



COVID-19 daily epidemiology update

Updated: May 19, 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 19, 2021, 7 pm EST

Cases today

4,248

Total cases

1,342,388

Active cases

61,608

Total resolved

1,255,714

Deaths today

48

Total deaths

25,066

Tests performed today

85,837

Total tests performed

33,754,111

Percent positive (total)

4.1%

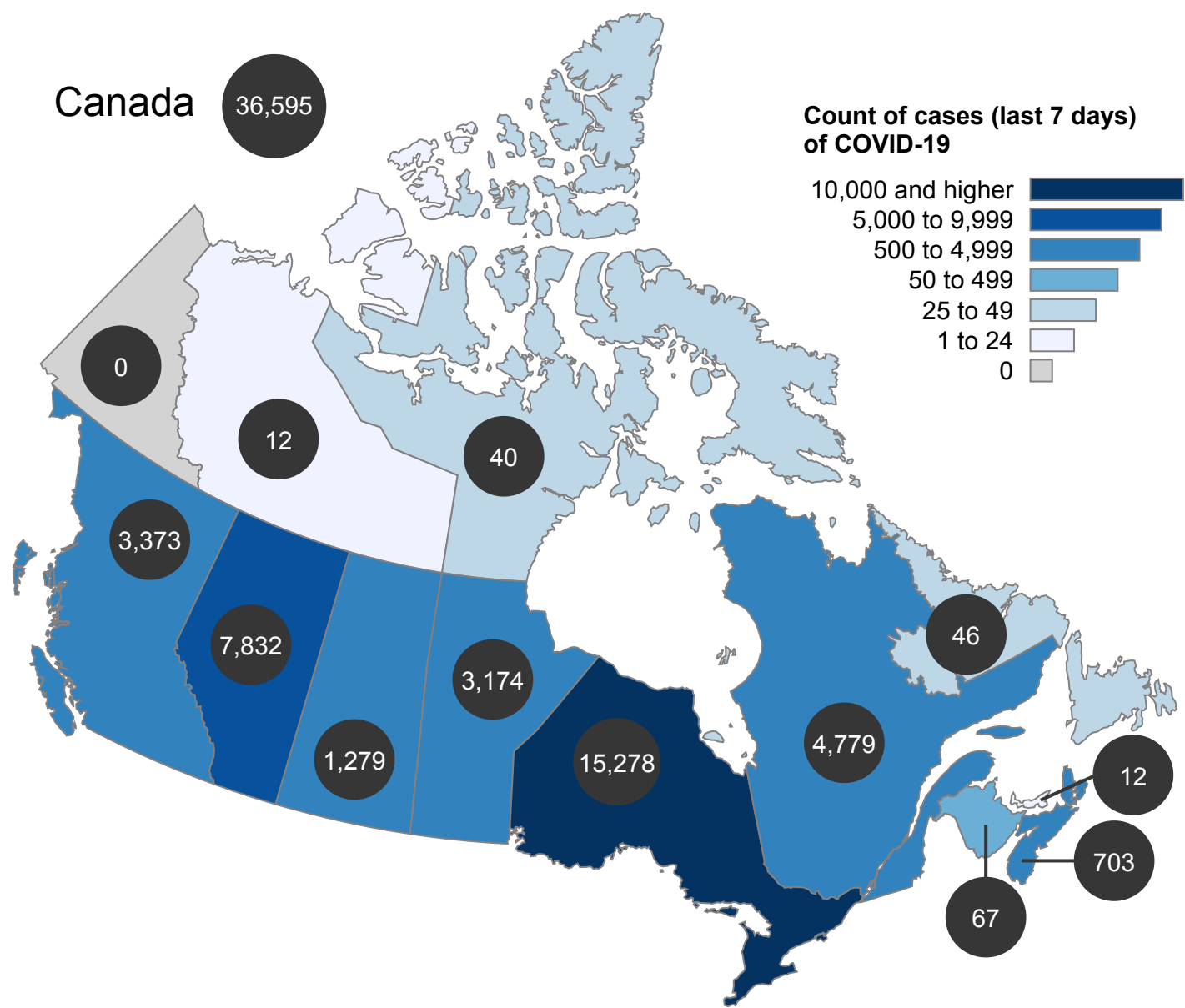
Tests performed per million
population

888,144

- 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 (65.5%) and deaths (78.1%) were reported by Ontario and Quebec.
- Of the 13 jurisdictions reporting updates, no new cases were reported in 1 provinces or territories in the past 24 hours.
- Of the 13 jurisdictions reporting updates, no new deaths were reported in 6 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 19, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **36,595** as of May 19, 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 19, 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 19, 2021

