



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #407 MARCH 2, 2022



HIGHLIGHTS

Globally, COVID-19 cases have surpassed 435.6 million with more than 5.9 million deaths.

In the United States, as of March 1, the total number of cases stands at 78,855,000 and deaths at 947,882.

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 3/1/22)

- Total cases: 78,855,000
- Total deaths: 947,882
- 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.

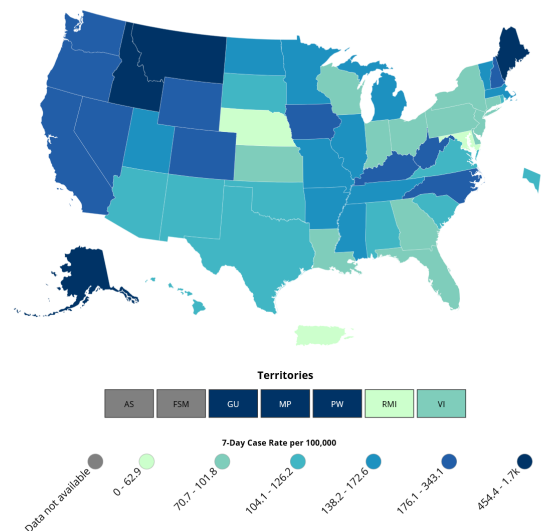
A probable case or death is defined by:

- 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

- Total tests reported: 819,346,431
- Positive tests reported: 77,358,483
- Percent of positive tests (7-day): 4.5%

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



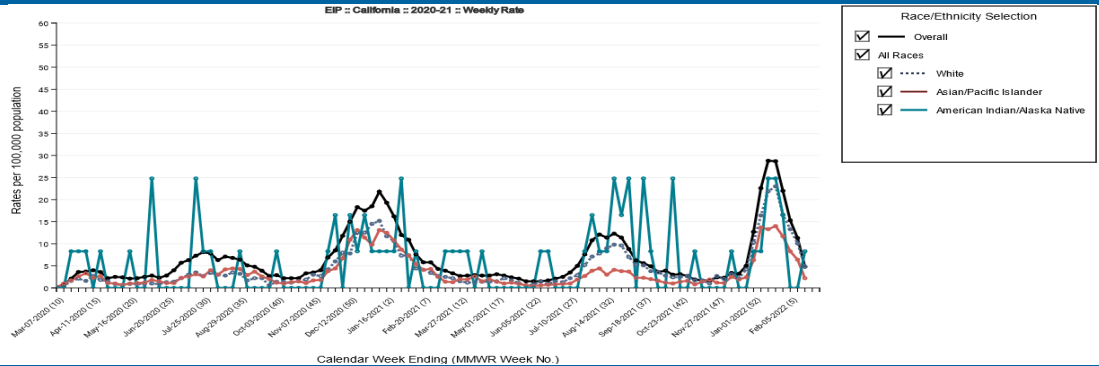


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COVID-19 HOSPITALIZATIONS BY RACE/ETHNICITY, CA.

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	826,417	44,643	996,653
ALBUQUERQUE	105,633	13,090	139,408
BEMIDJI	257,847	28,233	287,005
BILLINGS	132,032	13,154	149,647
CALIFORNIA	138,836	18,786	164,735
GREAT PLAINS	208,922	25,188	236,254
NASHVILLE	131,393	16,328	152,530
NAVAJO	326,100	65,688	457,654
OKLAHOMA CITY	824,555	156,391	991,456
PHOENIX	238,988	42,682	282,917
PORTLAND	195,858	18,208	214,610
TUCSON	65,925	8,556	72,741

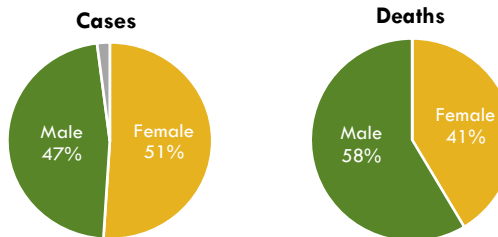
*as of 2/27/2022

CALIFORNIA

As of March 2, 2022, there were a total of 8,388,683 positive cases and 84,928 deaths in California.

