

## Iran COVID-19 epidemic models situation report No 44 – 2022-02-18

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**Combine and visualize international periodically updated estimates of  
COVID-19 pandemic  
at the country level, countries without subnational level estimates  
Iran**

Based on uptake 20220218 in <https://github.com/pourmalek/covir2>

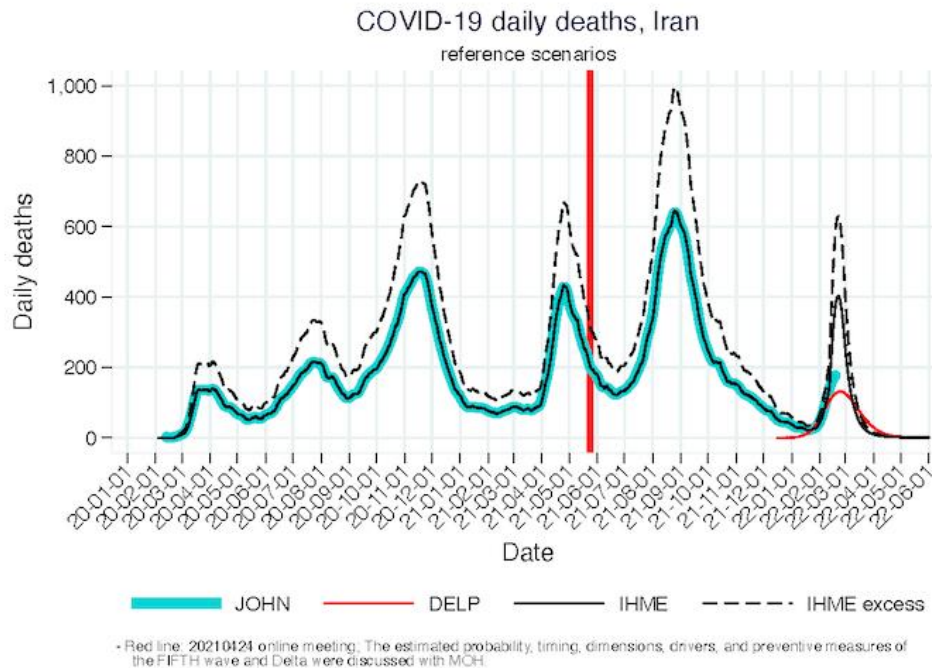
**DELP 20220218, IHME 20220218**, IMPE NO, SRIV NO

**IMPE 20220102** is > one month old and is not included in the graphs.

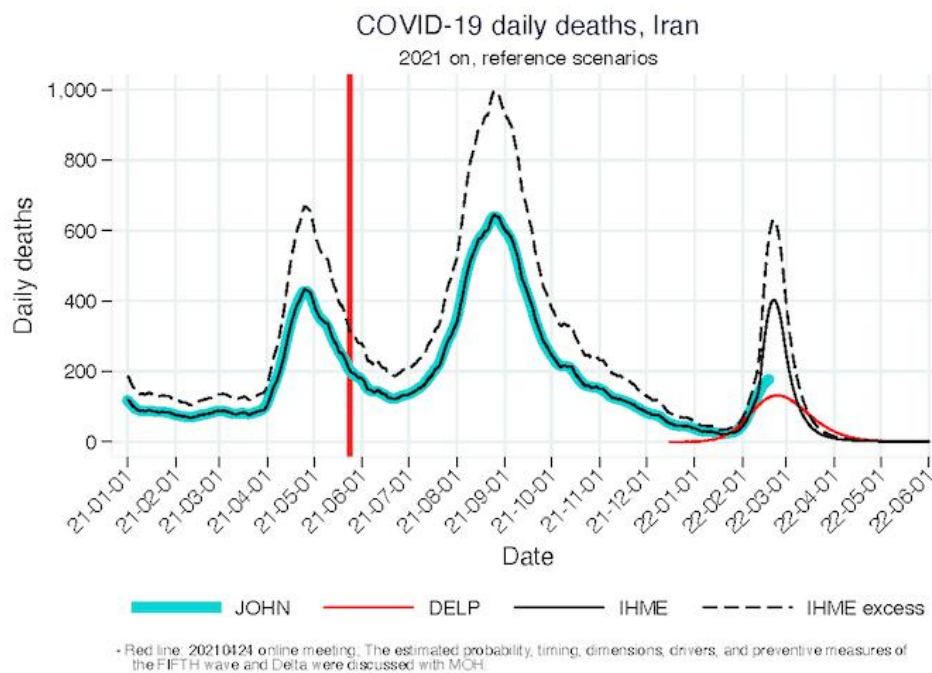
**SRIV** Highly implausibly high estimate.

