

Toxicology and Environmental Health Resources from the National Library of Medicine

Cindy Love, National Library of Medicine
for King/Drew Medical Magnet High School, April 2004



- ▶ Health Information
- ▶ Library Catalog & Services
- ▶ History of Medicine
- ▶ Online Exhibitions & Digital Projects

- ▶ Human Genome Resources
- ▶ Biomedical Research & Informatics
- ▶ **Environmental Health & Toxicology**
- ▶ Health Services Research & Public Health

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- ▶ Training & Outreach
- ▶ Network of Medical Libraries

On Exhibit at NLM



Changing the Face of Medicine

Celebrating the lives and achievements of America's women physicians.

Especially for:

- The Public
- Health Care Professionals
- Researchers
- Librarians
- Publishers

Current Health News

[Low Blood Sodium Quite Common in Marathon Runners](#)
 (04/14/05)

[U.S. Tracking Dangerous Flu Strain Sent to Labs](#)
 (04/14/05)

[Traditional Risk Factors Better Than Emerging Risk Factors in Predicting Heart Disease Death in Older People with Chronic Kidney Disease](#)
 (04/14/05)

[More Health News](#)

NLM News and Press Releases

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List of NLM ▶▶
Databases and Resources



[VISIT SITE](#)

PubMed®

Biomedical journal literature from MEDLINE/PubMed



[VISIT SITE](#)

[ESPAÑOL](#)

MedlinePlus®

Health and drug information for patients, family and friends



[VISIT SITE](#)

NIH SeniorHealth

The health Web site for older adults



Toxicology and Environmental Health

TOXNET

Databases in toxicology and environmental health.

TOXLINE	HSDB	ChemIDplus
DART	TRI	IRIS
GENE-TOX	CCRIS	ITER

TOXMAP NEW

Geographic representation of Toxics Release Inventory (TRI) data.

WISER - Wireless Information System for Emergency Responders NEW

PDA application to assist first responders during hazardous materials incidents.

Haz-Map

Database on hazardous chemicals and occupational diseases.

ALTBIB

References about alternatives to the use of live animals in biomedical research and testing.

Internet Resources

Evaluated links to Internet resources on current issues including, [Indoor](#) and [Outdoor Air Pollution](#), [Chemical Warfare Agents](#), and

Toxicology Tutors

Three self-guided tutorials on toxicology.

NLM Listservs on Environmental Health and Toxicology

[NLM-TOX-ENVIRO-HEALTH-L](#)

Updates on NLM environmental health and toxicology resources (announcements only).

[MedlinePlus Environmental Health](#)

Environmental health news and new consumer health resources in MedlinePlus (weekly).

Consumer Health

[Tox Town](#)

An interactive guide to commonly encountered toxic substances.

[Household Products Database](#)

Health & safety information on consumer household products.

[MedlinePlus](#)

[Poisoning, Toxicology and Environmental Health](#)

[DIRLINE](#)

Over 10,000 health organizations.

[Health Hotlines](#)

Toll-free numbers to 300 organizations.

MEDLINE/PubMed

References from more than 4,600 biomedical journals, including the [Toxicology Subset](#)

Other Resources

[Chemical Information](#)

[Selected Toxicology Links](#)

[Education and Career Links](#)

[Reference Materials](#)

- [Bibliographies of research reports Toxicology and Environmental Health](#)

[Database descriptions](#)

[TOXNET Manual](#)

[Locatorplus](#)

The NLM catalog of books, journals, and audiovisuals.

[NLM Gateway](#)

Search multiple databases at NLM.

News and Events

Links to news items on the web site, [outreach activities](#) and a [calendar of events](#).

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Education, Careers, and Outreach in Toxicology and Environmental Health

▶ [Toxicology & Environmental Health](#) ▶ [Internet Resources](#) ▶ [Education, Careers, and Outreach](#)

Education & Outreach

- [Academic Program Directories](#)
- [Continuing Education and Tutorials](#)
- [Distance Learning](#)
- [Education Outreach](#)
- [K-12 Education](#)
- [Miscellaneous Specialized Resources](#)
- [General Science Resources](#)

Careers & Professions

- [Accreditation Boards](#)
- [Career Resources](#)
- [Professional Societies](#)

International Resources

This Web site aggregates resources related to toxicology and environmental health education, its study and teaching, career paths and opportunities, including accreditation, and outreach for the public.

Education & Outreach

■ **Academic Program Directories** (*Formal undergraduate and graduate on-site programs leading to degrees*)

- **Graduate Programs in Toxicology**

1. [Academic and Post - Doctoral Programs and Web Sites](#) - {*U.S. Society of Toxicology*}
2. [International Center for Industrial and Environmental Toxicology](#) - {*Chulabhorn Research Institute, Thailand*}

- **Programs in Environmental Health Sciences**



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Home

E-Mail

Credits

Summary

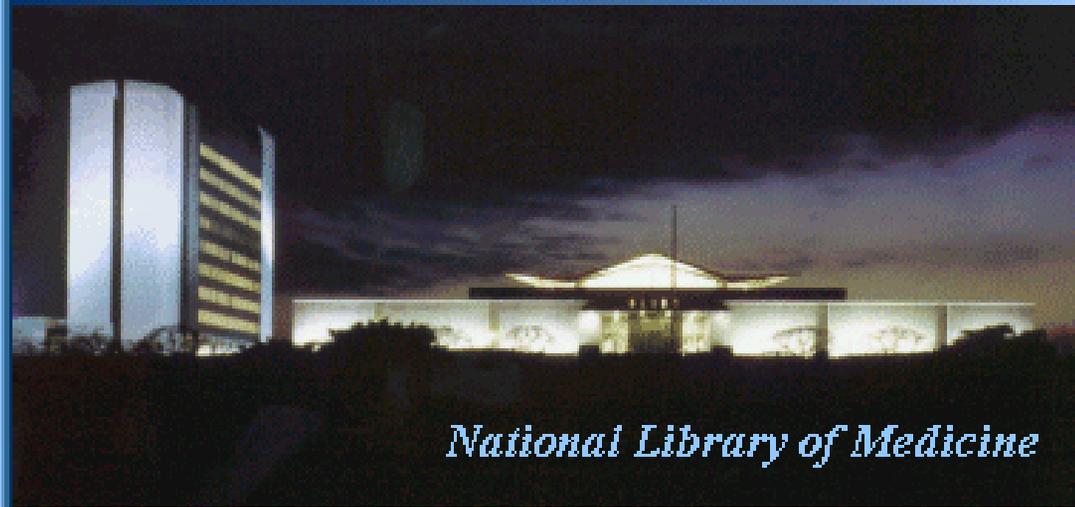
Glossary

Map

Menu

Welcome to NLM's

Toxicology Tutor I



National Library of Medicine



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TOXNET

▶ [Tox. & Env. Health](#) ▶ [TOXNET](#)

Welcome to TOXNET, a cluster of databases on toxicology, hazardous chemicals, and related areas.

Select Database

HSDB	i
IRIS	i
ITER	i
GENE-TOX	i
CCRIS	i
Multi-Databases	i
TOXLINE	i
DART/ETIC	i
TRI	i
ChemIDplus	i

Search All Databases

Enter term(s) to search all databases.

