

## **COVID-19 MORNING BRIEF**

### **OCTOBER 21, 2020**

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#### **CANADA UPDATE**

##### **I. Public Health and Epidemiology**

*National Case Counts: (as of October 20, 19:00 EDT)*

- **Total Cases (+ increase since last report):**
  - Total of **201,437 (+2,251)** reported cases (includes both confirmed and probable) among reporting provinces and territories.
  - The increase since yesterday represents a rate of **6.0 new cases per 100,000**.
- **Recovered and Active Cases:**
  - **171,743 (84.3%)** cases have recovered, for a total of **21,988 (+163) active cases**. *\*\* Additional information on active cases at Annex A*
- **Deaths:**
  - **9,794 (+16)** deaths since yesterday (BC-1, AB-1, ON-3, QC-11).
- **Reproduction Rate:**
  - The estimated reproduction rate (Rt) in Canada is **0.98** as of October 19.

*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 – 3.3; AB – 7.4; SK – 3.7; MB – 8.0; ON – 5.6; QC – 9.3; NL – 0.0; NB – 0.0; NS – 0.0; PE – 0.6; YT – 0.0; NT – 0.0; NU – 0.0
- British Columbia reported **167** new cases yesterday; **9,871** cases have recovered, for a total of **1,729 (+48) active cases**.
- Alberta reported **323** new cases yesterday; **19,500** cases have recovered, for a total of **3,203 (+65) active cases**.
- Ontario reported **821** new cases yesterday; **56,406** cases have recovered, for a total of **6,237 (+190) active cases**.
  - According to the province's epidemiological summary, the **Greater Toronto Area** reported **559** new cases for October 19, for a total of approximately **43,247** cases, **21%** of the national case count.
- Quebec reported **787** new cases yesterday; **80,468** cases have recovered, for a total of **8,693 (-163) active cases**.
  - According to Santé Montréal, the **Greater Montreal Area** reported **410** new cases on October 19, for a total of approximately **62,292** cases, **31%** of the national case count.

*National and P/T Testing Overview:*

- **8,801,098 (+53,023)** people have been tested for COVID-19 across Canada to date (average of **\*67,386** per day over the last 7 days).

- **2.2%** have tested positive to date.
- The percentage of positive tests for the week of October 11 to October 17 is **\*3.1%**.

*\*This figure does not capture laboratory testing numbers for Alberta, as Alberta has been reporting incorrect testing numbers to NML starting October 9th.*

- Yesterday, British Columbia tested **15,281** people; Ontario tested **23,263** people; Quebec tested **8,744** people; testing figure for Alberta was not available.

#### **Long-Term Care Facilities:**

- Based on P/T websites and press briefings, and not validated by P/Ts, **7,604** of 9,794 (78%) deaths in Canada were linked to LTC facilities as of October 20.
- On October 20, P/Ts reported **5** deaths in LTC facilities (public or privately run). These deaths had the following breakdown:
  - BC – 174 (+0); AB – 178 (+1); SK – 3 (+0); MB – 18 (+0); ON – 2,158 (+0); QC – 5,013 (+4); NB – 3 (+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 20:
  - **First Nations Communities** – There are **1,068 (+28)** confirmed cases and **14 (+0)** deaths associated with First Nations communities.
    - **739 (+13)** cases have recovered, for a total of **315 (+15)** active cases.
    - The new cases are in AB (+10), SK (+10), MB (+5) and ON (+3).
    - **BC:** There are 6 active on reserve cases in British Columbia First Nations.
    - **AB:** There are 73 active on reserve cases in Alberta First Nations. Several First Nation communities are noting staffing shortages and fatigue as they work to address the impacts of COVID 19. ISC AB regional staff continue to work in partnership with the impacted community's public health nursing teams to support in community testing, screening, and community response efforts.
    - **SK:** There are 101 active on reserve cases in Saskatchewan First Nations. As of October 20, there are 6 active outbreaks declared in First Nations communities including Ahtakakoop Cree Nation, Red Earth Cree Nation, Stanley Mission, Southend Little Red River, and Sturgeon Lake.
    - **MB:** There are 84 active on reserve cases in Manitoba First Nations. As of October 20, 5 new cases were identified in Peguis First Nation.
    - **ON:** There are 39 active on reserve cases in Ontario First Nations. As of October 18, Six Nations of the Grand River was reporting 29 active cases.
    - **QC:** There are 12 active on reserve cases in Québec First Nations.
  - **Northern and Inuit Communities\***
    - There are **28 (+0)** cases associated with residents of Inuit communities in Nunavik (northern QC), with **23 (+0)** recovered and **5 (+0)** active.

