



San Benito County Public Health Services



COVID-19 UPDATE: DECEMBER 14, 2022

Epidemiologic Week 50: 12/11/2022 - 12/17/2022

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

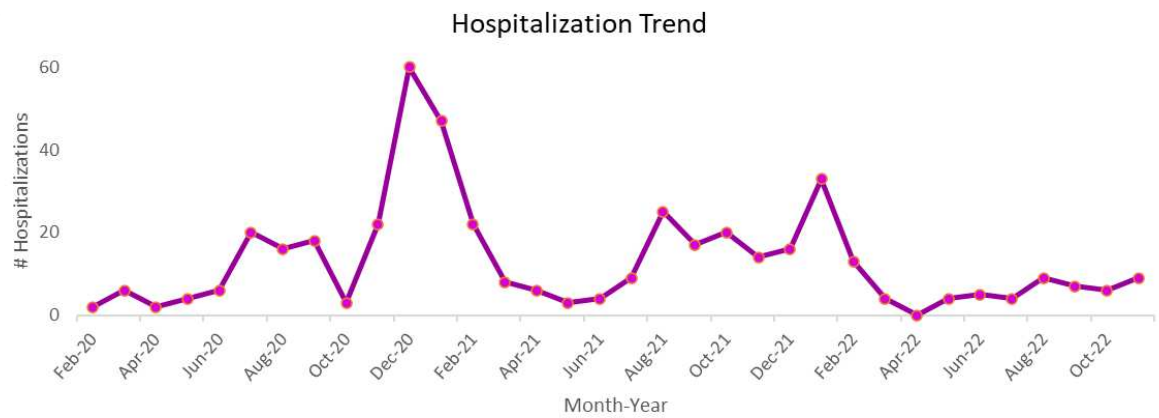
COVID-19 Snapshot

Total Cases	Active	Recovered	Deaths
17,054	45	16,900	109
Hospitalizations	Primary Dose Completed	Booster Dose Received	
453	44,659 (72%)	25,010 (40%)	

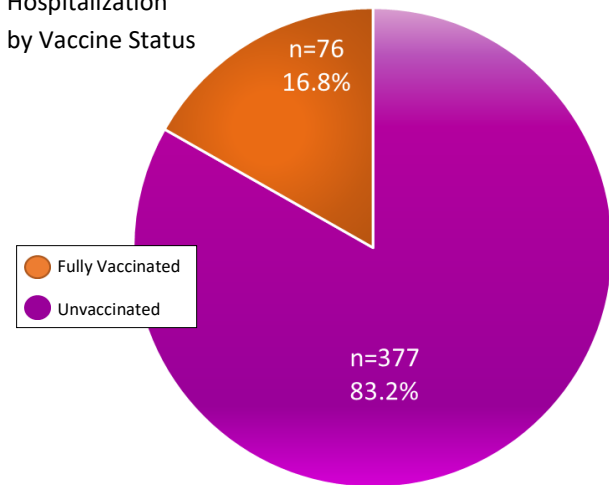
San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. There have been 119 new cases reported since December 7 for a total of 17,054 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (9,112 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 14, 2022 at 3:00PM.

COVID-19 Hospital Data

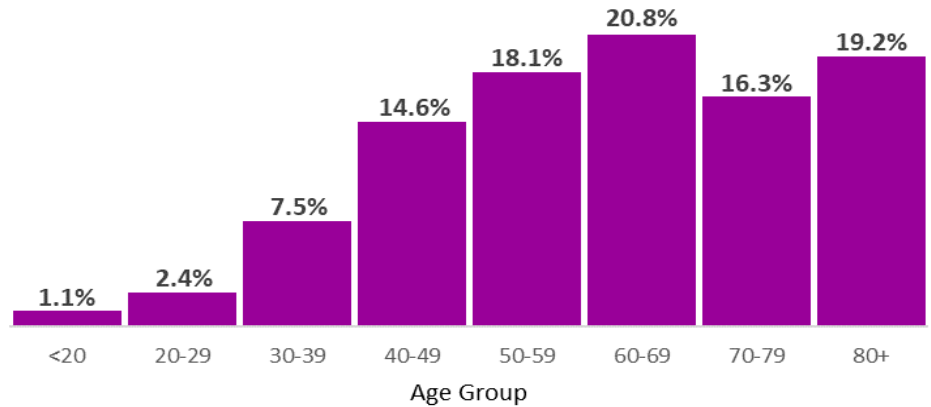
Demographics
Total: 453 Hospitalized
Average Age: 62.2 Years
Range: 2 Months - 100 Years
Male: 54.1% (n=245)
Female: 45.9% (n=208)



