

Choosing a topic

COVID-19

Coming up with a title

Containing the Pandemic

Big picture questions to ponder

- What is the Coronavirus?
- How did it spread so fast?
- What could have been done to contain the disease?

Executive summary

The Coronavirus is a group of viruses that are usually found amongst animals. In the case of COVID-19, it was transferred from an animal to a human in Wuhan, China at a marketplace. Then it began to transfer from human to human due to the fact that Wuhan is a major transportation hub meaning it spread throughout China.

In the matter of months, COVID-19 had spread across the entire world, shutting down countries and crippling society. It spread quickly through some countries such as Iran, Spain, and Italy, while the rate in other countries such as Greece, Iraq, and Singapore was much slower. Different countries handled the pandemic in different ways and got different results.

What or who is your case study about (telling the story)

Your story is the virus itself and the life it has taken on. The most lethal cholera pandemic occurred from 1910 to 1911, also originating in India. More than 800,000 lost their lives, and the disease also spread to Eastern Europe, North Africa, the Middle East, and, Russia. When it got to the United States, American health authorities were prepared and managed to contain it by isolating those who were infected. There were only 11 deaths. But in today's world of globalization it is much easier for a disease to spread. How can we prevent COVID-19 from spreading further and are there things that could have been put into place that would have stopped it sooner?

Problems that were faced

- Some governments took swift action while others did not
- Some governments had more power to act than others making for different ways of handling it
- Mandates only work if people follow them

Constraints of the case

- Not a lot of information out there
- Not a lot of consistent practices in place to help slow it down
- No known cure for it right now

Research that supports or refutes the case

Here is an article concerning how countries are handling the COVID-19 outbreak.

<https://www.yahoo.com/news/countries-doing-best-worst-jobs-173853033.html>

You can use it to find do's and don'ts of how to handle the spread of the virus.

For an overview on how it spreads check out the CDC website at

<https://www.cdc.gov/coronavirus/2019-ncov/prepare/transmission.html>

Or this article

<https://www.the-scientist.com/news-opinion/how-covid-19-is-spread-67143>

A comparison of the spread as compared to other infectious outbreaks

<https://www.worldatlas.com/articles/how-fast-is-covid-19-spreading-vs-other-infectious-outbreaks.html>

Here is an interactive map showing the spread of the disease

<https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>

Outcome of the actual case for discussion

Still up in the air (no pun intended). Various countries continue to handle the outbreak in different ways. With no end in sight, what could we have done, what should we do now, and what do we need to do in the future?