



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #457 AUGUST 5, 2022



HIGHLIGHTS

As of August 4, the World Health Organization reports that global COVID-19 cases have surpassed 579.0 million with more than 6.4 million deaths, and in the United States the total number of cases stands at 90,706,508 with deaths at 1,021,995.

In coordination with 14 government departments and agencies, The National Research Action Plan on Long COVID was developed and focuses on advancing prevention, diagnosis, treatment, and provision of services for those experiencing Long COVID. Click [HERE](#) to read more.

The Services and Supports for Longer-Term Impacts of COVID-19 Report outlines federal services available to address longer-term effects of COVID-19, including Long COVID and related conditions, as well as other impacts on individuals and families. Click [HERE](#) to read more.

UNITED STATES

COVID-19: U.S. at a Glance* (as of 8/4/2022)

- Total cases: 91,676,264
- Total deaths: 1,027,370
- 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:

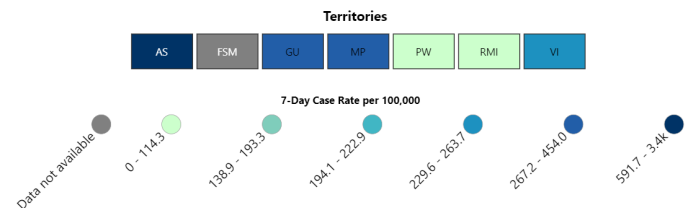
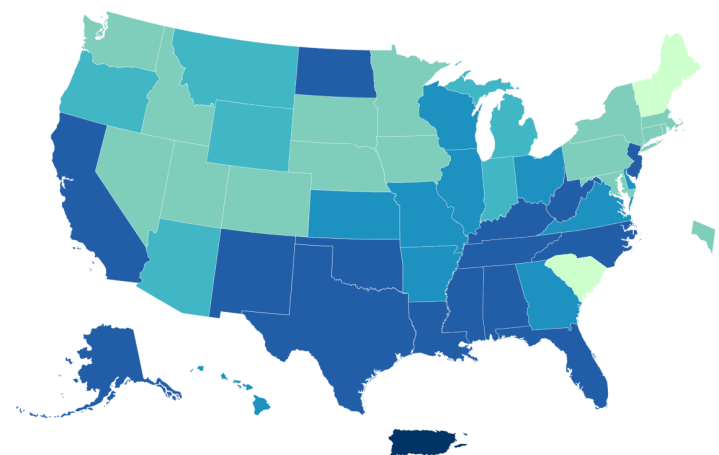
- meeting clinical criteria AND epidemiologic evidence with no confirmatory laboratory testing performed for COVID-19; or ii) meeting presumptive laboratory evidence AND either clinical criteria OR epidemiologic evidence; or iii) meeting vital records criteria with no confirmatory laboratory testing 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 8/4/2022)

- Total tests reported: 939,153,278
- Positive tests reported: 88,273,846
- Percent of positive tests (7 - day): 18.1%

