

COVID-19

INTELLIGENCE REPORT

Situational Awareness for:

Stakeholders and Decision Makers

29 September 2020





1. TABLE OF CONTENTS

| 2. | INSIGHT and SITUATIONAL AWARENESS \rightarrow Click here to access previous featured reports | 2 |
|-----------------------|--|----|
| 2 2 2 2 2 | L COVID-19: USA | |
| | 9 Mali | |
| 3. | COVID-19 IN CANADA | 6 |
| 3.1. | CANADA NEWS | 8 |
| 4. | COVID-19 IN USA | 9 |
| 4.1. | USA NEWS | 10 |
| 5. | GLOBAL COMMON OPERATING PICTURE | 11 |
| 6. | LAW ENFORCEMENT AND CRIME REPORTING | 12 |
| 7. | TRAVEL | 12 |
| 8. | SOLUTION AND RESPONSE EFFORTS | 12 |
| 9. | MEDICAL INFORMATION | 12 |
| 10. | INTERNATIONAL DATA | 12 |
| 11. | ECONOMIC IMPACT | 12 |
| 12. | CYBER NEWS | 12 |
| 13. | APPENDIX A – Canadian Tracking Information | 14 |
| 14. | APPENDIX B – Phase 1 to 3: Progression on Managing COVID-19 Pandemic | 15 |

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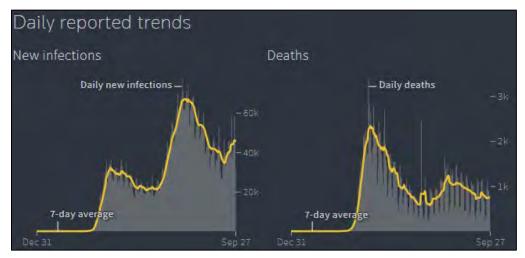




2. INSIGHT and SITUATIONAL AWARENESS

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2.1 COVID-19: USA. According to the World Health Organization (WHO), a COVID-19 positivity rate of over 5% is considered to high to allow for reopening of a jurisdiction. Currently, some Midwest states in the USA are reporting rates as high as 25%; North Dakota's rate in the past week has increased to 30% from 6% the previous week. In South Dakota, it increased from 17% to 26% in just one week. In the same week, states such as Montana, Minnesota, Oregon and Wyoming are seeing record increases in positive numbers from the day before, and Wisconsin and South Dakota have seen these records occur more than once a week. Midwest states are now also observed recording increases in hospitalizations. In Wisconsin, record hospitalizations were noticed seven days in a row, and South Dakota, North Dakota and Wyoming have also set records for most hospitalizations. Deaths have stayed somewhat stable but usually surge a few weeks after an increase in cases. On the other hand, some states including New York and Massachusetts are seeing rates of less than 1%, suggesting that containment is possible with the correct measures being implemented.



- **2.2 COVID-19:** Australia. Australia had ordered restrictions at the beginning of August in Victoria, known as the country's hotspot, which accounts for 75% of the country's infections. After three months, the state reported only five new daily cases, showcasing the fact that restrictions have worked. These are now slowly being relaxed as restrictions on non-essential movement have been lifted, and non-essential retail stores are permitted to open and restaurants to provide dine in services.
- **2.3 COVID-19: Global Vaccine Development.** More than 100 teams of scientists worldwide are developing and testing a vaccine against the virus SARS-CoV-2 as quickly as possible. Many groups are working on a COVID-19 vaccine using technologies that have been in development for decades but have never yet been approved for wide-scale human use, such as DNA, RNA, and viral-vector vaccines. Of the now 42 vaccines in human clinical trials 11 are in phase three and experts say more than one could potentially be approved before the end of the year. An effective vaccine against COVID-19 is the only likely event that would allow the world to return to a prepandemic quality of life. Even in countries with a devastating number of deaths from COVID-19, there is nowhere close to a level of "herd immunity" within the population. The number of candidates in phase three trials likely suggests a proven vaccine could be announced before the end of the year.





