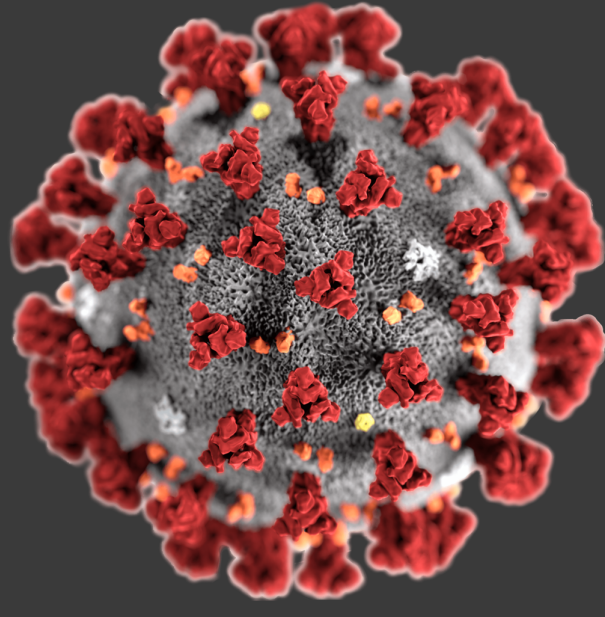


# COVID-19 #CoronaVirus

Everything You Need To Know About #CoronaVirus



Coronaviruses (CoV) are a large family of viruses that cause illness ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS-CoV) and Severe Acute Respiratory Syndrome (SARS-CoV).

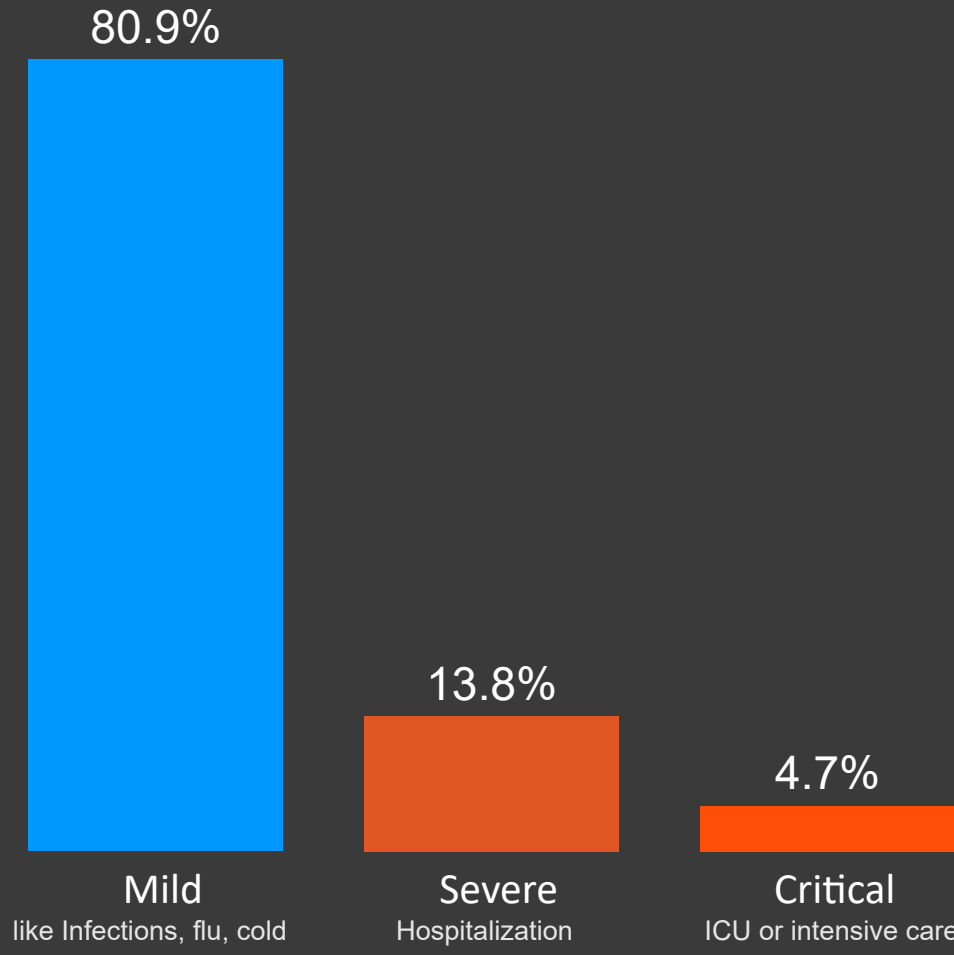
Coronavirus disease (COVID-19) is a new strain that was discovered in 2019 and has not been previously identified in humans.

