

HIGHLIGHTS

Globally, COVID-19 cases have surpassed 271.9 million with more than 5.3 million deaths.

In the United States, as of December 19, the total number of cases stands at 50,636,126 and deaths at 802,969.

A month ago, case counts had been rising, to about 90,000 per day on average nationally. For much of December, cases appeared to hover around 120,000, but have recently leaped above 130,000 per day, Johns Hopkins data shows. Compared to a month ago, the pace of new cases nationally is up 41%. Overall, the CDC says about three-quarters of counties have high levels of transmission.

The first data available for Moderna's COVID-19 vaccine suggests a third booster dose will be effective against omicron. Moderna said early Monday that in a lab study, blood from 20 people who received the 50-microgram Moderna booster had 37 times the number of neutralizing antibodies as compared to blood from the same number of people who only received two shots. A group that received a third shot of the higher, 100-microgram dose saw an 83-fold jump in neutralizing antibodies against omicron. A study released earlier this month by Pfizer and its partner BioNTech showed that a third dose of their COVID-19 vaccine boosted neutralizing antibodies against omicron more than 25-fold.

As of December 15, the California Department of Public Health (CDPH) will require masks to be worn in all indoor public settings irrespective of vaccine status through January 15, 2022. Additionally, CDPH updated requirements for attending mega events, like concerts and sporting events. Prior to attending an event, attendees will now require either proof of vaccination, a negative antigen COVID-19 test within one day of the event, or a negative PCR test within two days of the event. CDPH also issued a new travel advisory effective immediately to recommend that all travelers arriving in California test for COVID-19 within three to five days after arrival, regardless of their vaccination status. Read the press release [HERE](#).

UNITED STATES

COVID-19: U.S. at a Glance* (as of 12/19/21)

- Total cases: 50,636,126
- Total deaths: 802,969
- Jurisdictions reporting cases: 55 (50 states, District of Columbia, Guam, Puerto Rico, the Northern Mariana Islands, and the U.S. Virgin Islands)

*As of April 14, 2020, CDC case counts and death counts include both confirmed and probable cases and deaths. This change was made to reflect an interim COVID-19 position statement issued by the Council for State and Territorial Epidemiologists on April 5, 2020.

A confirmed case or death is defined by meeting confirmatory laboratory evidence for COVID-19.

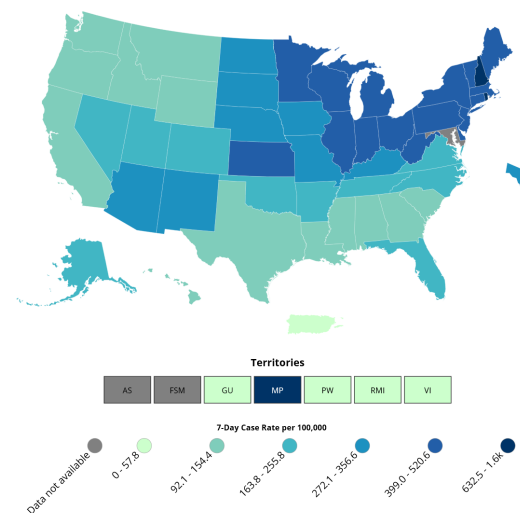
A probable case or death is defined by:

- meeting clinical criteria AND epidemiologic evidence with no confirmatory laboratory testing performed for COVID-19; or
 - meeting presumptive laboratory evidence AND either clinical criteria OR epidemiologic evidence; or
 - meeting vital records criteria with no confirmatory laboratory testing performed for COVID-19.
- State and local public health departments are now testing and publicly reporting their cases. In the event of a discrepancy between CDC cases and cases reported by state and local public health officials, data reported by states should be considered the most up to date.

National Laboratory Testing Data (as of 12/19/21)

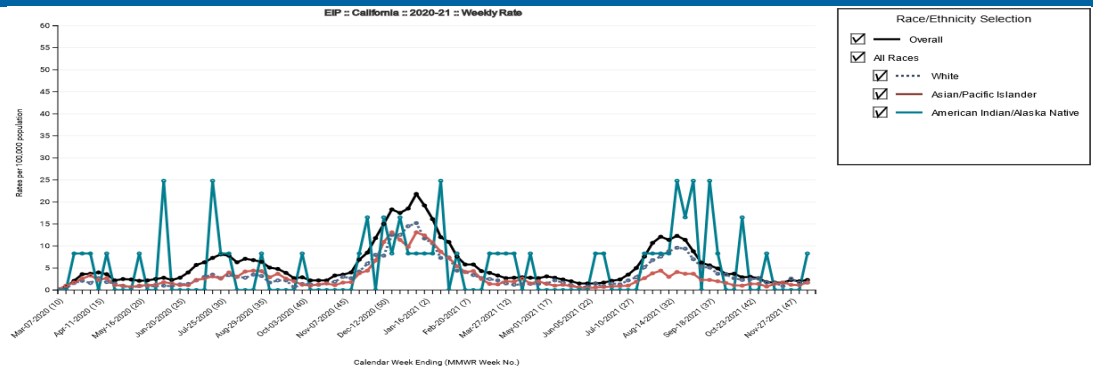
- Total tests reported: 693,401,702
- Positive tests reported: 52,206,292
- Percent of positive tests (7-day): 8.2%