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



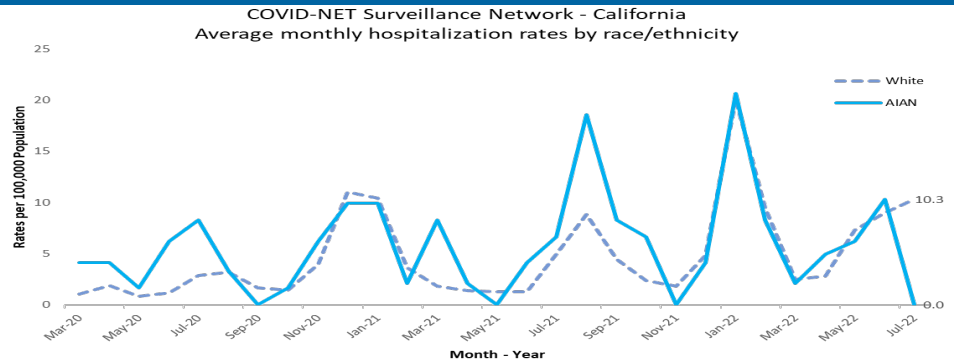


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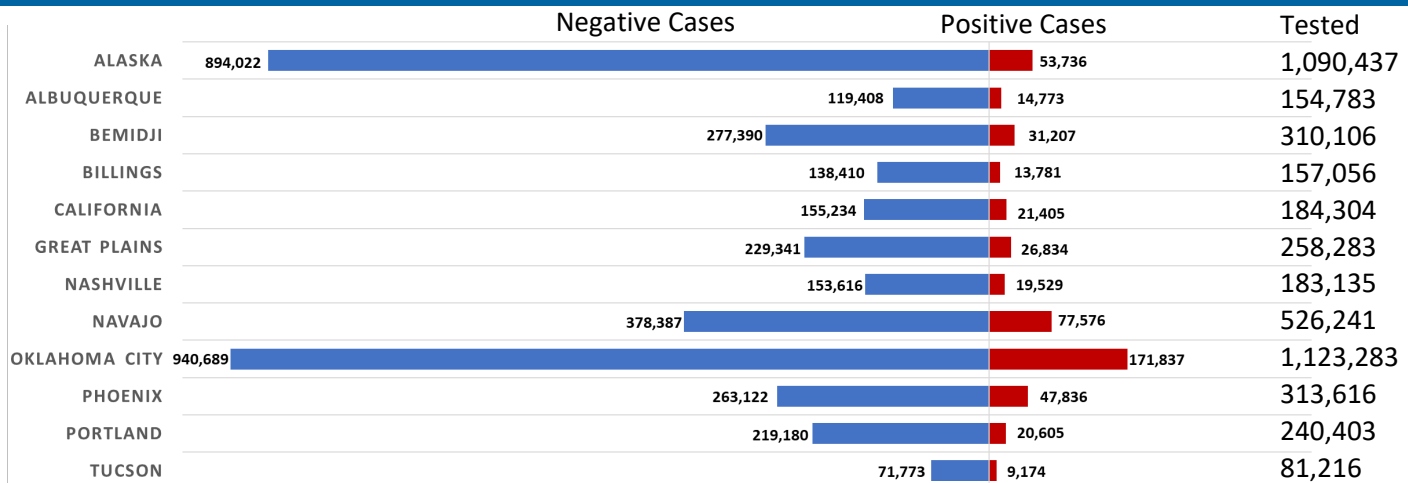


RATES OF COVID-19-ASSOCIATED HOSPITALIZATION BY RACE/ETHNICITY, CA

As of 7/23/2022, 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 now lower when compared to Whites (10.3 per 100,000).



COVID-19 CASES BY INDIAN HEALTH SERVICES AREA



7 - day average testing positivity: 25.1%

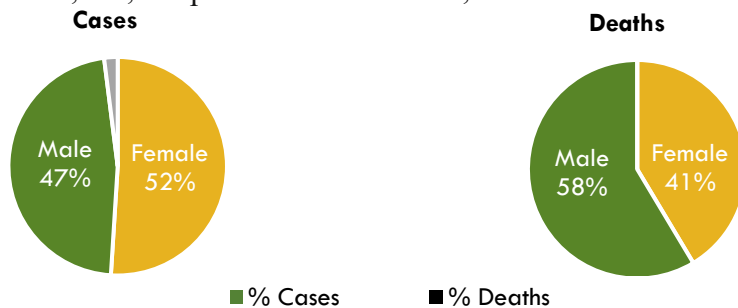
As of 8/3/2022 Source: IHS

CALIFORNIA

As of August 4, 2022, there were a total of 10,024,326 positive cases and 93,056 deaths in California.

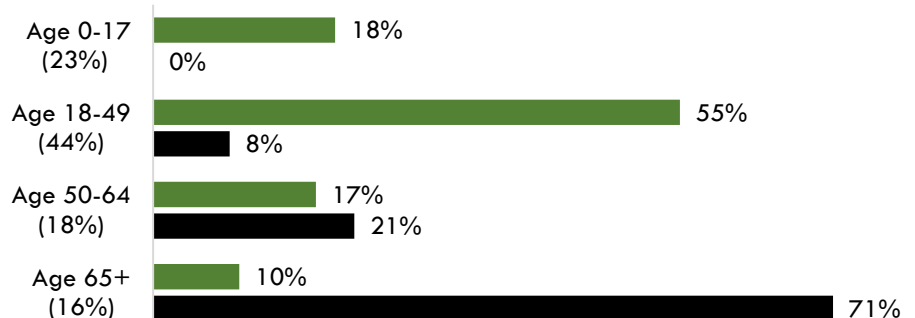
Confirmed positive cases by gender:

- Female: 5,172,552
- Male: 4,681,360
- Unknown: 170,414



Confirmed positive cases by age:

- Age 0-17: 1,824,427
- Age 18-49: 5,503,355
- Age 50-64: 1,724,184
- Age 65 and older: 962,335
- Unknown: 10,024



