Class Activities

# Chapter #10: Analyzing Quantitative Data

1. In this activity, you will be gathering and organizing data collected from students in your class. Use the table below to collect this information (ask students to handwrite their answers into one table that you circulate among all the students) and add additional rows to accommodate your class size. Photocopy the completed table and circulate it to all your students. Ask each student to enter the data *exactly as collected* from the table into a program like Excel or Stata for analysis.

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| --- | --- | --- | --- | --- | --- | --- |
| Student name | What is your height in inches? | What is your age in years? | What is your eye color? | What is your hair color? | What is your favorite ice cream flavor? | Where were you born? |
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Using the data gathered from the exercise above, ask students to generate a presentation of the results in PowerPoint or a similar program. Have a discussion as a class about the best way to present the data for each variable. What measures will you use to summarize the findings for each variable? How will you present the data (e.g., in graphical format).

1. A researcher is working with a community partner to collect quantitative data on the effectiveness of a cardiovascular disease risk intervention for men of color. She is invited to present at a community meeting where participants do not understand the value of quantitative data collection and are more interested in data in the form of “stories.” In a small group, discuss the benefits of quantitative data analysis and discuss what information you will share with the participants to convince them of the value of this type of analysis.