



# Coronavirus disease 2019 (COVID-19): Epidemiology update

Updated: February 10, 2021, 7 pm EST

## Key updates as of February 10, 2021, 7 pm EST

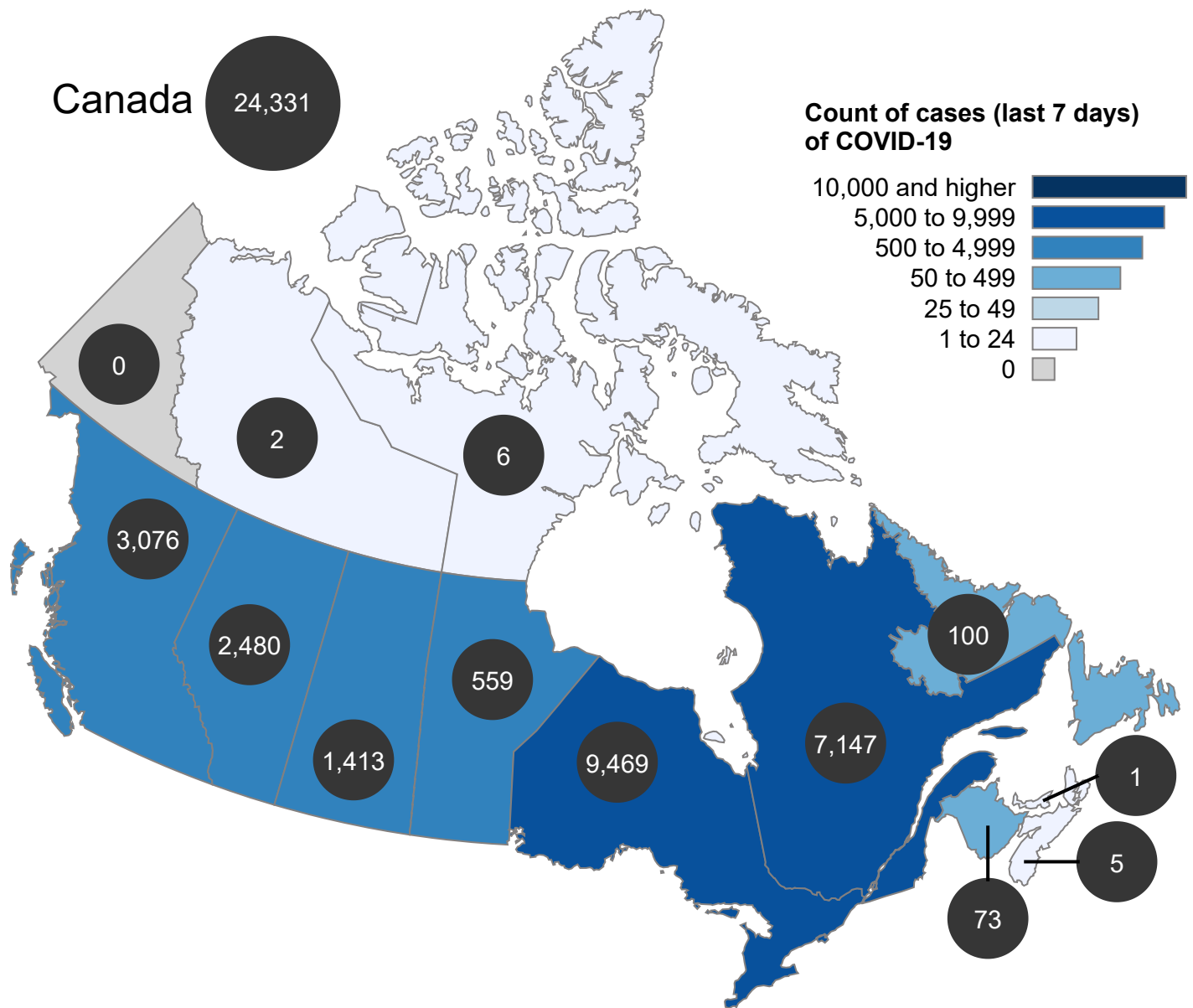
Cases today	Total cases	Active cases	Total recovered	Deaths today	Total deaths
3,185	813,982	38,242	754,736	95	21,004

Tests performed today	Total tests performed	Percent positive (total)	Tests performed per million
74,319	22,553,847	3.8%	593,440

- 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 (68.1%) and deaths (79.5%) have been reported by Ontario and Quebec.
- Of the jurisdictions reporting updates (n=11) no new cases have been reported in 0 provinces or territories within the past 24 hours.
- Of the jurisdictions reporting updates (n=11), no new deaths have been reported in 5 provinces or territories within the past 24 hours.
- As of February 1, 2021, reporting has been updated to include the new test-based metrics.

# Current situation

Figure 1a. **Count** of **cases (last 7 days)** of COVID-19, by **province/territory** as of February 10, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **24,331** as of February 10, 2021.

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

Location	Total cases		Cases last 7 days		Active cases		Recovered	Deaths		Deaths last 7 days		Total tests performed	
	Count	Rate <sup>*</sup>	Count	Rate <sup>*</sup>	Count	Rate <sup>*</sup>	Count	Count	Rate <sup>*</sup>	Count	Rate <sup>*</sup>	Count	Rate <sup>†</sup>
Canada	813,982	2,142	24,331	64	38,242	101	754,736	21,004	55	649	2	22,553,847	593,440
British Columbia	71,856	1,396	3,076	60	4,420	86	66,167	1,269	25	35	1	1,783,339	346,433
Alberta	127,570	2,885	2,480	56	5,706	129	120,136	1,728	39	57	1	3,258,829	736,979
Saskatchewan	25,843	2,193	1,413	120	1,968	167	23,527	348	30	26	2	533,180	452,353
Manitoba	30,417	2,205	559	41	1,573	114	27,985	859	62	24	2	500,288	362,721
Ontario	281,566	1,911	9,469	64	13,270	90	261,700	6,596	45	291	2	9,950,523	675,344
Quebec	272,726	3,181	7,147	83	10,994	128	251,620	10,112	118	213	2	5,736,438	669,006
Newfoundland and Labrador	510	98	100	19	113	22	393	4	1	0	0	150,561	288,374
New Brunswick	1,375	176	73	9	176	23	1,178	21	3	3	0	220,218	281,798
Nova Scotia	1,588	162	5	1	9	1	1,514	65	7	0	0	297,106	303,370
Prince Edward Island	114	71	1	1	4	3	110	0	0	0	0	94,650	592,952
Yukon	70	166	0	0	0	0	69	1	2	0	0	7,782	185,057
Northwest Territories	34	75	2	4	3	7	31	0	0	0	0	12,753	282,390
Nunavut	300	762	6	15	6	15	293	1	3	0	0	8,104	205,931

<sup>†</sup> Rate per 1,000,000 population

<sup>\*</sup> Rate per 100,000 population

Figure 1b. 

