



# CORONAVIRUS DISEASE (COVID-19) SITUATIONAL REPORT #462 AUGUST 23, 2022



## HIGHLIGHTS

As of August 22, the World Health Organization reports that global COVID-19 cases have surpassed 594.3 million with more than 6.4 million deaths.

On August 22, Pfizer and BioNTech asked the Food and Drug Administration to authorize COVID-19 booster shots that target the omicron BA.4 and BA.5 subvariants for people ages 12 and older. The new shots will become available to the public by early to mid-September. Click [HERE](#) to read more.

COVID-19 infection has been linked to a higher occurrence of mood and anxiety disorders that declined after 1-2 months. COVID-19 infection is also associated with an increased risk of dementia, psychotic disorders, epilepsy or seizures, and brain fog that remained elevated two years after patients were first diagnosed with the virus. Click [HERE](#) to read more.

## UNITED STATES

### COVID-19: U.S. at a Glance\* (as of 8/22/2022)

- Total cases: 93,393,407
- Total deaths: 1,035,469
- 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, Centers for Disease Control and Prevention (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.

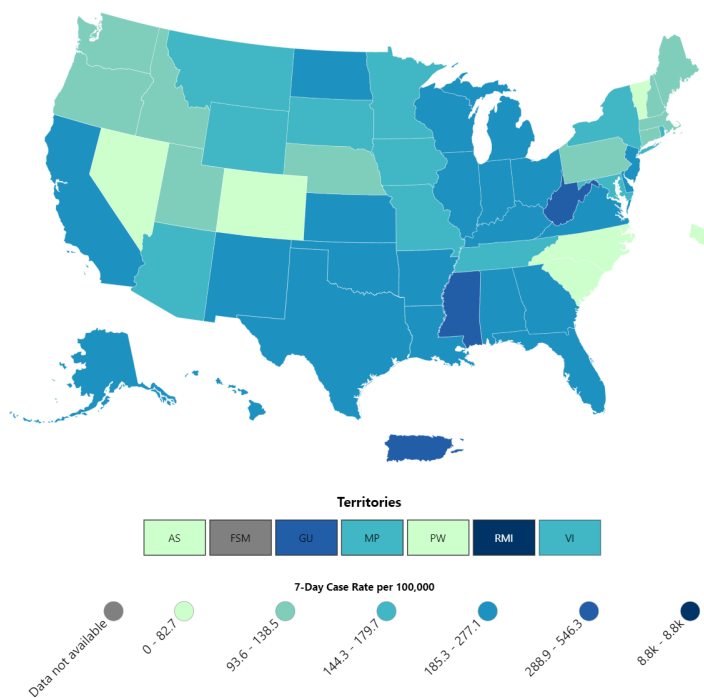
A probable case or death is defined by:

- 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 8/22/2022)

- Total tests reported: 949,235,969
- Positive tests reported: 89,835,045
- Percent of positive tests (7 - day): 15.1%

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



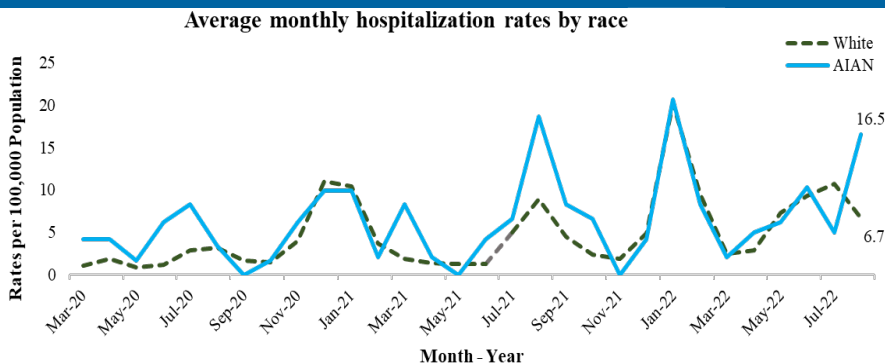


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## RATES OF COVID-19-ASSOCIATED HOSPITALIZATION BY RACE

As of 8/13/2022, CDC data shows that American Indian Alaska Natives (AIAN) in California have an average monthly COVID-19 hospitalization rate of 16.5 per 100,000 population, which is higher when compared to Whites (6.7 per 100,000).



