

County of San Diego COVID-19 Update

HSAB Meeting

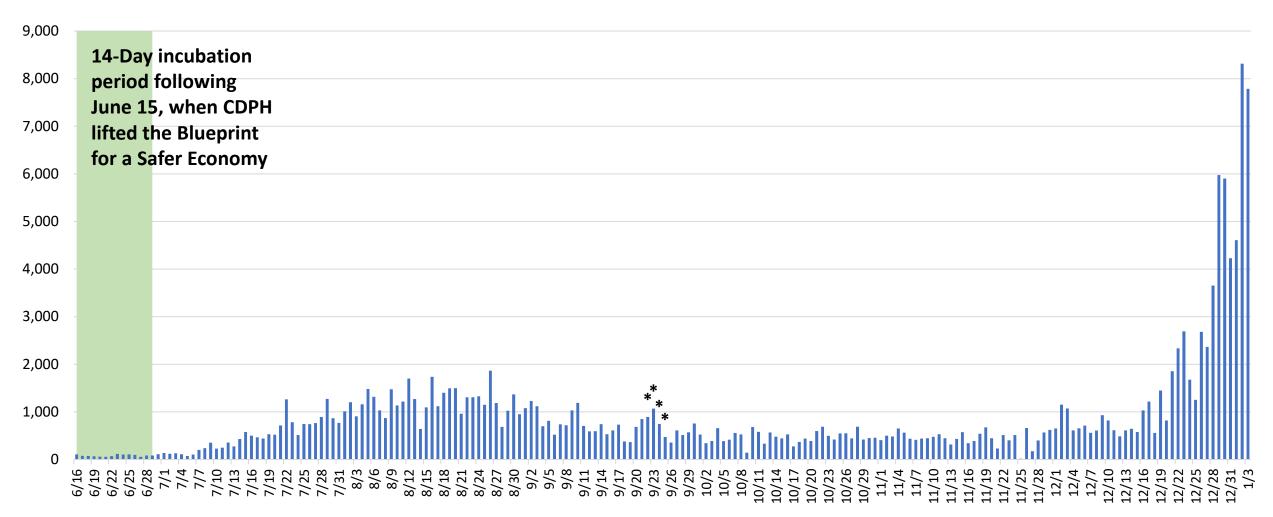
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Deputy Public Health Officer, Public Health Services



January 4, 2022

COVID-19 Cases

COVID-19 Cases Among San Diego County Residents New Cases by Date Reported Since June 16, 2021



^{*}Includes batch of cases that would have been reported 9/14/2021 – 9/20/2021. Data through January 3, 2022; Updated January 4, 2022.

COVID-19 CASES

COVID-19 Investigations Summary	San Diego County Residents			
Day Reported	Confirmed Cases [†]	Probable Cases [†]	Case Investigations	Contact Investigations
Previous Day	7,786	288	8,503	219
	Count	Change from Previous Report (1/3/2022)	%	Rate per 100,000
Total Confirmed Cases	457,504		100.0%	13,649.6
Total Probable Cases	24,923			
Total Case Investigations	515,827			
Contact Investigations	208,937			
Selected Characteristics of Confirmed C	Cases			
Age Groups				
0-9 years	32,596		7.1%	7,518.8
10-19 years	54,385		11.9%	12,539.3
20-29 years	101,323		22.2%	19,084.6
30-39 years	84,356		18.4%	17,215.0
40-49 years	64,584		14.1%	16,181.1
50-59 years	56,325		12.3%	13,926.4
60-69 years	36,090		7.9%	10,605.2
70-79 years	16,563		3.6%	8,285.7
80+ years	11,067		2.4%	9,235.7
Age Unknown	215			
Gender				
Female	233,558		51.4%	14,055.4
Male	220,583		48.6%	13,051.6
Gender Unknown	3,363			
Hospitalizations*	19,171	-8	4.2%	
Intensive Care**	1,949	-1	0.4%	
Deaths	4,487	11	1.0%	

54.7% of cases are between the ages of 20 and 49 years

Data through January 3, 2021; Updated January 4, 2021

Cases by Vaccination Status Among San Diego County Residents

Summary of Cases by Vaccination Status Among San Diego County Residents, by Date of Illness Onset*

