

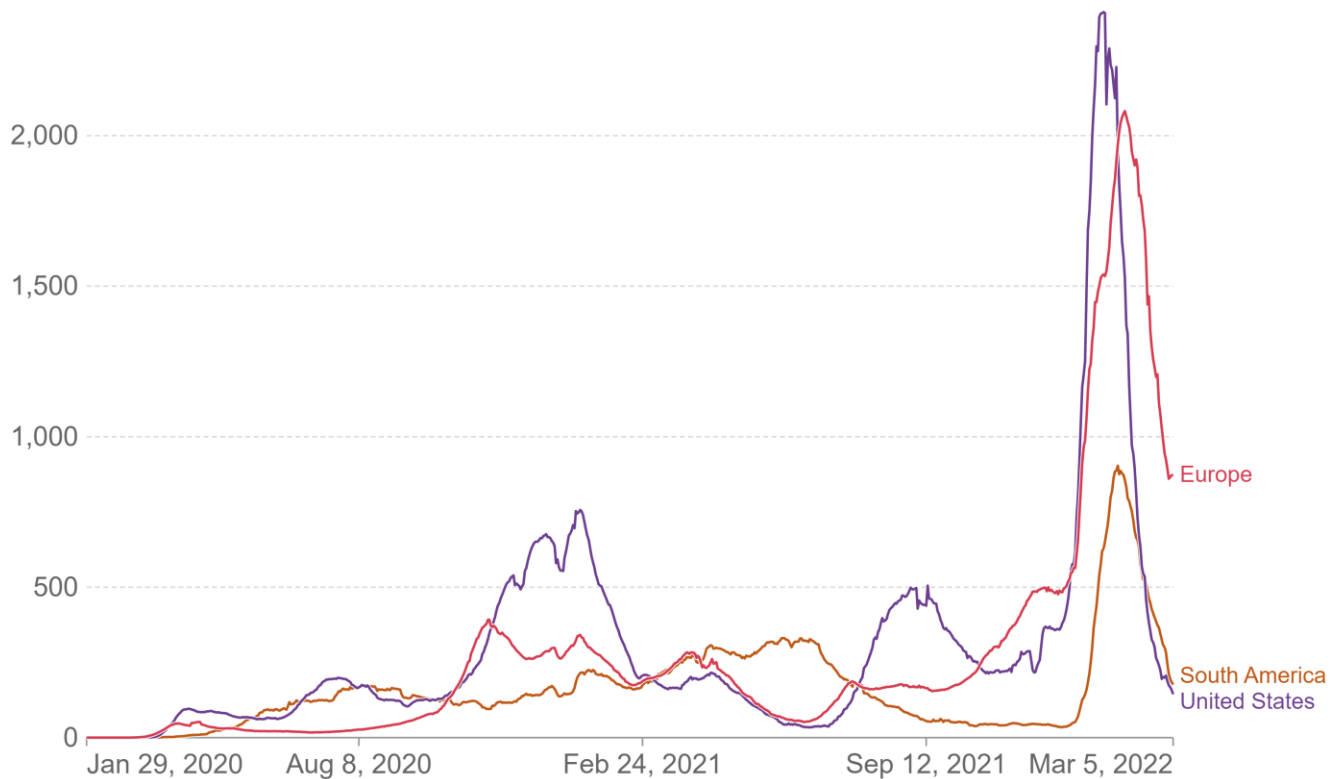
# COVID-19 Update

Dr Mark Cunningham-Hill  
Medical Director, NEBGH

Monday, March 7, 2022

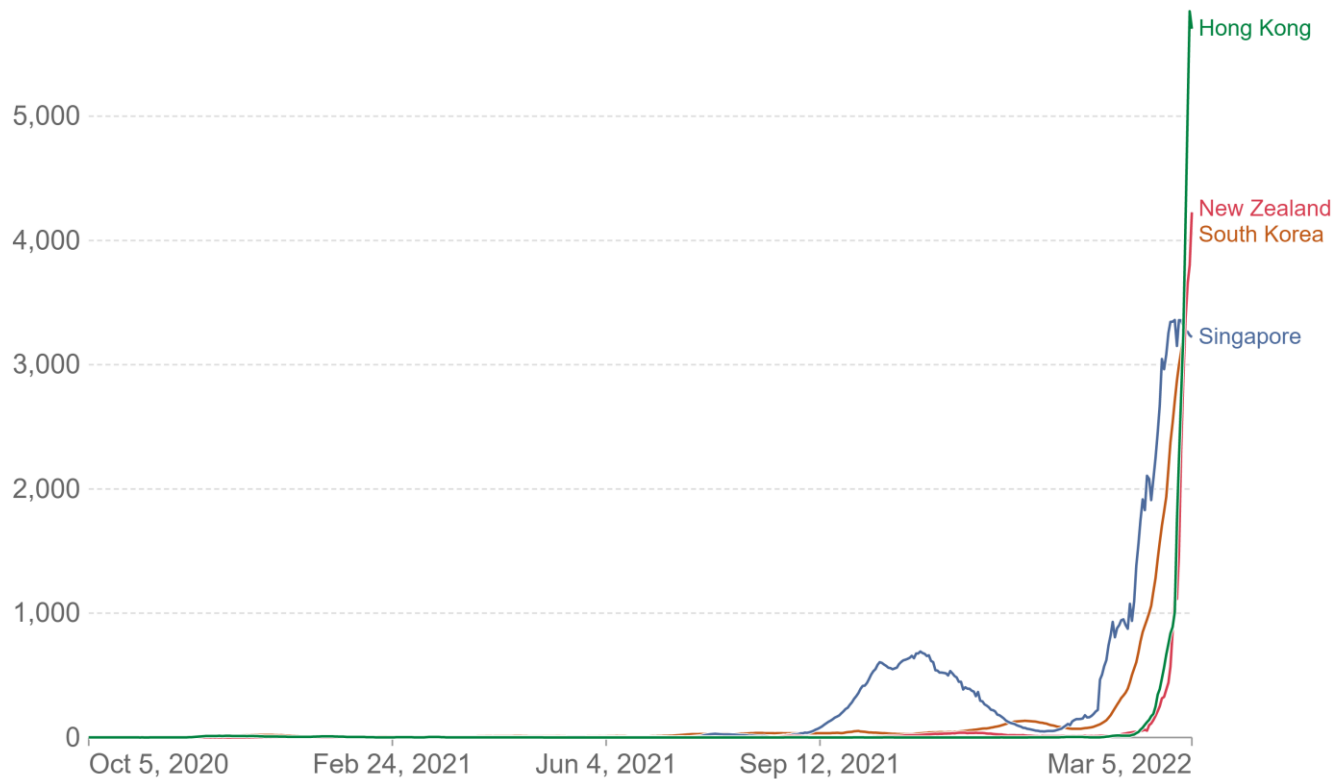
# Daily new confirmed COVID-19 cases per million people

