

Studies to date that showed COVID-19 vaccines reduce asymptomatic infection (transmission)

Setting	Finding of xx% reduction in asymptomatic	Reference
Healthcare workers in England	86%	Hall SSRN , February 22, 2021
Healthcare workers in Israel	75%	Amit, Lancet , March 6, 2021
Patients in Mayo Clinic health system	88.7%	Pawlowski medRxiv , February 27, 2021
Israel Ministry of Health (nationwide)	94%	Pfizer press release , March 11, 2021
Israel general population (Pfizer)	90%	Dagan NEJM , February 24, 2021
Pre-surgical patients in Mayo Clinic system swabbed asymptotically	80%	Tande Clin Inf Dis , March 10, 2021
Healthcare workers in Cambridge University Hospitals	75%	Weekes Authorea , February 24, 2021
First-line responders and HCWs in US	90%	Thompson A. MMWR , March 30, 2021
Israel population (>16) with children unvaccinated	For every 20-point increase in adult vaccination, rates of kids testing positive halves	Milman O. Medrxiv . March 31, 2021

Nasal viral load values are most important determinant of transmissibility ([Lancet study](#)); Nasal viral loads from post-vaccination exposures [are low](#) and [likely noninfectious](#) per CT values (use [rapid antigen tests](#) after vaccination if want to test symptomatic)