



Diving Deeper into Quantitative Research

TOTAL SESSION TIME: 110 minutes

SESSION OBJECTIVES:

- Learn more about priority research questions.
- Participants will practice doing quantitative research by using data dashboards.
- Learn and practice creating simple data charts.

Opening Block: Icebreaker

TIME: 15 minutes

OBJECTIVES: Participants will do a quick check-in icebreaker and review what was learned during the previous session.

MATERIALS: None

ACTIVITY: Choose an icebreaker from the Icebreaker List

Core Block 1: Quantitative Data is Everywhere

TIME: 30 minutes

OBJECTIVES: Participants will identify how quantitative data is used in their everyday lives.

ACTIVITY:

- Watch a video clip in which statistics related to a particular topic are quoted.
- Ask participants to count the number of times a statistic was mentioned.
- Lead participants in a discussion about the role of quantitative data in their everyday lives.

DISCUSS:

- Ask participants to think about how the data was collected.
- Ask for their thoughts on the benefits of this type of data.

Core Blocks 2: Quantitative Data Visualization

TIME: 30 minutes

OBJECTIVES: Participants will learn more about each priority area by exploring data dashboards.

MATERIALS:

- Paper
- Hat/bowl
- Laptops

This project was supported by Award No. 15PNIJ-22-GG-01420-RESS, awarded by the National Institute of Justice, Office of Justice Programs, U.S. Department of Justice. The opinions, findings, and conclusions or recommendations expressed in this publication/program/exhibition are those of the author(s) and do not necessarily reflect those of the Department of Justice.

Learn more about Safety 7 at <https://www.childtrends.org/project/centering-youth-experiences-youth-participatory-action>.

LEARN:

- Explore OpenData DC.
- Write the names of the topics available on the Opendata DC website under the section “By the Numbers” on separate strips of paper.
- Put all the strips of paper in a container such as a hat or a bowl.
- Ask each group to choose one strip of paper from the container. This will be the topic they will research.
- Ask participants to explore the Opendata DC dashboard for their topic area.

DISCUSS:

- Tell participants that they will present their data in the next section.

Core Block 3: Quantitative Data Visualization

TIME: 30 minutes

OBJECTIVES: Participants will practice creating charts and graphs.

MATERIALS:

- Flip chart paper
- Laptops

ACTIVITY:

- Show participants how to create charts and graphs by hand using graph paper or Excel.
- If participants prefer to learn how to create charts in Excel, here is a video with instructions. [\(link\)](#)
- Ask participants to create charts based on statistics found on the data dashboard.
- Assist participants in developing simple bar graphs.

Closing Block: Closing Ritual

TIME: 5 minutes

OBJECTIVES: Participants will end the meeting with their closing ritual.

ACTIVITY: Ask a participant to lead the group in the closing ritual.