



Coronavirus disease 2019 (COVID-19): Epidemiology update

Updated: March 3, 2021, 7 pm EST

Key updates as of March 3, 2021, 7 pm EST

Cases today

Total cases

2,812 **875,559**

Active cases

Total recovered

29,930 **823,524**

Deaths today

Total deaths

60 **22,105**

Tests performed today

Total tests performed

Percent positive (total)

Tests performed per million

55,592

24,676,396

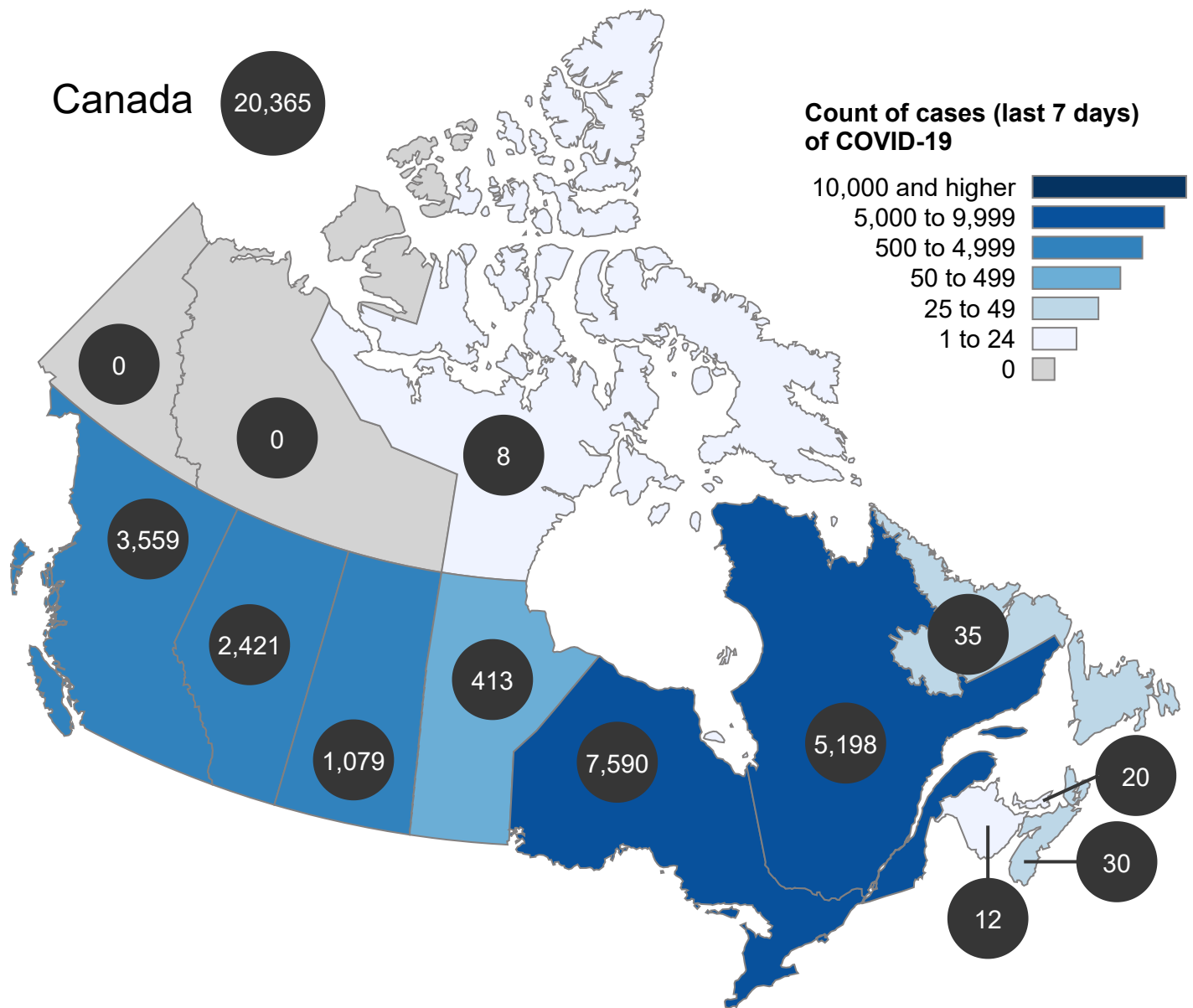
3.7%

649,289

- 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 (67.8%) and deaths (78.9%) have been reported by Ontario and Quebec.
- Of the jurisdictions reporting updates (n=13) no new cases have been reported in 3 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. of of COVID-19, by as of March 3, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **20,365** as of March 3, 2021.

This information is based on data from our provincial and territorial partners. It is current as of March 3, 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 3, 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	875,559	2,304	20,365	54	29,930	79	823,524	22,105	58	299	1	24,676,396	649,289
British Columbia	81,909	1,591	3,559	69	4,718	92	75,819	1,372	27	34	1	1,941,589	377,175
Alberta	134,454	3,041	2,421	55	4,649	105	127,903	1,902	43	36	1	3,414,903	772,275
Saskatchewan	29,059	2,465	1,079	92	1,431	121	27,239	389	33	10	1	579,326	491,504
Manitoba	32,000	2,320	413	30	1,146	83	29,953	901	65	14	1	535,163	388,006
Ontario	303,763	2,062	7,590	52	10,397	71	286,352	7,014	48	121	1	10,964,481	744,161
Quebec	289,670	3,378	5,198	61	7,336	86	271,908	10,426	122	81	1	6,320,910	737,169
Newfoundland and Labrador	997	191	35	7	153	29	838	6	1	1	0	199,347	381,815
New Brunswick	1,438	184	12	2	38	5	1,372	28	4	2	0	238,399	305,062
Nova Scotia	1,646	168	30	3	30	3	1,551	65	7	0	0	343,260	350,497
Prince Edward Island	137	86	20	13	22	14	115	0	0	0	0	107,377	672,683
Yukon	72	171	0	0	0	0	71	1	2	0	0	8,183	194,592
Northwest Territories	42	93	0	0	2	4	40	0	0	0	0	14,664	324,705
Nunavut	359	912	8	20	8	20	350	1	3	0	0	8,718	221,533

[†] Rate per 1,000,000 population

^{*} Rate per 100,000 population

Figure 1b.

