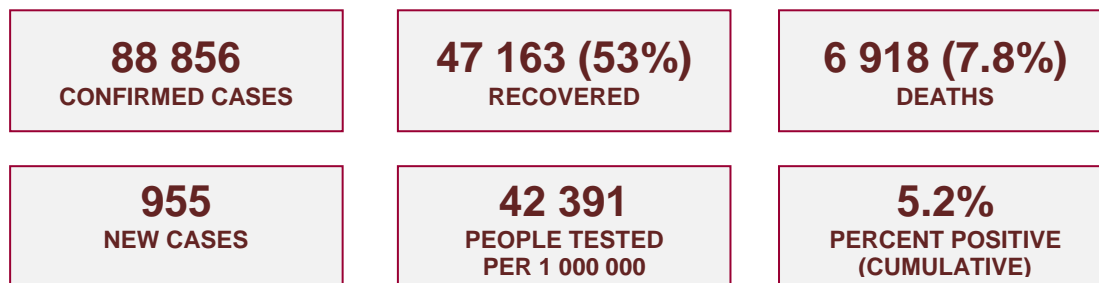


COVID-19 IN CANADA

CORONAVIRUS DISEASE 2019 (COVID-19) DAILY EPIDEMIOLOGY UPDATE

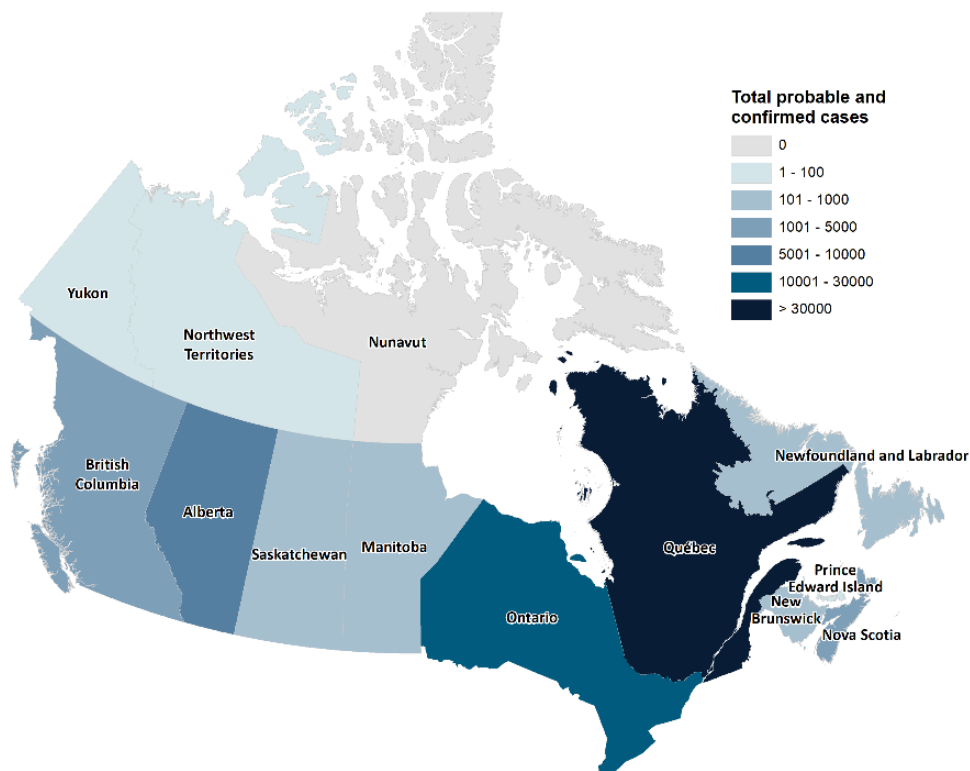
Updated: 29 May 2020, 11:00 ET



KEY UPDATES

- Newfoundland and Labrador reported its first new case in 20 days.
- There is a decreasing trend in the number of newly reported cases, although a slight increase in daily reported deaths is observed.
- The majority of cases (86%) and deaths (94%) continue to be reported from Quebec and Ontario.

