

## Iran COVID-19 epidemic models situation report No 59 – 2022-05-27

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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 20220527 in <https://github.com/pourmalek/covir2>

### Study update dates in uptake 20220520

**DELP 20220520**, IHME 20220506, No IMPE, **SRIV 20220520**

Days old: DELP 0, IHME 14, IMPE 67, SRIV 0

IMPE update 20220315 was released on 20220505 and is > 60 days old on 20220520.  
Not included.

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

*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](#)

## Summary 20220527:

Beware of variants and new variants. Iran will know about variants in Iran via other countries.

## NEXT-DEMICS:

(1) **MONKEY POX**: Status uncertain.

(2) **FOOD SCARCITY** and malnutrition plus **WATER SCARCITY** and **WEATHER CALAMITIES** (environmental degradation, global warming) culminate in epidemics of nutritional, infectious, and non-communicable diseases in many countries, probably resulting in a new pandemic.

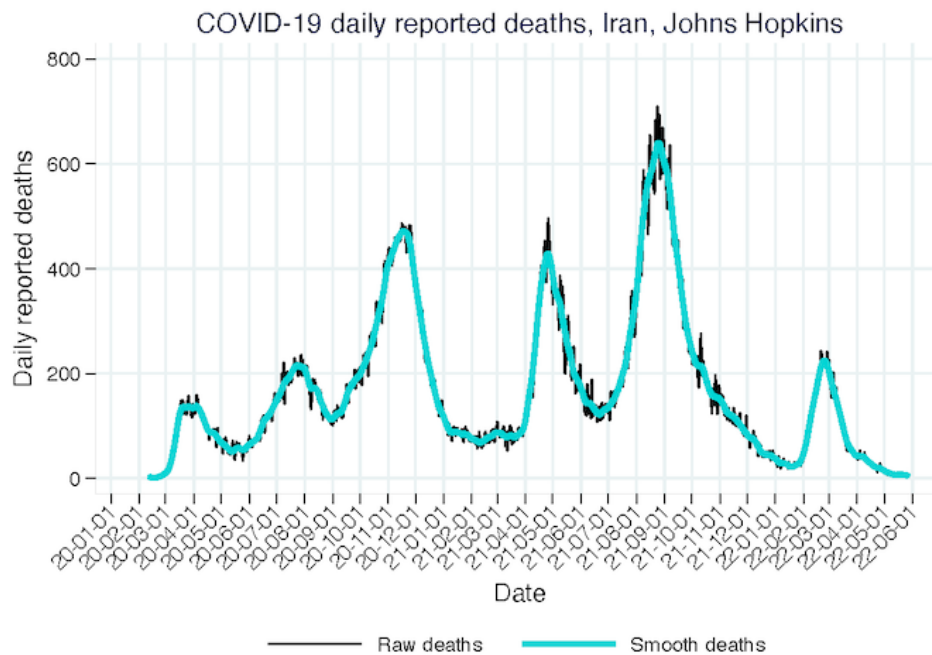
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## Names of models/studies in Farsi:

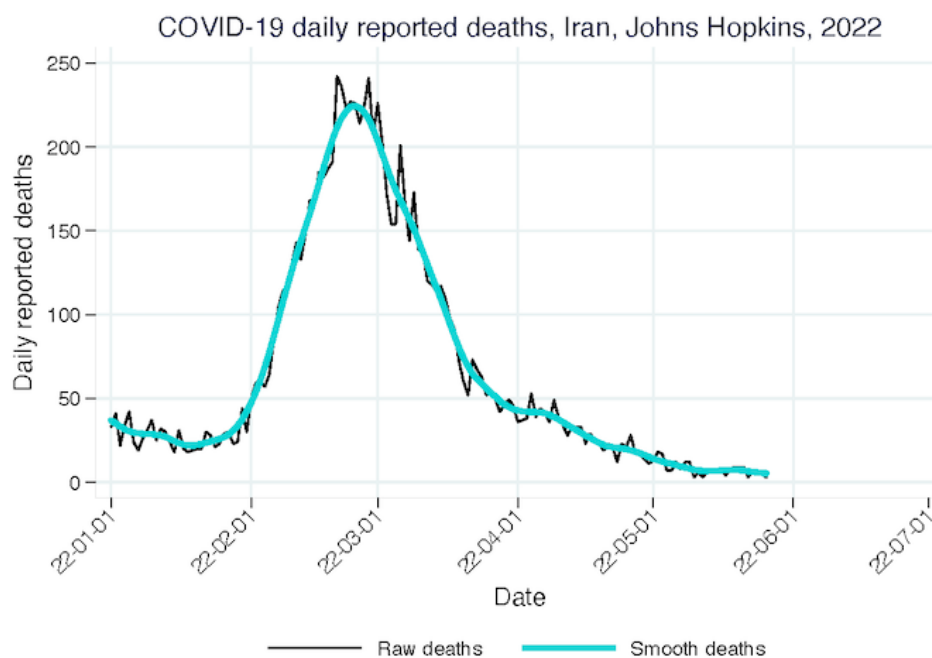
(DELP) مطالعه دلفی، انستیتوی فناوری ماساچوست کمبریج (منحنی قرمز رنگ)  
(IHME) مطالعه موسسه آی اچ ام ای، دانشگاه واشنگتن سیاتل (منحنی سیاه رنگ)  
(IMPE) مطالعه ایمپریال کالج لندن (منحنی صورتی رنگ)  
(SRIV) مطالعه اسرئواستوا در دانشگاه کالیفرنیا جنوبی (منحنی سبز رنگ)  
(JOHN) دانشگاه جانز هاپکینز، انعکاس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

