

CORONAVIRUS DISEASE 2019 (COVID-19)

DAILY EPIDEMIOLOGY UPDATE

Updated: 11 May 2020, 11:00 ET

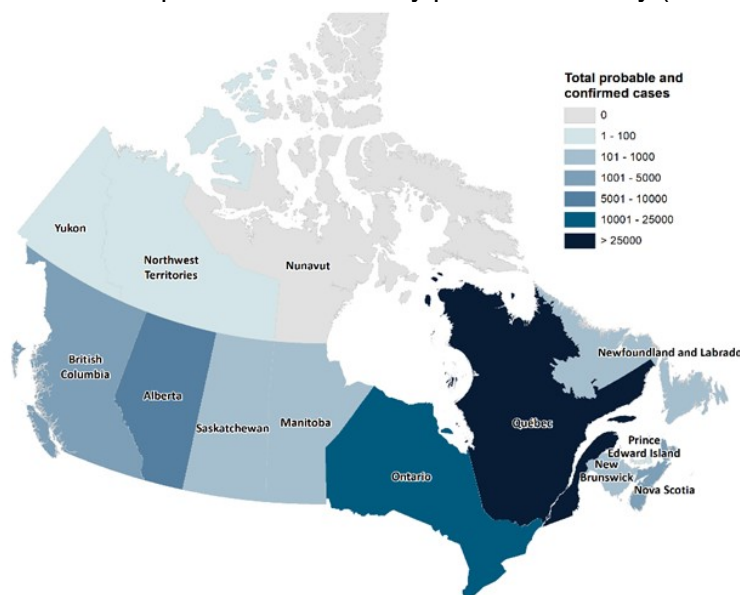
69 156 CONFIRMED CASES	32 455 (47%) RECOVERED	4 906 (7%) DEATHS
1 160 NEW CASES	28 500 PEOPLE TESTED, DAILY AVERAGE*	5.8 % PERCENT POSITIVE, CUMULATIVE

*Seven day average. Further information provided in Laboratory section

KEY UPDATES

- For the past seven days:
 - no new cases have been reported in Prince Edward Island, Yukon, and Northwest Territories
 - fewer than five cases have been reported daily in Manitoba, Newfoundland and Labrador, and New Brunswick
- No new deaths were reported in ten jurisdictions within the past 24 hours.
- For the period 3 to 9 May, 188 547 persons were tested and the daily average percent positive over that same period was 4.5%.

Figure 1. Map of COVID-19 cases reported in Canada by province/territory (N=69 143*)



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



COVID-19 IN CANADA

NATIONAL OVERVIEW

- The majority of deaths (93%) were reported from Quebec (2 928) and Ontario (1 669).
 - No new deaths were reported in ten jurisdictions in the past 24 hours.

Table 1: Summary of COVID-19 cases reported in Canada by location as of 11 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	2 330	0	1 659	71%	129	0
AB	6 253	96	4 389	70%	117	1
SK	564	11	349	62%	6	0
MB	287	3	247	86%	7	0
ON	20 546	308	15 131	74%	1 669	35
QC	37 721	735	9 526	25%	2 928	142
NL	261	0	244	93%	3	0
NB	120	0	118	98%	0	0
NS	1 018	7	749	74%	47	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
Repatriated travellers*	13	0	Unknown	Unknown	0	0
Total	69 156	1 160	32 455	47%	4 906	178

* Repatriated travellers refer to the Grand Princess cruise ship travellers who were under quarantine in Trenton in March 2020. Update on their status is not available.

PHAC receives detailed case information from provinces and territories. The epidemiology update is based on information received for 35 397 cases. Not all data fields are complete, only cases with data available are included. Data presented are as of 11 May at 11:00 (ET).

COVID-19 IN CANADA

DEMOGRAPHIC DISTRIBUTION

- **23 771** cases (68%) are over 40 years old. The highest proportion of cases are among those aged 40-59 years (33%), followed by those aged 20-39 years (26%); 5% of cases were ≤ 19 years of age.
- 55% of cases were females.

