



COVID-19 daily epidemiology update

Updated: April 21, 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 April 21, 2021, 7 pm EST

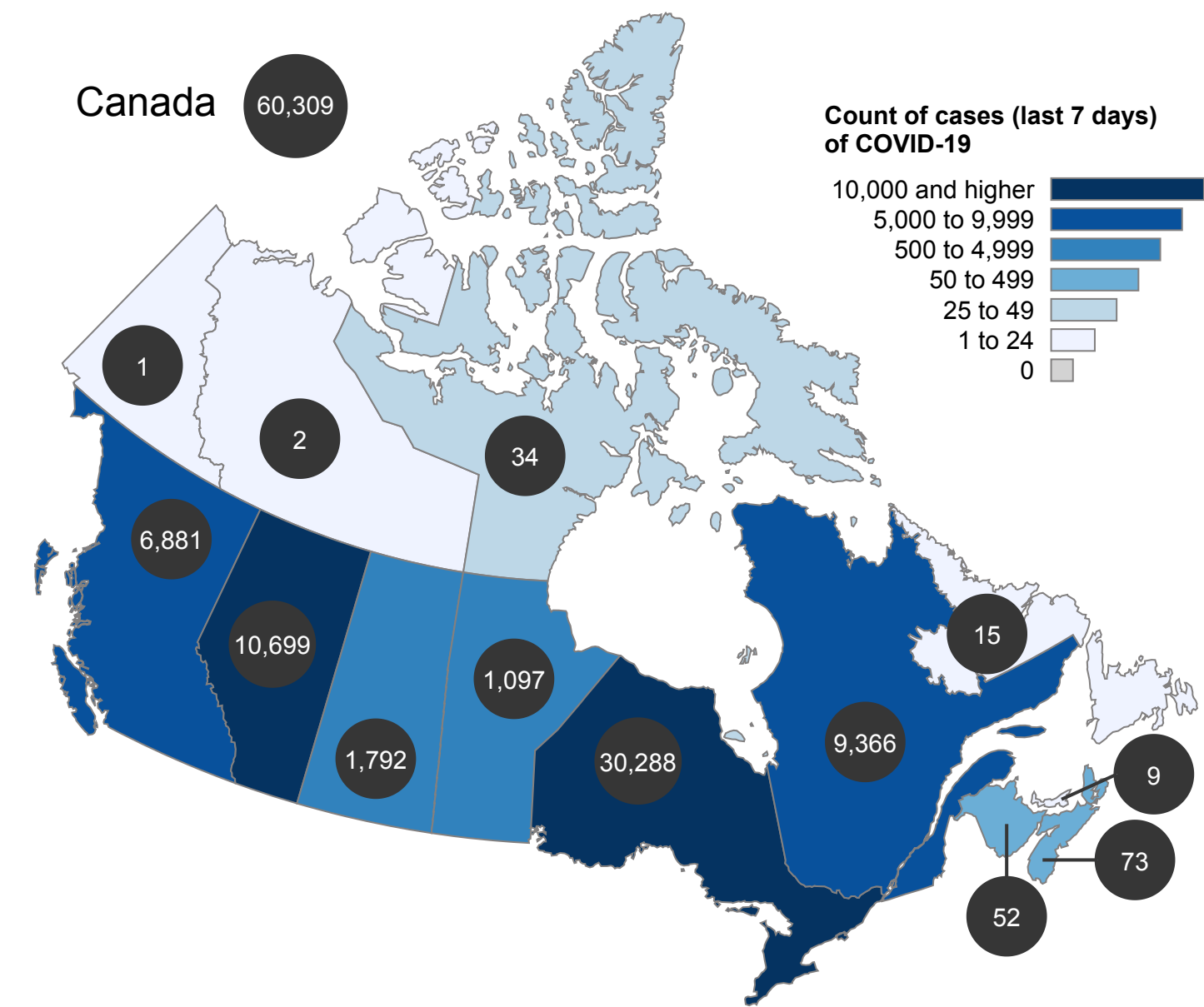
Cases today	Total cases	Active cases	Total resolved	Deaths today	Total deaths
8,421	1,147,463	89,167	1,034,533	51	23,763

Tests performed today	Total tests performed	Percent positive (total)	Tests performed per million population
105,804	30,274,366	3.9%	796,584

- 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 (67.1%) and deaths (78.4%) 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 12 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 April 21, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **60,309** as of April 21, 2021.

This information is based on data from our provincial and territorial partners. It's current as of April 21, 2021, 7 pm EST. For the most up to date data for any province, territory or city, please visit their web site.

Areas in Canada with cases of COVID-19 as of April 21, 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	1,147,463	3,019	60,309	159	89,167	235	1,034,533	23,763	63	318	1	30,274,366	796,584
British Columbia	121,751	2,365	6,881	134	9,166	178	111,039	1,546	30	25	0	2,389,799	464,245
Alberta	175,230	3,963	10,699	242	20,180	456	153,002	2,048	46	19	0	3,970,651	897,956
Saskatchewan	38,883	3,299	1,792	152	2,551	216	35,863	469	40	11	1	732,675	621,606
Manitoba	36,632	2,656	1,097	80	1,833	133	33,838	961	70	7	1	637,594	462,272
Ontario	429,123	2,912	30,288	206	42,917	291	378,417	7,789	53	179	1	13,465,492	913,905
Quebec	340,397	3,970	9,366	109	12,221	143	317,338	10,838	126	75	1	7,911,852	922,711
Newfoundland and Labrador	1,049	201	15	3	31	6	1,012	6	1	0	0	236,011	452,039
New Brunswick	1,804	231	52	7	139	18	1,631	34	4	1	0	286,705	366,876
Nova Scotia	1,856	190	73	7	79	8	1,710	67	7	1	0	470,988	480,918
Prince Edward Island	174	109	9	6	13	8	161	0	0	0	0	136,080	852,498
Yukon	77	183	1	2	2	5	74	1	2	0	0	8,824	209,835
Northwest Territories	45	100	2	4	2	4	43	0	0	0	0	17,070	377,981
Nunavut	429	1,090	34	86	33	84	392	4	10	0	0	10,549	268,061