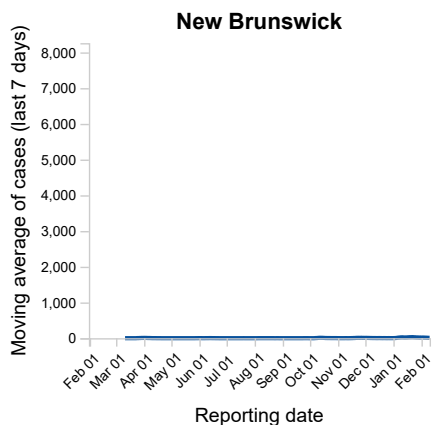
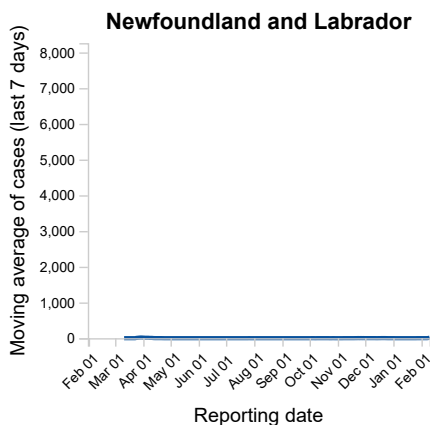
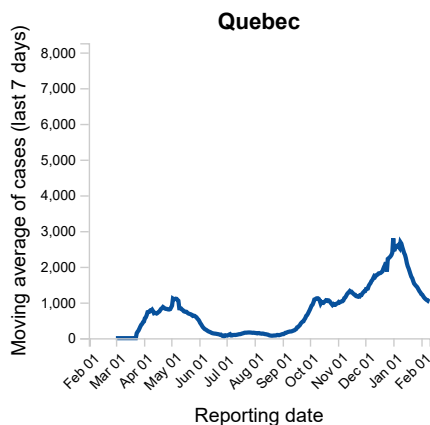
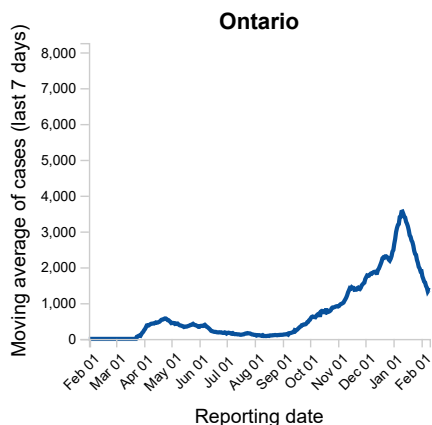
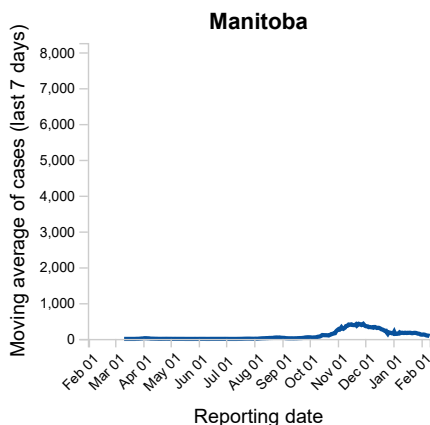
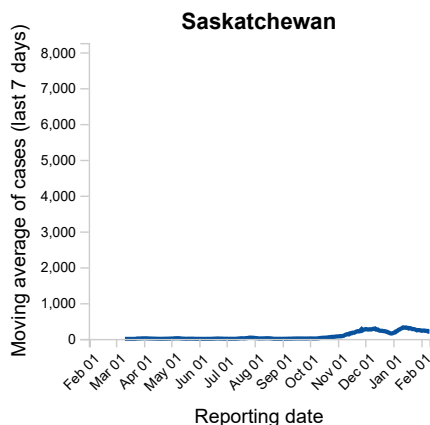
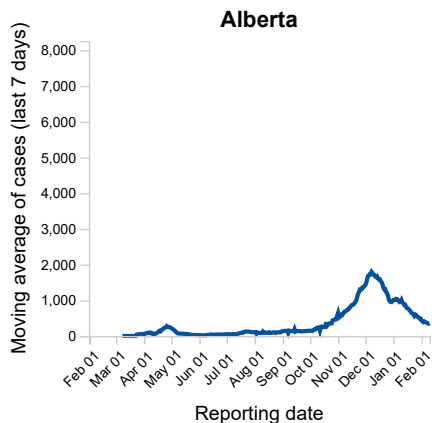
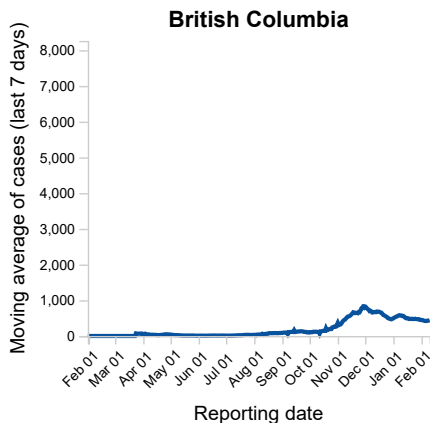
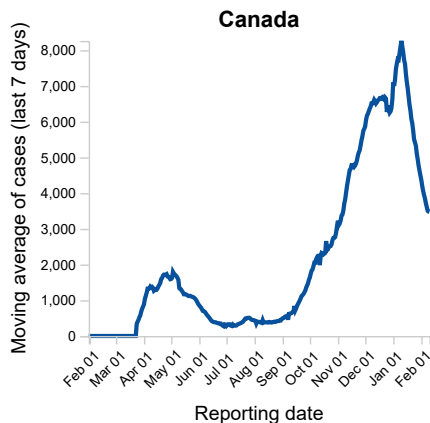
Moving average

