Globally, COVID-19 cases have surpassed 271.9 million with more than 5.3 million deaths.

In the United States, as of December 19, the total number of cases stands at 50,636,126 and deaths at 802,969.

A month ago, case counts had been rising, to about 90,000 per day on average nationally. For much of December, cases appeared to hover around 120,000, but have recently leaped above 130,000 per day, Johns Hopkins data shows. Compared to a month ago, the pace of new cases nationally is up 41%. Overall, the CDC says about three-quarters of counties have high levels of transmission.

The first data available for Moderna’s COVID-19 vaccine suggests a third booster dose will be effective against omicron. Moderna said early Monday that in a lab study, blood from 20 people who received the 50-microgram Moderna booster had 37 times the number of neutralizing antibodies as compared to blood from the same number of people who only received two shots. A group that received a third shot of the higher, 100-microgram dose saw an 83-fold jump in neutralizing antibodies against omicron. A study released earlier this month by Pfizer and its partner BioNTech showed that a third dose of their COVID-19 vaccine boosted neutralizing antibodies against omicron more than 25-fold.

As of December 15, the California Department of Public Health (CDPH) will require masks to be worn in all indoor public settings irrespective of vaccine status through January 15, 2022. Additionally, CDPH updated requirements for attending mega events, like concerts and sporting events. Prior to attending an event, attendees will now require either proof of vaccination, a negative antigen COVID-19 test within one day of the event, or a negative PCR test within two days of the event. CDPH also issued a new travel advisory effective immediately to recommend that all travelers arriving in California test for COVID-19 within three to five days after arrival, regardless of their vaccination status. Read the press release HERE.

COVID-19: U.S. at a Glance* (as of 12/19/21)

- Total cases: 50,636,126
- Total deaths: 802,969
- 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 12/19/21)

- Total tests reported: 693,401,702
- Positive tests reported: 52,206,292
- Percent of positive tests (7-day): 8.2%
For the week ending on December 11, 2021, the graph to the right shows that the hospitalization rate among AIAN statewide was 8.3 per 100,000 (vs. 1.7 per 100,000 among Whites).

Confirmed positive cases by gender:
- Female: 2,517,085
- Male: 2,369,021
- Unknown: 49,355

Confirmed positive cases by age:
- Age 0-17: 740,320
- Age 18-49: 2,813,213
- Age 50-64: 888,383
- Age 65 and older: 493,546
CORONAVIRUS DISEASE 2019 (COVID-19)  
SITUATIONAL REPORT #380 DECEMBER 20, 2021

Indian Health Service California Area

140,573 Tribal or Urban Indian Health Program patients in the California Area have been tested for COVID-19 as of 12/19/2021.

Of these, 13,581 patients have tested positive for COVID-19 and 121,234 have tested negative for COVID-19. The 7-day rolling average positivity rate is 4.1%.
CONFIRMED CASES AND DEATHS BY COUNTY

Counties with most reported cases
- Los Angeles: 1,495,082
- San Diego: 398,197
- Riverside: 381,305
- San Bernardino: 373,480
- Orange: 319,615

Counties with most reported deaths
- Los Angeles: 27,189
- San Bernardino: 6,023
- Orange: 5,852
- Riverside: 5,452
- San Diego: 4,406

4,935,461 Cases in California
75,167 Deaths in California

New Confirmed Cases in California by Date
- 2020: 53,711
- 2021: 26,273

New Confirmed Deaths in California by Date
- 2020: 1,114
- 2021: 171

As of 12/20/2021. 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 17,081 cases and 332 deaths among American Indian and Alaska Native people in California.

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

Note: 10% of cases and 1% of deaths are of unknown race/ethnicity. As of 12/17/2021. Source: CDPH
American Indian and Alaska Native (AIAN) data reported by California to the Centers for Disease Control and Prevention (CDC)

<table>
<thead>
<tr>
<th>Positive COVID-19 cases among AIAN people in California by Age Group and Gender</th>
<th>COVID-19 deaths among AIAN people in California by Age Group and Gender</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 9</td>
<td>3695</td>
</tr>
<tr>
<td>10 to 19</td>
<td>7449</td>
</tr>
<tr>
<td>20 to 29</td>
<td>11,440</td>
</tr>
<tr>
<td>30 to 39</td>
<td>9,812</td>
</tr>
<tr>
<td>40 to 49</td>
<td>7,688</td>
</tr>
<tr>
<td>50 to 59</td>
<td>6,073</td>
</tr>
<tr>
<td>60 to 69</td>
<td>3,535</td>
</tr>
<tr>
<td>70 to 79</td>
<td>1,412</td>
</tr>
<tr>
<td>80+</td>
<td>658</td>
</tr>
</tbody>
</table>

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).

