The EPA-RTP Library is staffed by contractors from the University of North Carolina at Chapel Hill School of Information & Library Science
Objectives

• Describe avenues for publishing official EPA publications and other EPA information

• Discuss the publication process for the Office of Air Quality and Planning Standards (OAQPS)

• Provide an overview of information resources including the National Library Catalog, NSCEP, and EPA.gov

• Describe the EPA National Library Network and its role in providing information
• Protecting human health and the environment since 1970!

• Set national standards through research, regulation, and enforcement

Research Areas Include:

<table>
<thead>
<tr>
<th>Chemical Safety</th>
<th>Homeland Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>Climate Change</td>
<td>Risk Assessment</td>
</tr>
<tr>
<td>Ecosystems</td>
<td>Land and Waste Management</td>
</tr>
<tr>
<td>Human Health</td>
<td>Water</td>
</tr>
</tbody>
</table>
EPA Publications

EPA Reports
- Official EPA documents including technical, guidance, legislative, and consumer-oriented publications

Websites
- Information contained within the epa.gov domain

Databases
- Research-oriented repositories of data pertaining to environmental science and health

Outreach/Promotional
- Mix of traditional publications and web-based media
# Official EPA Documents

## List of Document Types

<table>
<thead>
<tr>
<th>Document Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article reprinted from other pub, abstracts, book chapters, presentations</td>
<td>Bound publication (pamphlet, Booklet, Speech, etc.)</td>
</tr>
<tr>
<td>Reference (Bibliography, Glossary, Symposium Papers, Training Guides, Telephone Directories, etc.)</td>
<td>Periodical (other than peer reviewed journal), Journal, Newsletters, etc.</td>
</tr>
<tr>
<td>Computer (CD-I, CD-ROM, Floppy Diskette, etc.)</td>
<td>Public Comment Draft</td>
</tr>
<tr>
<td>Draft</td>
<td>Unpublished</td>
</tr>
<tr>
<td>Exhibit, Display, Booth</td>
<td>Report, Symposium Report, Proceedings</td>
</tr>
<tr>
<td>Unbound Publication (Fact Sheet, Leaflet, Bulletin, Flyer, Brochure, etc.)</td>
<td>Summary, Research Brief, Conference Summary, Issue Paper</td>
</tr>
<tr>
<td>Photograph, Filmstrip, Slide, Poster, etc.</td>
<td>Audio</td>
</tr>
<tr>
<td>Peer-reviewed Journal</td>
<td>Internal</td>
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<tr>
<td>Microfilm, Microfiche</td>
<td>Video</td>
</tr>
<tr>
<td>Laws</td>
<td>Federal Register</td>
</tr>
</tbody>
</table>
Fact Sheet

What is the Air Quality Flag Program?
The Flag Program uses brightly colored flags based on the U.S. EPA’s Air Quality Index (AQI) to notify people and their communities about outdoor air quality conditions. Organizations raise a flag each day that corresponds to their local air quality forecast.

Why Is the Flag Program Important?
The Flag Program creates public awareness of outdoor air quality conditions. People can continue to get plenty of physical activity, while still protecting their health from poor air quality. When air quality is unhealthy, people can modify their activities, or move them inside. Recommendations for outdoor activities on poor air quality days can be found at www.airnow.gov/flag.

What is the Air Quality Index?
The Air Quality Index is a guide for reporting daily air quality. It uses colors and numbers to show how clean or polluted the air is. EPA uses the Air Quality Index to report ground-level ozone and particle pollution. For each pollutant, EPA has established national standards to protect people’s health.

EPA Flag Program Contact
Donna Rogers
US Environmental Protection Agency
Email: rogers.donna@epa.gov

What Do The Colors Mean?
The Flag program uses green, yellow, orange, red and purple flags. These colors correspond to the Air Quality Index.

How Will I Know What Color Flag To Use?
Check the AQI at www.epa.gov/airnow. Sign up for emails (www.airnow.gov/enviroflash), download the AirNow app, or install the AirNow widget on your website.

