

Learning Objectives

- Learn key processes for effective data visualization
- Learn techniques for compiling and creating reports
- Become familiar with available resources for data visualization techniques
- Share ideas for facilitating discussions that use data

Background and context at Mercy Home

Identify your question or topic

- What question are you trying to answer?
- What topic are you investigating?
- What are you trying to learn?

Gather

- What information would be relevant and/or useful to your question/topic?
- What information is available?
- Where is it stored?
- What format is it in?

Prepare

- Who is your intended/anticipated audience?
 - What defines their viewpoint, role, skills, needs, and objectives?
- Apply techniques and knowledge for effective chart selection, data visualization, and design enhancements
- Develop reports as needed

Share

- Facilitating discussions
 - How can you engage stakeholders?
 - How can you give data meaning?
 - Utilize tools, brainstorming, worksheets and other activities to build momentum and gather input
- Making decisions
 - How can data be used/applied in decision-making and improvements?
- What feedback did you receive?
 - What can be changed, added, removed, or re-designed?

Looking ahead

- Tableau, PowerBI, Qlik, and learning to code (SQL, R, Python, etc.)

Resources

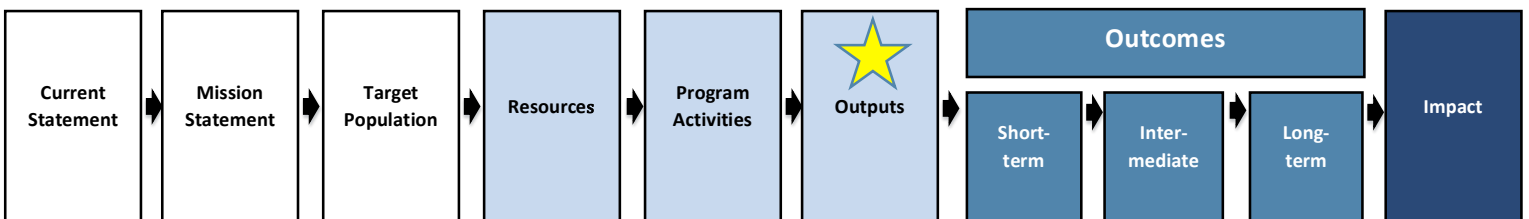
- Stephanie Evergreen (stephanieevergreen.com) and Ann K. Emery (annkemery.com)
- Tableau user community (community.tableau.com)
- Google searches

TITLE

OBSERVATIONS, TRENDS & ANALYSIS

Use this template to create your own reports.

We recommend getting creative with the layout and choosing a color scheme and font that suits your organization/agency. If you have a communications or marketing department, think about reaching out to them for ideas or specifics about your branding.



QUESTION/TOPIC:

GATHER

- What information would be useful and relevant to your question/topic?
- What information is available?
- Where is it stored?
- What format is it in?

PREPARE

- Who is anticipated/intended audience?
- What defines their viewpoint, role, skills, needs, and objectives?
- Apply techniques and knowledge for effective data visualization
- Develop reports as needed

SHARE

- How can you engage stakeholders?
- How can you give data meaning?
- How can data be used/applied in decision-making and improvements?
- What feedback did you receive?