Government of Canada | Gouvernement du Canada

COVID-19 daily epidemiology update

Updated: July 7, 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 July 7, 2021, 7 pm EST

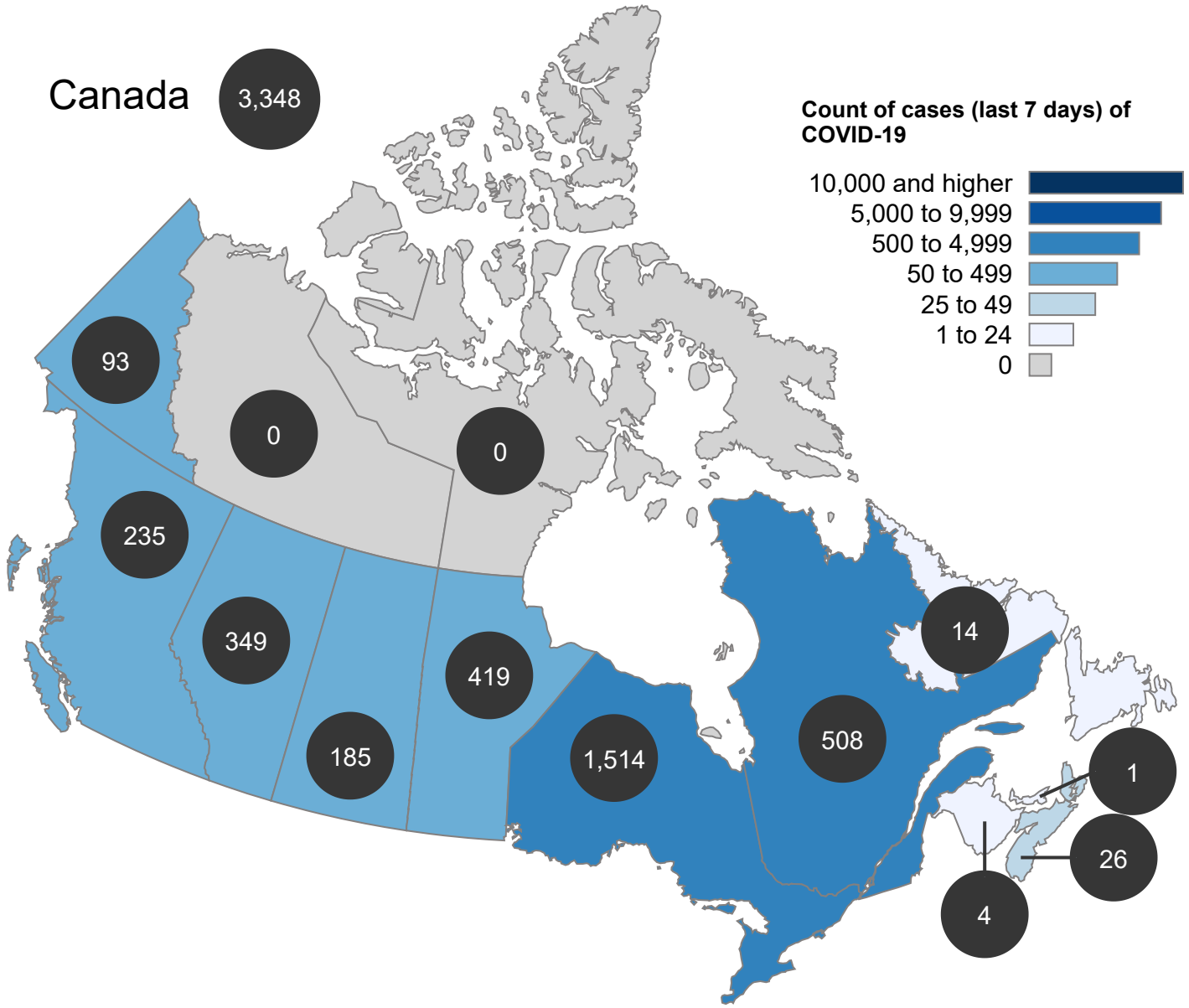
Cases today	Total cases	Active cases	Total resolved	Deaths today	Total deaths
559	1,418,632	5,481	1,386,764	6	26,387

Total tests performed	Daily percent positive (last 7 days)	Daily tests per 100,000 population (last 7 days)
37,148,758	1.0%	143

- 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 July 5, 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 (65.0%) and deaths (77.5%) were reported by Ontario and Quebec.
- Of the 12 jurisdictions reporting updates, no new cases were reported in 4 provinces or territories in the past 24 hours.
- Of the 12 jurisdictions reporting updates, no new deaths were reported in 8 provinces or territories in the past 24 hours.

Current situation

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



The count of cases (last 7 days) of COVID-19 in **Canada** was **3,348** as of July 7, 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 July 7, 2021. 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.

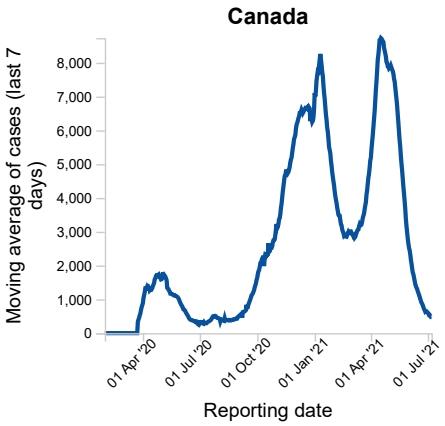
Areas in Canada with cases of COVID-19 as of July 7, 2021

