

# **Demonstration of the Toxics Release Inventory (TRI) Website and Reporting Platform**

Toxics Release Inventory Program  
United States Environmental Protection Agency  
Washington, DC  
June 28<sup>th</sup>, 2018

## Toxics Release Inventory (TRI) Program

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### Nonylphenol Ethoxylates Category Added to TRI Chemical List

EPA has finalized a rule to add a category of thirteen specific nonylphenol ethoxylates (NPEs) to the TRI.

[Learn more about this action](#)



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- [TRI 30th Anniversary Videos and Quotes](#)
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- [List of All TRI Webpages](#)

#### What is TRI?

The Toxics Release Inventory (TRI) is a resource for learning about toxic chemical releases and pollution prevention activities reported by industrial and federal facilities. TRI data support informed decision-making by communities, government agencies, companies, and others. Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) created the TRI Program.



#### About the TRI Program

- [Learn About TRI](#)
- [Basics of TRI Reporting](#)
- [Look Inside of a TRI Facility](#)
- [Common TRI Terms Explained](#)
- [TRI 30th Anniversary](#)



#### Find, Understand and Use TRI Data

- [Get TRI Data](#)
- [TRI National Analysis](#)
- [TRI for Communities](#)
- [TRI for Tribal Communities](#)
- [Pollution Prevention \(P2\) Data](#)



#### Annual Reporting For Facilities

- [TRI Facilities Portal](#)
- [Determine if Your Facility Must Report](#)
- [Reporting Instructions and Guidance](#)
- [Electronic Reporting with TRI-MEweb](#)
- [Laws and Regulatory Activities](#)

#### Learn More About TRI in Your Community:

Get Location-Based Factsheets and Information on Specific Facilities

Search by: ☒ State ☐ Metropolitan Area ☐ Watershed ☐ Tribe ☐ Facility

Select: State:  or Zip Code:  City:  County:

1. Select your location from the dropdown list. 2. Click the Go button to the right of the search box. 3. Click the Go button to the right of the search box.



www.epa.gov/tri

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## Reporting for TRI Facilities

Each year, certain industrial facilities submit Toxics Release Inventory (TRI) data to EPA. The data are due by July 1 and cover waste management activities that occurred during the previous calendar year. EPA makes these data publicly available.

### New TRI Developments

- [EPA added a hexabromocyclododecane \(HBCD\) category to the TRI chemical list](#) in November 2017. Facilities that meet the reporting thresholds for HBCD should submit reporting forms by July 1, 2018.
- [EPA has adopted the 2017 North American Industry Classification System \(NAICS\) codes](#), and facilities are required to use these codes on their 2017 TRI reporting forms.
- Updated de minimis levels are in effect for several chemicals beginning with reporting year 2017. [See the 2017 RFI document for details.](#)
- Please note that this year's July 1 reporting deadline falls on a Sunday. EPA TRI reporting guidance states that submissions will be accepted on Monday.

### TRI Reporting Process and Criteria

The image below summarizes the TRI reporting process. For more detailed information about each step, [refer to the TRI Reporting Forms and Instructions manual.](#)



#### TRI Reporting Deadline

6

Days until July 1, 2018

#### Live Reporting Help

- [Reporting hotlines and TRI Coordinators can help answer regulatory and reporting questions](#)

[www.epa.gov/tri/reporting-tri-facilities](http://www.epa.gov/tri/reporting-tri-facilities)

### TRI Training and Guidance

Please note that much of the existing TRI guidance is now located within GuideME, which allows users to more quickly find TRI guidance by browsing or searching.

#### Within GuideME

- [Current Year Reporting Forms and Instructions \(RFI\) Manual](#): Explains how to complete TRI reporting forms and contains samples of forms.
  - [Searchable Web-based version of RFI](#)
  - [Downloadable PDF version of RFI](#)
- [Archived Reporting Forms and Instructions](#): Previous years' reporting forms and instructions.
- [Trade Secret Forms and Instructions](#): Details on how to submit a trade secret reporting form.
- [TRI Questions and Answers](#): [Browse by subject](#) or [search using keywords](#).
- [TRI Guidance Documents](#): Chemical- and industry-specific reporting guidance.
- [Search across all records in GuideME](#)

#### On the TRI Website

- [Threshold Screening Tool](#): Helps you determine if your facility is required to report to TRI.
- [TRI Training Slides and Tutorials](#): Presentation slides covering basic and advanced reporting concepts, and tutorials about using TRI-MEweb to submit TRI forms.
- [TRI Metal Mining Information](#): Guidance and interpretations for certain TRI requirements for the metal mining industry.

#### Emissions Factor Guidance

- [AP-42: Compilation of Air Emissions Factors](#)
- [Emissions Estimation Tools](#)
- [WebFIRE Emissions Factors Database](#)
- [Locating and Estimating Air-Toxic Emissions Documents](#)

[Contact Us](#) to ask a question, provide feedback, or report a problem.

# Toxics Release Inventory (TRI) Program

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<https://cdxnodengn.epa.gov/cdx-tri-threshold/action/Home>

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## TRI Threshold Screening Tool

The Toxics Release Inventory (TRI) Threshold Screening Tool uses a step-by-step questionnaire to help facilities determine whether they meet and/or exceed established facility, employee, and chemical thresholds and as such, may be required by Section 313 of the Emergency Planning and Community Right to Know Act (EPCRA) to report to the TRI Program.



**Note:** The tool provides reporting requirements for reporting year 2017.

This tool is only intended to help facilities determine if they are required to submit annual TRI data; it does not help facilities fill out TRI reporting forms. We suggest printing out the threshold screening report at the end of the tool's third section for your reference.

- [Start using the TRI Threshold Screening Tool](#)

## TRI Reporting Requirements

Your facility is required to report to the TRI Program if it meets ALL of these three threshold criteria:

- The facility is included in a [TRI-covered North American Industry Classification System \(NAICS\) code](#); and
- The facility has 10 or more full-time employee equivalents (i.e., a total of 20,000 hours or greater; see 40 CFR 372.3); and
- The facility manufactures (defined to include importing), processes or otherwise uses any [EPCRA Section 313 chemical](#) in quantities greater than the established threshold during a calendar year.

Please note that Executive Order 13423 extends these reporting requirements to federal facilities, regardless of their SIC or NAICS code.

### Threshold Tool Home

[Facility Screening](#)[Employee Screening](#)[Chemical Screening](#)[TRI Reporting Resources](#)[Reporting Forms and Instructions](#)

In the table below select all the NAICS codes that apply to your facility and the [economic value](#) added attributable to each NAICS code activity selected. For your own convenience we have provided an optional column in which you can enter any descriptive information you want, such as the [establishment](#) name. This information is only intended to help you assign dollar values to the different NAICS code activities taking place at your facility.

NAICS Code	Description	(Optional) Establishment Name	Total Economic Value	Percent	Covered NAICS?	Primary NAICS?
<input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	0.00%	<input type="checkbox"/>	Yes



[TRI Home](#) [GuideME](#) [Quick Info](#) [Questions & Answers](#) [Reporting Forms & Instructions \(RY2017\)](#) [Guidance Documents](#)

# Reporting Forms and Instructions

[Submit a Comment](#) [RFI Search](#) [View Document](#)

This page provides information on facility reporting criteria, downloadable sample reporting forms, and the primary guidance document for TRI reporting.

[Reporting Instructions \(RY 2017\)](#) [Downloadable Materials](#) [Reporting Criteria](#) [Archives](#)

## Reporting Forms and Instructions (RFI) Guidance Document

Use the links below to view the RFI. The RFI contains details on how to determine if TRI reporting is required, how to fill out reporting forms (including detailed explanations of every reporting element on the form), and changes to reporting requirements (if any) for the current reporting year.

### Table of Contents

[Toxic Chemical Release Inventory Reporting Forms and Instructions, Revised 2017 Version \(View Document\)](#)

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## A.2.a TRI-MEweb RY 2017 Version

Facilities use TRI-MEweb to fulfill their Emergency Planning and Community Right-to-Know (EPCRA) Section 313 and Pollution Prevention Act (PPA) Section 6607 reporting obligation that guides facilities through TRI reporting. Using a series of logically ordered questions, TRI-MEweb streamlines the analysis needed to determine if a user must complete a Form Statement for a particular chemical.

The TRI-MEweb software provides guidance for each data element on the TRI reporting Forms. TRI-MEweb checks the entered data for common errors and then prepares it for (see the flow diagram of the TRI-MEweb reporting process (Figure 1)). TRI-MEweb allows facilities to submit, revise, and withdraw TRI reporting forms for RYs 1991 – through t

## TRI Reporting Forms and Instructions, Section A.2.a

[https://ofmpub.epa.gov/apex/guideme\\_ext/f?p=guideme:rfi:1\\_2](https://ofmpub.epa.gov/apex/guideme_ext/f?p=guideme:rfi:1_2)

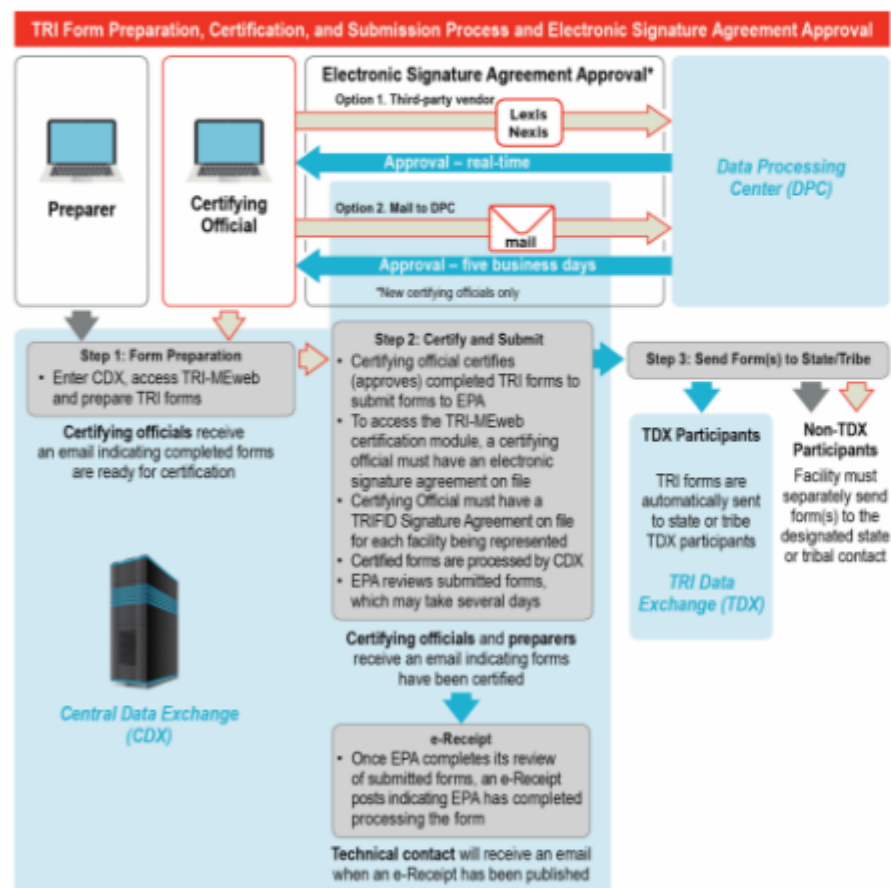


Figure 1. TRI-MEweb's Preparation, Certification and Submission Process and Electronic Signature Agreement Approval

# A.4 Recordkeeping

Sound recordkeeping practices are essential for accurate and efficient TRI reporting. It is in the facility's interest, as well as EPA's, to maintain records properly. Facilities must keep a copy of each report that will be of use when completing future reports.

Facilities must also maintain those documents, calculations, worksheets, and other forms upon which they relied to gather information for prior reports. In the event of a data quality review, documentation from the facility that supports the information reported.

EPA may conduct data quality reviews of Form R or Form A submissions. An essential component of this process involves reviewing a facility's records for accuracy and completeness of chemicals for which they did not file EPCRA Section 313 reports.

EPA also recommends keeping records of all documentation containing your CDX account information for your preparer(s) and certifying official(s) that use TRI-MEweb, including the Electronic Signature Agreement (ESA) and the facility's unique 6-digit alphanumeric access key.

Records to maintain include:

- Previous years' EPCRA Section 313 reports;
- EPCRA Section 313 Reporting Threshold Worksheets;
- Engineering calculations and other notes;
- Purchase records from suppliers;
- Inventory data;
- EPA (NPDES) permits and monitoring reports;
- EPCRA Section 312 Tier II Reports;
- Monitoring records;
- Flowmeter data;
- RCRA Hazardous Waste Generator's Report;
- Pretreatment reports filed by the facility with the local government;
- Invoices from waste management companies;
- Manufacturer's estimates of treatment efficiencies;
- RCRA manifests;
- Process diagrams that indicate emissions and other releases;
- Records for those EPCRA Section 313 chemicals for which they did not file EPCRA Section 313 reports; and
- CDX account information including unique 6-digit access key to pre-load facility account into TRI-MEweb and copies of the Electronic Signature Agreement (s) submitted.

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# TRI Reporting Forms and Instructions, Section A.4 and Section 7, Example 16

## Example 16: Calculating Releases and Other Waste Management Quantities

Your facility disposes of 14,000 pounds of lead chromate ( $\text{PbCrO}_4 \cdot \text{PbO}$ ) in an on-site landfill and transfers 16,000 pounds of lead selenite ( $\text{PbSeO}_3$ ) chromium compounds. However, the quantities you would be reporting would be the pounds of "parent" metal being released on-site or transferred off-site (see Section 6.2, Column C for waste management codes and information on transfers of EPCRA Section 313 chemicals in wastes). You would calculate the pounds of lead, chromium, and selenium released and transferred as follows:

<b>Lead Chromate (<math>\text{PbCrO}_4 \cdot \text{PbO}</math>)</b>	Molecular weight = 546.37
Lead (2 Pb atoms)	Atomic weight = $207.2 \times 2 = 414.4$
Chromium (1 Cr atom)	Atomic weight = 51.996

Lead chromate is therefore (percent by weight):  
 $(414.4/546.37) = 75.85\%$  lead and  
 $(51.996/546.37) = 9.52\%$  chromium.

<b>Lead Selenite (<math>\text{PbSeO}_3</math>)</b>	Molecular weight = 350.17
Lead (1 Pb atom)	Atomic weight = 207.2
Selenium (1 Se atom)	Atomic weight = 78.96

Lead selenite is therefore (percent by weight):  
 $(207.2/350.17) = 59.17\%$  lead and  
 $(78.96/350.17) = 22.55\%$  selenium.

The total pounds of lead, chromium, and selenium disposed of on or off-site from your facility are as follows:

<b>Lead</b>	
Disposal on-site:	$0.7585 \times 14,000 = 10,619$ pounds from lead chromate
Transfer off-site for disposal:	$0.5917 \times 16,000 = 9,467$ pounds from lead selenite
<b>Chromium</b>	
Disposal on-site:	$0.0952 \times 14,000 = 1,333$ pounds from lead chromate
<b>Selenium</b>	
Transfer off-site for disposal:	$0.2255 \times 16,000 = 3,608$ pounds from lead selenite

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**EPA FORM R**  
United States Environmental Protection Agency

Section 317 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI Facility ID Number

Toxic Chemical, Category, or Generic Name

This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank.

Revision (Enter up to two code(s))

Withdrawal (Enter up to two code(s))

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

**PART I. FACILITY IDENTIFICATION INFORMATION**

**SECTION 1. REPORTING YEAR**

**SECTION 2. TRADE SECRET INFORMATION**

Are you claiming the toxic chemical identified on page 2 as a trade secret?

