



San Benito County Public Health Services

COVID-19 UPDATE: OCTOBER 7, 2021

Epidemiologic Week 40: 10/3/2021 - 10/9/2021

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



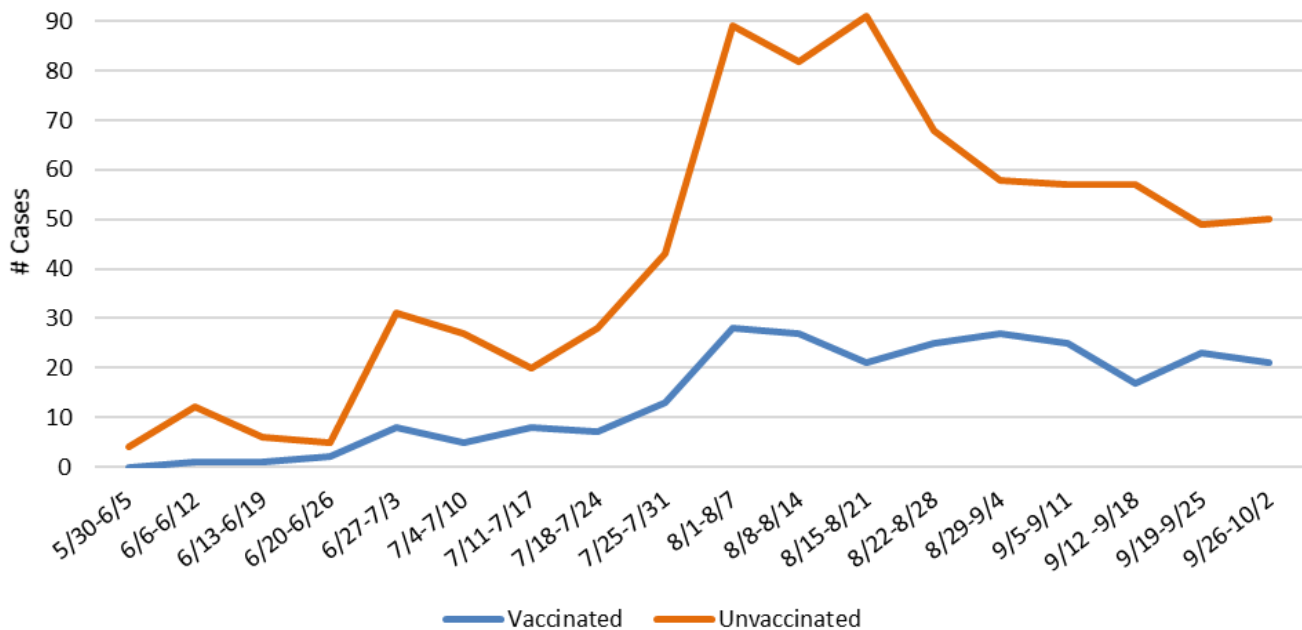
COVID-19 Snapshot

| Total Cases | Active | Recovered | Deaths |
|------------------|------------------|------------------|----------------------|
| 7,150 | 98 | 6,981 | 71 |
| Hospitalizations | Negative Results | Fully Vaccinated | Partially Vaccinated |
| 303 | 38,271 | 35,037 | 4,424 |

San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. Since October 5, 2021, twenty-four new cases have been reported, for a total of 7,150 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. The most recent death was an unvaccinated individual, aged 38 years, with zero pre-existing conditions. Fifty-three percent (3,763 of positive cases reported) were female; ages ranged from 15 days to 101 years (median: 35 years). All results included in this update are current to October 7, 2021 at 2:30PM.

