

Global and regional COVID-19 epidemic models situation report No 44 – 2022-05-13

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Combine and visualize international periodically updated estimates of
COVID-19 pandemic
at the [global](#) level and for [six WHO regions](#)

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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Based on uptake 20220513 in <https://github.com/pourmalek/CovidVisualizedGlobal>

Study update dates in uptake 20220513

DELP 20220512, IHME 20220506, No IMPE, **SRIV 20220508**

Days old: DELP 1, IHME 7, IMPE 60, SRIV 5

IMPE update 20220315 was released on 20220505 and is 60 days old on 20220513. Not included.

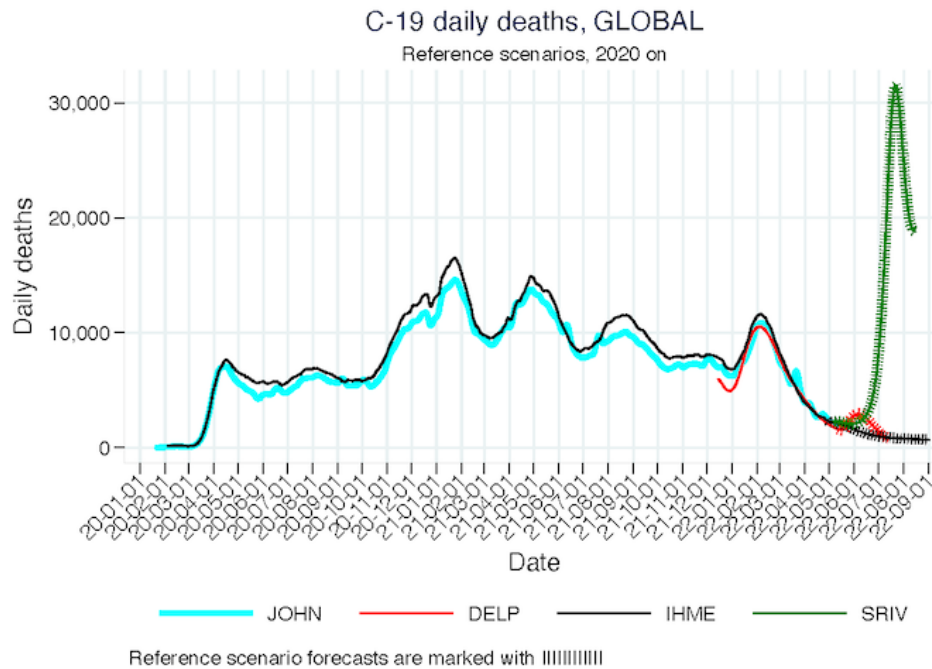
Strengths and weakness of the international and periodically update COVID-19 pandemic models are discussed [here](#).

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Selected graphs - Global

(1) Global [Daily deaths, reference scenarios, 2020 on](#)



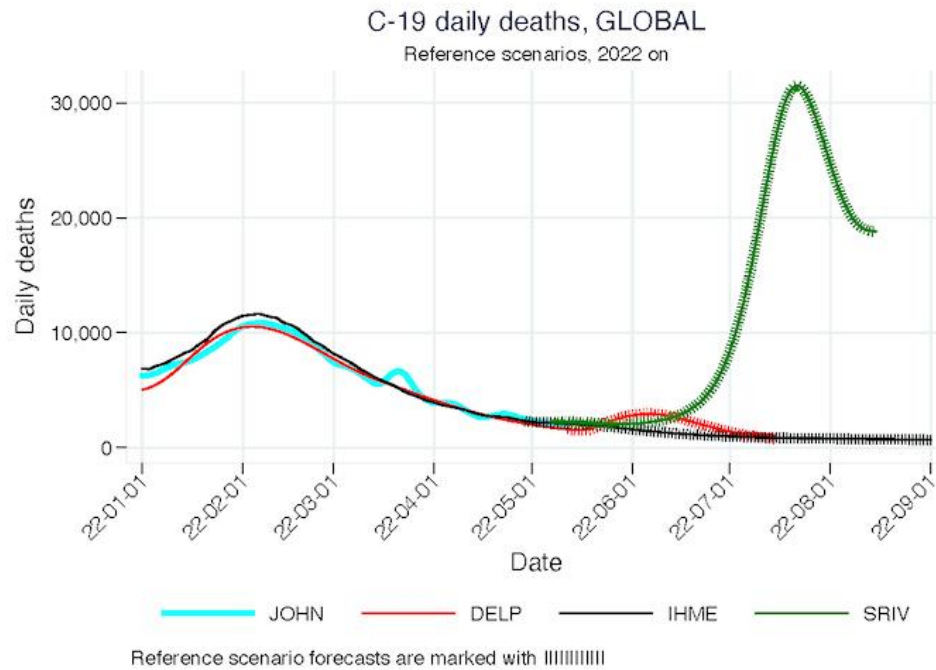
(1b) Global [Daily deaths, reference scenarios, with excess mortality, 2020 on](#)

(2) Global [Daily deaths, reference scenarios, 2021 on](#)

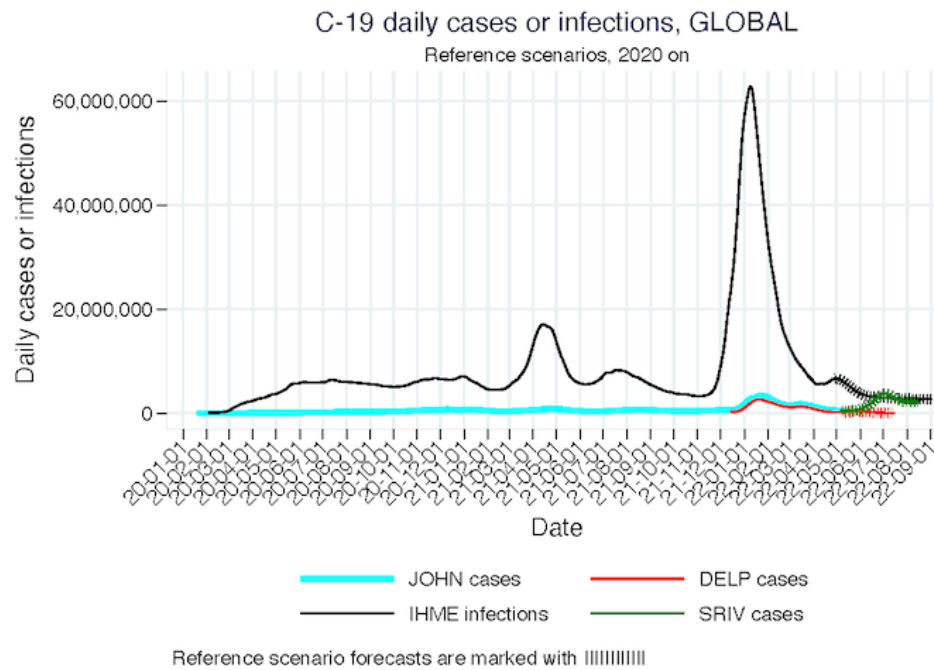
(3) Global [Daily deaths, 3 scenarios, 2021 on](#)

(3b) Global [Daily deaths, 3 scenarios, 2021 on, IHME](#)

(3d) Global [Daily deaths, reference scenarios, 2022 on](#)

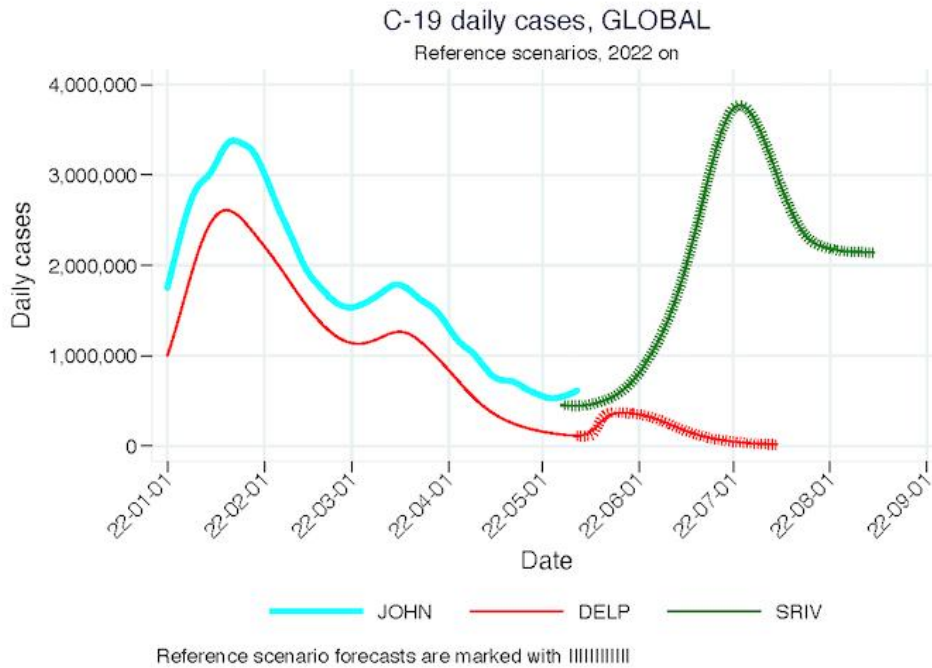


(4) Global [Daily cases or infections, reference scenarios, 2020 on](#)



(6) Global [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) Global [Daily cases, 2022 on](#)



(6c) Global [Daily estimated infections IHME to reported cases JOHN, main scenarios, 2021 on](#)

(7) Global [Hospital-related outcomes, 2020 on](#)

(8) Global [Hospital-related outcomes, 2021 on, without IHME Bed need](#)

(9) Global [Daily deaths estimated to reported, reference scenarios, 2020 on](#)

(11) Global [Daily Infection outcomes ratios, 2 scenarios, 2020 on, IHME](#)

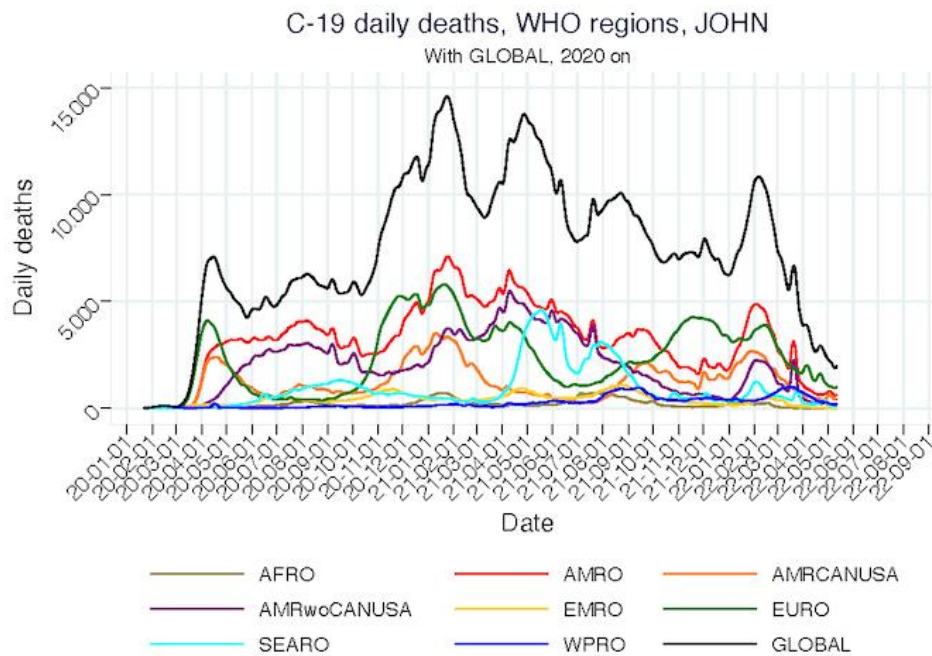
(11b) Global [Daily Infection -detection and -hospitalizations ratios, 2 scenarios, 2020 on, IHME](#)

(12) Global [Daily mobility, 2 scenarios, 2020 on, IHME](#)

(13) Global [Daily mask use, 2 scenarios, 2020 on, IHME](#)

