



# San Benito County Public Health Services



**COVID-19 UPDATE: AUGUST 17, 2021**

**Epidemiologic Week 33: 8/15/2021 - 8/21/2021**

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

## COVID-19 Snapshot

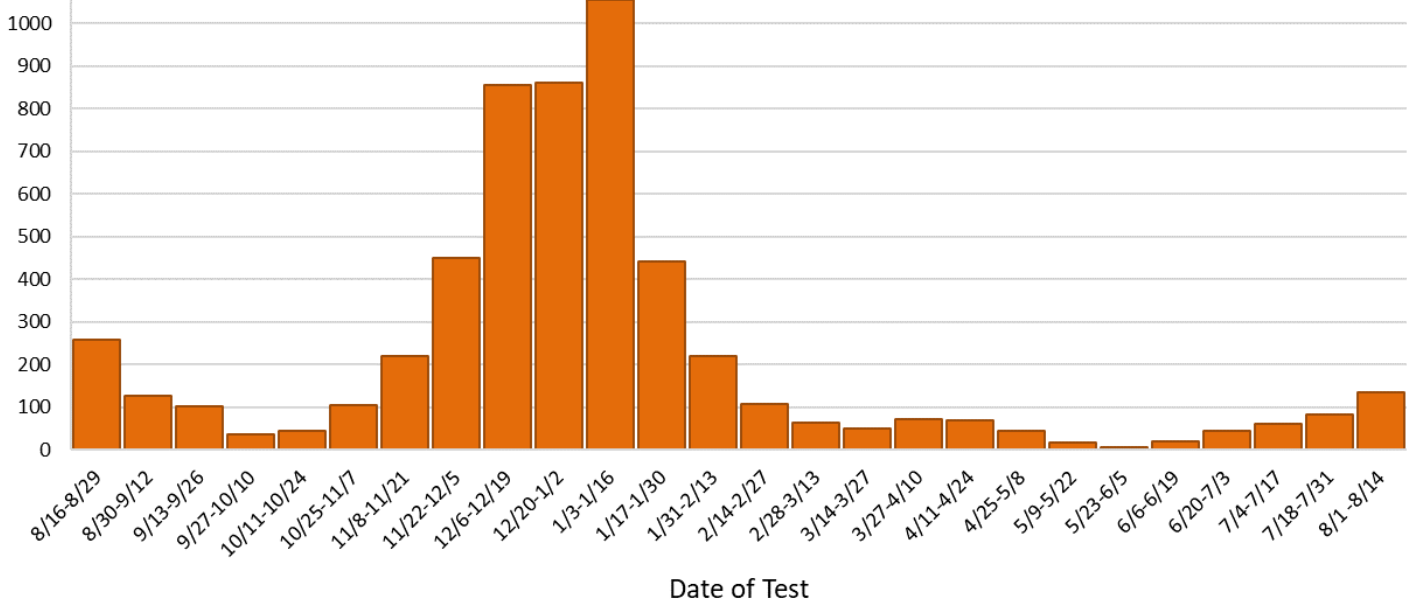
| Total Cases      | Active           | Recovered        | Deaths               |
|------------------|------------------|------------------|----------------------|
| <b>6,494</b>     | <b>117</b>       | <b>6313</b>      | <b>64</b>            |
| Hospitalizations | Negative Results | Fully Vaccinated | Partially Vaccinated |
| <b>266</b>       | <b>34,503</b>    | <b>30,751</b>    | <b>5613</b>          |

San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. Since August 12, 2021, sixty-two new cases have been reported, for a total of 6,494 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (3,446 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 August 17, 2021 at 3:00PM.

