MiTracking

Creating Maps

Michigan Environmental Public Health Tracking

Creating Maps

Welcome to the Michigan Environmental Public Health Tracking, or MiTracking, tutorial on Creating Maps.

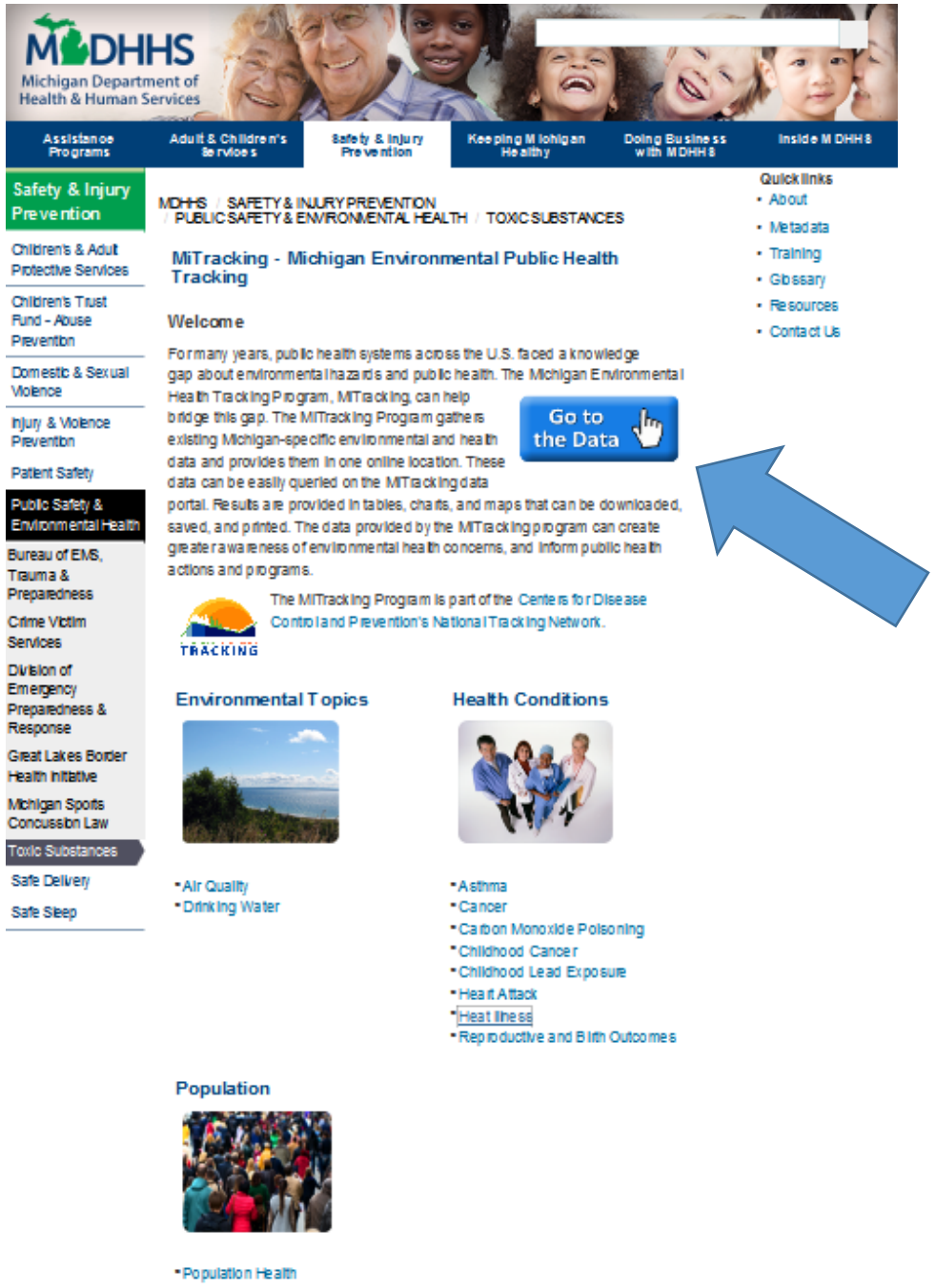
Maps are one of the useful ways to view query results. This tutorial will show you how to create them.

Let’s get started!

Running a query

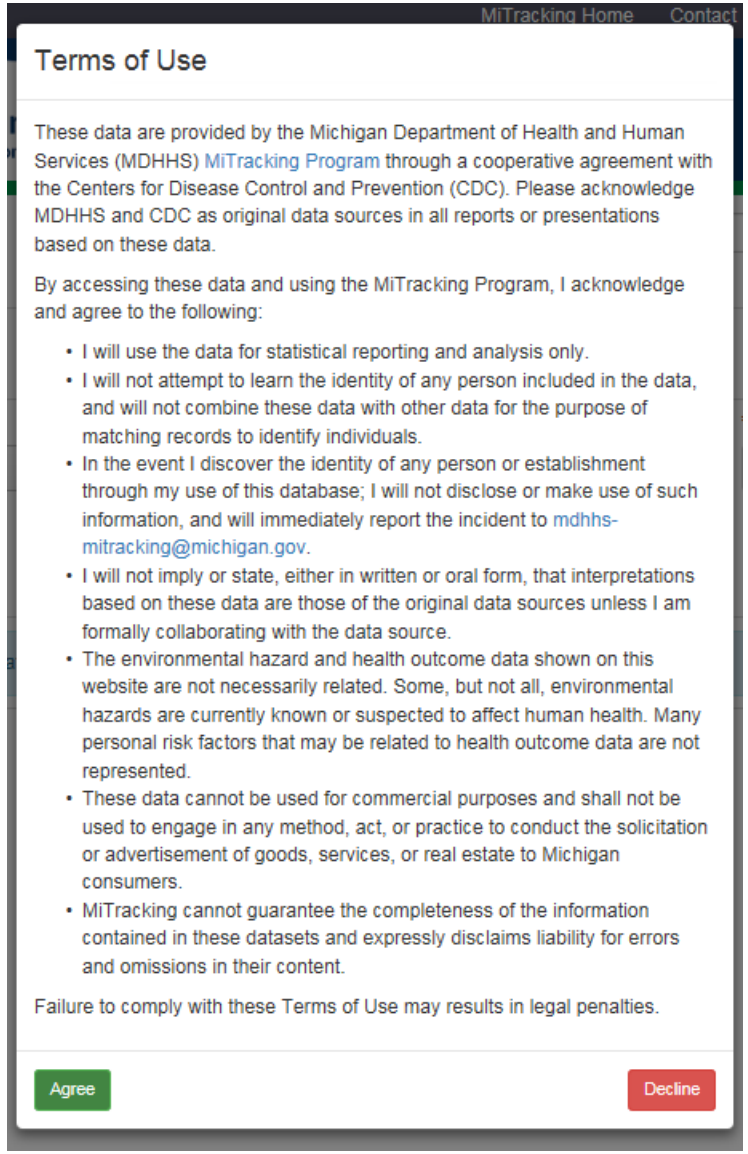
We'll find the data portal at michigan.gov/mitracking.

