

TRACKING 101

INTRODUCTION TO ENVIRONMENTAL PUBLIC HEALTH TRACKING

Description: This tutorial explains what Environmental Public Health Tracking does and how it operates in Wisconsin.

Objectives: By the end of this tutorial, users will be able to:

- Define Environmental Public Health Tracking
- Identify two resources created by the Tracking Program

WISCONSIN ENVIRONMENTAL PUBLIC HEALTH TRACKING PROGRAM

Bureau of Environmental and Occupational Health

dhs.wisconsin.gov/epht | JULY 2019 | dhstracking@wi.gov

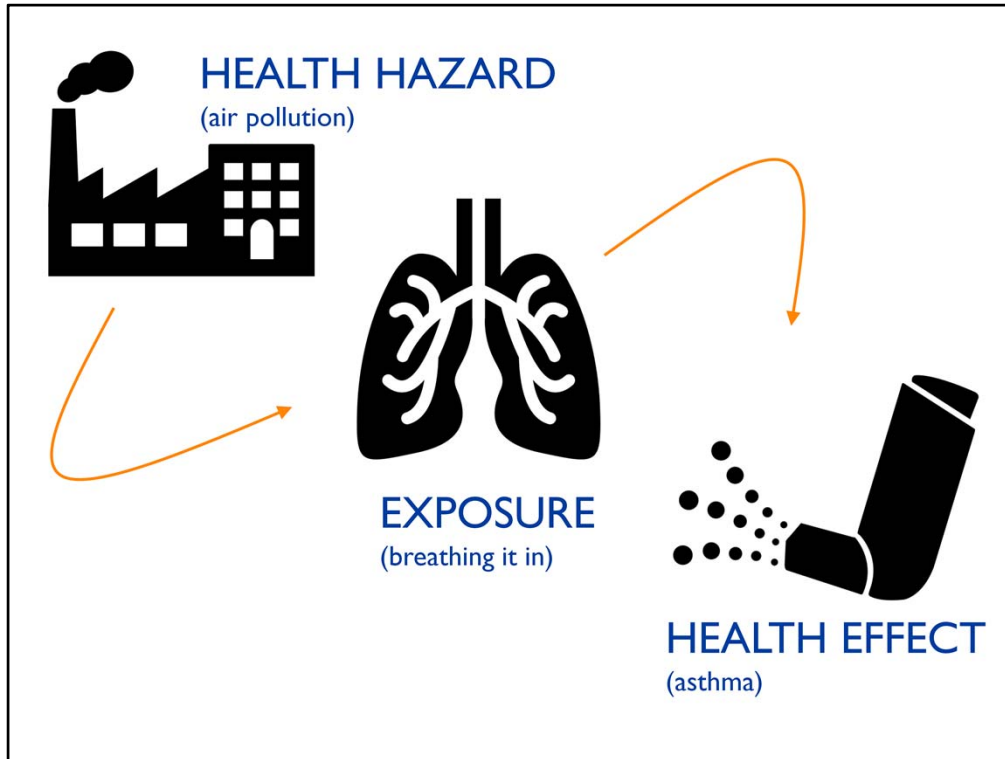
Wisconsin Department of Health Services | Division of Public Health | P-01201-101 (rev. 07/2019)



Welcome to “Tracking 101 – Introduction to Environmental Public Health Tracking.” In this tutorial, you will learn what Environmental Public Health Tracking is and how it works. Let’s get started!



Environmental Public Health Tracking is first and foremost your source for environmental public health data.



For example, we track pollution, like particulate matter in the air, which is a health hazard. We also track a health effect to that hazard, which is asthma.

We do this tracking through our free, publicly available data portal, our county profiles, and other free resources. We'll talk more about these things throughout the presentation.

To get the right data,
you might have to visit several databases.

