



Coronavirus disease 2019 (COVID-19): Epidemiology update

Updated: March 10, 2021, 7 pm EST

Key updates as of March 10, 2021, 7 pm EST

Cases today

Total cases

3,227 **896,739**

Active cases

Total recovered

30,442 **843,962**

Deaths today

Total deaths

31 **22,335**

Tests performed today

Total tests performed

Percent positive (total)

Tests performed per million

76,514

25,428,680

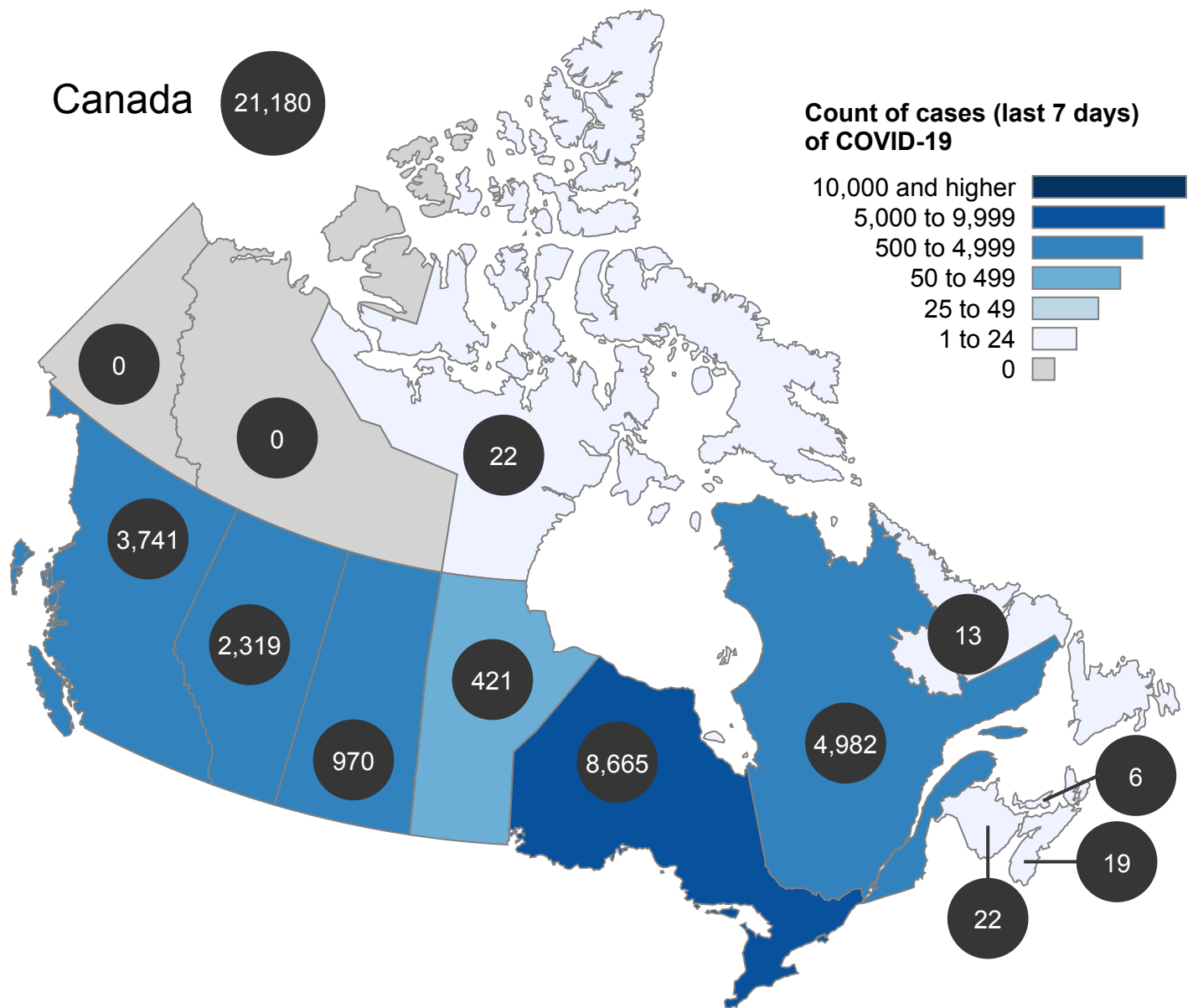
3.7%

669,084

- 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 (78.8%) have been reported by Ontario and Quebec.
- Of the jurisdictions reporting updates (n=13) no new cases have been reported in 6 province or territories within the past 24 hours.
- Of the jurisdictions reporting updates (n=13), no new deaths have been reported in 7 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 10, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **21,180** as of March 10, 2021.

This information is based on data from our provincial and territorial partners. It is current as of March 10, 2021, 7 pm EST. 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 10, 2021

