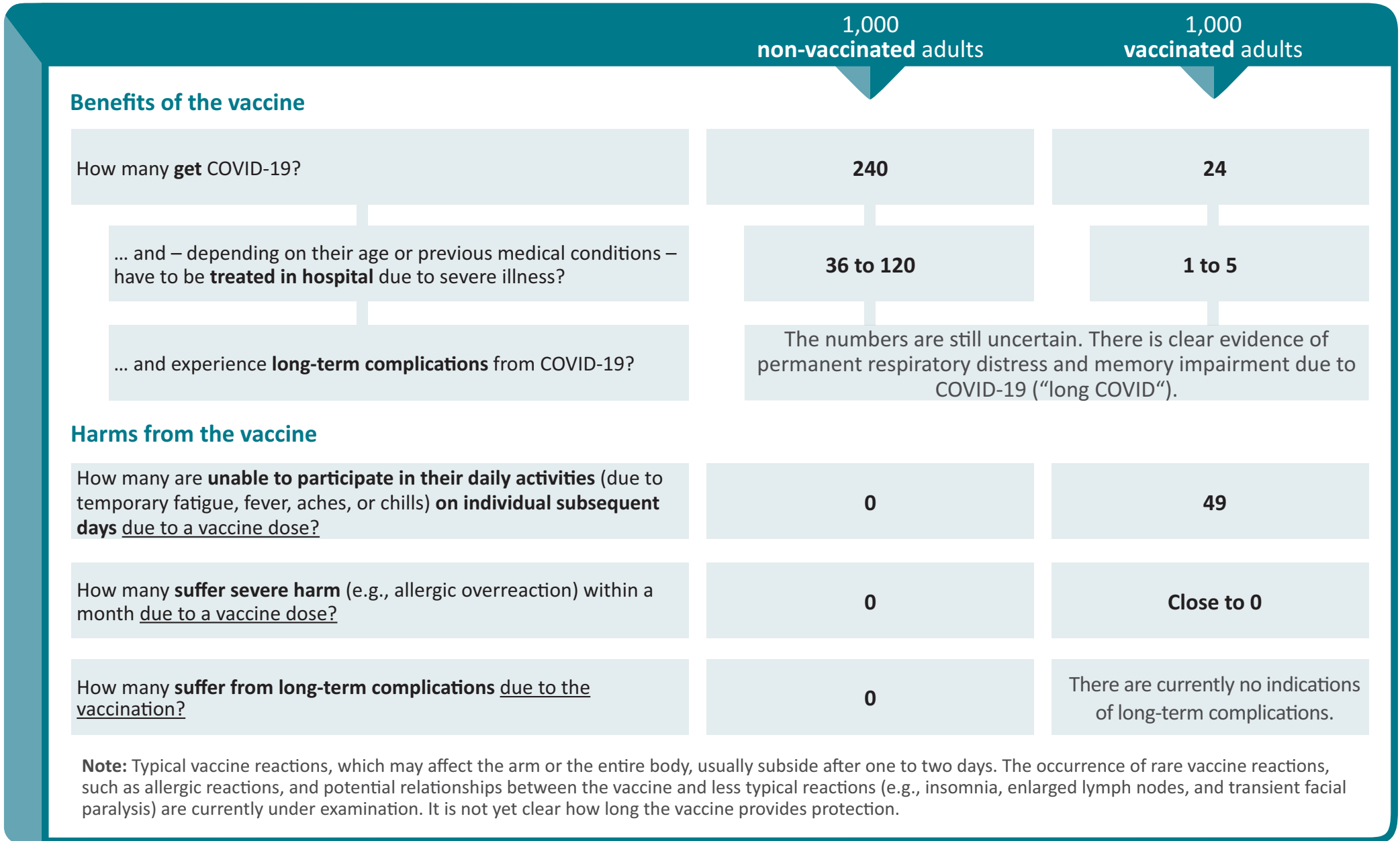


# Fact box: How safe and effective are COVID-19 mRNA vaccines for adults aged 60 years or older?

This fact box compares adults aged about 60 years and older who have not been vaccinated against COVID-19 (left side) with vaccinated adults (right side). It is assumed that 240 out of 1,000 unvaccinated people will get sick. This is comparable to your risk of getting sick if you have close contact with someone who is infected.



Last update: 14 April 2021 | To view the studies, uncertainties, and the latest version please visit [www.hardingcenter.de/en/fact-boxes](http://www.hardingcenter.de/en/fact-boxes)  
 Harding Centre for Risk Literacy (Faculty of Health Sciences Brandenburg, University of Potsdam)

Sources for the vaccines Comirnaty (manufacturer BioNTech/Pfizer) and Moderna (manufacturer Moderna): Baden 2020. NEJM; BioNTech & Pfizer 2020. [www.comirnatyeducation.de](http://www.comirnatyeducation.de); CDC 2021. MMWR; EMA 2020. [www.ema.europa.eu](http://www.ema.europa.eu); FDA 2020. FDA Briefing Document; Polack 2020. NEJM; RKI 2020. reporting data; STIKO 2021. Epidemiological Bulletin.