

COVID-19 is a contagious respiratory disease caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) pathogen first identified in 2019. COVID-19 causes a range of disease severity from asymptomatic or mild to severe disease requiring hospitalization and even resulting in death. This fact sheet provides COVID-19 data for confirmed cases that occurred between 2020 and 2021 among Sacramento County residents.

Summary

There were 182,752 confirmed COVID-19 cases among County residents between 2020 and 2021.

Trends

Case rates for the County and California are displayed in Figure 1 in 3-month increments. In both years, case rates were largest in the latter half of the year (Jul. to Sep. and Oct. to Dec.) [Figure 1].

Outcomes

Symptoms

Symptom status was determined for 26% of cases. Symptomatic cases made up 21% of cases, and asymptomatic cases made up 5% of cases [data not displayed].

Hospitalization

Hospitalized cases were more likely to be older, White, and male compared to cases who were not hospitalized [Figure 2].

Death

1.4% of cases resulted in death.

Vaccination status

COVID-19 vaccinations were first available for the elderly and individuals working in high-risk settings at the end of 2020 and start of 2021. A person is fully vaccinated if they received two doses of the Pfizer or Moderna vaccine or one dose of the Johnson & Johnson vaccine. Among cases that occurred between March 1, 2021 and December 31, 2021, 25.8% were fully vaccinated and 74.2% were not fully vaccinated [Figure 3].

Figure 1. Confirmed COVID-19 cases per 100,000 people, 2020-2021 (N = 182,752)

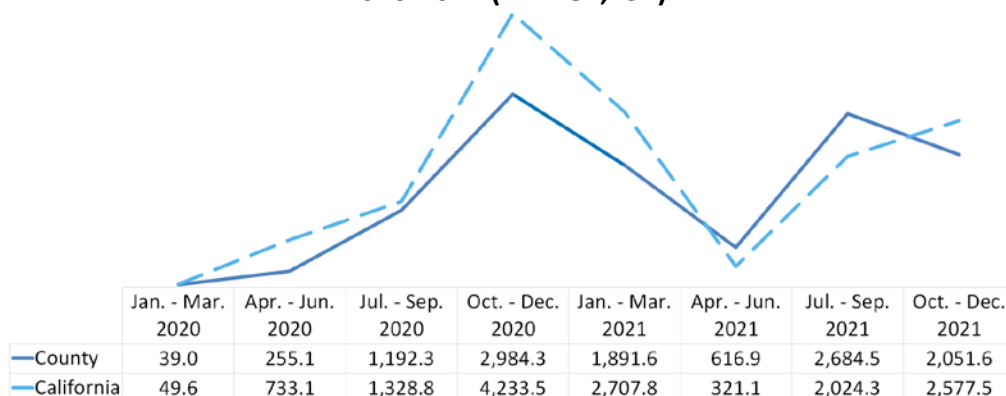


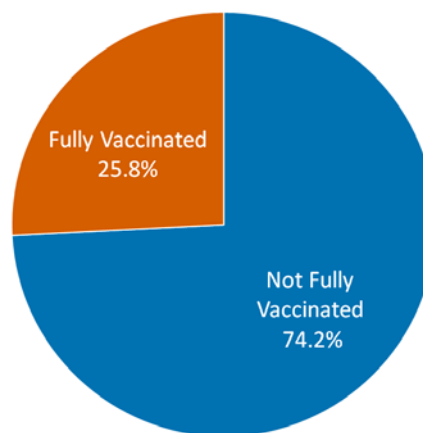
Figure 2. Characteristics of not hospitalized (N = 7,304) vs. hospitalized (N = 36,314) cases, 2020-2021

Characteristics	Not Hospitalized (N = 36,314)	Hospitalized (N = 7,034)
Average Age	36	60
Female (%)	52.2	48.5
Race/Ethnicity (%)*		
AI/AN	0.6	0.7
Asian	16.1	14.6
Black	12.8	14.9
Hispanic	32.6	24.5
NHPI	1.3	2.1
White	35.7	43.1