## Selected graphs

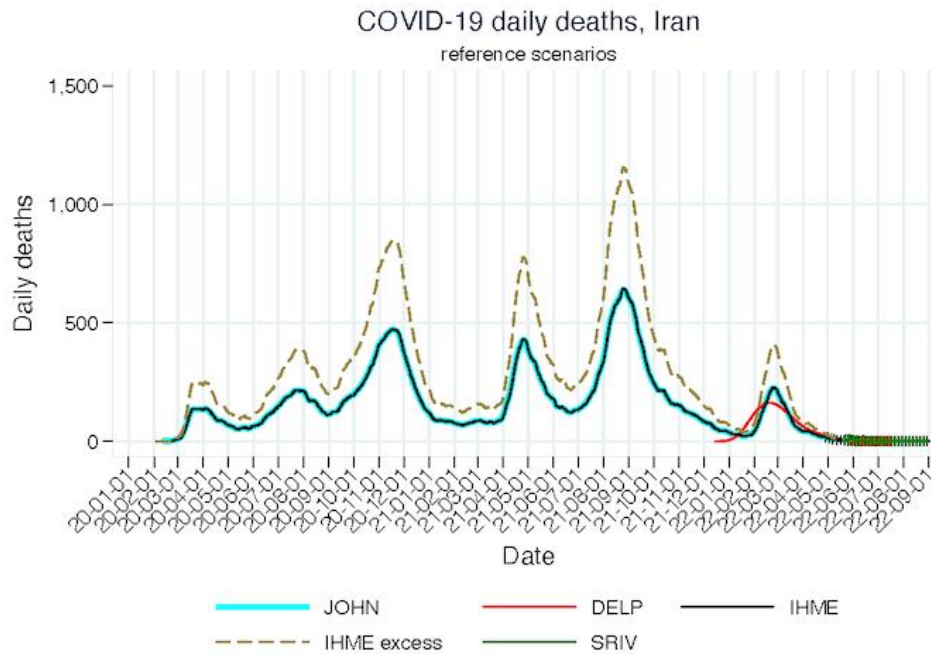
(0) Iran [Daily reported deaths, JOHN, all times](#)



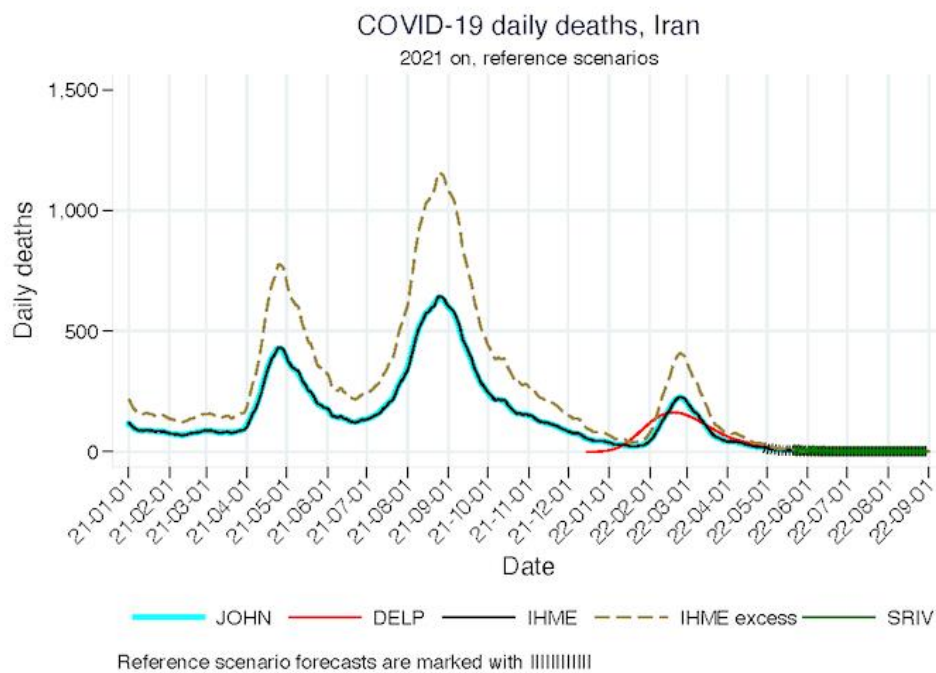
(0b) Iran [Daily reported deaths, JOHN, 2022](#)



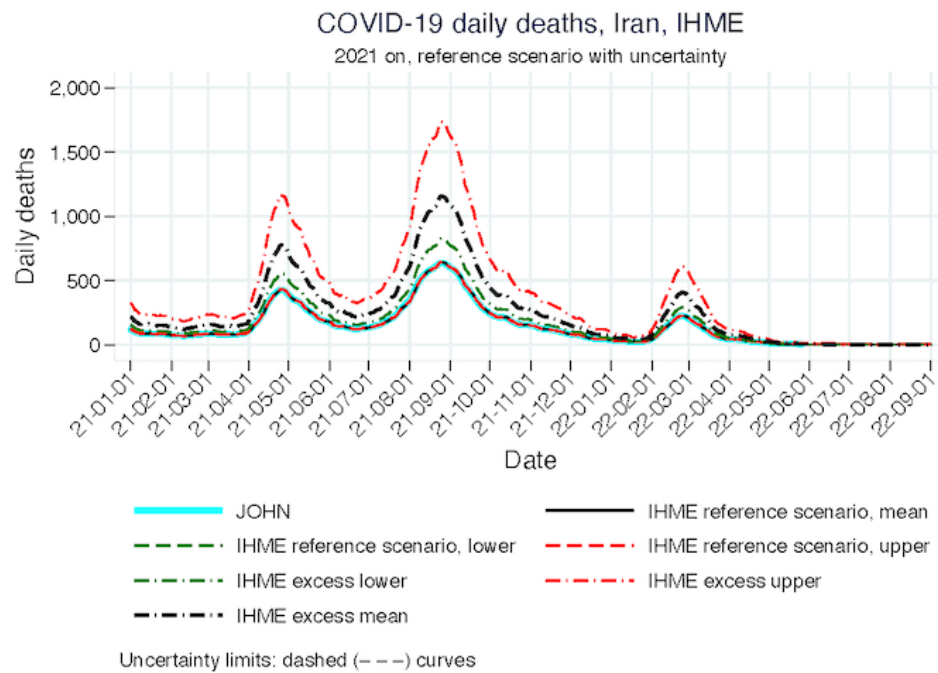
(1) Iran [Daily deaths, all time](#)



