

COVID-19 (SARS-CoV-2) UPDATES

January 25, 2022

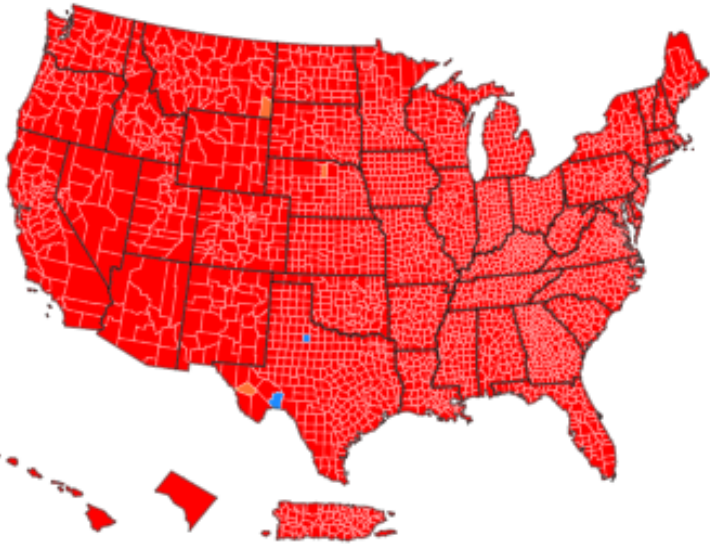
*Karen Relucio, MD
Public Health Officer
Deputy Director of HHSA*



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CDC COMMUNITY TRANSMISSION MAP



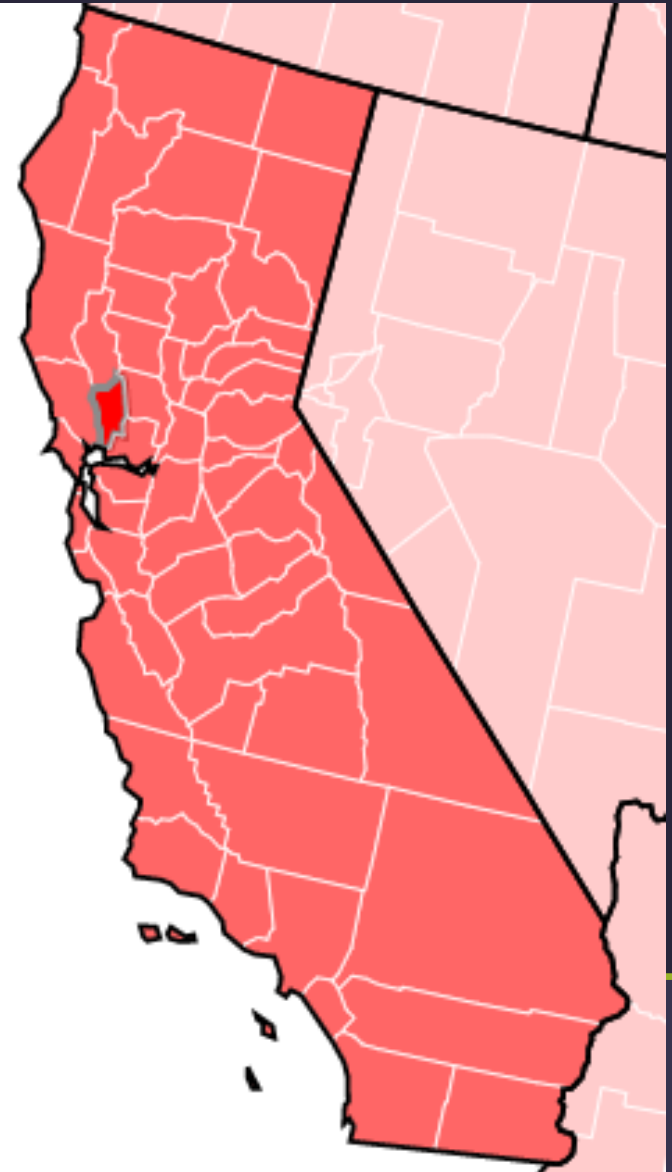
Community Transmission in US by County

	Total	Percent	% Change
High	3215	99.78%	0.28%
Substantial	2	0.06%	-0.09%
Moderate	0	0%	0%
Low	3	0.09%	-0.19%

[How is community transmission calculated?](#)

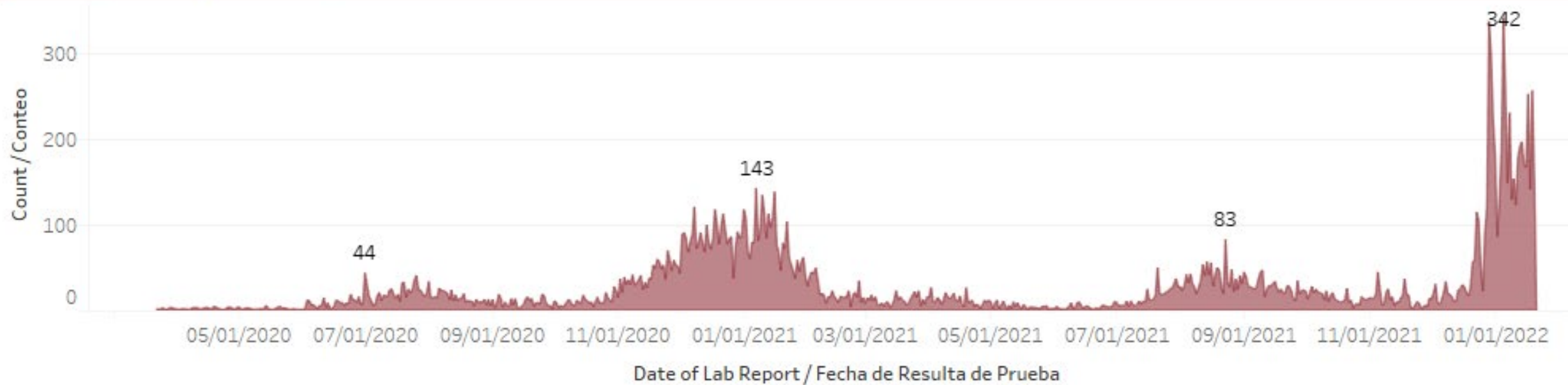
● High ● Substantial ● Moderate ● Low ● No Data

Current 7-days is Mon Jan 17 2022 - Sun Jan 23 2022 for case rate and Sat Jan 15 2022 - Fri Jan 21 2022 for percent positivity. The percent change in counties at each level of transmission is the absolute change compared to the previous 7-day period.



DAILY CASE COUNTS

Cases per Day / *Casos por Día*



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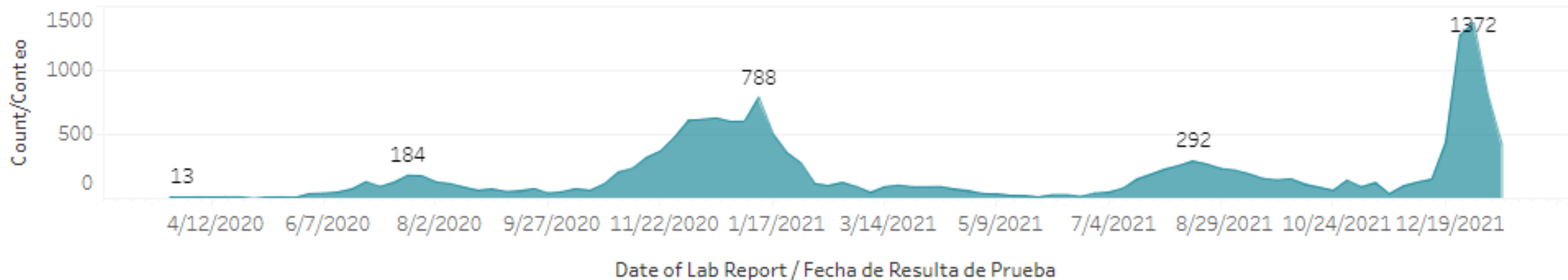


