



# CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #406 FEBRUARY 28, 2022



## HIGHLIGHTS

Globally, COVID-19 cases have surpassed 434.1 million with more than 5.9 million deaths.

In the United States, as of February 27, the total number of cases stands at 78,732,221 and deaths at 944,517.

Two preprint studies posted Saturday offer further evidence that the coronavirus originated in animals and spread to humans in late 2019 at the Huanan Seafood Market in Wuhan, China. Read the full news article [HERE](#).

In a study of household transmission in four U.S. jurisdictions, Omicron infection resulted in high transmission among household contacts, particularly among those who lived with index patients who were not vaccinated or who did not take measures to reduce the risk of transmission to household contacts. This Centers for Disease Control and Prevention (CDC) Morbidity and Mortality Weekly Report (MMWR) is available [HERE](#).

The CDC has updated the list of certain underlying medical conditions that are associated with a higher risk for severe COVID-19 outcomes. Additional disabilities included within this list are primary immunodeficiency and physical inactivity. The resources contain summarized data used to inform the findings, an explanation of the review process, and a list of actions that health professionals can take to care for their patients. View the updated list [HERE](#).

## UNITED STATES

### COVID-19: U.S. at a Glance\* (as of 2/27/22)

- Total cases: 78,732,221
- Total deaths: 944,517
- 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.

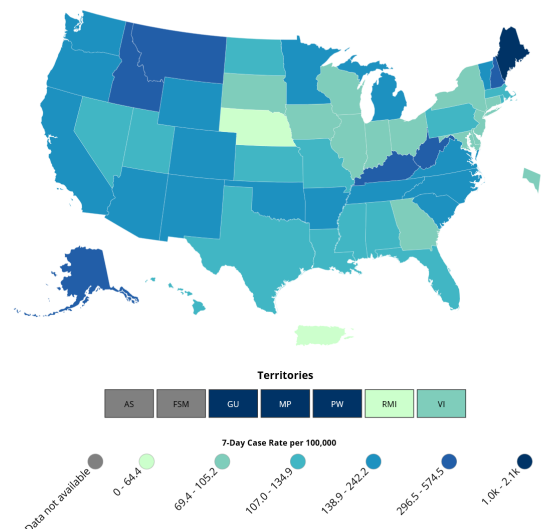
A probable case or death is defined by:

- 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 2/27/22)

- Total tests reported: 817,327,691
- Positive tests reported: 77,261,040
- Percent of positive tests (7-day): 5.0%

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



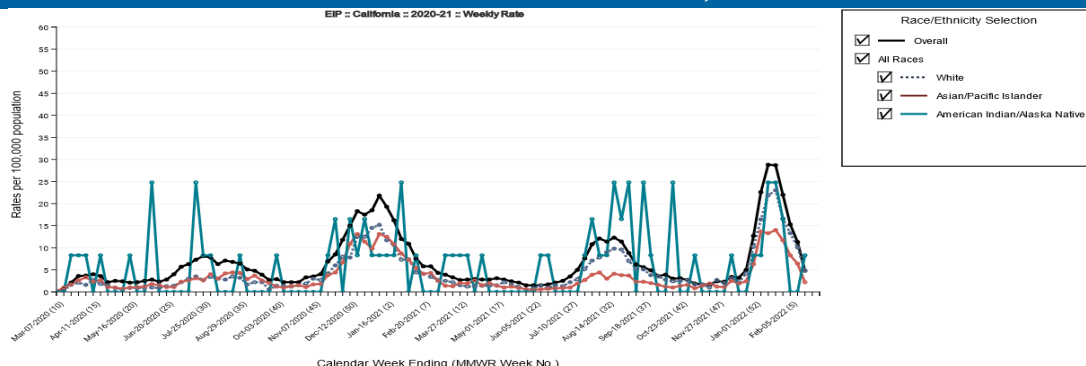


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## COVID-19 HOSPITALIZATIONS BY RACE/ETHNICITY, CA.

