

COVID-19 MORNING BRIEF OCTOBER 14, 2020

CANADA UPDATE

I. Public Health and Epidemiology

National Case Counts: (as of October 13, 19:00 EDT)

- **Total and New Cases:**
 - Total of **186,881 reported cases (+4,042**, including 2,046 new cases yesterday) among reporting provinces and territories.
 - This represents a rate of **10.8 new cases per 100,000 yesterday**.
- **Recovered and Active Cases:**
 - **157,486 (84.3%)** cases have recovered, for a total of **19,741 (+787) active cases**. ** *Additional information on active cases at Annex A*
- **Deaths:**
 - **9,654 (+27)** deaths (BC-5, AB-4, MB-1, ON-12, QC-5).
- **Reproduction Rate:**
 - The estimated reproduction rate (Rt) in Canada is **0.82** as of October 13.

Provincial and Territorial (P/T) Case Counts:

- Cases are distributed across 10 provinces and 2 territories (BC, AB, SK, MB, ON, QC, NL, NB, NS, PE, YK, and NT).
- Rate of new cases per 100,000:
 - BC – 10.8; AB – 22.0; SK – 2.9; MB – 9.1; ON – 10.7; QC – 9.6; NB – 0.8
- BC reported **549** new cases yesterday; **8,974** cases have recovered, for a total of **1,510 (+72) active cases**.
- AB reported **961** new cases yesterday; **18,055** cases have recovered, for a total of **2,615 (+390) active cases**.
- Ontario reported **746** new cases yesterday, and 807 cases on Monday; **51,729** cases have recovered, for a total of **5,946 (+249) active cases**.
 - According to the province's epidemiological summary, the **Greater Toronto Area** reported **505** new cases for October 12 and 526 new cases on October 11, for a total of approximately **39,542** cases, **21%** of the national case count.
- Quebec reported **815** new cases yesterday; **73,734** cases have recovered, for a total of **8,087 (-67) active cases**.
 - According to Santé Montréal, the **Greater Montreal Area** reported **425** new cases on October 12, for a total of approximately **58,822** cases, **31%** of the national case count.

National and P/T Testing Overview:

- **8,269,676 (+78,084)** people have been tested for COVID-19 across Canada to date (average of **59,558** per day over the last 7 days).

- **2.1%** have tested positive to date.
- The percentage of positive tests for the week of October 4 to October 10 is **1.6%**.
- On Monday and yesterday, Ontario tested **65,492** people. Testing numbers of British Columbia, Alberta, and Quebec were not available.

Long-Term Care Facilities:

- Based on P/T websites and press briefings, and not validated by P/Ts, **7,467** of 9,654 (77%) deaths in Canada were linked to LTC facilities as of October 13.
- On October 13, P/Ts reported **5** deaths in LTC facilities (public or privately run). These deaths had the following breakdown:
 - BC – 174 (+0); AB – 176 (+2); SK – 2 (+0); MB – 16 (+0); ON – 2,070 (+3); QC – 4,970 (+0); NB – 2 (+0); NS – 57 (+0).

Note: These numbers are subject to fluctuation and reporting lags as P/Ts complete investigations to verify deaths linked to LTC facilities. As such, these numbers cannot be directly compared against the daily numbers of new deaths reported above. Facilities may be privately run or under provincial authority.

Indigenous Communities:

As of October 13:

- **First Nations Communities** – There are **880 (+88)** confirmed cases and **13 (+0)** deaths associated with First Nations communities.
 - **670 (+9)** cases have recovered, for a total of **197 (+79)** active cases.
 - The new cases are in AB (+21), SK (+27), MB (+26), and ON (+14).
 - **AB:** There are 45 active on-reserve cases in 24 Alberta First Nations. Enhanced voluntary public health measures have been implemented in the Edmonton Zone in response to rising COVID 19 cases, including in First Nations in the area.
 - **SK:** There are 36 active on-reserve cases in Saskatchewan First Nations. Of those, 27 active cases in 10 First Nations communities are known to be linked to the Prince Albert Gospel Church outbreak. Stanley Mission has 6 new active cases in the community.
 - **MB:** There are 67 active on-reserve cases in Manitoba First Nations. Little Grand Rapids Health Programs and Services reported a total of 40 positive cases, with no new cases reported by ISC today. ISC-MB met with the leadership of Poplar River First Nation following 10 confirmed cases in that community.
 - **ON:** There are 21 active on-reserve cases in Ontario First Nations, including 8 active cases in Six Nations of the Grand River.
 - **Northern and Inuit Communities*** – Inuit Communities – There are 23 (+0) cases associated with residents of Inuit communities in Nunavik (northern QC), with 22 recovered and 1 active
- All cases in Yukon (15) and NWT (5) have recovered.
**Breakdowns based on Indigenous identity are not available in the territories*

Temporary Foreign Workers and Farm Outbreaks:

- As of October 7:
 - There are **2,401 (+1)** reported cases among workers on farms in Canada.

- **2,272 (+0)** cases reported to have recovered, for a total of **126 (+1) active cases**.
- There are at least **92 (+1) operations** affected, **42 (+0)** of which are reported to no longer have active cases.

Federal Inmates and Employees:

As of October 7 (Inmates) and October 13 (Employees):

	Inmate Positive Tests	Inmate Resolved Cases	Active Inmate Cases	Employee Positive Tests	Employee Resolved Cases	Active Employee Cases
CSC Total	360	358	0	177 (+2)	161 (+0)	16 (+2)

- On October 13, there were two new employee cases at the Matsqui (1) and Cowansville (1).

II. Communications and Media Coverage

- Domestic coverage of the COVID-19 pandemic remains heavy Wednesday morning as the country continues to grapple with rising cases of the virus. While reports are wide-ranging, coverage continues to focus predominantly on the hardest hit provinces of Ontario and Quebec. In this regard, an outbreak at a Spinco in Hamilton, Ontario is garnering significant coverage, as is news that several of Ontario's school boards have cancelled final exams. Notable coverage Wednesday morning also includes polling data regarding mandatory inoculations when a COVID-19 vaccine becomes available. According to the Leger poll, support for mandatory vaccination is declining from levels seen early on in the pandemic. Finally, several reports this morning are drawing on comments made Tuesday by Dr. Theresa Tam, who expressed optimism that Halloween would not need to be cancelled this year.
- International sources focused on continuing restrictions across much of Europe as cases surge, while India is set to reopen schools in parts of the country. Reports also focused on news that drug maker Eli Lilly has now become the third company to pause clinical trials, after a safety concerns related to its antibody treatment. The number of global cases also generated attention in reports as cases have now reached over 38 million with over 1 million deaths.

Government of Canada Public Communications – October 14, 2020

- **TBC (HC) NR** to announce final regulations modernizing the Special Access Program, and Interim Order to expedite the authorization and importation of drugs to diagnose, treat or prevent COVID-19.
- **StatsCan to release:** Canadian Health Measures Survey: Household and physical measures data (2018 & 2019); Study: The Economic Impact of Travel Restrictions on the Canadian Economy due to the COVID-19 Pandemic; & Research and development in Canadian industry: Intellectual property (2018), National, National

III. U.S. UPDATE

Case Counts:

- As of 6:00am on October 14, Johns Hopkins is reporting **7,859,320 (+54,983)** cases of COVID-19, including **215,914 (+828)** deaths.
 - As of October 12, the CDC is reporting that the number of tests performed by commercial, hospital, public health, and CDC laboratories is **127,537,603** (average of **1,000,743** per day over the last 7 days).
 - **8%** have tested positive to date.

IV. GLOBAL UPDATE

Case Counts:

- As of 6:00am on October 13, Johns Hopkins is reporting **38,172,523 (+343,237)** confirmed cases of COVID-19, including **1,086,996 (+5,702)** deaths. The U.S. is reporting the highest numbers of cases, followed by India, Brazil, Russia, Colombia, Argentina, Spain and Peru.

