

Canada COVID-19 epidemic models situation report No 45 - 2022-04-29

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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**

Based on uptake 20220429 in <https://github.com/pourmalek/CovidVisualizedCountry>
DELP 20220422, IHME 20220408, no IMPE, **SRIV 20220422**, No PHAC

Days old: DELP 0, IHME 14, no IMPE, SRIV 0

The latest available IMPE update (i.e., 2022-01-31) is 3 months old. Not included.

The [latest update of the PHAC-McMaster model](#) is 72 days old. Not included.

Summary 20220429:

Reported daily deaths and cases are rising in British Columbia, Alberta, and Manitoba.

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

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

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

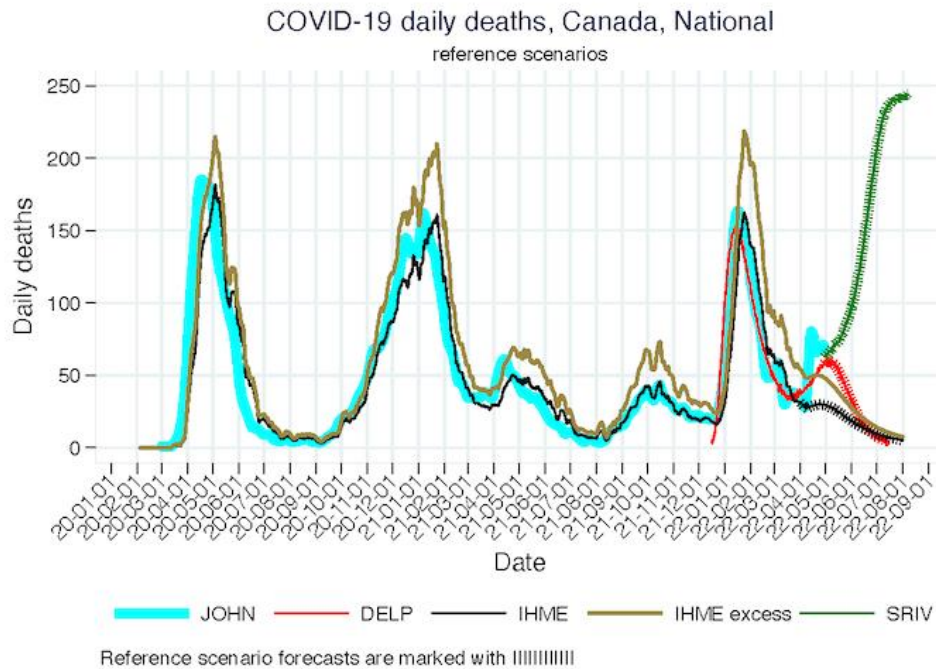
SRIV: [model by Srivastava, Ajitesh, University of Southern California, Los Angeles](#)

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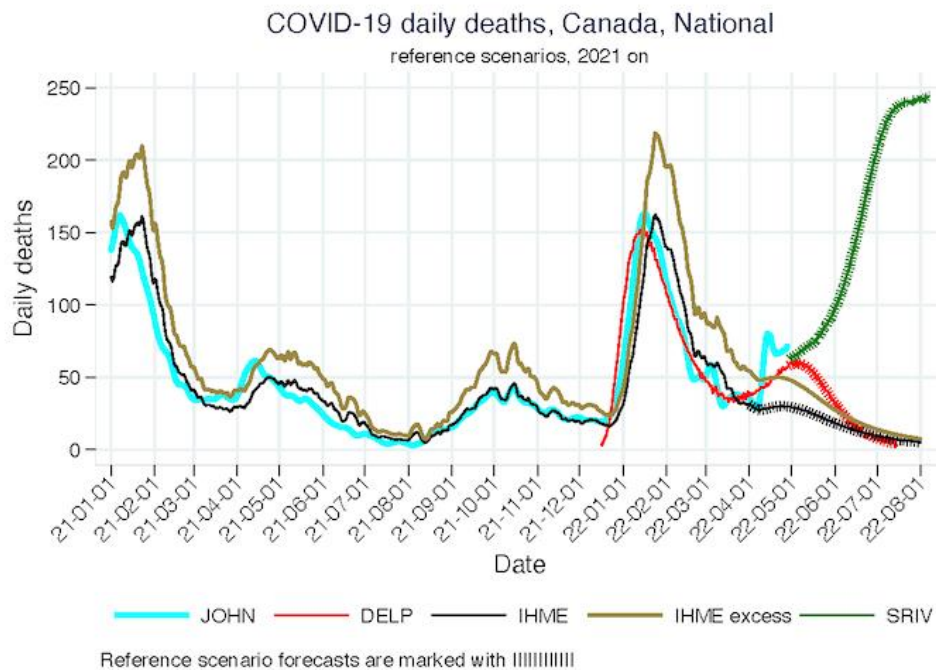
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Selected graphs - Canada, National

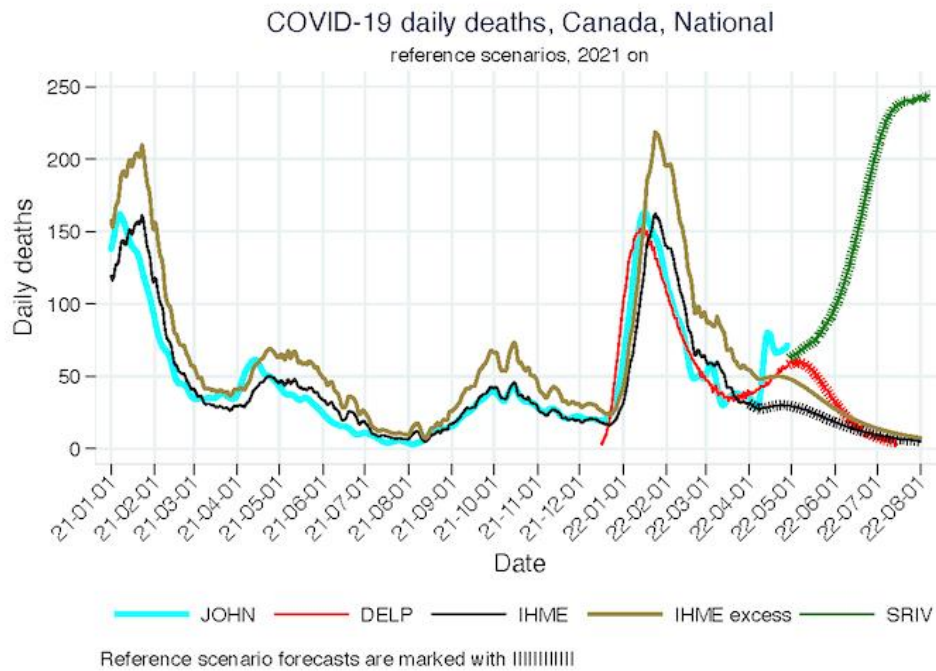
(1) Canada [Daily deaths, Reference scenarios, 2020 on](#)



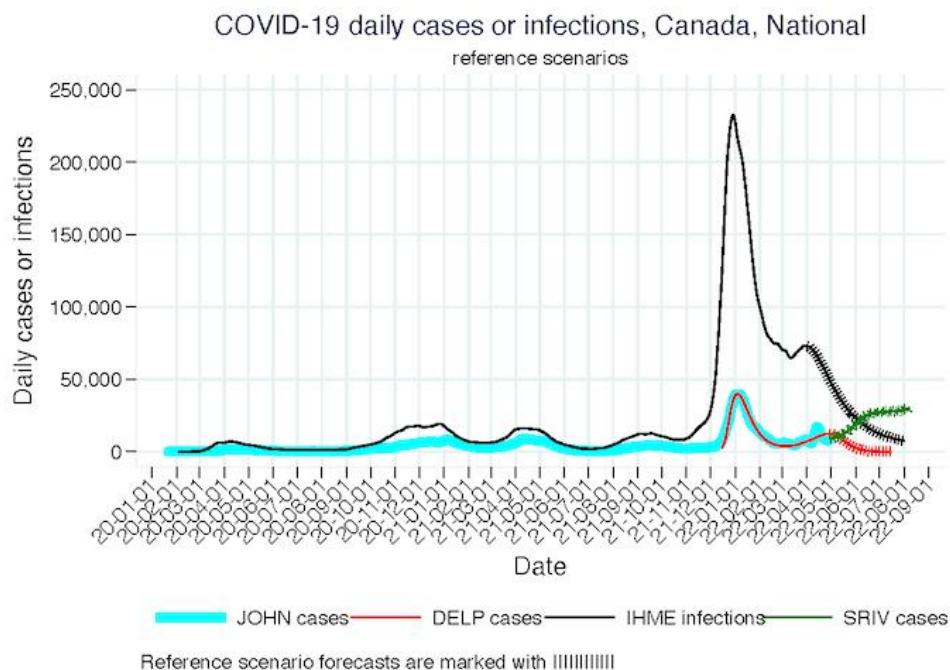
(2) Canada National [Daily deaths, All scenarios, 2021 on](#)



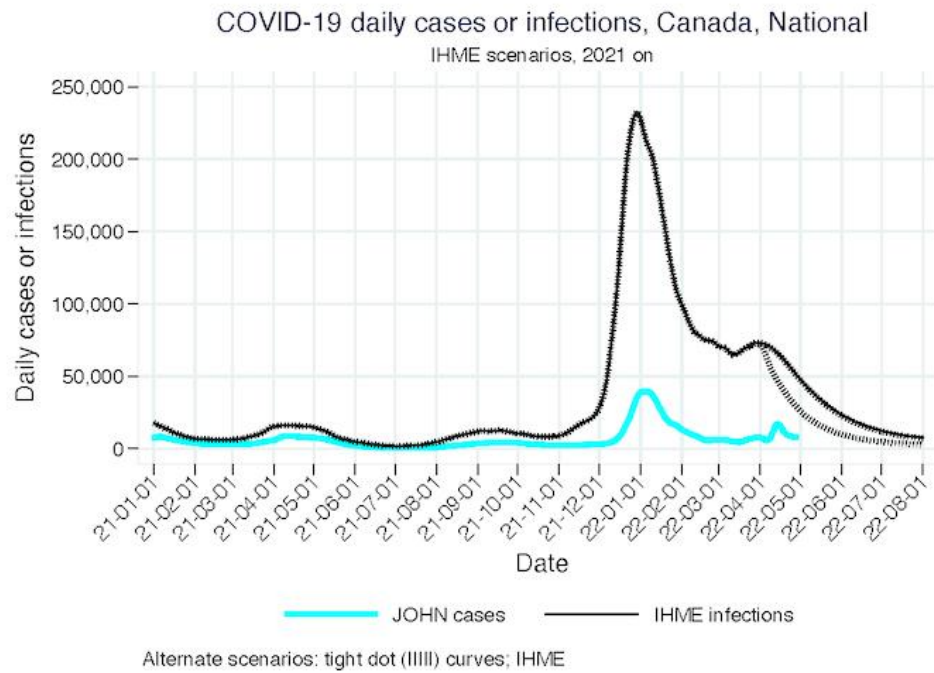
(2b) Canada National [Daily deaths, All scenarios, 2022 on](#)



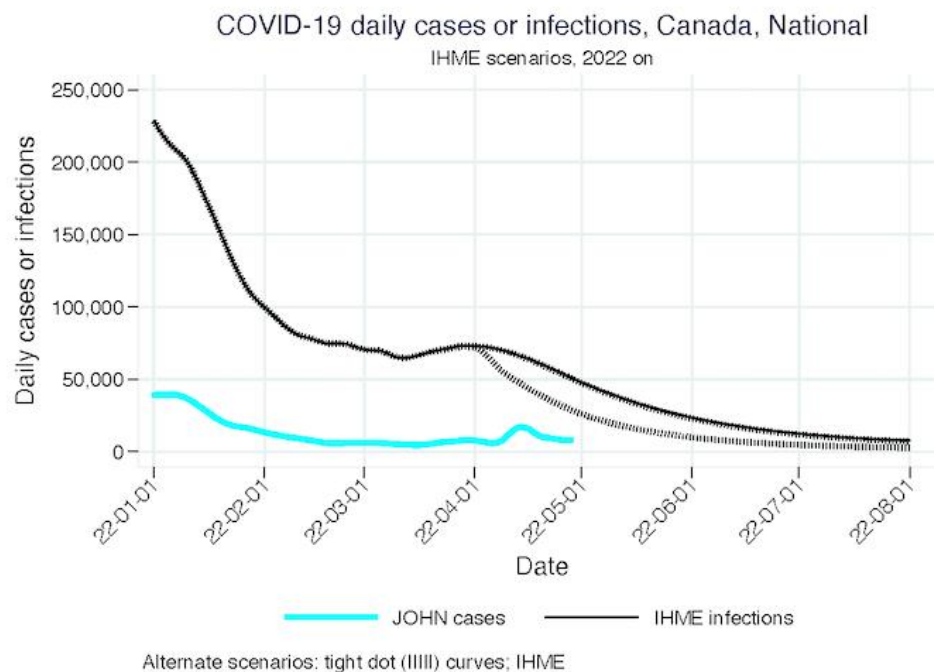
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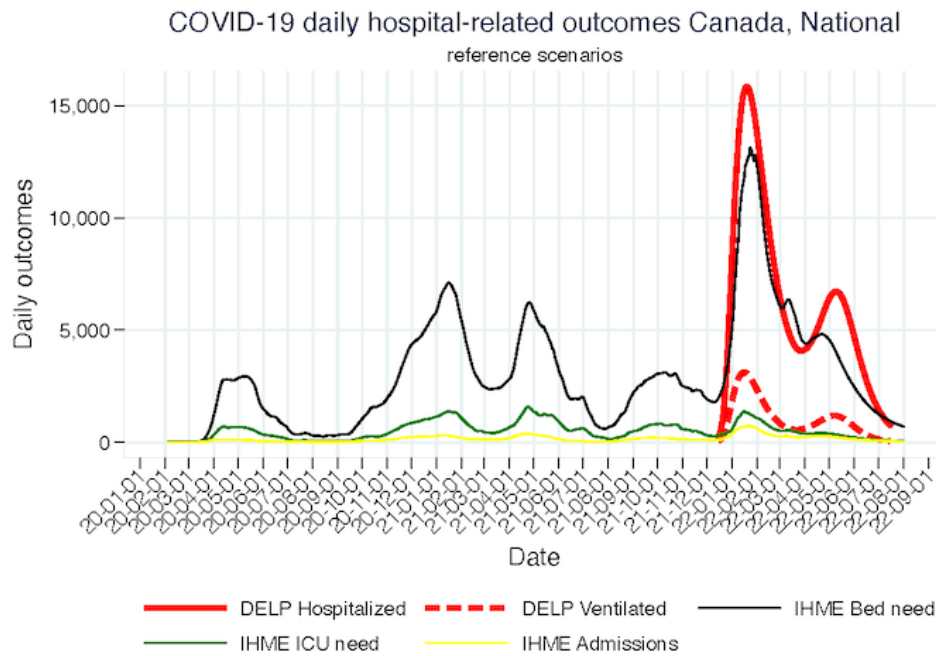
(4) Canada National [Daily cases or infections, All scenarios, 2021 on](#)



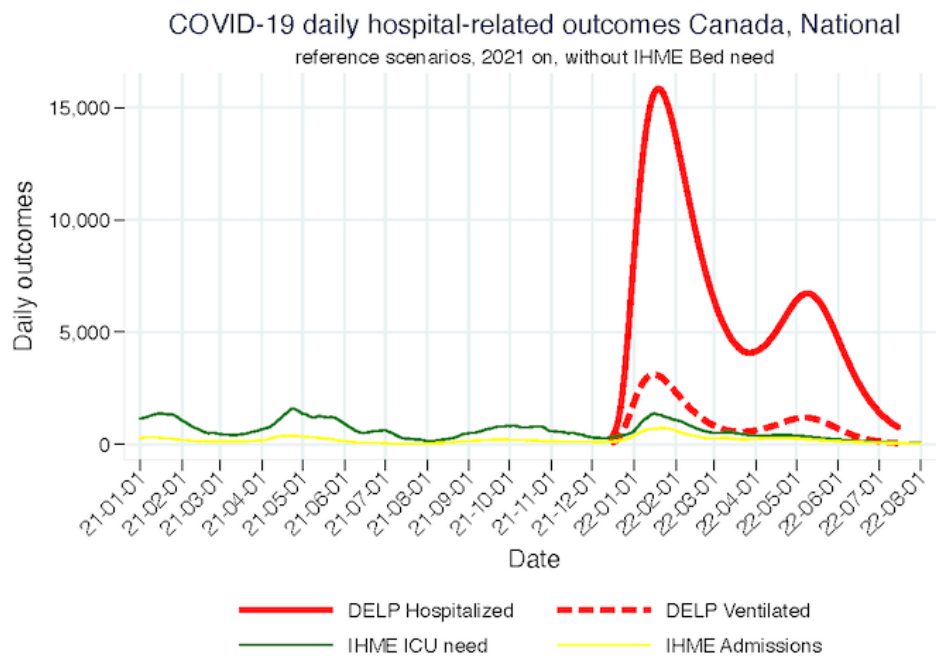
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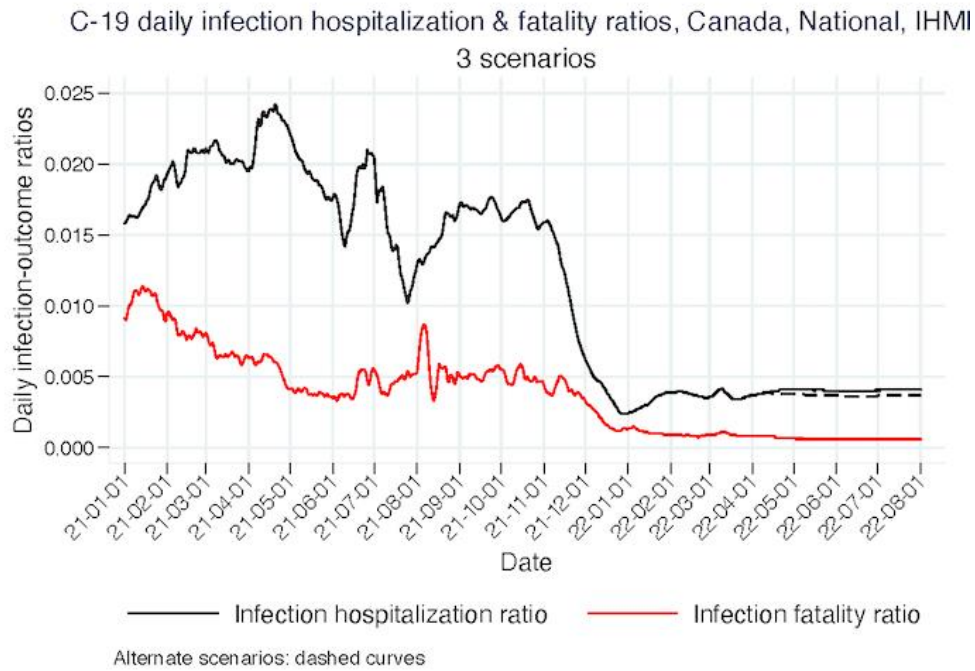
(5) Canada National [Daily hospital-related outcomes, Reference scenarios, 2020 on](#)