CDC data shows that the statewide AIAN COVID-19 hospitalization rate for the week ending on 2/19/22 is 8.3 per 100,000, which is higher when compared to Whites (4.8 per 100,000).



## COVID-19 CASES BY INDIAN HEALTH SERVICES AREA

	NEGATIVE CASES	POSITIVE CASES	TESTED
ALASKA	822,934	44,121	991,826
ALBUQUERQUE	105,056	13,060	138,760
BEMIDJI	257,364	28,177	286,465
BILLINGS	131,714	13,096	149,294
CALIFORNIA	137,800	18,464	163,367
GREAT PLAINS	208,410	25,148	235,686
NASHVILLE	131,060	16,297	152,189
NAVAJO	324,783	65,266	455,730
OKLAHOMA CITY	823,430	156,298	990,190
PHOENIX	238,076	42,479	281,810
PORTLAND	195,495	18,172	214,213
TUCSON	64,099	8,373	72,731

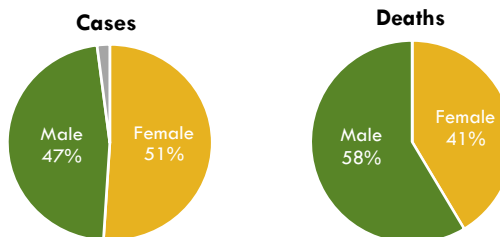
\*as of 2/22/2022

## CALIFORNIA

As of February 28, 2022, there were a total of 8,381,196 positive cases and 84,700 deaths in California.

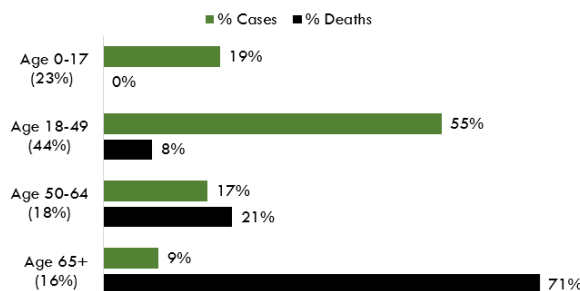
Confirmed positive cases by gender:

- Female: 4,274,410
- Male: 3,939,162
- Unknown: 167,624



Confirmed positive cases by age:

- Age 0-17: 1,592,427
- Age 18-49: 4,609,658
- Age 50-64: 1,424,803
- Age 65 and older: 754,308





# CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #406 FEBRUARY 28, 2022



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

## DAILY NEW CASES

**26.4** PER 100K

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

## INFECTION RATE

**0.60**

COVID-19 IS STILL SPREADING  
AT LOW LEVELS

## POSITIVE TEST RATE

**3.9%**

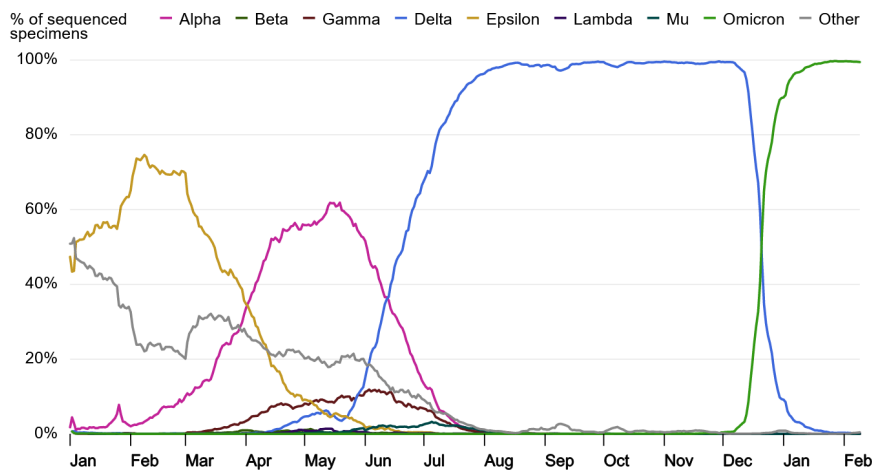
INDICATES MEDIUM TESTING  
POSITIVITY

Lab tests reported statewide: 147,584,393      7-day test positivity rate: 2.9%

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 February 23, 460,902 samples have been sequenced in California. In December 2021, 9% of cases in California have been sequenced so far. In November 2021, 27% and October 2021, 22% of 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 week that are variants of concern/interest statewide.



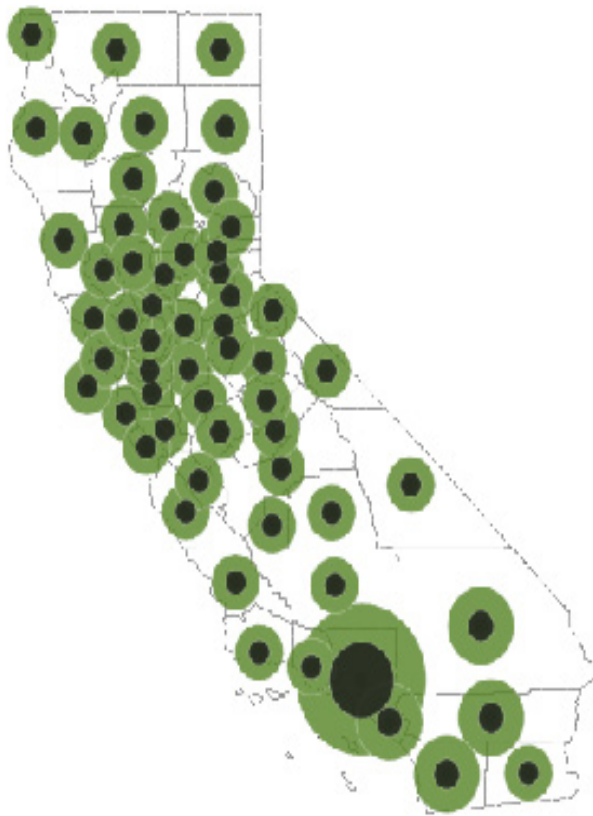
Week Ending	Alpha	Beta	Gamma	Delta	Epsilon	Lambda	Mu	Omicron
2/2/22	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	99.6%
2/9/22	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	99.5%

## INDIAN HEALTH SERVICE CALIFORNIA AREA

163,367 Tribal or Urban Indian Health Program patients in the California Area have been tested for COVID-19 as of 2/22/2022.

Of these, 18,464 patients have tested positive for COVID-19 and 137,800 have tested negative for COVID-19. The 7-day rolling average positivity rate is 9.0%.

## CONFIRMED CASES AND DEATHS BY COUNTY, CALIFORNIA



### Counties with most reported cases

Los Angeles	2,666,789
San Diego	737,760
Riverside	585,833
San Bernardino	556,457
Orange	540,659

### Counties with most reported deaths

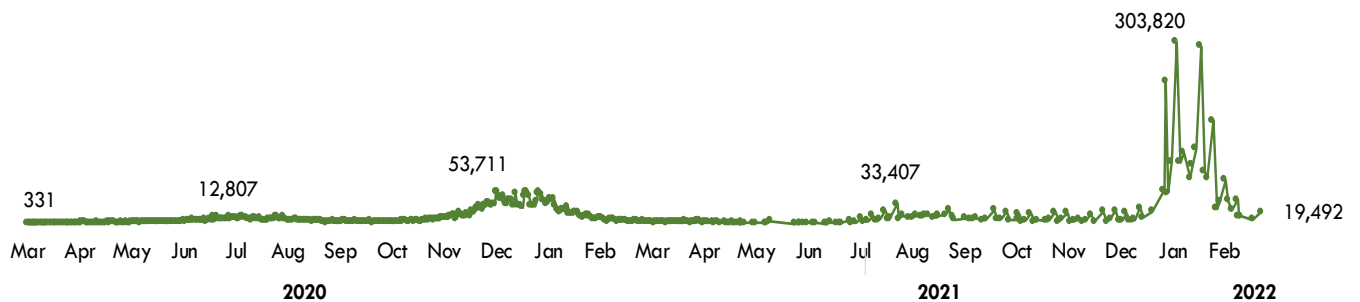
Los Angeles	30,410
San Bernardino	6,605
Orange	6,572
Riverside	6,179
San Diego	5,018