## COVID-19 CASES BY INDIAN HEALTH SERVICES (IHS) AREA

IHS Area	Negative Cases	Positive Cases	Tested
ALASKA	898,048	54,409	1,096,723
ALBUQUERQUE	120,948	14,944	156,461
BEMIDJI	278,940	31,694	312,151
BILLINGS	139,184	14,003	158,096
CALIFORNIA	156,041	21,621	185,323
GREAT PLAINS	230,660	27,186	259,953
NASHVILLE	155,339	20,055	185,467
NAVAJO	385,154	79,690	536,292
OKLAHOMA CITY	956,203	176,114	1,143,268
PHOENIX	266,862	48,699	318,148
PORTLAND	220,761	20,937	242,267
TUCSON	72,455	9,271	81,995

7 – day average testing positivity: 18.8%

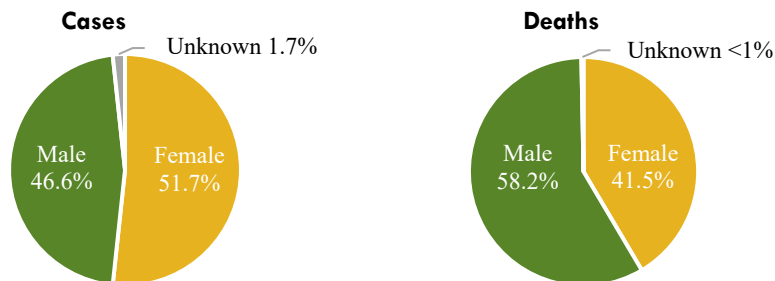
As of 8/21/2022 Source: IHS

## COVID-19 DEMOGRAPHICS IN CALIFORNIA

The California Department of Public Health (CDPH) reports a total of **10,211,889** cases and **93,843** deaths.

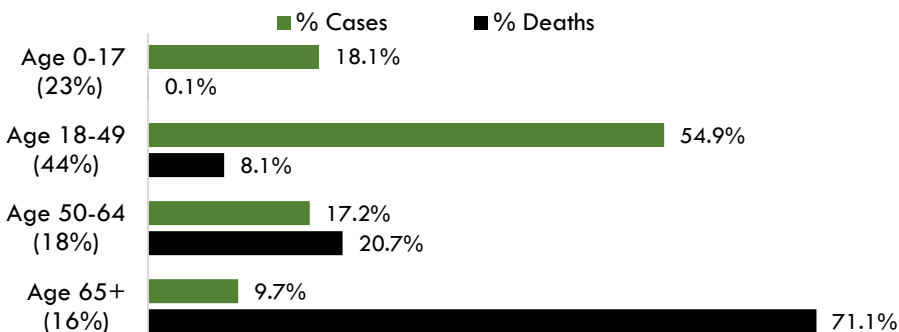
Confirmed positive cases by gender:

- Female: 5,279,547
- Male: 4,758,740
- Unknown: 173,602



Confirmed positive cases by age:

- Age 0-17: 1,848,352
- Age 18-49: 5,606,327
- Age 50-64: 1,756,445
- Age 65 and older: 990,553
- Unknown: 10,212



As of 8/22/2022 Source: CDPH

Note: Parentheses below age groups in chart show the percent of the total population of California.



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

### Weekly New Cases

**199.9** Per 100K

COVID-19 not contained but weekly cases are now at low levels

### Patients

**6.2%**

Patients with COVID-19 in hospital beds

### Admissions

**10.5** Per 100K

Weekly hospital admissions remain at medium levels

As of 8/22/2022 Source: COVID ACT Now

### CDPH Testing Statistics

Lab tests reported statewide: 182,119,274

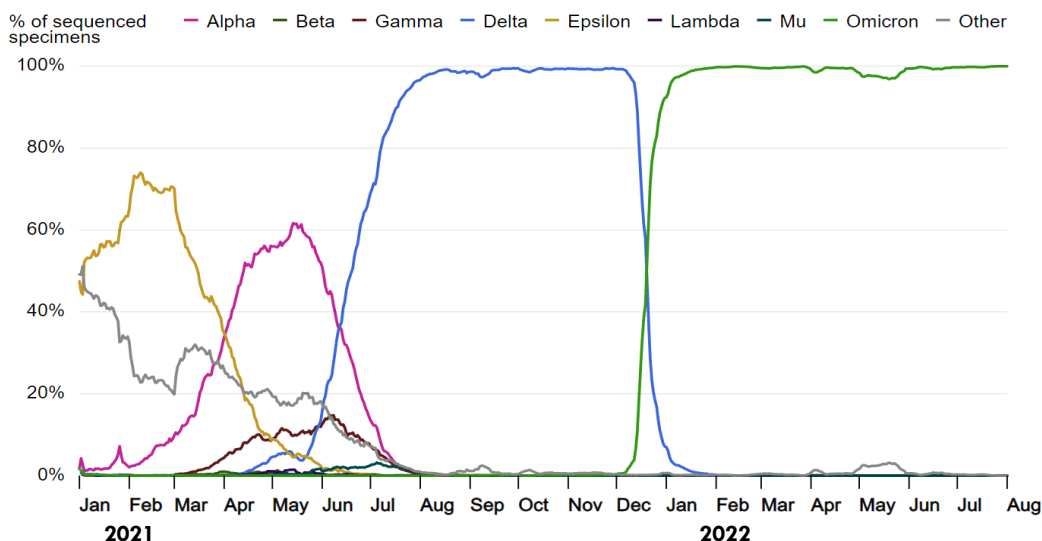
7-day test positivity rate: 10.0%

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

As of 8/22/2022 Source: CDPH

## COVID-19 VARIANTS OF CONCERN IN CALIFORNIA

As of August 17, 2022, there have been 703,642 samples sequenced in California. In June 2022, 6% of 476,501 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 365,351 cases were sequenced, and in April 2022, 16% of 124,664 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.