WEEKLY CASE TRENDS

Monthly Summary / Resumen Mensual

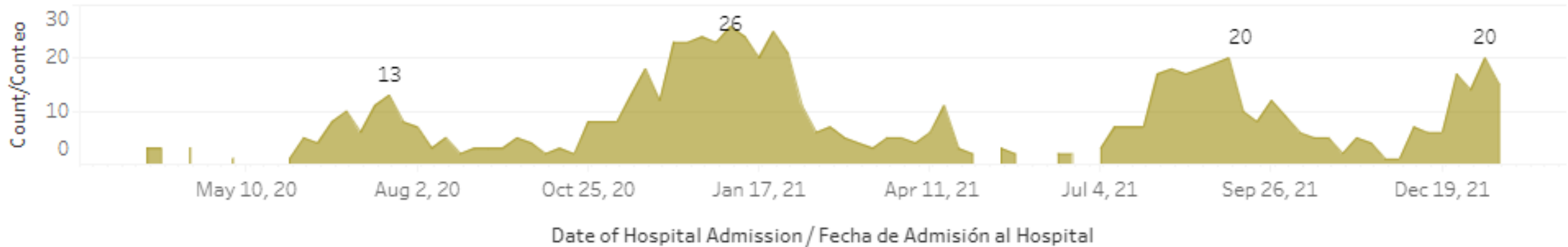
	Cases / Casos	Hospitalizations / Hospitalizaciones	Deaths / Muertes
October	466 ▼44%	31 ▼43%	6 ▼14%
November	406 ▼13%	12 ▼61%	2 ▼67%
December	1873 ▲361%	31 ▲158%	1 ▼50%

Timeline of Cases by Week / Cronología de Casos por Semana



HOSPITALIZATION TRENDS

Timeline of Hospitalizations by Week / *Cronología de Hospitalizaciones por Semana*



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POST BLUEPRINT METRICS

Measures	CDPH Estimates for Napa
New Cases per 100,000 population per day 7-day average	151.8
Testing positivity 7-day average	20.7%
Health equity testing positivity	28%

Napa County COVID-19 Response Snapshot

Respuesta al COVID-19 - Resumen del Condado de Napa

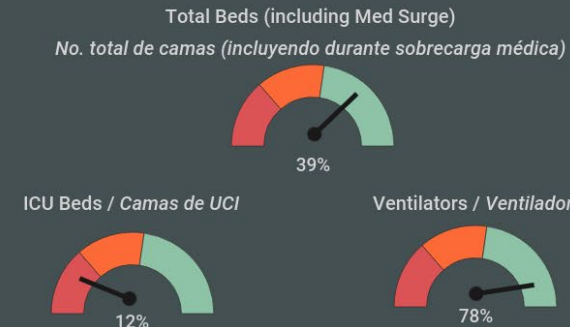
Week of / Semana de: 1/16/2021 - 1/22/2022

Epidemiological Stability Estabilidad Epidemiológica



Hospital Capacity / Capacidad de los Hospitales

Average* daily bed and medical device availability
Promedio de disponibilidad diaria de camas y equipo médico



*7-Day average / Promedio de 7 días

*Previous week's data may change due to a lag in reporting / Los datos de la semana anterior pueden cambiar debido a un retraso en los informes.

Source/Fuente: Napa County Public Health, CA Department of Public Health, CA Emergency Medical Systems

Disease Severity Gravedad de la Enfermedad

Hospitalizations Hospitalizaciones^



Metric: Deaths/Muertes^



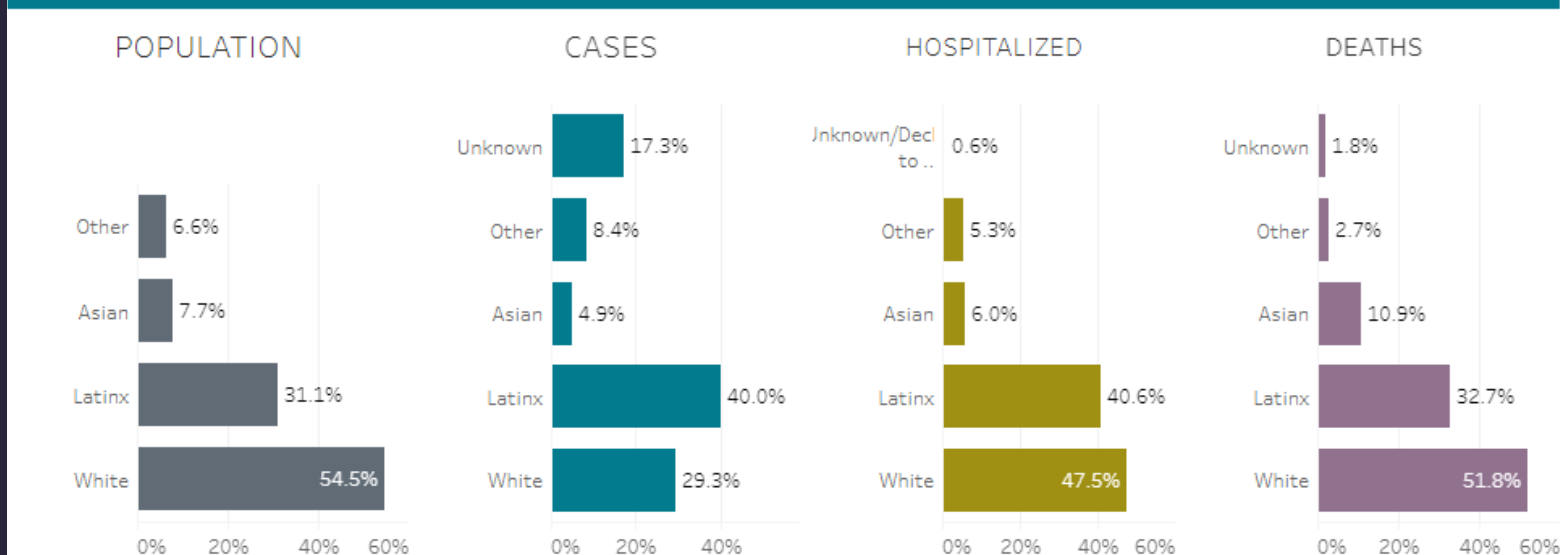
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COVID-19 DEMOGRAPHICS

Race & Ethnicity/ *Raza y Etnia*

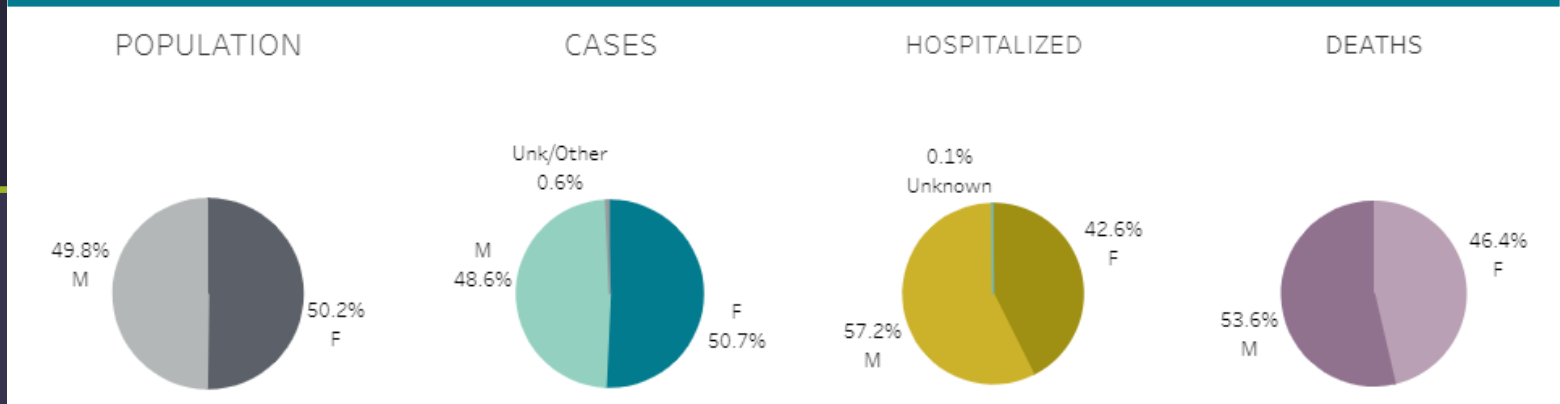
Last updated / Última actualización: 1/14/2022



As of 1/24/2022:

