



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #431 MAY 3, 2022



HIGHLIGHTS

Globally, COVID-19 cases have surpassed 512.0 million with more than 6.2 million deaths.

In the United States, as of May 2, the total number of cases stands at 80,598,784 and deaths at 986,437.

At this time, CDC recommends that everyone aged 2 and older – including passengers and workers – properly wear a well-fitting mask or respirator over the nose and mouth in indoor areas of public transportation (such as airplanes, trains, etc.) and transportation hubs (such as airports, stations, etc.). When people properly wear a well-fitting mask or respirator, they protect themselves and those around them, and help keep travel and public transportation safer for everyone. Wearing a well-fitting mask or respirator is most beneficial in crowded or poorly ventilated locations, such as airport jetways. We also encourage operators of public transportation and transportation hubs to support mask wearing by all people, including employees.

This public health recommendation is based on the currently available data, including an understanding of domestic and global epidemiology, circulating variants and their impact on disease severity and vaccine effectiveness, current trends in COVID-19 Community Levels within the United States, and projections of COVID-19 trends in the coming months.

Along with staying up to date with COVID-19 vaccines, avoiding crowds, wearing a well-fitting mask or respirator is one of multiple prevention steps that people can take to protect themselves and others in travel and transportation settings. For more information click [HERE](#)

UNITED STATES

COVID-19: U.S. at a Glance* (as of 5/2/2022)

- Total cases: 81,307,595
- Total deaths: 991,439
- 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.

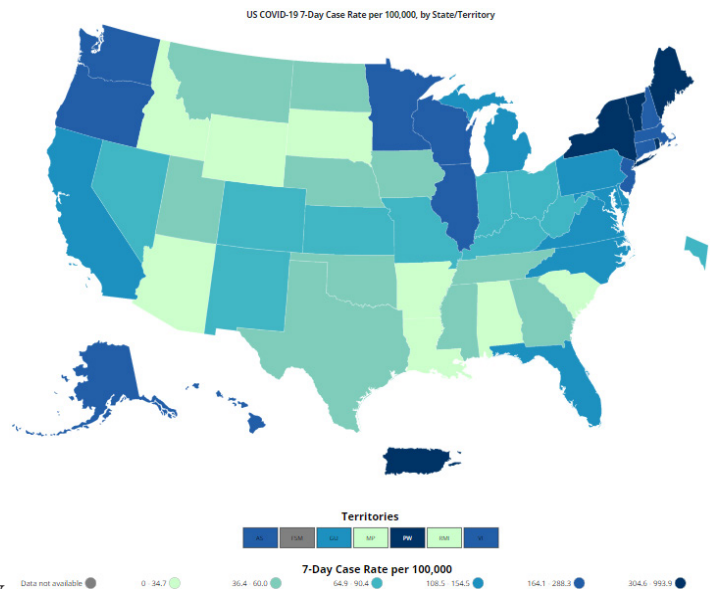
A probable case or death is defined by:

- 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 COVID19.

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 4/26/22)

- Total tests reported: 872,386,666
- Positive tests reported: 79,596,835
- Percent of positive tests (7-day): 7.6%



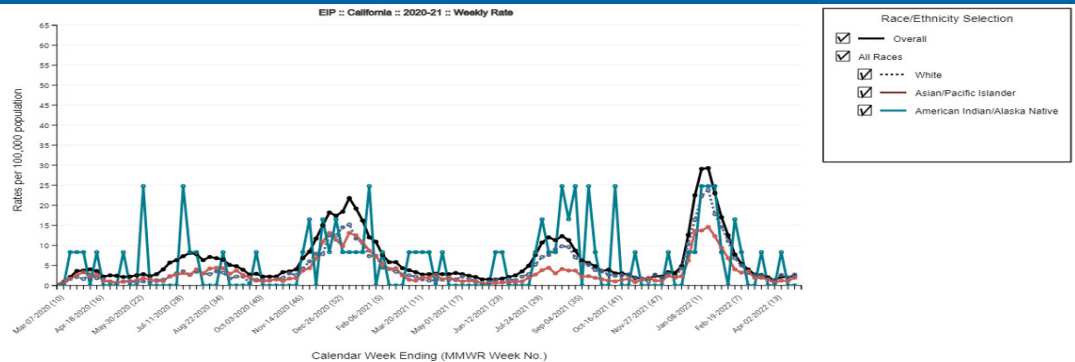


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RATES OF COVID-19-ASSOCIATED HOSPITALIZATION BY RACE/ETHNICITY, CA.

