

Colorado's COVID Response

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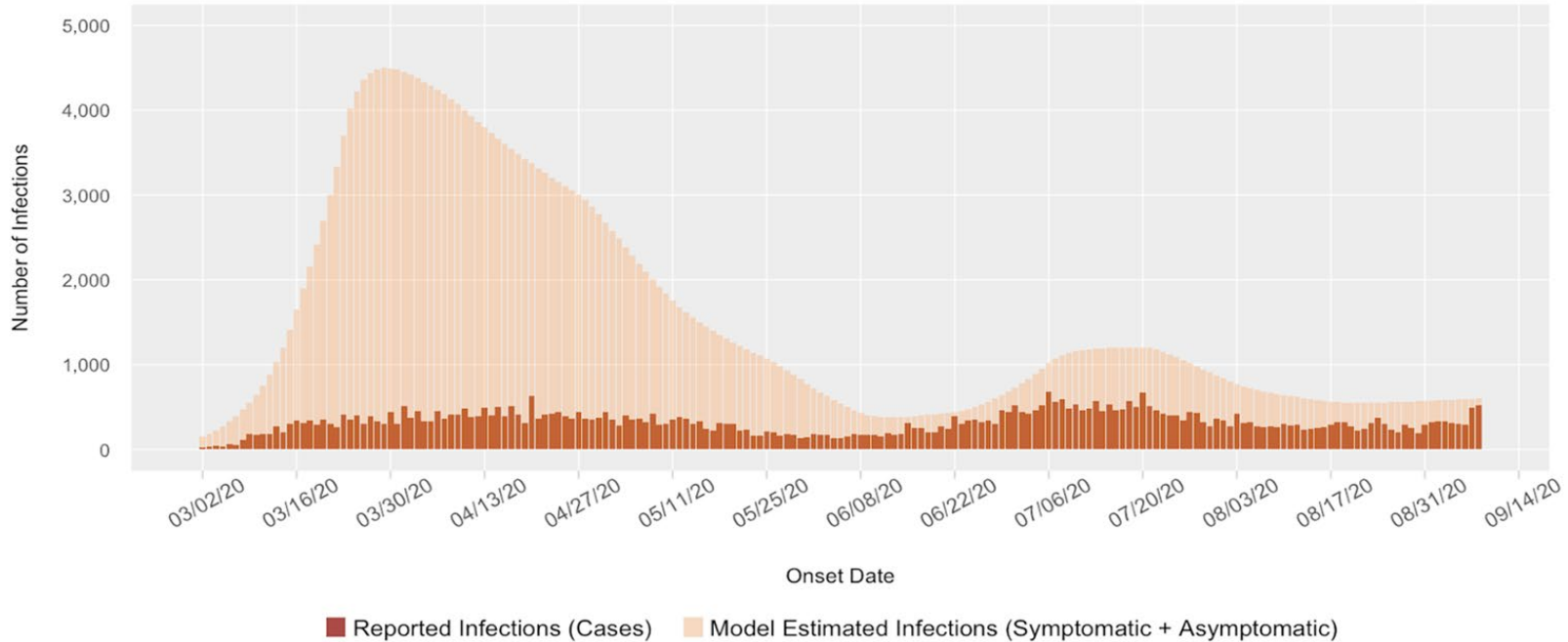
May 30, 2024



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Modeled number of infections was significantly higher than reported infections

Comparison: Model Estimation of Total Daily Number of COVID-19 Infections (Including Asymptomatic) vs. Daily Reported COVID-19 Infections (Cases) by Date of Onset, Colorado 2020

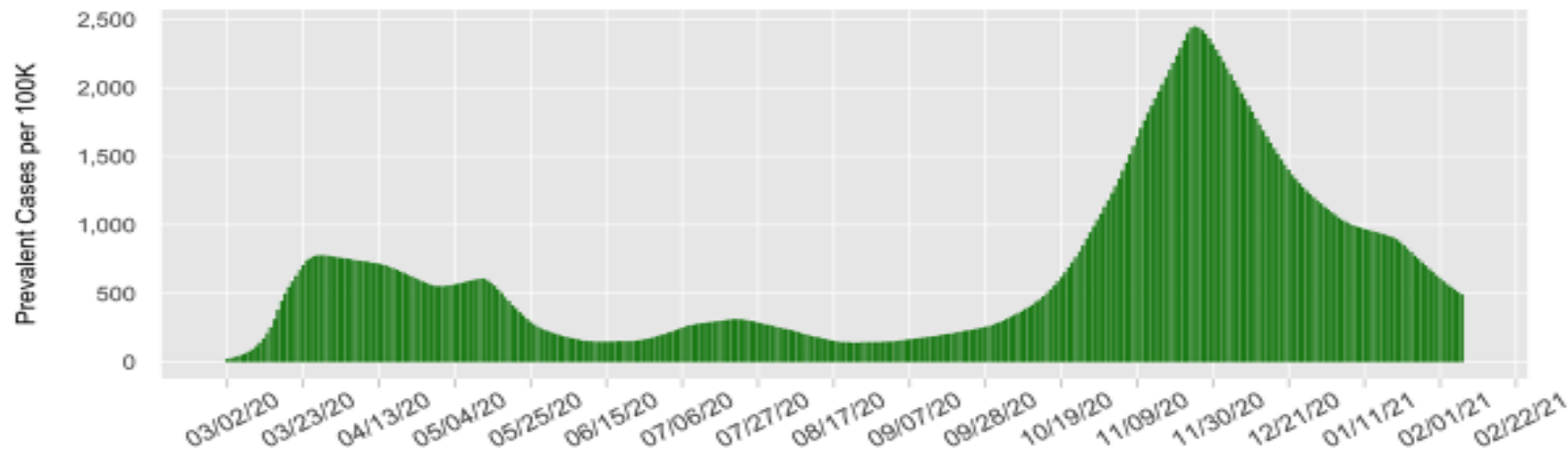


1 in every 219 Coloradans are infectious (2/8/21)

An estimated 1 in every 219 Coloradans are infectious as of 02/08

Prevalence is below the April 2020 peak.