US COVID-19 7-Day Case Rate per 100,000, by State/Territory



COVID-19 HOSPITALIZATION BY RACE/ETHNICITY, CA

For the week ending on December 11, 2021, the graph to the right shows that the hospitalization rate among AIAN statewide was 8.3 per 100,000 (vs. 1.7 per 100,000 among Whites).



COVID-19 CASES BY IHS AREA

	NEGATIVE CASES	POSITIVE CASES	TESTED
ALASKA	747,687	27,497	886,108
ALBUQUERQUE	95,786	10,229	126,814
BEMIDJI	226,768	19,275	246,680
BILLINGS	120,950	10,208	135,052
CALIFORNIA	121,234	13,581	140,573
GREAT PLAINS	186,690	18,541	205,920
NASHVILLE	113,305	10,159	126,375
NAVAJO	279,691	45,127	382,521
OKLAHOMA CITY	695,605	95,382	803,428
PHOENIX	212,618	31,434	245,261
PORTLAND	171,887	12,842	185,270
TUCSON	48,340	4,343	52,806

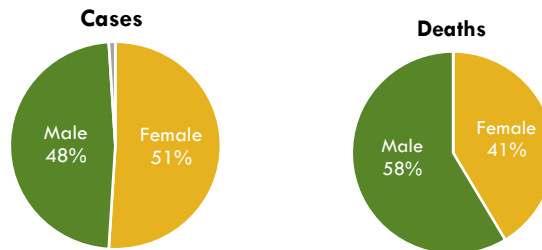
*as of 11:59PM EST December 19, 2021

CALIFORNIA

As of December 20, 2021, there were a total of 4,935,461 positive cases and 75,167 deaths in California.

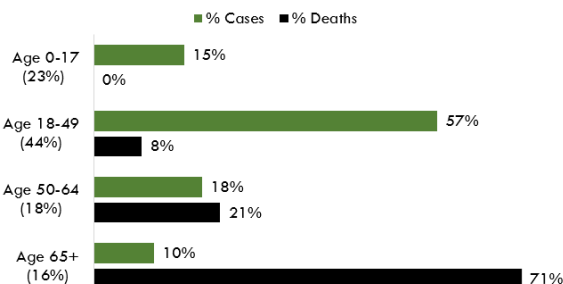
Confirmed positive cases by gender:

- Female: 2,517,085
- Male: 2,369,021
- Unknown: 49,355



Confirmed positive cases by age:

- Age 0-17: 740,320
- Age 18-49: 2,813,213
- Age 50-64: 888,383
- Age 65 and older: 493,546





CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #380 DECEMBER 20, 2021



California COVID-19 threat level: **High**

DAILY NEW CASES

18.1 PER 100K

COVID NOT CONTAINED, BUT DAILY NEW CASES ARE AT MEDIUM LEVELS

INFECTION RATE

1.00

COVID IS STILL SPREADING, BUT AT MEDIUM LEVELS

POSITIVE TEST RATE

2.3%

INDICATES LOW TESTING POSITIVITY

Lab tests reported statewide*: 117,483,254 7-day test positivity rate*: 2.8% *as of 12/19/21

Numerous public health labs in California are testing for COVID-19 samples. Click [HERE](#) to find your nearest testing site.

COVID-19 CASES BY VARIANTS OF INTEREST, CALIFORNIA

As of December 15, 299,708 samples have been sequenced in California. In August 2021, 16% of cases in California have been sequenced so far. In July 2021, 23% of cases in California were sequenced. The table below shows the percent of specimens sequenced that are variants of concern or variants of interest statewide.

Specimen Collection Month	Alpha	Beta	Gamma	Delta	Epsilon	Zeta	Eta	Iota	Kappa	Mu	Omicron
21-Dec	0.0%	0.0%	0.0%	98.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%

The following table shows the number of COVID-19 cases by variants of interest among the California counties with the most COVID-19 cases reported.

