



# San Benito County Public Health Services



## COVID-19 UPDATE: MAY 24, 2022 Epidemiologic Week 21: 5/22/2022 - 5/28/2022

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

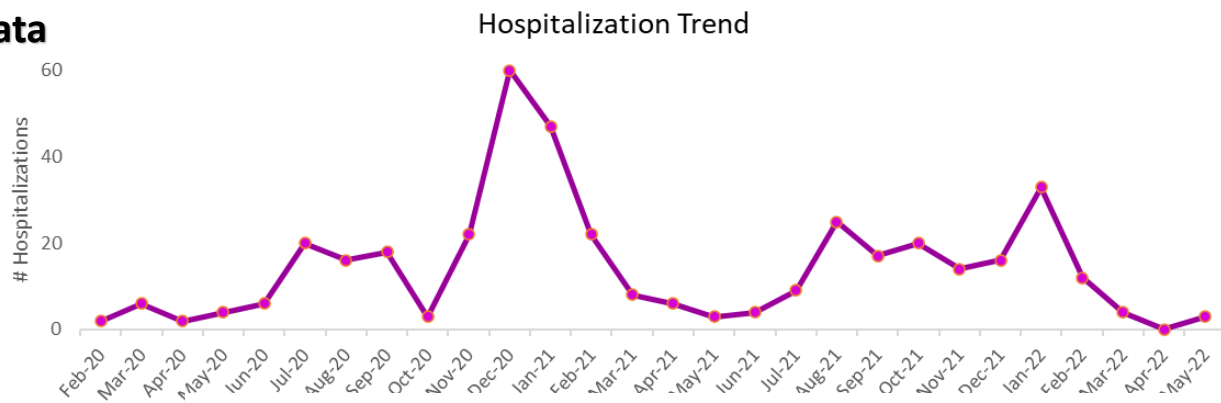
### COVID-19 Snapshot

Total Cases	Active	Recovered	Deaths
13,387	84	13,167	99
Hospitalizations	Primary Dose Completed	Booster Dose Received	
404	43,879 (75%)	22,989 (40%)	

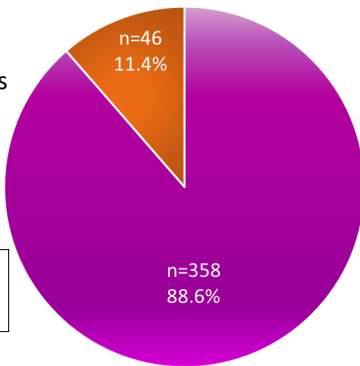
San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. There have been 170 new cases reported since May 17, for a total of 13,387 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (7,094 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 24, 2022 at 1:30PM.

### COVID-19 Hospital Data

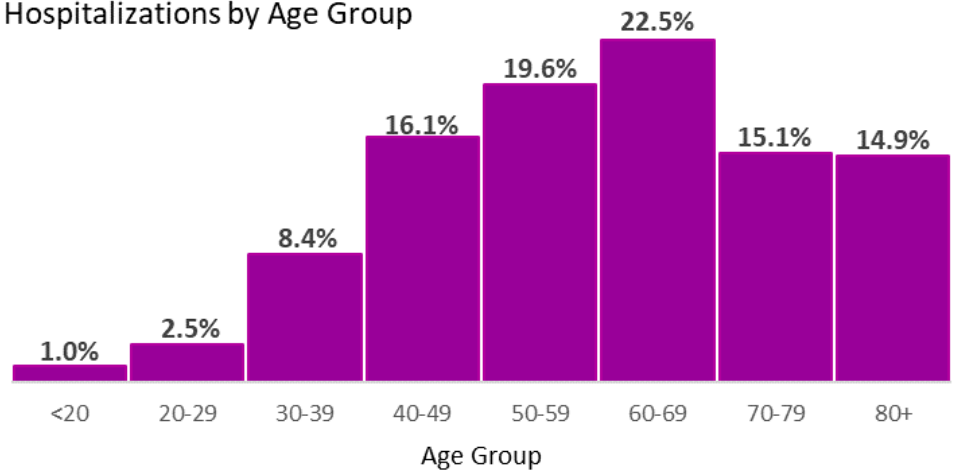
Demographics
Total: 404 Hospitalized
Average Age: 60.4 Years
Range: 2 Months - 100 Years
Male: 55.4% (n=224)
Female: 44.5% (n=180)



