

## 10.17: Introduction- Inference for a Difference in Two Population Means

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What you'll learn to do: Conduct a hypothesis test or construct a confidence interval to investigate a difference between two population means. Interpret results in context.

### LEARNING OBJECTIVES

- Under appropriate conditions, conduct a hypothesis test about a difference between two population means. State a conclusion in context.
- Construct a confidence interval to estimate a difference in two population means (when conditions are met). Interpret the confidence interval in context.

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