

## Canada COVID-19 epidemic models situation report No 34 - 2022-02-18

Farshad Pourmalek MD PhD

Former lecturer, University of British Columbia, Vancouver | [UBC SPPH](#) | [ORCID](#) | [PubMed](#)  
[pourmalek\\_farshad@yahoo.com](mailto:pourmalek_farshad@yahoo.com)

# Combine and visualize international periodically updated estimates of COVID-19 pandemic at the country level, countries with subnational level estimates Canada

Based on uptake 20220218 in <https://github.com/pourmalek/CovidVisualizedCountry>

**DELP 20220218, IHME 20220218, IMPE NO, SRIV NO**

**IMPE 20220102** is > one month old and is not included in the graphs.

**SRIV** Highly implausibly high estimate.

DELP: [model by Massachusetts Institute of Technology, Cambridge](#)

IHME: [model by Institute for Health Metrics and Evaluation, Seattle](#)

IMPE: [model by Imperial College, London](#)

SRIV: [model by Srivastava, Ajitesh, University of Southern California, Los Angeles](#)

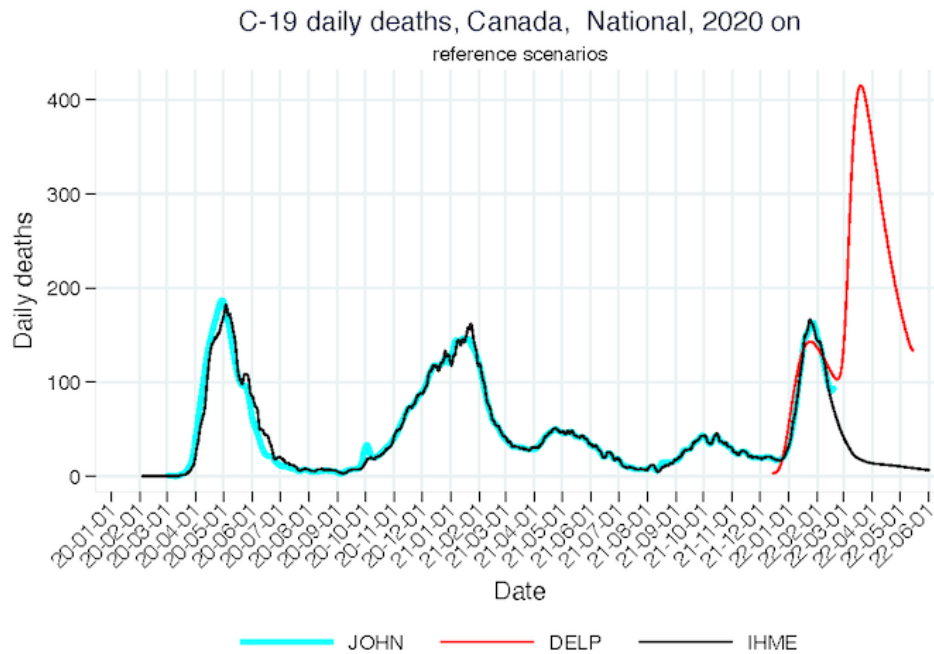
## Table of Contents

<b>Selected graphs.....</b>	<b>2</b>
Selected graphs - Canada, National.....	2
Selected graphs - Canada, Provinces together.....	8
Selected graphs - Alberta .....	16
Selected graphs - British Columbia.....	18
Selected graphs - Manitoba.....	20
Selected graphs - Nova Scotia .....	22
Selected graphs - Ontario .....	24
Selected graphs - Quebec.....	26
Selected graphs - Saskatchewan .....	28

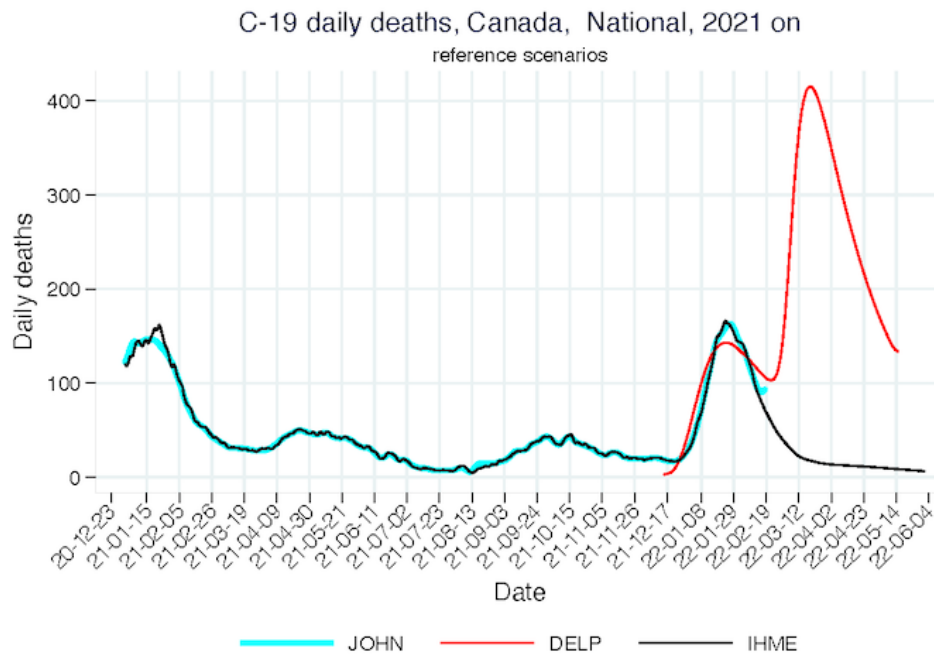
## Selected graphs

### Selected graphs - Canada, National

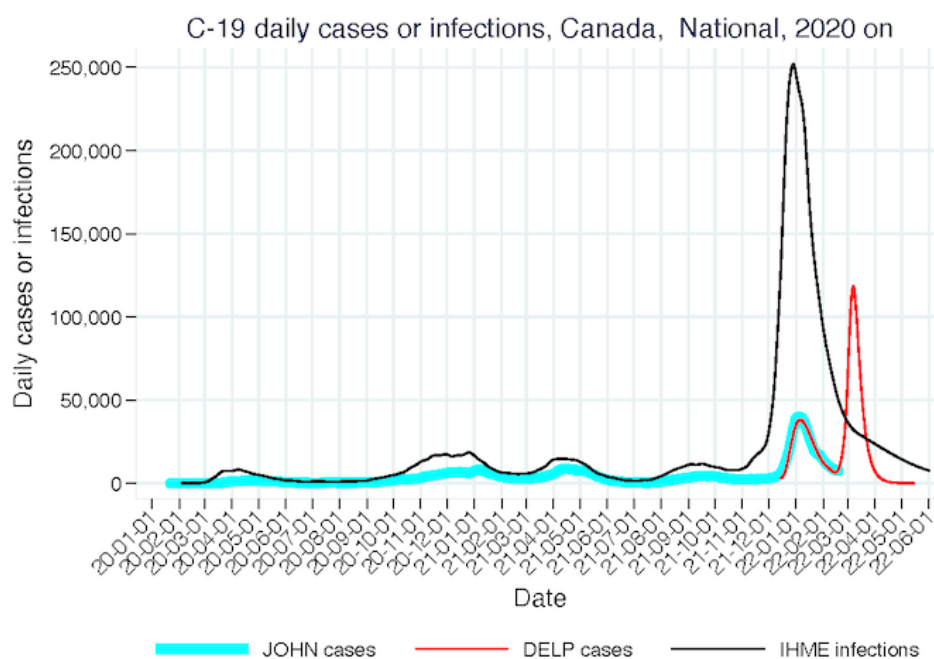
(1) Canada [Daily deaths, Reference scenarios, 2020 on](#)



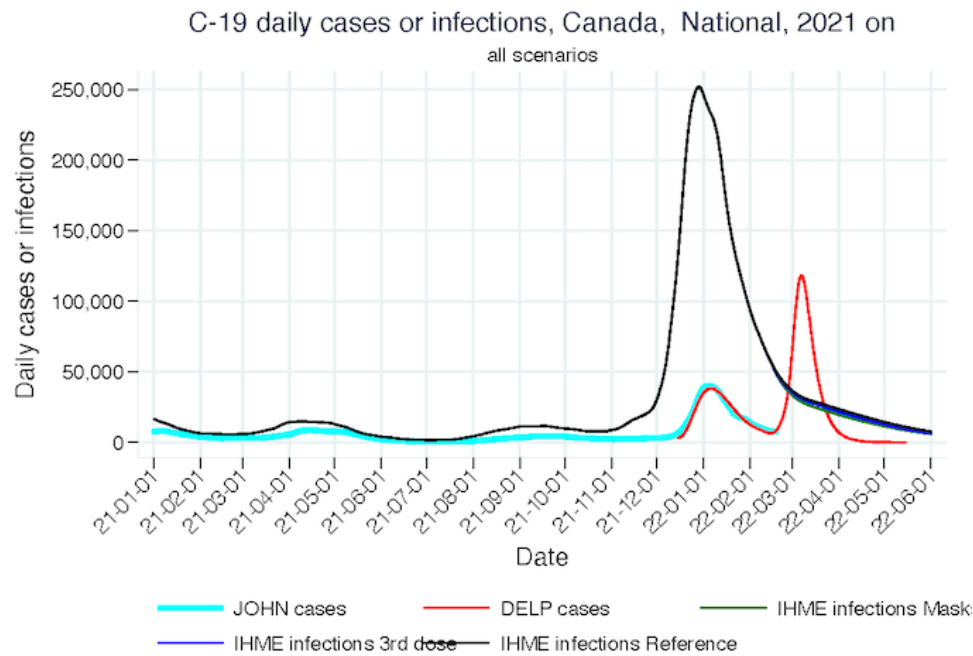
(2) Canada National [Daily deaths, All scenarios, 2021 on](#)



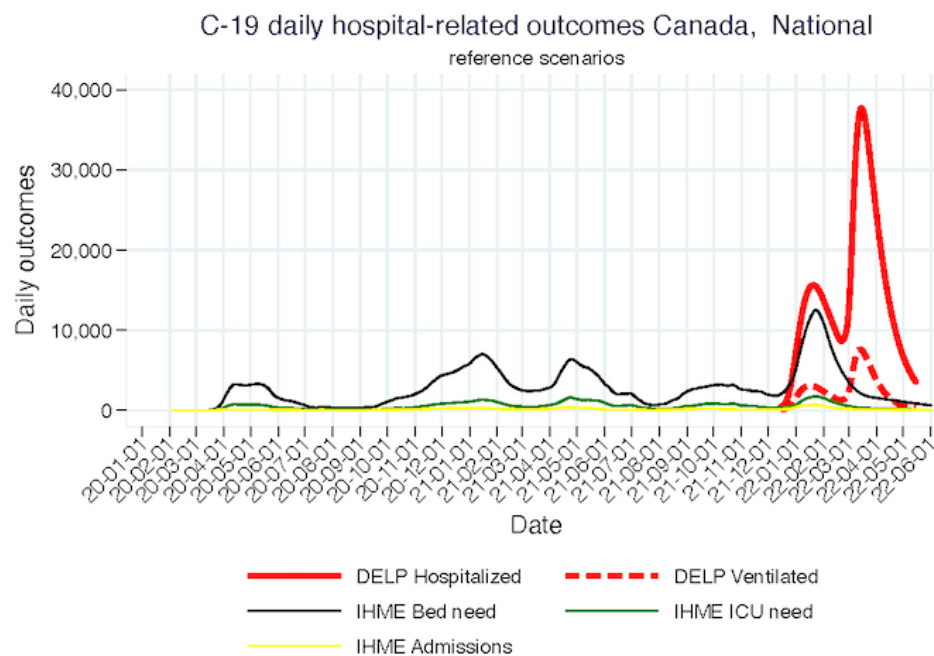
(3) Canada National [Daily cases or infections, Reference scenarios, 2020 on](#)



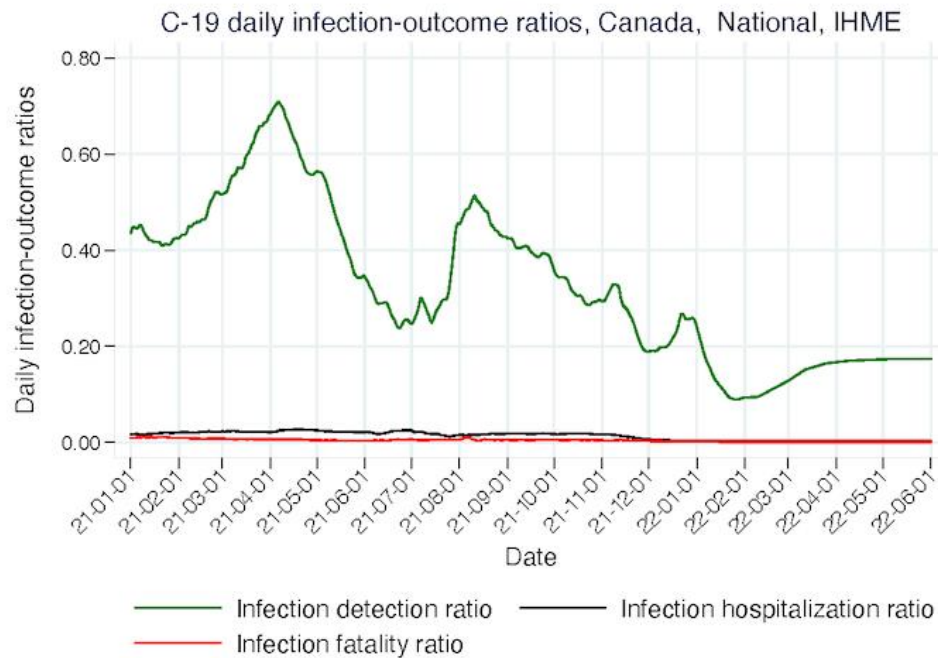
(4) Canada National [Daily cases or infections, All scenarios, 2021 on](#)



