



COVID-19 Emergency Response Strategy Update

January 4, 2022

Tina Rivera

Interim Director

Sonoma County Department of Health Services

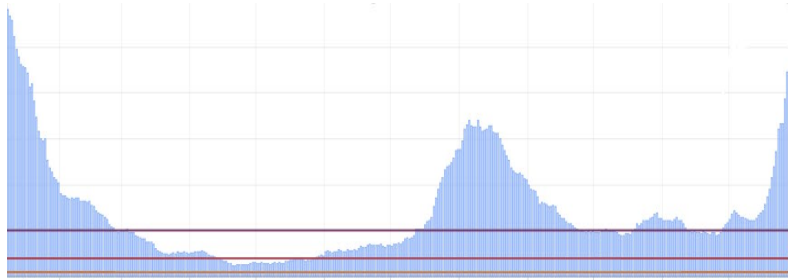
Dr. Sundari Mase

Sonoma County Health Officer

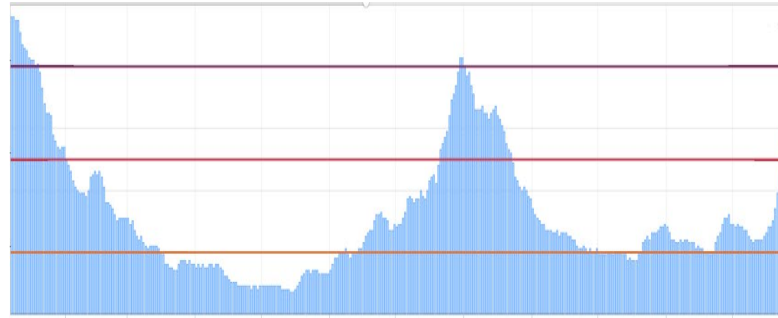


sonoma county
DEPARTMENT OF HEALTH SERVICES

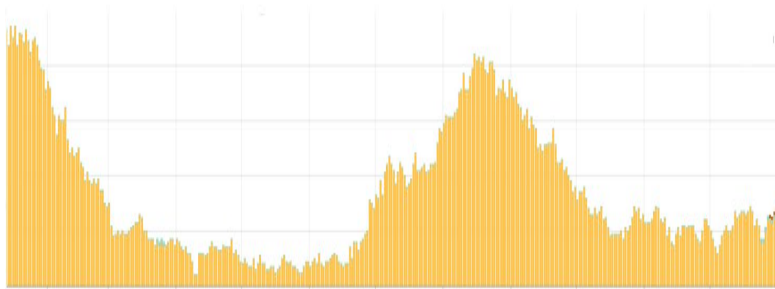
Overall Countywide Trends (Jan 2021 to present)



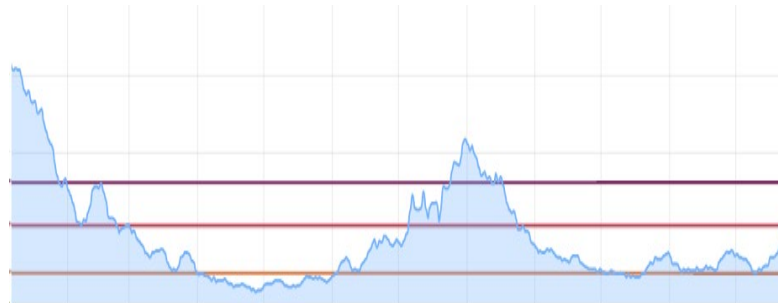
New cases per 100,000 residents per day



Overall test positivity



COVID-19 hospitalizations

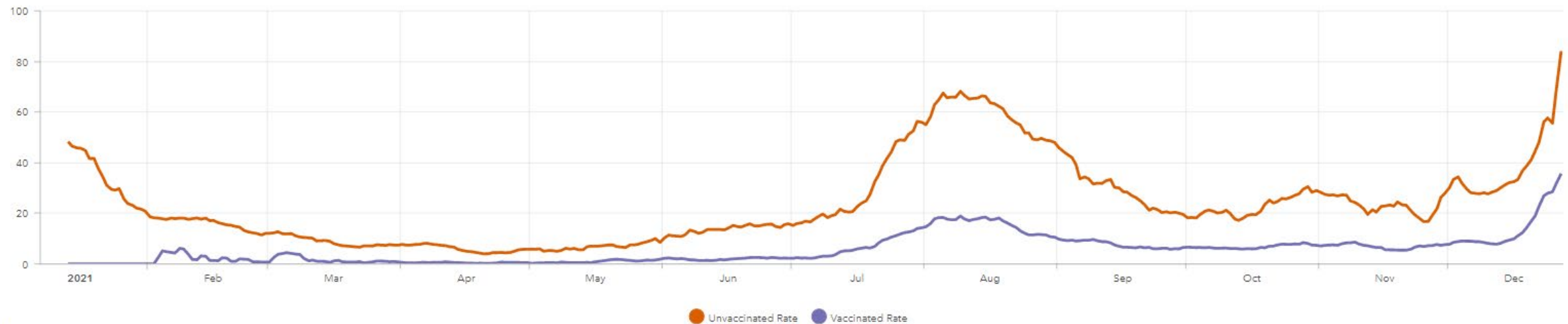


Lowest HPI test positivity

- **Metrics as of 01/03/22**
 - **44.6** new cases per 100,000 residents per day
 - **9.5%** overall test positivity
 - **9.9%** test positivity in lowest HPI quartile
- **29** people hospitalized with COVID-19
- **98** people have died from COVID-19 since July 1

