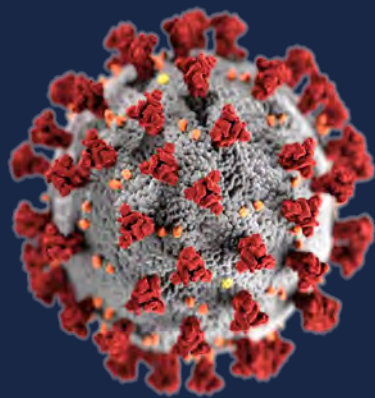




**Paladin
Risk Solutions**



COVID-19

INTELLIGENCE REPORT

Situational Awareness for:
Stakeholders and Decision Makers

02 October 2020

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| | Confirmed | Deaths | Recovered | Active |
|--------|-------------------|----------------|-------------------|------------------|
| Canada | 161,267 (↑732) | 9,395 (↑76) | 136,778 (↑428) | 15,094 (↑228) |
| USA | 7,505,074 | 212,869 | 4,750,176 | 2,542,029 |
| Global | 34,578,919 | 1,029,177 | 25,732,013 | 7,817,729 |

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

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

Organized Crime. Globally, individuals are struggling financially due to the impact of the pandemic. According to the United Nations, 176 million people will likely experience poverty due to COVID-19 and organized crime is profiting from assisting individuals during the time of crisis. This is a common tactic utilized by organized crime groups for centuries, and it allows the groups to gain respect and trust. Moreover, while other legal means of funds become unavailable to many, organized crime groups are lending money to individuals who have been impacted financially by the pandemic.

Due to COVID-19 restrictions, it is believed that \$2.2 trillion dollars have been lost to illicit trade. Organized crime groups have been able to experiment in exporting illegally made PPE and hand sanitizers but have also lost some profit in the drug trade as smuggling has become more difficult due to border closures. Coupled with reduced demand for recreational drug use, gangs have had to come up with creative solutions to continue to make profit. Many countries are seeing a reduced capacity of enforcement as police are focused on pandemic related issues. Criminal gangs are also becoming more sophisticated by using cyber crime and are increasingly involved in ransomware and other hacks which correlates to increasing internet usage. This is evidenced by approximately \$2 million in cryptocurrency that was just seized by the US Department of Justice from members of ISIS, who were making counterfeit masks and other PPE. The profit from this activity would likely be used to fund global terrorist operations.

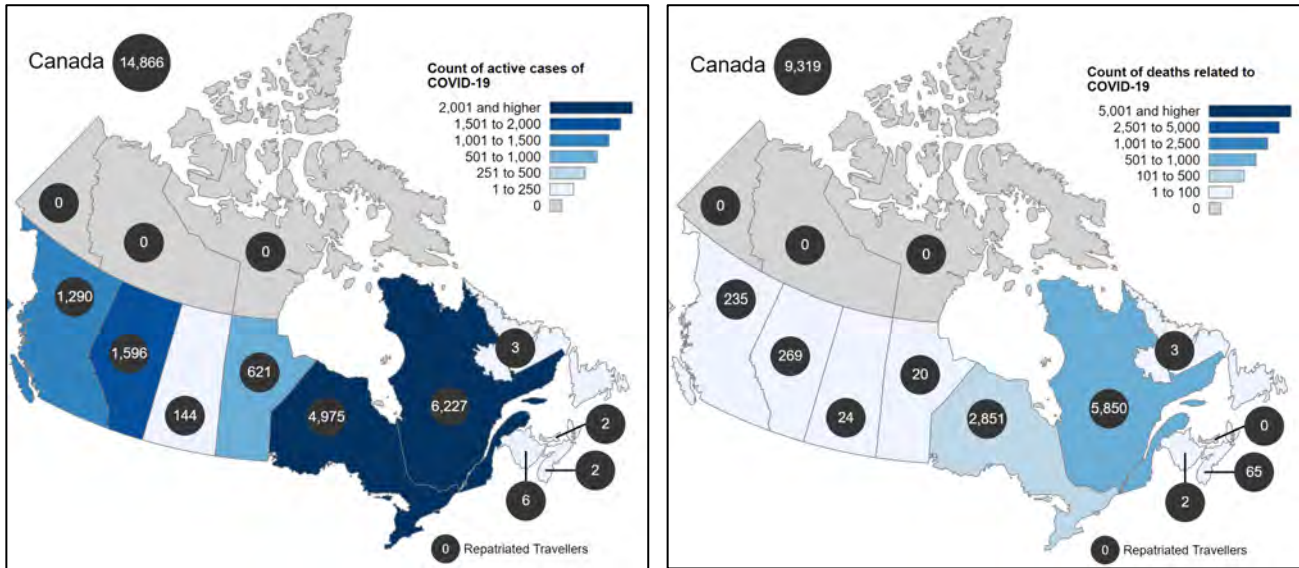
COVID-19 Transmission. The largest contact tracing study to date, based on 500,000 people in India, suggest that the virus spreads mostly by a small percentage of individuals, while most infected people are only responsible for a small number of transmissions. 71% of individuals infected with the virus do not spread their infection at all and only 8% of those infected are responsible for 60% of new infections. They found that people in households with children and young adults are more likely to have the virus, and overall young individuals accounted for one third of the positive cases. The overall likelihood of passing COVID-19 to a person in the community was 2.6%, going up to 9% for those in a positive patient's household. People are most likely to contract COVID-19 from someone their own age, but the overall probability of catching the virus was 4.7%, increasing to 10.7% for high risk contacts.