2.1 Yes (Answer question 2.2; attach substantiation forms) No (Do not answer 2.2; go to Section 3)

2.2 In this copy Sanitized Unsanitized (Answer only if "Yes" in 2.1)

**SECTION 3. CERTIFICATION** (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: Signature: Date signed:

**SECTION 4. FACILITY IDENTIFICATION**

Facility or Establishment Name TRI Facility ID Number

Physical Street Address Mailing Address (if different from physical street address)

City/County/Tribal/State/ZIP Code City/State/ZIP Code Country (Non-US)

4.2 This report contains information for: a. ☐ An entire facility b. ☐ Part of a facility c. ☐ A federal facility d. ☐ GOCO (Important: Check a or b; check c or d if applicable)

4.3 Technical Contact Name Telephone Number (include area code and ext.)

Email Address

4.4 Public Contact Name Telephone Number (include area code and ext.)

Email Address

4.5 NAICS Code(s) (6 digits) Primary a. b. c. d. e. f.

4.6 DUN & Bradstreet Number(s) (9 digits) a. b.

**SECTION 5. Parent Company Information**

5.1 Name of U.S. Parent Company (for TRI Reporting purposes) No U.S. Parent Company (for TRI Reporting purposes) ☐

5.2 Parent Company's Dun & Bradstreet Number NA ☐

EPA form 9150-1 (Rev. 06/2014) - Previous editions are obsolete.

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**FORM R**  
**Part II. CHEMICAL-SPECIFIC INFORMATION**

TRI Facility ID Number

Toxic Chemical, Category, or Generic Name

**SECTION 1. TOXIC CHEMICAL IDENTITY** (Important: DO NOT complete this section if you are reporting a mixture component in Section 2 below.)

1.1 CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category)

1.2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list)

1.3 Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be specifically descriptive.)

**SECTION 2. MIXTURE COMPONENT IDENTITY** (Important: DO NOT complete this section if you completed Section 1.)

2.1 Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

**SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY** (Important: Check all that apply.)

3.1 Manufacture the toxic chemical: a. ☐ Produce b. ☐ Import c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity

3.2 Process the toxic chemical: a. ☐ As a reactant b. ☐ As a formulation component c. ☐ As an article component d. ☐ Repackaging e. ☐ As an impurity

3.3 Otherwise use the toxic chemical: a. ☐ As a chemical processing aid b. ☐ As a manufacturing aid c. ☐ Auxiliary or other use

**SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR**

4.1 (Enter two digit code from instruction package)

**SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE**

	A. Total Release (pounds/year*) (Enter a range code** or estimate)	B. Basis of Estimate (Enter code)	C. Percent from Stormwater
5.1 Fugitive or non-point air emissions	NA <input type="checkbox"/>		
5.2 Stack or point air emissions	NA <input type="checkbox"/>		
5.3 Discharge to receiving streams or water bodies (Enter one name per box)	NA <input type="checkbox"/>		
Surface or Underbody Name Reach Code (optional)			
5.3.1			
5.3.2			
5.3.3			

If additional pages of Part II, Section 5.3 are attached, indicate the total number of pages in this box and indicate the Part II, Section 5.3 page number in this box. (Example: 1, 2, 3, etc.)

EPA form 9150-1 (Rev. 06/2014) - Previous editions are obsolete.

\*For Dioxin or Dioxin-like compounds, report in grams/year.  
\*\*Range Codes: A= 1-10 pounds; B= 11-499 pounds; C= 500-499 pounds.

Form Approved OMB Number: 2025-0009  
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**FORM R**  
**Part II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)**

TRI Facility ID Number

Toxic Chemical, Category, or Generic Name

**SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE (continued)**

	NA	A. Total Release (pounds/year*) (Enter a range code** or estimate)	B. Basis of Estimate (Enter code)
5.4-5.5 Disposal to land on-site			
5.4.1 Class I Underground Injection Wells	<input type="checkbox"/>		
5.4.2 Class II-V Underground Injection Wells	<input type="checkbox"/>		
5.5.1A RCRA Subtitle C landfills	<input type="checkbox"/>		
5.5.1B Other landfills	<input type="checkbox"/>		
5.5.2 Land treatment/application farming	<input type="checkbox"/>		
5.5.3A RCRA Subtitle C surface impoundments	<input type="checkbox"/>		
5.5.3B Other surface impoundments	<input type="checkbox"/>		
5.5.4 Other disposal	<input type="checkbox"/>		

**SECTION 6. TRANSFER(S) OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS**

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW) NA ☐

6.1.1 POTW Name:

POTW Address:

City County State ZIP

A. Quantity Transferred to this POTW (pounds/year\*) (Enter range code\*\* or estimate)

B. Basis of Estimate (Enter code)

If additional pages of Part II, Section 6.1 are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.1 page number in this box. (Example: 1, 2, 3, etc.)

**SECTION 6.2. TRANSFERS TO OTHER OFF-SITE LOCATIONS** NA ☐

6.2.1 Off-Site EPA Identification Number (RCRA ID No.):

Off-Site Location Name:

Off-Site Address:

City County State ZIP Country (non-US)

In this location under control of reporting facility or parent company? ☐ Yes ☐ No

EPA form 9150-1 (Rev. 06/2014) - Previous editions are obsolete.

\*For Dioxin or Dioxin-like compounds, report in grams/year.  
\*\*Range Codes: A= 1-10 pounds; B= 11-499 pounds; C= 500-499 pounds.



## Guidance Documents

This page provides access to chemical- and industry-specific guidance documents, current questions and answers documents, policy directives, and training materials.

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[Dioxin and Dioxin-like Compounds Category](#)

[EBDC Acid, Salts and Esters Category and Mixtures Containing Maneb, Metiram, Nabam, and Zineb](#)

[Hydrochloric Acid Aerosols](#)

[Lead and Lead Compounds](#)

[Mercury and Mercury Compounds Category](#)

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[https://ofmpub.epa.gov/apex/guideme\\_ext/f?p=guideme:gd-list](https://ofmpub.epa.gov/apex/guideme_ext/f?p=guideme:gd-list)

# TRI Metal Mining Information

You may need a PDF reader to view some of the files on this page. See [EPA's About PDF page](#) to learn more.

After careful consideration of the full regulatory agenda, current priorities, and resources, EPA has withdrawn from Office of Management and Budget review a draft notice of proposed rulemaking regarding reporting requirements for the metal mining industry under the TRI Program. Some background information on the issues relevant to this action is provided below.

## Stakeholder Discussion Forum

- [View comments in the online discussion forum](#) (archived - forum closed on June 30, 2010).
- View stakeholder comments in the [docket](#).
- September 2009 - [Summary of Stakeholder Suggestions](#)

## Related Information & Documents

- [Summary](#) and [Qs & As](#) of EPA's Analysis of the Decision in the Barrick Goldstrike Mines Lawsuit
- October 10, 2002 - [Overburden Exemption \(PDF\)](#) (5 pp, 174 K)
- June, 2001 - National Mining Association (NMA) Lawsuit and Court Ruling - [Summary](#)
- June 14, 2001 - EPA Response to NMA Re: Lawsuit Ruling - [Letter](#)
- January, 1999 - EPCRA Section 313 Industry Guidance: [Metal Mining Facilities \(PDF\)](#)
- May 1, 1997 - Addition of Facilities in Certain Industry Sectors; Revised Interpretation of Otherwise Use; Toxic Release Inventory Reporting; Community Right-to-Know; Federal Register: [Final Rule \(PDF\)](#) (59 pp, 478 K)
- June 27, 1996 - Addition of Facilities in Certain Industry Sectors; Toxic Chemical Release Reporting; Community Right-to-Know; Federal Register: [Proposed Rule \(PDF\)](#) (31 pp, 296 K)







## Questions & Answers

[Submit a Comment](#)

[Browse Q&A's by Subject](#)

This page provides access to TRI Q&As, with [keyword searches](#) and results filters. Specific Q&As can also be opened to see revision history, links to similar Q&As, and a PDF download of the Q&A document.

Click the  Open Record to view a Q&A.

<div> <input type="text"/> <input type="button" value="Go"/> <input type="button" value="Actions"/> </div> <div> <input checked="" type="checkbox"/>  Status = 'Current'         </div> <div> <input type="button" value="Include Archived Q&amp;As"/> </div>					
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Open	Source	Question	Status	Keyword(s)	Q&A Preview
	<a href="#">1998 EPCRA 313 QA</a>	1	<a href="#">Current</a>	<a href="#">Reporting Criteria</a>	<b>1. What facilities are subject to EPCRA Section 313 reporting?</b> Facilities must report release and other waste management information pursuant to EPCRA Section 313 if they: (1) have 10 or more full-time employees or the equivalent; (2) are in a covered SIC code; and (3) exceed any one threshold for manufacturing (including importing), processing, or otherwise using a toxic chemical listed in 40 CFR Section 372.65. <a href="#">Click here to open record</a>
	<a href="#">1998 EPCRA 313 QA</a>	3	<a href="#">Current</a>	<a href="#">Facility Closure; Reporting Criteria</a>	<b>3. Must the Form R report be submitted by July 1 for facilities that were in operation during part of the reporting year, but which were closed by December 31?</b> Yes. A facility that operated during any part of a reporting year must report if it meets the SIC code, employee, and chemical activity thresholds for that reporting year. <a href="#">Click here to open record</a>
	<a href="#">1998 EPCRA 313 QA</a>	4	<a href="#">Current</a>	<a href="#">Definition of Facility; SIC Code; Vessels</a>	<b>4. In Alaska several fish processors have factories on ships. They use ammonia and chlorine in their fish processing operations. Is each ship a covered facility under Section 313 or is the whole group of ships (all of which belong to one company) a covered facility?</b> A facility is defined as all buildings, equipment, structures, and other stationary items which are located on a single site or adjacent or contiguous sites owned or operated by the same person (40 CFR Section 372.3). A ship is not a facility as defined under the Section 313 regulations. It is not stationary and it is not located on a single site (if it moves to other locations). Therefore, the ships should not report even if they are in a covered SIC code. <a href="#">Click here to open record</a>
	<a href="#">1998 EPCRA 313 QA</a>	5	<a href="#">Current</a>	<a href="#">Definition of Facility; Facility Construction</a>	<b>5. A recently constructed facility which has not begun production but is in a covered SIC code has used several listed toxic chemicals in preparing a reactor bed and distillation columns for manufacturing. Is the facility required to report these chemicals if they exceed the threshold levels?</b> Yes. Once a covered facility has been constructed, any toxic chemicals used to prepare production equipment for manufacturing activities must be included towards the threshold determinations that reporting year. This includes start-up activities. <a href="#">Click here to open record</a>
	<a href="#">1998 EPCRA 313 QA</a>	6	<a href="#">Current</a>	<a href="#">Definition of Facility; Pipeline</a>	<b>6. A covered petroleum company sends its hazardous waste containing a Section 313 toxic chemical to a land treatment unit by underground pipeline. The petroleum company and the land treatment unit are owned and operated by the same individual. The land treatment unit is not adjacent nor contiguous to the petroleum company, but the petroleum company maintains a 'right-of-way' of the pipe-line. Are these two facilities under EPCRA Section 313?</b> <a href="#">Read More [+]</a>

# Training on TRI Reporting for RY 2017

Below are training materials for people involved with Toxics Release Inventory (TRI) reporting under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA).

## Training on Basic and Advanced TRI Reporting Concepts

- [View the basic reporting concepts slides](#) to learn about TRI reporting requirements and determining if your facility must report
- [View the advanced reporting concepts slides](#) to understand more advanced reporting issues

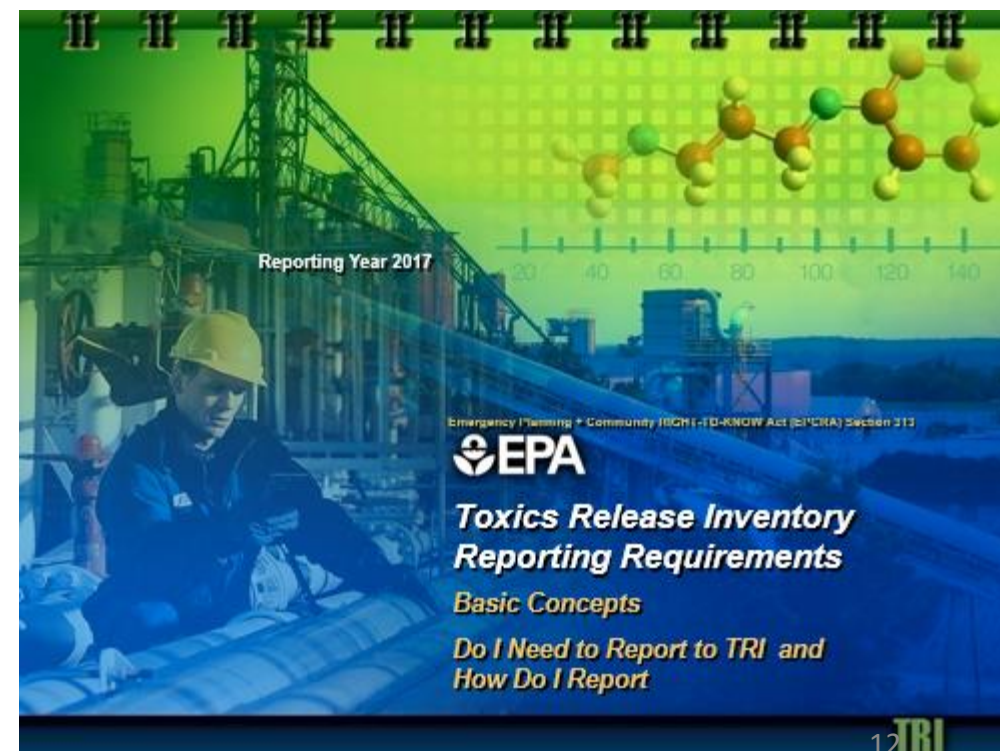
## TRI-MEweb Tutorials

Tutorials describing specific features and functionality of TRI-MEweb are now [accessed through the application itself](#). More general tutorials about the CDX registration process are [located on the Electronic Submission of TRI Reporting Forms page](#).



Take advantage of the opportunity to describe your source reduction activities for TRI-listed toxic chemicals. [Download a tip sheet for TRI P2 Reporting.](#)

<https://www.epa.gov/toxics-release-inventory-tri-program/training-tri-reporting-ry-2017-0>





## Tasks You Can Quickly Start in TRI-MEweb

Use the links above to navigate through TRI-MEweb or use the dropdown below to get started:

I need to:

### User Profile

[Edit](#)


Name: Sandra Gaona  
CDX User ID: SANDRA.GAONA  
Email Address: gaona.sandra@epa.gov  
Phone: (202) 566-0887  
CDX User Role: Certifying Official

### SMS Verification Status: **Not Active**

Mobile Number(s):

1. Not Set  
[Add New](#)

If you would like to change which mobile number is used as your primary verification number, please visit the [My Profile](#) page in CDX.

### What is new in TRI-MEweb?

- [TRI-MEweb modernization factsheet \(PDF\)](#)
- [New information for RY 2017](#)
- [TRI-MEweb enhancements](#)

### Not Reporting?

You may provide EPA with optional information about changes to your facility as well as why your facility will not be filing one or more TRI forms for the current reporting year.

- [3447WBLMNT23987](#)
- [NVECEGENRIG579H](#)
- [XXONE5628HRSRDN](#)

### Your RY 2017 Snapshot

All Facilities



### Release Trends ?

INTERSTATE PAPER LLC (31323NTRSTONEIN)

- [PROPYLENE\(115071\)](#)
- [ACROLEIN\(107028\)](#)
- [ETHYLBENZENE\(100414\)](#)
- [1,1,1-TRICHLOROETHANE\(71556\)](#)
- [1,1,2,2-TETRACHLORO... \(354143\)](#)


[Getting Help](#)
[Signing Your TRIFID Signature Agreements](#)
[Updating CDX Profile](#)
[Adding an Existing TRI Facility to Your Account](#)
[Creating a New TRI Facility](#)
[Certifying Your Pending Forms](#)
[Checking Forms for Errors](#)
[Managing Pending Forms](#)
[Providing Optional Facility Information](#)

TRI Reporting Platform –  
Start page



## Manage Facilities

Below is your list of facilities. Before preparing your TRI forms, make sure you have access to your facility and your facility information is up-to-date.

