



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

Updated: February 24, 2021, 7 pm EST

## Key updates as of February 24, 2021, 7 pm EST

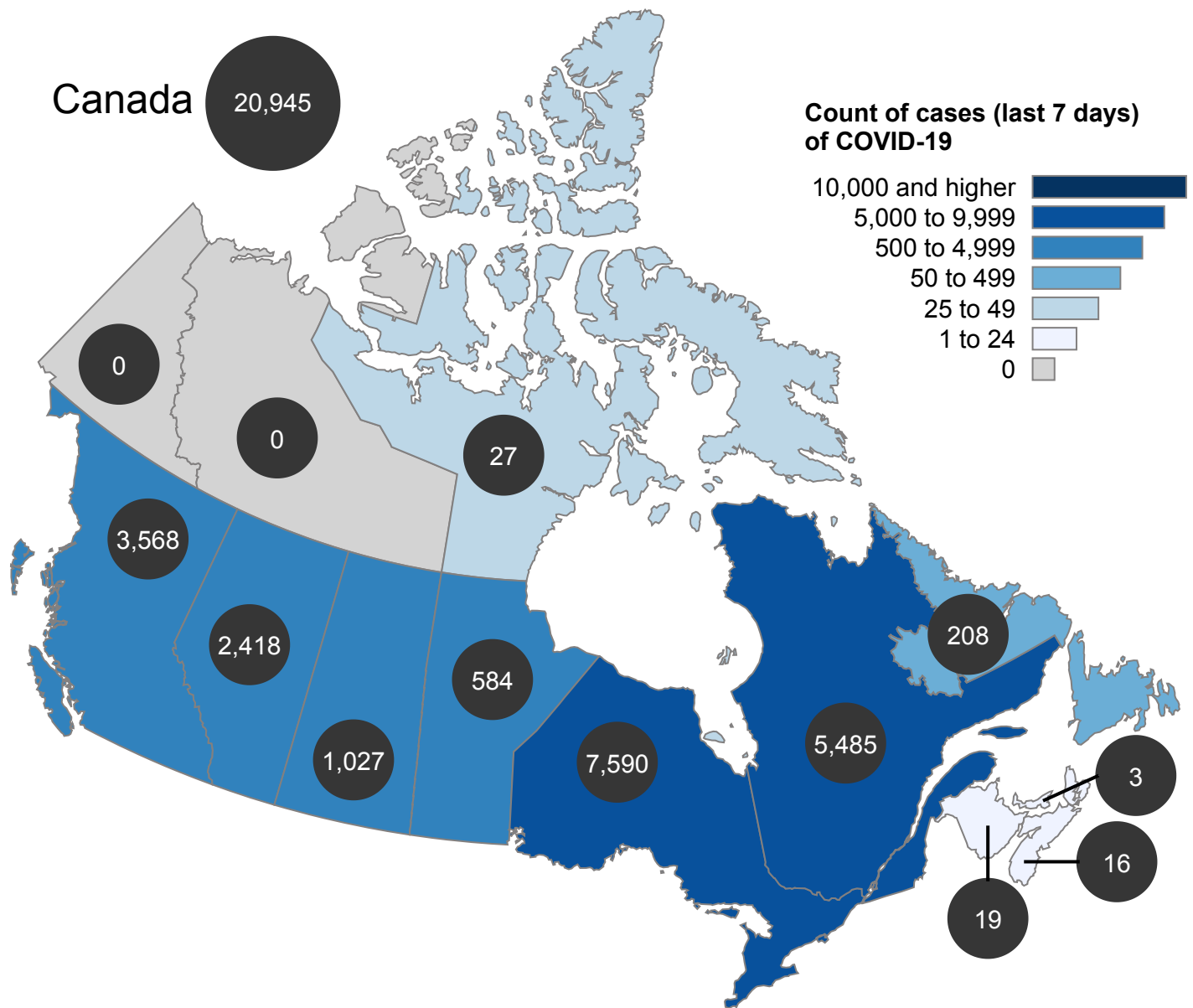
Cases today	Total cases	Active cases	Total recovered	Deaths today	Total deaths
2,863	855,126	30,393	802,926	46	21,807

Daily tests performed	Total tests performed	Percent positive (total)	Tests performed per million
67,863	23,948,515	3.7%	630,137

- 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 (67.9%) and deaths (79.1%) 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 6 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 24, 2021



The count of cases (last 7 days) of COVID-19 in **Canada** was **20,945** as of February 24, 2021.

This information is based on data from our provincial and territorial partners. It is current as of February 24, 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 24, 2021

Location	Total cases		Cases last 7 days		Active cases		Recovered	Deaths		Deaths last 7 days		Total tests performed <sup>§</sup>	
	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	855,126	2,250	20,945	55	30,393	80	802,926	21,807	57	376	1	23,948,515	630,137
British Columbia	78,278	1,521	3,568	69	4,721	92	72,219	1,338	26	21	0	1,883,743	365,938
Alberta	132,033	2,986	2,418	55	4,545	103	125,622	1,866	42	68	2	3,359,943	759,846
Saskatchewan	27,980	2,374	1,027	87	1,425	121	26,176	379	32	17	1	562,140	476,923
Manitoba	31,590	2,290	584	42	1,196	87	29,507	887	64	11	1	522,843	379,074
Ontario	296,173	2,010	7,590	52	10,050	68	279,230	6,893	47	164	1	10,604,846	719,753
Quebec	284,472	3,318	5,485	64	7,988	93	266,138	10,346	121	92	1	6,150,337	717,276
Newfoundland and Labrador	963	184	208	40	348	67	610	5	1	1	0	183,360	351,195
New Brunswick	1,426	182	19	2	65	8	1,335	26	3	2	0	233,075	298,250
Nova Scotia	1,616	165	16	2	21	2	1,530	65	7	0	0	317,589	324,285
Prince Edward Island	117	73	3	2	3	2	114	0	0	0	0	99,740	624,839
Yukon	72	171	0	0	0	0	71	1	2	0	0	8,093	192,452
Northwest Territories	42	93	0	0	4	9	38	0	0	0	0	14,242	315,361
Nunavut	351	892	27	69	27	69	323	1	3	0	0	8,488	215,689

