

Canada COVID-19 epidemic models situation report No 51 - 2022-06-10

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**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 20220610

DELP 20220529, **IHME 20220610**, No IMPE, **SRIV 20220610**

Days old: DELP 13, IHME 0, no IMPE, SRIV 0

IMPE update 20220315 was released on 20220505 and is > 120 days old on 20220610. Not included.

A new IHME scenario, “Global antivirals”, has replaced the old scenario “Vaccine 3rd dose”. “Global antivirals” = Globally distributed antivirals extends coverage to all LMICs over the period of July 15, 2022, to September 15, 2022.

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.

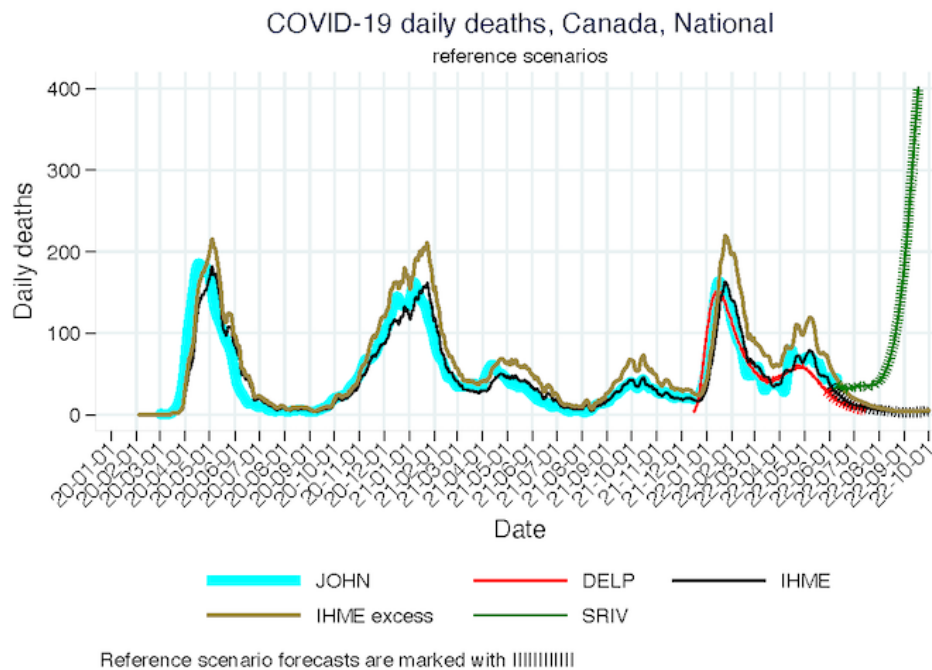
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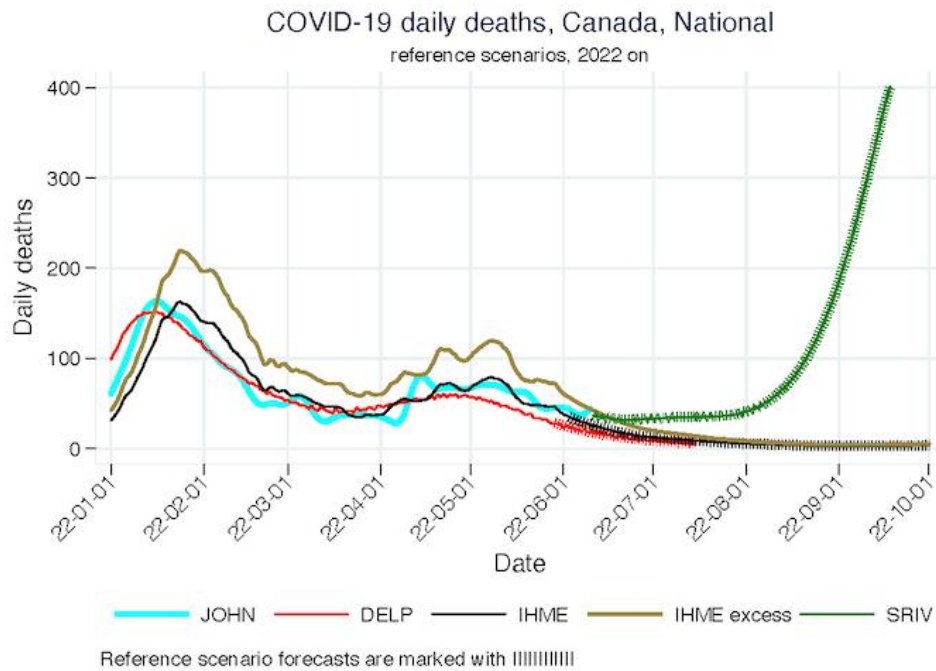
Selected graphs - Canada, National

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

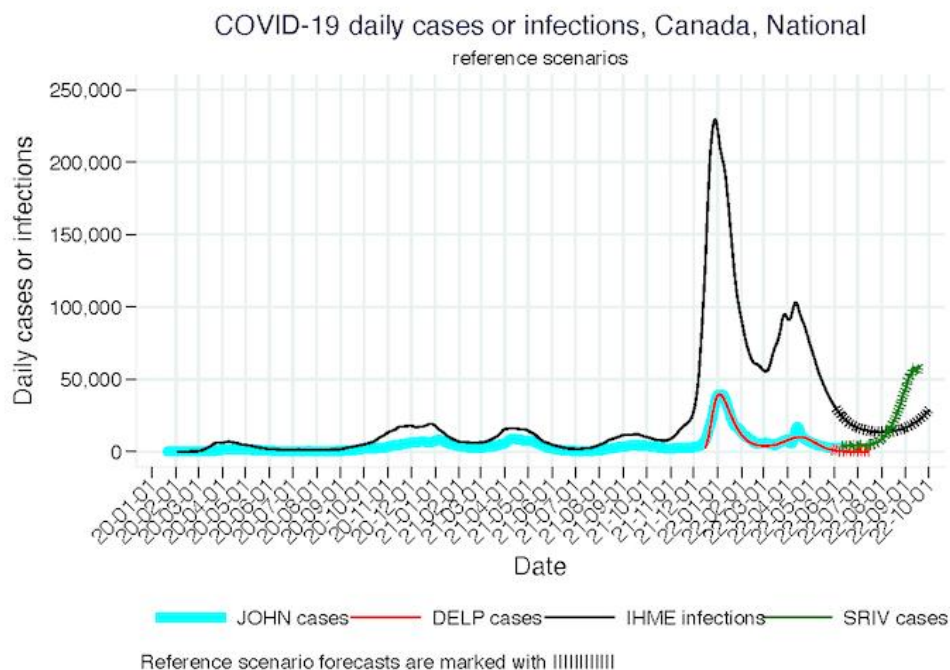


(2) Canada National [Daily deaths, All scenarios, 2021 on](#)

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

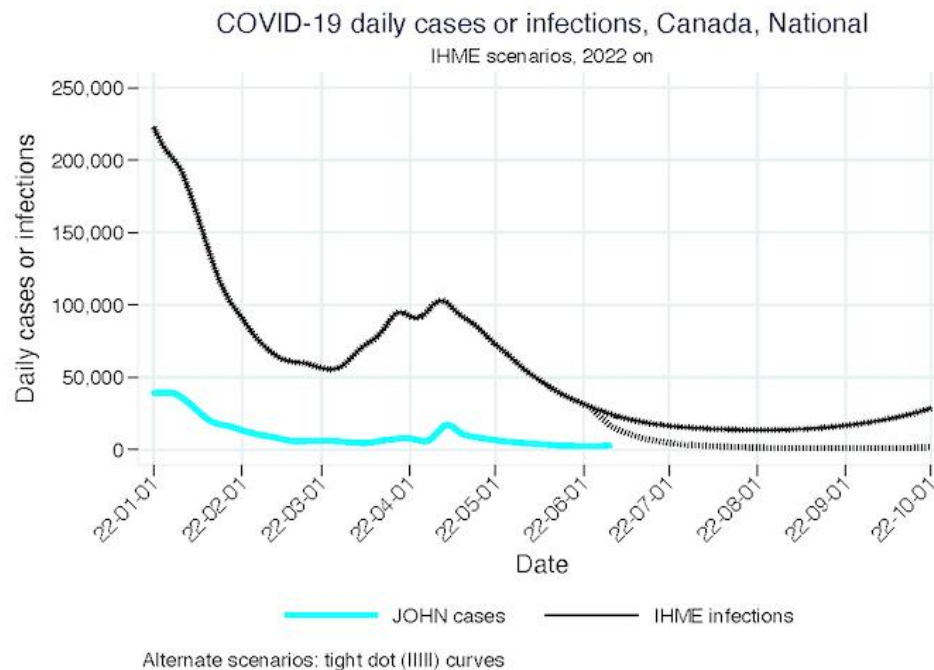


(3) Canada National [Daily cases or infections, Reference scenarios, 2020 on](#)



(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](#)