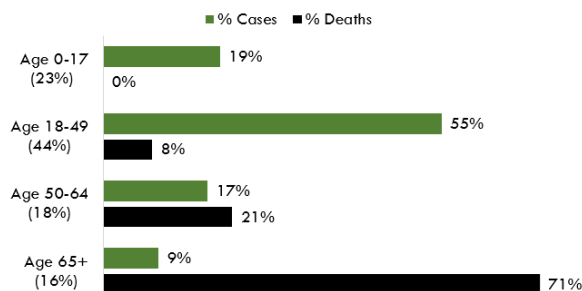
Confirmed positive cases by gender:

- Female: 4,278,228
- Male: 3,942,681
- Unknown: 167,773



Confirmed positive cases by age:

- Age 0-17: 1,593,850
- Age 18-49: 4,613,776
- Age 50-64: 1,426,076
- Age 65 and older: 754,981





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

DAILY NEW CASES

21.5 PER 100K

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

INFECTION RATE

0.70

COVID-19 IS STILL SPREADING AT LOW LEVELS

POSITIVE TEST RATE

4.1 %

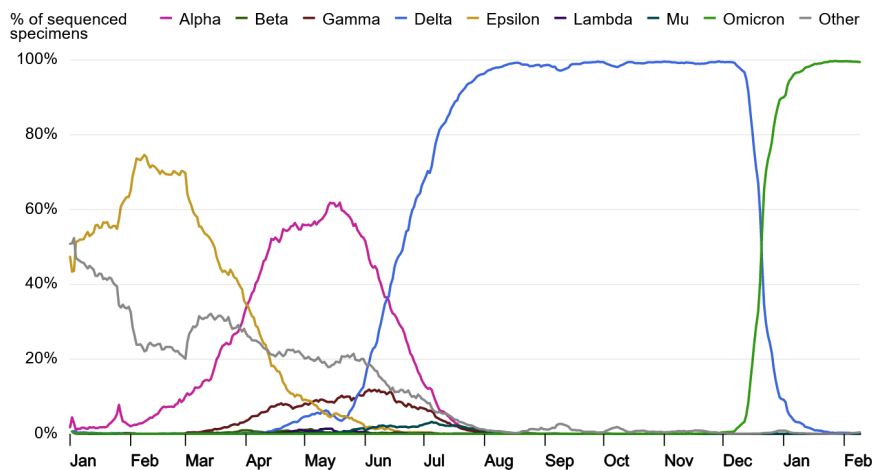
INDICATES MEDIUM TESTING POSITIVITY

Lab tests reported statewide: 147,736,697 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 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.



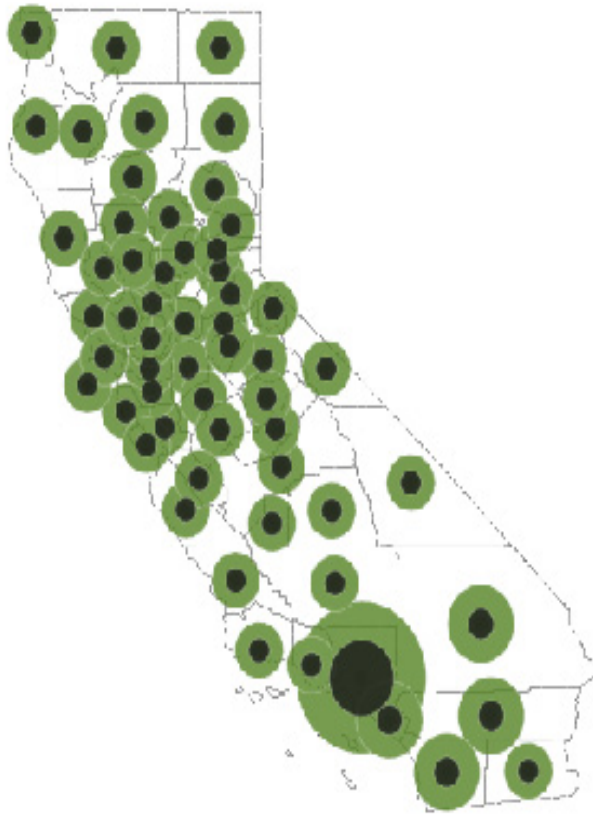
Week Ending	Alpha	Beta	Gamma	Delta	Epsilon	Lambda	Mu	Omicron
2/2/22	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	99.6%
2/9/22	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	99.5%

INDIAN HEALTH SERVICE CALIFORNIA AREA

164,735 Tribal or Urban Indian Health Program patients in the California Area have been tested for COVID-19 as of 2/27/2022.

