

Canada COVID-19 epidemic models situation report No 50 - 2022-06-03

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**

Based on uptake 20220527 in <https://github.com/pourmalek/CovidVisualizedCountry>

Study update dates in uptake 20220603

DELP 20220529, IHME 20220506, No IMPE, **SRIV 20220603**

Days old: DELP 5, IHME 29, no IMPE, SRIV 0

IMPE update 20220315 was released on 20220505 and is > 60 days old on 20220603. Not included.

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.

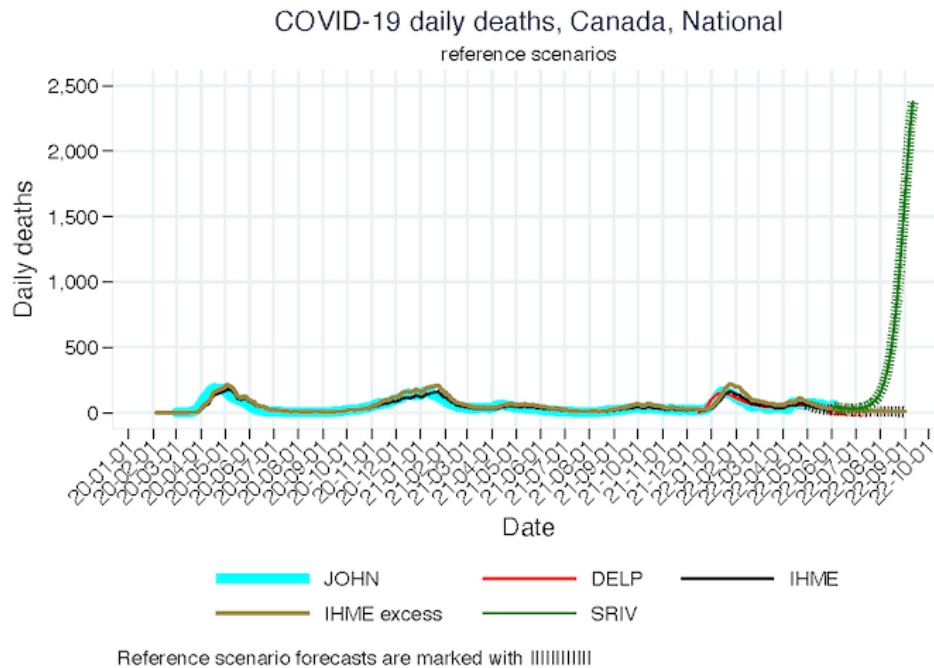
[Publisher](#) || [PubMed](#) || [PDF](#)

Table of Contents

Study update dates in uptake 20220603	1
Selected graphs - Canada, National.....	3
Selected graphs - Canada, Provinces together.....	6
Selected graphs - Alberta	12
Selected graphs - British Columbia.....	14
Selected graphs - Manitoba.....	16
Selected graphs - Nova Scotia	18
Selected graphs - Ontario	20
Selected graphs - Quebec.....	22
Selected graphs - Saskatchewan	24

