



CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #460 AUGUST 16, 2022



HIGHLIGHTS

As of August 15, the World Health Organization reports that global COVID-19 cases have surpassed 588.7 million with more than 6.4 million deaths, and in the United States the total number of cases stands at 91,719,079 with deaths at 1,026,757.

Today, the Biden Administration is laying out key supports and guidance for protecting students, teachers, and school communities this upcoming school year, and mitigating the risks of COVID-19 spread. This includes making an abundance of federal resources available to schools to implement these strategies. Click [HERE](#) to read more.

The California Department of Public Health (CDPH) released guidance for K–12 schools to support safe in-person learning during the 2022–2023 school year. Click [HERE](#) to read more.

UNITED STATES

COVID-19: U.S. at a Glance* (as of 8/15/2022)

- Total cases: 92,725,512
- Total deaths: 1,032,215
- 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:

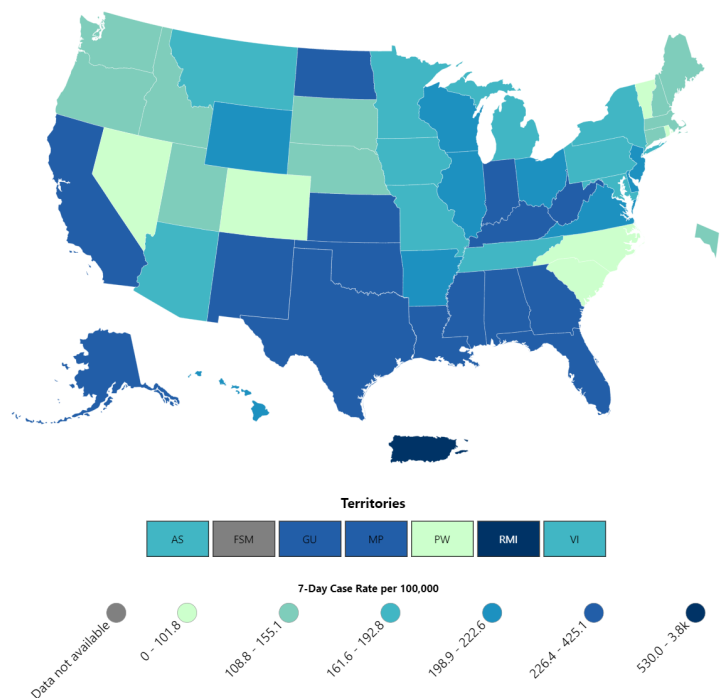
- meeting clinical criteria AND epidemiologic evidence with no confirmatory laboratory testing performed for COVID-19; or ii) meeting presumptive laboratory evidence AND either clinical criteria OR epidemiologic evidence; or iii) meeting vital records criteria with no confirmatory laboratory testing 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 8/15/2022)

- Total tests reported: 945,531,430
- Positive tests reported: 89,285,909
- Percent of positive tests (7 - day): 16.5%

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



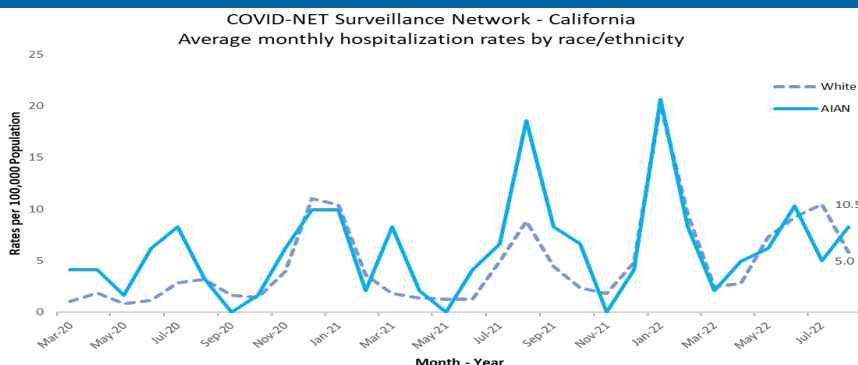


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RATES OF COVID-19-ASSOCIATED HOSPITALIZATION BY RACE/ETHNICITY, CA

As of 8/6/2022, CDC data shows that American Indian Alaska Native (AIAN) statewide has an average monthly COVID-19 hospitalization rate of 10.5 per 100,000 population, which is now higher when compared to Whites (5.0 per 100,000).



