

## SECTION OVERVIEW

### 1.4: Introduction to Statistics

This first chapter begins by discussing what statistics are and why the study of statistics is important. Subsequent sections cover a variety of topics all basic to the study of statistics. One theme common to all of these sections is that they cover concepts and ideas important for other chapters in the book.

#### 1.4.1: What are Statistics?

#### 1.4.2: Importance of Statistics

#### 1.4.3: Descriptive Statistics

#### 1.4.4: Inferential Statistics

#### 1.4.5: Sampling Demonstration

#### 1.4.6: Variables

#### 1.4.7: Percentiles

#### 1.4.8: Levels of Measurement

#### 1.4.9: Measurements

#### 1.4.10: Distributions

#### 1.4.11: Summation Notation

#### 1.4.12: Linear Transformations

#### 1.4.13: Logarithms

#### 1.4.14: Statistical Literacy

#### 1.4.E: Introduction to Statistics (Exercises)

### Contributors and Attributions

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