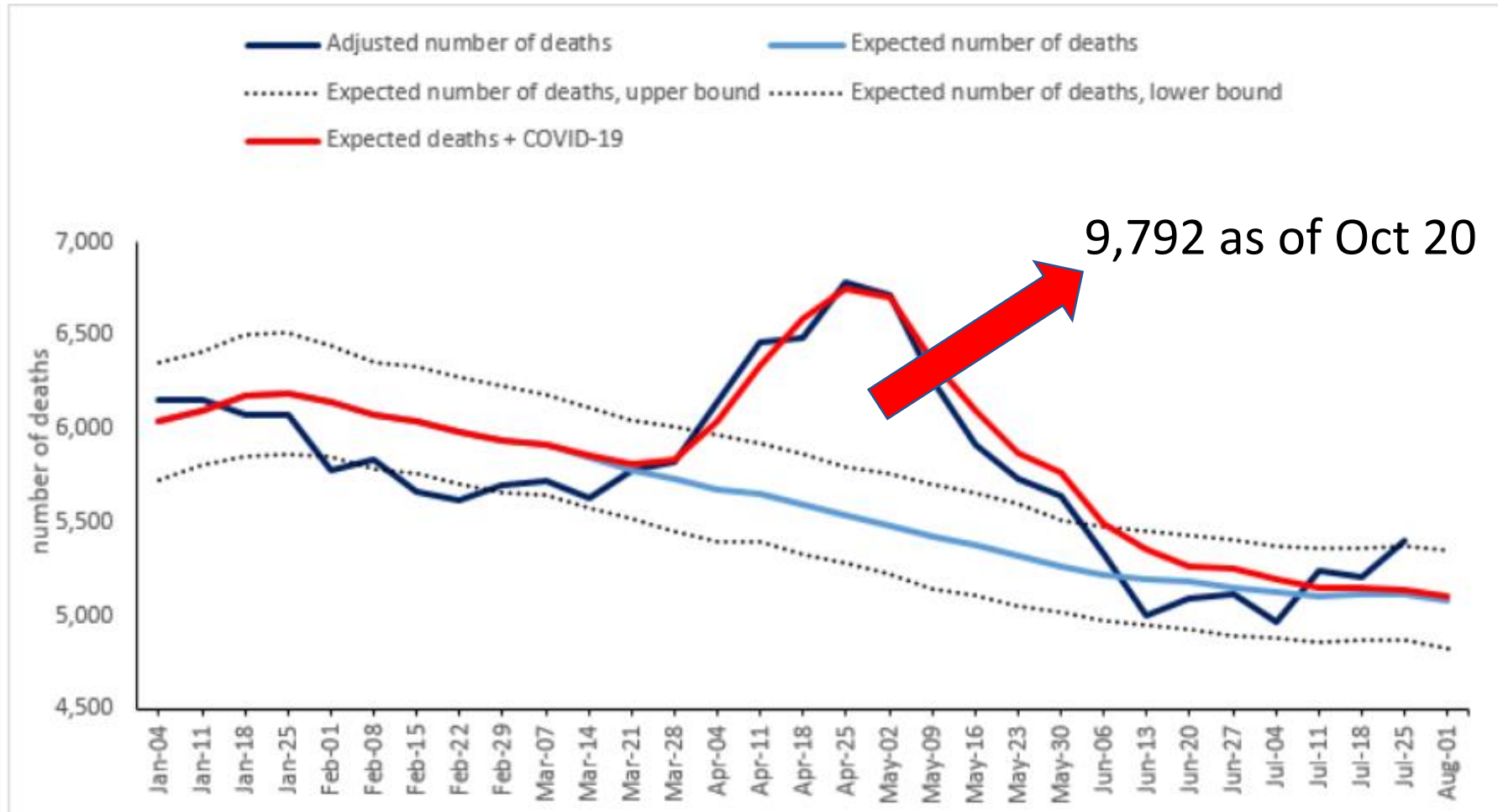


COVID-19 Update

Linda Jacobson DVM
Toronto Humane Society
22 October, 2020



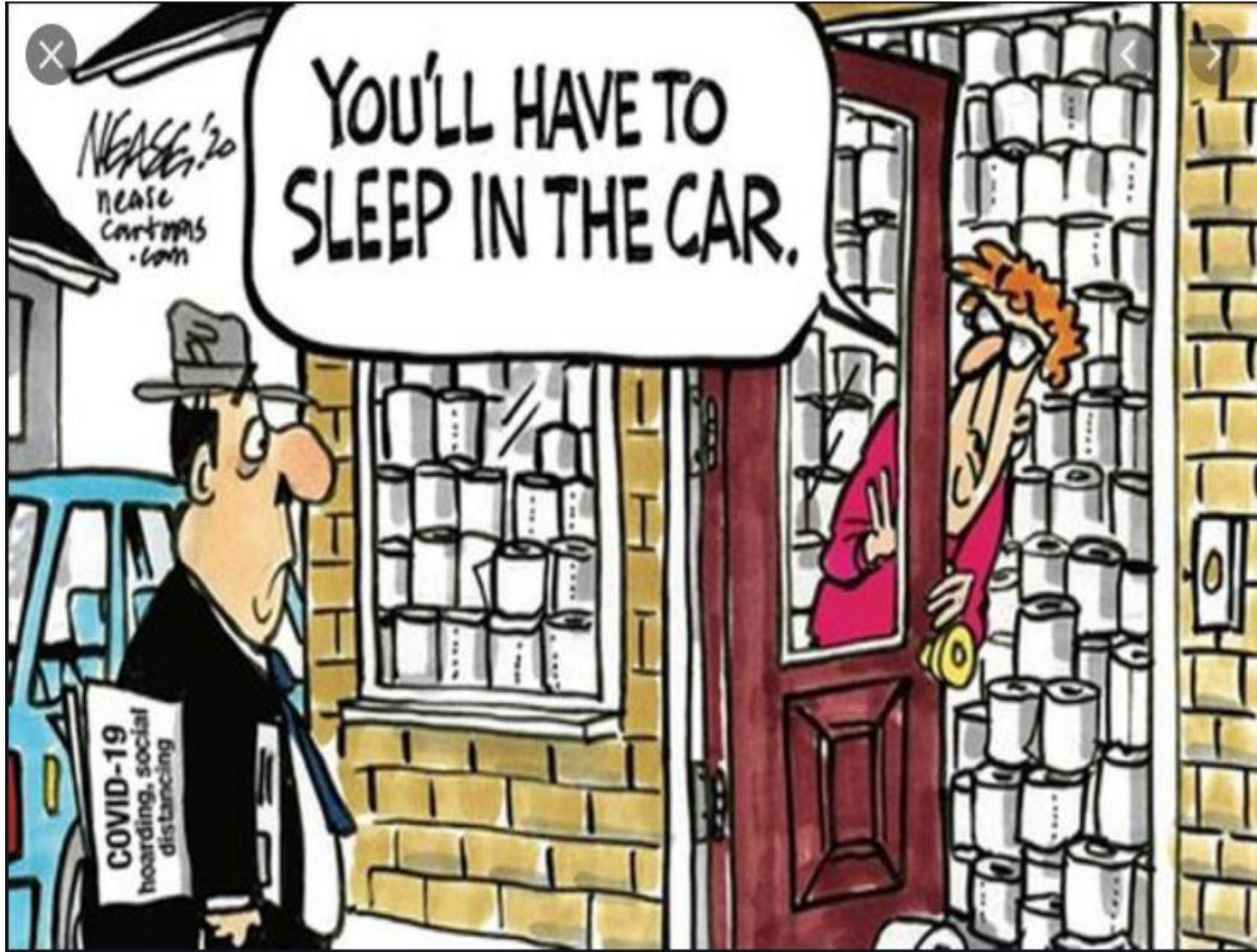
“Excess deaths” to August 2020 - Canada



<https://www150.statcan.gc.ca/n1/daily-quotidien/200924/g-b001-eng.htm>

<https://www.worldometers.info/coronavirus/country/canada/>





COVID-19 and Pets

“This is almost exclusively a human virus. With a modicum of common sense, the risk posed from pets approaches zero.” (Dr. Weese)