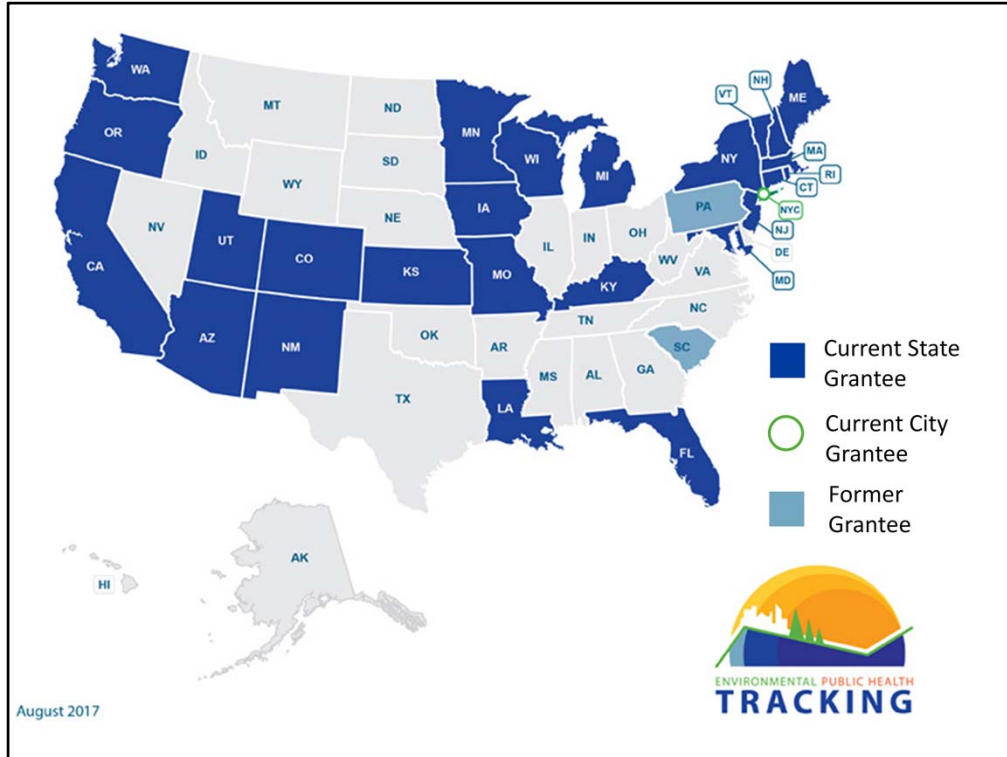


Before Tracking existed, to get environmental public data for health assessments and reports, you might check the CDC, DNR, EPA, and likely several others. That's a lot! These sites have great information, but it's scattered across several databases.

To get the right data,
you might have to visit several databases.

The image displays a collage of screenshots from various government databases and a central 'TRACKING' portal. The top row shows the CDC website with navigation menus, the Wisconsin DNR website with a 'May is Clean Air Month' banner, and the EPA website with a 'Data Finder' search bar. Below these are three large blue boxes labeled 'CDC', 'EPA', and 'TRACKING'. The 'TRACKING' box is the largest and contains the text: 'Wisconsin Environmental Public Health Tracking is your source for environmental health data in Wisconsin. ACCESS THE DATA #1 COMPREHENSIVE. We house data on nearly a dozen environmental public health topics such as air quality, asthma, Lyme disease, and many others. CURRENT. We work with data managers to keep the most' and a photo of a group of people walking in a park.

Tracking pulls that information from these sources and other data partners into one spot, one data portal. The data portal allows users to investigate specific environmental measures with tables, charts, and maps.



We are funded by the CDC to do this work, along with 26 other grantees. Wisconsin has been funded since 2002.

Data Topics

Air quality
Alcohol environment (municipal)
Water quality
Asthma
Birth outcomes
Cancer
Carbon monoxide poisoning
Childhood lead poisoning (census tract)
Climate
Heart attack
Heat stress
Immunizations
Lyme disease
Oral health (fluoridation)
Toxic air emissions (census tract)



There are currently 15 topics available on our data portal. Our most recent topic is alcohol outlet density, which is available at the municipal level. Other popular topics include Lyme disease and childhood lead poisoning.

Be sure to watch “Tracking 201: Portal Basics” to learn more about using the data portal.