Coronaviruses are zoonotic, meaning they are transmitted between animals and people.

Common signs of infection include respiratory symptoms, fever, cough, shortness of breath and breathing difficulties. In more severe cases, infection can cause pneumonia, severe acute respiratory syndrome, kidney failure and even death.

Source: [WHO](#)

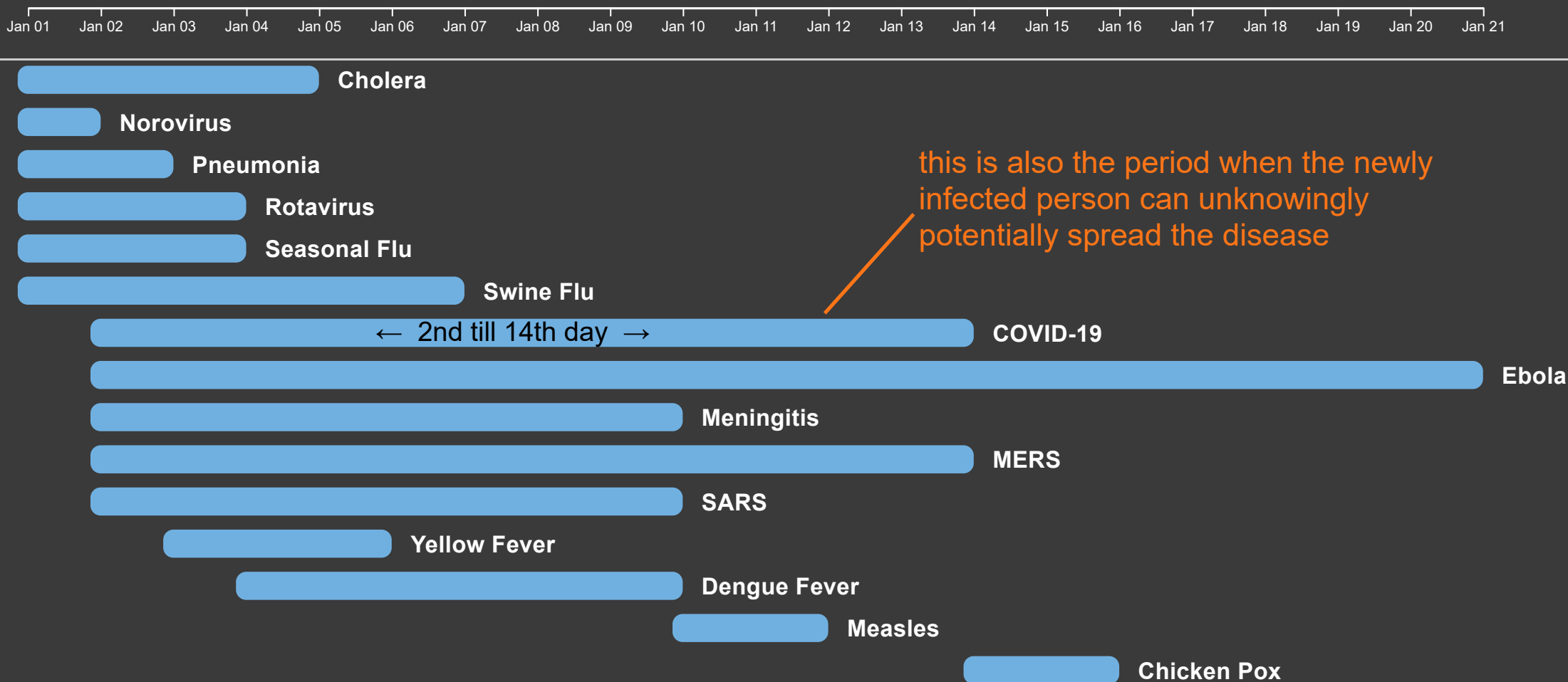
The presence of CoV is hard to detect in the early days as **majority of symptoms** are of mild infections, flu and mild cold



