

Canada COVID-19 epidemic models situation report No 58 - 2022-08-12

Farshad Pourmalek MD PhD

Former lecturer, University of British Columbia, Vancouver | [UBC SPPH](#) | [ORCID](#) | [PubMed](#)
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**

See <https://github.com/pourmalek/CovidVisualizedCountry>

Study update dates in uptake 20220812

DELP 20220721, IHME 20220719, **IMPE 20220808**, SRIV 20220728

Days old: DELP 23, IHME 25, IMPE 5, SRIV 16

As the IHME and IMPE models' estimates are released monthly and the DELP and SRIV models' estimates are released almost biweekly, the uptakes of the current repository are changed from weekly to biweekly.

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](#)

Journal article for this work:

Pourmalek F. CovidVisualized: Visualized compilation of international updated models' estimates of COVID-19 pandemic at global and country levels. *BMC Res Notes*. 2022 Apr 9;15(1):136. doi: 10.1186/s13104-022-06020-4. PMID: 35397567.

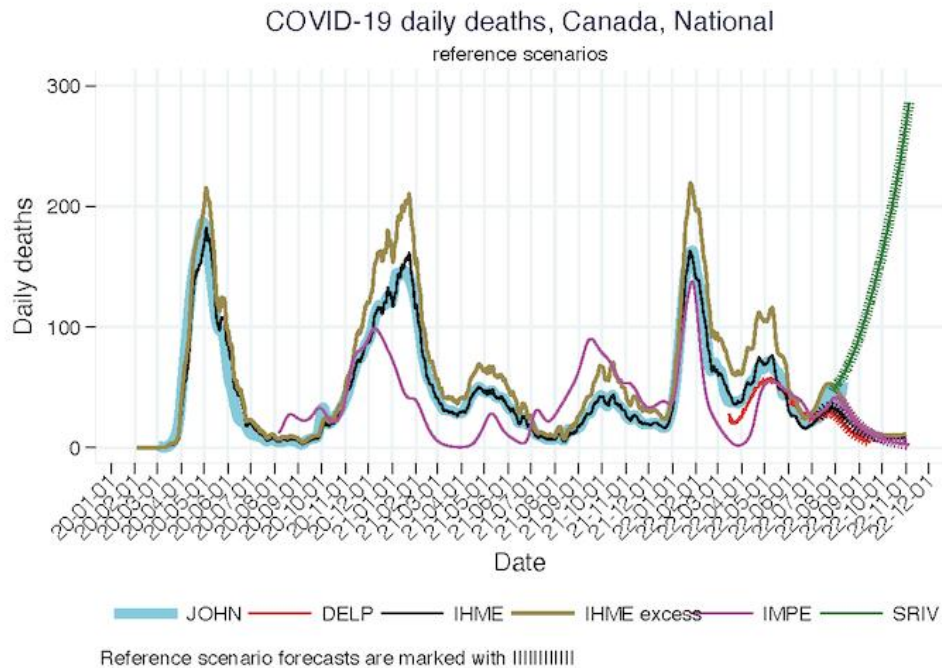
[Publisher](#) || [PubMed](#) || [PDF](#)

Table of Contents

Study update dates in uptake 20220812	1
Selected graphs - Canada, National.....	3
Selected graphs - Canada, Provinces together.....	8
Selected graphs - Alberta	14
Selected graphs - British Columbia.....	16
Selected graphs - Manitoba.....	18
Selected graphs - Nova Scotia	20
Selected graphs - Ontario	22
Selected graphs - Quebec.....	24
Selected graphs - Saskatchewan	26