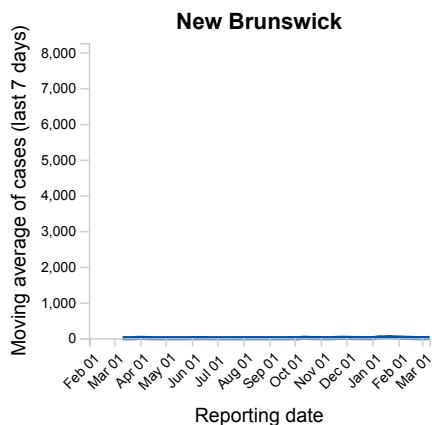
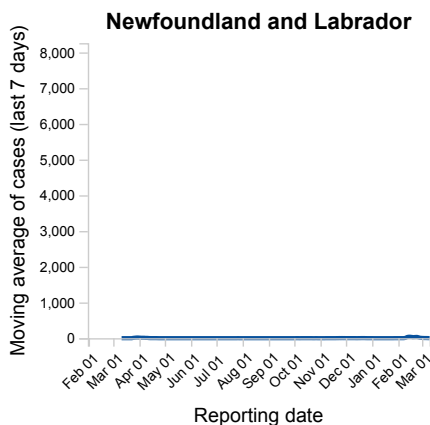
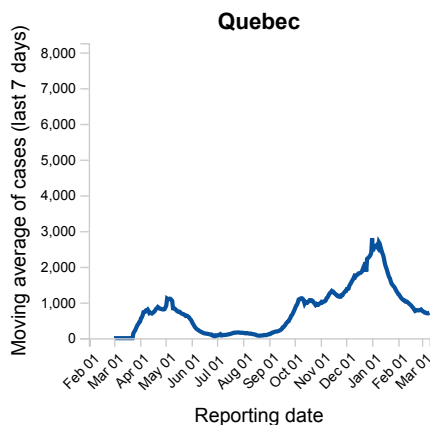
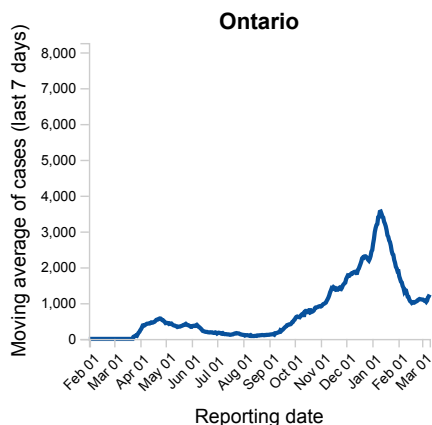
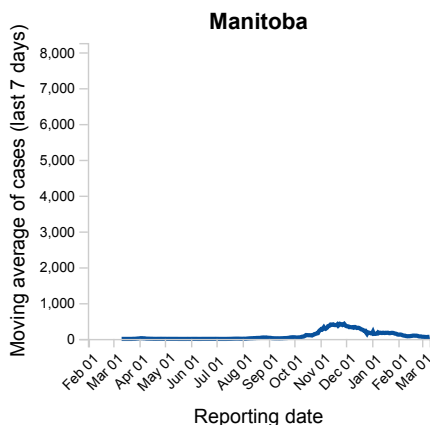
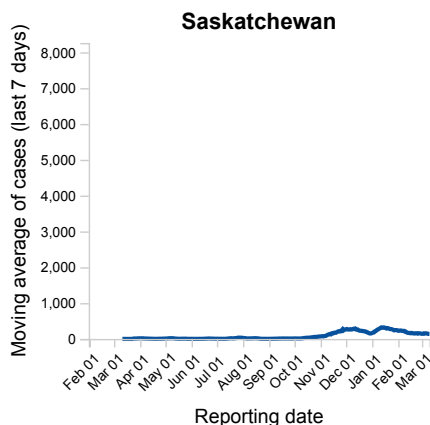
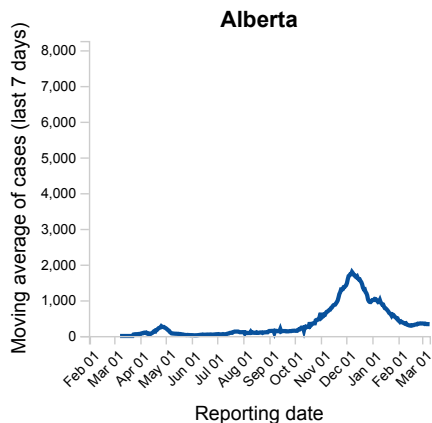
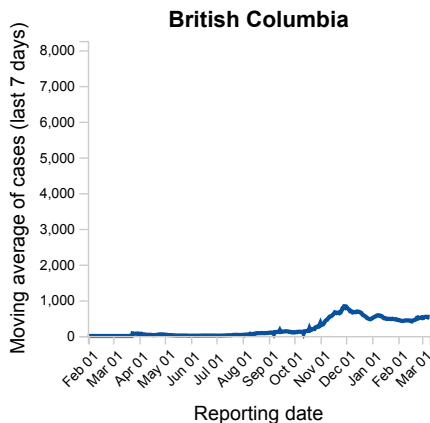
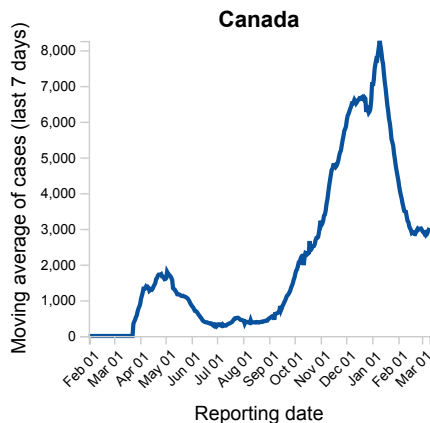
Location	Total cases		Cases last 7 days		Active cases		Recovered	Deaths		Deaths last 7 days		Total tests performed	
	Count	Rate [*]	Count	Rate [*]	Count	Rate [*]	Count	Count	Rate [*]	Count	Rate [*]	Count	Rate [†]
Canada	896,739	2,360	21,180	56	30,442	80	843,962	22,335	59	226	1	25,428,680	669,084
British Columbia	85,650	1,664	3,741	73	4,947	96	79,309	1,394	27	22	0	2,001,764	388,865
Alberta	136,773	3,093	2,319	52	4,463	101	130,382	1,928	44	26	1	3,472,458	785,291
Saskatchewan	30,029	2,548	970	82	1,384	117	28,244	401	34	12	1	596,828	506,352
Manitoba	32,421	2,351	421	31	1,185	86	30,328	908	66	7	1	547,363	396,852
Ontario	312,428	2,120	8,665	59	11,311	77	294,018	7,099	48	85	1	11,323,227	768,509
Quebec	294,652	3,436	4,982	58	6,964	81	277,185	10,503	122	73	1	6,513,438	759,623
Newfoundland and Labrador	1,010	193	13	2	78	15	926	6	1	0	0	205,474	393,551
New Brunswick	1,460	187	22	3	35	4	1,396	29	4	1	0	245,841	314,585
Nova Scotia	1,665	170	19	2	24	2	1,576	65	7	0	0	375,973	383,900
Prince Edward Island	143	90	6	4	28	18	115	0	0	0	0	113,938	713,785
Yukon	72	171	0	0	0	0	71	1	2	0	0	8,280	196,899
Northwest Territories	42	93	0	0	1	2	41	0	0	0	0	15,073	333,761
Nunavut	381	968	22	56	22	56	358	1	3	0	0	8,947	227,352

