



NEW ZEALAND PRINCIPALS' FEDERATION
Ngā Tumūaki o Aotearoa



CHRISTCHURCH

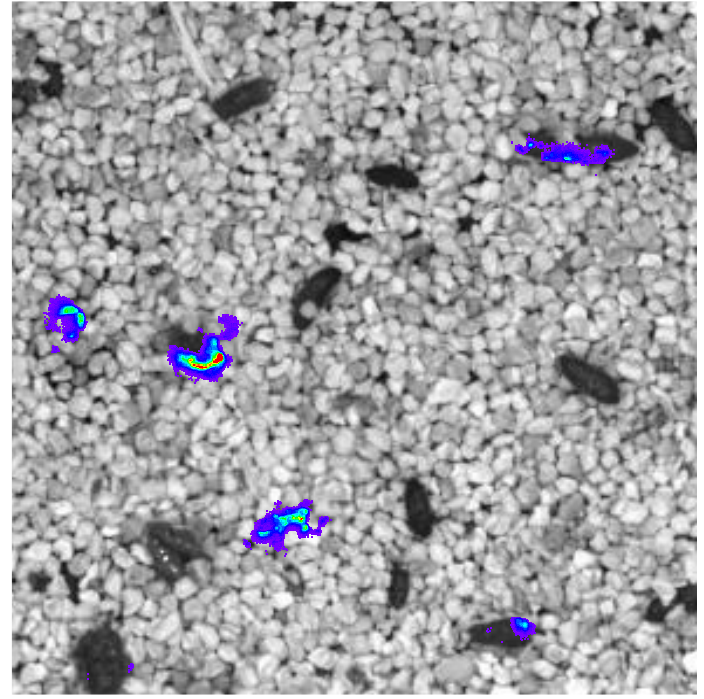
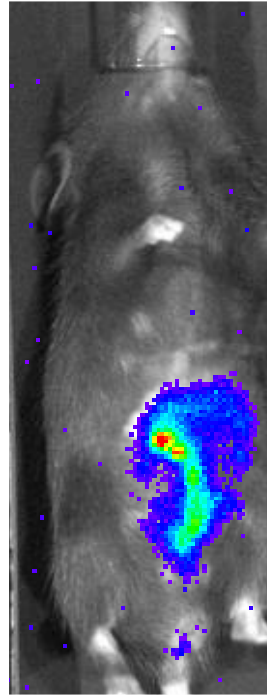
CONFERENCE
14-16 September 2022

AOTEAROA KI TE WHAI AO!
Aotearoa and Beyond!

Dr Siouxsie Wiles MNZM

BEYOND THE PANDEMIC: WHERE TO FROM HERE?

My story...



RESEARCH DOESN'T END WITH A PEER-REVIEWED PUBLICATION...



2005



2010



2013



2013



2015

2011



2016



2019

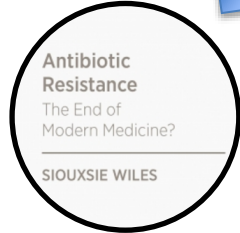
2012



2013



2013



2017



2018



#NZPF22

 **NEW ZEALAND PRINCIPALS' FEDERATION**
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THEN THE PANDEMIC ARRIVED...

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Image credit: Chris Brown, CC BY 2.0 <<https://creativecommons.org/licenses/by/2.0>>, via Wikimedia Commons

THE SPINOFF

SOCIETY

MAR 3, 2020



Covid-19 and kids: How to talk to children about the coronavirus

People have started asking me how they should talk to kids about the disease. So, here are some handy tips.

[Read on.](#)

SCIENCE

FEB 29, 2020

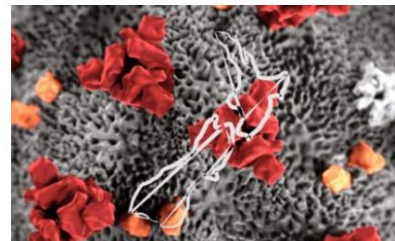


Covid-19: How close are we to a vaccine for the novel coronavirus?

NZ has confirmed its first case of COVID-19. As the virus approaches global pandemic status, what progress is being made in developing a vaccine?

SCIENCE

FEB 28, 2020



A practical guide to dealing with the arrival of the coronavirus in New Zealand

Do not panic. But do prepare. Here's what you need to do.

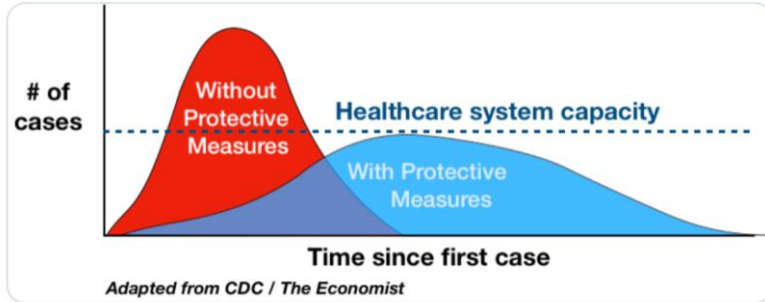
[Read on.](#)



Drew A. Harris, DPM, MPH
@drewaharris



Important to remember that #Covid-19 epidemic control measures may only delay cases, not prevent. However, this helps limit surge and gives hospitals time to prepare and manage. It's the difference between finding an ICU bed & ventilator or being treated in the parking lot tent.



6:47 PM · Feb 28, 2020 · Hootsuite Inc.

