



User Guide

Map Flint is a community-wide online mapping project, accessible and open to the public, which features a broad variety of data from numerous public sources. Map Flint users are able to view, customize and print maps from their work or home computer. <https://mapflint.org>



Geographic Information Systems Center, Department of Geography, Planning & Environment

Office of University Outreach

Interactive Maps

Economic Development Theme Layers

- Locations to receive Small Business Assistance
- 2014 Education versus Income
- 2014 Median Household Income
- 2014 Educational Attainment for population 25 years old and younger
- 2010 Median Household Income
- 2010-2014 Median Household Income
- 2014 Employment Status, 16 years and over
- 2014 Housing Value

Education Theme Layers

- Genesee County School Districts
- Public Schools in City of Flint
- Private/Charter Schools in City of Flint
- Flint Community Schools
- 2014 Population Under 5 years old
- 2014 Genesee County Population Under 17 years old
- 2014 Educational Attainment Under 25 Years Old
- 2014 Population Under 5 years old within Genesee County School Districts

Demographics Theme Layers

- Flint Wards
- 2014 Median Household Income
- 2014 Household Density
- 2012-2014 Population Change
- 2000-2010 White Population Change
- 2000-2010 Black Population Change
- 2012-2014 White Population Change
- 2012-2014 Black Population Change
- 2000 Population
- 2010 Population

Map Title

Search Bar



Genesee County Education

Enter a name of a school

Show Map Overview

Zoom In

Zoom Out

Default Extent

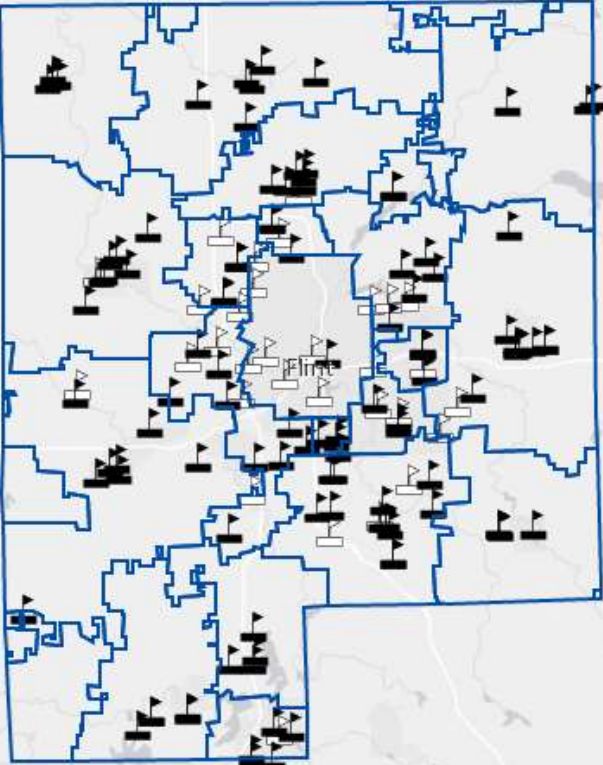
My Location

Share this Map

Print

Basemap Gallery

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Coordinates of Cursor

43.149 -82.885 Degrees



Scale

Add Data

Layers List

Query

Select



Legend

Draw

Buffer

Attribute Table

rford

Esri, HERE, DeLorme, NGA, USGS, NPS | Esri, HERE



Map Flint Features



Zoom in – Zoom the map area of interest in.



Zoom out – Zoom the map extent out.



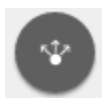
Default Extent – Standard map extent.



My location – Users geographic location.



Show Map Overview – This tab presents a pop-up that shows the map location in reference to the surrounding area.



Share This Map – This tab allows for the map to be shared via a direct link, an embedded link or to social media sites.



Print – Print/export a PDF document or image of the map the user is currently viewing.

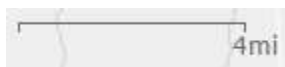


Basemap Gallery – This tab allows for the user to select a base map from a galley of pre-downloaded basemap data.