As of 8/4/2022 Source: CDPH



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #457 AUGUST 5, 2022



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

Weekly New Cases

286.7 Per 100K

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

Patients

7.7%

Patients with COVID-19 in hospital beds

Admissions

12.0 Per 100K

Weekly hospital admissions are at medium levels

California Department of Public Health Testing Statistics

Lab tests reported statewide: 180,110,738

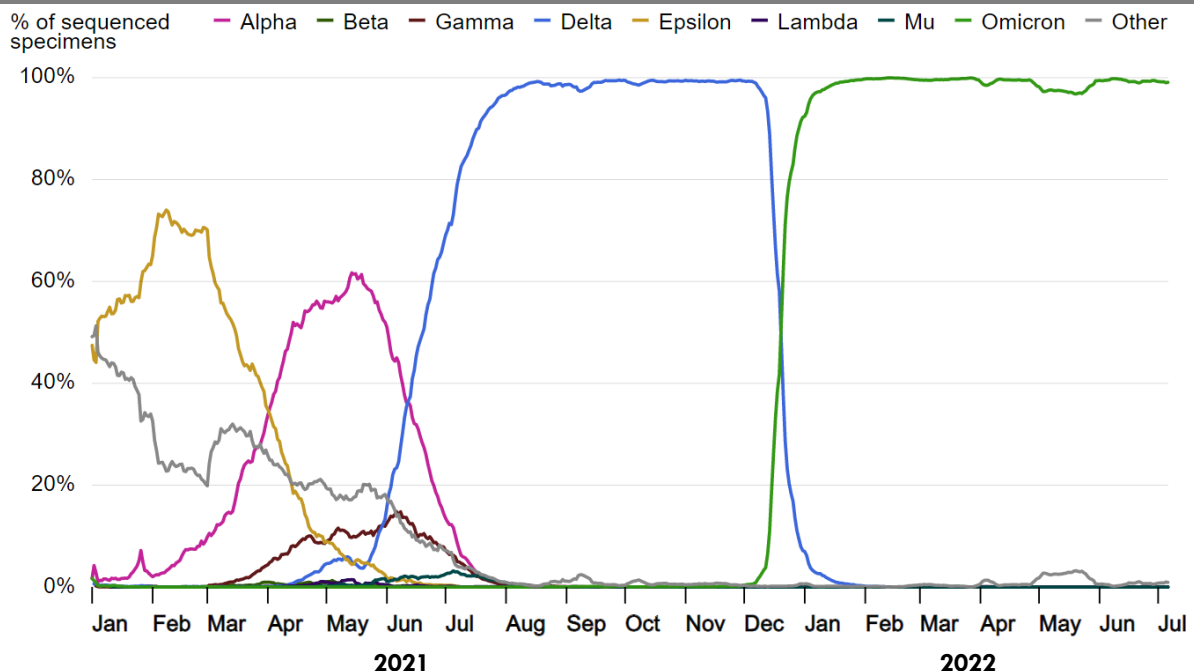
7-day test positivity rate: 14.4%

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

As of 8/4/2022 Source: COVID ACT Now & CDPH

COVID-19 VARIANTS OF CONCERN, CALIFORNIA

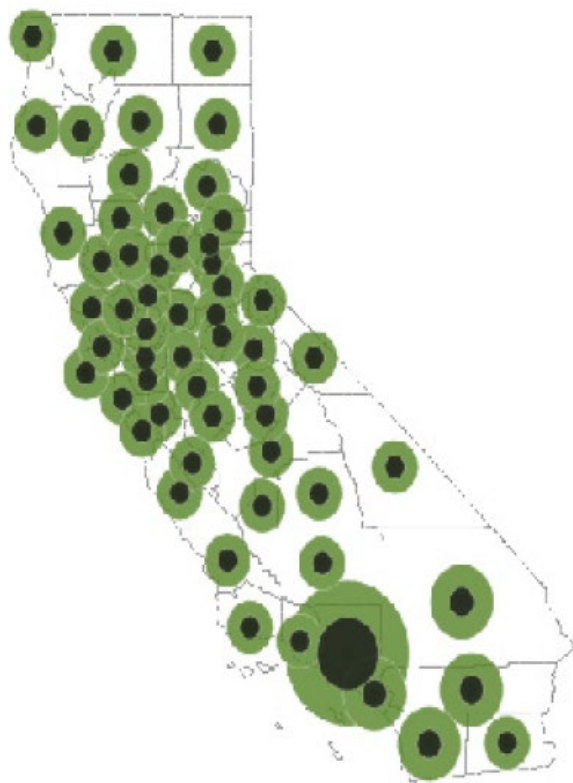
As of July 27, 2022, there have been 676,338 samples sequenced in California. In June 2022, 5% of 475,884 cases in California were sequenced, and this percent is expected to increase in coming weeks as more sequence data becomes available. In May 2022, 9% of 365,326 cases were sequenced, and in April 2022, 16% of 124,550 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
7/13/2022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	99.3%
7/19/2022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	99.4%

As of 7/19/2022 Source: CDPH

CONFIRMED CASES AND DEATHS BY COUNTY, CALIFORNIA



Counties with most reported cases

Los Angeles	3,153,757
San Diego	891,504
Riverside	669,230
Orange	643,029
San Bernardino	639,120

