Iran COVID-19 epidemic models situation report No 11 on 14000505 202107027

https://github.com/pourmalek/covir2

 $\frac{https://github.com/pourmalek/covir2/blob/main/situation\%20reports/Iran\%20COVID-19\%20epidemic\%20models\%20situation\%20report\%20No\%2011\%20on\%2014000505\%20202107027.pdf$

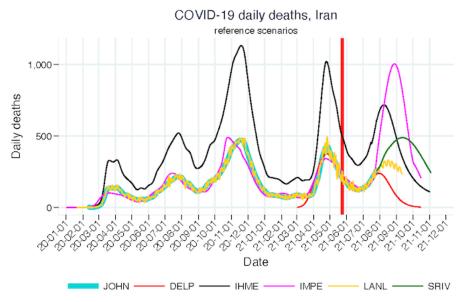
Study update dates in uptake 20210727:

DELP 20210726, IHME 20210723 version 2, IMPE 20210719, LANL 20210725, SRIV 20210727

(JOHN)دانشگاه جانز هاپکینز، انعکاس گزارش های رسمی کشور ها به سازمان جهانی بهداشت (منحنی آبی رنگ)
(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)
(LANL)مطالعه آزمایشگاه لس آلاموس نیو مکزیکو (منحنی طلایی رنگ)
(SRIV)مطالعه اسریواستاوا در دانشگاه کالیفرنیای جنوبی (منحنی سبز رنگ)

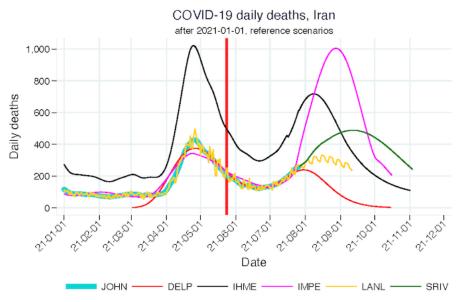
نمو دار ها در صفحات بعد:

(1) Daily deaths, all time



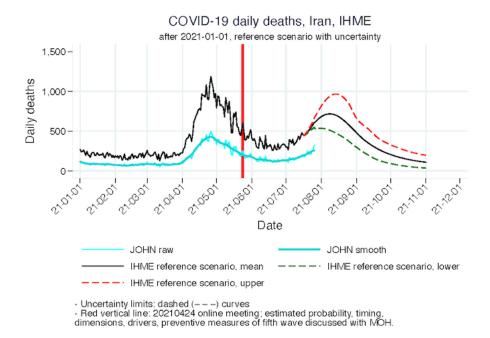
- Red vertical line: 20210424 online meeting; estimated probability, timing, dimensions, drivers, preventive measures of fifth wave discussed with MOH.

(2) Daily deaths, 2021

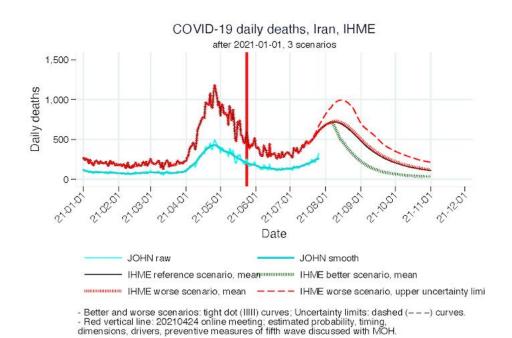


- Red vertical line: 20210424 online meeting; estimated probability, timing, dimensions, drivers, preventive measures of fifth wave discussed with MOH.

