



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #422 APRIL 6, 2022



HIGHLIGHTS

Globally, COVID-19 cases have surpassed 490.8 million with more than 6.1 million deaths.

In the United States, as of April 5th, the total number of cases stands at 80,031,627 and deaths at 979,610.

The CDC now recommends a second booster shot for people over 50, those who are immune-compromised, and those who got the Johnson & Johnson vaccine. It must be at least 4 months since you got your first booster. See if you're eligible [HERE](#).

A fourth dose of the Pfizer/BioNTech Covid-19 vaccine seems to offer short-lived protection against infection overall, but protection against severe illness did not wane for at least several weeks, according to a new study. The rate of severe Covid-19 infection in the fourth week after a fourth dose of vaccine was lower than in people who got only three doses by a factor of 3.5. The rate of confirmed infection in the fourth week after the fourth dose was lower than in the three-dose group by a factor of 2. The US Food and Drug Administration's independent vaccine committee meets Wednesday to discuss what the country's booster strategy should be going forward. Some experts have suggested that the Covid-19 vaccine could become an annual shot like the flu vaccine. It is unclear how many eligible people will get a fourth Covid-19 shot. About 66% of the US population has gotten at least one Covid-19 vaccine, but only 30% of people are fully vaccinated with a booster dose, according to the US Centers for Disease Control and Prevention.

UNITED STATES

COVID-19: U.S. at a Glance* (as of 4/5/22)

- Total cases: 80,031,627
- Total deaths: 979,610
- 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.

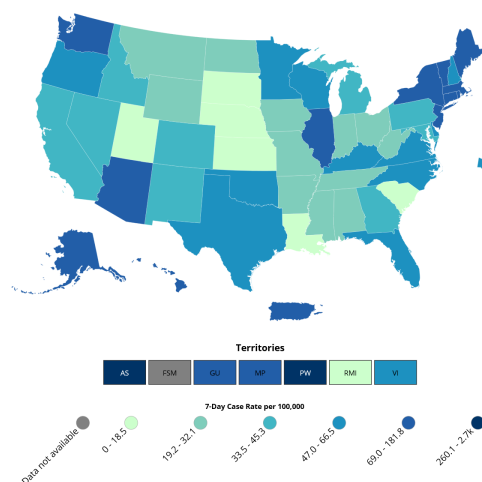
A probable case or death is defined by:

i) meeting clinical criteria AND epidemiologic evidence with no confirmatory laboratory testing performed for COVID-19; or ii) meeting presumptive laboratory evidence AND either clinical criteria OR epidemiologic evidence; or iii) 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 4/5/22)

- Total tests reported: 851,142,088
- Positive tests reported: 78,476,809
- Percent of positive tests (7-day): 2.9%

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



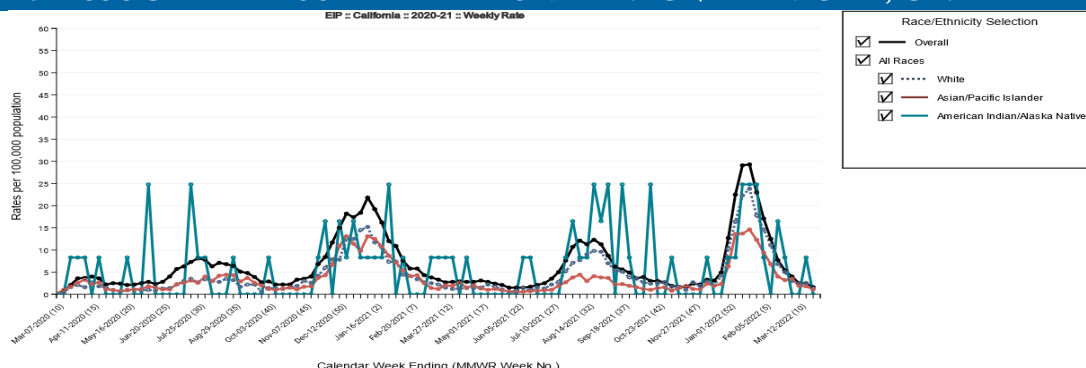


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RATES OF COVID-19-ASSOCIATED HOSPITALIZATION BY RACE/ETHNICITY, CA.

