

COVID-19 Update

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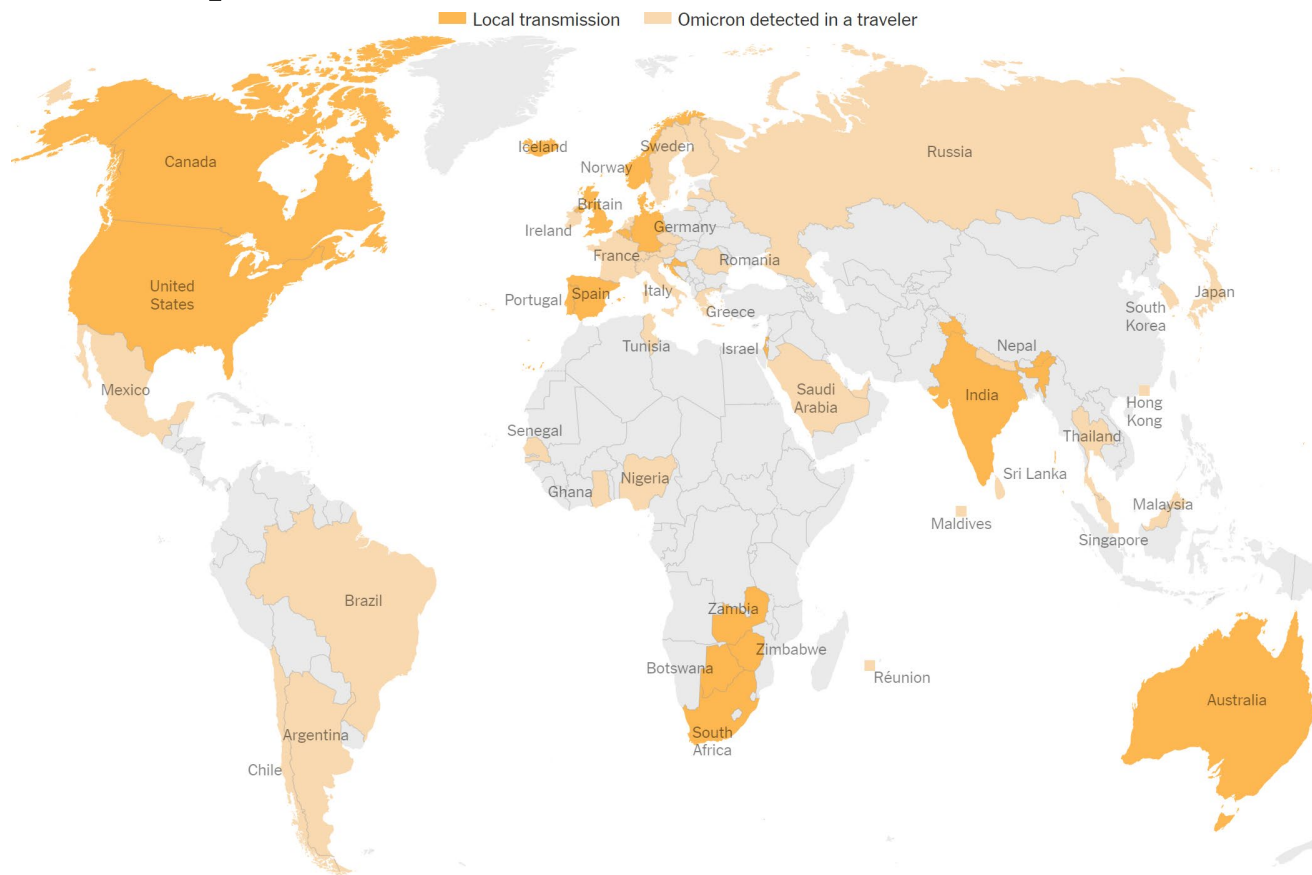
Monday, December 6th 2021