United States
Environmental Protection Agency

EPA-456/R-13-006
April 2015
The Benefits and Costs of the Clean Air Act from 1990 to 2020

U.S. Environmental Protection Agency
Office of Air and Radiation
March 2011

SUMMARY REPORT
Draft Plan to Study the Potential Impacts of Hydraulic Fracturing on Drinking Water Resources

This document is distributed solely for peer review under applicable information quality guidelines. It has not been formally disseminated by EPA. It does not represent and should not be construed to represent any Agency determination or policy. Mention of trade names or commercial products does not constitute endorsement or recommendation for use.
Public Comment and Response Summary for the Study on the Potential Impacts of Hydraulic Fracturing of Coalbed Methane Wells on Underground Sources of Drinking Water

FINAL

June 2004

United States Environmental Protection Agency
Office of Water
Office of Ground Water and Drinking Water
Drinking Water Protection Division
Prevention Branch
1200 Pennsylvania Avenue, NW (4605M)
Washington, DC 20460

TABLE 1: LIST OF PUBLIC COMMENTERS

<table>
<thead>
<tr>
<th>Docket ID</th>
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<th>Organization (State)</th>
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</thead>
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<tr>
<td>1H-1.200</td>
<td>691</td>
<td>Bethlehem Energy Services (NY)</td>
</tr>
<tr>
<td>1H-1.201</td>
<td>692</td>
<td>Chevron Texaco North American Upstream (TX)</td>
</tr>
<tr>
<td>1H-1.202</td>
<td>693</td>
<td>Shell Exploration &amp; Production Company (TX)</td>
</tr>
<tr>
<td>1H-1.203</td>
<td>694</td>
<td>Weatherford (TX)</td>
</tr>
<tr>
<td>1H-1.204</td>
<td>695</td>
<td>Independent Petroleum Association (TX)</td>
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<tr>
<td>1H-1.205</td>
<td>696</td>
<td>Independent Oil &amp; Gas Association of Texas (TX)</td>
</tr>
<tr>
<td>1H-1.206</td>
<td>697</td>
<td>Independent Oil &amp; Gas Association of Oklahoma (OK)</td>
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<tr>
<td>1H-1.207</td>
<td>698</td>
<td>American Petroleum Institute (DC)</td>
</tr>
<tr>
<td>1H-1.208</td>
<td>699</td>
<td>Louisiana Energy Services (LA)</td>
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<td>1H-1.209</td>
<td>700</td>
<td>Wyoming Oil and Gas Association (WY)</td>
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<td>1H-1.210</td>
<td>701</td>
<td>American Petroleum Institute (DC)</td>
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<tr>
<td>1H-1.211</td>
<td>702</td>
<td>Environmental Defense Fund (DC)</td>
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<tr>
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<td>703</td>
<td>Center for Biological Diversity (AZ)</td>
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<tr>
<td>1H-1.213</td>
<td>704</td>
<td>American Petroleum Institute (DC)</td>
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</table>

*Docket identification numbers are assigned by the Water Docket in order to track each public comment with a unique identification number. Note that if a comment has a prefix of *DOL,* it indicates that the comment was resubmitted after the October 1, 2002 comment deadline. The following table lists the docket logs as of October 28, 2002.*

An electronic version of each public comment is available through EPA's electronic dockets at www.epa.gov. Each comment includes the name of the person or organization that submitted it. Additional comments were submitted to the electronic dockets at the following e-mail address:(cbm@epa.gov). The docket numbers were assigned to documents as they were received, as indicated in the order they were posted to the electronic dockets.
Publications of OAQPS

What Is a Document Number???

All OAQPS and other official publications have a unique document number.

- Public comment drafts and final drafts have different document numbers from one another.
- Revised versions of published documents get a new document number, which is different from the number on the first publication.