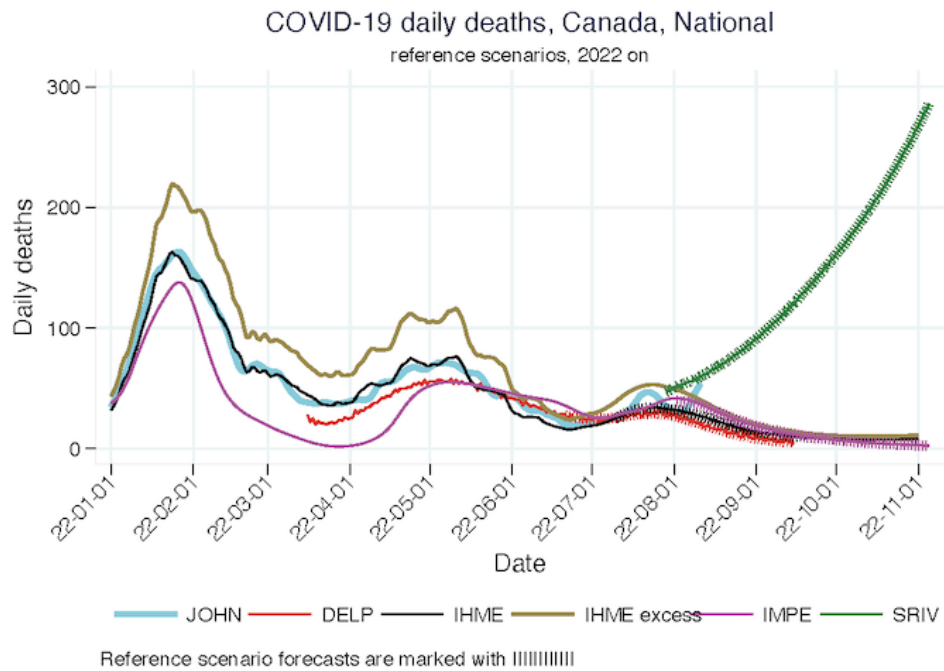
Selected graphs - Canada, National

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

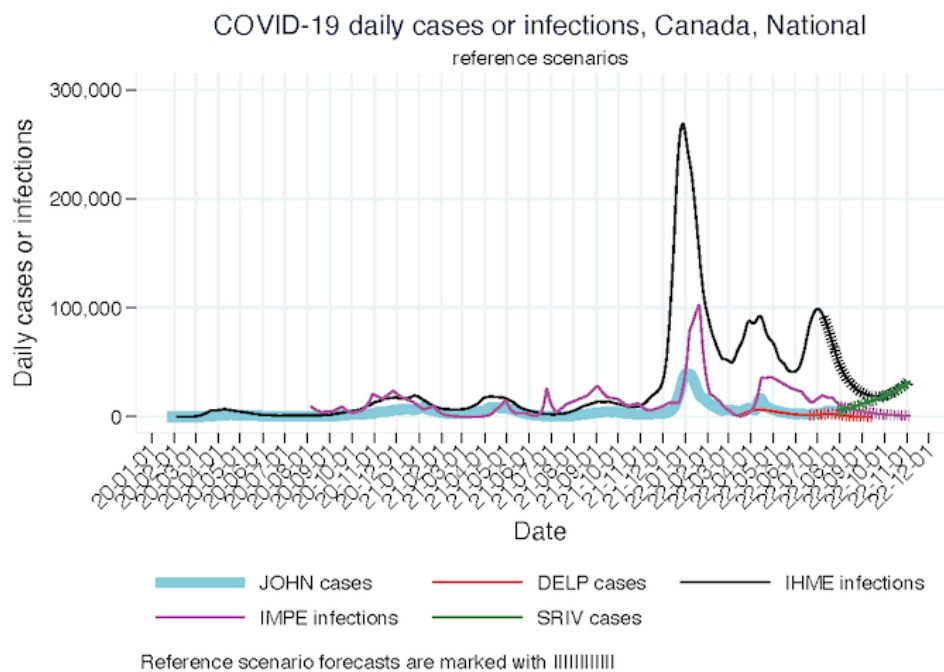


(2) Canada National [Daily deaths, All scenarios, 2021 on](#)

(2b) Canada National [Daily deaths, All scenarios, 2022 on](#)

