



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #454 JULY 26, 2022



HIGHLIGHTS

As of July 25, the World Health Organization reports that global COVID-19 cases have surpassed 566.9 million with more than 6.3 million deaths, and in the United States the total number of cases stands at 88,920,929 with deaths at 1,015,897.

A review of vaccine safety data found that most people who get both the flu and COVID-19 vaccines do not have as severe illness. Click [HERE](#) to read the study.

A third and fourth COVID-19 vaccine dose offered substantial protection among eligible adults with healthy immune systems during Omicron variant evolution in early 2022. Those infected with BA.2 may also have antibodies that can protect against illness with BA.5, which suggests that currently available vaccines may provide protection against serious illness caused by the currently circulating BA.5 variant. For more information click [THIS REPORT](#).

UNITED STATES

COVID-19: U.S. at a Glance* (as of 7/25/22)

- Total cases: 90,227,956
- Total deaths: 1,022,349
- 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:

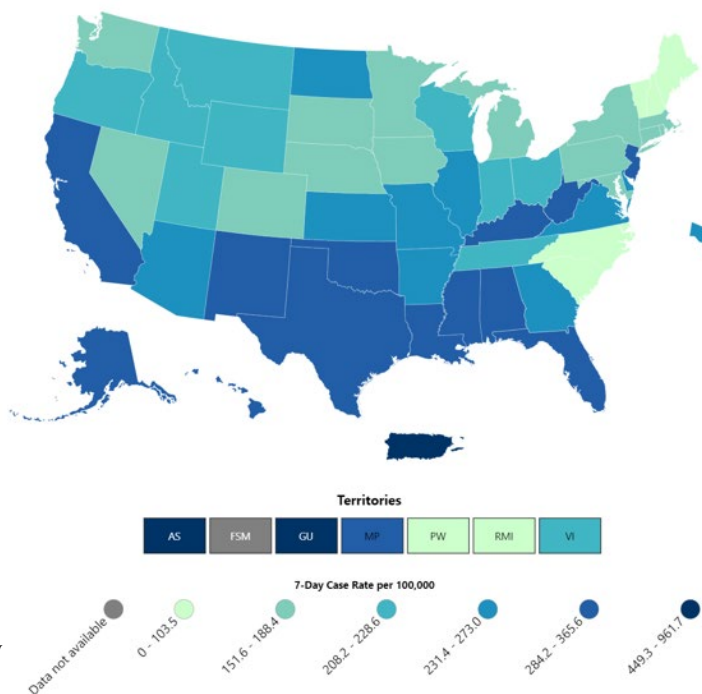
- i) meeting clinical criteria AND epidemiologic evidence with no confirmatory laboratory testing performed for COVID-19; or ii) meeting presumptive laboratory evidence AND either clinical criteria OR epidemiologic evidence; or iii) meeting vital records criteria with no confirmatory laboratory testing 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 7/25/22)

- Total tests reported: 933,686,763
- Positive tests reported: 87,223,395
- Percent of positive tests (7 - day): 17.9%

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



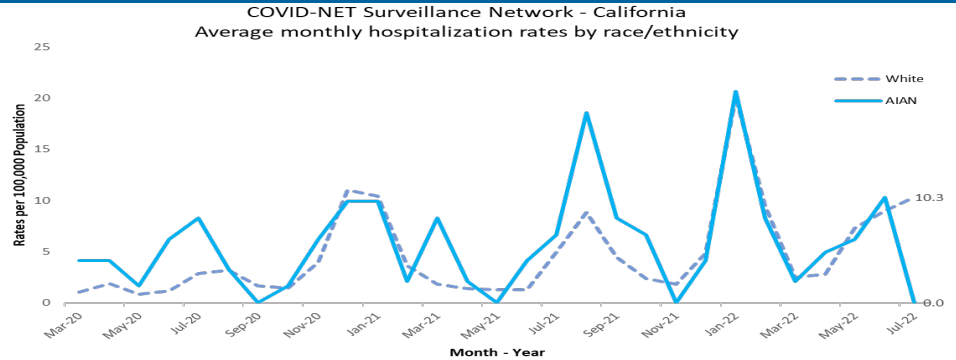


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RATES OF COVID-19-ASSOCIATED HOSPITALIZATION BY RACE/ETHNICITY, CA

As of 7/16/2022, CDC data shows that American Indian Alaska Native (AIAN) statewide has an average monthly COVID-19 hospitalization rate of 0.0 per 100,000 population, which is lower when compared to Whites (10.3 per 100,000).



