

## 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

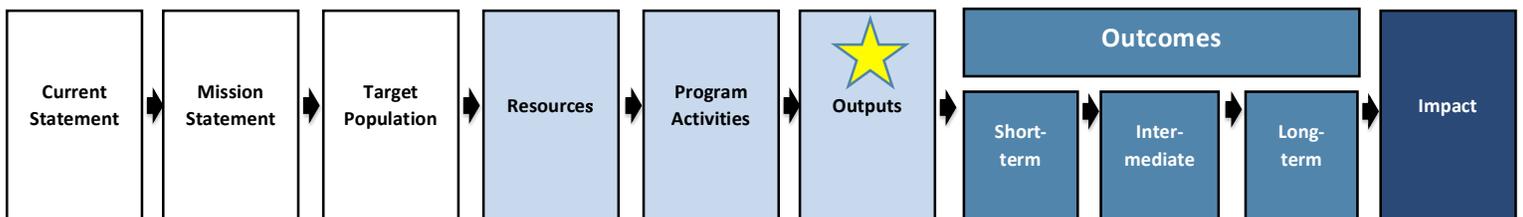
- Stephanie Evergreen ([stephanieevergreen.com](http://stephanieevergreen.com)) and Ann K. Emery ([annkemery.com](http://annkemery.com))
- Tableau user community ([community.tableau.com](http://community.tableau.com))
- Google searches

# 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?