



COVID-19 daily epidemiology update

Updated: June 2, 2021, 7 pm EST

Summary of COVID-19 cases across Canada and over time. Contains detailed data about the spread of the virus over time and in different regions of the country. Includes breakdowns by age and sex or gender. Provides an overview of hospitalizations and deaths, testing, variants of concern and exposures.

Key updates as of June 2, 2021, 7 pm EST

Cases today

2,067

Total cases

1,385,278

Active cases

29,277

Total resolved

1,330,389

Deaths today

46

Total deaths

25,612

Total tests performed

34,927,927

Daily percent positive (last 7 days)

3.5%

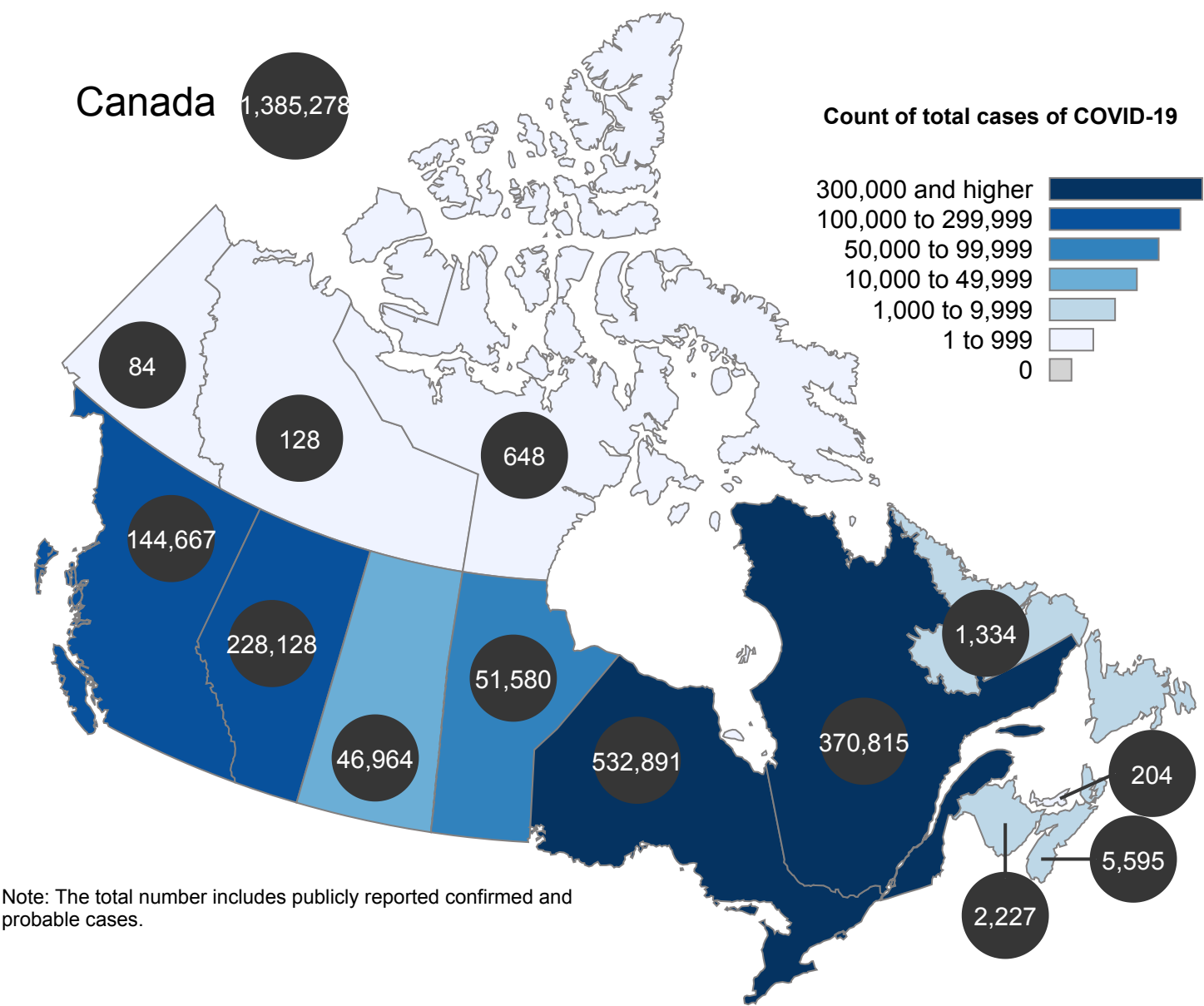
Daily tests per 100,000 population (last 7 days)

208

- We update these sections daily at 7:00 PM EST: Key updates, Current situation and National overview. Laboratory data represents specimens received by labs up to May 31, 2021 to allow time to process results.
- We update these sections every Friday: Epidemic curve, Demographics, How people were exposed, and Severe illness and outcomes.
- Most cases (65.2%) and deaths (77.8%) were reported by Ontario and Quebec.
- Of the 11 jurisdictions reporting updates, no new cases were reported in 2 provinces or territories in the past 24 hours.
- Of the 11 jurisdictions reporting updates, no new deaths were reported in 4 provinces or territories in the past 24 hours.

Current situation

Figure 1a. **Count** of **total cases** of COVID-19, by province/territory as of June 2, 2021



The count of total cases of COVID-19 in **Canada** was **1,385,278** as of June 2, 2021.

This information is based on data our provincial and territorial partners published on cases, deaths, and testing daily, and are current as of the day they are published. Today's numbers are current as of June 2, 2021, 7 pm EST. For the most up to date data for any province, territory or city, please visit their website. The number of cases or deaths reported on previous days may differ slightly from those on the provincial and territorial websites as these websites may update historic case and death counts as new information becomes available.

