

CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #333 AUGUST 25, 2021



DAILY HIGHLIGHTS

Globally, COVID-19 cases have surpassed 213 million with more than 4.4 million deaths.

In the United States as of August 24, the total number of cases stands at 37,996,672 and deaths at 628,000.

During December 14, 2020–April 10, 2021, data from the HEROES-RECOVER Cohorts,* a network of prospective cohorts among frontline workers, showed that the Pfizer-BioNTech and Moderna mRNA COVID-19 vaccines were approximately 90% effective in preventing symptomatic and asymptomatic infection with SARS-CoV-2, the virus that causes COVID-19, in real-world conditions. The study conducted updates vaccine effectiveness (VE) estimates including all COVID-19 vaccines available through August 14, 2021, and examines whether VE differs for adults with increasing time since completion of all recommended vaccine doses. The VE point estimates declined from 91% before predominance of the SARS-CoV-2 Delta variant to 66% since the SARS-CoV-2 Delta variant became predominant; however, this trend should be interpreted with caution because VE might also be declining as time since vaccination increases and because of poor precision in estimates due to limited number of weeks of observation and few infections among participants. View the results of this CDC study HERE.

The U.S. Food and Drug Administration approved the first COVID-19 vaccine. The vaccine has been known as the Pfizer-BioNTech COVID-19 Vaccine, and will now be marketed as Comirnaty (koe-mir'-na-tee), for the prevention of COVID-19 disease in individuals 16 years of age and older. Read the full press release HERE.

While booster shots are not yet available for everyone, those with certain health conditions can get a third shot of the Moderna or Pfizer vaccine. You can now schedule this through My Turn **HERE**.

UNITED STATES

COVID-19: U.S. at a Glance* (as of 8/24/21)

- Total cases: 37,996,672
- Total deaths: 628,000
- 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.

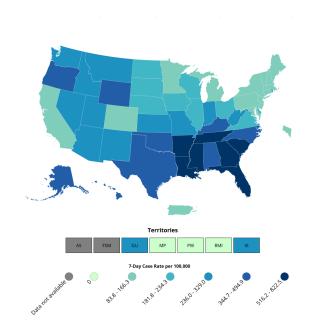
A confirmed case or death is defined by meeting confirmatory laboratory evidence for COVID-19.

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

- Total tests reported: 513,282,355
- Positive tests reported: 39,424,215
- Percent of positive tests (7-day): 9.6%



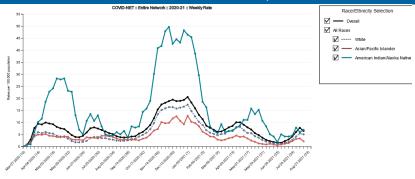


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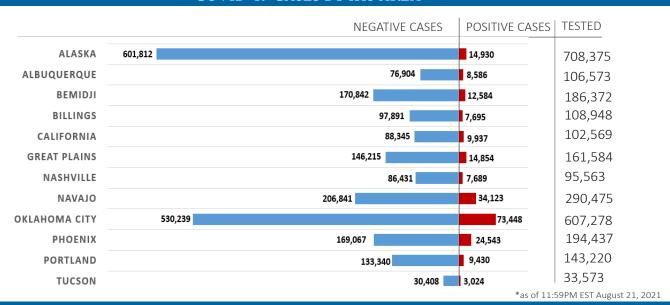


RATES FOR COVID-19 HOSPITALIZATION BY RACE/ETHNICITY, U.S.

As of August 14, 2021, the chart to the right shows that the nationwide hospitalization rate from COVID-19 among AIAN is 7.0 per 100,000 population. This is higher compared to Whites (5.1 per 100,000) and overall among all races (6.5 per 100,000).



COVID-19 CASES BY IHS AREA

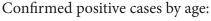


CALIFORNIA

As of August 25, 2021, there were a total of 4,145,550 positive cases and 64,802 deaths in California.