For the week ending on 4/23/22, CDC data shows that AIAN statewide had a COVID-19 hospitalization rate of 0.0 per 100,000 population, which is lower when compared to Whites (2.7 per 100,000).



COVID-19 CASES BY INDIAN HEALTH SERVICES AREA

	NEGATIVE CASES	POSITIVE CASES	TESTED
ALASKA	859,224	48,568	1,039,939
ALBUQUERQUE	111,252	13,590	145,518
BEMIDJI	266,720	28,743	296,455
BILLINGS	134,223	13,237	151,951
CALIFORNIA	147,478	19,731	174,705
GREAT PLAINS	218,446	25,601	246,157
NASHVILLE	138,414	16,749	160,136
NAVAJO	345,978	67,302	480,358
OKLAHOMA CITY	869,969	157,546	1,038,243
PHOENIX	248,183	43,337	294,156
PORTLAND	207,319	18,806	227,031
TUCSON	67,454	8,632	76,356

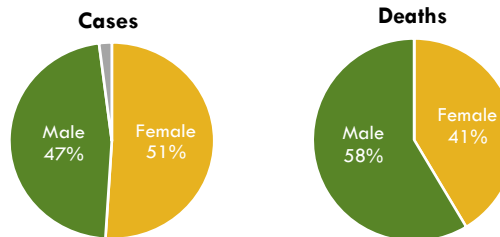
*as of 5/3/2022

CALIFORNIA

As of May 2, 2022, there were a total of 8,605,663 positive cases and 89,582 deaths in California.

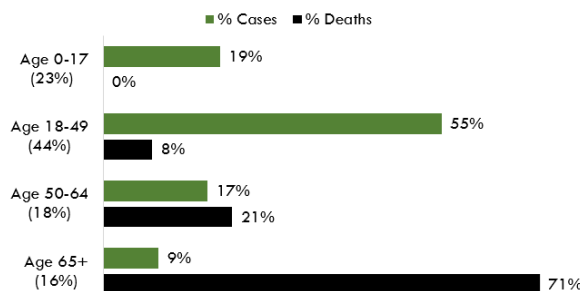
Confirmed positive cases by gender:

- Female: 4,402,148
- Male: 4,056,882
- Unknown: 172,633



Confirmed positive cases by age:

- Age 0-17: 1,640,016
- Age 18-49: 4,747,415
- Age 50-64: 1,467,383
- Age 65 and older: 776,850