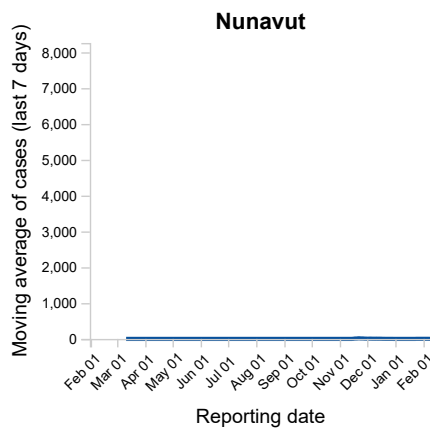
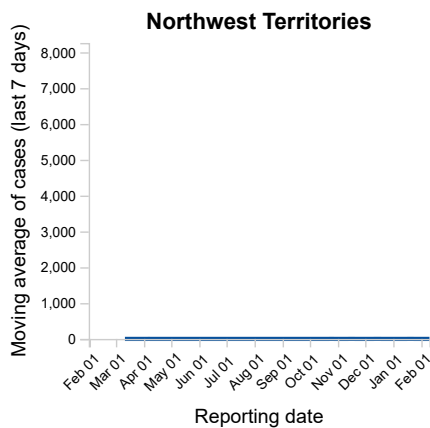
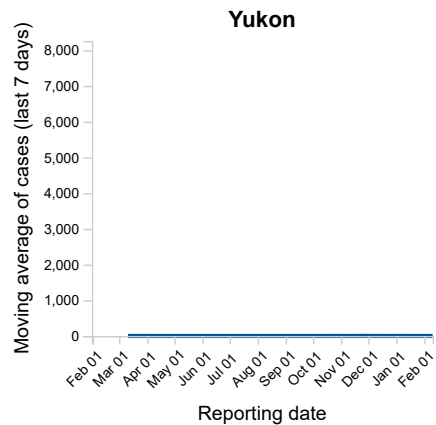
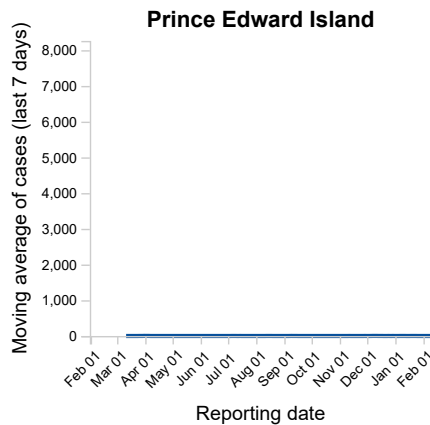
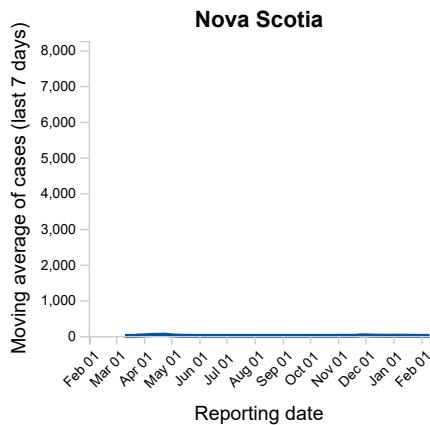
 of 

cases (last 7 days)

 of COVID-19 in Canada as of February 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 **22,553,847** tests performed for COVID-19 in Canada. This corresponds to a test rate of **593,440** per 1 million people. Of all tests performed, **3.8%** 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 February 10, 2021, 7 pm EST**

Location	New cases	New deaths	Tests performed
<b>Canada</b>	<b>3,185</b>	<b>95</b>	<b>74,319</b>
British Columbia	469	6	N/A
Alberta	339	6	10,873
Saskatchewan	189	2	2,353
Manitoba	57	6	1,642
Ontario	1,072	41	52,504
Quebec	989	34	N/A
Newfoundland and Labrador	53	0	2,817
New Brunswick	14	0	2,228
Nova Scotia	1	0	1,253
Prince Edward Island	N/A	N/A	361
Yukon	N/A	N/A	16
Northwest Territories	1	0	212
Nunavut	1	0	60

\* 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.

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 : February 5, 2021, 7 pm EST

## Epidemic curve

As of February 5, 2021, 7 pm EST, the Public Health Agency of Canada has received detailed case report data on 792,085 cases; episode date was available for 787,369 (99.4%) cases, and both exposure and episode date were available for 731,933 (92.4%) 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=787,369 <sup>1</sup>) in Canada by date of illness onset <sup>2</sup> as of February 5, 2021, 7 pm EST (total cases)**

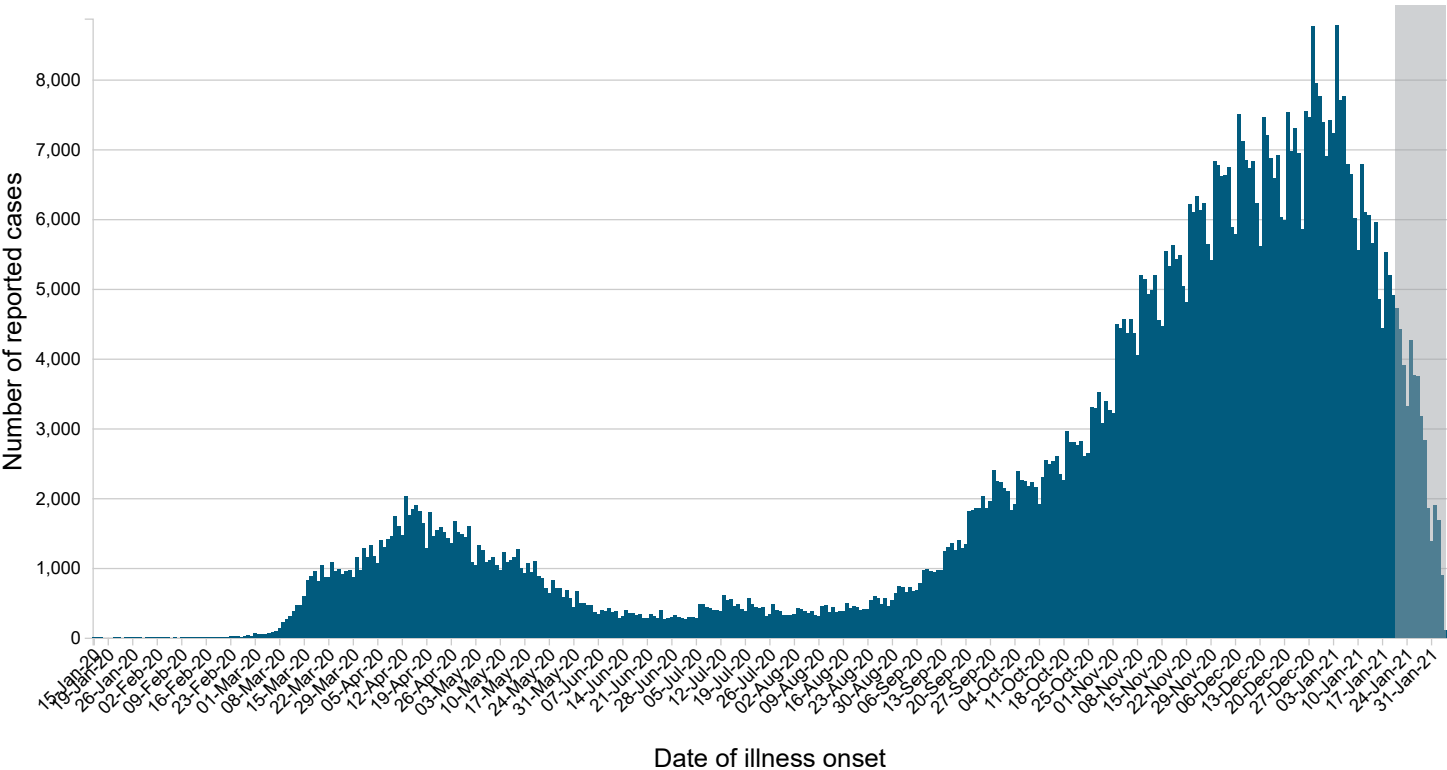


Figure 2. COVID-19 cases (n=731,933 <sup>1</sup>) in Canada by date of illness onset <sup>2</sup> as of February 5, 2021, 7 pm EST (by exposure)