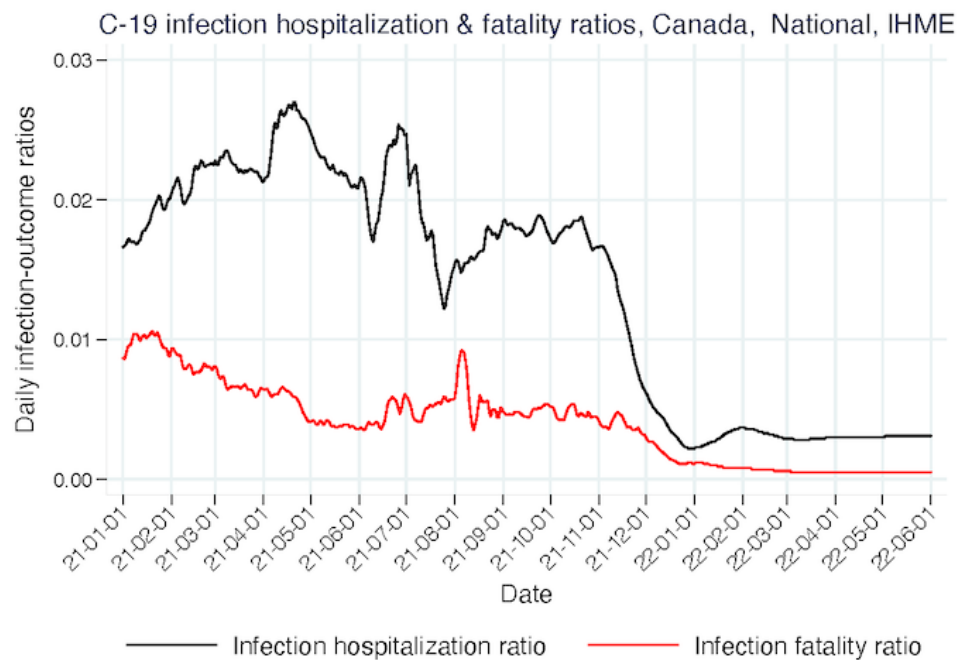
(5) Canada National [Daily hospital-related outcomes, Reference scenarios, 2020 on](#)



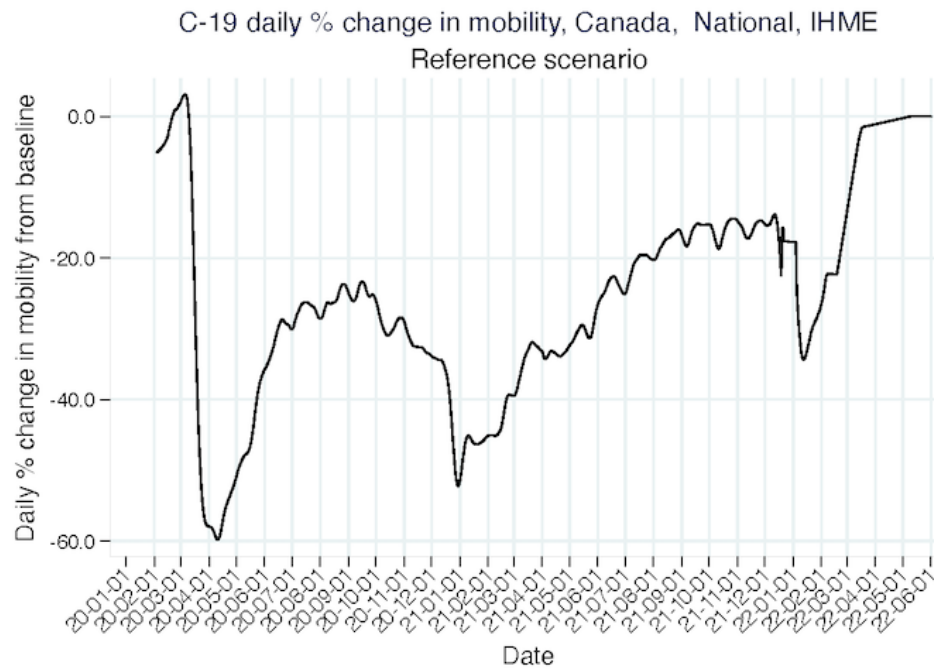
(6) Canada National [Daily Infection outcomes ratios, Reference scenarios, IHME, 2021 on](#)



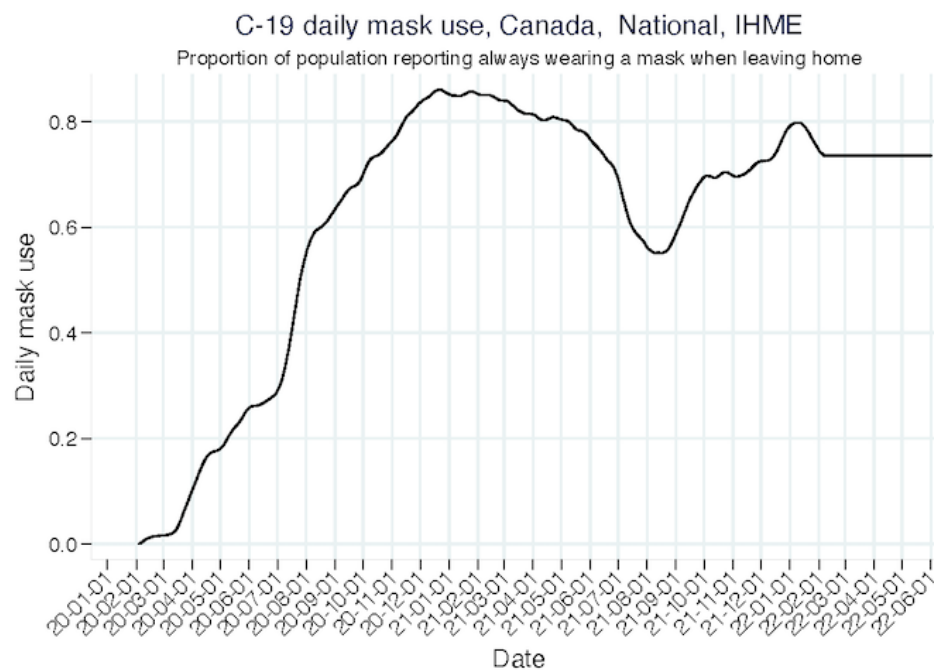
(7) Canada National [Daily Infection hospitalization and fatality ratios, Reference scenario, IHME, 2021 on](#)



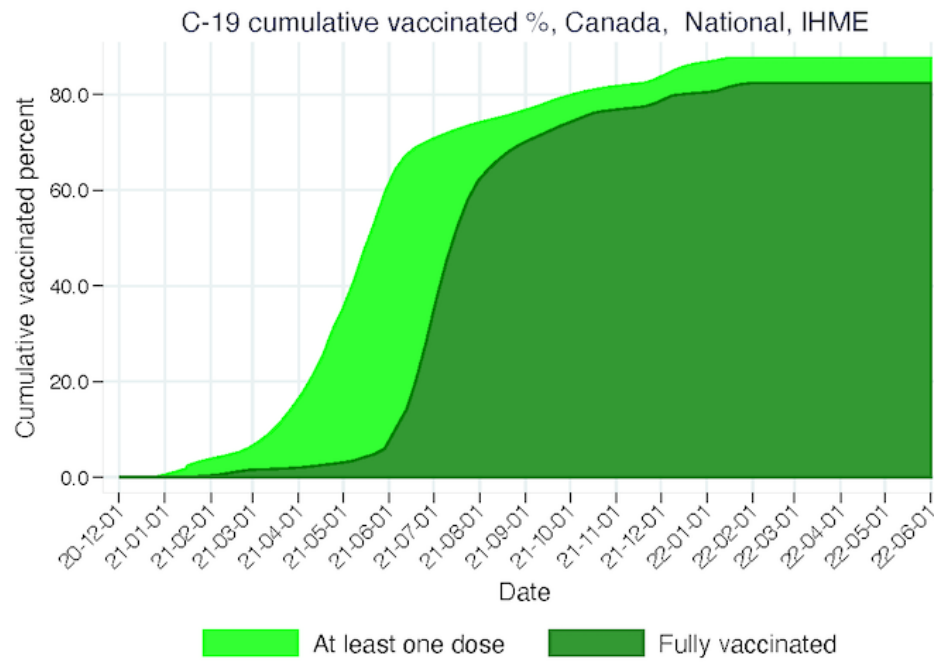
(8) Canada National [Daily percent change in mobility, Reference scenario, IHME, 2020 on](#)



(9) Canada National [Daily mask use, IHME, 2020 on](#)



(10) Canada National [Percent cumulative vaccinated, IHME, 2020 on](#)

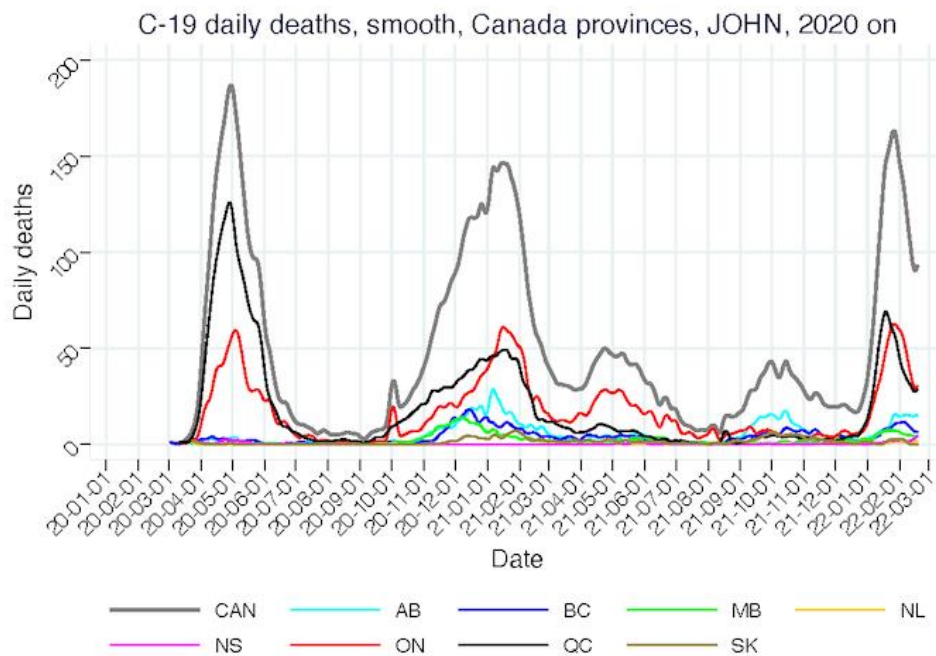


## Selected graphs - Canada, Provinces together

(a) Official reports to WHO, via JOHN || (b) Models: IHME

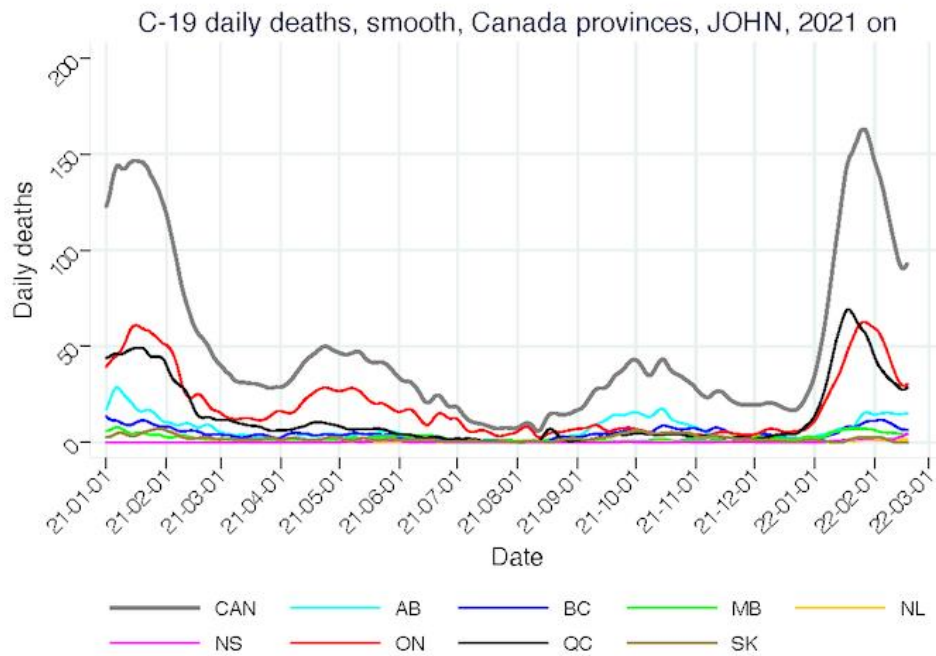
(a) Official reports to WHO, via JOHN

(1) Canada Provinces [Daily reported deaths, JOHN, 2020 on](#)