[I need to add a facility.](#)[I am ready to start my forms.](#)

TRI Facility List

Facility Widget (Map View)


Filter: 

Access Key	TRIFID <sup>1</sup>	Facility <sup>1</sup>	ESA Status <sup>?</sup>	Multi-Establishment	Number of users w/ access	Actions
T374AD4E	3447WBLMNT23987	BLUEMONT RESEARCH INC 23987 OSTERLY COURT, OCALA, FL 34471	ESA Approved	No ( <a href="#">Create Establishments</a> )	2 ( <a href="#">View/Update Users</a> )	<a href="#">Take Action ▾</a>
T2F7616C	8084WTSLXX69WMN	TESLA 690 W MONUMENT ST, COLORADO SPRINGS, CO 80905	ESA Approved	No ( <a href="#">Create Establishments</a> )	4 ( <a href="#">View/Update Users</a> )	<a href="#">Take Action ▾</a>
N573HC	NVECEGENRIG579H	NOVEC ENGINEERING 399 HARVESTWOOD CT, MADISON, AL 35758	ESA Approved	No ( <a href="#">Create Establishments</a> )	3 ( <a href="#">View/Update Users</a> )	<a href="#">Take Action ▾</a>
E462HR	XXONE5628HRSRDN	EXXON 46282 HARRIS ROAD, NASHVILLE, TN 37201	ESA Approved	Yes ( <a href="#">Manage Establishments</a> )	4 ( <a href="#">View/Update Users</a> )	<a href="#">Take Action ▾</a>

Displaying 1 - 4 of 4 Facilities

[Export](#)

TRI Reporting Platform –  
Facility Management



Log Issue/Enhancement

SANDRA.GAONA - CERTIFIER - gaona.sandra@epa.gov (Log out)

My TRIFacility Management

Form Home

Displayed below are the forms in p

Reporting Year: 2017

	TRIFID↑↓
+	3447WBLMNT23987
+	8084WTSLXX69WMN
+	NVECEGENRIG579H
+	XXONE5628HRSRDN

Displaying 1 - 4 of 4 Facilities

Export

Manage Facilities

Actions

Add Form(s) ▼

Add Form(s) ▼

Add Form(s) ▼

Add Form(s) ▼

Add Form(s)

Cancel

Add Form(s)

Cancel

Add Form(s)

Cancel



## Form Home

Displayed below are the forms in progress, pending or submitted for the facilities you have access to. Click the [+](#) sign to view your forms.

Reporting Year: 2017

Filter:

Manage Facilities


-	TRIFID	Facility Name	Address		Form Count	Actions														
-	3447WBLMNT23987	BLUEMONT RESEARCH INC	23987 OSTERLY COURT, OCALA, FL 34471		In Progress: 1 / Pending: 0 / Certified: 0	<button>Add Form(s)</button>														
<table><tr><th>Chemical</th><th>CAS/Category#</th><th>Form Type</th><th>Revision / Withdrawal</th><th>Error Status</th><th>Form Status</th><th>Actions</th></tr><tr><td>Mercury</td><td>007439-97-6</td><td>R (change)</td><td>N/A</td><td>Not Validated</td><td>Available for Editing</td><td><button>Continue</button><button>Delete</button></td></tr></table>							Chemical	CAS/Category#	Form Type	Revision / Withdrawal	Error Status	Form Status	Actions	Mercury	007439-97-6	R (change)	N/A	Not Validated	Available for Editing	<button>Continue</button> <button>Delete</button>
Chemical	CAS/Category#	Form Type	Revision / Withdrawal	Error Status	Form Status	Actions														
Mercury	007439-97-6	R (change)	N/A	Not Validated	Available for Editing	<button>Continue</button> <button>Delete</button>														
+	8084WTSLXX69WMN	TESLA	690 W MONUMENT ST, COLORADO SPRINGS, CO 80905		In Progress: 22 / Pending: 0 / Certified: 3	<button>Add Form(s)</button>														
+	NVECEGENRIG579H	NOVEC ENGINEERING	399 HARVESTWOOD CT, MADISON, AL 35758		In Progress: 0 / Pending: 0 / Certified: 0	<button>Add Form(s)</button>														
+	XXONE5628HRSRDN	EXXON Multi-Establishment Facility	46282 HARRIS ROAD, NASHVILLE, TN 37201		In Progress: 0 / Pending: 0 / Certified: 0	<button>Add Form(s)</button>														

Displaying 1 - 4 of 4 Facilities

Export

TRI Reporting Platform –  
Form Management




**TRI-ME** WEB

[Log Issue/Enhancement](#)

SANDRA.GAONA - CERTIFIER - gaona.sandra@epa.gov ([Log out](#))

My TRI
 Facility Management
 Forms
 Submission History
 Help

Tutorials
 Preferences
 Help Chat

Part I
 3/4: Activities and Uses/Max On-site
 5: On-site Releases
 6: Off-site Transfers
 7: On-site Waste Management
 8: Waste Management
 9: Misc. Information

## Facility Information

Part 1

RY 2017

3447WBLMNT23987

Mercury

### 4.1 - 4.5 Facility Name and Address [Need Reporting Help?](#)

<b>TRIFID</b> 3447WBLMNT23987	<b>Facility Address</b> 23987 OSTERLY COURT - OCALA, FL 34471 Marion	<b>BIA Code</b> -----	<b>Facility Type</b> Neither	<a href="#">Edit</a>
<b>Facility Name</b> BLUEMONT RESEARCH INC	<b>Mailing Address</b> Same as physical address	<b>NAICS Code(s)</b> 212210 (Primary)		

### 5. Parent Company Name Information [Need Reporting Help?](#)

☐ No U.S. Parent Company (for TRI reporting purposes) [Edit](#)

**5.1 Parent Company Name:**

BASIC AMERICAN FOODS

☐ Parent Company not listed

**5.2 Parent Company's Dun & Bradstreet Number :**  ☒ Parent Company Dun & Bradstreet Number Not Applicable

### 4.6 Facility Dun & Bradstreet Number(s) [Need Reporting Help?](#)

☒ Dun & Bradstreet Numbers Not Applicable [Edit](#)

[Please provide any optional information on why your facility does not have a Dunn & Bradstreet number. Information provided here will appear in Section 9.1.]

## Edit Facility

**EPA Registry ID**

110090084481

**Program ID**

3447WBLMNT23987

**Facility Name**

BLUEMONT RESEARCH INC

**Facility Address**

23987 OSTERLY COURT

Address 2

OCALA

FL

34471

MARION COUNTY

**Coordinates**

29.1649276

-82.123195

**BIA Code**
**NAICS Code(s)**

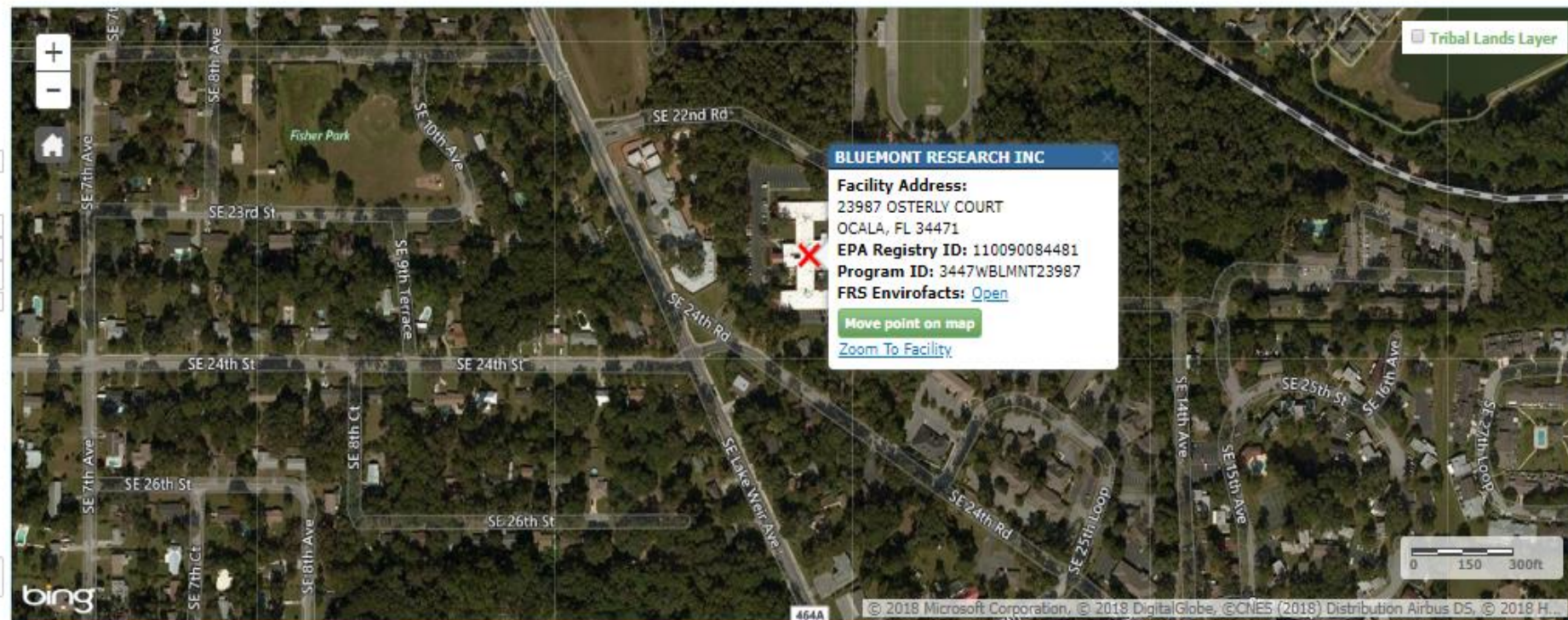
= Primary NAICS

212210 - Iron Ore Mining x

**Facility Type**

Neither

**Is Mailing Address Same as Facility Address?**
☒ Yes ☐ No

[Submit](#)

[Map Legend](#)

# Activities And Uses / Max On-site

Form R, Part II, Section 3 & 4

Select the code (see below) that indicates the maximum quantity of the EPCRA Section 313 chemical (e.g., in storage tanks, process vessels, on-site shipping containers, or in wastes generated) at your facility at any time during the reporting year. The maximum quantity of the chemical on-site at any one time, not simply the amount manufactured, processed, or otherwise used. When reporting for the dioxins and dioxin-like compounds category, note the weight of all quantities of the toxic chemical to determine the maximum total amount present at the entire facility at one time.

Calculation Example

Calculation Example for a Chemical in a Mixture or Trade Name Production

Max On-site: 

Select a Max On-site Code

## 3. Activities and Uses [Need Reporting Help?](#)

Please select the activities listed below that are applicable for this chemical for this facility during the reporting year. If you produced and/or imported the chemical during the reporting year, you must indicate why the chemical was produced or imported.

### 3.1 Manufacture

Did your facility manufacture Mercury in Reporting Year 2017? Yes: ☐

### 3.2 Process

Did your facility process Mercury in Reporting Year 2017? Yes: ☒

Was Mercury processed as a reactant in Reporting Year 2017? Yes: ☐

Was Mercury processed as a formulation component in Reporting Year 2017? Yes: ☐

Was Mercury processed as an article component in Reporting Year 2017? Yes: ☐

[Prev \(Contact Information\)](#)

[Save](#)

[Next \(On-site Releases\)](#)

# On-site Releases and Disposal

Form R, Part II, Section 5
[Need Reporting Help?](#)

RY 2017

3447WBLMNT23987

Mercury

Hover your cursor over the [?](#) icon for more information. Enter data using detailed worksheet.

Form Section	<input type="checkbox"/> Not Applicable	Total Quantity (lbs) <a href="#">?</a>	Numeric Basis <a href="#">?</a>	Basis of Estimate <a href="#">?</a>
Air Releases				
Section 5.1: Fugitive or Non-Point Air Emissions <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Section 5.2: Stack or Point Air Emissions <a href="#">?</a>	<input type="checkbox"/>	50 <input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Land Releases				
Section 5.4.1: On-site Underground Injection: Class I Wells <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Section 5.4.2: On-site Underground Injection: Class II-V Wells <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Section 5.5.1A: On-site Landfills: RCRA Subtitle C <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Section 5.5.1B: On-site Landfills: Other <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Section 5.5.2: On-site Land Treatment and Application Farming <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Section 5.5.3A: On-site Surface Impoundments: RCRA Subtitle C <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Section 5.5.3B: On-site Surface Impoundments: Other <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>
Section 5.5.4: Other Disposal <a href="#">?</a>	<input type="checkbox"/>	<input type="text"/>		Select a Basis of Estim... <a href="#">?</a>



# POTW

Form R, Part II, Section 6.1 [? Need Reporting Help?](#)

RY 2  
3447WBLMNT23  
Merc

POTW / POTW Widget

Add POTWs

**POTW Search Results** (67 POTWs found)

List View | [Map View](#)

Refine your search criteria by clicking **Change**.

Select the checkbox next to one or more POTWs and click **Proceed with Selections** to continue. The **Proceed with Selections** button is not displayed until at least one POTW has been selected.

**Search Criteria:** 3447WBLMNT23987 | BLUEMONT RESEARCH INC | 23987 OSTERLY COURT - , OCALA, FL 34471

Change

Filter:

Export Options

<input type="checkbox"/> (Select All)	EPA Registry ID	POTW Name	POTW Address	POTW Distance from Facility	Alternate EPA Registry IDs/Program IDs
<input type="checkbox"/>	110000513310	LEESBURG WASTEWATER TREATMENT PLANT	608 NORTH CANAL STREET LEESBURG, FL 34748-4406 LAKE	28.40 miles	FL0105066
<input type="checkbox"/>	110000520259	KANAPAHA WATER RECLAMATION FACILITY	3901 SOUTHWEST 63RD BOULEVARD GAINESVILLE, FL 32608-3849 ALACHUA	35.89 miles	FLR05F662, FL0112895
<input type="checkbox"/>	110010043880	CRESCENT CITY, CITY OF - CRESENT CITY WWTF	LAKE AND CYPRESS STREETS CRESCENT CITY, FL 32112 PUTNAM	41.37 miles	FL0021610
<input type="checkbox"/>	110010043256	WALDO, CITY OF - WALDO WWTF	EAST NORTH STREET WALDO, FL 32694 ALACHUA	43.21 miles	FL0042242

Showing 1 to 5 of 67 POTWs

Previous 1 2 3 4 5 ... 14 Next

## On-site Waste Management

Form R, Part II, Section 7

RY 20  
3447WBLMNT235  
Merci

### Section 7A: On-site Waste Treatment Methods and Efficiency [Need Reporting Help?](#)

If waste streams containing the toxic chemical do not undergo any on-site treatment, click the "Not Applicable" check box below. Even for chemicals that cannot be destroyed during treatment processes (e.g. metals, metal compounds including asbestos), you should provide information on any treatment method(s) applied on-site to waste streams that contain these chemicals. You should also account for quantities removed by treatment processes when calculating treatment efficiencies for these chemicals.

If waste streams containing the toxic chemical do not undergo any on-site treatment, click the "Not Applicable" check box below.

☐ Not Applicable

Please enter information on the types of waste treatment methods applied on-site to waste streams that contain the TRI chemical. You must first create a list of applicable waste stream "profile(s)" that describe the type of waste stream containing the TRI chemical and the sequence of treatment methods that are applied to it. Click on **New Profile** to add a new waste stream profile.

