

2871697

Cumulative Total Cases

51662

Cumulative Total Deaths

Saturday, October 30, 2021

423

Day with most deaths

Saturday, September 11, 2021

26208

Day with most cases

Saturday, April 17, 2021

203748

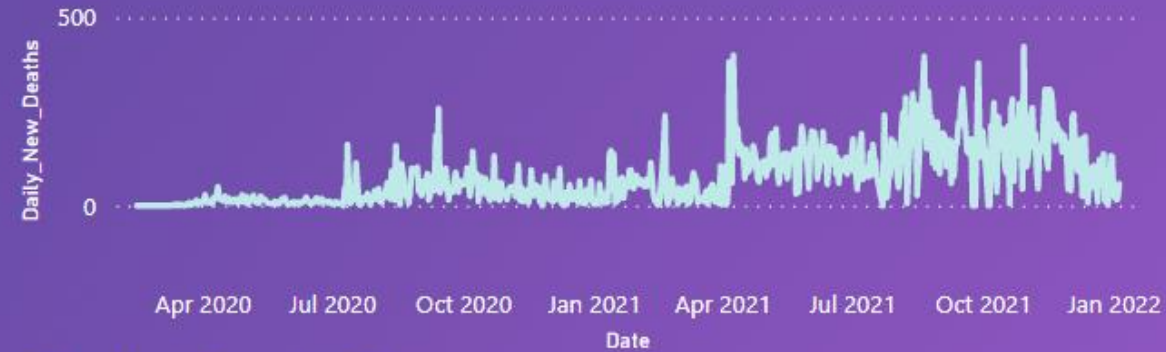
Day with most active cases

### Daily\_New\_Deaths, Daily\_New\_Cases and Active\_Cases by Year and Month

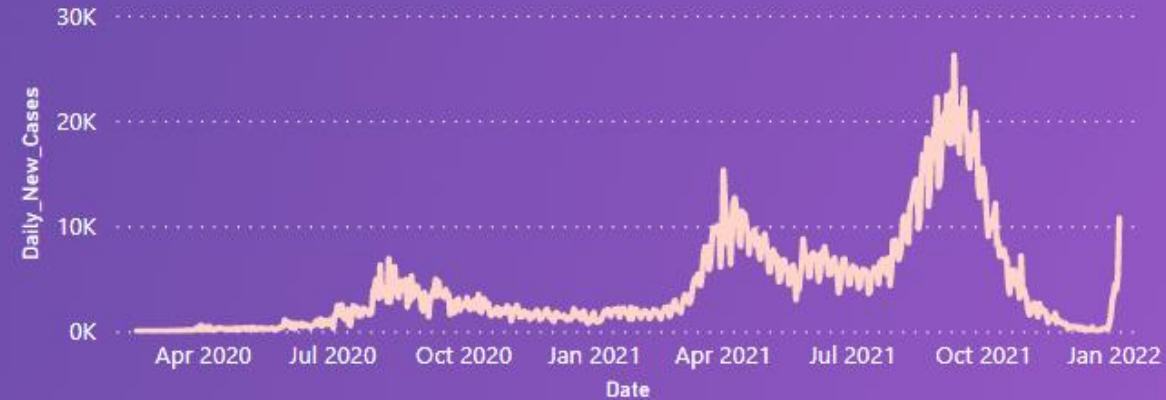
● Daily\_New\_Deaths ● Daily\_New\_Cases ● Active\_Cases



### Daily\_New\_Deaths by Date



### Daily\_New\_Cases by Date



### Active\_Cases by Date



Using the Power BI software, the graphs were produced by selecting my desired chart format, in this case, the line graph. The line graph was chosen to show the development or progress of the number of people who were affected and have died due to Covid-19 during the period of the pandemic. The labels that were chosen to be presented using a line graph are the daily new deaths, daily new cases, and active cases because they represent well the changes and trends of the infected and deaths along the period. While the cumulative total cases and cumulative total deaths were chosen to be displayed in a card as they don't provide that much information when using a line graph. The best use for them is to show the total number of individuals affected and who have died. This was done by choosing the maximum value in each respective label.

All the charts have shown a significant increase from 2020 to 2021. And from those charts, I have extracted the maximum value per graph using a multiline card as it best suits the information I need to show. I have then combined the full date and the corresponding label that I have adjusted to show the maximum value only. To pick the date of when that maximum value has occurred, I utilized the filter functionality of the date that was possible with the software of Power BI. I set the setting to display only the date of the top 1 value by providing the label to the date filter. As a result, it is easier to read interpret the data. We can see that the consecutive months of October and September 2021 have had the most recorded deaths and recorded new cases, respectively. This can be due to the season especially recalling that the people have started to be more lenient during these times because of the presence of the vaccine and with the government relaxing some quarantine protocols in the major cities. It is also significant to know that in each year of 2020 and 2021, despite the massive gap of many infected people, we can see the similarity of an increasing trend of the infected between April to October and then eventually decreasing in the later months of December to January.