



San Benito County Public Health Services



COVID-19 UPDATE: DECEMBER 28, 2022 Epidemiologic Week 52: 12/25/2022 - 12/31/2022

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

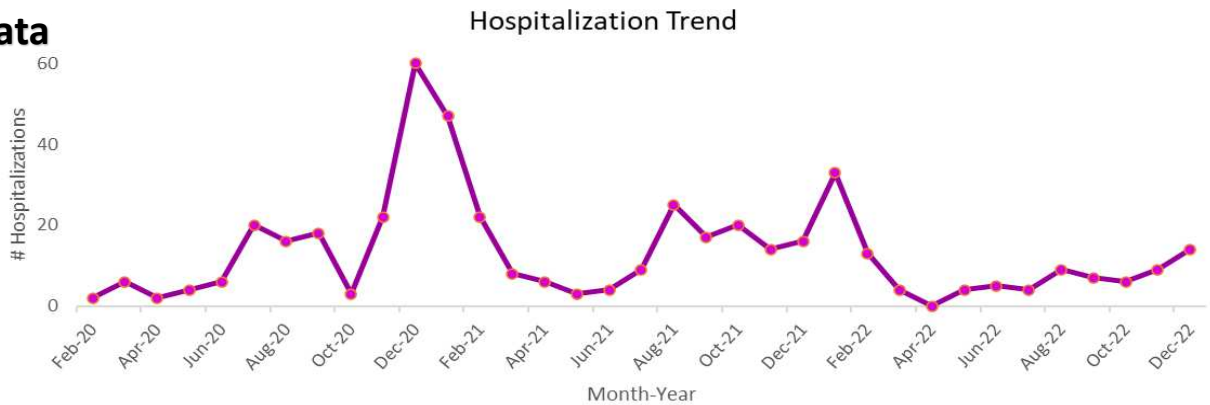
COVID-19 Snapshot

Total Cases	Active	Recovered	Deaths
17,323	39	17,168	116
Hospitalizations	Primary Dose Completed	Booster Dose Received	
459	44,705 (72%)	25,162 (40%)	

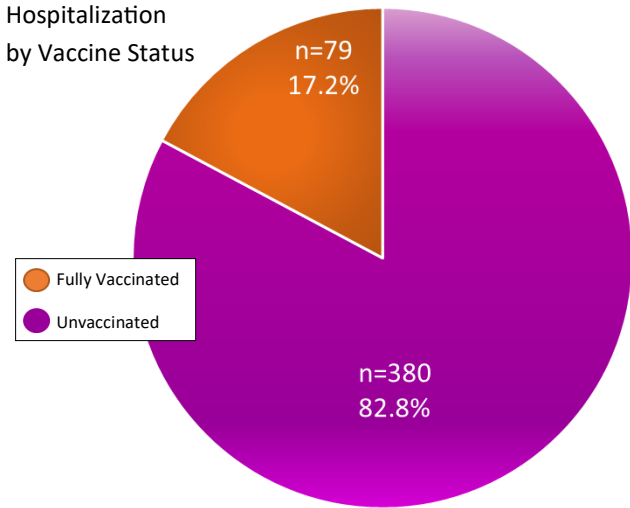
San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. There have been 167 new cases reported since December 21 for a total of 17,323 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (9,260 of positive cases reported) were female; ages ranged from 1 day to 101 years (median: 46 years). All results included in this update are current to December 28, 2022 at 2:00PM.

COVID-19 Hospital Data

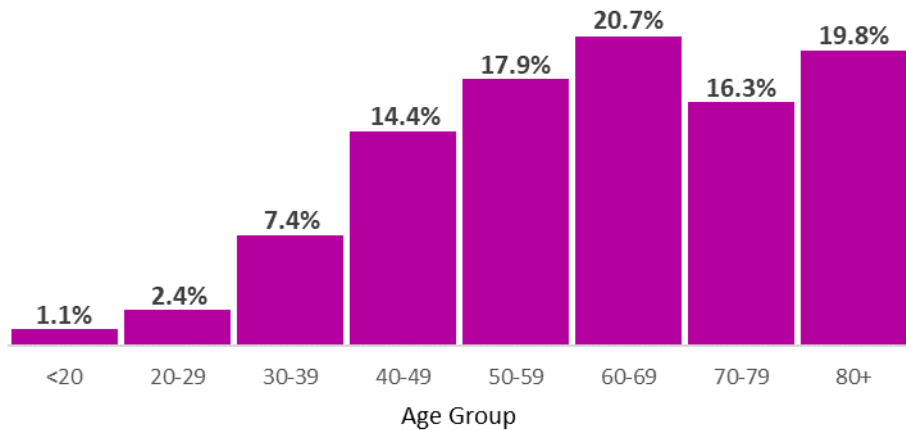
Demographics
Total: 459 Hospitalized
Average Age: 62.5 Years
Range: 2 Months - 100 Years
Male: 54.2% (n=249)
Female: 45.7% (n=210)