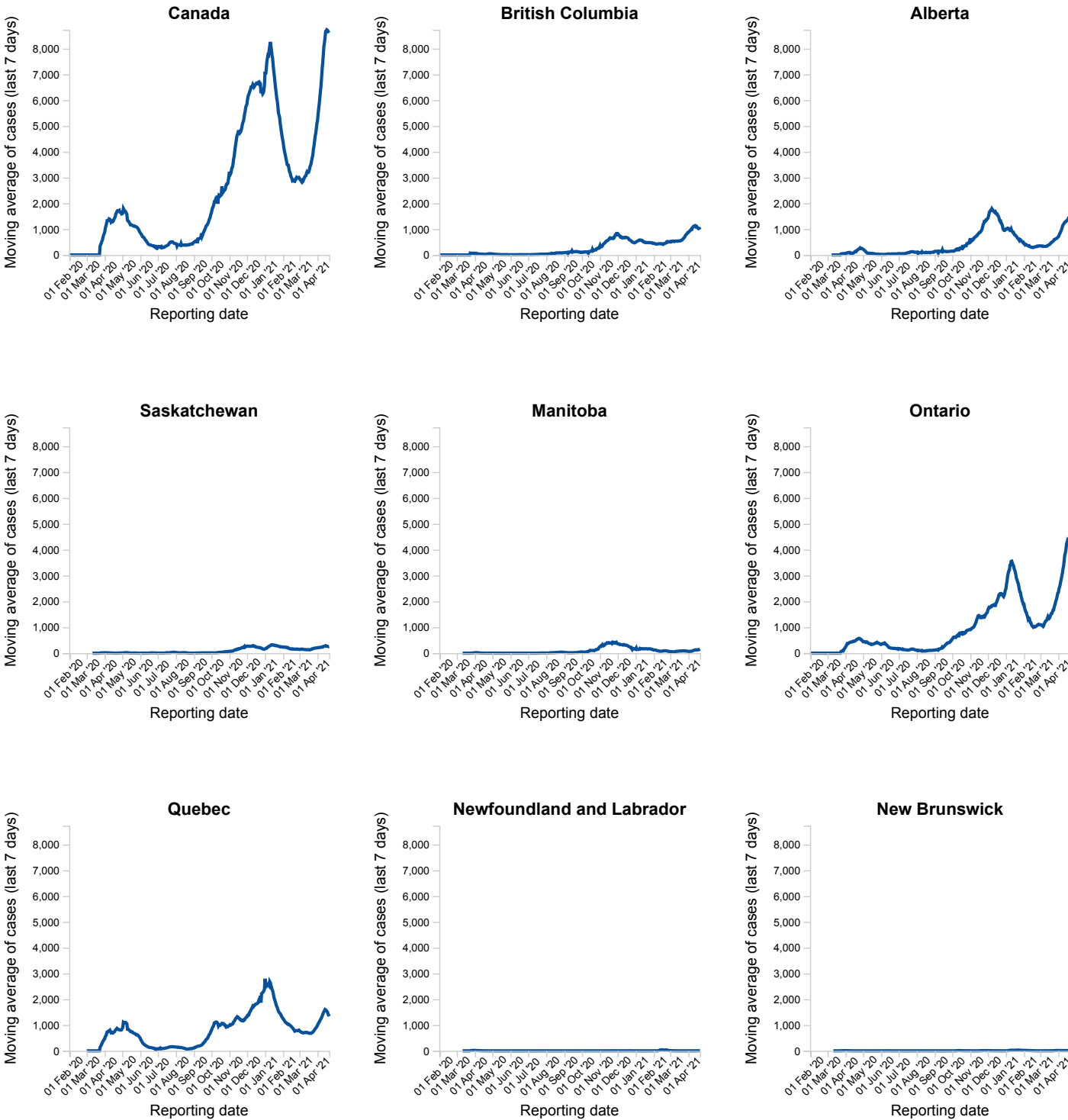
† Rate per 1,000,000 population

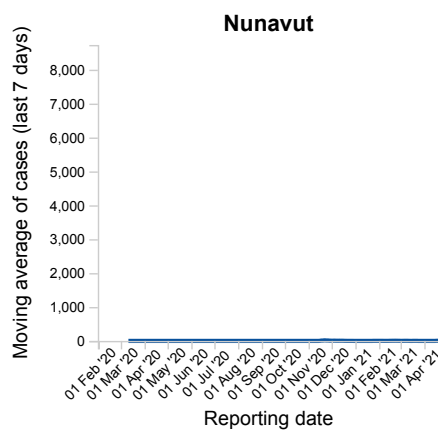
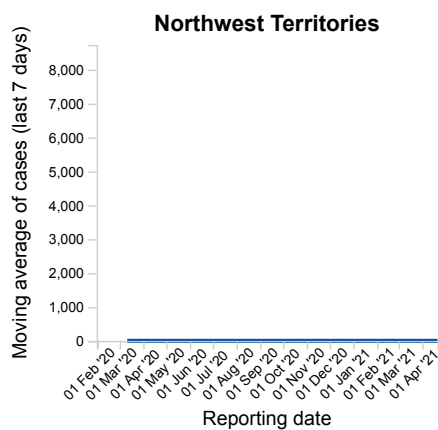
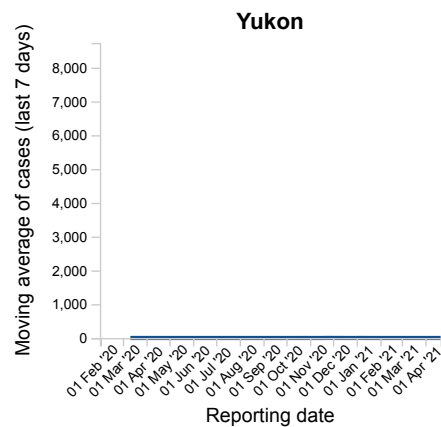
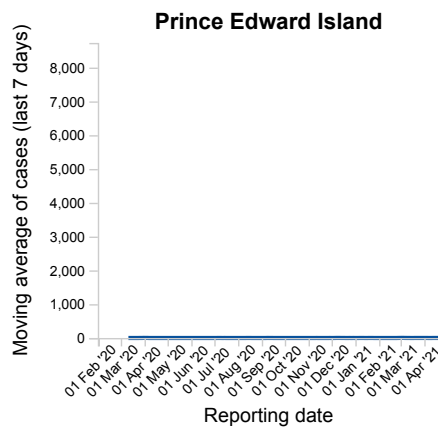
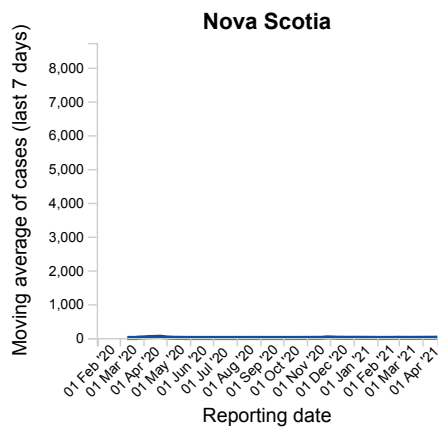
* Rate per 100,000 population

†† Recovered refers to cases that are resolved. These are people who have molecular test proof to show they had a positive COVID-19 test taken between 14 to 90 days before travel.