7-day rolling average. Due to limited testing, the number of confirmed cases is lower than the true number of infections.



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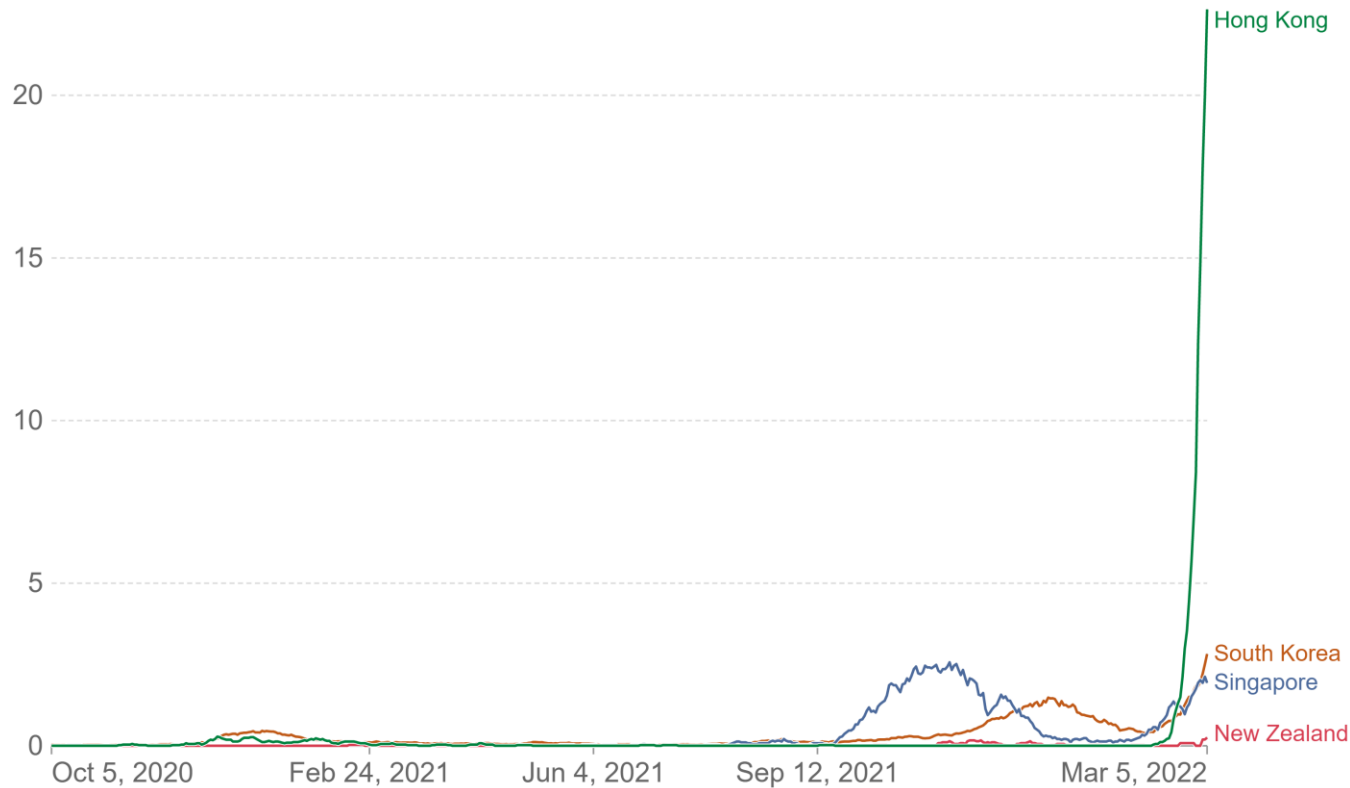


Source: Johns Hopkins University CSSE COVID-19 Data

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# Daily new confirmed COVID-19 deaths per million people

7-day rolling average. For some countries the number of confirmed deaths is much lower than the true number of deaths. This is because of limited testing and challenges in the attribution of the cause of death.