For the week ending on 3/26/22, CDC data shows that AIAN statewide had a COVID-19 hospitalization rate of 0.0 per 100,000 population, which is lower when compared to Whites (1.3 per 100,000).



COVID-19 CASES BY INDIAN HEALTH SERVICES AREA

	NEGATIVE CASES	POSITIVE CASES	TESTED
ALASKA	848,281	47,378	1,024,994
ALBUQUERQUE	108,702	13,445	142,756
BEMIDJI	262,871	28,493	292,325
BILLINGS	133,570	13,225	151,296
CALIFORNIA	145,275	19,663	172,170
GREAT PLAINS	214,499	25,425	242,039
NASHVILLE	135,737	16,490	157,203
NAVAJO	336,929	66,763	470,331
OKLAHOMA CITY	850,481	157,122	1,018,366
PHOENIX	244,560	43,111	288,899
PORTLAND	204,219	18,522	223,398
TUCSON	66,834	8,612	75,706

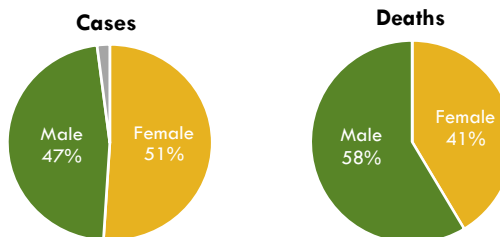
*as of 4/3/2022

CALIFORNIA

As of April 5, 2022, there were a total of 8,503,930 positive cases and 88,355 deaths in California.

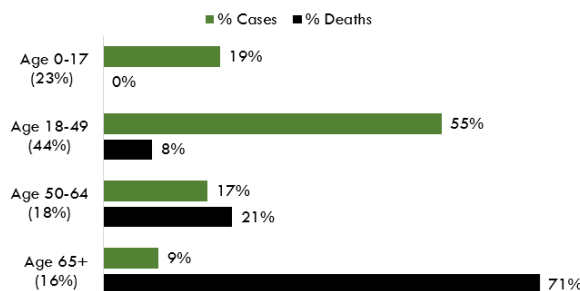
Confirmed positive cases by gender:

- Female: 4,337,004
- Male: 3,996,847
- Unknown: 170,079



Confirmed positive cases by age:

- Age 0-17: 1,615,747
- Age 18-49: 4,677,162
- Age 50-64: 1,445,668
- Age 65 and older: 765,354