Figure 1b. **Moving average** of **cases (last 7 days)** of COVID-19 in Canada as of April 21, 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 **30,274,366** COVID-19 tests performed in Canada or **796,584 tests per 1 million people**. Of these, **3.9%** 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 April 21, 2021, 7 pm EST

Location	New cases	New deaths	Tests performed
Canada	8,421	51	105,804
British Columbia	862	7	8,453
Alberta	1,699	N/A	13,163
Saskatchewan	231	4	2,740
Manitoba	164	1	2,551
Ontario	4,212	32	40,596
Quebec	1,217	6	33,200
Newfoundland and Labrador	1	0	470
New Brunswick	7	1	931
Nova Scotia	25	0	2,723
Prince Edward Island	0	0	783
Yukon	0	0	2
Northwest Territories	2	0	65
Nunavut	1	0	127

* 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 April 21, 2021 7:00 PM EST

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	70,253	427	2,479
British Columbia	4,041	76	2,062
Alberta	18,390	31	182
Saskatchewan	2,046	9	5
Manitoba	704	20	2
Ontario	41,395	108	212
Quebec	3,242	166	14
Newfoundland and Labrador	178	1	0
New Brunswick	180	4	0
Nova Scotia	65	12	1
Prince Edward Island	10	0	0
Yukon	1	0	1
Northwest Territories	1	0	0
Nunavut	0	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: April 16, 2021, 9 am EST

Epidemic curve

As of April 16, 2021, 9 am EST, PHAC has received detailed case report data on 1,093,690 cases. Both exposure and symptom onset date were available for 1,078,119 (98.6%) 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=1,078,119 ¹) in Canada by date of illness onset ² as of April 16, 2021, 7 pm EST (total cases)

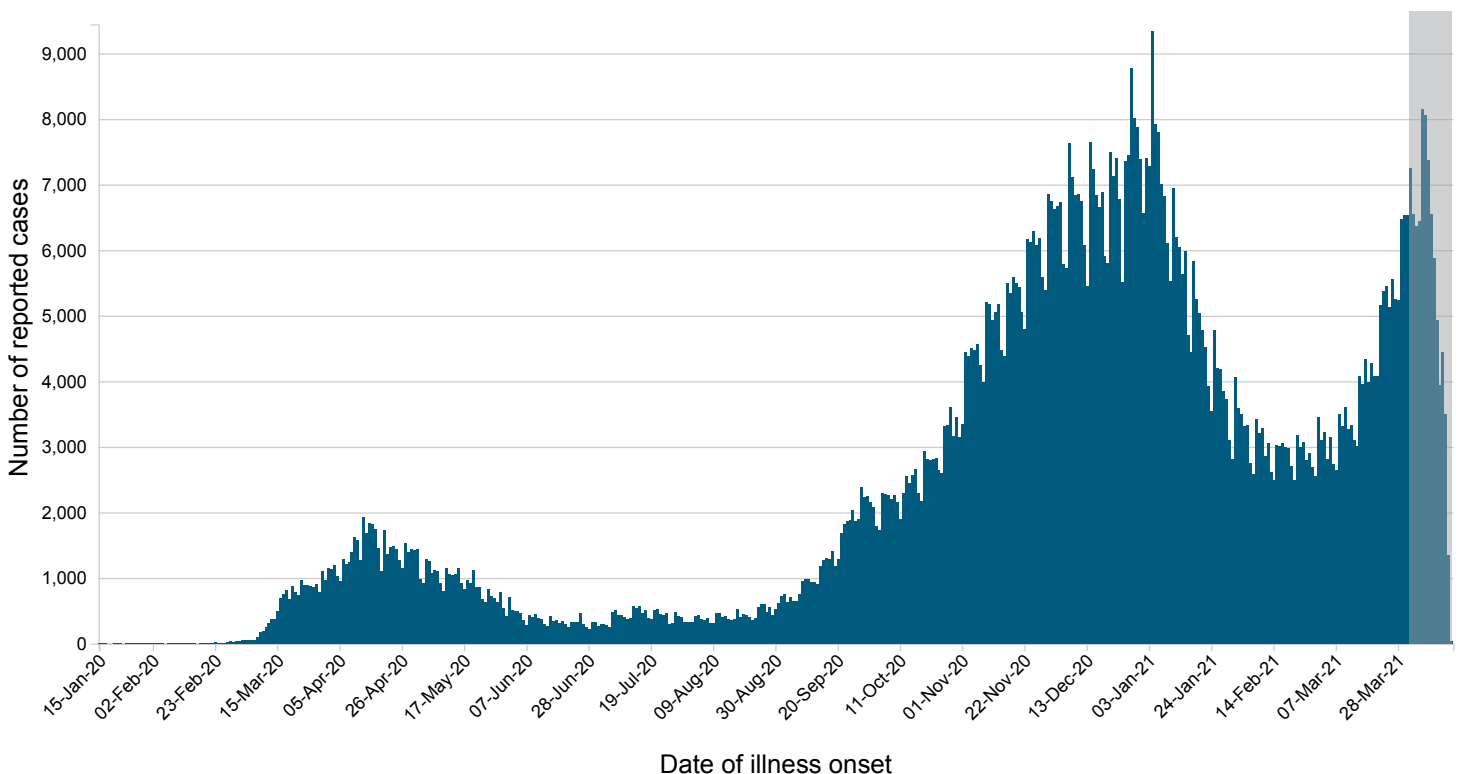


Figure 2. COVID-19 cases (n=1,078,119 ¹) in Canada by date of illness onset ² as of April 16, 2021, 7 pm EST (by exposure)