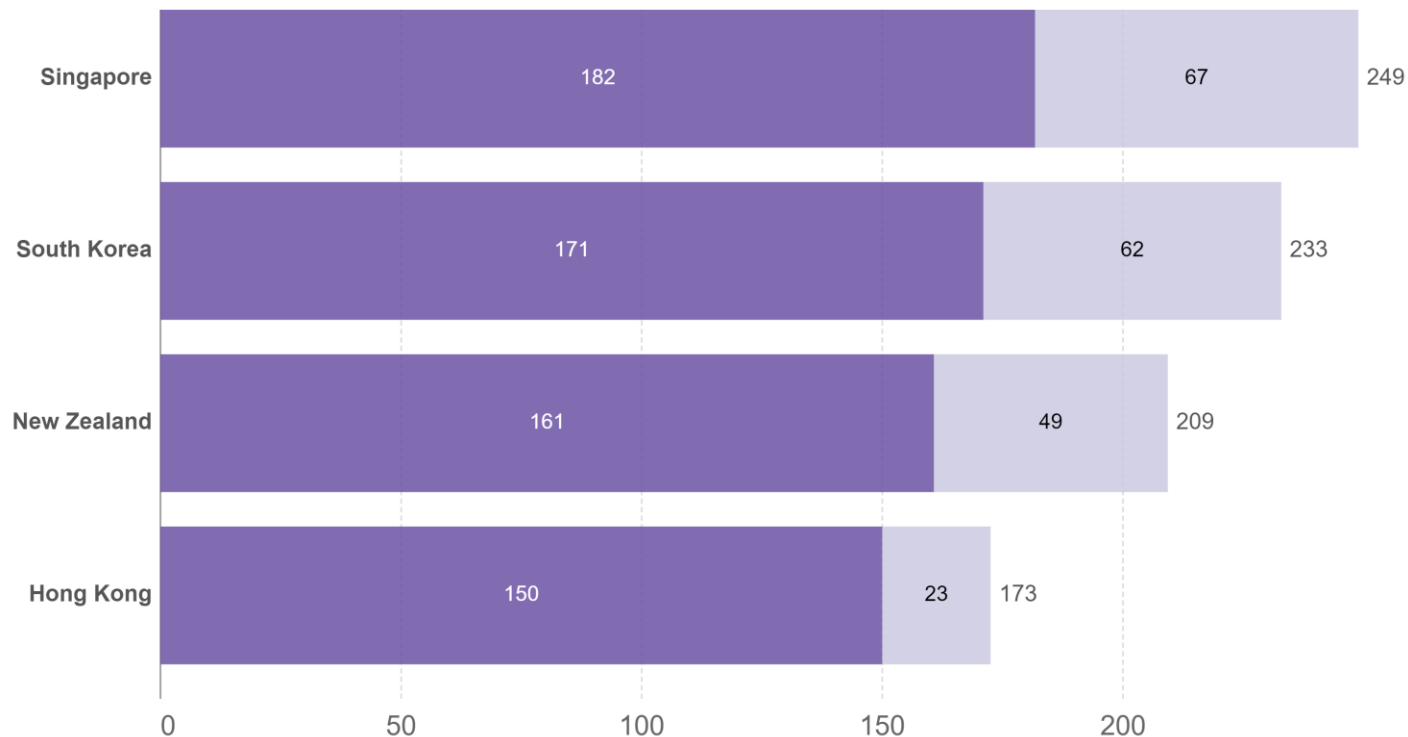
So, what is happening in Hong Kong?



## COVID-19 vaccine initial doses and boosters per 100 people, Mar 5, 2022

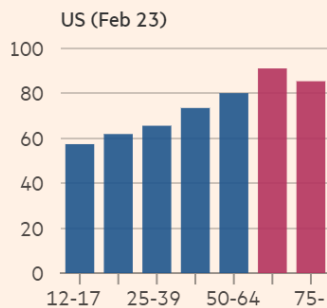
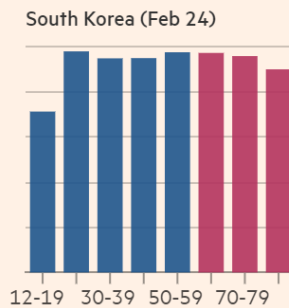
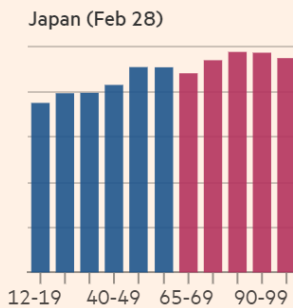
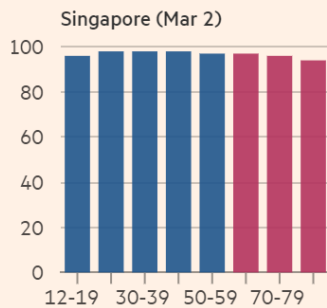
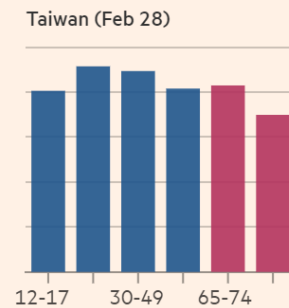
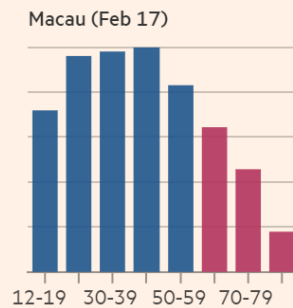
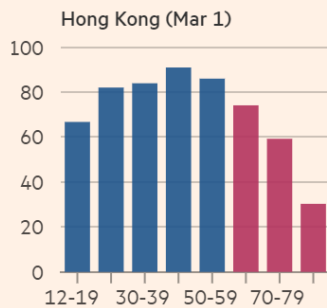
Total number of doses administered, broken down by whether they are part of the initial protocol or booster doses, divided by the total population of the country.