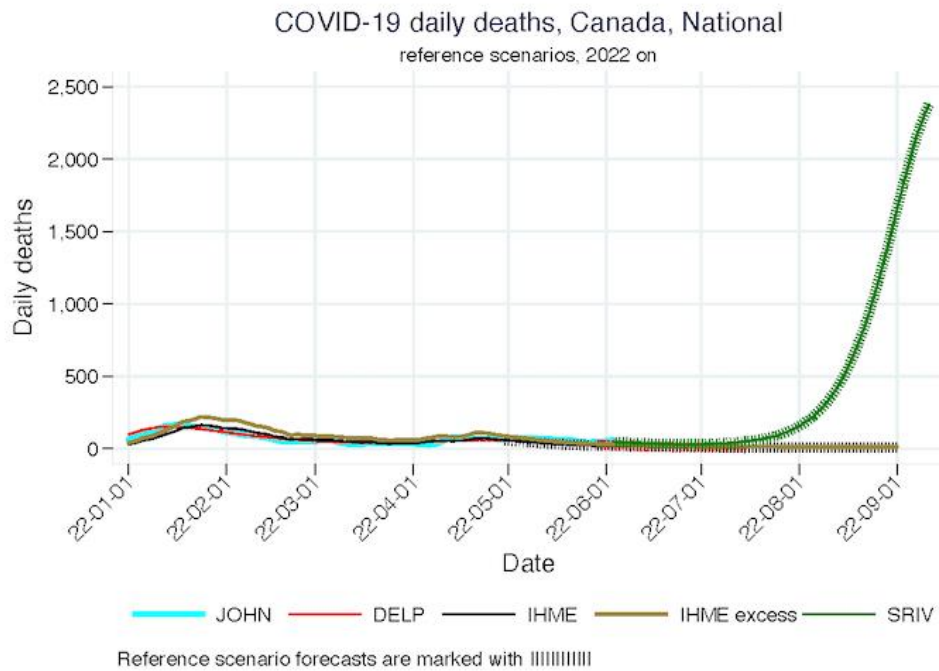
Selected graphs - Canada, National

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

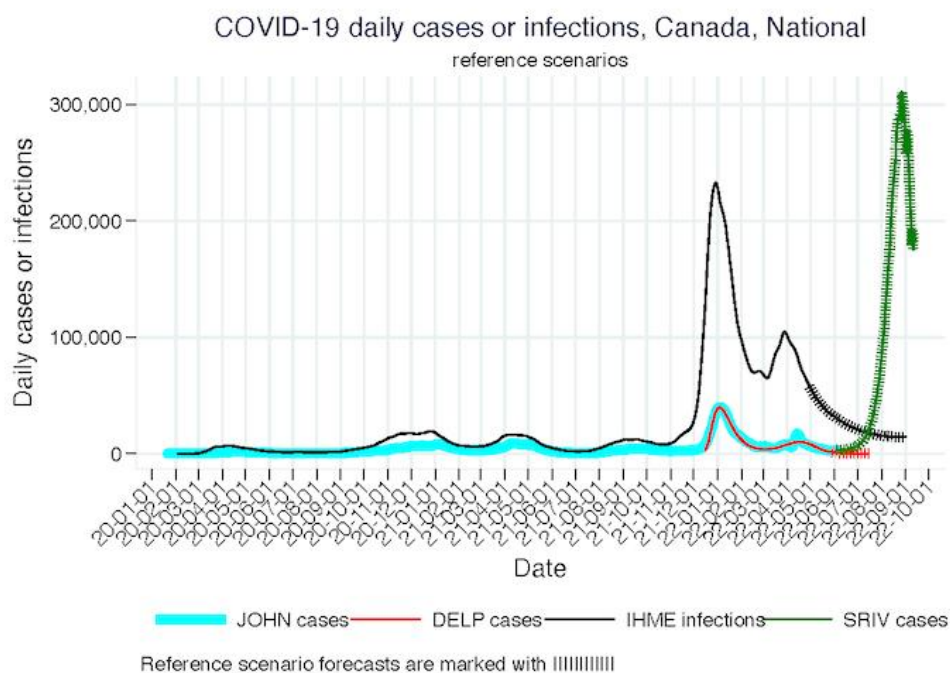


(2) Canada National [Daily deaths, All scenarios, 2021 on](#)

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

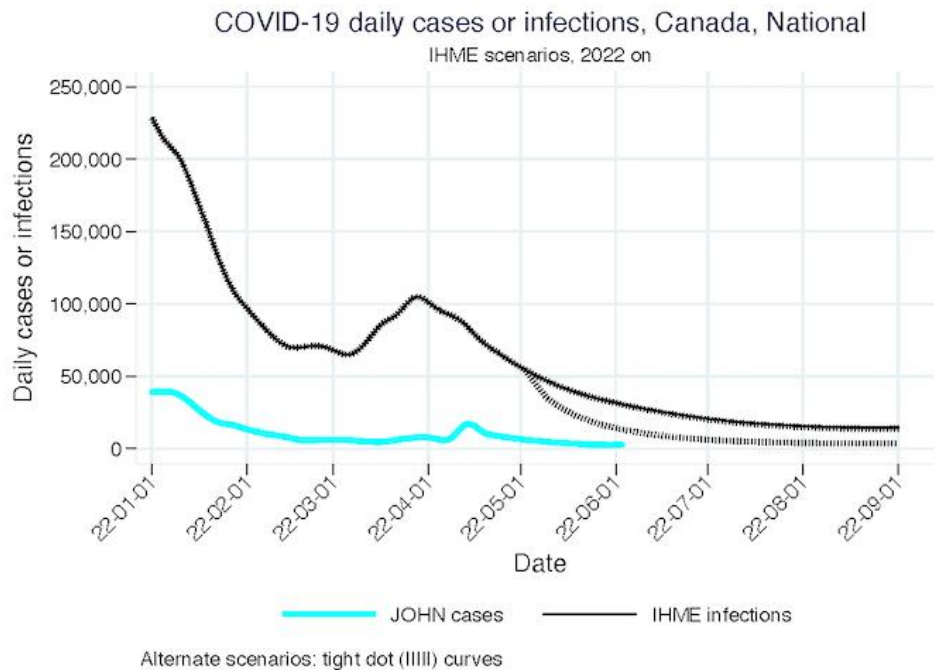


(3) Canada National [Daily cases or infections, Reference scenarios, 2020 on](#)



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

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



(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](#)

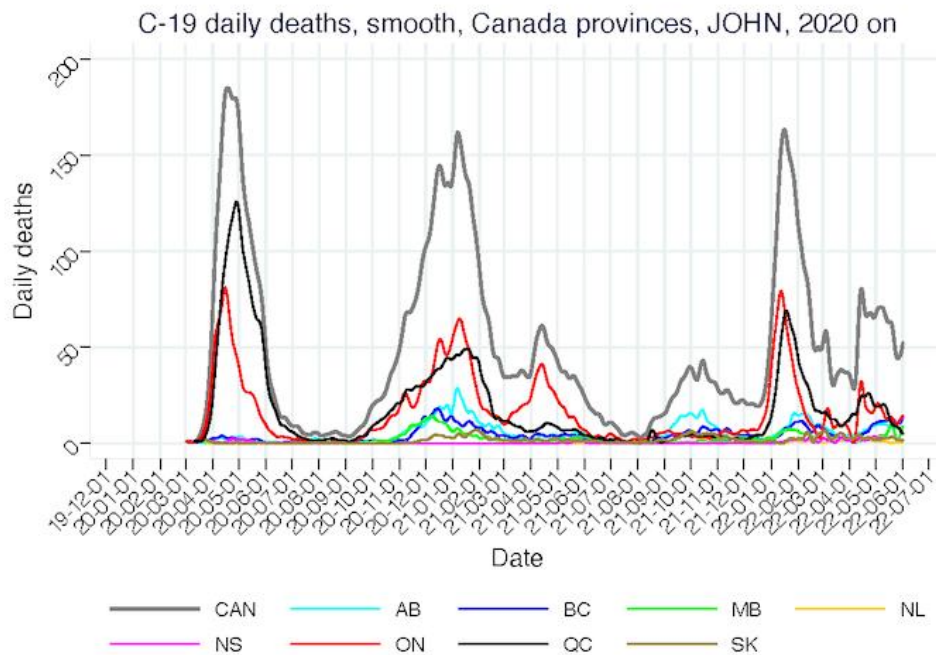
(10) Canada National [Percent cumulative vaccinated, IHME, 2020 on](#)