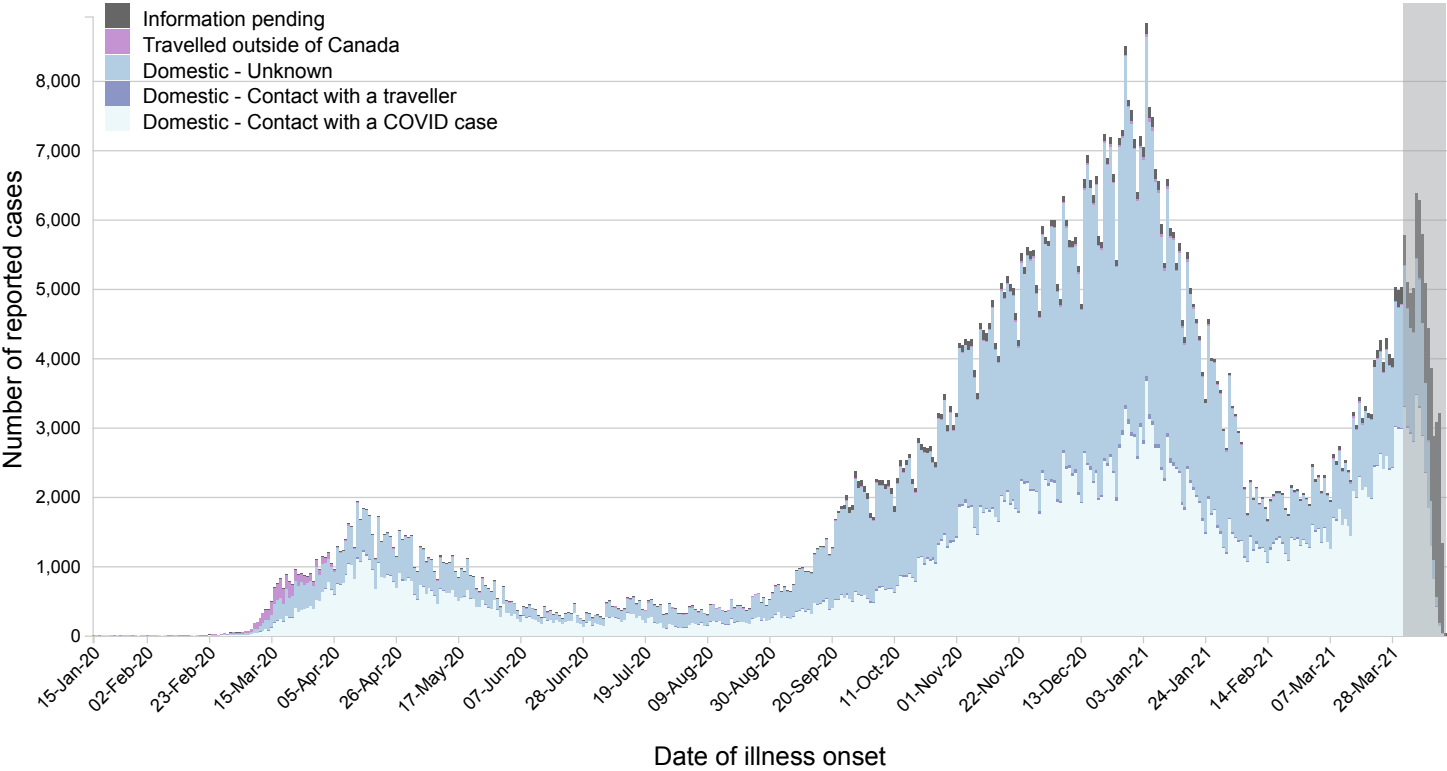


Figure 2. COVID-19 cases (n=1,077,735 ¹) in Canada by date of illness onset ² as of April 16, 2021, 7 pm EST (by age - 10 year groups)