TOXNET Search Options

- Search all databases: Enter term(s) in box above
- Search a specific database: Click database at left
- Database description: Click on the [i](#)

Other NLM Resources

- [Tox/Env. Health Home Page](#)
- [Haz-Map](#)
- [Tox Town](#)
- [Household Products Database](#)
- [WISER](#) **NEW**
- [TOXMAP](#) **NEW**
- [ALTBIB](#)
- [MEDLINEplus Tox/Env. Health](#)
- [MEDLINE/PubMed](#)
- [DIRLINE](#)
- [NLM Gateway](#)

Support Pages

- [Help](#)
- [FAQ](#) **NEW**
- [Database Descriptions](#)

 [Tox/Env. Health Information Home Page](#)



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Multi-Databases	i
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ChemIDplus	i

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TOXNET Search Options

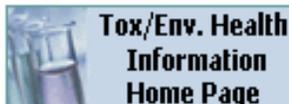
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- [TOXMAP](#) **NEW**
- [ALTBIB](#)
- [MEDLINEplus Tox/Env. Health](#)
- [MEDLINE/PubMed](#)
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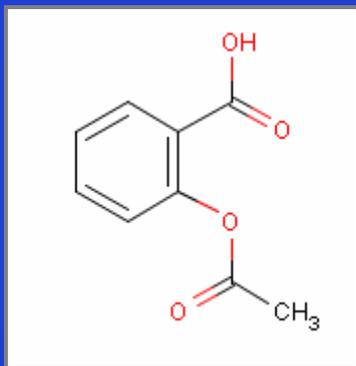
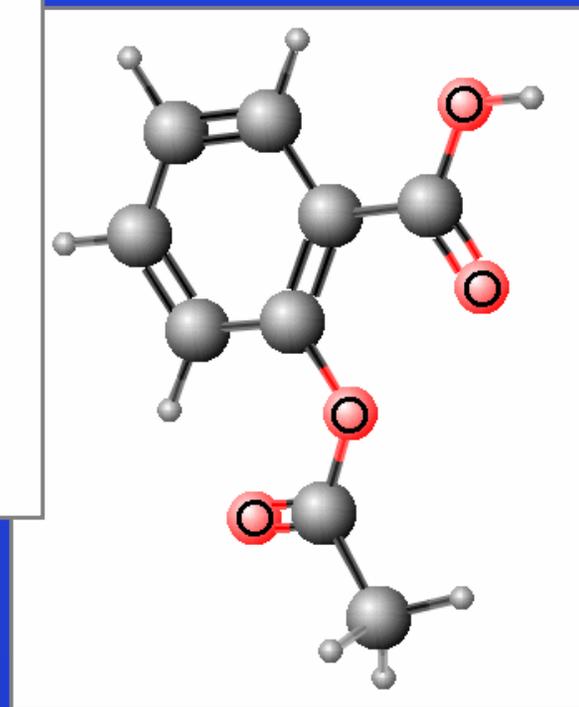
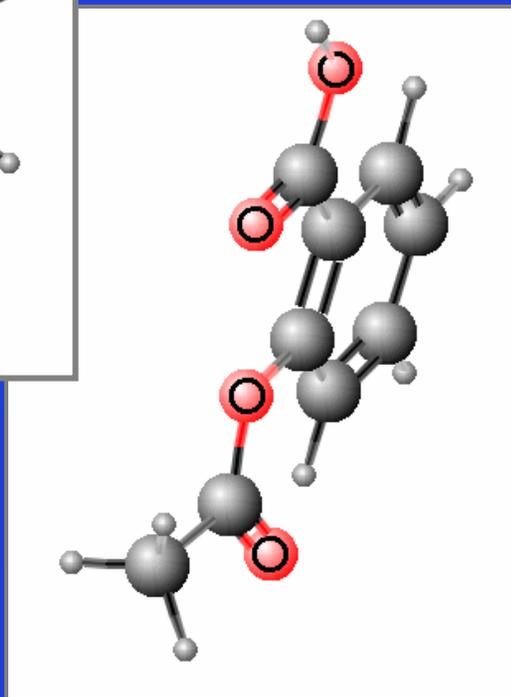
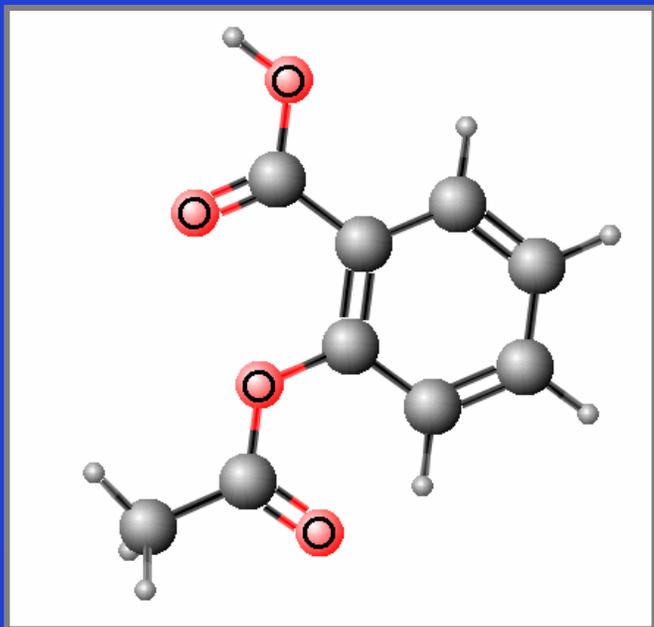
Search Results:

Database	Records found i
TOXLINE Special	17039
DART Special	208
HSDB	1776
IRIS	24
ITER	10
GENETOX	352
CCRIS	13
TRI	1041
CHEMIDplus	1

Other Related NLM Resources

Household Products	Show me
Haz-Map	Show me
TOXMAP	Map It

Aspirin





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TOXMAP - Environmental Health e-Maps

Home Facilities Releases Trends FAQ

▶ All Facilities ▶ Other Data ▶ Download ▶ About

Chemical

Reference Info

These resources may be useful for specific chemical information.

- [HSDB](#)
- [ATSDR](#)

Map Area

Toxicology Biblio. Info

Search: places

- TOXLINE Special
- TOXLINE Core on PubMed

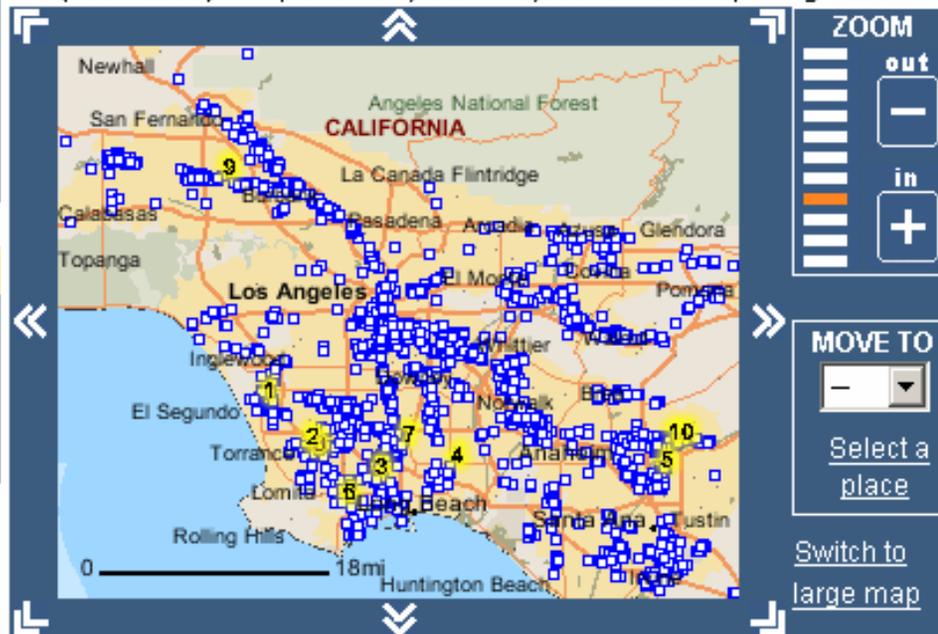
Questions

- [How accurate is TRI data?](#)