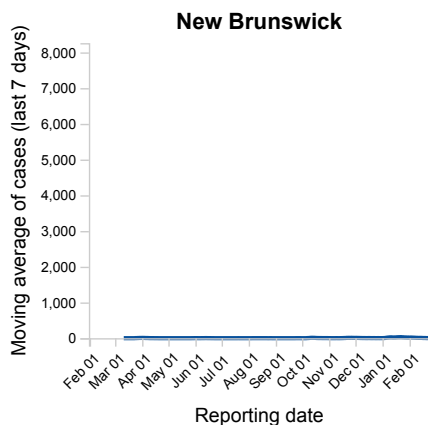
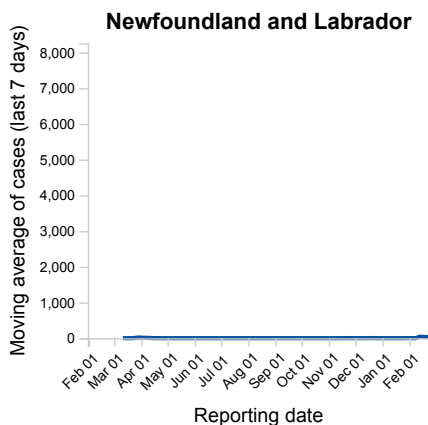
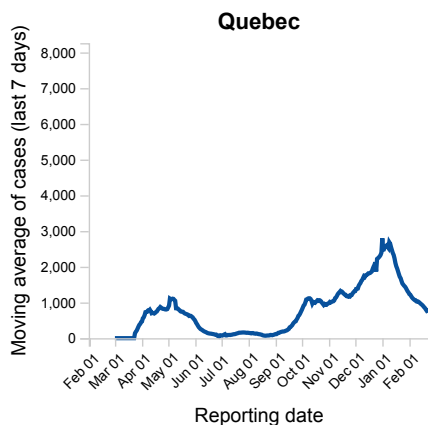
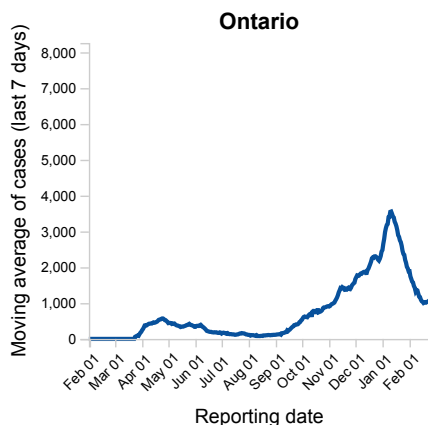
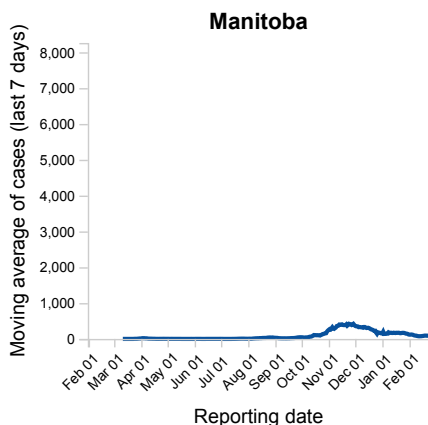
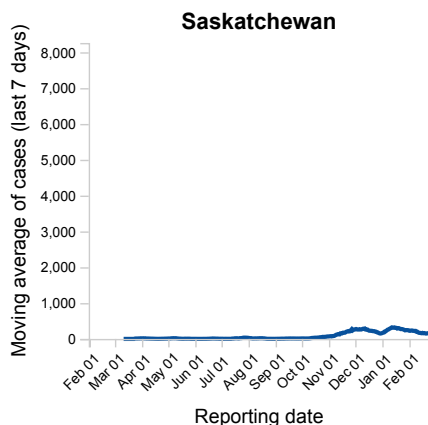
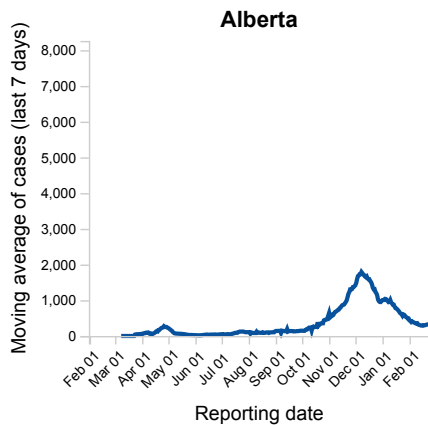
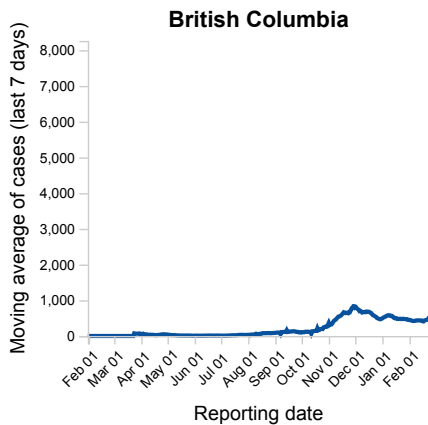
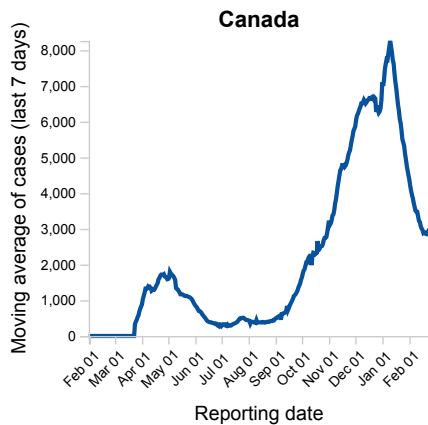
† Rate per 1,000,000 population