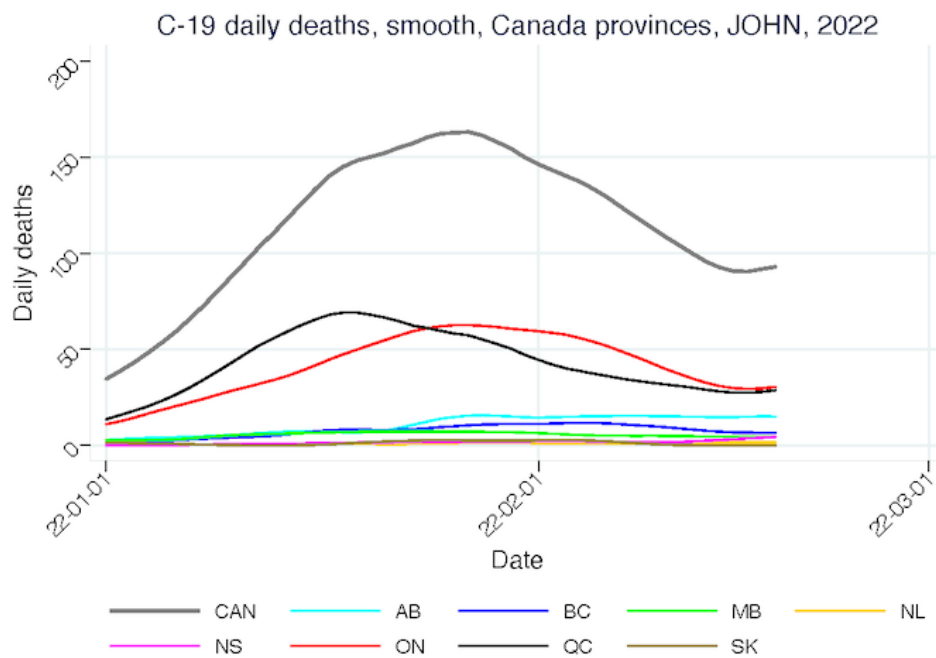




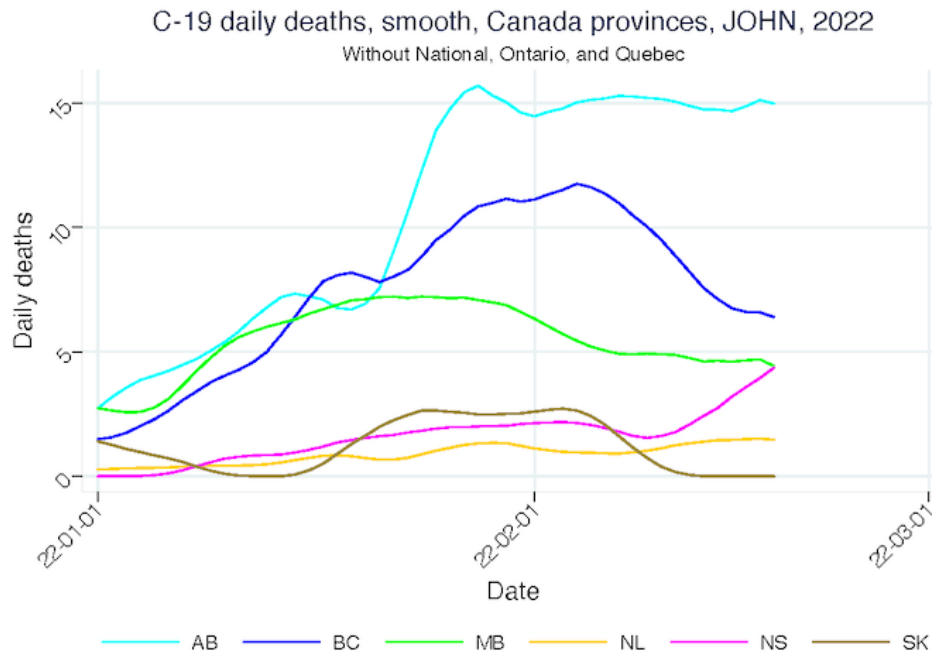
(2) Canada Provinces [Daily reported deaths, JOHN, 2021 on](#)



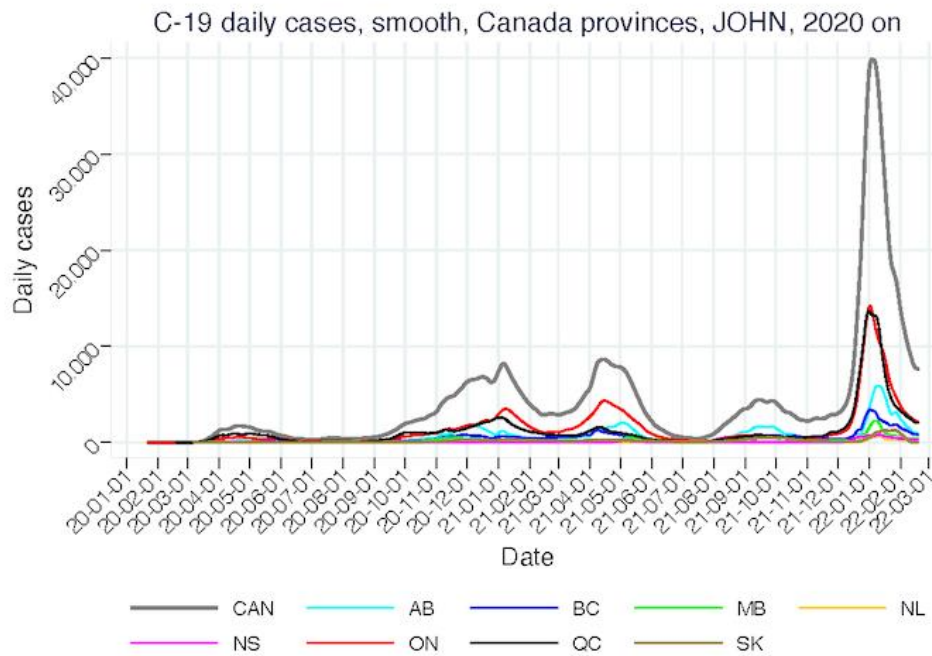
(3) Canada Provinces [Daily reported deaths, JOHN, 2022](#)



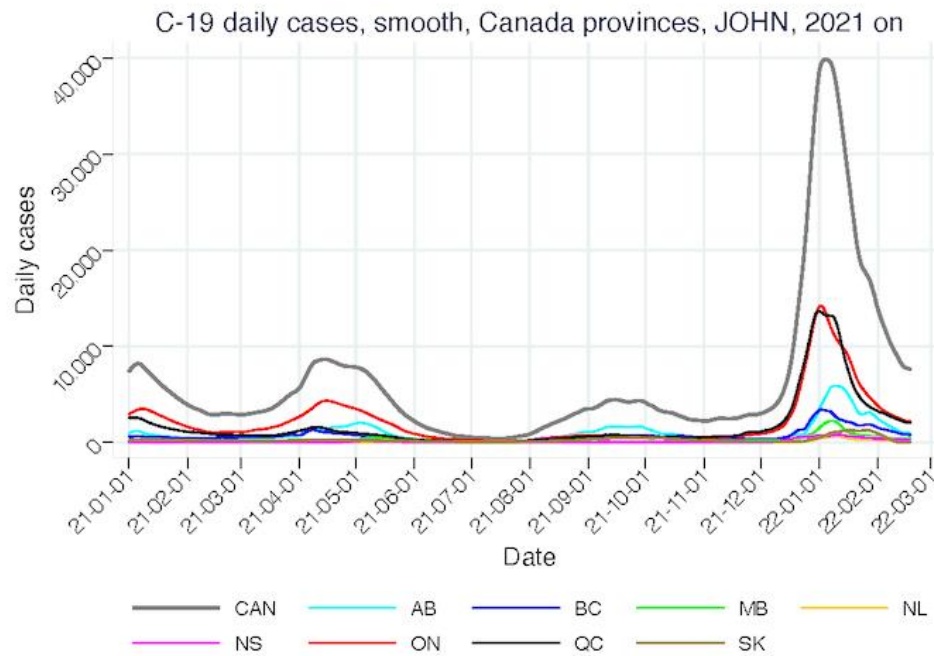
(4) Canada Provinces [Daily reported deaths, without National, Ontario, and Quebec, JOHN, 2022](#)



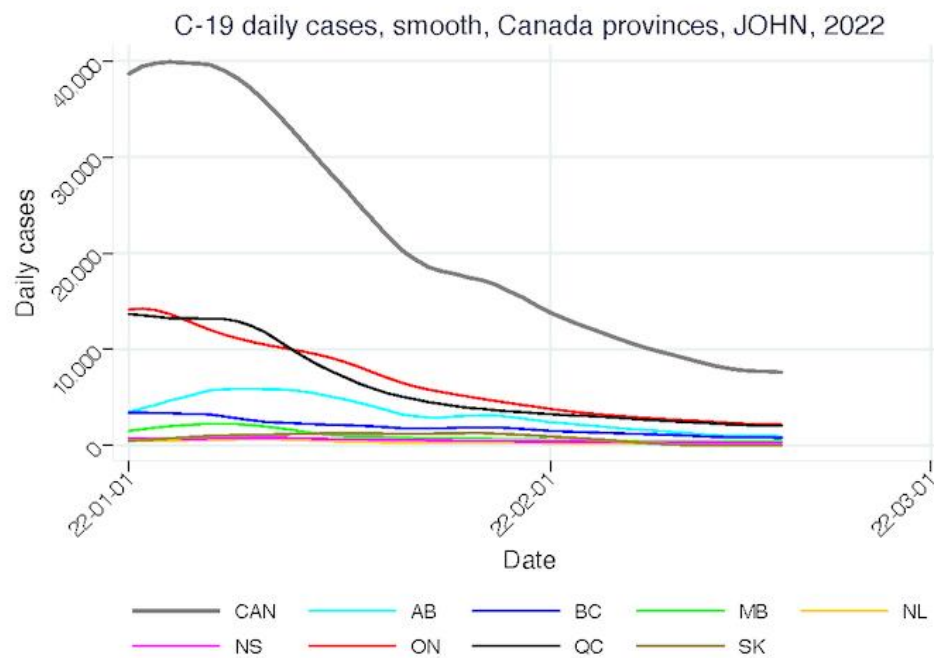
(5) Canada Provinces [Daily reported cases, JOHN, 2020 on](#)



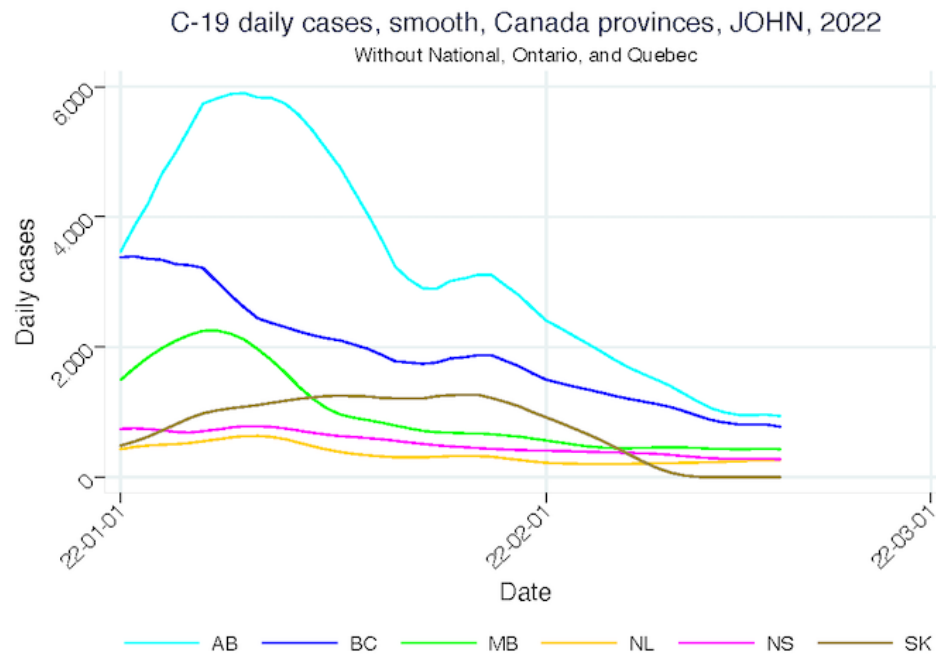
(6) Canada Provinces [Daily reported cases, JOHN, 2021 on](#)