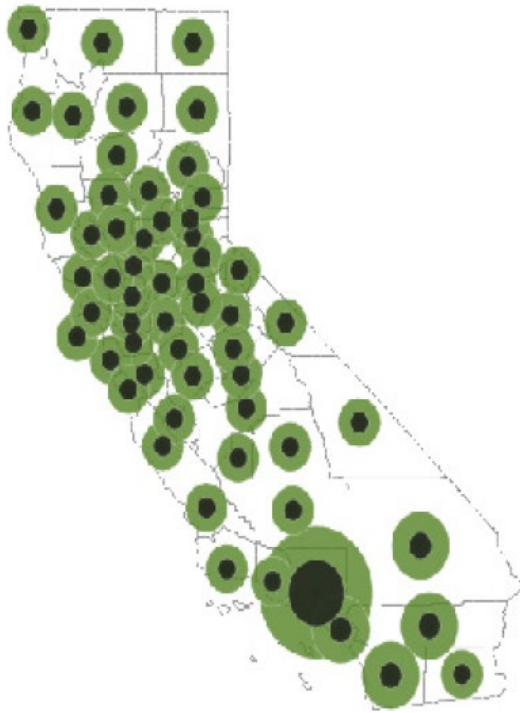
As of 8/1/2022 Source: CDPH

### Omicron Subvariant Proportions

Week Ending	BA.2.12.1	BA.4	BA.4.6	BA.5	Omicron
8/13/2022	0.9%	5.5%	5.6%	88.0%	100.0%
8/20/2022	0.5%	4.3%	6.3%	88.9%	100.0%

As of 8/20/2022 Source: CDC

# CASES AND DEATHS BY COUNTY IN CALIFORNIA



## Counties with most confirmed cases

Los Angeles	3,211,321
San Diego	906,885
Riverside	681,805
Orange	654,893
San Bernadino	651,496



## Counties with most confirmed deaths

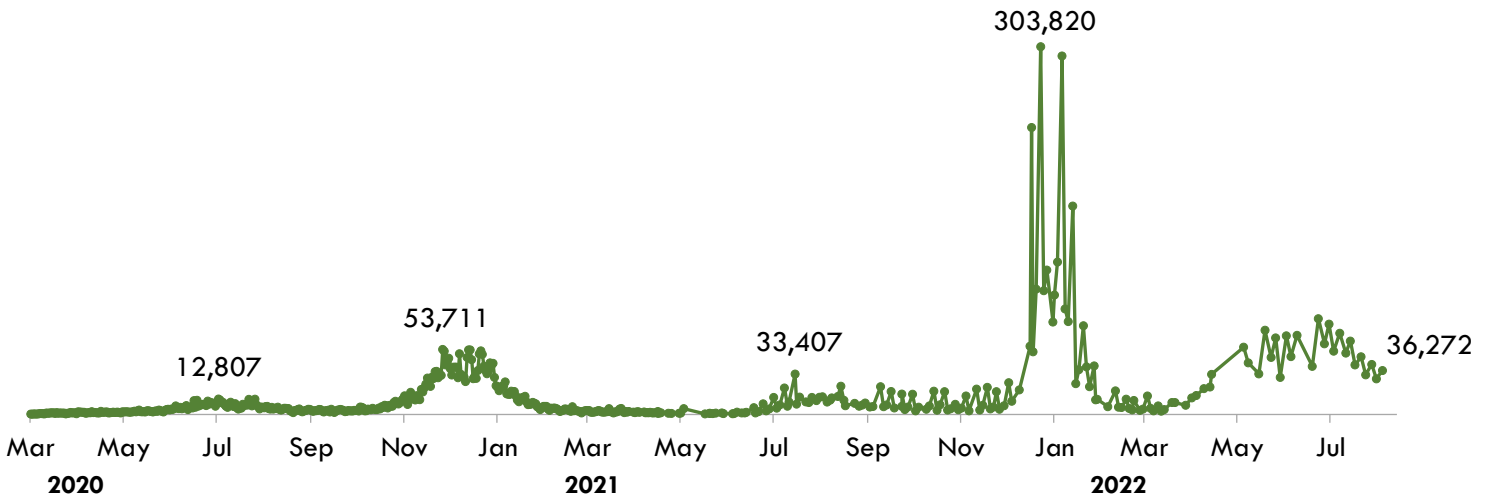
Los Angeles	32,783
San Diego	8,018
Riverside	7,312
Orange	6,573
San Bernadino	5,453