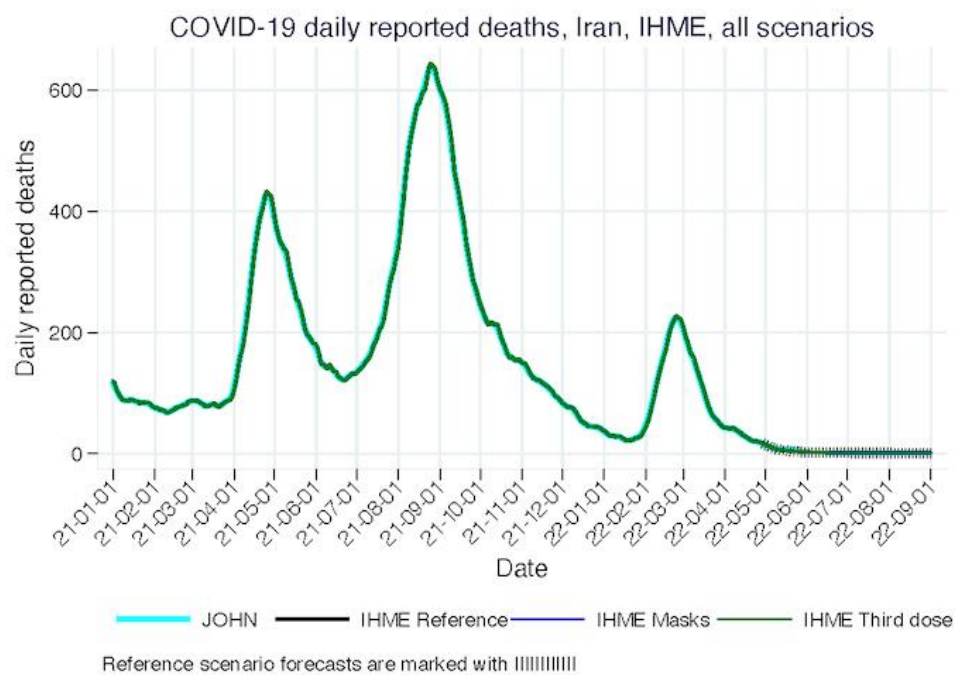
(2) Iran [Daily deaths, 2021 on](#)



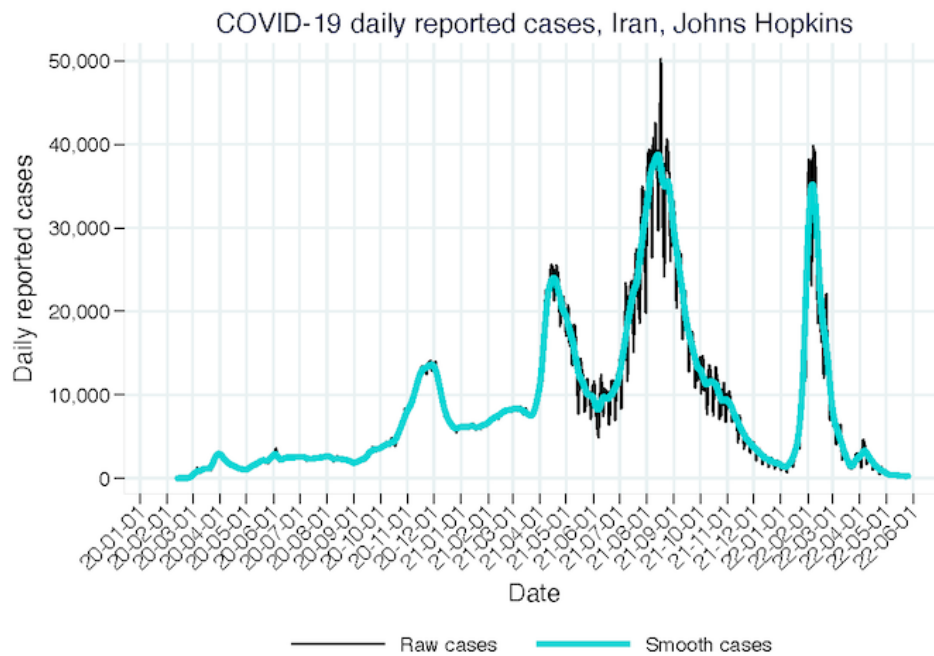
(3) Iran [Daily deaths, 2021 on, reference scenario with uncertainty, IHME](#)



