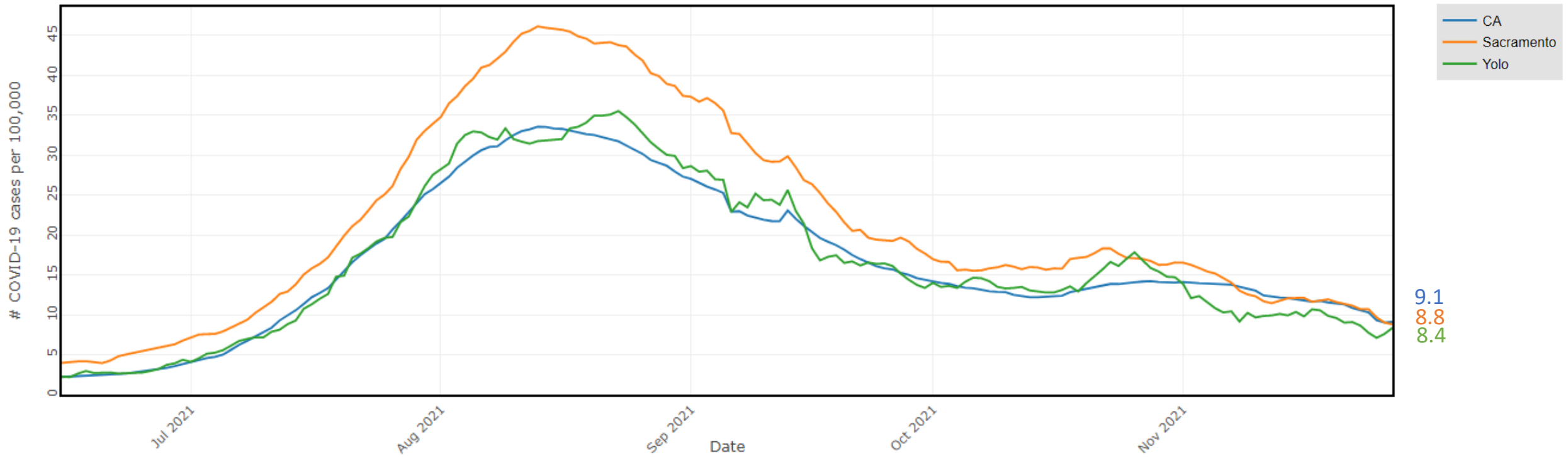


Overview

- COVID by the numbers
- Vaccine eligibility and coverage
- Omicron variant

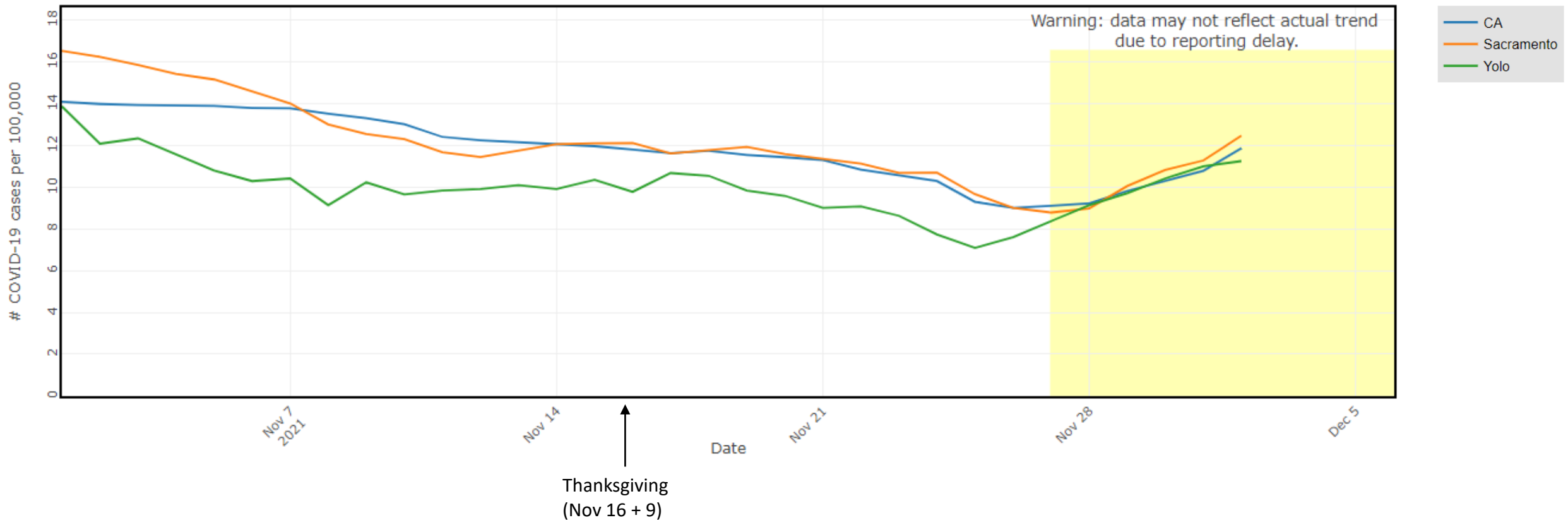
Yolo's COVID-19 case rate is increasing.



