



Coronavirus disease 2019 (COVID-19): Epidemiology update

Updated: March 17, 2021, 7 pm EDT

Key updates as of March 17, 2021, 7 pm EDT

Cases today

Total cases

3,374 **919,239**

Active cases

Total recovered

31,600 **865,085**

Deaths today

Total deaths

36 **22,554**

Tests performed today

Total tests performed

Percent positive (total)

Tests performed per million

72,631

26,141,290

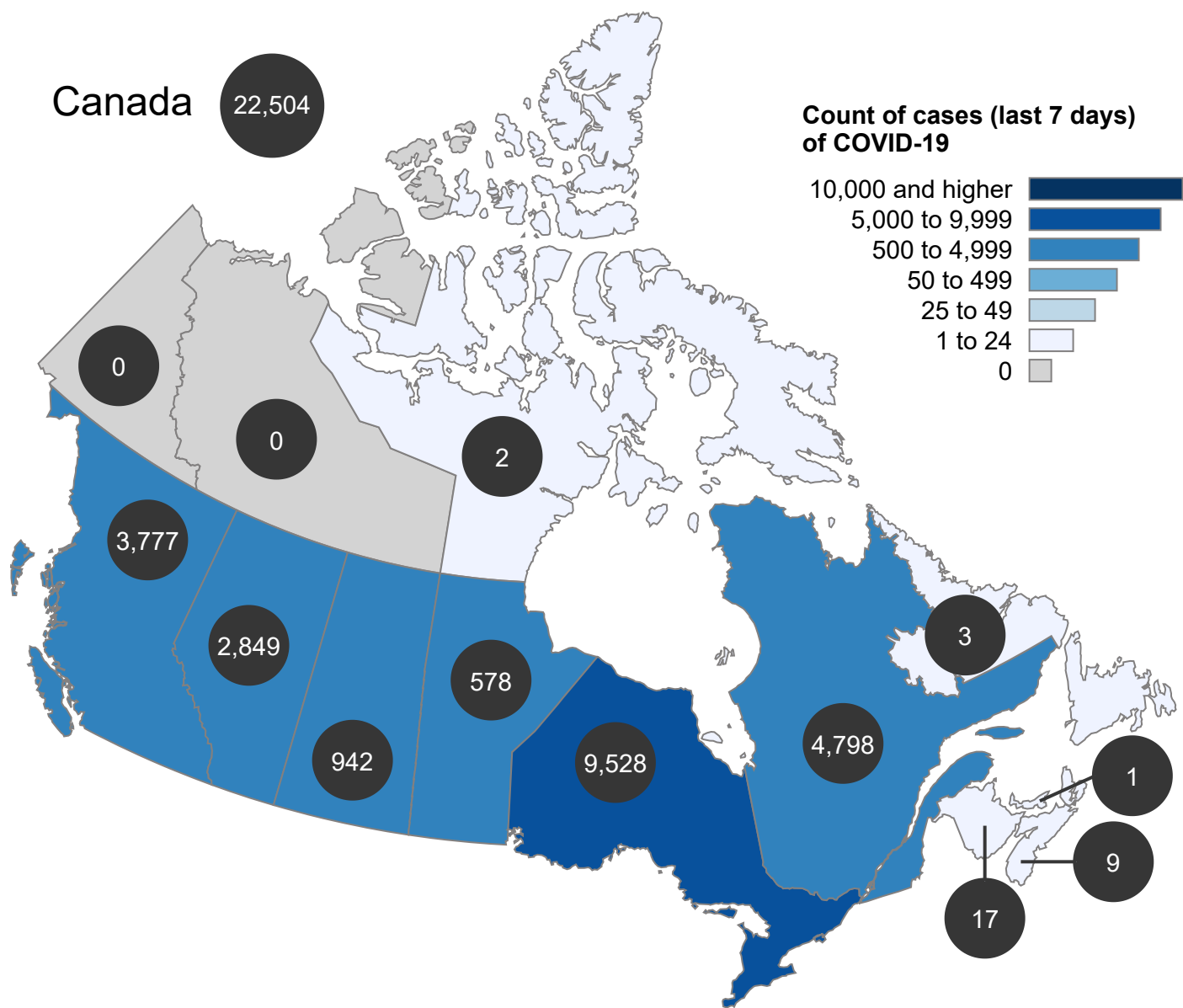
3.7%

687,834

- The following sections of this page are updated once per day in the evening at 7:00 PM EST: Key updates, Current situation and National overview.
- The following sections of this page will be updated weekly on Fridays: Epidemic curve, Demographics, Exposure setting and Hospitalizations, intensive care unit (ICU), mechanical ventilation and deaths.
- The majority of cases (67.7%) and deaths (78.7%) have been reported by Ontario and Quebec.
- Of the jurisdictions reporting updates (n=13) no new cases have been reported in 5 province or territories within the past 24 hours.
- Of the jurisdictions reporting updates (n=13), no new deaths have been reported in 8 provinces or territories within the past 24 hours.

Current situation

Figure 1a. **Count** of **cases (last 7 days)** of COVID-19, by **province/territory** as of March 17, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **22,504** as of March 17, 2021.

This information is based on data from our provincial and territorial partners. It is current as of March 17, 2021, 7 pm EDT. For the most up to date data for any province, territory or city, please visit their web site.

Starting February 1, 2021, laboratory test indicators are based on the number of laboratory tests performed and the percentage of tests positive. These data replace previous metrics based on unique individuals tested and provide a more accurate measure of test positivity and promote greater standardization in reporting

across Canada. The proportion of tests positive is expected to decrease compared with previous person-based methods, as all tests will be included in the calculation, including new tests on the same person over time.

