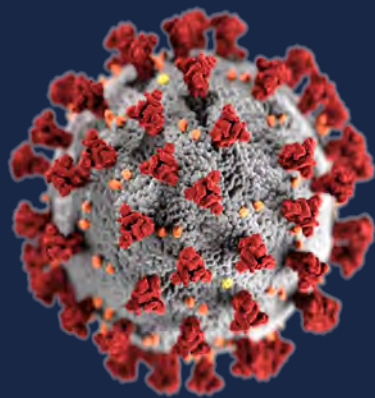




**Paladin  
Risk Solutions**



# **COVID-19**

## **INTELLIGENCE REPORT**

**Prepared for:**

Paladin Security Group  
Emergency Operations Centre

**14 July 2020**



**1. TABLE OF CONTENTS**

2. INSIGHT and SITUATIONAL AWARENESS ..... 2

3. COVID-19 IN CANADA..... 3

3.1. CANADA NEWS..... 6

4. COVID-19 IN USA ..... 6

4.1. USA NEWS ..... 7

5. GLOBAL COMMON OPERATING PICTURE ..... 8

6. LAW ENFORCEMENT AND CRIME REPORTING ..... 8

7. TRAVEL..... 9

8. SOLUTION AND RESPONSE EFFORTS ..... 9

9. MEDICAL INFORMATION ..... 9

10. INTERNATIONAL DATA ..... 9

11. ECONOMIC IMPACT ..... 9

12. CYBER NEWS ..... 9

13. APPENDIX A – Canadian Tracking Information ..... 11

14. APPENDIX B – Phase 1 to 3: Progression on Managing COVID-19 Pandemic ..... 12

**DISCLAIMER**

*This report is confidential and is intended to be used solely by the client for whom this report was prepared and to whom it is addressed for information purposes only and for no other purpose, except as may be expressly stated herein. This report may not be copied, reproduced, disseminated, distributed or otherwise made available to any third party, in whole or in part, without the express written consent of Paladin Risk Solutions Inc. which consent may be withheld for any reason. In preparing this report, Paladin Risk Solutions Inc. has used its professional care and diligence and has endeavored to include in this report and to base its analysis upon information that it believes to be relevant to the purposes of this report; however, no representation or warranty, express or implied, is made by Paladin Risk Solutions Inc. as to the accuracy or completeness of the information included in this report.*

## 2. INSIGHT and SITUATIONAL AWARENESS

:: [Click here](#) to access previous featured reports ::

Ontario Premier Doug Ford has revealed that Friday July 17, will be the beginning of Phase 3 of COVID-19 measures. Almost all businesses can open, except in Toronto and in a number of other regions such as Peel, Windsor and Niagara. Businesses reopening include movie theaters, indoor dining restaurants and gyms. The limit on indoor gatherings will be increased from 10 to 50 people, while the limit on outdoor gatherings will now be 100 people while maintaining social distancing. The province will not reopen amusement parks, buffet-style food services, water parks, overnight children's camps, dancing at nightclubs, deliberate contact during sports, as well as saunas and steam rooms. Ford is still of the hope that children will return to school full-time and in-person by the Fall. The province still recommends that people work remotely where possible and no word has been provided on when Toronto and the other regions still in Stage 2 will enter Stage 3.

As more populated regions are entering Phase 3, an understanding of how the virus spreads is immensely important to reduce the transmission. Business and property managers are beginning to welcome consumers back, many to indoor areas which may be better at facilitating the transmission of the virus. According to health officials, COVID-19 is mostly spread by large droplets during close and unprotected contact. These droplets often fall to the ground due to their size and do not remain aloft in the air. However, other types of contact, such as surface contamination, airborne transmission, or transmission via fecal matter, may also be possible. These are being studied and more answers are coming to light as we begin to better understand the virus.

A contaminated surface is known as a fomite. According to the US Centre for Disease Control and Prevention and other health authorities, COVID-19 transmission from fomites appears to be low. Although early studies have shown that COVID-19 may live on surfaces for hours to days, it is unclear whether the virus remaining on the surface is active and viable, and able to cause an infection. With months and millions of infected, there does not appear to have been many confirmed cases of acquiring COVID-19 from surfaces. A few exceptions have occurred, with a recent story of a woman riding the elevator alone who went on to infect 71 people through other contacts. In order for the virus to be spread via fomites, it would require a large and viable load of the virus to end up on a surface, from which enough material would have to be picked up by an individual's fingers and then spread to the nose, mouth or eyes. However, as in the elevator example, it just takes one infection to quickly turn into 71. Additionally, as restaurants reopen for indoor dining, it is unclear what fomite transmission means for when drinking and eating utensils which are not properly sanitized.

