



Coronavirus disease 2019 (COVID-19): Epidemiology update

Updated: December 27, 2020, 7 pm EST

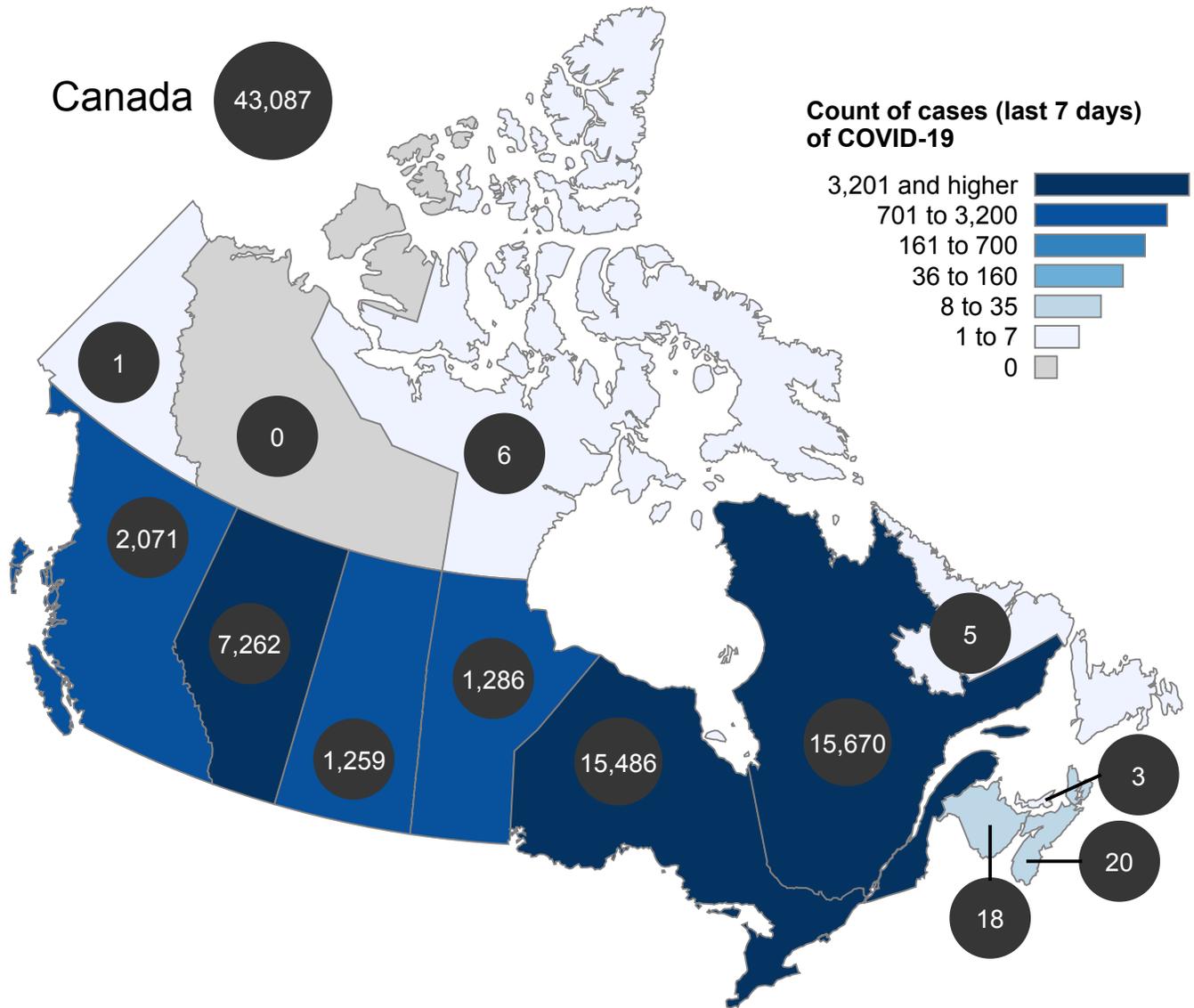
Key updates as of December 27, 2020, 7 pm EST

Cases today	Total cases	Active cases	Total recovered	Deaths today	Total deaths
5,520	552,020	79,863	457,193	65	14,964
Tested today	Total tested	Percent positive (total)	People tested per 1 million		
95,240	13,438,585	3.9%	357,511		

- 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 starting December 18, 2020: Epidemic curve, Demographics, Exposure setting and Hospitalizations, intensive care unit (ICU), mechanical ventilation and deaths.
- The majority of cases (66.0%) and deaths (82.9%) have been reported by Ontario and Quebec.
- Of the jurisdictions reporting updates (n=7), no new cases have been reported in 0 provinces or territories within the past 24 hours.
- Of the jurisdictions reporting updates (n=6), no new deaths have been reported in 2 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 December 27, 2020



The count of cases (last 7 days) of COVID-19 in **Canada** was **43,087** as of December 27, 2020.

* As of November 4, the methodology used in Quebec's analysis to count the number of people tested has been updated, causing a decrease in the number of people tested. On October 30, the total number of cases for Quebec includes 952 new cases in addition to 156 cases that were retrospectively added over the course of the epidemic as a result of an update to their data. Also note that on July 17, there was an increase in the number of recovered cases in Quebec due to a revision in how they define these cases.

Note: Out of the total number of people tested, 76 were repatriated travellers, of which 13 were cases.

This information is based on data from our provincial and territorial partners. It is current as of December 27, 2020, 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 December 27, 2020

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	552,020	1,469	43,087	115	79,863	212	457,193	14,964	40	700	2	13,438,585	357,511
British Columbia	48,609	959	2,071	41	10,017	198	37,784	808	16	48	1	939,137	185,185
Alberta	97,481	2,230	7,262	166	21,521	492	75,070	890	20	39	1	1,547,298	353,966
Saskatchewan	14,814	1,261	1,259	107	3,398	289	11,275	141	12	23	2	299,693	255,175
Manitoba	24,145	1,763	1,286	94	4,488	328	19,012	645	47	76	6	401,437	293,134
Ontario	171,416	1,177	15,486	106	19,861	136	147,178	4,377	30	227	2	7,344,277	504,188
Quebec	192,655	2,271	15,670	185	20,469	241	164,163§	8,023	95	287	3	2,448,998	288,628
Newfoundland and Labrador	387	74	5	1	24	5	359	4	1	0	0	71,708	137,492
New Brunswick	592	76	18	2	35	5	549	8	1	0	0	114,175	146,976
Nova Scotia	1,465	151	20	2	36	4	1,364	65	7	0	0	174,523	179,662
Prince Edward Island	94	60	3	2	5	3	89	0	0	0	0	78,303	498,914
Yukon	60	147	1	2	0	0	59	1	2	0	0	5,887	144,098
Northwest Territories	24	54	0	0	1	2	23	0	0	0	0	7,740	172,668
Nunavut	265	683	6	15	8	21	255	2	5	0	0	5,333	137,519