Counties with most reported deaths

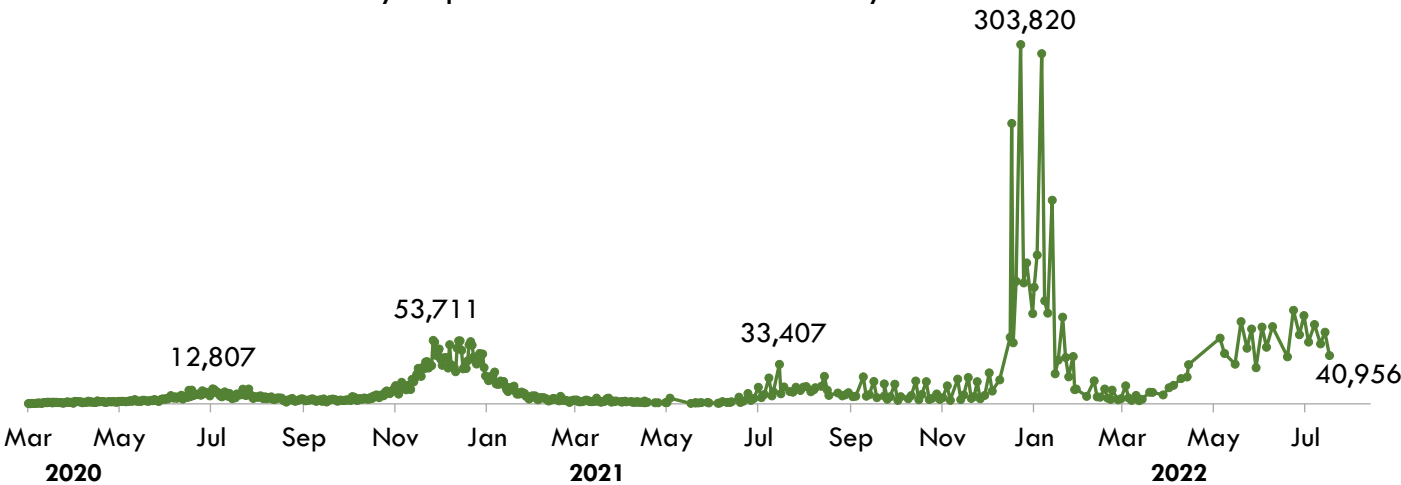
Los Angeles	32,563
San Bernardino	7,956
Orange	7,213
Riverside	6,555
San Diego	5,424

