Canada COVID-19 epidemic models situation report No 57 - 2022-07-29

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

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

Study update dates in uptake 20220729

DELP 20220719, IHME 20220719, NO IMPE, *SRIV 20220728*

Days old: DELP 10, IHME 10, IMPE > 2 weeks, SRIV 1

Latest models' updates > 2 weeks are 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

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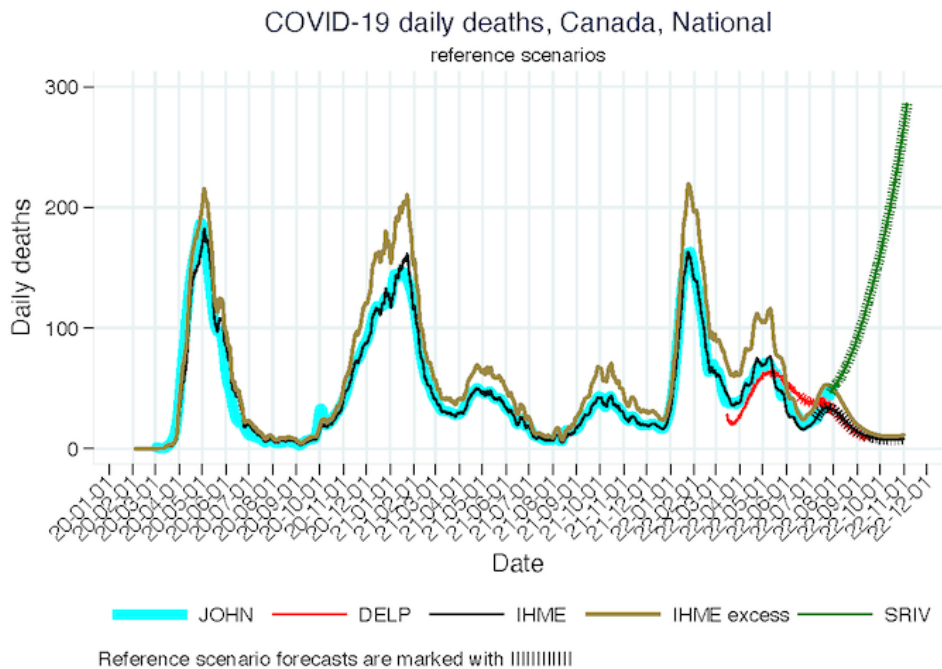
Selected graphs - Canada, National

(1) Canada Daily deaths, Reference scenarios, 2020 on

COVID-19 daily deaths, Canada, National
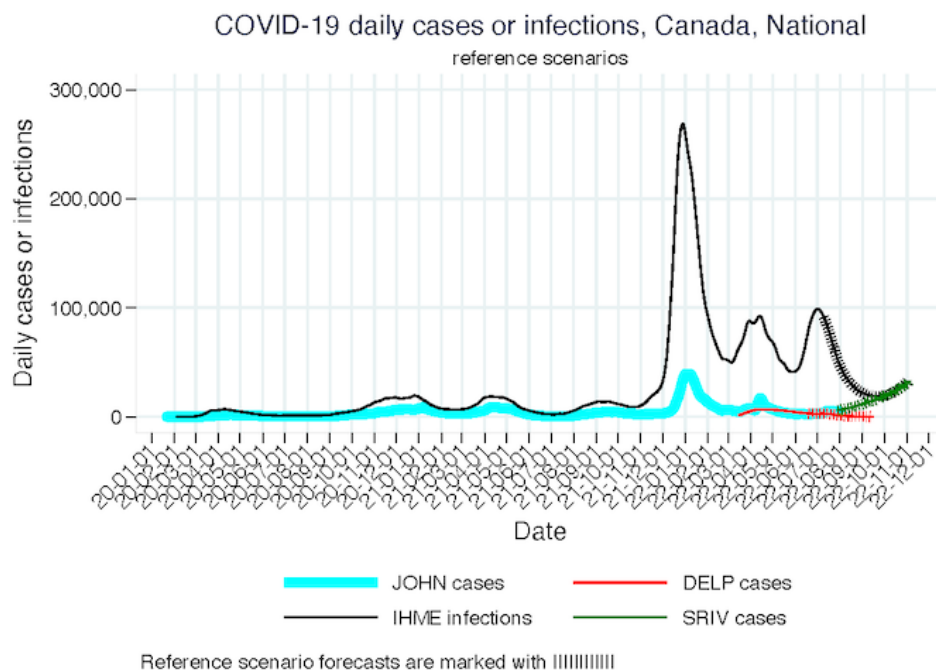reference scenarios

