



San Benito County Public Health Services



COVID-19 UPDATE: JULY 12, 2022 Epidemiologic Week 28: 7/10/2022 - 7/16/2022

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

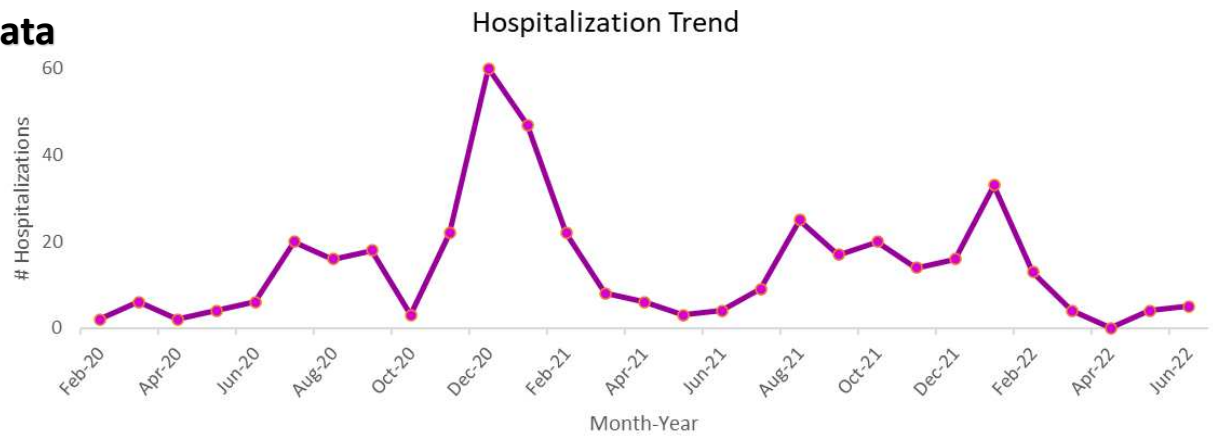
COVID-19 Snapshot

| Total Cases | Active | Recovered | Deaths |
|------------------|------------------------|-----------------------|--------|
| 14,843 | 90 | 14,653 | 100 |
| Hospitalizations | Primary Dose Completed | Booster Dose Received | |
| 410 | 44,219 (72%) | 23,965 (39%) | |

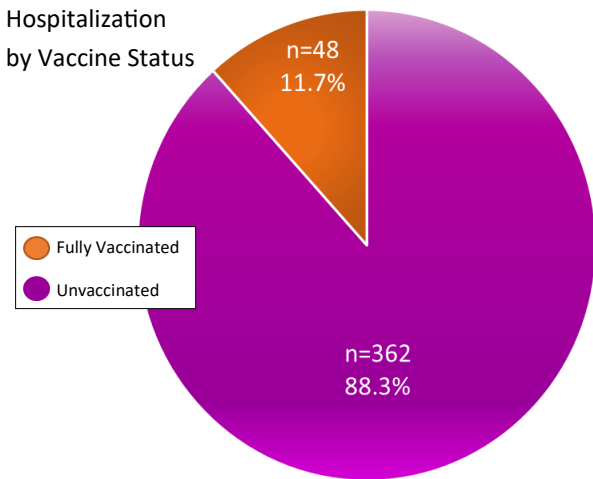
San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. There have been 186 new cases reported since July 5, for a total of 14,843 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (7,881 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 July 12, 2022 at 2:00PM.

COVID-19 Hospital Data

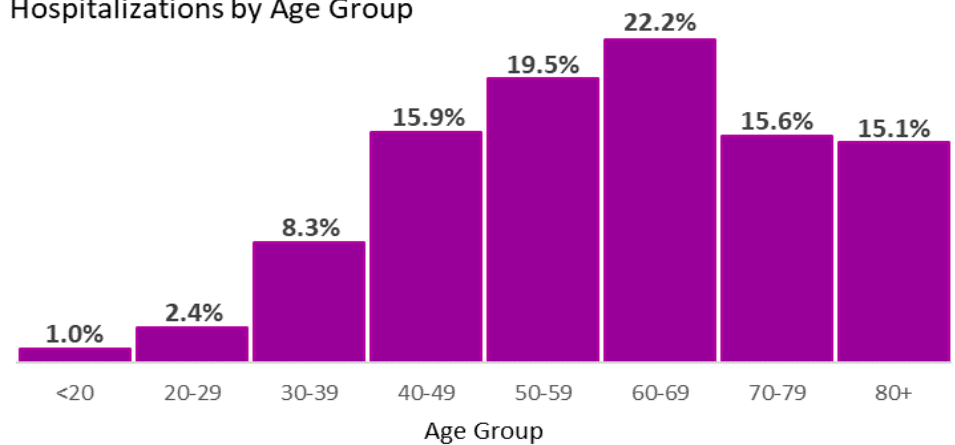
| Demographics |
|-----------------------------|
| Total: 410 Hospitalized |
| Average Age: 60.7 Years |
| Range: 2 Months - 100 Years |
| Male: 54.9% (n=225) |
| Female: 45.1% (n=185) |



