

Project

The purpose of this project is to apply the statistical methods you have learned in this class to a real population. This project is to be completed in groups. The project proposal is to be submitted by **Monday, June 9**. A status report is to be submitted by **Wednesday, June 25** and the final written project is due **Wednesday, July 2**. No exceptions.

The project is to be graded on the following scale:

- Proposal Ideas - 10 points
- Status Report - 15 points
- A typed project comprised of the following:
 - Why: The statement of purpose for your study/motivation of your study - 10 points
 - Who: A description of the population of interest - 5 points
 - Where/When/How: A description of how you obtained your sample/the data (through either sampling or data that you found somewhere) - 5 points
 - What: What you are testing (What question are you trying to answer?) - 10 points
 - Analysis: An explanation of why you are using the statistical techniques that you are using to answer your question - 5 points
 - Analysis: Correct execution of hypothesis test - 10 points
 - Analysis: Correct interpretation of results and conclusions in non-statistical language - 10 points
 - Analysis: Identification of any possible errors in your sampling procedure/conclusions - 10 points
 - Ideas for future research - 5 points
 - Raw Data - 5 points