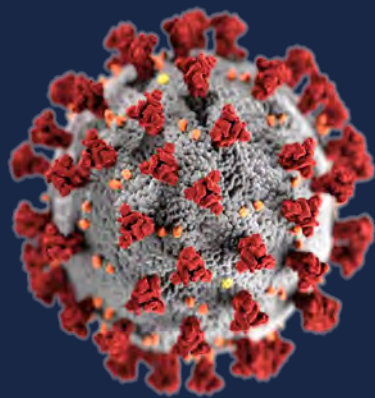




**Paladin
Risk Solutions**



COVID-19

INTELLIGENCE REPORT

Situational Awareness for:
Stakeholders and Decision Makers

06 November 2020



1. TABLE OF CONTENTS

- 2. INSIGHT and SITUATIONAL AWARENESS →Click here to access previous featured reports 2
- 3. COVID-19 IN CANADA 4
- 3.1. CANADA NEWS 5
- 4. COVID-19 IN USA 6
- 4.1. USA NEWS..... 7
- 5. GLOBAL COMMON OPERATING PICTURE..... 8
- 6. LAW ENFORCEMENT AND CRIME REPORTING 9
- 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

	Confirmed	Deaths	Recovered	Active
Canada	251,338	10,361	207,998	32,959
USA	9,934,763	241,100	6,342,272	3,251,391
Global	49,241,168	1,242,605	35,103,542	12,895,021

NOTE: Paladin Risk Solutions is now utilizing a secure cloud application to provide multiple layers of protection on the web and prevent exposure of open source intelligence gathering and dark web investigations. This software enables research teams to maximize security, accelerate intelligence gathering and analysis, streamline network operations, and ensure full control and auditability of all research activity.

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2. INSIGHT and SITUATIONAL AWARENESS

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Circuit Breaker Lockdowns. As global COVID-19 reaches record breaking numbers, many countries are posting their highest ever daily case count. The USA has posted two days in a row of positive daily cases totalling over 100,000; while France, with a population one fifth of the USA, posted a new daily record of over 52,000 cases. Germany's new daily record was registered on Thursday, with over 20,000 cases. In Canada, BC posted its highest record count, to date, of 425 on. Alberta is reporting it is at a tipping point with over 2,200 cases in four days. To avoid restrictions as severe as during the first lockdown, countries are turning to creative methods to curb the spread of the virus. Experts have suggested that 'circuit breaker' lockdowns may be an effective measure to reduce transmission of COVID-19.






These lockdowns, also known as a 'wave breaker', consist of specific COVID-19 measures which contain a specific end date. During the first lockdown, no information was available to the public about when the lockdown would have been lifted. Health officials continued to assess the situation within a given time, deciding afterward on whether and when to reduce the measures. A 'circuit breaker' model would instead have a set end date. These types of lockdowns have already been implemented in parts of Europe, including Wales, who closed schools and businesses for two weeks. Similarly, England and Northern Ireland have entered a four-week lockdown. The idea is to quell the specific transmission locations before they resume, giving a pause intended to reduce cases, like a dimmer switch on a light. Individuals are estimated to be infectious for about two weeks, this measure should stop individuals from transmitting the virus to others during their infectious period. Unfortunately, the reality is that individuals cannot be fully prevented from being around others, and many are required to attend their essential jobs where transmission is likely to persist.

A two week 'circuit breaker' is likely not enough of a safeguard as people may get the virus from a loved one a few days after they commence the two-week lockdown period. Consequently, their household infectious period will last longer than the two-week lockdown. Experts suggest a lockdown of at least 18 days to be sufficient for effectively reducing cases. Bringing down case numbers would reduce the compounding effect of rising cases and allow contact tracers to catch up; but it will not provide a complete purge of the cases. For countries that are beginning to spiral out of control, this strategy may assist in getting on top of the current cases and allow them to not be overwhelmed. These lockdowns will only work if people are compliant, which may be done more easily during a lockdown than when on reduced measures as the directives are not usually made clear to the public.

Shorter lockdowns cause less disruptions to people's lives and to the economy. Lockdowns have a clear message of what is and what is not allowed, even though lesser restrictions may be poorly communicated or understood by the public. Businesses would be able to properly prepare for reopening without incidence. Previously, unknown lockdown end dates and postponement of these end dates has caused problems for businesses, such as restaurants. A restaurant owner in Ontario has previously showcased the difficulties of postponement of lockdown wherein an end date to the lockdown was announced, and the owner prepared for reopening by buying large amounts of meat and other food products only to find out the lockdown end was postponed. These types of changes hurt businesses which are already struggling due to pandemic measures. Such actions have the capacity to erode trust in authorities and subsequently result in more infections due to non-compliance. European officials have extended some lockdowns with a set end date, but they provided some notice before doing so. Extension of a set end date lockdown may backfire, and as such, these types of lockdowns will probably not be efficient.