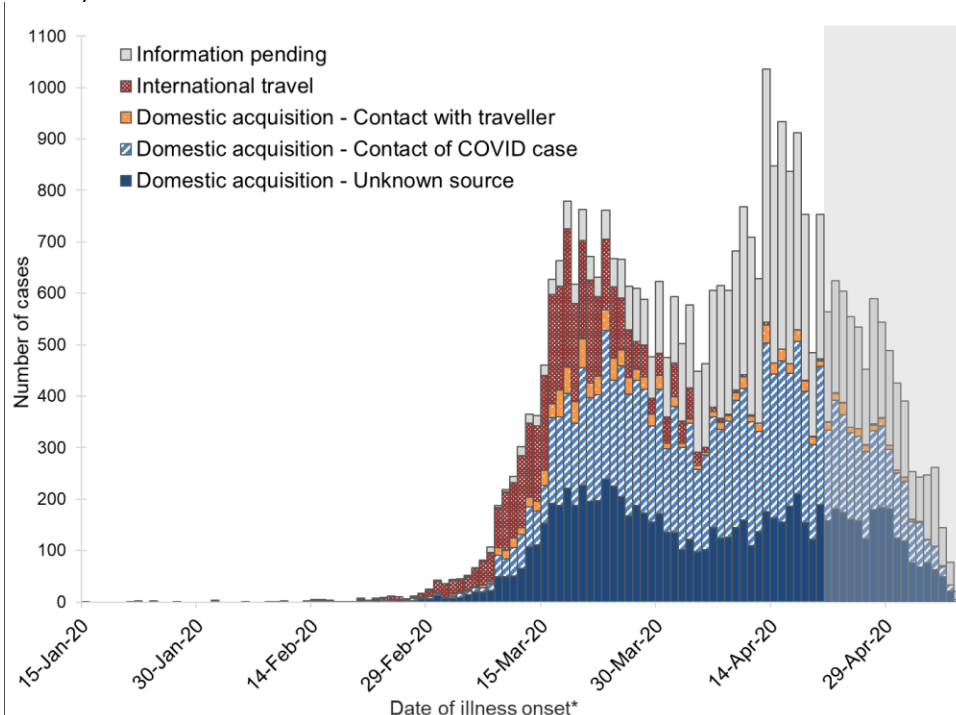
Table 2. Demographic characteristics of COVID-19 cases reported in Canada as of 11 May 2020

Age (in years)			
Median		51	
Range		0-111	
Age groups		n=34 860	
≤ 19		1 876	(5%)
20-39		9 213	(26%)
40-59		11 334	(33%)
60-79		6 940	(20%)
80+		5 497	(16%)
Gender		n=35 154	
Female		19 325	(55%)
Male		15 813	(45%)
Other		16	(<1 %)

TEMPORAL DISTRIBUTION BY EXPOSURE CATEGORY

- Since March 12th, the majority of cases reported have been due to community transmission.
- 3 757 cases (11%) reported having travelled outside of Canada and 21 407 (61%) cases are due to domestic acquisition.

Figure 2. Number of newly reported COVID-19 cases in Canada, by date of illness onset and exposure category (n=33 760)



*If date of illness onset was not available the earliest of the following dates was used as an estimate in the following order: Specimen Collection Date, and Laboratory Testing Date. **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 **1 119 026** people have been tested for COVID-19 in Canada (Table 3). This corresponds to a test rate of 29 770 per million population. The percent positive represents the number of positive tests of the total number of tests undertaken. The cumulative rate of positive is **5.8%** since early March. Over the past seven days, the average daily number of new people tested was **28 500**.

Table 3: Summary of COVID-19 testing reported in Canada by location as of 11 May 10:30 ET

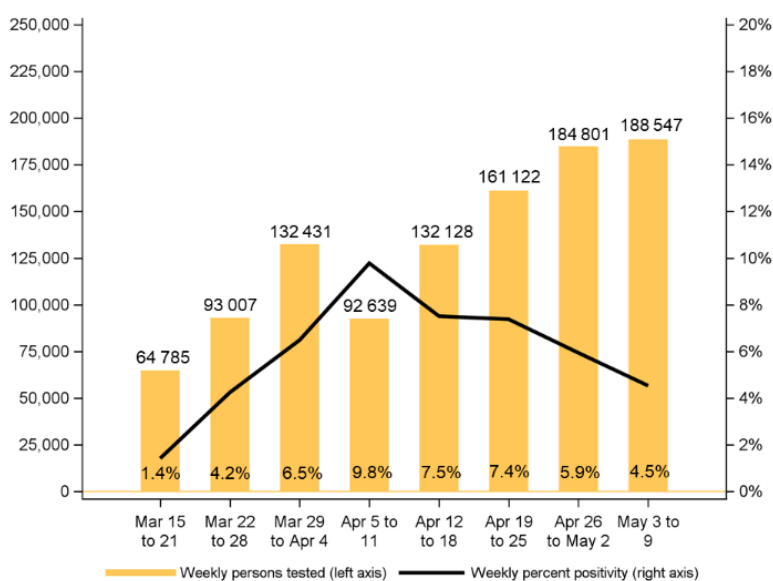
Location	Total People tested*	New Tests since last report	People tested per 1 000 000 pop'n
BC	94 027	596	18 541
AB	173 023	3 608	39 581
SK	34 585	492	29 448
MB	30 398	960	22 197
ON	433 316	13 514	29 747
QC	284 239	5 850	33 499
NL	9 896	94	18 975
NB	17 060	310	21 961
NS	35 023	203	36 054
PE	3 910	64	24 913
YK	1 088	13	26 631
NT	1 809	10	40 356
NU	576	8	14 853
Total*	1 119 026	25 722	29 770

