



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #427 APRIL 19, 2022



HIGHLIGHTS

Globally, COVID-19 cases have surpassed 500 million with more than 6.1 million deaths.

In the United States, as of April 18th, the total number of cases stands at 80,476,479 and deaths at 986,123.

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](#).

The BA.2 omicron subvariant accounts for 85.9 percent of new cases in the U.S., according to the CDC's latest estimates for the week ending April 9. While hospitalizations continue to decline, cases have increased nationwide. The daily average for new cases on April 11 was 32,224, marking a 10 percent increase from two weeks before, data from The New York Times shows. Daily cases are projected to increase 54.4 percent nationwide from 27,415.7 on April 9 to 42,342 by April 23, according to modeling from Rochester, Minn.-based Mayo Clinic. Health experts have said a likely rise in infections driven by BA.2 may not drive up hospitalizations because of immunity from past infection or vaccination.

UNITED STATES

COVID-19: U.S. at a Glance* (as of 4/18/22)

- Total cases: 80,476,479
- Total deaths: 986,123
- 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:

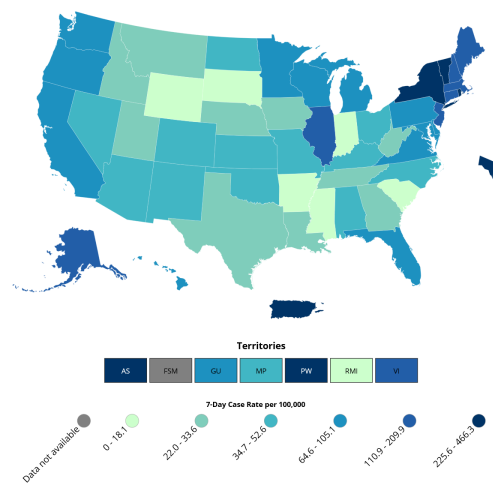
- i) meeting clinical criteria AND epidemiologic evidence with no confirmatory laboratory testing performed for COVID-19; or ii) meeting presumptive laboratory evidence AND either clinical criteria OR epidemiologic evidence; or iii) meeting vital records criteria with no confirmatory laboratory testing 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 4/18/22)

- Total tests reported: 862,094,695
- Positive tests reported: 78,940,677
- Percent of positive tests (7-day): 5.0%

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



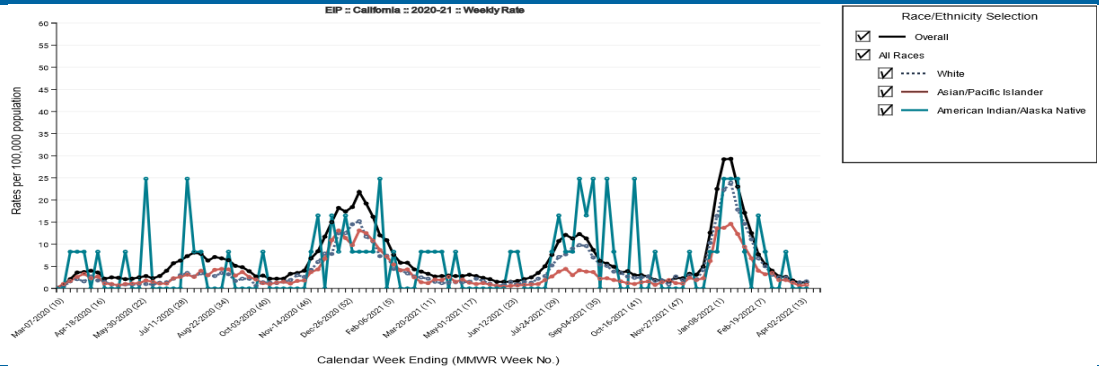


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RATES OF COVID-19-ASSOCIATED HOSPITALIZATION BY RACE/ETHNICITY, CA.

For the week ending on 4/9/22, 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 (1.6 per 100,000).