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

WEEKLY NEW CASES

111.1 PER 100K

COVID-19 NOT CONTAINED AND WEEKLY NEW CASES ARE AT LOW LEVELS

INFECTION RATE

1.24

COVID-19 IS STILL SPREADING AT LOW LEVELS

POSITIVE TEST RATE

2.9%

INDICATES LOW TESTING POSITIVITY

ADMISSIONS

2.9% PER 100K

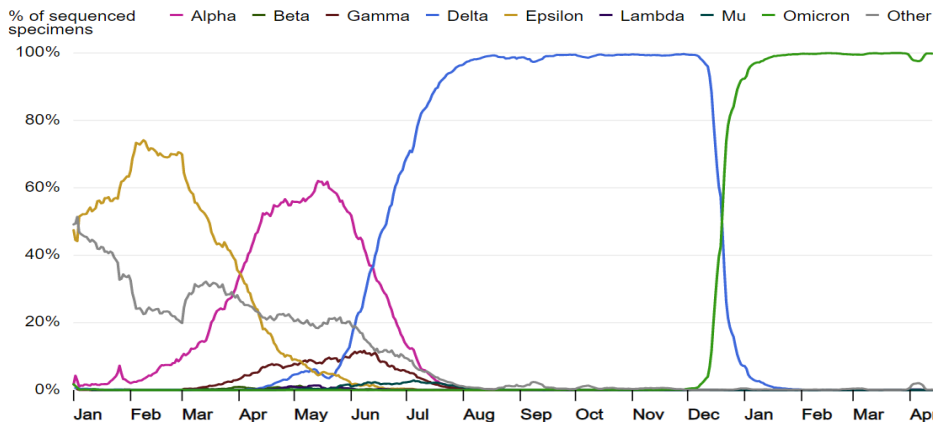
WEEKLY HOSPITAL ADMISSIONS

Lab tests reported statewide: 161,974,178 7-day test positivity rate: 3.2%

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 April 27, 2022, there have been 556,871 samples sequenced in California. In March 2022 16% of 77,238 cases in California had been sequenced, and this percent is expected to increase in coming weeks as more sequence data becomes available. In February 2022 15% of 323,983 cases in California had been 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.



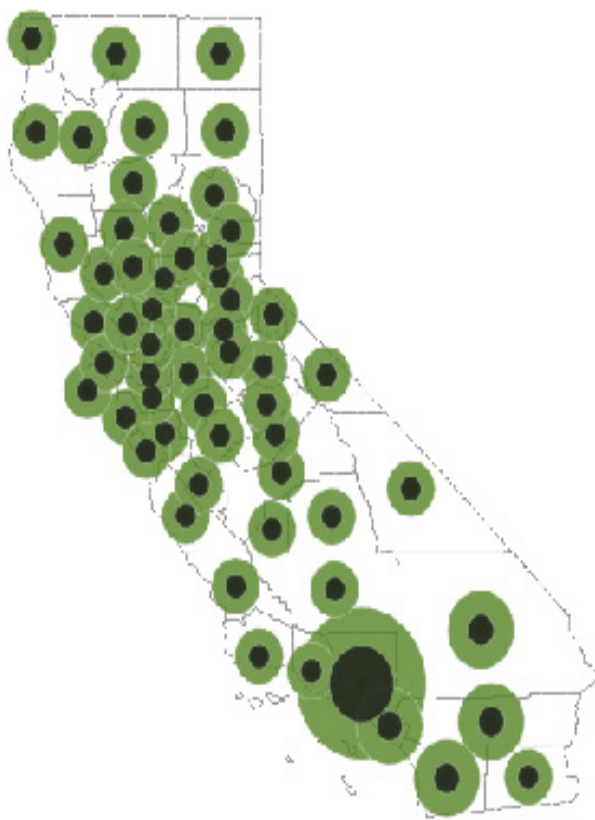
Week Ending	Alpha	Beta	Gamma	Delta	Epsilon	Lambda	Mu	Omicron
4/6/2022	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	97.6%
4/13/2022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.8%

INDIAN HEALTH SERVICE CALIFORNIA AREA

174,705 Tribal or Urban Indian Health Program patients in the California Area have been tested for COVID-19 as of 5/3/2022.

Of these, 19,731 patients have tested positive for COVID-19 and 147,478 have tested negative for COVID-19. The 7-day rolling average positivity rate is 6.1%.

CONFIRMED CASES AND DEATHS BY COUNTY, CALIFORNIA



Counties with most reported cases

Los Angeles	2,744,894
San Diego	763,453
Riverside	594,981
San Bernardino	569,570
Orange	553,177

Counties with most reported deaths

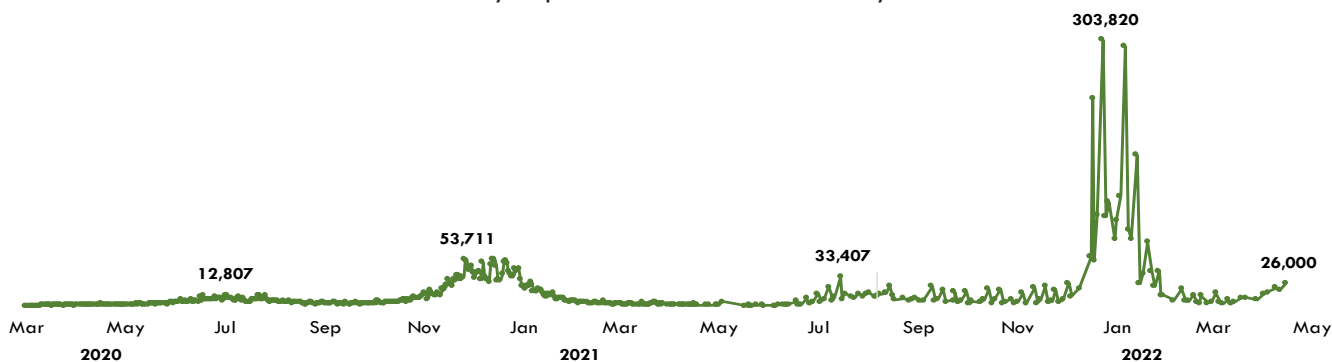
Los Angeles	31,722
San Bernardino	7,240
Orange	7,006
Riverside	6,457
San Diego	5,239

