

MiTracking: An Enhanced Tool for Data Driven Decision Making



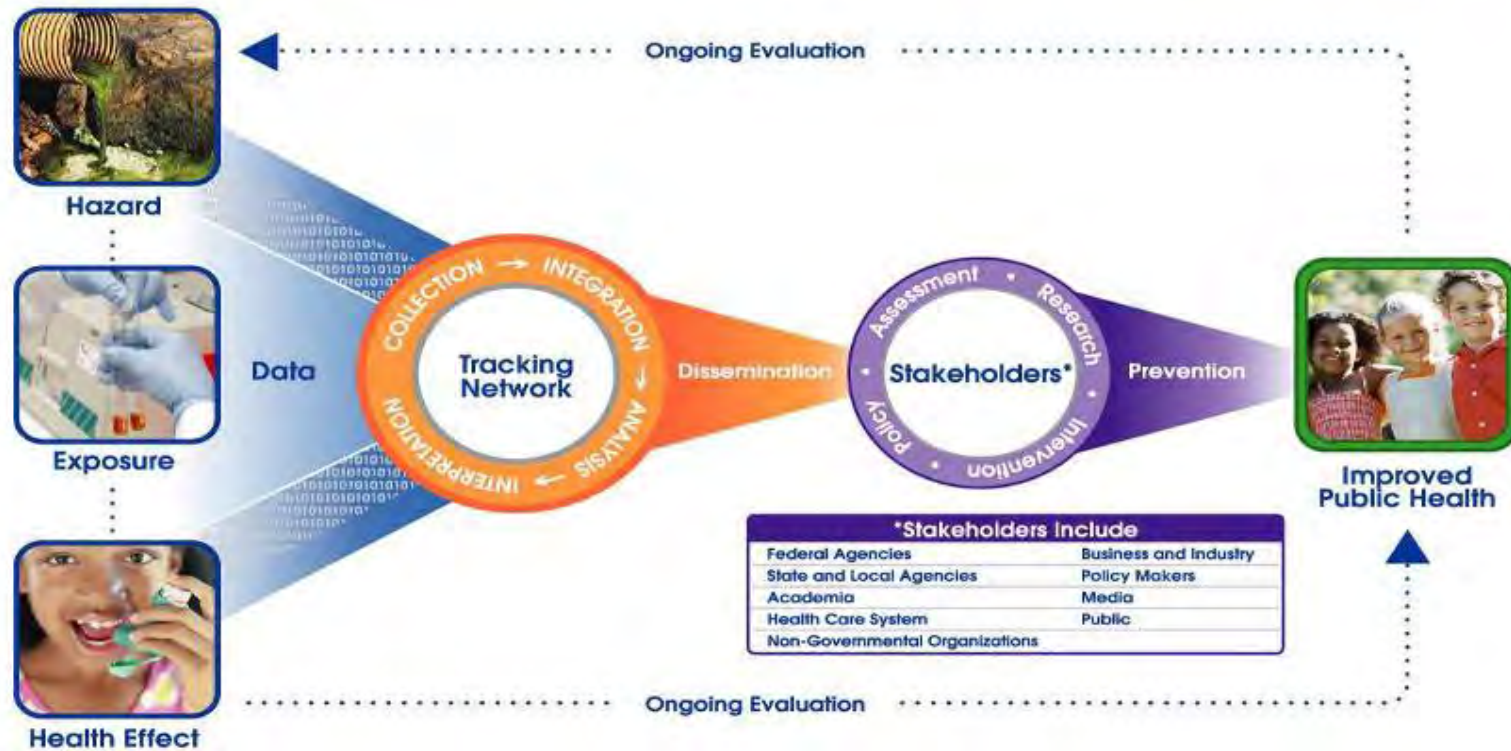
Quick Overview

- ⇒ What is Tracking?
- ⇒ MiTracking data portal
- ⇒ Resources
- ⇒ Demonstration



What is Tracking?

