

Iran COVID-19 epidemic models situation report No 49 – 2022-03-18

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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 20220318 in <https://github.com/pourmalek/covir2>

Study update dates in uptake 20220318:

DELP 20220318, IHME 20220218, IMPE 20220120, **SRIV 20220318**

Summary 20220318:



The New Year ceremonies and travels increase number of contacts and probability of transmission and spread the virus across the country. These factors are not fully included in the models. As such, **a new surge** could be expected in Iran in March and April.

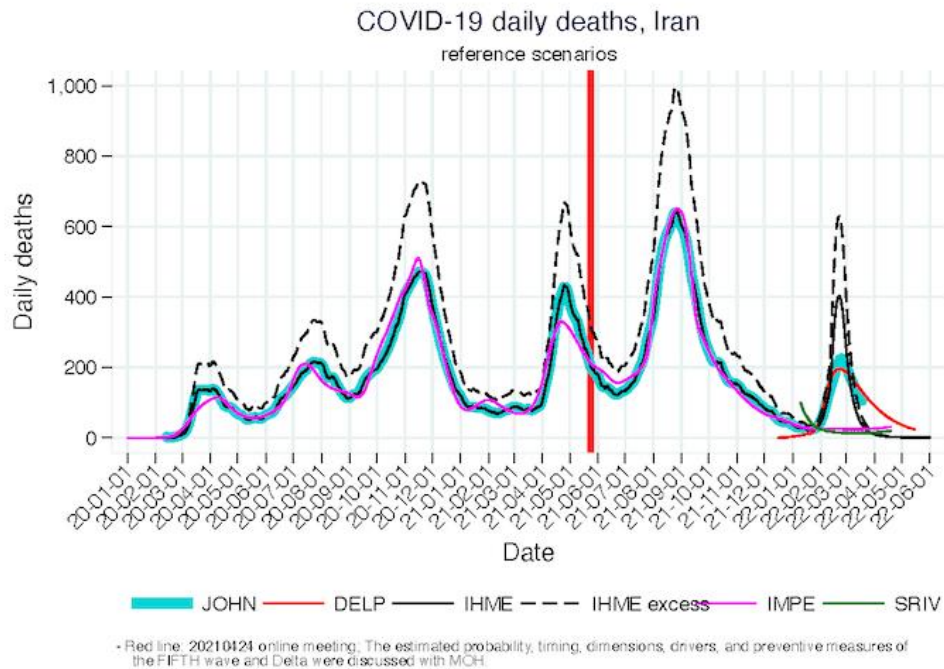
Considerable proportions of the COVID-19 cases and deaths that will occur in the new-coming 7th wave can be **prevented** by Non-Pharmaceutical Interventions (NPIs) and vaccination.

Names of models/studies in Farsi:

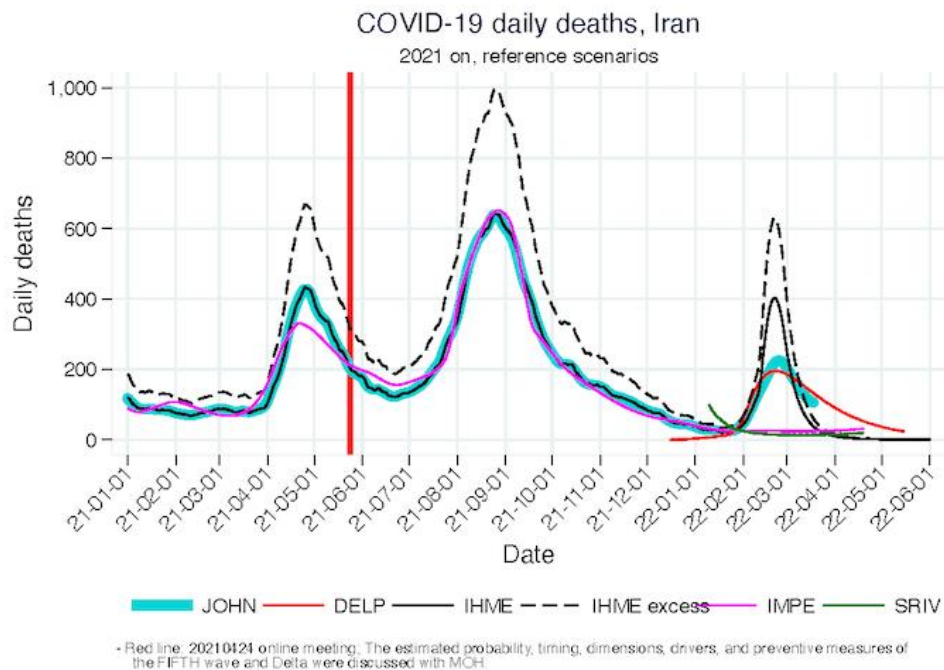
(DELP) مطالعه دلفی، انستیتوی فناوری ماساچوست کمبریج (منحنی قرمز رنگ)
(IHME) مطالعه موسسه آی اچ ام ای، دانشگاه واشنگتن سیاتل (منحنی سیاه رنگ)
(IMPE) مطالعه ایمپریال کالج لندن (منحنی صورتی رنگ)
(SRIV) مطالعه اسرئواستوا در دانشگاه کالیفرنیا جنوبی (منحنی سبز رنگ)
(JOHN) دانشگاه جانز هاپکینز، انعکاس گزارش های رسمی کشور ها به سازمان جهانی بهداشت (منحنی آبی رنگ)

