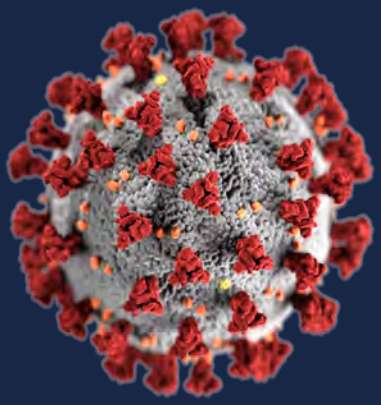
Paladin
Risk Solutions



COVID-19

INTELLIGENCE REPORT

Prepared for:

Paladin Security Group
Emergency Operations Centre

18 August 2020

1. TABLE OF CONTENTS

2. INSIGHT and SITUATIONAL AWARENESS →Click here to access previous featured reports 2
3. COVID-19 IN CANADA 3
3.1. CANADA NEWS 5
4. COVID-19 IN USA 5
4.1. USA NEWS 6
5. GLOBAL COMMON OPERATING PICTURE 7
6. LAW ENFORCEMENT AND CRIME REPORTING 8
7. TRAVEL 8
8. SOLUTION AND RESPONSE EFFORTS 8
9. MEDICAL INFORMATION 8
10. INTERNATIONAL DATA 8
11. ECONOMIC IMPACT 8
12. CYBER NEWS 8
13. APPENDIX A – Canadian Tracking Information 10
14. APPENDIX B – Phase 1 to 3: Progression on Managing COVID-19 Pandemic 11

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.

#201-3001 WAYBURNE DRIVE, BURNABY, BC V5G 4W3 // TEL 778-807-5660 // PALADINRISKSOLUTIONS.COM

2. INSIGHT and SITUATIONAL AWARENESS

→Click here to access previous featured reports

Over the weekend, the Government of Canada advised that the Canadian Revenue Agency and its GCKey system had been the victim of a cyberattack. The GCKey system is used by 30 Canadian federal agencies and assists with allowing Canadians access to various services including Employment and Social Development Canadas' "My Service Canada" account, as well as the "Immigration, Refugees, and Citizenship Canada" account. This affected the ability of individuals to apply for the Canada Emergency Response Benefit (CERB) or the Canada Emergency Student Benefit. Canadians have been reporting for weeks now that some have had their CRA accounts hacked, with emails, addresses and other information changed. Approximately 5,500 accounts have been identified as being separately affected by a breach, thus far.

The breach occurred via a method called "credential stuffing", where attacks are completed using passwords and usernames which were obtained from previous data breaches. Various websites, both on the regular and dark web, display usernames and emails and their respective passwords without a need for any special equipment or skills to locate. Some of the passwords are old, while others may have been recycled by its users. On the dark web, stolen credentials are often traded, with an average price of a password for a Facebook profile at $74.50, Instagram at $55.45 and Twitter for $49. A Gmail account is more prized, averaging about $155.73, as password resets for other platform are often received via one's email address. PayPal accounts are often exchanged for hundreds of dollars, as they are able to facilitate money transfers or money laundering without detection by authorities.

Additionally, hackers can used old passwords to extort users, leveraging it to appear more legitimate as they have the user's passwords. Users often panic and may pay the ransom, or are tricked into sending compromising information, which often does not stop the attack. According to FireEye, 91% of cybercrimes begin with an email, and email scans cost businesses approximately $1.7 billion in 2019.

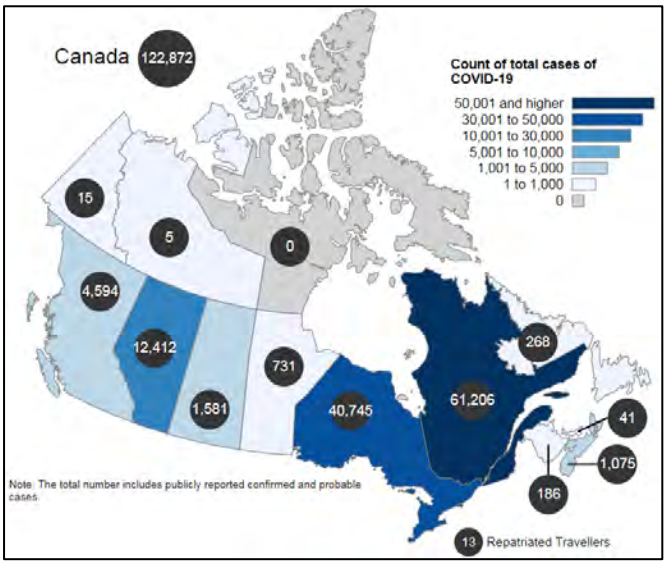
Most people appear to be OK with giving out their email address and other personal identifying information to private and public companies, with no forethought on how their information is being stored. Theft of personal identifying information may lead to identity theft and other fraudulent activities. Data breaches have occurred to all types of companies, with some of the bigger names including LinkedIn, Yahoo, Adobe, Equifax, LifeLabs, and My Fitness Pal. Approximately 3.5 billion users have been affected, with many incidents affecting hundreds of millions of people at once.