To enter the data portal, click on the blue **Go to the Data** button.



Terms of Use

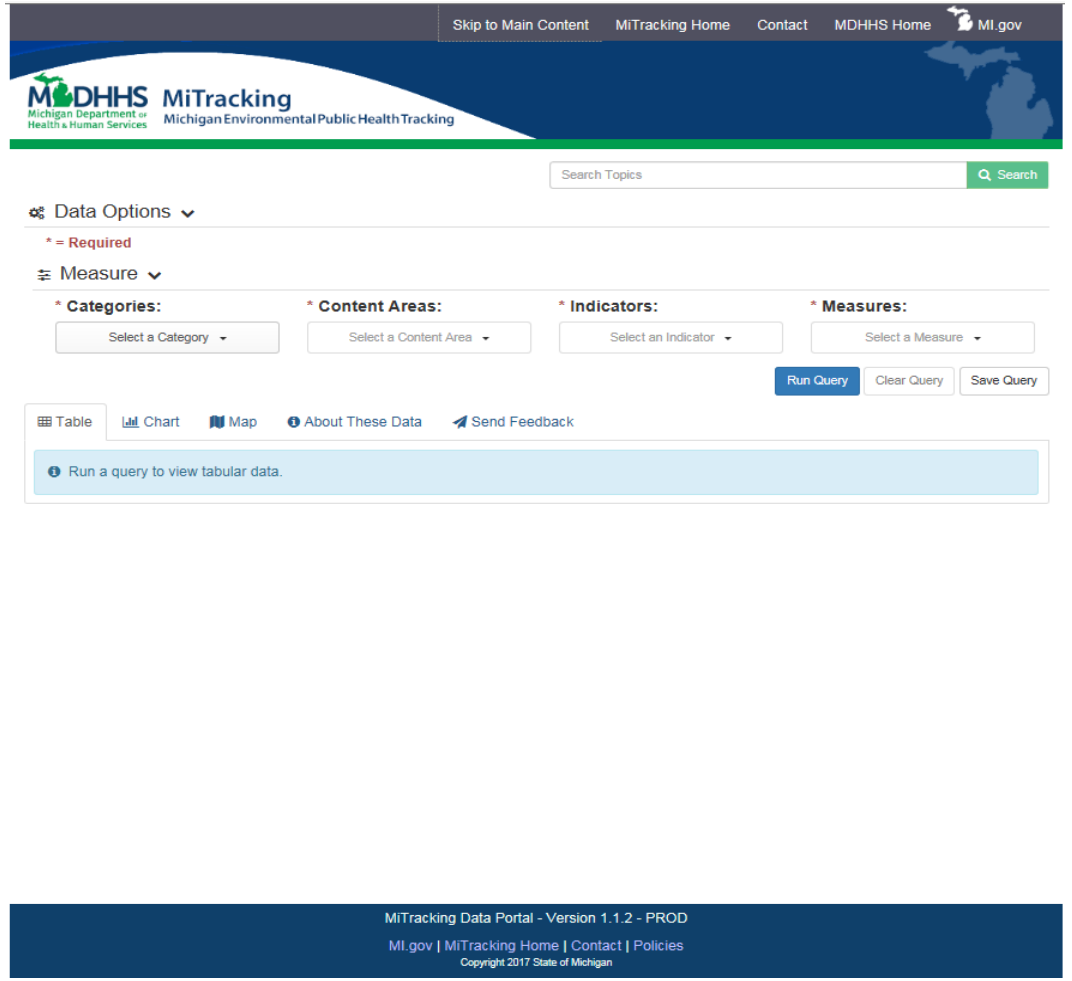
I accept the Terms of Use, so I'll click **Agree.**



Starting a Query

From the data portal main page I need to select a **Category**, **Content Area**, **Indicator**, and **Measure**.