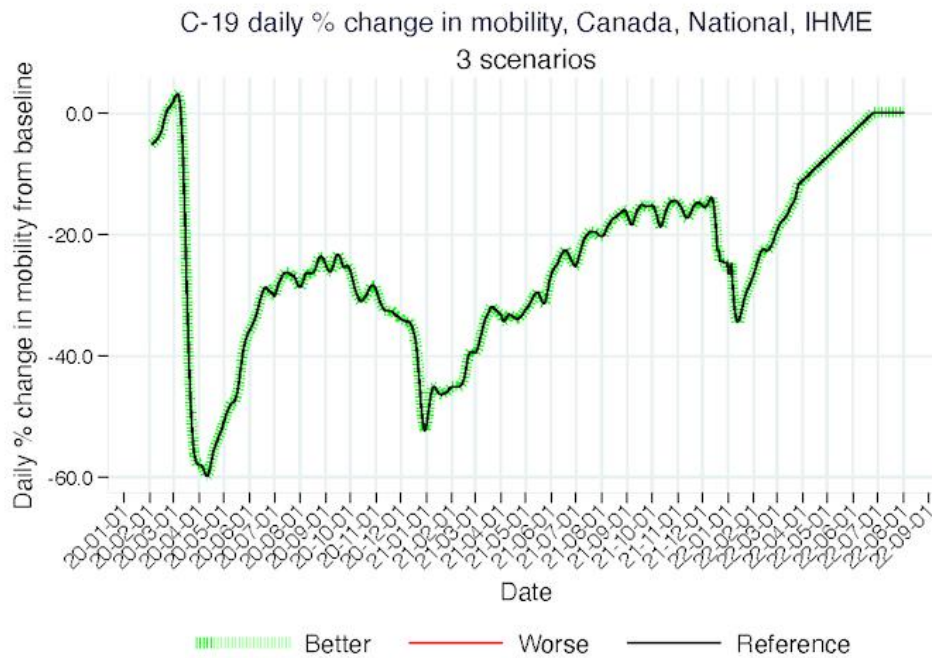
(6) Canada National [Daily hospital-related outcomes, without IHME Bed need, IMPE Hospital demand, Reference scenarios, 2021 on](#)



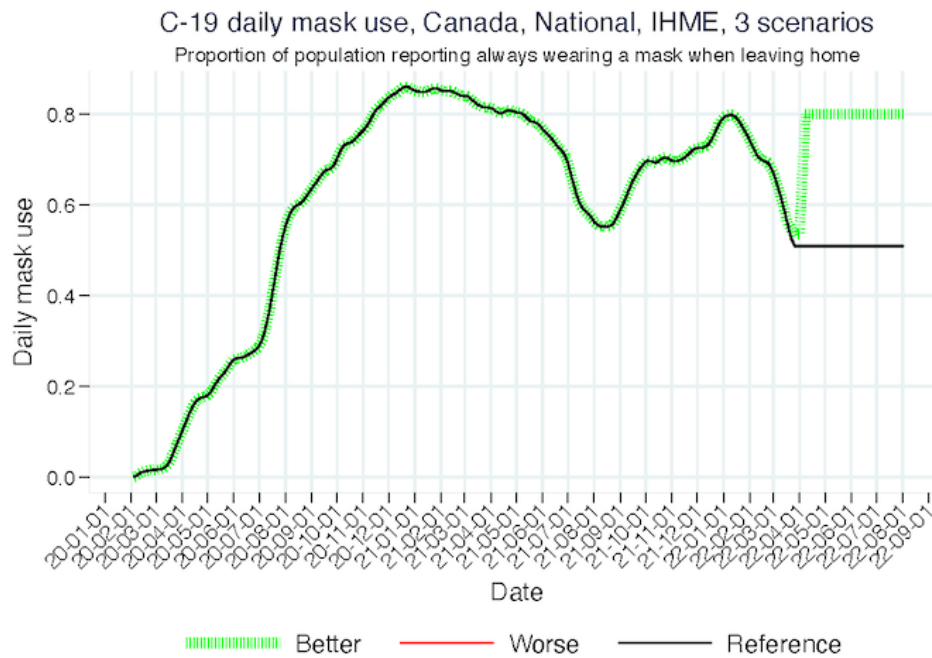
(7) Canada National [Daily Infection hospitalization and fatality ratios, Reference scenario, IHME, 2021 on](#)



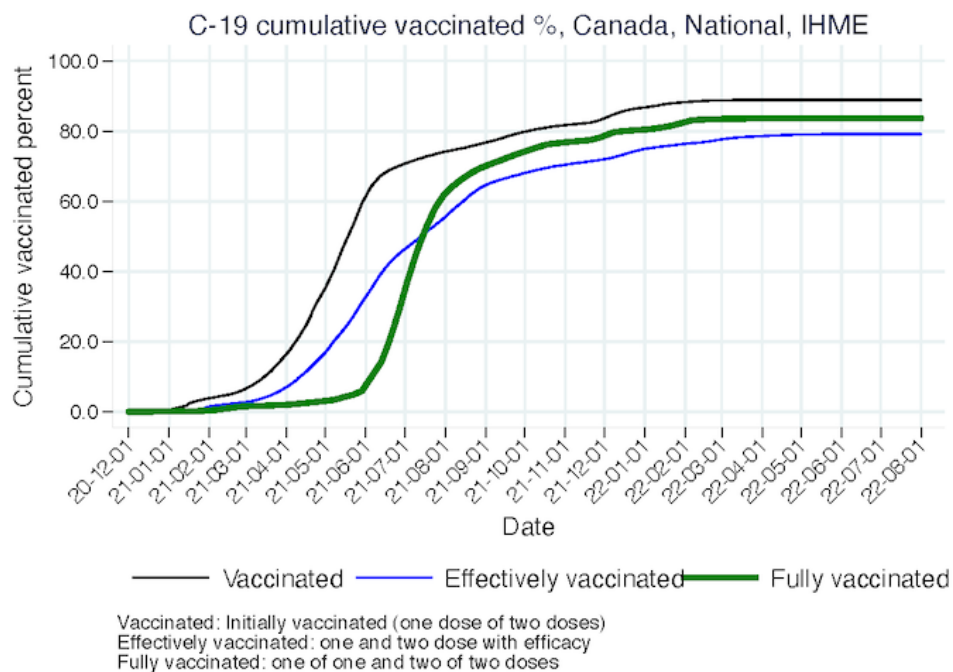
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(9) Canada National [Daily mask use, IHME, 2020 on](#)



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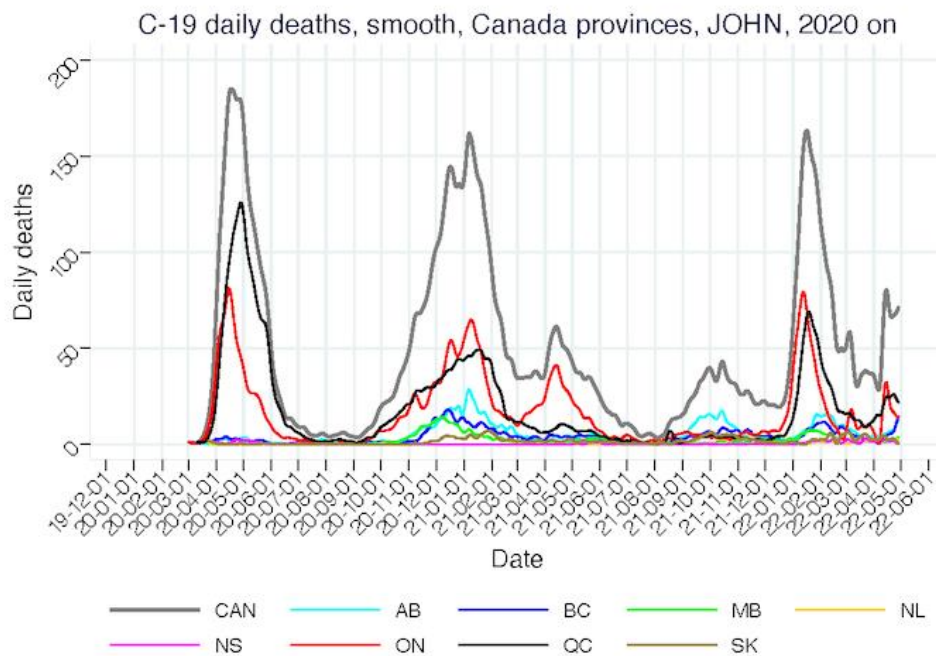


Selected graphs - Canada, Provinces together

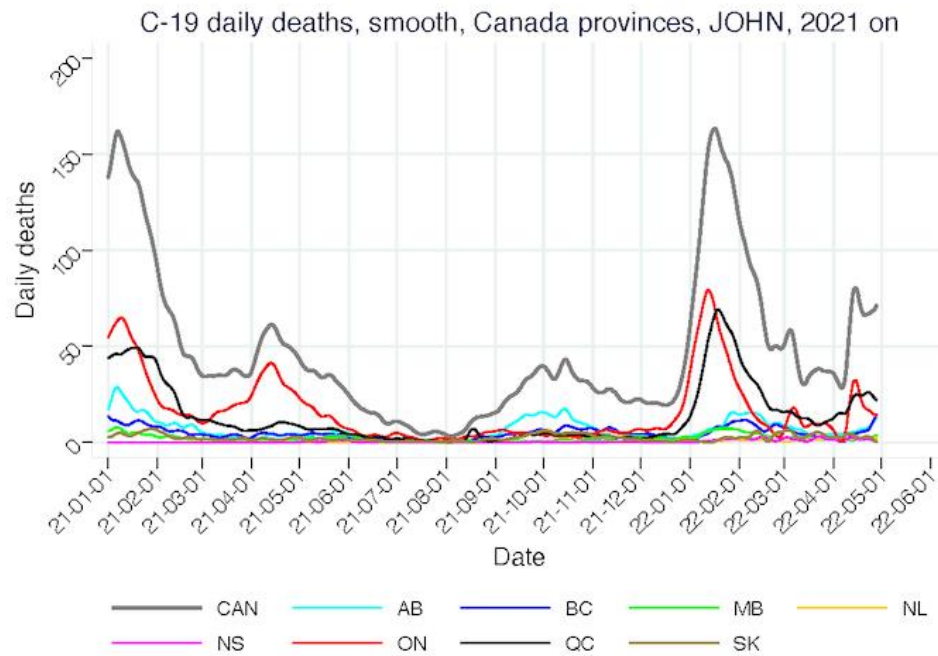
(a) Official reports to WHO, via JOHN || (b) Models: IHME

(a) Official reports to WHO, via JOHN

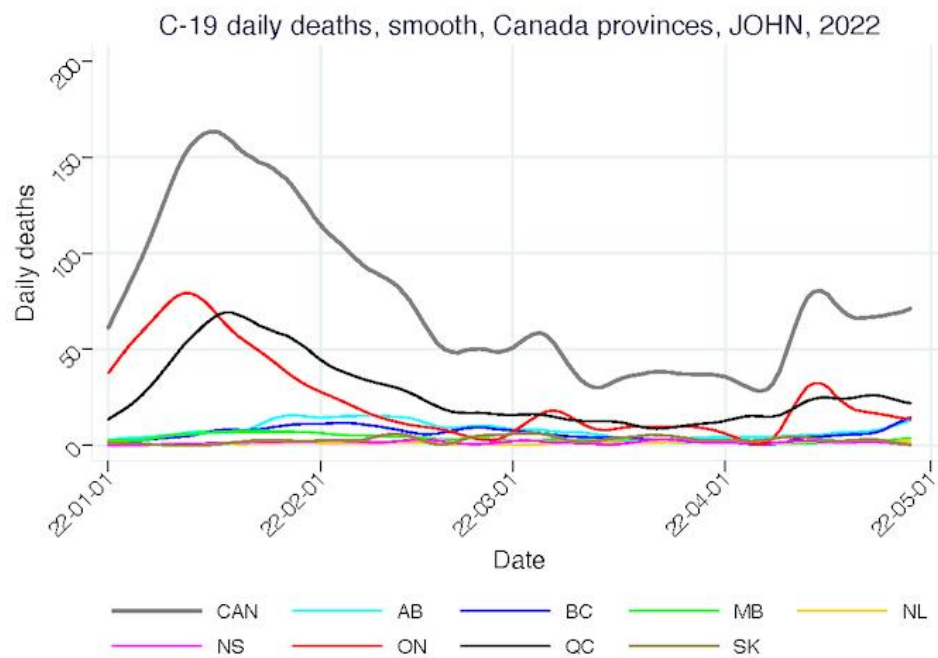
(1) Canada Provinces [Daily reported deaths, JOHN, 2020 on](#)



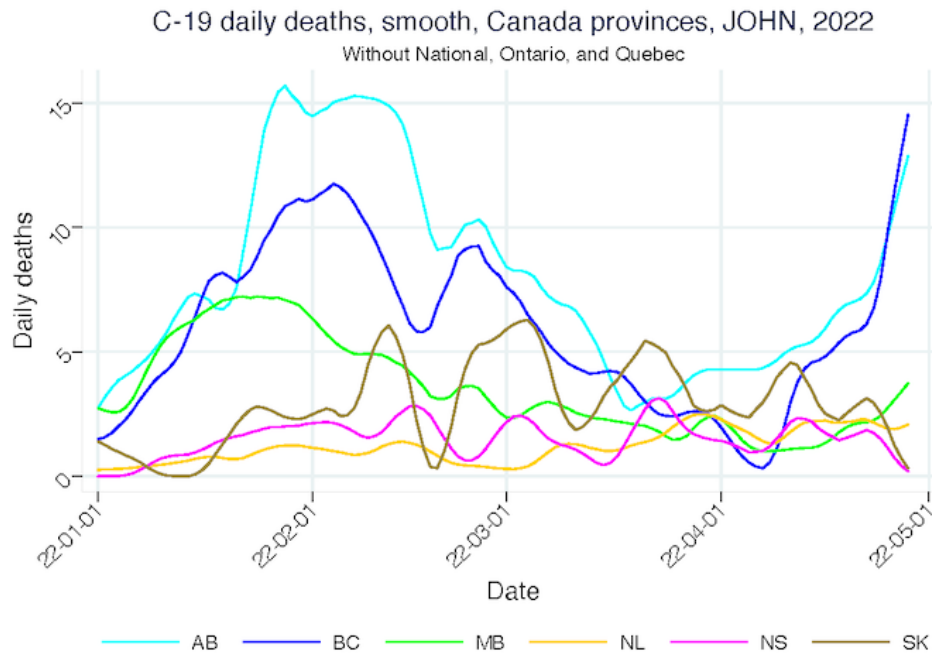
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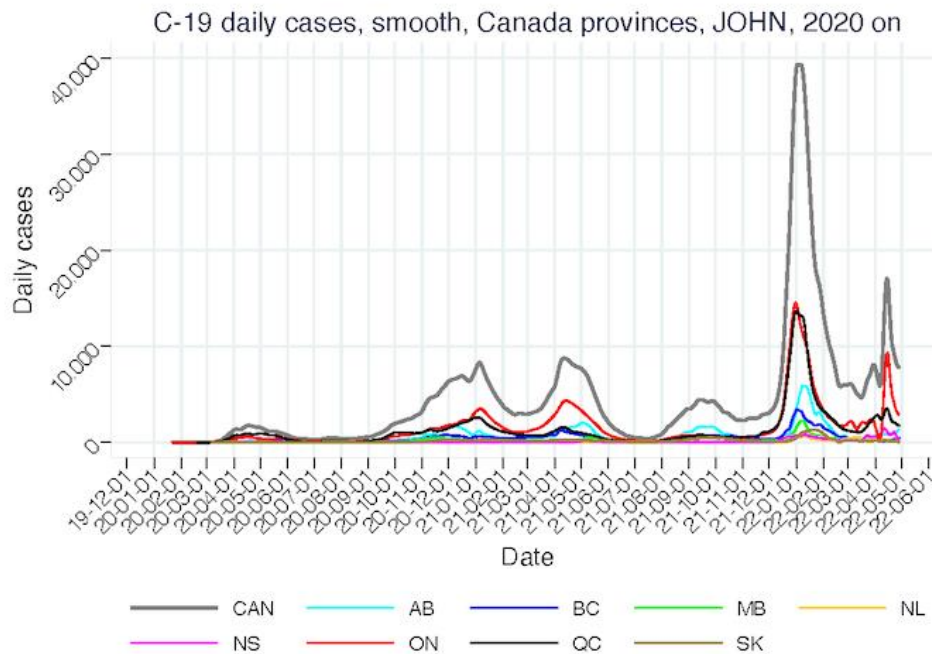
(3) Canada Provinces [Daily reported deaths, JOHN, 2022](#)