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ANNEX A: Overview of COVID-19 Cases in Canada

Table 1. Updated COVID-19 Cases (as of October 13, 2020 at 19:00 ET)

Location	Total cases	New cases since yesterday	Active Cases	Total deaths	People tested	% of people who tested positive	Testing rate per thousand	Tests per confirmed case	Average daily tests for last 7 days	Average daily tests for last 7 days per thousand	Weekly percent positivity (Sept 27 - Oct 3)	Daily Testing Capacity	Daily testing capacity per thousand	Average daily testing as a % of capacity
BC	10,734	549	1,510	250	501,496	2.0%	99	47	3,751	0.7	1.9%	6,226	1.25	60%
AB	20,956	961	2,615	286	1,085,790	1.7%	248	52	6,136^	1.4^	1.6%^	11,738	1.23	52%
SK	2,174	34	238	25	179,463	1.2%	153	83	1,574	1.3	1.2%	1,800	1.08	87%
MB	2,779	124	1,248	35	207,039	1.4%	151	75	1,427	1.0	2.7%	3,000	0.80	48%
ON	60,692	1,553	5,946	3,017	4,316,254*	1.4%	296	71	36,916	2.5	1.7%	39,748	0.56	93%
QC	87,791	815	8,087	5,970	1,702,243	4.7%	201	19	13,997	1.7	6.7%	20,000	2.40	70%
NL	283	0	8	4	47,064	0.6%	90	166	347	0.7	0.1%	1,450	0.72	24%
NB	284	6	82	2	74,678	0.4%	96	263	624	0.8	1.5%	1,500	2.00	42%
NS	1,092	0	4	65	102,916	1.1%	106	94	519	0.5	0.1%	1,500	0.60	35%
PE	63	0	3	0	41,527	0.2%	265	659	342	2.2	0.04%	350	1.47	98%
YT	15	0	0	0	3,646	0.4%	89	243	14	0.4	0.0%			
NT	5	0	0	0	4,786	0.1%	107	957	20	0.4	0.0%			
NU	0	0	0	0	2,698	0.0%	70		28	0.7	0.0%			
Repatriated travellers	13	0	0	0	76	-	-	6	-	-	-			
Total	186,881	4,042	19,741	9,654	8,269,676	2.1%	220	44	59,558 (-19,327)*	1.8	2.8%			

• **Note:** There are discrepancies between the number of people tested captured in this chart and that on P/T websites given reporting lags, differing reporting cut-offs, or changes in lab testing criteria. For P/Ts that report the number of tests completed or number of samples tested, as opposed to the number of people tested, a formula is used to estimate the number of individuals tested (source: Canada.ca).

* The bracketed number represents the change in average daily tests (positive or negative) over the previous day's figure. These national numbers do not capture laboratory testing numbers for Alberta, due to reporting errors.

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Table 2. Total and Reported Cases by P/T for the Last Seven Days