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

DAILY NEW CASES

8.0 PER 100K

COVID-19 NOT CONTAINED AND DAILY NEW CASES ARE AT MEDIUM LEVELS

INFECTION RATE

0.89

COVID-19 IS STILL SPREADING AT LOW LEVELS

POSITIVE TEST RATE

1.5%

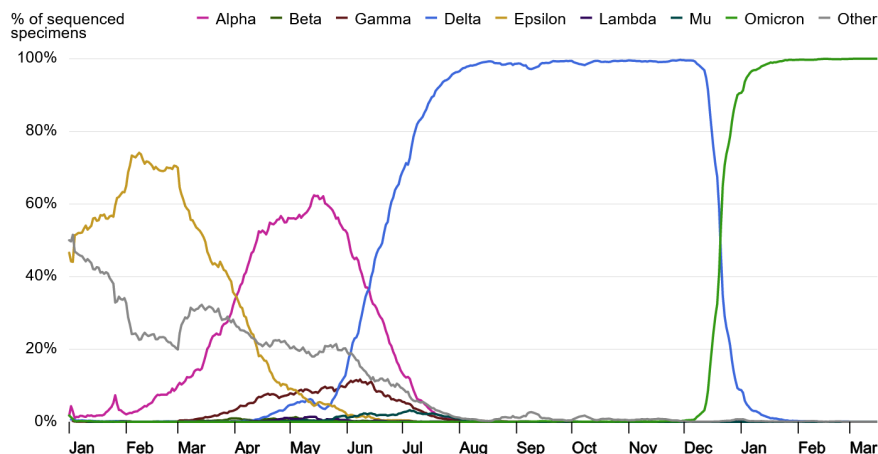
INDICATES LOW TESTING POSITIVITY

Lab tests reported statewide: 155,972,674 7-day test positivity rate: 1.5%

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

COVID-19 VARIANTS OF CONCERN, CALIFORNIA

As of March 30, 516,559 samples have been sequenced in California. In February 2022, 12% of 324,065 cases in California had been sequenced. In January 2022, 2% of 2,538,314 cases were sequenced. In December 2021, 9% of 698,365 cases were sequenced. The chart below shows the percent of specimens sequenced by month that are variants of concern/interest. The table below shows the percent of specimens sequenced by recent weeks that are variants of concern/interest statewide.



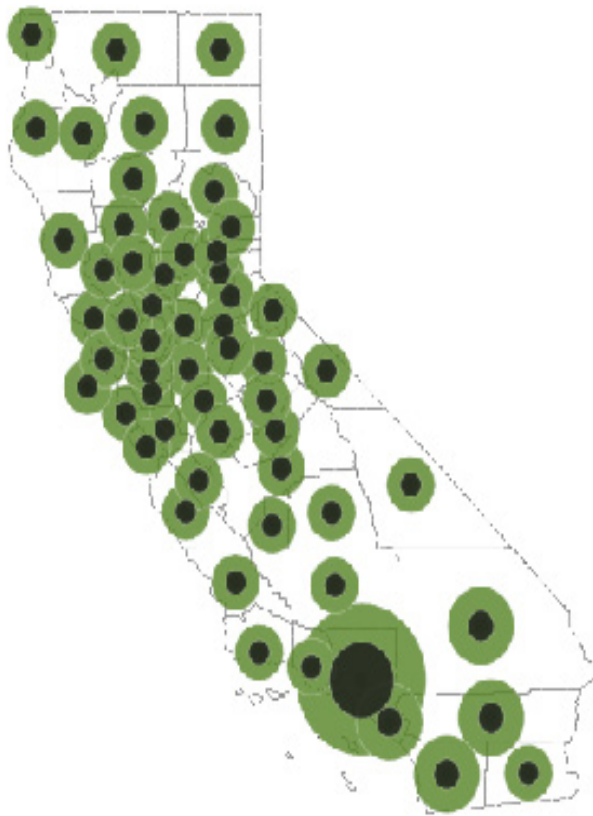
Week Ending	Alpha	Beta	Gamma	Delta	Epsilon	Lambda	Mu	Omicron
3/9/22	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
3/16/22	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

INDIAN HEALTH SERVICE CALIFORNIA AREA

172,170 Tribal or Urban Indian Health Program patients in the California Area have been tested for COVID-19 as of 4/4/2022.

Of these, 19,663 patients have tested positive for COVID-19 and 145,275 have tested negative for COVID-19. The 7-day rolling average positivity rate is 1.5%.

CONFIRMED CASES AND DEATHS BY COUNTY, CALIFORNIA



Counties with most reported cases

Los Angeles	2,707,306
San Diego	753,402
Riverside	590,826
San Bernardino	561,648
Orange	546,491