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

(2b) Canada National Daily deaths, All scenarios, 2022 on
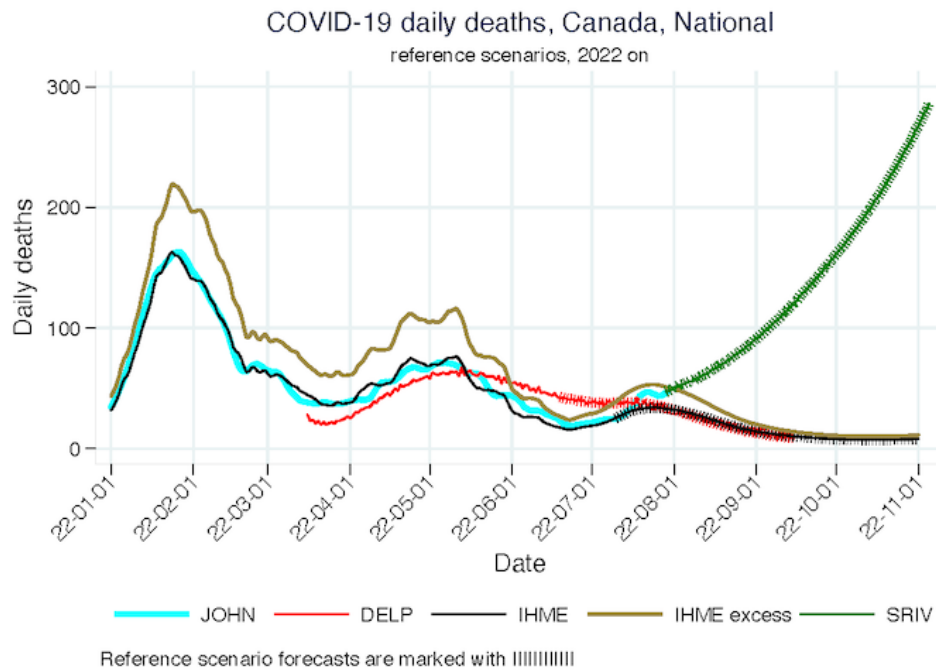
COVID-19 daily deaths, Canada, National
reference scenarios, 2022 on

Legend: JOHN — DELP — IHME — IHME excess — SRIV

Reference scenario forecasts are marked with llllllllllll

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

COVID-19 daily cases or infections, Canada, National
reference scenarios

Legend: JOHN cases — DELP cases — IHME infections — SRIV cases

Reference scenario forecasts are marked with llllllllllll

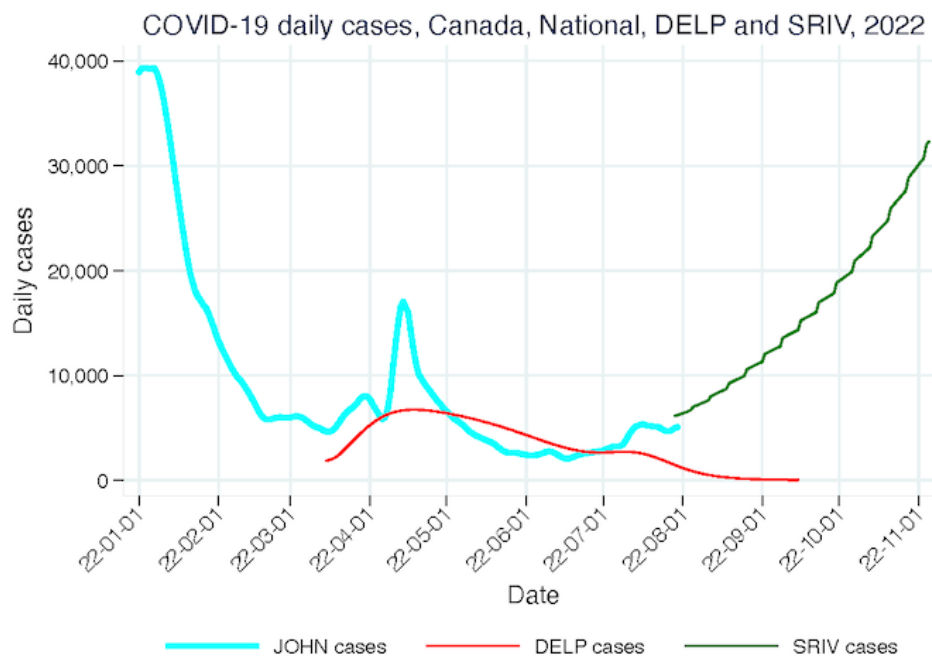(4) Canada National Daily cases or infections, All scenarios, 2021 on

