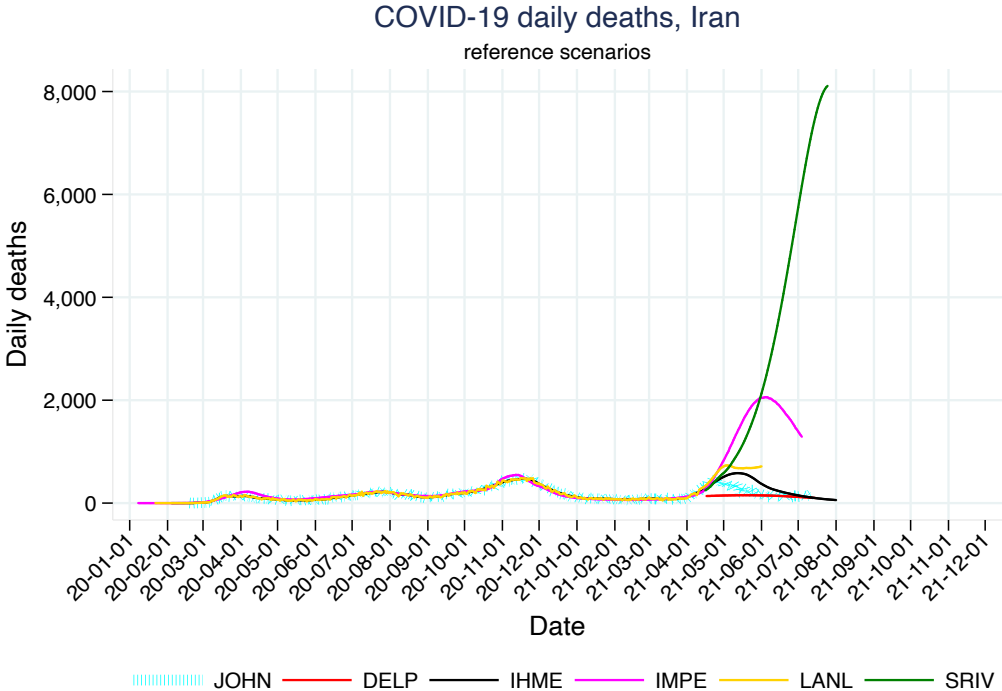
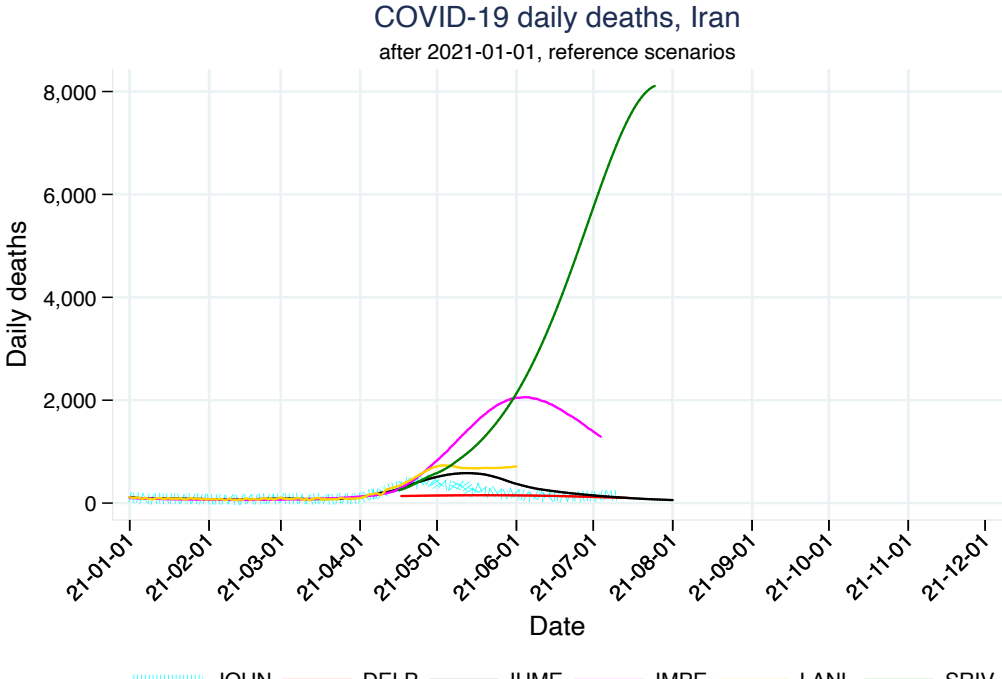
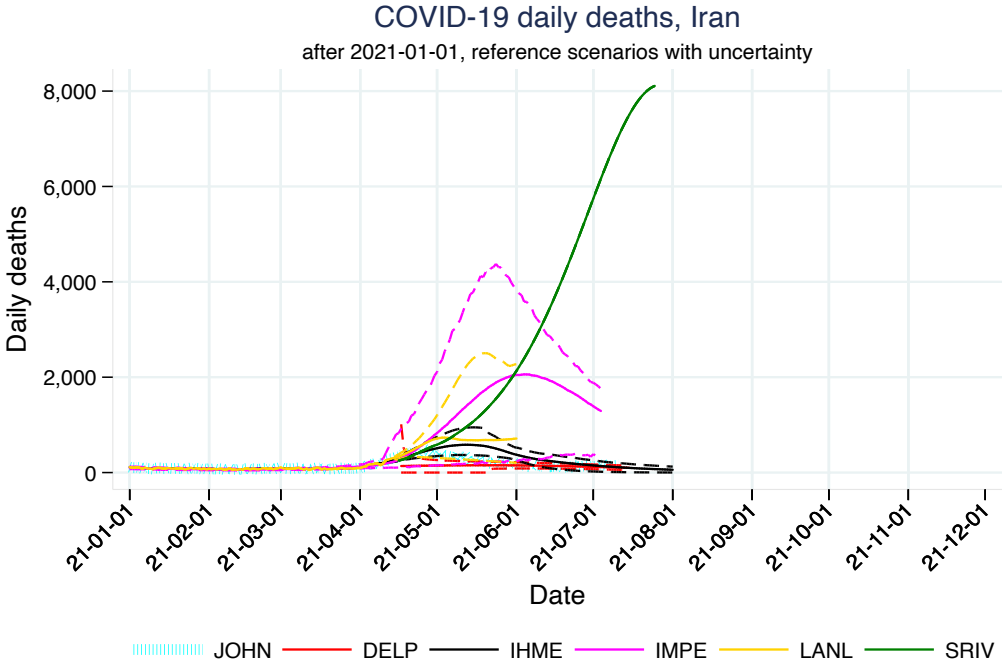
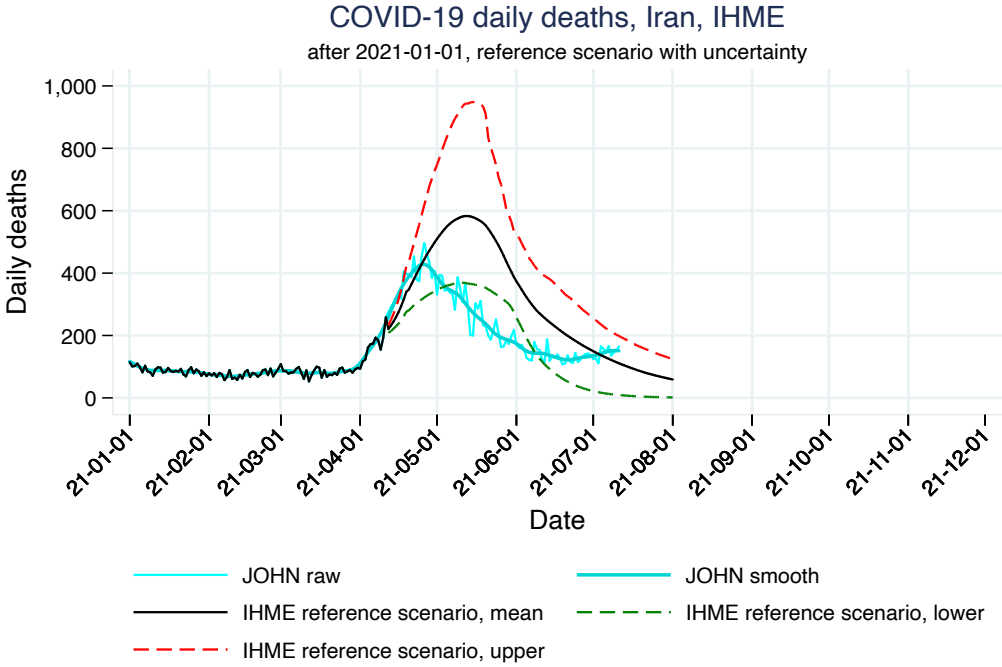
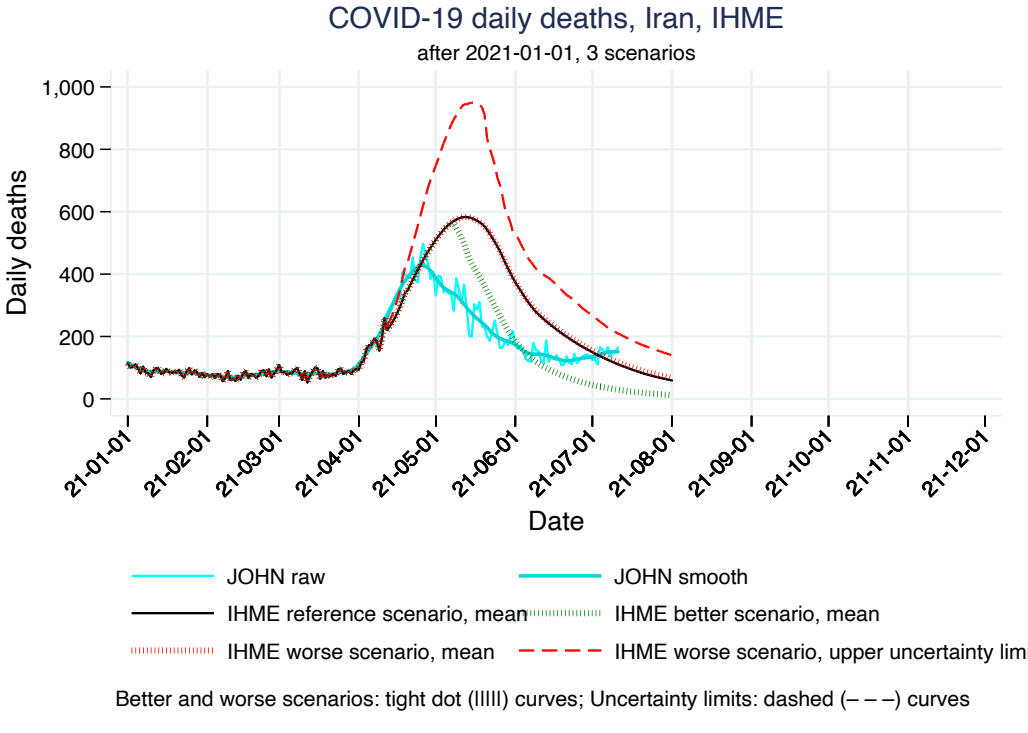
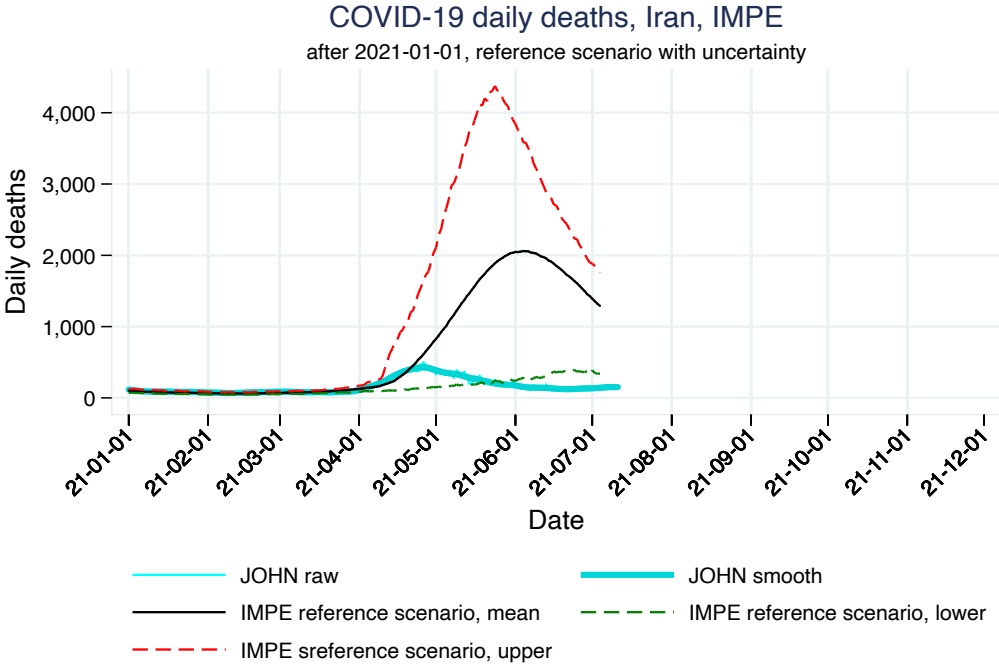