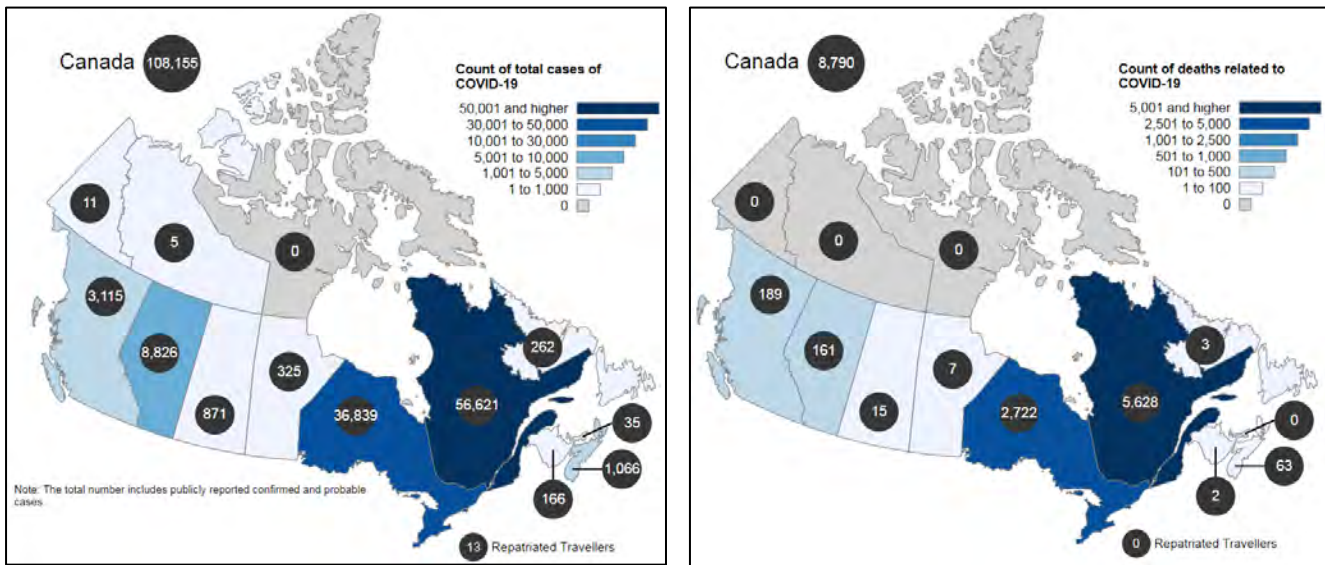
Recently, WHO was criticized for not having any guidelines regarding COVID-19's possible airborne transmission ability. Airborne transmission occurs when droplet nuclei (aerosols) remain suspended in the air over time. This is most common during medical procedures such as intubating a COVID-19 patient. To date, not enough evidence has been found to confirm aerosol transmission, particularly as we do not know how many aerosols are produced while talking or coughing, although studies have shown that aerosols are increased with amplified vocalization. Additionally, we do not yet know how much of the virus a person must come into contact with in order to cause an infection.

Should the virus be transmitted via aerosols, a strong Heating, Ventilation and Air Conditioning System (HVAC) may be able to assist in reducing the impact. Two studies have looked into transmission in HVAC systems, including

one from China that suggests the air conditioning in a restaurant may have been attributed to a transmission of COVID-19 from an individual in one table to other families sitting in tables nearby. There does not appear to be much clear evidence of transmission of COVID-19 by HVAC systems in hospitals or health care facilities; however, there is likely a “mechanistic possibility” of such. The likely theory at the moment appear to be related to longer distance localized droplet spread that has been facilitated by airflow, rather than classic airborne transmission.

What does this mean for business reopening? As far as we are currently aware, the best way to reduce transmission indoors is to wear a mask and keep two meters distance between people. Although transmission cannot be fully ruled out, more evidence is suggesting that we may not need to worry as much as previously suggested about surface contamination, as it is not viewed as the main transmission method. That does not mean we should stop continuous sanitization of high touch surfaces in public places. An investment in a strong ventilation system is worthy of discussion and may provide consumers with increased confidence that businesses are taking every measure possible to reduce the spread. Increased consumer confidence will assist in restarting the economy and which in turn will begin to reduce the level of fear in our communities.

