

## CORONAVIRUS DISEASE 2019 (COVID-19) **DAILY EPIDEMIOLOGY UPDATE**

Updated: 6 June 2020, 21:00 ET

<b>95 057</b> CONFIRMED CASES	<b>53 614 (56%)</b> RECOVERED	<b>7 773 (8%)</b> DEATHS
<b>987</b> NEW CASES	<b>49 702</b> PEOPLE TESTED PER 1 000 000	<b>5%</b> PERCENT POSITIVE (CUMULATIVE)

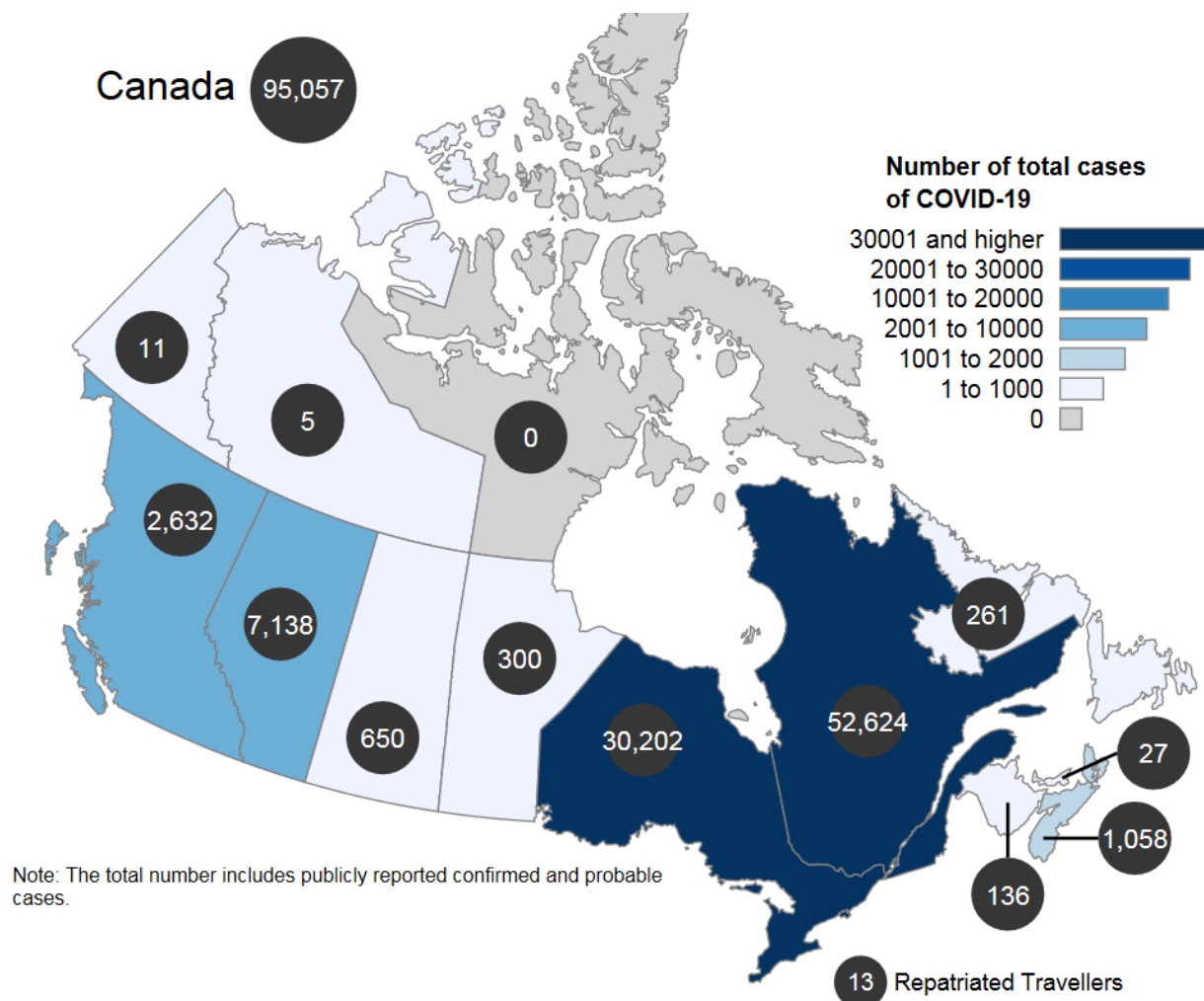
### KEY UPDATES

**As of 6 June, PHAC will be posting the national case numbers and surveillance report once daily at 21:00 ET (today's report reflects a 34 hour time period since the last report)**

- The majority of cases (87%) and deaths (95%) continue to be reported from Quebec and Ontario
- Prince Edward Island, Yukon, and Northwest Territories have not reported a new case in over 14 days; Nunavut has not reported any cases to date.
- No new deaths were reported in ten jurisdictions in the past 34 hours
- On 6 June Ontario added an additional 68 cases that were impacted by a laboratory-to-public health reporting delays.
- Differences in numbers seen in today's clinical presentation data are due to ongoing data upload processes of new case data received by PHAC

# COVID-19 IN CANADA

**Figure 1.** Map of COVID-19 cases reported in Canada by province/territory as of 6 June (n=95 057\*)



# COVID-19 IN CANADA

## NATIONAL OVERVIEW\*

- In the past 34\* hours:
  - five or fewer cases were reported in Saskatchewan and Manitoba