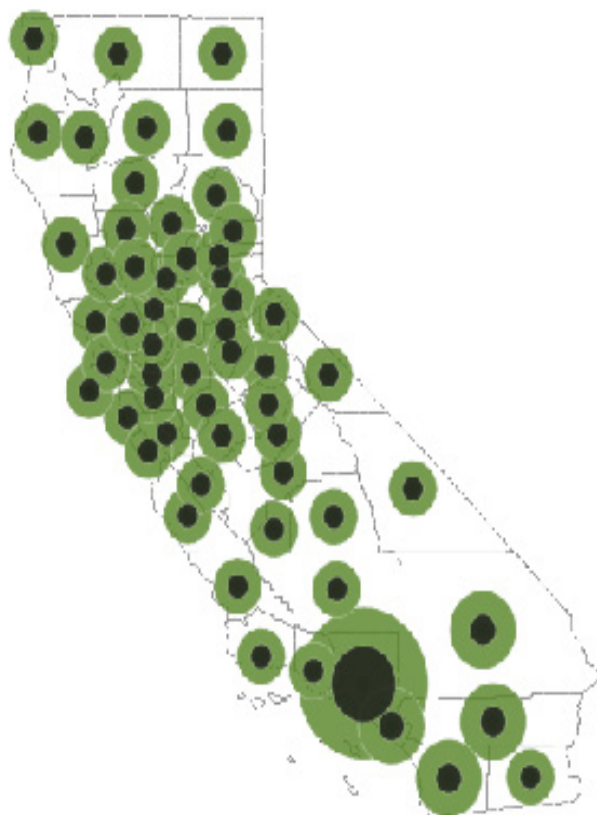
County	Number of Cases by Variants of Concern			Total COVID-19 Cases
	Omicron	Delta	Delta among AI/AN	
Los Angeles	30	N/A*	N/A*	1,563,879
San Diego	15	13,304	56	397,374
Riverside	1	1,424	N/A*	385,788
San Bernardino	1	N/A*	N/A*	374,382
Orange	1	6,732	N/A*	320,186
STATEWIDE TOTALS	49	184,700	N/A*	4,901,895
Updated as of 12/20/21				
*to be updated as data becomes publicly available				

INDIAN HEALTH SERVICE CALIFORNIA AREA

140,573 Tribal or Urban Indian Health Program patients in the California Area have been tested for COVID-19 as of 12/19/2021.

Of these, 13,581 patients have tested positive for COVID-19 and 121,234 have tested negative for COVID-19. The 7-day rolling average positivity rate is 4.1%.

CONFIRMED CASES AND DEATHS BY COUNTY



Counties with most reported cases

Los Angeles	1,495,082
San Diego	398,197
Riverside	381,305
San Bernardino	373,480
Orange	319,615

Counties with most reported deaths

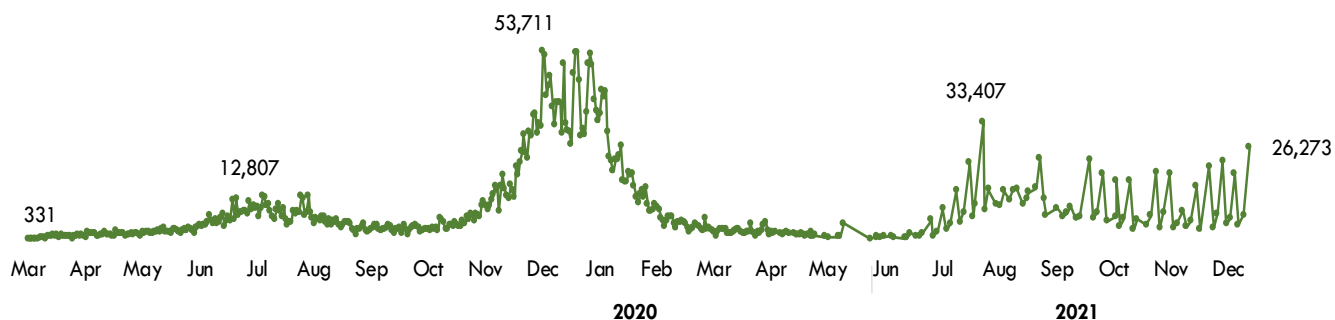
Los Angeles	27,189
San Bernardino	6,023
Orange	5,852
Riverside	5,452
San Diego	4,406