Areas in Canada with cases of COVID-19 as of March 17, 2021

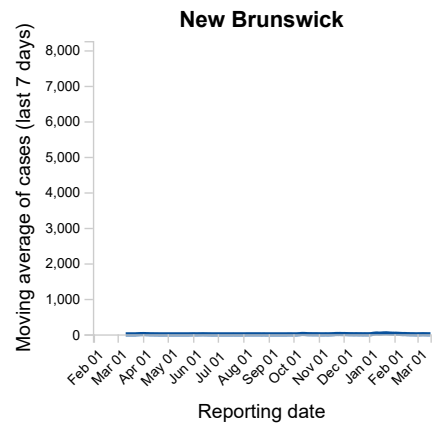
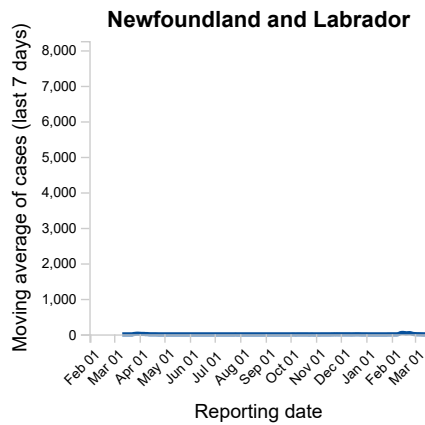
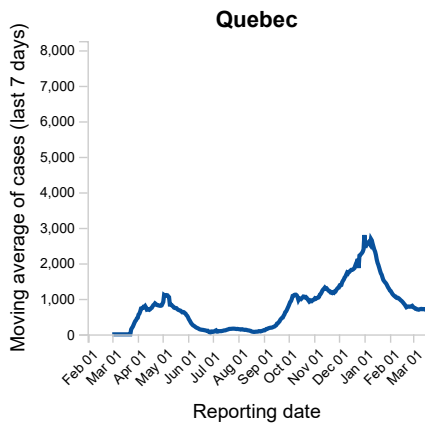
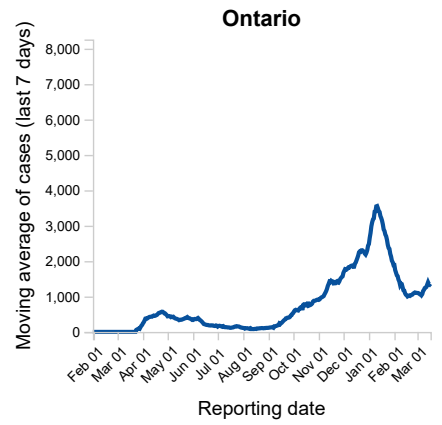
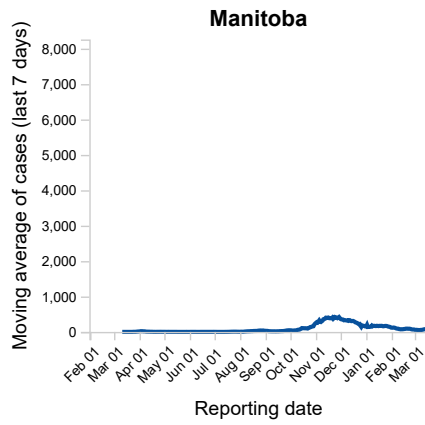
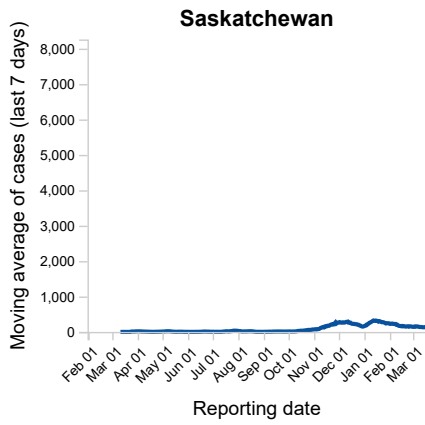
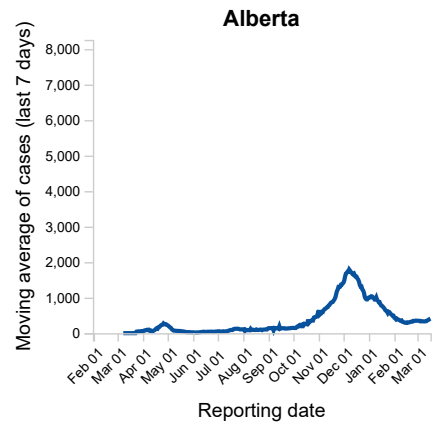
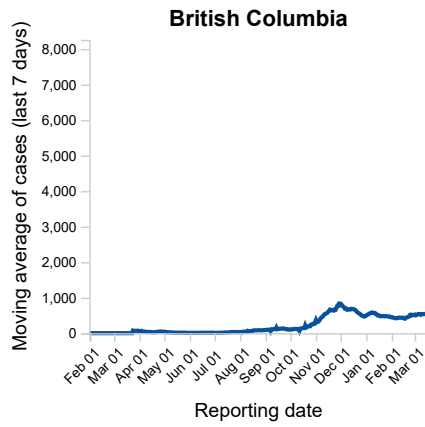
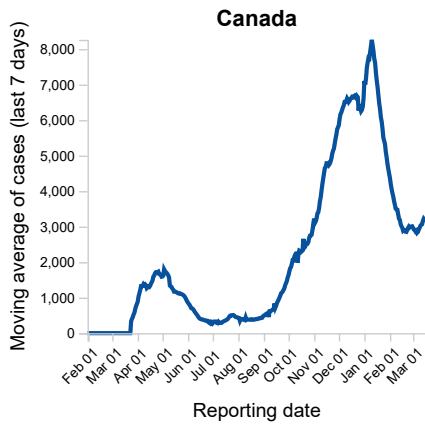
Location	Total cases		Cases last 7 days		Active cases		Recovered	Deaths		Deaths last 7 days		Total tests performed	
	Count	Rate*	Count	Rate*	Count	Rate*	Count	Count	Rate*	Count	Rate*	Count	Rate†
Canada	919,239	2,419	22,504	59	31,600	83	865,085	22,554	59	219	1	26,141,290	687,834
British Columbia	89,427	1,737	3,777	73	4,933	96	83,083	1,411	27	17	0	2,061,086	400,389
Alberta	139,622	3,158	2,849	64	4,918	111	132,748	1,956	44	28	1	3,532,816	798,941
Saskatchewan	30,970	2,628	942	80	1,264	107	29,296	410	35	9	1	614,152	521,050
Manitoba	32,996	2,392	578	42	1,035	75	31,044	917	66	9	1	560,485	406,366
Ontario	321,956	2,185	9,528	65	12,512	85	302,257	7,187	49	88	1	11,671,156	792,123
Quebec	299,450	3,492	4,798	56	6,833	80	282,047	10,570	123	67	1	6,696,559	780,979
Newfoundland and Labrador	1,013	194	3	1	40	8	967	6	1	0	0	212,699	407,389
New Brunswick	1,477	189	17	2	43	6	1,404	30	4	1	0	250,489	320,533
Nova Scotia	1,674	171	9	1	15	2	1,594	65	7	0	0	391,434	399,687
Prince Edward Island	144	90	1	1	4	3	140	0	0	0	0	117,465	735,881
Yukon	72	171	0	0	0	0	71	1	2	0	0	8,357	198,730
Northwest Territories	42	93	0	0	1	2	41	0	0	0	0	15,381	340,581
Nunavut	383	973	2	5	2	5	380	1	3	0	0	9,135	232,130