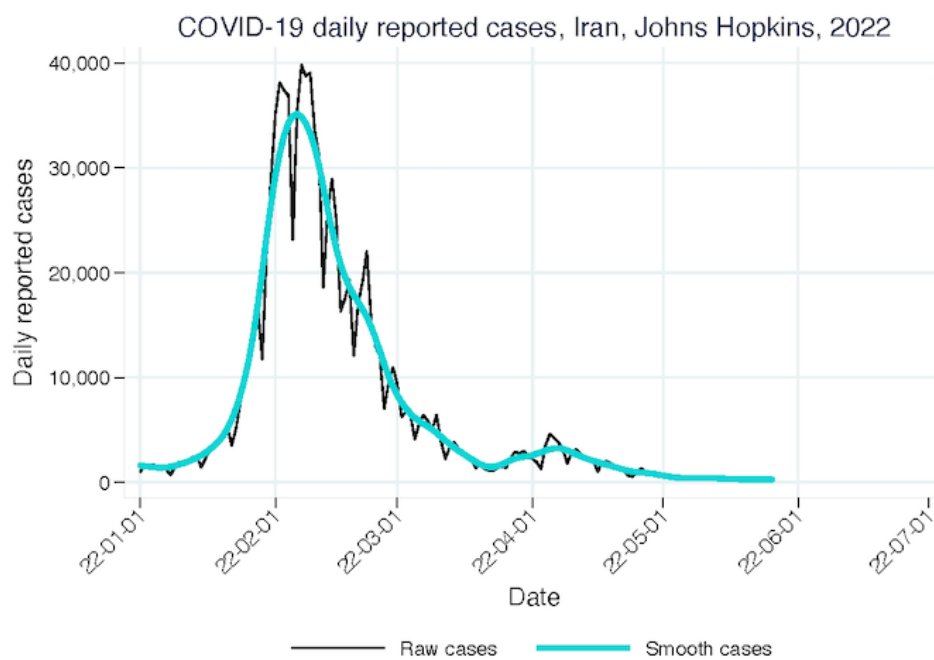
(4) Iran [Daily deaths, 2021 on, all scenarios, IHME](#)



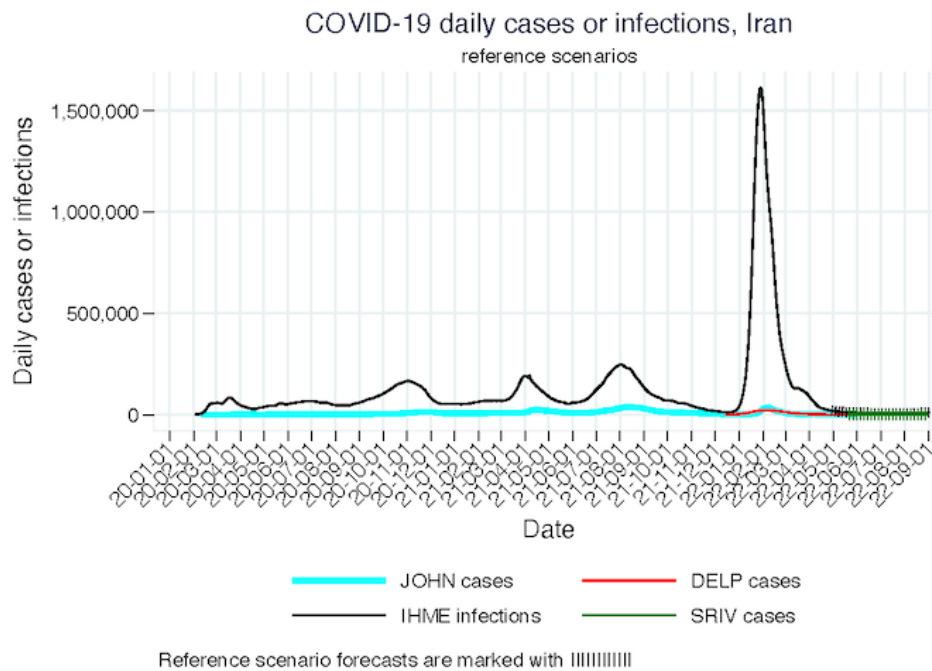
(00) Iran [Daily reported cases, JOHN, all times](#)



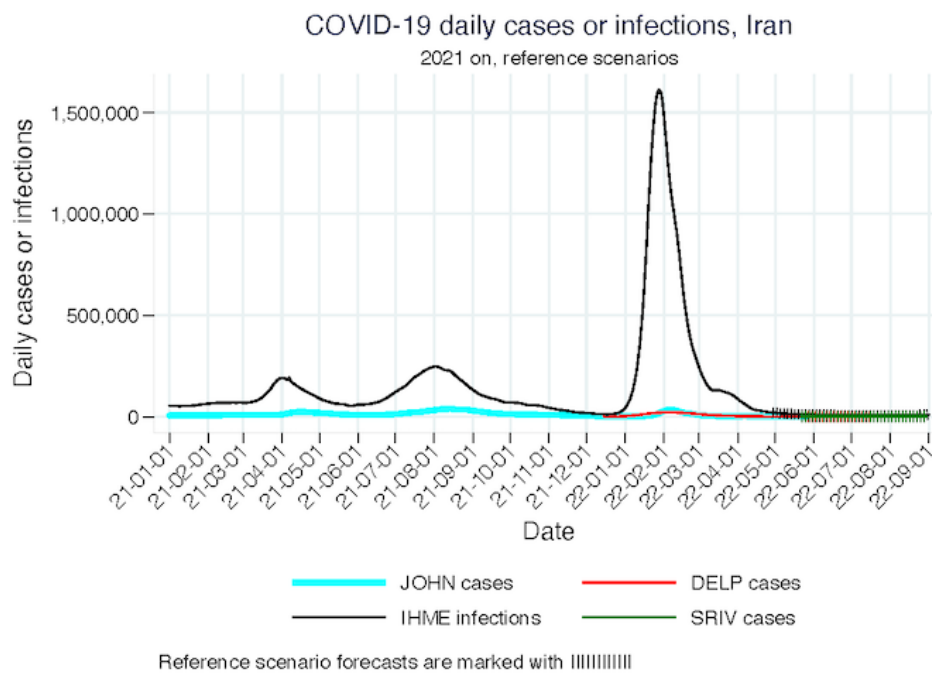
(00b) Iran [Daily reported cases, JOHN, 2022](#)