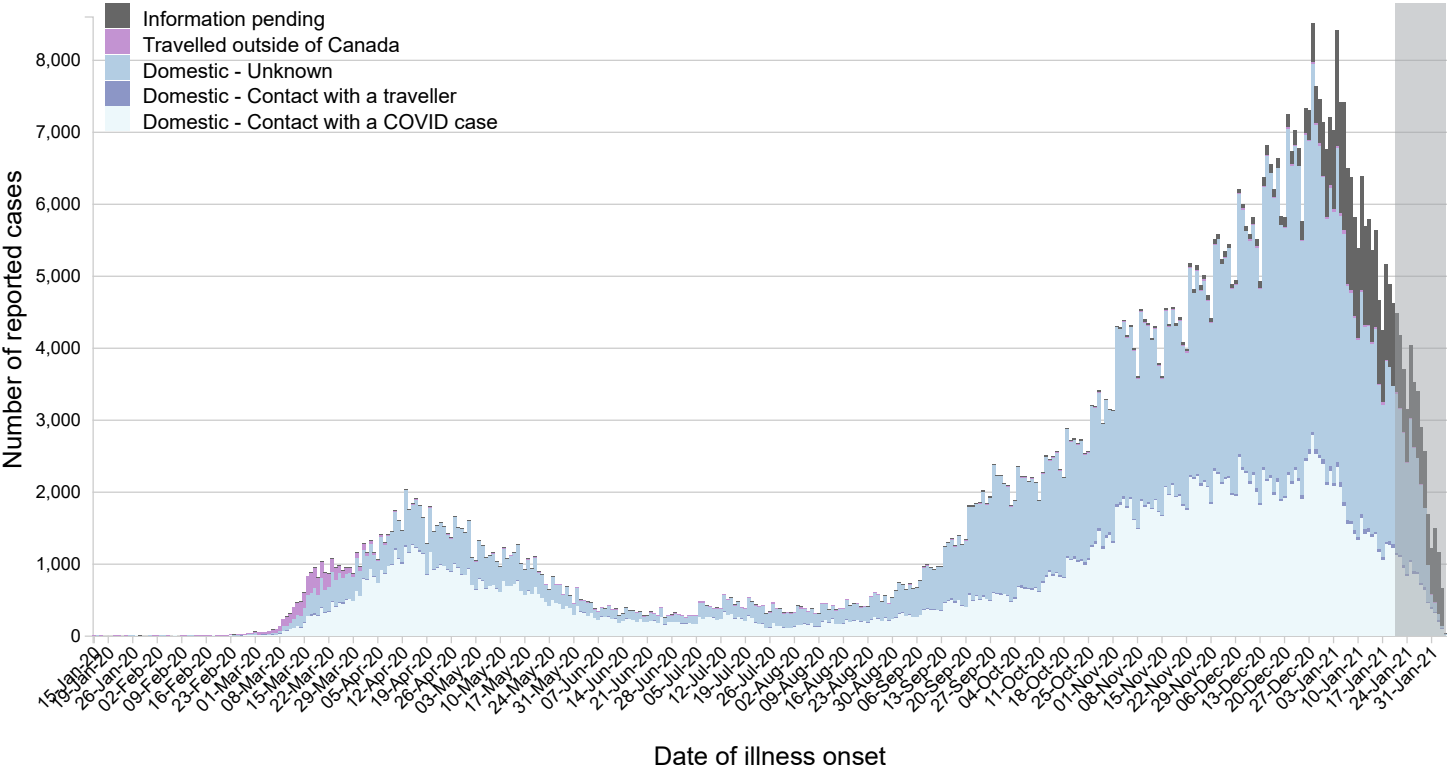
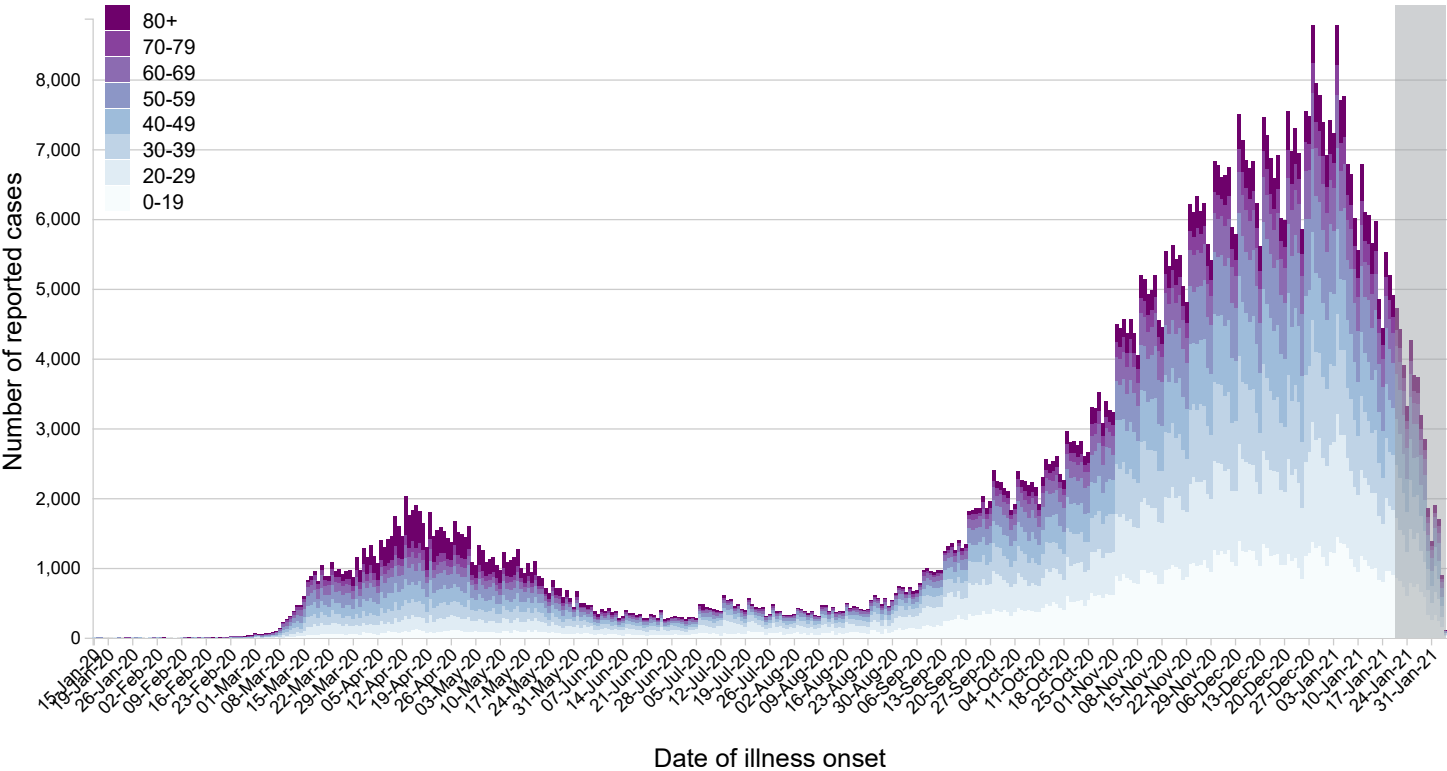