Counties with most reported deaths

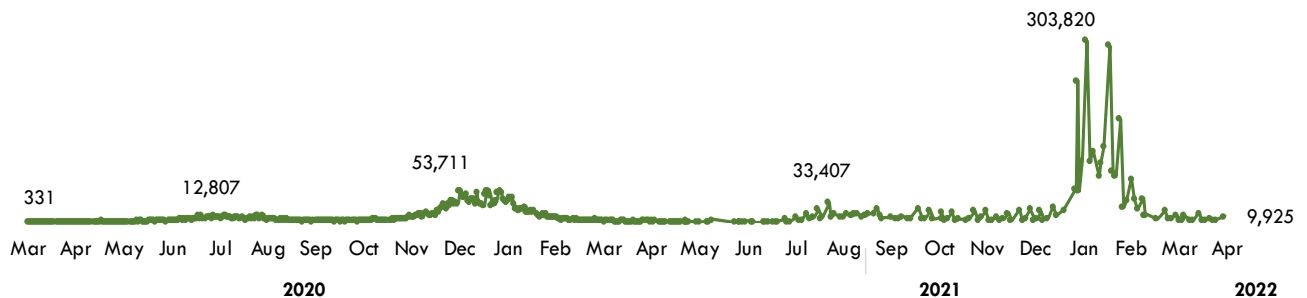
Los Angeles	31,465
San Bernardino	6,887
Orange	6,883
Riverside	6,424
San Diego	5,192