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

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

COVID-19 daily cases, Canada, National, DELP and SRIV, 2022

(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](#)

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

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

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

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

Selected graphs - Canada, Provinces together

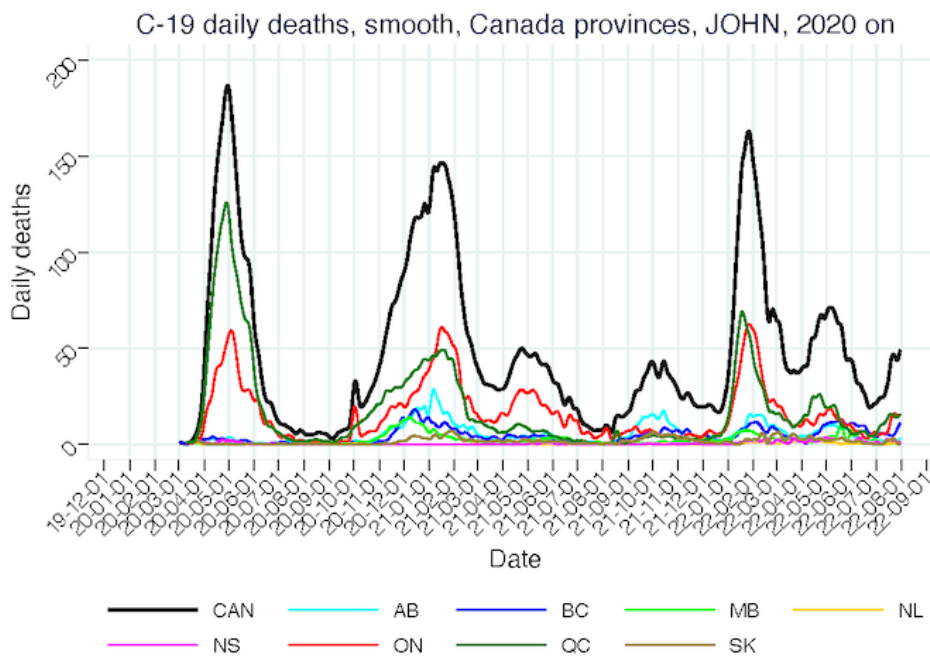(a) Official reports to WHO, via JOHN || (b) Models: IHME
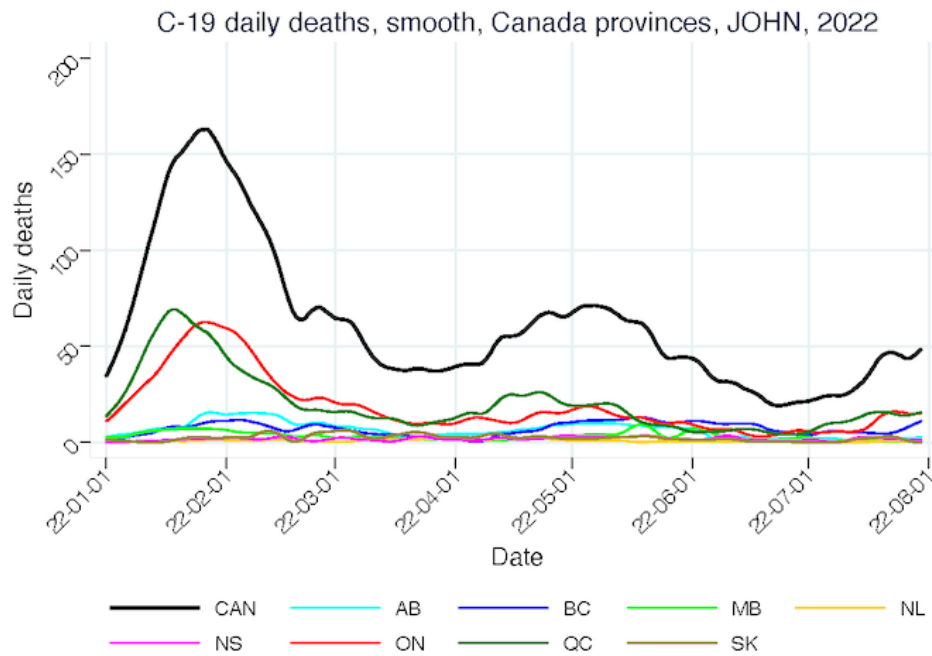
(a) Official reports to WHO, via JOHN