	October 7, 2020			October 8, 2020			October 9, 2020			October 10, 2020			October 11, 2020			October 12, 2020			October 13, 2020		
	Total Cases	Total new cases	Tests done today	Total Cases	Total new cases	Tests done today	Total Cases	Total new cases	Tests done today	Total Cases	Total new cases	Tests done today	Total Cases	Total new cases	Tests done today	Total Cases	Total new cases	Tests done today	Total Cases	Total new cases	Tests done today
BC	9,956	115	5,586	10,066	110	5,365	10,185	119	7,505	10,185	0	7,798	10,185	0	N/A	10,185	N/A	N/A	10,734	101	N/A
AB	19,354	143	N/A	19,718	364	73,654**	19,995	277	N/A	19,995	0	N/A	19,995	0	N/A	19,995	N/A	N/A	20,956	220	N/A
SK	1,994	10	1,264	2,012	18	1,296	2,034	22	1,724	2,068	34	1,285	2,092	24	2,207	2,140	48	1,686	2,174	34	1,553
MB	2,278	32	2,405	2,344	66	2,686	2,428	84	2,983	2,524	96	N/A	2,578	54	N/A	2,655	77	N/A	2,779	124	9,489
ON	55,945	583	41,862	56,742	797	46,903	57,681	939	43,445	58,490	809	42,849	59,139	649	42,695	59,139	N/A	N/A	60,692	746	65,492
QC	81,914	900	13,008	82,992	1,078	16,980	84,094	1,102	15,025	85,191	1,097	15,896	86,133	942	13,705	86,976	843	10,791	87,791	815	N/A
NL	277	0	361	277	0	561	279	2	403	282	3	225	282	0	206	283	1	227	283	0	272
NB	222	17	649	225	3	661	238	13	767	258	20	604	272	14	701	278	6	683	284	6	660
NS	1,089	0	594	1,089	0	684	1,089	0	722	1,092	3	435	1,092	0	N/A	1,092	0	768	1,092	0	440
PE	61	0	457	61	0	349	61	0	417	61	0	336	63	2	248	63	N/A	251	63	0	120
YK	15	0	20	15	0	19	15	0	27	15	0	N/A	15	0	N/A	15	N/A	N/A	15	0	58
NT	5	0	38	5	0	41	5	0	41	5	0	N/A	5	0	N/A	5	N/A	N/A	5	0	N/A
NU	0	0	57	0	0	56	0	0	58	0	0	9	0	0	13	0	N/A	N/A	0	0	N/A
RC*	13	0	0	13	0	0	13	0	0	13	0	0	13	0	0	13	0	0	13	0	0
Total	173,123	1,800	66,301	175,559	2,436	149,255	178,117	2,558	73,117	180,179	2,062	69,437	181,864	1,685	59,775	182,839	975	14,406	186,881	2,046	78,084

*RC – Repatriated Canadians

**This figure reflects people tested in Alberta since September 29th, 2020.

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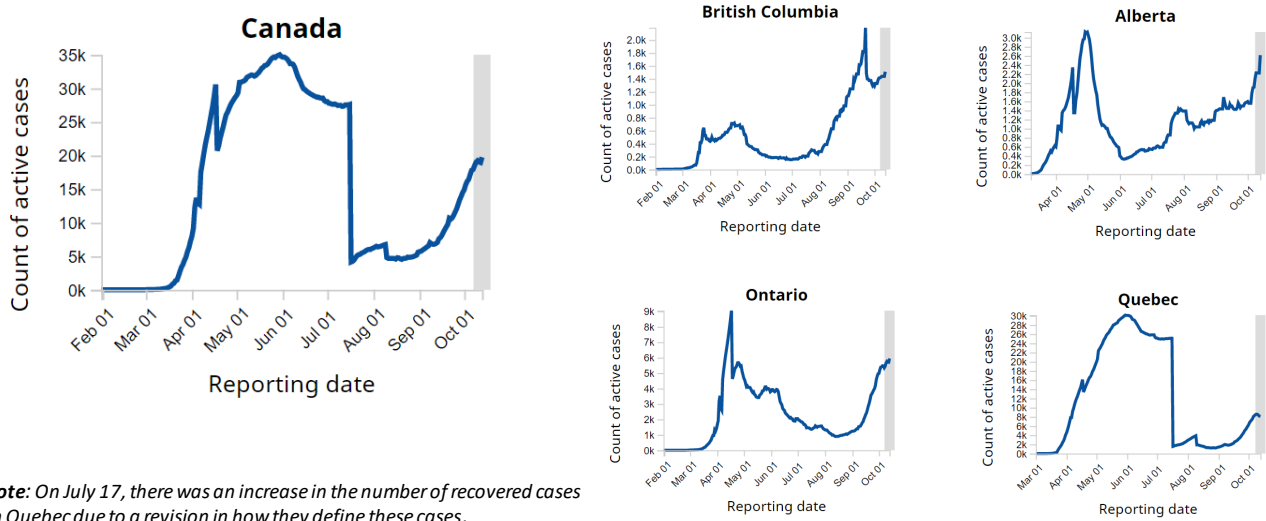
Table 3. Total and Active Cases in Canada over a Fourteen Day Period (when available)