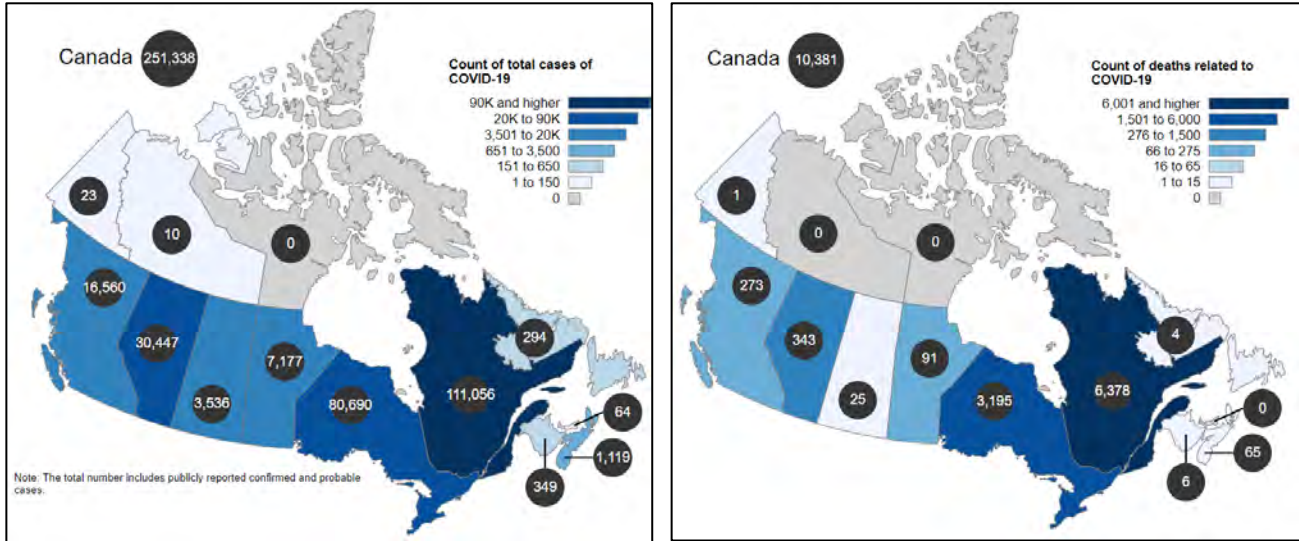
Effective approaches to reducing transmission include hotspot lockdowns and aggressive testing. These are not being implemented in Canada or the USA at this time. Should numbers of daily cases continue to increase at the current rate, full regional lockdowns may be the only option to curb the spread. A significant factor to include in the increasing case count is the winter season where people spend more time indoors. For this reason, experts believe that most regions that were not as impacted by the pandemic will see some sort of a lockdown or increased measures and may include closing down indoor dining or exercise facilities. It is believed that health officials will attempt to limit the use of lockdowns and focus on halting activities which could become super spreader events. Activities such as going to a physiotherapist or a hair dresser may not be as targeted as the aforementioned activities because reduction of transmission can be heavily reduced by both parties wearing a mask. However, all options are likely on the table, dependant on the pace of transmission and its effects on the healthcare system. Ontario is already reporting heavily used health facilities, not only related to COVID-19 cases but also because the Canadian healthcare system, even at its best, is often overwhelmed. Additionally, as the second largest country in the world by geography, regional hospital capacity varies greatly, and specific regional measures may be required to ensure those facilities are not overwhelmed.

Ontario has recently released its new framework for possible shutdowns. The province’s 34 public health units will fit into one of five categories of COVID-19 phases, dependant on the health unit’s transmission trends. This will allow regions to change restrictions as required. The few different categories are color coded as follows; Prevent (Green), Protect (Yellow), Restrict (Orange), Control (Red), and Lockdown. In the Prevent category, which will be implemented in regions that see a positivity rate of less than 1% and less than 10 cases per 100,000. As the positivity rates and cases per 100,00 increase, the restrictions become stricter with the fourth category, control, which requires a positivity rate of 10% and an incidence rate of more than 100 cases per 100,000. Should the fourth stage not assist in reducing cases, the region will be moved to the final category - complete lockdown with closure of all non-essential businesses. The graphic below shows the focus of each category.

