

# Predictive Monitoring of COVID-19

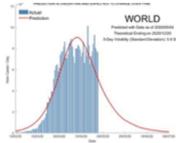
(Updated on May 5)

**\*Statement:** This site presents an independent research project, not funded by any agency, and not tied to any company, government, or political party. We acknowledge the enormous input, feedback, inspiration, and support of the people and the global community that has allowed for the continual improvement of this research.

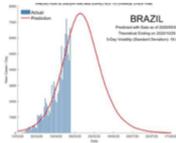
The site provides continuous [predictive monitoring](#) of COVID-19 as a complement to traditional monitoring or traditional prediction practices. [SIR \(susceptible-infected-recovered\) model](#) is regressed with daily updated data from different countries to estimate the pandemic life cycle curves and theoretical ending dates, with codes from [Milan Batista](#) and data from [Our World in Data](#). The continuously updated predictions with the latest data are expected to change as the result of the changes in real-world scenarios over time. Monitoring such changes in the predictions of untestable theoretical future events is aimed to sense uncertainty (indicated by [volatility](#)) and detect dynamic changes in present real-world scenarios. Motivation, theory, method, examples, and caution are in this [paper](#). Below are other and more systematic COVID-19 forecasting efforts around the world.

- The University of Washington <https://covid19.healthdata.org/projections>
- The University of Texas at Austin <https://covid-19.tacc.utexas.edu/projections/>
- Imperial College London <https://www.imperial.ac.uk/mrc-global-infectious-disease-analysis/covid-19/>
- Massachusetts Institute of Technology <https://idss.mit.edu/research/idss-covid-19-collaboration-isolat/>

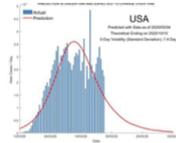
**\*Disclaimer:** Content from this website is STRICTLY ONLY for educational and research purposes and may contain errors. The model and data are inaccurate to the complex, evolving, and heterogeneous realities of different countries. Predictions are uncertain by nature. Readers must take any predictions with caution. Over-optimism based on some predicted end dates is dangerous because it may loosen our disciplines and controls and cause the turnaround of the virus and infection, and must be avoided.



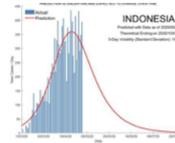
World



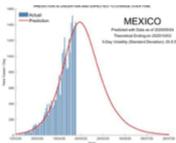
Brazil



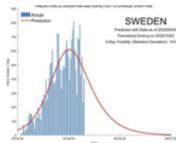
United States



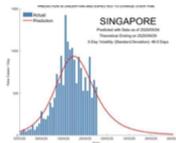
Indonesia



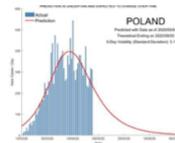
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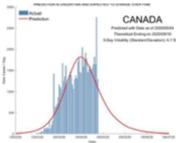
Sweden



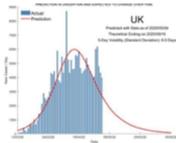
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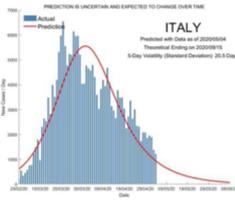
Poland



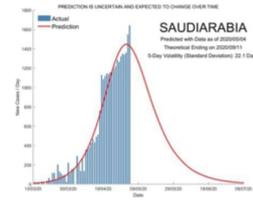
Canada



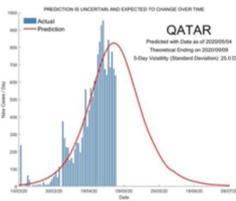
United Kingdom



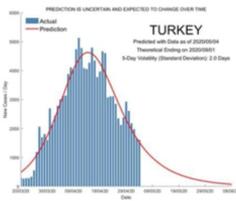
Italy



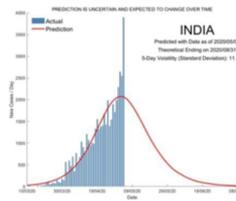
Saudi Arabia



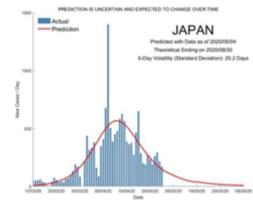
Qatar



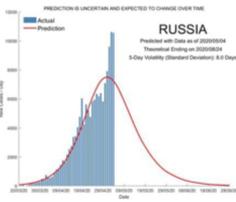
Turkey



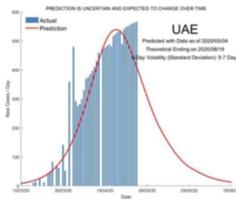
India



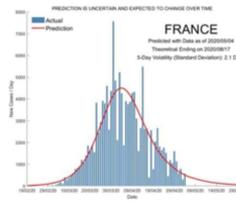
Japan



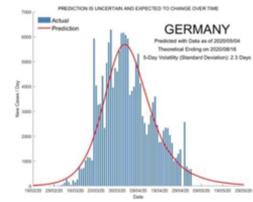
Russia



United Arab Emirates



France



Germany

Spain

Netherlands

Switzerland