2.4 Activism. The Black Lives Matter (BLM) and Anti Facist (Antifa) movements enter their 17th week of unrest in US cities since the murder of George Floyd on May 25th. Protests were held in cities across the US including riots centered in Louisville, Kentucky, after the Commonwealth of Kentucky announced there would be no charges for officers involved in the shooting death of Breonna Taylor, who was killed during a police raid on her apartment in the early hours of March 13, 2020. At least two police officers were shot the first night of riots September 23. The early details of the case were misleading, causing more unrest amid the tensions between BLM and authorities. Despite the release of new details that indicate officers acted appropriately, voices on the left, mainstream media, and BLM, continue to report outdated information regarding the case leading to continued rioting. Unrest in other cities, including Los Angeles and Portland continue, with violent incidents between protesters, counter protesters, and police. BLM/Antifa have demonstrated they are more interested in spreading unrest using any narrative, factual or not, that fits their agenda than being justified in their cause. As BLM/Antifa radicalizes, it is likely to draw out increasingly unstable individuals to be used to cause harm. Messaging from left wing media will likely continue to push a victim narrative that emboldens the radical left and downplays the true circumstances of cases like Breonna Taylor's, putting police, local officials, and politicians at risk of further targeted attacks.

2.5 BLM Activity

- Chicago: Dozens of activists marched in defiance of the Breonna Taylor decision.
- Las Vegas: Six protestors were arrested after clashes with police after the Breonna Taylor decision.
- Phoenix: Over 100 people attended a candlelight vigil after the Breonna Taylor decision.
- Salt Lake City: Around 200 people marched in defiance of the Breonna Taylor decision.
- **Seattle:** Protests erupted into violence with police after the Breonna Taylor decision. A police officer is being investigated after being recorded riding his bicycle over the head of an injured protester.
- **St Petersburg:** Protesters in St. Petersburg, Florida, told a diner they would knock him out as they took over his table the night of the Breonna Taylor decision.

2.6 China. On September 21, Indian and Chinese military officials met and agreed to stop sending troops to the disputed green line in the Ladakh region where tensions have been high following a border dispute which killed 20 Indian soldiers. Despite this both militaries have been reported to be sending large stocks of equipment, ammunition, tanks, artillery and supplies to the region ahead of the winter season. President Xi has called for the fortification of the Chinese frontier to ensure that no "incursions" take place. Despite the increased militarization of the green zone it is unlikely that there will be a large-scale conflict between China and India in the coming months. Chinese military operations currently prefer to utilize the element of surprise in their operations, an element they have lost in this area. Furthermore, India has shown that they are willing to commit resources to secure their territory. The tensions and conflict between India and China, as well as other issues such as China hoarding medical supplies during the COVID-19 pandemic, has also shorn up support against China by regional partners, notably the US and a number of countries in the region. Unless China can alter the perceptions of this situation and other issues it is likely that China will continue to become politically isolated, though given China's dominance of the world's supply chain this will have little impact on its economy.

China's President Xi Jinping stated at the United Nations general assembly last week with a pledge to reach "peak carbon" before 2030 and drive down emissions to be carbon neutral by 2060. As China is the world's largest coal user this would require a complete rework of the Chinese energy infrastructure. This would also make China a green energy world leader. As demand for energy increases in China and auto manufacturers brace for a wave of





electric vehicle sales in China, energy demand in China will continue to increase. This comes at a time when China is facing backlash for being the world's largest polluter and this pledge is likely an attempt to increase good will towards the country as well as improve China's energy independence. Energy independence from other nations would provide both military and economic opportunities for China.

The United States has placed new restrictions on exports to Semiconductor Manufacturing International Corporation (SMIC), China's most advanced manufacturer of computer chips after stating that they were likely supplying the Chinese military. In a letter on Friday, the Department of Commerce told American chip manufacturers that they must first acquire a license to sell technology to SMIC. The department said it was taking the action as the Chinese company "may pose an unacceptable risk of diversion to a military end use in the People's Republic of China." This comes after the US banned Huawei from its 5G network and as the US government looks to ban TikTok and WeChat from use in the US. Last year, China imported more than \$300 billion in computer chips, more than it spent on crude oil. Despite a large share of the world's consumer electronics being manufactured in China, the chips that power them are often purchased from other countries. The US government continues to limit the ability of US firms to sell technological goods to China and Chinese companies. This is likely to increase already strained tensions between the two countries. As China will require these processors to manufacture numerous computer equipment the loss of supply to any of its manufactures could have an economic impact on the country as well as strain suspected procurement for its military.