As of 5/3/2022. Source: CDPH

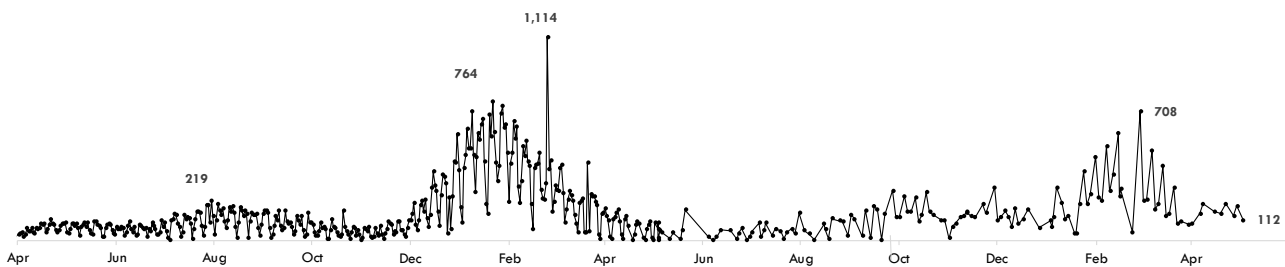
8,631,663 Cases
in California

89,694 Deaths
in California

Newly Reported Cases in California by Date



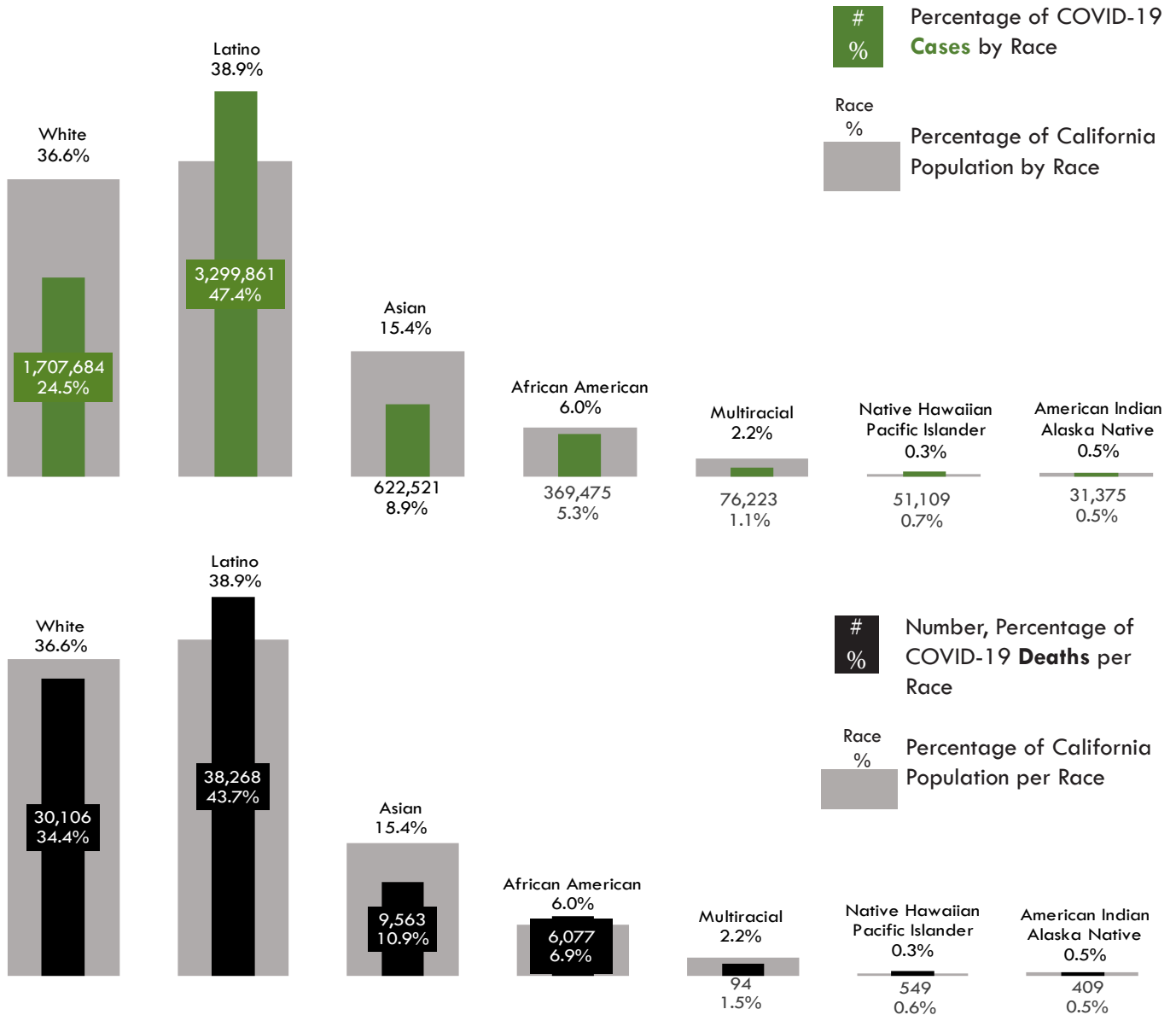
Newly Reported Deaths in California by Date



