

COVID-19 MORNING BRIEF JULY 28, 2020

CANADA UPDATE

I. Public Health and Epidemiology

*Case Counts: (as of July 27, 19:00 EDT) ** Additional information at Annex A*

- Total of **114,597 (+416)** yesterday) reported cases (includes both confirmed and probable) in Canada.
 - A total of **99,860 (87%)** of cases have recovered.
 - **8,901 (+11)** deaths since yesterday (BC-2, AB-8, ON-1).
- Cases are distributed across 9 provinces and 2 territories (BC, AB, SK, MB, ON, QC, NL, NB, PE, YK, and NWT).
 - Ontario reported **119** new cases yesterday for a total of **38,799** cases.
 - According to the province's epidemiological summary, the **Greater Toronto Area** reported **27** new cases yesterday for a total of approximately **25,628** cases.
 - Quebec reported **145** new cases yesterday for a total of **58,728** cases.
 - According to Santé Montréal, the **Greater Montreal Area** **88** new cases yesterday for a total of approximately **43,199** cases.
 - British Columbia reported **24** new cases yesterday, **21** new cases on July 26, and **36** new cases on July 25 for a total of **3,500** cases.
 - Alberta reported **91** new cases yesterday, **103** new cases on July 26, and **110** new cases on July 25 for a total of **10,390** cases.
- **3,863,830 (+61,880)** people have been tested for COVID-19 across Canada to date (average of **40,665** day over the last 7 days).
 - **2.8%** have tested positive.
 - The percentage of positive tests for the week of July 20 to July 27 is 1.2%.
 - Yesterday, Ontario tested **23,857** people; Quebec tested **9,447** people; British Columbia tested **2,152** people; between July 25-27, Alberta tested **20,636** people.
- The estimated reproduction rate in Canada (Rt) is **0.80** as of July 27.

Long-Term Care Facilities:

- Based on P/T websites and press briefings, and not validated by P/Ts, **7,160** of 8,901 (80%) deaths in Canada were linked to LTC facilities as of July 27. On July 27, P/Ts reported **6** deaths in LTC facilities (public or privately run). These deaths had the following breakdown:
 - BC: 138 (+0); AB: 134 (+6); SK: 2 (+0); MB: 1 (+0); ON: 2,023 (+0); QC: 4,803 (-1); 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 July 27:
 - **First Nations Communities** – There are **391 (+13)** confirmed cases and **6 (+0)** deaths associated with First Nations communities.
 - The new cases are in BC (+4), AB (+8) and ON (+1); however, the names of the communities were not disclosed.
 - **346 (+6)** cases have recovered.
 - **Northern and Inuit Regions*** – There are 14 (+0) cases in Yukon, 11 (+0) of which have recovered. Cases in NWT (5) have recovered.

**Breakdowns based on Indigenous identity are not available in the territories.*

Temporary Foreign Workers and Farm Outbreaks: ***Additional information on TFW at Annex B*

- As of July 26, there was report of **1,288 positive cases (+89)** among workers on farms in Canada, with **620 (+0)** of those cases reported to have recovered. There are at least **64 (+4) operations** affected, **7** of which are reported to no longer have active cases.
- For July, approximately **3,701 (+188)** TFWs have arrived, representing about 53% of the total July 2019 arrivals. Since the travel exemptions for TFWs were granted, approximately **28,070 (+188)** TFWs have arrived in Canada. The estimated gap between April to June is about 4,349 TFWs when compared to the same period in 2019.
- On July 24, ON Premier, Doug Ford, announced that the province is consulting constitutional experts to determine if the province has the legal mandate to test migrant workers for COVID-19. He also noted that the province would cover the cost of testing and should the test be positive, the workers would still receive their salary as well as cover the cost of meals and accommodation while in quarantine. The Premier's announcement came as ON held back a decision on moving the remaining three regions of the province into stage three re-opening, including Windsor-Essex, which has the highest rate of COVID-19 in the province largely due to outbreaks on farms in the region.
- Testing of TFWs in Ontario is resuming on July 30. Hospital testing sites remained available during the pause, and the current plan is for both the assessment centre and on-site testing to be available.
- During the last week, in the Lac-Saint-Jean region of Quebec, 21 positive cases were detected during the 14 day isolation period amongst a group of TFWs following their arrival to Canada. These 21 individuals were part of a cohort of 125 TFWs from Mexico and Guatemala across 7 different companies.
 - The Union des producteurs agricoles are maintaining regular communications with producers to educate them about health protection measures and encourage them to follow the practices recommended by local and provincial public health authorities to contain and avoid outbreaks.
 - In addition, the Commission for Standards, Equity, Health and Safety at Work and Institut national de la santé publique (INSPQ) are continuing their awareness activities and inspections to ensure compliance with regulatory requirements. In addition, local public health authorities have implemented strategies to screen for symptoms, including at Saguenay-Lac-Saint-Jean, Montérégie, and Lanaudière either on day zero

and day fourteen, or only on day 14, and in Saguenay-Lac-Saint-Jean, screening is done during quarantine.