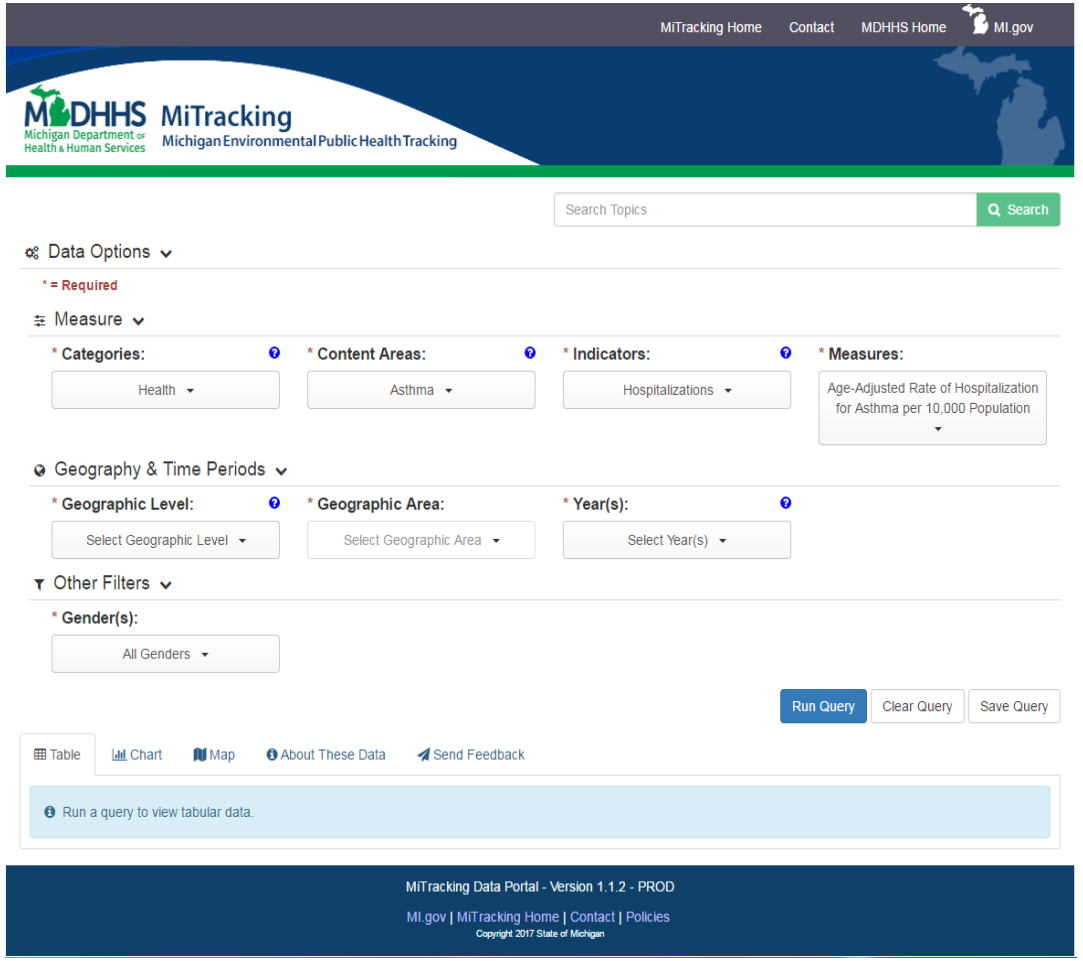
These selections are “dynamic,” meaning the options will change based on what you’ve chosen in the previous drop-down.



Selecting Data

For this example, I'll start by selecting **Health**, **Asthma**, **Hospitalizations**, and **Age-Adjusted Rate of Hospitalization for Asthma**.

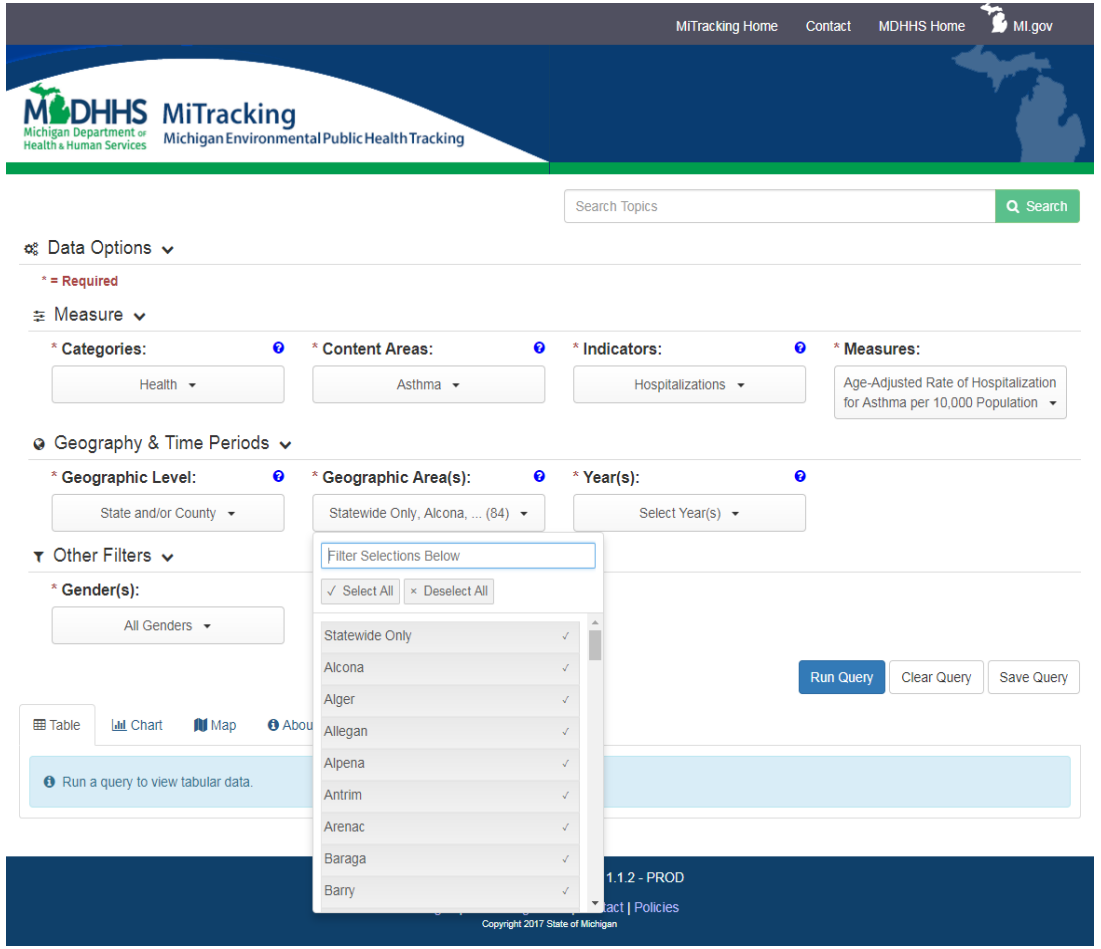
After I have made these four selections, more options will appear. The selections I make for **Geography & Time Periods** and **Other Filters** will determine whether my results can be mapped.