Sonoma County Case Rate by Vaccination Status (01/03)

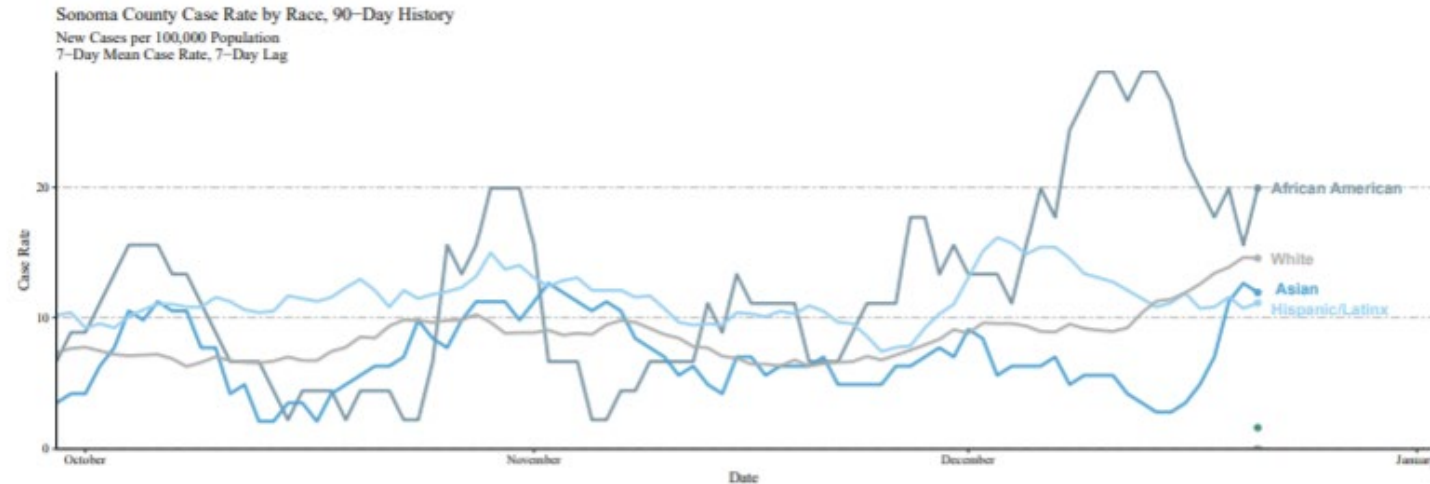
New Cases per Day per 100,000 Residents, by Vaccination Status (7 day average, 7 day lag)



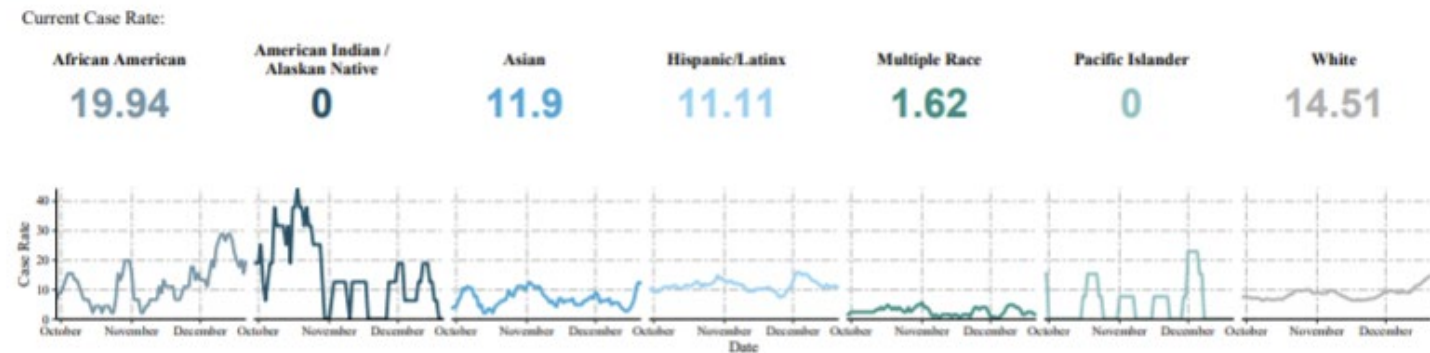
- Unvaccinated population: **84.1** new cases per 100,000 per day
- Fully Vaccinated population: **35.7** new cases per 100,000 per day