Federal Inmates and Employees:

- As of July 24 (Inmates) and July 27 (Employees):

	Inmate Positive Tests	Inmate Resolved Cases	Employee Positive Tests	Employee Resolved Cases
CSC Total	360 (+0)	357 (+0)	146 (+0)	142 (+0)

- A total of **1,471** tests of federal inmates have been conducted-

II. Communications and Media Coverage

- Domestic coverage of the COVID-19 pandemic is predominant Tuesday morning as media coverage continues to be allotted to concerns regarding students' return to classrooms in the fall, as a new poll suggests parents vary widely in their level of comfort at the prospect.
- International sources focused on rise in cases in China, South Africa and other regions as reports noted Vietnam issued the lockdown of its third largest city. Headlines also noted rising concerns by German officials over the spread of the virus in the country as officials also warned of travel to parts of Spain amid that countries outbreak.

Government of Canada Public Communications – July 28, 2020

- Health Canada** media availability with Ministers and the CPHO (participants TBC).
- TBC – Health Canada** will issue a public advisory on authorization of Remdesivir for the treatment of COVID-19. This is the first drug to be authorized for COVID-19 in Canada, and is expected to generate significant media coverage.

III. U.S. UPDATE

Case Counts:

- As of 6:00am on July 28, Johns Hopkins is reporting **4,294,770 (+60,630)** cases of COVID-19, including **148,056 (+1,121)** deaths in the United States.
 - As of July 27, the CDC is reporting that the number of tests performed by commercial, hospital, public health, and CDC laboratories is **55,375,196**.

IV. GLOBAL UPDATE

Case Counts:

- As of 6:00am on July 28, Johns Hopkins is reporting **16,495,309 (+231,261)** confirmed cases of COVID-19, including **654,327 (+5,361)** deaths. The U.S. is reporting the highest numbers of cases, followed by Brazil, India, Russia, South Africa, Mexico, Peru, Chile and the United Kingdom.

ANNEX A: Updated COVID-19 Cases (as of July 27 2020 at 19:00 ET)

Location	Total cases	New cases since yesterday	Total deaths	People tested	Testing rate per thousand	Tests per confirmed case	Average daily tests for last 7 days	Average daily tests for last 7 days per thousand	Daily Testing Capacity	Daily testing capacity per thousand	Average daily testing as a % of capacity
BC	3,500	24	193	216,077	43	62	2,109	0.4	6,500	1.3	32%
AB	10,390	91	186	547,785	125	53	6,307	1.4	9,000	2.1	70%
SK	1,209	31	16	80,420	68	67	1,185	1.0	1,500	1.3	79%
MB	400	6	7	82,893	61	207	980	0.7	2,000	1.4	49%
ON	38,799	119	2,764	2,001,954	137	52	24,699	1.7	16,000	1.1	154%
QC	58,728	145	5,667	777,793	92	13	4,273	0.5	20,000	2.4	21%
NL	266	0	3	23,839	46	90	240	0.5	800	1.3	30%
NB	170	0	2	45,157	58	266	268	0.3	2,000	3.0	13%
NS	1,067	0	63	63,458	65	59	343	0.4	1,500	1.5	23%
PE	36	0	0	18,754	119	521	227	1.5	285	1.8	80%
YT	14	0	0	1,523	37	109	14	0.3			
NT	5	0	0	2,797	62	559	14	0.3			
NU	0	0	0	1,304	34		8	0.2			
Repatriated travellers	13	0	0	76	-	6	-	-			
Total	114,597	416	8,901	3,863,830	103	34	40,665 (+1,677)*	1.1			

- **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.