As of 2/28/2022. Source: CDPH

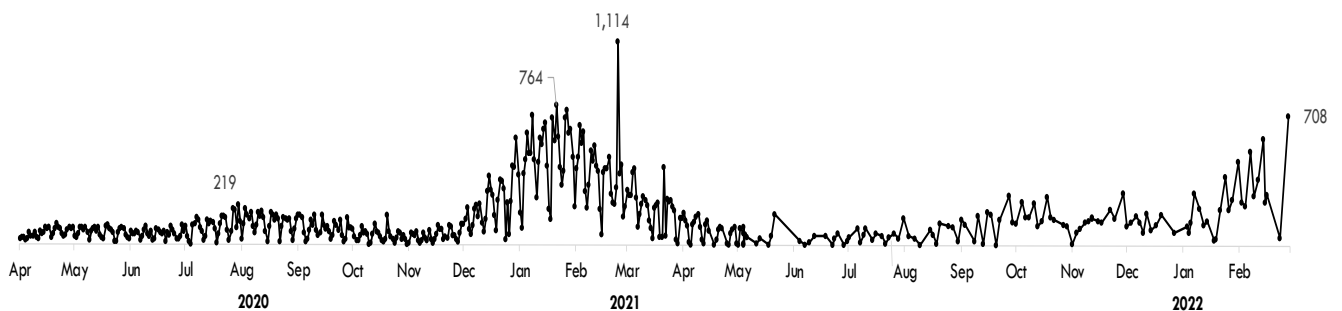
**8,381,196** Cases  
in California

**84,700** Deaths  
in California

### Newly Reported Cases in California by Date



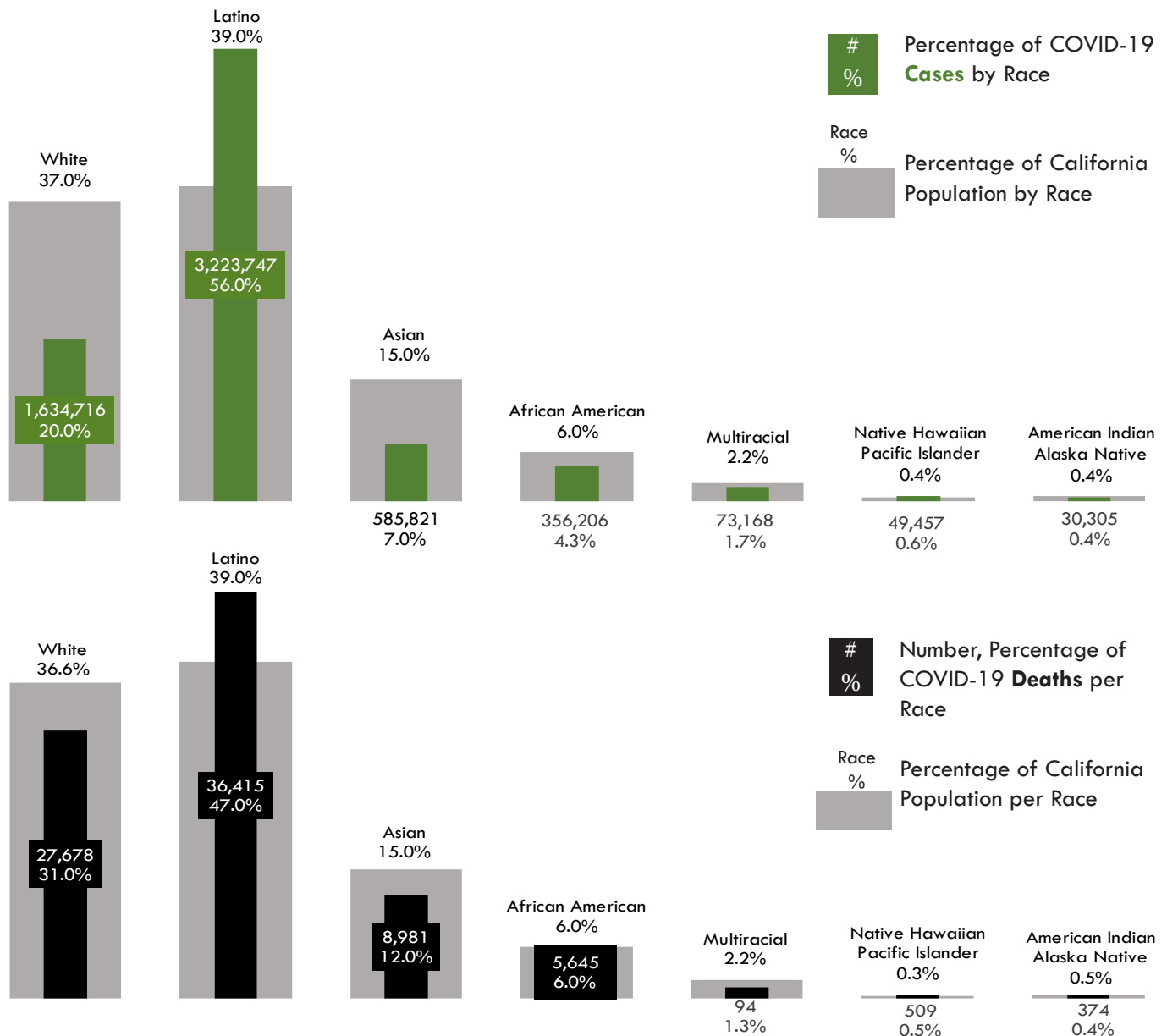
### Newly Reported Deaths in California by Date



As of 2/28/2022. Source: CDPH

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

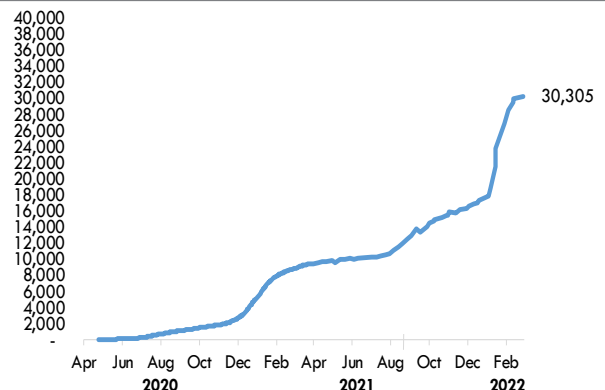
American Indians and Alaska Natives account for 0.5% percent of the population, **0.4% of COVID-19 cases**, and **0.4% of deaths** in California. This includes a total of **30,305 cases** and **374 deaths** among American Indian and Alaska Native people in California.