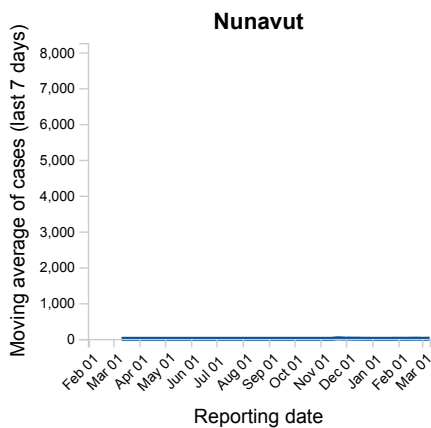
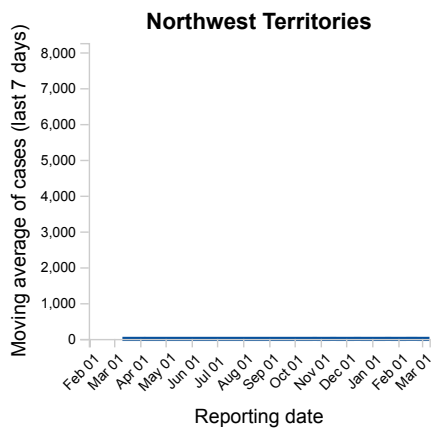
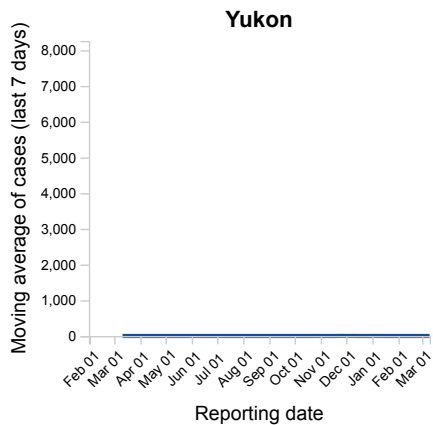
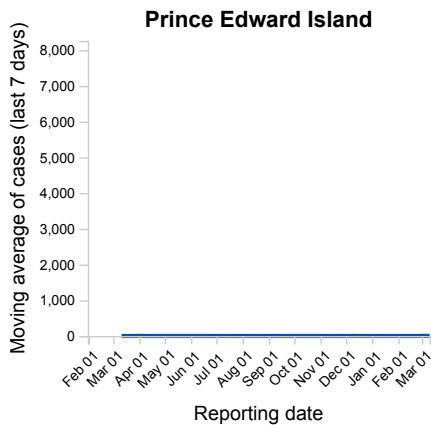
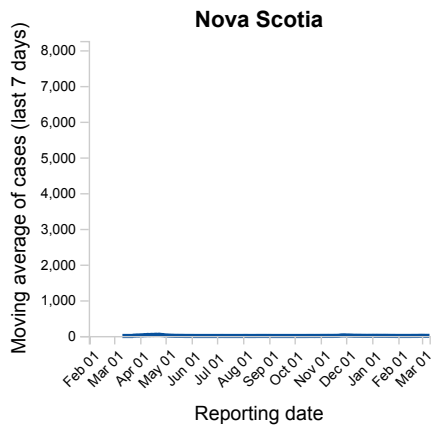
[†] Rate per 1,000,000 population

^{*} Rate per 100,000 population

Figure 1b. **Moving average** of **cases (last 7 days)** of COVID-19 in Canada as of March 10, 2021, 7 pm EST

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 **25,428,680** tests performed for COVID-19 in Canada. This corresponds to a test rate of **669,084 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 10, 2021, 7 pm EST

Location	New cases	New deaths	Tests performed
Canada	3,227	31	76,514
British Columbia	531	1	6,560
Alberta	399	2	5,434
Saskatchewan	111	1	1,874
Manitoba	77	1	1,260
Ontario	1,316	16	33,264
Quebec	792	10	22,498
Newfoundland and Labrador	0	0	1,366
New Brunswick	0	0	783
Nova Scotia	1	0	2,841
Prince Edward Island	0	0	501
Yukon	0	0	24
Northwest Territories	0	0	89
Nunavut	0	0	20

* 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 10, 2021

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	2,641	207	32
Newfoundland and Labrador	88	0	0
Prince Edward Island	4	0	0
Nova Scotia	11	8	0
New Brunswick	6	0	0
Quebec	235	97	1
Ontario	921	39	17
Manitoba	11	11	0
Saskatchewan	64	6	0
Alberta	721	13	0
British Columbia	580	33	14
Yukon	0	0	0
Northwest Territories	0	0	0
Nunavut	0	0	0

Note: Data current to March 10, 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 : January 2, 2021, 7 pm EST

Epidemic curve

As of March 5, 2021, 7 pm EST, the Public Health Agency of Canada has received detailed case report data on 877,276 cases; episode date was available for 0 (0.0%) cases, and both exposure and episode date were available for 0 (0.0%) 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=0¹) in Canada by date of illness onset² as of March 5, 2021, 7 pm EST (total cases)

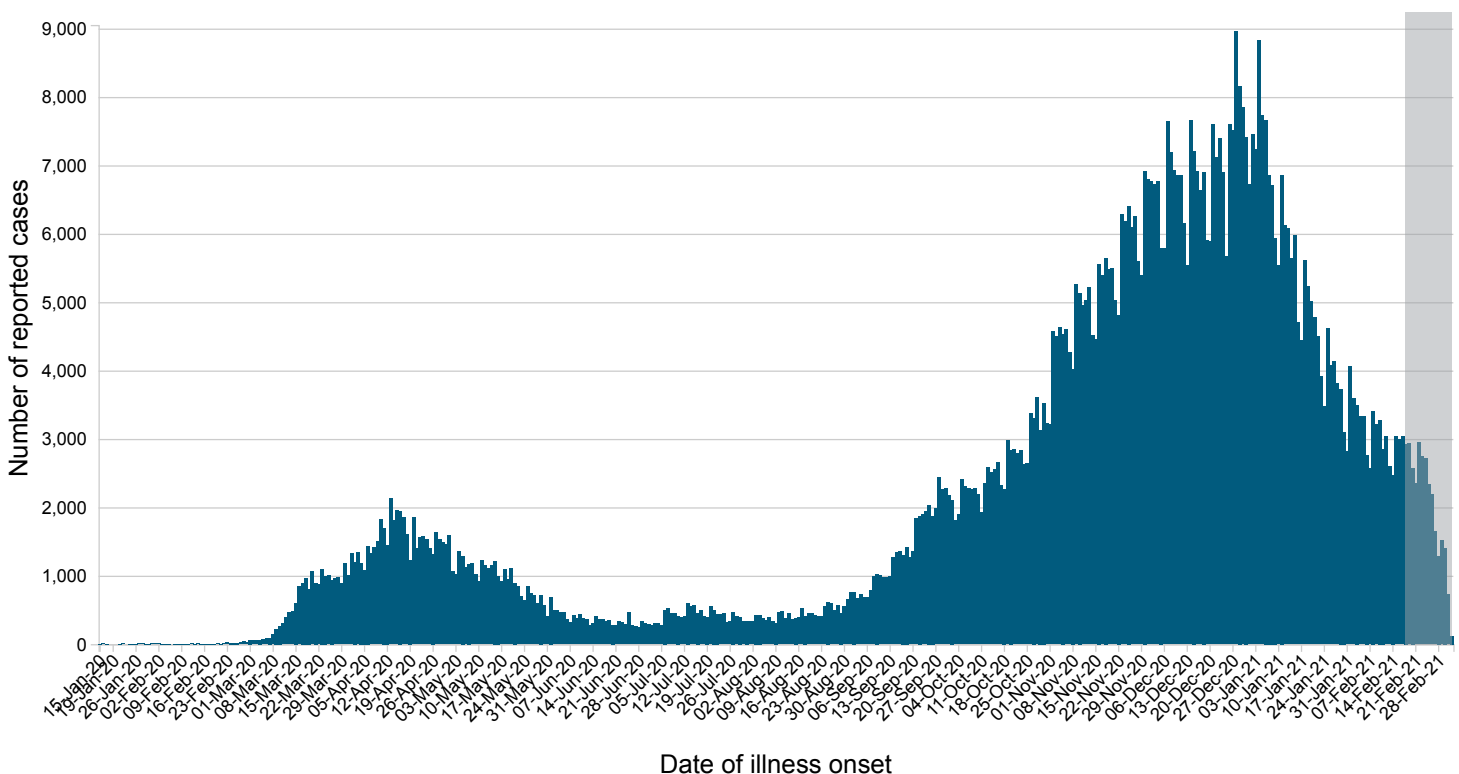


Figure 2. COVID-19 cases (n=0 ¹) in Canada by date of illness onset ² as of March 5, 2021, 7 pm EST (by exposure)