COVID-19 CASES BY INDIAN HEALTH SERVICES AREA

| | Negative Cases | Positive Cases | Tested |
|---------------|----------------|----------------|-----------|
| ALASKA | 896,538 | 54,193 | 1,094,472 |
| ALBUQUERQUE | 119,902 | 14,870 | 155,375 |
| BEMIDJI | 278,409 | 31,520 | 311,441 |
| BILLINGS | 139,076 | 13,934 | 157,921 |
| CALIFORNIA | 155,824 | 21,564 | 185,039 |
| GREAT PLAINS | 230,493 | 27,153 | 259,753 |
| NASHVILLE | 154,574 | 19,828 | 184,414 |
| NAVAJO | 382,486 | 79,081 | 532,649 |
| OKLAHOMA CITY | 949,795 | 174,381 | 1,134,946 |
| PHOENIX | 264,970 | 48,349 | 315,980 |
| PORTLAND | 220,205 | 20,830 | 241,607 |
| TUCSON | 72,227 | 9,229 | 81,725 |

7 – day average testing positivity: 18.6%

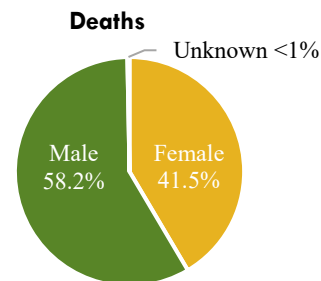
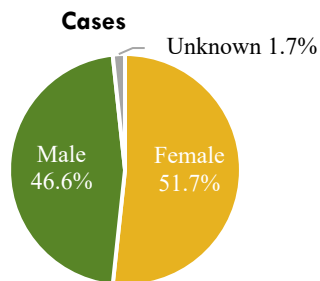
As of 8/14/2022 Source: IHS

CALIFORNIA

The California Department of Public Health (CDPH) reports a total of 10,146,137 positive cases and 93,517 deaths.

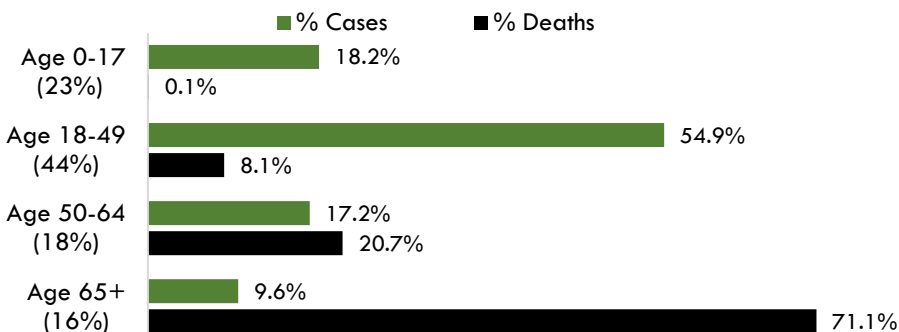
Confirmed positive cases by gender:

- Female: 5,235,407
- Male: 4,738,246
- Unknown: 172,484



Confirmed positive cases by age:

- Age 0-17: 1,846,597
- Age 18-49: 5,570,229
- Age 50-64: 1,745,136
- Age 65 and older: 974,029
- Unknown: 10,146