COVID-19 CASES BY INDIAN HEALTH SERVICES AREA

	NEGATIVE CASES	POSITIVE CASES	TESTED
ALASKA	854,098	48,015	1,032,675
ALBUQUERQUE	110,337	13,539	144,541
BEMIDJI	264,610	28,570	294,147
BILLINGS	133,937	13,228	151,650
CALIFORNIA	146,390	19,689	172,565
GREAT PLAINS	216,252	25,515	243,880
NASHVILLE	136,817	16,566	158,361
NAVAJO	341,274	67,029	475,213
OKLAHOMA CITY	861,515	157,318	1,029,516
PHOENIX	245,324	43,188	292,143
PORTLAND	205,669	18,661	225,237
TUCSON	67,129	8,619	76,018

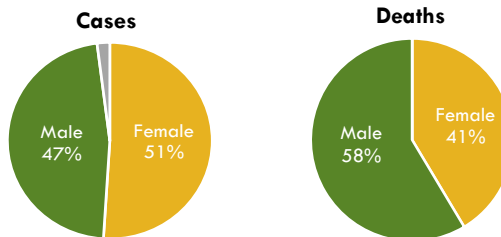
*as of 4/16/2022

CALIFORNIA

As of April 19, 2022, there were a total of 8,550,657 positive cases and 89,054 deaths in California.

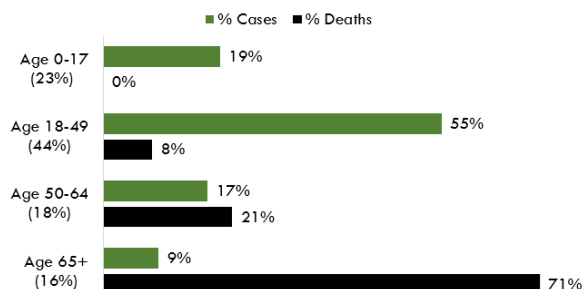
Confirmed positive cases by gender:

- Female: 4,360,835
- Male: 4,018,809
- Unknown: 171,013



Confirmed positive cases by age:

- Age 0-17: 1,624,625 (23%)
- Age 18-49: 4,702,861 (44%)
- Age 50-64: 1,453,361 (18%)
- Age 65 and older: 769,559 (16%)





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

WEEKLY NEW CASES

68.1 PER 100K

COVID-19 NOT CONTAINED AND WEEKLY NEW CASES ARE AT LOW LEVELS

INFECTION RATE

1.06

COVID-19 IS STILL SPREADING AT LOW LEVELS

POSITIVE TEST RATE

2.0%

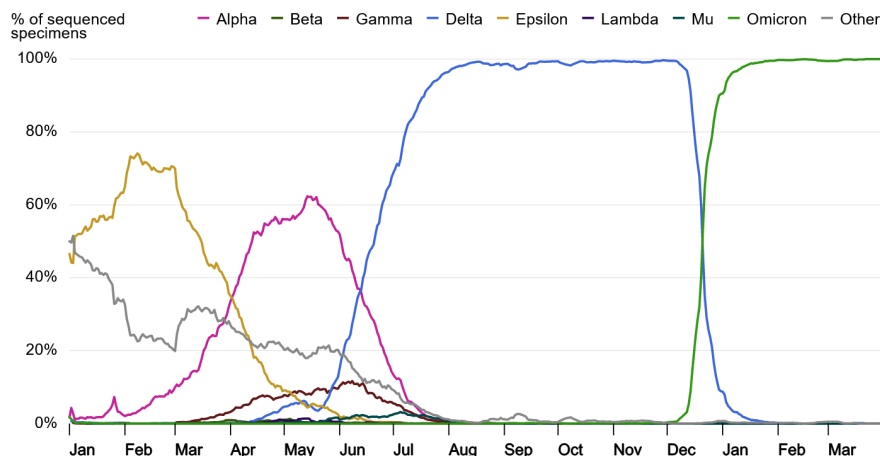
INDICATES LOW TESTING POSITIVITY

Lab tests reported statewide: 158,902,325 7-day test positivity rate: 2.6%

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 April 13th, 541,725 samples have been sequenced in California. In February 2022, 14% of 324,177 cases in California had been sequenced. In January 2022, 2% of 2,541,296 cases were sequenced. In December 2021, 10% of 699,701 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.