Framework: Adjusting and Tightening Public Health Measures					
Act earlier by implementing measures to protect public health and prevent closures					
Gradually loosen measures as trends in public health indicators improve					
Objective	 PREVENT (Standard Measures)	 PROTECT (Strengthened Measures)	 RESTRICT (Intermediate Measures)	 CONTROL (Stringent Measures)	 LOCKDOWN (Maximum Measures)
	Focus on education and awareness of public health and workplace safety measures in place.	Enhanced targeted enforcement, fines, and enhanced education to limit further transmission.	Implement enhanced measures, restrictions, and enforcement avoiding any closures.	Implement broader-scale measures and restrictions, across multiple sectors, to control transmission (Return to modified Stage 2).	Implement widescale measures and restrictions, including closures, to halt or interrupt transmission (Return to modified Stage 1 or pre-Stage 1).
Tactics	Restrictions reflect broadest allowance of activities in Stage 3 absent a widely available vaccine or treatment. Highest risk settings remain closed.	Apply public health measures in high risk settings.		Restrictions are the most severe available before widescale business or organizational closure.	Consider declaration of emergency.



3. COVID-19 IN CANADA

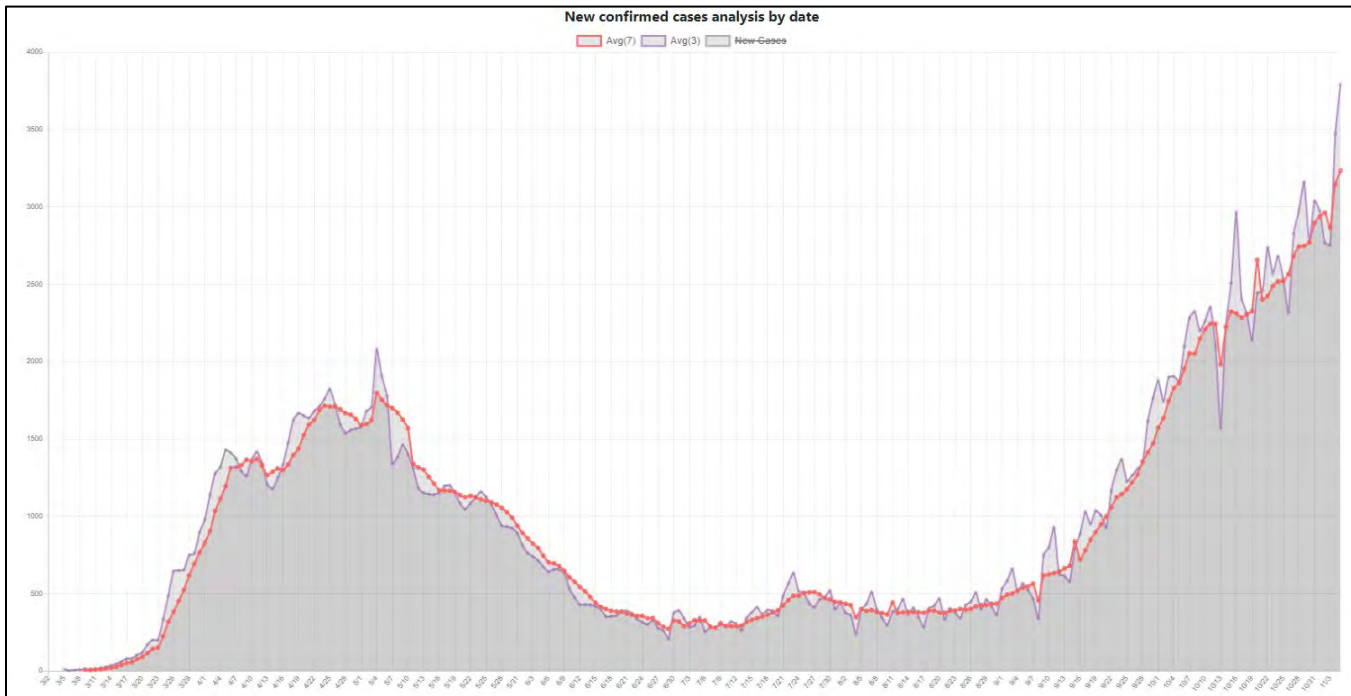


Source: <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html>

Prov.	Total Confirmed	Total Deaths	Total Recovered	Total Active
Total	251,338	10,381	207,998	32,959
BC	16,560	273	12,806	3,481
ON	80,690	3,195	69,137	8,358
QC	111,056	6,378	94,884	9,794
AB	30,447	343	23,874	6,230
MB	7,177	91	2,920	4,166
NB	349	6	315	28
SK	3,536	25	2,634	877
PEI	64	0	64	0
NL	294	4	285	5
NS	1,119	65	1,036	18
YT	23	1	20	2
NT	10	0	10	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
Total	12,085,021	-	-	-
BC	877,987	-	97	24
ON	5,264,568	41,787	381	86
QC	3,217,063	-	538	82
AB	1,842,754	-	164	30
MB	272,901	-	153	16
NB	105,242	-	5	0
SK	273,520	-	32	5
PEI	46,860	60	-	-
NL	53,851	-	0	0
NS	115,726	-	0	0
YT	4,155	69	-	-
NT	6,654	18	0	0
NU	3,740	574	0	0
Rate of change	↑ 0.0%	-	-	-