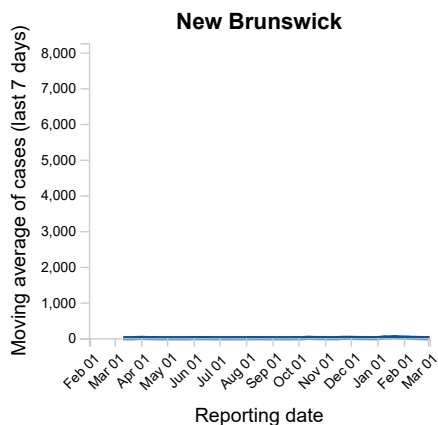
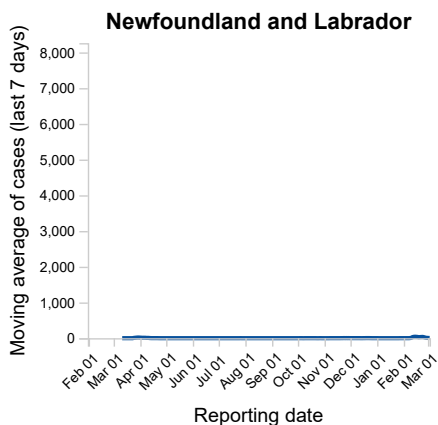
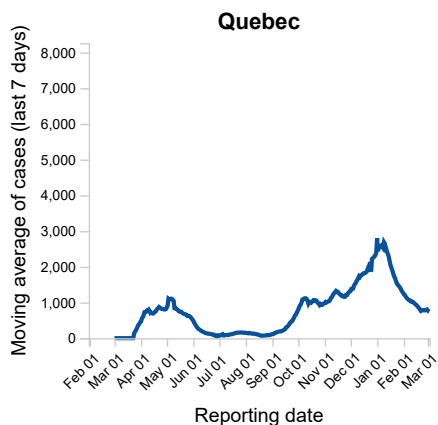
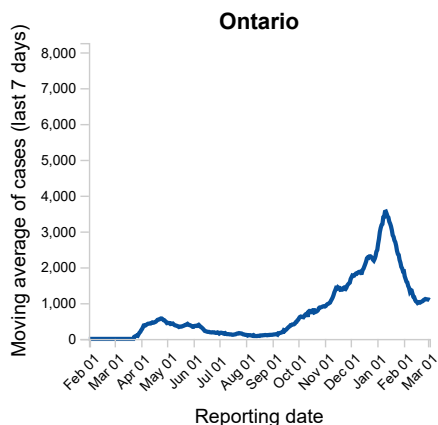
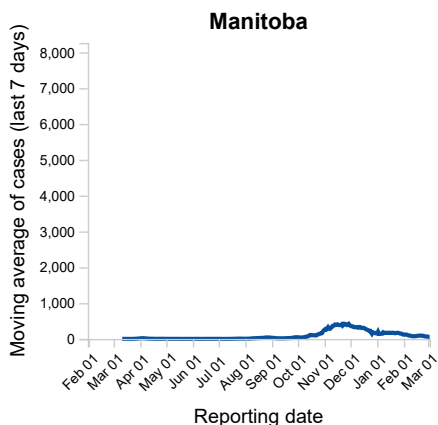
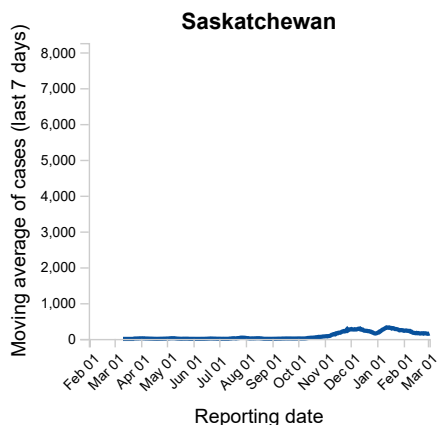
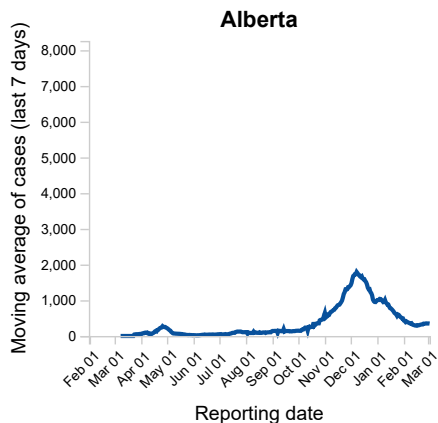
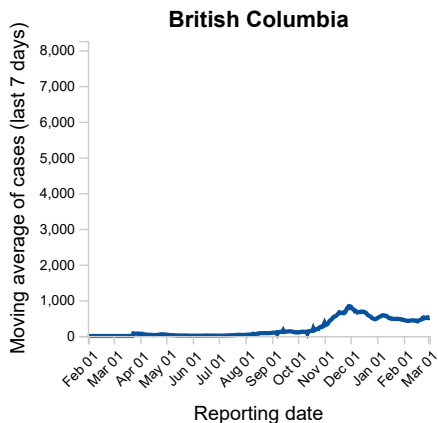
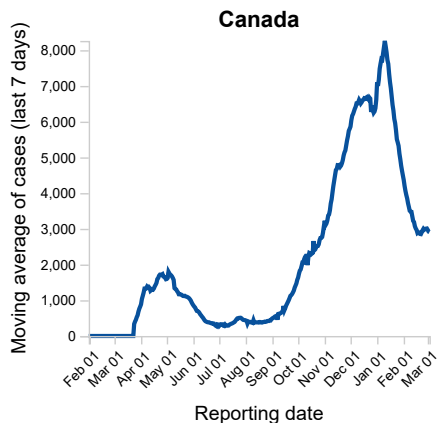
Moving average