			Fully nated†		lly nated†	All Cases
1/1/2021 -	Total Confirmed Cases	184,647	83.1%	37,660	16.9%	222,307
	Hospitalizations**	7,818	91.5%	727	8.5%	8,545
12/15/2021	Deaths	1,755	92.8%	136	7.2%	1,891
(Since Jan. 1)‡	Age of Confirmed Cases					
	Median Age (Years)	3	1	4	2	33
	Age Range (Years)	0-100+		12-100+		0-100+
		Not Vaccin			lly ated†	All Cases
11/15/2021	Total Confirmed Cases					All Cases
11/16/2021 -	Total Confirmed Cases Hospitalizations**	Vaccin	ated†	Vaccin	ated†	
12/15/2021		Vaccin 11,484	61.9%	Vaccin 7,057	38.1%	18,541
1 -	Hospitalizations**	Vaccin 11,484 350	61.9% 72.0%	7,057 136	38.1% 28.0%	18,541 486
12/15/2021	Hospitalizations** Deaths	Vaccin 11,484 350 60	61.9% 72.0%	7,057 136 9	38.1% 28.0%	18,541 486

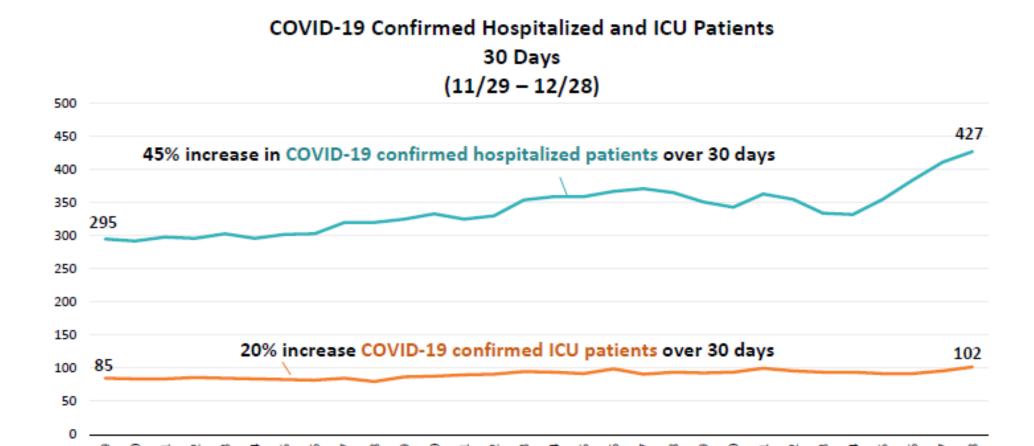
^{*}If case did not have symptoms or illness onset date is unavailable, the earliest of specimen collection date, date of death, or date reported is used instead.

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

[#] Data for recent cases, hospitalizations, and deaths may not be complete. To account for this, data for the most recent two weeks are not included.

[†] Fully vaccinated cases are those who first tested positive (based on specimen collection date) greater than or equal to 14 days after receiving the second vaccine. 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.

COVID-19 Hospitalization Census: Last 30 Days (11/29 – 12/28)

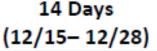


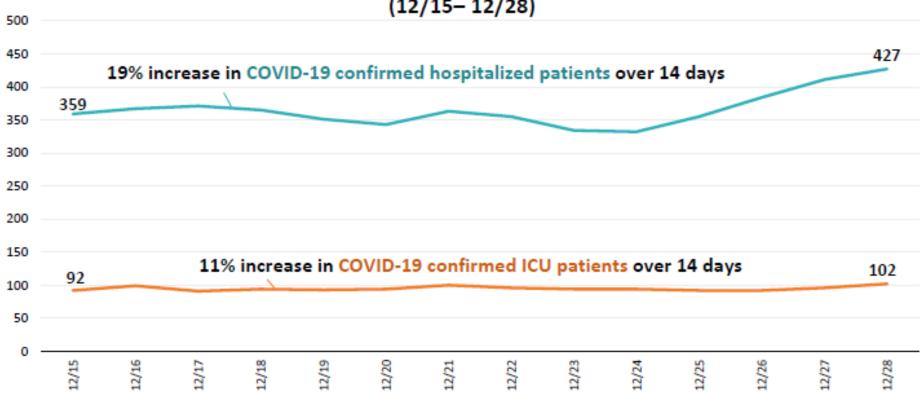
Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents.

