



COVID-19 daily epidemiology update

Updated: May 12, 2021, 7 pm EST

Summary of COVID-19 cases across Canada and over time. Contains detailed data about the spread of the virus over time and in different regions of the country. Includes breakdowns by age and sex or gender. Provides an overview of hospitalizations and deaths, testing, variants of concern and exposures.

Key updates as of May 12, 2021, 7 pm EST

Cases today

Total cases

6,189 **1,305,770**

Active cases

Total resolved

76,676 **1,204,328**

Deaths today

Total deaths

53 **24,766**

Tests performed today

Total tests performed

133,776 **33,001,128**

Percent positive (total)

4.1%

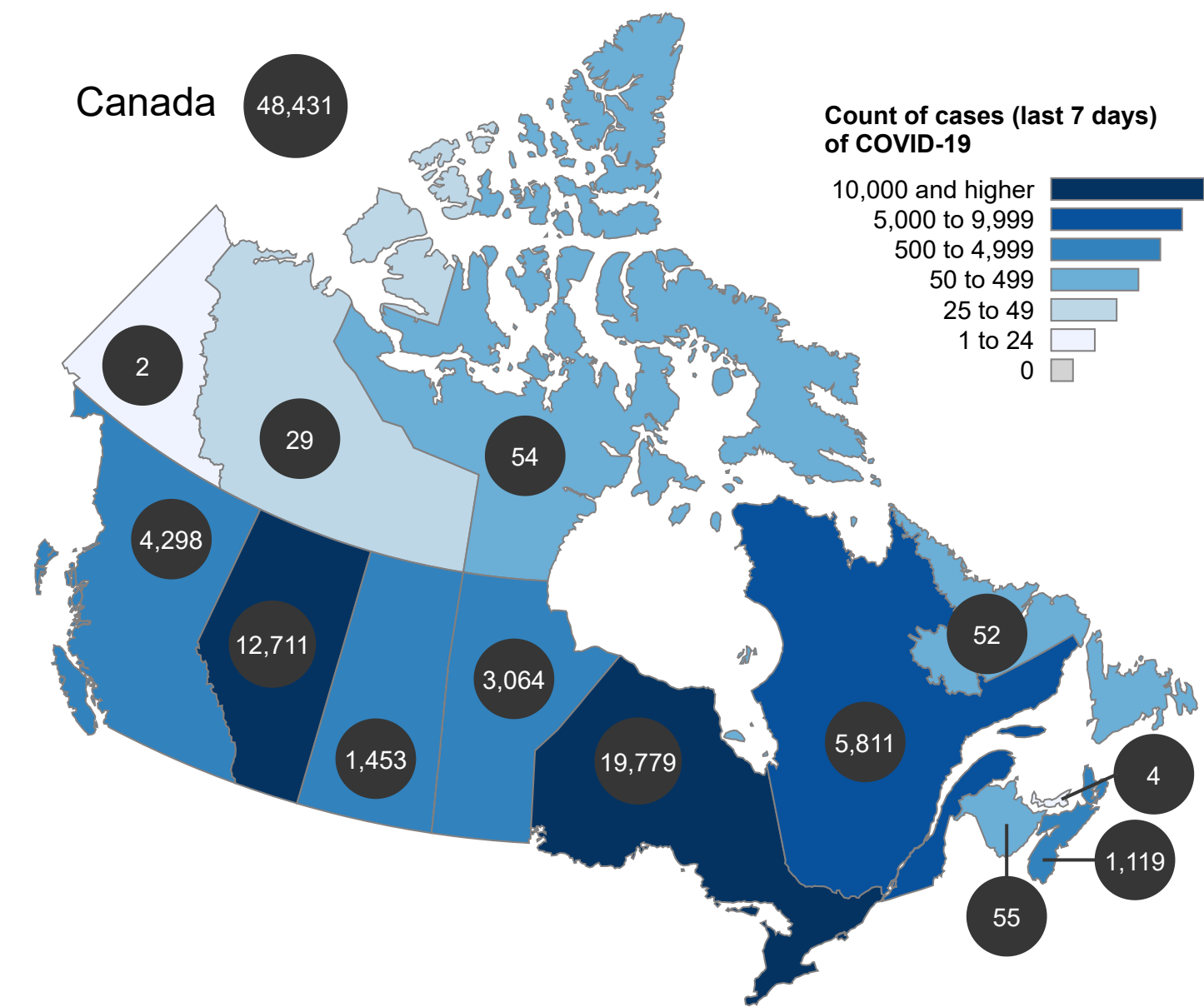
Tests performed per million
population

868,331

- We update these sections daily at 7:00 PM EST: Key updates, Current situation and National overview.
- We update these sections every Friday: Epidemic curve, Demographics, How people were exposed, and Severe illness and outcomes.
- Most cases (65.8%) and deaths (78.3%) were reported by Ontario and Quebec.
- Of the 13 jurisdictions reporting updates, no new cases were reported in 2 provinces or territories in the past 24 hours.
- Of the 13 jurisdictions reporting updates, no new deaths were reported in 7 provinces or territories in the past 24 hours.

Current situation

Figure 1a. Count of cases (last 7 days) of COVID-19, by province/territory as of May 12, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **48,431** as of May 12, 2021.

This information is based on data our provincial and territorial partners published on cases, deaths, and testing daily, and are current as of the day they are published. Today's numbers are current as of May 12, 2021, 7 pm EST. For the most up to date data for any province, territory or city, please visit their website. The number of cases or deaths reported on previous days may differ slightly from those on the provincial and territorial websites as these websites may update historic case and death counts as new information becomes available.