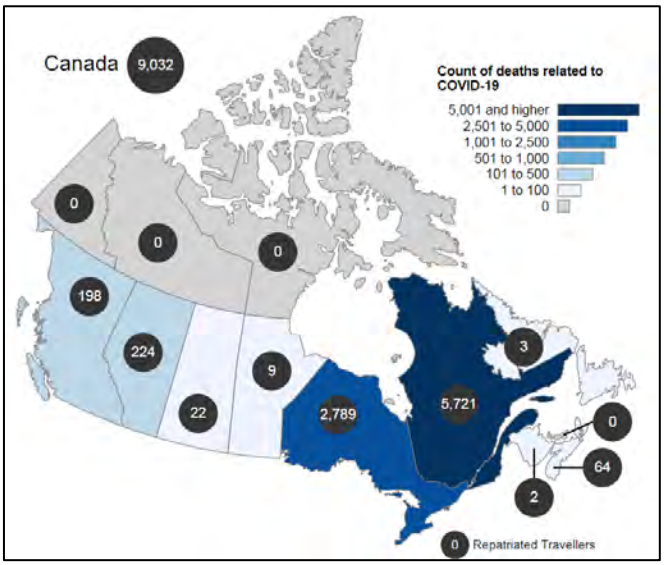
Furthermore, the thought of employees of these companies breaching data also does not come to mind for most; however, such incidents happen and likely more often than is known. In 2019, a Yahoo employee using backend tools and cracked passwords hacked into 6,000 accounts for sexual images of young women, including those of friends and colleagues. He additionally utilized the information to obtain access to accounts in iCloud and Dropbox. He was sentenced to no jail time, and instead he received probation and house arrest for five years, a $5,000 fine and reimbursing the hacked email provider with $118,000. Tools such as encrypted emails may provide more security for those concerned about their online footprint.

#201-3001 WAYBURNE DRIVE, BURNABY, BC V5G 4W3 // TEL 778-807-5660 // PALADINRISKSOLUTIONS.COM

NOTE: To find out whether any of your email addresses have been breached online, click here for a database of breached emails. If your email is on the list, take the time to change all your passwords to newer and stronger ones, unique to each platform.