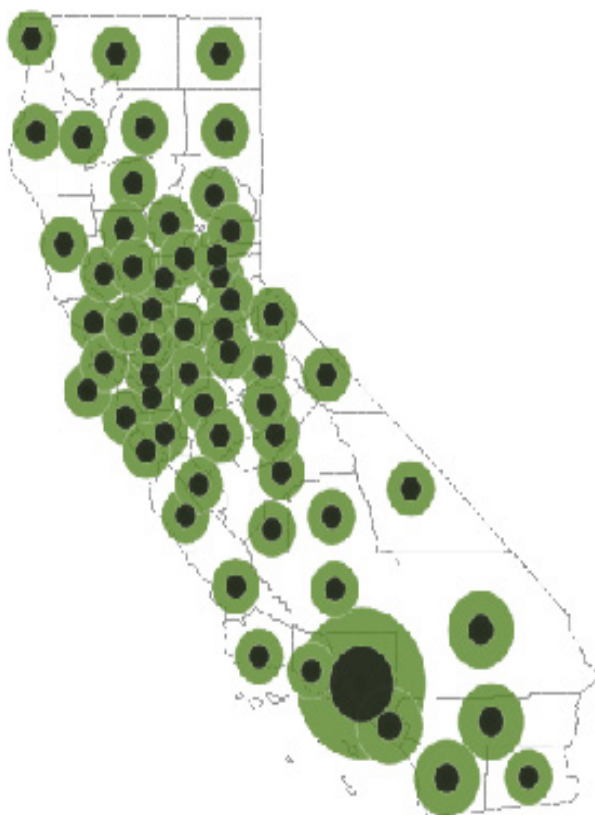
Week Ending	Alpha	Beta	Gamma	Delta	Epsilon	Lambda	Mu	Omicron
3/23/22	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
3/30/22	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

INDIAN HEALTH SERVICE CALIFORNIA AREA

173,565 Tribal or Urban Indian Health Program patients in the California Area have been tested for COVID-19 as of 4/16/2022.

Of these, 19,686 patients have tested positive for COVID-19 and 146,390 have tested negative for COVID-19. The 7-day rolling average positivity rate is 0.3%.

CONFIRMED CASES AND DEATHS BY COUNTY, CALIFORNIA



Counties with most reported cases

Los Angeles	2,721,699
San Diego	757,138
Riverside	592,224
San Bernardino	565,405
Orange	549,136

Counties with most reported deaths

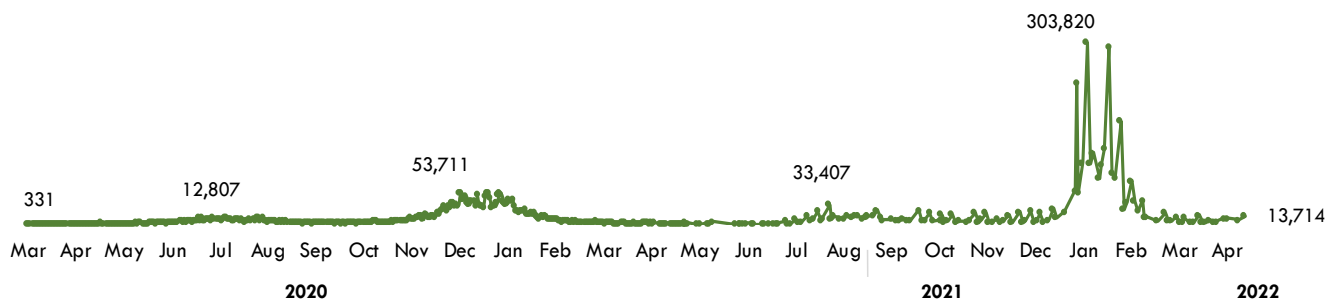
Los Angeles	31,630
San Bernardino	6,977
Orange	6,963
Riverside	6,447
San Diego	5,231