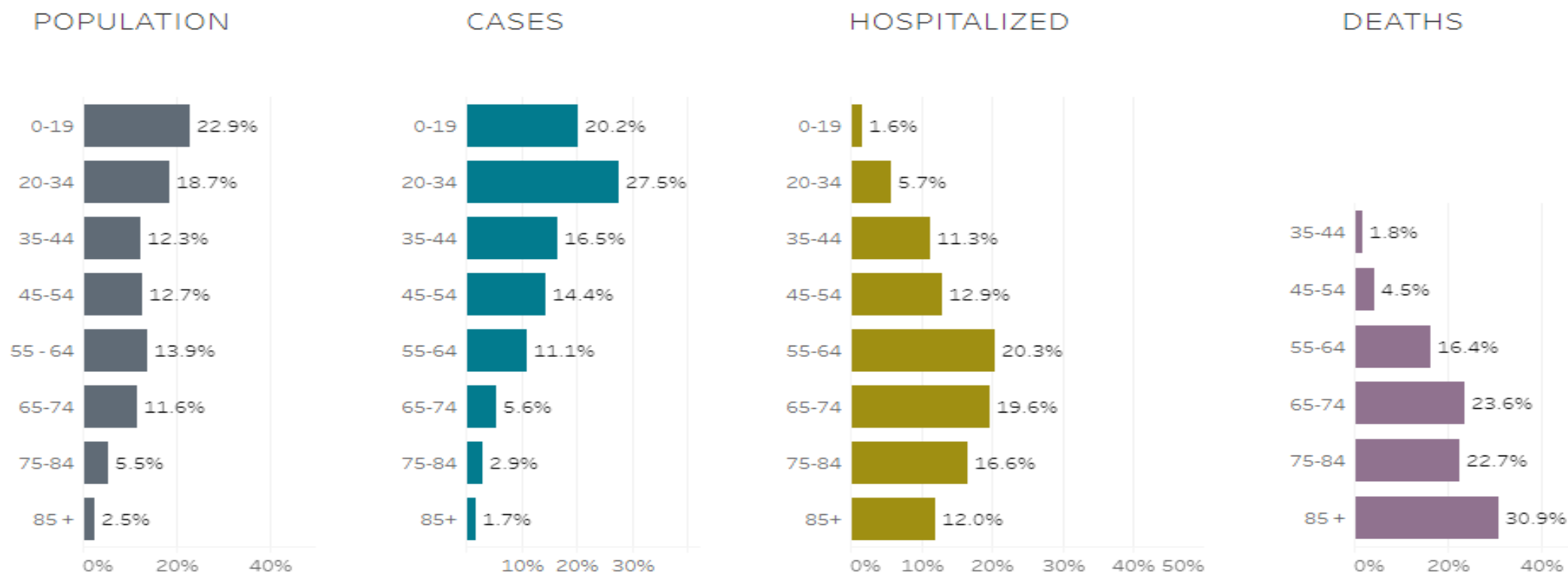
- 18,904 Total Cases
- 701 Total Hospitalizations
- 112 Total Deaths

Gender / *Género*



COVID-19 DEMOGRAPHICS – AGE DISTRIBUTION

Age/ Edad



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Compared to people who are fully vaccinated

People who are not fully vaccinated are:

72%

More likely to test positive for COVID-19

People who are not fully vaccinated are:

95%

More likely to get hospitalized for COVID-19

People who are not fully vaccinated are:

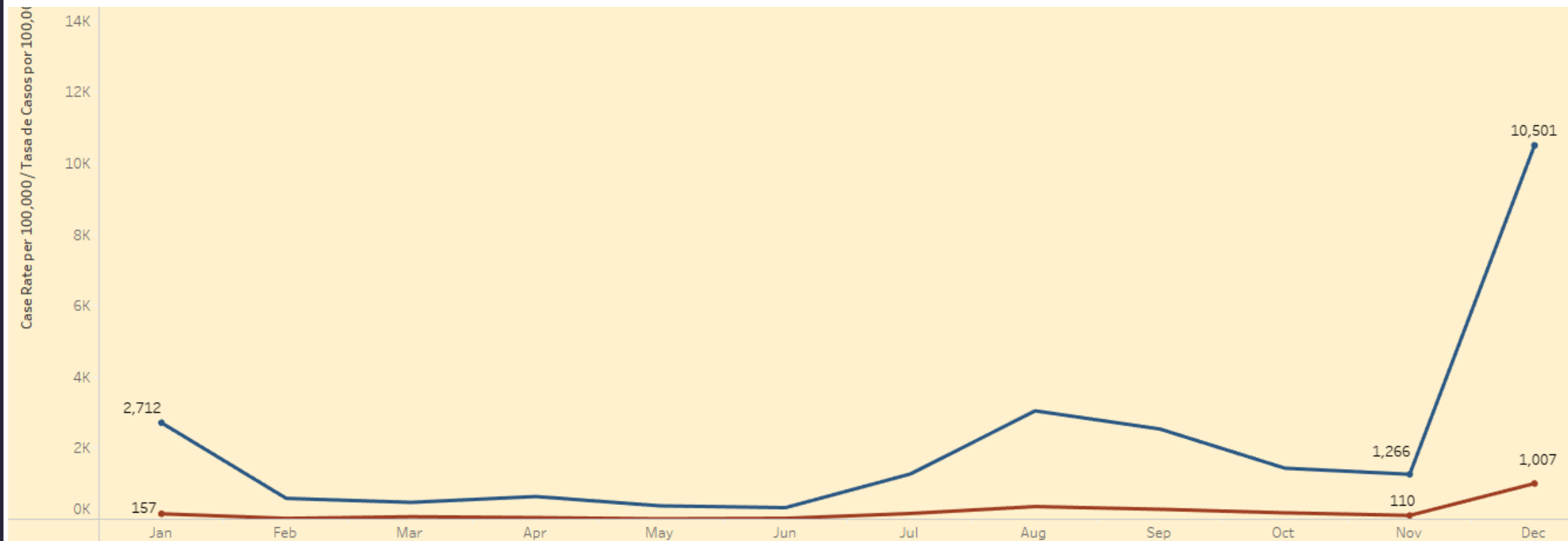
97%

More likely to die of COVID-19

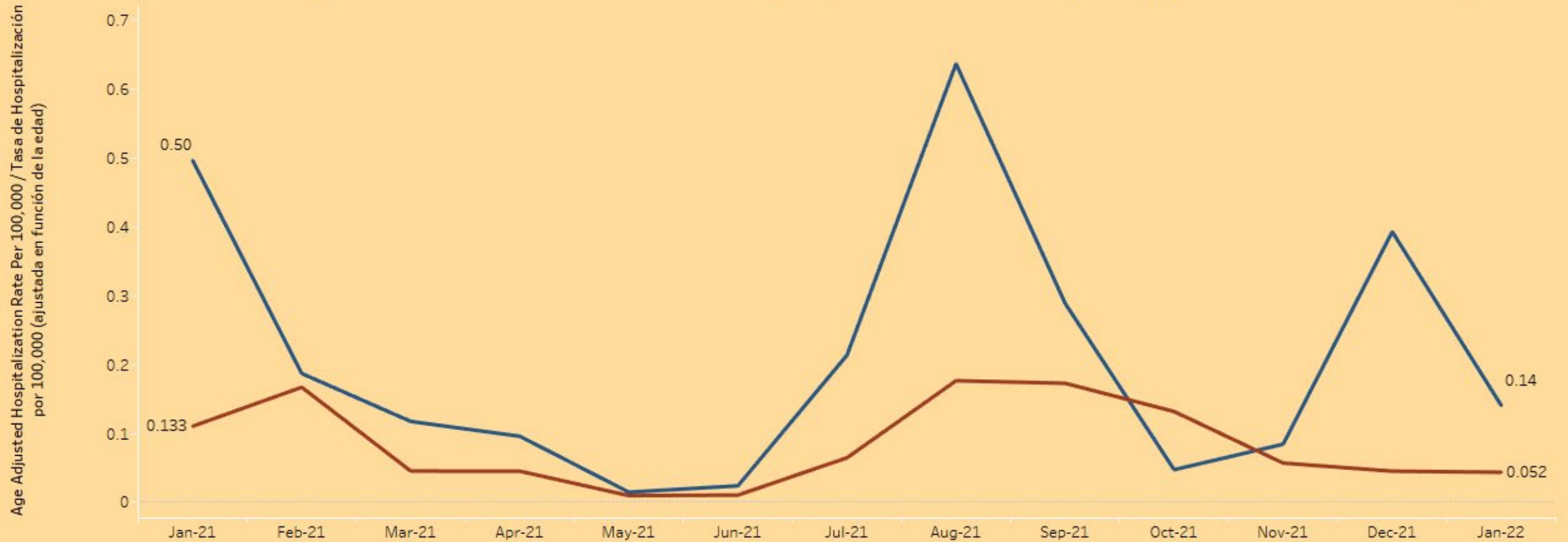


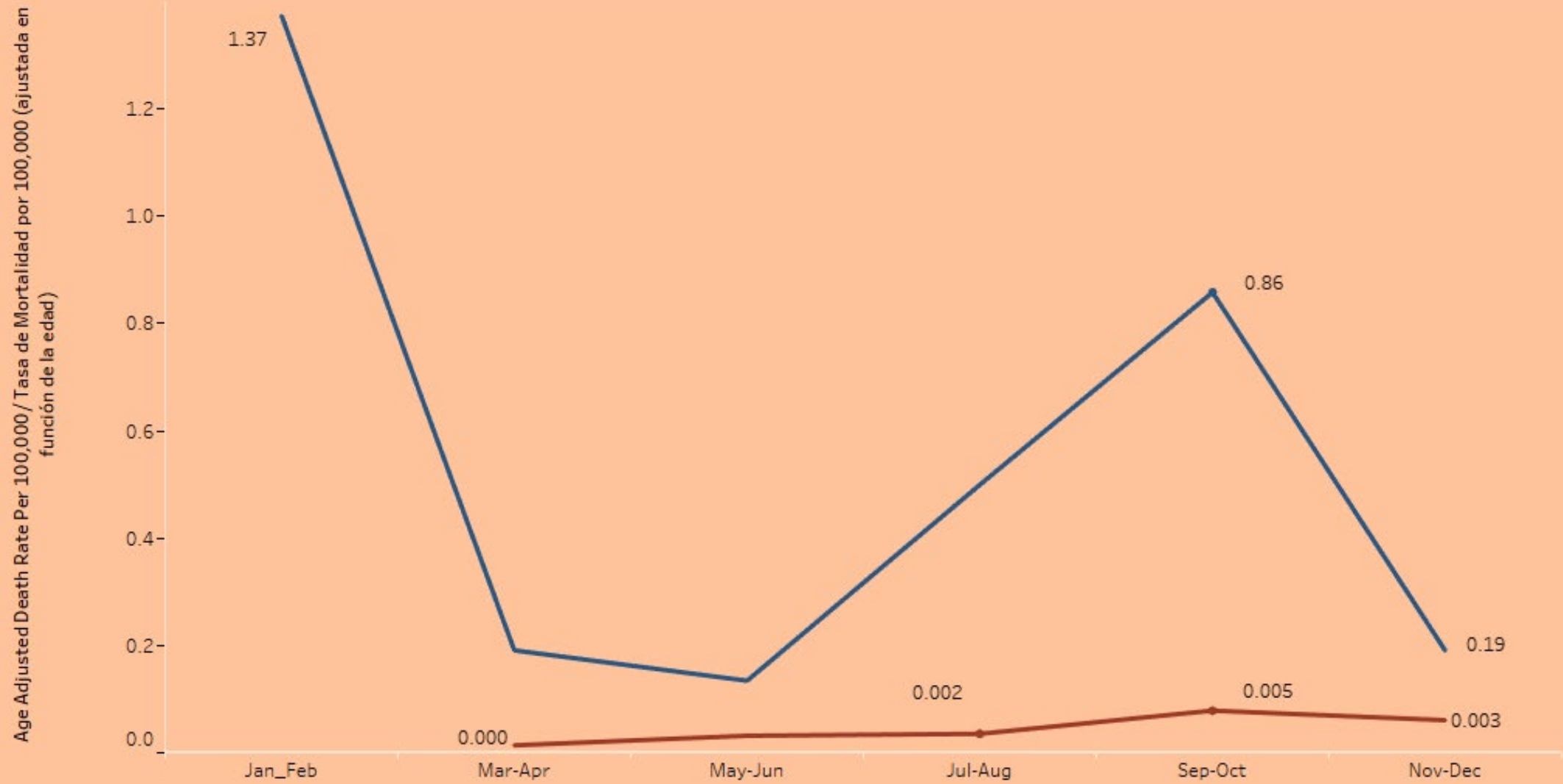
The Trend of Weekly New-Case Rates Between Vaccinated and Unvaccinated (12+ Population)

The Most Recent Weekly New-Case rate in unvaccinated is ~10 times higher than vaccinated.

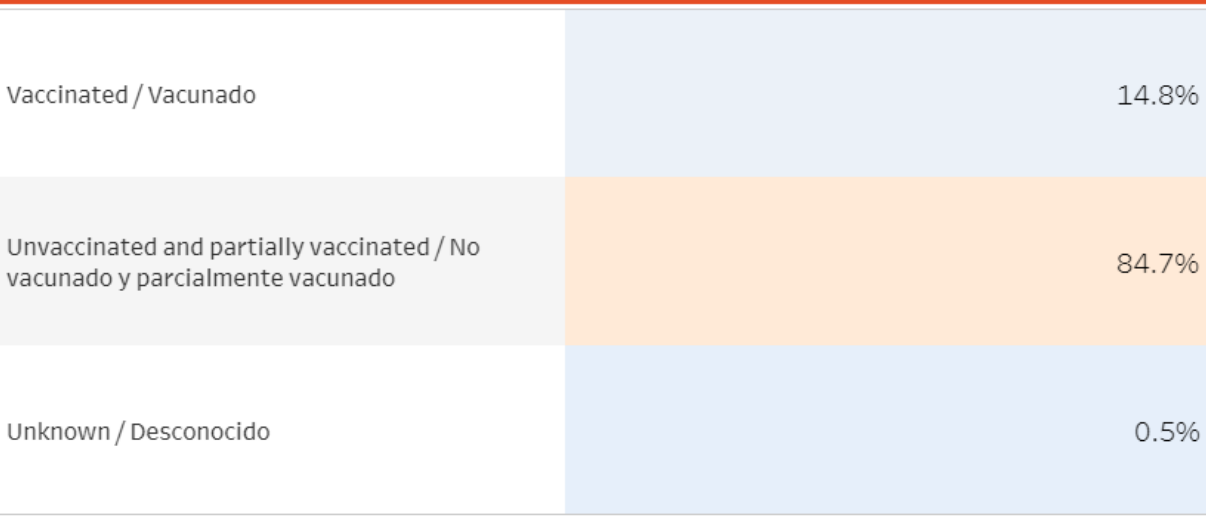


Hospitalization Rate of COVID-19 Among Unvaccinated and Fully-Vaccinated by Month (adjusted for age)
Tasa de Hospitalización de COVID-19 Entre No Vacunados y Completamente Vacunados por Mes (ajustada en función de la edad)

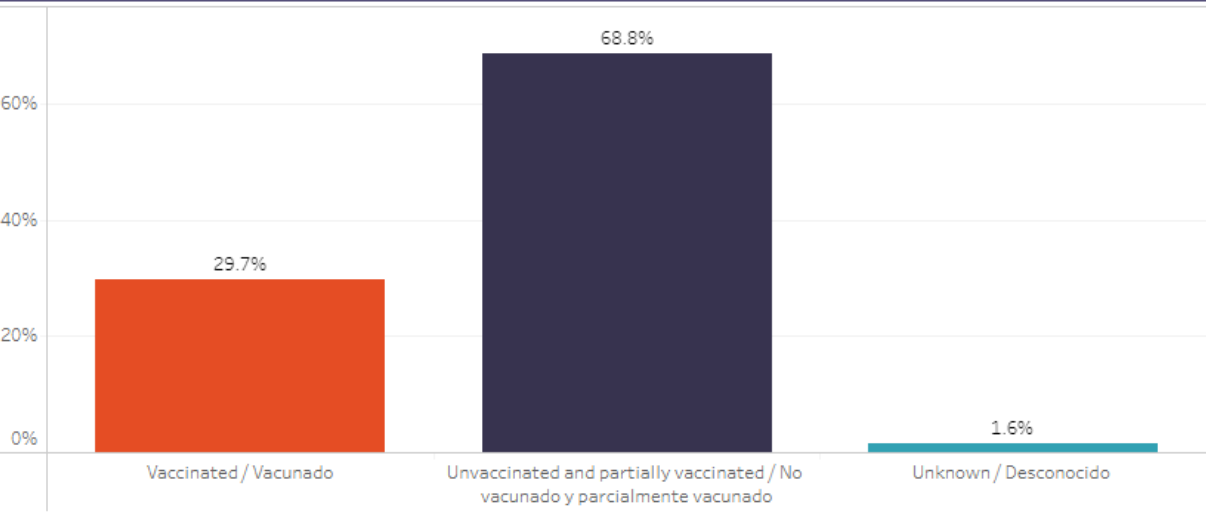




Vaccination status of hospitalized cases/Estado de vacunación de casos hospitalizados



Vaccination status of cases in ICU/Estado de vacunación de casos en la UCI



COVID-19 HOSPITALIZATIONS & DEATHS BY VACCINATION STATUS

Average Age hospitalized / Edad Promedio hospitalizado

Unvaccinated and partially vaccinated / No vac..	Vaccinated / Vacunado
61	74

Average age at death according to vaccination status /Edad media en el momento de la muerte según el estado de vacunación

Unvaccinated/ No Vacunado	Vaccinated / Vacunado
75	82



OUTBREAKS

Current Outbreaks/*Brotos actuales*

Last updated/*Última actualización*: 1/21/2022

	Closed	Open	Grand Total
Congregate setting/ Entorno de vivienda agrupada	50	22	72
Workplace/ Entorno laboral	122	22	144