EPA-452/R-11-001

- **Division**: 452: Health and Environmental Impacts Division, OAQPS
- **Publication Type**: R: Report/Final Report
- **Publication Year**: 11: 2011
- **Sequential Number**: unique identifier
# List of Office Codes

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<td>(100)</td>
<td>Administrator, Deputy Administrator</td>
<td>(300-340)</td>
<td>Office of Enforcement and Compliance Assurance</td>
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<td>(120)</td>
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<td>Office of Inspector General</td>
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<td>(140)</td>
<td>Office of Congressional and Intergovernment Relations</td>
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<td>(190)</td>
<td>Office of Chief Financial Office (OCFO)</td>
<td>(700-750)</td>
<td>Office of Pesticides and Toxic Substances</td>
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<tr>
<td>(200-220)</td>
<td>Office of Administration and Resources Management</td>
<td>(800-850)</td>
<td>Office of Water</td>
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<tr>
<td>(230)</td>
<td>Office of Policy</td>
<td>(900-910)</td>
<td>Regions</td>
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<tr>
<td>(260)</td>
<td>Office of Environmental Information</td>
<td>(950)</td>
<td>The responsible organization is unknown</td>
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</tbody>
</table>
Publications of OAQPS

OAQPS Publication Process

1. Get a document number
2. Prepare document
3. Submit document to the library
4. Publish document (usually online)
5. Document distributed (EPA Library Network, NTIS, NSCEP, GPO)
6. Print copy cataloged in EPA-RTP library
Publications of OAQPS

OAQPS Publication Process

Document distributed (EPA Library Network, NTIS, NSCEP, GPO) → Print copy cataloged in EPA-RTP library

NSCEP

Library of Congress

U.S. Department of Commerce

NTIS.gov

A division of the American Chemical Society

GPO

U.S. Government Printing Office

Keeping America Informed
Basic Search of the EPA National Library Catalog

Choose a Library:
(CTRL−CLICK for multiple libraries)

Search all libraries
AWBERC Library/Cincinnati, OH
Capital Group (All DC-area libraries)
GWERD Library/Ada, OK

Keywords

Report/Call Number

Search  Clear

Advanced Search  About the Catalog  Help  Search History

Search Special Collections:
New Acquisitions  National Service Center for Environmental Publications  Air Pollution Technical Info Center
Region 1 Information  Region 9 Information (Historical Material)

Contact Us to ask a question, provide feedback, or report a problem.
### Advanced Search of the EPA National Library Catalog

#### Sort Results:
- Publication dates (newest-oldest)

#### Choose a Library:
- Region 8 Technical Library/Denver, CO
- Region 9 Library/San Francisco, CA
- Region 10 Library/Seattle, WA
- Research Triangle Park Library/RTP, NC

#### Choose a Collection:
- Search all collections
- books
- documents

#### Items with URLs
- **Title**: lead concentrations
- **Keywords**:
- **Author**:
- **Report/Call Number**: Enter report number
- **OCLC Number**:
- **Year Published**: Or Enter a Range: to (YYYY)
- **Date Modified**: Or Enter a Range: to (MM/DD/YYYY)
Searching by Report Number or Call Number

Use this field to search for publications by EPA report number, NTIS (National Technical Information Service) Report Number or Call Number.

**EPA Report Number:** This number will usually have the format EPA/nnn-n-nn-nnn. You can search for the number with or without the punctuation.

**Examples:**
- EPA220R93007
- epa/220-r-93-007
- epa220* (the asterisk is a "wildcard" character" - this search will retrieve all documents with report numbers that begin with "epa220")

Search in the REPORT/CALL NUMBER field for an EPA Report Number:

```
Report/Call Number: EPA220R93007
```
National Technical Information Service (NTIS) Report Number: Many EPA documents and other federal environmental documents are available from NTIS. These items will have a report number that follows the format PBnnn-nnn or PBnnnn-nnnnnn. Including the dash (-) in the search is optional.