Once you have created one or more waste stream profiles you can select them from the list provided and click **Add**. To complete the row, you will need to select a waste treatment efficiency range code.

**Note:** You can re-order your waste treatment methods by clicking and dragging.

[New Profile](#)

### Section 7B: On-site Energy Recovery Methods and Quantity [Need Reporting Help?](#)

Since metals and metal compounds (including asbestos) cannot be combusted for energy recovery, 'Not Applicable' will be reported for on-site energy recovery applied to any waste stream containing this chemical.

☒ Not Applicable

### Section 7C: On-site Recycling Methods and Quantity [Need Reporting Help?](#)

If you did not have on-site recycling applied to any waste stream containing the TRI chemical, click the "Not Applicable" box below.

☐ Not Applicable

TRI Reporting Platform –  
Form completion – On-site waste management

## Waste Management

Form R, Part II, Section 8.1-8.7 [Need Reporting Help?](#)


RY 2017  
3447WBLMNT23987  
Mercury

Because this chemical cannot be treated for destruction, "Not Applicable" will be reported for both on-site and off-site treatment on this TRI chemical's Form R. In addition, metals and metal compounds (including asbestos) cannot be combusted for energy recovery. "Not Applicable" also will be reported for both on-site and off-site energy recovery on this TRI chemical's Form R.

The following table displays the quantities of this TRI chemical managed as waste on-site and off-site for the calendar year, as calculated by TRI-MEweb based on the quantities you provided in earlier portions of the form. If you selected any range code in these earlier portions, TRI-MEweb has used the mid-point of the range in these calculations. If you would like to review how TRI-MEweb calculated a specific value, click the [Edit](#) button to review TRI-MEweb's calculation. If you would like to edit prior year data, click the 'Edit' checkbox under the Prior Year column. [Enter data using detailed worksheet.](#)

Waste Management Description	Prior Year (RY 2016)	Current Year (RY 2017)	Reporting Year 2018	Reporting Year 2019
	<input type="checkbox"/> Edit		<input type="checkbox"/> Use Current Year Quantities	<input type="checkbox"/> Use Current Year Quantities
Section 8.1a: Total On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills <a href="#">?</a>	<input type="text"/> <input checked="" type="checkbox"/> NA	0 <a href="#">Edit</a>	<input type="text"/> <input type="checkbox"/> NA	<input type="text"/> <input type="checkbox"/> NA
Section 8.1b: Total Other On-site Disposal or Other Releases <a href="#">?</a>	3,765 <input type="checkbox"/> NA	100 <a href="#">Edit</a>	<input type="text"/> <input type="checkbox"/> NA	<input type="text"/> <input type="checkbox"/> NA
Section 8.1c: Total Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills <a href="#">?</a>	1,884.98 <input type="checkbox"/> NA	NA	<input type="text"/> <input type="checkbox"/> NA	<input type="text"/> <input type="checkbox"/> NA
Section 8.1d: Total Other Off-site Disposal or Other Releases <a href="#">?</a>	757.02 <input type="checkbox"/> NA	NA	<input type="text"/> <input type="checkbox"/> NA	<input type="text"/> <input type="checkbox"/> NA
Section 8.2: Quantity Used for Energy Recovery On-site <a href="#">?</a>	NA	NA	NA	NA
Section 8.3: Quantity Used for Energy Recovery Off-site <a href="#">?</a>	NA	NA	NA	NA
Section 8.4: Quantity Recycled On-site <a href="#">?</a>	<input type="text"/> <input checked="" type="checkbox"/> NA	<a href="#">Edit</a>	<input type="text"/> <input type="checkbox"/> NA	<input type="text"/> <input type="checkbox"/> NA
Section 8.5: Quantity Recycled Off-site <a href="#">?</a>	<input type="text"/> <input checked="" type="checkbox"/> NA	NA	<input type="text"/> <input type="checkbox"/> NA	<input type="text"/> <input type="checkbox"/> NA
Section 8.6: Quantity Treated On-site <a href="#">?</a>	NA	NA	NA	NA
Section 8.7: Quantity Treated Off-site <a href="#">?</a>	NA	NA	NA	NA

TRI Reporting Platform –  
Form completion – Waste management –  
Prior, current, and future year expected quantities


Log Issue/Enhancement

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3/4: Activities and Uses/Max On-site
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## Source Reduction Activities

Form R, Part II, Section 8.10 [Need Reporting Help?](#)

Report any source reduction activity that was newly implemented during the reporting year for this chemical by selecting the applicable code(s). Examples of activities include: substitution of raw materials or improving maintenance of equipment. If you did not initiate any source reduction activity, check the "Not Applicable" box.

☐ Not Applicable

Source Reduction Activity 1

W52 - Modified equipment, layout, or piping

[Please provide optional information about the source reduction activity. Information provided here will appear in Section 8.11.]

(4000/4000 characters remaining.)

Methods to Identify Activity 1 (Select up to 3)

T04 - Participative Team Management

[Please provide optional information about the method used to identify the source reduction activity. Information provided here will appear in Section 8.11.]

(4000/4000 characters remaining.)

TRI Reporting Platform –  
Form completion – Source Reduction activities



Submission History

In-Progress Submissions (0 forms) ▲

You have no in-progress submissions at this time.

Reporting Year: 2017

Completed Submissions (3 forms) ▲

Submissions shown in the table below have been successfully certified and received by EPA. Your facility and form eReceipts (formerly known as eFDPs) will not appear until your form has been processed by EPA. Occasionally, facility-level changes require manual verification, thus delaying processing of TRI for the delivery of the eReceipt(s) up to a few days. You will receive an email notification when your eReceipt becomes available for review. You can access your eReceipt by clicking the "Facility eReceipt" button.

Filter:

	TRIFID	Facility Name	Location	Number of Forms	Facility eReceipt
+	8084WTSLXX69WMN	TESLA	690 W MONUMENT ST, COLORADO SPRINGS, CO 80905	3	Facility eReceipt

Displaying 1 - 1 of 1 Facilities

Export

Print PDF

Facility eReceipt Notice No.: FP-18-0020261-5 Facility eReceipt Date: 06/26/2018  
Last updated: null

TRI Facility eReceipt

FACILITY INFORMATION:

TRI Facility Identification No: 8084WTSLXX69WMN  
Facility Name and Address:

TESLA  
690 W MONUMENT ST  
COLORADO SPRINGS (COUNTY: EL PASO ) CO 80905

Mailing Address:

TESLA  
690 W MONUMENT ST  
COLORADO SPRINGS, CO 80905

Technical Contact Information:

Name: DANIEL MAYARD  
Email: DANIEL.MAYARD@CGIFEDERAL.COM

Phone: 337-484-1745

Public Contact Information:

Name: DANIEL MAYARD  
Email: DANIEL.MAYARD@CGIFEDERAL.COM

Phone: 337-484-1745

Reporting for: An entire facility  
Facility Type (Federal/GOCO/Commercial): COMMERCIAL

Parent Company Name: NA  
Parent Company Dun and Bradstreet No:

NAICS Code(s) Facility Dun & Bradstreet No.  
221122 NA  
221113 NA

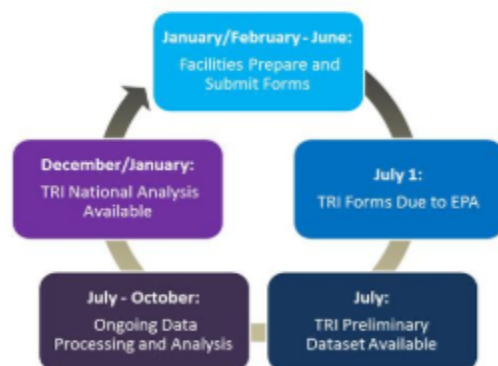
TRI Reporting Platform –  
Form completion – Submission history

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## Basics of TRI Reporting

Every year, TRI data are submitted by certain industrial facilities and made available to the public; an overview of this process and the TRI reporting criteria are provided below. Please note that the reporting criteria are described in general terms; more specific guidance is [available in the TRI Reporting Forms and Instructions document](#).

## Annual Data Collection Cycle



To learn more about the annual data collection cycle, click on one of the time periods below:

**January-June****+**

Facilities Prepare and Submit Forms

**July 1****+**

TRI Forms Due to EPA

**July**

TRI Preliminary Dataset Available

**July - October**

Ongoing Data Processing and Analysis

**December / January**

TRI National Analysis Available

### Ongoing Activities

- [The TRI Program conducts data quality checks and provides analytical support for enforcement efforts](#) led by EPA's Office of Enforcement and Compliance Assurance (OECA).
- Preparations continue for the next TRI reporting cycle.

## Reporting Criteria

If a facility meets **all three** of the criteria below, it must report to the TRI Program:



Is in a [specific industry sector](#) (e.g., manufacturing, mining, electric power generation)



Employs 10 or more full-time equivalent employees



Manufactures, processes, or otherwise uses a [TRI-listed chemical](#) in quantities above threshold levels in a given year.

<https://www.epa.gov/toxics-release-inventory-tri-program/basics-tri-reporting>

# Toxics Release Inventory (TRI) Program

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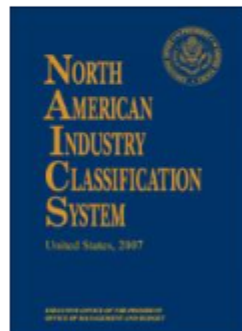
## Is My Facility's Six-Digit NAICS Code a TRI-Covered Industry?

### NAICS Codes and TRI Reporting

The North American Industry Classification System (NAICS) is a framework by which economic units that have similar production processes are classified into the same industry by a numerical designation, the most detailed of which is six digits.

The Emergency Planning and Community Right-to-Know Act originally required TRI reporting using four-digit Standard Industrial Classification (SIC) codes. However, the Office of Management and Budget replaced the SIC code system with the NAICS code system developed by the U.S. Census Bureau, and TRI adopted this system in 2006 (71 FR 32464). NAICS codes are updated every five years, and TRI facilities currently use OMB-revised 2017 six-digit NAICS codes on their TRI reporting forms.

*NOTE: It is the full six-digit NAICS code (not the two-, three-, four-, or five-digit code) that determines a facility's coverage under the TRI Program.*



## Determining if Your Facility's Six-Digit Primary NAICS Code is Covered by the TRI Program

1. Determine your facility's six-digit NAICS code for the purposes of TRI reporting.

<https://www.epa.gov/toxics-release-inventory-tri-program/my-facilitys-six-digit-naics-code-tri-covered-industry>

### TRI-Covered Industries

- [212 Mining](#)
- [221 Utilities](#)
- [31 - 33 Manufacturing](#)
- [All Other Miscellaneous Manufacturing \(includes 1119, 1133, 2111, 4883, 5417, 8114\)](#)
- [424 Merchant Wholesalers, Non-durable Goods](#)
- [425 Wholesale Electronic Markets and Agents Brokers](#)
- [511, 512, 519 Publishing](#)
- [562 Hazardous Waste](#)
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## Toxics Release Inventory Laws and Regulatory Activities

Laws and Executive Orders

Recent/Ongoing Rulemakings

Past Rulemakings

Current Petitions

Information Collection Requests (ICRs)

### Laws and Executive Orders

- **Emergency Planning and Community Right-to-Know Act (EPCRA):** In 1986, Congress passed EPCRA, section 313 of which created the Toxics Release Inventory (TRI).
  - [Read a summary of EPCRA](#)
  - [Read the full text of EPCRA](#)
  - [Learn more about EPCRA](#)
- **Pollution Prevention Act (PPA):** In 1990, Congress passed the PPA, section 6607 of which required that facilities report additional data on waste management and source reduction activities to TRI.
  - [Read a summary of the PPA](#)
  - [Read the full text of the PPA](#)
  - [Learn more about TRI's pollution prevention data](#)
- **Code of Federal Regulations (CFR):** The CFR is the codification of rules published in the Federal Register by the executive departments and agencies of the federal government. It is divided into 50 titles that represent broad areas subject to federal regulation, with environmental regulations contained mainly in title 40.
  - TRI regulations can be found at [40 CFR Part 372](#).



### Recent/Ongoing Rulemakings





The TRI Program is modified over time through rulemakings. The most recent are listed below. Note that all rules published in the Federal Register by the TRI Program are also found in the Code of Federal Regulations. TRI regulations can be found at [40 CFR Part 372](#).

- **Addition of NPEs Category (Finalized in June 2018):** EPA finalized a rule that adds a category of 13 specific nonylphenol ethoxylates (NPEs) to the list of chemicals subject to TRI reporting. NPEs are nonionic surfactants used in adhesives, wetting agents, emulsifiers, stabilizers, dispersants, defoamers, cleaners, paints, and coatings.
  - [Find out more about the final rule](#)
- **Adoption of 2017 North American Industry Classification System (NAICS) Codes for TRI Reporting (Finalized in December 2017):** EPA issued a final rule to update the NAICS codes used to classify facilities subject to reporting under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA).
  - [Find out more about the final rule](#)

<https://www.epa.gov/toxics-release-inventory-tri-program/toxics-release-inventory-laws-and-regulatory-activities>



# Toxics Release Inventory (TRI) Program

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## TRI-Listed Chemicals

In general chemicals covered by the TRI Program are those that cause one or more of the following:

- Cancer or other chronic human health effects
- Significant adverse acute human health effects
- Significant adverse environmental effects

The current TRI toxic chemical list contains 595 individually listed chemicals and 33 chemical categories.

**Note:** methyl mercaptan and 2,2-dibromo-3-nitrilopropionamide are under administrative stays and are not currently reportable.

### TRI Chemical List Changes: 1987–2016

EPA makes changes to the TRI chemical list through EPA-initiated review and through the chemical petitions process. As a result, the TRI list of reportable toxic chemicals can vary from year to year. [TRI Chemical List Changes](#) lists all of the additions to and deletions from the TRI chemical list and indicates the first or last reporting year for those chemicals.

### TRI Chemicals Classified as OSHA Carcinogens

[TRI Basis of OSHA Carcinogens](#) lists those chemicals considered to be carcinogens under the requirements of the Occupational Safety and Health Administration (OSHA) and the basis for the classifications.

### TRI List of Reportable Chemicals

- Download a spreadsheet of the:  
[TRI Chemical List for RY2017](#) (46 K, 4/24/2018)  
[TRI Chemical List for RY2016](#) (45 K, 12/8/2016)  
[TRI Chemical List for RY2015](#) (45 K, 11/5/2015)
- Download a PDF version of the list for  
Reporting Year

### Recent TRI Chemical List Changes

- [EPA added a hexabromocyclododecane \(HBCD\) category to the TRI chemical list](#) in November 2016. Reporting forms on HBCD are due July 1, 2018, for 2017 data if TRI chemical use and other thresholds are met.

<https://www.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals>

## Persistent Bioaccumulative Toxic (PBT) Chemicals

PBT chemicals have lower reporting thresholds than other TRI chemicals. PBTs are of particular concern because they remain in the environment for long periods of time, are not readily destroyed and build up or accumulate in body tissue.

- [List of PBT Chemicals Subject to TRI Reporting](#)
- [TRI PBT-Related Rulemakings](#)
- [Dioxin and Dioxin-like Compounds Toxic Equivalency Information Final Rule](#)

## TRI Chemicals and Other EPA Regulatory Programs

- [Title III List of Lists](#): A consolidated list of chemicals subject to reporting requirements under Sections 302 and 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA), with references to their reporting status under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund); the Resource Conservation and Recovery Act (RCRA); and Section 112(r) of the Clean Air Act.
- [Regulatory Matrix of TRI Chemicals in other Federal Programs](#): A matrix showing each TRI chemical and indicating whether it is regulated under other environmental laws.

