

County of San Diego COVID-19 Update

HSAB Meeting

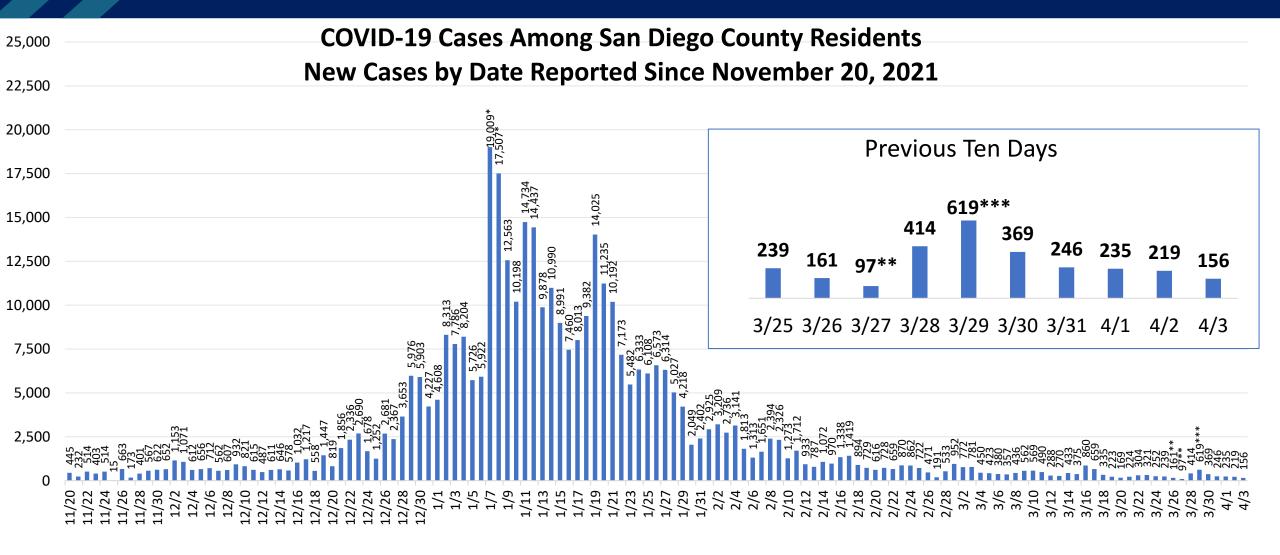
Wilma Wooten, M.D., M.P.H.

Public Health Officer, Public Health Services



April 5, 2022

COVID-19 Cases



^{*}Includes backlog of cases that would have been reported 1/4/22-1/6/22.

^{**}Due to issues with reporting systems, not all cases reported are included and was backlogged in subsequent day's reporting.

^{***}The case count for 3/29/2022 includes a backlog of 457 cases from late December

Omicron BA.2 in San Diego County

Wastewater Surveillance It is estimated that currently **over 99% of cases** in the last several weeks have been due
to the Omicron variant.

Whole Genome Sequencing

Whole genome sequencing to determine the variant type data often lags, however, there has been an incremental increase in BA.2.

San Diego County As of March 21, wastewater sequencing indicates that 67% of circulating virus is the OMICRON BA.2. These data represents 2.2 million San Diegans.

Data looking at S-gene testing shows that **80-90%** of the specimens is likely Omicron BA.2.

New CDC COVID-19 Community Levels

As of March 30, San Diego County = LOW



COVID-19 Community Levels

Assignment Based on Highest Metric Among: 1) Case Rate, 2) New COVID-19 Hospital Admissions, and 3) Percent of Staffed Inpatient Beds Occupied by COVID-19 Patients

People may choose to mask at any time. People with symptoms, a positive test, or exposure to someone with COVID-19 should wear a mask.