(7) Canada Provinces [Daily reported cases, JOHN, 2022](#)

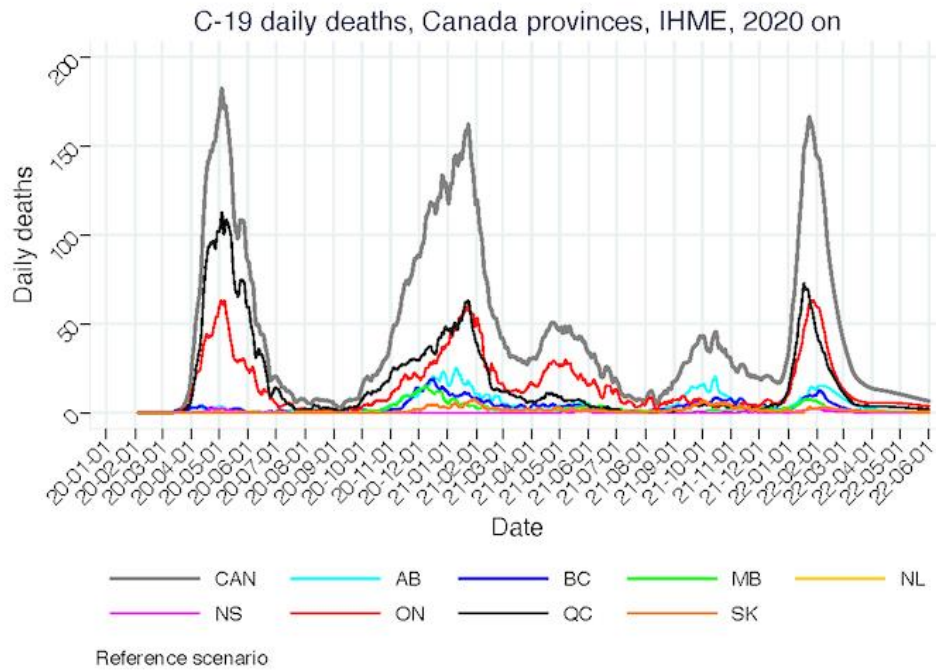


(8) Canada Provinces [Daily reported cases, without National, Ontario, and Quebec, JOHN, 2022](#)

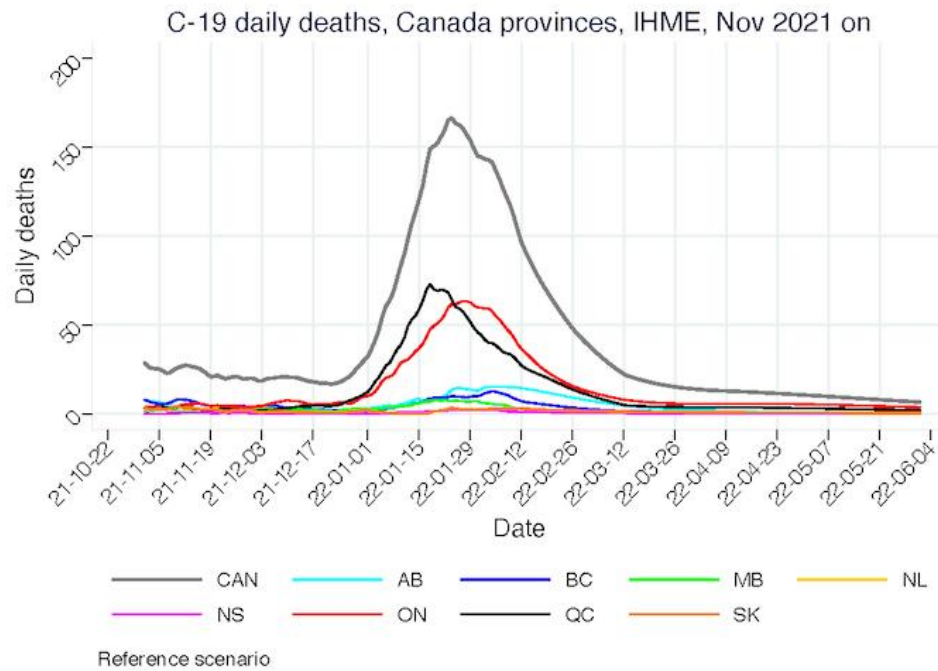


(b) Models: IHME

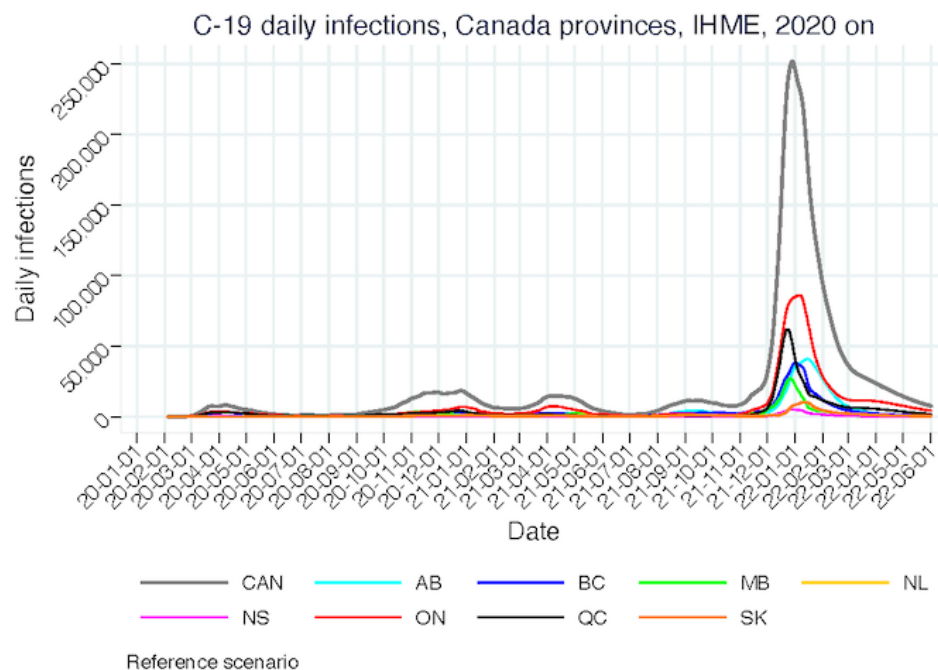
(9) Canada Provinces [Daily deaths, Reference scenario, IHME, 2020 on](#)



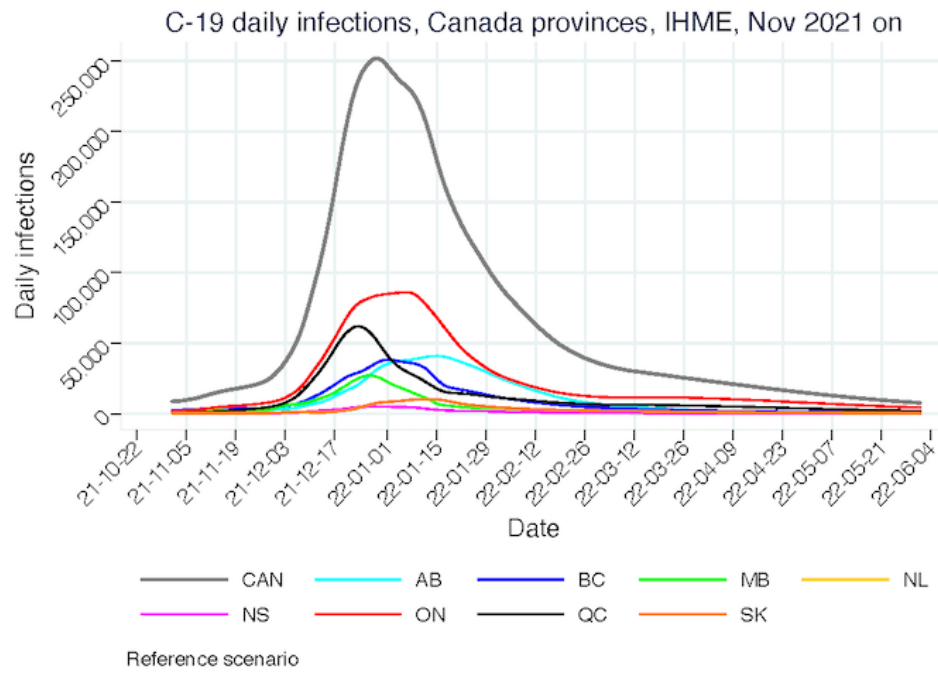
(10) Canada Provinces [Daily deaths, Reference scenario, IHME, Nov 2021 on](#)



(11) Canada Provinces [Daily infections, Reference scenario, IHME, 2020 on](#)

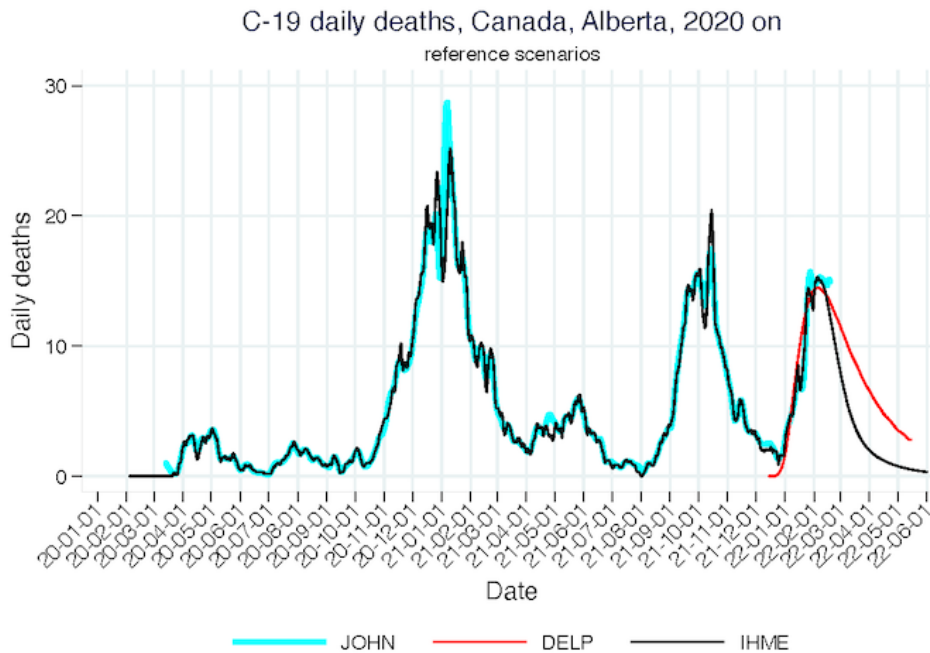


(12) Canada Provinces [Daily infections, Reference scenario, IHME, Nov 2021 on](#)

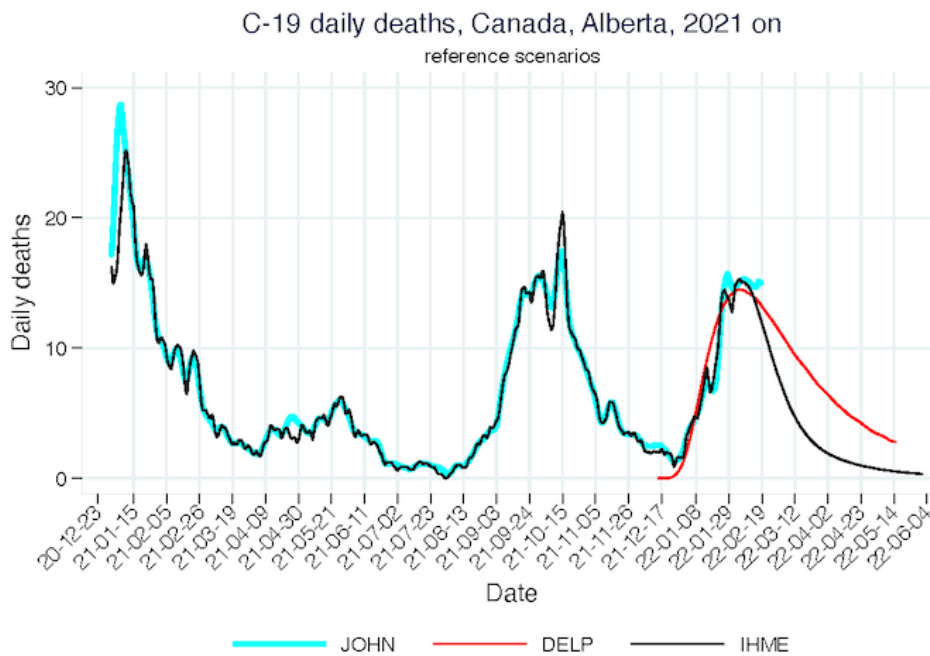


## Selected graphs - Alberta

(1) Alberta [Daily deaths, Reference scenario, 2020 on](#)

