Scenario: Skin Cancer Rates in Texas and Minnesota

Suppose you are studying the incidence of non-melanoma skin cancer among women in Minneapolis-St. Paul, Minnesota, and Dallas-Fort Worth, Texas. You expect sun exposure to be greater in Texas than in Minnesota, so you select **City** as one of the predictor variables. Based on your subject matter knowledge, you select **Age** as the other predictor variable.

The variable Age divides patients into the eight age groups shown here. The data are stored in a data set named skin that summarizes the number of cases for each combination of **City** by **Age**. The skin data set includes the variables listed here: Cases: the number of non-melanoma skin cancer cases City: the city of residence coded as MSP for Minneapolis-St. Paul and DFW for Dallas-Fort Worth Age: eight age groups Population: the number of people at risk Log_Pop: the log of the population.

Click the Information button to view the data set.

Close