Case Rate Trends by Racial/Ethnic Group, Past 90 Days

Race and Ethnicity

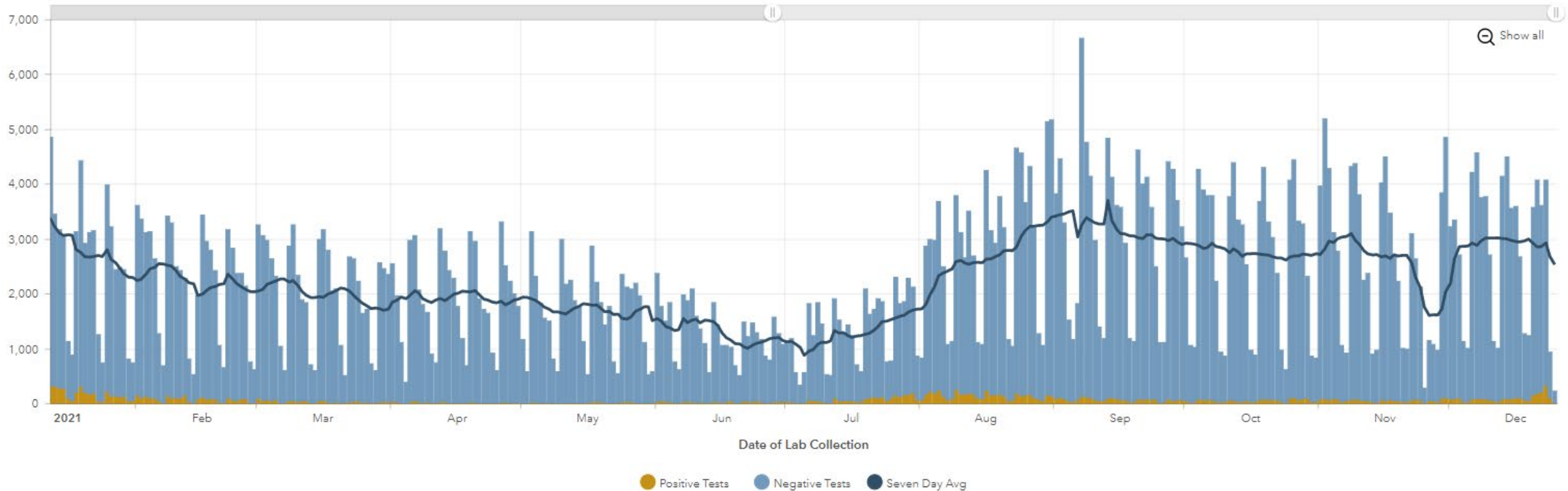


- Case rates increased among Black/African American residents in December
- Case rates were highest among Black/African Americans, followed by White, Latinx and Asian residents



Total Tests per Day

Sonoma County Tests Conducted per Day



Conducting 511 tests per 100,000 residents per day (7-day average, 7-day lag)

Source of Infection

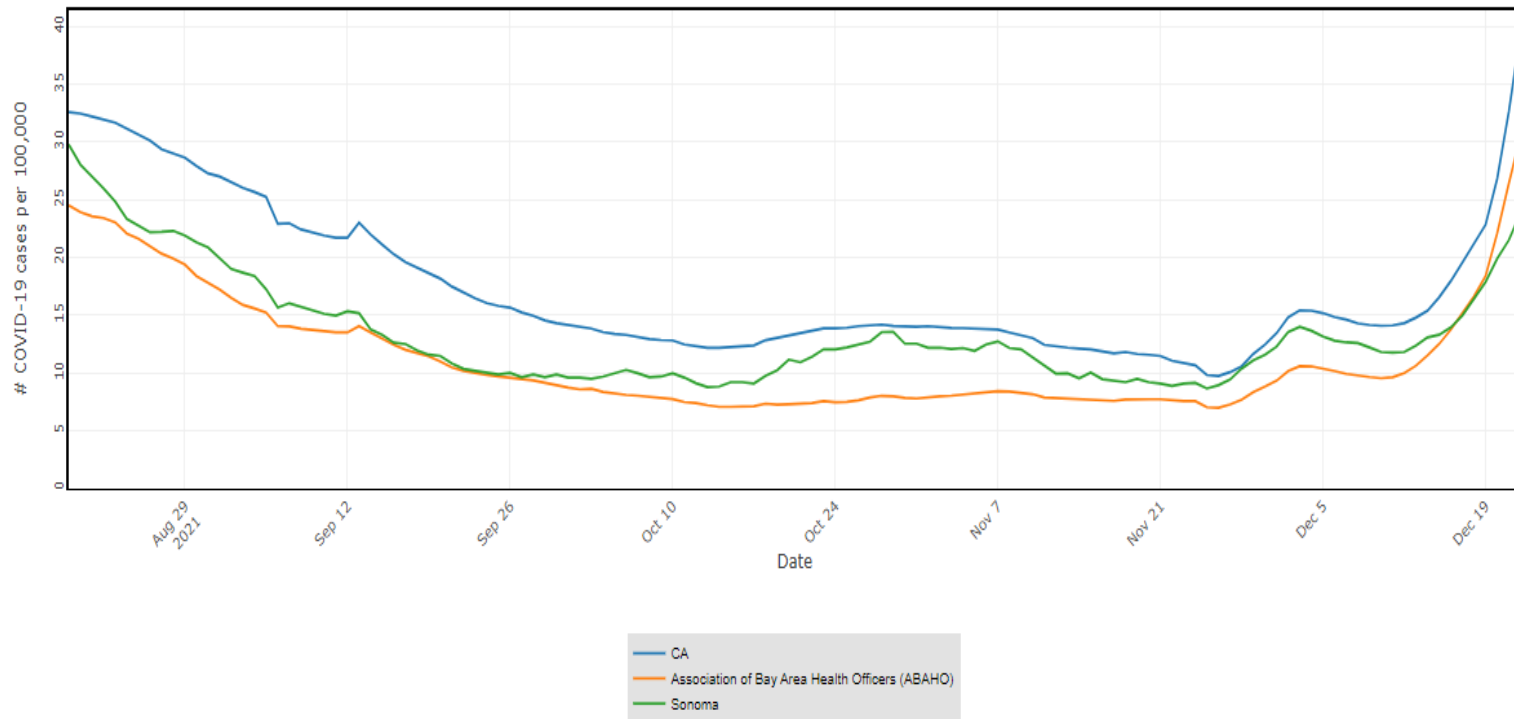
Proportion of Cases in Sonoma County Attributed to Large and Small Gatherings



- Gatherings (e.g., holiday office parties and friend/family gatherings) account for more than 40% of cases with a known source of infection
- Other significant sources of transmission in the past week included household contacts, community exposure, and travel