2.7 Iran. Iranian oil exports have been reported to increase dramatically in defiance of sanctions against the country. Data from Tanker Trackers shows that oil traffic via tankers has doubled from 750,000 barrels per day (BPD) in August to 1.5 million BPD in September. Despite this higher volume of traffic overall volume is down since the US withdrew from the nuclear agreement with Iran, where Iran was averaging an export of 2.5 Million BPD. Iranian Oil Minister Bijan Zanganeh stated that documents were forged to hide the origin of the oil to ensure that Iran could continue to export its oil. Iranian oil exports are likely to increase in the next months for several reasons. The first of these is that US politicians are distracted by the upcoming November 3rd election and will be focusing their efforts there. Iran also likely feels embolden to act in the area as it has recently been able to carry out a number of actions, such as monitoring the USS Nimitz in the Straits of Hormuz via drones flying over the carrier, as well as the rebuke of the US by its allies over the placement of sanctions on Iran. These circumstances will likely further embolden Iran to act in its own interests and increase oil exports to support its embattled economy.

Iran opened a new naval base in the town of Sirik this week. Sirik is at the entrance to the Strait of Hormuz from the Gulf of Oman. Iranian Revolutionary Guard Corps Chief Commander Major General Hossein Salami states that this base will further allow "the country's combat operations, ship operations, reconnaissance as well as defensive and offensive operations in the Persian Gulf will further develop." 21% of global oil shipping sails through the Strait of Hormuz, and Iran has regularly threatened to close the Strait should it be unable to export oil. Last year President Trump tweeted that the US Navy had orders to "blow out of the water" any Iranian military craft which was harassing US Naval Forces in the area. Increased Iranian military activity in the Strait of Hormuz will likely increase tensions with US Naval Forces operating in the area. This poses a risk for low level conflicts in the area between US and Iranian forces. It is unlikely though that Iran will take any steps in the near to midterm to close the Strait of Hormuz given the increase in Iranian oil exports and its dependence on uninterrupted oil exports.

Iran is reportedly now in a third wave of COVID-19, with most of its provinces in a "red" state, the most severe for the pandemic, and the worst outbreak taking place in Tehran. "Do not underestimate Corona," Supreme Leader Ayatollah Khamenei said in a live televised speech last week as health officials in the country stressed the





importance of health measures to curb the spread of COVID-19. This comes at a time when the value of Iran's currency has fallen 49% in the last year and rent prices have spiked. These factors have hit Iran's economy hard with an annual inflation rate of 34.4%. It is expected that Iran's unemployment rate will hit 16.3% this year. Increased illicit oil exports from Iran will have little to no positive effect on Iran's economy as COVID-19, US sanctions and severe unemployment impact the ability of the country to recover in any meaningful way. This will likely push the regime to export increasing amounts of oil, increasing the risk of detection for these exports and tensions with the US.

2.8 Nigeria. The Nigerian military claims 18 people have been killed after an ambush on a government convoy in the country's north-east. Insurgents killed four soldiers, ten police officers and four civilians in the attack. The militants planted improvised explosive devices (IEDs) on the road between the town of Monguno and the fishing town of Baga, said Maj Gen John Enenche, the spokesperson of the Nigerian Defence Headquarters.

Officials were on their way to finalize arrangements for displaced people to return to Baga when they were ambushed. Borno State Governor Babagana Zulum was in an earlier convoy and unharmed. The Islamic State (IS) group claimed responsibility for the attack, claiming 30 people were killed instead. Troops later captured a gun truck from the militants and recovered two police vehicles the attackers had seized. The military has been battling Islamist militants for more than a decade. More than 30,000 people have been killed, and millions have fled their homes because of the insurgency by Islamist militants Boko Haram. They launched their military operation in 2009, and their attacks have spread from north-eastern Nigeria to neighbouring countries Chad, Niger and Cameroon. This attack could signify that rural areas are still not safe enough for displaced people to return.

- **2.9 Mali.** Reports: Former Defence Minister Bah Ndaw was picked by the coup leader, Colonel Assimi Goita, to head a transitional government until elections, which are expected in 18 months. Col Goita chose himself for vice-president. The appointment of a civilian president was a condition for the West African regional group, ECOWAS, to lift the sanctions it imposed after the coup. Food and commodities are running low in the Malian capital, Bamako. After Mr. Ndaw's inauguration, ECOWAS officials said they would only lift the embargo after a civilian prime minister was also appointed. One unclear thing is if Bah Ndaw will be able to lead the country after he's sworn in. He was chosen because he is well respected by both in the military and the general public. He is also favored by Col Assimi Goita. Portraying a unified front will be central to the success of Mr. Ndaw and his vice-president. Any perception that the interim president is not in charge could lead to renewed international pressure on the junta. West African heads of state are afraid the coup in Mali may lead to other uprisings in a region that is facing several elections in the coming months. Members of the opposition M5- RFP coalition, which organized mass protests against the ousted leader, will also be watching closely, having already felt sidelined in the process of appointing a replacement. The next 18 months will be crucial in determining how close or far Mali steers from democracy.
- **2.10 Commercial Real Estate.** Cushman & Wakefield, a global commercial real estate company, released the results of a global survey of large businesses regarding the future of commercial real estate. The company predicts that it will take the industry five years to recover to pre-COVID peak levels, with the impact of the pandemic causing a net 215 million square feet of office space to be lost. Most impacted by this trend will be Canada, the USA and parts of Europe. Before it gets better, the industry will likely see an all time high of vacancies due to more companies switching to working from home both during the pandemic and possibly indefinitely. However, increased employment growth and a change in some professional jobs will likely bring the demand back up to return to its pre-COVID levels by 2025. The future of office work will likely include at least a doubling of individuals