As of 12/20/2021. Source: CDPH

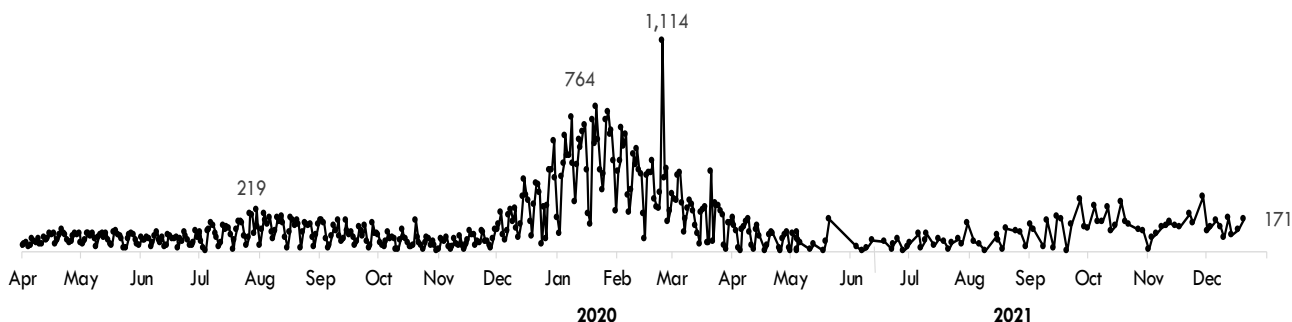
4,935,461 Cases
in California

75,167 Deaths
in California

New Confirmed Cases in California by Date



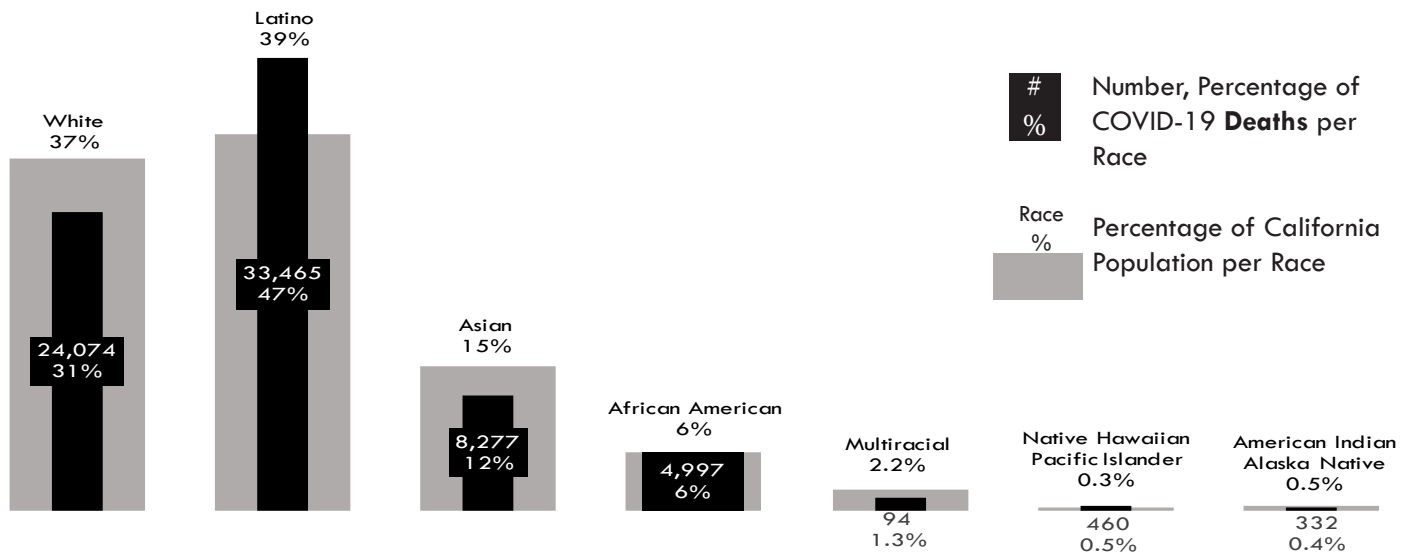
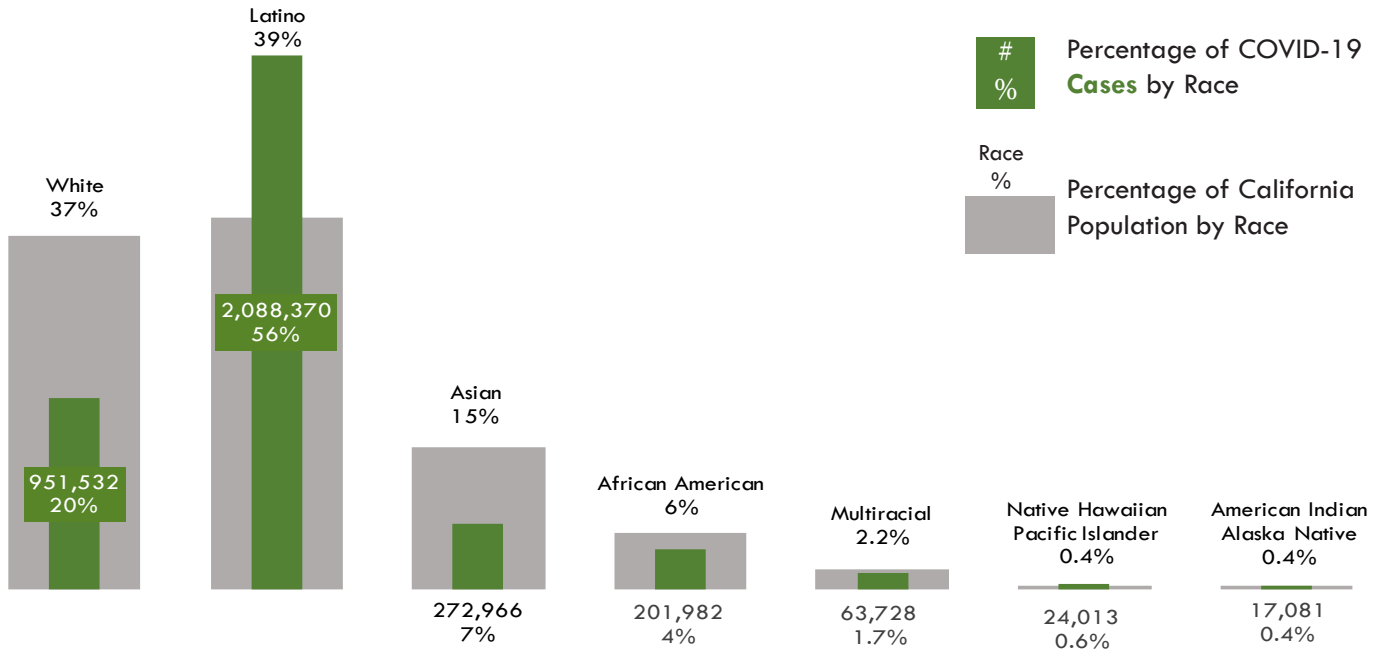
New Confirmed Deaths in California by Date