Selected graphs

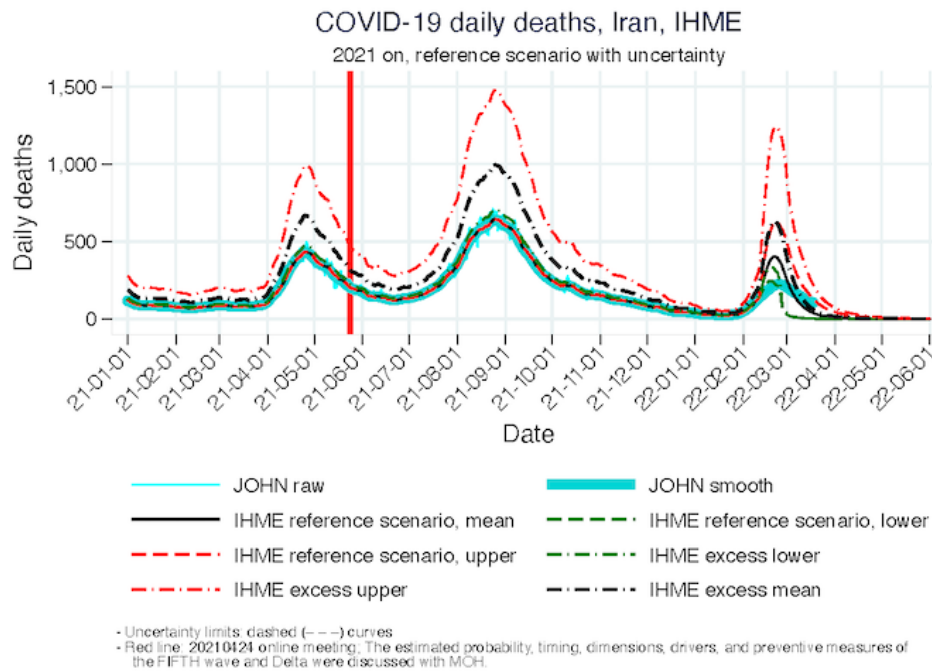
(1) Iran [Daily deaths, all time](#)



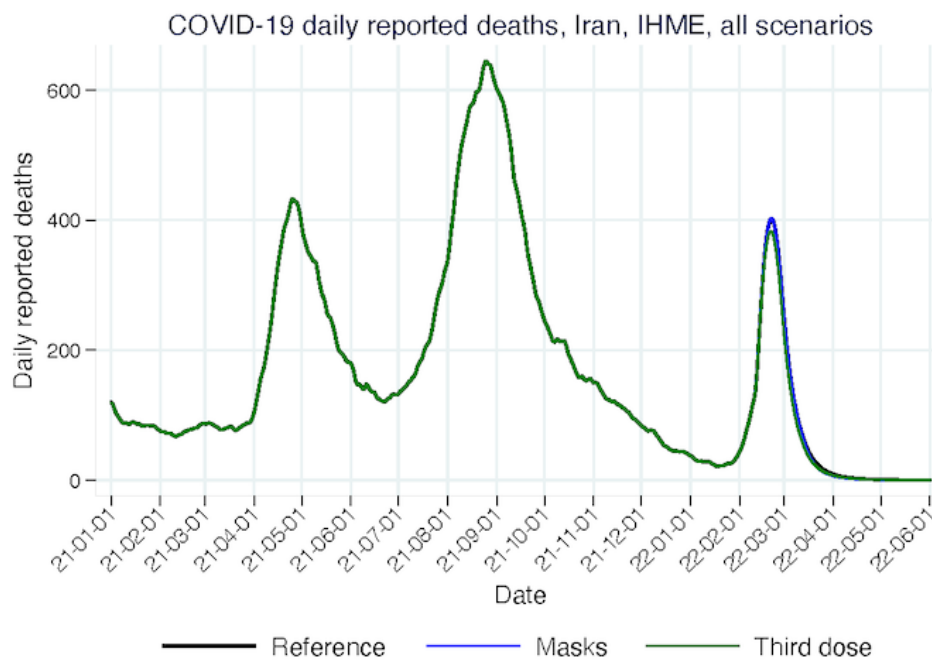
(2) Iran [Daily deaths, 2021 on](#)