Figure 1. Map of COVID-19 cases reported in Canada by province/territory (n=88 843*)



Data source: P/T websites. Map from NML Geomatics
*The total n excludes 13 repatriated travellers.

COVID-19 IN CANADA

NATIONAL OVERVIEW

- In the past 24 hours:
 - Five or fewer cases were reported in Saskatchewan, Manitoba, Newfoundland, New Brunswick and Nova Scotia. No new cases were reported in Prince Edward Island, Yukon, Northwest Territories and Nunavut.
 - No new deaths were reported in nine jurisdictions, and British Columbia and Alberta reported two deaths each.
- A decreasing trend in daily cases reported nationally :
 - Daily case counts over the past 7 days are **9.3% lower** than the 7 days prior (Figure 2).
- Upward trend in the number of new deaths being reported:
 - Daily reported deaths over the past 7 days are **6.6% higher** than the 7 days prior (Figure 3).
 - The majority of deaths (94%) were reported in Quebec (4 302) and Ontario (2 230).

Table 1. Summary of COVID-19 cases reported in Canada by location as of 29 May 11:00 ET

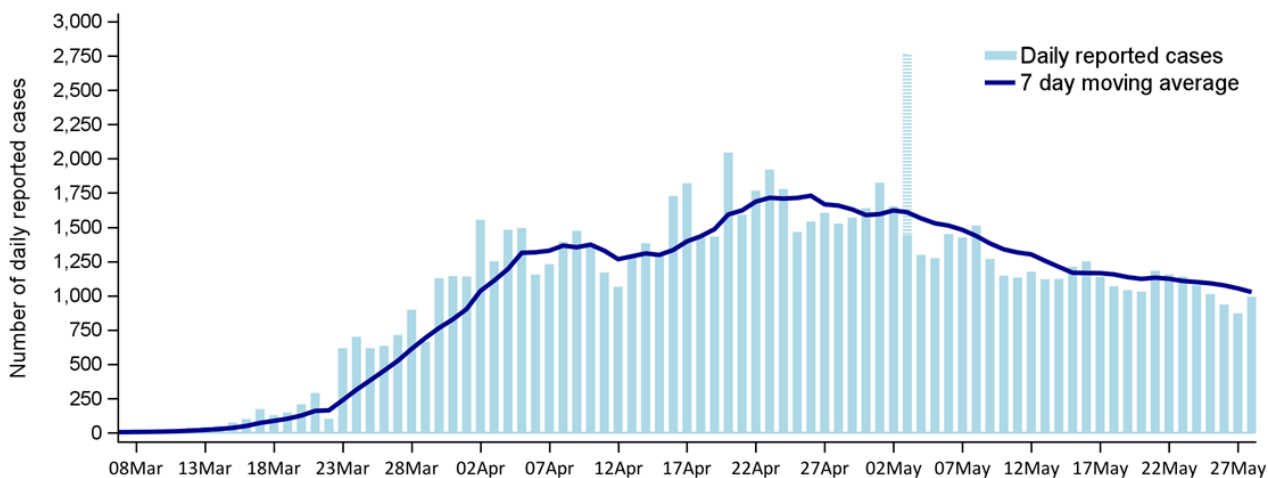
Location	Total cases	New cases reported in past 24 hours	Recovered	% Recovered	Total deaths	New deaths reported in past 24 hours
BC	2 558	9**	2 153	84%	164	2
AB	6 955	29	6 160	89%	143	2
SK	639	2	568	89%	10	0
MB	294	2	273	93%	7	0
ON	27 210	344	20 983	77%	2 230	41
QC	49 702	563	15 618	31%	4 302	74
NL	261	1	255	98%	3	0
NB	126	3	120	95%	0	0
NS	1 055	2	977	93%	59	0
PE	27	0	27	100%	0	0
YK	11	0	11	100%	0	0
NT	5	0	5	100%	0	0
NU	0	0	0	0%	0	0
Total*	88 856	955	47 163	53%	6 918	119

* Includes 13 cases identified in repatriated travellers (Grand Princess cruise ship travellers) who were under quarantine in Trenton in March 2020. Update on their status is not available.

