



MIAMI VALLEY
Regional Planning Commission

**Regional Geographic Information System (GIS)
Needs Assessment Survey Results**

July 2, 2024

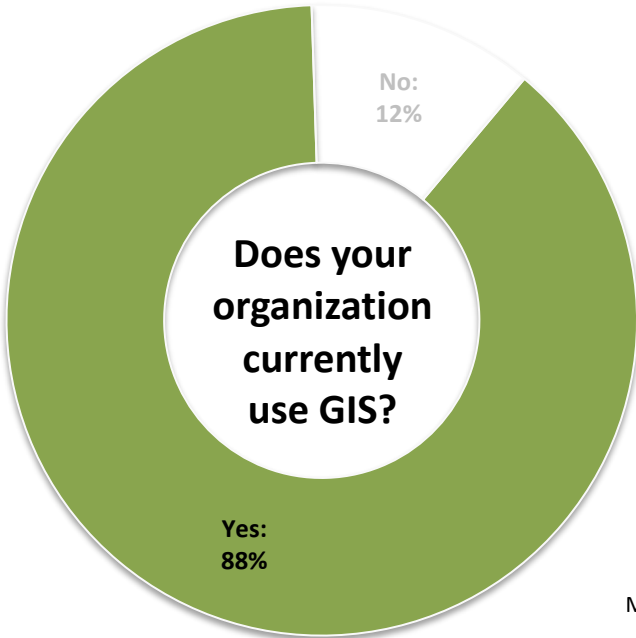
BACKGROUND

- PURPOSE
 - Identify how GIS is used in the Miami Valley Region and better understand various needs that exist at the local and regional level

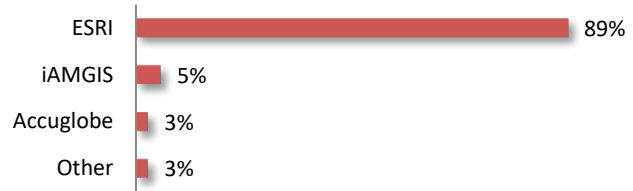
- SURVEY
 - Conducted between March 4, 2024 – March 29, 2024
 - Sent out directly to 150 recipients (GIS professionals and/or administrators in the local jurisdictions and other regional organizations) with additional promotion to Southwest Ohio GIS Users Group members
 - A total of 43 participants



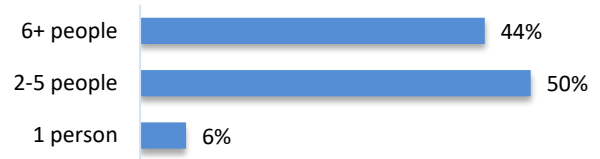
CURRENT GIS USERS



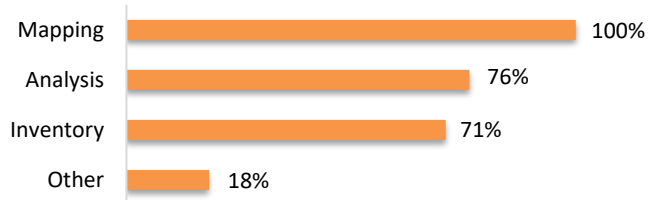
What software do you use?



How many people use GIS?



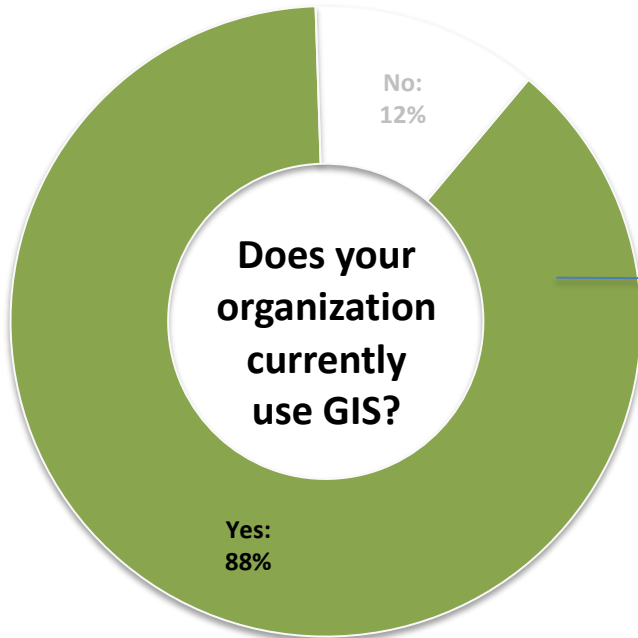
What activities do you currently do with GIS?