Selected graphs - Regions together

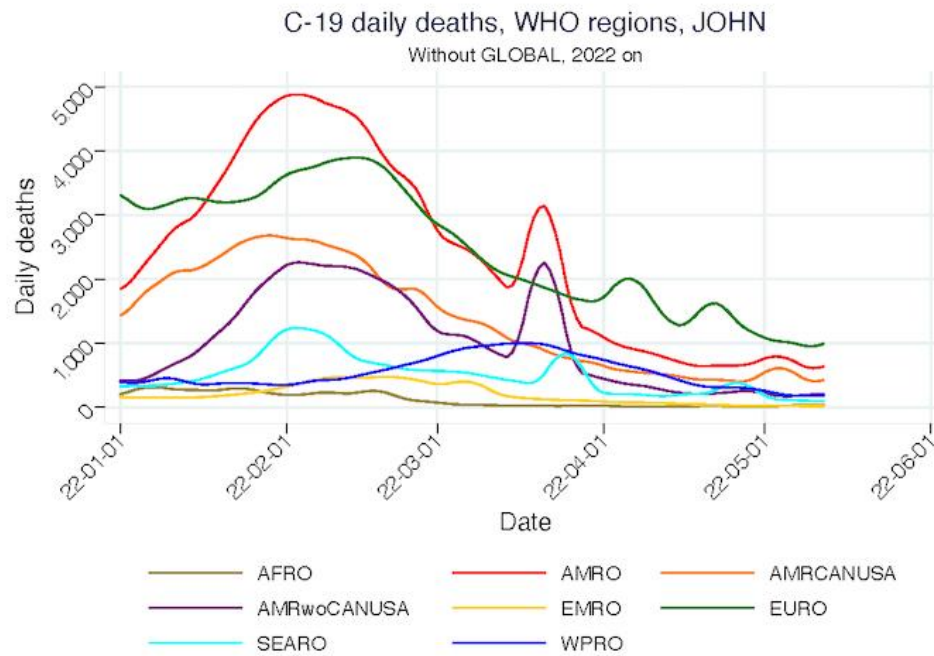
(0a) Regions together [Daily deaths, with GLOBAL, 2020 on, JOHN](#)



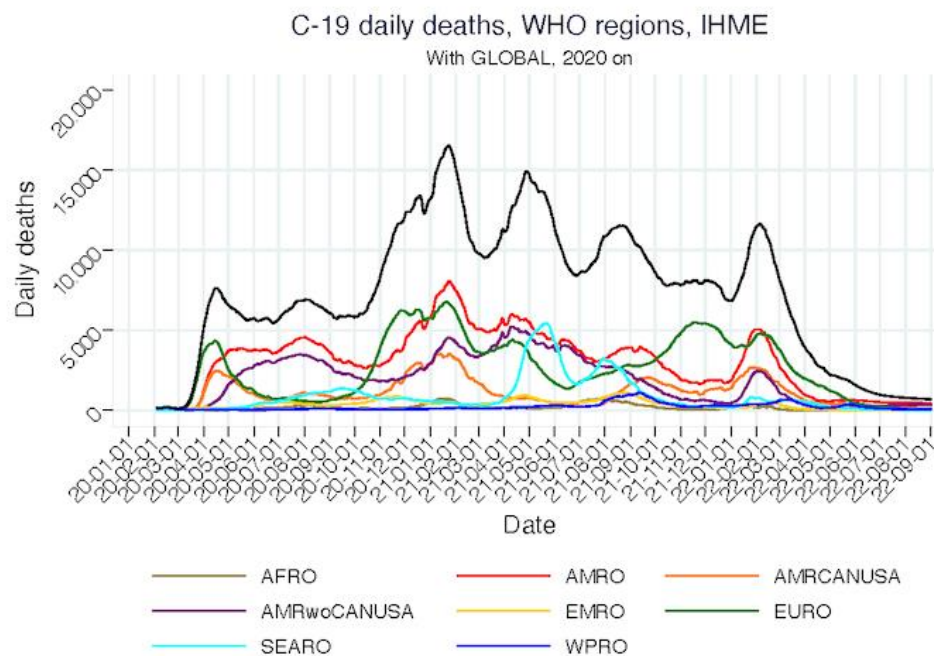
(0b) Regions together [Daily deaths, without GLOBAL, 2020 on, JOHN](#)

(0c) Regions together [Daily deaths, with GLOBAL, 2022 on, JOHN](#)

(0d) Regions together [Daily deaths, without GLOBAL, 2022 on, JOHN](#)

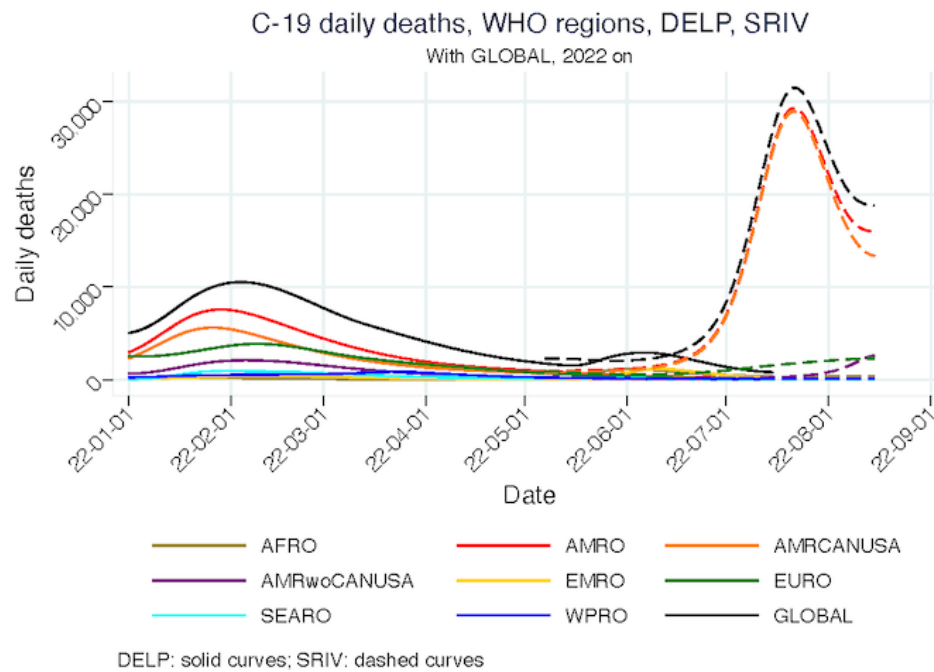


(1) Regions together [Daily deaths, with GLOBAL, 2020 on, IHME](#)

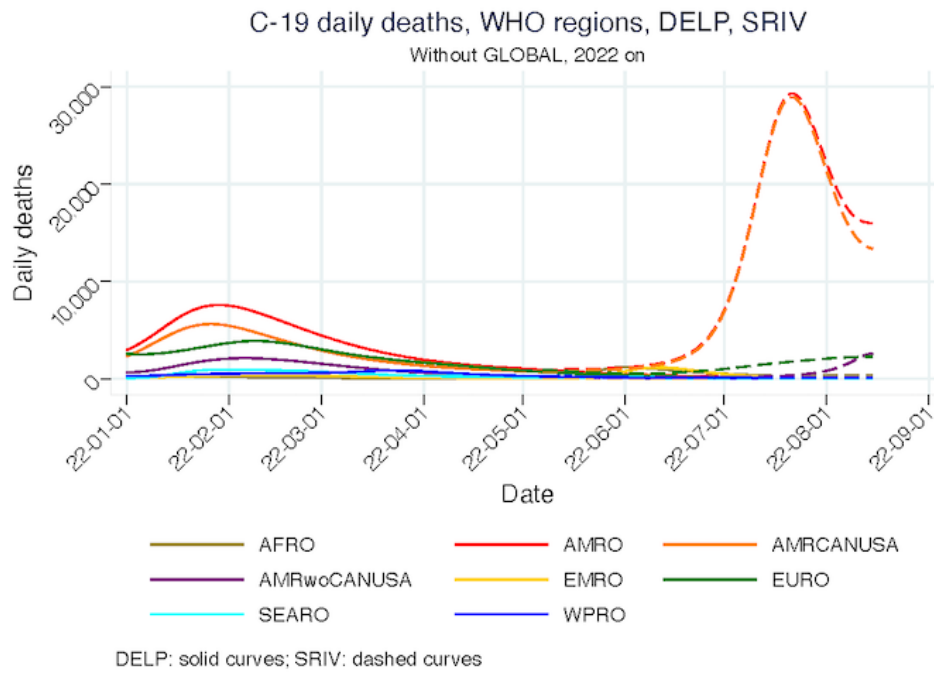


(2) Regions together [Daily deaths, without GLOBAL, 2020 on, IHME](#)

(3) Regions together [Daily deaths, with GLOBAL, 2022 on, DELP, SRIV](#)



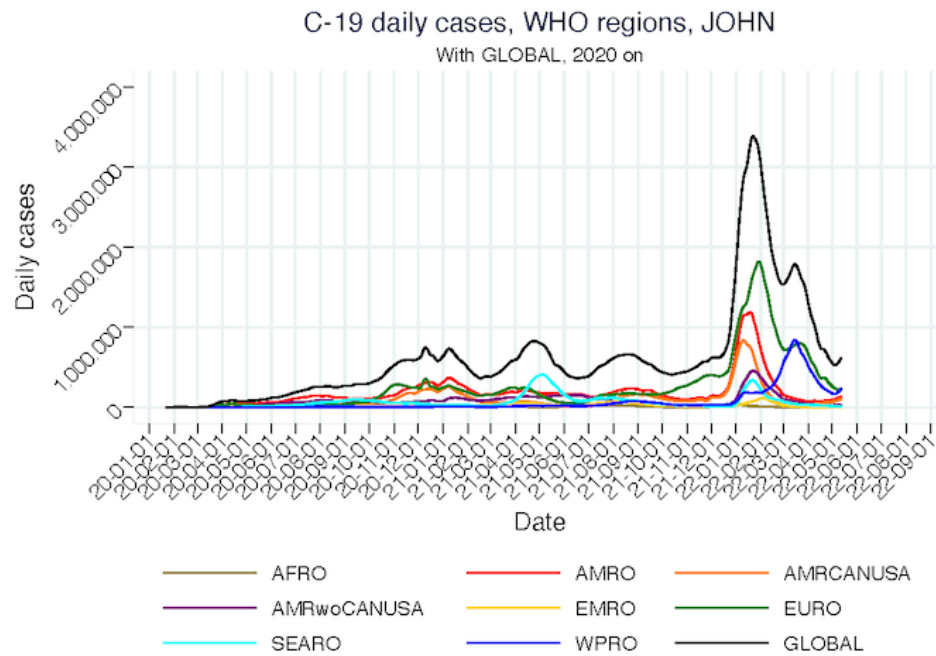
(4) Regions together [Daily deaths, without GLOBAL, 2022 on, DELP, SRIV](#)



(5) Regions together [Daily excess deaths, with GLOBAL, 2020 on, IHME](#)

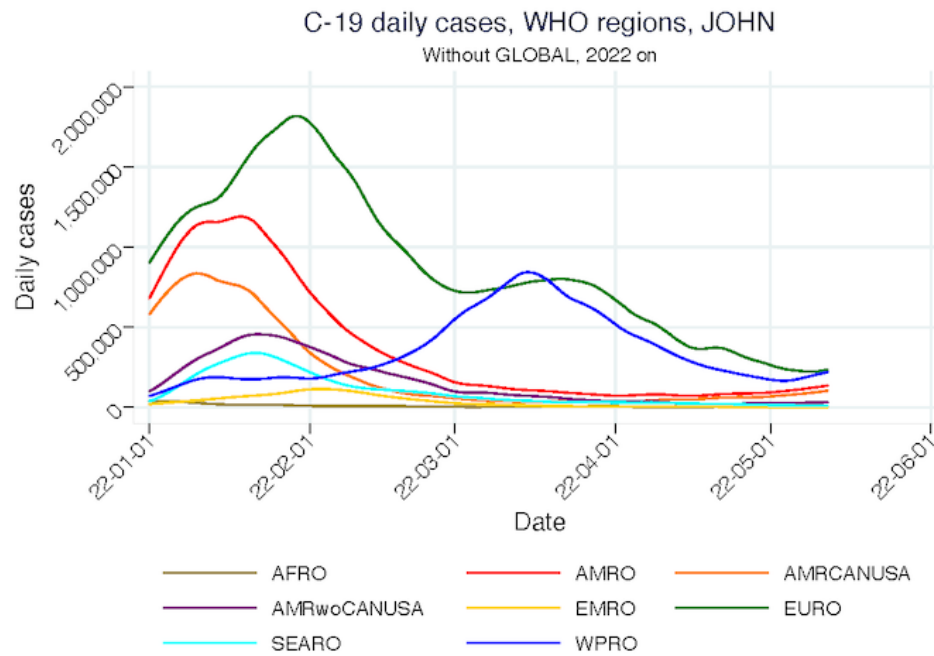
(6) Regions together [Daily excess deaths, without GLOBAL, 2020 on, IHME](#)