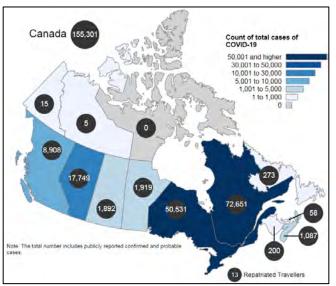


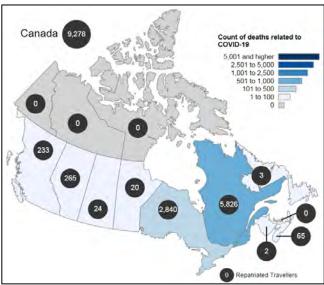
permanently working from home to about 11%, and an increase of almost 5% of hybrid workers (also known as agile workers). Many companies are beginning to see the benefits of allowing remote work and may not be seeing their worries come to fruition regarding decreased worker productivity from home. This will allow people to have a digital nomad lifestyle but may also provide a new market of hires which are willing to work from areas where the wage is lower.

| REGION ‡ | PRE-COVID ‡ | POST-COVID ‡ |
|---------------|-------------|--------------|
| u.s. | 5% | 10% |
| EUROPE | 5.40% | 10.80% |
| CANADA | 5.90% | 9.60% |
| APAC | 2.60% | 5.20% |
| GREATER CHINA | 0.60% | 1.20% |

However, it is still believed that many workers will be permanently working from the office due to the requirements of their job, which may utilize specialized tools or require in person attendance which is be possible to be conducted from home.

3. COVID-19 IN CANADA





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



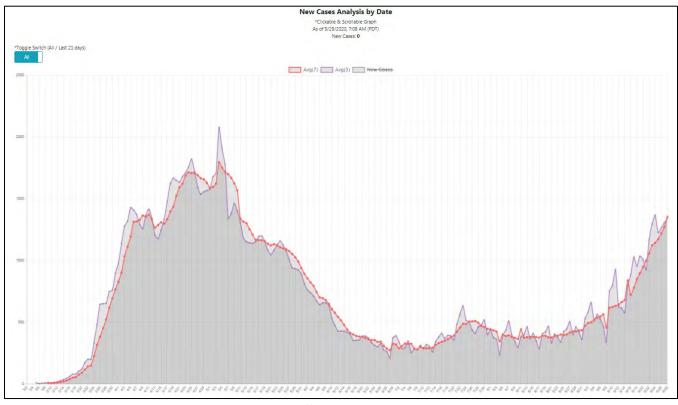


| Prov. | Total Confirmed | Total Deaths | Total Recovered | Total Active |
|-------------------|-----------------|--------------|-----------------|--------------|
| Total | 155,301 | 9,278 | 132,607 | 13,416 |
| BC | 8,908 | 233 | 7,346 | 1,329 |
| ON | 50,531 | 2,840 | 43,127 | 4,564 |
| QC | 72,651 | 5,826 | 61,629 | 5,196 |
| AB | 17,749 | 265 | 15,935 | 1,549 |
| MB | 1,919 | 20 | 1,281 | 618 |
| NB | 200 | 2 | 191 | 7 |
| SK | 1,892 | 24 | 1,719 | 149 |
| PEI | 58 | 0 | 57 | 1 |
| NL | 273 | 3 | 268 | 2 |
| NS | 1,087 | 65 | 1,021 | 1 |
| YT | 15 | 0 | 15 | 0 |
| NT | 5 | 0 | 5 | 0 |
| NU | 0 | 0 | 0 | 0 |
| a | 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 | 7,820,726 | | - | - |
| BC | 528,207 | 1 | 69 | 9 |
| ON | 3,849,337 | 49586 | 128 | 29 |
| QC | 1,498,720 | | 212 | 37 |
| AB | 1,320,550 | 9 | 63 | 15 |
| МВ | 180,750 | * | 13 | 7 |
| NB | 75,355 | 4 | 0 | 0 |
| SK | 188,068 | + | 8 | 0 |
| PEI | 33,196 | 60 | 1-9 | - |
| NL | 41,130 | * | 0 | 0 |
| NS | 94,126 | | 1 | 1 |
| YT | 3,342 | 24 | 4 | 4 |
| NT | 5,133 | 24 | 0 | 0 |
| NU | 2,812 | 459 | 0 | 0 |
| Rate of change | ↑ 0.0% | | | - |