Selected graphs - Canada, Provinces together

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

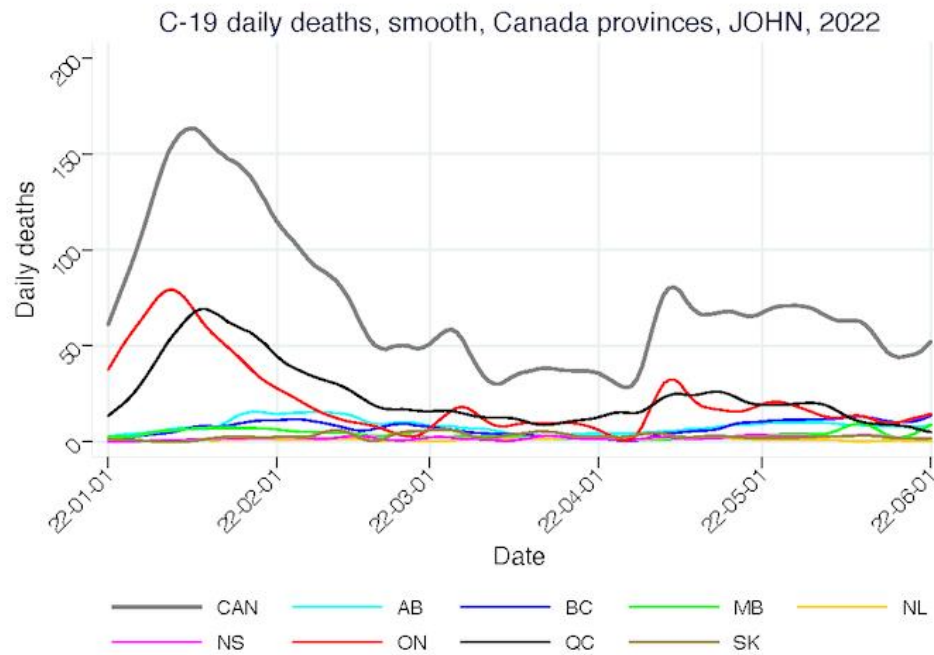
(a) Official reports to WHO, via JOHN

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

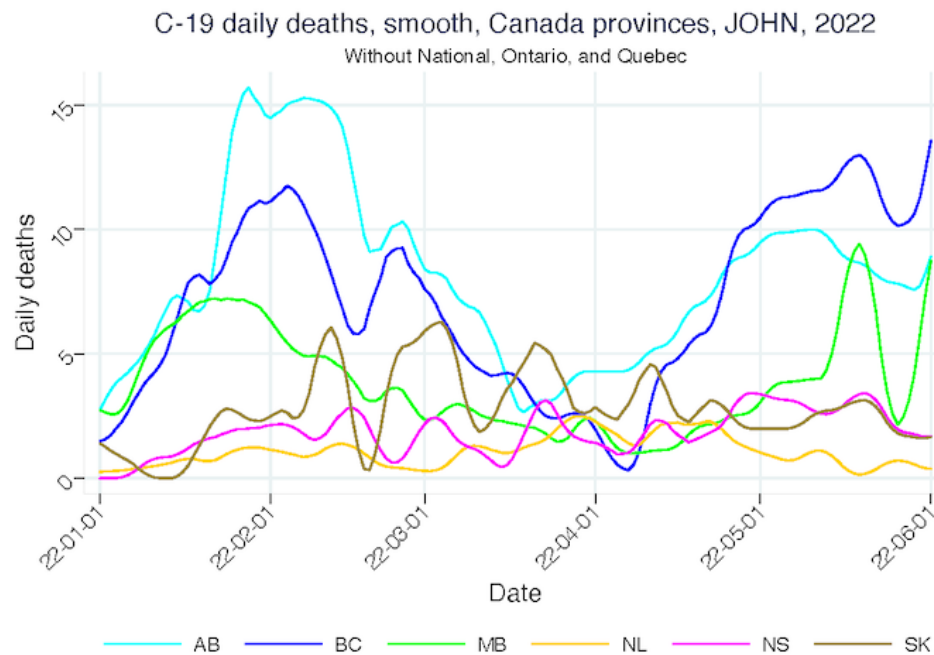


(2) Canada Provinces [Daily reported deaths, JOHN, 2021 on](#)

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



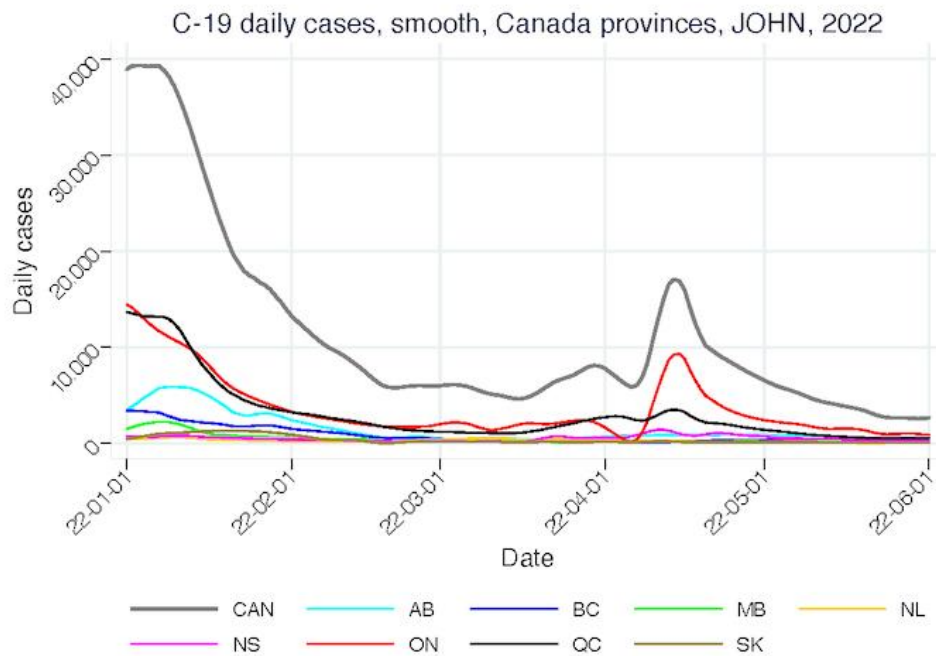
(4) Canada Provinces [Daily reported deaths, without National, Ontario, and Quebec, JOHN, 2022](#)