All Reporting Facilities, All Chemicals

TRI (1987-2002) - Map shows 1,782 of 48,205 facilities reporting nationwide

[Print this map](#)



Apply to this map

- [U.S. Census Data](#)
- [Reference Data](#)

Facilities reporting to TRI

[Hide list](#)

Page 1 of 179

(1,782 facilities total)

1. [CHEVRON USA INC., CHEVRON PRODS. CO. DIV.](#)
2. [EXXONMOBIL OIL CORP., TORRANCE REFY.](#)
3. [BP WEST COAST PRODS. L.L.C. CARSON](#)
4. [BOEING CO. LONG BEACH DIV.](#)

Legend [brief | detailed]



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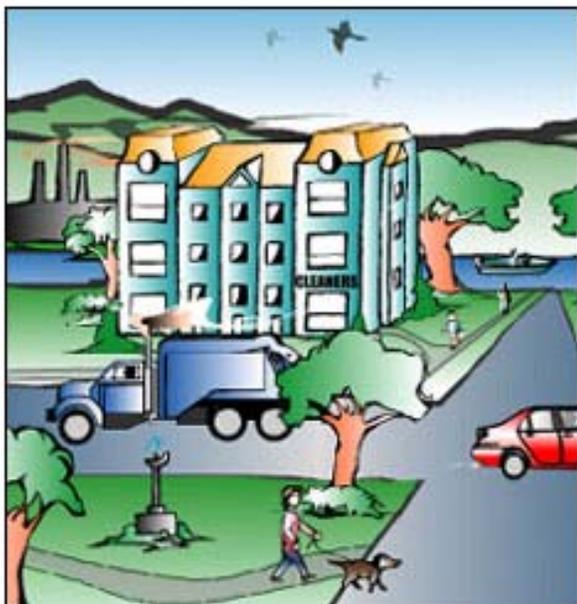
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Tox Town

Toxic chemicals and environmental health risks where you live and work

- Home
- Help
- About Tox Town
- Español
- Text Version
- What's New?
- Art & Promotion
- Site Index



Welcome to Tox Town

An introduction to toxic chemicals and environmental health risks you might encounter in everyday life, in everyday places.



[Go to Town](#)



[Go to City](#)



[Go to US-Mexico Border](#)



[Sign up for email](#)

toxtown.nlm.nih.gov

Tox Town introduces

- Environmental health concerns
- Toxic chemicals and other substances

To

- Students
- Interested public



Town neighborhood – Factory location

Home	(((Sound ON)))	Town Map	Help	About	Español	Tox & Health	Neighborhoods
------	----------------	----------	------	-------	---------	--------------	---------------

Drinking Water	Factory	Farm	Homes	Offices & Stores	School	More Locations
----------------	---------	------	-------	------------------	--------	----------------

Arsenic	Asbestos	Benzene	Carbon Monoxide	Chromium	Lead	More Chemicals
---------	----------	---------	-----------------	----------	------	----------------

Factory

- Industries and Your Health
 - Chemicals in Industry
- Web links from MedlinePlus**
(National Library of Medicine)
- Air Pollution
 - Ergonomics
 - Noise
 - Occupational Health
 - Radiation Exposure
- Haz-Map**
Occupational Health Info
(National Library of Medicine)
 - Hazardous Substances Data Bank**
4500+ chemicals
(National Library of Medicine)
 - National Institute for Occupational Safety & Health**
home page

Text Version

Topic last reviewed 9/22/03

Close Window

City neighborhood – Pests

Home ((Sound ON)) City Map Help About Español Tox & Health Neighborhoods



Pests : Insects, Rodents

- **Healthy Pest Control**
- Web links from MedlinePlus**
(National Library of Medicine)
- Bites and Stings
- Dengue
- Hantavirus Infections
- Insect Bites and Stings
- Lyme Disease
- Malaria
- Parasitic Diseases
- Pesticides
- Plague
- Tick Bites
- West Nile Virus

Airplane Brownfield Construction Drinking Water EMFs Factory More Locations

Text Version

Topic last reviewed 9/22/03

Arsenic Asbestos Benzene Carbon Monoxide Chromium Lead More Chemicals

Close Window

US-Mexico Border neighborhood

[Home](#)

[\(\(\(Sound ON\)\)\)](#)

[Map](#)

[Help](#)

[About](#)

[Español](#)

[Tox & Health](#)

[Neighborhoods](#)



[Auto Shop](#)

[Colonia](#)

[Crop Fields](#)

[Drinking Water](#)

[Maquiladora](#)

[Tienda](#)

[All Locations](#)

[Arsenic](#)

[Asbestos](#)

[Benzene](#)

[Carbon Monoxide](#)

[Chromium](#)

[Lead](#)

[All Chemicals](#)

Farm neighborhood – coming soon

[Home](#)

[\(\(\(Sound ON\)\)\)](#)

[Farm Map](#)

[Help](#)

[About](#)

[Español](#)

[Tox & Health](#)

[Neighborhoods](#)



[Animal Waste](#)

[Barn](#)

[Feeding Operation](#)

[Home](#)

[Land Fill](#)

[Outdoor Air](#)

[All Locations](#)

[Arsenic](#)

[Asbestos](#)

[Benzene](#)

[Carbon Monoxide](#)

[Chlorine](#)

[Chromium](#)

[All Chemicals](#)

Environmental Health Concerns in Tox Town

Air Pollution

Child Safety

Drinking Water

Ergonomics

Fire Safety

Farm Safety

Food Safety

Heat Illness

Household Poisons

Hypothermia

Indoor Air Quality

Insect Bites and Stings

Molds

Noise

Occupational Health

Pfiesteria Infections

Poisoning

Radiation Exposure

Radon

Secondhand Smoke

Sun Exposure

Water Safety - Recreational

And many, many more!

Chemicals in Tox Town

Arsenic

Ozone

Asbestos

Particulate Matter

Benzene

Pesticides

Carbon Monoxide

Phthalates

Chromium

Radon

Lead

Sulfur Dioxide

Mercury

Toluene

Nitrogen Oxides

Volatile Organic Compounds

Ballou High School

Washington Post headlines

- Mercury Is Stolen, Spread at Ballou High [Oct 2]
- Ballou May Be Shut for Month
- Ballou Plans Screenings for Mercury
- Mercury Found on More Ballou Clothing
- Student's Home Has Excessive Mercury Levels
- Delayed 911 Call, Lack of Information Hurt Effort at Ballou High
- Certified Free of Mercury, Ballou High to Reopen [Nov 5, 2003]