COVID-19 daily deaths, Iran
reference scenarios
Daily deaths
8,000
6,000
4,000
2,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV

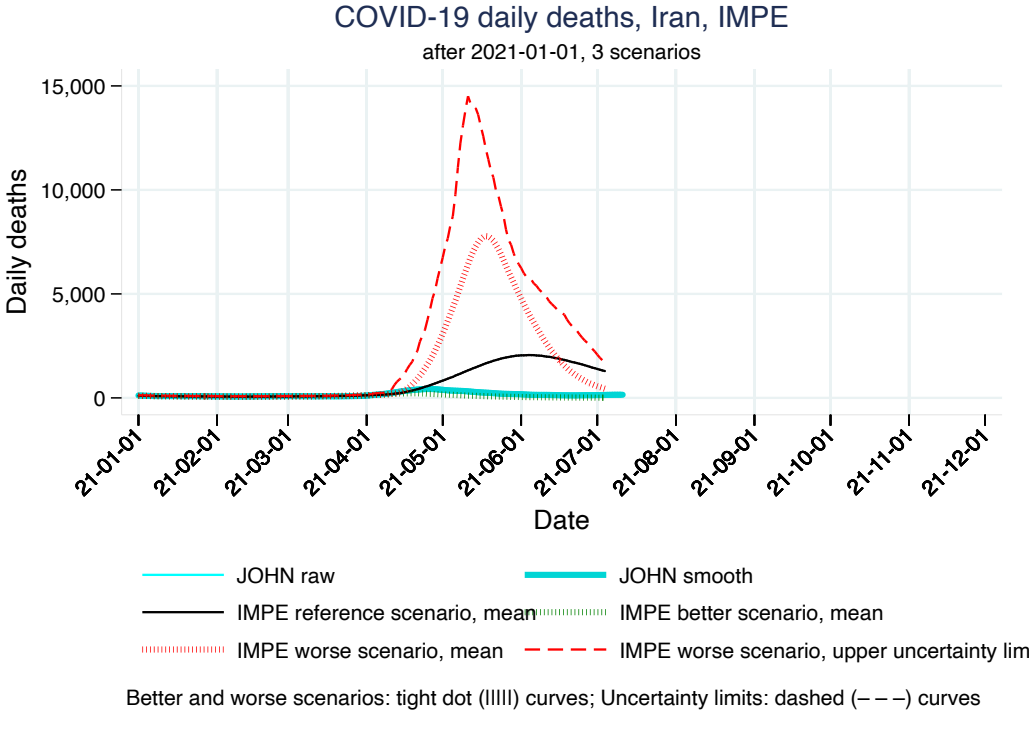

COVID-19 daily deaths, Iran
after 2021-01-01, reference scenarios
Daily deaths
8,000
6,000
4,000
2,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV

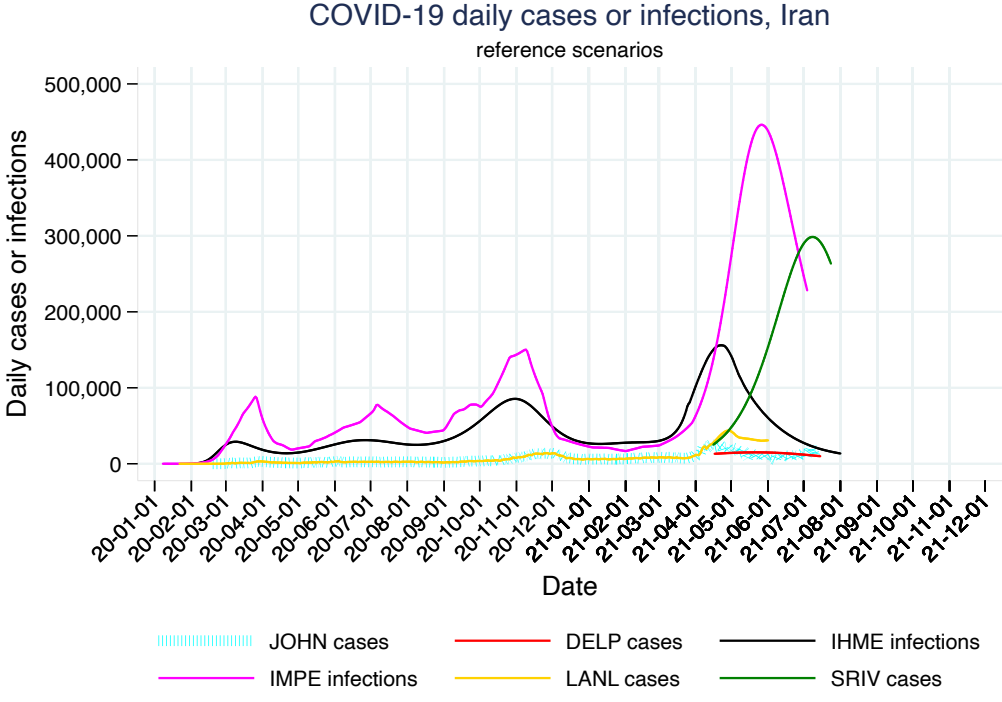

COVID-19 daily deaths, Iran
after 2021-01-01, reference scenarios with uncertainty
Daily deaths
8,000
6,000
4,000
2,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV
Uncertainty limits: dashed curves

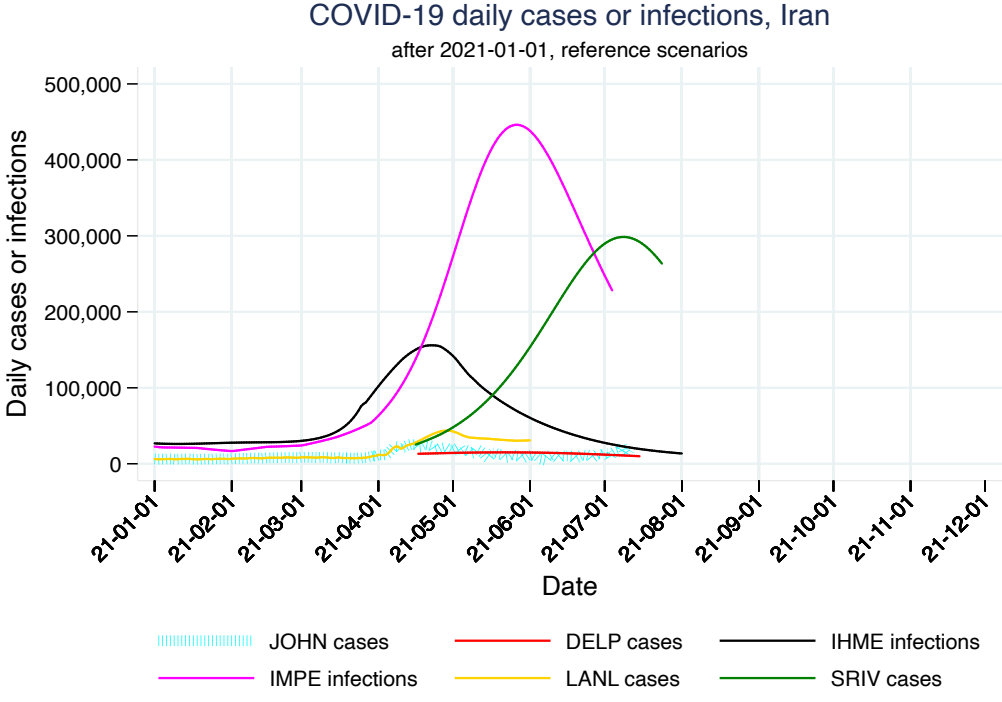

COVID-19 daily deaths, Iran, IHME
after 2021-01-01, reference scenario with uncertainty
Daily deaths
1,000
800
600
400
200
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN raw
JOHN smooth
IHME reference scenario, mean
IHME reference scenario, lower
IHME reference scenario, upper
Uncertainty limits: dashed (– – –) curves

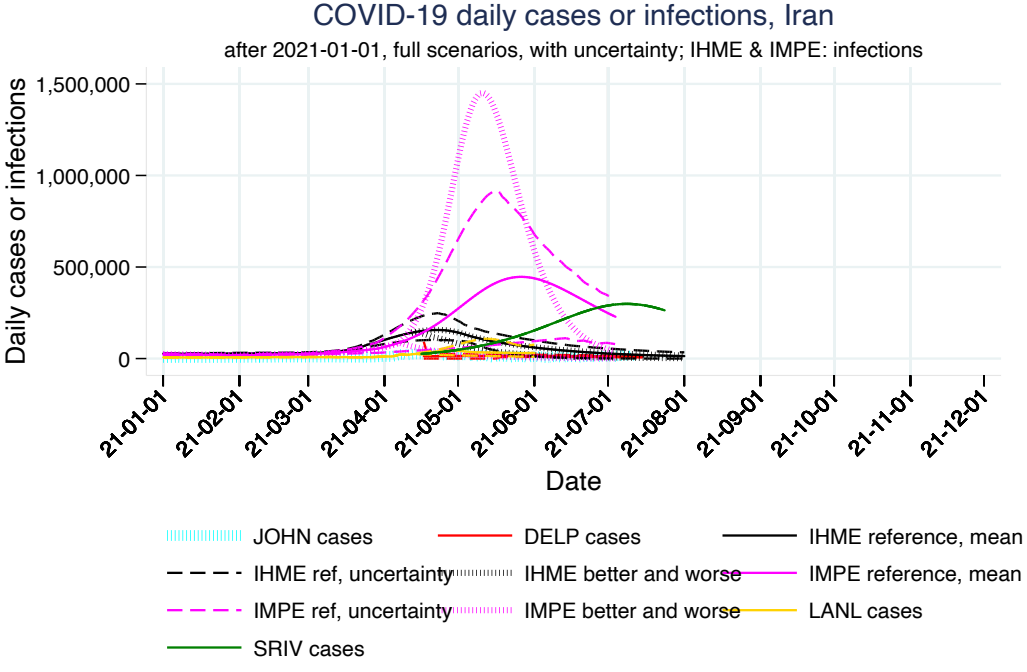

COVID-19 daily deaths, Iran, IHME
after 2021-01-01, 3 scenarios
Daily deaths
1,000
800
600
400
200
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN raw
JOHN smooth
IHME reference scenario, mean
IHME better scenario, mean
IHME worse scenario, mean
IHME worse scenario, upper uncertainty limi
Better and worse scenarios: tight dot (IIIII) curves; Uncertainty limits: dashed (– – –) curves

