

COVID - 19

2020 super group passion project

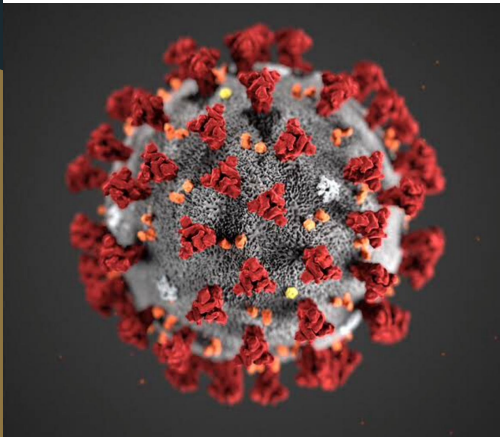
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How did coronavirus start?

There are a lot of rumours of how the virus started, some fake storeys and lies. But here is the truth. In late 2019 someone at the now world-famous Huanan seafood market in Wuhan picked up the virus from an infected animal. Scientists don't know how they contracted the virus from the animal, but it is thought that the animal was fish sized mammal with big scales and is an anteater much like a pangolin. From then on the virus snowballed, as medical scientists didn't know what they were dealing with so they then didn't know how to prevent the spread. It just kept going from one person to another all the way around the world. If for example someone was a symptomatic and travel overseas or through states they could then have spread the virus which is why it is so important to stay home!!!



Information resources

- <https://www.theguardian.com/world/2020/apr/28/how-did-the-coronavirus-start-where-did-it-come-from-how-did-it-spread-humans-was-it-really-bats-pangolins-wuhan-animal-market>



What does covid-19 do to a human?

- What are the symptoms?

The common symptoms for covid are :Fever, tiredness, dry cough. There are some that are still symptoms but are rare such as : aches and pains, sore throat, headache, conjunctivitis, a rash, discolouration of fingers or toes, loss of taste or smell and diarrhoea. These last ones are really serious ones, difficulty of breathing or shortness of breath, chest pain or pressure and loss of speech or movement.

- Why is covid-19 so deadly?

Coronavirus is so deadly because all of these symptoms can lead to many unpredictable things. For example shortness of breath can put you on a ventilator and discolouration of fingers and toes can lead to your toes or fingers being amputated.

Information resources

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/question-and-answers-hub/q-a-detail/q-a-coronaviruses#:~:text=symptoms>



What places have the most/least cases and why?

- Taiwan (Least)

Taiwan is the most successful to tame the virus with only 0.002% of their population having covid-19. The people of Taiwan are used to wearing masks just like Japan. They are more prepared than other places as they had experienced **SARS** couple of years ago.

- USA (Most)

The USA has been the least successful in this pandemic with 1.8% of their population testing positive to covid-19. In the beginning Donald Trump (US president) downplayed the virus giving the people a sense of **Complacency**.

Information resources

<https://coronavirus.jhu.edu/map.html>

What is the increase decrease in deaths? Why?

- Norway (least)

Norway is currently the most successful country at stabilising the patients fighting covid-19 which is why only 0.21% of their patients with covid-19 are dying. The reason why Norway is handling their death toll so well is because they started out strong and immediately put their communities into lock down so that nothing that was deadly could affect anyone

COVID-19 death rate in countries with confirmed deaths and more than 1,000 cases

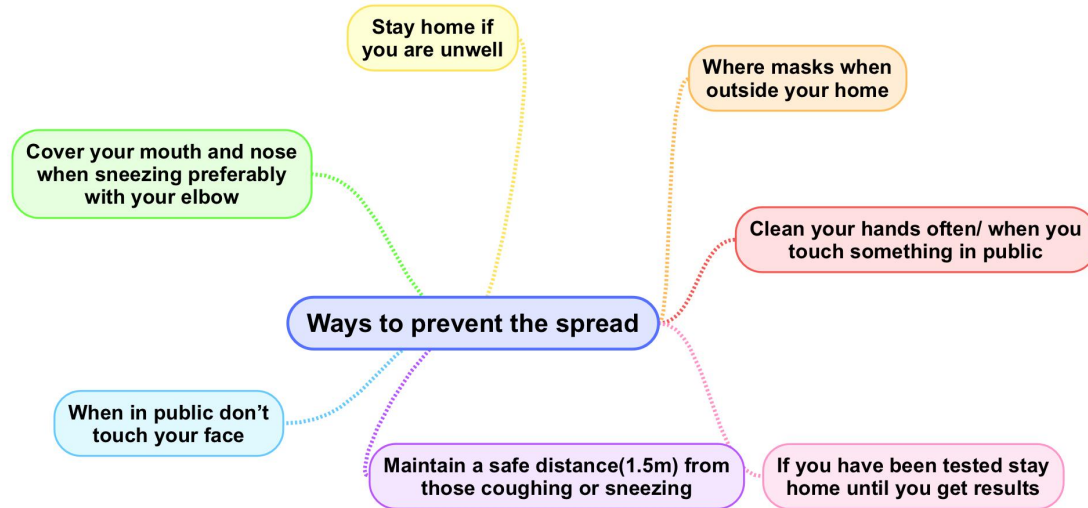
COUNTRY	#CASES	#DEATHS	DEATH RATE
Italy	31,506	2,503	7.94%
Iran	16,169	988	6.11%
Spain	11,309	509	4.50%
China*	81,058	3,230	3.98%
UK	1,960	55	2.81%
Netherlands	1,708	43	2.52%
France	6,664	148	2.22%
US	5,702	96	1.68%
Switzerland	2,700	27	1.00%
South Korea	8,320	81	0.97%
Belgium	1,243	10	0.80%
Sweden	1,190	7	0.59%
Denmark	1,024	4	0.39%
Germany	9,257	24	0.26%
Austria	1,532	3	0.23%
Norway	1,443	3	0.21%