Low

Limited impact on healthcare system, low levels of severe disease

- Get vaccinated, boosted
- Get tested if sick

Medium

Some impact on healthcare system, more people with severe disease

- If at potential increased risk, talk to your healthcare provider about wearing a mask
- Get vaccinated, boosted
- Get tested if sick

High

High potential for healthcare system strain; high level of severe disease

- Wear a mask in public indoor settings including schools
- Get vaccinated, boosted
- Get tested if sick

Percent Change

Metric and Date Range	March 3, 2022	Metric and Date Range	April 3, 2022	% Difference
Case by Report date (7-day average) 2/25/22-3/3/22	632	Case by Report date (7-day average) 3/28/22-4/3/22	323	49%
Hospitalizations Census (7-day average, COVID-19 confirmed only) 2/25/22-3/3/22	427	Hospitalizations Census (7-day average, COVID-19 confirmed only) 3/28/22-4/3/22	132	69%
Deaths (7-day average, 14-day lag) 2/10/22-2/16/22	10	Deaths (7-day average, 14-day lag) 3/14/22-3/20/22	1	90%

Vaccinations in San Diego County

Vaccination Status of San Diego County Residents

At Least One Dose

Eligible Population (5+): 3,147,936 San Diegans

2,955,424

93.9%

Fully Vaccinated**

Eligible Population (5+): 3,147,936 San Diegans

2,596,432

82.5%

Booster Dose***

Eligible Population (12+): 2,182,257 San Diegans

1,213,038

55.6%

Doses Received 7,630,785 🕮

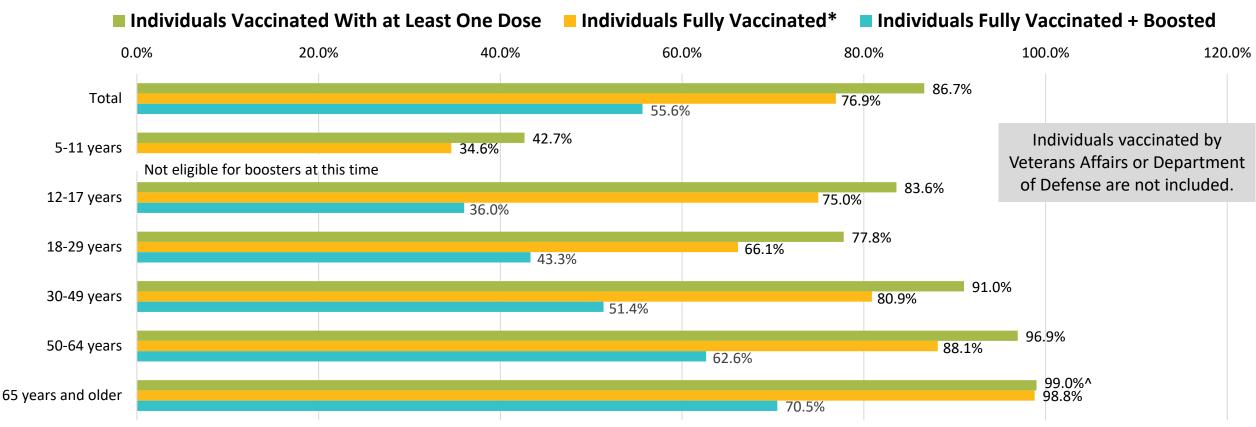
- *May not include all administered doses and individuals vaccinated due to reporting delays. Total doses administered includes extra doses (booster doses and additional doses). Data sources include vaccines that have been recorded in SDIR and CAIR, and data provided by Veterans Affairs and Department of Defense. This includes doses from Federal Pharmacy Program and Federally Qualified Health Centers. Doses administered by some tribal providers, some prisons and federal detention facilities do not report to SDIR. Includes all doses administered in San Diego County as well as doses administered to San Diego County residents vaccinated in another California county.
- **Fully Vaccinated is based on receiving either a single dose of Johnson & Johnson or both doses of Moderna or Pfizer, therefore completing the recommended vaccination series. However, individuals are not considered fully vaccinated until two weeks after completing the series, as defined by the Centers for Disease Control and Prevention (CDC).
- ***Booster doses includes only doses recorded in SDIR (excludes Veterans Affairs and Department of Defense).
- ^Booster Eligible Population is updated each week and is the number of San Diego County residents who are fully vaccinated and eligible to receive a booster dose. As of 1/26/2022, individuals are eligible for a booster dose if 1) they are 12 years of age and older, AND 2) at least 5 months have passed after the vaccination date of the second mRNA dose (Moderna or Pfizer-BioNTech) or at least 2 months have passed since the first Janssen/Johnson & Johnson dose.

