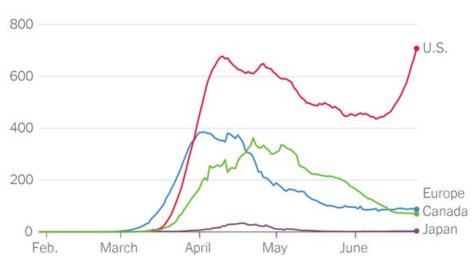


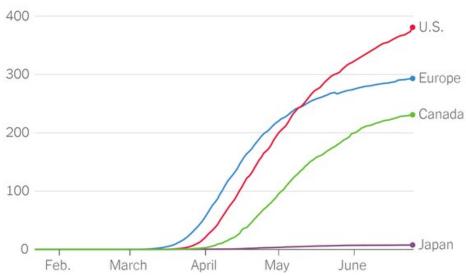
Two Graphs

New confirmed cases per million residents, previous seven days



Europe includes all countries fully in Europe, regardless of E.U. status.

Total Covid-19 deaths per million residents

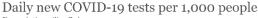


Europe includes all countries fully in Europe, regardless of E.U. status.

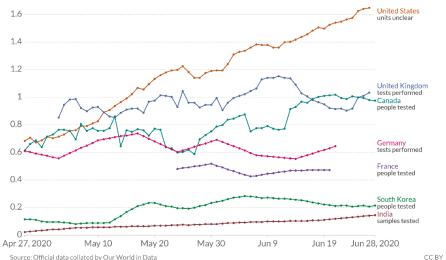


Is it Testing?

Our World in Data



Shown is the rolling 7-day average.



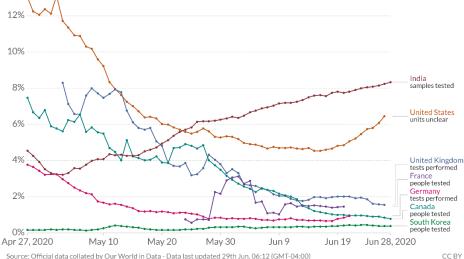
Source: Official data collated by Our World in Data Note: For testing figures, there are substantial differences across countries in terms of the units, whether or not all labs are included, the extent

to which negative and pending tests are included and other aspects. Details for each country can be found on ourworldindata.org/covid-testing.

The share of daily COVID-19 tests that are positive

Shown is the rolling 7-day average. The number of confirmed cases divided by the number of tests, expressed as a percentage. Tests may refer to the number of tests performed or the number of people tested – depending on which is reported by the particular country.





Source: Official data collated by Our World in Data - Data last updated 29th Jun, 06:12 (GMT-04:00)



Our World in Data





- State by state approach
- Politicians and the media driving
 - Misinformation
 - Inconsistent messaging
- Date versus data driven response
- People and culture