Areas in Canada with cases of COVID-19 as of May 12, 2021

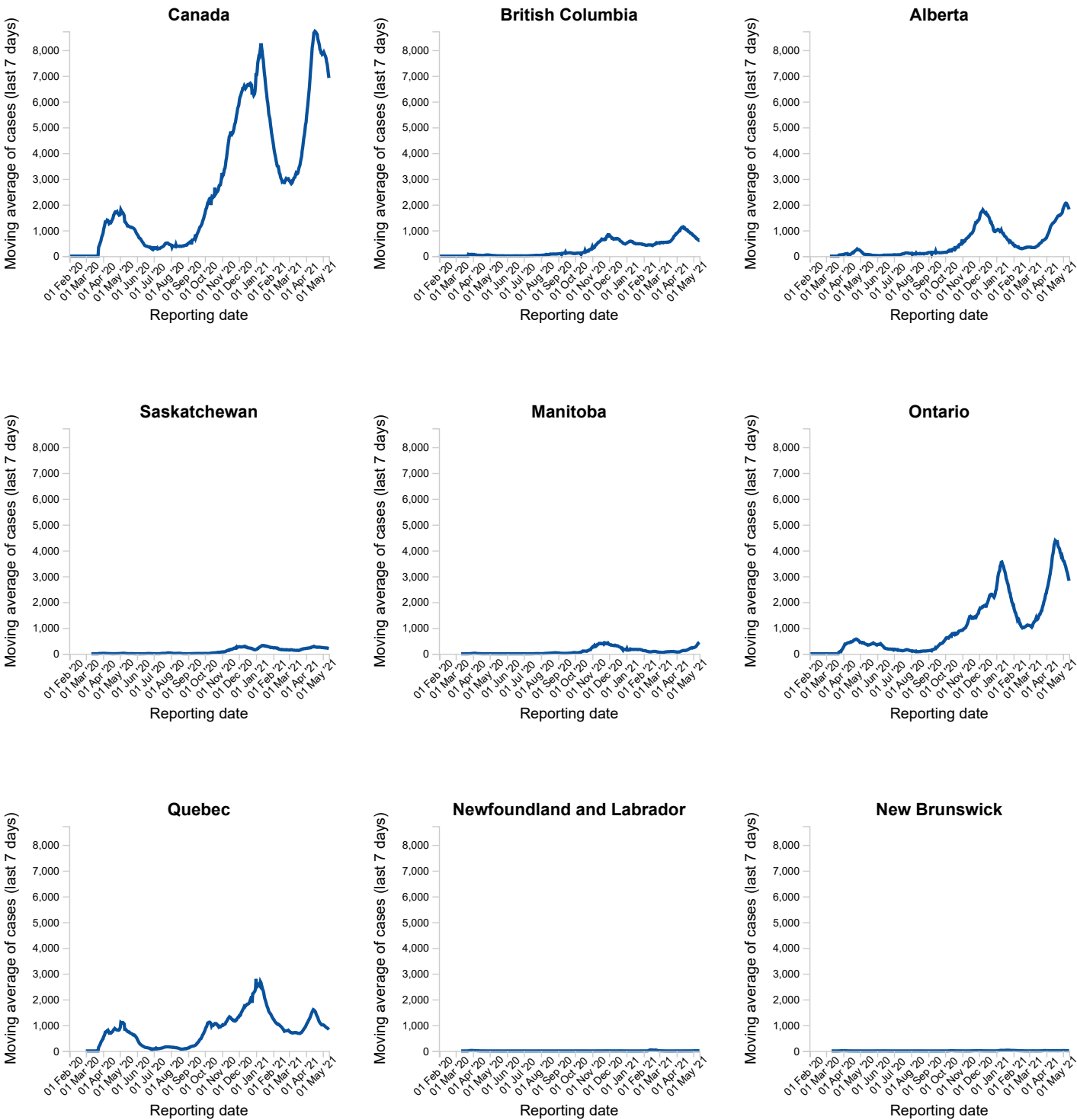
Location	Total cases		Cases last 7 days		Active cases		Resolved	Deaths		Deaths last 7 days		Total tests performed	
	Count	Rate*	Count	Rate*	Count	Rate*	Count	Count	Rate*	Count	Rate*	Count	Rate†
Canada	1,305,770	3,436	48,431	127	76,676	202	1,204,328	24,766	65	316	1	33,001,128	868,331
British Columbia	137,223	2,666	4,298	83	6,074	118	129,524	1,625	32	31	1	2,589,096	502,961
Alberta	213,635	4,831	12,711	287	24,962	565	186,550	2,123	48	21	0	4,332,160	979,711
Saskatchewan	43,673	3,705	1,453	123	2,016	171	41,149	508	43	7	1	803,830	681,974
Manitoba	43,143	3,128	3,064	222	3,940	286	38,203	1,000	73	18	1	725,948	526,330
Ontario	499,412	3,390	19,779	134	29,962	203	461,076	8,374	57	187	1	14,406,591	977,778
Quebec	360,201	4,201	5,811	68	7,756	90	341,433	11,012	128	48	1	8,694,189	1,013,950
Newfoundland and Labrador	1,166	223	52	10	85	16	1,075	6	1	0	0	251,097	480,934
New Brunswick	2,024	259	55	7	124	16	1,859	41	5	2	0	317,271	405,989
Nova Scotia	4,301	439	1,119	114	1,621	166	2,609	71	7	2	0	685,984	700,448
Prince Edward Island	187	117	4	3	8	5	179	0	0	0	0	151,226	947,383
Yukon	84	200	2	5	2	5	80	2	5	0	0	9,129	217,088
Northwest Territories	114	252	29	64	57	126	57	0	0	0	0	20,946	463,807
Nunavut	594	1,509	54	137	69	175	521	4	10	0	0	13,585	345,209

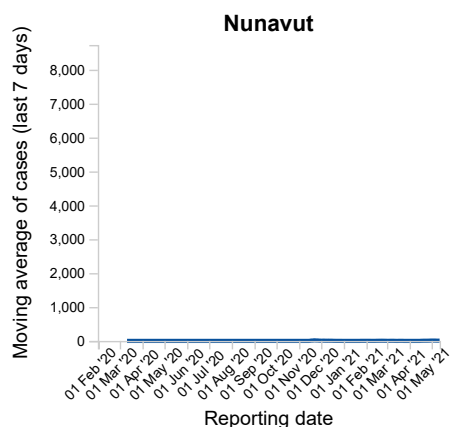
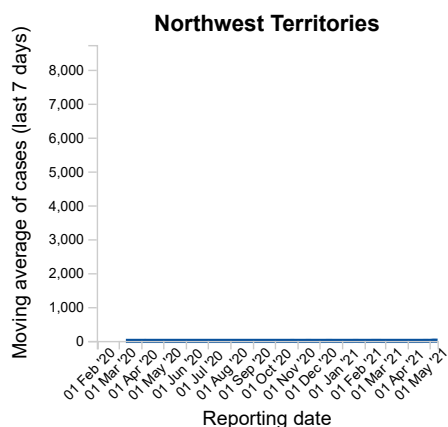
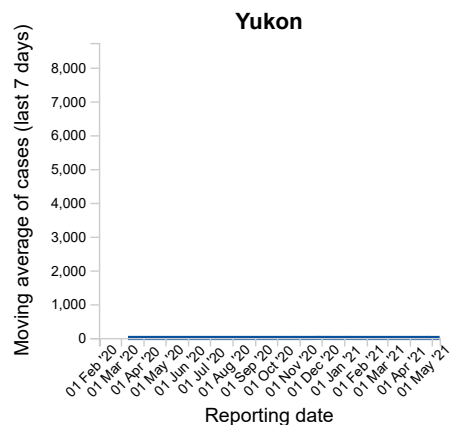
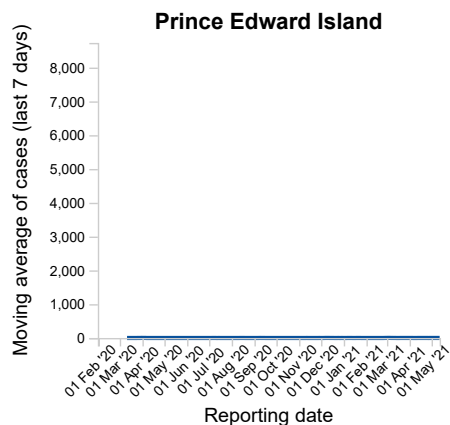
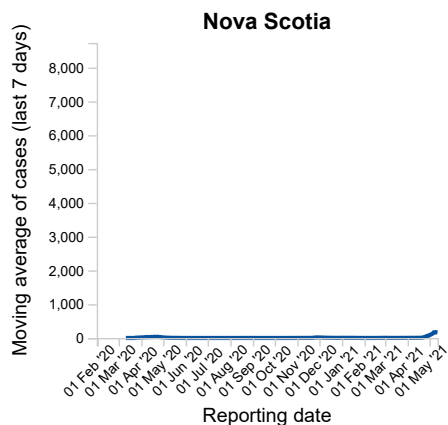
† Rate per 1,000,000 population

* Rate per 100,000 population

Figure 1b. **Moving average** of **cases (last 7 days)** of COVID-19 in Canada as of May 12, 2021, 7 pm EST

The figures below show cases over time. The range of dates (January 31st, 2020 - present date) is the same for each figure. This allows you to compare the provinces and territories on the same timescale.