Data Source: Napa County Public Health

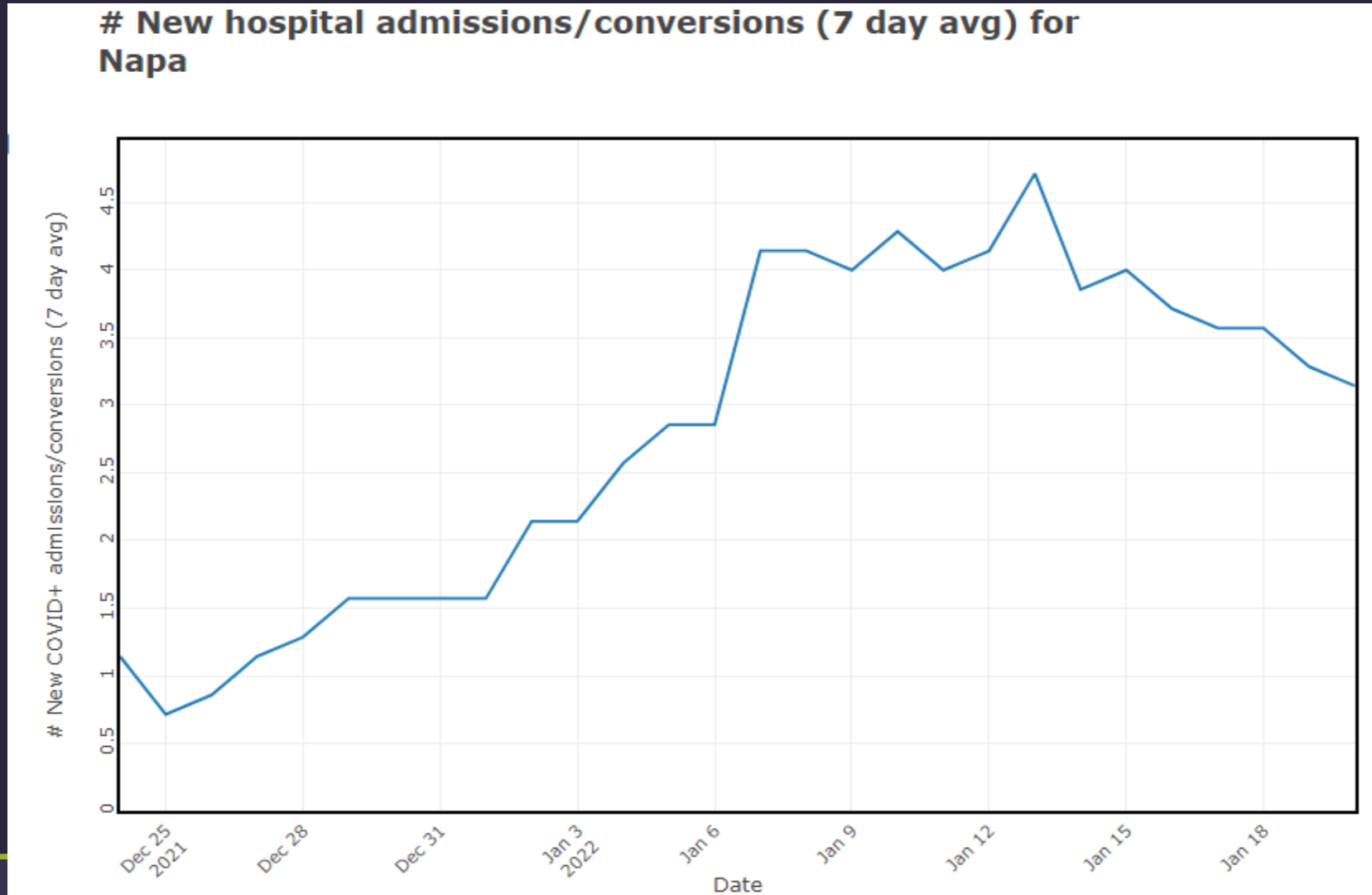
	School Exposures/ Exposiciones en las escuelas	School Outbreaks/ Brotos escolares
1/21/2022	65	7