Data are lagged by 9 days

Source: CalREDIE

Unlagged case data show continuing increase.



Add 9 days for actual date

Source: CalREDIE

Yolo has Substantial community transmission.

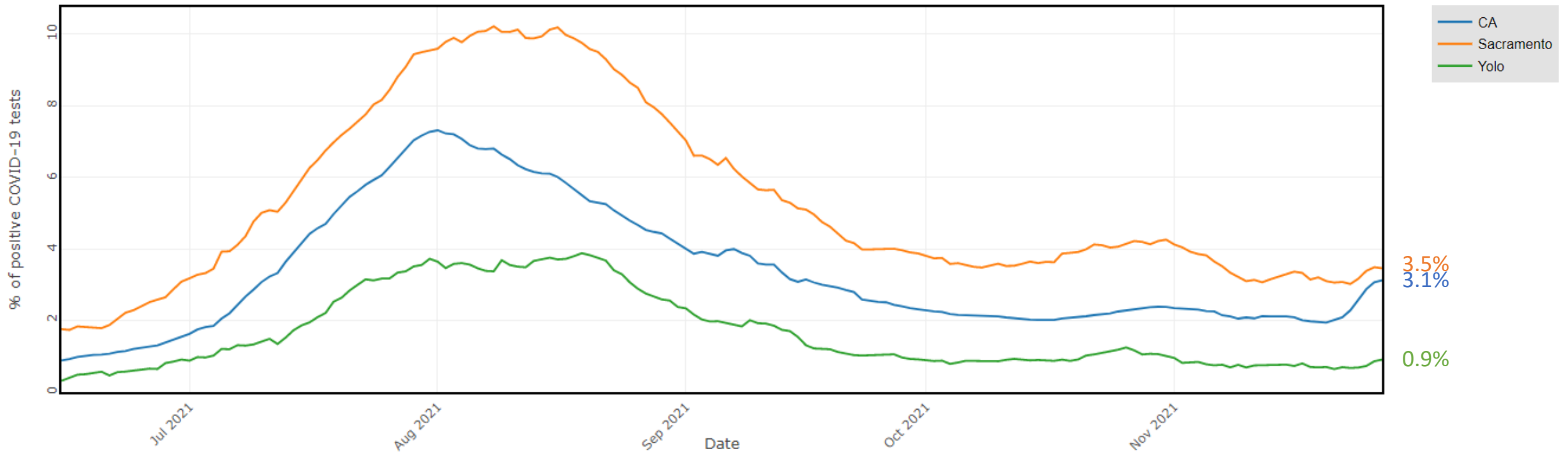
Yolo
8.4/100k/day
59/100k/week



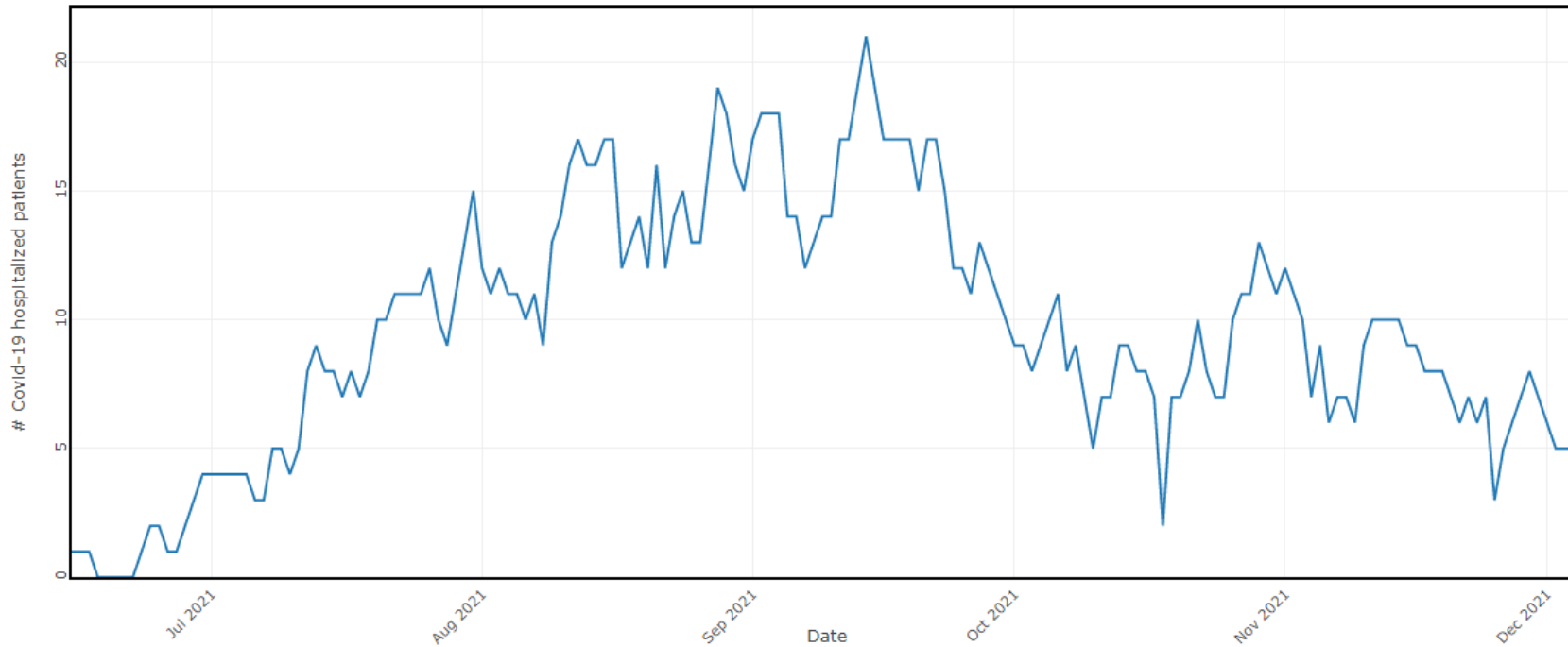
Table 1. CDC Indicators and Thresholds for Community Transmission of COVID-19¹

| Indicator | Low Transmission Blue | Moderate Transmission Yellow | Substantial Transmission Orange | High Transmission Red |
|---|--------------------------|------------------------------------|---------------------------------------|--------------------------|
| Total new cases per 100,000 persons in the past 7 days ² | 0-9 | 10-49 | 50-99 | ≥100 |

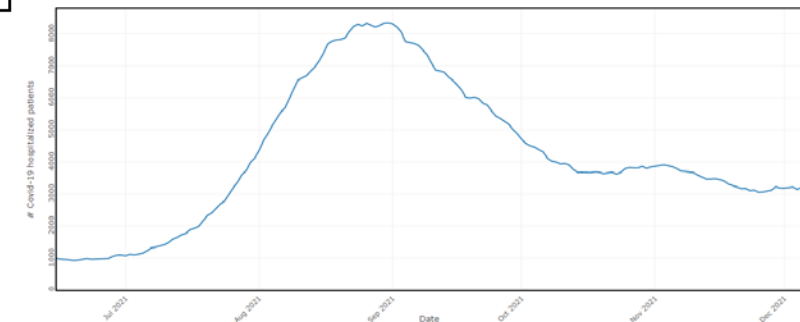
Yolo's COVID-19 testing positivity is increasing.