COVID-19 CASES BY INDIAN HEALTH SERVICES AREA

	Negative Cases	Positive Cases	Tested
ALASKA	891,093	53,159	1,085,278
ALBUQUERQUE	118,408	14,628	153,649
BEMIDJI	276,503	30,928	308,935
BILLINGS	138,111	13,696	156,535
CALIFORNIA	154,470	21,214	183,302
GREAT PLAINS	228,382	26,744	257,234
NASHVILLE	151,984	19,015	180,983
NAVAJO	374,705	75,955	520,332
OKLAHOMA CITY	930,208	168,355	1,109,210
PHOENIX	261,527	47,178	311,395
PORTLAND	218,672	20,452	239,745
TUCSON	71,524	9,090	80,883

7 – day average testing positivity: 30.0%

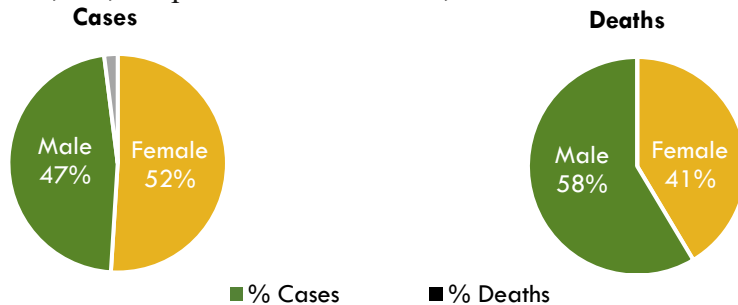
As of 7/24/2022 Source: IHS

CALIFORNIA

As of July 25, 2022, there were a total of 9,871,930 positive cases and 92,595 deaths in California.

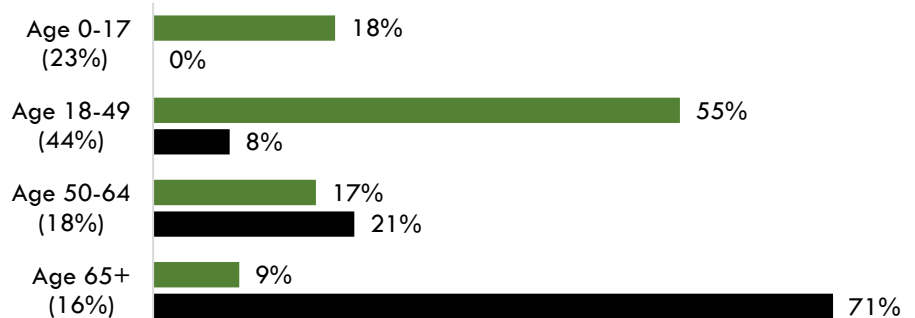
Confirmed positive cases by gender:

- Female: 5,093,916
- Male: 4,610,191
- Unknown: 167,823



Confirmed positive cases by age:*

- Age 0-17: 1,806,563
- Age 18-49: 5,429,562
- Age 50-64: 1,688,100
- Age 65 and older: 937,833



