

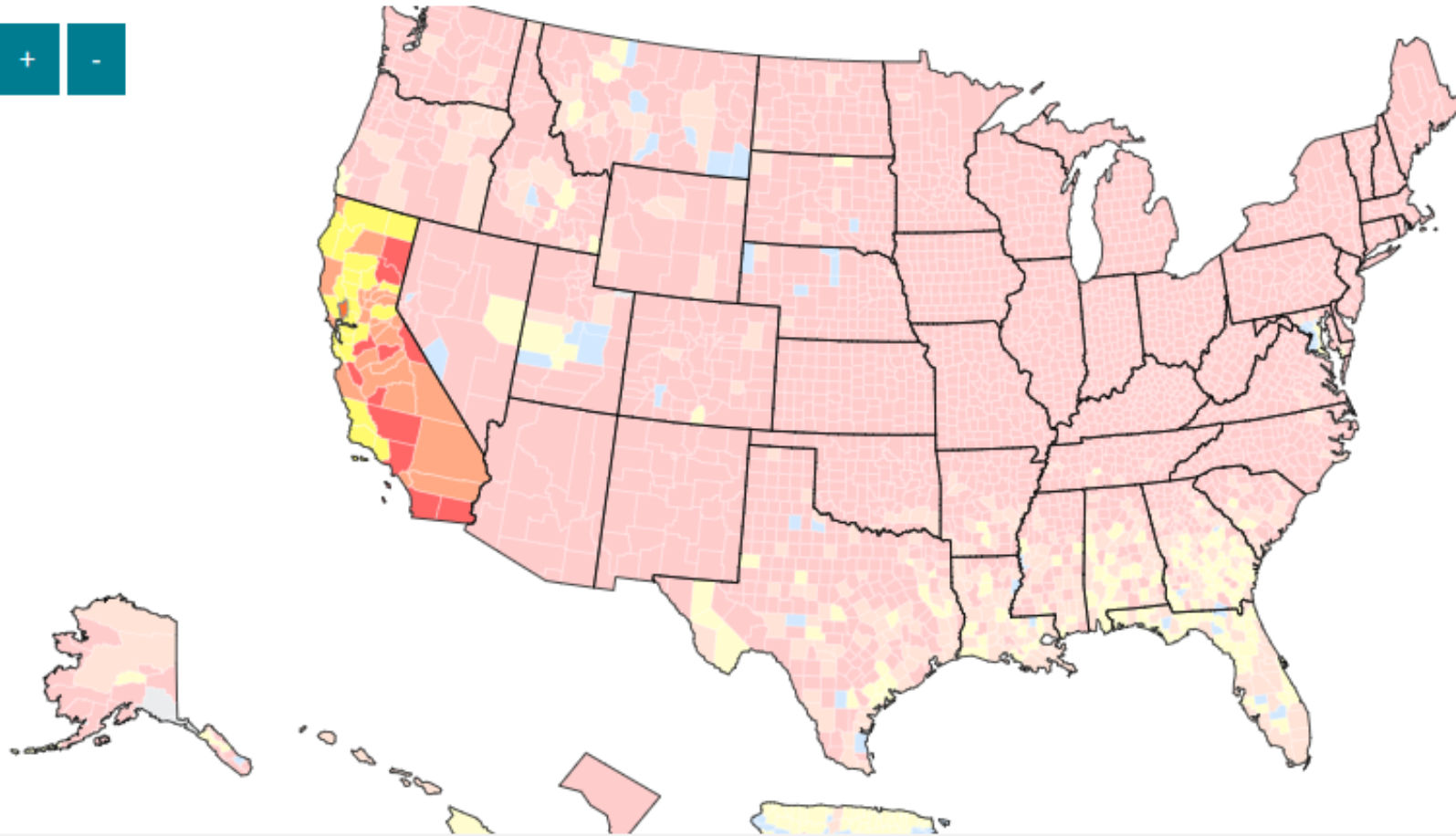


# COVID-19 (SARS-CoV-2) UPDATES

December 14, 2021

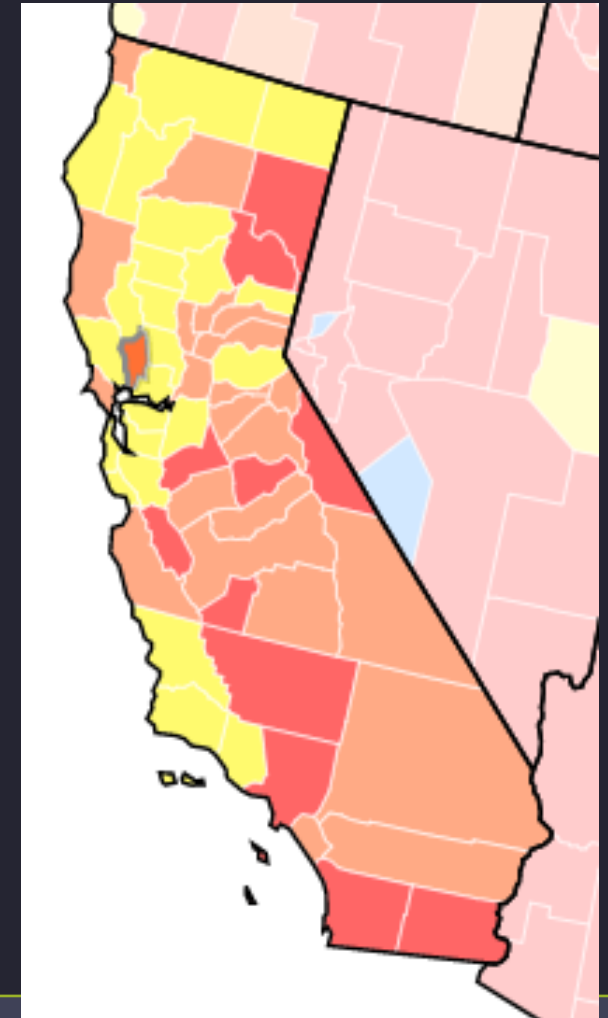
Karen Relucio, MD  
Public Health Officer  
Deputy Director of HHSA

# CDC COMMUNITY TRANSMISSION MAP



● High ● Substantial ● Moderate ● Low ● No Data

Current 7-days is Mon Dec 06 2021 - Sun Dec 12 2021 for case rate and Sat Dec 04 2021 - Fri Dec 10 2021 for percent positivity. The percent change in counties at each level of transmission is the absolute change compared to the previous 7-day period.