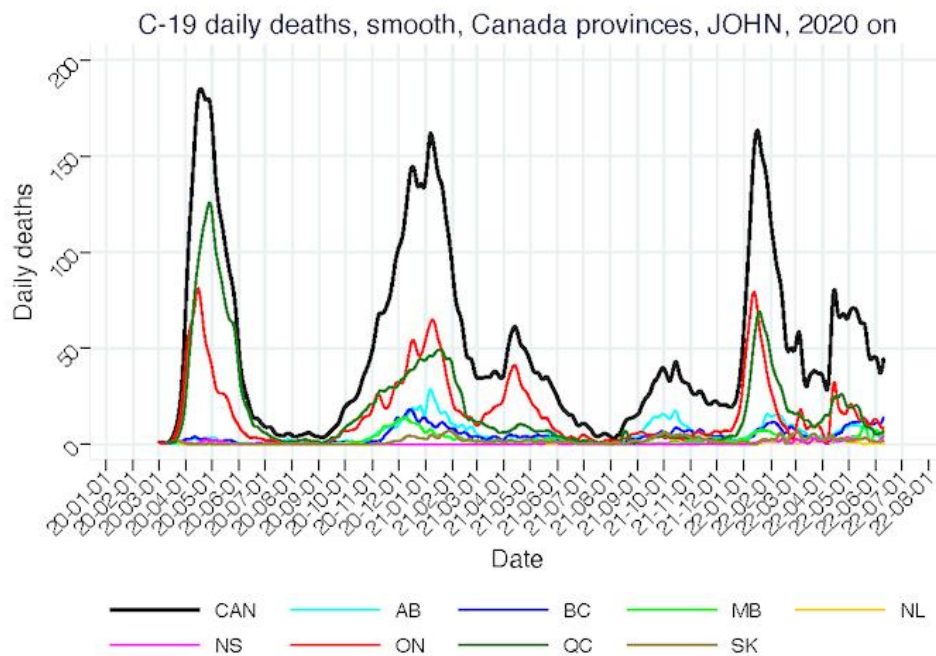
(10) Canada National [Percent cumulative vaccinated, IHME, 2020 on](#)

Selected graphs - Canada, Provinces together

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

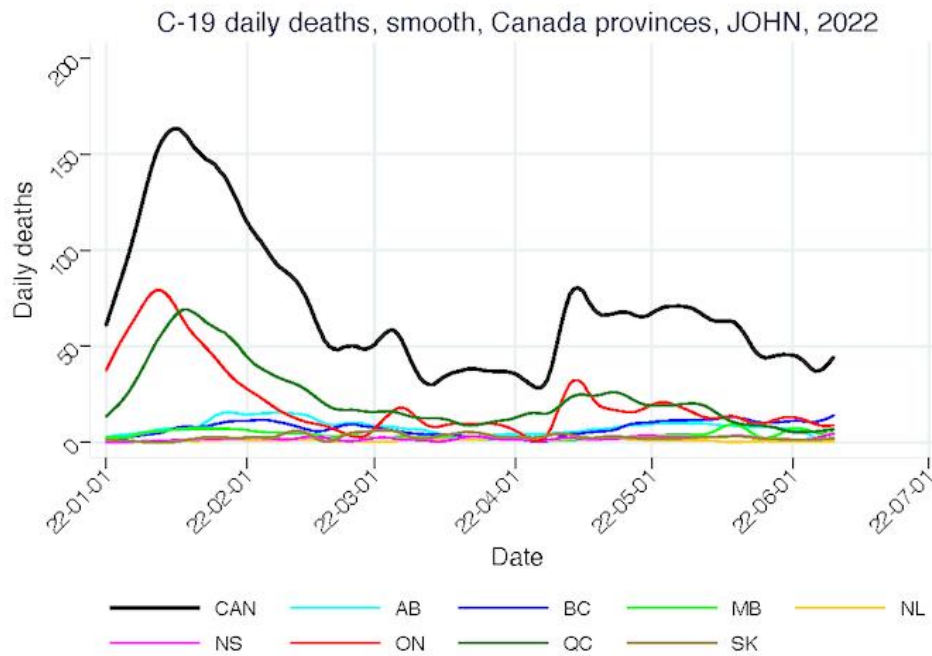
(a) Official reports to WHO, via JOHN

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

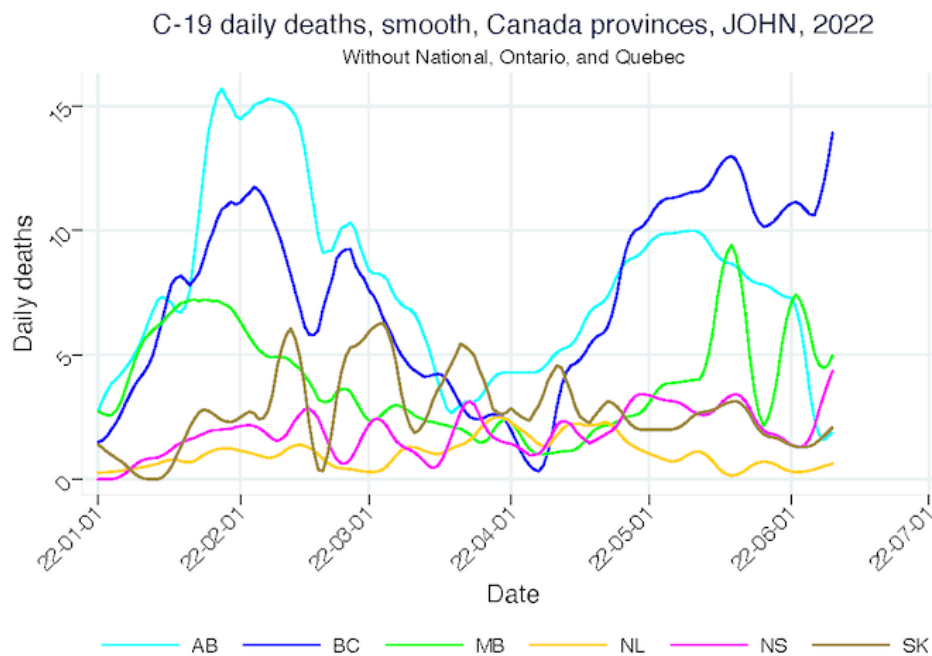


(2) Canada Provinces [Daily reported deaths, JOHN, 2021 on](#)

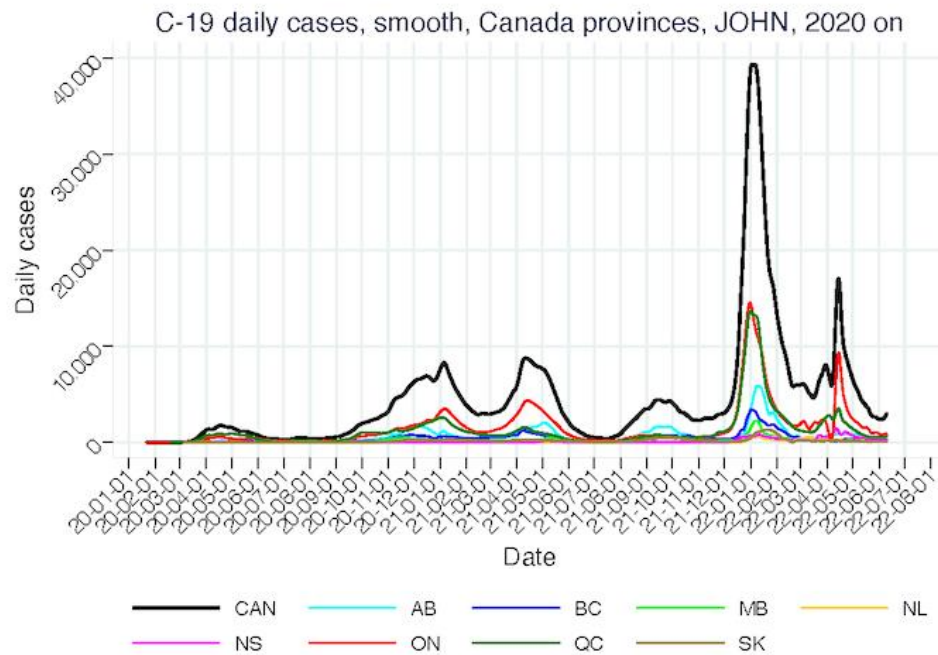
(3) Canada Provinces [Daily reported deaths, JOHN, 2022](#)