Canada Benefits. The Canadian Government has stated that although the Canada Emergency Response Benefit (CERB) is ending, individuals can still apply for retroactive benefits until December. Previously, individuals were not sure whether they were eligible for CERB payments, with some finding out after the fact that they could have received the assistance. Canada has replaced CERB with other benefits. Most people will be transitioning to Employment Insurance (EI) benefits while others can collect benefits related to childcare, sickness, and through the Canadian Recovery Benefit (CRB) - which allows those who would not qualify for EI to receive assistance.

USA Benefits. After Congress failed to come to agreement on the federal emergency aid bill; Health and Economic Recovery Omnibus Emergency Solutions (HEROES) Act, American airlines and United Airlines are beginning to furlough 32,000 employees. The bill would have provided airlines with \$25 billion to pay for workers wages, with assistance maintaining payroll until March 2021. It is believed that airline travel would reduce by 66% in 2021. Some critics believe that airlines should not receive their own subsidies and instead adjust to the new reality of reduction in travel, which could last three to four years. Although airlines were busy at the beginning of the pandemic, as they were responsible for almost 40,000 repatriations, the loss of workers will likely also cause problems for supply chains as the price of cargo flights and the items shipped through them, increase.

Economically, the impact will likely ripple through various interconnected industries. Internationally, up to 46 million jobs in aviation are expected to be lost over the course of the pandemic, with approximately 4.8 million jobs lost by the end of next year.