  - no new cases were reported in British Columbia, Newfoundland and Labrador, New Brunswick, Nova Scotia, Prince Edward Island, Yukon, Northwest Territories and Nunavut
- A decreasing trend in daily cases reported nationally:
  - daily case counts over the past 7 days are **26.9% lower** than the 7 days prior (Figure 2)
- A decreasing trend in the number of new deaths being reported:
  - no new deaths were reported in ten jurisdictions
  - daily reported deaths over the past 7 days are **25.5% lower** than the 7 days prior (Figure 3)
  - the majority of deaths (95%) were reported in Quebec (4 970) and Ontario (2 407)

**Table 1.** Summary of COVID-19 cases reported in Canada by location as of **6 June 21:00 ET**

Location	Total cases	New cases reported since last report *	Recovered	% Recovered	Total deaths	New deaths since last report*
BC	2 632	0	2 272	86%	167	1
AB	7 138	47	6 656	93%	146	0
SK	650	2	611	94%	11	0
MB	300	2	284	95%	7	0
ON	30 202***	455	23 947	79%	2 407	35
QC	52 624	481	18 412	35%	4 970	85
NL	261	0	256	98%	3	0
NB	136	0	121	89%	1	0
NS	1 058	0	999	94%	61	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
<b>Total**</b>	<b>95 057</b>	<b>987</b>	<b>53 614</b>	<b>56%</b>	<b>7 773</b>	<b>121</b>

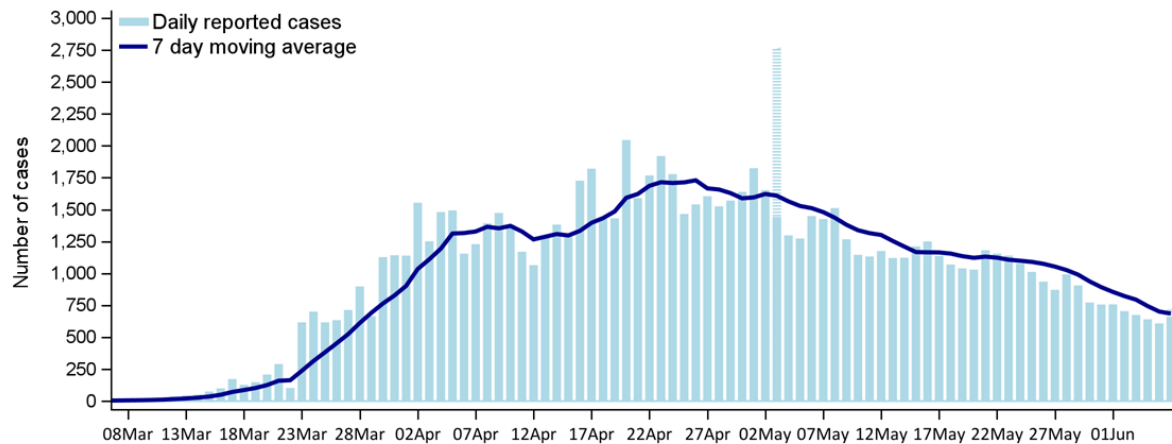
\*Today's update covers 34 hours, from 5 June 11:00 ET to 6 June 21:00 ET.