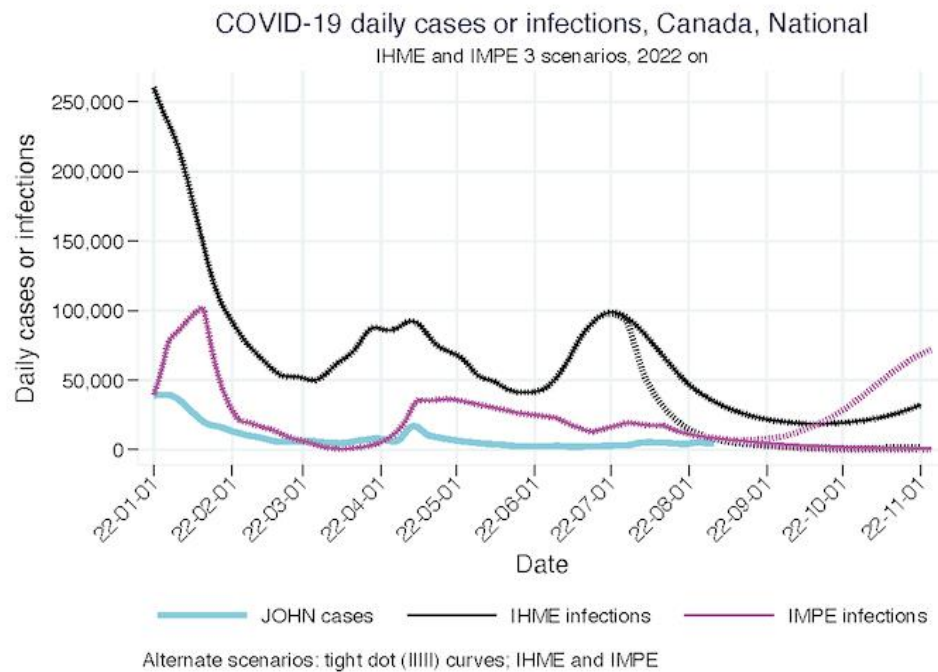


(3) Canada National [Daily cases or infections, Reference scenarios, 2020 on](#)

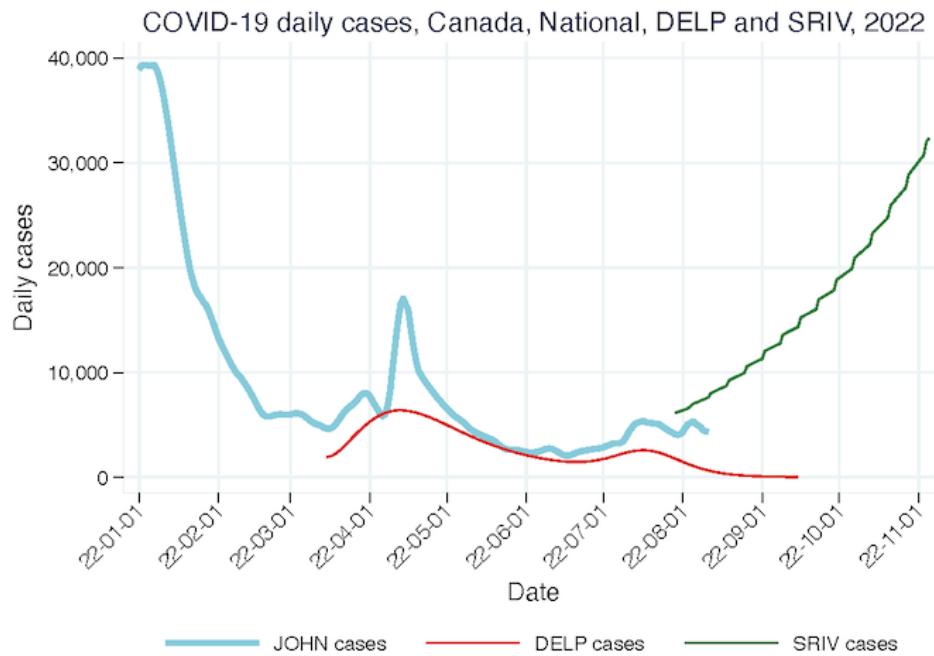


(4) Canada National [Daily cases or infections, All scenarios, 2021 on](#)

(4b) Canada National [Daily cases or infections, All scenarios, 2022 on](#)



(4b2) Canada National [Daily cases, All scenarios, DELP and SRIV, 2022 on](#)



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

(6) Canada National [Daily hospital-related outcomes, without IHME Bed need, Reference scenarios, 2021 on](#)