3. COVID-19 IN CANADA

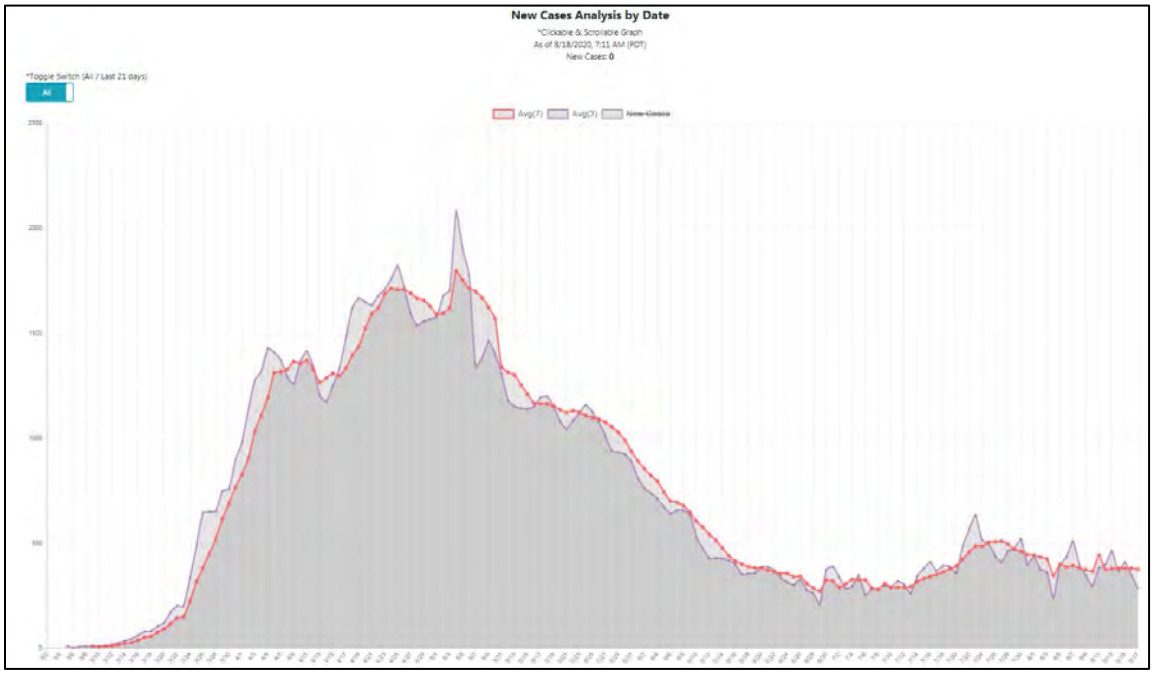




Source: https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html

Prov.	Total Confirmed	Total Deaths	Total Recovered	Total Active
Total	**122,872**	**9,032**	**109,059**	**4,781**
BC	4,594	198	3,653	743
ON	40,745	2,789	37,036	920
QC	61,206	5,721	53,930	1,555
AB	12,412	224	11,056	1,132
MB	731	9	490	232
NB	186	2	169	15
SK	1,581	22	1,387	172
PEI	41	0	36	5
NL	268	3	263	2
NS	1,075	64	1,007	4
YT	15	0	14	1
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
Total	**5,163,109**	-	-	-
BC	310,960	-	4	3
ON	2,608,219	15076	32	16
QC	989,421	-	145	25
AB	829,622	-	45	10
MB	115,963	-	11	3
NB	56,960	-	0	0
SK	123,288	-	8	4
PEI	22,389	60	-	-
NL	28,668	-	0	0
NS	69,713	-	0	0
YT	2,156	58	-	-
NT	3,727	78	0	0
NU	2,023	252	0	0
Rate of change	↑ **0.0%**	-	-	-