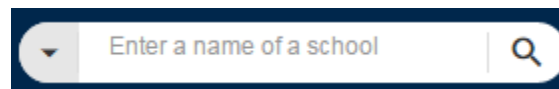
Location - Longitude and Latitude of cursor point

43.020 -84.071 Degrees

Scale – Distance equivalent of the map in view

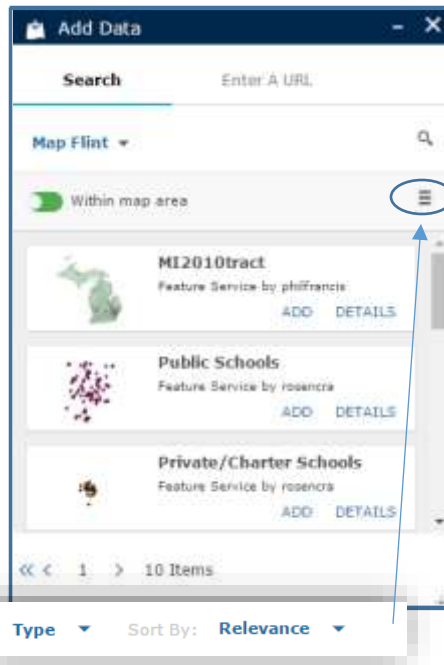


Search Bar – This bar allows the user to search a specific area of interest within Map Flint. Users can search addresses or use keywords. The drop down arrow allows the user to select a single layer to search within to narrow their search.





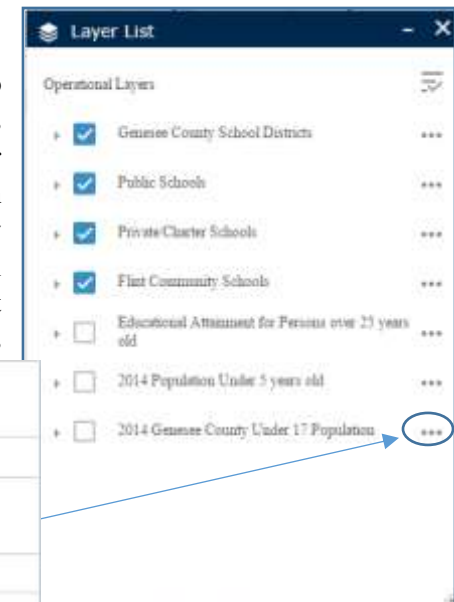
Add Data – This tab allows you to add data from the Map Flint database. Users can then add additional information to their map, according to their needs. Map previews are displayed on the left hand side and details available through a clickable link on the right. Clicking ADD, automatically links this data to the map layers. Clicking on the three bars on the top right hand corner will open options to select data type and how to sort it.



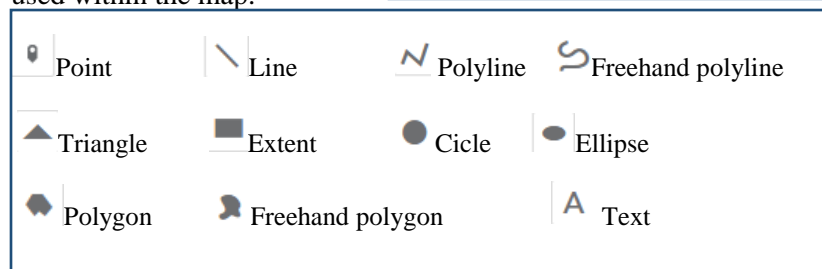
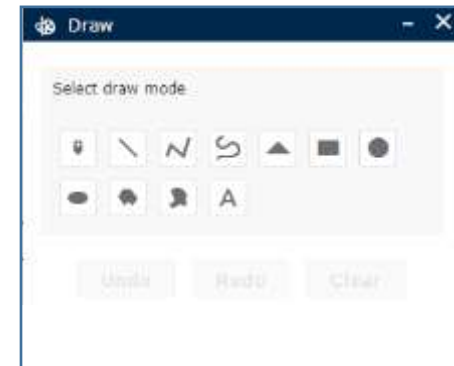
Legend – The legend is shown when the mapping platform is opened. This tab will show you every layer currently shown on the map and what the symbol for each layer is.