\*\* 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.

\*\*\*Ontario added an additional 68 cases that were impacted by a laboratory-to-public health reporting delays.

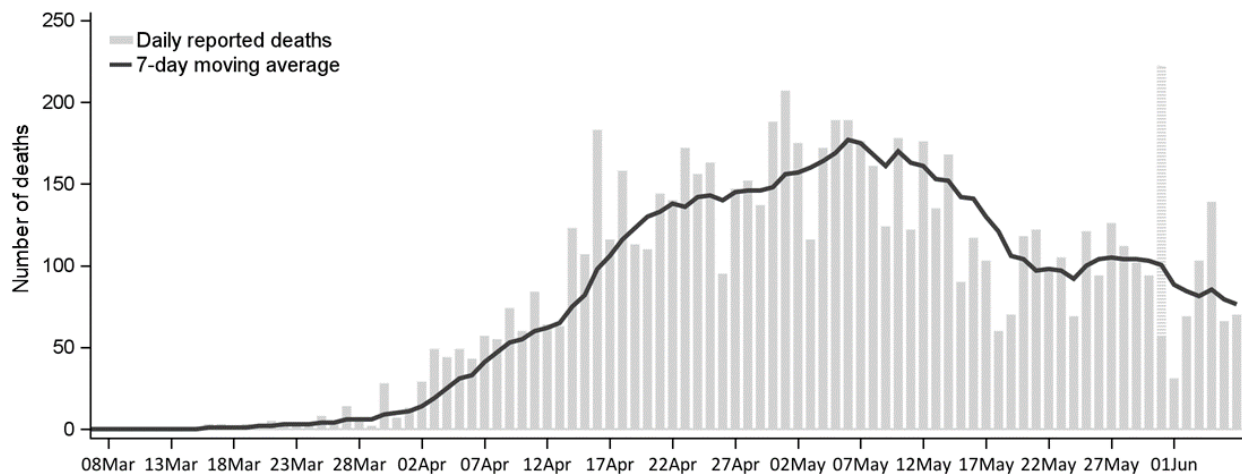
# COVID-19 IN CANADA

**Figure 2.** Daily and average number of reported COVID-19 cases in Canada, by reported date



**Note:** The 7-day moving average is a trend indicator that captures the arithmetic mean of the daily reported cases over the previous seven days. The moving average helps smooth out day-to-day variability in reporting, filtering out the “noise” of short term fluctuations. The hatched blue bars corresponds to the 1 317 cases reported by Quebec on 3 May, that were originally detected over the period 2 to 30 April (excluded from moving average calculation) and the 68 cases reported by Ontario on 6 June .

**Figure 3.** Daily and average number of COVID-19 related deaths in Canada, by reported date



**Note:** The 7-day moving average is a trend indicator that captures the arithmetic mean of the daily reported deaths over the previous seven days. The moving average helps smooth out day-to-day variability in reporting, filtering out the “noise” of short term fluctuations. The hatched grey bar corresponds to 165 additional deaths reported by Quebec on 31 May that occurred before 23 May.