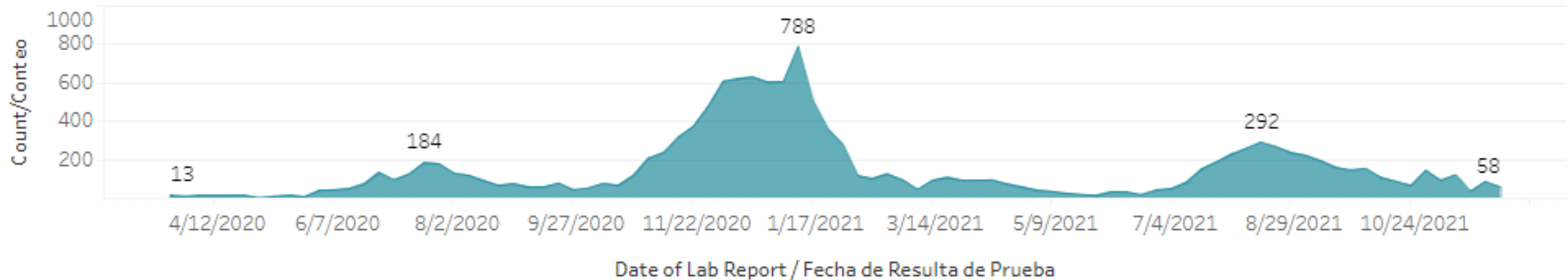
# CASE TRENDS



## Monthly Summary / Resumen Mensual

	Cases / Casos	Hospitalizations / Hospitalizaciones	Deaths / Muertes
September	827 ▼28%	54 ▼34%	7 0%
October	465 ▼44%	31 ▼43%	6 ▼14%
November	405 ▼13%	12 ▼61%	2 ▼67%

## Timeline of Cases by Week / Cronología de Casos por Semana



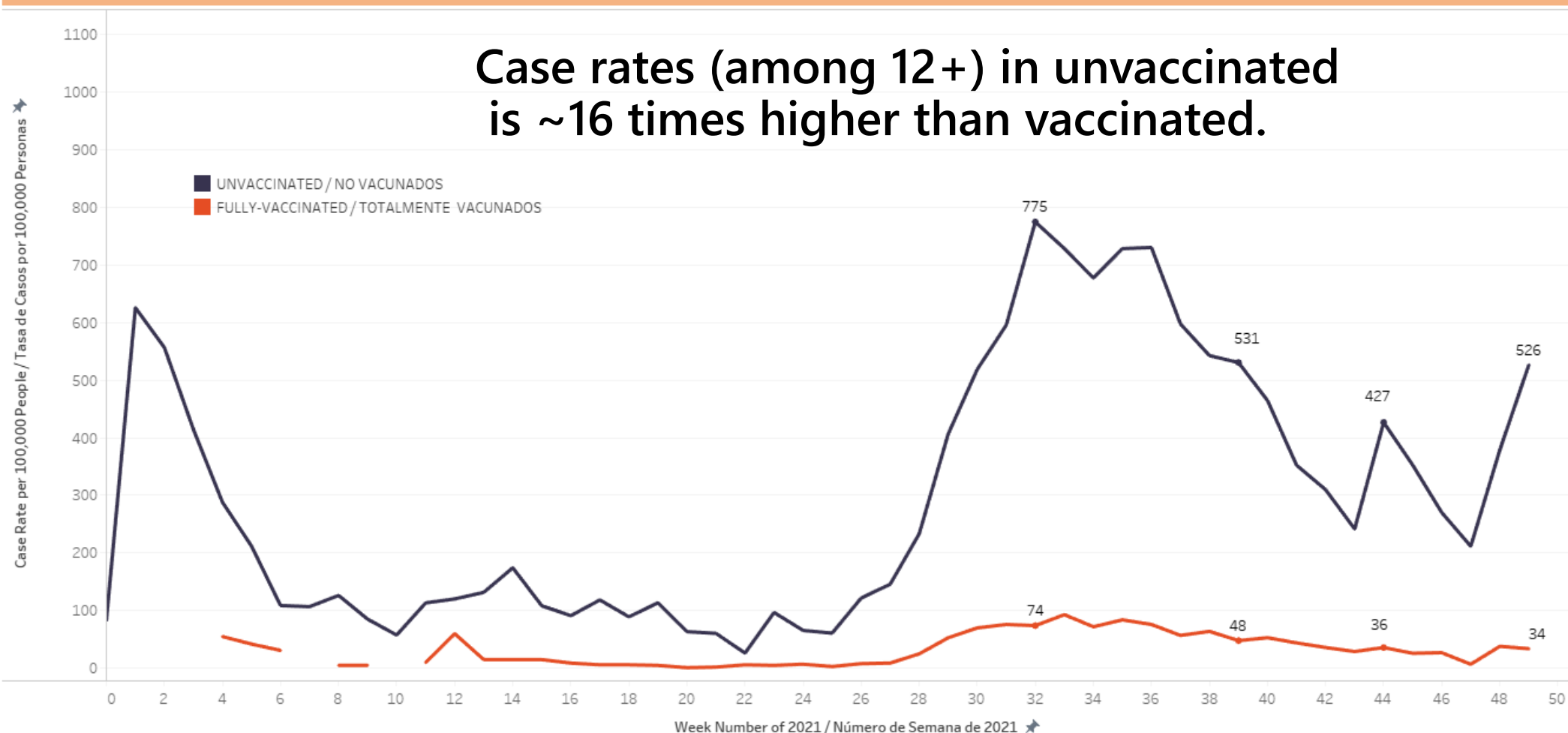
As reported 12/13/2021



## Rates of COVID-19 Among Unvaccinated and Fully-Vaccinated 12+ Populations

Last updated / Última actualización: 12/13/2021

Tasa de COVID-19 Entre Poblaciones 12+ No Vacunadas y Completamente-Vacunadas



Source/Fuente: Napa County Public Health, CA Department of Public Health, CA Immunization Registry

# POST BLUEPRINT METRICS



Measures	CDPH Estimates for Napa
New Cases per 100,000 population per day 7-day average	5.9
Testing positivity 7-day average	1.7%
Health equity testing positivity	1.8%

## Napa County COVID-19 Response Snapshot

### Respuesta al COVID-19 - Resumen del Condado de Napa

Week of / Semana de: 12/5 - 12/11 2021

#### Epidemiological Stability Estabilidad Epidemiológica

Outbreaks  
Brotos



Compared to last week  
/ En comparación con  
la semana pasada



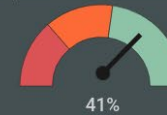
5  
Congregate  
Setting-  
Entorno De  
Vivienda  
Agrupada

#### Hospital Capacity / Capacidad de los Hospitales

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

Total Beds (including Med Surge)

No. total de camas (incluyendo durante sobrecarga médica)



ICU Beds / Camas de UCI



Ventilators / Ventiladores



#### Disease Severity

#### Gravedad de la Enfermedad

Hospitalizations  
Hospitalizaciones^

Last Week/La  
Semana Pasada

3

2 Weeks  
Ago/Hace Dos  
Semanas

1

Metric: Deaths/Muertes^

Last Week/La  
Semana Pasada

0

2 Weeks  
Ago/Hace Dos  
Semanas

1

\*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.

