



Coronavirus disease 2019 (COVID-19): Epidemiology update

Updated: January 28, 2021, 7 pm EST

Key updates as of January 28, 2021, 7 pm EST

Cases today

Total cases

4,877 **766,103**

Active cases

Total recovered

57,020 **689,419**

Deaths today

Total deaths

131 **19,664**

Tested today

Total tested

Percent positive (total)

People tested per 1 million

92,645

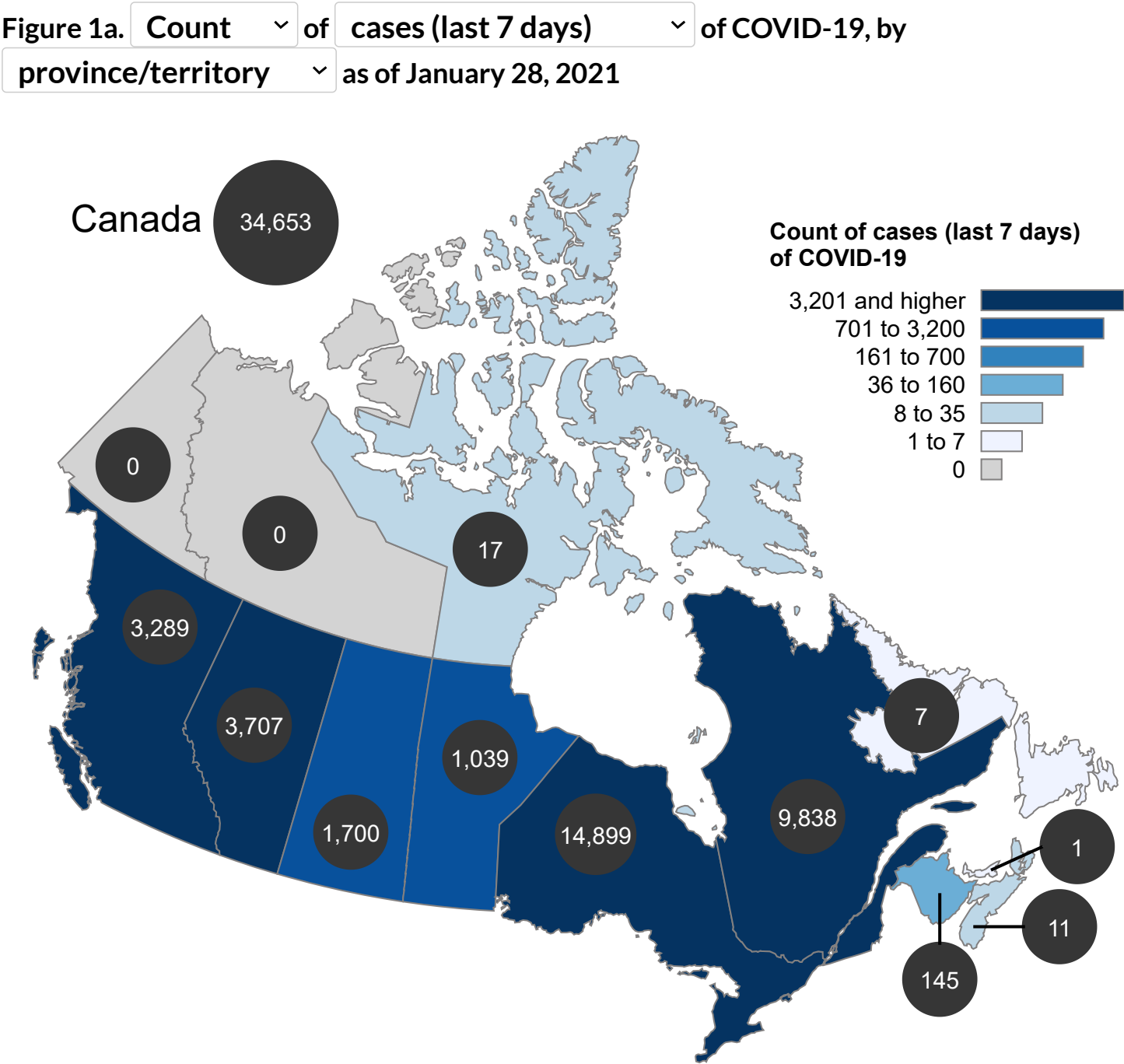
17,290,560

4.3%

459,987

- 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 (68.0%) and deaths (79.7%) have been reported by Ontario and Quebec.
- Of the jurisdictions reporting updates (n=12), no new cases have been reported in 2 provinces or territories within the past 24 hours.
- Of the jurisdictions reporting updates (n=12), no new deaths have been reported in 6 provinces or territories within the past 24 hours.
- A decrease in the number of provinces and territories reporting person-based testing metrics is anticipated with the change in reporting methodology to test-based metrics. On February 1, 2021, reporting will begin with the new test-based metrics.

Current situation



The count of cases (last 7 days) of COVID-19 in **Canada** was **34,653** as of January 28, 2021.

This information is based on data from our provincial and territorial partners. It is current as of January 28, 2021, 7 pm EST. 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 January 28, 2021