As of 5/3/2022. Source: CDPH

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

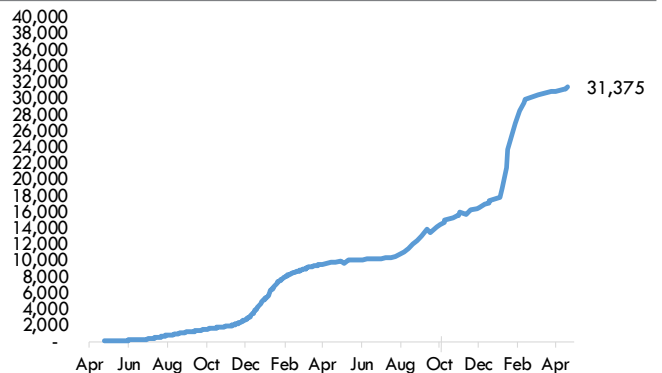
American Indians and Alaska Natives account for 0.5% percent of the population, **0.5% of COVID-19 cases**, and **0.5% of deaths** in California. This includes a total of **31,375 cases** and **409 deaths** among American Indian and Alaska Native people in California.



Note: 10% of cases and 1% of deaths are of unknown race/ethnicity. As of 4/29/2022. Source: CDPH

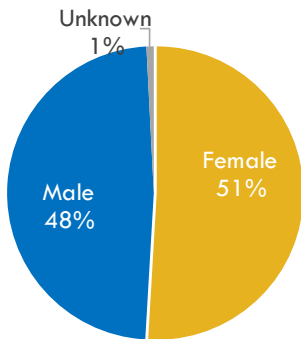
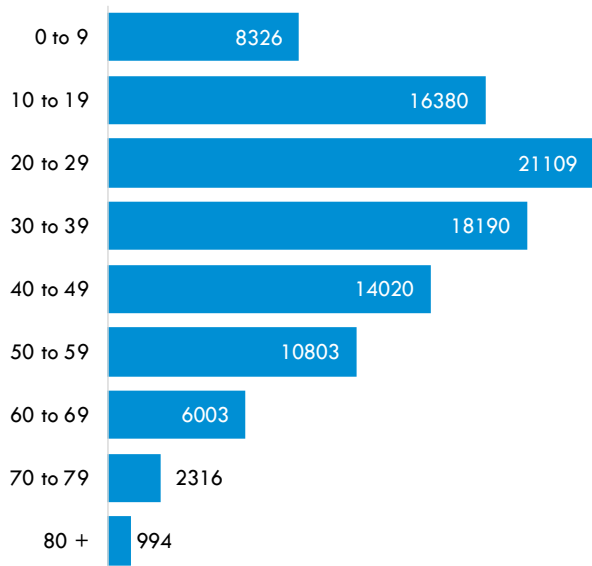
Data from California Department of Public Health (CDPH) include all positive cases of AIAN diagnosed in California.