(00a) Regions together [Daily cases, with GLOBAL, 2020 on, JOHN](#)

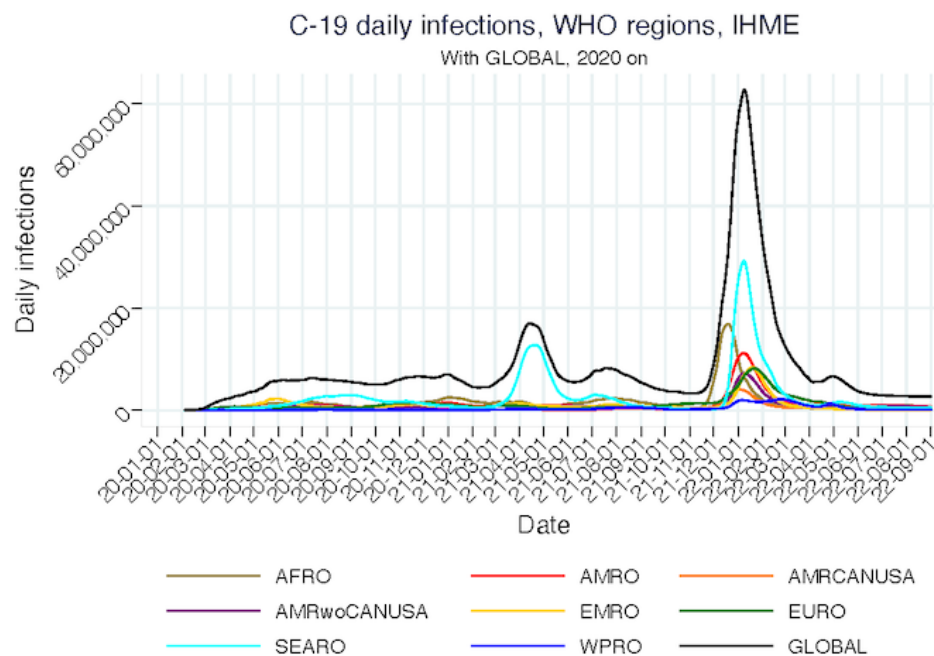


(00b) Regions together [Daily cases, without GLOBAL, 2020 on, JOHN](#)

(00c) Regions together [Daily cases, without GLOBAL, 2022 on, JOHN](#)

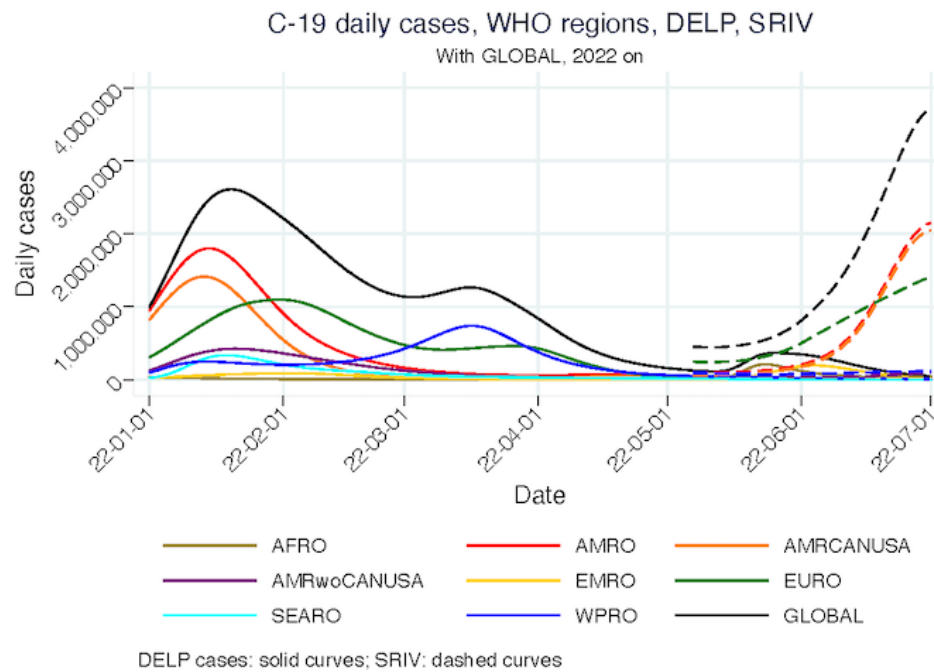


(7) Regions together [Daily infections, with GLOBAL, 2020 on, IHME](#)

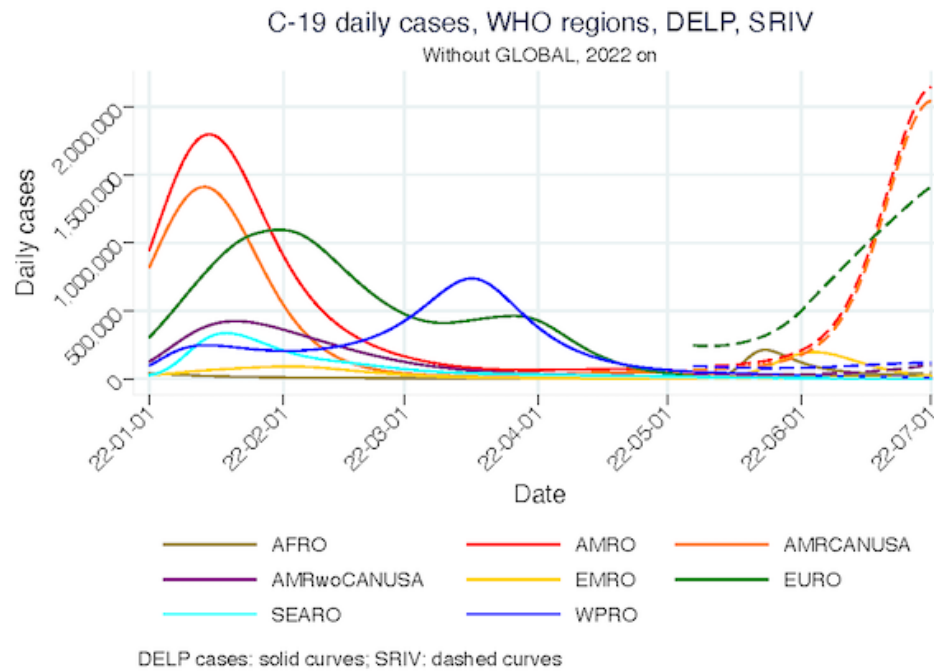


(8) Regions together [Daily infections, without GLOBAL, 2020 on, IHME](#)

(9) Regions together [Daily cases, with GLOBAL, 2022 on, DELP, SRIV](#)



(10) Regions together [Daily cases, without GLOBAL, 2022 on, DELP, SRIV](#)



(11) Regions together [Total deaths, with GLOBAL, 2020 on, IHME](#)

(12) Regions together [Total deaths, without GLOBAL, 2020 on, IHME](#)

(13) Regions together [Total deaths, with GLOBAL, 2022 on, DELP, SRIV](#)

(14) Regions together [Total deaths, without GLOBAL, DELP, SRIV](#)

(15) Regions together [Total excess deaths, with GLOBAL, 2020 on, IHME](#)

(16) Regions together [Total excess deaths, without GLOBAL, 2020 on, IHME](#)

(17) Regions together [Total infections, with GLOBAL, 2020 on, IHME](#)

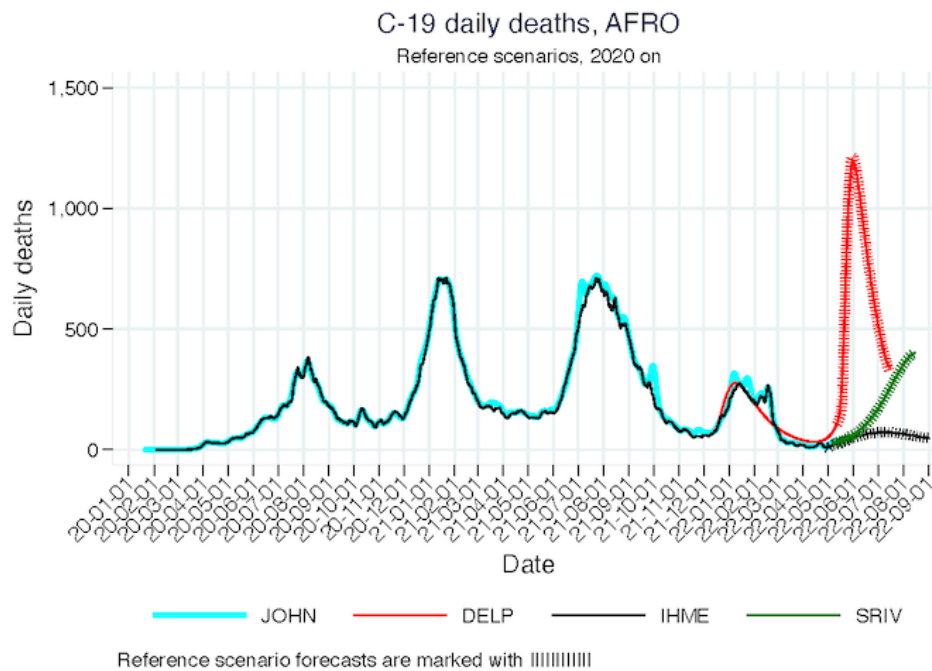
(18) Regions together [Total infections, without GLOBAL, 2020 on, IHME](#)

(19) Regions together [Total cases, with GLOBAL, 2022 on, DELP, SRIV](#)

(20) Regions together [Total cases, without GLOBAL, 2022 on, DELP, SRIV](#)

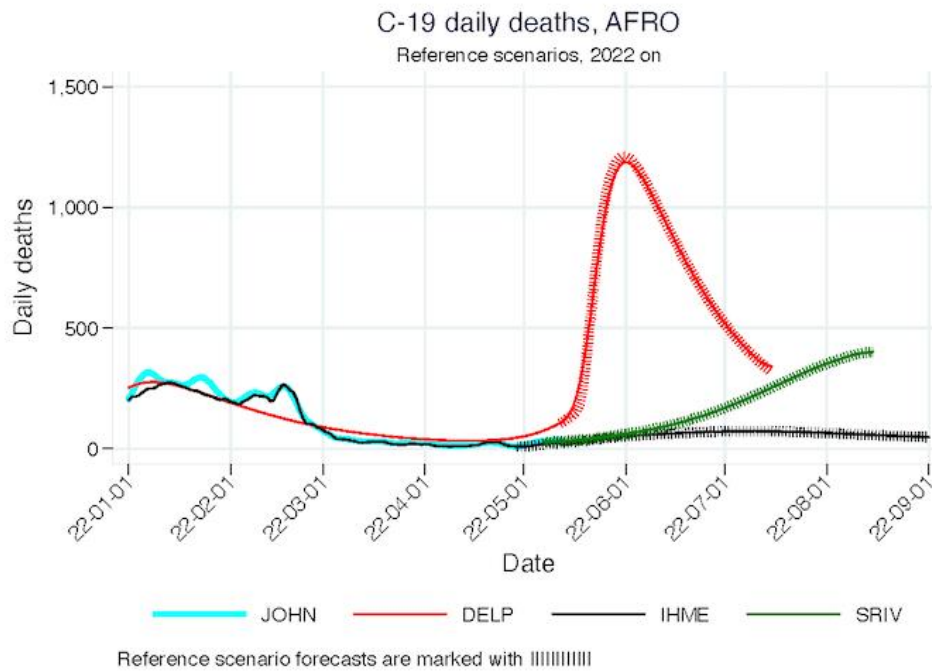
Selected graphs - African region (AFRO)

(1) African region [Daily deaths, reference scenarios, 2020 on](#)