Note: 10% of cases and 1% of deaths are of unknown race/ethnicity. As of 2/28/2022. Source: CDPH

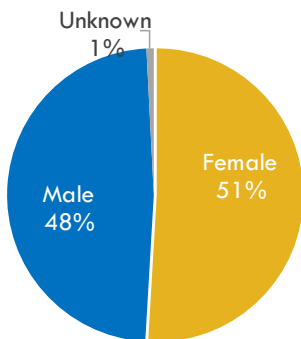
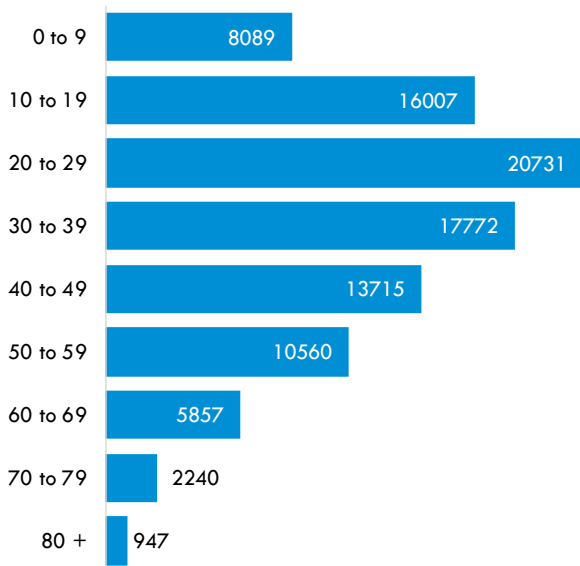
Data from [California Department of Public Health \(CDPH\)](#) include all positive cases of AIAN diagnosed in California.

As of 2/28/2022. Source: CDPH

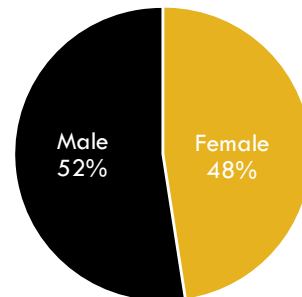
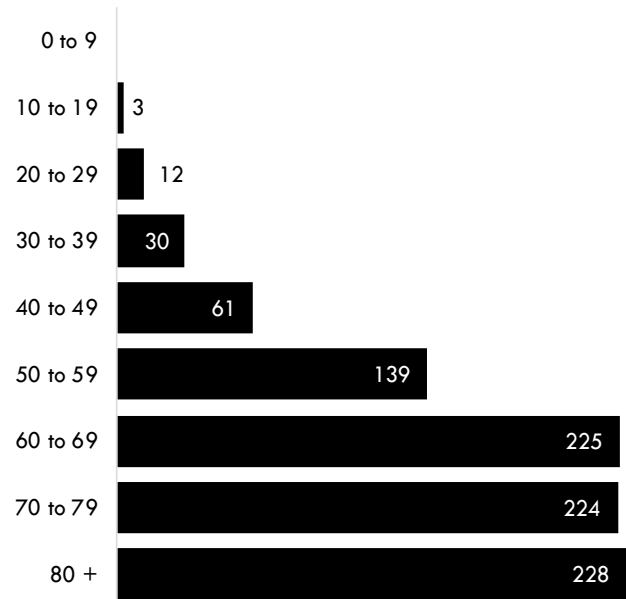


## American Indian and Alaska Native (AIAN) data reported by California to the Centers for Disease Control and Prevention (CDC)

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
<b>AIAN alone</b>	<b>28,748</b>	<b>436</b>
<b>AIAN in combination</b>	<b>95,918</b>	<b>922</b>

As of 2/28/2022. 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.

**71,572,458**

Doses administered

**3,515,260**

People partially vaccinated

**27,800,839**

People fully vaccinated



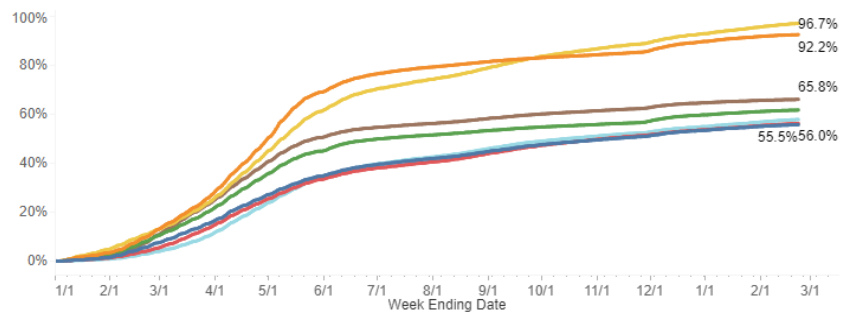
### Doses administered by county of residence