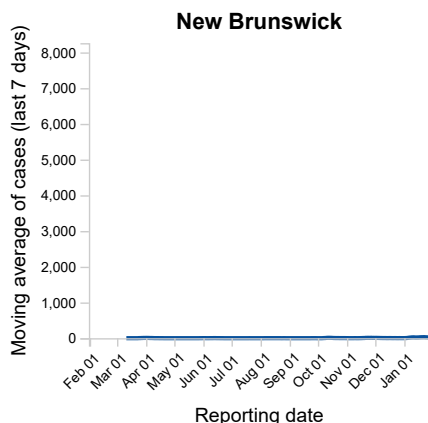
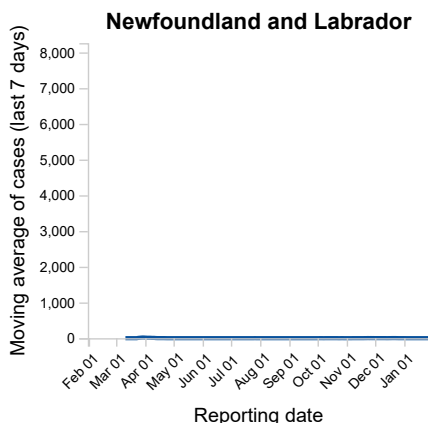
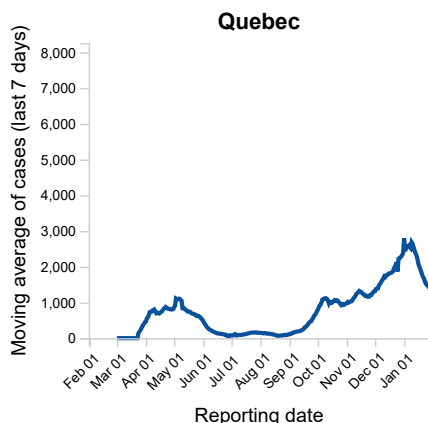
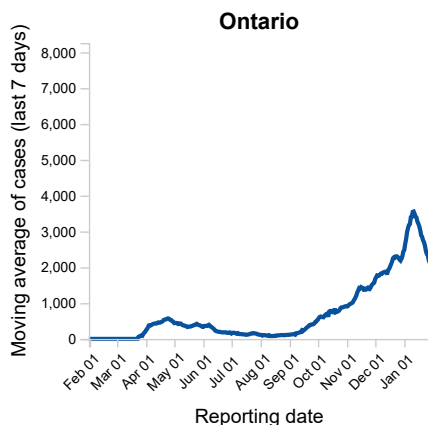
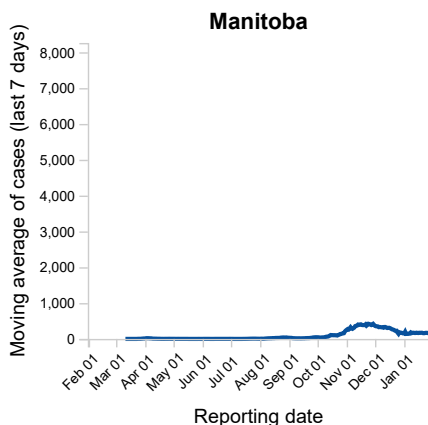
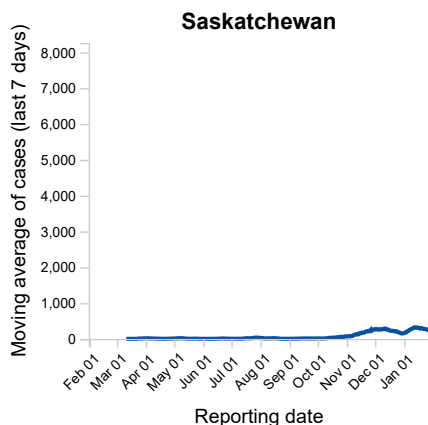
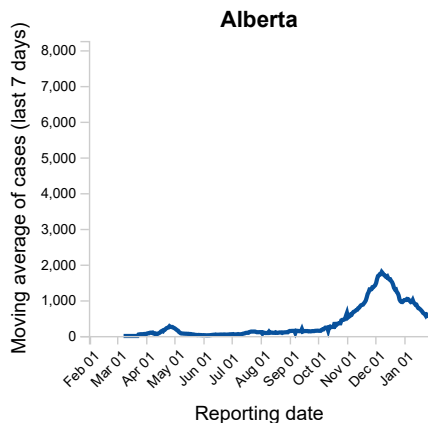
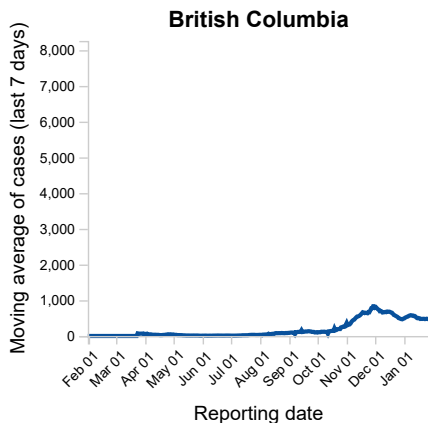
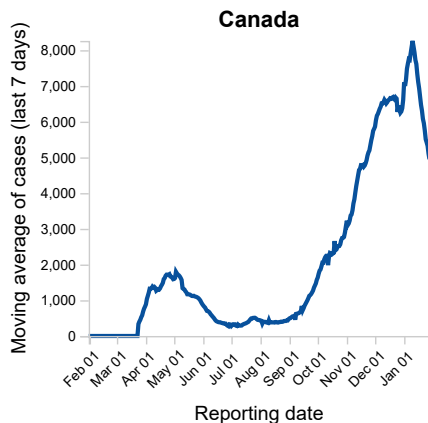
Location	Total cases		Cases last 7 days		Active cases		Recovered	Deaths		Deaths last 7 days		Tested	
	Count	Rate*	Count	Rate*	Count	Rate*	Count	Count	Rate*	Count	Rate*	Count	Rate†
Canada	766,103	2,038	34,653	92	57,020	152	689,419	19,664	52	1,042	3	17,290,560	459,987
British Columbia	66,265	1,307	3,289	65	5,940	117	59,141	1,184	23	65	1	1,044,931	206,046
Alberta	122,821	2,810	3,707	85	8,041	184	113,174	1,606	37	106	2	3,106,652	710,690
Saskatchewan	23,038	1,962	1,700	145	2,478	211	20,275	285	24	46	4	333,534	283,989
Manitoba	29,128	2,127	1,039	76	3,456	252	24,851	821	60	28	2	452,461	330,393
Ontario	262,463	1,802	14,899	102	21,478	147	234,971	6,014	41	400	3	9,123,649	626,343
Quebec	258,698	3,049	9,838	116	15,263	180	233,768	9,667	114	394	5	2,695,925	317,730
Newfoundland and Labrador	404	77	7	1	12	2	388	4	1	0	0	79,067	151,602
New Brunswick	1,202	155	145	19	314	40	872	16	2	3	0	138,569	178,378
Nova Scotia	1,576	162	11	1	11	1	1,500	65	7	0	0	203,026	209,005
Prince Edward Island	111	71	1	1	6	4	105	0	0	0	0	89,812	572,244
Yukon	70	171	0	0	0	0	69	1	2	0	0	6,264	153,326
Northwest Territories	31	69	0	0	3	7	28	0	0	0	0	9,064	202,204
Nunavut	283	730	17	44	18	46	264	1	3	0	0	7,530	194,172