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

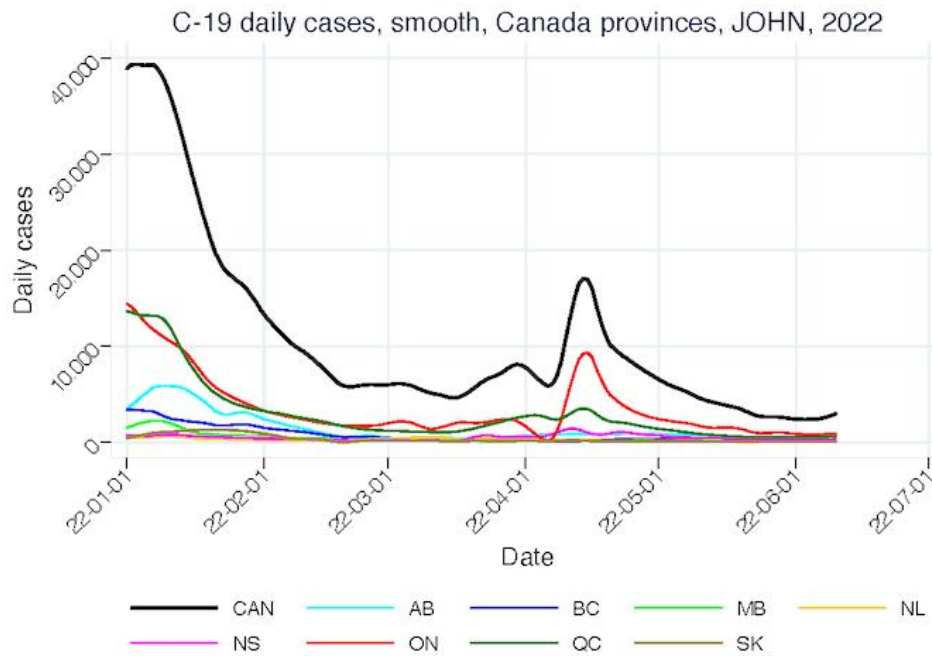


(5) Canada Provinces [Daily reported cases, JOHN, 2020 on](#)

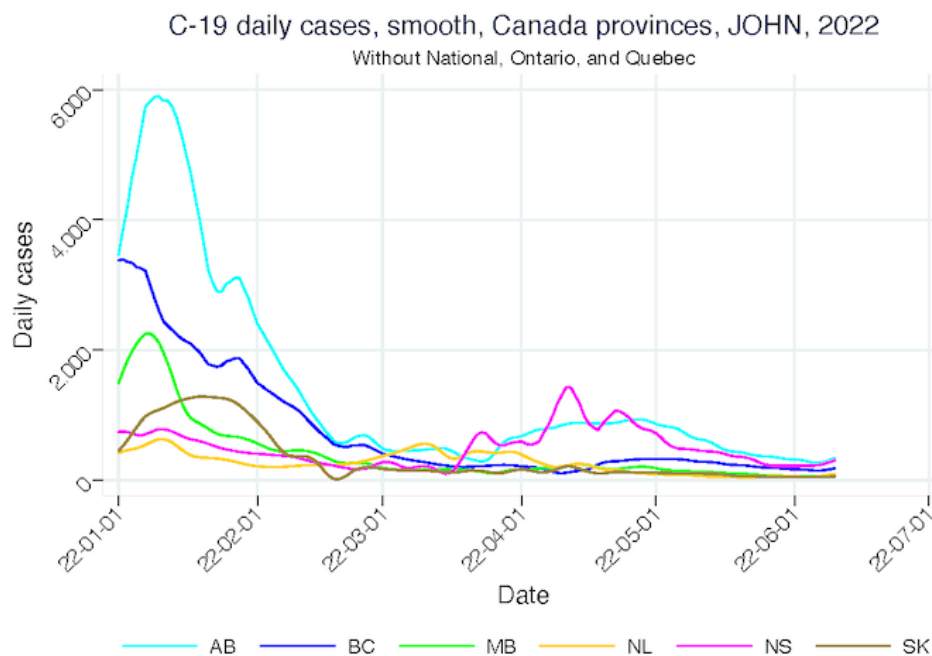


(6) Canada Provinces [Daily reported cases, JOHN, 2021 on](#)

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

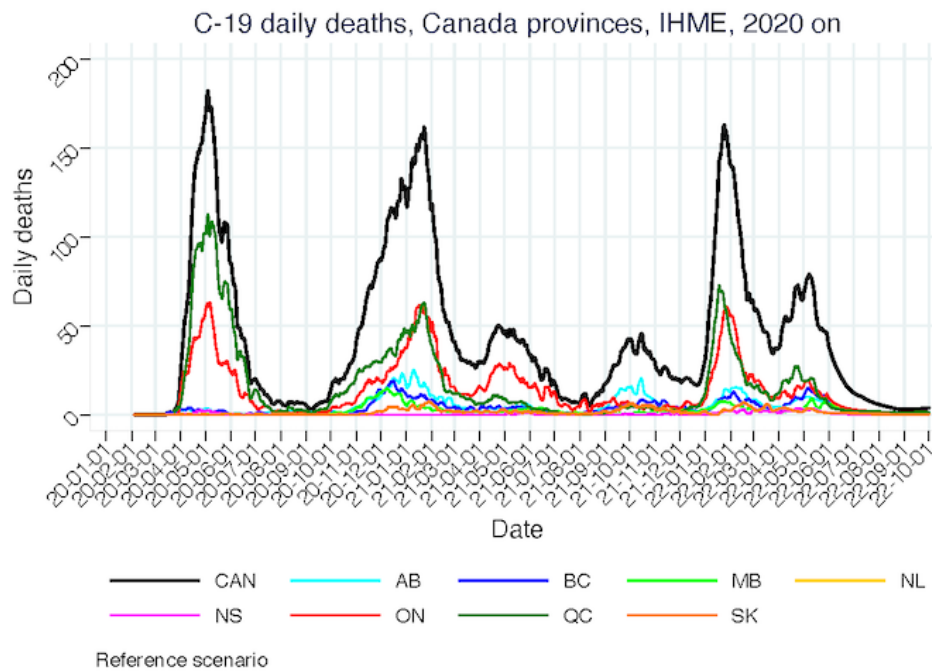


(8) Canada Provinces [Daily reported cases, without National, Ontario, and Quebec, JOHN, 2022](#)



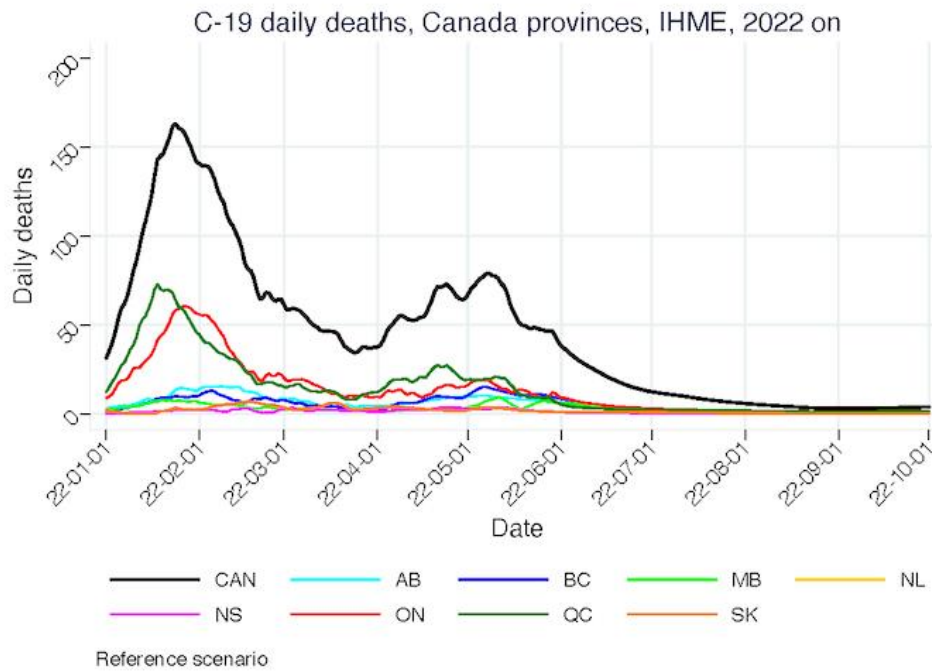
(b) Models: IHME

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

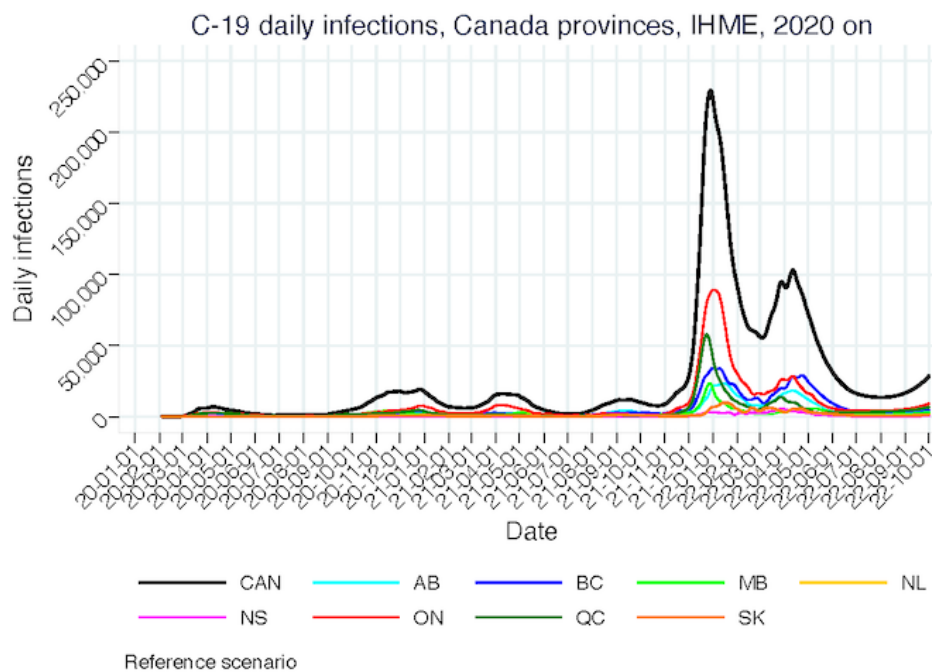


(10) Canada Provinces [Daily deaths, Reference scenario, IHME, 2021 on](#)