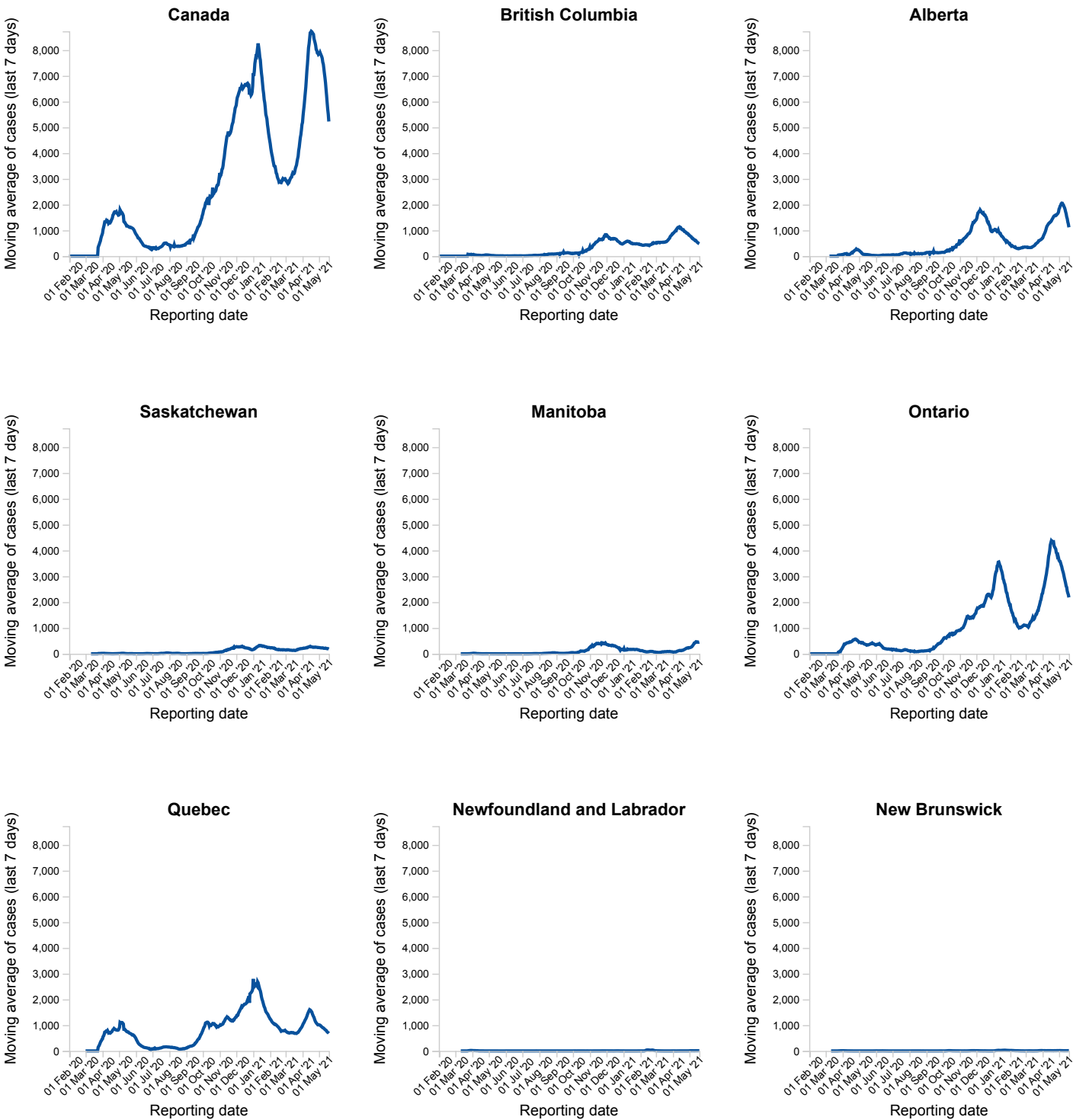
Location	Total cases		Cases last 7 days		Active cases		Resolved	Deaths		Deaths last 7 days		Total tests performed	
	Count	Rate*	Count	Rate*	Count	Rate*	Count	Count	Rate*	Count	Rate*	Count	Rate†
Canada	1,342,388	3,532	36,595	96	61,608	162	1,255,714	25,066	66	301	1	33,754,111	888,144
British Columbia	140,596	2,731	3,373	66	4,953	96	133,985	1,658	32	33	1	2,644,363	513,697
Alberta	221,467	5,008	7,832	177	18,813	425	200,496	2,158	49	35	1	4,419,872	999,547
Saskatchewan	44,982	3,816	1,279	109	1,786	152	42,674	522	44	14	1	825,704	700,532
Manitoba	46,314	3,358	3,174	230	4,550	330	40,748	1,016	74	17	1	754,351	546,923
Ontario	514,690	3,493	15,278	104	23,416	159	482,749	8,525	58	151	1	14,666,825	995,440
Quebec	364,980	4,257	4,779	56	6,535	76	347,387	11,058	129	46	1	8,916,666	1,039,896
Newfoundland and Labrador	1,212	232	46	9	82	16	1,124	6	1	0	0	257,774	493,723
New Brunswick	2,091	268	67	9	117	15	1,931	43	6	2	0	326,617	417,949
Nova Scotia	5,000	511	703	72	1,262	129	3,664	74	8	3	0	739,773	755,371
Prince Edward Island	199	125	12	8	14	9	185	0	0	0	0	155,951	976,984
Yukon	84	200	0	0	0	0	82	2	5	0	0	9,129	217,088
Northwest Territories	126	279	12	27	17	38	109	0	0	0	0	22,572	499,812
Nunavut	634	1,611	40	102	63	160	567	4	10	0	0	14,438	366,884

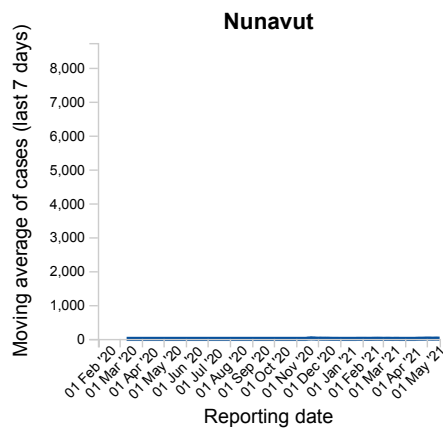
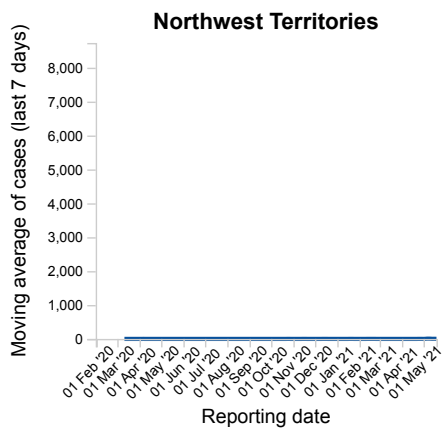
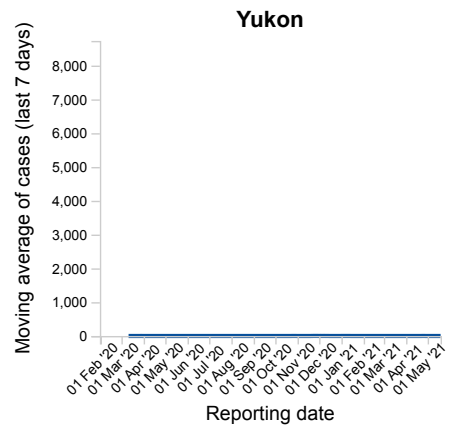
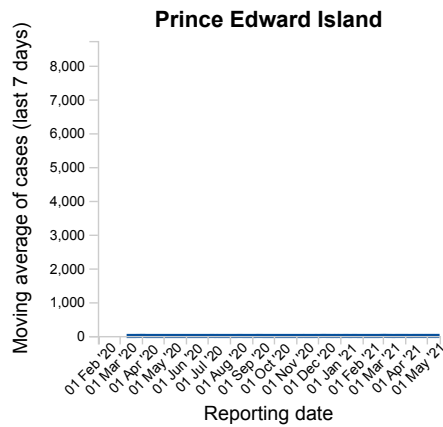
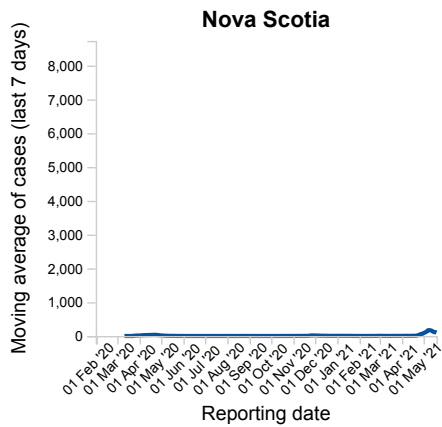
† Rate per 1,000,000 population