As of 8/15/2022 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: **HIGH**

Weekly New Cases

229.3 Per 100K

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

Patients

6.9%

Patients with COVID-19 in hospital beds

Admissions

10.9 Per 100K

Weekly hospital admissions are at medium levels

California Department of Public Health (CDPH) Testing Statistics

Lab tests reported statewide: 181,287,977

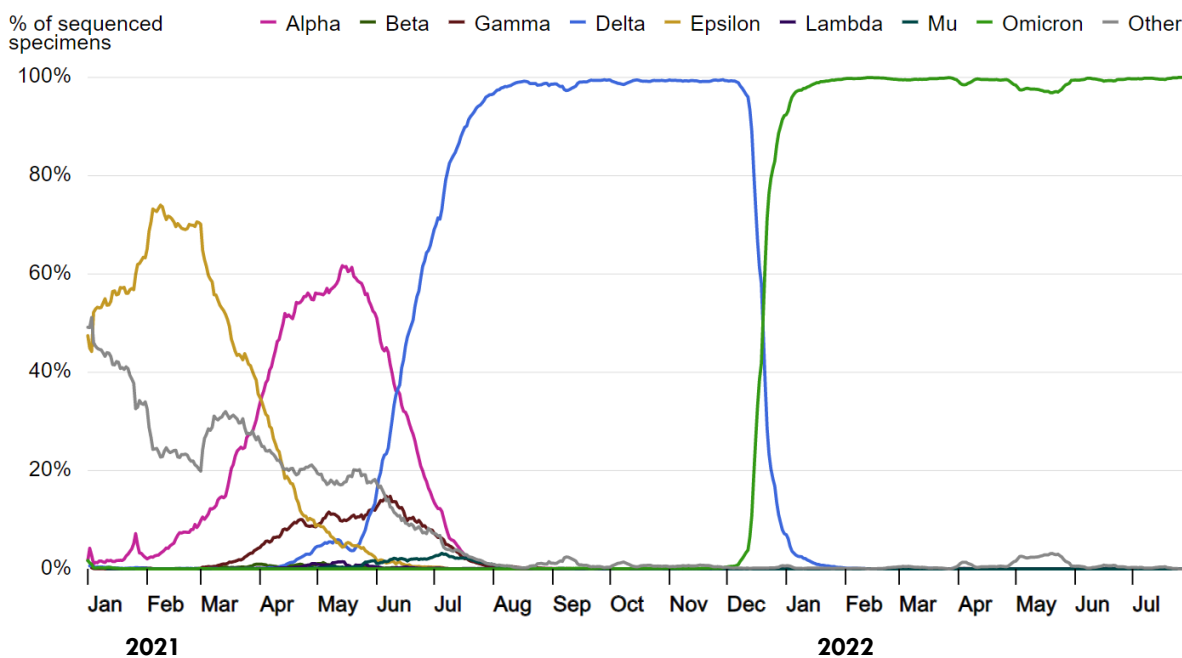
7-day test positivity rate: 11.4%

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

As of 8/15/2022 Source: COVID ACT Now & CDPH

COVID-19 VARIANTS OF CONCERN, CALIFORNIA

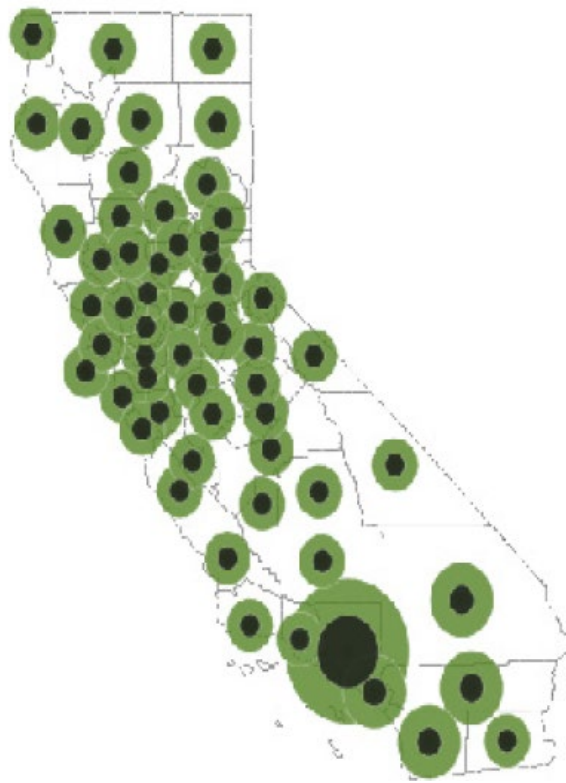
As of August 10, 2022, there have been 694,783 samples sequenced in California. In June 2022, 6% of 476,473 cases in California were sequenced, and this percent is expected to increase in coming weeks as more sequence data becomes available. In May 2022, 9% of 365,358 cases were sequenced, and in April 2022, 16% of 124,588 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 |
|-------------|-------|------|-------|-------|---------|--------|------|-------|---------|
| 7/20/2022 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.7% | 99.3% |
| 7/27/2022 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |

As of 7/27/2022 Source: CDPH

CONFIRMED CASES AND DEATHS BY COUNTY, CALIFORNIA



Counties with most reported cases

| | |
|----------------|-----------|
| Los Angeles | 3,190,808 |
| San Diego | 901,794 |
| Riverside | 677,437 |
| Orange | 650,827 |
| San Bernardino | 646,584 |

Counties with most reported deaths

| | |
|----------------|--------|
| Los Angeles | 32,701 |
| San Bernardino | 7,999 |
| Orange | 7,266 |
| Riverside | 6,562 |
| San Diego | 5,442 |