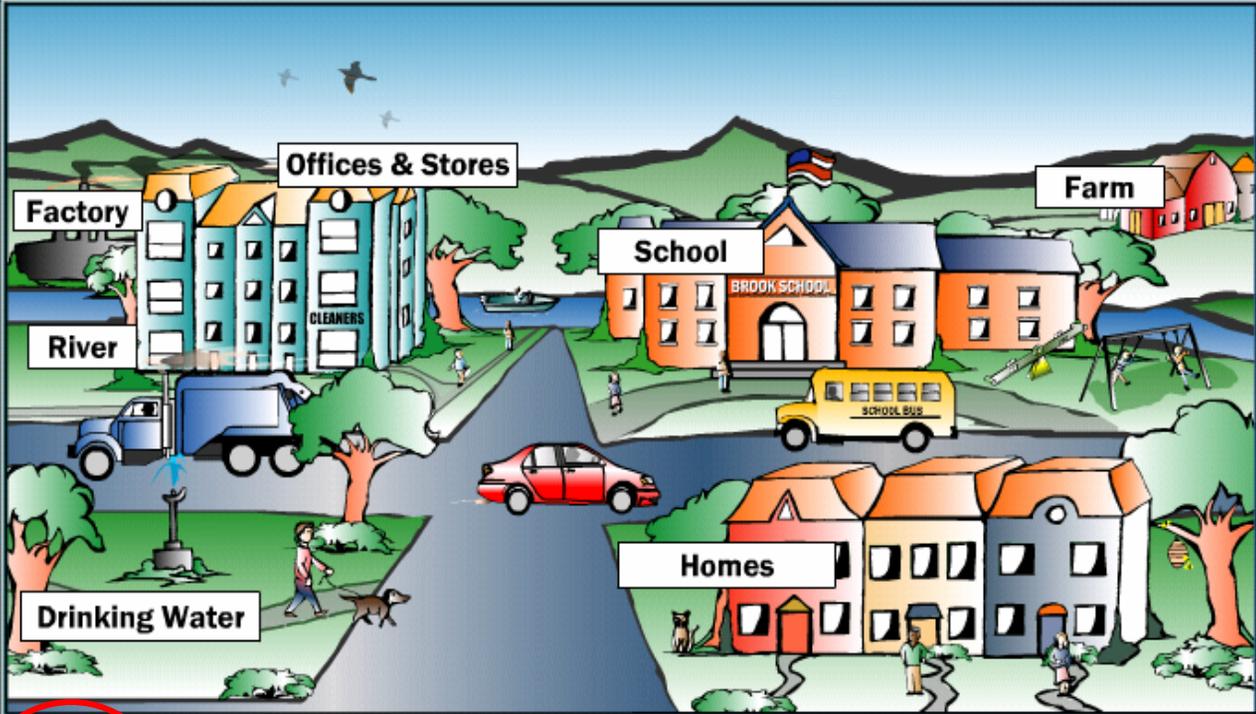
What if this happened at your school?

You'll need info that is

- Unbiased
- Authoritative and science-based
- Available on the Internet for rapid distribution
- Introductory-to-comprehensive in scope
- Available in a range of reading levels and science literacy levels

Tox Town – Mercury

Home	(((Sound ON)))	Town Map	Help	About	Español	Tox & Health	Neighborhoods
------	----------------	----------	------	-------	---------	--------------	---------------



Drinking Water	Factory	Farm	Homes	Offices & Stores	School	More Locations
----------------	---------	------	-------	------------------	--------	----------------

Mercury can be found in air, water and freshwater fish. Can harm the nervous system.

Arsenic	Asbestos	Benzene	Carbon Monoxide	Chromium	Lead	More Chemicals
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Chemicals
<input type="radio"/> Arsenic
<input type="radio"/> Asbestos
<input type="radio"/> Benzene
<input type="radio"/> Carbon Monoxide
<input type="radio"/> Chromium
<input checked="" type="radio"/> Lead
<input type="radio"/> Mercury
<input type="radio"/> Nitrogen Oxides
<input type="radio"/> Ozone
<input type="radio"/> Particulate Matter
<input type="radio"/> Pesticides
<input type="radio"/> Phthalates
<input type="radio"/> Radon
<input type="radio"/> Sulfur Dioxide
<input type="radio"/> Toluene
<input type="radio"/> Volatile Organic Compounds

Close Window

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Home ((Sound ON)) Town Map Help About Español Tox & Health Neighborhoods

Drinking Water Factory Farm Homes Offices & Stores School All Locations

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Arsenic Asbestos Benzene Carbon Monoxide Chlorine Chromium All Chemicals

Mercury

- **What is mercury?**
- **Mercury**
(web links from the National Library of Medicine)
- **Mercury**
home page (Environmental Protection Agency)
- **Mercury. ToxFAQs**
(Agency for Toxic Substances and Disease Registry)
- **Mercury Compounds. Hazardous Substances Data Bank**
(National Library of Medicine)

Text Version

Topic last reviewed 10/1/04

Close Window

Tox Town – Mercury

Home ((Sound ON)) Town Map Help About Español **Tox & Health** Neighborhoods

Drinking Water Factory Farm Homes Offices & Stores School More Locations

Mercury can be found in air, water and freshwater fish. Can harm the nervous system.

Arsenic Asbestos Benzene Carbon Monoxide Chromium Lead More Chemicals

Chemicals

- Arsenic
- Asbestos
- Benzene
- Carbon Monoxide
- Chromium
- Lead
- **Mercury**
- Nitrogen Oxides
- Ozone
- Particulate Matter
- Pesticides
- Phthalates
- Radon
- Sulfur Dioxide
- Toluene
- Volatile Organic Compounds

Close Window



Toxicology and Environmental Health

TOXNET

Databases in toxicology and environmental health.

TOXLINE	HSDB	ChemIDplus
DART	TRI	IRIS
GENE-TOX	CCRIS	ITER

TOXMAP NEW

Geographic representation of Toxics Release Inventory (TRI) data.

WISER - Wireless Information System for Emergency Responders NEW

PDA application to assist first responders during hazardous materials incidents.

Haz-Map

Database on hazardous chemicals and occupational diseases.

ALTBIB

References about alternatives to the use of live animals in biomedical research and testing.

Internet Resources

Evaluated links to Internet resources on current issues including, [Indoor](#) and [Outdoor Air Pollution](#), [Chemical Warfare Agents](#), and

Toxicology Tutors

Three self-guided tutorials on toxicology.

NLM Listservs on Environmental Health and Toxicology

[NLM-TOX-ENVIRO-HEALTH-L](#)

Updates on NLM environmental health and toxicology resources (announcements only).

[MedlinePlus Environmental Health](#)

Environmental health news and new consumer health resources in MedlinePlus (weekly).

Consumer Health

[Tox Town](#)

An interactive guide to commonly encountered toxic substances.

[Household Products Database](#)

Health & safety information on consumer household products.

[MedlinePlus](#)

[Poisoning, Toxicology and Environmental Health](#)

[DIRLINE](#)

Over 10,000 health organizations.

[Health Hotlines](#)

Toll-free numbers to 300 organizations.

MEDLINE/PubMed

References from more than 4,600 biomedical journals, including the [Toxicology Subset](#)

Other Resources

[Chemical Information](#)

[Selected Toxicology Links](#)

[Education and Career Links](#)

[Reference Materials](#)

- [Bibliographies of research reports Toxicology and Environmental Health](#)

[Database descriptions](#)

[TOXNET Manual](#)

[Locatorplus](#)

The NLM catalog of books, journals, and audiovisuals.

[NLM Gateway](#)

Search multiple databases at NLM.

News and Events

Links to news items on the web site, [outreach activities](#) and a [calendar of events](#).

tox.nlm.nih.gov

What is mercury?



Tox Town

An interactive guide to commonly encountered toxic substances

[Tox Town - home page](#)

MERCURY

What is mercury?

Mercury is a metal that occurs naturally in the environment. It comes in several odorless forms. It can be a shiny, silver-white liquid, or a tin-white solid. If it is heated, it becomes a colorless gas. The chemical symbol for mercury is **Hg**.

Mercury is used in some thermometers, barometers, vapor and fluorescent lamps, mirror coatings, dental fillings, batteries, pharmaceuticals, and agricultural chemicals. Mercury salts are sometimes used in skin-lightening and antiseptic creams.

Mercury is used to make electrical equipment, wire, and switching devices; to extract gold and silver from ores; and to produce chlorine gas and caustic soda, a liquid chemical. Mercury compounds were once used in latex paints, but were banned from that use in 1990.