- On October 19, two new COVID 19 cases in Yukon have been confirmed. Both cases are residents of Whitehorse who travelled out of territory. They are recovering at home and there is no increased risk to the community/public. The two cases bring the territory's total COVID 19 case count to 17.
- *\*Breakdowns based on Indigenous identity are not available in the territories.*

**Temporary Foreign Workers and Farm Outbreaks:**

- As of October 19:
  - There are **2,419 (+0)** reported cases among workers on farms in Canada.
  - **2,272 (+0)** cases reported to have recovered, for a total of **144 (+0) active cases**.
  - There are at least **93 (+0)** operations affected, **42 (+0)** of which are reported to no longer have active cases.

**Federal Inmates and Employees:**

As of October 15 (Inmates) and October 20 (Employees):

	Inmate Positive Tests	Inmate Resolved Cases	Active Inmate Cases	Employee Positive Tests	Employee Resolved Cases	Active Employee Cases
<b>CSC Total</b>	<b>360</b>	<b>358</b>	<b>0</b>	<b>187 (+3)</b>	<b>168 (+5)</b>	<b>18 (+1)</b>

- Three new employee cases were reported at Donnacona, Millhaven Institution and the Regional Psychiatric Centre in the Prairie region

## **II. Communications and Media Coverage**

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**Government of Canada Public Communications – October 21, 2020**

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## **III. U.S. UPDATE**

**Case Counts:**

- As of 6:00am on October 20, Johns Hopkins is reporting ~~8,214,754 (+59,162)~~ cases of COVID-19, including ~~220,133 (+459)~~ deaths.
  - As of October 19, the CDC is reporting that the number of tests performed by commercial, hospital, public health, and CDC laboratories is ~~131,994,856~~ (average of ~~1,071,185~~ per day over the last 7 days).
  - ~~7%~~ have tested positive to date.

## IV. GLOBAL UPDATE

### *Case Counts:*

- ~~As of 6:00am on October 20, Johns Hopkins is reporting **40,425,663 (+349,479)** confirmed cases of COVID-19, including **1,118,635 (+4,673)** deaths. The U.S. is reporting the highest numbers of cases, followed by India, Brazil, Russia, Argentina, Spain, Colombia, and France.~~

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**ANNEX A: Overview of COVID-19 Cases in Canada**

**Table 1. Updated COVID-19 Cases (as of October 19, 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 (Oct 4-Oct 10)	Daily Testing Capacity	Safe Restart Agreement Testing Capacity	Daily testing capacity per thousand	Average daily testing as a % of capacity
BC	11,687	498	1,681	253	543,791	2.0%	107	46.5	6,042	1.2	1.9%	10,506	20,000	2.1	58%
AB	22,673	898	3,138	292	1,186,035 Δ	1.7%	271	52.3	12,108	2.8	1.6%	22,000	22,000	5.0	55%
SK	2,396	66	398	25	189,170	1.3%	161	78.9	1,609	1.4	1.2%	1,800	4,000	1.5	89%
MB	3,382	80	1,743	42	220,294	1.6%	161	65.1	2,294	1.7	2.7%	3,000	3,000	2.2	76%
ON	65,075	704	6,047	3,050	4,536,905 ±	1.4%	311	69.7	36,474	2.5	1.7%	50,692	78,000	3.5	72%
QC	94,429	1,038	8,856	6,044	1,782,527	4.9%	210	18.8	11,685	1.4	6.7%	20,000	35,000	2.4	58%
NL	287	0	11	4	48,914	0.6%	94	170.4	310	0.6	0.1%	1,450	2,500- 3,000	2.8	21%
NB	313	3	103	3	78,880	0.4%	102	252.0	738	1.0	1.5%	1,500	2,500- 3,000	1.9	49%
NS	1,097	0	6	65	106,360	1.0%	109	97.0	537	0.6	0.1%	1,500	2,500	1.5	36%
PE	63	N/A	3	0	43,530	0.1%	277	691.0	321	2.1	0.04%	400	835	2.6	80%
YT	17	2	2	0	3,751	0.5%	92	220.6	18	0.5	0.0%	150	160	3.7	12%
NT	5	0	0	0	5,057	0.1%	113	1,011.4	27	0.6	0.0%	48	225	1.1	56%
NU	0	0	0	0	2,785	0.0%	72	N/A	10	0.3	0.0%		N/A		
Repatriate & travellers	13	0	0	0	76	-	-	-	-	-	-		N/A		
<b>Total</b>	<b>201,437</b>	<b>3,289</b>	<b>21,988</b>	<b>9,778</b>	<b>8,748,075</b>	<b>2.2%</b>	<b>233</b>	<b>43.4</b>	<b>72,174 (-2,545)*</b>	<b>1.9</b>	<b>2.8%</b>		<b>169,720-170,220</b>		