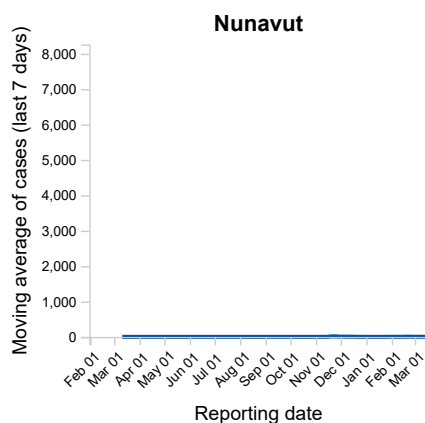
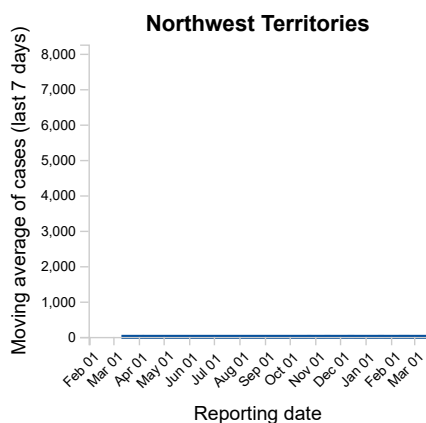
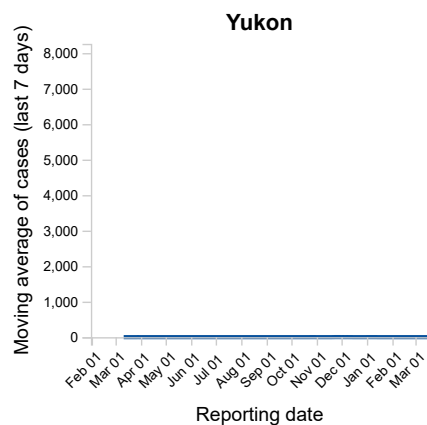
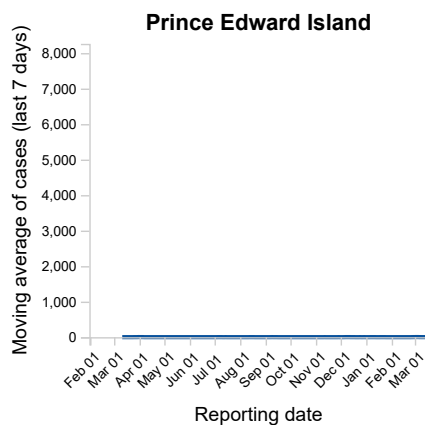
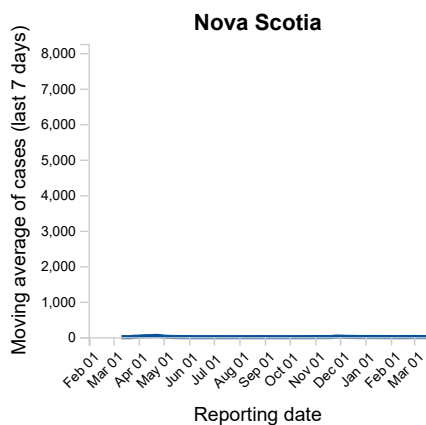
† Rate per 1,000,000 population

* Rate per 100,000 population

Figure 1b. of of COVID-19 in Canada as of March 17, 2021, 7 pm EDT

i The figures displayed below demonstrate the progression of cases over time. The range of dates (January 31st, 2020 - present date) is identical for each figure to compare the provinces and territories on the same timescale. The timescale for each figure is created using the total number of cases in Canada.





[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 **26,141,290** tests performed for COVID-19 in Canada. This corresponds to a test rate of **687,834 per 1 million people**. Of all tests performed, **3.7%** have been found to be positive. For more detailed information about trends in laboratory testing for COVID-19 in Canada, please see the [Detailed weekly epidemiological report \(PDF\)](#).

Table 1. Daily* change in the number of cases, deaths and tests performed, by location in Canada as of March 17, 2021, 7 pm EDT

Location	New cases	New deaths	Tests performed
Canada	3,374	36	72,631
British Columbia	498	4	7,101
Alberta	479	4	6,018
Saskatchewan	87	1	2,461
Manitoba	96	0	1,552
Ontario	1,508	14	28,526
Quebec	703	13	23,726
Newfoundland and Labrador	0	0	393
New Brunswick	1	0	705
Nova Scotia	2	0	1,646
Prince Edward Island	0	0	417
Yukon	0	0	7
Northwest Territories	0	0	77
Nunavut	0	0	2

* The new cases, deaths and tests reflect the net change between what provinces and territories are reporting for the current day and for the previous reported day. Some provinces and territories do not provide daily updates.

Starting February 1, 2021, laboratory test indicators are based on the number of laboratory tests performed and the percentage of tests positive. These data replace previous metrics based on unique individuals tested and provide a more accurate measure of test positivity and promote greater standardization in reporting across Canada. The proportion of tests positive is expected to decrease compared with previous person-based methods, as all tests will be included in the calculation, including new tests on the same person over time.

N/A indicates no daily update provided by province/territory.

Variants of Concern (VOC) in Canada

All viruses mutate over time and it is expected that the COVID-19 virus will evolve and change. Not all mutations are of concern; however, some changes result in variants of concern (VOC). A “variant of concern” has changes that cause the virus to act differently in ways that are significant to public health (e.g. spreads more easily, causes more severe disease, requires different treatments or changes the effectiveness of current vaccines).

VOC (Variants of concern), information will be updated once per day in the evening at 7:00 PM EST with information publically reported by Provinces and Territories.

Table 2. Cumulative number of variants of concern (VOC) publically reported in Canada, by location, as of March 17, 2021

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	3,946	240	71
British Columbia	921	41	34
Alberta	1,078	17	2
Saskatchewan	129	6	0
Manitoba	52	12	0
Ontario	1,134	47	34
Quebec	431	107	1
Newfoundland and Labrador	178	0	0
New Brunswick	6	0	0
Nova Scotia	13	10	0
Prince Edward Island	4	0	0
Yukon	0	0	0
Northwest Territories	0	0	0
Nunavut	0	0	0

Note: Data current to March 17, 2021. The table reports publically available information provided by the Provinces and Territories. In case of differences between this information and data available from the Province or Territory, the Province or Territory data should be considered definitive.

Detailed case information

Tables and figures included below reflect only detailed case information data provided to the Public Health Agency of Canada by provincial/territorial health authorities. This data may undergo changes as more information about cases becomes available at the provincial/territorial level.

Updated : March 12, 2021, 7 pm EST

Epidemic curve

As of March 12, 2021, 7 pm EST, the Public Health Agency of Canada has received detailed case report data on 896,835 cases; episode date was available for 896,835 (100.0%) cases, and both exposure and episode date were available for 817,092 (91.1%) cases.

The shaded area in Figure 2 represents a period of time (lag time) where it is expected that cases have occurred but have not yet been reported nationally. There is an approximate 1 to 2 week delay between when a person becomes ill and when their information is reported to the Public Health Agency of Canada. This delay is a result of the time required to seek healthcare, get tested and receive results. It also takes time for public health authorities to gather information on cases. Therefore, new information is provided as it becomes available.