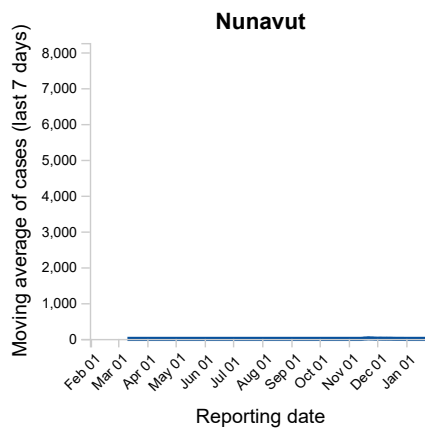
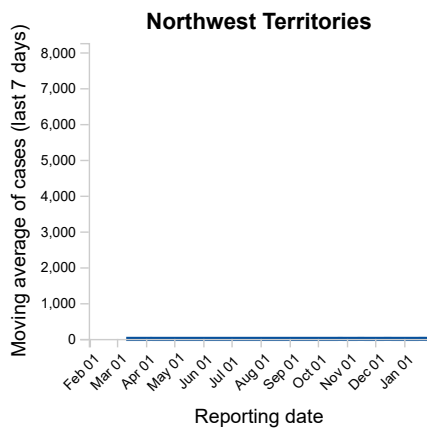
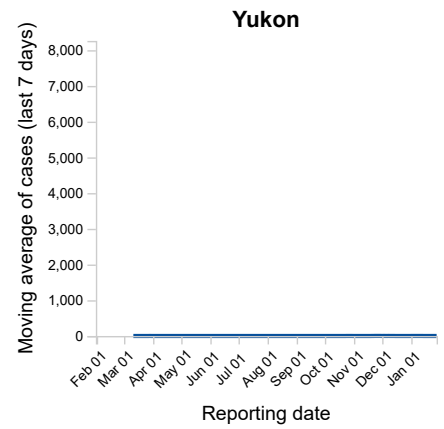
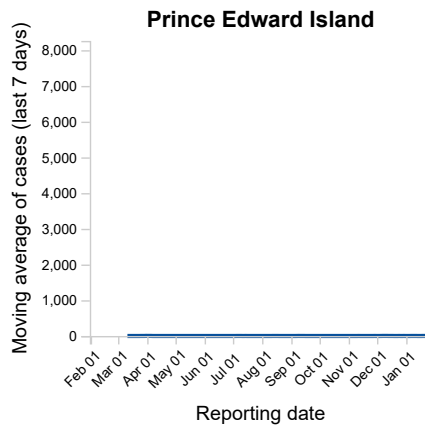
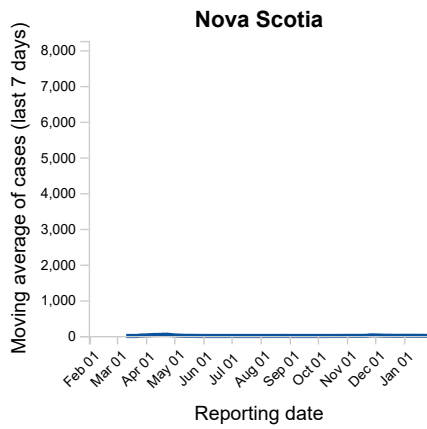
† Rate per 1,000,000 population

* Rate per 100,000 population

Figure 1b. **Moving average** of **cases (last 7 days)** of COVID-19 in Canada as of January 28, 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

Over **17,290,560** people have been tested for COVID-19 in Canada. This corresponds to a test rate of **459,987 per 1 million people**. Of all people tested, **4.3%** 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 people tested, by location in Canada as of January 28, 2021, 7 pm EST

Location	New cases	New deaths	Number of people tested
Canada	4,877	131	92,645
British Columbia	546	12	N/A
Alberta	461	7	24,990
Saskatchewan	244	11	1,094
Manitoba	132	8	2,267
Ontario	2,093	56	62,549
Quebec	1,368	37	N/A
Newfoundland and Labrador	4	0	264
New Brunswick	27	0	N/A
Nova Scotia	0	0	896
Prince Edward Island	1	0	528
Yukon	0	0	7
Northwest Territories	N/A	N/A	N/A
Nunavut	1	0	50

* 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. A decrease in the number of provinces and territories reporting person-based testing metrics is anticipated with the change in reporting methodology to test-based metrics. On February 1, 2021, reporting will begin with the new test-based metrics.

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 : January 22, 2021, 7 pm EST

Epidemic curve

As of January 22, 2021, 7 pm EST, the Public Health Agency of Canada has received detailed case report data on 711,893 cases; episode date was available for 706,495 (99.2%) cases, and both exposure and episode date were available for 488,982 (68.7%) 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=706,495 ¹) in Canada by date of illness onset ² as of January 22, 2021, 7 pm EST (total cases)

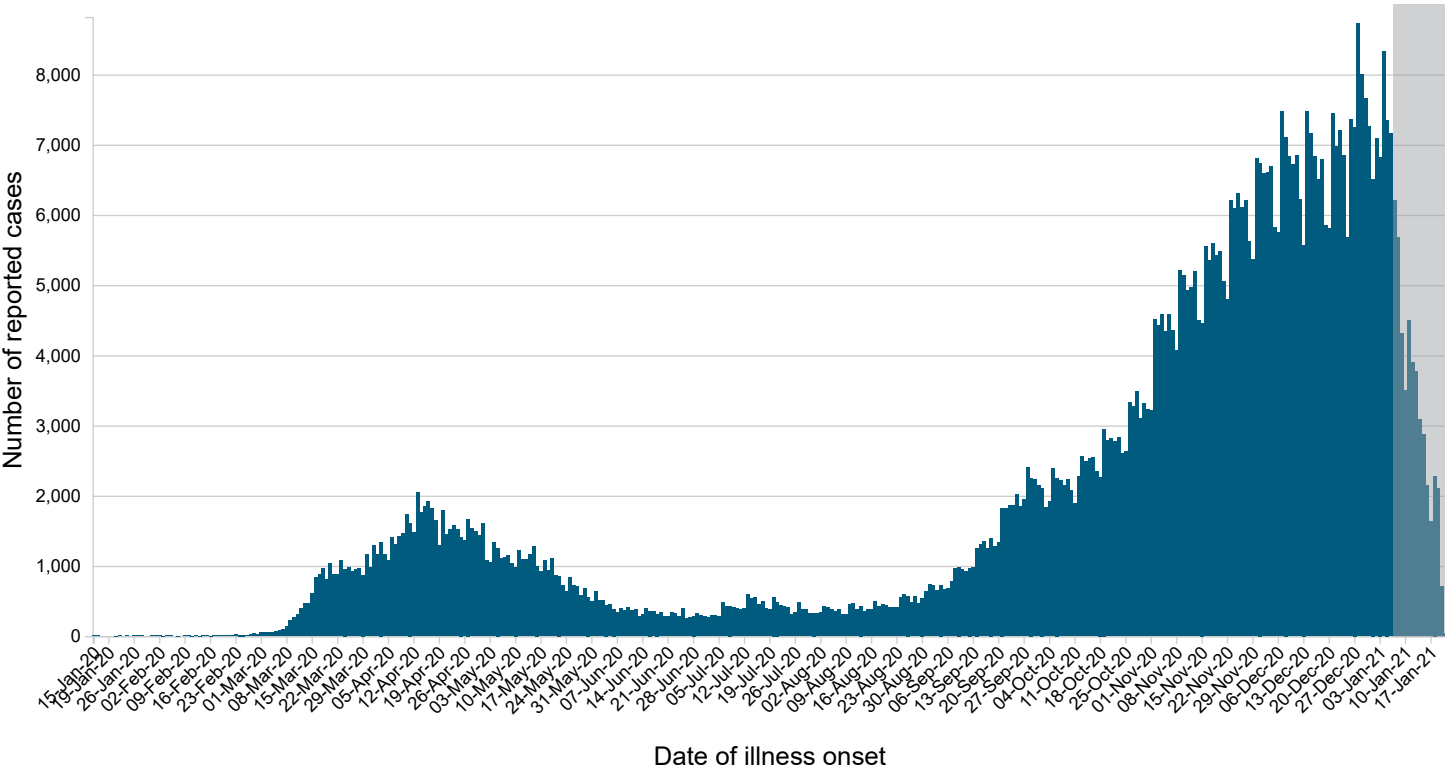


Figure 2. COVID-19 cases (n=488,982 ¹) in Canada by date of illness onset ² as of January 22, 2021, 7 pm EST (by exposure)