* Rate per 100,000 population

Figure 1b. **Moving average** of **cases (last 7 days)** of COVID-19 in Canada as of May 19, 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 **33,754,111** COVID-19 tests performed in Canada or **888,144 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 19, 2021, 7 pm EST

Location	New cases	New deaths	Tests performed
Canada	4,248	48	85,837
British Columbia	521	8	7,279
Alberta	908	6	8,081
Saskatchewan	141	0	2,866
Manitoba	402	4	3,051
Ontario	1,588	19	22,915
Quebec	584	8	32,084
Newfoundland and Labrador	3	0	745
New Brunswick	8	1	1,360
Nova Scotia	83	2	6,390
Prince Edward Island	5	0	878
Yukon	0	0	N/A
Northwest Territories	1	0	82
Nunavut	4	0	106

* 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 19, 2021 7:00 PM EST

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	172,893	1,324	9,274
British Columbia	6,348	109	4,427
Alberta	39,601	142	2,357
Saskatchewan	4,477	10	92
Manitoba	3,537	29	65
Ontario	112,759	683	2,059
Quebec	5,663	329	270
Newfoundland and Labrador	187	6	1
New Brunswick	180	4	1
Nova Scotia	73	12	1
Prince Edward Island	19	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 14, 2021, 9 am EST

Epidemic curve

As of May 14, 2021, 9 am EST, PHAC has received detailed case report data on 1,304,386 cases. Both exposure and symptom onset date were available for 1,156,000 (88.6%) 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=1,304,386 ¹) in Canada by date of illness onset ² as of May 14, 2021, 7 pm EST (total cases)

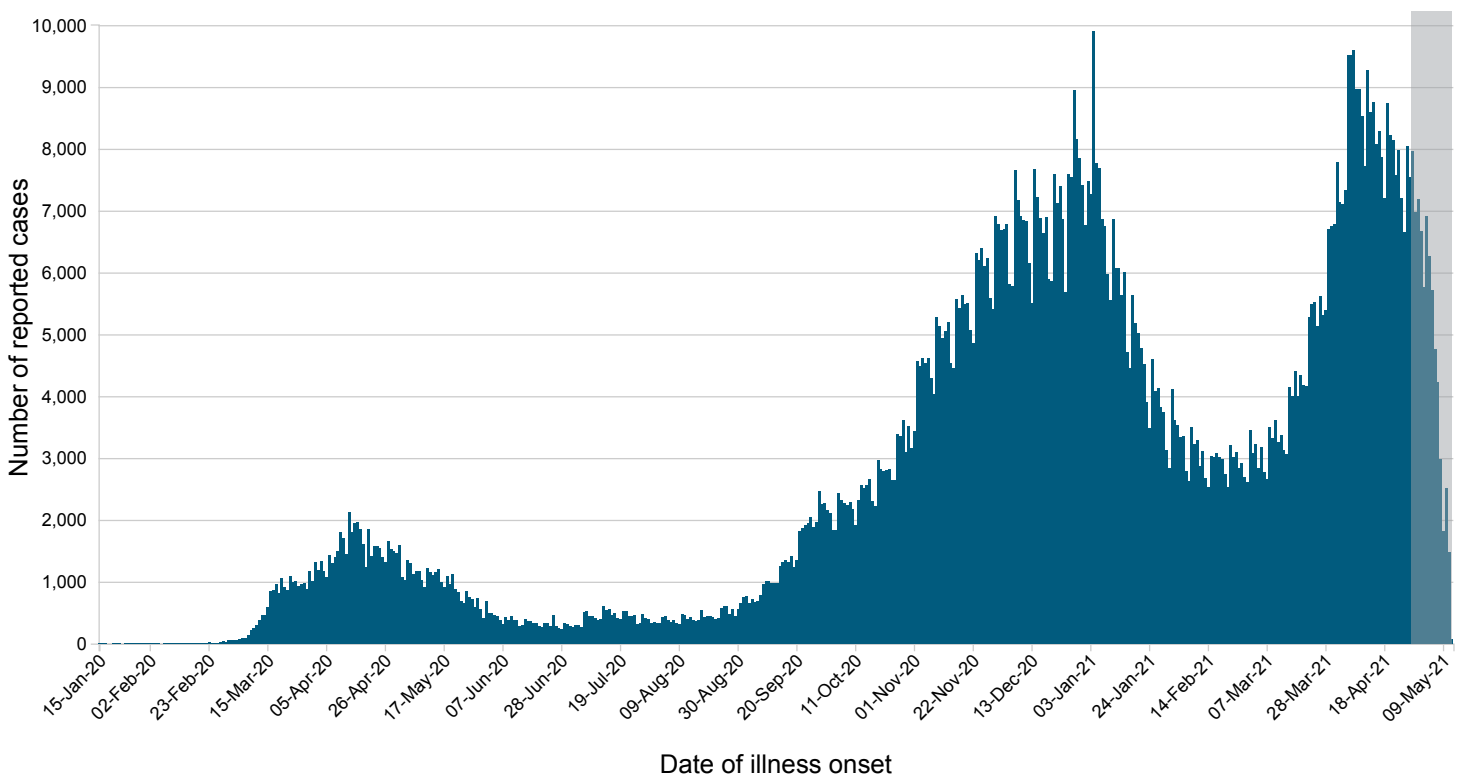


Figure 2. COVID-19 cases (n=1,156,000 ¹) in Canada by date of illness onset ² as of May 14, 2021, 7 pm EST (by exposure)