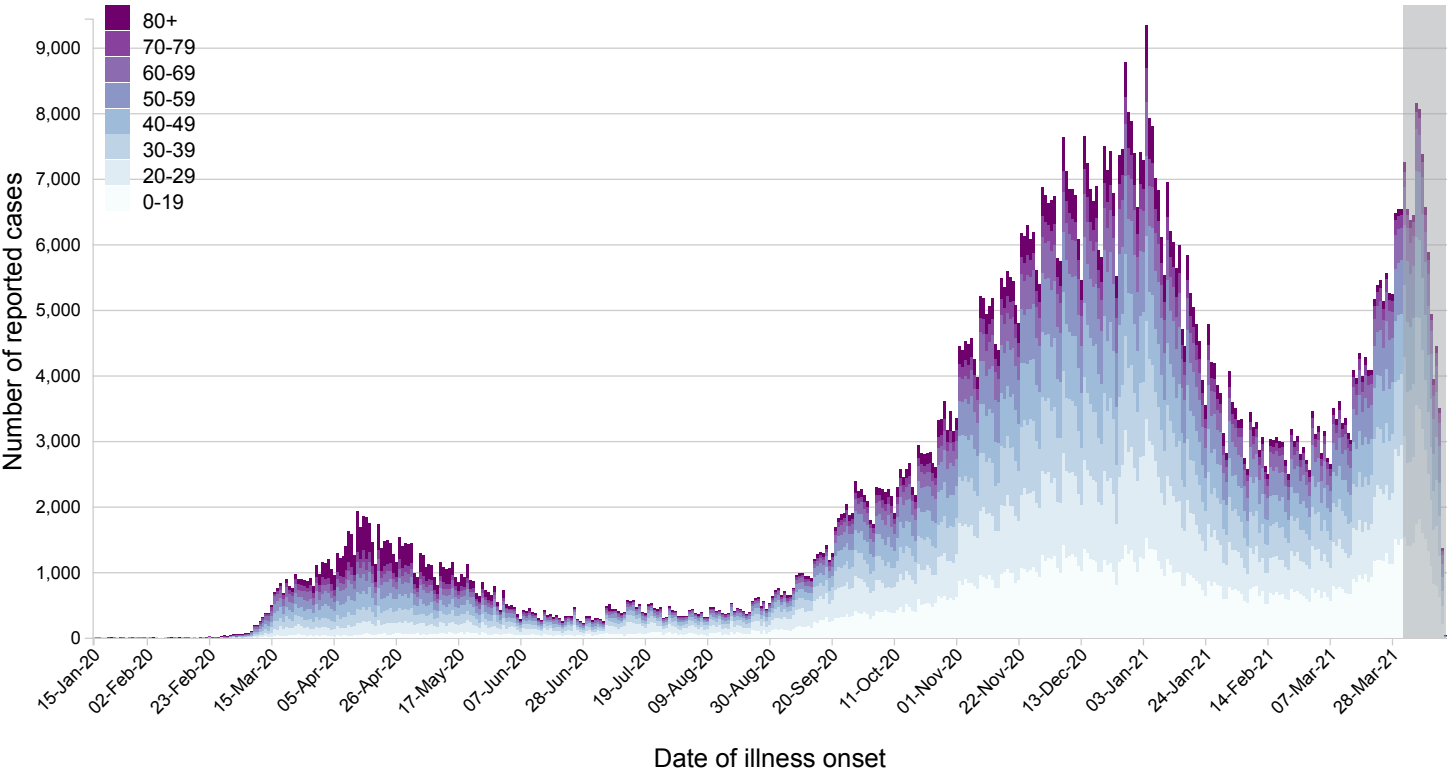
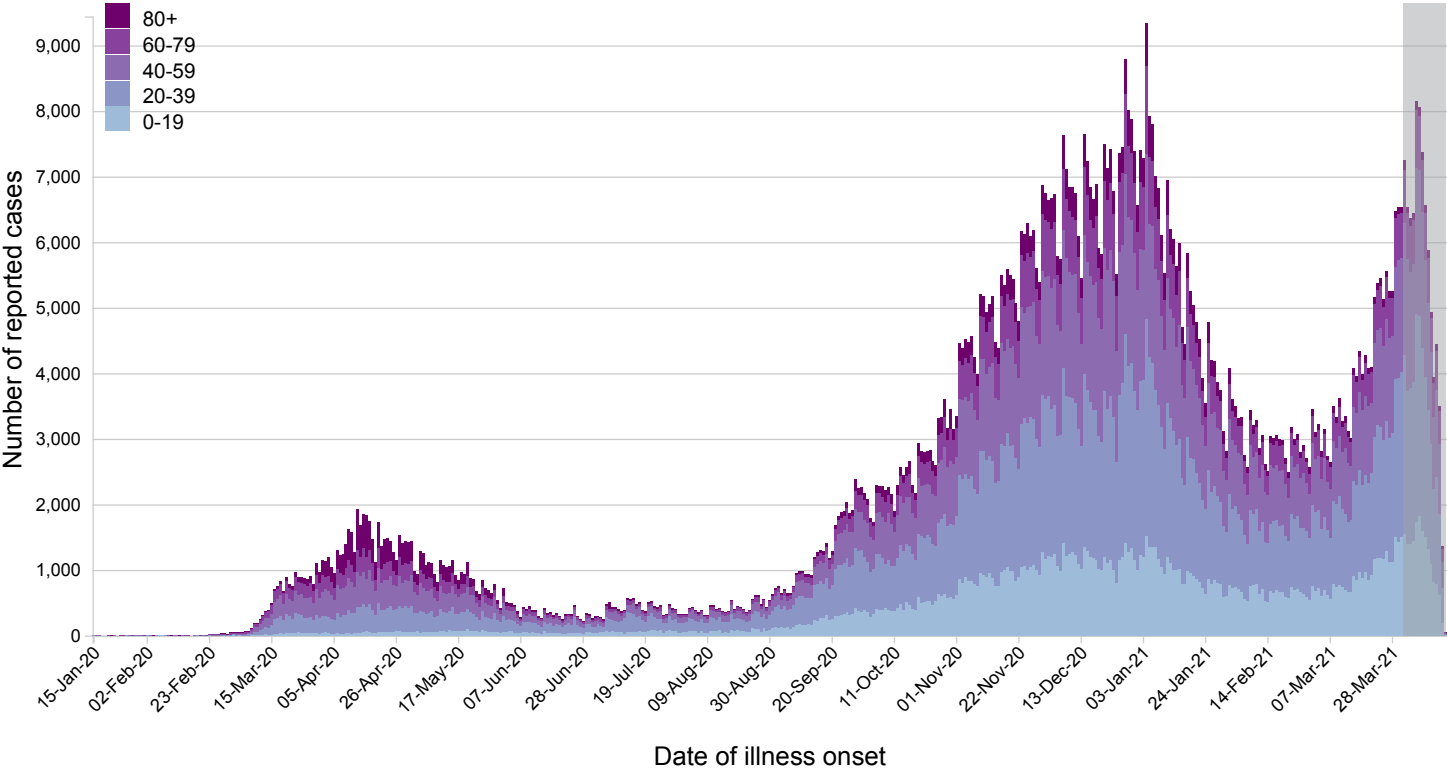


Figure 2. COVID-19 cases (n=1,077,735 ¹) in Canada by date of illness onset ² as of April 16, 2021, 7 pm EST (by age - 20 year groups)



