



MIAMI VALLEY
Regional Planning Commission

Regional Geographic Information System (GIS)
Needs Assessment Survey Results

December 23, 2019

BACKGROUND

- PURPOSE

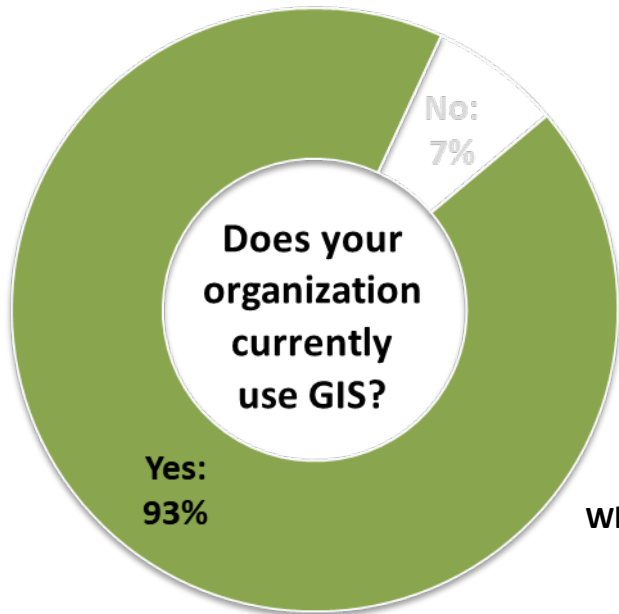
- Identify how GIS is used in the Miami Valley Region and better understand various needs that exist at the local and regional level

- SURVEY

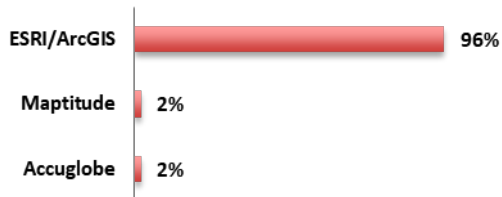
- Conducted between October 1, 2019 – October 18, 2019
- Sent out directly to 165 recipients (GIS professionals and/or administrators in the local jurisdictions and other regional organizations) with additional promotion to Southwest Ohio GIS Users Group members
- A total of 57 participants



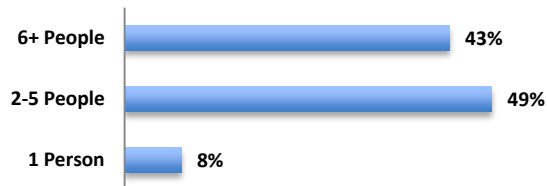
CURRENT GIS USERS



What software do you use?



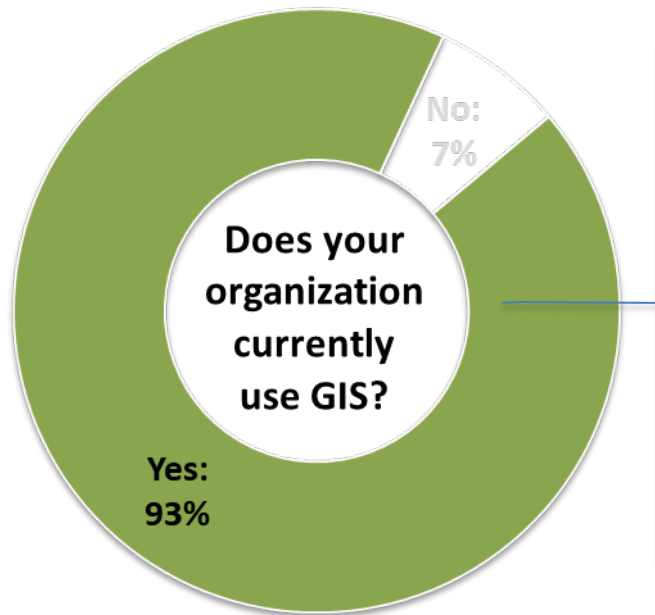
How many people use GIS?



What activities do you currently do with GIS?