Other includes: data entry; workflow; and storytelling



CURRENT GIS USERS

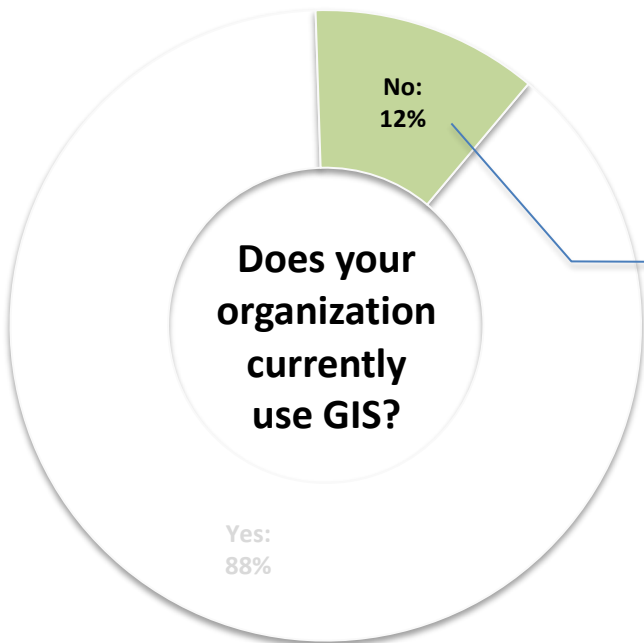


IN THE FUTURE, WE ANTICIPATE...

- Using Mobile Applications
- Using Web Applications
- More Data Collection
- More Data Management
- More Data Analysis
- More Project Management



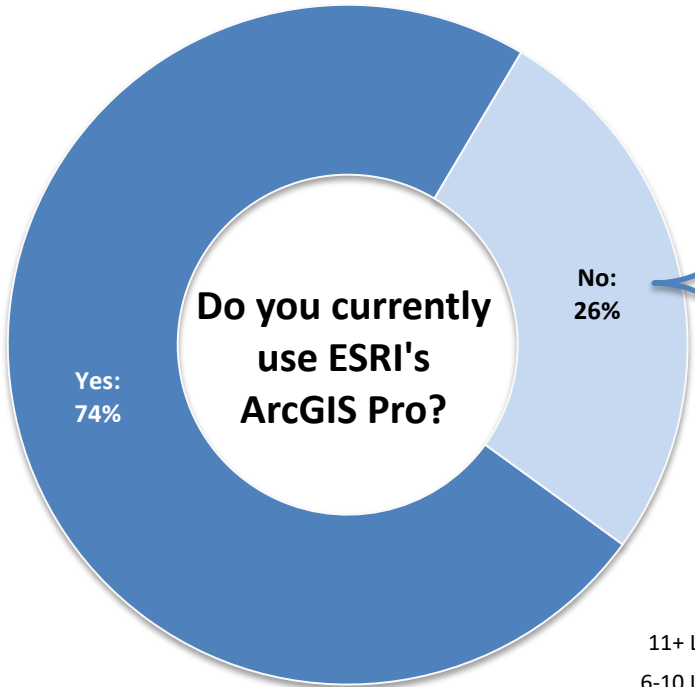
CURRENT GIS USERS



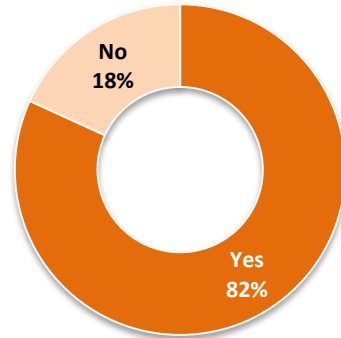
- **Five organizations responded as “not current GIS users”**
- **Four out of five expressed their interest in using GIS in the future for Mapping and Analysis**