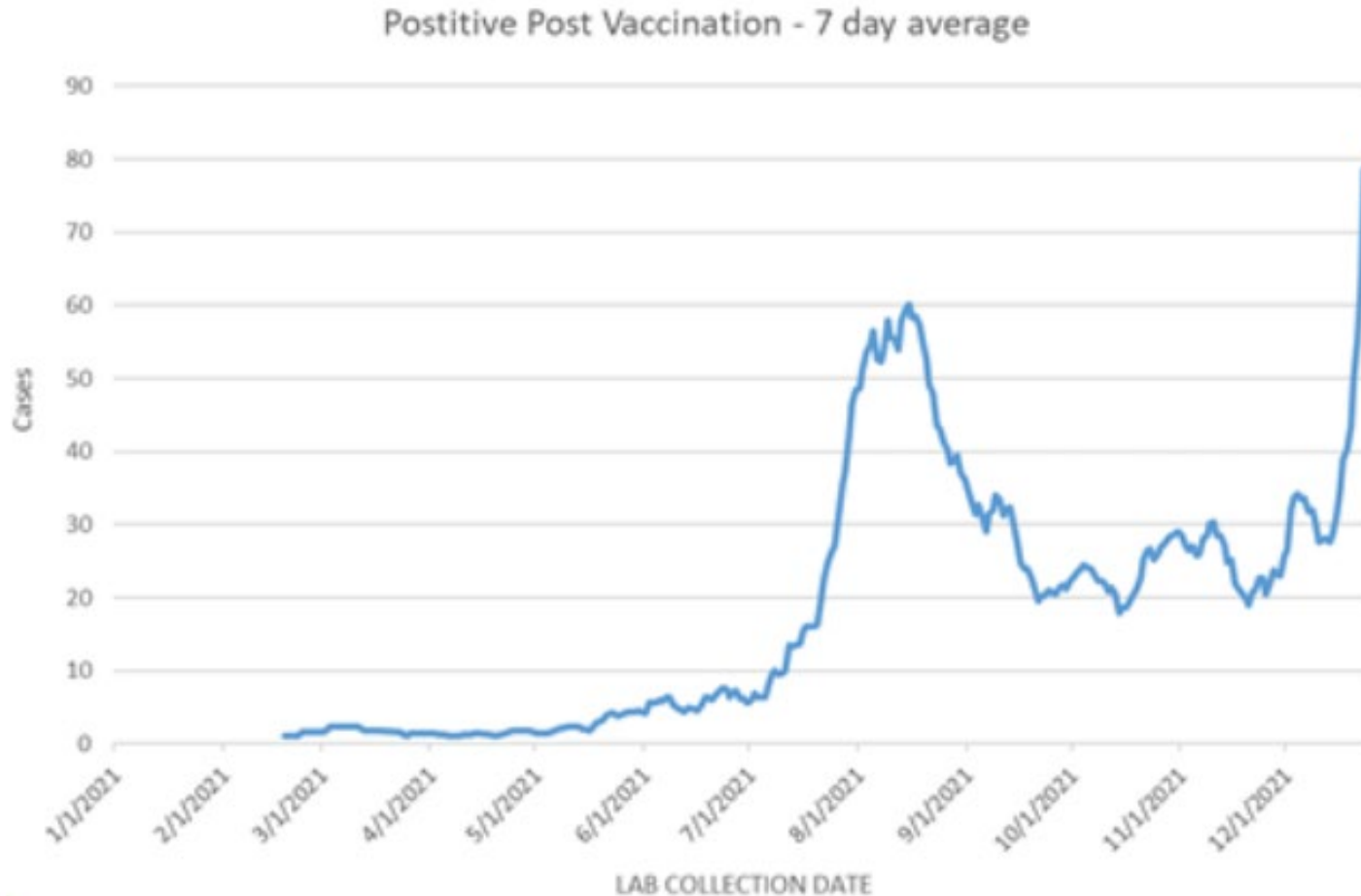
Comparison to State and Regional Case Rates

Case rate per 100,000, excl prisoners (7 day avg w/ 7 day lag) for Multiple Locations



- Sonoma County case rates are increasing similar to trends seen in the State and Bay Area
- CDPH states that the highly transmissible Omicron variant is now the dominant strain in California
- As of 01/03/21, 14 Omicron cases have been sequenced in Sonoma County