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

3.1. CANADA NEWS

- [Canada quietly updates COVID-19 guidelines on risk of airborne spread](#)
- [What is a 'circuit breaker' lockdown, and should Canada consider one?](#)
- [Winnipeg police say 'time for education' over, will crack down on parties to curb COVID-19](#)
- [B.C. sets another daily record with 425 new cases of COVID-19 confirmed](#)



- [Canadian-made rapid test for COVID-19 can be transported without refrigeration](#)
- [Concern rises alongside soaring COVID cases in Alberta's care homes](#)
- [New recommendations outline who in Canada could get a COVID-19 vaccine first](#)
- [COVID-19 hospitalizations and deaths may continue to rise in coming weeks: Tam](#)

4. COVID-19 IN USA





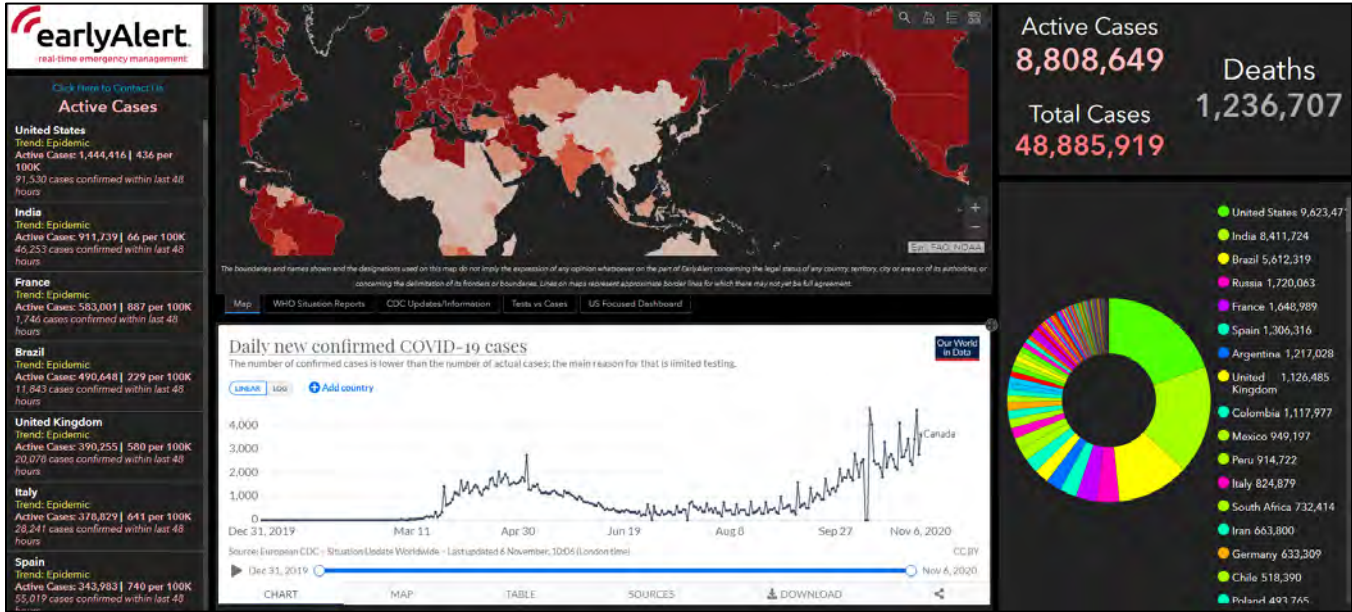
#	USA State	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Tot Cases/ 1M pop	Deaths/ 1M pop	Total Tests	Tests/ 1M pop	Population
	USA Total	9,936,304	+16,667	241,112	+157	6,342,279	3,352,913	30,019	728	153,676,995	464,277	
1	Texas	997,916		19,030		820,677	158,209	34,416	656	9,372,860	323,248	28,995,881
2	California	958,878		17,864		490,124	450,890	24,268	452	19,266,363	487,605	39,512,223
3	Florida	827,380		16,964		588,631	221,785	38,523	790	10,328,997	480,916	21,477,737
4	New York	555,710		33,770		423,079	98,861	28,566	1,736	15,195,176	781,100	19,453,561
5	Illinois	453,750		10,313		290,960	152,477	35,808	814	8,116,728	640,534	12,671,821
6	Georgia	399,625		8,578		238,461	152,586	37,639	808	4,007,152	377,413	10,617,423
7	North Carolina	285,661		4,548		246,318	34,795	27,237	434	4,214,454	401,833	10,488,084
8	Tennessee	271,771		3,509		243,492	24,770	39,796	514	3,764,081	551,177	6,829,174
9	New Jersey	252,777		16,537		183,214	53,026	28,459	1,862	4,818,052	542,440	8,882,190
10	Arizona	252,768		6,087		42,317	204,364	34,727	836	2,149,395	295,299	7,278,717
11	Wisconsin	249,924		2,194		193,369	54,361	42,924	377	2,131,737	366,125	5,822,434
12	Ohio	235,181		5,504		178,646	51,031	20,120	471	4,682,517	400,588	11,689,100
13	Pennsylvania	228,560	+2,862	9,049	+34	165,424	54,087	17,853	707	2,854,989	223,011	12,801,989
14	Michigan	218,263		7,833		121,093	89,337	21,855	784	5,532,886	554,017	9,986,857
15	Missouri	207,374	+4,499	3,282	+39	55,465	148,627	33,788	535	2,739,274	446,323	6,137,428
16	Alabama	200,714	+1,556	3,049	+23	84,471	113,194	40,935	622	1,453,319	296,403	4,903,185
17	Indiana	196,176		4,511		128,674	62,991	29,140	670	3,073,855	456,589	6,732,219
18	Virginia	188,770	+1,568	3,688		21,289	163,793	22,116	432	2,960,868	346,888	8,535,519