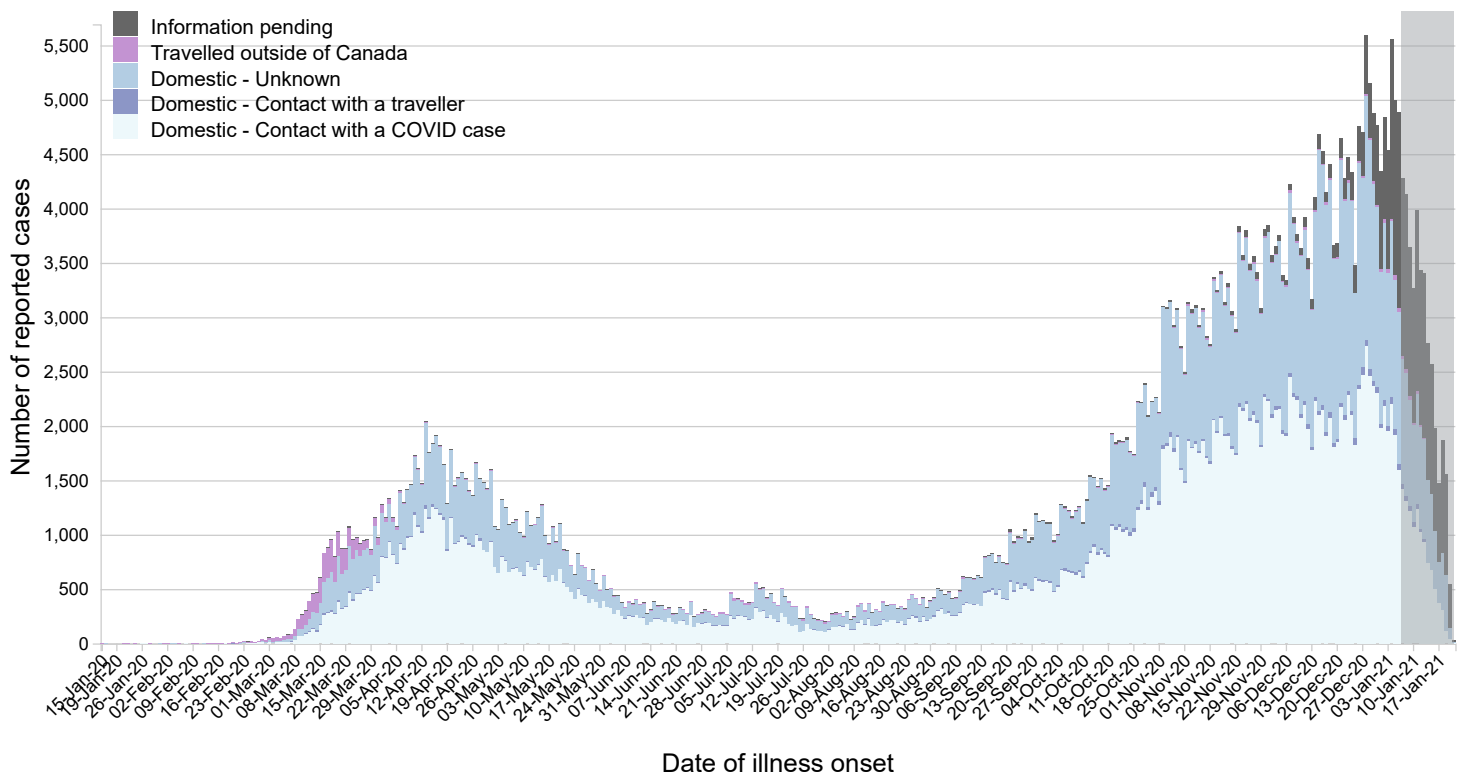


Figure 2. COVID-19 cases (n=706,330 ¹) in Canada by date of illness onset ² as of January 22, 2021, 7 pm EST (by age - 10 year groups)