As of 8/4/2022 Source: CDPH

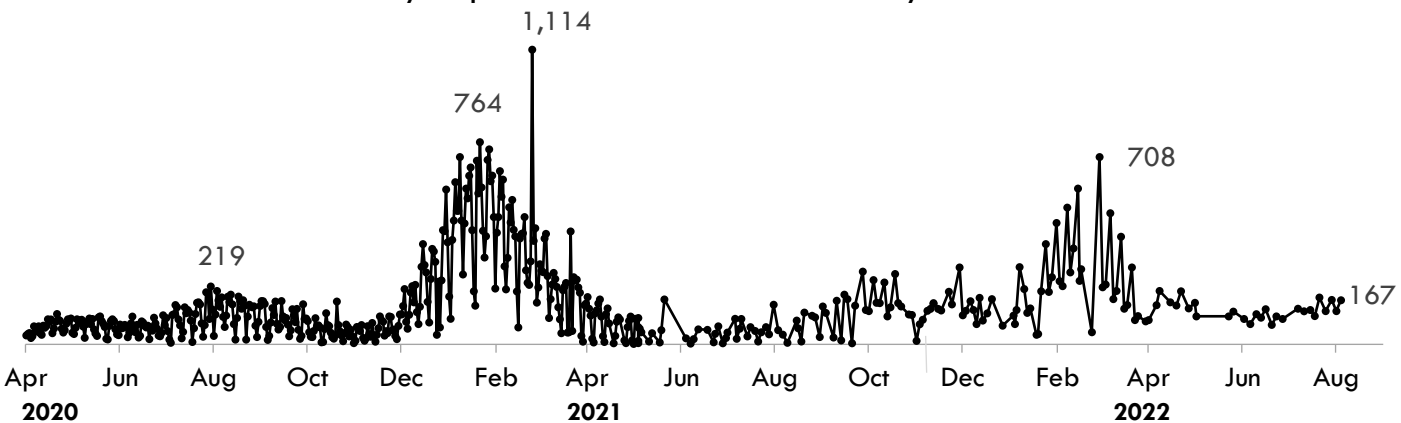
10,024,326 Cases
In California

93,056 Deaths
In California

Newly Reported Cases in California by Date

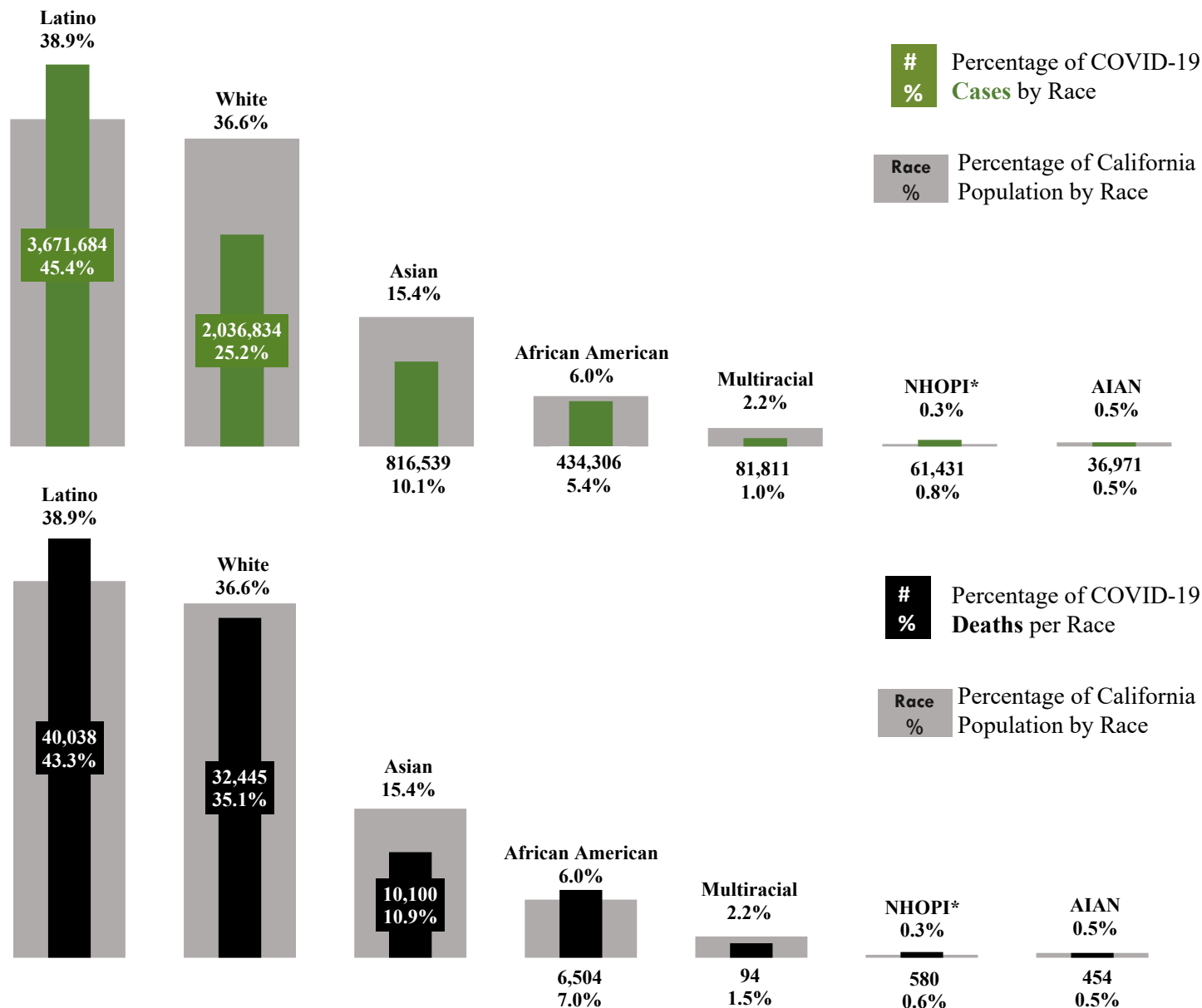


Newly Reported Deaths in California by Date



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 **36,971 cases** and **454 deaths** among AIAN people in California.

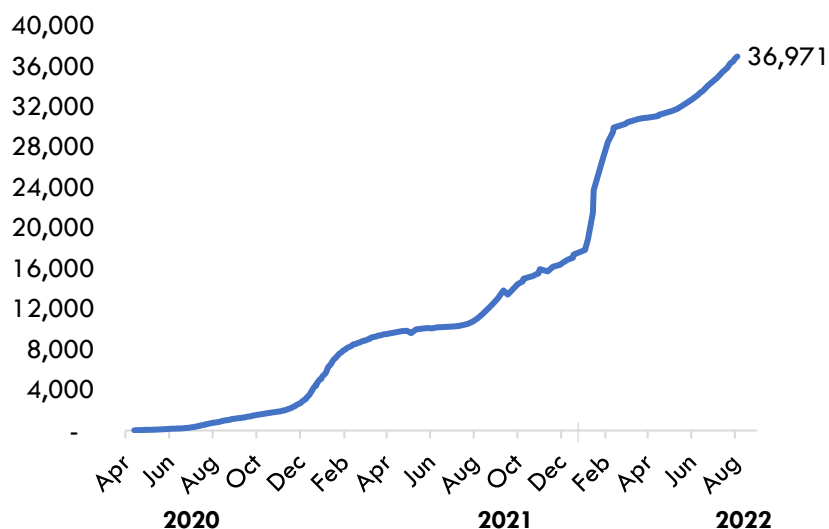


* NHOPI refers to the Native Hawaiian and other Pacific Islander race category.