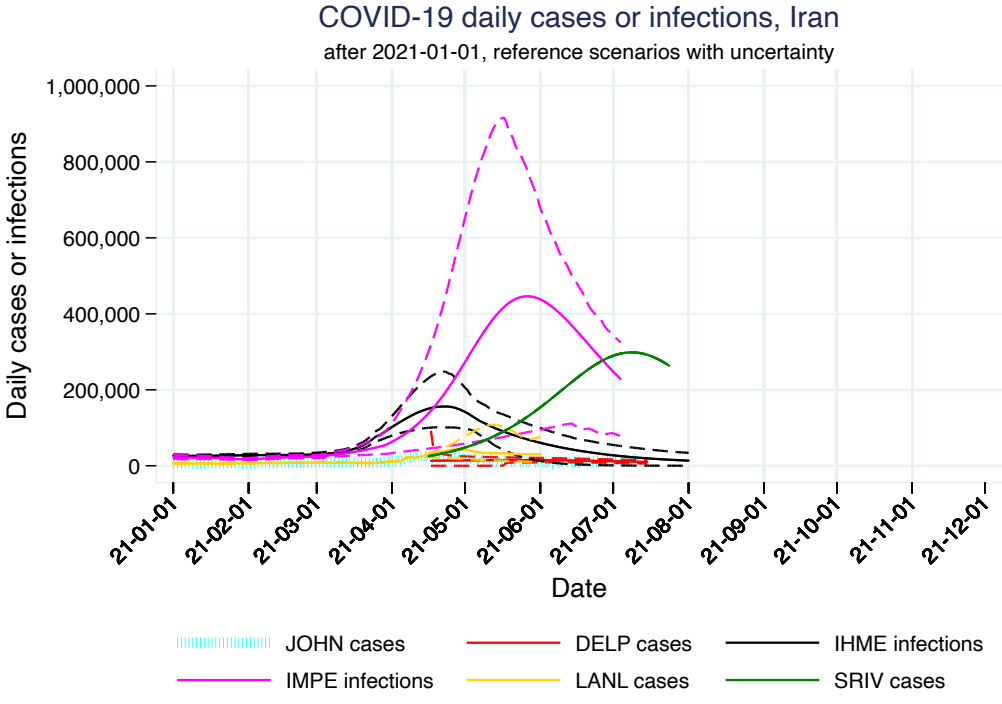

COVID-19 daily deaths, Iran, IMPE
after 2021-01-01, reference scenario with uncertainty
Daily deaths
4,000
3,000
2,000
1,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN raw
JOHN smooth
IMPE reference scenario, mean
IMPE reference scenario, lower
IMPE sreference scenario, upper
Uncertainty limits: dashed (– – –) curves

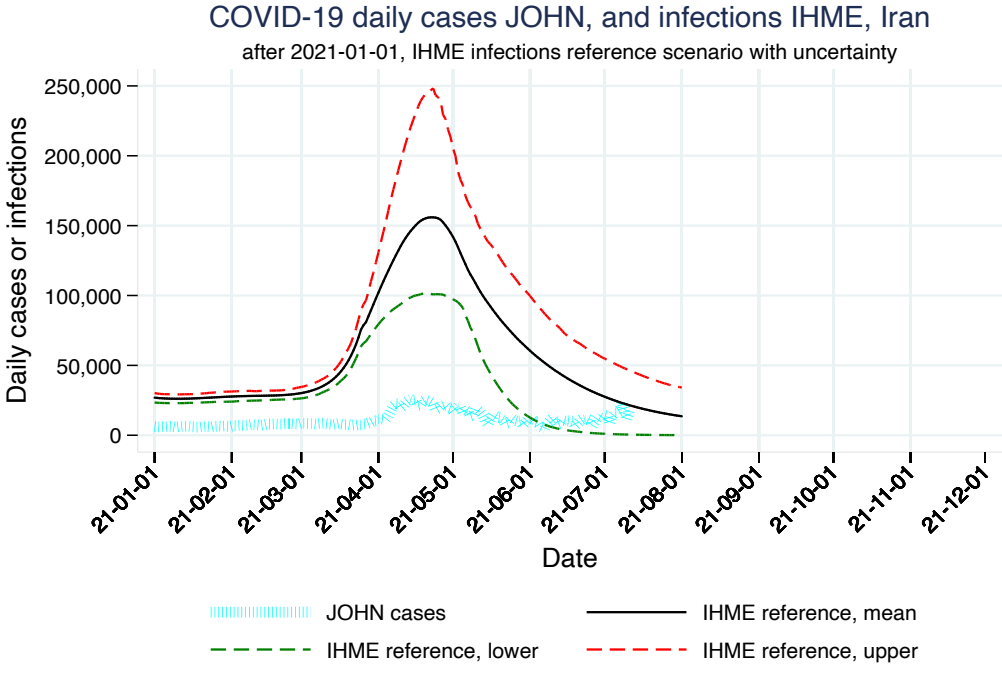

COVID-19 daily deaths, Iran, IMPE
after 2021-01-01, 3 scenarios
Daily deaths
15,000
10,000
5,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN raw
JOHN smooth
IMPE reference scenario, mean
IMPE better scenario, mean
IMPE worse scenario, mean
IMPE worse scenario, upper uncertainty lim
Better and worse scenarios: tight dot (IIIII) curves; Uncertainty limits: dashed (– – –) curves

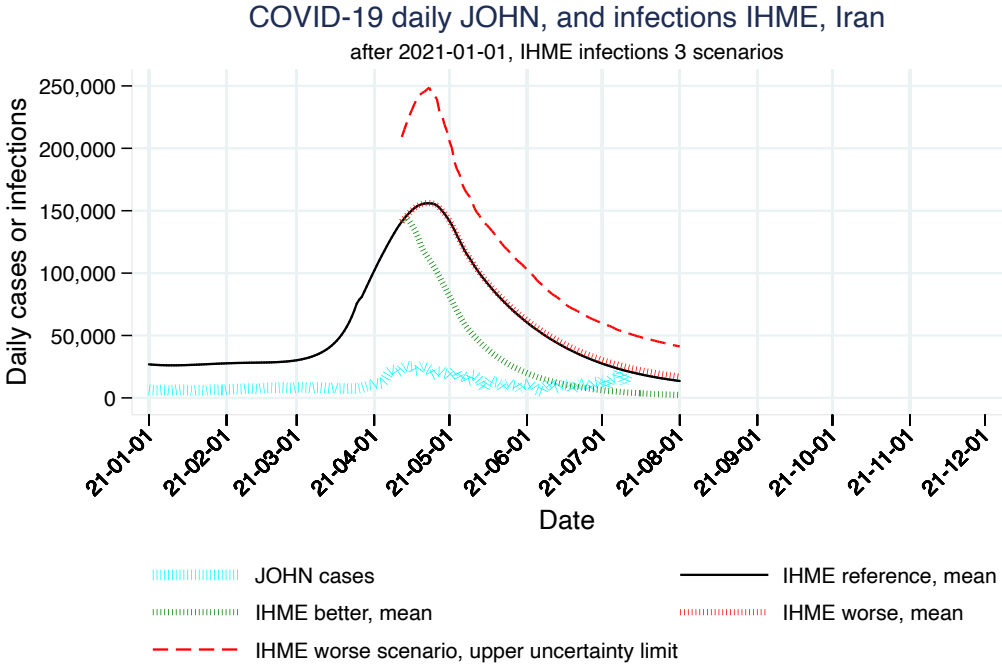

COVID-19 daily cases or infections, Iran
reference scenarios
Daily cases or infections
500,000
400,000
300,000
200,000
100,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