Examples:

- PB96-115910
- PB2012-103314
- pb187-758
- pb97* (this search will retrieve all documents with NTIS report numbers that begin with "pb97")

Search in the REPORT/CALL NUMBER field for a NTIS number:

*Report/Call Number*: PB96-115910
Search Results for the EPA National Library Catalog

Items Found: 305
Showing: Items 1 - 50
Your Search: (TITLE=particulate AND matter) AND (LIB=%D)

Sort Results: Publication dates (newest-oldest)
Choose a Library: (CTRL-CLICK for multiple libraries)
Search all libraries
AWBERC Library/Cincinnati, OH
Capital Group (All DC-area libraries)
Choose a Collection: (CTRL-CLICK for multiple collections)
Search all collections
books
docs
documents

1 2 3 4 5 6 7 NEXT

<table>
<thead>
<tr>
<th>Select</th>
<th>Item</th>
<th>Title</th>
<th>Year Published</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Synergistic effects of particulate matter and substrate stiffness on epithelial-to-mesenchymal transition /</td>
<td>2014</td>
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<tr>
<td>2</td>
<td>2</td>
<td>National Particle Component Toxicity (NPACT) Initiative : integrated epidemiologic and toxicologic studies of the health effects of particulate matter components /</td>
<td>2013</td>
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<td>3</td>
<td>3</td>
<td>Assessment of the health impacts of particulate matter characteristics /</td>
<td>2012</td>
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<td>4</td>
<td>4</td>
<td>Atmospheric light detection and ranging (LiDAR) coupled with point measurement air quality samplers to measure fine particulate matter (PM) emissions from agricultural operations : the Los Banos CA Fall 2007 tillage campaign /</td>
<td>2012</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>Regulatory impact analysis for the final revisions to the National Ambient Air Quality Standards for particulate matter.</td>
<td>2012</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>Regulatory impact analysis for the proposed revisions to the National Ambient Air Quality Standards for particulate matter.</td>
<td>2012</td>
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<tr>
<td>7</td>
<td>7</td>
<td>Policy assessment for the review of the particulate matter national ambient air quality standards.</td>
<td>2011</td>
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<td>8</td>
<td>8</td>
<td>Pulmonary particulate matter and systemic microvascular dysfunction /</td>
<td>2011</td>
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### Record Display for the EPA National Library Catalog

**Record Number:** 5 of 305

<table>
<thead>
<tr>
<th>Field</th>
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<tr>
<td>OLS Field Name</td>
<td>OLS Field Data</td>
</tr>
<tr>
<td>Main Title</td>
<td>Regulatory impact analysis for the final revisions to the National Ambient Air Quality Standards for particulate matter.</td>
</tr>
<tr>
<td>CORP Author</td>
<td>Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards.</td>
</tr>
<tr>
<td>Publisher</td>
<td>Illustrations (some color), charts, maps;</td>
</tr>
<tr>
<td>Year Published</td>
<td>2012</td>
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<td>Report Number</td>
<td>EPA/452/R-12/005</td>
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<td>Stock Number</td>
<td>PB2013-109359</td>
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<td>OCLC Number</td>
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<td>Atmospheric deposition; Air quality--Standards--United States; Air quality--United States; Air--Pollution--Law and legislation--United States; Air quality management--United States.</td>
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<td>Air pollution control; Particulates; Air quality standards; Benefits; Costs; Implementation; Monitoring; Public health; Regulations; Revisions; US EPA; Regulatory Impact Analysis(RIA); National Ambient Air Quality Standards(NAQSS)</td>
</tr>
</tbody>
</table>

**Internet Access**

- **Access URL**
  - [http://www.epa.gov/ttnecas1/regdata/RIAs/finalria.pdf](http://www.epa.gov/ttnecas1/regdata/RIAs/finalria.pdf)
  - [http://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P10UG5U0.PDF](http://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P10UG5U0.PDF)

**Holdings**

- **Library**
  - EKBD
  - EPA-452/R-12-005

- **Call Number**
  - PB2013-109359

- **Additional Info**
  - Most EPA libraries have a fiche copy filed under the call number shown. Check with individual libraries about paper copy.

