

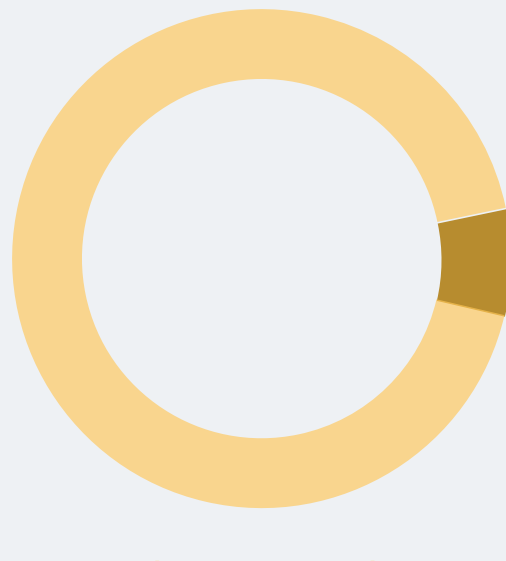
# STUDY: CORONAVIRUS REINFECTIONS

Analysis of electronic health records (EHRs) from March 2020-2023\*

## COVID-19 Cases

**3.1 m** adults had COVID

**93%**  
had COVID 1 time



**7%**  
had COVID 2 times

**1 in 15** adults had COVID two or more times.



## Severity of Reinfection

Almost **9 in 10** had a mild first case and mild second case.



**Among all reinfections:**

**87%** **Mild**  
Recover at home



**7%** **Mild-to-Moderate**  
Recover at home but had to visit hospital



**4%** **Moderate**  
Required hospital care



**< 1%** **Severe**  
Life support/critical care

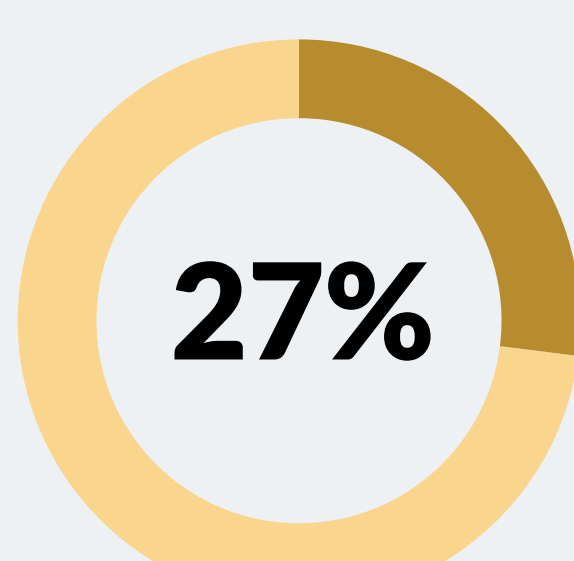


**< 1%** **Death**  
Passing within 60 days



## Hospital Care

**Severe first infections** often preceded **severe reinfections**.



People who required hospital care for a first COVID case also required hospital care for a second COVID case.

## Long COVID

**Long COVID** was more common after first infections compared to reinfections.



## Highlights & Resources

Findings from this analysis will inform studies to help reduce risks for and support recovery from COVID – including long COVID.



To learn more about this research, visit <https://recovercovid.org/publications>.

\*These findings represent data from electronic health records (vs. home tests) and therefore likely underestimate the number of adults who have had reinfections.

Source: Hadley E, Yoo YJ, Patel S, et al. Insights from an N3C RECOVER EHR-based cohort study characterizing SARS-CoV-2 reinfections and Long COVID. Commun Med. 2024; doi: 10.1038/s43856-024-00539-2.