** 9 new cases were reported in BC today, although the total has only increased by 8 compared to yesterday. One previously reported case has been removed by BC due to data correction.

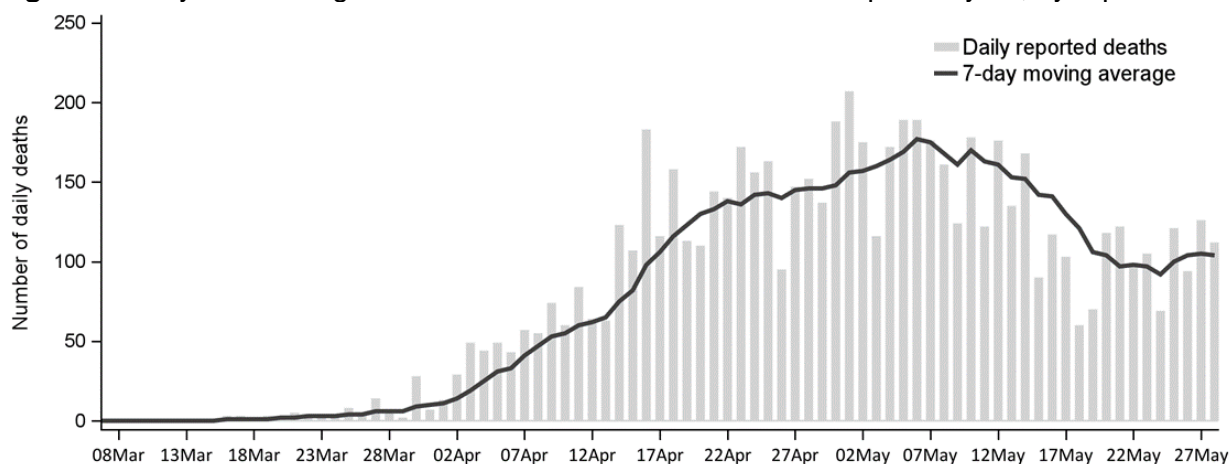
COVID-19 IN CANADA

Figure 2. Daily and average number of reported COVID-19 cases up to May 28, by reported date



Note: A seven-day moving average is the average number of cases over the previous seven-day period. It is recalculated daily. On May 3rd, Quebec reported 1 317 cases that were originally detected over the period April 2 to 30 (excluded from moving average calculation).

Figure 3. Daily and average number of COVID-19 related deaths up to May 28, by reported date



Note: A seven-day moving average is the average number of cases over the previous seven-day period. It is recalculated daily.

COVID-19 IN CANADA

PHAC receives detailed case information from provinces and territories. The epidemiology update is based on information received for 86 932 cases. Not all data fields are complete, only cases with data available are included. Data presented are as of 29 May at 11:00 (ET).

DEMOGRAPHIC DISTRIBUTION

- Thirty-seven percent (37%) of cases are 60 years and over.
- The highest proportion of cases are among those aged 40-59 years (31%), followed by those aged 20-39 years (26%); 6% of cases were ≤ 19 years of age.
- Fifty-seven percent (57%) of cases are females.

Table 2. Demographic characteristics of COVID-19 cases reported in Canada as of 29 May