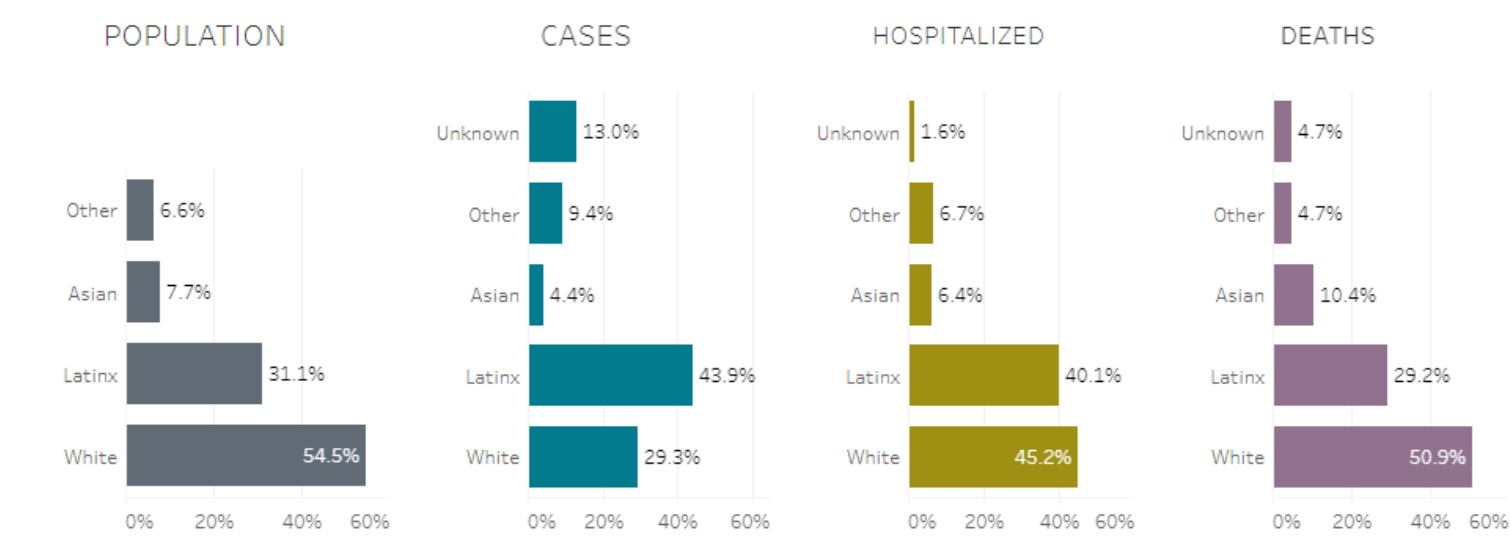
Source/Fuente: Napa County Public Health, CA Department of Public Health, CA Emergency Medical Systems

# COVID-19 DEMOGRAPHICS



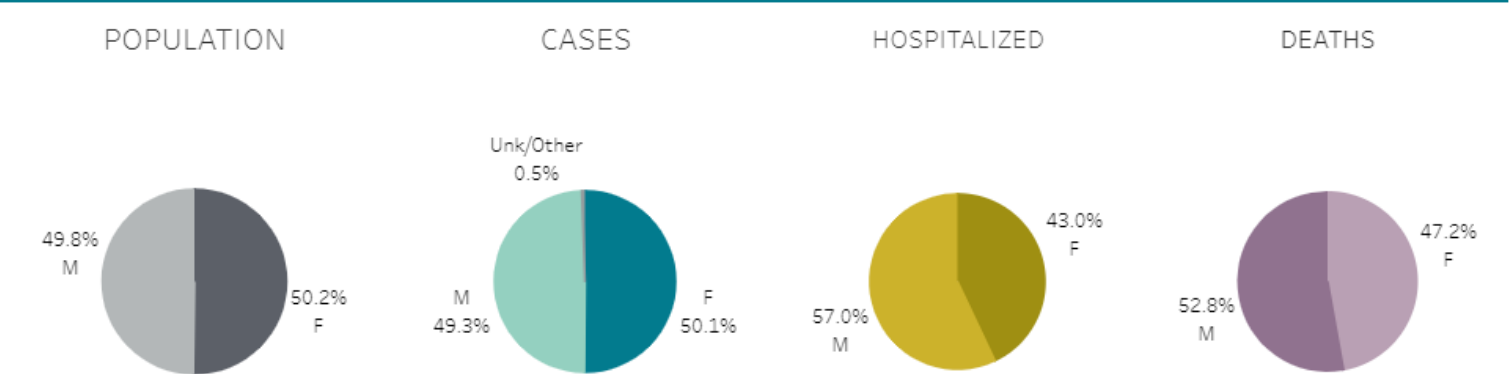
## Race & Ethnicity/ Raza y Etnia

Last updated /Última actualización: 12/10/2021



As of 12/13/2021:  
13,541 Total Cases  
627 Total Hospitalizations  
106 Total Deaths

## Gender / Género



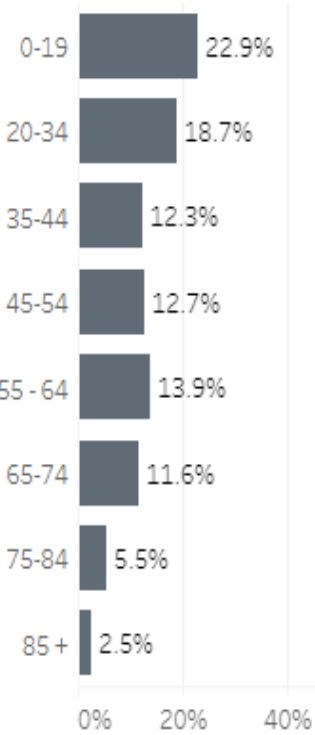
Source/Fuente: U.S. Census Bureau (2020); Napa County Public Health, CA Department of Public Health Napa County Coroner's Office