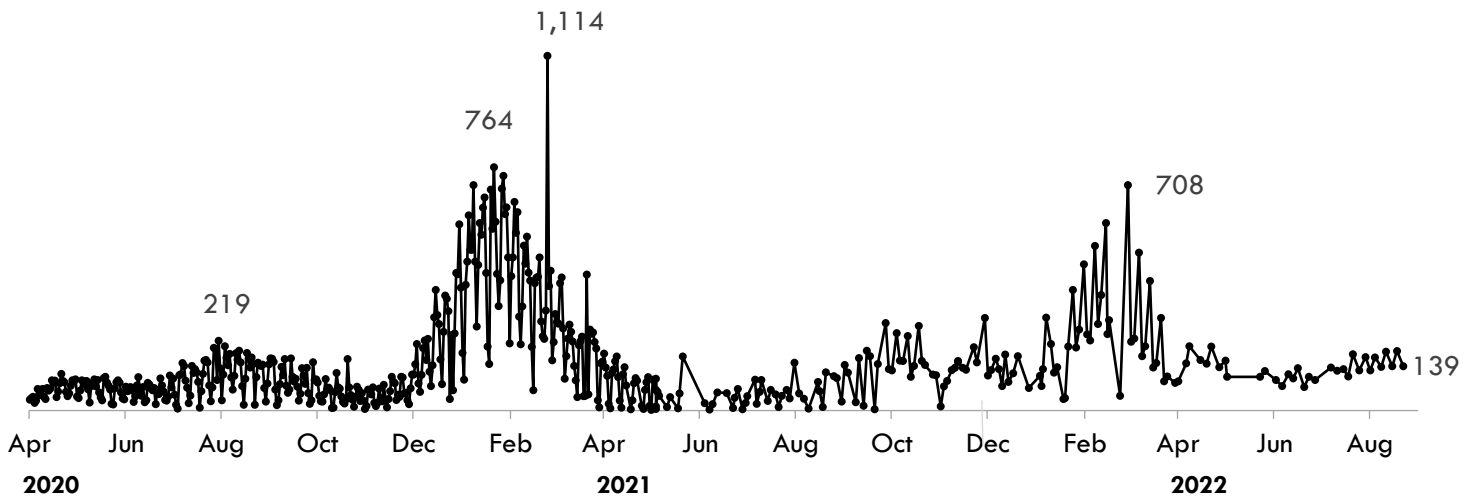
NOTE: Confirmed cases and deaths are cumulative.

