




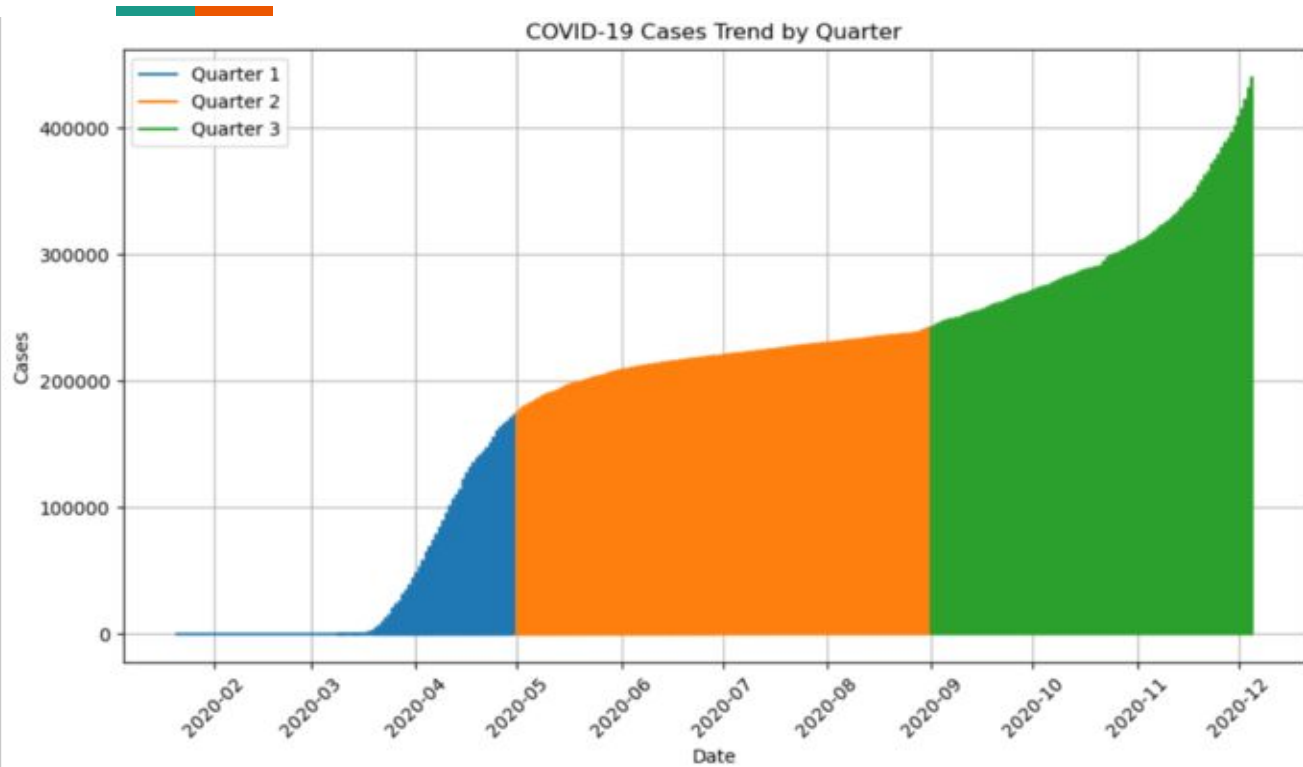
Covid 19 Analysis 2020 in the US

By Gurpreet, Ola and Bibek

Background

- 
- A look at the 2020 covid hit outside China, with focus on the US**
 - trends patterns during the start of the outbreak in the US.**
 - Quarter 1 is from January to April presented by Gurpreet**
 - Quarter 2 is May to August presented by Bibek**
 - Quarter 3 is September to December presented by Ola**

Covid-19 trends by Quarter

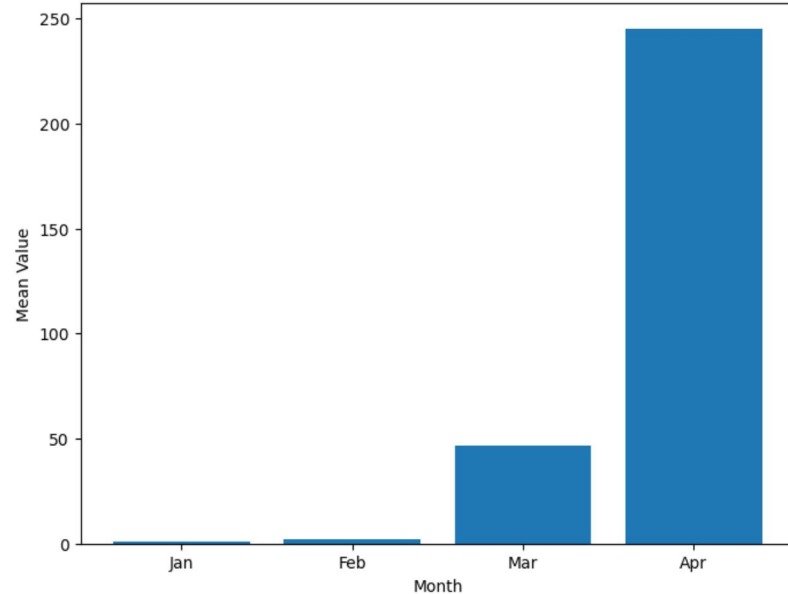


As seen in the graph:

- Quarter 1 was the start of the outbreak therefore they were not much cases
- During quarter 2 it was a steady increase.
- In quarter 3 there a rapid increase in the cases.

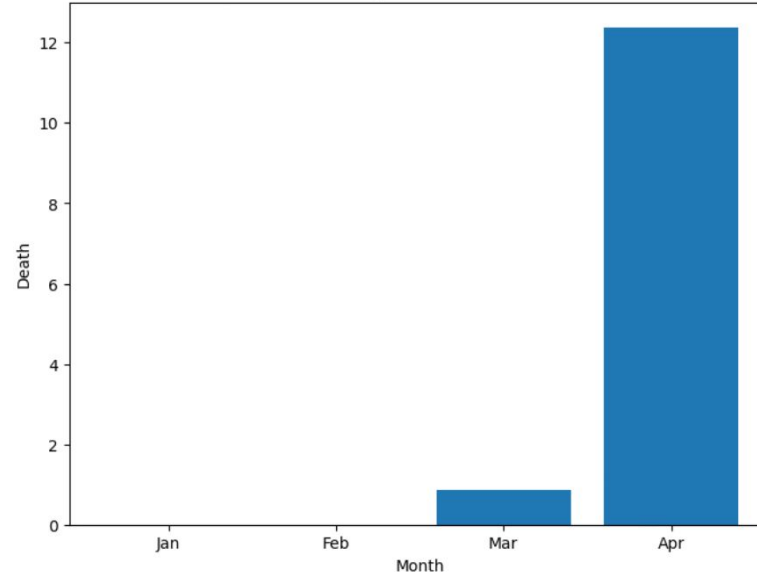
Quarter 1

The Average amount of cases in the first quarter



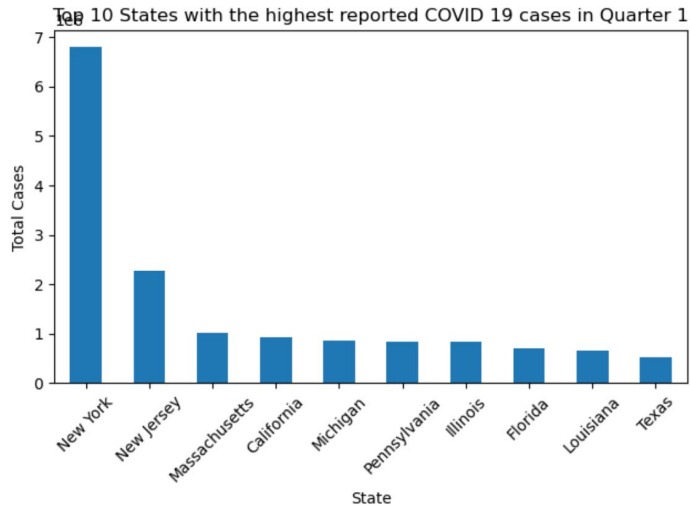
- Graph 1
- January and February there were a low number of cases.
- March cases started raising, especially in April, which had 245 cases.