ENVIRONMENTAL PUBLIC HEALTH TRACKING

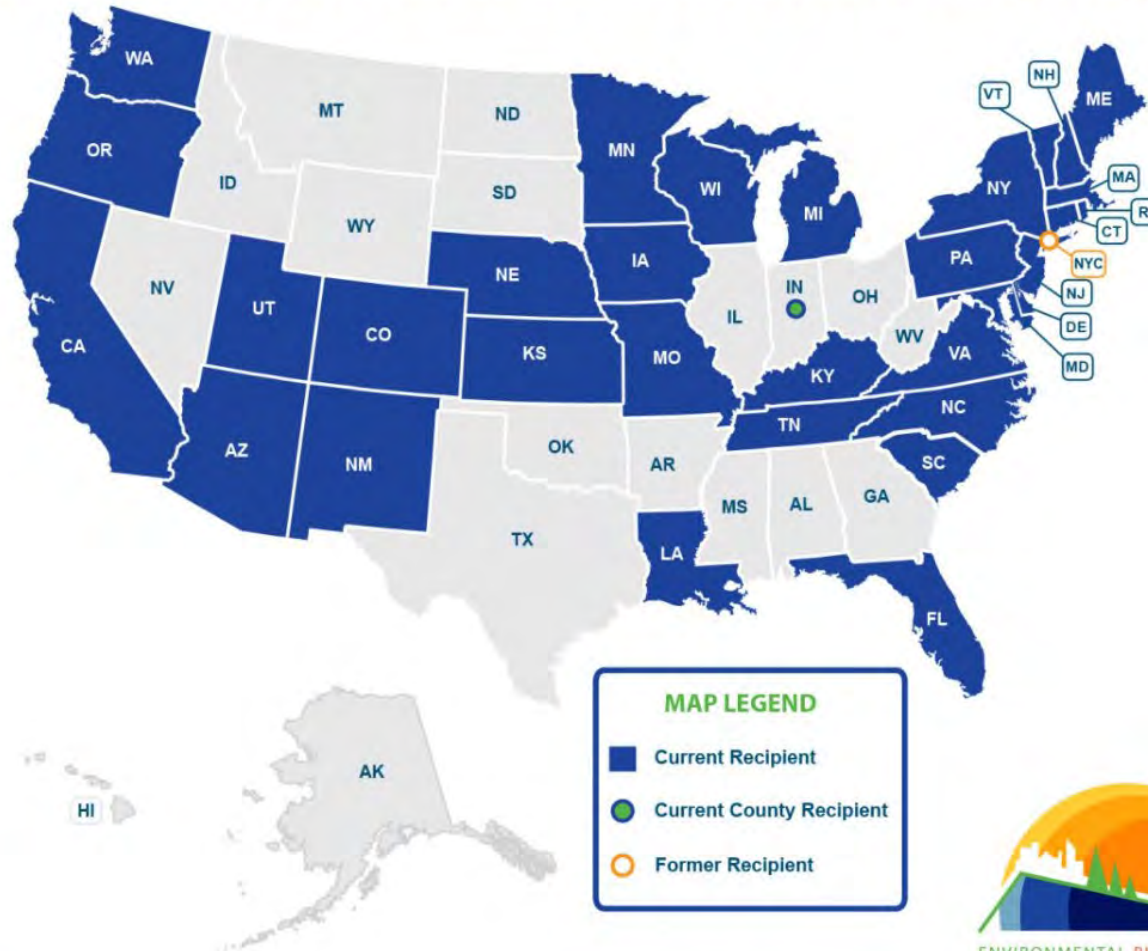


DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION
SAFER • HEALTHIER • PEOPLE