As of 4/6/2022. Source: CDPH

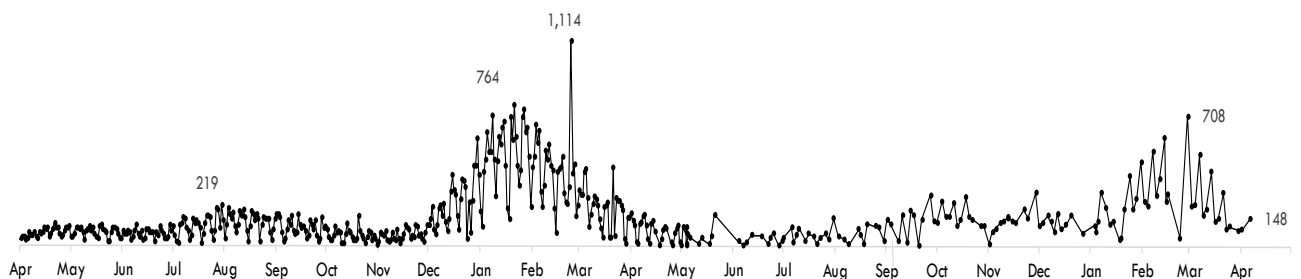
8,503,930 Cases
in California

88,355 Deaths
in California

Newly Reported Cases in California by Date



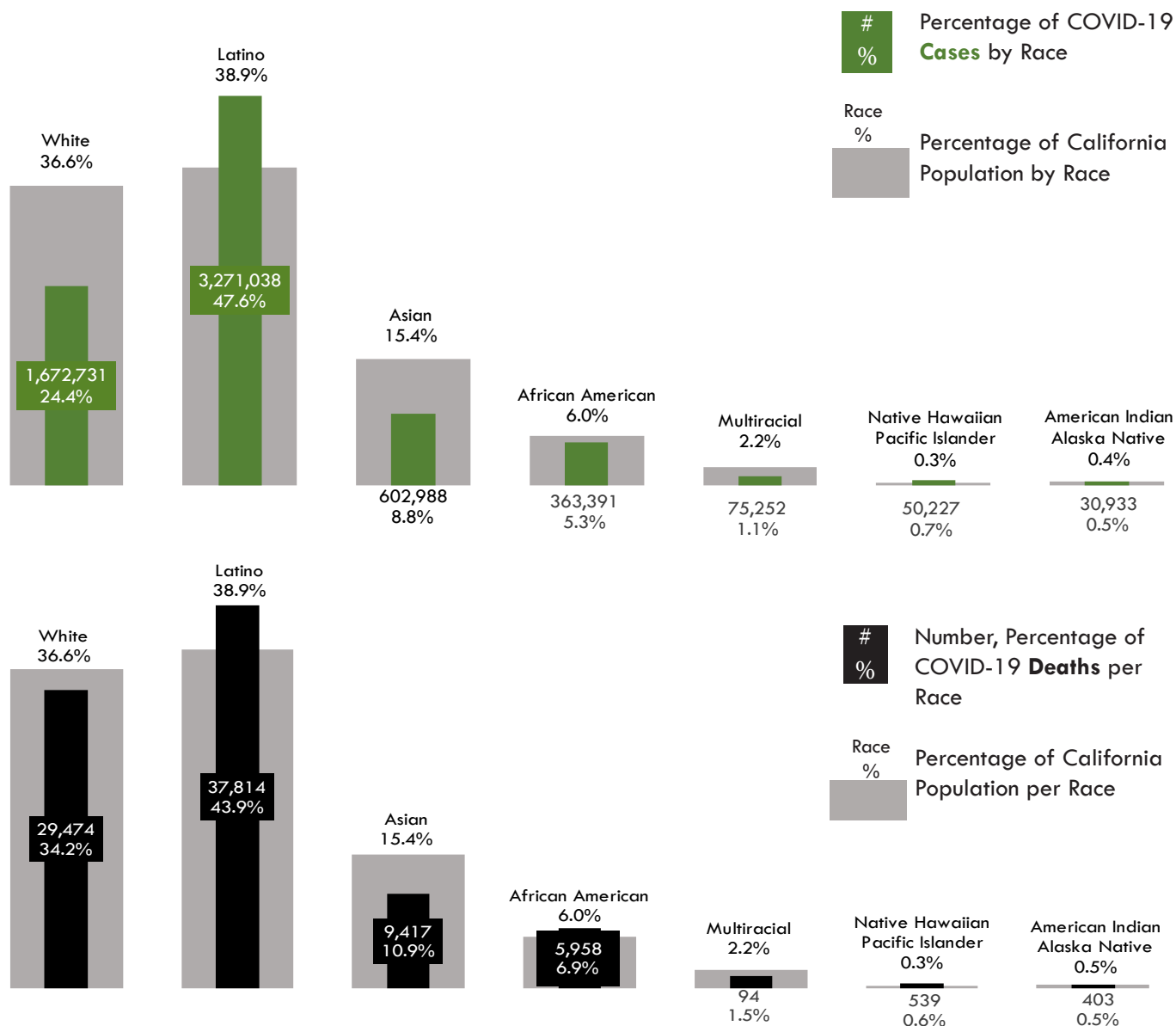
Newly Reported Deaths in California by Date



As of 4/6/2022. Source: CDPH

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

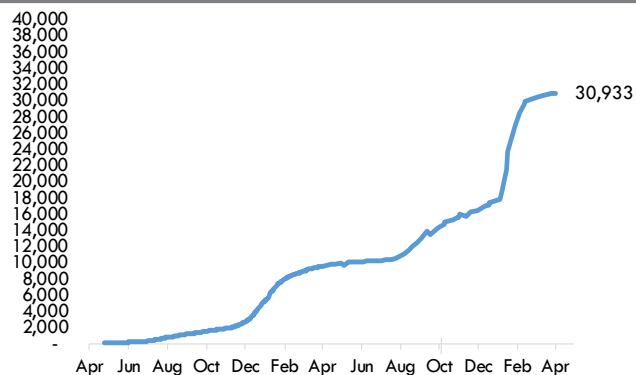
American Indians and Alaska Natives account for 0.5% percent of the population, **0.5% of COVID-19 cases**, and **0.5% of deaths** in California. This includes a total of **30,933 cases** and **403 deaths** among American Indian and Alaska Native people in California.



