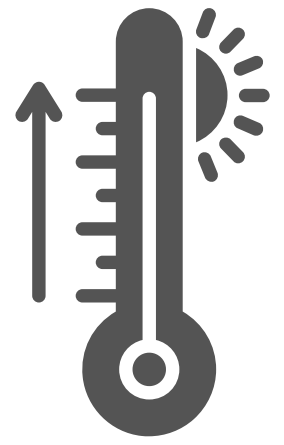


# CLIMATE CHANGES MI HEALTH

# MICHIGAN


# EXTREME HEAT



Learn more about the connections between extreme heat, heat-related illness and climate change. Explore environmental and human health information and data with Michigan Tracking (MiTracking).

## CLIMATE CHANGE

Temperatures have been rising in the Great Lakes Region. Average annual temperatures have increased by 2.3°F between 1951-2017.



**Avg. Annual Temps**  
**+2.3 °F**  
1951-2017

Long-term climate pattern changes have included more heat waves across the Central and Eastern U.S. including the Great Lakes region.

Average temperatures are predicted to rise by 3°F to 6°F in the Great Lakes region by the year 2050.

## HEAT-RELATED ILLNESS

More extreme heat events can cause more heat-related illnesses that affect human health in serious ways.

- Even short periods of high temperature can cause serious, and sometimes life-threatening, health problems like heat exhaustion and heat stroke.
- More illness and deaths happen when summer days are hotter than normal.
- Heat is the leading cause of extreme weather-related deaths in the United States.

### Number of Hospitalizations for Heat Illness

From 2001-2015



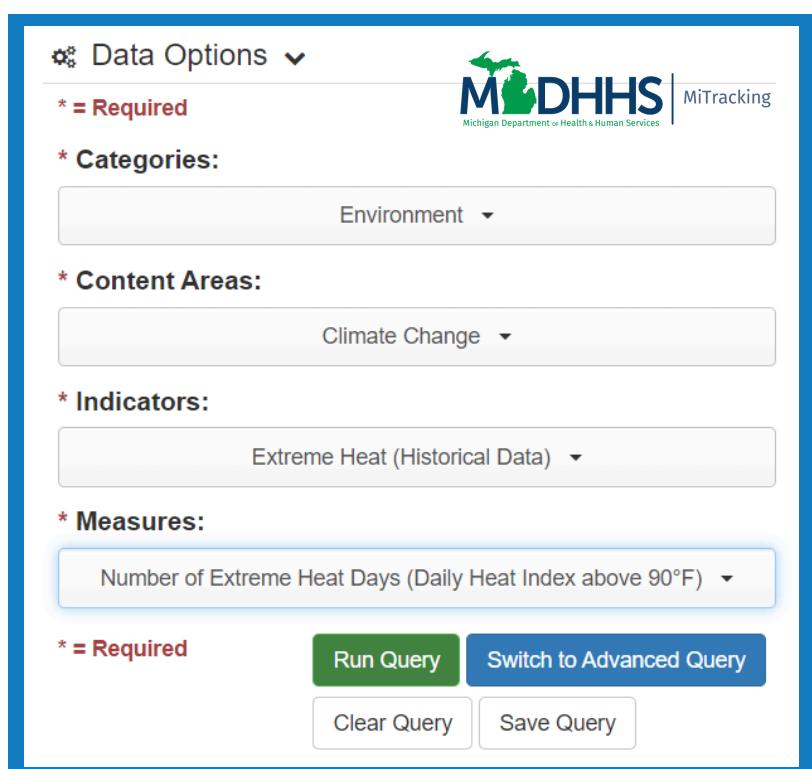
Source: [MiTracking](#)

## DATA

MiTracking makes finding and using data on Michigan environmental and health topics easy. The MiTracking data portal is free, interactive and available to all. Users can search, download and display data in tables, charts, and maps like the one found in this infographic.

MiTracking offers heat-related information and data on:

- Climate Change
  - Extreme Heat (Historical Data)
- Heat Illness
  - Emergency Department Visits
  - Hospitalizations



**Data Options** ▾

**\* = Required**

**\* Categories:** Environment ▾

**\* Content Areas:** Climate Change ▾

**\* Indicators:** Extreme Heat (Historical Data) ▾

**\* Measures:** Number of Extreme Heat Days (Daily Heat Index above 90°F) ▾

**\* = Required**

Run Query | Switch to Advanced Query

Clear Query | Save Query



Explore data at [Michigan.gov/MiTracking](http://Michigan.gov/MiTracking) or scan the QR code (right).

Learn how Michiganders can improve health by reducing climate change and adapting to its impacts at the resources below.

## RESOURCES

- [MICHAP - Michigan Climate & Health Adaptation Program](http://Michigan.gov/ClimateAndHealth) (URL: [Michigan.gov/ClimateAndHealth](http://Michigan.gov/ClimateAndHealth))
- [Michigan Environmental Public Health Tracking](http://Michigan.gov/MiTracking) (MiTracking) (URL: [Michigan.gov/MiTracking](http://Michigan.gov/MiTracking))



Scan the QR code (left) for an electronic version of this document.

