

## 7.12: Statistical Inference (2 of 3)

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### Learning Objectives

- Find a confidence interval to estimate a population proportion when conditions are met. Interpret the confidence interval in context.
- Interpret the confidence level associated with a confidence interval.

### A Look at 95% Confidence Intervals on the Number Line

### When Does a 95% Confidence Interval Contain the True Population Proportion?

### How Confident Are We That a 95% Confidence Interval Contains the Population Proportion?

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