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
  – First survey was conducted between May 6, 2015 – May 22, 2015 and the follow-up survey was conducted between July 7, 2015 – July 21, 2015
  – Each survey was sent out directly to 126 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 64 participants during the first survey and 45 participants during the follow-up survey
CURRENT GIS USERS

Does your organization currently use GIS?

Yes: 94%
No: 6%

What software do you use?

- ESRI/ArcGIS: 90%
- AutoCAD: 17%
- Intergraph, Maptitude, and Smallworld: 8%

How many people use GIS?

- 6+ People: 38%
- 2-5 People: 47%
- 1 Person: 15%

What activities do you currently do with GIS?

- Mapping: 100%
- Analysis: 68%
- Inventory: 68%
- Other (Data Modeling/Sharing): 13%
CURRENT GIS USERS

IN THE FUTURE, WE ANTICIPATE ...

- Using Mobile Technology
- Using Web Technology
- More Data Inventory
- More Data Analysis
- Get More Training
CURRENTLY NOT A GIS USER

Does your organization currently use GIS?

Yes: 94%

No: 6%

Even though there were only 4 organizations who responded as “not current GIS users,” all of them expressed their interest in using GIS in the future for:

• Mapping (All 4)
• Inventory (3 out of 4)
• Analysis (3 our of 4)
GIS DATA INVENTORY

What data do you maintain on a regular basis?

- Parcel/Land data: 58%
- Asset/Inventory data: 51%
- Public Works data: 47%
- Zoning data: 46%
- Utility data: 46%
- Parks/Open Space data: 37%
- Socioeconomic data: 12%
- Other: 12%

Other includes: Real Estate Data, Water Resource Data, and Transportation Data

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

By Subject
- Utility Data: Water, Sanitary Sewer, Oil and Gas, Electric, and Cable
- Transportation Data: Sidewalks, Street Addresses, Bike Routes, and Transit Routes
- Asset Data: Point of Interest and Community Assets
- Census Demographic Data
- Land Use/Land Cover Data
- Topographic Data

By Geography
- Regional/Countywide Data

By Format
- 3D Data
What GIS data are most often requested from the public?

- Parcel/Land data: 72%
- Zoning data: 55%
- Utility data: 53%
- Public Works data: 23%
- Socioeconomic data: 17%
- Asset/Inventory data: 13%
- Parks/Open Space data: 13%
- Other: 8%

Other includes: Floodplain Data, Water Resource Data, and Topographic Data

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

- Zoning at the Township level
- Utility Information
- Socioeconomic information at the Community and Sub-Community levels

How do you provide the requested data?

- Email: 71%
- Download from the website: 27%
- CD-ROM: 25%
- GIS service through website: 16%
- Our organization does not provide data: 14%
- Other: 18%

Other includes: FTP, Hard Copy, and No Capacity
MAP APPS ON THE WEB

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

- Business Directory
- Parks
- Tableau
- Emergency Management Information
- Infrastructure
- Future Land Use
- Asset Management

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

- Parcel/Land data: 77%
- Parks/Open Space data: 46%
- Zoning data: 46%
- Asset/Inventory data: 23%
- Public Works data: 15%
- Socioeconomic data: 8%
- Utility data: 0%
- Other (Transportation and Water Resources Data): 15%
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?

- Parcel/Land data: 43%
- Asset/Inventory data: 24%
- Parks/Open Space data: 24%
- Utility data: 19%
- Public Works data: 14%
- Zoning data: 14%
- Socioeconomic data: 0%
- Other: 33%

Other includes:
- Transportation Data
- Fire Defense Zones
- Fiber Networks
- Water Resources

Do you use ArcGIS Online to share maps and data?

Yes 35%
Are you interested in using ArcGIS Online for data sharing?

- Yes: 74%
- No: 26%

Do you use ArcGIS Online to share maps and data?

- No: 53%
- I am not familiar with ArcGIS Online: 12%
PROJECT IDEAS

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

• Parcel/Land Data Inventory
  – Zoning
  – Future Land Use
  – Vacancies
  – Brownfields
  – 3D Buildings

• Asset Data Inventory
  – Utilities (water, sewer, oil, gas, electric, gas, cable, etc)
  – Community Point of Interest and Assets
  – Recreational Amenities
  – Emergency Management

• Socioeconomic Data Inventory
  – Census Demographic information at the Community and Sub-Community levels
  – Business Directory

• Others
  – Training (Desktop, Data Analysis, Census Data, and ArcGIS Online, etc)
  – Data Resource Catalog (listing of who has what data)
  – Database Standardization
Of those project ideas, how would you rank your top 5 projects?

- Zoning/Land Use
- Vacancies/Brownfields
- Utilities
- Community Points of Interests/Assets
- Recreational Amenities
- Emergency Management
- Census Demographic Information
- Business Directory
- Training (desktop, online, census, etc)
- Data Resource Catalog
- Database Standardization

Percentage of respondents who picked a specific project

Legend:
- Lower Priority
- Medium Priority
- Higher Priority