



Coronavirus disease 2019 (COVID-19): Epidemiology update

Updated: April 1, 2021, 7 pm EDT

Key updates as of April 1, 2021, 7 pm EDT

Cases today

Total cases

5,808 **987,918**

Active cases

Total recovered

49,568 **915,348**

Deaths today

Total deaths

43 **23,002**

Tests performed today

Total tests performed

Percent positive (total)

Tests performed per million

128,324

27,770,015

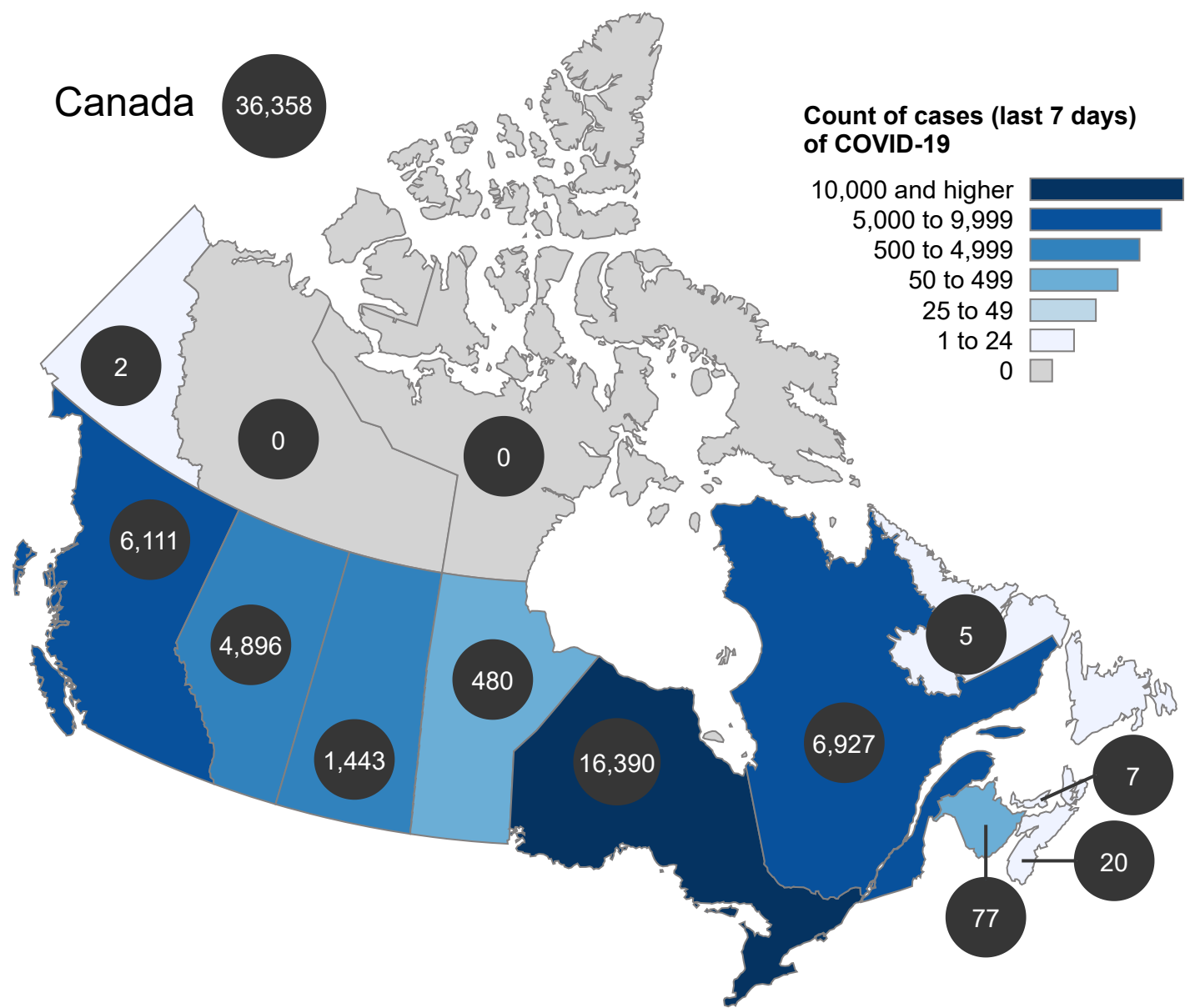
3.7%

730,689

- The following sections of this page are updated once per day in the evening at 7:00 PM EDT: Key updates, Current situation and National overview.
- The following sections of this page will be updated weekly on Fridays (excluding statutory holidays): Epidemic curve, Demographics, Exposure setting and Hospitalizations, intensive care unit (ICU), mechanical ventilation and deaths.
- The majority of cases (67.3%) and deaths (78.5%) have been reported by Ontario and Quebec.
- Of the jurisdictions reporting updates (n=13) no new cases have been reported in 3 provinces 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 April 1, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **36,358** as of April 1, 2021.

This information is based on data from our provincial and territorial partners. It is current as of April 1, 2021, 7 pm EDT. 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 1, 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	987,918	2,599	36,358	96	49,568	130	915,348	23,002	61	212	1	27,770,015	730,689
British Columbia	100,880	1,960	6,111	119	7,685	149	91,732	1,463	28	17	0	2,186,765	424,803
Alberta	149,207	3,374	4,896	111	8,653	196	138,560	1,994	45	18	0	3,696,615	835,983
Saskatchewan	33,789	2,867	1,443	122	1,949	165	31,404	436	37	14	1	664,534	563,795
Manitoba	34,174	2,478	480	35	1,179	85	32,058	937	68	8	1	591,171	428,614
Ontario	352,460	2,392	16,390	111	20,875	142	324,196	7,389	50	109	1	12,400,039	841,593
Quebec	312,362	3,643	6,927	81	9,038	105	292,648	10,676	125	46	1	7,157,570	834,744
Newfoundland and Labrador	1,020	195	5	1	8	2	1,006	6	1	0	0	220,762	422,832
New Brunswick	1,623	208	77	10	142	18	1,451	30	4	0	0	265,890	340,241
Nova Scotia	1,719	176	20	2	24	2	1,629	66	7	0	0	426,492	435,484
Prince Edward Island	160	100	7	4	13	8	147	0	0	0	0	125,647	787,139
Yukon	74	176	2	5	2	5	71	1	2	0	0	8,562	203,605
Northwest Territories	42	93	0	0	0	0	42	0	0	0	0	16,044	355,262
Nunavut	395	1,004	0	0	0	0	391	4	10	0	0	9,848	250,248

† Rate per 1,000,000 population

* Rate per 100,000 population

Figure 1b.