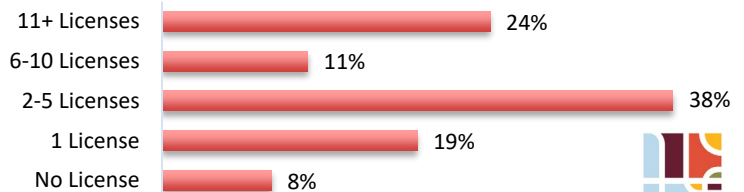
ESRI ARCGIS PRO



Are you interested in using ESRI's ArcGIS Pro?

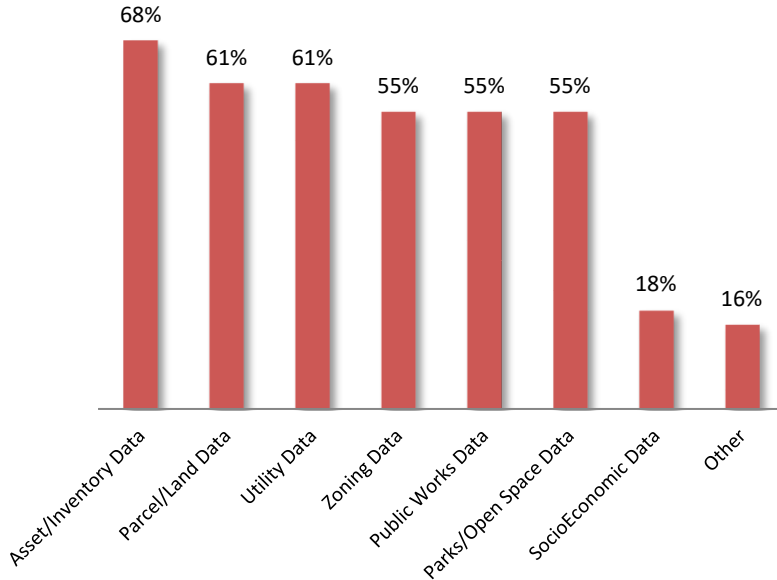


How many licenses does your organization maintain?



GIS DATA INVENTORY

What data do you maintain on a regular basis?



Other includes: Road network data; Surface and groundwater metrics; Tax Delinquent Parcels; Hazards; and Marketing Data

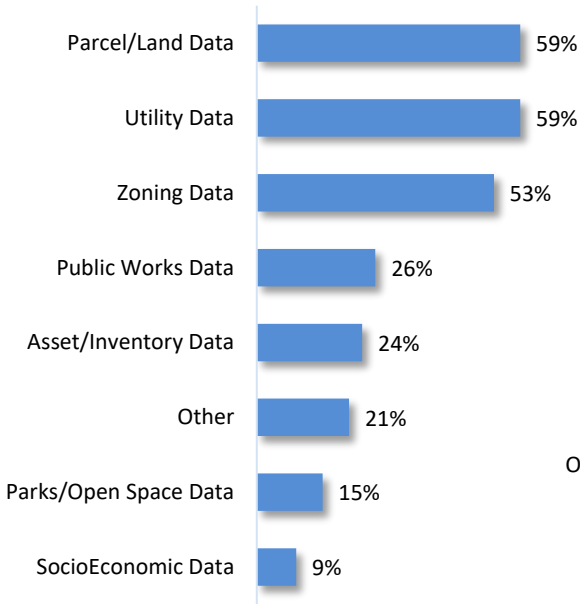
What data do you need that you currently do not have?

- **Transportation Data: Sidewalks, Traffic, Routing with Time, and Transit**
- **Utility Data: water, gas, electric, fiber**
- **Land Use/Land Cover Data**
- **Planimetric Data**
- **Income Tax**
- **Zoning Data**
- **Permit**
- **Public Safety Data**
- **Tracking work orders, maintenance changes**
- **3D models of city**



PUBLIC GIS DATA INTERESTS

What types of GIS data are most often requested from the public, such as citizens and business owners?