Note: 19% of cases and 1% of deaths are of unknown race/ethnicity.

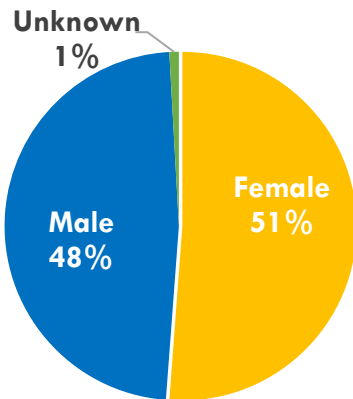
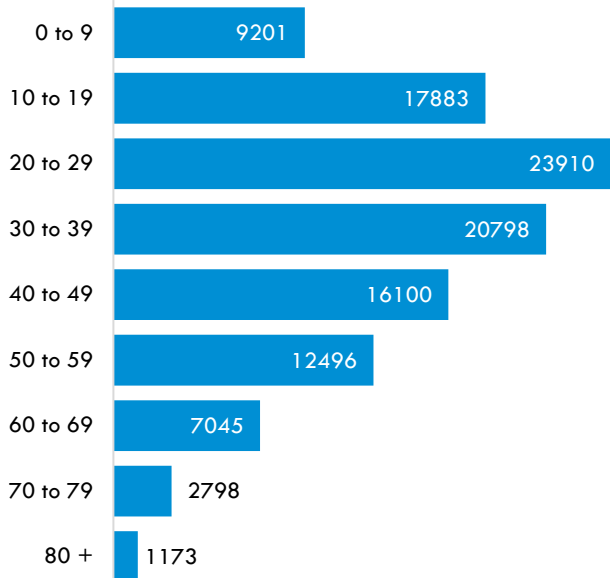
As of 8/4/2022 Source: CDPH

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

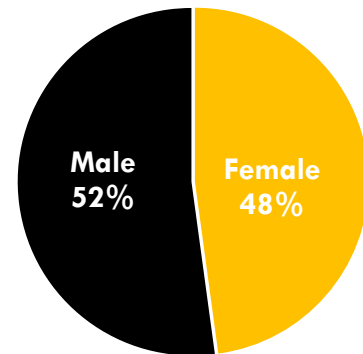
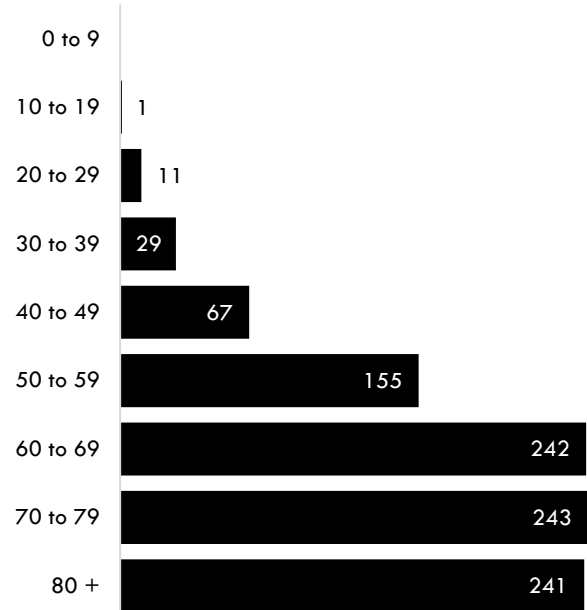


American Indian and Alaska Native (AIAN) data reported by California to the Centers for Disease Control and Prevention (CDC)

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 AIAN people that only identify in one racial category. Below is a comparison using CDC's data on AIAN cases and deaths 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	34,378	477
AIAN in combination	111,404	986

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.

78,960,740
Doses administered

3,236,142
People partially vaccinated

28,663,447
People fully vaccinated



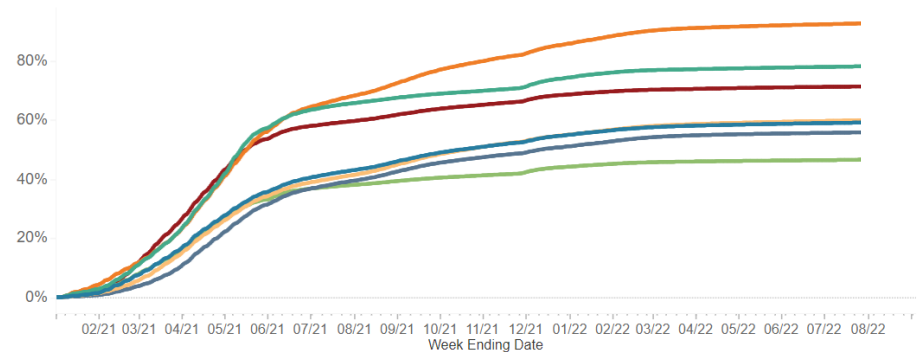
Doses administered by county of residence