<table>
<thead>
<tr>
<th></th>
<th>Cases</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIAN alone</td>
<td>15,834</td>
<td>388</td>
</tr>
<tr>
<td>AIAN in combination</td>
<td>51,762</td>
<td>830</td>
</tr>
</tbody>
</table>

As of 12/17/2021. 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.

62,762,797
Doses administered

3,055,332
People partially vaccinated

26,478,495
People fully vaccinated

Doses administered by county of residence

Los Angeles  16,177,639
San Diego    5,610,346
Orange       5,172,338
Santa Clara  3,774,773
Alameda      3,044,546

As of 12/20/2021. Source: CDPH

The graph to the right shows that as of December 15, 2021, 52.8% of the eligible AIAN population statewide has been fully vaccinated (vs. 63.0% among Whites)

Fully Vaccinated by Race/Ethnicity, CA. (Primary Series)

<table>
<thead>
<tr>
<th>Race</th>
<th>Fully Vaccinated</th>
<th>Partially Vaccinated</th>
<th>Unvaccinated</th>
<th>Eligible Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIAN</td>
<td>89,497</td>
<td>15,019</td>
<td>62,208</td>
<td>163,724</td>
</tr>
<tr>
<td>Asian</td>
<td>4,310,388 (86.8%)</td>
<td>362,307 (7.3%)</td>
<td>295,908 (6.0%)</td>
<td>4,968,603</td>
</tr>
<tr>
<td>Black</td>
<td>1,129,971 (52.1%)</td>
<td>123,410 (5.7%)</td>
<td>915,944 (42.2%)</td>
<td>2,169,325</td>
</tr>
<tr>
<td>Latino</td>
<td>7,888,905 (53.4%)</td>
<td>1,044,473 (7.1%)</td>
<td>5,845,931 (39.6%)</td>
<td>14,779,309</td>
</tr>
<tr>
<td>Native Hawaiian/Pacific Islander</td>
<td>129,201 (94.5%)</td>
<td>14,562 (10.6%)</td>
<td>Unknown</td>
<td>136,761</td>
</tr>
<tr>
<td>White</td>
<td>9,144,968 (63.2%)</td>
<td>796,896 (5.5%)</td>
<td>4,525,798 (31.3%)</td>
<td>14,467,662</td>
</tr>
<tr>
<td>Multi-Race</td>
<td>517,052 (51.3%)</td>
<td>26,400 (2.6%)</td>
<td>464,840 (46.1%)</td>
<td>1,008,292</td>
</tr>
<tr>
<td>Other*</td>
<td>2,074,678</td>
<td>361,544</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Unknown*</td>
<td>1,035,321</td>
<td>300,329</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Percentage of vaccinations not available.

As of 12/15/2021. Source: CDPH
The graph above of December 15, 2021, shows that 21,093 have identified as AIAN (vs. 3,632,227 Whites).

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.

<table>
<thead>
<tr>
<th>Area</th>
<th>Total Doses Distributed</th>
<th>Total Doses Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albuquerque</td>
<td>163,475</td>
<td>164,612</td>
</tr>
<tr>
<td>Bemidji</td>
<td>207,535</td>
<td>157,304</td>
</tr>
<tr>
<td>Billings</td>
<td>105,055</td>
<td>68,706</td>
</tr>
<tr>
<td>California</td>
<td>292,335</td>
<td>195,647</td>
</tr>
<tr>
<td>Great Plains</td>
<td>196,460</td>
<td>133,830</td>
</tr>
<tr>
<td>Nashville</td>
<td>135,475</td>
<td>96,780</td>
</tr>
<tr>
<td>Navajo</td>
<td>369,625</td>
<td>331,393</td>
</tr>
<tr>
<td>Oklahoma City</td>
<td>607,030</td>
<td>473,820</td>
</tr>
<tr>
<td>Phoenix</td>
<td>265,030</td>
<td>220,006</td>
</tr>
<tr>
<td>Portland</td>
<td>131,155</td>
<td>97,324</td>
</tr>
<tr>
<td>Tucson</td>
<td>14,990</td>
<td>11,356</td>
</tr>
</tbody>
</table>

*As of 12/13/2021. 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 2,571
AIAN Deaths 59
AIAN Tested 15,568

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

San Bernardino County
AIAN Cases 3,720
AIAN Deaths 41

San Diego County
AIAN Cases 1,400
AIAN Deaths 21
AIAN Tested 16,438

Riverside County
AIAN Cases 1,577
AIAN Deaths 29

Sacramento County
AIAN Cases 729
AIAN Deaths 16

San Francisco County
AIAN Cases 184
AIAN Deaths 0

Alameda County
AIAN Cases 326
AIAN Deaths na

As of 12/20/2021. 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.