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NEW HOSPITAL ADMISSIONS

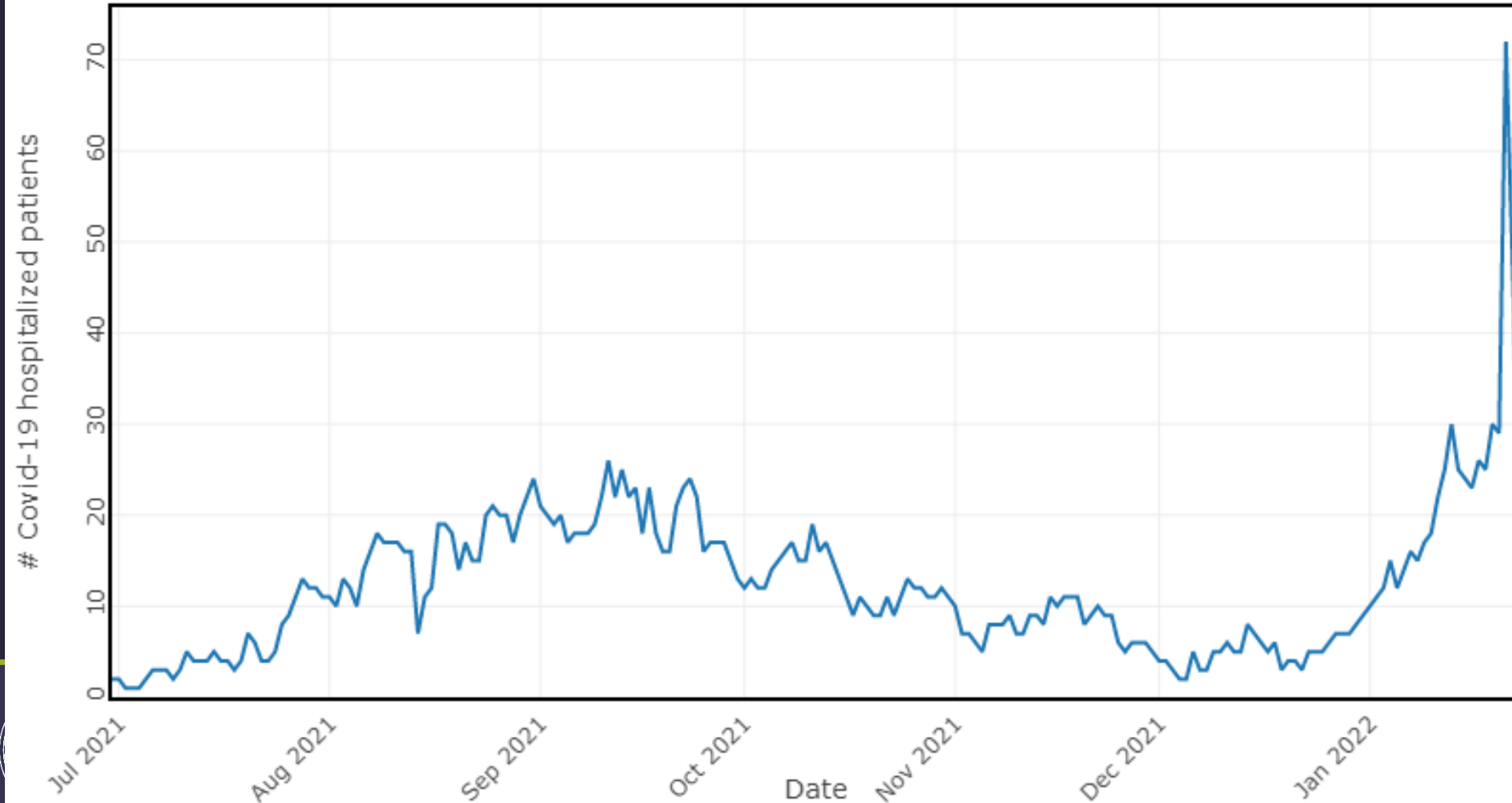


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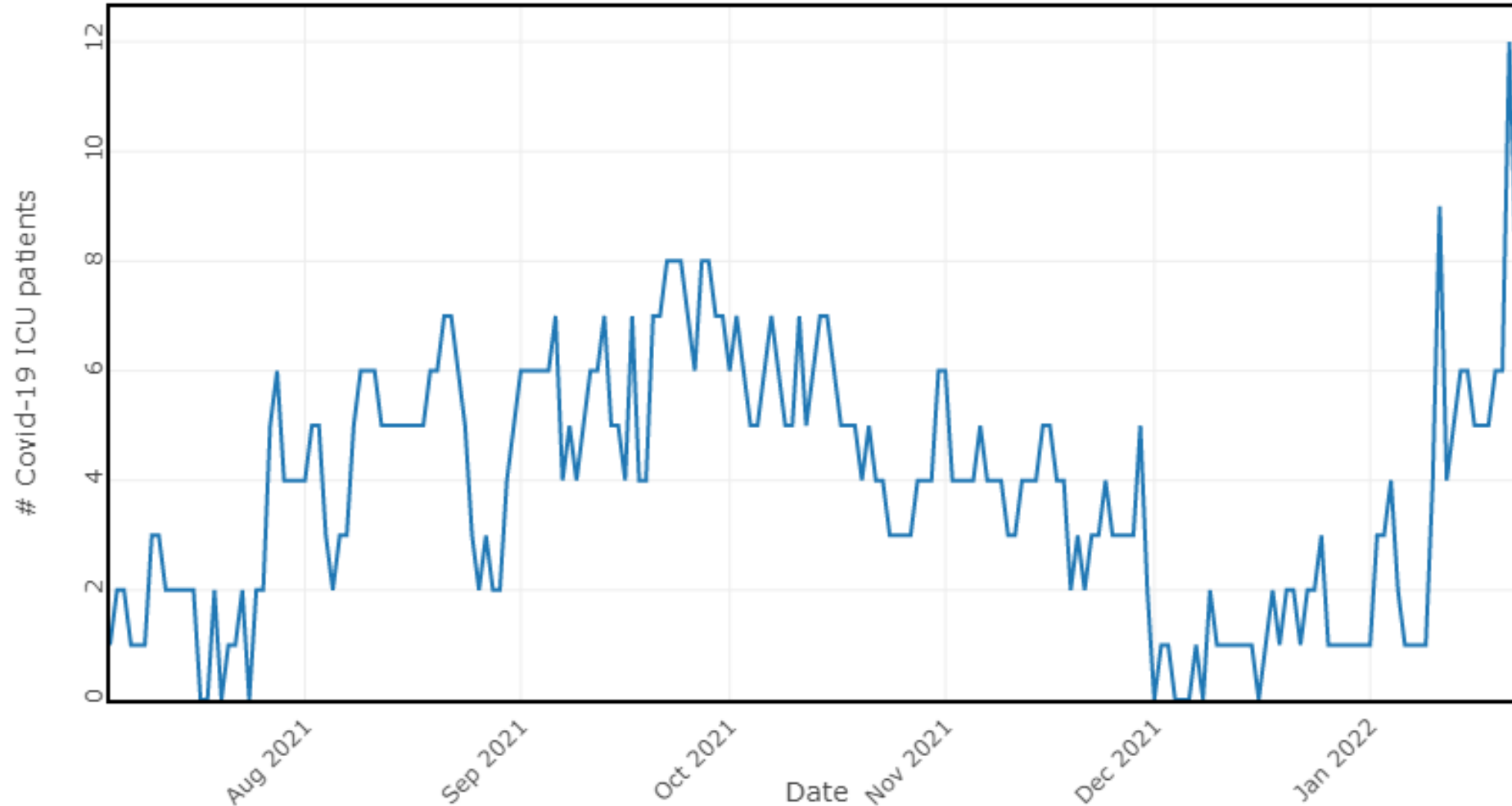
HOSPITALIZED PATIENTS THAT ARE COVID+

of hospitalized patients that are COVID+ for Napa



ADULT ICU PATIENTS THAT ARE COVID+

of adult ICU patients that are COVID+ (hosp w/ ED) for Napa

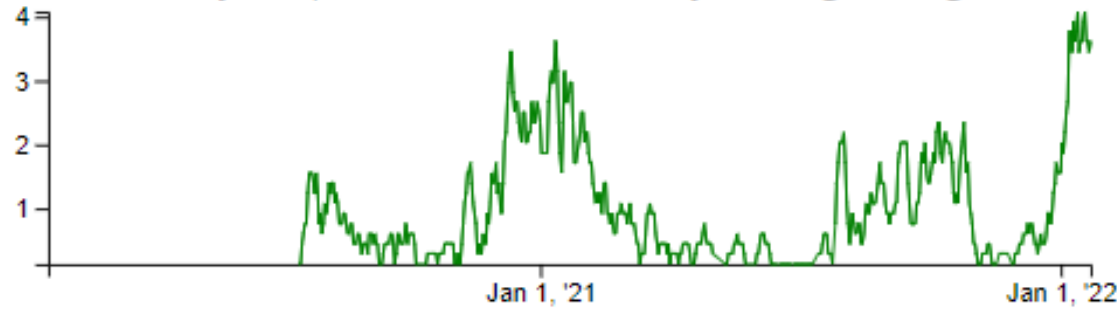


New Admissions (last 7 days) 23
Rate of New Admissions per 100 beds (last 7 days) 16.79
Rate of New Admissions per 100k people (last 7 days) 16.7
% Change (last 7 days) 0.00

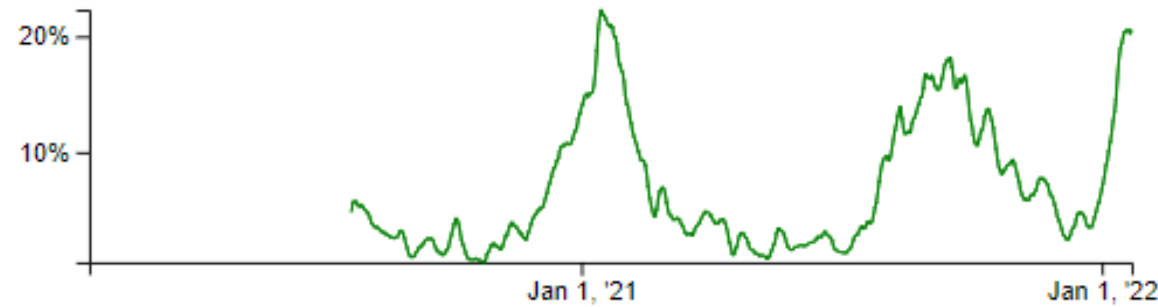
% Beds Used (last 7 days) 18.67
% Change (last 7 days) 1.02

% ICU Beds Used (last 7 days) 23.45
% Change (last 7 days) 0

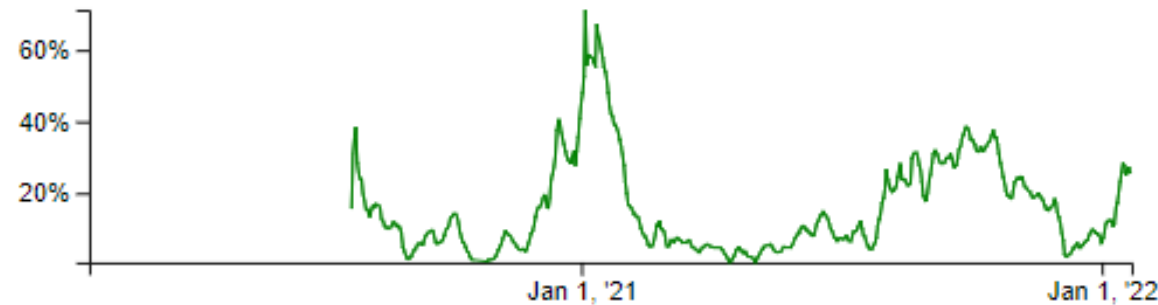
Daily Hospital Admissions - 7-Day Moving Average