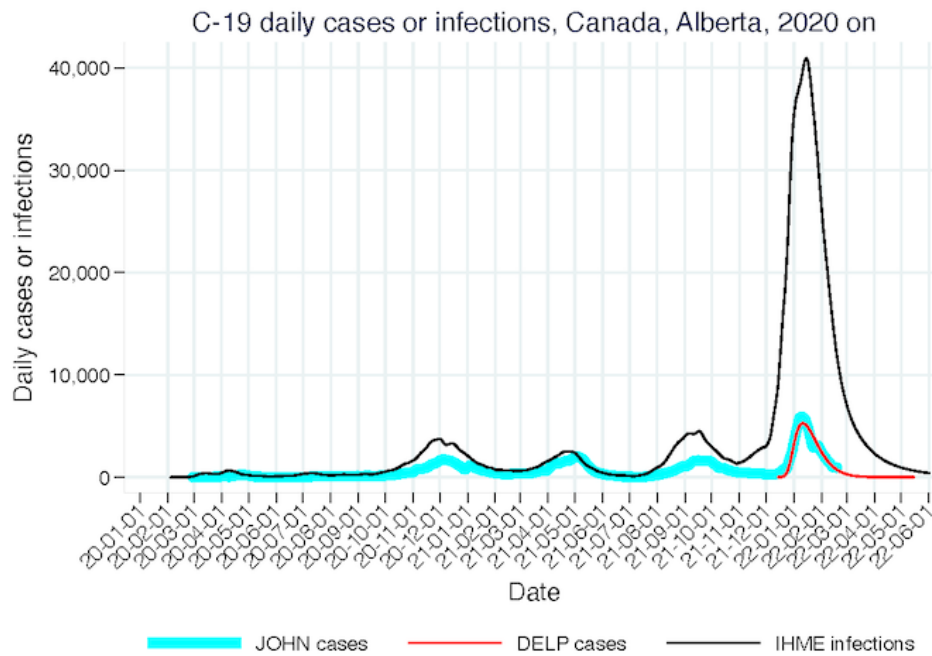


(2) Alberta [Daily deaths, Reference scenario, 2021 on](#)

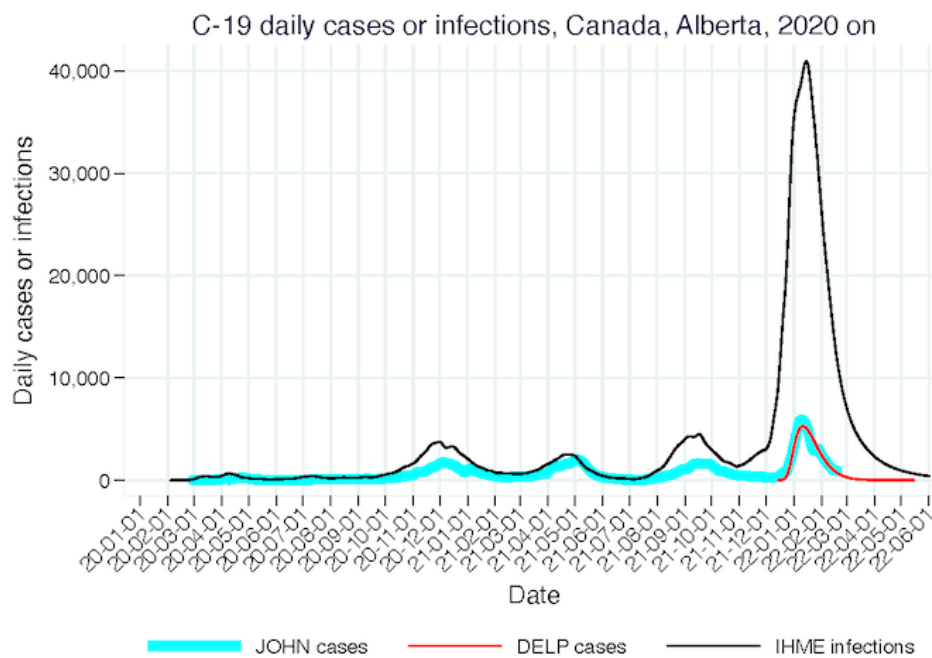




(3) Alberta [Daily cases or infections, Reference scenario, 2020 on](#)

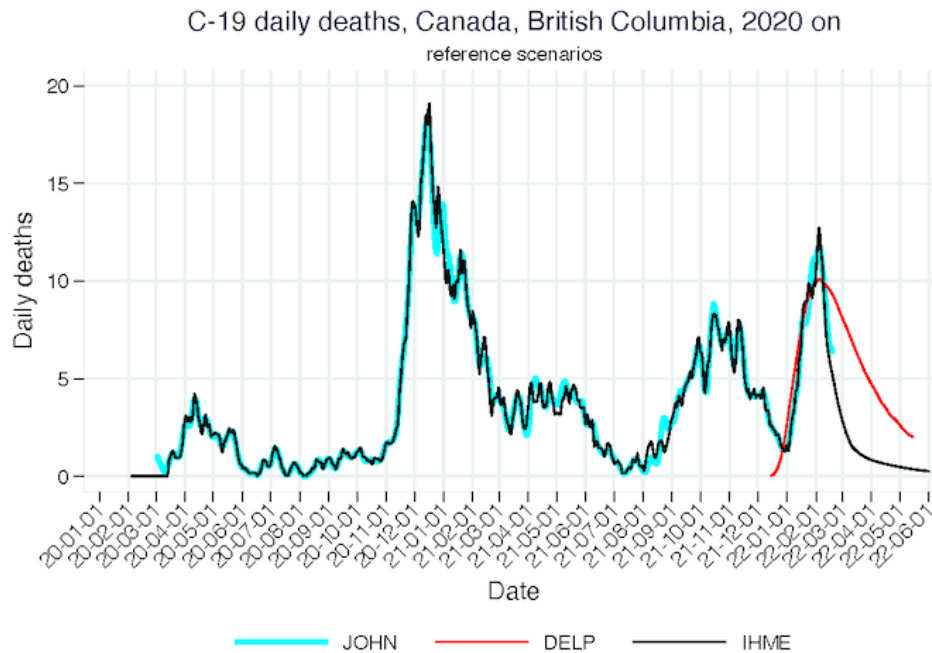


(4) Alberta [Daily cases or infections, Reference scenario, 2021 on](#)

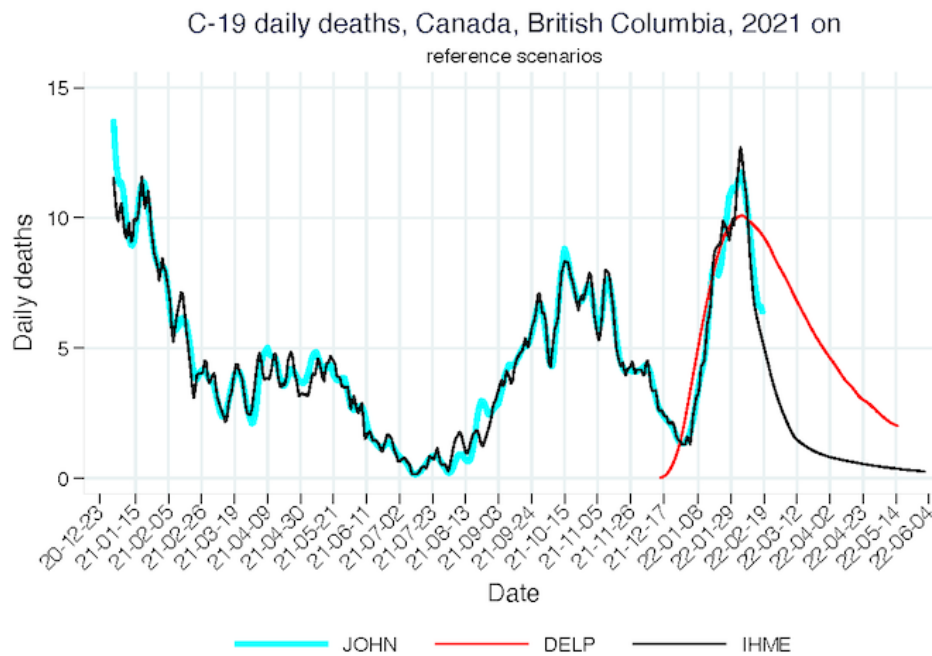


## Selected graphs - British Columbia

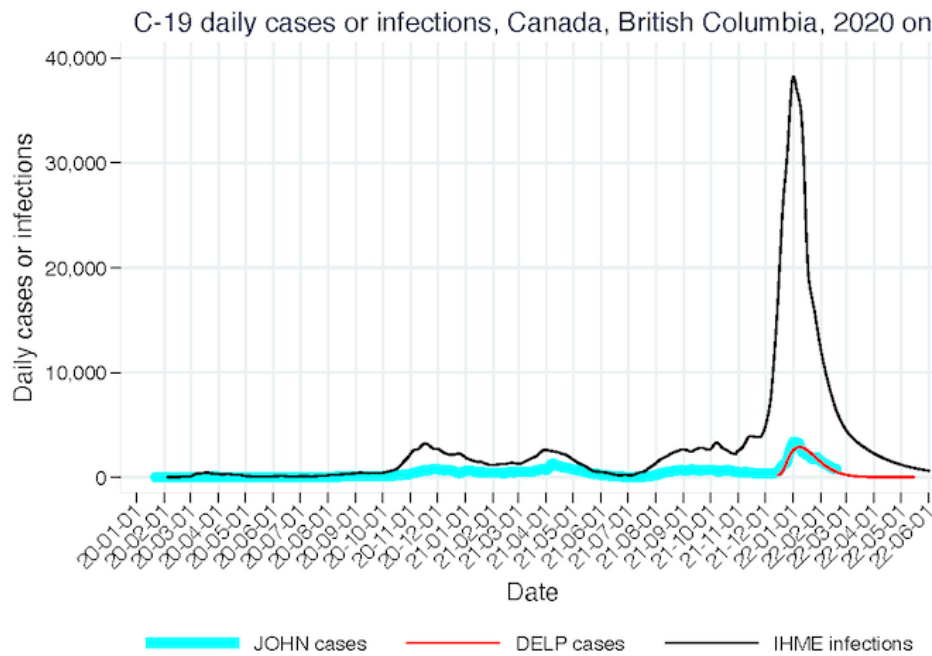
(1) British Columbia [Daily deaths, Reference scenario, 2020 on](#)



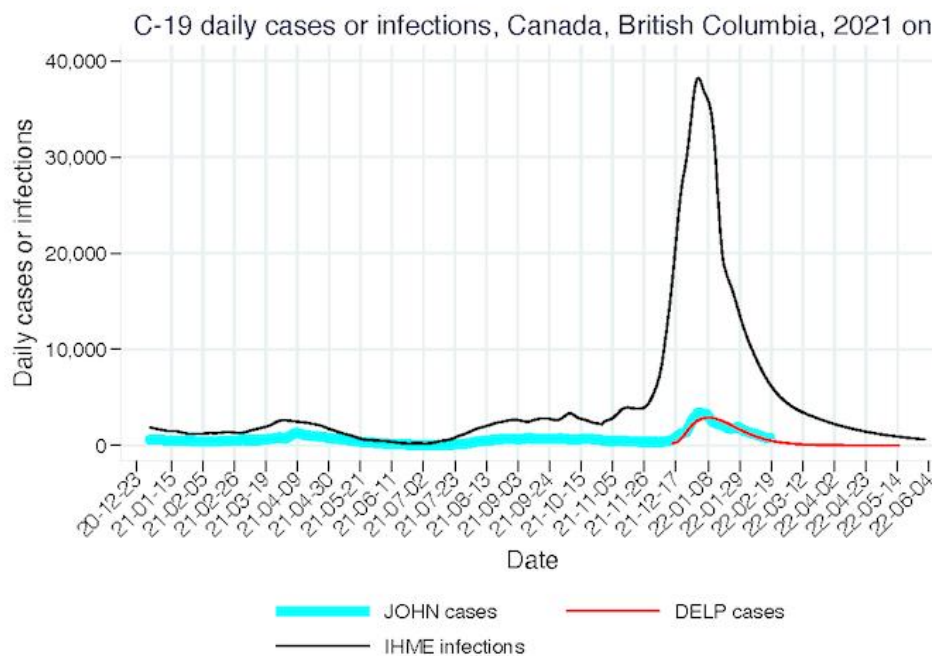
(2) British Columbia [Daily deaths, Reference scenario, 2021 on](#)



(3) British Columbia [Daily cases or infections, Reference scenario, 2020 on](#)

