

COVID-19 DATA ANALYSIS IN THE PHILIPPINES

Background of the study

Record Count

81,230

total_deaths

1,621,000,003

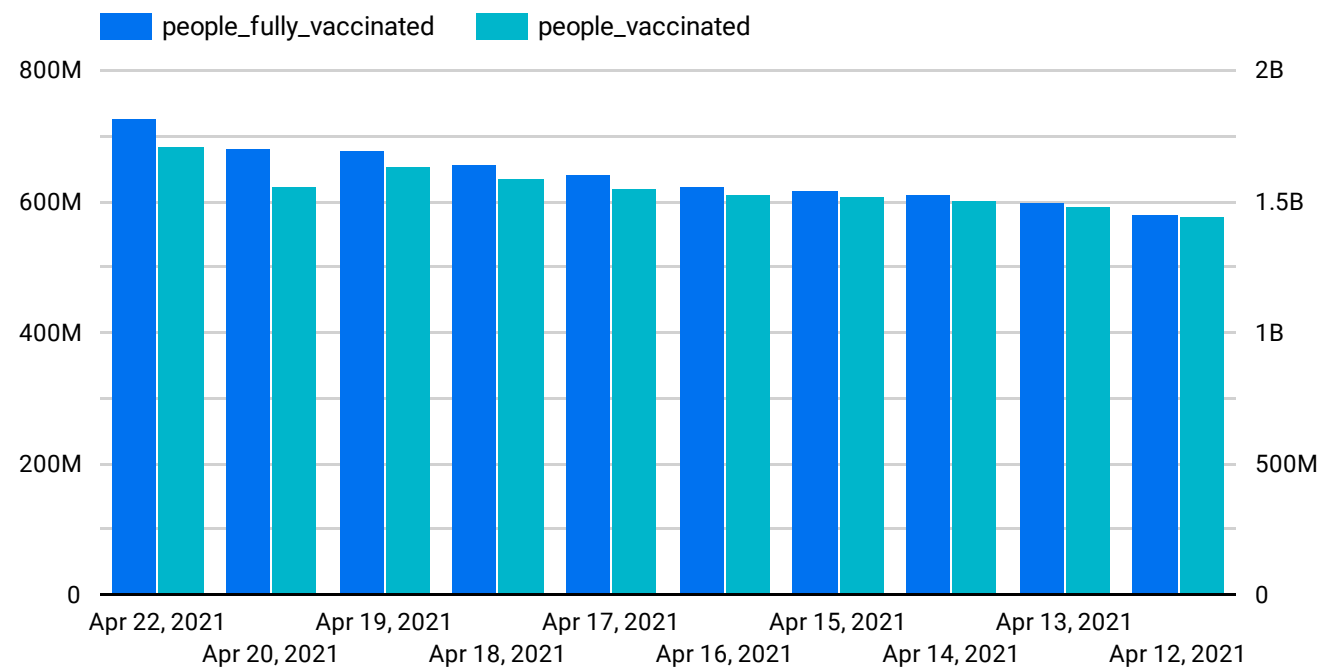
new_cases

464,477,658

new_vaccinations

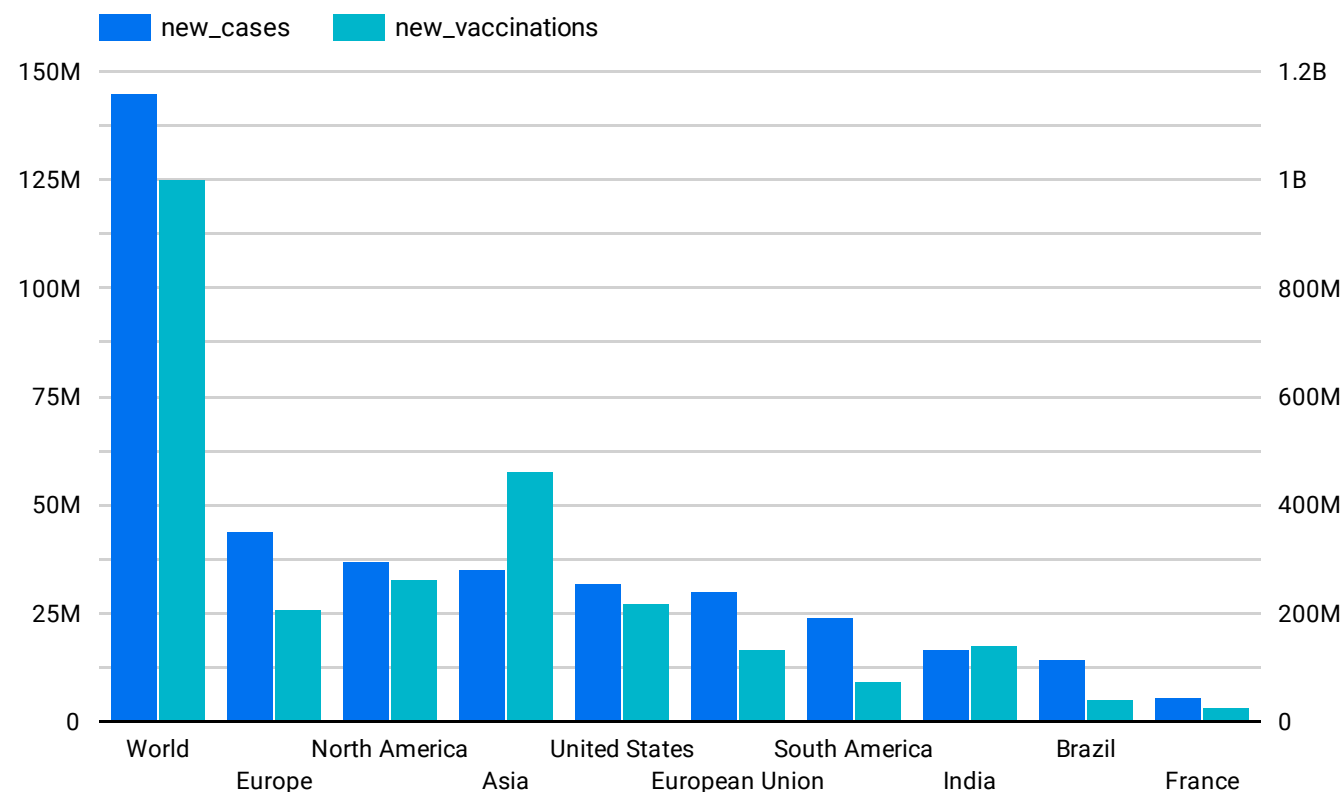
4,505,844,095

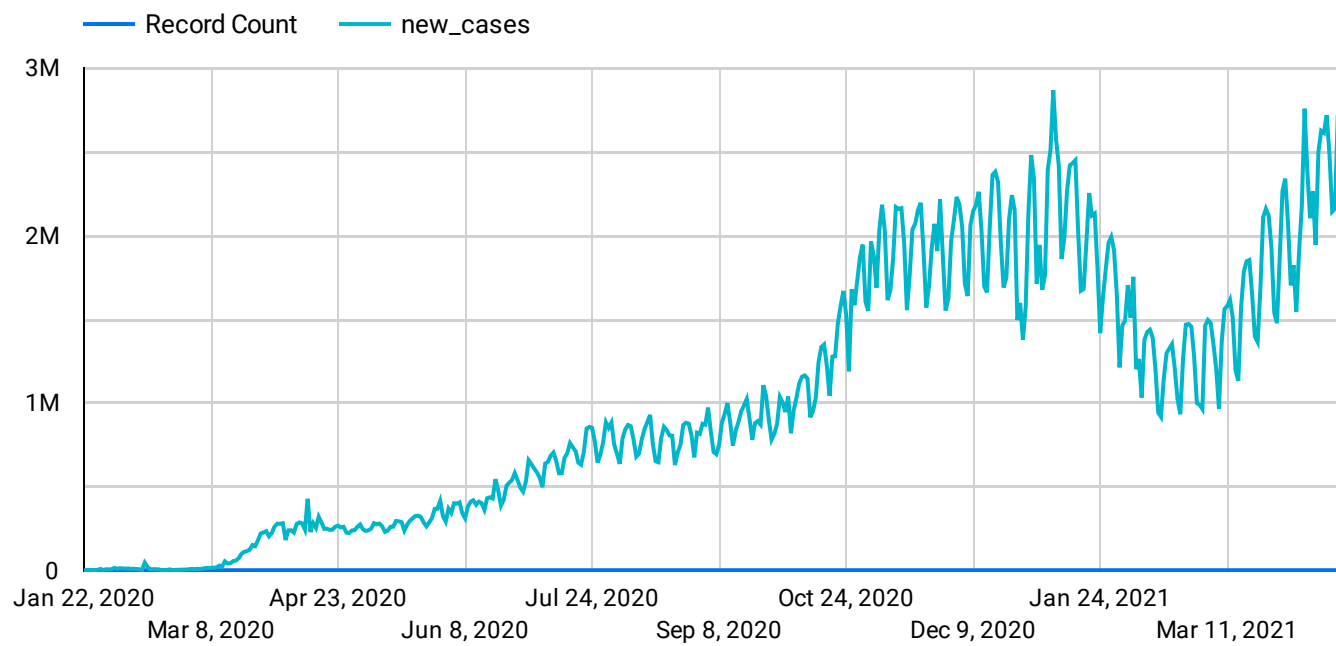
Result of Data Analysis:



The graph depicts the number of people vaccinated and fully vaccinated for COVID-19 over a series of dates. The analysis shows a steady number of people getting vaccinated, with an increasing trend in those becoming fully vaccinated. This indicates consistent vaccination efforts and suggests that as vaccines become more available, more individuals are completing their vaccination regimen. The conclusion is that vaccination campaigns are progressing, and we can expect the numbers of vaccinated and fully vaccinated individuals to rise as the vaccine rollout continues.

The graph compares new COVID-19 cases to new vaccinations in the Philippines. The blue bar, representing new cases, is significantly lower than the green bar, which indicates new vaccinations. This suggests that vaccination efforts are robust, with the number of vaccinations far exceeding new cases. The conclusion is that the vaccination campaign is effectively outpacing the spread of the virus, which is a positive sign in the fight against COVID-19. However, it's important to continue monitoring the situation and ensure vaccination rates remain high to control the pandemic effectively.





The data suggests that there was a controlled number of new cases initially, followed by a surge from October to February. The peak in February likely prompted interventions or changes in conditions that led to a reduction in new cases.

Recommendation:

I recommend the implementation of a comprehensive COVID-19 vaccination management system in every city within Manila, incorporating both an application and strategically placed mini devices. This system should provide real-time information on vaccine availability, offer a user-friendly booking interface, prioritize vulnerable groups, incorporate an efficient notification system, and collect data for informed decision-making. By streamlining the vaccination process, enhancing accessibility, and leveraging data-driven approaches, we can ensure equitable vaccine distribution and effectively combat the pandemic, protecting the health and well-being of all residents in Manila.