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



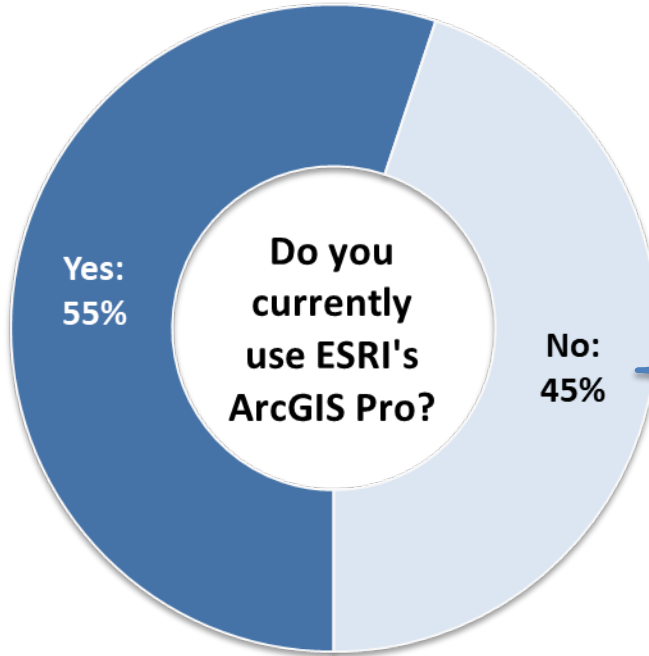
CURRENTLY NOT A GIS USER



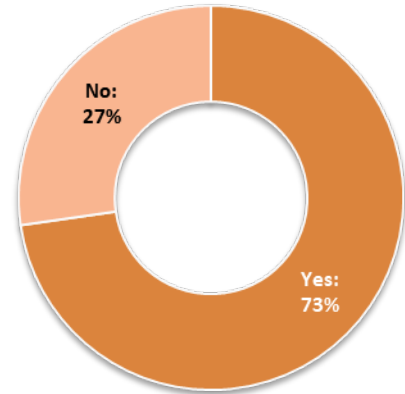
- Four organizations responded as “not current GIS users”
- Two out of Four expressed their interest in using GIS in the future for Mapping, Analysis, and Education



ESRI ARCGIS PRO

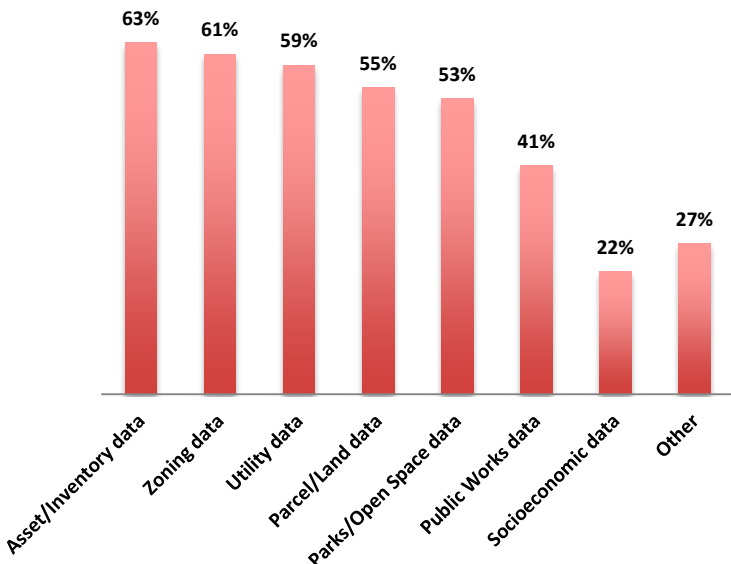


Are you interested in using ESRI's ArcGIS Pro?



GIS DATA INVENTORY

What data do you maintain on a regular basis?