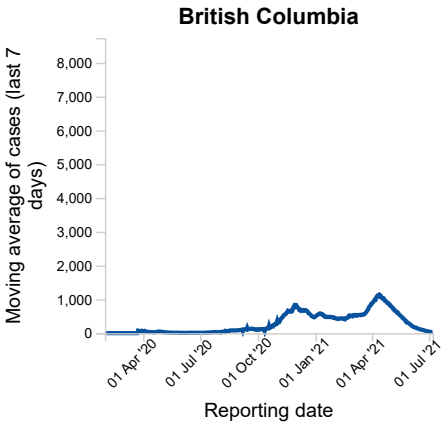
	Total cases		Cases last 7 days		Active cases		Resolved	Deaths		Deaths last 7 days		Total tests performed	Moving average tests performed last 7 days		Moving average positivity last 7 days
Location	Count	Rate*	Count	Rate*	Count	Rate*	Count	Count	Rate*	Count	Rate*	Count	Count	Rate*	Percent
Canada	**1,418,632**	**3,733**	**3,348**	**9**	**5,481**	**14**	**1,386,764**	**26,387**	**69**	**92**	**0**	**37,148,758**	**54,349**	**143**	**1.0%**
British Columbia	147,856	2,872	235	5	642	12	145,455	1,759	34	5	0	2,920,217	4,896	95	1.0%
Alberta	232,336	5,254	349	8	745	17	229,284	2,307	52	6	0	4,706,545	4,662	105	1.0%
Saskatchewan	49,039	4,161	185	16	319	27	48,150	570	48	2	0	922,710	1,573	133	2.1%
Manitoba	56,586	4,103	419	30	990	72	54,442	1,154	84	13	1	878,244	1,381	100	5.8%
Ontario	546,411	3,709	1,514	10	1,841	12	535,346	9,224	63	56	0	15,933,020	22,493	153	1.1%
Quebec	375,365	4,378	508	6	731	9	363,415	11,219	131	9	0	9,916,828	14,829	173	0.5%
Newfoundland and Labrador	1,400	268	14	3	18	3	1,375	7	1	0	0	305,392	575	110	0.4%
New Brunswick	2,336	299	4	1	11	1	2,279	46	6	1	0	377,666	507	65	0.3%
Nova Scotia	5,862	599	26	3	39	4	5,731	92	9	0	0	960,119	3,189	326	0.1%
Prince Edward Island	208	130	1	1	2	1	206	0	0	0	0	175,684	186	117	0.0%
Yukon	435	1,034	93	221	143	340	287	5	12	0	0	9,129	N/A	N/A	N/A
Northwest Territories	128	283	0	0	0	0	128	0	0	0	0	24,995	29	65	0.0%
Nunavut	657	1,670	0	0	0	0	653	4	10	0	0	18,133	29	73	0.0%

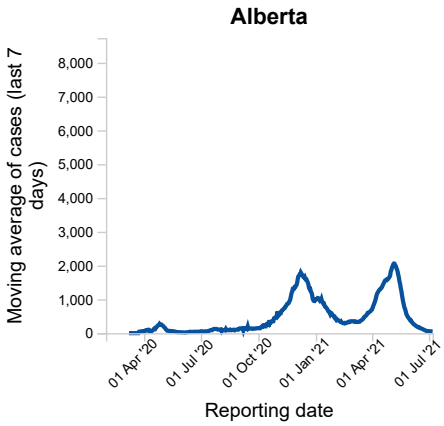
* Rate per 100,000 population

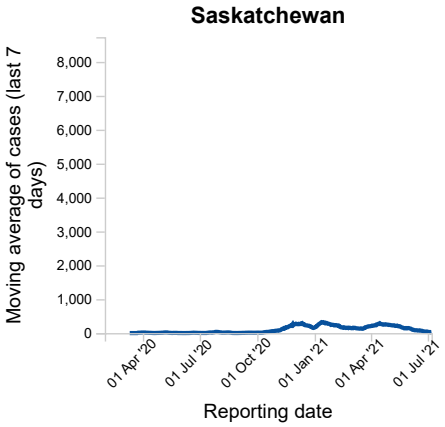
Figure 1b. Moving average of cases (last 7 days) of COVID-19 in Canada as of July 7, 2021, 7 pm EST

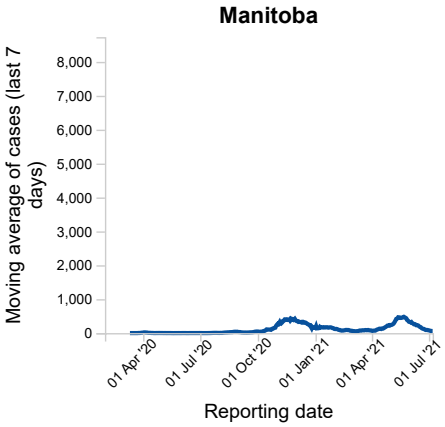
The figures below show cases over time. The range of dates (January 31st, 2020 - present date) is the same for each figure. This allows you to compare the provinces and territories on the same timescale.

