

Covid-19 World Vaccination Progress Analysis

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ADVANCE*

BEFORE WE GO

Here is the tableau dashboard link:

https://public.tableau.com/views/COVID-19WorldVaccinationProgressAnalysis/Dashboard2?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Covid-19?

Coronavirus disease (COVID-19) is an infectious disease caused by the SARS-CoV-2 virus.

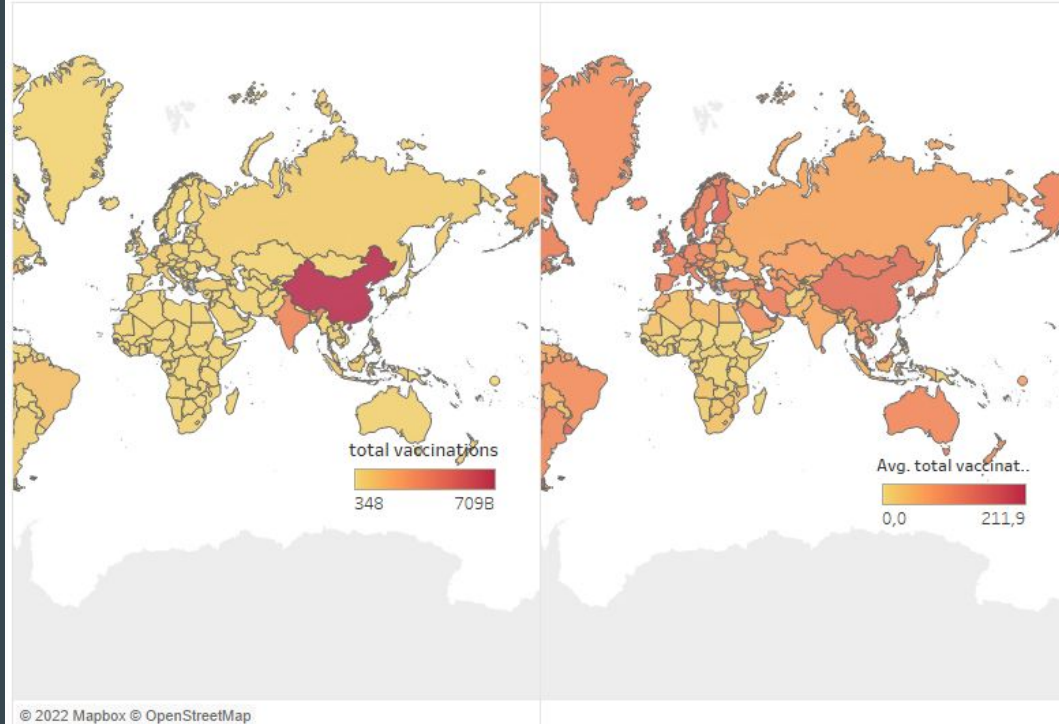
Most people infected with the virus will experience mild to moderate respiratory illness and recover without requiring special treatment. However, some will become seriously ill and require medical attention. Older people and those with underlying medical conditions like cardiovascular disease, diabetes, chronic respiratory disease, or cancer are more likely to develop serious illness. Anyone can get sick with COVID-19 and become seriously ill or die at any age.

Vaccinations

Currently, to prevent the re-infection of Covid-19, the world government provides vaccination facilities for the world community.

In the following, an analysis of the progress of the Covid-19 vaccination in the world will be carried out

Total Vaccinations Vs Avg Ratio Vaccination



The distribution of vaccinations throughout the world is evenly distributed, the number of vaccinations carried out is in China, then the largest average ratio of vaccinations is in China and like on the American continent which has carried out quite massive vaccines can be seen from the map on the right with a thick color density marking that vaccinations have been carried out in large numbers

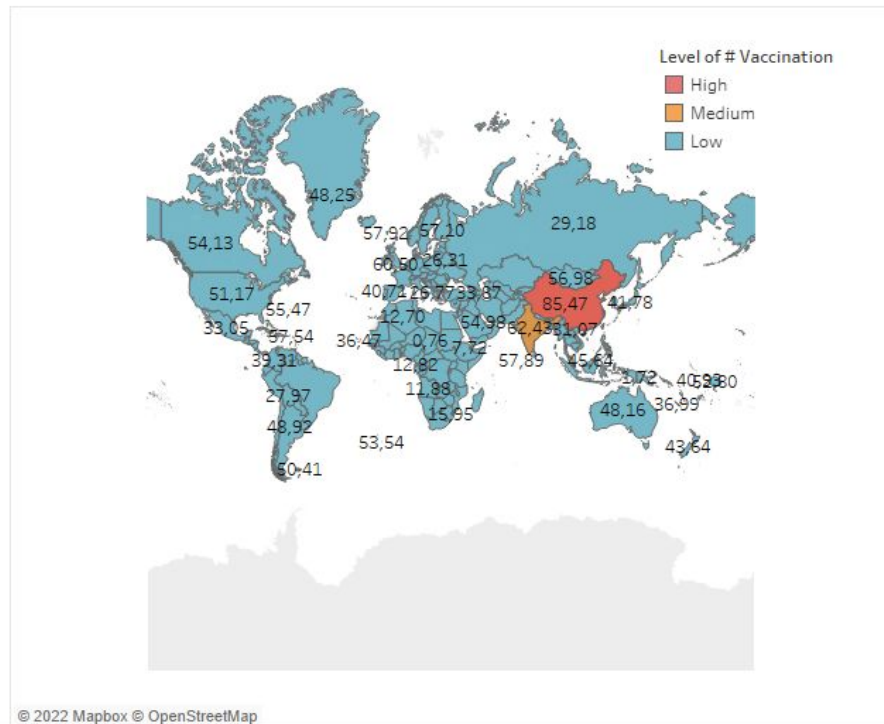
Recorded from Dec 2020 - Mar 2022
 Vaccinations have been carried out as many as 2 trillion with the number of people who have been fully vaccinated with a total of 548 billion with a population in 2021 recorded at 84 billion.