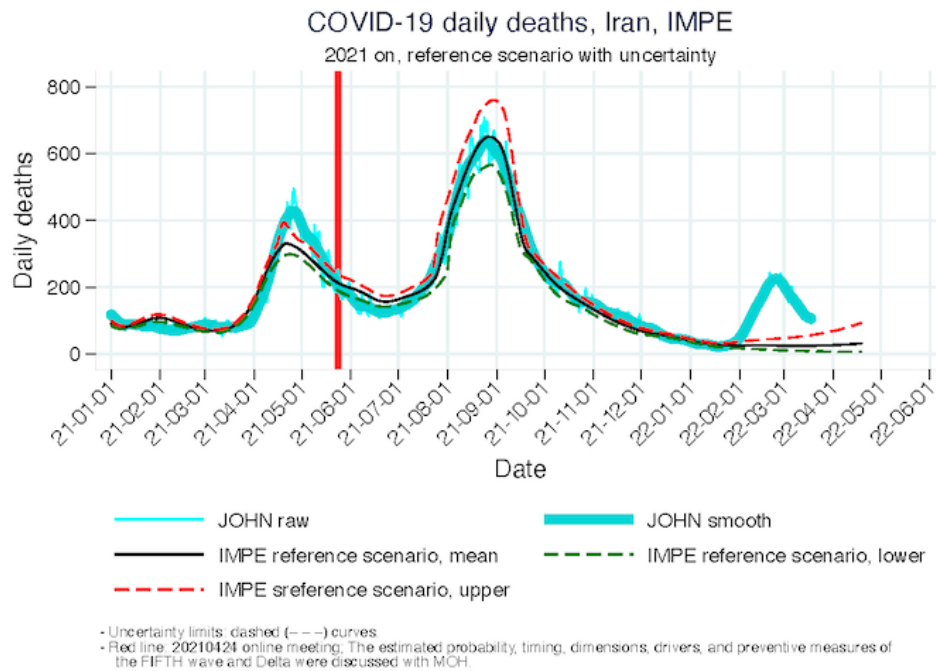
(3) Iran [Daily deaths, 2021 on, reference scenario with uncertainty, IHME](#)



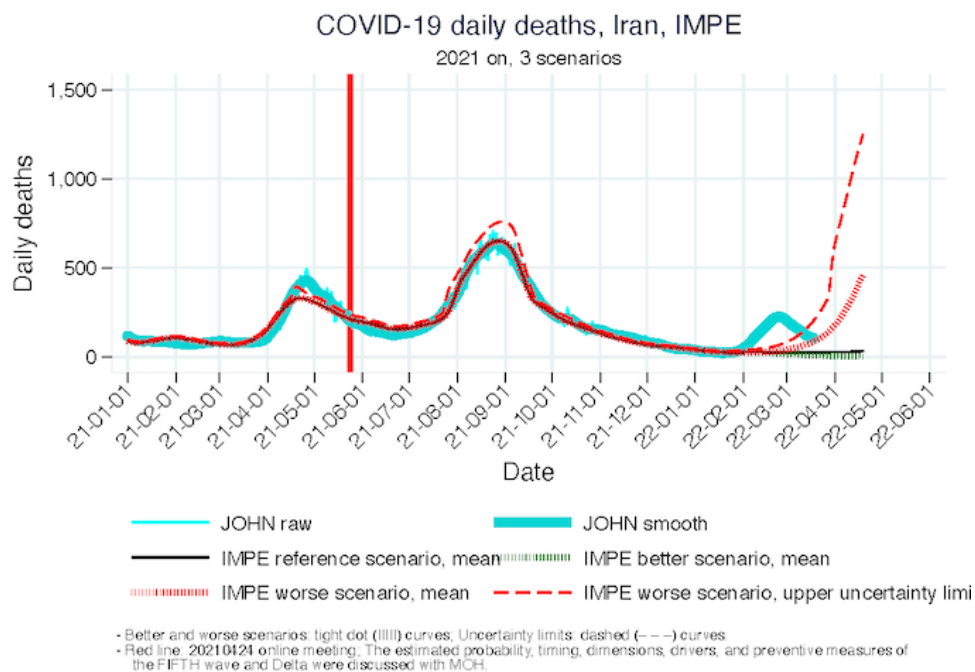
(4) Iran [Daily deaths, 2021 on, all scenarios, IHME](#)