Daily % Beds Used



Daily % ICU Beds Used



HOSPITAL UTILIZATION: CDC

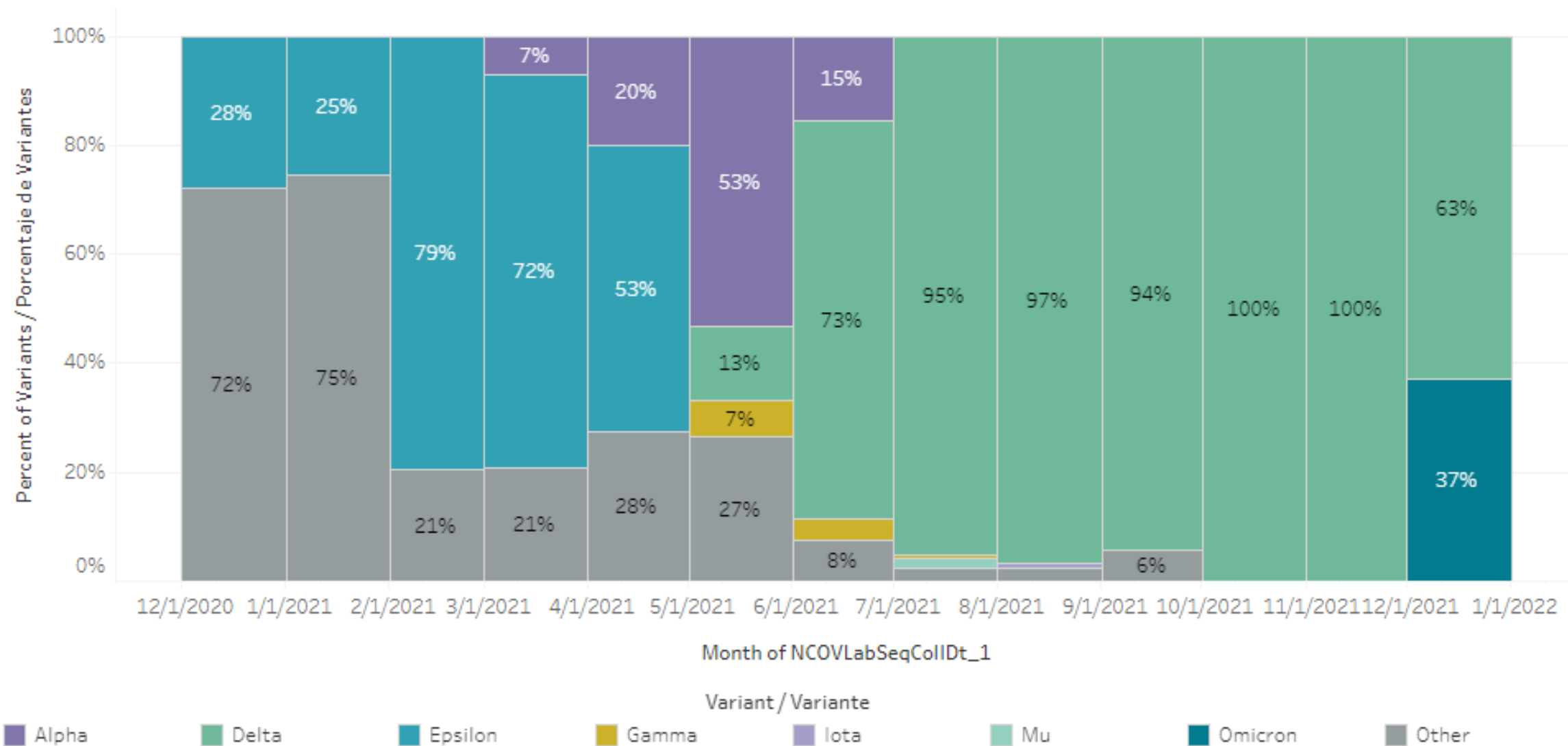


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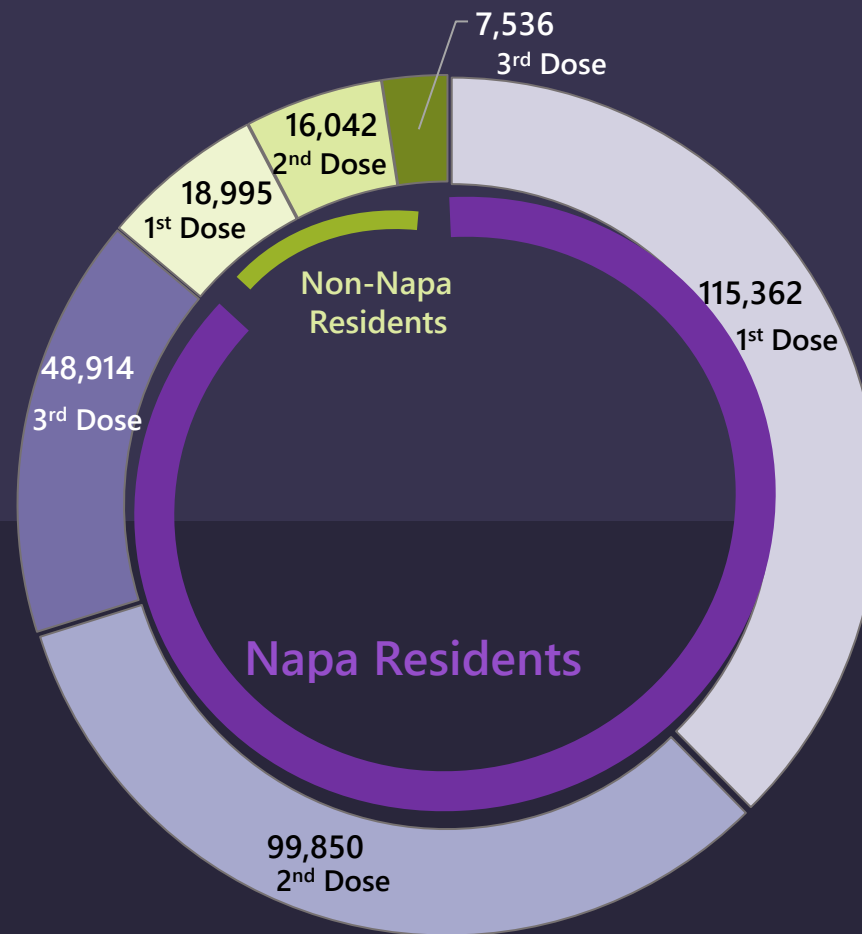


VARIANTS IN NAPA COUNTY

Variants by Month / *Variantes por Mes*



DOSES ADMINISTERED TO RESIDENTS & NON-RESIDENTS



As of 1/24/2022

Total Doses Administered in
Napa County = 305,757
(+3,737 since last week)

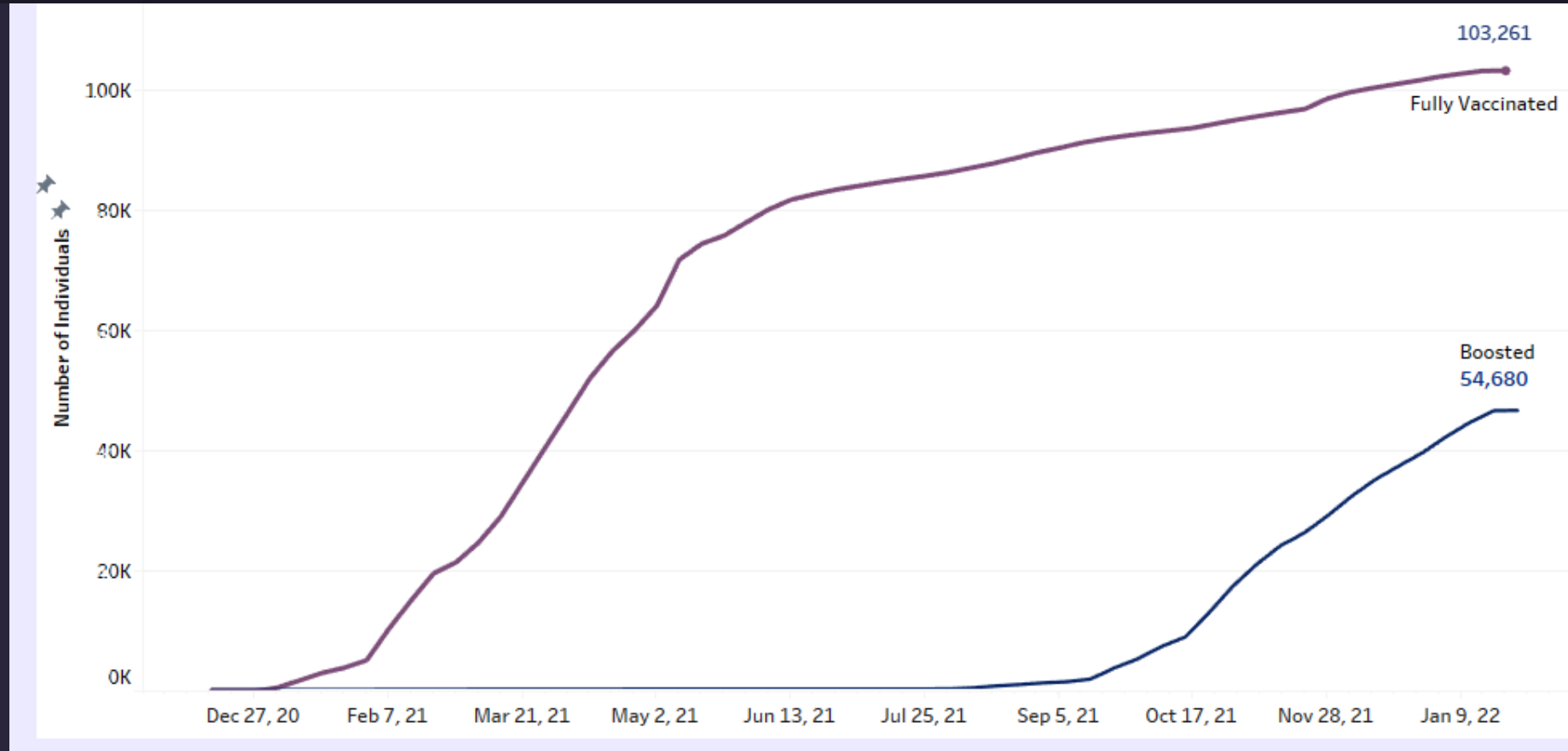
Total Doses Administered to
Napa Residents = 264,539
(+3,360 since last week)



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88 % of eligible Napa County residents partially vaccinated.
79 % of eligible Napa County residents are fully vaccinated.
74.1 % of ALL Napa County residents are fully vaccinated.
54 % of all eligible Napa County residents are boosted.