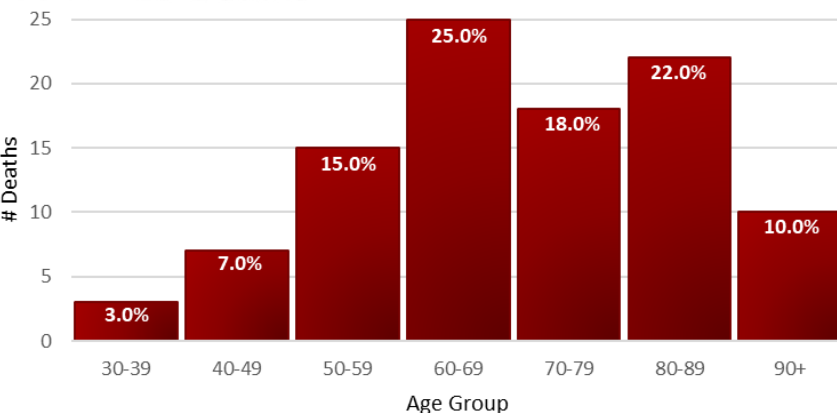
Hospitalization by Vaccine Status



Hospitalizations by Age Group



COVID-19 Deaths



Total COVID-19 Deaths: 100

| | |
|-------------------------|----------------------------|
| Unvaccinated Deaths: 92 | Fully Vaccinated Deaths: 8 |
| Male 67.0% (n=67) | Female 33.0% (n=33) |
| Average Age: 70.0 Years | Range: 38-101 Years |



San Benito County Public Health Services

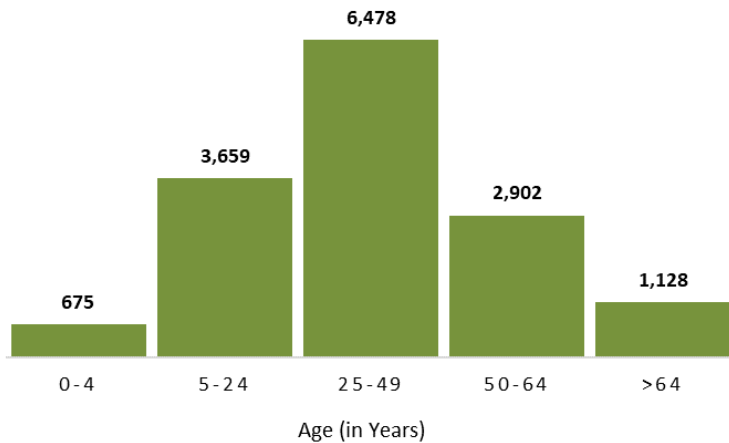


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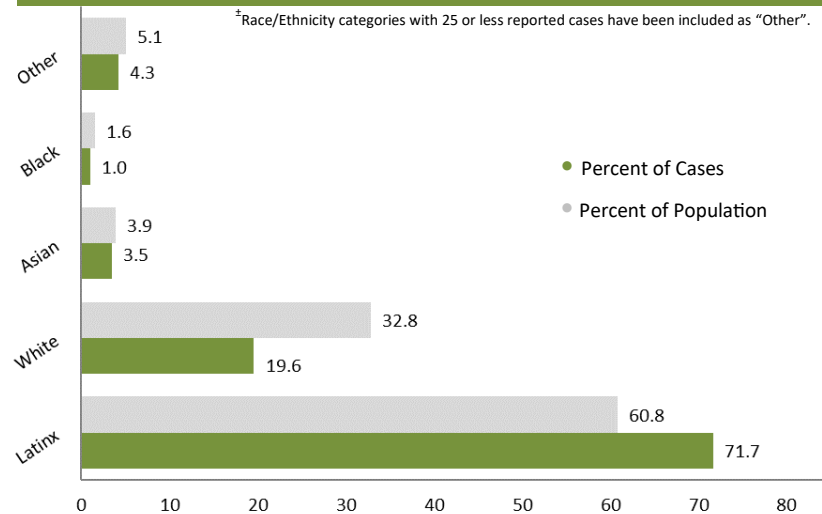
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Case Demographics

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 | 1,616 |
| Unvaccinated | 27 | 111 | 309 | 239 | 212 | 169 | 243 | 758 | 970 | 707 |

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 | 163 |
| B.1.526 | 6 |
| P.1 | 7 |
| B.1.617.2 | 412 |
| B.1.1.529 | 422 |

Cases by City/Zip Code and County

| County | Cases | Population | Rate * |
|-------------|---------|------------|--------|
| San Benito | 14,843 | 64,022 | 47.1 |
| Santa Clara | 393,774 | 1,967,585 | 47.2 |
| Santa Cruz | 57,163 | 270,861 | 36.2 |
| Monterey | 88,772 | 448,732 | 24.2 |
| Merced | 67,028 | 288,420 | 27.2 |

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

