

It's Your Right to Know!

The U.S. Environmental Protection Agency (EPA) requires certain industrial facilities across the country to report annually about the toxic chemicals they release* and what they're doing to prevent or reduce pollution. EPA's Toxics Release Inventory (TRI) tracks chemicals that may pose a threat to human health and the environment. Possible health impacts depend on many factors, including the toxicity of the chemical, and the amount and duration of exposure. You can find a lot of information about facilities in South Philadelphia that report releases to TRI, but TRI doesn't track all sources of pollution. To learn more about TRI – what it can and can't tell you – visit:

www.epa.gov/tri/communities/

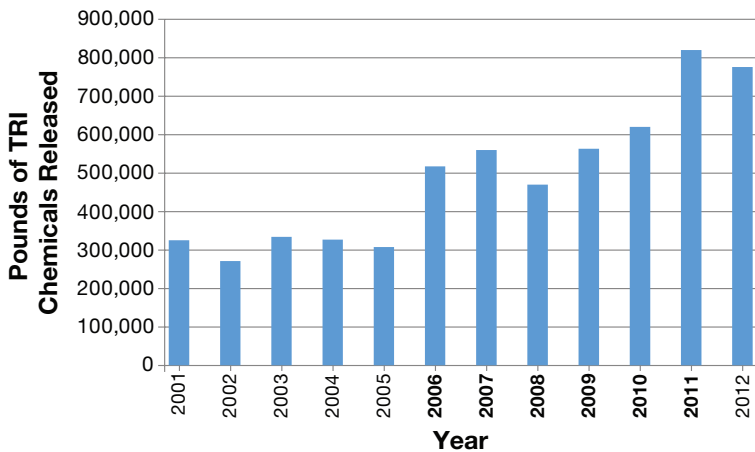
*A "release" is an emission or discharge to the air, water, and/or land.

Note: Many of the releases from TRI reporting facilities are regulated under various EPA programs and requirements designed to protect people's health and the environment.

Locations of TRI Facilities in South Philadelphia in 2012



On-site Releases of TRI Chemicals in South Philadelphia: 2001–2012

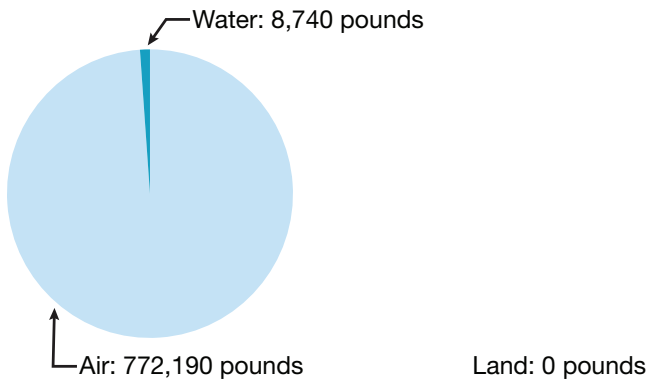


Note: The increase depicted in the trends chart for 2006–2011 (years shown in bold above) is due to increased testing and emissions estimation calculations by Philadelphia Energy Solutions Refinery (previously Sunoco Inc. R&M Philadelphia Refinery). Actual releases in S. Philadelphia have not significantly changed. Releases for Philadelphia Energy solutions Refinery decreased from 809,945 lbs. in 2011 to 762,390 in 2012.