1.2K Retweets 1.6K Likes

THE SPINOFF

HOME LIVE UPDATES TELEVISION POLITICS ĀTEA BOOKS BUSINESS SHOP MORE



Toby Morris

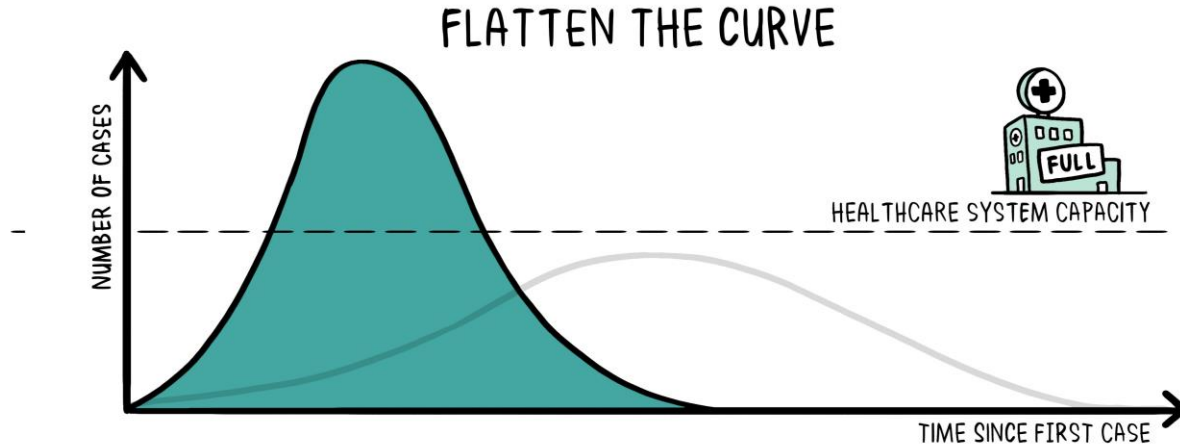
CREATIVE DIRECTOR

Toby Morris is an Auckland based illustrator, comic artist and writer. He is the author of The Spinoff's non-fiction comic series The Side Eye, won the Voyager award for Cartoonist of the year for 2019 and in 2020 his Covid-19 collaborations with Dr Siouxsie were shared around the world.



Fairer Future: Fixing Poverty in Aotearoa

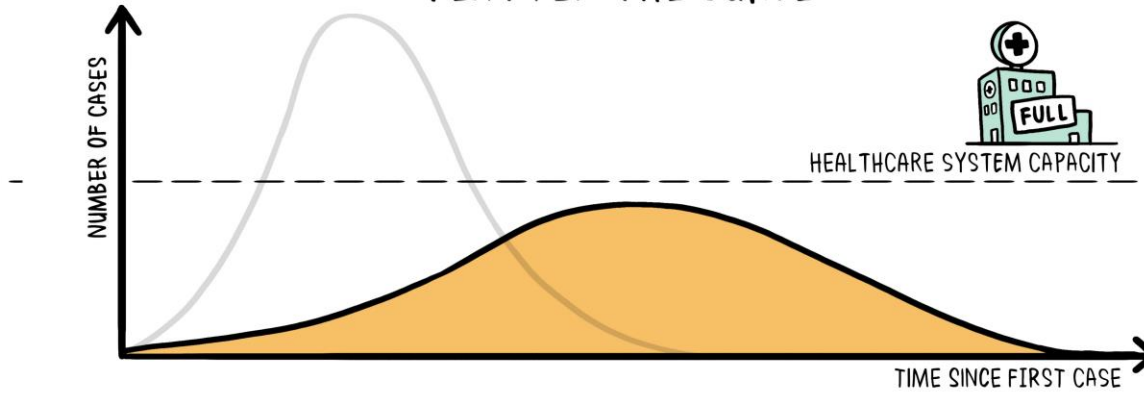
9th March 2020



@SIOUXSIEW @XTOTL @THESPINOFFTV

ADAPTED FROM @DREWAHARRIS, THOMAS SPLETTSTÖBER (@SPLETTE) AND THE CDC
CC-BY-SA
















































FLATTEN THE CURVE




@SIOUXSIEW @XTOTL @THESPINOFFTV


ADAPTED FROM @DREWAHARRIS, THOMAS SPLETTSTÖBER (@SPLETTE) AND THE CDC
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CREATIVE COMMONS LICENSES


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	CC BY-NC-SA					
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You can redistribute (copy, publish, display, communicate, etc.)




You have to attribute the original work



You can use the work commercially



You can modify and adapt the original work



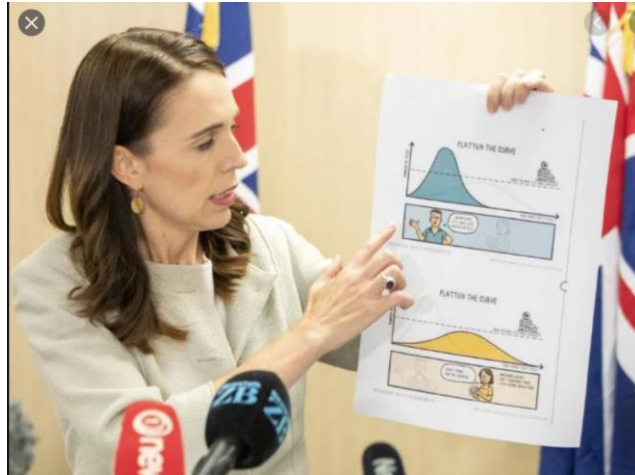
You can choose license type for your adaptations of the work.

HEALTH 03/11/2020 03:18 pm ET | Updated Mar 15, 2020

Here's Why Everybody's Talking About 'Flattening The Curve'

The coronavirus is now officially a pandemic. It's going to require everybody's help to control its impact.