Eligible Population for the primary series (at least one dose and fully vaccinated categories) expanded to 5 years and older as of 11/10/2021. Eligible Population is San Diego County residents age 5 years and older, or 3,147,936 individuals. The total San Diego County population is 3,343,827. Population estimates are California Department of Finance 2021 Population Estimates, July 2021 release.

Data through 3/31/2022, updated 4/1/2022.

Vaccinations by Age

Percent of Eligible Population Vaccinated by Age Group



Individuals vaccinated by Veterans Affairs or Department of Defense are not included.

Data are preliminary and subject to change.

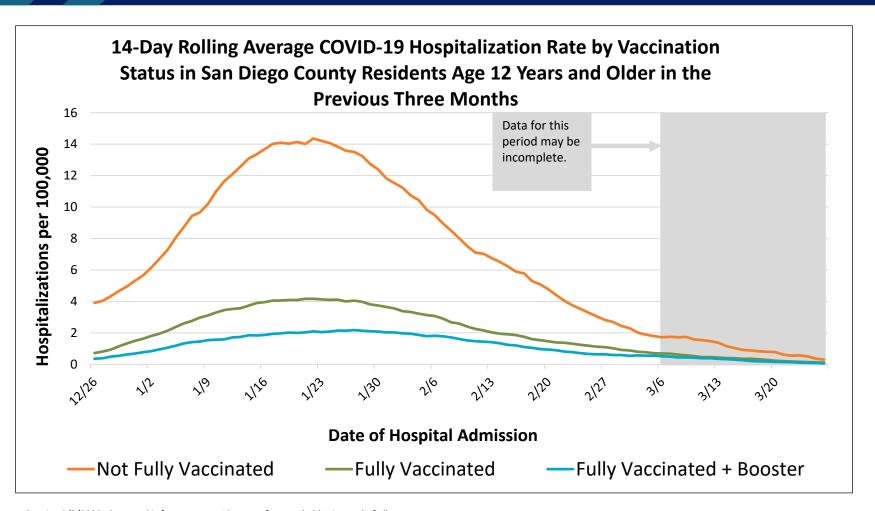
Source: San Diego Immunization Registry, data through 3/21/2022, updated 4/1/2022.

^{*}Fully Vaccinated is based on receiving either a single dose of Johnson & Johnson or both doses of Moderna or Pfizer, therefore completing the recommended vaccination series. However, individuals are not considered fully vaccinated until two weeks after completing the series, as defined by the Centers for Disease Control and Prevention (CDC).

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[^]The percentage and rate of the population vaccinated with at least one dose of COVID-19 vaccine may approach, or exceed, 99% or 999 per 1,000 San Diego residents aged 5 years and older. The most recent age, gender, region, and race/ethnicity population are 2019 estimates, which may under estimate the current population.

COVID-19 Hospitalization Rate by Vaccination Status



Average Daily Hospitalizations per 100,000

(7-day average with 14-day lag)2/20/22 - 3/5/22

Not Fully Vaccinated* (per 100K – 12+ yrs) Fully Vaccinated**
(per 100K – 12+ yrs)

1.80

0.71

Fully Vaccinated + Booster[‡] (per 100K – 12+ yrs)

0.55



Hospitalization rate for <u>not</u> fully vaccinated residents was

3 times higher than those fully

vaccinated + booster

Starting 3/2/2022, data used is from persons 12 years of age and older instead of all ages.

Note: On 12/8/2021, following completion of quality assurance processes, there was a one-time addition of hospitalizations that had occurred over several months.

For more information see <u>COVID-19 Watch</u> and the <u>Summary of Cases by Vaccination Status</u>. Data through 3/26/2022, updated 3/30/2022.