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

	July 21, 2020			July 22, 2020			July 23, 2020			July 24, 2020			July 25, 2020			July 26, 2020			July 27, 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	3,328	28	1,532	3,362	34	1,663	3,392	30	2,388	3,419	27	2,572	3,455	36	2,320	3,476	21	2,133	3,500	24	2,152
AB	9,728	141	5,766	9,861	133	5,786	9,975	114	5,980	10,086	111	6,427	10,196	110	N/A	10,299	103	N/A	10,390	91	20,636
SK	970	8	600	1,030	60	1,027	1,072	42	1,235	1,099	27	1,326	1,136	37	1,531	1,178	42	1,192	1,209	31	1,382
MB	366	12	1,234	374	8	736	375	1	1,201	384	9	1,389	388	4	N/A	394	6	N/A	400	6	3,699
ON	37,942	203	22,223	38,107	165	23,206	38,210	103	25,150	38,405	195	27,867	38,543	138	28,926	38,680	137	25,290	38,799	119	23,857
QC	57,796	180	10,406	57,938	142	9,443	58,080	142	N/A	58,243	163	20,682	58,414	171	10,703	58,583	169	10,533	58,728	145	9,447
NL	263	1	264	264	1	353	264	0	274	265	1	271	265	0	107	266	1	296	266	0	182
NB	170	0	458	170	0	328	170	0	284	170	0	333	170	0	328	170	0	145	170	0	204
NS	1,067	0	279	1,067	0	351	1,067	0	537	1,067	0	387	1,067	0	288	1,067	0	273	1,067	0	145
PE	36	0	258	36	0	130	36	0	416	36	0	238	36	0	241	36	0	154	36	0	83
YK	13	0	18	13	0	N/A	13	0	34	14	1	19	14	0	N/A	14	0	N/A	14	0	35
NT	5	0	60	5	0	N/A	5	0	32	5	0	4	5	0	N/A	5	0	N/A	5	0	57
NU	0	N/A	0	0	0	27	0	0	13	0	0	10	0	0	N/A	0	0	7	0	0	1
Total	111,697	573	43,098	112,240	543	43,050	112,672	432	37,544	113,206	534	61,525	113,689	496	44,444	114,168	479	40,023	114,584	416	61,880

National and Provincial Effective Reproduction Number (R_t) for the last 7 days (when available)

	July 17	July 20	July 21	July 22	July 23	July 24	July 27
Canada	1.26	1.07	1.34	1.37	1.30	1.19	0.80
BC	1.17	0.35	1.81	1.73	1.55	1.41	0.27
AB	1.63	0.47	1.58	1.62	1.46	1.30	0.29
SK	2.19	0.66	0.77	0.70	1.78	1.98	1.73
MB	0.37	2.16	3.07	2.95	2.37	1.57	1.00
ON	0.96	1.28	1.16	1.22	1.16	1.06	0.81
QC	1.22	1.35	1.30	1.29	1.18	1.06	1.05
NL	0.56	0.56	0.56	0.56	0.00	0.00	1.00
NB	0.37	0.43	0.29	0.20	0.29	0.29	0.29
NS	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.

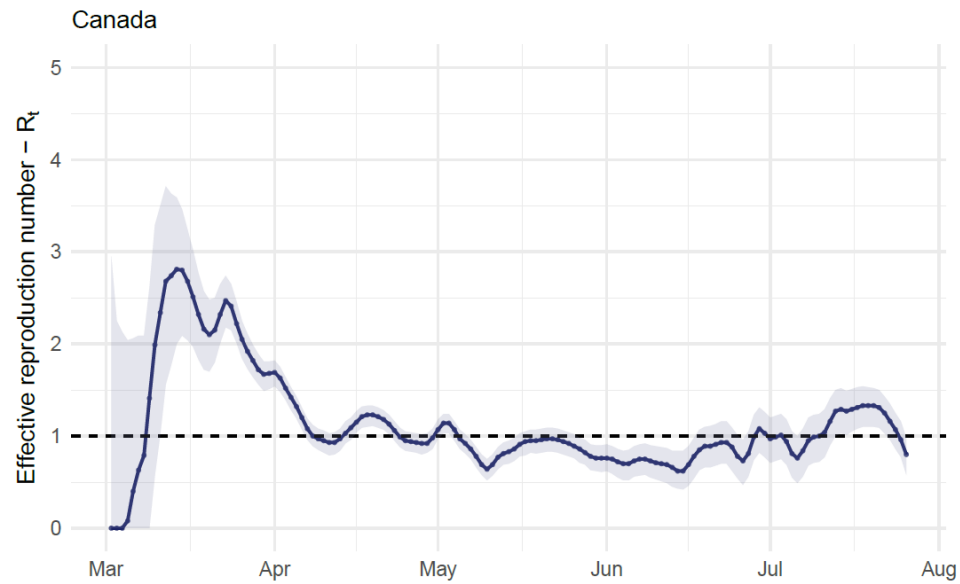


Figure 2: Effective reproductive number estimate for Canada

Greater Toronto Area (Toronto, Durham, Peel, and York)