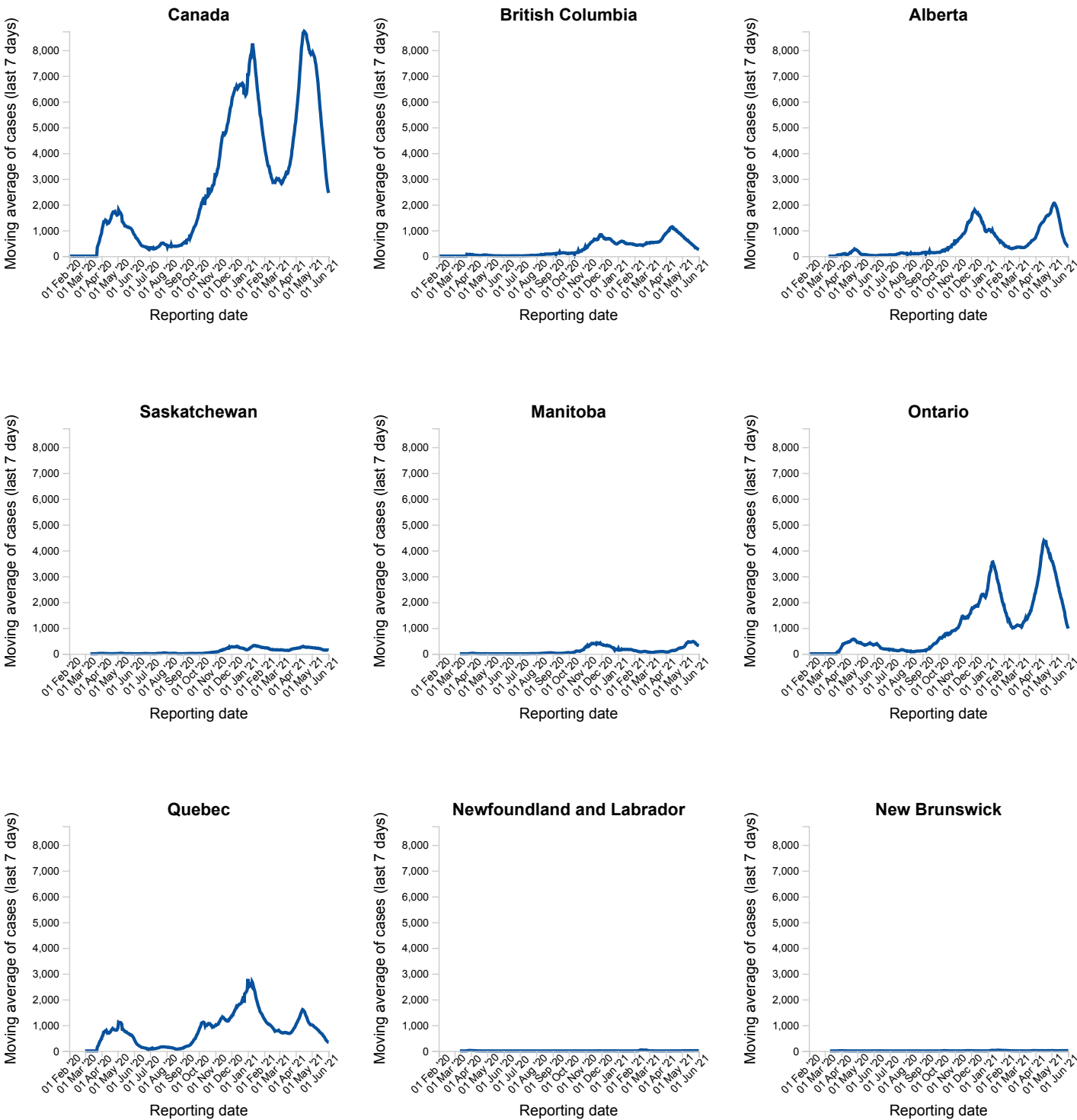
Areas in Canada with cases of COVID-19 as of June 2, 2021

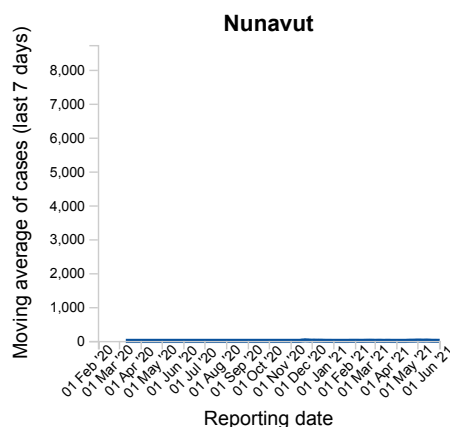
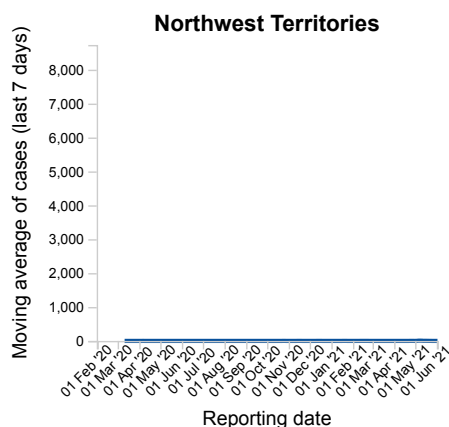
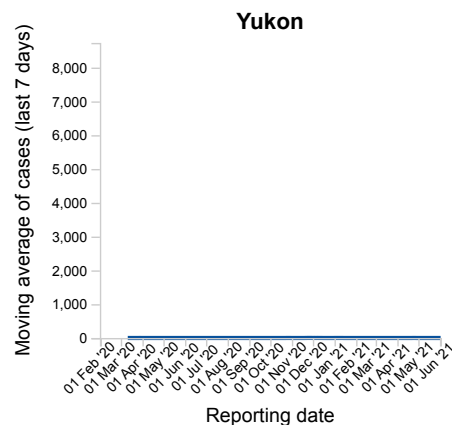
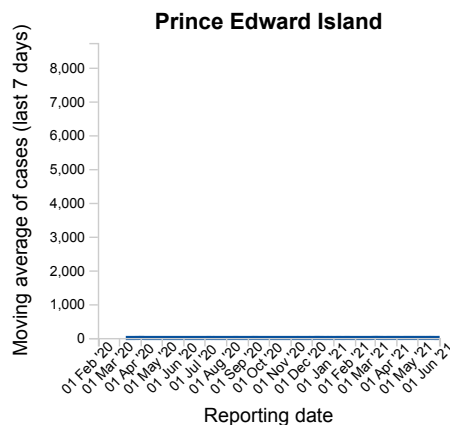
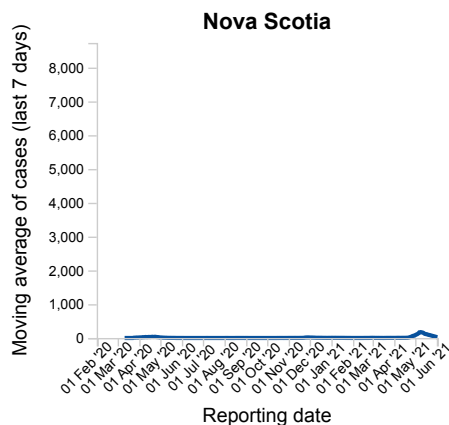
Location	Total cases		Cases last 7 days		Active cases		Resolved	Deaths		Deaths last 7 days		Total tests performed	Moving average tests performed last 7 days		Moving average positivity last 7 days
	Count	Rate*	Count	Rate*	Count	Rate*	Count	Count	Rate*	Count	Rate*	Count	Count	Rate*	Percent
Canada	1,385,278	3,645	17,174	45	29,277	77	1,330,389	25,612	67	252	1	34,927,927	79,141	208	3.5%
British Columbia	144,667	2,810	1,781	35	2,722	53	140,238	1,707	33	24	0	2,734,120	6,102	119	4.8%
Alberta	228,128	5,159	2,704	61	6,305	143	219,592	2,231	50	33	1	4,519,672	6,383	144	6.1%
Saskatchewan	46,964	3,984	963	82	1,285	109	45,138	541	46	13	1	860,879	2,393	203	5.7%
Manitoba	51,580	3,740	2,226	161	4,267	309	46,251	1,062	77	28	2	804,504	3,275	237	11.5%
Ontario	532,891	3,617	6,846	46	10,664	72	513,436	8,791	60	113	1	15,091,781	28,742	195	3.9%
Quebec	370,815	4,325	2,352	27	3,475	41	356,202	11,138	130	33	0	9,260,456	23,248	271	1.5%
Newfoundland and Labrador	1,334	256	61	12	94	18	1,234	6	1	0	0	273,993	1,371	263	1.0%
New Brunswick	2,227	285	64	8	141	18	2,043	43	6	0	0	346,028	1,471	188	0.6%
Nova Scotia	5,595	571	171	17	311	32	5,197	87	9	8	1	824,348	5,430	554	0.6%
Prince Edward Island	204	128	4	3	4	3	200	0	0	0	0	163,615	554	347	0.1%
Yukon	84	200	0	0	0	0	82	2	5	0	0	9,129	N/A	N/A	N/A
Northwest Territories	128	283	1	2	0	0	128	0	0	0	0	23,456	65	145	0.7%
Nunavut	648	1,647	1	3	9	23	635	4	10	0	0	15,870	107	273	0.9%

* Rate per 100,000 population

Figure 1b. **Moving average** of **cases (last 7 days)** of **COVID-19 in Canada as of June 2, 2021, 7 pm EST**

The figures below show cases over time. The range of dates (January 31st, 2020 - present date) is the same for each figure. This allows you to compare the provinces and territories on the same timescale.