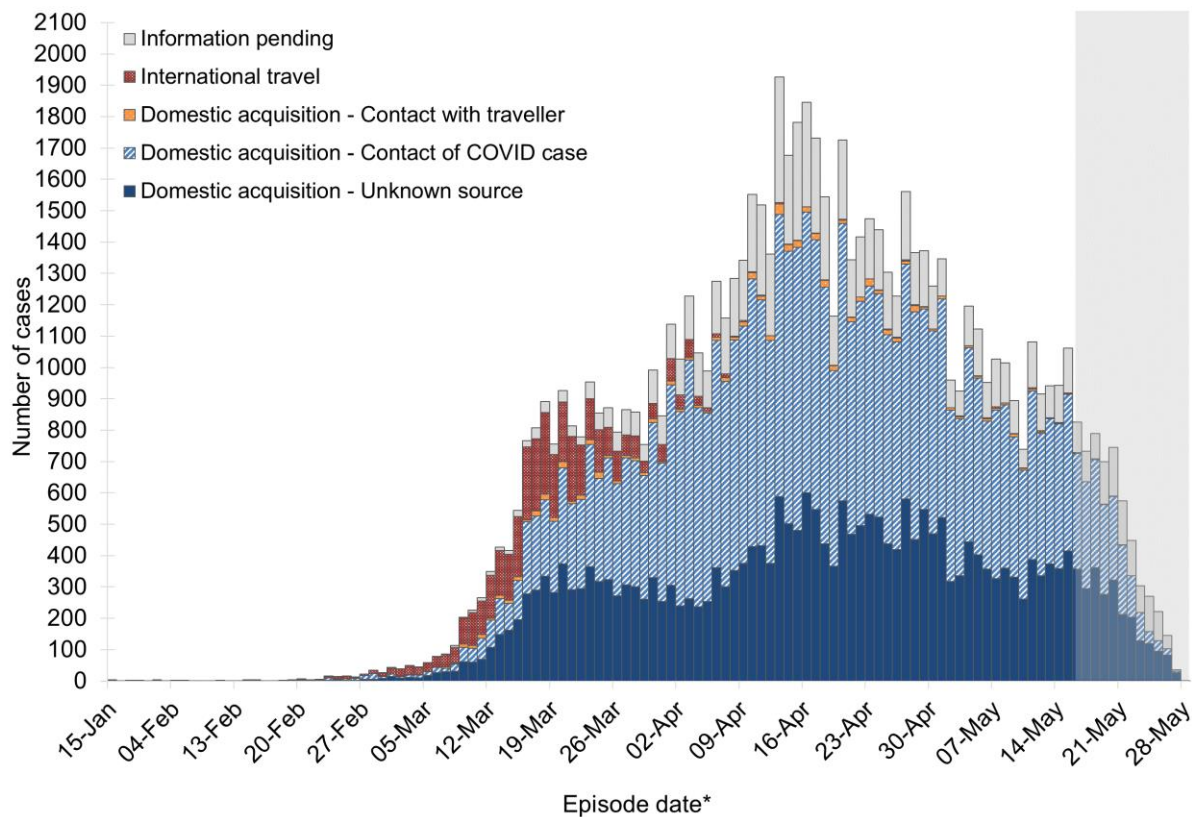
Age (in years)		
Median	51	
Range	0-112	
Age groups n=86 812		
≤ 19	5 473	(6%)
20-39	22 650	(26%)
40-59	26 745	(31%)
60-79	15 545	(18%)
80+	16 399	(19%)
Gender n=86 637		
Female	49 541	(57%)
Male	37 085	(43%)
Other	11	(<1%)

COVID-19 IN CANADA

TEMPORAL DISTRIBUTION BY EXPOSURE CATEGORY

- Of the 83 753 cases with information on exposure provided, 3 854 cases (5%) reported having travelled outside of Canada, 69 634 (83%) cases were due to domestic acquisition, and 10 265 (12%) have information pending.
 - Among domestically acquired cases, 57% (n=39 394) involved known contact with a COVID case.

Figure 4. Number of newly reported COVID-19 cases in Canada, by episode date and exposure (n=79 658)



* Episode date corresponds to the earliest date reported according to the following order: Symptom Onset Date, Specimen Collection Date, and Laboratory Testing Date. Cases that do not include any of these date types have been excluded from the curve.

Note: The shaded area represents a period of time (lag time) where it is expected that cases have occurred but have not yet been reported nationally.

COVID-19 IN CANADA

LABORATORY TESTING

Over **1 593 453 people** have been tested for COVID-19 in Canada (Table 3). This corresponds to a test rate of **42 391** per million population. The percent positive is **5.2%**, which represents the number of positive tests to the total number of tests undertaken.

