Information, Maps and Graphs updating the COVID-19 Pandemic as it happens:

CORONAVIRUS

Information provided by:

McIntyre Media

CTV

The advice and information presented in this brochure may change as we learn more about the virus.
This guide is a compilation of news coverage, maps and graphs from CTV, Canada’s leading news network. The items presented here are subject to change as knowledge of the COVID-19 virus grows.
What is a coronavirus?

Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus.

Coronaviruses are a large family of viruses which may cause illness in animals or humans. In humans, several coronaviruses are known to cause respiratory infections ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS) and Severe Acute Respiratory Syndrome (SARS). The most recently discovered coronavirus causes coronavirus disease COVID-19.

COVID-19 is the infectious disease caused by the most recently discovered coronavirus. This new virus and disease were unknown before the outbreak began in Wuhan, China, in December 2019.

Information from: World Health Organization

History

On Dec. 31, 2019, Chinese authorities alerted the World Health Organization of pneumonia cases in Wuhan City, Hubei province, China, with an unknown cause. What started as a mystery disease was first referred to as 2019-nCoV and then named COVID-19.

On January 1st, 2020, officials closed the Huanan seafood market, suspected to be the source of the mystery disease, as some of the patients presenting with the pneumonia-like illness were dealers or vendors at the market.

On January 7th, China identified new coronavirus as cause of the outbreak. Coronaviruses are a large family of viruses that can cause varying levels of disease, from common colds to severe fatal diseases. Usually found in animals, some can infect humans and transmit between humans. Both SARS and MERS are caused by a coronavirus.


On January 25th, the 2019-nCoV reaches more countries. Australia confirms the first case of 2019-nCoV in the continent, with health authorities announcing three more cases later in the day. France confirms three cases, the first in Europe. Malaysia also reports the first four cases, Canada reports its first case.


On March 8th, over 100 countries report cases of COVID-19.

On March 11th, WHO Director-General Tedros Adhanom Ghebreyesus declares the global COVID-19 outbreak a pandemic. "We are deeply concerned both by the alarming levels of spread and severity and by the alarming levels of inaction," he says, adding that “we have called every day for countries to take urgent and aggressive action.” The decision has been made based on input from experts both internally and externally.
Total Cases: 943
Includes 10 repatriated Canadians not on map

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<tr>
<th>Province</th>
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<tr>
<td>Total</td>
<td>943</td>
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880 confirmed  13 recovered  12 deaths  38 pending
March 21, 2020

Total Cases: 1146
Includes 12 repatriated Canadians not on map

1074 confirmed  15 recovered  13 deaths  44 presumptive
March 23, 2020

Total Cases: 2091
Includes 13 repatriated Canadians not on map

1937 confirmed 112 recovered 24 deaths 18 presumptive
Total Cases: 4757
includes 13 repatriated Canadians not on map

Cumulative New

Canada
Click map to view provincial cases

4326 confirmed 23 presumptive 353 recovered 55 deaths
CORONAVIRUS UPDATE - March 27, 2020

The outbreak by the numbers:

- Globally: 25,035 dead | 553,244 infected | 127,567 recovered
- Canada: 39 dead | 4,043 confirmed | 228 recovered | 13 presumptive
- British Columbia: 659 cases, 14 deaths, 183 recovered
- Alberta: 419 cases, 2 death, 3 recovered
- Saskatchewan: 86 cases
- Manitoba: 36 cases
- Ontario: 858 cases, 15 deaths, 8 recovered
- Quebec: 1,629 cases, 8 death, 3 recovered
- New Brunswick: 73 cases, 2 recovered
- Nova Scotia: 73 cases, 2 recovered
- Prince Edward Island: 5 cases, 1 recovered
- Newfoundland and Labrador: 82 cases
- Yukon: 3 cases
- Northwest Territories: 1 case
- Trenton (CFB quarantine): 13 cases

**Here's what's been happening in Canada as of March 27th:**

Cases double. Confirmed cases of COVID-19 in Canada nearly double, passing 4,000.

Wage subsidy hike. On Friday, Prime Minister Justin Trudeau boosted the wage subsidy for small- and medium-sized businesses to 75 per cent, a major increase from the previously promised 10 per cent subsidy.

Emergency benefits. Federal relief measures are underway, including the Canada Emergency Response Benefit, but individual provinces and territories have also announced emergency benefits.

Tory race suspended. The federal Conservative party postponed its June 27 leadership race and said it will re-evaluate the situation in May. The deadline to sign up new members has been pushed to May 15.

Isolation enforcement. Stories of Canadians defying self-isolation orders are surfacing -- as are the consequences they’re facing. In Quebec, a snowbird returning from the U.S. was blocked from entering grocery stores this week. In Newfoundland, a woman was arrested for the second time after allegedly disregarding a directive to self-isolate.

"It's dangerous." Trudeau called the defiance conduct disappointing and dangerous at a press conference Thursday, announcing the implementation of the Quarantine Act (see next page), making 14-day self-isolation mandatory for Canadians returning from abroad. "If you do not comply... you could face serious fines and even prison time," he said.