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

3.1. CANADA NEWS

- Surge in COVID-19 cases worrisome but hospitalizations still lower than first wave, doc says
- Quebec tightening COVID-19 restrictions as 3 regions put on red alert
- Ontario sees single-day record of 700 new COVID-19 cases as calls grow to return to Stage 2
- MPs asked to fast-track new bill with reworked unemployment, sickness benefits
- These are the COVID-19 protocols in public schools across Canada
- 20th person dies of COVID-19 in Manitoba as 39 new cases reported
- B.C. reports 267 new COVID-19 cases over three days, as active cases continue to drop





4. COVID-19 IN USA



| USA State J↑ | Total Cases ↓₹ | Total Deaths 🎵 | Total Recovered ↓↑ | Active Cases 🎵 | Tot Cases/ 1M pop 👫 | Deaths/ 1M pop 🎼 | Total Tests 📗 | Tests/ 1M pop ↓↑ | Population 🕸 |
|---------------------|-------------------|-------------------|-----------------------|-------------------|------------------------|---------------------|------------------|---------------------|--------------|
| USA Total | 7,365,427 | 209,922 | 4,611,282 | 2,544,223 | 22,252 | 634 | 105,432,447 | 318,524 | |
| California | 813,257 | 15,641 | 415,169 | 382,447 | 20,582 | 396 | 14,484,852 | 366,592 | 39,512,223 |
| <u>Texas</u> | 777,165 | 15,923 | 675,753 | 85,489 | 26,803 | 549 | 6,677,931 | 230,306 | 28,995,881 |
| <u>Florida</u> | 701,302 | 14,043 | 296,000 | 391,259 | 32,653 | 654 | 5,268,827 | 245,316 | 21,477,737 |
| New York | 490,860 | 33,229 | 393,337 | 64,294 | 25,232 | 1,708 | 10,561,122 | 542,889 | 19,453,561 |
| Georgia | 315,281 | 6,961 | 92,018 | 216,302 | 29,695 | 656 | 3,199,951 | 301,387 | 10,617,423 |
| Illinois | 292,128 | 8,858 | 206,736 | 76,534 | 23,053 | 699 | 5,520,652 | 435,664 | 12,671,821 |
| Arizona | 217,510 | 5,623 | 34,998 | 176,889 | 29,883 | 773 | 1,740,990 | 239,189 | 7,278,717 |
| North Carolina | 208,248 | 3,445 | 184,422 | 20,381 | 19,856 | 328 | 2,999,853 | 286,025 | 10,488,084 |
| New Jersey | 207,977 | 16,225 | 170,751 | 21,001 | 23,415 | 1,827 | 3,566,304 | 401,512 | 8,882,190 |
| Tennessee | 193,732 | 2,389 | 176,030 | 15,313 | 28,368 | 350 | 2,840,109 | 415,879 | 6,829,174 |
| Louisiana | 165,091 | 5,480 | 149,640 | 9,971 | 35,513 | 1,179 | 2,288,394 | 492,255 | 4,648,794 |
| <u>Pennsylvania</u> | 161,644 | 8,189 | 128,597 | 24,858 | 12,626 | 640 | 2,007,435 | 156,806 | 12,801,989 |
| Alabama | 153,554 | 2,517 | 64,583 | 86,454 | 31,317 | 513 | 1,177,947 | 240,241 | 4,903,185 |
| Ohio | 152,022 | 4,768 | 130,859 | 16,395 | 13,005 | 408 | 3,097,655 | 265,004 | 11,689,100 |
| Virginia | 147,516 | 3,187 | 17,483 | 126,846 | 17,283 | 373 | 2,176,264 | 254,966 | 8,535,519 |
| South Carolina | 146,455 | 3,337 | 70,430 | 72,688 | 28,445 | 648 | 1,386,564 | 269,303 | 5,148,714 |
| Michigan | 135,702 | 7,051 | 95,051 | 33,600 | 13,588 | 706 | 3,922,158 | 392,732 | 9,986,857 |
| Massachusetts | 131,072 | 9,415 | 111,479 | 10,178 | 19,017 | 1,366 | 2,454,670 | 356,136 | 6,892,503 |