	Sept. 23	Sept. 24	Sept. 27*	Sept. 28	Sept. 29	Sept. 30	Oct. 1	Oct. 4*	Oct. 5	Oct. 6	Oct. 7	Oct. 8	Oct. 12**	Oct. 13
ACTIVE CASES	10,722 (+197)	11,138 (+416)	12,759 (+1,621)	13,416 (+657)	13,933 (+517)	14,490 (+557)	14,866 (+376)	16,432 (+1,566)	17,122 (+690)	17,799 (+677)	17,916 (+117)	18,494 (+578)	18,954 (+460)	19,741 (+787)
TOTAL CASES	147,753 (+1,090)	149,094 (+1,341)	153,125 (+4,031)	155,301 (+2,176)	156,961 (+1,660)	158,758 (+1,797)	160,535 (+1,777)	166,156 (+5,621)	168,960 (+2,804)	171,323 (+2,363)	173,123 (+1,800)	175,559 (+2,436)	182,839 (+7,280)	186,881 (+4,042)

*Includes certain P/T Total and Active Cases Reported on Saturday and Sunday.

**Includes certain P/T Total and Active Cases Reported over the long weekend.

Figure 1. Active Cases in Canada and Select Provinces



Note: 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.

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Figure 2. Daily Number of Reported New COVID-19 Cases in Canada over the Last Fourteen Days as of October 13, 2020

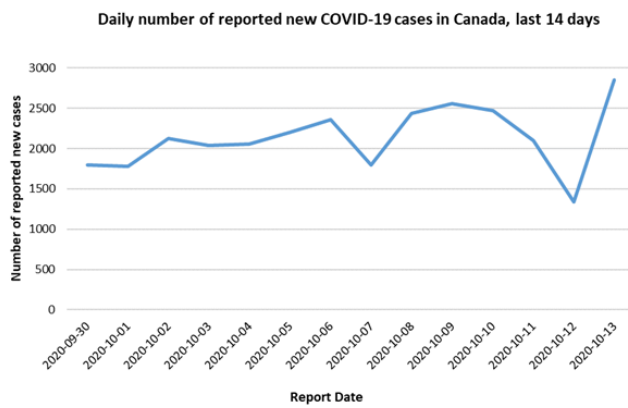
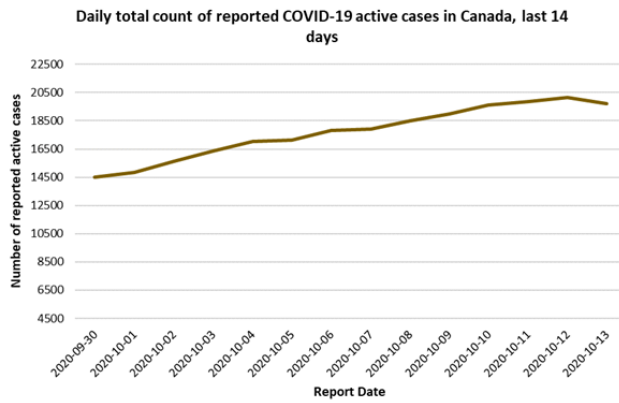
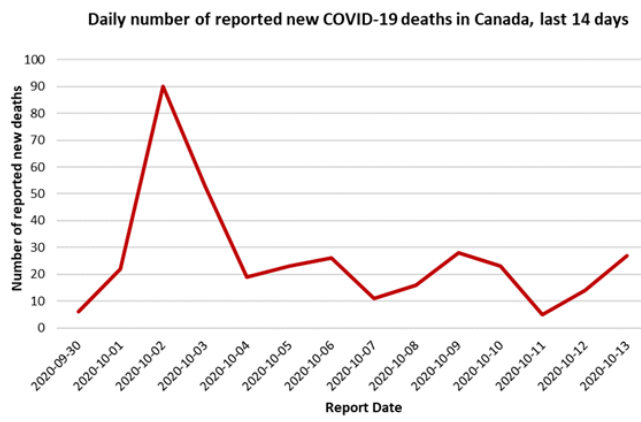


