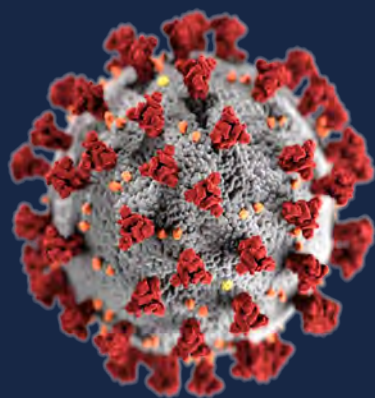




**Paladin
Risk Solutions**



COVID-19

INTELLIGENCE REPORT

Prepared for:

Paladin Security Group
Emergency Operations Centre

24 July 2020



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2. INSIGHT and SITUATIONAL AWARENESS

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Countries mandating face masks have shown that it assists in reducing the spread of COVID-19. Germany's Chancellor, Angela Merkel, has a PhD in quantum chemistry, and has assisted Germans in understanding the science behind COVID-19. At the beginning of the pandemic, Merkel explained that masks will be difficult to access, so Germans began making their own face coverings. Merkel provided public updates based in scientific research. As Merkel is not known for her empathy, she is seen as being objective, showing little political biases in her response to COVID-19. Germans also seem to be less focused on their freedoms and civil rights as opposed to most North Americans, and are less culturally individualistic, more willing to make concessions towards the greater good in comparison to Americans. Similarly, Germans have a longer-term orientation, being more willing to delay short-term success and emotional gratification in preparation for the future.¹

So why are some people so adamant about not wearing a mask? Other reasons for not wearing masks is a feeling of claustrophobia, and others may perceive the reaction to COVID-19 as overblown and thus do not feel that mandatory masks are a reasonable reaction, thus refusing to wear it. For some, the reason is more than just one factor. When people's freedoms are violated, or a perception of such, a psychological reaction called psychological reactance occurs. This moral outrage, characterized by extreme anger, occurs as they feel that their rights are being tread on. During the 2018 Spanish Flu, similar refusals to wear masks occurred by some who felt their civil liberties were being violated. For those that are usually anti-government or anti-establishment, government orders are nothing more than "coercion" and "control", thus politicizing masks. As we are all experiencing a collective trauma of sorts, and many have reported feeling on edge and stressed, many of us are in a "fight or flight" response. When faced with a sudden threat from an unknown threat, this leads to a concept called "hot cognition", where strong emotions override our rational thinking system, causing us to react instead of responding.

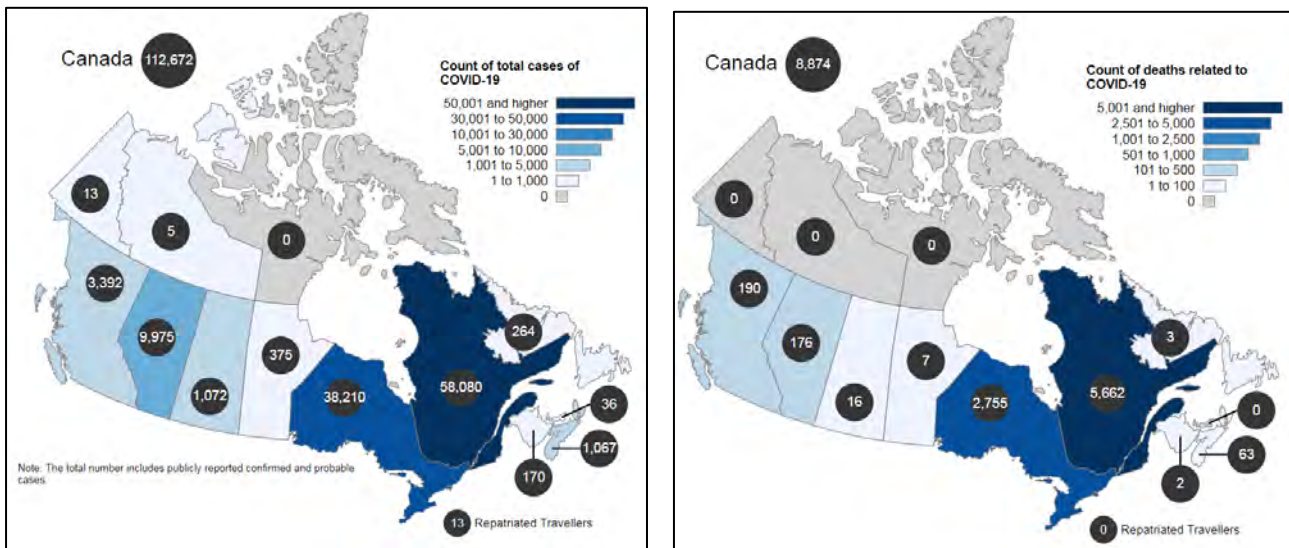
In many countries, health officials were at first dissuading individuals from wearing masks, likely in an effort to safeguard enough mask supply for healthcare workers. Later, as directives changed and with masks not only recommended but mandatory in many jurisdictions, regular individuals who do not understand the science, may lose faith in health officials. Furthermore, when similar experts from different locations have different recommendations, it is hard for many to decipher why the change in directives occur and which information is what they should act on. Extensive understanding of research methods is integral to being able to assess scientific studies, and with results being discussed in social media before being peer reviewed prior to release people become confused.

