



COVID-19 Vaccine Safety Fact Sheet

Ask a Pharmacist Office Hours

- Reports of death following COVID-19 vaccination are rare. The mortality rate is approximately 1 in 45,000¹.
 - This includes all deaths following a vaccination, **whether the vaccine is believed to have caused the death or not.**
 - Death rate from COVID-19 in the United States since the start of the pandemic is approximately 1 in 78².
 - As of November 2021, unvaccinated patients were 13 times more likely to die from COVID-19 compared to vaccinated patients²
- Other serious adverse events following vaccination are equally rare¹:
 - Anaphylaxis (severe allergic reaction): 1 in 200,000
 - Thrombosis with thrombocytopenia syndrome (TTS): 1 in 322,000 with the Johnson & Johnson/Janssen vaccine. Mortality rate from this adverse event following this vaccine is 1 in 2,000,000.
 - Myocarditis and pericarditis: Approximately 1 in 435,000 (confirmed cases)

References

1. Safety of covid-19 vaccines. Centers for Disease Control and Prevention. <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/safety-of-vaccines.html>. Published January 10, 2022. Accessed January 14, 2022.
2. Coronavirus in the U.S.: Latest Map and case count. The New York Times. <https://www.nytimes.com/interactive/2021/us/covid-cases.html>. Published March 3, 2020. Accessed January 17, 2022.



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