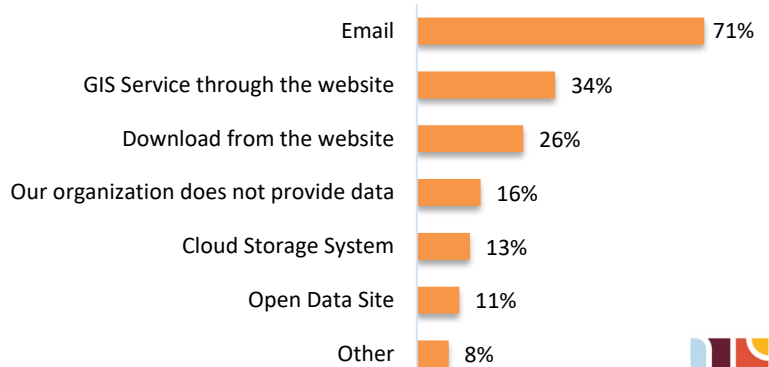


Other includes: Survey information; Road Inventory; Trash maps; Brush pick up maps; Council Wards; and Environmental Data

What geographic information is requested that you can't provide?

- Utilities (electric, water, and sewer)
- Speed limits
- Right of way
- Building address and owner information
- Security data
- Z axis information

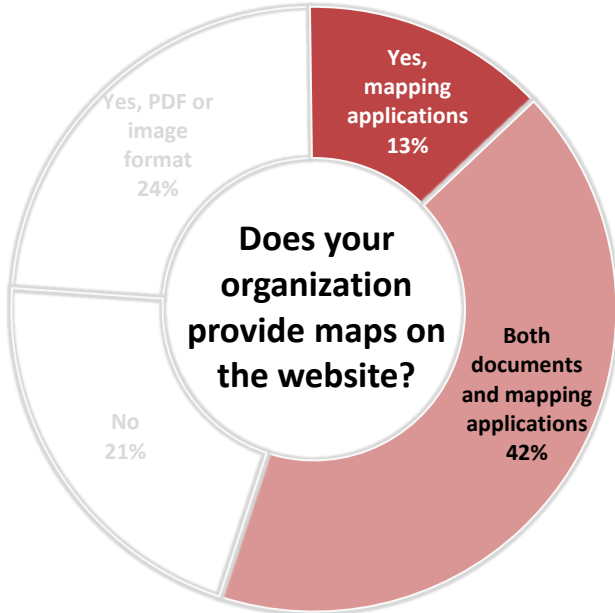
How do you provide the requested data?



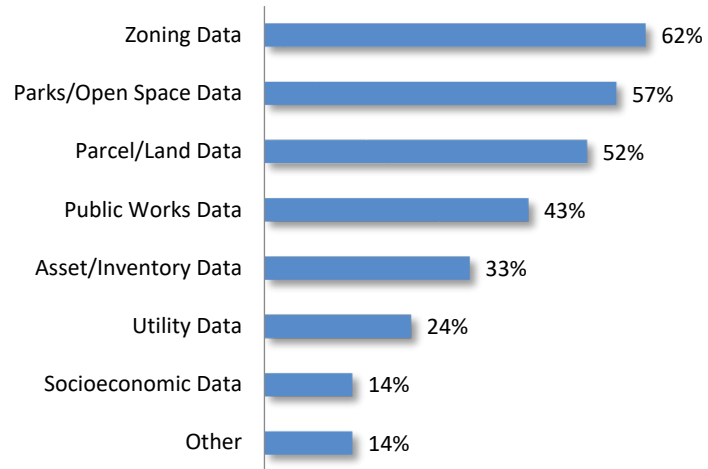
Other includes: Temporary Group in AGOL



MAP APPS ON THE WEB



What data do you provide through your mapping applications on your website?