Other includes: Public Safety, Water Resources, Buildings, Address Points, and Archaeology Data

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

By Subject

- Transportation Data: Sidewalks, Street Addresses, Traffic, and Transit
- Water Utility Data
- Census Demographic Data
- Land Use/Land Cover Data
- Topographic Data
- Lidar Data
- Aerial Photography

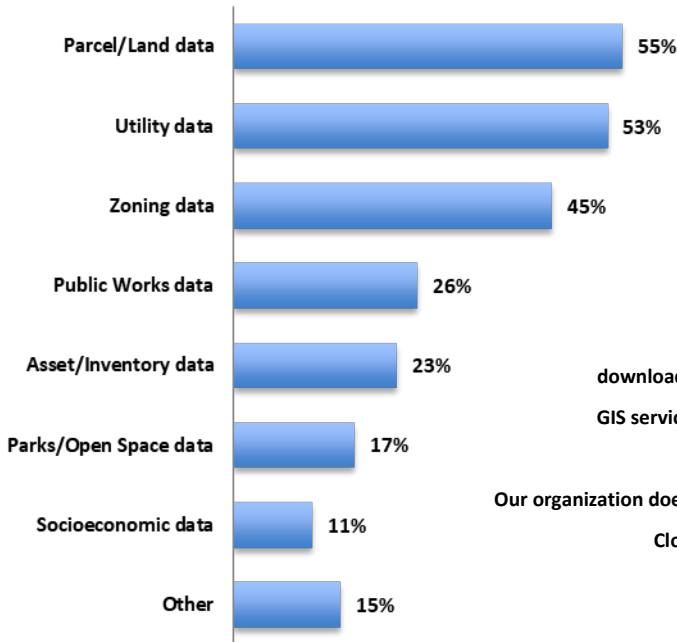
By Geography

- Regional/Countywide Data



PUBLIC GIS DATA INTERESTS

What GIS data are most often requested from the public?

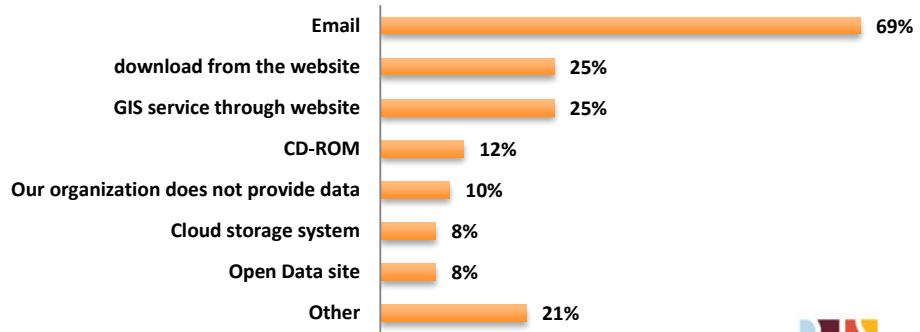


Other includes: Transit Routes, Bus Stops, Water Resource Data, Contours, Aerials, and Lidar Data

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

- Water
- Sewer
- Storm Water
- Fiber Optics

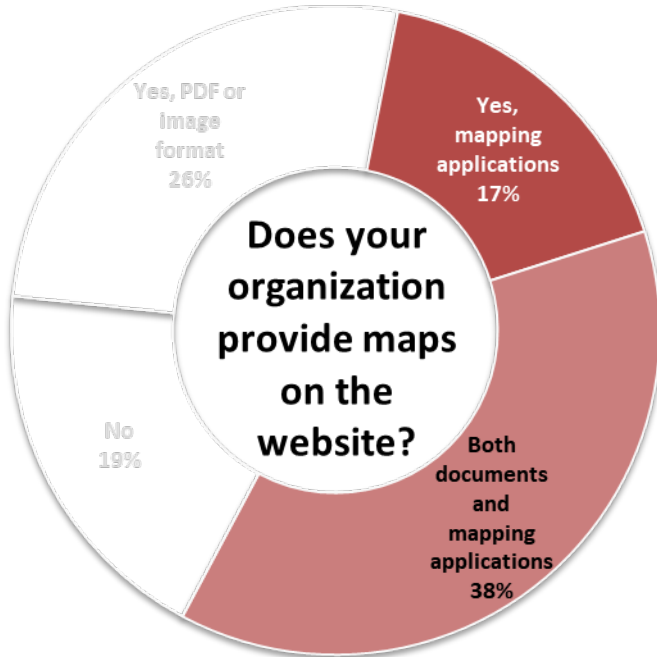
How do you provide the requested data?



