#### Iran COVID-19 epidemic models situation report No 53 – 2022-04-15

Farshad Pourmalek MD PhD

Former lecturer, University of British Columbia, Vancouver | <u>UBC SPPH</u> | <u>ORCID</u> | <u>PubMed</u> pourmalek\_farshad@yahoo.com

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

Based on uptake 20220415 in <a href="https://github.com/pourmalek/covir2">https://github.com/pourmalek/covir2</a> Study update dates in uptake 20220415:

DELP 20220415, IHME 20220408, no IMPE, SRIV 20220413

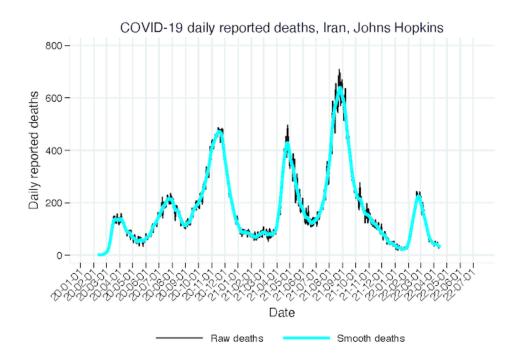
Days old: DELP 0, IHME 7, no IMPE, SRIV 2

The latest available IMPE update (i.e., 2022-01-31) is 75 days old on 2022-04-15. Not included.

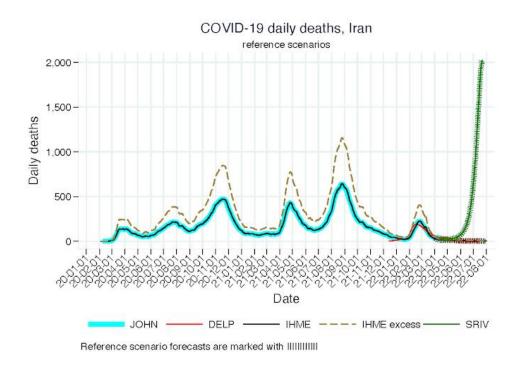
#### Names of models/studies in Farsi:

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(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 اسریواستاوا در دانشگاه کالیفرنیای جنوبی (منحنی سبز رنگ)
(JOHN) دانشگاه جانز هاپکینز، انعکاس گزارش های رسمی کشور ها به سازمان جهانی بهداشت (منحنی آبی رنگ)
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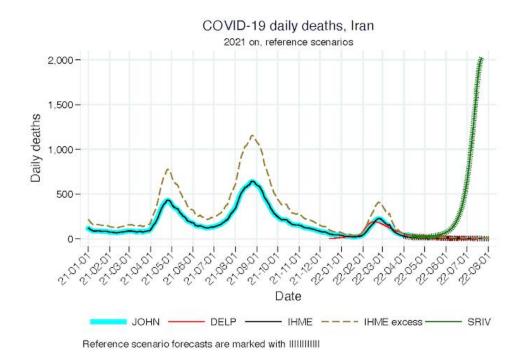
# (0) Iran Daily reported deaths, JOHN, all times



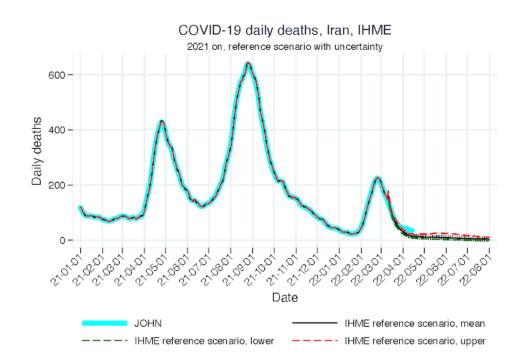
# (1) Iran Daily deaths, all time



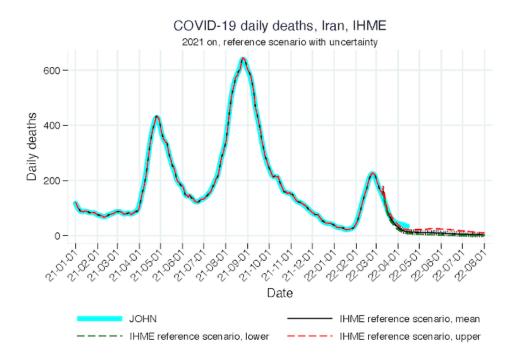
#### (2) Iran Daily deaths, 2021 on



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



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



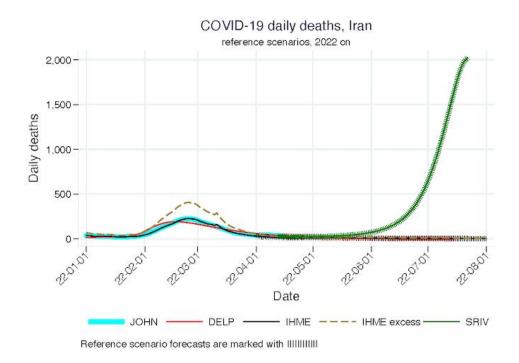
## (5) Iran Daily deaths, 2021 on, reference scenario with uncertainty, IMPE

The latest available IMPE update (i.e., 2022-01-31) is 75 days old on 2022-04-08. Not included.