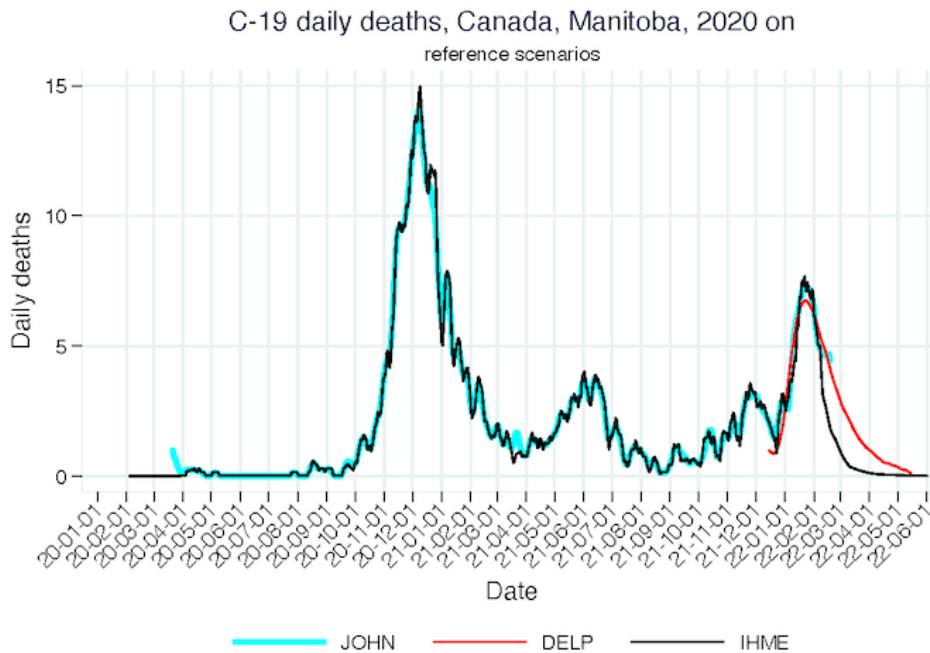


(4) British Columbia [Daily cases or infections, Reference scenario, 2021 on](#)

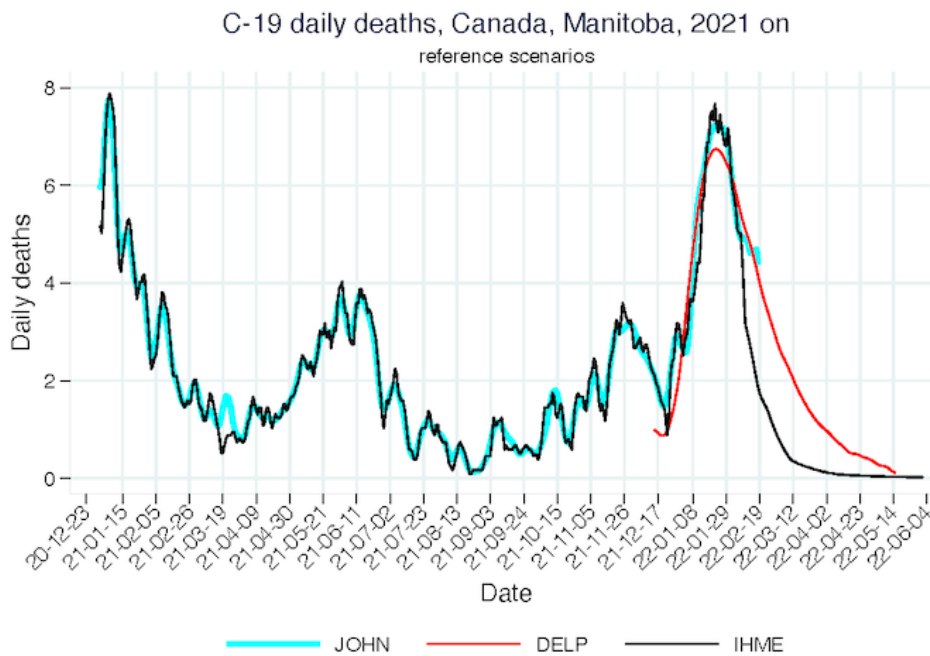


## Selected graphs - Manitoba

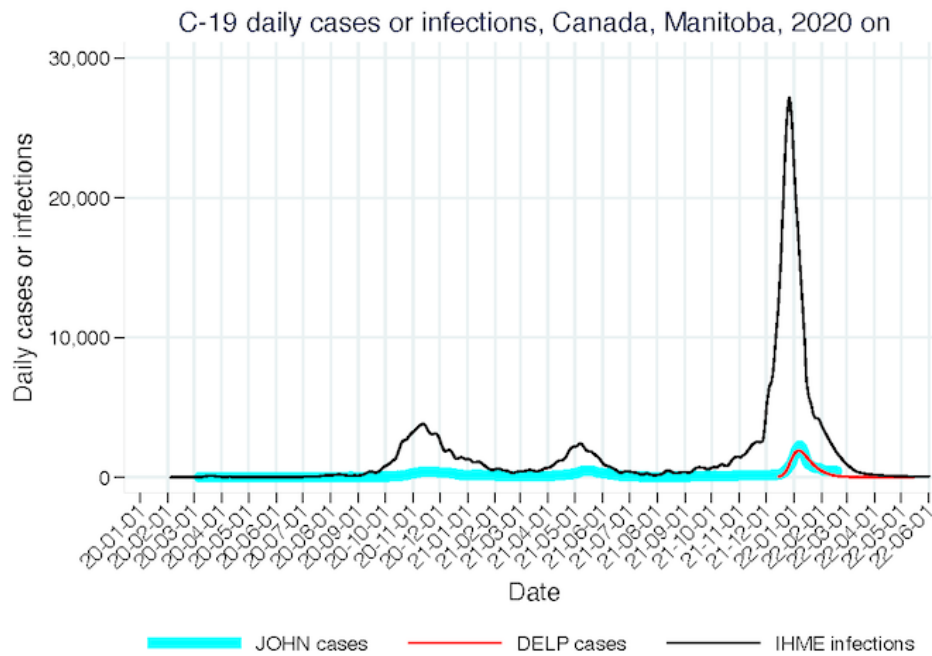
(1) Manitoba [Daily deaths, Reference scenario, 2020 on](#)



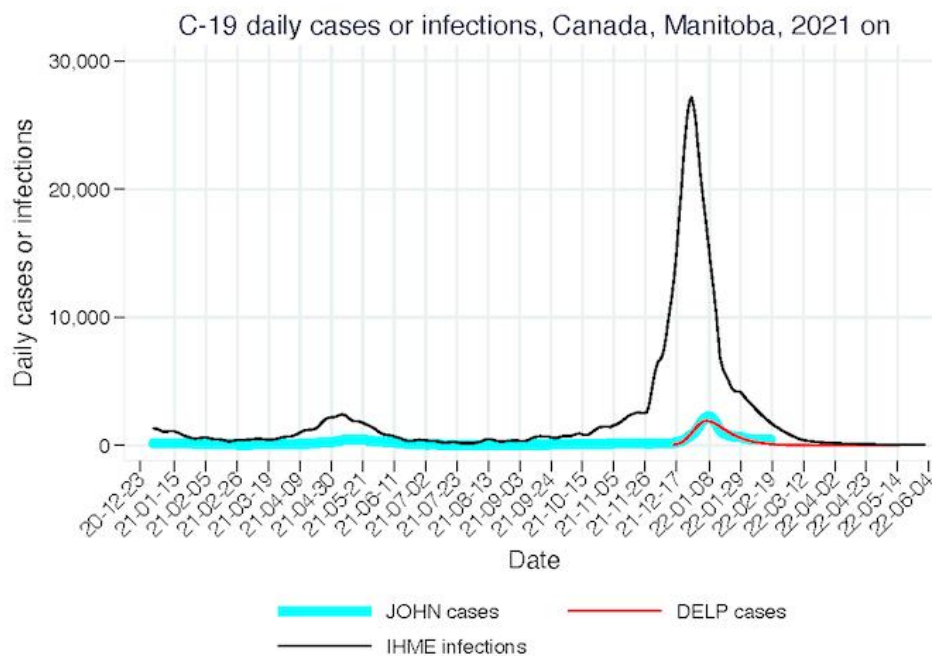
(2) Manitoba [Daily deaths, Reference scenario, 2021 on](#)



(3) Manitoba [Daily cases or infections, Reference scenario, 2020 on](#)

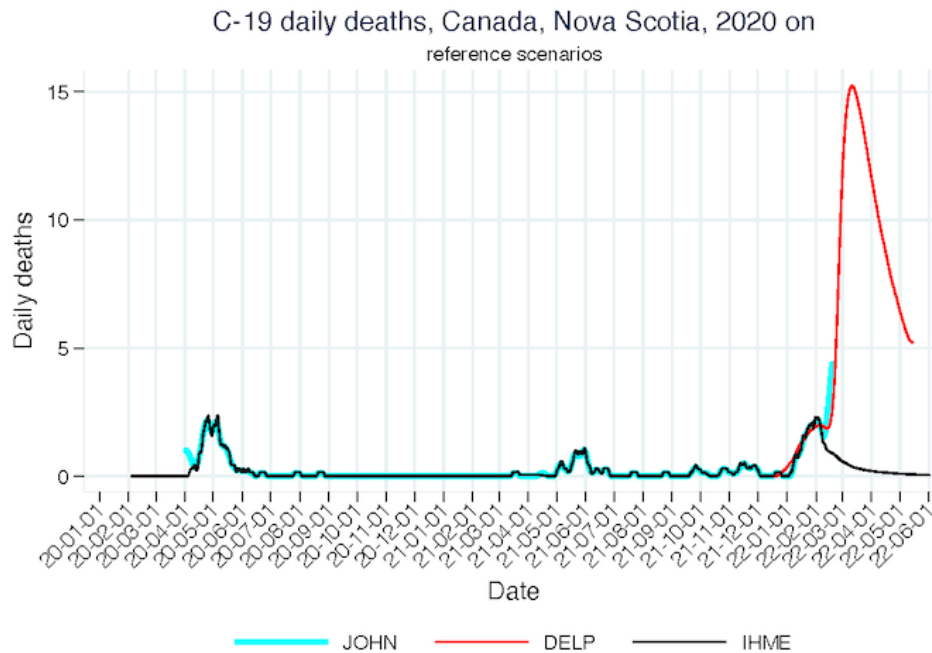


(4) Manitoba [Daily cases or infections, Reference scenario, 2021 on](#)

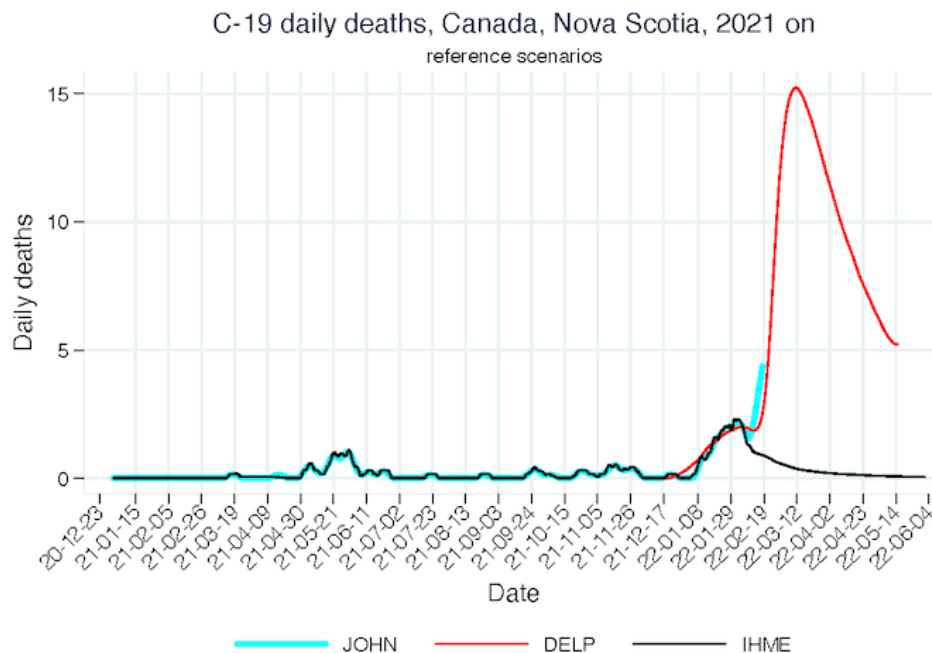


## Selected graphs - Nova Scotia

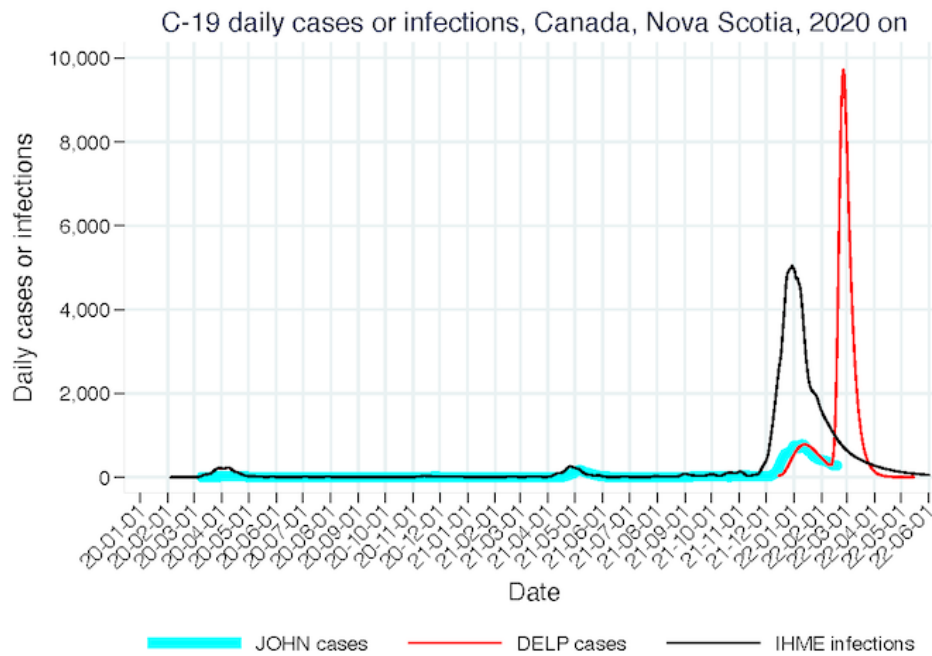
(1) Nova Scotia [Daily deaths, Reference scenario, 2020 on](#)