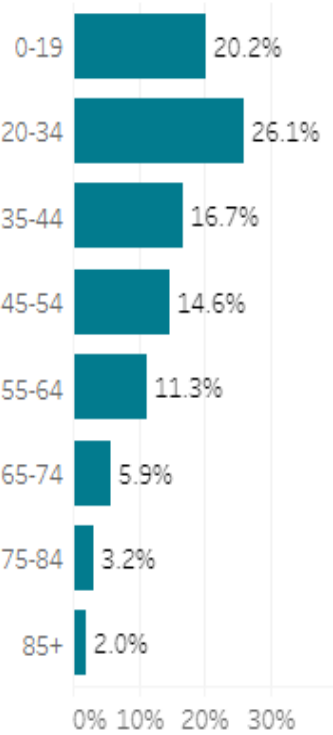
# COVID-19 DEMOGRAPHICS

## Age/ Edad

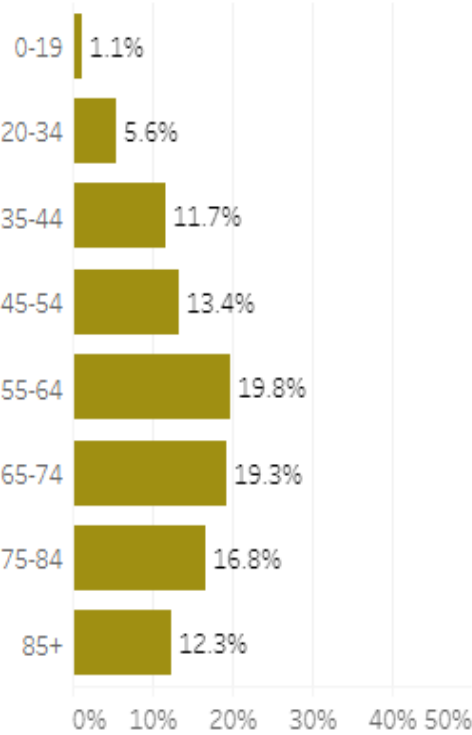
POPULATION



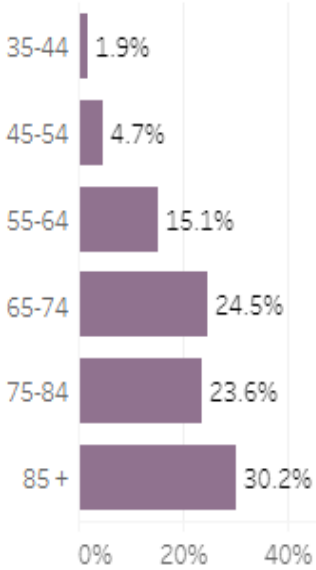
CASES



HOSPITALIZED



DEATHS

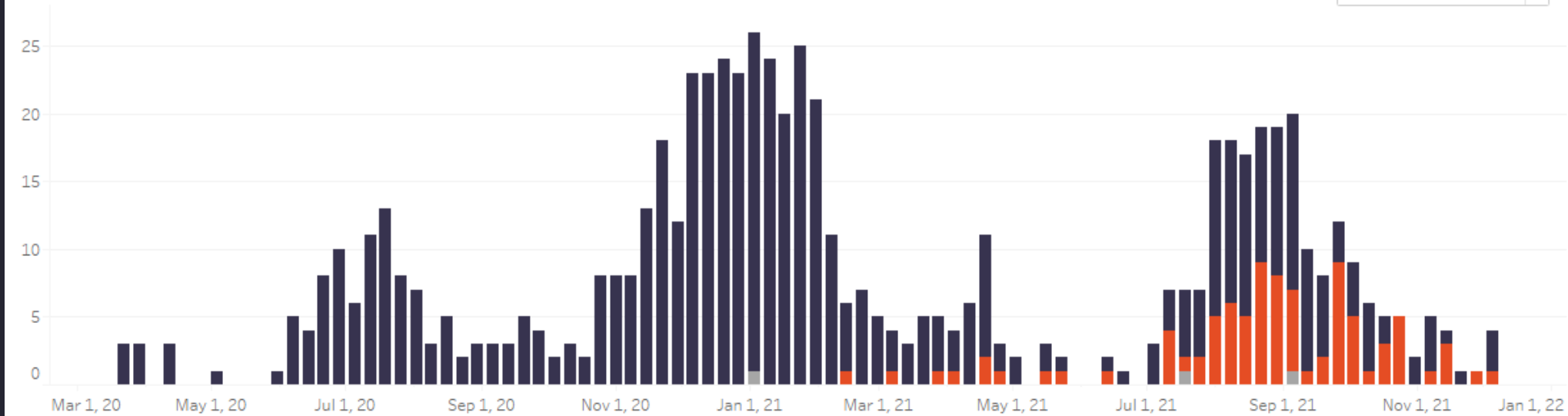


	Fully-Vaccinated	Unvaccinated
Average Age at Hospitalization	75	61
Average Age at Death	82	74

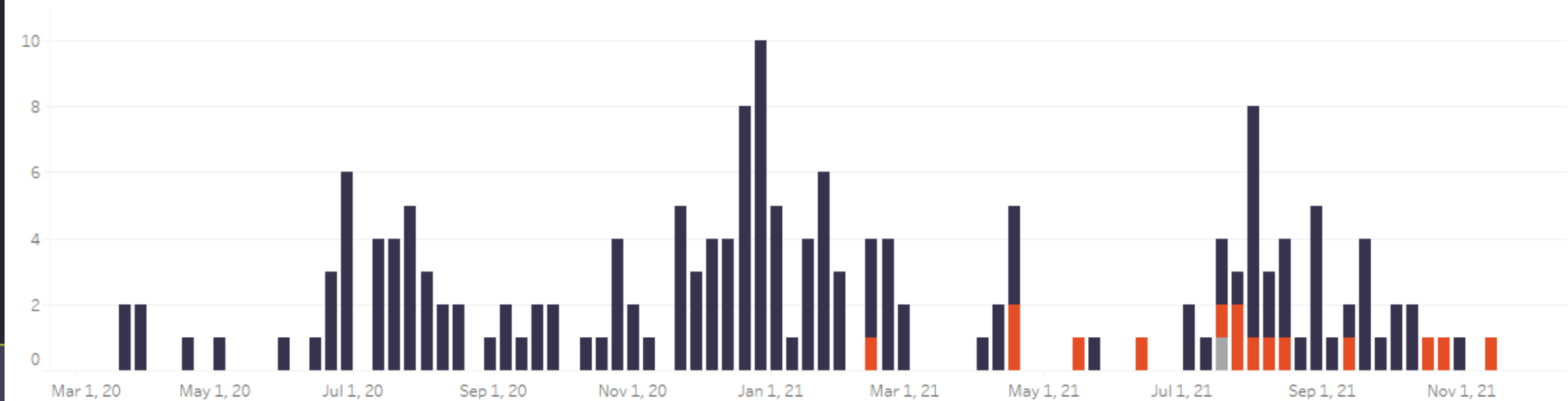
## Hospitalization Admit Date/ Fecha de admisión al hospital

Date Level Selector

Week



## ICU Admit Date/ Fecha de admisión a la UCI





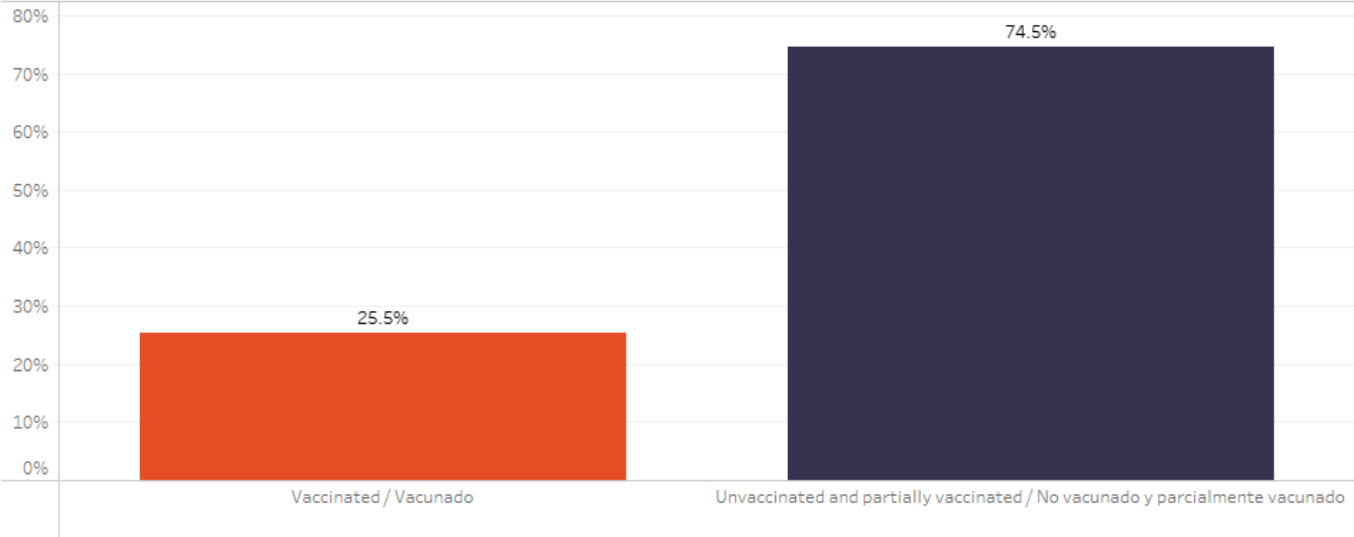
# COVID-19 HOSPITALIZATIONS



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

Vaccinated / Vacunado	12.9%
Unvaccinated and partially vaccinated / No vacunado y parcialmente vacunado	86.6%
Unknown / Desconocido	0.4%