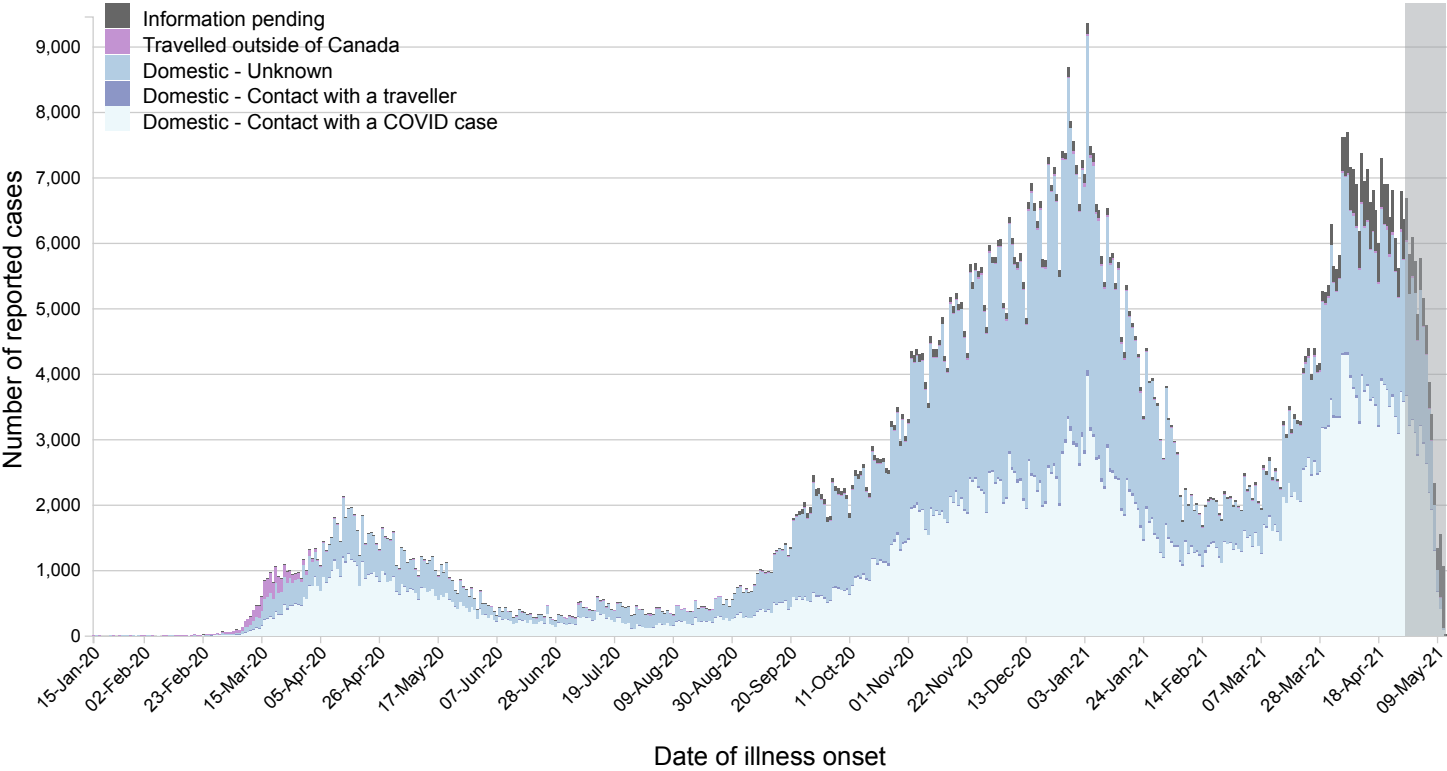


Figure 2. COVID-19 cases (n=1,303,991 ¹) in Canada by date of illness onset ² as of May 14, 2021, 7 pm EST (by age - 10 year groups)