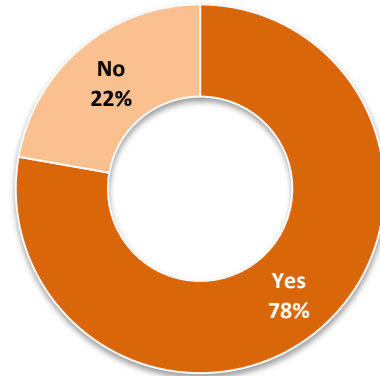
Other includes: Land Survey Data; Council Wards; and Road Inventory



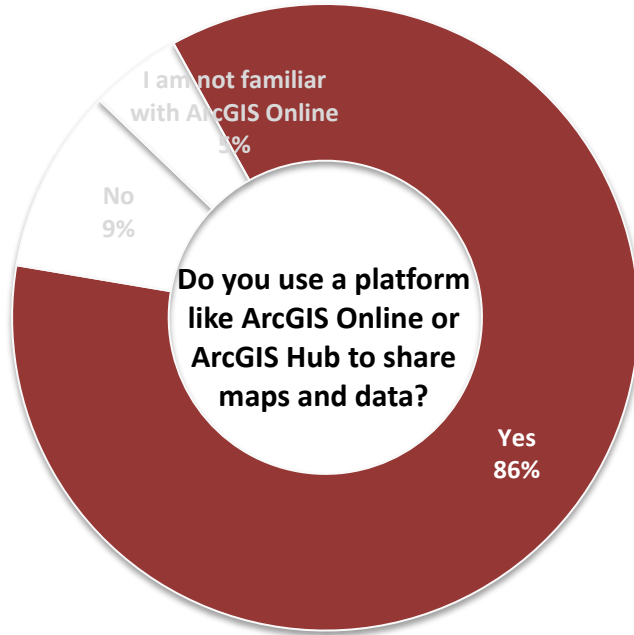
NO MAP APPS ON THE WEB



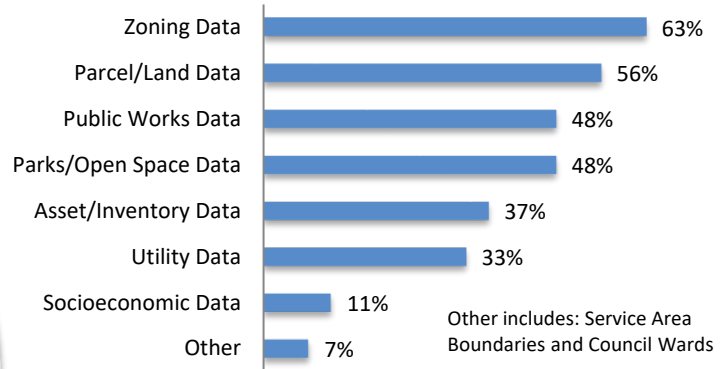
Are you interested in providing mapping applications on your website as a way to share maps?



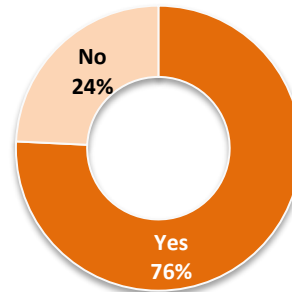
ARCGIS ONLINE USERS



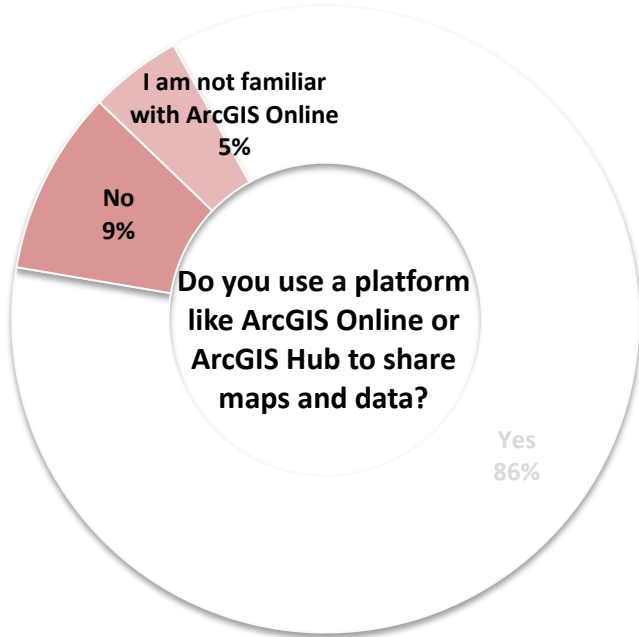
What do you currently share on ArcGIS Online?