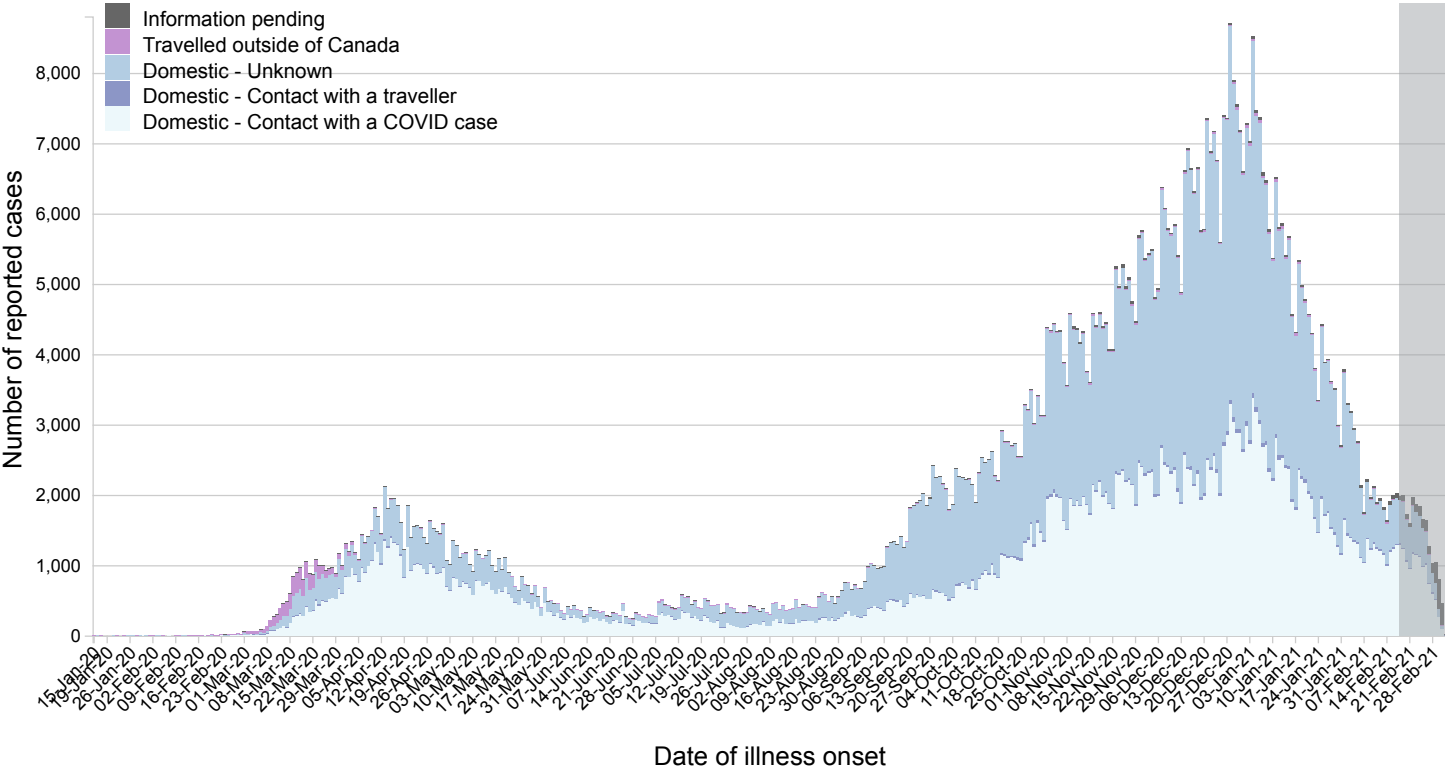


Figure 2. COVID-19 cases (n=877,063 ¹) in Canada by date of illness onset ² as of March 5, 2021, 7 pm EST (by age - 10 year groups)