## Epi. Curve

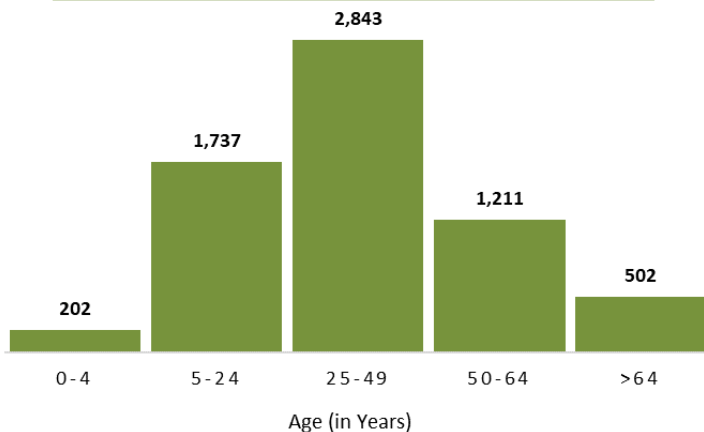
Confirmed COVID-19 Cases by Test Date in SBC

n=5,570



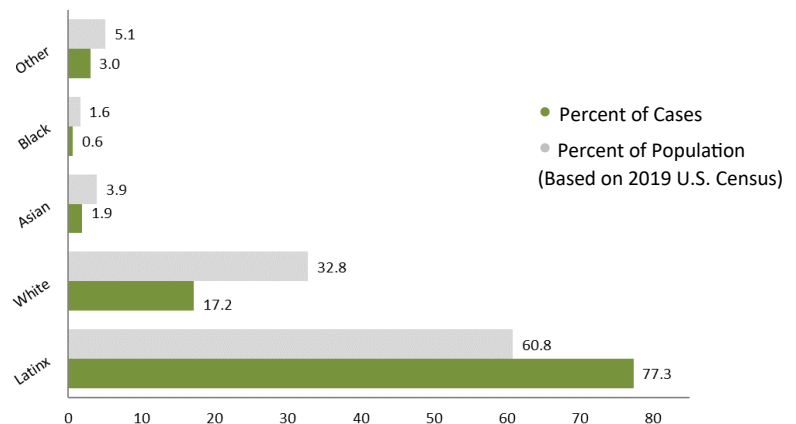
## Case Demographics

SBC COVID-19 Cases by Age Group



Cases in SBC by Known Race/Ethnicity<sup>+</sup>

<sup>+</sup>Race/Ethnicity categories with 15 or less reported cases have been included as "Other".





# San Benito County Public Health Services



## COVID-19 UPDATE: AUGUST 12, 2021

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

### 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

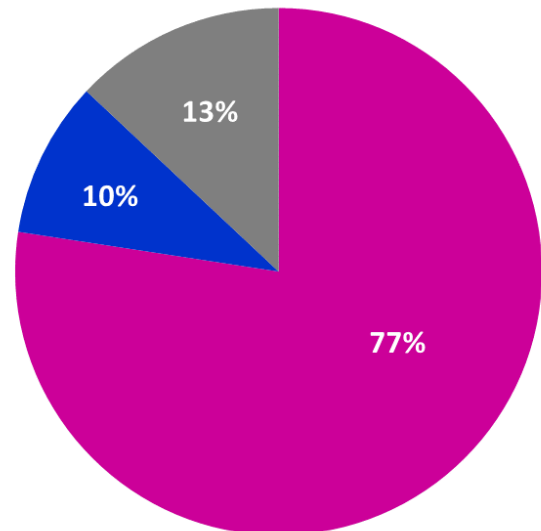
| Variant         | # Cases |
|-----------------|---------|
| B.1.1.7         | 8       |
| B.1.351         | 3       |
| B.1.427/B.1.429 | 11      |
| B.1.526         | 1       |
| P.1             | 2       |
| B.1.617.2       | 59      |

### Transmission

| 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 |
|-------------------|-------|------------|
| Hollister         | 6,115 | 40,762     |
| San Juan Bautista | 261   | 2,140      |
| Remaining         | 118   | 19,584     |

| County      | Cases   | Population | Rate * |
|-------------|---------|------------|--------|
| San Benito  | 6,494   | 64,022     | 18.3   |
| Santa Clara | 128,862 | 1,967,585  | 14.2   |
| Monterey    | 45,528  | 448,732    | 10.5   |
| Merced      | 34,558  | 287,420    | 27.5   |

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