As of 4/19/2022. Source: CDPH

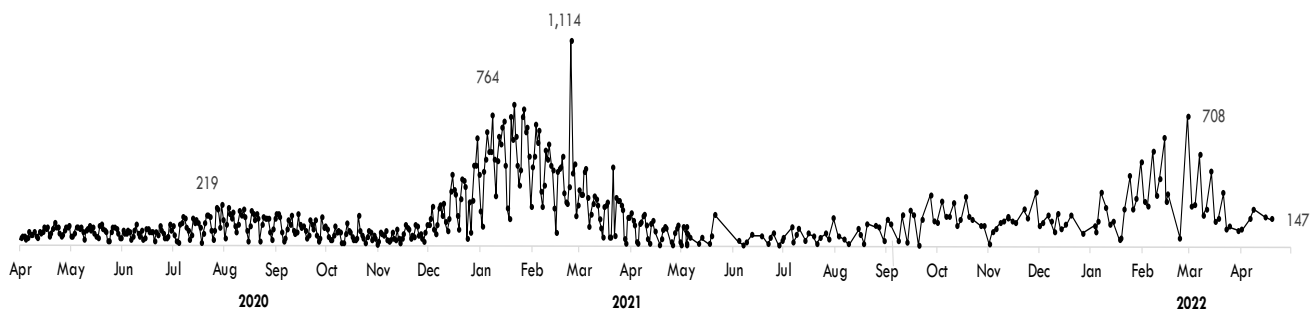
8,550,657 Cases
in California

89,054 Deaths
in California

Newly Reported Cases in California by Date



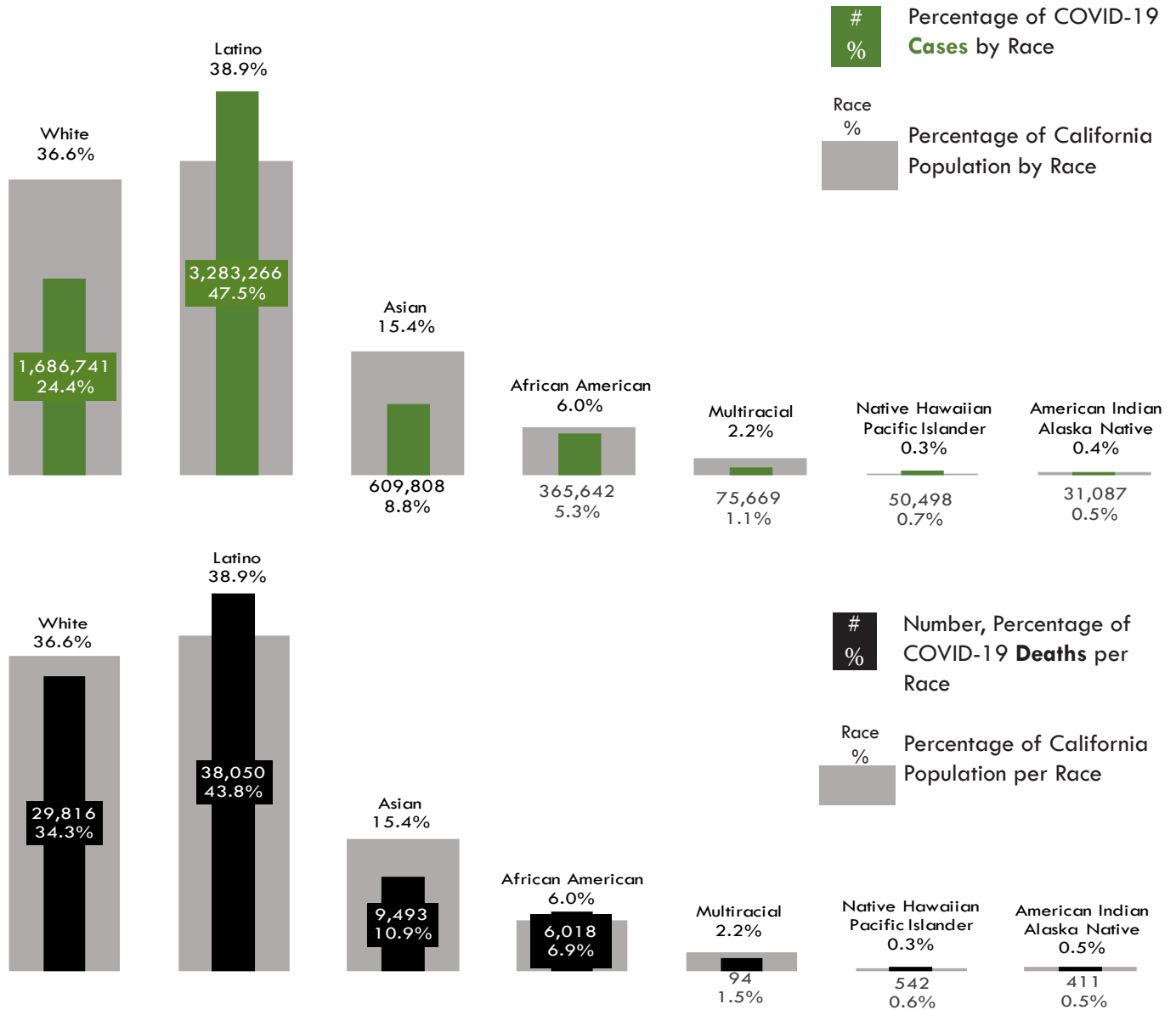
Newly Reported Deaths in California by Date