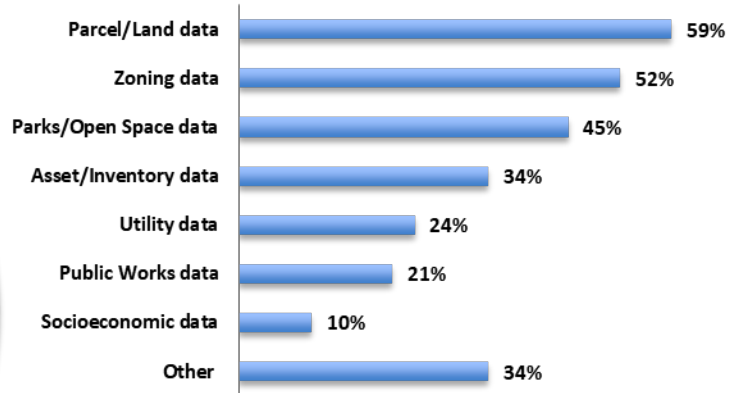
Other includes: FTP, Flash Drive, and Hard Copy



MAP APPS ON THE WEB



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

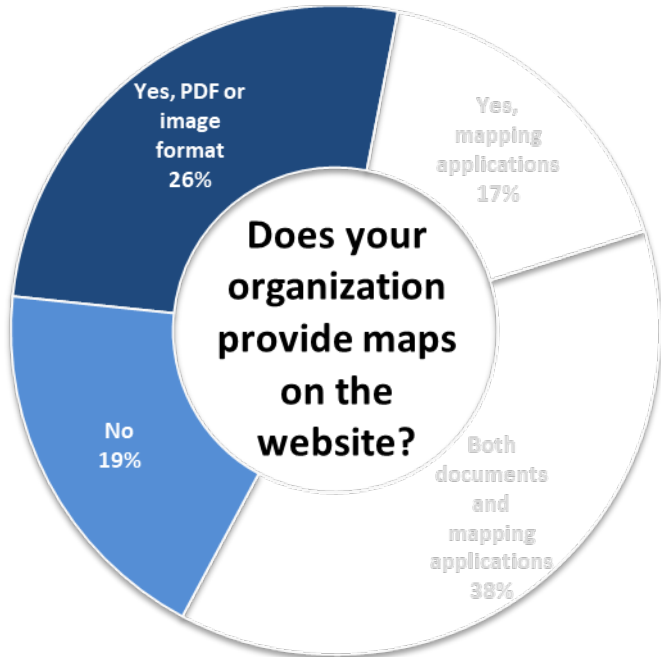


Are there any other mapping application(s) that your organization is interested in pursuing in the future?

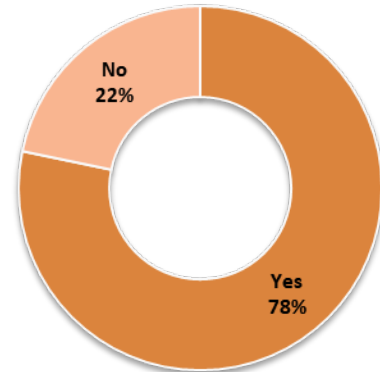
- Use of applications such as ESRI Business Analyst, ESRI Collector, and QGIS Web Mapping
- Local Attractions
- Open Space
- Future Projects
- Detailed Demographics