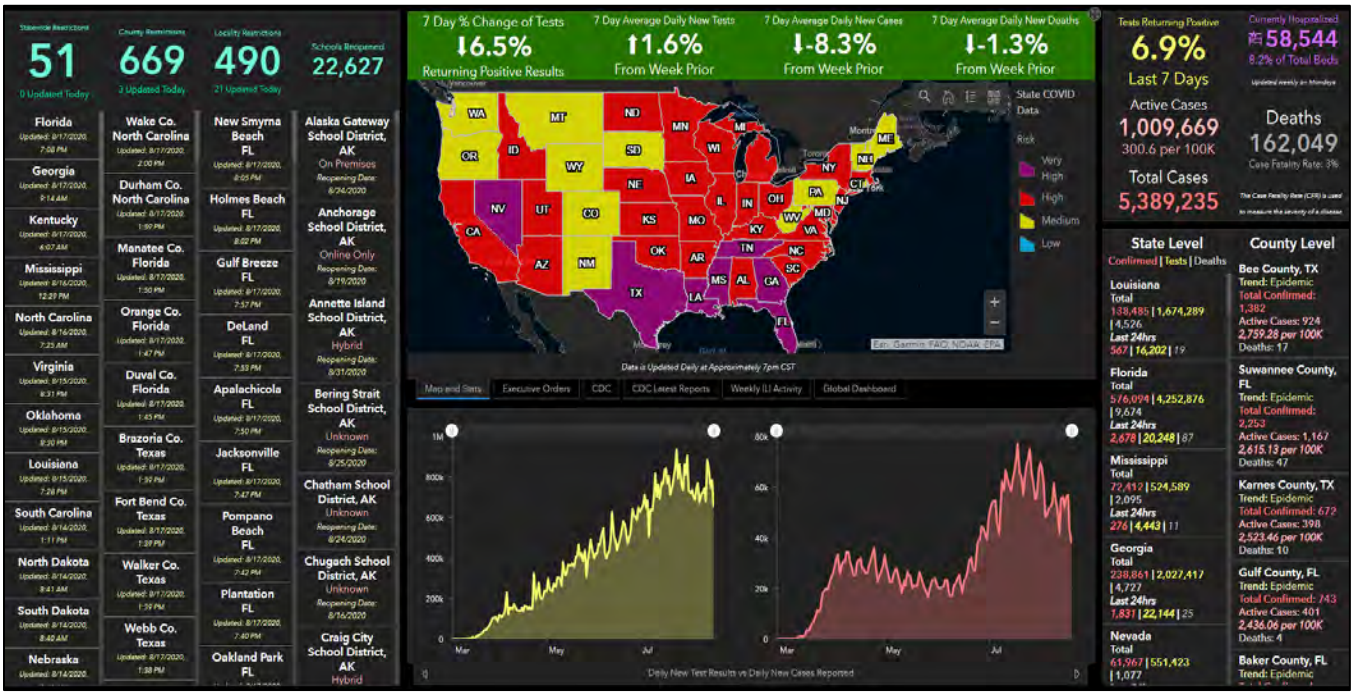


Source: https://www.covid-19canada.com

3.1. CANADA NEWS

- Cyberattacks that targeted Government of Canada online services brought under control, officials say
- Another group of international flights land in Canada with COVID-19 patients
- Visits are happening again at long-term care homes in B.C. This is what they look like
- Supply teachers say bouncing between schools amid COVID-19 pandemic could put staff, students at risk
- Ontario records fewer than 100 new COVID-19 cases for second straight day
- B.C. hits highest ever count for active COVID-19 cases after confirming 236 new infections over weekend
- Ventilator supply increases as Tam warns of possible COVID-19 surge
- One in five Canadians make no efforts to curb viral spread
- Quebec reports 55 new COVID-19 cases, one new death
- 3 more deaths, as Alberta adds 359 new cases of COVID-19 over the weekend

4. COVID-19 IN USA



Coronavirus Cases

5,613,357

Deaths:

173,778

Recovered:

2,974,788

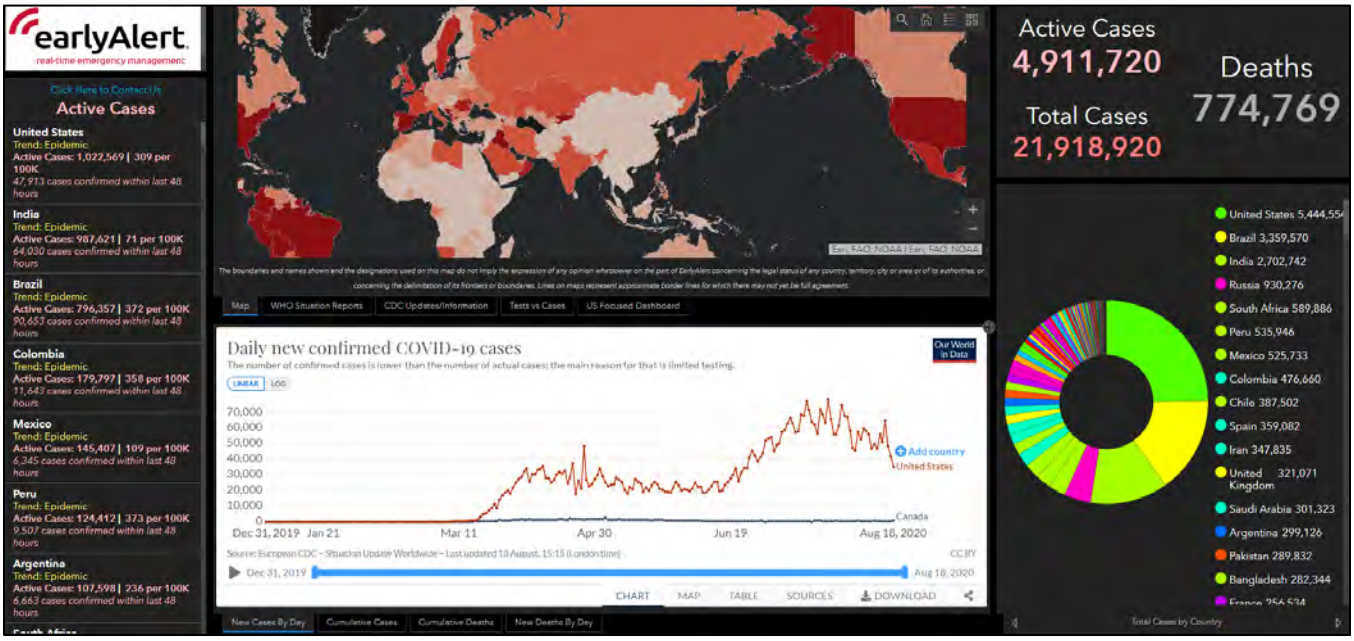
USA State	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Tot Cases/ 1M pop	Deaths/ 1M pop	Total Tests	Tests/ 1M pop	Population