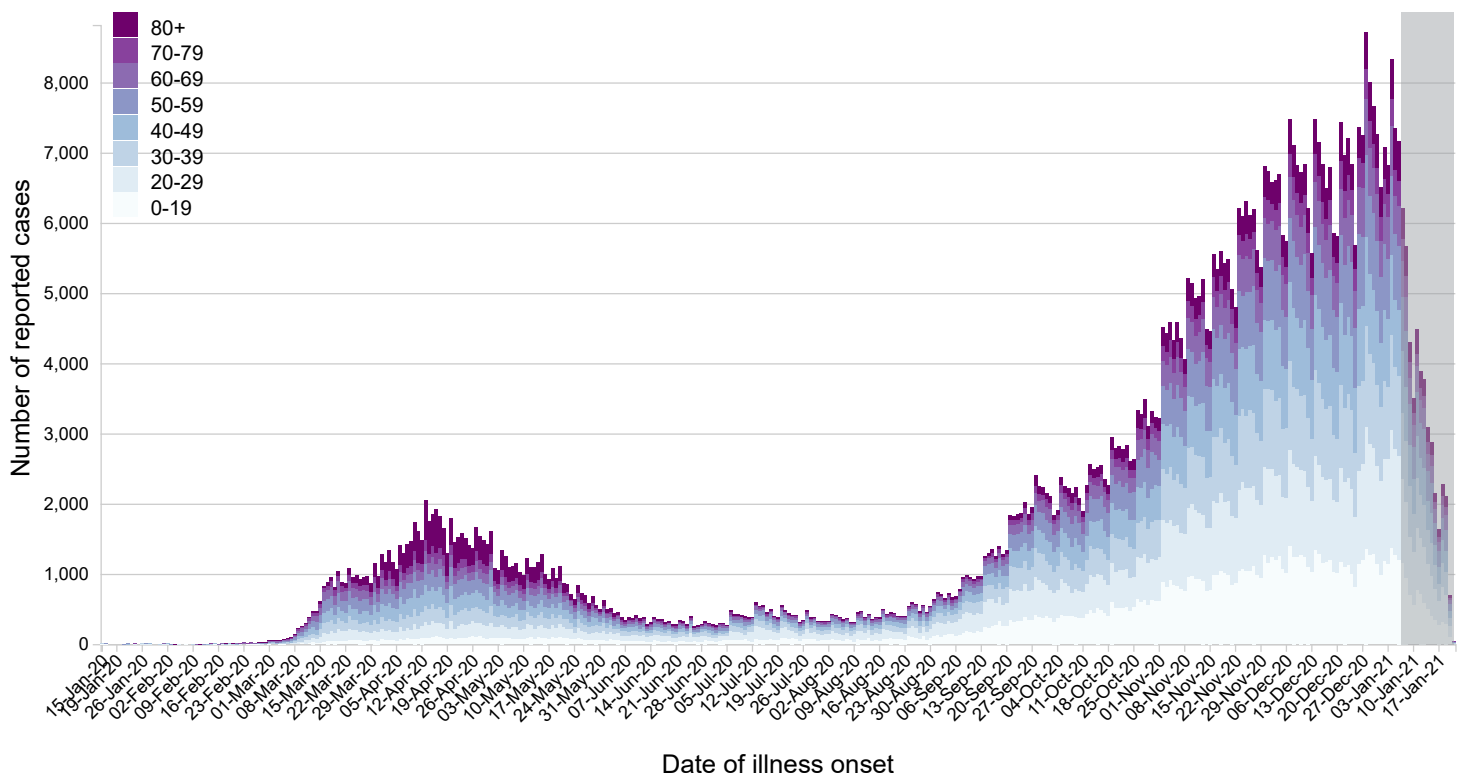
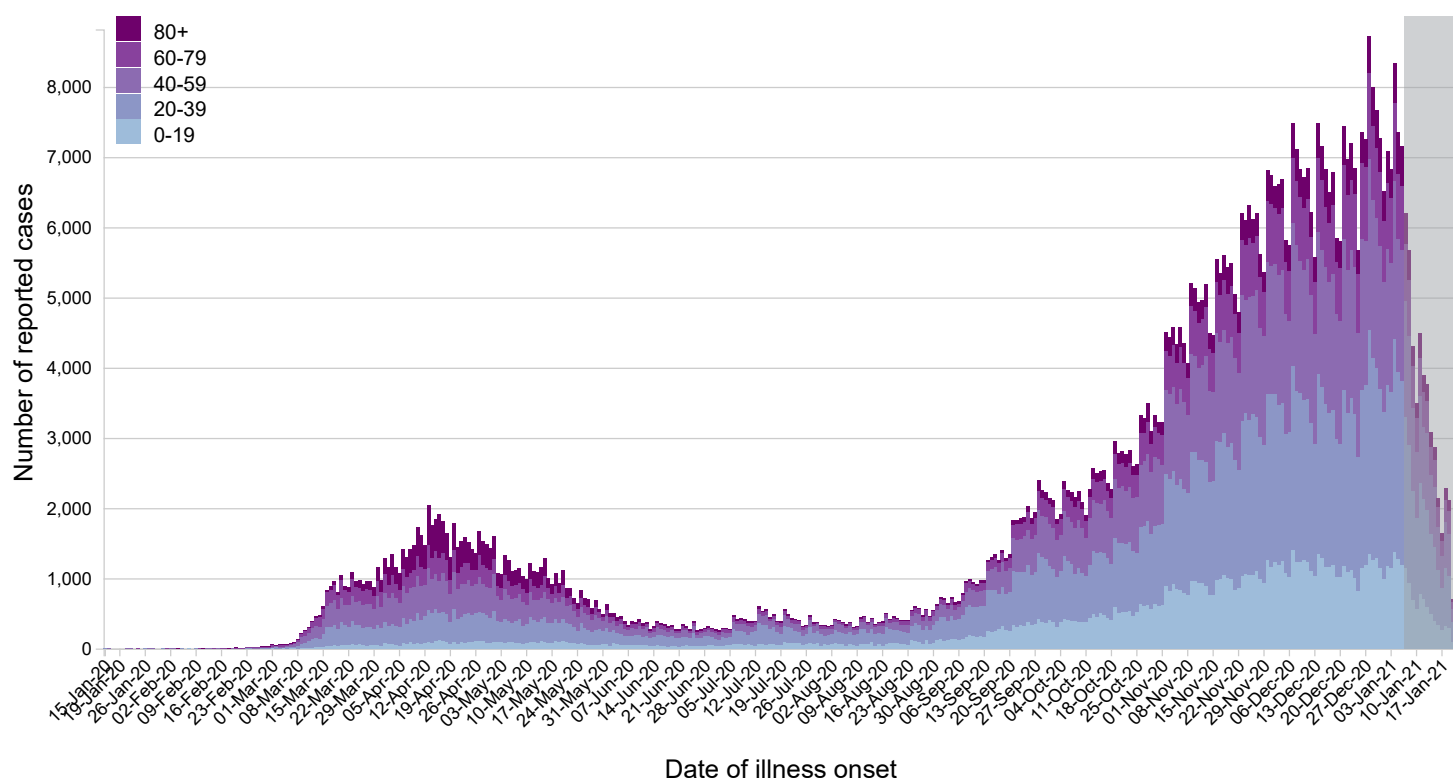


Figure 2. COVID-19 cases (n=706,330¹) in Canada by date of illness onset² as of January 22, 2021, 7 pm EST (by age - 20 year groups)



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.