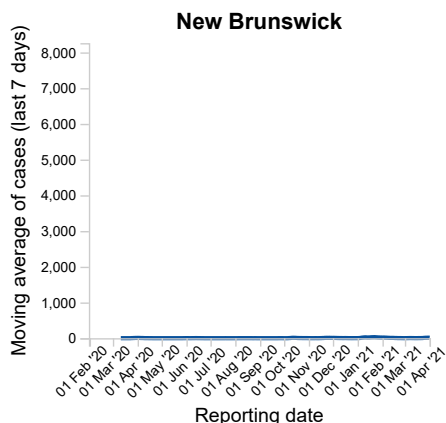
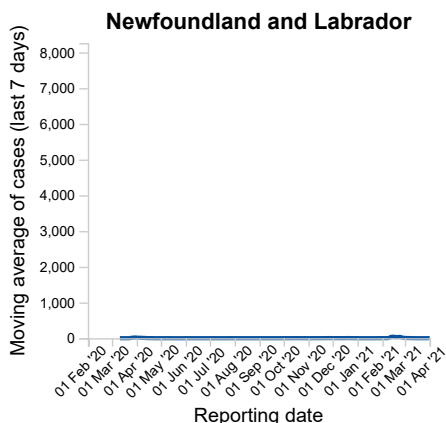
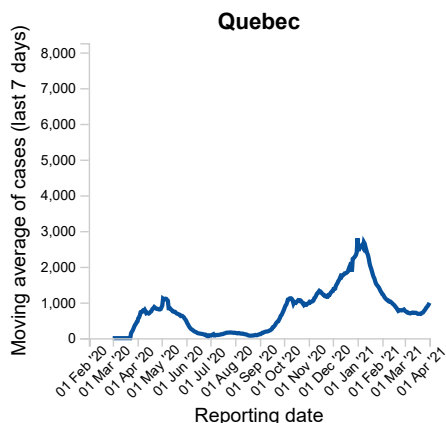
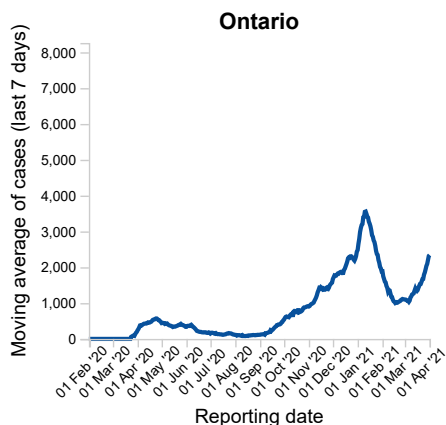
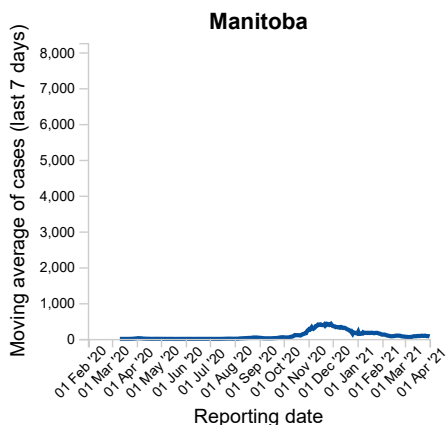
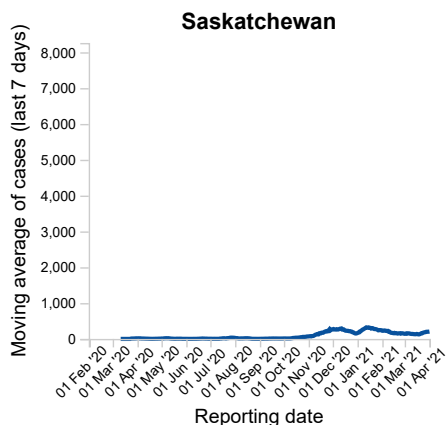
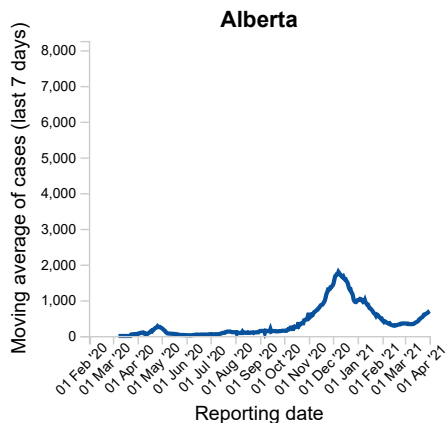
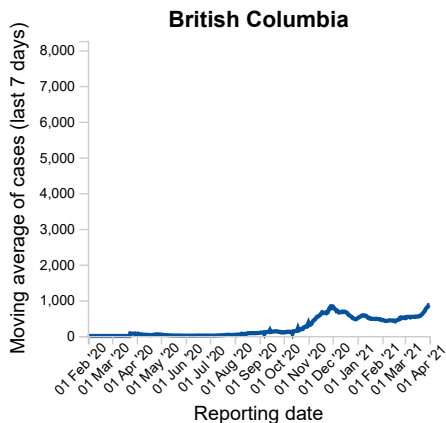
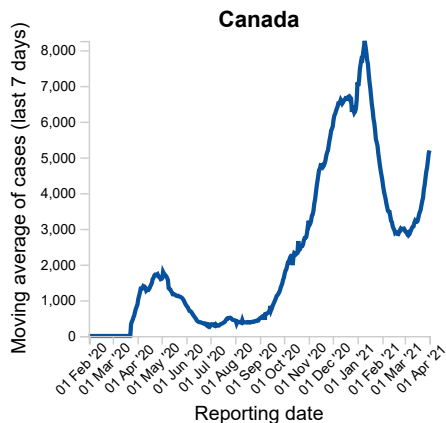
Moving average