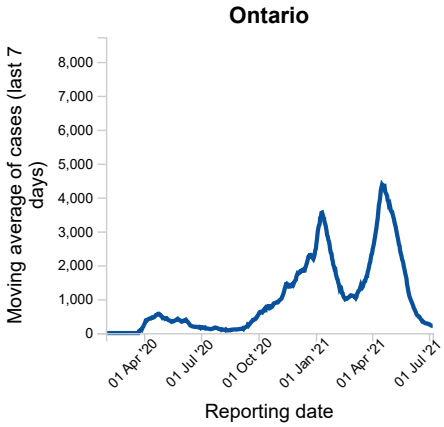


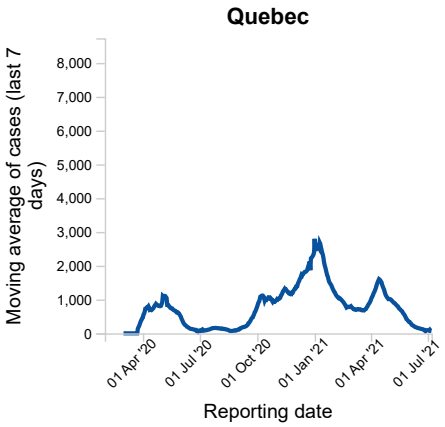


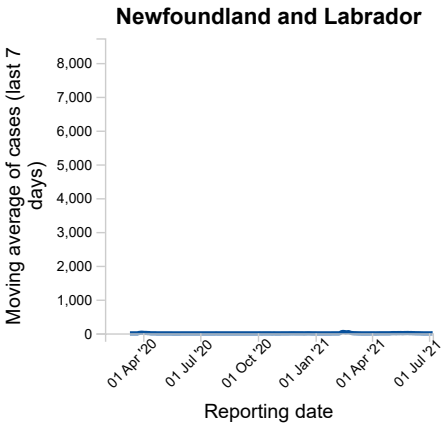


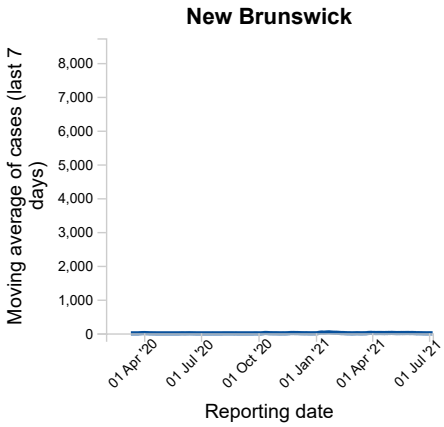


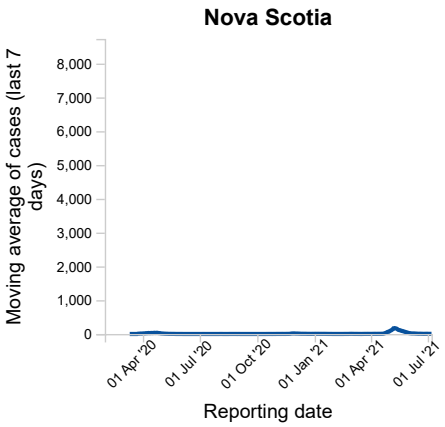


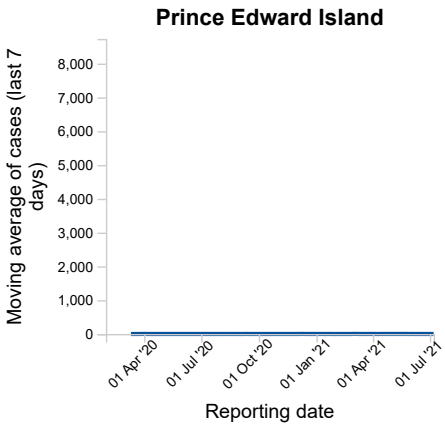


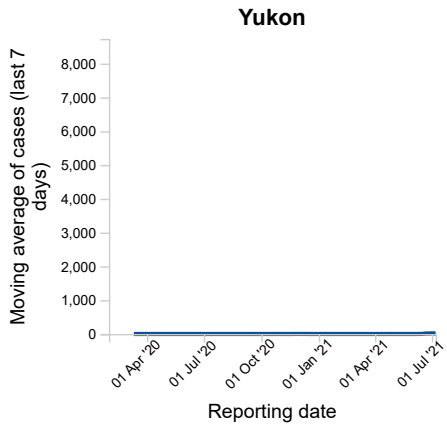


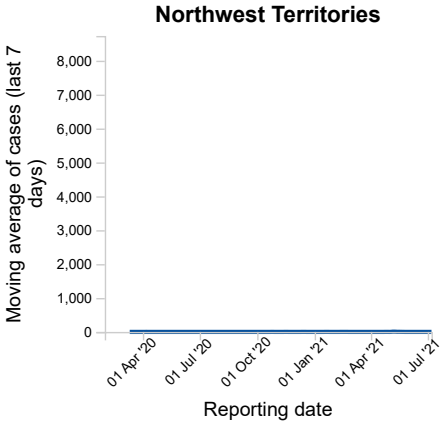


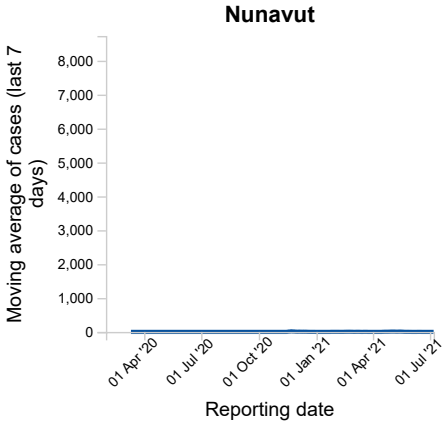












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Downloadable data (in .csv format).

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

National overview

There have been over **37,148,758** COVID-19 tests performed in Canada or **977,464 tests per 1 million people**. Of these, **4.0%** 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 July 7, 2021, 7 pm EST

Location	New cases	New deaths	Tests performed
Canada	**559**	**6**	**62,189**
British Columbia	59	0	4,913
Alberta	67	2	4,415
Saskatchewan	54	1	2,396
Manitoba	71	2	1,042
Ontario	194	0	28,755
Quebec	103	1	16,390
Newfoundland and Labrador	0	0	283
New Brunswick	0	0	446
Nova Scotia	1	0	3,199
Prince Edward Island	N/A	N/A	266
Yukon	10	0	N/A
Northwest Territories	0	0	50
Nunavut	0	0	34

* 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 July 7, 2021

Location	B.1.1.7 variant	B.1.351 variant	P.1 variant
Canada	**224,916**	**2,275**	**18,883**
British Columbia	13,555	152	10,273
Alberta	45,629	167	2,782
Saskatchewan	6,816	10	385
Manitoba	6,968	73	214
Ontario	144,338	1,420	4,650
Quebec	7,043	431	523
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	51
Northwest Territories	78	0	2
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: July 2, 2021, 7 pm EST

Epidemic curve

As of July 2, 2021, 7 pm EST, PHAC has received detailed case report data on 1,414,929 cases. Both exposure and symptom onset date were available for 1,262,046 (89.2%) 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=1,414,929 [1]) in Canada by date of illness onset [2] as of July 2, 2021, 7 pm EST (total cases)

