

Chapter 1 Analysis

- Locate two sets of related quantitative data (each having at least 25 data values) suitable for comparison in a newspaper, magazine, recent book, or on the internet. You can do this analysis with another student. Be certain to make a copy of the source data and to record the bibliographical information. They are part of the scoring rubric.
- Once you have obtained the data, use appropriate graphical and numerical techniques (back-to-back stemplots, side-by-side boxplots, histograms, and measures of center and spread) to compare the two sets of data. Then, write a narrative comparison of the two data sets in context based on your graphical and numerical summaries. Comment on each of your graphical comparisons. Discuss which display(s) and statistics are most helpful in comparing the data sets. Use appropriate terminology, and write in complete, grammatically correct sentences. Aim for one page of narrative and one to two pages of figures and work. More interesting, more points.

Due date: _____

Points: 25

Each day late is 3 points off the total.