The Average amount of death

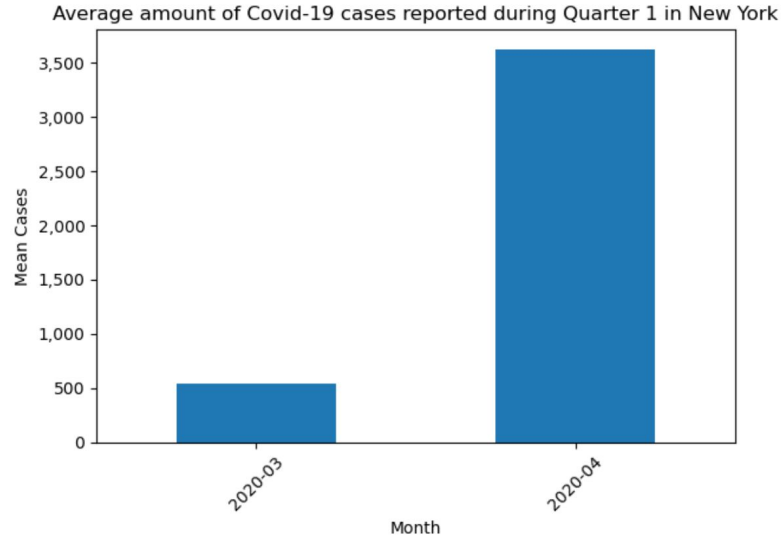


- Graph 2
- No death in Jan and Feb
- March and April is when the deaths occurred, in April there was 12 deaths

Top 10 States: Cases



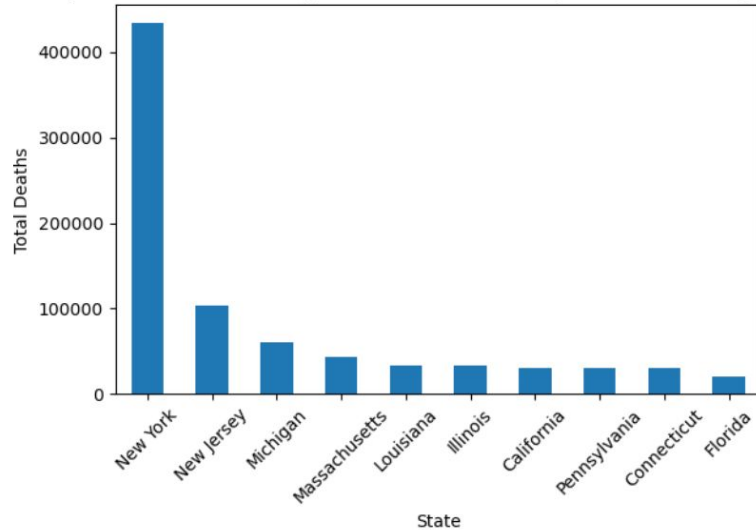
- Graph 1
- New York with the highest amount of cases 6793952
- Texas with the lowest amount of cases 515063.



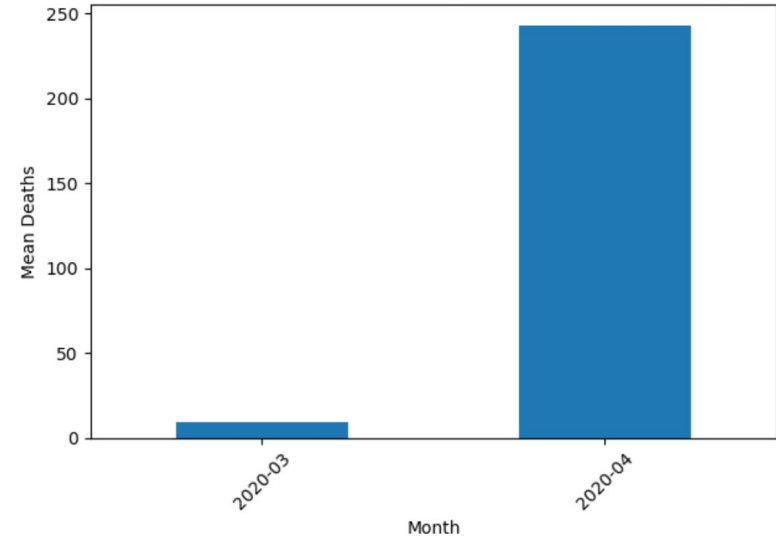
- Graph
- Average amount of cases in New York in March were 545
- In April it was 3624

Top 10 States: Death

Top 10 States with the Highest COVID-19 cases reported Deaths in Quarter 1

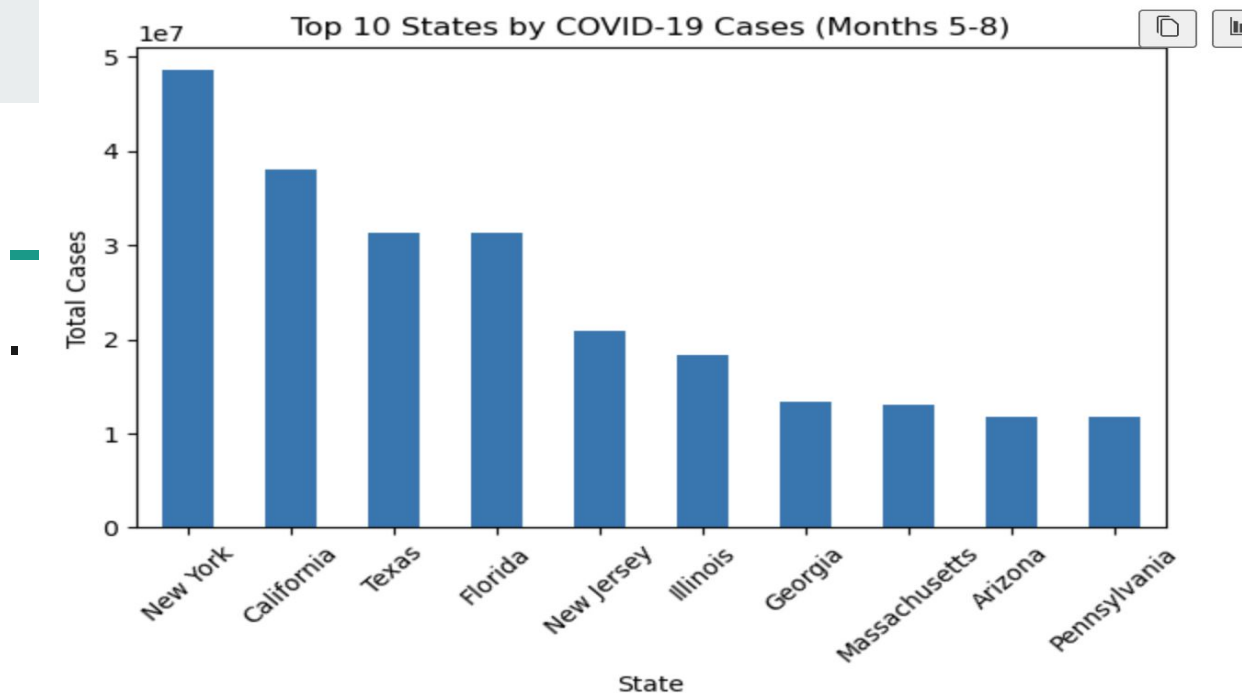


Average amount of COVID-19 deaths reported in New York during Quarter 1



- Graph 1
- The top 10 state with the highest amount of case is New York with 433141 and the lowest amount of cases is Florida with 19984

