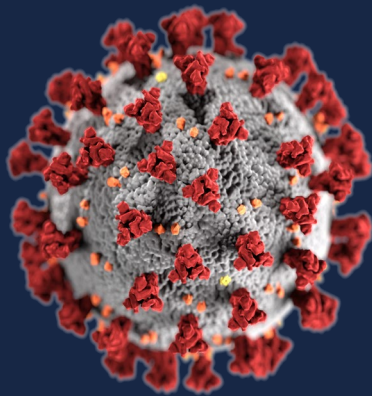




**Paladin  
Risk Solutions**



# **COVID-19**

## **INTELLIGENCE REPORT**

**Prepared for:**

Paladin Security Group  
Emergency Operations Centre

**21 August 2020**



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	Confirmed	Deaths	Recovered	Active
<b>Canada</b>	<b>124,004</b> (↑131)	<b>9,057</b> (↑3)	<b>110,394</b> (↑106)	<b>4,553</b> (↑22)
<b>USA</b>	<b>5,754,059</b>	<b>177,593</b>	<b>3,096,527</b>	<b>2,479,939</b>
<b>Global</b>	<b>22,921,711</b>	<b>798,178</b>	<b>15,570,088</b>	<b>6,553,445</b>

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## 2. INSIGHT and SITUATIONAL AWARENESS

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As we slowly inch towards reopening and recovery, we have stepped into a new world. With many experts suggesting it may take years even after a vaccine to get control over the pandemic, businesses must understand the needs of the “new” consumer. People are fast adapting to changed behaviors, limitations and needs, which will shape what businesses sell and how they market their services.

Post COVID-19 changes span almost every aspects of people’s lives. People are shopping more online and appear to be preferring trusted brands for their purchases. People are physically attending stores less frequently, and many have less money to spend overall. People who have spent much time away from their homes are now treating them as their castles and investing more in their residences, which have now become the locations of most of their habits, such as entertainment and exercise. On the work front, many are unemployed, and those that are not, are either working from home, or may live in a fearful work reality of catching the virus from others during work. Learning no longer takes place in person, with increases in courses available online. Travel has reduced by 80%, with many shifting to local and regional areas, causing overcrowding and traffic issues.

How has consumer behavior shifted in the face of the pandemic? According to McKinsey & Company, e-commerce has grown substantially, even in markets that have been saturated with e-commerce before the pandemic. This is also true for other mobile and contactless services, such as drive-thru restaurants, deliveries, and curbside pickup. It is believed that many groups which have not been previously exposed to online shopping will begin to increase shopping via digital means, which may cause a long-term - if not permanent, change to consumers shopping in brick and mortar stores. Therefore, businesses must adjust the way they engage with consumers as people’s behaviors change.

Post-COVID consumer behaviors likely differ by country, dependent on stimulus and emergency benefit measures. In places such as Brazil and South Africa, where benefits provided to families are not consistent across the scale, it is likely that lack of disposable income will hinder interest in luxury items. This can be seen in the substantial reduction in spending on almost all categories. Retirees in the USA may not be as affected as retirees in China, who are typically less affluent than the general population. Many consumers have been forced to buy products from brands which they have not previously purchased from, often due to supply chain interruptions of their preferred brands. Most consumers appear to be taking into account value, availability, quality or more natural sources when choosing their products.

Consumers are also assessing retailers based on safety measures, such as physical barriers and sanitation procedures. Additionally, they are more likely to choose retailers that contribute to the “caring economy”, such as those donating part of their proceeds or showcase a value-based business platform. For consumers who can afford it, many will turn to shopping local due to the effect of COVID-19 on small businesses, in an effort to strengthen the local economy and assist those who are struggling due to the pandemic.