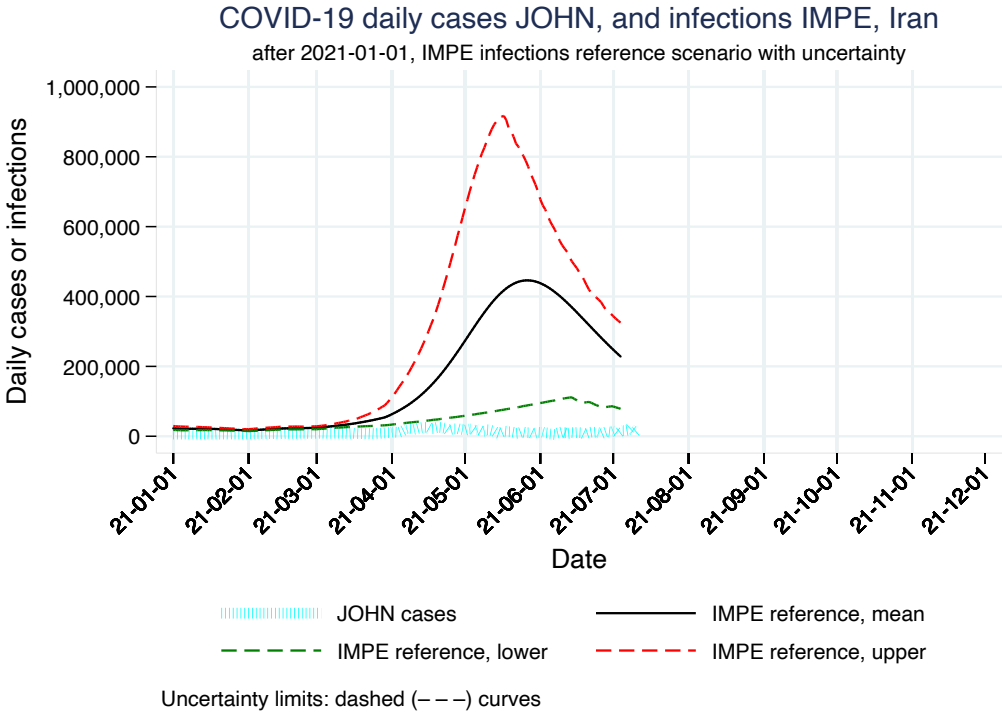

COVID-19 daily cases or infections, Iran
after 2021-01-01, reference scenarios
Daily cases or infections
500,000
400,000
300,000
200,000
100,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

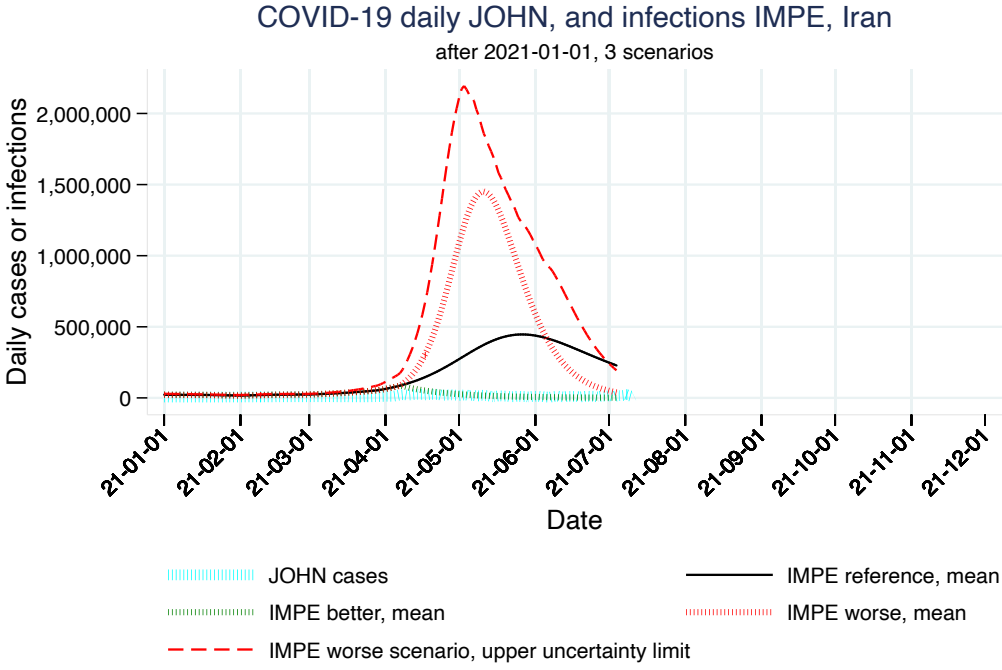

COVID-19 daily cases or infections, Iran
after 2021-01-01, full scenarios, with uncertainty; IHME & IMPE: infections
Daily cases or infections
1,500,000
1,000,000
500,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME reference, mean
IHME ref, uncertainty
IHME better and worse
IMPE reference, mean
IMPE ref, uncertainty
IMPE better and worse
LANL cases
SRIV cases
Uncertainty limits: dashed (– – –) curves; Better and worse scenarios: tight dot (IIIII) curves

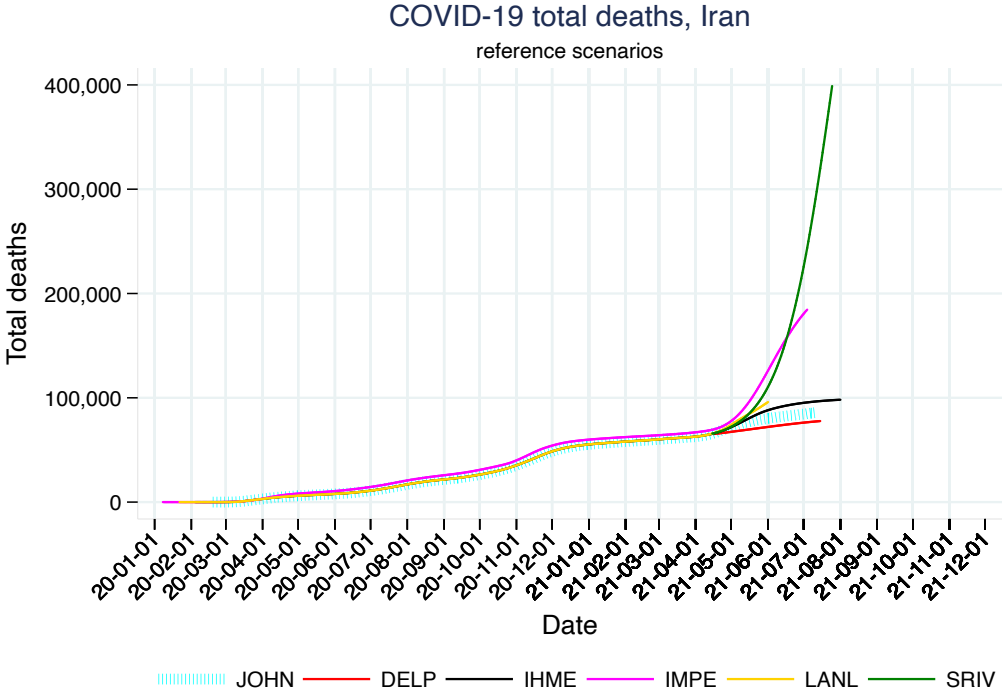

COVID-19 daily cases or infections, Iran
after 2021-01-01, reference scenarios with uncertainty
Daily cases or infections
1,000,000
800,000
600,000
400,000
200,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