Los Angeles	20,288,373
San Diego	6,946,997
Orange	6,416,248
Santa Clara	4,786,296
Alameda	3,939,938

As of 8/3/2022 Source: CDPH

Fully Vaccinated by Race/Ethnicity, California

The graph to the right shows that as of August 3, 2022, 59.1% of the eligible AIAN population statewide has been fully vaccinated (vs. 71.3% 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 [^]	92,696 (59.1%)	14,548 (9.3%)	49,674 (31.7%)	156,918
Asian*	4,713,611 (78.1%)	405,205 (6.7%)	914,632 (15.2%)	6,033,448
Black	1,280,137 (59.8%)	123,206 (5.8%)	735,869 (34.4%)	2,139,212
Latino	8,847,326 (55.8%)	1,124,659 (7.1%)	5,895,373 (37.2%)	15,867,358
NHOPI*	128,739 (92.6%)	13,917 (10.0%)	N/A	139,020
White	9,960,280 (71.3%)	782,171 (5.6%)	3,229,098 (23.1%)	13,971,549
Multi-Race	765,794 (46.5%)	29,642 (1.8%)	850,328 (51.7%)	1,645,764
Other	1,995,601	371,187	N/A	N/A
Unknown	879,263	371,607	N/A	N/A

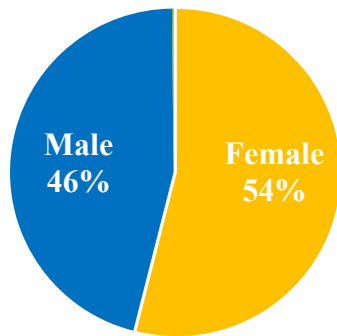
*More self-identified vaccine recipients in this category than in the estimated eligible population

[^]Does not include doses administered by IHS

As of 8/3/2022 Source: CDPH

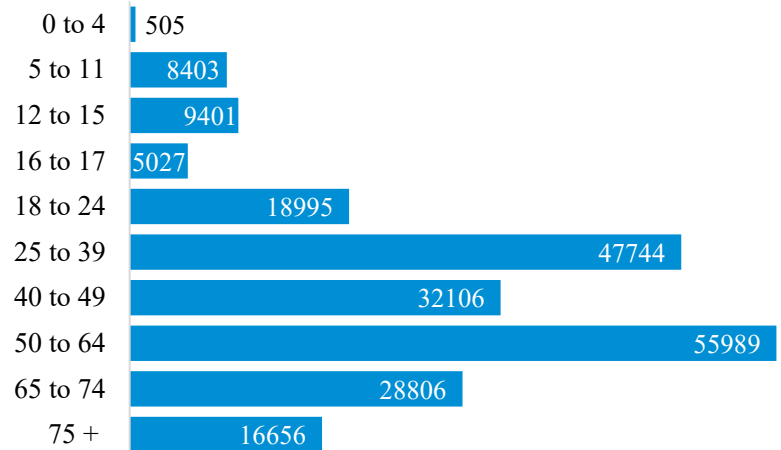
Vaccination distribution by gender and age, California

COVID-19 Vaccine Distribution among AIAN in California by Gender



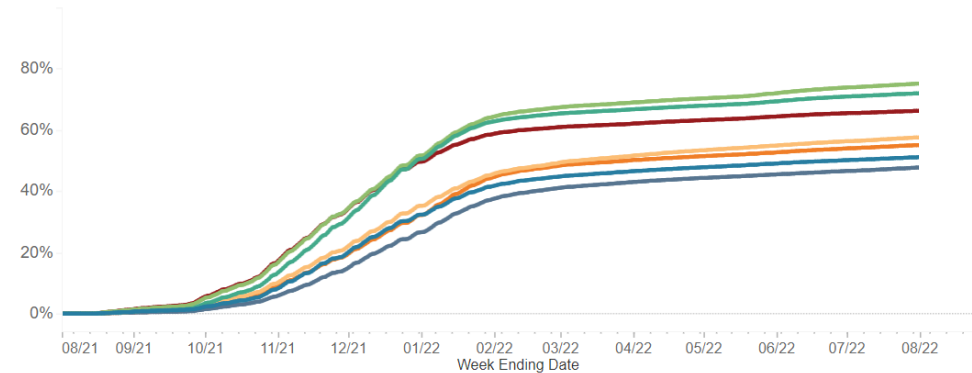
As of 8/4/2022 Source: CDC

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 August 3, 2022, 51.2% 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.