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

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

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

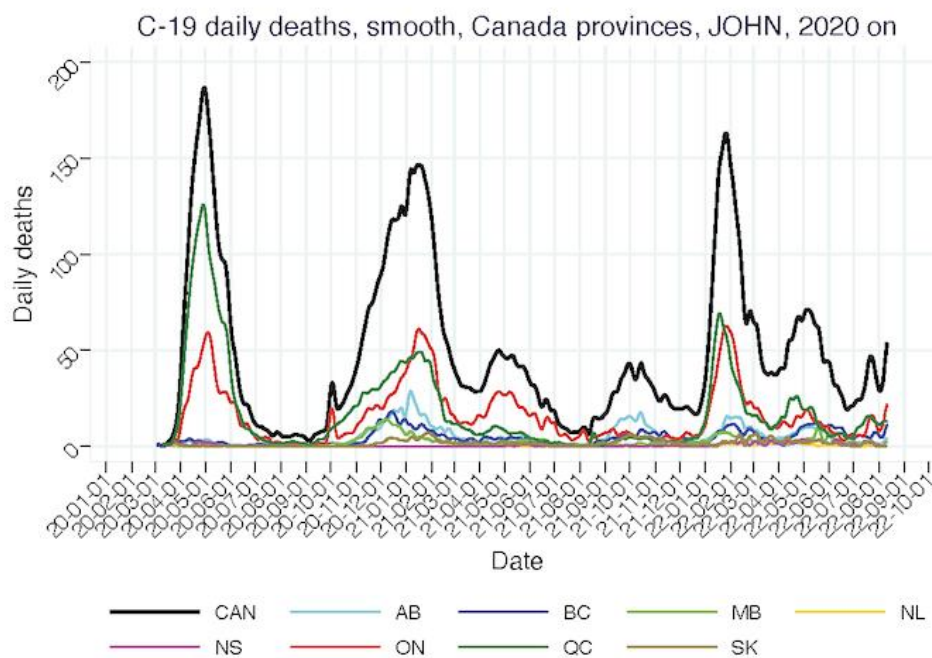
(10) Canada National [Percent cumulative vaccinated, IHME, 2020 on](#)

