



# **MIAMI VALLEY**

Regional Planning Commission

## Notable GIS Trends in the Miami Valley: 2015-2024

September 4, 2024

# BACKGROUND

---

- PURPOSE

- Identify how GIS usage has changed over the years in the Miami Valley Region.

- METHOD

- Trends were analyzed based on the three Regional Needs Assessments conducted in 2015, 2019 and 2024.
- Findings on each Regional Needs Assessment were based on the responses from the survey of GIS professionals and/or administrators in local jurisdictions and other regional organizations.



# Trend #1: ESRI GIS software has been the most commonly used software

GIS software usage



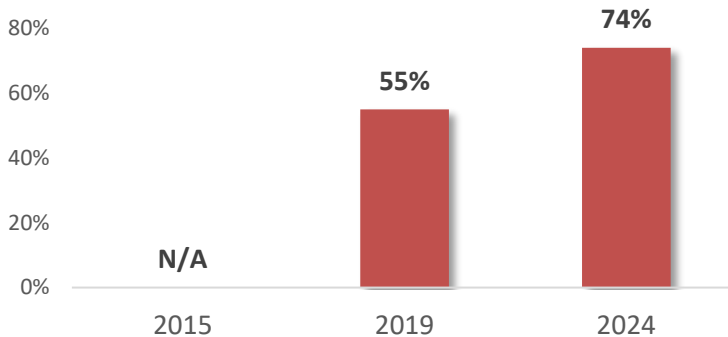
*Mapping has been the most common activity performed by GIS professionals.*

*More data analysis is being conducted by GIS professionals now than in the past.*

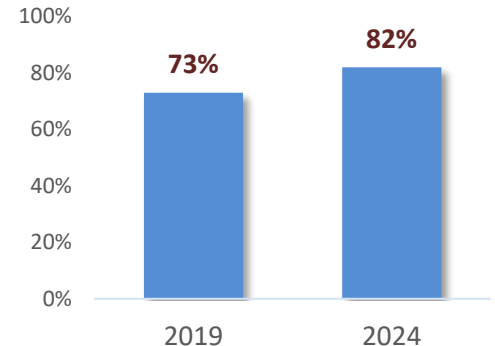


# Trend #2: ArcGIS Pro has become popular as a new GIS software

GIS professionals using ArcGIS Pro



Interest in using ArcGIS Pro in the future

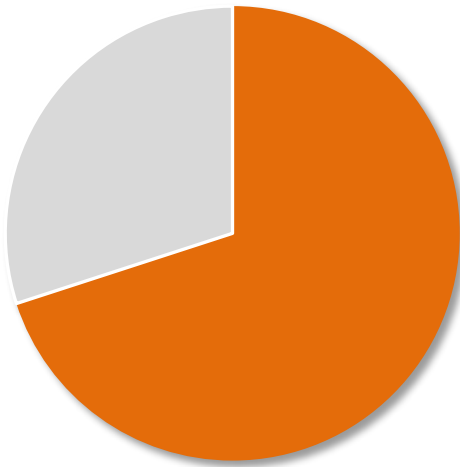


*The use of ArcGIS Pro is expected to increase in the future as high levels of interest in using ArcGIS Pro continue. Questions related to ArcGIS Pro were not included in the 2015 survey.*



# Trend #3: Email continues to be the most common way to deliver data

How GIS professionals provide requested data



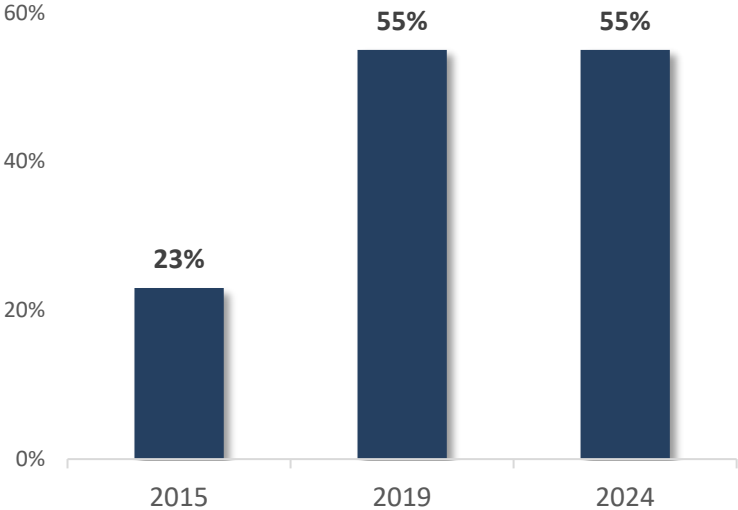
■ Email    ■ Other modes

*Email has consistently been used by around 70% of GIS professionals for providing requested data across all years.*