Confirmed positive cases by gender:

Female: 2,114,231Male: 1,989,864Unknown: 41,456

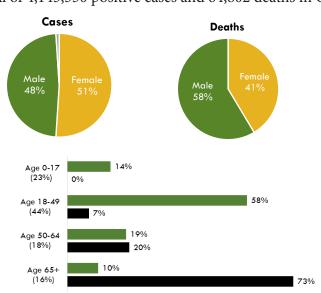


• Age 0-17: 580,377

• Age 18-49: 2,404,419

• Age 50-64: 787,655

• Age 65 and older: 414,555





CORONAVIRUS DISEASE 2019 (COVID-19) SITUATIONAL REPORT #333 AUGUST 25, 2021



California COVID-19 threat level: Very High

DAILY NEW CASES

39.3 PER 100

COVID NOT CONTAINED AND DAILY NEW CASES AT HIGH LEVELS

INFECTION RATE

01.08

COVID IS STILL SPREADING AT MEDIUM LEVELS

POSITIVE TEST RATE

6.3%

INDICATES MEDIUM TESTING

Lab tests reported statewide*: 79,973,561

7-day test positivity rate*: 5.4%

*as of 8/24/21

Numerous public health labs in California are testing for COVID-19 samples. Click <u>HERE</u> to find your nearest testing site.

COVID-19 VARIANTS IN CALIFORNIA

As of August 18, 115,188 samples have been sequenced in California. In August 2021, 3% of cases in California have been sequenced so far. This percent is expected to increase in coming weeks as more data becomes available. In July 2021, 10% of cases in California were sequenced. The table below shows the percent of specimens sequenced that are variants of concern or variants of interest.

| Specimen Collection Month | | Beta | Gamma | Delta | Epsilon | Zeta | Eta | lota | Карра | B.1.617.3 |
|---------------------------------|------|------|-------|-------|---------|------|------|------|-------|-----------|
| 21-Aug | 0.3% | 0.0% | 0.6% | 98.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

*as of 11:59PM EST August 18, 2021

INDIAN HEALTH SERVICE CALIFORNIA AREA

102,569 Tribal or Urban Indian Health Program patients in the California Area have been tested for COVID-19 as of 8/21/2021.

Of these, 9,937 patients have tested positive for COVID-19 and 88,345 have tested negative for COVID-19. The 7-day rolling average positivity rate is 11.7%.

CONFIRMED CASES AND DEATHS BY COUNTY



Counties with most reported cases

| Los Angeles | 1,328,777 |
|----------------|-----------|
| San Diego | 325,823 |
| Riverside | 322,620 |
| San Bernardino | 320,300 |
| Orange | 281,461 |

Counties with most reported deaths

| | Los Angeles | 25,135 |
|--|----------------|--------|
| | San Bernardino | 5,328 |
| | Orange | 5,187 |
| | Riverside | 4,605 |
| | San Diego | 3,851 |