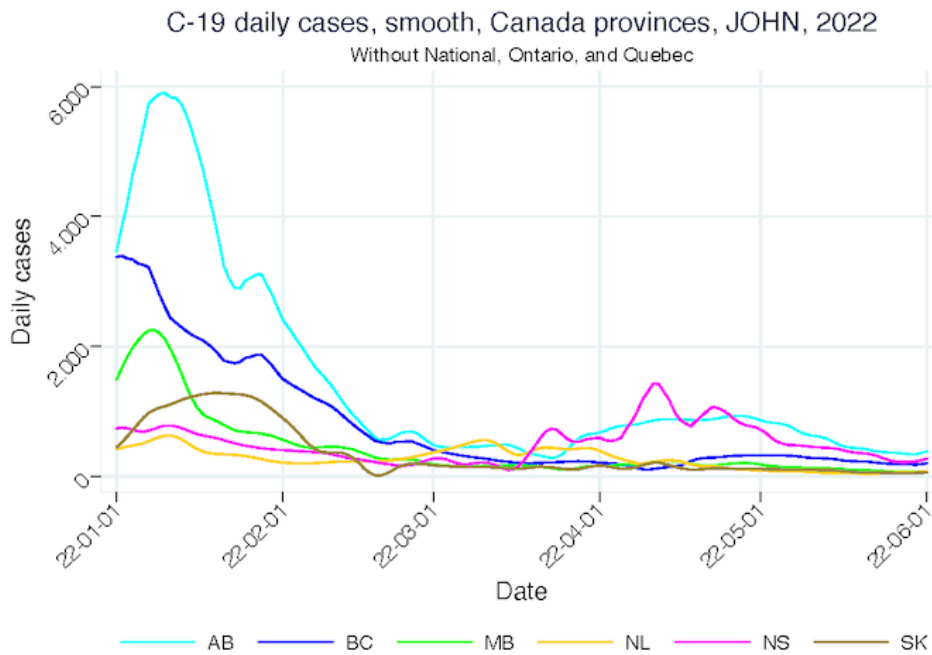
(5) Canada Provinces [Daily reported cases, JOHN, 2020 on](#)

(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, 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](#)

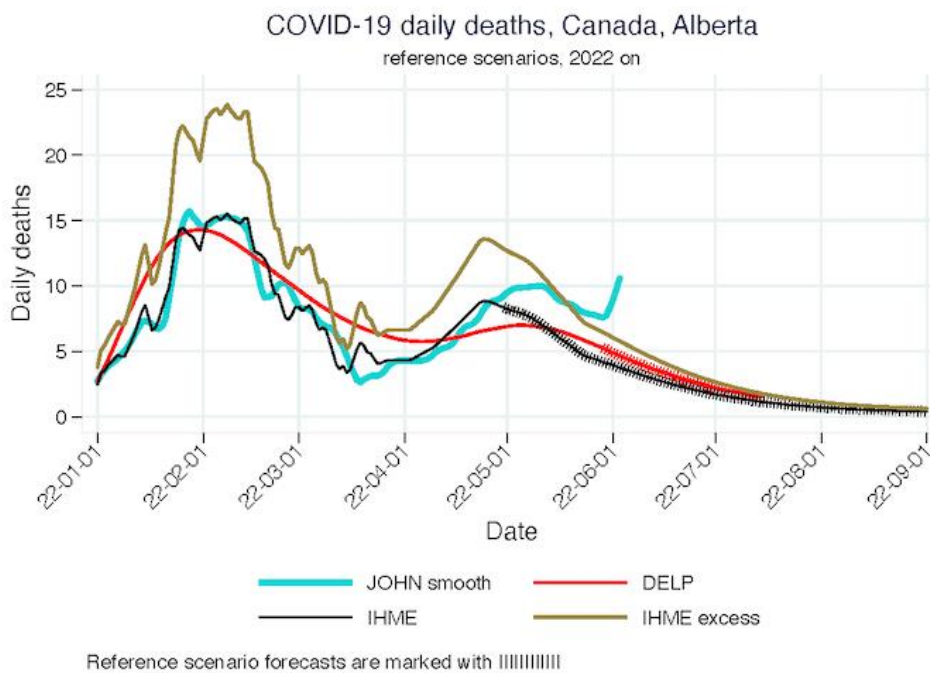
Selected graphs - Alberta

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

(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](#)



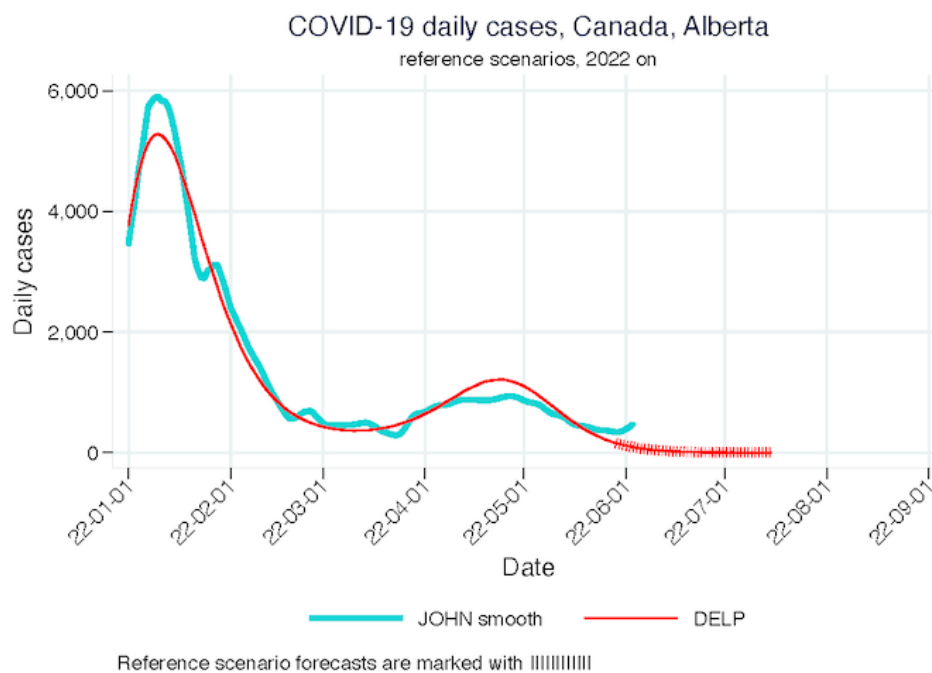
(3) Alberta [Daily cases or infections, Reference scenario, 2020 on](#)