### 3. COVID-19 IN CANADA

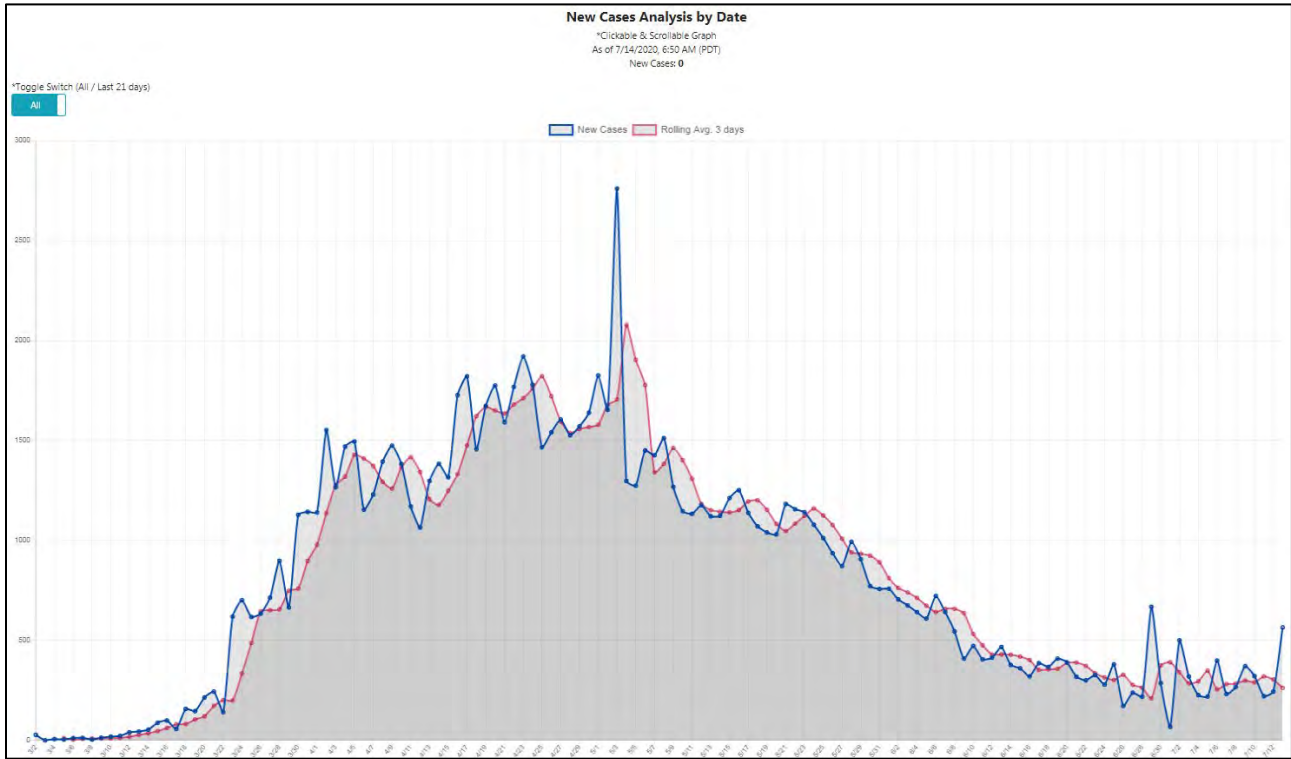


Source: <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html>

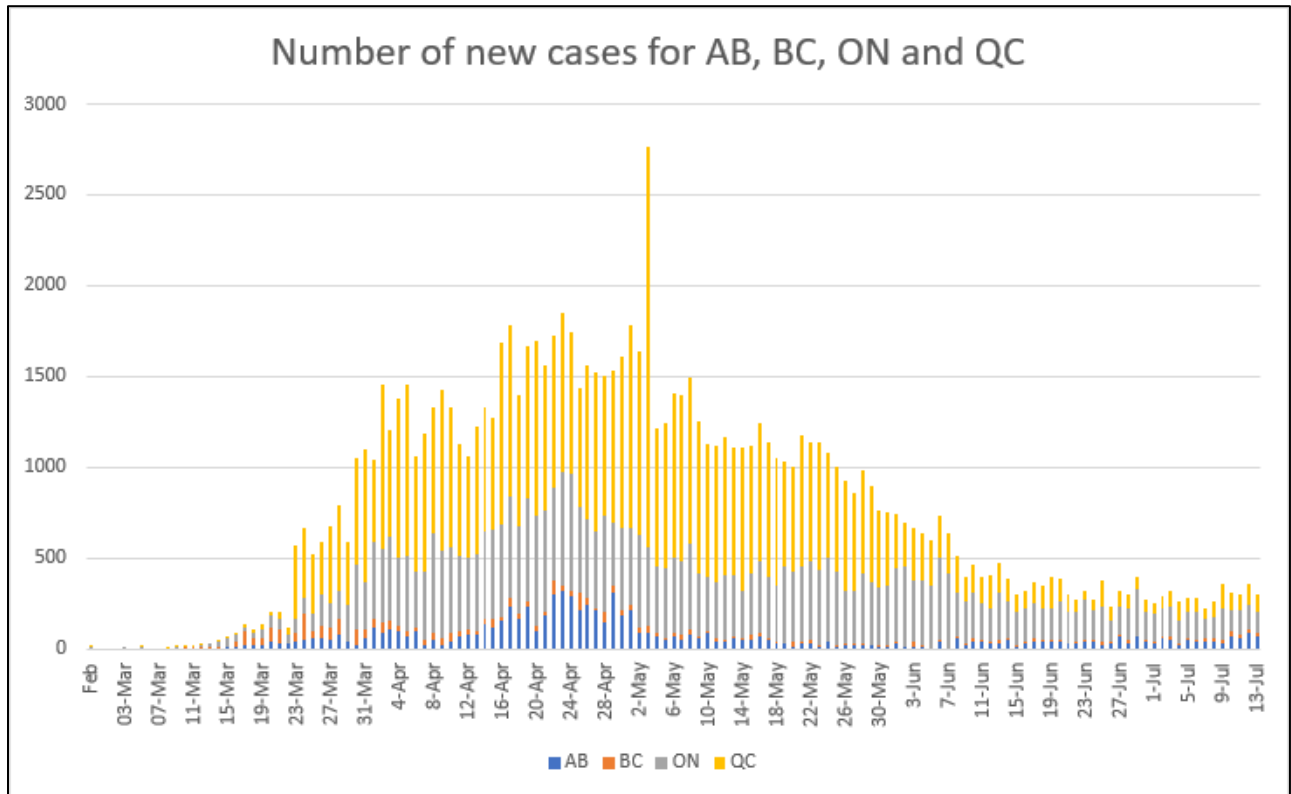


Prov.	Total Confirmed	Total Deaths	Total Recovered	Total Active
<b>Total</b>	<b>108,155</b>	<b>8,790</b>	<b>71,841</b>	<b>27,524</b>
BC	3,115	189	2,718	208
ON	36,839	2,722	32,663	1,454
QC	56,621	5,628	25,911	25,082
AB	8,826	161	7,989	676
MB	325	7	317	1
NB	166	2	163	1
SK	871	15	766	90
PEI	35	0	27	8
NL	262	3	258	1
NS	1,066	63	1,000	3
YT	11	0	11	0
NT	5	0	5	0
NU	0	0	0	0
	13	0	13	0
Rate of change	↑ 0.0%	↑ 0.0%	↑ 0.0%	0.0%

Prov.	Total Test	Total Waiting	Total Hosp	Total ICU
<b>Total</b>	<b>3,443,330</b>	-	-	-
BC	219,601	-	14	5
ON	1,712,315	7837	104	28
QC	678,148	-	305	21
AB	540,102	-	50	9
MB	71,559	-	0	0
NB	46,489	-	0	0
SK	75,161	-	3	2
PEI	14,810	126	-	-
NL	20,583	-	0	0
NS	58,741	-	1	0
YT	1,343	2	-	-
NT	2,925	66	0	0
NU	1,553	163	0	0
Rate of change	↑ 0.0%	-	-	-



Source: <https://www.covid-19canada.com>





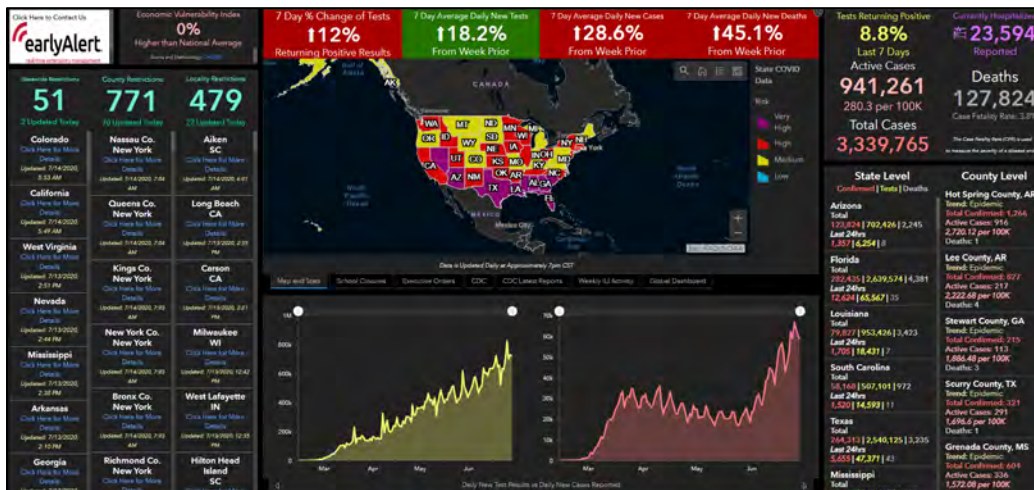
	AB	BC	NL	ON	PE	QC	SK	Total
10-Jul	77	25	1	116	0	100	2	321
11-Jul	62	21	0	130	0	91	2	306
12-Jul	96	20	0	129	0	114	23	382
13-Jul	71	21	0	116	1	100	31	340

- Trudeau announced that the Canada Emergency Wage Subsidy program has been extended until December. Eligible business may apply for 75% funding for employee wages. The program was not initially as popular as expected, likely due to the application process which required companies provide extensive documentation. However, it began to gain traction and the fiscal snapshot suggests the program will cost \$82.3 billion, almost double its original estimate. \$18 billion has been paid to date, with 581,000 application approved out of 587,060 received.
- Starting Saturday, July 18, face masks or coverings will be mandatory in all indoor public spaces in Quebec. Exemptions will be made for people who cannot wear them due to medical problems, as well as anyone under 12, although kids as young as two are encouraged to wear a mask. Starting August 1, fines could be given to those who do not wear a mask, but for now, those who do not wear one may be denied entry. Albertans are also “strongly recommended” to wear face coverings when entering indoor public places.

