Chapter 3 exercises: Coder edition

Use the NHANES data to examine gun use in the United States. Spend a few minutes looking through the NHANES website before you begin. Create well-formatted, appropriate graphs using the NHANES 2011–2012 data (available at **edge.sagepub.com/harris1e** or by following the instructions in Box 3.1) examining each of the variables listed below. Be sure to code missing values appropriately.

1. Income (Achievements 2 and 4)
2. Marital status (Achievements 1 and 4)
3. Race (Achievements 1 and 4)
4. Income and gun use (Achievements 3 and 4)
5. Race and gun use (Achievements 3 and 4)
6. Marital status and gun use (Achievements 3 and 4)

Use good code-formatting practices, and include a sentence after each graph in the comments that explains what the graph shows.

Chapter 3 exercises: Hacker edition

Complete the coder edition with the following additional features:

* Format Graphs 4–6 to use color to highlight the group with the highest gun usage
* Change graphs of frequencies so they show percentages
* Change graphs of means so they show medians

Chapter 3 exercises: Ultra hacker edition

Use the FBI data to recreate Figure 3.3.