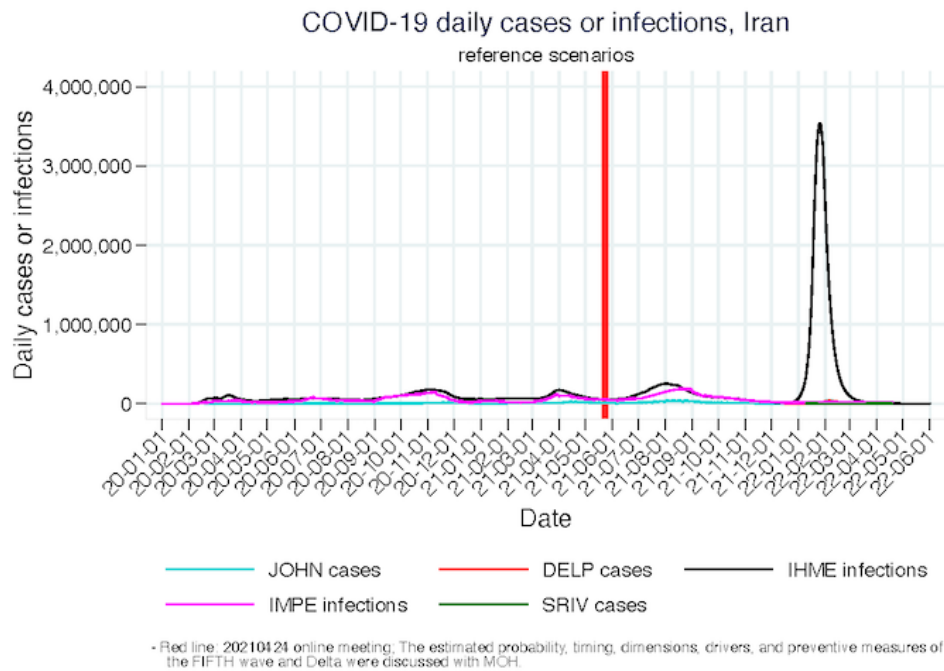
(5) Iran [Daily deaths, 2021 on, reference scenario with uncertainty, IMPE](#)



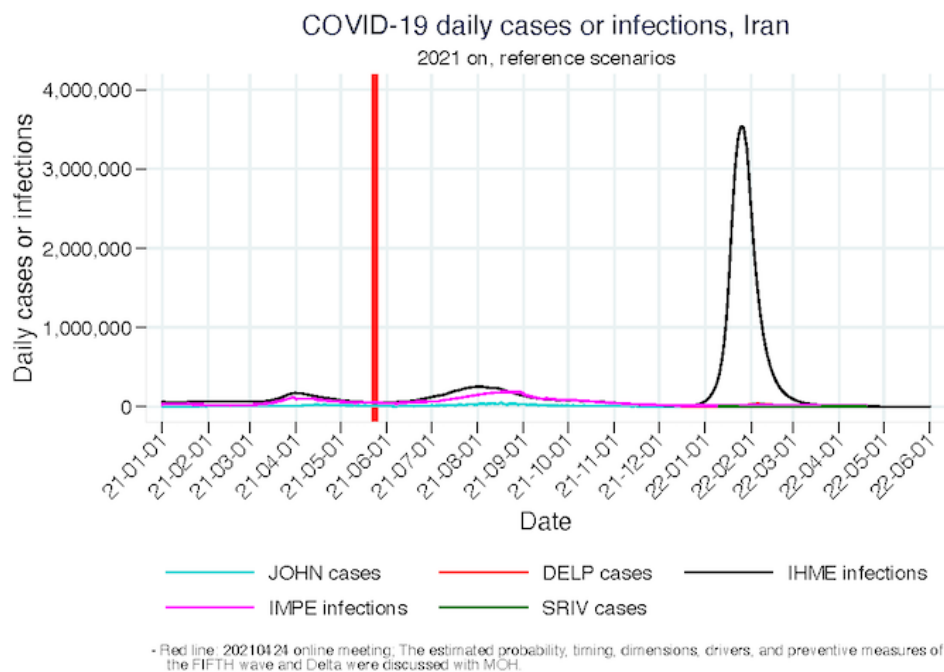
(6) Iran [Daily deaths, 2021 on, 3 scenarios, IMPE](#)



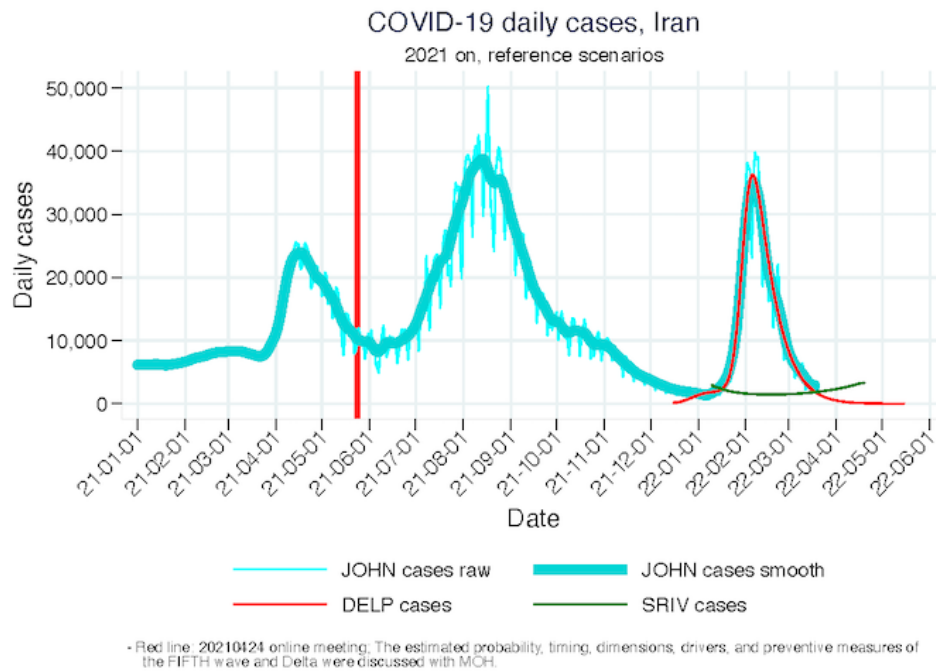
(7) Iran [Daily cases or infections, all time](#)