- Italy (most)

Italy however is not doing so well as their death toll is at 7.94%. Italy has a higher death toll because they did the complete opposite to Norway and started easy which is why they are now in **code red** with France. **Information resources**

<https://home.kpmg/xx/en/home/insights/2020/04/norway-government-and-institution-measures-in-response-to-covid.html>

What can you do to prevent the spread?

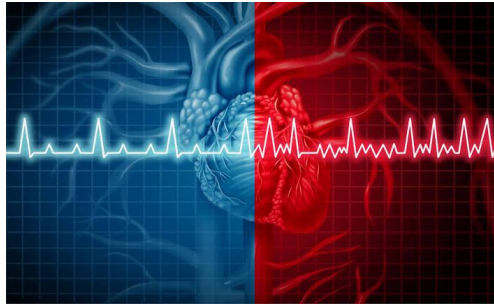


Information resources:

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>

If you have another medical condition is the virus different for you?

Most people that contract the virus and have a medical condition seems to have a worse case than people without one. But the worsening can differ depending on what medical condition you have for example a heart disease like **arrhythmia** can lead to a pretty bad case because when the different heart speed mixes with you not being able to breath it needs constant monitoring. There are all different outcomes of worse cases due to medical conditions so make sure you follow up and check if you are at more risk than others.

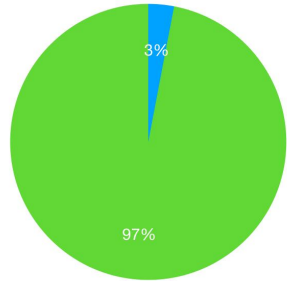


You might want to check this documentary about doctor Chris and Xand surviving the virus
<https://youtu.be/1wPmds8W5pc>

How is Australia doing with the virus?

This graph shows how many people who have died after catching Covid in Vic

Pie Chart

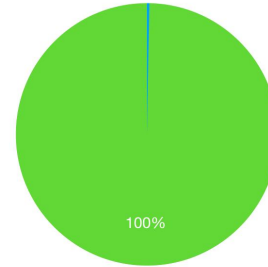


● Died from Covid ● Survived Covid

Covid Cases	
Cases	Percentage
Died from Covid	0
Survived Covid	1

This graph shows how many people in Victoria who have had Covid.

Pie Chart

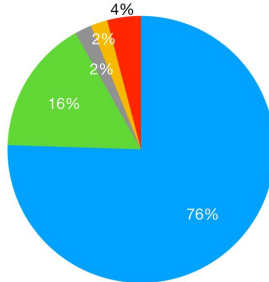


● Has had Covid ● Hasn't had Covid

Covid Cases	
Cases	Percentage
Has had Covid	0
Hasn't had Covid	1

This graph shows each of the states and what percentage they make up of all the cases.

Pie Chart



● Vic ● NSW ● SA ● WA ● Queensland

Information resources

<https://coronavirus.jhu.edu/map.html>

Glossary

- SARS- SARS is a respiratory illness in the same form as covid and also created a pandemic a few years ago.
- Complacency- a sense of relaxation.
- Code red- code red is active in France and Italy which means they are in complete lockdown and can't leave their houses or apartments.
- Arrhythmia- is a heart disease that means your heart beats at all different speeds every now and then



Thankyou for reading our presentation

I hope you have learnt something useful.