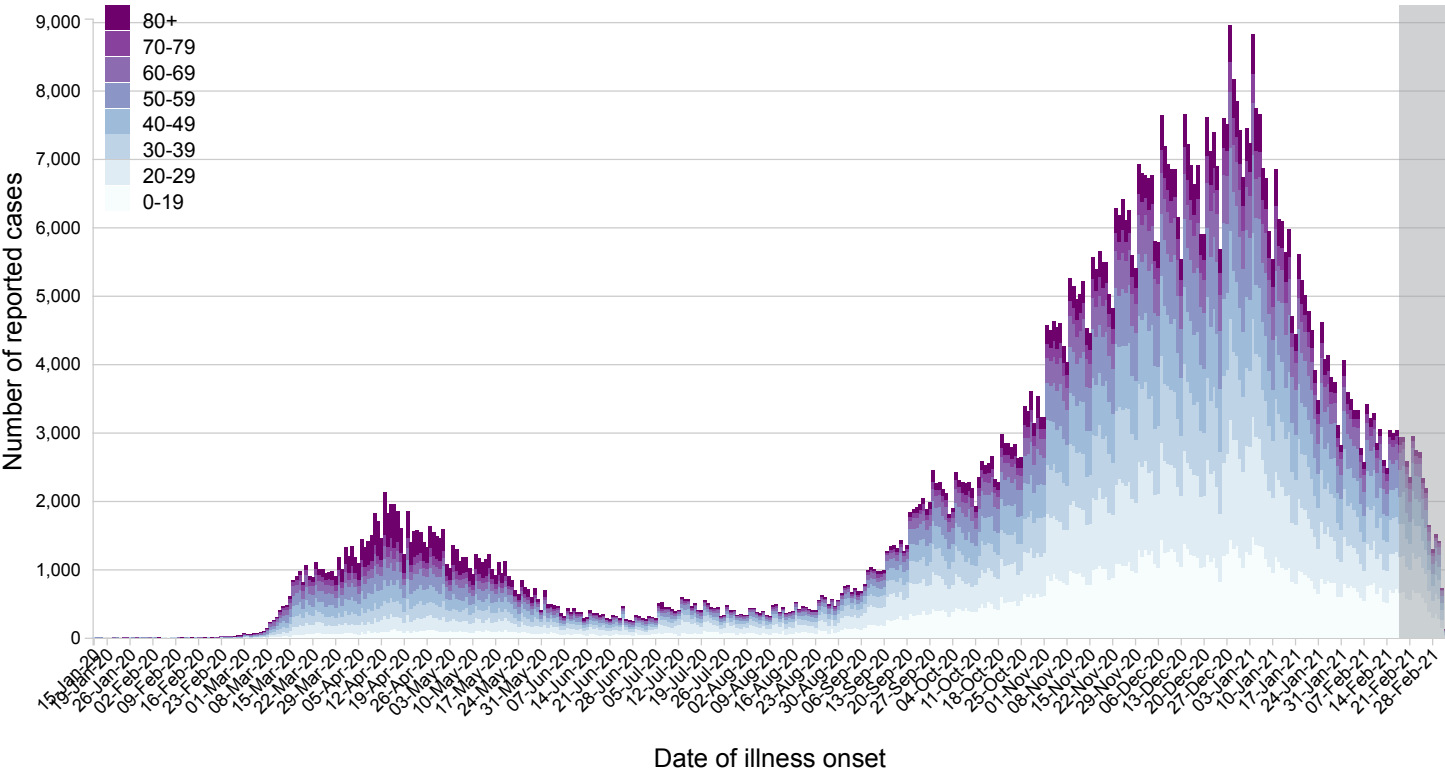
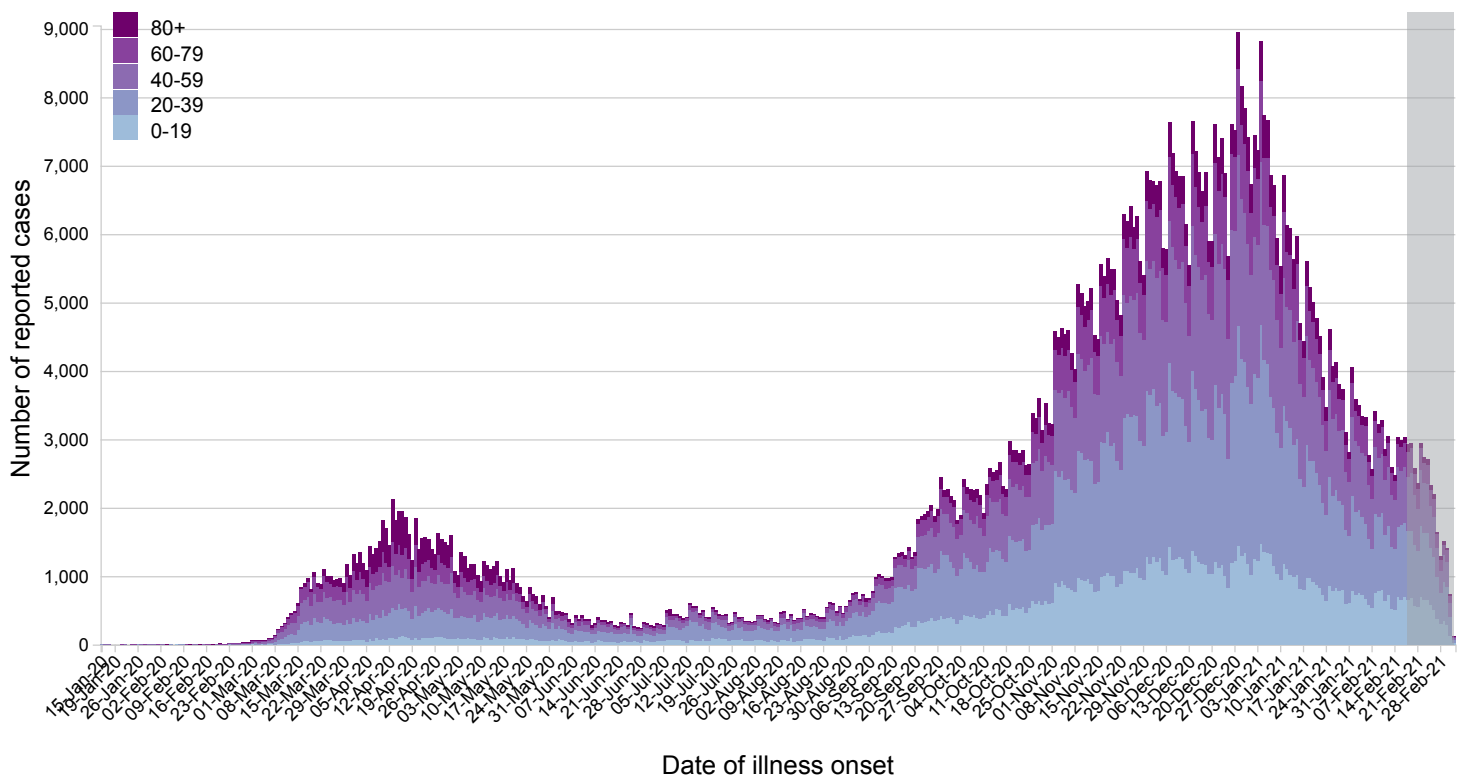


Figure 2. COVID-19 cases (n=877,063¹) in Canada by date of illness onset² as of March 5, 2021, 7 pm EST (by age - 20 year groups)



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.