Of these, 18,786 patients have tested positive for COVID-19 and 138,836 have tested negative for COVID-19. The 7-day rolling average positivity rate is 8.5%.

CONFIRMED CASES AND DEATHS BY COUNTY, CALIFORNIA



Counties with most reported cases

Los Angeles	2,669,489
San Diego	739,136
Riverside	586,184
San Bernardino	556,743
Orange	541,054

Counties with most reported deaths

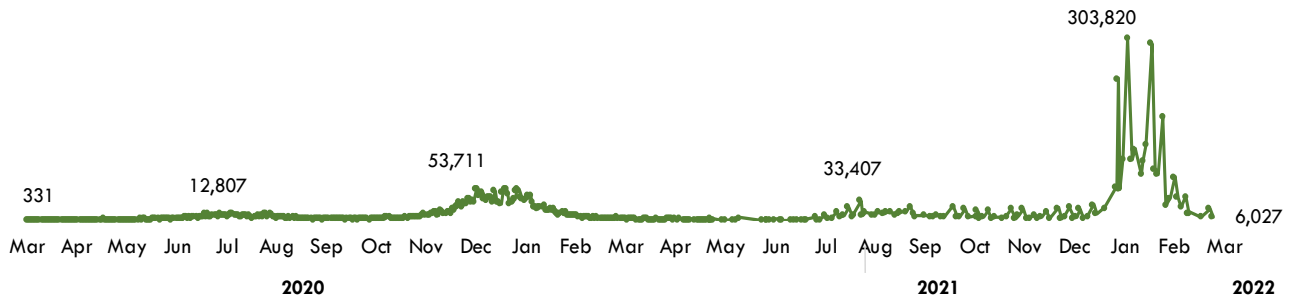
Los Angeles	30,486
San Bernardino	6,612
Orange	6,588
Riverside	6,198
San Diego	5,029