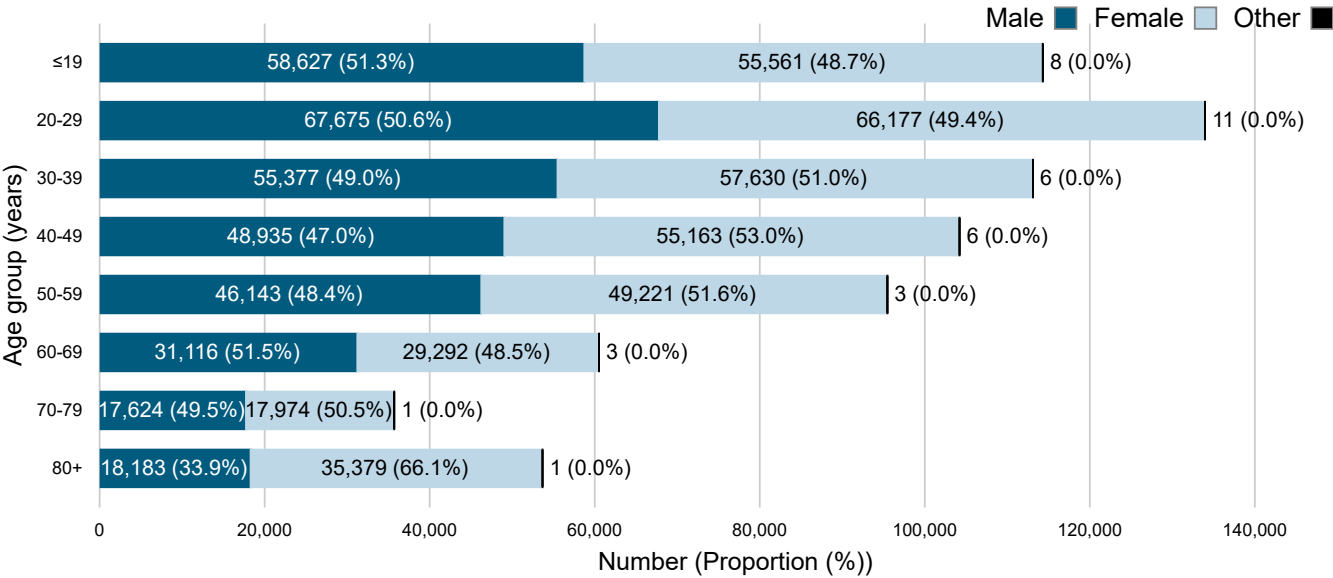
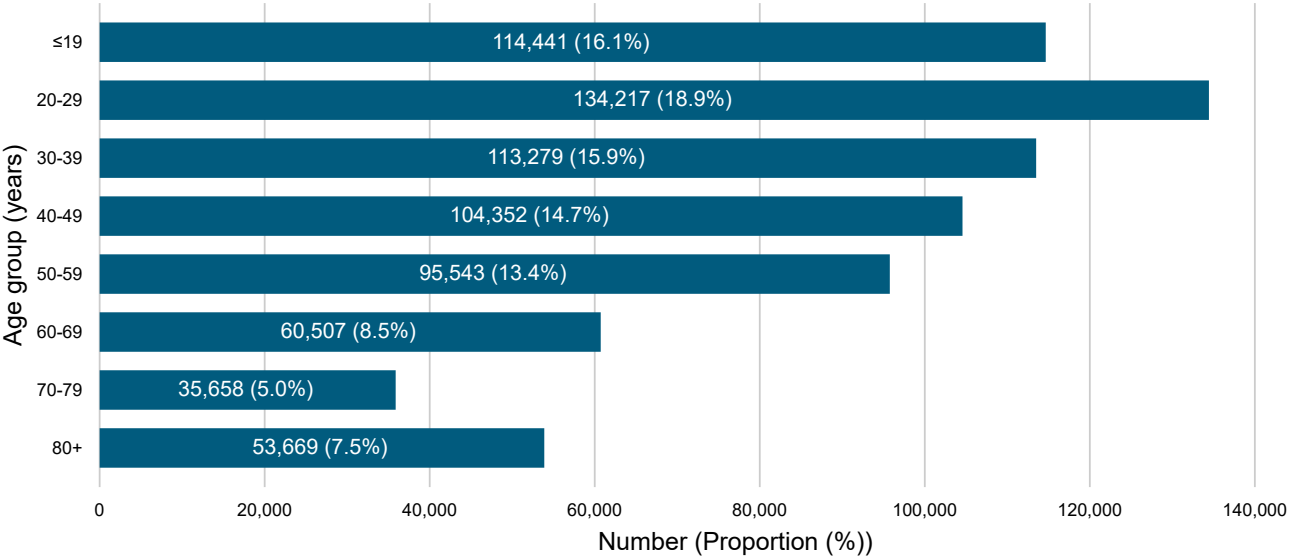
This figure may be an underestimate of the total number of cases among returning travelers as exposure history are not available for all cases and not all jurisdictions have consistently reported exposure history to PHAC throughout the COVID-19 pandemic.

Demographics

Detailed case report data were provided on 711,893 cases; age information was available for 711,666 (99.97%) cases, and both age and sex were available for 710,116 (99.75%) cases.

Of the COVID-19 cases reported in Canada to date, approximately half (51.6%) are female. Approximately one-fifth (21.1%) of cases are 60 years old and over (Figure 3).

Figure 3. Age ▼ distribution of COVID-19 cases (n=711,666 ¹) in Canada as of January 22, 2021, 7 pm EST ³



Age by sex ³ distribution of COVID-19 cases (n=711,666 ¹) in Canada, January 22, 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	114,441 (16.1%)	58,627 (17.1%)	55,561 (15.2%)	8 (20.5%)
20-29	134,217 (18.9%)	67,675 (19.7%)	66,177 (18.1%)	11 (28.2%)
30-39	113,279 (15.9%)	55,377 (16.1%)	57,630 (15.7%)	6 (15.4%)
40-49	104,352 (14.7%)	48,935 (14.2%)	55,163 (15.1%)	6 (15.4%)
50-59	95,543 (13.4%)	46,143 (13.4%)	49,221 (13.4%)	3 (7.7%)
60-69	60,507 (8.5%)	31,116 (9.1%)	29,292 (8.0%)	3 (7.7%)
70-79	35,658 (5.0%)	17,624 (5.1%)	17,974 (4.9%)	1 (2.6%)
80+	53,669 (7.5%)	18,183 (5.3%)	35,379 (9.7%)	1 (2.6%)

Exposure setting

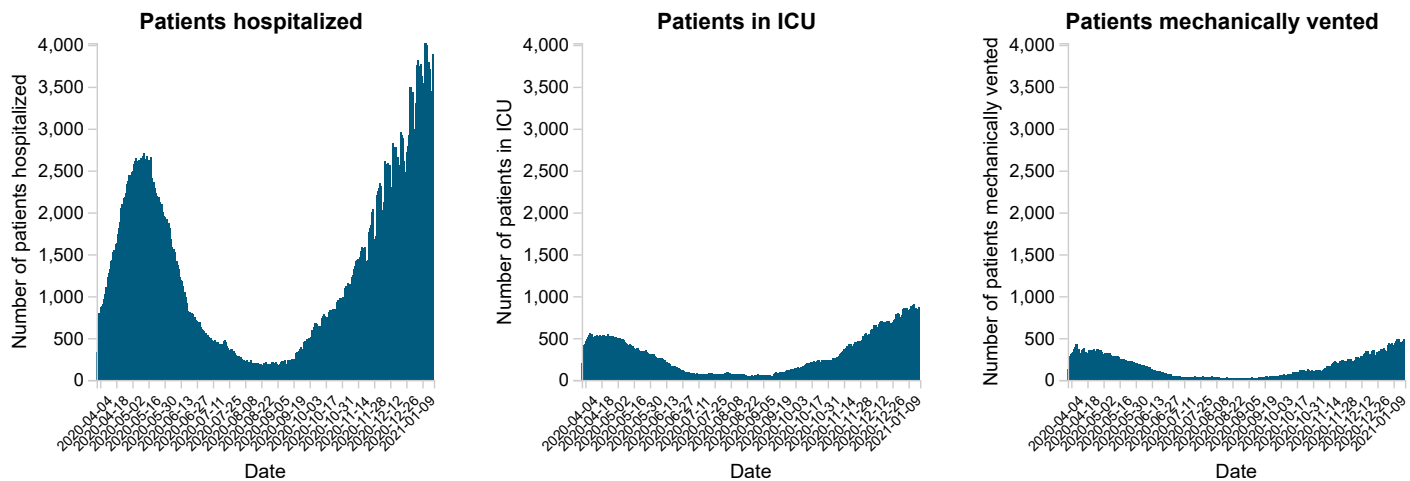
In Canada ▼, detailed case report data were provided on 711,893 cases; exposure history was available for 490,806 (68.9%) cases. The probable exposure setting of these reported cases ¹ are:

- domestic acquisition (defined as any exposure that occurred within Canada): **451,481 (92.0%)**
 - from contact with a COVID case: **262,121 (53.4%)**
 - from contact with a traveller: **4,956 (1.0%)**
 - from an unknown source: **184,404 (37.6%)**
- currently unknown (information pending): **32,534 (6.6%)**
- travelled outside of Canada: **6,791 (1.4%)**

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 January 18, 2021



Between January 11, 2021 and January 18, 2021:

- The number of **hospital beds** occupied by COVID-19 patients **decreased** from **4,021** to **3,881** beds.
- The number of **ICU beds** occupied by COVID-19 patients **decreased** from **881** to **868** beds.
- The number of **COVID-19 patients who were mechanically vented** **increased** from **457** to **483** beds.

Hospitalizations To Date

Detailed case report data were provided on 711,893 cases; hospitalization status information was available for 509,468 (71.6%) of these cases:

- **39,171 cases (7.7%)** were hospitalized, of whom:
 - **7,089 (18.1%)** were admitted to the ICU
 - **1,310 (3.3%)** required mechanical ventilation

Detailed case report forms have been received from provinces and territories for **18,060** deaths related to COVID-19.

Figure 5a. Age and gender³ distribution of COVID-19 cases hospitalized in Canada as of January 22, 2021, 7 pm EST (n=39,128¹)

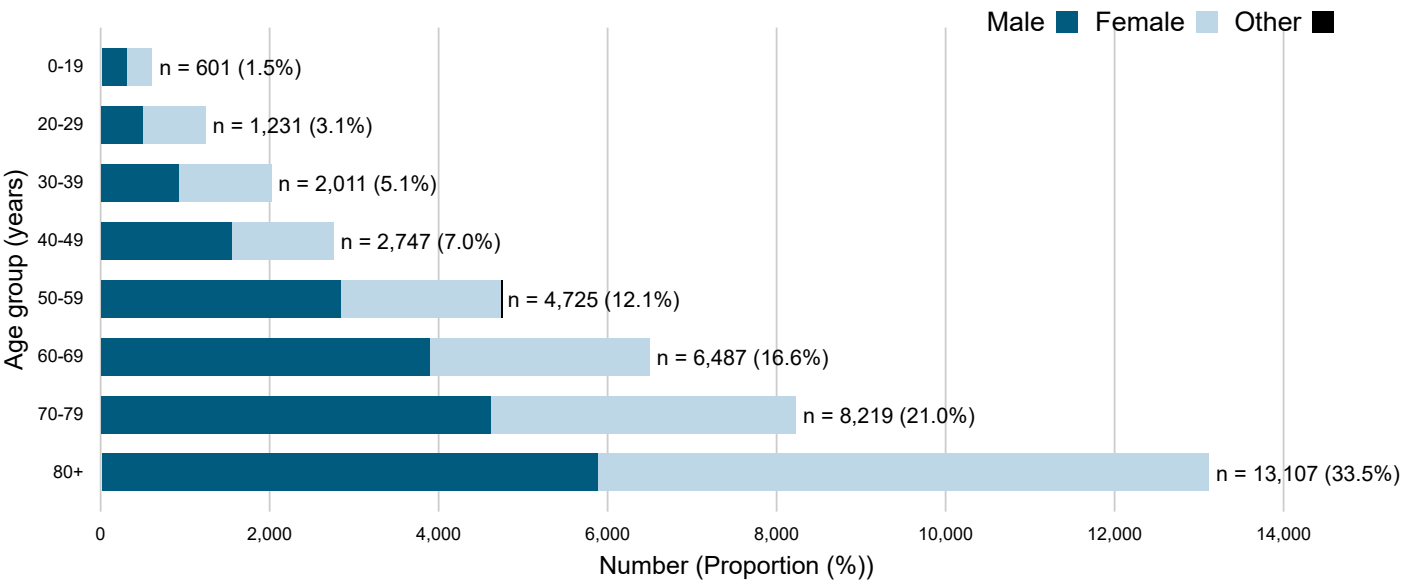


Figure 5b. Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of January 22, 2021, 7 pm EST (n=7,080 ¹)

