

StatCrunch Contest Data and Demographics

2020 brings us the United States Census. The Census is a 200+ year American tradition. In fact, the first Census was conducted in 1790 under the direction of Thomas Jefferson. The Census can shape many different aspects of your community, including number of representatives in Congress for each state, health clinics, fire departments and schools. We learn about population growth, demographics, income patterns and more from the Census every ten years, and the yearly American Community Survey that supplements that data.

Your challenge is to dig into data about populations, demographics, income and more to tell a compelling data-driven story. You can think about comparisons between cities in the same state, demographic comparisons between like-sized cities.

In addition to using the data provided at statcrunch.com, you may also add up to two additional datasets of your choosing in your analysis to enhance your story. (Make sure to cite where the data came from and any pertinent information about how it was collected, etc.) You can search StatCrunch.com or the web for additional data. Hint: There are a number of interesting data sets available at; <https://www.census.gov/data.html>. You may also want to use the StatCrunch This App.

Submissions:

Your report will include your written insights and interpretation in 1000 words or less, your visualizations in StatCrunch, and your data sets, including the required data set and your optional additional data set(s). Your written report must cite the source of your additional data set(s).

Consideration for finalists and winners will be based on a panel's review of your project in accordance with the following criteria:

- Your usage of statistical methods
- Your usage of visualization/graphing tools
- Your usage of data sets
- Your written report -- evaluated both for content and presentation
- Additional merit given for innovative reflection and/or usage of StatCrunch resources