Selected graphs - Canada, Provinces together

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

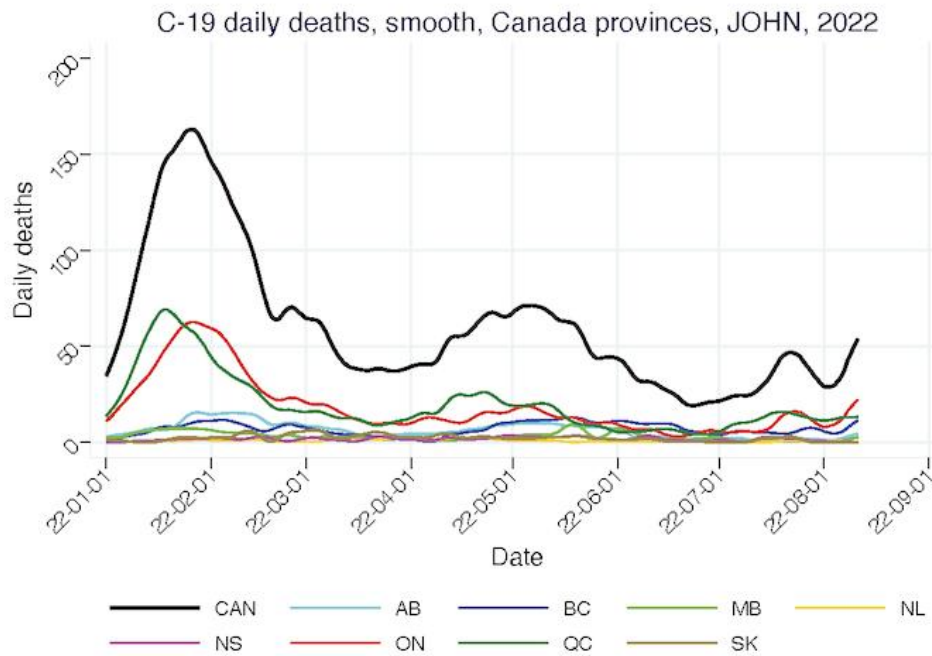
(a) Official reports to WHO, via JOHN

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

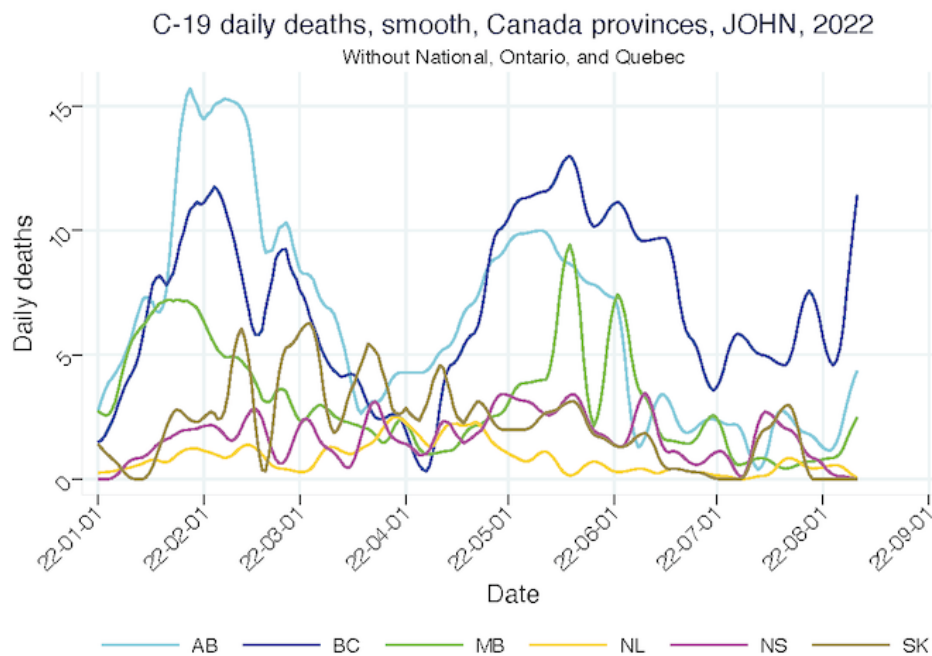


(2) Canada Provinces [Daily reported deaths, JOHN, 2021 on](#)

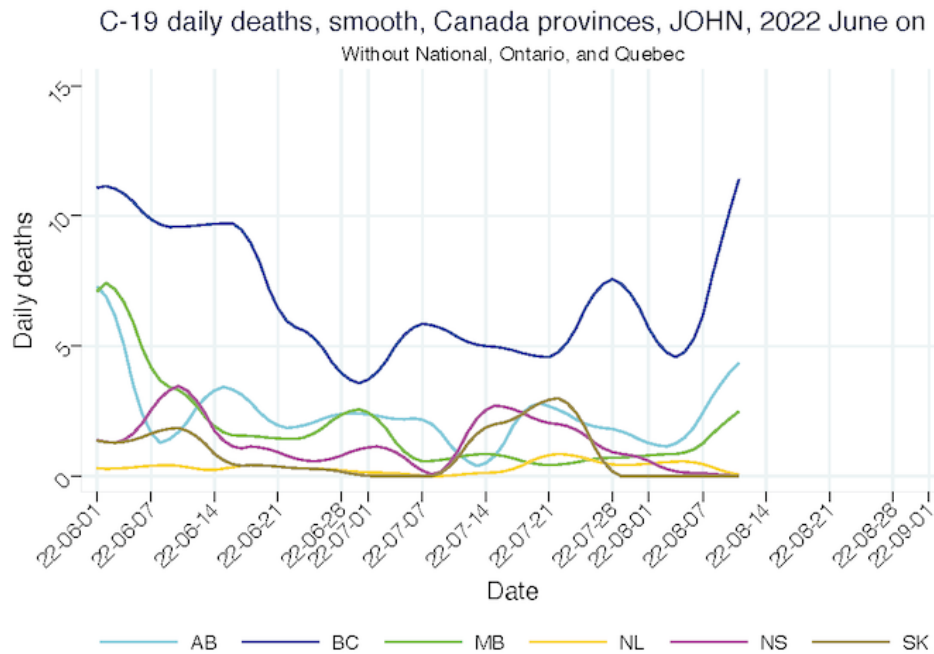
(3) Canada Provinces [Daily reported deaths, JOHN, 2022](#)