Importance of Booster Doses



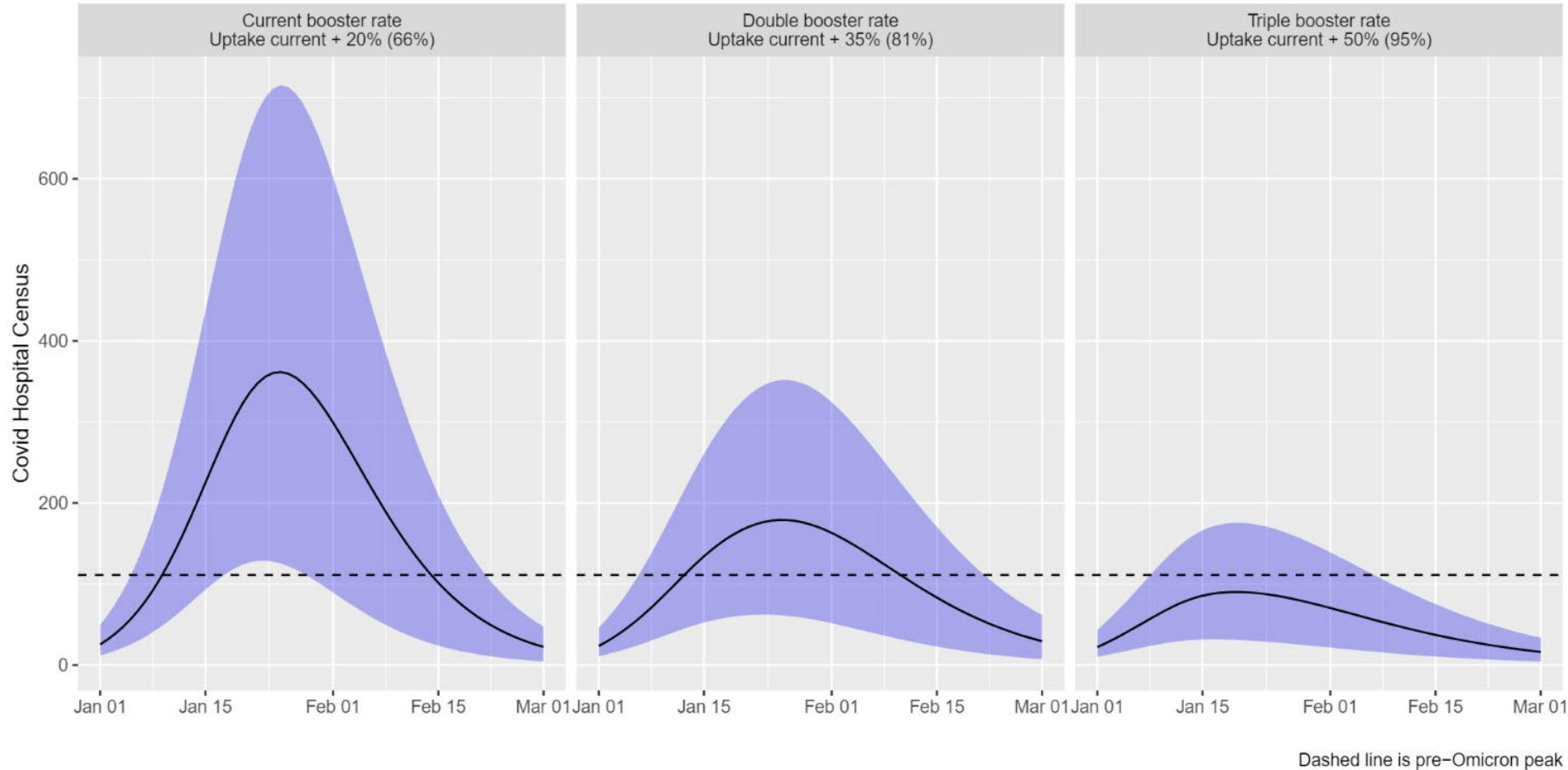
Immunity wanes by six months after second dose

- Observing an increase in post-vaccination infections
- While case rates remain highest among the unvaccinated, outbreaks are now also occurring among the fully vaccinated
 - Ex: Unmasked holiday dinner among fully vaccinated with 46 attendees. 52% (24/46) of the attendees became infected. Omicron was detected.

Importance of Booster Doses

Sonoma

Current booster uptake = 46% of eligible

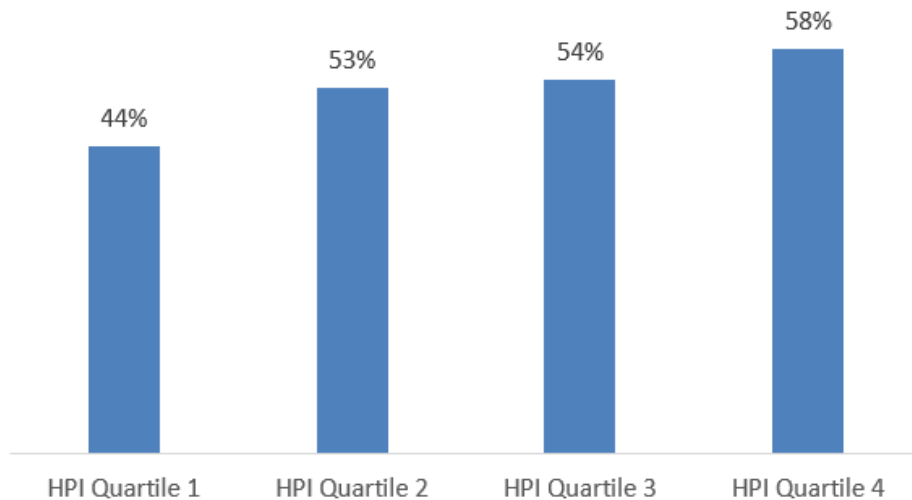


Staying fully updated by receiving a booster dose decreases risk of serious illness/hospitalization