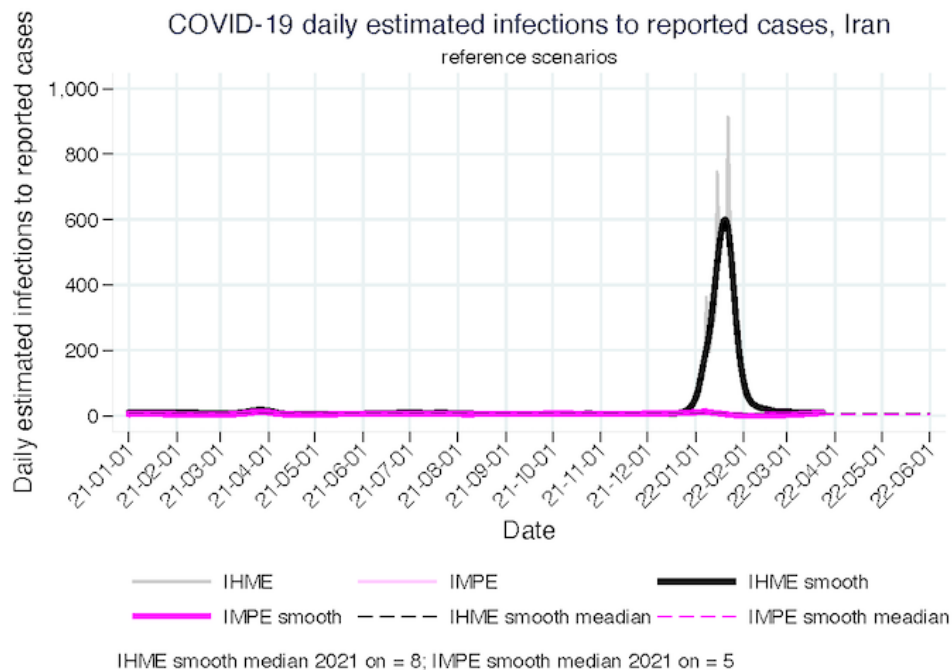
(8) Iran [Daily cases or infections, 2021 on](#)



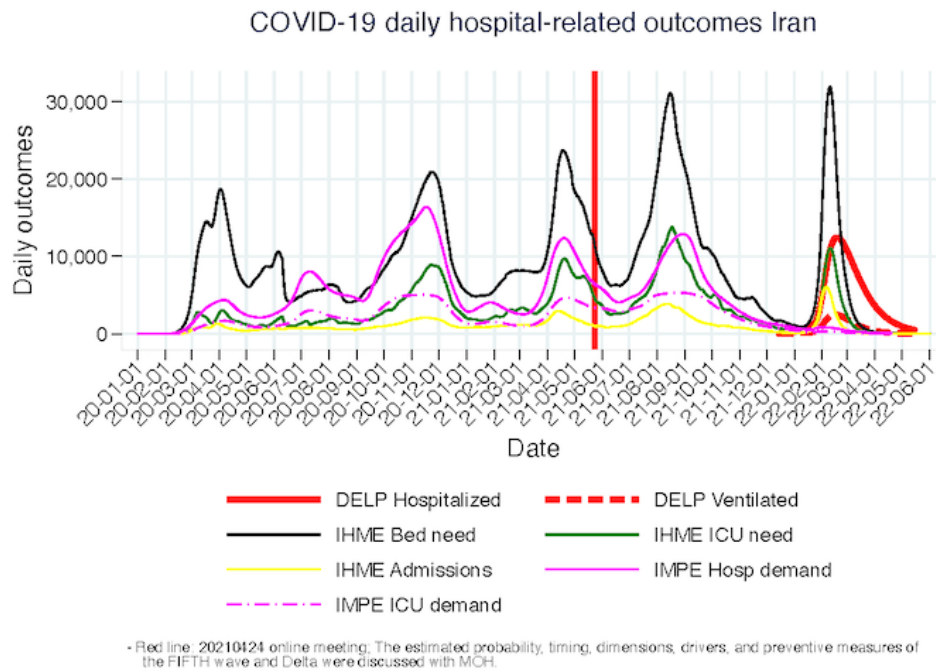
(8b) Iran [Daily cases, 2021 on](#)