3.1. CANADA NEWS

- [Ontario’s Framework for Reopening The Province: Stage 3](#)
- [Premier Doug Ford reveals Stage 3 of Ontario's COVID-19 reopening plan](#)
- [Feds to extend wage subsidy program until December](#)
- [Potential COVID-19 vaccine approved for human trial in Canada is stuck in China](#)
- [Genetic detectives begin work to trace spread of COVID-19 in Canada](#)
- [Quebec makes masks mandatory in indoor public spaces](#)
- [Albertans 'strongly' encouraged to wear protective masks in public place](#)
- [Universal testing introduced as Saskatchewan reports 56 new coronavirus cases](#)
- [Restaurants may be reopening, but that doesn’t make indoor dining safe: experts](#)

4. COVID-19 IN USA





Coronavirus Cases

3,480,944

Deaths:

138,282

Recovered:

1,550,378

USA State	Total Cases	New Cases	Total Deaths	New Deaths	Active Cases	Tot Cases/ 1M pop	Deaths/ 1M pop	Total Tests	Tests/ 1M pop
USA Total	3,480,944	+1,461	138,282	+35	792,284	10,516	418	43,273,143	130,734
New York	428,303		32,445		209,034	22,017	1,668	4,724,882	242,880
California	336,037		7,099	+3	239,826	8,505	180	5,544,365	140,320
Florida	282,435		4,277		244,868	13,150	199	2,642,613	123,040
Texas	274,712		3,340		134,953	9,474	115	2,820,803	97,283
New Jersey	181,366		15,639		84,042	20,419	1,761	1,700,385	191,438
Illinois	155,931		7,394		32,698	12,305	583	2,012,994	158,856
Arizona	123,824		2,245		106,325	17,012	308	899,994	123,647
Georgia	120,569		3,026		98,358	11,356	285	1,293,302	121,809
Massachusetts	111,827		8,330		9,150	16,224	1,209	1,040,987	151,032
Pennsylvania	100,378		6,963		19,694	7,841	544	931,474	72,760
North Carolina	87,729		1,551		30,860	8,365	148	1,220,486	116,369
Louisiana	79,827		3,428		30,065	17,172	737	953,426	205,091
Michigan	77,198		6,321		18,036	7,730	633	1,517,856	151,985

- The COVID-19 positivity rate is at its highest in Texas, standing at 16.33% on Saturday. This percentage assists in understanding the spread of the virus, as it doesn't reflect just an increase in testing. Houston Mayor Sylvester Turner has proposed a stay-at-home order for the county, which saw more than 27,600 active cases on Sunday, in an effort to manage the spread. The US Army is sending almost 600 medical personnel to Texas to assist hospitals with caring for patients.
- Approximately half of the world's daily COVID-19 new cases are in the USA and Brazil. California has now ordered all counties to close indoor operations, including restaurants, bars, movie theatres and museums. Any outdoor activities are still allowed, where possible. The testing positivity rate for the state has now increased to 7.4%, with almost 6,500 people hospitalized in California.

4.1. USA NEWS

- [Donald Trump wears face mask in public for the first time](#)
- [CDC changes Infection Fatality Ratio in their pandemic planning scenarios](#)
- [Dr. Anthony Fauci says U.S. coronavirus cases are surging because nation didn't totally shut down](#)
- ['An American Failure': New Surge in Coronavirus Cases Strains U.S. Testing Capacity](#)
- ['We opened too quickly, too soon': Houston Mayor proposes a shutdown as city's COVID-19 case count rises](#)
- [Three teachers who shared a classroom got coronavirus, and one of them died](#)
- [New York City Reaches Milestone With No Reported Virus Deaths](#)
- [California to close indoor restaurants, movie theaters and bars statewide as coronavirus cases rise](#)
- [Drugmakers will start coronavirus vaccine production by end of summer, Trump health officials say](#)



## 5. GLOBAL COMMON OPERATING PICTURE



		Total Confirmed	Total Deaths	Total Recovered	Mortality Rate					
		13,273,595	576,496	7,746,787	4.34%					
#	Country	Confirmed	Deaths	Recov.	Mort.	Critical	Active	Cases /1M	Active /1M	Deaths /1M
1	USA	3,480,097 (+614)	138,273 (+26)	1,550,378	4.0%	15,934	1,791,446	10,512	5411	418
2	Brazil	1,888,889 (+930)	72,950 (+29)	1,213,512	3.9%	8,318	602,427	8,884	2833	343
3	India	911,629 (+3,984)	23,788 (+61)	573,953	2.6%	8,944	313,888	660	227	17
4	Russia	739,947 (+6,248)	11,614 (+175)	512,825	1.6%	2,300	215,508	5,070	1477	80
5	Peru	330,123	12,054	221,008	3.7%	1,314	97,061	10,008	2942	365
6	Chile	317,657	7,024	286,556	2.2%	1,995	24,077	16,612	1259	367
7	Mexico	304,435 (+4,685)	35,491 (+485)	189,063	11.7%	378	79,881	2,360	619	275
8	Spain	303,033	28,406	n/a	9.4%	617	274,627	6,481	5874	608
9	UK	290,133	44,830	n/a	15.5%	191	245,303	4,273	3613	660
10	South Africa	287,796	4,172	138,241	1.4%	539	145,383	4,851	2450	70
11	Iran	262,173 (+2,521)	13,211 (+179)	225,270	5.0%	3,389	23,692	3,120	282	157
12	Pakistan	253,604 (+1,979)	5,320 (+54)	170,656	2.1%	2,151	77,628	1,147	351	24
13	Italy	243,230	34,967	195,106	14.4%	65	13,157	4,023	218	578
14	Saudi Arabia	237,803 (+2,692)	2,283 (+40)	177,560	1.0%	2,235	57,960	6,827	1664	66
15	Turkey	214,001	5,382	195,671	2.5%	1,223	12,948	2,536	153	64
16	Germany	200,451 (+15)	9,139	185,100	4.6%	264	6,212	2,392	74	109
17	Bangladesh	190,057 (+3,163)	2,424 (+33)	103,227	1.3%	1	84,406	1,154	512	15
18	France	172,377	30,029	78,597	17.4%	492	63,751	2,641	977	460
19	Colombia	154,277	5,455	65,809	3.5%	875	83,013	3,031	1631	107
20	Canada	108,155	8,790	71,641	8.1%	2,159	27,524	2,854	729	232