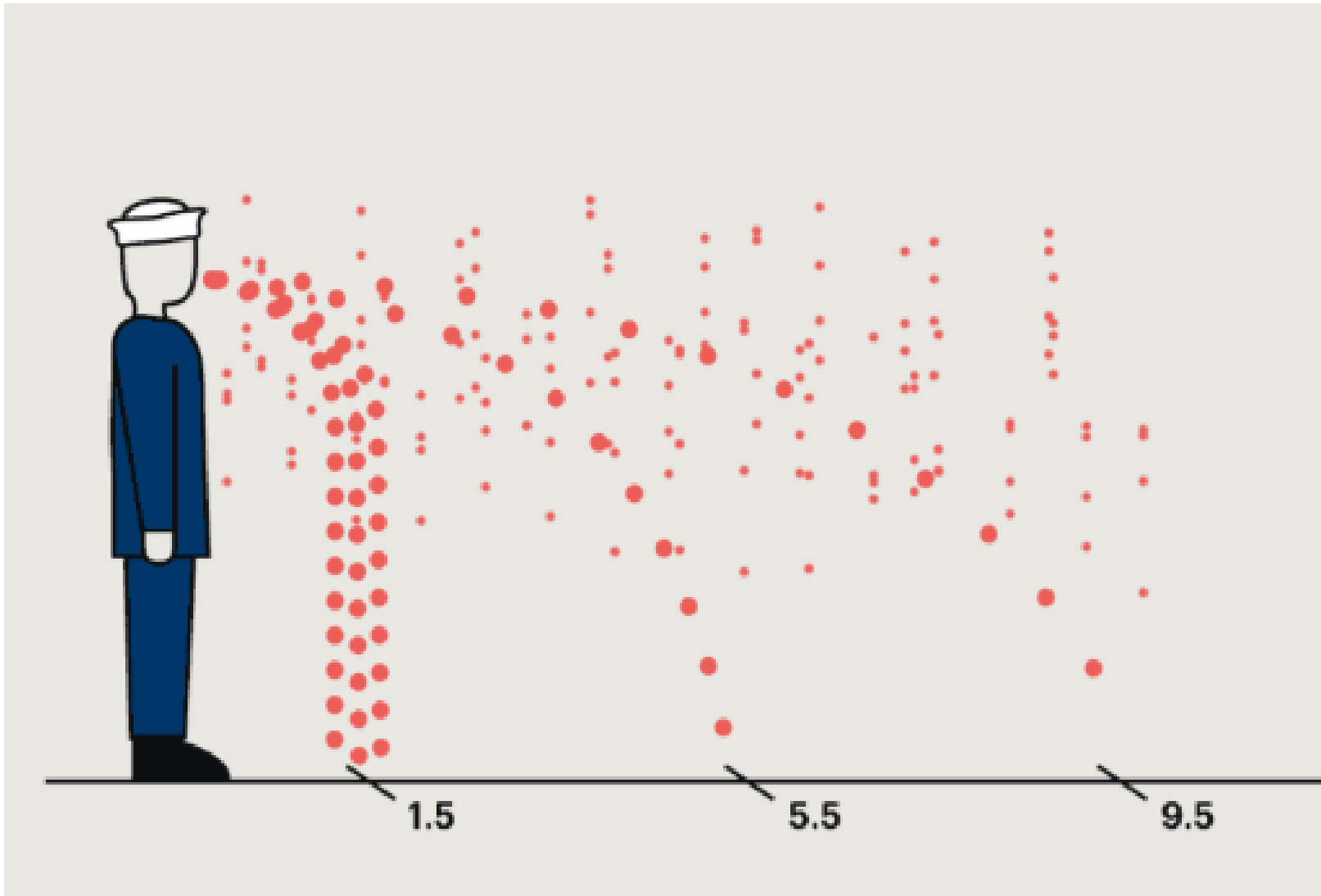
COVID in Animals Review Part 1: Cats

By [Scott Weese](#) on October 15, 2020

COVID in Animals Review Part 2: Dogs

By [Scott Weese](#) on October 19, 2020





Feet





Closed spaces

with poor ventilation

Continuous



Crowded places

with many people nearby

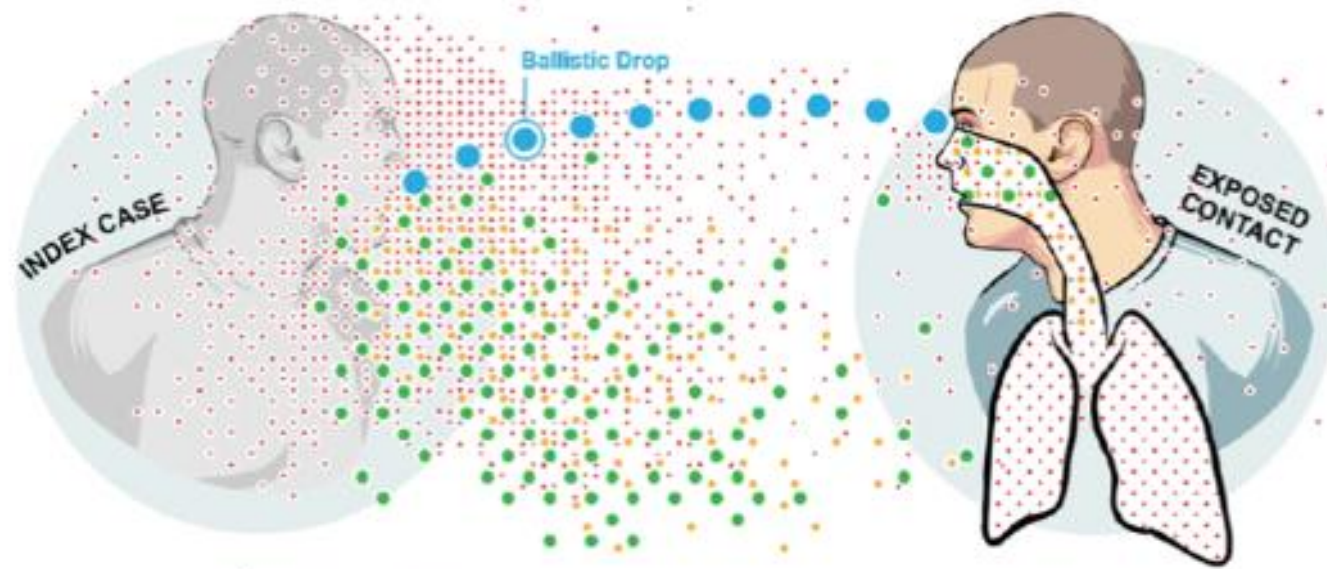


Close-contact settings

such as close-range conversation







Aerosols

-  **Respirable Aerosol**
≤ 2.5 to 5 μm
-  **Thoracic Aerosol**
≤ 10 to 15 μm
-  **Inhalable Droplets**
≤ 100 μm





https://www.youtube.com/watch?v=x6cTDGqcUpA&feature=emb_logo&ab_channel=UncleRob



Can I call you back in two hours?
I'm just bleaching my groceries.