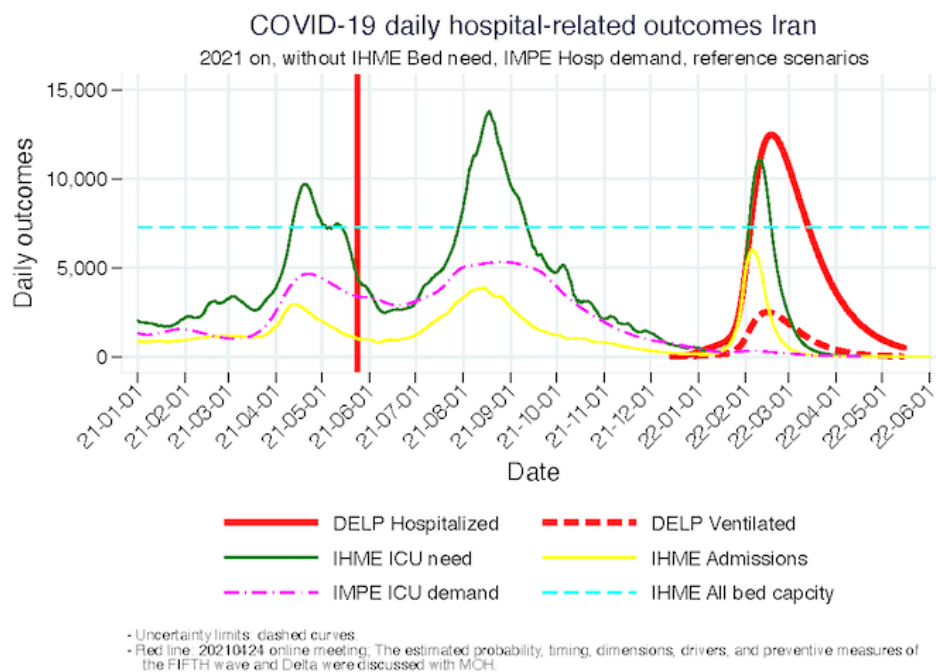
(8c) Iran [Daily estimated infections IHME, IMPE to reported cases JOHN, main scenarios, 2021 on](#)



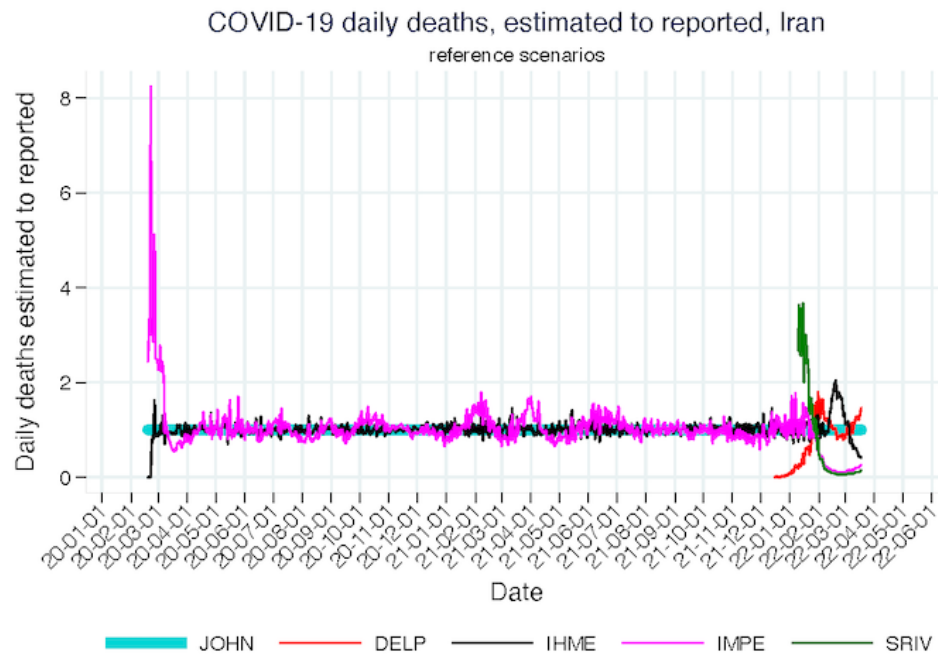
(9) Iran [Hospital-related outcomes, all time](#)