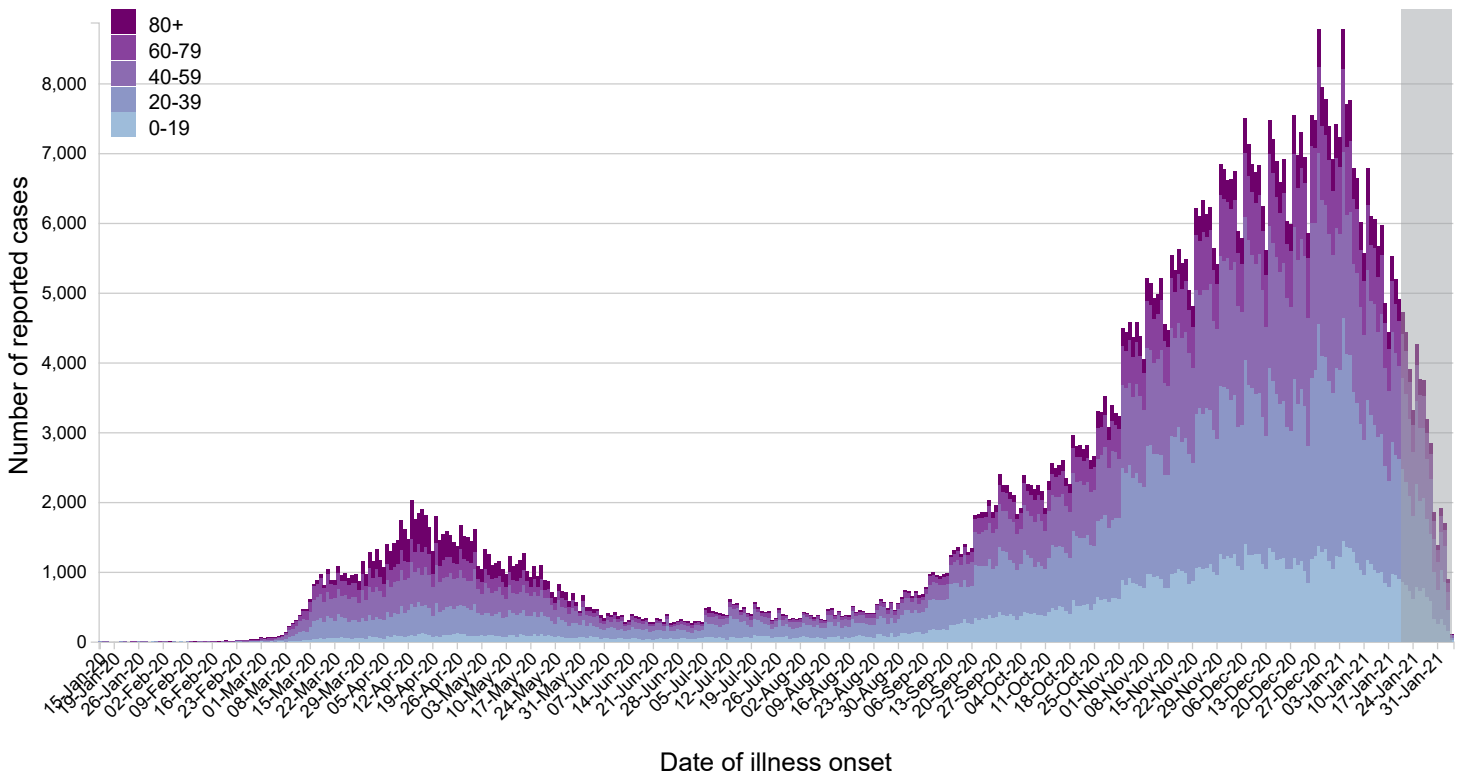