- **Chicago:** The rolling seven-day statewide positivity rate is 3.7%, according to the Illinois Department of Public Health. That figure is higher both in Cook County (4.6%) and Chicago (4.7%)
- **Houston:** Houston appears to have survived the Labor Day weekend without a COVID- 19 spike, according to the most recent data.
- Las Vegas: Data released Saturday notes 602 new COVID-19 cases in Nevada and 425 in Clark County, a first for the month of September. Despite this data Governor Sisolak announced Friday that he will lift certain restrictions across the state.
- Phoenix: Gov. Doug Ducey emphasized his commitment to keeping the state open in a "safe and healthy way"
 during a news conference this week, with no current plans for "dramatic changes" to be made despite "a
 gradual rise in cases."
- Salt Lake City: Among the 15-24 age group, cases have been spiking dramatically, leading to record-high case counts. As of Thursday, outbreaks at eight high schools have caused them to temporarily stop in-person classes.
- Seattle: While domestic air travel at airports including Sea-Tac is up from the lows when COVID-19 first struck, it is still about 70% below where it was last year. Operators are considering rapid COVID-19 testing for passengers to possibly increase capacity and traffic.
- **St Petersburg:** Gov. Ron DeSantis Lifts Florida's Capacity Limits on Restaurants, Other Businesses Due to COVID-19.

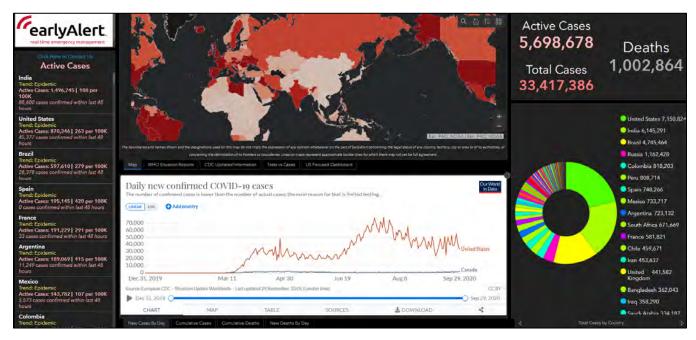
4.1. USA NEWS

- Positive COVID-19 test rates top 25% in some U.S. Midwest states
- World must get COVID-19 under control before winter comes to Northern Hemisphere: WHO doctor
- About 9% of Americans exposed to COVID-19 by midsummer. That's a long way from herd immunity.
- Nearly 280,000 U.S. schoolchildren have had coronavirus: study
- New Normal: 15 ways cities can emerge better than ever after COVID-19
- Second Covid-19 wave could turn cracks in the hospital system into 'earthquakes'
- The U.S. is 'not in a good place' as daily coronavirus cases grow beyond 40,000, Fauci says
- Covid-19 twice as likely in teens than in younger kids