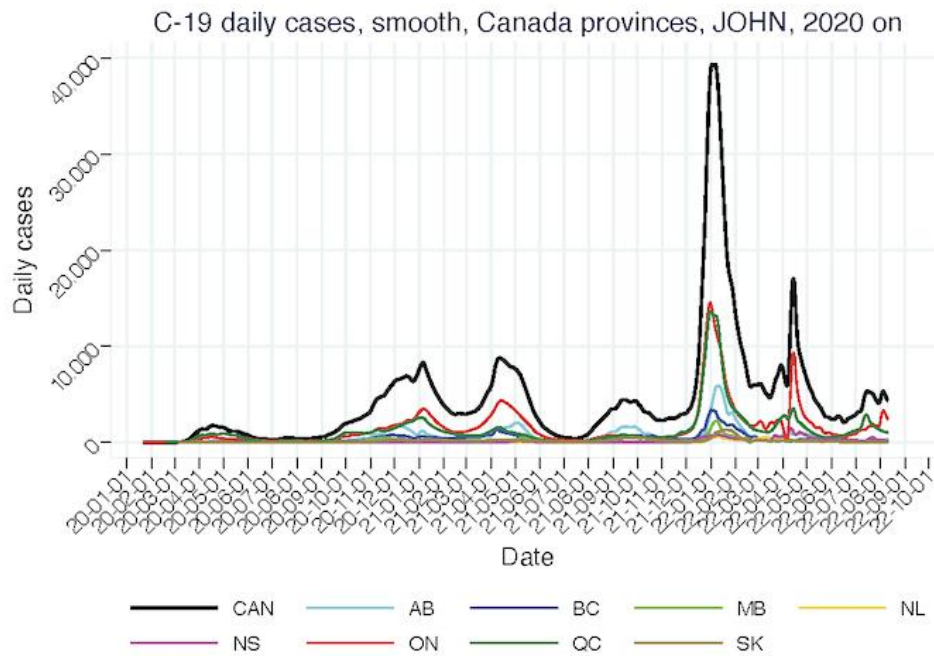
(4) Canada Provinces [Daily reported deaths, without National, Ontario, and Quebec, JOHN, 2022](#)



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

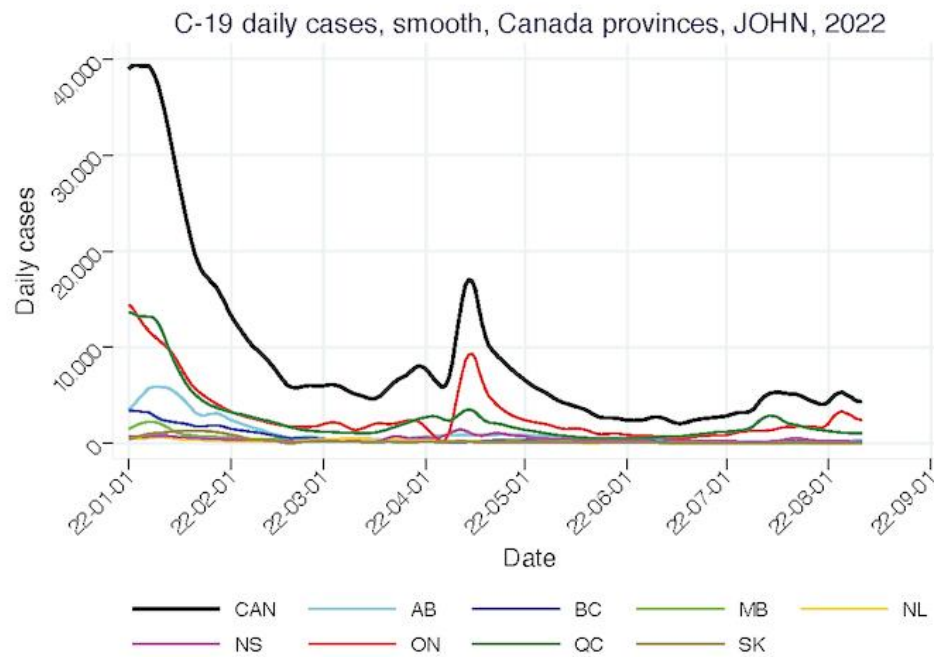


(5) Canada Provinces [Daily reported cases, JOHN, 2020 on](#)