[Downloadable data \(in .csv format\).](#)

Note: Out of the total number of people tested, 76 were repatriated travellers, of which 13 were cases.

National overview

There have been over **33,001,128** COVID-19 tests performed in Canada or **868,331 tests per 1 million people**. Of these, **4.1%** were positive. For information about testing trends, please see the [Detailed weekly epidemiological report \(PDF\)](#).

Table 1. Daily* change in the number of cases, deaths and tests performed, by province or territory, as of May 12, 2021, 7 pm EST

Location	New cases	New deaths	Tests performed
Canada	6,189	53	133,776
British Columbia	600	1	7,976
Alberta	1,799	4	11,852
Saskatchewan	183	2	3,048
Manitoba	364	3	3,182
Ontario	2,320	32	28,109
Quebec	745	11	72,172
Newfoundland and Labrador	10	0	431
New Brunswick	9	0	1,231
Nova Scotia	149	0	4,525
Prince Edward Island	0	0	883
Yukon	0	0	N/A
Northwest Territories	2	0	185
Nunavut	8	0	182

* The new cases, deaths and tests reflect the difference between a province or territory's current report and their last report. Some provinces and territories do not update daily.

N/A means that no daily update was provided by the province or territory.

Variants of Concern (VOC) in Canada

All viruses, including COVID-19, change, or mutate, over time. Not all mutations are of concern. However, some changes result in variants of concern (VOC). A VOC has changes that are significant to public health. For example, they might:

- spread more easily
- cause more severe illness
- require different treatments, or
- not respond the same to current vaccines

We update VOC (Variants of concern) information daily from Sunday to Thursday at 7:00 PM EST, using publicly reported information from the provinces and territories.

Table 2. Cumulative number of cases involving variants of concern (VOC) publicly reported, as of May 12, 2021 7:00 PM EST

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	151,312	1,089	6,173
British Columbia	4,039	76	2,063
Alberta	37,377	130	2,200
Saskatchewan	3,438	9	51
Manitoba	2,614	21	36
Ontario	98,495	568	1,683
Quebec	4,845	263	136
Newfoundland and Labrador	187	6	1
New Brunswick	180	4	1
Nova Scotia	73	12	1
Prince Edward Island	15	0	0
Yukon	2	0	1
Northwest Territories	26	0	0
Nunavut	21	0	0

Note: The table reports publicly available information from the provinces and territories. In case of discrepancies, the provincial or territorial data should be considered current and correct.

Detailed case information

The tables and figures below reflect detailed case information provided to the Public Health Agency of Canada (PHAC) by health authorities in the provinces and territories. This data is updated every week. It may change as we get more information about cases.

Updated: May 7, 2021, 9 am EST

Epidemic curve

As of May 7, 2021, 9 am EST, PHAC has received detailed case report data on 1,257,680 cases. Both exposure and symptom onset date were available for 1,116,112 (88.7%) cases ¹.

The shaded area on the far right of Figure 2 represents lag time. This is the period of time (1 to 2 weeks) before the latest cases are reported to PHAC. This delay is a result of the time required to seek health care, get tested and receive results. It also takes time for public health authorities to gather information on cases. We update this information as it becomes available.

Figure 2. COVID-19 cases (n=1,257,680 ¹) in Canada by date of illness onset ² as of May 7, 2021, 7 pm EST (total cases)

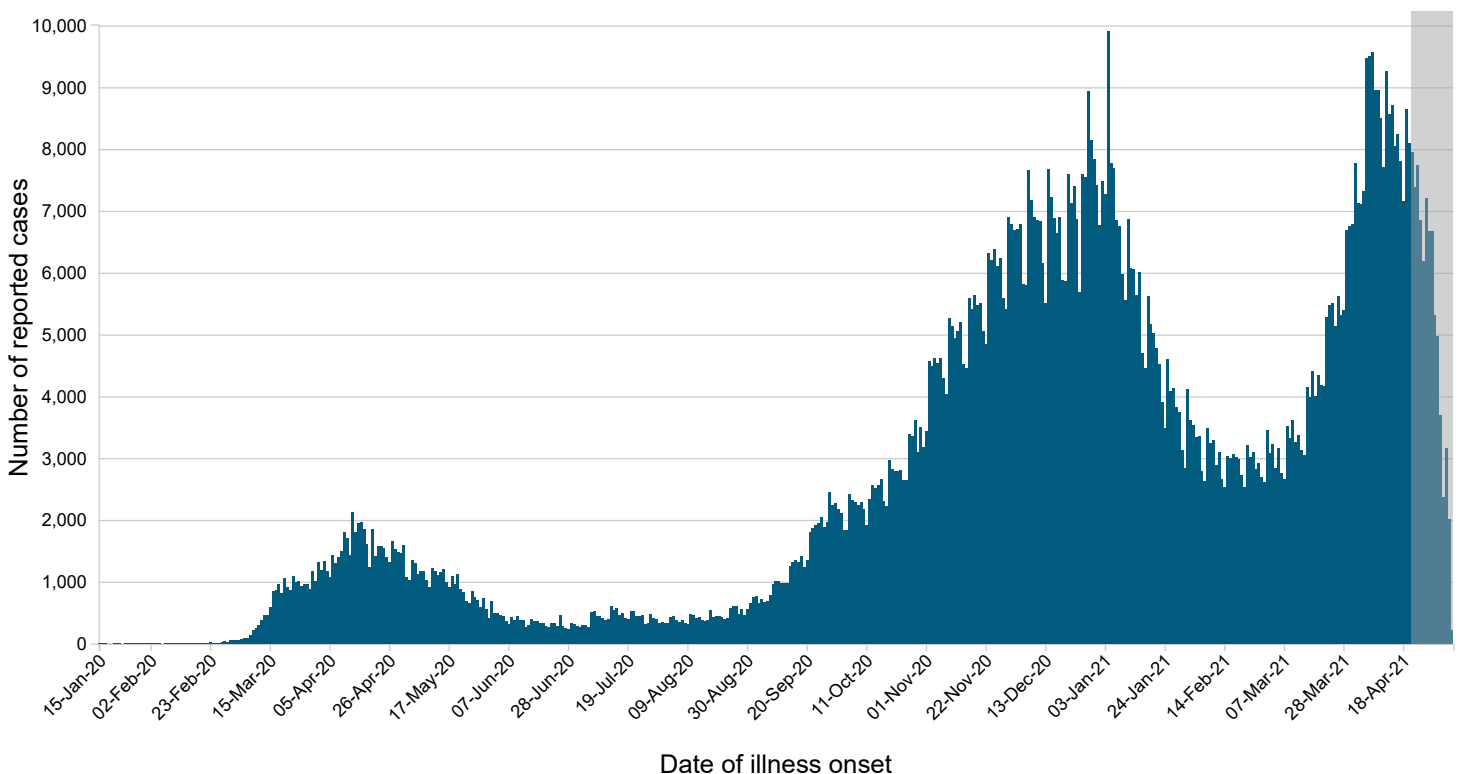


Figure 2. COVID-19 cases (n=1,116,112 ¹) in Canada by date of illness onset ² as of May 7, 2021, 7 pm EST (by exposure)