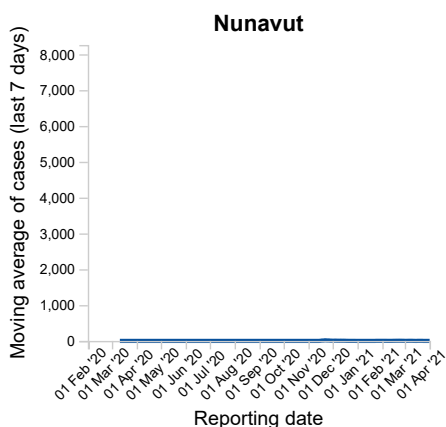
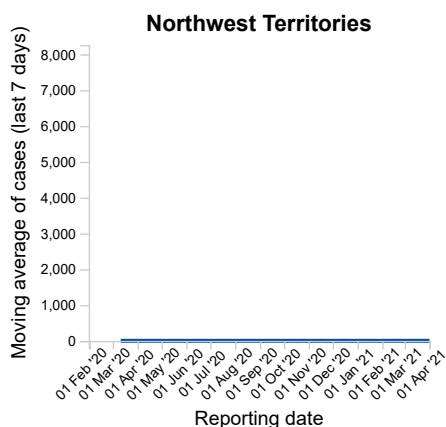
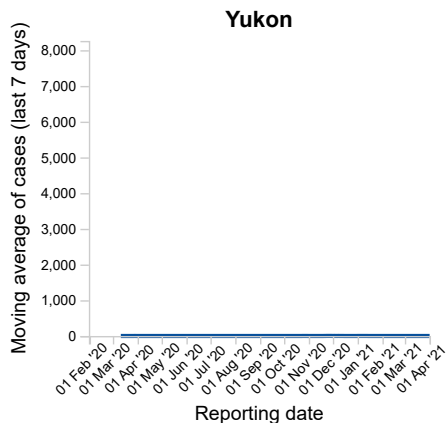
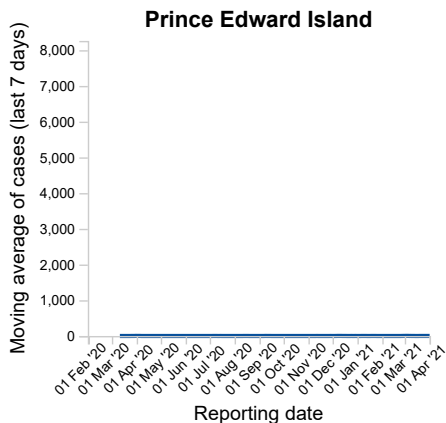
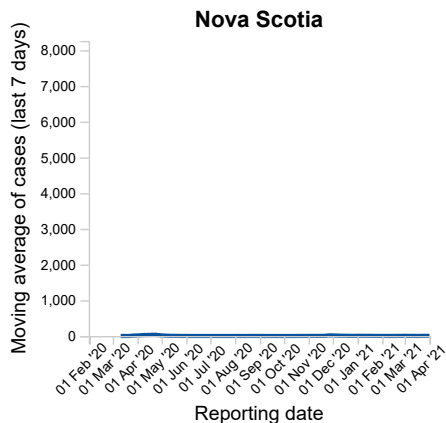
 of

cases (last 7 days)

 of COVID-19 in Canada as of April 1, 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: Laboratory test metrics are based on the number of laboratory tests performed and the percentage of tests positive. All tests are included, as well as new tests on the same person over time. Starting on March 27th, 2021, test data since January 2020 has now been added.

National overview

There have been over **27,770,015** tests performed for COVID-19 in Canada. This corresponds to a test rate of **730,689 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 April 1, 2021, 7 pm EDT

Location	New cases	New deaths	Tests performed
Canada	5,808	43	128,324
British Columbia	832	5	9,984
Alberta	875	4	13,739
Saskatchewan	199	0	2,978
Manitoba	59	2	2,280
Ontario	2,557	23	52,532
Quebec	1,271	9	39,555
Newfoundland and Labrador	1	0	591
New Brunswick	10	0	1,463
Nova Scotia	3	0	4,446
Prince Edward Island	1	0	678
Yukon	0	0	5
Northwest Territories	0	0	52
Nunavut	0	0	21

* 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.

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 April 1, 2021

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	10,856	313	483
British Columbia	2,214	50	379
Alberta	4,349	22	6
Saskatchewan	882	8	0
Manitoba	235	20	0
Ontario	1,953	67	96
Quebec	995	135	2
Newfoundland and Labrador	178	1	0
New Brunswick	28	0	0
Nova Scotia	18	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 April 1, 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 26, 2021, 9 am EDT

Epidemic curve

As of March 26, 2021, 9 am EDT, the Public Health Agency of Canada has received detailed case report data on 944,743 cases; episode date was available for 944,743 (100.0%) cases, and both exposure and episode date were available for 944,743 (100.0%) 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=944,743¹) in Canada by date of illness onset² as of March 26, 2021, 9 am EDT (total cases)

