

Project on COVID-19

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| Introduction | Number of Cases Per State | Fatalities by Age | Hospitals' Capacity | Effects on Hospitals | Vaccinations |
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STATE WIDE RESEARCH ON COVID - 19 IN USA

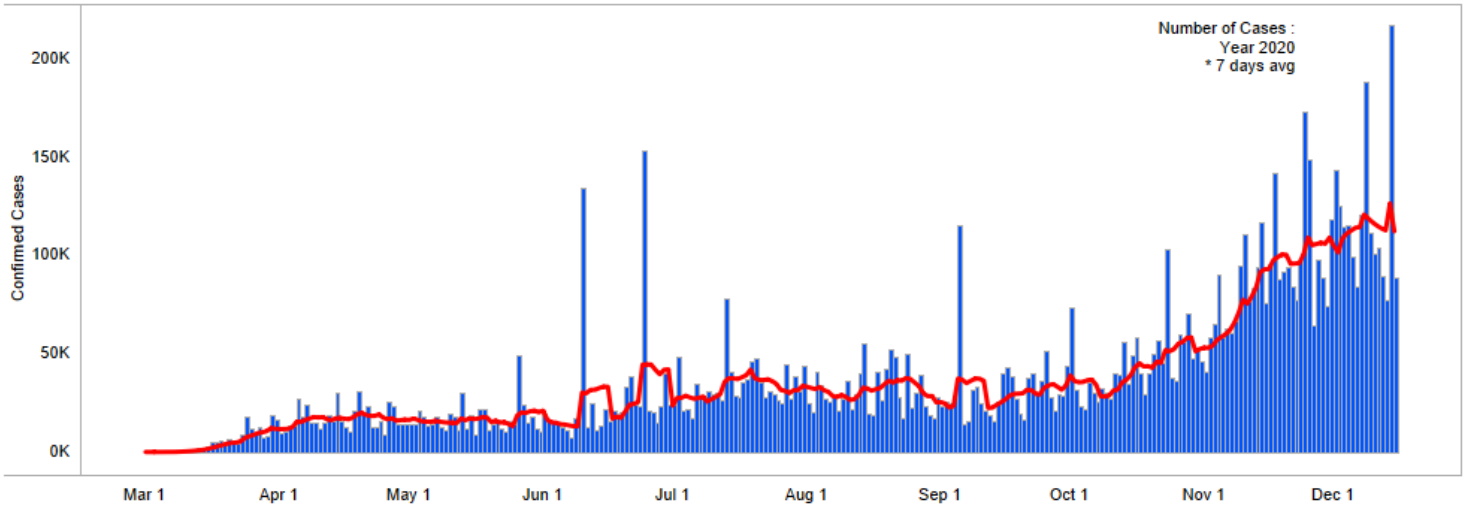


On January 20, 2020 the US got the first confirmed case of Covid-19. Since then cases have increased significantly to **20M+**, while deaths are nearing **300k+**, the economy has been badly hit due to people staying home and lockdowns to slow down the spread of the virus. Many people have lost their job, their ability to safely move around, their health, and in many cases their lives, or that of their loved ones.

We will be analyzing how this pandemic has affected the country, from cases to hospitalizations, deaths and how the recent rollout of vaccines is going.