§ As of November 4, the methodology used in Quebec's analysis to count the number of people tested has been updated, causing a decrease in the number of people tested. On October 30, the total number of cases for Quebec includes 952 new cases in addition to 156 cases that were retrospectively added over the course of the epidemic as a result of an update to their data. Also note that on July 17, there was an increase in the number of recovered cases in Quebec due to a revision in how they define these cases.

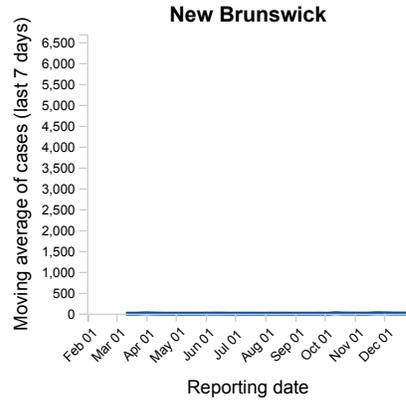
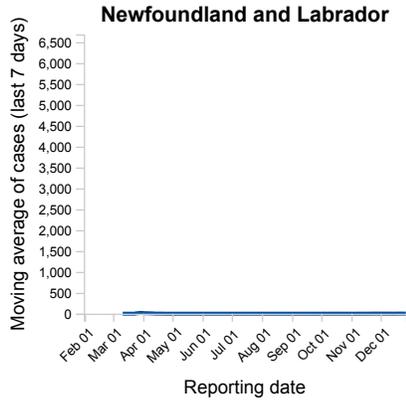
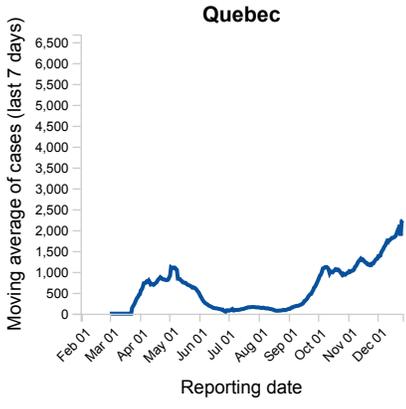
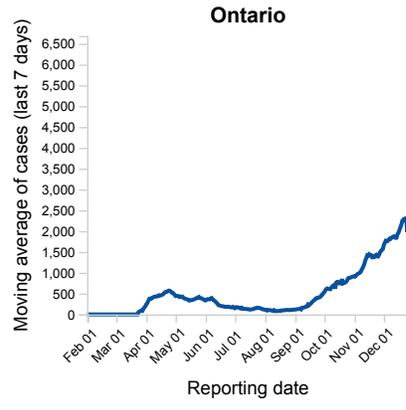
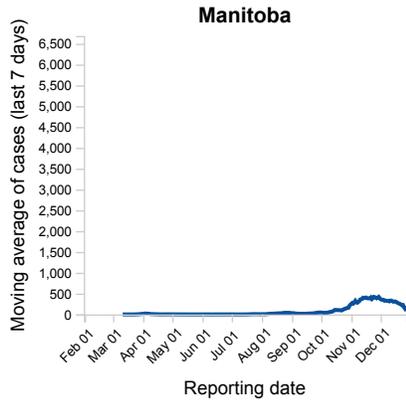
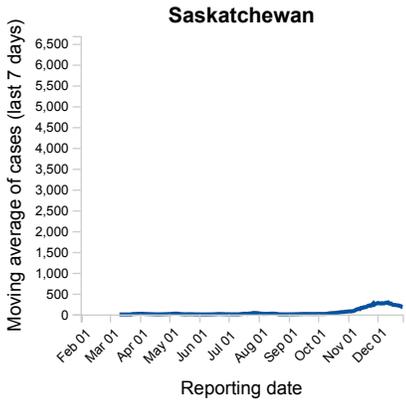
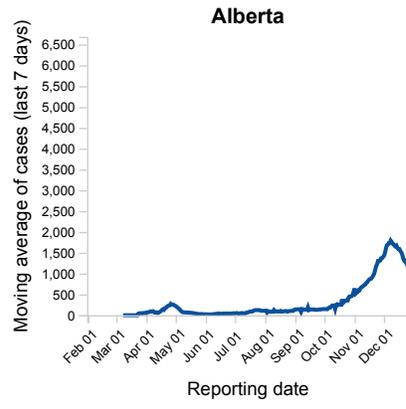
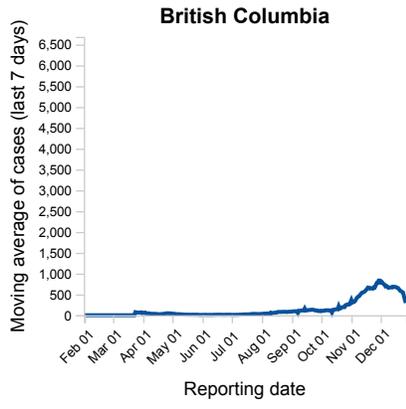
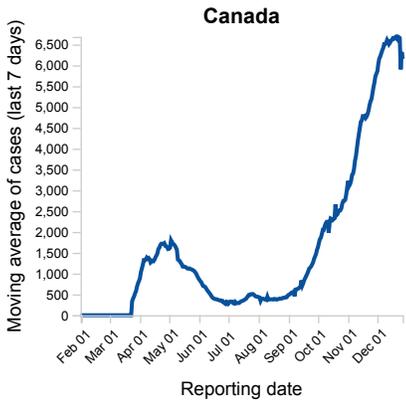
‡ No data is available for this day, and so the most recently available data is displayed.