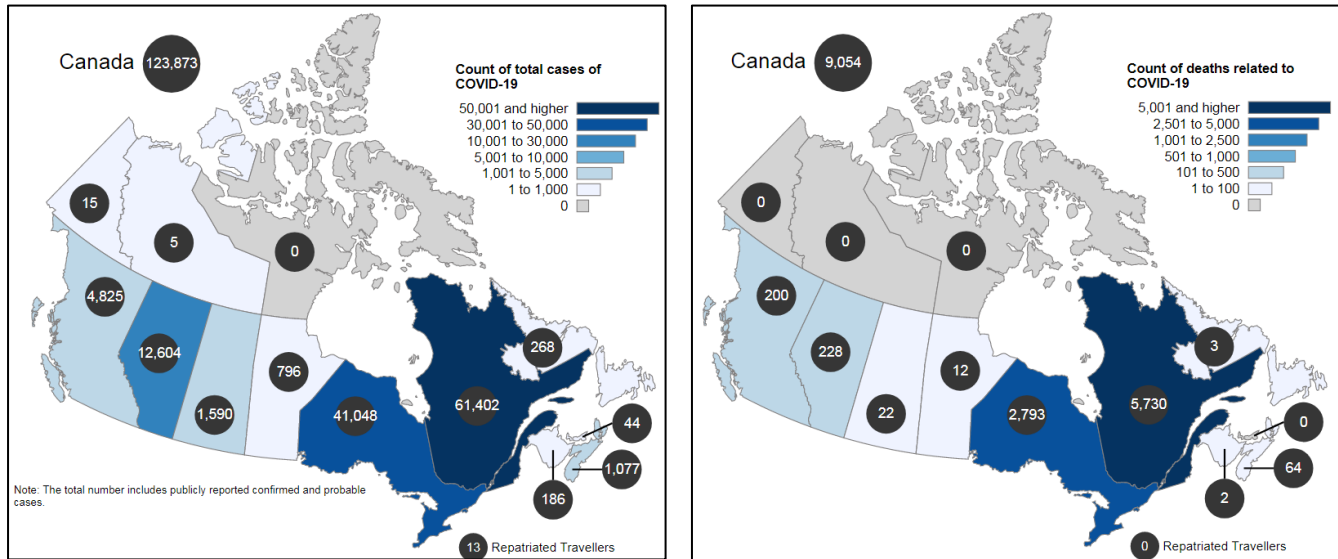
Below is an infographic which outlines the expected spending of consumers per category over the upcoming two weeks in comparison to usual.



Source: <https://www.mckinsey.com/business-functions/marketing-and-sales/our-insights/a-global-view-of-how-consumer-behavior-is-changing-amid-covid-19>