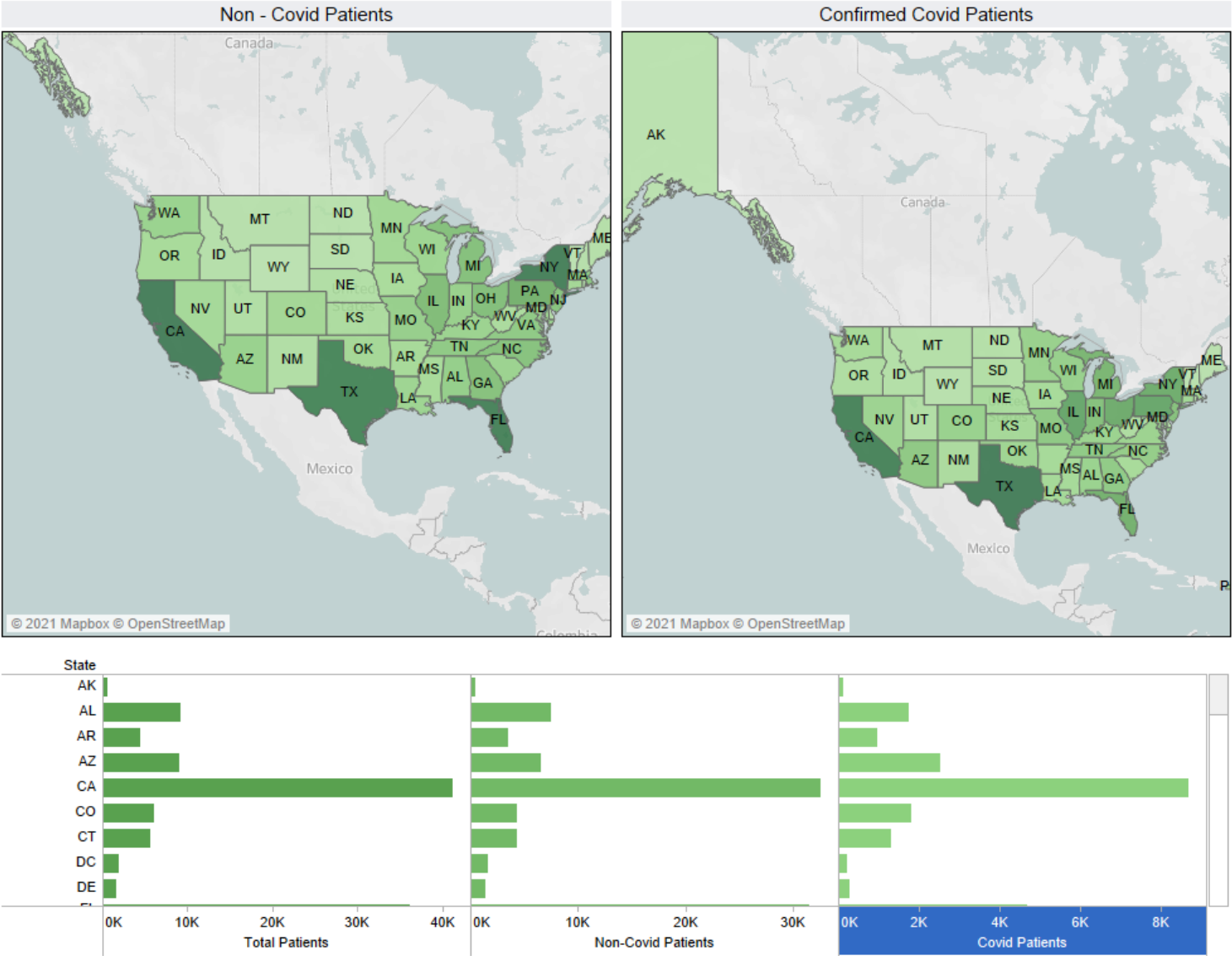
Designed by:
Carine Khalife
Tonmoy Hashmi
Patricio Maldonado
Alejandro Paez