Prepared by County of San Diego, Emergency Operations Center, 12/29/2021

COVID-19 Hospitalization Census: Last 14 Days (12/15 – 12/28)

COVID-19 Confirmed Hospitalized and ICU Patients





Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents.

Prepared by County of San Diego, Emergency Operations Center, 12/29/2021

COVID-19 Case Rate by Vaccination Status

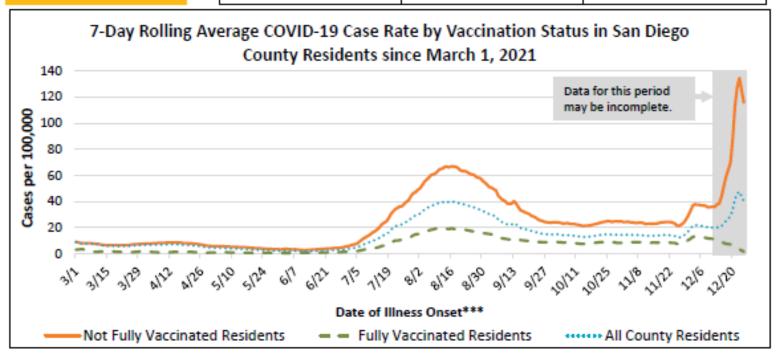
Case rate for not fully vaccinated residents is 3 times higher than fully vaccinated residents Average Daily Cases per 100,000
(7-day average with 14-day lag: 12/5/2021– 12/11/2021)

Not Fully Vaccinated* Fully Vaccinated** County Overall

36.0

11.4

20.0



^{*}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.

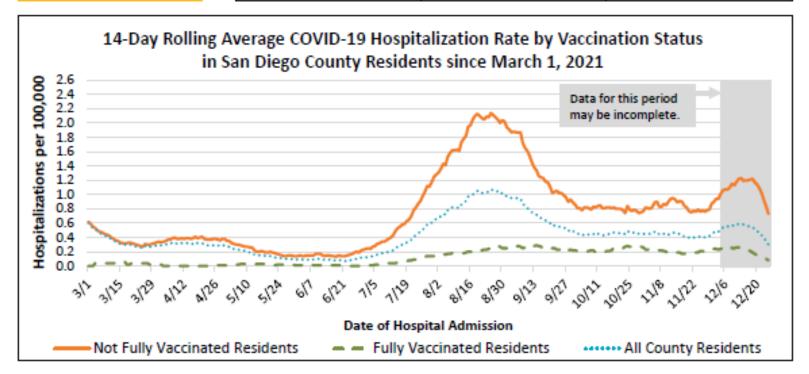
^{***}If case did not have symptoms or illness onset date is unavailable, the earliest of specimen collection date, date of death, or date reported is used instead.

COVID-19 Hospitalization Rate by Vaccination Status

Hospitalization rate for not fully vaccinated residents is 4 times higher than fully vaccinated Average Daily Hospitalizations per 100,000
(14-day average with 21-day lag: 11/21/2021 – 12/4/2021)

Not Fully Vaccinated* Fully Vaccinated** County Overall

1.01 0.24 0.51



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.

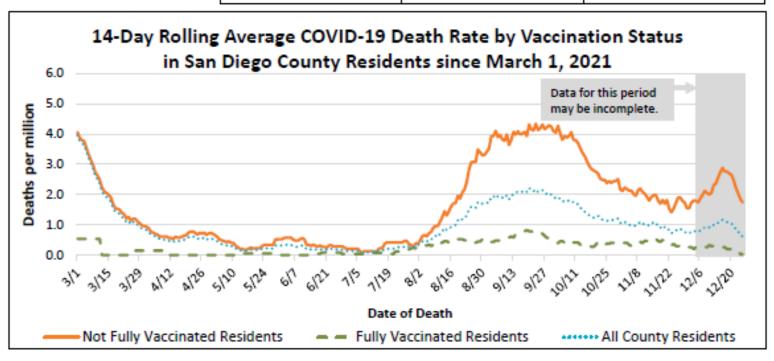
^{*}Not fully vaccinated includes individuals with one dose of the two-dose series, no doses, or unknown vaccination status. Individuals who are not yet eligible for the vaccine are also included.