Figure 3. Daily Total Count of Reported COVID-19 Active Cases in Canada over the Last Fourteen Days as of October 13, 2020



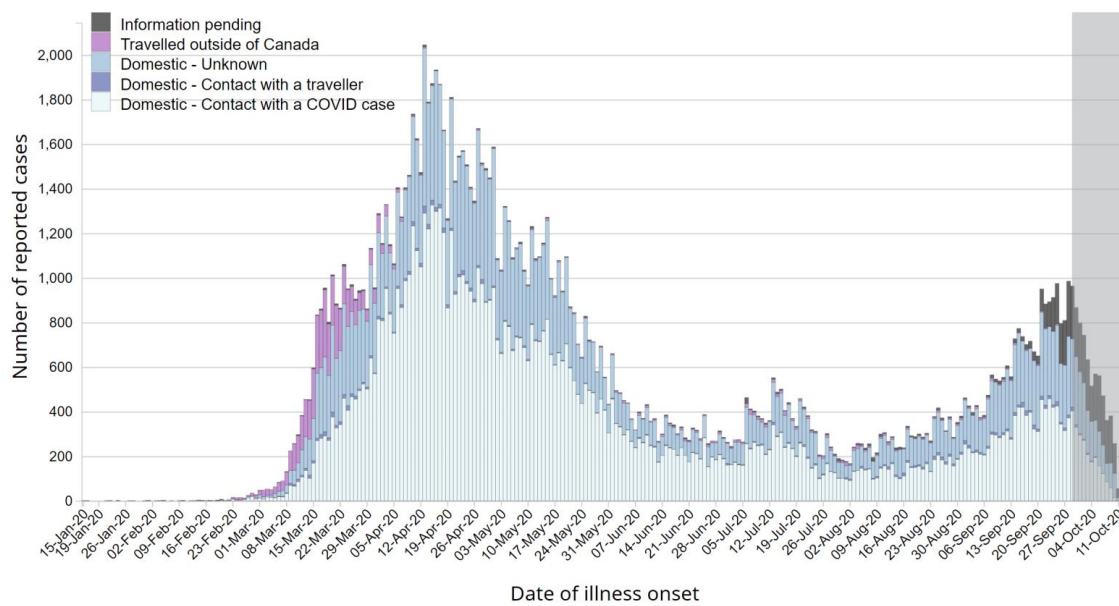
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Figure 4. Daily Number of Reported New COVID-19 Deaths in Canada over the Last Fourteen Days as of October 13, 2020



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Figure 5. COVID-19 Cases (n=149,794) in Canada, by date of illness onset and exposure category as of October 13, 2020