* The age of 0.1% of cases is unknown
As of 7/25/2022 Source: CDPH



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #454 JULY 26, 2022



California COVID-19 Threat Level: **HIGH**

Weekly New Cases

354.0 Per 100K

COVID-19 not contained and weekly cases are at medium levels

Patients

8.1%

Patients with COVID-19 in hospital beds

Admissions

13.7 Per 100K

Weekly hospital admissions are at medium levels

California Department of Public Health Testing Statistics

Lab tests reported statewide: 178,744,151

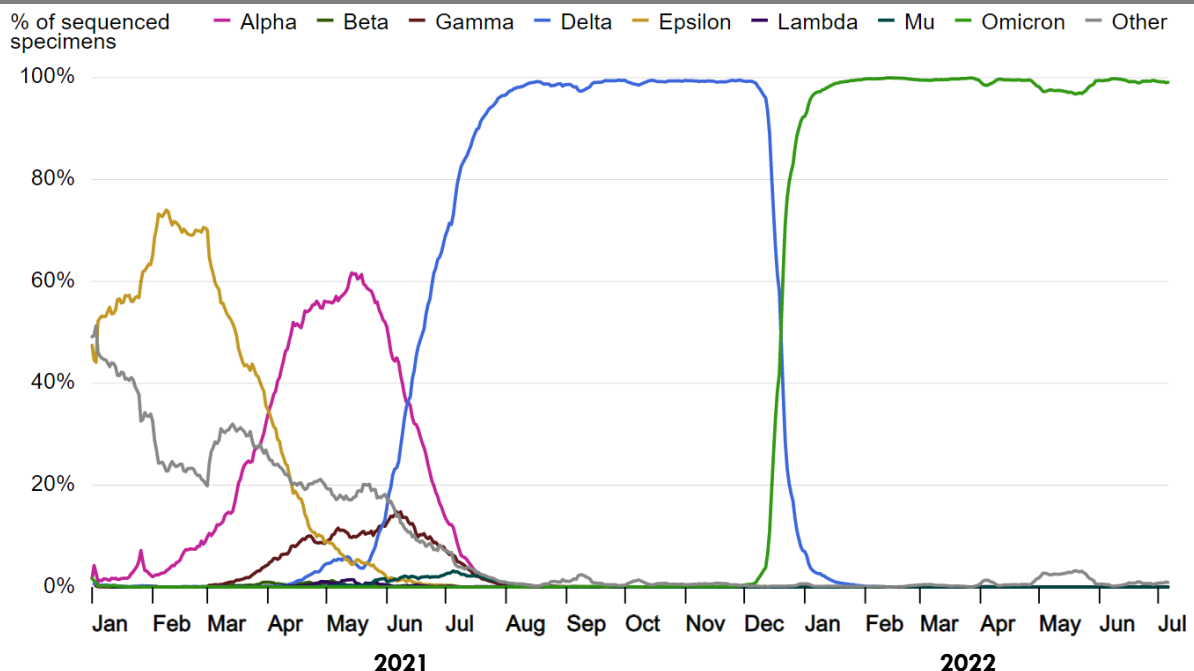
7-day test positivity rate: 15.0%

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

As of 7/25/2022 Source: COVID ACT Now & CDPH

COVID-19 VARIANTS OF CONCERN, CALIFORNIA

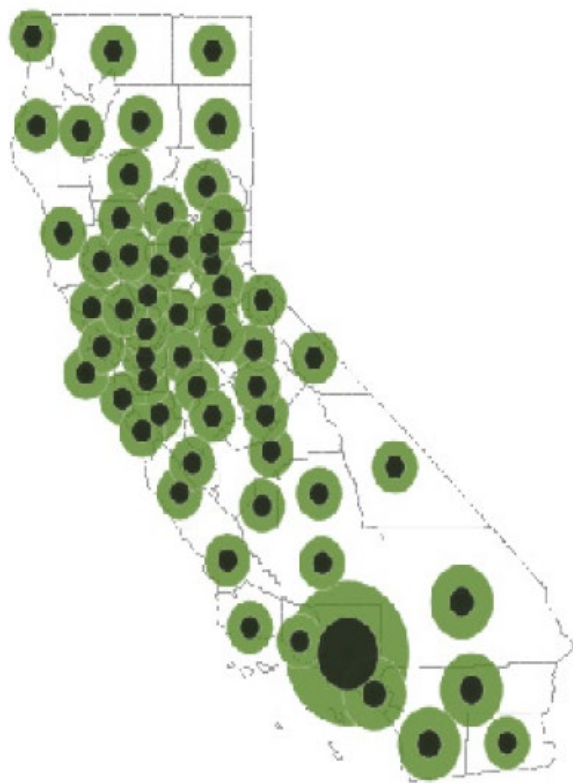
As of July 20, 2022, there have been 664,400 samples sequenced in California. In June 2022, 5% of 475,599 cases in California were sequenced, and this percent is expected to increase in coming weeks as more sequence data becomes available. In May 2022, 8% of 365,275 cases were sequenced, and in April 2022, 15% of 124,545 cases in California 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	Other	Omicron
6/29/2022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	99.0%
7/6/2022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	99.1%

As of 7/6/2022 Source: CDPH

CONFIRMED CASES AND DEATHS BY COUNTY, CALIFORNIA



Counties with most reported cases

Los Angeles	3,107,063
San Diego	876,507
Riverside	659,650
Orange	632,871
San Bernardino	629,895

Counties with most reported deaths

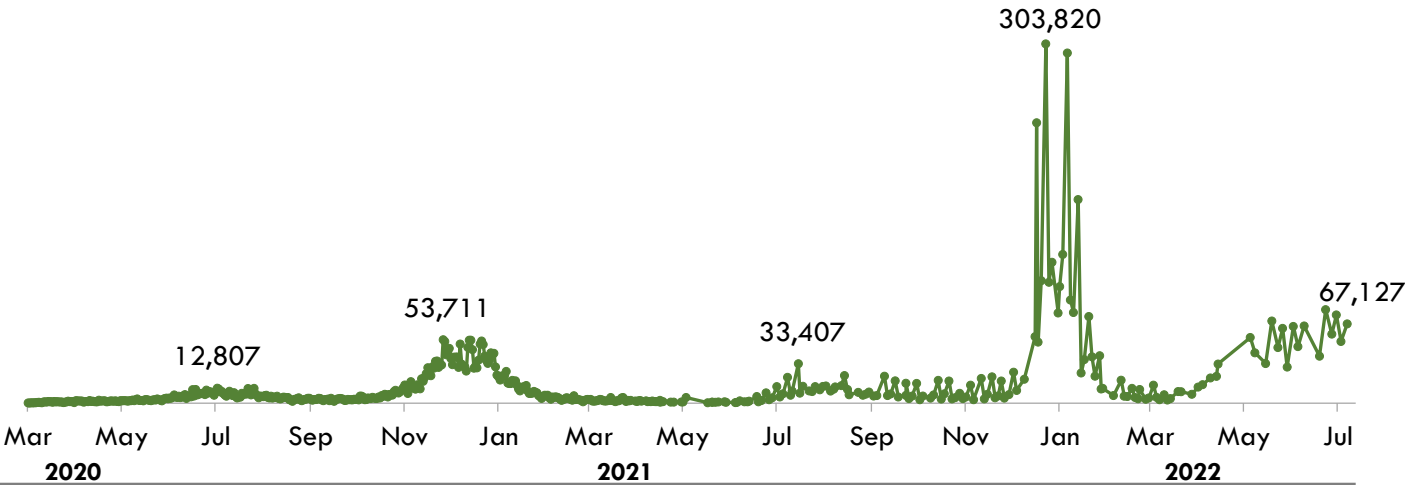
Los Angeles	32,392
San Bernardino	7,937
Orange	7,188
Riverside	6,528
San Diego	5,386