## Toxicity of TRI Chemicals

- [TRI-Chemical Hazard Information Profiles \(TRI-CHIP\)](#): TRI's searchable database system contains hazard information for TRI chemicals. Among other features, users can search for toxicity information from multiple information sources and identify TRI chemicals associated with a



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## TRI Data Quality

Across communities, industries, universities, and governments, people use Toxics Release Inventory (TRI) data to inform decisions and influence outcomes. The TRI Program works collaboratively with industrial facilities to assist them in collecting and submitting accurate TRI data.

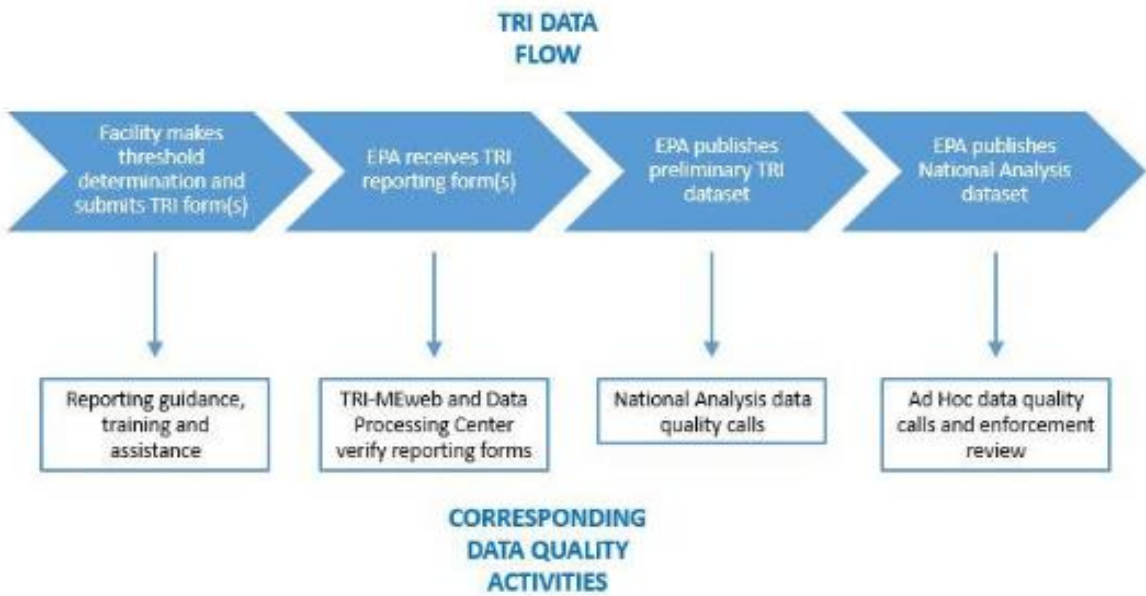
### On this page:

- [What resources are available to help facilities collect and submit accurate TRI data?](#)
- [How does the TRI Program help facilities optimize the quality of TRI data?](#)
- [What legal requirements apply to the submission of accurate TRI data?](#)

### What resources are available to help facilities collect and submit accurate TRI data?

The TRI Program is committed to helping reporting facilities submit high-quality data. We provide [reporting software with built-in data quality alerts](#), produce online training materials (including chemical- and industry-specific guidance), [manage an info hotline](#) (“TRI hotline”) to answer facility representatives’ questions, and assist facilities with the quality call process (described below). [The TRI Program also created the “Guidance” searchable database](#) that contains all TRI guidance materials in one cross-referenced location.

Many industry trade associations have developed their own guidance documents to help facilities determine reportable chemical quantities, comply with all TRI requirements, and ensure the accuracy of their TRI data.



# Toxics Release Inventory (TRI) Program

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<https://www.epa.gov/toxics-release-inventory-tri-program/tri-data-and-tools>

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## TRI Data and Tools

The TRI Program tracks the management of toxic chemicals that may pose a threat to human health and the environment. Facilities in certain industry sectors report annually the volume of toxic chemicals managed as waste--recycled, treated or burned for energy recovery--as well as disposed of or otherwise released into the environment. Select an option below to view TRI data.



[TRI National Analysis website](#): Maps, charts, and tables highlight annual, national-level data, while factsheets detail specific geographic areas.



[TRI Explorer](#): Access the most commonly requested TRI information. Search by chemical or facility releases, waste management, or waste transfers.



[TRI Pollution Prevention \(P2\) Tool](#): Explore and compare facility and parent company information on the management of toxic chemical waste.



[Envirofacts](#): Find all publicly available TRI data in a searchable, downloadable format. Multiple search options available.



[myRTK](#): Find summary-level facility information, including chemical releases, pollution prevention activities, and compliance history. Provided in English and Spanish.



[RSEI](#): The Risk-Screening Environmental Indicators (RSEI) model helps policy makers, researchers and communities explore data on releases of toxic substances from industrial facilities. RSEI Scores can be used to help establish priorities for further investigation.

# Toxics Release Inventory (TRI) National Analysis

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## Reduction in Air Releases

Air releases of TRI-listed chemicals from U.S. industrial facilities covered by the TRI Program decreased by 58% (829 million pounds) since 2006.

[Learn more about air releases in the 2016 TRI National Analysis](#)

### Quick Links

- [TRI Program homepage](#)
- [Executive Summary](#)
- [Download the report](#)
- [Official EPA press release](#)
- [Overview presentation](#)
- [Questions & answers](#)
- [En español](#)
- [Past years' National Analyses](#)

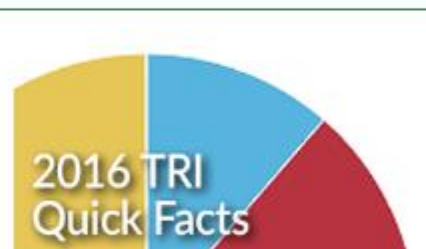
U.S. facilities report detailed information to EPA on their management of toxic chemicals, including releases to the environment. The **Toxics Release Inventory (TRI) National Analysis** interprets this information and examines trends in releases, waste management practices, and pollution prevention (P2) activities.



- [Browse the TRI National Analysis](#)
- Skip to a chapter:
  - [Pollution Prevention \(P2\)](#)



- [View TRI data where you live](#)
  - View by state, city, ZIP code
  - See the TRI facilities in your area

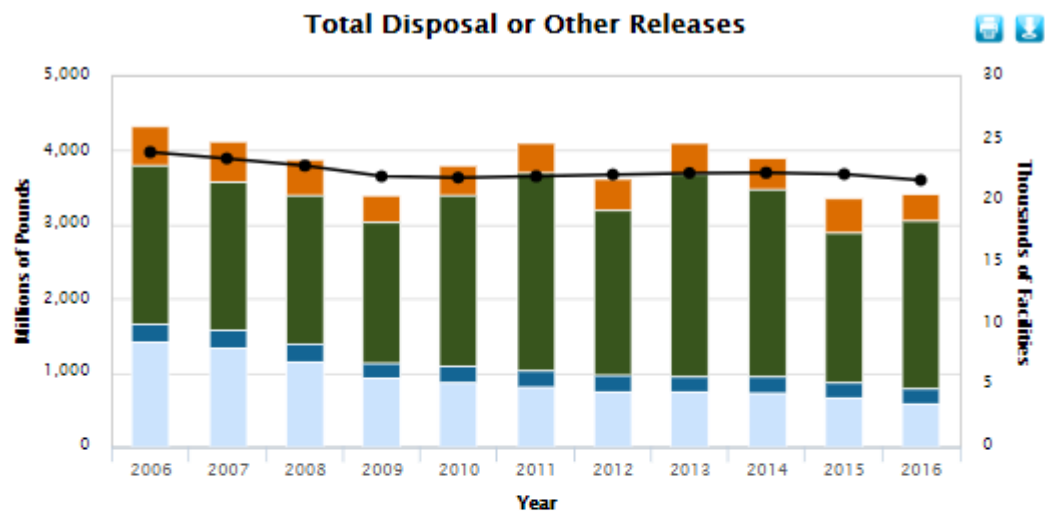


- 21,629 facilities reported to TRI for 2016
- Most releases were to land, primarily from metal mining operations

<https://www.epa.gov/tri-nationalanalysis>

## What is the TRI National Analysis?





Click on legend items below to customize items displayed in the chart

■ Off-site Disposal or Other Releases
 ■ On-site Land Disposal
 ■ On-site Surface Water Discharges
 ■ On-site Air Releases
 ● Reporting Facilities

### From 2006 to 2016:

- Total disposal or other releases of TRI chemicals decreased by 21%.
- This long-term decrease is driven mainly by declining air releases, down 58% (829 million pounds) since 2006. Reduced hazardous air pollutant (HAP) emissions, such as [hydrochloric acid](#), from electric utilities were the most significant contributor to the decline, with additional air emission reductions from the chemical and paper manufacturing sectors.

### Helpful Concepts

#### What is a release?

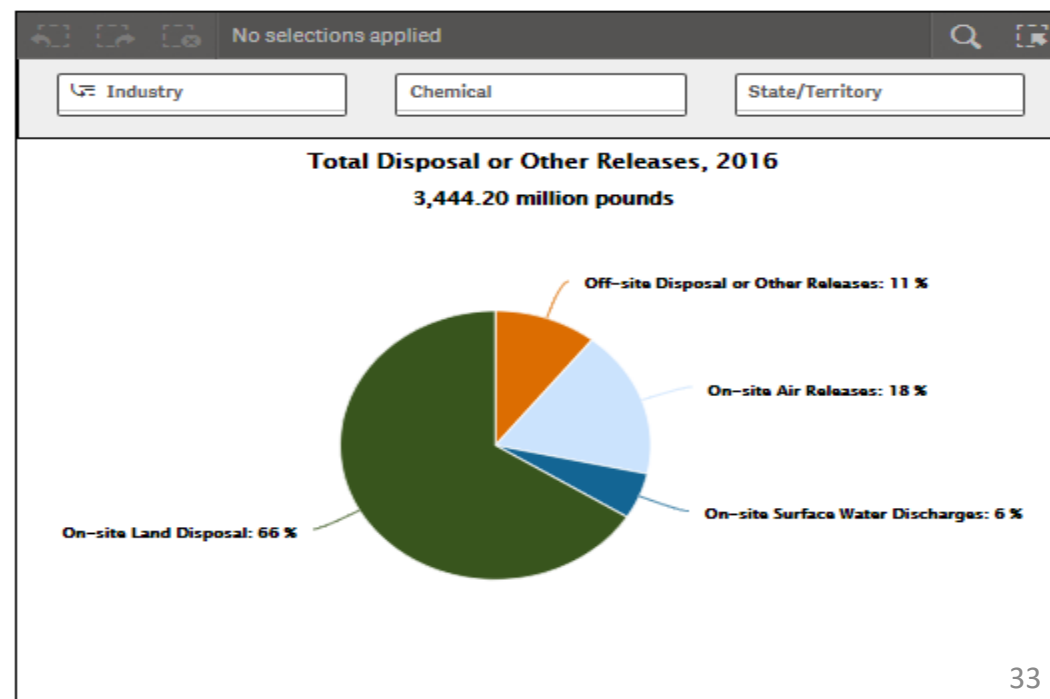
In the context of TRI, a "release" of a chemical generally refers to a chemical that is emitted to the air, discharged to water, or placed in some type of land disposal unit.

### TRI National Analysis – Releases

<https://www.epa.gov/trinationalanalysis/releases-chemicals-2016-tri-national-analysis>

### Releases in 2016

Use the interactive chart below to explore how total releases of chemicals that occurred in 2016 are associated with different industry sectors, specific chemicals, and geographies. [Visit the full TRI National Analysis Qlik dashboard](#) to explore even more information about releases of chemicals.

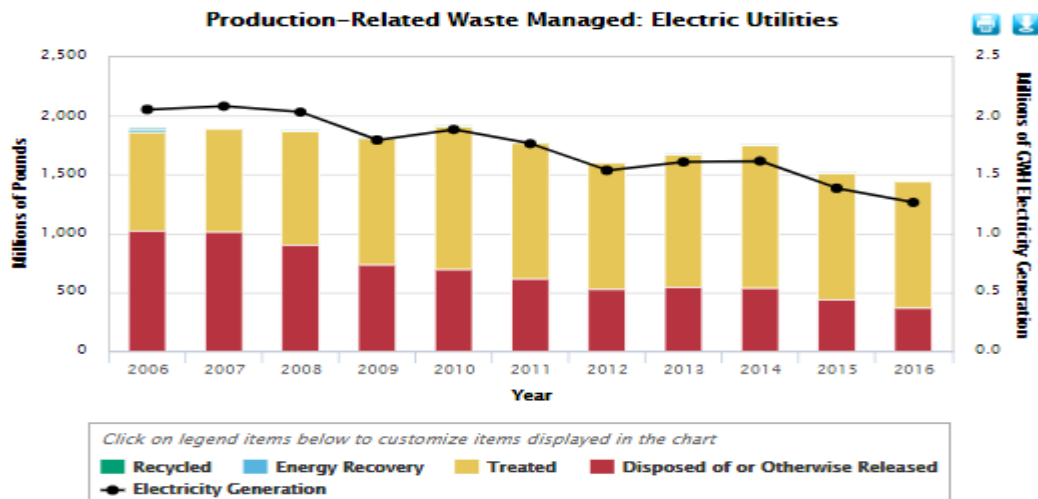




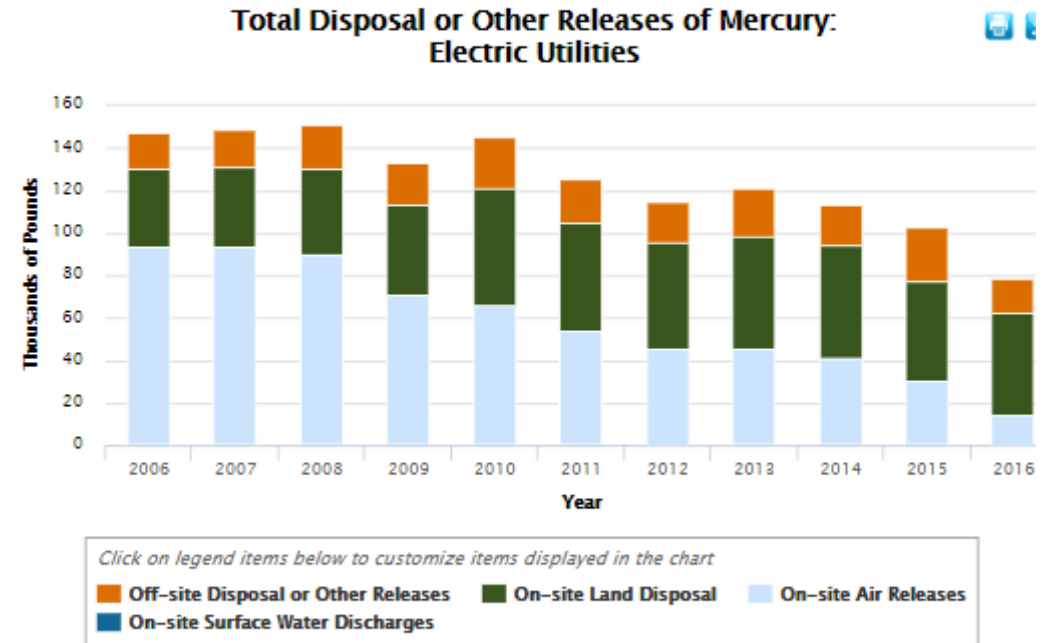
# Electric Utilities in the 2016 TRI National Analysis

## Quick Facts for 2016: Electric Utilities (NAICS 2211)

Measure	Value
<b>Number of Facilities that Reported to TRI</b>	<b>494</b>
Number of Facilities with New Source Reduction Activities	22
<b>Production-Related Waste Managed</b>	<b>1,447.1 million lb</b>
Recycled	4.4 million lb
Energy Recovery	0.2 million lb
Treated	1,074.2 million lb
Disposed or Otherwise Released	368.3 million lb
<b>Total Disposal or Other Releases</b>	<b>368.3 million lb</b>
<b>On-site</b>	<b>304.5 million lb</b>
Air	86.3 million lb
Water	3.3 million lb
Land	214.9 million lb
<b>Off-site</b>	<b>63.8 million lb</b>



Coal and fuel oil contain trace amounts of mercury. When coal or oil is burned by power plants to produce energy, mercury can be emitted to air in the form of stack emissions unless removed by pollution control devices. Examining the trend in mercury emissions shows that the sector's releases dropped by 46% (68 thousand pounds) since 2006:



- The considerable decrease in mercury releases was driven by an 86% (79 thousand pounds) decrease in mercury air emissions. This drop was offset somewhat by increased releases of mercury to land.