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

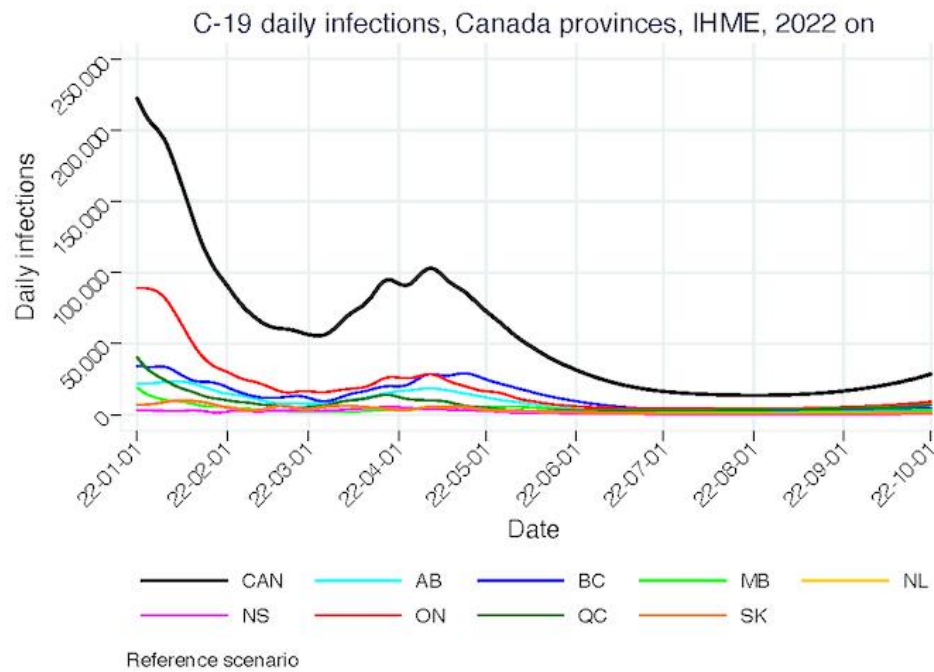


(12) Canada Provinces [Daily infections, Reference scenario, IHME, 2020 on](#)



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

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



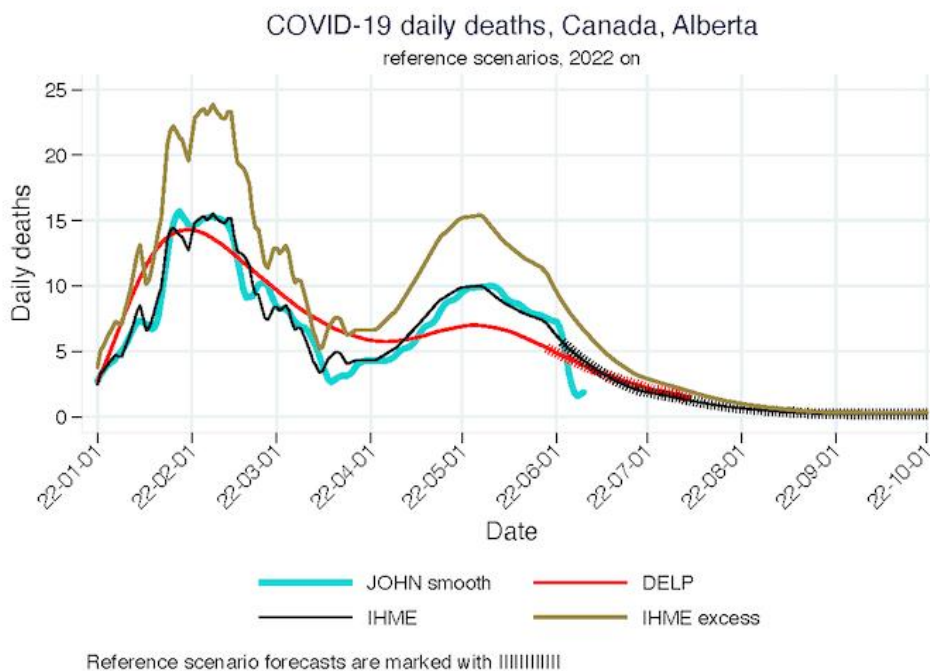
Selected graphs - Alberta

(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](#)

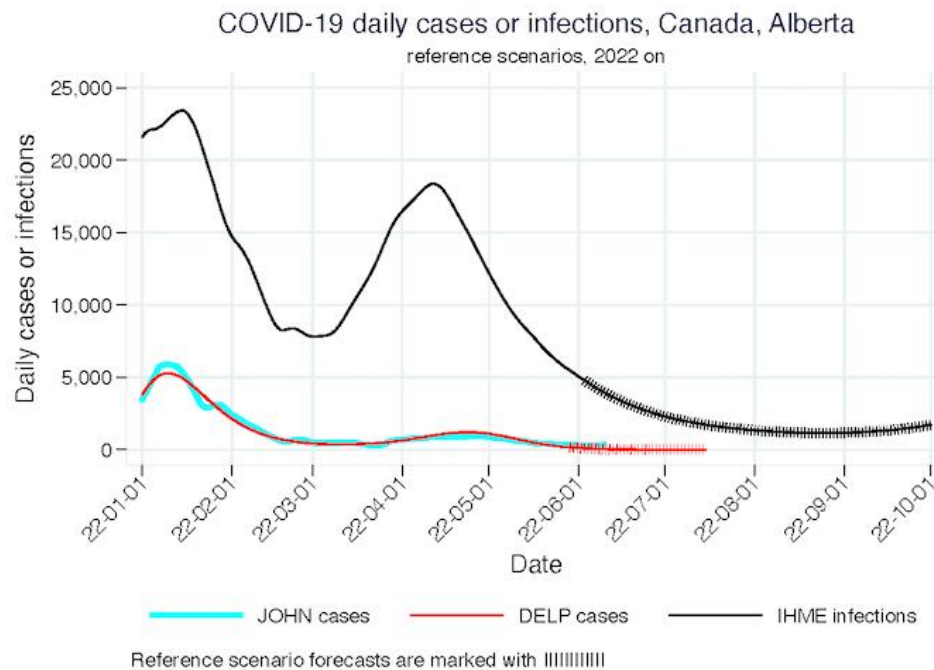
(2c) Alberta [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)



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

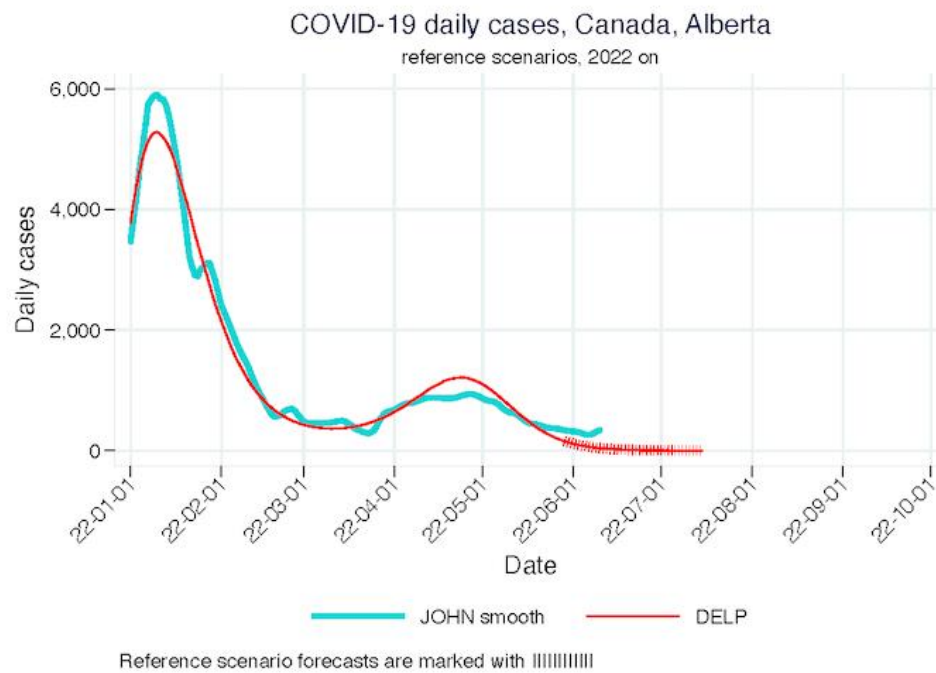
(4) Alberta [Daily cases or infections, Reference scenario, 2021 on](#)