USA Total	5,613,357	+1,330	173,778	+62	2,974,788	2,464,791	16,959	525	71,690,720	216,587	
California	635,070		11,343		267,281	366,446	16,073	287	9,933,780	251,410	39,512,223
Florida	576,094		9,541		55,479	511,074	26,823	444	4,269,673	198,325	21,477,737
Texas	571,617		10,120		405,817	155,680	19,714	349	4,845,105	167,096	28,995,881
New York	456,118		32,920		355,500	67,698	23,447	1,692	7,125,087	366,261	19,453,561
Georgia	238,861		4,727		40,451	193,683	22,497	445	2,285,164	215,228	10,617,423
Illinois	209,186		7,967		147,364	53,855	16,508	629	3,405,097	268,714	12,671,821
Arizona	194,005		4,506		27,800	161,699	26,654	619	1,349,757	185,439	7,278,717
New Jersey	193,645		16,021		157,674	19,950	21,801	1,804	2,511,070	282,708	8,882,190
North Carolina	145,994		2,377		127,749	15,868	13,920	227	1,935,742	184,566	10,488,084
Louisiana	138,485		4,526		103,612	30,447	29,789	974	1,674,289	360,156	4,648,794
Tennessee	134,744		1,387		94,812	38,545	19,731	203	1,868,761	273,644	6,829,174
Pennsylvania	129,686		7,557		98,626	23,503	10,130	590	1,463,829	114,344	12,801,989
Massachusetts	123,841		8,842		100,486	14,513	17,967	1,283	1,630,670	236,586	6,892,503
Ohio	109,081		3,837		87,764	17,480	9,332	328	1,843,274	157,692	11,689,100