National Tracking Network





















CDC's National Environmental Public Health Tracking Program



August 2022



Data on the Portal

- | | |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|  Age of Housing |  Heat Illness |
|  Air Quality |  Heart Attack |
|  Asthma |  Lead Exposure |
|  Birth Defects |  Pesticide Illnesses & Injuries |
|  Cancer |  Rabies |
|  Carbon Monoxide
Poisoning |  Reproductive and Birth
Outcomes |
|  Climate Change |  Social Vulnerability Index |
|  COPD |  Ticks |
|  Demographics |  Work-Related Illnesses &
Injuries |
|  Drinking Water | |
|  Drug Poisoning
Overdose | |

Up Next:

 **Lyme Disease
& Other Zoonotic Data**

MiTracking Resources

- MiTracking - Data Search Infographic
- MiTracking - How to Use the Data Portal Tutorial

DATA PORTAL

1. Go to MiTracking's homepage at [Michigan.gov/MiTracking](https://michigan.gov/MiTracking).
2. Click on the **Explore Data** button to access the data portal.



1. OR scan the QR code to access the MiTracking data portal.



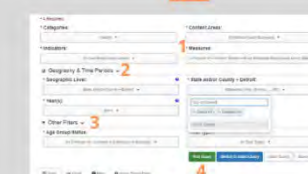
BASIC SEARCH

1. Click on the arrow next to a **Category**, **Content Area**, **Indicator**, and **Measure** and select an option for each box.
2. Select **Run Query** to perform a search.
3. Or **Switch to Advanced Query** for more options.
4. Select **Save Query** to copy and save the search.



ADVANCED SEARCH

1. Select a **Category**, **Content Area**, **Indicator**, and **Measure**.
2. Select **Geography** and **Time Period**.
3. Select 1 or more options under **Other Filters** like **Age Group**, **Test Type**, etc., if available.
4. Select **Run Query** to perform a search.



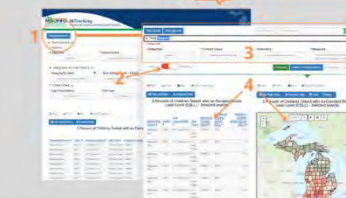
RESULTS

1. Results are shown in interactive **Table**, **Chart**, and **Map** formats.
2. Select **Edit Data Options** to edit the search.
3. Select **Download Data** to download data in many formats.
4. Select **Save** to save charts and maps as an image.
5. Select **About These Data** for more information about the data.

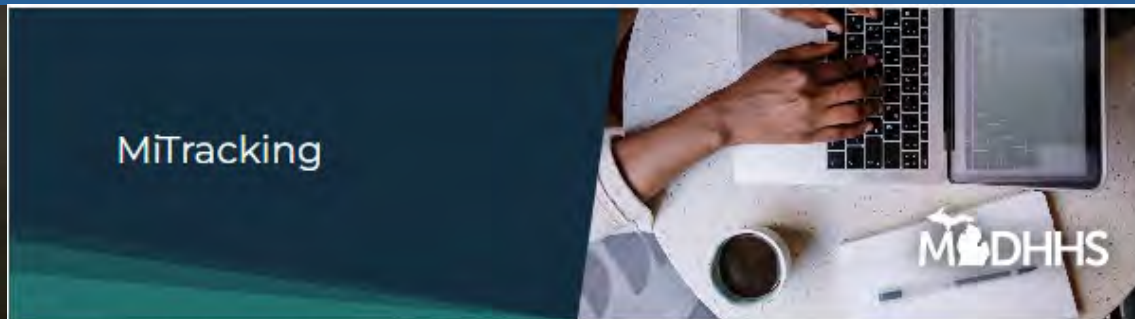


COMPARE MEASURES

1. Select **Compare Measures** to compare 2 queries.
2. Use the red and white button to toggle.
3. Run a query with the same or different fields.
4. Compare 2 different results by **Table**, **Chart**, or **Map**.