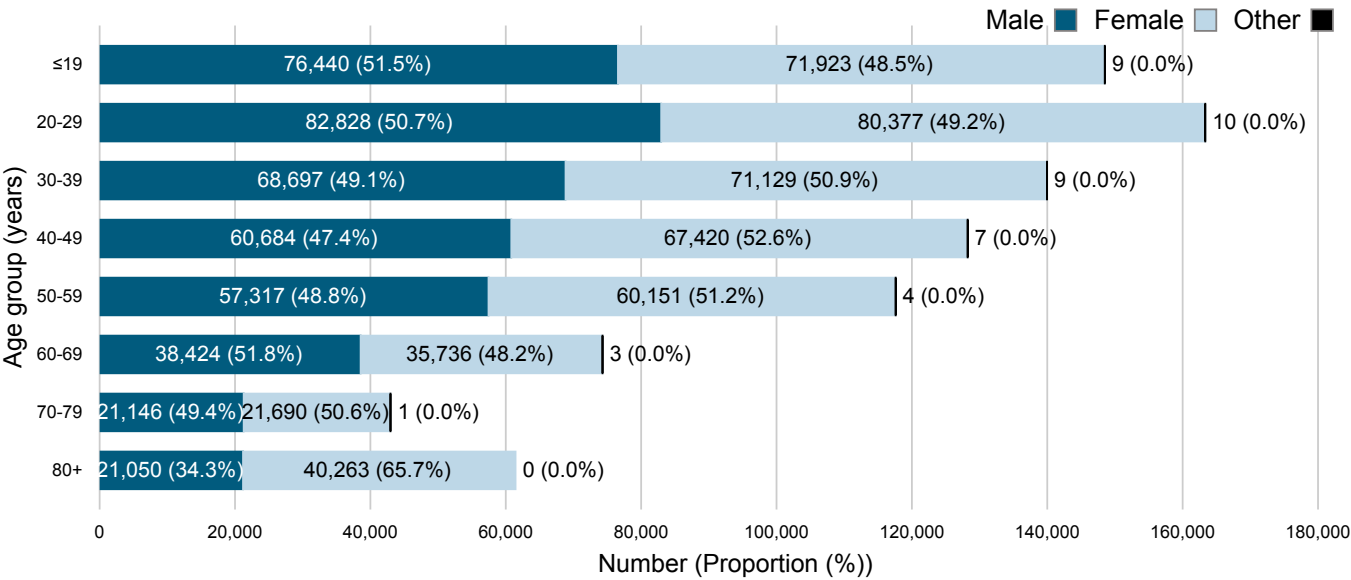
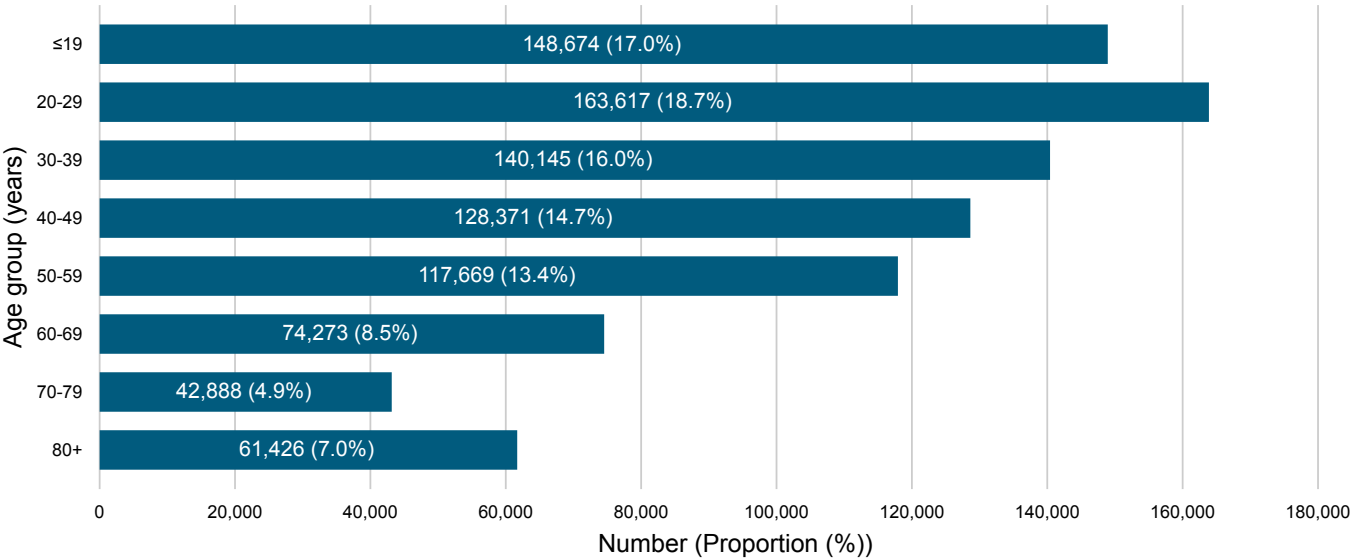
This figure may be an underestimate of the total number of cases among returning travelers as exposure history are not available for all cases and not all jurisdictions have consistently reported exposure history to PHAC throughout the COVID-19 pandemic.

Demographics

Detailed case report data were provided on 877,276 cases; age information was available for 875,318 (99.78%) cases, and both age and sex were available for 877,063 (99.98%) cases.

Of the COVID-19 cases reported in Canada to date, approximately half (51.3%) are female. Approximately one-fifth (20.4%) of cases are 60 years old and over (Figure 3).

Figure 3. **Age** distribution of COVID-19 cases (n=875,318¹) in Canada as of March 5, 2021, 7 pm EST³



Age by sex ³ distribution of COVID-19 cases (n=875,318 ¹) in Canada, March 5, 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	148,674 (17.0%)	76,440 (17.9%)	71,923 (16.0%)	9 (20.9%)
20-29	163,617 (18.7%)	82,828 (19.4%)	80,377 (17.9%)	10 (23.3%)
30-39	140,145 (16.0%)	68,697 (16.1%)	71,129 (15.9%)	9 (20.9%)
40-49	128,371 (14.7%)	60,684 (14.2%)	67,420 (15.0%)	7 (16.3%)
50-59	117,669 (13.4%)	57,317 (13.4%)	60,151 (13.4%)	4 (9.3%)
60-69	74,273 (8.5%)	38,424 (9.0%)	35,736 (8.0%)	3 (7.0%)
70-79	42,888 (4.9%)	21,146 (5.0%)	21,690 (4.8%)	1 (2.3%)
80+	61,426 (7.0%)	21,050 (4.9%)	40,263 (9.0%)	0 (0.0%)

Exposure setting

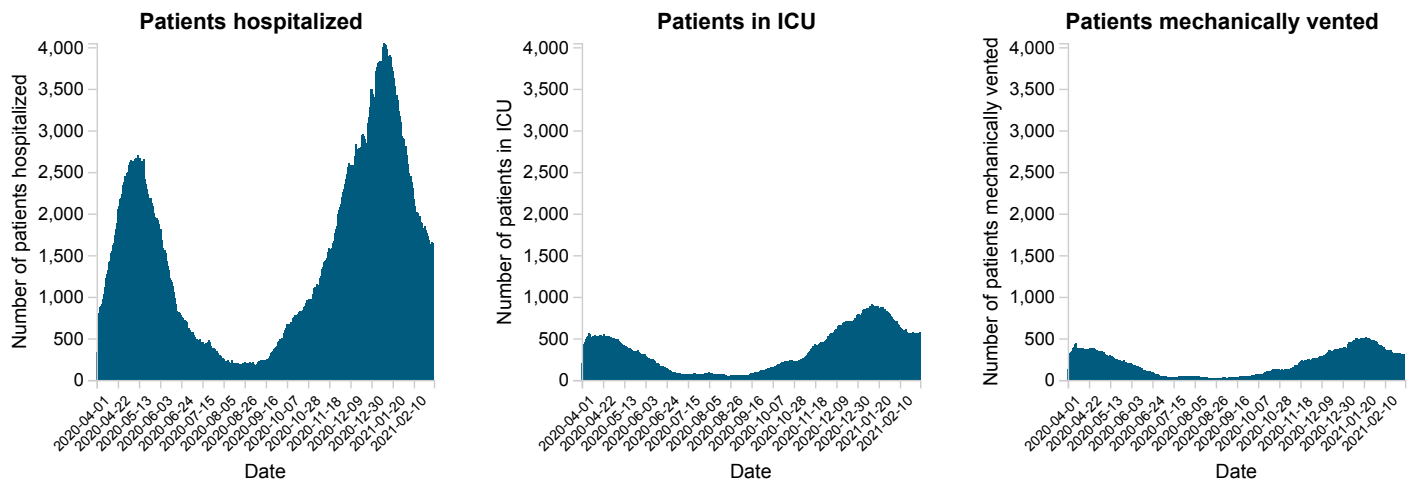
In Canada ▼, detailed case report data were provided on 877,276 cases; exposure history was available for 97,911 (98%) cases. The probable exposure setting of these reported cases ¹ are:

- domestic acquisition (defined as any exposure that occurred within Canada): **790,724 (98.4%)**
 - from contact with a COVID case: **358,040 (44.5%)**
 - from contact with a traveller: **6,469 (0.8%)**
 - from an unknown source: **426,215 (53.0%)**
- currently unknown (information pending): **4,977 (0.6%)**
- travelled outside of Canada: **8,060 (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 1, 2021



Between February 22, 2021 and March 1, 2021:

- The number of **hospital beds** occupied by COVID-19 patients **decreased** from **1,791** to **1,646** beds.
- The number of **ICU beds** occupied by COVID-19 patients **increased** from **558** to **569** beds.
- The number of **COVID-19 patients who were mechanically vented decreased** from **323** to **308** beds.

Hospitalizations To Date

Detailed case report data were provided on 877,276 cases; hospitalization status information was available for 631,496 (72.0%) of these cases:

- **48,392 cases (7.7%)** were hospitalized, of whom:
 - **8,597 (17.8%)** were admitted to the ICU
 - **1,560 (3.2%)** required mechanical ventilation

Detailed case report forms have been received from provinces and territories for **22,107** deaths related to COVID-19.

Figure 5a. Age and gender³ distribution of COVID-19 cases hospitalized in Canada as of March 5, 2021, 7 pm EST (n=48,340¹)

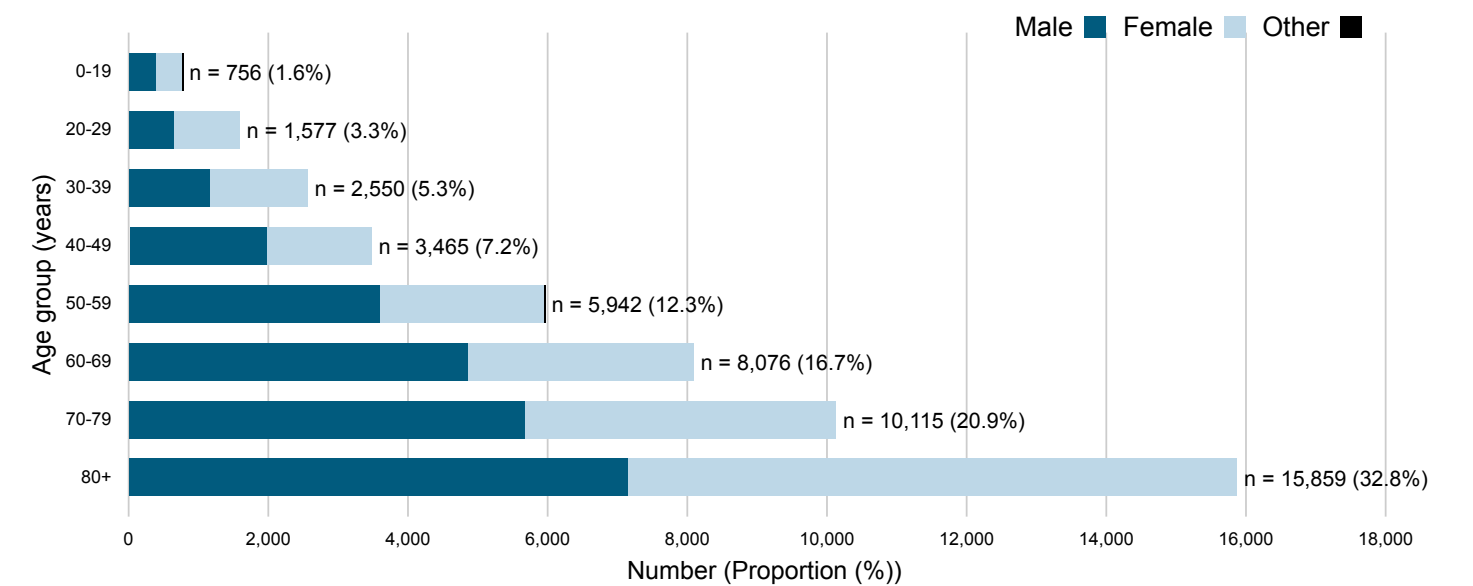


Figure 5b. Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of March 5, 2021, 7 pm EST (n=8,586 ¹)