PHAC receives detailed case information from provinces and territories. The epidemiology update is based on information received for 93 777 cases. Not all data fields are complete, only cases with data available are included. Data presented are as of 6 June at 21:00 ET.

# COVID-19 IN CANADA

## DEMOGRAPHIC DISTRIBUTION

- The median age of cases is 50 years
- Those aged 60 years and over comprise 36% of cases
  - The smallest proportion of cases are those  $\leq 19$  years of age (7%)
- Fifty-seven percent (57%) of cases are females
  - Among those aged 80 years and over, 69% of cases are female

**Table 2.** Demographic characteristics of COVID-19 cases reported in Canada as of 6 June

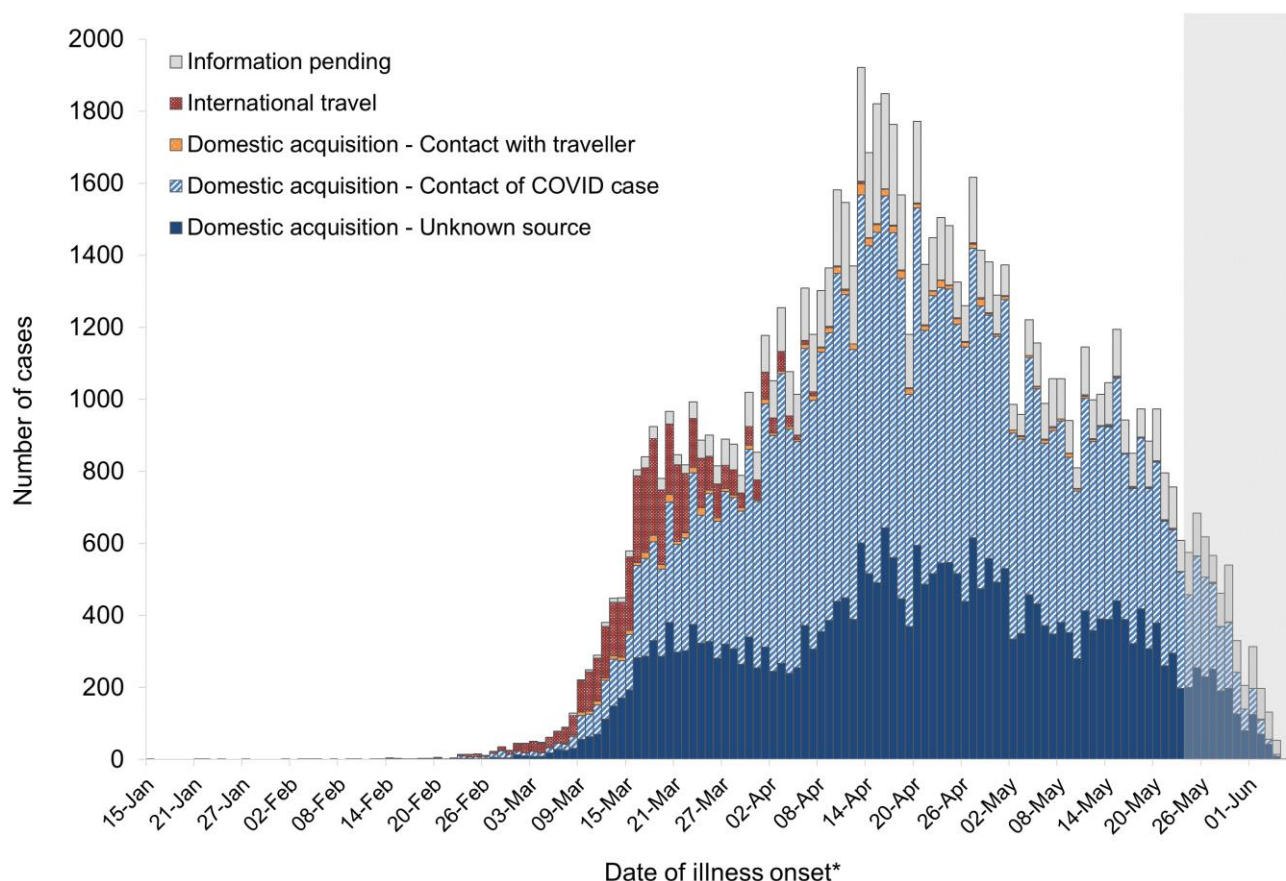
Age (in years)		
Median	50	
Range	0-112	
Age groups	n=93 656	
≤ 19	6 144	(7%)
20-39	24 892	(27%)
40-59	28 887	(31%)
60-79	16 588	(18%)
80+	17 145	(18%)
Gender	n=93 466	
Female	52 973	(57%)
Male	40 480	(43%)
Other	13	(<1%)