## Selected graphs

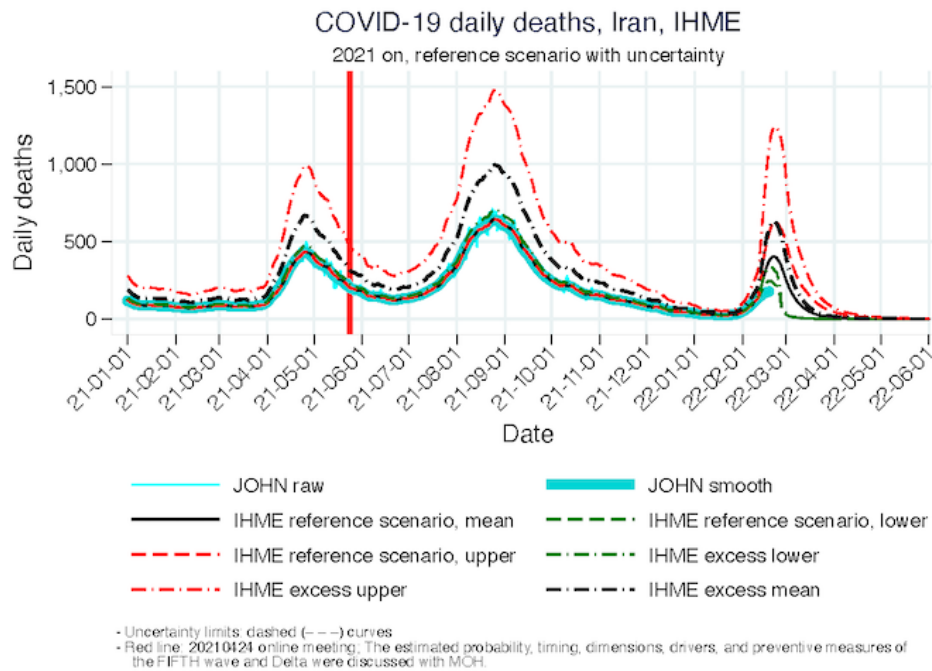
### (1) Iran [Daily deaths, all time](#)



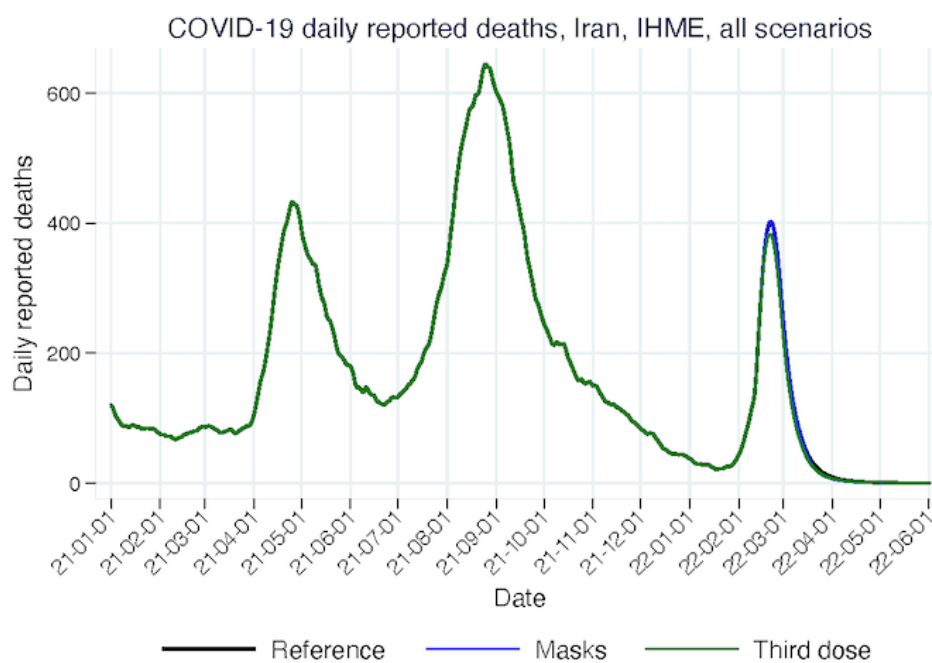
### (2) Iran [Daily deaths, 2021 on](#)



(3) Iran [Daily deaths, 2021 on, reference scenario with uncertainty, IHME](#)



(4) Iran [Daily deaths, 2021 on, all scenarios, IHME](#)



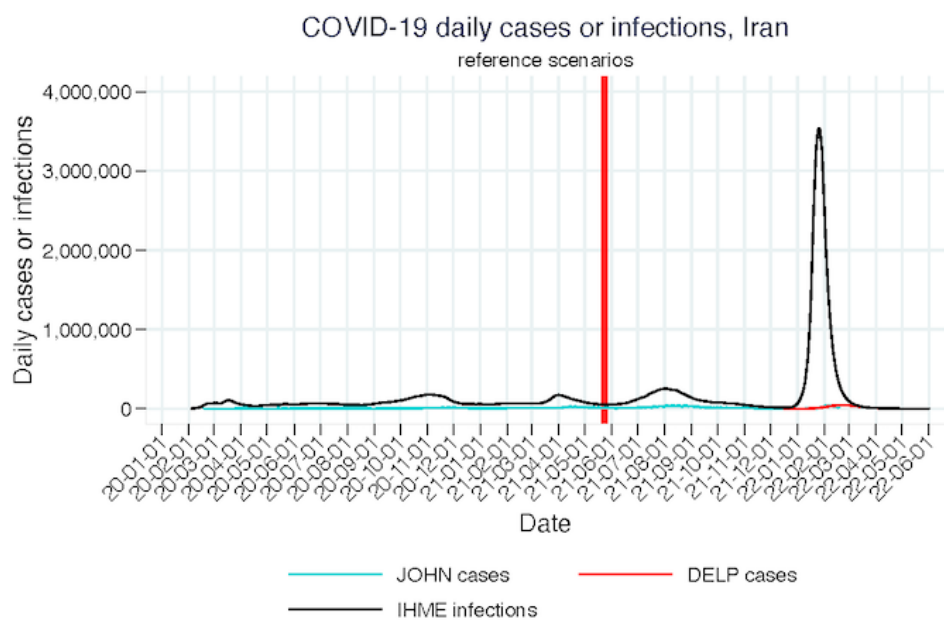
(5) Iran Daily deaths, 2021 on, reference scenario with uncertainty, IMPE