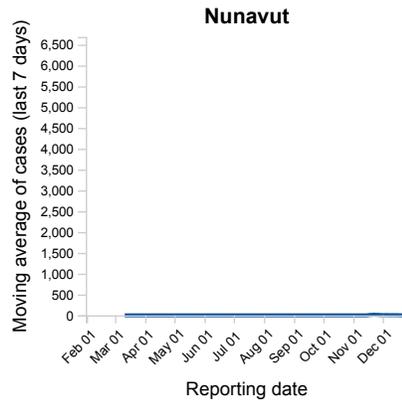
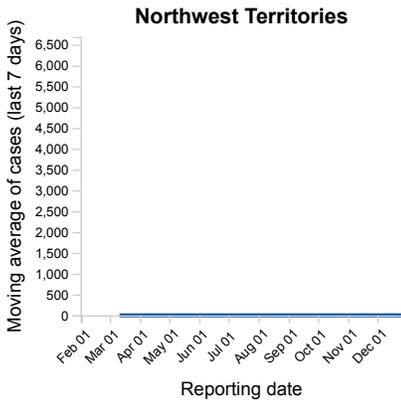
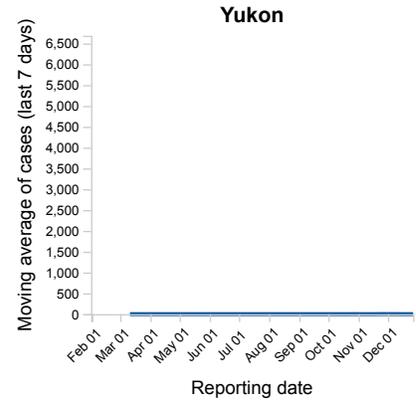
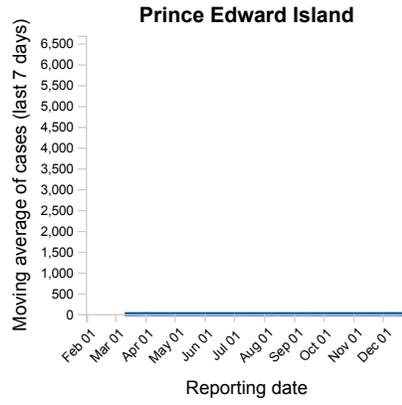
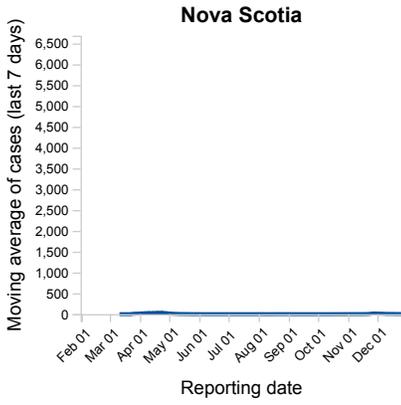
† Rate per 1,000,000 population

* Rate per 100,000 population

Figure 1b. **Moving average** of **cases (last 7 days)** of COVID-19 in Canada as of December 27, 2020, 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 **13,438,585** people have been tested for COVID-19 in Canada. This corresponds to a test rate of **357,511 per 1 million people**. Of all people tested, **3.9%** 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 December 27, 2020, 7 pm EST

Location	New cases	New deaths	Number of people tested
Canada	5,520	65	95,240
British Columbia	N/A	N/A	9,393
Alberta	500	N/A	N/A
Saskatchewan	198	7	3,729
Manitoba	521	28	2,059
Ontario	2,005	18	62,479
Quebec	2,291	12	12,235
Newfoundland and Labrador	3	0	696
New Brunswick	2	0	899
Nova Scotia	N/A	N/A	2,572
Prince Edward Island	N/A	N/A	1,154
Yukon	N/A	N/A	9
Northwest Territories	N/A	N/A	15
Nunavut	N/A	N/A	N/A

* 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.

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 : December 18, 2020, 7 pm EST

Epidemic curve

As of December 18, 2020, 7 pm EST, the Public Health Agency of Canada has received detailed case report data on 436,878 cases; episode date was available for 426,762 (97.7%) cases, and both exposure and episode date were available for 326,786 (74.8%) 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=426,762 ¹) in Canada by date of illness onset ² as of December 18, 2020, 7 pm EST (total cases)