Initial protocol doses    Booster doses



Source: Official data collated by Our World in Data

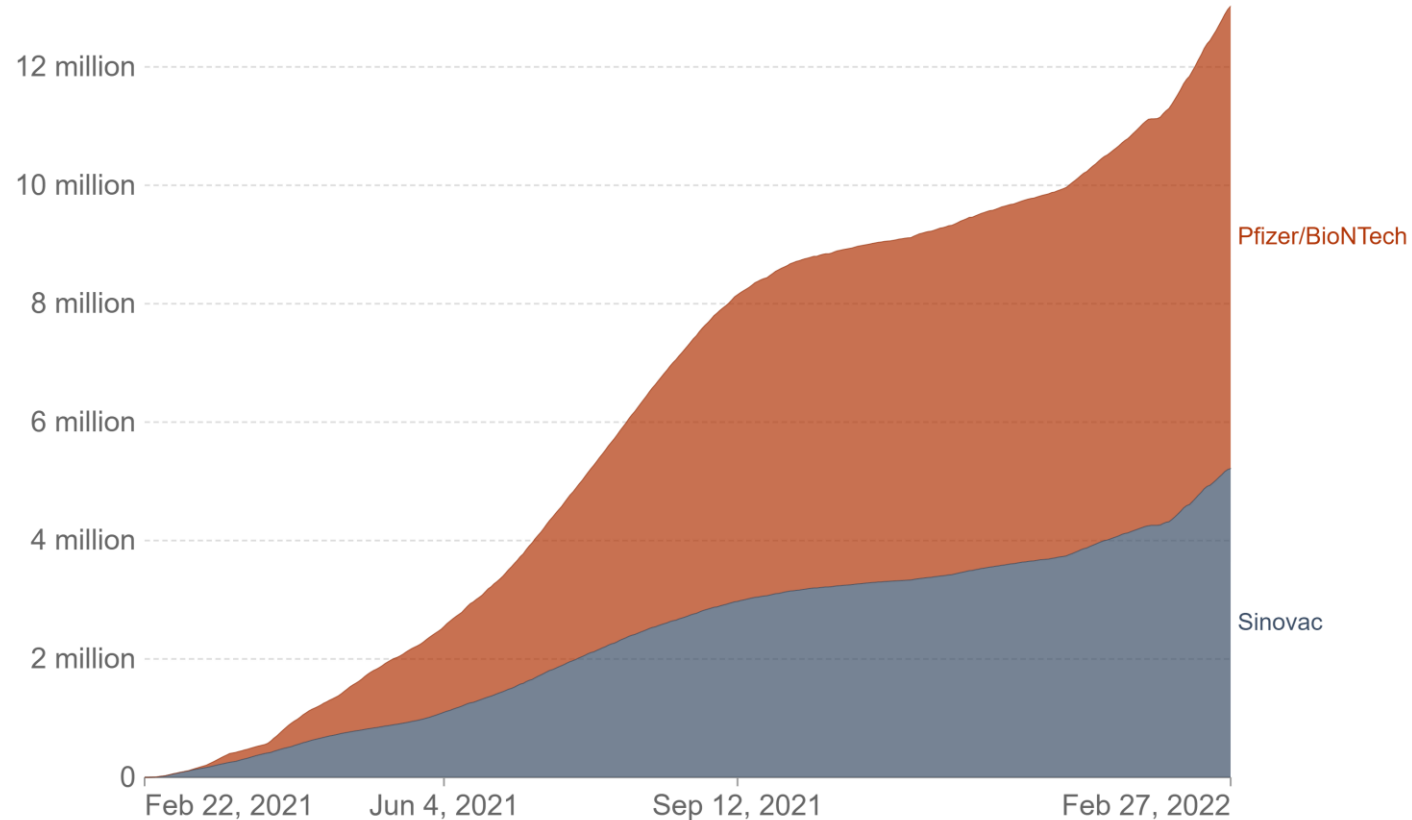
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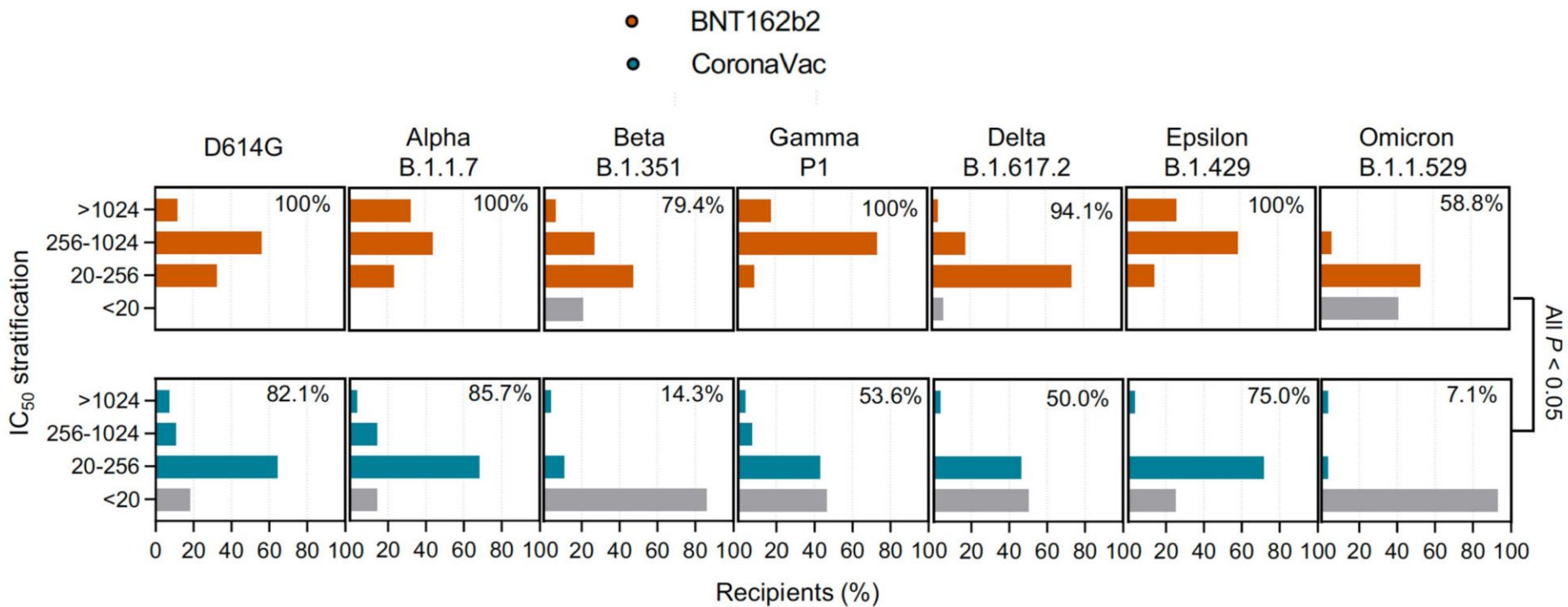
Share of people with at least two doses by age group (%)

