



San Benito County Public Health Services

COVID-19 UPDATE: JANUARY 4, 2022

Epidemiologic Week 1: 1/2/2022 - 1/8/2022

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



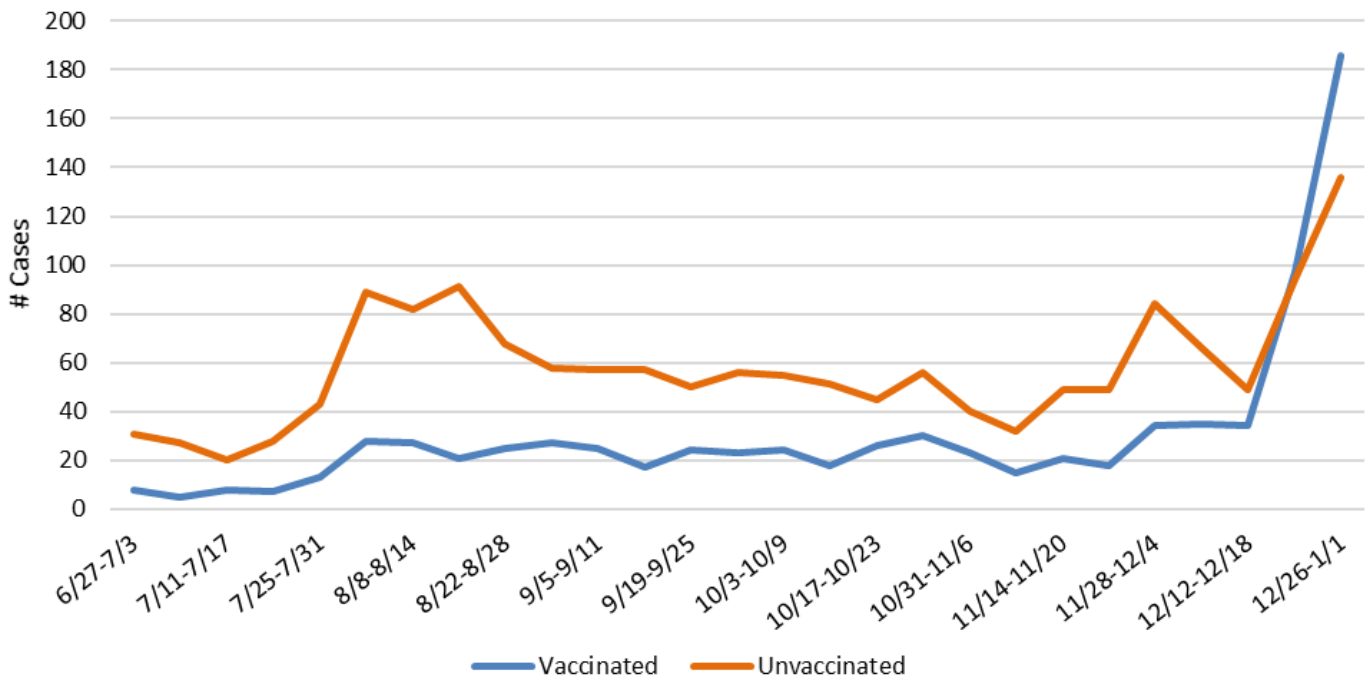
COVID-19 Snapshot

Total Cases	Active	Recovered	Deaths
8,800	247	8,467	86
Hospitalizations	Negative Results	Primary Dose Completed	First Dose Received
351	45,529	39,964	4,404

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 December 30, 2021, four hundred twenty-nine new cases have been reported, for a total of 8,800 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. The most recent death was a 71-year old unvaccinated female with multiple pre-existing conditions. Fifty-two percent (4,618 of positive cases reported) were female; ages ranged from 1 day to 101 years (median: 35 years). All results included in this update are current to January 4, 2022 at 4:00PM.