IMPE 20220102 is > one month old and is not included in the graphs.

(6) Iran Daily deaths, 2021 on, 3 scenarios, IMPE

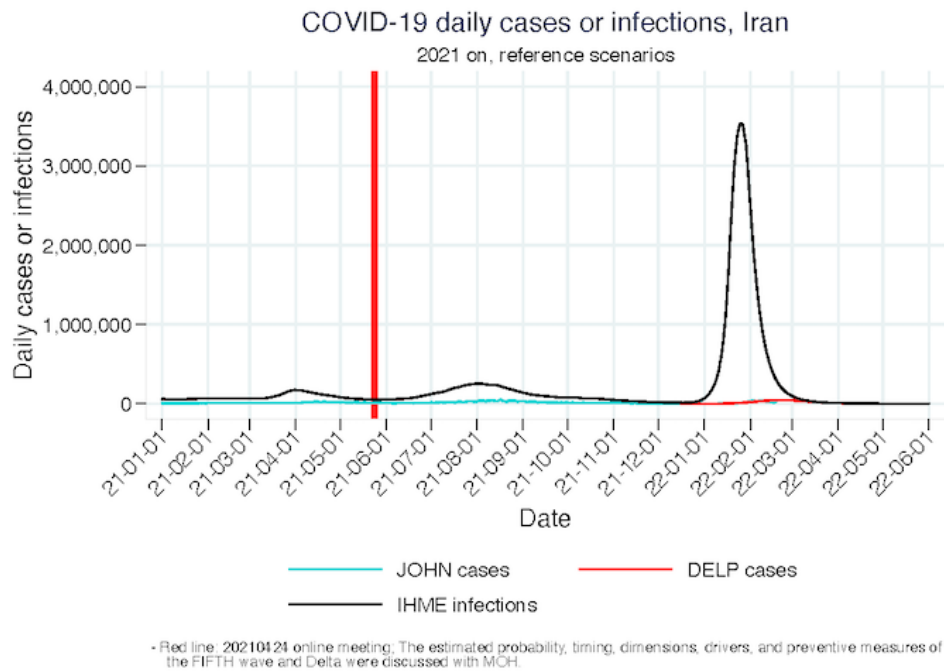
IMPE 20220102 is > one month old and is not included in the graphs.

(7) Iran [Daily cases or infections, all time](#)

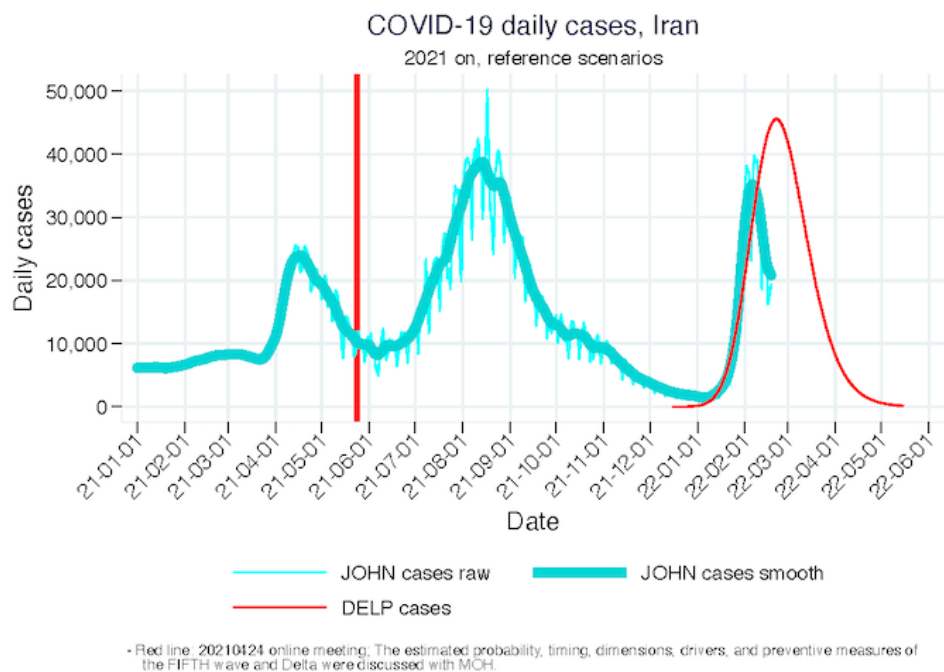


\* Red line: 20210124 online meeting. The estimated probability, timing, dimensions, drivers, and preventive measures of the FIFTH wave and Delta were discussed with MCH.