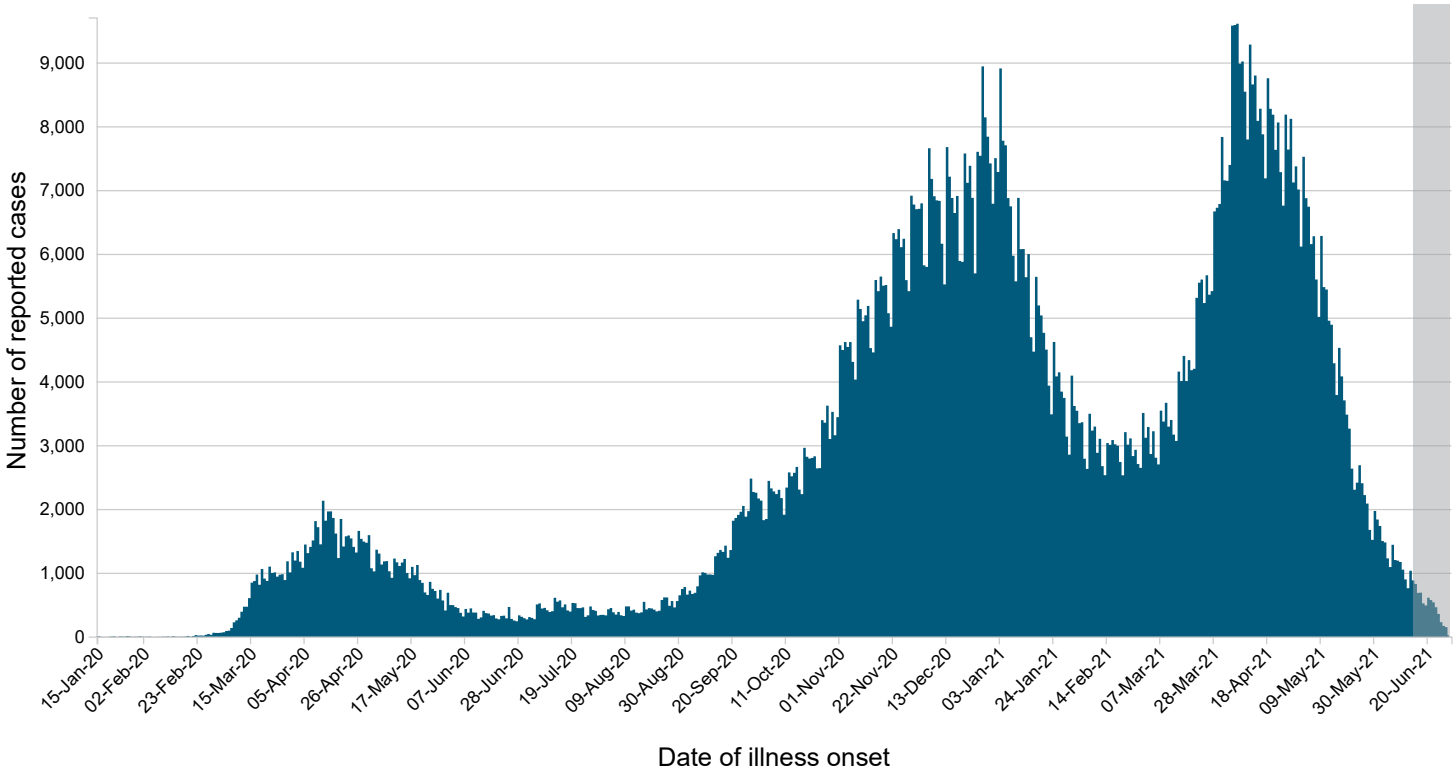


Figure 2. COVID-19 cases (n=1,262,046 [1]) in Canada by date of illness onset [2] as of July 2, 2021, 7 pm EST (by exposure)

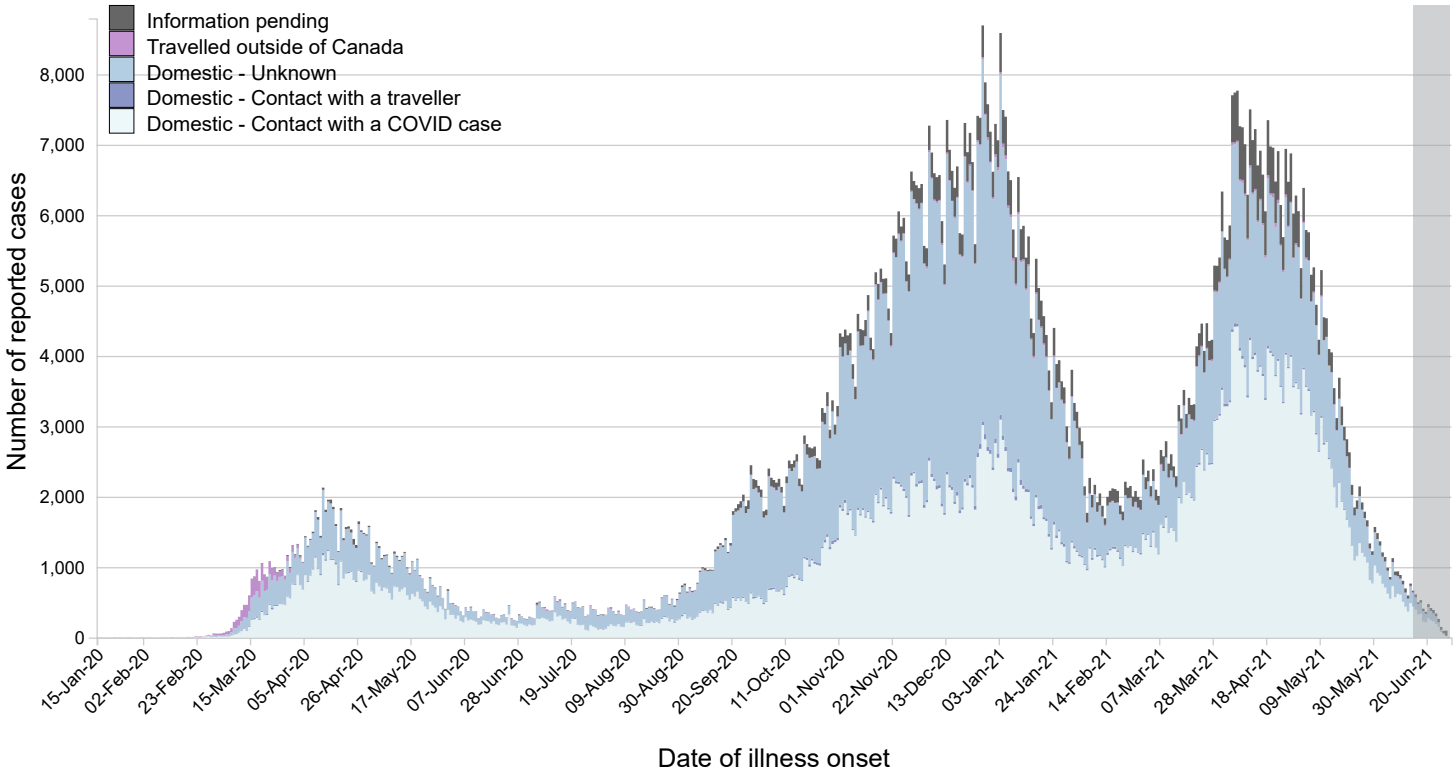


Figure 2. COVID-19 cases (n=1,414,556 [1]) in Canada by date of illness onset [2] as of July 2, 2021, 7 pm EST (by age - 10 year groups)