Model Estimated Daily Active COVID-19 Infections



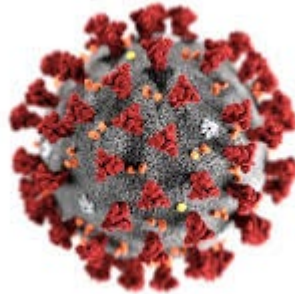
We estimate that 460 of every 100,000 Coloradans are currently infectious (95% CI: 380, 540).

These estimates are sensitive to model assumptions, including assumptions about the probability an infected individual will be symptomatic and require hospital care, assumed to vary by age.

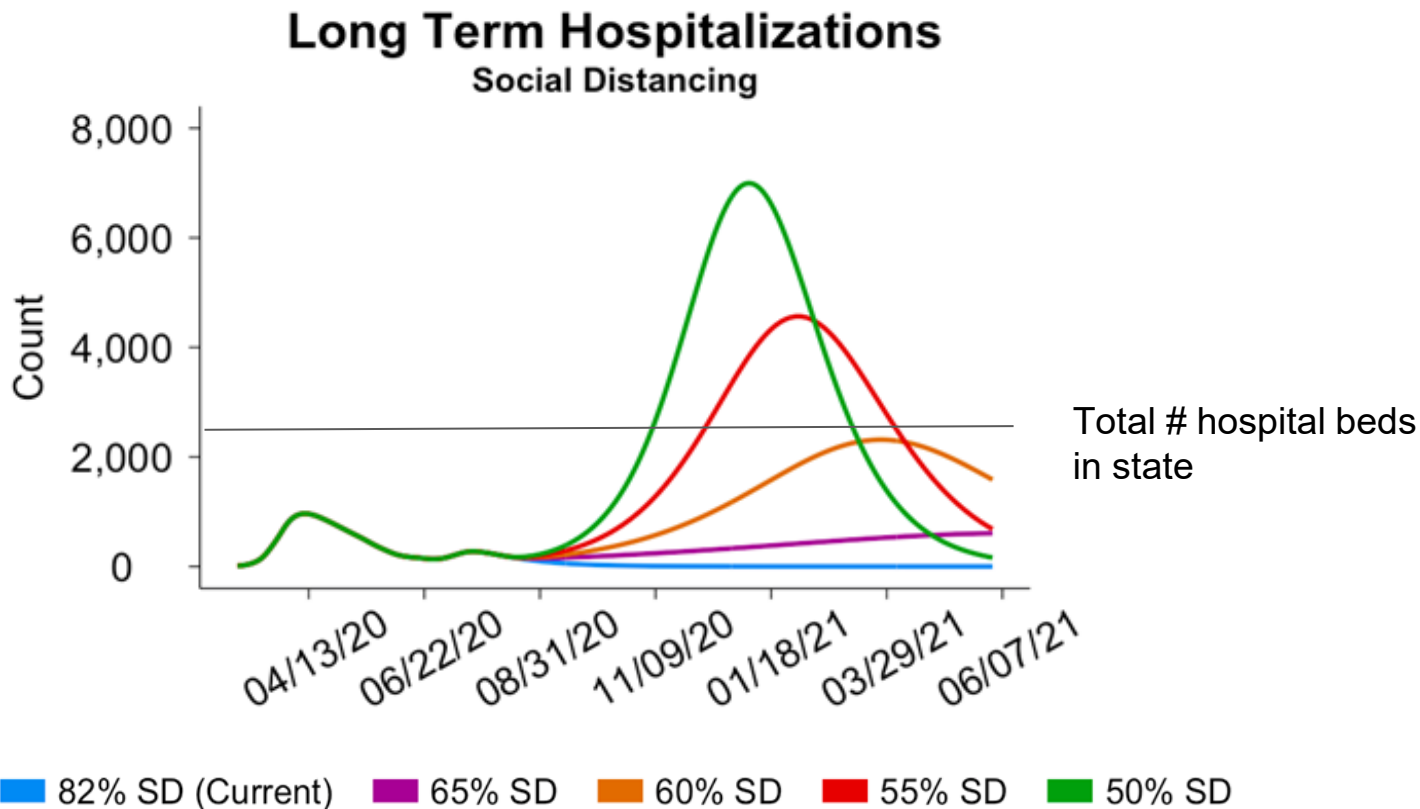


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“To protect hospital capacity while also balancing economic and social well-being.”



Modeling: The number of hospital beds that will be required in the future and level of social distancing needed to prevent an overrun of the hospitals



Hospitalized COVID patients vs beds available

Hospitalized COVID patients versus (7-day moving average*) of acute-care beds** available

*7-day average includes any given day, the previous 3 days, and the following 3 days.
**Acute-care beds include adult inpatient surgical beds

April 1, 2020 to June 30, 2022



Colorado Stats (end of emergency response)

US Rankings:

- 9th lowest for deaths per 100,000
- 20th lowest for cases per 100,000 over the course of the pandemic
- 8th highest in the % of 6 month-17-year-olds with an updated COVID-19 vaccine
- 11th highest for the % of adults 18 years and older who received an updated 2023-24 COVID-19 vaccine.