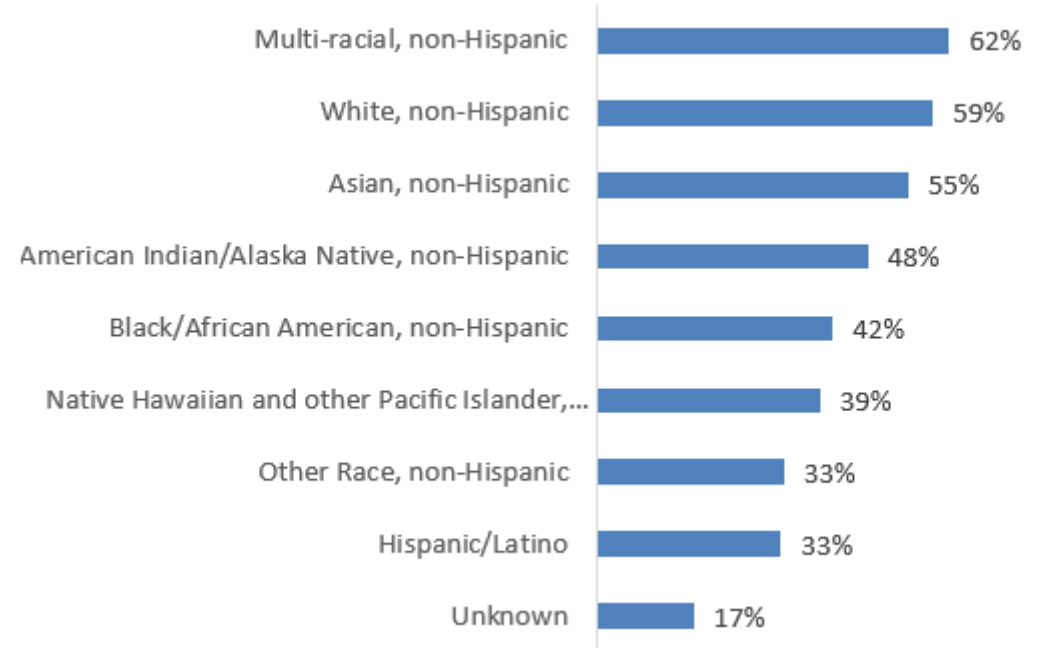
- State Omicron modeling factors in boosters as a key variable in preventing hospital capacity issues this winter

Vaccine Booster Dose Administration (01/03)

Proportion of eligible 16+ year-olds with booster dose, by HPI Quartile



Proportion of eligible 16+ year-olds with booster dose, by Race/Ethnicity



- **51.6%** of currently eligible 16+ year-olds have received their booster doses
 - 64.2% of eligible adults aged 50+ have received their booster doses

State and Local Health Order Updates

State vaccine mandates updated to require booster doses when eligible

- Requires health care workers, adult care facilities and direct care workers, and correctional facility and detention center health care staff to receive booster shots by February 1, 2022 (or within 15 days after becoming eligible if not eligible by February 1)

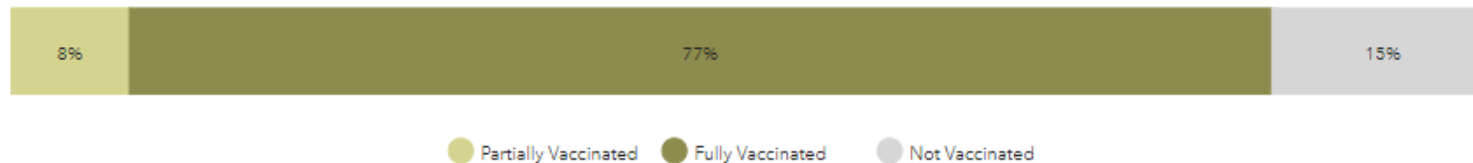
Local Health Order Updates

- Order of the Health Officer of the County of Sonoma C19-33
 - Requires workers in schools to be vaccinated and, when eligible, boosted, or to test twice per week (effective Feb 1, 2022)
- Order of the Health Officer of the County of Sonoma C19-32
 - Requires that personnel in law enforcement, fire, EMS, pharmacies, dental offices, and temporary disaster shelters to be vaccinated and, when eligible, boosted, or to test twice per week (effective Feb 1, 2022)
- Order of the Health Officer of the County of Sonoma Rescinding Amendment No. 1 to Order No. C19-25
 - Rescinds the face covering exemption for fully vaccinated stable cohorts (effective December 29, 2021)
- Recommendation of the Health Officer (issued December 28, 2021)
 - Strong recommendation that all employers in the county require workers to provide proof of full vaccination for COVID-19, including a booster if eligible, or show proof of at least twice weekly COVID-19 testing
 - In addition, employers should consider requiring employees who are unvaccinated, or who have not received the booster and are eligible, to wear FDA-cleared surgical masks or respirators in indoor work settings

Vaccine Administration

916,174 doses administered (as of 01/03)