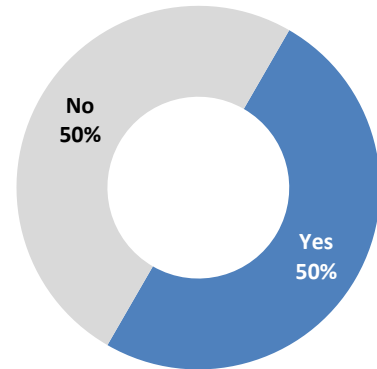
Do you use other Open Data sites like MVRPC's Geo-Spark, OGRIP's site, or ODOT's TIMS to access online maps and download data?



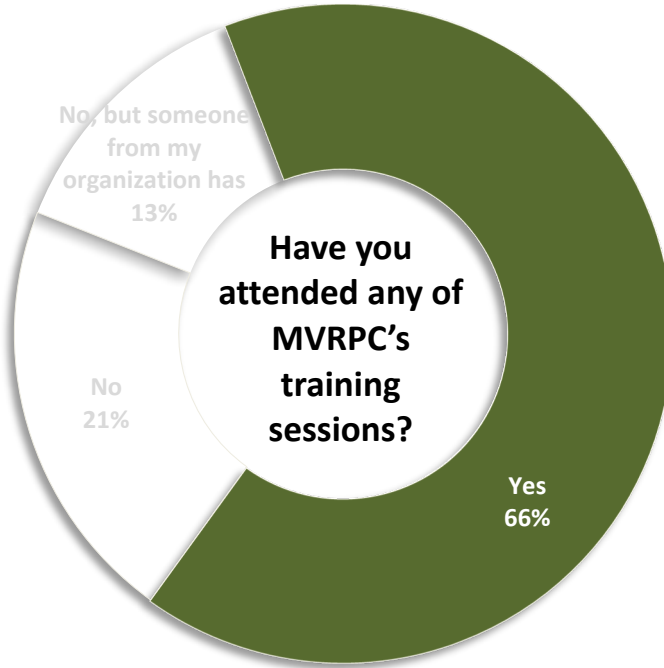
NO ARCGIS ONLINE USERS



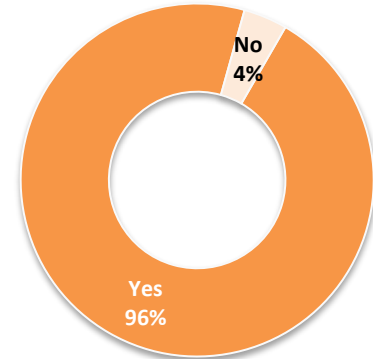
Are you interested in using these platforms for data sharing?



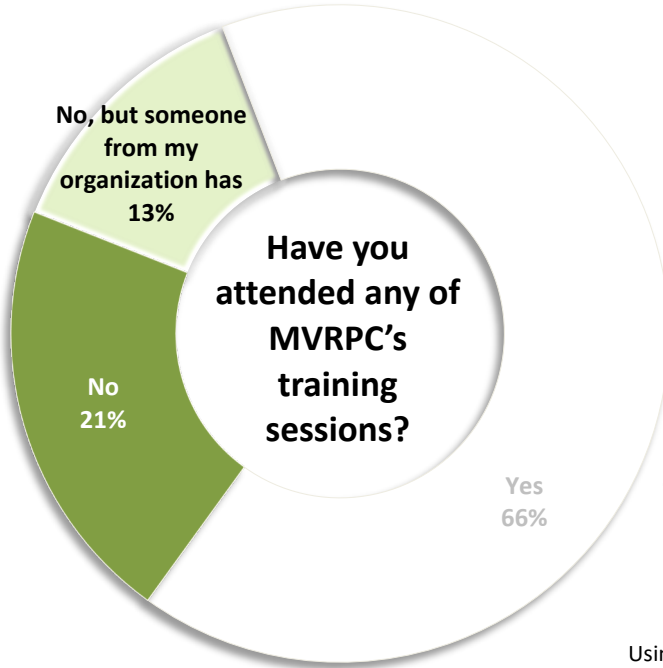
GIS TRAINING ATTENDEES



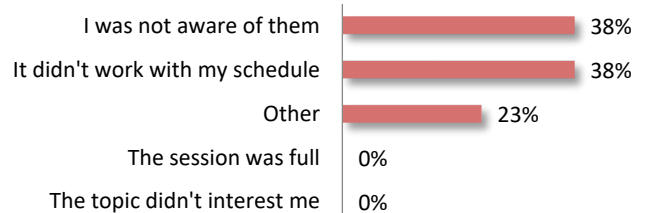
Did you find the training session useful?