NYC Vaccine Mandate

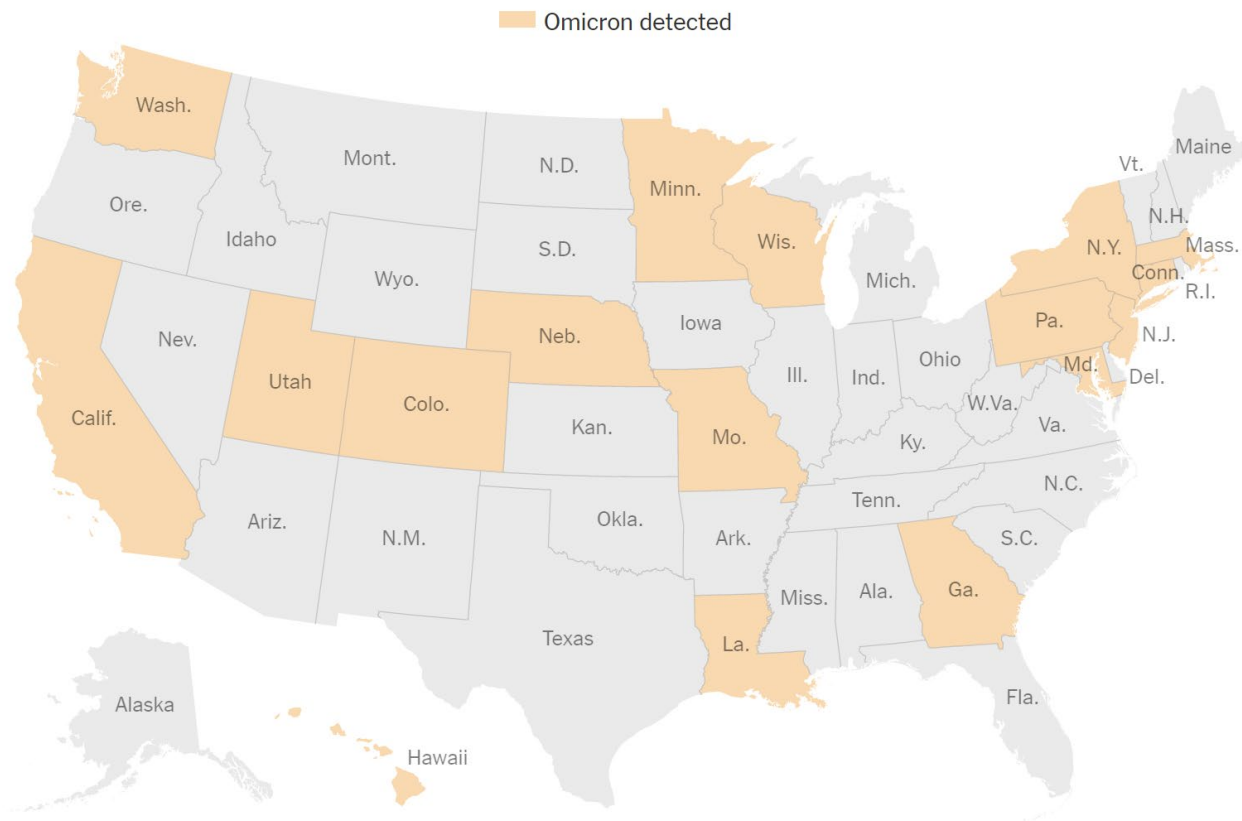


- Vaccine mandate for all employees working in NYC – December 27th
- Weekly testing option
- Details to be announced Dec 15th
- Indoor dining
 - children ages 5 to 11, who must have one dose to enter restaurants and theaters starting on Dec. 14
 - Adults 2 doses by Dec 27th