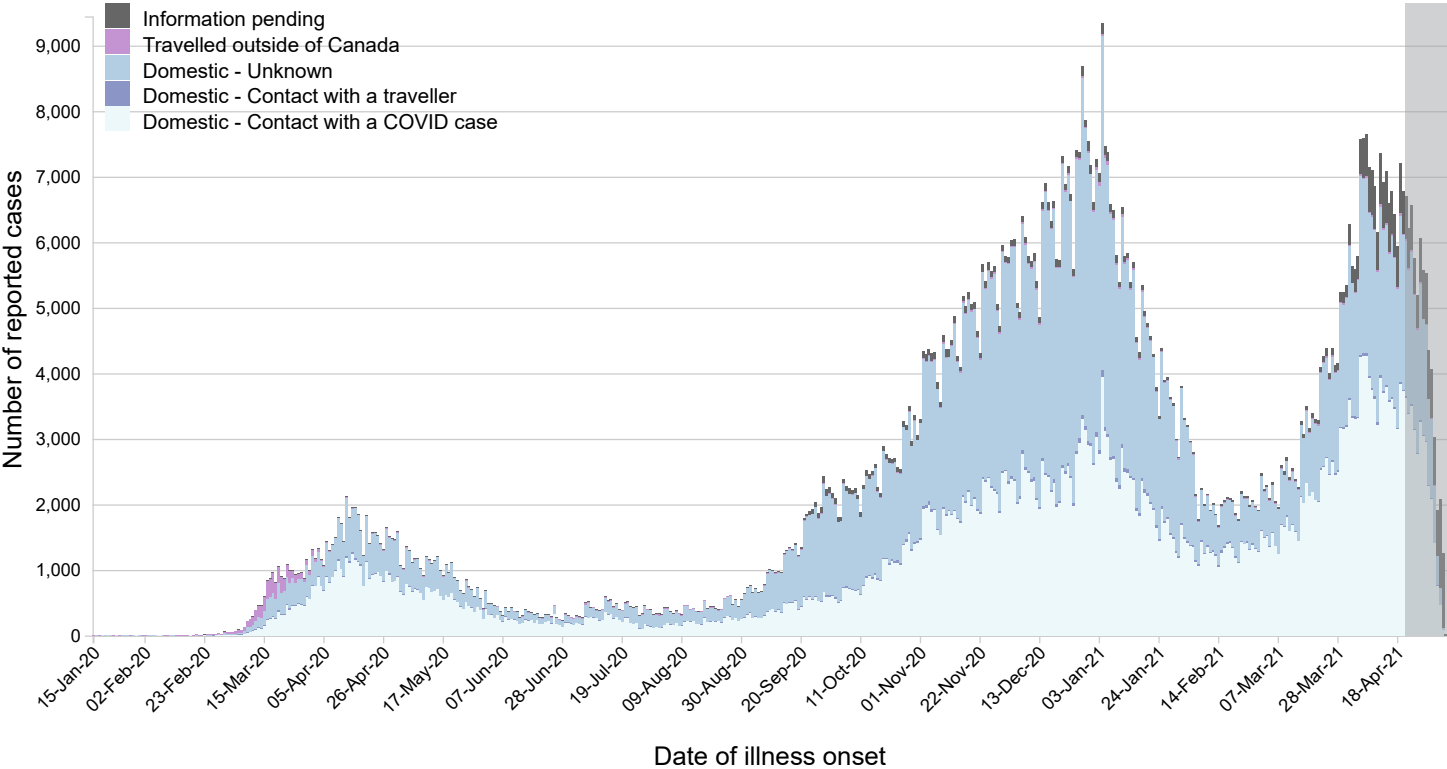


Figure 2. COVID-19 cases (n=1,257,313 ¹) in Canada by date of illness onset ² as of May 7, 2021, 7 pm EST (by age - 10 year groups)