## 6. LAW ENFORCEMENT AND CRIME REPORTING

- [Child sex exploitation is on the rise in Canada during the pandemic](#)
- [Three people fled Covid-19 isolation on UK farm, say police](#)



- [Domestic assault reports in Thunder Bay rise during pandemic](#)
- [Military's COVID-19 cases growing at twice the US nationwide rate](#)

## 7. TRAVEL

- [Canadians push back as U.S. Congress pressures Canada to reopen shared border](#)
- [Canada adds health officials at U.S. border crossings to screen for COVID-19](#)
- [The people who say they're not boarding an airplane until there's a Covid-19 vaccine](#)
- [Going to swimming pools during COVID-19](#)
- [COVID-19 Travel Regulations Map](#)

## 8. SOLUTION AND RESPONSE EFFORTS

- [Why it may be harder to catch COVID-19 from surfaces than we first thought](#)
- [Virus immunity may disappear within months: study](#)
- ["COVID fatigue" is hitting hard. Fighting it is hard, too](#)
- [Your Mask Cuts Own Risk by 65 Percent](#)

## 9. MEDICAL INFORMATION

- [Russia Completes Human Trials Of Covid-19 Vaccine](#)
- [Superspreader - woman infects 71 people in 60 seconds in elevator: CDC study](#)
- [Back to school: What doctors say about children and COVID-19](#)
- [CDC Healthy Swimming Guide](#)

## 10. INTERNATIONAL DATA

- [WHO says U.S. and Brazil accounted for half of new daily coronavirus cases](#)
- [Putin says COVID-19 fatalities in Russia are "much lower than in other countries"](#)
- [South Asia on high alert as India reports highest single day case spike, Sri Lanka delays re-opening international airports](#)
- [Face coverings may become mandatory in shops in England](#)
- [Mexico surpasses Italy's COVID-19 loss of life toll as President says the virus "is getting rid of intensity"](#)

## 11. ECONOMIC IMPACT

- [University professors fear returning to campus as coronavirus cases surge nationwide in US](#)
- [Second wave of COVID-19 could push many off loan deferral cliff: economist](#)
- [Global stocks surge as investors ignore record new COVID-19 infections, and pin their hopes on the start of earnings season](#)
- [Five growing post-COVID industries and where their jobs are](#)

## 12. CYBER NEWS

- [Go Phish: Cybercriminals Stick to Coronavirus and Financial Content to Fuel Phishing Schemes](#)
- [A game of 'cat and mouse': Hacking attacks on hospitals for patient data increase during pandemic](#)
- [New report reveals countries most targeted by 'significant' cyber-attacks](#)