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- **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 14, 2020			October 15, 2020			October 16, 2020			October 17, 2020			October 18, 2020			October 19, 2020			October 20, 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
<b>BC</b>	10,892	158	24,922	11,034	142	4,800	11,189	155	5,449	11,361	172	7,124	11,514	153	N/A	11,687	173	N/A			
<b>AB</b>	21,199	243	N/A	21,443	244	N/A	21,775	332	86,090	22,086	311	14,155	22,317	231	N/A	22,673	356	N/A			
<b>SK</b>	2,199	25	1,174	2,232	33	1,626	2,270	38	1,800	2,306	36	1,777	2,330	24	1,921	2,396	66	1,409			
<b>MB</b>	2,925	146	2,263	3,098	173	2,206	3,173	75	2,099	3,258	85	N/A	3,302	44	N/A	3,382	80	6,687			
<b>ON</b>	61,413	721	31,153	62,196	783	38,654	62,908	712	37,248	63,713	805	43,260	64,371	658	39,514	65,075	704	30,822			
<b>QC</b>	88,994	1,203	22,045	89,963	969	N/A	91,018	1,055	24,995	92,297	1,279	12,756	93,391	1,094	11,209	94,429	1,038	9,279			
<b>NL</b>	283	0	302	284	1	387	287	3	340	287	0	278	287	0	366	287	0	177			
<b>NB</b>	292	8	647	292	0	946	297	5	780	305	8	757	310	5	692	313	3	380			
<b>NS</b>	1,092	0	523	1,092	0	645	1,093	1	674	1,095	2	803	1,097	2	440	1,097	0	359			
<b>PE</b>	63	0	298	63	N/A	606	63	N/A	401	63	N/A	281	63	N/A	293	63	N/A	124			
<b>YK</b>	15	0	32	15	0	25	15	0	14	15	N/A	N/A	15	N/A	N/A	17	2	34			
<b>NT</b>	5	0	N/A	5	0	164	5	0	25	5	N/A	N/A	5	N/A	N/A	5	0	82			
<b>NU</b>	0	0	34	0	0	16	0	0	N/A	0	N/A	19	0	N/A	N/A	0	0	18			
<b>RC*</b>	13	0	0	13	0	0	13	0	0	13	0	0	13	0	0	13	0	0			
<b>Total</b>	<b>189,385</b>	<b>2,504</b>	<b>83,393</b>	<b>191,730</b>	<b>2,345</b>	<b>50,075</b>	<b>194,106</b>	<b>2,376</b>	<b>159,915</b>	<b>196,804</b>	<b>2,698</b>	<b>81,210</b>	<b>199,015</b>	<b>2,211</b>	<b>54,435</b>	<b>201,437</b>	<b>2,422</b>	<b>49,371</b>			