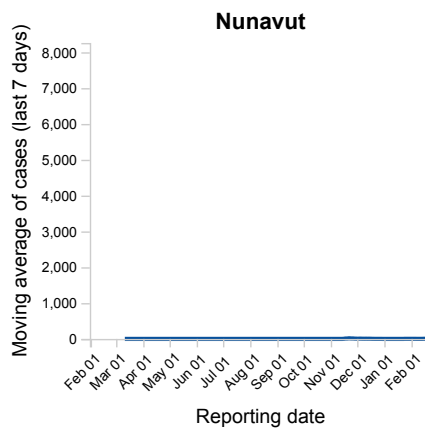
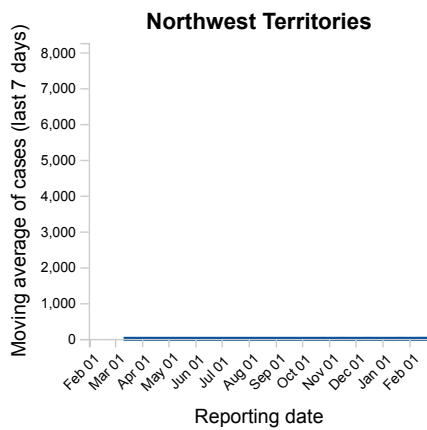
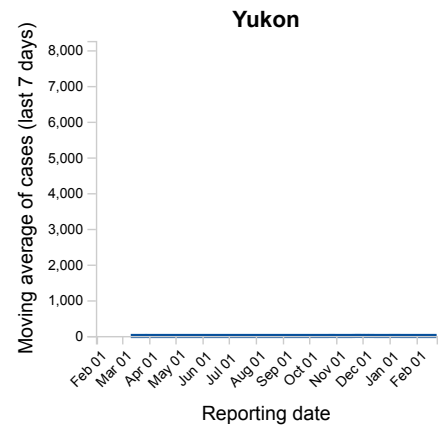
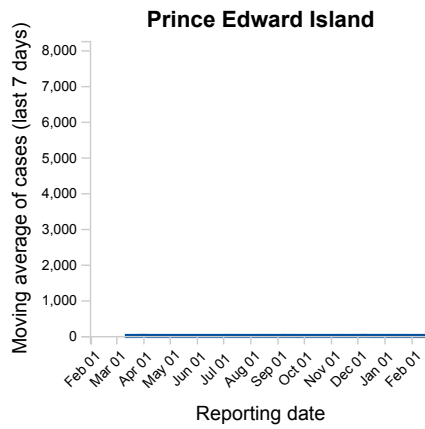
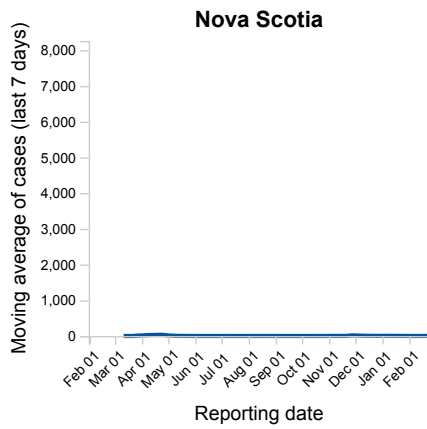
\* Rate per 100,000 population

§ Due to fluctuations in daily reporting, total tests performed presented here have a 2-day delay.

Figure 1b. **Moving average** of **cases (last 7 days)** of COVID-19 in Canada as of February 24, 2021, 7 pm EST

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 **23,948,515** tests performed for COVID-19 in Canada. This corresponds to a test rate of **630,137** 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 February 24, 2021, 7 pm EST**

Location	New cases	New deaths	Tests performed
<b>Canada</b>	<b>2,863</b>	<b>46</b>	<b>67,863</b>
British Columbia	456	2	6,758
Alberta	430	13	6,335
Saskatchewan	57	3	1,872
Manitoba	45	1	1,404
Ontario	1,054	9	25,979
Quebec	806	17	22,470
Newfoundland and Labrador	8	1	N/A
New Brunswick	2	0	784
Nova Scotia	3	0	1,560
Prince Edward Island	2	0	437
Yukon	0	0	22
Northwest Territories	0	0	216
Nunavut	0	0	26

\* New cases and deaths 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, and jurisdictions reporting after time of data extraction may not be captured in this daily update. Due to fluctuations in daily reporting, daily tests performed presented here have a 2-day delay. Data not included in this table are often reported the next day, and are made available for other analyses.

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 reflect 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 19, 2021, 7 pm EST

## Epidemic curve

As of February 19, 2021, 7 pm EST, the Public Health Agency of Canada has received detailed case report data on 827,113 cases; episode date was available for 822,369 (99.4%) cases, and both exposure and episode date were available for 767,596 (92.8%) 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=822,369 <sup>1</sup>) in Canada by date of illness onset <sup>2</sup> as of February 19, 2021, 7 pm EST (total cases)