- **Location**
  - Research Triangle Park Library/RTP, NC

- **Last Modified**
  - 08/19/2013

- **Checkout Status**
  - 01/17/2014
NSCEP – http://www.epa.gov/nscep

Program Clients

- Office of Administration and Resources Management (OARM)
- Office of Air & Radiation (OAR)
- Office of Chemical Safety and Pollution Prevention (OCSPP)
- Office of Enforcement & Compliance Assurance (OECA)
- Office of Research & Development (ORD)
- Office of Solid Waste & Emergency Response (OSWER)
- Office of Water (OW)
- Office of the Administrator
Search Publications

430r04009

Choose from what is available for viewing online...

- 2011 - Current
- 1995 - 1999
- 2006 - 2010
- 2000 - 2005
- 1986 - 1990
- 1981 - 1985
- 1976 - 1980
- Prior to 1976

and

- Hardcopy Publications

Refine your search:

Check all boxes

How to Simple Search | Advanced Search (How to) / Field Search (How to) / All Ways to Search and Browse
NSCEP

Document Display

Title:
EPA ACID RAIN PROGRAM: 2003 PROGRESS REPORT

Publisher
National Service Center for Environmental Publications P.O. Box 42419 Cincinnati OH 45242
Phone 800-490-9198
Fax 301-504-3408
Source NSCEP

This document is also available online in the NEPIS Archive.

This record provides information to help you obtain a document that is available from the indicated agency. You may be able to have a copy shipped to you free of charge through the NEPIS ordering facility. If you would like to do that, select this entry for addition to your collection then place your order from that page.
Acid Rain Program
2003 Progress Report
Toxics Release Inventory (TRI) Program

Submit Your Proposal for the 2016 TRI Conference!
The theme of the next National Training Conference on TRI and Environmental Conditions in Communities is TRI at 30: Working Together to Reduce Toxic Releases. Submit your abstract by May 31, 2016.

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.

About the TRI Program
- Factors to Consider When Using TRI
- Compliance and Enforcement
- International TRI
- TRI University Challenge

TRI Resources
- Pollution Prevention (P2) Data
- Tools for TRI Data Analysis
- TRI for Communities
- 2014 National Analysis Report

Annual Reporting For Facilities
- Determine if Your Facility Must Report
- Training on TRI Reporting
- Guidance Documents
- Access TRI-MEweb Resources

Contact Us  Share
Find TRI Factsheets for Your Community

Search by: States  Metropolitan Areas  Watersheds  Tribal


States - Total Releases
- > 150 million lb
- 35 million - 150 million lb
- 500,000 - 35 million lb
- < 500,000 lb

Note: Search results will display location-specific data based on facilities that reported to the TRI Program in 2014. Data are current as of November 2015.

Use the interactive version of this map.
EPA.GOV – Toxics Release Inventory

North Carolina ranks 18 out of 56 states/territories nationwide based on total releases per square mile (Rank 1 = highest releases)
Production-related waste managed in Durham, NC, 2003 - 2014

*click to view this year's data as a pie chart.
Top Five Facilities by Total Disposal or Other Releases
Durham, NC, 2014

- IPS STRUCTURAL ADHESIVES INC (Industry Sector 325 - Chemicals)
- CREE INC (Industry Sector 334 - Computers/Electronics Products)
- CORMETECH INC (Industry Sector 327 - Stone/Clay/Glass)
- BRENNTAG MID-SOUTH (Industry Sector 4246 - Chemical Wholesalers)
- BURT'S BEES MANUFACTURING (Industry Sector 325 - Chemicals)
Top Five Chemicals Released to Air and Water
Durham, NC, 2014

AIR
449.4 thousand pounds

- METHYL METHACRYLATE: 4%
- AMMONIA: 1%
- HYDROGEN FLUORIDE: 1%
- N-METHYL-2-PYRROLIDONE: 0%
- CERTAIN GLYCOL ETHERS: 0%
- Other: 94%

No Releases to Water Reported

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

Download basic TRI data file
MyEnvironment provides immediate access to a cross-section of environmental data for any geographical location in the U.S.
**Air Quality Index**

The AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you. The AQI focuses on health effects you may experience within a few hours or days after breathing polluted air.