## 3. COVID-19 IN CANADA

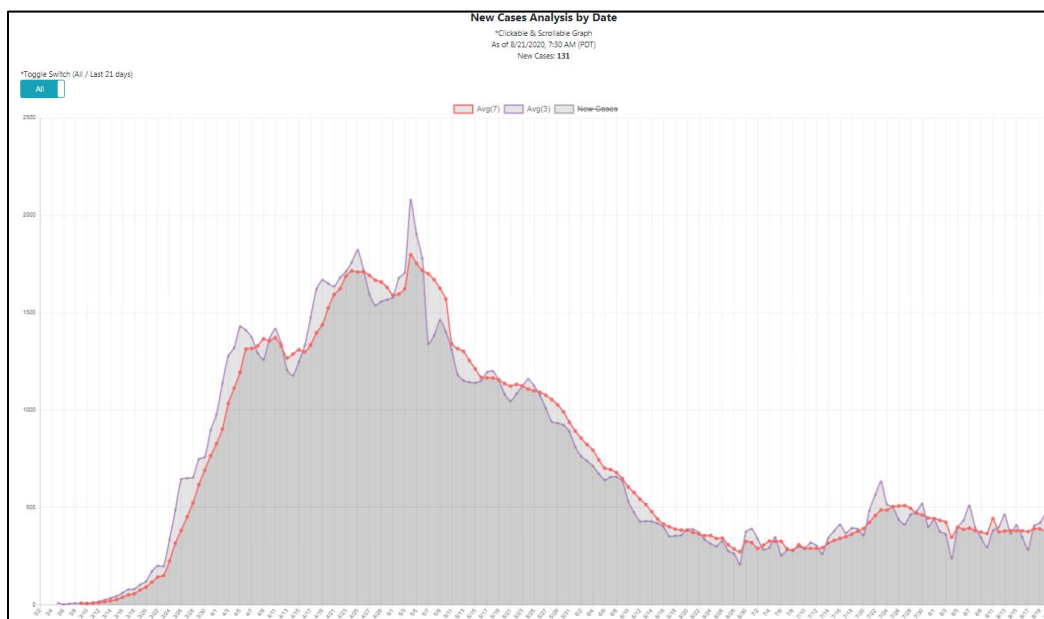


Source: <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html>

Prov. ↕	Total Confirmed ↕	Total Deaths ↕	Total Recovered ↕	Total Active ↕
<b>Total</b>	<b>124,004 (↑131)</b>	<b>9,057 (↑3)</b>	<b>110,394 (↑106)</b>	<b>4,553 (↑22)</b>
BC	4,825	200	3,845	780
ON	41,179 (↑131)	2,796 (↑3)	37,397 (↑106)	986 (↑22)
QC	61,402	5,730	54,383	1,289
AB	12,604	228	11,292	1,084
MB	796	12	537	247
NB	186	2	178	6
SK	1,590	22	1,419	149
PEI	44	0	40	4
NL	268	3	263	2
NS	1,077	64	1,007	6
YT	15	0	15	0
NT	5	0	5	0
NU	0	0	0	0



Prov.	Total Test	Total Waiting	Total Hosp	Total ICU
<b>Total</b>	<b>5,336,935 (+28,073)</b>	<b>-</b>	<b>-</b>	<b>-</b>
BC	320,989	-	11	4
ON	2,710,918 (+28073)	19941 (-2163)	35	13 (-2)
QC	1,014,486	-	146	25
AB	855,968	-	43	12
MB	119,210	-	6	2
NB	57,878	-	0	0
SK	126,624	-	5	4
PEI	22,389	60	-	-
NL	29,486	-	0	0
NS	70,839	-	1	0
YT	2,298	34	-	-
NT	3,827	128	0	0
NU	2,023	252	0	0
Rate of change	↑ 0.5%	-	-	-



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

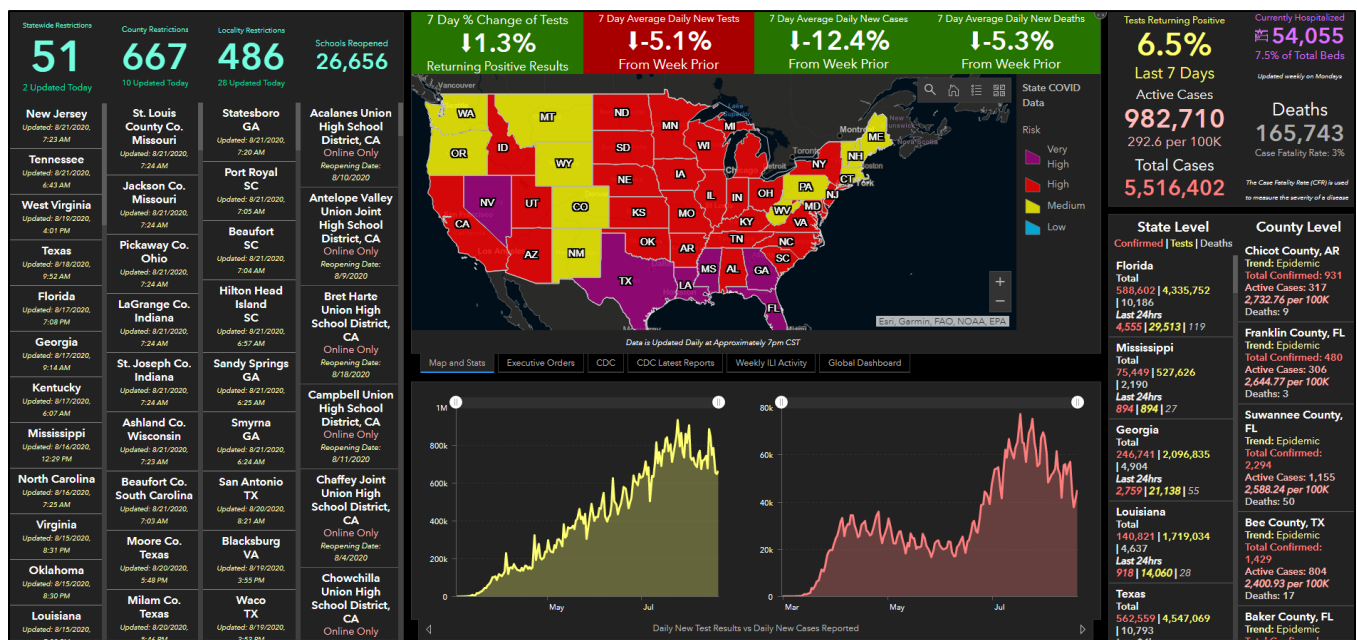
### 3.1. CANADA NEWS

- [New \\$37B COVID-19 aid package extends CERB, expands EI and adds 'recovery' benefits](#)
- [Ontario sees 76 new COVID-19 cases, but 'glitch' means data missing for 11 health units](#)