As of 7/25/2022 Source: CDPH

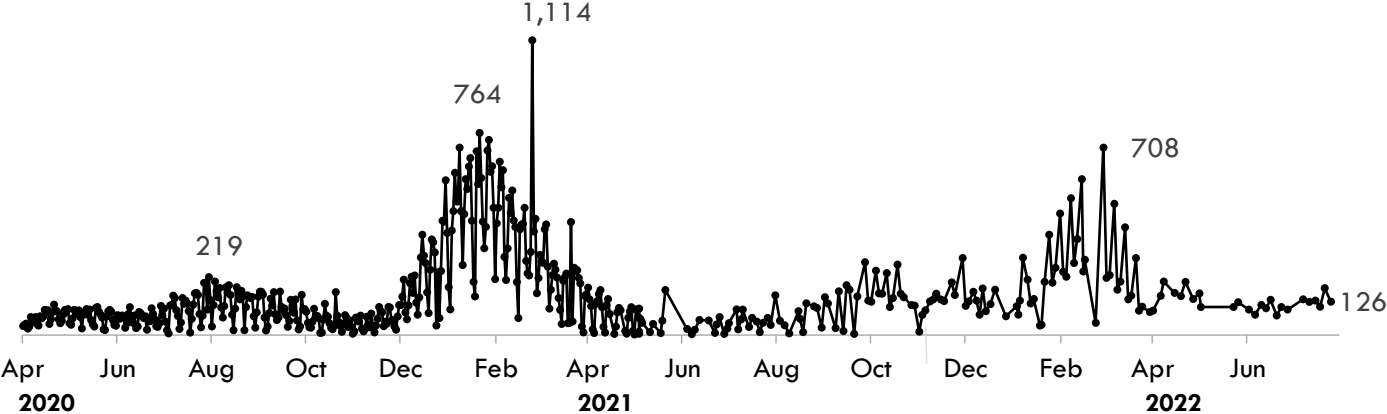
9,871,930 Cases
In California

92,595 Deaths
In California

Newly Reported Cases in California by Date

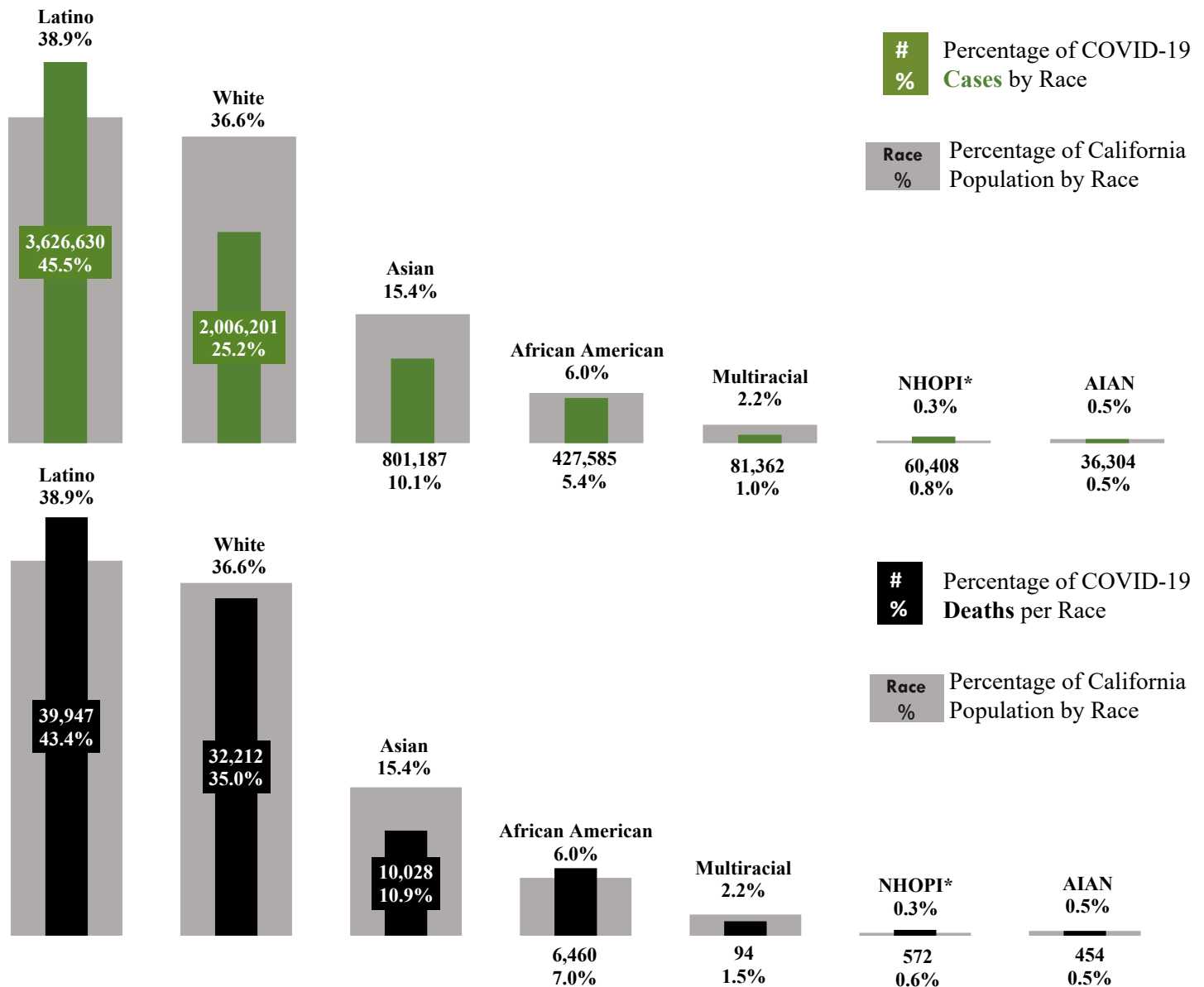


Newly Reported Deaths in California by Date



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

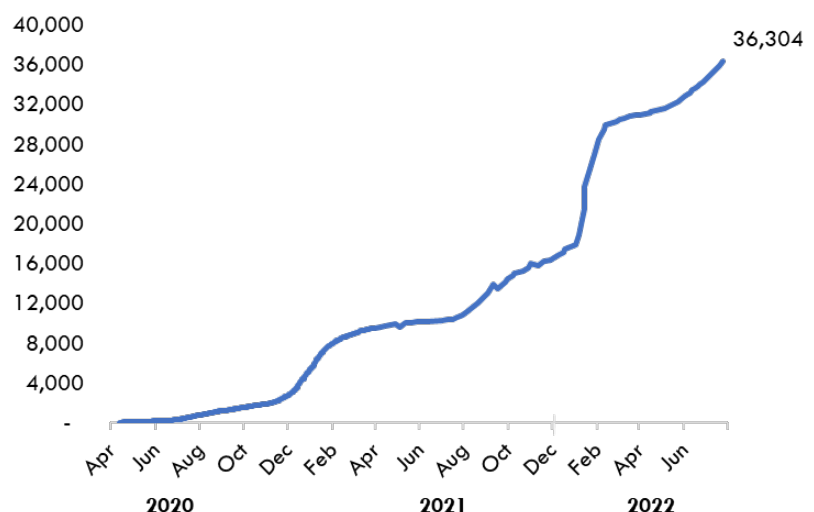
American Indians and Alaska Natives (AIAN) account for 0.5% percent of the population, **0.5% of COVID-19 cases**, and **0.5% of deaths** in