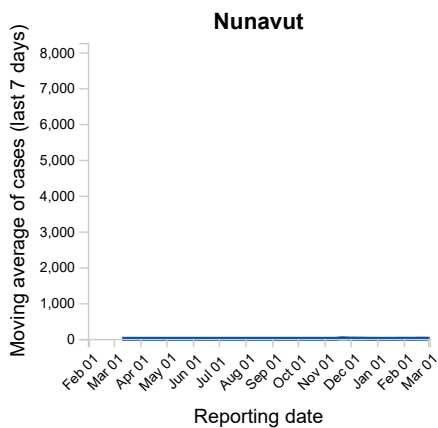
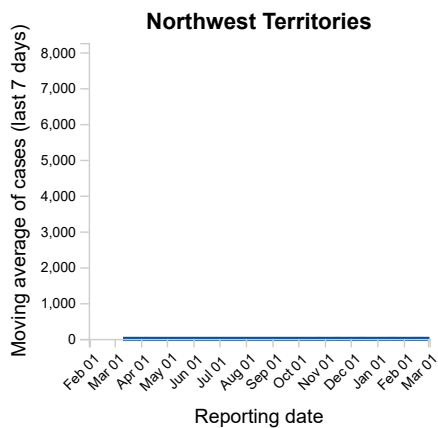
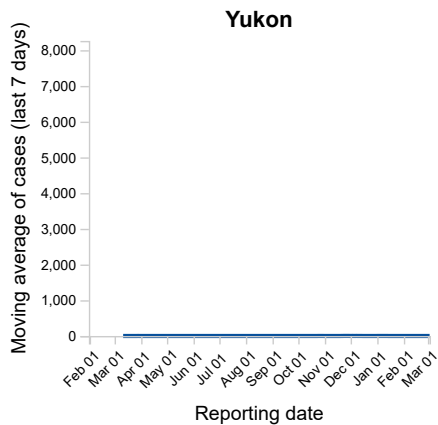
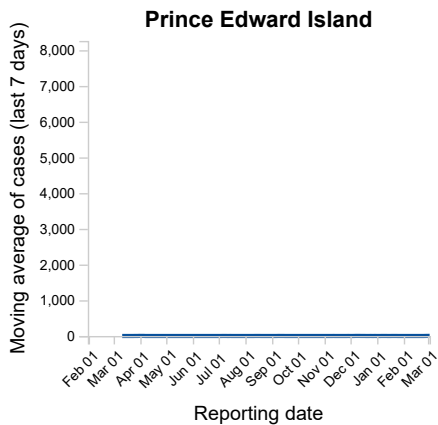
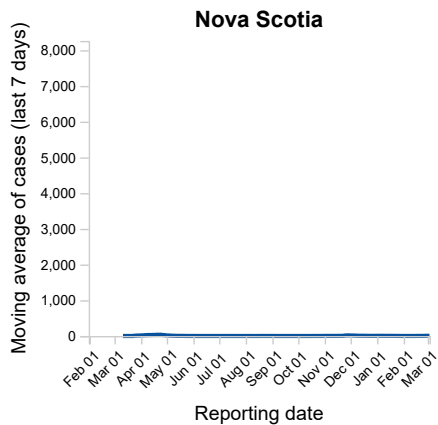
 of

cases (last 7 days)

 of COVID-19 in Canada as of March 3, 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 **24,676,396** tests performed for COVID-19 in Canada. This corresponds to a test rate of **649,289 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 3, 2021, 7 pm EST

Location	New cases	New deaths	Tests performed
Canada	2,812	60	55,592
British Columbia	542	7	6,415
Alberta	402	12	5,864
Saskatchewan	121	2	2,175
Manitoba	50	3	1,323
Ontario	958	17	30,767
Quebec	729	19	N/A
Newfoundland and Labrador	3	0	485
New Brunswick	3	0	617
Nova Scotia	3	0	5,146
Prince Edward Island	1	0	2,662
Yukon	0	0	11
Northwest Territories	0	0	105
Nunavut	0	0	22

* 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 3, 2021

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	1,367	104	3
Newfoundland and Labrador	19	0	0
Prince Edward Island	3	0	0
Nova Scotia	6	1	0
New Brunswick	6	0	0
Quebec	94	41	0
Ontario	552	27	3
Manitoba	6	2	0
Saskatchewan	5	1	0
Alberta	500	8	0
British Columbia	176	24	0
Yukon	0	0	0
Northwest Territories	0	0	0
Nunavut	0	0	0

Note: Data current to March 3, 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 January 29, 2021, 7 pm EST, the Public Health Agency of Canada has received detailed case report data on 856,666 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=0 ¹) in Canada by date of illness onset ² as of January 29, 2021, 7 pm EST (total cases)

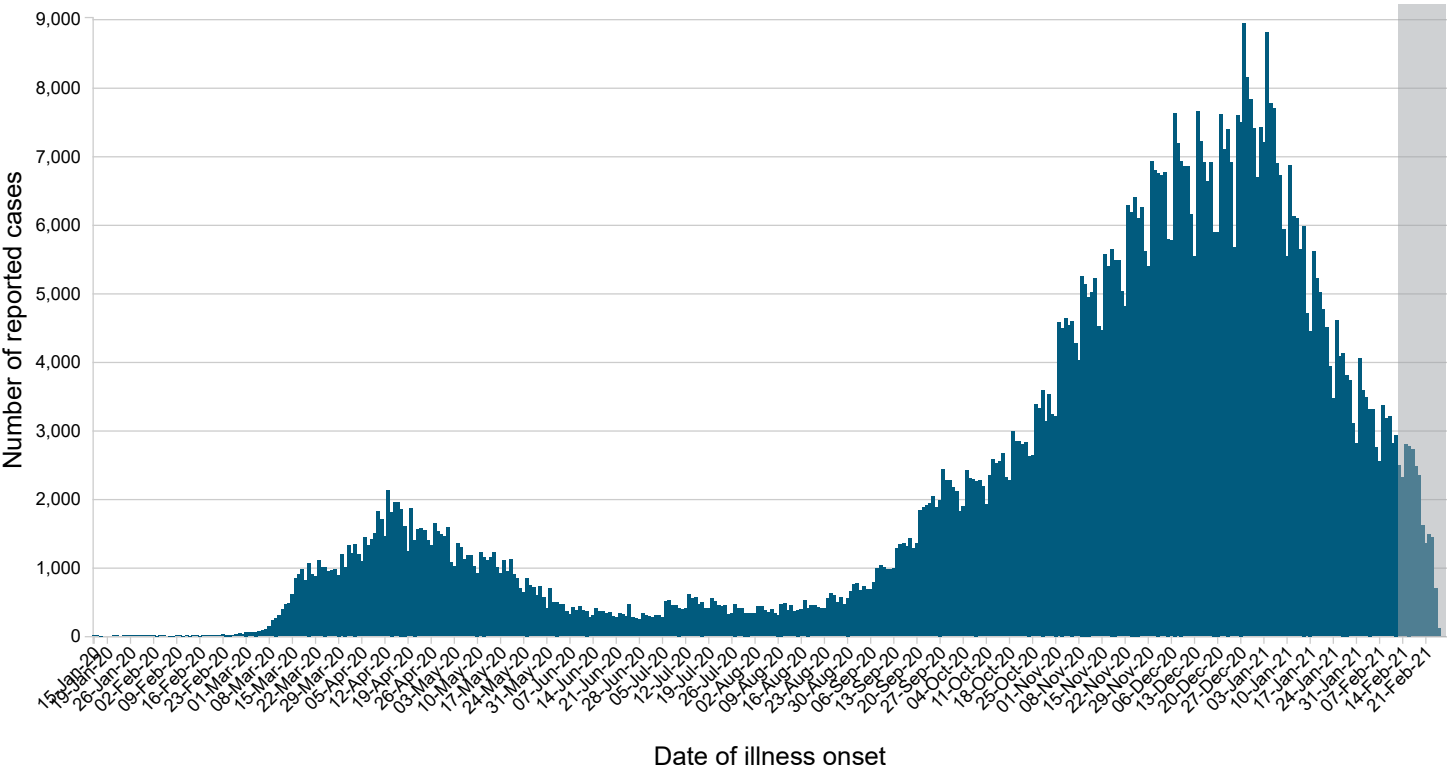


Figure 2. COVID-19 cases (n=0 ¹) in Canada by date of illness onset ² as of January 29, 2021, 7 pm EST (by exposure)