4.1. USA NEWS

- Yale's COVID-19 saliva test used in NBA gets FDA emergency approval
- U.S. CDC reports 169,350 deaths from coronavirus
- Americans don't want yearlong leases amid the pandemic, neither do landlords
- Coronavirus forces UNC to abandon in-person classes after one week
- COVID-19 testing numbers drops, causing concern
- COVID-19 forces some U.S. schools to close, as new cases remain high in most states
- Trump says he's looking at unproven Covid-19 therapeutic
- New York Gov. Cuomo warns of 'difficult' flu season as coronavirus spreads throughout U.S.
- Texas officials blame coding errors and a system update for recent COVID-19 testing data issues

#201-3001 WAYBURNE DRIVE, BURNABY, BC V5G 4W3 // TEL 778-807-5660 // PALADINRISKSOLUTIONS.COM

5. GLOBAL COMMON OPERATING PICTURE



		Total Confirmed	Total Deaths			Total Recovered		Mortality Rate		
		22,111,240	778,506			14,848,447		3.52%		
#	Country	Confirmed	Deaths	Recov.	Mort.	Critical	Active	Cases /1M	Active /1M	Deaths /1M
1	USA US	5,613,357 (↑1,330)	173,778 (↑62)	2,974,788	3.1%	17,291	2,464,791	16,946	7441	525
2	Brazil BR	3,363,235	108,654	2,478,494	3.2%	8,318	776,087	15,808	3648	511
3	India IN	2,732,218 (↑30,614)	52,280 (↑355)	2,005,215	1.9%	8,944	674,723	1,977	488	38
4	Russia RU	932,493 (↑4,748)	15,872 (↑132)	742,628	1.7%	2,300	173,993	6,389	1192	109
5	South Africa ZA	589,886	11,982	477,671	2.0%	539	100,233	9,930	1687	202
6	Peru PE	541,493	26,461	370,717	4.9%	1,524	144,295	16,394	4369	802
7	Mexico MX	525,733 (↑3,571)	57,023 (↑266)	359,347	10.8%	3,536	109,363	4,072	847	442
8	Colombia CO	476,660	15,372	301,525	3.2%	1,493	159,763	9,355	3136	302
9	Chile CL	387,502	10,513	360,385	2.7%	1,177	16,604	20,248	868	549
10	Spain ES	382,142	28,646	n/a	7.5%	617	353,496	8,173	7560	613
11	Iran IR	347,835 (↑2,385)	19,972 (↑168)	300,881	5.7%	3,882	26,982	4,134	321	237
12	UK GB	319,197	41,369	n/a	13.0%	73	277,828	4,699	4090	609
13	Saudi Arabia SA	301,323 (↑1,409)	3,470 (↑34)	272,911	1.2%	1,716	24,942	8,638	715	99
14	Argentina AR	299,126	5,814	217,850	1.9%	1,749	75,462	6,611	1668	128
15	Pakistan PK	289,832 (↑617)	6,190 (↑15)	270,009	2.1%	759	13,633	1,309	62	28
16	Bangladesh BD	282,344 (↑3,200)	3,740 (↑46)	162,825	1.3%	n/a	115,779	1,712	702	23
17	Italy IT	254,235	35,400	203,968	13.9%	58	14,867	4,206	246	586
18	Turkey TR	250,542	5,996	231,971	2.4%	686	12,575	2,967	149	71
19	Germany DE	227,217 (↑531)	9,300 (↑4)	202,900	4.1%	224	15,017	2,711	179	111
20	France FR	219,029	30,429	84,065	13.9%	384	104,535	3,355	1601	466
21	Iraq IQ	180,133	5,954	128,945	3.3%	605	45,234	4,466	1122	148
22	Philippines PH	169,213 (↑4,836)	2,687 (↑6)	112,861	1.6%	489	53,665	1,542	489	24
23	Indonesia ID	143,043 (↑1,673)	6,277 (↑70)	96,306	4.4%	n/a	40,460	522	148	23
24	Canada CA	122,872	9,032	109,059	7.4%	67	4,781	3,242	127	238

6. LAW ENFORCEMENT AND CRIME REPORTING

- Inmate populations decline across Canada amid coronavirus pandemic
- ISIS accused of selling fake PPE online to finance terrorism
- Thunder Bay Police accessed provincial COVID-19 database 14,800 times

7. TRAVEL

- U.S. airlines try to convince wary public to fly amid coronavirus uptick
- Air Canada promoting 'leisure' travel to U.S. despite advisories warning against non-essential trips
- Airline stocks hit hard as rising COVID-19 cases offsets new high in travel demand

8. SOLUTION AND RESPONSE EFFORTS

- Scientists See Signs of Lasting Immunity to Covid-19, Even After Mild Infections
- Novavax trials COVID-19 vaccine in South Africa
- Mexican president volunteers to try Russian coronavirus vaccine
- China grants 1st COVID-19 vaccine patent to domestic candidate
- Lives Cut Short: Remembering Health Care Workers In Their 20s Killed By COVID-19
- Cancer drugs offer new hope for malaria and COVID-19

9. MEDICAL INFORMATION

- COVID-19 vaccine push lacks a key ingredient: Trust
- COVID-19 poses a riddle for the immune system
- Britain encourages at-risk groups to sign up for COVID-19 vaccine trials
- 4 changes doctors have made to better treat Covid-19 patients

10. INTERNATIONAL DATA

- Global COVID-19 Containment: Confirmed Cases – Visual
- Restrictions tighten again in U.K., N.Z. as COVID-19 infections soar
- What this Pulitzer Prize-winning photographer saw in ICUs fighting COVID-19
- Bolsonaro Survives Covid-19, As Brazil's Market Rips Nearly 40% Since May
- Migrants return to Delhi as India's COVID-19 deaths top 50,000

11. ECONOMIC IMPACT

- Post-COVID-19 economy will put people back to work, but it likely won't be in all the same jobs
- Japan's economy suffers record slump after Covid hit
- Consumer confidence in Canada extends positive streak
- Struggling to find a job during the pandemic? You're not alone
- European markets close higher after a day of choppy trade

12. CYBER NEWS

- Cyber crime soars as hackers cash in on India's Covid-19 crisis
- A new world of open data and cyber risks
- Israel Says It Beat Attack by North Korean Cyber Group Under U.S. Sanctions