A downside of having low infection rates is that citizens do not witness the real-life consequences of COVID-19. Those who do not have first or second-hand knowledge of someone who was sick, which is often the case in areas with a low infection rate, may wonder why such measures were necessary since infections were low. As can be

¹ <https://www.hofstede-insights.com/country-comparison/germany,the-usa/>

seen in places such as Israel, explosive growth of the virus can occur quickly, and it is difficult to tell how many people are infected because tests look at historical data and struggle to provide a timely and accurate view of the present state of infection. It is directly due to the tough measures that some locations have low infection rates. Unfortunately, some use this as a reason as to why measures should be reduced or removed all together. Those in harder hit areas appear to be, on average, more willing to make concessions towards reducing the spread. If masks are presented as a patriotic practice, or a duty to other citizens, it may be that more individuals will become comfortable with masks as a hygienic practice, a routine practice in many Asian countries.

3. COVID-19 IN CANADA

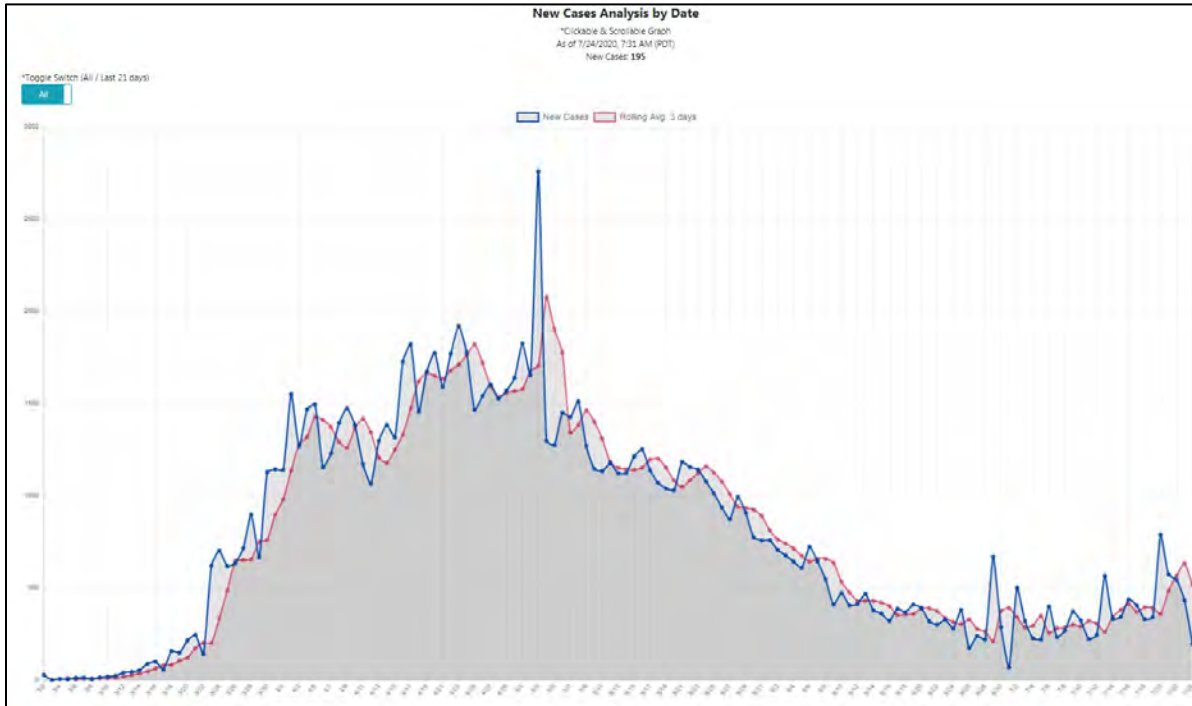


Source: <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html>

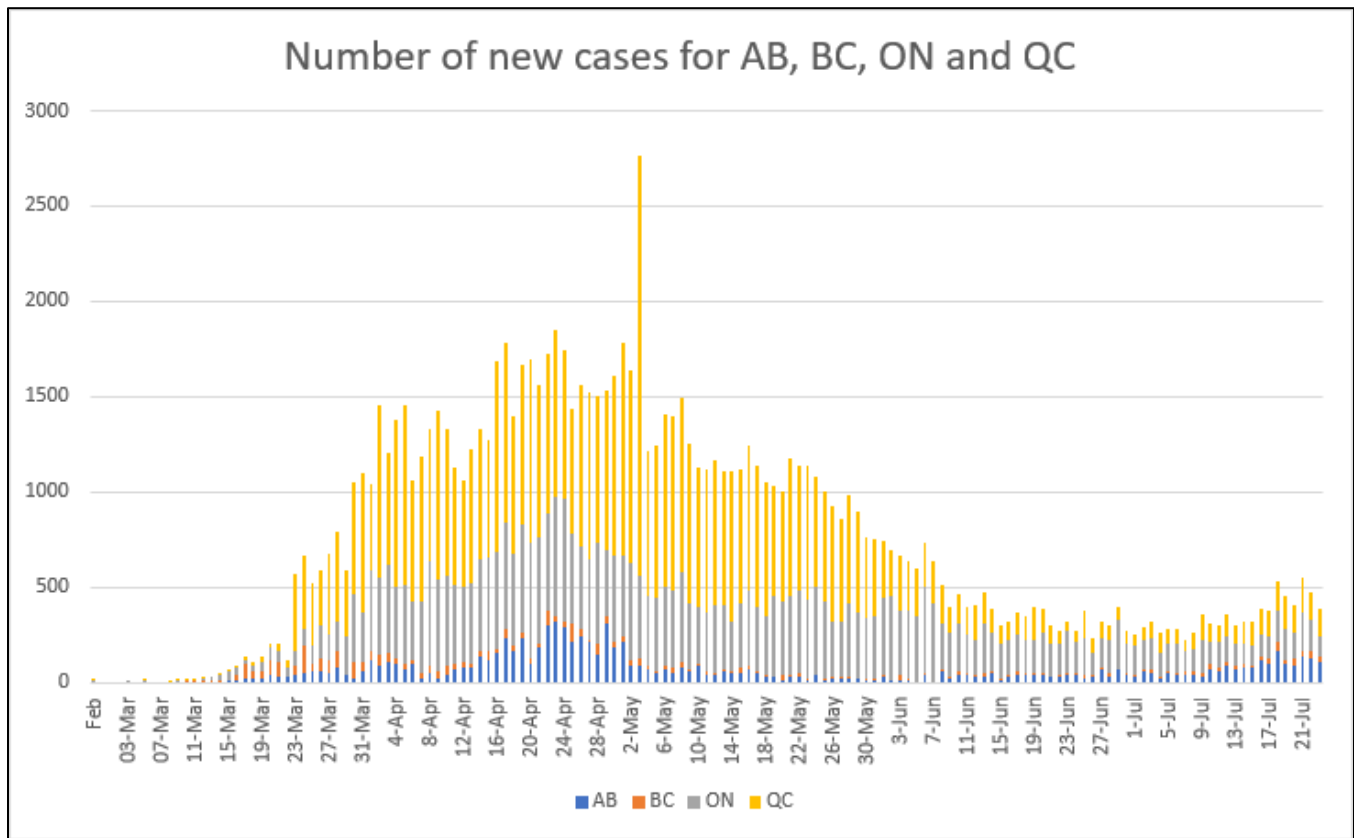


Prov.	Total Confirmed	Total Deaths	Total Recovered	Total Active
Total	112,867 (↑195)	8,877 (↑3)	98,656 (↑137)	5,334 (↑55)
BC	3,392	190	2,898	304
ON	38,405 (↑195)	2,758 (↑3)	34,100 (↑137)	1,547 (↑55)
QC	58,080	5,662	50,505	1,913
AB	9,975	176	8,506	1,293
MB	375	7	319	49
NB	170	2	165	3
SK	1,072	16	838	218
PEI	36	0	34	2
NL	264	3	259	2
NS	1,067	63	1,003	1
YT	13	0	11	2
NT	5	0	5	0
NU	0	0	0	0
	13	0	13	0
Rate of change	↑ 0.2%	↑ 0.0%	↑ 0.1%	↑ 1.0%

Prov.	Total Test	Total Waiting	Total Hosp	Total ICU
Total	3,947,521 (+28,809)	-	-	-
BC	244,149	-	16	3
ON	1,988,909 (+28809)	25550 (+3725)	141 (-13)	31 (-4)
QC	774,050	-	221	14
AB	614,692	-	106	21
MB	79,546	-	1	1
NB	50,112	-	0	0
SK	86,384	-	13	4
PEI	18,113	43	-	-
NL	22,984	-	0	0
NS	62,306	-	0	0
YT	1,469	23	-	-
NT	3,125	74	0	0
NU	1,682	215	0	0
Rate of change	↑ 0.7%	-	-	-



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





	AB	BC	MB	NB	NL	NS	ON	PE	QC	SK	Total
21-Jul	141	30	12	0	1	0	203	0	180	8	575
22-Jul	133	34	8	1	1	0	165	1	142	60	545
23-Jul	114	30	1	1	0	0	103	1	142	42	434