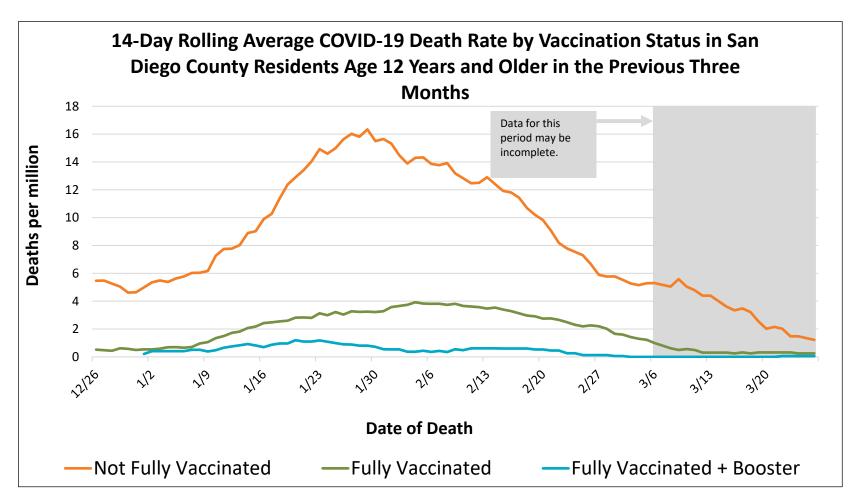
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^{*}Not fully vaccinated includes individuals with one dose of the two-dose series, no doses, or unknown vaccination status. Individuals who are not yet eligible for the vaccine are also included.

^{**}Cases who first tested positive (based on specimen collection date) greater than or equal to 14 days after receiving the final dose of COVID-19 vaccine.

[‡] Cases who first tested positive (based on specimen collection date) greater than or equal to 14 days after receiving a booster dose of COVID-19 vaccine at least 2 months after a J&J vaccine or 5 months after a Pfizer or Moderna vaccine series.

COVID-19 Death Rate by Vaccination Status





(7-day average with 14-day lag)2/20/22 - 3/5/22

Not Fully Vaccinated*
(per million – 12+ yrs)

Fully Vaccinated**
(per million – 12+ yrs)

5.29

1.23

Fully Vaccinated + Booster[‡] (per million – 12+ yrs)

0.00§



Death rate for <u>not</u> fully vaccinated residents was

4 times higher than fully vaccinated residents

Starting 3/2/2022, data used is from persons 12 years of age and older instead of all ages.

‡Cases who first tested positive (based on specimen collection date) greater than or equal to 14 days after receiving a booster dose of COVID-19 vaccine at least 2 months after a J&J vaccine or 5 mo §There have been no deaths reported to date in this group for this date range

For more information see <u>COVID-19 Watch</u> and the <u>Summary of Cases by Vaccination Status</u>. Data through 3/26/2022, updated 3/30/2022.

^{*}Not fully vaccinated includes individuals with one dose of the two-dose series, no doses, or unknown vaccination status. Individuals who are not yet eligible for the vaccine are also included.

^{**}Cases who first tested positive (based on specimen collection date) greater than or equal to 14 days after receiving the final dose of COVID-19 vaccine.

California's SMARTER Plan in San Diego



Vaccine Administration

✓ Capacity to administer vaccines on top of existing pharmacy/provider infrastructure.

PPE Distribution

- ✓ Maintain an ample stockpile of high quality masks and distribute them, as needed.
- Communication & Education
- ✓ Maintain capability to promote mitigation strategies, in partnership with community.
- Surveillance & Surge Staffing
- ✓ Maintain wastewater surveillance and whole genome sequencing and ability to quickly increase staffing capacity during a surge.

Testing

- Equitable Access for Everyone
- ✓ Maintain local public health capacity to support regional need (PCR & antigen).

- Education
- Keep Schools Safe & Open
- ✓ Expand State-supported vaccination sites at schools and follow State guidance.

R_x

Therapeutics/Treatment

✓ Maximize order of effective therapeutics and ensure prompt allocations.

BE COVID SAFE



- Wash your hands
- Wear a mask
- If you have symptoms:
 - Stay home and get tested
 - Isolate according to CDC/CDPH guidance
- Follow current quarantine guidance
- Don't go to the emergency department for COVID-19 testing
- Get all recommended doses of the COVID-19 vaccine
- Get the influenza vaccine

www.coronavirus-sd.com





April 5, 2022

County Emergency Rent & Utilities Assistance Program - Funding Status

Total Amount Allocated for ERAP: \$253.4M

- **\$107M** allocation from HR-133 & SB-91
- \$104.5M allocation from ARPA
- \$27M reallocation from State
- \$14.9M reallocation from U.S. Department of Treasury