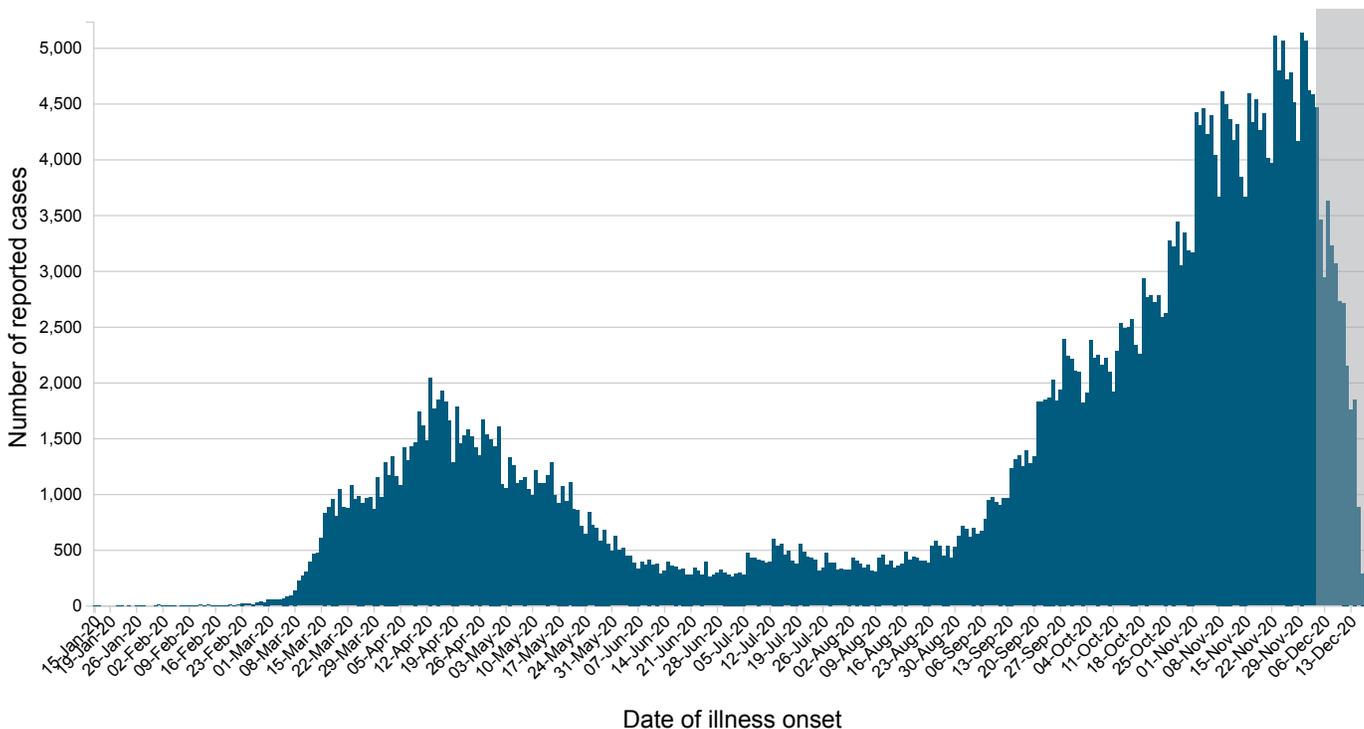


Figure 2. COVID-19 cases (n=326,786 ¹) in Canada by date of illness onset ² as of December 18, 2020, 7 pm EST (by exposure)

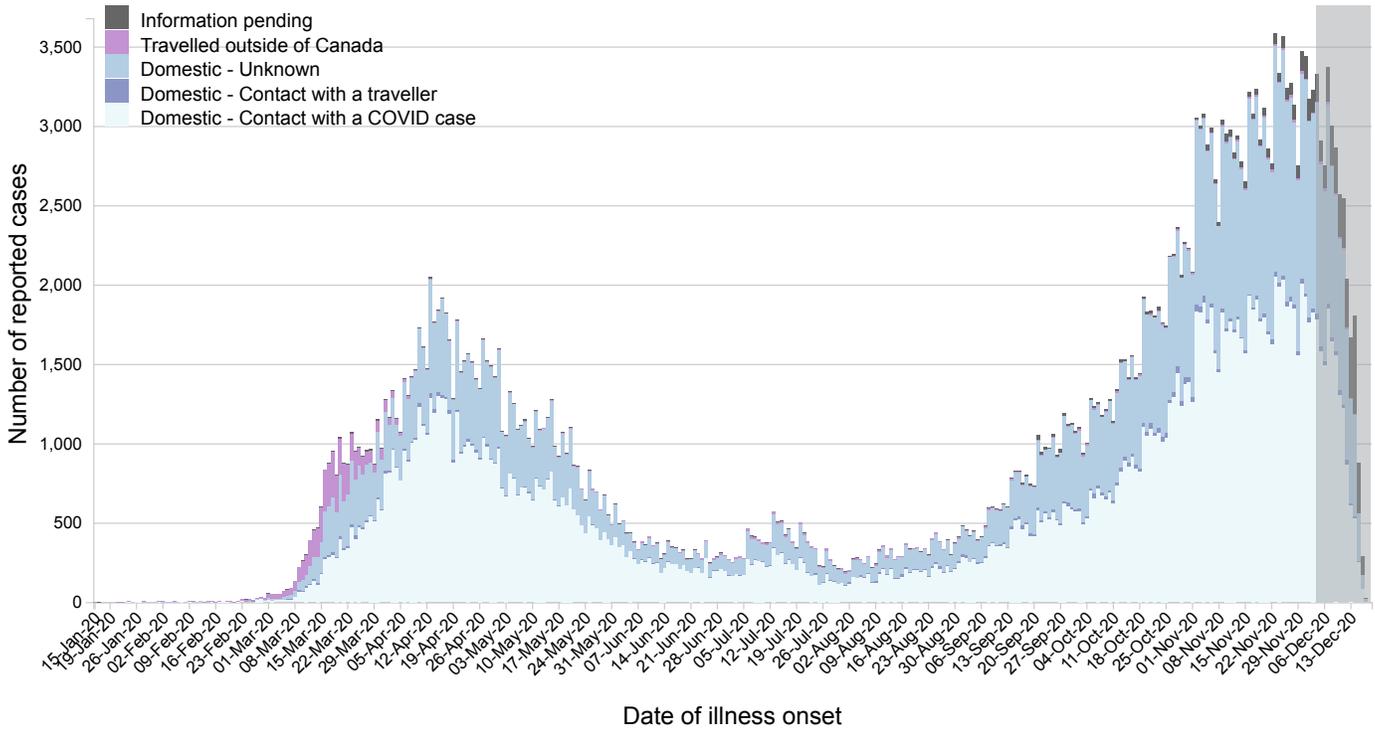


Figure 2. COVID-19 cases (n=426,643¹) in Canada by date of illness onset² as of December 18, 2020, 7 pm EST (by age - 10 year groups)