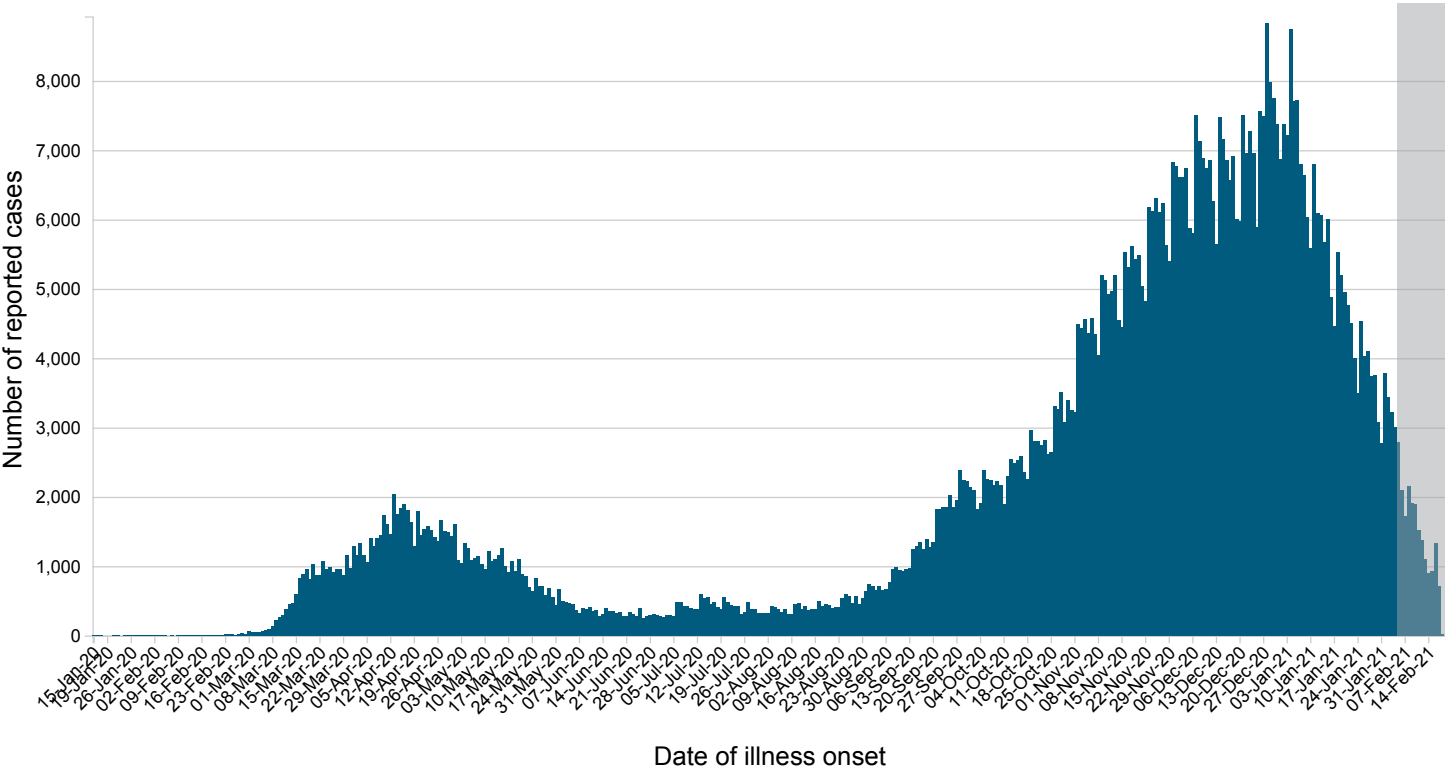
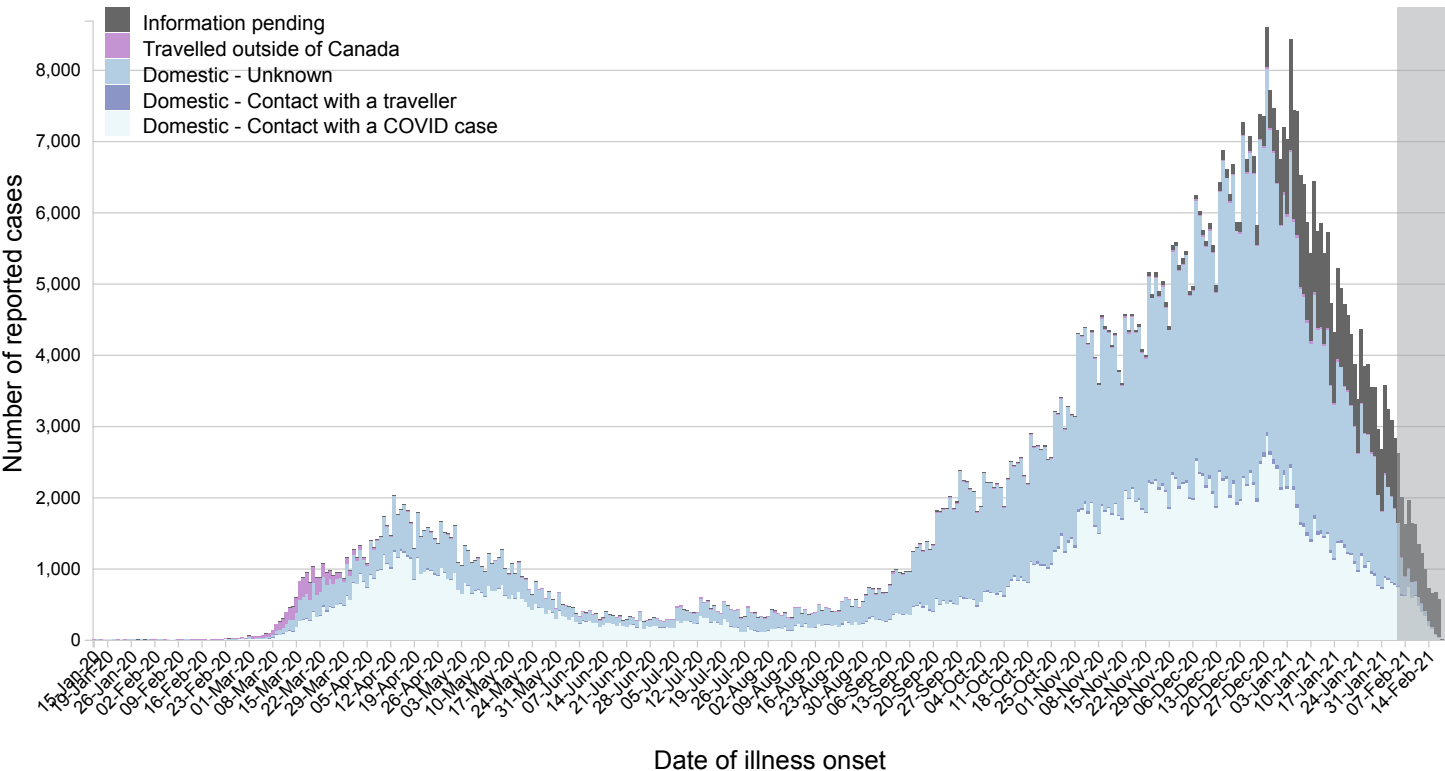
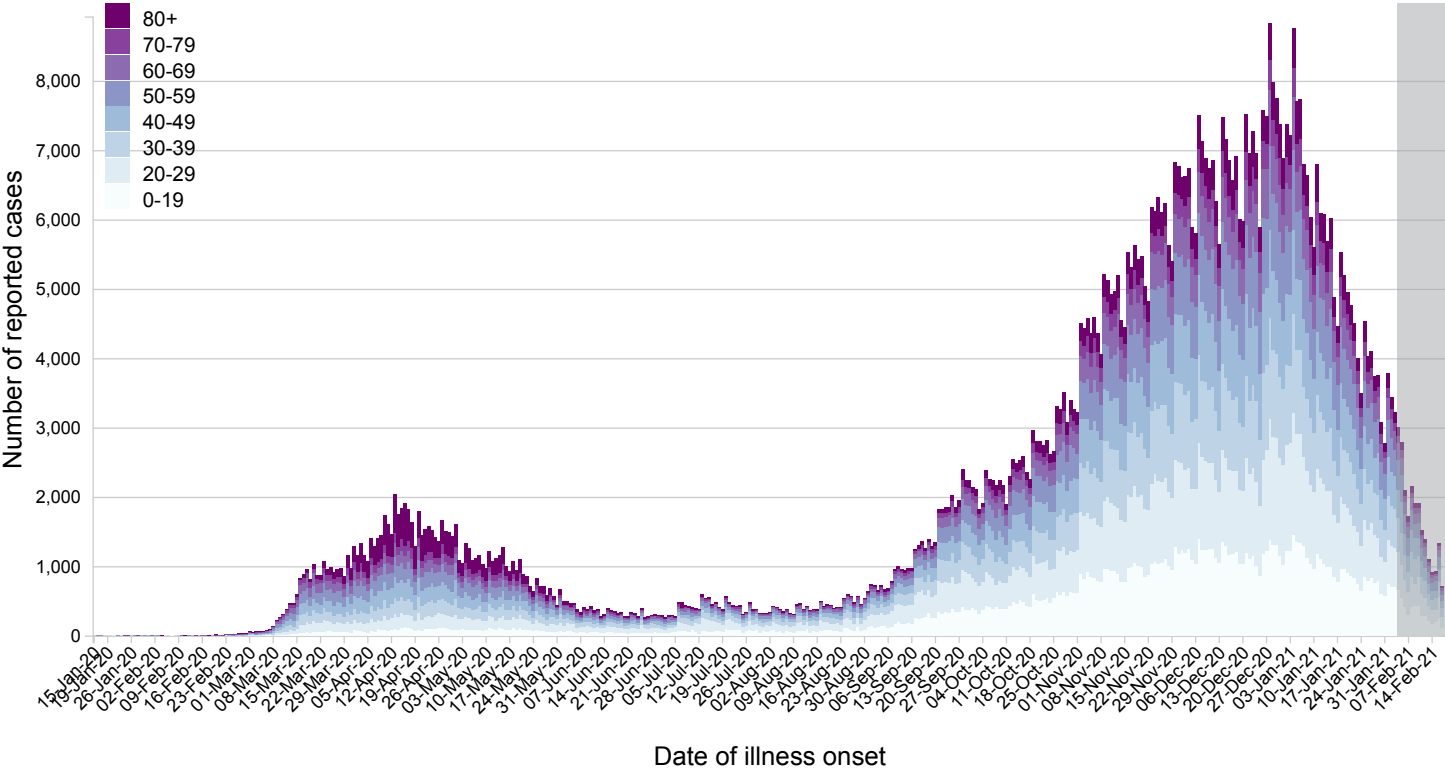