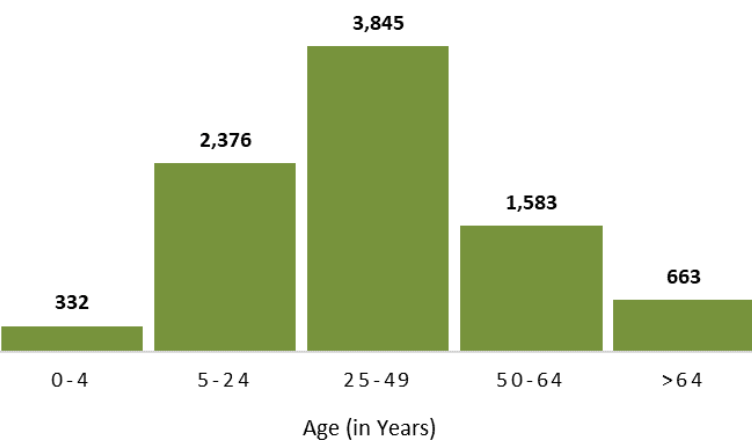
Epi. Curve

Weekly Cases by Vaccine Status



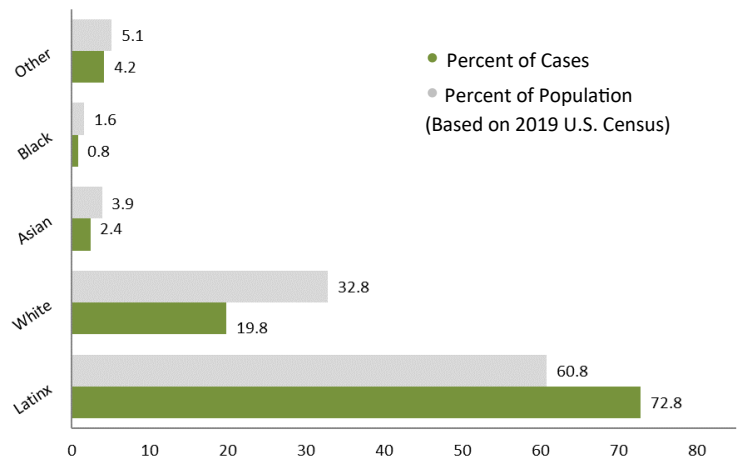
Case Demographics

SBC COVID-19 Cases by Age Group



Cases in SBC by Known Race/Ethnicity[±]

[±]Race/Ethnicity categories with 25 or less reported cases have been included as "Other".





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Variants

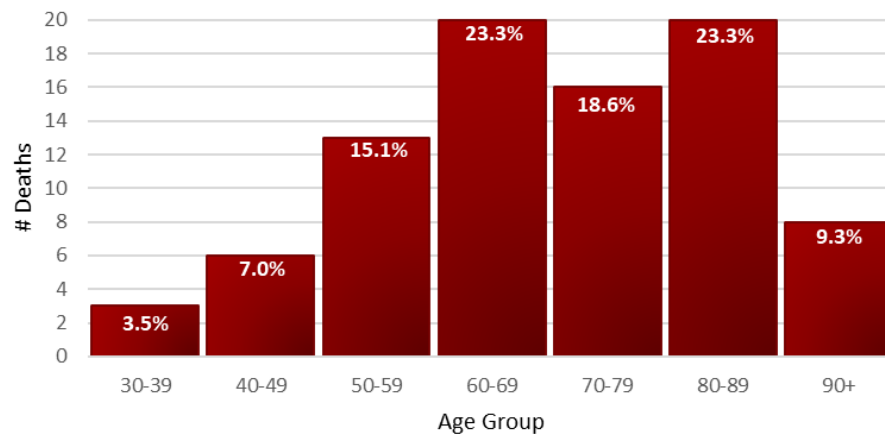
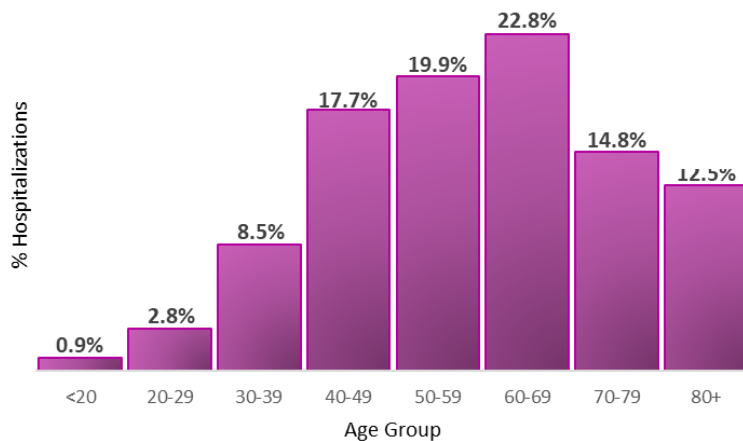
- **B.1.1.7** (Alpha) variants are associated with approximately 50% increased transmission, and likely with increased disease severity and risk of death. Appears to have minimal impact on the effectiveness of treatments with antibodies.
- **B.1.351** (Beta) variants are associated with approximately 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 approximately 200% increased transmission. May have moderately decreased response to antibody treatments. (Delta totals include all Delta AY sublineages).

Variants Identified in SBC

Variant	# Cases
B.1.1.7	15
B.1.351	3
B.1.427/B.1.429	157
B.1.526	4
P.1	2
B.1.617.2	284

Hospitalizations and Deaths

COVID-19 Related Deaths	Total: 86	Unvaccinated Deaths: 79	Vaccinated Deaths: 4
Male Deaths	68.6% (n=59)	Female Deaths	31.4% (n=27)
Average Age:	69.9 Years	Age Range:	38-101 Years



Unvaccinated COVID-19 Required Hospitalizations	Vaccinated COVID-19 Required Hospitalizations
330 (94.0%)	21 (6.0%)
Average Age: 59.3 Years	Age Range: 2 Months - 100 Years
Male: 55.6% (n=195)	Female: 44.4% (n=156)

Cases by City/Zip Code and County



City	Cases	Population
Hollister	8,236	40,762
San Juan Bautista	366	2,140
Remaining	198	19,584

County	Cases	Population	Rate *
San Benito	8,800	64,022	67.6
Santa Clara	176,928	1,967,585	51.6
Monterey	52,619	448,732	16.3
Merced	48,170	287,420	26.1

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