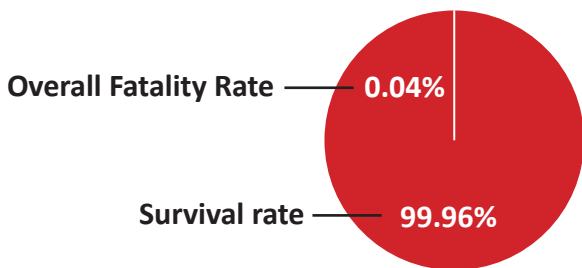


# Covid Statistics Alberta

Data was accessed on April 4, 2021

## Deaths with Covid (Mortality Rate)



Fatality Rates = Based on 1,998 Deaths

Overall Fatality Rate = 0.05% (1,998/4,428,112)

Survival rate = 99.95 (4,428,112-1,998)/4,428,112

Case Fatality Rate = 1.40% (1,998/{153,194-10,582})

Infection Fatality Rate = 0.24% (1,998/{901,141-83,003})

<https://www.alberta.ca/stats/covid-19-alberta-statistics.htm>

## Population

Population total = 4,428,112

Total PCR tests taken = 3,765,738

Total people tested = 1,923,707

Confirmed/Unconfirmed cases = 153,194

<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1710000901>

<https://www.alberta.ca/coronavirus-info-for-albertans.aspx>

## Purported Cases with Covid

PCR Cycle Threshold 35 - 40 <https://www.sciencedirect.com/science/article/pii/S138665322030175X>

Total Positive PCR tests and probable cases, all time = 153,194

% tested = 43.44% (1,923,707/4,428,112)

% positive = 4.07% (153,194/3,765,738)

% negative = 95.93% ({3,765,738-153,194}/3,765,738)

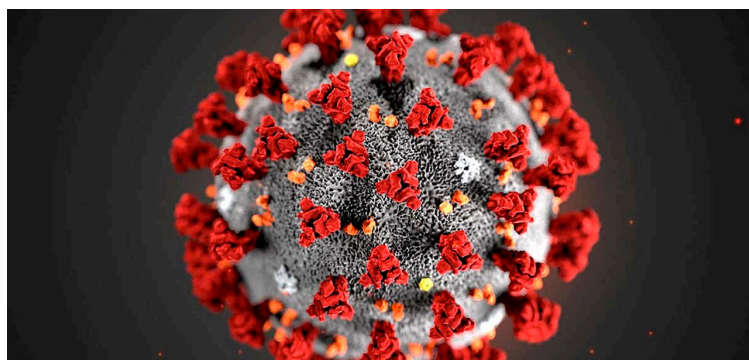
% unresolved/population total = 0.24%

(10,582/4,428,112)

<https://www.alberta.ca/coronavirus-info-for-albertans.aspx>

Estimated total cases including antibody testing

= 901,141 (153,194/.17) <https://globalnews.ca/news/7235508/alberta-covid-19-update-july-30/>



## Hospitalizations with Covid

# Patients in hospital = 312 (includes those in ICU)

# Patients in ICU = 76 <https://www.alberta.ca/coronavirus-info-for-albertans.aspx>

## Deaths by Age

0-19	0
20-39	19 (0 deaths since March 18/21)
40-59	101 (2 deaths since March 18/21)
60-69	208 (10 deaths since March 18/21)
70-79	398 (14 deaths since March 18/21)
Over 80	1,271 (15 deaths since March 18/21)

Average age of deaths with Covid 81

<https://www.alberta.ca/stats/covid-19-alberta-statistics.htm#severe-outcomes>

Average provincial life expectancy 81.6

<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1310011401>

Total Deaths Alberta 2019 26,138

<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1310070801>

## Definitions

**Case Fatality Rate** - considers deaths versus resolved cases. Calculate by taking total deaths divided by {total positive PCR tests and probable cases (minus current unresolved cases)}(tested and probable).

**Infection Fatality Rate** - total deaths/estimated total confirmed/unconfirmed.

**Overall Fatality Rate** - total deaths with Covid/Total population (also called Mortality Rate).

All information provided by Government of Alberta/Statistics Canada/referenced sources - none of which has been verified by third party.