Omicron Update

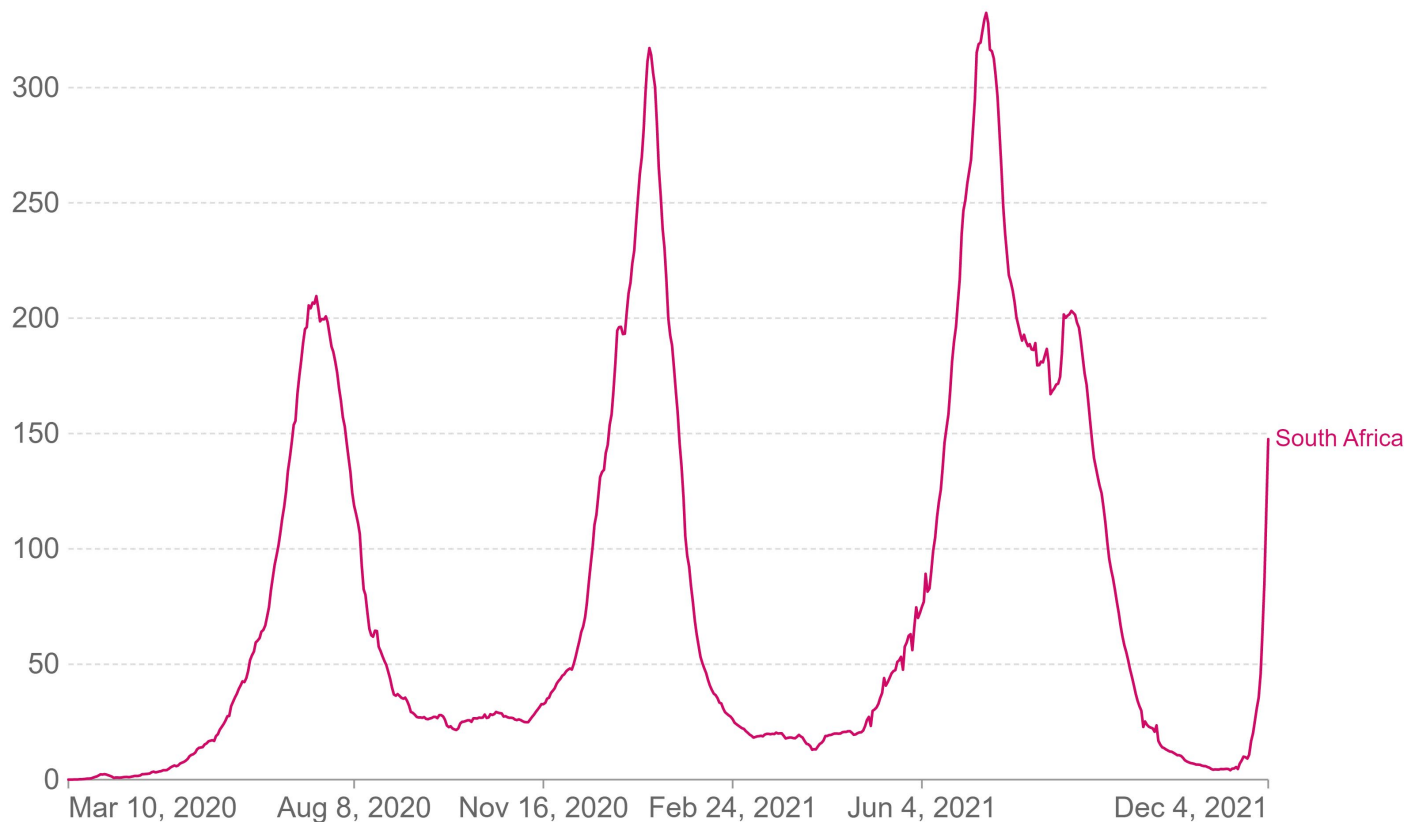


Omicron US



Daily new confirmed COVID-19 cases per million people