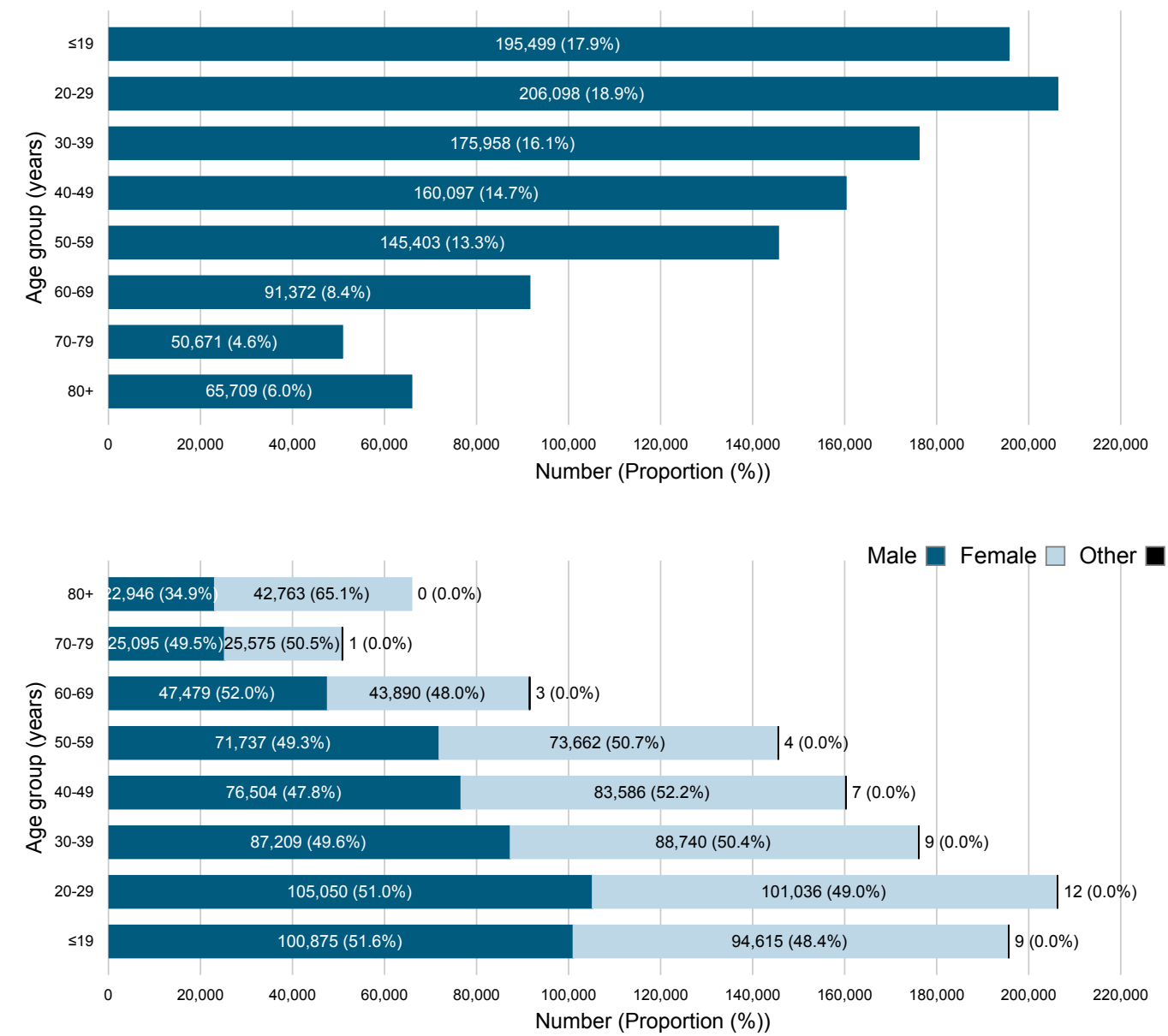
This figure may underestimate the total number of cases among returning travelers. Exposure history is not available for all cases and jurisdictions have not all consistently reported exposure history to PHAC throughout the pandemic.

Demographics

We have detailed case report data from 1,093,690 cases. We know the age of patients in 99.84% of cases, and both age and gender in 99.74% of cases.

Of the cases reported in Canada so far, about half (50.8%) were female. About one-fifth (19.0%) were 60 years old and over (Figure 3).


Figure 3. Age distribution of COVID-19 cases (n=1,091,940 ¹) in Canada as of April 16, 2021, 7 pm EST ⁴



Age by gender ⁴ distribution of COVID-19 cases (n=1,091,940 ¹) in Canada, April 16, 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	195,499 (17.9%)	100,875 (18.8%)	94,615 (17.1%)	9 (20.0%)
20-29	206,098 (18.9%)	105,050 (19.6%)	101,036 (18.2%)	12 (26.7%)
30-39	175,958 (16.1%)	87,209 (16.2%)	88,740 (16.0%)	9 (20.0%)
40-49	160,097 (14.7%)	76,504 (14.2%)	83,586 (15.1%)	7 (15.6%)
50-59	145,403 (13.3%)	71,737 (13.4%)	73,662 (13.3%)	4 (8.9%)
60-69	91,372 (8.4%)	47,479 (8.8%)	43,890 (7.9%)	3 (6.7%)
70-79	50,671 (4.6%)	25,095 (4.7%)	25,575 (4.6%)	1 (2.2%)
80+	65,709 (6.0%)	22,946 (4.3%)	42,763 (7.7%)	0 (0.0%)
Total	1,090,807 (100%)	536,895 (100%)	553,867 (100%)	45 (100%)

How people were exposed ³

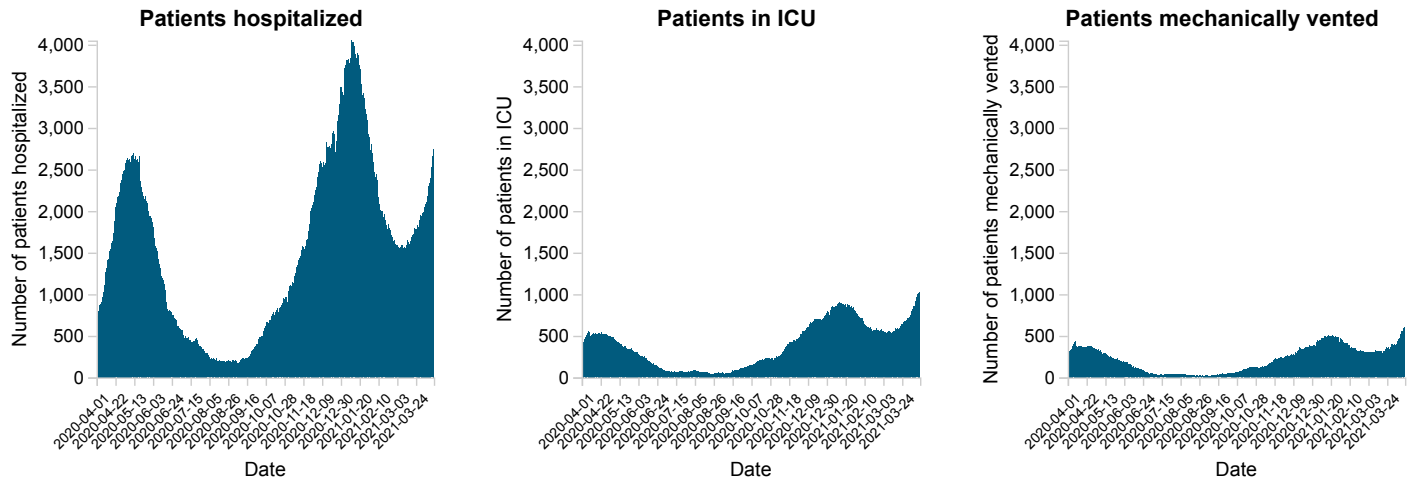
In Canada , detailed case report data were provided for 1,093,690 cases. We have exposure history for 979,763 (89.6%) cases. The probable exposure setting of these cases ¹ are:

- any exposure that occurred in Canada: **937,657 (95.7%)**, including
 - from contact with a known COVID case: **446,990 (45.6%)**
 - from contact with a traveller: **7,034 (0.7%)**
 - from an unknown source: **483,633 (49.4%)**
- currently unknown (information pending): **33,491 (3.4%)**
- travelled outside of Canada: **8,615 (0.9%)**

Severe illness and outcomes

Hospital use

Figure 4. Daily number of hospital beds and ICU beds occupied by COVID-19 patients as of April 12, 2021



Between April 5, 2021 and April 12, 2021:

- the number of **hospital beds** occupied by COVID-19 patients **increased** from **2,182** to **2,741** beds.
- the number of **ICU beds** occupied by COVID-19 patients **increased** from **859** to **1,028** beds.
- the number of **COVID-19 patients who were mechanically vented** increased from **463** to **599**.

