

Figure 1: The article states that patients with disabilities have trouble accessing the healthcare system in US. I plan to prove this statement with the percentage of health care coverage and the percentage of population who could not see a doctor due to cost in the past 12 months. This figure shows and compares those two indicators among population with disability and without disability from 2016 to 2020. It is expected to see population with disability have less health care coverage and more likely not to see a doctor due to cost.

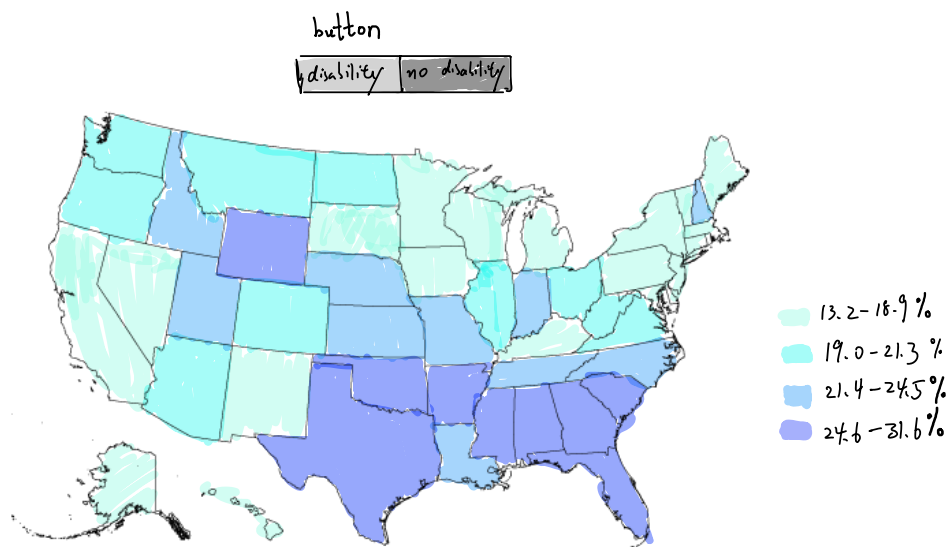


Figure 2: This map shows the percentage of the population who could not see a doctor in the past 12 months due to cost with disability in different states. I think it could be useful to encode state information to have further analysis but one issue is that it could not effectively show the percentage of population without disability in the same map. Therefore, I plan to use a button so that users can shift between the two groups and see the comparison. Another idea is to show two maps of two groups side by side.

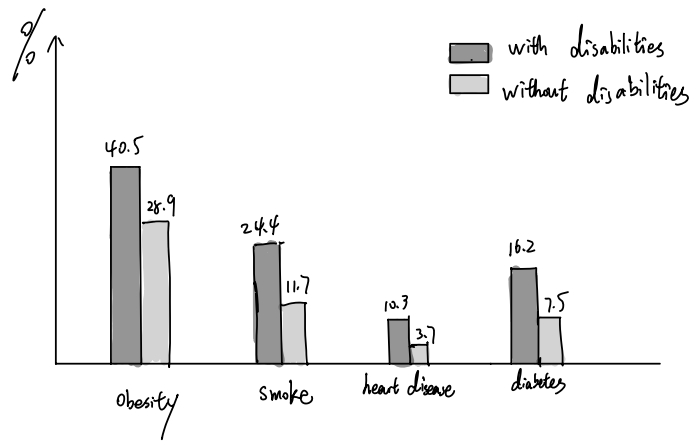


Figure 3: In the article, it says doctors show biases towards patients with disabilities and usually blame their symptoms on the conditions such as obesity and other general health conditions. Therefore, I would like to compare the percentage of people with disabilities and people without disabilities who got obesity, heart disease, diabetes or smoke. Though it is expected to see people with disabilities more likely to have those health conditions, doctors should not neglect the possibilities of other more serious diseases.

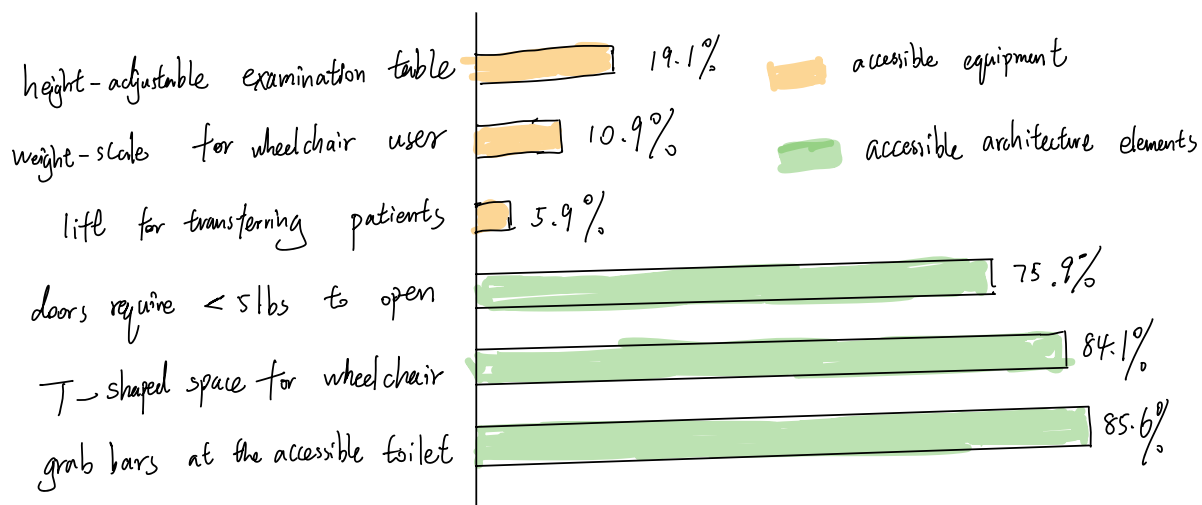


Figure 4: The article mentions that accessible architecture elements are usually covered thanks to ADA but ADA does not specify the accessible equipments so they are usually lacked in a medical office. This chart shows the percentage of different kinds of accessible equipments and accessible architecture elements in a medical office according to a Californian survey.