As of 8/15/2022 Source: CDPH

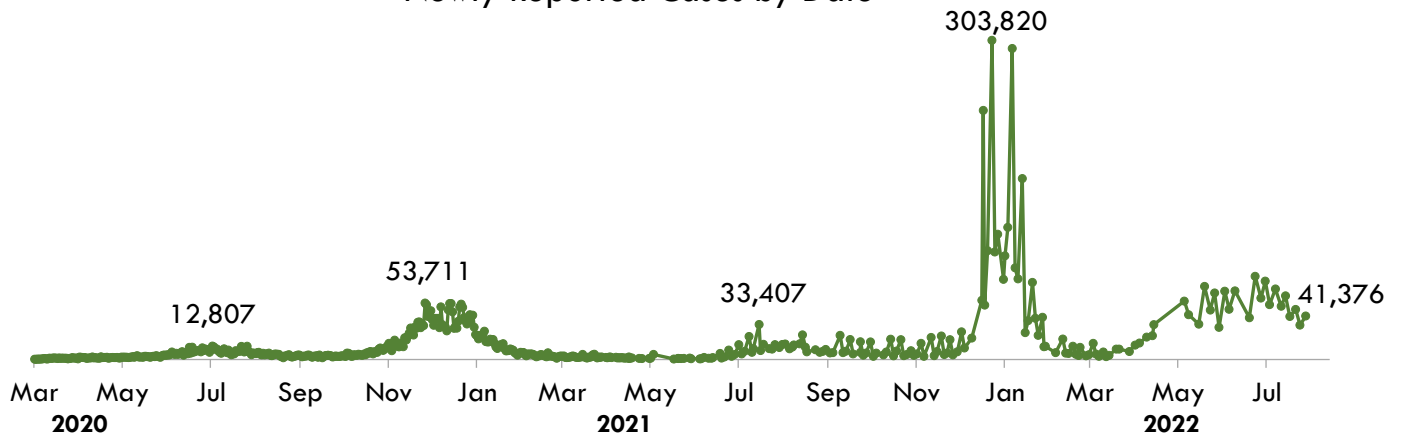
10,146,137

Cases

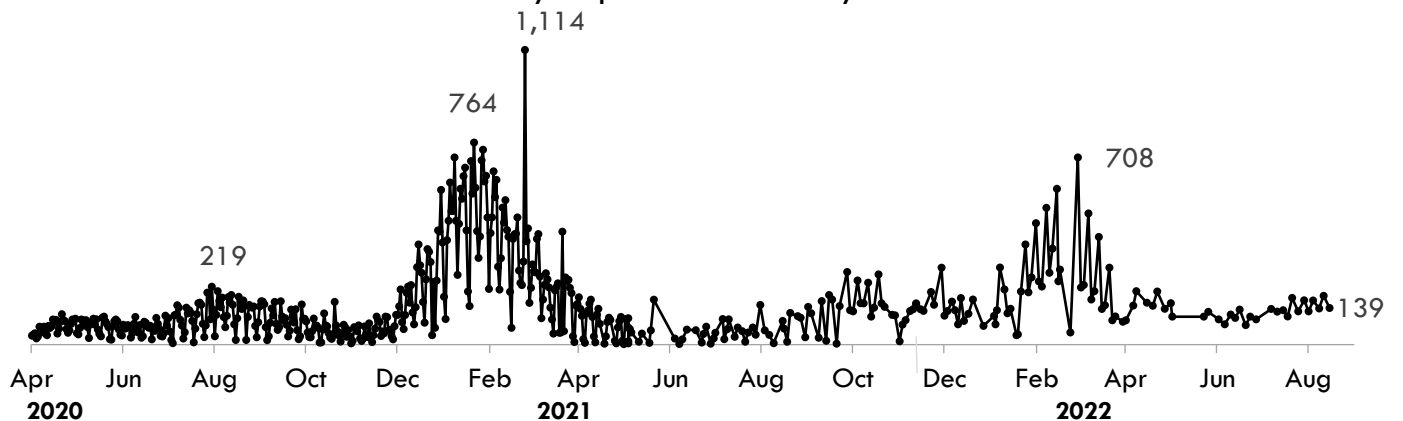
93,517

Deaths

Newly Reported Cases by Date



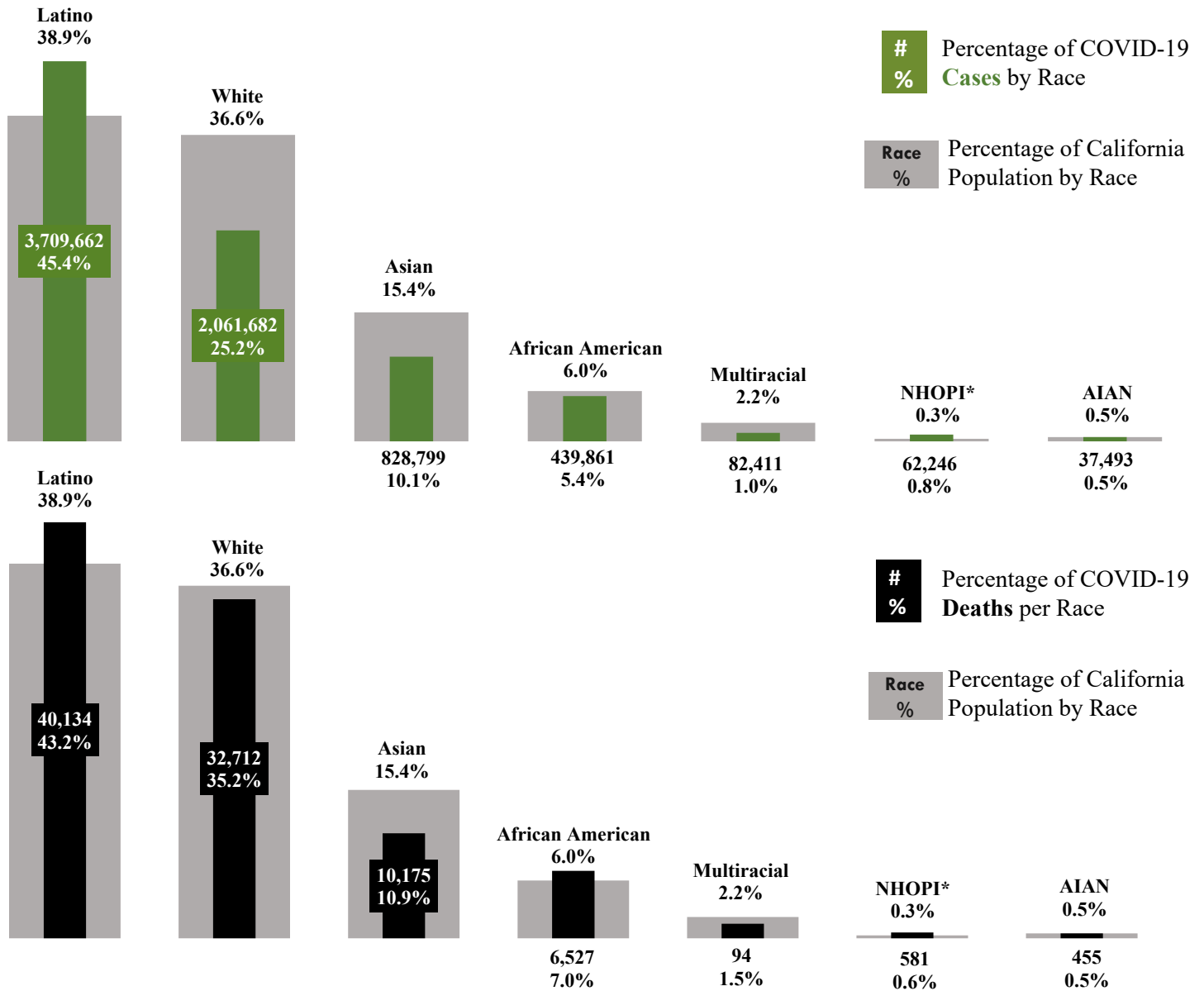
Newly Reported Deaths by Date



As of 8/15/2022 Source: CDPH

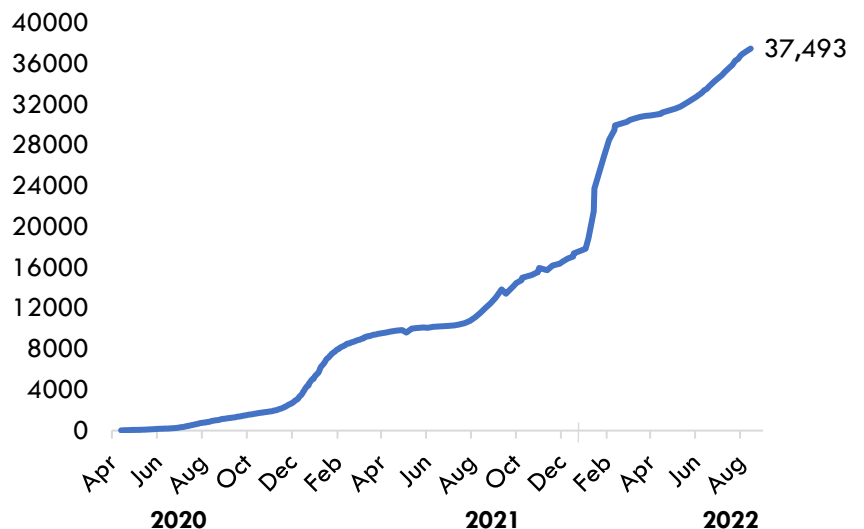
Racial distribution of confirmed COVID-19 cases and deaths in California

