

COVID-19 Prison Cases Graphical User Interface (GUI) User Manual

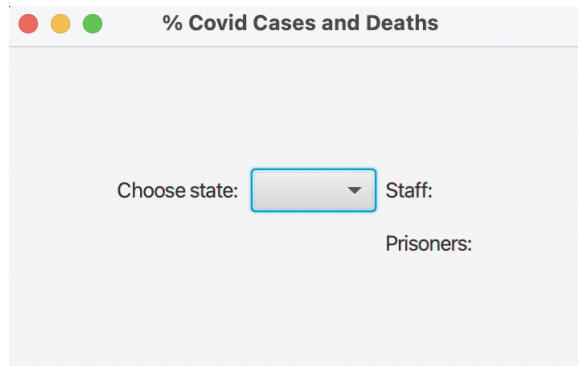
Introduction

This interface is the result of an analysis on The Marshall Project's [COVID-19 in Prisons dataset](#). The interface only draws on data from the ending of March 2021. The dataset includes total vaccinations, COVID-19 cases and deaths, and prison and staff populations at the state and federal levels. This GUI allows you to look up the percentage of COVID-19 cases that resulted in deaths by state, the national average cases for staff and prisoners, and partial vaccination percentages by state.

Notes

The dataset used by this interface has been cleaned to parse through it easily. If you were to skim through the dataset, you would see "0"s in several cells. These were previously blank as The Marshall Project was not able to collect data in those situations and states. Because of this, there may be points where you see "null" or "0" when using the interface. Some states are excluded altogether because of the lack of any prison data released to the public.

Scene 1: Percentage of Cases Resulting in Deaths

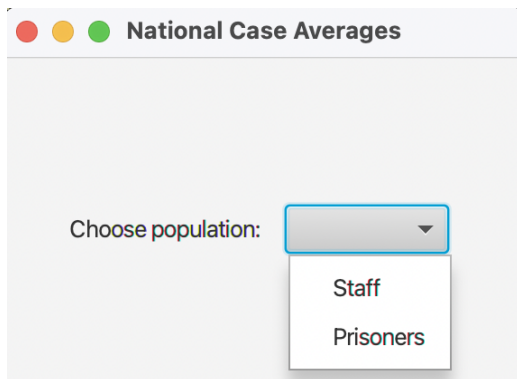


The screenshot shows a window titled "% Covid Cases and Deaths". Inside the window, there is a label "Choose state:" followed by a dropdown menu. To the right of the dropdown menu, there are two labels: "Staff:" and "Prisoners:". The dropdown menu is currently empty, and the "Staff:" and "Prisoners:" labels are not yet populated with data.

In this window, you will be able to see the percentage of COVID-19 cases resulting in deaths. You can select any state (denoted by their abbreviations (ex: "AL")) plus Federal ("US") in the dropdown menu. Once you select a state, percentages for staff and prisoners will appear.

Luckily enough, you will see that these percentages are relatively low for both prisoners and staff, often under 5%. The Federal Bureau of Prisons has not reported their cases and deaths.

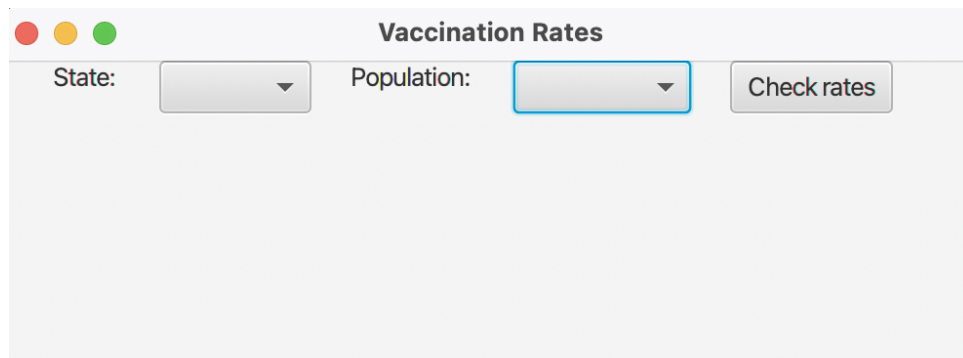
Scene 2: National Case Averages



If you ever wondered what percentage of prisoners are getting COVID-19, this window will tell you. This window allows you to check the average COVID-19 case percentage at the national level for either staff or prisoners. Simply click on either “Staff” or “Prisoners” in the dropdown menu.

The results for both staff and prisoners are similar. The lack of disproportion is most likely due to the fact that both staff and prisoners are often in close proximity to each other. In the event of COVID-19 prison outbreaks, both staff and prisoners are subject to the virus.

Scene 3: State Vaccination Rates Among Staff and Prisoners



You can also view the vaccination rates in your chosen state and population (either staff or prisoners). Once you choose them in their respective dropdown menus, click the “Check rates” button and a value with that state population’s vaccination rates will appear.

Not surprisingly, dense states like California and New York have some of the highest vaccination rates in the country (for both prisoners AND staff) along with the Federal Bureau of Prisons. But what’s actually surprising is the *lack* of such data for quite a few states, even though the data was collected in late March and vaccinations for prisoners and staff began earlier. However, prisons are notorious for not collecting or releasing data in a timely manner.