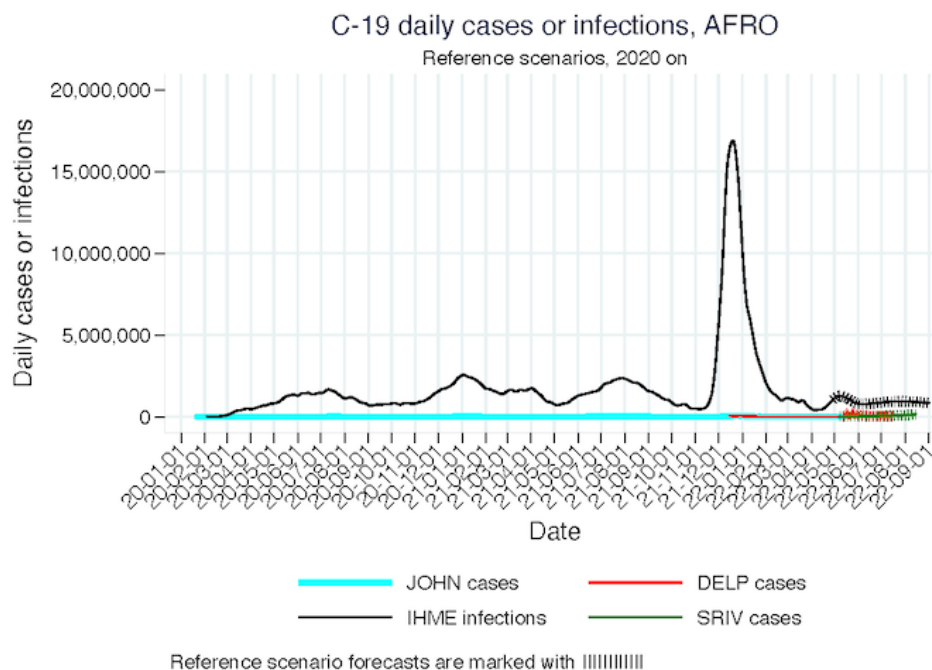


(3) African region [Daily deaths, 3 scenarios, 2021 on](#)

(3b) African region [Daily deaths, reference scenarios, 2022 on](#)

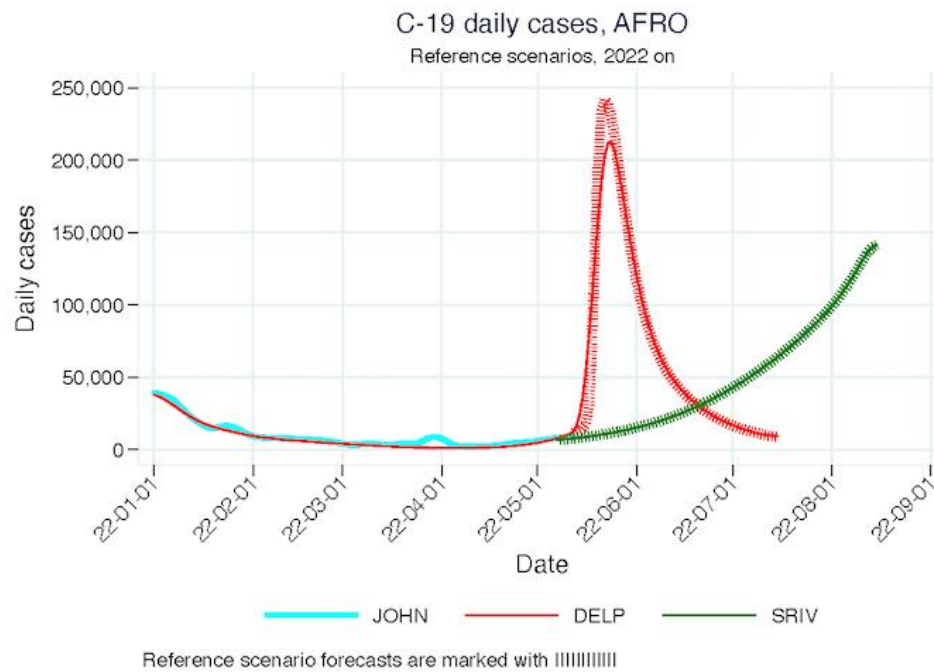


(4) African region [Daily cases or infections, reference scenarios, 2020 on](#)



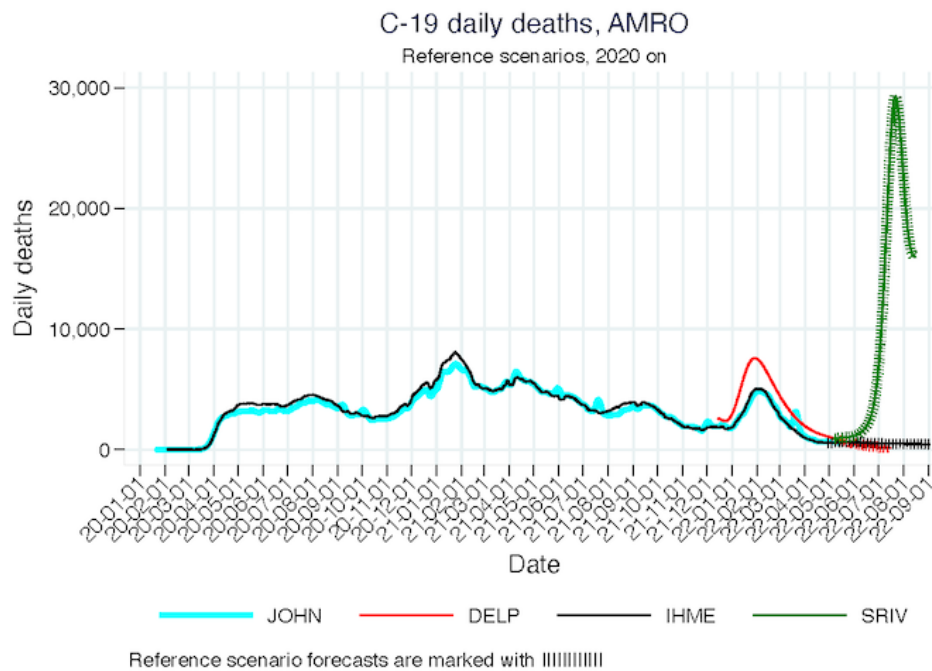
(6) African region [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) African region [Daily cases or infections, reference scenarios, 2022 on](#)



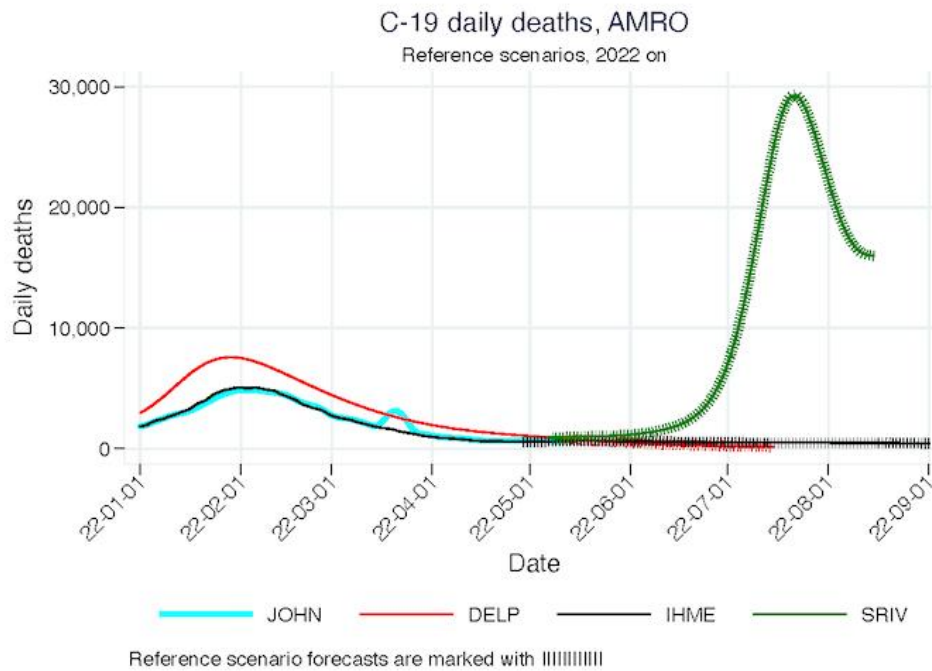
Selected graphs – Americas region (AMRO)

(1) Americas region [Daily deaths, reference scenarios, 2020 on](#)

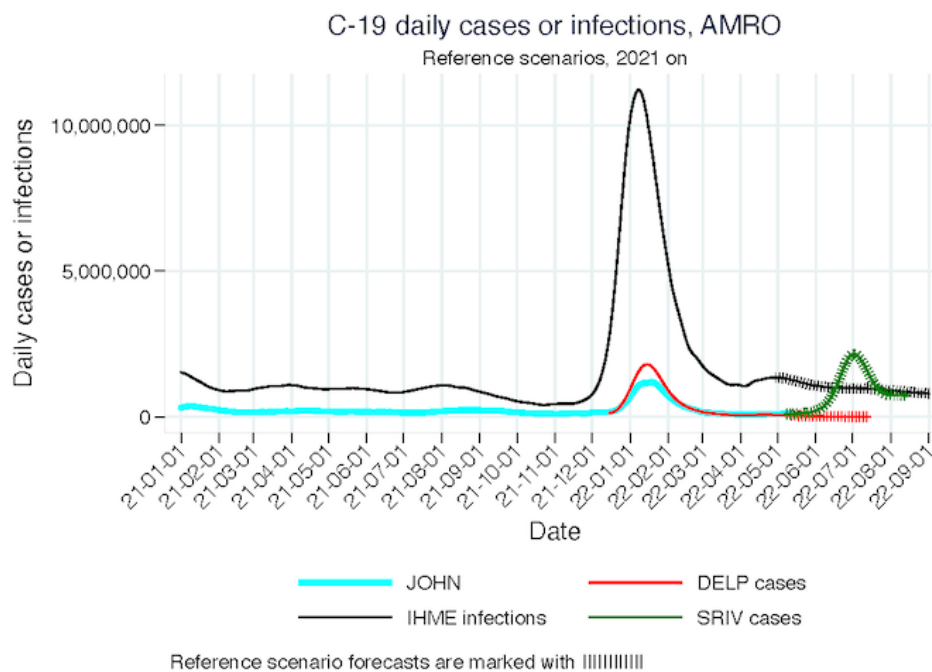


(3) Americas region [Daily deaths, 3 scenarios, 2021 on](#)

(3b) Americas region [Daily deaths, reference scenarios, 2022 on](#)

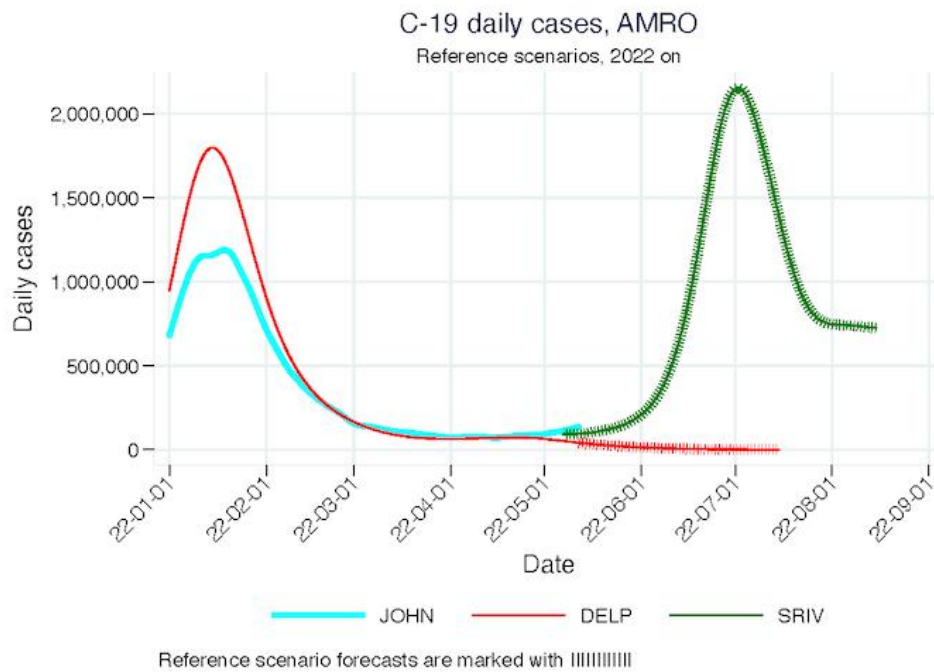


(4) Americas region [Daily cases or infections, reference scenarios, 2020 on](#)