Table 3. Summary of COVID-19 testing reported in Canada by location as of 29 May

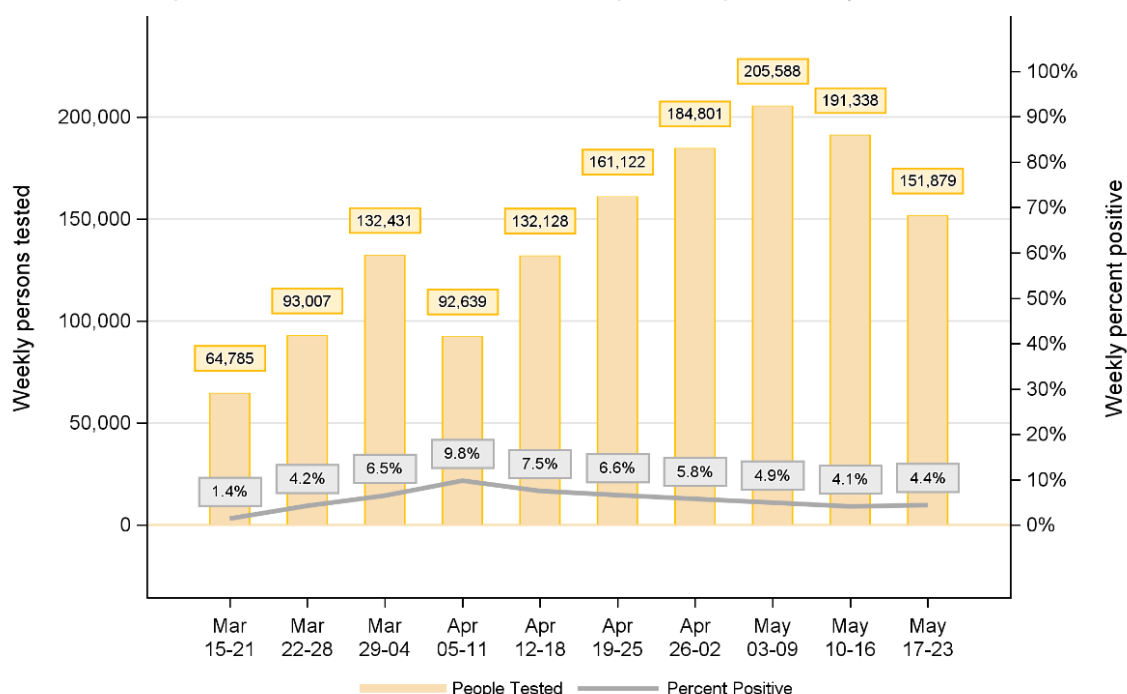
Location	Total people tested*	New tests since last report	People tested per 1 000 000 pop'n
BC	119 999	1 822	23 662
AB	226 690	326*	51 859
SK	42 114	509	35 858
MB	41 578	869	30 361
ON	658 429	17 920	45 201
QC	417 796	8 661	49 240
NL	11 871	102	22 761
NB	22 508	528	28 974
NS	42 309	526	43 555
PE	6 168	279	39 300
YK	1 172	9	28 688
NT	1 994	21	44 483
NU	749	8	19 314
Total[€]	1 593 453	31 580	42 391

¥For provinces and territories which report the number of tests completed, mathematical formula is used to estimate the number of unique people tested. *New tests since last report may be different than expected due to a correction in testing numbers. €Includes 76 repatriated travellers tested.

Note: Laboratory testing numbers may be underestimated due to reporting delays and may not include additional sentinel surveillance or other testing conducted in the P/T.

For the week of May 17 to 23, 151 879 persons were tested and the daily average percent positive over that same period was 4.4% (figure 5).