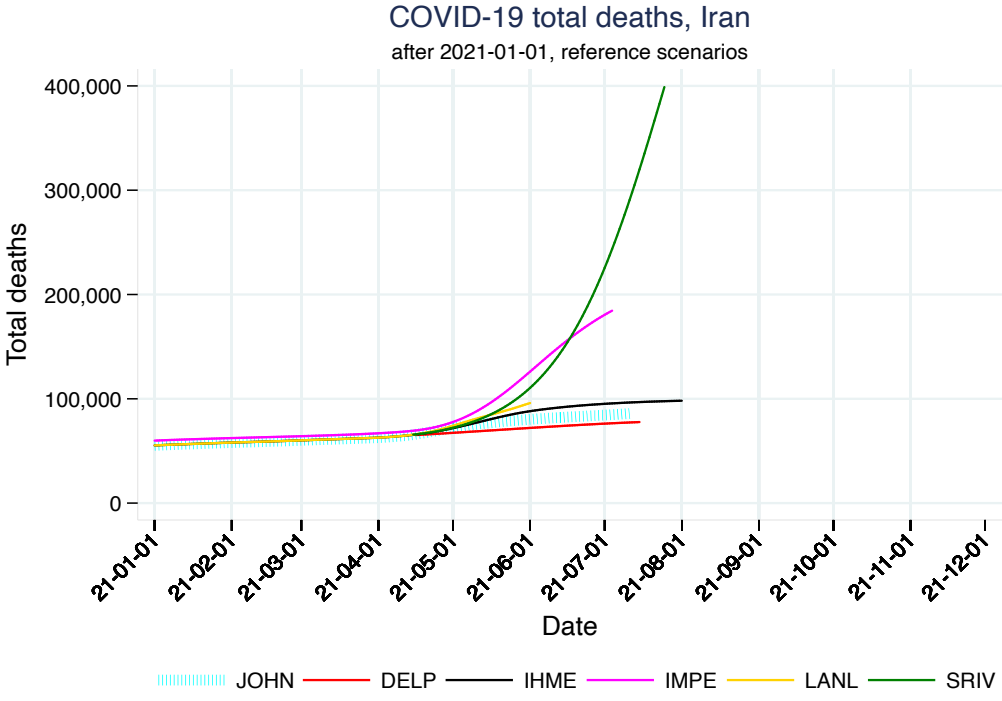

COVID-19 daily cases JOHN, and infections IHME, Iran
after 2021-01-01, IHME infections reference scenario with uncertainty
Daily cases or infections
250,000
200,000
150,000
100,000
50,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
IHME reference, mean
IHME reference, lower
IHME reference, upper
Uncertainty limits: dashed (– – –) curves

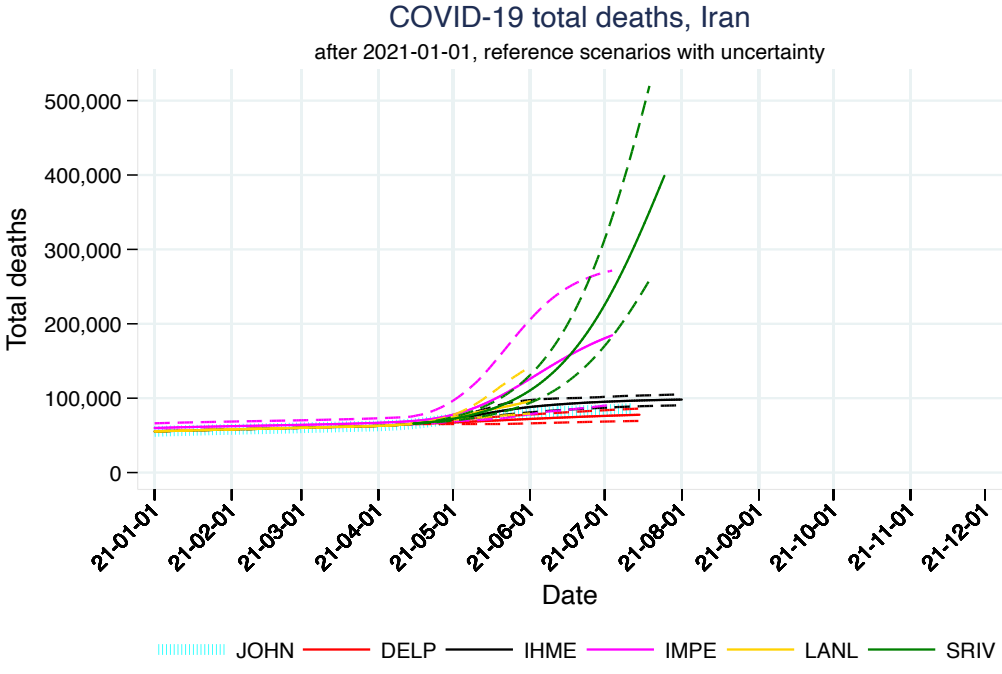

COVID-19 daily JOHN, and infections IHME, Iran
after 2021-01-01, IHME infections 3 scenarios
Daily cases or infections
250,000
200,000
150,000
100,000
50,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
IHME reference, mean
IHME better, mean
IHME worse, mean
IHME worse scenario, upper uncertainty limit
Better and worse scenarios: tight dot (IIIII) curves; Uncertainty limits: dashed (– – –) curves

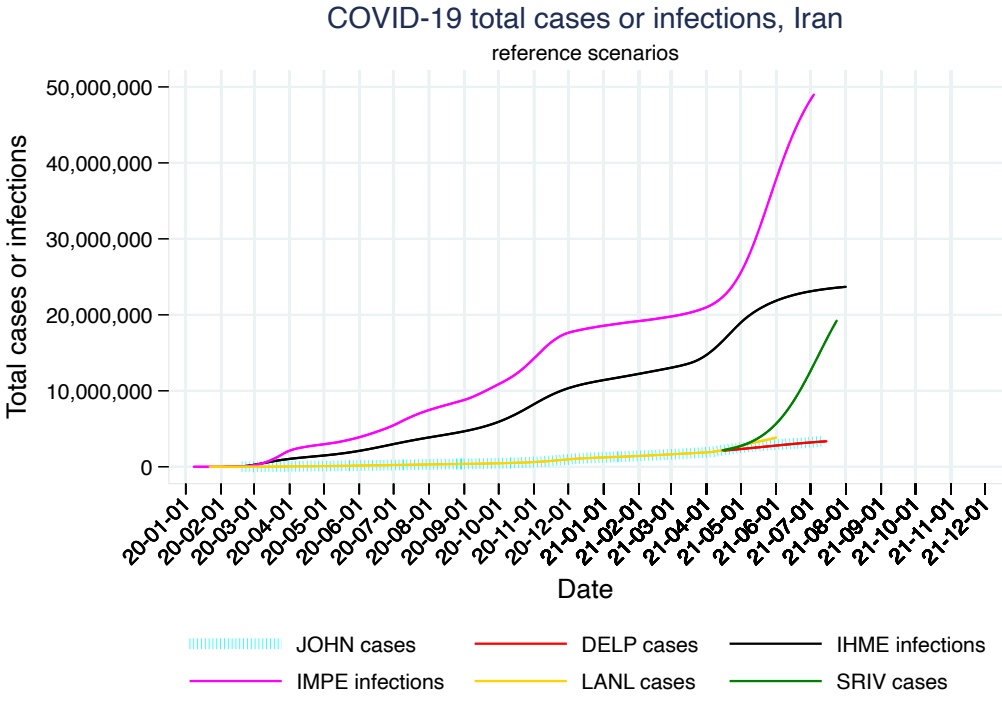

COVID-19 daily cases JOHN, and infections IMPE, Iran
after 2021-01-01, IMPE infections reference scenario with uncertainty
Daily cases or infections
1,000,000
800,000
600,000
400,000
200,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
IMPE reference, mean
IMPE reference, lower
IMPE reference, upper
Uncertainty limits: dashed (– – –) curves

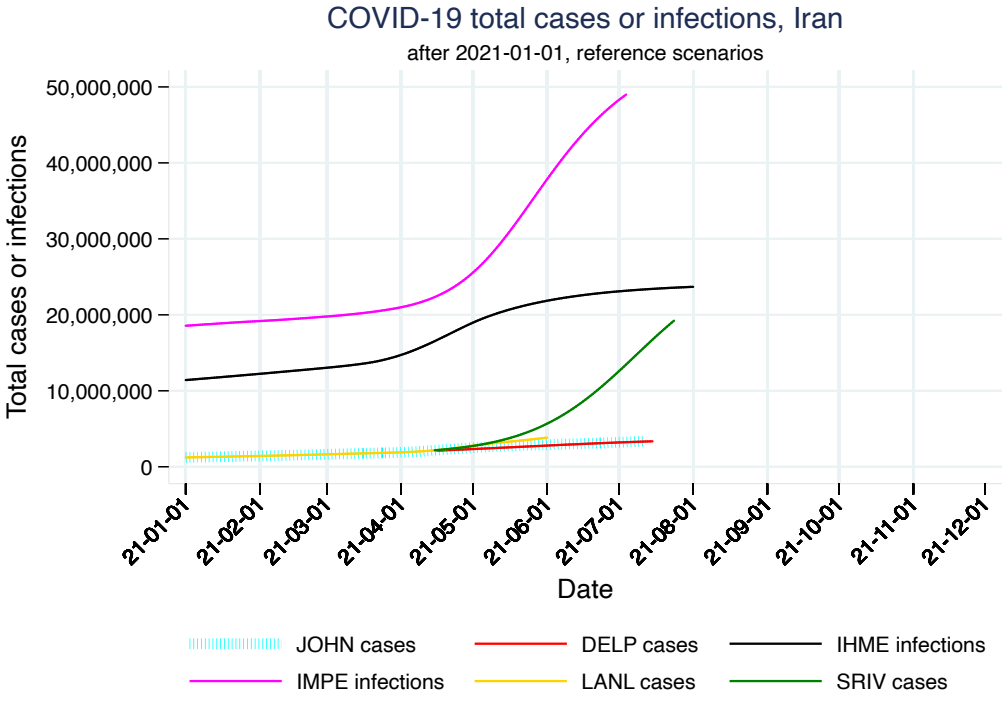

COVID-19 daily JOHN, and infections IMPE, Iran
after 2021-01-01, 3 scenarios
Daily cases or infections
2,000,000
1,500,000
1,000,000
500,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
IMPE reference, mean
IMPE better, mean
IMPE worse, mean
IMPE worse scenario, upper uncertainty limit
Better and worse scenarios: tight dot (IIIII) curves; Uncertainty limits: dashed (– – –) curves