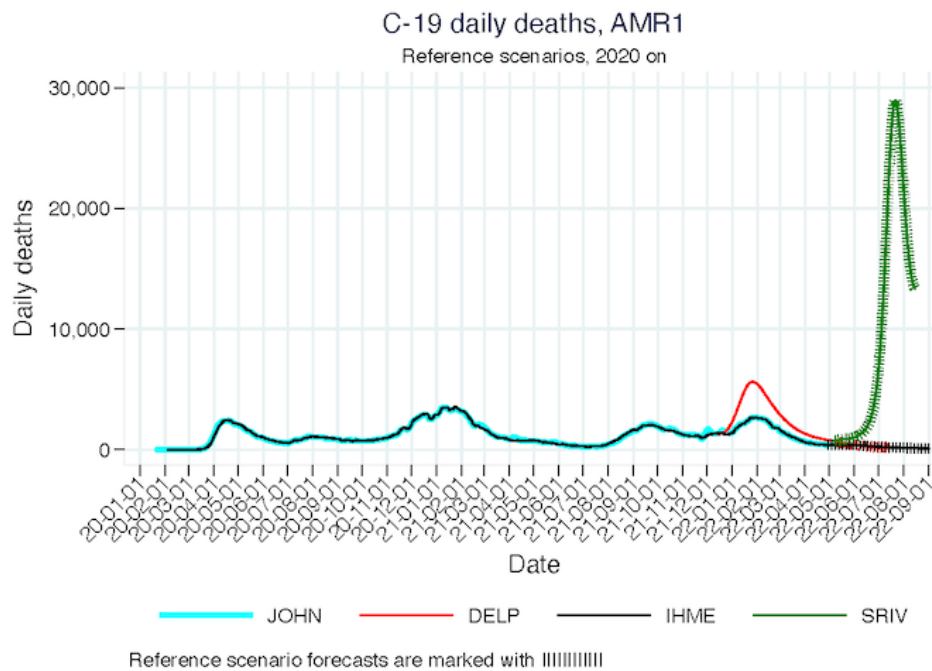
(6) Americas region [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) Americas region [Daily reference, 3 scenarios, 2022 on](#)



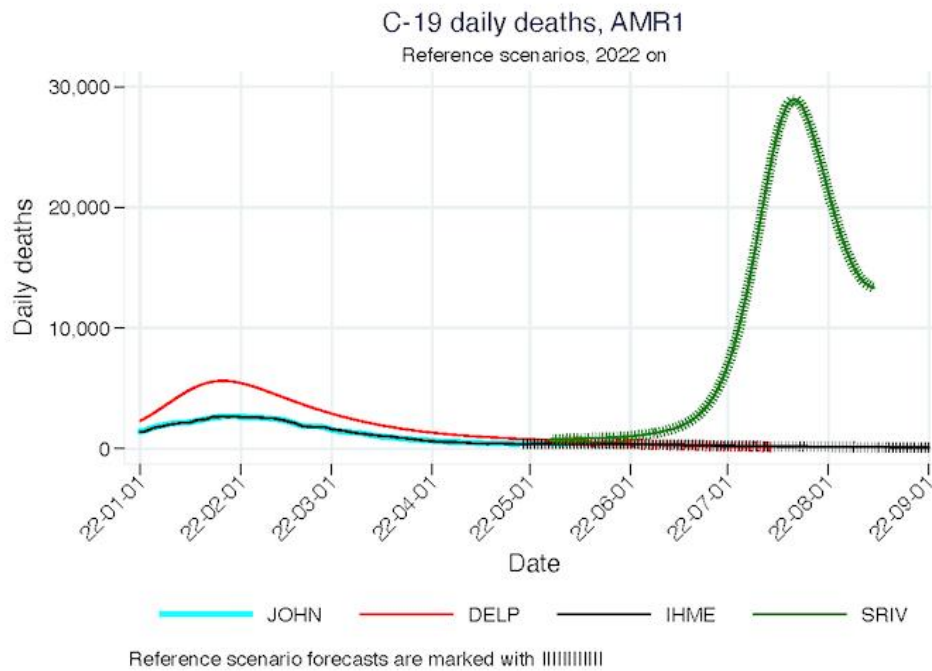
Selected graphs – Americas region, Canada and United States (AMR1)

(1) Americas region, Canada and United States [Daily deaths, reference scenarios, 2020 on](#)

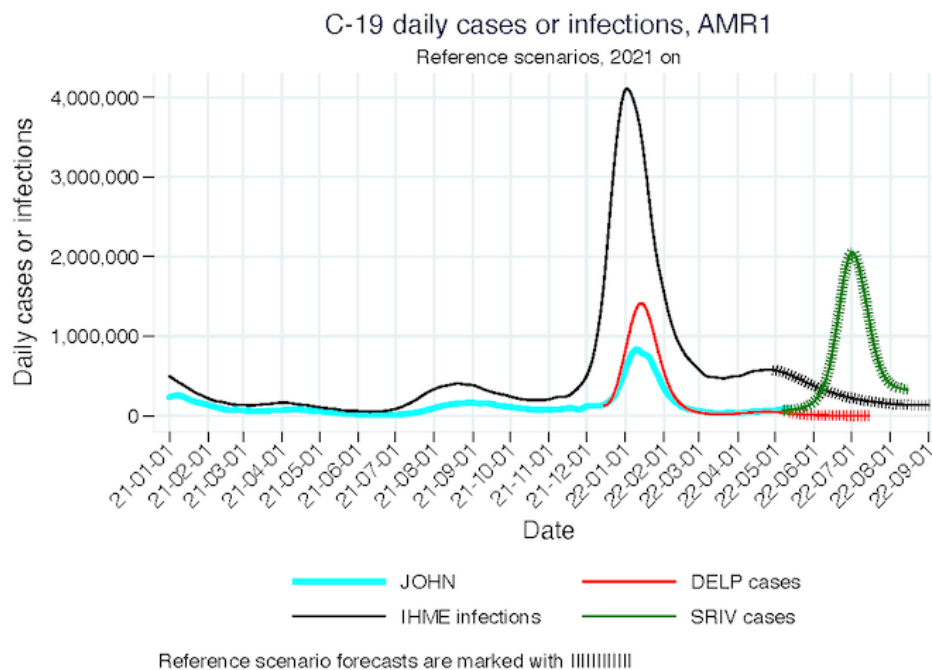


(3) Americas region, Canada and United States [Daily deaths, 3 scenarios, 2021 on](#)

(3b) Americas region, Canada and United States [Daily deaths, reference scenarios, 2022 on](#)

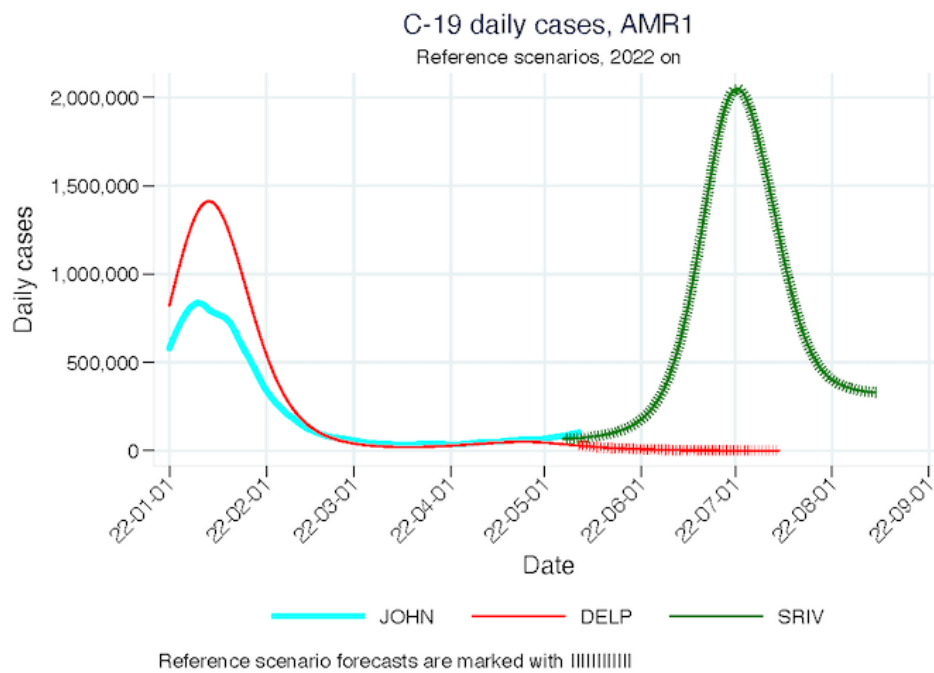


(4) Americas region, Canada and United States [Daily cases or infections, reference scenarios, 2020 on](#)



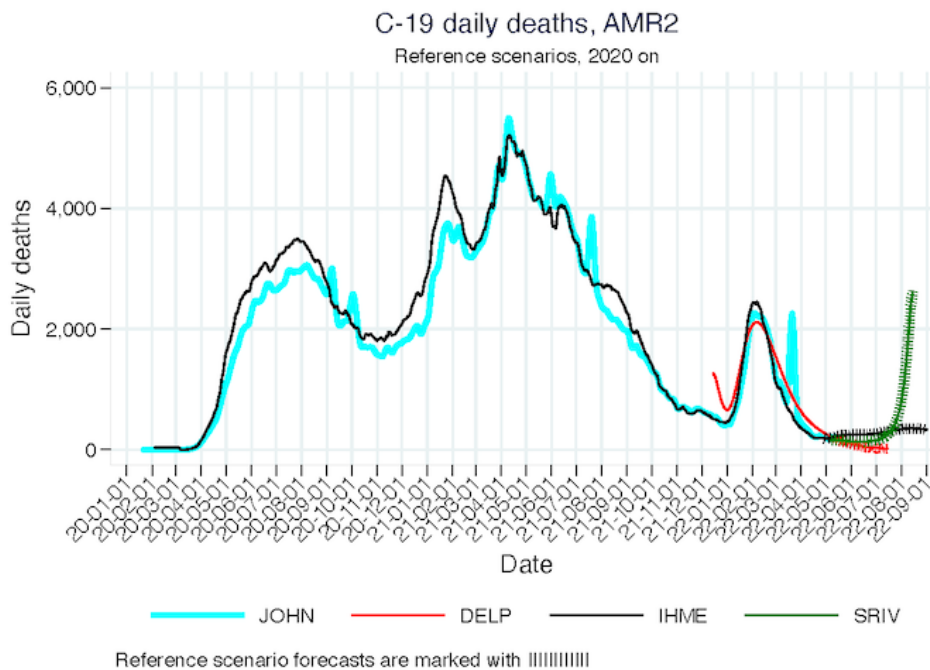
(6) Americas region, Canada and United States [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) Americas region, Canada and United States [Daily cases or infections, reference scenarios, 2022 on](#)



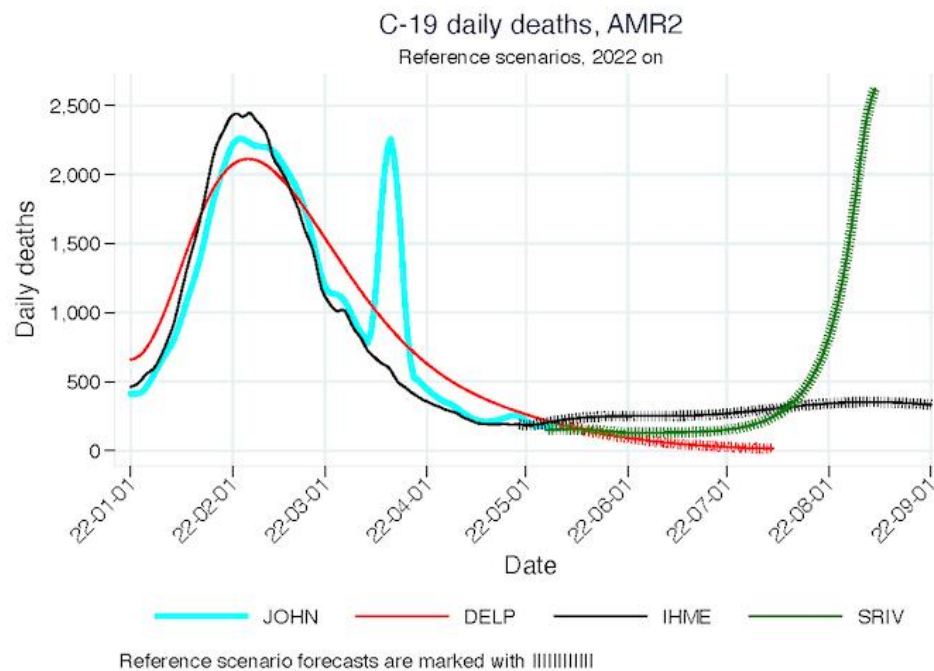
Selected graphs – Americas region, without Canada and United States (AMR2)