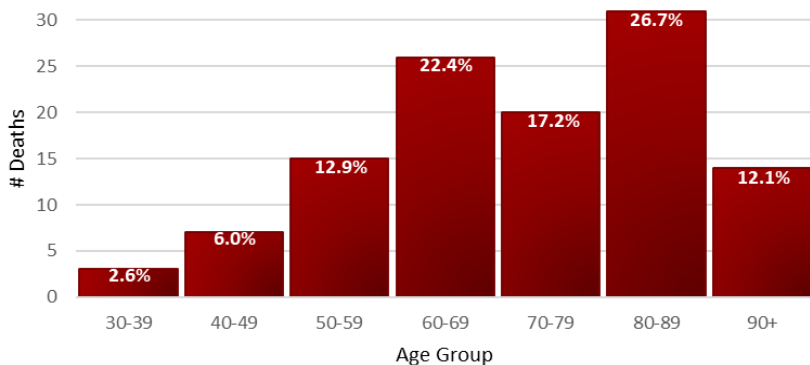
Hospitalization by Vaccine Status



Hospitalizations by Age Group



COVID-19 Deaths



Total COVID-19 Deaths: 116	
Unvaccinated Deaths: 96	Fully Vaccinated Deaths: 20
Male 65.5% (n=76)	Female 34.5% (n=40)
Average Age: 71.9 Years	Range: 38-101 Years



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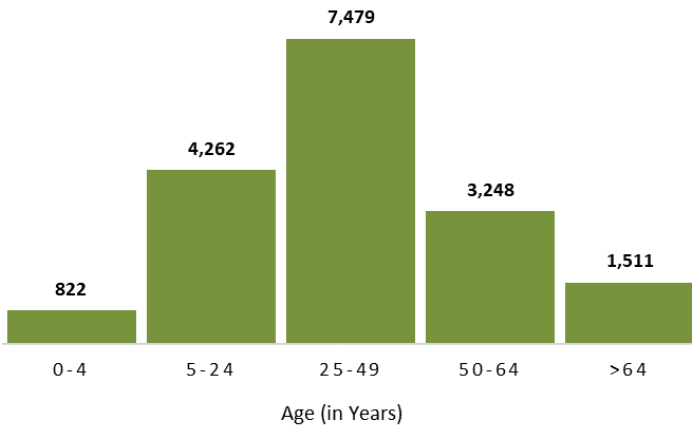


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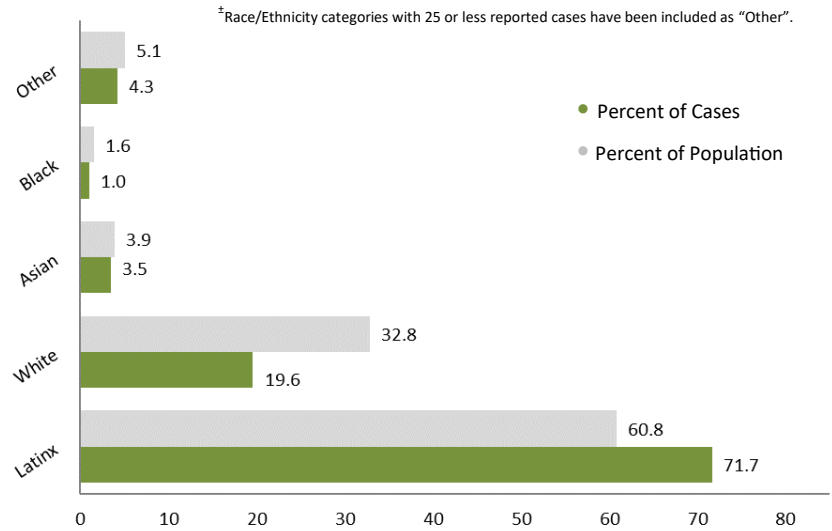
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Case Demographics

SBC COVID-19 Cases by Age Group



Cases in SBC by Known Race/Ethnicity[‡]



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	26
B.1.351	3
B.1.427/ B.1.429	288
B.1.526	7
P.1	8
B.1.617.2	551
B.1.1.529	638

Cases by City/Zip Code and County

County	Cases	Population	Rate *
San Benito	17,323	64,022	25.7
Santa Clara	462,800	1,967,585	22.6
Santa Cruz	66,851	270,861	27.2
Monterey	97,800	448,732	7.2
Merced	74,498	288,420	12.3



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