^{**}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.

COVID-19 Deaths by Vaccination Status

Death rate for not fully vaccinated residents is 7 times higher than fully vaccinated residents

Average Daily Deaths per Million					
(14-day average with 21-day lag: 11/21/2021 - 12/4/2021)					
Not Fully Vaccinated*	Fully Vaccinated**	County Overall			
(per million)	(per million)				
1.80	0.26	0.81			



^{*}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.

COVID-19 VARIANTS

Known Variant Cases Among San Diego County Residents

WHO Label	Delta		Omicron		
Pango Lineage	B.1.617.2		B.1.1.529		
Location First Detected	India		South Africa		
Total Confirmed Cases*	17,160		91		
Onset Date Range**	4/5/21-12/20/21		12/3/21-12/20/21		
Hospitalizations	385 2.2%		1	1.1%	
Deaths	149	0.9%	0	0.0%	
Age					
Median Age (Years)	33		32		
Age Range (Years)	0-99		2-78		

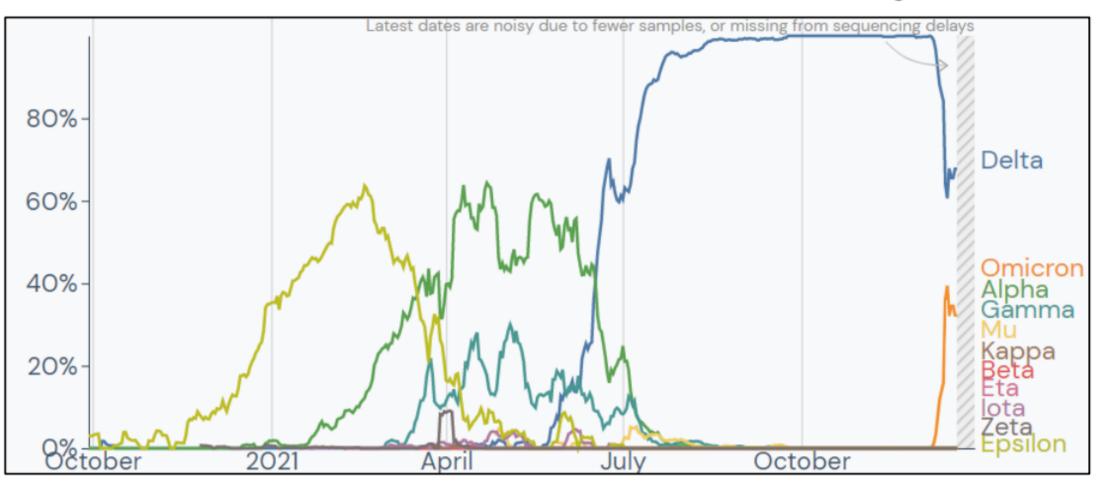
[&]quot;Confirmed cases are based on whole genome sequencing (WGS) results, which are not available until approximately 2-4 weeks after initial testing. These results do not represent all variant cases in San Diego County. Not all confirmed case samples are sequenced and not all sequencing results are immediately available to Public Health Services. Case counts will be updated as sequencing results become available. 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.

Source: San Diego County Communicable Disease Registry

^{**}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. Data are preliminary and subject to change.

COVID-19 Variants

7-Day Rolling Average of Percent of Sequences with Mutations Includes Residents and Non-Residents Tested in San Diego



Source:
outbreak.info,
Location
Tracker, San
Diego, CA
Mutation
Report
Accessed
12/29/2021.

Vaccinations in San Diego County

Doses Received

6,676,615



Doses Administered*

6,139,807

Booster Doses Administered**

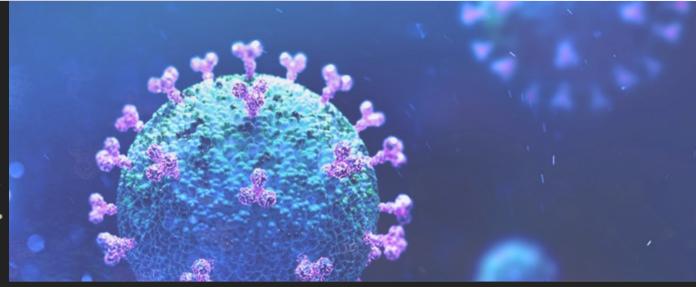
748,737



*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 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).