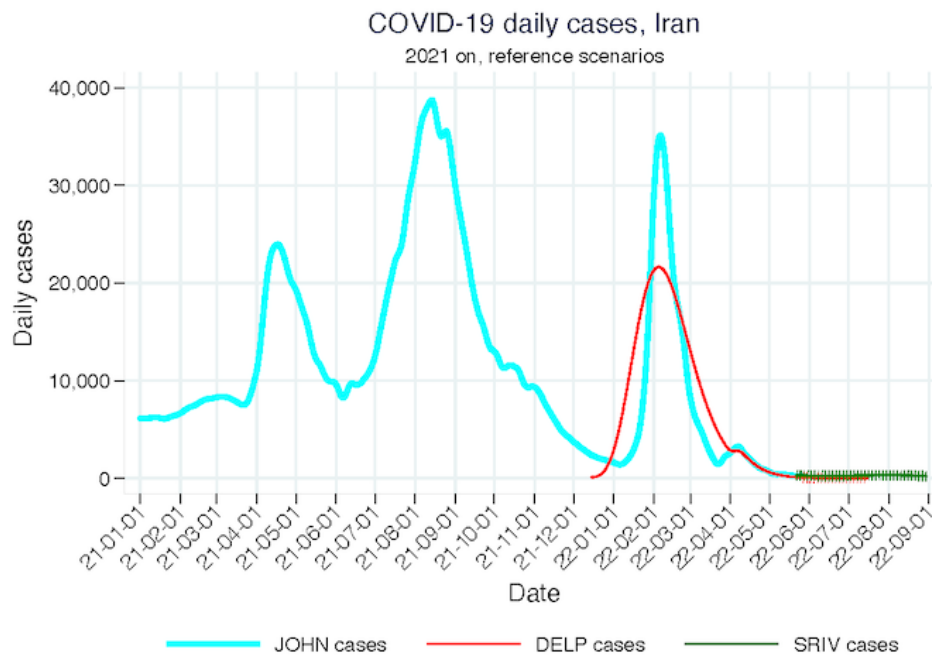
(7) Iran [Daily cases or infections, all time](#)



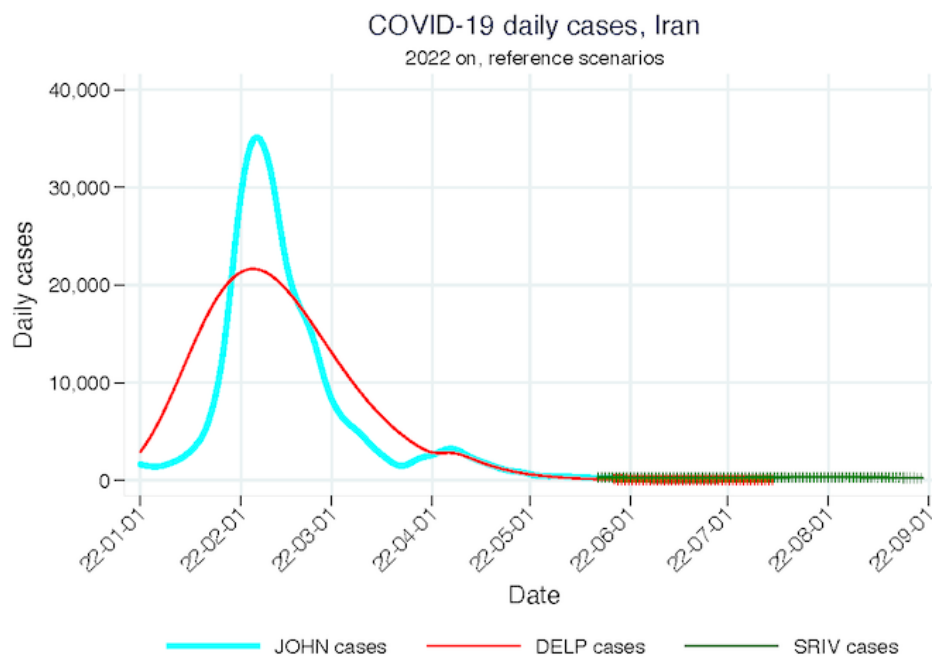
(8) Iran [Daily cases or infections, 2021 on](#)



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

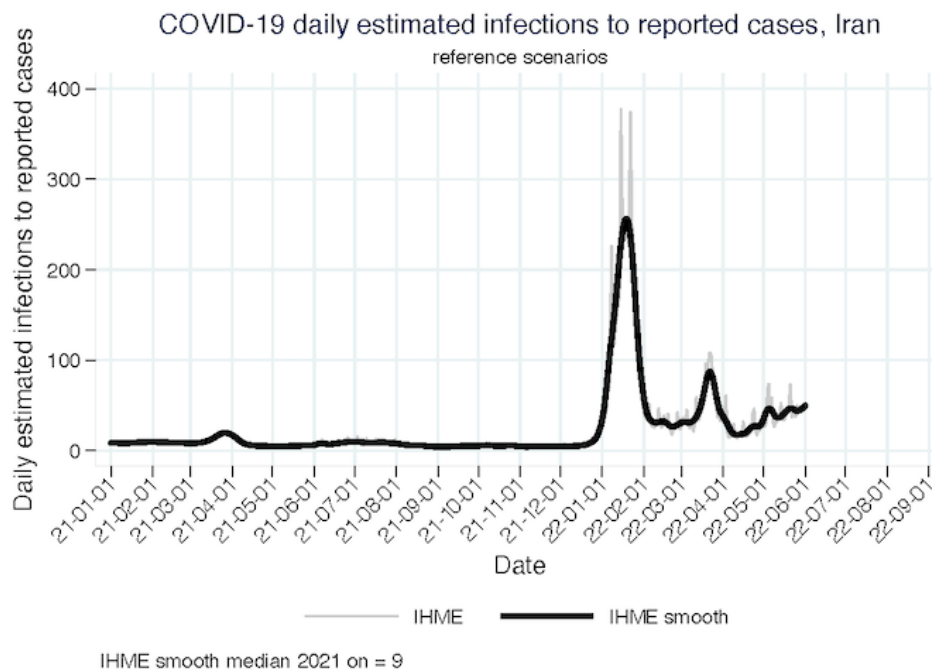


(8b2) Iran [Daily cases, 2022 on](#)