- Graph 2
- Average amount of death in March were 9
- In April were 243

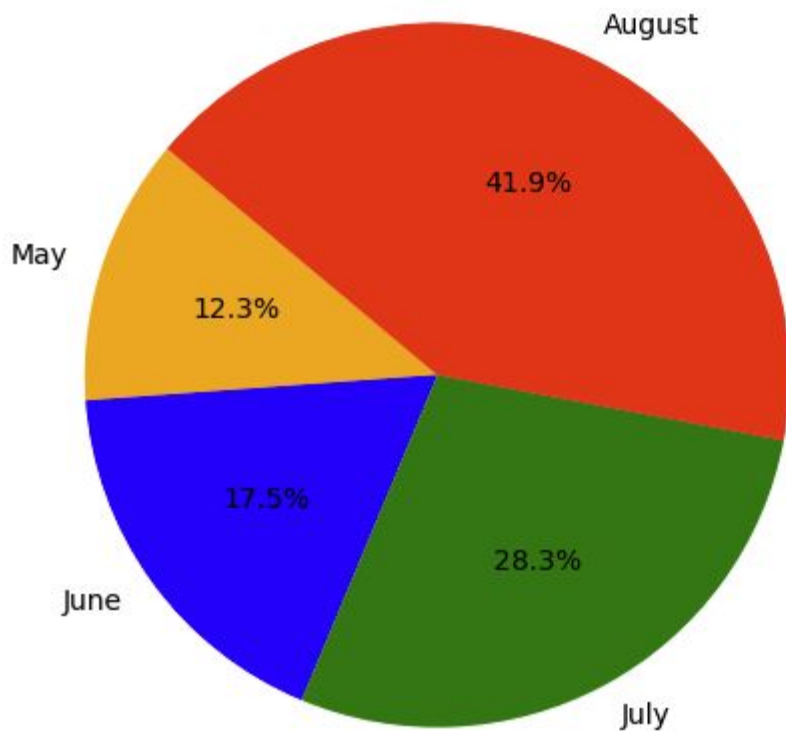


Top 10 states with highest cases from may to august.

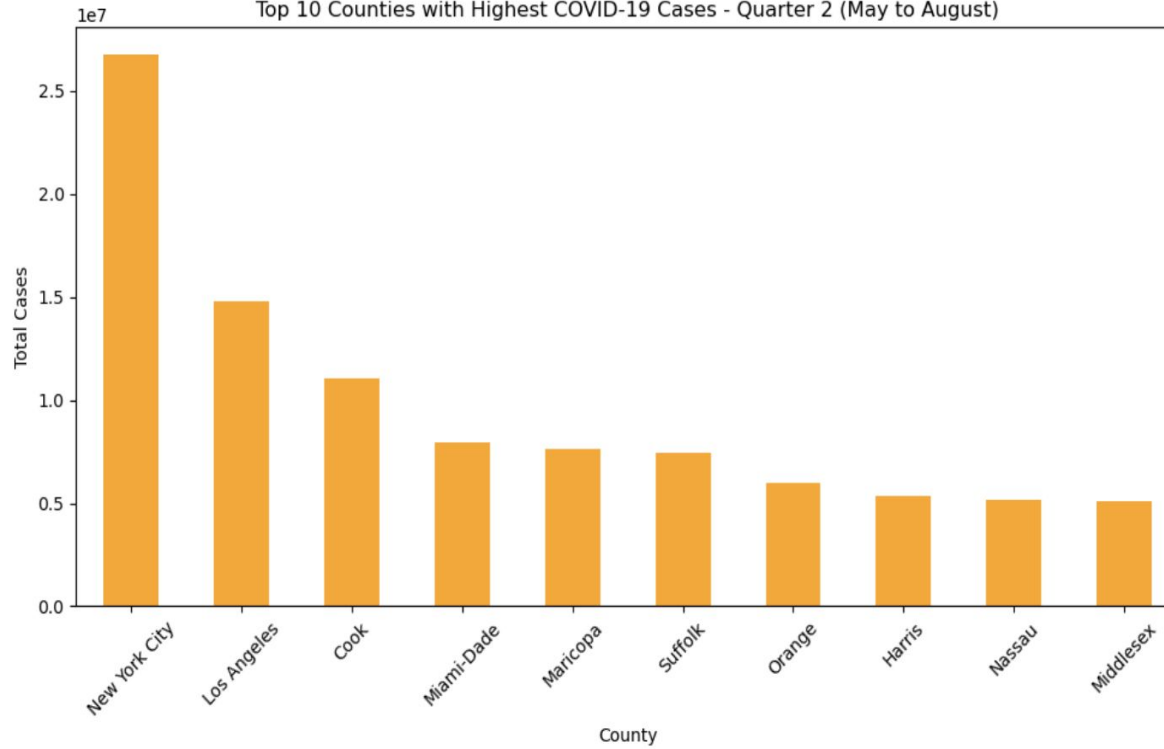
Highest case -NYC- 48526651

Lowest case -pennsylvania-11706520

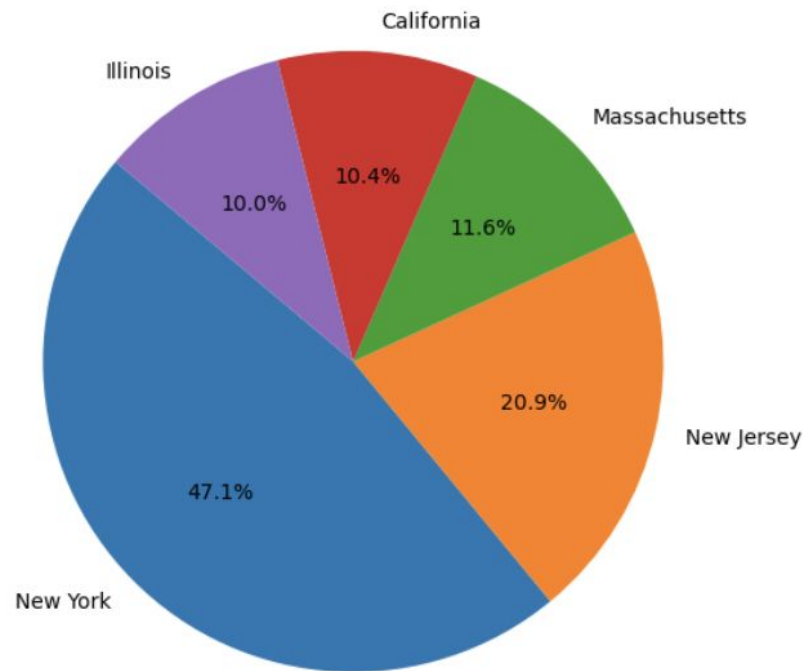
Distribution of Mean COVID-19 Cases by Month (May to August)



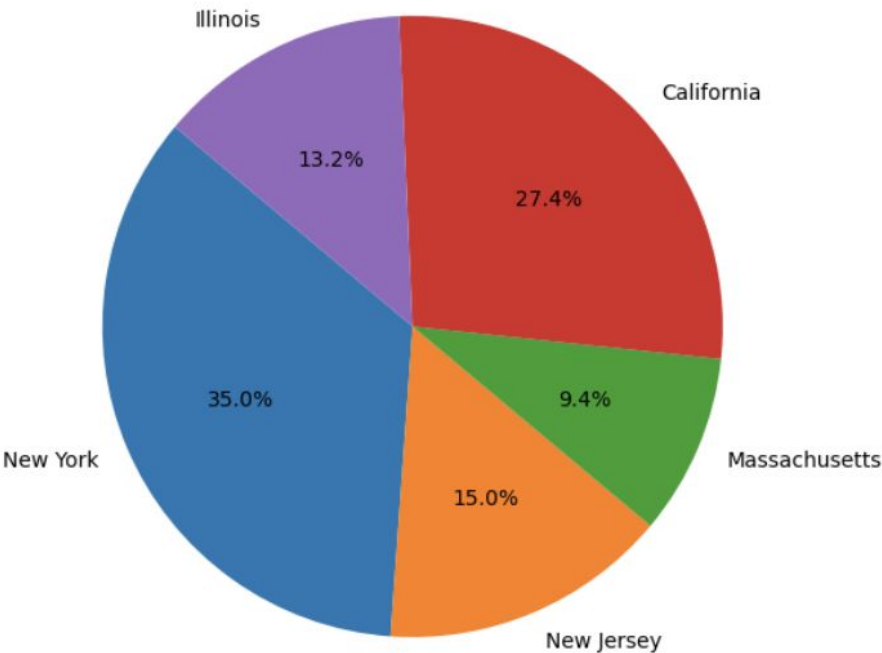
Top 10 Counties with Highest COVID-19 Cases - Quarter 2 (May to August)