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

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

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

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



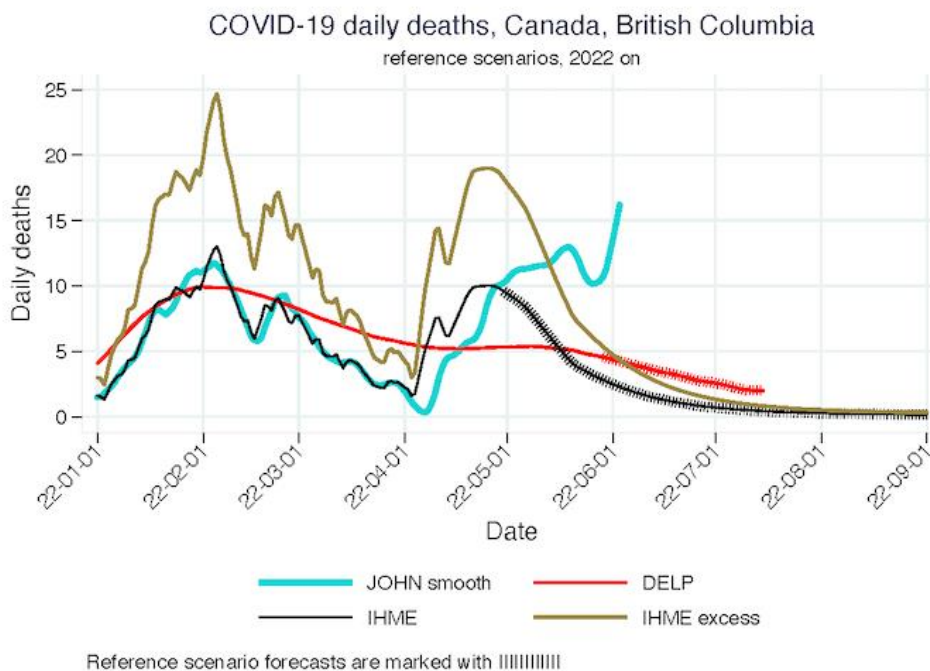
Selected graphs - British Columbia

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

(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](#)



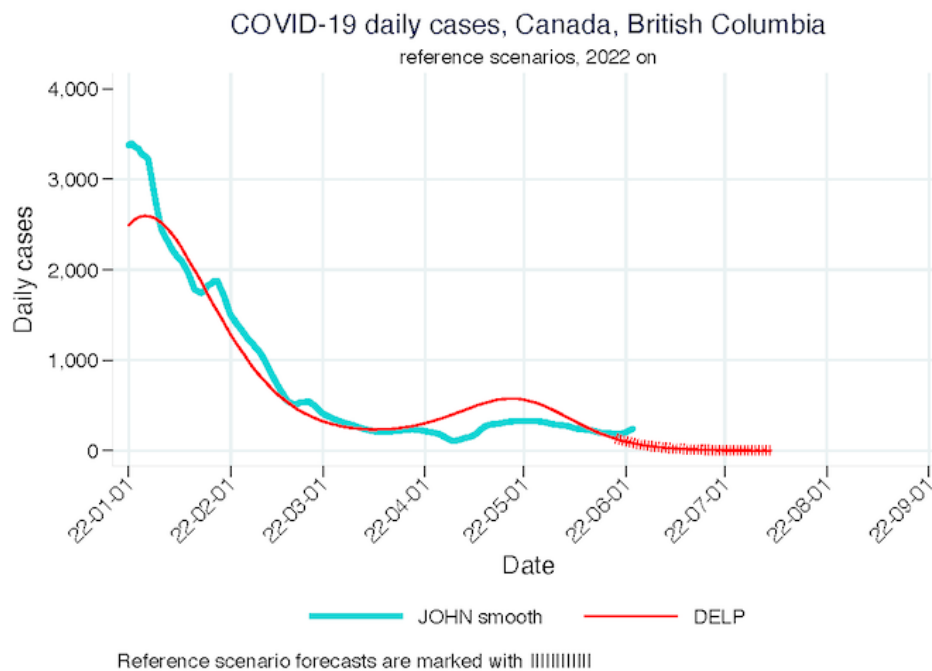
(3) British Columbia [Daily cases or infections, Reference scenario, 2020 on](#)

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

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

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

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



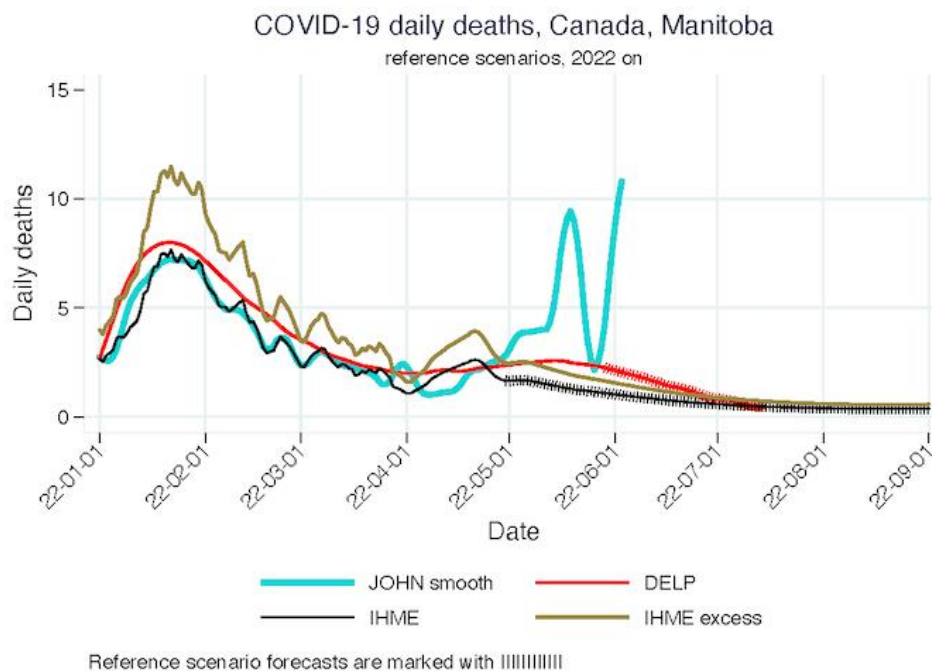
Selected graphs - Manitoba

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

(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](#)