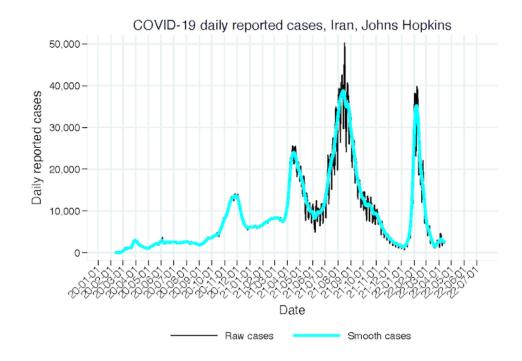
# (6) Iran Daily deaths, 2021 on, 3 scenarios, IMPE

The latest available IMPE update (i.e., 2022-01-31) is 75 days old on 2022-04-08. Not included.

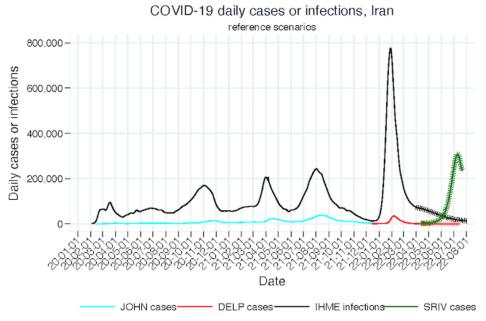
# (6b) Iran Daily deaths, reference scenario, 2022 on



# (00) Iran Daily reported cases, JOHN, all times

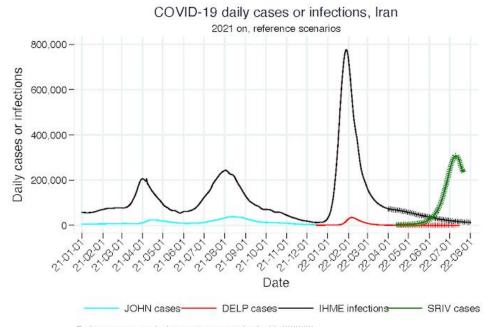


# (7) Iran Daily cases or infections, all time



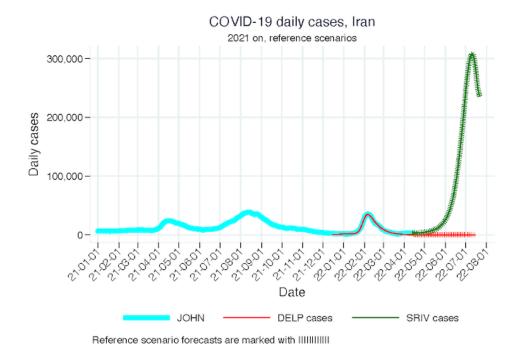
Reference scenario forecasts are marked with IIIIIIIIIII

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

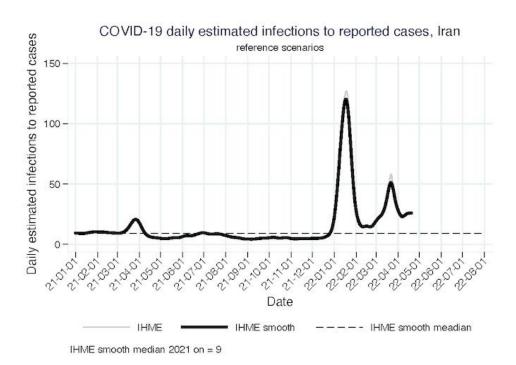


Reference scenario forecasts are marked with IIIIIIIIIII

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

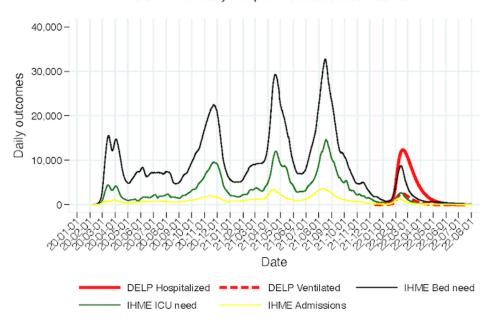


# (8c) Iran <u>Daily estimated infections IHME to reported cases JOHN, main scenarios, 2021</u> on

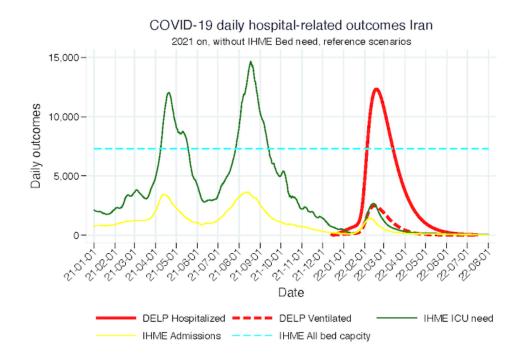


# (9) Iran Hospital-related outcomes, all time

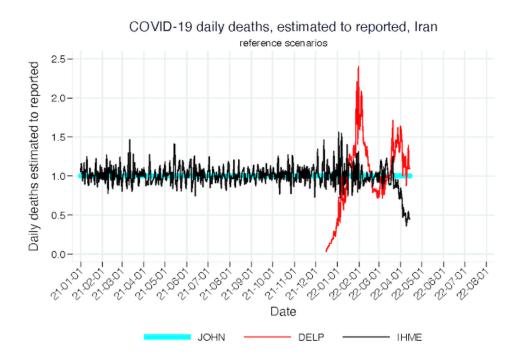
COVID-19 daily hospital-related outcomes Iran