- Canadian health officials are warning that with Canada’s increasing cases, it is possible Canada is heading towards a spike in the virus, with little time for measures before increased growth. It is believed that the reopening of bars and clubs may signal to individuals that the danger has passed.
- Ontario has seen a recent spike in COVID-19 cases, but yesterday reported a lower rate (104) of new infections. Most of the infections were recorded in the areas which have not moved into Phase 3 of reopening plans; Toronto, Peel Region, and Windsor-Essex. An increase in hospitalizations has also been identified, although no deaths were recorded on Thursday.
- BC has experienced a spike in cases, with more than 30 cases over the last few days. Although no deaths were reported for about eight days, BC has put new measures on bars, clubs and restaurants. All patrons must be seated, with no alcohol self-service and no dancing. BC is also looking into regional only restrictions, possibly placed on Kelowna - as that specific outbreak reaches over 78 infections. BC has launched a website which contains public exposure warnings in case contact tracing cannot be completed.
- BC is spending an additional \$1 billion for COVID-19 relief, matching federal funds for public transit and municipal governments. This is in addition to the \$5 billion previously announced, a \$12.5 billion deficit.

3.1. CANADA NEWS

- [Vancouver Coastal Health launches COVID-19 public exposures webpage](#)
- [B.C. to spend extra \\$1 billion on COVID-19 aid, deficit to jump to \\$13.5 billion](#)
- [Young people are causing COVID-19 spikes. But are they solely to blame?](#)
- [Quebec reports no new COVID-19 deaths, 142 new cases](#)
- [MPs pass bill to implement revamped wage subsidy, disability aid payment](#)
- [Kelowna General Hospital staff exposed to COVID-19 positive patients are still working](#)
- [Ontario records significant dip in COVID-19 cases, no new deaths](#)
- [B.C. puts new rules on restaurants, bars, nightclubs amid rising COVID-19 numbers](#)
- [‘We’re going to run out of time’: Health experts sound alarm as Canada’s coronavirus cases rise](#)



4. COVID-19 IN USA



Coronavirus Cases

4,175,379

Deaths:

147,395

Recovered:

1,981,538

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	4,175,379	+5,061	147,395	+46	2,046,446	12,614	445	51,600,049	155,890
New York	437,529		32,656		140,708	22,491	1,679	5,368,338	275,957
California	432,345		8,204	+2	292,965	10,942	208	6,778,304	171,550
Florida	389,868		5,520		344,397	18,152	257	3,215,185	149,698
Texas	377,396		4,762		168,808	13,016	164	3,465,070	119,502
New Jersey	184,029		15,808		54,721	20,719	1,780	1,859,638	209,367
Illinois	168,100		7,560		20,567	13,266	597	2,388,193	188,465
Georgia	156,588		3,360		127,409	14,748	316	1,542,109	145,243
Arizona	152,944		3,063		130,144	21,012	421	1,037,924	142,597
Massachusetts	114,647		8,484		9,711	16,634	1,231	1,150,501	166,921
Pennsylvania	109,153		7,164		23,721	8,526	560	1,082,667	84,570
North Carolina	106,918		1,749		26,462	10,194	167	1,523,675	145,277
Louisiana	101,650		3,690		36,504	21,866	794	1,174,868	252,725
Tennessee	86,987		925		34,401	12,738	135	1,295,115	189,644
Michigan	84,431		6,395		22,874	8,454	640	1,811,380	181,376
Virginia	82,364	+1,127	2,067	+13	69,721	9,650	242	1,086,240	127,261

