

**STAT 162: Introduction to Statistics for the Social Sciences**  
**Homework 3 (Due November 13 in class, hard copy)**

**Guidelines**

- This homework assignment counts for 5% of your overall class grade.
- You can do this homework assignment in groups of 4 (or smaller).
- **Bring a hard copy of this assignment to class on November 13.**
  - o **If necessary, we will also use November 20 to present these assignments.**
- **Prepare a 5 minute presentation to the rest of your class.**
- Absolutely no late work accepted. Homework must also be **typed**.

The Best reading provided a long list of inaccurate uses of descriptive statistics. Your homework assignment for this week is straightforward: browse the websites of various media organizations (TV channels, newspapers, news magazines etc.) and find **four inappropriate** uses of descriptive statistics. Keep in mind the following directions:

- a. Make sure to find at least *two different types* of “mistakes.” **(10 points)**
- b. Take a screenshot with your computer. (10 points)**
- c. Explain (in detail) why the descriptive statistic that you found is misleading / inappropriately presented. **(40 points)**
- d. Reflect on this question: is there a reason why the authors chose to present the statistic in the way they did?
- e. Explain (in detail) how you would improve the presentation of the statistic. **(20 points)**

There are no page minimums or maximums for this assignment, but be sure to answer every question. Use **APA format** to cite your sources. Your five minute presentation may be done by one or all of your group members. This is worth **20 points**.