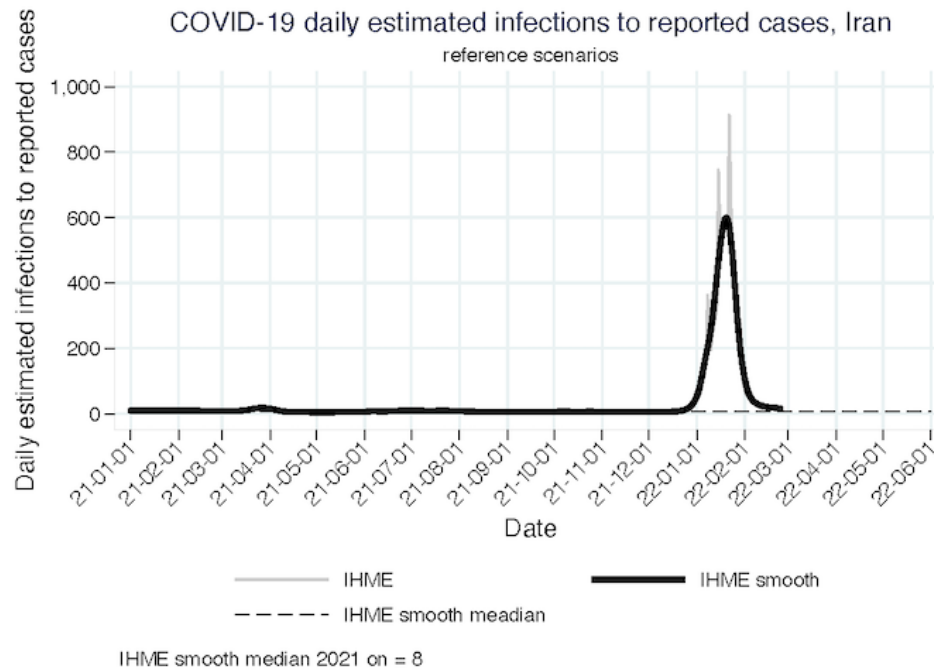
(8) Iran [Daily cases or infections, 2021 on](#)



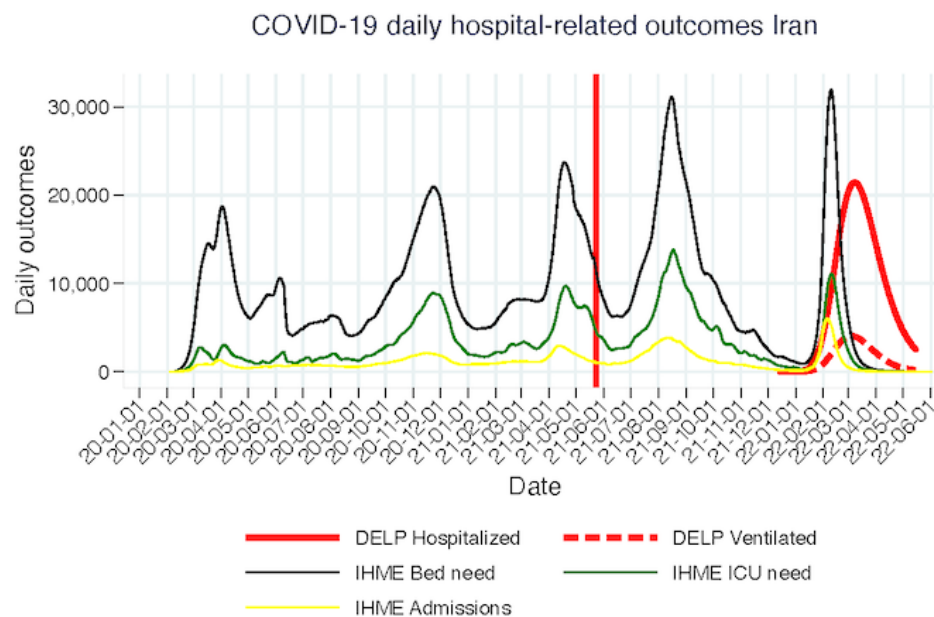
(8b) Iran [Daily cases, 2021 on](#)



(8c) Iran [Daily estimated infections IHME to reported cases JOHN, main scenarios, 2021 on](#)