Skip navigation



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español

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Mercury

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- [News](#)
- [Overviews](#)
- [Clinical Trials](#)
- [Specific Conditions](#)
- [Prevention/Screening](#)
- [Related Issues](#)
- [Research](#)
- [Organizations](#)
- [Women](#)
- [Children](#)

Search MEDLINE/PubMed for recent research articles on

- Mercury:
- [General](#)
 - [Mercury poisoning](#)

You may also be interested in

Latest News

- [EPA Releases 12th Annual National Listing of Fish Advisories](#) (08/24/2004, Environmental Protection Agency)

Overviews

- [Mercury](#) (Agency for Toxic Substances and Disease Registry)
Also available in: [Spanish](#)
- [Mercury](#) (Environmental Protection Agency)
- [Mercury in the Environment](#) (U.S. Geological Survey)
- [Public Health Statement for Mercury](#) (Agency for Toxic Substances and Disease Registry)
- [Tox Town](#) (National Library of Medicine) - Requires Flash Player

Clinical Trials

- [ClinicalTrials.gov: Mercury Poisoning](#) (National Library of Medicine)
- [ClinicalTrials.gov: Mercury](#) (National Institutes of Health)

Specific Conditions

- [Consumer Update: Dental Amalgams](#) (Food and Drug Administration)
- [Dental Filling Options: Frequently Asked Questions](#) (American Dental Association)
- [Frequently Asked Questions About Mercury Fever Thermometers](#) (Environmental Protection Agency)

Go Local

Health services in:

- [Missouri](#)
- [North Carolina](#)

[Other states coming - learn more](#)



The primary NIH organization for research on [Mercury](#) is the [National](#)

medlineplus.gov

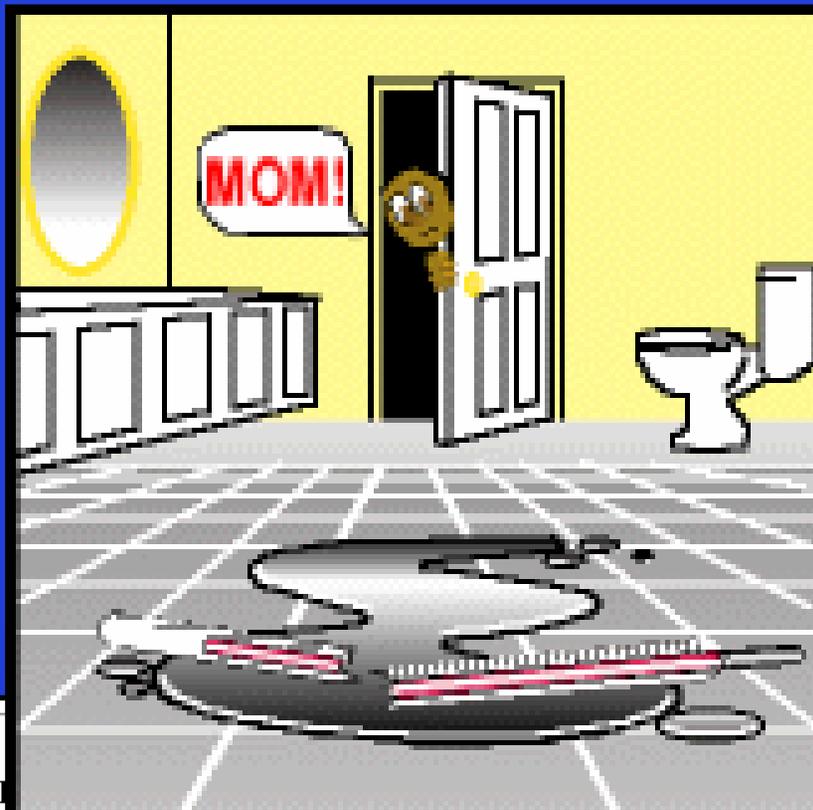


In celebration of the 30th anniversary of the Clean Water Act, EPA presents

A Guide to Healthy Eating of the Fish You Catch



Mercury resources



Elemental Mercury and Mercury Compounds

Name: Elemental Mercury and Mercury Compounds

Description:

Bottle or container labeled as mercury or with the periodic symbol 'Hg', possibly in a dentist's office, laboratory or in an industrial business. Properties of elemental mercury are liquid at room temperature, but with a metallic and shiny appearance, conductive, and highly volatile.

CAUTION! If a substance appears to be mercury, but is not labeled as such nor labeled as another material, contain the material and have a laboratory test the material to conclude what the substance is. When handling the unidentified material, take all safety precautions in handling the material so as to not come in contact with the material nor to introduce the material into the environment. If a spill does occur, follow the proper safety guidelines to [clean up and contain the spilled mercury](#).



Storage of Elemental Mercury:

- Elemental Mercury should be stored in non-breakable, labeled containers with the lids on tight. It should not be kept in rooms with carpet nor rugs on the floor. In the event of a spill, carpet and rugs will absorb the mercury, thus making it more difficult to clean up the spill.
- If you do have a spill, you should:



Developed in collaboration with the U.S. Public Health Service

Contract all categories

Contents

Expand all categories

Select Clear

-  [FULL RECORD](#)
-  [BEST SECTIONS](#)
-   [Human Health Effects](#)
-   [Emergency Medical Treatment](#)
-   [Animal Toxicity Studies](#)
-   [Metabolism/Pharmacokinetics](#)
-   [Pharmacology](#)
-   [Environmental Fate & Exposure](#)
-   [Environmental Standards & Regulations](#)
-   [Chemical/Physical Properties](#)
-   [Chemical Safety & Handling](#)
-   [Occupational Exposure Standards](#)
-   [Manufacturing/Use Information](#)
-   [Laboratory Methods](#)
-   [Special References](#)
-   [Synonyms and Identifiers](#)
-   [Administrative Information](#)

MERCURY, ELEMENTAL

CASRN: 7439-97-6

This record contains information for mercury in its zero valence state only. For general toxicology and environmental fate of the mercury ions and inorganic mercury compounds, refer to the MERCURY COMPOUNDS record; for compound-specific information, refer to the appropriate individual records, e.g., mercuric oxide, mercurous oxide, etc.

For other data, click on the Table of Contents

Human Health Effects:

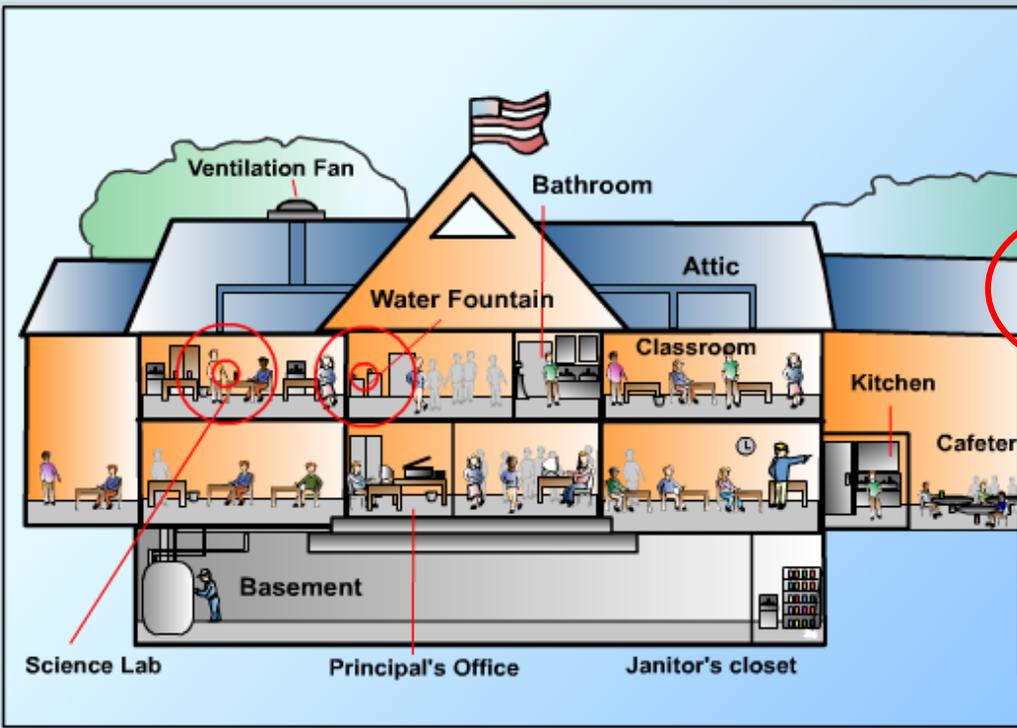
Toxicity Summary:

IDENTIFICATION: In its elemental form, **mercury** is a heavy silvery liquid at room temperature and has a very high vapour pressure. **Mercury** vapor is more soluble in plasma, whole blood, and hemoglobin than in distilled water, where it dissolves only slightly. The major natural sources of **mercury** are degassing of the earth's crust, emissions from volcanoes, and evaporation from natural bodies of water. (The world-wide mining of **mercury** is estimated to yield about 10,000 tons per year. The activities lead to some losses of **mercury** and direct discharges to the atmosphere). Other important sources are fossil fuel combustion, metal sulfide ore smelting, gold refining, cement production, refuse incineration, and industrial applications of metals. A major use of **mercury** is as a cathode in the electrolysis of sodium chloride. **Mercury** is used in the electrical industry, in control instruments in the home and industry, and in laboratory and medical instruments. A very large amount of **mercury** is used for the extraction of gold. Dental silver amalgam for tooth filling contains large

Hazardous Substances Data Bank

Tox Town – School

Home ((Sound ON)) Town Map Help About Español Tox & Health Neighborhoods



- Arsenic
 - Asbestos
 - Benzene
 - Carbon Monoxide
 - Lead
 - Mercury
 - Nitrogen Oxides
 - Particulate Matter
 - Pesticides
 - Phthalates
 - Radon
 - Toluene
 - Volatile Organic Compounds
- Return to Town

School

- Healthy Schools
 - Chemicals at School
- Web links from MedlinePlus
(National Library of Medicine)
- Child Safety
 - Drinking Water
 - Fire Safety
 - Household Poisons
 - Indoor Air Pollution
 - Molds
 - Pesticides
 - Poisoning
 - School Health
 - Secondhand Smoke
 - Healthy School Environments
(Environmental Protection Agency)
 - Environmental Virtual Campus
(Massachusetts Institute of Technology)

Drinking Water Factory Farm Homes Offices & Stores School All Locations

Arsenic Asbestos Benzene Carbon Monoxide Chlorine Chromium All Chemicals

Text Version
Topic last reviewed 10/1/04
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[EPA Mercury Page](#) | [National Mercury Map](#) | [Let Us Know](#) | [Search](#) | [Contact Us](#)
[About the Project](#) | [Mercury in Schools and Homes](#) | [Taking Action](#) | [Tools & Resources](#) | [Upcoming Events](#)

About the Project



The About the Project section provides in details about our project. Our online courses about mercury in schools and the community are also listed here.



EPA Mercury Page

This link will leave the Mercury In School web site and direct you to EPA mercury page.

Mercury in Schools and Homes



The Mercury in Schools and Homes section explains the importance of mercury as a school and community issue and helps you to identify where mercury is most likely to be found.

Taking Action



The Taking Action section focuses on pollution prevention, spills and mercury related legislation and collection programs.

Where is Mercury in Schools?



Mercury in Schools



Tox Town en español



[Página principal](#) | [Escenas & Sitios](#) | [Sustancias químicas](#) | [Inglés - página principal](#)

Tox Town ofrece enlaces a información en inglés sobre sustancias químicas tóxicas y temas de salud ambiental que son motivo de preocupación. Algunas de estas hojas informativas también se publican en español y se enumeran a continuación.

[Escenas & Sitios](#)

Seleccione uno de los sitios para obtener más información sobre las sustancias químicas que podrían encontrarse ahí. Vaya a los enlaces para obtener información particular en Internet.

[Sustancias químicas](#)

Seleccione una de las sustancias químicas y vaya a los enlaces para obtener información.



Tox Town en español



[Página principal](#) | [Escenas & Sitios](#) | [Inglés - página principal](#)

Sustancias químicas

Arsénico

[Arsénico](#) (enlaces virtuales desde la Biblioteca Nacional de Medicina)

[Arsénico](#) (archivo pdf) (Departamento de Salud y Servicios para Personas Mayores de New Jersey)

Asbesto

[Asbesto/Asbestosis](#) (enlaces virtuales desde la Biblioteca Nacional de Medicina)

[Asbesto](#) (archivo pdf) (Departamento de Salud y Servicios para Personas Mayores de New Jersey)

en español

toxtown.nlm.nih.gov/espanol

Spanish
Resources

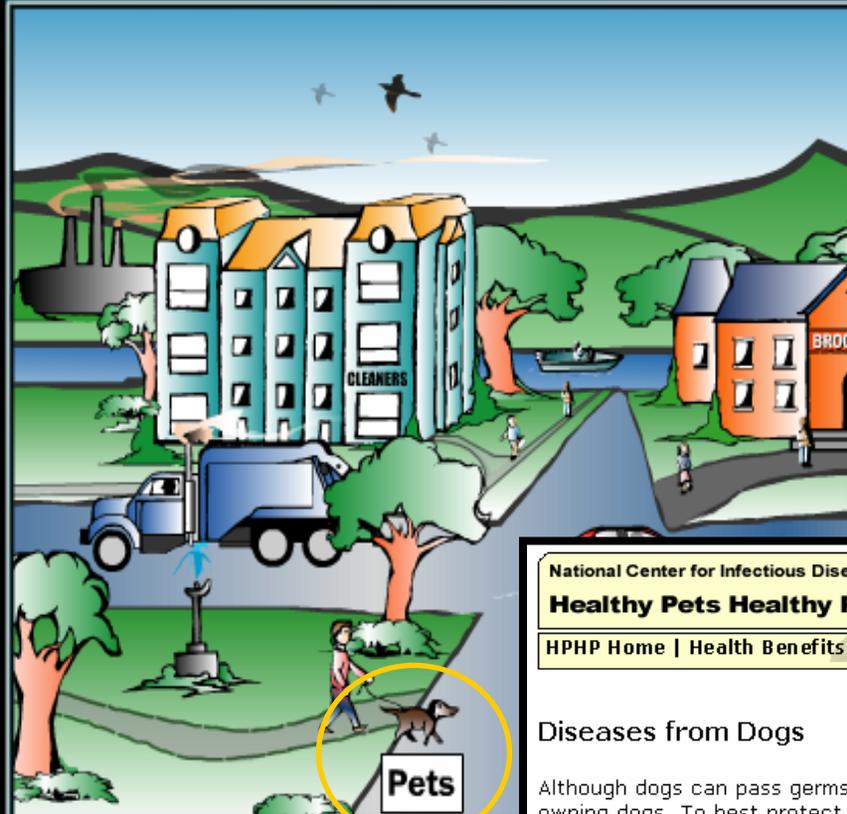
Can my dog affect my health?

Can my dog affect my health?

Home (((Sound ON))) Town Map Help About Español Tox & Health Neighborhoods

Pets

● Indoor Environmental Asthma Triggers - Pets (Environmental Protection Agency)



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Animal Diseases and Your Health

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Latest News

- [Four More Vietnamese Suspected to Have Bird Flu](#) (03/30/2005, Reuters Health)
- [Yets See Reemergence of Dog to Human Disease](#) (03/29/2005, Scripps Howard News Service)

Contents of this page:

National Center for Infectious Diseases
Healthy Pets Healthy People



[HPHP Home](#) | [Health Benefits](#) | [Contact Us](#)

Diseases from Dogs

Although dogs can pass germs to people, you are not likely to get sick from touching or owning dogs. To best protect yourself from getting sick, thoroughly wash your hands with running water and soap after contact with dogs, dog saliva, or dog feces (stool).