Figure 2. COVID-19 cases (n=787,221 <sup>1</sup>) in Canada by date of illness onset <sup>2</sup> as of February 5, 2021, 7 pm EST (by age - 10 year groups)





**Figure 2. COVID-19 cases (n=787,221<sup>1</sup>) in Canada by date of illness onset<sup>2</sup> as of February 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.

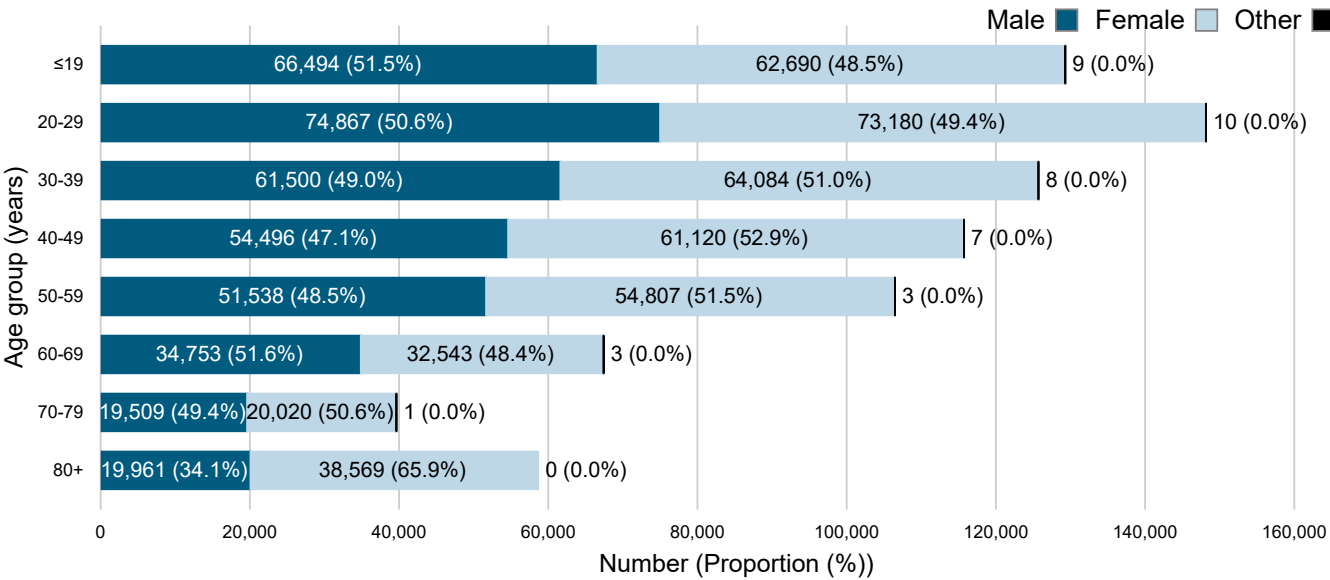
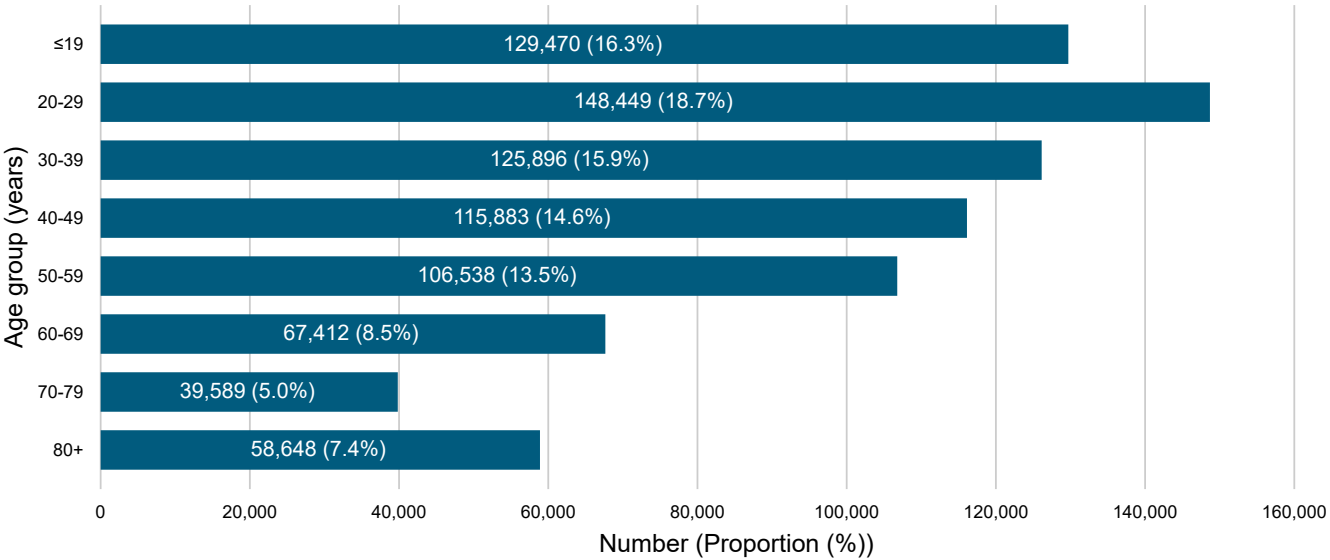
This figure may be an underestimate of the total number of cases among returning travelers as exposure history are not available for all cases and not all jurisdictions have consistently reported exposure history to PHAC throughout the COVID-19 pandemic.

## Demographics

Detailed case report data were provided on 792,085 cases; age information was available for 791,885 (99.97%) cases, and both age and sex were available for 790,172 (99.76%) cases.

Of the COVID-19 cases reported in Canada to date, approximately half (51.5%) are female. Approximately one-fifth (20.9%) of cases are 60 years old and over (Figure 3).

Figure 3. Age ▼ distribution of COVID-19 cases (n=791,885 <sup>1</sup>) in Canada as of February 5, 2021, 7 pm EST <sup>3</sup>



## Age by sex <sup>3</sup> distribution of COVID-19 cases (n=791,885 <sup>1</sup>) in Canada, February 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	129,470 (16.3%)	66,494 (17.4%)	62,690 (15.4%)	9 (22.0%)
20-29	148,449 (18.7%)	74,867 (19.5%)	73,180 (18.0%)	10 (24.4%)
30-39	125,896 (15.9%)	61,500 (16.1%)	64,084 (15.7%)	8 (19.5%)
40-49	115,883 (14.6%)	54,496 (14.2%)	61,120 (15.0%)	7 (17.1%)
50-59	106,538 (13.5%)	51,538 (13.5%)	54,807 (13.5%)	3 (7.3%)
60-69	67,412 (8.5%)	34,753 (9.1%)	32,543 (8.0%)	3 (7.3%)
70-79	39,589 (5.0%)	19,509 (5.1%)	20,020 (4.9%)	1 (2.4%)
80+	58,648 (7.4%)	19,961 (5.2%)	38,569 (9.5%)	0 (0.0%)

## Exposure setting

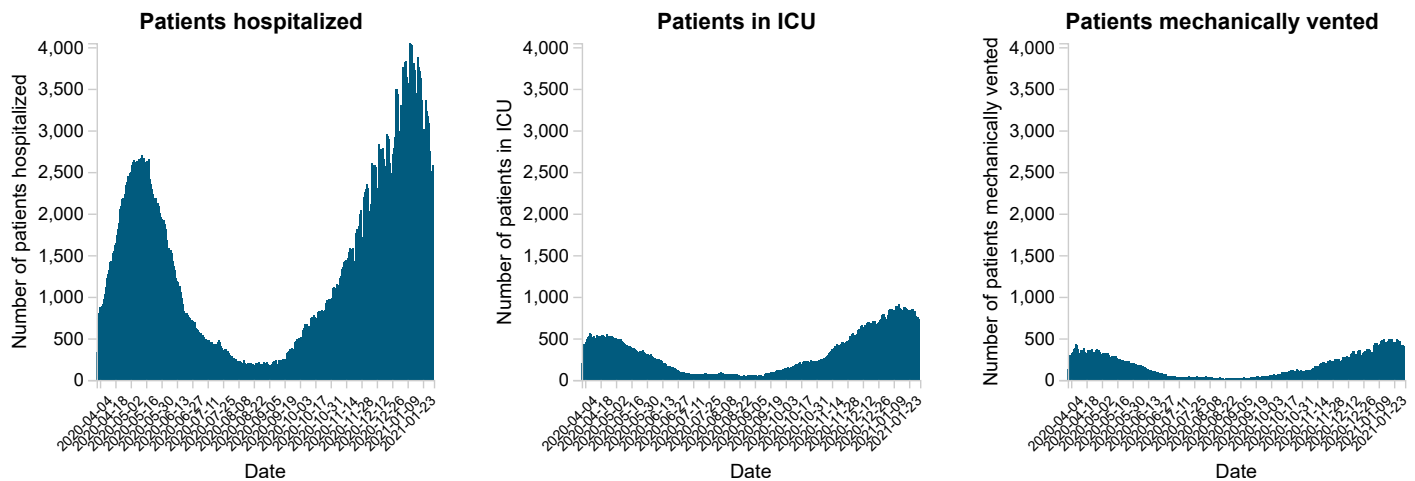
In Canada ▼, detailed case report data were provided on 792,085 cases; exposure history was available for 736,282 (93.0%) cases. The probable exposure setting of these reported cases <sup>1</sup> are:

- domestic acquisition (defined as any exposure that occurred within Canada): **683,130 (92.8%)**
  - from contact with a COVID case: **282,481 (38.4%)**
  - from contact with a traveller: **5,797 (0.8%)**
  - from an unknown source: **394,852 (53.6%)**
- currently unknown (information pending): **46,094 (6.3%)**
- travelled outside of Canada: **7,058 (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 1, 2021



Between January 25, 2021 and February 1, 2021:

- The number of **hospital beds** occupied by COVID-19 patients **decreased** from **3,356** to **2,576** beds.
- The number of **ICU beds** occupied by COVID-19 patients **decreased** from **844** to **726** beds.
- The number of **COVID-19 patients who were mechanically vented** decreased from **484** to **408** beds.