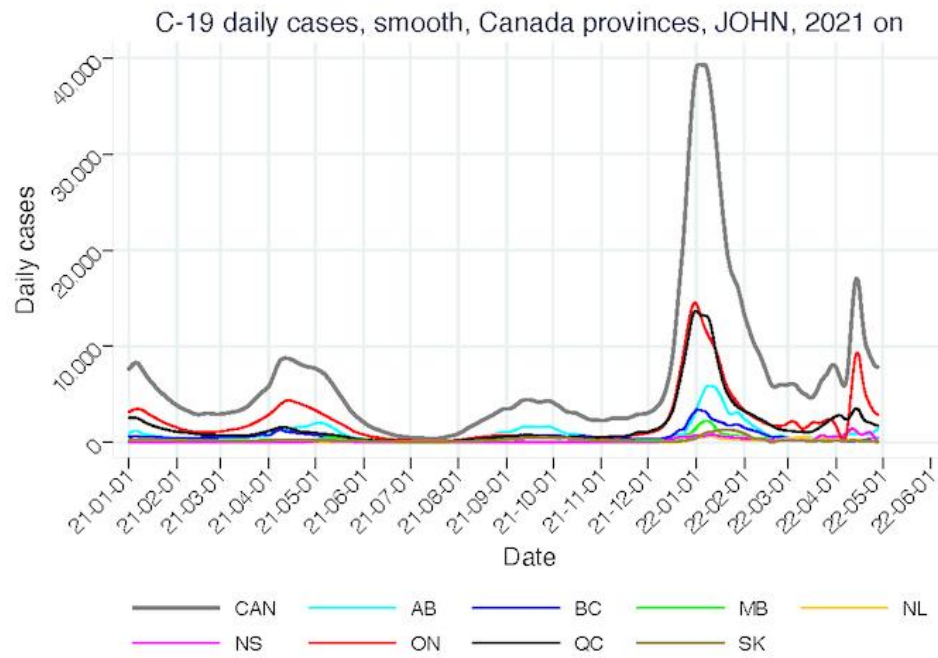
(4) Canada Provinces [Daily reported deaths, without National, Ontario, and Quebec, JOHN, 2022](#)



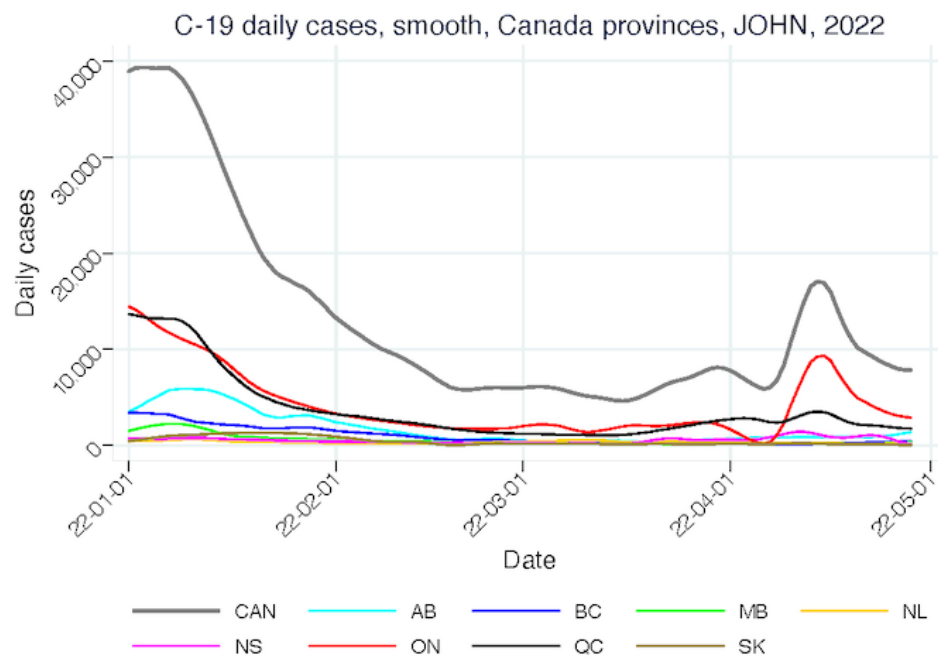
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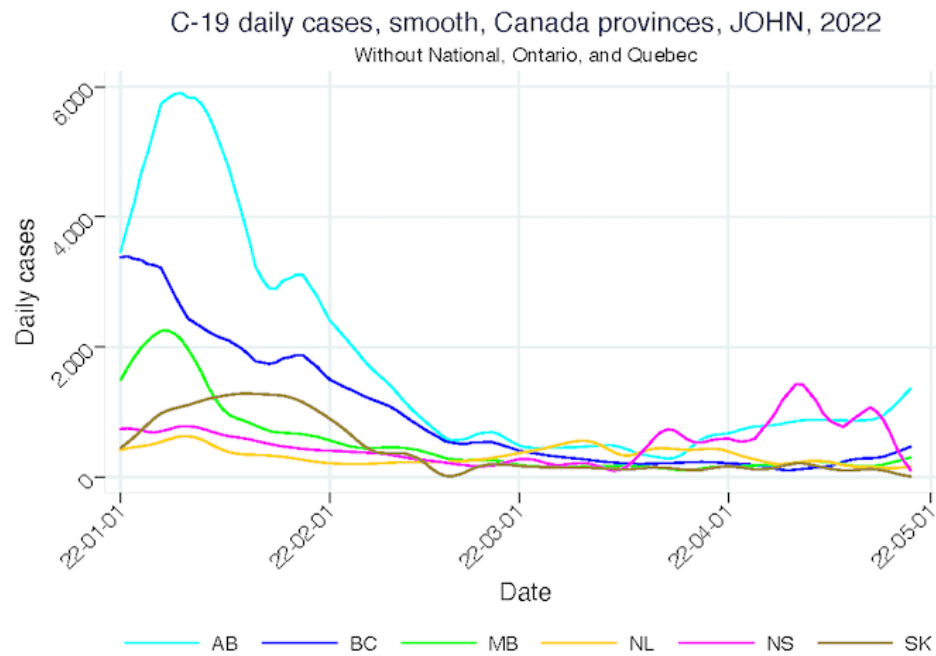
(6) Canada Provinces [Daily reported cases, JOHN, 2021 on](#)



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

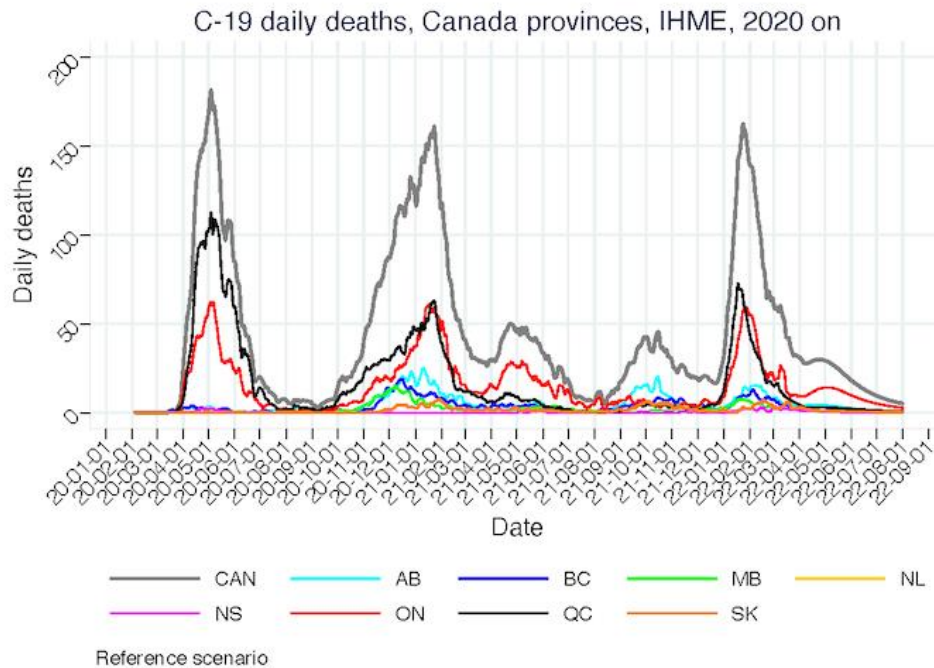


(8) Canada Provinces [Daily reported cases, without National, Ontario, and Quebec, JOHN, 2022](#)

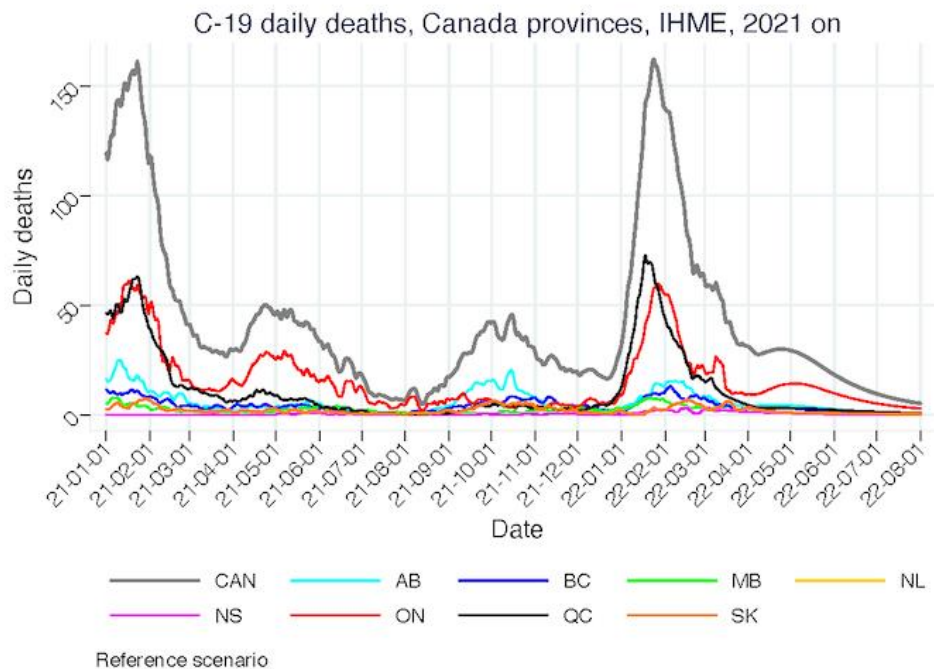


(b) Models: IHME

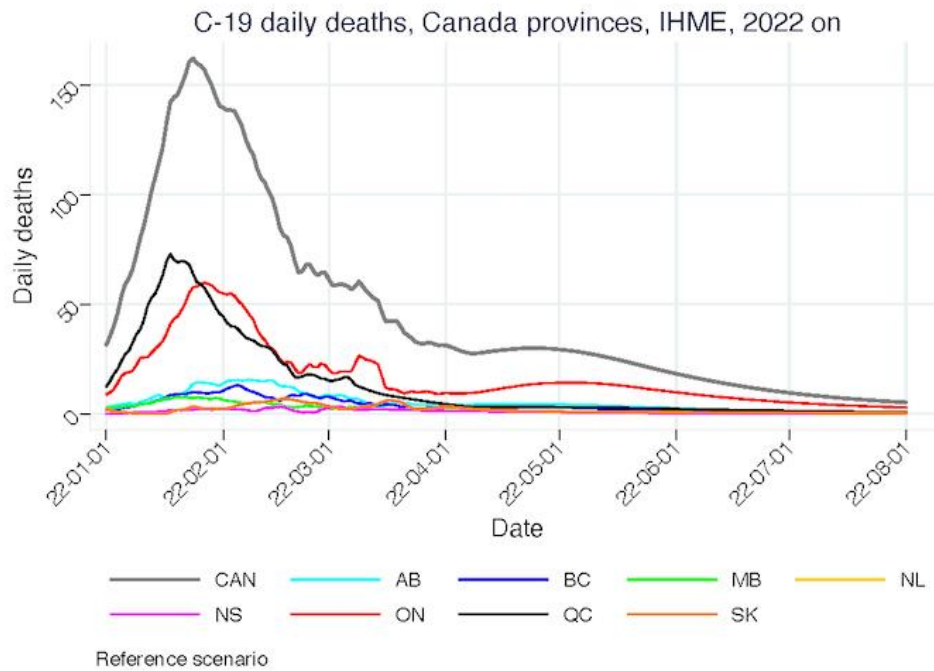
(9) Canada Provinces [Daily deaths, Reference scenario, IHME, 2020 on](#)



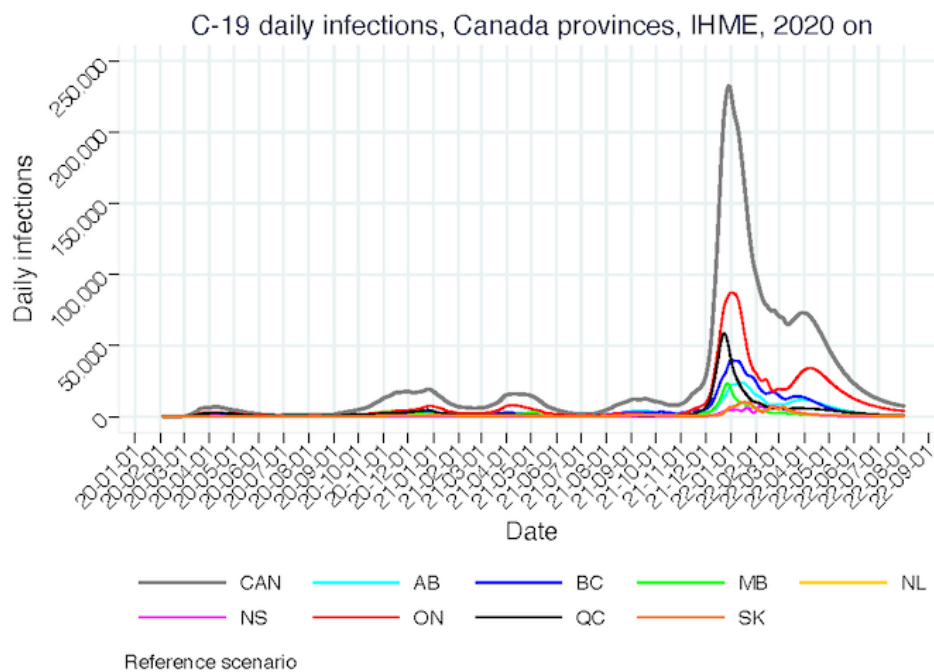
(10) Canada Provinces [Daily deaths, Reference scenario, IHME, 2021 on](#)