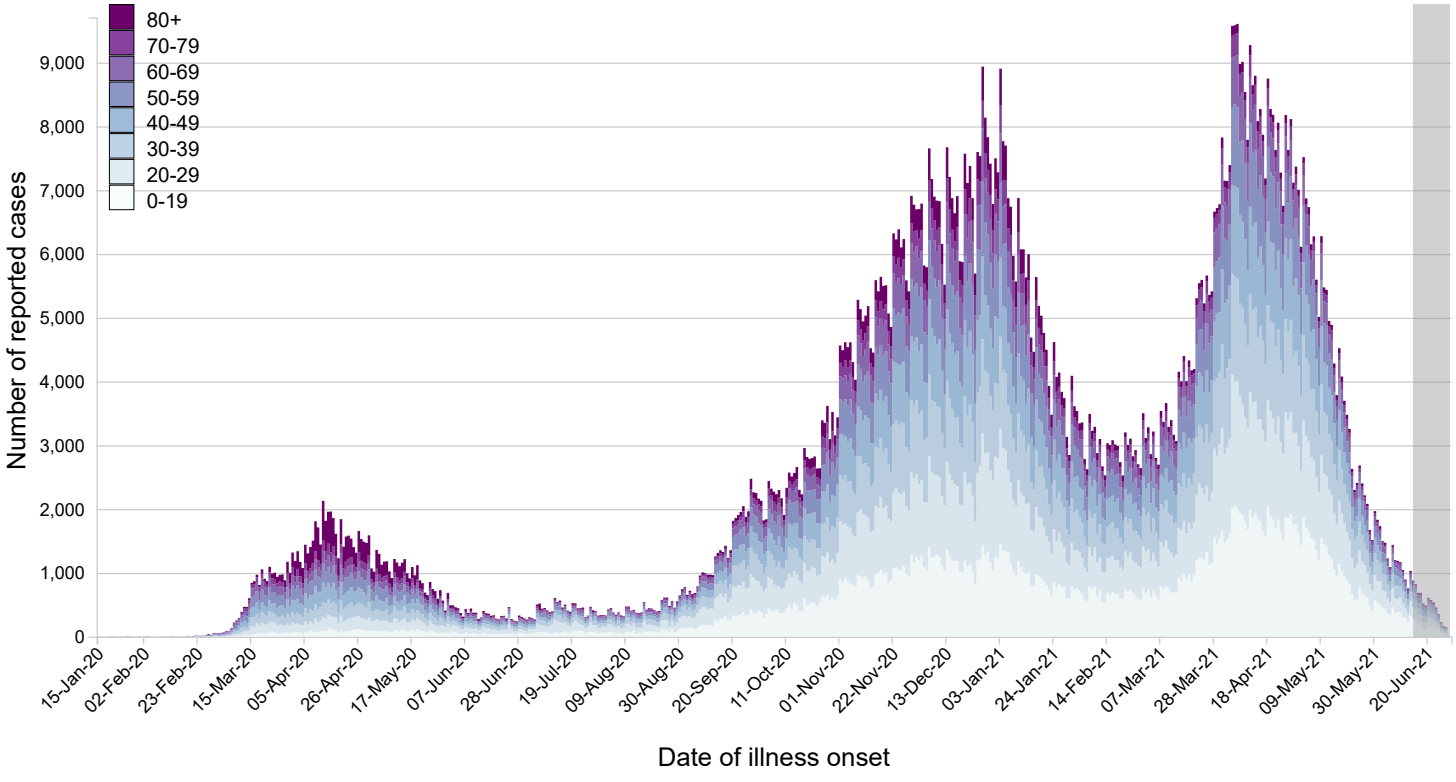
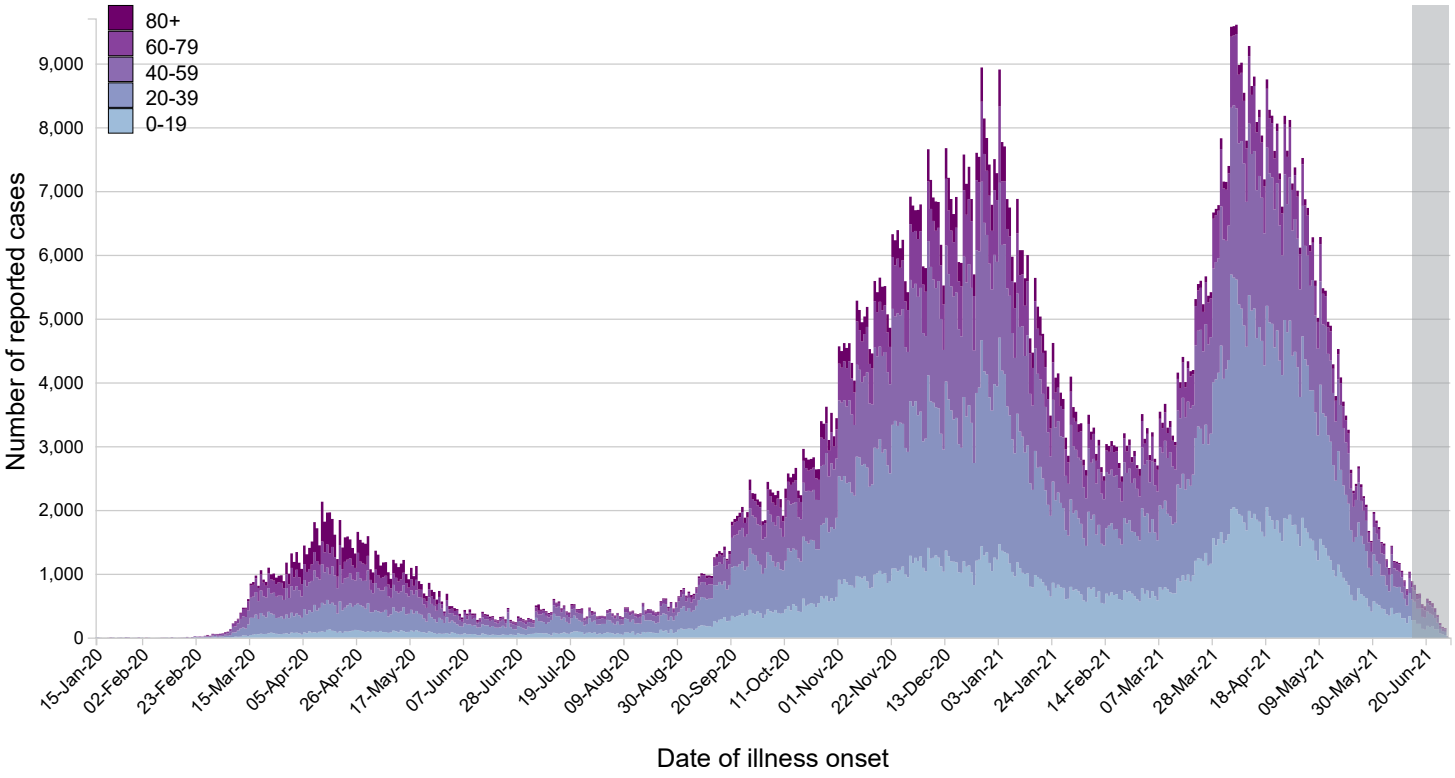


Figure 2. COVID-19 cases (n=1,414,556 [1]) in Canada by date of illness onset [2] as of July 2, 2021, 7 pm EST (by age - 20 year groups)