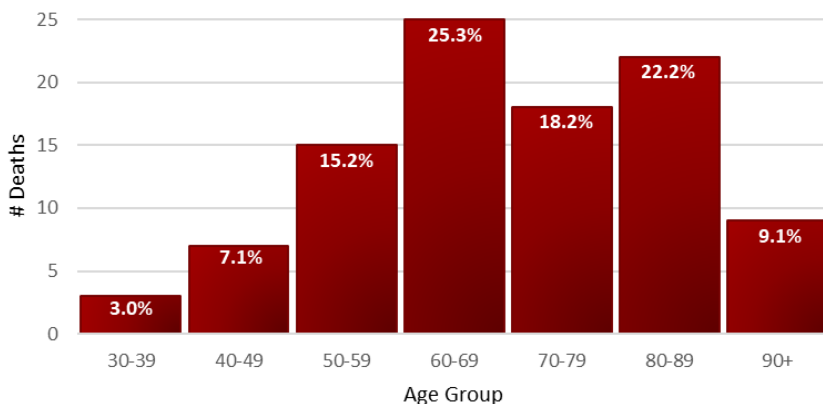
Hospitalization by Vaccine Status



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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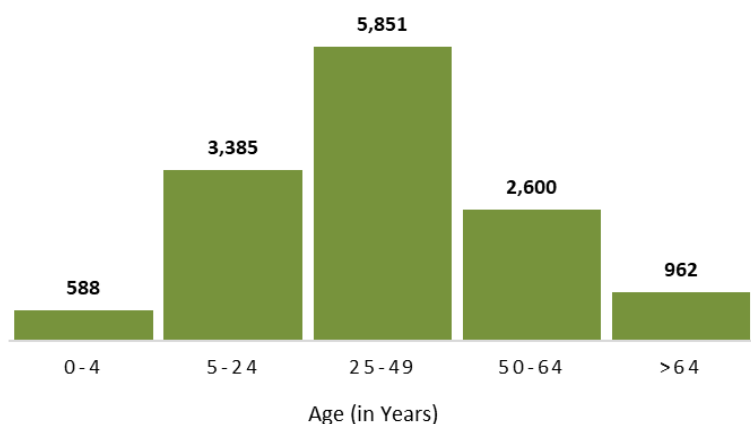


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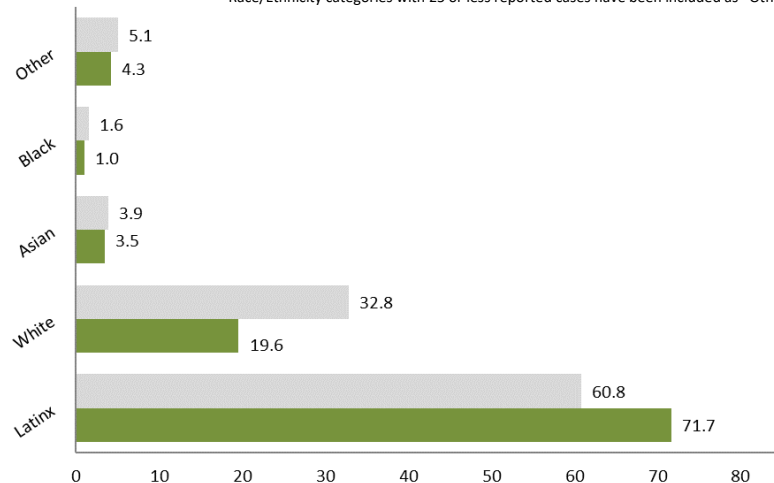
### Case Demographics

#### SBC COVID-19 Cases by Age Group



#### Cases in SBC by Known Race/Ethnicity<sup>‡</sup>

<sup>‡</sup>Race/Ethnicity categories with 25 or less reported cases have been included as "Other".



#### 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	620
Unvaccinated	27	111	309	239	212	169	243	758	970	383

### 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>B.1.1.7</b>	<b>17</b>
<b>B.1.351</b>	<b>3</b>
<b>B.1.427/B.1.429</b>	<b>161</b>
<b>B.1.526</b>	<b>6</b>
<b>P.1</b>	<b>7</b>
<b>B.1.617.2</b>	<b>343</b>
<b>B.1.1.529</b>	<b>366</b>

### Cases by City/Zip Code and County

County	Cases	Population	Rate *
San Benito	13,387	64,022	25.0
Santa Clara	338,836	1,967,585	50.4
Santa Cruz	51,933	270,861	41.2
Monterey	82,088	448,732	15.5
Merced	72,959	288,420	15.2

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

