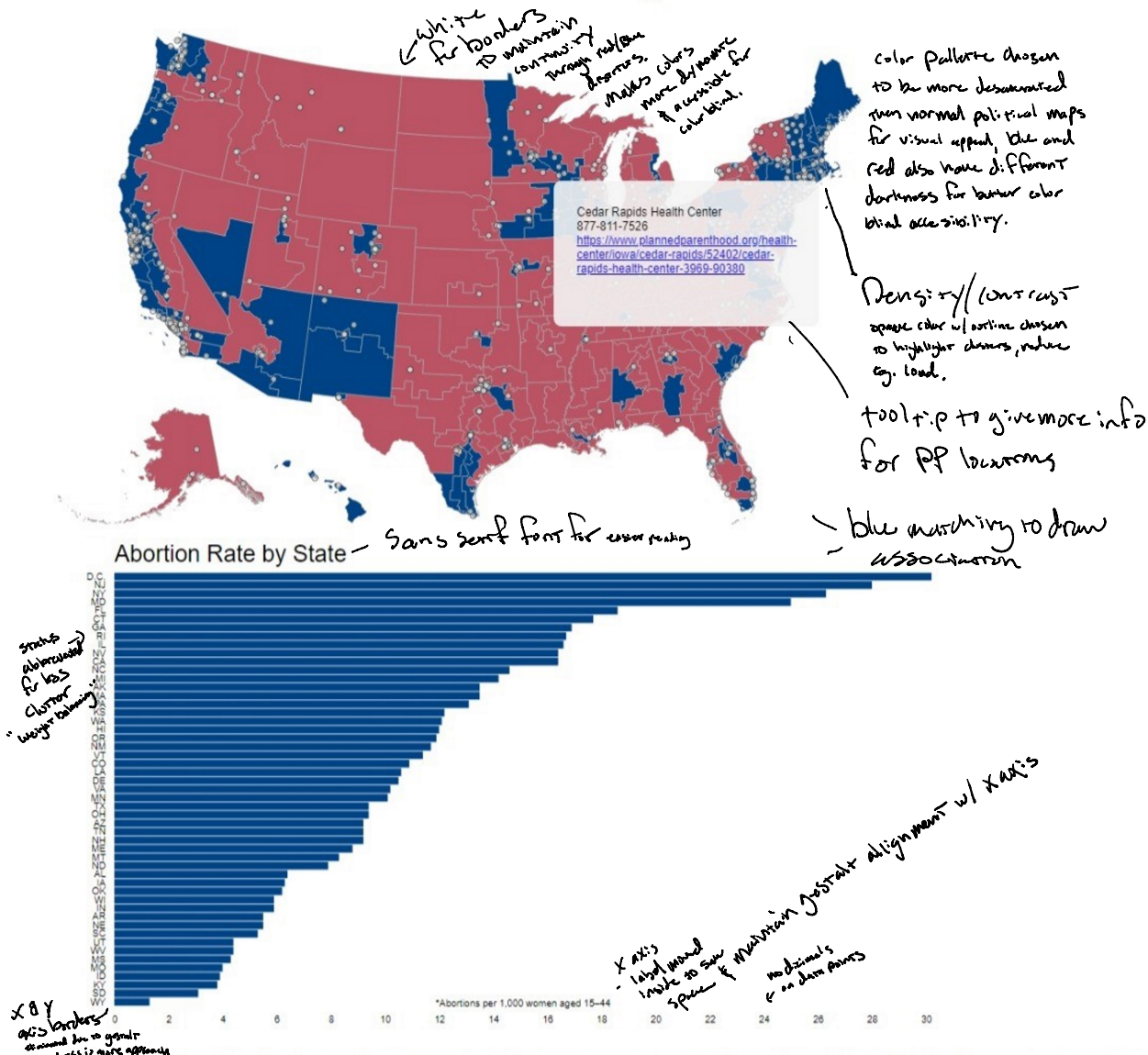


Planned Parenthood Locations and U.S. Congressional Districts



Hypothesis: Access to Planned Parenthood is a major factor in the number of abortions in a given congressional district. The more Planned Parenthood locations in a district, the fewer abortions in that district, and since Democratic districts have more Planned Parenthood locations in them, they will have fewer abortions than Republican districts.

Method: I used the Planned Parenthood API to get the number of Planned Parenthood locations in each congressional district. I then used a U.S. Census Bureau repository on github to get the congressional district shape files for the 116th Congress. After that I used the D3 library to create a map of the number of Planned Parenthood locations in each congressional district colored by the political party. Finally, data from the Guttmacher Institute to get the number of abortions in each State in 2017 (the latest available complete dataset I could find) was used to create a bar chart of the number of abortions in each State. This helped me to determine which States had the most abortions and which States had the fewest abortions. The map of planned parenthood locations then helps inform us that the number of abortions in a given state is related to the number of Planned Parenthood locations in that state. Though my hypothesis was incorrect and that more access to abortive services correlates to a higher rate of abortions. Republican held states have fewer abortions than Democratic held states.

Results: The results of my analysis show that there is a strong correlation between the number of Planned Parenthood locations in a congressional district and the number of abortions in that state. The more Planned Parenthood locations in a district, the more abortions in that state.

Sources:

[Guttmacher Data](#)
[Planned Parenthood](#)

I used a web scraper to gather locations of PP locations

[Github for District json](#)

Congressional district topoJSON file, updated for 116th party affiliation

Annotated Page

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