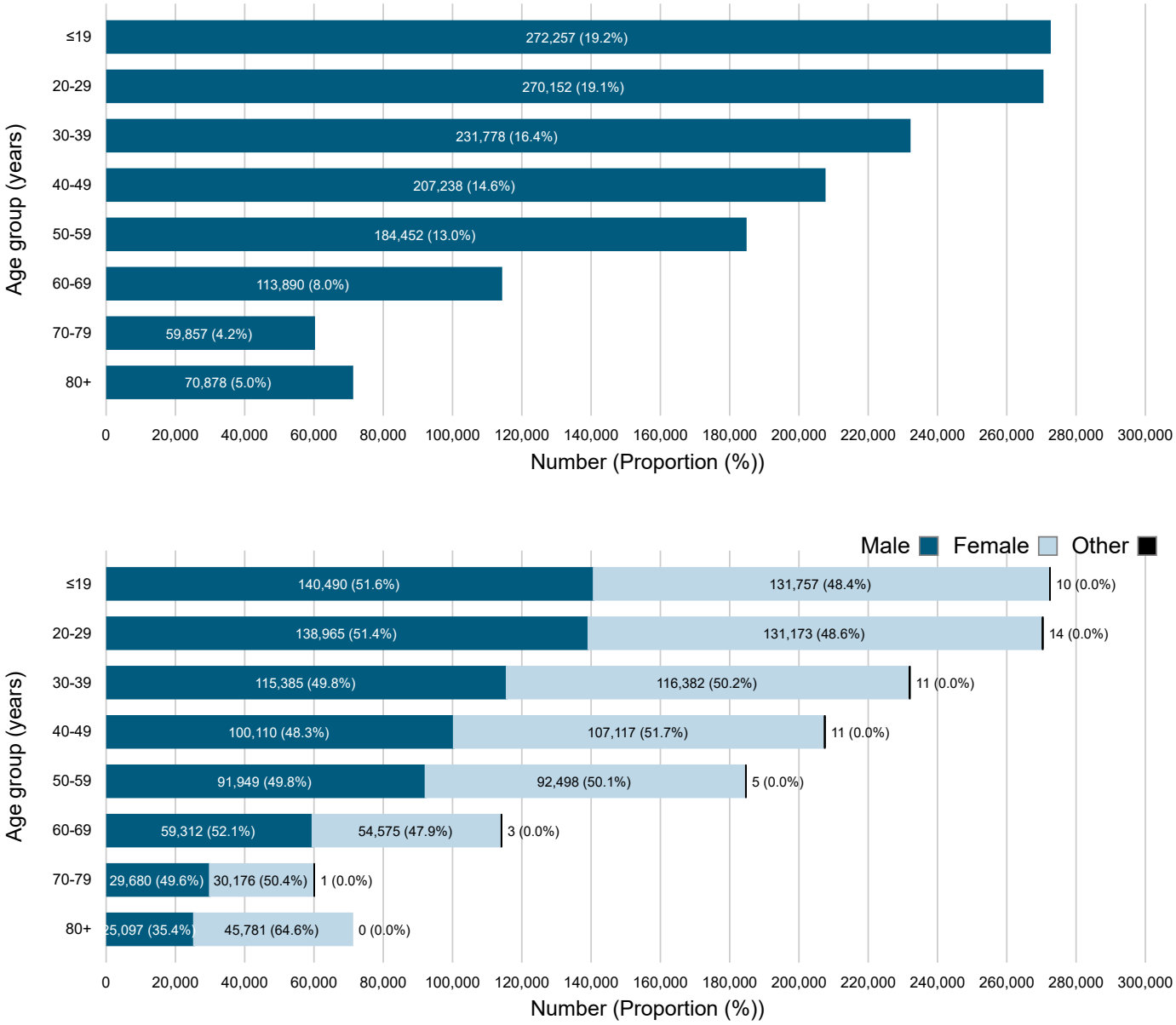
This figure may underestimate the total number of cases among returning travelers. Exposure history is not available for all cases and jurisdictions have not all consistently reported exposure history to PHAC throughout the pandemic.

Demographics

We have detailed case report data from 1,414,929 cases. We know the age of patients in 100.00% of cases, and both age and gender in 99.69% of cases.

Of the cases reported in Canada so far, 50.3% were female and 35.6% were between 20 and 39 years old (Figure 3).

Figure 3. Age distribution of COVID-19 cases (n=1,414,929 [1]) in Canada as of July 2, 2021, 7 pm EST [4]



Age by gender [4] distribution of COVID-19 cases (n=1,414,929 [1]) in Canada, July 2, 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	272,257 (19.2%)	140,490 (20.0%)	131,757 (18.6%)	10 (18.2%)
20-29	270,152 (19.1%)	138,965 (19.8%)	131,173 (18.5%)	14 (25.5%)
30-39	231,778 (16.4%)	115,385 (16.5%)	116,382 (16.4%)	11 (20.0%)
40-49	207,238 (14.6%)	100,110 (14.3%)	107,117 (15.1%)	11 (20.0%)
50-59	184,452 (13.0%)	91,949 (13.1%)	92,498 (13.0%)	5 (9.1%)
60-69	113,890 (8.0%)	59,312 (8.5%)	54,575 (7.7%)	3 (5.5%)
70-79	59,857 (4.2%)	29,680 (4.2%)	30,176 (4.3%)	1 (1.8%)
80+	70,878 (5.0%)	25,097 (3.6%)	45,781 (6.5%)	0 (0.0%)
Total	1,410,502 (100%)	700,988 (100%)	709,459 (100%)	55 (100%)

How people were exposed [3]

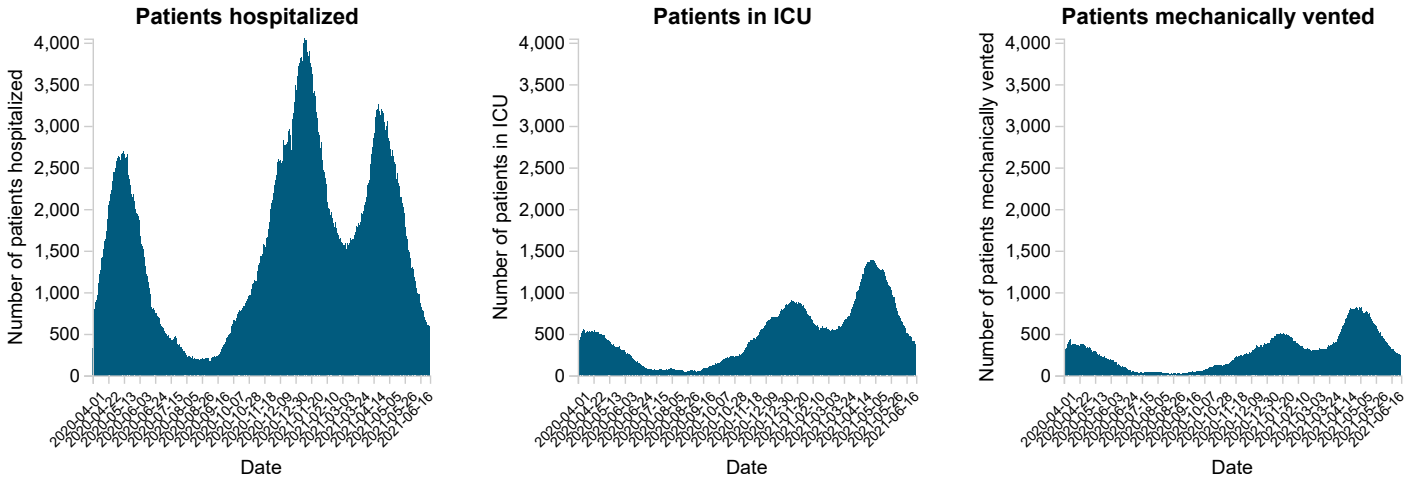
In Canada, detailed case report data were provided for 1,414,929 cases. We have exposure history for 1,262,046 (89.2%) cases. The probable exposure setting of these cases [1] are:

- any exposure that occurred in Canada: **1,175,148 (93.1%)**, including
  - from contact with a known COVID case: **586,053 (46.4%)**
  - from contact with a traveller: **8,470 (0.7%)**
  - from an unknown source: **580,625 (46.0%)**
- currently unknown (information pending): **77,246 (6.1%)**
- travelled outside of Canada: **9,652 (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 June 28, 2021



Between June 21, 2021 and June 28, 2021:

- the number of **hospital beds** occupied by COVID-19 patients **decreased** from **696** to **595** beds.
- the number of **ICU beds** occupied by COVID-19 patients **decreased** from **471** to **376** beds.
- the number of **COVID-19 patients who were mechanically vented decreased** from **282** to **241**.

Hospitalizations and deaths to date

We have detailed case report data on 1,414,929 cases, and hospitalization status for 992,530 (70.1%) of them:

- **74,484** cases **(7.5%)** were hospitalized, of whom:
  - **13,960 (18.7%)** were admitted to the ICU
  - **1,920 (2.6%)** needed mechanical ventilation

The provinces and territories provided detailed case report forms for **26,281** deaths related to COVID-19.

Figure 5a. Age and gender [4] distribution of COVID-19 cases hospitalized in Canada as of July 2, 2021, 7 pm EST (n=74,340 [1])

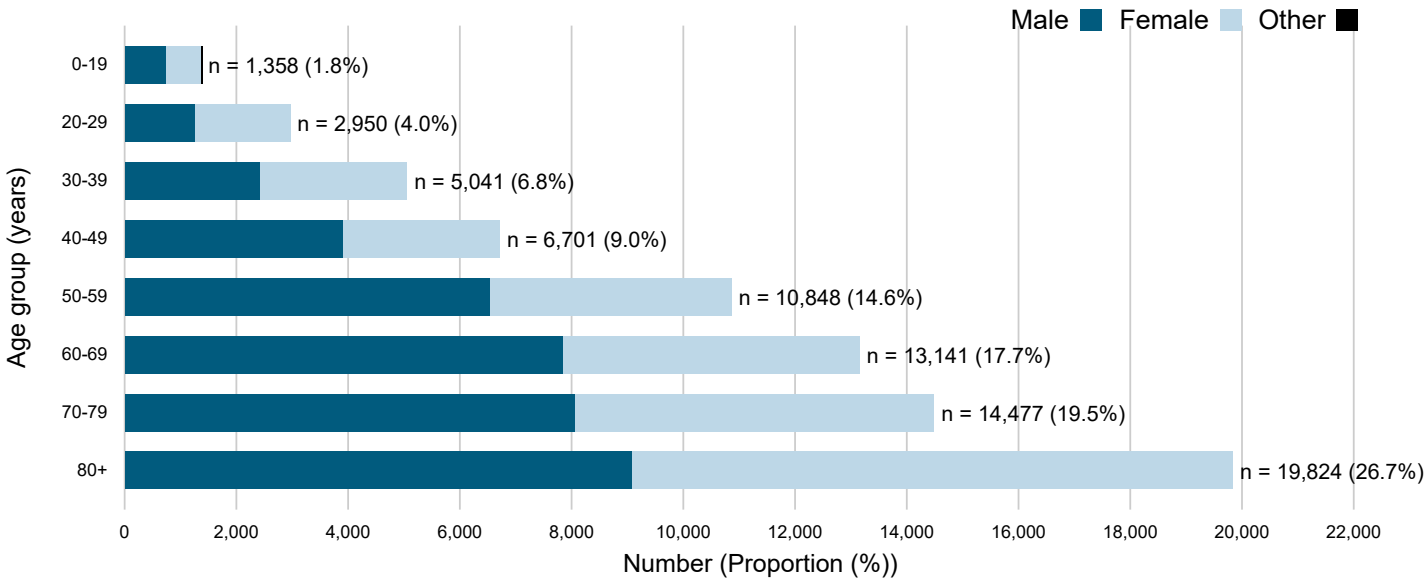


Figure 5b. Age and gender [4] distribution of COVID-19 cases admitted to ICU in Canada as of July 2, 2021, 7 pm EST (n=13,926 [1])