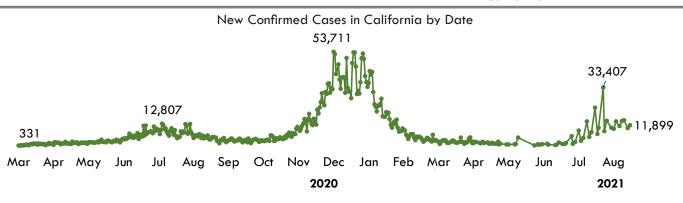
As of 8/25/2021. Source: CDPH

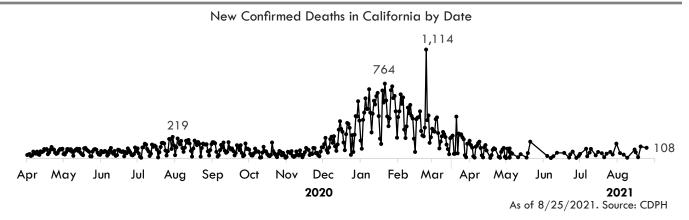
4,145,550 Cases

in California

64,802 Deaths

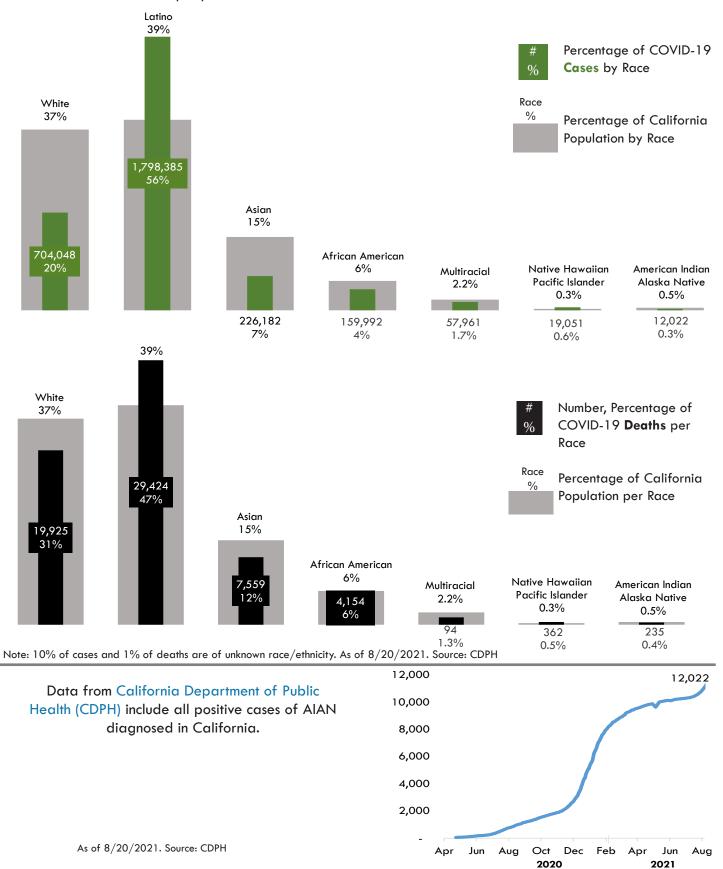
in California



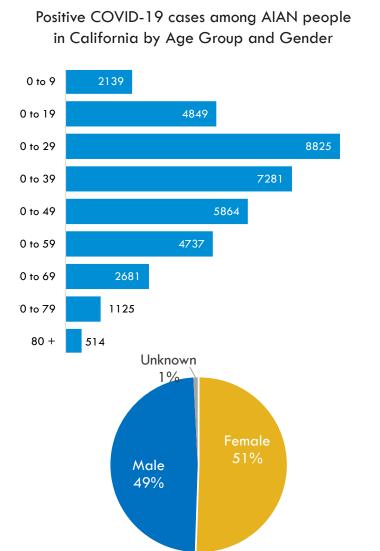


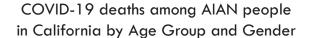
Racial distribution of confirmed COVID-19 cases and deaths in California

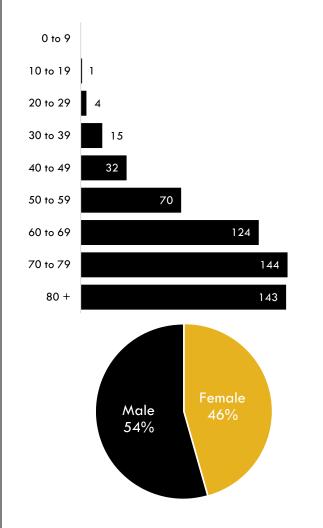
American Indians and Alaska Natives account for 0.5% percent of the population, 0.4% of COVID-19 cases, and 0.4% of deaths in California. This includes a total of 12,022 cases and 235 deaths among American Indian and Alaska Native people in California.



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







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 | 8,500 | 213 |
| AIAN in combination | 38,015 | 533 |

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.