Portal Demonstration - MiTracking



MDHHS > Safety & Injury Prevention > Environmental Health > MiTracking



For many years, public health systems across the U.S. faced a knowledge gap about environmental hazards and public health. The Michigan Environmental Health Tracking Program, MiTracking, can help bridge this gap. The MiTracking Program gathers existing Michigan-specific environmental and health data and provides them in one online location.



These data can be easily queried on the MiTracking data portal. Results are provided in tables, charts, and maps that can be downloaded, saved, and printed. The data provided by the MiTracking program can create greater awareness of environmental health concerns, and inform public health actions and programs.

The MiTracking Program is part of the [Centers for Disease Control and Prevention's National Environmental Public Health Tracking Program](#). For more information about jurisdictions in CDC's Tracking Program, visit [Michigan's Tracking Profile](#) or other [program profiles](#).



Data Content Areas



Environmental Topics



Health Conditions



Population

Asthma

MDHHS > Safety & Injury Prevention > Environmental Health > MiTracking > Asthma



Asthma is a serious life-long disease that is caused by swelling (inflammation) in the airways that carry oxygen in and out of the lungs.¹ Asthma affects many Michigan residents; 16% of Michigan adults reported ever having asthma in 2017.

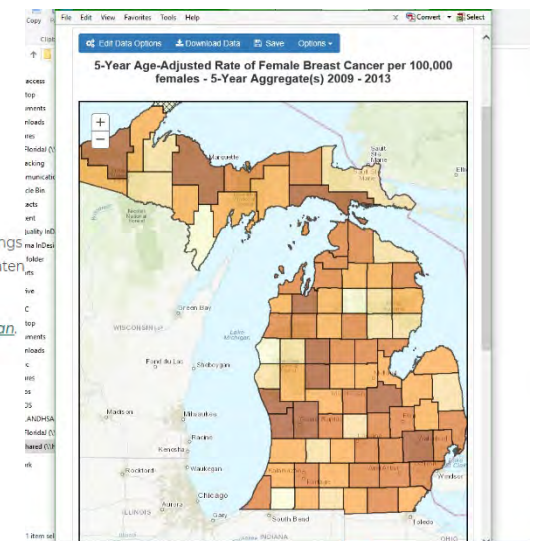
Asthma data for emergency department visits and hospitalizations are available on the [MiTracking data portal](#).

Asthma Triggers

People who have asthma have airways that are very sensitive. The things symptoms start are called "triggers." Triggers make airways swell, tighten, and produce much mucus making it hard to breathe.¹

Learn more about asthma triggers, visit [MDHHS - Asthma in Michigan](#).

Symptoms (1)



Thank You! Questions?

Please visit:

- www.michigan.gov/mitracking
- www.cdc.gov/ephtracking

Contact us:

MDHHS-MiTracking@Michigan.gov

Join our Listserv at GovDelivery:
[Michigan Dept of Health & Human Services \(govdelivery.com\)](http://Michigan Dept of Health & Human Services (govdelivery.com))



Portal News

New Data

[Pesticide Illnesses and Injuries](#)

- Total Acute Illnesses and Injuries (2012-2019 rates; 2020: counts)
- Work-Related Illnesses and Injuries (2003-2019 rates; 2020: counts)

[Heat Illness Query link](#)

MiTracking Resources: Heat Stress

- [Heat Health and Safety Fact Sheet](#)
- [MiTracking Heat Illness](#)

Descriptive Analysis: MiTracking Heat Stress

The graph shows the age-adjusted rates of heat stress illness hospitalizations from 2016 to 2018 by gender. Data are not shown before 2015 due to 2015 coding changes. Heat stress illness hospitalizations increased from 2017 to 2018. Hospitalizations were higher among males than females. Heat stress illness can include heat stroke, collapse, heat cramps, and heat exhaustion. Heat stress happens when the body is not able to cool down properly. Heat stroke is the most serious. It can cause death or permanent disability if there is not emergency treatment. Remember to stay cool, stay hydrated, and stay informed to reduce heat stress illness risk.