3. COVID-19 IN CANADA

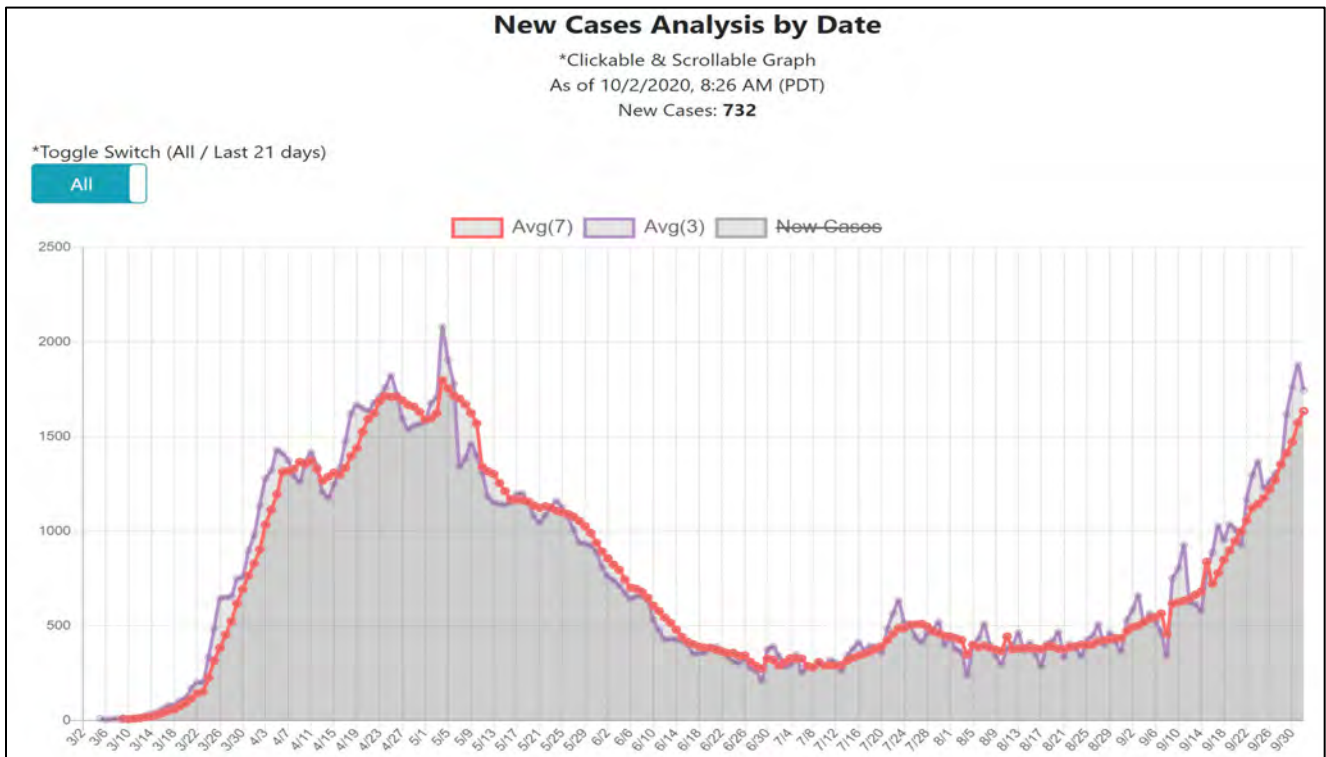


Source: <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html>

| Prov. ↕ | Total Confirmed | Total Deaths | Total Recovered | Total Active |
|--------------|-----------------------|--------------------|-----------------------|----------------------|
| Total | 161,267 (↑732) | 9,395 (↑76) | 136,778 (↑428) | 15,094 (↑228) |
| BC | 9,220 | 235 | 7,695 | 1,290 |
| ON | 52,980 (↑732) | 2,927 (↑76) | 44,850 (↑428) | 5,203 (↑228) |
| QC | 75,221 | 5,850 | 63,144 | 6,227 |
| AB | 18,235 | 269 | 16,370 | 1,596 |
| MB | 2,029 | 20 | 1,388 | 621 |
| NB | 200 | 2 | 192 | 6 |
| SK | 1,927 | 24 | 1,759 | 144 |
| PEI | 59 | 0 | 57 | 2 |
| NL | 275 | 3 | 269 | 3 |
| NS | 1,088 | 65 | 1,021 | 2 |
| YT | 15 | 0 | 15 | 0 |
| NT | 5 | 0 | 5 | 0 |
| NU | 0 | 0 | 0 | 0 |



| Prov. | Total Test | Total Waiting | Total Hosp | Total ICU |
|--------------|------------------|---------------|------------|-----------|
| Total | 8,074,003 | - | - | - |
| BC | 555,170 | - | 69 | 19 |
| ON | 3,963,111 | 82473 | 167 (+5) | 38 (+2) |
| QC | 1,546,600 | - | 275 | 46 |
| AB | 1,365,496 | - | 64 | 12 |
| MB | 186,668 | - | 15 | 7 |
| NB | 77,974 | - | 0 | 0 |
| SK | 193,006 | - | 7 | 0 |
| PEI | 35,376 | 60 | - | - |
| NL | 42,556 | - | 0 | 0 |
| NS | 96,332 | - | 1 | 1 |
| YT | 3,428 | 58 | - | - |
| NT | 5,305 | 26 | 0 | 0 |
| NU | 2,981 | 465 | 0 | 0 |



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

3.1. CANADA NEWS

- [Canada coronavirus cases surge past 160,000 as deaths top 9,300](#)
- [Liberal government to spend \\$10B on infrastructure to fuel pandemic economic recovery](#)
- [Why the positivity rate — a key metric for charting COVID-19's spread — is giving reason for hope in B.C.](#)
- [Contact tracing working well with zero outbreaks in B.C. schools, provincial health officer says](#)
- [Ontario reports 538 new cases, changes symptom screening guidance for schools, child care centres](#)
- [Up to \\$100M for Quebec businesses forced to close because of red zone rules](#)
- [Retroactive CERB will still be available despite questions over rules: official](#)

