



San Benito County Public Health Services



COVID-19 UPDATE: JULY 22, 2021 Epidemiologic Week 29: 7/18/2021 - 7/24/2021

This report is based on only available data; not all results have been received.

COVID-19 Snapshot

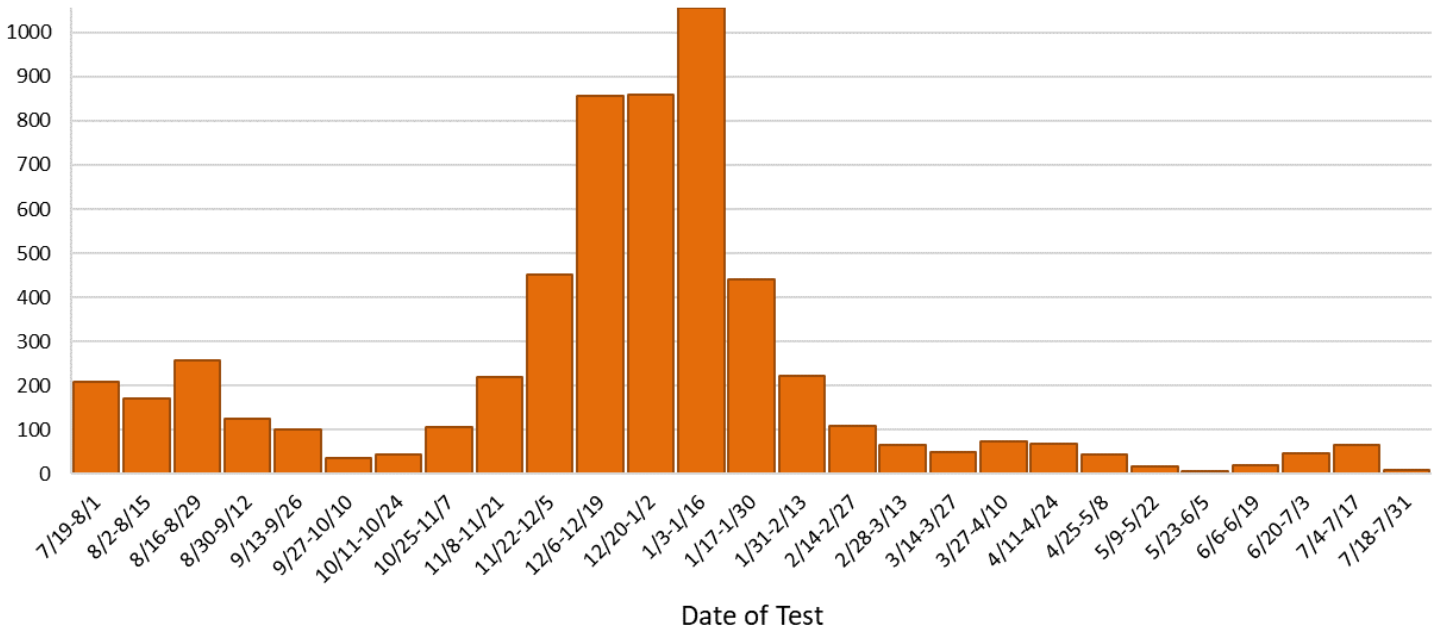
| Total Cases | Active | Recovered | Deaths |
|------------------|------------------|------------------|----------------------|
| 6,224 | 34 | 6,127 | 63 |
| Hospitalizations | Negative Results | Fully Vaccinated | Partially Vaccinated |
| 254 | 33,101 | 29,200 | 4,870 |

San Benito County (SBC) Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. Since July 22 2021, seven new cases have been reported, for a total of 6,224 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (3,312) of positive cases reported were female; ages ranged from 15 days to 101 years (median: 35 years). All results included in this update are current to July 22, 2021 at 2:30PM.

Epi. Curve

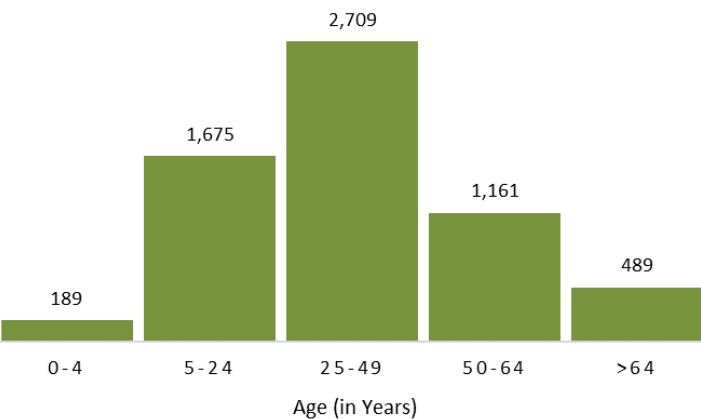
Confirmed COVID-19 Cases by Test Date in SBC