Note: 10% of cases and 1% of deaths are of unknown race/ethnicity. As of 4/1/2022. Source: CDPH

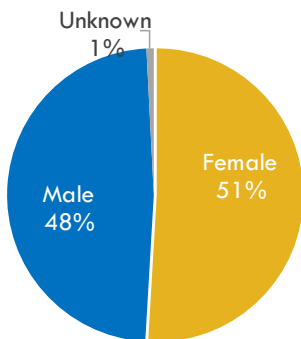
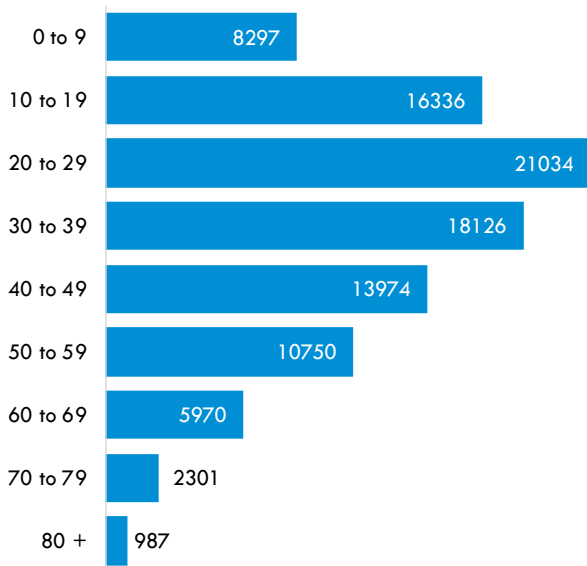
Data from [California Department of Public Health \(CDPH\)](#) include all positive cases of AIAN diagnosed in California.

As of 4/1/2022. Source: CDPH

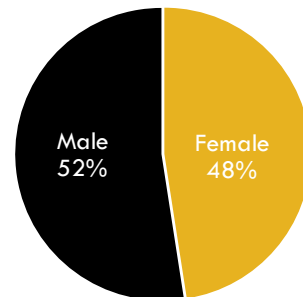
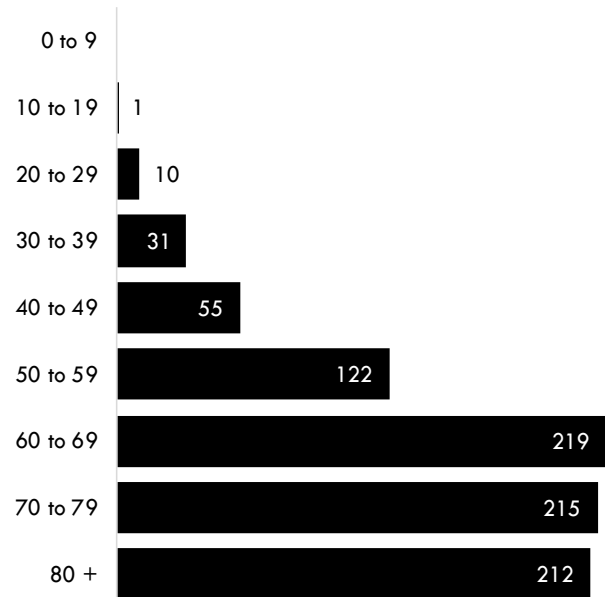


American Indian and Alaska Native (AIAN) data reported by California to the Centers for Disease Control and Prevention (CDC)

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	29,453	417
AIAN in combination	97,775	865

As of 4/1/2022. 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.

73,068,231

Doses administered

3,527,832

People partially vaccinated

28,110,761

People fully vaccinated



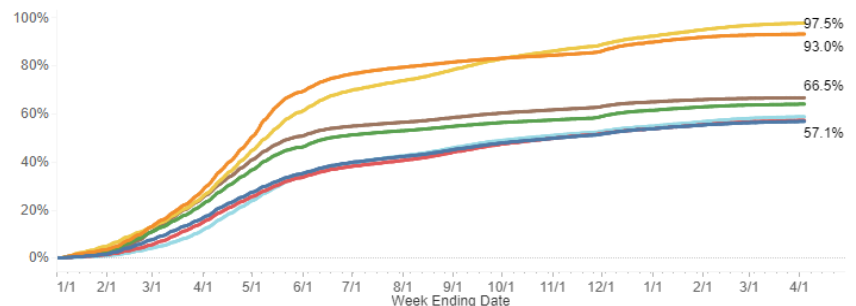
Doses administered by county of residence