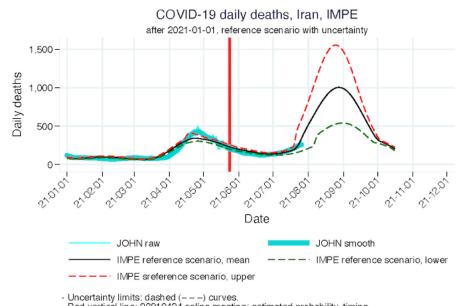
(3) Daily deaths, 2021, reference scenario with uncertainty, IHME



(4) Daily deaths, 2021, 3 scenarios, IHME

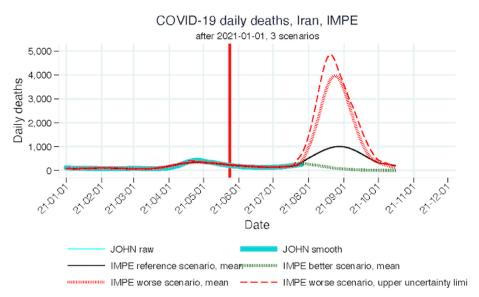


(5) Daily deaths, 2021, reference scenario with uncertainty, IMPE



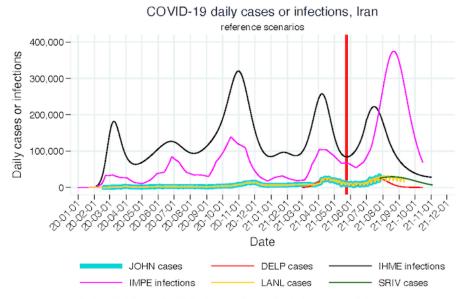
- Uncertainty limits: dashed (---) curves, - Red vertical line: 20210424 online meeting; estimated probability, timing, dimensions, drivers, preventive measures of fifth wave discussed with MOH.

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



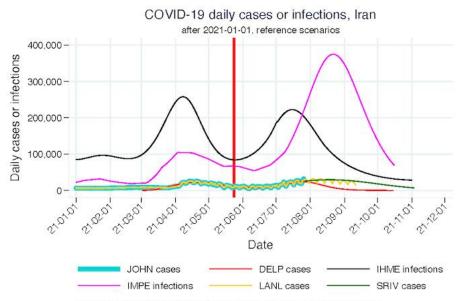
- Better and worse scenarios: tight dot (IIIII) curves; Uncertainty limits: dashed (---) curves. - Red vertical line: 20210424 online meeting; estimated probability, timing, dimensions, drivers, preventive measures of fifth wave discussed with MOH.

(7) Daily cases or infections, all time



- Red vertical line: 20210424 online meeting; estimated probability, timing, dimensions, drivers, preventive measures of fifth wave discussed with MOH.

(8) Daily cases or infections, 2021



(9) Hospital-related outcomes, all time

COVID-19 daily hospital-related outcomes Iran

60,000

40,000

0

0

DELP Hospitalized

DELP Ventilated

IHME ICU need

IHME ICU new

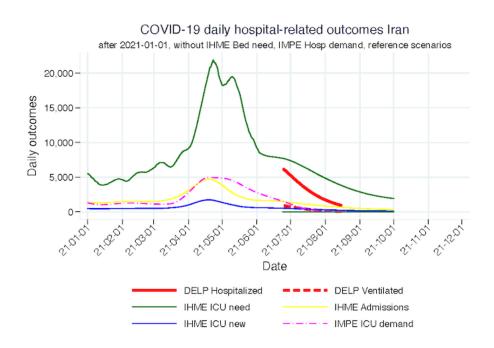
IMPE ICU demand

IHME Bed need

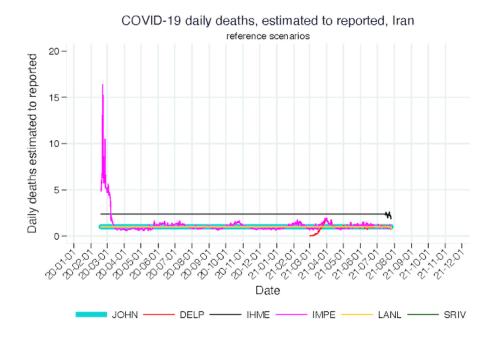
IHME Admissions

IMPE Hosp demand

(10) Hospital-related outcomes, 2021



(11) Daily deaths estimated to reported, all time



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