4.1. USA NEWS

- [Coronavirus cases exceed 100,000 in one day for the first time, even as nation is split on pandemic vs. economy](#)
- [Stocks Are Having Their Best Week Since April](#)
- [Countries are piling on record amounts of debt amid COVID-19. Here's what that means](#)
- [U.S. weekly jobless claims drop modestly; labor market recovery cooling](#)
- [Fed Says Virus Poses Considerable Risks, Maintains Low-Rate Pledges](#)
- [USA election news](#)



5. GLOBAL COMMON OPERATING PICTURE



		Total Confirmed	Total Deaths		Total Recovered			Mortality Rate		
		49,241,168	1,242,605		35,103,542			2.52%		
#	Country	Confirmed	Deaths	Recov.	Mort.	Critical	Active	Cases /1M	Active /1M	Deaths /1M
1	USA us	9,934,763 (↑15,126)	241,100 (↑145)	6,342,272	2.4%	18,160	3,351,391	29,953	10104	727
2	India in	8,432,009 (↑20,975)	125,177 (↑148)	7,784,261	1.5%	8,944	522,571	6,089	377	90
3	Brazil br	5,614,258	161,779	5,064,344	2.9%	8,318	388,135	26,347	1822	759
4	Russia ru	1,733,440 (↑20,582)	29,887 (↑378)	1,296,124	1.7%	2,300	407,429	11,876	2791	205
5	France fr	1,601,367	39,037	124,276	2.4%	4,230	1,438,052	24,514	22014	598
6	Spain es	1,365,895	38,486	n/a	2.8%	2,802	1,327,409	29,210	28387	823
7	Argentina ar	1,217,028	32,766	1,030,137	2.7%	4,713	154,125	26,842	3399	723
8	UK gb	1,123,197	48,120	n/a	4.3%	1,191	1,075,077	16,515	15808	708
9	Colombia co	1,117,977	32,209	1,011,166	2.9%	2,376	74,602	21,891	1461	631
10	Mexico mx	949,197 (↑5,567)	93,772 (↑544)	701,637	9.9%	2,600	153,588	7,335	1187	725
11	Peru pe	914,722	34,730	838,265	3.8%	1,044	41,727	27,610	1259	1,048
12	Italy it	824,879	40,192	312,339	4.9%	2,391	472,348	13,650	7816	665
13	South Africa za	732,414	19,677	671,579	2.7%	546	41,156	12,296	691	330
14	Iran ir	663,800 (↑8,664)	37,409 (↑424)	509,952	5.6%	5,495	116,439	7,868	1380	443
15	Germany de	627,960 (↑8,644)	11,248 (↑58)	402,500	1.8%	2,653	214,212	7,487	2554	134
16	Chile cl	518,390 (↑1,808)	14,450 (↑46)	494,303	2.8%	733	9,637	27,037	503	754
17	Poland pl	493,765 (↑27,086)	7,287 (↑445)	188,675	1.5%	1,703	297,603	13,052	7872	193
18	Iraq iq	493,139 (↑3,568)	11,244 (↑69)	423,266	2.3%	395	58,629	12,167	1447	277
19	Belgium be	479,341 (↑11,128)	12,520 (↑189)	27,987	2.6%	1,428	438,834	41,297	37807	1,079
20	Ukraine ua	440,188 (↑9,721)	8,125 (↑201)	195,544	1.8%	177	236,519	10,087	5420	186
21	Indonesia id	429,374 (↑3,778)	14,442 (↑94)	360,705	3.4%	n/a	54,427	1,565	198	53
22	Bangladesh bd	417,475 (↑1,468)	6,036 (↑15)	335,027	1.4%	n/a	76,412	2,526	462	37