4. COVID-19 IN USA



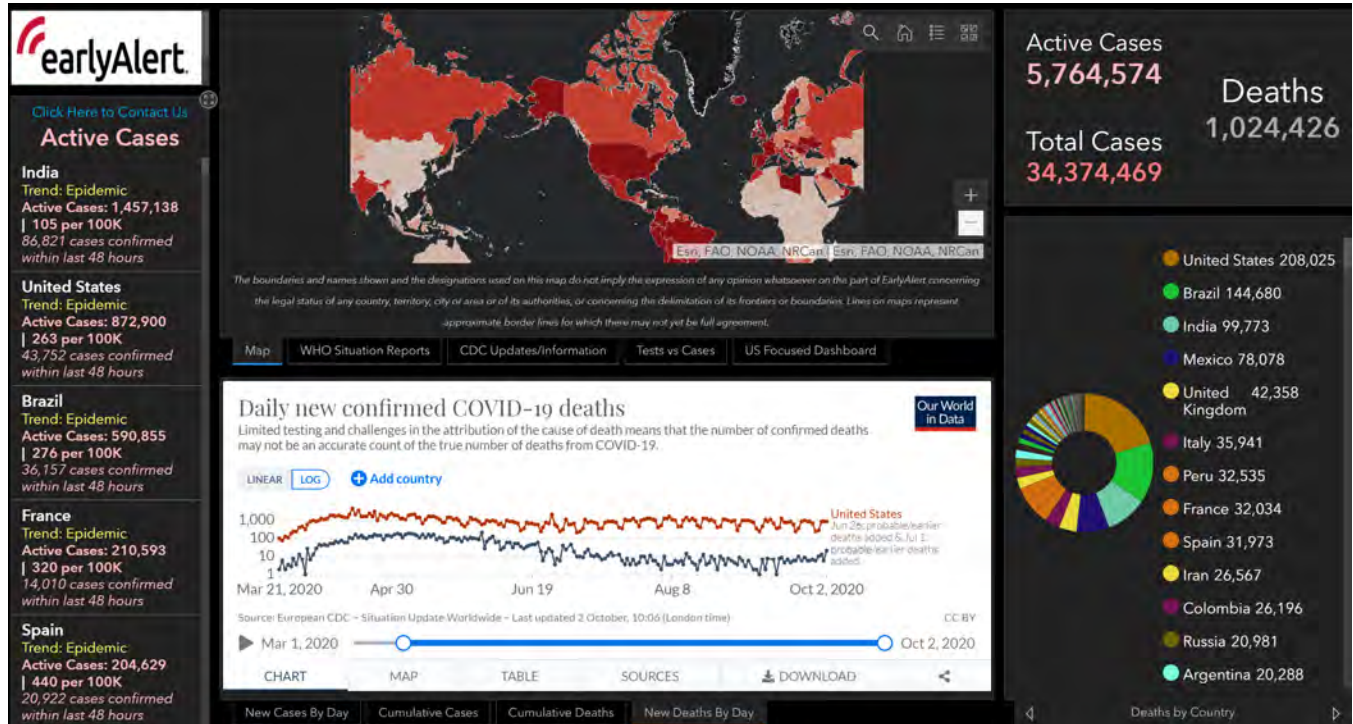


| # | USA State | Total Cases | New Cases | Total Deaths | New Deaths | Total Recovered | Active Cases | Tot Cases/ 1M pop | Deaths/ 1M pop | Total Tests | Tests/ 1M pop | Population |
|----|--------------------------------|-------------|-----------|--------------|------------|-----------------|--------------|-------------------|----------------|-------------|---------------|------------|
| | USA Total | 7,507,524 | +12,853 | 212,912 | +252 | 4,750,176 | 2,544,436 | 22,681 | 643 | 108,562,372 | 327,980 | |
| 1 | California | 822,693 | | 15,989 | | 421,014 | 385,690 | 20,821 | 405 | 14,771,851 | 373,855 | 39,512,223 |
| 2 | Florida | 711,804 | +2,660 | 14,557 | +111 | 343,976 | 353,271 | 33,141 | 678 | 5,358,703 | 249,500 | 21,477,737 |
| 3 | Georgia | 319,334 | | 7,063 | | 100,248 | 212,023 | 30,076 | 665 | 3,257,615 | 306,818 | 10,617,423 |
| 4 | Arizona | 219,212 | | 5,674 | | 35,411 | 178,127 | 30,117 | 780 | 1,765,551 | 242,563 | 7,278,717 |
| 5 | Virginia | 149,687 | +966 | 3,250 | +22 | 17,713 | 128,724 | 17,537 | 381 | 2,225,630 | 260,749 | 8,535,519 |
| 6 | Maryland | 126,222 | +712 | 3,950 | +1 | 7,606 | 114,666 | 20,878 | 653 | 2,660,800 | 440,116 | 6,045,680 |
| 7 | Missouri | 133,439 | +1,942 | 2,268 | +29 | 22,493 | 108,678 | 21,742 | 370 | 1,947,552 | 317,324 | 6,137,428 |
| 8 | Texas | 790,467 | | 16,251 | | 687,147 | 87,069 | 27,261 | 560 | 6,798,997 | 234,481 | 28,995,881 |
| 9 | Alabama | 156,698 | +954 | 2,550 | +2 | 67,948 | 86,200 | 31,958 | 520 | 1,197,337 | 244,196 | 4,903,185 |
| 10 | Illinois | 297,929 | | 8,940 | | 208,704 | 80,285 | 23,511 | 706 | 5,690,437 | 449,062 | 12,671,821 |
