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A SAGE Publishing Resource

Researching the Impact of Coronavirus Using Data

Data collection and processing by source organizations takes time—statistical evidence of the impact of COVID-19 is still emerging. Data releases by international organizations such as the International Monetary Fund, World Bank, and United Nations are typically latent because individual nations collect data, and then submit findings to the international organizations who then process and disseminate it, all of which takes time. More statistical evidence of the impact of the Coronavirus will become available in the days, months, and years to come.

Some statistical evidence now available in Data Planet that shows the early impact of COVID-19, primarily at the US national and state levels, can help explore questions, such as:

What is the impact on unemployment in the United States?
- This chart compares unemployment claims for the week ending 3/14/2020 (reported on 3/21/2020) and one month prior for 10 states:
  https://doi.org/10.6068/DP17140E1E87231

- Unemployment trends of three states over time:
  https://doi.org/10.6068/DP17140E47BED32

How has the U.S. Federal Reserve Bank responded?
- Prime rate trend:
  https://doi.org/10.6068/DP17140E688B533

- Federal Funds Effective Rate:
  https://doi.org/10.6068/DP17140F32BFD37

How has the U.S. stock market responded?
- Dow Jones Industrial Average:
  https://doi.org/10.6068/DP17140ED74DC36

What U.S. industries have been heavily hit and why?
- Trend showing the drop in share prices of Darden Group Inc. (the restaurant group owning Olive Garden, Red Lobster, etc.):
  https://doi.org/10.6068/DP17140EA880535

What other concurrent world events have impacted responses by nations and businesses to the COVID-19 pandemic?
- Saudi Arabia and Russia have lowered the price of crude:
  https://doi.org/10.6068/DP17140E876D834

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