This information is based on data our provincial and territorial partners published on cases, deaths, and testing daily, and are current as of the day they are published. Today's numbers are current as of June 2, 2021, 7 pm EST. For the most up to date data for any province, territory or city, please visit their website. The number of cases or deaths reported on previous days may differ slightly from those on the provincial and territorial websites as these websites may update historic case and death counts as new information becomes available.

[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 **34,927,927** COVID-19 tests performed in Canada or **208 tests per 1 million people**. Of these, **3.5%** were positive. For information about testing trends, please see the [Detailed weekly epidemiological report \(PDF\)](#).

Table 1. Daily* change in the number of cases, deaths and tests performed, by province or territory, as of June 2, 2021, 7 pm EST

Location	New cases	New deaths	Tests performed
Canada	2,067	46	65,068
British Columbia	194	4	5,157
Alberta	410	3	4,100
Saskatchewan	130	1	2,798
Manitoba	267	6	2,988
Ontario	733	25	20,262
Quebec	288	5	23,027
Newfoundland and Labrador	17	0	952
New Brunswick	12	0	1,246
Nova Scotia	16	2	3,671
Prince Edward Island	N/A	N/A	637
Yukon	N/A	N/A	N/A
Northwest Territories	0	0	90
Nunavut	0	0	140

* The new cases, deaths and tests reflect the difference between a province or territory's current report and their last report. Some provinces and territories do not update daily.

N/A means that no daily update was provided by the province or territory.

Variants of concern (VOC) in Canada

All viruses, including COVID-19, change or mutate over time. Not all mutations are of concern. However, some changes result in variants of concern (VOC). A VOC (Variants of concern) has changes that are significant to public health.

For example, they might:

- spread more easily
- cause more severe illness
- require different treatments, or
- not respond the same to current vaccines

The Public Health Agency of Canada (PHAC) updates VOC (Variants of concern) information from Sunday to Thursday at 7:00 PM EDT, using publicly reported information from the provinces and territories.

Table 2. Cumulative number of cases involving variants of concern (VOC) publicly reported, as of June 2, 2021

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	196,359	1,684	11,959
British Columbia	8,015	130	5,761
Alberta	42,949	149	2,570
Saskatchewan	5,594	10	159
Manitoba	5,020	35	110
Ontario	127,645	952	2,911
Quebec	6,621	386	444
Newfoundland and Labrador	187	6	1
New Brunswick	180	4	1
Nova Scotia	73	12	1
Prince Edward Island	26	0	0
Yukon	2	0	1
Northwest Territories	26	0	0
Nunavut	21	0	0

Note:

- The table reports publicly available information from the provinces and territories. In case of discrepancies, the provincial or territorial data should be considered current and correct.

- PHAC is in the process of replacing this table with a graphical view that is more representative of the mix of variants present in Canada in the coming weeks. This new graphical view will include all variants of concern including B.1.617 and variants of interest.

There are many variants being tracked internationally and across Canada. Most of these are similar to the original variants that emerged in 2020. VOCs (Variants of concern) now represent a majority of COVID-19 cases in Canada.

Four VOCs (Variants of concern) have been detected in most provinces and territories:

- B.1.1.7
- B.1.351
- P.1
- B.1.617

The **B.1.1.7 variant** continues to account for most VOCs (Variants of concern), classified to date in Canada.

The **B.1.617 variant** has only been recently identified and thus is less understood. Its 3 sub-lineages may have different properties. Early data from the U.K. indicate that the B.1.617.2 sub-lineage may be more transmissible overall, either similar to or perhaps more transmissible than the B.1.1.7 variant. However, laboratory data suggest that currently authorized vaccines are also effective against this sub-lineage. The B.1.617.1 and B.1.617.3 sub-lineages are less well-known, but may be less affected by vaccines. There are many variants being tracked internationally and across Canada, most of which are similar to the original variants that emerged in 2020.

The impact of the B.1.617 variant and its sub-lineages is still being assessed in Canada, where the variant has been identified in all 10 provinces and 1 territory. Genomic surveillance has also identified all 3 sub-lineages (B.1.617.1, B.1.617.2 and B.1.617.3).

Of these 3:

- B.1.617.1 accounted for most of the identified cases in March and April 2021
- B.1.617.2 accounted for most of the identified cases detected at the border
- B.1.617.3 accounts for a very small proportion (1%) of identified cases

Canada is collecting evidence to determine if each of these sub-lineages meets the definition for a variant of concern or a variant of interest.

New variants will continue to appear. It is crucial to remain vigilant and take all available measures to limit spread.

Detailed case information

The tables and figures below reflect detailed case information provided to the Public Health Agency of Canada (PHAC) by health authorities in the provinces and territories. This data is updated every week. It may change as we get more information about cases.

Updated: May 28, 2021, 9 am EST

Epidemic curve

As of May 28, 2021, 9 am EST, PHAC has received detailed case report data on 1,369,883 cases. Both exposure and symptom onset date were available for 1,211,987 (88.5%) cases ¹.

The shaded area on the far right of Figure 2 represents lag time. This is the period of time (1 to 2 weeks) before the latest cases are reported to PHAC. This delay is a result of the time required to seek health care, get tested and receive results. It also takes time for public health authorities to gather information on cases. We update this information as it becomes available.

