



## COVID-19 Breakthrough Infection Fact Sheet

### Ask a Pharmacist Office Hours

1. “A vaccine breakthrough infection happens when a fully vaccinated person gets infected with COVID-19. People with vaccine breakthrough infections may spread COVID-19 to others.”<sup>1</sup>
2. Disease severity is a continuum. No vaccine is 100% effective at preventing disease.<sup>1</sup>
3. Fully vaccinated people who develop a breakthrough infection tend to have less severe disease and are much less likely to be hospitalized or die.<sup>1</sup>
4. Case and death rates by vaccination status:  
<https://covid.cdc.gov/covid-data-tracker/#rates-by-vaccine-status>
5. Vaccine efficacy data: <https://covid.cdc.gov/covid-data-tracker/#vaccine-effectiveness>

#### References:

1. Vaccine breakthrough infections: The possibility of getting COVID-19 after getting vaccinated. Centers for Disease Control and Prevention. <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/effectiveness/why-measure-effectiveness/breakthrough-cases.html>. Published December 17, 2021. Accessed February 22, 2022.



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