As of 12/20/2021. Source: CDPH

Racial distribution of confirmed COVID-19 cases and deaths in California

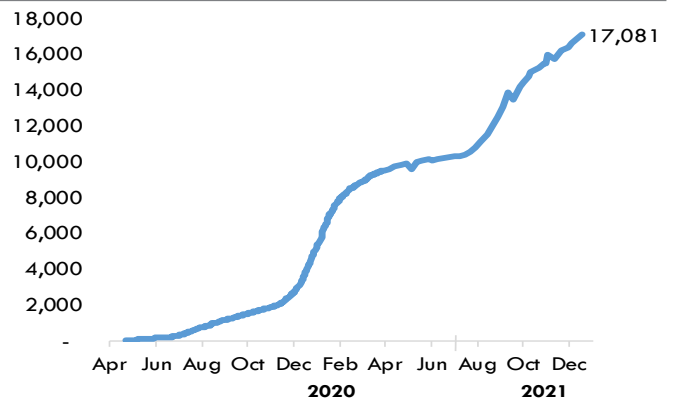
American Indians and Alaska Natives account for 0.5% percent of the population, **0.4% of COVID-19 cases**, and **0.4% of deaths** in California. This includes a total of **17,081 cases** and **332 deaths** among American Indian and Alaska Native people in California.



Note: 10% of cases and 1% of deaths are of unknown race/ethnicity. As of 12/17/2021. Source: CDPH

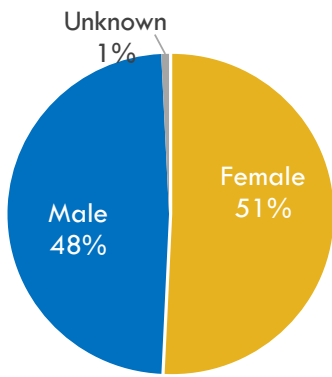
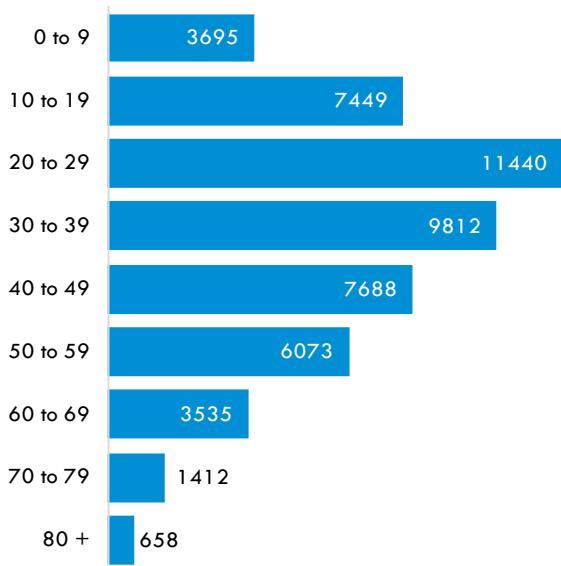
Data from California Department of Public Health (CDPH) include all positive cases of AIAN diagnosed in California.