Figure 2. COVID-19 cases (n=1,369,883 ¹) in Canada by date of illness onset ² as of May 28, 2021, 7 pm EST (total cases)

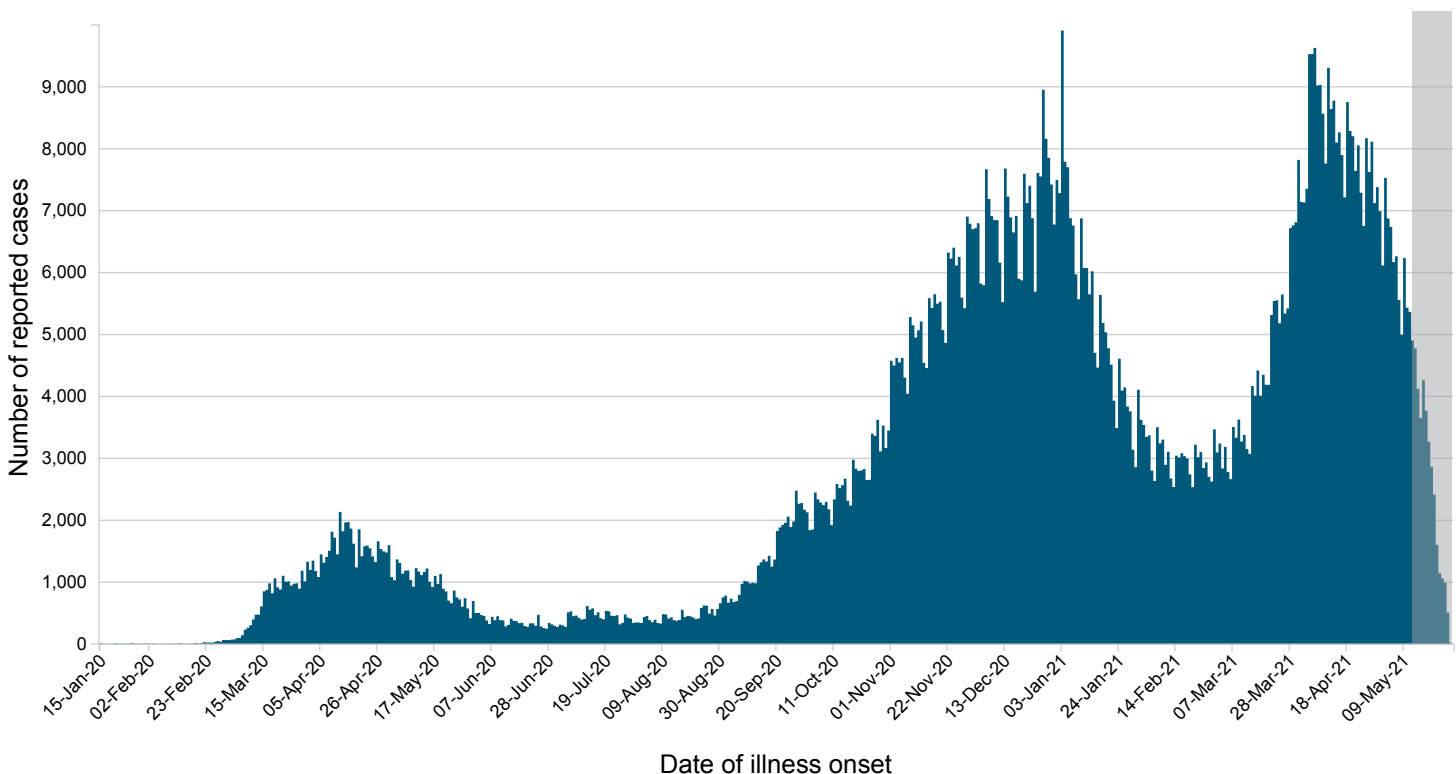


Figure 2. COVID-19 cases (n=1,211,987 ¹) in Canada by date of illness onset ² as of May 28, 2021, 7 pm EST (by exposure)

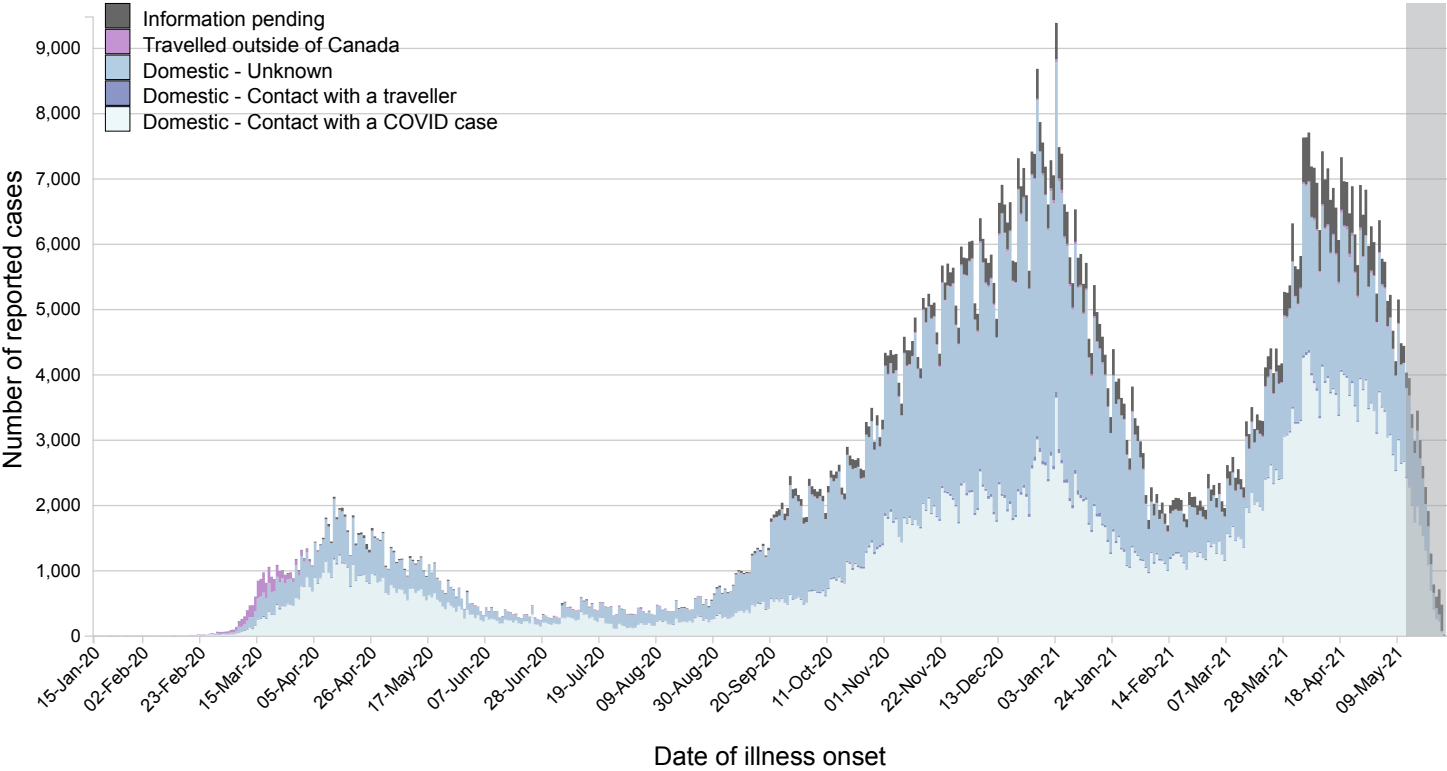


Figure 2. COVID-19 cases (n=1,369,526 ¹) in Canada by date of illness onset ² as of May 28, 2021, 7 pm EST (by age - 10 year groups)