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



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

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



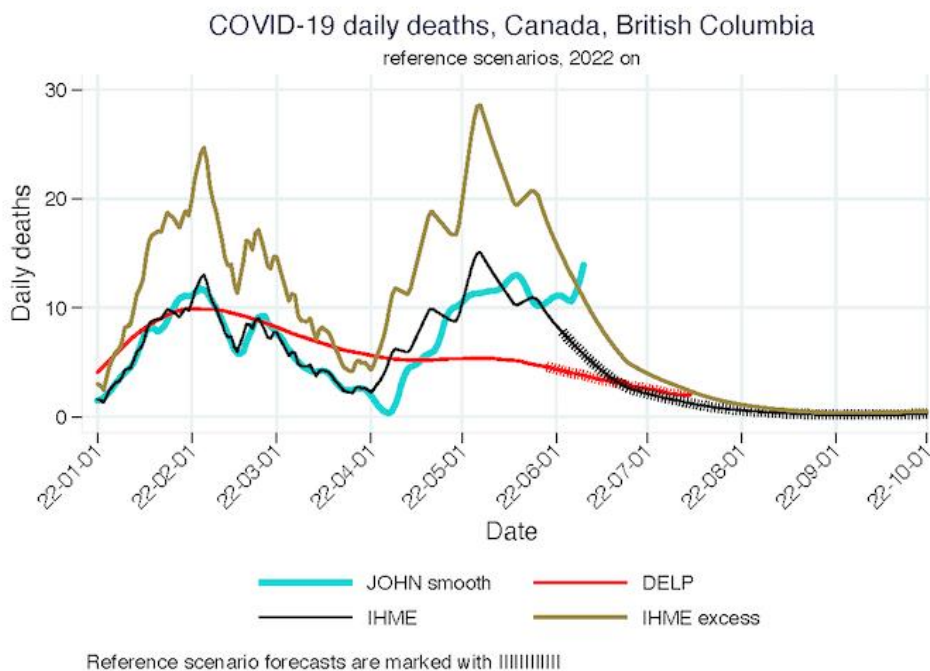
Selected graphs - British Columbia

(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](#)

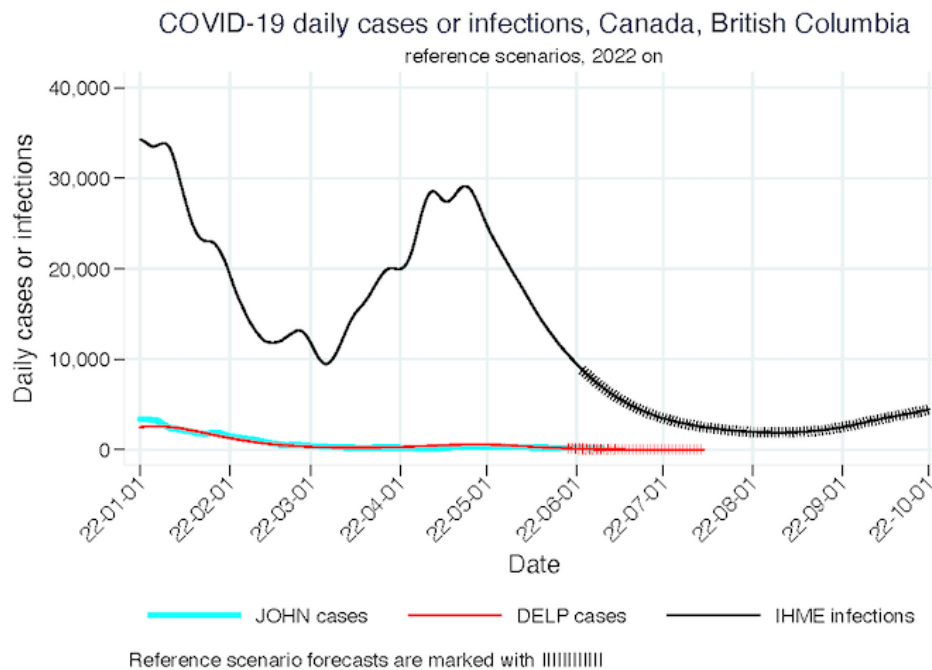
(2c) British Columbia [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)



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

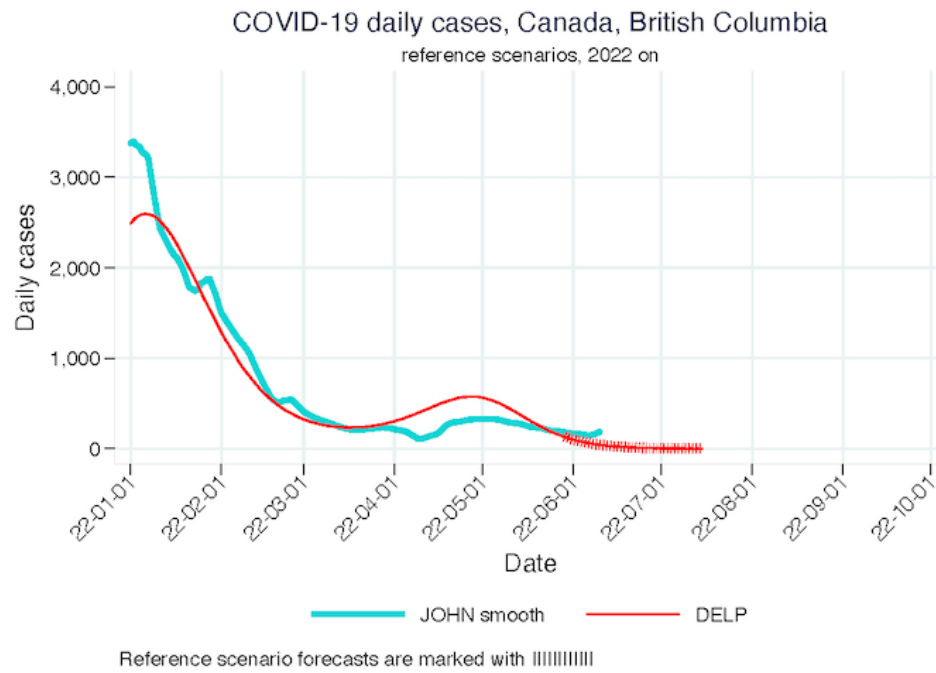
(4) British Columbia [Daily cases or infections, Reference scenario, 2021 on](#)

(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](#)



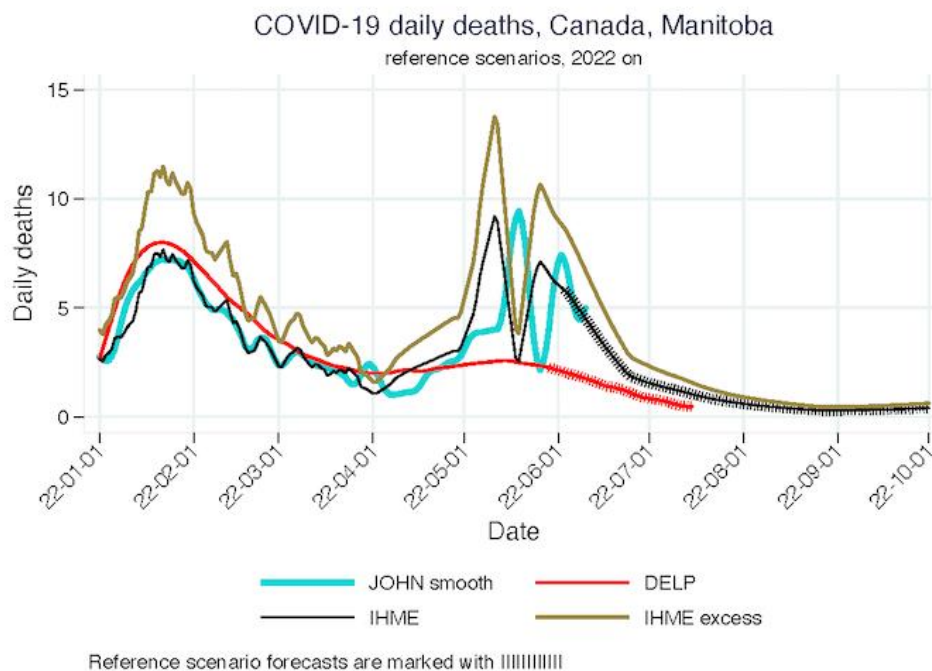
Selected graphs - Manitoba

(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](#)