Virus Spread and Containment

	JULY 20	JULY 21	JULY 22	JULY 23	JULY 24	JULY 25	JULY 26
NEW CASES	101	66	45	61	41	56	27
TOTAL CASES	25,332	25,398	25,443	25,504	25,545	25,601	25,628

New COVID-19 cases

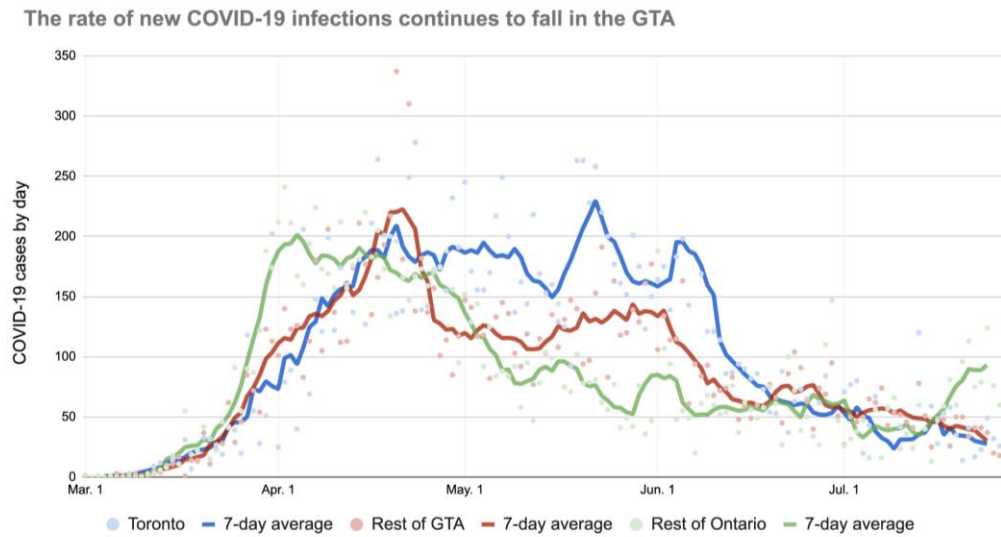


Figure 1 - <https://twitter.com/EdTubb/status/1287860380526694400/photo/1>

Greater Montreal Area (Montreal, Laval and Montérégie)

Virus Spread and Containment

	JULY 20	JULY 21	JULY 22	JULY 23	JULY 24	JULY 25	JULY 26
NEW CASES	139	108	106	115	130	103	88
TOTAL CASES	42,549	42,657	42,763	42,878	43,008	43,111	43,199

Slight increase in new cases

New confirmed COVID-19 cases and five-day moving average for **Greater Montreal** and the **rest of Quebec**

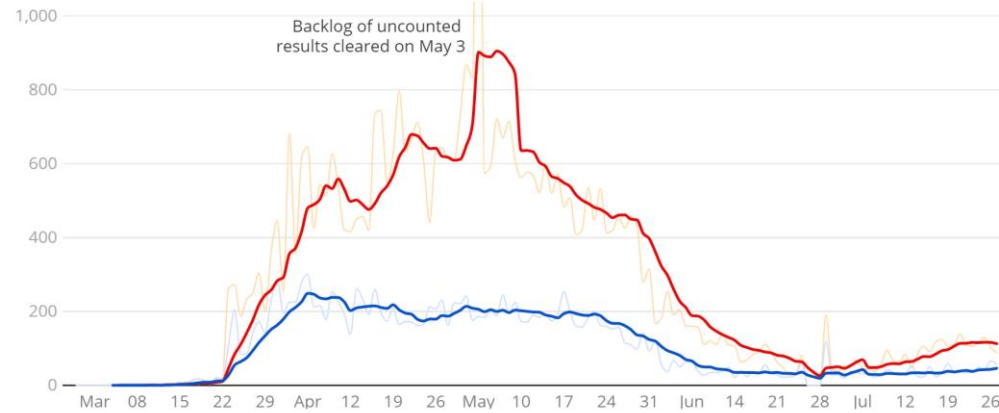


Chart: Roberto Rocha • Source: [INSPQ](https://www.inspq.ca)

CBCNEWS

Figure 2 - <https://www.cbc.ca/news/canada/montreal/covid-19-in-quebec-need-to-know-july-27-1.5664065>