SOLUTIONS


3. Provide footnotes to table 6B.
   Spell out EPA (Environmental Protection Agency).
   Spell out ppmv (parts per million volume).
   Spell out CO\(_2\) (carbon dioxide).
   Cite the data sources.

5. Design a table for each of the following topics.
   a. Design elements:
      • Title: “Average monthly commuting costs ($) by mode of transportation, US, 2010”
      • Mode of transportation in the rows
      • A column for monthly commuting costs
      • Items in the rows organized in ascending or descending order of cost
      • Note citing data source
   b. Design elements:
      • Title: “Demographic composition of study sample, Houston, 2012”
      • One row for each demographic characteristic, with the categories for each demographic variable indented in rows below the label for that variable
      • Columns for number and percentage of cases, with units and weighting labeled
      • Note citing data source
   c. Design elements:
      • Title: “Number of people (thousands) receiving college degrees by gender, 2000 to 2010, place”
      • One row for each year between 2000 and 2010 (chronological order)
      • One column for each gender
      • Note citing data source
   d. Design elements:
      • Title: “Pearson correlation coefficients between height, weight, percentage body fat, systolic blood pressure, and resting pulse, elderly adults, Norway, 2008”
      • One row and one column for each variable, with label indicating units or footnote callout for abbreviated units (see *Writing about Numbers*, 2nd Edition, table 6.7, for an example)
      • Correlations reported in the below-diagonal cells
      • Symbols in the table cells to identify \(p < 0.05\), with a note to explain the meaning of the symbol
      • Other notes to define unit abbreviations and specify data source
e. Design elements:
   - Title: “Comparison of estimated dates for various artifacts, selected sites in North Africa and Europe”
   - Artifacts arranged in the rows, grouped first by site, with artifacts indented under pertinent location; within site, artifacts arranged in rows in ascending or descending order of age
   - Column naming each dating technique
   - Footnotes citing data sources and references about dating methods

f. Design elements:
   - Title: “Contraceptive use (%) by age group of women aged 15 to 45, US, 2009”
   - One row for each type of contraceptive, arranged in conceptual groups (e.g., hormonal contraception) and then in descending order of prevalence within those groups
   - One column for each 10-year age group, with a column spanner specifying units as “percentage of age group using specified method”
   - Notes citing data source and explaining that each woman could report more than one contraceptive type, so percentages within each age group can sum to more than 100%