n=5,731

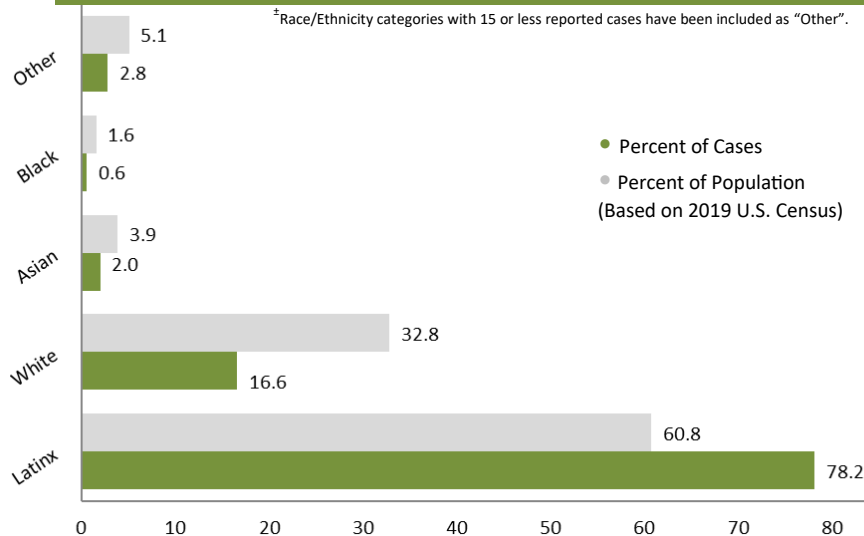


Case Demographics

SBC COVID-19 Cases by Age Group



Cases in SBC by Known Race/Ethnicity[‡]





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Variants

- **B.1.1.7** (Alpha) variants are associated with approximately 50% increased transmission, and likely with increased disease severity and risk of death. Appears to have minimal impact on the effectiveness of treatments with antibodies.
- **B.1.351** (Beta) variants are associated with approximately 50% increased transmission. May have moderately decreased response to antibody treatments.
- **B.1.427** and **B.1.429** (Epsilon) are associated with approximately 20% increased transmission. There is significantly reduced efficacy of some antibody treatments.
- **B.1.526** (Iota) is associated with significantly reduced efficacy of some antibody treatments.
- **P.1** (Gamma) variants may have moderately decreased response to some antibody treatments.
- **B.1.617.2** (Delta) variants are associated with increased transmission. May have moderately decreased response to antibody treatments.

Variants Identified in SBC

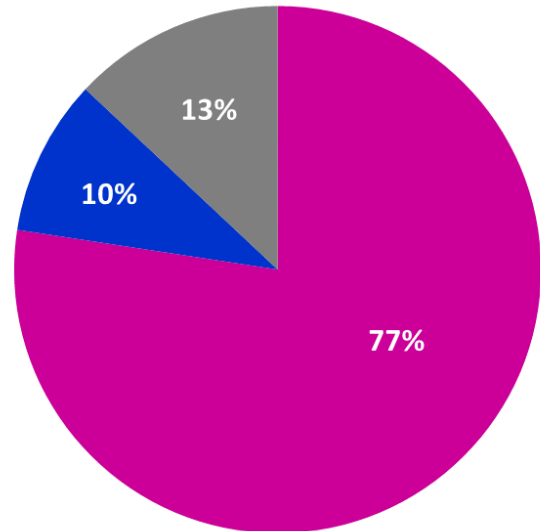
| Variant | # Cases |
|-----------------|---------|
| B.1.1.7 | 8 |
| B.1.351 | 3 |
| B.1.427/B.1.429 | 11 |
| B.1.526 | 1 |
| P.1 | 2 |
| B.1.617.2 | 21 |

Transmission

| SBC Cases by Likely Source of Exposure | |
|--|-------------|
| Classification | # Cases (%) |
| Travel-related | 1% |
| Community Transmission | 34% |
| Contact Transmission | 64% |

- **Travel-related transmission** occurs when a person travels outside of the locality to an area with widespread transmission.
- **Community transmission** occurs when the source of infection is unknown.
- **Contact transmission** occurs when infection is spread through a confirmed contact. Contact transmission typically occurs in close-contact environments, such as households or workplaces.

Contact Transmission in SBC



- Contact: Household (Same Residence)
- Contact: Workplace
- Contact: Close-Contact (Different Residence; i.e. friend/relative)

Cases by City/Zip Code and County



| City | Cases | Population | Rate * |
|-------------------|-------|------------|--------|
| Hollister | 5,866 | 40,762 | 14.4 |
| San Juan Bautista | 249 | 2,140 | 11.6 |
| Remaining | 109 | 19,584 | 0.6 |

*City rate is cumulative and per 100 population.

| County | Cases | Population | Rate * |
|-------------|---------|------------|--------|
| San Benito | 6,224 | 64,022 | 4.7 |
| Santa Clara | 121,304 | 1,967,585 | 5.5 |
| Monterey | 44,273 | 448,732 | 3.0 |
| Merced | 32,814 | 287,420 | 4.6 |

*County rate is a rolling 7-day average and per 100K population.