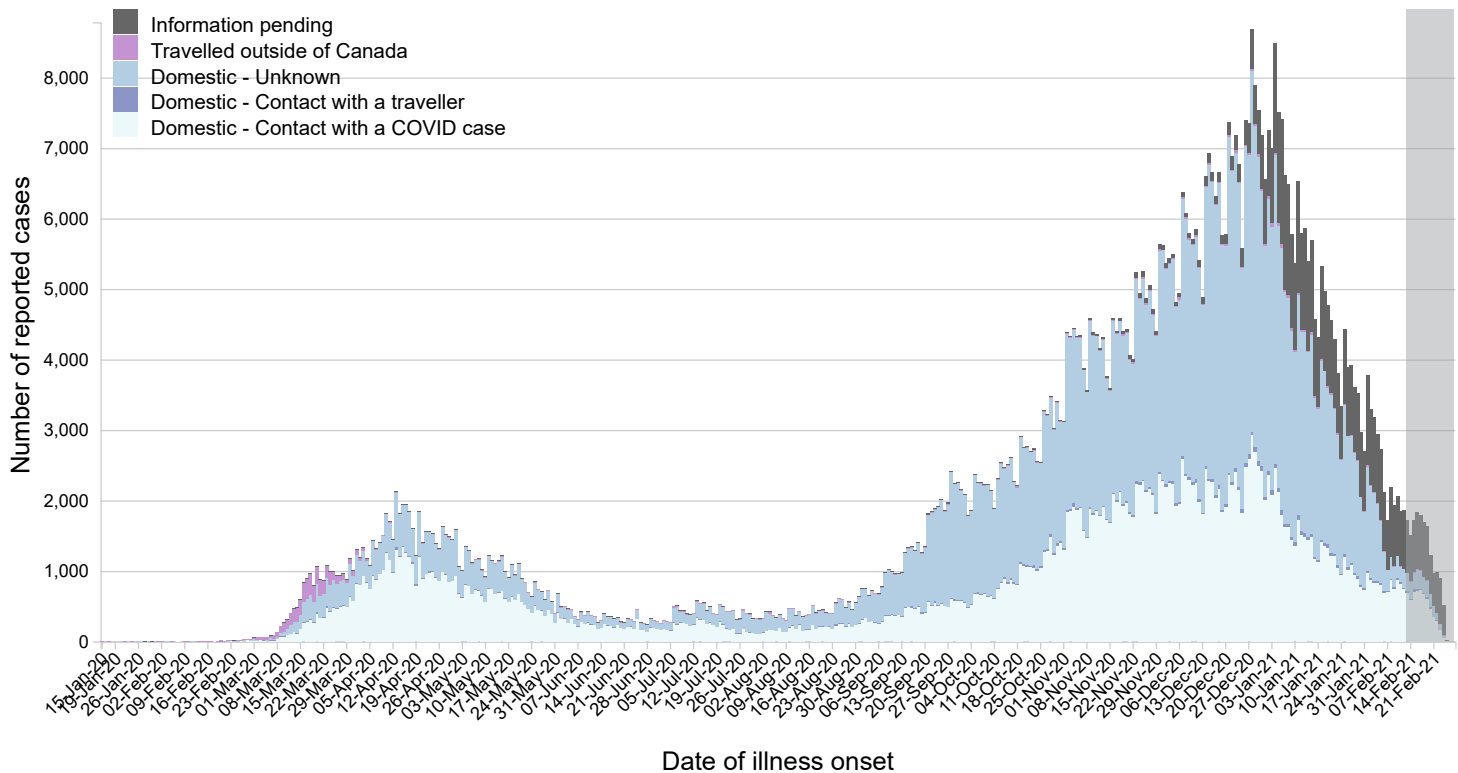


Figure 2. COVID-19 cases (n=856,457 ¹) in Canada by date of illness onset ² as of January 29, 2021, 7 pm EST (by age - 10 year groups)