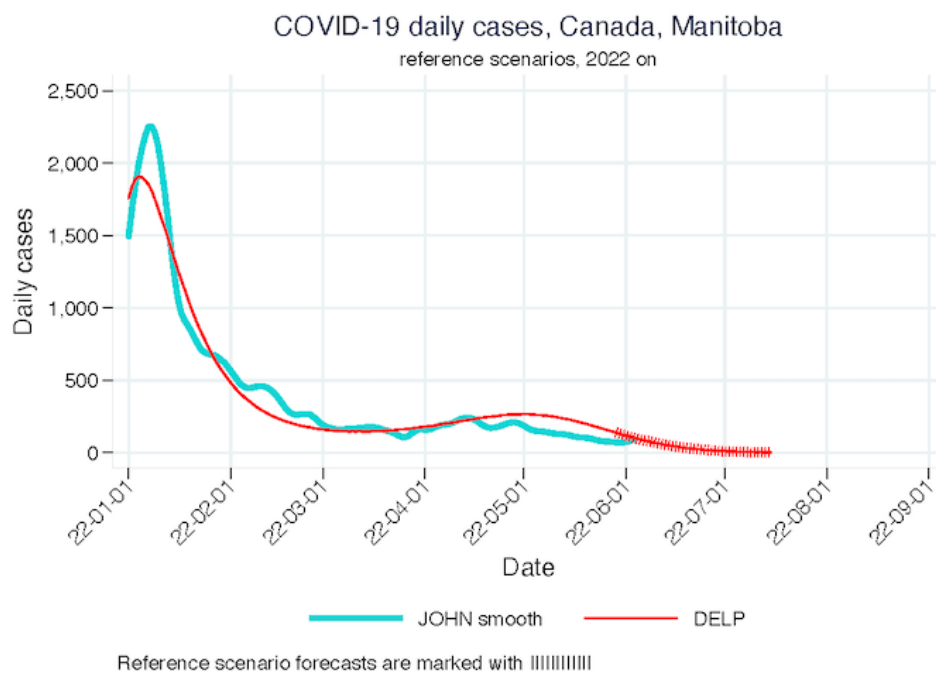
(3) Manitoba [Daily cases or infections, Reference scenario, 2020 on](#)

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

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

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

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



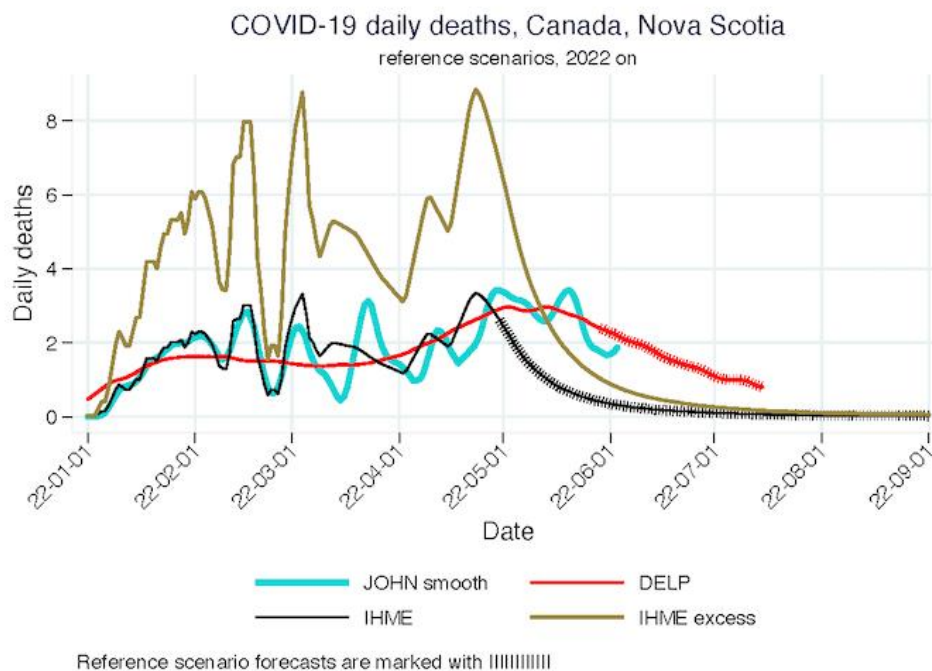
Selected graphs - Nova Scotia

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

(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](#)



