

AP Statistics Project

For each person in group (max of 4), a minimum of 30 subjects per group member must be surveyed. Project must be typed and graphical displays must be accurate.

Your grade will be based on:

	Points
Purpose/objective of project Describe population of interest What did you ask/measure? Who did you sample? Where and when did the sampling occur?	20
How did you sample? (stratified, convenience...) If you did not do an SRS, then describe how a SRS theoretically would have occurred	15
Make a summary table of the data	10
Graphically display the data in 2 different graphs. Make the display large enough for the whole class to see. Give a verbal description of each graph.	15
Use your sample to perform a hypothesis test and/or calculate a confidence interval, to make an inference about the entire population. The type of test or interval you calculate will depend on the data you have collected. Make sure your conditions are satisfied before you do this part!	20
Give a verbal description, in the context of this study, of the results of your confidence interval and/or hypothesis test.	20
Total	100

NOTE: All survey questions/projects must be pre-approved by Mr. Burrus prior to sampling. This means that you have to have decided what you are doing and get it checked out *before* you start doing it.

Due Dates:

5/6 – Assignment given.

5/8 – Projects pre-approved by Mr. Burrus.

5/14 – Projects shared in class (~10 to 15 minutes each)

5/18 – Written project is due.