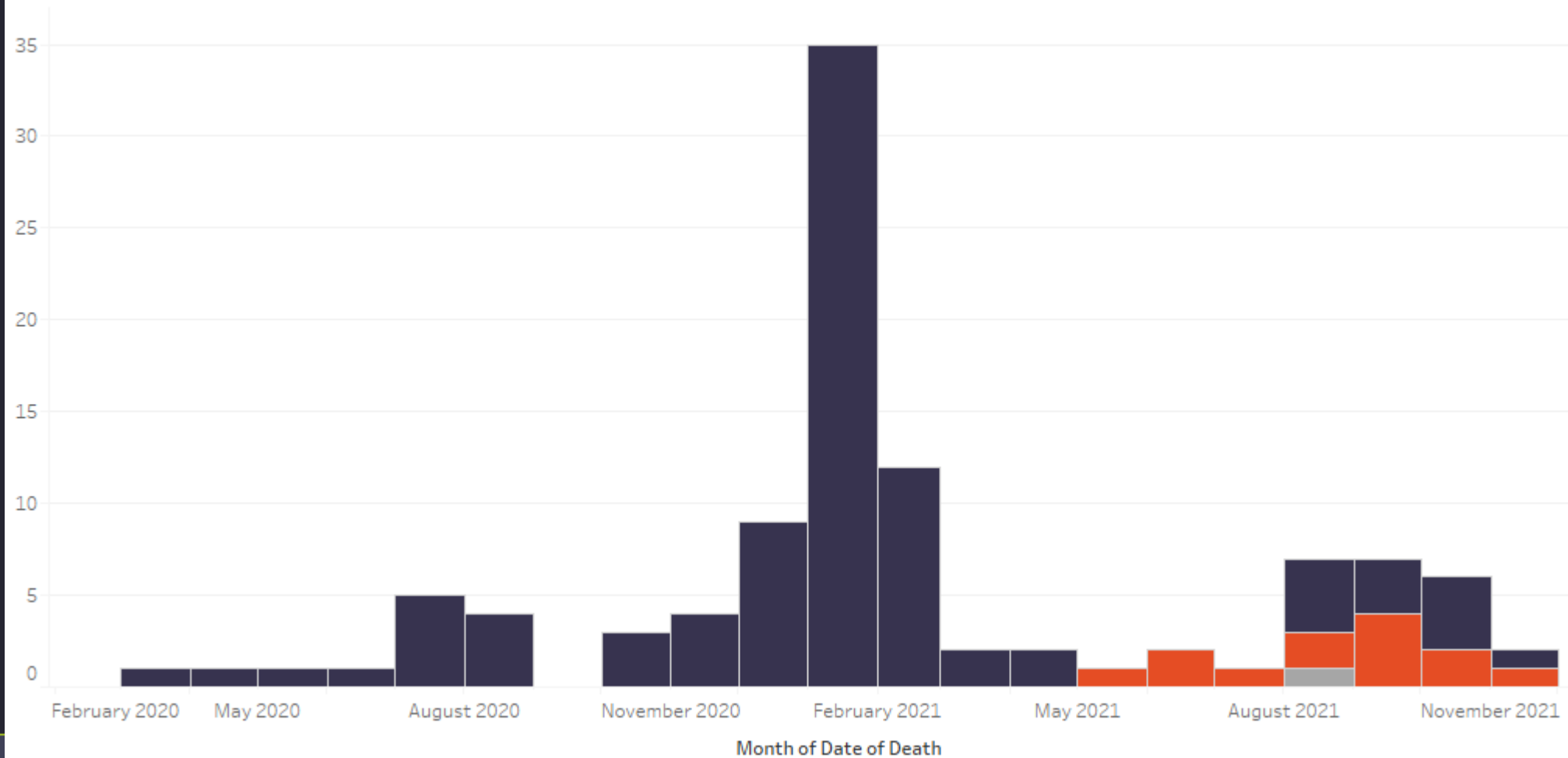
Vaccination status of cases in ICU/*Estado de vacunación de casos en la UCI*





# DEATHS BY VACCINATION STATUS

Date of Death by vaccination status / *Fechas de muertes por estado de vacunación*



# OUTBREAKS



## Current Outbreaks/*Brotos actuales*

	Closed	Open	Grand Total
Congregate setting/ Entorno de vivienda agrupada	49	5	54
Workplace/ Entorno laboral	71	1	72