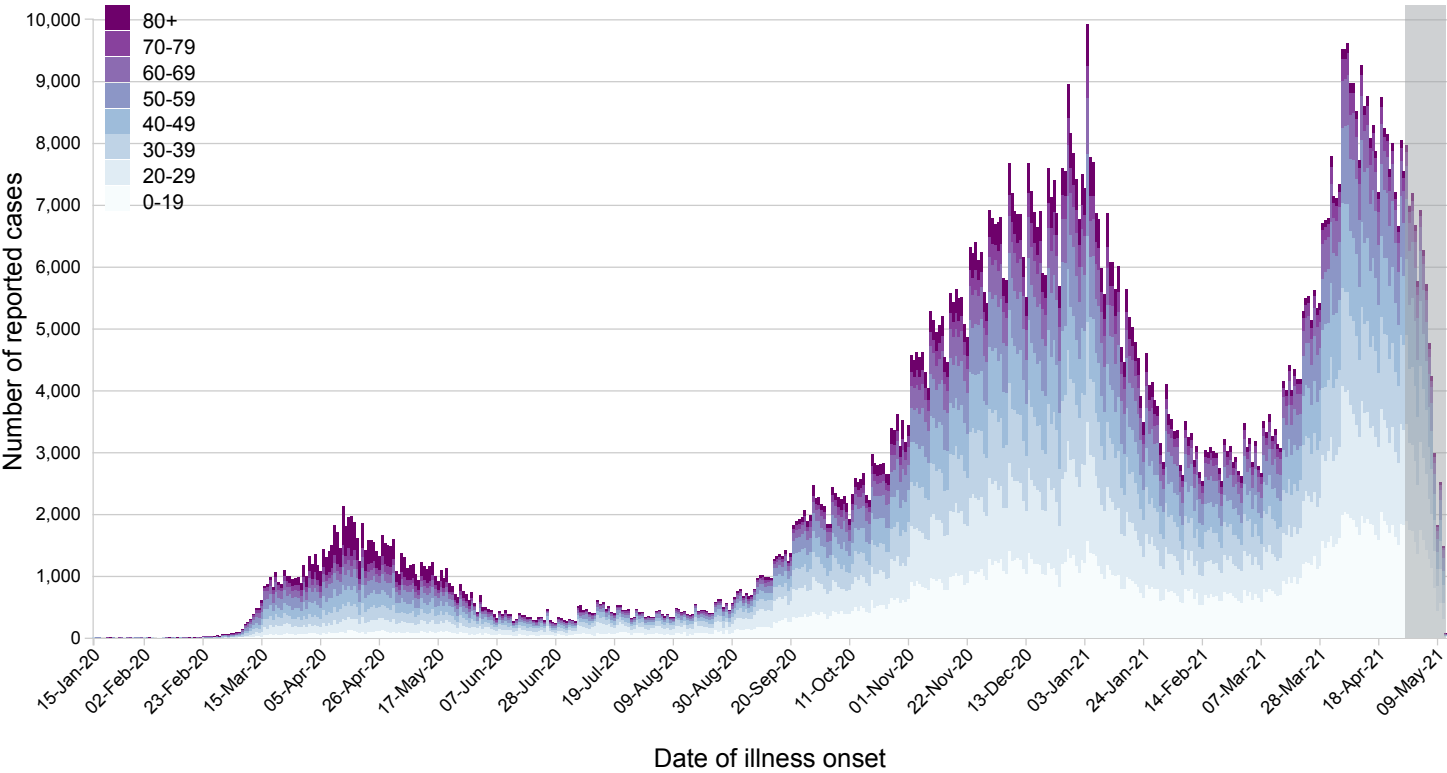
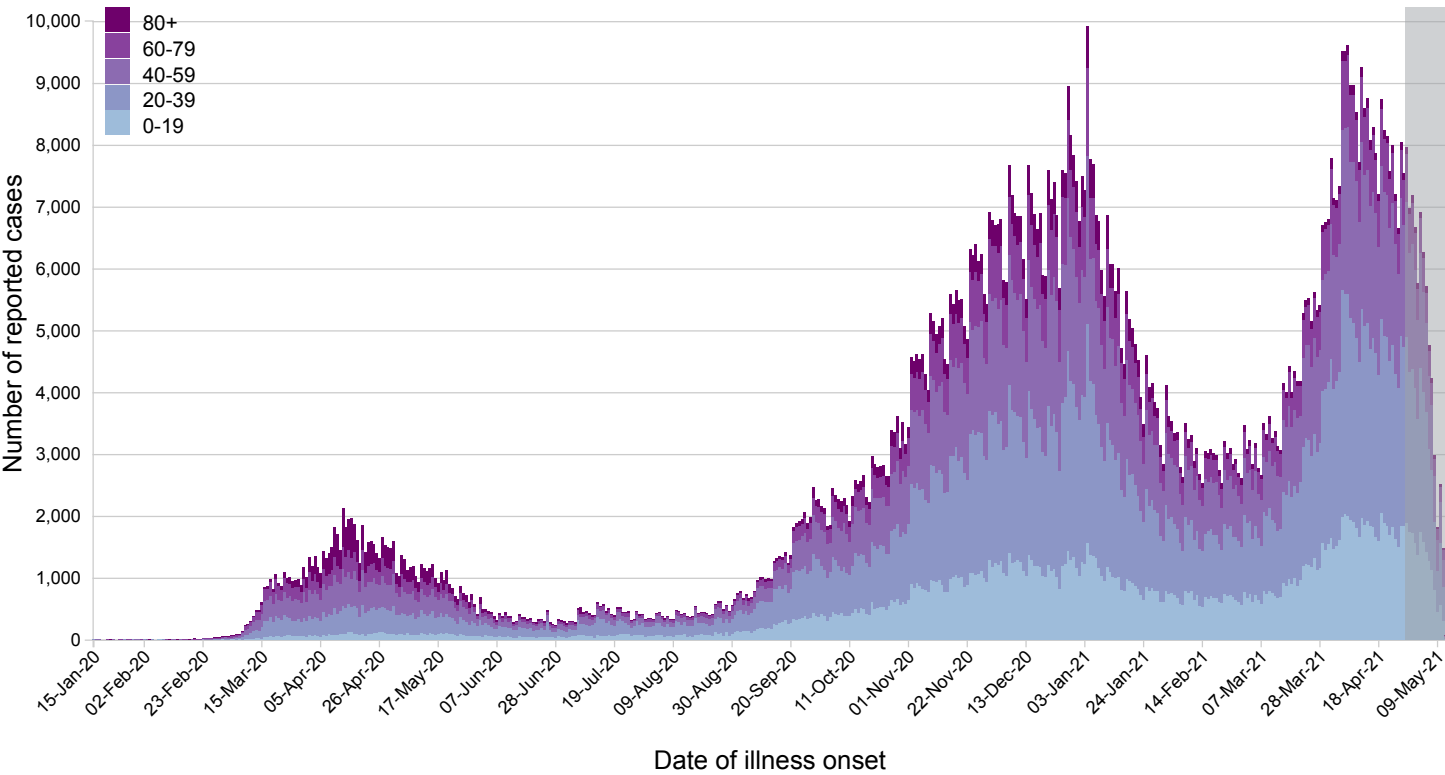


Figure 2. COVID-19 cases (n=1,303,991 ¹) in Canada by date of illness onset ² as of May 14, 2021, 7 pm EST (by age - 20 year groups)