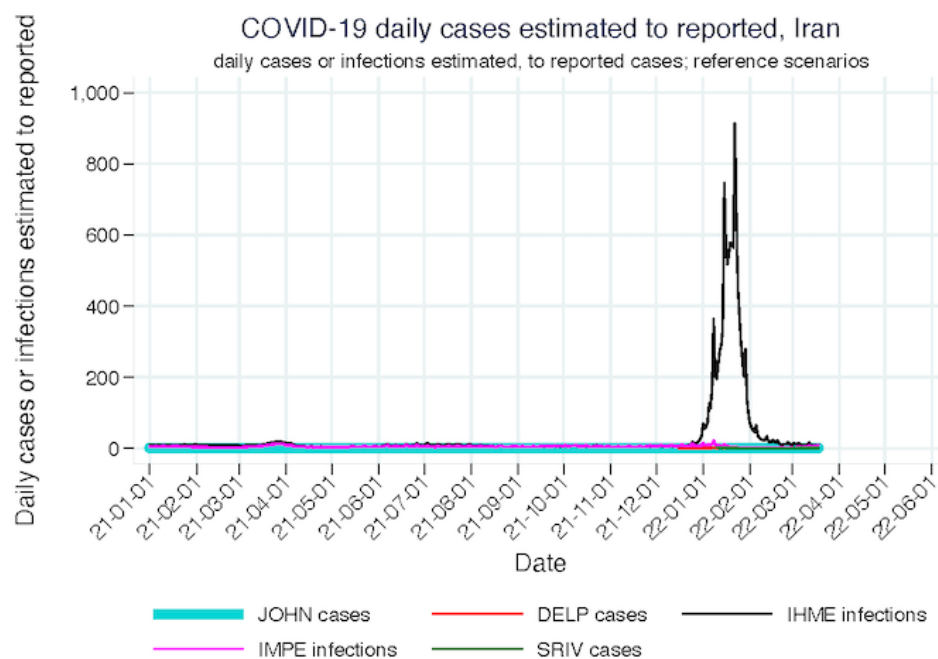
(10) Iran [Hospital-related outcomes, 2021 on](#)



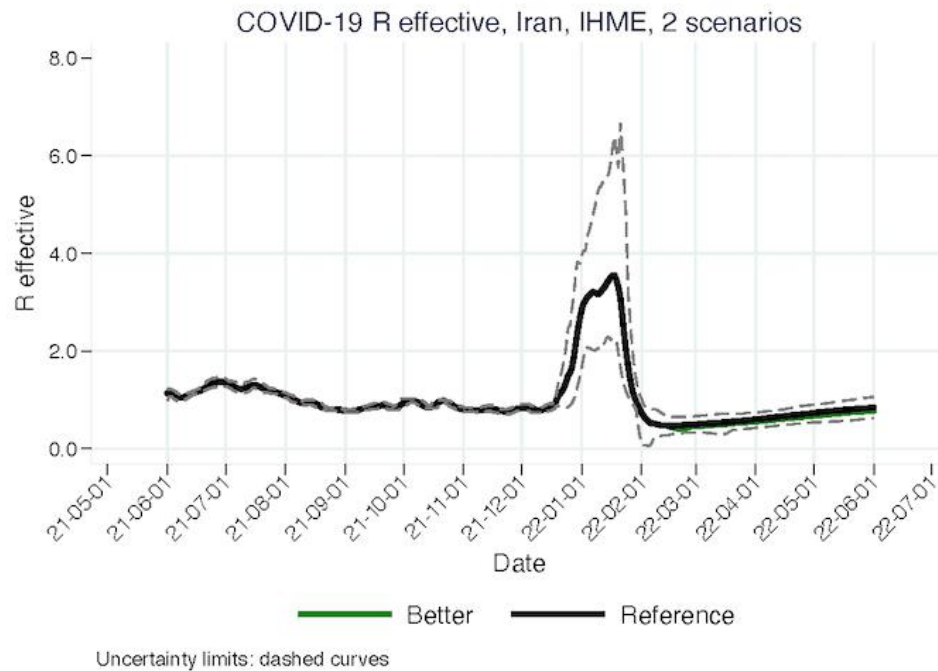
(11) Iran [Daily deaths estimated to reported, all time](#)



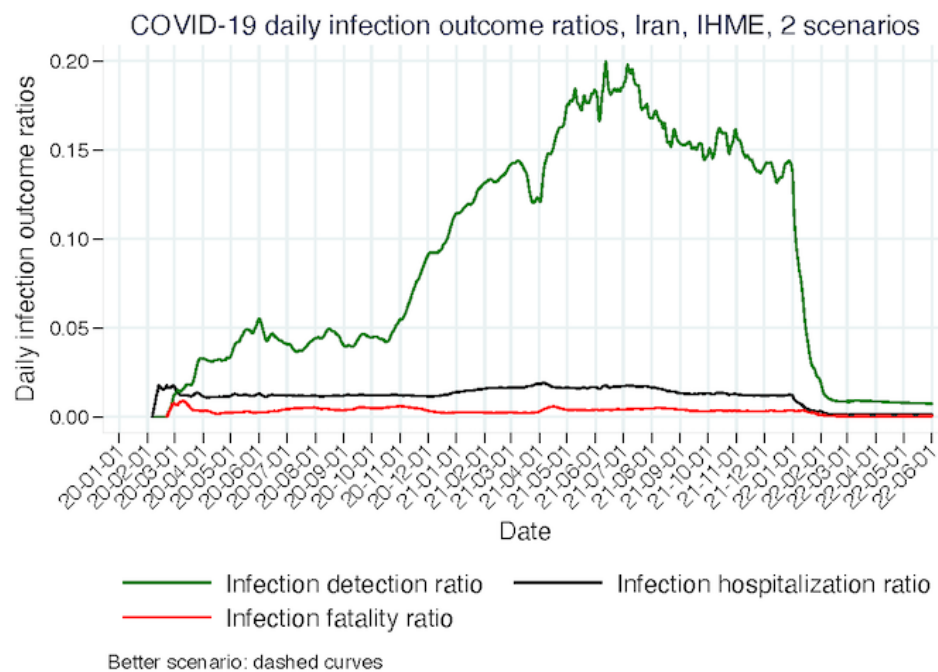
(12) Iran [Daily cases or infections estimated to reported cases, 2021 on](#)