Los Angeles	18,460,291
San Diego	6,380,186
Orange	5,863,157
Santa Clara	4,334,568
Alameda	3,521,483

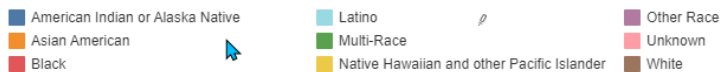
As of 2/28/2022. Source: CDPH

### Fully Vaccinated by Race/Ethnicity, California

The graph to the right shows that as of February 9, 2022, 55.5% of the eligible AIAN population statewide has been fully vaccinated (vs. 65.8% 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
<b>AIAN<sup>^</sup></b>	<b>90,882 (55.5%)</b>	<b>16,522 (10.1%)</b>	<b>56,320 (34.4%)</b>	<b>163,724</b>
Asian	4,578,694 (92.2%)	410,317 (8.3%)	*NA	4,968,603
Black	1,214,199 (56.0%)	133,315 (6.1%)	821,811 (37.9%)	2,169,325
Latino	8,512,792 (57.6%)	1,228,329 (8.3%)	5,038,189 (34.1%)	14,779,309
Native Hawaiian/ Pacific Islander	132,278 (96.7%)	15,938 (11.7%)	Unknown	136,761
White	9,515,518 (65.8%)	891,409 (6.2%)	4,060,735 (28.1%)	14,467,662
Multi-Race	619,707 (61.5%)	23,828 (2.4%)	364,757 (36.2%)	1,008,292
Other*	2,069,624	411,611	N/A	N/A
Unknown*	998,683	391,021	N/A	N/A

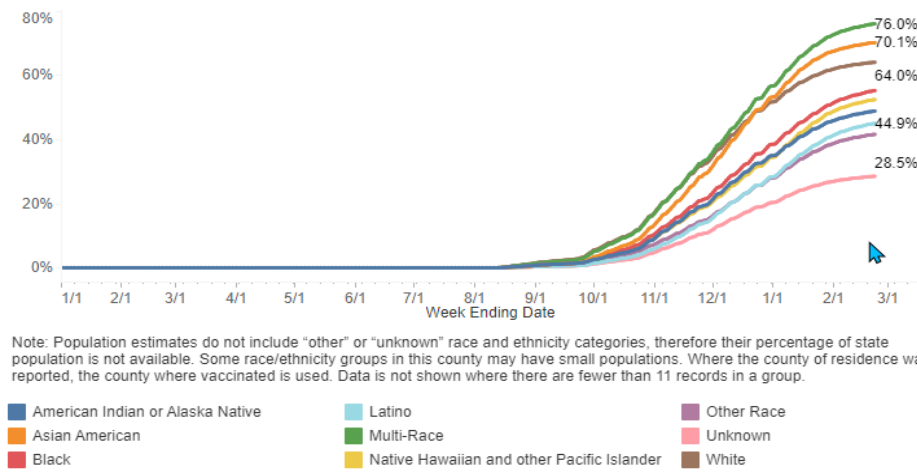
\*Percentage of vaccinations not available.