## Hospitalizations To Date

Detailed case report data were provided on 792,085 cases; hospitalization status information was available for 568,778 (71.8%) of these cases:

- **43,982 cases (7.7%)** were hospitalized, of whom:
  - **7,849 (17.8%)** were admitted to the ICU
  - **1,469 (3.3%)** required mechanical ventilation

Detailed case report forms have been received from provinces and territories for **20,447** deaths related to COVID-19.

Figure 5a. Age and gender<sup>3</sup> distribution of COVID-19 cases hospitalized in Canada as of February 5, 2021, 7 pm EST (n=43,932<sup>1</sup>)

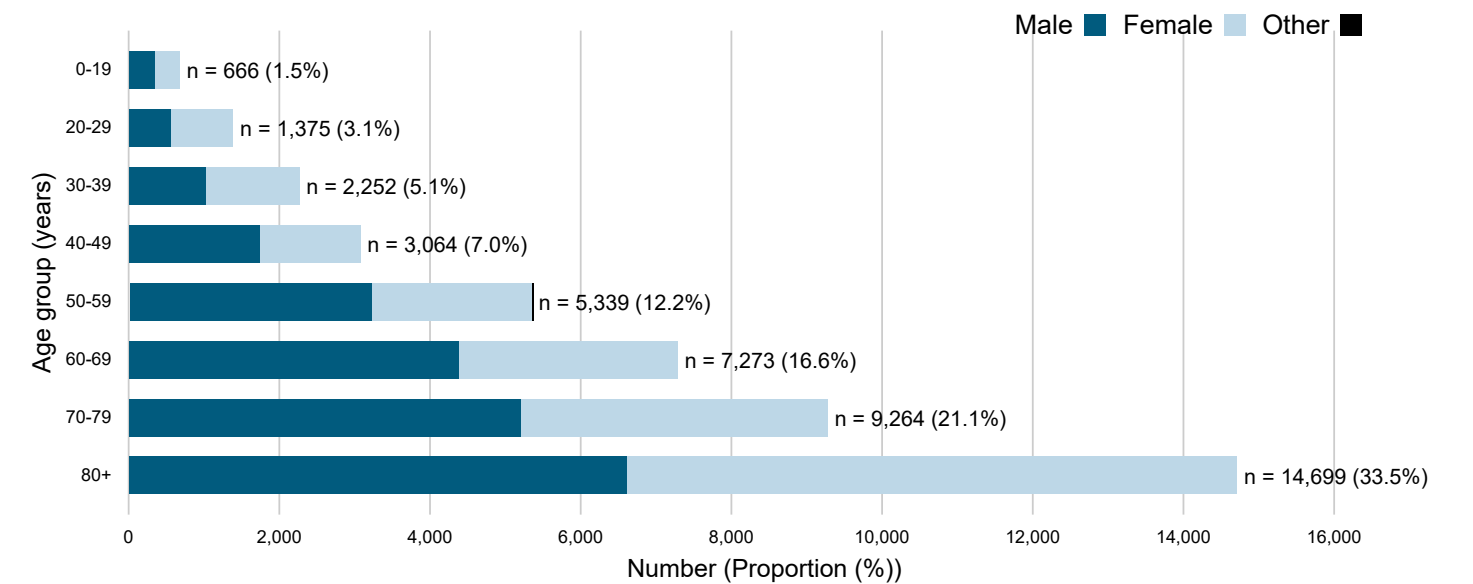


Figure 5b. Age and gender <sup>3</sup> distribution of COVID-19 cases admitted to ICU in Canada as of February 5, 2021, 7 pm EST (n=7,837 <sup>1</sup>)