Los Angeles	18,811,232
San Diego	6,804,266
Orange	5,943,315
Santa Clara	4,399,079
Alameda	3,580,193

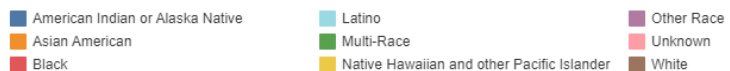
As of 4/6/2022. Source: CDPH

Fully Vaccinated by Race/Ethnicity, California

The graph to the right shows that as of April 6 2022, 56.7% of the eligible AIAN population statewide has been fully vaccinated (vs. 66.5% 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.



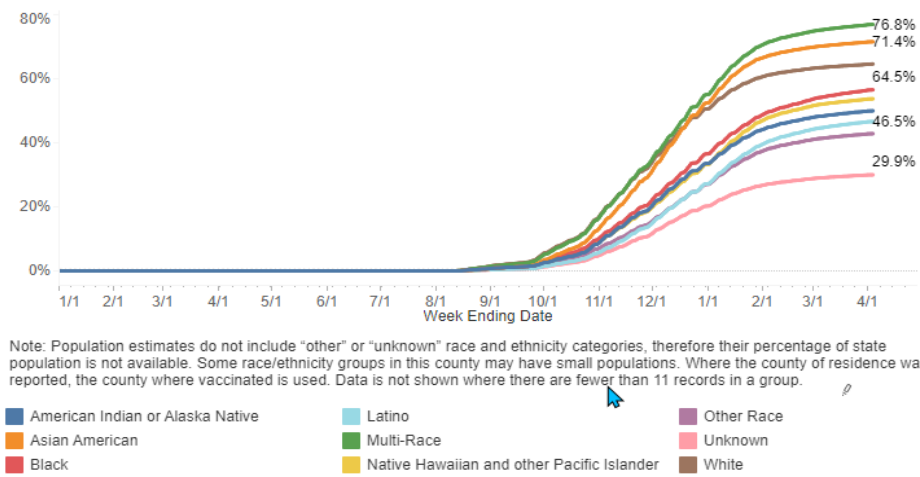
Vaccination Progress by Race/Ethnicity, California.

Race	Fully Vaccinated	Partially Vaccinated	Unvaccinated	Eligible Population
AIAN[^]	92,786 (56.7%)	16,500 (10.1%)	54,438 (33.2%)	163,724
Asian	4,620,482 (93.0%)	413,726 (8.3%)	*NA	4,968,603
Black	1,238,771 (57.1%)	130,796 (6.0%)	799,758 (36.9%)	2,169,325
Latino	8,662,569 (58.6%)	1,213,735 (8.2%)	4,903,005 (33.2%)	14,779,309
Native Hawaiian/ Pacific Islander	133,378 (97.5%)	15,636 (11.4%)	Unknown	136,761
White	9,626,672 (66.5%)	894,188 (6.2%)	3,946,802 (27.3%)	14,467,662
Multi-Race	643,978 (63.9%)	24,429 (2.4%)	339,885 (33.7%)	1,008,292
Other*	2,085,510	415,300	N/A	N/A
Unknown*	1,006,613	403,521	N/A	N/A

*Percentage of vaccinations not available.