Distribution of COVID-19 Deaths in Top 5 States (May to August)

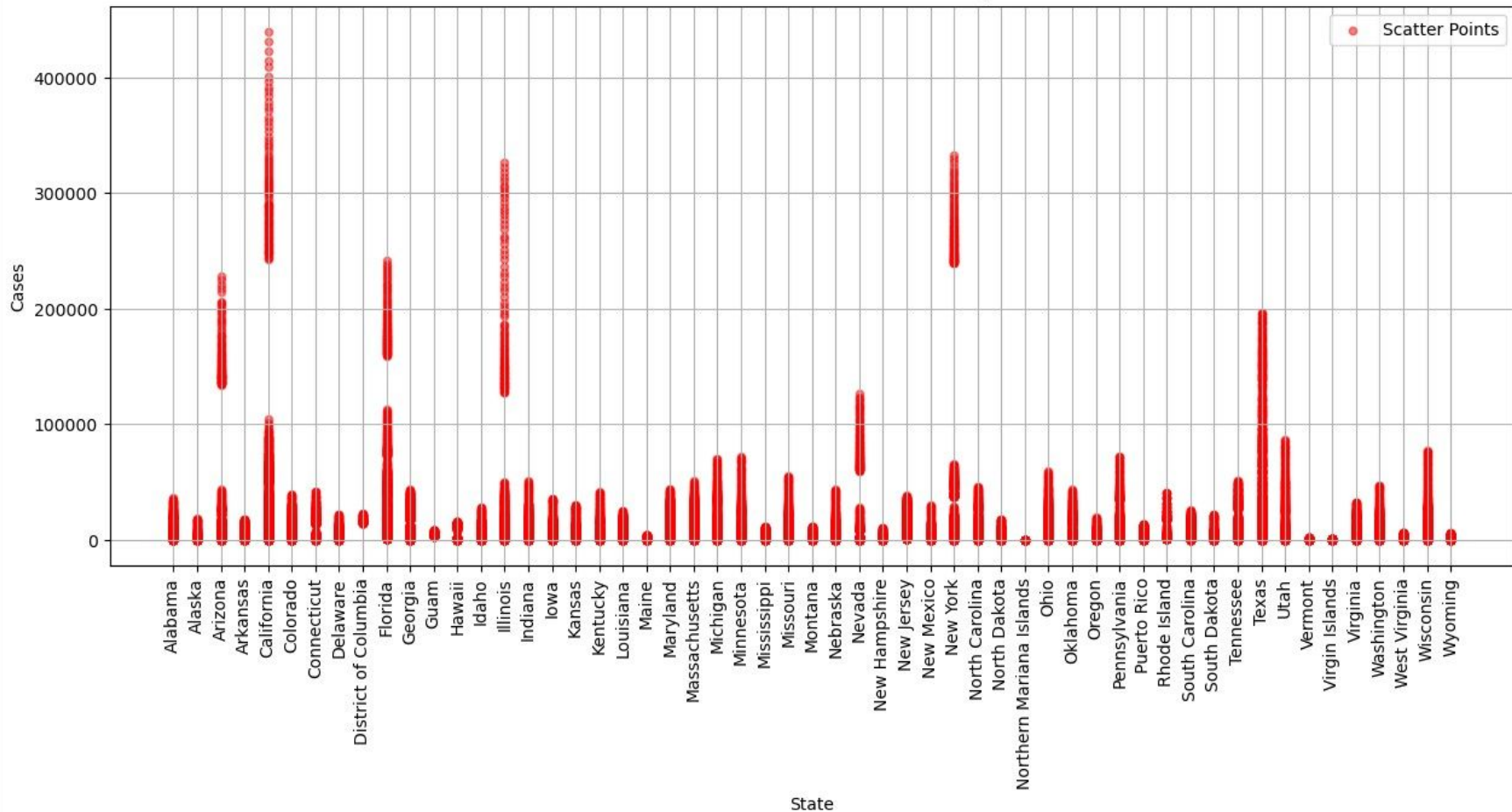


Distribution of COVID-19 Cases in Top 5 States (May to August)