Layer List – This tab allows you to see all layers available. You can check or uncheck each layer to view on the map. Clicking the arrow next to the check box will show the symbols for that layer. Clicking the three dots on the right opens a menu that allows for zooming in, transparency, disabling pop-ups, moving the map up or down, opening the attribute table and to view the item details.



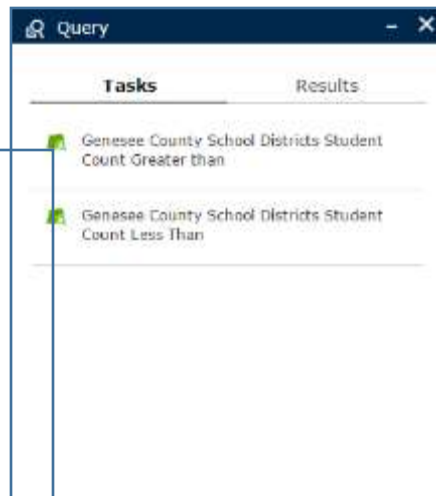
Draw tool – Draw on the map with lines, points, text, or polygons. These created objects will then become layers that can be used within the map.



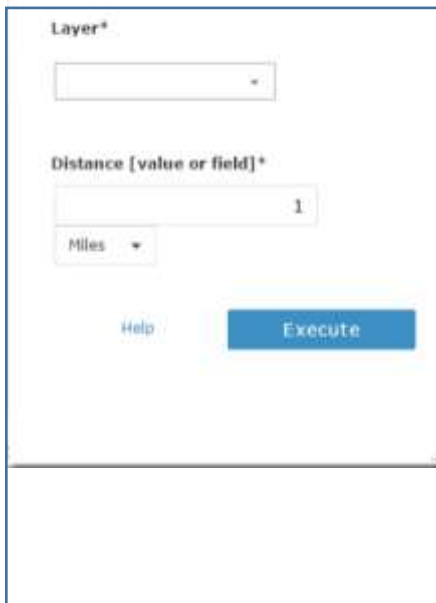


Query tool – Allows the user to query the data using pre-defined queries. Results will show a selection of all objects that meet that criteria.

Example: Select all the block groups with a median household income greater than \$22,000. The result will show you all block groups that meet the criteria.



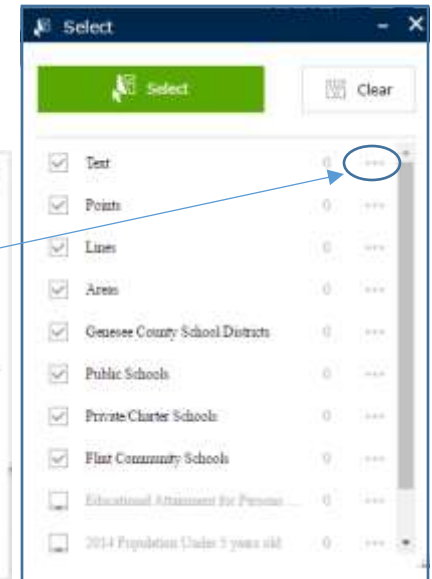
income greater than \$22,000.



Buffer tool – This tab allows for you to create a buffer for the area of interest. Select the layer that you would like to set a buffer for and then choose the distance and unit.



Select tool – This tool allows the user to select and highlight an area. From this selection, users are able to perform various actions to the selected records. Clicking the three dots on the right side will prompt a selection actions menu that allows for zooming, panning, flash, export to CSV file/Feature collection/ GeoJSON, performing statistical operations, creating a layer, viewing the attribute table and to clear the selection.



Attribute Table – Allows the user to view the actual spreadsheet of data of each layer. From this widget, you can download the data via CSV (comma-delimited) that you can open in Microsoft Excel.

OBJECTID	FIPS_CODE	FIPS_NAME	NAME	LABEL	TYPE	CITY_CODE	DCODE	ISO	POP	SQMI
1	23010	11,010	Hillbington Community Schools	Hillbington	School	040	70100	70	18.61	7.10
2	10110	10,110	Elba Area School District	Elba	School	040	20100	20	122.76	58.00
3	05420	5,420	North Run Area School District	North Run	School	040	73170	73	4.34	1.75