

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.

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[8.2E: A Single Population Mean using the Normal Distribution \(Exercises\)](#)

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[8.5: Confidence Interval - Home Costs \(Worksheet\)](#)

[8.6: Confidence Interval -Place of Birth \(Worksheet\)](#)

[8.7: Confidence Interval -Women's Heights \(Worksheet\)](#)

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[8.S: Confidence Intervals \(Summary\)](#)

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