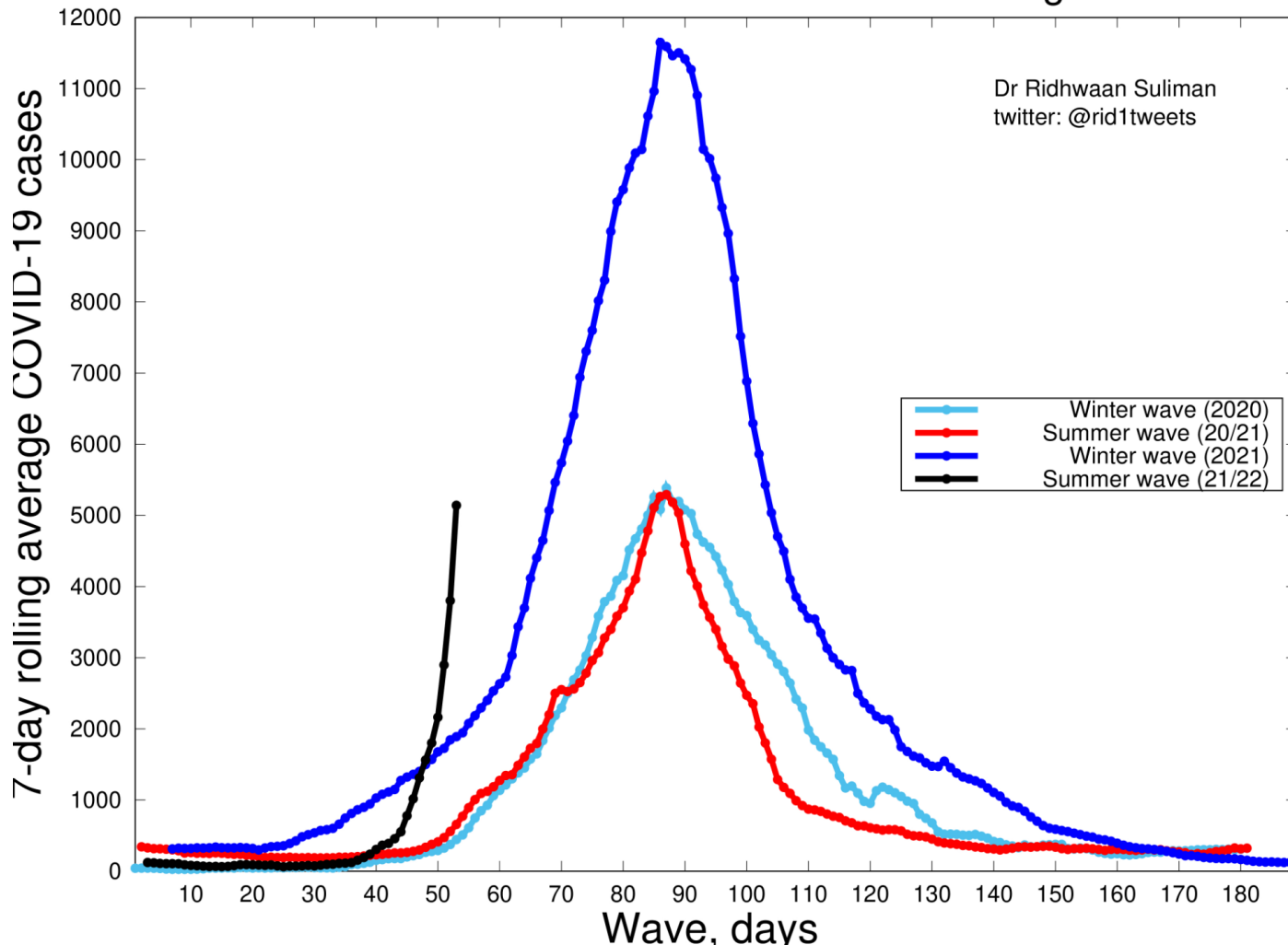
7-day rolling average. Due to limited testing, the number of confirmed cases is lower than the true number of infections.