As of 3/2/2022. Source: CDPH

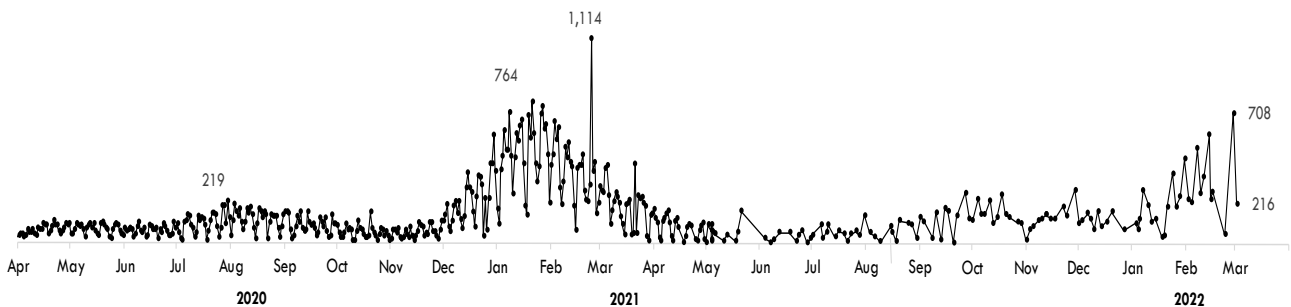
8,388,683 Cases
in California

84,928 Deaths
in California

Newly Reported Cases in California by Date



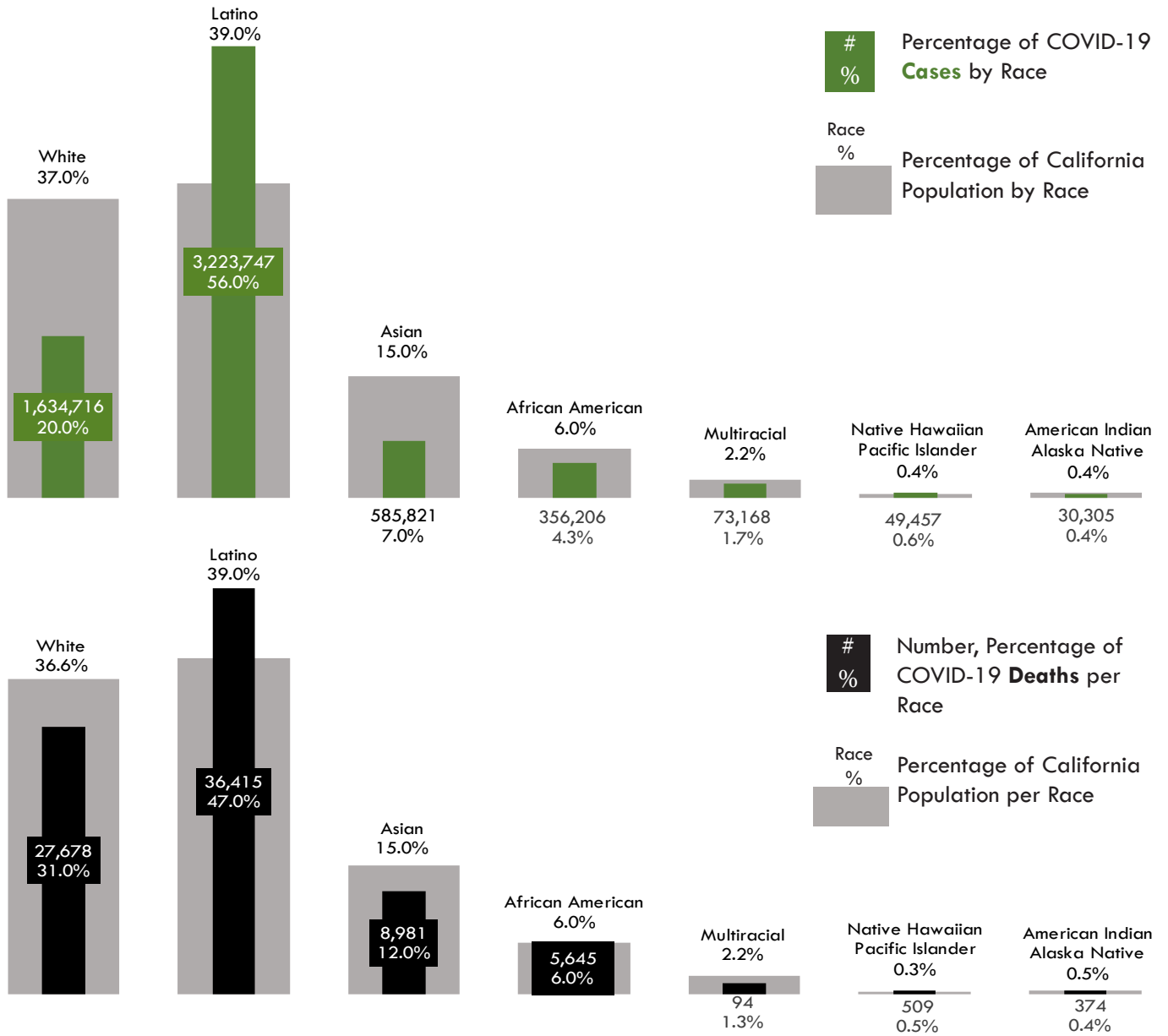
Newly Reported Deaths in California by Date



As of 3/2/2022. Source: CDPH

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

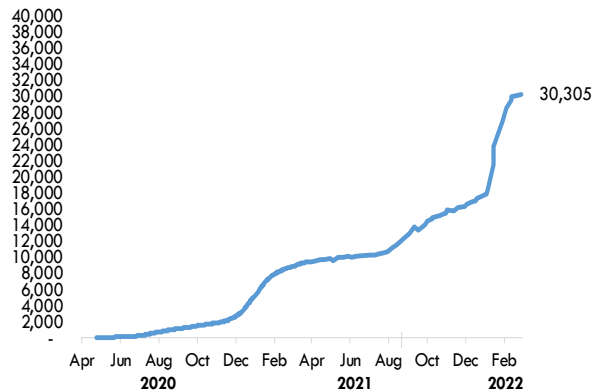
American Indians and Alaska Natives account for 0.5% percent of the population, **0.4% of COVID-19 cases**, and **0.4% of deaths** in California. This includes a total of **30,305 cases** and **374 deaths** among American Indian and Alaska Native people in California.