As of 8/22/2022 Source: CDPH

## Newly Reported Cases by Date



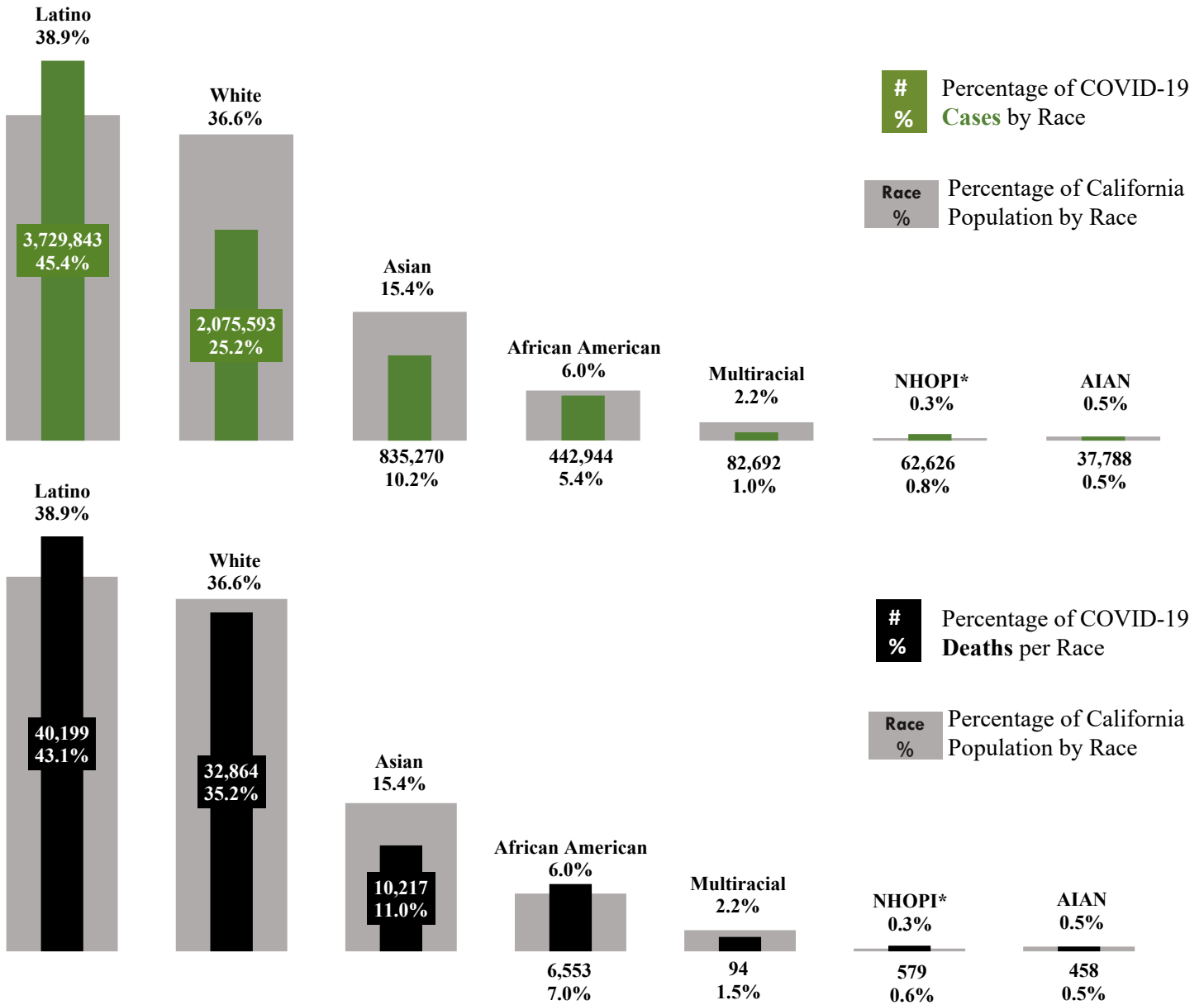
## Newly Reported Deaths by Date



As of 8/22/2022 Source: CDPH

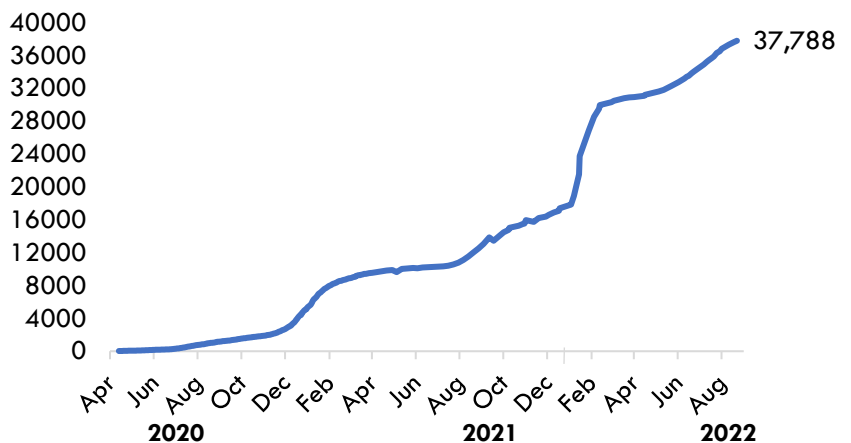
# Racial distribution of confirmed COVID-19 cases and deaths in California

AIANs account for 0.5% percent of the population and 0.5% of COVID-19 cases and deaths which includes a total of **37,788 cases** and **458 deaths**.



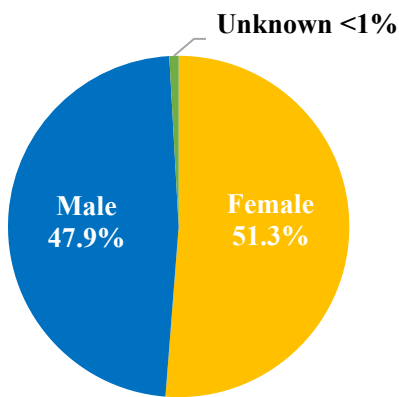
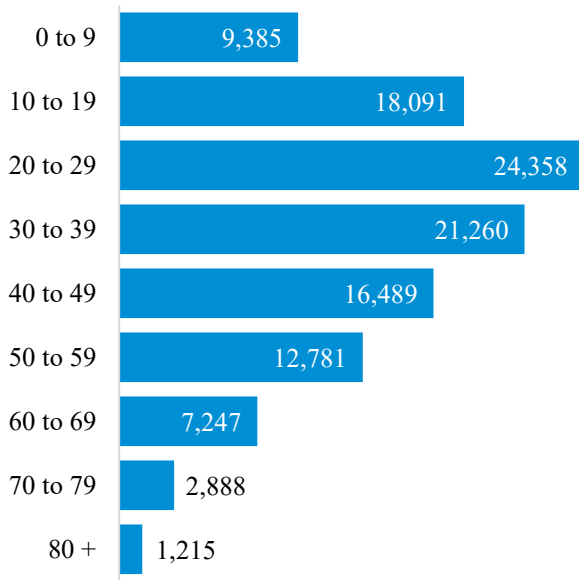
\* NHOPI refers to the Native Hawaiian and other Pacific Islander race category.  
 Note: 19% of cases and 1% of deaths are of unknown race/ethnicity.