Figure 2. COVID-19 cases (n=767,596 <sup>1</sup>) in Canada by date of illness onset <sup>2</sup> as of February 19, 2021, 7 pm EST (by exposure)

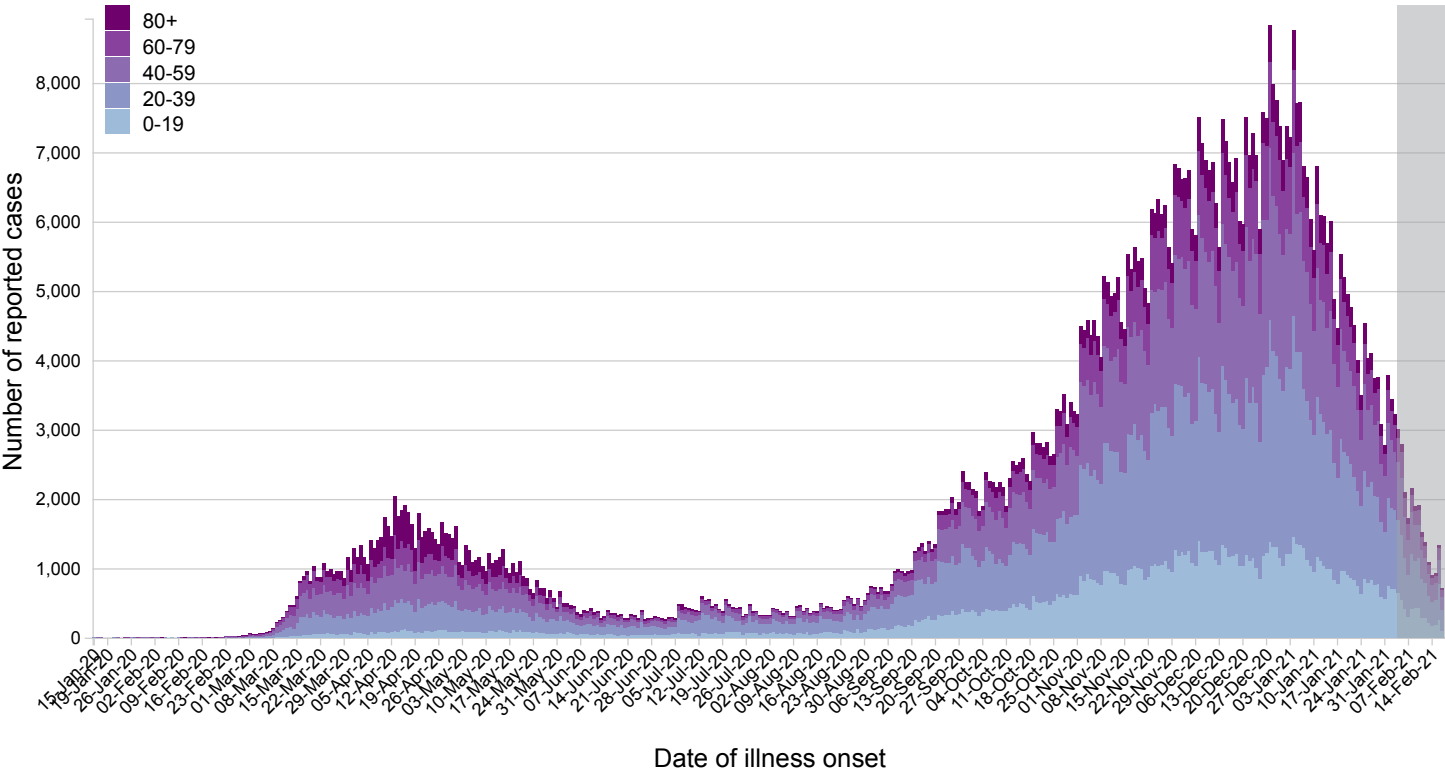




**Figure 2. COVID-19 cases (n=822,202 <sup>1</sup>) in Canada by date of illness onset <sup>2</sup> as of February 19, 2021, 7 pm EST (by age - 10 year groups)**



**Figure 2. COVID-19 cases (n=822,202 <sup>1</sup>) in Canada by date of illness onset <sup>2</sup> as of February 19, 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.