# COVID-19 vaccine doses administered by manufacturer, Hong Kong

For vaccines that require multiple doses, each individual dose is counted. As the same person may receive more than one dose, the number of doses can be higher than the number of people in the population.

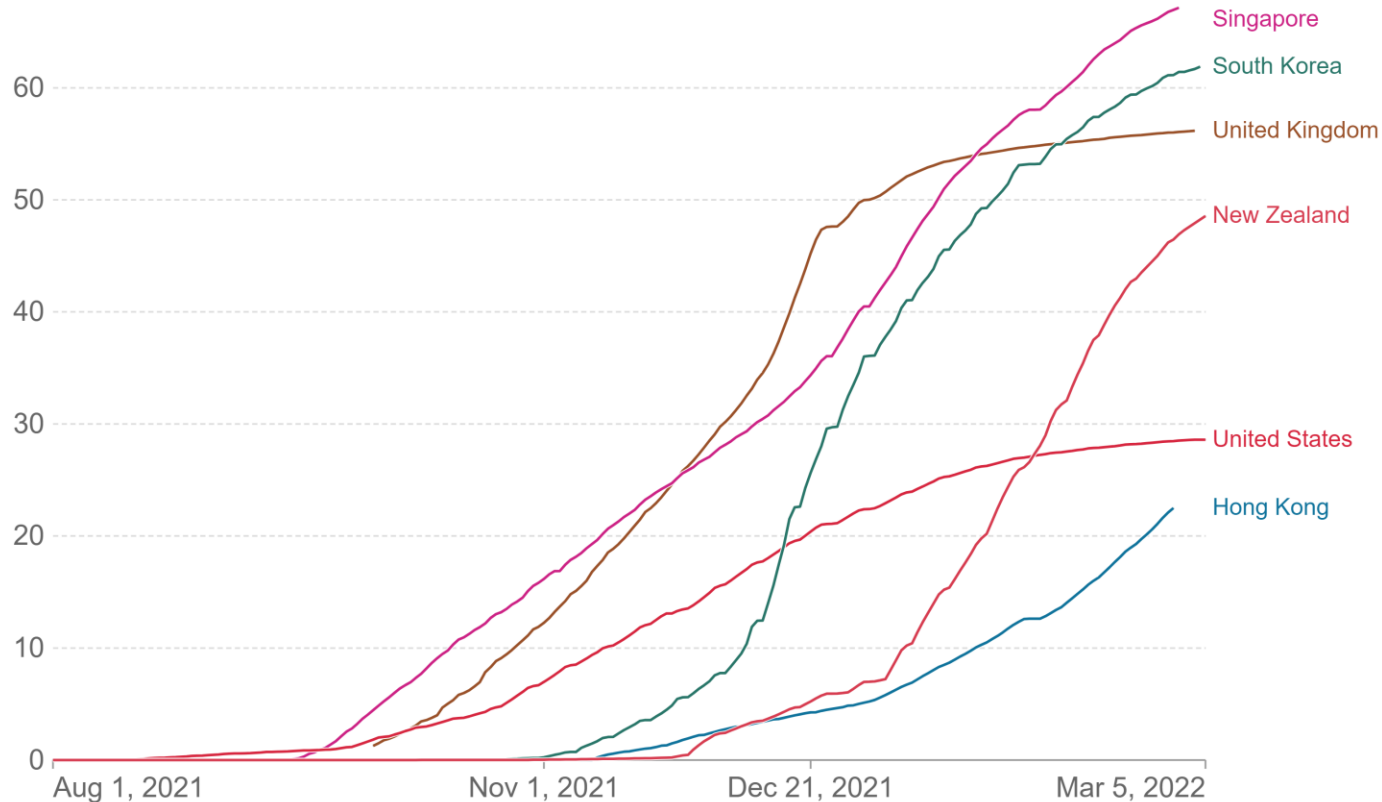






# COVID-19 vaccine boosters administered per 100 people

Total number of vaccine booster doses administered, divided by the total population of the country. Booster doses are doses administered beyond those prescribed by the original vaccination protocol.