End Report

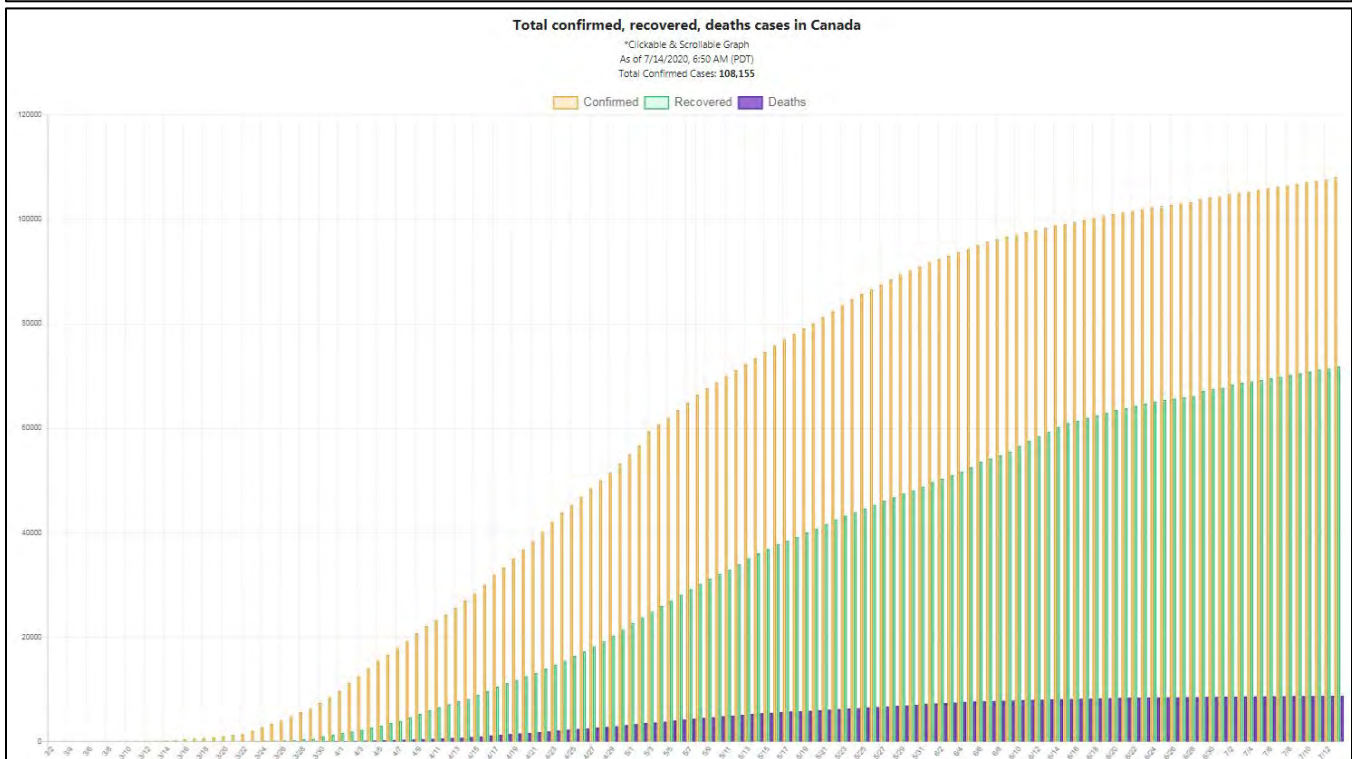
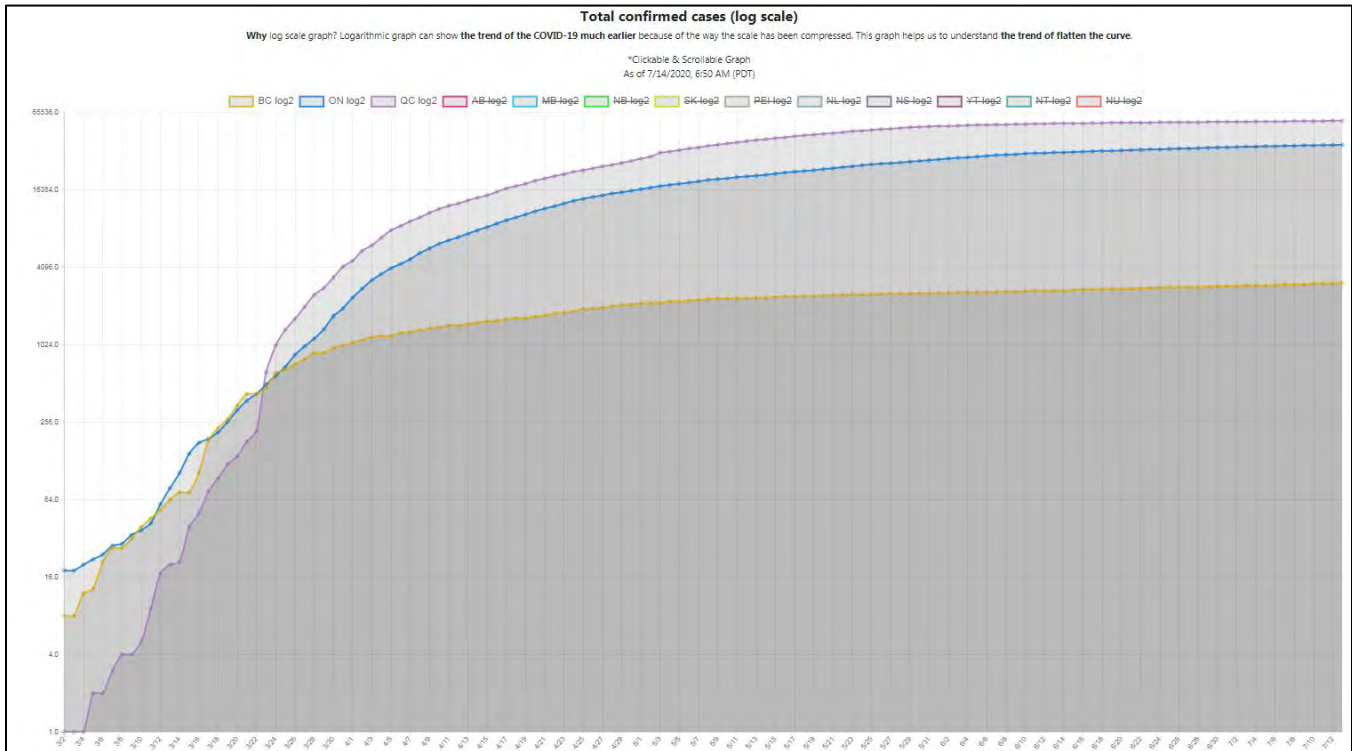
---