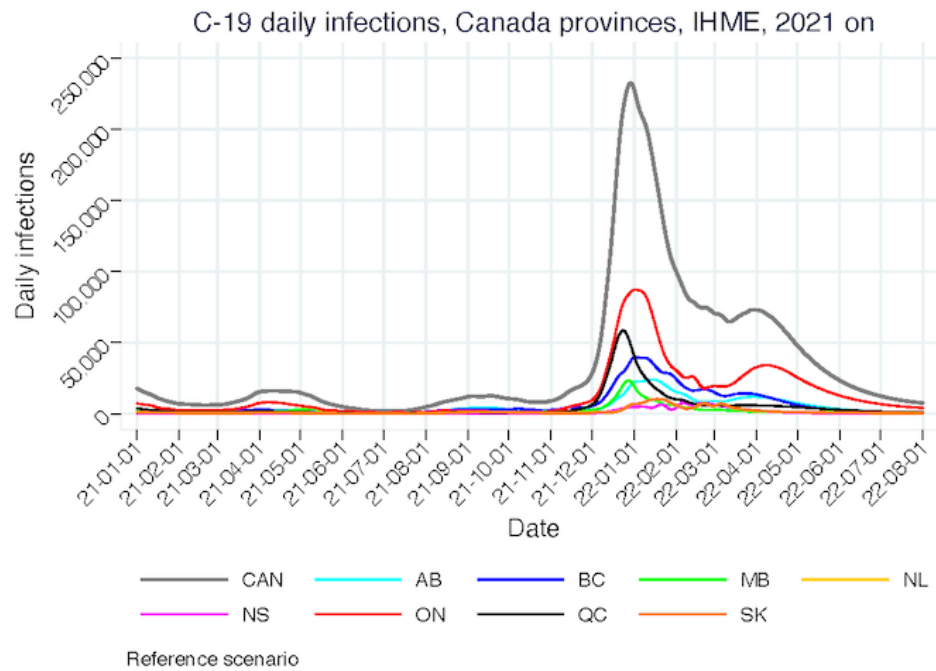
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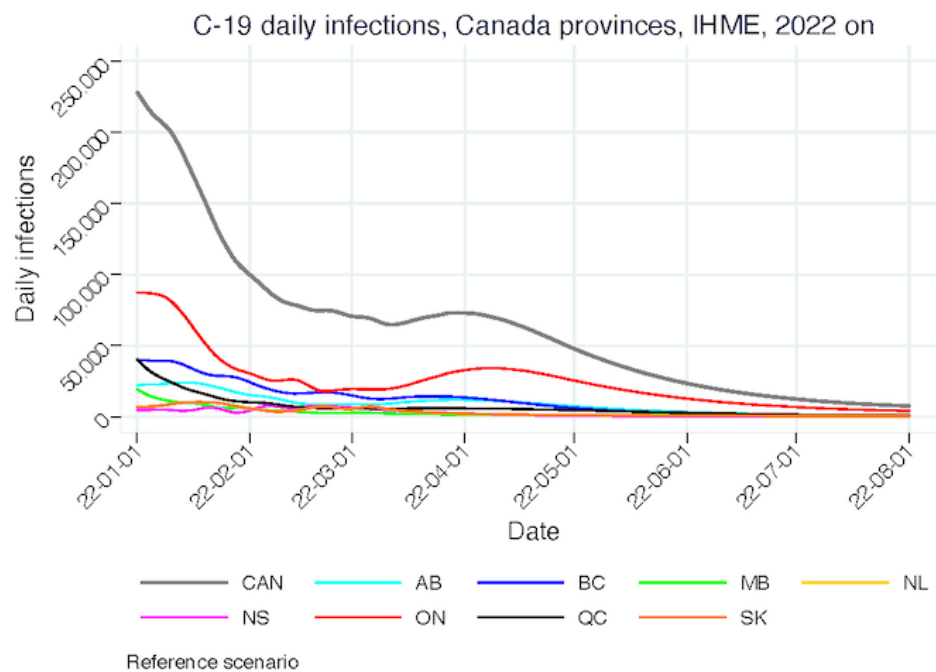
(12) Canada Provinces [Daily infections, Reference scenario, IHME, 2020 on](#)



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

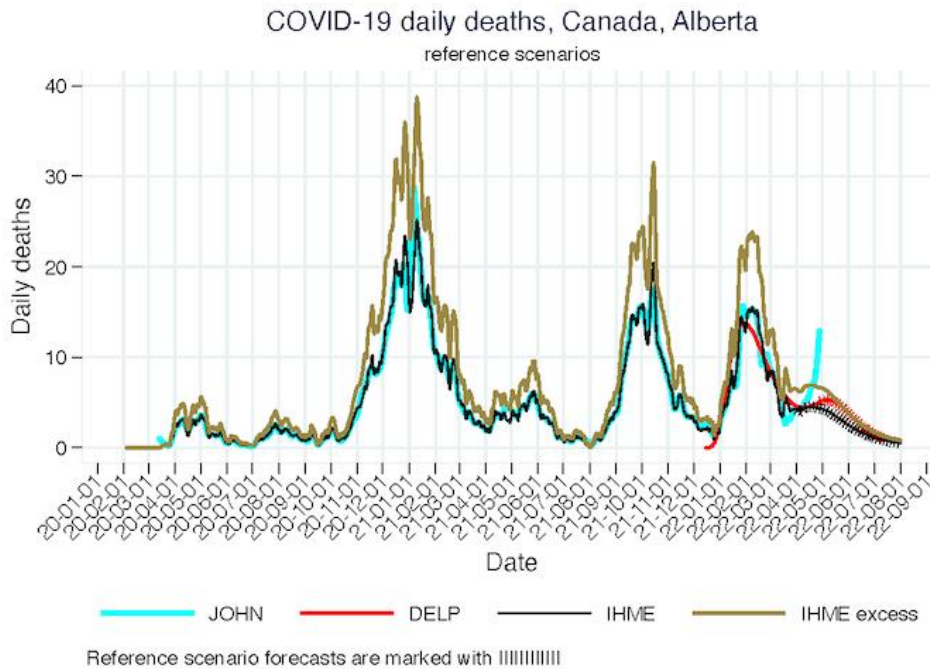


(14) Canada Provinces [Daily infections, Reference scenario, IHME, 2022](#)

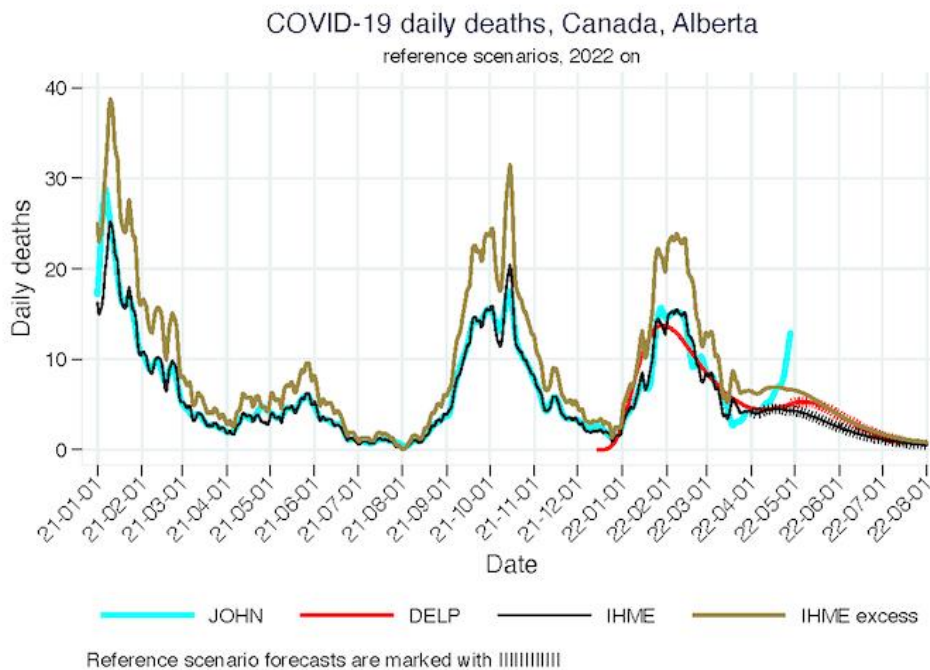


Selected graphs - Alberta

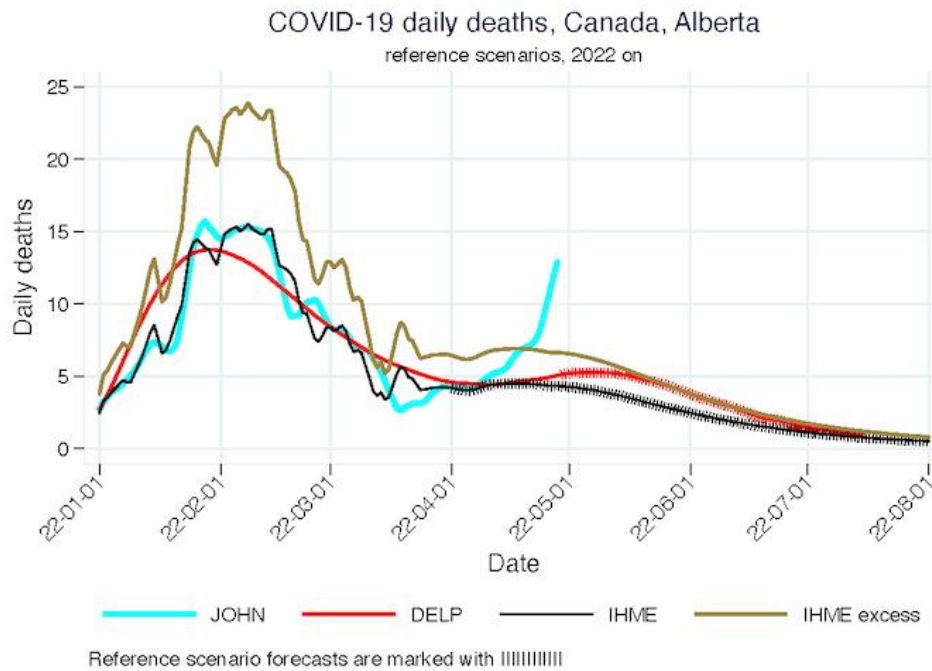
(1) Alberta [Daily deaths, Reference scenario, 2020 on](#)



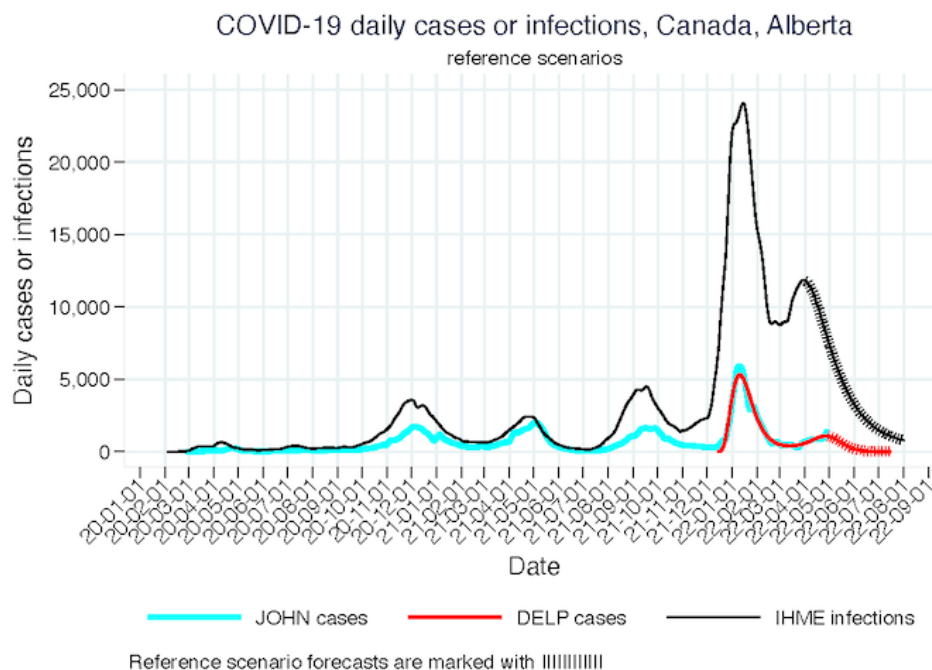
(2) Alberta [Daily deaths, Reference scenario, 2021 on](#)



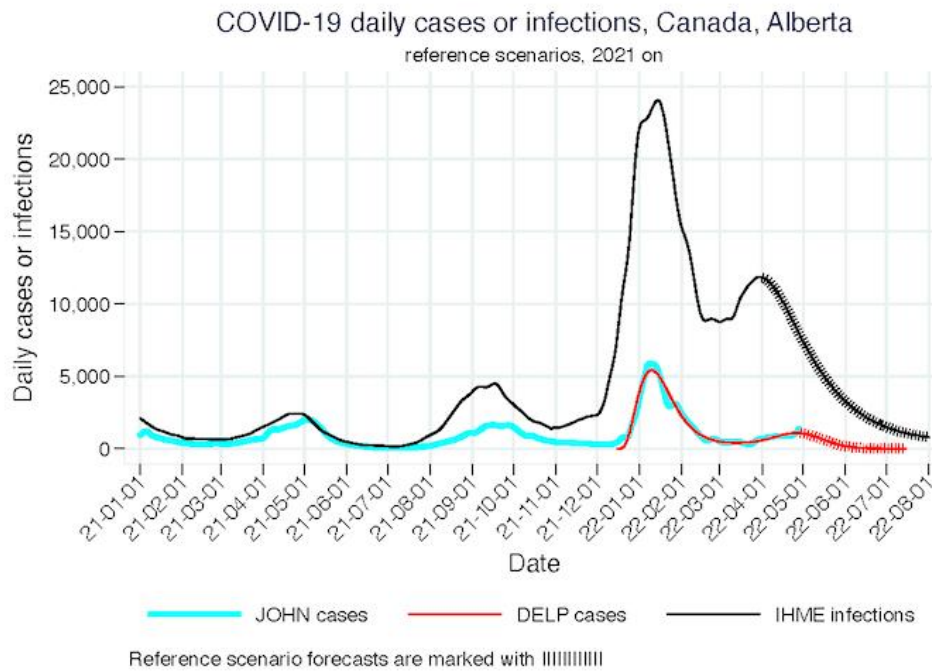
(2b) Alberta [Daily deaths, Reference scenario, 2022 on](#)



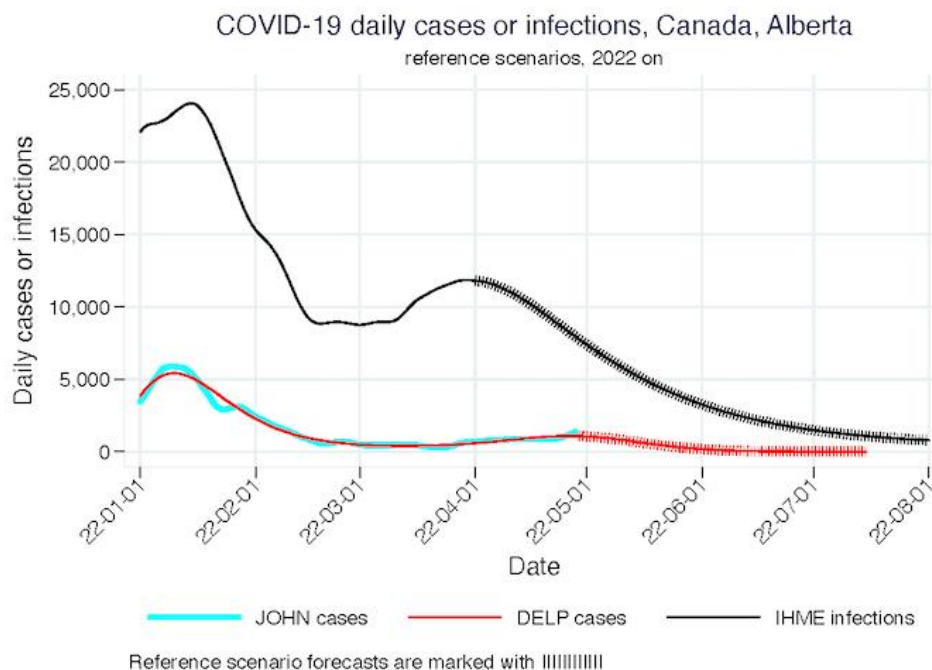
(3) Alberta [Daily cases or infections, Reference scenario, 2020 on](#)



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

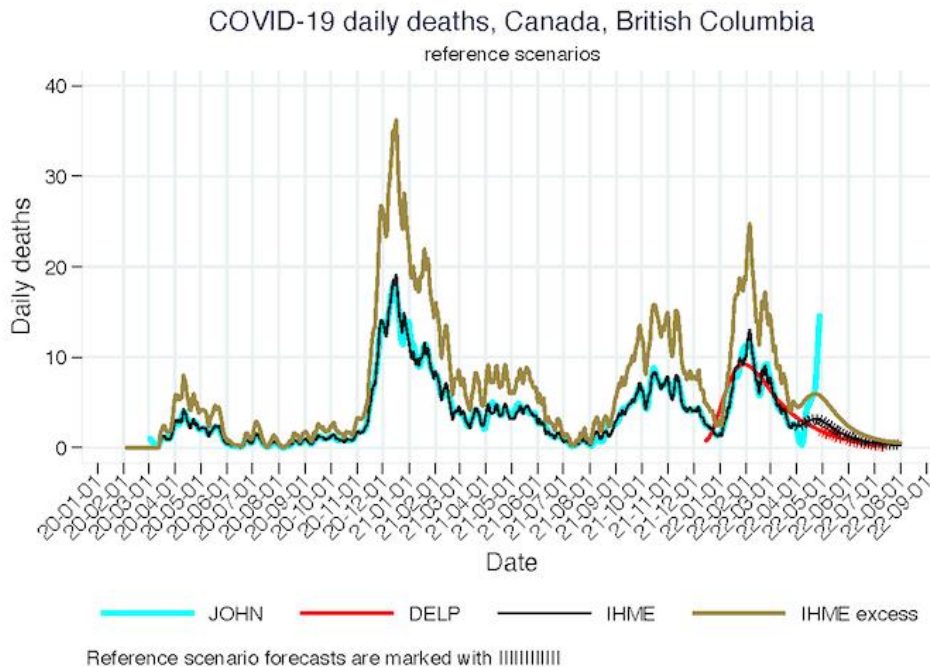


(4b) Alberta [Daily cases or infections, Reference scenario, 2022 on](#)