Source: [China CDC Weekly](#)

The other reason it stays undetected in the early days is also because of its **Incubation Period**

Assuming the test case came in contact with the virus on Jan 01, then the Range of time after infection but before showing any symptoms would be,

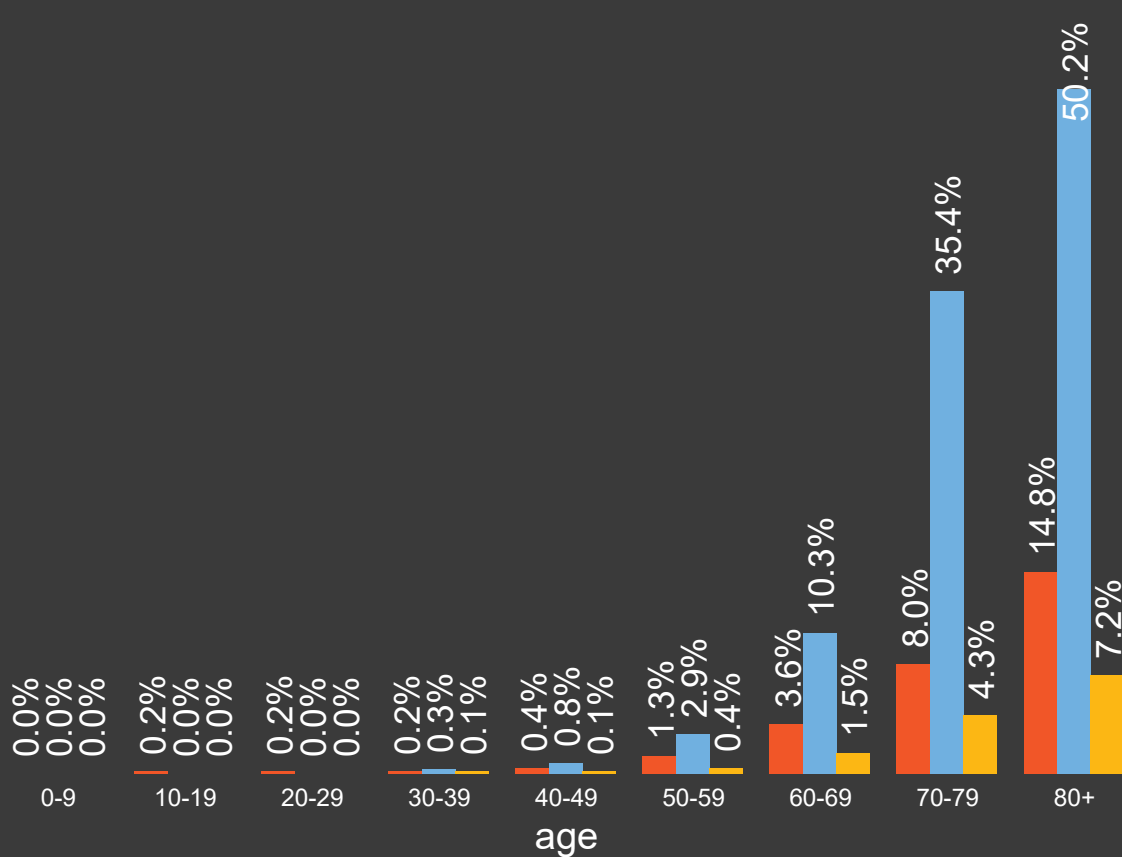


Source: [Worldometers](#), WHO, CDC

Statistically speaking from the early epicenter countries of the world, **Elderly people are the ones at Greater Risk**