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

As of 2/23/2022. Source: CDPH

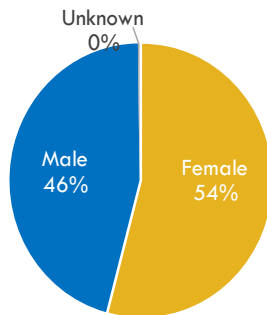


Booster vaccination progress over time by race/ethnicity, California



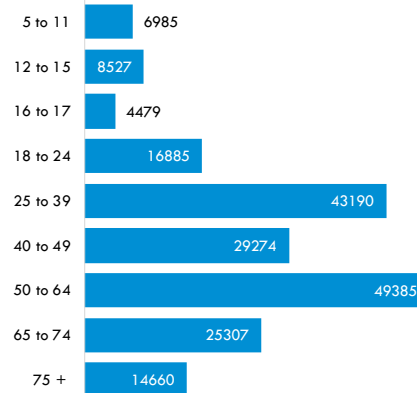
\*As of 2/23/2022. Source: CDPH

COVID-19 Vaccine Distribution among AIAN in California by Gender



\*As of 2/28/2022. 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	187,690	182,288
Bemidji	227,520	170,973
Billings	122,730	76,694
California	336,130	214,326
Great Plains	222,030	153,316
Nashville	150,640	107,152
Navajo	414,780	372,779
Oklahoma City	657,265	505,715
Phoenix	308,905	235,469
Portland	151,250	104,846
Tucson	15,690	11,606

\*As of 2/28/2022. 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	4,876
AIAN Deaths	69
AIAN Tested	19,874

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

### San Bernardino County

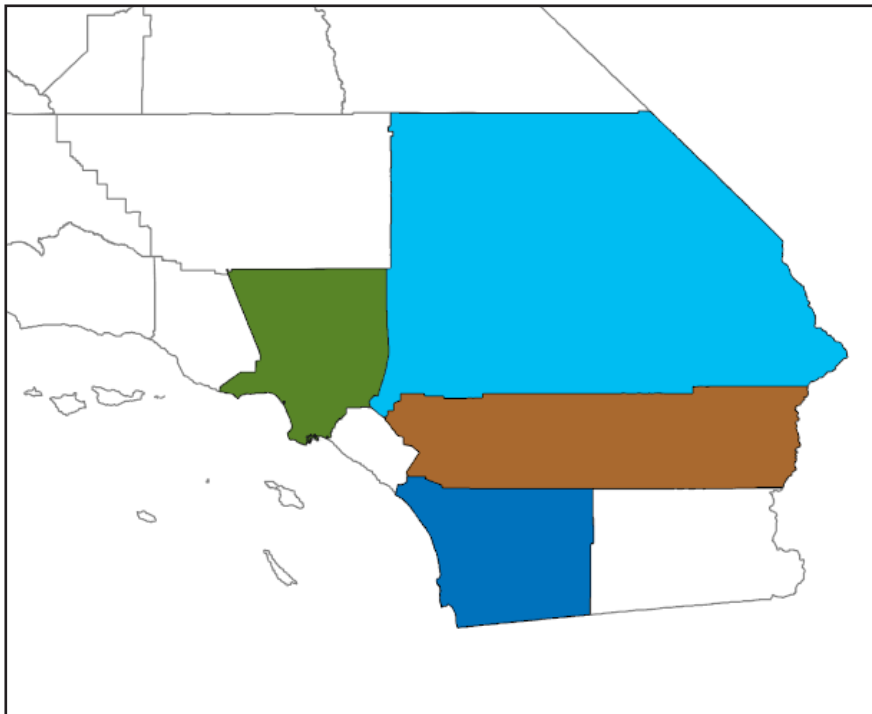
AIAN Cases	6,979
AIAN Deaths	43

### San Diego County

AIAN Cases	2,935
AIAN Deaths	21
AIAN Tested	16,438

### Riverside County

AIAN Cases	2,524
AIAN Deaths	33



### Sacramento County

AIAN Cases	1,234
AIAN Deaths	17

### San Francisco County

AIAN Cases	304
AIAN Deaths	0

### Alameda County

AIAN Cases	696
AIAN Deaths	na