GREEN COUNTY

DASHBOARD | 2019 COUNTY ENVIRONMENTAL HEALTH PROFILE

COMMUNITY HEALTH

- **Fluoride**
 Percent of population with fluoridated public water*
 Wisconsin: 88.4%
- **Alcohol Outlet Density**
 Crude rate of alcohol licenses per 500 people
 Wisconsin: 1.5

HOME HAZARDS

- **Carbon Monoxide Poisoning**
 Rate of ER visits per 100,000 people
 Wisconsin: 7.9
- **Childhood Lead Poisoning**
 Percent of children <6 years old with blood lead level ≥5 µg/dL
 Wisconsin: 3.0%
- **Radon**
 Percent of residences with results ≥4 pCi/L
 Wisconsin: 50.0%

CLIMATE

- **Heat Stress**
 Rate of ER visits per 100,000 people
 Wisconsin: 12.6

● Above state value
● At or below state value

* Above state value preferred for this measure
* Data not available
Note this rate is the national and this measure is monthly (100%)

PRIVATE WATER QUALITY

- **Nitrate**



HOW TO USE ENVIRONM PUBLIC HEALTH TRACKIN

COMMUNITY HEALTH ASSESSMENTS

Tracking data can help finish out your community health assessment and help meet state requirements.

COMMUNITY HEALTH IMPROVEMENT PLANS

Use Tracking data and ideas for [Taking Action](#) to prioritize environmental health and plan strategies for community improvement. Use the data to track progress in meeting your goals.

RESEARCH

Tracking data can be used to explore environmental health research questions.

MEDIA STORIES

Strengthen your interview, article, or press release with facts and figures from Tracking and [our resources](#).

ACCREDITATION

The Profiles can be used to address Public Health Accreditation Board standards, such as Standard 1.3: "Analyze public health data to identify trends in health problems, environmental public health hazards, and social and economic factors that affect the public's health."

SOCIAL MEDIA

Localize your posts with

GRANT PROPOSALS

Tracking data and resources help develop rationale data can help justify exit where work needs to be

EDUCATION AND

When creating program your community. Track your case and show the

POLICY DEVELOPMENT

Tracking data and these Health Profiles contain identify the need for a place, the data can be a progress over time.





GREEN COUNTY

2019 COUNTY ENVIRONMENTAL HEALTH PROFILE

Wisconsin Environmental Public Health Tracking Program

If you want to use this data

In addition to the data portal, we put out County Environmental Health Profiles, which we release every two years. We published the most recent version in May 2019. Be sure to watch “Tracking 110: County Environmental Health Profiles” to learn more about this helpful resource.



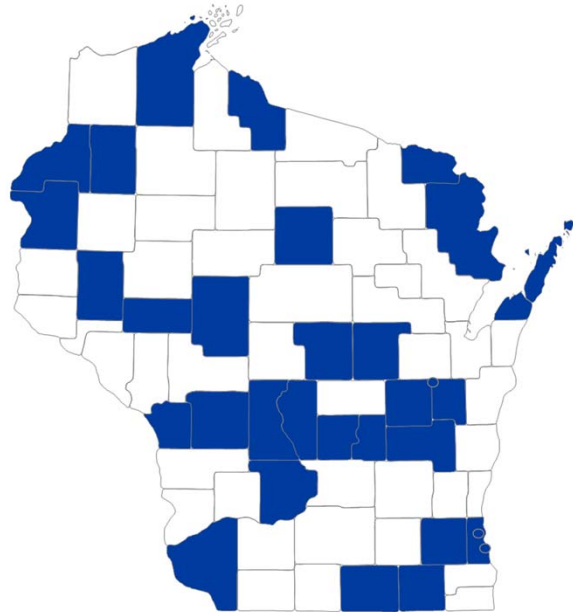
Once you have reviewed your data—either on our portal or in your county profile, or both!—you might be wondering, “Now what?”

Our program wanted to make it easier for communities to not only access their data but also take action on it. In 2015, we launched our *Taking Action with Data* mini-grant program. With this program, we fund local and Tribal health departments to complete small-scale environmental health projects. Applicants must use Tracking data in their application to support the need of the project.

Projects run from August 1 through July 31, so we

typically release the application in early June. Visit our website around that time for application details!