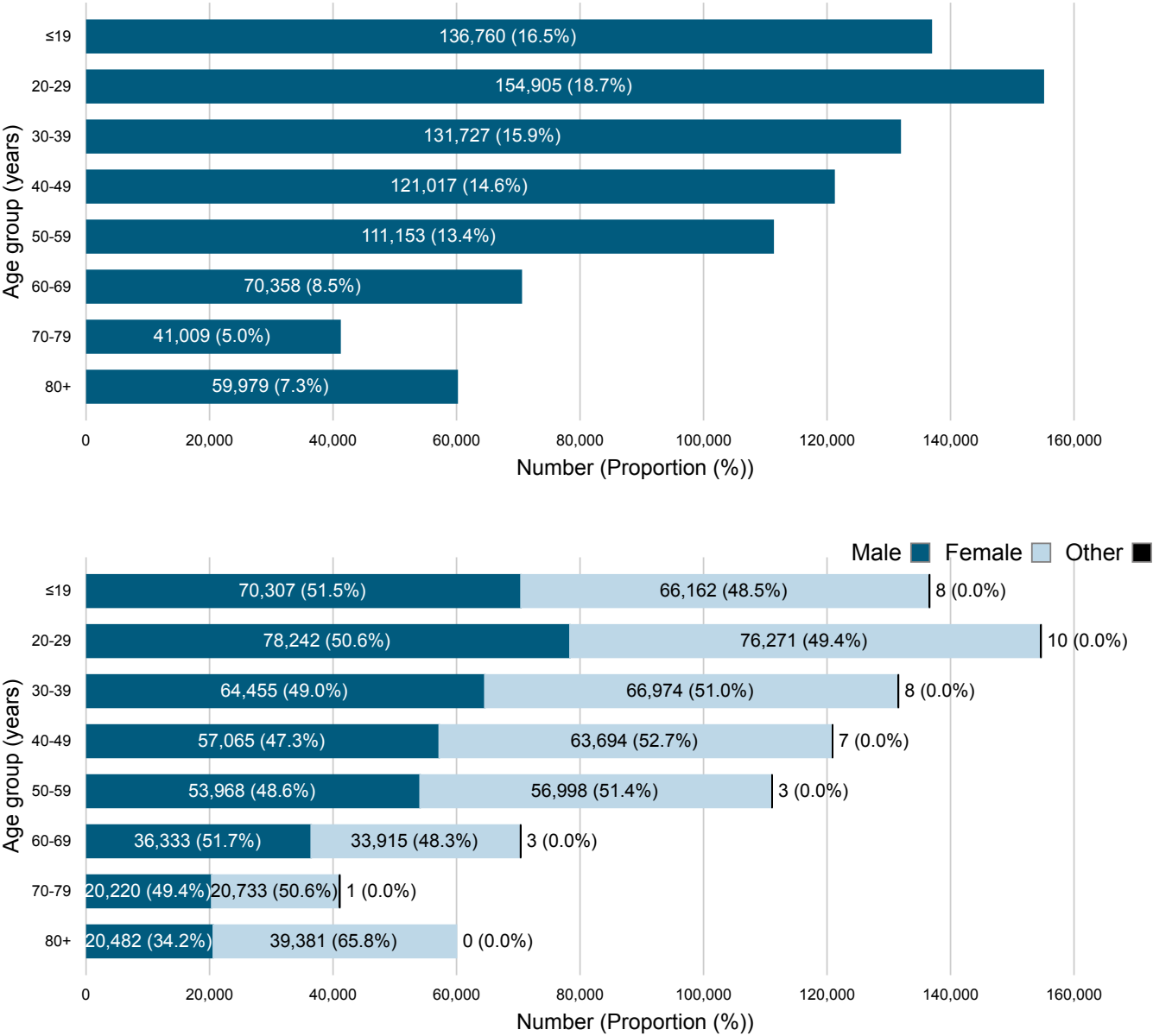
This figure may be an underestimate of the total number of cases among returning travelers as exposure history are not available for all cases and not all jurisdictions have consistently reported exposure history to PHAC throughout the COVID-19 pandemic.

## Demographics

Detailed case report data were provided on 827,113 cases; age information was available for 826,908 (99.98%) cases, and both age and sex were available for 825,240 (99.77%) cases.

Of the COVID-19 cases reported in Canada to date, approximately half (51.4%) are female. Approximately one-fifth (20.7%) of cases are 60 years old and over (Figure 3).

Figure 3. **Age** distribution of COVID-19 cases (n=826,908<sup>1</sup>) in Canada as of February 19, 2021, 7 pm EST<sup>3</sup>



## Age by sex <sup>3</sup> distribution of COVID-19 cases (n=826,908 <sup>1</sup>) in Canada, February 19, 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	136,760 (16.5%)	70,307 (17.5%)	66,162 (15.6%)	8 (20.0%)
20-29	154,905 (18.7%)	78,242 (19.5%)	76,271 (18.0%)	10 (25.0%)
30-39	131,727 (15.9%)	64,455 (16.1%)	66,974 (15.8%)	8 (20.0%)
40-49	121,017 (14.6%)	57,065 (14.2%)	63,694 (15.0%)	7 (17.5%)
50-59	111,153 (13.4%)	53,968 (13.5%)	56,998 (13.4%)	3 (7.5%)
60-69	70,358 (8.5%)	36,333 (9.1%)	33,915 (8.0%)	3 (7.5%)
70-79	41,009 (5.0%)	20,220 (5.0%)	20,733 (4.9%)	1 (2.5%)
80+	59,979 (7.3%)	20,482 (5.1%)	39,381 (9.3%)	0 (0.0%)

## Exposure setting

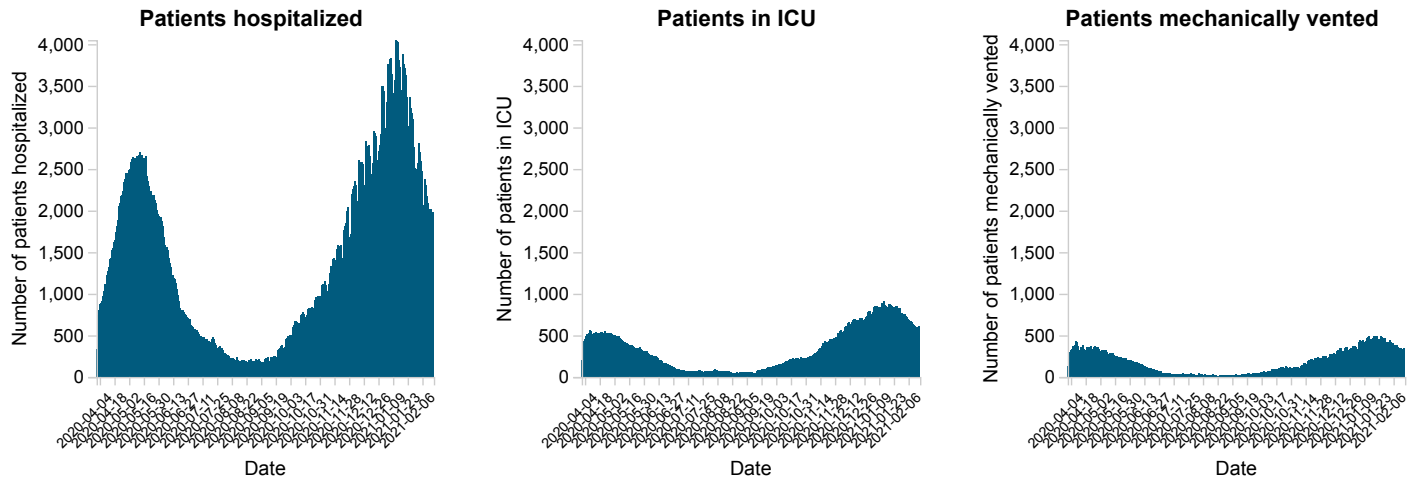
In Canada ▼, detailed case report data were provided on 827,113 cases; exposure history was available for 771,941 (93.3%) cases. The probable exposure setting of these reported cases <sup>1</sup> are:

- domestic acquisition (defined as any exposure that occurred within Canada): **706,483 (91.5%)**
  - from contact with a COVID case: **295,464 (38.3%)**
  - from contact with a traveller: **5,989 (0.8%)**
  - from an unknown source: **405,030 (52.5%)**
- currently unknown (information pending): **57,553 (7.5%)**
- travelled outside of Canada: **7,905 (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 16, 2021



Between February 9, 2021 and February 16, 2021:

- The number of **hospital beds** occupied by COVID-19 patients **decreased** from **2,305** to **1,974** beds.
- The number of **ICU beds** occupied by COVID-19 patients **decreased** from **661** to **609** beds.
- The number of **COVID-19 patients who were mechanically vented decreased** from **373** to **347** beds.

## Hospitalizations To Date

Detailed case report data were provided on 827,113 cases; hospitalization status information was available for 592,756 (71.7%) of these cases:

- **45,893 cases (7.7%)** were hospitalized, of whom:
  - **8,141 (17.7%)** were admitted to the ICU
  - **1,501 (3.3%)** required mechanical ventilation

Detailed case report forms have been received from provinces and territories for **21,269** deaths related to COVID-19.

Figure 5a. Age and gender <sup>3</sup> distribution of COVID-19 cases hospitalized in Canada as of February 19, 2021, 7 pm EST (n=45,843 <sup>1</sup>)

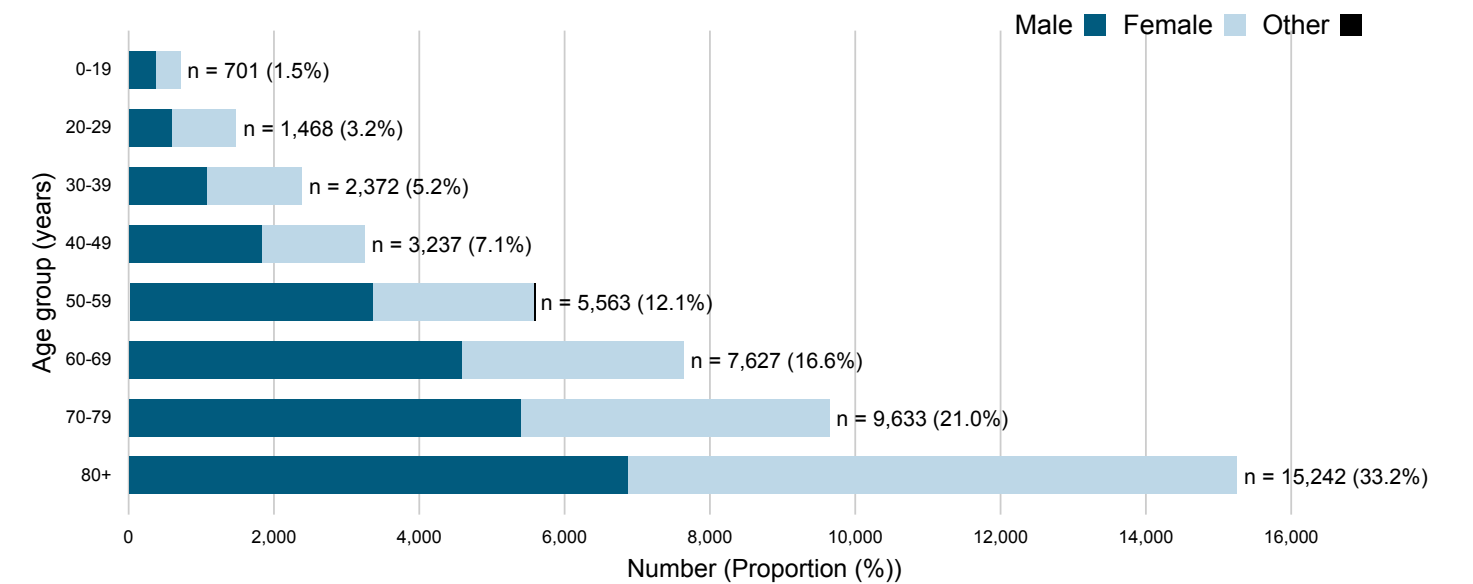


Figure 5b. Age and gender <sup>3</sup> distribution of COVID-19 cases admitted to ICU in Canada as of February 19, 2021, 7 pm EST (n=8,130 <sup>1</sup>)