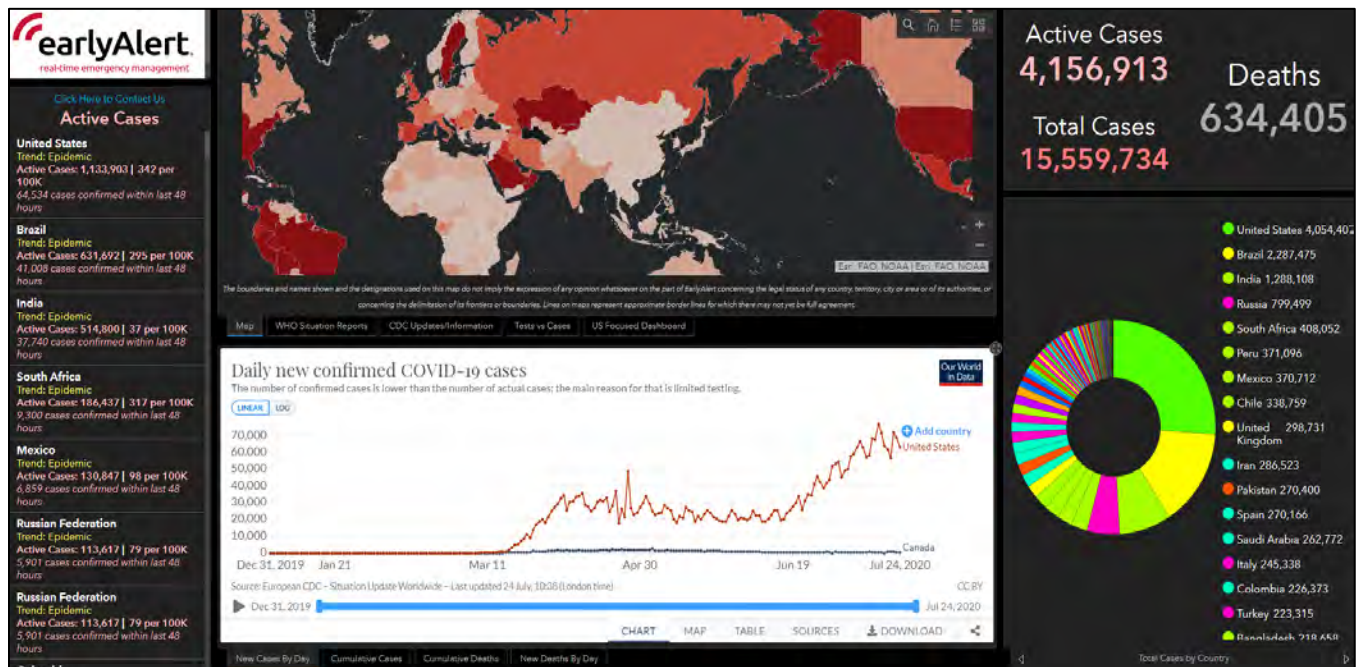
- On Thursday, the USA officially passed the four million COVID-19 infections mark. Currently, just under 145,000 people have died from COVID-19 in the USA. Hospitals in areas such as south Texas, Arizona, Southern California, Florida, and Louisiana are experiencing overflowing hospitals where some patients not believed to have a high chance of surviving are being refused access to hospitals. Daily death counts are also their highest since May.

- The USA Senate has reportedly reached an agreement regarding the COVID-19 relief bill, possibly totalling over \$1 trillion. This agreement reportedly includes money towards stimulus cheques, COVID-19 testing, schools and universities, and a discussion regarding a 70% wage replacement for unemployment insurance will also take place.

4.1. USA NEWS

- [U.S. surpasses 4 million COVID-19 cases](#)
- [Where the Virus Is Sending People to Hospitals](#)
- [Senate GOP, White House reach tentative \\$1 trillion pact to break coronavirus aid logjam](#)
- [Layoffs: 1.4M workers file for unemployment as COVID-19 surges, and some benefits near end](#)
- [Former CDC director says U.S. coronavirus response mixes politics with science in 'very dangerous' way](#)
- [White House executive office cafeteria closed after positive coronavirus test](#)
- [U.S. agrees to pay Pfizer and BioNTech \\$2 billion for 100 million doses of coronavirus vaccine](#)
- [Utah sees virus surge -- but not in county with mask order](#)
- [States where Yelp searches for restaurants and bars increased in May became coronavirus hot spots in June](#)
- ['It's Like Groundhog Day': Coronavirus Testing Labs Again Lack Key Supplies](#)
- [Trump says COVID-19 crisis 'will probably unfortunately get worse before it gets better'](#)

5. GLOBAL COMMON OPERATING PICTURE





		Total Confirmed	Total Deaths	Total Recovered			Mortality Rate			
		15,720,520	637,674	9,593,032			4.06%			
#	Country	Confirmed	Deaths	Recov.	Mort.	Critical	Active	Cases /1M	Active /1M	Deaths /1M
1	USA	4,175,379 (+5,061)	147,395 (+46)	1,981,538	3.5%	19,165	2,046,446	12,610	6180	445
2	Brazil	2,292,286 (+2,335)	84,251 (+44)	1,570,237	3.7%	8,318	637,798	10,779	2999	396
3	India	1,312,551 (+24,421)	30,821 (+176)	831,059	2.3%	8,944	450,671	951	326	22
4	Russia	800,849 (+5,811)	13,046 (+154)	588,774	1.6%	2,300	199,029	5,488	1364	89
5	South Africa	408,052	6,093	236,260	1.5%	539	165,699	6,875	2792	103
6	Peru	371,096	17,654	255,945	4.8%	1,372	97,497	11,246	2955	535
7	Mexico	370,712 (+8,438)	41,908 (+718)	236,209	11.3%	3,878	92,595	2,873	718	325
8	Chile	338,759	8,838	311,431	2.6%	1,670	18,490	17,712	967	462
9	Spain	317,246	28,429	n/a	9.0%	617	288,817	6,785	6177	608
10	UK	297,146	45,554	n/a	15.3%	110	251,592	4,376	3705	671
11	Iran	286,523 (+2,489)	15,289 (+215)	249,212	5.3%	3,653	22,022	3,409	262	182
12	Pakistan	270,400 (+1,209)	5,763 (+54)	219,783	2.1%	1,316	44,854	1,223	203	26
13	Saudi Arabia	262,772 (+2,378)	2,672 (+37)	215,731	1.0%	2,143	44,369	7,541	1273	77
14	Italy	245,338	35,092	197,842	14.3%	49	12,404	4,058	205	580
15	Colombia	226,373	7,688	107,951	3.4%	1,456	110,734	4,446	2175	151
16	Turkey	223,315	5,563	206,365	2.5%	1,251	11,387	2,646	135	66
17	Bangladesh	218,658 (+2,548)	2,836 (+35)	120,976	1.3%	1	94,846	1,327	576	17
18	Germany	205,294 (+152)	9,190 (+3)	189,400	4.5%	239	6,704	2,450	80	110
19	France	179,398	30,182	80,472	16.8%	436	68,744	2,748	1053	462
20	Argentina	148,027 (+20)	2,722 (+20)	65,447	1.8%	902	79,858	3,273	1766	60
21	Canada	112,867 (+195)	8,877 (+3)	98,656	7.9%	2,219	5,279	2,978	140	234