COVID-19 hospitalizations are low.



| Date | COVID-19+ Patients in Hospital |
|-------|--------------------------------|
| 12/6 | 5 (0 ICU)* |
| 11/22 | 8 (4 ICU) |



California Hospitalizations

*On 12/6, 5/5 (100%) hospitalized COVID-19 patients were unvaccinated
 Source: California Hospital Association and Yolo County MHOAC

Yolo County vaccination rate near state average.

| Location | Age Group | % Fully Vaccinated |
|-------------|-----------|--------------------|
| Yolo County | All Ages | 63.6% |
| California | All Ages | 63.9% |
| Yolo County | 12+ | 72.0% |
| California | 12+ | 74.4% |
| Yolo County | 5-11 | 6.1% |
| California | 5-11 | 2.3% |

Get a booster dose once eligible.

- Boosters recommended if:
 - You are 18+
 - It has been at least 6 months since 2nd dose of Pfizer or at least 2 months since dose of J&J
- Boosters ramp up immune response and provide increased protection
- Current booster coverage in Yolo County disappointing

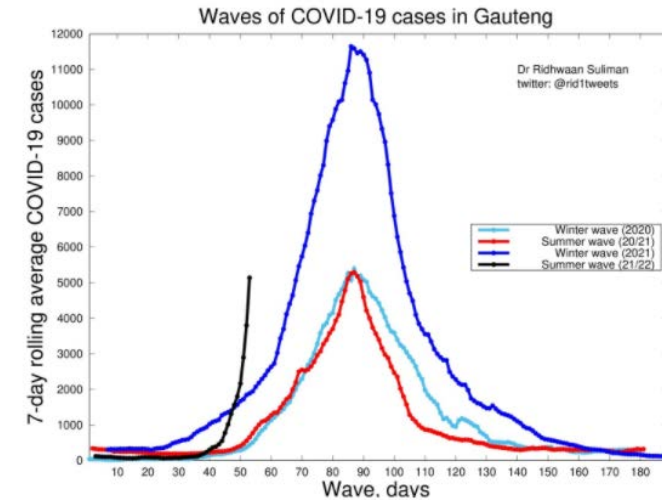
| Age Group | % Eligible with Boosters |
|-----------|--------------------------|
| 20+ | 24% |
| 65+ | 48% |

Omicron variant is cause for concern (but not panic).

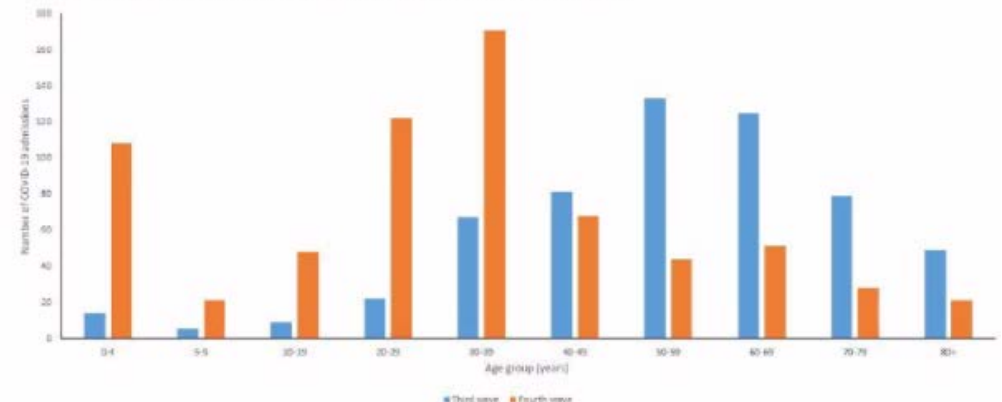
- Omicron variant declared Variant of Concern by WHO in late November
- First identified in South Africa, but origin unknown
- Now detected in 55 countries and 19 U.S. states, including California
- 50+ mutations with unknown combined effect
- 3 key questions:
 - Is Omicron more infectious than Delta?
 - How effective are vaccines and existing treatments against Omicron?
 - Does Omicron cause more severe disease than Delta?

What we do know about Omicron:

- Spreading quickly in South Africa (suggests more infectious &/or immune evasion)
- Causing reinfections in South Africa (suggests immune evasion)
- Causing increased hospitalizations among children in South Africa
- South Africa is not the United States



Number of COVID-19 admissions in first two weeks of third and fourth wave, by age group in years, City of Tshwane Metro, 9-22 May 2021 and 14-27 November 2021



4 key protective measures against Delta and Omicron:

- Get vaccinated or boosted.
- Wear a mask that fits and filters well when you are indoors.
- Get tested for COVID-19.
- Stay home when you are sick.