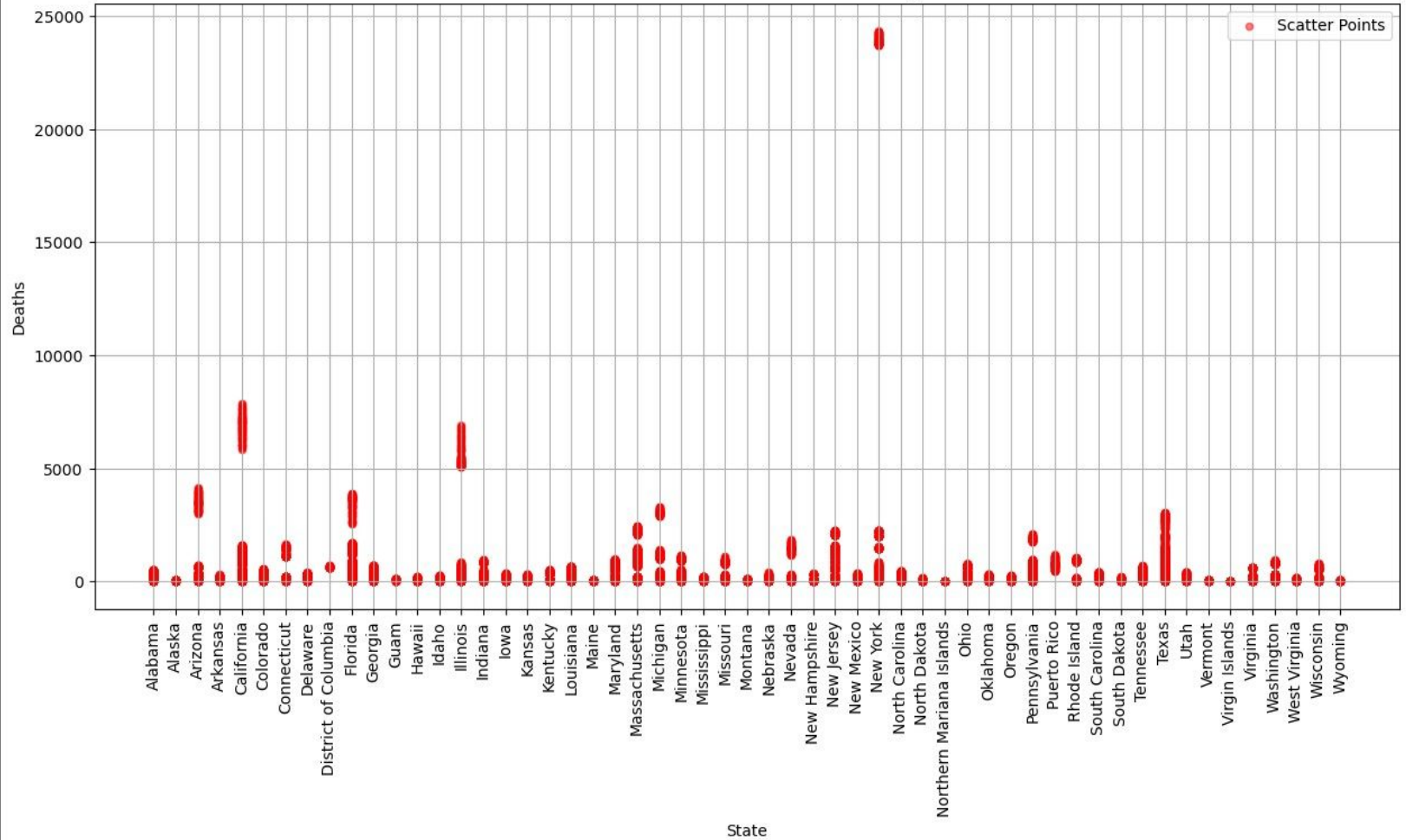


Quarter 3

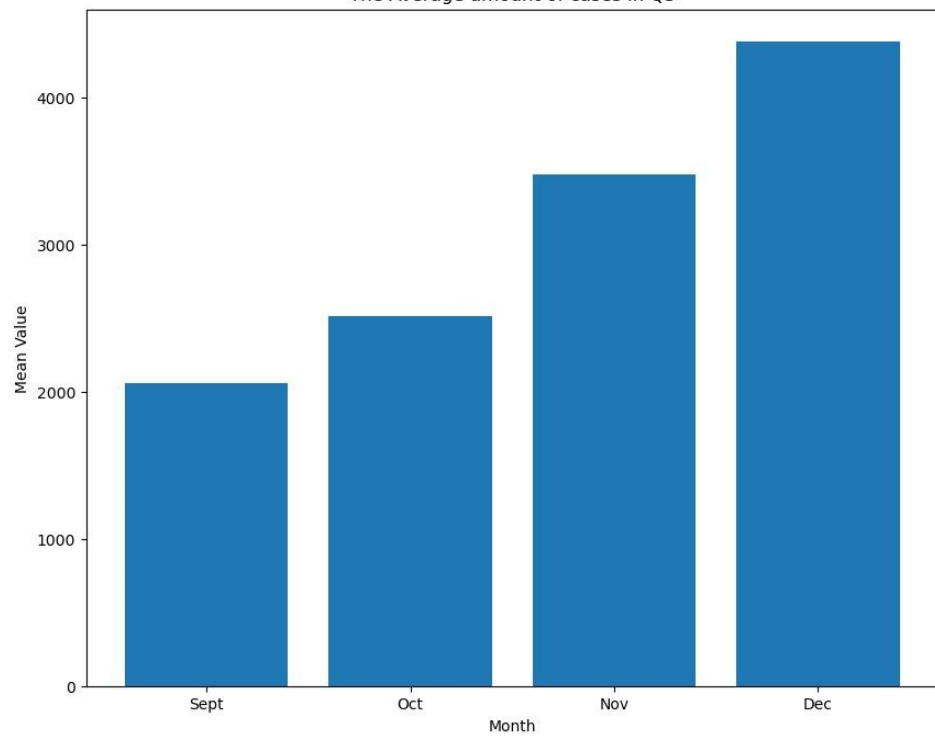
Scatter Plot of State cases in 3rd Q



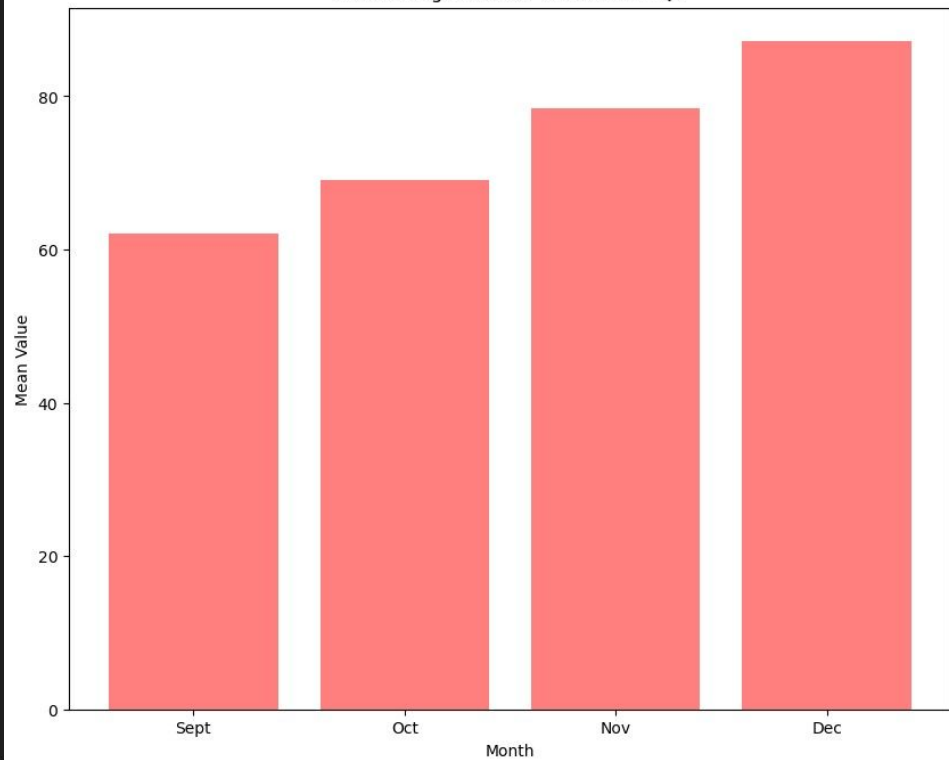
Scatter Plot of State Deaths in 3rd Q

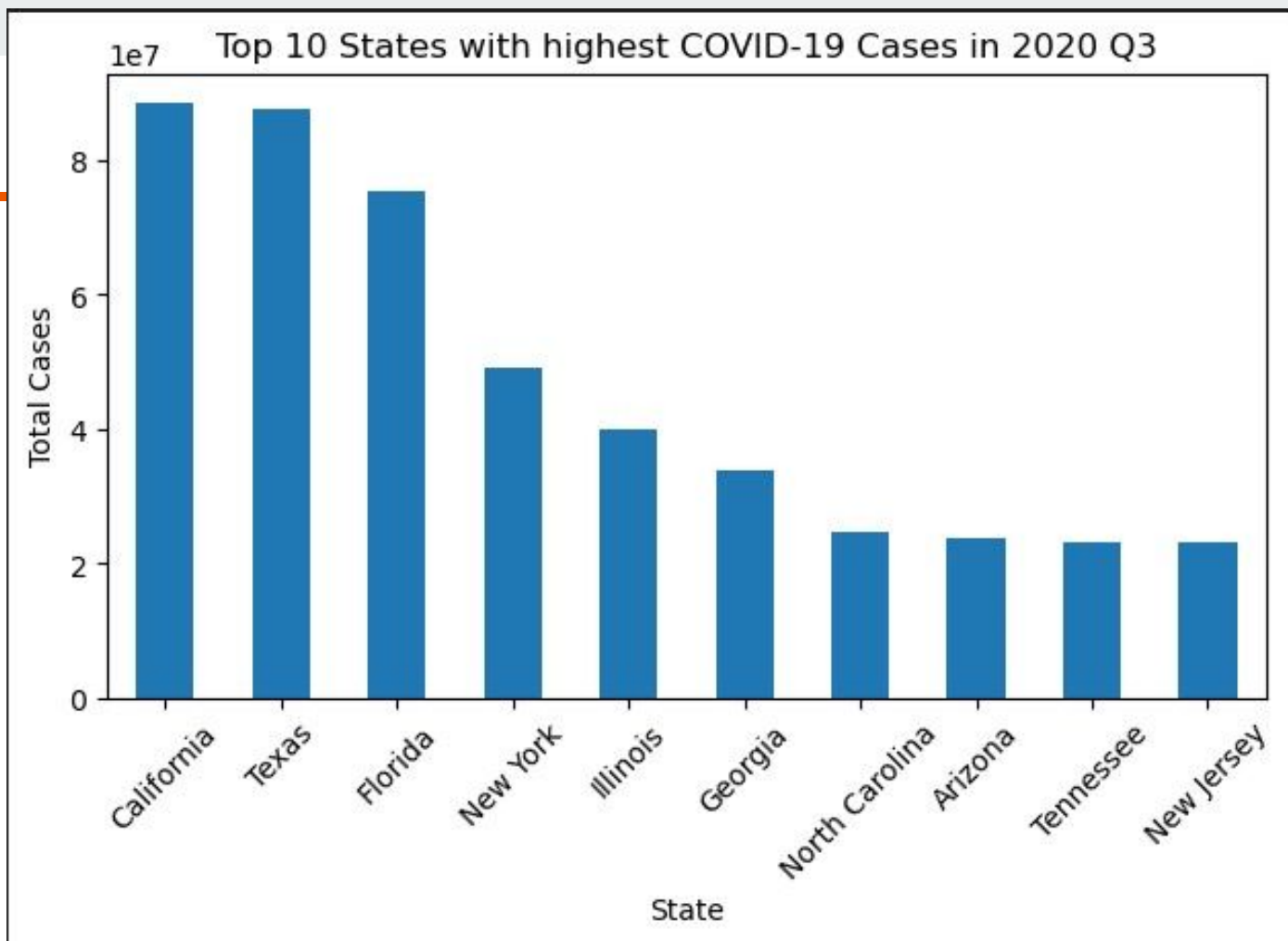


The Average amount of cases in Q3

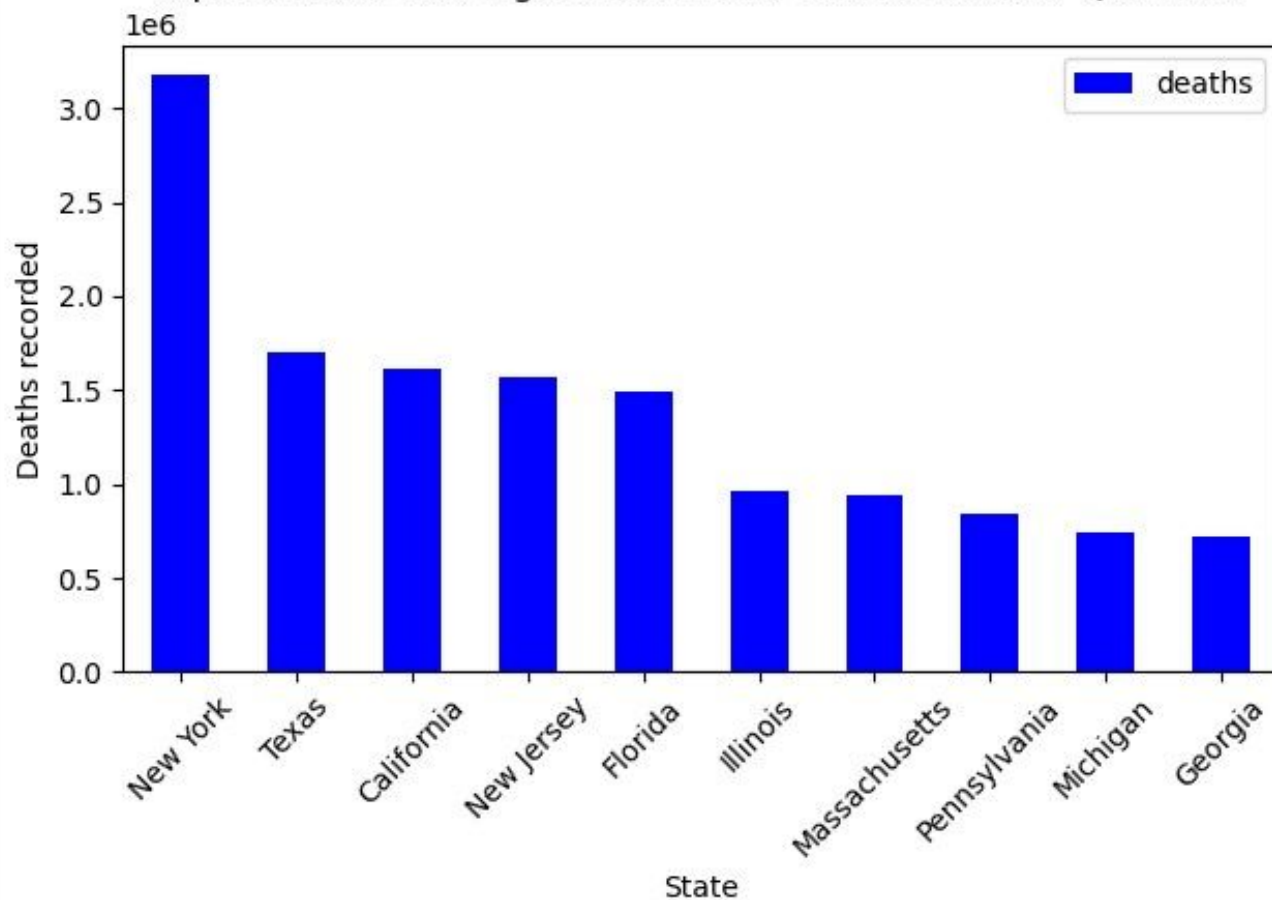


The Average number of deaths in Q3