Figure 5. Number of persons tested for COVID-19 and percent positive by week in Canada



COVID-19 IN CANADA

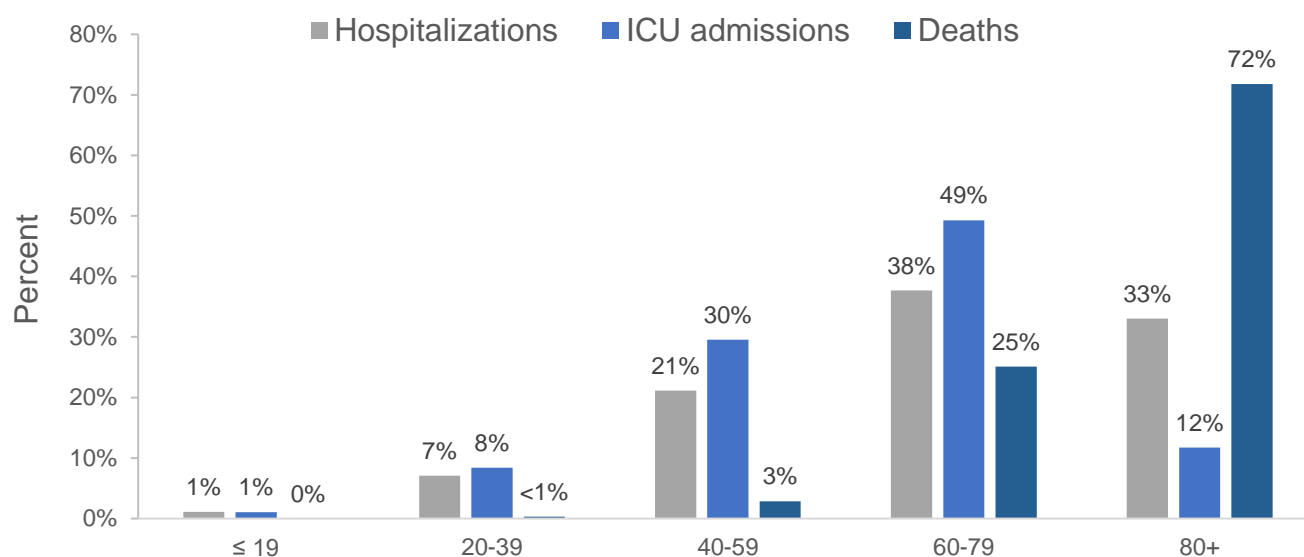
CASE SEVERITY

- **8 188 cases (16%)** reported hospitalization, including **1 618 (20%)** admitted to the ICU, and **415 (5%)** of hospitalizations requiring mechanical ventilation.
- From the 525 hospitalized cases for which clinical presentation was reported, 383 (73%) reported having one or more pre-existing conditions.

Table 4. Distribution of COVID-19 cases which have been hospitalized, admitted to ICU, and deceased in Canada, by age group and gender, as of 29 May

Case Severity						
Overall Summary Hospitalizations						
Hospitalizations		8 188/50 7940		(16%)		
Hospitalizations in ICU		1 618/8 188		(20%)		
Hospitalizations requiring mechanical ventilation		415/8 188		(5%)		
All Hospitalizations			Admitted to ICU		Deceased	
Age groups						
≤ 19	89	(1%)	17	(1%)	0	0%
20-39	579	(7%)	136	(8%)	19	(<1%)
40-59	1 733	(21%)	478	(30%)	185	(3%)
60-79	3 081	(38%)	798	(49%)	1 653	(25%)
80+	2 704	(33%)	189	(12%)	4 724	(72%)
Total	8 186	(100%)	1 618	(100%)	6 581	(100%)
Gender						
Female	3 970	(49%)	623	(39%)	3 536	(54%)
Male	4 210	(51%)	995	(61%)	3 017	(46%)
Other	1	(<1%)				
Total	8 181	(100%)	1 618	(100%)	6 553	(100%)

Figure 6. Age distribution of COVID-19 cases hospitalized, admitted to ICU and deceased in Canada as of 29 May



COVID-19 IN CANADA

FLUWATCHERS

FluWatchers is an online health surveillance system that relies on volunteer reports to track spread of flu-like illness across Canada.

In the context of the COVID-19 pandemic, FluWatchers is shifting focus to track COVID-19 symptoms over the spring and summer months.

In the week of May 17, 2020, 11 138 participants reported into the FluWatchers program. A total of 15 participants (0.1%) reported cough and fever.