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

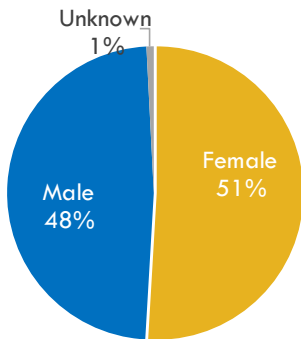
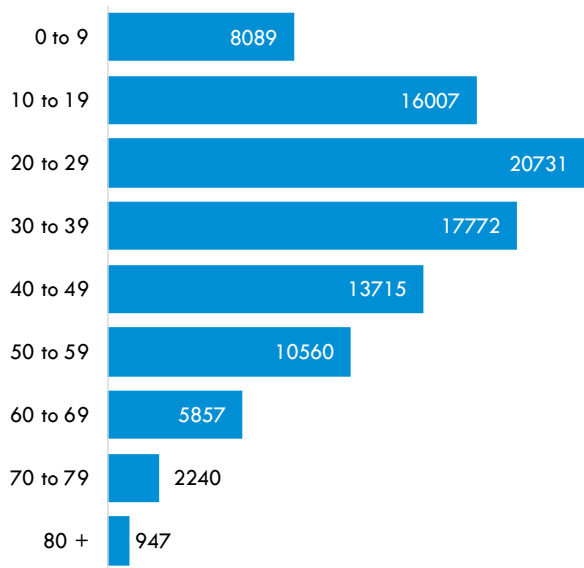
Data from California Department of Public Health (CDPH) include all positive cases of AIAN diagnosed in California.

As of 2/28/2022. Source: CDPH

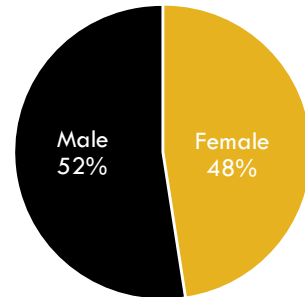
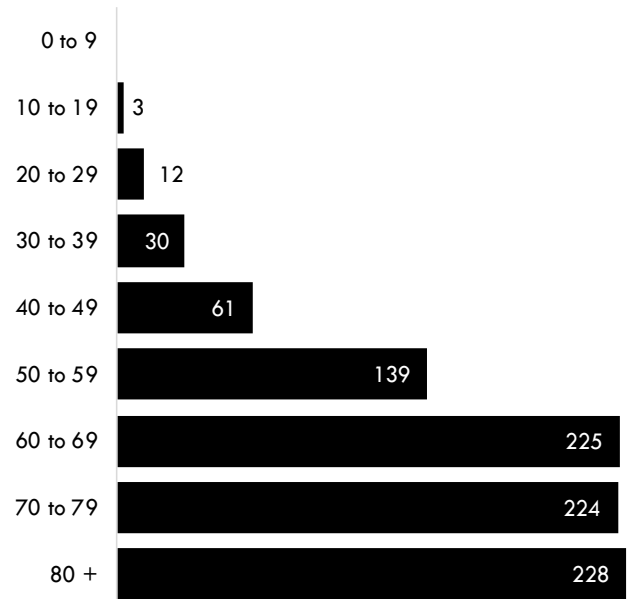


American Indian and Alaska Native (AIAN) data reported by California to the Centers for Disease Control and Prevention (CDC)

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
AIAN alone	28,748	436
AIAN in combination	95,918	922

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.

71,697,868

Doses administered

3,513,263

People partially vaccinated

27,827,565

People fully vaccinated



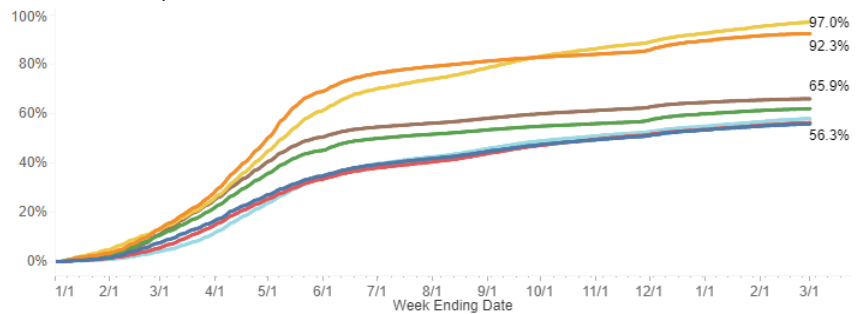
Doses administered by county of residence

Los Angeles	18,492,513
San Diego	6,388,648
Orange	5,871,699
Santa Clara	4,340,891
Alameda	3,526,710

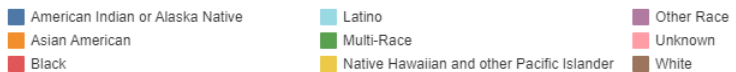
As of 3/2/2022. Source: CDPH

Fully Vaccinated by Race/Ethnicity, California

The graph to the right shows that as of March 3, 2022, 55.7% of the eligible AIAN population statewide has been fully vaccinated (vs. 65.9% 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.