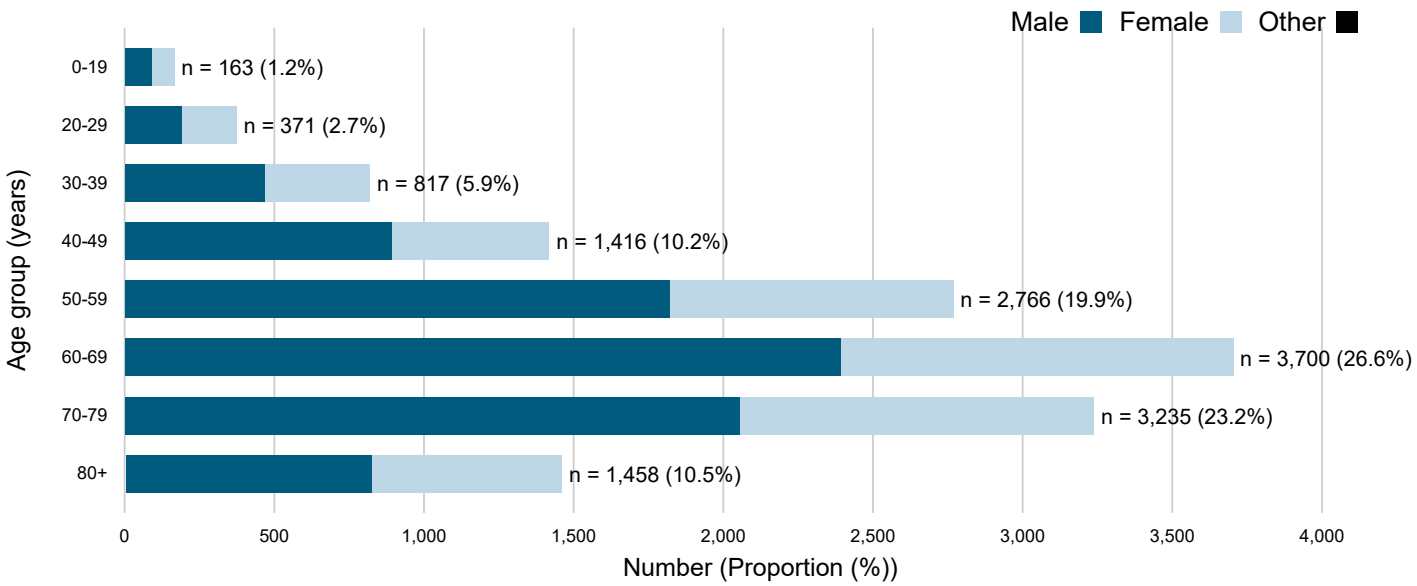
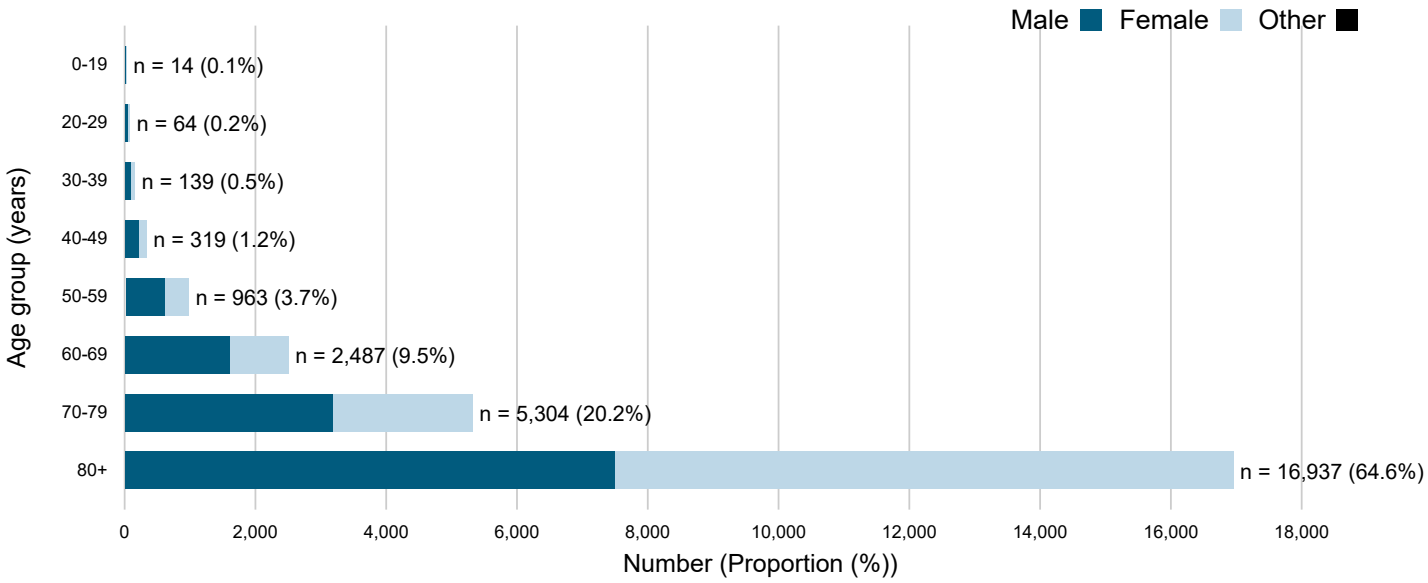


Figure 5c. Age and gender [4] distribution of COVID-19 cases deceased in Canada as of July 2, 2021, 7 pm EST (n=26,227 [1])



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 [4] distribution of COVID-19 cases hospitalized in Canada as of July 2, 2021, 7 pm EST (n=74,340 [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	1,358 (1.8%)	725 (1.0%)	632 (0.9%)	1 (0.0%)
20-29	2,950 (4.0%)	1,241 (1.7%)	1,709 (2.3%)	0 (0.0%)
30-39	5,041 (6.8%)	2,417 (3.3%)	2,624 (3.5%)	0 (0.0%)
40-49	6,701 (9.0%)	3,891 (5.2%)	2,810 (3.8%)	0 (0.0%)
50-59	10,848 (14.6%)	6,517 (8.8%)	4,331 (5.8%)	0 (0.0%)
60-69	13,141 (17.7%)	7,842 (10.5%)	5,299 (7.1%)	0 (0.0%)
70-79	14,477 (19.5%)	8,052 (10.8%)	6,425 (8.6%)	0 (0.0%)
80+	19,824 (26.7%)	9,069 (12.2%)	10,755 (14.5%)	0 (0.0%)

Age and gender [4] distribution of COVID-19 cases admitted to ICU in Canada as of July 2, 2021, 7 pm EST (n=13,926 [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	163 (1.2%)	89 (0.6%)	74 (0.5%)	0 (0.0%)
20-29	371 (2.7%)	190 (1.4%)	181 (1.3%)	0 (0.0%)
30-39	817 (5.9%)	467 (3.4%)	350 (2.5%)	0 (0.0%)
40-49	1,416 (10.2%)	892 (6.4%)	524 (3.8%)	0 (0.0%)
50-59	2,766 (19.9%)	1,819 (13.1%)	947 (6.8%)	0 (0.0%)
60-69	3,700 (26.6%)	2,390 (17.2%)	1,310 (9.4%)	0 (0.0%)
70-79	3,235 (23.2%)	2,055 (14.8%)	1,180 (8.5%)	0 (0.0%)
80+	1,458 (10.5%)	825 (5.9%)	633 (4.5%)	0 (0.0%)

Age and gender [4] distribution of COVID-19 cases deceased in Canada as of July 2, 2021, 7 pm EST (n=26,227 [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	14 (0.1%)	6 (0.0%)	8 (0.0%)	0 (0.0%)
20-29	64 (0.2%)	40 (0.2%)	24 (0.1%)	0 (0.0%)
30-39	139 (0.5%)	89 (0.3%)	50 (0.2%)	0 (0.0%)
40-49	319 (1.2%)	206 (0.8%)	113 (0.4%)	0 (0.0%)
50-59	963 (3.7%)	596 (2.3%)	367 (1.4%)	0 (0.0%)
60-69	2,487 (9.5%)	1,595 (6.1%)	892 (3.4%)	0 (0.0%)
70-79	5,304 (20.2%)	3,169 (12.1%)	2,135 (8.1%)	0 (0.0%)
80+	16,937 (64.6%)	7,486 (28.5%)	9,451 (36.0%)	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 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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