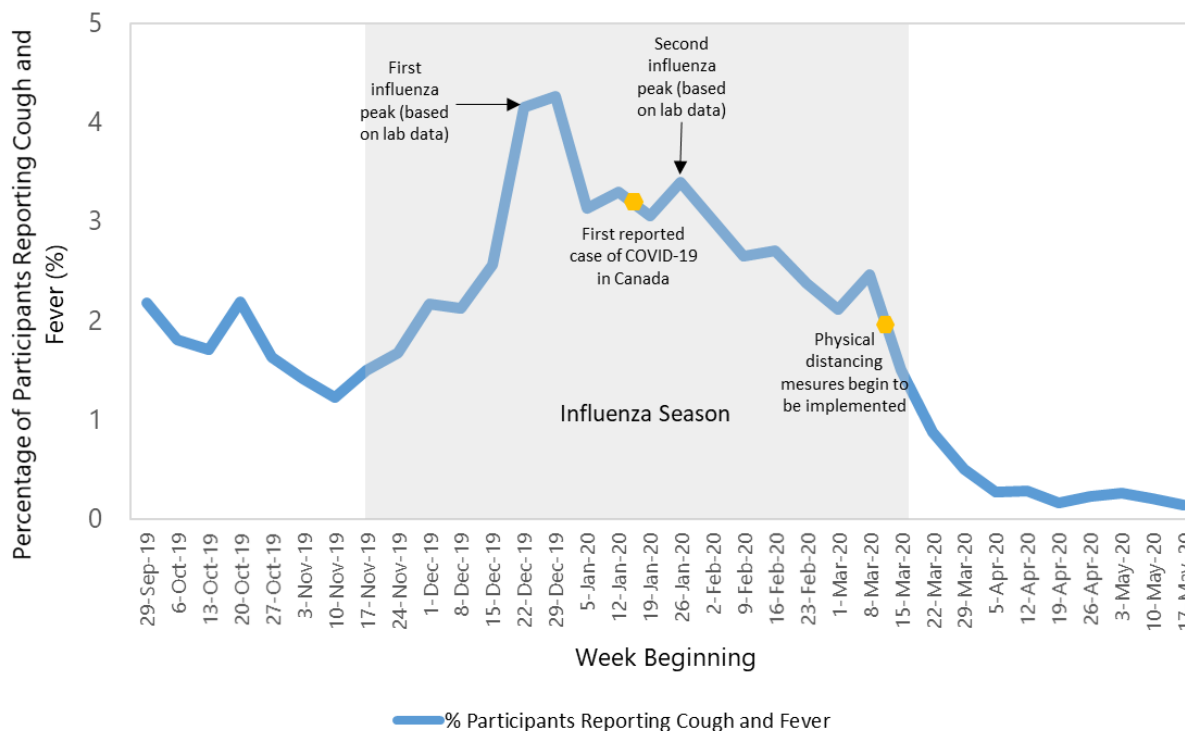
Among the 15 participants reporting cough and fever:

- 5 (33%) sought medical attention
- 1 (7%) were tested
 - The one test did not have a result at the time of reporting

Additionally, 200 participants (2%) reported having a cough and at least one other symptom* in the week of May 17, 2020. Eighteen of these participants reported being tested (13 tests were negative and 5 results were unavailable at the time of reporting).

**sore throat, fatigue/exhaustion, diarrhea/vomiting/stomach ache, joint pain, muscle pain, shortness of breath and headache*

Figure 7. Percentage of FluWatchers Participants Reporting Cough and Fever (N=11 138 the week of May 17, 2020)



