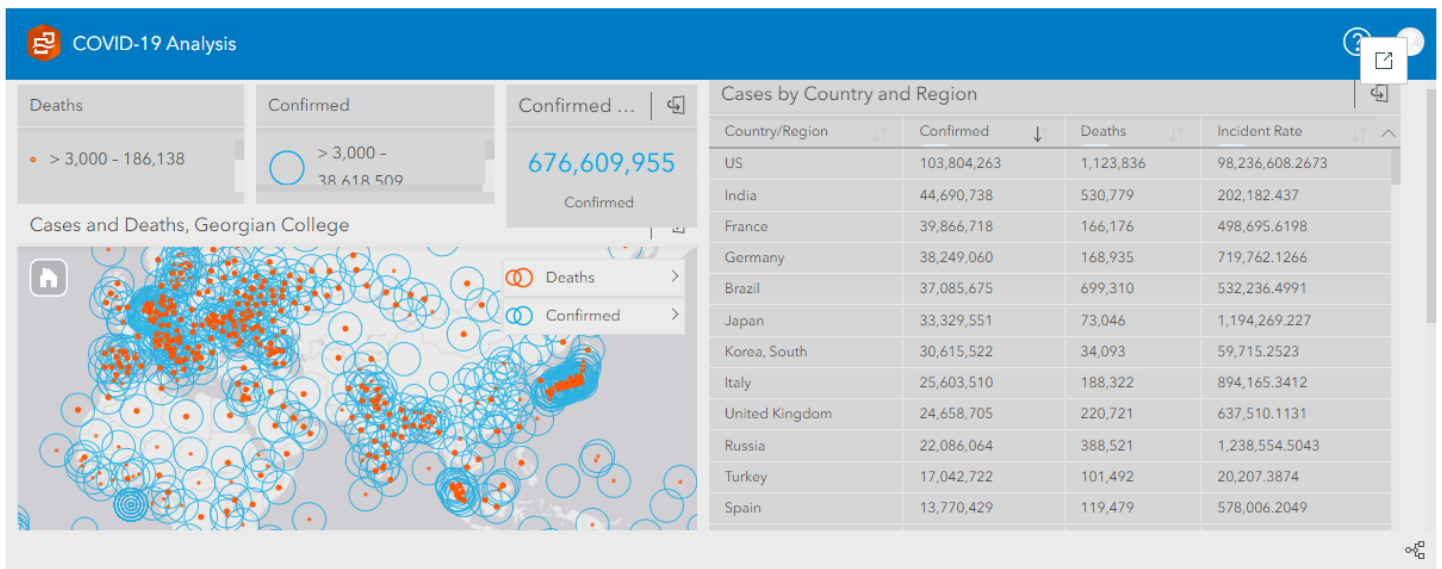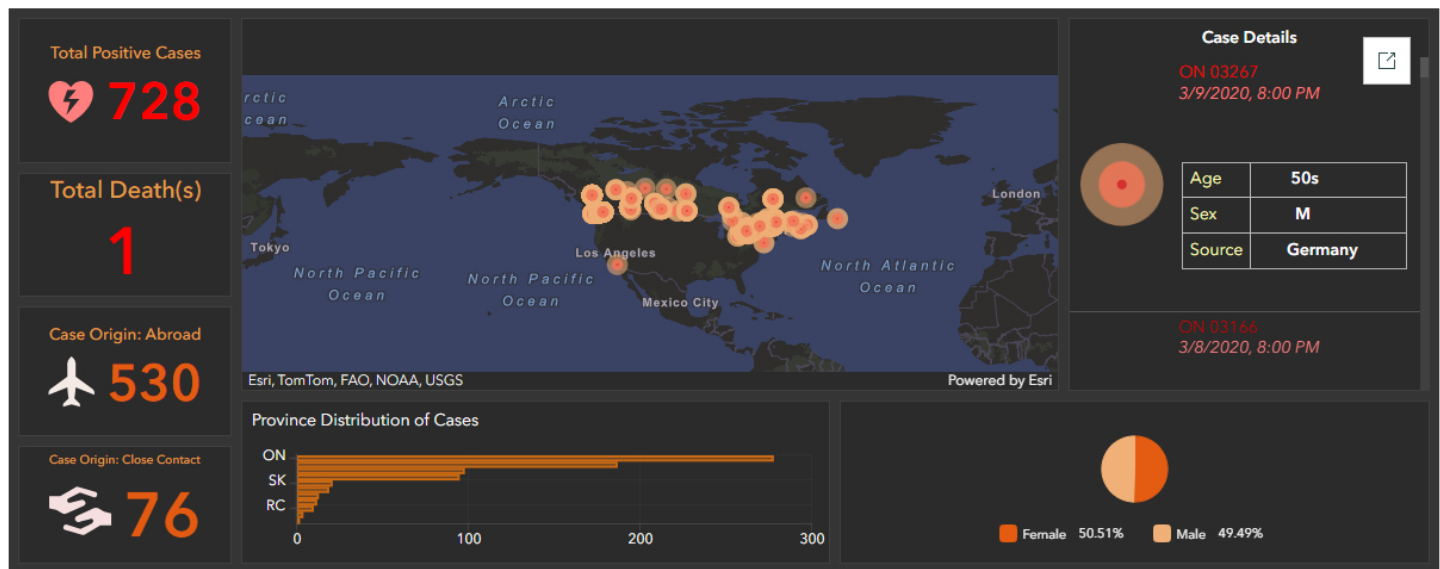# Mapping COVID-19

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Draft

COVID-19, emerged in late 2019 and quickly spread globally, leading to a pandemic. As of January 2022, the virus has resulted in over 380 million confirmed cases worldwide and more than 5.7 million deaths. Its rapid transmission through respiratory droplets has prompted extensive public health measures like mask-wearing, social distancing, and vaccination campaigns to mitigate its spread and impact on health systems and economies globally.