Geographic Areas

For this measure, I can choose either **State and/or County** or **Local Health Departments** for my Geographic Level, so I'll choose **State and/or County**.

To produce a map, I must select one, some, or all **Counties** as my geographic area. I want to know the age-adjusted rate of asthma hospitalizations for all the counties in Michigan, so I will choose **Select All**.

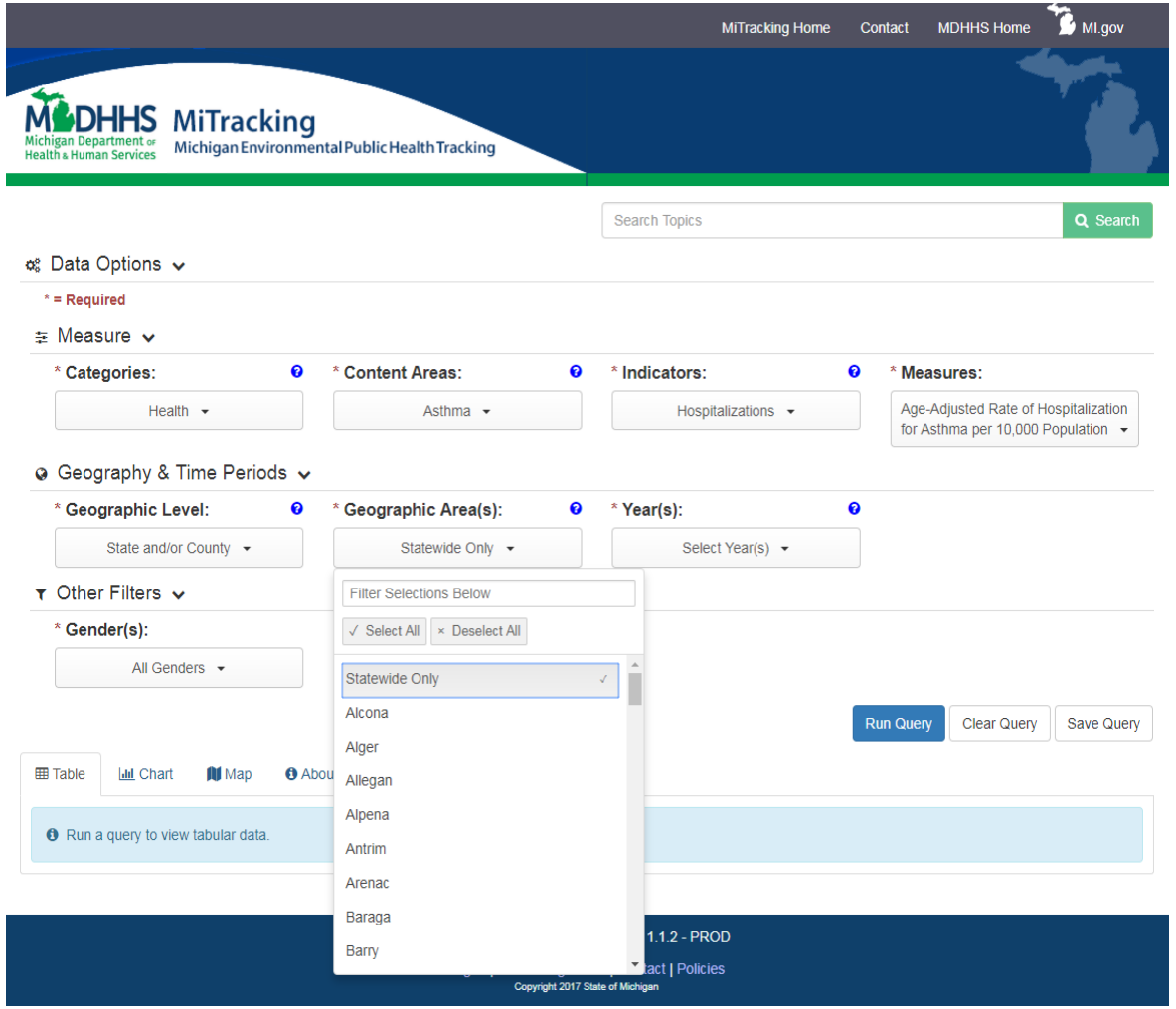


Statewide Only

For the **Geographic Area** selection, I may see the option to select **Statewide Only**.

Statewide Only will give me one result for the State of Michigan. I may want to include this option to compare individual county rates to the State of Michigan total rate.