- [CRA resumes online services after cyberattacks, adds new security features](#)
- [Endless phone calls, painful conversations part of COVID contact tracing in B.C.'s hardest hit region](#)
- [Canada's inflation rate cools to just 0.1% annual pace in July](#)
- [Canada's Trudeau plans sweeping social welfare reform, sources say](#)
- [TDSB wants to centralize remote learning in a 'virtual school' as part of COVID-19 plan](#)
- [Ontario government extends COVID-19 pandemic orders until Sept. 22](#)

## 4. COVID-19 IN USA



## Coronavirus Cases

5,749,336

Deaths:

177,475

Recovered:

3,096,506

#	USA State	Total Cases	New Cases	Total Deaths	Total Recovered	Active Cases	Tot Cases/ 1M pop	Deaths/ 1M pop	Total Tests	Tests/ 1M pop	Population
	USA Total	5,749,336	+3,064	177,475	3,096,506	2,475,355	17,369	536	73,933,145	223,361	
1	<a href="#">California</a>	653,264		11,833	271,591	369,840	16,533	299	10,227,966	258,856	39,512,223
2	<a href="#">Texas</a>	590,638		10,721	438,363	141,554	20,370	370	4,937,231	170,274	28,995,881
3	<a href="#">Florida</a>	588,602		10,056	59,366	519,180	27,405	468	4,342,418	202,182	21,477,737
4	<a href="#">New York</a>	458,279		32,937	359,479	65,863	23,558	1,693	7,353,387	377,997	19,463,561
5	<a href="#">Georgia</a>	246,741		4,904	42,063	199,774	23,239	462	2,358,244	222,111	10,617,423
6	<a href="#">Illinois</a>	215,053		8,044	148,827	58,182	16,971	635	3,541,183	279,453	12,671,821
7	<a href="#">Arizona</a>	196,280		4,684	28,471	163,125	26,966	644	1,372,353	188,543	7,278,717
8	<a href="#">New Jersey</a>	194,461		16,037	158,664	19,760	21,893	1,806	2,585,207	291,055	8,882,190
9	<a href="#">North Carolina</a>	150,847		2,487	127,749	20,611	14,383	237	2,003,307	191,008	10,488,084
10	<a href="#">Louisiana</a>	140,821		4,637	118,120	18,064	30,292	997	1,719,034	369,781	4,648,794
11	<a href="#">Tennessee</a>	139,175		1,488	100,967	36,720	20,379	218	1,949,404	285,452	6,829,174
12	<a href="#">Pennsylvania</a>	131,736		7,633	101,552	22,551	10,290	596	1,517,425	118,530	12,801,989
13	<a href="#">Massachusetts</a>	124,728		8,888	102,205	13,635	18,096	1,290	1,689,197	245,077	6,892,503
14	<a href="#">Alabama</a>	112,449		1,974	44,684	65,791	22,934	403	891,813	181,884	4,903,185
15	<a href="#">Ohio</a>	112,023		3,932	91,656	16,435	9,584	336	1,905,419	163,008	11,689,100

