FINAL PROJECT PEER REVIEW
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PROJECT TITLE: PRELIMINARY MAPS OF SUBSTANCE USE RECOVERY PROVIDERS IN IOWA

This project analyzes patterns of substance (tobacco, alcohol and other illicit drugs) induced modalities across the United States and Iowa counties. It also presents locations of substance abuse recovery service providers in the State of Iowa and the relationship between substance-induced mortalities and number of COVID-19 deaths in the State of Iowa.

What I like about this project includes the general layout of the page, the map style, the filters and control layers for the substance use recovery service providers maps. For instance, it is easier for me to interact and relate easily with the different types of substance use recovery service providers by switching between the various filters. Again, it is also easier for me to compare the relationship between the number of COVID-19 cases against poverty levels and substance-induced modalities across the Iowa counties. Again, I also like the fact that the REST service used for the COVID allows the data to be updated automatically with current COVID data. Thus, one does not need to update them manually.

What I learned from this project is the possibility of using data to gain insight into how substance-induced mortalities could increase due to COVID-19. This sounds interesting as the substance use recovery service providers map presented shows that there are increasing numbers of COVID-19 cases in areas with high substance-induced mortalities. One other thing I also learned from this project is how to add filters to maps, to allows one to switch easily between various groupings or categories. In the case of this project, the filters make it much easier to know the substance use recovery service providers under each category listed.

Although this is a great piece of work, few things could be added to enhance the quality of information presented on the page and the map styles as well. For instance, filters could be added to categorized substance use recovery service providers under the various substance groups such as Alcohol treatment, Gambling treatment, tobacco treatment and many more. I also think that the basemaps for the substance use service provider maps could be enhanced by customizing Mapbox tile layer as basemaps.