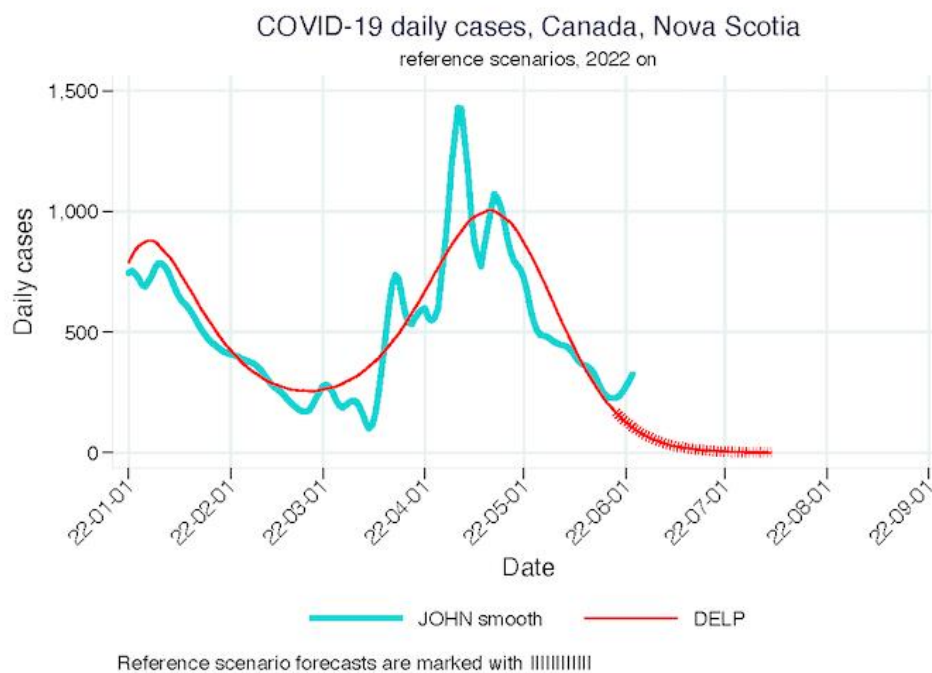
(3) Nova Scotia [Daily cases or infections, Reference scenario, 2020 on](#)

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

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

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

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



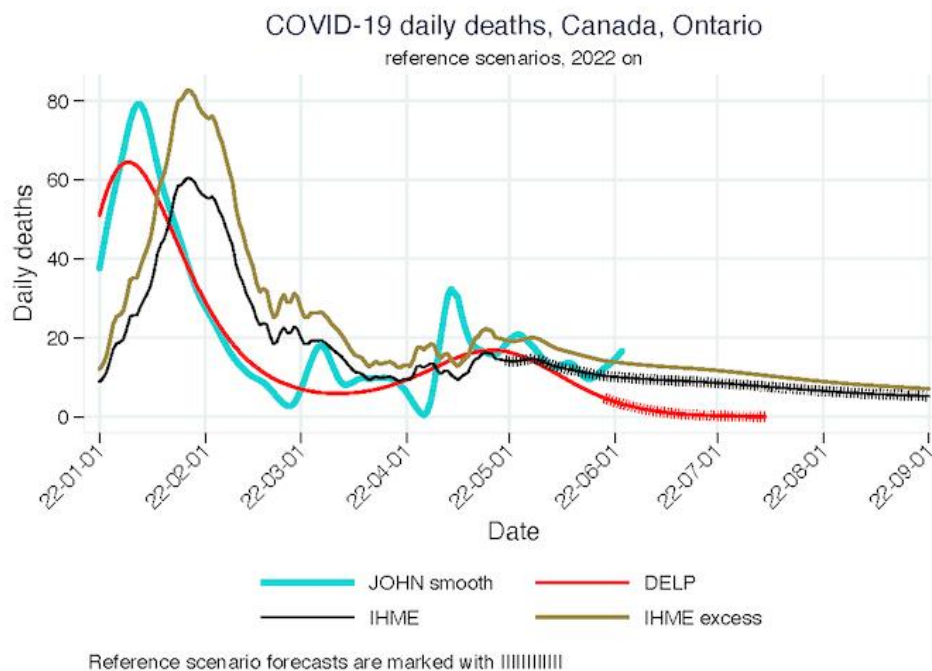
Selected graphs - Ontario

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

(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](#)



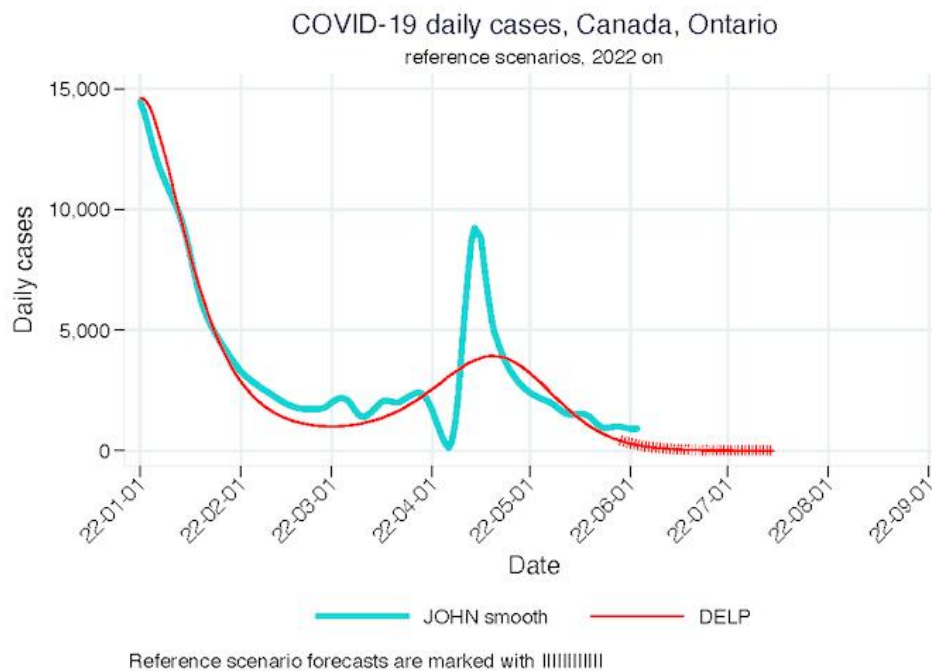
(3) Ontario [Daily cases or infections, Reference scenario, 2020 on](#)