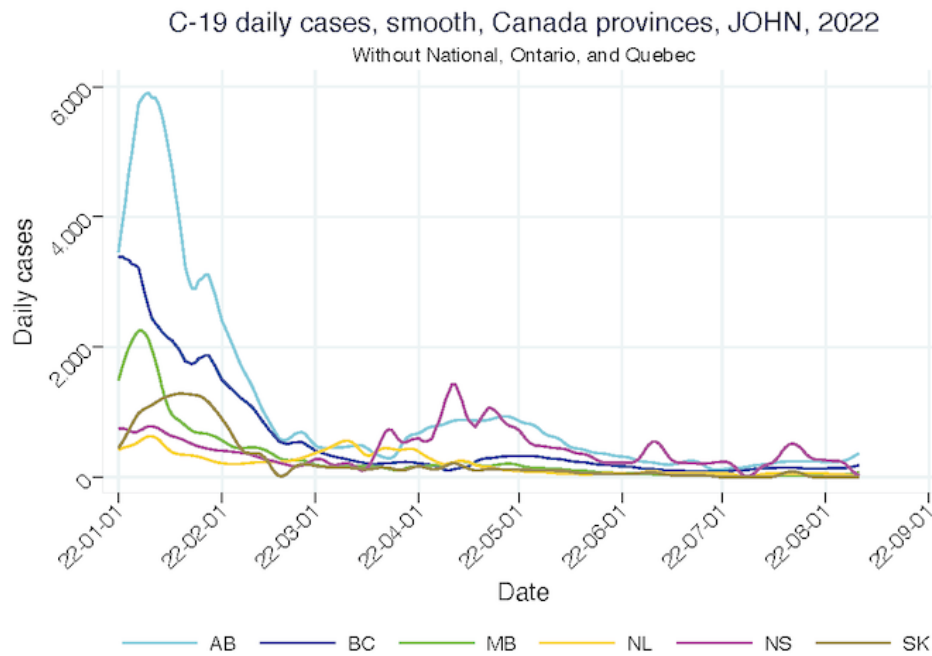


(6) Canada Provinces [Daily reported cases, JOHN, 2021 on](#)

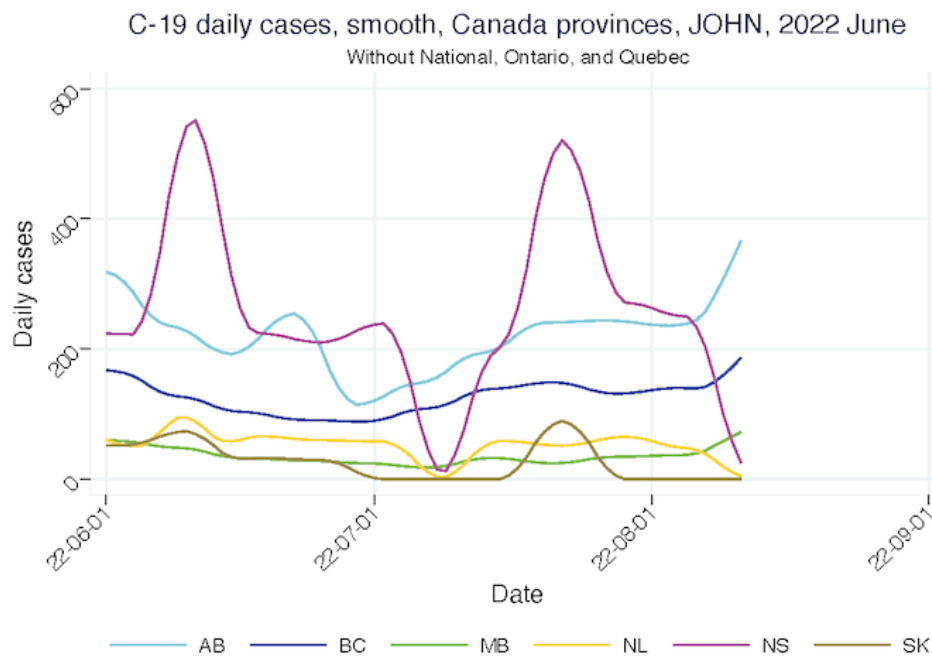
(7) Canada Provinces [Daily reported cases, JOHN, 2022](#)