As of 12/17/2021. Source: CDPH

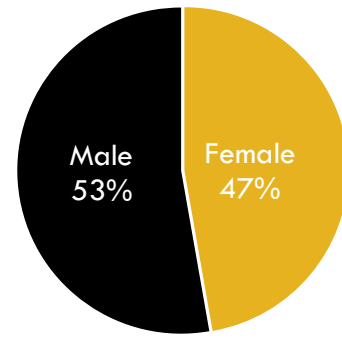
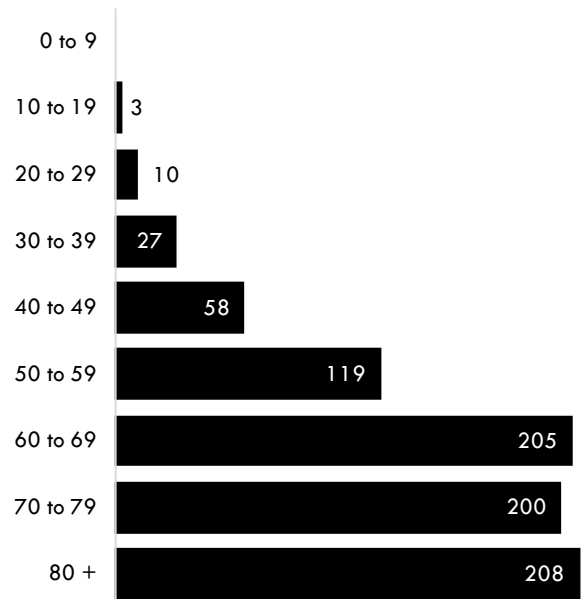


American Indian and Alaska Native (AIAN) data reported by California to the Centers for Disease Control and Prevention (CDC)

Positive COVID-19 cases among AIAN people in California by Age Group and Gender



COVID-19 deaths among AIAN people in California by Age Group and Gender



California Department of Public Health reports COVID-19 data on American Indian and Alaska Native (AIAN) people that only identify in one racial category. Below is a comparison using CDC's data on AIAN cases and deaths in California by racial classification, using a more restrictive definition (AIAN alone) versus a more comprehensive definition (AIAN in combination with other races/ethnicities).

	Cases	Deaths
AIAN alone	15,834	388
AIAN in combination	51,762	830

As of 12/17/2021. Source: CDC

Two sources for tracking American Indian and Alaska Native (AIAN) vaccinations administered in California

Data from [California Department of Public Health \(CDPH\)](#) does not include vaccines administered by Federal entities such as **Indian Health Service**, Department of Defense, U.S. Federal Bureau of Prisons, and Veterans Affairs.

62,762,797

Doses administered

3,055,332

People partially vaccinated

26,478,495

People fully vaccinated



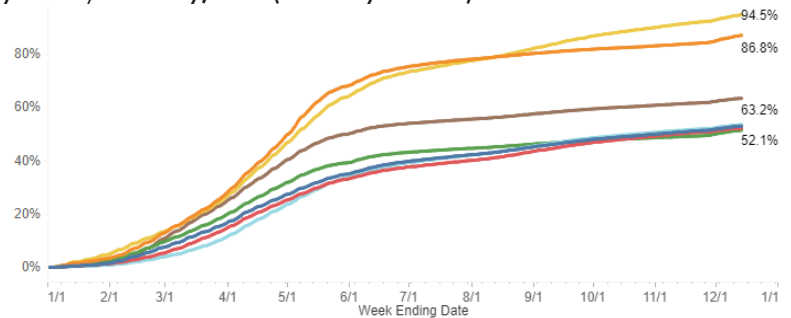
Doses administered by county of residence

Los Angeles	16,177,639
San Diego	5,610,346
Orange	5,172,338
Santa Clara	3,774,773
Alameda	3,044,546

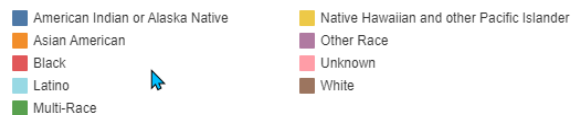
As of 12/20/2021. Source: CDPH

Fully Vaccinated by Race/Ethnicity, CA. (Primary Series)

The graph to the right shows that as of December 15, 2021, 52.8% of the eligible AIAN population statewide has been fully vaccinated (vs. 63.0% among Whites)



Note: Population estimates do not include "other" or "unknown" race and ethnicity categories, therefore their percentage of state population is not available. Some race/ethnicity groups in this county may have small populations. Where the county of residence was not reported, the county where vaccinated is used. Data is not shown where there are fewer than 11 records in a group.