As of 4/19/2022. Source: CDPH

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

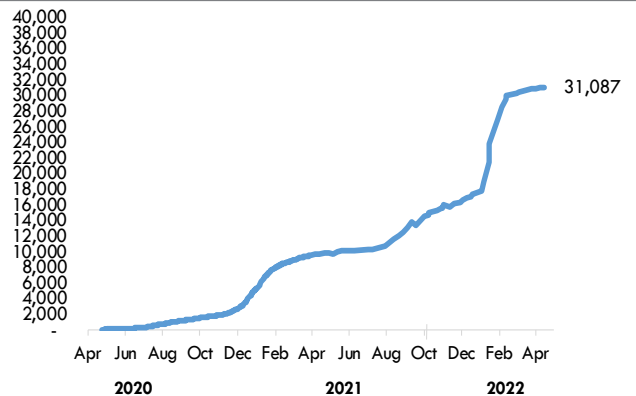
American Indians and Alaska Natives account for 0.5% percent of the population, **0.5% of COVID-19 cases**, and **0.5% of deaths** in California. This includes a total of **31,087 cases** and **411 deaths** among American Indian and Alaska Native people in California.



Note: 10% of cases and 1% of deaths are of unknown race/ethnicity. As of 4/19/2022. Source: CDPH

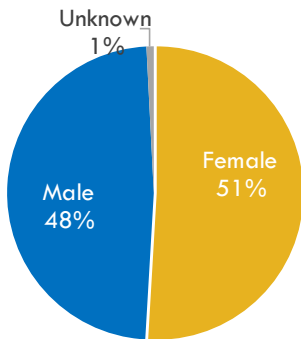
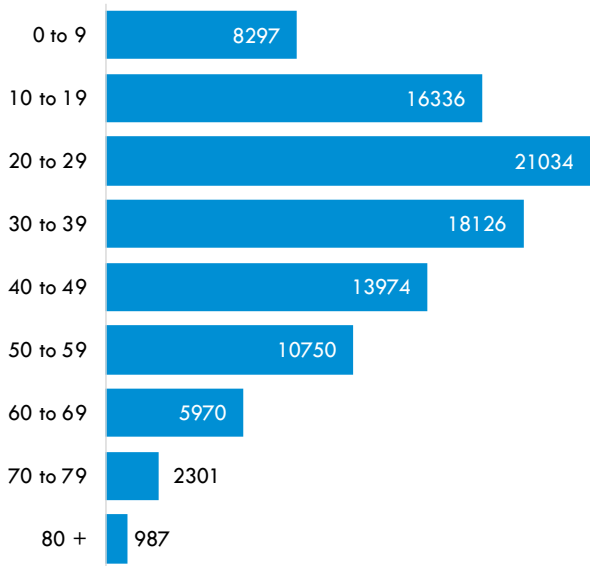
Data from [California Department of Public Health \(CDPH\)](#) include all positive cases of AIAN diagnosed in California.