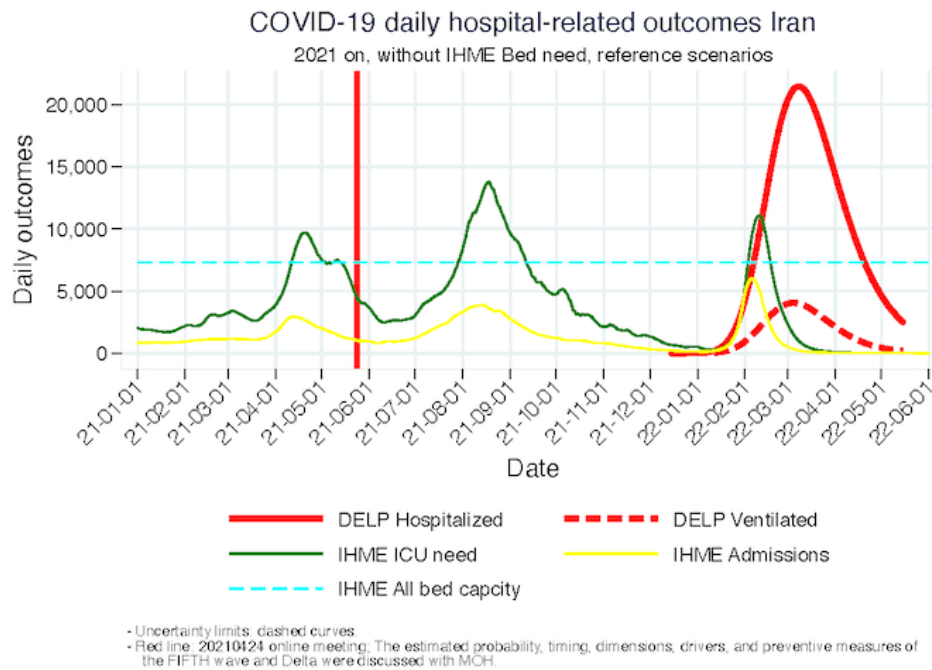


(9) Iran [Hospital-related outcomes, all time](#)

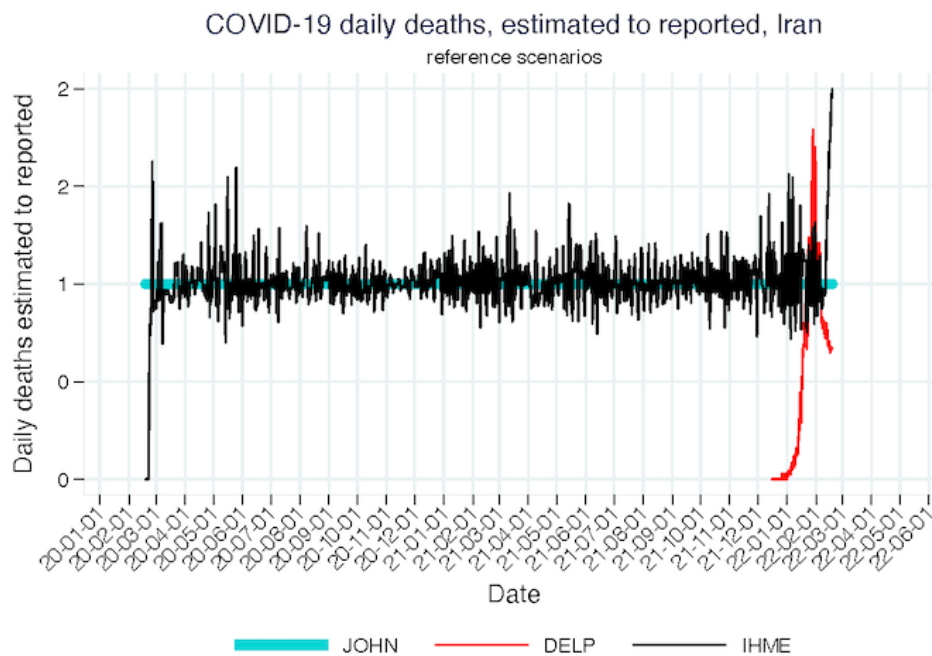


\* Red line: 20210424 online meeting; The estimated probability, timing, dimensions, drivers, and preventive measures of the FIFTH wave and Delta were discussed with MOH.

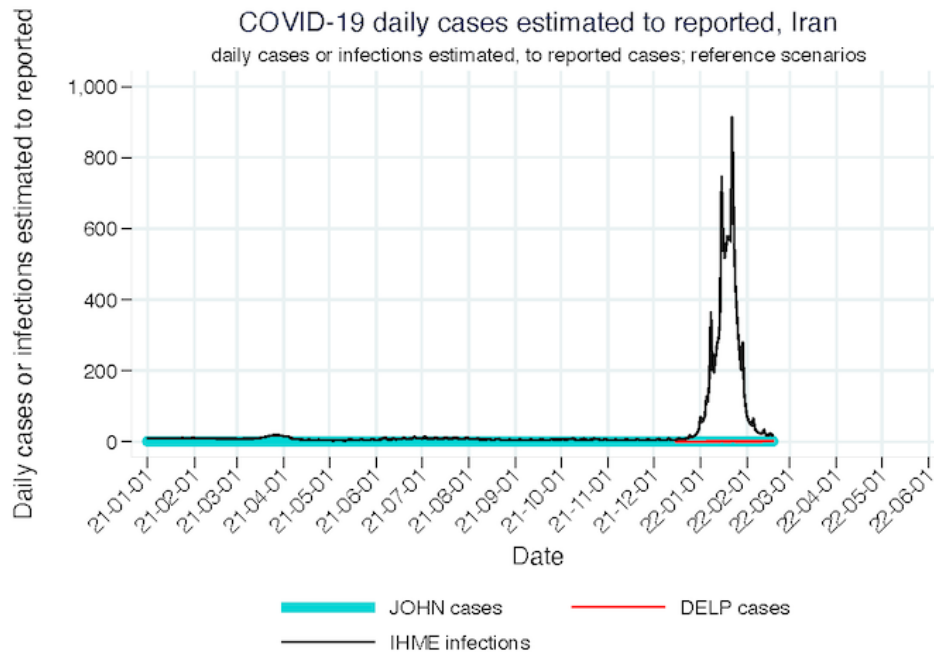
(10) Iran [Hospital-related outcomes, 2021 on](#)