(1) Americas region, without Canada and United States [Daily deaths, reference scenarios, 2020 on](#)
[on](#)

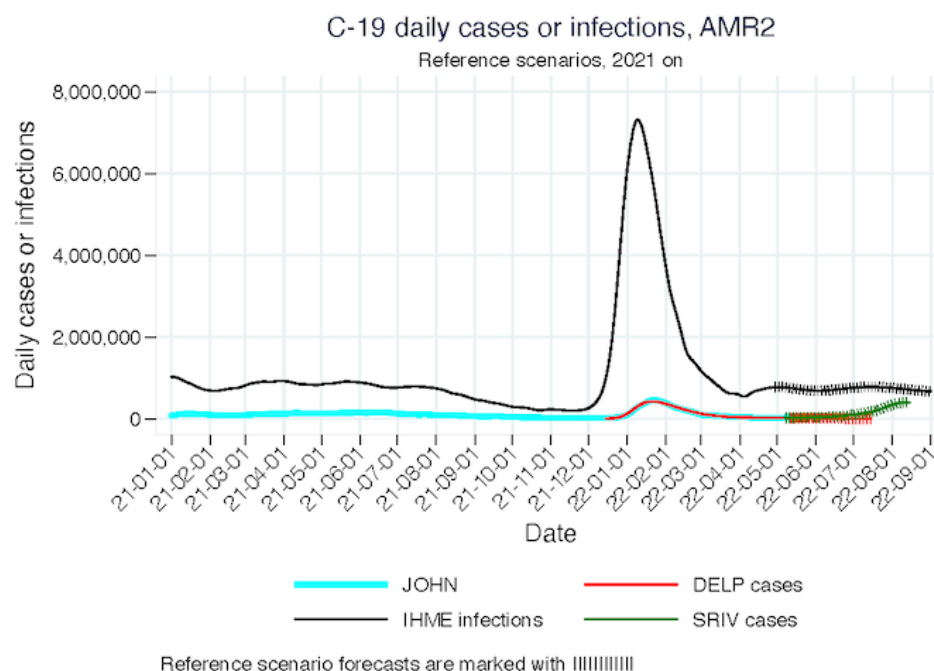


(3) Americas region, without Canada and United States [Daily deaths, 3 scenarios, 2021 on](#)

(3b) Americas region, w/o Canada and United States [Daily deaths, reference scenarios, 2022 on](#)

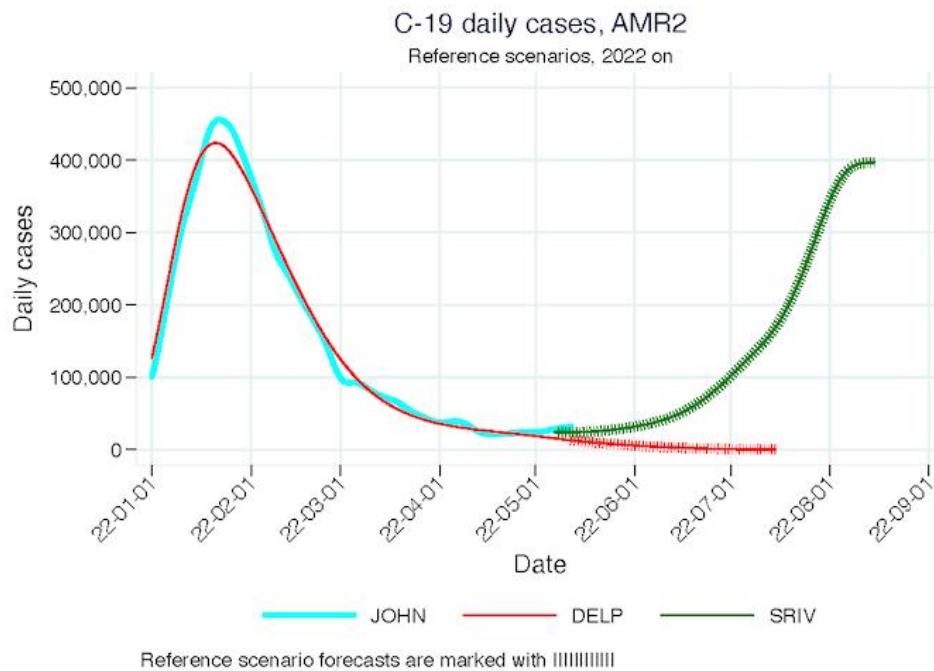


(4) Americas region, without Canada and United States [Daily cases or infections, reference scenarios, 2020 on](#)



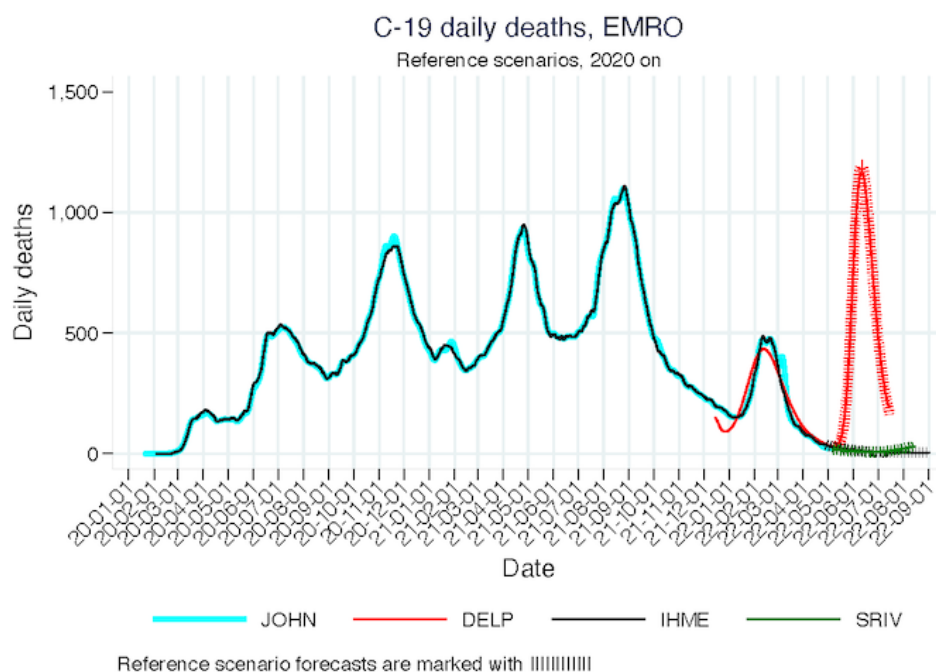
(6) Americas region, without Canada and United States [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) Americas region, without Canada and United States [Daily cases or infections, reference scenarios, 2022 on](#)



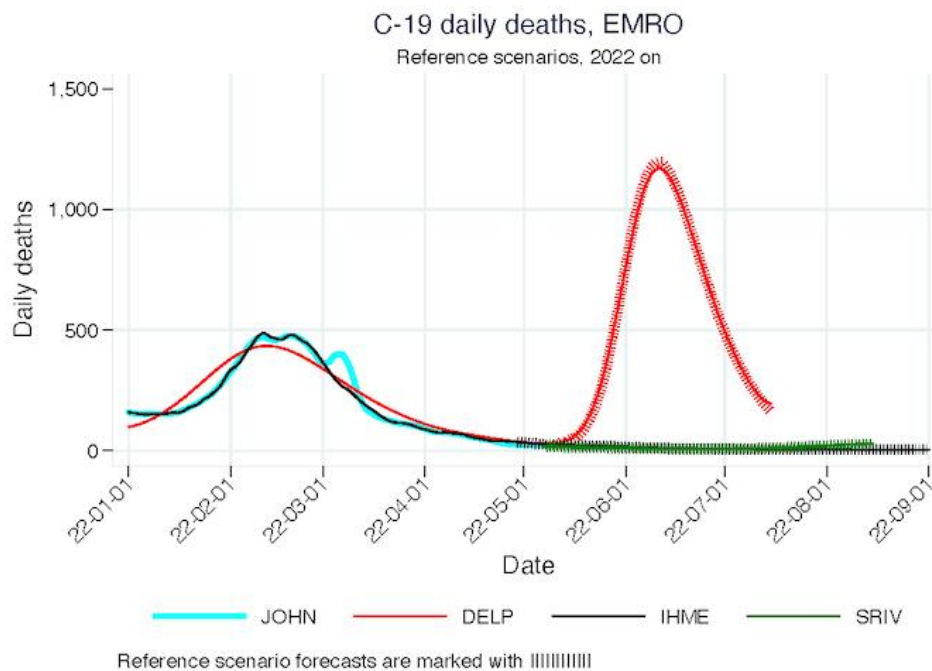
Selected graphs – Eastern Mediterranean region (EMRO)

(1) Eastern Mediterranean region [Daily deaths, reference scenarios, 2020 on](#)

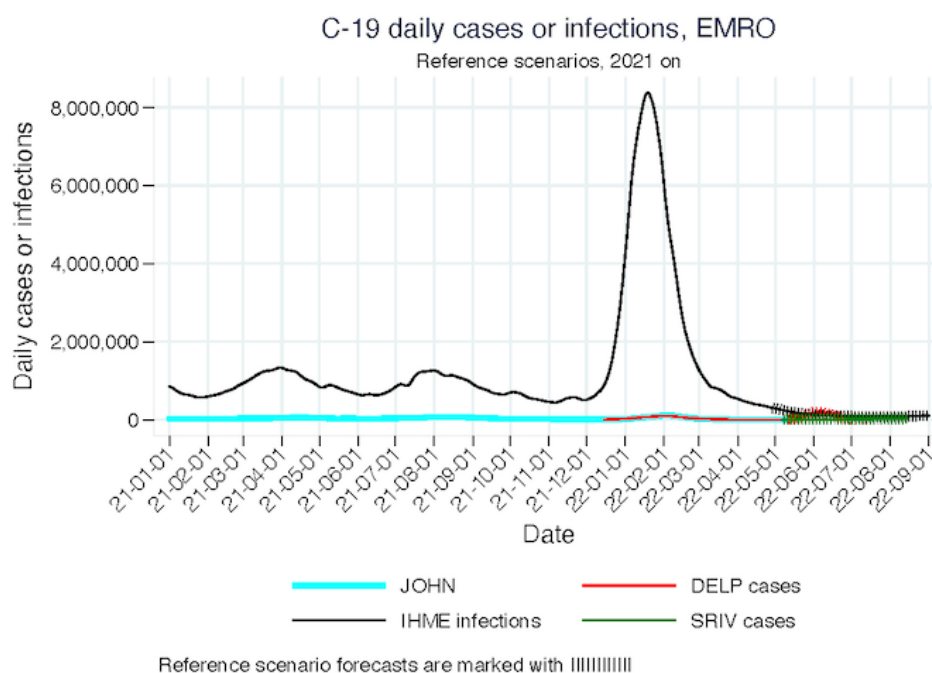


(3) Eastern Mediterranean region [Daily deaths, 3 scenarios, 2021 on](#)

(3b) Eastern Mediterranean region [Daily deaths, reference scenarios, 2022 on](#)