AIAN account for 0.5% percent of the population, 0.5% of COVID-19 **cases** and **deaths** which includes a total of **37,493 cases** and **455 deaths**.



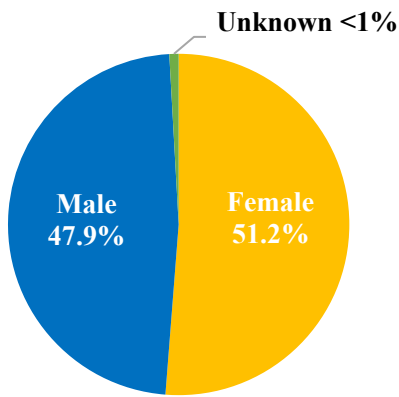
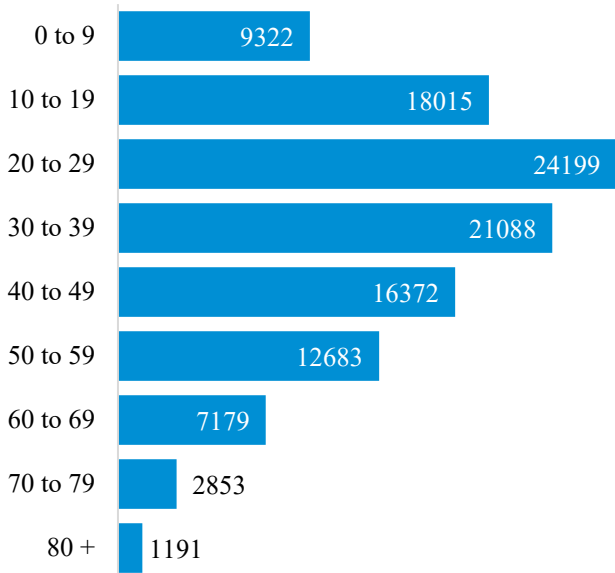
* NHOPI refers to the Native Hawaiian and other Pacific Islander race category.
 Note: 19% of cases and 1% of deaths are of unknown race/ethnicity.

