

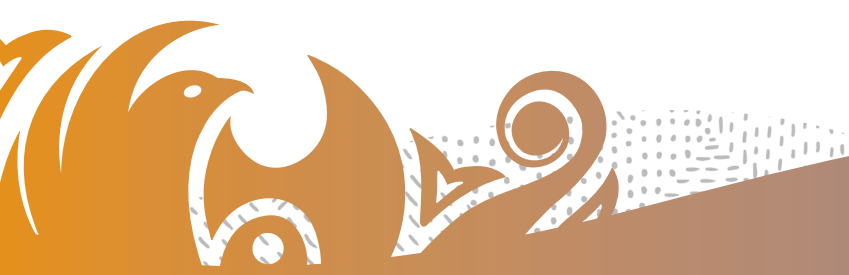
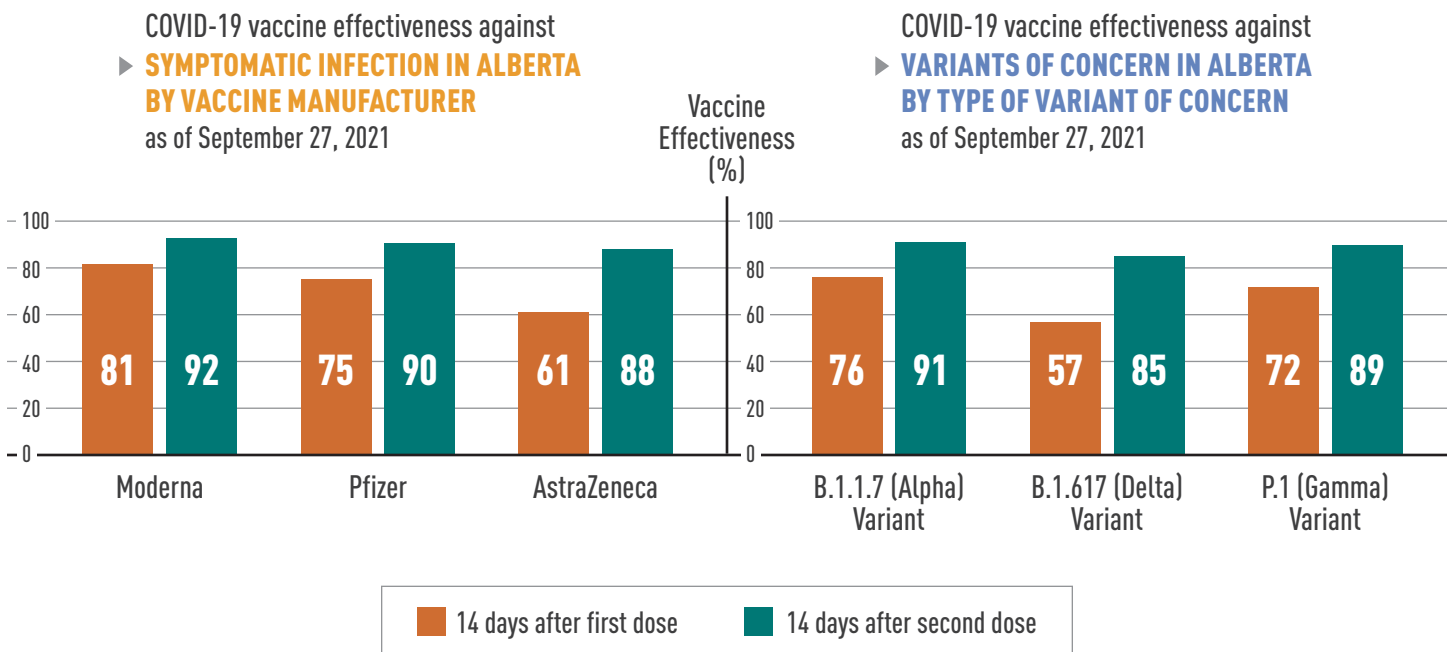
# PROTECTIVE EFFECTS OF THE COVID-19 VACCINES



Vaccination is one of the most effective ways to protect families, communities, each other and ourselves against COVID-19. Evidence indicates that the COVID-19 vaccines are safe and effective at preventing serious outcomes, such as severe illness, hospitalization and death due to COVID-19.

Two doses of the COVID-19 vaccine are needed for full protection. While current evidence shows good effectiveness after one dose, a second dose is essential for longer-lasting and optimal protection. Individuals are considered partially vaccinated 14 days after receiving a first dose, and fully immunized 14 days after the second dose of vaccine.

The graphs below illustrate the effectiveness of one dose versus two doses of COVID-19 vaccine against symptomatic illness and against variants of concern.



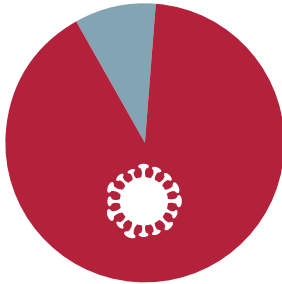


**0.3% or about three in every 1000 people with one dose** (9,462/3,082,058) were diagnosed with COVID-19 14 days after their first immunization date

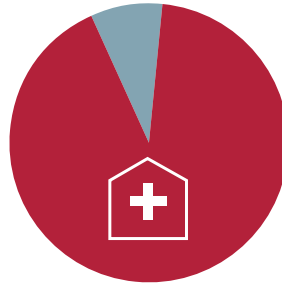
**0.5% or about five in every 1,000 people with two doses** (13,516/2,760,404) were diagnosed with COVID-19 14 days after their second immunization date

## COVID-19 OUTCOMES FOR FIRST NATIONS IN ALBERTA

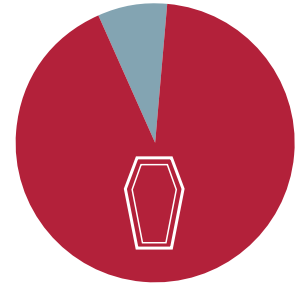
7,281 COVID-19 cases with immunization history reveal the effectiveness of the COVID vaccine. This data was collected between January 1, 2021 and September 27, 2021.



**90.1%** of COVID-19 cases were **unvaccinated** (6,557/7,281) or were diagnosed within two weeks after receiving their first dose of vaccine



**91.7%** of hospitalized cases were **unvaccinated** (343/374) or diagnosed within two weeks after receiving their first dose



**92%** of COVID-19 deaths were **in unvaccinated individuals** (46/50) or individuals diagnosed with COVID-19 within two weeks after receiving a first dose of vaccine

Data sources:

- FNIHB COVID-19 ER System via Synergy in Action
- FNIHB CHIP system via Okaki Slice Analytics
- Alberta Health (September 27, 2021): [alberta.ca/stats/covid-19-alberta-statistics.htm#highlights](https://alberta.ca/stats/covid-19-alberta-statistics.htm#highlights)