5. GLOBAL COMMON OPERATING PICTURE



| | | Total Confirmed | Total Deaths | | | | Total Recovered | | | Mortality Rat | e |
|----|-----------------|-----------------|------------------------|------------------|-----------|-------|-----------------|-----------|--------------|-----------------|---------------|
| | | 33,617,596 | 1,007,660 | | | | 24,924,409 | | | 3% | |
| # | Country | | Confirmed | Deaths | Recov. | Mort. | Critical | Active | Cases /1M | Active , /1M | Deaths /1M |
| 1 | USA us | | 7,365,113 (+3,502) | 209,906 (198) | 4,611,090 | 2.9% | 14,062 | 2,544,117 | 22,219 | 7675 | 633 |
| 2 | India IN | | 6,156,722 (*13,703) | 96,468 (+117) | 5,109,584 | 1.6% | 8,944 | 950,670 | 4,451 | 687 | 70 |
| 3 | Brazil se | | 4,748,327 | 142,161 | 4,084,182 | 3.0% | 8,318 | 521,984 | 22,300 | 2451 | 668 |
| 4 | Russia Ru | | 1,167,805 (↑8,232) | 20,545 (*160) | 952,399 | 1.8% | 2,300 | 194,861 | 8,001 | 1335 | 141 |
| 5 | Colombia co | | 818,203 | 25,641 | 722,536 | 3.1% | 2,220 | 70,026 | 16,039 | 1373 | 503 |
| 6 | Peru PE | | 808,714 | 32,324 | 670,989 | 4.0% | 1,354 | 105,401 | 24,445 | 3186 | 977 |
| 7 | | | 748,266 | 31,411 | n/a | 4.2% | 1,529 | 716,855 | 16,003 | 15331 | 672 |
| 8 | Мехісо мх | بے ۔ | 733,717 (+3,400) | 76,603 (*173) | 527,278 | 10.4% | 2,334 | 129,836 | 5,676 | 1004 | 593 |
| 9 | Argentina AR | | 723,132 | 16,113 | 576,715 | 2.2% | 3,678 | 130,304 | 15,964 | 2877 | 356 |
| 10 | South Africa za | | 671,669 | 16,586 | 604,478 | 2.5% | 539 | 50,605 | 11,290 | 851 | 279 |
| 11 | France FR | | 542,639 | 31,808 | 95,426 | 5,9% | 1,118 | 415,405 | 8,309 | 6361 | 487 |
| 12 | Chile a | | 459,671 | 12,698 | 433,016 | 2.8% | 884 | 13,957 | 23,996 | 729 | 663 |
| 13 | Iran IR | | 453,637 (+3,677) | 25,986 (+207) | 378,727 | 5.7% | 4,079 | 48,924 | 5,384 | 581 | 308 |
| 14 | UK GB | | 439,013 | 42,001 | n/a | 9.6% | 262 | 397,012 | 6,459 | 5841 | 618 |
| 15 | Bangladesh 80 | | 362,043 (*1,488) | 5,219 (+26) | 273,698 | 1.4% | n/a | 83,126 | 2,193 | 504 | 32 |
| 16 | Iraq ro | | 358,290 (+4,724) | 9,122 (±70) | 288,812 | 2.5% | 559 | 60,356 | 8,860 | 1493 | 226 |
| 17 | Saudi Arabia sa | x - | 334,187 (↑539) | 4,739 (+27) | 318,542 | 1.4% | 1,005 | 10,906 | 9,563 | 312 | 136 |
| 18 | Turkey TR | | 315,845 | 8,062 | 277,052 | 2.6% | 1,596 | 30,731 | 3,735 | 363 | 95 |
| 19 | Pakistan ek | | 311,516 (^675) | 6,474 (+8) | 296,340 | 2.1% | 419 | 8,702 | 1,404 | 39 | 29 |
| 20 | Italy IT | | 311,364 | 35,851 | 225,190 | 11,5% | 264 | 50,323 | 5,152 | 833 | 593 |
| 21 | Philippines PH | | 309,303 (+2,025) | 5,448 (1.68) | 252,930 | 1.8% | 1,758 | 50,925 | 2,814 | 463 | 50 |
| 22 | Germany DE | | 289,020 (*402) | 9,545 | 252,400 | 3.3% | 353 | 27,075 | 3,447 | 323 | 114 |
| 23 | Indonesia 10 | | 282,724 (*4,002) | 10,601 (*128) | 210,437 | 3.7% | n/a | 61,686 | 1,031 | 225 | 39 |
| 24 | Israel 1L | | 234,060 (↑795) | 1,516 (19) | 167,032 | 0.6% | 799 | 65,512 | 25,448 | 7123 | 165 |
| 25 | Ukraine ux | | 204,932 (+3,627) | 4,065 (1:69) | 90,250 | 2.0% | 177 | 110,617 | 4,693 | 2533 | 93 |
| 26 | Canada ca | | 155.301 | 9 278 | 132 607 | 6.0% | 110 | 13 416 | 4.098 | 355 | 245 |





6. LAW ENFORCEMENT AND CRIME REPORTING

- Dispute over face mask led to Surrey bus brawl, transit police say
- Police dole out few fines despite thousands of COVID-19 complaints in Alberta
- Police told not to download UK Covid-19 app

7. TRAVEL

- The birth of a ghost town: Point Roberts has lost 80% of its business, hundreds of its residents
- Japan to gradually lift COVID travel alerts from October
- U.S. House COVID-19 aid proposal gives airlines bailout hope, but chances slim

8. SOLUTION AND RESPONSE EFFORTS

- Coronavirus death rate dropping amid better ICU treatments
- Advocacy group warns that 500,000 sharks may need to die for a COVID-19 vaccine
- Some scientists taking 'DIY inoculations' instead of waiting for COVID-19 vaccine
- Hidden immune weakness found in 14% of gravely ill COVID-19 patients