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As reported 1/24/2022



MITIGATION OF HEALTHCARE IMPACTS

- Higher hospital census, less staffing, inability to discharge stable COVID positive patients to SNF/LTCF due to staffing and outbreaks
- CDPH Licensing [AFL 21-08 \(ca.gov\)](#) allows infected healthcare workers without symptoms to work without isolation and testing until Feb 1.
- State Health orders requiring healthcare workers to be boosted by Feb 1, 2022
 - [Healthcare Worker Booster Requirement](#)
 - [Adult Care Facilities and Direct Care Worker Vaccine Requirement](#)
 - [State and Local Correctional Facilities and Detention Centers Health Care Worker Vaccination Requirement](#)
- Statewide [Indoor Masking Order](#) extended to February 15



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TREATMENT OPTIONS FOR OMICRON VARIANT TO PREVENT HOSPITALIZATIONS

Available treatments

- Monoclonal antibodies
 - Sotrovimab
- Antivirals
 - Paxlovid (pills)
 - Molnupiravir (pills)
 - Remdesivir (IV)
 - Molnupiravir (pills)

Order of treatment

- Treatment in descending order
 - Sotrovimab
 - Paxlovid
 - Remdesivir
 - Molnupiravir
- Using more than one drug simultaneously not recommended according to FDA EUA guidelines



TREATMENT ELIGIBILITY

- Treatments available for Omicron are in scarce supply
- Patients meeting the below criteria may be eligible for treatment:
 - Patients who are symptomatic with mild to moderate COVID-19 AND
 - Have positive results of direct SARS-CoV-2 viral testing AND
 - Are at high risk for progressing to severe COVID-19 and/or hospitalization

--PLUS--

- When supplies are limited, prioritizing high-risk patients with moderate illness in the following order:
 - Immunocompromised or on immunosuppressive medications
 - Incompletely vaccinated AND > 65 years of age with risk factors for severe disease
 - > 65 years of age with risk factors for severe disease

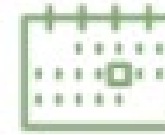


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BOOSTER ELIGIBILITY

- Recommended for everyone 12 and older.
- Eligibility requirements:
 - 5 months have passed since second dose of Moderna (18+)
 - 5 months have passed since second dose of Pfizer (12+)
 - 2 months have passed since Johnson & Johnson dose (18+)



VACCINE CALENDAR*

COVID-19 Vaccination

Click on any of the sections for more information or click on the following links for flyers in [English](#) and [Spanish](#) that contain general vaccine information as well as access information.

Vaccines
for Ages
5-11

Vaccines
for Ages
12 and
Older

Boosters



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TESTING DEMAND EXCEEDS SUPPLY

- Multiple test sites across the county, operated by outside vendors and healthcare systems still have longer wait times for testing and results
- State-contracted testing site has increased lanes and operating hours, but staffing shortages has decreased capacity with short notice
- Four antigen home tests per household are being offered for free by the Federal government: <https://www.covidtests.gov/>
- CLIA-waived antigen tests are being passed through from CDPH for healthcare entities, visitors of DSS-licensed facilities using a health equity framework



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WHAT IS THE FUTURE?



PREPARING TO TRANSITION FROM PANDEMIC TO ENDEMIC

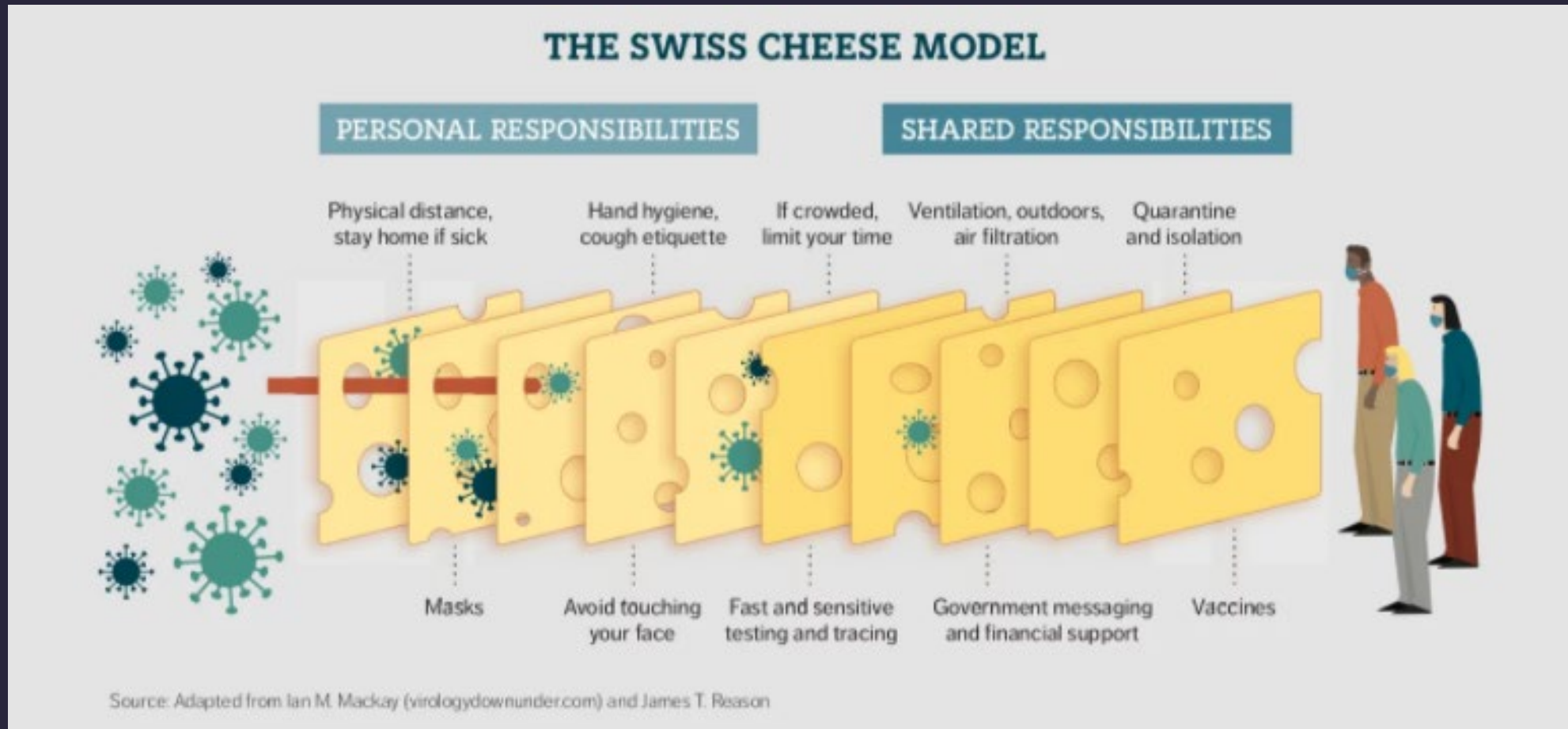
- Case reporting may transition to reporting hospitalizations, deaths and outbreaks
- Increased availability of home tests with goal of reducing transmission
- Increasing supply of therapeutics
- Increasing vaccination/boosting rates
- Encouraging a layered approach for protection against COVID-19



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LAYERED COVID PREVENTION

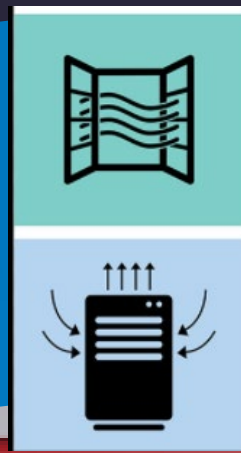


Each layer has imperfections and multiple layers improve success



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Good	Better	Best
Fabric mask with 3 or more cloth layers	Double mask (surgical + cloth mask)	N95 KN95 KF94



COVID-19 TOOLBOX

