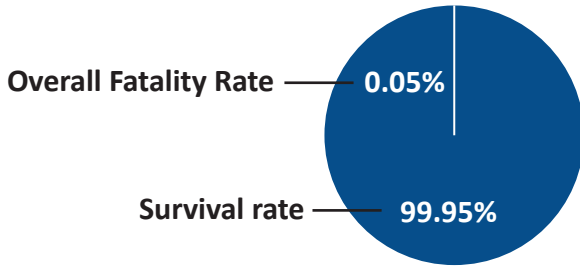


Covid Statistics Alberta

Data was accessed on May 3, 2021

Deaths with Covid (Mortality Rate)



Survival Rates = Based on 2,090 Deaths
Overall Fatality Rate = 0.05% (2,090/4,421,876)
Overall Survival rate = 99.95% $\{(4,421,876-2,090)/4,421,876\}$
Case Survival Rate = 98.80% $\{1-(2,090/\{196,910-23,608\})\}$
Infection Survival Rate = 99.79% $\{1-(2,090/\{1,158,294-138,871\})\}$
<https://www.alberta.ca/stats/covid-19-alberta-statistics.htm>

Population

Population total = 4,421,876

Total PCR tests taken = 4,183,066

Total people tested = 2,052,795

Confirmed/Unconfirmed cases = 196,910

<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 = 196,910

% tested = 46.42% $(2,052,795/4,421,876)$

% positive = 4.41% $(196,910/4,421,876)$

% negative = 95.59% $\{(4,421,876-196,910)/4,421,876\}$

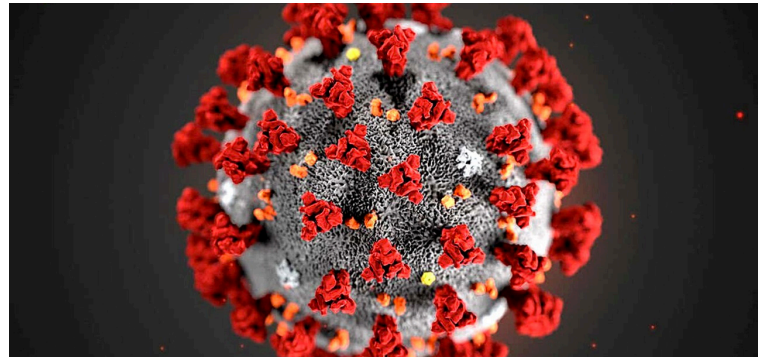
% unresolved/population total = 0.43%

$(23,608/4,421,876)$

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

Estimated total cases including antibody testing

= 1,158,294 $(196,910/.17)$ <https://globalnews.ca/news/7235508/alberta-covid-19-update-july-30/>



Hospitalizations with Covid

Patients in hospital = 658 (includes those in ICU)

Patients in ICU = 154 <https://www.alberta.ca/coronavirus-info-for-albertans.aspx>

Deaths by Age

0-19	0
20-39	19
40-49	32
50-59	81
60-69	230
70-79	425
Over 80	1,301

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.