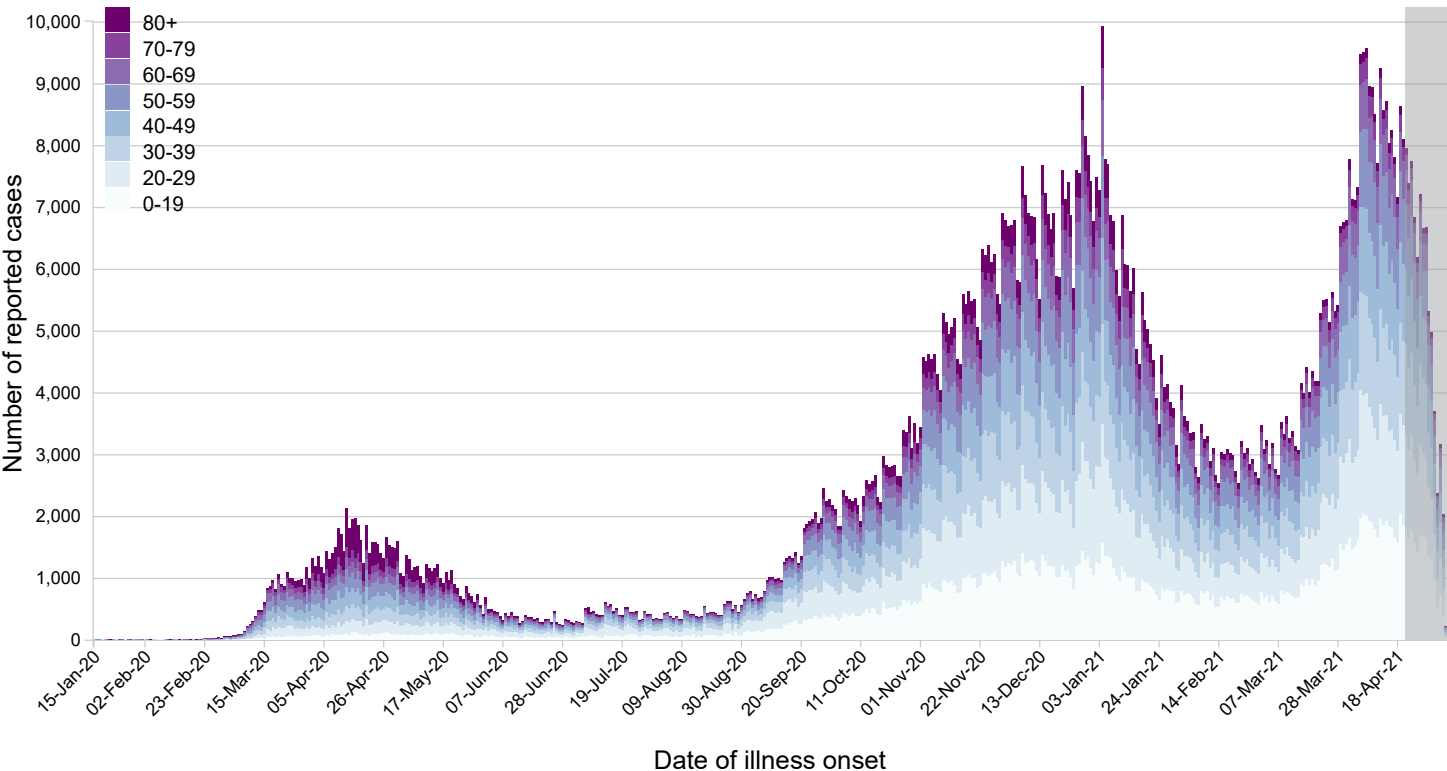
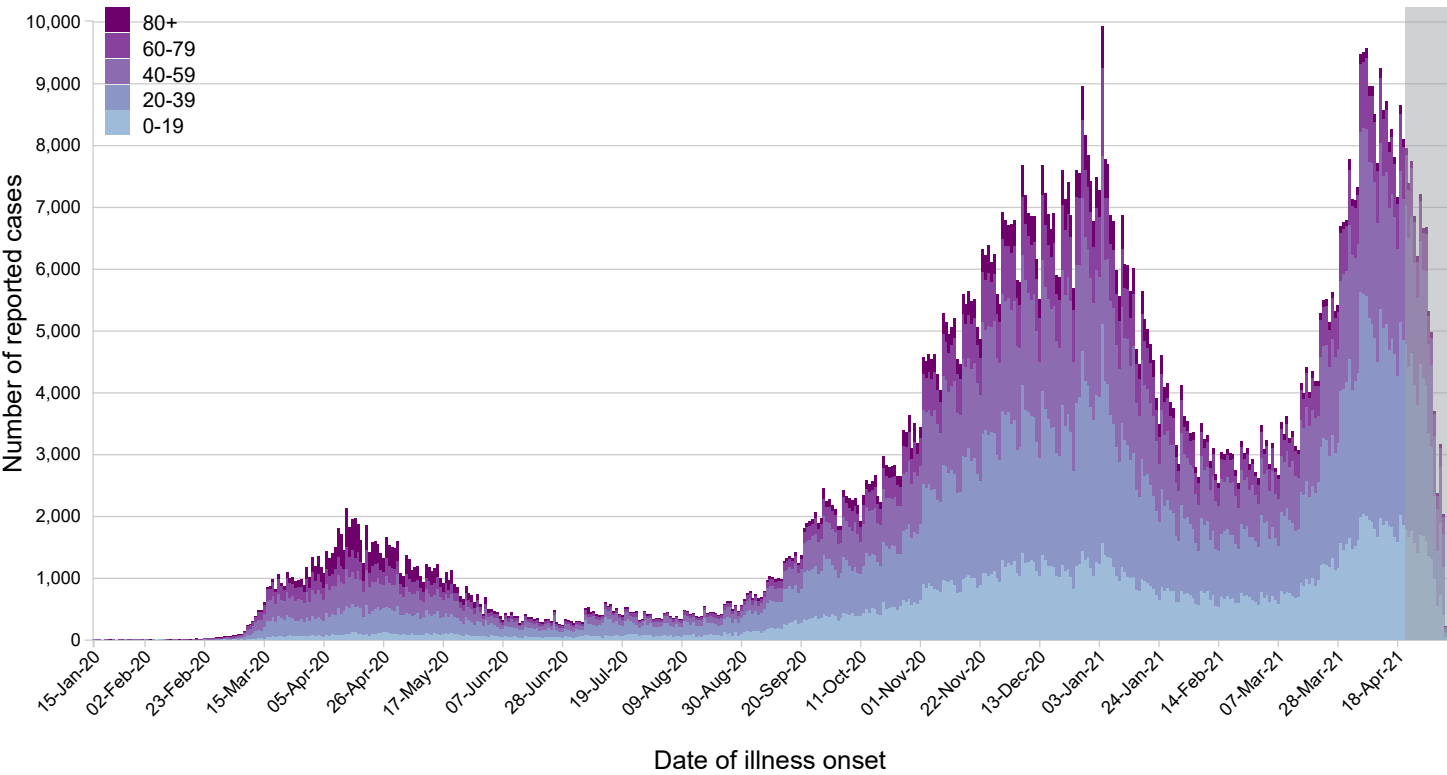


Figure 2. COVID-19 cases (n=1,257,313¹) in Canada by date of illness onset² as of May 7, 2021, 7 pm EST (by age - 20 year groups)



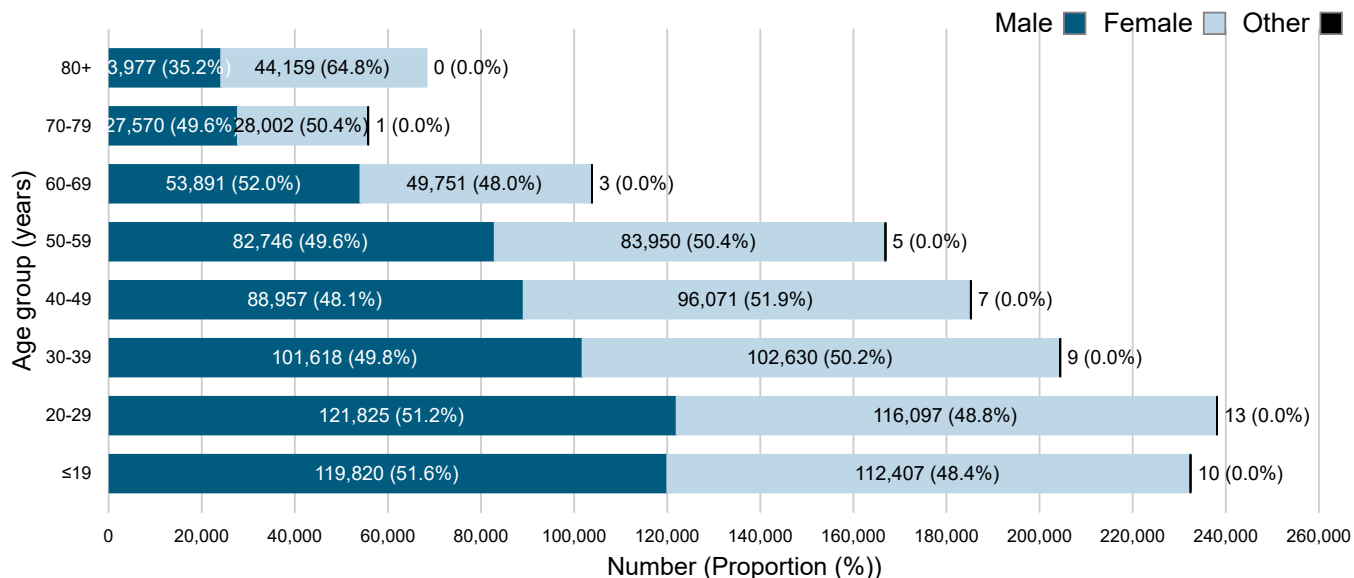
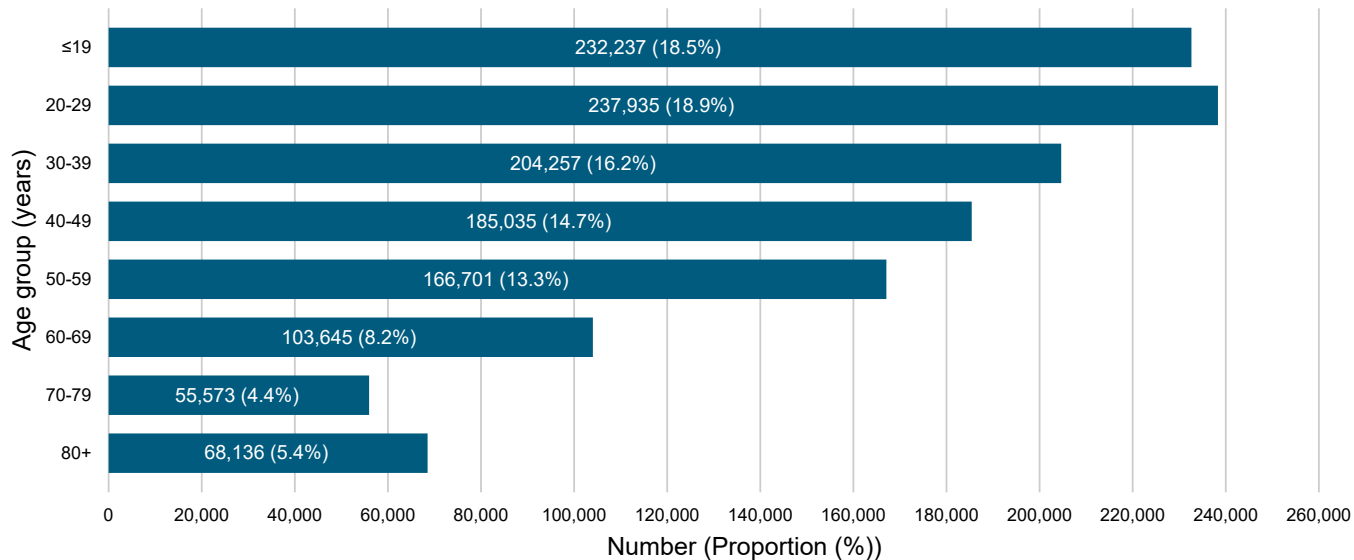
This figure may underestimate the total number of cases among returning travelers. Exposure history is not available for all cases and jurisdictions have not all consistently reported exposure history to PHAC throughout the pandemic.