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

C-19 daily deaths, smooth, Canada provinces, JOHN, 2020 on

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

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

C-19 daily deaths, smooth, Canada provinces, JOHN, 2022

(4) Canada Provinces [Daily reported deaths, without National, Ontario, and Quebec, JOHN, 2022](#)
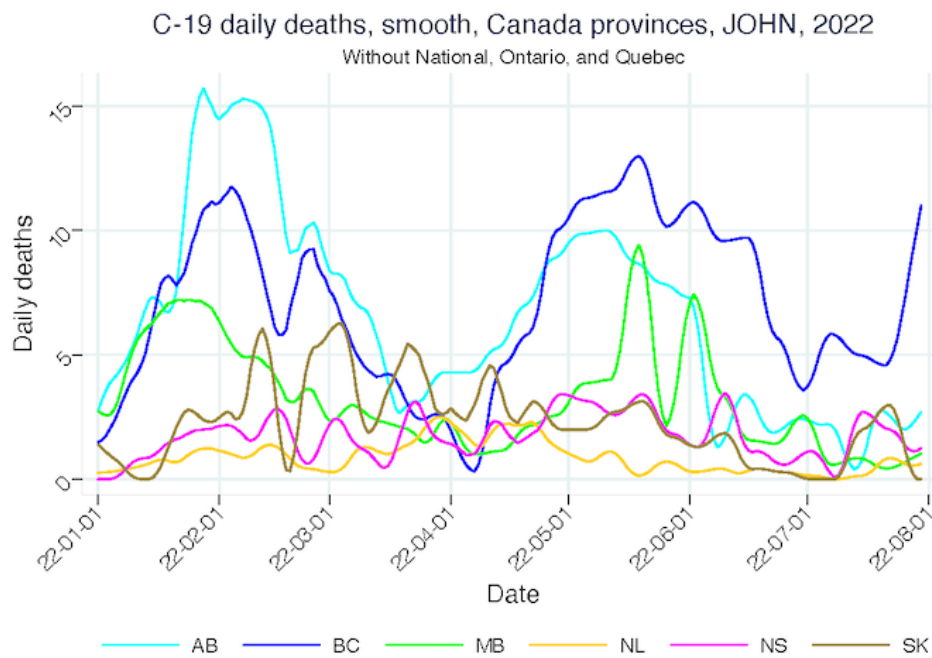
C-19 daily deaths, smooth, Canada provinces, JOHN, 2022
Without National, Ontario, and Quebec

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

C-19 daily deaths, smooth, Canada provinces, JOHN, 2022 June on
Without National, Ontario, and Quebec