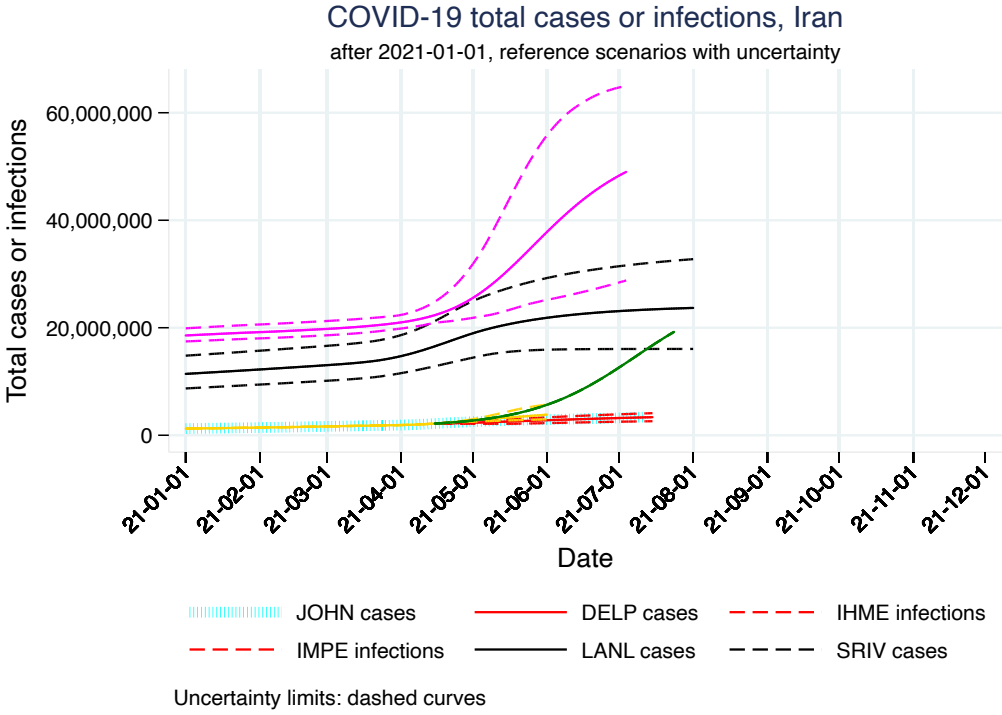

COVID-19 total deaths, Iran
reference scenarios
Total deaths
400,000
300,000
200,000
100,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV

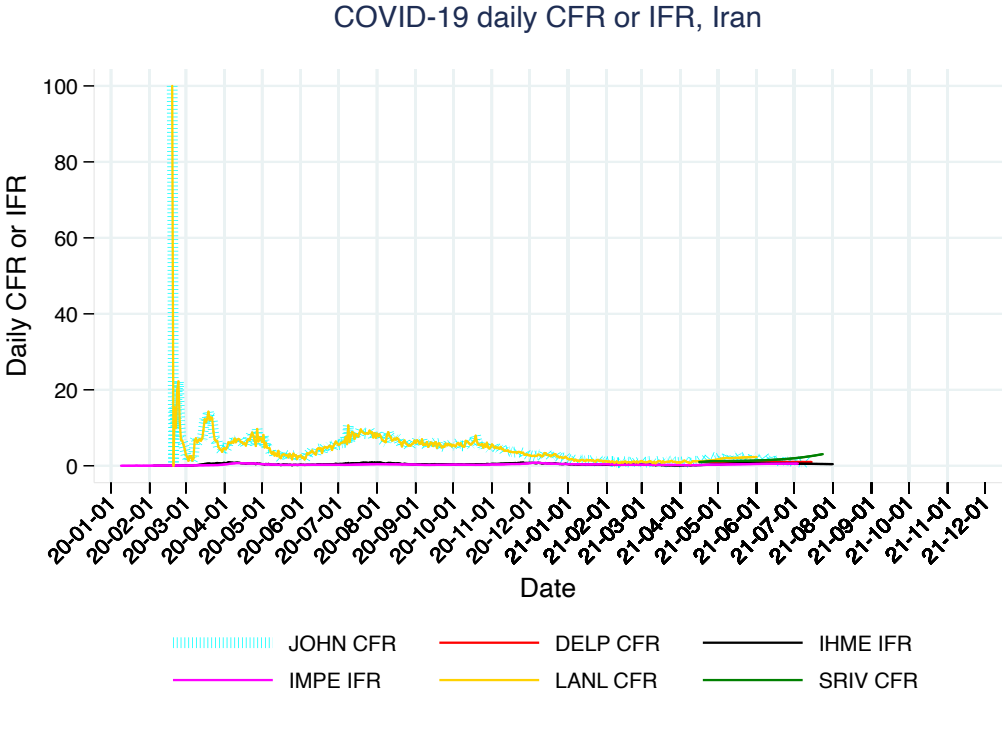

COVID-19 total deaths, Iran
after 2021-01-01, reference scenarios
Total deaths
400,000
300,000
200,000
100,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV

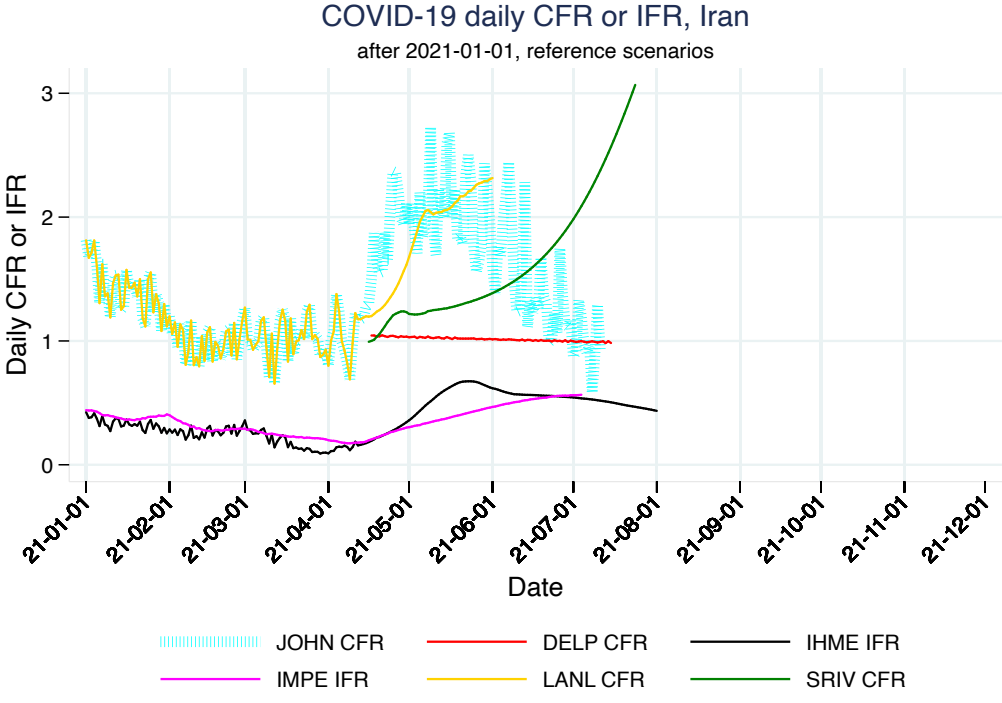

COVID-19 total deaths, Iran
after 2021-01-01, reference scenarios with uncertainty
Total deaths
500,000
400,000
300,000
200,000
100,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV
Uncertainty limits: dashed curves