As of 4/29/2022. Source: CDPH

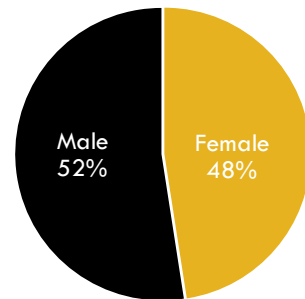
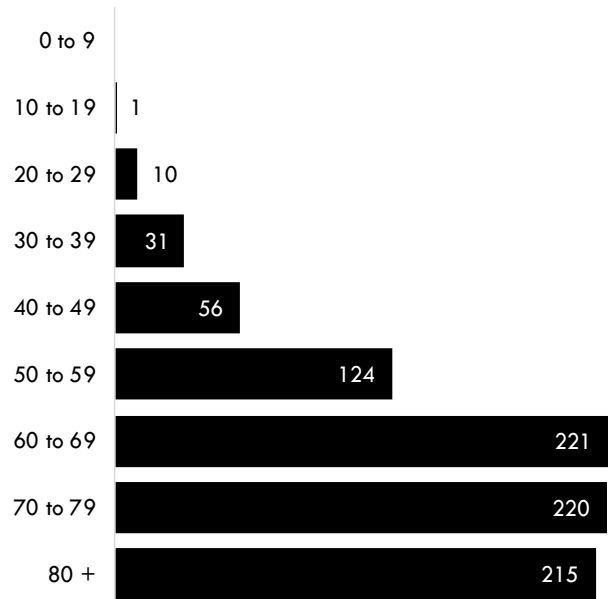


American Indian and Alaska Native (AIAN) data reported by California to the Centers for Disease Control and Prevention (CDC)

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	29,581	421
AIAN in combination	98,141	878

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.

75,238,171

Doses administered

3,377,812

People partially vaccinated

28,422,378

People fully vaccinated



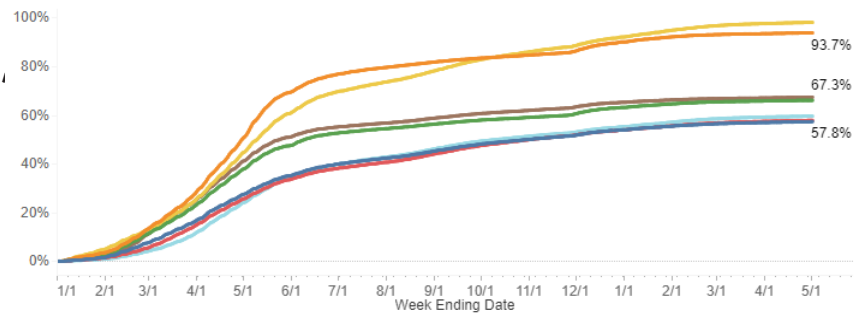
Doses administered by county of residence

Los Angeles	19,257,012
San Diego	7,180,257
Orange	6,091,607
Santa Clara	4,508,610
Alameda	3,683,100

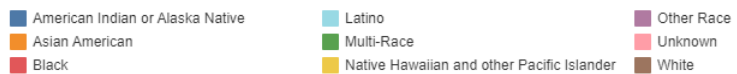
As of 5/3/2022. Source: CDPH

Fully Vaccinated by Race/Ethnicity, California

The graph to the right shows that as of May 3, 2022, 57.3% of the eligible AIAN population statewide has been fully vaccinated (vs. 67.3% 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.