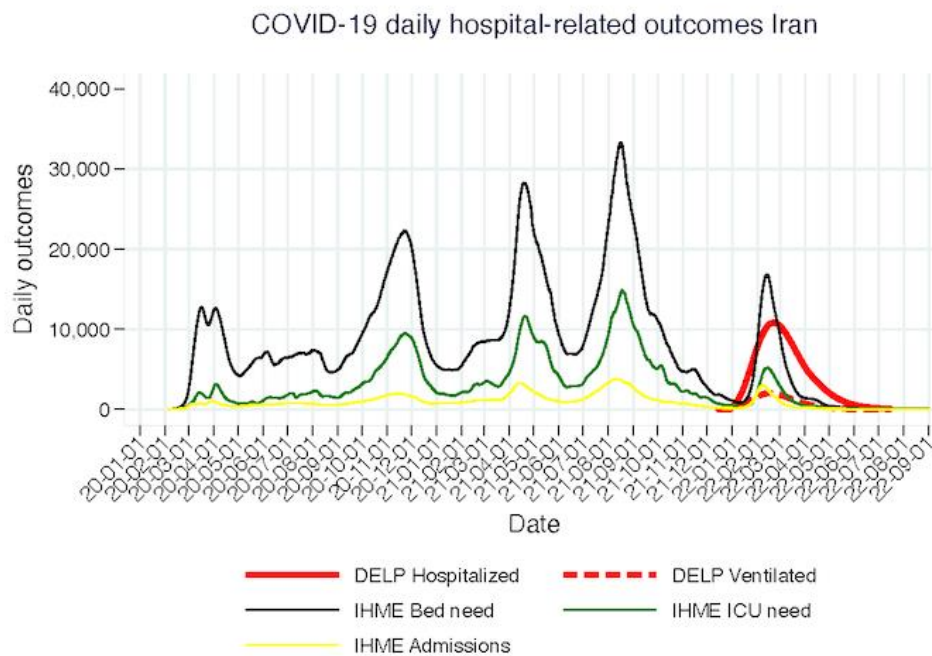




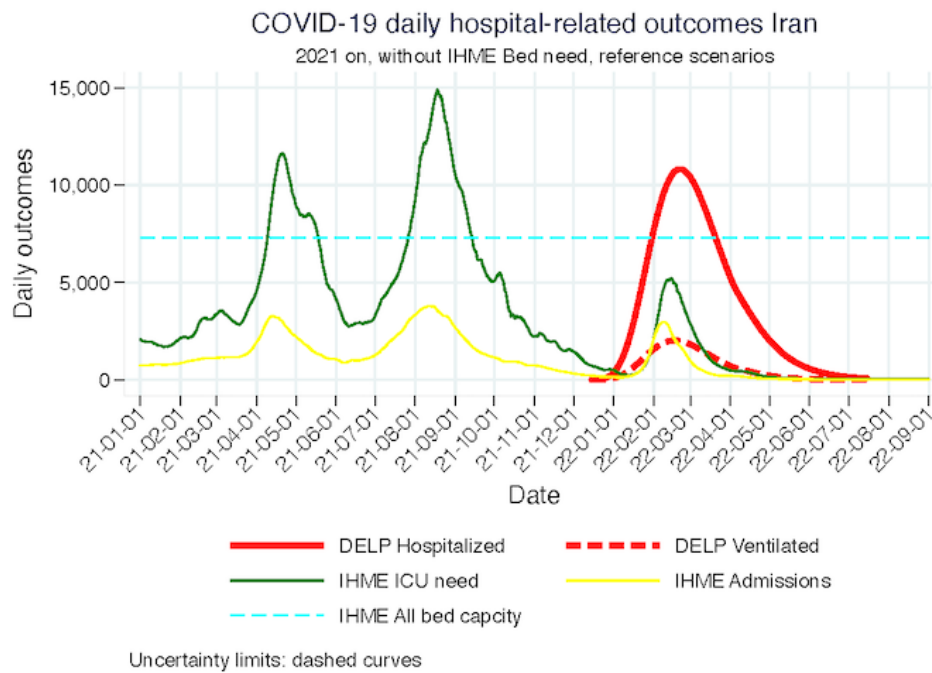
(8c) Iran [Daily estimated infections IHME to reported cases JOHN, main scenarios, 2021 on](#)



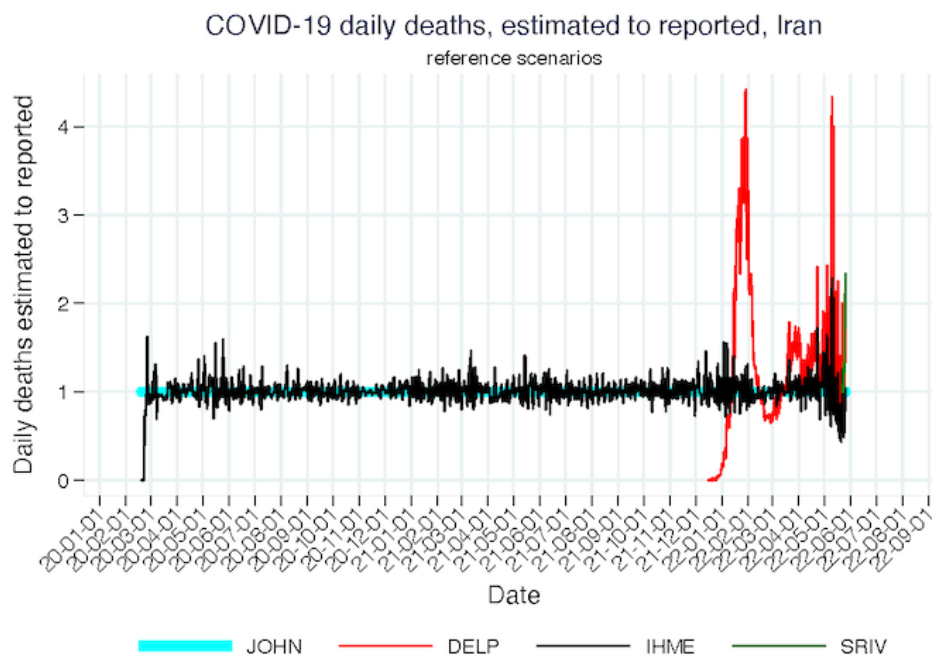
(9) Iran [Hospital-related outcomes, all time](#)



