

## It's Your Right to Know!

U.S. EPA requires certain industrial facilities across the country to report information about their toxic chemical releases\* to EPA's **Toxics Release Inventory (TRI)**. TRI contains information about the types and amount of toxic chemicals these facilities release into the air, water, and land. Possible health impacts of releases 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 the facilities in South Philadelphia that report releases to TRI, but TRI does not include information on all sources of pollution. To learn more about TRI—what it can tell you and what it will not tell you—visit the “TRI and Your Community” website at: [www.epa.gov/tri/stakeholders/communities/](http://www.epa.gov/tri/stakeholders/communities/).

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

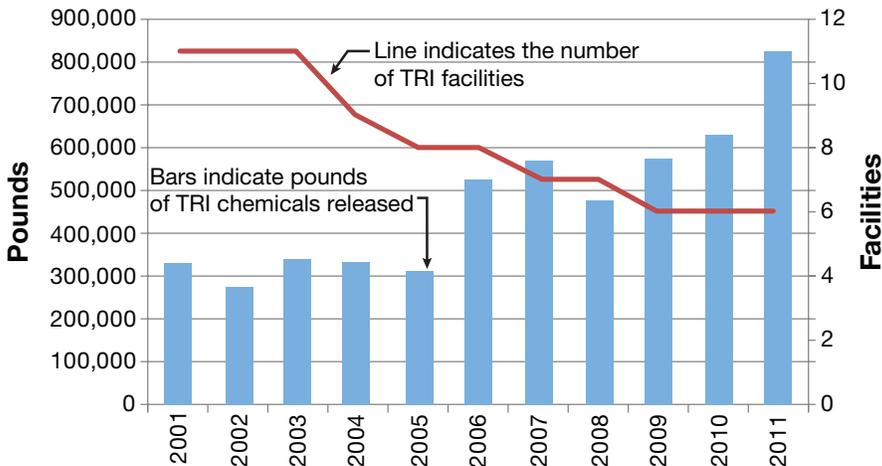
## How many facilities in South Philadelphia report toxic chemical releases to TRI? Where are they?



All data used in this fact sheet are based on the lighter area above. Facility locations are taken from <http://myrtk.epa.gov/info>

## Did toxic chemical releases in South Philadelphia go up or down over the past 11 years?

Total on-site releases of TRI chemicals, South Philadelphia, 2001-2011



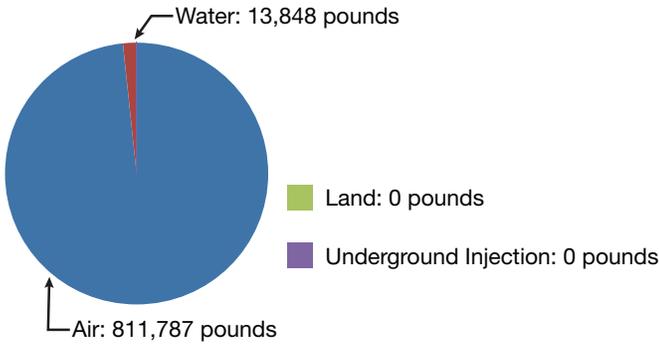
On-site TRI releases in S. Philadelphia have increased since 2001, while the total number of TRI-reporting facilities has declined.

## Which five facilities in S. Philadelphia reported on-site toxic chemical releases to TRI in 2011?

Facility Name	On-Site Releases
Sunoco Inc. (R&M) Philadelphia Refinery**	809,945 pounds
Ashland Performance Materials Philadelphia Plant	9,126 pounds
Coating & Converting Technologies Corp.	5,867 pounds
Inoex Chemical Co.	657 pounds
Sunoco Partners M&T LP - Belmont Terminal	40 pounds

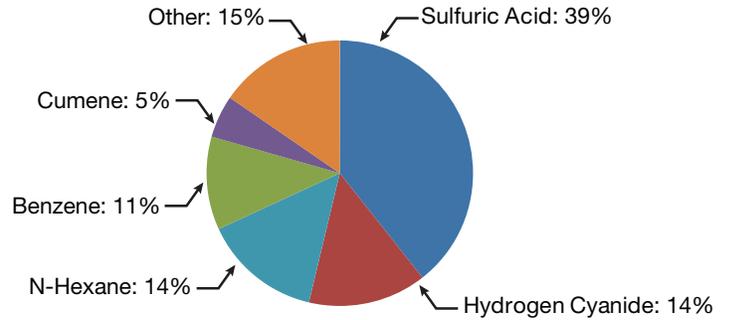
\*\* Due to a change in ownership for this facility in 2012, all historical and current TRI data are now listed under its new name, Philadelphia Energy Solutions Refining – Philadelphia Refinery.

## What portion of toxic chemicals were released on-site to air vs. water vs. land in South Philadelphia in 2011?



A total of 825,635 pounds of toxic chemicals were released on-site by South Philadelphia TRI facilities in 2011. The vast majority of TRI releases in South Philadelphia are released into the air.

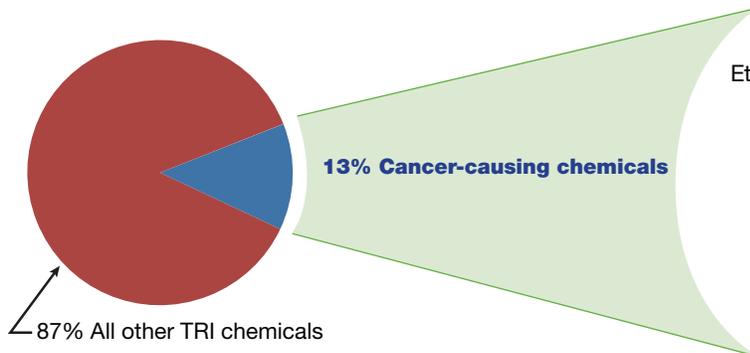
## Which chemicals account for most of the releases in South Philadelphia in 2011?



In 2011, sulfuric acid, hydrogen cyanide, and N-Hexane accounted for 67 percent of the on-site South Philadelphia TRI releases.

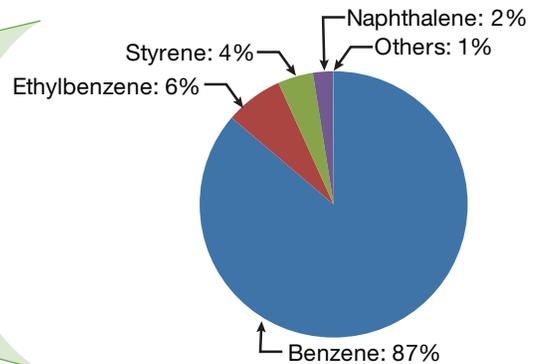
## Did TRI facilities release cancer-causing chemicals in South Philadelphia in 2011? If so, which types were released?

### Total on-site TRI releases (cancer-causing and non-cancer-causing chemicals)



13% of on-site TRI releases in South Philadelphia in 2011 were cancer-causing chemicals.

### Top cancer-causing chemicals released



Benzene accounted for the vast majority of on-site cancer-causing TRI listed chemicals in South Philadelphia in 2011.

### TRI questions? Contact:

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