Demographics

We have detailed case report data from 1,257,680 cases. We know the age of patients in 100.00% of cases, and both age and gender in 99.67% of cases.

Of the cases reported in Canada so far, about half (50.5%) were female. About one-fifth (18.1%) were 60 years old and over (Figure 3).

Figure 3. Age distribution of COVID-19 cases (n=1,257,680 ¹) in Canada as of May 7, 2021, 7 pm EST ⁴



Age by gender ⁴ distribution of COVID-19 cases (n=1,257,680 ¹) in Canada, May 7, 2021, 7 pm EST

Age group (years)	Number of cases with case reports (percentage)	Number of male cases (percentage)	Number of female cases (percentage)	Number of other cases (percentage)
≤19	232,237 (18.5%)	119,820 (19.3%)	112,407 (17.8%)	10 (20.8%)
20-29	237,935 (18.9%)	121,825 (19.6%)	116,097 (18.3%)	13 (27.1%)
30-39	204,257 (16.2%)	101,618 (16.4%)	102,630 (16.2%)	9 (18.8%)
40-49	185,035 (14.7%)	88,957 (14.3%)	96,071 (15.2%)	7 (14.6%)
50-59	166,701 (13.3%)	82,746 (13.3%)	83,950 (13.3%)	5 (10.4%)
60-69	103,645 (8.2%)	53,891 (8.7%)	49,751 (7.9%)	3 (6.3%)
70-79	55,573 (4.4%)	27,570 (4.4%)	28,002 (4.4%)	1 (2.1%)
80+	68,136 (5.4%)	23,977 (3.9%)	44,159 (7.0%)	0 (0.0%)
Total	1,253,519 (100%)	620,404 (100%)	633,067 (100%)	48 (100%)

How people were exposed ³

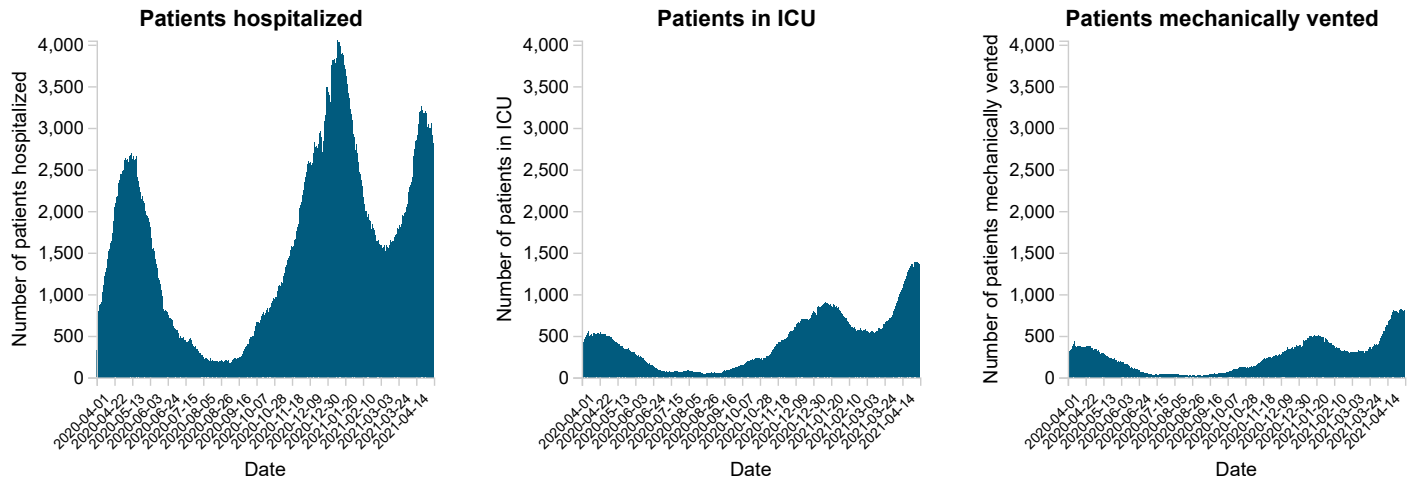
In Canada ▼, detailed case report data were provided for 1,257,680 cases. We have exposure history for 1,116,111 (88.7%) cases. The probable exposure setting of these cases ¹ are:

- any exposure that occurred in Canada: **1,070,489 (95.9%)**, including
 - from contact with a known COVID case: **529,492 (47.4%)**
 - from contact with a traveller: **7,924 (0.7%)**
 - from an unknown source: **533,073 (47.8%)**
- currently unknown (information pending): **36,429 (3.3%)**
- travelled outside of Canada: **9,193 (0.8%)**

Severe illness and outcomes

Hospital use

Figure 4. Daily number of hospital beds and ICU beds occupied by COVID-19 patients as of May 4, 2021



Between April 27, 2021 and May 4, 2021:

- the number of **hospital beds** occupied by COVID-19 patients **decreased** from **3,005** to **2,816** beds.
- the number of **ICU beds** occupied by COVID-19 patients **increased** from **1,326** to **1,366** beds.
- the number of **COVID-19 patients who were mechanically vented** increased from **772** to **809**.