AI/AN Black Multi-Race
Asian American Latino NHPI

As of 8/3/2022 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	216,590	190,366
Bemidji	261,820	178,824
Billings	145,630	82,259
California	388,630	227,635
Great Plains	274,430	170,419
Nashville	170,540	111,759
Navajo	484,680	397,677
Oklahoma City	727,565	519,361
Phoenix	366,805	252,889
Portland	175,250	109,654
Tucson	17,590	12,962

As of 7/31/2022 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	5,868
AIAN Deaths	73
AIAN Tested	21,262

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

San Bernardino County

AIAN Cases	7,984
AIAN Deaths	59

San Diego County

AIAN Cases	3,501
AIAN Deaths	27
AIAN Tested	16,438

Riverside County

AIAN Cases	2,900
AIAN Deaths	38

Sacramento County

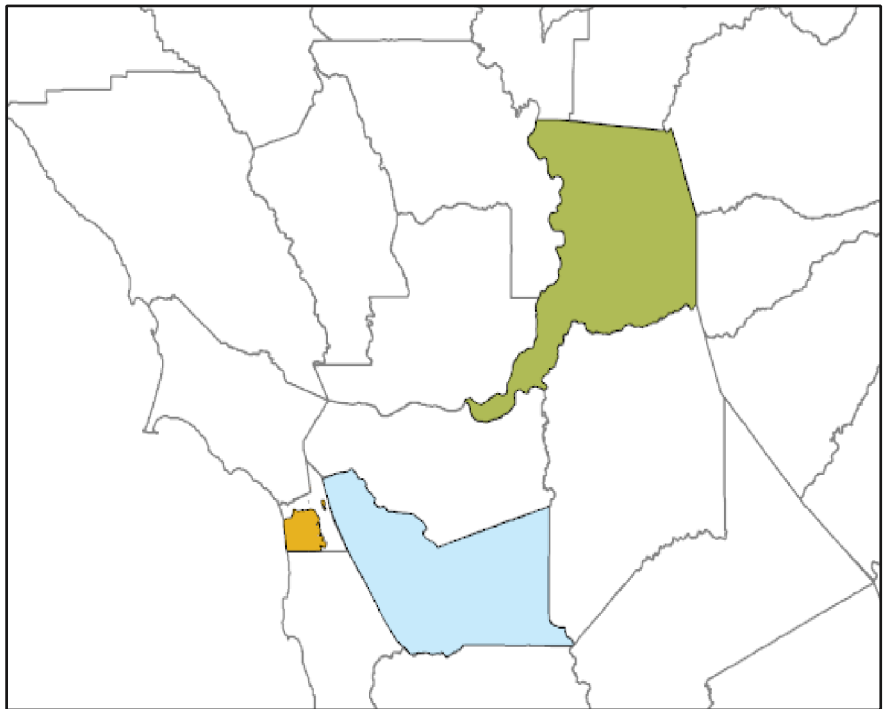
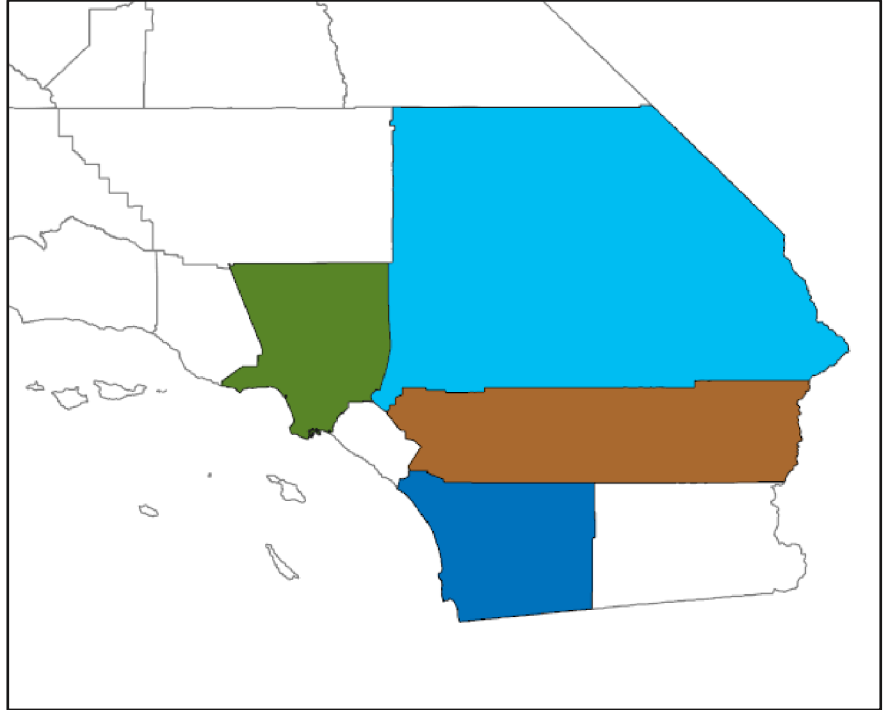
AIAN Cases	1,445
AIAN Deaths	21

San Francisco County

AIAN Cases	400
AIAN Deaths	0

Alameda County

AIAN Cases	1,025
AIAN Deaths	N/A



As of 8/4/2022. 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.