46,269,592

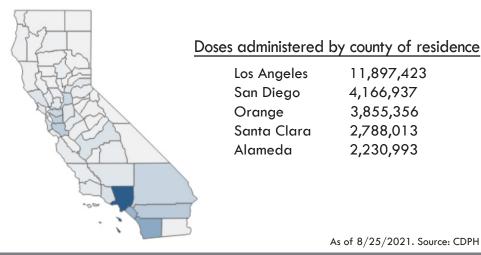
Doses administered

3,511,175

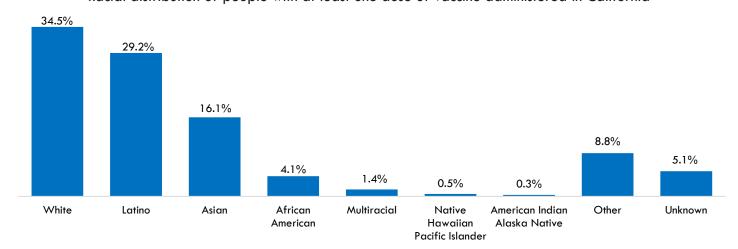
People partially vaccinated

22,273,873

People fully vaccinated



Racial distribution of people with at least one dose of vaccine administered in California



Note: "Other" means those who don't fall under any race or ethnicity. "Unknown" includes those who declined to state or whose race and ethnicity information is missing. As of 8/25/2021. 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 | 133,205 | 137,216 |
| Bemidji | 158,105 | 127,154 |
| Billings | 66,045 | 50,028 |
| California | 227,555 | 160,066 |
| Great Plains | 134,690 | 100,465 |
| Nashville | 96,075 | 75,871 |
| Navajo | 264,385 | 253,743 |
| Oklahoma City | 473,180 | 388,903 |
| Phoenix | 189,900 | 164,546 |
| Portland | 98,585 | 78,537 |
| Tucson | 12,520 | 10,206 |

*As of 8/25/2021. Source: IHS

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

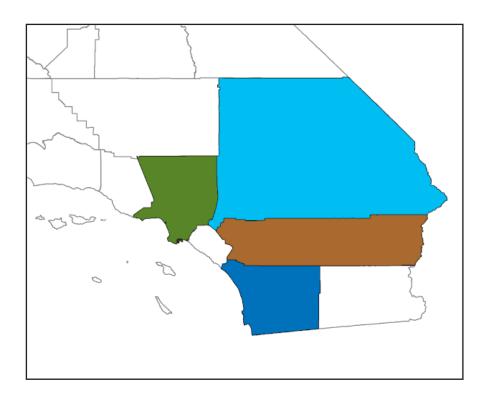
| Los Angeles | County* |
|-------------|---------|
| AIAN Cases | 2,219 |
| AIAN Deaths | 53 |
| AIAN Tested | 10,807 |

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

| San Bernara | lino County |
|-------------|-------------|
| AIAN Cases | 2,792 |
| AIAN Deaths | 31 |

| San Diego County | | | |
|------------------|--------|--|--|
| AIAN Cases | 1,022 | | |
| AIAN Deaths | 13 | | |
| AIAN Tested | 16,438 | | |

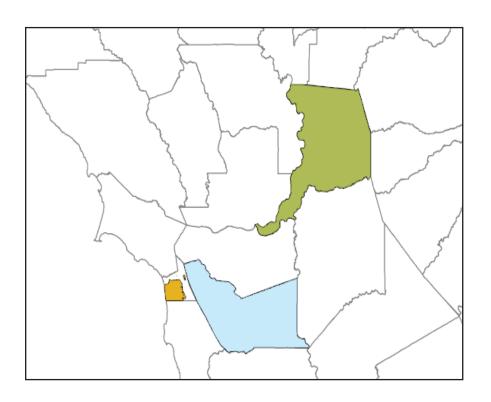
Riverside County AIAN Cases 1,206 AIAN Deaths 25



Sacramento County AIAN Cases 537 AIAN Deaths 13

| San Francisco County | | |
|----------------------|-----|--|
| AIAN Cases | 144 | |
| AIAN Deaths | 0 | |

| Alameda County | | | |
|----------------|-----|--|--|
| AIAN Cases | 248 | | |
| AIAN Deaths | na | | |



As of 8/25/2021. 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.