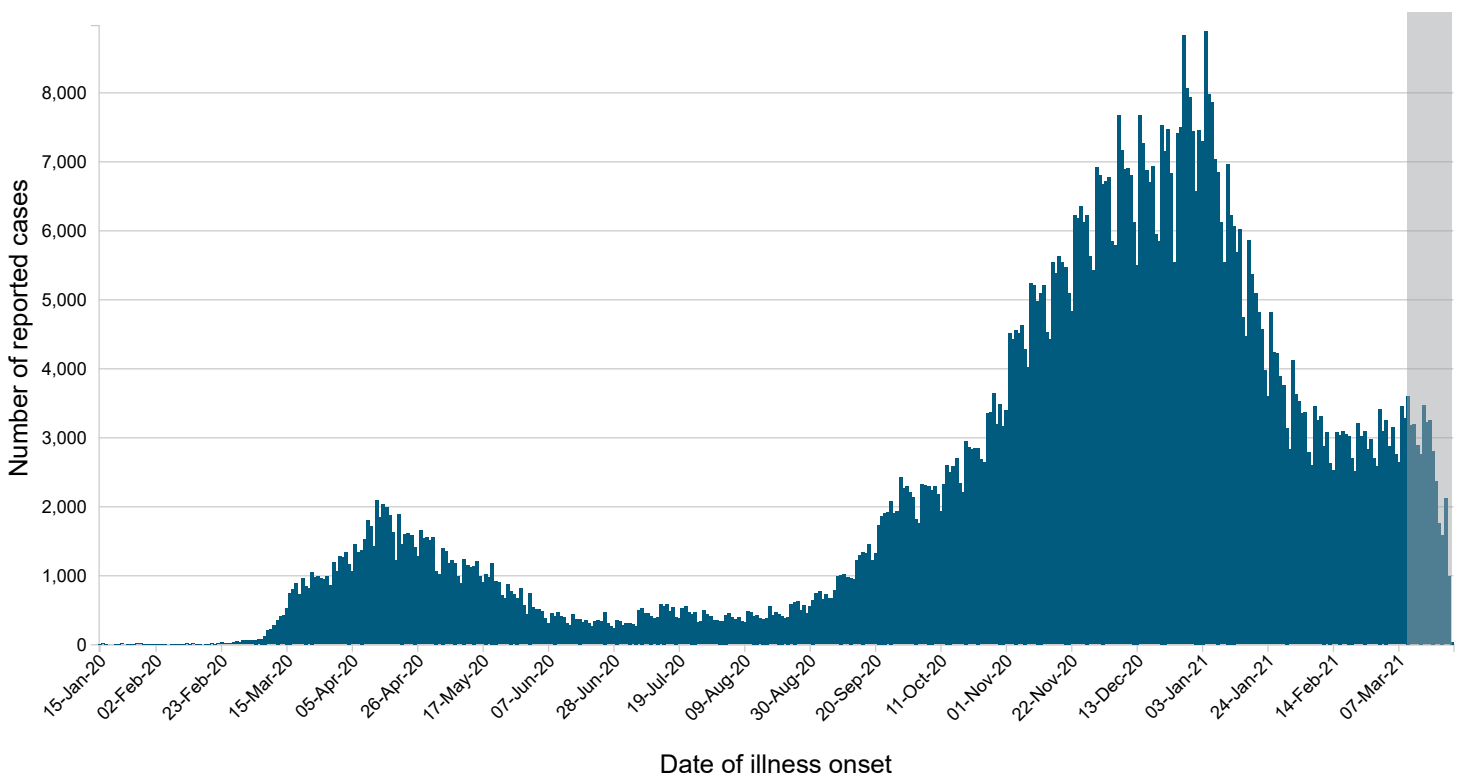


Figure 2. COVID-19 cases (n=944,743 ¹) in Canada by date of illness onset ² as of March 26, 2021, 9 am EDT (by exposure)

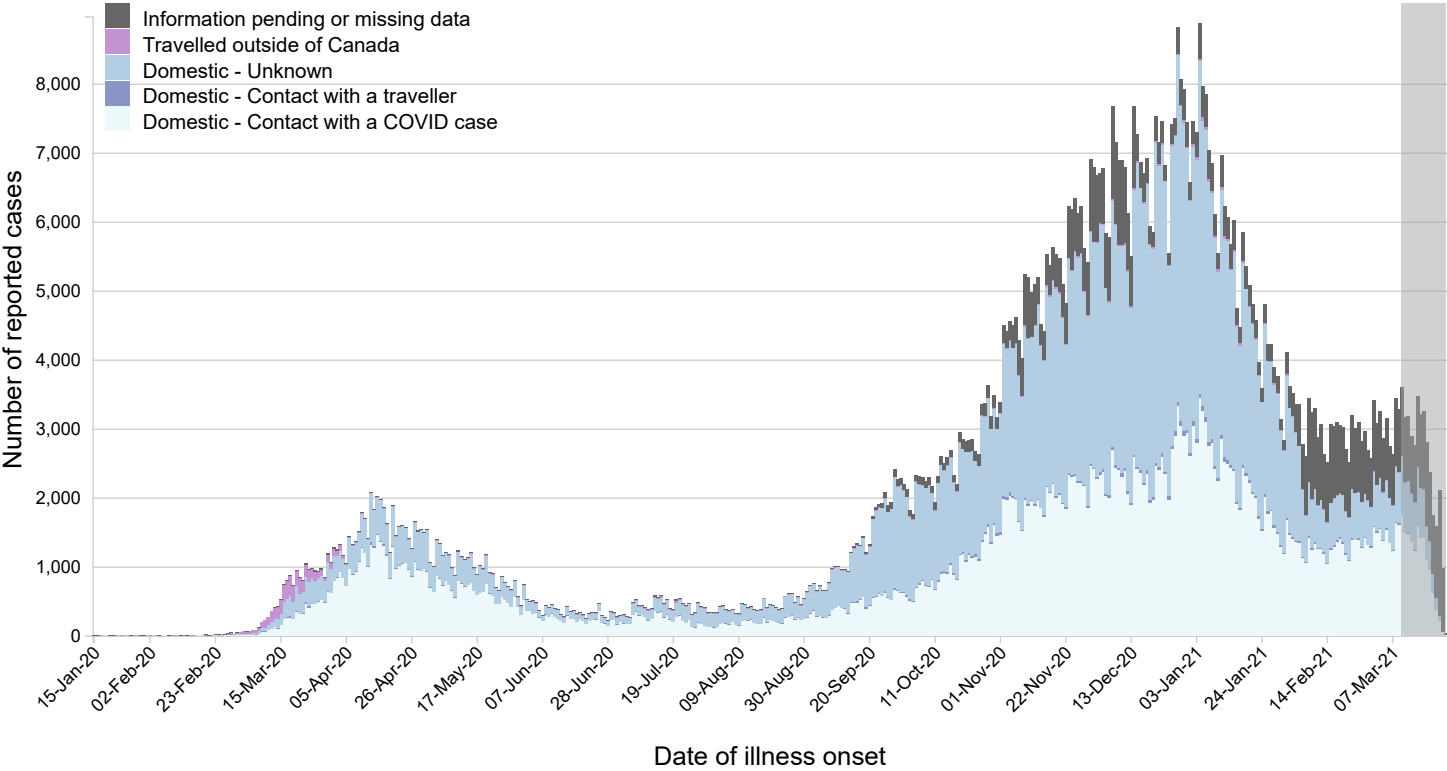


Figure 2. COVID-19 cases (n=944,491 ¹) in Canada by date of illness onset ² as of March 26, 2021, 9 am EDT (by age - 10 year groups)