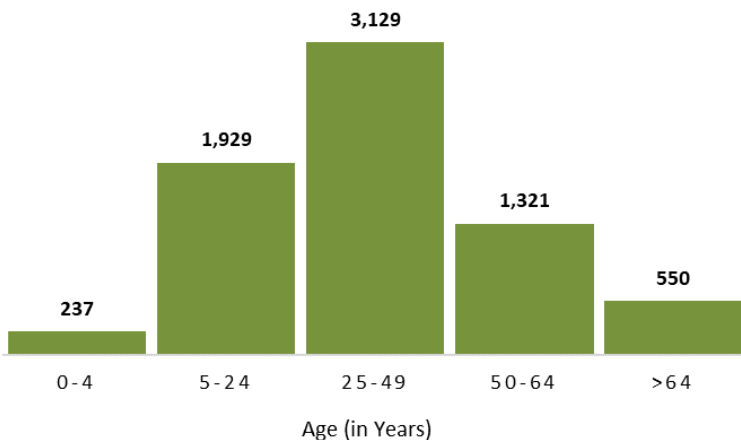
Epi. Curve

Weekly Cases by Vaccine Status



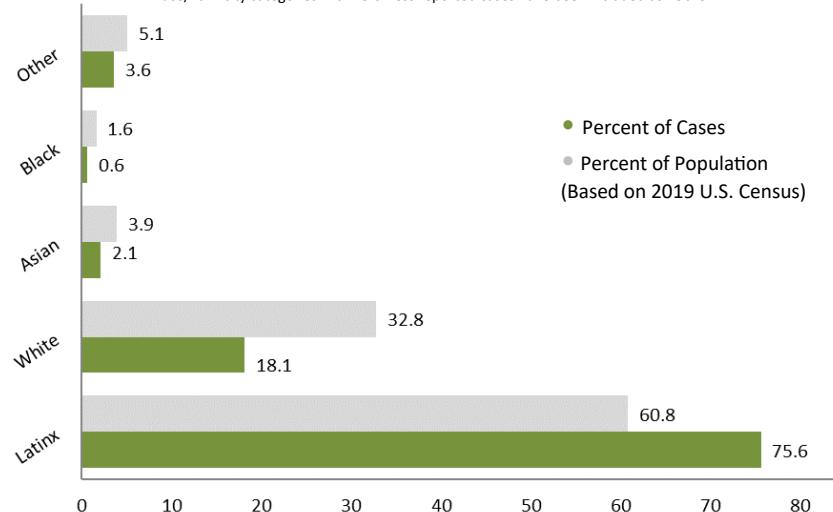
Case Demographics

SBC COVID-19 Cases by Age Group



Cases in SBC by Known Race/Ethnicity[±]

[±]Race/Ethnicity categories with 15 or less reported cases have been included as "Other".





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Variants

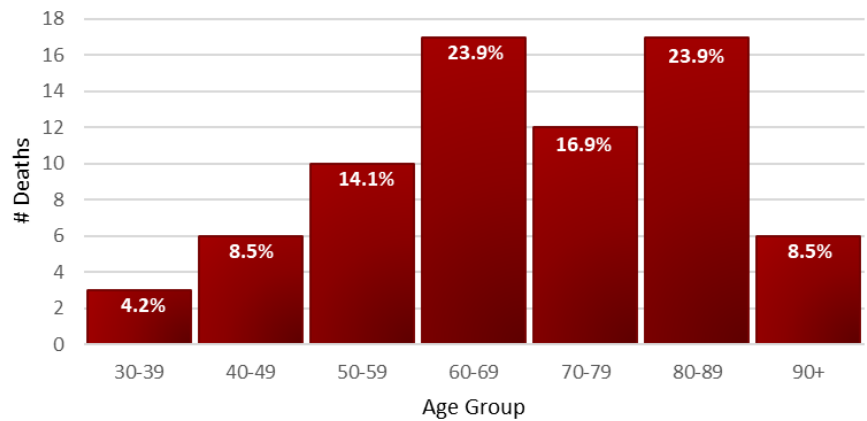
- **B.1.1.7** (Alpha) variants are associated with approximately 50% increased transmission, and likely with increased disease severity and risk of death. Appears to have minimal impact on the effectiveness of treatments with antibodies.
- **B.1.351** (Beta) variants are associated with approximately 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).

Variants Identified in SBC

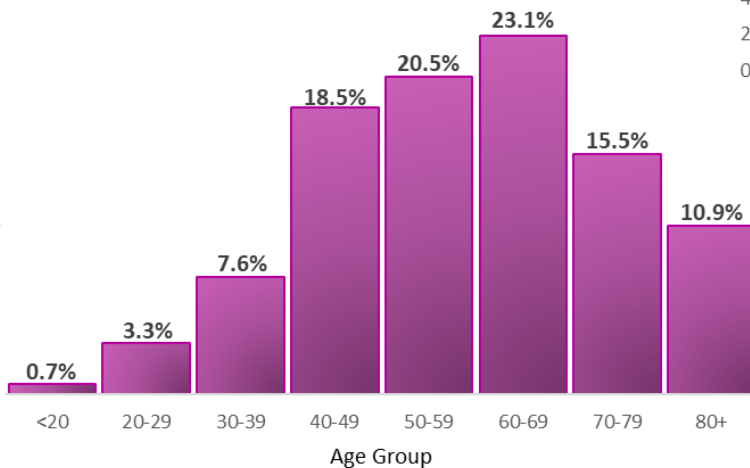
| Variant | # Cases |
|-----------------|---------|
| B.1.1.7 | 8 |
| B.1.351 | 3 |
| B.1.427/B.1.429 | 12 |
| B.1.526 | 1 |
| P.1 | 2 |
| B.1.617.2 | 172 |

Hospitalizations and Deaths

| | | | |
|-------------------------|--------------|-------------------------|----------------------|
| COVID-19 Related Deaths | Total: 71 | Unvaccinated Deaths: 71 | Vaccinated Deaths: 0 |
| Male Deaths | 67.6% (n=48) | Female Deaths | 32.4% (n=23) |
| Average Age: | 69.2 Years | Age Range: | 38-101 Years |



% Hospitalizations



| | |
|---|---|
| Unvaccinated COVID-19 Required Hospitalizations | Vaccinated COVID-19 Required Hospitalizations |
| 298 (98.3%) | 5 (1.7%) |
| Average Age: 59.0 Years | Age Range: 2 Months - 97 Years |
| Male: 54.1% (n=164) | Female: 45.9% (n=139) |

Cases by City/Zip Code and County



| City | Cases | Population |
|-------------------|-------|------------|
| Hollister | 6,717 | 40,762 |
| San Juan Bautista | 289 | 2,140 |
| Remaining | 144 | 19,584 |

| County | Cases | Population | Rate * |
|-------------|---------|------------|--------|
| San Benito | 7,150 | 64,022 | 18.1 |
| Santa Clara | 142,662 | 1,967,585 | 7.5 |
| Monterey | 48,334 | 448,732 | 7.1 |
| Merced | 41,455 | 287,420 | 31.2 |

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