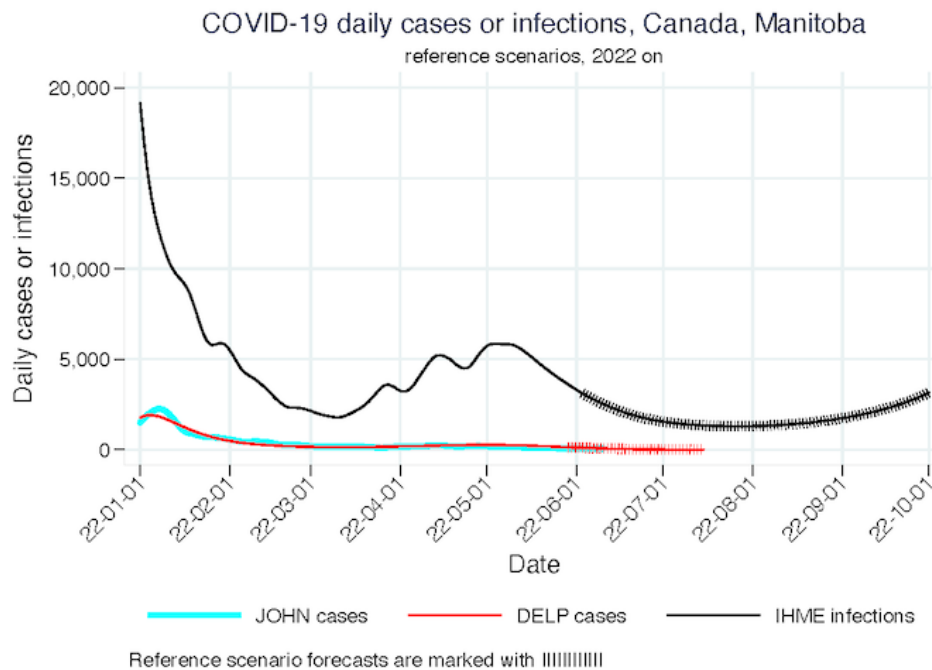
(2c) Manitoba [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)



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

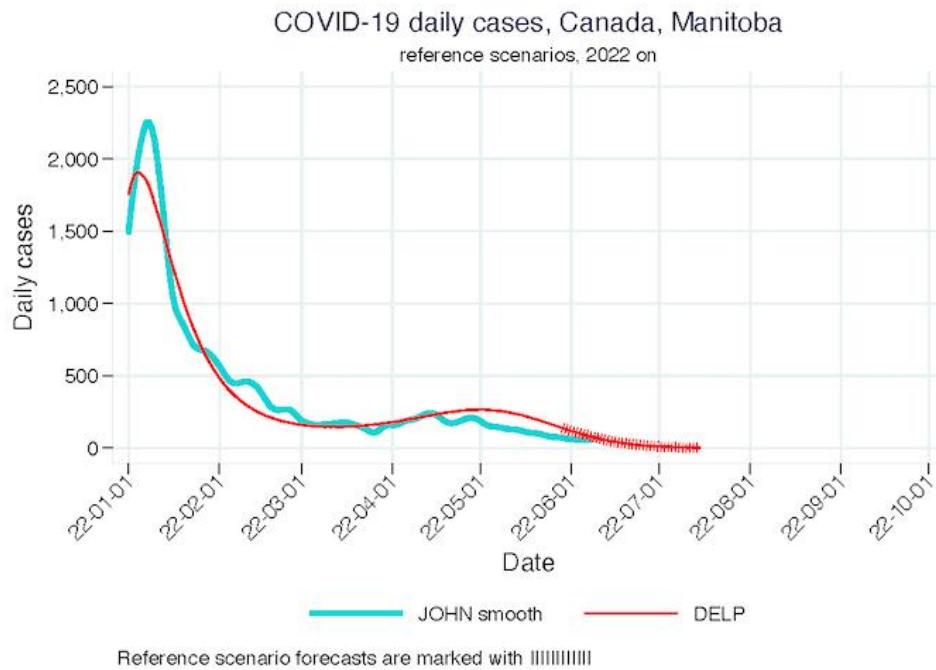
(4) Manitoba [Daily cases or infections, Reference scenario, 2021 on](#)

(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](#)



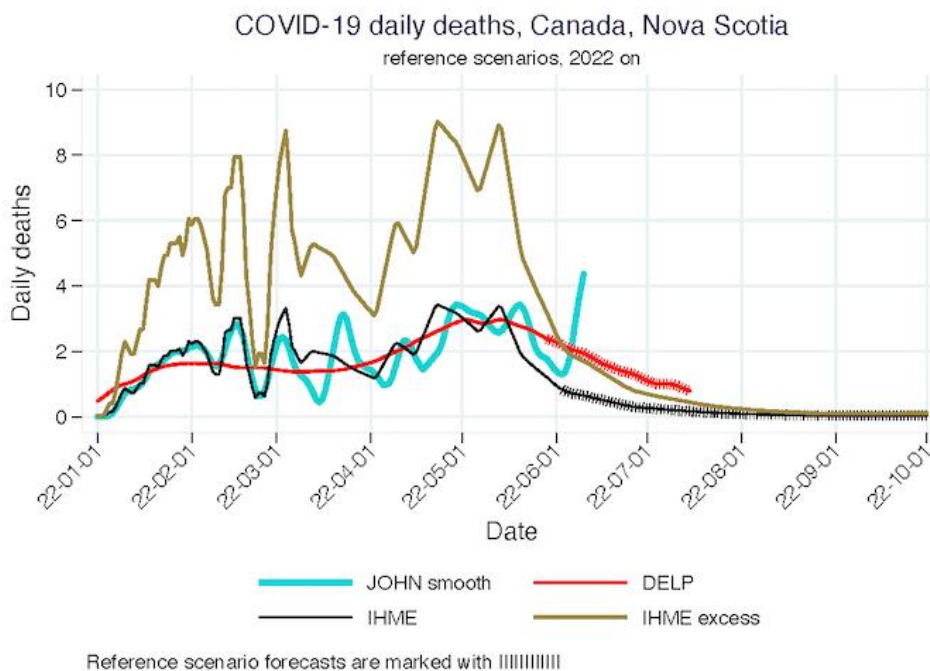
Selected graphs - Nova Scotia

(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](#)

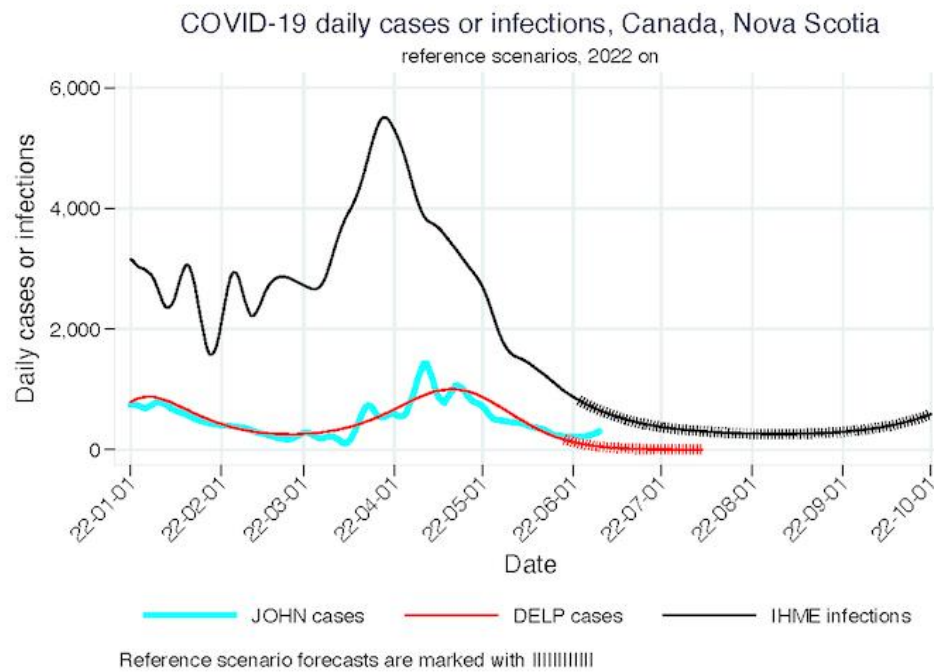
(2c) Nova Scotia [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)



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

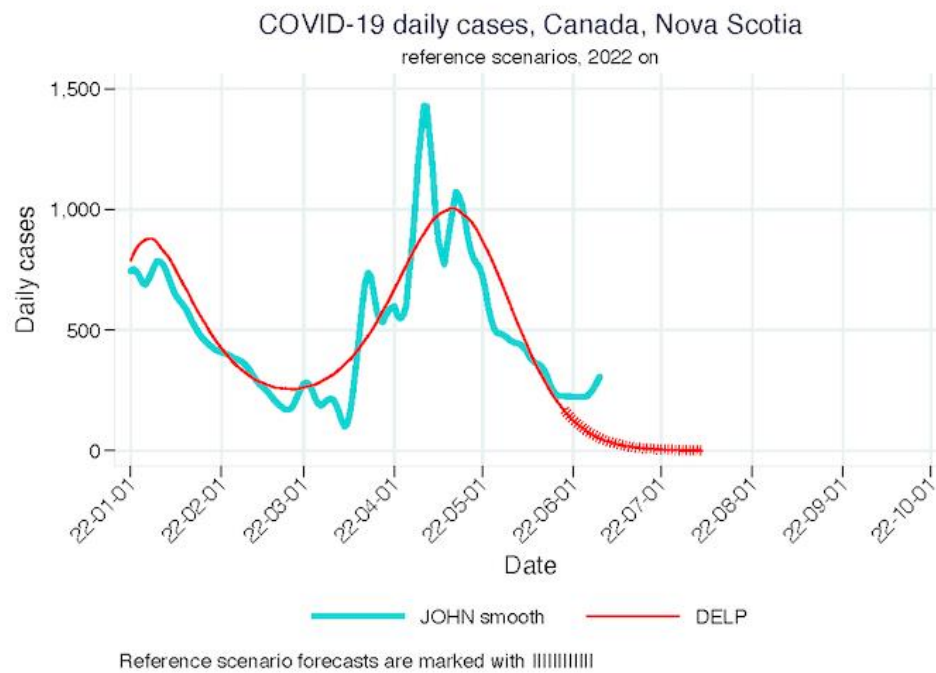
(4) Nova Scotia [Daily cases or infections, Reference scenario, 2021 on](#)