\*RC – Repatriated Canadians

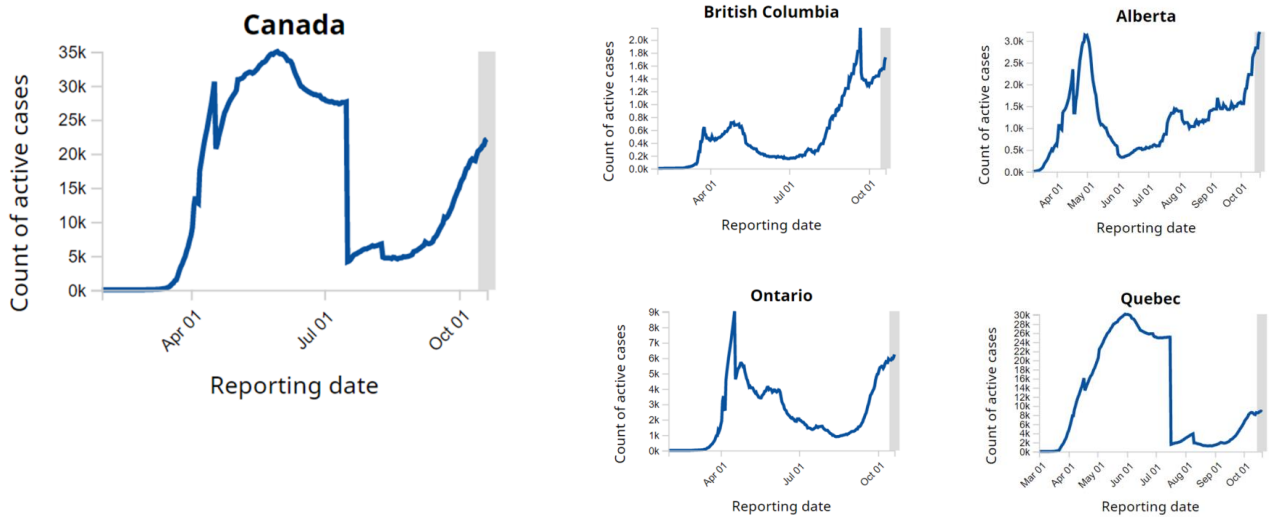
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**Table 3.** Total and Active Cases in Canada over a Fourteen Day Period (when available)

	Sept. 30	Oct. 1	Oct. 4*	Oct. 5	Oct. 6	Oct. 7	Oct. 8	Oct. 12**	Oct. 13**	Oct. 14	Oct. 15	Oct. 18*	Oct. 19	Oct. 20
<b>ACTIVE CASES</b>	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)	20,372 (+631)	20,543 (+171)	21,276 (+733)	21,988 (+712)	22,151 (+163)
<b>TOTAL CASES</b>	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)	189,387 (+2,506)	191,732 (+2,345)	198,148 (+6,416)	201,437 (+3,289)	203,688 (+2,251)

\*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

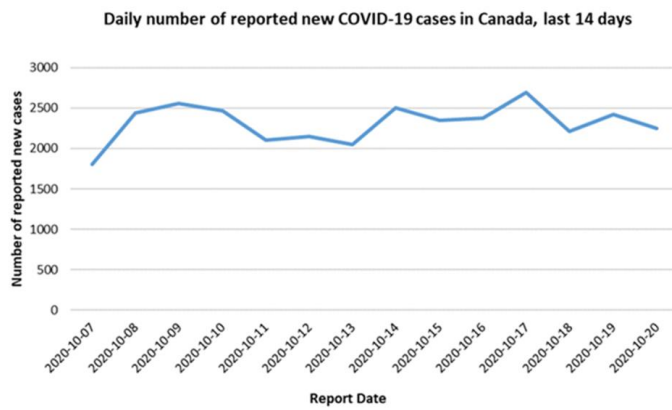




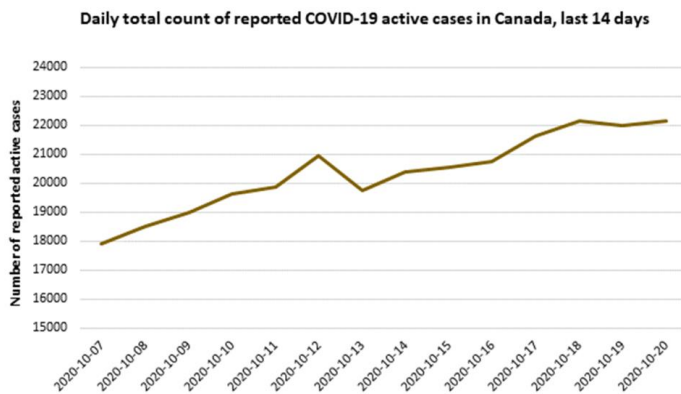
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**Note:** On July 17, there was an increase in the number of recovered cases in Quebec due to a revision in how they define these cases.