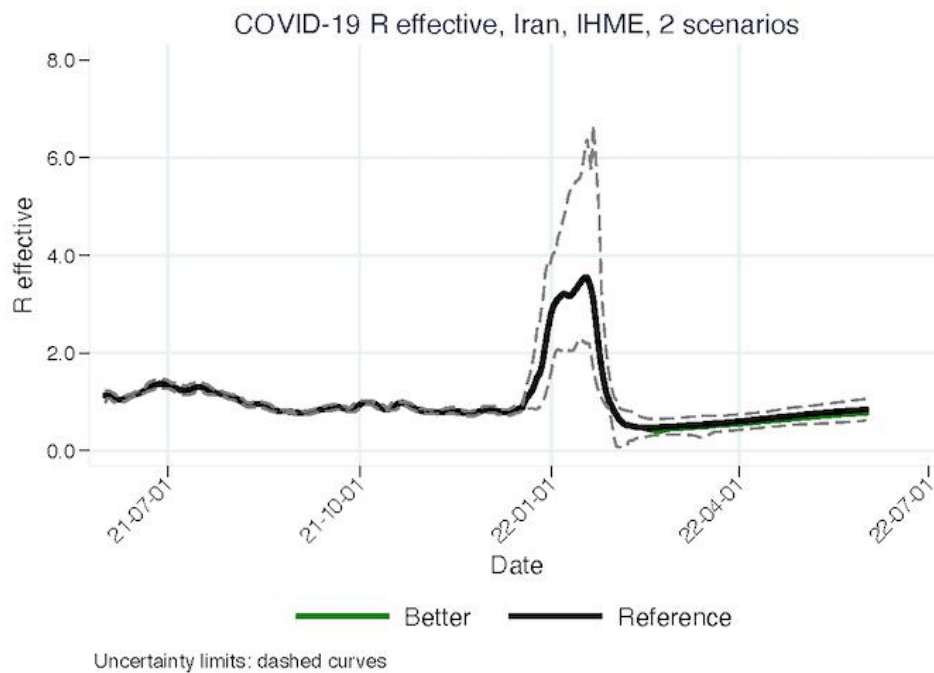
(11) Iran [Daily deaths estimated to reported, all time](#)



(12) Iran [Daily cases or infections estimated to reported cases, 2021 on](#)

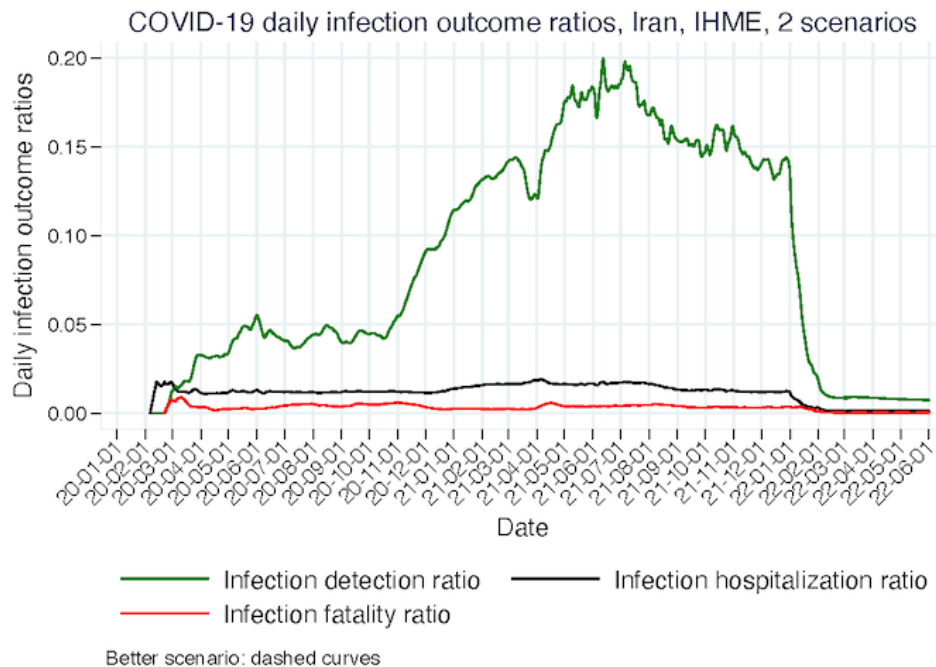


(13) Iran [R effective, 2 scenarios, 2021 on, IHME](#)