# Trend #4: Interactive mapping application has become more common to provide information

Use of interactive mapping applications



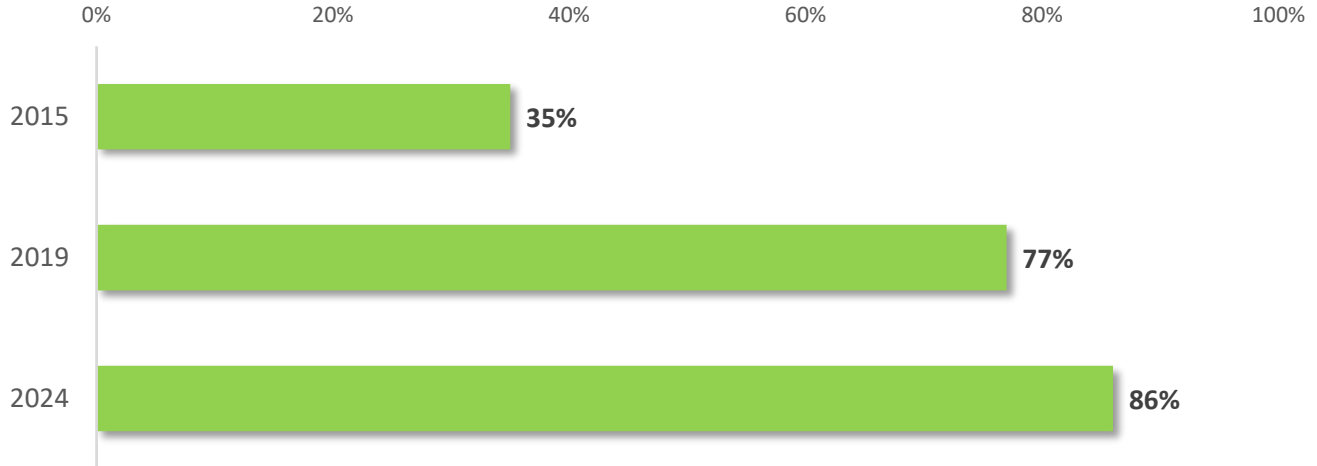
*Most common topics on the interactive mapping applications have been: Parks and Recreation; Parcel and Land; and Zoning information.*

*The use of interactive mapping applications is expected to grow as there is a high level of interest in the future.*



# Trend #5: ArcGIS Online has become a new data sharing platform

Usage of ArcGIS Online platform

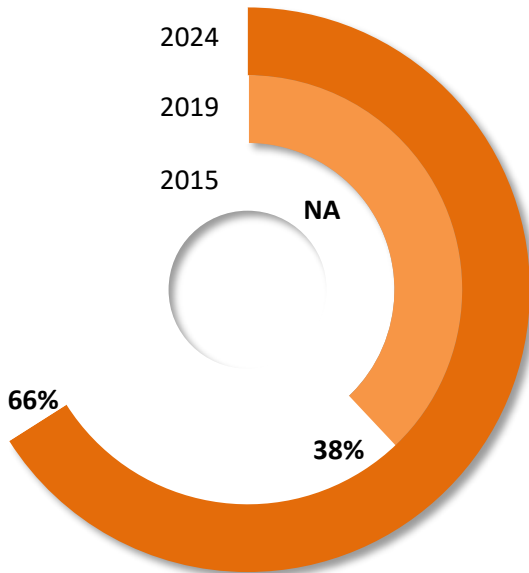


*Most common data shared on the ArcGIS Online include Parcel and Land and Zoning data.*



# Trend #6: MVRPC's GIS training has become more popular with high level of satisfaction

MVRPC GIS training participation



*GIS professionals participating in MVRPC's GIS training increased 28% points, from 38% in 2019 to 66% in 2024.*

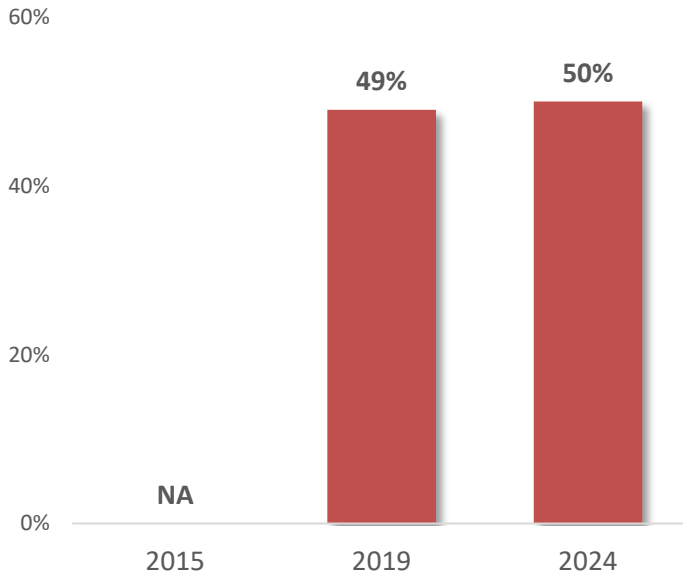
*GIS training was not available as official MVRPC member benefit in 2015 and questions related to GIS training were not included in the 2015 survey.*





# Trend #7: MVRPC's GIS services have not been fully utilized

MVRPC GIS Services Usage



*By those who have not utilized MVRPC's GIS Services, not being aware of the services was the #1 reason cited.*

*GIS Services were not available as official MVRPC member benefit in 2015 and questions related to GIS services were not included in the 2015 survey.*