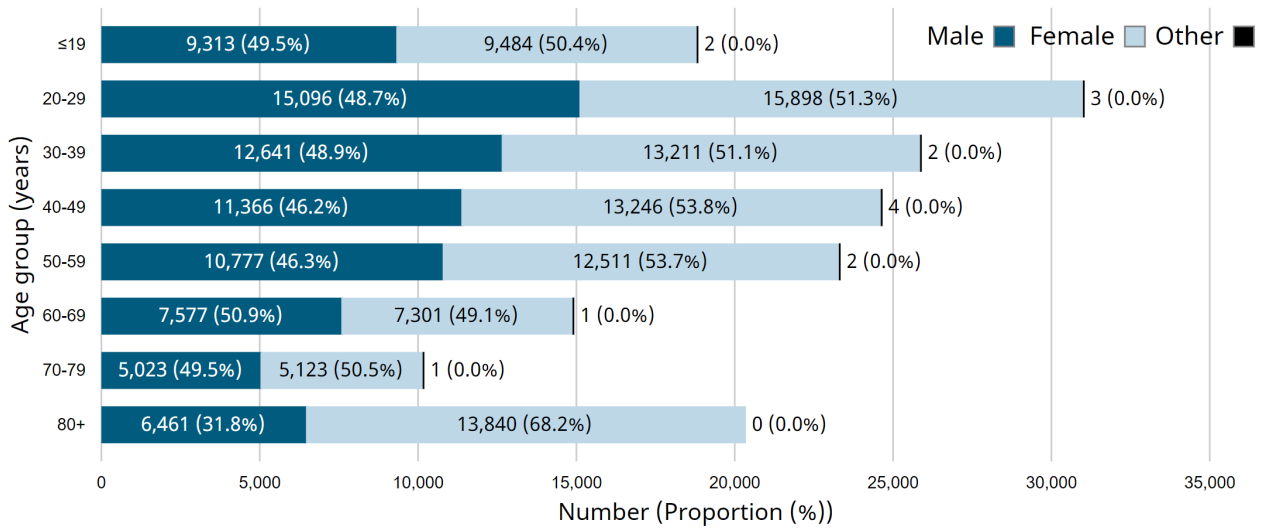
Note: The shaded area represents a period of time (lag time) where it is expected that cases have occurred but have not yet been reported nationally.

Source: <https://health-infobase.canada.ca/covid-19/epidemiological-summary-covid-19-cases.html>

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Figure 6. Age by Sex Distribution of COVID-19 Cases (n=168,883) in Canada as of October 13, 2020

Of the COVID-19 cases reported in Canada to date, approximately half (50.4%) are female. Approximately one-quarter (26.4%) of cases are 60 years old and over.



Source: <https://health-infobase.canada.ca/covid-19/epidemiological-summary-covid-19-cases.html#fn3>

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Table 4. National and Provincial Effective Reproduction Number (R_t) over a Seven Day Period (when available)

	Oct. 1	Oct. 2	Oct. 5	Oct. 6	Oct. 7	Oct. 9	Oct. 13	7-day Average
Canada	1.29	1.27	1.08	1.22	1.25	1.17	0.82	1.16
BC	1.05	1.03	0.48	1.36	1.28	1.11	0.00	0.90
AB	1.15	1.20	0.31	1.46	1.64	1.59	0.00	1.05
SK	1.30	1.35	0.72	0.70	1.00	1.14	1.99	1.17
MB	1.04	0.88	0.72	0.98	1.23	1.30	1.36	1.07
ON	1.32	1.28	1.06	1.05	0.99	1.14	1.11	1.14
QC	1.33	1.33	1.29	1.29	1.35	1.10	0.82	1.22
NL	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
NB	1.00	1.00	1.00	1.00	1.80	2.88	1.69	1.48
NS	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Note: R_t is calculated over time and was estimated using reported case data.