From the map below, you can see the level of vaccination marked by red, which means the ratio of the number vaccinated per population at the given time period is high, yellow is medium, and blue means it is still low.

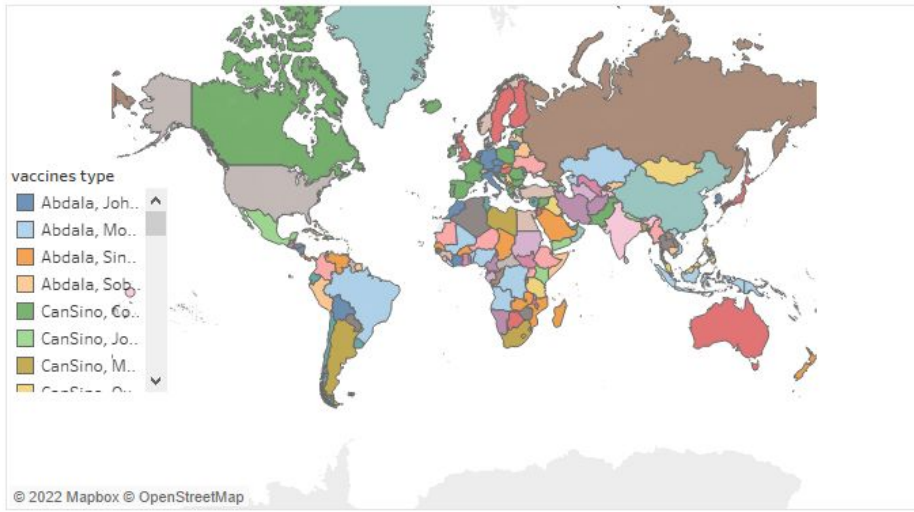
Summary/Scorecard

2021 population	people_fully_vaccinated	total_vaccinations
84.767.584.144	548.594.310.708	2.002.854.013.761

Level of Vaccinations



Area type of Vac used



CanSino, Sinopharm/Beijing,
Sinopharm/Wuhan, Sinovac, ZF2001
China
709.452.663.700

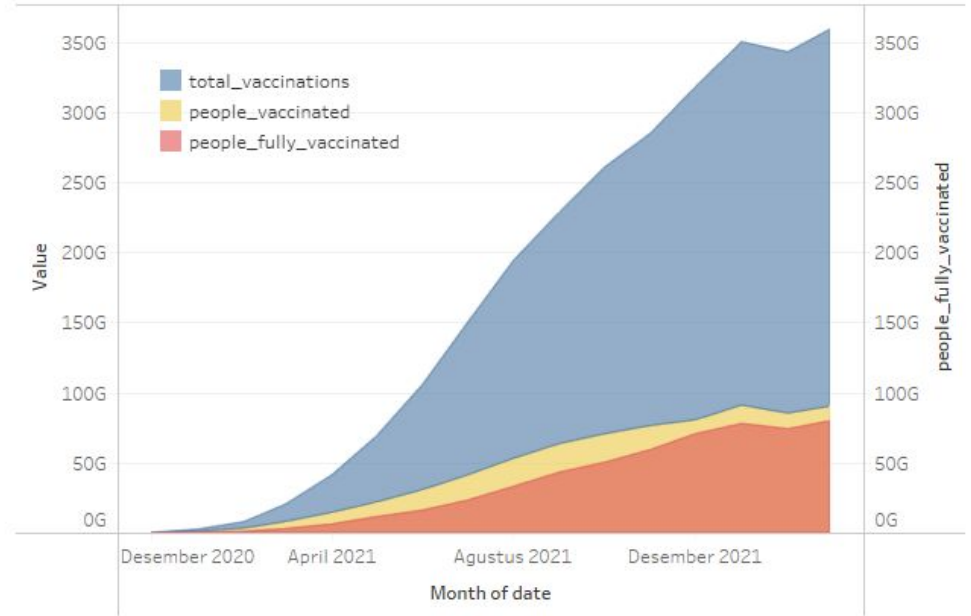
Covaxin,
Oxford/AstraZeneca,
Sputnik V
India
323.440.305.798