### Durham County, North Carolina

#### May Average Data (2013 - Parts of 2014)

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<thead>
<tr>
<th>Pollutants</th>
<th>%</th>
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<tbody>
<tr>
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<tr>
<td>PM2.5</td>
<td>27.4</td>
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<td>PM10</td>
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<tr>
<td>SO2</td>
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<tr>
<td>NO2</td>
<td>0.0</td>
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<tr>
<td>CO</td>
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</table>

More pollutant info...

#### May Historical Data (2009-2012)

<table>
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<tr>
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<tbody>
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<td>65.3</td>
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<tr>
<td>PM2.5</td>
<td>34.7</td>
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<tr>
<td>PM10</td>
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<tr>
<td>SO2</td>
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<tr>
<td>NO2</td>
<td>0.0</td>
</tr>
<tr>
<td>CO</td>
<td>0.0</td>
</tr>
</tbody>
</table>

### Current Ozone

- Current: Good
- Forecast: Good

### Current PM2.5

- Current: Good
- Forecast: (15)

**Ultraviolet (UV) Index**

The ozone layer shields the Earth from harmful ultraviolet (UV) radiation. Ozone depletion, as well as seasonal and weather variations, cause different amounts of UV radiation to reach the Earth at any given time.

**Radon**

Exposure to radon in the home is responsible for an estimated 20,000 lung cancer deaths each year. Radon is a health hazard with a simple solution: Read "A Citizen's Guide to Radon".

Click on the map for more info.

More UV Information >>
Cancer Risk

Toxic air pollutants, or air toxics, are those pollutants known or suspected of causing cancer or other serious health problems, such as birth defects. Cancer risk is expressed as a number in a million, e.g., 16 in a million chance of getting cancer due to air pollution. Not all air pollutants are considered – please visit the NATA Web site for more information on the 2005 NATA data.

Your Carbon Footprint

Many of our daily activities cause emissions of greenhouse gases. Do you know what your carbon footprint is? Try one of these calculators to estimate your annual greenhouse gas emissions.

Greenhouse Gas Emissions Calculator
Greenhouse Gas Equivalencies Calculator
Power Profiler

Greenhouse Gas Emissions State and County Comparisons

Greenhouse gases are gases that trap heat in the atmosphere. The charts below show you the industries that contribute most to producing these greenhouse gases in your area.
IRIS Toxicity Values

- Oral reference dose
- Inhalation reference concentration

Cancer Descriptors:

- Carcinogenic to Humans
- Likely to be Carcinogenic to Humans
- Suggestive Evidence of Carcinogenic Potential
- Inadequate Information to Assess Carcinogenic Potential
- Not Likely to be Carcinogenic to Humans
Connections between IRIS Assessments, Risk Assessment, and Risk Management

**Hazard Identification**
- Which health outcomes are credibly associated with the agent?

**Dose-Response Assessment**
- Characterize exposure-response relationships
- Account for high-to-low-dose, animal-to-human, route-to-route, and other differences

**Exposure Assessment**
- How do people come in contact with this and other agents?
- How much are they exposed to?

**Risk Characterization**
- Integrate hazard, dose-response, and exposure

**Risk Management**
- Develop, analyze, compare options
- Select appropriate response

**Other Considerations**
- Legal
- Political
- Social
- Economic
- Technical

IRIS assessments evaluate only human health hazards, and do not address the legal, political, social, economic, or technical considerations involved in risk management.
Refine Your Search By:

- Chemical, CASRN, or Keyword
  - benzene (Done)
- Noncancer and/or Cancer
  - noncancer
  - cancer
- Route of Exposure
  - oral
  - inhalation
- Organ/System Affected
- Toxicity Value, Noncancer
- Uncertainty Factor Value
- Weight of Evidence of Carcinogenicity
- Toxicity Value, Cancer

Search IRIS

By Chemical, CASRN, or Keyword

benzene

Search

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CASRN</th>
<th>Description</th>
<th>Cited File</th>
</tr>
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</table>
**Benzene**

CASRN 71–43–2

- [Toxicological Review (PDF)](#) (180 pp, 1.59 M)
- [IRIS Summary (PDF)](#) (45 pp, 261 K)
- [Supporting Documents for Benzene](#)
- Status: Benzene is not being reassessed by IRIS at this time.