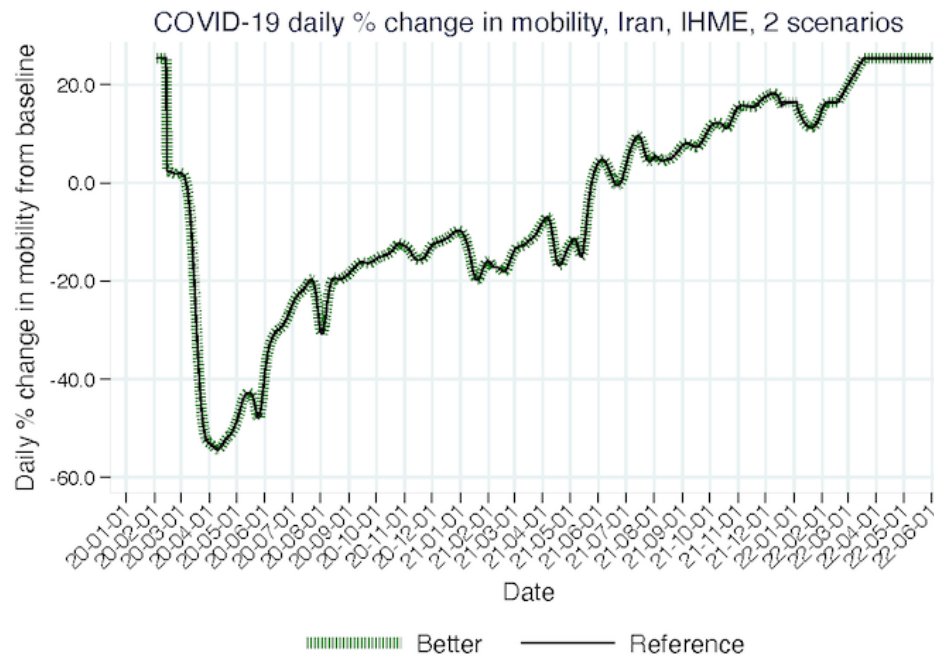
(13) Iran [R effective, 2 scenarios, 2021 on, IHME](#)



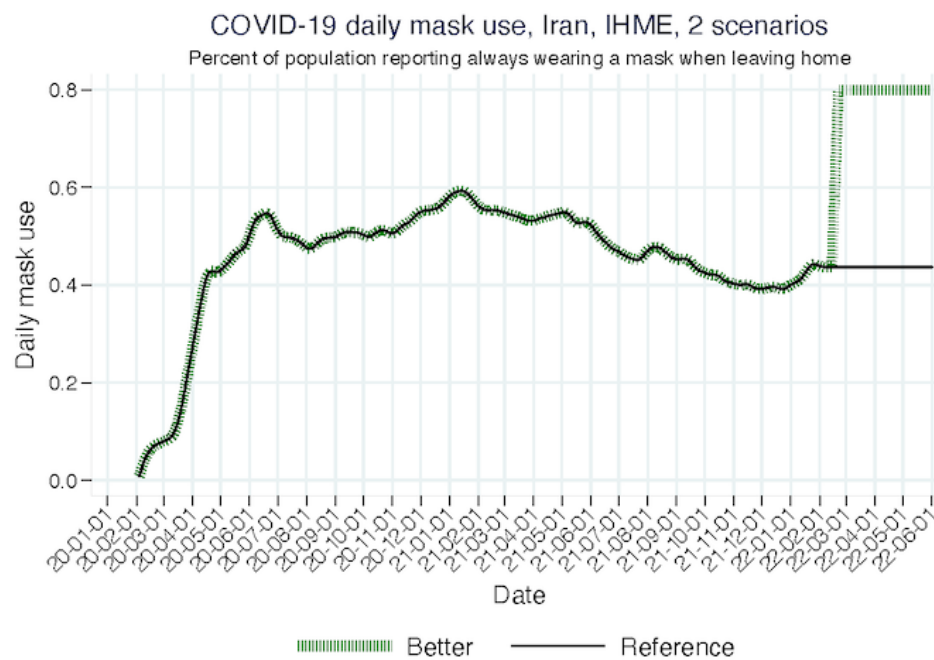
(14) Iran [Daily Infection-outcome ratios, 2 scenarios, 2021 on, IHME](#)



(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](#)