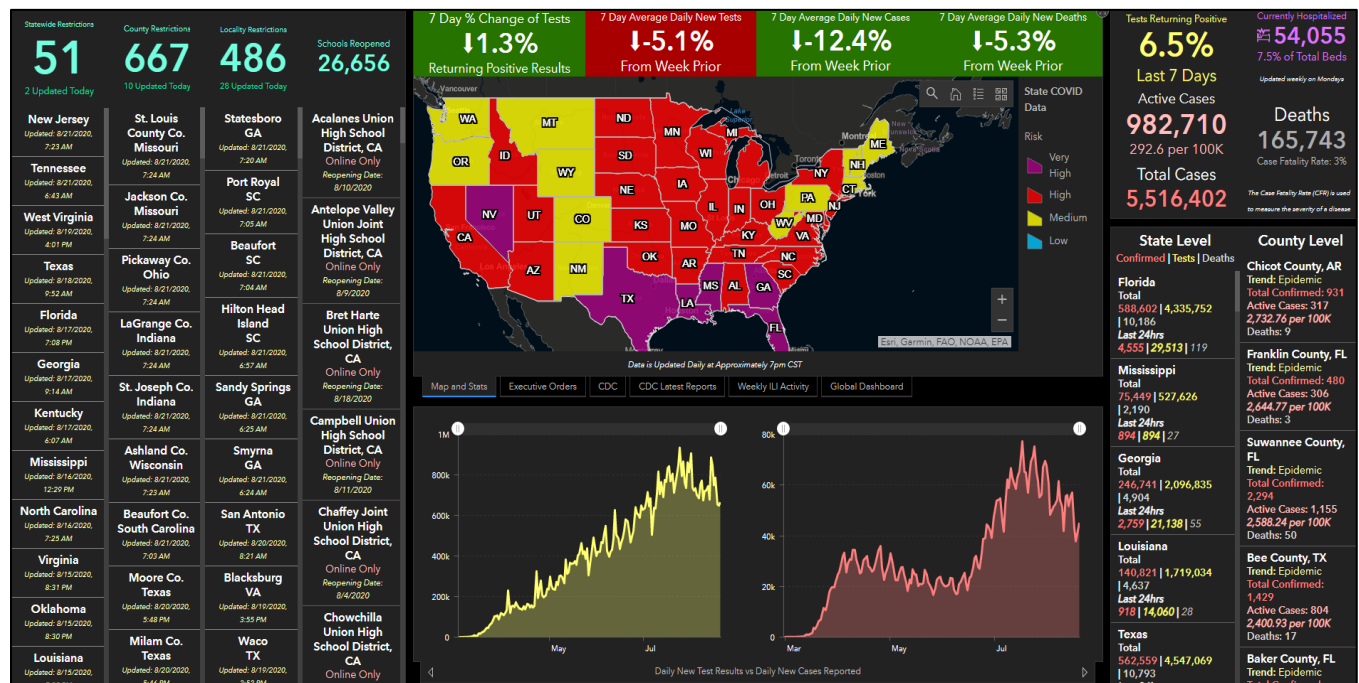




## 4.1. USA NEWS

- [Initial jobless claims rise above 1 million again, after two weeks of declines](#)
- [New York Gov. Cuomo warns NYC restaurants may have to close again in the fall](#)
- [Covid-19 vaccine won't be mandatory in US, says Anthony Fauci](#)
- [Nearly 600 Miami-Dade County Public Schools employees have tested positive for COVID-19](#)
- [How miscommunication and selfishness hampered America's COVID-19 response](#)
- [New York teachers threaten strike if schools reopen without more COVID-19 testing](#)
- [American Airlines will suspend flights to 15 U.S. cities amid aid debate](#)
- [COVID-19 is now the No. 3 cause of death in the U.S. But testing to find and isolate cases has dropped off](#)

