We only use cookies that are necessary for this site to function to provide you with the best experience. The controller of this site may choose to place supplementary cookies to support additional functionality such as support analytics, and has an obligation to disclose these cookies. Satsaribe inoupdates from Indiana State



# **Indiana State Library**

Email Address e.g.
name@example.com
Subscribe

#### **Share Bulletin**

Library



# **DataPoint | September 2023**

Indiana State Library sent this bulletin at 09/28/2023 09:07 AM EDT

DataPoint | September 2023

A Newsletter for Indiana Data Users

# IN StateDataCenter DataPoint

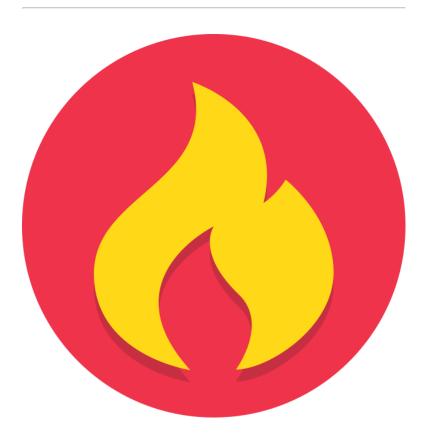
One key component of the Indiana State Data Center Program is its involvement with Geography and the Geo-community. We partner with the State of Indiana Geographic Information Office (GIO) and the membership organization Indiana Geographic Information Council (IGIC), as well as the Geography Educators Network of Indiana (GENI). The Geography Division of our primary federal partner, the U.S. Census Bureau, manages aspects of several surveys including the decennial census. You can read more about their work here. The Indiana State Library provides access to U.S. Census maps and USGS Topographic maps for Indiana in print and online. The IN SDC can also help locate geographic data and maps. For Indiana-specific geographic data layers, visit IndianaMap, which was recently redesigned for easier access and use. Enjoy the geographic resources in this issue of DataPoint.



# Federal and State Geography, GIS, and Map Resources

The U.S. Geological Survey (USGS) is the main federal resource for geographic data and maps in the United States. With the closure of their nationwide system of libraries over the last decade, knowing your local Federal Depository Library or State Data Center is even more important. As the world transitions to digital maps and places more emphasis on computerized data layers, libraries and archives hold much history in print maps that have not yet been digitized. The Indiana State Library has an extensive map collection that can be viewed in person or on the website. The Indiana Business Research Center's StatsIndiana houses authoritative boundary maps as well as geography tools for mapping you can find under their Maps tab. If you use IndianaMap, you can access its official geo-data layers in the Data Gallery. Several state agencies produce their own maps, including the DNR, INDOT, DWD, and more. Keep exploring maps!





## **Emergency Data and Maps**

The Covid-19 pandemic taught us all to be on guard for our health. It pushed people to develop new coping skills and tools to combat infectious disease. Emergencies highlight how imperative it is to have good geographic information for public use. The U.S. Census Bureau has two map services which show real-time data during emergencies: <a href="OnTheMap">OnTheMap</a> for Emergency Management and <a href="My Community Explorer">My Community Explorer</a>. Anticipate the nationwide impact of the latest stormfront or assess economic damage due to current wildfires. The Indiana Department of Homeland Security and Indiana Criminal Justice Institute offer data on current community risks on their dashboards, here: <a href="Community Risk Reduction">Community Risk Reduction</a> and <a href="ICJI Research">ICJI Research</a>.

OnTheMap for EM



# **Mapmaking Resources**

<u>ArcGIS</u> is the most common mapmaking software in the industry, however, the cost of the software is high. There are a number of resources for mapmaking that are free of cost and well known in the geo-community. There is a short list below.

### **QGIS**

#### **Grass GIS**

#### <u>OpenStreetMap</u>

### **ArcGIS Online**

For more information, see the Urban and Regional Information Systems Association (URISA) <u>Geospatial Fact Sheet: Open Source GIS</u>.

Open Source GIS





Indiana State Data Center
Indiana State Library
315 West Ohio Street
Indianapolis, IN 46202
Find us here, on Facebook, & still on Twitter!

SUBSCRIBER SERVICES:

Manage Preferences | Delete Profile | Help
Powered by



Privacy Policy | Cookie Statement | Help