‡For provinces and territories which report the number of tests completed, mathematical formula is used to estimate the number of unique people tested. *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 period 3 to 9 May, **188 547** persons were tested and the daily average percent positivity over that same period was **4.5%** (Figure 3).

Figure 3: Number of persons tested for COVID-19 and percent positivity by week



Data source: NML.

COVID-19 IN CANADA

CLINICAL PRESENTATIONS AND OUTCOME

- For the 4 196 cases for which the clinical presentation was reported, 560 cases (13%) reported having been clinically or radiologically diagnosed with pneumonia.
- Among those 560 cases, 57% were aged ≥ 60 years, and 41% were aged 60-79 years.

Table 4. Clinical presentation* summary of COVID-19 cases reported in Canada as of 11 May 2020

Clinical Presentations			By Age group	
Pre-existing Conditions	n= 8 700		≤ 19	20+
Cardiac	1 073	(12%)	7 (1%)	1012 (13%)
Respiratory disease	1 073	(12%)	51 (9%)	908 (12%)
Diabetes	842	(10%)	0 0%	784 10%)
Symptoms	n= 8 636			
Cough	6 357	(74%)	354 (58%)	5 596 (72%)
Headache	4 785	(55%)	220 (36%)	4 249 (54%)
Weakness	4 642	(54%)	182 (30%)	4 138 (53%)
Fever	3 960	(46%)	213 (35%)	3 502 (45%)
Clinical evaluations, complications or diagnosis	n= 4 196			
Pneumonia	560	(13%)	4 (2%)	534 (14%)
Dyspnea	316	(8%)	3 (2%)	293 (8%)
Abnormal lung auscultation	271	(6%)	7 (4%)	240 (6%)

**The categories for pre-existing conditions, symptoms and complications clinical presentations are not mutually exclusive and the list is non exhaustive.*

COVID-19 IN CANADA

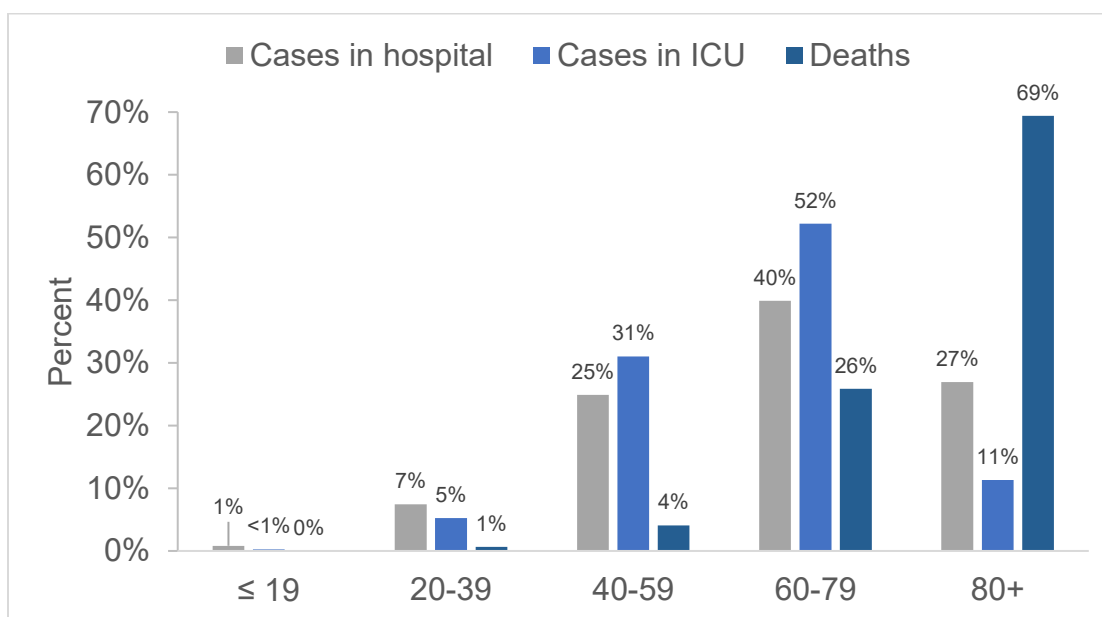
CASE SEVERITY

- **3 764** cases (**16%**) reported hospitalization, including **857** (**23%**) admitted to the ICU, and **164** (**4%**) of hospitalizations requiring mechanical ventilation
- 74% reported one or more pre-existing conditions.