Figure 7. Effective Reproductive Number Estimate for Canada

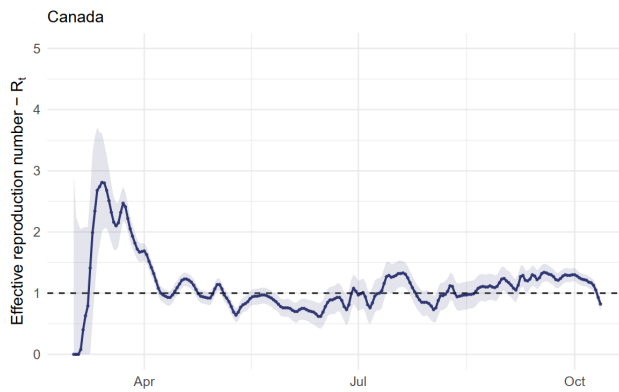


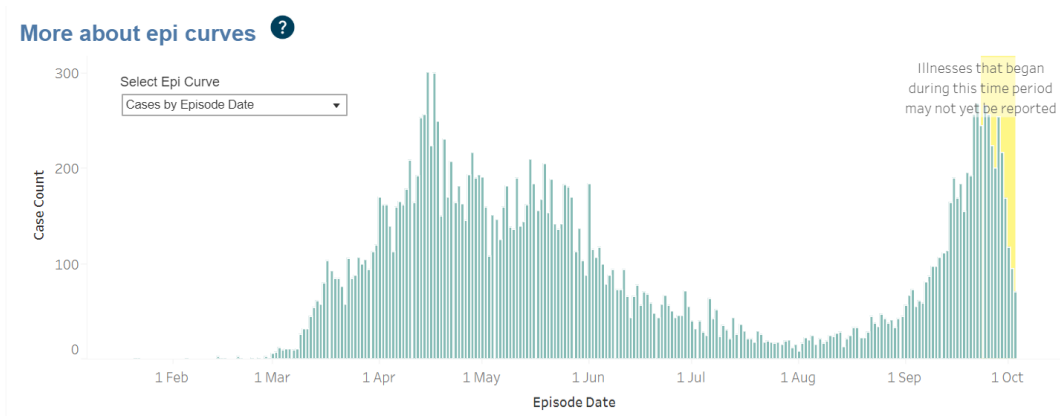
Figure 2: Effective reproductive number estimate for Canada

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Table 5. COVID-19 Cases in the Greater Toronto Area (Toronto, Durham, Peel, and York) for the Last Seven Days

	OCT. 6	OCT. 7	OCT. 8	OCT. 9	OCT. 10	OCT. 11	OCT. 12
NEW CASES	330	499	586	582	413	526	505
TOTAL CASES	36,431	36,930	37,516	38,098	38,511	39,037	39,542

Figure 8. Status of COVID-19 Cases in Toronto



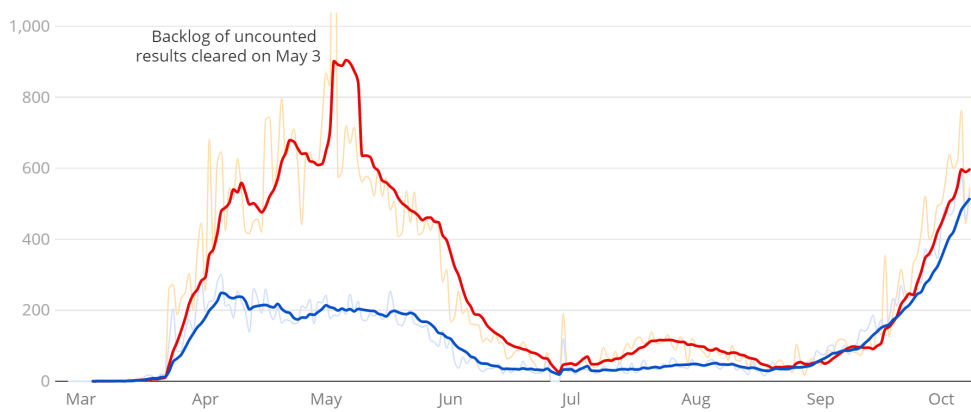
Source: <https://public.tableau.com/profile/tpmseu#!/vizhome/EpidemiologicalSummaryofCOVID-19Cases/EpiSummary>

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Table 6. COVID-19 Cases in the Greater Montreal Area (Montreal, Laval and Montérégie) for the Last Seven Days

	OCT. 6	OCT. 7	OCT. 8	OCT. 9	OCT. 10	OCT. 11	OCT. 12
NEW CASES	444	546	614	532	474	446	425
TOTAL CASES	55,785	56,331	56,945	57,477	57,951	58,397	58,822

Figure 9. Status of COVID-19 Cases in Greater Montreal Area



Source: <https://www.cbc.ca/news/canada/montreal/covid-19-in-quebec-need-to-know-oct-8-1.5754845>