25

Schools currently with exposures

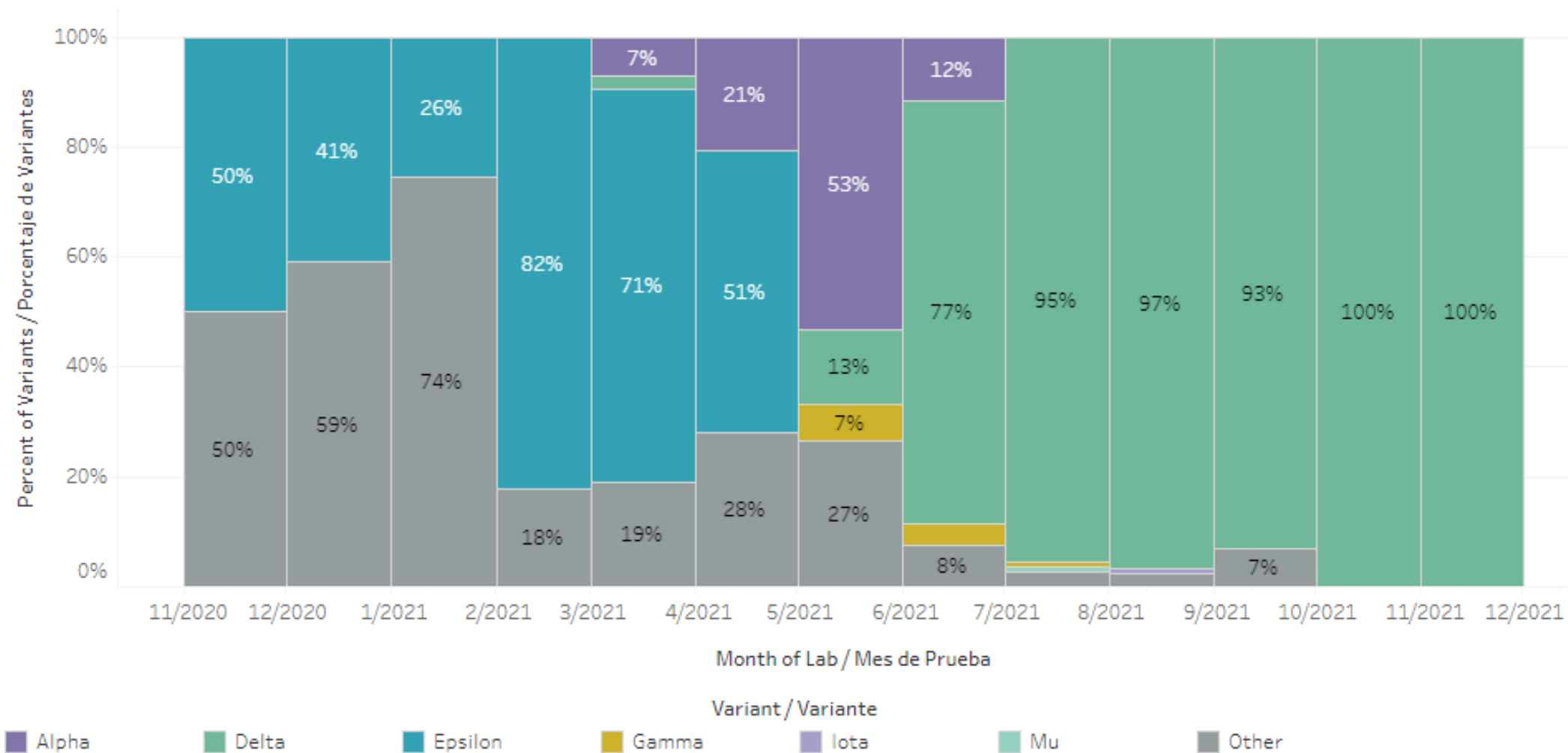
0

Schools currently experiencing outbreaks

# VARIANTS IN NAPA COUNTY



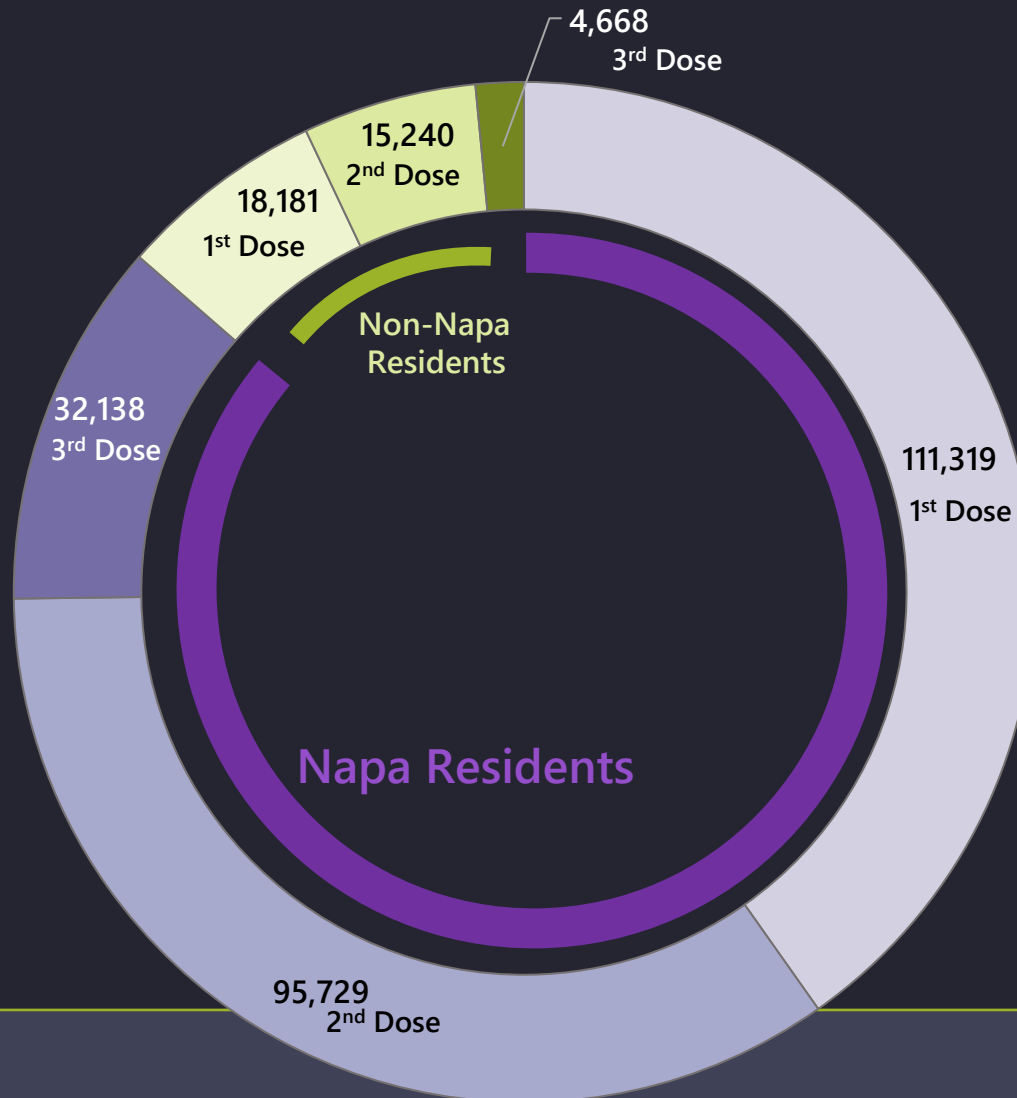
Variants by Month / *Variantes por Mes*



# DOSES ADMINISTERED TO RESIDENTS & NON-RESIDENTS



As reported 12/13/2021



Total Doses Administered in Napa County = 276,808 (+5,278 since last week)

