

## 6.4 SAMPLING DISTRIBUTIONS AND ESTIMATORS

**The Sampling Distribution of the Mean** is the probability distribution of sample means, with all samples having the same size,  $n$ .

**The Sampling Distribution of the Proportion** is the probability distribution of sample proportions, with all samples having the same size,  $n$ .

NOTE:

**Statistics that target population parameters:** Mean, Variance, Proportion

**Statistics that do not target population parameters:** Median, Range, Standard Deviation

**Homework for this section:** 3,5,7 and study notes above.