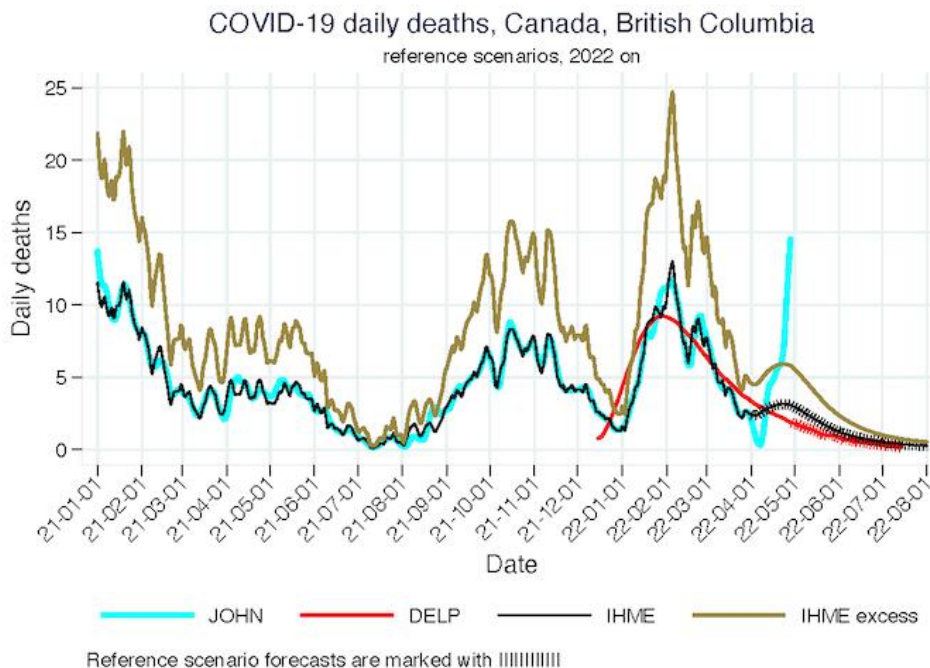


Selected graphs - British Columbia

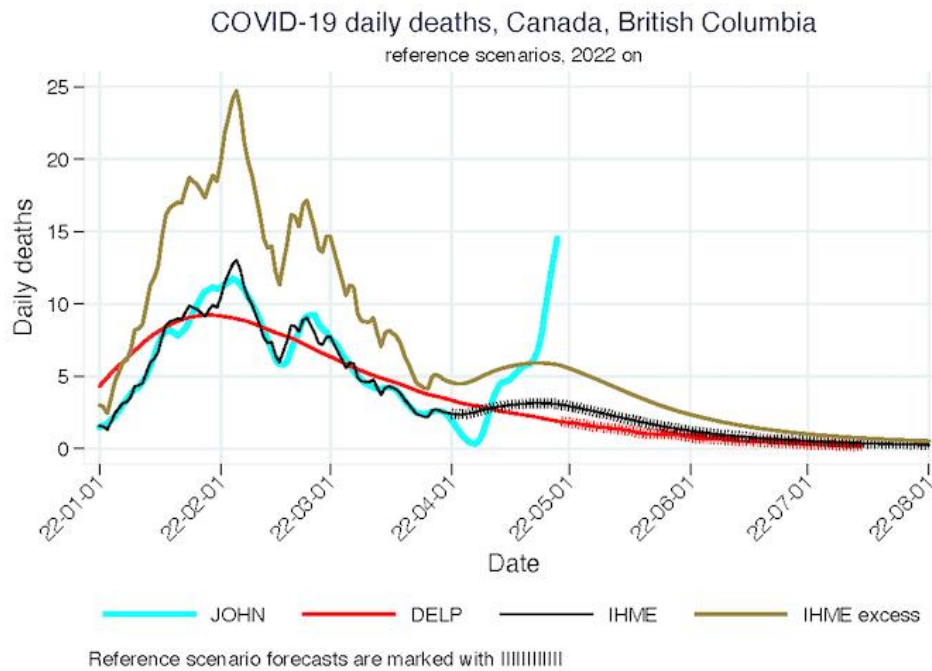
(1) British Columbia [Daily deaths, Reference scenario, 2020 on](#)



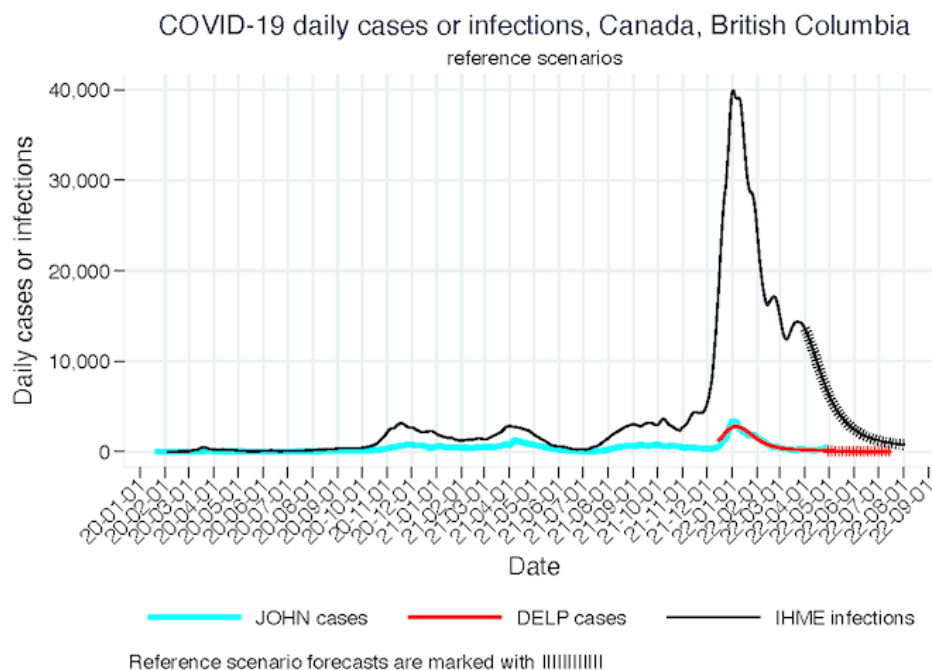
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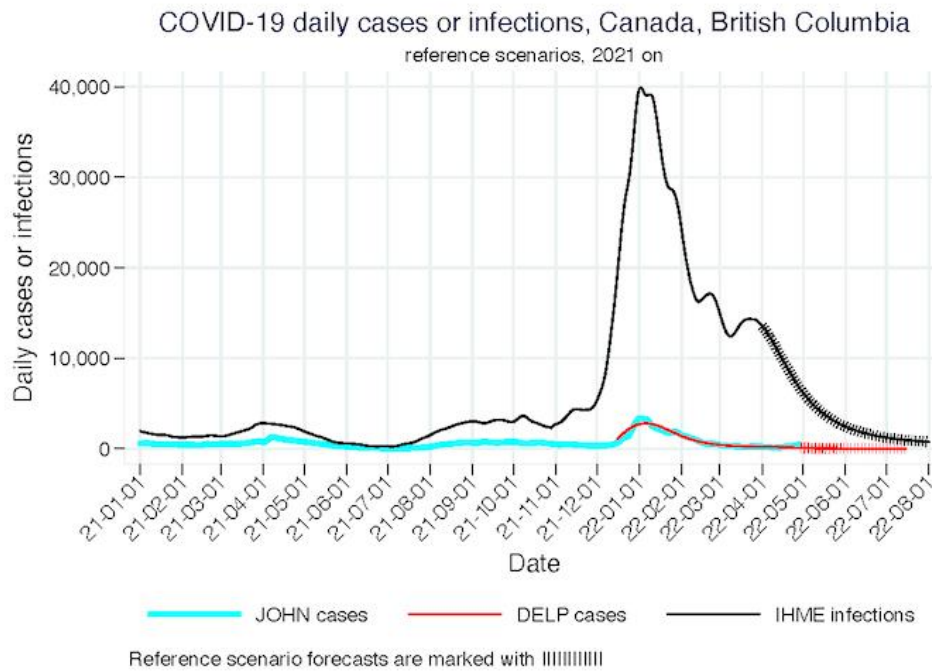
(2b) British Columbia [Daily deaths, Reference scenario, 2022 on](#)



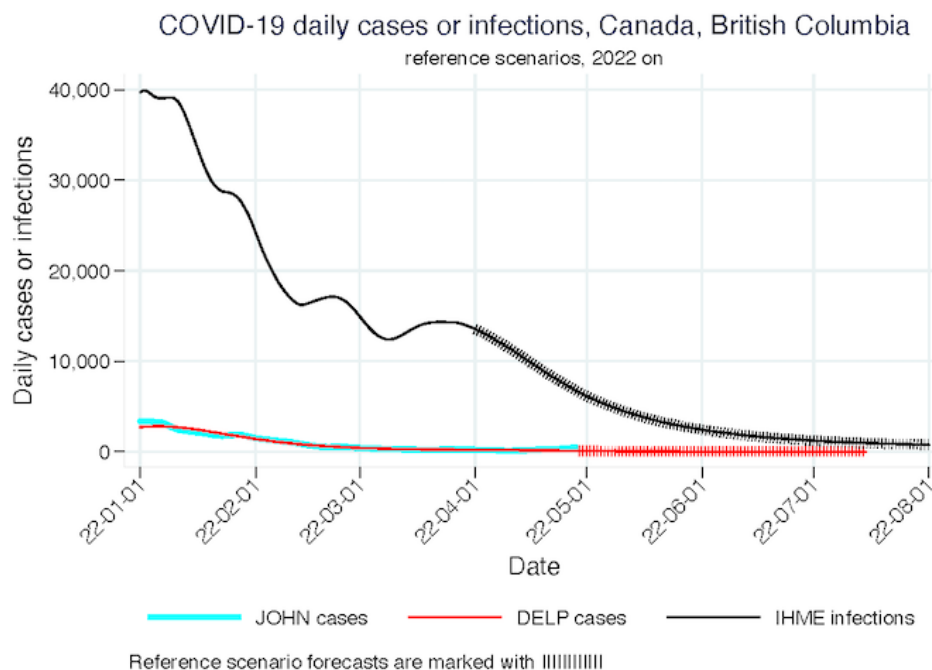
(3) British Columbia [Daily cases or infections, Reference scenario, 2020 on](#)



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

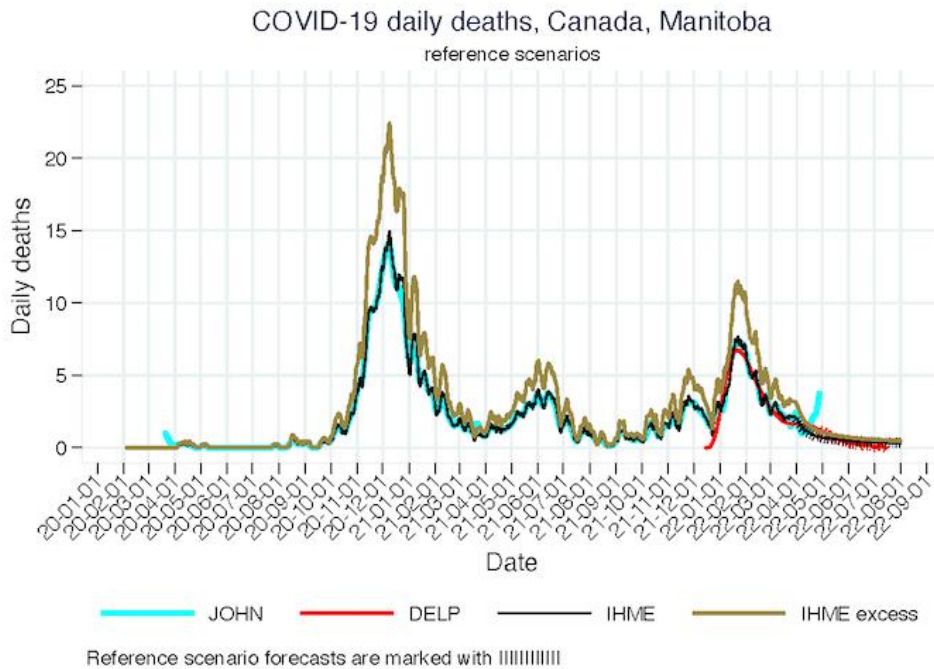


(4b) British Columbia [Daily cases or infections, Reference scenario, 2022 on](#)

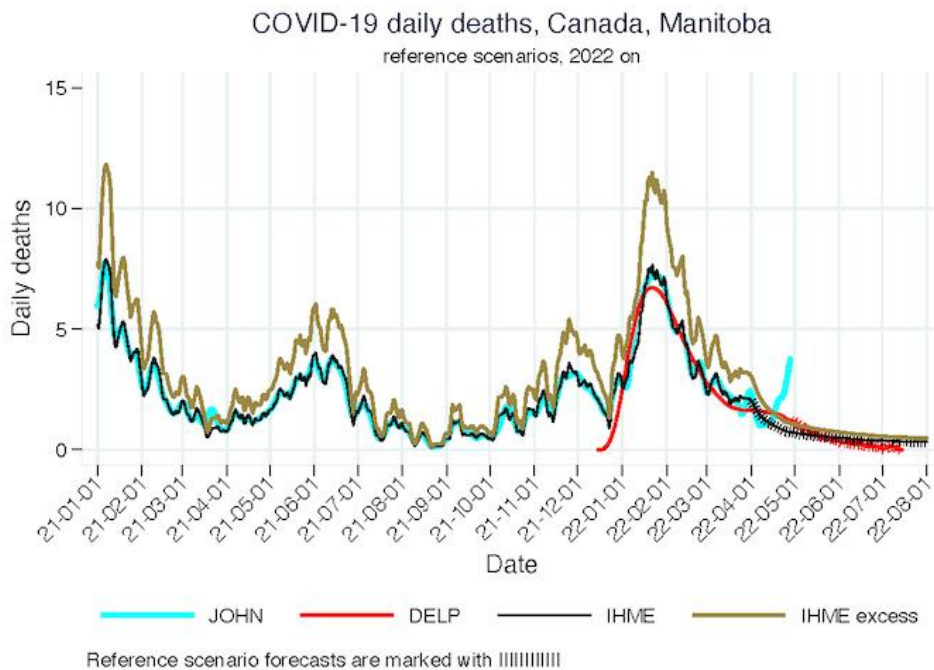


Selected graphs - Manitoba

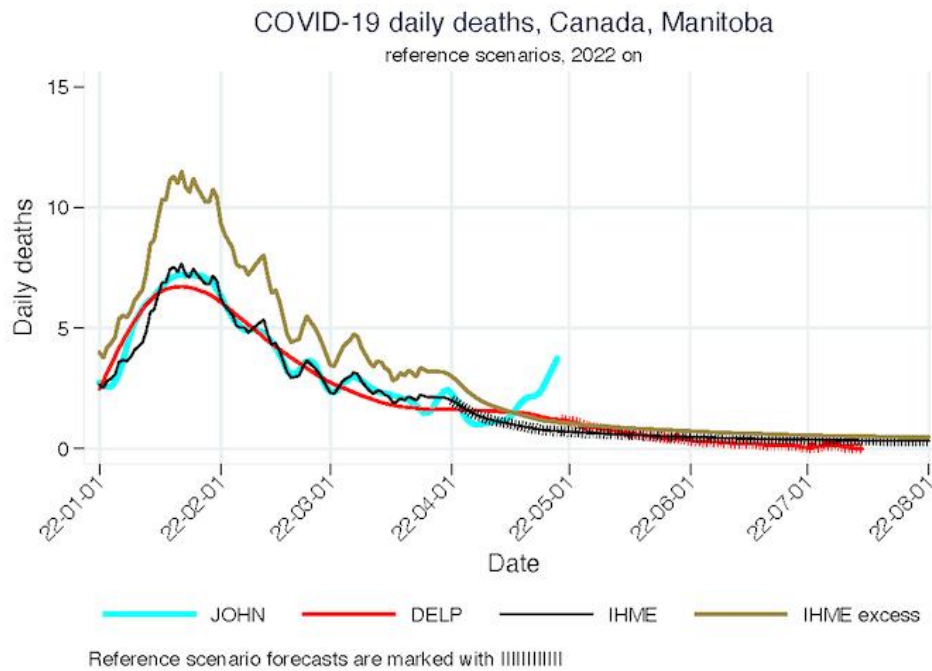
(1) Manitoba [Daily deaths, Reference scenario, 2020 on](#)



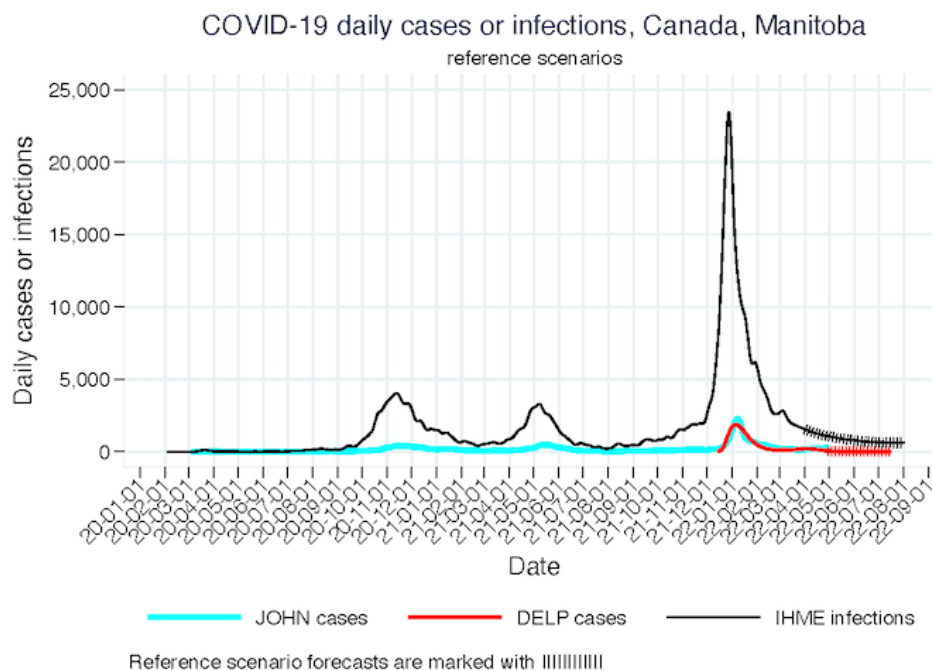
(2) Manitoba [Daily deaths, Reference scenario, 2021 on](#)