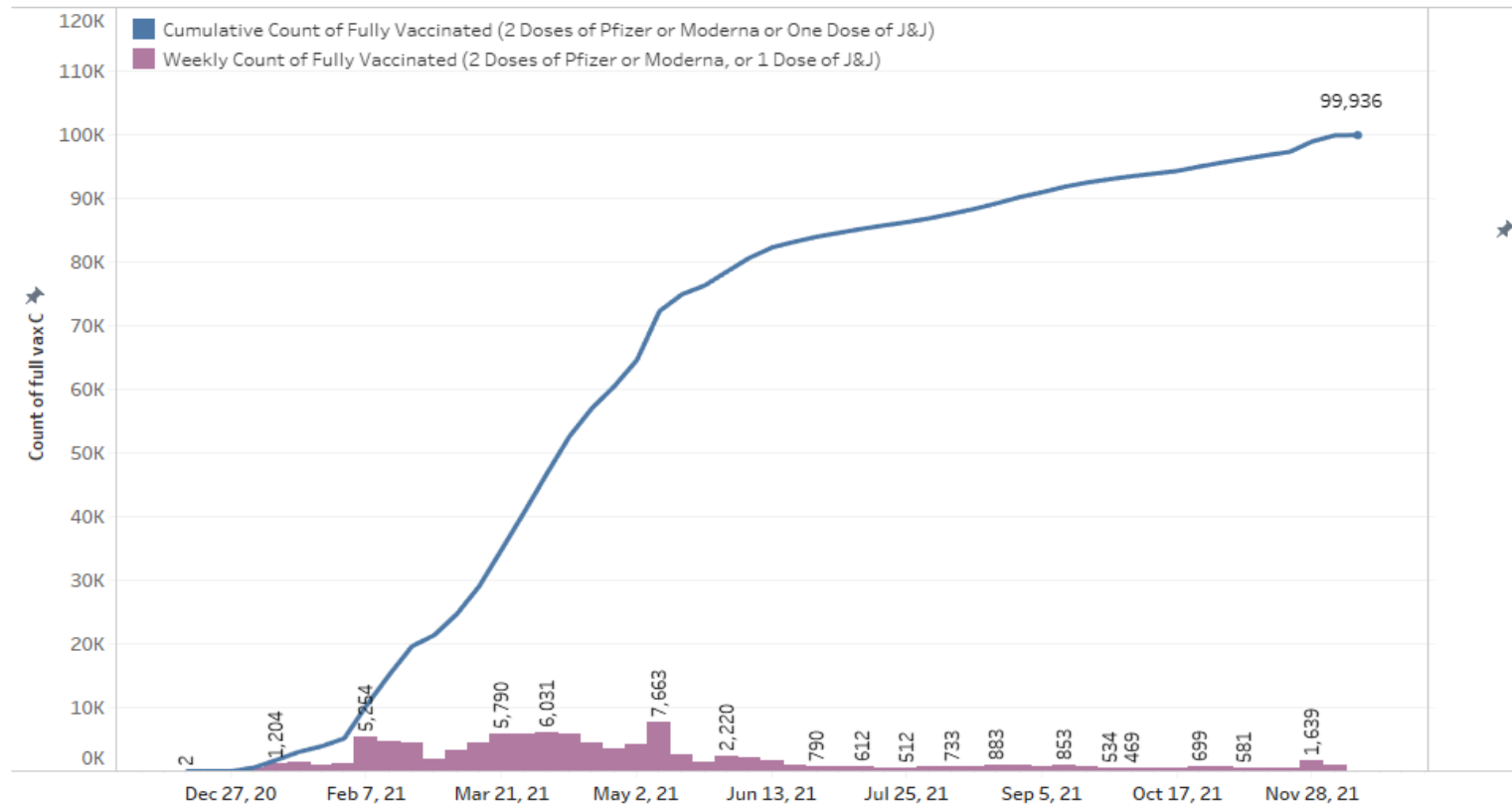
Total Doses Administered to Napa Residents = 239,439 (+4,435 since last week)

# VACCINES ADMINISTERED TO RESIDENTS



85 % of eligible Napa County residents partially vaccinated.  
76 % of eligible Napa County residents are fully vaccinated.  
71.3 % of the entire Napa County residents are fully vaccinated.

As reported 12/13/2021



# OMICRON VARIANT: B.1.1.529



- New SARS-CoV-2 variant of concern, B.1.1.529, first detected in South Africa, now in 29 US states and 6 CA counties/1 city health jurisdiction
- Variant has many spike protein mutations that impact infectiousness and the ability for immune systems to protect against infection.
- Classified as a variant of concern due to risk of immune escape and potentially increased transmissibility
- It is currently unclear if infection with the Omicron variant is associated with more severe disease or how it might impact response to treatment – so far, less hospitalizations
- CDPH monitoring through the COVIDNet, a public-private-academic laboratory partnership that provides genomic sequencing. Napa's regional PH lab is part of COVID Net
- CDPH and CDC increasing testing at airports across California

# NEW CALIFORNIA STATEWIDE INDOOR MASKING MANDATE



- California Department of Public Health is requiring masks to be worn in all indoor public settings, irrespective of vaccine status, for the next four weeks (December 15, 2021 through January 15, 2022).
- Since Thanksgiving, the statewide case rate has increased by 47% and hospitalizations have increased by 14%.
- The statewide masking requirement is in place to protect communities against the Omicron variant, to bring additional protection during the holidays when more travel occurs and time is spent indoors, and to protect hospital capacity.
- The statewide order supersedes any local health orders
- This does not change schools masking guidance



# CDPH STATE REQUIREMENTS FOR MEGA EVENTS – TESTING UPDATE



- Effective 12/15 - for those who cannot provide proof of full COVID-19 vaccination status, testing must be conducted 1 day for an antigen test and 2 days for a PCR test prior to entry into an event
- Changed from 72 hours prior to event

Restrictions Applying to Indoor & Outdoor Settings	
Definitions of Mega Events	Crowds greater than 1,000 (indoors) attendees Crowds greater than 10,000 (outdoors) attendees
UPDATE: Vaccine Verification / Negative Testing requirements to confirm identification	Required for <b>Indoor</b> Mega Events Recommended for <b>Outdoor</b> Mega Events Beginning December 15th - For those who cannot provide proof of full COVID-19 vaccination status, testing for Mega Events must be conducted within one day for antigen tests, and within two days for PCR tests prior to entry into the facility or venue.**

# TREATMENT OPTIONS ARE EXPANDING



- Monoclonal antibodies
  - Bamlanivimab plus etesevimab;
  - Casirivimab plus imdevimab; or
  - Sotrovimab
- Pre-exposure prophylaxis
  - Tixagevimab plus cilgavimab (Evusheld) - long-acting antibody combination for immunocompromised patients
- Oral antivirals
  - Molnupiravir – FDA committee (VRBPAC) voted to authorize this treatment by a narrow margin (13 yes, 10 no). Still awaiting official FDA EUA
  - Paxlovid – still awaiting FDA VRBPAC committee hearing



# MONOCLONAL ANTIBODIES

- This is first line treatment for milder COVID 19 disease
- Physicians should follow EUAs and, when limited supply, federal guidance suggests prioritizing the treatment of COVID-19 over post exposure prophylaxis of SARS-CoV-2 infection
- Prioritize anti-SARS-CoV-2 mAb therapy for unvaccinated or incompletely vaccinated individuals and vaccinated individuals who are not expected to mount an adequate immune response (e.g., individuals who are immunocompromised or on immunosuppressive medications or individuals aged  $\geq 65$  years).