Total Amount Awarded for ERAP: **\$185M** to **19,670** Households (as of 4/1/22)

County Emergency Rent & Utilities Assistance Program – Additional Funding

SB-115 signed by Governor Newsom

- A cashflow loan from State to cover anticipated future federal funds not yet received
- Resolution required to request loan
- Request up to \$90M in additional appropriations
- Funds can cover applications received on or before March 31, 2022
- Cannot be used for rent and utilities accrued on or after April 1, 2022

Public Health Hotel

Isolation and Quarantine

- Operations ended March 2022
- Provided Isolation and Services to Over 14,500 People
- Reverted to Previous Public Health Infectious Disease Model

High Risk

- Extended through June 2022
- Currently 72 Households Receiving Lodging and Services
- Housing Case Management/Services Provided

COVID-19 FINANCE UPDATE

Spending Estimates for COVID-19 Response Effort (in Millions)

 Vaccinations 	\$0.5
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		 •	

County Response \$0.7

\$3.8 Million
Weekly Spend Rate

Recommendations

- 1. Receive an update on the COVID-19 response.
- 2. Ratify all actions taken in response to the local health emergency and local emergency.
- 3. In accordance with Board Policy A-87, amend contract #562092 with Maxim Healthcare Services Holdings, Inc for as-needed nursing services.
- 4. Waive Board Policy B-29, which requires full cost recovery for grants in administrative overhead costs associated with the supplemental Immunization Local Assistance grant funding.

Recommendations

- **5. Adopt a resolution** entitled Resolution of the County of San Diego Board of Supervisors Authorizing a State Rental Assistance Program Loan Award.
- **6. Adopt a resolution** entitled Resolution Authorizing Continuance of Teleconferenced Public Meetings Pursuant to Government Code Section 54953.
- 7. Establish appropriations of \$90,000,000 for implementation of Emergency Rental Assistance Program (ERAP) in association with the SB-115 cashflow loan.

Second Booster Eligibility

Pfizer & Moderna

Individuals who are 50 years of age or older – 4 months after 1st booster

Pfizer

Individuals who are 12 years or older and who are immunocompromised – 4 months after 1st booster

Moderna

Individuals who are 18 years or older and who are immunocompromised – 4 months after 1st booster

1&1

No FDA Emergency Use Authorization for J&J as booster type as of 4/4/2022

CDC COVID-19 Community Levels

San Diego County as of 3/30/22:

Case rate: 65.5 Admissions: 2.6 Beds: 2.7%

Level = Low



COVID-19 Community Levels

People may choose to mask at any time. People with symptoms, a positive test, or exposure to someone with COVID-19 should wear a mask.

Level Assignment Based on Highest Metrics		Low (Limited impact on healthcare	Medium (Some impact on healthcare	High (High potential for healthcare
New COVID-19 Cases (Per 100,000 people in the past 7 days)	Indicators Admissions: New COVID-19 admissions per 100,000 population (7-day total) Beds: Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	system, low levels of severe disease) • Get vaccinated, boosted • Get tested if sick	 system, more people with severe disease) If at potential increased risk, talk to your healthcare provider about wearing a mask Get vaccinated, boosted Get tested if sick 	 system strain; high level of severe disease) Wear a mask in public indoor settings including schools Get vaccinated, boosted Get tested if sick
<200	Admissions	<10.0	10.0-19.9	≥20.0
\200	Beds	<10.0%	10.0-14.9%	≥15.0%
≥200	Admissions	NA	<10.0	≥10.0
2200	Beds	NA	<10.0%	≥10.0%

Data as of 3/20/2022. Data are preliminary and subject to change.