California. This includes a total of **36,304 cases** and **454 deaths** among AIAN people in California.



* NHOPI refers to the Native Hawaiian and other Pacific Islander race category.
Note: 19% of cases and 1% of deaths are of unknown race/ethnicity. As of 7/25/2022 Source: CDPH

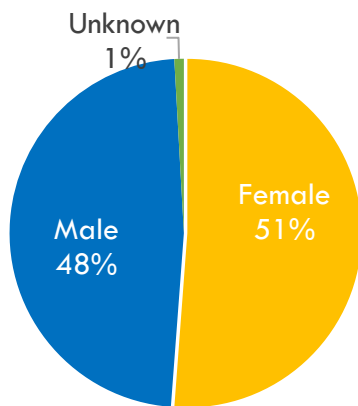
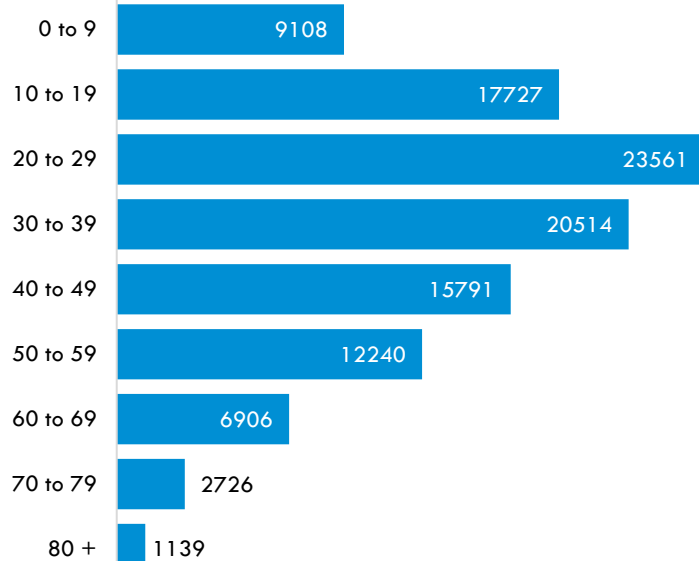
Data from [California Department of Public Health \(CDPH\)](#) include all positive cases of AIAN diagnosed in California.