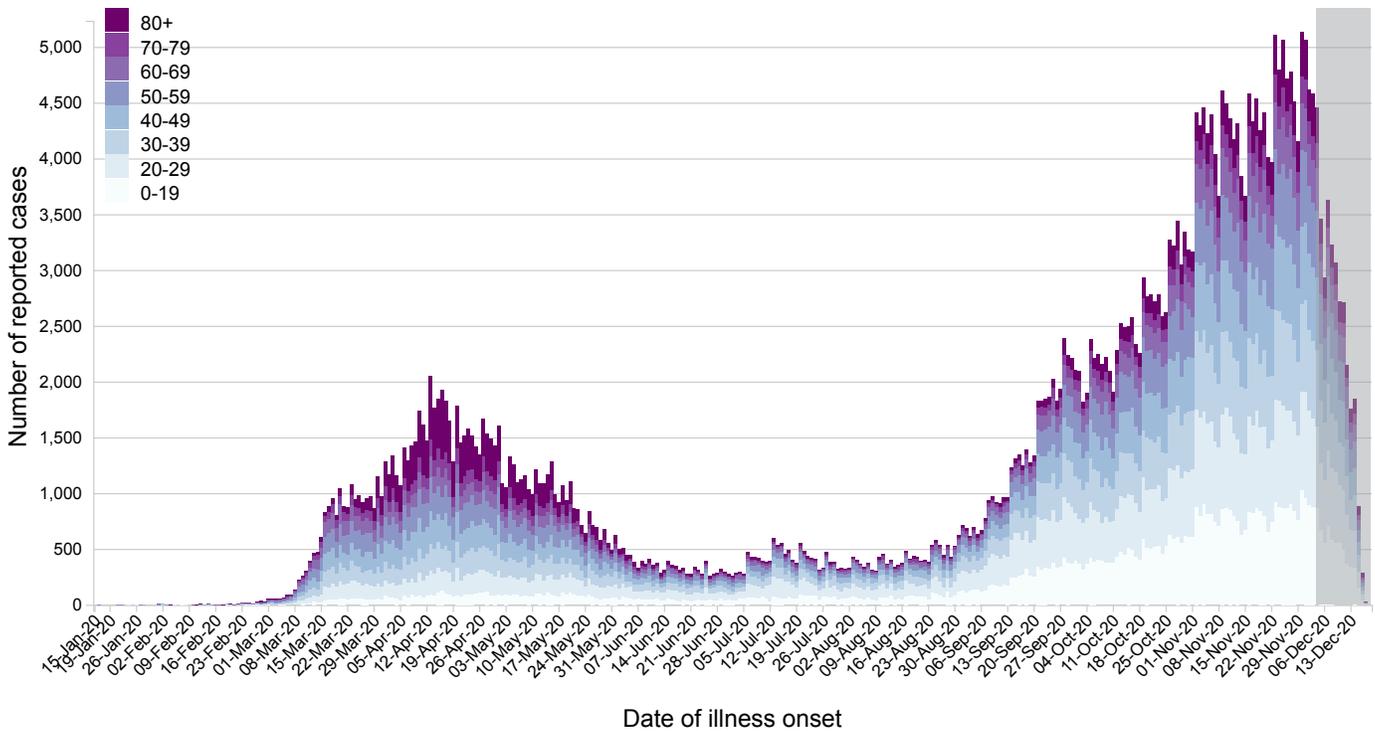
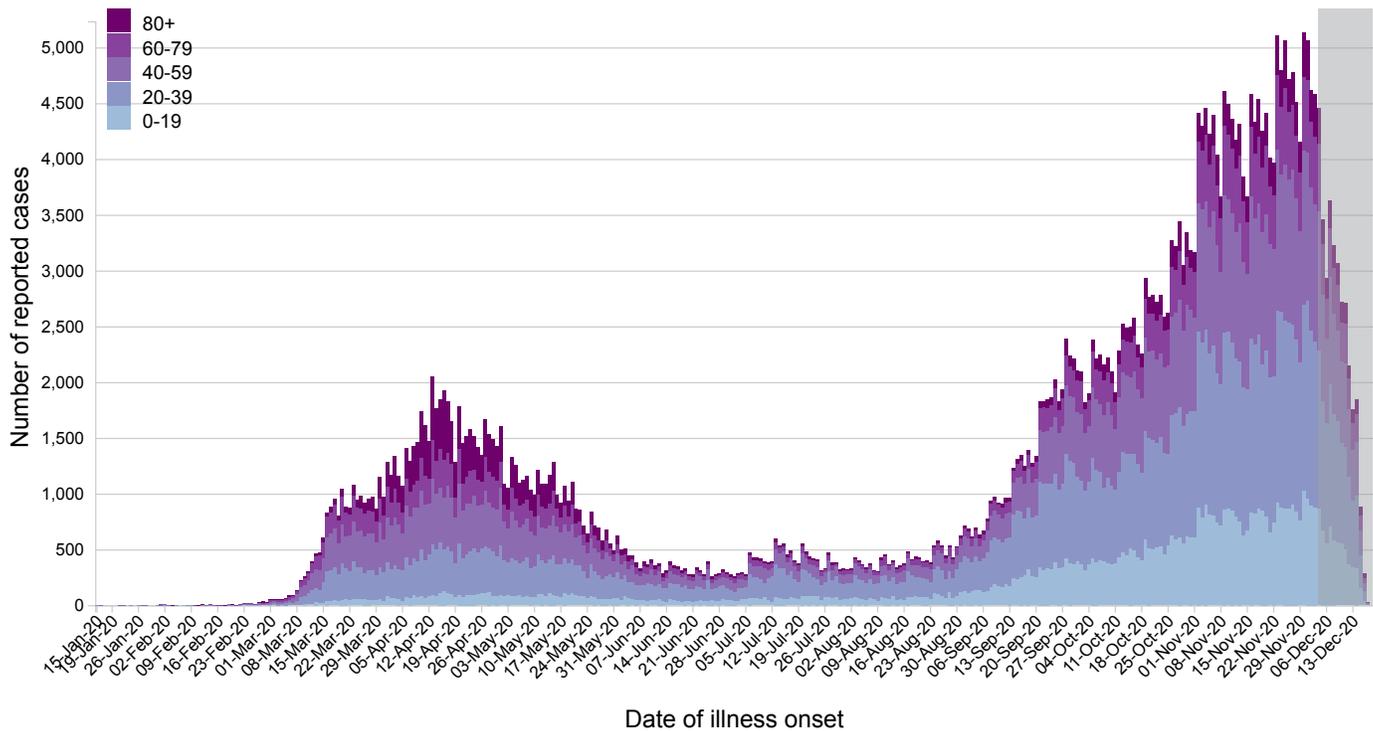


Figure 2. COVID-19 cases (n=426,643¹) in Canada by date of illness onset² as of December 18, 2020, 7 pm EST (by age - 20 year groups)



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.

