



San Benito County Public Health Services



COVID-19 UPDATE: JULY 27, 2021 Epidemiologic Week 30: 7/25/2021 - 7/31/2021

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

COVID-19 Snapshot

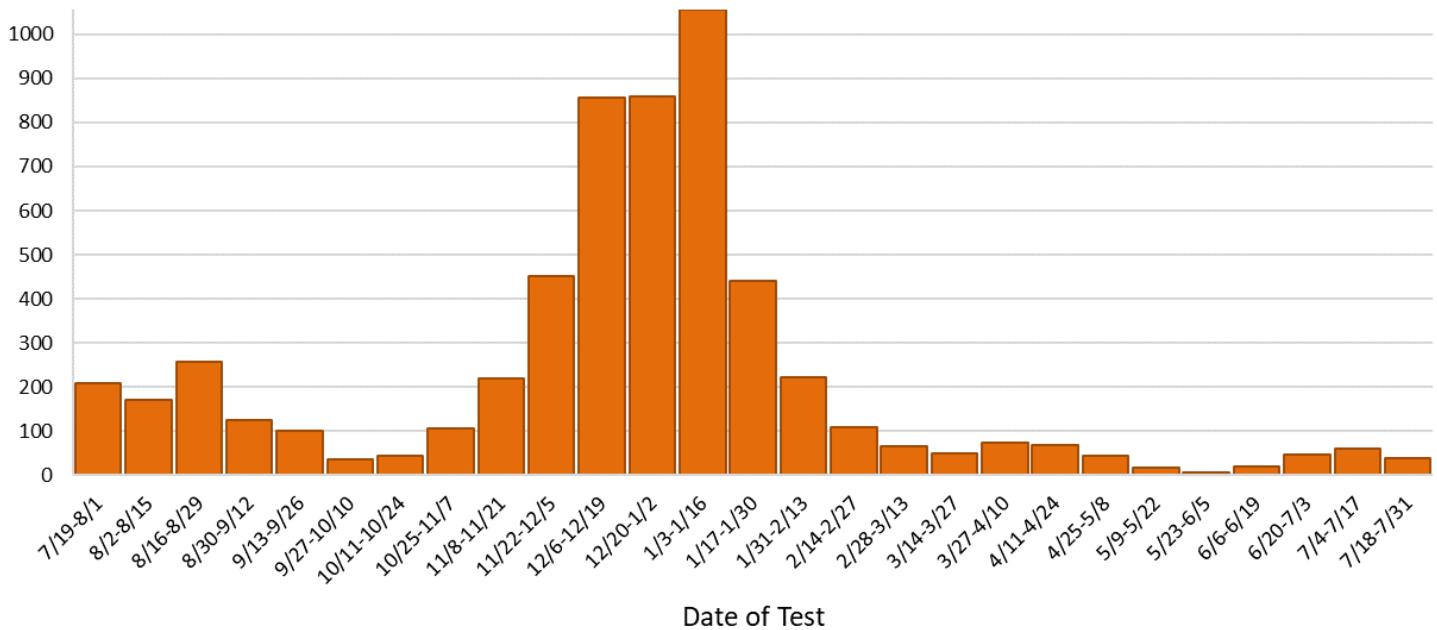
Total Cases	Active	Recovered	Deaths
6,254	41	6,150	63
Hospitalizations	Negative	Fully	Partially
256	33,361	29,463	4,989

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, thirty new cases have been reported, for a total of 6,254 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (3,323) 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 27, 2021 at 2:30PM.

