Chapter 7	Hypothesis Testing
Section 1	Overview

A hypothesis is a claim or a statement about a property (mean, proportion, variance, etc.) of a population.

A hypothesis test (or test of significance) is a standard procedure for testing a claim.

In a hypothesis test, we want to determine if the claim about the population is still valid or not. We do this by taking a sample from the population and calculating the property (mean, proportion, variance, etc.) we are testing. If the value calculated is "significant," then we can reject the original claim. If the value calculated is "not significant," then we can not reject the original claim.