

## Chapter 4

**43. MPG** A consumer organization wants to compare gas mileage figures for several models of cars made in the United States with autos manufactured in other countries. The data for a random sample of cars classified as “mid-size” are shown in the table.

- a) Create graphical displays for these two groups.
- b) Write a few sentences comparing the distributions.

**15. Pizza prices** A company that sells frozen pizza to stores in four markets in the United States (Denver, Baltimore, Dallas, and Chicago) wants to examine the prices that the stores charge for pizza slices.

\* Make a graph of boxplots comparing data from a sample of stores in each market.

- a) Do prices appear to be the same in the four markets? Explain.
- b) Does the presence of any outliers affect your overall conclusions about prices in the four markets?