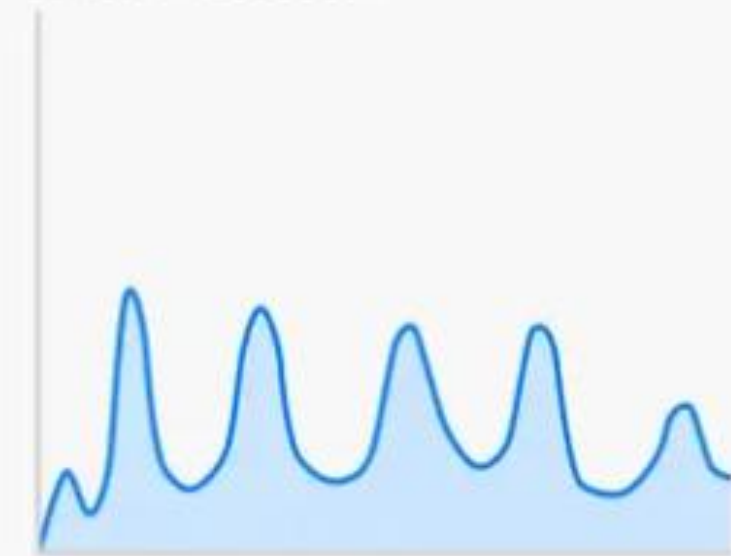
GoLd FM
93/93.2



Possible coronavirus wave scenarios

Scenario 1: Peaks & valleys

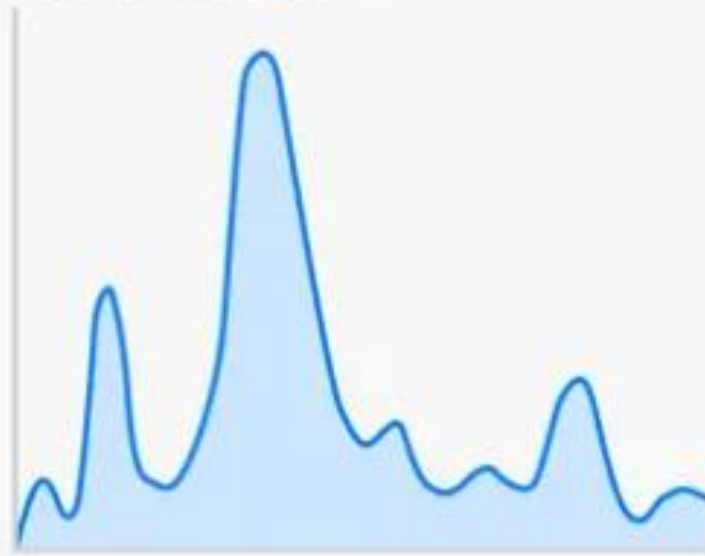
COVID-19 cases



2020 2021 2022

Scenario 2: Fall peak

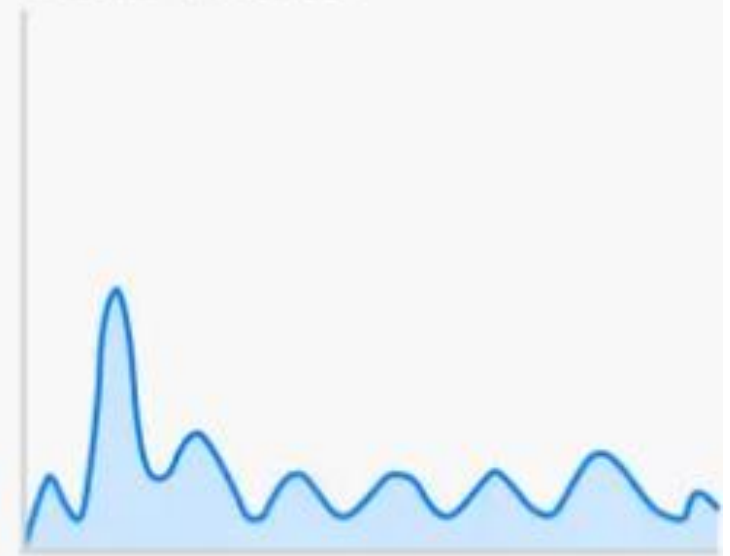
COVID-19 cases



2020 2021 2022

Scenario 3: Slow burn

COVID-19 cases



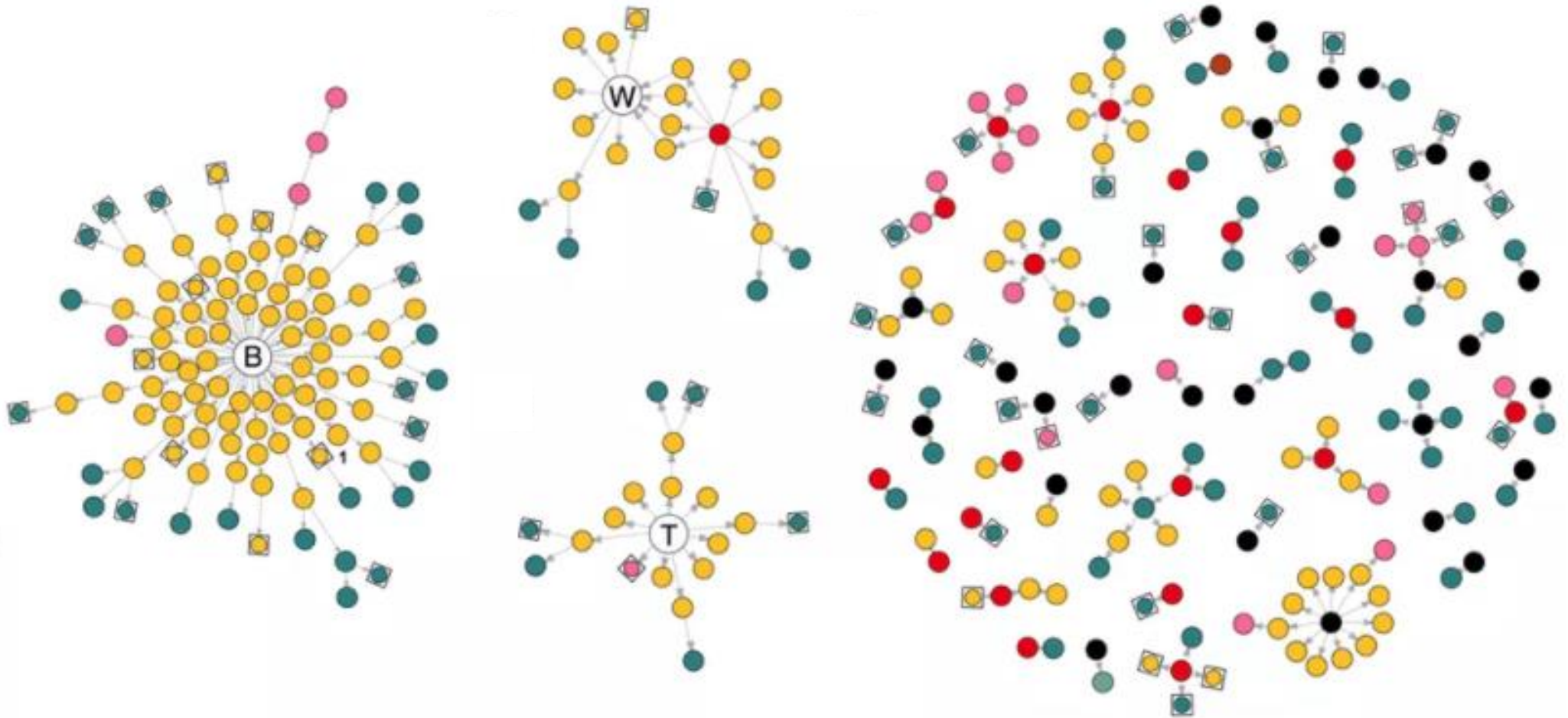
2020 2021 2022

Source: Center for Infectious Disease Research and Policy at University of Minnesota