As of 4/19/2022. Source: CDPH

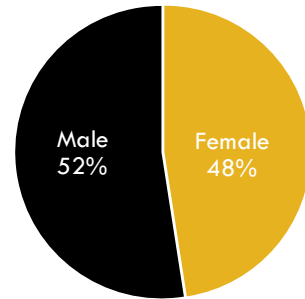
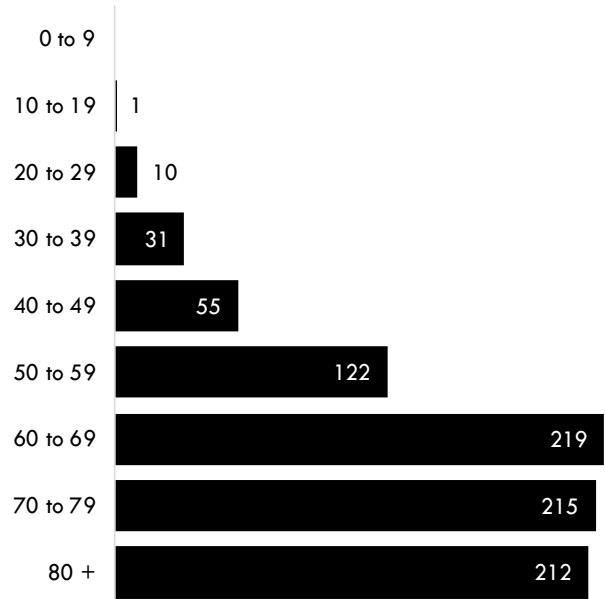


American Indian and Alaska Native (AIAN) data reported by California to the Centers for Disease Control and Prevention (CDC)

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.

74,361,797

Doses administered

3,371,980

People partially vaccinated

28,333,921

People fully vaccinated



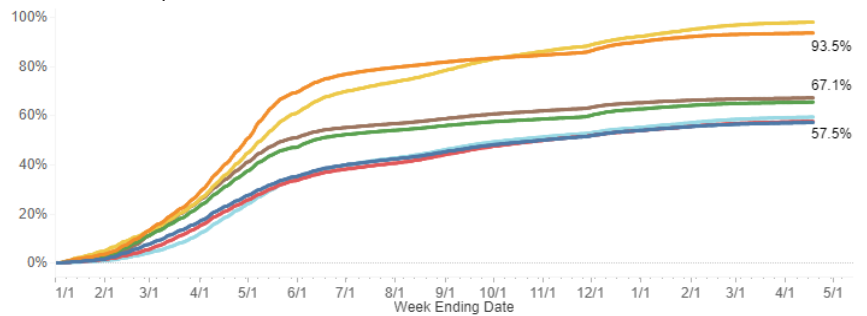
Doses administered by county of residence

Los Angeles	19,041,839
San Diego	7,028,593
Orange	6,022,368
Santa Clara	4,451,033
Alameda	3,629,752

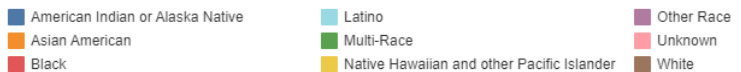
As of 4/19/2022. Source: CDPH

Fully Vaccinated by Race/Ethnicity, California

The graph to the right shows that as of April 19, 2022, 57.1% of the eligible AIAN population statewide has been fully vaccinated (vs. 67.1% 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.



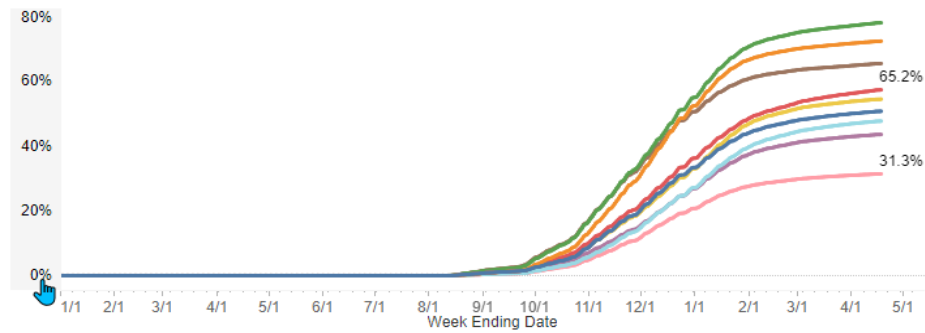
Vaccination Progress by Race/Ethnicity, California.