PROPOSED masking guidance in California

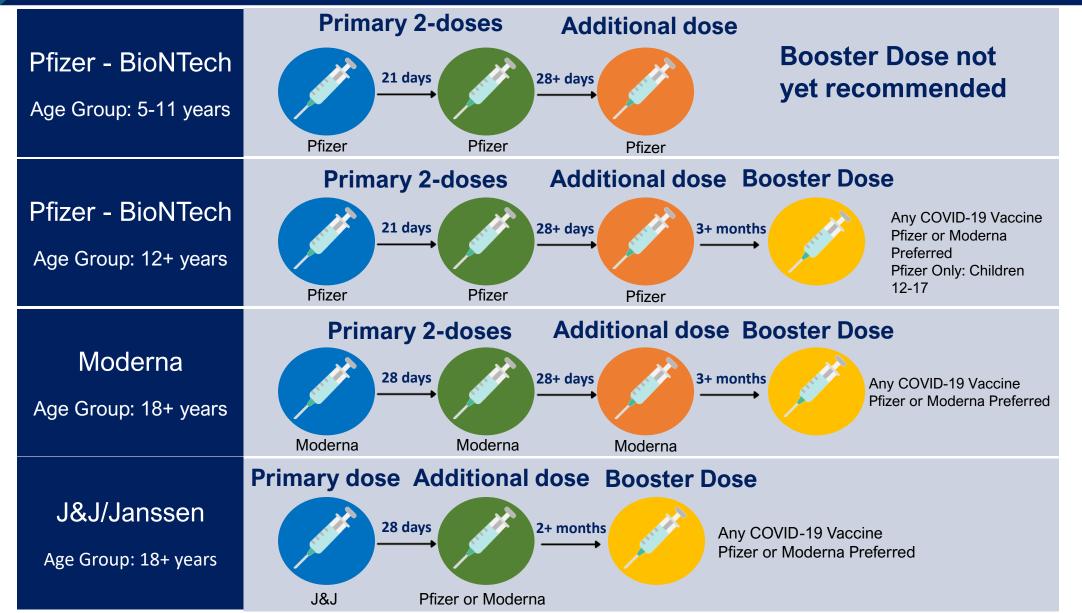


NOTE: Locals may have additional requirements beyond the state requirements based on local conditions including community vaccine rates or vaccination rates in schools and childcare facilities.





Updated Booster Guidance for Immunocompromised Persons



Vaccine Equity Goals

CDPH Vaccine Equity Goals for Quarter 1, 2022 (Jan. – Mar. 2022)

<u></u>	
Goal	Status as of 2/28/2022*
1. Ensure 75% Primary coverage (1+ dose) for the 5+ population, across all race/ethnicity groups and places (HPI quartiles	 •3 groups with <75%: Black (52%), White (68%), American Indian or Alaska Native (55%) •All HPI Quartiles have >75% of individuals 5+ years of age with at least one dose
2. Ensure 75% Primary coverage (fully vaccinated) for the 5+ population, across all places (HPI quartiles)	Two of the quartiles have <75%: Q2 (74%) and Q3 (67%)
3. Ensure 70% Primary coverage (fully vaccinated) for the 5+ population, across all race/ethnicity groups	Three groups have <70% fully vaccinated: Black (46%), American Indian or Alaska Native (49%) White (62%)
4. Ensure 60% Fully vaccinated + received booster for the 12+ population	41%
5. Ensure 70% Fully vaccinated + received booster for the 50+ population	59%

Actions to Increase Vaccinations:

Refine Community Outreach

Engaging community partners for enhanced messaging

Leverage Survey Results

 Address booster side effects and absenteeism, address trust

Messaging to Parents

Long-term effects (i.e., puberty) for kids

Spring Break Messaging

Contract with vaccination contractors that present the focused group populations

Re-invigorate mobile vaccination options in focused communities

Continue to partner with SNFs and Healthcare entities to increase vaccination rates and engage members

^{*}Sources: San Diego Immunization Registry. Doses administered by the Department of Defense and Veterans Affairs are not included. SANDAG Population Estimates 2019. HPI quartiles are the vaccine equity quartiles defined by CDPH.

Vaccine Rate per County – Southern California

County	Doses Administered*	Population 5 Years and Older**	Vaccination Rate***
San Diego	6,982,076	3,147,936	221.8
Imperial	449,201	177,571	253.0
Orange	5,912,318	3,029,488	195.2
Los Angeles	18,703,029	9,657,619	193.7
Ventura	1,546,338	804,238	192.3
Santa Barbara	785,901	426,588	184.2
San Luis Obispo	468,762	266,671	175.8
Riverside	3,603,959	2,329,896	154.7
San Bernardino	3,065,695	2,055,349	149.2
Kern	1,173,250	854,594	137.3

^{*}Includes first, second, and extra doses. Source: California Department of Public Health (CDPH), posted Monday, February 28, 2022. San Diego County additional sources: Veterans Affairs and Department of Defense.