6. LAW ENFORCEMENT AND CRIME REPORTING

- [UK Police warn public to expect tougher crackdown on Covid lockdown breaches](#)
- [B.C. man who kept leaving his home arrested, charged for repeated violations of Quarantine Act](#)
- [California authorities see increase in sexual predators targeting children online during pandemic](#)

7. TRAVEL

- [An Iowa airport has a plan to screen passengers for the coronavirus. It's being held up by the FAA](#)
- [Cruising won't resume in U.S. waters until 2021, with lines renewing a voluntary suspension](#)
- [In COVID clampdown, China bars travelers from Britain, France, India](#)

8. SOLUTION AND RESPONSE EFFORTS

- [Delivery timetable for Oxford/AstraZeneca vaccine slips, UK official says](#)
- [Masks Work. Really. We'll Show You How](#)
- [WHO-led COVID drug scheme doubles down on antibodies, steroids and shuns Remdesivir](#)

9. MEDICAL INFORMATION

- [Expert tips on how to stay mentally healthy this winter](#)
- [Polypropylene is now recommended in masks. Should I be concerned? Your mask questions answered](#)
- [Heart inflammation from COVID-19 less common than thought](#)

10. INTERNATIONAL DATA

- [WHO warns of 'explosion' of virus cases in Europe](#)
- [COVID-19 vaccination intent is decreasing globally](#)
- [India's virus cases jump on New Delhi resurgence](#)
- [Australia has almost eliminated the coronavirus — by putting faith in science](#)
- [France, Germany and England impose new lockdowns as Covid cases soar](#)
- [Greece orders nationwide lockdown to curb COVID surge](#)

11. ECONOMIC IMPACT

- [Bank of England ramps up stimulus again to tackle COVID-19 and Brexit hit](#)
- [Why the Stock Market Can Thrive Even Without More Stimulus](#)
- [Canada's job gains set to stall in October on business closures](#)
- [A second coronavirus wave upends Europe's economic recovery](#)
- [Small UK shops better at surviving virus than big ones](#)
- [Exit poll: Americans are deeply divided on COVID-19 and the economy](#)

12. CYBER NEWS

- [Covid-19-related cyber attacks surge 605% in Q2: McAfee](#)
- [Threat intelligence vs. the rise in sophisticated ransomware](#)
- [Two-Thirds of Financial Services Firms Suffered Cyber-Attack in the Past Year](#)