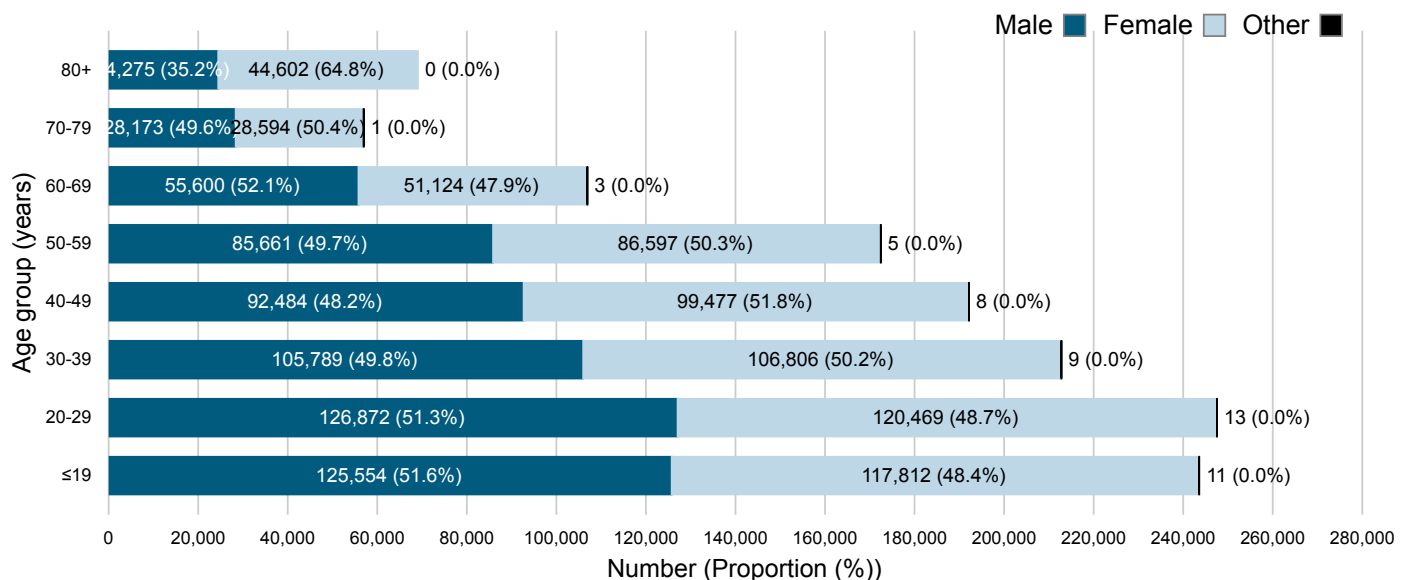
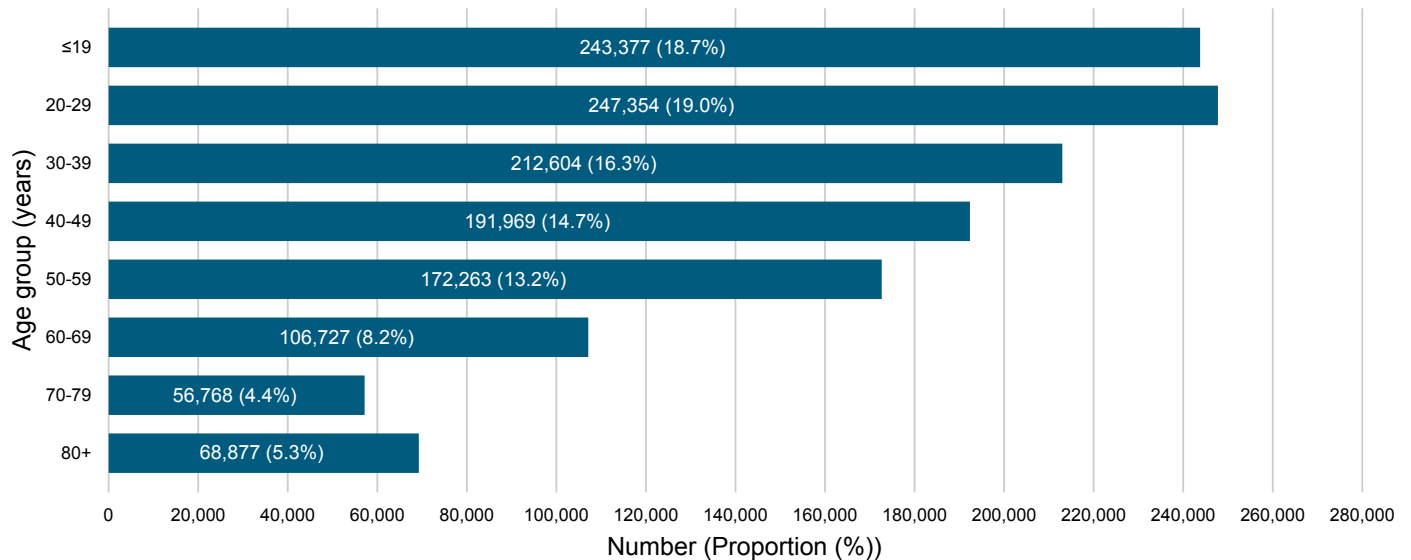
This figure may underestimate the total number of cases among returning travelers. Exposure history is not available for all cases and jurisdictions have not all consistently reported exposure history to PHAC throughout the pandemic.

Demographics

We have detailed case report data from 1,304,386 cases. We know the age of patients in 100.00% of cases, and both age and gender in 99.66% of cases.

Of the cases reported in Canada so far, about half (50.4%) were female. About one-fifth (17.9%) were 60 years old and over (Figure 3).

Figure 3. Age ▼ distribution of COVID-19 cases (n=1,304,386 ¹) in Canada as of May 14, 2021, 7 pm EST ⁴



Age by gender ⁴ distribution of COVID-19 cases (n=1,304,386 ¹) in Canada, May 14, 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	243,377 (18.7%)	125,554 (19.5%)	117,812 (18.0%)	11 (22.0%)
20-29	247,354 (19.0%)	126,872 (19.7%)	120,469 (18.4%)	13 (26.0%)
30-39	212,604 (16.3%)	105,789 (16.4%)	106,806 (16.3%)	9 (18.0%)
40-49	191,969 (14.7%)	92,484 (14.4%)	99,477 (15.2%)	8 (16.0%)
50-59	172,263 (13.2%)	85,661 (13.3%)	86,597 (13.2%)	5 (10.0%)
60-69	106,727 (8.2%)	55,600 (8.6%)	51,124 (7.8%)	3 (6.0%)
70-79	56,768 (4.4%)	28,173 (4.4%)	28,594 (4.4%)	1 (2.0%)
80+	68,877 (5.3%)	24,275 (3.8%)	44,602 (6.8%)	0 (0.0%)
Total	1,299,939 (100%)	644,408 (100%)	655,481 (100%)	50 (100%)

How people were exposed ³

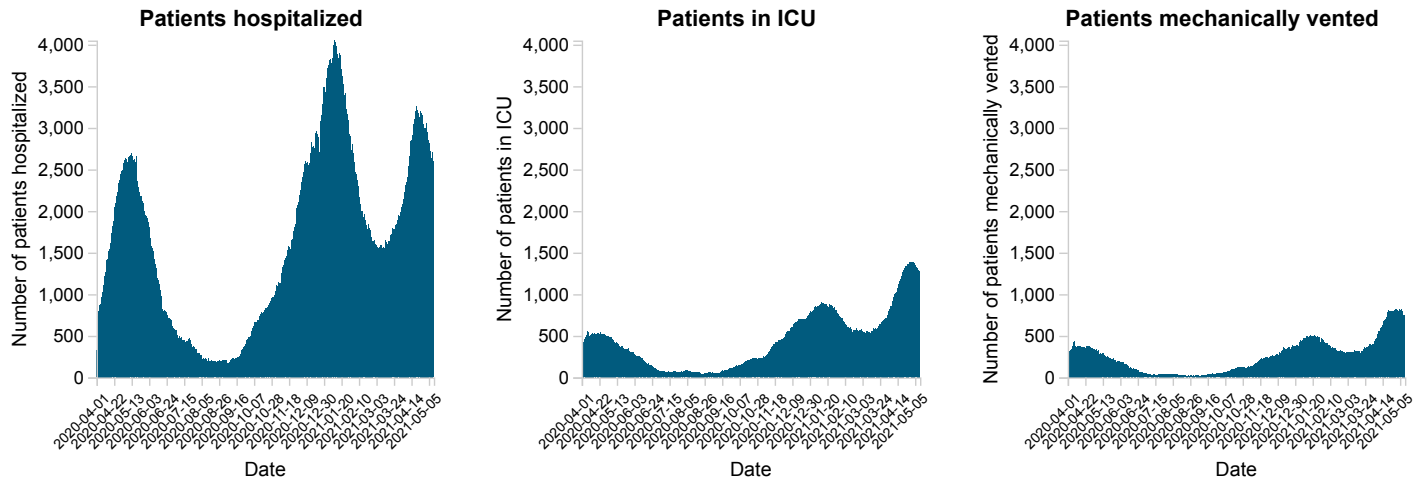
In Canada ▼, detailed case report data were provided for 1,304,386 cases. We have exposure history for 1,156,000 (88.6%) cases. The probable exposure setting of these cases ¹ are:

- any exposure that occurred in Canada: **1,109,810 (96.0%)**, including
 - from contact with a known COVID case: **553,431 (47.9%)**
 - from contact with a traveller: **8,073 (0.7%)**
 - from an unknown source: **548,306 (47.4%)**
- currently unknown (information pending): **36,849 (3.2%)**
- travelled outside of Canada: **9,341 (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 10, 2021



Between May 3, 2021 and May 10, 2021:

- the number of **hospital beds** occupied by COVID-19 patients **decreased** from **2,946** to **2,594** beds.
- the number of **ICU beds** occupied by COVID-19 patients **decreased** from **1,384** to **1,281** beds.
- the number of **COVID-19 patients who were mechanically vented** decreased from **799** to **753**.

Hospitalizations and deaths to date

We have detailed case report data on 1,304,386 cases, and hospitalization status for 907,489 (69.6%) of them:

- **67,195 cases (7.4%)** were hospitalized, of whom:
 - **12,253 (18.2%)** were admitted to the ICU
 - **1,913 (2.8%)** needed mechanical ventilation

The provinces and territories provided detailed case report forms for **24,771** deaths related to COVID-19.

Figure 5a. Age and gender ⁴ distribution of COVID-19 cases hospitalized in Canada as of May 14, 2021, 7 pm EST (n=67,064 ¹)

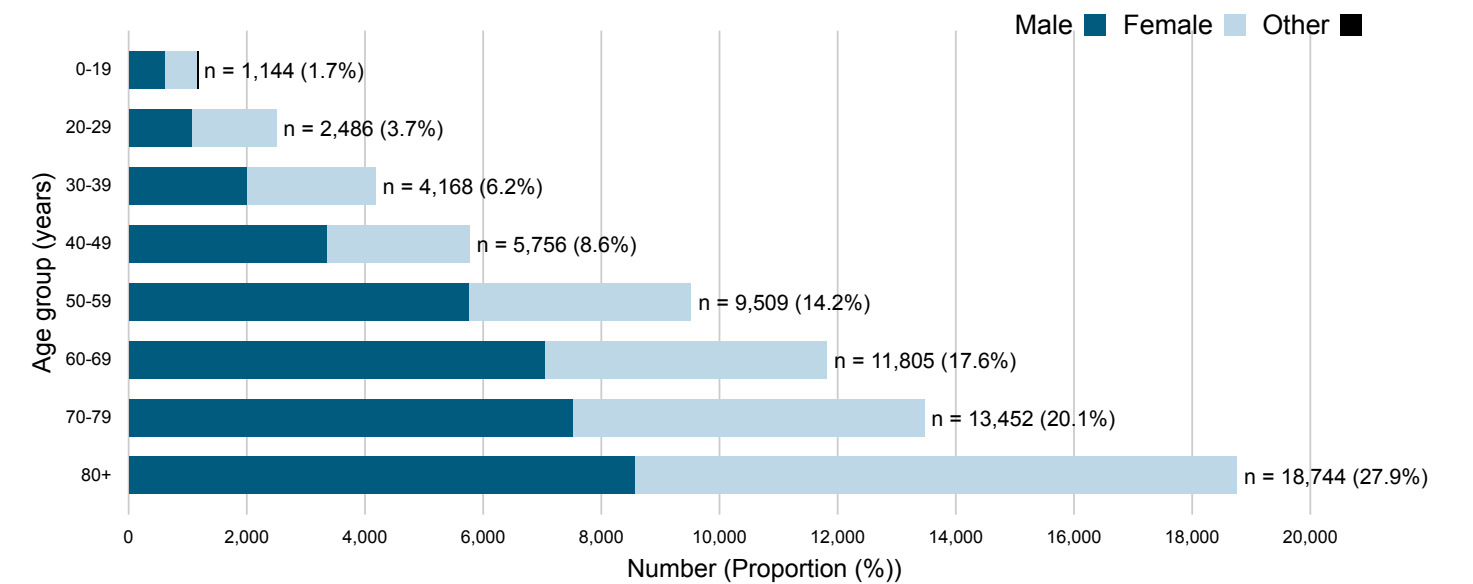


Figure 5b. Age and gender ⁴ distribution of COVID-19 cases admitted to ICU in Canada as of May 14, 2021, 7 pm EST (n=12,227 ¹)