Interest rate cut. In an unscheduled move, the Bank of Canada cut its key interest target by half a percentage point.

Cash accepted. As businesses make adjustments to implement "contactless" purchases, some retailers have stopped accepting cash. But the Bank of Canada said Thursday that they should continue to take paper currency and simply adhere to hand-washing protocol to prevent further spread of the coronavirus.

The latest from global hot spots:

- United States: The U.S. now has more cases than any other country, with more than 86,000 infected.
- United Kingdom: Prime Minister Boris Johnson tested positive as cases in the U.K. neared 12,000.
- Italy: Cases in Italy are still rising but at a slower pace, suggesting lockdown measures are working.
- Spain: The death toll from the virus surpassed that of China this week, with more than 4,800 dead.
- China: While China touts its authoritarianism for slowing the spread of the virus, other say that's a myth.
What is the Quarantine Act?

Under the Quarantine Act, which received a major overhaul in 2005 following the SARS outbreak of 2003, the federal government can impose significant measures aimed at preventing the spread of a virus.

Has Canada always had a Quarantine Act?

According to the federal government, a piece of legislation bearing the same name went into effect shortly after confederation in 1872, but was left largely unchanged for more than a century. After the deadly SARS outbreak of 2003, however, the government acted on a recommendation to beef up the legislation. The act as we know it today received royal assent in 2005.

What's allowed under act?

The legislation gives the federal health minister sweeping powers to stop the spread of communicable diseases either in or out of Canada. Those measures include everything from routine screenings conducted by quarantine officers at airports to the sort of mandatory isolation orders issued on Wednesday.

Why is the government taking this step?

The measure was necessary to send a message about the importance of limiting the spread of COVID-19. The order comes after women in Quebec and Newfoundland and Labrador were arrested for violating provincial orders requiring to stay at home after travel abroad.

Does the government have any obligations under the act?

The legislation gives the government a fair bit of latitude to do whatever they feel is necessary to stop the spread of a disease that could pose a public health risk.

What happens if someone violates the Quarantine Act?

The federal government said maximum penalties include a fine of up to $750,000 and/or imprisonment for six months. Additionally, if a person causes a risk of imminent death or serious bodily harm to another person while wilfully or recklessly contravening the regulations, they could be subject to a fine of up to $1,000,000 or to imprisonment of up to three years, or to both.

This report by The Canadian Press was first published March 25, 2020.

Source: Government of Canada, The Canadian Press
How self-isolation helps stop the spread

Without self-isolation...
an infected person spreads the virus exponentially

With self-isolation...
the number of people at risk drops significantly
News of the Day: Prime Minister Justin Trudeau announces that as of noon Monday March 30th, boarding of domestic flights and trains will be denied to people showing any symptoms related to COVID-19.

Canada's deputy chief public health officer delivered a sobering assessment of the country's struggle with the COVID-19 pandemic. Dr. Howard Njoo said the fight is far from over, that it could include a second wave, and that we are certainly in it "for the long haul." "It's definitely months. Many months,"
March 29, 2020

News of the Day: Prime Minister Justin Trudeau announced that the United Way Canada will receive $9 million to distribute to local organizations that can help seniors by delivering items to them and connecting them to other organizations, while Kids Help Phone will receive $7.5 million to bring on additional counsellors. A more comprehensive program for Canadian charities, which have warned that the pandemic could threaten their survival, is expected to be announced in the near future.
The outbreak by the numbers as of Tuesday, March 31, 2020:

- Globally: 39,014 dead | 803,313 infected | 172,657 recovered
- Canada: 89 dead | 7,448 confirmed | 1,079 recovered | 13 presumptive
- British Columbia: 970 cases, 19 deaths, 469 recovered
- Alberta: 690 cases, 8 deaths, 94 recovered
- Saskatchewan: 176 cases, 2 deaths, 8 recovered
- Manitoba: 96 cases, 1 death, 2 recovered
- Ontario: 1,706 cases, 33 deaths, 431 recovered
- Quebec: 3,430 cases, 25 deaths, 29 recovered
- New Brunswick: 68 cases, 2 recovered
- Nova Scotia: 127 cases, 10 recovered
- Prince Edward Island: 18 cases, 1 recovered
- Newfoundland and Labrador: 148 cases, 1 death, 4 recovered
- Yukon: 5 cases
- Northwest Territories: 1 case
- Trenton (CFB quarantine): 13 cases

Here's what's been happening in Canada as of March 30th, 2020:

Cases pass 7,000.

Military gears up. Prime Minister Justin Trudeau said the Canadian Armed Forces are “gearing up” to help with the federal pandemic response effort. The military is preparing to focus on efforts to slow the spread, support vulnerable communities and assist with logistics and direct assistance to provinces or municipalities.

Air Canada layoffs. The airline has announced the temporary layoffs of some 16,500 staff through April and May.

VIA Rail checks. The passenger train service announced new travel precautions for people showing coronavirus symptoms. As of Monday at noon, domestic travel on trains and planes was banned for people with symptoms.