## 5. GLOBAL COMMON OPERATING PICTURE







		Total Confirmed	Total Deaths	Total Recovered			Mortality Rate		
		22,914,234	797,941	15,559,163			3.48%		
#	Country	Confirmed	Deaths	Recov.	Mort.	Critical	Active	Cases /1M	Deaths /1M
1	USA US	5,749,252 (+2,980)	177,471 (+47)	3,096,376	3.1%	16,812	2,475,405	17,355	n/a
2	Brazil BR	3,505,097	112,423	2,653,407	3.2%	8,318	739,267	16,474	n/a
3	India IN	2,925,337 →(+21,008)	55,174 (+199)	2,175,492	1.9%	8,944	694,671	2,117	n/a
4	Russia RU	946,976 (+4,870)	16,189 (+90)	761,330	1.7%	2,300	169,457	6,489	n/a
5	South Africa ZA	599,940	12,618	497,169	2.1%	539	90,153	10,098	n/a
6	Peru PE	567,059	27,034	380,730	4.8%	1,519	159,295	17,166	n/a
7	Mexico MX	543,806 →(+6,775)	59,106 (+625)	371,638	10.9%	3,503	113,062	4,212	n/a
8	Colombia CO	513,719	16,183	339,124	3.2%	1,493	158,412	10,081	n/a
9	Spain ES	404,229	28,813	n/a	7.1%	522	375,416	8,645	n/a
10	Chile CL	391,849	10,671	366,063	2.7%	1,077	15,115	20,474	n/a
11	Iran IR	354,764 (+2,206)	20,376 (+112)	305,866	5.7%	3,794	28,522	4,216	n/a
12	UK GB	322,280	41,403	n/a	12.8%	→ 70	280,877	4,744	n/a
13	Argentina AR	320,884	6,517	233,651	2.0%	1,832	80,716	7,091	n/a
14	Saudi Arabia SA	305,186 (+1,213)	3,580 (+32)	277,067	1.2%	1,675	24,539	8,748	n/a
15	Pakistan PK	291,588 (+630)	6,219 (+10)	273,579	2.1%	722	11,790	1,317	n/a
16	Bangladesh BD	290,360 (+2,401)	3,861 (+39)	172,615	1.3%	n/a	113,884	1,761	n/a
17	Italy IT	256,118	35,418	204,686	13.8%	68	16,014	4,237	n/a
18	Turkey TR	254,520	6,058	234,797	2.4%	735	13,665	3,013	n/a
19	Germany DE	231,389 (+105)	9,325 (+1)	205,800	4.0%	231	16,264	2,760	n/a
20	France FR	229,814	30,480	84,065	13.3%	384	115,269	3,520	n/a
21	Iraq IQ	192,797	6,208	137,200	3.2%	614	49,389	4,779	n/a
22	Philippines PH	182,365 (+4,786)	2,940 (+59)	114,519	1.6%	717	64,906	1,661	n/a
23	Indonesia ID	149,408 (+2,197)	6,500 (+82)	102,991	4.4%	n/a	39,917	545	n/a
24	Canada CA	124,004 →(+131)	9,057 (+3)	110,394	7.3%	→ 61	4,531	3,272	n/a

## 6. LAW ENFORCEMENT AND CRIME REPORTING

- [Thermal Imaging Camera Detects '200 People' At Illegal UK Lockdown House Party](#)
- [Assaults on officers soared during lockdown, new figures from Met Police reveal](#)
- [NYPD creates Asian Hate Crimes Task Force after spike in verbal, physical assaults amid pandemic](#)

## 7. TRAVEL

- [COVID-19 state-level travel restrictions in the US](#)
- [American charged under Quarantine Act amid accusations he ignored pandemic safety rules in Banff](#)
- [Is This The Ultimate Tool For Navigating COVID-19 Air Travel?](#)

## 8. SOLUTION AND RESPONSE EFFORTS

- [Facebook funnelling readers towards Covid misinformation - study](#)
- [Surprising COVID-19 side effect: More companies adopt the 4-day workweek](#)
- [Cleared by doctors, but not by the public: After COVID-19, survivors face stigma](#)
- [Kids are bigger coronavirus spreaders than many doctors realized, and here's how schools can lower the risk](#)

## 9. MEDICAL INFORMATION

- [Fitbit posts early findings showing its trackers can identify cases of COVID-19 before symptoms take hold](#)



- [Modeling the Onset of Symptoms of COVID-19](#)
- [F.D.A.'s Emergency Approval of Blood Plasma Is Now on Hold](#)
- [Researchers show children are silent spreaders of virus](#)

## 10. INTERNATIONAL DATA

- [Germany, Spain record highest daily coronavirus infection rate since April as cases surge across Europe](#)
- [Sweden records highest death tally in 150 years in first half of 2020](#)
- ['India could surpass US COVID-19 numbers'](#)
- [Brazil sees early signs coronavirus spread is slowing](#)
- [Mexico officials says coronavirus cases are on a 'sustained decline'](#)

