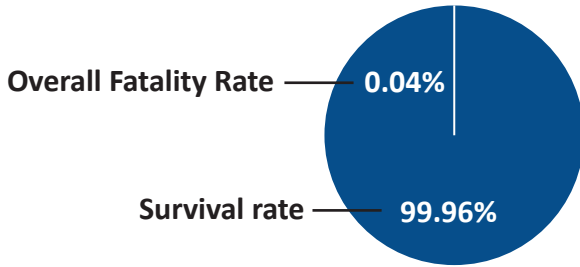


Covid Statistics Alberta

Data was accessed on April 22, 2021

Deaths with Covid (Mortality Rate)



Fatality Rates = Based on 2,054 Deaths

Overall Fatality Rate = 0.05% (2,054/4,428,112)

Overall Survival rate = 99.95% $\{(4,428,112 - 2,054) / 4,428,112\}$

Case Survival Rate = 98.70% $\{1 - (2,054 / \{177,087 - 19,182\})\}$

Infection Survival Rate = 99.78% $\{1 - (2,054 / \{1,041,688 - 112,835\})\}$

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

Population

Population total = 4,428,112

Total PCR tests taken = 4,016,838

Total people tested = 1,997,738

Confirmed/Unconfirmed cases = 177,087

<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 = 177,087

% tested = 45.11% $(1,997,738 / 4,428,112)$

% positive = 4.41% $(177,087 / 4,016,838)$

% negative = 95.59% $\{(4,016,838 - 177,087) / 4,016,838\}$

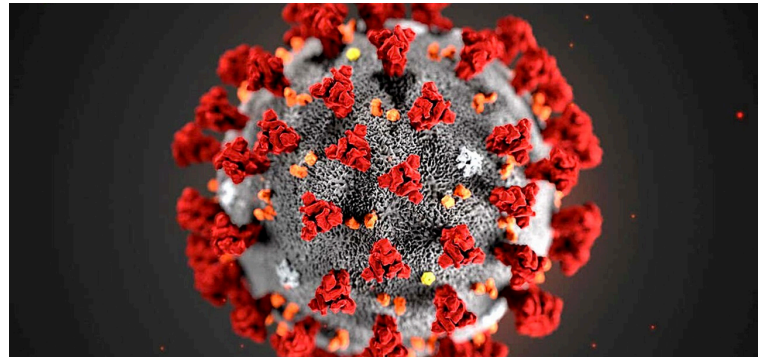
% unresolved/population total = 0.43%

$(19,182 / 4,428,112)$

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

Estimated total cases including antibody testing

= 1,041,688 $(177,087 / .17)$ <https://globalnews.ca/news/7235508/alberta-covid-19-update-july-30/>



Hospitalizations with Covid

Patients in hospital = 518 (includes those in ICU)

Patients in ICU = 116 <https://www.alberta.ca/coronavirus-info-for-albertans.aspx>

Deaths by Age

| | |
|---------|-------|
| 0-19 | 0 |
| 20-39 | 19 |
| 40-49 | 31 |
| 50-59 | 75 |
| 60-69 | 226 |
| 70-79 | 412 |
| Over 80 | 1,290 |

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 Survival 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 Survival 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.