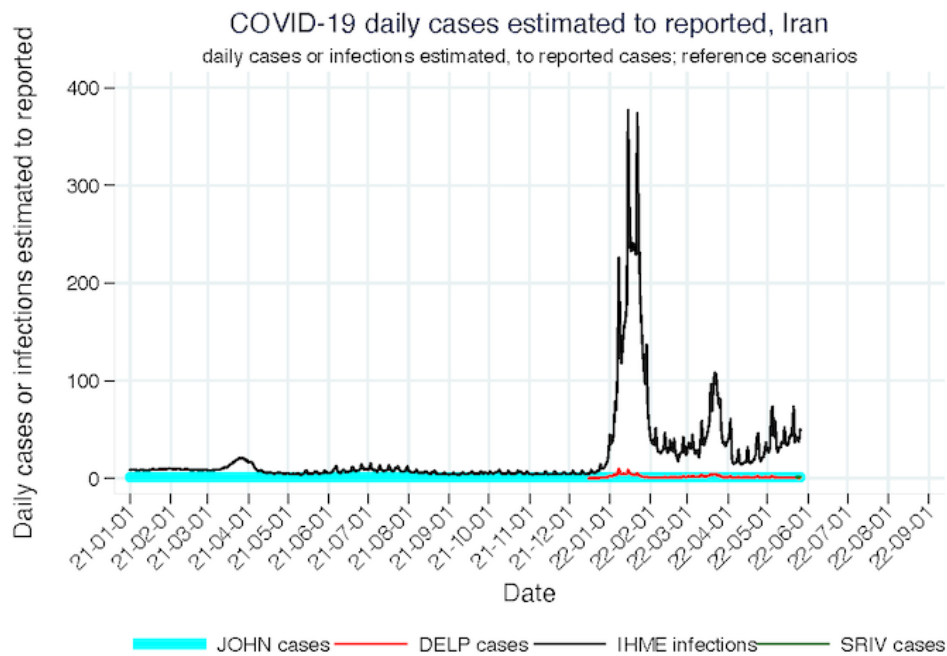
(10) Iran [Hospital-related outcomes, 2021 on](#)



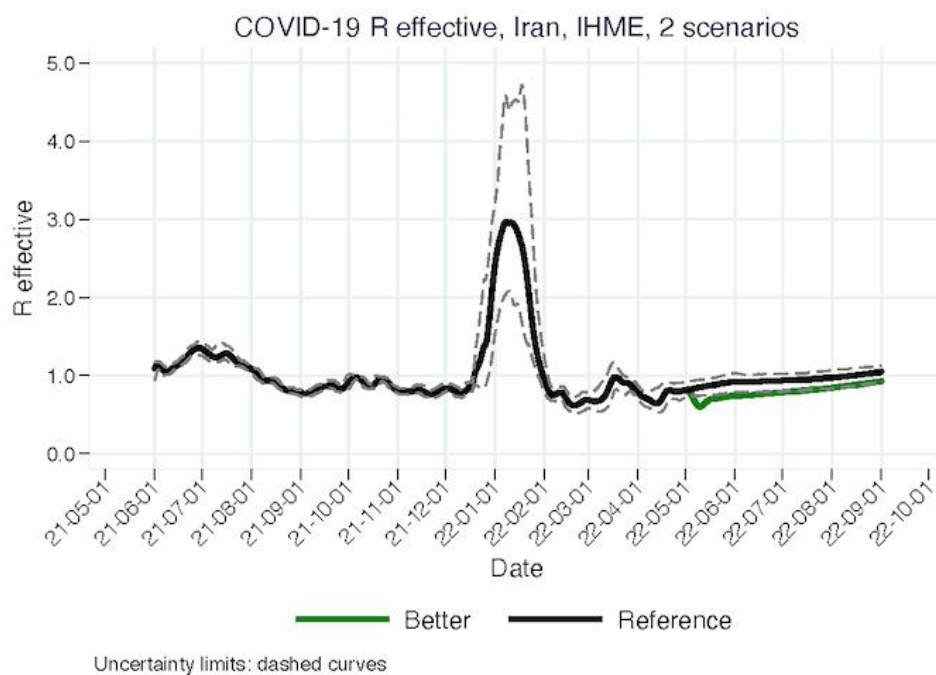
(11) Iran [Daily deaths estimated to reported, all time](#)