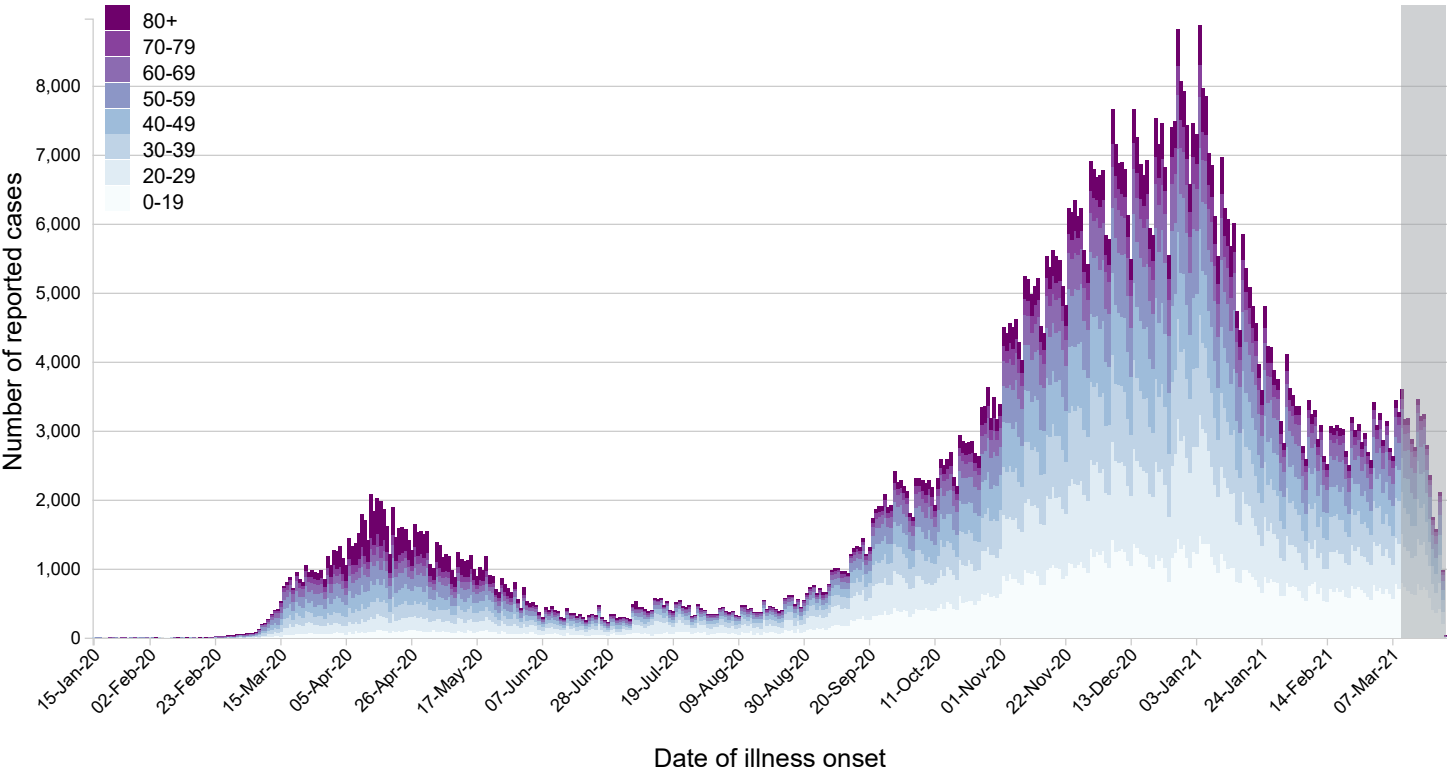
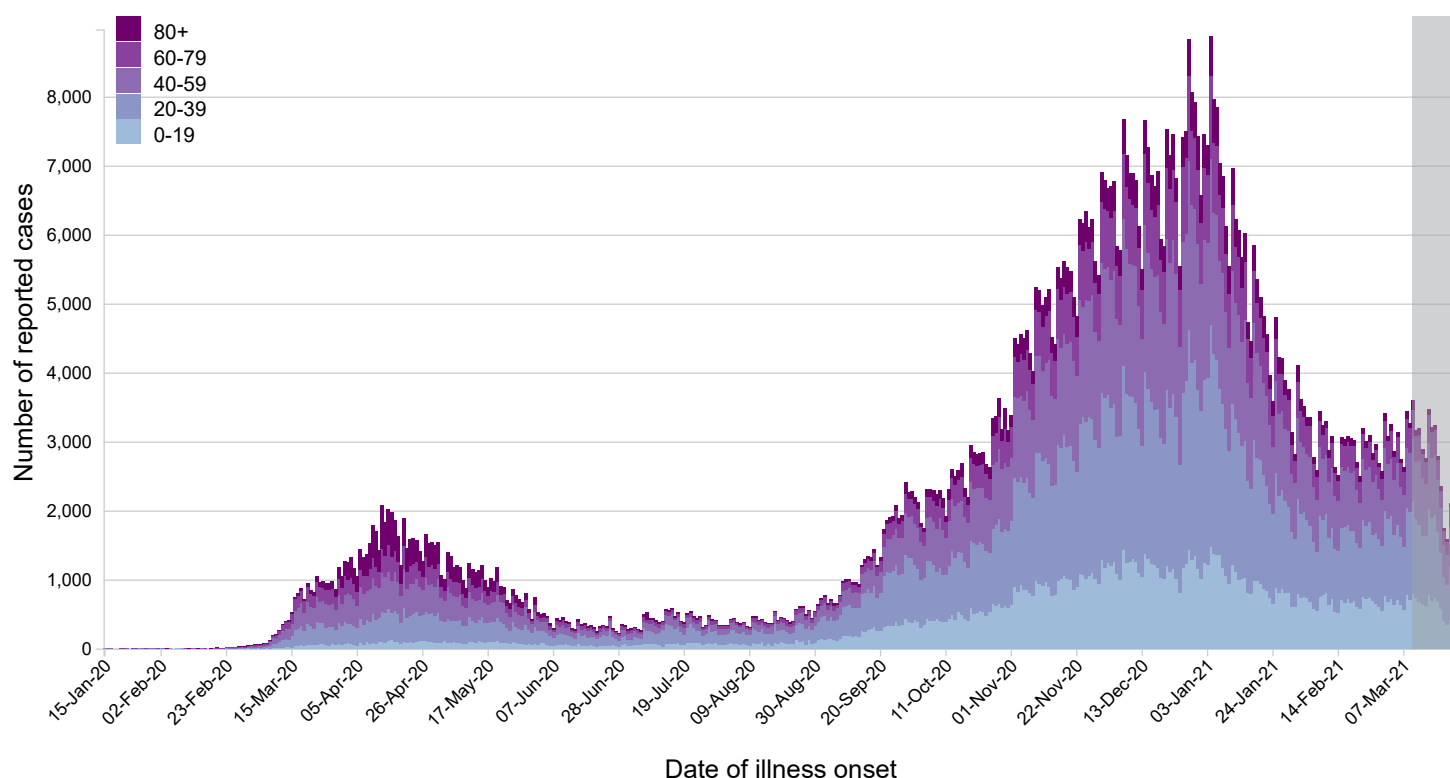


Figure 2. COVID-19 cases (n=944,491 ¹) in Canada by date of illness onset ² as of March 26, 2021, 9 am EDT (by age - 20 year groups)