Total number of AIAN positive cases diagnosed in California.

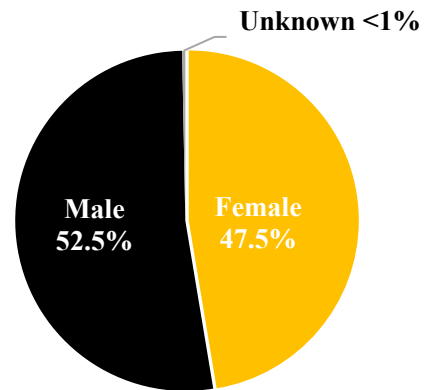
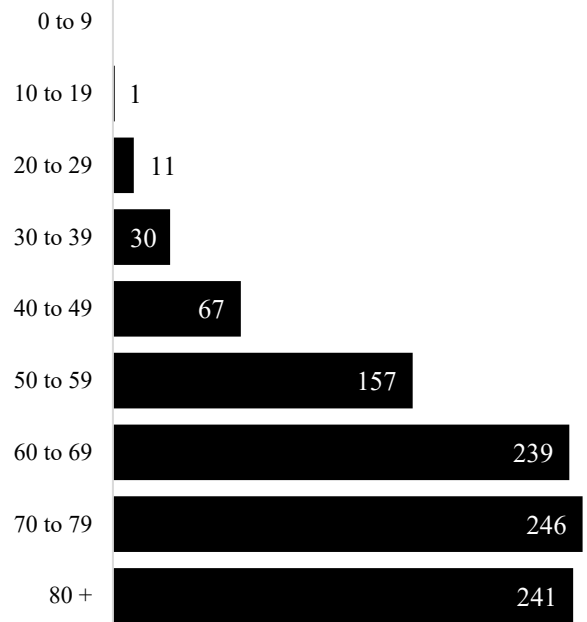


## AIAN data reported by the US Department of Health and Human Services (HHS) in California

COVID-19 cases by age group and gender



COVID-19 deaths by age group and gender



Below is a comparison using HHS 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
<b>AIAN alone</b>	<b>35,143</b>	<b>478</b>
<b>AIAN in combination</b>	<b>113,714</b>	<b>992</b>

# Tracking vaccinations administered in California

79,368,117  
Doses administered

3,244,173  
People partially vaccinated

28,731,424  
People fully vaccinated



## Doses administered by select counties

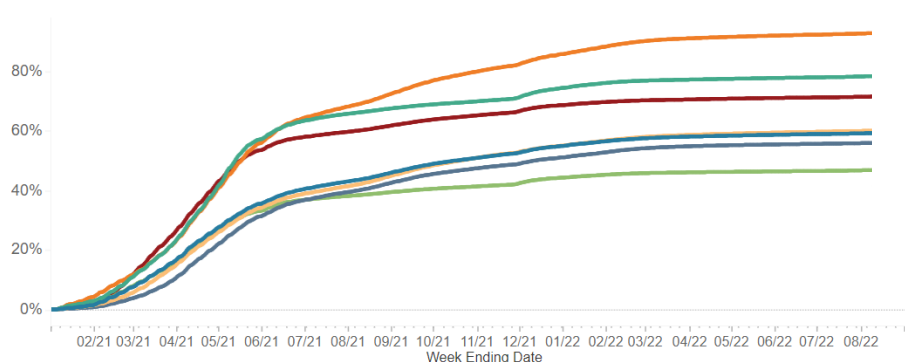
Los Angeles	20,381,634
San Diego	6,983,328
Orange	6,442,663
Santa Clara	4,810,345
Alameda	3,963,426

Note: data from CDPH does not include vaccines administered by federal organizations.