COVID-19 IN CANADA

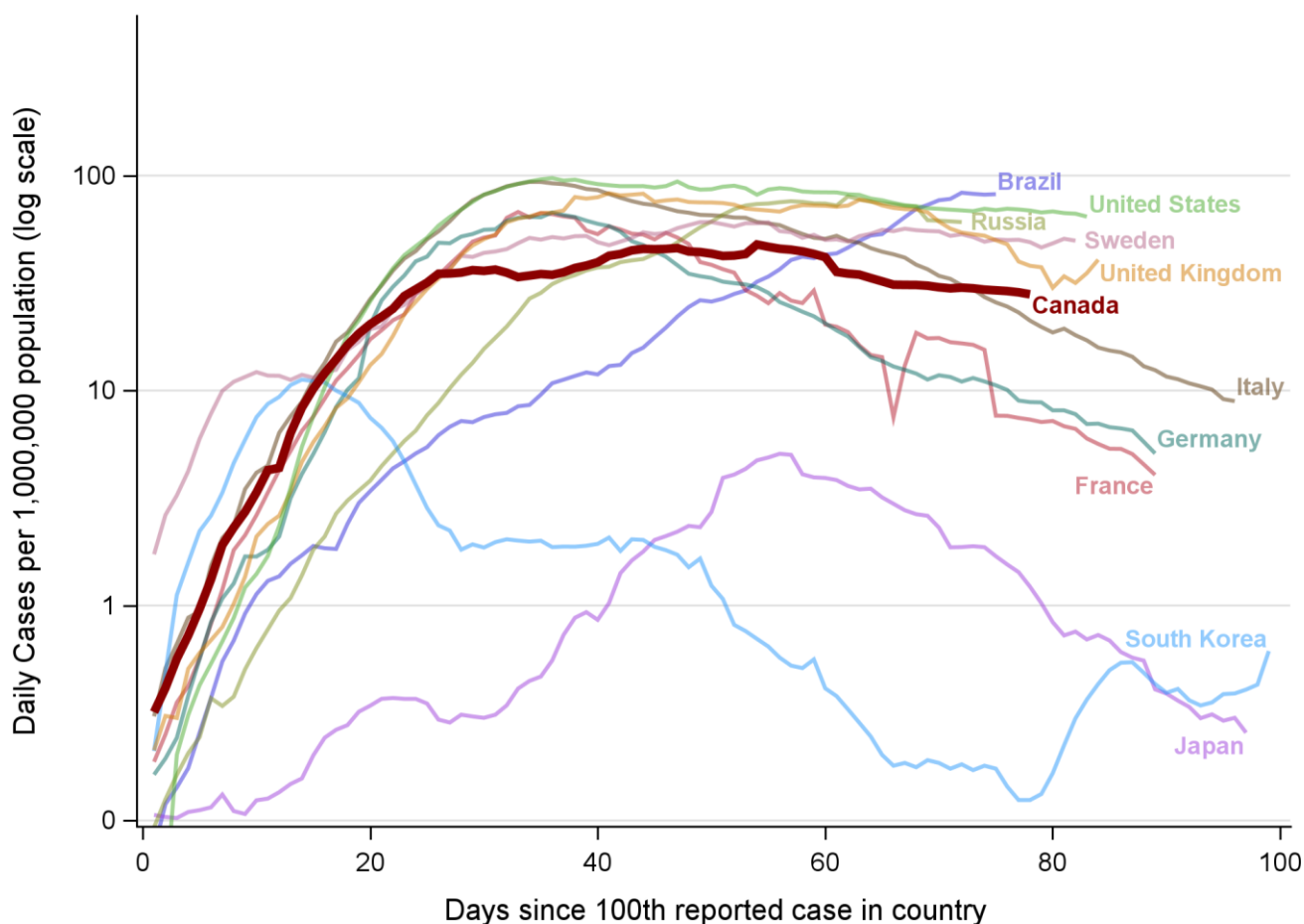
INTERNATIONAL

A summary of the daily cases of COVID-19 in Canada compared to other countries can be seen in **Figure 8**. The chart shows daily cases per 1 000 000 population reported by country, using a 7-day moving average of number of cases.

Up-to-date country-specific risk levels are found on [travel health notices](#).

For more information on COVID-19 internationally, please refer to the [World Health Organization COVID-19 Situation Report](#).

Figure 8. Daily cases of COVID-19 in Canada compared to other countries (7-day moving average*, population adjusted)



*A seven-day moving average is the average number of cases over the previous seven-day period. It is recalculated daily.

Note: At this time, results from international comparisons should be interpreted with caution. The number of tests conducted and indications for testing by country all have a large influence on total reported case counts. Therefore, the data displayed does not necessarily represent the true size of outbreak within each country.