Johnson&Johnson,
Moderna,
Pfizer/BioNTech
United States

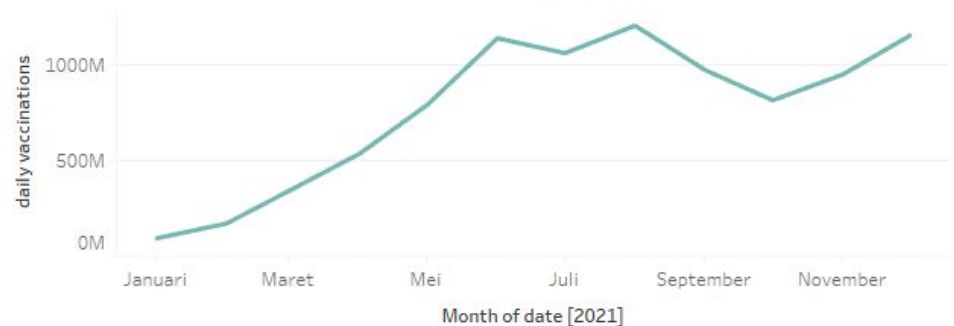
From this map we can see the distribution of the types of vaccines used in each country. On the treemap we can see that the most used types of vaccines are CanSino, Sinopharm/Beijing, Sinopharm/Wuhan, Sinovac, and ZF2001 in China with a total of 709 billion vaccinations used.

From this chart we see that the total number of people who have been fully vaccinated (red) is still less than the total number of people who have been vaccinated (Yellow), which indicates that there are people who have not been fully vaccinated. daily vaccination activity is still going well in 2021 can be seen on the graph which experienced a significant increase at the beginning of 2021

Area Chart Vaccinations



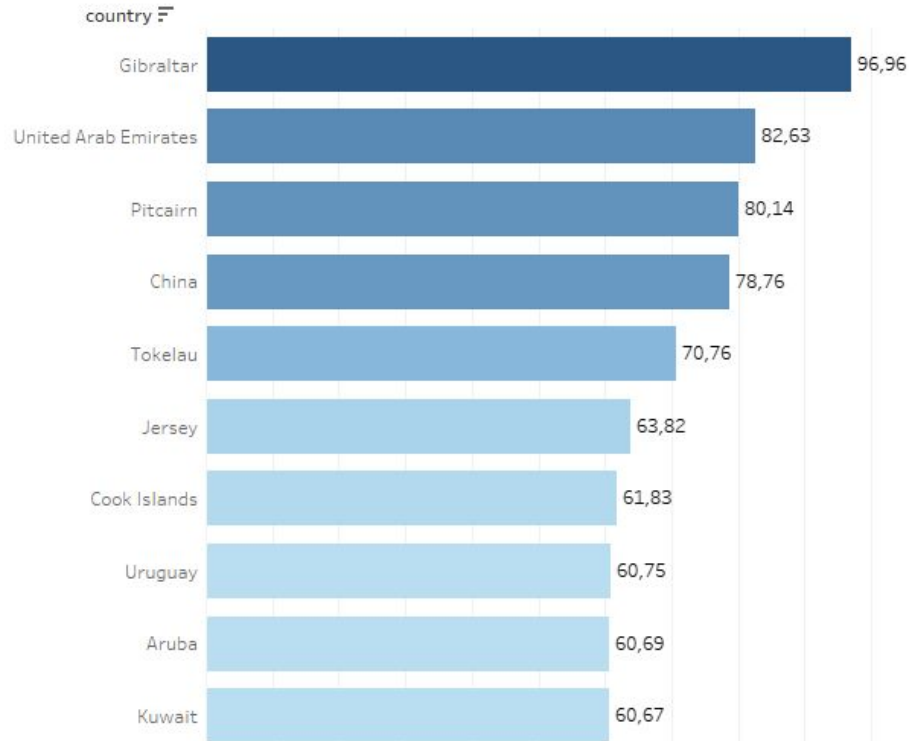
Daily Vaccinations in 2021



% of people who have full vaccines

0,7504

Top 10 Ratio of people get full vac by country



The percentage of people who have been fully vaccinated worldwide reaches a value of 75.04%. With countries occupying the top 10 positions by the number of fully vaccinated people per population in each country, namely first place Gibraltar then the United Arab Emirates and so on, where China is already in 4th position

Insight

- The largest number of vaccinations are in China
- The total vaccinations that have been carried out from Dec 2020 to Mar 2022 are 2 trillion
- The total number of complete vaccinations that have been carried out is recorded at 548 billion
- Daily vaccinations carried out increased significantly in 2021 but decreased in October 2021
- The most used types of vaccines are CanSino, Sinopharm/Beijing, Sinopharm/Wuhan, Sinovac, and ZF2001 in China with a total of 709 billion vaccinations used.

Recommendation

- For large countries such as America, China and others, it is recommended to vaccinate evenly so that more and more people get full vaccinations
- Increase daily vaccination activities in each country so that vaccination can be distributed evenly
- Increase areas that still have little vaccination, such as the African continent so that the spread of Covid-19 can be suppressed
- It is recommended to be able to increase 10% The ratio of the number of people who have been fully vaccinated in the world

THANK YOU.....