Epi. Curve

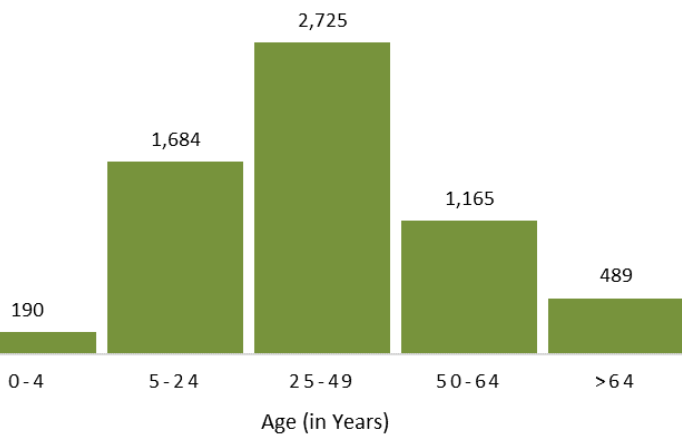
Confirmed COVID-19 Cases by Test Date in SBC

n=5,756

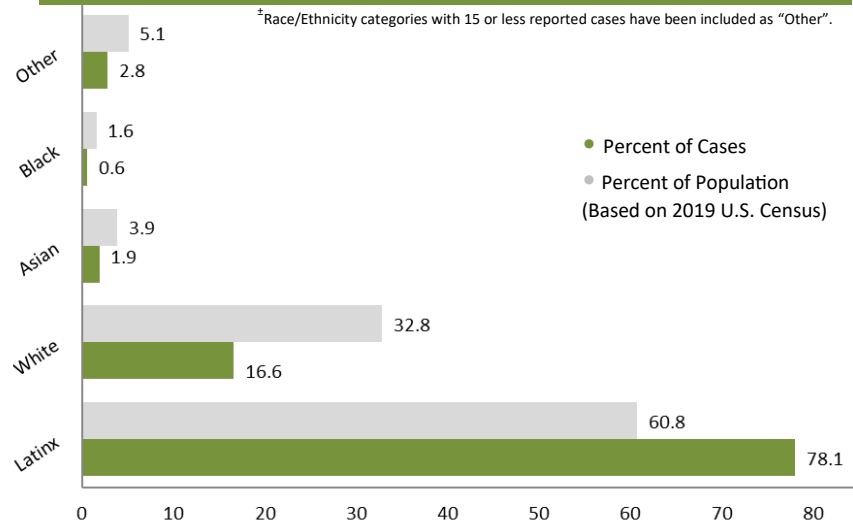


Case Demographics

SBC COVID-19 Cases by Age Group



Cases in SBC by Known Race/Ethnicity[†]



[†]Race/Ethnicity categories with 15 or less reported cases have been included as "Other".



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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

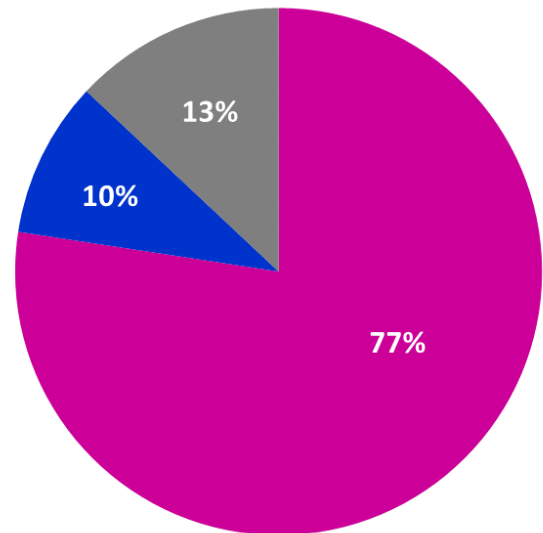
Variant	# Cases
B.1.1.7	8
B.1.351	3
B.1.427/B.1.429	11
B.1.526	1
P.1	2
B.1.617.2	27

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	11.8
Remaining	109	19,584	0.6

*City rate is cumulative and per 100 population.

County	Cases	Population	Rate *
San Benito	6,254	64,022	4.7
Santa Clara	122,630	1,967,585	7.3
Monterey	44,396	448,732	4.3
Merced	32,961	287,420	8.2

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