As of 7/25/2022 Source: CDPH

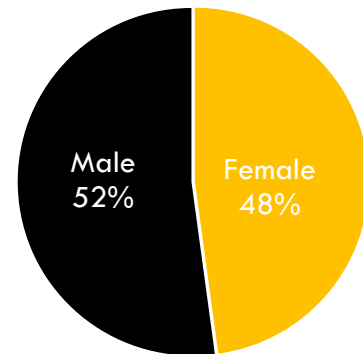
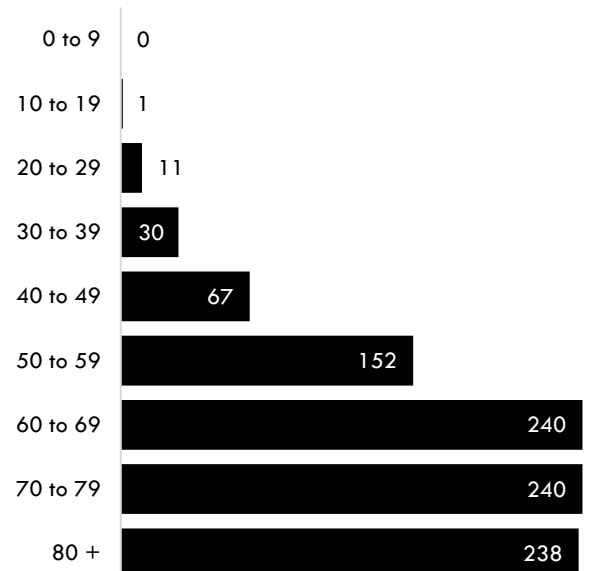


American Indian and Alaska Native (AIAN) data reported by California to the
Centers for Disease Control and Prevention (CDC)

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



The table below is a comparison using CDC's data on AIAN cases and deaths in California by the racial classification: AIAN alone versus AIAN in combination with other races/ethnicities.

	Cases	Deaths
AIAN alone	33,863	468
AIAN in combination	109,712	979

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.

78,476,295
Doses administered

3,223,100
People partially vaccinated

28,598,049
People fully vaccinated



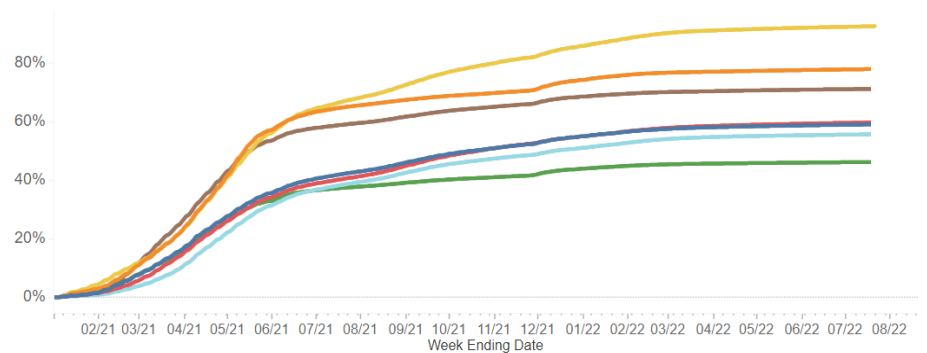
Doses administered by county of residence

Los Angeles	20,153,783
San Diego	6,894,931
Orange	6,376,065
Santa Clara	4,754,173
Alameda	3,907,280