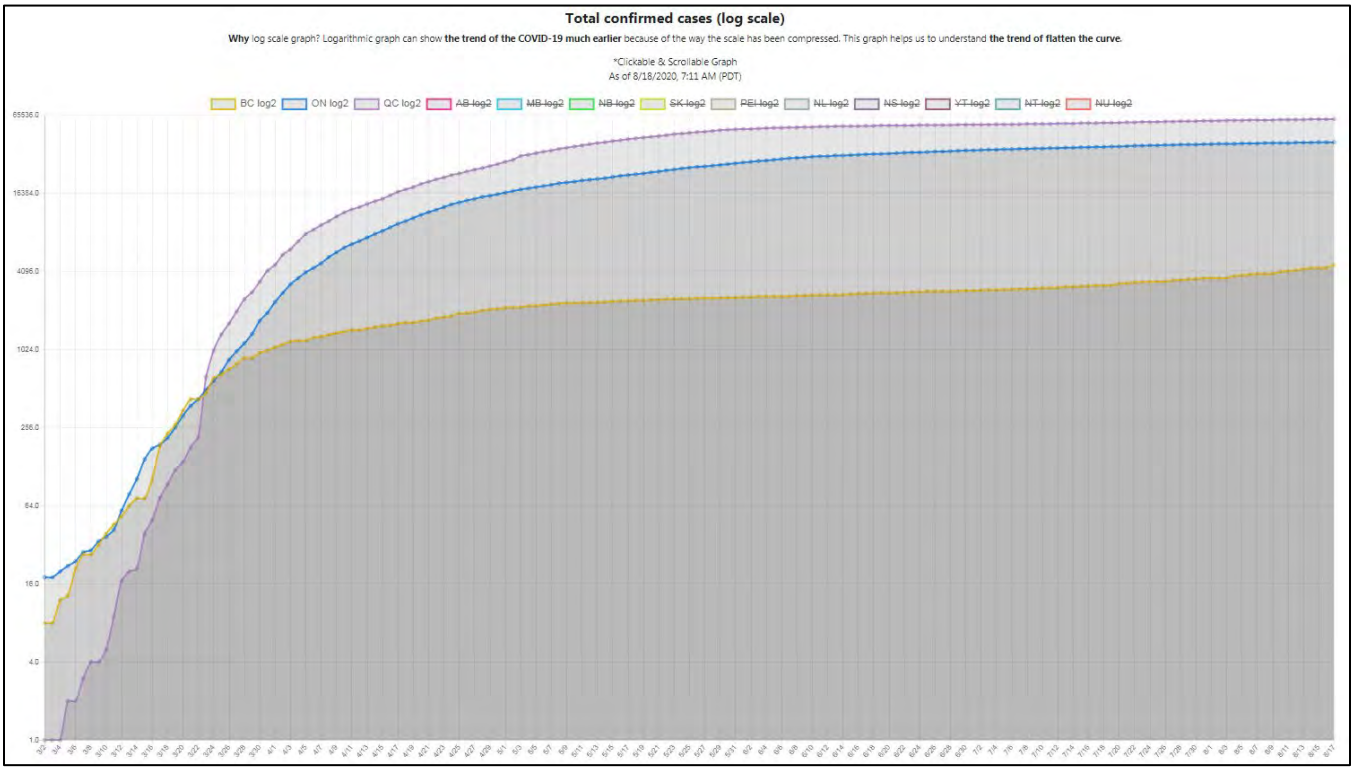
#201-3001 WAYBURNE DRIVE, BURNABY, BC V5G 4W3 // TEL 778-807-5660 // PALADINRISKSOLUTIONS.COM