**Figure 2.** Daily Number of Reported **New COVID-19 Cases** in Canada over the Last Fourteen Days as of **October 20, 2020**

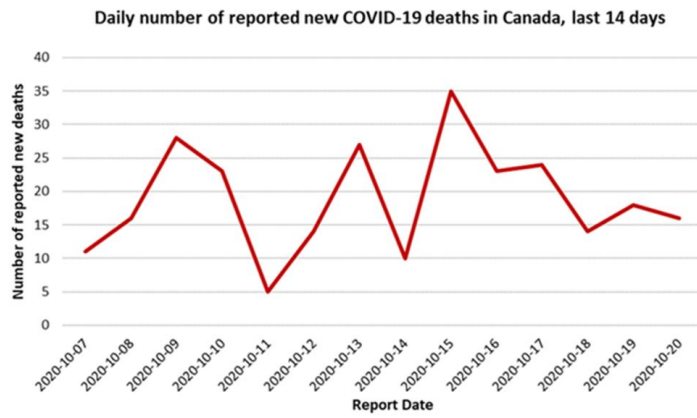


**Figure 3.** Daily Total Count of Reported **COVID-19 Active Cases** in Canada over the Last Fourteen Days as of **October 20, 2020**



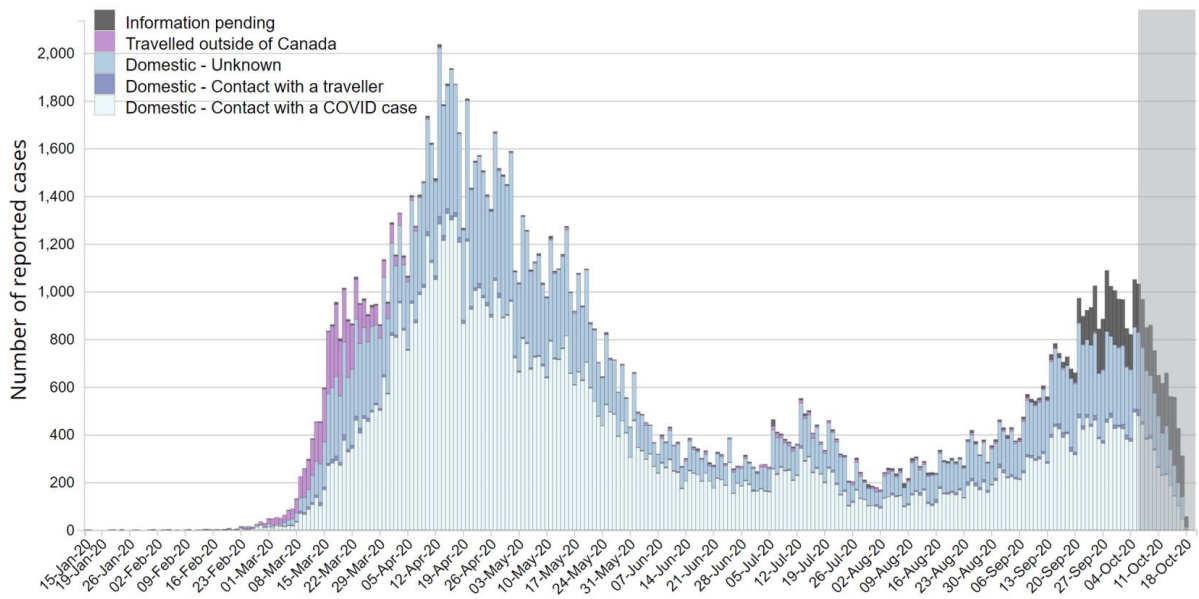
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**Figure 4. Daily Number of Reported New COVID-19 Deaths in Canada over the Last Fourteen Days as of October 20, 2020**



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Figure 5. COVID-19 Cases (n=158,009) in Canada, by date of illness onset and exposure category as of **October 20, 2020**