'Snitch line' calls. Police around the country are receiving calls from concerned citizens accusing neighbours of disobeying self-isolation directives. In Vancouver, there's concern the calls are clogging up the 911 line.

'Curtail' the curve. The Canadian doctor who has become the World Health Organization's leading expert on COVID-19 told CTV News Channel that Canada has been “doing all the right things,” but the biggest challenge remains identifying and isolating mild cases of the disease. “It’s going to need to be more than flattening the curve—it's flatten and curtail, or cut that curve as much as possible,” said Dr. Bruce Aylward. Visit our website to see the video: W5: Dr. W.H.O.

One-third under 40. New data released by the Public Health Agency of Canada revealed that one-third of COVID-19 cases in the country involve people under the age of 40. People over 60 make up more than half of hospitalizations.

'Super-spreaders' in Canada? The WHO estimates that one person with COVID-19 infects between 2 and 2.5 people, but so-called “super-spreaders” appear to infect large groups. No Canadians have been identified as a super-spreader yet, but some large clusters, like two funeral services in St. John's, suggest they could be out there.
March 31, 2020

**News of the Day:** Prime Minister Justin Trudeau has announced that the federal government is spending $2 billion to procure more diagnostic testing, ventilators, and personal protective equipment for front-line workers in the COVID-19 fight, with some supplies set to be ready within days.
April 1, 2020

Total Cases: 9017
Includes 13 repatriated Canadians not on map

Cumulative      New

Canada
Click map to view provincial cases

7503 confirmed  12 presumptive  1397 recovered  105 deaths
News of the Day: Worldwide the number of confirmed infections hit another gloomy milestone -- 1 million, with more than 50,000 deaths, according to the tally kept by Johns Hopkins University.

Toronto Mayor John Tory announces the new “physical distancing” bylaw - Anyone caught walking within two meters of another person in a Toronto public park or square may be subject to a fine of up to $5,000. The rule does not apply to people living within the same household.

The coronavirus outbreak has thrown 10 million Americans out of work in just two weeks, the swiftest, most stunning collapse the U.S. job market has ever witnessed,
CORONAVIRUS UPDATE - April 3, 2020

The outbreak by the numbers (as Friday, April 3, 2020):

- Globally: 54,369 dead | 1,033,478 infected | 218,864 recovered
- Canada: 138 dead | 11,283 cases | 1,971 recovered | 15 presumptive
- British Columbia: 1,121 cases, 31 deaths, 641 recovered
- Alberta: 968 cases, 13 deaths, 174 recovered
- Saskatchewan: 206 cases, 3 deaths, 36 recovered
- Manitoba: 167 cases, 1 death, 11 recovered
- Ontario: 2,793 cases, 53 deaths, 831 recovered
- Quebec: 5,518 cases, 36 deaths, 224 recovered
- New Brunswick: 91 cases, 22 recovered
- Nova Scotia: 193 cases, 16 recovered
- Prince Edward Island: 22 cases, 3 recovered
- Newfoundland and Labrador: 183 cases, 1 death, 10 recovered
- Yukon: 6 cases, 3 recovered
- Northwest Territories: 2 cases
- Trenton (CFB quarantine): 13 cases

Here’s what’s been happening in Canada as of April 3, 2020:

Cases pass 11,000. Since the last newsletter, officials confirmed nearly 4,000 new cases of COVID-19 in Canada.

Ontario forecasts that between 3,000 and 15,000 people in the province will die from COVID-19 with health measures that are already in place. Without any public health measures, the worst-case modelling forecasts up to 100,000 deaths. “That is not what we believe will happen,” Dr. Peter Donnelly, President and CEO, Public Health Ontario said at Queen’s Park on Thursday. “That is why we needed to do all the things we have done thus far and why we need to continue.” The Ontario government says, with the current physical distancing measures in place, that 1,600 people will die from the virus by April 30. Without any measures, 6,000 people could have been dead by the end of the month. The model forecasts that by April 30 there will be 80,000 cases of COVID-19 in Ontario. It suggests that without the current health measures in place, there would be 300,000 cases by the end of the month. The modelling predicts the COVID-19 pandemic could last between 18 months and two years. Donnelly stressed that these projections are not set in stone and will be updated as they receive new information.

‘Real risk.’ Prime Minister Justin Trudeau said that Canadians stuck abroad pose a “real risk” to the entire country once they return. The government is in the process of repatriating Canadians from Peru, Colombia, India, Pakistan, Poland, Cuba, Trinidad and Tobago, and various African countries. All will be required to self-isolate for 14 days.

‘Not enough’ PPE. The federal government is aggressively pursuing more personal protective equipment like masks after Health Minister Patty Hajdu said the country “likely did not have enough” in its stockpile.

Cruise ships dock. Canadian passengers aboard two cruise ships that finally docked in Florida after weeks at sea and days of negotiations, will be repatriated in the coming days and ordered into isolation when back in Canada.
April 3, 2020

Total Cases: 12389
Includes 13 repatriated Canadians not on map

Cumulative  New

Canada
Click map to view provincial cases

10003 confirmed 18 presumptive  2190 recovered  178 deaths