| 11 | South Carolina | 148,323 | | 3,400 | | 72,363 | 72,560 | 28,808 | 660 | 1,432,513 | 278,227 | 5,148,714 |
| 12 | New York | 494,607 | | 33,266 | | 395,584 | 65,757 | 25,425 | 1,710 | 10,856,531 | 558,074 | 19,453,561 |
| 13 | Kentucky | 69,728 | | 1,191 | | 11,970 | 56,567 | 15,607 | 267 | 1,483,960 | 332,155 | 4,467,673 |
| 14 | Washington | 91,037 | | 2,133 | | 43,003 | 45,901 | 11,955 | 280 | 1,884,074 | 247,420 | 7,614,893 |
| 15 | Colorado | 71,218 | | 2,054 | | 31,860 | 37,304 | 12,367 | 357 | 922,232 | 160,145 | 5,758,736 |
| 16 | Michigan | 139,012 | | 7,102 | | 95,051 | 36,859 | 13,919 | 711 | 4,015,017 | 402,030 | 9,986,857 |
| 17 | Oregon | 33,862 | | 560 | | 5,738 | 27,564 | 8,028 | 133 | 690,284 | 163,662 | 4,217,737 |
| 18 | North Carolina | 214,684 | +1,775 | 3,608 | +29 | 184,422 | 26,654 | 20,469 | 344 | 3,094,417 | 295,041 | 10,488,084 |
| 19 | Pennsylvania | 165,753 | +675 | 8,256 | +14 | 131,300 | 26,197 | 12,947 | 645 | 2,060,877 | 160,981 | 12,801,989 |
| 20 | Wisconsin | 125,161 | | 1,348 | | 101,669 | 22,144 | 21,496 | 232 | 1,559,882 | 267,909 | 5,822,434 |

4.1. USA NEWS

- [Wisconsin records highest single-day number of new COVID-19 cases](#)
- [House passes \\$2.2 trillion Democratic coronavirus stimulus bill](#)
- [Amazon says more than 19,000 workers got Covid-19](#)
- [Trump says he is in quarantine after aide Hope Hicks tests positive for Covid](#)
- [FDA warns of methanol-tainted hand sanitizer — but can't force companies to recall it](#)
- [Pandemic rush to online shopping sparks interest in 'Airbnb' warehouses](#)
- [US layoffs remain elevated as incomes and spending weaken](#)
- [This Overlooked Variable Is the Key to the Pandemic](#)