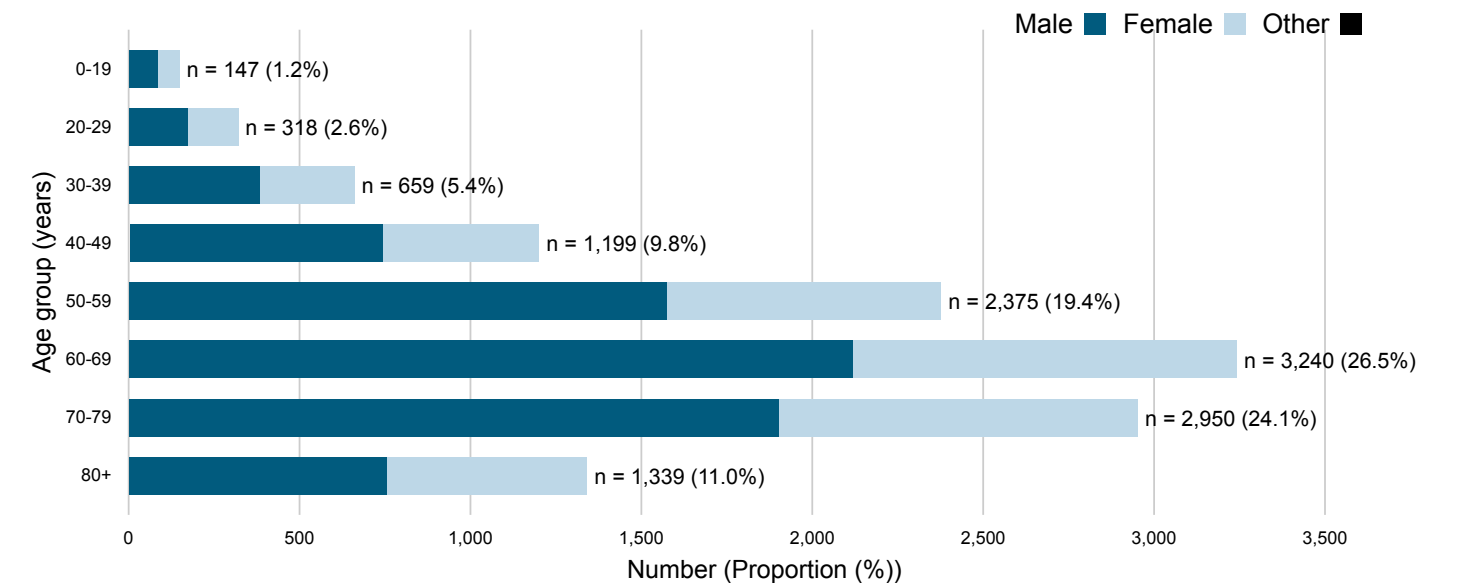
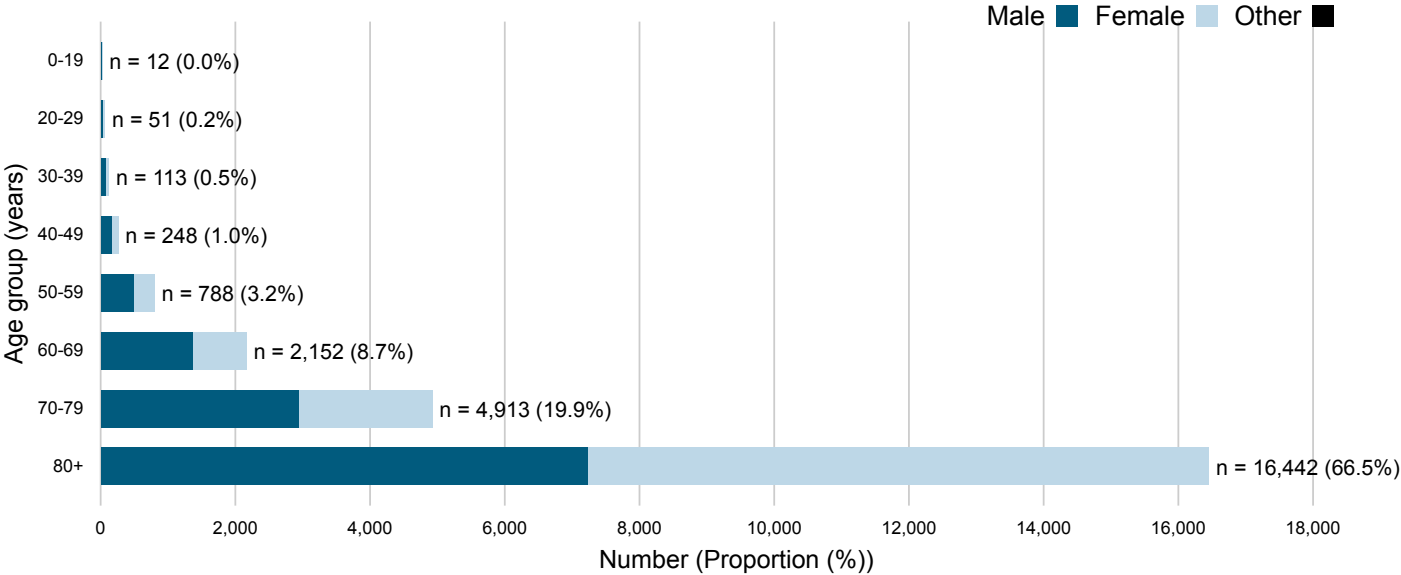


Figure 5c. Age and gender⁴ distribution of COVID-19 cases deceased in Canada as of May 14, 2021, 7 pm EST (n=24,719¹)



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 14, 2021, 7 pm EST (n=67,064 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	1,144 (1.7%)	604 (0.9%)	539 (0.8%)	1 (0.0%)
20-29	2,486 (3.7%)	1,058 (1.6%)	1,428 (2.1%)	0 (0.0%)
30-39	4,168 (6.2%)	1,985 (3.0%)	2,183 (3.3%)	0 (0.0%)
40-49	5,756 (8.6%)	3,345 (5.0%)	2,411 (3.6%)	0 (0.0%)
50-59	9,509 (14.2%)	5,755 (8.6%)	3,754 (5.6%)	0 (0.0%)
60-69	11,805 (17.6%)	7,047 (10.5%)	4,758 (7.1%)	0 (0.0%)
70-79	13,452 (20.1%)	7,507 (11.2%)	5,945 (8.9%)	0 (0.0%)
80+	18,744 (27.9%)	8,565 (12.8%)	10,179 (15.2%)	0 (0.0%)

Age and gender ⁴ distribution of COVID-19 cases admitted to ICU in Canada as of May 14, 2021, 7 pm EST (n=12,227 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	147 (1.2%)	84 (0.7%)	63 (0.5%)	0 (0.0%)
20-29	318 (2.6%)	171 (1.4%)	147 (1.2%)	0 (0.0%)
30-39	659 (5.4%)	382 (3.1%)	277 (2.3%)	0 (0.0%)
40-49	1,199 (9.8%)	743 (6.1%)	456 (3.7%)	0 (0.0%)
50-59	2,375 (19.4%)	1,574 (12.9%)	801 (6.6%)	0 (0.0%)
60-69	3,240 (26.5%)	2,117 (17.3%)	1,123 (9.2%)	0 (0.0%)
70-79	2,950 (24.1%)	1,900 (15.5%)	1,050 (8.6%)	0 (0.0%)
80+	1,339 (11.0%)	755 (6.2%)	584 (4.8%)	0 (0.0%)

Age and gender ⁴ distribution of COVID-19 cases deceased in Canada as of May 14, 2021, 7 pm EST (n=24,719 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	12 (0.0%)	6 (0.0%)	6 (0.0%)	0 (0.0%)
20-29	51 (0.2%)	28 (0.1%)	23 (0.1%)	0 (0.0%)
30-39	113 (0.5%)	72 (0.3%)	41 (0.2%)	0 (0.0%)
40-49	248 (1.0%)	157 (0.6%)	91 (0.4%)	0 (0.0%)
50-59	788 (3.2%)	490 (2.0%)	298 (1.2%)	0 (0.0%)
60-69	2,152 (8.7%)	1,364 (5.5%)	788 (3.2%)	0 (0.0%)
70-79	4,913 (19.9%)	2,926 (11.8%)	1,987 (8.0%)	0 (0.0%)
80+	16,442 (66.5%)	7,225 (29.2%)	9,217 (37.3%)	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:

2021-05-19