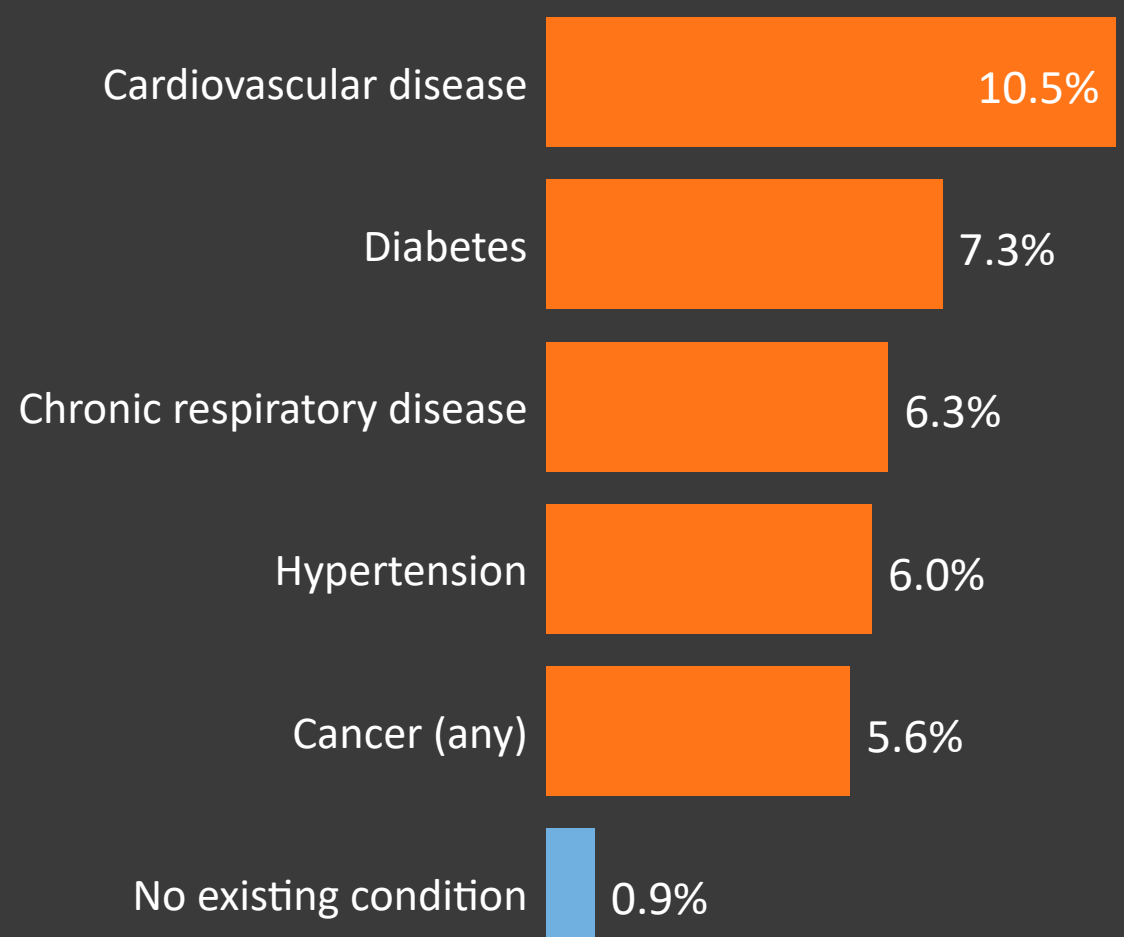
% confirmed cases who died in

● China ● Italy ● South Korea



Source: [China CDC Weekly](#), [Andreas Backhaus](#), [Istituto Superiore Di Sanita](#) & [Business Insider](#)