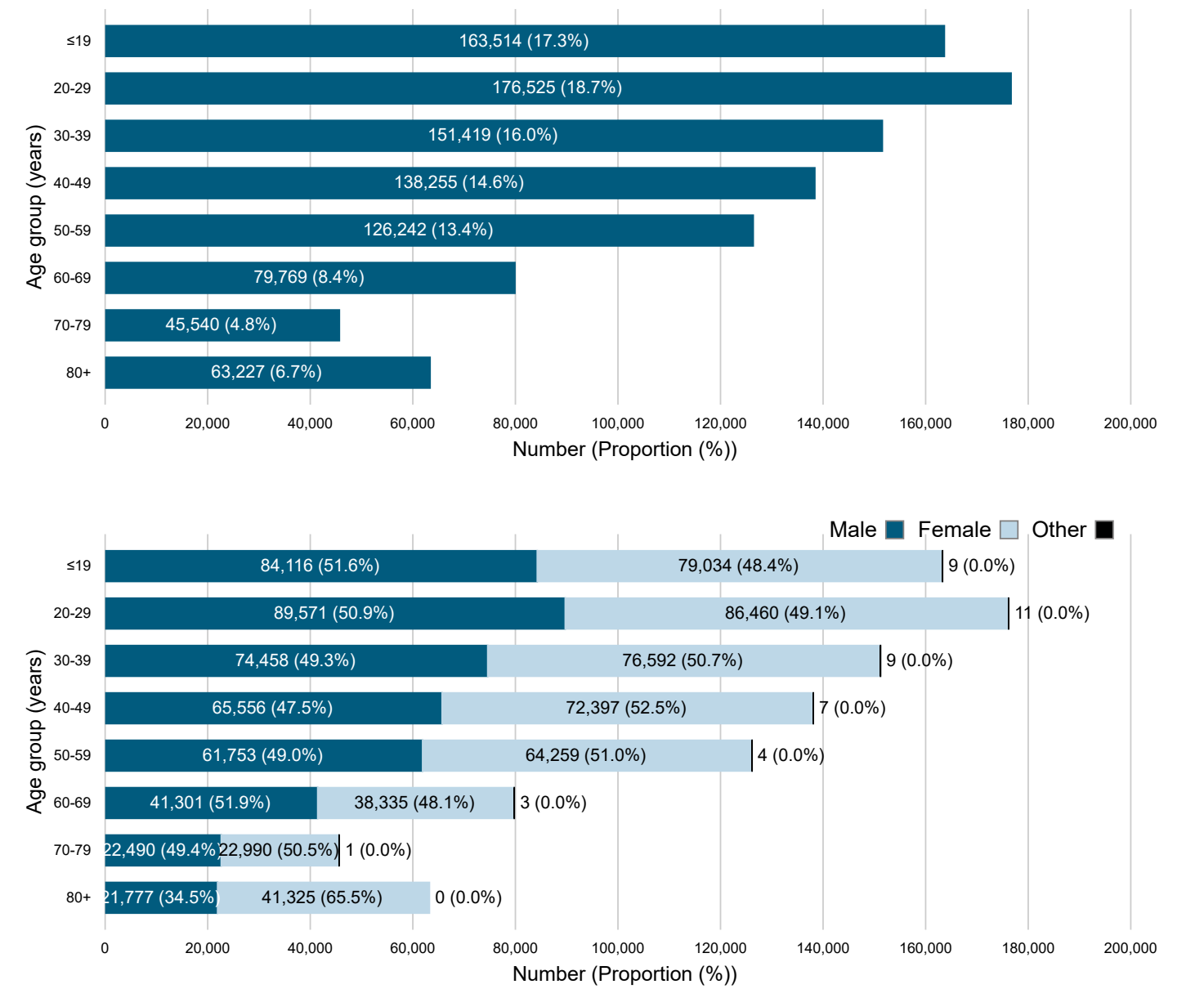
Data note: The shaded area represents a period of time (lag time) where it is expected that cases have occurred but have not yet been reported nationally.

Demographics

Detailed case report data were provided on 944,743 cases; age information was available for 944,491 (99.97%) cases, and both age and sex were available for 942,458 (99.76%) cases.

Of the COVID-19 cases reported in Canada to date, approximately half (51.1%) are female. Approximately one-fifth (20.0%) of cases are 60 years old and over (Figure 3).

Figure 3. **Age** distribution of COVID-19 cases (n=944,491¹) in Canada as of March 26, 2021, 9 am EDT⁴



Age by sex ⁴ distribution of COVID-19 cases (n=944,491 ¹) in Canada, March 26, 2021, 9 am EDT

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	163,514 (17.3%)	84,116 (18.2%)	79,034 (16.4%)	9 (20.5%)
20-29	176,525 (18.7%)	89,571 (19.4%)	86,460 (18.0%)	11 (25.0%)
30-39	151,419 (16.0%)	74,458 (16.2%)	76,592 (15.9%)	9 (20.5%)
40-49	138,255 (14.6%)	65,556 (14.2%)	72,397 (15.0%)	7 (15.9%)
50-59	126,242 (13.4%)	61,753 (13.4%)	64,259 (13.3%)	4 (9.1%)
60-69	79,769 (8.4%)	41,301 (9.0%)	38,335 (8.0%)	3 (6.8%)
70-79	45,540 (4.8%)	22,490 (4.9%)	22,990 (4.8%)	1 (2.3%)
80+	63,227 (6.7%)	21,777 (4.7%)	41,325 (8.6%)	0 (0.0%)

Exposure setting

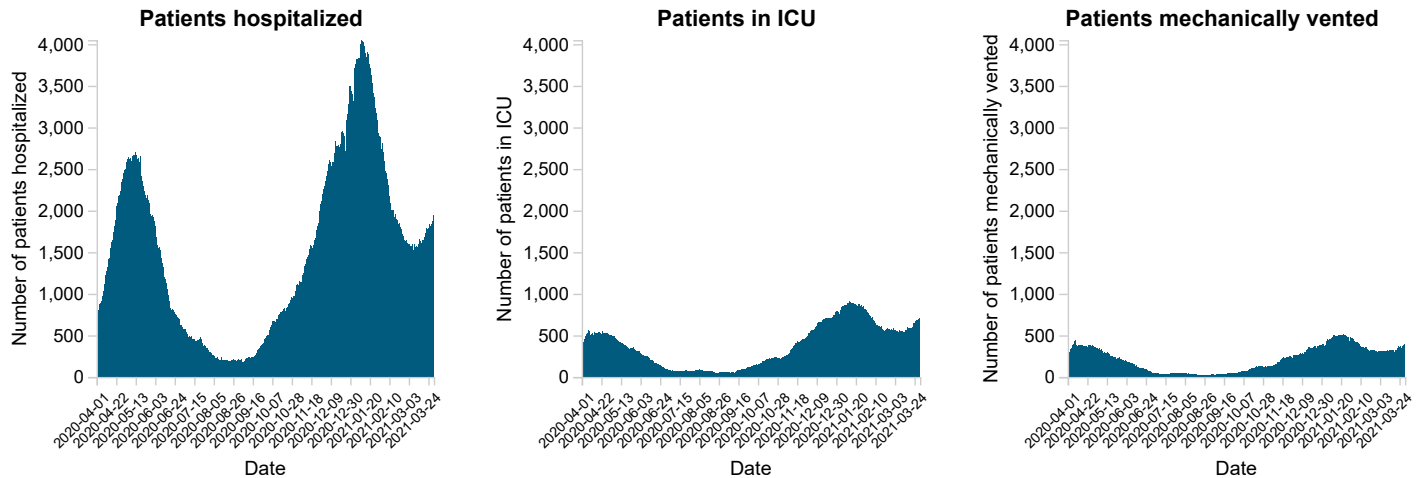
In Canada ▼, detailed case report data were provided on 944,743 cases; exposure history was available for 97,911 (98%) cases. The probable exposure setting of these reported cases ¹ are:

- domestic acquisition (defined as any exposure that occurred within Canada): **839,015 (97.1%)**
 - from contact with a COVID case: **393,321 (45.5%)**
 - from contact with a traveller: **6,636 (0.8%)**
 - from an unknown source: **439,058 (50.8%)**
- currently unknown (information pending or missing data): **16,979 (2.0%)**
- travelled outside of Canada: **8,238 (1.0%)** ³

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 29, 2021



Between March 22, 2021 and March 29, 2021:

- The number of **hospital beds** occupied by COVID-19 patients **increased** from **1,790** to **1,936** beds.
- The number of **ICU beds** occupied by COVID-19 patients **increased** from **622** to **703** beds.
- The number of **COVID-19 patients who were mechanically vented** increased from **337** to **396** beds.

Hospitalizations To Date

Detailed case report data were provided on 944,743 cases; hospitalization status information was available for 663,490 (70.2%) of these cases:

- **50,973 cases (7.7%)** were hospitalized, of whom:
 - **8,991 (17.6%)** were admitted to the ICU
 - **1,603 (3.1%)** required mechanical ventilation

Detailed case report forms have been received from provinces and territories for **22,691** deaths related to COVID-19.

Figure 5a. Age and gender⁴ distribution of COVID-19 cases hospitalized in Canada as of March 26, 2021, 9 am EDT (n=50,912¹)

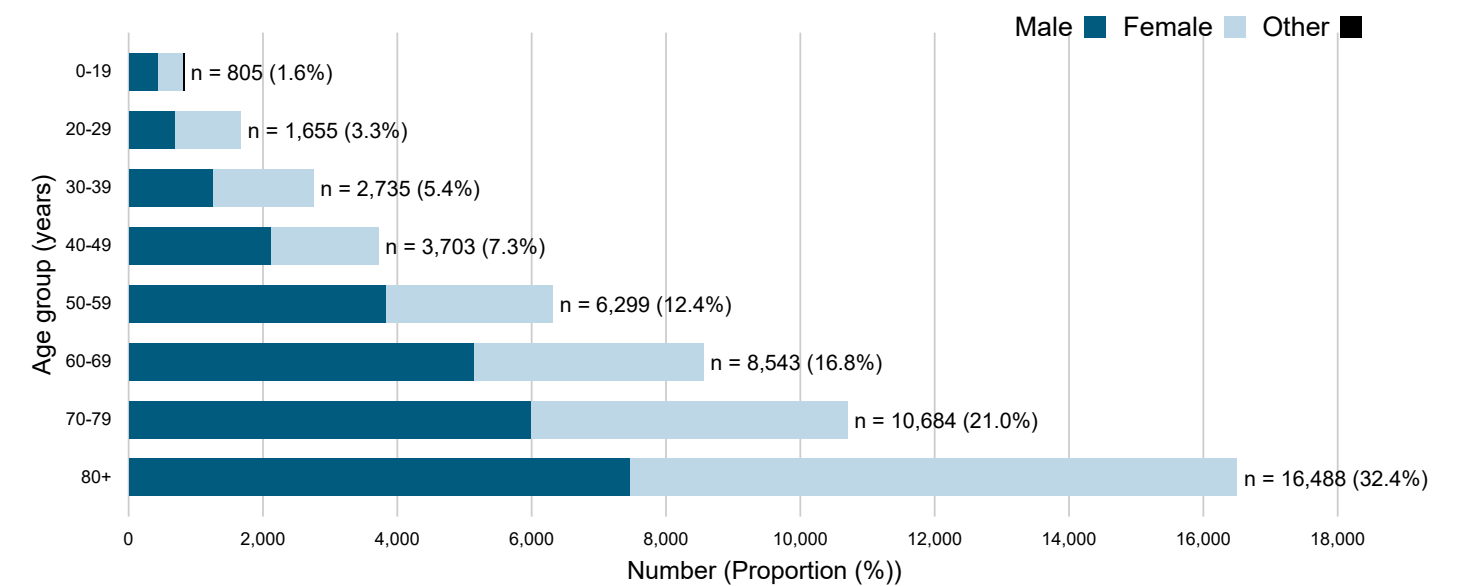


Figure 5b. Age and gender⁴ distribution of COVID-19 cases admitted to ICU in Canada as of March 26, 2021, 9 am EDT (n=8,980¹)