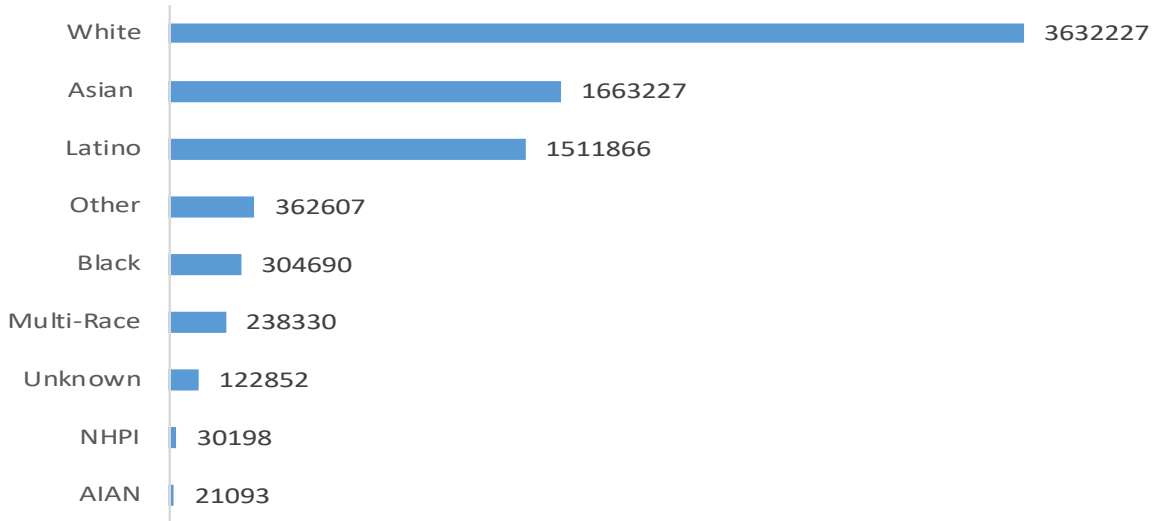
Vaccination Progress by Race/Ethnicity, CA. (Primary Series)

Race	Fully Vaccinated	Partially Vaccinated	Unvaccinated	Eligible Population
AIAN	89,497	15,019	62,208	163,724
Asian	4,310,388 (86.8%)	362,307 (7.3%)	295,908 (6.0%)	4,968,603
Black	1,129,971 (52.1%)	123,410 (5.7%)	915,944 (42.2%)	2,169,325
Latino	7,888,905 (53.4%)	1,044,473 (7.1%)	5,845,931 (39.6%)	14,779,309
Native Hawaiian/ Pacific Islander	129,201 (94.5%)	14,562 (10.6%)	Unknown	136,761
White	9,144,968 (63.2%)	796,896 (5.5%)	4,525,798 (31.3%)	14,467,662
Multi-Race	517,052 (51.3%)	26,400 (2.6%)	464,840 (46.1%)	1,008,292
Other*	2,074,678	361,544	N/A	N/A
Unknown*	1,035,321	300,329	N/A	N/A

*Percentage of vaccinations not available.

As of 12/15/2021. Source: CDPH

Vaccination Progress by Race/Ethnicity, CA. (Booster)



The graph above of December 15, 2021, shows that 21,093 have identified as AIAN (vs. 3,632,227 Whites).

Data from the [Indian Health Service \(IHS\)](#) shows the total number of vaccine doses (Pfizer, Moderna, and Johnson & Johnson/Janssen) distributed and administered by IHS Area to date

Area	Total Doses Distributed	Total Doses Administered
Albuquerque	163,475	164,612
Bemidji	207,535	157,304
Billings	105,055	68,706
California	292,335	195,647
Great Plains	196,460	133,830
Nashville	135,475	96,780
Navajo	369,625	331,393
Oklahoma City	607,030	473,820
Phoenix	265,030	220,006
Portland	131,155	97,324
Tucson	14,990	11,356

*As of 12/13/2021. Source: IHS

American Indian and Alaska Native (AIAN) COVID-19 cases reported by local public health departments in selected California counties