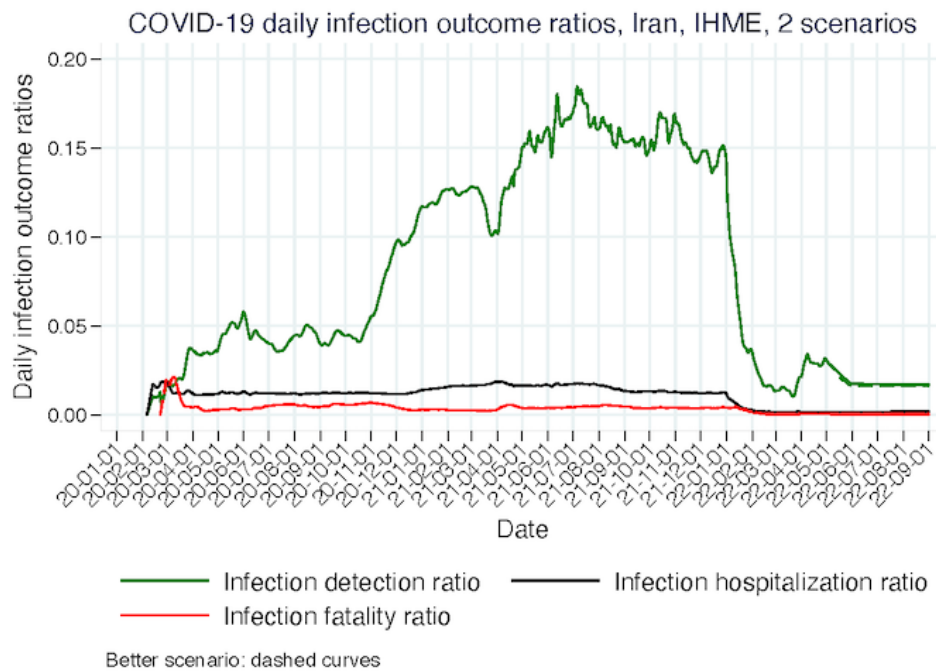
(12) Iran [Daily cases or infections estimated to reported cases, 2021 on](#)



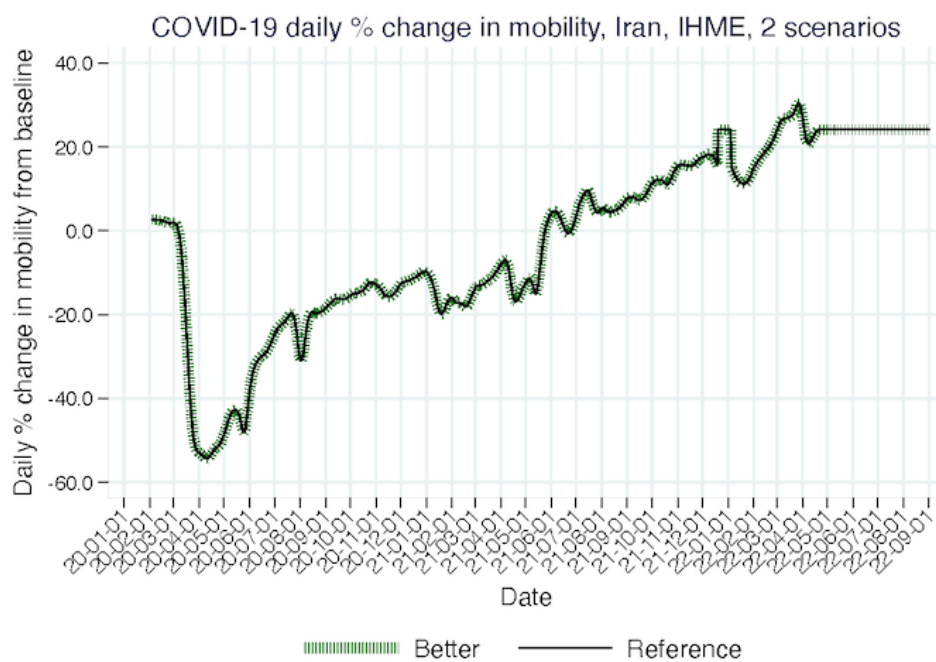
(13) Iran [R effective, 2 scenarios, 2021 on, IHME](#)



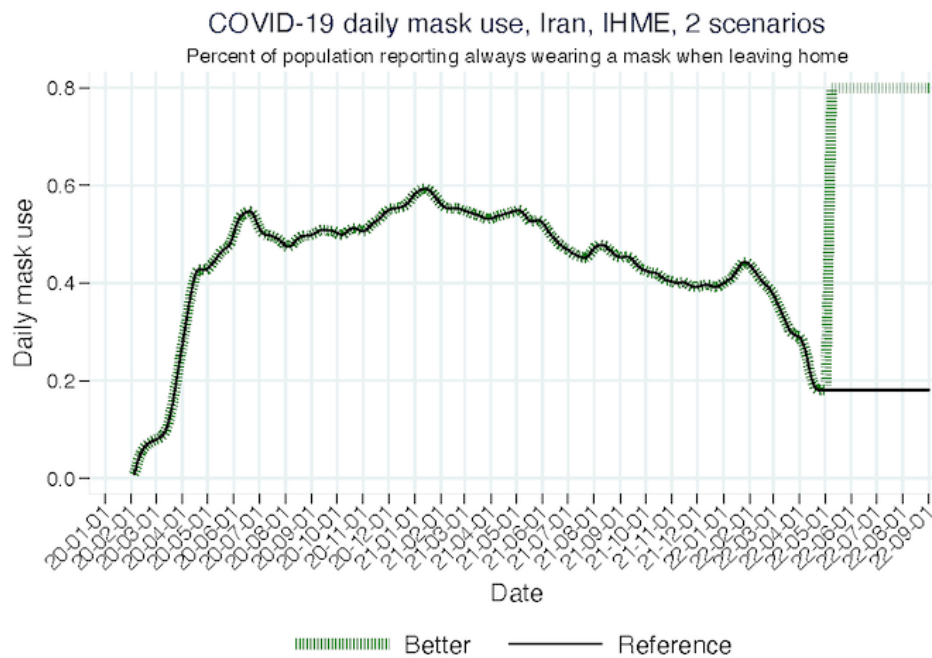
(14) Iran [Daily Infection-outcome ratios, 2 scenarios, 2021 on, IHME](#)



(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](#)