INSIDER

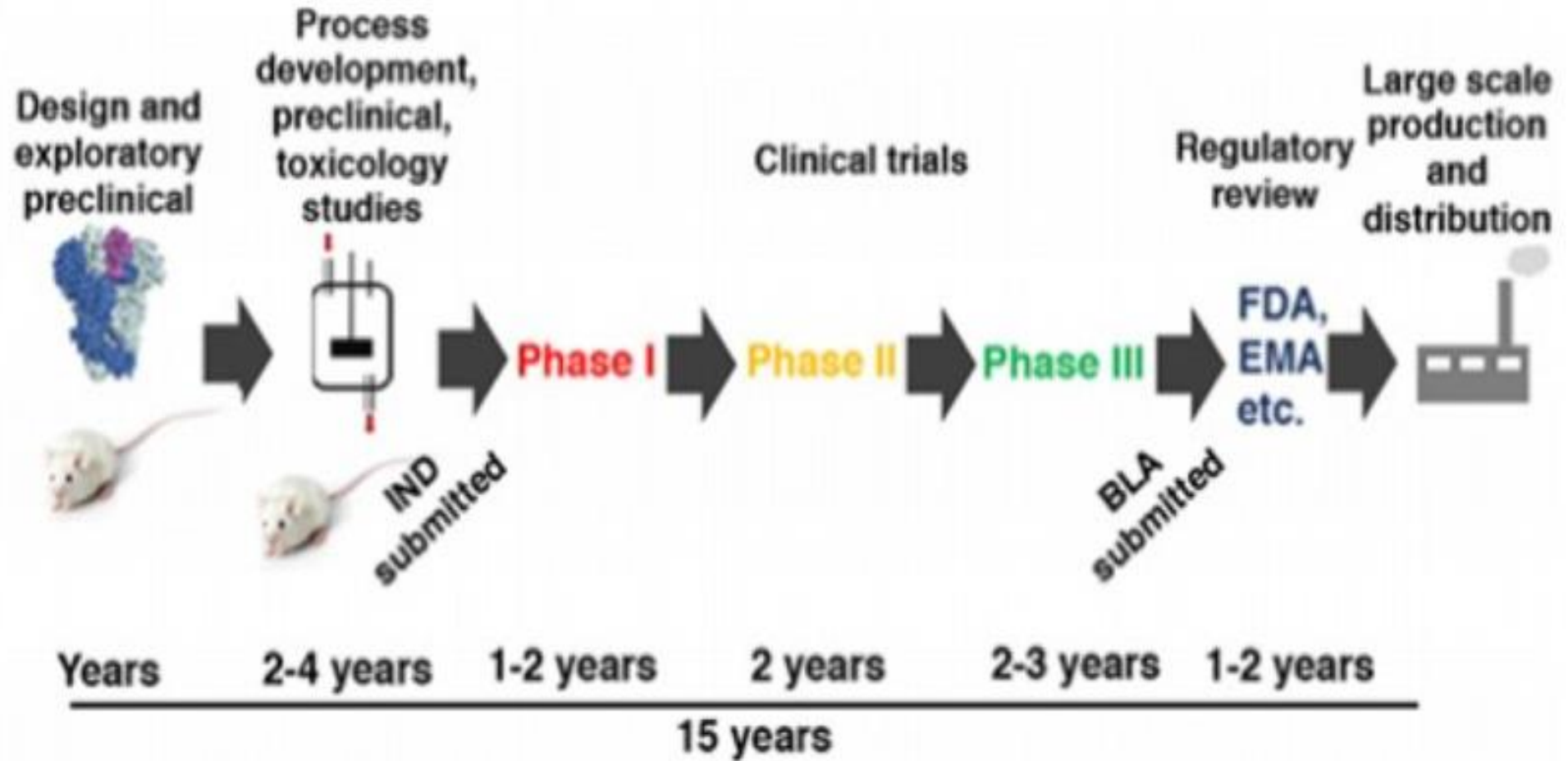


- Transmission**
- Social
 - Family
 - Work
 - Local Travel
- Source**
- Imported Source
 - Local Source
- Intervention**
- Case Quarantined





Traditional development



COVID-19 vaccine development





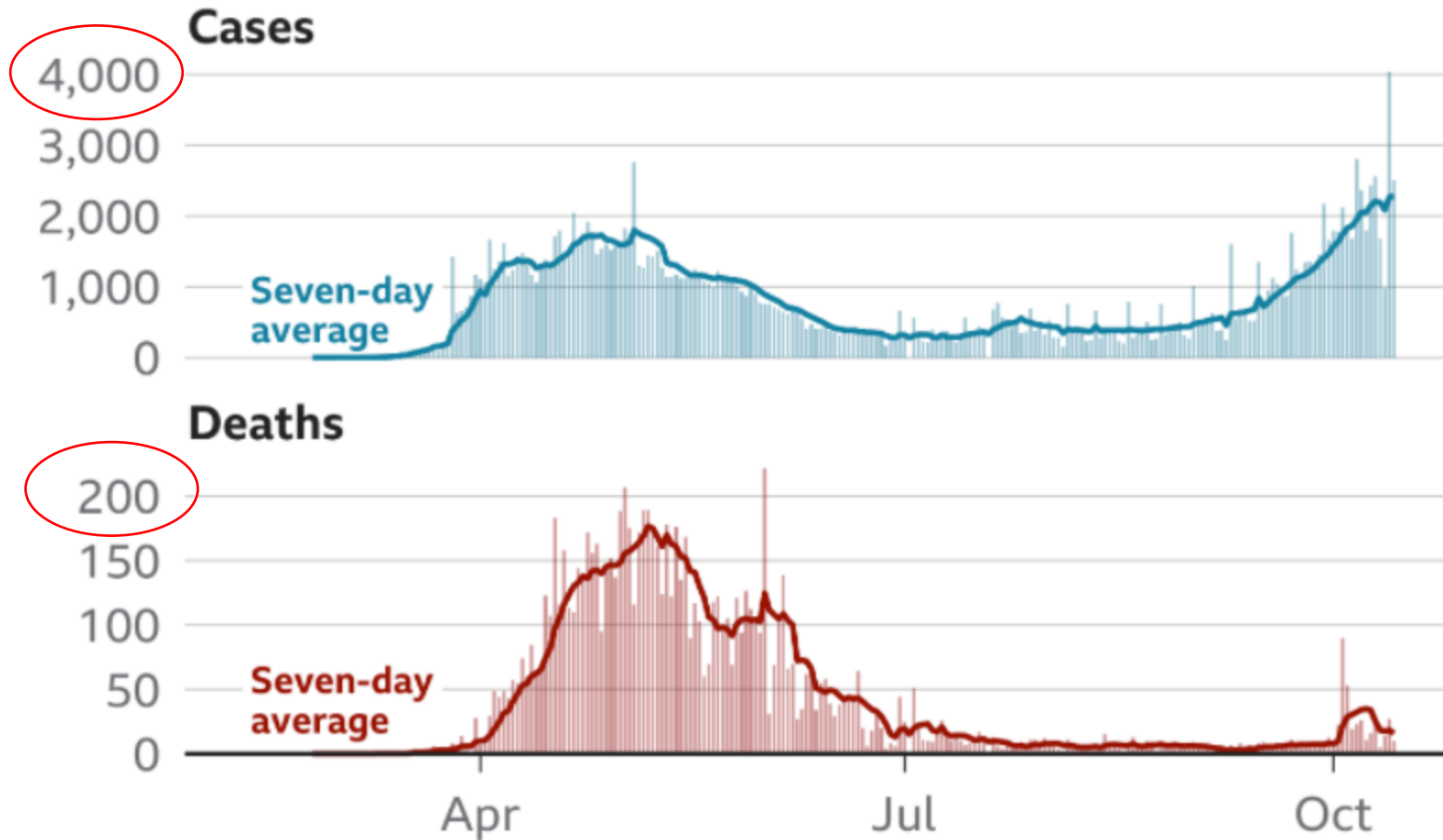
<https://www.nursingtimes.net/clinical-archive/respiratory-clinical-archive/practical-procedures-oxygen-therapy-11-01-2016/>