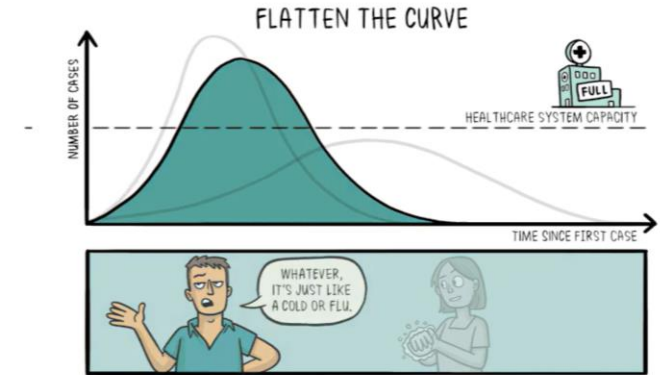
By Sara Boboltz



Now that coronavirus cases in the U.S. have [ticked up to four figures](#), the big question is how many people may ultimately become infected and how quickly it will happen.

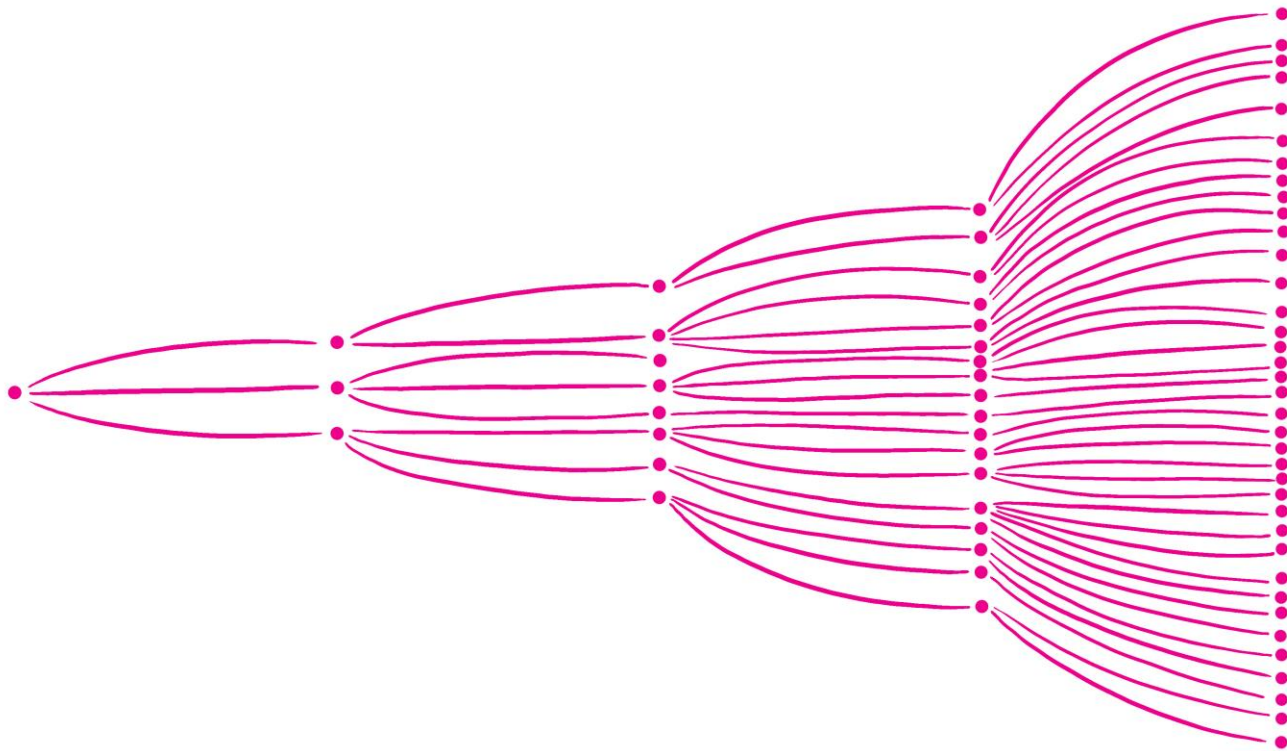
With everyone wondering the same thing, there's a phrase you might have seen in a hashtag: Flatten the curve.

The curve, in this context, is simply the number of people who contract COVID-19, the disease caused by the new coronavirus, over time. It's easiest to understand if you see it drawn out:



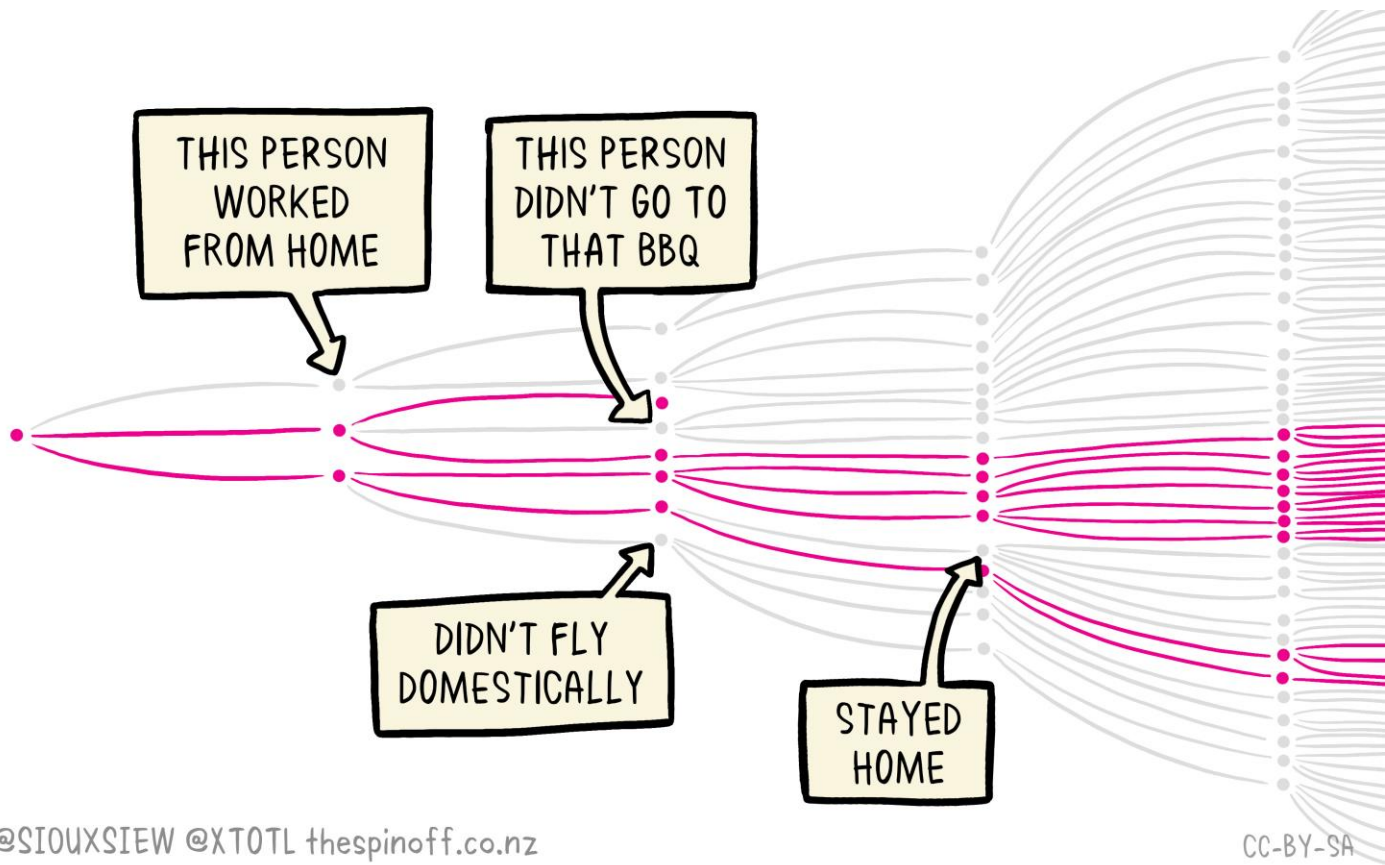
@SIOUXSIEW @XTOTL @THESPINOFTV

*ADAPTED FROM @DREW HARRIS, THOMAS SPLETTSTOBER (@SPLETTE) AND THE CBC. CC-BY-SA



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Australian Government Department of Health @health... · Mar 25
Your actions will save lives. This is why it's important to stay home:

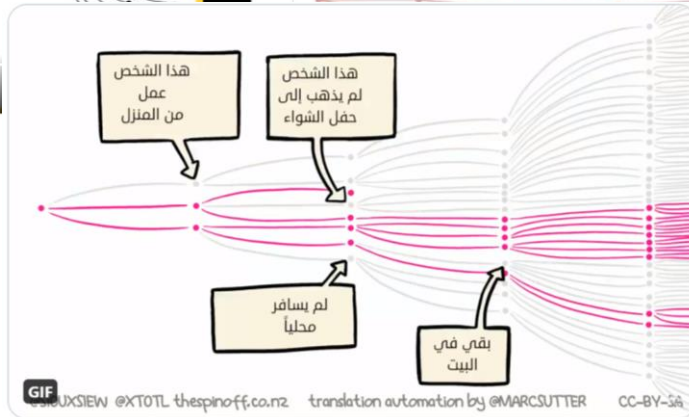
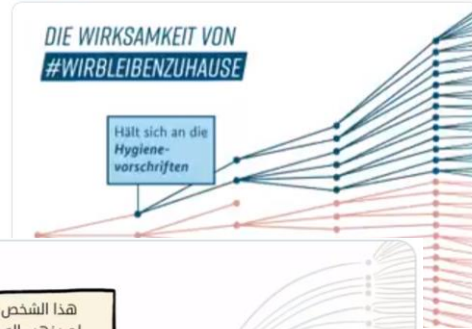


38 847



Dieses Video verdeutlicht, die Wirksamkeit von #WirBleibenZuhause. Durch die Einhaltung der Verhaltensregeln kann jeder und jede einen Beitrag dazu leisten, die Ausbreitung des #Coronavirus zu verlangsamen.

Translate Tweet



GIF @XUSIEW @XTOTL thespino:ff.co.nz translation automation by @MARCSUTTER CC-BY-SA



Independent of government

Provide information in bitesize,
understandable pieces

Make it engaging and sharable

Explicitly allow others to
modify/translate



29.1
MILLION
VIEWS

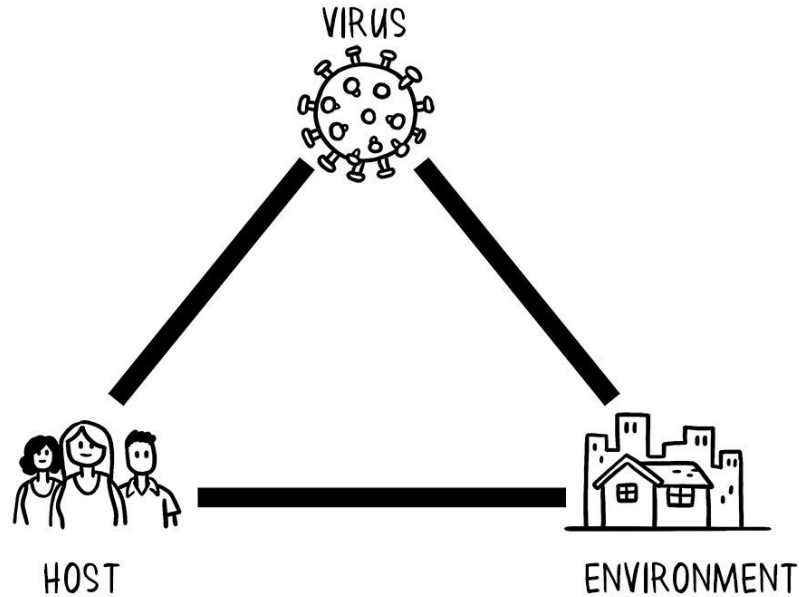


22.5
MILLION
VIEWS



7.9
MILLION
VIEWS

Lessons learned...