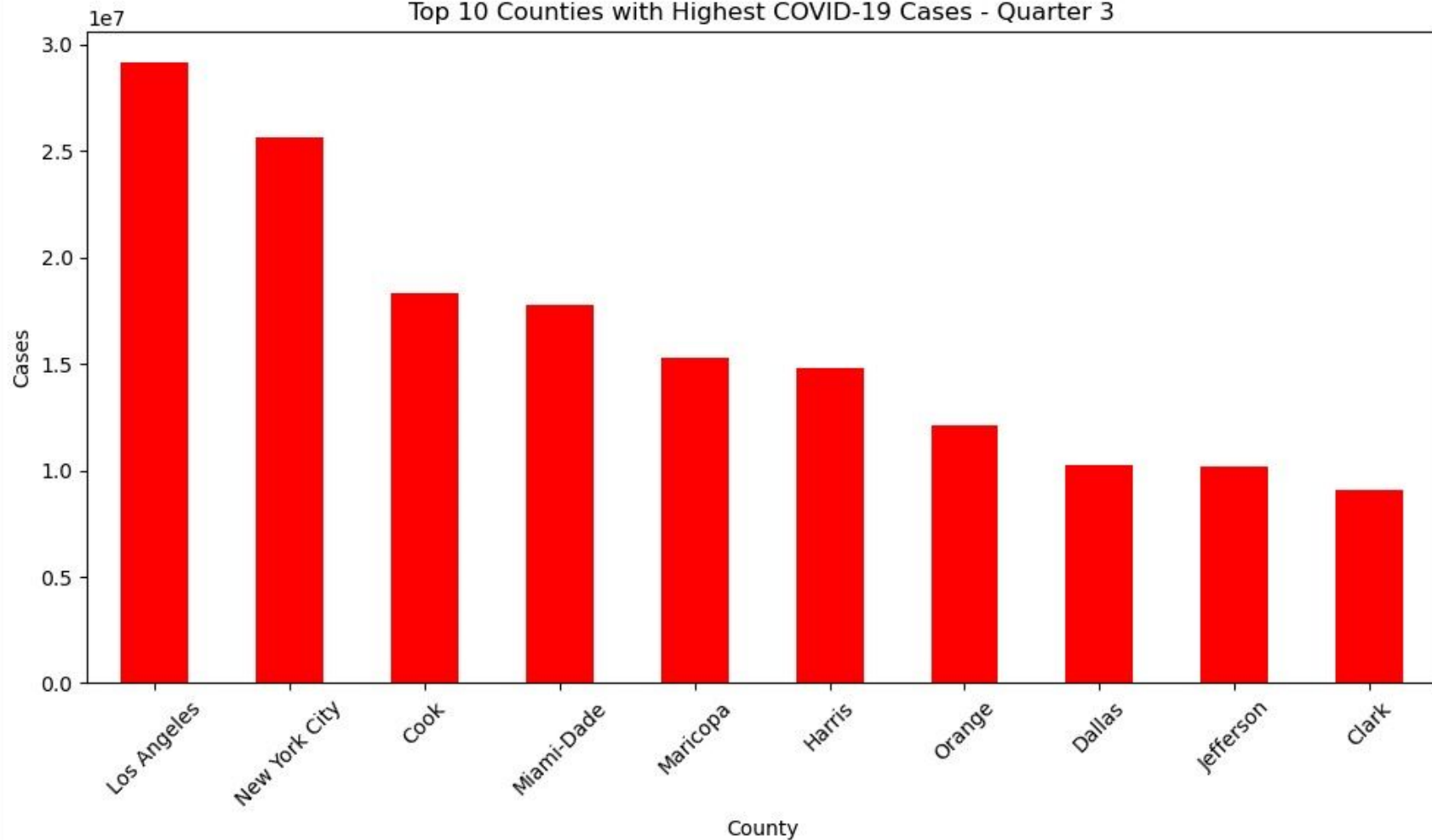


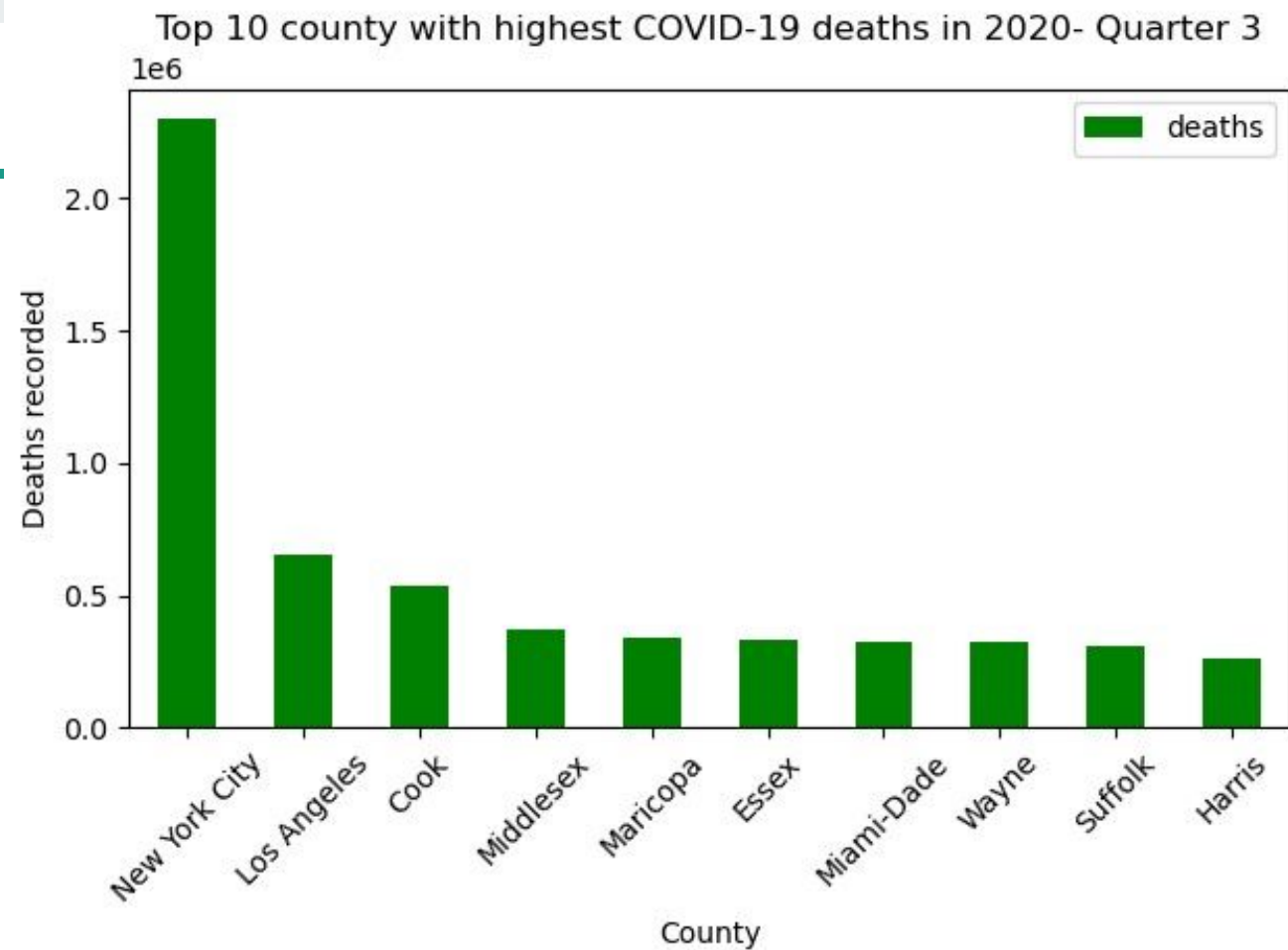


Top 10 states with highest COVID-19 deaths in 2020- Quarter 3

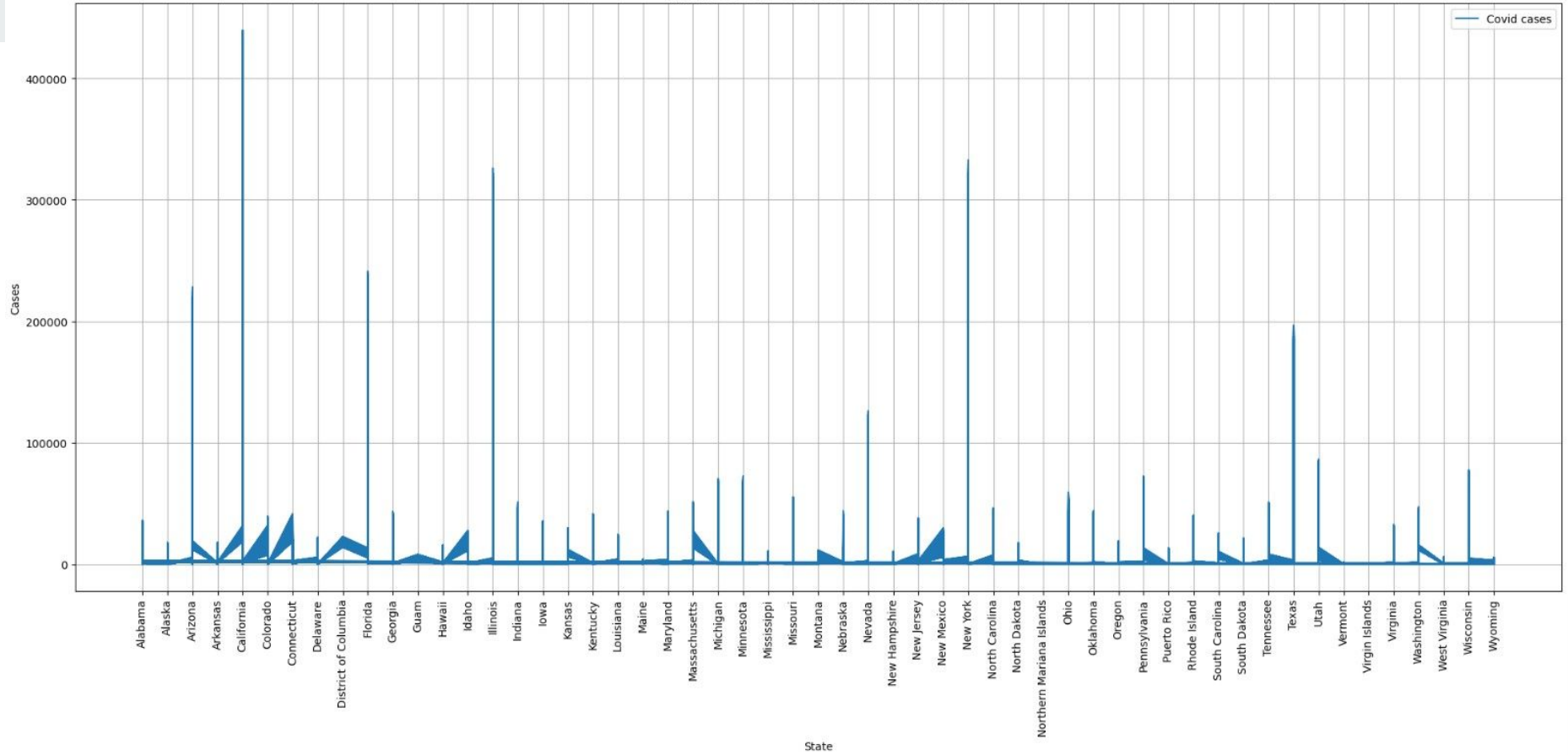


Top 10 Counties with Highest COVID-19 Cases - Quarter 3

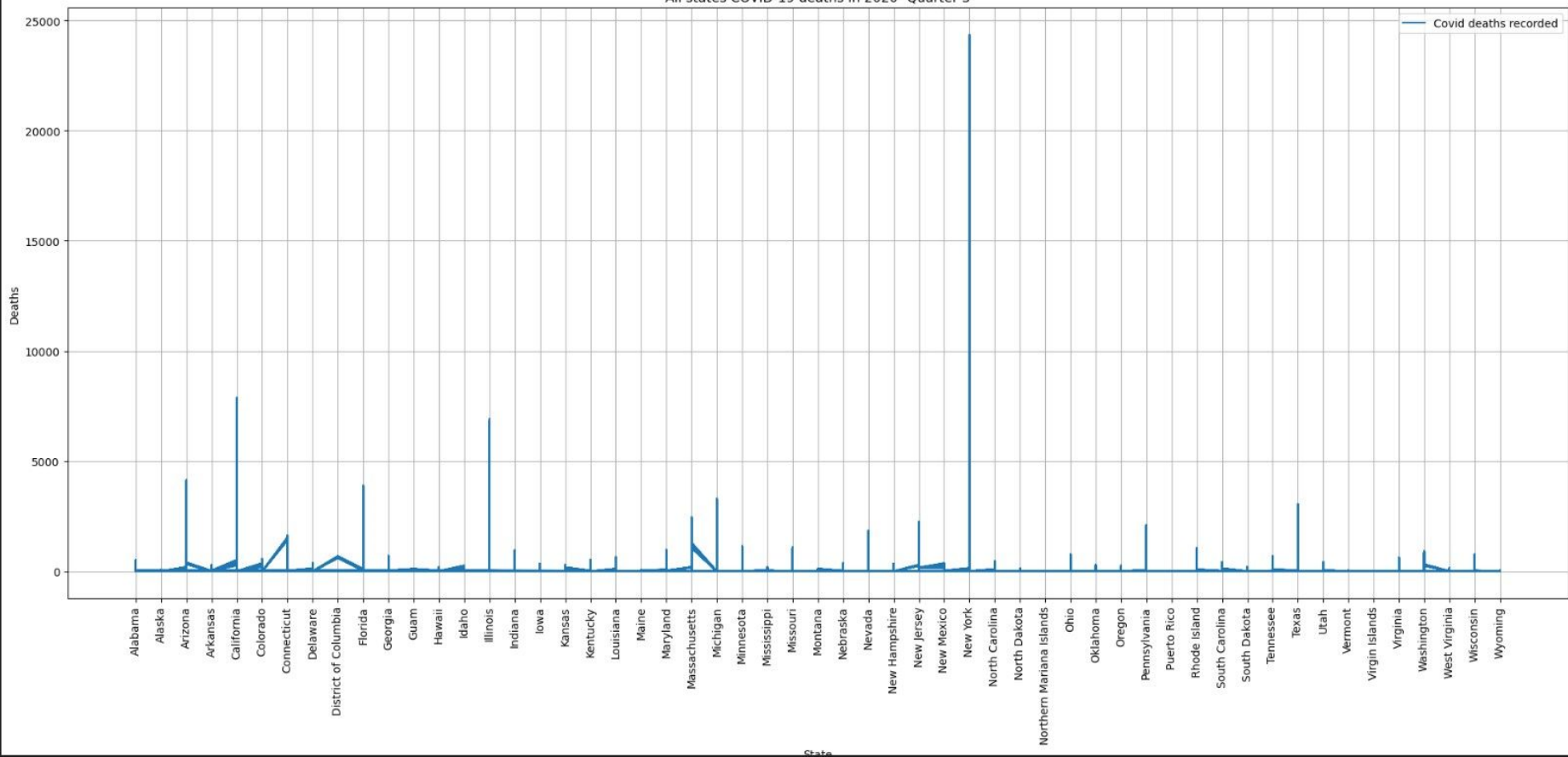




All states COVID-19 Cases in 2020- Quarter 3



All states COVID-19 deaths in 2020- Quarter 3