*9,486 cases were missing race/ethnicity information

**AI/AN = American Indian and Alaska Native; NHPI = Native Hawaiian and Pacific

Figure 3. Percent of COVID-19 cases by vaccination status (March 1, 2021 – December 31, 2021) (N = 87,943)



COVID-19 Cases Fact Sheet 2020-2021

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Demographics

Age

The case rate was highest among 18-49 year olds with 15,631.2 cases per 100,000 people. The case rate was lowest among 0-17 year olds with 7,544.9 cases per 100,000 people [Figure 4].

Sex

Among cases in which patient sex was determined, 52.6% of cases were female, and 47.4% of cases were male [Figure 5].

Race/Ethnicity

The case rate was highest among Native Hawaiian and Pacific Islanders (NHPI) with 10,854.5 cases per 100,000 people reported. The case rate was lowest among Whites with 7,187.2 cases per 100,000 people reported [Figure 6].

COVID-19 Case Definition

Cases include confirmed COVID-19 cases as defined by the Council of State and Territorial Epidemiologists (CSTE). A confirmed COVID-19 case is defined as a case in which SARS-CoV-2 ribonucleic acid (RNA) is detected by genomic sequencing, post-mortem respiratory swab, or clinical specimen using a diagnostic molecular amplification test performed by a Clinical Laboratory Improvement Amendments (CLIA)-certified provider.

Data Sources: Sacramento County Public Health Epidemiology Unit and California Department of Public Health

Figure 4. COVID-19 cases per 100,000 people by age group, 2020-2021 (N = 182,644)

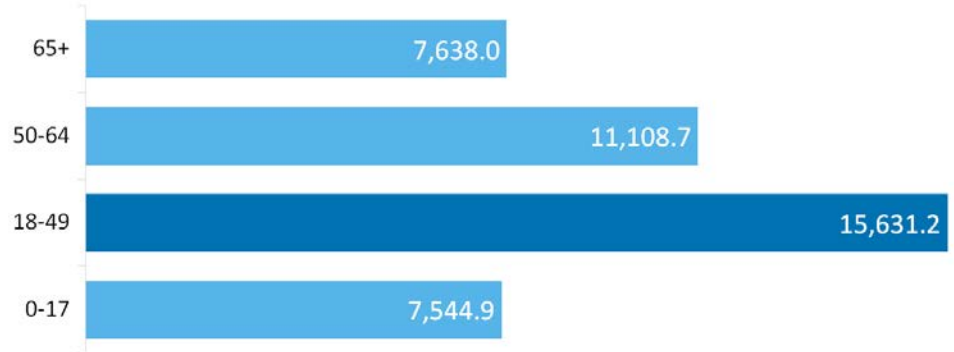


Figure 5. Percent of COVID-19 cases by sex, 2020-2021 (N = 181,322)

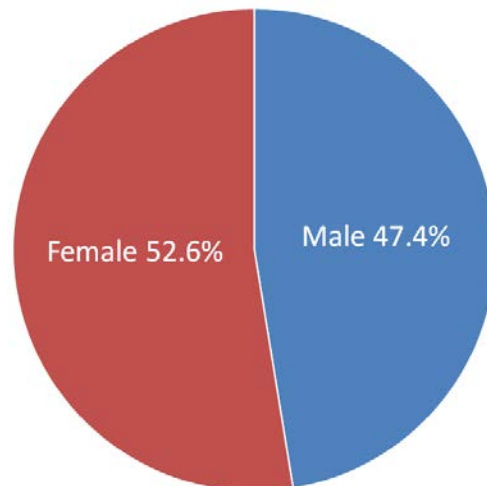


Figure 6. COVID-19 cases per 100,000 people by race/ethnicity, 2020-2021 (N = 121,831)