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

C-19 daily cases, smooth, Canada provinces, JOHN, 2020 on

(6) Canada Provinces [Daily reported cases, JOHN, 2021 on](#)
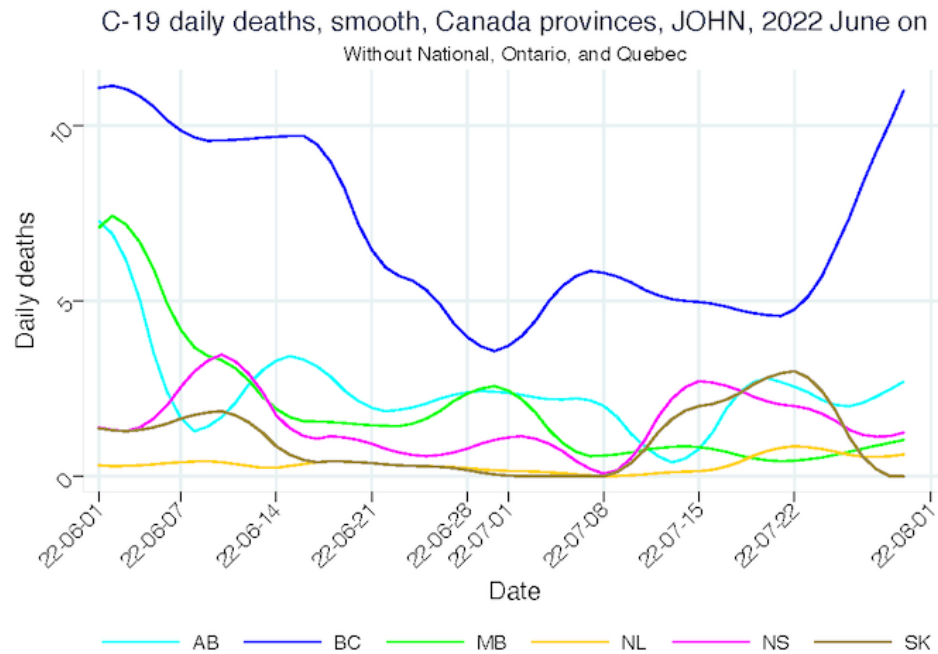
(7) Canada Provinces [Daily reported cases, JOHN, 2022](#)