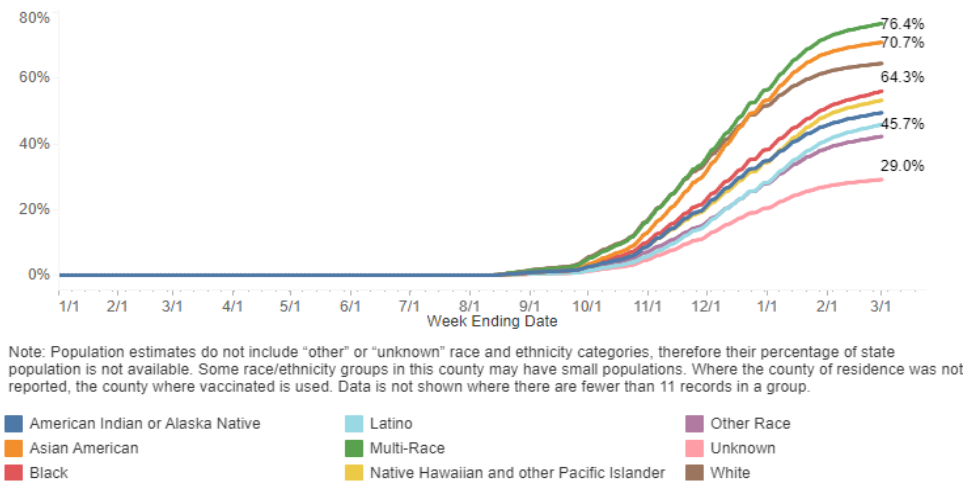
Race	Fully Vaccinated	Partially Vaccinated	Unvaccinated	Eligible Population
AIAN[^]	91,265 (55.7%)	16,427 (10.0%)	56,032 (34.2%)	163,724
Asian	4,588,427 (92.3%)	409,708 (8.2%)	*NA	4,968,603
Black	1,220,370 (56.3%)	132,080 (6.1%)	816,875 (37.7%)	2,169,325
Latino	8,562,836 (57.9%)	1,222,198 (8.3%)	4,994,276 (33.8%)	14,779,309
Native Hawaiian/ Pacific Islander	132,618 (97.0%)	15,854 (11.6%)	Unknown	136,761
White	9,534,844 (65.9%)	888,263 (6.1%)	4,044,555 (28.0%)	14,467,662
Multi-Race	623,883 (61.9%)	23,481 (2.3%)	360,928 (35.8%)	1,008,292
Other*	2,072,552	411,332	N/A	N/A
Unknown*	1,000,768	393,920	N/A	N/A

*Percentage of vaccinations not available.