Source: data.gov



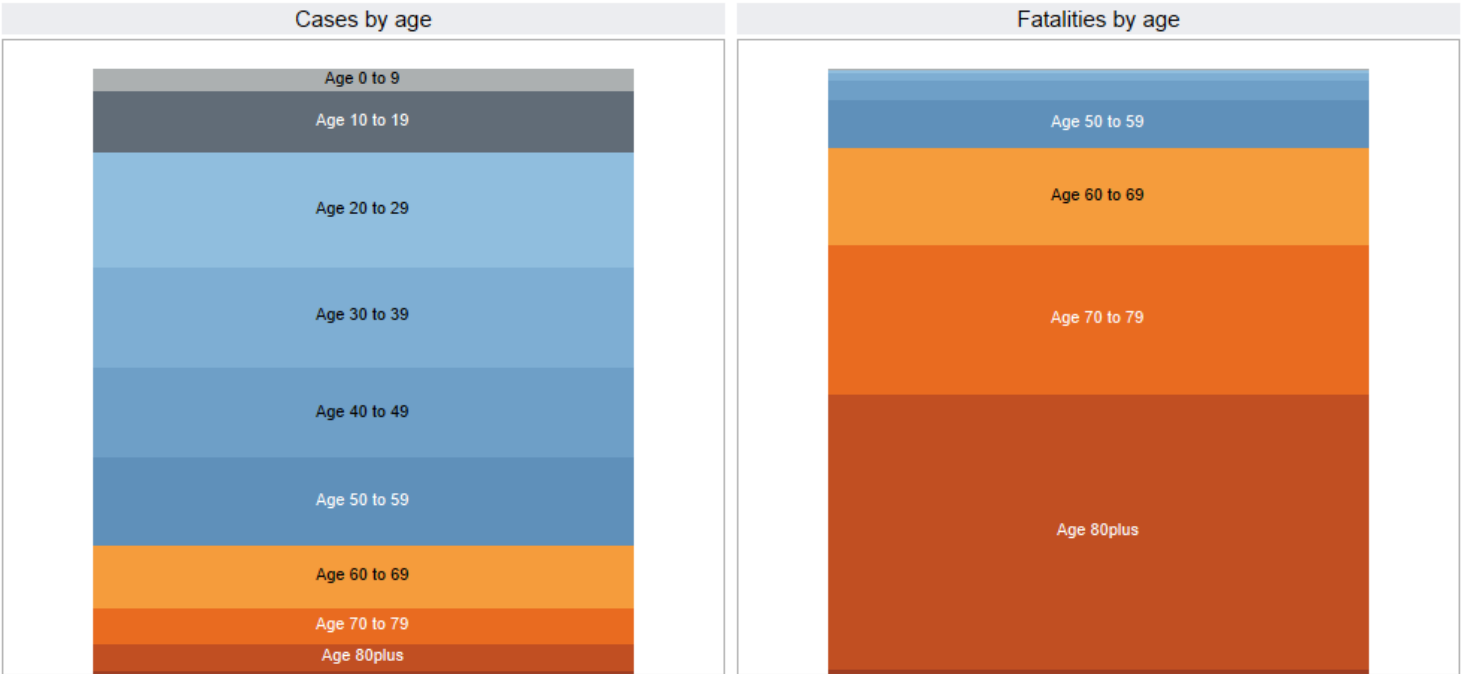
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Number of Patients



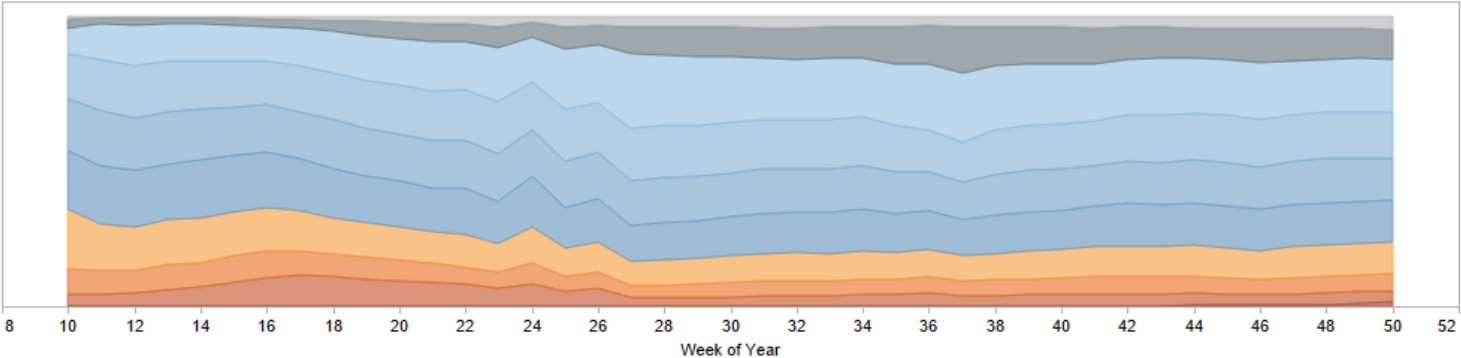
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While cases occur in relatively young people (age 20-59) deaths have affected older people (age 60+) more



Percentage of cases by age per week

As we can see, the percentage of cases by people aged 60+ has gone down since the beginning of the pandemic. One possible reason for this is that, knowing that they are disproportionately affected, they are taking more precautions and getting less infected than younger people