TRI National Analysis – Sector Electric Utilities

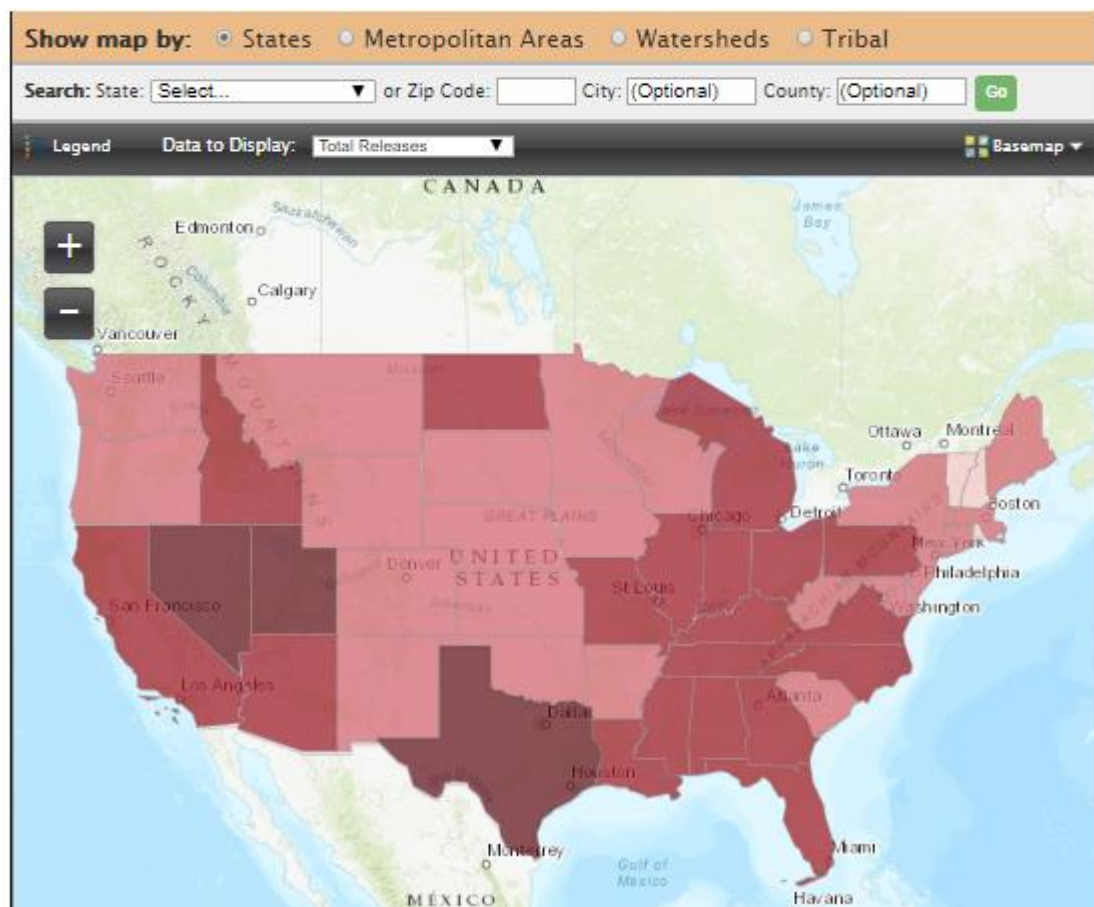
<https://www.epa.gov/trinationalanalysis/electric-utilities-2016-tri-national-analysis>



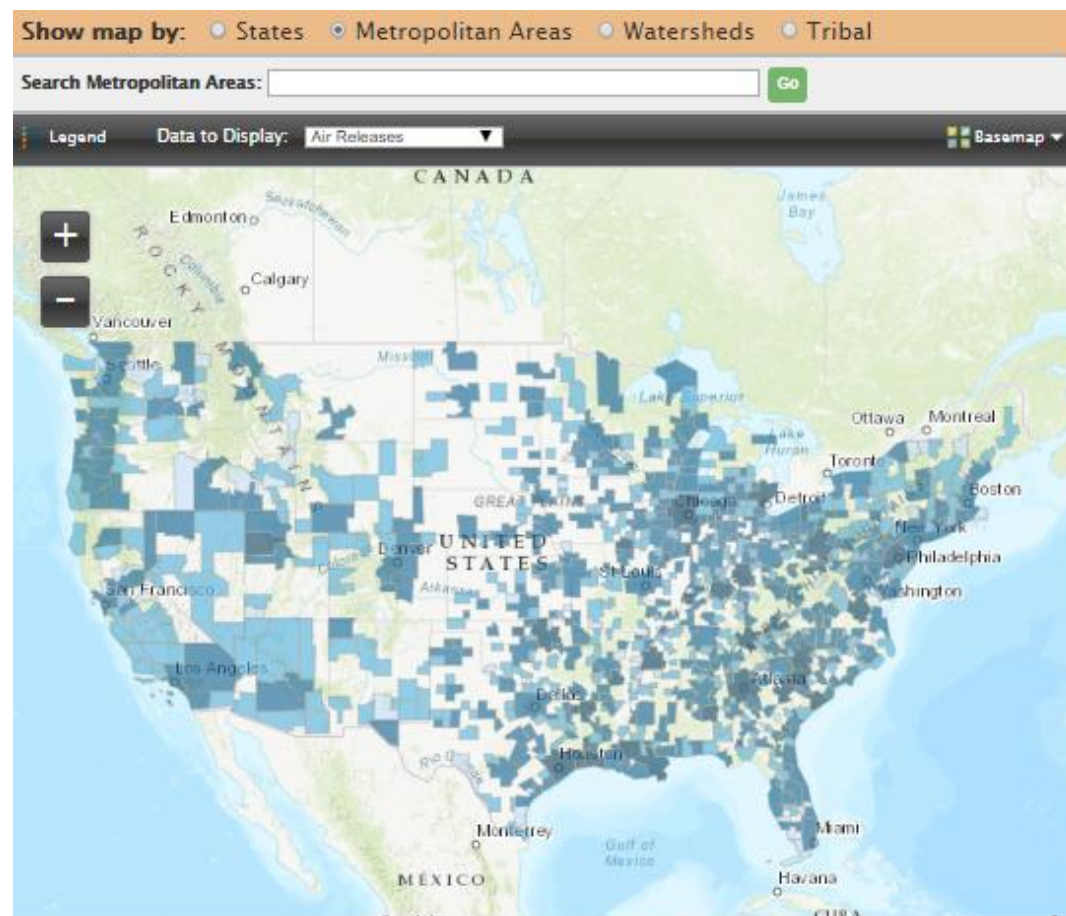
# Where You Live in the 2016 TRI National Analysis

español

This section of the National Analysis looks at releases and other disposals of TRI chemicals that occurred at various geographic levels throughout the United States.



<https://www.epa.gov/trinationalanalysis/where-you-live-2016-tri-national-analysis>



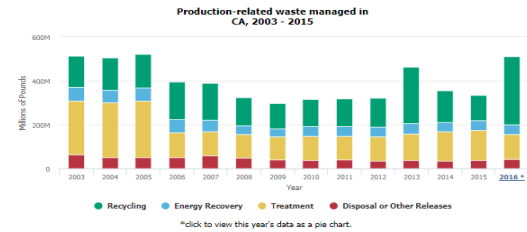
The Toxics Release Inventory (TRI) tracks the management of certain toxic chemicals that may pose a threat to human health and the environment. Certain industrial facilities in the U.S. must report annually how much of each chemical is recycled, combusted for energy recovery, treated for destruction, and disposed of or otherwise released on- and off-site. This information is collectively referred to as production-related waste managed.

Map of TRI Facilities in California

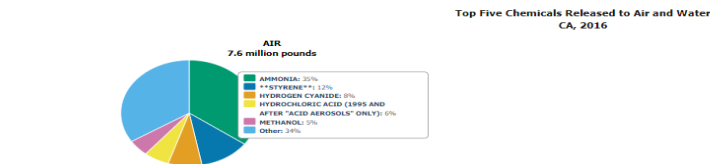
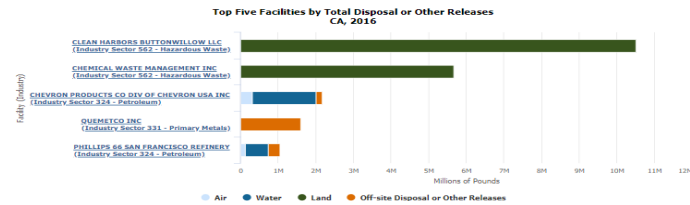
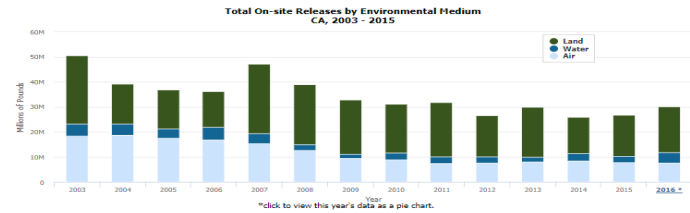


California ranks 46 out of 56 states/territories nationwide based on total releases per square mile (Rank 1 = highest releases)

Looking at production-related waste managed over time helps track progress in reducing waste generated and moving toward safer waste management methods. EPA encourages facilities to first eliminate waste at its source (source reduction). For waste that is generated, the preferred management method is recycling, followed by energy recovery, treatment, and as a last resort, disposal of or otherwise releasing the waste. Under the Pollution Prevention Act of 1990, TRI collects information to track industry progress in reducing waste generation and moving towards safer waste management alternatives. Learn more about Pollution Prevention and TRI.



The following charts represent releases of TRI-covered chemicals to the environment in the State of California. A "release" of a chemical means that it is emitted to the air or water, placed in some type of land disposal, or transferred off-site for disposal or release.



Note: \*\* = Carcinogenic Chemical  
Note: Trend graphs were created using the 2001 core chemicals/industries list.

- Download basic TRI data file
- Download the TRI Geo-Specific Tables (Comma-Separated Value files)

Print View  
Español  
Classic View

# Fact Sheets

Year of Data [i](#)

2016 [▼](#)

Topic of Interest: [i](#)

Chemical

Industry

Region

MSA

LAE

ZIP Code

On Selected Tribal Land or ANVs

ZIP Code: [i](#)

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TRI Factsheets

[https://iaspub.epa.gov/triexplorer/tri\\_factsheet\\_search.searchfactsheet](https://iaspub.epa.gov/triexplorer/tri_factsheet_search.searchfactsheet)

## TRI Explorer

You are here: [EPA Home](#) » [TRI](#) » [TRI Explorer](#) » [Release Reports - Release Facility Report](#)

## Release Reports

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[Release Reports](#)
[Waste Transfer Reports](#)
[Waste Quantity Reports](#)

[Chemical](#)
[Facility](#)
[Federal Facility](#)
[Trends](#)
[Geography](#)
[Industry](#)
[Dynamic Map](#)

### Release Facility Report [i](#)

This site uses pop-up windows, click here for help on allowing pop-ups from this site

[Go To New Report](#)

#### Year of Data [i](#)

2016 ▼

#### Geographic Location [i](#)

All of United States ▼

#### Chemical [i](#)

All chemicals ▼

#### Industry [i](#)

All Industries ▼

#### Data Set [i](#)

The default is Data Source: 2016 Dataset (released March 2018)

- ☐ 2016 Dataset (released October 2017)  
☐ Select 2015 Dataset (released March 2017) (updated June 2, 2017)

[Generate Report](#)

#### Report columns to include [i](#)




- ☐ TRIF ID  
☐ Number of Form Rs  
☐ Number of Form As (starting 1995)  
☐ Longitude/Latitude  
☒ **Total On-site Disposal or Other Releases**  
     *Details*  
     ☐ On-Site Disposal to Class I Wells, RCRA Subtitle C Landfills, and Other On-Site Landfills  
     ☐ Other On-Site Disposal or Other Releases  
☒ **Total Off-site Disposal or Other Releases**  
     *Details*  
     ☐ Off-Site Disposal to Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills  
     ☐ Other Off-Site Disposal or Other Releases  
☒ **Total On-and Off-site Disposal or Other Releases**

Row #	Facility	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
		<a href="#">i</a> <a href="#">i</a>	<a href="#">i</a> <a href="#">i</a>	<a href="#">i</a> <a href="#">i</a>
		<a href="#">i</a> <a href="#">i</a>	<a href="#">i</a> <a href="#">i</a>	<a href="#">i</a> <a href="#">i</a>
1	RED DOG OPERATIONS.90 MILES N OF KOTZEBUE, KOTZEBUE ALASKA 99752 (NORTHWEST ARCTIC)	756,434,487	6,943	756,441,429
2	KENNECOTT UTAH COPPER MINE CONCENTRATORS & POWER PLANT.8362 WEST 10200 SOUTH, BINGHAM CANYON UTAH 84006 (SALT LAKE)	201,224,942	3,145	201,228,087
3	NEWMONT MINING CORP TWIN CREEKS MINE.35 MILES NE OF COLCONDA, COLCONDA NEVADA 89414 (HUMBOLDT)	100,178,969	4,819	100,183,788
4	NEWMONT MINING CORP COPPER CANYON FACILITY.12 MI SE OF BATTLE MOUNTAIN COPPER CANYON FACILITY, BATTLE MOUNTAIN NEVADA 89820 (LANDER)	56,901,647	0	56,901,647
5	KENNECOTT UTAH COPPER SMELTER & REFINERY.12000 WEST 2100 SOUTH & 11500 W 2100 S, MAGNA UTAH 84044 (SALT LAKE)	47,702,283	259	47,702,542
6	NEWMONT MINING CORP - CARLIN SOUTH AREA.6 MILES N OF CARLIN, CARLIN NEVADA 89822 (EUREKA)	47,635,654	21,685	47,657,339
7	HECLA GREENS CREEK MINING CO.13401 GLACIER HWY, JUNEAU ALASKA 99801 (JUNEAU)	41,780,361	-	41,780,361
8	ASARCO LLC RAY COMPLEX/ HAYDEN SMELTER & CONCENTRATOR.6094 N ASARCO ROAD, HAYDEN ARIZONA 85135 (GILA)	33,732,324	1,973	33,734,297



TRI Facility Report: TRANSCANADA RAVENSWOOD POWER STATION(11101CNSLD3854V)











### Facility Information

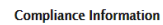
FACILITY INFORMATION		CHEMICALS	POLLUTION PREVENTION (P2)	WASTE MANAGEMENT	RELEASES	WATER RELEASES	TRANSFERS	CLASSIC VIEW
Facility Name	TRANSCANADA RAVENSWOOD POWER STATION	TRI ID	11101CNLS03854V					
Address	38-54 VERNON BLVD LONG ISLAND CITY, NY, 11101	FRS ID	110033146165					
Mailing Name	TRANSCANADA RAVENSWOOD POWER STATION	DUNS Number	NA					
Mailing Address	38-54 VERNON BLVD LONG ISLAND CITY, NY, 11101 -	Parent Company	TRANSCANADA LTD					
County	QUEENS	Public Contact	TANJA GRZESKOWITZ					
EPA Region	2	Phone	(718) 706-2705					
Latitude	40.75855	Tribute	NA					
Longitude	-73.94499	BIA Tribal Code	NA					
NAICS	221112 Fossil Fuel Electric Power Generation	Industry Sector	2211 Electric Utilities					
Last Form	2015							