As of 8/18/2022 Source: CDPH

## Fully Vaccinated by Race/Ethnicity

The graph to the right shows that as of August 18, 2022, 59.1% of the eligible AIAN population statewide has been fully vaccinated (vs. 71.4% 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

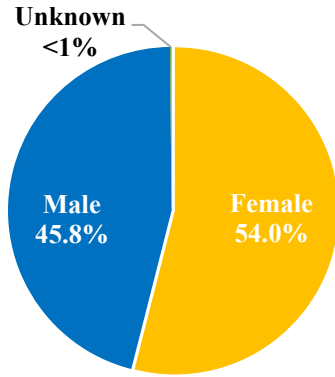
Race	Fully Vaccinated	Partially Vaccinated	Unvaccinated	Eligible Population
AIAN <sup>^</sup>	92,745 (59.1%)	14,588 (9.3%)	49,585 (31.6%)	156,918
Asian*	4,725,352 (78.3%)	406,937 (6.7%)	901,159 (14.9%)	6,033,448
Black	1,283,644 (60.0%)	123,744 (5.8%)	731,824 (34.2%)	2,139,212
Latino	8,867,931 (55.9%)	1,130,339 (7.1%)	5,869,088 (37.0%)	15,867,358
NHOPI*	128,822 (92.7%)	13,984 (10.1%)	N/A	139,020
White	9,979,193 (71.4%)	779,734 (5.6%)	3,212,622 (23.0%)	13,971,549
Multi-Race	771,315 (46.9%)	29,600 (1.8%)	844,849 (51.3%)	1,645,764
Other	1,997,170	371,211	N/A	N/A
Unknown	880,149	374,036	N/A	N/A

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

<sup>^</sup>Does not include doses administered by IHS

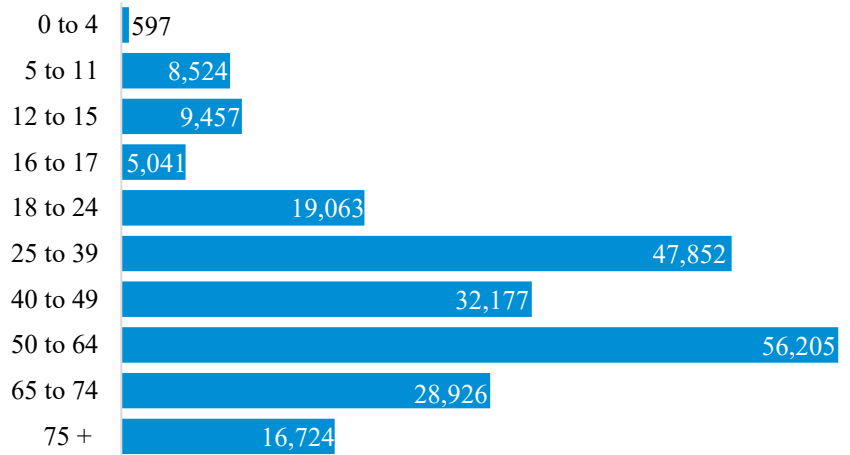
# AIAN vaccine data reported by the HHS in California

COVID-19 Vaccine Distribution by Gender



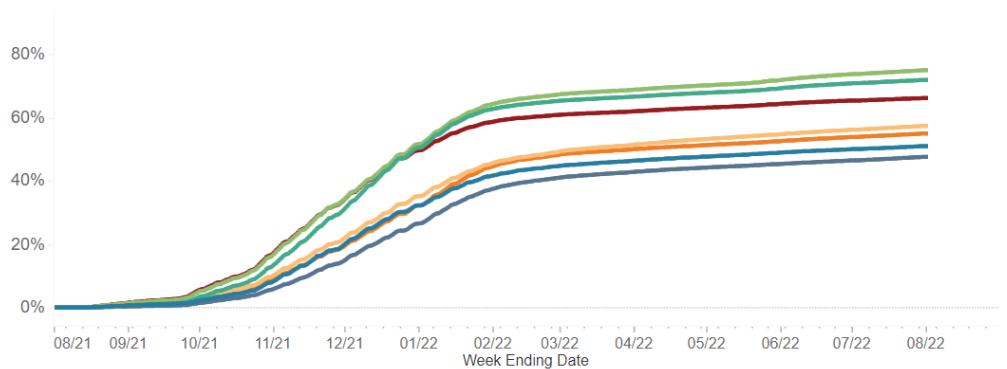
As of 8/18/2022 Source: HHS

COVID-19 Vaccine Distribution by Age Group



## Booster Vaccination by Race/Ethnicity

The graph to the right shows that as of August 18, 2022, 51.3% 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 8/18/2022 Source: CDPH

## Vaccine doses distributed and administered by IHS area

Area	Total Doses Distributed	Total Doses Administered
Albuquerque	221,290	191,820
Bemidji	266,620	179,533
Billings	150,330	82,948
California	398,130	228,632
Great Plains	285,130	172,862
Nashville	172,540	112,485
Navajo	498,480	401,491
Oklahoma City	739,765	520,817
Phoenix	375,505	254,732
Portland	179,450	110,094
Tucson	17,890	12,962

