

Chapter 2

Descriptive Statistics: Graphical Methods

1 Qualitative Data

- **Frequency Distribution:** frequency, relative frequency, percent frequency
- **Bar Chart:** a vertical or horizontal rectangle
- **Pie Chart:** a circle divided into slices

2 Quantitative Data

- **Histogram**
- **Ogive:** a cumulative frequency graph

3 Other Table/Graphical Summarization

- **Dot Plots:** easy to see the distribution
- **Stem-and-Leaf Display:** easy to see the distribution
- **Cross-tabulation Tables:** row percentage and column percentage to see relation between variables
- **Scatter Plots:** relationship between variable x and y