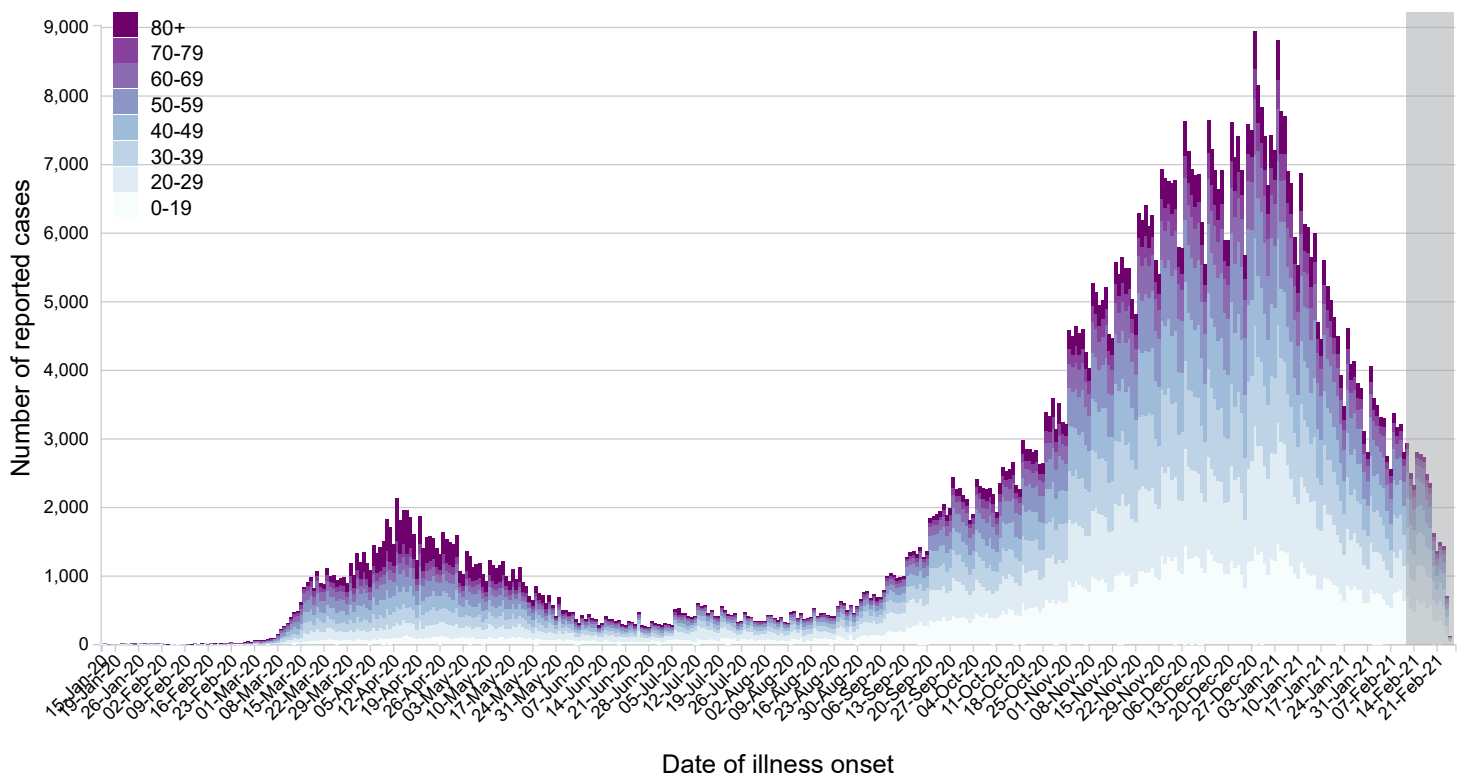
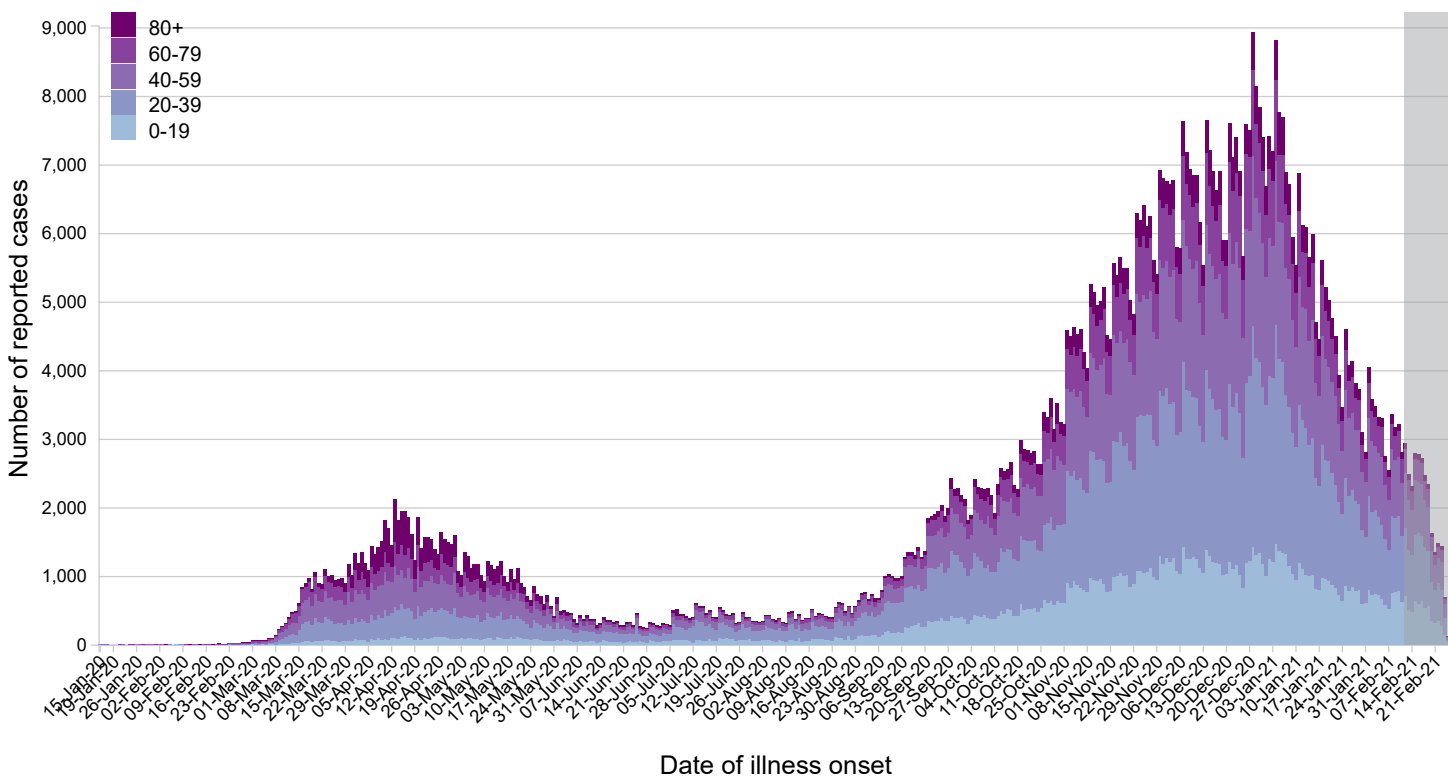


Figure 2. COVID-19 cases (n=856,457 ¹) in Canada by date of illness onset ² as of January 29, 2021, 7 pm EST (by age - 20 year groups)



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.