6. LAW ENFORCEMENT AND CRIME REPORTING

- [Video of man coughing on Walmart merchandise leads to investigation in South Carolina](#)
- [Police fine U.S. whale-watching vessel caught in local waters](#)
- [Crime in Windsor down by 10 per cent due to pandemic, says deputy police chief](#)

7. TRAVEL

- [Southwest says: No mask, no flying. Only children under 2 exempt](#)
- [33 states have instituted post-travel COVID quarantines—posing a dilemma for executives](#)
- [At least 561 flights in Canada had possible coronavirus exposures since pandemic began](#)
- [Travel insurance trends emerge despite the COVID-19 pandemic](#)

8. SOLUTION AND RESPONSE EFFORTS

- [Chile wants Covid-19 sniffer dogs to help reopen public spaces](#)
- [India, Israel join hands to develop rapid testing for Covid-19 in under 30 seconds](#)
- [Which Canadians get COVID-19 vaccines first? Experts will face tough decisions](#)
- [More COVID-19 deaths at for-profit nursing homes in Ontario, study finds](#)



9. MEDICAL INFORMATION

- [Dr. Anthony Fauci warns the coronavirus won't ever be eradicated](#)
- [Can You Get Covid-19 Again? It's Very Unlikely, Experts Say](#)
- [Canadian-led study to examine antibodies from recovered COVID-19 patients as treatment for others](#)
- [Herd Immunity Response to COVID-19 Pandemic Could Be Problematic](#)

10. INTERNATIONAL DATA

- [COVID-19 cases, deaths on rise in Brazil, Mexico](#)
- [South Africa's excess death rate suggests COVID-19 toll much worse than reported](#)
- [Mexico says China offers \\$1-billion loan to ease access to COVID-19 vaccine in Latin America, Caribbean](#)
- [Face masks mandatory in shops, takeaways and stations in England from Friday](#)

11. ECONOMIC IMPACT

- [More than half of US business closures permanent says Yelp](#)
- [Dyson blames COVID-19 as it plans to cut 600 UK jobs](#)
- [Europe is about to unveil changes to its financial regulations due to the coronavirus crisis](#)
- [There is a 'ridiculous amount of speculation' over coronavirus vaccine stocks: biotech analyst](#)
- [Women's participation in workforce at lowest level in 3 decades due to COVID-19: RBC](#)

12. CYBER NEWS

- [Staying Cyber-Healthy During COVID-19](#)
- [COVID-19 crisis shifts cybersecurity priorities and budgets](#)
- [Coronavirus fuels cyber attacks, exposes gaps in business recovery](#)

End Report

Please submit feedback to:



Scott McGregor, CD, BCom

Intelligence Manager

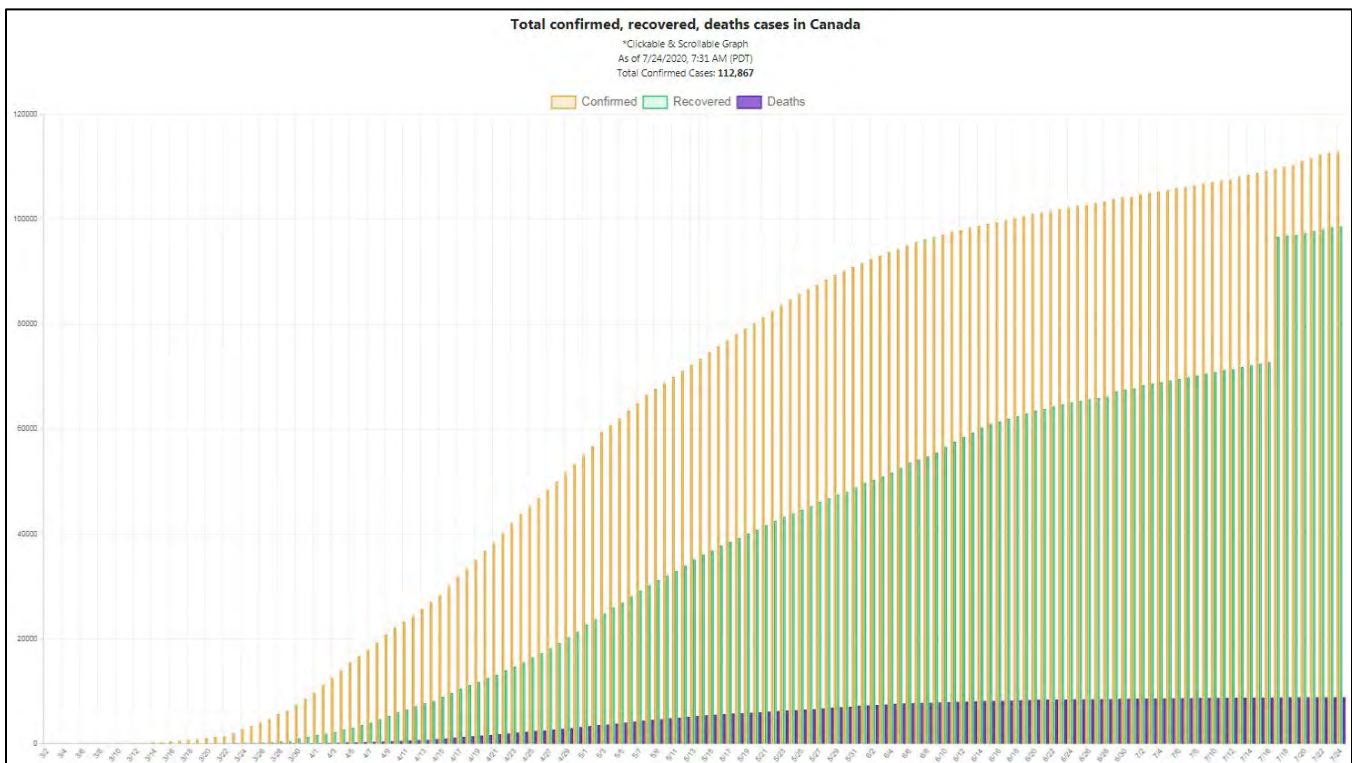
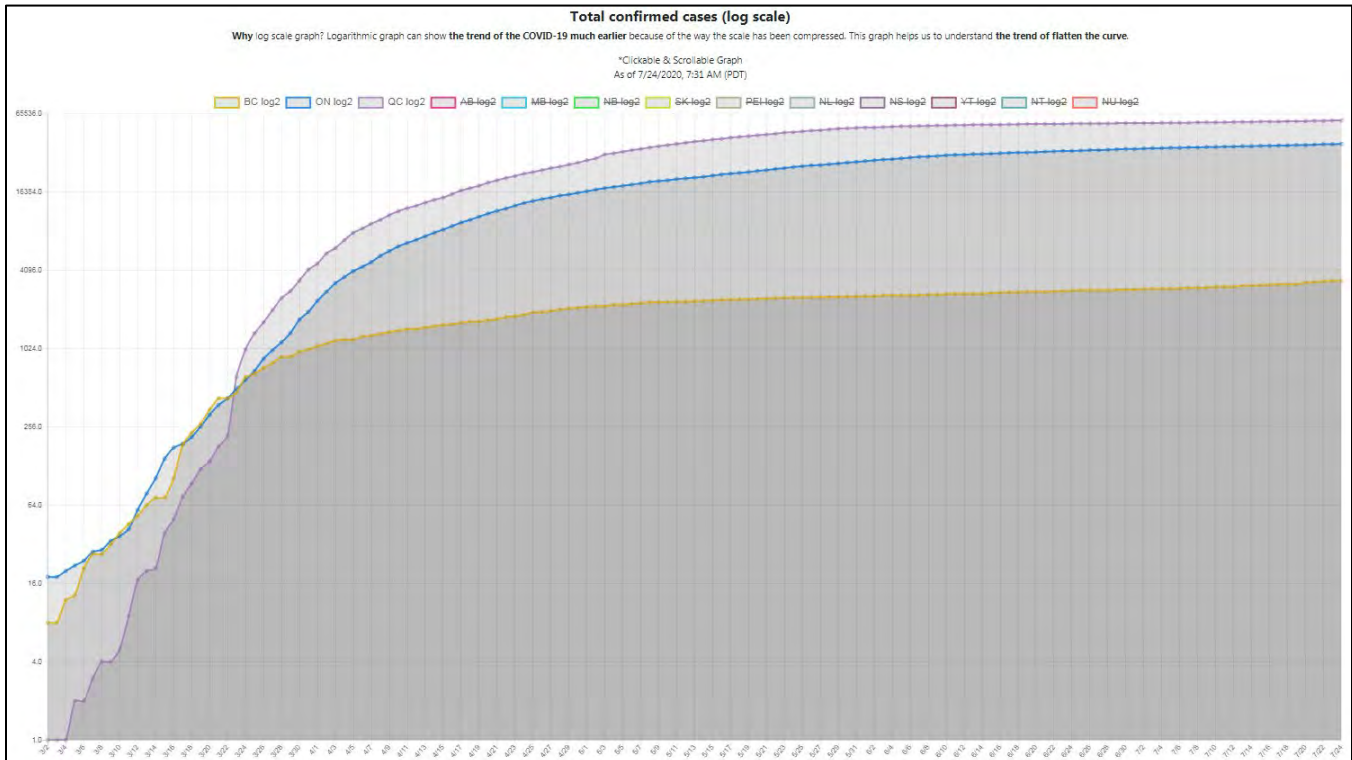
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Special thanks to MG, Senior OSINT Analyst and Investigator

