



San Benito County Public Health Services



COVID-19 UPDATE: MAY 17, 2022 Epidemiologic Week 20: 5/15/2022 - 5/21/2022

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

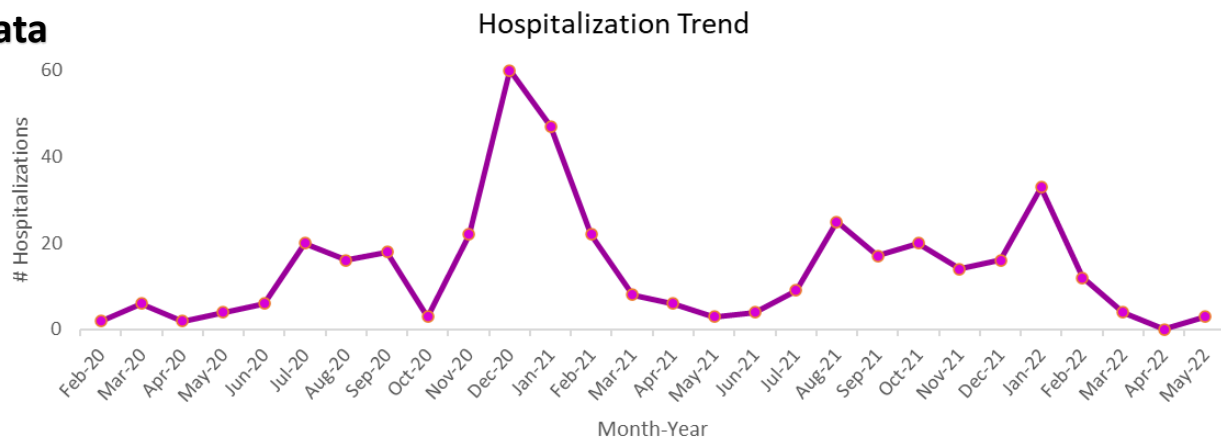
COVID-19 Snapshot

Total Cases	Active	Recovered	Deaths
13,217	53	13,065	99
Hospitalizations	Primary Dose Completed	Booster Dose Received	
403	43,810 (75%)	22,802 (39%)	

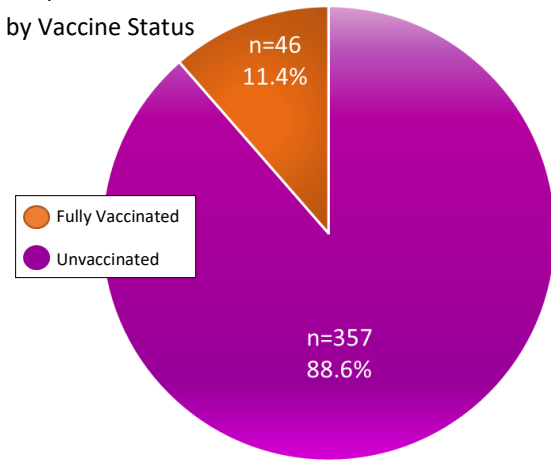
San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. There have been 109 new cases reported since May 10, for a total of 13,217 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (6,992 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 May 17, 2022 at 1:30PM.

COVID-19 Hospital Data

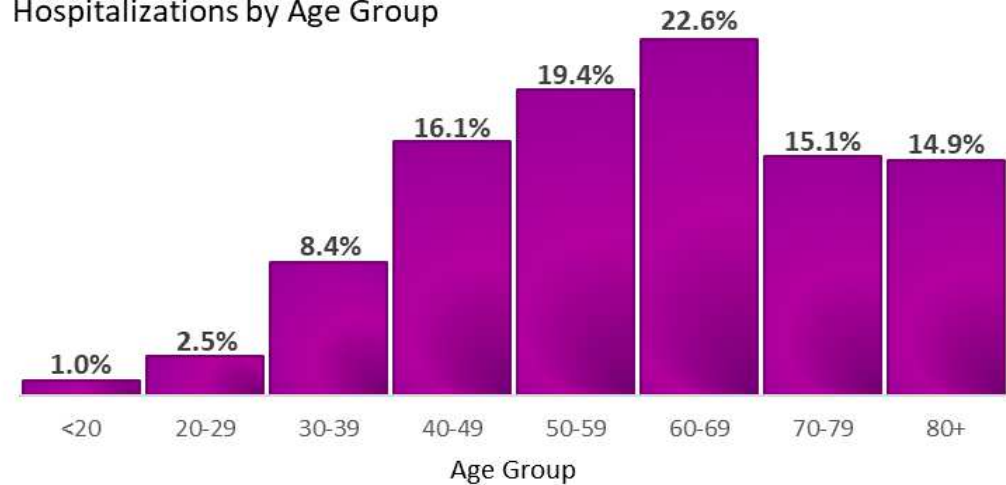
Demographics
Total: 403 Hospitalized
Average Age: 60.4 Years
Range: 2 Months - 100 Years
Male: 55.6% (n=224)
Female: 44.4% (n=179)