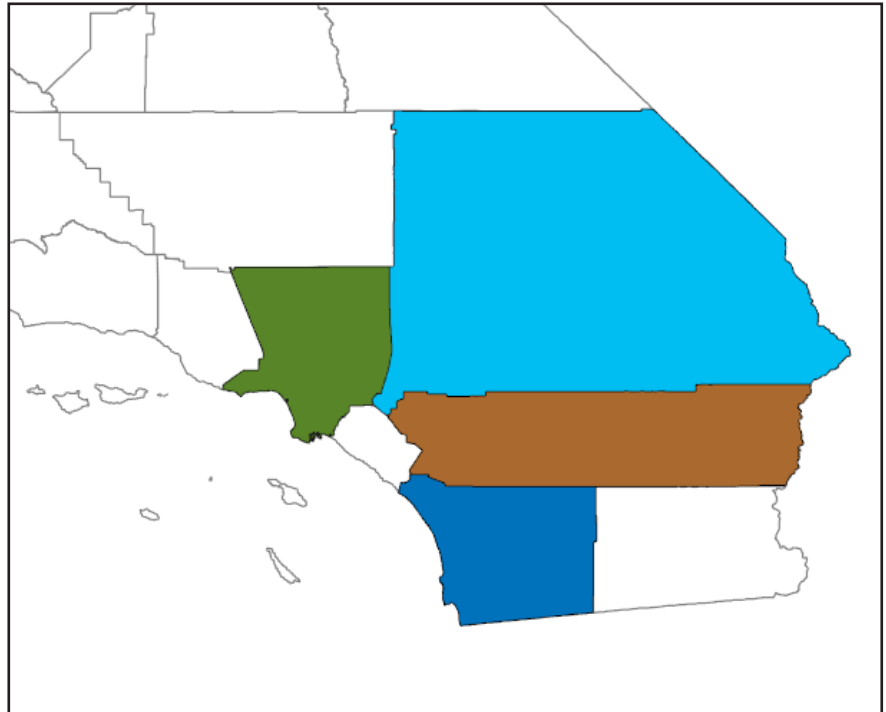
Los Angeles County*	
AIAN Cases	2,571
AIAN Deaths	59
AIAN Tested	15,568

*Note: Data do not include the Cities of Long Beach and Pasadena.

San Bernardino County	
AIAN Cases	3,720
AIAN Deaths	41

San Diego County	
AIAN Cases	1,400
AIAN Deaths	21
AIAN Tested	16,438

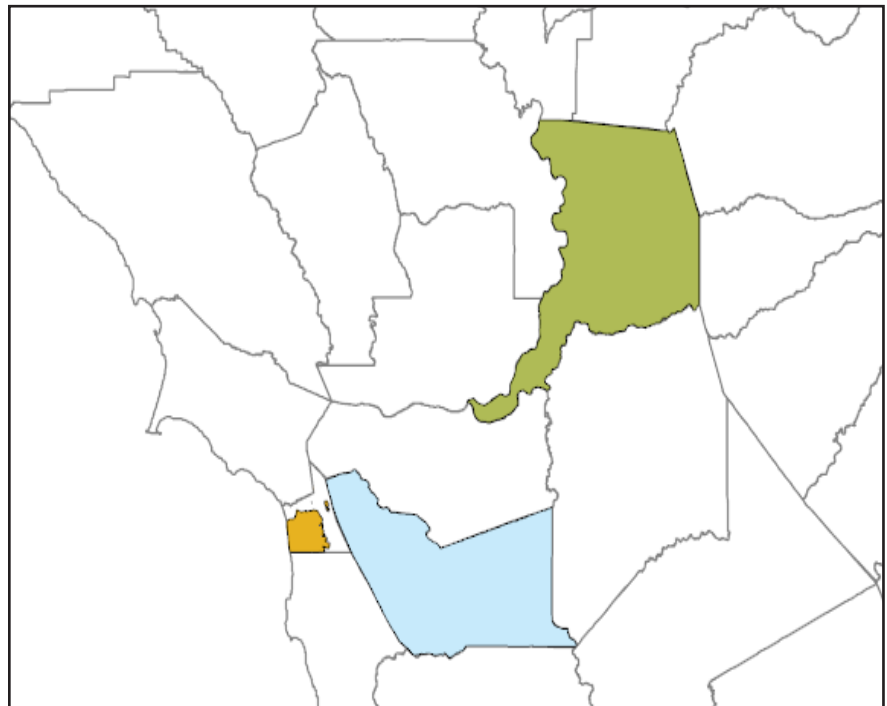
Riverside County	
AIAN Cases	1,577
AIAN Deaths	29



Sacramento County	
AIAN Cases	729
AIAN Deaths	16

San Francisco County	
AIAN Cases	184
AIAN Deaths	0

Alameda County	
AIAN Cases	326
AIAN Deaths	na



As of 12/20/2021. Source: County of Los Angeles Public Health, San Bernardino County Department of Public Health, San Diego County Communicable Disease Registry, Riverside University Health System-Public Health, Sacramento County Public Health, DataSF, and Alameda County Department of Public Health.