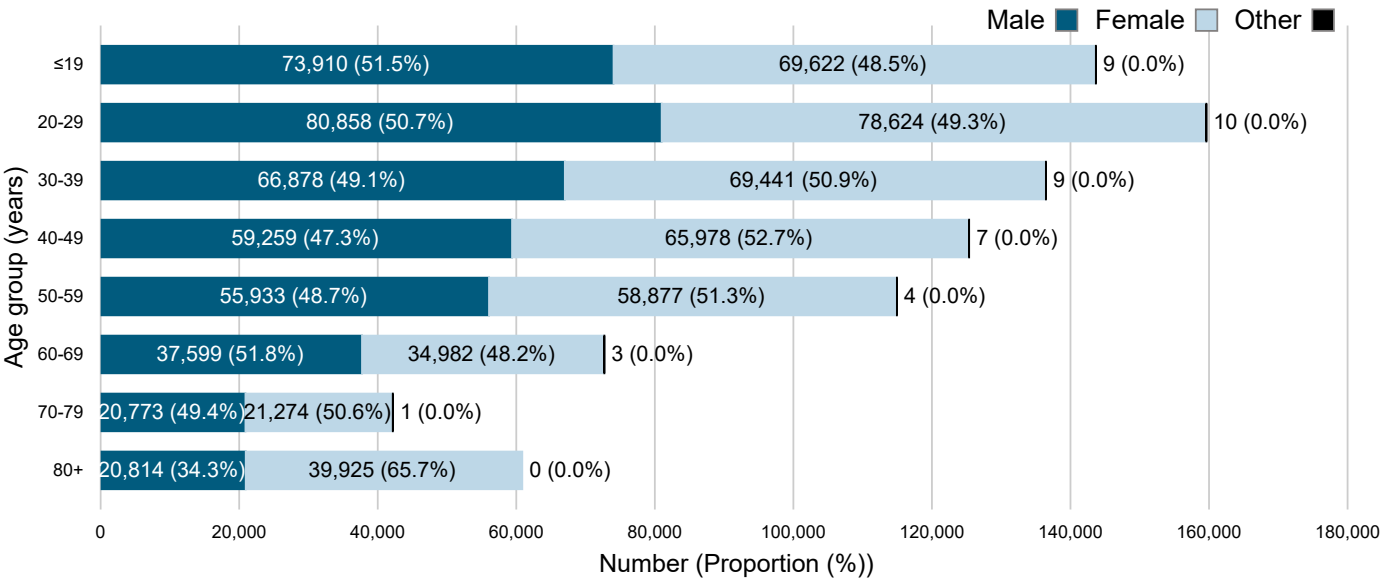
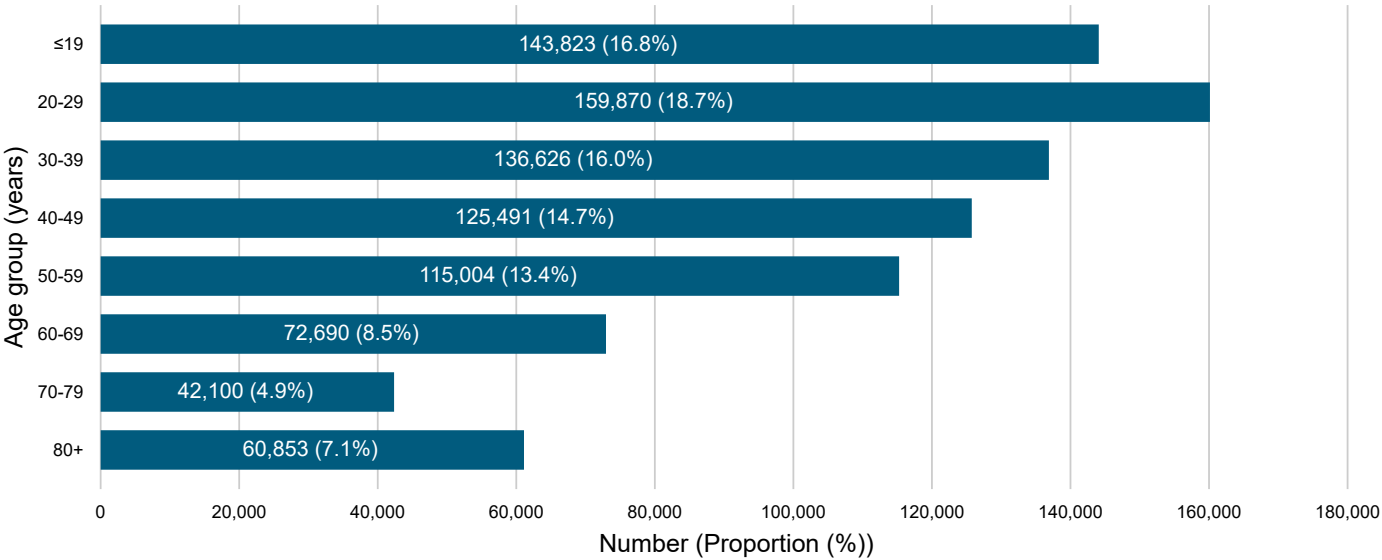
This figure may be an underestimate of the total number of cases among returning travelers as exposure history are not available for all cases and not all jurisdictions have consistently reported exposure history to PHAC throughout the COVID-19 pandemic.

Demographics

Detailed case report data were provided on 856,666 cases; age information was available for 856,457 (99.98%) cases, and both age and sex were available for 854,790 (99.78%) cases.

Of the COVID-19 cases reported in Canada to date, approximately half (51.3%) are female. Approximately one-fifth (20.5%) of cases are 60 years old and over (Figure 3).

Figure 3. **Age** distribution of COVID-19 cases (n=856,457¹) in Canada as of January 29, 2021, 7 pm EST³



Age by sex ³ distribution of COVID-19 cases (n=856,457 ¹) in Canada, January 29, 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	143,823 (16.8%)	73,910 (17.8%)	69,622 (15.9%)	9 (20.9%)
20-29	159,870 (18.7%)	80,858 (19.4%)	78,624 (17.9%)	10 (23.3%)
30-39	136,626 (16.0%)	66,878 (16.1%)	69,441 (15.8%)	9 (20.9%)
40-49	125,491 (14.7%)	59,259 (14.2%)	65,978 (15.0%)	7 (16.3%)
50-59	115,004 (13.4%)	55,933 (13.4%)	58,877 (13.4%)	4 (9.3%)
60-69	72,690 (8.5%)	37,599 (9.0%)	34,982 (8.0%)	3 (7.0%)
70-79	42,100 (4.9%)	20,773 (5.0%)	21,274 (4.8%)	1 (2.3%)
80+	60,853 (7.1%)	20,814 (5.0%)	39,925 (9.1%)	0 (0.0%)

Exposure setting

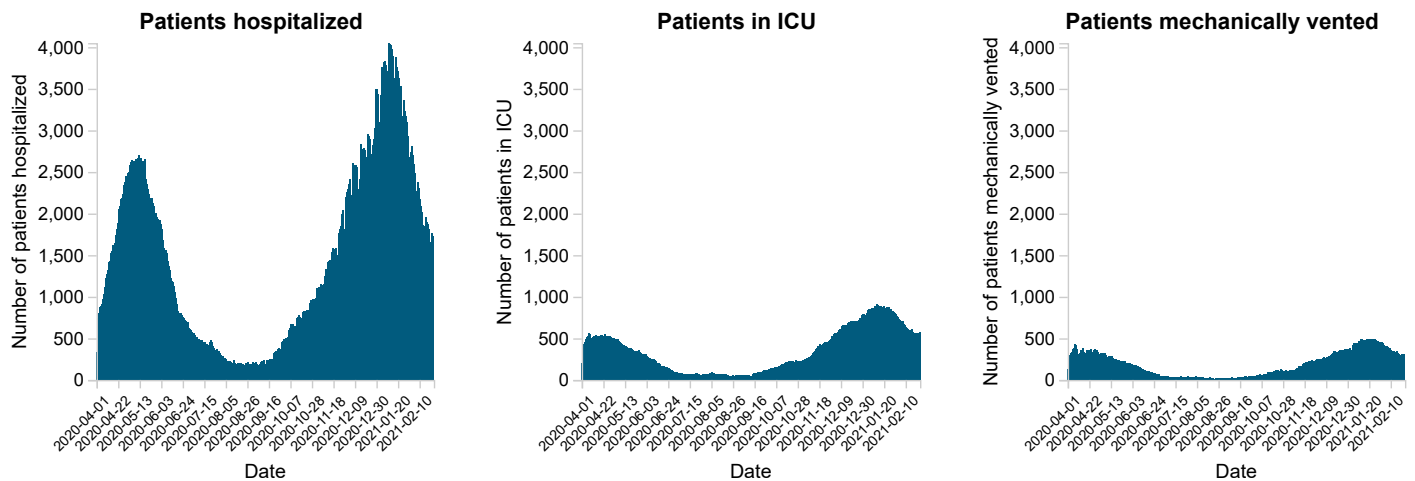
In Canada ▼, detailed case report data were provided on 856,666 cases; exposure history was available for 97,911 (98%) cases. The probable exposure setting of these reported cases ¹ are:

- domestic acquisition (defined as any exposure that occurred within Canada): **717,379 (91.0%)**
 - from contact with a COVID case: **303,542 (38.5%)**
 - from contact with a traveller: **6,333 (0.8%)**
 - from an unknown source: **407,504 (51.7%)**
- currently unknown (information pending): **63,356 (8.0%)**
- travelled outside of Canada: **8,013 (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 February 23, 2021



Between February 16, 2021 and February 23, 2021:

- The number of **hospital beds** occupied by COVID-19 patients **decreased** from **1,956** to **1,729** beds.
- The number of **ICU beds** occupied by COVID-19 patients **decreased** from **601** to **575** beds.
- The number of **COVID-19 patients who were mechanically vented** decreased from **340** to **303** beds.

Hospitalizations To Date

Detailed case report data were provided on 856,666 cases; hospitalization status information was available for 616,666 (72.0%) of these cases:

- **47,354 cases (7.7%)** were hospitalized, of whom:
 - **8,417 (17.8%)** were admitted to the ICU
 - **1,539 (3.2%)** required mechanical ventilation

Detailed case report forms have been received from provinces and territories for **21,834** deaths related to COVID-19.

Figure 5a. Age and gender³ distribution of COVID-19 cases hospitalized in Canada as of January 29, 2021, 7 pm EST (n=47,304¹)

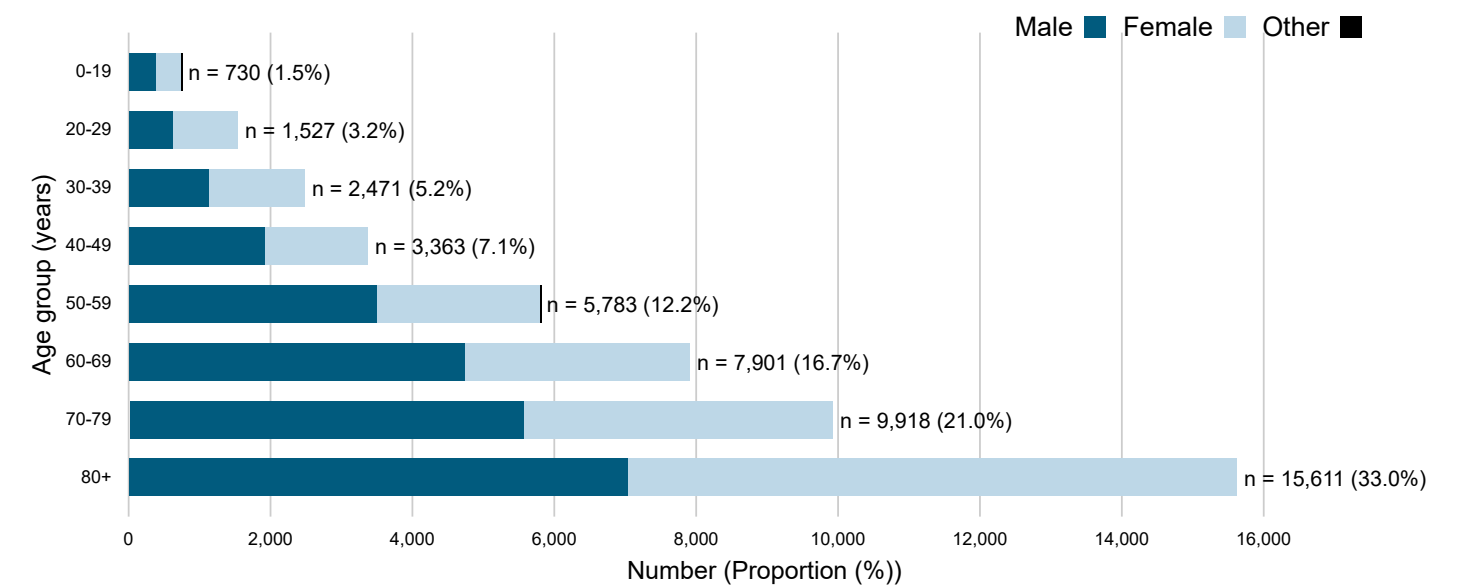


Figure 5b. Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of January 29, 2021, 7 pm EST (n=8,407 ¹)