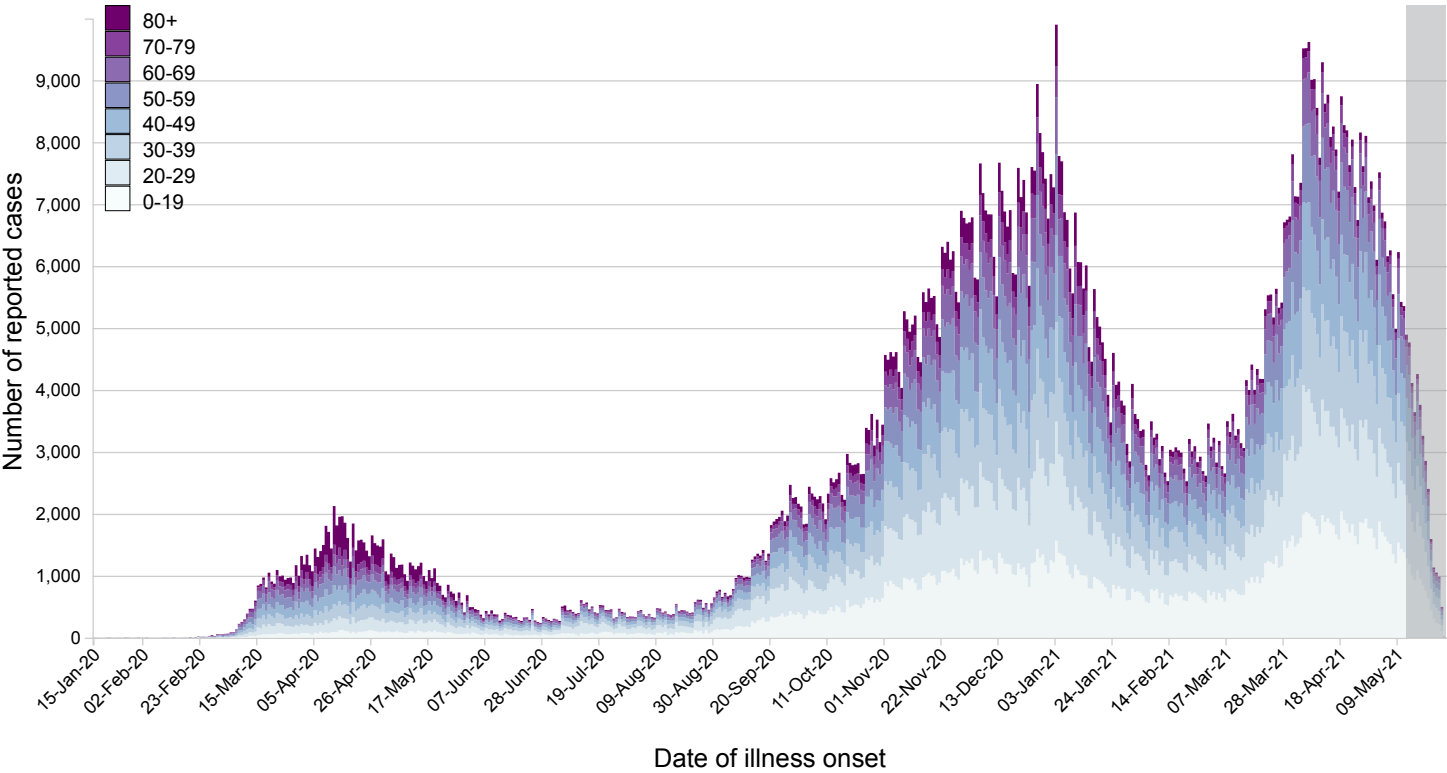
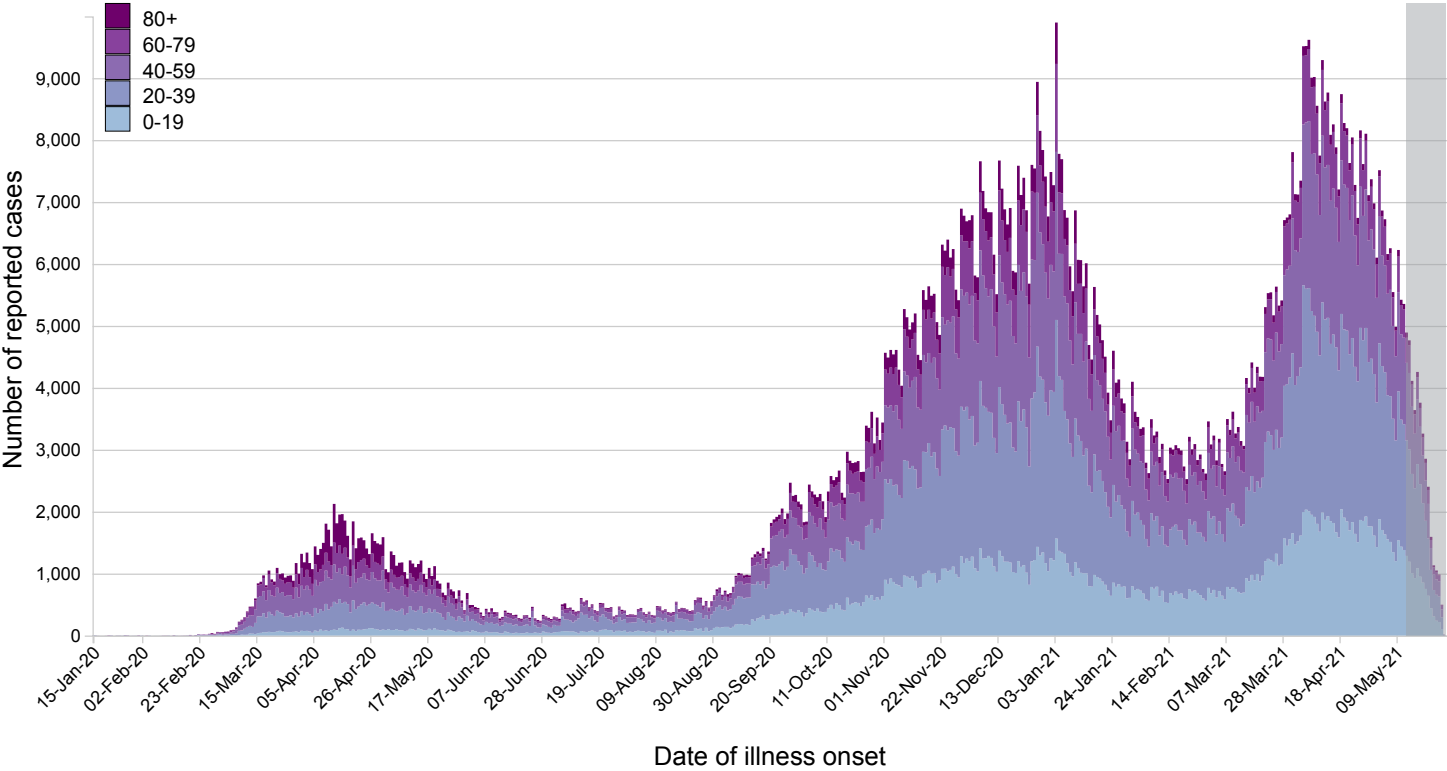


Figure 2. COVID-19 cases (n=1,369,526 ¹) in Canada by date of illness onset ² as of May 28, 2021, 7 pm EST (by age - 20 year groups)



