

## CHAPTER OVERVIEW

### 8: Confidence Intervals

In this chapter, you will learn to construct and interpret confidence intervals. You will also learn a new distribution, the Student's-t, and how it is used with these intervals. Throughout the chapter, it is important to keep in mind that the confidence interval is a random variable. It is the population parameter that is fixed.

[8.1: Estimating Population Means](#)

[8.2: The t-distribution](#)

[8.3: Estimating Proportions](#)

[8.4: Confidence Intervals](#)

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