Figure 2. COVID-19 cases (n=896,835 ¹) in Canada by date of illness onset ² as of March 12, 2021, 7 pm EST (total cases)

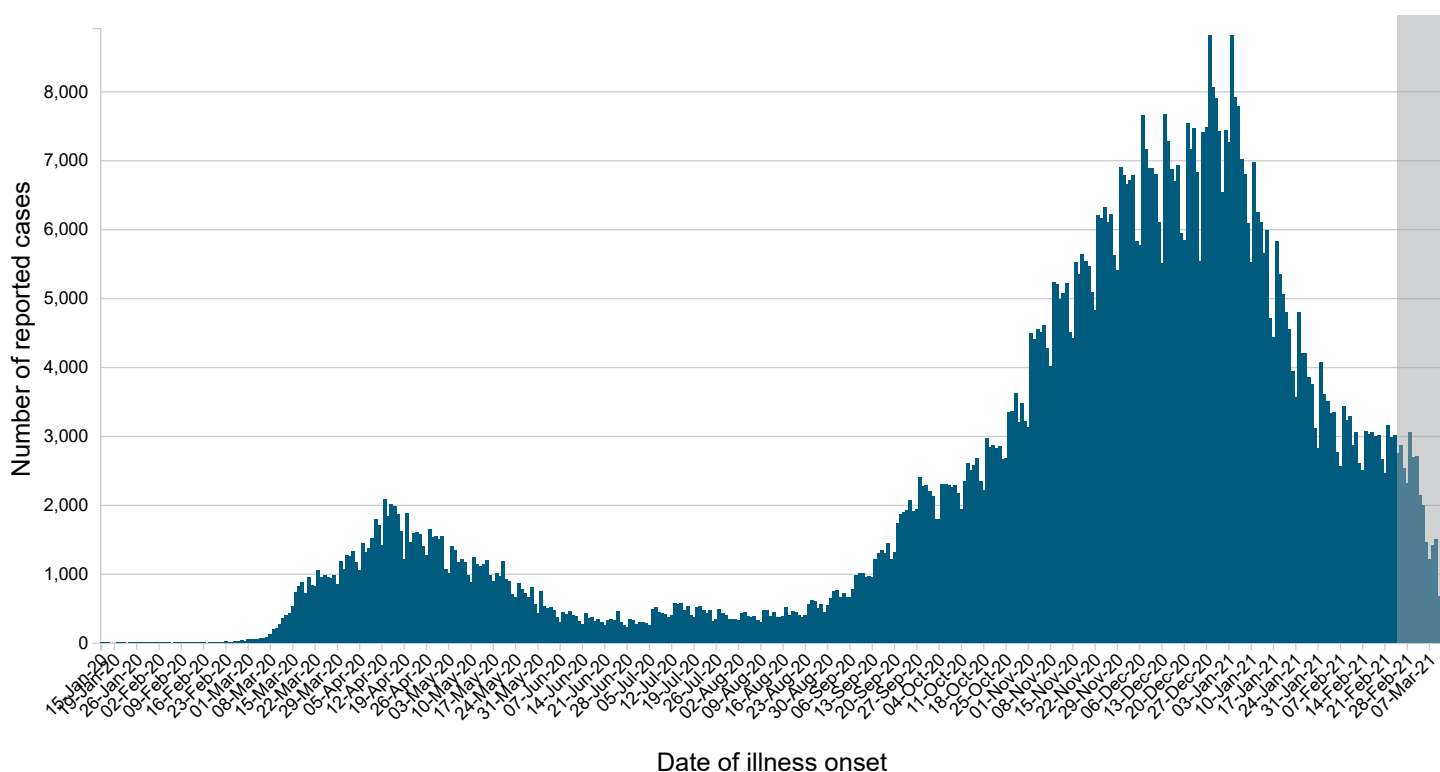


Figure 2. COVID-19 cases (n=817,092 ¹) in Canada by date of illness onset ² as of March 12, 2021, 7 pm EST (by exposure)

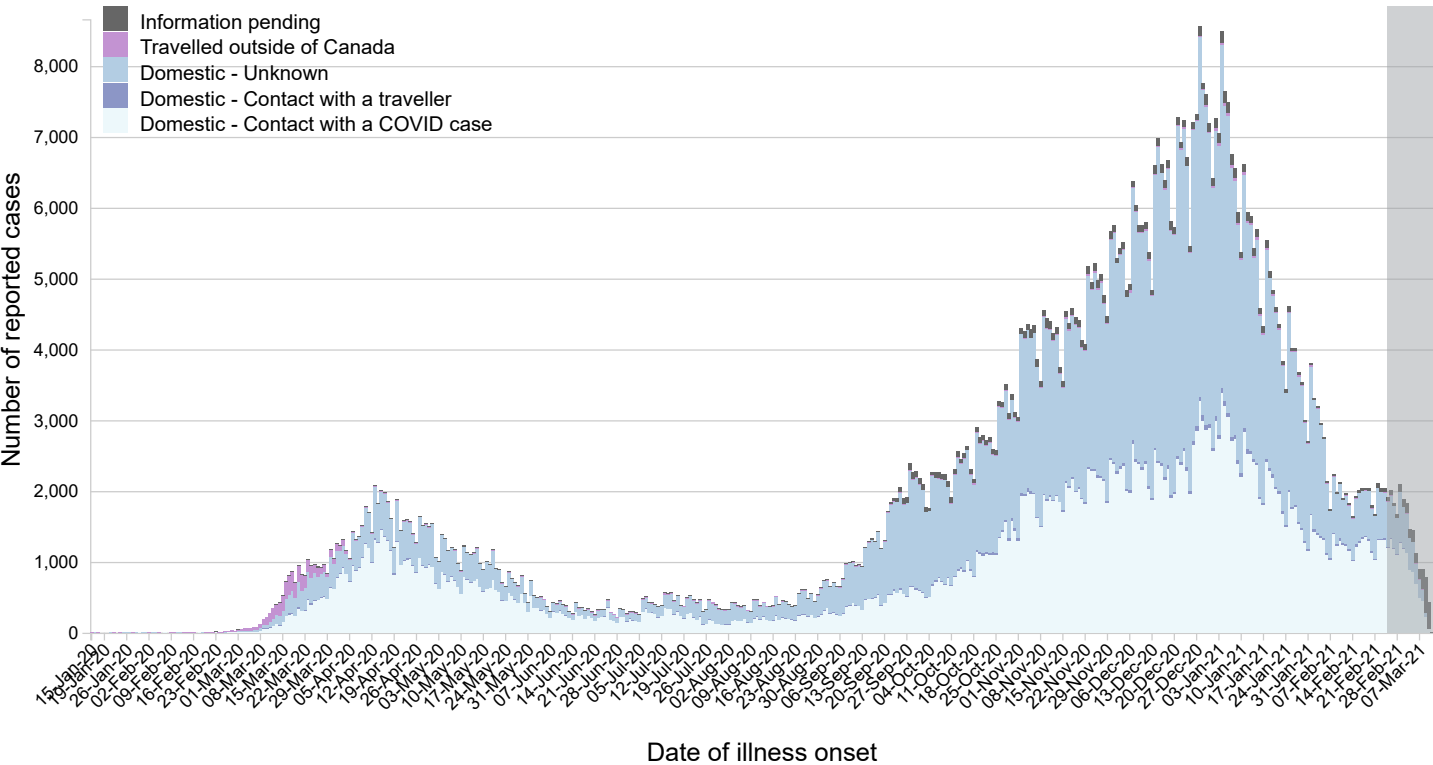


Figure 2. COVID-19 cases (n=896,608 ¹) in Canada by date of illness onset ² as of March 12, 2021, 7 pm EST (by age - 10 year groups)