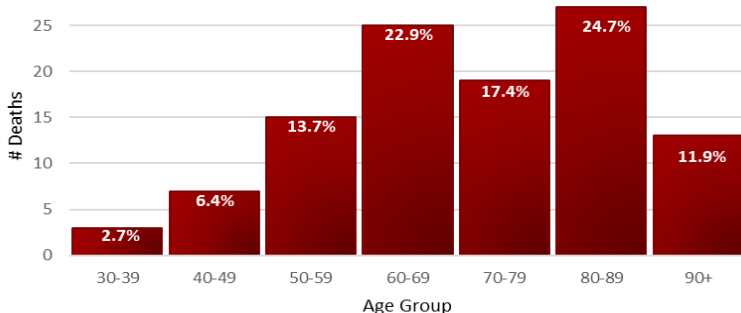
Hospitalization by Vaccine Status



Hospitalizations by Age Group



COVID-19 Deaths



Total COVID-19 Deaths: 109

Unvaccinated Deaths: 95	Fully Vaccinated Deaths: 14
Male 67.9% (n=74)	Female 32.1% (n=35)
Average Age: 71.3 Years	Range: 38-101 Years



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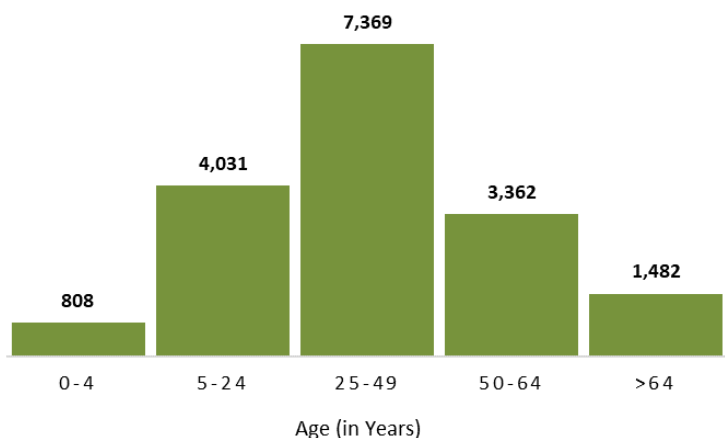


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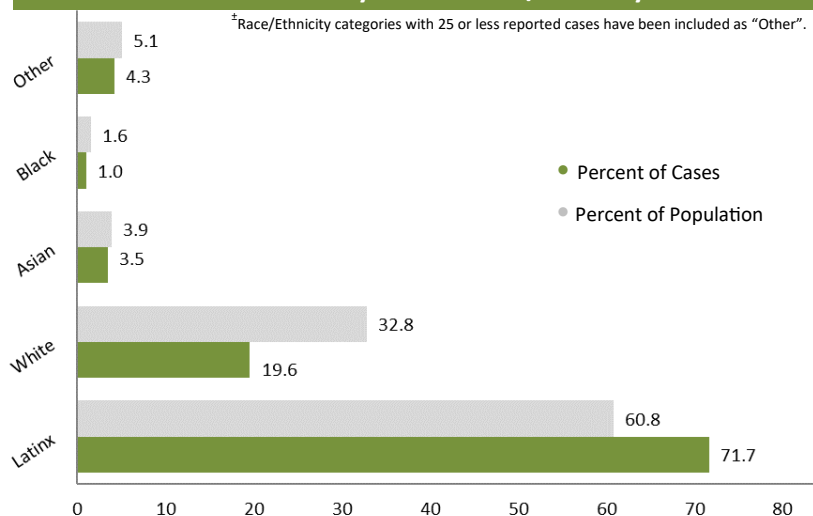
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Case Demographics

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	2,748
Unvaccinated	27	111	309	239	212	169	243	758	970	1,191

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	635

Cases by City/Zip Code and County

County	Cases	Population	Rate *
San Benito	17,054	64,022	36.1
Santa Clara	458,162	1,967,585	21.7
Santa Cruz	66,211	270,861	20.8
Monterey	97,318	448,732	8.1
Merced	73,999	288,420	18.0

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

