COVID cases among fully vaccinated Individuals in Massachusetts

December 20, 2021
COVID Cases, Hospitalizations and Deaths in vaccinated residents, over time

Per capita COVID cases for individuals 12+ years of age

(July 11, 2021 – November 28th, 2021)

Source: MA DPH
Per capita COVID-19 case rates in boosted, fully vaccinated, and unvaccinated populations in Massachusetts

Per capita COVID cases for individuals 12+ years of age
(August 29, 2021 – December 4, 2021)

Last week, unvaccinated individuals were 31x more likely to be infected with COVID than boosted individuals

Source: MA DPH

1. Cases by vaccination status are not age-adjusted
Deaths among fully vaccinated by age in Massachusetts

Deaths among fully vaccinated individuals by age
(Dec 27, 2020 – Dec 4, 2021)

- **12 to 29**: 19,296 deaths (100%)
- **30 to 59**: 48,963 deaths (99.9%)
- **60+**: 22,562 deaths (97.1%)

Source: MA DPH
Comparing average weekly cases per 100K among boosted, fully vaccinated, and unvaccinated in MA to other states

Average weekly per capita COVID cases by state
(Oct 31, 2021 – Dec 4, 2021)

Cases among boosted in MA would place this population last among all states\(^1\)

1. Analysis includes cases per 100K in MA overall. Based on average weekly cases per 100K data between October 31, 2021 – December 4, 2021

Source: CDC, MA DPH, US Census
Hospitalization & Death Among Confirmed and Probable Breakthrough Disease Cases, 12/27/2020 – 12/4/2021

Since December 2020, 88,968 vaccinated residents were infected with COVID, comprising 2% of Massachusetts’ vaccinated population.

SOURCE: MA Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences

- Data are current as of 12/10/2021 and are subject to change
- Data includes breakthrough cases following 3rd dose/booster
- Death defined as an individual with vaccine breakthrough disease who died within 60 days of the date their breakthrough positive lab specimen was collected
- Hospitalization means an individual was admitted to a hospital following the date their breakthrough positive lab specimen was collected