Total number of AIAN positive cases diagnosed in California.

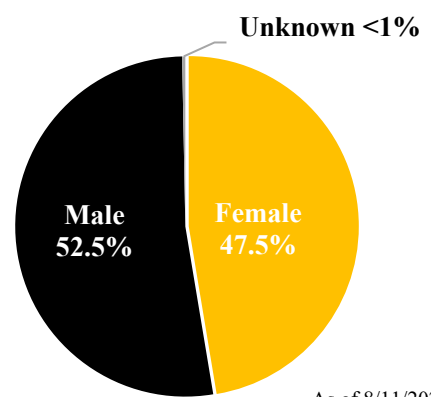
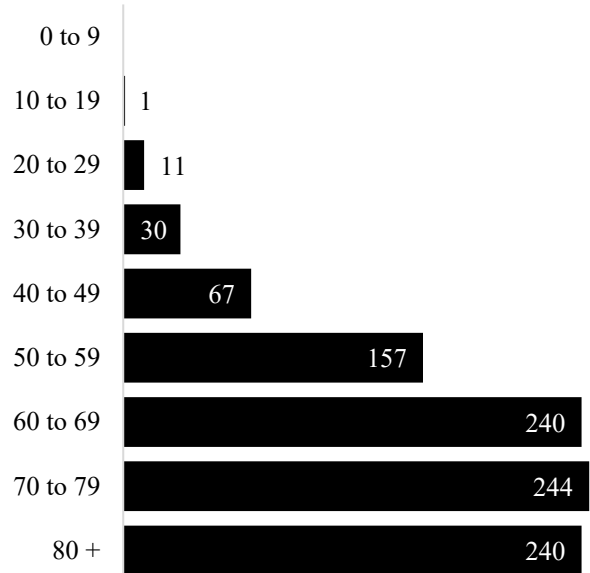


AIAN data reported by California to the CDC

COVID-19 cases by age group and gender



COVID-19 deaths by age group and gender



As of 8/11/2022 Source: CDC

CDPH 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 | 34,852 | 478 |
| AIAN in combination | 112,902 | 987 |

As of 8/11/2022 Source: CDC

Two sources for tracking AIAN vaccinations administered in California

79,191,867
Doses administered

3,240,728
People partially vaccinated

28,700,995
People fully vaccinated



Doses administered by county of residence

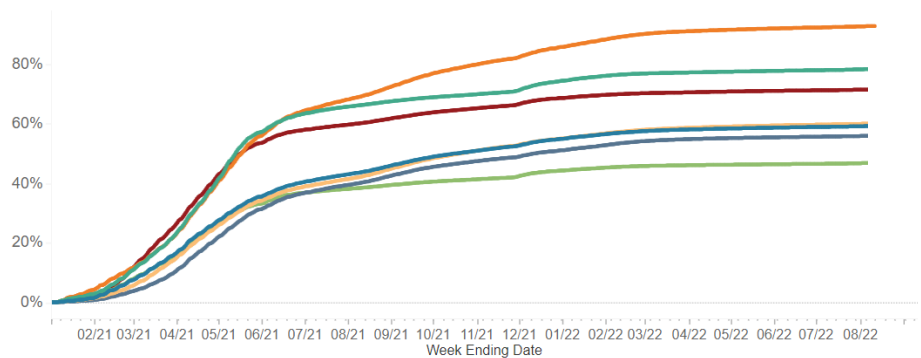
| | |
|-------------|------------|
| Los Angeles | 20,345,730 |
| San Diego | 6,968,781 |
| Orange | 6,432,487 |
| Santa Clara | 4,801,454 |
| Alameda | 3,954,321 |

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

As of 8/11/2022 Source: CDPH

Fully Vaccinated by Race/Ethnicity, California

The graph to the right shows that as of August 11, 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, California