Mini-Grants



Since starting the mini-grant program, we have invested nearly \$400,000 in 30 Wisconsin communities to improve environmental health. You can download the most up to date version of this map of past grantees under the resources section of our website.

Mini-Grants

Glossary or terms

Training

Resources

Find newsletters, surveillance briefs, success stories, publications, and more on this page from the Wisconsin Environmental Public Health Tracking Program.

Information on this page has been organized into three categories. Please choose one of the following tabs.

Resources **Success Stories** Publications

We collect success stories from communities that have integrated Environmental Public Health Tracking data and resources into their work. If you have a story to share, [please let us know!](#)

Story Topic	Story Location	Story Title
Well Water	Florence and Marinette Counties	Simplifying Well Water Test Results P-01595C (PDF, 538 KB)
Well Water	Florence and Marinette Counties	Increasing Arsenic Testing in Private Wells P-01595D (PDF, 612 KB)
Well Water	Rock County	Increasing Well Water Testing P-01603 (PDF, 727 KB)
Nitrate	Rock County	Identifying Nitrate Sources to Improve Future Planning P-01603A (PDF, 550 KB)
Nitrate	Eau Claire County	Development of a Nitrate Taskforce P-01595A (PDF, 605 KB)
Well Water	Eau Claire County	Overcoming Communication Challenges to Improve Well Water Testing P-01595B (PDF, 780 KB)
Well Water	Eau Claire County	A New Sampling Strategy: Using Partnerships to Improve Well Water Testing P-01595 (PDF, 742 KB)
Well Water	Eau Claire County	Testing the Waters: Using Well Water Data to Target Outreach P-00989A (PDF, 1 MB)
Heat	Wisconsin	Adding a Heat Response Plan Template to an Extreme Heat

You can read success stories from our program and mini-grantees on the resource section of our website.

Tracking Home >

- Topics & Data
- County Profiles
- Ideas for Taking Action
- Data Details & Glossary
- Training
- Resources

Environmental Public Health Tracking

Wisconsin Environmental Public Health Tracking is your source for environmental health data in Wisconsin.

ACCESS THE DATA [Ⓔ]

COMPREHENSIVE.
We house data on nearly a dozen environmental public health topics such as air quality, asthma, Lyme disease, and many others.

CURRENT.
We work with data managers to host the most up-to-date data available.

EASY.
Our data portal [Ⓔ] has improved mapping, exporting, mobility, and the capacity to display data below the county-level. Note that the portal works best with Firefox and Chrome web browsers.

Interested in Tracking? [Subscribe to our quarterly newsletter](#) [Ⓔ]

2019 COUNTY ENVIRONMENTAL HEALTH PROFILES RELEASED

We are excited to announce the release of our 2019 County Environmental Health Profiles! These Profiles—released every two years—provide a county-level snapshot of the data available on our portal [Ⓔ].

dhs.wisconsin.gov/epht

You can find profiles, as well as a link to our public portal, right through our homepage. Also note the training tab, where you can find tutorials on everything Tracking. The resources tab is also helpful; it's where you can find our surveillance briefs, publications, newsletters, and other links of interest.



The best way to stay up to date on Tracking news is to join our newsletter and the envhealth listserv. The newsletter comes out quarterly and the listserv has 2-5 posts per month. Anyone subscribed to the listserv can post to it, so it's a great way to share new tools, resources, job opportunities, ask questions, etc.

Email dhstracking@wi.gov to request being added to the newsletter and/or listserv.



TRACK.

Explore the data, compare counties, age groups, and years



ANALYZE.


Create charts, maps, and tables to visualize and interpret the data



ACT.

Use the data to target education, programming, and policies to address your community's needs

To summarize, the Tracking Program strives to help folks **track** and explore environmental public health data; **analyze it** by creating charts, maps, and tables; and **act** upon the data through outreach, programming, and policies to address community needs.



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PUBLIC HEALTH TRACKING

Have a question?
dhstracking@wi.gov

This concludes “Tracking 101: Intro to Environmental Public Health Tracking.” Be sure to check out the tutorials we have available by visiting dhs.wisconsin.gov/epht and clicking on the Training tab. Happy Tracking!