@SIOUXSIEW @XTOTL thespinoff.co.nz

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Lessons learned...



thespinoff.co.nz

Lessons learned...

TRUSTED VOICES
ARE CRUCIAL!



YOU ARE TRUSTED VOICES...

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SCHOOLS CAN MODEL HOW TO SAFELY NAVIGATE THIS NEW WORLD...

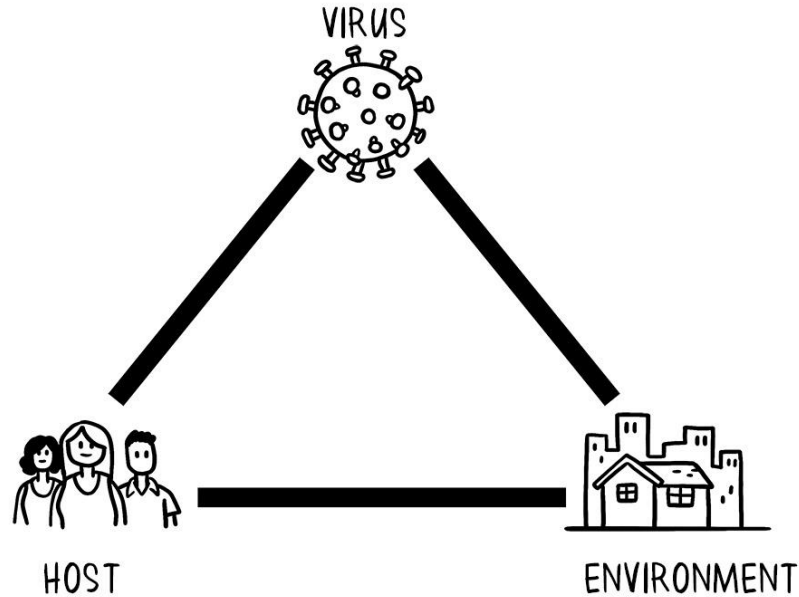
#NZPF22



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Things are complex...



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Daily new confirmed COVID-19 cases per million people

7-day rolling average. Due to limited testing, the number of confirmed cases is lower than the true number of infections.