GIS TRAINING NON-ATTENDEES

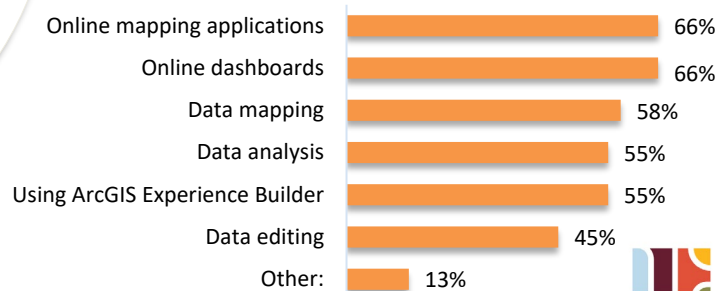


If you have not attended any GIS training sessions, why not?



Other includes: I could teach them; Sent other employees/members with less experience/training; and Don't have GIS software of their own, access the county GIS data

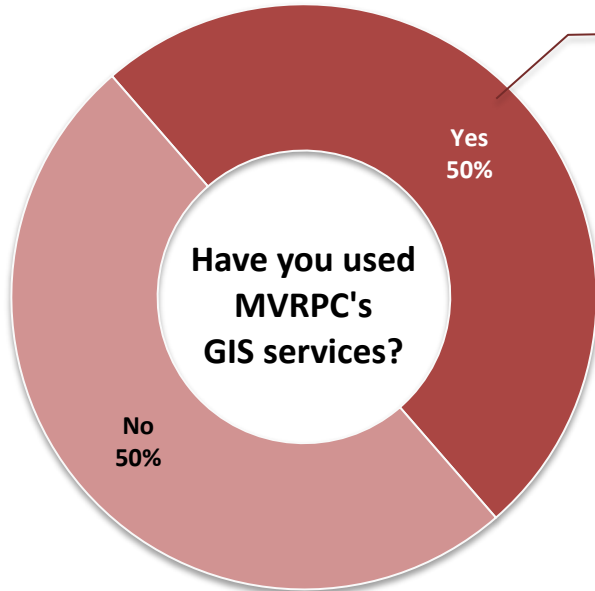
What training topics would be of interest to you?



Other includes: Utility Network; General how to use; Geoevent server; and Advanced Cartography

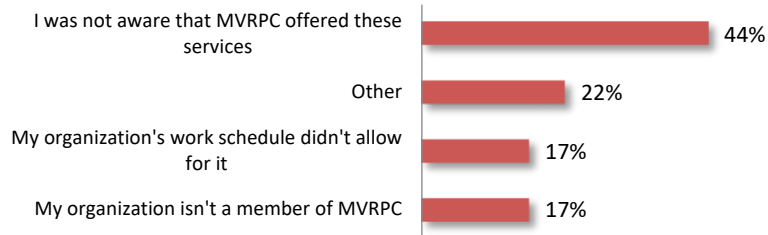


GIS SERVICES TO MEMBERS



All 19 organizations who responded "Yes" indicated MVRPC's service was useful to meet their needs

If you have not partnered with MVRPC on any GIS services, why not?