Especially those with Existing Conditions  
% cases with other **serious ailments** who died

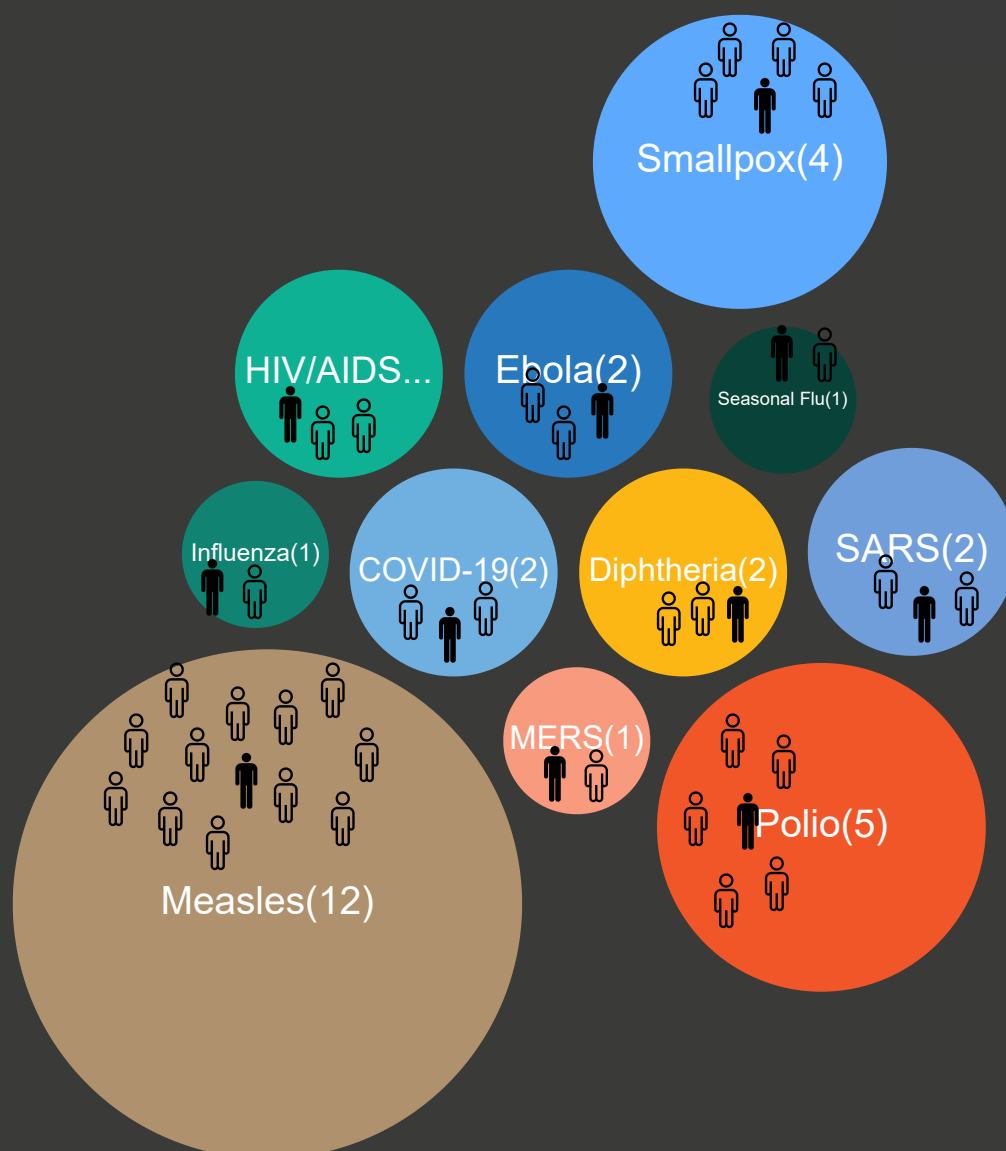


Source: [China CDC Weekly](#)

So how Contagious or Dangerous is it?