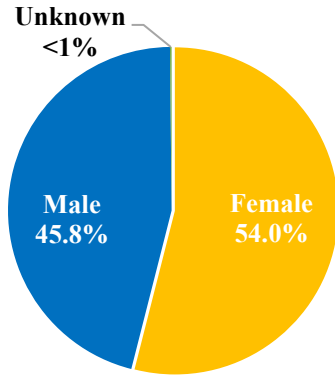
| Race | Fully Vaccinated | Partially Vaccinated | Unvaccinated | Eligible Population |
|-------------------|-------------------|----------------------|-------------------|---------------------|
| AIAN [^] | 92,733 (59.1%) | 14,587 (9.3%) | 49,598 (31.6%) | 156,918 |
| Asian* | 4,719,857 (78.2%) | 406,084 (6.7%) | 907,507 (15.0%) | 6,033,448 |
| Black | 1,281,909 (59.9%) | 123,451 (5.8%) | 733,852 (34.3%) | 2,139,212 |
| Latino | 8,858,257 (55.8%) | 1,127,963 (7.1%) | 5,881,138 (37.1%) | 15,867,358 |
| NHOPI* | 128,759 (92.6%) | 13,955 (10.0%) | N/A | 139,020 |
| White | 9,970,005 (71.4%) | 780,510 (5.6%) | 3,221,034 (23.1%) | 13,971,549 |
| Multi-Race | 768,722 (46.7%) | 29,588 (1.8%) | 847,454 (51.5%) | 1,645,764 |
| Other | 1,996,317 | 371,236 | N/A | N/A |
| Unknown | 879,599 | 373,129 | 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

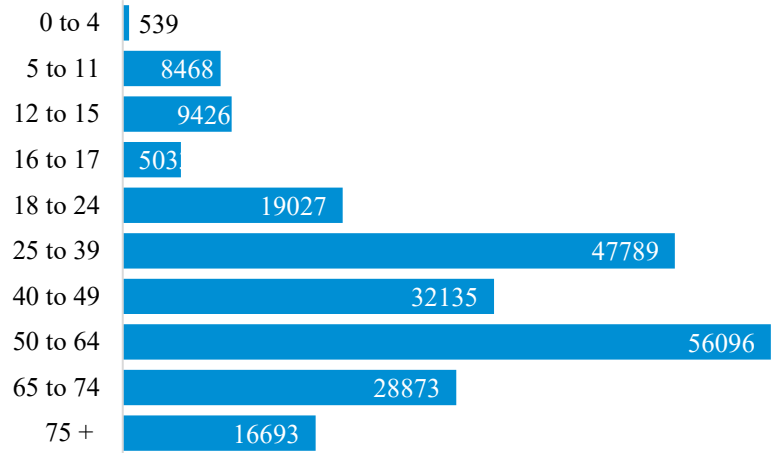
Vaccination distribution by gender and age, California

COVID-19 Vaccine Distribution among AIAN in California by Gender



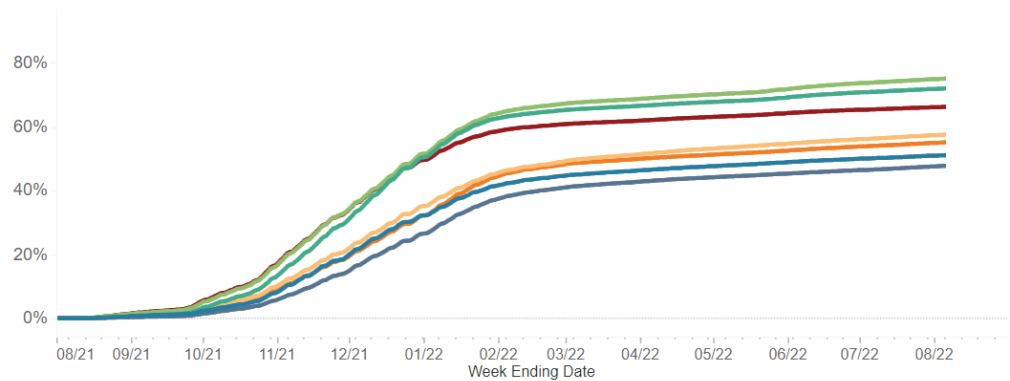
As of 8/11/2022 Source: CDC

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 11, 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 8/11/2022 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 | 218,390 | 190,859 |
| Bemidji | 263,920 | 179,071 |
| Billings | 147,130 | 82,473 |
| California | 392,530 | 228,007 |
| Great Plains | 279,830 | 171,147 |
| Nashville | 171,340 | 112,111 |
| Navajo | 492,580 | 399,243 |
| Oklahoma City | 731,165 | 519,944 |
| Phoenix | 370,605 | 253,693 |
| Portland | 176,350 | 109,821 |
| Tucson | 17,890 | 12,962 |

As of 8/7/2022 Source: IHS

AIAN COVID-19 cases reported by local public health departments in selected California counties

| Los Angeles County* | |
|---------------------|--------|
| AIAN Cases | 5,960 |
| AIAN Deaths | 73 |
| AIAN Tested | 21,351 |

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

| San Bernardino County | |
|-----------------------|-------|
| AIAN Cases | 8,131 |
| AIAN Deaths | 64 |