Race	Fully Vaccinated	Partially Vaccinated	Unvaccinated	Eligible Population
AIAN[^]	93,454 (57.1%)	15,616 (9.5%)	54,654 (33.4%)	163,724
Asian	4,645,990 (93.5%)	396,487 (8.0%)	*NA	4,968,603
Black	1,248,236 (57.5%)	126,747 (5.8%)	794,342 (36.6%)	2,169,325
Latino	8,758,885 (59.3%)	1,163,623 (7.9%)	4,856,801 (32.9%)	14,779,309
Native Hawaiian/ Pacific Islander	133,892 (97.9%)	14,659 (10.7%)	Unknown	136,761
White	9,704,692 (67.1%)	847,494 (5.9%)	3,915,476 (27.1%)	14,467,662
Multi-Race	659,101 (65.4%)	23,925 (2.4%)	325,266 (32.3%)	1,008,292
Other*	2,084,232	391,225	N/A	N/A
Unknown*	1,005,437	392,204	N/A	N/A

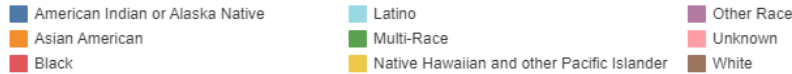
*Percentage of vaccinations not available.

[^]Does not include doses administered by IHS

Booster vaccination progress over time by race/ethnicity, California

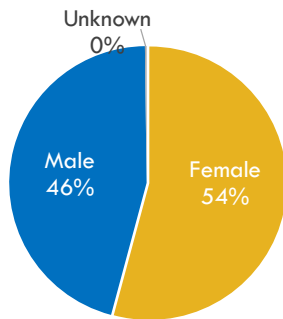


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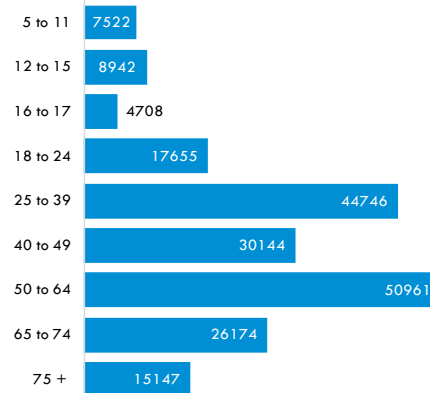
*As of 4/19/2022. Source: CDPH

COVID-19 Vaccine Distribution among AIAN in California by Gender



*As of 4/15/2022. 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	195,790	185,116
Bemidji	236,420	173,916
Billings	128,530	78,598
California	349,030	219,428
Great Plains	239,430	160,178
Nashville	156,940	108,847
Navajo	430,680	379,966
Oklahoma City	677,665	511,089
Phoenix	326,705	242,200
Portland	159,750	106,748
Tucson	15,990	12,090