5. GLOBAL COMMON OPERATING PICTURE



| # | Country, Other | Total Cases | New Cases | Total Deaths | New Deaths | Total Recovered | New Recovered | Active Cases | Serious, Critical | Tot Cases/ 1M pop | Deaths/ 1M pop | Total Tests | Tests/ 1M pop | Population |
|----|------------------------------|-------------|-----------|--------------|------------|-----------------|---------------|--------------|-------------------|-------------------|----------------|-------------|---------------|---------------|
| | World | 34,621,951 | +150,492 | 1,029,710 | +2,568 | 25,773,021 | +111,230 | 7,819,220 | 66,139 | 4,442 | 132.1 | | | |
| 1 | USA | 7,507,524 | +12,853 | 212,912 | +252 | 4,750,176 | +13,555 | 2,544,436 | 14,193 | 22,648 | 642 | 108,562,372 | 327,494 | 331,494,557 |
| 2 | India | 6,438,968 | +47,008 | 100,323 | +519 | 5,393,737 | +45,084 | 944,908 | 8,944 | 4,654 | 73 | 76,717,728 | 55,455 | 1,383,419,254 |
| 3 | Brazil | 4,849,229 | | 144,767 | | 4,212,772 | | 491,690 | 8,318 | 22,773 | 680 | 17,900,000 | 84,061 | 212,941,524 |
| 4 | Russia | 1,194,643 | +9,412 | 21,077 | +186 | 970,296 | +6,054 | 203,270 | 2,300 | 8,185 | 144 | 46,823,879 | 320,820 | 145,950,466 |
| 5 | Colombia | 835,339 | | 26,196 | | 751,691 | | 57,452 | 2,220 | 16,373 | 513 | 3,776,280 | 74,017 | 51,019,195 |
| 6 | Peru | 818,297 | | 32,535 | | 690,528 | | 95,234 | 1,353 | 24,732 | 983 | 3,908,125 | 118,118 | 33,086,613 |
| 7 | Spain | 778,607 | | 31,973 | | N/A | N/A | N/A | 1,561 | 16,651 | 684 | 12,723,989 | 272,116 | 46,759,410 |
| 8 | Argentina | 765,002 | | 20,288 | | 603,140 | | 141,574 | 3,799 | 16,887 | 448 | 2,002,975 | 44,216 | 45,300,278 |
| 9 | Mexico | 748,315 | +5,099 | 78,078 | +432 | 537,475 | +3,589 | 132,762 | 2,466 | 5,789 | 604 | 1,968,556 | 15,228 | 129,273,294 |
| 10 | South Africa | 676,084 | | 16,866 | | 609,584 | | 49,634 | 539 | 11,364 | 283 | 4,209,049 | 70,745 | 59,495,970 |
| 11 | France | 577,505 | | 32,019 | | 96,797 | | 448,689 | 1,238 | 8,842 | 490 | 11,020,523 | 168,741 | 65,310,341 |
| 12 | UK | 467,146 | +6,968 | 42,268 | +66 | N/A | N/A | N/A | 341 | 6,872 | 622 | 25,048,460 | 368,487 | 67,976,480 |
| 13 | Chile | 466,590 | +1,840 | 12,867 | +45 | 439,607 | +1,459 | 14,116 | 868 | 24,355 | 672 | 3,394,522 | 177,189 | 19,157,592 |
| 14 | Iran | 464,596 | +3,552 | 26,567 | +187 | 385,264 | +1,896 | 52,765 | 4,137 | 5,514 | 315 | 4,067,861 | 48,276 | 84,262,110 |
| 15 | Iraq | 372,259 | +4,785 | 9,298 | +67 | 299,804 | +3,922 | 63,157 | 562 | 9,204 | 230 | 2,311,962 | 57,164 | 40,444,461 |
| 16 | Bangladesh | 366,383 | +1,396 | 5,305 | +33 | 278,627 | +1,549 | 82,451 | | 2,219 | 32 | 1,970,251 | 11,934 | 165,102,254 |
| 17 | Saudi Arabia | 335,578 | +481 | 4,823 | +29 | 320,348 | +602 | 10,407 | 970 | 9,602 | 138 | 6,592,660 | 188,637 | 34,948,931 |
| 18 | Turkey | 320,070 | | 8,262 | | 281,151 | | 30,657 | 1,507 | 3,785 | 98 | 10,493,807 | 124,089 | 84,567,110 |
| 19 | Italy | 319,908 | +2,499 | 35,941 | +23 | 229,970 | +1,126 | 53,997 | 294 | 5,293 | 595 | 11,572,459 | 191,473 | 60,439,018 |
| 20 | Philippines | 316,678 | +2,611 | 5,616 | +56 | 254,617 | +416 | 56,445 | 1,758 | 2,880 | 51 | 3,800,150 | 34,564 | 109,945,900 |



6. LAW ENFORCEMENT AND CRIME REPORTING

- [COVID-19 and Illicit Trade: When Organized Crime and Terrorists Profit from the Pandemic](#)
- [RCMP reverses mask policy for bearded officers](#)
- [Quebec police to ticket those who flout COVID-19 rules](#)

7. TRAVEL

- [Germany lifts world travel warning but keeps it for many EU countries](#)
- [American and United to furlough 32,000 workers as time runs out for federal aid](#)
- [Air Canada orders first batch of 25,000 rapid COVID-19 testing kits](#)

8. SOLUTION AND RESPONSE EFFORTS

- [Germany commits €100 million amid UN vaccine access drive](#)
- [Coronavirus vaccine trial participants report day-long exhaustion, fever and headaches — but say worth it](#)
- [Vaccine will 'not return life to normal in spring'](#)

9. MEDICAL INFORMATION

- [These coronavirus symptoms are more concerning for kids than the sniffles: B.C. doctor](#)
- [Neanderthal genes linked to severe COVID-19; Mosquitoes cannot transmit the coronavirus](#)
- [Largest COVID-19 contact tracing study to date finds children key to spread, evidence of superspreaders](#)