LINER LOG



Source: Johns Hopkins University CSSE COVID-19 Data

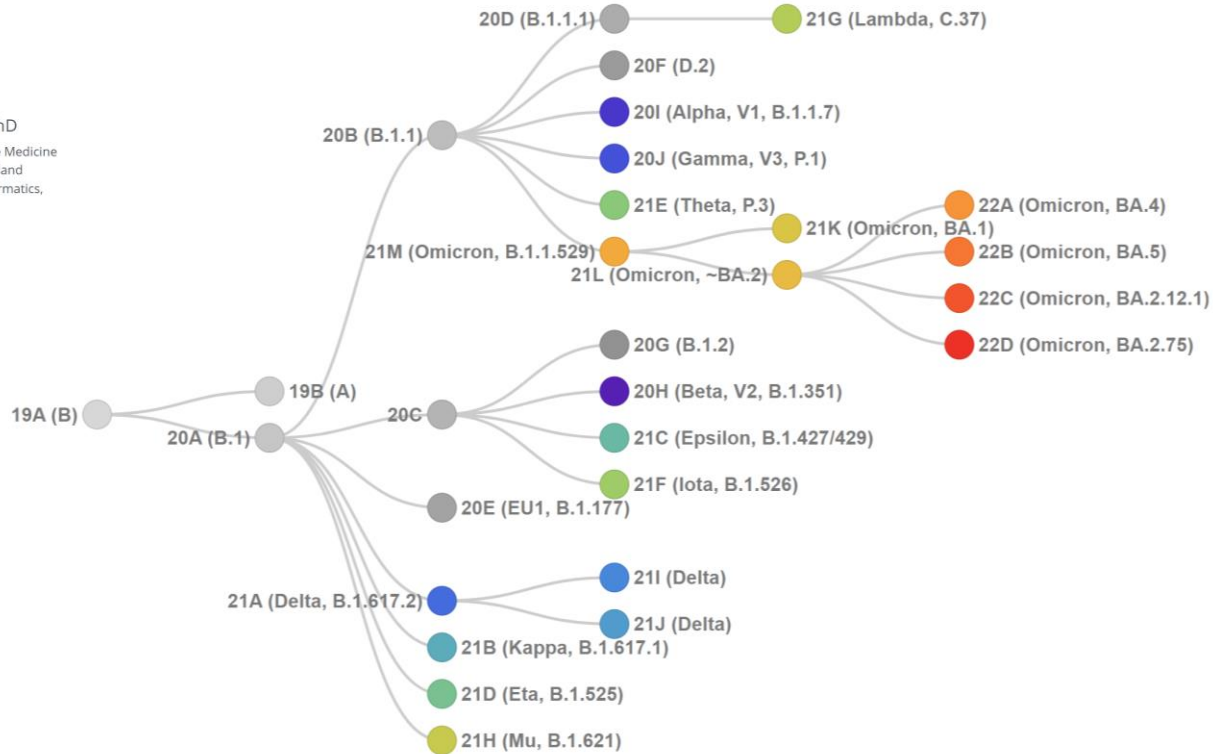
CC BY



CoVariants is brought to you by



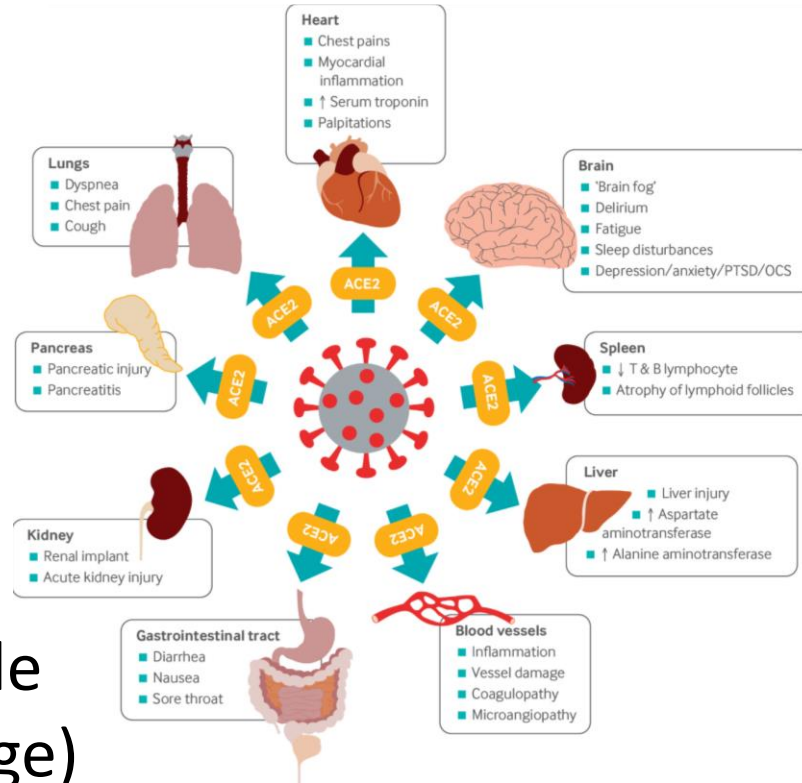
Emma Hodcroft, PhD
Institute of Social and Preventive Medicine
University of Bern, Switzerland
& SIB Swiss Institute of Bioinformatics,
Switzerland



<https://covariants.org/> & <https://nextstrain.org/>

Long covid—mechanisms, risk factors, and management

BMJ 2021 ; 374



>150 million people
(many of working age)

Heart-disease risk soars after COVID — even with a mild case

Massive study shows a long-term, substantial rise in risk of cardiovascular disease, including heart attack and stroke, after a SARS-CoV-2 infection.

[nature](#) > [articles](#) > [article](#)

Article | [Published: 07 March 2022](#)

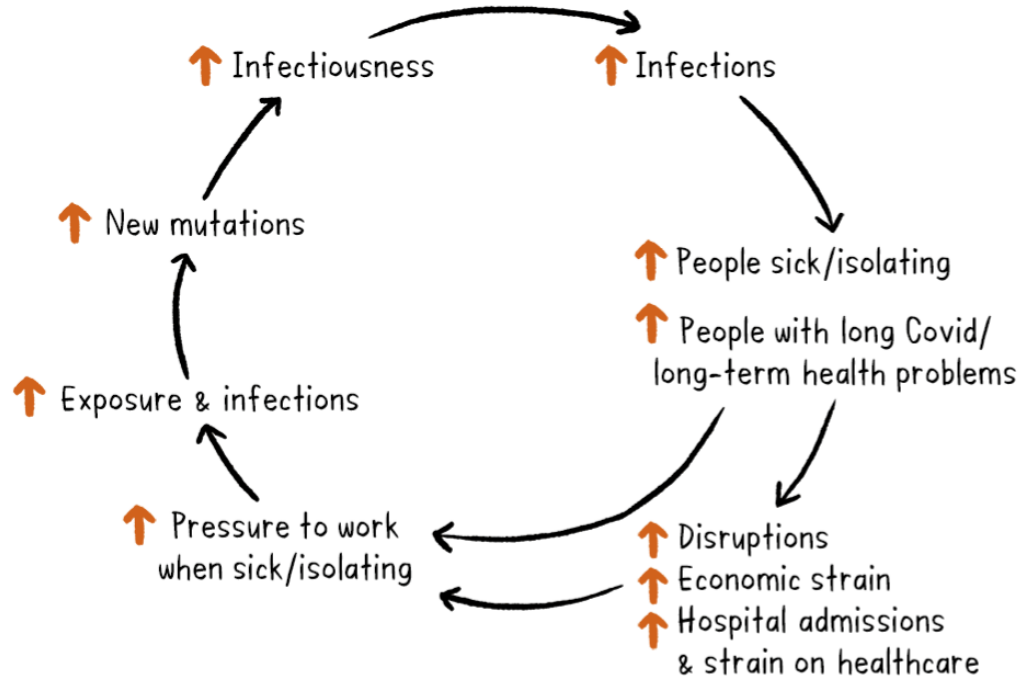
SARS-CoV-2 is associated with changes in brain structure in UK Biobank

Review | [Free Access](#)

Impact of the SARS-CoV-2 virus on male reproductive health

Daniel E. Nassau, Jordan C. Best, Eliyahu Kresch, Daniel C. Gonzalez, Kajal Khodamoradi, Ranjith Ramasamy [✉](#) ... [See fewer authors](#) ^

First published: 17 August 2021 | <https://doi.org/10.1111/bju.15573> | Citations: 3



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ADAPTED FROM PROF CHRISTINA PAGEL @CHRISCHIRP

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15 JULY 2022

SARS – 2002-2004

H1N1 – 2009-2010

Ebola – 2014-2016

Zika – 2015-2016

In 2021:

38.4 million living with HIV

1.5 million new cases

Life expectancy:

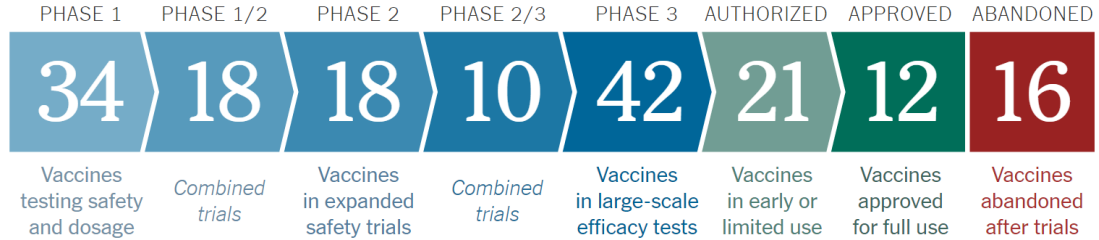
With treatment = normal

Without treatment = 11 years

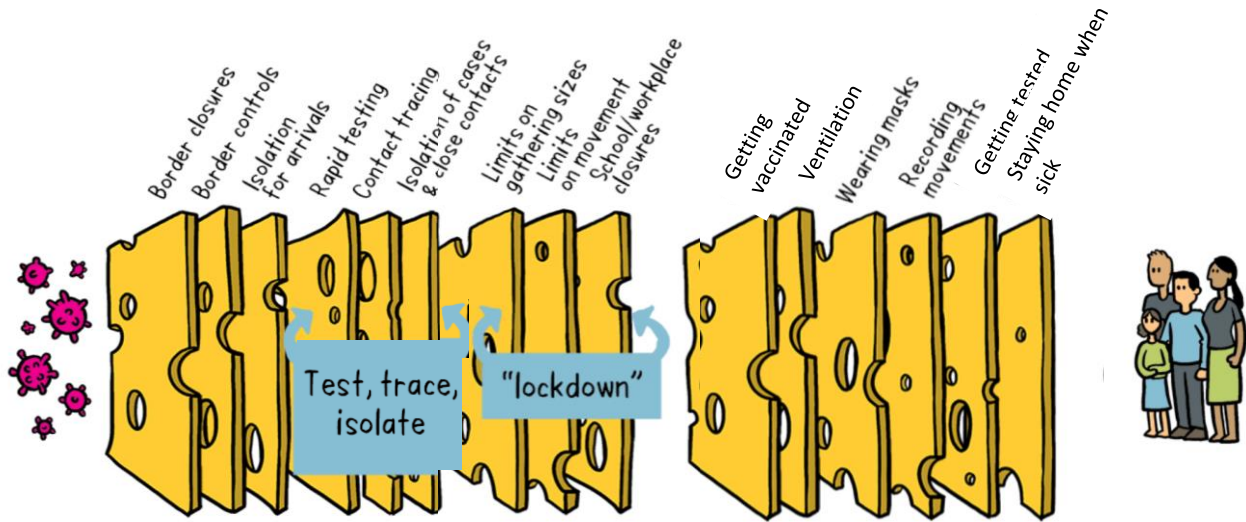
U.S.A. | World | Health

Coronavirus Vaccine Tracker

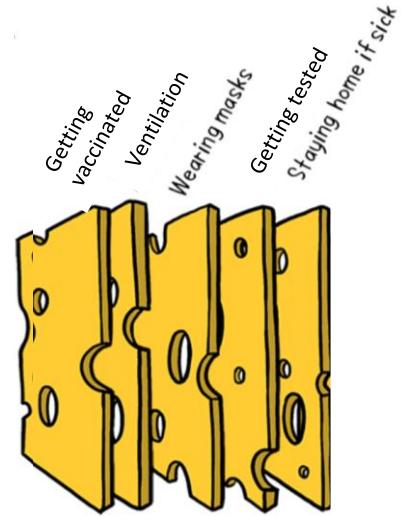
By [Carl Zimmer](#), [Jonathan Corum](#), [Sui-Lee Wee](#) and Matthew Kristoffersen Updated Aug. 12, 2022



<https://www.nytimes.com/interactive/2020/science/coronavirus-vaccine-tracker.html>



@SIOUXSIEW @XTOTL thespinoff.co.nz ADAPTED FROM JAMES REASON, IAN MACKAY, SKETCHPLANATIONS CC-BY-SA 4.0



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**THE PUBLIC HEALTH MEASURES THAT
WORK BEST ARE:
INVISIBLE
BECOME SECOND NATURE...**

late, **Freedom to not wear a mask**

Welcome to the Freedom Cafe!

We trust you to make your own choices if you want to wear a face mask. And, in the same spirit of individual liberty, we allow our staff to make their own choices about the safety procedures they prefer to follow as they prepare and serve your food.

We encourage employees to wash their hands after using the bathroom, but understand that some people may be allergic to certain soaps or may simply prefer not to wash their hands. It is not our place to tell them what to do.

We understand that you may be used to chicken that has been cooked to 165 degrees. We do have to respect that some of our cooks may have seen a meme or a YouTube video saying that 100 degrees is fine and we do not want to encroach on their beliefs.

Some servers may wish to touch your food as they serve it. There is no reason that a healthy person with clean hands can't touch your food. We will take their word for it that they are healthy and clean.

Water temperature and detergent are highly personal choices, and we allow our dishwashing team to decide how they'd prefer to wash the silverware you will put in your mouth.

Some of you may get sick, but almost everyone survives food poisoning. We think you'll agree that it's a small price to pay for the sweet freedom of no one ever being told what to do -





When it rains,
we wear a jacket.



