

CHAPTER OVERVIEW

2: Descriptive Statistics

In this chapter, you will study numerical and graphical ways to describe and display your data. This area of statistics is called "Descriptive Statistics." You will learn how to calculate, and even more importantly, how to interpret these measurements and graphs.

- 2.1: Prelude to Descriptive Statistics
- 2.2: Frequency, Frequency Tables, and Levels of Measurement
 - 2.2.1: Data Collection Experiment (Worksheet)
- 2.2.E: Sampling and Data (Exercises)
- 2.3: Stem-and-Leaf Graphs (Stemplots), Line Graphs, and Bar Graphs
- 2.4: Histograms, Frequency Polygons, and Time Series Graphs
- 2.5: Measures of the Location of the Data
 - 2.5E: Measures of the Location of the Data (Exercises)
- 2.6: Box Plots
- 2.7: Measures of the Center of the Data
- 2.8: Skewness and the Mean, Median, and Mode
- 2.9: Measures of the Spread of the Data
- 2.10: Descriptive Statistics (Worksheet)
- 2.E: Descriptive Statistics (Exercises)

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