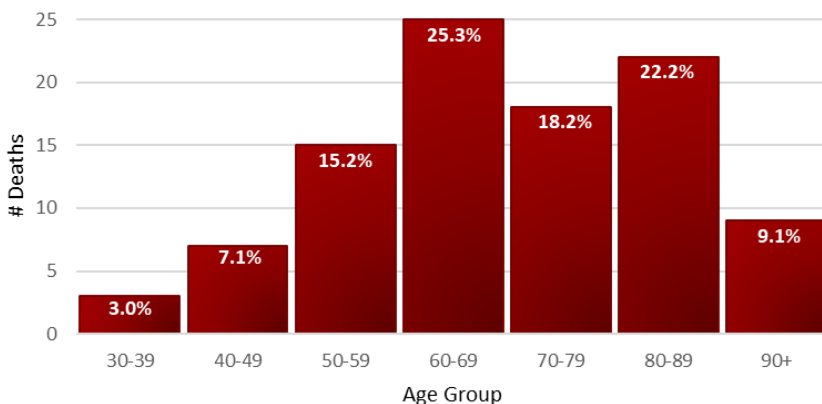
Hospitalization by Vaccine Status



Hospitalizations by Age Group



COVID-19 Deaths



Total COVID-19 Deaths: 99

Unvaccinated Deaths: 91	Fully Vaccinated Deaths: 8
Male 67.7% (n=67)	Female 32.3% (n=32)
Average Age: 69.8 Years	Range: 38-101 Years



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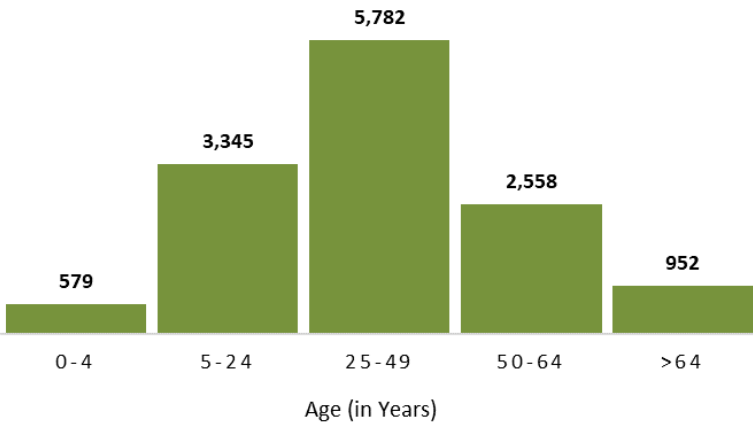


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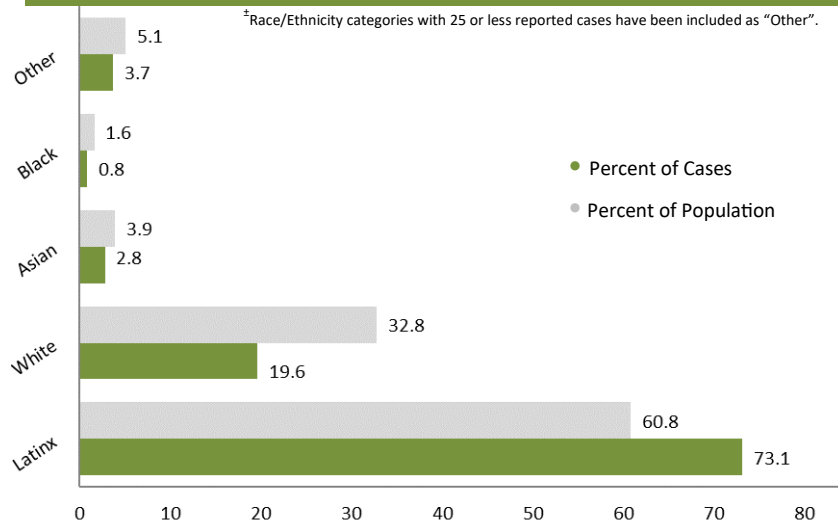
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Case Demographics

SBC COVID-19 Cases by Age Group



Cases in SBC by Known Race/Ethnicity[†]



Cases in SBC by Vaccine Status

Test Date	5/30 - 6/26	6/27 - 7/24	7/25 - 8/21	8/22 - 9/18	9/19 - 10/16	10/17 - 11/13	11/14 - 12/11	12/12 - 1/8	1/9 - 2/5	2/6-Current
Vaccinated	4	24	85	94	89	94	108	1,083	1,578	506
Unvaccinated	27	111	309	239	212	169	243	758	970	316

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).
- **B.1.1.529** (Omicron) variants are associated with increased transmission. San Benito County reported its first case of the Omicron variant on December 8, 2021 (Omicron totals include all BA sublineages).

Variants Identified in SBC

Variant	# Cases
B.1.1.7	17
B.1.351	3
B.1.427/B.1.429	160
B.1.526	6
P.1	7
B.1.617.2	343
B.1.1.529	362

Cases by City/Zip Code and County

County	Cases	Population	Rate *
San Benito	13,217	64,022	16.5
Santa Clara	331,414	1,967,585	39.1
Santa Cruz	51,216	270,861	36.0
Monterey	81,552	448,732	12.1
Merced	72,959	288,420	8.9

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