NO MAP APPS ON THE WEB

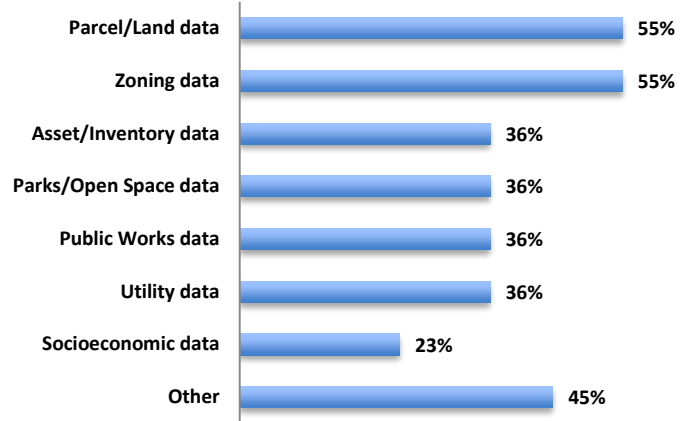
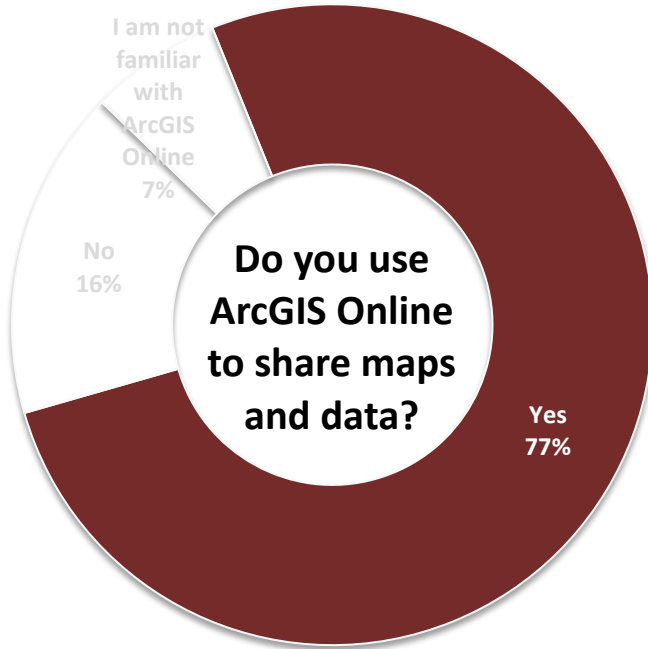


Are you interested in providing mapping applications on your website as a way to share maps?



ARCGIS ONLINE USERS

What do you currently share on ArcGIS Online?

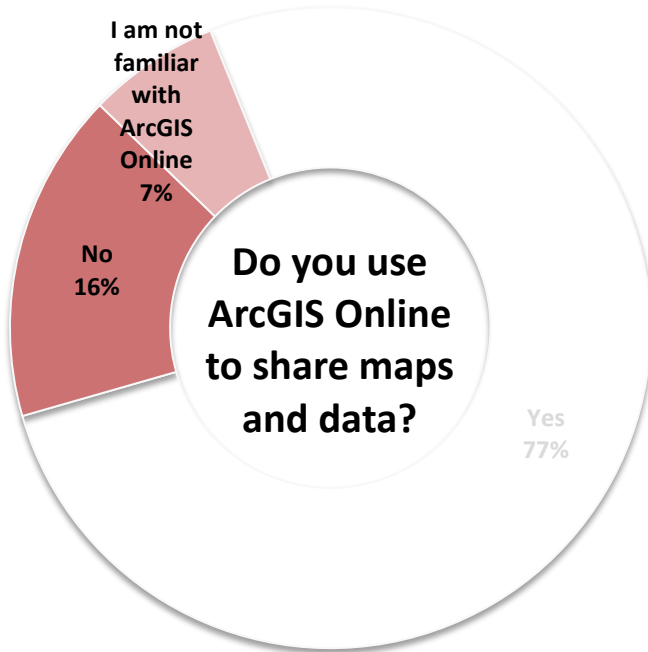


Other includes:

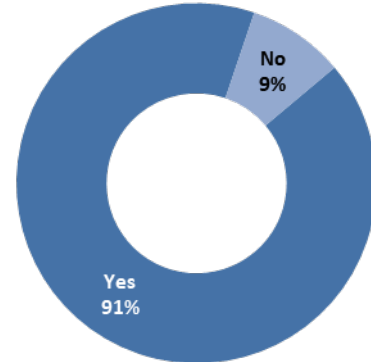
- Special Projects
- Police/Fire
- Economic Development
- Recreation
- Council Areas
- Restaurants and Hotels
- Thoroughfare Plan



NO ARCGIS ONLINE USERS



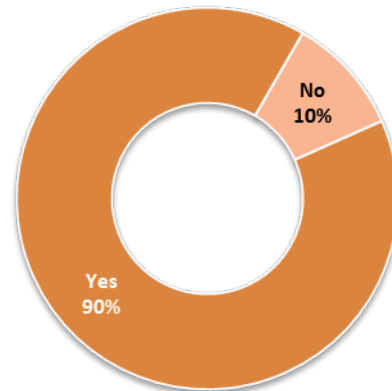
Are you interested in using ArcGIS Online for data sharing?