# COVID-19 IN CANADA

## TEMPORAL DISTRIBUTION BY EXPOSURE CATEGORY

- Of the **91 517** cases with information on exposure provided, **3 955** cases (4%) reported having travelled outside of Canada, **45 788** (50%) cases were due to exposure in Canada to either a known COVID-19 case or to someone who had travelled; **9 829** (11%) have information pending

**Figure 4.** Reported COVID-19 cases in Canada, by date of illness onset\* and exposure as of 6 June (n=87 667\*\*)



\* When date of illness onset is not available, the earliest date of the following dates was used as an estimate the following order: Specimen Collection Date and Laboratory Testing Date. Cases that do not include any of these date types have been excluded from the curve.

\*\* The n includes those with available information on date of illness onset and exposure

**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 **1 868 277 people** have been tested for COVID-19 in Canada (Table 3). This corresponds to a test rate of **49 702 per million population**.

- the percent positive is **5%**, which represents the number of positive tests to the total number of tests undertaken
- for the week of 24 to 30 May, 202 534 persons were tested and the daily average percent positive over that same period was **3.1%** (Figure 5)

**Table 3.** Summary of COVID-19 testing reported in Canada by location as of 6 June

Location	Total people tested <sup>‡</sup>	New tests since last report <sup>*</sup>	People tested per 1 000 000 pop'n
BC	131 722	1 619	25 974
AB	259 031	10 608	59 257
SK	46 118	495	39 267
MB	46 668	0	34 078
ON	804 946	22 349	55 260
QC	477 737	6 875	56 304
NL	13 192	257	25 294
NB	31 083	438	40 013
NS	46 379	670	47 745
PE	7 197	86	45 856
YK	1 201	0	29 397
NT	2 097	14	46 781
NU	830	9	21 403
<b>Total**</b>	<b>1 868 277</b>	<b>43 420</b>	<b>49 702</b>

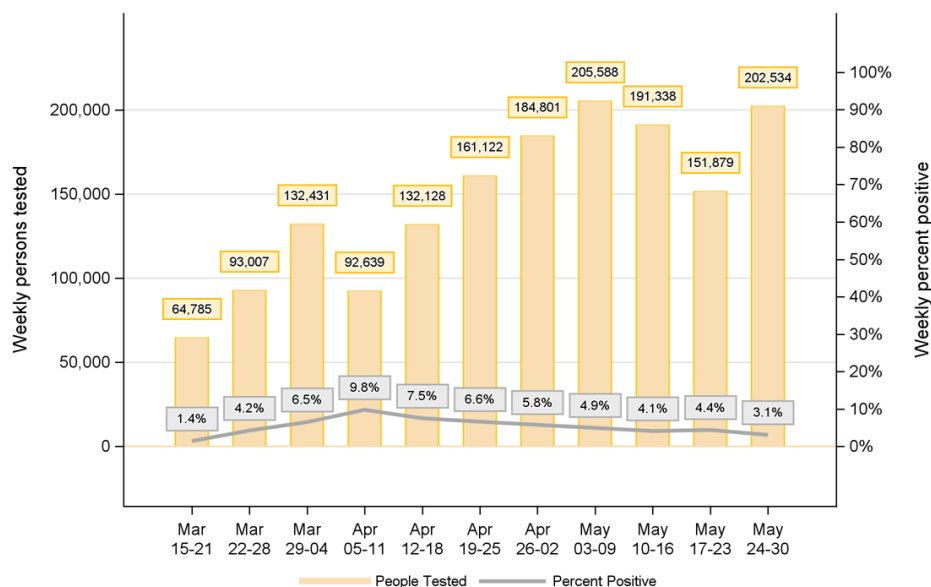
<sup>‡</sup>For provinces and territories which report the number of tests completed, mathematical formula is used to estimate the number of unique people tested.