Dogs can carry a variety of germs that can make people sick. Some of these germs are common and some are rare. For example, puppies may pass the bacterium *Campylobacter* in their feces (stool). This germs can cause diarrhea in people. Less often, dogs in urban or rural areas can carry the bacterium *Leptospira* (lep-TO-spy-ruh). This germ causes the disease leptospirosis (lep-to-spi-roh-sis) in people and animals. Dogs can also carry rabies, a deadly viral disease. Rabies from dogs is rare in the United States.

Some people are more likely than others to get diseases from dogs. A person's age and health status may affect his or her immune system, increasing the chances of getting sick. People who are more likely to get diseases from dogs include infants, children younger than 5 years old, organ transplant patients, people with HIV/AIDS, and people being treated for cancer. [Special advice](#) is available for people who are at greater risk than others of getting diseases from animals.

Important Tip!

Many germs can be passed to people from dog bites. Learn more about how to prevent dog bites from the [Humane Society of the United States](#).



Your parents are planning to buy a new car.

Can you suggest some models that are less polluting?

Cars and Pollution

Home ((Sound ON)) City Map Help About Español Tox & Health Neighborhoods



Vehicles

Motor Vehicles

- **Chemicals and Vehicles**
- Web links from MedlinePlus**
(National Library of Medicine)
 - **Air Pollution**
 - **Motor Vehicle Safety**
- **Clean Cities**
home page for alternative fuels
(Dept. of Energy)
- **Clean School Bus USA**
home page (Environmental
Protection Agency)

www.fueleconomy.gov

[Links](#) | [FAO](#) | [Site Map](#) | [Search](#) | [Contacts](#)



 United States Department of Energy
Energy Efficiency and Renewable Energy

United States 
Environmental Protection Agency

Find and Compare Cars ▶

Gas mileage (MPG), greenhouse gas emissions, air pollution ratings, and safety information for new and used cars and trucks

Gasoline Prices ▶

Gas Mileage Tips ▶

Advanced Technology ▶

About Fuel Economy Ratings ▶

Why is Fuel Economy Important? ▶

Special Features

 **Hybrid Vehicles**
[How Hybrids Work](#)
[Possible Tax Incentives](#)

 **Fuel Economy Ratings**
[How Vehicles are Tested](#)
[Why Your MPG May Differ](#)

 **Fuel Cells**
[How Fuel Cells Work](#)
[Fuel Cell Vehicles](#)

 **2005 Fuel Economy Guide**

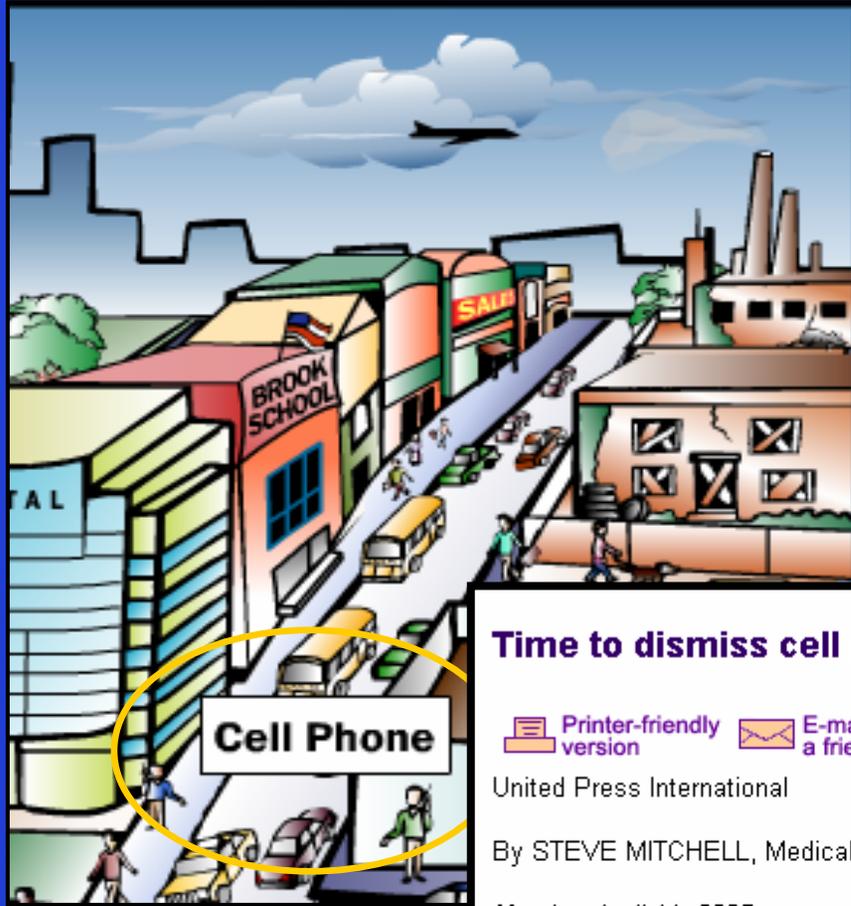
Your MPG....



'Your MPG' can help you calculate and track your fuel economy and compare it with others'

Cell phones – can they affect your health?

Cell phones – can they affect your health?



Cell Phone

● What are Electromagnetic Fields?

Web links from MedlinePlus
(National Library of Medicine)

- **Electromagnetic Fields**
- **Establishing a Dialogue on Risks from Electromagnetic Fields**
(World Health Organization)

Another Study Finds No Cell Phone-brain Cancer Link

Time to dismiss cell phone-cancer link?

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 [E-mail to a friend](#)

United Press International

By STEVE MITCHELL, Medical Correspondent

Monday, April 11, 2005

WASHINGTON, Apr 11, 2005 (United Press International via COMTEX) — A new study of cell phones and brain tumors and reached the same conclusion as the bulk of other studies.

The accumulation of studies, nearly all dismissing the cell phone-cancer link, has led the American Cancer Society and the World Health Organization, to conclude that there is no link between cell phone use and cancer.

So can the book finally be closed on the issue? Almost, but not quite. A new study released Monday that appears in the April 12 issue of the journal *Neurology* found no link between cell phone use and brain cancer.

ill to
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Another study that investigated the potential link between cell phone use and brain cancer among long-time users of mobile phones.

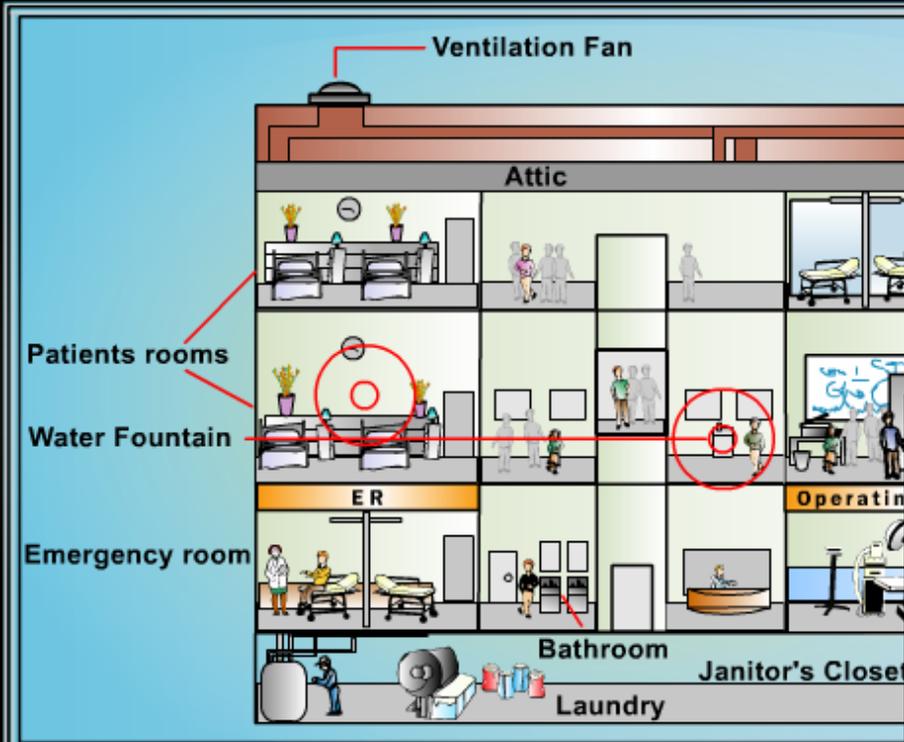
Published studies have found no indication of increased risk of brain cancer. A study by a Institute in Stockholm told Reuters Health.