*As of 4/19/2022. Source: IHS

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

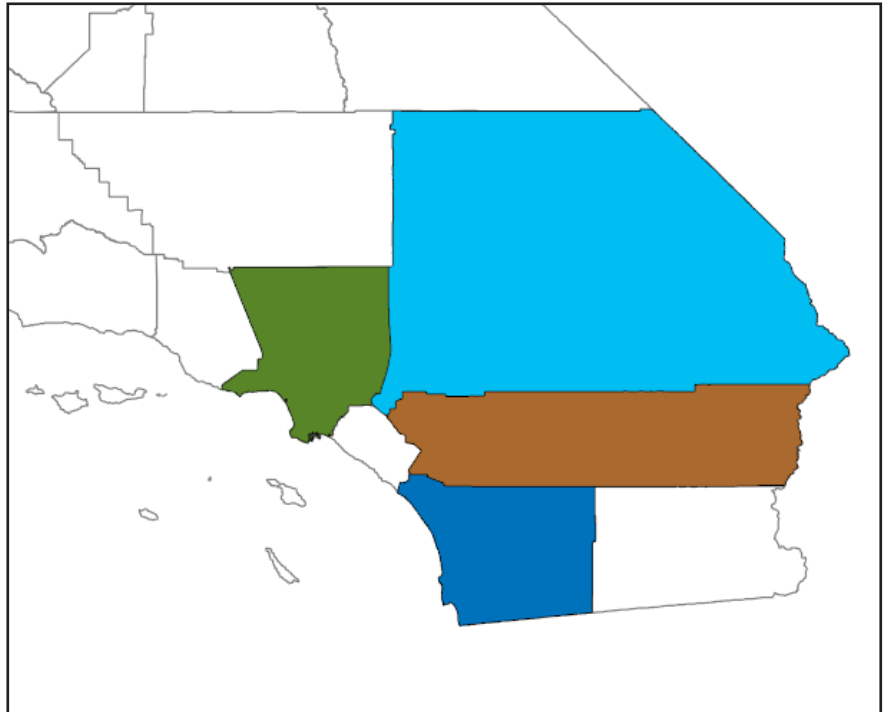
Los Angeles County*	
AIAN Cases	4,967
AIAN Deaths	73
AIAN Tested	20,298

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

San Bernardino County	
AIAN Cases	7,085
AIAN Deaths	49

San Diego County	
AIAN Cases	2,959
AIAN Deaths	21
AIAN Tested	16,438

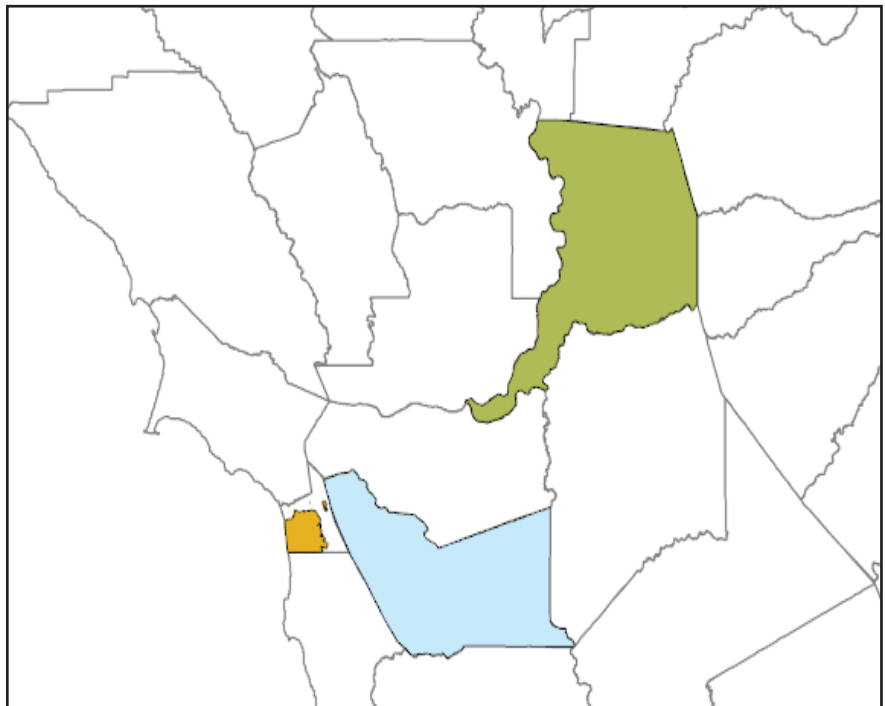
Riverside County	
AIAN Cases	2,582
AIAN Deaths	37



Sacramento County	
AIAN Cases	1,252
AIAN Deaths	20

San Francisco County	
AIAN Cases	308
AIAN Deaths	0

Alameda County	
AIAN Cases	726
AIAN Deaths	na



As of 4/19/2022. 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.