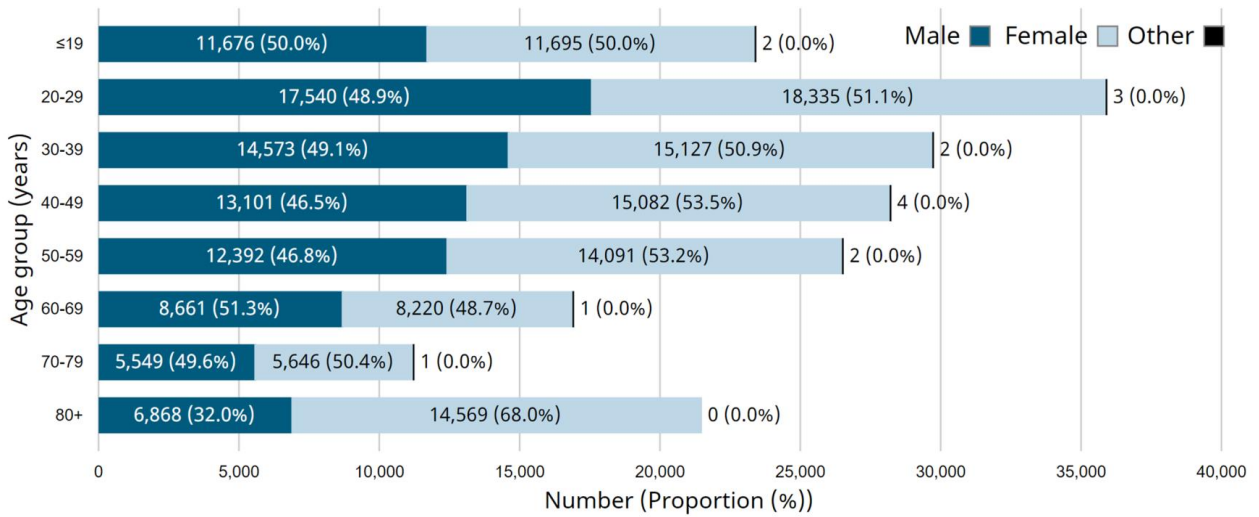
**Note:** The shaded area represents a period of time (lag time) where it is expected that cases have occurred but have not yet been reported nationally.

**Source:** <https://health-infobase.canada.ca/covid-19/epidemiological-summary-covid-19-cases.html?stat=num&measure=active#fn1>

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**Figure 6. Age by Sex Distribution of COVID-19 Cases (n=193,140) in Canada as of October 20, 2020**

Of the COVID-19 cases reported in Canada to date, approximately half (50.0%) are female. Approximately one-quarter (25.6%) of cases are 60 years old and over.



**Source:** <https://health-infobase.canada.ca/covid-19/epidemiological-summary-covid-19-cases.html?stat=num&measure=active#a5>

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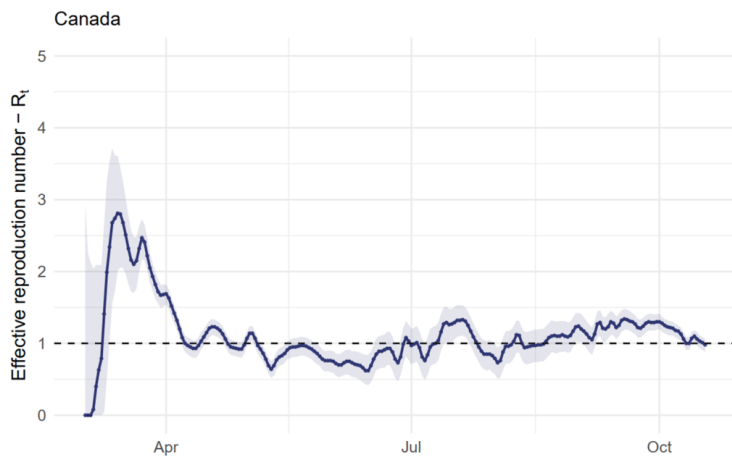
**Table 4.** National and Provincial Effective Reproduction Number ( $R_t$ ) over a Seven Day Period (when available)

	Oct. 6	Oct. 7	Oct. 9	Oct. 13	Oct. 15	Oct. 16	Oct. 19	7-day Average
<b>Canada</b>	1.22	1.25	1.17	0.82	1.14	1.09	0.98	1.01
<b>BC</b>	1.36	1.28	1.11	0.00	1.90	1.64	0.72	1.07
<b>AB</b>	1.46	1.64	1.59	0.00	1.60	1.35	0.72	0.92
<b>SK</b>	0.70	1.00	1.14	1.99	1.53	1.38	0.98	1.47
<b>MB</b>	0.98	1.23	1.30	1.36	1.71	1.76	0.89	1.43
<b>ON</b>	1.05	0.99	1.14	1.11	1.11	0.99	0.90	1.03
<b>QC</b>	1.29	1.35	1.10	0.82	0.91	0.95	1.15	0.96
<b>NL</b>	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b>NB</b>	1.00	1.80	2.88	1.69	0.92	0.45	0.20	0.82
<b>NS</b>	1.00	1.00	1.00	1.00	1.00	1.00	1.80	1.20