Hospitalizations and deaths to date

We have detailed case report data on 1,257,680 cases, and hospitalization status for 872,742 (69.4%) of them:

- **64,802 cases (7.4%)** were hospitalized, of whom:
 - **11,783 (18.2%)** were admitted to the ICU
 - **1,884 (2.9%)** needed mechanical ventilation

The provinces and territories provided detailed case report forms for **24,450** deaths related to COVID-19.

Figure 5a. Age and gender⁴ distribution of COVID-19 cases hospitalized in Canada as of May 7, 2021, 7 pm EST (n=64,684¹)

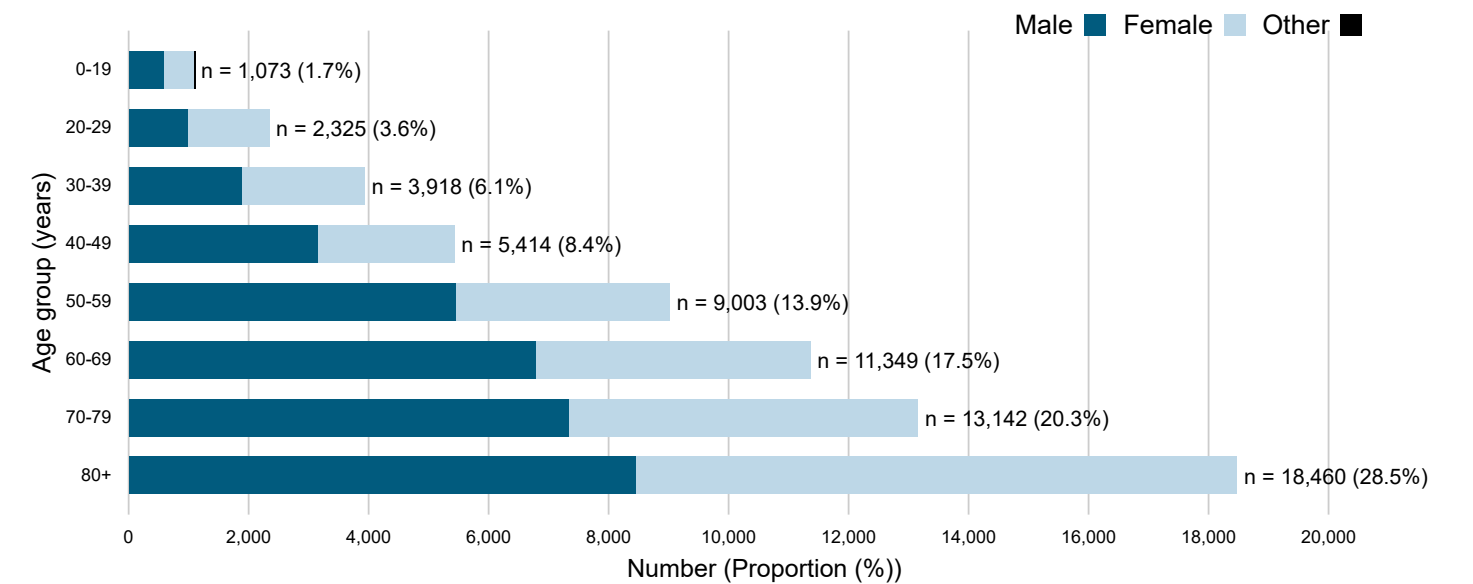


Figure 5b. Age and gender⁴ distribution of COVID-19 cases admitted to ICU in Canada as of May 7, 2021, 7 pm EST (n=11,758¹)

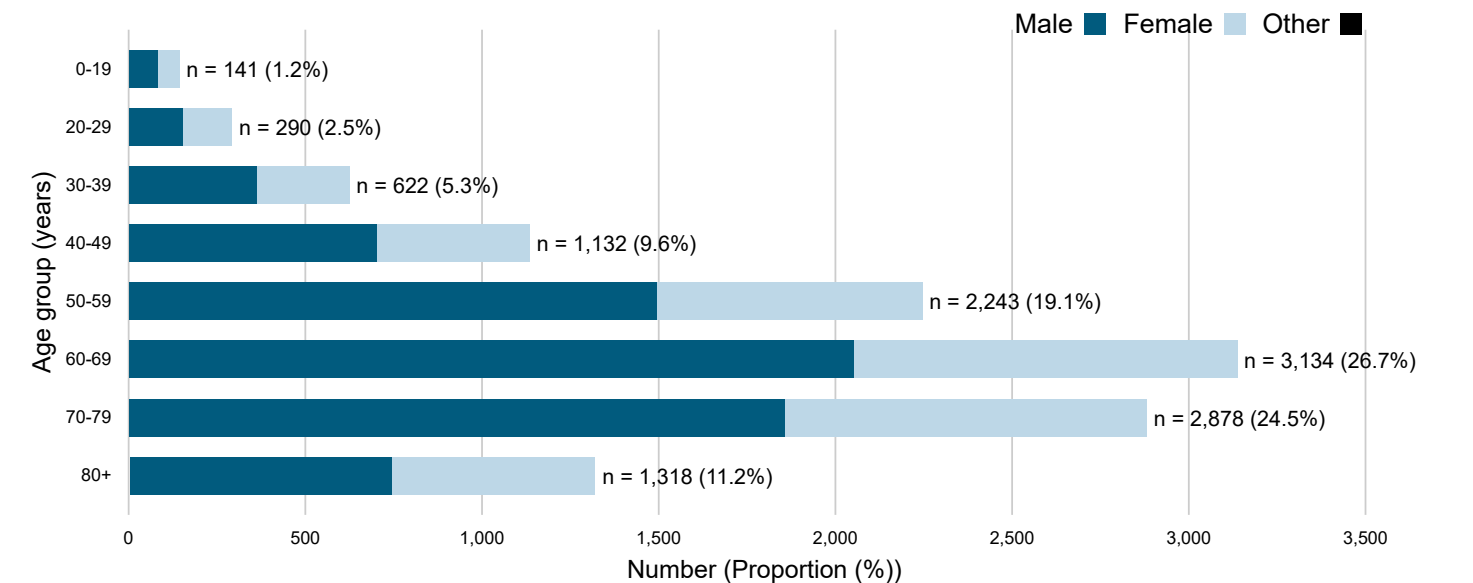
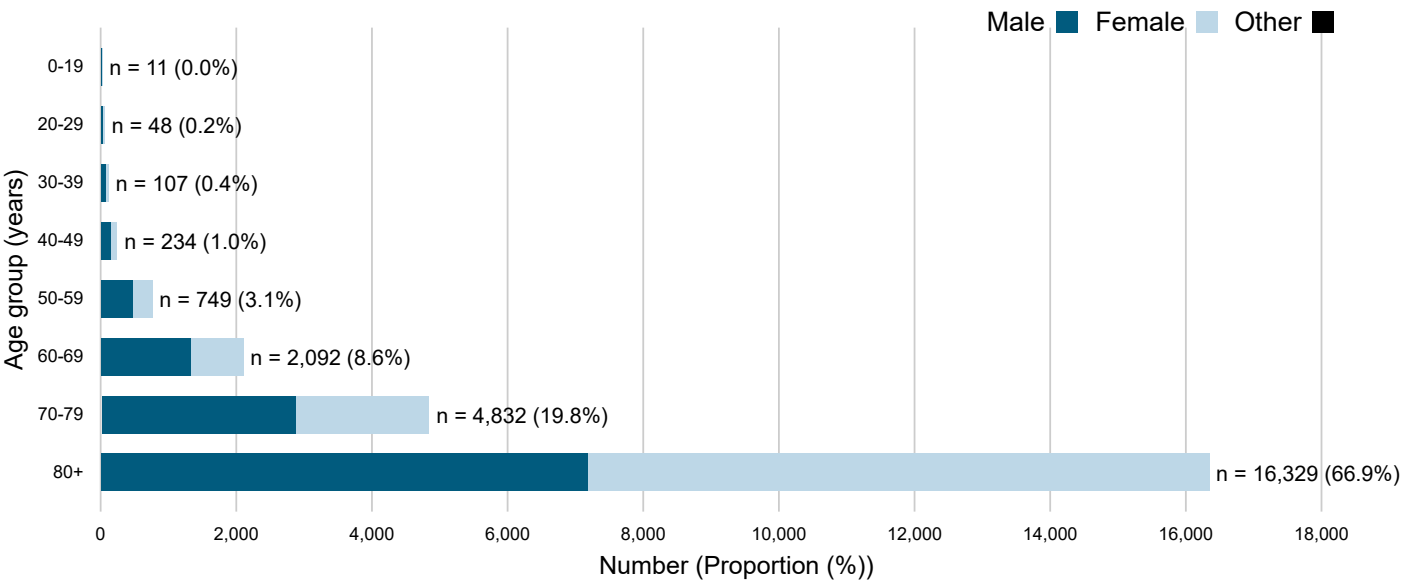