**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.

**\*This update in data covers 34 hours, from 5 June 11:00 ET to 6 June 21:00 ET.**

**\*\* Includes 76 repatriated travellers tested.**

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



Data source: Provided by the NML, who receives lab testing data from provincial labs



# COVID-19 IN CANADA

## CASE SEVERITY

Among the **56 853** cases with data on hospitalization status reported:

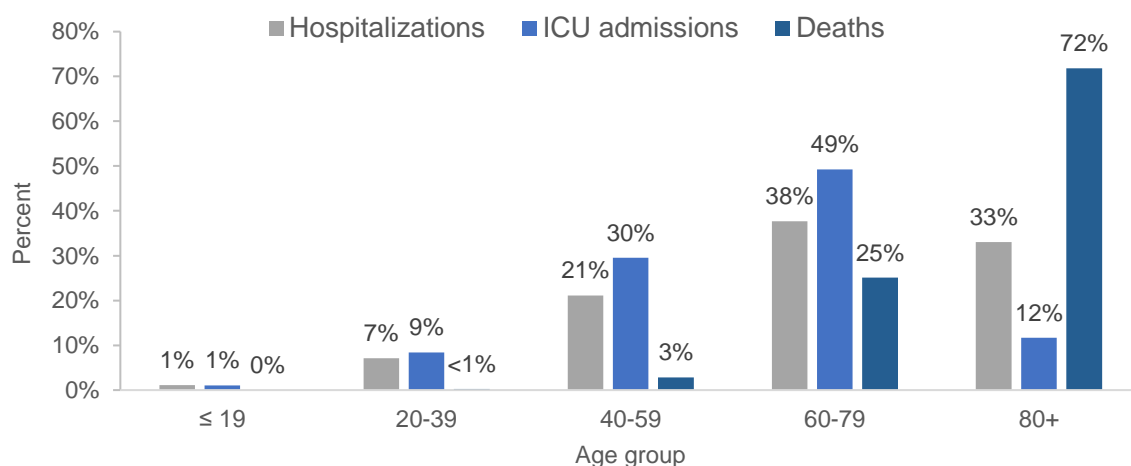
- **8 998** cases (**16%**) were hospitalized, of whom:
- **1 816** (**20%**) were admitted to the ICU, and
- **356** (**4%**) required mechanical ventilation

Among the **189** hospitalized cases for which clinical presentation was reported, **143** (76%) reported having one or more pre-existing condition.

**Table 4.** Severity of COVID-19 cases in Canada as of 6 June

Case Severity						
Overall Summary Hospitalizations						
Hospitalizations		8 998/56 853		(16%)		
Hospitalizations in ICU		1 816/8 998		(20%)		
Hospitalizations requiring mechanical ventilation		356/8 998		(4%)		
All Hospitalizations			Admitted to ICU		Deceased	
Age groups						
≤ 19	93	(1%)	19	(1%)	0	(0%)
20-39	644	(7%)	157	(9%)	22	(<1%)
40-59	1 903	(21%)	542	(30%)	206	(3%)
60-79	3 384	(38%)	889	(49%)	1 868	(25%)
80+	2 970	(33%)	209	(12%)	5 385	(72%)
Total	8 994	(100%)	1 816	(100%)	7 481	(100%)
Gender						
Female	4 363	(49%)	700	(39%)	4 014	(54%)
Male	4 627	(51%)	1 116	(61%)	3 433	(46%)
Other	1	(<1%)				
Total	8 991	(100%)	1 816	(100%)	7 447	(100%)

**Figure 6.** Distribution of COVID-19 cases hospitalized, admitted to ICU and deceased in Canada, by age group, as of 6 June





# 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 24 2020, 11 172 participants reported into the FluWatchers program. A total of 17 participants (0.15%) reported cough and fever.