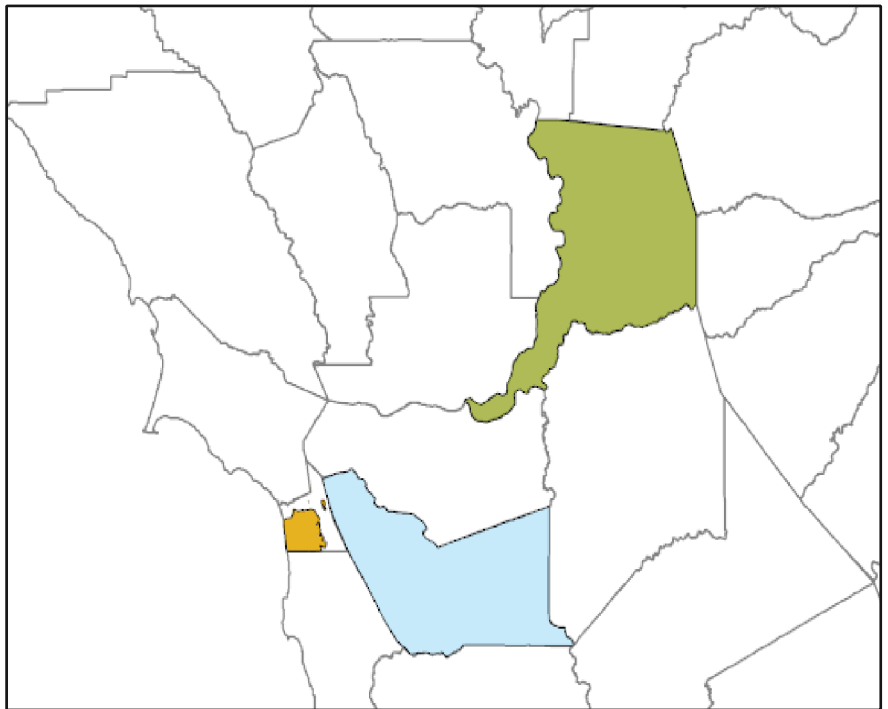
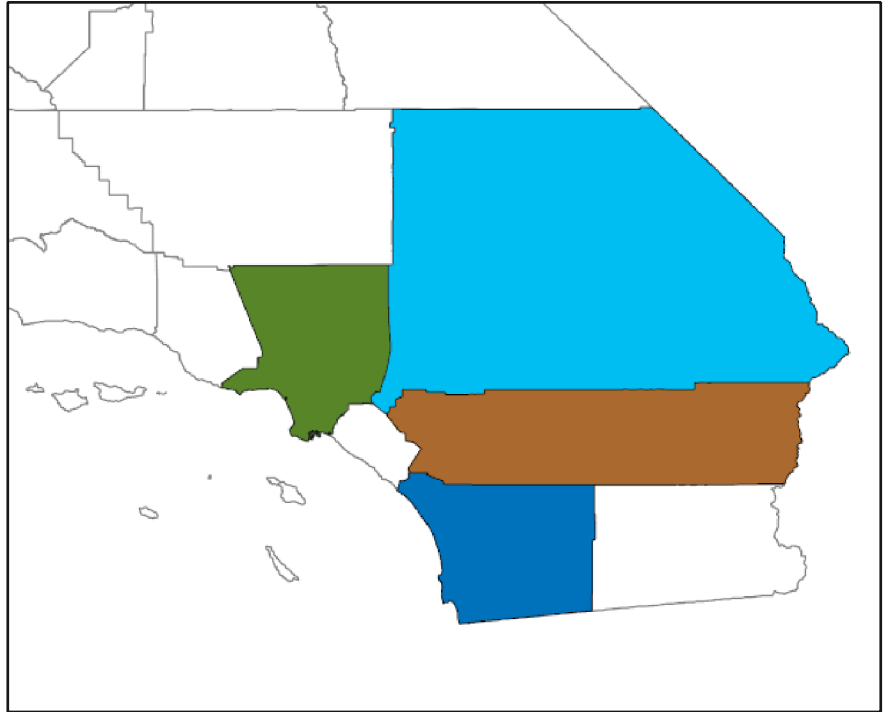
| San Diego County | |
|------------------|--------|
| AIAN Cases | 3,527 |
| AIAN Deaths | 27 |
| AIAN Tested | 16,438 |

| Riverside County | |
|------------------|-------|
| AIAN Cases | 2,931 |
| AIAN Deaths | 38 |

| Sacramento County | |
|-------------------|-------|
| AIAN Cases | 1,457 |
| AIAN Deaths | 21 |

| San Francisco County | |
|----------------------|-----|
| AIAN Cases | 405 |
| AIAN Deaths | 0 |

| Alameda County | |
|----------------|-------|
| AIAN Cases | 1,009 |
| AIAN Deaths | N/A |



As of 8/15/2022. 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.