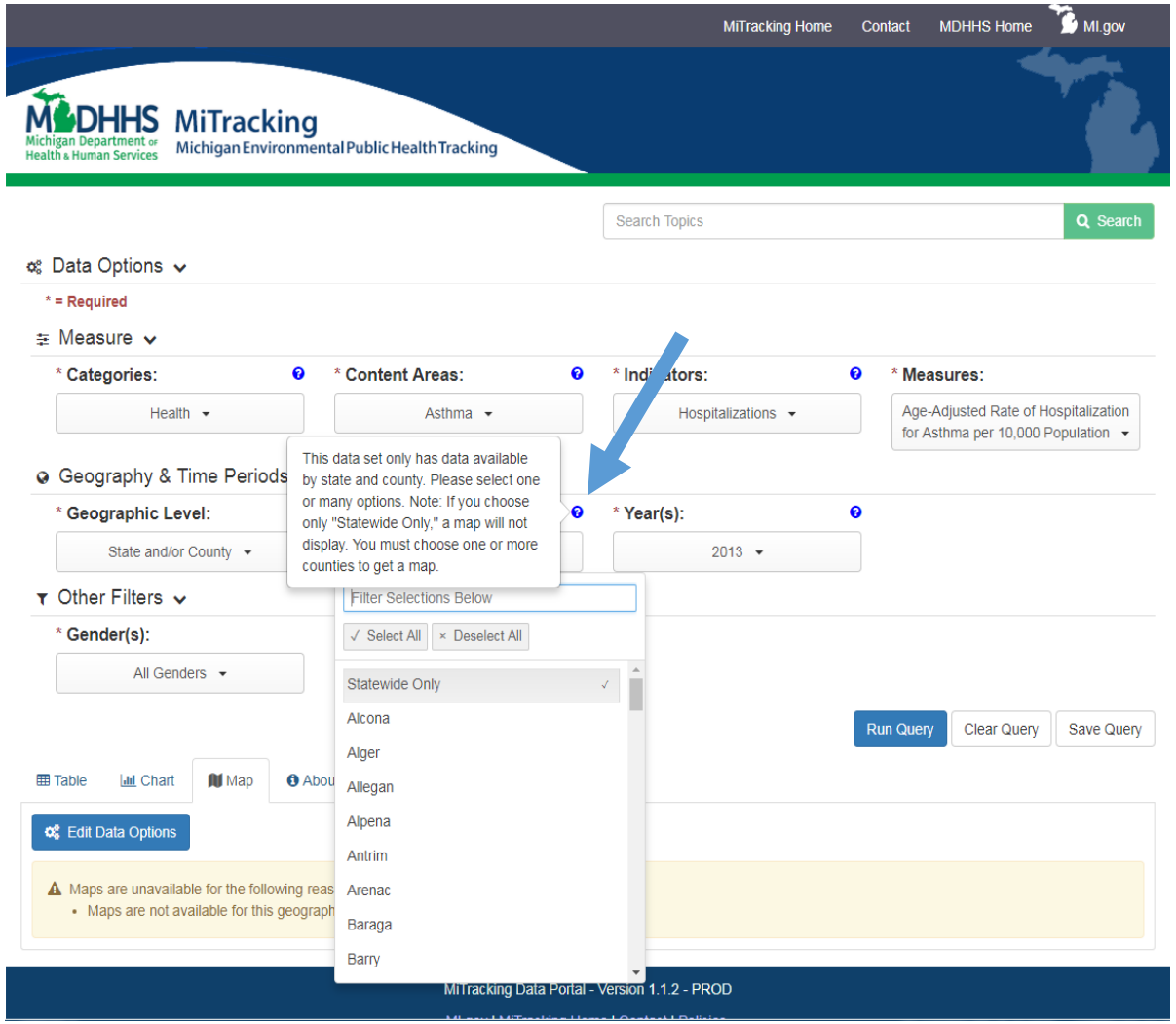
For some measures, data may only be available at the state level.



Statewide Only

If I make **Statewide Only** my only selection for **Geographic Area**, my query results will produce a table and chart, but not a map. Instead, the map tab will result in an error message.

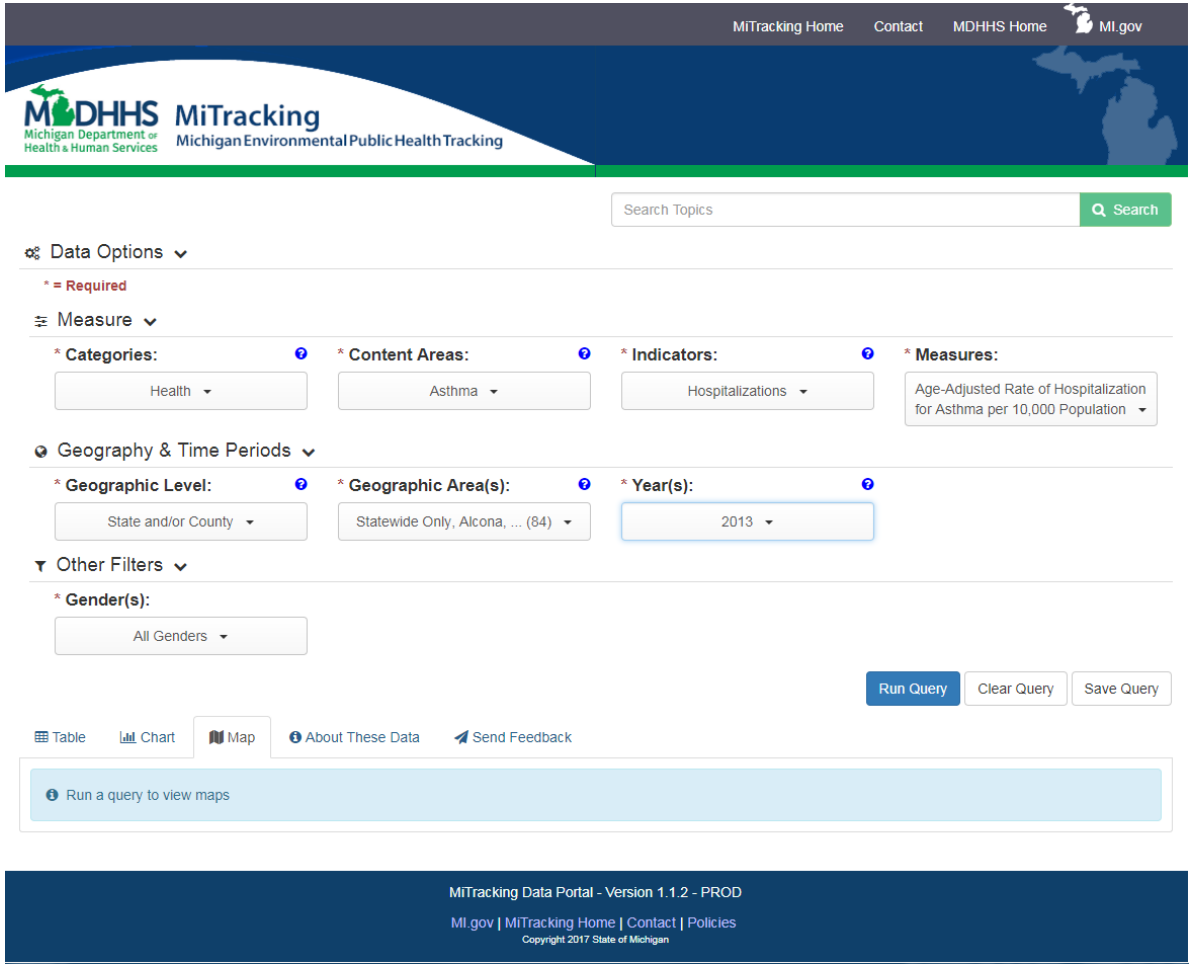
If I'm unsure about which selections will produce a map, I can hover over the help icon to remind me.