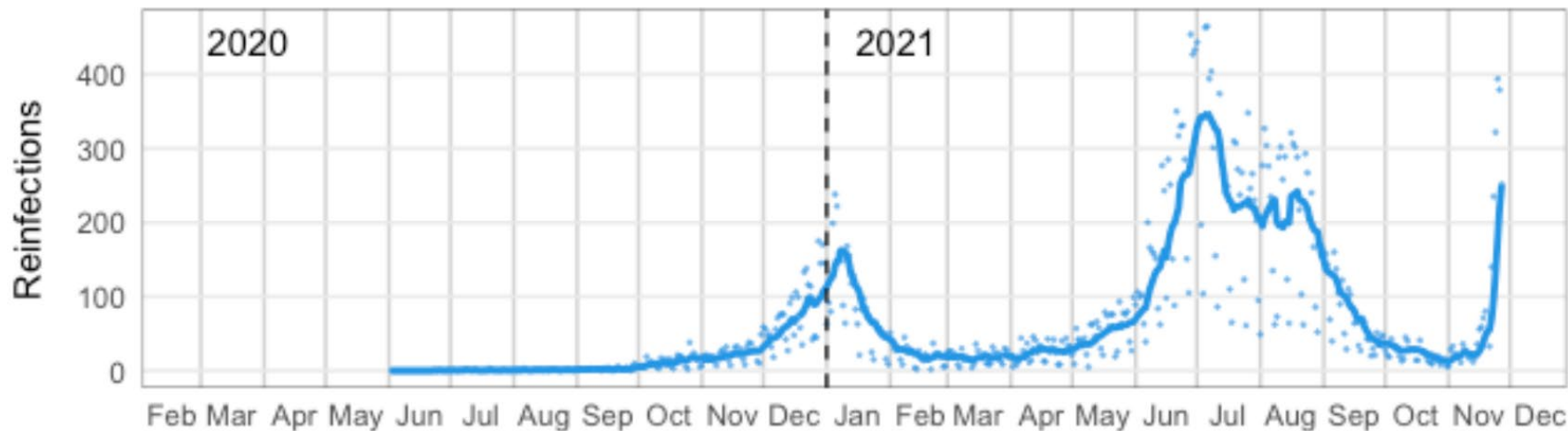
Source: Johns Hopkins University CSSE COVID-19 Data

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Waves of COVID-19 cases in Gauteng



South African Study



- 35,670 suspected reinfections were identified among 2,796,982 individuals with laboratory-confirmed SARS-CoV-2
- Suggests that the Omicron variant is associated with substantial ability to evade immunity from prior infection

Tshwane

- Hospital cases are increasing, but:
 - 76% were incidental admissions – COVID was found after admission
 - The relatively low number of COVID-19 pneumonia hospitalizations in the general, high care and ICU wards constitutes a very different picture compared to the beginning of previous waves
 - 80% of admissions <50 years of age
 - Possible vaccination effect - 57 % over 50 have been vaccinated compared to 34% in the 18-49 year group
 - 10 deaths in last 2 weeks - 4 aged 26-36, 5 in over 60 and 1 child (not COVID)