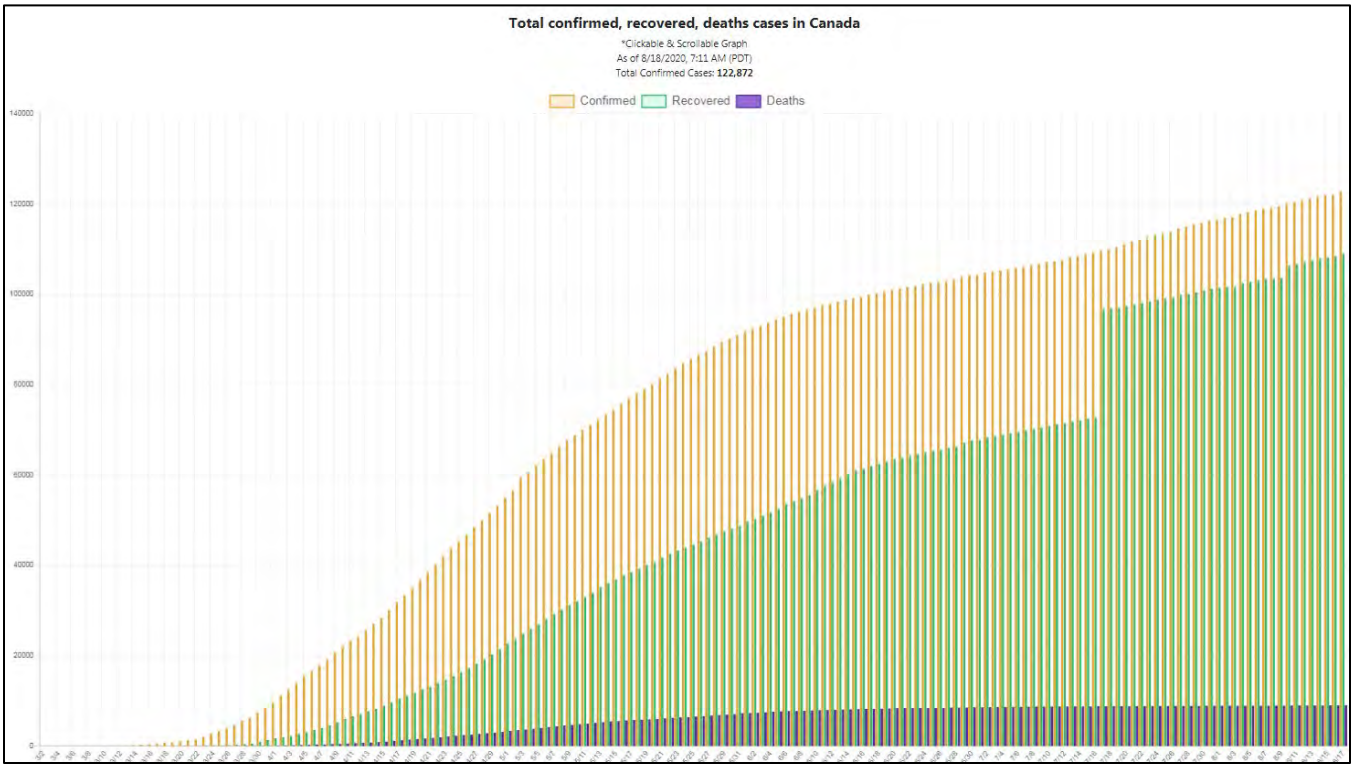
End Report

Please submit feedback to:

Scott McGregor, CD, BCom
Intelligence Manager
Paladin Risk Solutions Inc.
C. 604-910-7781
smcgregor@paladinrisksolutions.com

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

	Phase 1 2-3 months	Phase 2 12+ months	Phase 3 New normal
New confirmed cases			
What happens	• Emergency measures to prevent uncontrolled viral spread and overwhelmed health systems • Short-term crisis management	• Cycles of relaxing and tightening suppression measures • Social distancing acts as the only "brake," and we learn from each cycle what impacts viral spread • More testing provides better sensing; the more scaled and sophisticated the public heath infrastructure, the less we have to rely on blunt instruments of stay-at-home orders	• Therapeutic breakthroughs (treatments, vaccines) and/or scaled public health tools (diagnostic and serology testing, contact tracing with selective quarantine, national surveillance system) lead to a new normal, with emphasis on immediate containment at first sign of new outbreaks
What to do	• Closure of non-essential businesses • Community-wide stay-at-home mandates • Widespread remote work • Border closures and travel restrictions	• Gradually reopen some business (for example, retail/restaurants/ manufacturing, with social distancing and cleaning and protection protocols) • Strict quarantine guidelines for confirmed cases, close associates, and travelers • Stay-at-home mandates for at-risk people • Remote work and mask wearing still the norm • No large gatherings, so entertainment and sports venues remain closed • Travel to/from hot spots restricted	• All businesses re-open, under mandated safety protocols • Stay-at-home selectively reinstated in areas with renewed outbreaks • Prevalent use of vaccines, perhaps annually

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

#201-3001 WAYBURNE DRIVE, BURNABY, BC V5G 4W3 // TEL 778-807-5660 // PALADINRISKSOLUTIONS.COM