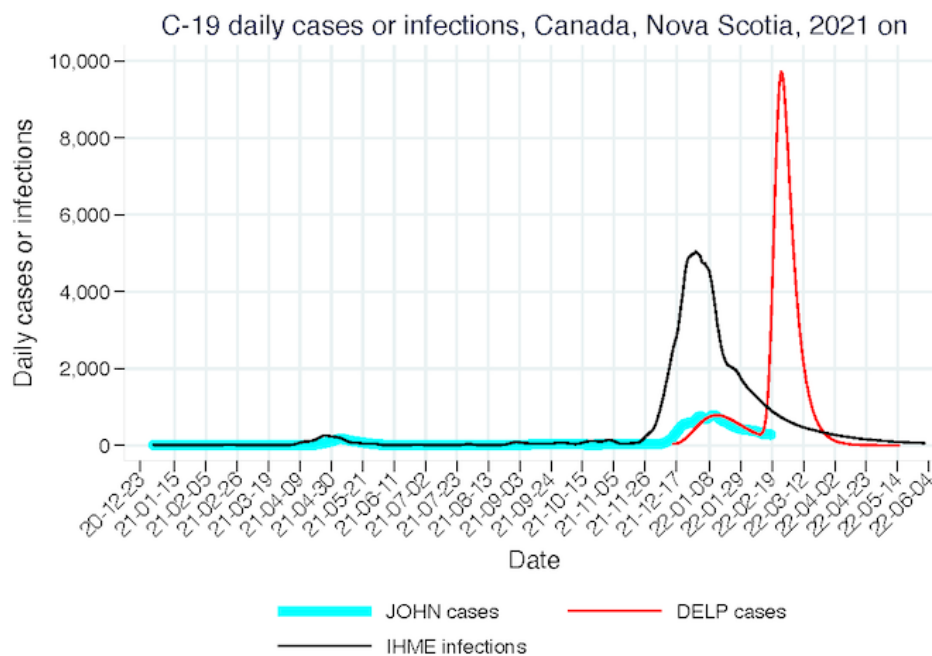
(2) Nova Scotia [Daily deaths, Reference scenario, 2021 on](#)



(3) Nova Scotia [Daily cases or infections, Reference scenario, 2020 on](#)

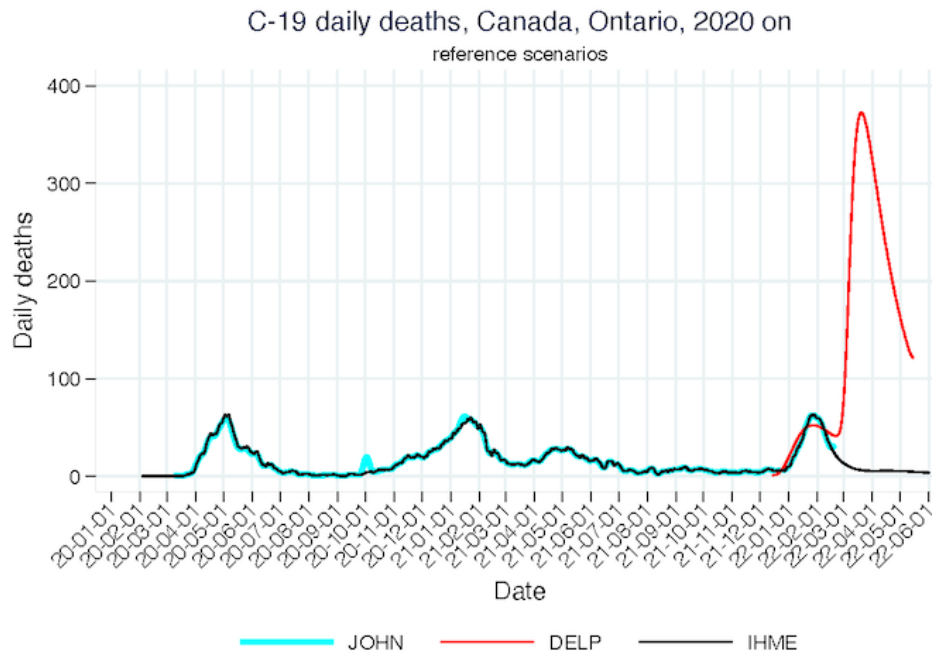


(4) Nova Scotia [Daily cases or infections, Reference scenario, 2021 on](#)

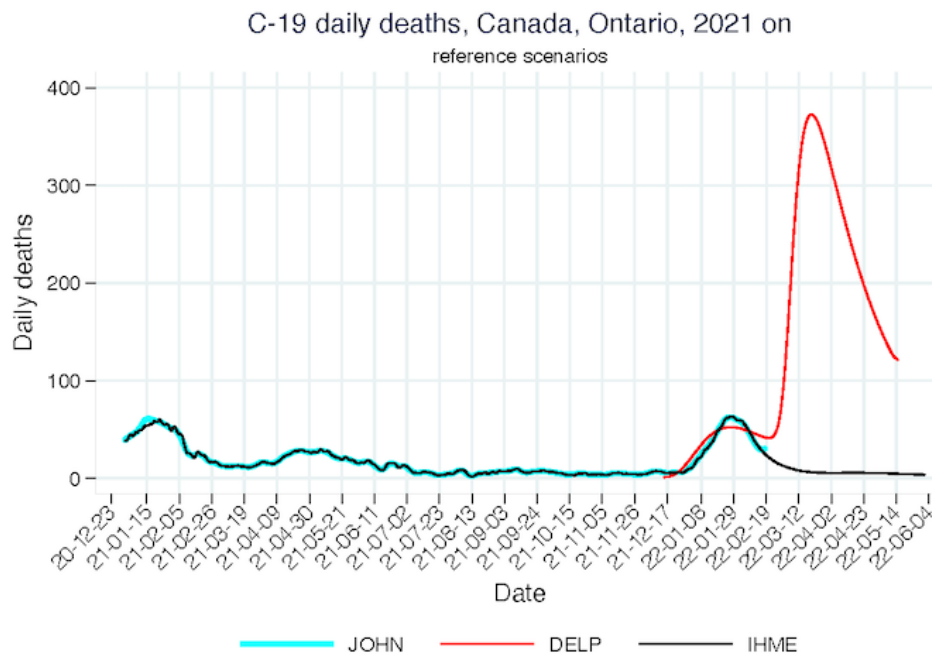


## Selected graphs - Ontario

### (1) Ontario [Daily deaths, Reference scenario, 2020 on](#)

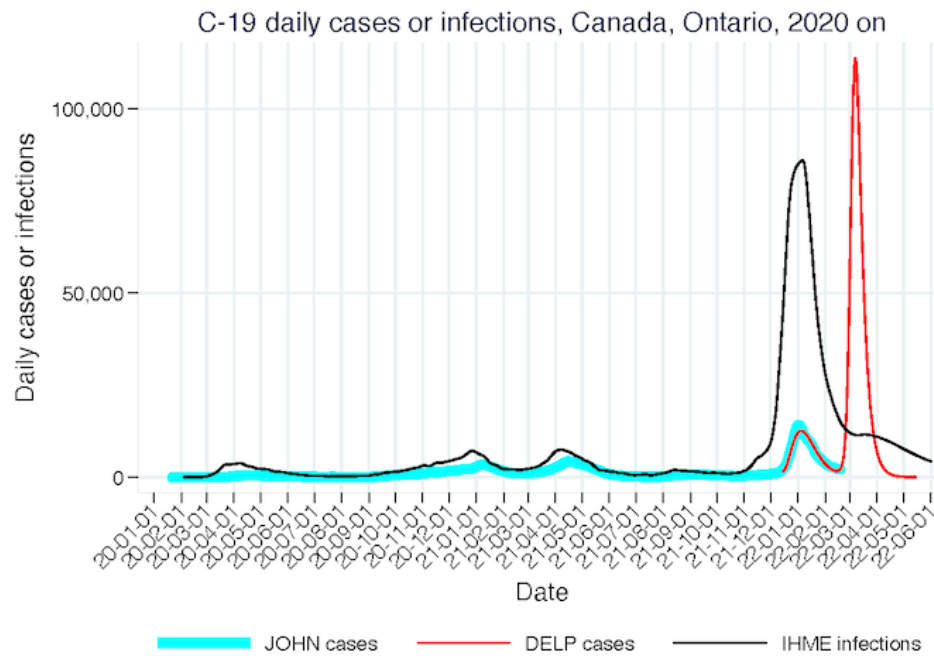


### (2) Ontario [Daily deaths, Reference scenario, 2021 on](#)

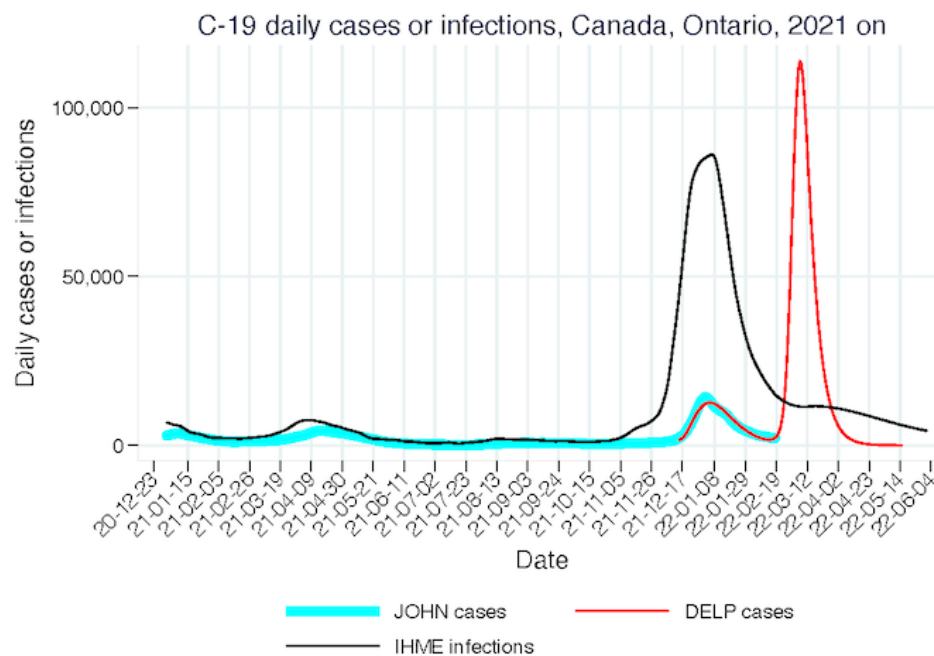




(3) Ontario [Daily cases or infections, Reference scenario, 2020 on](#)

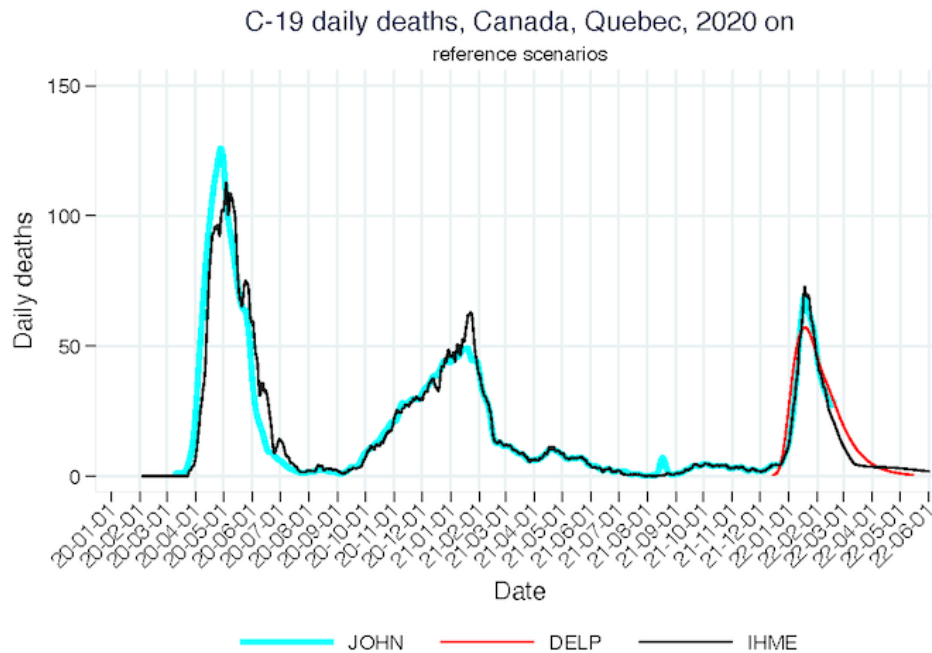


(4) Ontario [Daily cases or infections, Reference scenario, 2021 on](#)