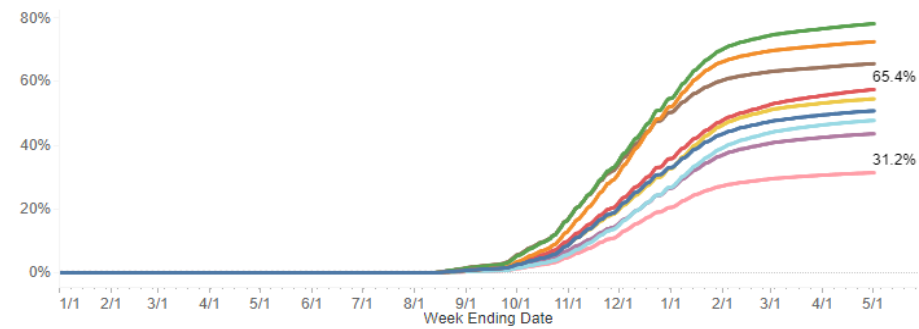
Vaccination Progress by Race/Ethnicity, California.

Race	Fully Vaccinated	Partially Vaccinated	Unvaccinated	Eligible Population
AIAN [^]	93,739 (57.3%)	15,505 (9.5%)	54,480 (33.3%)	163,724
Asian	4,657,067 (93.7%)	396,583 (8.0%)	*NA	4,968,603
Black	1,253,326 (57.8%)	126,364 (5.8%)	789,635 (36.4%)	2,169,325
Latino	8,794,816 (59.5%)	1,171,575 (7.9%)	4,812,918 (32.6%)	14,779,309
Native Hawaiian/ Pacific Islander	134,062 (98.0%)	14,640 (10.7%)	Unknown	136,761
White	9,733,436 (67.3%)	843,166 (5.8%)	3,891,060 (26.9%)	14,467,662
Multi-Race	665,739 (66.0%)	23,989 (2.4%)	318,564 (31.6%)	1,008,292
Other*	2,084,497	390,054	N/A	N/A
Unknown*	1,005,694	395,936	N/A	N/A

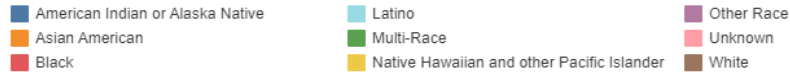
*Percentage of vaccinations not available.

[^]Does not include doses administered by IHS

Booster vaccination progress over time by race/ethnicity, California

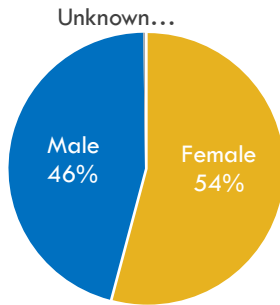


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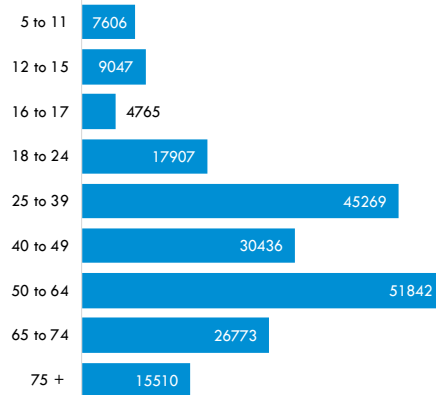
*As of 5/3/2022. Source: CDPH

COVID-19 Vaccine Distribution among AIAN in California by Gender



*As of 4/22/2022. 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	197,390	185,971
Bemidji	239,820	174,830
Billings	130,930	79,217
California	351,530	220,776
Great Plains	242,330	161,660
Nashville	158,640	109,241
Navajo	437,480	382,597
Oklahoma City	682,465	512,458
Phoenix	331,505	243,947
Portland	161,950	107,391
Tucson	16,590	12,238

*As of 5/3/2022. Source: IHS

American Indian and Alaska Native (AIAN) COVID-19 cases reported by local public health departments in selected California counties

