Canada: Covid-19 Insights

Global Access
May 2020 (data as of May 17, 2020)
LEGAL STATEMENT

Roche has made an effort to provide useful and accurate information in this document as a professional courtesy. However, since information related to COVID-19 is in a constant state of flux, the information provided may not be comprehensive, correct or up-to-date, and is therefore provided “as is”, without warranties or representations of any kind. This means that we do not promise you that this document will meet your needs, or that this document will be error-free or that errors will be corrected. We make no warranty as to the accuracy or reliability of any information.

This document is for informational and educational purposes only and is not a substitute for professional judgment or advice. Roche does not, through this document or otherwise, provide medical, legal, public health, policy or other advice. Roche is not, or will not be, liable or otherwise responsible for any decision made or any action taken or any action not taken due to your use of the information contained in this document.

Roche grants you a limited, personal, non-exclusive and non-transferable license to use and to display this document for non-commercial use (“Permitted Purposes”). You have no other rights in this document. If you make copies of any of this document for Permitted Purposes, then we ask that, on all copies, you be sure to keep all of our copyright and other notices as they appear in this document.
Confirmed Covid-19 Cases in Canada Represent <2% of the Global Cases

Though do confirmed cases capture the ground reality of the outbreak?

Source: European Centre for Disease Prevention and Control

Data as of May 17, 2020
Covid-19 Testing Rates in Canada are amongst the Highest in the World …Likely painting a more accurate picture of the Covid-19 situation in the country

Source: Ourworldindata, Worldometer

Data as of May 17, 2020
A Correction Factor of 5x to Estimate the True Covid-19 Cases in Canada

…Which would mean a true incidence of 230,000 – 380,000 (attack rate: 1%)

Source: Roche Internal Epidemiology Model

Data as of May 17, 2020
Covid-19 Fatality Ratio Appear Closer to the Global Average
Indicating greater reliance on healthcare resources (~9% requiring hospitalization)

Source: European Centre for Disease Prevention and Control, Worldometer
Data as of May 17, 2020
Lockdown Measures Implemented Later than the Global Average of 25 Days
Canada yet to relax their mitigation strategies which have helped in containing the time to doubling of Covid-19 cases to 27 days

Source: European Centre for Disease Prevention and Control, Secondary literature search for country-specific Lockdown dates

Data as of May 17, 2020
Canada has Begun to Bend the Curve for New Covid-19 Cases and Related Deaths

Source: European Centre for Disease Prevention and Control, Google Covid-19 Mobility Reports

Data as of May 17, 2020
Relaxation Analogues

Italy & Switzerland eased lockdown measures on reaching doubling of cases every 30 days while Germany at 20 days. Impact of relaxation yet to be demonstrated though single day spikes observed in Korea.

Source: European Centre for Disease Prevention and Control, Secondary literature search for country-specific Lockdown dates

Data as of May 17, 2020
While Canada may have experienced peak case volume in April 2020, relaxation measures need to be implemented with caution. Need for measures such as mandatory mask enforcements to limit the spread of the virus.

Source: Roche Internal Epidemiology Model

Data as of May 17, 2020
Doing now what patients need next
What Countries Are Prioritizing The Economy & Saving Lives By Making Masks Mandatory In Public?

60+ countries have made masks mandatory in public because they’re recommended by the U.S. and Chinese CDCs, they’re proven to slow the spread of COVID-19 and thus save lives, help to end lockdowns, and help to restore the economy.