## Chapter 1 & 2 Statistics Project

## Due in class: Tuesday, October 19th, 2021

Look through newspapers and magazines (NOT ONLINE) to find an example of a misleading graph. Cut it out and answer the following questions:

- 1. Where did you find the misleading graph?
- 2. What is the source of the data that was included in the graph?
- 3. What is the data in the graph describing?
- 4. What is the population being studied?
- 5. How was the sample data collected?
- 6. Is the sample representative of the population? Why or why not?
- 7. What is the level of measurement used in the data set (nominal, ordinal, interval, or ratio)?
- 8. Why is the graph misleading?

Redraw the graph so that it accurately depicts the data.

Create a presentation that shows the misleading graph, the accurate graph, and answers questions 1-8 from above (Some ideas: poster, powerpoint, pamphlet, etc.) Be prepared to present your project in class on <u>Tuesday, October 19<sup>th</sup>.</u>