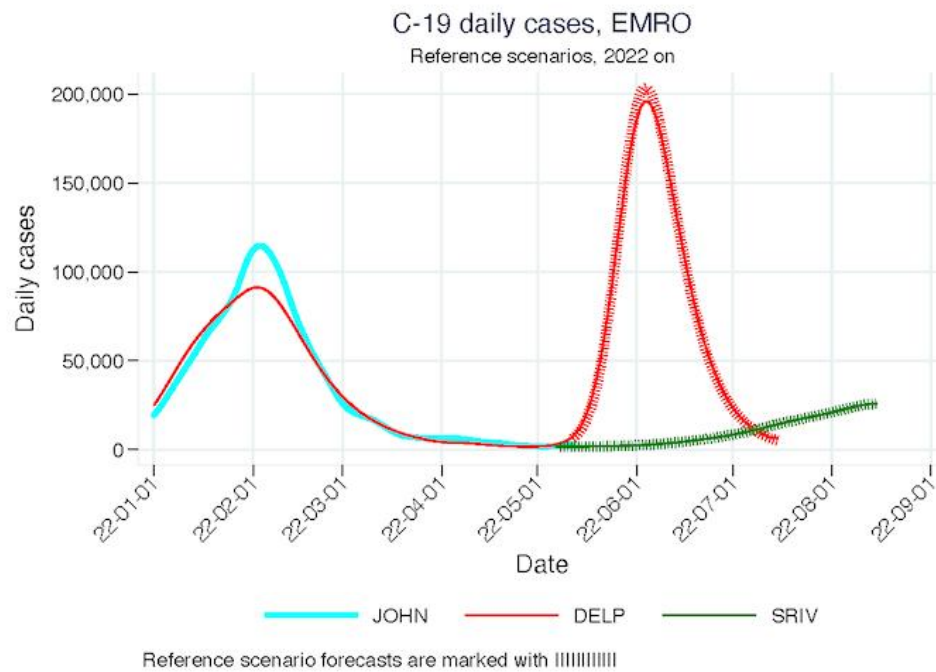


(4) Eastern Mediterranean region [Daily cases or infections, reference scenarios, 2020 on](#)



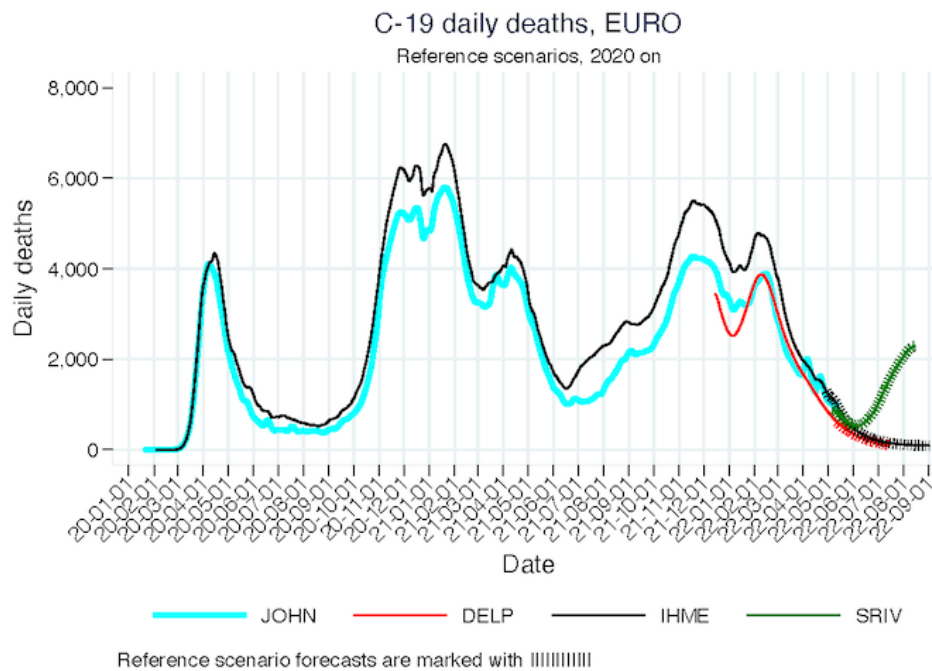
(6) Eastern Mediterranean region [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) Eastern Mediterranean region [Daily cases or infections, reference scenarios, 2022 on](#)



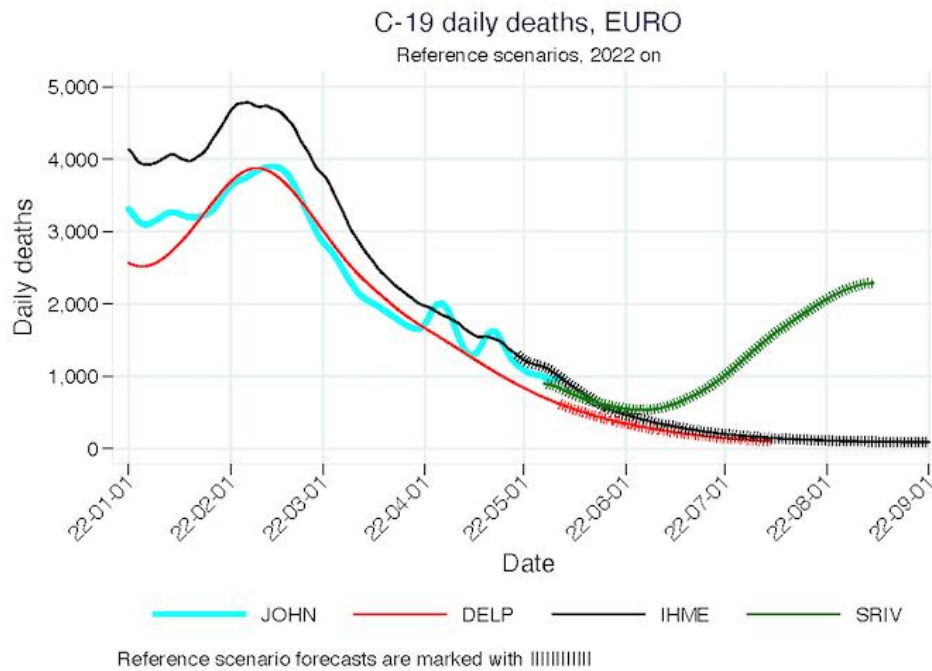
Selected graphs – European region (EURO)

(1) European region [Daily deaths, reference scenarios, 2020 on](#)

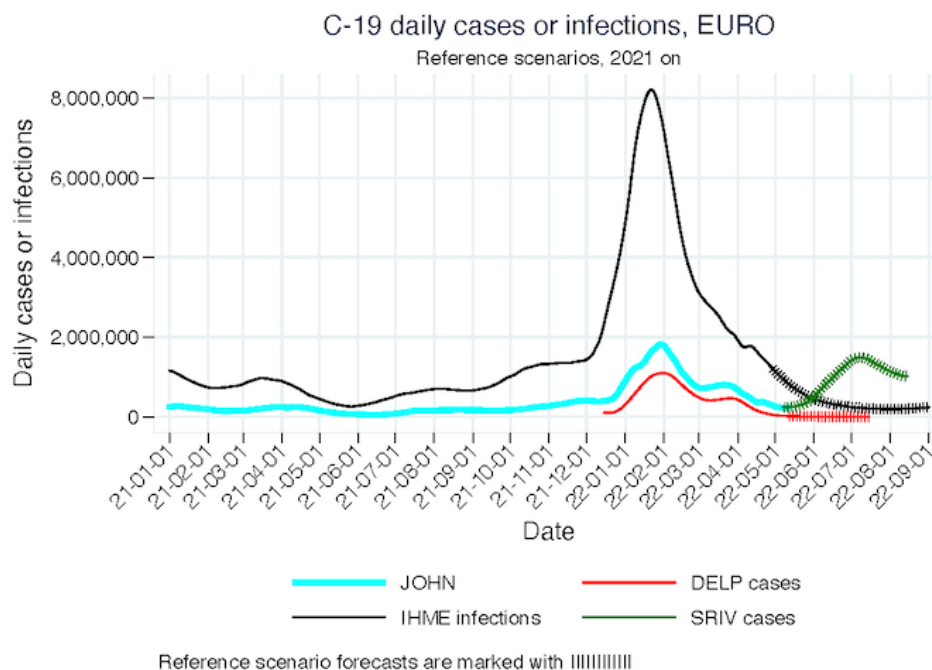


(3) European region [Daily deaths, 3 scenarios, 2021 on](#)

(3b) European region [Daily deaths, reference scenarios, 2022 on](#)

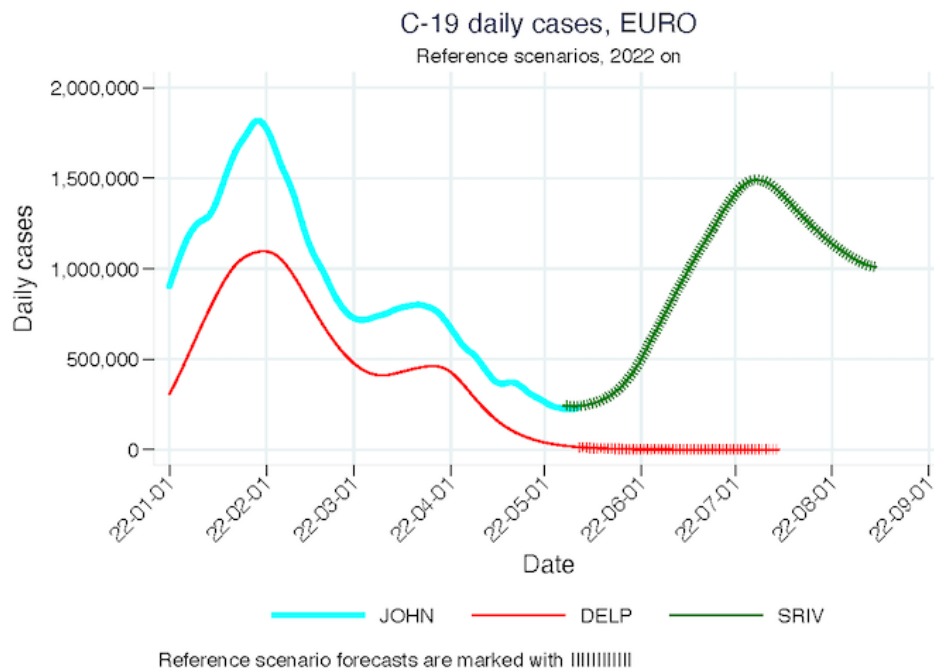


(4) European region [Daily cases or infections, reference scenarios, 2020 on](#)



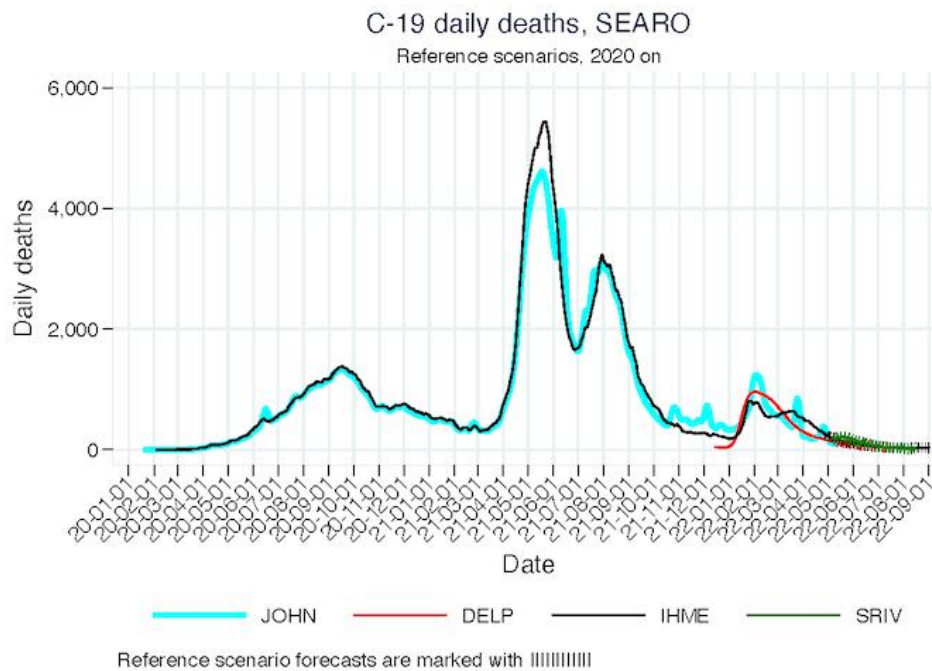
(6) European region [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) European region [Daily cases or infections, reference scenarios, 2022 on](#)