Time Periods

Only ONE selection for time period can be mapped for each query. Depending on the measure, the time period could be **5-year aggregates**, **single-years**, or **quarters**.

For this query, **single-years** are available and I'll select the year **2013**.

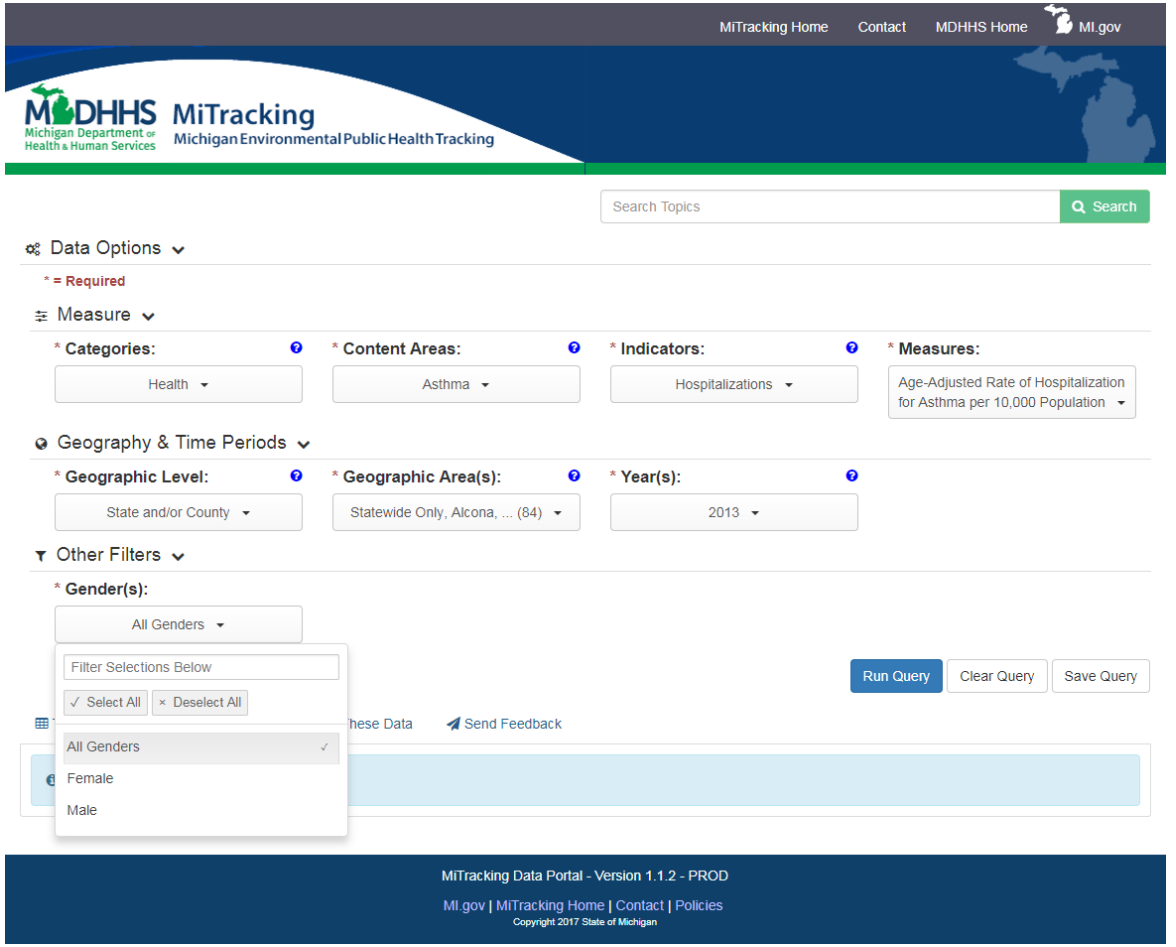


Other Filters

Only ONE selection for each of the **Other Filters** can be mapped per query.

Gender is the only **Other Filter** available for this measure, but other measures may have additional filters.

I can select **All Genders**, or I could select just **Females**, or just **Males**. I will select **All Genders**.