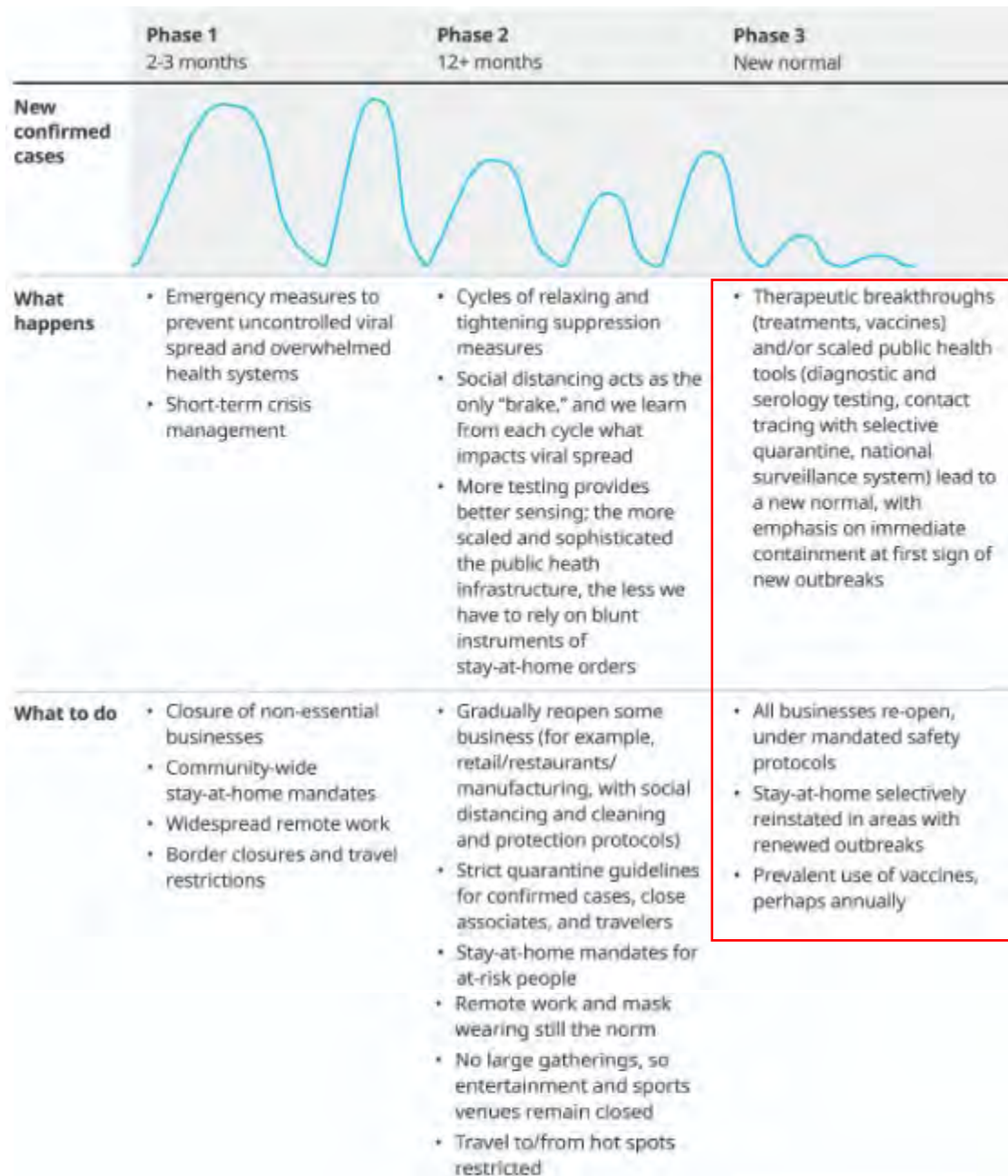
13. APPENDIX A – Canadian Tracking Information



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>