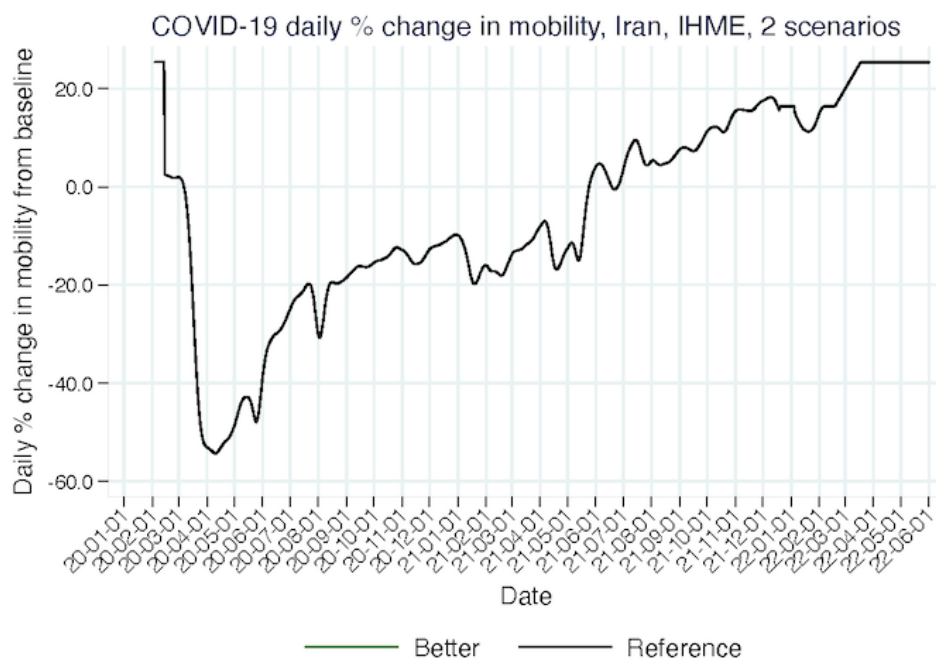


(14) Iran [Daily Infection-outcome ratios, 2 scenarios, 2021 on, IHME](#)

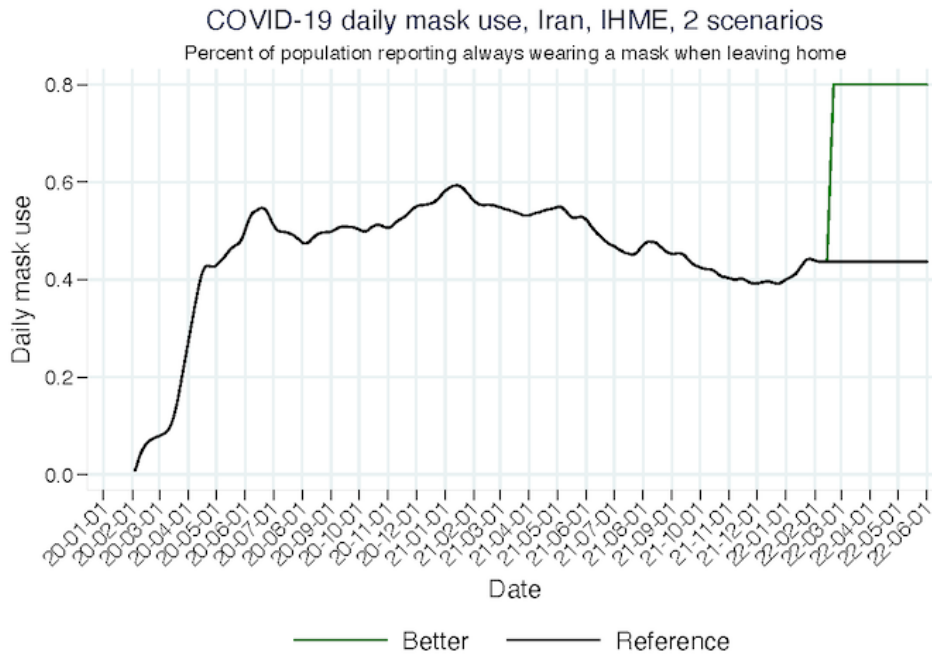




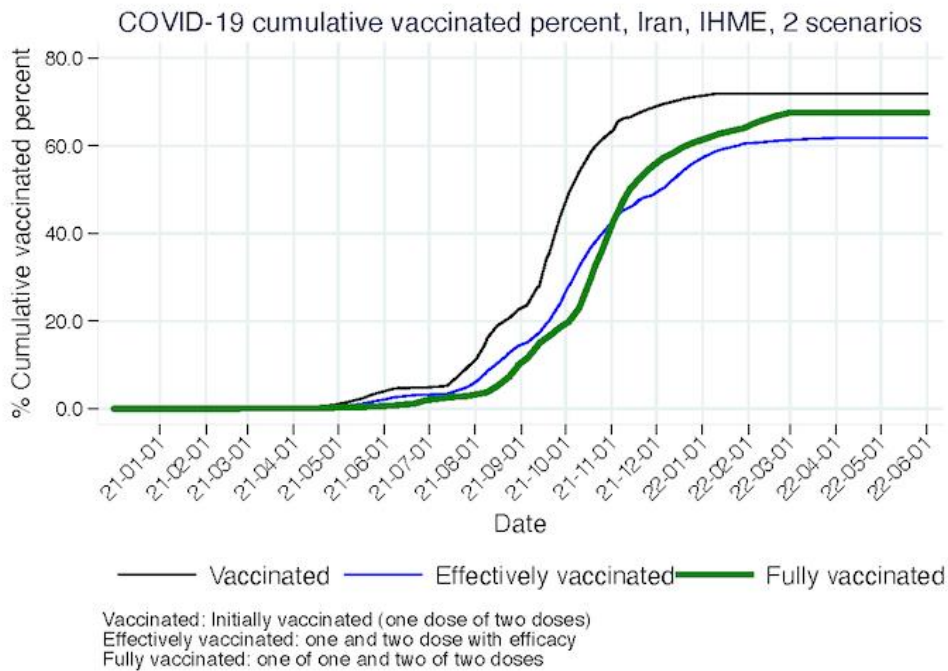
(15) Iran [Daily mobility, 2 scenarios, all time, IHME](#)