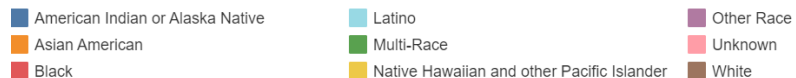
As of 7/21/2022 Source: CDPH

Fully Vaccinated by Race/Ethnicity, California

The graph to the right shows that as of July 21, 2022, 59.0% of the eligible AIAN population statewide has been fully vaccinated (vs. 71.1% 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 [^]	92,604 (59.0%)	14,514 (9.2%)	49,800 (31.7%)	156,918
Asian*	4,700,942 (77.9%)	402,594 (6.7%)	929,912 (15.4%)	6,033,448
Black	1,277,019 (59.7%)	122,467 (5.7%)	739,726 (34.6%)	2,139,212
Latino	8,827,249 (55.6%)	1,115,649 (7.0%)	5,924,460 (37.3%)	15,867,358
NHOPI*	128,665 (92.6%)	13,789 (9.9%)	N/A	139,020
White	9,939,021 (71.1%)	783,144 (5.6%)	3,246,384 (23.2%)	13,971,549
Multi-Race	759,601 (46.2%)	29,703 (1.8%)	856,460 (52.0%)	1,645,764
Other	1,994,983	369,851	N/A	N/A
Unknown	877,965	368,389	N/A	N/A

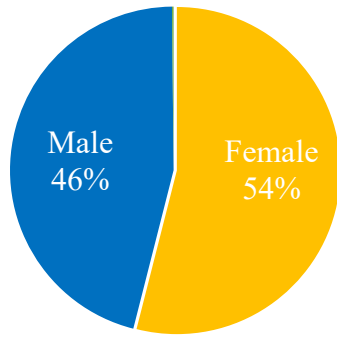
*More self-identified vaccine recipients in this category than in the estimated eligible population

[^]Does not include doses administered by IHS

As of 7/21/2022 Source: CDPH

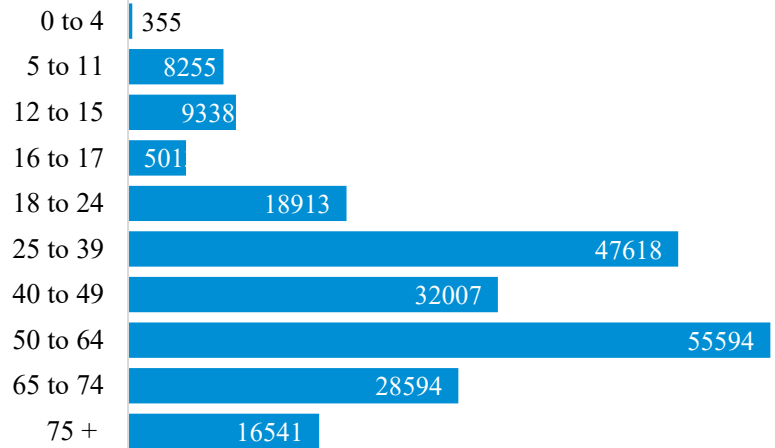
Vaccination distribution by gender and age, California

COVID-19 Vaccine Distribution among AIAN in California by Gender



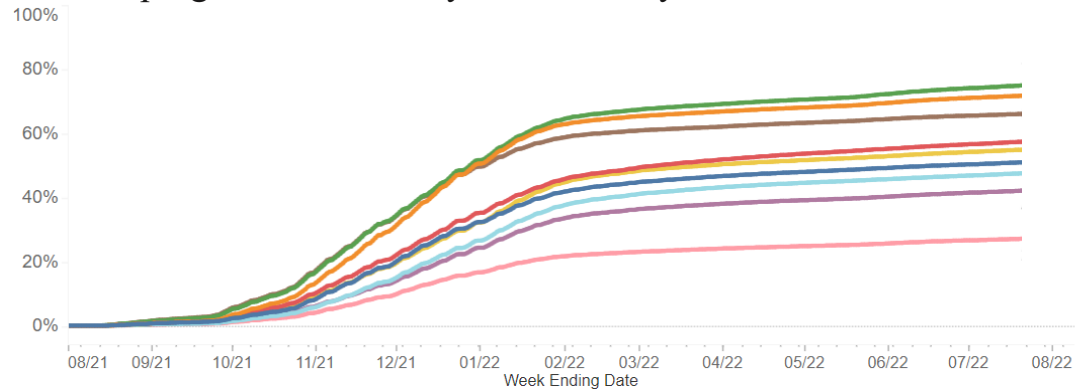
As of 7/21/2022 Source: CDC

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

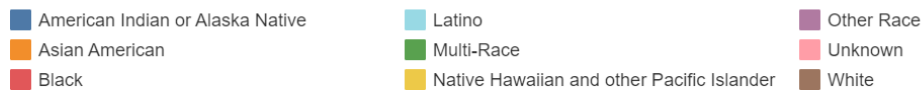


Booster vaccination progress over time by race/ethnicity, California

The graph to the right shows that as of July 21, 2022, 50.9% of the eligible AIAN population statewide had received a booster.



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.