TRI Reporting Facilities in South Philadelphia in 2012

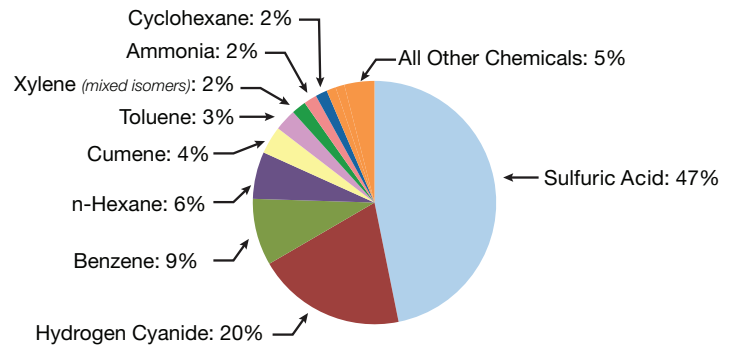
Facility Name	On-Site Releases in Pounds
Philadelphia Energy Solutions Refining Philadelphia Refinery	762,390 pounds
Ashland Performance Materials Philadelphia	9,599 pounds
Coating & Converting Technologies Corp.	8,240 pounds
Inolex Chemical Co.	672 pounds
Sunoco Partners M&T LP - Belmont Terminal	28 pounds
Exelon Corp. Schuylkill Generating Station	<1 pound

Portion of Toxic Chemicals Released On-site to Air vs. Water vs. Land in South Philadelphia in 2012



A total of 785,930 pounds of toxic chemicals were released on-site by South Philadelphia TRI facilities in 2012. The vast majority of TRI releases in South Philadelphia were released into the air.

Toxic Chemicals Released in South Philadelphia in 2012

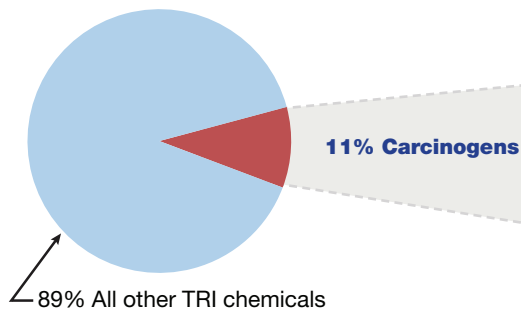


In 2012, sulfuric acid and hydrogen cyanide accounted for 67% of the on-site TRI releases.

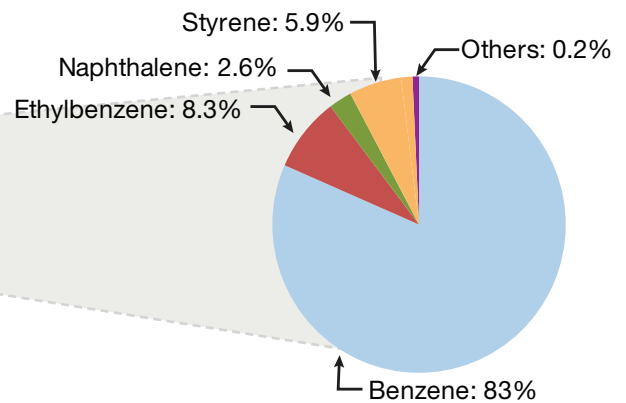
For more information about toxic chemicals, visit the Agency for Toxic Substances & Disease Registry's ToxFAQs: <http://www.atsdr.cdc.gov/toxfaqs/index.asp>.

On-site Releases of Carcinogens in South Philadelphia in 2012

On-site TRI Releases
(percentage of TRI carcinogens vs. all other TRI chemicals)



Highest Releases of TRI Carcinogens



11% of on-site TRI releases in South Philadelphia in 2012 were carcinogens. Benzene accounted for the vast majority of on-site carcinogens in South Philadelphia in 2012.

Note: A carcinogen is a chemical or other substance that can cause cancer. Releases of toxic chemicals, including carcinogens, do not necessarily mean that human health in the surrounding community has been, or will be, adversely affected.

TRI questions? Contact:

- U.S. EPA Region 3 TRI Coordinator, William Reilly, at **215-814-2072** or reilly.william@epa.gov
- TRI Information Center at **1-800-424-9346** (select menu option 3)
- TRI Communities website at <http://www.epa.gov/tri/communities>

For easy access to TRI data, visit: www.epa.gov/tri/myrtk