^{**}Source: CA Dept of Finance 2021 estimates, July 2021 release.

^{***}Rate of doses administered per 100 population 5 years and older. Vaccination Rates may exceed 100 due to Moderna and Pfizer requiring two doses to be fully vaccinated and including extra doses. There will be more doses administered than the number of individuals in the eligible populations.

Vaccine Rate per County – Top 12 Populations

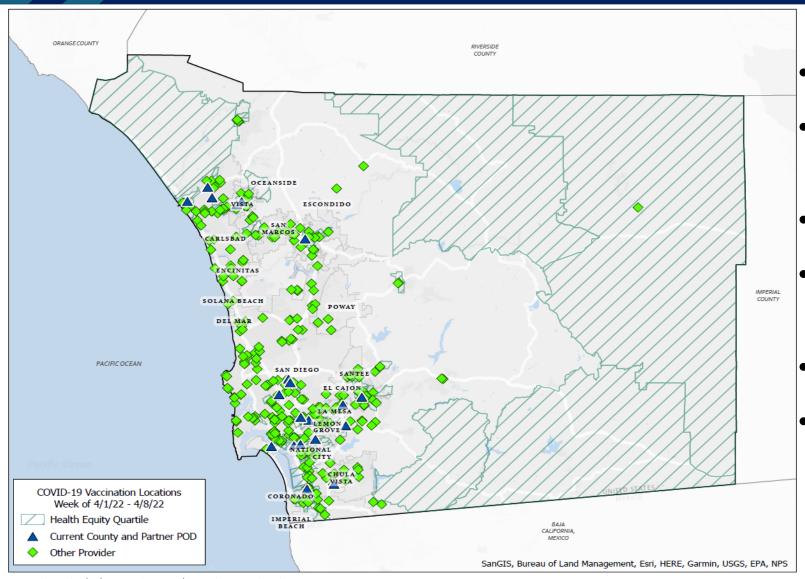
	Doses	Population 5 Years and	
County	Administered*	Older**	Vaccination Rate***
San Diego	6,982,076	3,147,936	221.8
San Francisco	1,993,761	852,006	234.0
Santa Clara	4,376,131	1,872,896	233.7
Contra Costa	2,466,297	1,099,453	224.3
Alameda	3,562,241	1,589,173	224.2
Orange	5,912,318	3,029,488	195.2
Los Angeles	18,703,029	9,657,619	193.7
Sacramento	2,676,735	1,462,314	183.0
Fresno	1,522,793	948,346	160.6
Riverside	3,603,959	2,329,896	154.7
San Bernardino	3,065,695	2,055,349	149.2
Kern	1,173,250	854,594	137.3

^{*}Includes first, second, and extra doses. Source: California Department of Public Health (CDPH), posted Monday, February 28, 2022. San Diego County additional sources: Veterans Affairs and Department of Defense.

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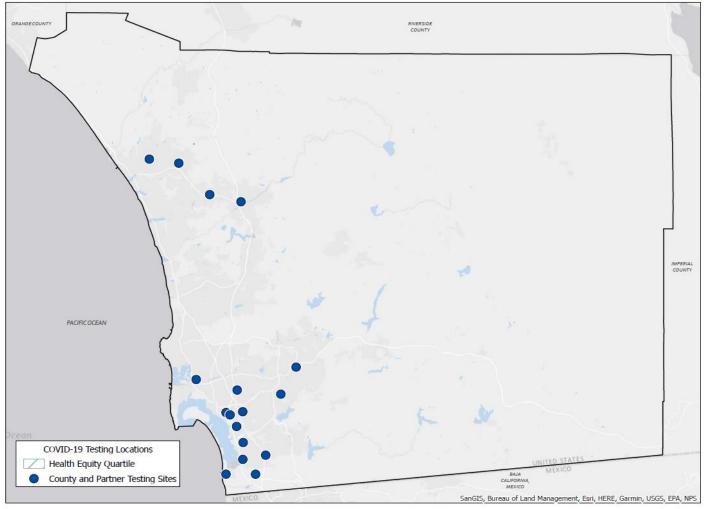
Vaccination Sites in San Diego County