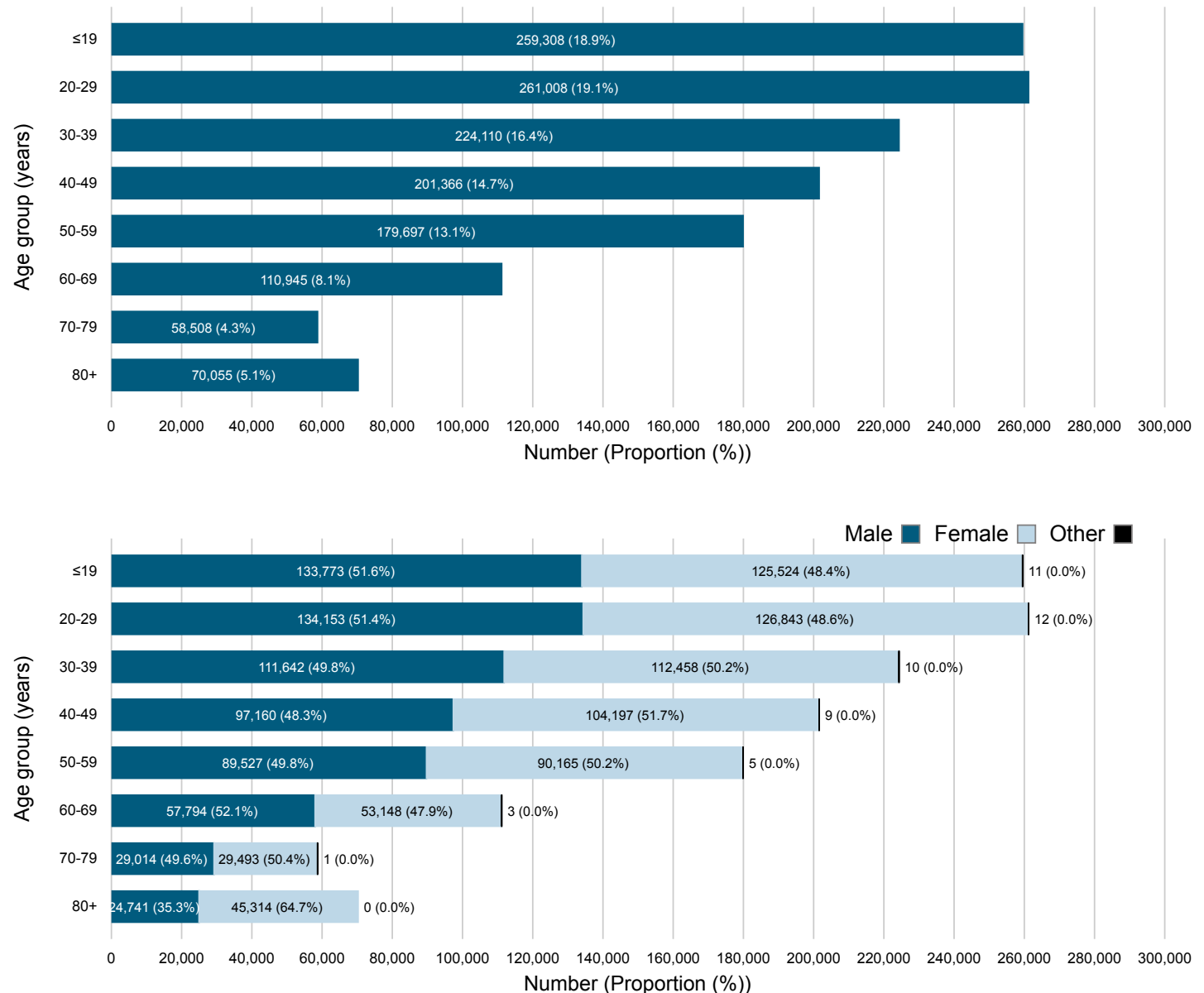
This figure may underestimate the total number of cases among returning travelers. Exposure history is not available for all cases and jurisdictions have not all consistently reported exposure history to PHAC throughout the pandemic.

Demographics

We have detailed case report data from 1,369,883 cases. We know the age of patients in 100.00% of cases, and both age and gender in 99.64% of cases.

Of the cases reported in Canada so far, 50.3% were female and 35.5% were between 20 and 39 years old (Figure 3).

Figure 3. distribution of COVID-19 cases (n=1,369,883 ¹) in Canada as of May 28, 2021, 7 pm EST ⁴



Age by gender ⁴ distribution of COVID-19 cases (n=1,369,883 ¹) in Canada, May 28, 2021, 7 pm EST

Age group (years)	Number of cases with case reports (percentage)	Number of male cases (percentage)	Number of female cases (percentage)	Number of other cases (percentage)
≤19	259,308 (18.9%)	133,773 (19.7%)	125,524 (18.3%)	11 (21.6%)
20-29	261,008 (19.1%)	134,153 (19.8%)	126,843 (18.5%)	12 (23.5%)
30-39	224,110 (16.4%)	111,642 (16.5%)	112,458 (16.4%)	10 (19.6%)
40-49	201,366 (14.7%)	97,160 (14.3%)	104,197 (15.2%)	9 (17.6%)
50-59	179,697 (13.1%)	89,527 (13.2%)	90,165 (13.1%)	5 (9.8%)
60-69	110,945 (8.1%)	57,794 (8.5%)	53,148 (7.7%)	3 (5.9%)
70-79	58,508 (4.3%)	29,014 (4.3%)	29,493 (4.3%)	1 (2.0%)
80+	70,055 (5.1%)	24,741 (3.7%)	45,314 (6.6%)	0 (0.0%)
Total	1,364,997 (100%)	677,804 (100%)	687,142 (100%)	51 (100%)

How people were exposed ³

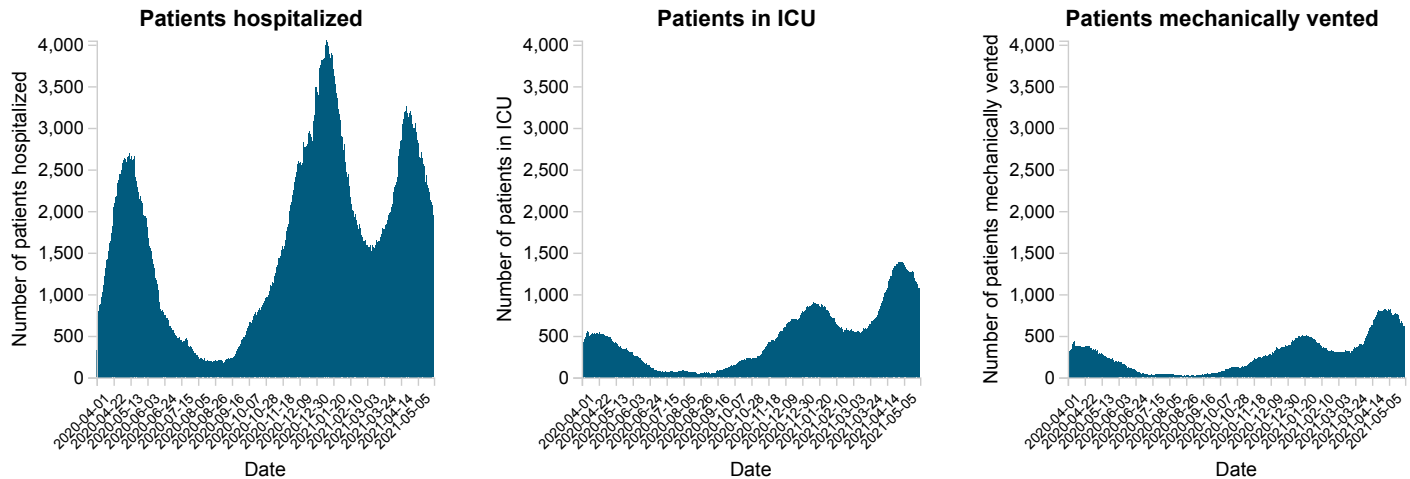
In Canada ▼, detailed case report data were provided for 1,369,883 cases. We have exposure history for 1,211,987 (88.5%) cases. The probable exposure setting of these cases ¹ are:

- any exposure that occurred in Canada: **1,125,285 (92.8%)**, including
 - from contact with a known COVID case: **557,714 (46.0%)**
 - from contact with a traveller: **8,287 (0.7%)**
 - from an unknown source: **559,284 (46.1%)**
- currently unknown (information pending): **77,085 (6.4%)**
- travelled outside of Canada: **9,617 (0.8%)**

Severe illness and outcomes

Hospital use

Figure 4. Daily number of hospital beds and ICU beds occupied by COVID-19 patients as of May 24, 2021



Between May 17, 2021 and May 24, 2021:

- the number of **hospital beds** occupied by COVID-19 patients **decreased** from **2,314** to **1,945** beds.
- the number of **ICU beds** occupied by COVID-19 patients **decreased** from **1,247** to **1,073** beds.
- the number of **COVID-19 patients who were mechanically vented decreased** from **751** to **619**.

Hospitalizations and deaths to date

We have detailed case report data on 1,369,883 cases, and hospitalization status for 956,554 (69.8%) of them:

- **71,291 cases (7.5%)** were hospitalized, of whom:
 - **13,297 (18.7%)** were admitted to the ICU
 - **1,995 (2.8%)** needed mechanical ventilation

The provinces and territories provided detailed case report forms for **25,371** deaths related to COVID-19.

Figure 5a. Age and gender ⁴ distribution of COVID-19 cases hospitalized in Canada as of May 28, 2021, 7 pm EST (n=71,123 ¹)

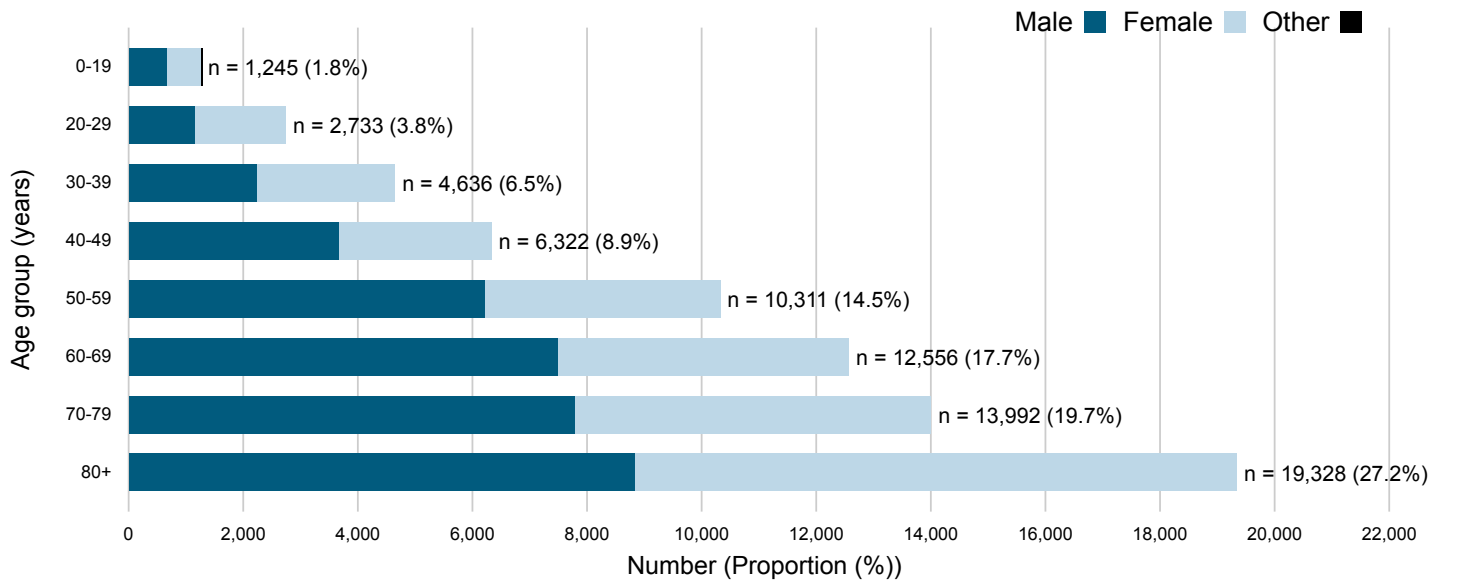


Figure 5b. Age and gender ⁴ distribution of COVID-19 cases admitted to ICU in Canada as of May 28, 2021, 7 pm EST (n=13,263 ¹)

