

# How Long Does COVID-19 Vaccine Protection Last?

We looked at how mRNA and adenovirus vaccines protect over time against Omicron variants

**INFECTION**  
70% protection needed



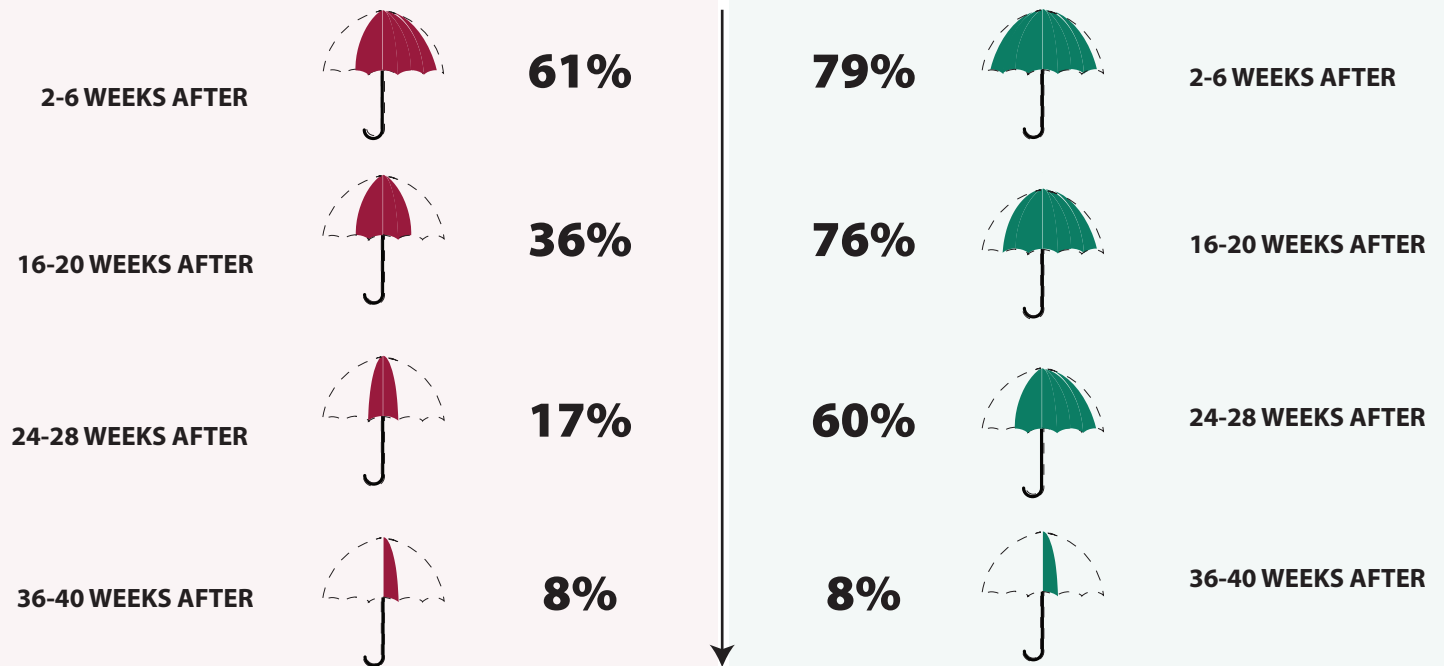
According to the World Health Organization, COVID vaccines need to offer us at least this much protection to be effective:



**HOSPITALIZATION**  
90% protection needed

## Here's how the level of protection changes over time

### After full vaccination



### After one booster vaccine



This infographic was created in April 2023 by general public partners working with a research team affiliated with the COVID-END and SPOR Evidence Alliance initiatives.



Learn more: [www.tinyurl.com/covidend-Apr2023](http://www.tinyurl.com/covidend-Apr2023)