COVID-19 Analysis

Country/Region	Confirmed	Deaths	Incident Rate
US	103,804,263	1,123,836	98,236,608.2673
India	44,690,738	530,779	202,182.437
France	39,866,718	166,176	498,695.6198
Germany	38,249,060	168,935	719,762.1266
Brazil	37,085,675	699,310	532,236.4991
Japan	33,329,551	73,046	1,194,269.227
Korea, South	30,615,522	34,093	59,715.2523
Italy	25,603,510	188,322	894,165.3412
United Kingdom	24,658,705	220,721	637,510.1131
Russia	22,086,064	388,521	1,238,554.5043
Turkey	17,042,722	101,492	20,207.3874
Spain	13,770,429	119,479	578,006.2049

Deaths: > 3,000 – 186,138
Confirmed: > 3,000 – 38,618,509
Confirmed: 676,609,955 Confirmed
Cases and Deaths, Georgian College

ArcGIS Insights

As of the latest data, the countries with the highest COVID-19 statistics include the United States, India, Brazil, Mexico, Russia, and the United Kingdom. The U.S. leads in both confirmed cases and deaths, driven by its large population and significant virus spread. India has faced severe outbreaks, resulting in high case and death numbers, particularly during major waves. Brazil has experienced extensive transmission and high incident rates, while Mexico and Russia have reported substantial cases and deaths, influenced by varying healthcare capacities and public health responses. The United Kingdom has also seen significant case and death numbers, with fluctuations in incident rates due to new

Total Positive Cases
❤ 728

Total Death(s)
1

Case Origin: Abroad
✈ 530

Case Origin: Close Contact
🔁 76

Esri, TomTom, FAO, NOAA, USGS

Case Details
ON 03267
3/9/2020, 8:00 PM

Age	50s
Sex	M
Source	Germany

ON 03166
3/8/2020, 8:00 PM

Powered by Esri

Province Distribution of Cases
ON
SK
RC
0   100   200   300

Female 50.51%   Male 49.49%

ArcGIS Dashboards

As of the latest data, Canada has reported substantial COVID-19 statistics, though significantly lower in comparison to some of the hardest-hit countries. Canada has recorded several million confirmed cases and tens of thousands of deaths. The country has managed the pandemic with various public health measures, including lockdowns, social distancing, and extensive vaccination campaigns, which have helped to mitigate the impact relative to some other nations. Canada's incident rate has varied, with fluctuations during different waves of infection. The healthcare system has generally been able to manage the case load, though certain regions have experienced significant strain at times. Continued efforts in vaccination and public health strategies remain crucial in controlling the spread and impact of the virus in Canada.
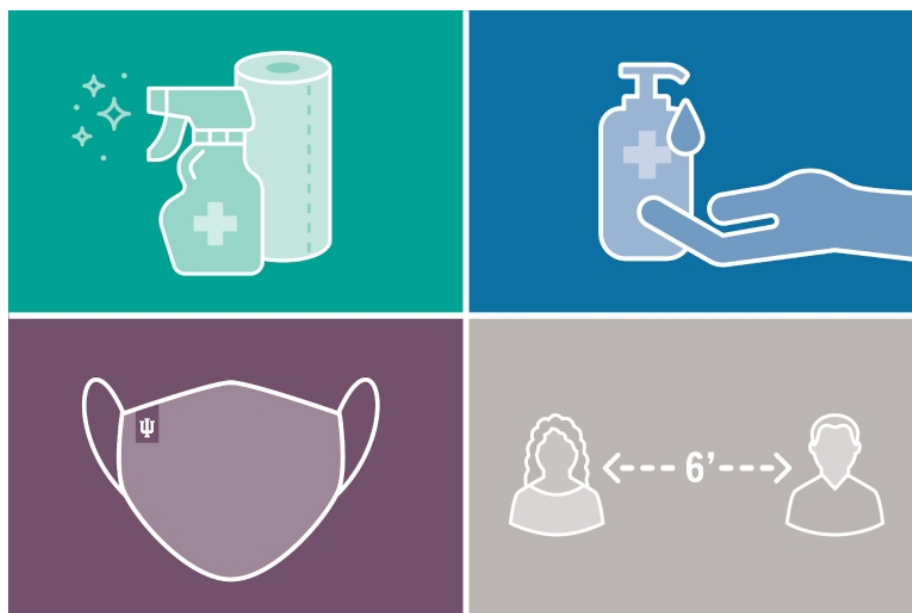
To ensure safety during the COVID-19 pandemic, it's crucial for the general public to

adhere to several key procedures. Wear a mask that covers both your nose and mouth in indoor public spaces, crowded outdoor areas, and whenever you're near people from outside your household. Maintain a distance of at least 6 feet from others, whether indoors or outdoors, to minimize the risk of transmission. Practice frequent handwashing with soap and water for at least 20 seconds, especially after being in public places or touching surfaces. Use hand sanitizer with at least 60% alcohol if soap and water are unavailable. Follow proper respiratory etiquette by covering your mouth and nose with a tissue or your elbow when coughing or sneezing, and avoid touching your face. Stay home if you're feeling unwell, experiencing COVID-19 symptoms, or have been in contact with someone diagnosed with COVID-19. Stay informed about local health guidelines, get vaccinated when eligible, and support those in your community who may be more vulnerable. Regularly clean and disinfect frequently touched surfaces, and monitor your health for any signs of illness. By following these guidelines, individuals can contribute to mitigating the spread of COVID-19 and protecting themselves and others.