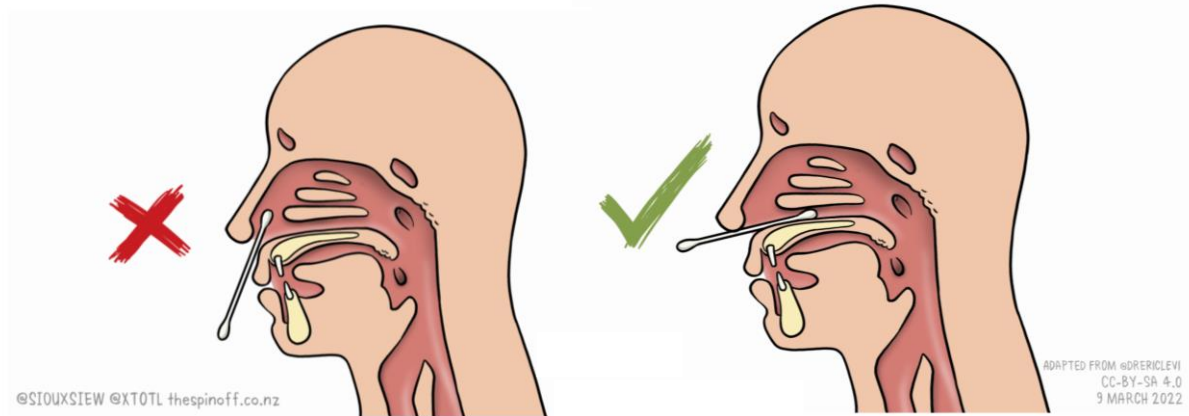
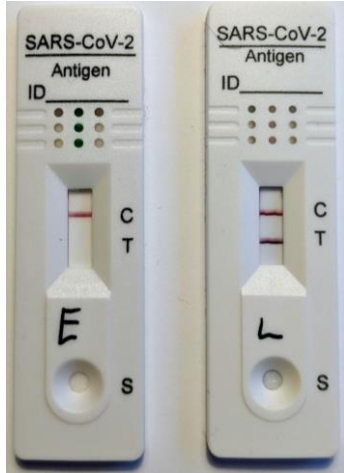
When we're in
a car, we wear
a seatbelt.



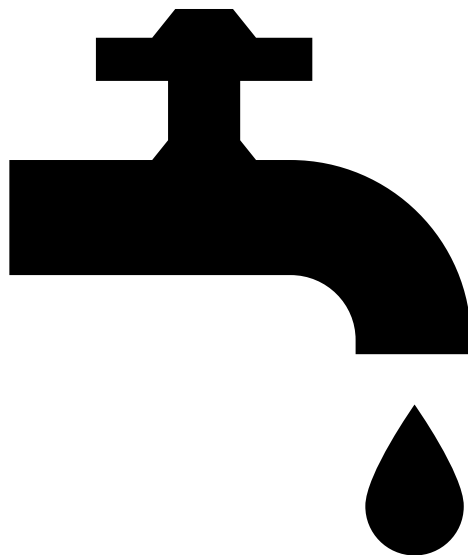
When there's Covid
in the community,
we wear a mask.

@SIOUXSIEW @XTOTL thespinoff.co.nz

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15 JULY 2022



***Don't forget the throat!**

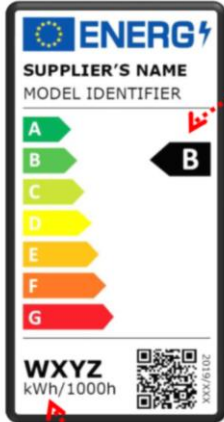


INDEPENDENT SAGE SIGNS AND "SCORES ON THE DOORS"

18 Mar 2022 | Front Page, Recent reports



@SIOUXSIEW @XTOTL thespinoff.co.nz
*INFORMATION MAY CHANGE AS NEW VARIANTS EVOLVE



DIGITAL AND SCIENCE LITERACY...

#NZPF22

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THE DISINFORMATION DOZEN

WHY PLATFORMS MUST ACT ON TWELVE LEADING ONLINE ANTI-VAXXERS

CCDH
Center for Countering Digital Hate

COVID **Plan B**

Choose **FREEDOM** over **FEAR**

www.voicesforfreedom.co.nz

Voices For Freedom
@voicesforfreedomnz | #voicesforfreedom

Learn More

NEW ZEALAND'S MEDIA REVOLUTION

COUNTERSPIN

THE PLATFORM

THE FREEDOMS & RIGHTS COALITION.
NEW ZEALAND

<https://counterhate.com/research/the-disinformation-dozen/>

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CIRCUIT

A STUFF CIRCUIT INVESTIGATION

FIRE AND FURY

Who's driving a violent, misinformed
New Zealand — and why.

Content warning:
violence and explicit language.



<https://interactives.stuff.co.nz/2022/08/circuit/fire-and-fury-disinformation-in-new-zealand/>

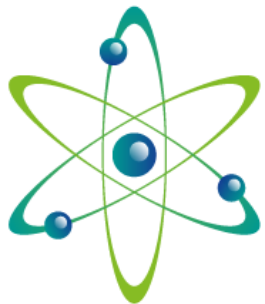
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TE WHARE PŪTAIAO

HOUSE OF SCIENCE



Dr Siouxsie Wiles

OUR AMBASSADOR

"The House of Science model is brilliant – the science kits are amazing and make science accessible for all primary schools. Science is a resource-hungry subject so by sharing these kits among a group of schools it allows access to quality resources covering the whole science curriculum. I feel very honoured to be given this role as Ambassador for the House of Science as I help the charity raise awareness of their amazing and important work."



Visit the House of Science team at the MTA exhibition stand for more info

PURPOSE:

Empower teachers in Year 0 to 8 learning environments to raise scientific literacy by providing comprehensive science resources and professional learning and development.



Scientific Literacy improves:



Critical Thinking Skills



Economic Prosperity



Health & Wellbeing

House of Science delivers:

Comprehensive Science Resource kits

- Bi-lingual
- Cater for YR0-8
- Distributed and maintained

Teacher Professional Development (MoE funded):

- In school teacher support
- Experienced primary science educators

THANKS! ANY QUESTIONS?