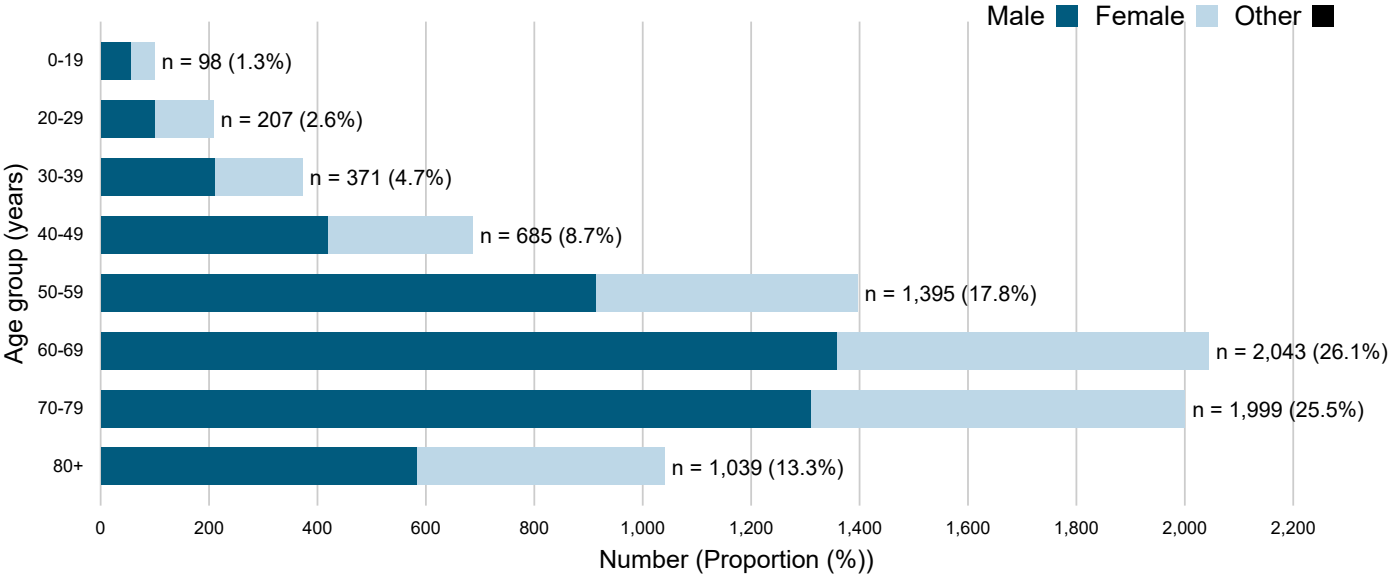
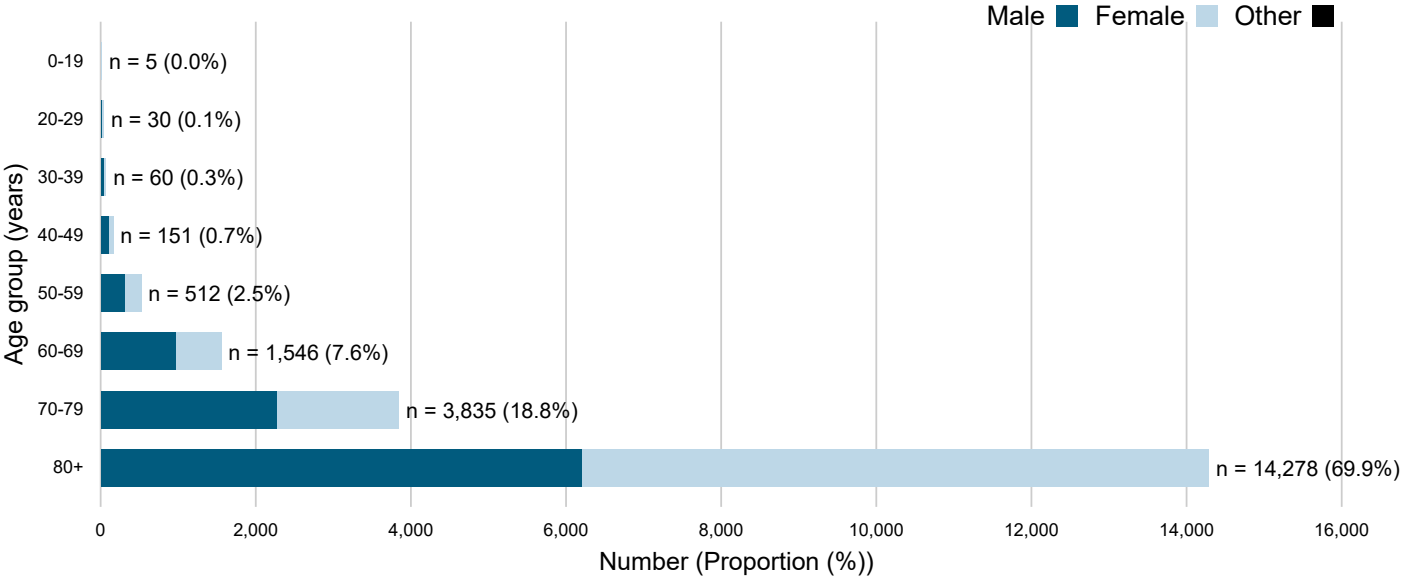


Figure 5c. Age and gender <sup>3</sup> distribution of COVID-19 cases deceased in Canada as of February 5, 2021, 7 pm EST (n=20,417 <sup>1</sup>)



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 <sup>3</sup> distribution of COVID-19 cases hospitalized in Canada as of February 5, 2021, 7 pm EST (n=43,932 <sup>1</sup>)**

<b>Age group (years)</b>	<b>Number of cases with case reports (proportion)</b>	<b>Number of male cases (proportion)</b>	<b>Number of female cases (proportion)</b>	<b>Number of other cases (proportion)</b>
0-19	666 (1.5%)	339 (0.8%)	327 (0.7%)	0 (0.0%)
20-29	1,375 (3.1%)	553 (1.3%)	822 (1.9%)	0 (0.0%)
30-39	2,252 (5.1%)	1,016 (2.3%)	1,236 (2.8%)	0 (0.0%)
40-49	3,064 (7.0%)	1,732 (3.9%)	1,332 (3.0%)	0 (0.0%)
50-59	5,339 (12.2%)	3,225 (7.3%)	2,113 (4.8%)	1 (0.0%)
60-69	7,273 (16.6%)	4,368 (9.9%)	2,905 (6.6%)	0 (0.0%)
70-79	9,264 (21.1%)	5,198 (11.8%)	4,066 (9.3%)	0 (0.0%)
80+	14,699 (33.5%)	6,608 (15.0%)	8,091 (18.4%)	0 (0.0%)

**Age and gender <sup>3</sup> distribution of COVID-19 cases admitted to ICU in Canada as of February 5, 2021, 7 pm EST (n=7,837 <sup>1</sup>)**

<b>Age group (years)</b>	<b>Number of cases with case reports (proportion)</b>	<b>Number of male cases (proportion)</b>	<b>Number of female cases (proportion)</b>	<b>Number of other cases (proportion)</b>
0-19	98 (1.3%)	54 (0.7%)	44 (0.6%)	0 (0.0%)
20-29	207 (2.6%)	100 (1.3%)	107 (1.4%)	0 (0.0%)
30-39	371 (4.7%)	210 (2.7%)	161 (2.1%)	0 (0.0%)
40-49	685 (8.7%)	419 (5.3%)	266 (3.4%)	0 (0.0%)
50-59	1,395 (17.8%)	912 (11.6%)	483 (6.2%)	0 (0.0%)
60-69	2,043 (26.1%)	1,358 (17.3%)	685 (8.7%)	0 (0.0%)
70-79	1,999 (25.5%)	1,310 (16.7%)	689 (8.8%)	0 (0.0%)
80+	1,039 (13.3%)	583 (7.4%)	456 (5.8%)	0 (0.0%)

**Age and gender <sup>3</sup> distribution of COVID-19 cases deceased in Canada as of February 5, 2021, 7 pm EST (n=20,417 <sup>1</sup>)**

<b>Age group (years)</b>	<b>Number of cases with case reports (proportion)</b>	<b>Number of male cases (proportion)</b>	<b>Number of female cases (proportion)</b>	<b>Number of other cases (proportion)</b>
0-19	5 (0.0%)	3 (0.0%)	2 (0.0%)	0 (0.0%)
20-29	30 (0.1%)	16 (0.1%)	14 (0.1%)	0 (0.0%)
30-39	60 (0.3%)	40 (0.2%)	20 (0.1%)	0 (0.0%)
40-49	151 (0.7%)	95 (0.5%)	56 (0.3%)	0 (0.0%)
50-59	512 (2.5%)	304 (1.5%)	208 (1.0%)	0 (0.0%)
60-69	1,546 (7.6%)	961 (4.7%)	585 (2.9%)	0 (0.0%)
70-79	3,835 (18.8%)	2,274 (11.1%)	1,561 (7.6%)	0 (0.0%)
80+	14,278 (69.9%)	6,195 (30.3%)	8,083 (39.6%)	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](#)

- 
- 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.
- 

**Date modified:**

2021-02-10