Based on the current **R0 value** it is more contagious than any regular flu.

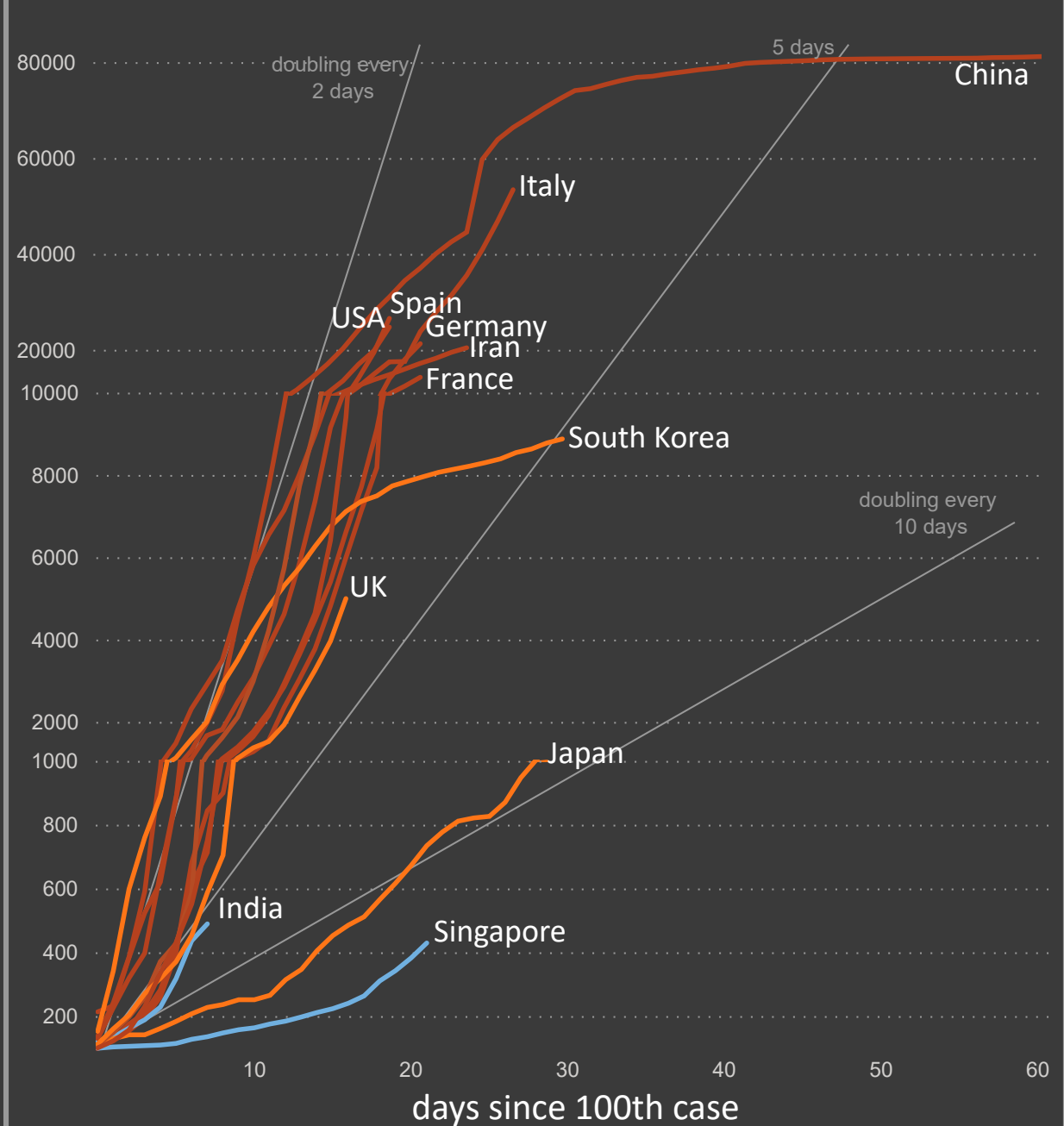
R0 is a mathematical term that tells you the average number of people who will catch a disease from one contagious person.