Percent Population 5+ Vaccinated



**Residents partially
vaccinated:**

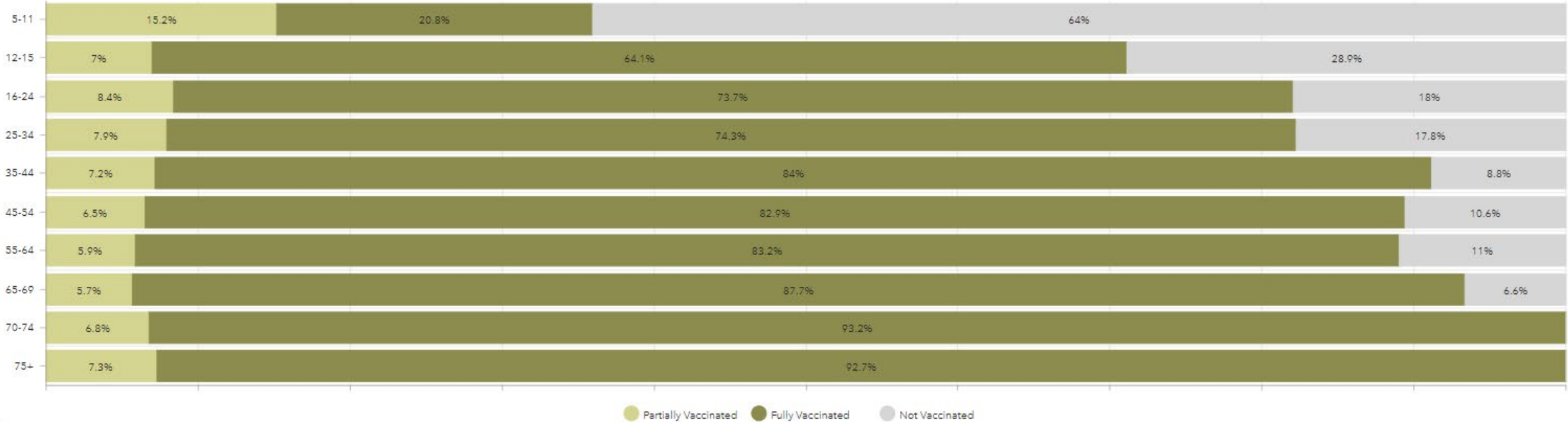
36,367

**Residents fully
vaccinated:**

363,114

**85% of the Sonoma County population aged 5+ is at least partially vaccinated
(77% fully vaccinated; 8% partially vaccinated)**

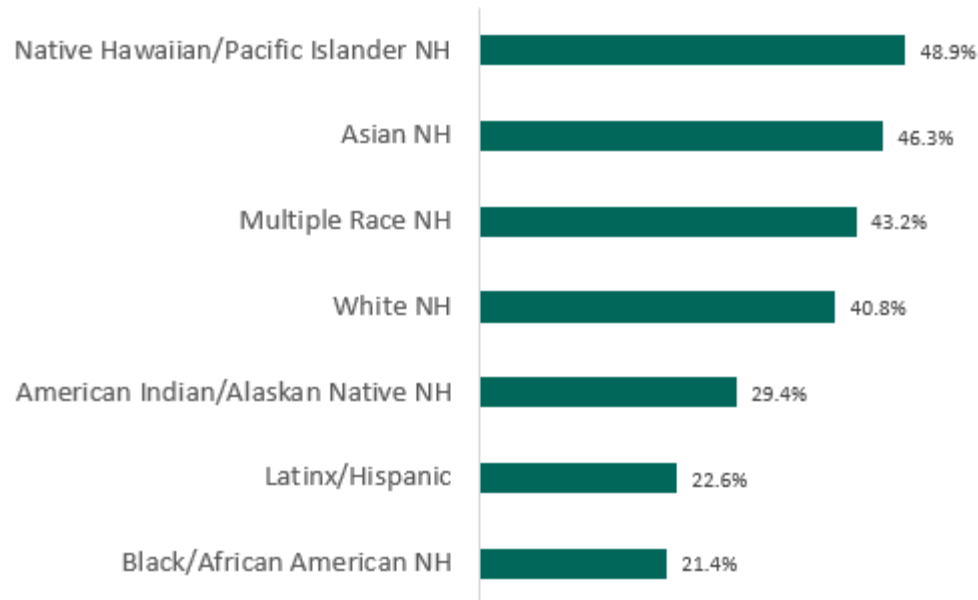
Proportion Vaccinated by Age Group



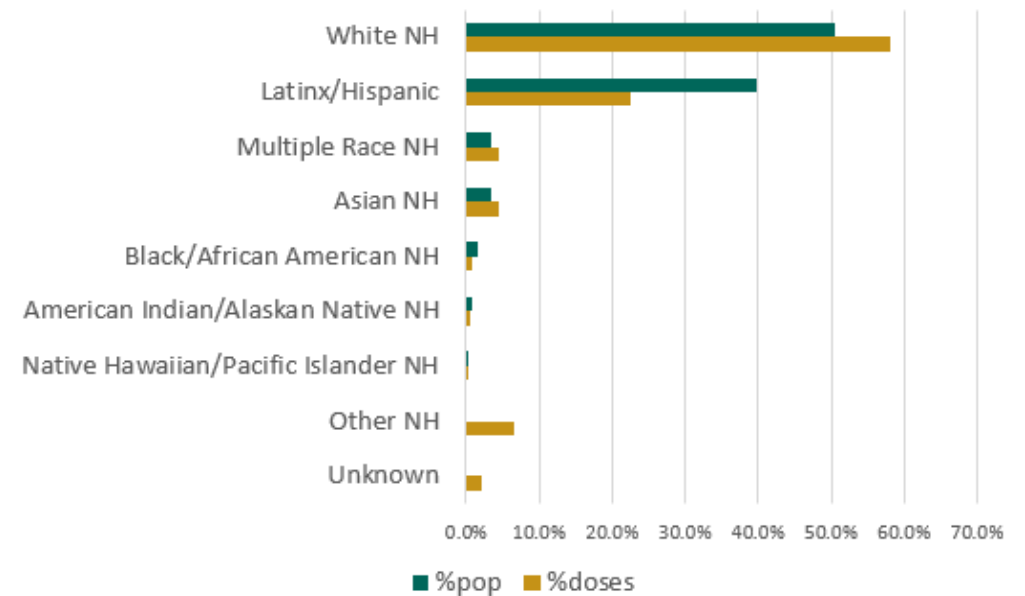
- The proportion of residents fully vaccinated by age group ranges from 20.8% (5- to 11-year-olds) to 93% (70+ year-olds)