Table 5. Clinical presentation summary of COVID-19 cases reported in Canada as of 11 May 2020

Case Severity					
Overall Summary Hospitalizations					
Hospitalizations		3 764/23 228		(16%)	
Hospitalizations in ICU		857/3 764		(23%)	
Hospitalizations requiring mechanical ventilation		164/3 764		(4%)	
All Hospitalizations		Admitted to ICU		Deceased	
Age groups					
≤ 19	32 (1%)	2 (<1%)	0 (0%)		
20-39	273 (7%)	45 (5%)	12 (1%)		
40-59	925 (25%)	262 (31%)	78 (4%)		
60-79	1 480 (40%)	439 (52%)	492 (26%)		
80+	1 006 (27%)	96 (11%)	1 322 (69%)		
Total	3 716 (100%)	844 (100%)	1 904 (100%)		
Gender					
Female	1 682 (45%)	305 (36%)	1,000 (53%)		
Male	2 068 (55%)	549 (64%)	888 (47%)		
Other	1 (<1%)				
Total	3 751 (100%)	854 (100%)	1 888 (100%)		

Figure 4. Proportion of COVID-19 cases hospitalized, admitted to ICU and have died in Canada, by age group, as of 11 May 2020



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 April 26, 2020, 10,619 participants reported into the FluWatchers program. A total of 24 participants (0.2%) reported cough and fever.

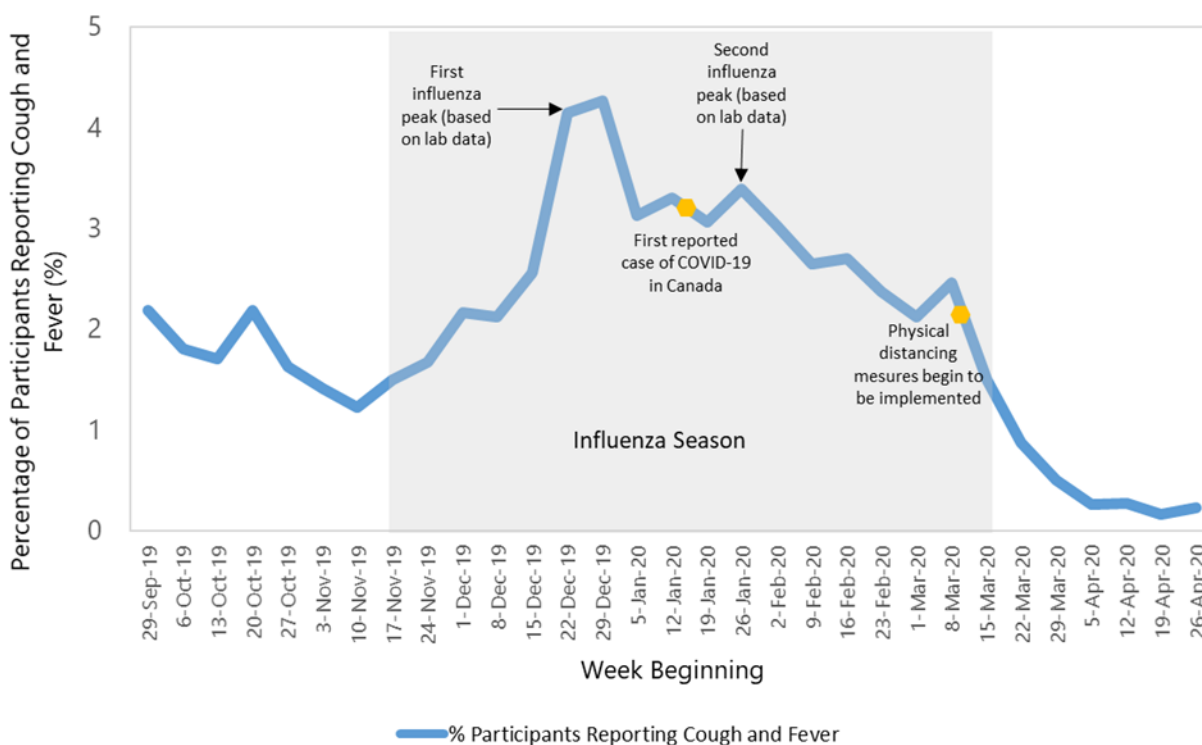
Among the 24 participants reporting cough and fever:

- 7 (30%) sought medical attention
- 4 (17%) were tested
 - 2 tests were positive for COVID-19, 1 test was positive for another seasonal respiratory virus and 1 test was negative

Additionally, 219 participants (2%) reported having a cough and at least one other symptom* in the week of April 26, 2020. Sixteen of these participants reported being tested and one test was positive for COVID-19 (13 tests were negative and two 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 6. Percentage of FluWatchers participants reporting cough and fever (N=10 619 the week of April 26, 2020)



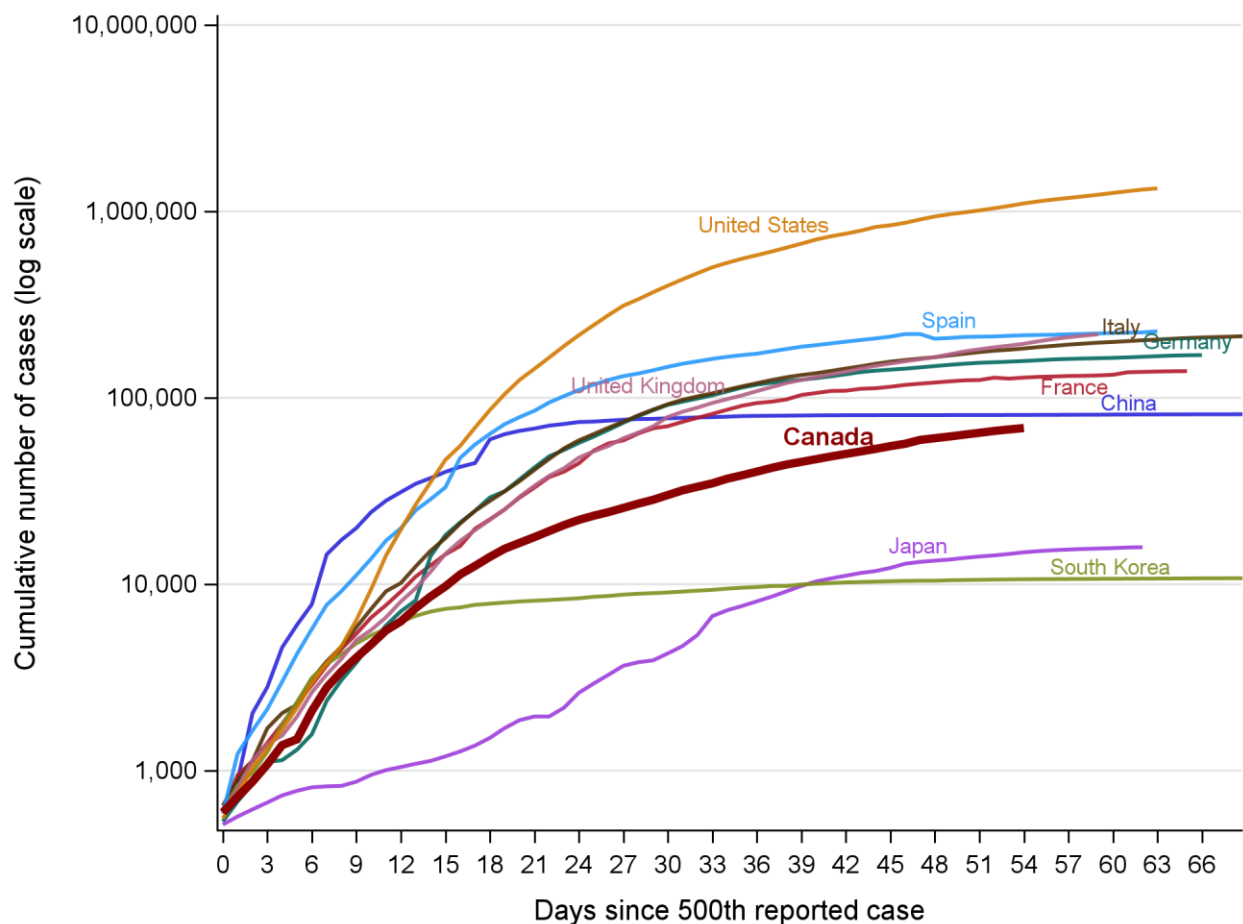
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INTERNATIONAL

A summary of the cumulative cases of COVID-19 in Canada compared to other countries by date of report can be seen in **Figure 7**.

Up-to-date country-specific risk levels may be found on [travel health notices](#).
For more information on COVID-19 internationally, please refer to the [World Health Organizations' COVID-19 Situation Report](#).

Figure 7. Cumulative cases of COVID-19 in Canada compared to other countries by date of report



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.