<https://www.boundtree.com/Pharmaceuticals/Non-Narcotic-Drugs/Dexamethasone-Vial-30mL-4mg-mL/p/1065-30>

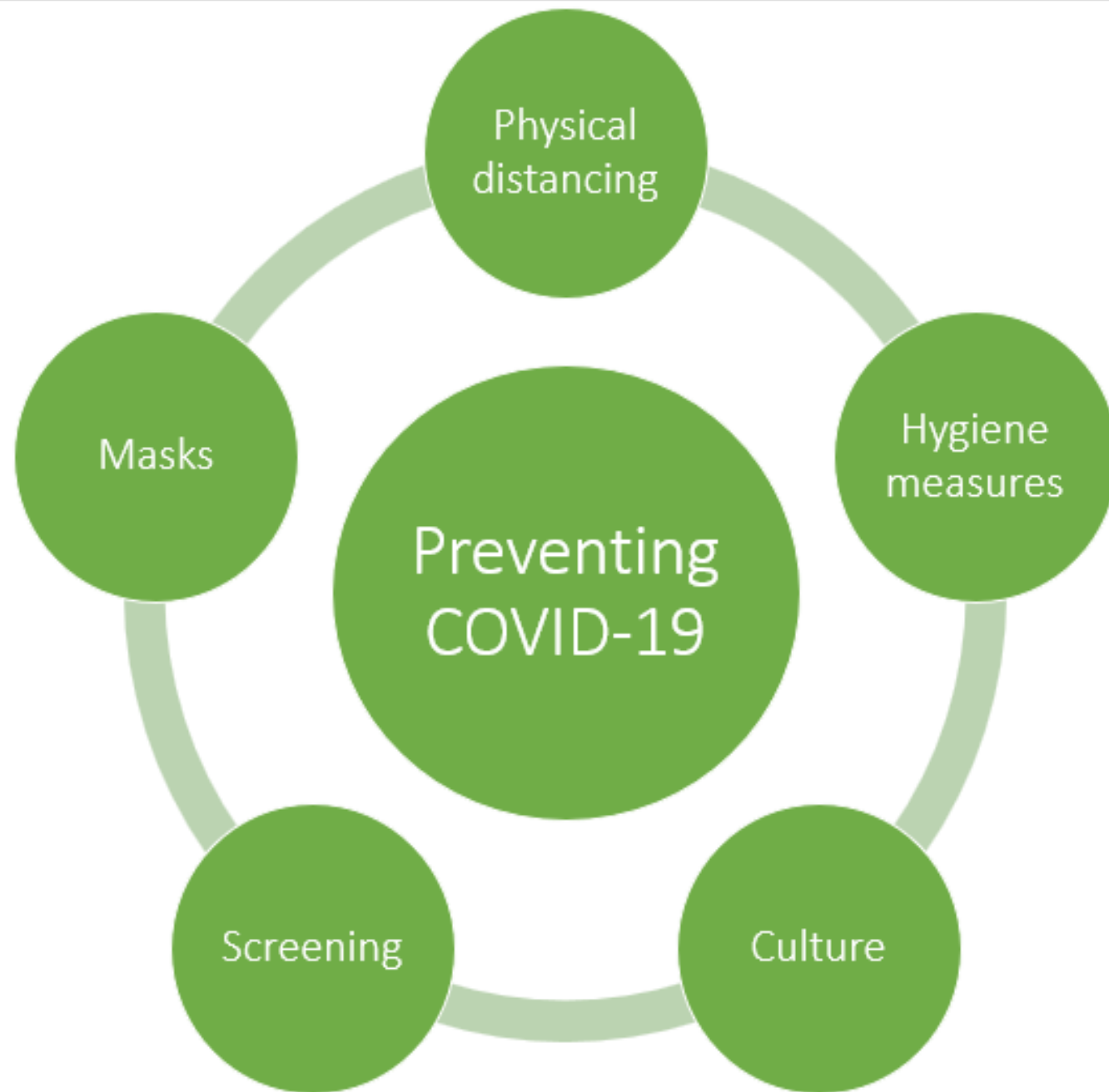


Daily cases and deaths in Canada

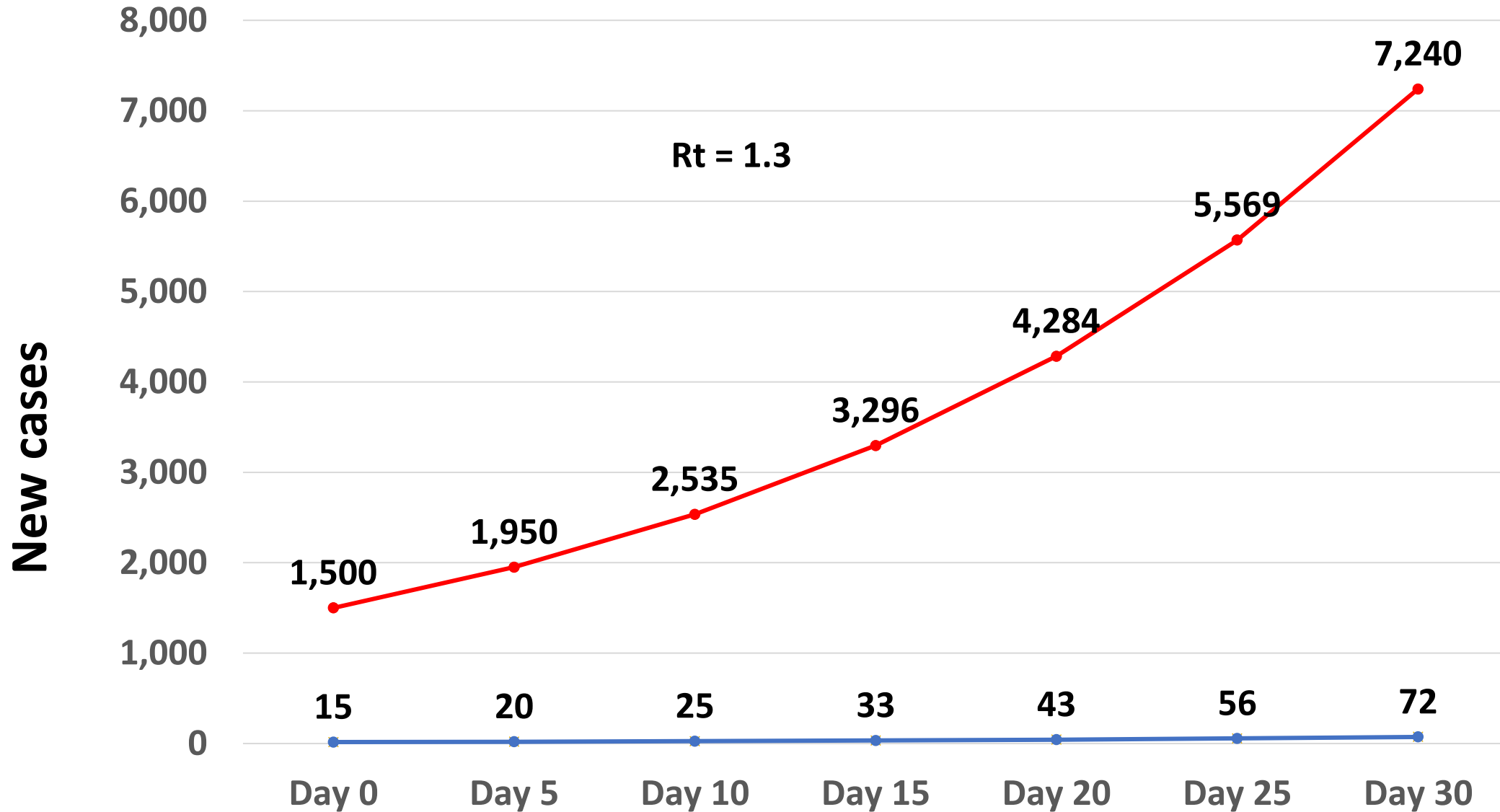


Source: ECDC

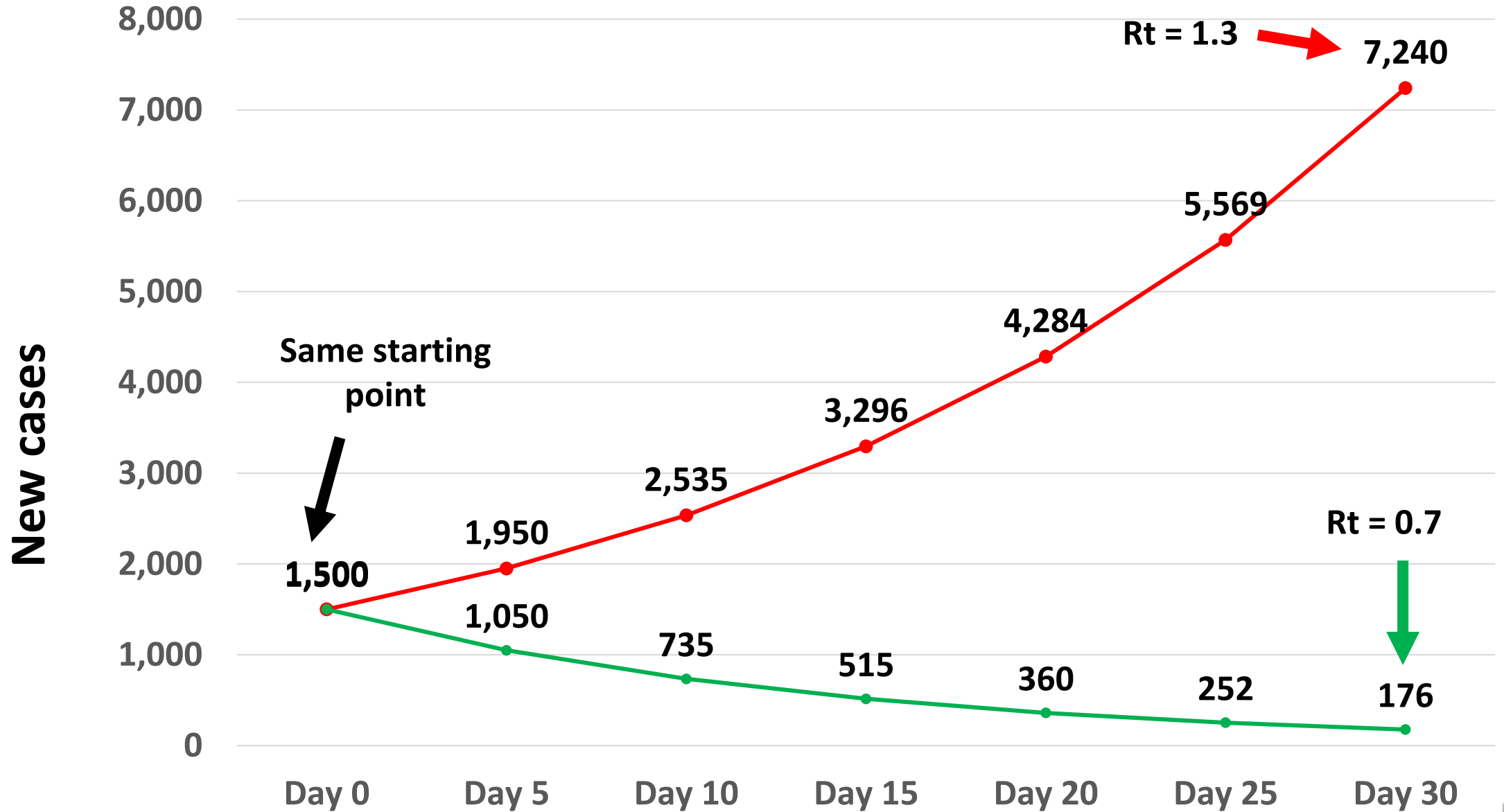




Influence of starting numbers on new case numbers



Effect of flattening the curve





To get a notification:
<https://www.myflushot.ca/>



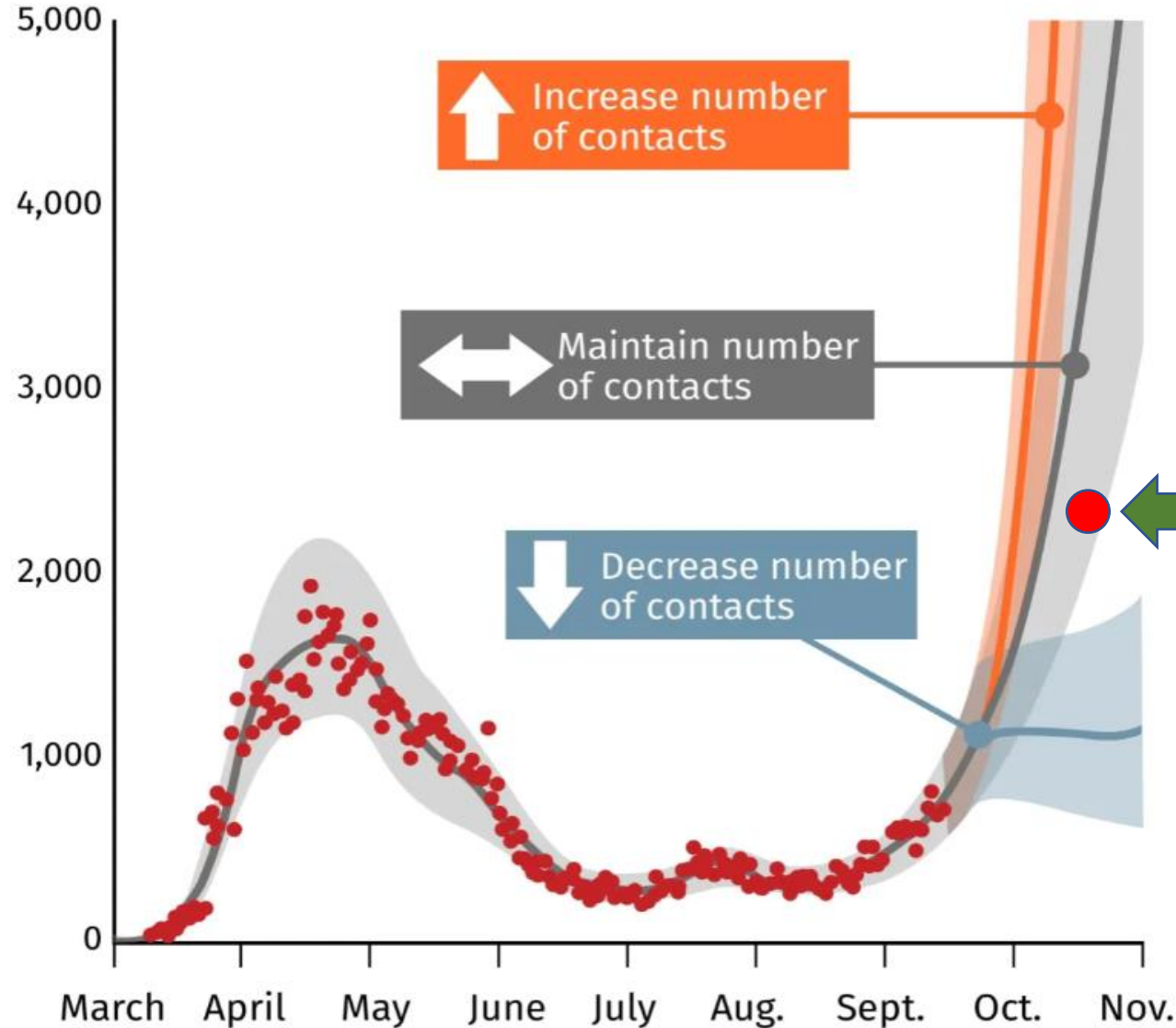
And yet people are tired of it and