Eligible Population 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. Individuals vaccinated from some tribal entities and some prisons and federal detention facilities are not included, as these providers do not report to SDIR. Veterans Affairs individuals vaccinated added 4/28/2021. Department of Defense (DoD) individuals vaccinated added 5/6/2021. A small number of individuals vaccinated at DoD San Diego sites are residents of surrounding counties but receive care in San Diego County. San Diego County residents vaccinated with Johnson & Johnson Janssen single dose vaccine are included in "vaccinated with at least one dose" and "fully vaccinated" categories.

Updated 12/29/2021



Eligible Population: 3,147,936 San Diegans

San Diego County Residents Vaccinated with At Least One Dose

2,776,431

88.2%



San Diego County Residents Fully Vaccinated *

2,462,403

78.2% 韓

Vaccine Rate per County – Southern California

County	Doses Administered*	Population 5 Years and Older**	Vaccination Rate***
San Diego	6,139,807	3,147,936	195.0
Imperial	350,874	177,571	197.6
Orange	5,325,041	3,029,488	175.8
Los Angeles	16,652,954	9,657,619	172.4
Ventura	1,383,525	804,238	172.0
Santa Barbara	700,767	426,588	164.3
San Luis Obispo	430,656	266,671	161.5
Riverside	3,239,694	2,329,896	139.0
San Bernardino	2,704,686	2,055,349	131.6
Kern	1,033,780	854,594	121.0

^{*}Includes first, second, and extra doses. Source: California Department of Public Health (CDPH), posted Thursday, December 30, 2021. 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

County	Doses Administered*	Population 5 Years and Older**	Vaccination Rate***
San Diego	6,139,807	3,147,936	195.0
San Francisco	1,802,928	852,006	211.6
Santa Clara	3,905,177	1,872,896	208.5
Contra Costa	2,200,485	1,099,453	200.1
Alameda	3,142,502	1,589,173	197.7
Orange	5,325,041	3,029,488	175.8
Los Angeles	16,652,954	9,657,619	172.4
Sacramento	2,359,617	1,462,314	161.4
Fresno	1,346,354	948,346	142.0
Riverside	3,239,694	2,329,896	139.0
San Bernardino	2,704,686	2,055,349	131.6
Kern	1,033,780	854,594	121.0

^{*}Includes first, second, and extra doses. Source: California Department of Public Health (CDPH), posted Thursday, December 30, 2021. 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.

Monoclonal Antibody Regional Center (MARC)

Ways to Access Monoclonal Antibodies at a MARC

- If you think you qualify, call **(619) 685-2500** with questions or to make an appointment
- You can talk to your doctor or health provider to see if you would benefit
- Your doctor can call (619) 685-2500 with questions
- For additional information visit: www.sandiegocounty.gov/COVIDHealthProfessionals
- Email us at: <u>CovidTreatment@sdcounty.ca.gov</u>

LOCATIONS

MARC at Vista Community Clinic

Vista

Since July 13, 2021

MARC at
Clairemont
Friendship Center
Clairemont

Since September 25, 2021

Family Health Centers of San Diego

Hillcrest & Chula Vista
Since June 2021

Isolation and Quarantine of the General Public

Updated December 30, 2021

Updated isolation and quarantine recommendations for the general public, in alignment with timeframe recommendations from the Centers for Disease Control and Prevention (CDC).

Recommends additional mitigation measures, including testing to exit isolation and quarantine and improved masking.

Clarified that fully-vaccinated persons who are booster-eligible, but have not yet received their booster dose are now recommended to quarantine per updated CDC recommendations.

Included Appendix to determine when a person is "booster-eligible".







Everyone six months of age and older should receive a flu vaccination each season, especially pregnant woman and those with underlying conditions (e.g., Chronic Obstructive Pulmonary Disease, heart disease)





Thank You