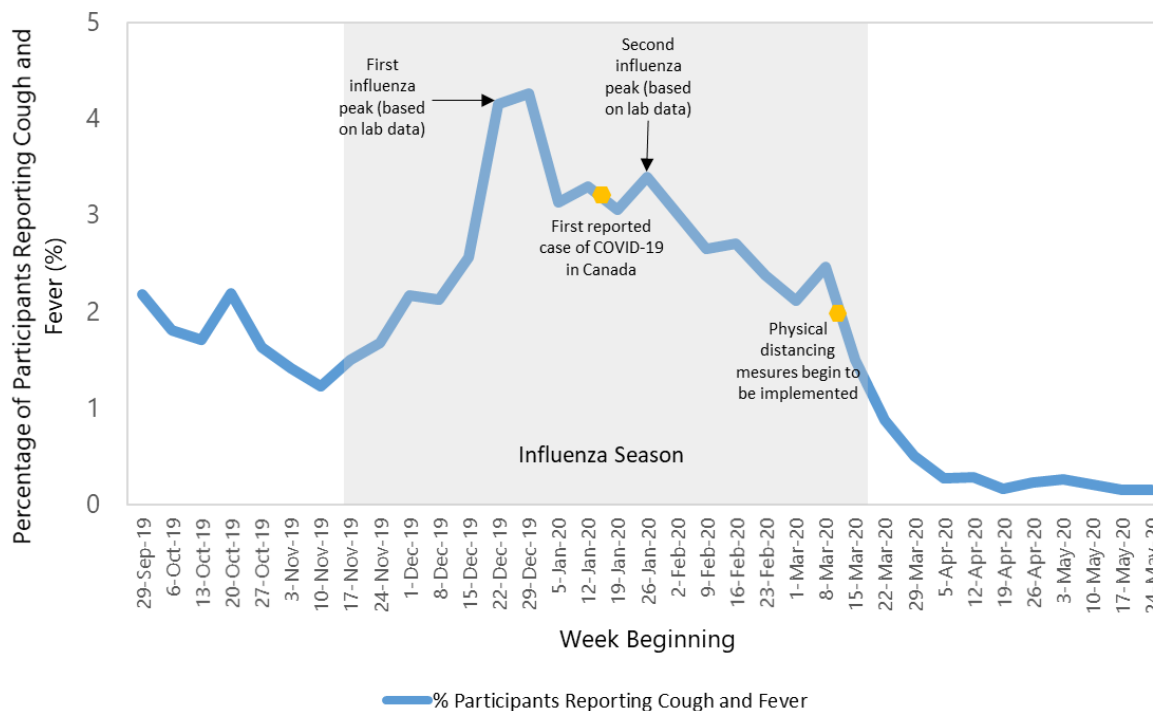
Among the 17 participants reporting cough and fever:

- 10 (59%) sought medical attention
- 7 (42%) were tested
  - All 7 tests were negative

Additionally, 193 participants (2%) reported having a cough and at least one other symptom\* in the week of May 24, 2020. Twelve of these participants reported being tested (9 tests were negative and 3 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=11 172 the week of 24 May 2020)