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

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

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

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



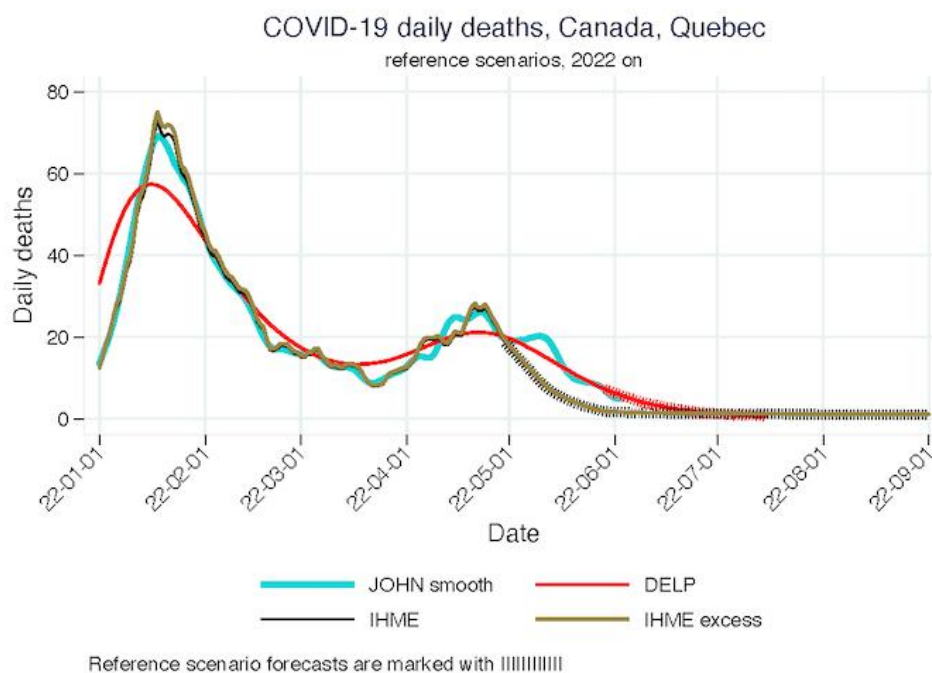
Selected graphs - Quebec

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

(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](#)



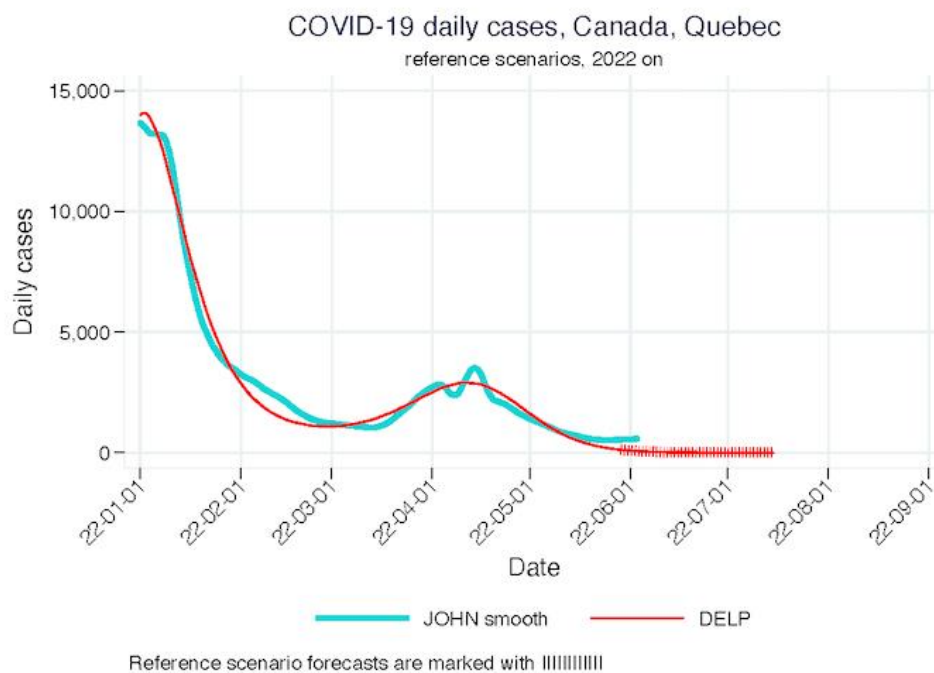
(3) Quebec [Daily cases or infections, Reference scenario, 2020 on](#)

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

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

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

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



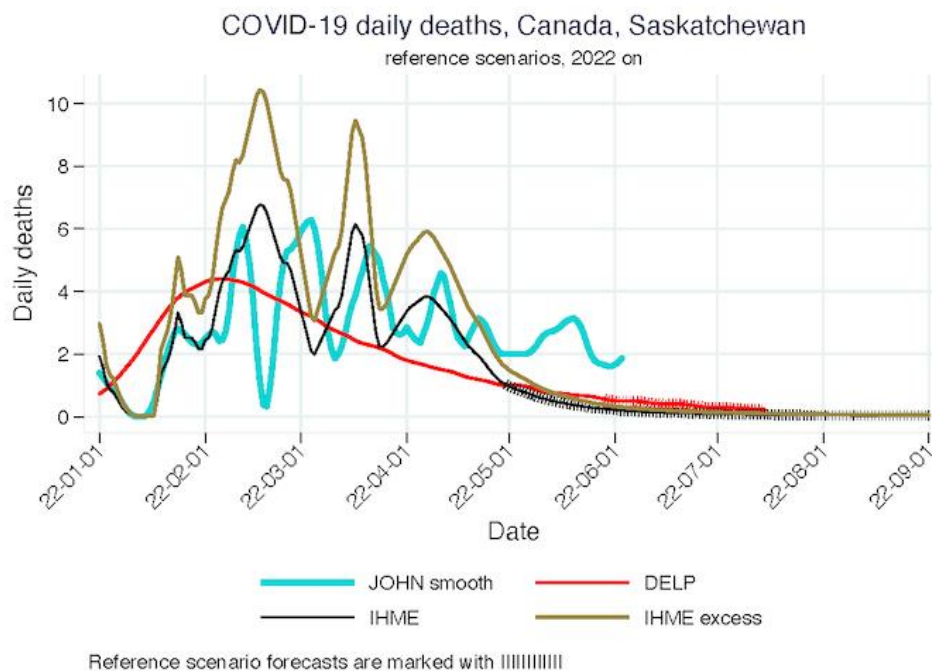
Selected graphs - Saskatchewan

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

(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](#)



(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](#)

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

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