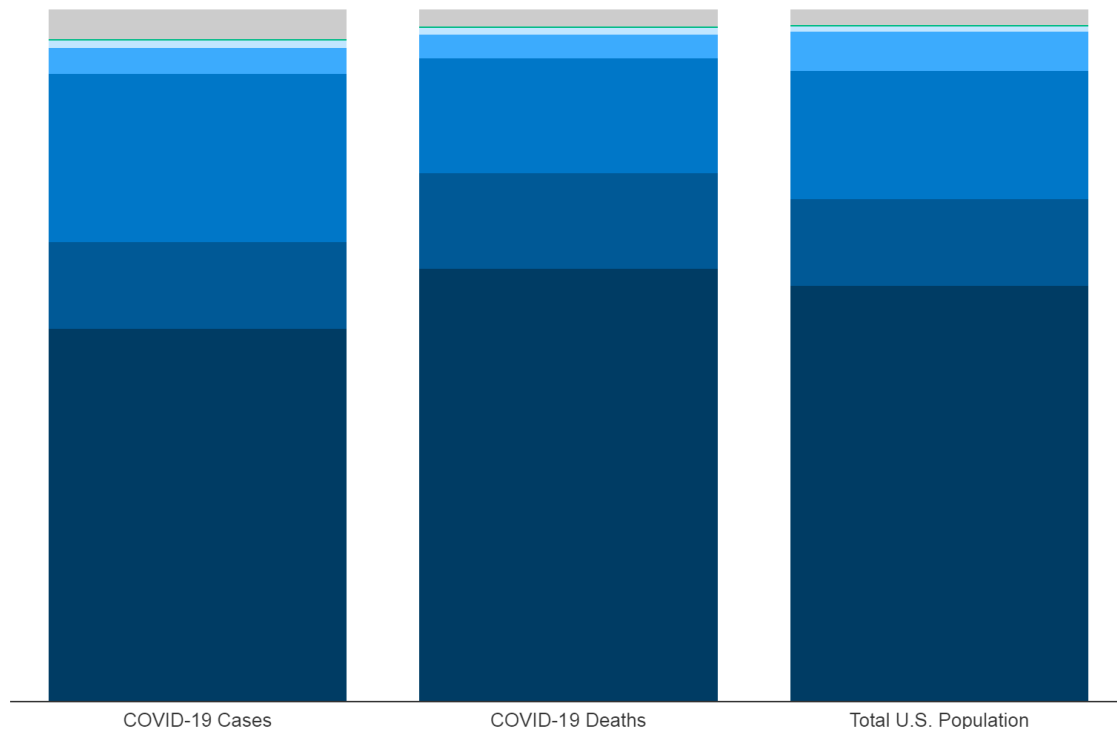


# COVID, Race and Equity



# COVID-19 Cases, Deaths, and Total Population, as of February 15, 2022

White Black Hispanic Asian AIAN NHOPi Other



NOTE: Totals may not sum to 100 due to rounding. AIAN refers to American Indian or Alaska Native. NHOPi refers to Native Hawaiian or Other Pacific Islander. Persons of Hispanic origin may be of any race but are categorized as Hispanic; other groups are non-Hispanic. Other race includes multiple race individuals.

SOURCE: [Demographic Trends of COVID-19 cases and deaths in the US reported to CDC, data as of February 15, 2022.](#) • PNG

## Hispanic people:

- Greater share of cases vs. their share of the total population (24% vs. 18%)
- Share of deaths is more proportionate to their share of the population (17% vs. 18%)
- Disparity decreased slightly over time.

## Black people:

- Similar share of cases relative to their share of the population (13%)
- Slightly higher share of deaths compared to their population share (14% vs. 13%)
- This pattern has been consistent since October 2021.

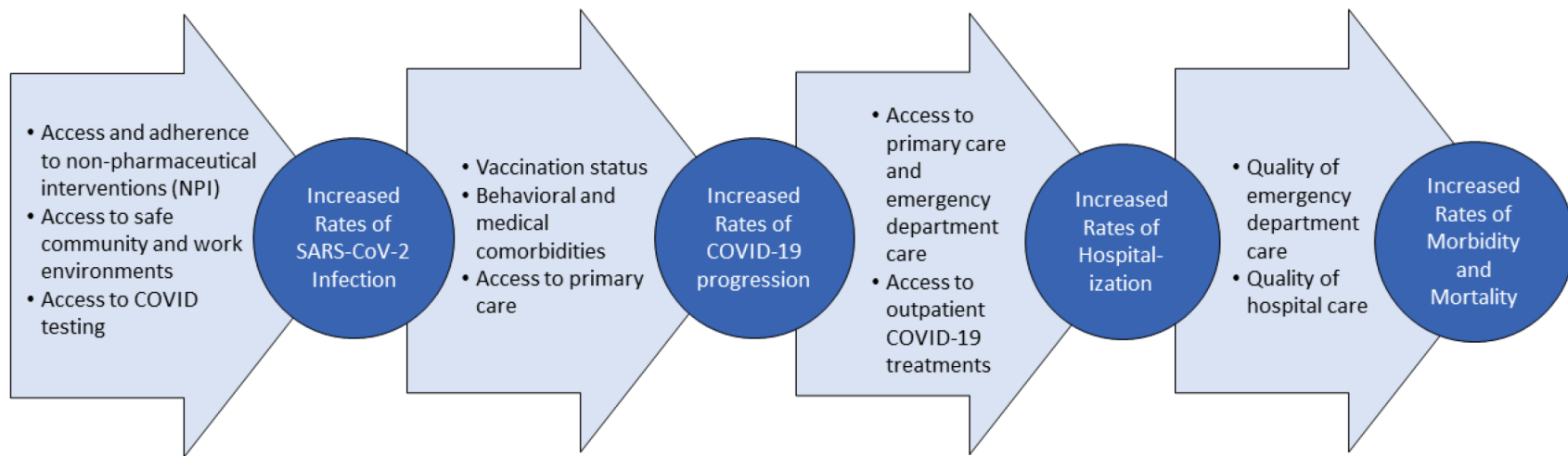
## White people:

- Lower share of cases compared to their share of the population (54% vs. 60%)
- Larger share of deaths compared to their population share (63% vs. 60%).
- The higher share of deaths relative to their share of the population reflects a shift from October 2021 - Omicron surge

## Asian people:

- Asian people make up a lower share of cases and deaths compared to their population share (4% and 3%, respectively, vs. 6%).

# Structural Racism and Increased Black COVID-19 Hospitalization



## Structural Factors

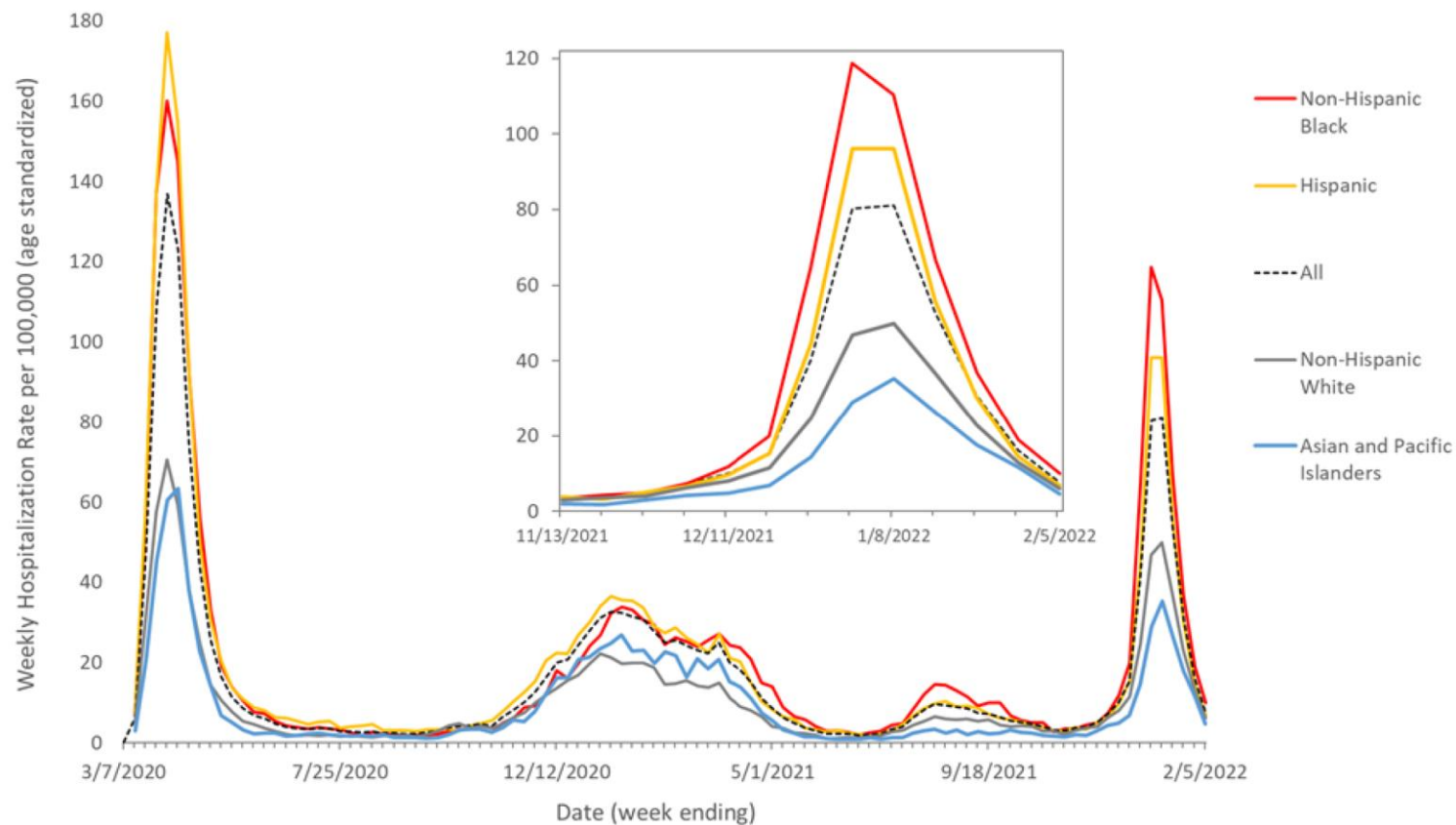
- Racial wealth gap
- Mass incarceration
- Limited workers rights
- Immigration status
- Educational inequities
- Intersectional discrimination (sexism, transphobia, homophobia)