5- to 11-year-old Vaccinations, by Race/Ethnicity

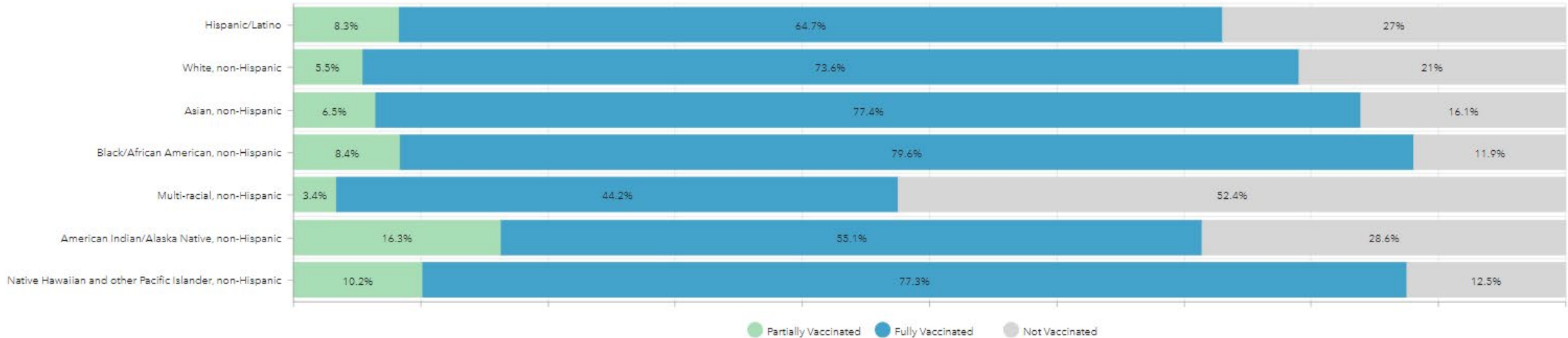
Proportion of 5-11 population with at least one dose, by race/ethnicity (12/27/21)



Proportion of 5-11 doses distributed by race/ethnicity as compared to proportion of each racial/ethnic group in the population (12/27/21)

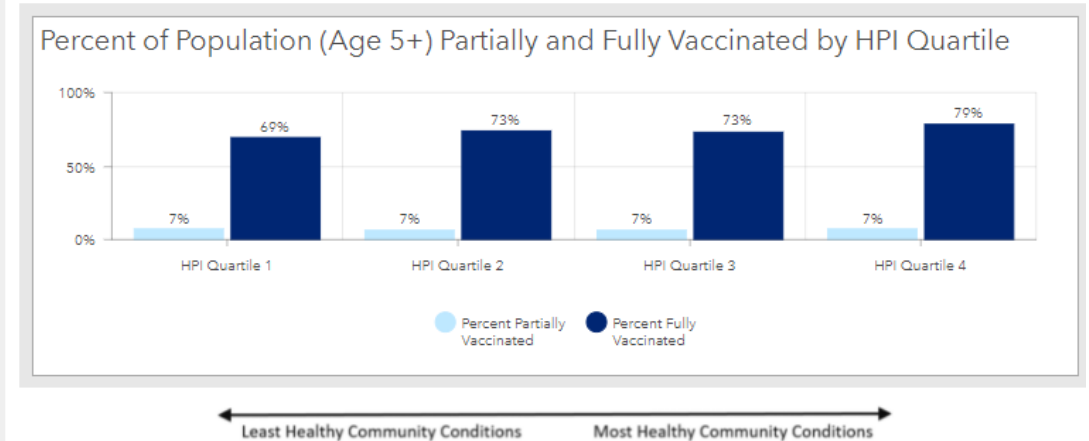
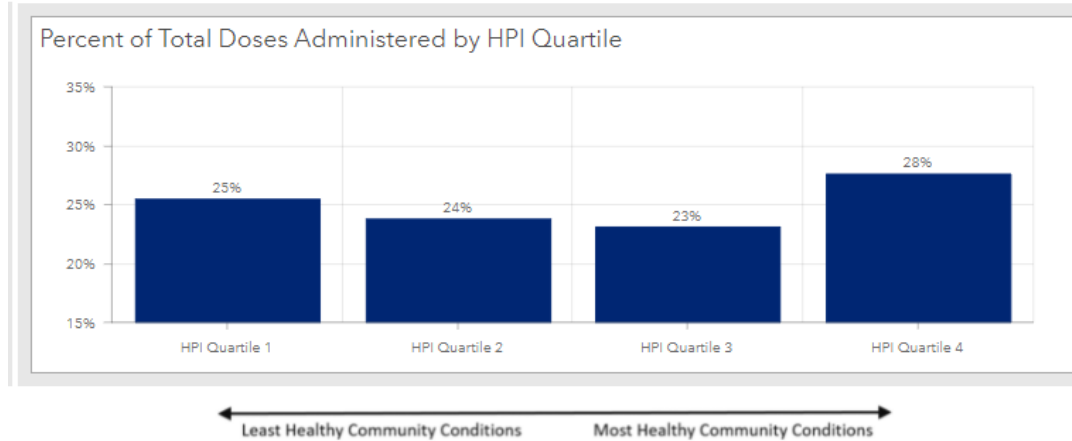


Proportion Vaccinated Within Each Race/Ethnicity



- A smaller proportion of Latinx, American Indian/Alaskan Native, and multiracial residents aged 5+ are fully vaccinated as compared to residents of other racial/ethnic groups

Vaccine Equity Measures



- Currently, 25% of vaccine doses have been administered to residents in the lowest quartile of the Healthy Places Index in which residents have access to the fewest resources
- 76% of residents aged 5+ in this quartile are at least partially vaccinated (7% partially vaccinated; 69% fully vaccinated)