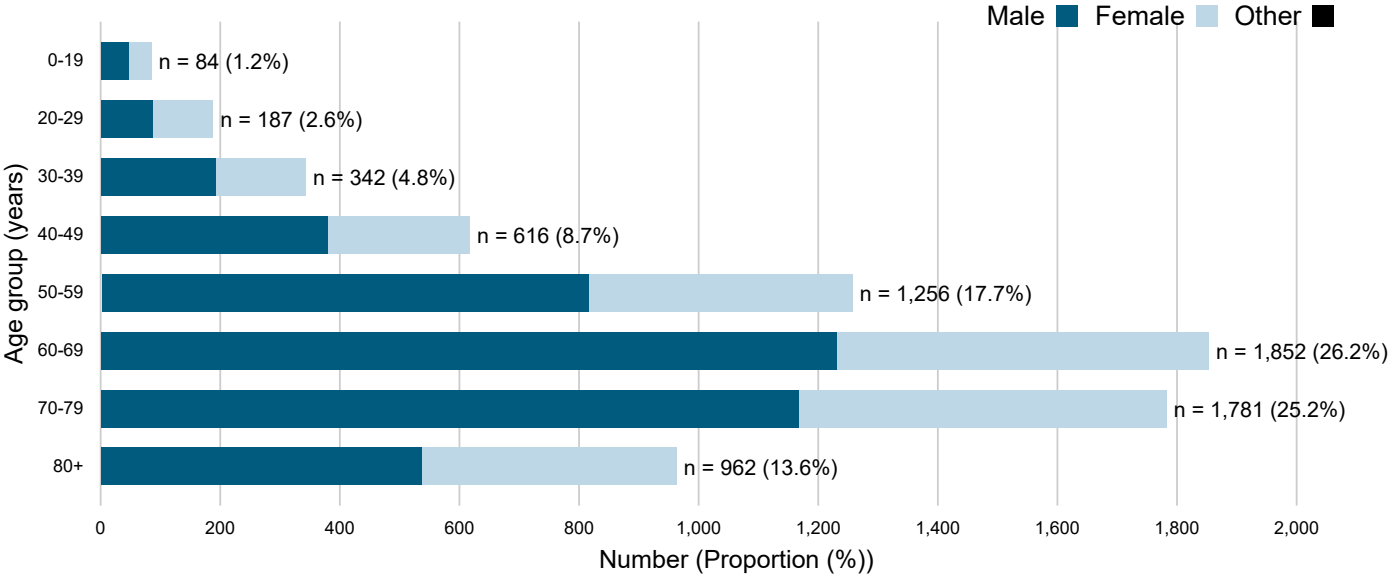
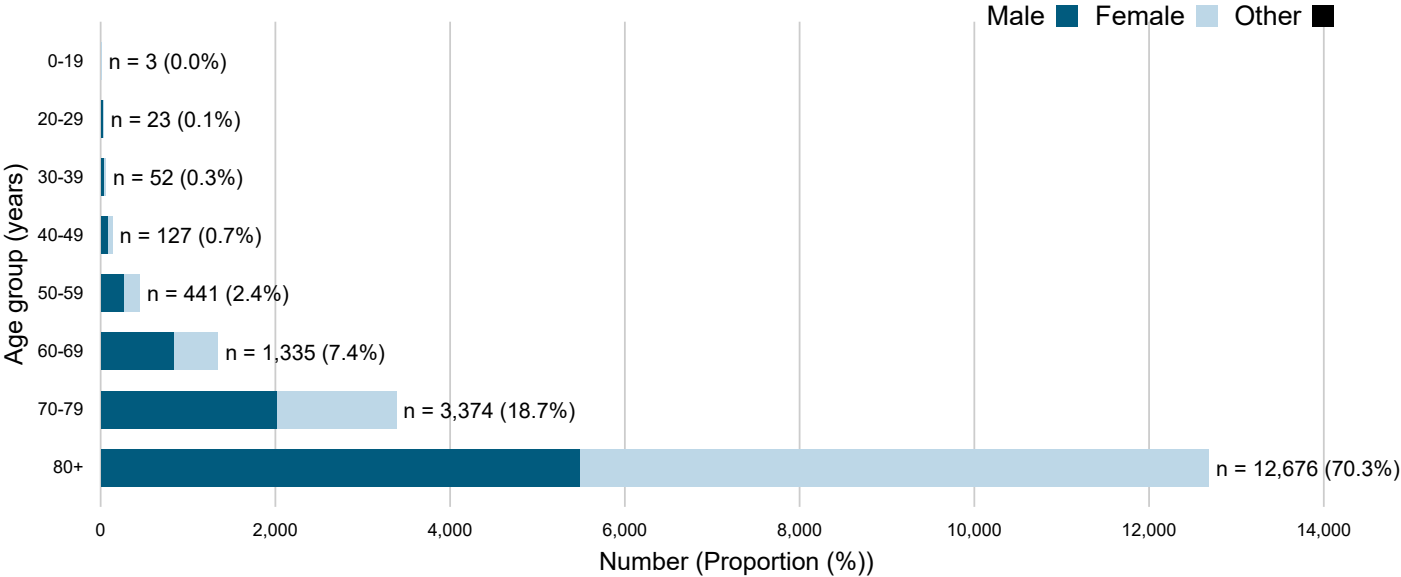


Figure 5c. Age and gender ³ distribution of COVID-19 cases deceased in Canada as of January 22, 2021, 7 pm EST (n=18,031 ¹)



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 22, 2021, 7 pm EST (n=39,128 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	601 (1.5%)	307 (0.8%)	294 (0.8%)	0 (0.0%)
20-29	1,231 (3.1%)	491 (1.3%)	740 (1.9%)	0 (0.0%)
30-39	2,011 (5.1%)	912 (2.3%)	1,099 (2.8%)	0 (0.0%)
40-49	2,747 (7.0%)	1,541 (3.9%)	1,206 (3.1%)	0 (0.0%)
50-59	4,725 (12.1%)	2,837 (7.3%)	1,887 (4.8%)	1 (0.0%)
60-69	6,487 (16.6%)	3,892 (9.9%)	2,595 (6.6%)	0 (0.0%)
70-79	8,219 (21.0%)	4,611 (11.8%)	3,608 (9.2%)	0 (0.0%)
80+	13,107 (33.5%)	5,881 (15.0%)	7,226 (18.5%)	0 (0.0%)

Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of January 22, 2021, 7 pm EST (n=7,080 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	84 (1.2%)	46 (0.6%)	38 (0.5%)	0 (0.0%)
20-29	187 (2.6%)	87 (1.2%)	100 (1.4%)	0 (0.0%)
30-39	342 (4.8%)	192 (2.7%)	150 (2.1%)	0 (0.0%)
40-49	616 (8.7%)	380 (5.4%)	236 (3.3%)	0 (0.0%)
50-59	1,256 (17.7%)	816 (11.5%)	440 (6.2%)	0 (0.0%)
60-69	1,852 (26.2%)	1,231 (17.4%)	621 (8.8%)	0 (0.0%)
70-79	1,781 (25.2%)	1,166 (16.5%)	615 (8.7%)	0 (0.0%)
80+	962 (13.6%)	537 (7.6%)	425 (6.0%)	0 (0.0%)

Age and gender ³ distribution of COVID-19 cases deceased in Canada as of January 22, 2021, 7 pm EST (n=18,031 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	3 (0.0%)	2 (0.0%)	1 (0.0%)	0 (0.0%)
20-29	23 (0.1%)	12 (0.1%)	11 (0.1%)	0 (0.0%)
30-39	52 (0.3%)	35 (0.2%)	17 (0.1%)	0 (0.0%)
40-49	127 (0.7%)	81 (0.4%)	46 (0.3%)	0 (0.0%)
50-59	441 (2.4%)	259 (1.4%)	182 (1.0%)	0 (0.0%)
60-69	1,335 (7.4%)	836 (4.6%)	499 (2.8%)	0 (0.0%)
70-79	3,374 (18.7%)	2,009 (11.1%)	1,365 (7.6%)	0 (0.0%)
80+	12,676 (70.3%)	5,485 (30.4%)	7,191 (39.9%)	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 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:

2021-01-28