Information is for the most recent reporting year

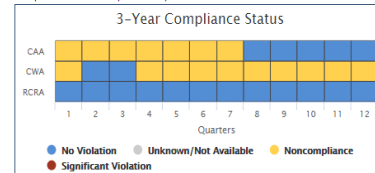
### Other Regulatory Data

In addition to TRI, this facility reports to the programs listed below. The table below reflects regulatory data contained within Envirofacts and may not reflect all other EPA regulatory data:

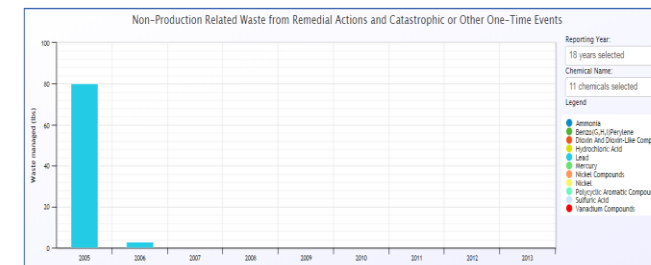
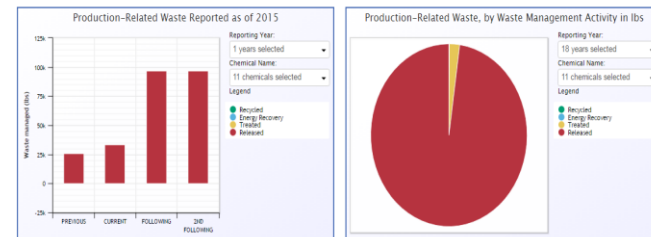
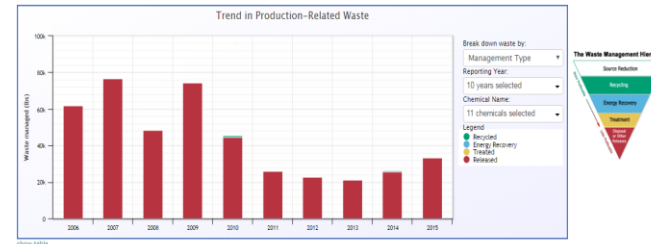
Statute/Program	Universe	Media	Identifier
Clean Air Act (CAA)	AIR MAJOR 	Air	NY0000002630401378
Clean Air Act (CAA)	AIR MAJOR 	Air	NY00000002630400024
Clean Water Act (CWA)	ICIS-NPDES MAJOR 	Water	NY0005193
Resource Conservation and Recovery Act (RCRA)	LQC 	Land	NYR000172791
Resource Conservation and Recovery Act (RCRA)	CESQC 	Land	NYR000079053
Resource Conservation and Recovery Act (RCRA)	LQC 	Land	NYR000072447
Resource Conservation and Recovery Act (RCRA)	HAZARDOUS WASTE BIENNIAL REPORTER 	Land	NYR000072447
Resource Conservation and Recovery Act (RCRA)	LQC 	Land	NYD003917960
Greenhouse Gas Reporting Program (GHGRP)	GREENHOUSE GAS REPORTER 	Air	1000764
Greenhouse Gas Reporting Program (GHGRP)	GREENHOUSE GAS REPORTER 	Air	1000567

























Compliance data below provided by ECHO.



[Go to ECHO for More Enforcement and Compliance Data](#)

Chemicals and Associated Health Effects

Showing 10 entries out of 11 entries

Chemical Name	TSC Chemical ID	Most Recent Year Reported	Health Effects		
			Cancer	Other	Info
Benzaldehyde	138-26-2	2015			
Polystyrene Compounds	9000	2015			
Aniline	7064-41-7	2015			
Lead	7439-92-1	2014			
Diethyl Amino-Like Compounds	9100	2014			
Sulfur Acid	7804-94-9	2010			
Nitric Compounds	NA00	2005			
Hydrofluoric Acid	7667-42-0	2005			
Mercury	7439-97-6	2001			
Vanillin Compounds	9770	2001			

### Chemicals and TRI Forms

Showing 10 entries out of 11 entries

Chemical Name	TSD Chemical ID	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Amonia	7564-41-7	R	R	R	R	R	R	R	R	R	R	R	R	-	-
BenzocC <sub>6</sub> H <sub>4</sub> Pyrene	191-24-2	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Dioxin And Dioxin-Like Compounds	N150	-	R	-	-	-	-	-	R	R	R	R	R	R	R
Hydrochloric Acid	7647-01-0	-	-	-	-	-	-	-	-	-	-	R	R	R	-
Lead	7439-92-1	-	R	-	-	-	R	R	R	R	R	R	R	R	R
Mercury	7439-97-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	7440-02-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel Compounds	N495	-	-	-	-	-	-	-	-	-	-	-	-	R	-
Polycyclic Aromatic Compounds	N590	R	R	R	R	R	-	R	R	R	R	R	R	R	R
Sulfuric Acid	7664-93-9	-	-	-	-	-	-	R	R	R	R	R	R	R	R



## Releases of TRI Chemicals to the Environment

Facility Information   Chemicals   Pollution Prevention (P2)   Waste Management   **Releases**   Water Releases   Transfers   Classic View

### Trend in Releases of TRI chemicals

Releases (lbs)

Breakdown releases by:

Chemical

Chemical Name:

11 chemicals selected

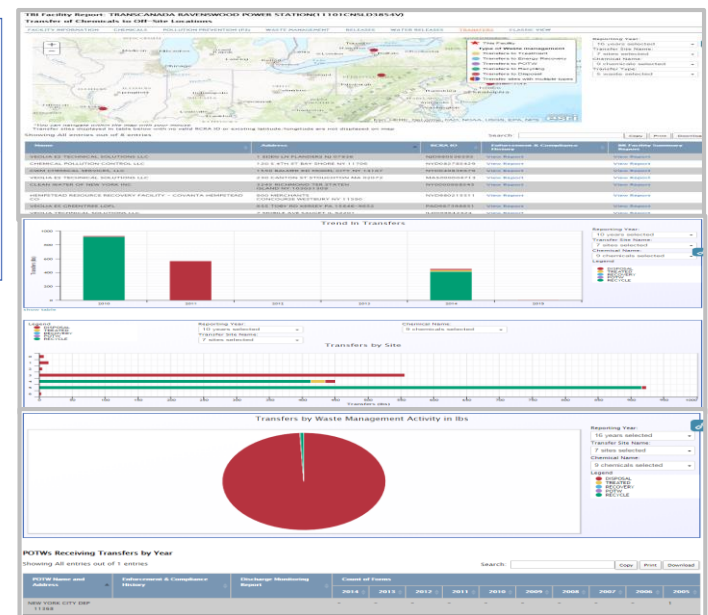
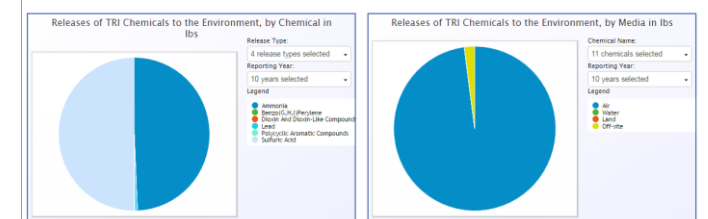
Reporting Year:

10 years selected

Legend

- Aromatics
- Benzene, Alkylbenzene
- Diene and Diene Like Compound
- Hydrocarbon, ALC
- Lead
- Organic Compounds
- Organic Compounds
- Isobut
- Phenyl, Aromatic Compounds
- Sulfur, Alcl
- Sulfonate Compounds

Year	Releases (lbs)
2006	~20,000
2007	~55,000
2008	~40,000
2009	~50,000
2010	~35,000
2011	~25,000
2012	~25,000
2013	~25,000
2014	~25,000
2015	~30,000



Source Reduction

Recycling

Energy Recovery

Treatment

Disposal or Other Releases

More Preferable

Less Preferable

<https://www.epa.gov/tri/p2>  
<https://www3.epa.gov/enviro/facts/tri/p2.html>





**EPA Mobile**  
US Environmental Protection Agency

myRight-to-Know ☒ English ☐ español

**Search** **Map** **List** **Legend and Info**

**Search**  
Learn about industrial facilities that manage toxic chemicals.

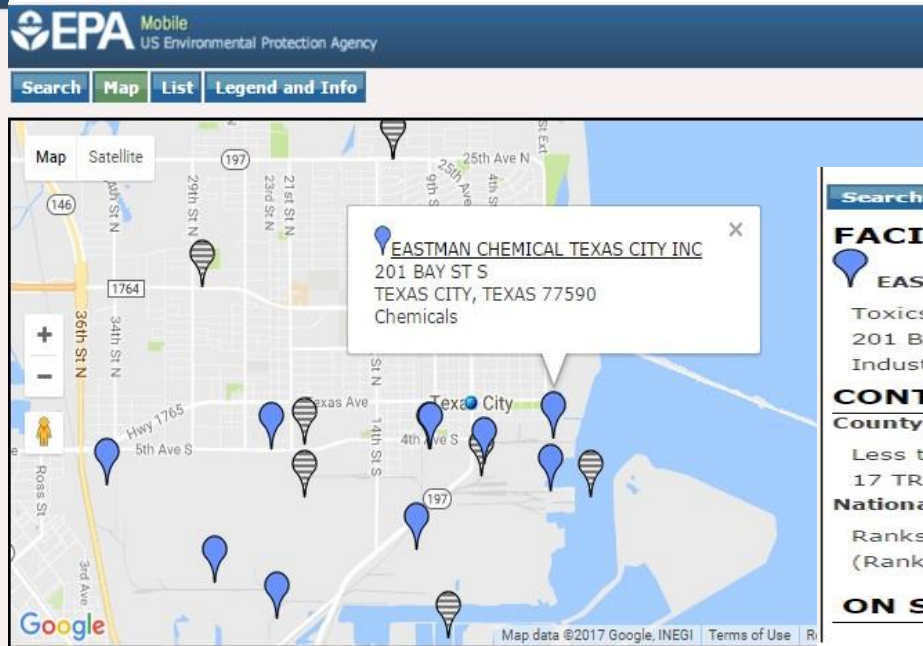
**Street**

**City**

**State**

**Zip**

**Find Facilities**



<https://www.epa.gov/tri/myrtk>  
<https://myrtk.epa.gov/info/search.jsp>

**Search** **Map** **List** **Legend and Info**

## FACILITY REPORT

**EASTMAN CHEMICAL TEXAS CITY INC**  
Toxics Release Inventory ID = 77592STRLN201BA  
201 BAY ST S, TEXAS CITY, TEXAS 77590  
Industry: Chemicals

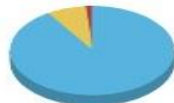
## CONTEXT

**County**  
Less than 1% of TRI releases in GALVESTON, TX  
17 TRI facilities in GALVESTON, TX

**National**  
Ranks 828 out of 2956 TRI facilities in Industry: Chemicals  
(Rank 1 = highest releases)

## ON SITE RELEASES TOTALS

## POLLUTION PREVENTION (P2) AND WASTE MANAGEMENT



Waste Management	
Method	Pounds
Recycling	0
Energy Recovery	863,474
Treatment	73,464
Releases	13,554



New Source Reduction Activities : none [Go to full P2 report](#)

## COMPLIANCE

Facility has permits/records for:

Air ☒ Water ☒ Land ☒

3 Year Compliance Status (quarterly): (Jan 14 -> Dec 16)

## ON SITE RELEASES BY CHEMICAL

	Quantity Reported (Pounds)	Health Effects	
		Cancer	Other
<u>METHANOL</u>	12,624		✓
<u>N-HEXANE</u>	433		✓
<u>CHLORINE</u>	328		✓
<u>TOLUENE</u>	91		✓
<u>BENZENE</u>	43	✓	✓
<u>ETHYLBENZENE</u>	25	✓	✓
<u>AMMONIA</u>	NR		✓
<u>SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)</u>	NR		✓

☐ Air ☐ Water ☐ Land  
NR - No on-site releases reported for this chemical

**TRI Pollution Prevention Industry Profile**

Click for Filter Menu Toggle Header

Facilities	Facilities with Source Reduction	Source Reduction Activities	Waste Managed (lb)	Releases (lb)	Barriers to Source Reduction	Free-Text Entries
107	6	27	120.62 mil.	235.92 mil.	40	68

Home Facility Map Releases Waste Managed Transfers Chemicals Source Reduction Data Summary List of Facilities



Select a Featured Profile

Food Manufacturing

Auto Manufacturing

Pharmaceutical Manufacturing

Or Search for an Industry

Industry Sector

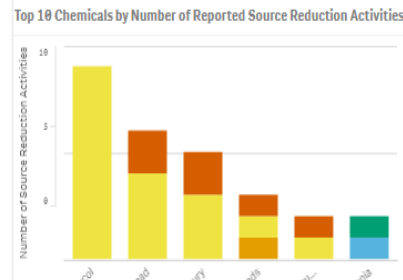
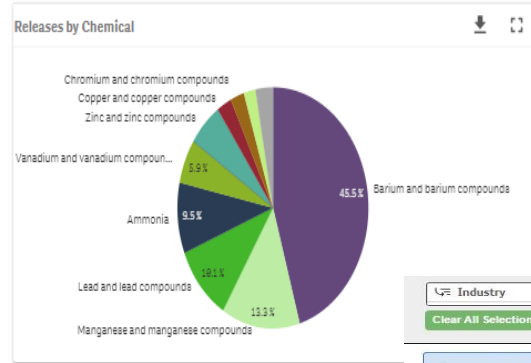
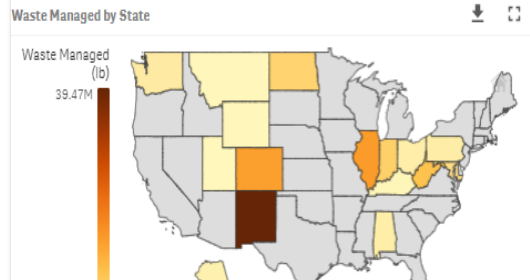
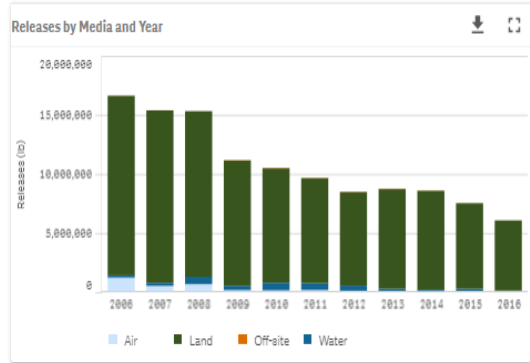
NAICS Code

Use the TRI P2 Industry Profile dashboard to analyze an industrial sector

Questions that may be answered include:

- Where are TRI facilities located?
- To what environmental medium are chemicals released?
- How do facilities manage chemical waste?
- How much waste is sent off-site to other facilities?
- What chemicals are being released and/or otherwise managed?
- What types of source reduction activities have facilities implemented?