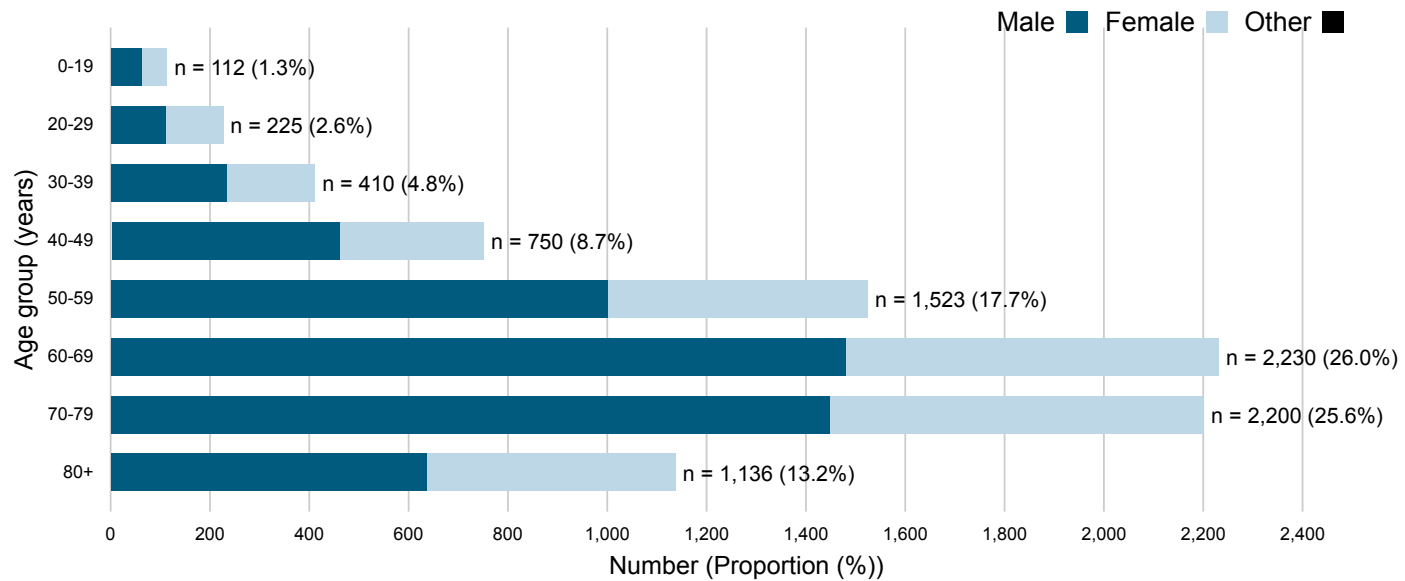
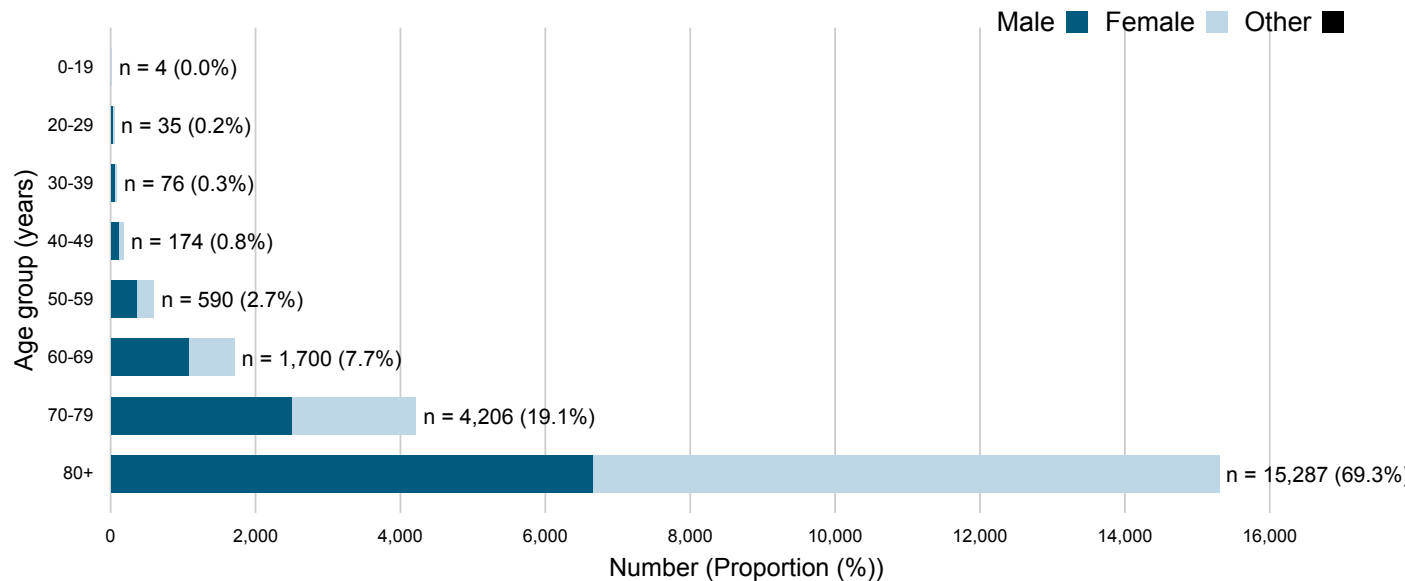


Figure 5c. Age and gender ³ distribution of COVID-19 cases deceased in Canada as of March 5, 2021, 7 pm EST (n=22,072 ¹)



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 5, 2021, 7 pm EST (n=48,340 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	756 (1.6%)	389 (0.8%)	366 (0.8%)	1 (0.0%)
20-29	1,577 (3.3%)	642 (1.3%)	935 (1.9%)	0 (0.0%)
30-39	2,550 (5.3%)	1,155 (2.4%)	1,395 (2.9%)	0 (0.0%)
40-49	3,465 (7.2%)	1,975 (4.1%)	1,490 (3.1%)	0 (0.0%)
50-59	5,942 (12.3%)	3,590 (7.4%)	2,351 (4.9%)	1 (0.0%)
60-69	8,076 (16.7%)	4,845 (10.0%)	3,231 (6.7%)	0 (0.0%)
70-79	10,115 (20.9%)	5,666 (11.7%)	4,449 (9.2%)	0 (0.0%)
80+	15,859 (32.8%)	7,151 (14.8%)	8,708 (18.0%)	0 (0.0%)

Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of March 5, 2021, 7 pm EST (n=8,586 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	112 (1.3%)	62 (0.7%)	50 (0.6%)	0 (0.0%)
20-29	225 (2.6%)	110 (1.3%)	115 (1.3%)	0 (0.0%)
30-39	410 (4.8%)	233 (2.7%)	177 (2.1%)	0 (0.0%)
40-49	750 (8.7%)	461 (5.4%)	289 (3.4%)	0 (0.0%)
50-59	1,523 (17.7%)	1,000 (11.6%)	523 (6.1%)	0 (0.0%)
60-69	2,230 (26.0%)	1,480 (17.2%)	750 (8.7%)	0 (0.0%)
70-79	2,200 (25.6%)	1,447 (16.9%)	753 (8.8%)	0 (0.0%)
80+	1,136 (13.2%)	636 (7.4%)	500 (5.8%)	0 (0.0%)

Age and gender ³ distribution of COVID-19 cases deceased in Canada as of March 5, 2021, 7 pm EST (n=22,072 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	4 (0.0%)	3 (0.0%)	1 (0.0%)	0 (0.0%)
20-29	35 (0.2%)	20 (0.1%)	15 (0.1%)	0 (0.0%)
30-39	76 (0.3%)	51 (0.2%)	25 (0.1%)	0 (0.0%)
40-49	174 (0.8%)	108 (0.5%)	66 (0.3%)	0 (0.0%)
50-59	590 (2.7%)	356 (1.6%)	234 (1.1%)	0 (0.0%)
60-69	1,700 (7.7%)	1,068 (4.8%)	632 (2.9%)	0 (0.0%)
70-79	4,206 (19.1%)	2,500 (11.3%)	1,706 (7.7%)	0 (0.0%)
80+	15,287 (69.3%)	6,646 (30.1%)	8,641 (39.1%)	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:

2021-03-10