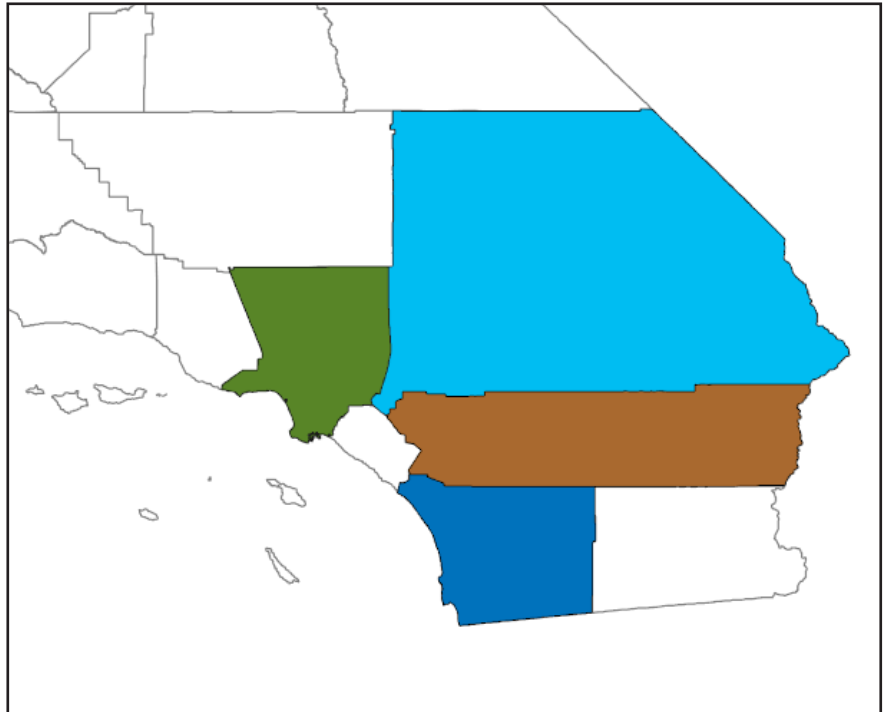
Los Angeles County*	
AIAN Cases	5,012
AIAN Deaths	73
AIAN Tested	20,393

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

San Bernardino County	
AIAN Cases	7,132
AIAN Deaths	49

San Diego County	
AIAN Cases	2,959
AIAN Deaths	21
AIAN Tested	16,438

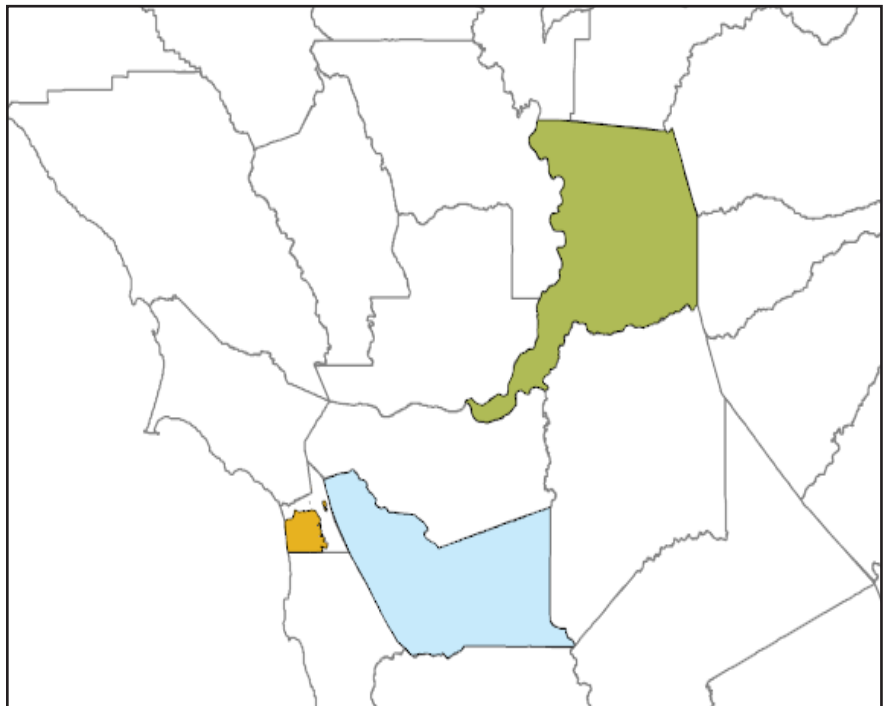
Riverside County	
AIAN Cases	2,593
AIAN Deaths	37



Sacramento County	
AIAN Cases	1,273
AIAN Deaths	19

San Francisco County	
AIAN Cases	313
AIAN Deaths	0

Alameda County	
AIAN Cases	834
AIAN Deaths	na



As of 5/3/2022. 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.