- 7 County Sites
- 2 County-hosted community
 Sites
- 4 County partner sites
- 8 County mobile events per week
- 239 Pharmacies
- 96 Other Providers

County Administered COVID-19 Testing

County-Sponsored Testing Locations



- 4 County operated sites
- 2 Public Health Center sites
- 3 mobile sites
- 7 State sites
- 3 Partner sites

Vaccinations in San Diego County

Number and Percent of Population Vaccinated by Health and Human Services Agency (HHSA) Region

HHSA Region*	Individuals Vaccinated with At Least One Dose (Percent Among 5 Years and Older)	Individuals Fully Vaccinated** (Percent Among 5 Years and Older)	Individuals <u>Fully Vaccinated</u> <u>with a Booster</u> (Percent Among Booster Eligible Population***)
Central	400,811 (83.0%)	354,591 (73.5%)	175,790 (54.8%)
East	341,538 (74.6%)	311,467 (68.0%)	149,373 (52.5%)
North Central	551,813 (87.5%)	486,484 (77.1%)	271,070 (61.0%)
North Coastal	394,355 (74.9%)	353,365 (67.1%)	180,969 (56.3%)
North Inland	462,100 (80.0%)	420,298 (72.8%)	217,206 (57.2%)
South	517,866 (99.0%^)	447,016 (95.4%)	209,242 (53.3%)

Data are preliminary and subject to change.

Source: San Diego Immunization Registry, data through 3/31/2022, updated 4/4/2022.

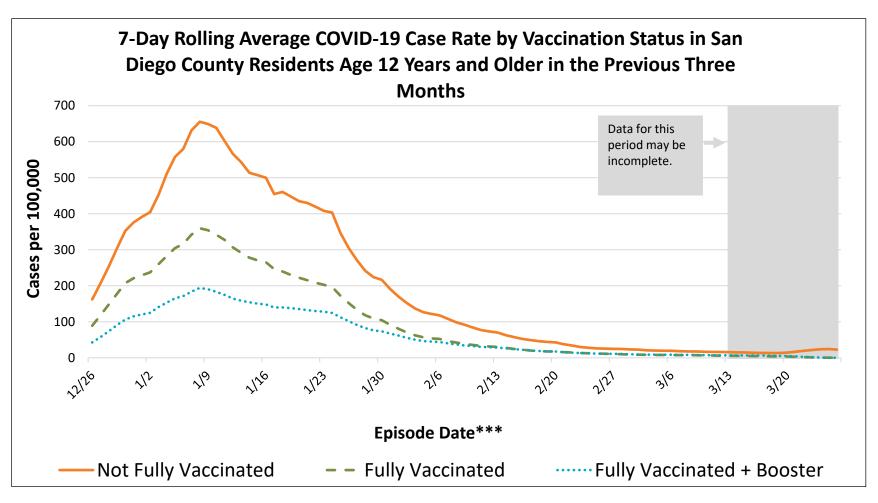
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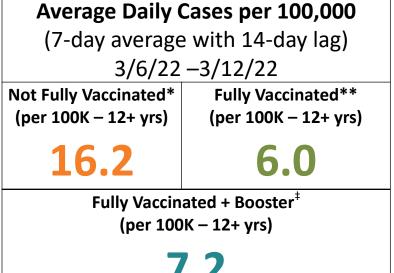
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COVID-19 Case Rate by Vaccination Status





Case rate for <u>not</u> fully vaccinated residents was 2 times higher than those fully vaccinated + booster

Starting 3/2/2022, data used is from persons 12 years of age and older instead of all ages.

For more information see <u>COVID-19 Watch</u> and the <u>Summary of Cases by Vaccination Status</u>. Data through 3/26/2022, updated 3/30/2022.

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^{**}Cases who first tested positive (based on specimen collection date) greater than or equal to 14 days after receiving the final dose of COVID-19 vaccine.

^{***}If case did not have symptoms or illness onset date is unavailable, the earliest of specimen collection date, date of death, or date reported is used instead.

[‡] Cases who first tested positive (based on specimen collection date) greater than or equal to 14 days after receiving a booster dose of COVID-19 vaccine at least 2 months after a J&J vaccine or 5 months after a Pfizer or Moderna vaccine series.