Hospitalizations and deaths to date

We have detailed case report data on 1,093,690 cases, and hospitalization status for 758,048 (69.3%) of them:

- **56,706 cases (7.5%)** were hospitalized, of whom:
 - **10,166 (17.9%)** were admitted to the ICU
 - **1,729 (3.0%)** needed mechanical ventilation

The provinces and territories provided detailed case report forms for **23,476** deaths related to COVID-19.

Figure 5a. Age and gender ⁴ distribution of COVID-19 cases hospitalized in Canada as of April 16, 2021, 7 pm EST (n=56,594 ¹)

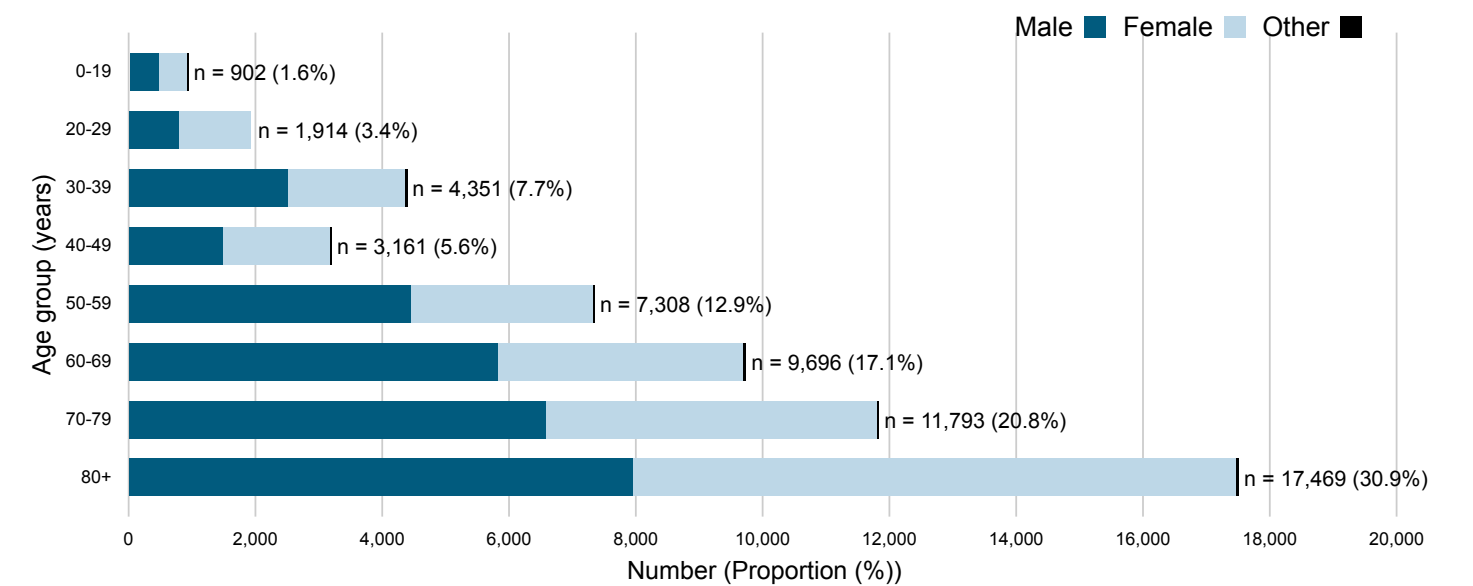


Figure 5b. Age and gender ⁴ distribution of COVID-19 cases admitted to ICU in Canada as of April 16, 2021, 7 pm EST (n=10,144 ¹)

