

FINAL PROJECT PEER REVIEW

CLASSMATE NAME: FAN LAN

PROJECT TITLE: MAPPING THE IMPACT OF THE U.S. 2020 COVID-19

This project analyzes the impact of COVID-19 across different geographic areas of the United States. It also shows how population density positively relates to the number of current cases in the United States.

What I like about this project are the map style and how layers are symbolized for the two maps presented. For instance, it is easier for me to relate with the COVID-19 map as it shows clearly the number of deaths per State using single graduated symbols. The choice of colors for each symbol presented in the maps also makes it easier for me to relate well with the maps shown. For instance, the use of red color for the number of deaths in each State speaks so well. I also like the choice of color for the density map. Again, I also like the pop-ups for the point layers shown in the density map. It makes it easier for me to understand the positive relationship between each State's population density and the number of COVID-19 deaths recorded.

One thing I also learned from this project is the possibility of using data to gain insight into the spread of COVID-19 and population density. It is obvious from the population density map presented in the project that areas with high population density in the United States such as Maryland, California and New Jersey are the ones experiencing high COVID-19 compared to low densely populated States such as Wyoming, Montana and North Dakota. This raises serious concerns for urban planners in the United States and across the globe to look at how best to plan for densities in the further.

Having gone through the entire project, I think that adding interactive buttons to the COVID-19 map would make it easier for one to navigate to high-risk zones or epicenters in the United States. Although the project indicates that the total number of cases and deaths in the United State as at May 3, 2020 is 1122,486 and 65, 735 respectively, it would be nice to include REST services that allow the data to be updated automatically with current COVID data across the United States. I also think that setting hover with pop-ups for each States would be great to display the population and name of each State.