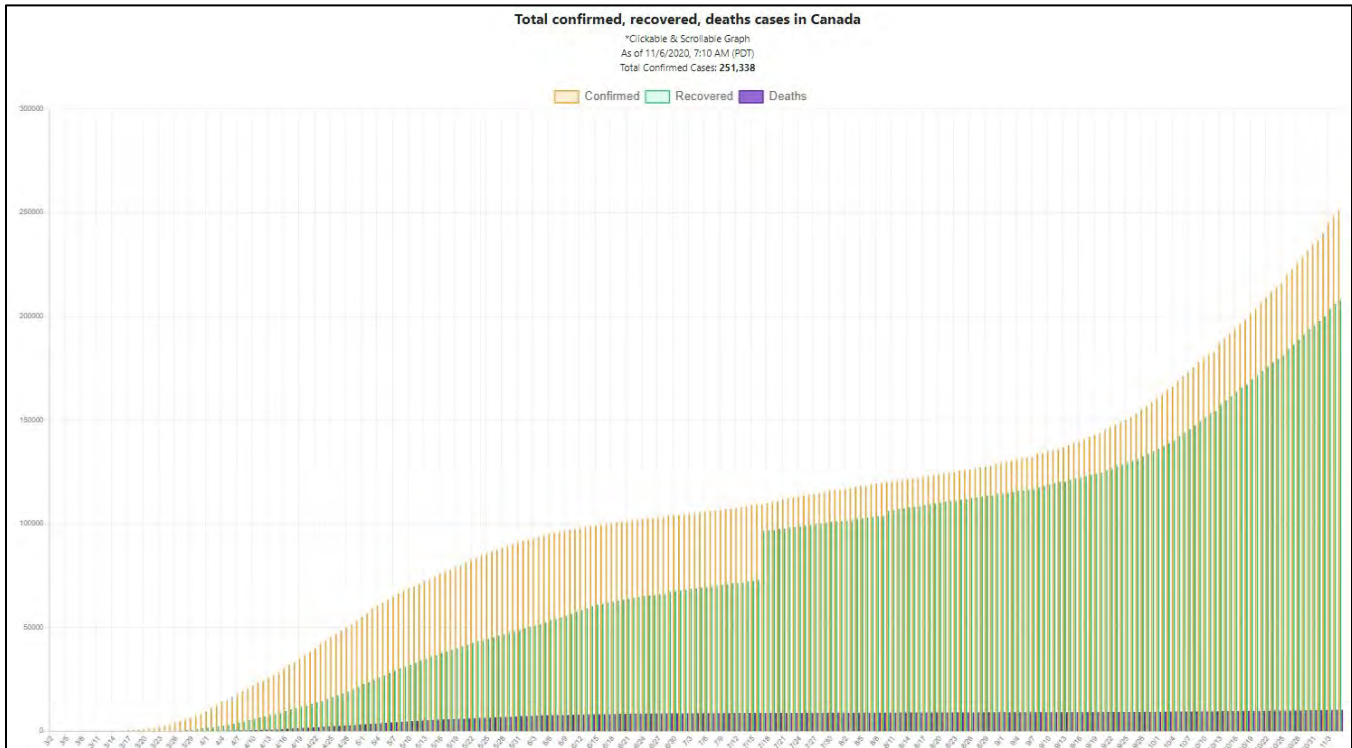
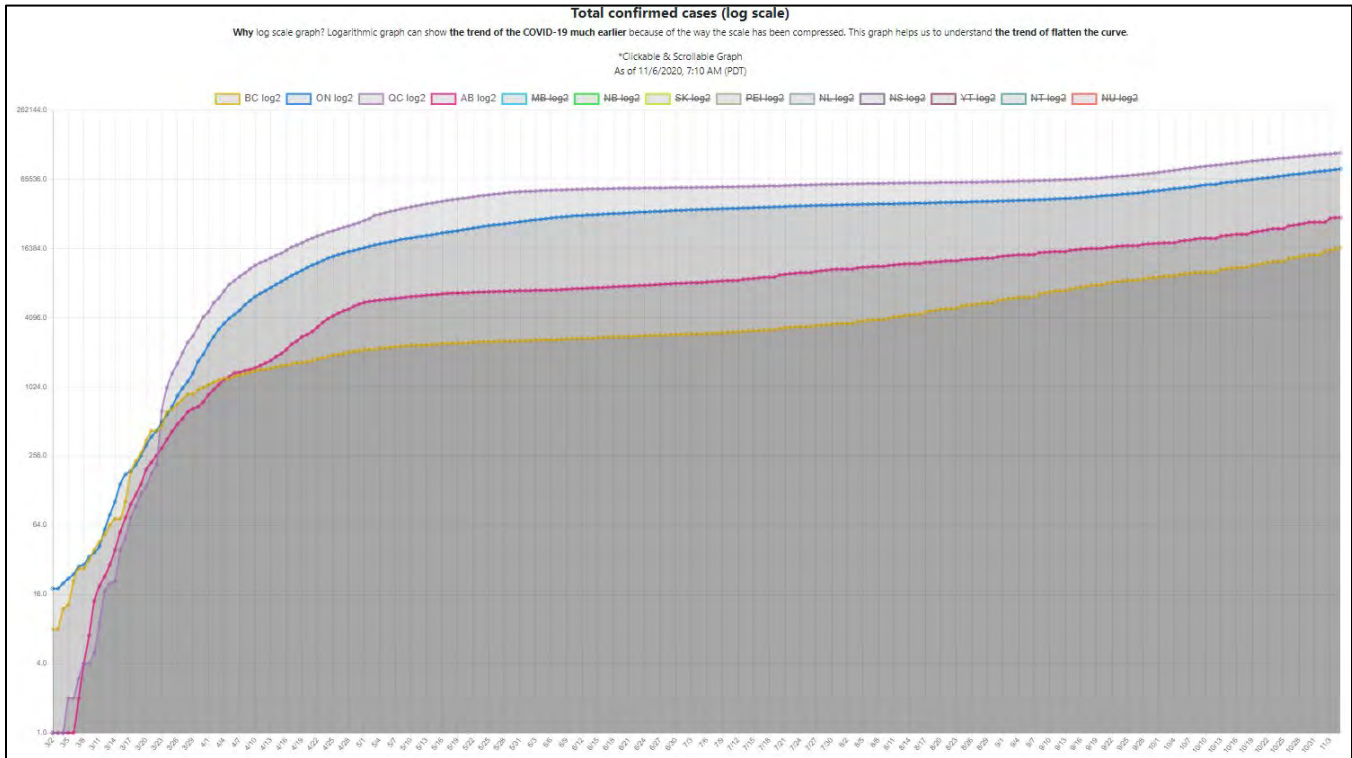