*Please submit feedback to:*

**Scott McGregor, CD, BCom**  
Intelligence Manager  
**Paladin Risk Solutions Inc.**  
C. 604-910-7781  
[smcgregor@paladinrisksolutions.com](mailto:smcgregor@paladinrisksolutions.com)

*Special thanks to MG, Senior OSINT Analyst and Investigator*

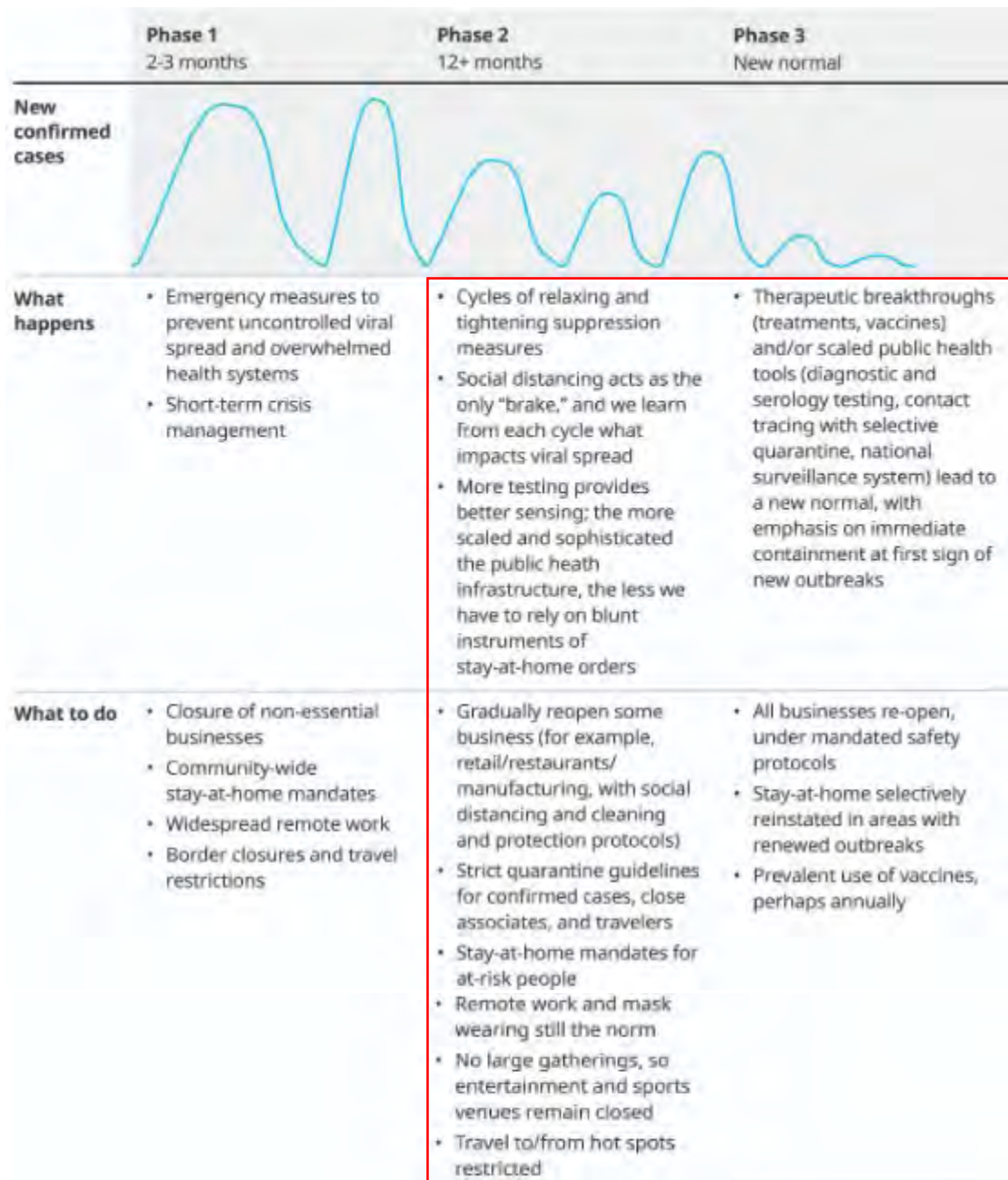
### 13. APPENDIX A – Canadian Tracking Information



Source: <https://www.covid-19canada.com/graphs>



14. APPENDIX B – Phase 1 to 3: Progression on Managing COVID-19 Pandemic



Source: <https://www.oliverwyman.com/our-expertise/insights/2020/apr/getting-back-to-work-responsibly.html>