(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](#)



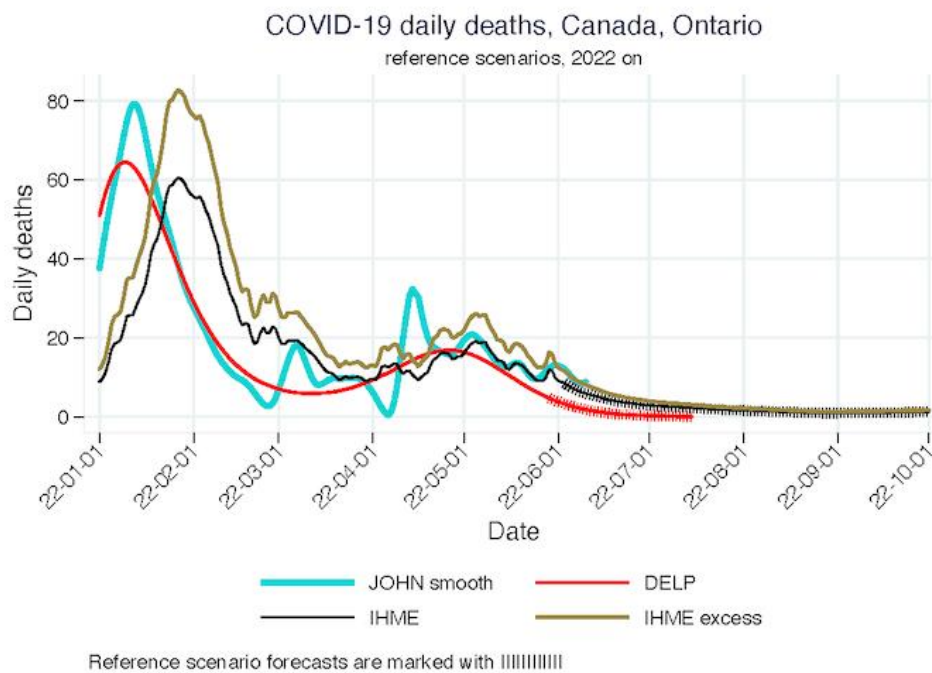
Selected graphs - Ontario

(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](#)

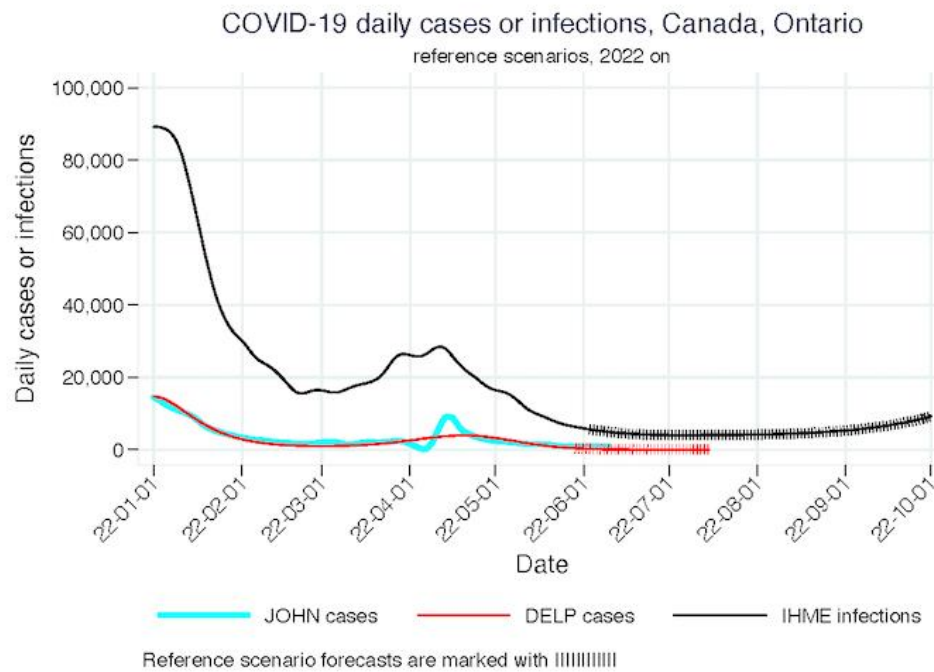
(2c) Ontario [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)



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

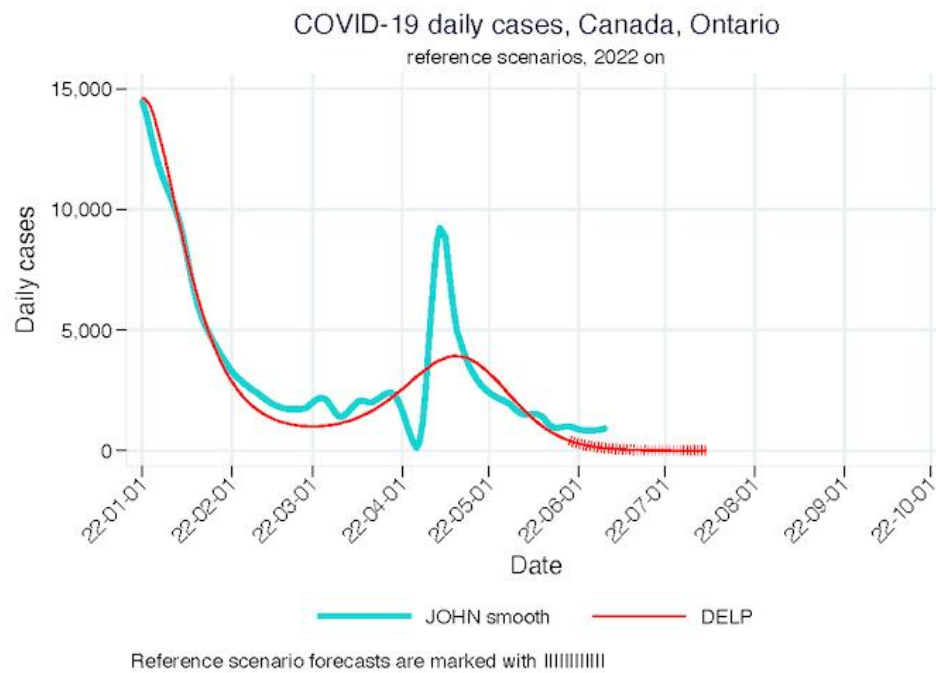
(4) Ontario [Daily cases or infections, Reference scenario, 2021 on](#)

(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](#)



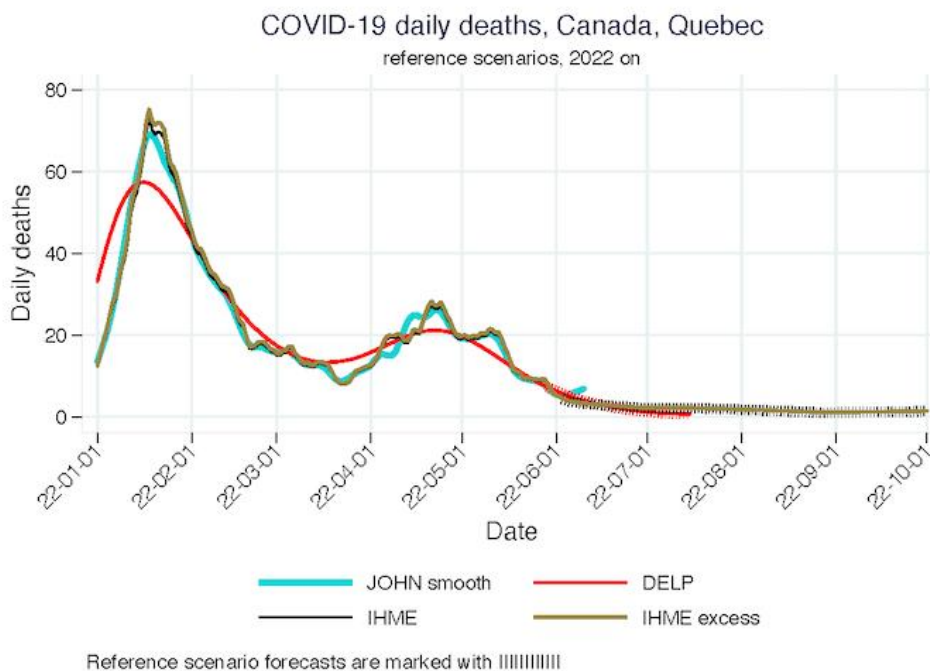
Selected graphs - Quebec

(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](#)