Industry: 2121 Coal Mining



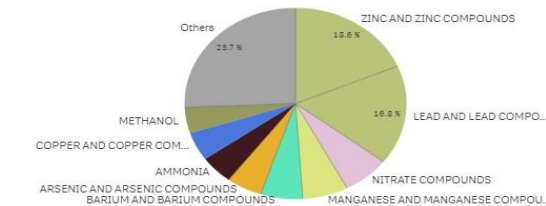
Industry  Chemical  Year  State/Territory

Clear All Selections

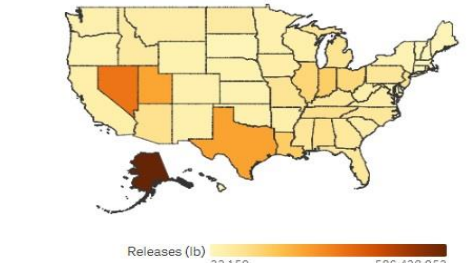
Chemicals Industry Land Disposal Air Releases Water Releases Facilities

**Total Releases by Chemical, 2015**

3,358,330,543 lb

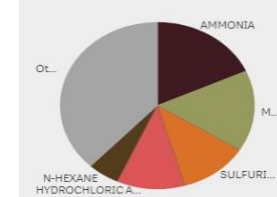


**Total Releases by State, 2015**



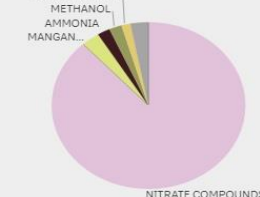
**Top 5 Chemicals by Air Releases...**

689,604,025 lb



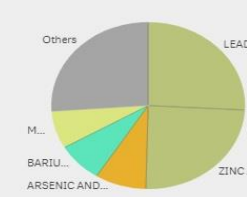
**Top 5 Chemicals by Water Releases...**

191,161,930 lb



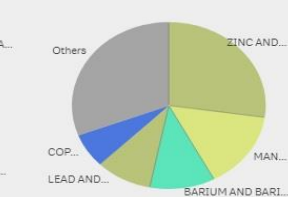
**Top 5 Chemicals by Land Releases...**

2,013,796,329 lb



**Top 5 Chemicals by Off-site Disposal...**

463,768,259 lb



TRI P2 Industry Profile Dashboard

[https://edap.epa.gov/public/extensions/TRI\\_P2\\_Industry\\_Profile/TRI\\_P2\\_Industry\\_Profile.html](https://edap.epa.gov/public/extensions/TRI_P2_Industry_Profile/TRI_P2_Industry_Profile.html)

TRI National Analysis Dashboard

[https://edap.epa.gov/public/extensions/TRINA\\_dashboard\\_2016/TRINA\\_dashboard\\_2016.html](https://edap.epa.gov/public/extensions/TRINA_dashboard_2016/TRINA_dashboard_2016.html)

Download

Tools With TRI Data

Data Dictionary

Data Help Center

Download data from TRI reporting forms for any reporting year since 1987. Recommended for users with extensive knowledge of TRI data.

- [Basic Data Files](#): Frequently requested data elements. National, Federal, Tribal and State level data files by reporting year.
- [Basic Plus Data Files](#): All data elements reported on Reporting Form R. National level data files by reporting year.
- [Dioxin, Dioxin-Like Compounds and TEQ Data Files](#): Individually-reported mass quantity data reported on Reporting Form R Schedule 1 since 2008, with associated Toxic Equivalency data elements. National level data files by current reporting year.

## TRI Basic Data Files: Calendar Years 1987 – 2016

EPA has been collecting TRI data since 1987. Files are available here in .csv format. See the [TRI Basic Data File Documentation](#) for detailed descriptions of the data fields contained in these files. **Note:** Quantities of dioxin and dioxin-like compounds are reported in grams; all other chemicals are reported in pounds.

### Update Status

- Includes reporting forms processed as of: **March 1, 2018**
- [Email us your question or comment](#)

These files consist of the data fields most frequently requested, including:

- Facility Name, Address, Latitude & Longitude Coordinates, SIC or NAICS codes,
- Chemical Identification, Classification Information,
- On-site Release Quantities,
- Publicly Owned Treatment Works (POTW) Transfer Quantities,
- Off-site Transfer Quantities for Release/Disposal, Further Waste Management,
- Summary Pollution Prevention Quantities (Section 8 of the Form R)

To view or download data files, locate the year from the options below, then select the desired file from the drop-down menu and click Go.

2016	2015	2014	2013	2012	2011
US	US	US	US	US	US
Go	Go	Go	Go	Go	Go

Sign up to be notified of changes or updates to TRI data and tools:



## TRI Data Downloads

<https://www.epa.gov/toxics-release-inventory-tri-program/tri-basic-data-files-calendar-years-1987-2016>

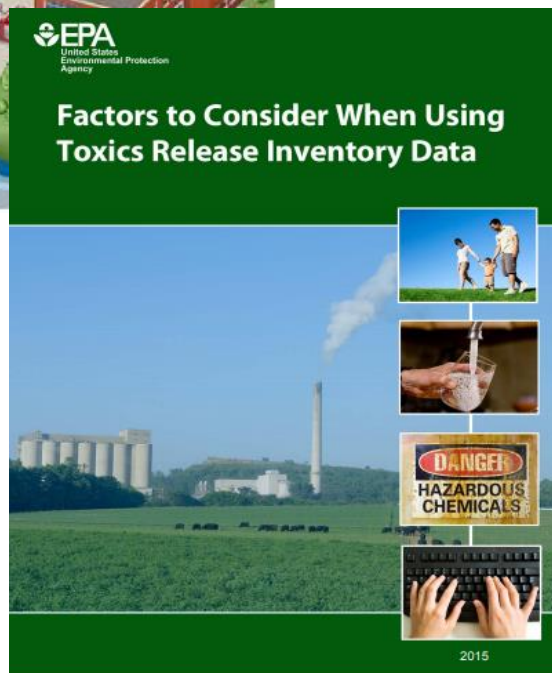




## Find, Understand and Use TRI



<https://www.epa.gov/toxics-release-inventory-tri-program/guides-and-tutorials-tri-tools>



## Guides and Tutorials for TRI Tools

Wondering how to get started with the online Toxics Release Inventory (TRI) tools and applications? These resources will help you learn the basics.

### Mobile Application

myRTK

- [Guide to Using myRTK](#)

### Access and Analysis Tools

TRI Explorer

- [Background Information and Guide](#)
- [Interactive Demonstration and Tutorials](#)

Pollution Prevention (P2) Search Tool

- [P2 Quick Start Guide](#)

Other Envirofacts Search Tools

- [Reporting Form R & A Download User Guide](#)
- [EZ Search User Guide](#)
- [Customized Search User Guide](#)



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## TRI and Estimating Potential Risk

The Toxics Release Inventory (TRI) provides data about environmental releases of toxic chemicals from industrial facilities throughout the United States, measured in pounds. The quantity of releases, however, does not indicate the level of health risk posed by the chemicals. Although TRI data can't tell you whether or to what extent you've been exposed to these chemicals, they can be used as a starting point in evaluating potential risks to human health and the environment.

On this page:

- [Is my health at risk because of toxic chemicals in my community?](#)
- [How can TRI data help me understand relative risk?](#)
- [How can I find out about the toxicity of certain chemicals?](#)
- [How is EPA working to minimize risks from toxic chemicals in my community?](#)

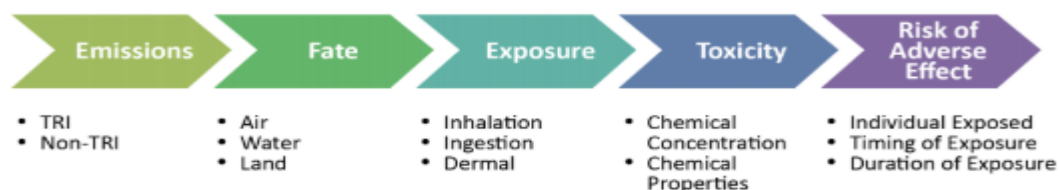
### What is Risk?

EPA considers risk to be the chance of harmful effects on human health or ecological systems resulting from exposure to an environmental stressor.

## Is my health at risk because of toxic chemicals in my community?

TRI data alone cannot answer this question; the human health risks resulting from exposure to chemicals are determined by many factors, as shown in the figure below. TRI contains some of this information, including what chemicals are released from industrial facilities; the amount of each chemical released; and the amounts released to air, water, and land.

### Overview of Factors that Influence Risk



<https://www.epa.gov/toxics-release-inventory-tri-program/tri-and-estimating-potential-risk>



## Learn about the Toxics Release Inventory

### What is the Toxics Release Inventory?

TRI tracks the management of certain toxic chemicals that may pose a threat to human health and the environment. U.S. facilities in different industry sectors must report annually how much of each chemical is released to the environment and/or managed through recycling, energy recovery and treatment. (A "release" of a chemical means that it is emitted to the air or water, or placed in some type of land disposal.)

The information submitted by facilities is compiled in the Toxics Release Inventory. TRI helps support informed decision-making by companies, government agencies, non-governmental organizations and the public.

### What are the mission and vision of the TRI Program?

The TRI Program's mission is to provide the public with information about TRI chemicals, including releases, other waste management (e.g., recycling), and pollution prevention from TRI-reporting facilities. To achieve this mission, the TRI Program:

- Develops regulations, guidance, and policies;
- Collects, manages and promotes the use of TRI data;
- Informs the public about possible exposure to TRI chemicals and related health and ecological risks, and highlights information facilities submit on reducing the use and release of these chemicals; and
- Assists government agencies, researchers, and others in research and data gathering.

<https://www.epa.gov/toxics-release-inventory-tri-program/learn-about-toxics-release-inventory>



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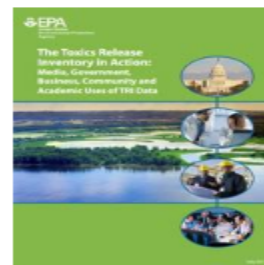
## TRI Data Uses

### What can you do with TRI?

For nearly 30 years, individuals and organizations have been relying on the Toxics Release Inventory as a powerful tool for environmental protection. Have you been wondering what you can do with TRI data?

Our 2013 report, [TRI in Action](#), includes examples of how people have been putting TRI to work. You can view the full report and see some examples highlighted in the table below.

You can also browse [How are the Toxics Release Inventory Data Used? \(2003\)](#).



[View the full report, TRI in Action](#)

TRI User Type	How TRI Can Be Used	Examples
Citizen/Community	Conduct analyses and risk assessments; identify potential public health concerns	<ul style="list-style-type: none"> <li>• <a href="#">Pollution Vanishing in the Sunshine? (2011)</a></li> <li>• <a href="#">Great Lakes Still Under Siege from Toxic Pollution (2007)</a></li> </ul>
Government	Prioritize environmental targets; evaluate effectiveness of environmental policies	<ul style="list-style-type: none"> <li>• <a href="#">Eugene Toxics Right to Know Program (1999-2011)</a></li> <li>• <a href="#">U.S. Army Sustainability Report (2009) (PDF)</a></li> </ul>
Academic	Research public exposure to toxic materials; assess environmental justice concerns	<ul style="list-style-type: none"> <li>• <a href="#">Coming Clean: Information Disclosure and Environmental Performance (2011)</a></li> <li>• <a href="#">Air Pollution Around Schools Linked to Poorer Student Health and Academic Performance (2011)</a></li> </ul>

<https://www.epa.gov/toxics-release-inventory-tri-program/tri-data-uses>

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## TRI for Communities

The Toxics Release Inventory (TRI) is a starting point for communities to learn about toxic chemicals that industrial facilities are using and releasing into the environment, and whether those facilities are doing anything to prevent pollution.



### TRI Community Basics

- [TRI Program Overview Fact Sheet](#): Overview of TRI basics for communities in a two-page handout.
- [Introduction to TRI for Communities](#): Educational slideshow.
- [TRI Photo-Storybook](#): "Fotonovela" introduction to TRI for communities in Spanish and English.
- [Explore a TRI Facility](#): Take a look inside a fictional TRI facility to learn about how and where TRI chemicals are used, and what data get reported to EPA.

<https://www.epa.gov/toxics-release-inventory-tri-program/tri-for-communities>

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## TRI University Challenge

Every year, thousands of U.S. manufacturing and other industrial facilities submit reports on their waste management practices of certain toxic chemicals, including the release of those chemicals into the environment. The Toxics Release Inventory (TRI) Program makes data about management and releases of these chemicals available to everyone through a variety of online reports, search tools, and applications.

### About the TRI University Challenge

The TRI University Challenge aims to increase awareness of the TRI Program and data within academic communities; expose students to TRI data, tools, and analysis; and generate innovative programs, activities, recommendations, or research that improve the accessibility, awareness, and use of TRI data. For questions about future TRI University Challenges, please contact Caitlin Briere at [Briere.Caitlin@epa.gov](mailto:Briere.Caitlin@epa.gov)



# Toxics Release Inventory (TRI) Program

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## TRI Compliance and Enforcement

Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) created the Toxics Release Inventory (TRI) Program. Under the requirements of EPCRA, all U.S. facilities that meet TRI reporting criteria must submit TRI data to EPA and the relevant state or tribe by July 1 of each year.



EPA investigates cases of EPCRA non-compliance and may issue civil penalties, including monetary fines, and may also require correction of the violation. EPCRA Section 313 compliance resources include inspectors and attorneys in each of EPA's 10 regional offices and at EPA headquarters.

## For more information on recent TRI enforcement actions:

- 8/24/17 - [Three Connecticut Companies Provide Public with Chemical Information Under EPA Settlements](#)
- 9/28/16 - [Compliance with Environmental Laws Helps Protect Air, Water and Land in Alaska, Idaho, Oregon and Washington](#)
- 9/23/16 - [Metal Products Company Settles with EPA for Chemical Reporting Lapses at Warwick, R.I. Facility](#)
- 8/1/16 - [SI Group Will Properly Report Chemicals and Provide Emergency Response Equipment to Rotterdam Junction Fire Department as Part of Settlement with EPA](#)
- 6/9/16 - [Northstar Casteel Products Agrees to Second EPA Settlement in Four Years Over Federal](#)

<https://www.epa.gov/toxics-release-inventory-tri-program/tri-compliance-and-enforcement>

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## 30th Anniversary of the Toxics Release Inventory (TRI) Program

October 17, 2016, marked the 30th anniversary of the TRI Program's creation under the Emergency Planning and Community Right-to-Know Act (EPCRA).

By making information about industrial management of toxic chemicals available to the public, community members, researchers, industrial facilities, investors, and government agencies can make more informed decisions that impact human health and the environment. TRI also creates a strong incentive for companies to reduce pollution and be good neighbors in their communities.

### Other TRI 30th Links

- ["30 Years of EPCRA" timeline](#)
- [TRI Anniversary blog post](#)
- [Read about TRI data in action](#)
- [Timeline of TRI milestones](#)

## Videos About the Power of TRI Data

### The Power of Community Right-to-Know:

Short overview of the importance of the information collected under the Toxics Release Inventory (TRI) Program.



## Timeline of Toxics Release Inventory Milestones

## History of the Toxics Release Inventory (TRI) Program

Learn about the origins of the world's first 'right to know' program and how it has expanded over more than three decades.

DECEMBER  
1984  
Union Carbide  
Disaster: Bhopal,  
India



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## TRI Around the World

### U.S. TRI Program: A Leader in International Chemical Release Reporting

The Environmental Protection Agency's TRI Program was established in 1986 as the first Pollutant Release and Transfer Register (PRTR) in the world. Since then, environmental agencies across the world have been increasingly implementing their own PRTR programs using TRI as a model. Currently, at least 50 countries have fully established PRTRs or have implemented pilot programs. Many more PRTRs are expected to be developed over the coming years, particularly in Central and South American countries.

The TRI Program works closely with international organizations to:

- Assist in the development of PRTR programs in other countries
- Encourage other countries to develop initiatives aimed at making existing PRTR data more comparable to allow better analysis of the data on a continental or global scale
- Make the data more useful for assessing progress towards sustainability

### International Partners

The TRI Program participates in activities to help develop PRTR programs in other countries. These organizations and activities include:

- [Organization for Economic Co-operation and Development](#)
- [Commission for Environmental Cooperation](#)
- [United Nations Institute for Training and Research](#)

<https://www.epa.gov/toxics-release-inventory-tri-program/tri-around-world>