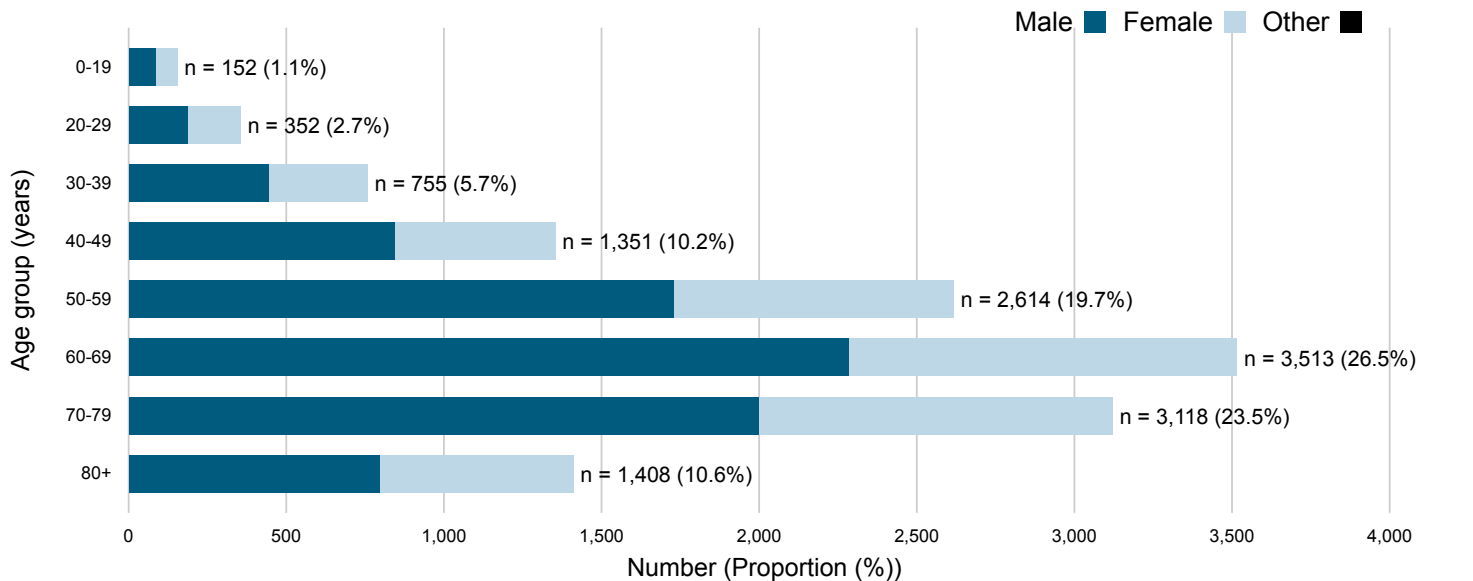
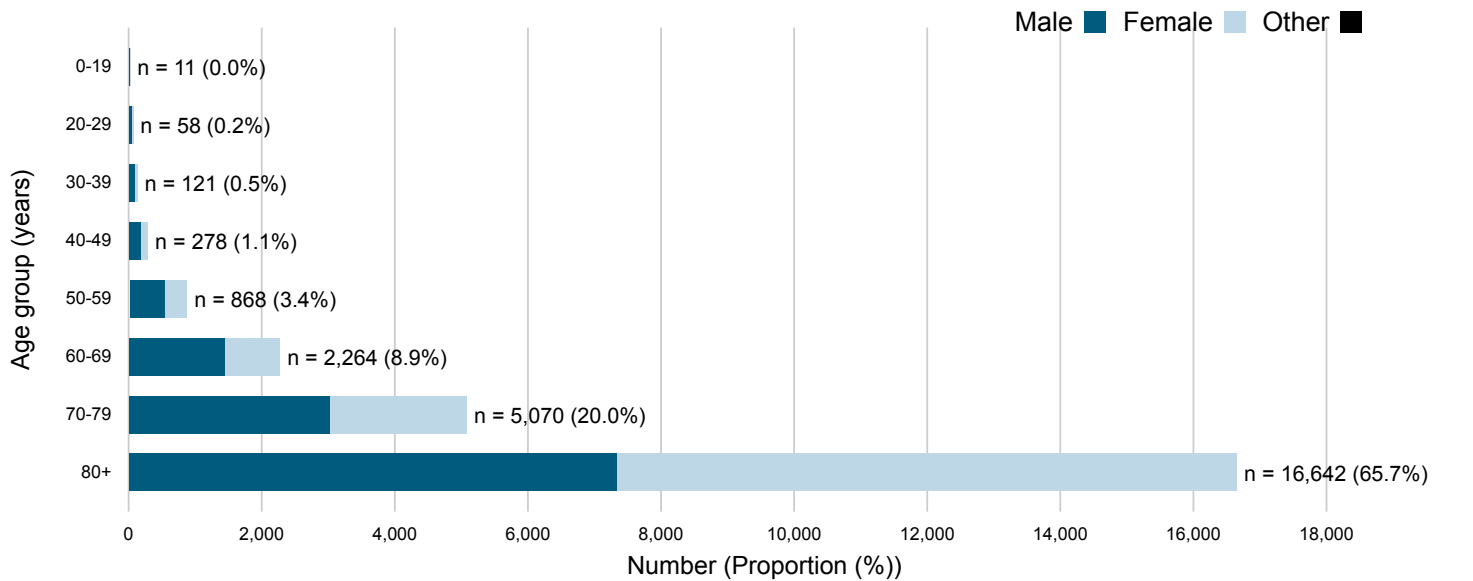


Figure 5c. Age and gender⁴ distribution of COVID-19 cases deceased in Canada as of May 28, 2021, 7 pm EST (n=25,312¹)



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 May 28, 2021, 7 pm EST (n=71,123 ¹)

Age group (years)	Number of cases with case reports (percentage)	Number of male cases (percentage)	Number of female cases (percentage)	Number of other cases (percentage)
0-19	1,245 (1.8%)	654 (0.9%)	590 (0.8%)	1 (0.0%)
20-29	2,733 (3.8%)	1,148 (1.6%)	1,585 (2.2%)	0 (0.0%)
30-39	4,636 (6.5%)	2,236 (3.1%)	2,400 (3.4%)	0 (0.0%)
40-49	6,322 (8.9%)	3,666 (5.2%)	2,656 (3.7%)	0 (0.0%)
50-59	10,311 (14.5%)	6,206 (8.7%)	4,105 (5.8%)	0 (0.0%)
60-69	12,556 (17.7%)	7,488 (10.5%)	5,068 (7.1%)	0 (0.0%)
70-79	13,992 (19.7%)	7,781 (10.9%)	6,211 (8.7%)	0 (0.0%)
80+	19,328 (27.2%)	8,832 (12.4%)	10,496 (14.8%)	0 (0.0%)

Age and gender ⁴ distribution of COVID-19 cases admitted to ICU in Canada as of May 28, 2021, 7 pm EST (n=13,263 ¹)

Age group (years)	Number of cases with case reports (percentage)	Number of male cases (percentage)	Number of female cases (percentage)	Number of other cases (percentage)
0-19	152 (1.1%)	84 (0.6%)	68 (0.5%)	0 (0.0%)
20-29	352 (2.7%)	185 (1.4%)	167 (1.3%)	0 (0.0%)
30-39	755 (5.7%)	441 (3.3%)	314 (2.4%)	0 (0.0%)
40-49	1,351 (10.2%)	841 (6.3%)	510 (3.8%)	0 (0.0%)
50-59	2,614 (19.7%)	1,727 (13.0%)	887 (6.7%)	0 (0.0%)
60-69	3,513 (26.5%)	2,285 (17.2%)	1,228 (9.3%)	0 (0.0%)
70-79	3,118 (23.5%)	1,998 (15.1%)	1,120 (8.4%)	0 (0.0%)
80+	1,408 (10.6%)	794 (6.0%)	614 (4.6%)	0 (0.0%)

**Age and gender ⁴ distribution of COVID-19 cases deceased in Canada as of May 28, 2021,
7 pm EST (n=25,312 ¹)**

Age group (years)	Number of cases with case reports (percentage)	Number of male cases (percentage)	Number of female cases (percentage)	Number of other cases (percentage)
0-19	11 (0.0%)	5 (0.0%)	6 (0.0%)	0 (0.0%)
20-29	58 (0.2%)	33 (0.1%)	25 (0.1%)	0 (0.0%)
30-39	121 (0.5%)	77 (0.3%)	44 (0.2%)	0 (0.0%)
40-49	278 (1.1%)	178 (0.7%)	100 (0.4%)	0 (0.0%)
50-59	868 (3.4%)	540 (2.1%)	328 (1.3%)	0 (0.0%)
60-69	2,264 (8.9%)	1,438 (5.7%)	826 (3.3%)	0 (0.0%)
70-79	5,070 (20.0%)	3,026 (12.0%)	2,044 (8.1%)	0 (0.0%)
80+	16,642 (65.7%)	7,336 (29.0%)	9,306 (36.8%)	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 was received by the Public Health Agency of Canada from provincial or 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 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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Additional COVID-19 data resources



Download data (.csv)



Download data dictionary (.csv)



Download report (.pdf)



To learn more, visit [COVID-19 data trends](#)

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