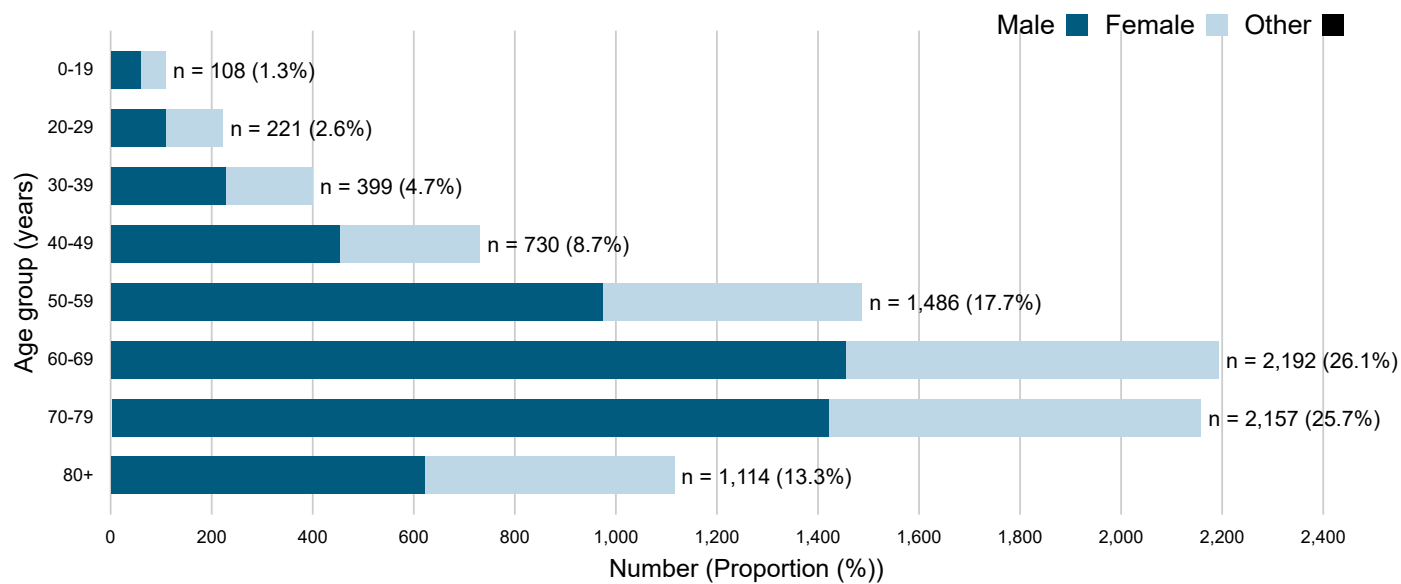
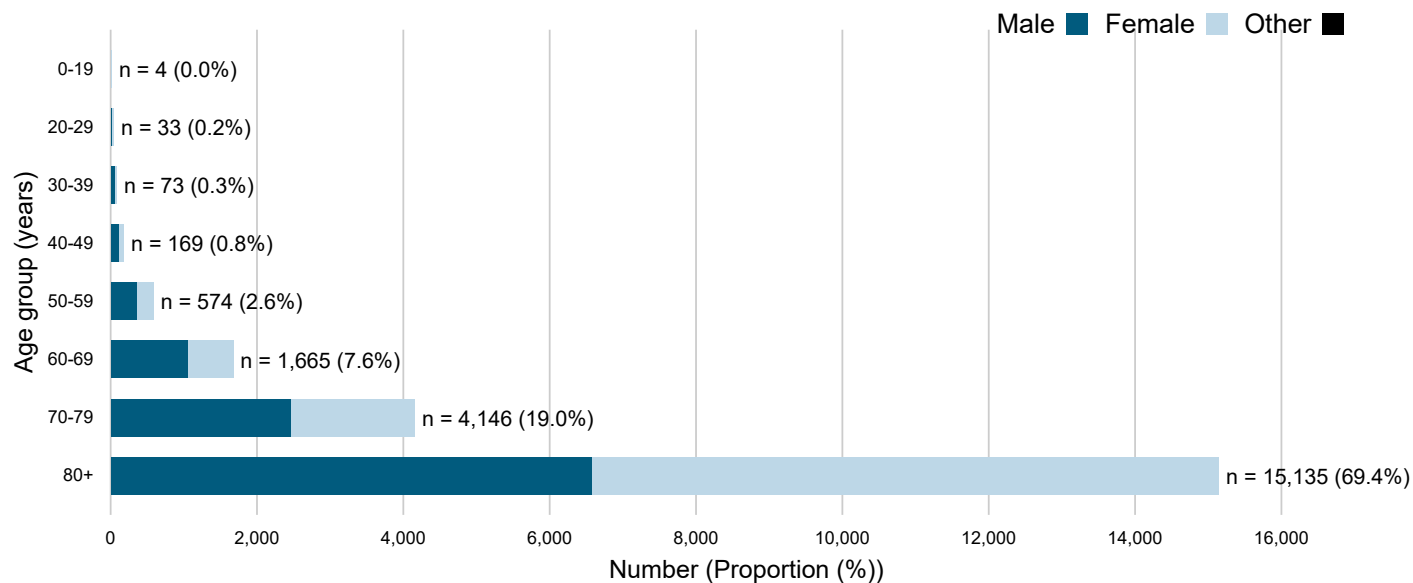


Figure 5c. Age and gender ³ distribution of COVID-19 cases deceased in Canada as of January 29, 2021, 7 pm EST (n=21,799 ¹)



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 January 29, 2021, 7 pm EST (n=47,304 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	730 (1.5%)	376 (0.8%)	353 (0.7%)	1 (0.0%)
20-29	1,527 (3.2%)	623 (1.3%)	904 (1.9%)	0 (0.0%)
30-39	2,471 (5.2%)	1,123 (2.4%)	1,348 (2.8%)	0 (0.0%)
40-49	3,363 (7.1%)	1,912 (4.0%)	1,451 (3.1%)	0 (0.0%)
50-59	5,783 (12.2%)	3,492 (7.4%)	2,290 (4.8%)	1 (0.0%)
60-69	7,901 (16.7%)	4,740 (10.0%)	3,161 (6.7%)	0 (0.0%)
70-79	9,918 (21.0%)	5,567 (11.8%)	4,351 (9.2%)	0 (0.0%)
80+	15,611 (33.0%)	7,030 (14.9%)	8,581 (18.1%)	0 (0.0%)

Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of January 29, 2021, 7 pm EST (n=8,407 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	108 (1.3%)	59 (0.7%)	49 (0.6%)	0 (0.0%)
20-29	221 (2.6%)	109 (1.3%)	112 (1.3%)	0 (0.0%)
30-39	399 (4.7%)	227 (2.7%)	172 (2.0%)	0 (0.0%)
40-49	730 (8.7%)	453 (5.4%)	277 (3.3%)	0 (0.0%)
50-59	1,486 (17.7%)	974 (11.6%)	512 (6.1%)	0 (0.0%)
60-69	2,192 (26.1%)	1,455 (17.3%)	737 (8.8%)	0 (0.0%)
70-79	2,157 (25.7%)	1,421 (16.9%)	736 (8.8%)	0 (0.0%)
80+	1,114 (13.3%)	621 (7.4%)	493 (5.9%)	0 (0.0%)

Age and gender ³ distribution of COVID-19 cases deceased in Canada as of January 29, 2021, 7 pm EST (n=21,799 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	33 (0.2%)	19 (0.1%)	14 (0.1%)	0 (0.0%)
30-39	73 (0.3%)	48 (0.2%)	25 (0.1%)	0 (0.0%)
40-49	169 (0.8%)	104 (0.5%)	65 (0.3%)	0 (0.0%)
50-59	574 (2.6%)	344 (1.6%)	230 (1.1%)	0 (0.0%)
60-69	1,665 (7.6%)	1,044 (4.8%)	621 (2.8%)	0 (0.0%)
70-79	4,146 (19.0%)	2,464 (11.3%)	1,682 (7.7%)	0 (0.0%)
80+	15,135 (69.4%)	6,577 (30.2%)	8,558 (39.3%)	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:

2021-03-03