9. MEDICAL INFORMATION

- Children have 44% lower odds of catching COVID-19 than adults, UK analysis
- The implications of vitamin D deficiency on COVID-19 for at-risk populations
- Russia supplies Covid-19 vaccine to Belarus for clinical trials

10. INTERNATIONAL DATA

- Over 1 million people have now died of coronavirus worldwide
- Australia COVID-19 hot spot says cases fall to single digits
- Italy avoids Europe's dramatic virus uptick, but for how long?
- In Brazil's Amazon a COVID-19 resurgence dashes herd immunity hopes
- In a month, India's coronavirus cases double from 3 million to 6 million
- Africa's low COVID-19 death rate has multiple causes, WHO says

11. ECONOMIC IMPACT

- The pandemic is plunging millions back into extreme poverty
- Grocers Stockpile, Build 'Pandemic Pallets' Ahead of Winter
- North American stock markets push higher in late-morning trading, loonie up
- Office real estate market will get back to pre-Covid level, in 2025: Cushman & Wakefield
- An economist explains what COVID-19 has done to the global economy

12. CYBER NEWS

- One COVID cyber threat you may not have considered
- Locked-up computer systems part of 'terrifying' ransomware scourge
- COVID-19 test booking site like playing 'lottery,' say frustrated parents







End Report

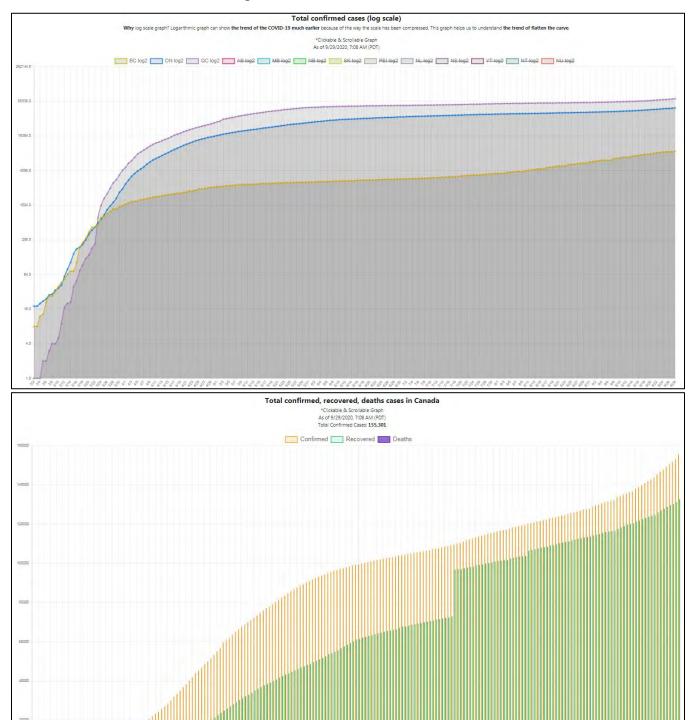
Please submit feedback to:

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13. APPENDIX A - Canadian Tracking Information

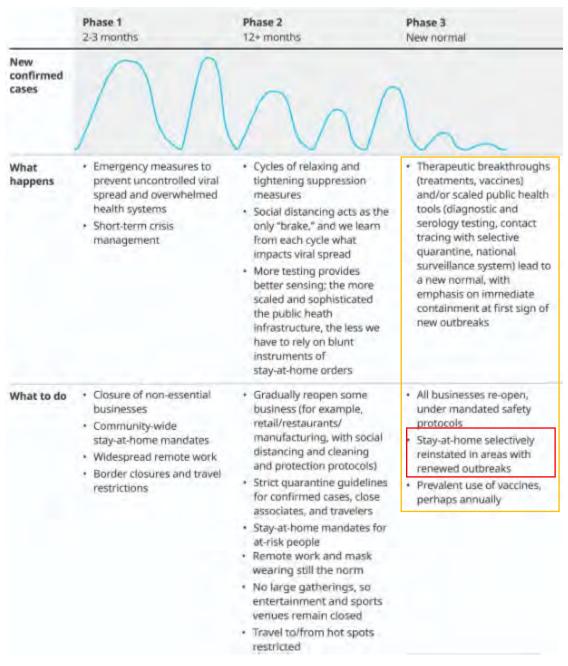


Source: https://www.covid-19canada.com/graphs





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