## Environmental Factors

- Segregated housing
- Multigenerational housing
- Congregate housing
- Essential worker status
- Food deserts

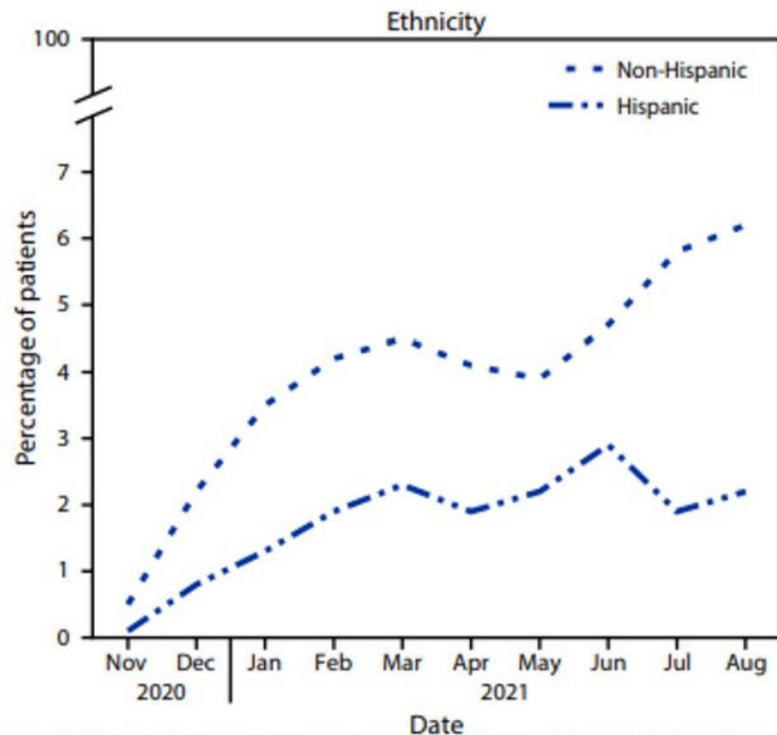
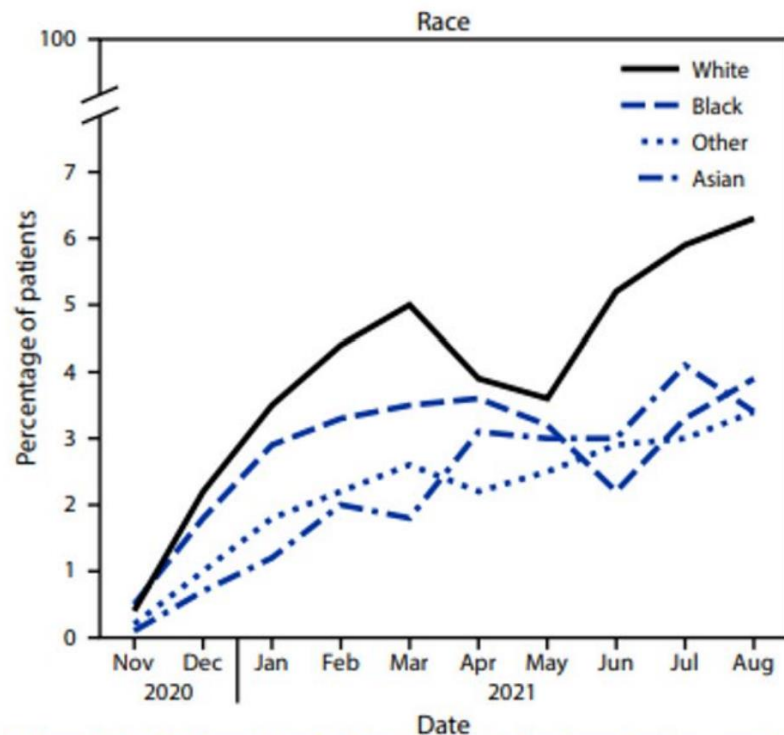
## Proximal Factors

- Inadequate health insurance
- Healthcare segregation
- Anti-Blackness in health care institutions
- Weathering effects of racism
- Inadequate collection and monitoring of race data





**FIGURE. Monthly\* percentage of COVID-19 patients (n = 805,276) receiving monoclonal antibody treatment,<sup>†</sup> by race<sup>§</sup> and ethnicity<sup>¶</sup> — 41 health care systems in the National Patient-Centered Clinical Research Network — United States, November 2020–August 2021**



[Racial and Ethnic Disparities in Receipt of Medications for Treatment of COVID-19 — United States, March 2020–August 2021 | MMWR \(cdc.gov\)](https://www.cdc.gov/mmwr/rr/2021/08/r50e01a.htm)

# Getting to and Sustaining the Next Normal A Roadmap for Living with COVID

March 2022



<https://www.covidroadmap.org/roadmap>





The background of the slide features several large, detailed, purple virus particles, likely representing the COVID-19 virus, scattered across the frame. The particles have a spherical shape with numerous protruding spike proteins. The overall color scheme is a deep purple with some lighter, hazy areas, giving it a scientific and somewhat somber feel.

# Questions

## Upcoming NEBGH virtual events:

- **Mar. 14** – Dr. Mark's Weekly COVID-19 Update
- **Mar. 15** – Tele-behavioral Health for Employees: Where Do We Go From Here?
- **Mar. 22** - Prevention and Support for Substance Use Struggles
- **June 16** - Benefits Leadership for a Changing World: Accept the Challenge!