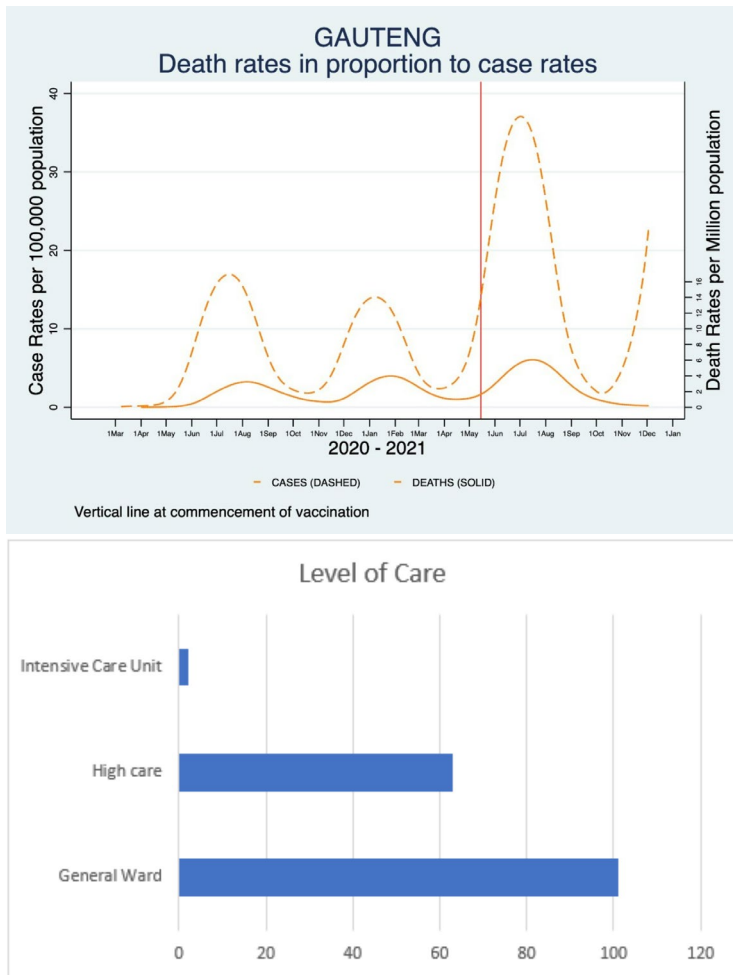


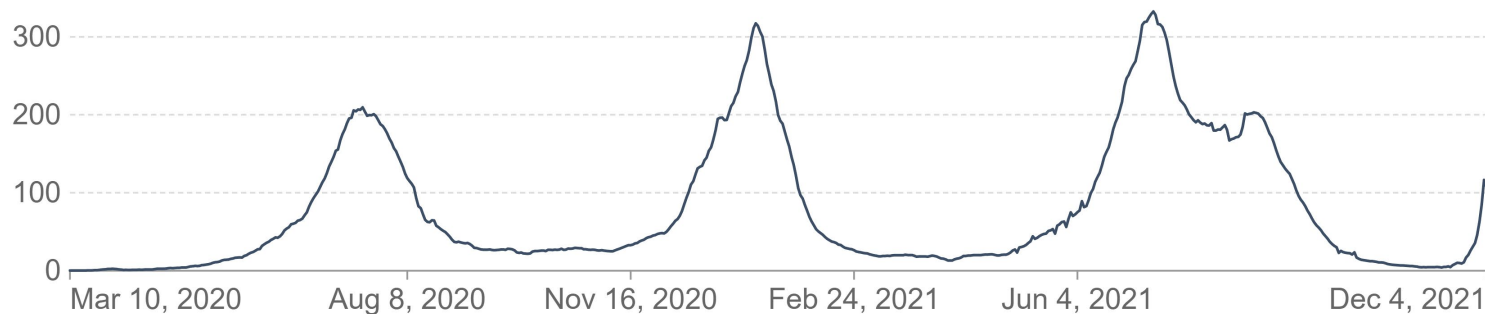
Figure 1. Level of Care of Patients Over Last Two Weeks

Daily new confirmed COVID-19 cases & deaths per million people

7-day rolling average. Limited testing and challenges in the attribution of cause of death means the cases and deaths counts may not be accurate.

■ South Africa

New cases (per 1M)



New deaths (per 1M)