yet the virus is not tired of us."

(Dr. Francis Collins, cnn.com interview)



Long-range COVID-19 forecast

Reported cases



<https://www.cbc.ca/news/politics/covid-modelling-numbers-phac-1.5733601> (Sept 22)

<https://www.ctvnews.ca/health/coronavirus/tracking-every-case-of-covid-19-in-canada-1.4852102>



WHERE SHOULD WE BE
GETTING OUR INFORMATION ABOUT
COVID-19?



YOU WON'T BELIEVE
WHAT AUNT CATHY'S
FACEBOOK PAGE HAD
ON IT FROM THE TV
COMMENTATOR QUOTING
A POLITICIAN ...



MARSHALL
SIMPSON
MISSISSIPPI
STATE
UNIVERSITY
2020



Recommended Sources of Information

- **TPH dashboard** - <https://www.toronto.ca/home/covid-19/covid-19-latest-city-of-toronto-news/covid-19-status-of-cases-in-toronto/>
- **Ryan Imgrund** – Twitter
- **Dr. Jennifer Kwan** – Twitter
- **Dr. Andrew Morris** – Twitter and weekly newsletter - <https://mailchi.mp/51634e1fce3e/weekly-email-32-from-your-friendly-neighbourhood-infectious-diseases-specialist?e=fb38f6dac0>





Questions?