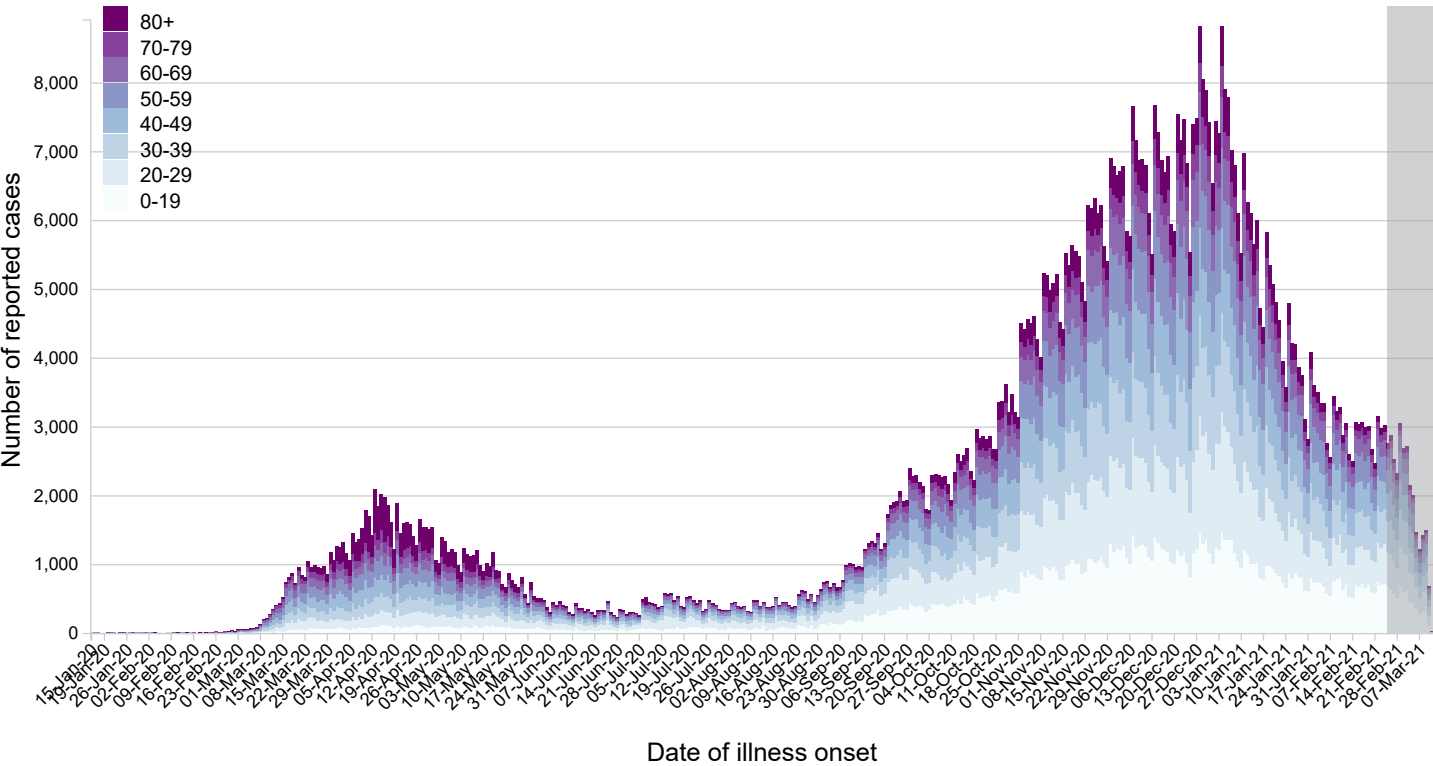
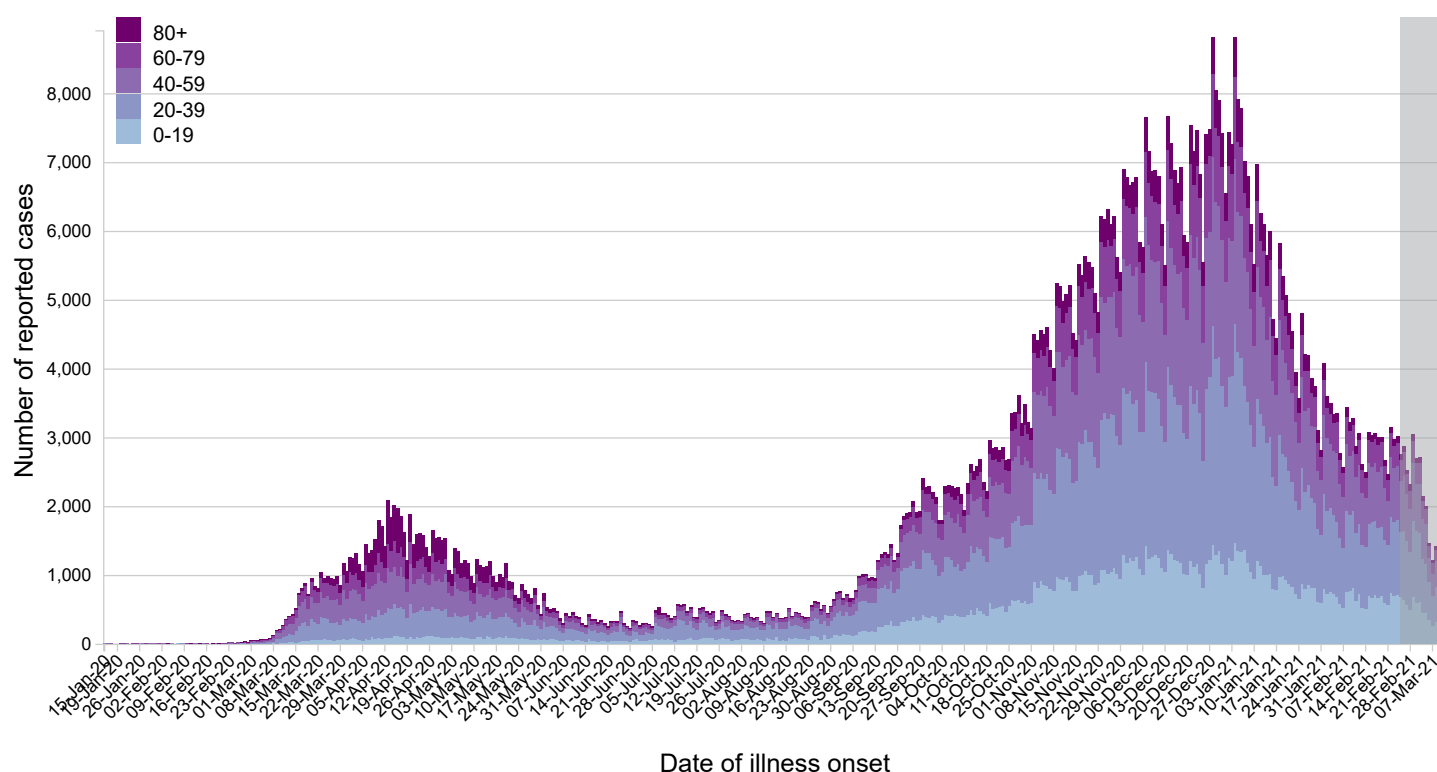


Figure 2. COVID-19 cases (n=896,608 ¹) in Canada by date of illness onset ² as of March 12, 2021, 7 pm EST (by age - 20 year groups)



Data 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.