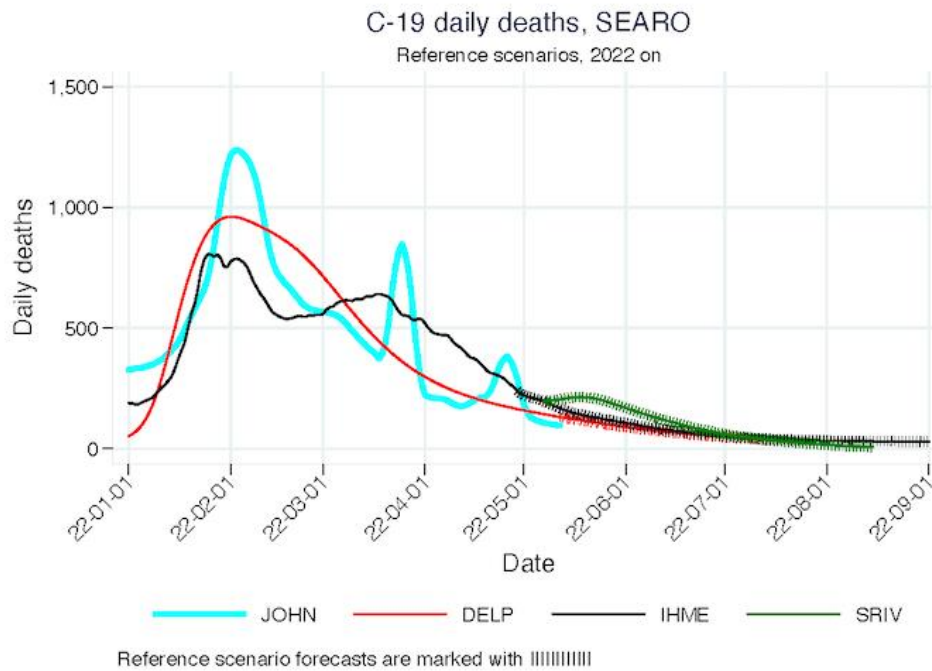
Selected graphs – South-East Asian region (SEARO)

(1) South-East Asian region [Daily deaths, reference scenarios, 2020 on](#)

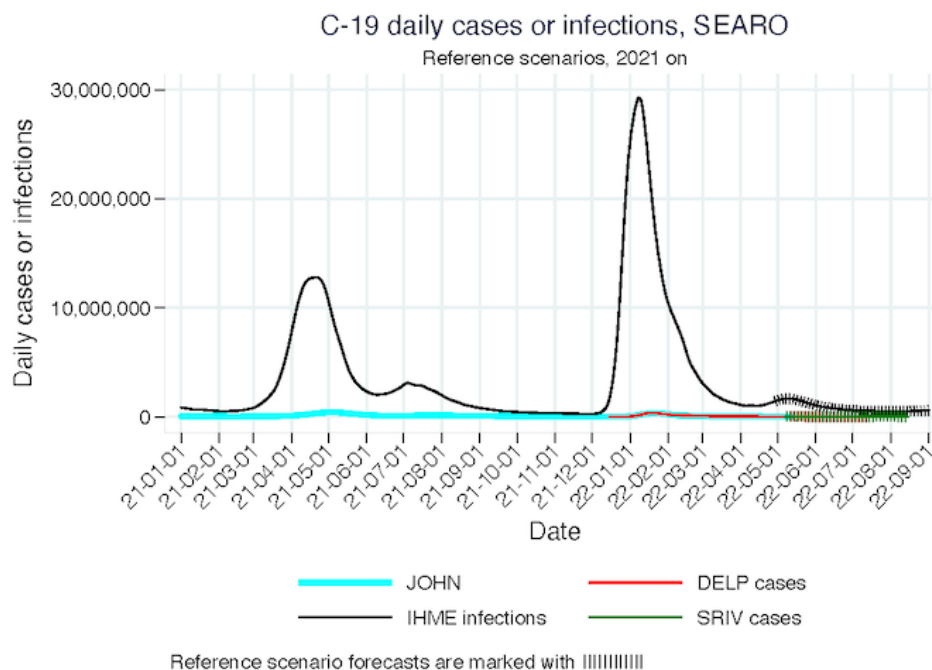


(3) South-East Asian region [Daily deaths, 3 scenarios, 2021 on](#)

(3b) South-East Asian region [Daily deaths, reference scenarios, 2022 on](#)

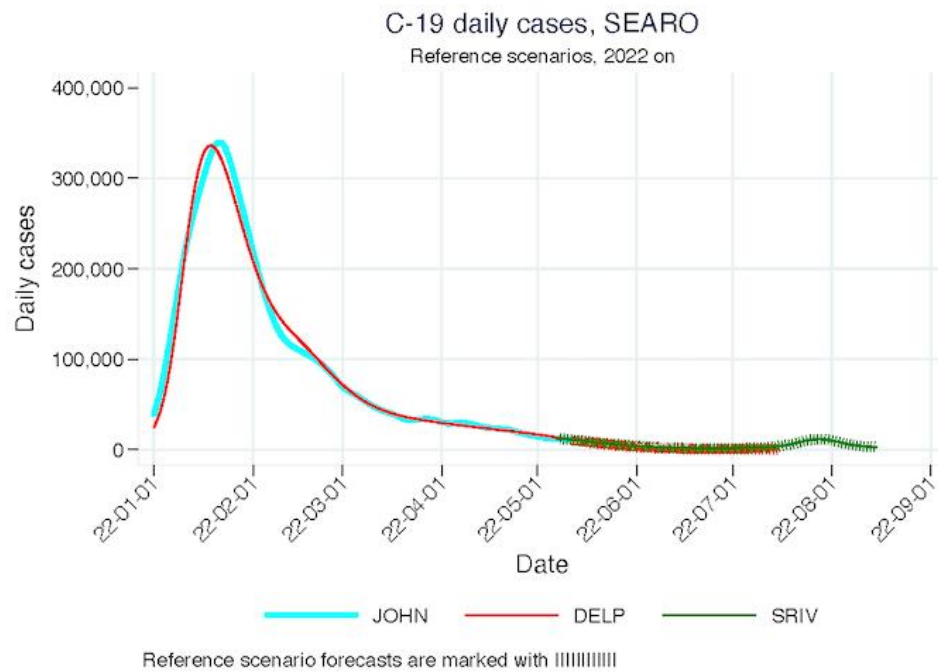


(4) South-East Asian region [Daily cases or infections, reference scenarios, 2020 on](#)



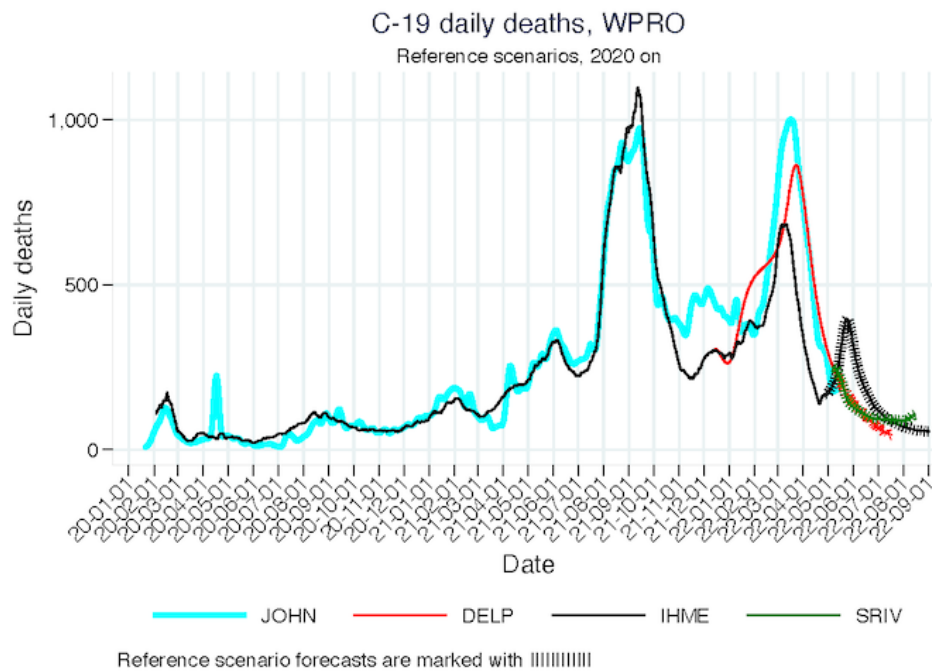
(6) South-East Asian region [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) South-East Asian region [Daily cases or infections, reference scenarios, 2022 on](#)



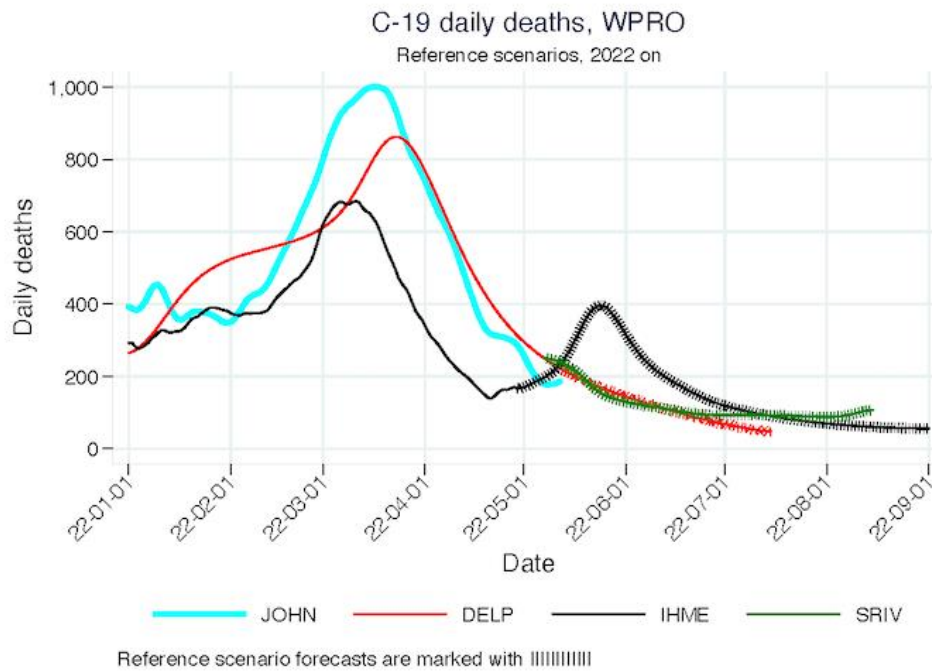
Selected graphs – Western Pacific region (WPRO)

(1) Western Pacific region [Daily deaths, reference scenarios, 2020 on](#)

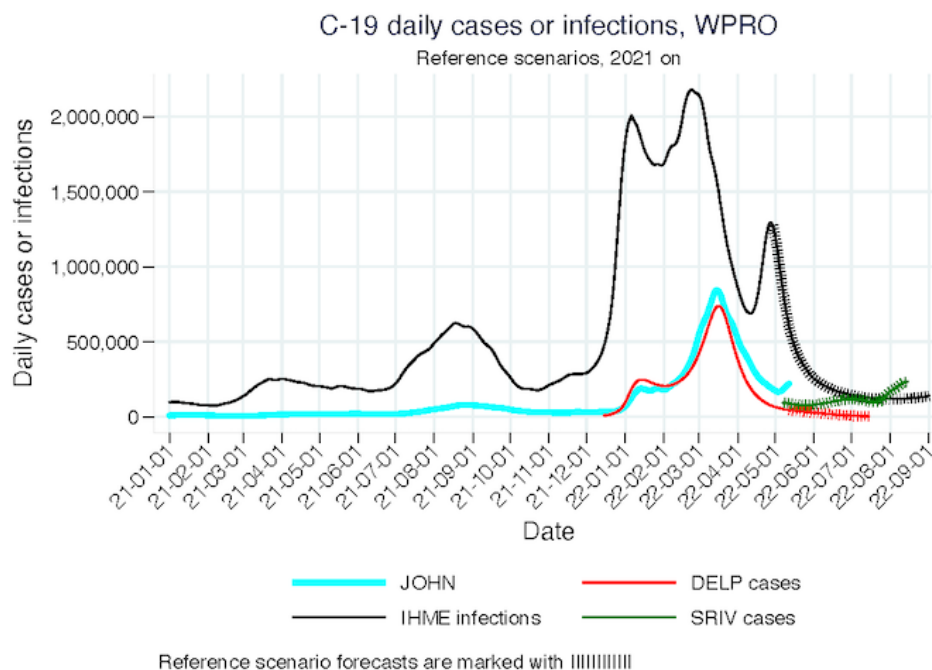


(3) Western Pacific region [Daily deaths, 3 scenarios, 2021 on](#)

(3b) Western Pacific region [Daily deaths, reference scenarios, 2022 on](#)



(4) Western Pacific region [Daily cases or infections, reference scenarios, 2020 on](#)



(6) Western Pacific region [Daily cases or infections, 3 scenarios, 2021 on](#)

(6b) Western Pacific region [Daily cases or infections, reference scenarios, 2022 on](#)