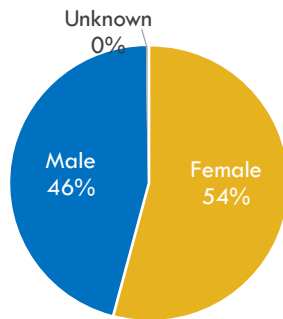
[^]Does not include doses administered by IHS

Booster vaccination progress over time by race/ethnicity, California



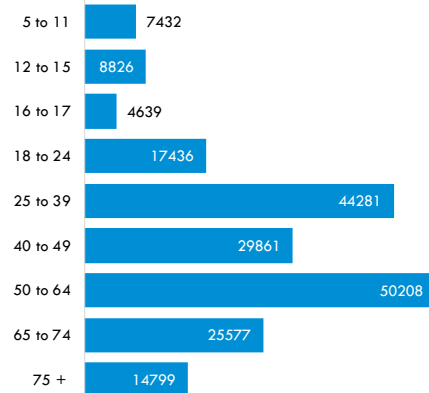
*As of 4/6/2022. Source: CDPH

COVID-19 Vaccine Distribution among AIAN in California by Gender



*As of 4/1/2022. Source: CDC

COVID-19 Vaccine Distribution among AIAN in California by Age Group



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	192,490	184,318
Bemidji	232,320	173,075
Billings	127,730	78,101
California	343,830	218,114
Great Plains	234,130	157,687
Nashville	153,440	108,312
Navajo	423,180	378,054
Oklahoma City	669,765	509,646
Phoenix	318,105	240,785
Portland	156,150	106,221
Tucson	15,990	11,970

*As of 4/6/2022. 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	4,921
AIAN Deaths	73
AIAN Tested	20,228

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

San Bernardino County

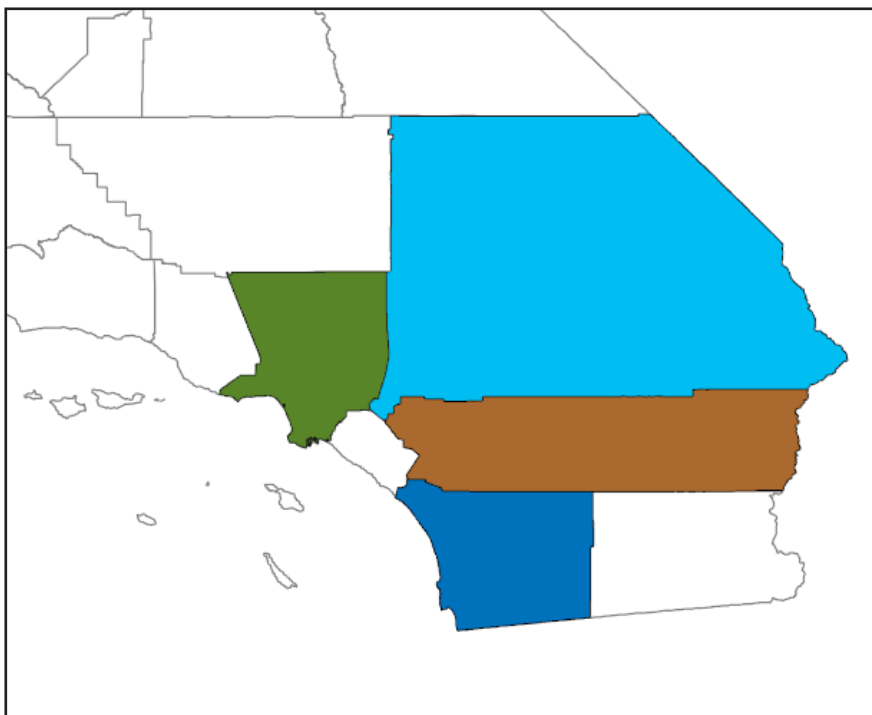
AIAN Cases	7,054
AIAN Deaths	48

San Diego County

AIAN Cases	2,959
AIAN Deaths	21
AIAN Tested	16,438

Riverside County

AIAN Cases	2,578
AIAN Deaths	36



Sacramento County

AIAN Cases	1,242
AIAN Deaths	19

San Francisco County

AIAN Cases	309
AIAN Deaths	0

Alameda County

AIAN Cases	717
AIAN Deaths	na