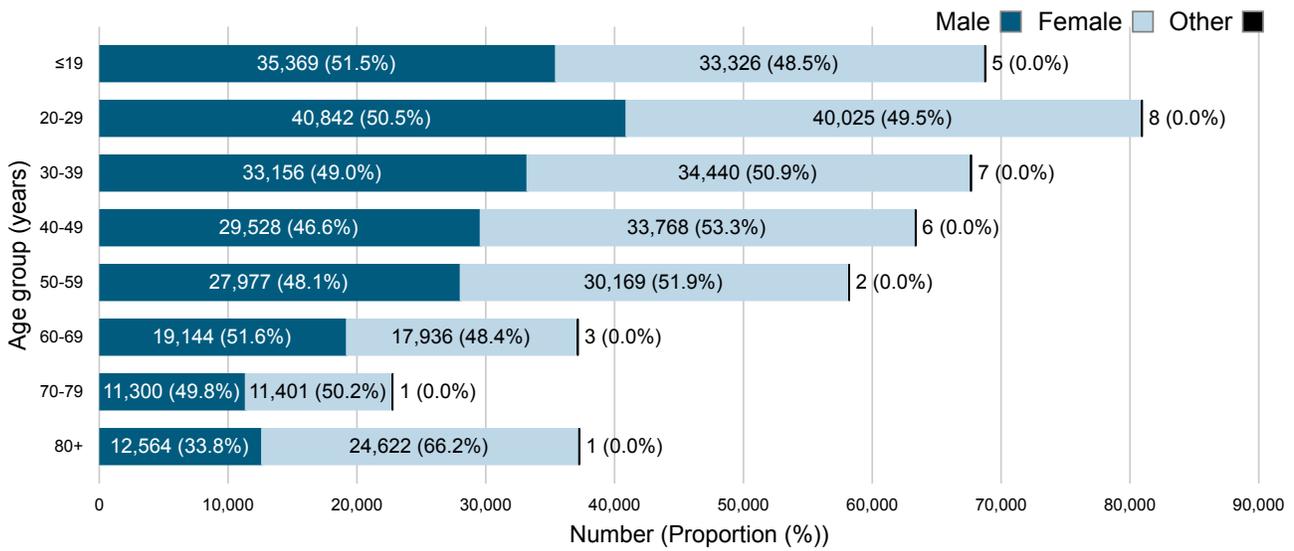
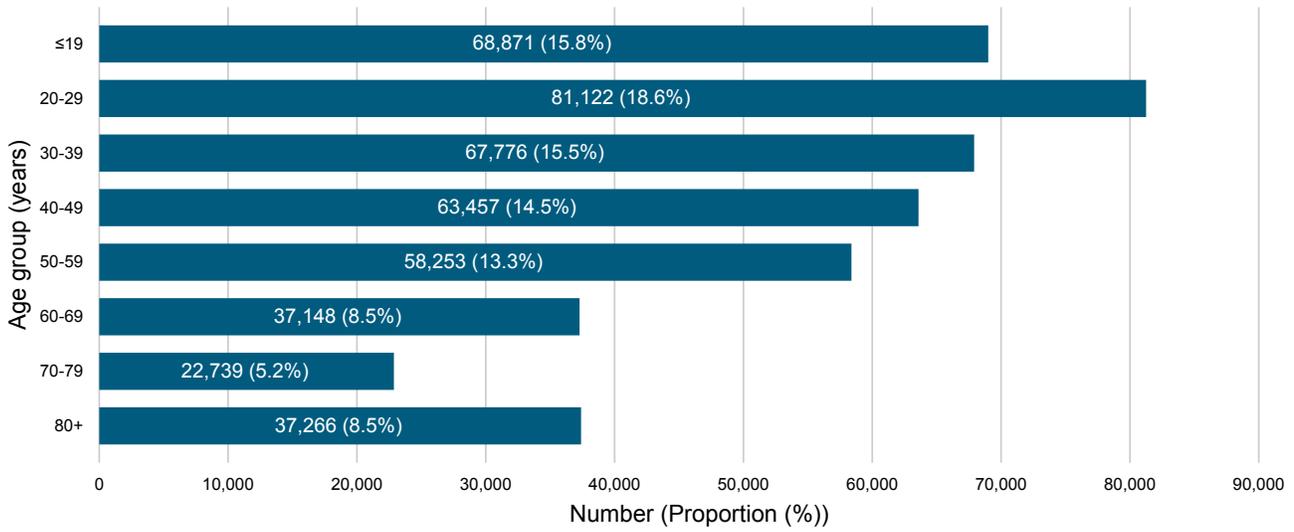
Demographics

Detailed case report data were provided on 436,878 cases; age information was available for 436,632 (99.9%) cases, and both age and sex were available for 435,600 (99.7%) cases.

Of the COVID-19 cases reported in Canada to date, approximately half (51.8%) are female.

Approximately one-quarter (22.3%) of cases are 60 years old and over (Figure 3).

Figure 3. distribution of COVID-19 cases (n=436,632¹) in Canada as of December 18, 2020, 7 pm EST³



Age by sex³ distribution of COVID-19 cases (n=436,632¹) in Canada, December 18, 2020, 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	68,871 (15.8%)	35,369 (16.9%)	33,326 (14.8%)	5 (15.2%)
20-29	81,122 (18.6%)	40,842 (19.5%)	40,025 (17.7%)	8 (24.2%)
30-39	67,776 (15.5%)	33,156 (15.8%)	34,440 (15.3%)	7 (21.2%)
40-49	63,457 (14.5%)	29,528 (14.1%)	33,768 (15.0%)	6 (18.2%)
50-59	58,253 (13.3%)	27,977 (13.3%)	30,169 (13.4%)	2 (6.1%)
60-69	37,148 (8.5%)	19,144 (9.1%)	17,936 (7.9%)	3 (9.1%)
70-79	22,739 (5.2%)	11,300 (5.4%)	11,401 (5.1%)	1 (3.0%)
80+	37,266 (8.5%)	12,564 (6.0%)	24,622 (10.9%)	1 (3.0%)

Exposure setting

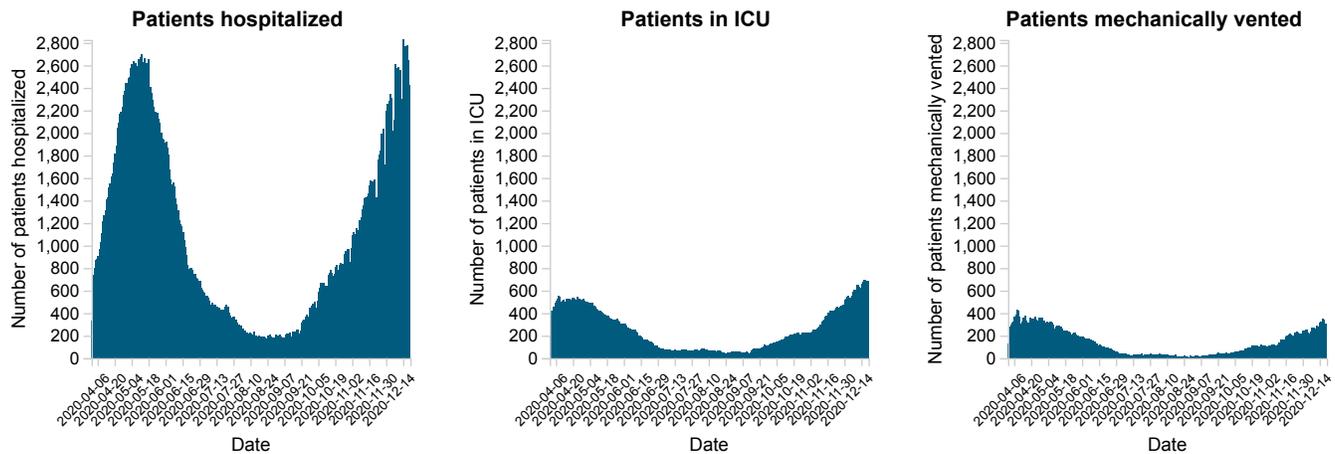
In , detailed case report data were provided on 436,878 cases; exposure history was available for 333,040 (76.2%) cases. The probable exposure setting of these reported cases¹ are:

- domestic acquisition (defined as any exposure that occurred within Canada): **320,871 (96.3%)**
 - from contact with a COVID case: **196,258 (58.9%)**
 - from contact with a traveller: **3,445 (1.0%)**
 - from an unknown source: **121,168 (36.4%)**
- currently unknown (information pending): **6,101 (1.8%)**
- travelled outside of Canada: **6,068 (1.8%)**

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 December 19, 2020



Between December 12, 2020 and December 19, 2020:

- The number of **hospital beds** occupied by COVID-19 patients **increased** from **2,188** to **2,426** beds.
- The number of **ICU beds** occupied by COVID-19 patients **increased** from **632** to **683** beds.
- The number of **COVID-19 patients who were mechanically vented** increased from **262** to **303** beds.

Hospitalizations To Date

Detailed case report data were provided on 436,878 cases; hospitalization status information was available for 325,191 (74.4%) of these cases:

- **27,298 cases (8.4%)** were hospitalized, of whom:
 - **5,262 (19.3%)** were admitted to the ICU
 - **1,066 (3.9%)** required mechanical ventilation

Detailed case report forms have been received from provinces and territories for **13,599** deaths related to COVID-19.

Figure 5a. Age and gender ³ distribution of COVID-19 cases hospitalized in Canada as of December 18, 2020, 7 pm EST (n=27,274 ¹)

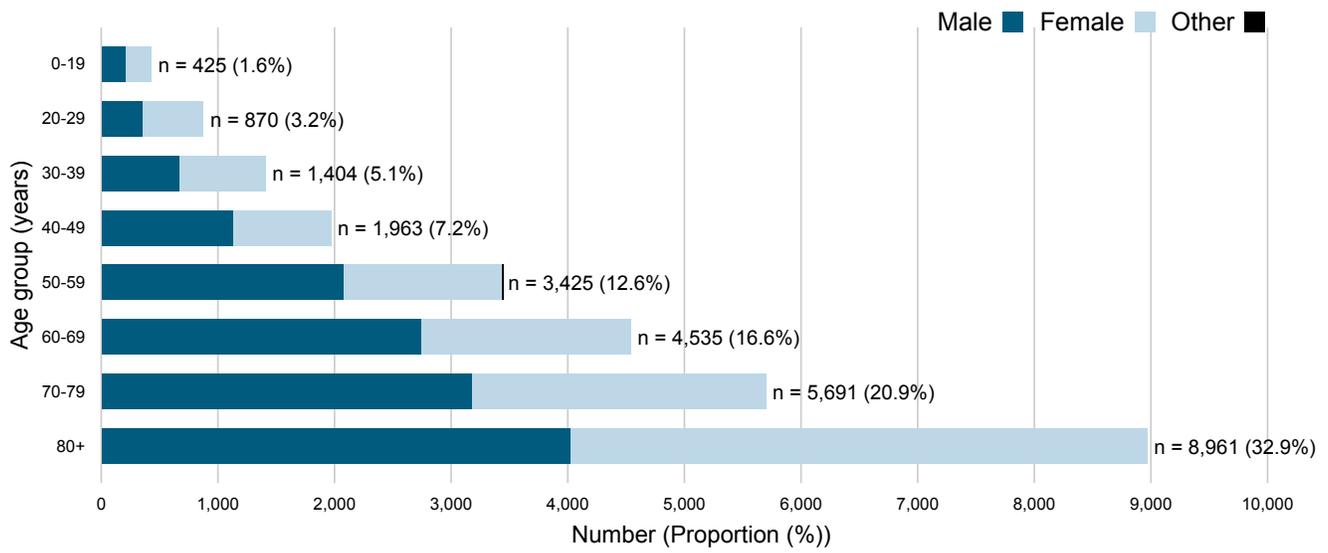


Figure 5b. Age and gender ³ distribution of COVID-19 cases admitted to ICU in Canada as of December 18, 2020, 7 pm EST (n=5,258 ¹)