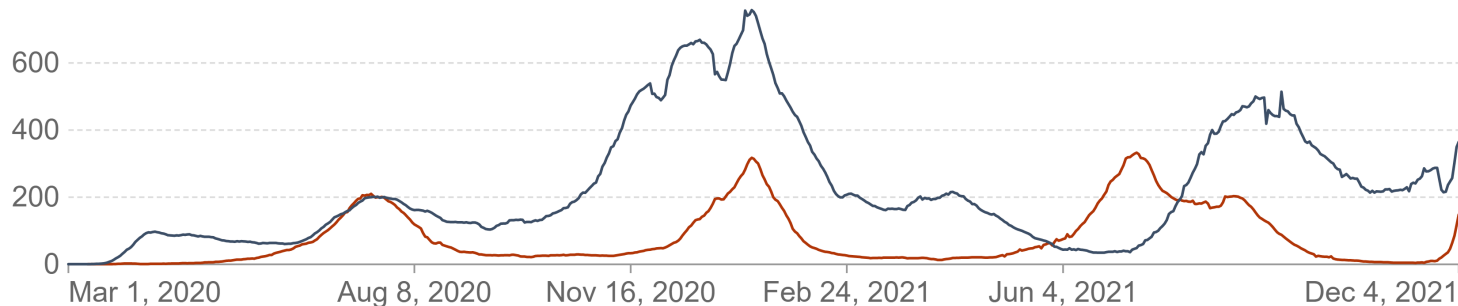
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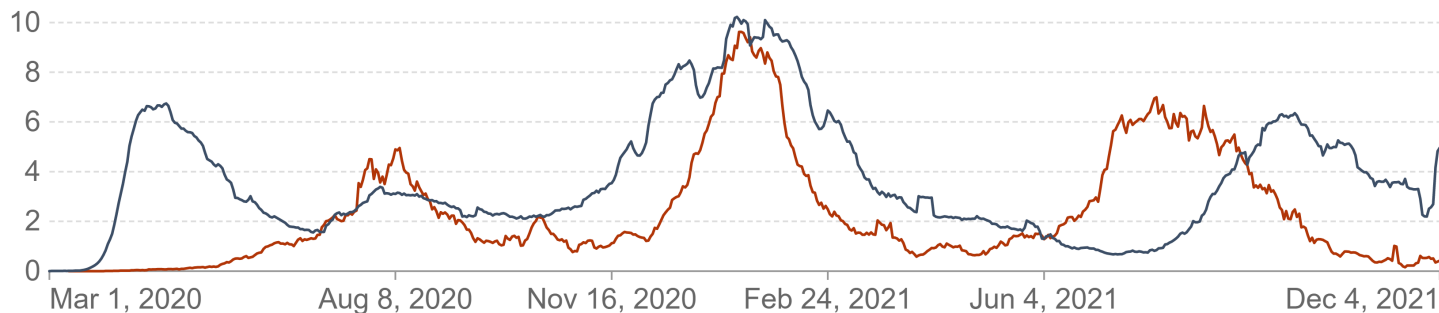
Our World
in Data

■ United States ■ South Africa

New cases (per 1M)



New deaths (per 1M)



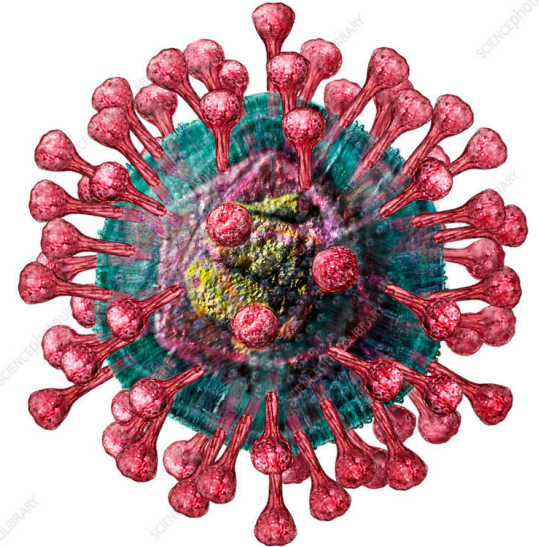
Source: Johns Hopkins University CSSE COVID-19 Data

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EAST
ON HEALTH

SARS-CoV-2 and HCoV-229E

- Nference sequenced omicron and found a snippet of genetic code that is also present in a virus that can bring about a cold (HCoV-229E)
- What does this mean?
 - Could make SARS-CoV2 more accustomed to human host
 - Potential to avoid immune responses
 - Potential increased transmissibility coupled with decreased severity



Travel

- Travel restrictions to Southern African countries
- US requiring negative test with 1 day of flying
- Europe changing requirements –
 - increased testing
 - Definition of being fully vaccinated may change
- Rest of world – rapidly changing rules
- Risk of getting caught up in a government travel ban or testing positive and being forced to quarantine





The background of the slide features several large, detailed, red coronavirus particles. These particles are spherical with a textured surface and are covered in numerous protruding, cone-shaped spikes. They are set against a dark red, slightly blurred background, with some particles appearing more prominent than others.

Questions

Upcoming NEBGH virtual events:

- **Dec. 9** - Pharmacy Benefits Strategies for Now - and Later
- **Dec. 13** – Monday COVID-19 Update w/ Dr. Mark
- **Dec. 16** – 27th Annual Tribute to Leadership