



# San Benito County Public Health Services



## COVID-19 UPDATE: OCTOBER 5, 2022

### Epidemiologic Week 40: 10/2/2022 - 10/8/2022

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

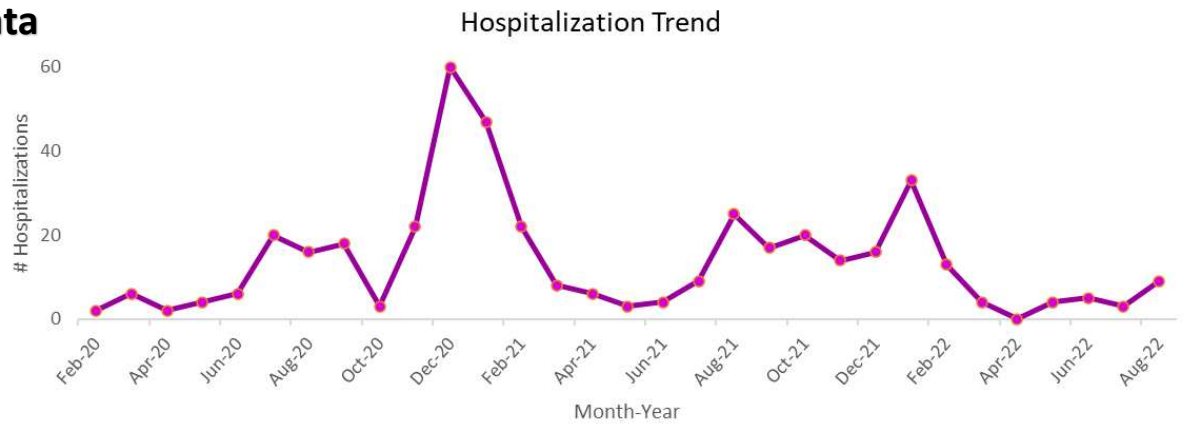
## COVID-19 Snapshot

Total Cases	Active	Recovered	Deaths
16,303	17	16,180	106
Hospitalizations	Primary Dose Completed	Booster Dose Received	
426	44,726 (73%)	24,535 (40%)	

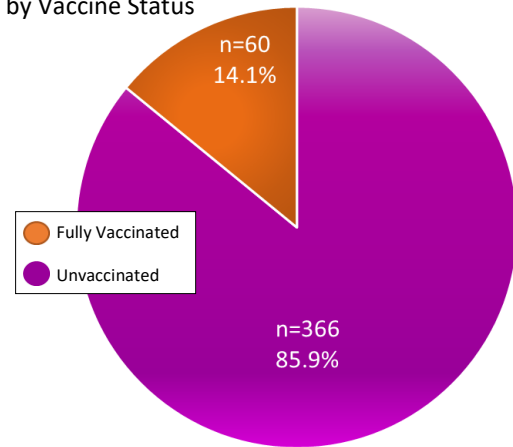
San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. There have been 27 new cases reported since September 28 for a total of 16,303 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (8,667 of positive cases reported) were female; ages ranged from 1 day to 101 years (median: 36 years). All results included in this update are current to October 5, 2022 at 3:00PM.

## COVID-19 Hospital Data

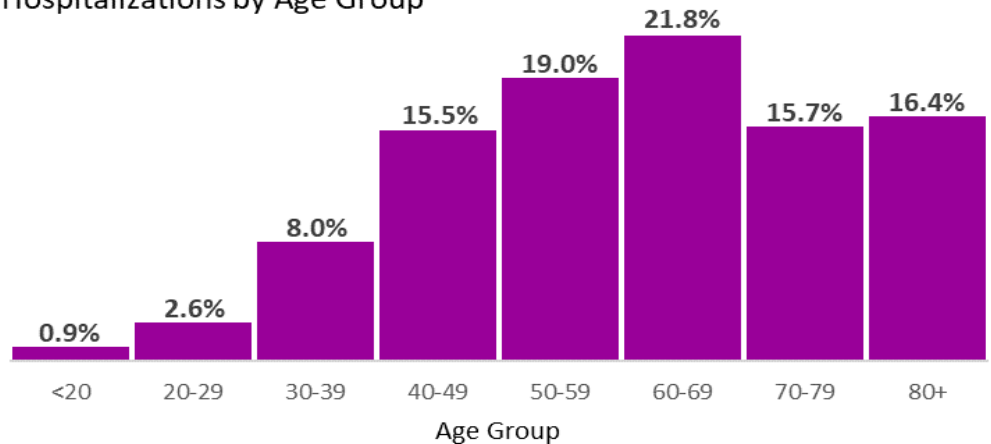
Demographics
Total: 426 Hospitalized
Average Age: 61.2 Years
Range: 2 Months - 100 Years
Male: 54.5% (n=232)
Female: 45.5% (n=194)