End Report

Please submit feedback to:

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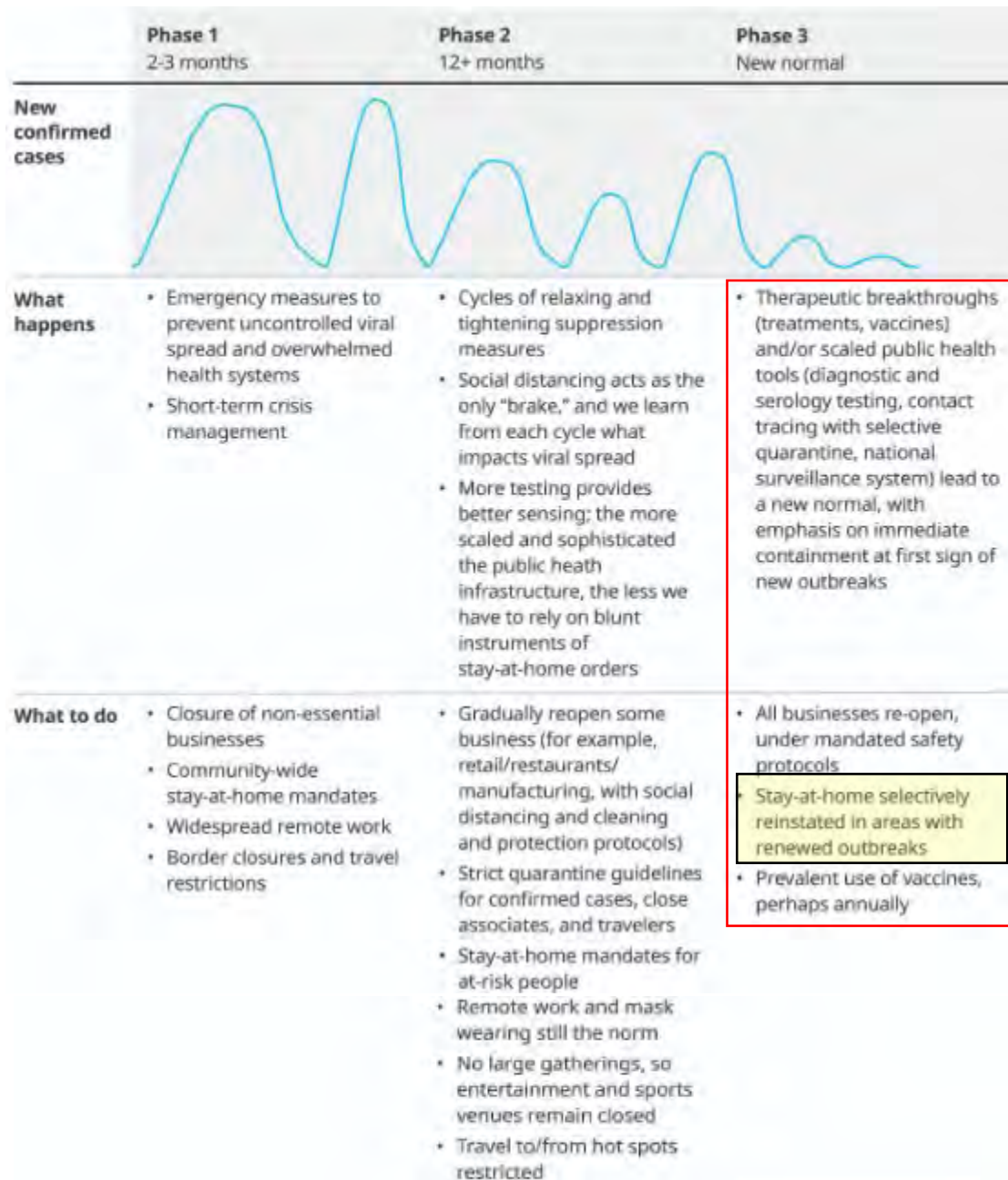
13. APPENDIX A – Canadian Tracking Information



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>



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