10. INTERNATIONAL DATA

- [China Mid-Autumn Festival: After Covid-19, hundreds of millions of people are about to go on vacation at the same time](#)
- [row as Spain announces Madrid lockdown measures](#)
- [From Rio to Amazon, Virus Flare-Ups Flash Warning in Brazil](#)
- [1st in Europe to be devastated by COVID-19, Italy redoubled its efforts, and they're now paying off](#)
- [Why Japanese researchers say there's "no reason" to keep doing painful COVID nasal swab tests](#)

11. ECONOMIC IMPACT

- [Americans might never come back to the office, and Twitter is leading the charge](#)
- [Australian PM pledges \\$1 billion for manufacturing in push to rebuild economy](#)
- [COVID-19 complicates B.C.'s child-care landscape](#)
- [Investors are bullish on stocks for the 4th quarter, but fear a coronavirus spike](#)

12. CYBER NEWS

- [Russia is spreading lies about Covid vaccines, says UK military chief](#)
- [Without user data, COVID Alert app's effectiveness is hard to measure](#)
- [Cyber improvements may stem from Covid-19 pandemic response](#)

End Report



Please submit feedback to:

Scott McGregor, CD, BCom

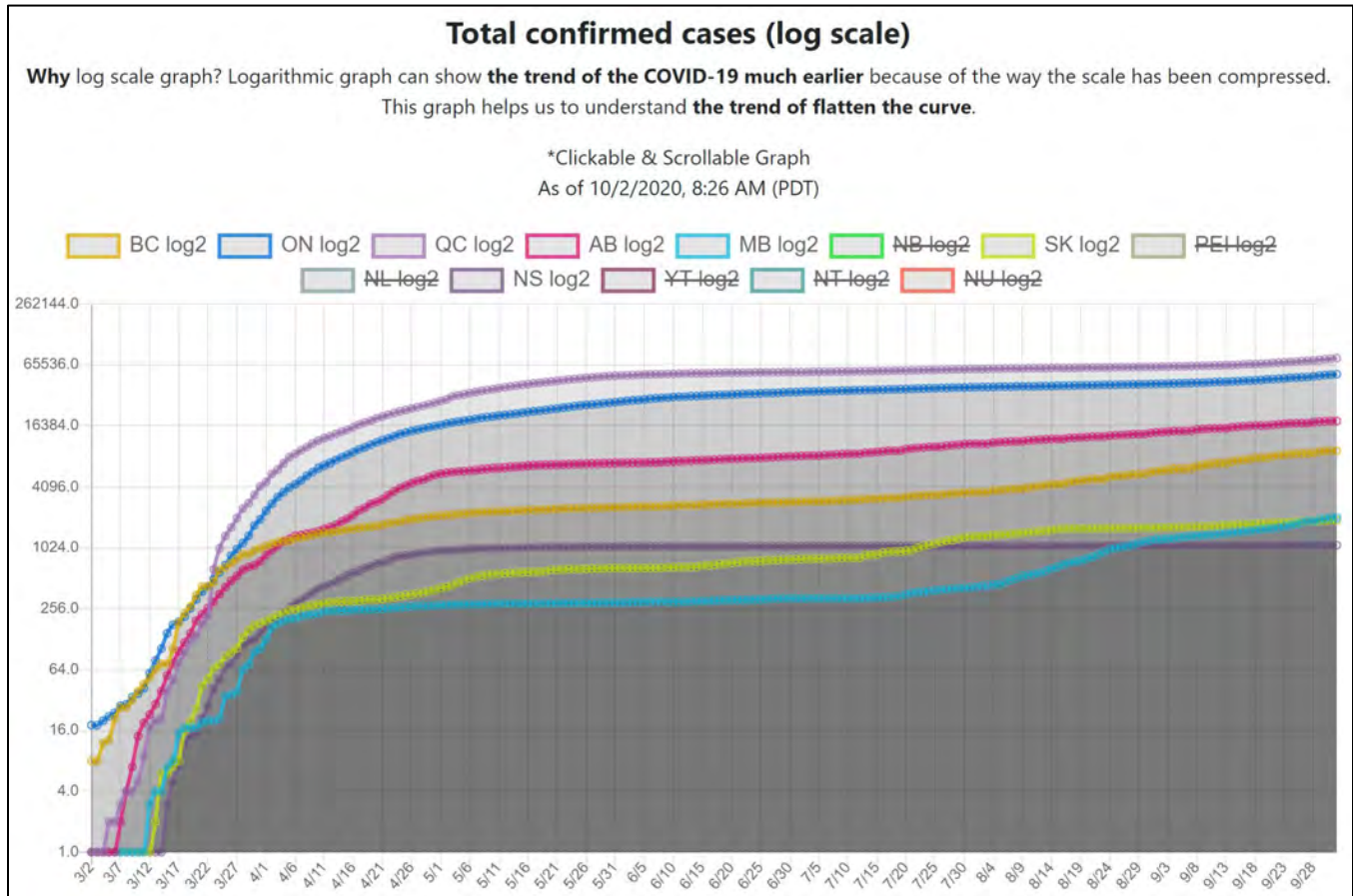
Intelligence Manager

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C. 604-910-7781

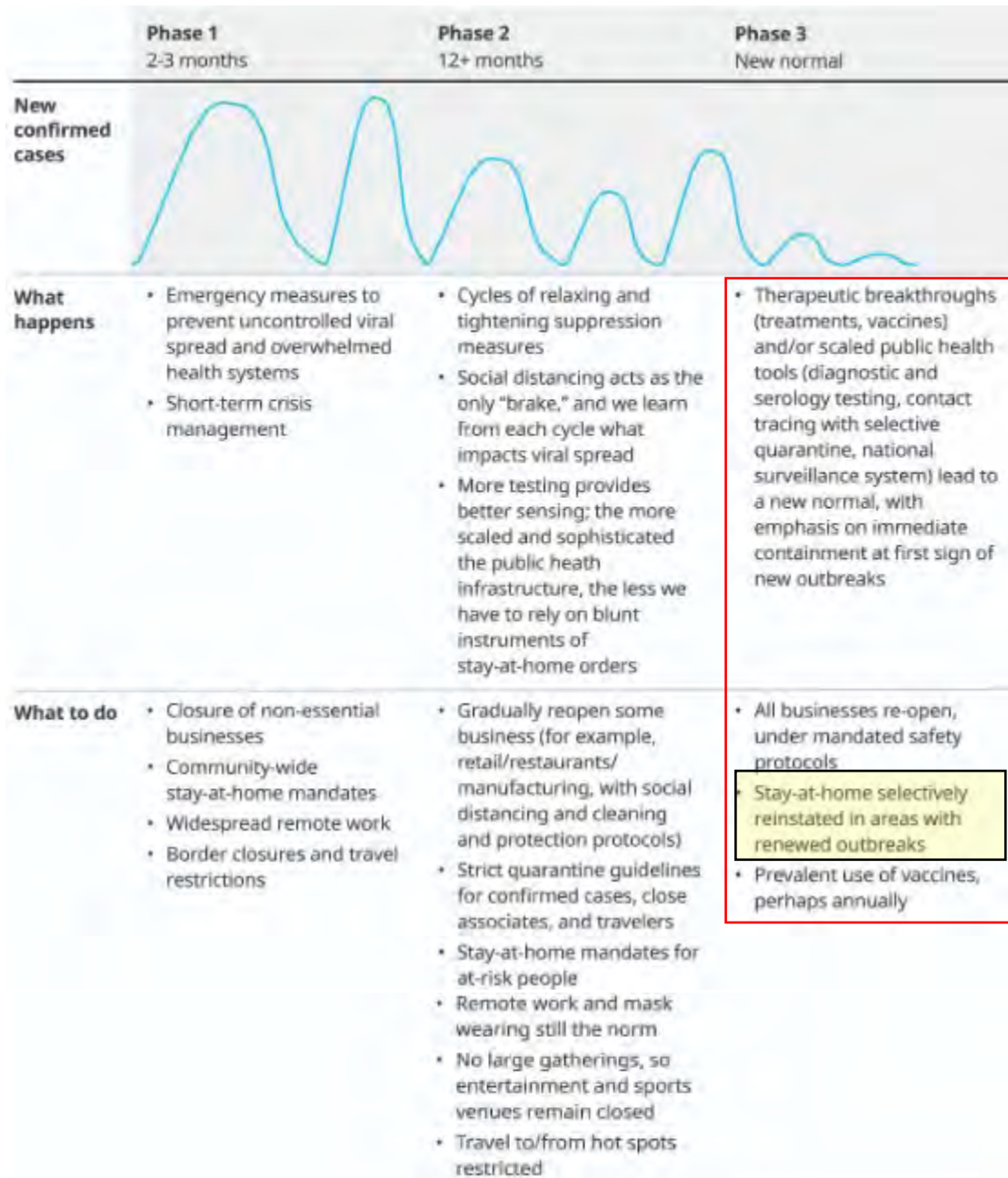
smcgregor@paladinrisksolutions.com

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



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