Iowa, Montana, Wisconsin, South Dakota — have no mask requirements at all

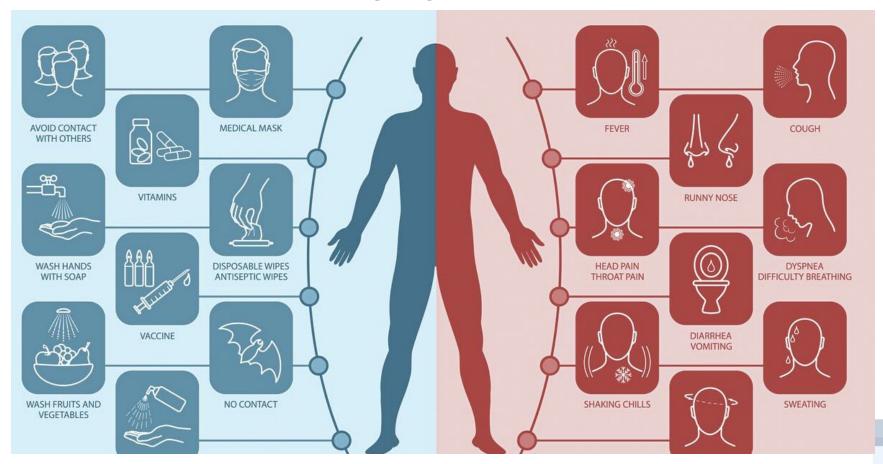








Symptoms





Symptoms of COVID-19

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

Symptoms may appear 2-14 days after exposure to the virus

35+% of people may be **asymptomatic**





Prevalence of Symptoms

- 88% of patients develop a fever
- 68% of patients develop a dry cough
- 40-53% get loss of smell +/- taste
- 38-70% of patients develop fatigue
- 20% of patients develop shortness of breath
- 23% of patients experienced wheezing
- 15-35% develop muscle pain
- 14% get a sore throat or headache





Additional Symptoms

- Neurological symptoms ~25% experience:
 - Dizziness, headache, confusion or delirium, seizure, and impaired balance or coordination.
 - Among those symptoms, dizziness was the most common, affecting nearly 17% of patients





Serious symptoms

- Bluish skin or lips due to lack of oxygen in the blood
- Shortness of breath
- Persistent pain or pressure in the chest
- New confusion
- Inability to wake or stay awake





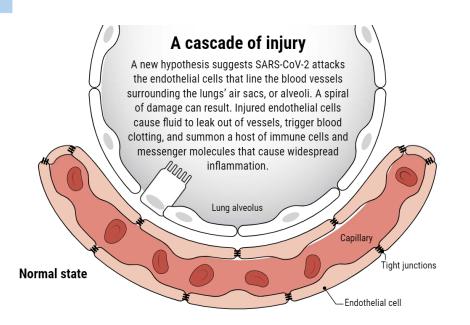


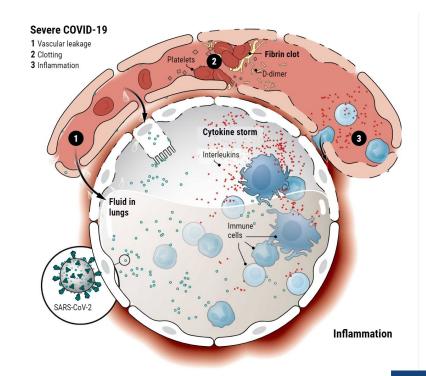
Clotting & COVID-19

- It's possible that the virus attacks blood vessels directly, or
- A strong inflammatory response that damages blood vessels, or
- Low oxygen levels may also damage blood vessels



Potential Mechanism



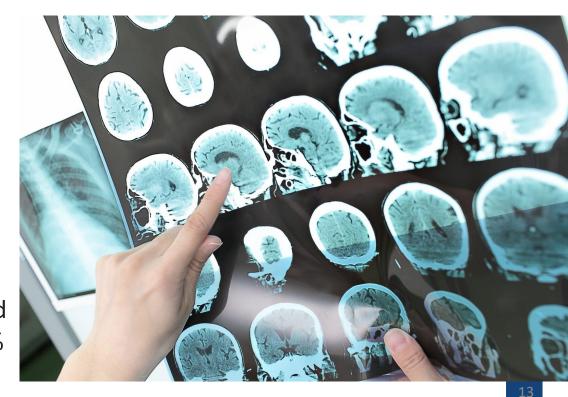






Strokes

- Tended to be younger, average age of 63 years vs.
 70 years for non-COVID stroke patients;
- Had more severe strokes
- Had more clotting
- Were more likely to have a cryptogenic stroke
- Were more likely to be dead at hospital discharge, 63.6% vs. 9.3%.







Coagulation Complications

- Kidney damage
- Multiple organ dysfunction syndrome (MODS)
- Heart, Liver, intestines ? Placenta
- Peripheral limb clots amputation
- COVID-toe





Face Shields Vs. Masks