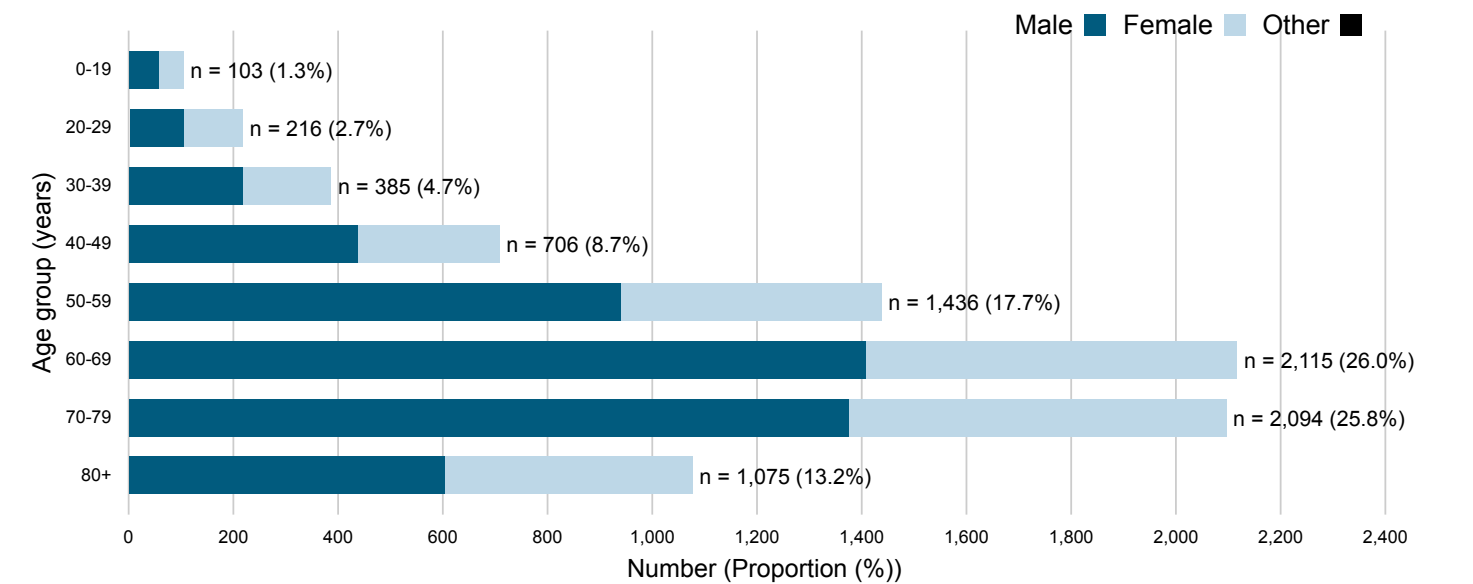
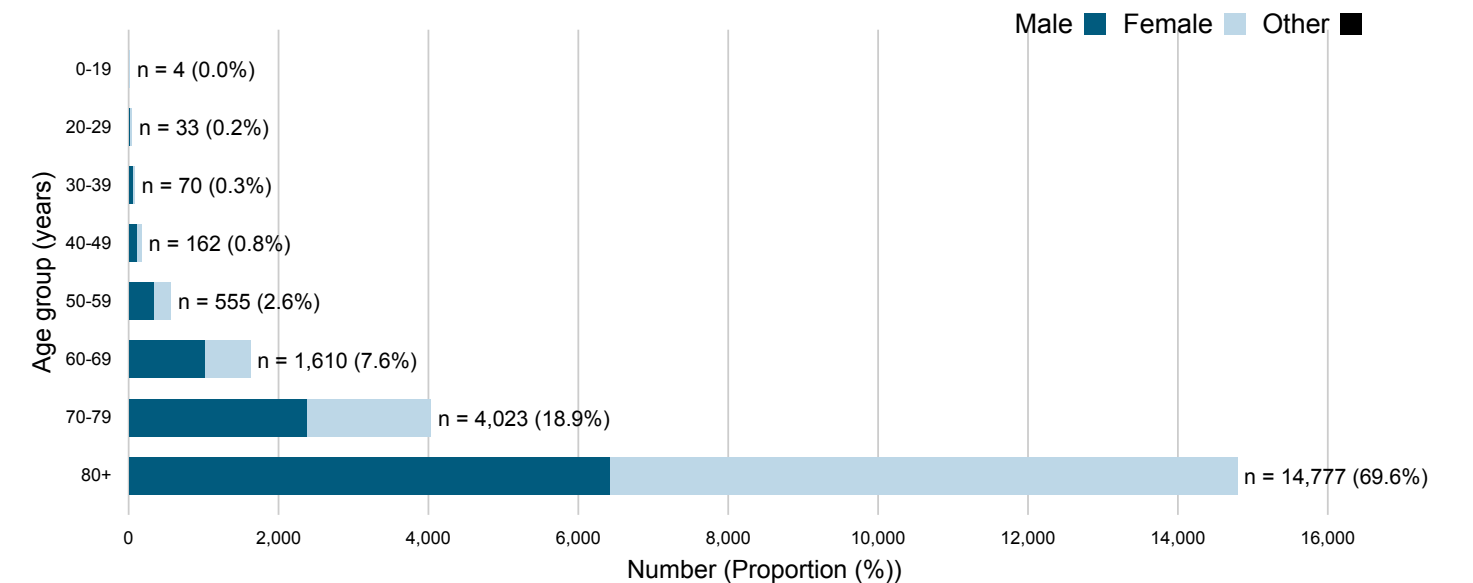


Figure 5c. Age and gender <sup>3</sup> distribution of COVID-19 cases deceased in Canada as of February 19, 2021, 7 pm EST (n=21,234 <sup>1</sup>)



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 19, 2021, 7 pm EST (n=45,843 <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	701 (1.5%)	363 (0.8%)	338 (0.7%)	0 (0.0%)
20-29	1,468 (3.2%)	594 (1.3%)	874 (1.9%)	0 (0.0%)
30-39	2,372 (5.2%)	1,068 (2.3%)	1,304 (2.8%)	0 (0.0%)
40-49	3,237 (7.1%)	1,833 (4.0%)	1,404 (3.1%)	0 (0.0%)
50-59	5,563 (12.1%)	3,358 (7.3%)	2,204 (4.8%)	1 (0.0%)
60-69	7,627 (16.6%)	4,585 (10.0%)	3,042 (6.6%)	0 (0.0%)
70-79	9,633 (21.0%)	5,393 (11.8%)	4,240 (9.2%)	0 (0.0%)
80+	15,242 (33.2%)	6,865 (15.0%)	8,377 (18.3%)	0 (0.0%)

**Age and gender <sup>3</sup> distribution of COVID-19 cases admitted to ICU in Canada as of February 19, 2021, 7 pm EST (n=8,130 <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	103 (1.3%)	57 (0.7%)	46 (0.6%)	0 (0.0%)
20-29	216 (2.7%)	105 (1.3%)	111 (1.4%)	0 (0.0%)
30-39	385 (4.7%)	218 (2.7%)	167 (2.1%)	0 (0.0%)
40-49	706 (8.7%)	436 (5.4%)	270 (3.3%)	0 (0.0%)
50-59	1,436 (17.7%)	939 (11.5%)	497 (6.1%)	0 (0.0%)
60-69	2,115 (26.0%)	1,407 (17.3%)	708 (8.7%)	0 (0.0%)
70-79	2,094 (25.8%)	1,374 (16.9%)	720 (8.9%)	0 (0.0%)
80+	1,075 (13.2%)	602 (7.4%)	473 (5.8%)	0 (0.0%)



**Age and gender <sup>3</sup> distribution of COVID-19 cases deceased in Canada as of February 19, 2021, 7 pm EST (n=21,234 <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	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	70 (0.3%)	48 (0.2%)	22 (0.1%)	0 (0.0%)
40-49	162 (0.8%)	101 (0.5%)	61 (0.3%)	0 (0.0%)
50-59	555 (2.6%)	329 (1.5%)	226 (1.1%)	0 (0.0%)
60-69	1,610 (7.6%)	1,006 (4.7%)	604 (2.8%)	0 (0.0%)
70-79	4,023 (18.9%)	2,379 (11.2%)	1,644 (7.7%)	0 (0.0%)
80+	14,777 (69.6%)	6,411 (30.2%)	8,366 (39.4%)	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 Where available gender data was used; when gender data was unavailable sex data was used. Reliable data on gender diverse respondents are unavailable due to small counts.
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**Date modified:**

2021-02-24