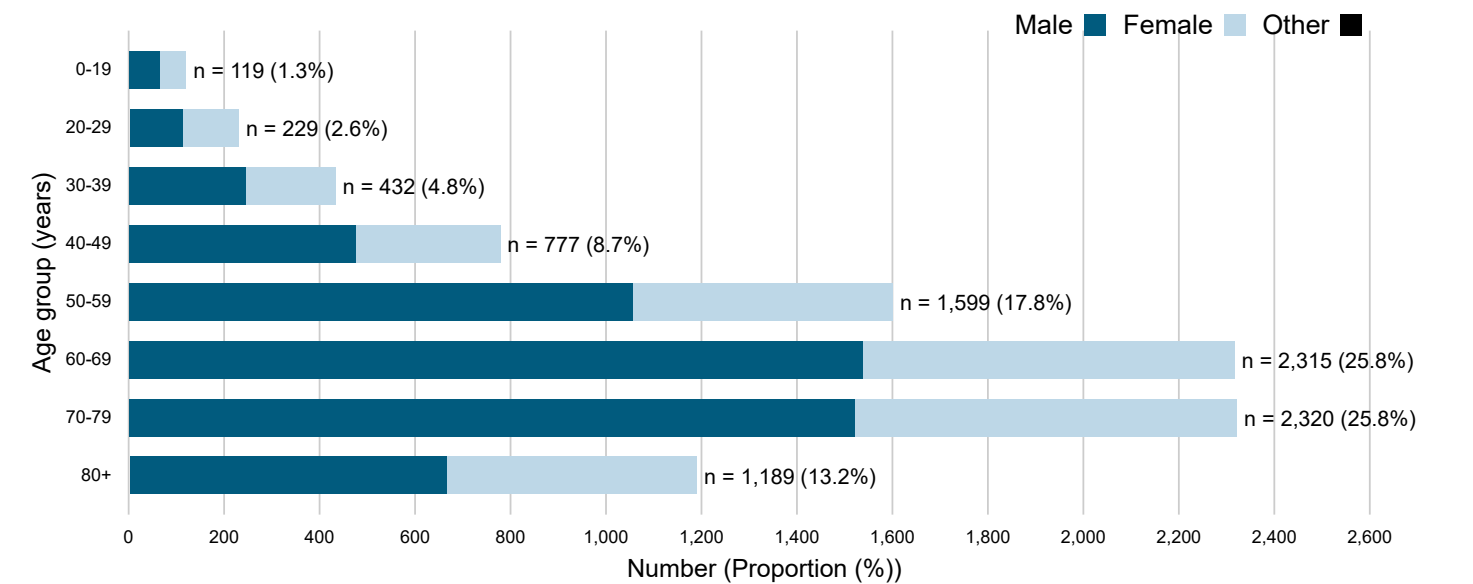
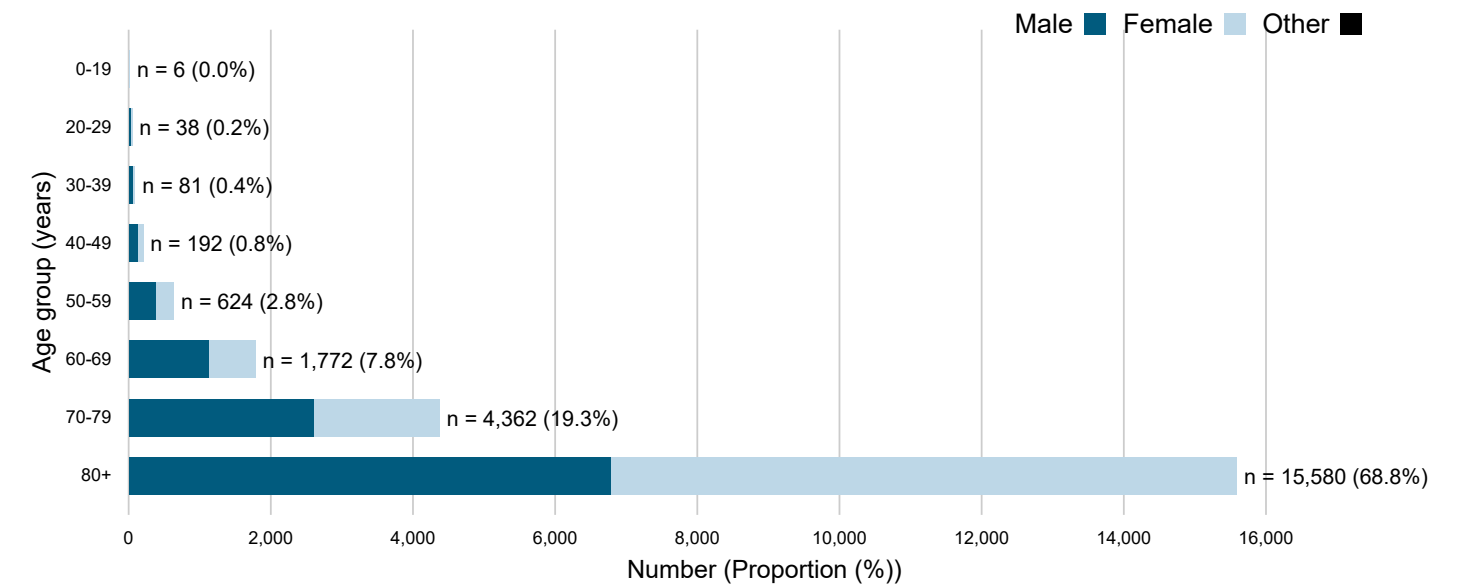


Figure 5c. Age and gender⁴ distribution of COVID-19 cases deceased in Canada as of March 26, 2021, 9 am EDT (n=22,655¹)



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 March 26, 2021, 9 am EDT (n=50,912 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	805 (1.6%)	417 (0.8%)	387 (0.8%)	1 (0.0%)
20-29	1,655 (3.3%)	673 (1.3%)	982 (1.9%)	0 (0.0%)
30-39	2,735 (5.4%)	1,243 (2.4%)	1,492 (2.9%)	0 (0.0%)
40-49	3,703 (7.3%)	2,104 (4.1%)	1,599 (3.1%)	0 (0.0%)
50-59	6,299 (12.4%)	3,827 (7.5%)	2,472 (4.9%)	0 (0.0%)
60-69	8,543 (16.8%)	5,130 (10.1%)	3,413 (6.7%)	0 (0.0%)
70-79	10,684 (21.0%)	5,976 (11.7%)	4,708 (9.2%)	0 (0.0%)
80+	16,488 (32.4%)	7,463 (14.7%)	9,025 (17.7%)	0 (0.0%)

Age and gender ⁴ distribution of COVID-19 cases admitted to ICU in Canada as of March 26, 2021, 9 am EDT (n=8,980 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	119 (1.3%)	65 (0.7%)	54 (0.6%)	0 (0.0%)
20-29	229 (2.6%)	113 (1.3%)	116 (1.3%)	0 (0.0%)
30-39	432 (4.8%)	244 (2.7%)	188 (2.1%)	0 (0.0%)
40-49	777 (8.7%)	475 (5.3%)	302 (3.4%)	0 (0.0%)
50-59	1,599 (17.8%)	1,056 (11.8%)	543 (6.0%)	0 (0.0%)
60-69	2,315 (25.8%)	1,536 (17.1%)	779 (8.7%)	0 (0.0%)
70-79	2,320 (25.8%)	1,521 (16.9%)	799 (8.9%)	0 (0.0%)
80+	1,189 (13.2%)	666 (7.4%)	523 (5.8%)	0 (0.0%)

Age and gender ⁴ distribution of COVID-19 cases deceased in Canada as of March 26, 2021, 9 am EDT (n=22,655 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	6 (0.0%)	4 (0.0%)	2 (0.0%)	0 (0.0%)
20-29	38 (0.2%)	22 (0.1%)	16 (0.1%)	0 (0.0%)
30-39	81 (0.4%)	53 (0.2%)	28 (0.1%)	0 (0.0%)
40-49	192 (0.8%)	118 (0.5%)	74 (0.3%)	0 (0.0%)
50-59	624 (2.8%)	378 (1.7%)	246 (1.1%)	0 (0.0%)
60-69	1,772 (7.8%)	1,113 (4.9%)	659 (2.9%)	0 (0.0%)
70-79	4,362 (19.3%)	2,598 (11.5%)	1,764 (7.8%)	0 (0.0%)
80+	15,580 (68.8%)	6,774 (29.9%)	8,806 (38.9%)	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 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 Provinces and territories may define sex differently and some may be referring to biological sex.
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Date modified:

2021-04-01