Source: [Wikipedia](#)

How rapidly is the virus spreading?

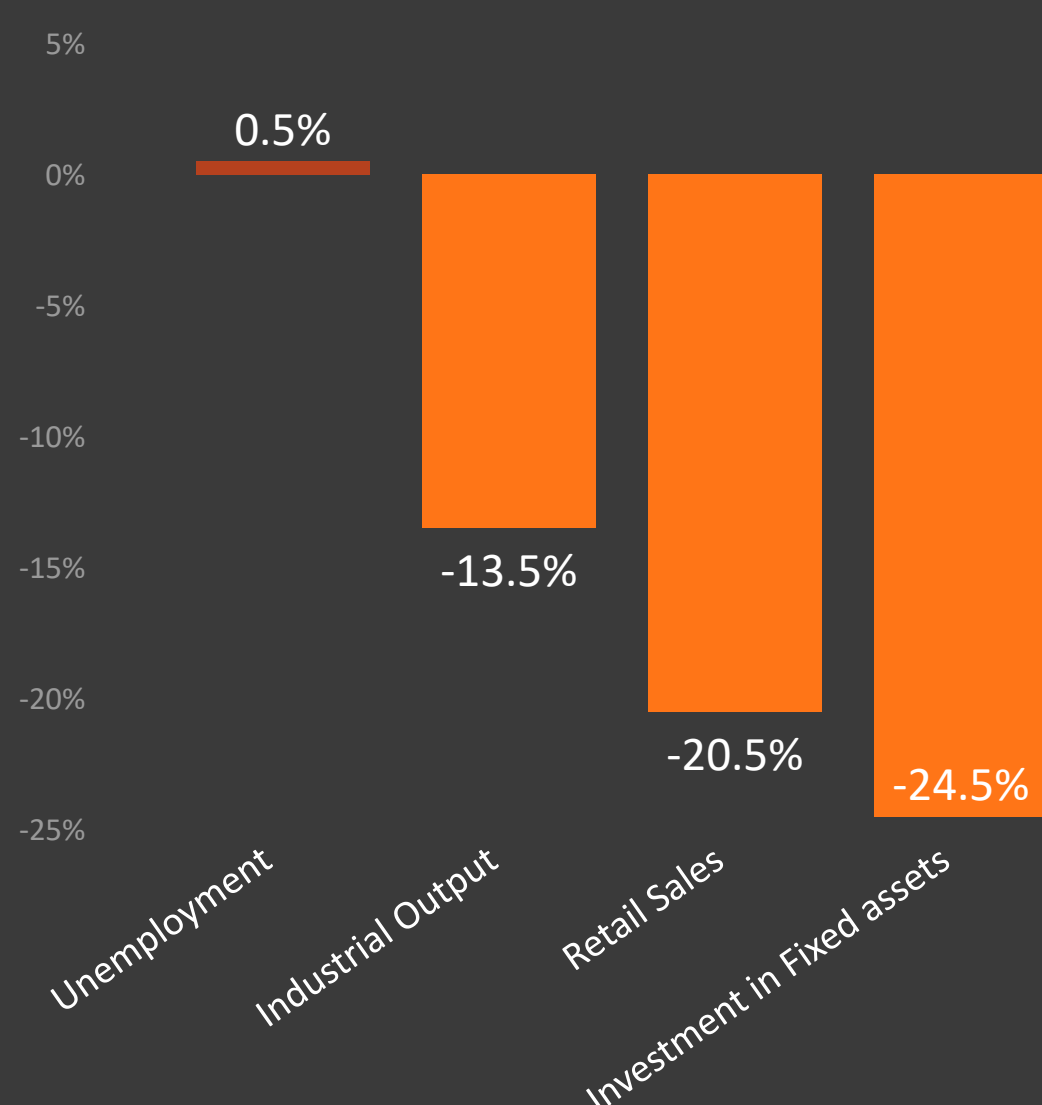
**Trajectory of the outbreak** in countries  
total confirmed cases