### Health Hazard Assessments for Effects Other than Cancer

#### Reference Dose for Oral Exposure (RfD) (PDF)

<table>
<thead>
<tr>
<th>RfD (mg/kg–day)</th>
<th>System</th>
<th>Basis</th>
<th>PoD</th>
<th>Composite UF</th>
<th>Confidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>$4.0 \times 10^{-3}$</td>
<td>Immune</td>
<td>Decreased lymphocyte count</td>
<td>BMDL : 1.2 mg/kg-day</td>
<td>300</td>
<td>Medium</td>
</tr>
</tbody>
</table>

#### Reference Concentration for Inhalation Exposure (RfC) (PDF)

<table>
<thead>
<tr>
<th>RfC (mg/m³)</th>
<th>System</th>
<th>Basis</th>
<th>PoD</th>
<th>Composite UF</th>
<th>Confidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3 \times 10^{-2}$</td>
<td>Immune</td>
<td>Decreased lymphocyte count</td>
<td>BMCL : 8.2 mg/m³</td>
<td>300</td>
<td>Medium</td>
</tr>
</tbody>
</table>
Vision

The EPA National Library Network is an essential information partner with EPA staff and the public to support decision making, environmental awareness, and protection of human health and the environment.
Regional Libraries meet local and Regional needs related to scientific research, environmental regulation, and outreach. They are often the first point of contact for public inquiries.

- Region 1 Library, Boston, MA
- Region 2 Library, New York, NY
- Region 3 Library, Philadelphia, PA
- Region 4 Library, Atlanta, GA
- Region 5 Library, Chicago, IL
- Region 6 Library, Dallas, TX
- Region 7 Library, Kansas City, KS
- Region 8 Technical Library, Denver
- Region 9 Library, San Francisco, CA
- Region 10 Library, Seattle, WA
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- NERL – Las Vegas, NV
- NERL – Athens, GA
- NHEERL – Narragansett, RI
- NHEERL – Gulf Breeze, FL
- NHEERL – Duluth, MN
- NHEERL – Corvalis, OR
- NRMRL – Ada, OK
- National Vehicle & Fuel Emissions, Ann Arbor, MI
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- Office of General Counsel Law Library, Washington D.C.
- National Enforcement Investigations Center Environmental Forensic Library, Denver, CO
- Environmental Science Center Library, Fort Meade, MD
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- Headquarters Repository, Washington, D.C.
- Andrew W. Breidenbach Environmental Research Center Library, Cincinnati, OH
- Region 3 Library, Philadelphia, PA
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EPA NATIONAL LIBRARY NETWORK BY THE NUMBERS

36,145 documents supplied through interlibrary loan

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99% customer satisfaction rate*

13,251 information requests from the public answered

59 hours per week of live chat reference services available to all EPA staff and contractors

39,277 documents digitized from the Library Network’s collections

“At the end of FY2015 the combined collections of the Network, represented in the EPA National Library Catalog, comprised 219,933 unique bibliographic records.”
Thank you!
Anthony Holderied (UNC)
(919) 541-2777
library.rtp@epa.gov
Resources

- EPA National Library Network
  https://www.epa.gov/libraries

- National Library Catalog
  https://cfpub.epa.gov/ols/catalog/catalog_lookup.cfm

- National Service Center for Environmental Publications
  https://www.epa.gov/nscep

- EPA Publication Numbering System
  https://www.epa.gov/nscep/epa-publication-numbering-system

- Toxics Release Inventory Program
  https://www.epa.gov/toxics-release-inventory-tri-program

- MyEnvironment
  https://www3.epa.gov/enviro/myenviro/

- Integrated Risk Information System
  https://www.epa.gov/iris