# PRE-EXPOSURE PROPHYLAXIS



- Tixagevimab/cilgavimab (Evusheld) is a combination of two long-acting monoclonal antibodies administered via injection.
- For pre-exposure prophylaxis of immunocompromised (e.g., patients with organ transplants, etc.) and those not expected to mount an adequate immune response to COVID-19 vaccines
- Not authorized for individuals for the treatment of COVID-19 or for post-exposure prevention of COVID-19.
- Pre-exposure prevention with Evusheld not a substitute for vaccination in individuals for whom COVID-19 vaccination is recommended.
- Supplies are scarce and initial allocations are going to tertiary healthcare centers/academic medical centers with transplant programs

# ORAL ANTIVIRALS



- For outpatient treatment of mild to moderate COVID-19 of patients who are acutely ill AND with symptom onset in the last 5 days AND a positive PCR
- Molnupiravir
  - Ribonucleoside analog that inhibits viral replication
  - Reduced the risk of hospitalization or death by 30%
  - Causes mutations in viral RNA so that viruses are rendered noninfectious and eventually stop replicating
  - Could induce mutations that could lead to development of other variants, especially if medication is not finished
  - May also create mutations in human DNA
  - Not recommended for breastfeeding or pregnant women or people under 18

# EXPANDED BOOSTER ELIGIBILITY



- COVID-19 Vaccine Boosters are recommended for everyone 16 and older.
- Eligibility requirements:
  - 6 months have passed since your second dose of Moderna (18+)
  - 6 months have passed since your second dose of Pfizer (16+)
  - 2 months have passed since your Johnson & Johnson Dose (18+)

[COVID-19 Booster Vaccines \(ca.gov\)](https://www.ca.gov/covid-19/boosters/)

[Coronavirus \(COVID-19\) Update: FDA Expands Eligibility for Pfizer-BioNTech COVID-19 Booster Dose to 16- and 17-Year-Olds | FDA](#) <sup>22</sup>

# BOOSTERS FOR PEOPLE FULLY VACCINATED OUTSIDE THE U.S.



- People fully vaccinated with certain COVID-19 vaccines outside of the US (not authorized by FDA) are eligible for:
  - Pfizer as an additional dose
    - If moderately and severely immunocompromised ( $\geq 12$  years) and it has been 28 days after previous vaccine dose
  - Pfizer as a booster dose
    - If  $\geq 18$  years AND it has been 6 months after primary series
- Recommendation only applies to Pfizer because it is FDA-approved.

# PEDIATRIC VACCINATIONS AND BOOSTERS

- Harvest Pediatrics
- Napa Valley Pediatrics
- Kaiser
- St Helena Hospital Foundation
- Ole Health
- Providence-St Joe's
- Pharmacies
- Urgent Care-Telehealth
- Public Health-school based clinics



Calendar interface showing December 2021. Navigation: < > December 2021 Expand all

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	01	02 COVID-19 Vaccination Clinic, age 12+ (1st, 2nd, 3rd dose & boosters) - St. Helena	03 COVID-19 Vaccination Clinic - ages 5-11 only - St. Helena	04 COVID-19 Vaccination Clinic, age 12+ (1st, 2nd, 3rd dose & boosters) - Napa
05	06	07 COVID-19 Vaccination Clinic, age 12+ (1st, 2nd, 3rd dose & boosters) - St. Helena COVID-19 Vaccination Clinic, age 12+ (1st, 2nd, 3rd dose & boosters) - Napa COVID-19 Vaccination Clinic / Vacunación contra el COVID-19 (Napa)	08	09 COVID-19 Vaccination Clinic, age 12+ (1st, 2nd, 3rd dose & boosters) - St. Helena	10 COVID-19 Vaccination Clinic - ages 5-11 only - Napa	11
12	13	14 COVID-19 Vaccination Clinic - ages 5-11 only - Napa COVID-19 Vaccination Clinic / Vacunación contra el COVID-19 (Napa)	15 COVID-19 Vaccination Clinic - ages 5-11 only - American Canyon COVID-19 Vaccination Clinic, age 12+ (1st, 2nd, 3rd dose & boosters) - American Canyon	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	01



# CDPH TRAVEL ADVISORY



- State is issuing the following recommendations, which supersede all prior Travel Advisories:
  - All travelers arriving in or returning to California from other states or countries should follow CDC travel guidance.
  - All travelers arriving in or returning to California from other states or countries should test 3-5 days upon arrival.
  - All travelers who test positive or develop symptoms of COVID-19 should isolate and follow public health recommendations.

# CONTINUE TO CELEBRATE HOLIDAYS SAFELY

- Get vaccinated or boosted
- Stay home if sick
- Get tested before and after traveling or gathering

Tips for Protecting Yourself and Others  
This Holiday Season (ca.gov)

If you are at risk for complications,  
be aware of your treatment options  
and talk to your doctor

## Spread Joy, Not COVID

### Tips for Protecting Yourself and Others This Holiday Season

#### Get Vaccinated, Including a Booster Shot if You're Eligible

Vaccines are the best way to end the pandemic and they prevent COVID-19 illness, hospitalization and death. They're safe, effective and free. [Learn more about COVID-19 vaccines](#) and visit [MyTurn.ca.gov](https://myturn.ca.gov) to get vaccinated.



#### Stay Home if You're Sick

Anyone feeling sick, even with mild [symptoms](#) (sore throat, cough, sniffles), should stay home, isolate from others, and get tested. Download our [testing fact sheet](#) and read our [testing guidance](#).

#### Get Tested Before and After Traveling or Gathering for the Holidays

**Know Before You Go.** Get tested 1-3 days before a family gathering, or prior to any travel, even if you have no symptoms. Antigen testing should be done 24 hours prior to a gathering or travel. PCR testing should be done within 72 hours – with results available prior to a gathering or travel. There are no out-of-pocket costs to get tested. Visit a [state testing site](#) or call (833) 422-4255. Learn more about [types of COVID tests](#).

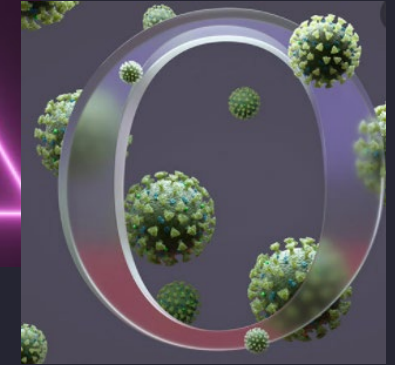
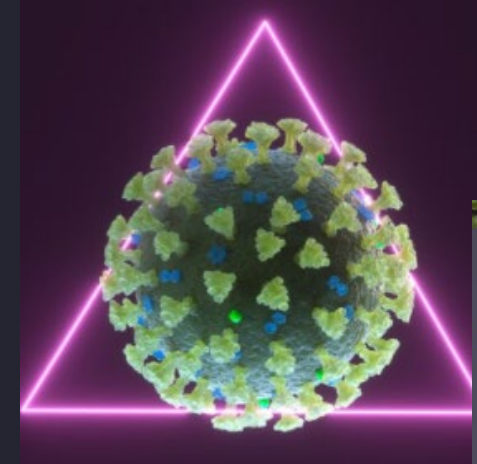
**Know When You Return.** Test upon returning from the holidays. Test again 3-5 days later.

#### Also Consider the Following:

- Take precautions if some in your group are unvaccinated (e.g., wear masks, socialize outdoors, keep gatherings short).
- Be sure to wear a good mask, that fits well. N95 and KN95 or surgical masks do the best job filtering out viruses and particles.
- Gather outside or increase airflow in indoor spaces. Read our [ventilation fact sheet](#).
- [Activate CA Notify](#) (California's COVID-19 exposure notification system) on your smartphone. Ask your guests to do the same.



Scan the QR code to see the

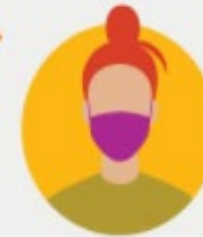


Have symptoms?



**Get tested.**

**WEAR A MASK.**  
Slow the spread.



**Vaccinate Napa**

Together we can end the pandemic.