Things got better with time, but not out of the woods yet.



Search by Country, Territory, or Area



Overview

Measures

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In **United States of America**, from **3 January 2020** to **1:56pm CEST, 2 August 2023**, there have been **103,436,829 confirmed cases** of COVID-19 with **1,127,152 deaths**, reported to WHO. As of **1 June 2023**, a total of **668,882,018 vaccine doses** have been administered.

United States of America Situation

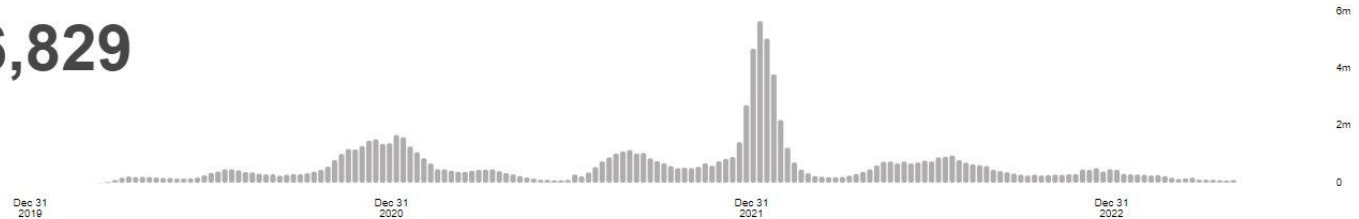


Daily

Weekly

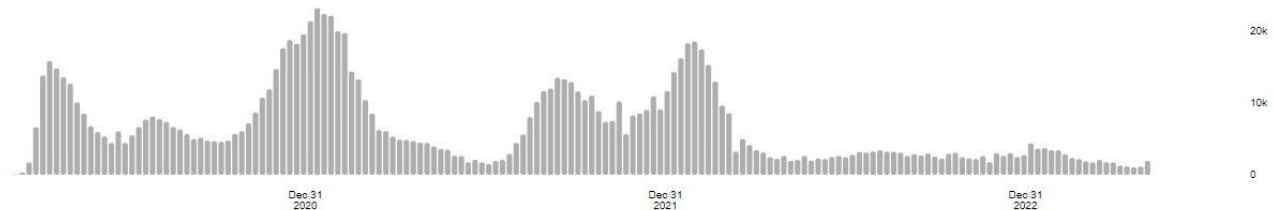
103,436,829

confirmed cases



1,127,152

deaths



Source: World Health Organization

Data may be incomplete for the current day or week.

THANK YOU

No QUESTIONS Josh thank you