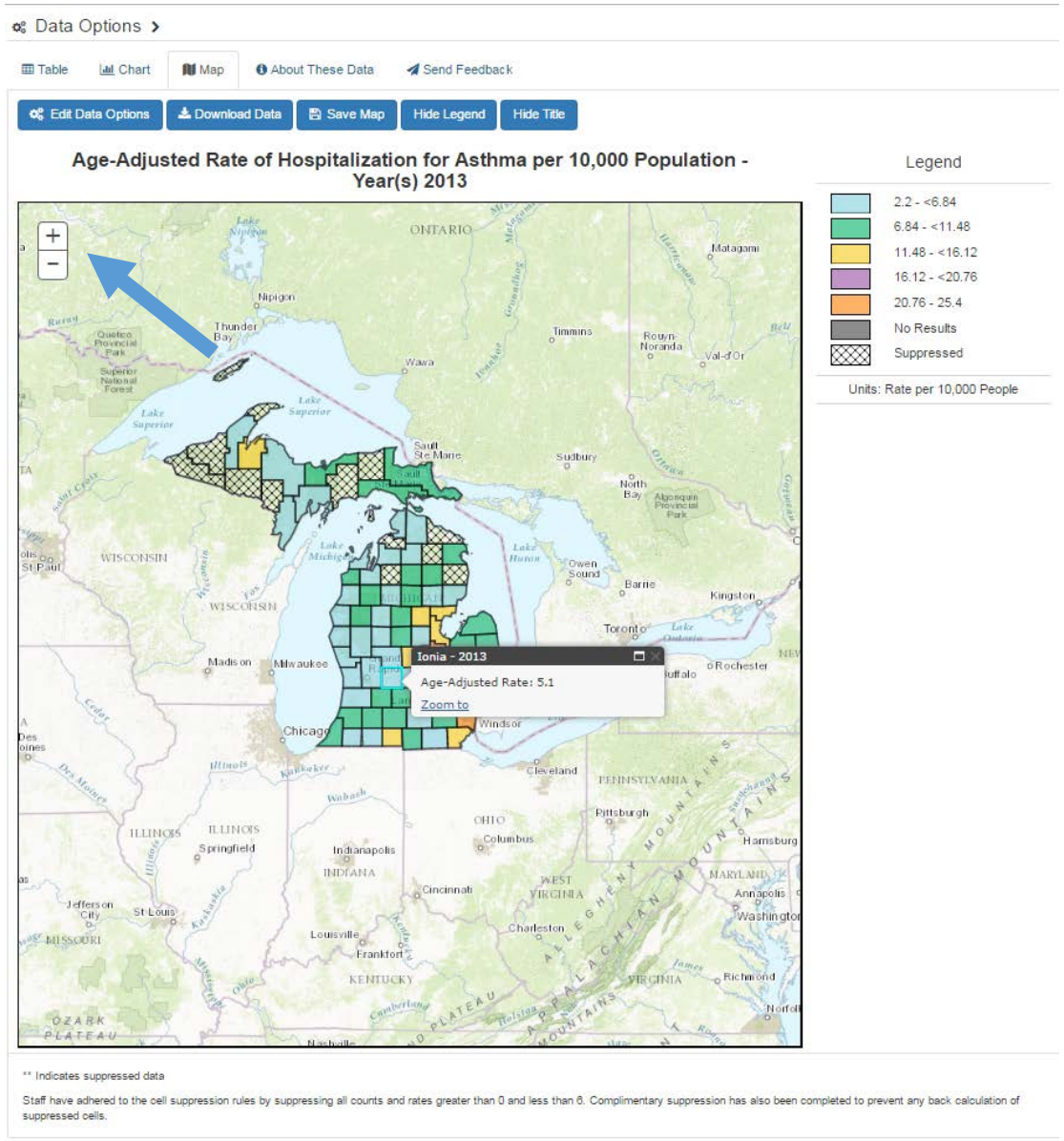


Results

After clicking the **Run Query** button, I'm ready to see my results! To view the map, I will select the **Map** tab.

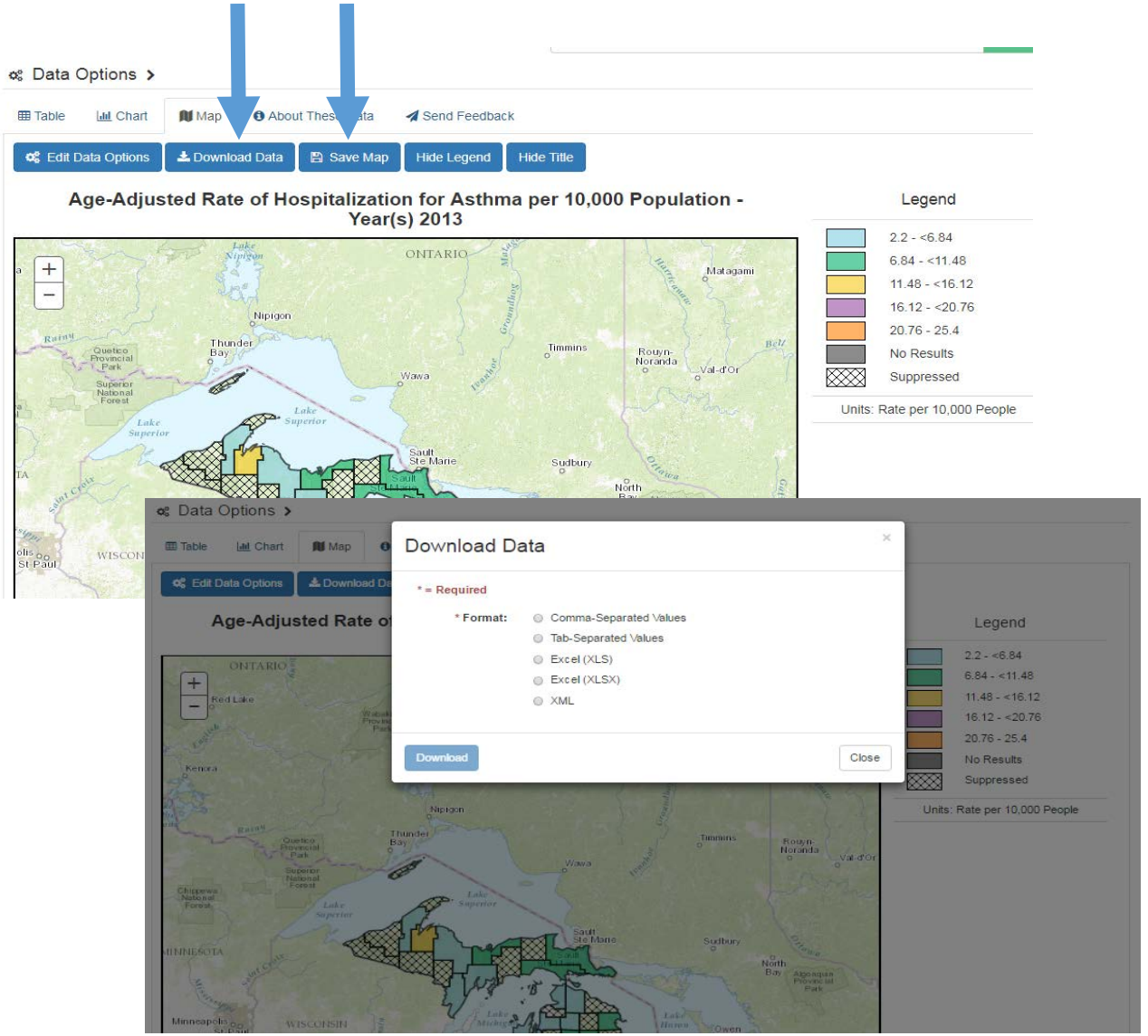
I can interact with my map by using the zoom buttons in the top left corner of the map, or by clicking on a county to see the specific rate.

