MICOM Workshop

Project Name: Mapping & Geography in R Workshop

Project Coordinator: Kate Steffes

Project Date: 3/28/2025

Project Overview:

MICOM's **free** R programming workshops **support public health efforts** and **strengthen ties with local health departments**. The Mapping & Geography in R workshop, led by Dr. Marisa Eisenberg & Julie Gilbert at the Washtenaw County Learning Resource Center, welcomed 17 participants from 9 southeastern Michigan health departments. This course focused on the basics of working with geographic datasets and visualizing spatial data in R.

Deliverables Checklist:

- Flyer advertising the workshop
- Registration form collecting participant contact information, health department affiliation, and R experience level
- Pre-Workshop communication bundle with relevant R packages + files used during workshop
- Workshop slideshow presentation
- Virtual office hour prior to workshop for participants to ask clarifying questions
- Post-Workshop communication bundle including post-workshop participant survey, workshop slides, & where participants may find additional resources

Objectives:

- Facilitate hands-on experience in using the R application
- Observe increased knowledge in R skills and interest in further R education via post-workshop survey
- Develop foundational skills in geographic data analysis and mapping techniques

Project Team:

- **Coordinators**: Kate Steffes (scheduling, promotional materials, communications), Patty Krause (location procurement)
- **Facilitators**: Marisa Eisenberg (led workshop), Jules Gilbert (workshop content, led workshop)
- **Support**: Stephanie Iorga, Reiden Magdaleno (fielded questions from participants throughout workshop)

Future Considerations/Takeaways:

- Consider increasing length of workshop due to breadth of content
- Was beneficial to have hands-on assistance 'in the crowd' to troubleshoot and answer participant questions

Workshop Content:

Slides, setup instructions, & code walkthrough can be found at: https://micom-hub.github.io/r_workshop_page.html

Contact Information:

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