## 11. ECONOMIC IMPACT

- [World Bank: Covid-19 pushes poorer nations 'from recession to depression'](#)
- [How did the stock market hit record amid COVID-19 fueled recession? What experts say about the rebound](#)
- [These 5 Real Estate Trends Have Emerged From COVID-19](#)
- [Struck by the pandemic, B.C. tech companies keep hiring](#)
- [Working mothers are quitting to take care of their kids, and the US job market may never be the same](#)

## 12. CYBER NEWS

- [New data from Microsoft shows how pandemic is accelerating the digital transformation of cyber-security](#)
- [Imperva Research Labs Records Largest DDoS Attacks of the Year as COVID-19 Shutdowns Continue](#)
- [Working from home causes surge in security breaches, staff 'oblivious' to best practices](#)

End Report

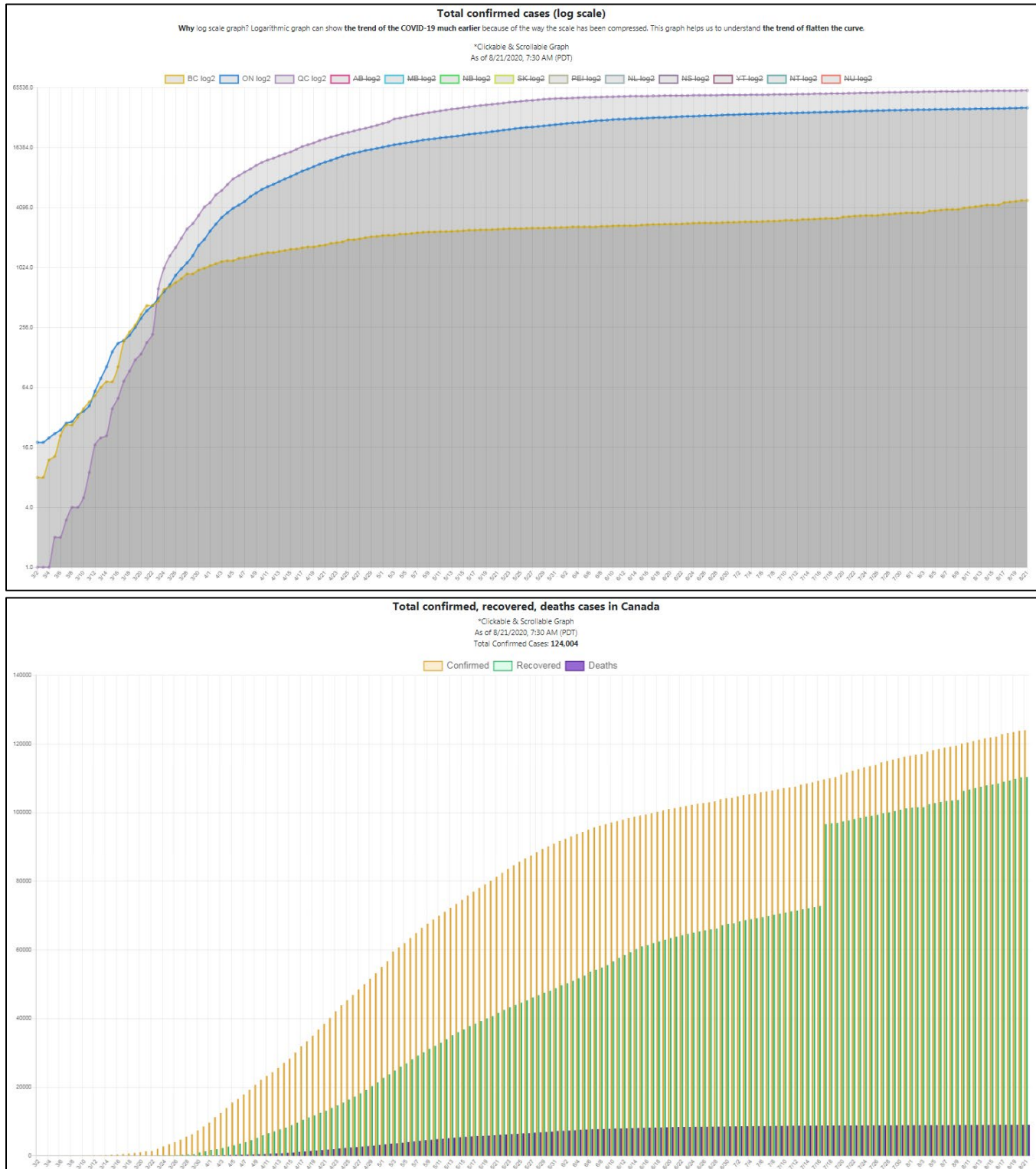
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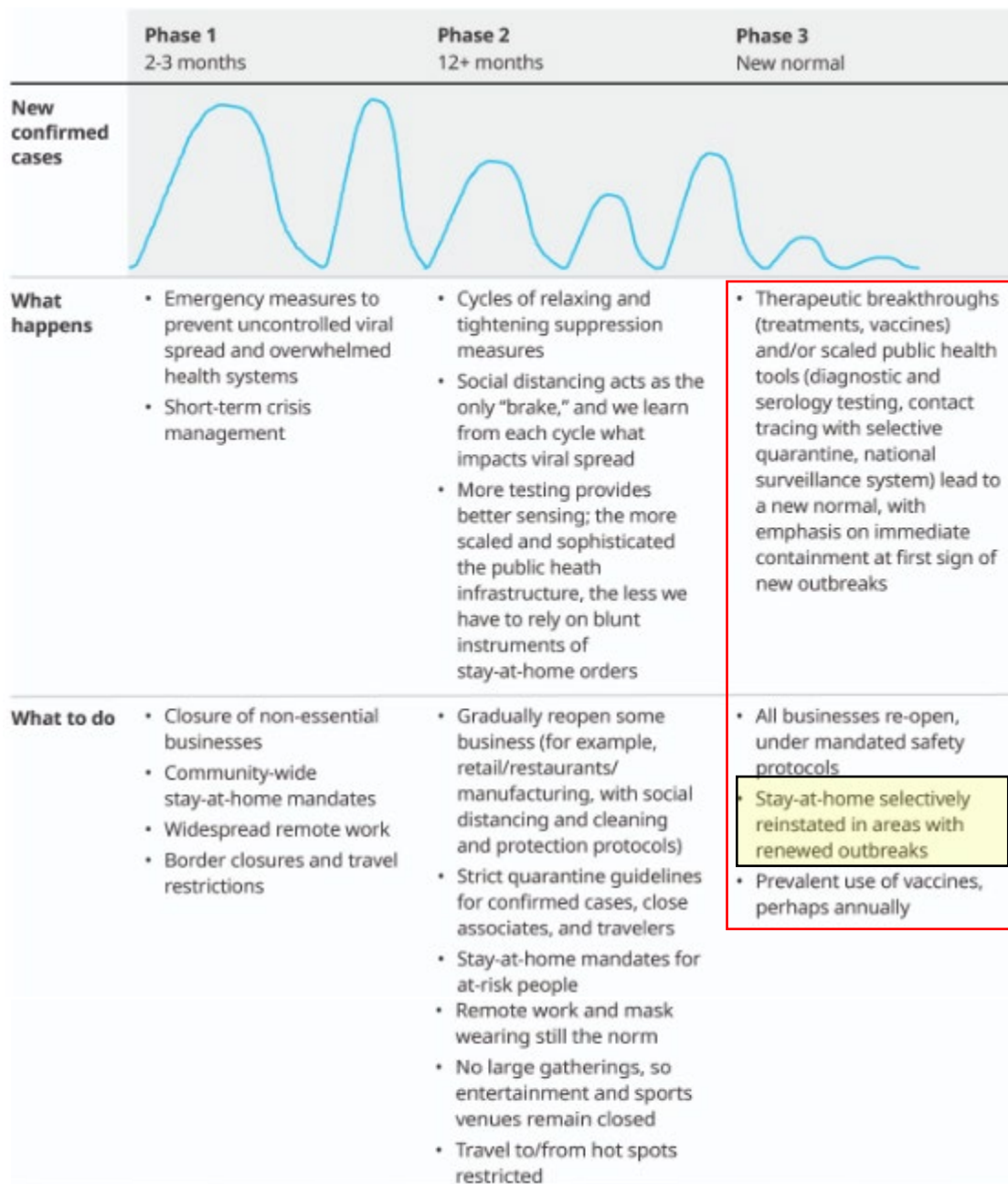
### 13. APPENDIX A – Canadian Tracking Information



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>