Researchers into the cell phone-brain cancer association have found that long-time mobile phone users at increased risk of brain cancer. However, a new study

studied 644 individuals, between 20 and 69 years of age. The study included 674 men and women who were of similar age.

Is mercury a problem in hospitals?

Is mercury a problem in hospitals?



- Arsenic
- Asbestos
- Benzene
- Carbon Monoxide
- Chromium
- Lead
- Mercury
- Nitrogen Oxides
- Particulate Matter

Mercury

- What is mercury?
- Mercury (web links from the National Library)

Healthy Hospitals

- Going Green: A Resource Kit for Pollution Prevention in Health Care (Health Care Without Harm)
- Health Care Facilities

Exchange Day

Collection Procedure

Participants remove unbroken thermometer from their rigid container and place it on the piece of plastic (or thin bubble wrap), which is spread on a tray. If the thermometer is broken, do not remove it from its rigid container and place it in the large collection container.

Keep track of number of thermometers collected and the number of facilities participating (which should be the same as the number of non-mercury thermometers exchanged). A flip chart may be used to visually show progress throughout the exchange event.

When the tray "fills up", wrap the stack of unbroken thermometers in plastic, secure it with a rubberband or tape, and place it in the collection container. The collection container should be labeled "Mercury Thermometers" and have a lid (five-gallon containers used in food service or for drywall spackle work well). Participants should not reach in or place their thermometers directly into container.

Broken thermometers should be placed directly into collection container.

EVENT DAY CHECKLIST

- Table and chairs for volunteers
- Banner/posters (see Appendix A)
- Mercury spill kit and emergency procedure in place
- Collection tray
- Plastic wrap or thin bubble wrap
- Collection bucket with lid
- Sign "Mercury Thermometers" on bucket
- Large trash can for rigid thermometer holders
- Flip chart, marker - tracking participation
- Media, public affairs readiness

IF HOLDING A RECEPTION:

- Number of tables ____, table cloths
- Vendor accommodations
- Speaker podium, PA system
- Food, drinks and trash containers

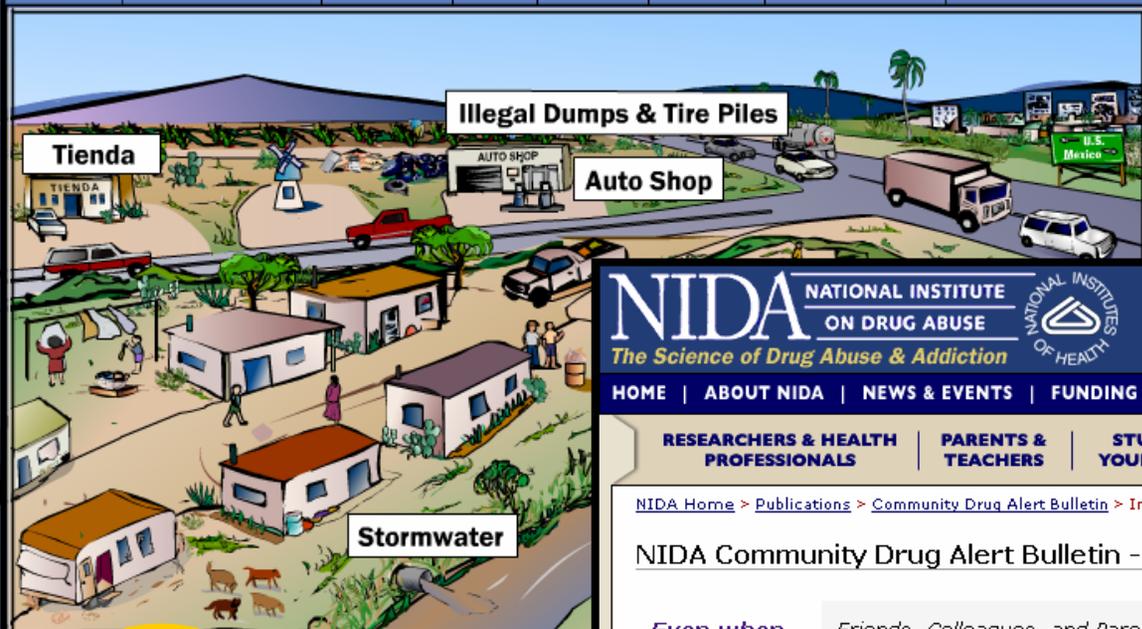


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health-Care
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I never heard of toluene.
Teens never use that, do they?

Teens never use toluene, do they?

Home ((Sound ON)) Map Help About Español Tox & Health Neighborhoods



- Toluene**
- What is toluene?
- Toluene/xylene (National Library of Medicine)
- Toluene & Xylene (Environmental Protection Agency)
- Household Products (web links from the National Library of Medicine)

Auto Shop Colonia Crop Fields Drinking Water

Toluene is a toxic ingredient in solvents,

Arsenic Asbestos Benzene Carbon Monoxide

NIDA NATIONAL INSTITUTE ON DRUG ABUSE
The Science of Drug Abuse & Addiction

keep your body healthy

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SEARCH

SELECT A TOPIC... GO

NIDA Home > Publications > Community Drug Alert Bulletin > Inhalants

NIDA Community Drug Alert Bulletin - Inhalants

Even when using aerosols or volatile products for their legitimate purposes, such as painting or cleaning, it is wise to do so in a well-ventilated room or

Friends, Colleagues, and Parents:

One of the most dangerous substances abused by children and teens may be found in the home. These toxic substances are collectively referred to as inhalants - breathable chemical vapors that produce mind-altering effects. A variety of common products contain substances that can be inhaled. Many people do not think that products such as spray paints, nail polish remover, hair spray, glues, and cleaning fluids present any risk of abuse, because their intoxicating effects are so totally unconnected to their intended uses. Yet, young children and adolescents are among those most likely to abuse them, and do seek them out for this purpose. Adults should store household products carefully to prevent accidental inhalation; they should also remain

COMMUNITY DRUG ALERT BULLETIN

CDAB Home

- ### Information About Inhalants
- [What are Inhalants?](#)
 - [Types of Inhalants](#)
 - [How are Inhalants Abused?](#)
 - [What are the Health Hazards Associated with Inhalants?](#)
 - [What are the Effects of Inhalant Use](#)
 - [Hazards of Chemicals Found in Commonly Abuse Inhalants](#)
 - [Who Abuses Inhalants?](#)
 - [How Can Inhalant Abuse be Recognized?](#)

toluene
(found in gasoline, paint thinners and removers, correction fluid)

brain damage (loss of brain tissue mass, impaired cognition, gait disturbance, loss of coordination, loss of equilibrium, limb spasms, hearing and vision loss), liver and kidney damage

the National Survey on Drug and Monitoring the Future
nt abuse is particularly

Contact info

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cindy_love@nlm.nih.gov

301-496-5306

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National Institutes of Health

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