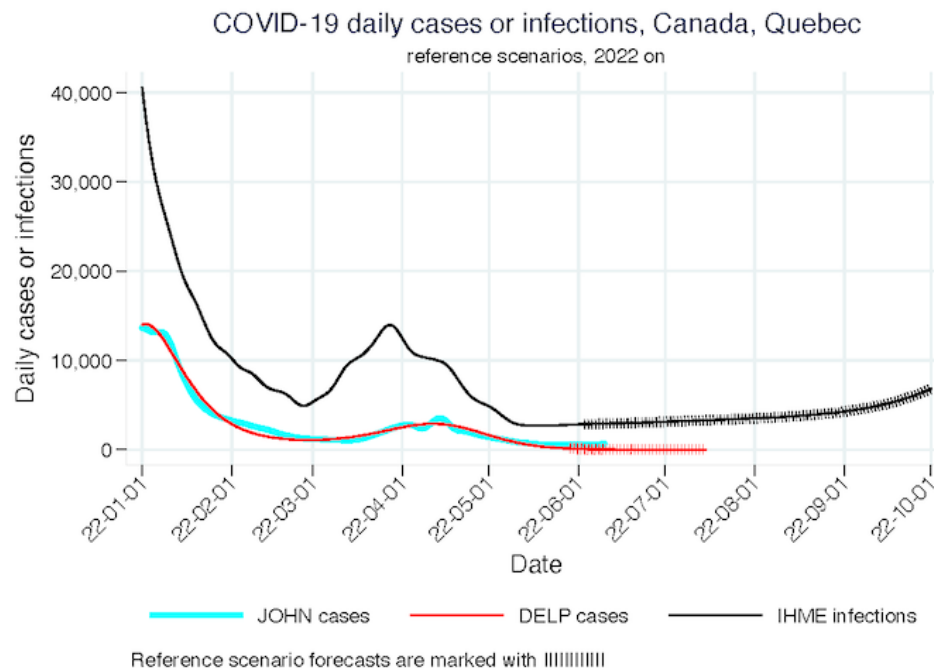
(2c) Quebec [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)



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

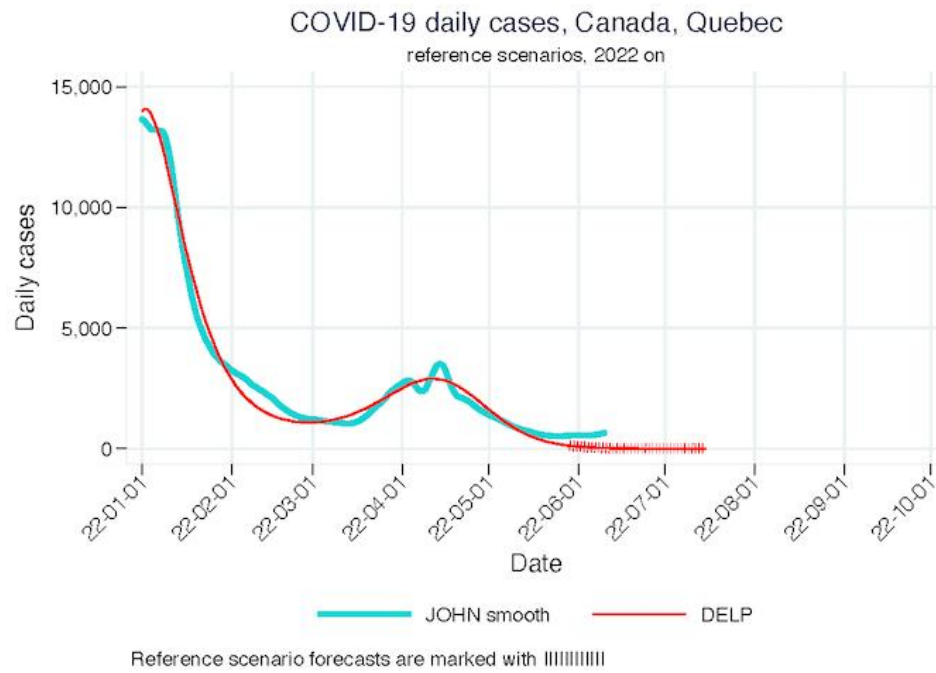
(4) Quebec [Daily cases or infections, Reference scenario, 2021 on](#)

(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](#)



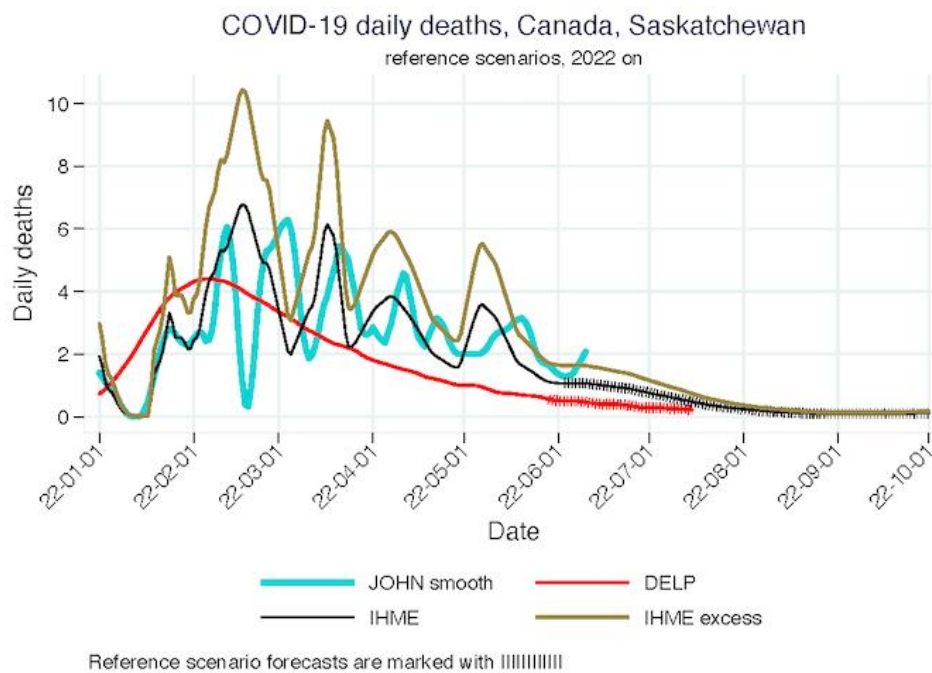
Selected graphs - Saskatchewan

(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](#)

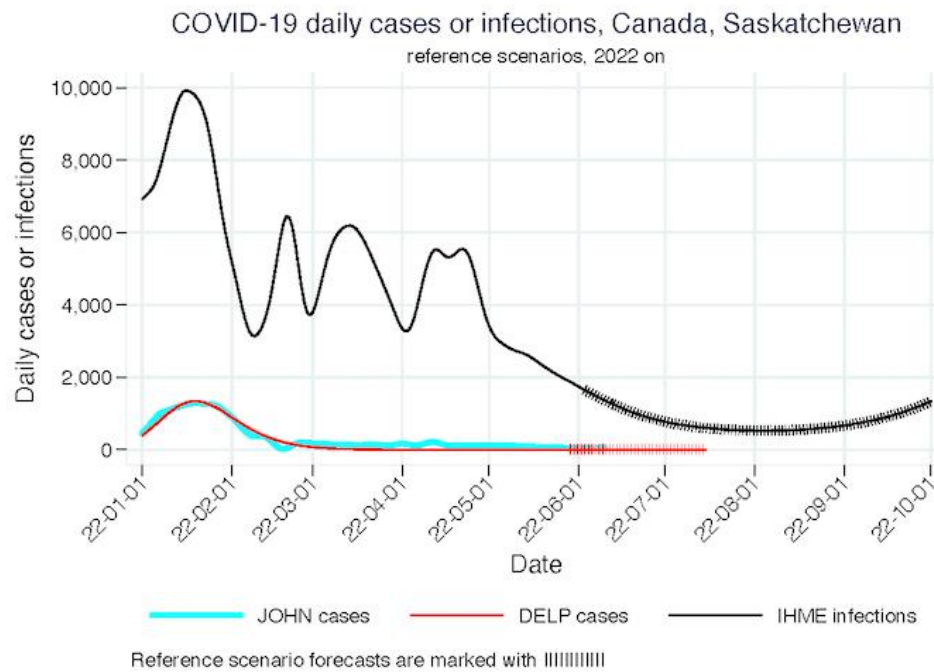
(2c) Saskatchewan [Daily deaths, Reference scenario, 2022 on, without JOHN raw](#)



(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](#)