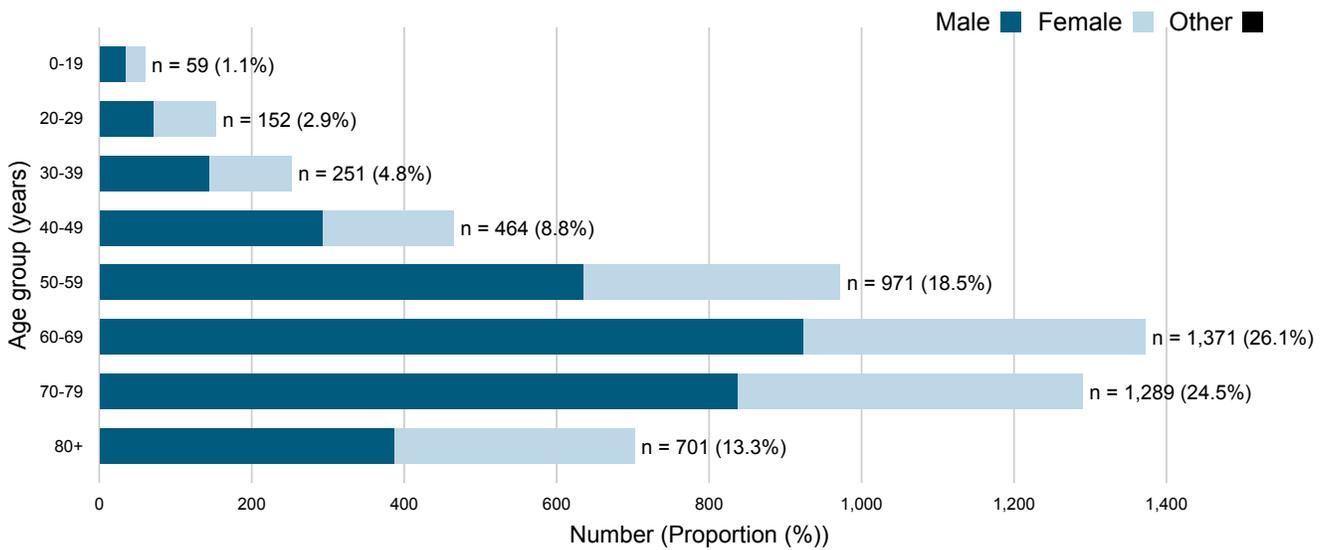
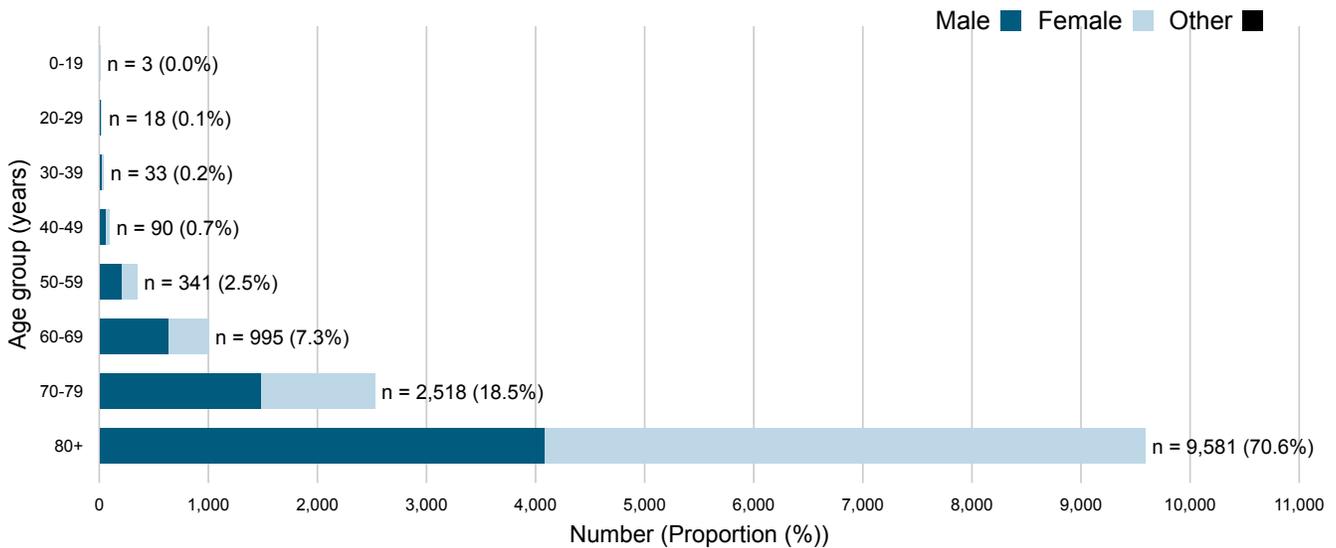


Figure 5c. Age and gender ³ distribution of COVID-19 cases deceased in Canada as of December 18, 2020, 7 pm EST (n=13,579 ¹)



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 gender³ distribution of COVID-19 cases hospitalized in Canada as of December 18, 2020, 7 pm EST (n=27,274¹)

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	425 (1.6%)	204 (0.7%)	221 (0.8%)	0 (0.0%)
20-29	870 (3.2%)	353 (1.3%)	517 (1.9%)	0 (0.0%)
30-39	1,404 (5.1%)	668 (2.4%)	736 (2.7%)	0 (0.0%)
40-49	1,963 (7.2%)	1,122 (4.1%)	841 (3.1%)	0 (0.0%)
50-59	3,425 (12.6%)	2,073 (7.6%)	1,351 (5.0%)	1 (0.0%)
60-69	4,535 (16.6%)	2,737 (10.0%)	1,798 (6.6%)	0 (0.0%)
70-79	5,691 (20.9%)	3,174 (11.6%)	2,517 (9.2%)	0 (0.0%)
80+	8,961 (32.9%)	4,020 (14.7%)	4,941 (18.1%)	0 (0.0%)

Age and gender³ distribution of COVID-19 cases admitted to ICU in Canada as of December 18, 2020, 7 pm EST (n=5,258¹)

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	59 (1.1%)	33 (0.6%)	26 (0.5%)	0 (0.0%)
20-29	152 (2.9%)	70 (1.3%)	82 (1.6%)	0 (0.0%)
30-39	251 (4.8%)	143 (2.7%)	108 (2.1%)	0 (0.0%)
40-49	464 (8.8%)	292 (5.6%)	172 (3.3%)	0 (0.0%)
50-59	971 (18.5%)	635 (12.1%)	336 (6.4%)	0 (0.0%)
60-69	1,371 (26.1%)	922 (17.5%)	449 (8.5%)	0 (0.0%)
70-79	1,289 (24.5%)	837 (15.9%)	452 (8.6%)	0 (0.0%)
80+	701 (13.3%)	386 (7.3%)	315 (6.0%)	0 (0.0%)

Age and gender³ distribution of COVID-19 cases deceased in Canada as of December 18, 2020, 7 pm EST (n=13,579¹)

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	18 (0.1%)	11 (0.1%)	7 (0.1%)	0 (0.0%)
30-39	33 (0.2%)	23 (0.2%)	10 (0.1%)	0 (0.0%)
40-49	90 (0.7%)	59 (0.4%)	31 (0.2%)	0 (0.0%)
50-59	341 (2.5%)	197 (1.5%)	144 (1.1%)	0 (0.0%)
60-69	995 (7.3%)	626 (4.6%)	369 (2.7%)	0 (0.0%)
70-79	2,518 (18.5%)	1,477 (10.9%)	1,041 (7.7%)	0 (0.0%)
80+	9,581 (70.6%)	4,073 (30.0%)	5,508 (40.6%)	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:

2020-12-27