C-19 daily cases, smooth, Canada provinces, JOHN, 2022

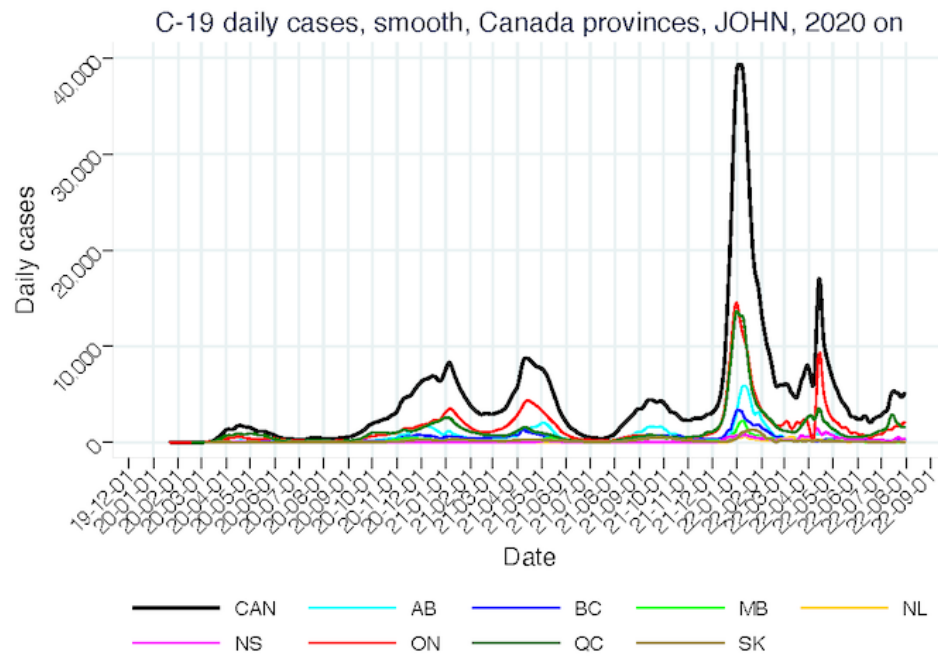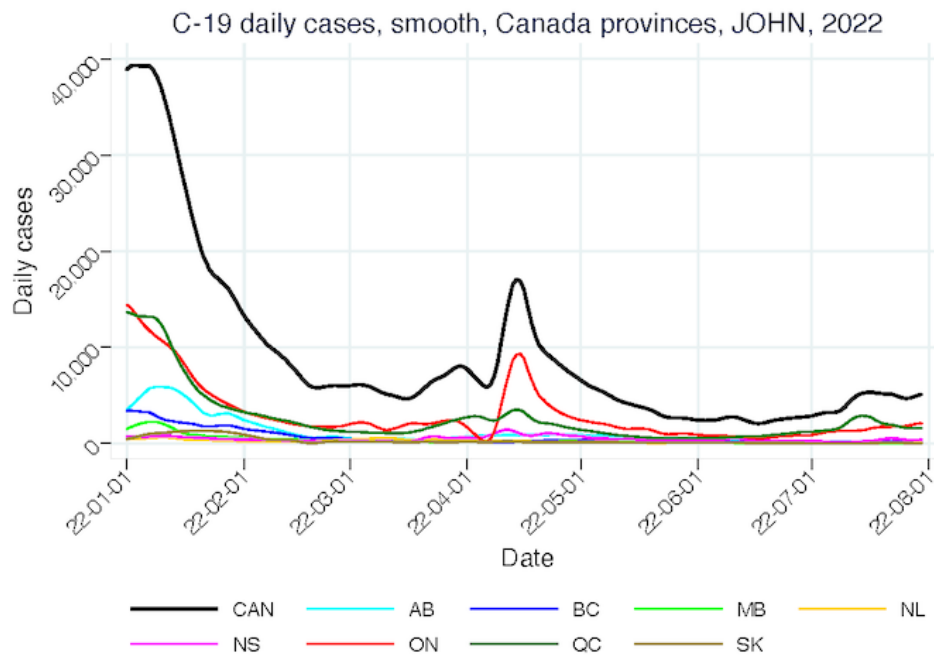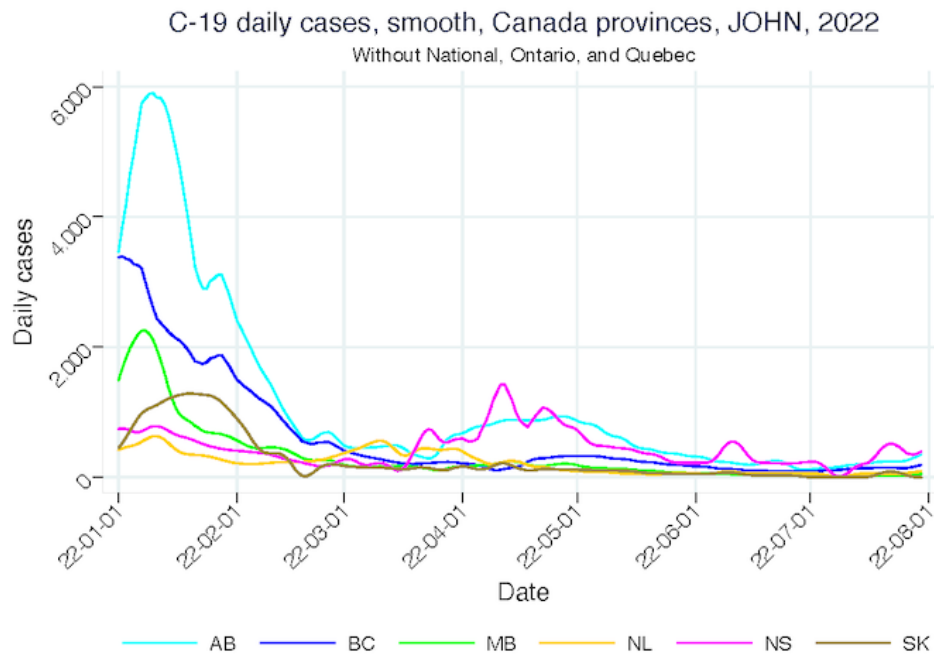(8) Canada Provinces [Daily reported cases, without National, Ontario, and Quebec, JOHN, 2022](#)

C-19 daily cases, smooth, Canada provinces, JOHN, 2022
Without National, Ontario, and Quebec

Legend: AB, BC, MB, NL, NS, SK

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

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(b) Models: IHME

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

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

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

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

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

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

Selected graphs - Alberta

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(1) Alberta Daily deaths, Reference scenario, 2020 on

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(2) Alberta Daily deaths, Reference scenario, 2021 on

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

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

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

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

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

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(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

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

book

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(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](#)

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

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

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

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

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

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Selected graphs - Manitoba

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

book

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(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](#)

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

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

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

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Selected graphs - Nova Scotia

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

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

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

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

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

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

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

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

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

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Selected graphs - Ontario

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

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(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](#)

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

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

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

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

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Selected graphs - Quebec

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(1) Quebec Daily deaths, Reference scenario, 2020 on

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(2) Quebec Daily deaths, Reference scenario, 2021 on

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

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

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

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

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

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

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

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Selected graphs - Saskatchewan

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

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(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](#)

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

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

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

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

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

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