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



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



(b) Models: IHME

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

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

(11) Canada Provinces [Daily deaths, Reference scenario, IHME, 2022](#)

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

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

(14) Canada Provinces [Daily infections, Reference scenario, IHME, 2022](#)

Selected graphs - Alberta

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

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

(2b) Alberta [Daily deaths, Reference scenario, 2022 on, with JOHN raw](#)

(2c) Alberta [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)
book

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

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

(4b) Alberta [Daily cases or infections, Reference scenario, 2022 on](#)
book

(4c) Alberta [Daily cases, Reference scenario, 2022 on, with JOHN raw](#)

(4d) Alberta [Daily cases, Reference scenario, 2022 on, without JOHN raw](#)

book

Selected graphs - British Columbia

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

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

(2b) British Columbia [Daily deaths, Reference scenario, 2022 on, with JOHN raw](#)

(2c) British Columbia [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)
book

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

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

(4b) British Columbia [Daily cases or infections, Reference scenario, 2022 on](#)
book

(4c) British Columbia [Daily cases, Reference scenario, 2022 on with JOHN raw](#)

(4d) British Columbia [Daily cases, Reference scenario, 2022 on, without JOHN raw](#)

book

Selected graphs - Manitoba

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

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

(2b) Manitoba [Daily deaths, Reference scenario, 2022 on, with JOHN raw](#)

(2c) Manitoba [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)
book

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

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

(4b) Manitoba [Daily cases or infections, Reference scenario, 2022 on](#)
book

(4c) Manitoba [Daily cases, Reference scenario, 2022 on, with JOHN raw](#)

(4d) Manitoba [Daily cases, Reference scenario, 2022 on, without JOHN raw](#)

book

Selected graphs - Nova Scotia

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

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

(2b) Nova Scotia [Daily deaths, Reference scenario, 2022 on, with JOHN raw](#)

(2c) Nova Scotia [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)
book

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

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

(4b) Nova Scotia [Daily cases or infections, Reference scenario, 2022 on](#)
book

(4c) Nova Scotia [Daily cases, Reference scenario, 2022 on, with JOHN raw](#)

(4d) Nova Scotia [Daily cases, Reference scenario, 2022 on, without JOHN raw](#)

book

Selected graphs - Ontario

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

book

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

(2b) Ontario [Daily deaths, Reference scenario, 2022 on, with JOHN raw](#)

(2c) Ontario [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)

book

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

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

(4b) Ontario [Daily cases or infections, Reference scenario, 2022 on](#)

book

(4c) Ontario [Daily cases, Reference scenario, 2022 on, with JOHN raw](#)

(4d) Ontario [Daily cases, Reference scenario, 2022 on, without JOHN raw](#)

book

Selected graphs - Quebec

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

book

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

(2b) Quebec [Daily deaths, Reference scenario, 2022 on, with JOHN raw](#)

(2c) Quebec [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)

book

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

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

(4b) Quebec [Daily cases or infections, Reference scenario, 2022 on](#)

book

(4c) Quebec [Daily cases, Reference scenario, 2022 on, with JOHN raw](#)

(4d) Quebec [Daily cases, Reference scenario, 2022 on, without JOHN raw](#)

book

Selected graphs - Saskatchewan

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

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

(2b) Saskatchewan [Daily deaths, Reference scenario, 2022 on, with JOHN raw](#)

(2c) Saskatchewan [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)
book

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

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

(4b) Saskatchewan [Daily cases or infections, Reference scenario, 2022 on](#)
book

(4c) Saskatchewan [Daily cases, Reference scenario, 2022 on, with JOHN raw](#)

(4d) Saskatchewan [Daily cases, Reference scenario, 2022 on, without JOHN raw](#)

book
