

## Exploring The Web

### Chapter 25

**25.52 Make your own table.** The Behavioral Risk Factor Surveillance System (BRFSS) is an ongoing data collection program designed to measure behavioral risk factors for the adult population (18 years of age or older) living in households. Data are collected from a random sample of adults (one per household) through a telephone survey. Go to the website [apps.nccd.cdc.gov/BRFSS/](http://apps.nccd.cdc.gov/BRFSS/) and under BRFSS, contents click on WEB ENABLE ANALYSIS TOOL (WEAT) and then click on CROSS TABULATION ANALYSIS. After a year is selected, a window will open that will allow you to produce two-way tables.

- Choose a state of interest to you and two variables for the two-way table. For example, you could choose Connecticut and look at the relationship between a demographic variable such as education level and a variable such as health care coverage. Once you have chosen your state and two variables, click on RUN REPORT on the bottom of the page. A two-way table will appear in a new window.
- Is there a relationship between the two variables you have selected? If the relationship is statistically significant, describe the relationship in a brief report using percentages from the table and an appropriate graph.

**25.53 What do the voters think?** The American National Election Studies (ANES) is the leading academically run national survey of voters in the United States, conducted before and after every presidential election. SDA (Survey Documentation and Analysis) is a set of programs that allows you to analyze survey data and includes the ANES survey as part of its archive. Go to the website [sda.berkeley.edu/](http://sda.berkeley.edu/) and click on ARCHIVE. Go to the 2012 ANES survey.

- Open the pre-election questions. Under Liberal/Conservative, choose the variable LIBERAL/CONSERVATIVE SELF-PLACEMENT ON A 7 POINT SCALE. Use this as your row variable. Under Energy and Climate Change, choose the variable ANTHROPOGENIC CLIMATE CHANGE, or climate change caused or produced by humans. Use this as your column variable. In the details for the table, set Weight to none and for N of Cases to Display, make sure the unweighted box is checked. For Percentaging, choose row percents. Now click on RUN THE TABLE.
- To analyze the data, make a  $3 \times 3$  table by combining the rows for extremely liberal and liberal, slightly liberal, middle of the road and slightly conservative, and conservative and extremely conservative. Carry out a formal test to determine if there is a relationship between these two variables, and then describe the relationship in a brief report using percentages from the table or an appropriate graph.
- Select two other variables of interest to you, and analyze the relationship between these two variables. If there is a more recent survey than 2012, you should use it.