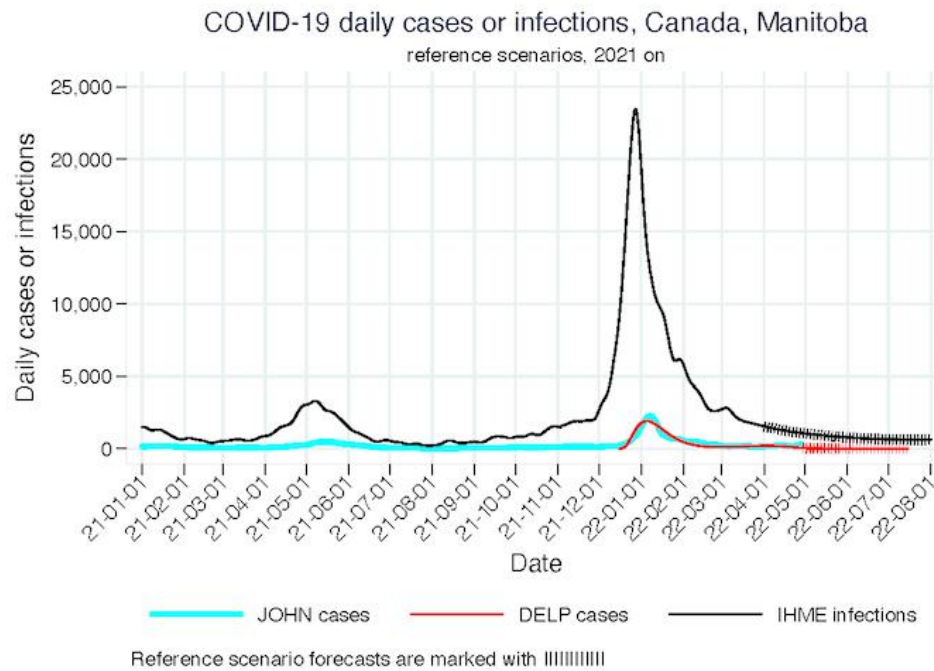
(2b) Manitoba [Daily deaths, Reference scenario, 2022 on](#)



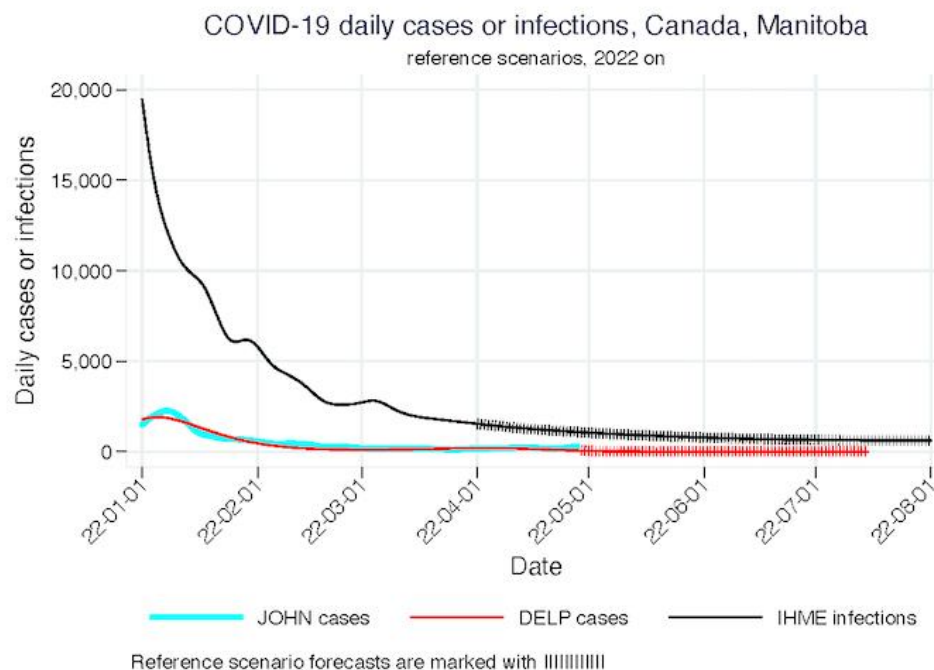
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(4) Manitoba [Daily cases or infections, Reference scenario, 2021 on](#)

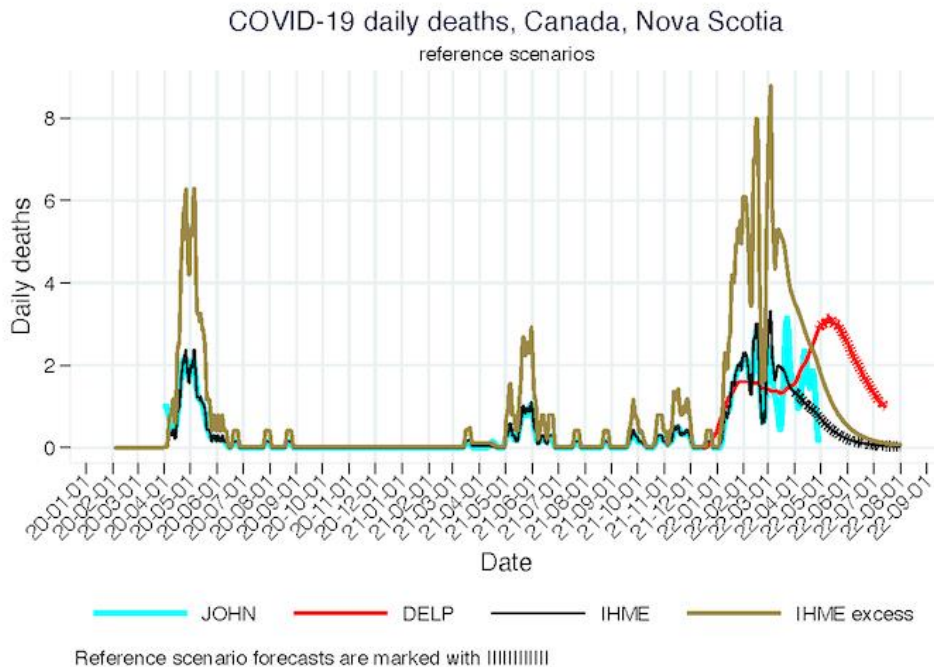


(4b) Manitoba [Daily cases or infections, Reference scenario, 2022 on](#)

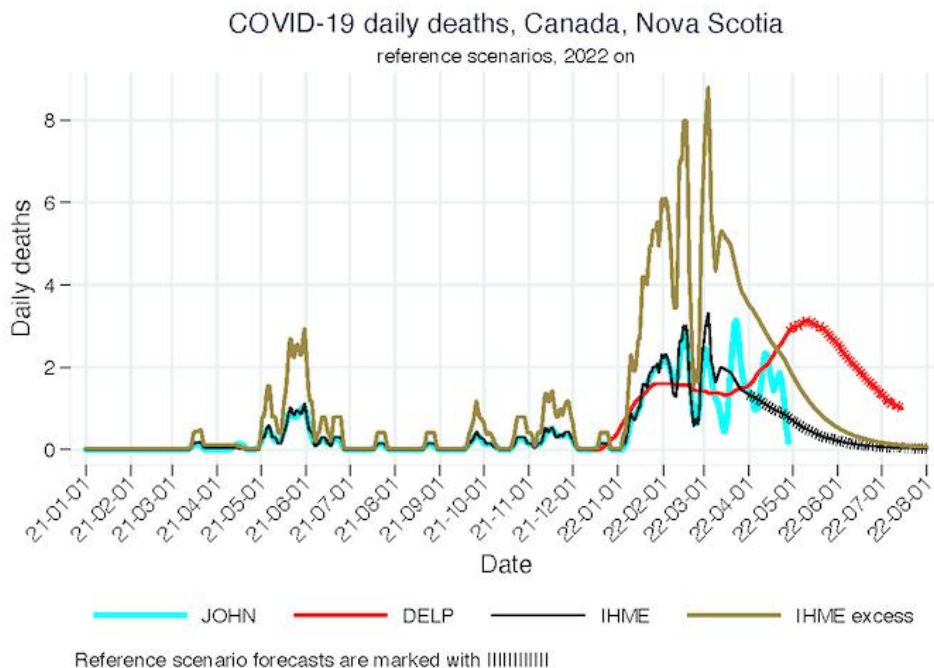


Selected graphs - Nova Scotia

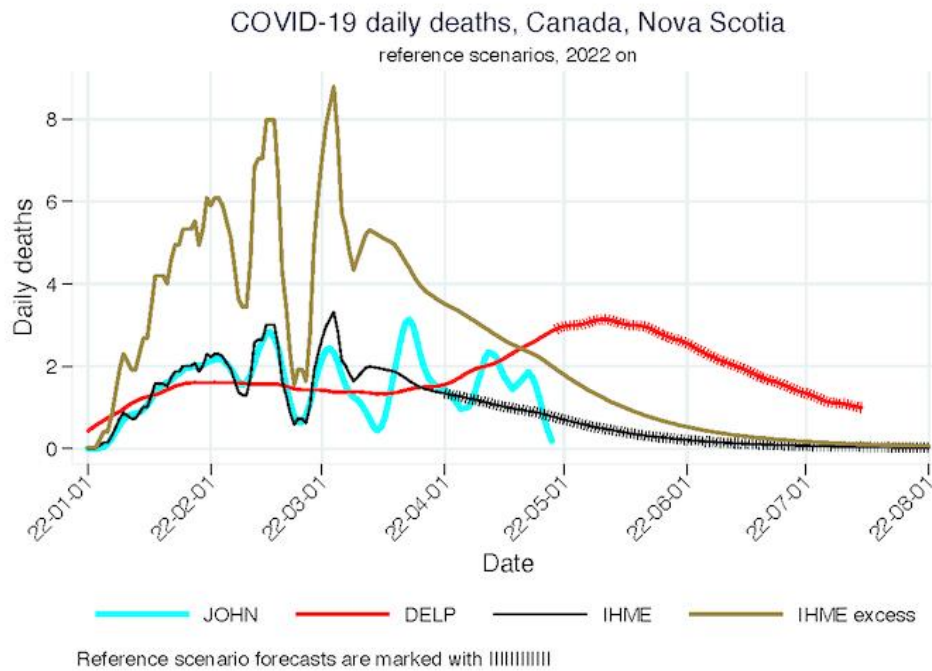
(1) Nova Scotia [Daily deaths, Reference scenario, 2020 on](#)



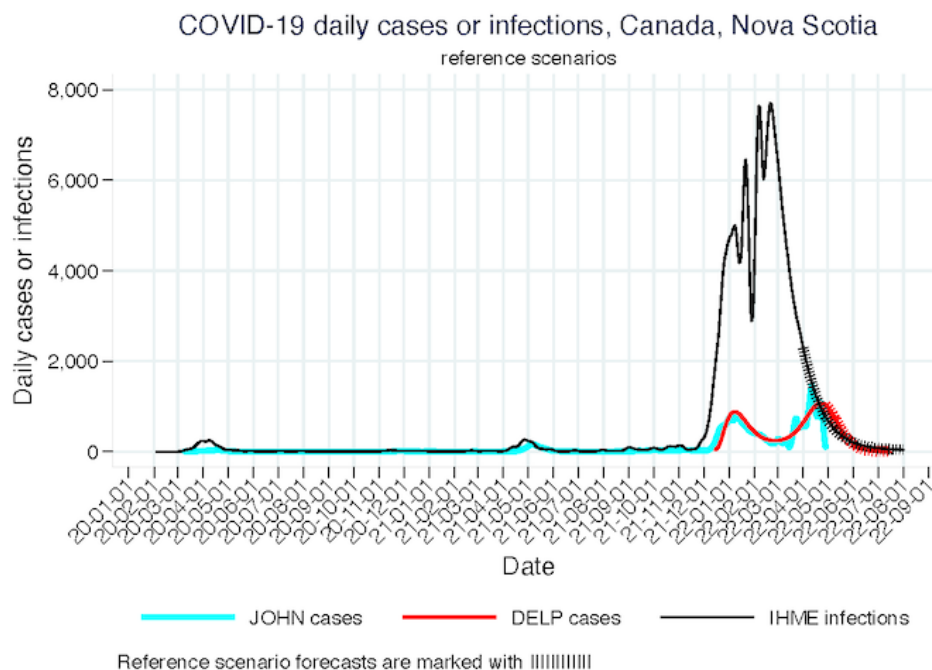
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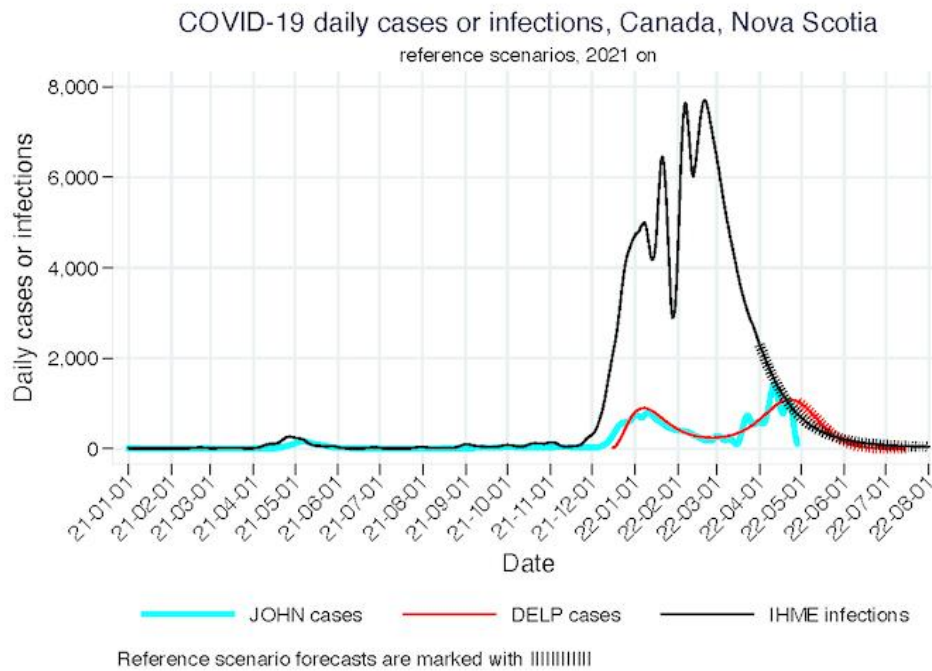
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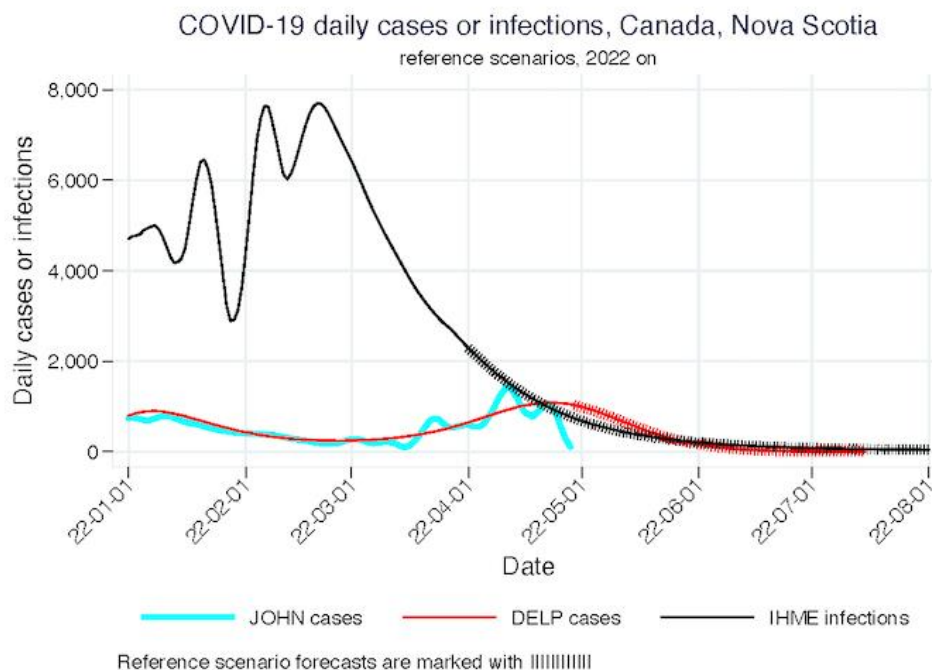
(3) Nova Scotia [Daily cases or infections, Reference scenario, 2020 on](#)