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

**Figure 7.** Effective Reproductive Number Estimate for Canada

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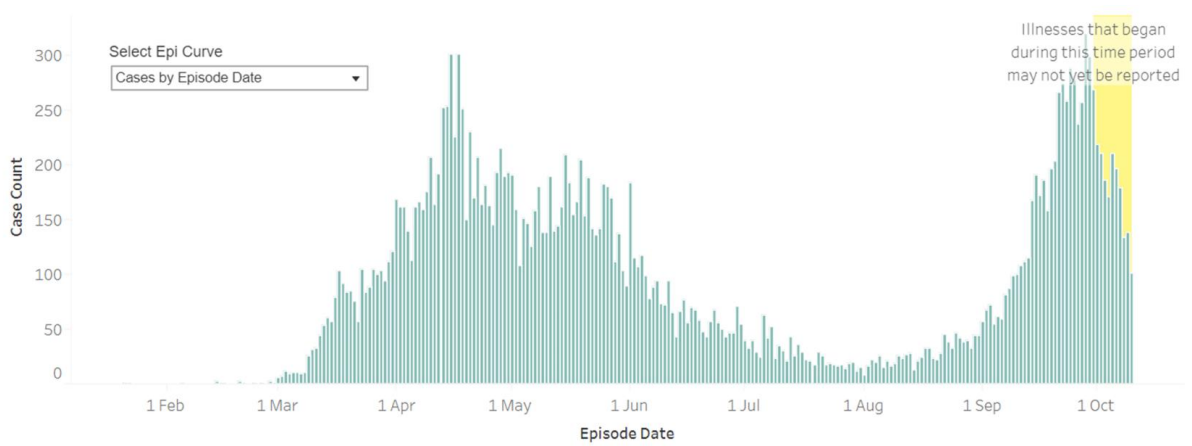


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	OCT. 13	OCT. 14	OCT. 15	OCT. 16	OCT. 17	OCT. 18	OCT. 19
<b>NEW CASES</b>	541	542	437	604	491	477	559
<b>TOTAL CASES</b>	40,083	40,625	41,116	41,720	42,211	42,688	43,247

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

**Figure 8.** Status of COVID-19 Cases in Toronto



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

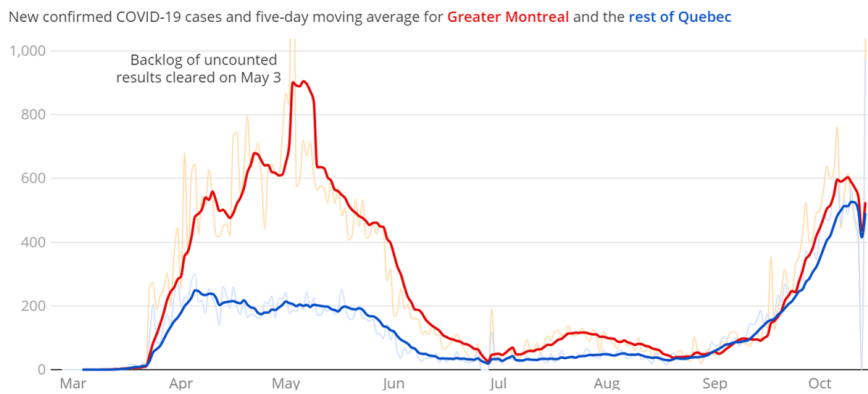


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**Table 6.** COVID -19 Cases in the Greater Montreal Area (Montreal, Laval and Montérégie) for the Last Seven Days

	OCT. 12	OCT. 13	OCT. 14	OCT. 15	OCT. 16	OCT. 17	OCT. 18	OCT. 19
<b>NEW CASES</b>	425	618	504	493	577	439	429	410
<b>TOTAL CASES</b>	58,822	59,440	59,944	60,437	61,014	61,453	61,882	62,292

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



Source: <https://www.cbc.ca/news/canada/montreal/covid-19-oct-19-1.5767497>