[^]Does not include doses administered by IHS

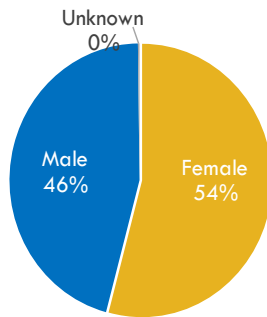
As of 3/2/2022. Source: CDPH

Booster vaccination progress over time by race/ethnicity, California



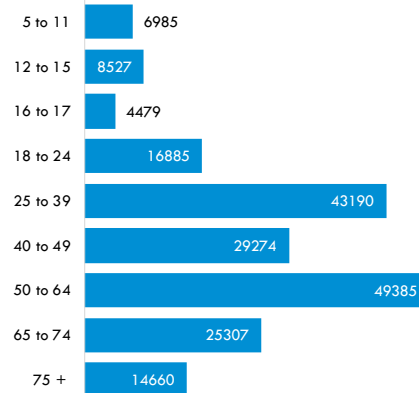
*As of 3/2/2022. Source: CDPH

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

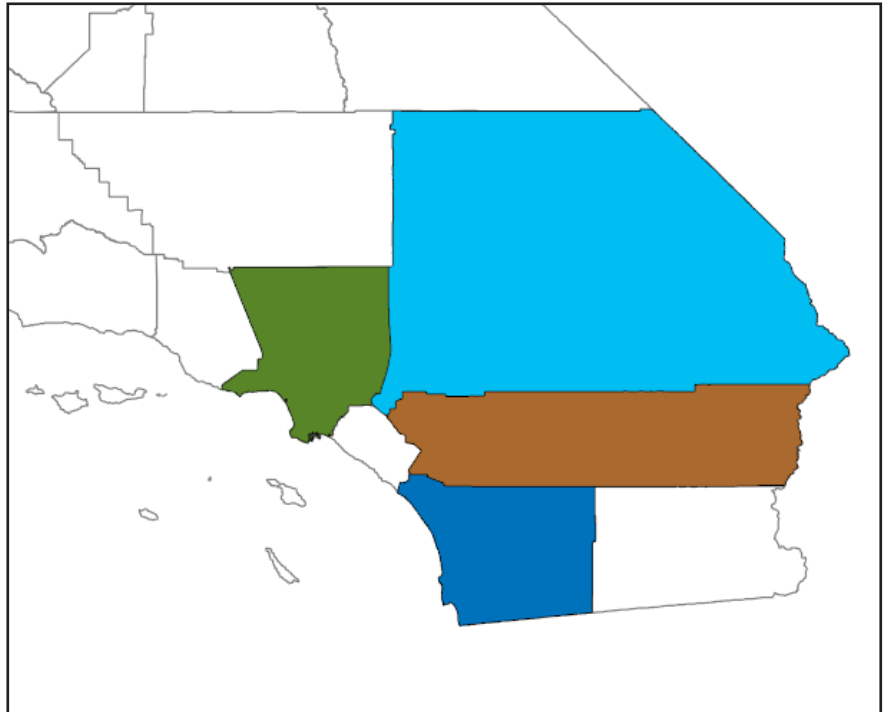
Los Angeles County*	
AIAN Cases	4,877
AIAN Deaths	69
AIAN Tested	19,894

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

San Bernardino County	
AIAN Cases	6,981
AIAN Deaths	45

San Diego County	
AIAN Cases	2,935
AIAN Deaths	21
AIAN Tested	16,438

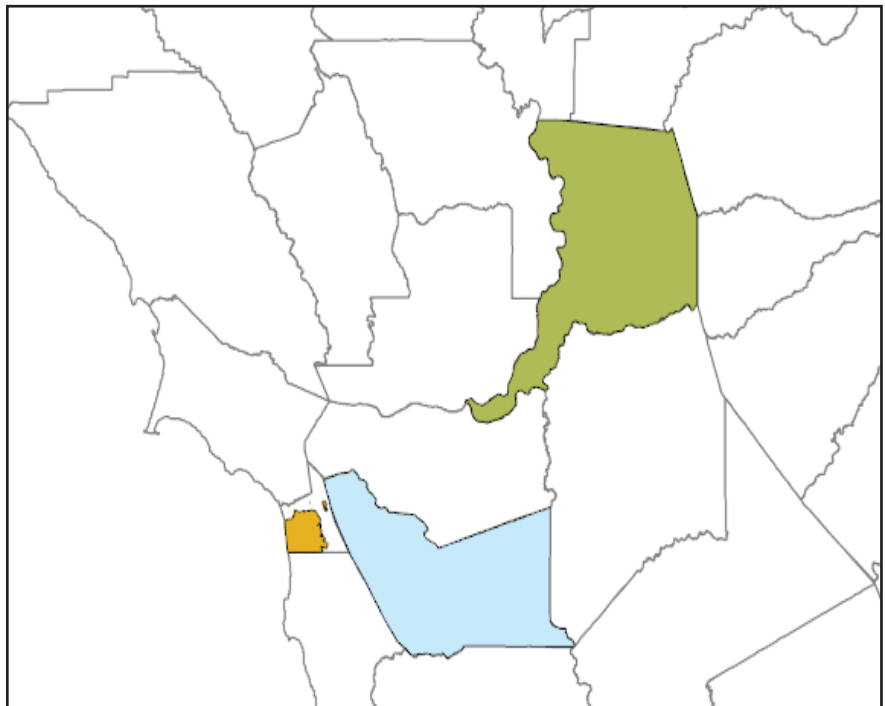
Riverside County	
AIAN Cases	2,527
AIAN Deaths	34



Sacramento County	
AIAN Cases	1,243
AIAN Deaths	18

San Francisco County	
AIAN Cases	303
AIAN Deaths	0

Alameda County	
AIAN Cases	701
AIAN Deaths	na



As of 3/2/2022. 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.