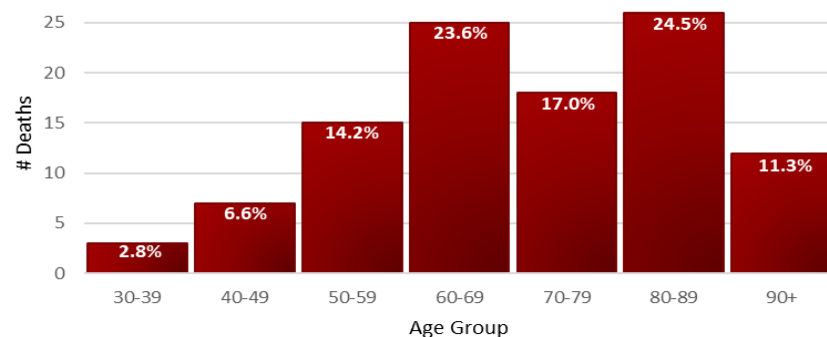
Hospitalization by Vaccine Status



Hospitalizations by Age Group



## COVID-19 Deaths



### Total COVID-19 Deaths: 106

Unvaccinated Deaths: 93	Fully Vaccinated Deaths: 13
Male 68.9% (n=73)	Female 31.1% (n=33)
Average Age: 71.0 Years	Range: 38-101 Years



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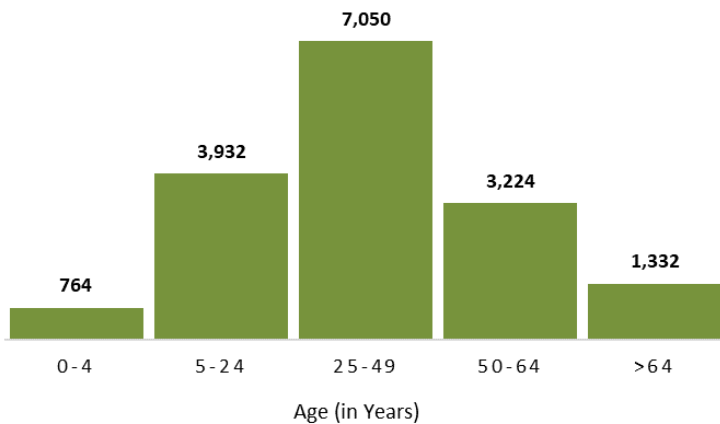


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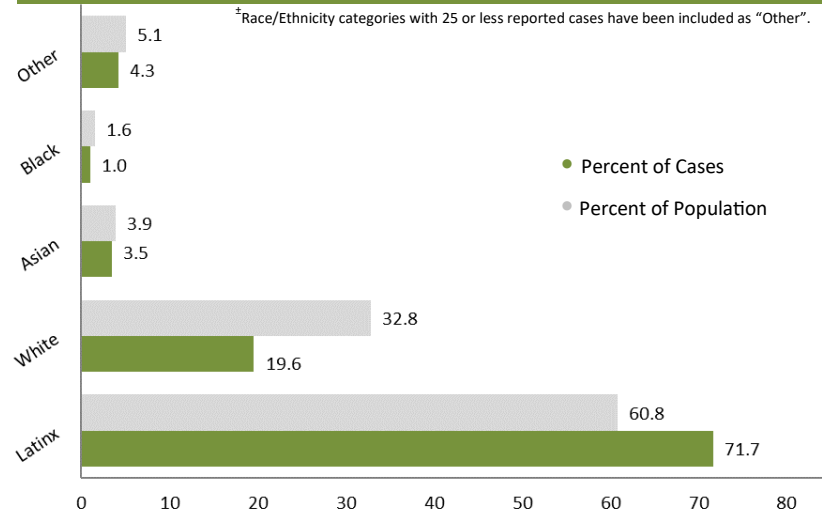
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### Case Demographics

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



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



#### 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	2,552
Unvaccinated	27	111	309	239	212	169	243	758	970	1,126

### 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>26</b>
<b>B.1.351</b>	<b>3</b>
<b>B.1.427/B.1.429</b>	<b>287</b>
<b>B.1.526</b>	<b>7</b>
<b>P.1</b>	<b>8</b>
<b>B.1.617.2</b>	<b>551</b>
<b>B.1.1.529</b>	<b>529</b>

### Cases by City/Zip Code and County

County	Cases	Population	Rate *
San Benito	16,303	64,022	11.6
Santa Clara	433,478	1,967,585	9.6
Santa Cruz	63,164	270,861	7.1
Monterey	95,358	448,732	4.4
Merced	72,117	288,420	6.4

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