Source: [OurWorldInData](#)

How bad is it for the **Economy**?

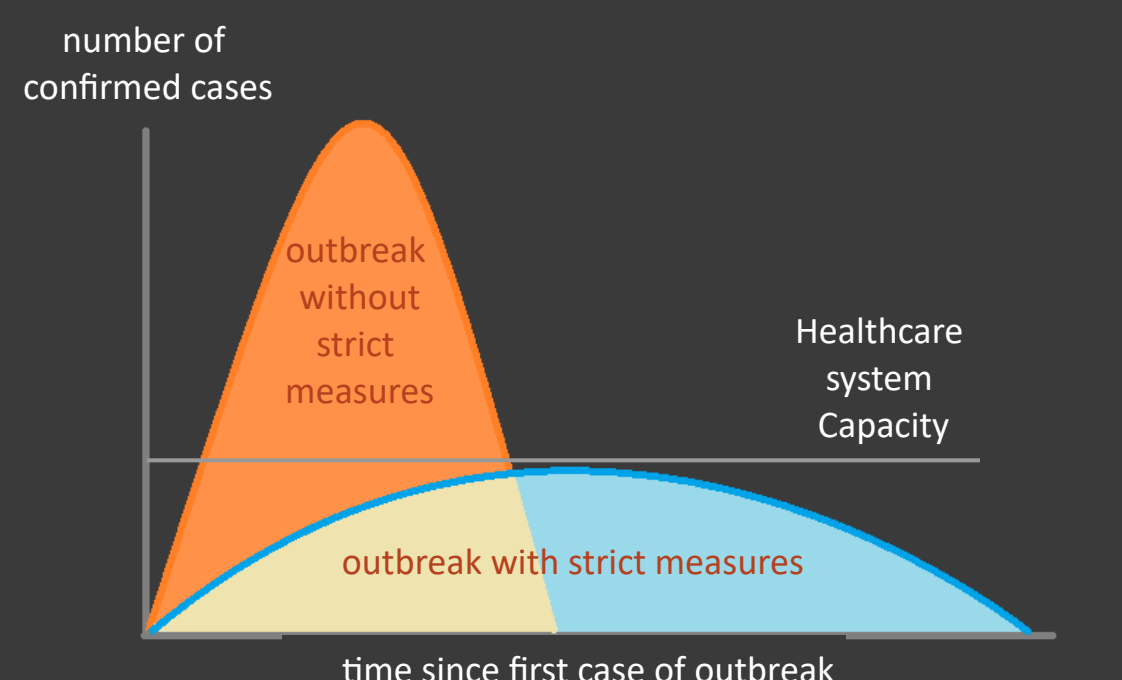
China faced its new low in 3 of its prime economic sectors with an increase of 0.5% in the unemployment rate over just two months - Jan & Feb, 2020



Source: [Marketwatch](#)

**Flattening the pandemic curve**

As there's no cure to CoV yet only **Fast, Intelligent and Strict actions** can stop the overwhelming load on nation's Healthcare system.



Adapted from: [NY Times](#), [The Economist](#)

**Preventive Measures:**

governments

- quick, widespread testing
- limit public gathering
- trace infectees

individuals

- don't panic
- wash hands, don't touch face
- stay at home, work from home

[Live Dashboard](#)

requires [PowerBI Pro](#) Signin