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

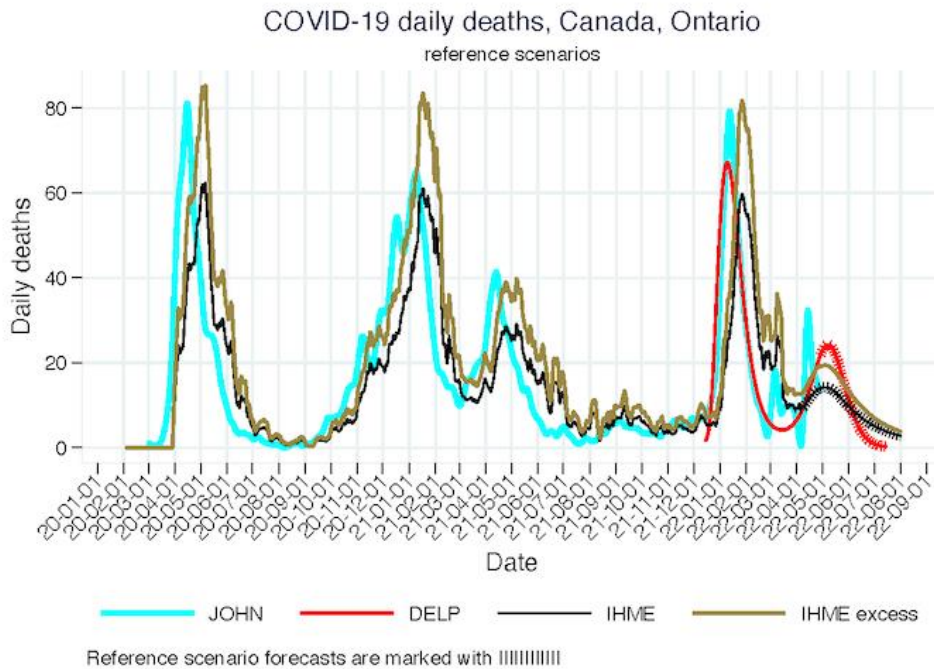


(4b) Nova Scotia [Daily cases or infections, Reference scenario, 2022 on](#)

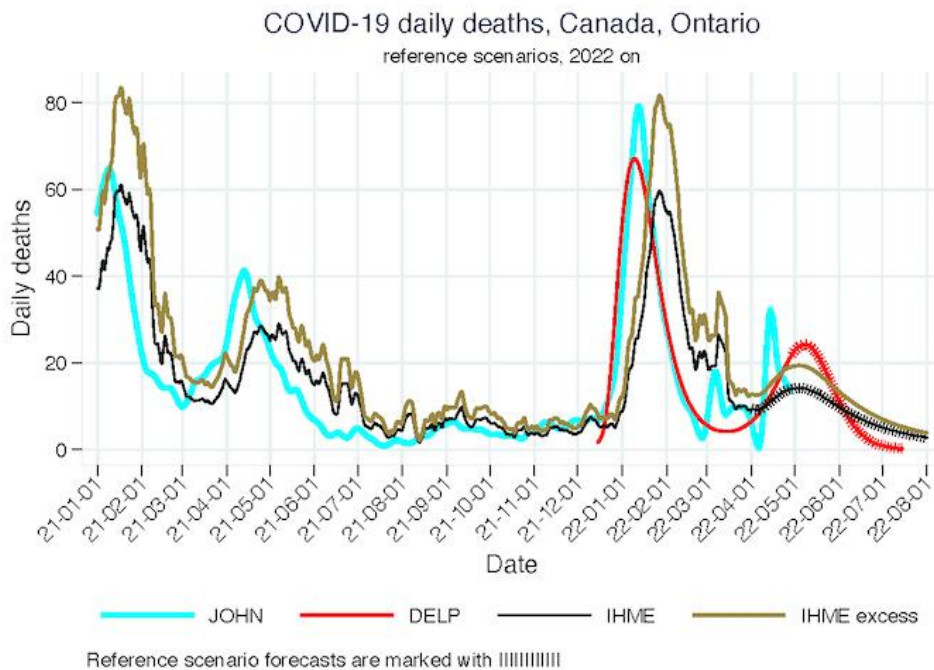


Selected graphs - Ontario

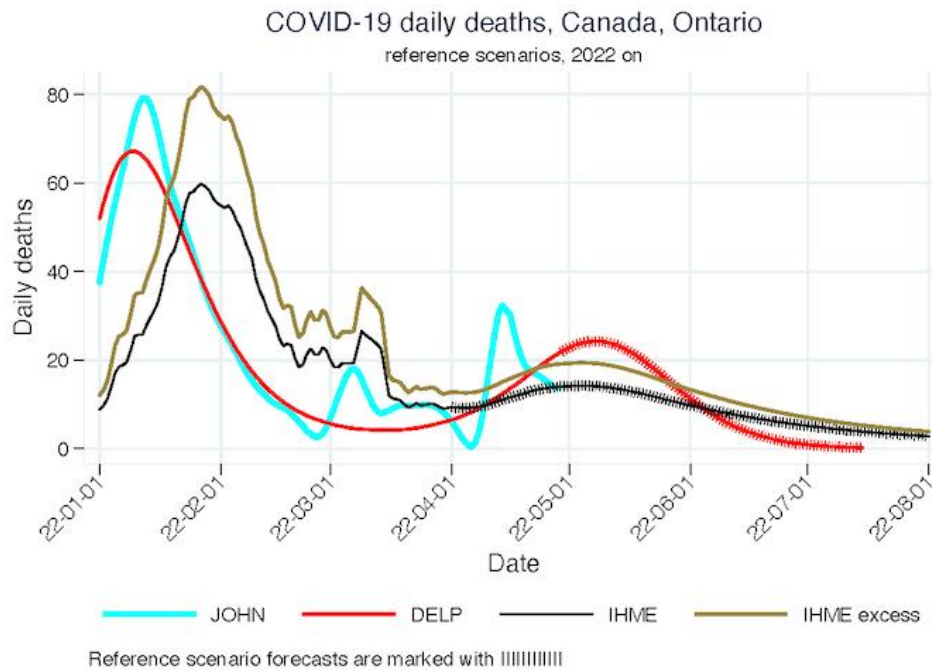
(1) Ontario [Daily deaths, Reference scenario, 2020 on](#)



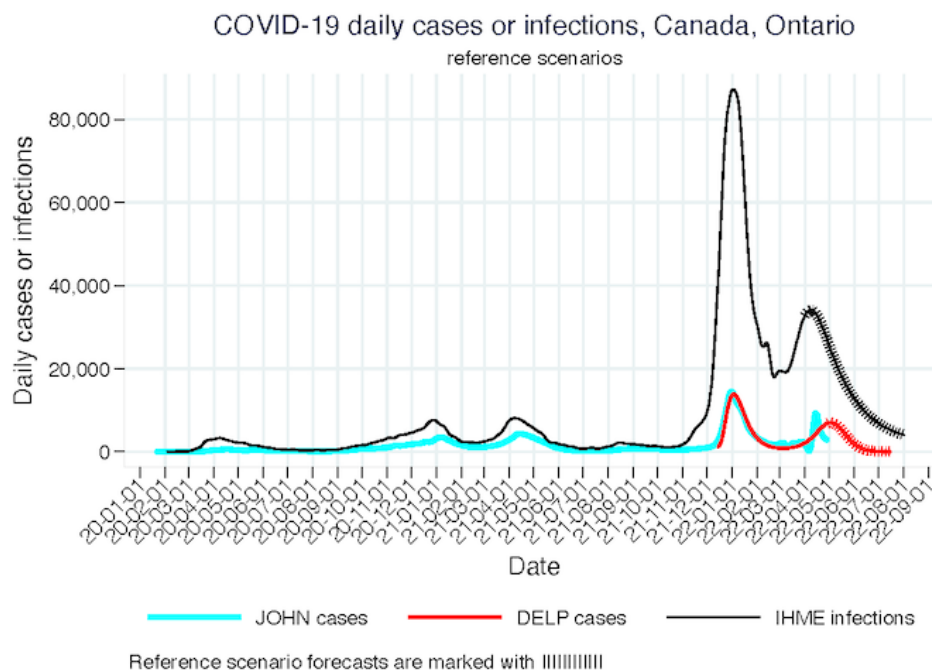
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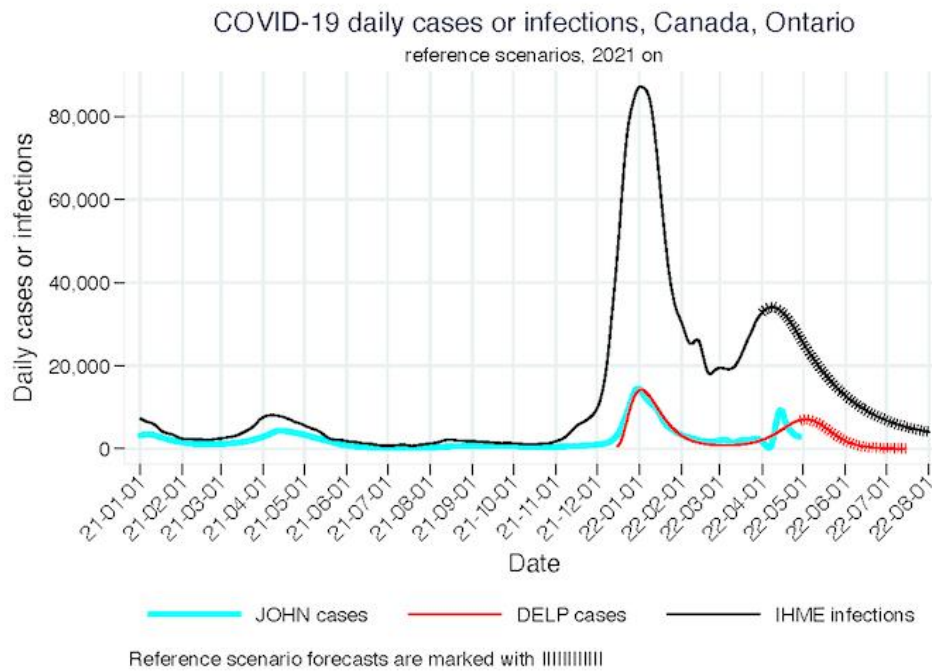
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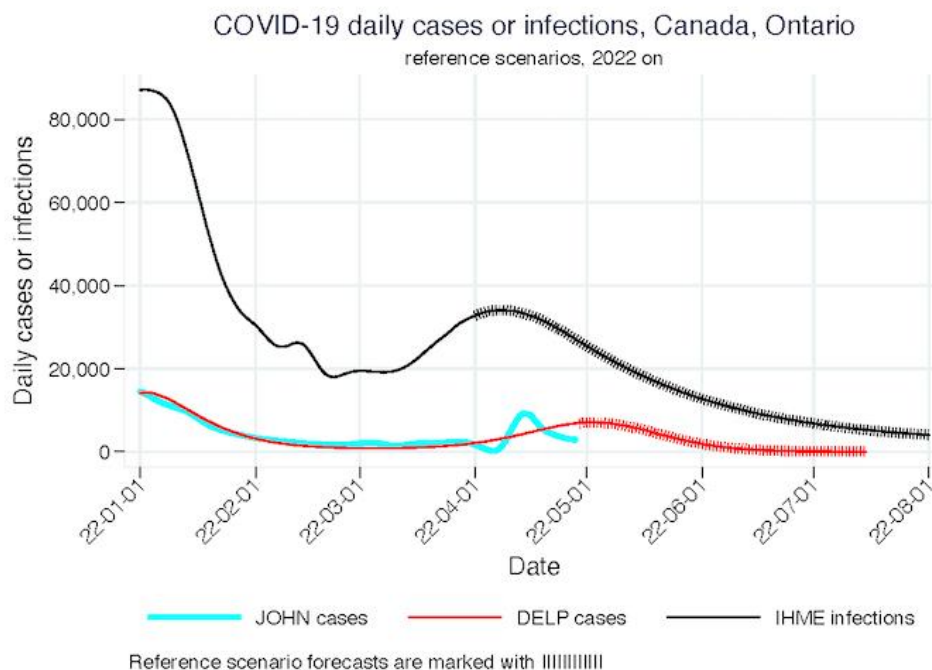
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(4) Ontario [Daily cases or infections, Reference scenario, 2021 on](#)

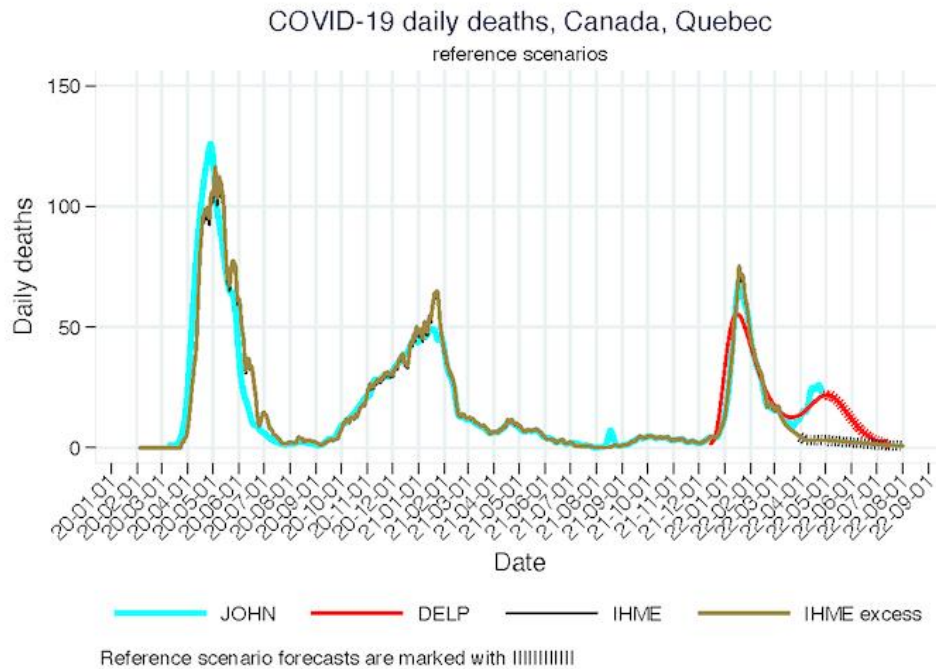


(4b) Ontario [Daily cases or infections, Reference scenario, 2022 on](#)

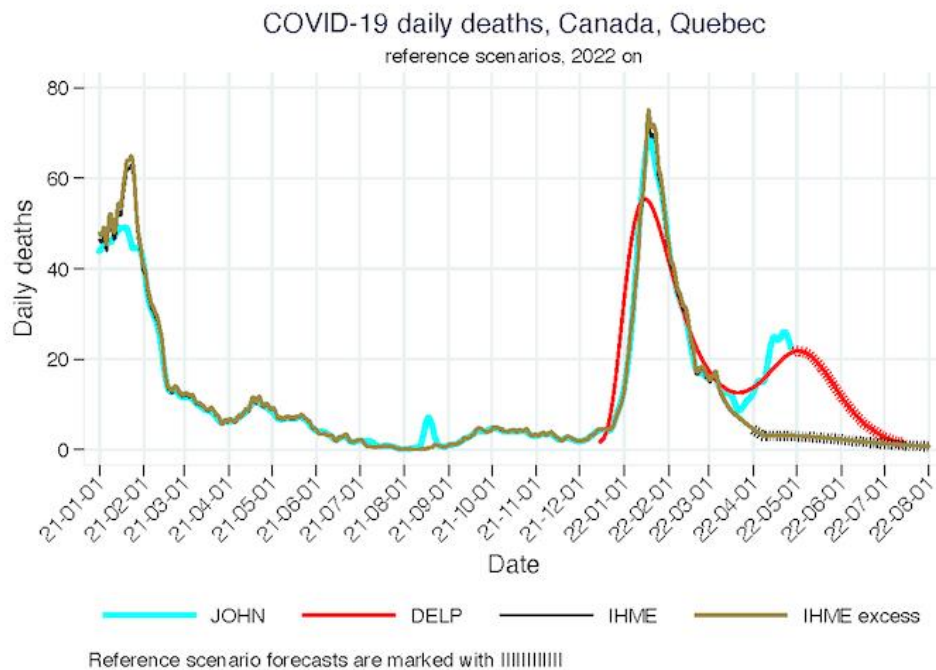


Selected graphs - Quebec

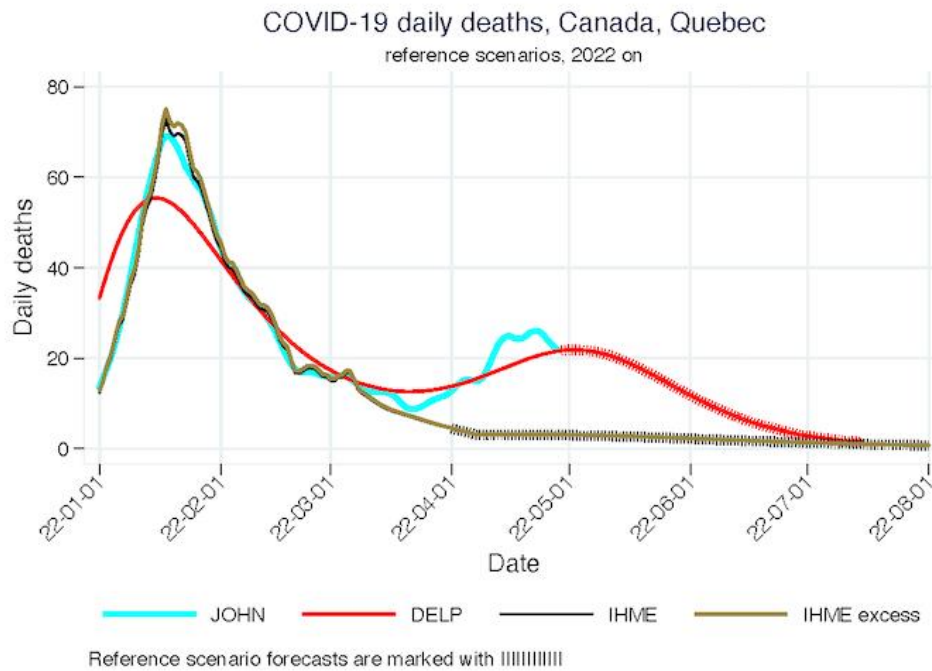
(1) Quebec [Daily deaths, Reference scenario, 2020 on](#)



