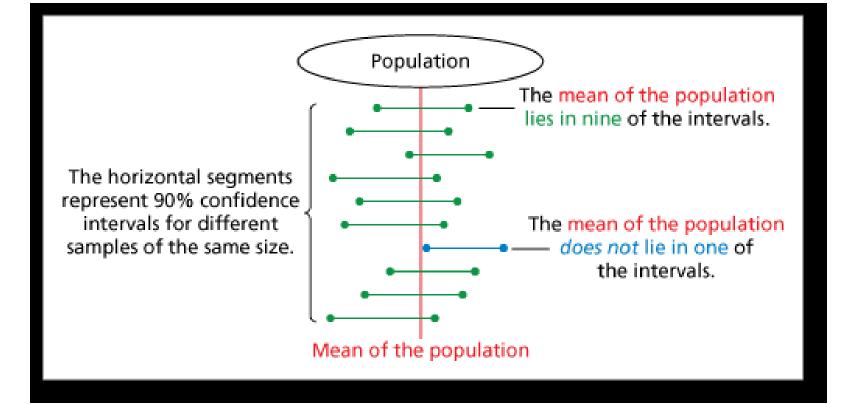
Interpreting the Confidence Interval from Previous Example

- * "With 90% confidence, the mean is in the interval (22.3, 23.5)



Sample Size



* An economics researcher wants to estimate the mean number of hours worked by all grocery store employees in a county. How many employees must be included in the sample to be 95% confident that the sample mean is within 1.5 hours of the population mean? Assume the standard deviation is 7.9 hours.