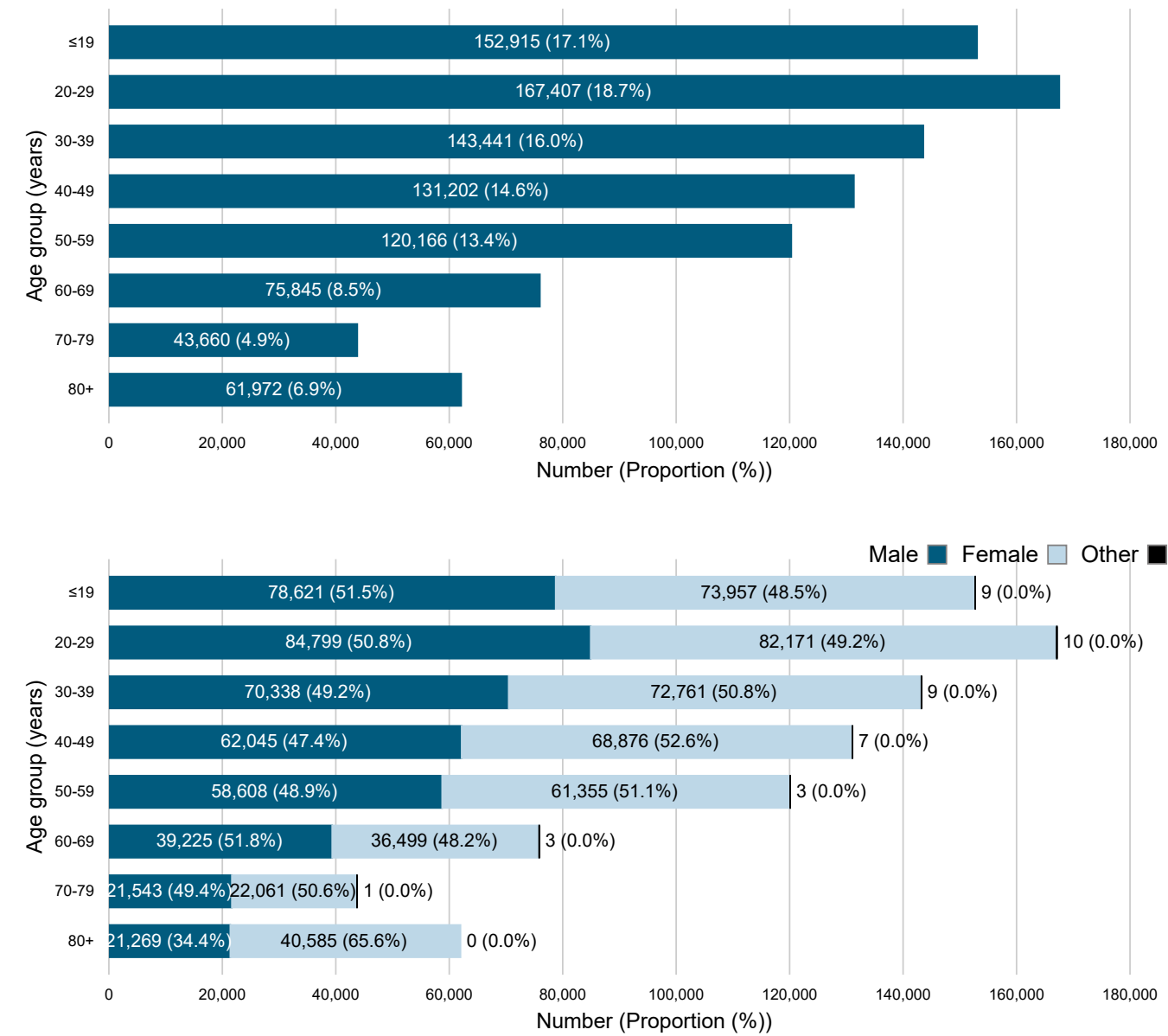
This figure may be an underestimate of the total number of cases among returning travelers as exposure history are not available for all cases and not all jurisdictions have consistently reported exposure history to PHAC throughout the COVID-19 pandemic.

Demographics

Detailed case report data were provided on 896,835 cases; age information was available for 896,608 (99.97%) cases, and both age and sex were available for 894,755 (99.77%) cases.

Of the COVID-19 cases reported in Canada to date, approximately half (51.2%) are female. Approximately one-fifth (20.2%) of cases are 60 years old and over (Figure 3).

Figure 3. **Age** distribution of COVID-19 cases (n=896,608 ¹) in Canada as of March 12, 2021, 7 pm EST ³



Age by sex³ distribution of COVID-19 cases (n=896,608¹) in Canada, March 12, 2021, 7 pm EST

Age group (years)	Number of cases with case reports (proportion)	Number of male cases (proportion)	Number of female cases (proportion)	Number of other cases (proportion)
≤19	152,915 (17.1%)	78,621 (18.0%)	73,957 (16.1%)	9 (21.4%)
20-29	167,407 (18.7%)	84,799 (19.4%)	82,171 (17.9%)	10 (23.8%)
30-39	143,441 (16.0%)	70,338 (16.1%)	72,761 (15.9%)	9 (21.4%)
40-49	131,202 (14.6%)	62,045 (14.2%)	68,876 (15.0%)	7 (16.7%)
50-59	120,166 (13.4%)	58,608 (13.4%)	61,355 (13.4%)	3 (7.1%)
60-69	75,845 (8.5%)	39,225 (9.0%)	36,499 (8.0%)	3 (7.1%)
70-79	43,660 (4.9%)	21,543 (4.9%)	22,061 (4.8%)	1 (2.4%)
80+	61,972 (6.9%)	21,269 (4.9%)	40,585 (8.9%)	0 (0.0%)

Exposure setting

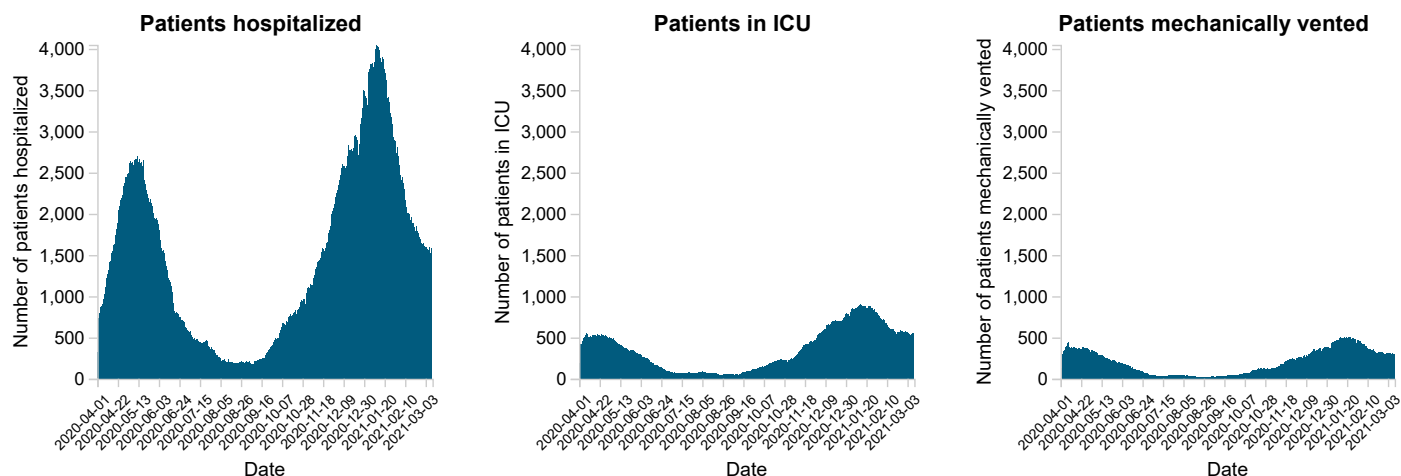
In , detailed case report data were provided on 896,835 cases; exposure history was available for 97,911 (98%) cases. The probable exposure setting of these reported cases¹ are:

- domestic acquisition (defined as any exposure that occurred within Canada): **794,045 (97.2%)**
 - from contact with a COVID case: **366,937 (44.9%)**
 - from contact with a traveller: **6,469 (0.8%)**
 - from an unknown source: **420,639 (51.5%)**
- currently unknown (information pending): **14,951 (1.8%)**
- travelled outside of Canada: **8,096 (1.0%)**

Hospitalizations, intensive care unit (ICU), mechanical ventilation and deaths

Hospital Utilization

Figure 4. Daily Census of hospital beds and ICU beds occupied by COVID-19 patients as of March 9, 2021



Between March 2, 2021 and March 9, 2021:

- The number of **hospital beds** occupied by COVID-19 patients **decreased** from **1,592** to **1,584** beds.
- The number of **ICU beds** occupied by COVID-19 patients **decreased** from **560** to **548** beds.
- The number of **COVID-19 patients who were mechanically vented decreased** from **310** to **302** beds.

Hospitalizations To Date

Detailed case report data were provided on 896,835 cases; hospitalization status information was available for 635,977 (70.9%) of these cases:

- **49,121 cases (7.7%)** were hospitalized, of whom:
 - **8,668 (17.6%)** were admitted to the ICU
 - **1,579 (3.2%)** required mechanical ventilation

Detailed case report forms have been received from provinces and territories for **22,325** deaths related to COVID-19.

Figure 5a. Age and gender ³ distribution of COVID-19 cases hospitalized in Canada as of March 12, 2021, 7 pm EST (n=49,063 ¹)

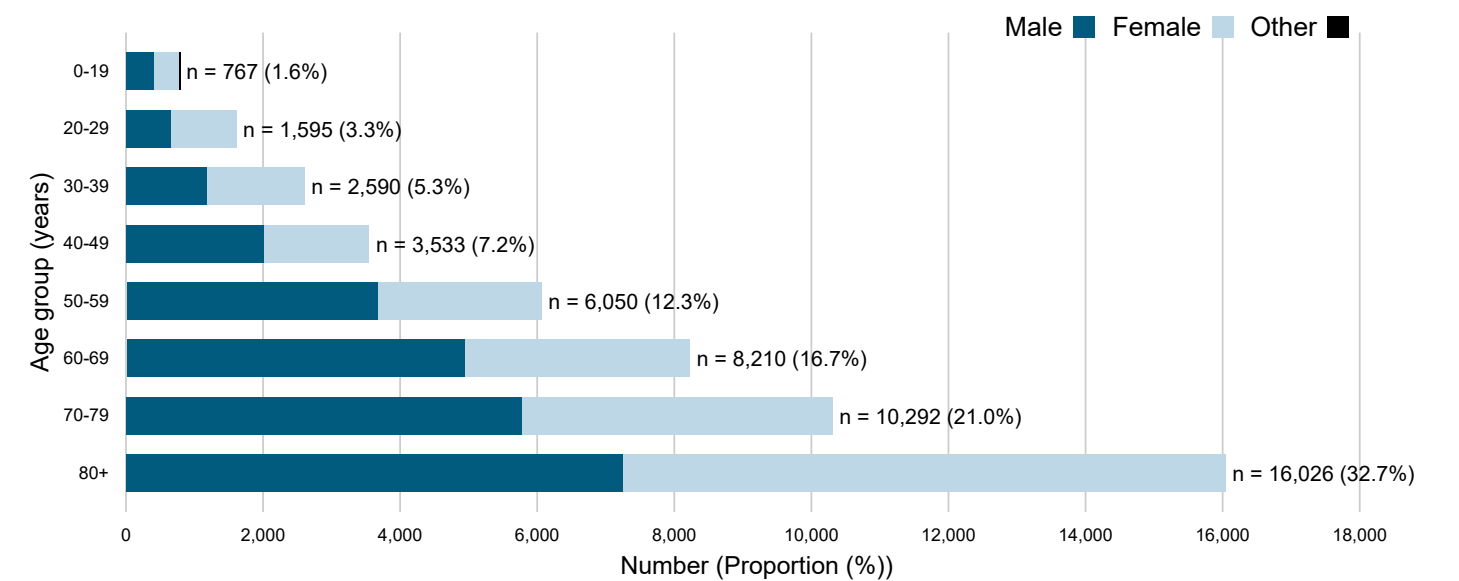


Figure 5b. Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of March 12, 2021, 7 pm EST (n=8,657 ¹)