Figure 5c. Age and gender ⁴ distribution of COVID-19 cases deceased in Canada as of May 7, 2021, 7 pm EST (n=24,402 ¹)



Data note: Figure 5 includes COVID-19 cases hospitalized, admitted to ICU, and deceased for which age and gender information were available. Therefore, some COVID-19 hospitalizations, ICU admissions, and deaths may not be included in Figure 5.

Age and gender ⁴ distribution of COVID-19 cases hospitalized in Canada as of May 7, 2021, 7 pm EST (n=64,684 ¹)

Age group (years)	Number of cases with case reports (percentage)	Number of male cases (percentage)	Number of female cases (percentage)	Number of other cases (percentage)
0-19	1,073 (1.7%)	573 (0.9%)	499 (0.8%)	1 (0.0%)
20-29	2,325 (3.6%)	974 (1.5%)	1,351 (2.1%)	0 (0.0%)
30-39	3,918 (6.1%)	1,868 (2.9%)	2,050 (3.2%)	0 (0.0%)
40-49	5,414 (8.4%)	3,143 (4.9%)	2,271 (3.5%)	0 (0.0%)
50-59	9,003 (13.9%)	5,452 (8.4%)	3,551 (5.5%)	0 (0.0%)
60-69	11,349 (17.5%)	6,774 (10.5%)	4,575 (7.1%)	0 (0.0%)
70-79	13,142 (20.3%)	7,336 (11.3%)	5,806 (9.0%)	0 (0.0%)
80+	18,460 (28.5%)	8,448 (13.1%)	10,012 (15.5%)	0 (0.0%)

Age and gender ⁴ distribution of COVID-19 cases admitted to ICU in Canada as of May 7, 2021, 7 pm EST (n=11,758 ¹)

Age group (years)	Number of cases with case reports (percentage)	Number of male cases (percentage)	Number of female cases (percentage)	Number of other cases (percentage)
0-19	141 (1.2%)	81 (0.7%)	60 (0.5%)	0 (0.0%)
20-29	290 (2.5%)	154 (1.3%)	136 (1.2%)	0 (0.0%)
30-39	622 (5.3%)	361 (3.1%)	261 (2.2%)	0 (0.0%)
40-49	1,132 (9.6%)	701 (6.0%)	431 (3.7%)	0 (0.0%)
50-59	2,243 (19.1%)	1,493 (12.7%)	750 (6.4%)	0 (0.0%)
60-69	3,134 (26.7%)	2,050 (17.4%)	1,084 (9.2%)	0 (0.0%)
70-79	2,878 (24.5%)	1,855 (15.8%)	1,023 (8.7%)	0 (0.0%)
80+	1,318 (11.2%)	744 (6.3%)	574 (4.9%)	0 (0.0%)

**Age and gender ⁴ distribution of COVID-19 cases deceased in Canada as of May 7, 2021,
7 pm EST (n=24,402 ¹)**

Age group (years)	Number of cases with case reports (percentage)	Number of male cases (percentage)	Number of female cases (percentage)	Number of other cases (percentage)
0-19	11 (0.0%)	4 (0.0%)	7 (0.0%)	0 (0.0%)
20-29	48 (0.2%)	27 (0.1%)	21 (0.1%)	0 (0.0%)
30-39	107 (0.4%)	68 (0.3%)	39 (0.2%)	0 (0.0%)
40-49	234 (1.0%)	146 (0.6%)	88 (0.4%)	0 (0.0%)
50-59	749 (3.1%)	463 (1.9%)	286 (1.2%)	0 (0.0%)
60-69	2,092 (8.6%)	1,318 (5.4%)	774 (3.2%)	0 (0.0%)
70-79	4,832 (19.8%)	2,874 (11.8%)	1,958 (8.0%)	0 (0.0%)
80+	16,329 (66.9%)	7,172 (29.4%)	9,157 (37.5%)	0 (0)

Provincial, territorial and international reporting

For more information, please refer to provincial or territorial COVID-19 webpages:

- [British Columbia](#)
- [Alberta](#)
- [Saskatchewan](#)
- [Manitoba](#)
- [Ontario](#)
- [Quebec](#)
- [Newfoundland and Labrador](#)
- [New Brunswick](#)
- [Nova Scotia](#)
- [Prince Edward Island](#)
- [Yukon](#)
- [Northwest Territories](#)
- [Nunavut](#)
- [World Health Organization](#)
- [Centers for Disease Control and Prevention](#)
- [European Centre for Disease Control and Prevention](#)

-
- 1 This figure is based on cases for which a case report form was received by the Public Health Agency of Canada from provincial or territorial partners.
 - 2 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. The earliest of the following dates were used as an estimate: Onset date, Specimen Collection Date, Laboratory Testing Date, Date Reported to Province or Territory, or Date Reported to PHAC.
 - 3 Exposure information may not be available for all cases. Some jurisdictions haven't consistently reported to PHAC how people were exposed throughout the pandemic. As a result, this may underestimate the total number of cases by different exposures, especially among returning travelers.
 - 4 Where available, gender data was used; when gender data was unavailable, sex data was used. Reliable data on gender diverse respondents are unavailable due to small counts.
-

Date modified:

2021-05-12