Introduction

Number of Cases Per State

Fatalities by Age

Hospitals' Capacity

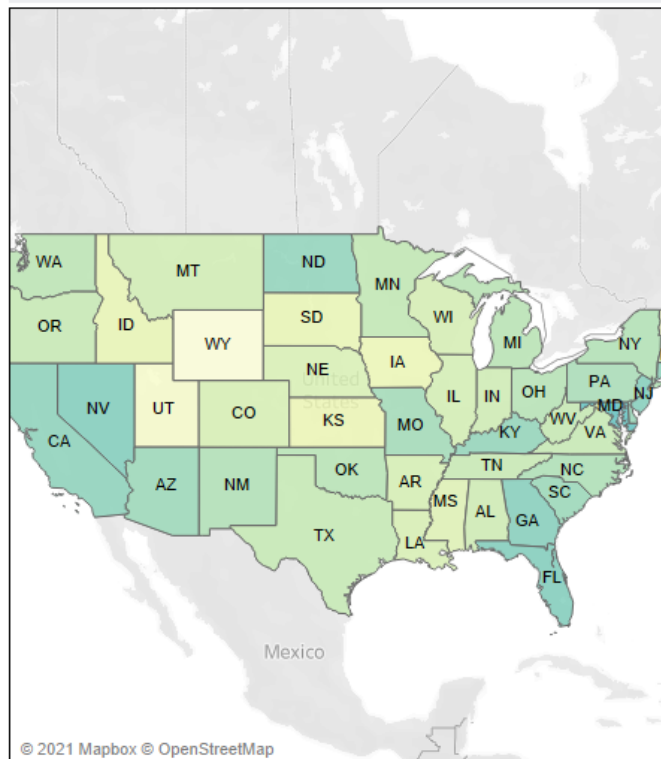
Effects on Hospitals

Vaccinations

HOSPITALS OF USA DURING COVID - 19

Hospital Occupancy per State in the US

Hover over the state to highlight the state in the other graphs



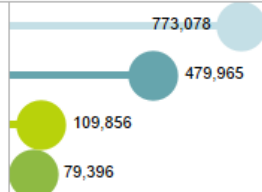
Hospital Capacity and Occupancy

Total Beds

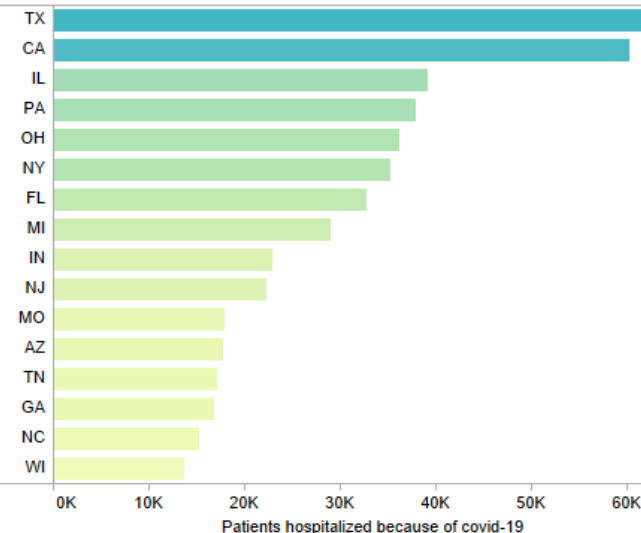
Beds Occupied

Total ICU Beds

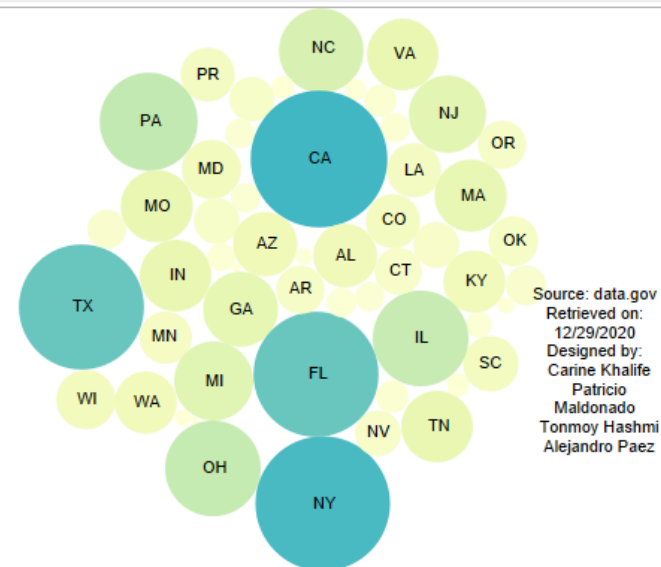
ICU Beds Occupied



Current amount of hospitalized patients suspected or confirmed with covid-19



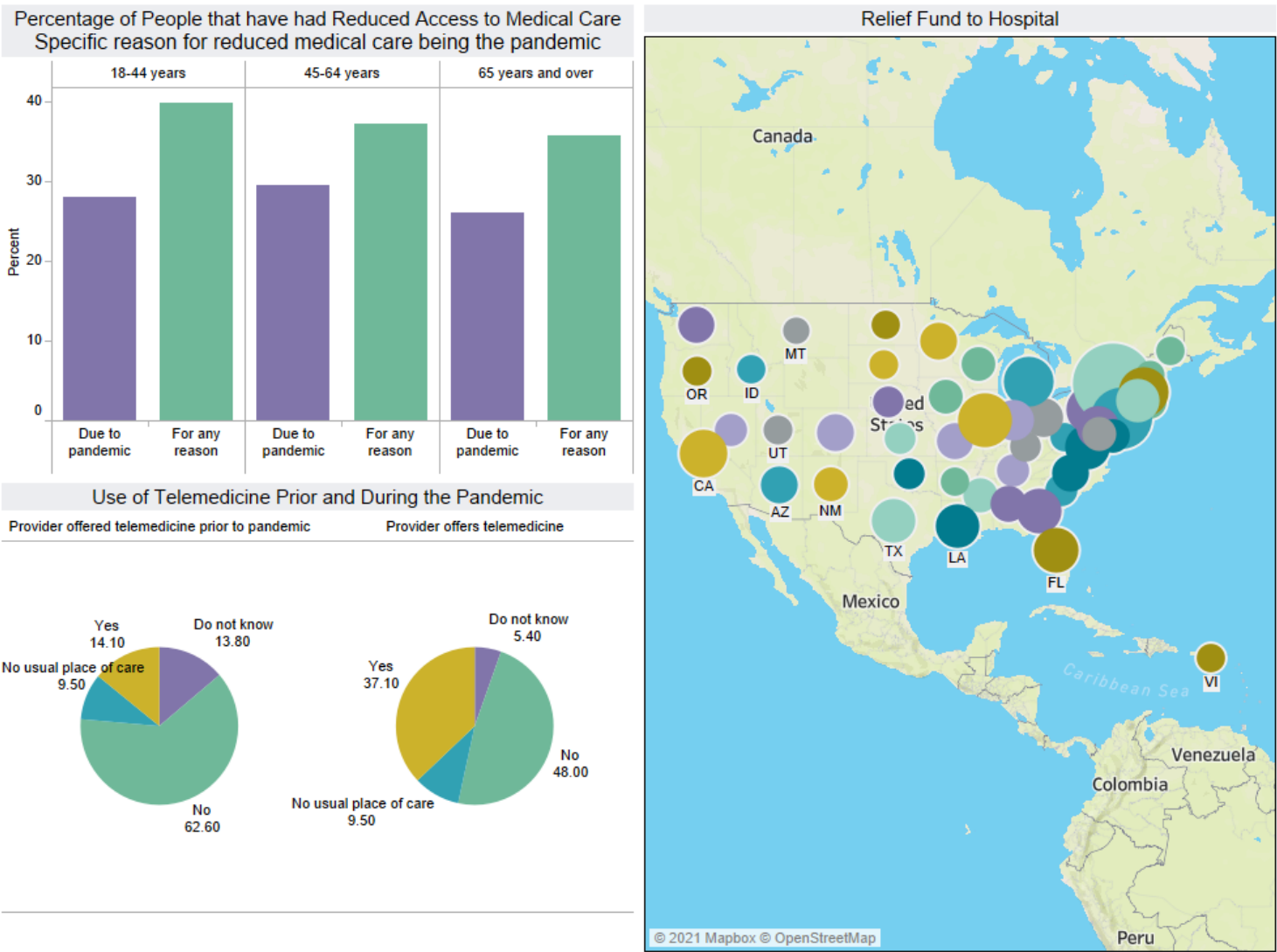
Total Hospital Capacity



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Effects on Hospital due to the Pandemic

The health crisis has influenced people into going less to the hospital out of fear of getting infected. Because of this hospitals have adopted distance care and have had to receive funding from the government



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STATE WIDE COVID 19 VACCINE IN USA

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|---------------|------------|-------------------|
| Pfizer | 18,599,100 | HHS Region All |
| Moderna | 19,206,600 | |
| Total Vaccine | 37,805,700 | |