Results for some counties may be too small to provide based on reliability and confidentiality. The data for these counties are suppressed and are shown in hashmarks.



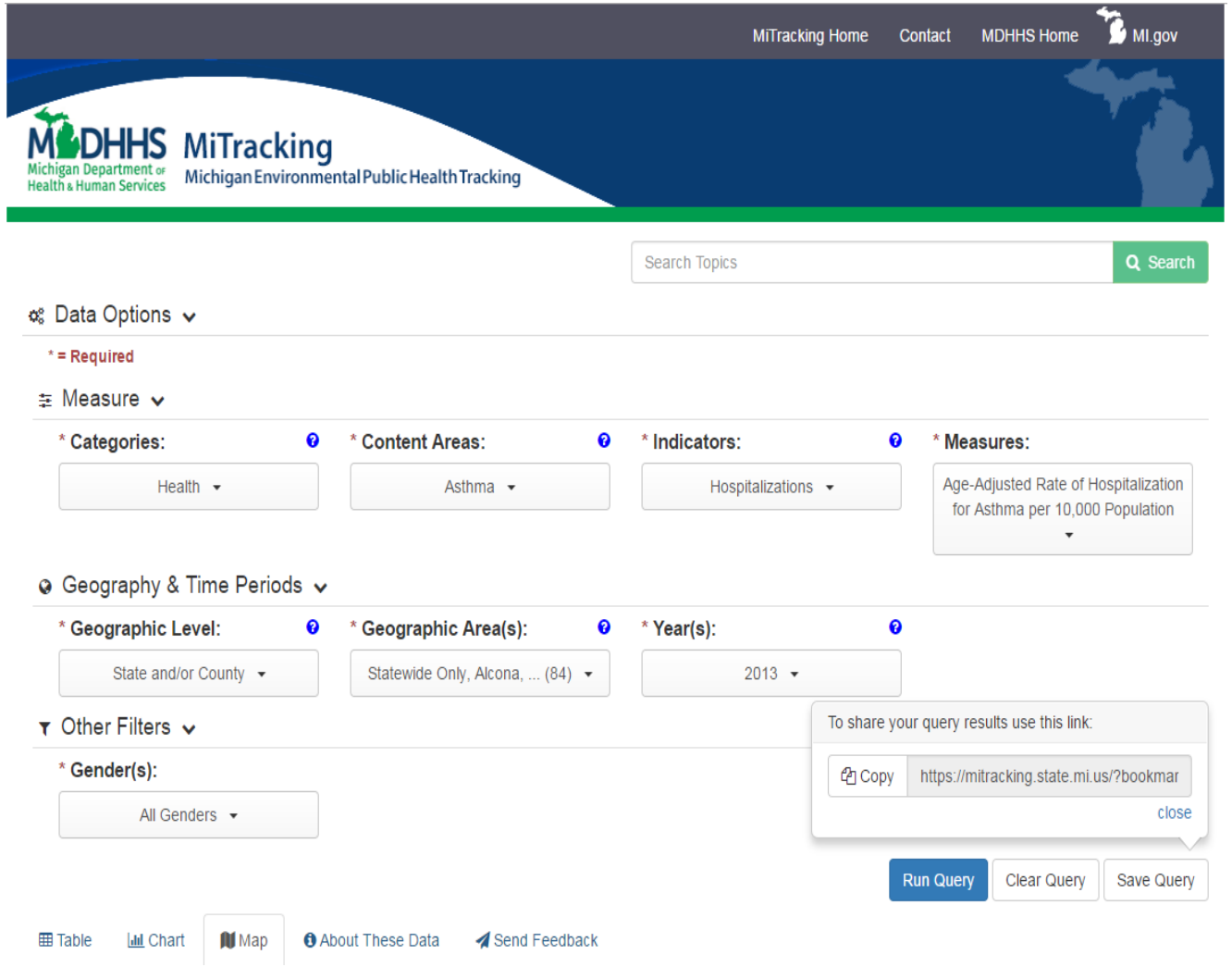
Results

I can also download the data or save my map as a picture using the **Download Data** and **Save Map** buttons.



Saving the Query

I can save my results by opening the **Data Options** dropdown, clicking on the **Save Query** button, and copying the link. This is a convenient way to share or save my query.



That’s it!

I just created a map on the MiTracking portal. Now I can include it in my next presentation. I can also find more information about asthma on the MiTracking website.

Not every measure on the MiTracking portal is available for mapping at this time, but we continue to add data and features to the portal. Contact us if you want to be added to our mailing list, and we can send you updates.

If you have questions, call the Michigan Environmental Public Health Tracking Program at 800-648-6942 or email us at mdhhs-mitracking@michigan.gov. Thank you for taking the time to watch this tutorial. Check out our other tutorials, too!

Thank You!

MiTracking Michigan Environmental Public Health Tracking

MDHHS Michigan Department of Health & Human Services

Find MiTracking at www.michigan.gov/mitracking

Email: mdhhs-mitracking@michigan.gov

Phone: 800-648-6942