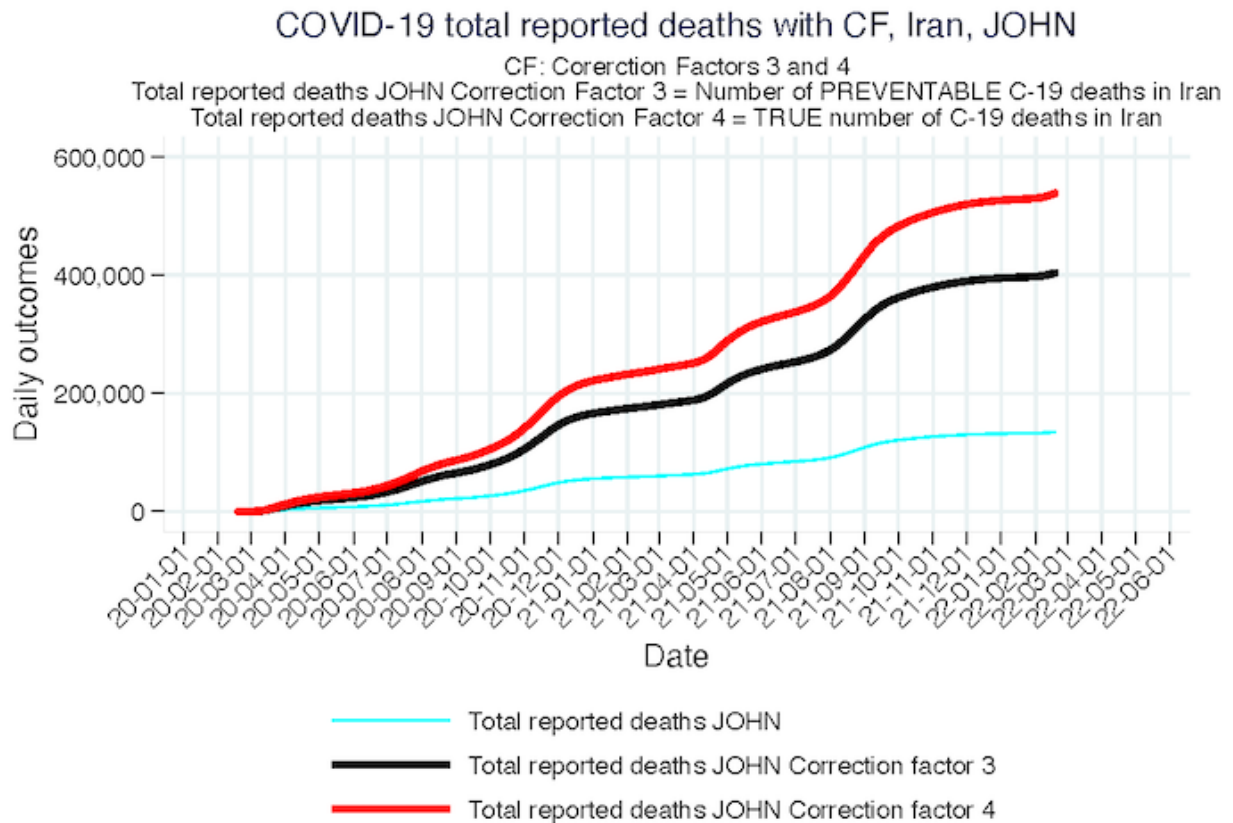
(16) Iran [Daily mask use, 2 scenarios, all time, IHME](#)



(17) Iran [Percent cumulative vaccinated, 2021 on, IHME](#)



(18) Iran [Total reported deaths with correction factors 4 and 5](#)



Total reported deaths JOHN Correction Factor 4 = TRUE number of COVID-19 deaths in Iran

Total reported deaths JOHN Correction Factor 3 = Number of PREVENTABLE COVID-19 deaths in Iran

Reported number of COVID-19 deaths in Iran up to 18 February 2022 = 134,607

**TRUE number of COVID-19 deaths in Iran up to 18 February 2022 = 538,428**

**Number of PREVENTABLE COVID-19 deaths in Iran up to 18 February 2022 = 403,821**