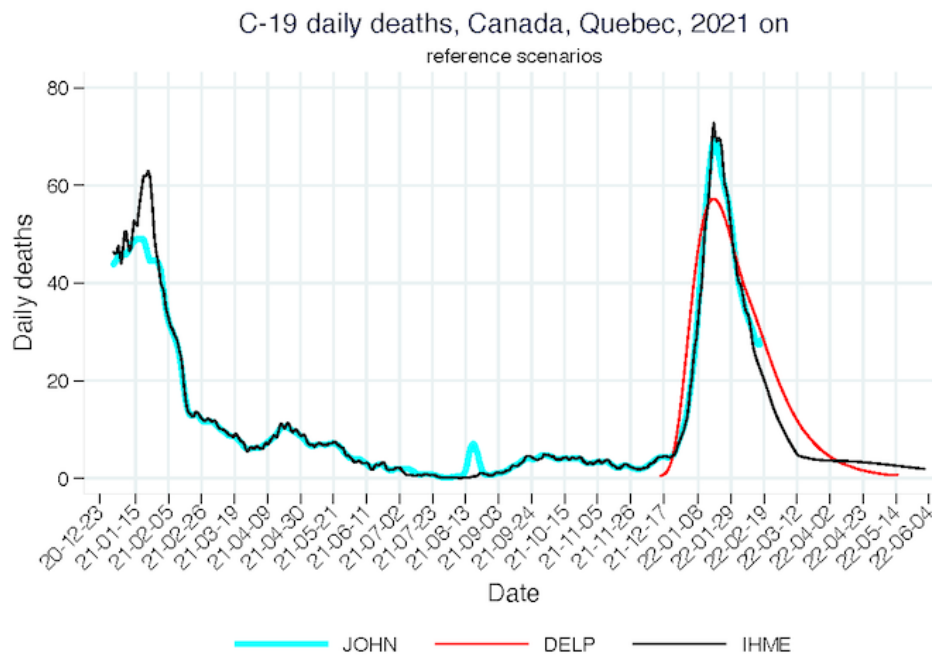


## Selected graphs - Quebec

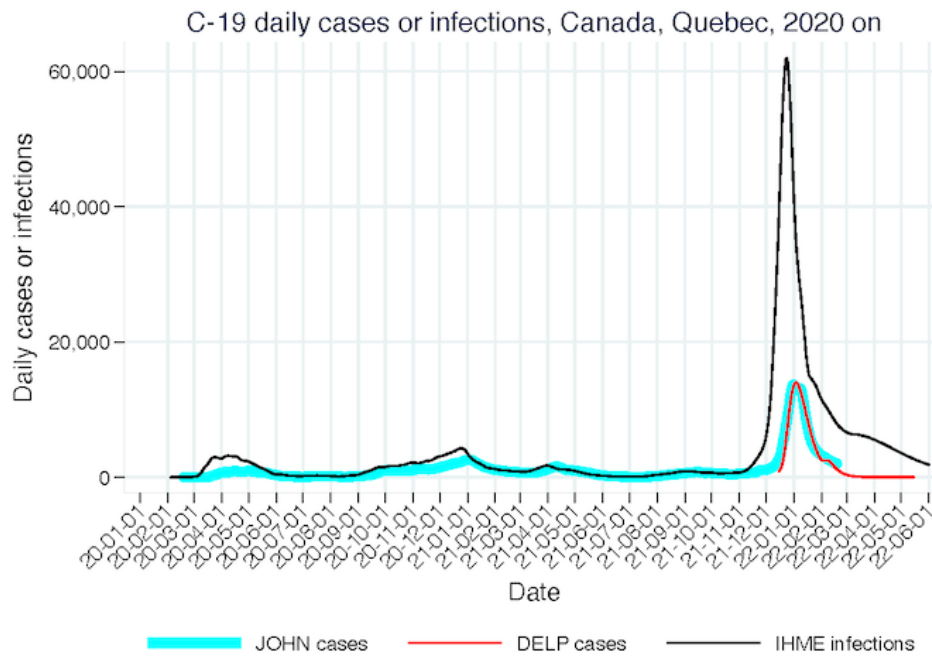
### (1) Quebec [Daily deaths, Reference scenario, 2020 on](#)



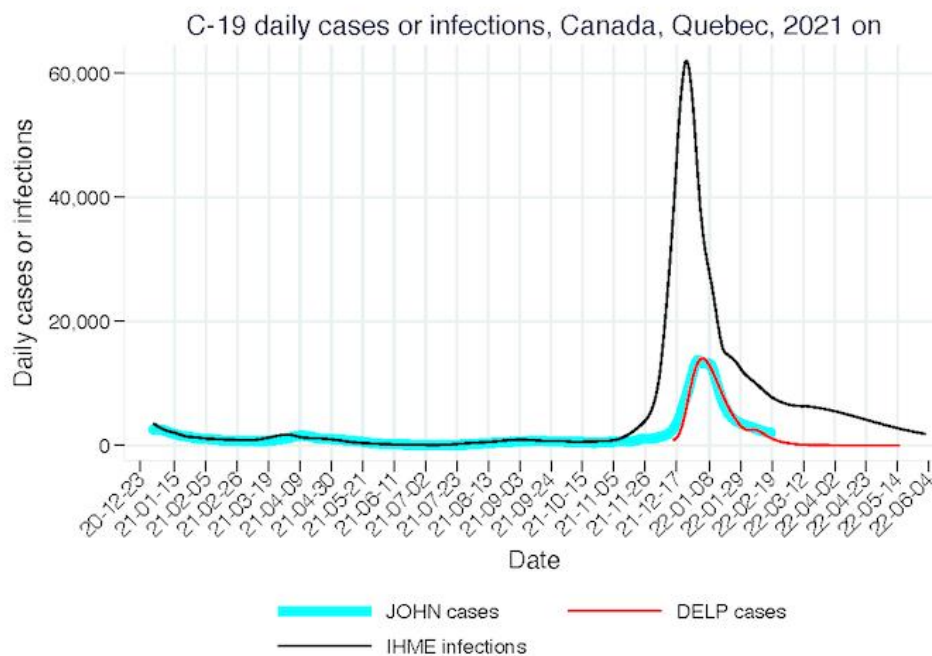
### (2) Quebec [Daily deaths, Reference scenario, 2021 on](#)



(3) Quebec [Daily cases or infections, Reference scenario, 2020 on](#)

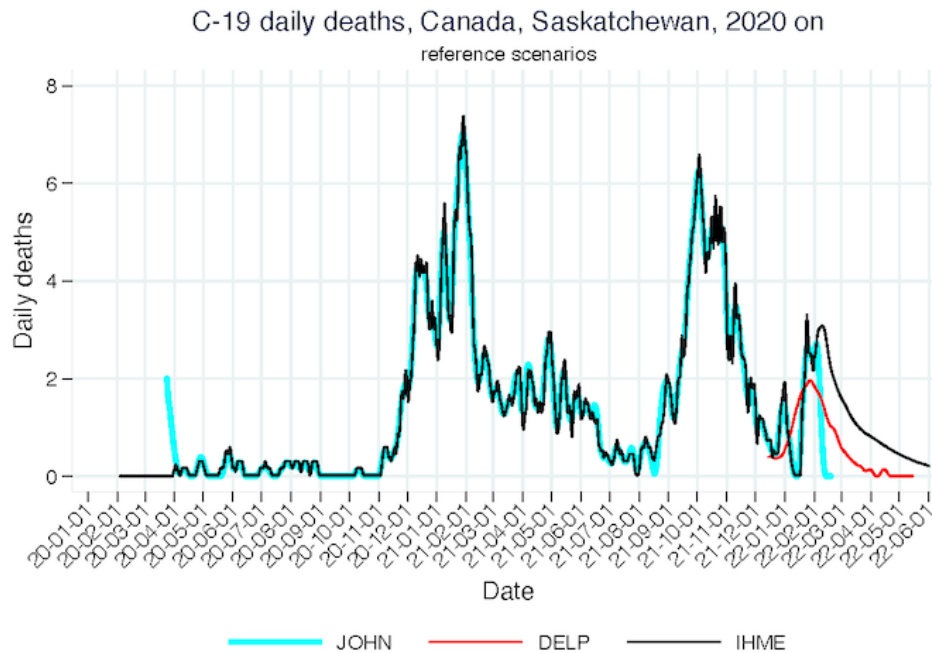


(4) Quebec [Daily cases or infections, Reference scenario, 2021 on](#)

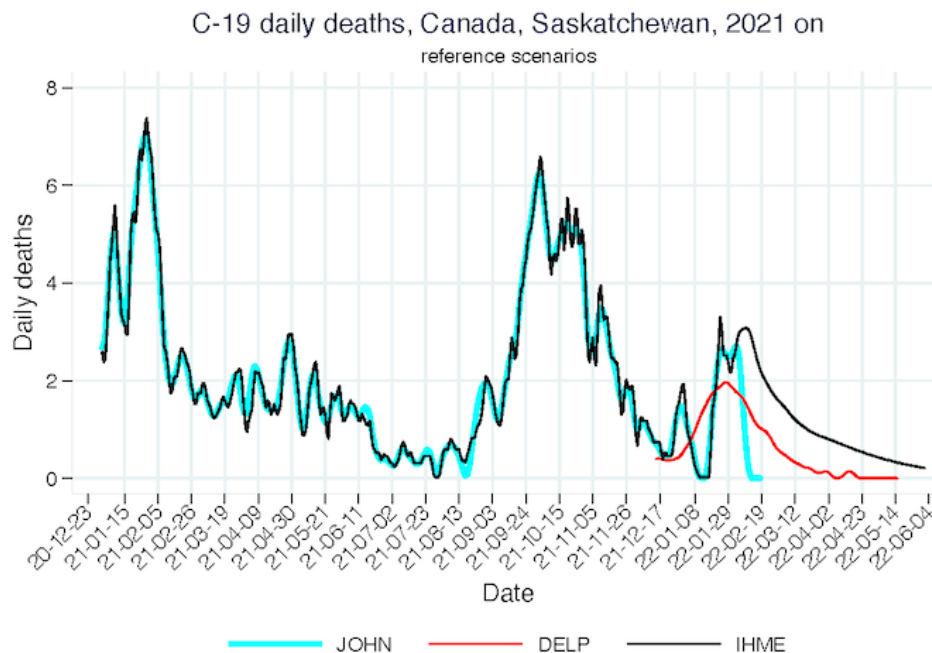


## Selected graphs - Saskatchewan

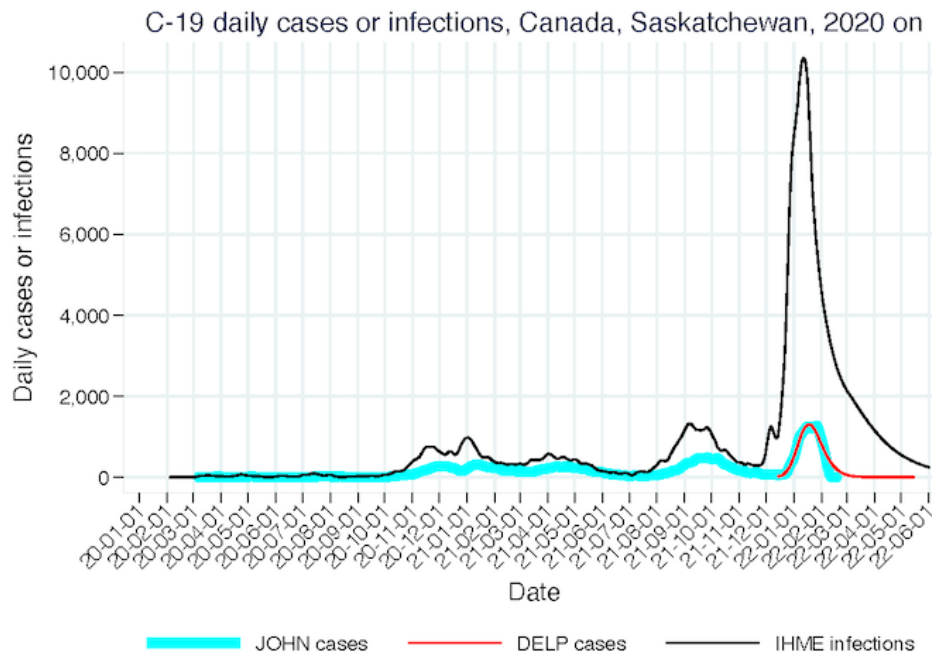
(1) Saskatchewan [Daily deaths, Reference scenario, 2020 on](#)



(2) Saskatchewan [Daily deaths, Reference scenario, 2021 on](#)



(3) Saskatchewan [Daily cases or infections, Reference scenario, 2020 on](#)



(4) Saskatchewan [Daily cases or infections, Reference scenario, 2021 on](#)