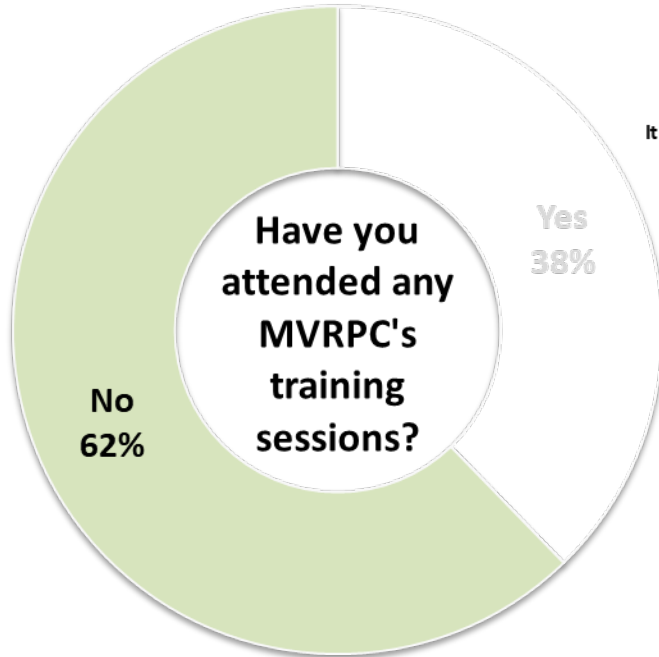
GIS TRAINING ATTENDEES



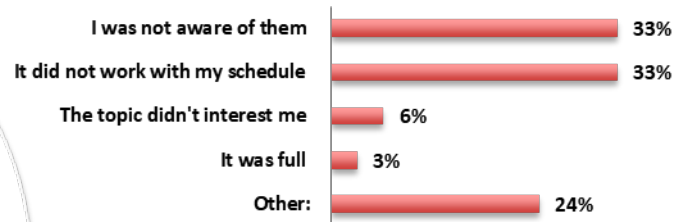
Did you find the training session useful?



GIS TRAINING NON-ATTENDEES



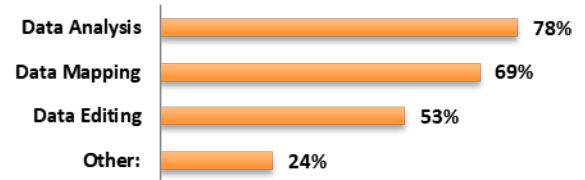
If you have not attended any GIS training sessions, why not?



Other includes:

- Too basic level
- We conduct our own training

What training topics would be of interest to you?

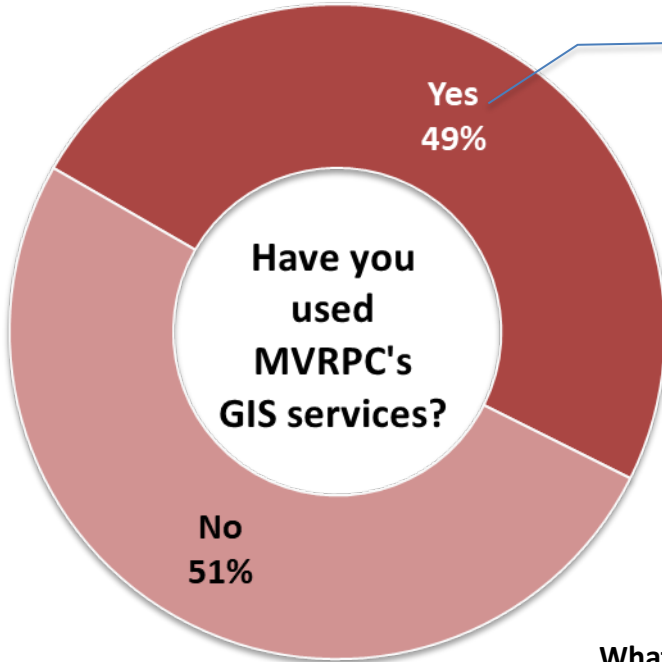


Other includes:

- Asset Management
- More Applications
- Programming

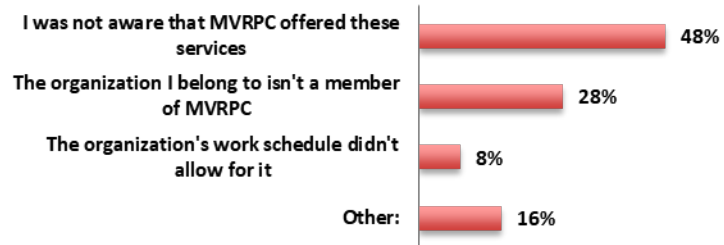


GIS SERVICES TO MEMBERS



All 26 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?



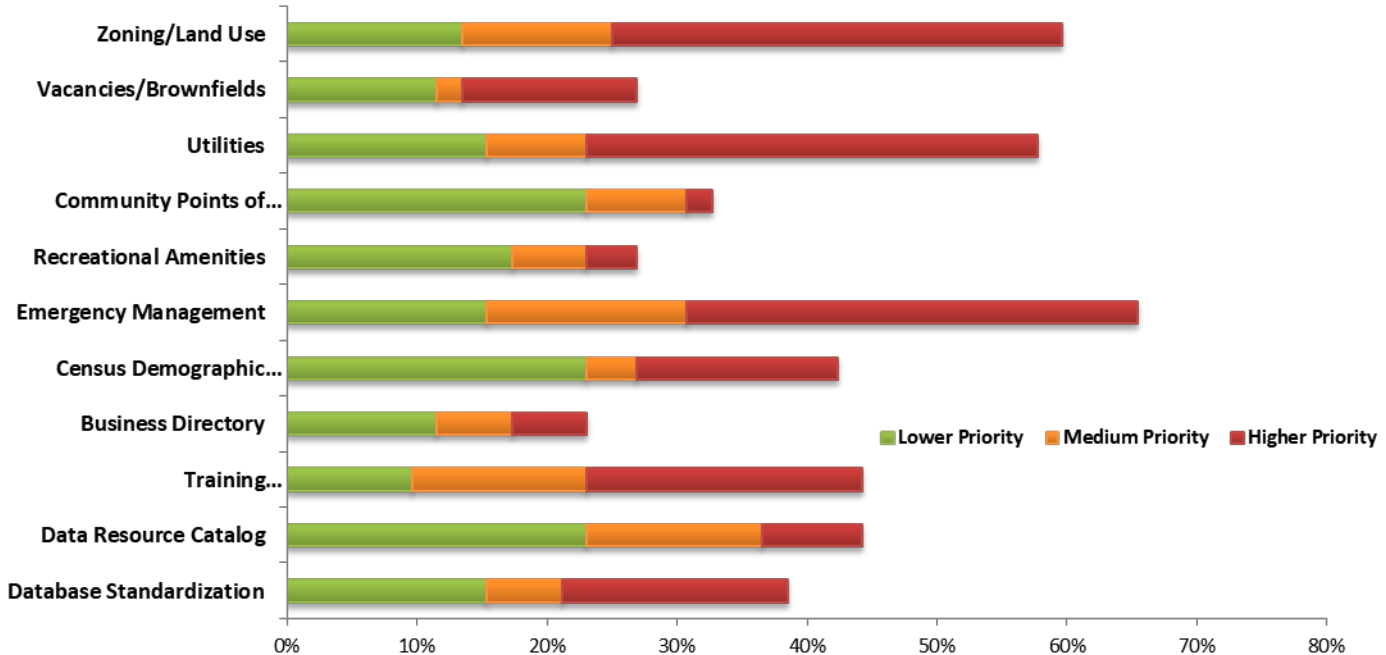
What suggestions do you have for MVRPC's GIS services?

- More trainings on different topics
- 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?



Percentage of respondents who picked a specific project



PROJECT IDEAS

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

- Data Warehouse of all projects in the area
- Centralized Resource Data Bank
- Digital Data Kiosks
- Database Standardization
- Training (ArcGIS Pro ArcGIS Online, etc.)
- Emergency Management and Disaster Response
- Homeless Assessment