Other Includes: My organization has not had a significant need for GIS services from MVRPC; We use MVRPC data and generate our own maps; and We have a full staff of GIS professionals

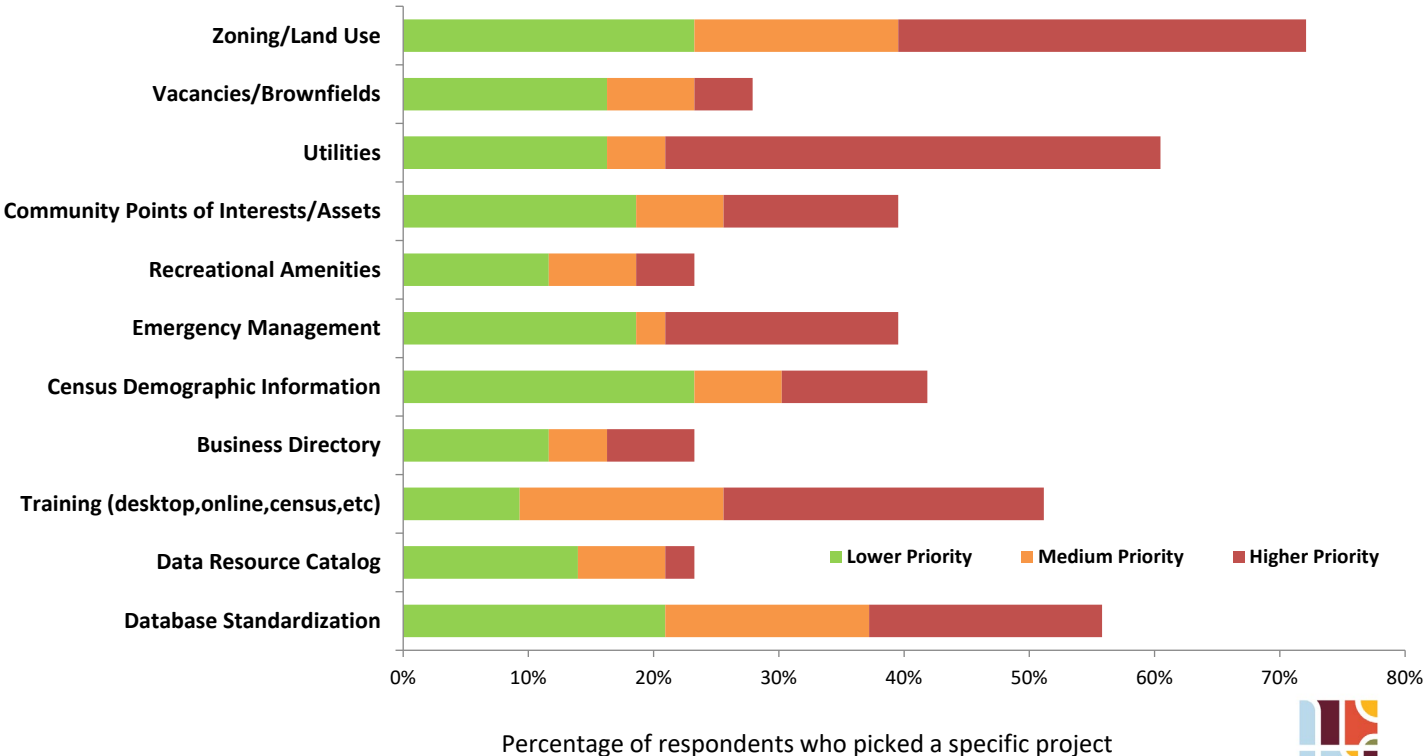
What suggestions do you have for MVRPC's GIS services?

- More trainings on different topics
- Online GIS data analysis request form
- One stop map/site similar to TIMS
- Host a user group
- None at this time, keep up the good work!



PROJECT IDEAS: PRIORITY RANKING

Of those project ideas, how would you rank your top 5 projects?



PROJECT IDEAS

Do you have any ideas or suggestions on what project(s) our region should pursue?

- 3D model
- Economic development & market analyses by industry
- Compile maps of all regional utilities (gas, electric, fiber, cable, etc.) for assistance with projects within each municipality and to avoid potential conflicts.
- Providing a framework for consistent, high quality data sharing across jurisdictional boundaries (e.g. road networks between counties). As a border community, I have to perform a significant amount of work to join data sets between counties to provide a complete view of my neighboring jurisdictions.
- Miami & Erie canal and Race mapping
- Climate change risks, impacts and readiness
- Utility Identification/Update
- Environmental and Sustainable Development for the future

