One Quantitative Variable Introduction

Introduction

In the previous section, we explored the distribution of a categorical variable using graphs (pie chart, bar chart) supplemented by numerical measures (percent of observations in each category). In this section, we will explore the data collected from a **quantitative** variable, and learn how to describe and summarize the important features of its distribution. We will first learn how to display the distribution using graphs and then move on to discuss numerical measures.

To display data from one quantitative variable graphically, we can use either the **histogram** or the **stemplot**. (Another graph, the **boxplot**, will be covered in another section).