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Build 2 Assignment, DataVizForAll.org, J-term 2022

a) Short introduction to the type of demographic question you are asking, which must compare some type of CCADV client percentages to the Census/ACS demographics of one or more of the 14 regions. Are there any regions where the percentage of CTSafeConnect interactions that are with Hispanics or Latinos exceeds the percentage of the region's population that Hispanics or Latinos make up?

b) Describe your key findings to the question above in a paragraph. For example, you might describe how CCADV client percentages are higher, lower, or about the same as one might expect based on the demographics of one or more of the 14 regions. Also, tell us why these findings matter. The percentage of interactions that CTSafeConnect has with Hispanics or Latinos exceeds the percentage of the population that they make up in 14 of 14 regions. These findings matter because they show that in all of the regions, the number of interactions the service has with Hispanic or Latino people are happening at a greater frequency compared to what would be expected when considering the percent of the population that they make up. Using the Hartford region as an example: Because Hispanic or Latino people make up 16.82% of the population in the Hartford region, it would be reasonable for one to expect that the 16.82% of the interactions CTSafeConnect has in the Hartford region are with Hispanic or Latino people. However, 25.35% of the interactions CTSafeConnect has in the Hartford region are with Hispanic or Latino people.

c) Insert a clearly-labeled data table that supports your claims in the paragraph above. (You can design your table in a Google Sheet and paste it into your Google Doc).

Region	% of Total Population that is Hispanic or Latino	% of interactions that are with Hispanic or Latino people
Ansonia region	11.88	13.37
Bridgeport region	23.9	28.3
Danbury region	14.85	25.57
Enfield region	7.99	13.1
Hartford region	16.82	25.35
Killingly region	3.7	7.42
Mansfield region	15.5	21.26
Meriden region	16.68	30.16
Middletown region	6.19	17.65
New Britain region	20.32	31.25
New Haven region	16.66	17.39
New London region	10.55	10.99
Stamford region	19.22	30.97
Torrington region	6.2	8.15
Waterbury region	21.6	22.33

This table was made manually because I was unsure of how to extract the data used to calculate % of Total Population that is Hispanic or Latino and % of connections that are with Hispanic or Latino people from the pivot table tab on Tim and Alberlis Build 2 Data Set.

d) Also, paste link(s) to show your spreadsheet work in your SHARED Google Sheet(s). Tim and Alberlis Build 2 Data Set I was unsure of how to move regions to the side and the different races to the top in the pivot table on the tab labeled Pivot Table that was used to show % of interactions that are with Hispanic or Latino people in each region.

e) Finally, write a short paragraph that describes any cautions or uncertainties about the data, and how to avoid misinterpreting your results. There are most definitely other factors that contribute to the disproportionate number of interactions but they cannot be proven with the data provided. The only elements of data that this finding considers relate to interactions (not cases of sexual assault) and general demographics. It does not consider anything like crime rates in certain regions that could be used to explain the correlation that is revealed by this data set. Another misinterpretation of the data could be that Hispanics or Latinos make up for the highest number of total cases compared to other races but this is not necessarily true. This is because the data shows that they interact at a higher rate than expected, not that they are interacting at a higher rate than other races. The last idea is that these findings may not necessarily be accurate in reality because they rely on arbitrary lines that aren't formally recognized and a different story could be told if you drew the lines another way.

Tim and Alberlis Build 2 Data Set