# COVID-19 IN CANADA

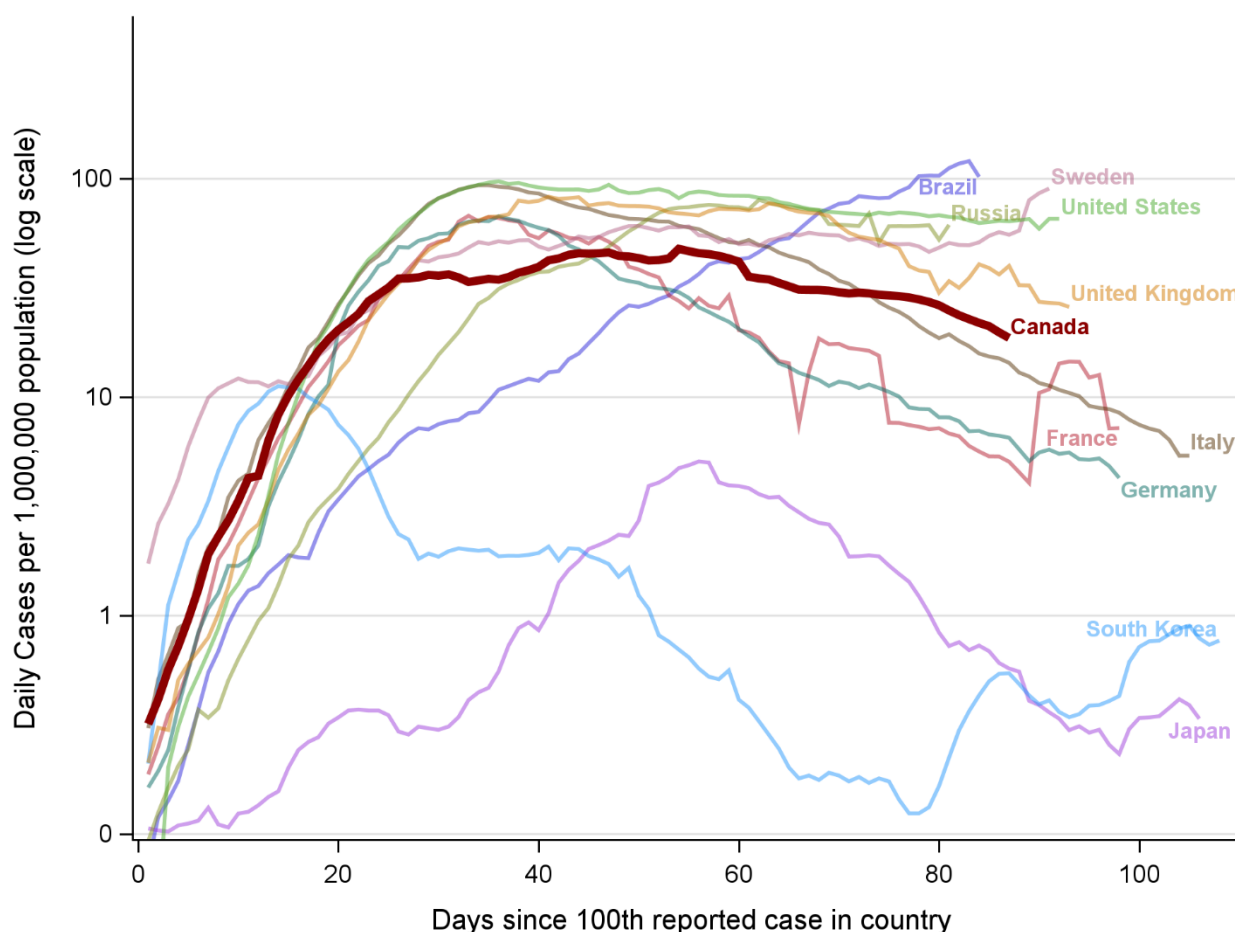
## INTERNATIONAL

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 as of 6 June (7-day moving average\*, population adjusted)



\* The 7-day moving average is a trend indicator that captures the arithmetic mean of the daily reported cases over the previous seven days. The moving average helps smooth out day-to-day variability in reporting, filtering out the “noise” of short term fluctuations.

**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.