As of 7/21/2022 Source: CDPH

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	215,190	189,914
Bemidji	260,620	178,501
Billings	144,430	81,914
California	385,430	227,204
Great Plains	273,530	169,691
Nashville	169,740	111,451
Navajo	479,980	395,990
Oklahoma City	724,265	518,713
Phoenix	362,405	252,004
Portland	174,450	109,491
Tucson	17,590	12,928

As of 7/24/2022 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	5,774
AIAN Deaths	73
AIAN Tested	21,195

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

San Bernardino County

AIAN Cases	7,789
AIAN Deaths	58

San Diego County

AIAN Cases	3,415
AIAN Deaths	27
AIAN Tested	16,438

Riverside County

AIAN Cases	2,823
AIAN Deaths	38

Sacramento County

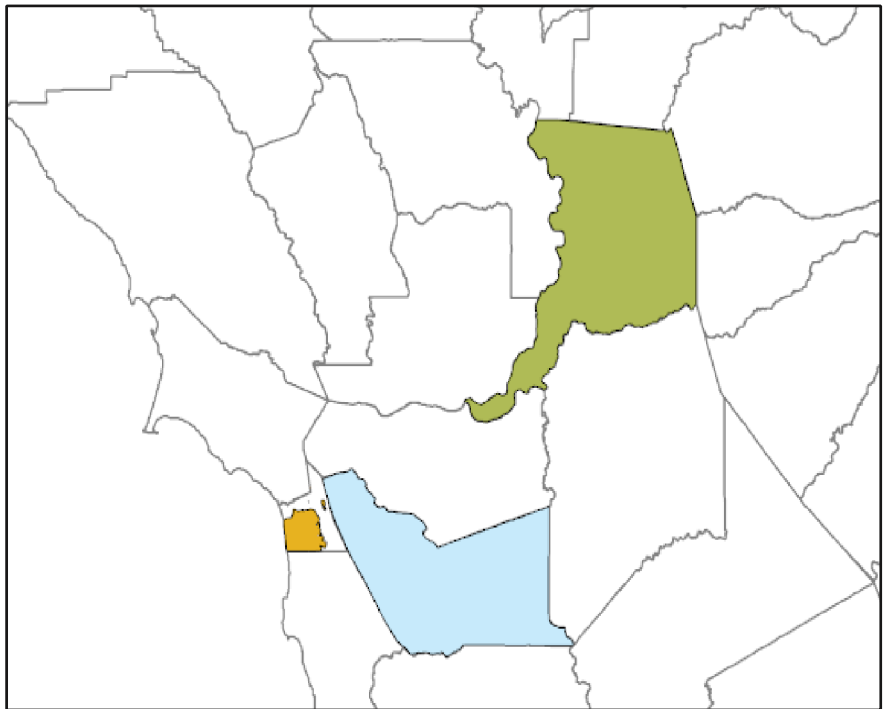
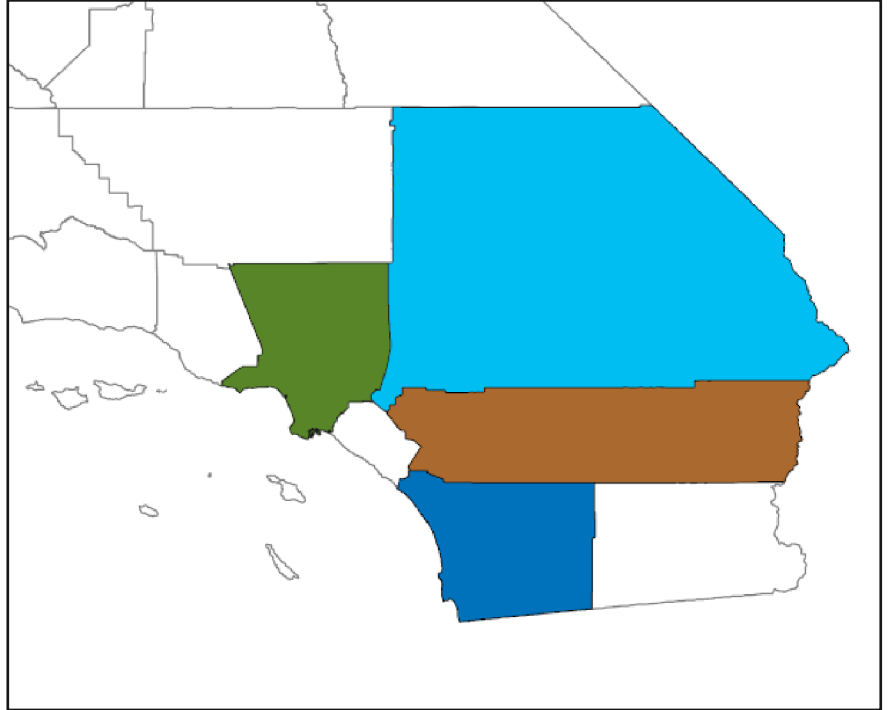
AIAN Cases	1,416
AIAN Deaths	21

San Francisco County

AIAN Cases	399
AIAN Deaths	0

Alameda County

AIAN Cases	1,001
AIAN Deaths	N/A



As of 7/25/2022. 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, Data San Francisco, and Alameda County Department of Public Health.