As of 8/21/2022 Source: IHS



## AIAN COVID-19 data reported by public health departments in select California counties

### Los Angeles County\*

AIAN Cases	6,015
AIAN Deaths	73
AIAN Tested	21,411

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

### San Bernardino County

AIAN Cases	8,131
AIAN Deaths	64

### San Diego County

AIAN Cases	3,548
AIAN Deaths	27
AIAN Tested	16,438

### Riverside County

AIAN Cases	2,951
AIAN Deaths	38

### Sacramento County

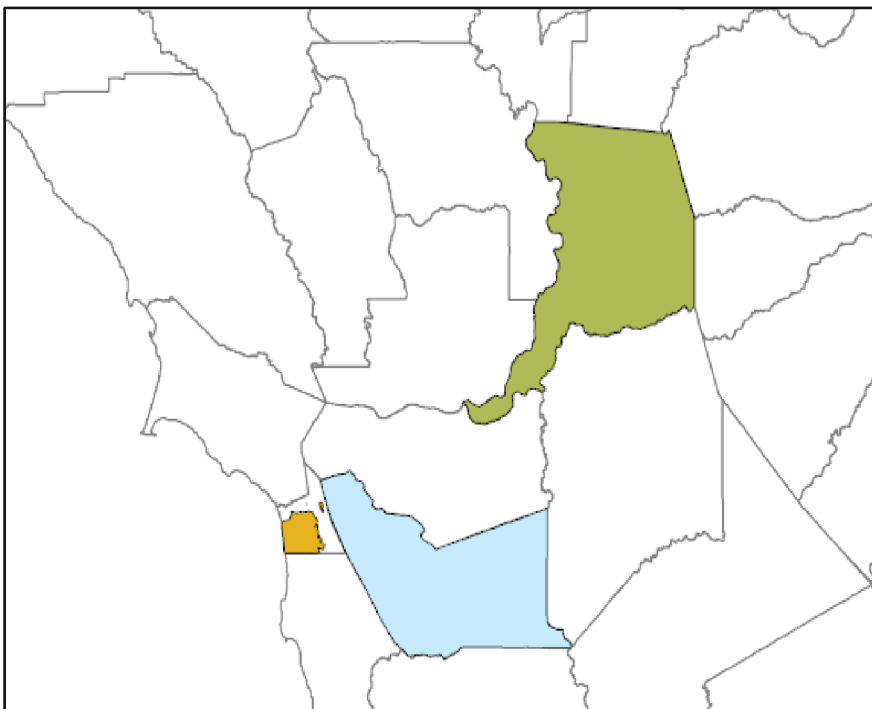
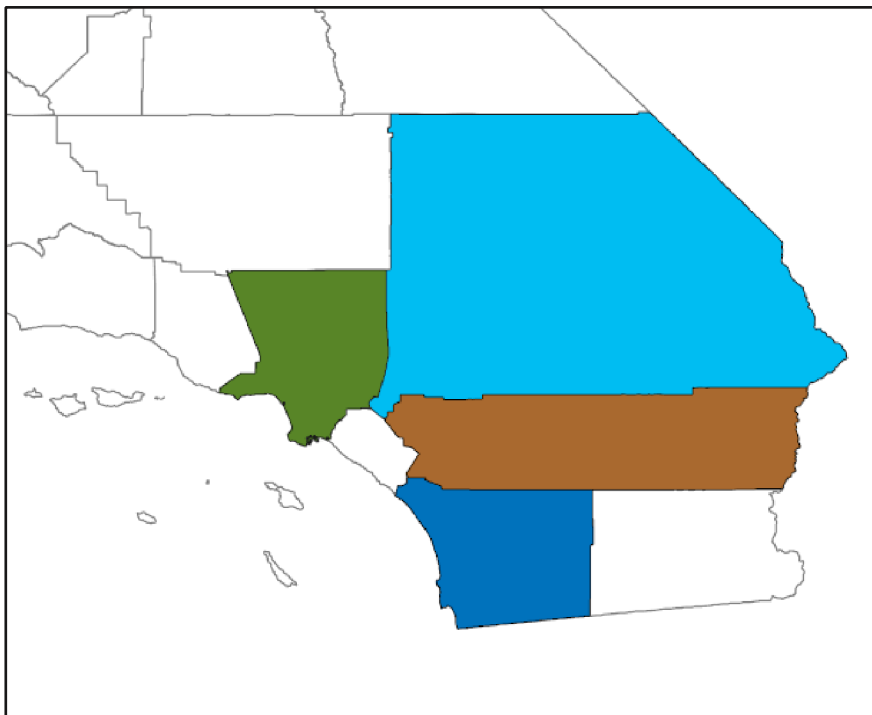
AIAN Cases	1,466
AIAN Deaths	21

### San Francisco County

AIAN Cases	407
AIAN Deaths	0

### Alameda County

AIAN Cases	1,015
AIAN Deaths	N/A



As of 8/22/2022. 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.