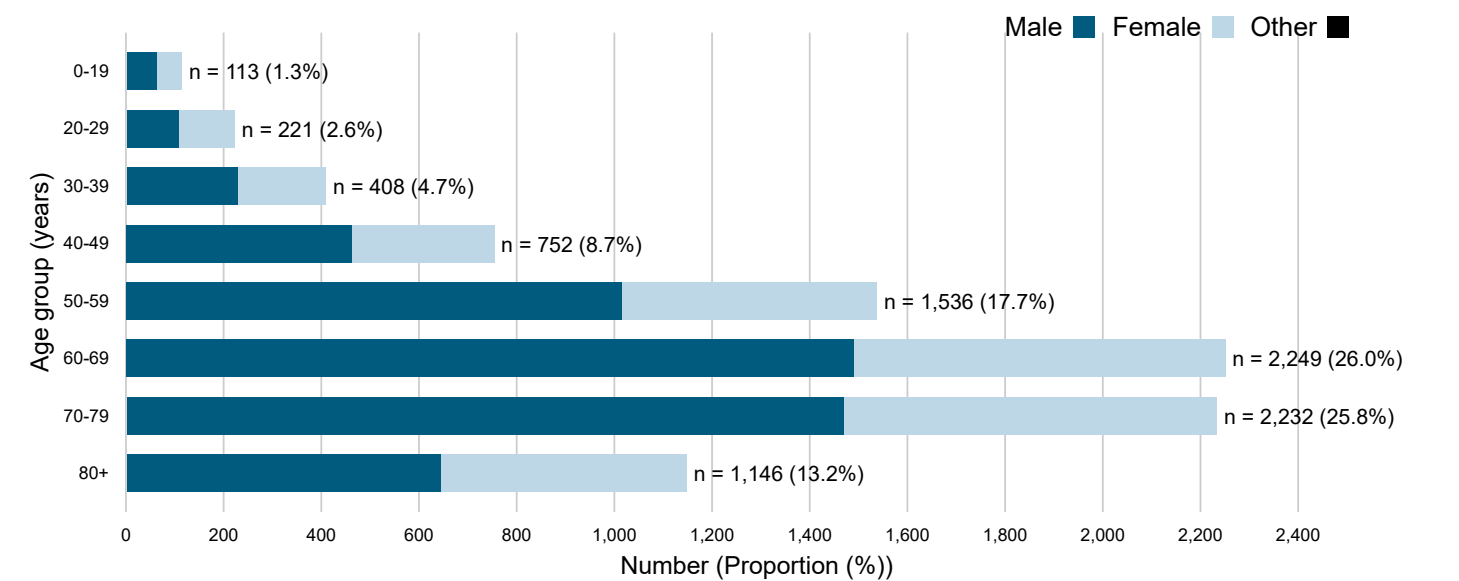
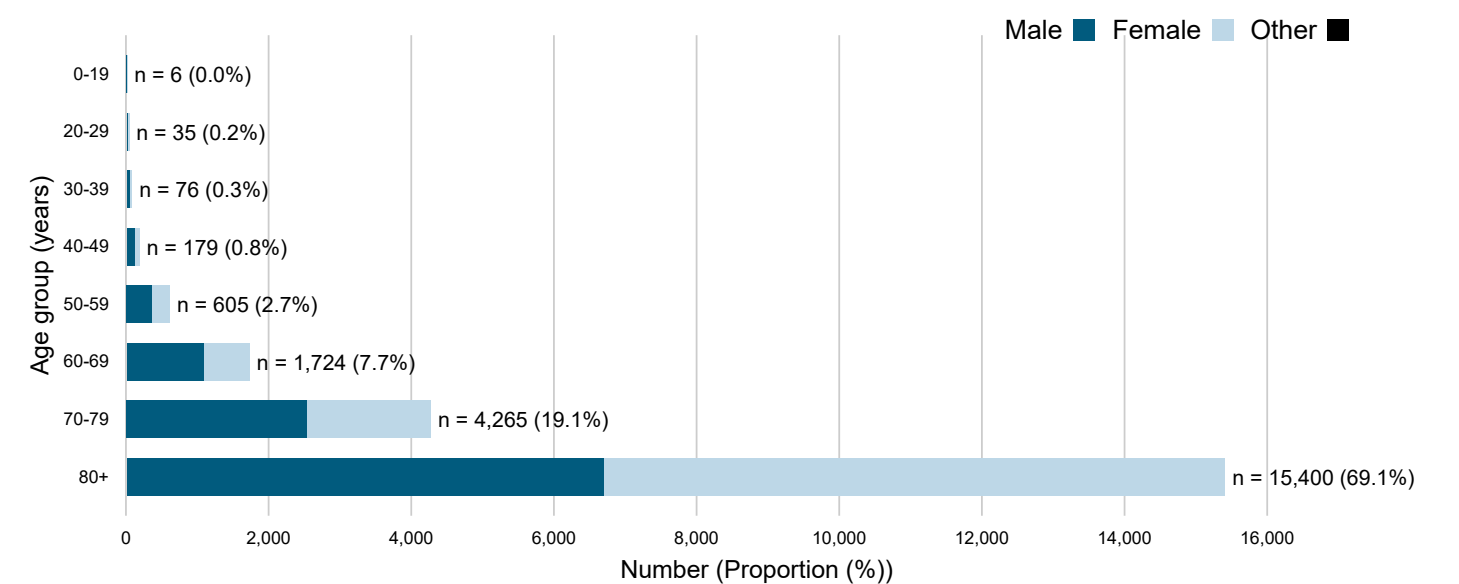


Figure 5c. Age and gender ³ distribution of COVID-19 cases deceased in Canada as of March 12, 2021, 7 pm EST (n=22,290 ¹)



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 ³ distribution of COVID-19 cases hospitalized in Canada as of March 12, 2021, 7 pm EST (n=49,063 ¹)

Age group (years)	Number of cases with case reports (proportion)	Number of male cases (proportion)	Number of female cases (proportion)	Number of other cases (proportion)
0-19	767 (1.6%)	397 (0.8%)	369 (0.8%)	1 (0.0%)
20-29	1,595 (3.3%)	642 (1.3%)	953 (1.9%)	0 (0.0%)
30-39	2,590 (5.3%)	1,169 (2.4%)	1,421 (2.9%)	0 (0.0%)
40-49	3,533 (7.2%)	2,014 (4.1%)	1,519 (3.1%)	0 (0.0%)
50-59	6,050 (12.3%)	3,669 (7.5%)	2,381 (4.9%)	0 (0.0%)
60-69	8,210 (16.7%)	4,931 (10.1%)	3,279 (6.7%)	0 (0.0%)
70-79	10,292 (21.0%)	5,764 (11.7%)	4,528 (9.2%)	0 (0.0%)
80+	16,026 (32.7%)	7,239 (14.8%)	8,787 (17.9%)	0 (0.0%)

Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of March 12, 2021, 7 pm EST (n=8,657 ¹)

Age group (years)	Number of cases with case reports (proportion)	Number of male cases (proportion)	Number of female cases (proportion)	Number of other cases (proportion)
0-19	113 (1.3%)	63 (0.7%)	50 (0.6%)	0 (0.0%)
20-29	221 (2.6%)	108 (1.2%)	113 (1.3%)	0 (0.0%)
30-39	408 (4.7%)	229 (2.6%)	179 (2.1%)	0 (0.0%)
40-49	752 (8.7%)	461 (5.3%)	291 (3.4%)	0 (0.0%)
50-59	1,536 (17.7%)	1,014 (11.7%)	522 (6.0%)	0 (0.0%)
60-69	2,249 (26.0%)	1,489 (17.2%)	760 (8.8%)	0 (0.0%)
70-79	2,232 (25.8%)	1,469 (17.0%)	763 (8.8%)	0 (0.0%)
80+	1,146 (13.2%)	644 (7.4%)	502 (5.8%)	0 (0.0%)

Age and gender³ distribution of COVID-19 cases deceased in Canada as of March 12, 2021, 7 pm EST (n=22,290¹)

Age group (years)	Number of cases with case reports (proportion)	Number of male cases (proportion)	Number of female cases (proportion)	Number of other cases (proportion)
0-19	6 (0.0%)	4 (0.0%)	2 (0.0%)	0 (0.0%)
20-29	35 (0.2%)	19 (0.1%)	16 (0.1%)	0 (0.0%)
30-39	76 (0.3%)	51 (0.2%)	25 (0.1%)	0 (0.0%)
40-49	179 (0.8%)	111 (0.5%)	68 (0.3%)	0 (0.0%)
50-59	605 (2.7%)	366 (1.6%)	239 (1.1%)	0 (0.0%)
60-69	1,724 (7.7%)	1,085 (4.9%)	639 (2.9%)	0 (0.0%)
70-79	4,265 (19.1%)	2,538 (11.4%)	1,727 (7.7%)	0 (0.0%)
80+	15,400 (69.1%)	6,698 (30.0%)	8,702 (39.0%)	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 has been received by the Public Health Agency of Canada from provincial/territorial partners.
 - 2 If date of illness onset was not available, the earliest of the following dates was used as an estimate: Specimen Collection Date and Laboratory Testing Date.
 - 3 Provinces and territories may define sex differently and some may be referring to biological sex.
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Date modified:

2021-03-17