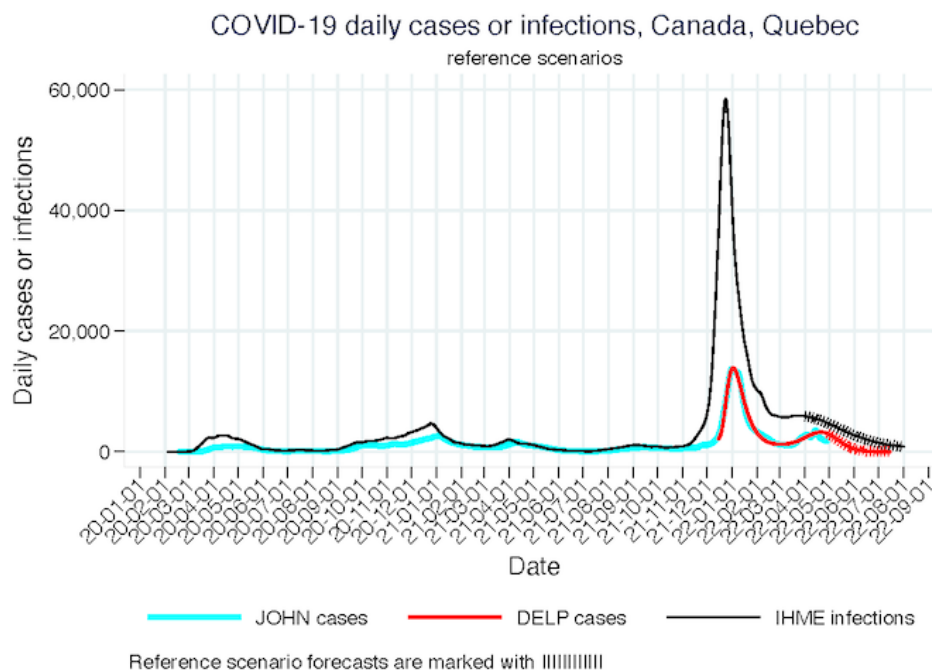
(2) Quebec [Daily deaths, Reference scenario, 2021 on](#)



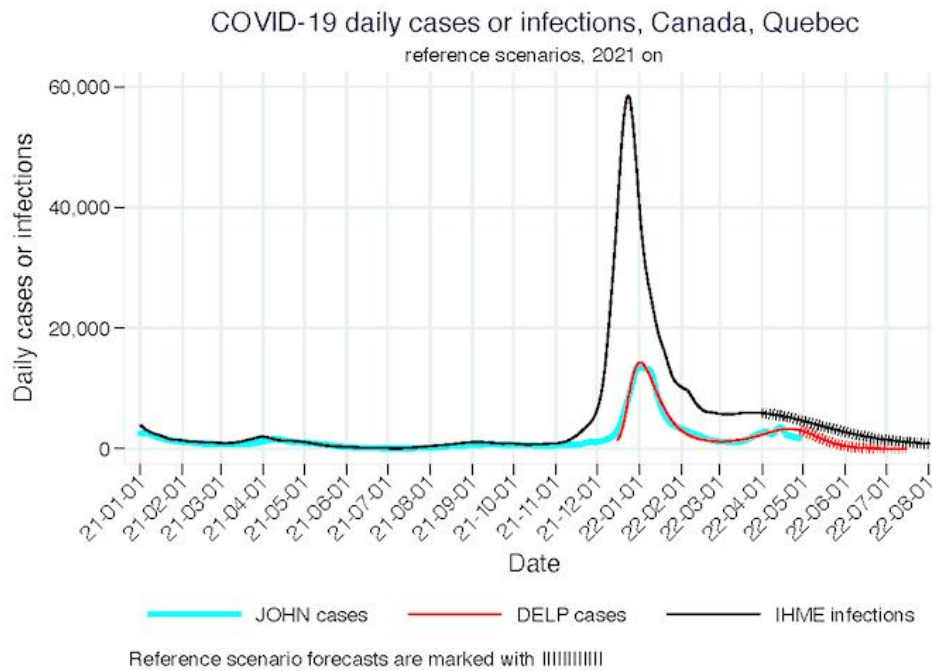
(2b) Quebec [Daily deaths, Reference scenario, 2022 on](#)



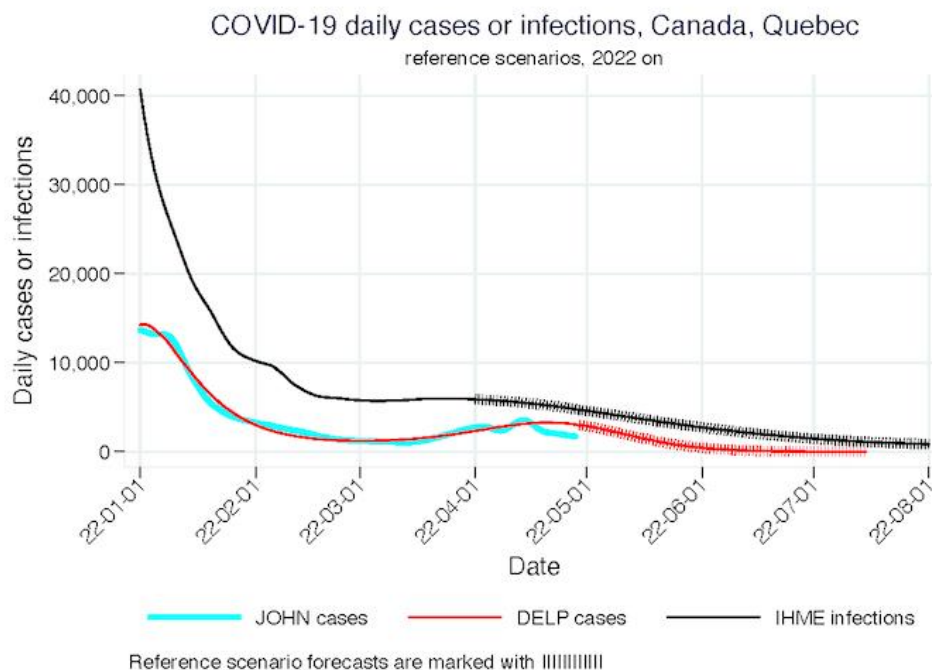
(3) Quebec [Daily cases or infections, Reference scenario, 2020 on](#)



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

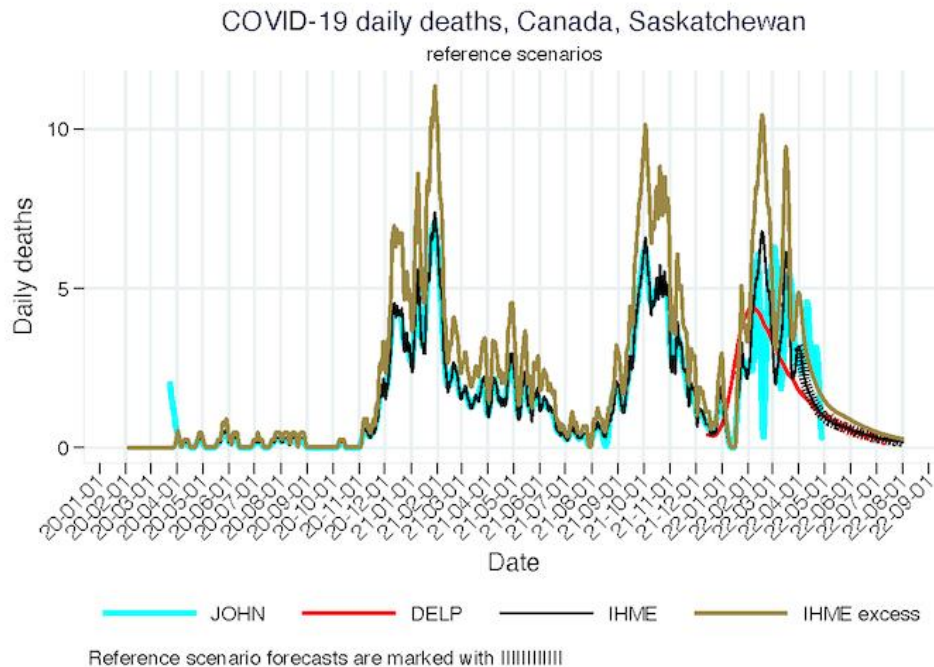


(4b) Quebec [Daily cases or infections, Reference scenario, 2022 on](#)

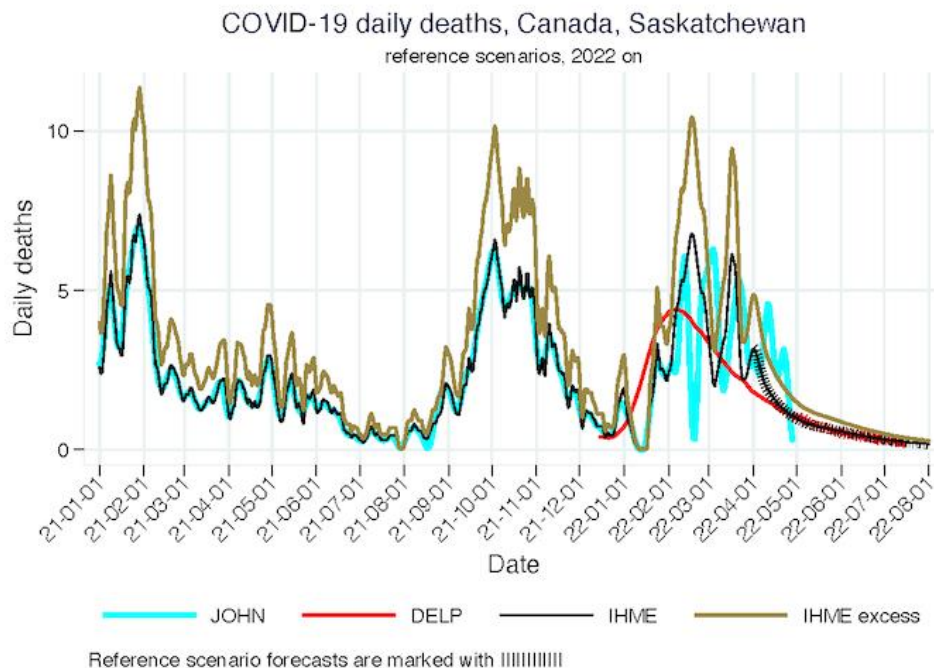


Selected graphs - Saskatchewan

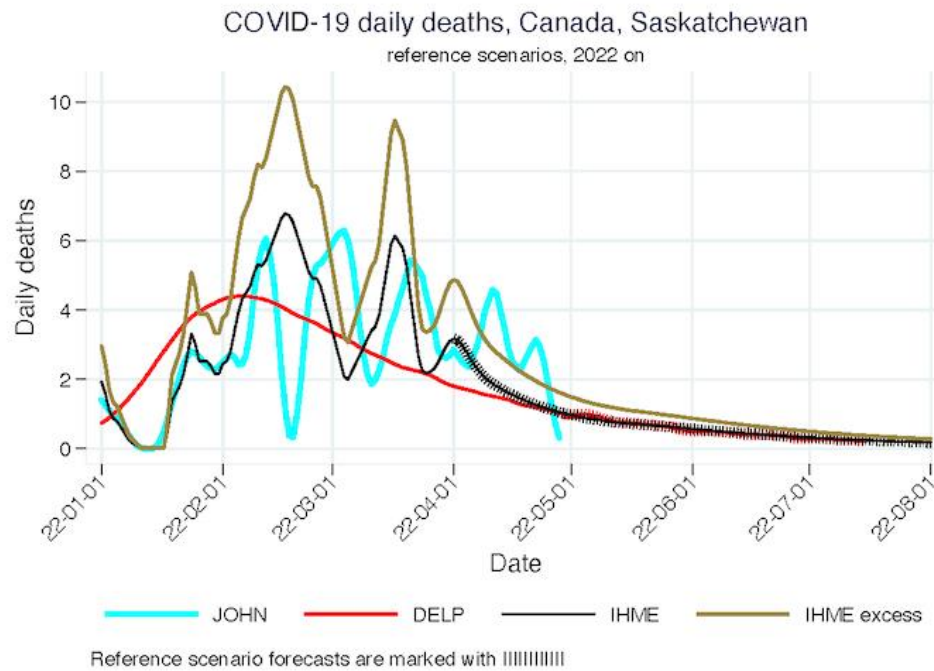
(1) Saskatchewan [Daily deaths, Reference scenario, 2020 on](#)



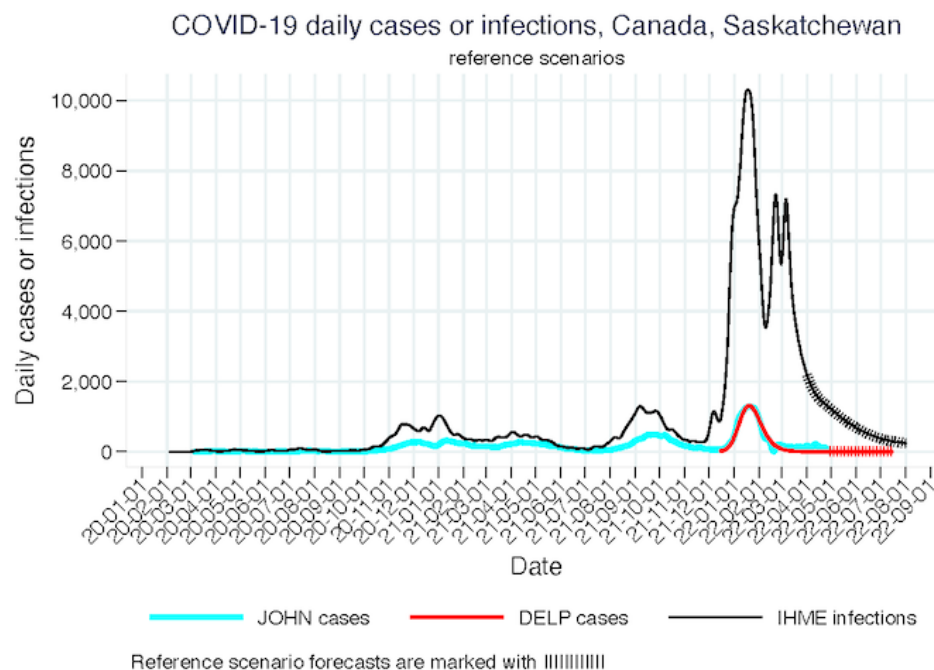
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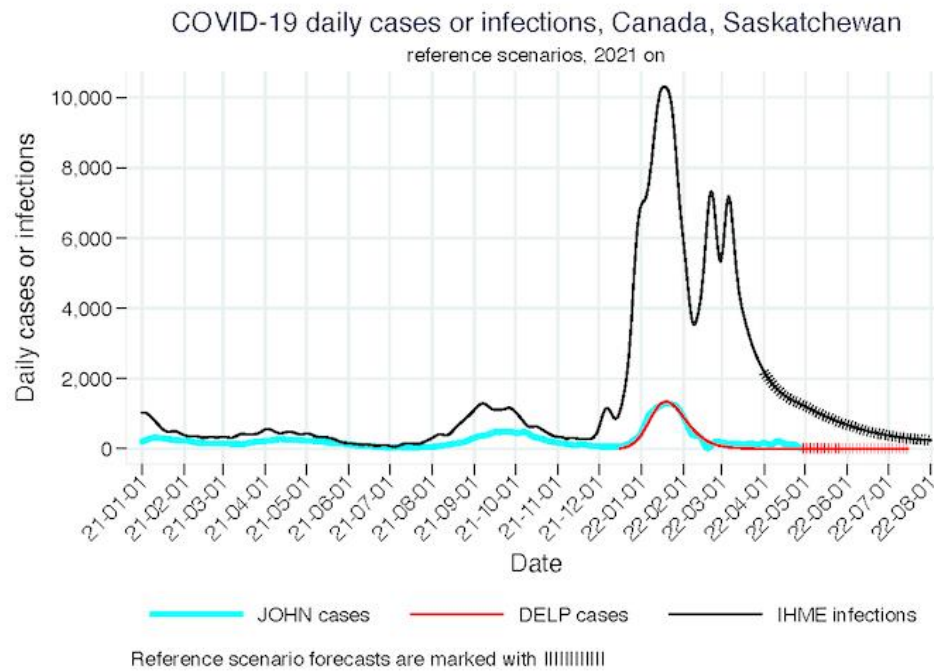
(2b) Saskatchewan [Daily deaths, Reference scenario, 2022 on](#)



(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](#)