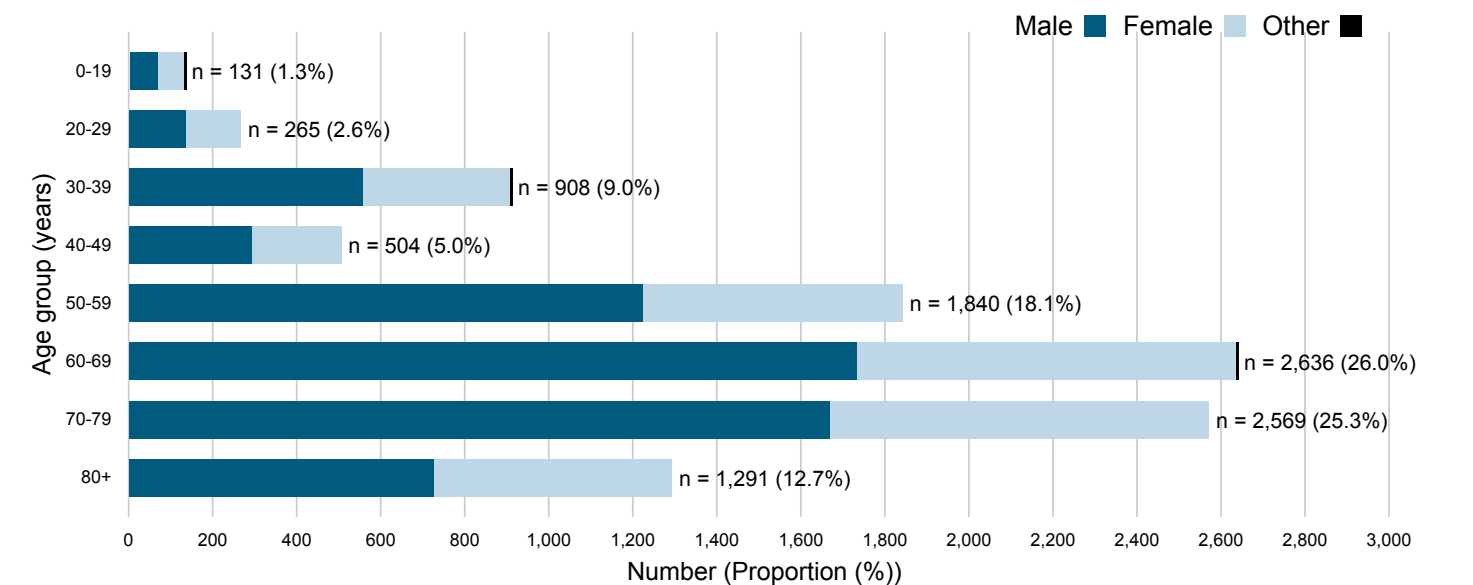
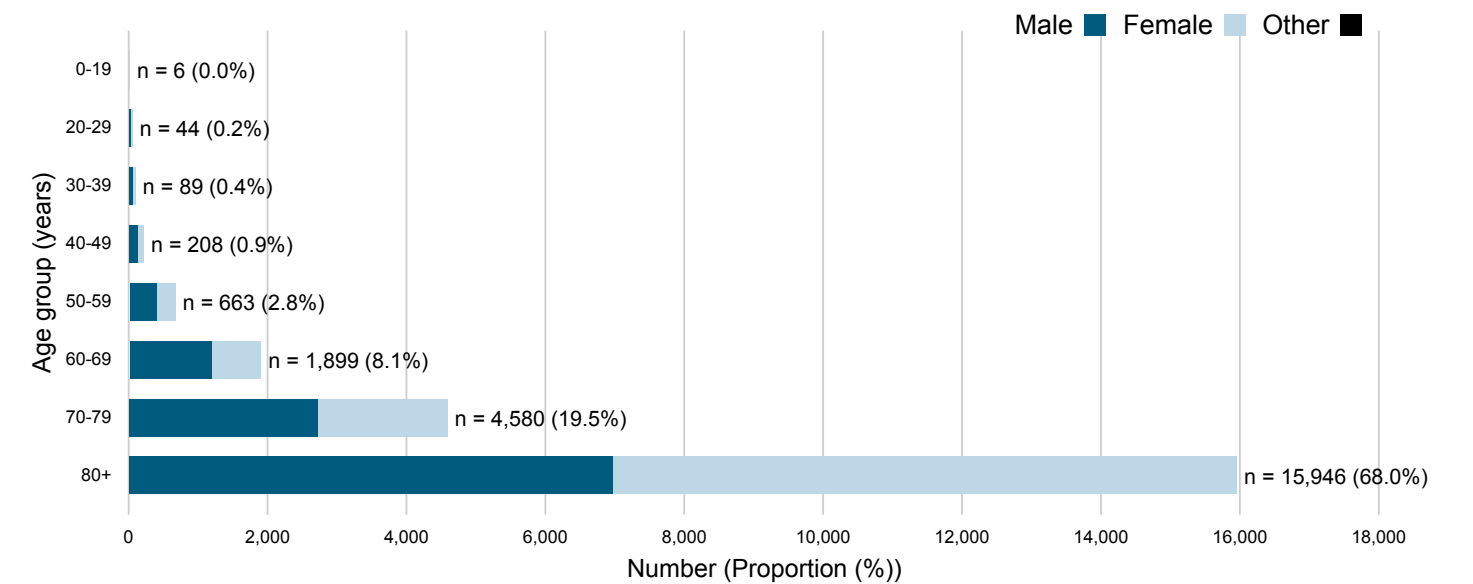


Figure 5c. Age and gender⁴ distribution of COVID-19 cases deceased in Canada as of April 16, 2021, 7 pm EST (n=23,435¹)



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 April 16, 2021, 7 pm EST (n=56,594 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	902 (1.6%)	472 (0.8%)	429 (0.8%)	1 (0.0%)
20-29	1,914 (3.4%)	793 (1.4%)	1,121 (2.0%)	0 (0.0%)
30-39	4,351 (7.7%)	2,501 (4.4%)	1,846 (3.3%)	4 (0.0%)
40-49	3,161 (5.6%)	1,473 (2.6%)	1,686 (3.0%)	2 (0.0%)
50-59	7,308 (12.9%)	4,443 (7.9%)	2,863 (5.1%)	2 (0.0%)
60-69	9,696 (17.1%)	5,816 (10.3%)	3,875 (6.8%)	5 (0.0%)
70-79	11,793 (20.8%)	6,576 (11.6%)	5,216 (9.2%)	1 (0.0%)
80+	17,469 (30.9%)	7,947 (14.0%)	9,516 (16.8%)	6 (0.0%)

Age and gender ⁴ distribution of COVID-19 cases admitted to ICU in Canada as of April 16, 2021, 7 pm EST (n=10,144 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	131 (1.3%)	69 (0.7%)	61 (0.6%)	1 (0.0%)
20-29	265 (2.6%)	136 (1.3%)	129 (1.3%)	0 (0.0%)
30-39	908 (9.0%)	557 (5.5%)	350 (3.5%)	1 (0.0%)
40-49	504 (5.0%)	291 (2.9%)	213 (2.1%)	0 (0.0%)
50-59	1,840 (18.1%)	1,223 (12.1%)	617 (6.1%)	0 (0.0%)
60-69	2,636 (26.0%)	1,732 (17.1%)	903 (8.9%)	1 (0.0%)
70-79	2,569 (25.3%)	1,669 (16.5%)	900 (8.9%)	0 (0.0%)
80+	1,291 (12.7%)	725 (7.1%)	566 (5.6%)	0 (0.0%)

Age and gender ⁴ distribution of COVID-19 cases deceased in Canada as of April 16, 2021, 7 pm EST (n=23,435 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	6 (0.0%)	4 (0.0%)	2 (0.0%)	0 (0.0%)
20-29	44 (0.2%)	25 (0.0%)	19 (0.0%)	0 (0.0%)
30-39	89 (0.4%)	56 (0.1%)	33 (0.0%)	0 (0.0%)
40-49	208 (0.9%)	127 (0.2%)	81 (0.1%)	0 (0.0%)
50-59	663 (2.8%)	402 (0.6%)	261 (0.4%)	0 (0.0%)
60-69	1,899 (8.1%)	1,194 (2.5%)	705 (1.6%)	0 (0.0%)
70-79	4,580 (19.5%)	2,722 (10.8%)	1,858 (7.3%)	0 (0.0%)
80+	15,946 (68.0%)	6,974 (30.4%)	8,972 (21.0%)	0 (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](#)

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- 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.
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Date modified:

2021-04-21