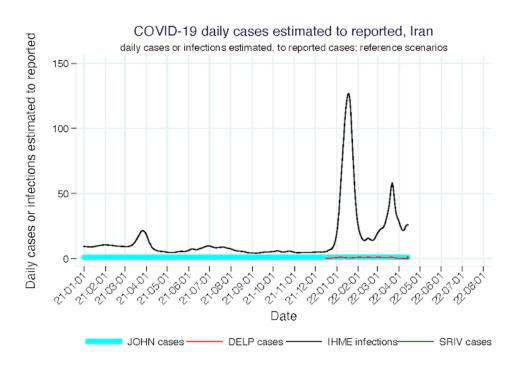
## (10) Iran Hospital-related outcomes, 2021 on



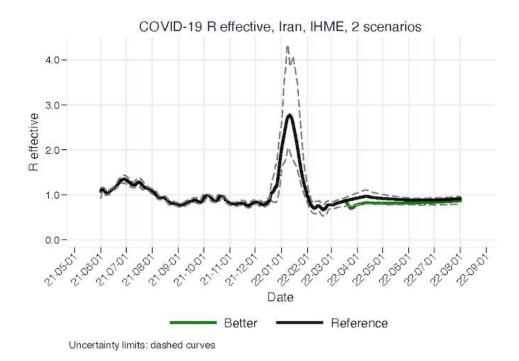
## (11) Iran Daily deaths estimated to reported, all time



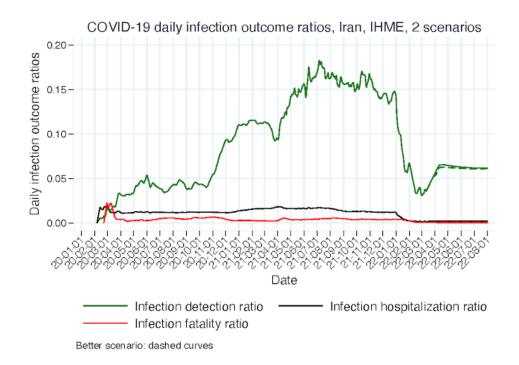
# (12) Iran Daily cases or infections estimated to reported cases, 2021 on



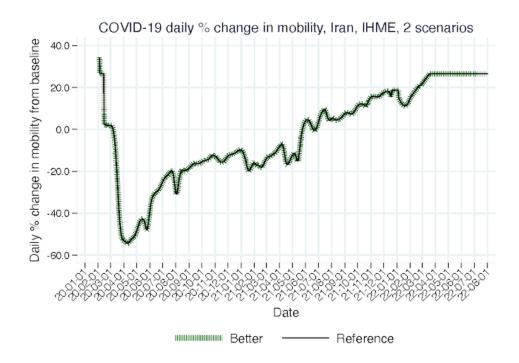
## (13) Iran R effective, 2 scenarios, 2021 on, IHME



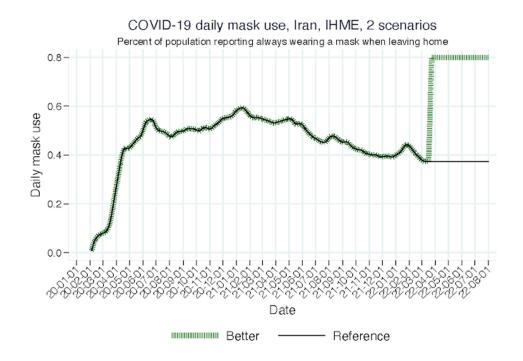
# (14) Iran Daily Infection-outcome ratios, 2 scenarios, 2021 on, IHME



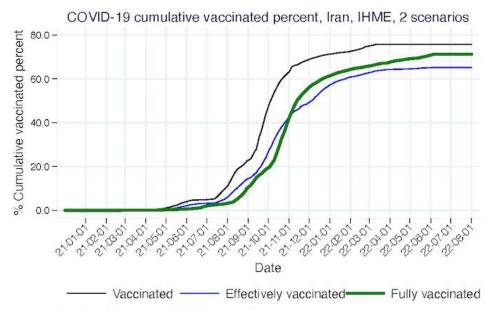
# (15) Iran Daily mobility, 2 scenarios, all time, IHME



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



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



Vaccinated: Initially vaccinated (one dose of two doses) Effectively vaccinated: one and two dose with efficacy Fully vaccinated: one of one and two of two doses