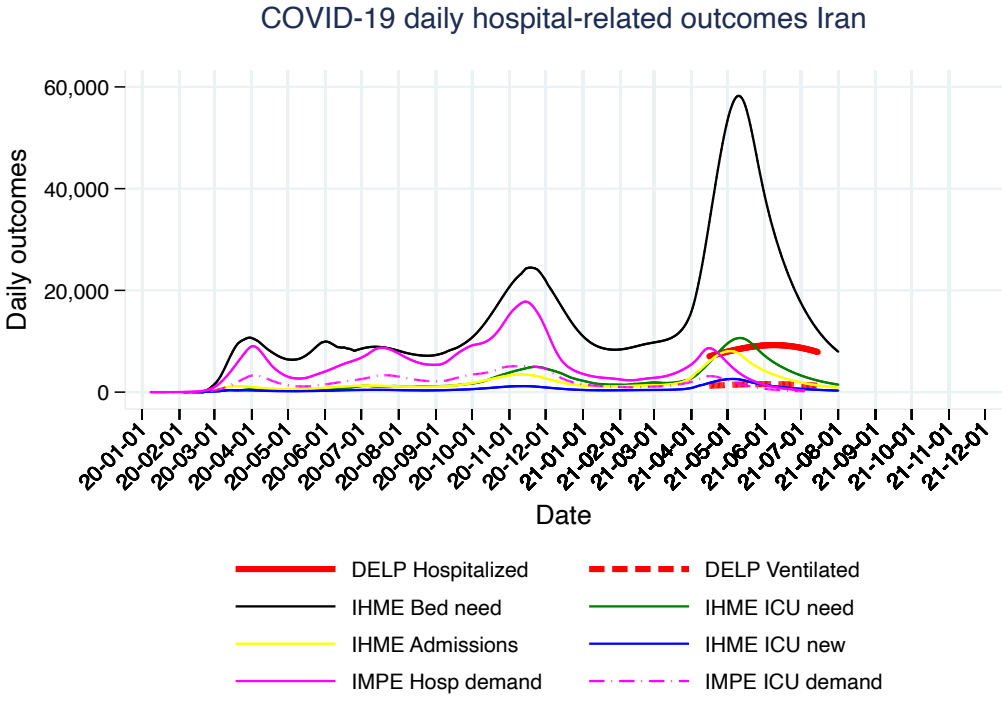

COVID-19 total cases or infections, Iran
reference scenarios
Total cases or infections
50,000,000
40,000,000
30,000,000
20,000,000
10,000,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

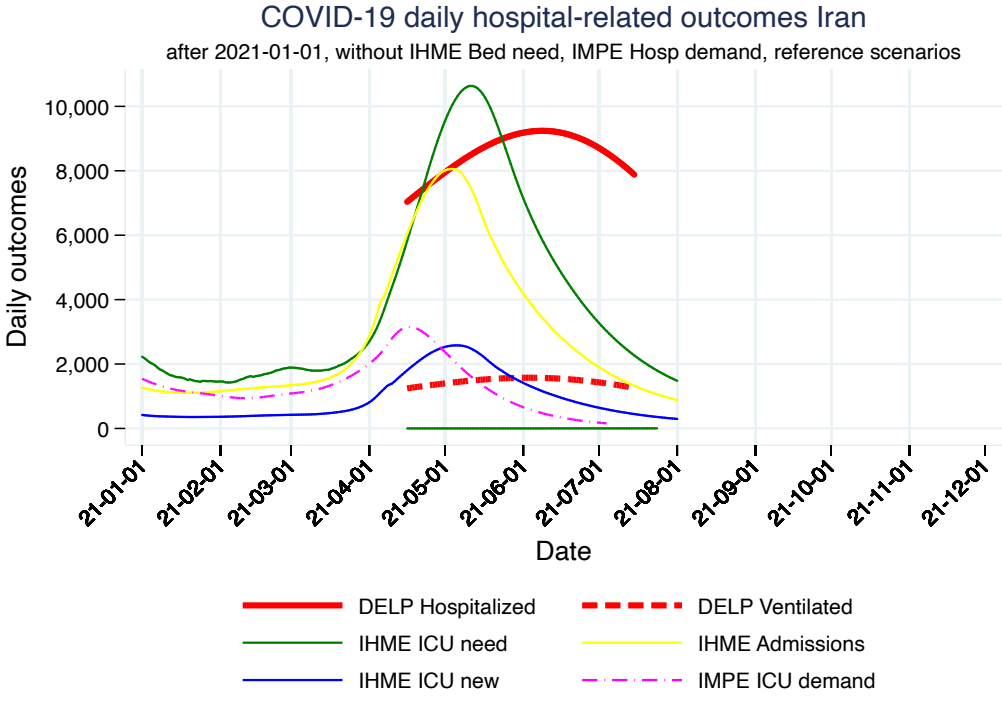

COVID-19 total cases or infections, Iran
after 2021-01-01, reference scenarios
Total cases or infections
50,000,000
40,000,000
30,000,000
20,000,000
10,000,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

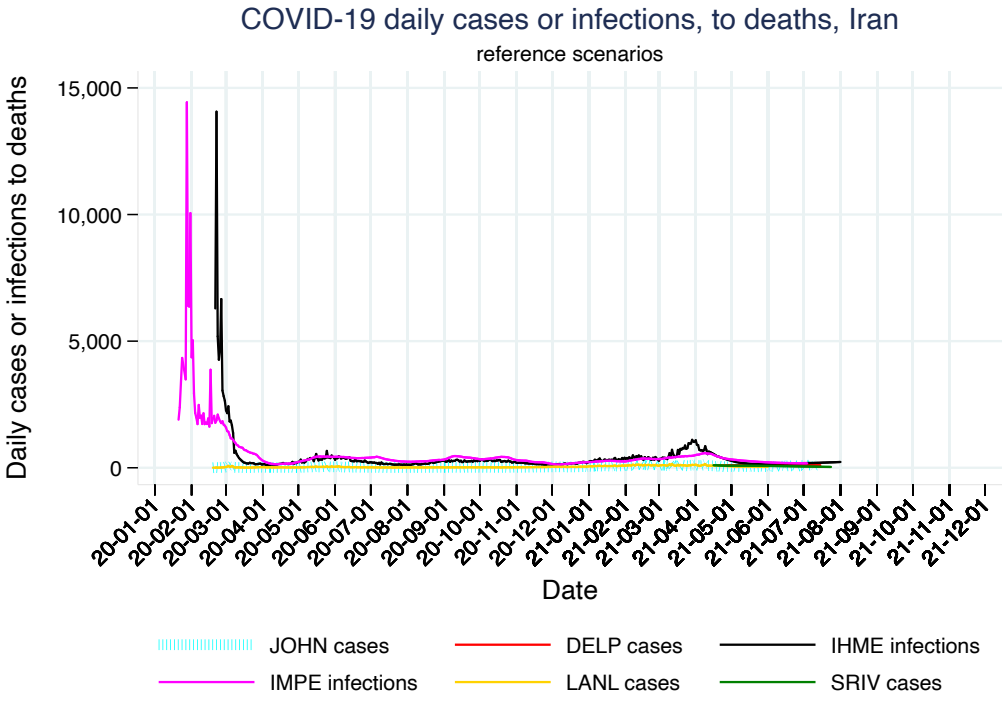

COVID-19 total cases or infections, Iran
after 2021-01-01, reference scenarios with uncertainty
Total cases or infections
60,000,000
40,000,000
20,000,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases
Uncertainty limits: dashed curves

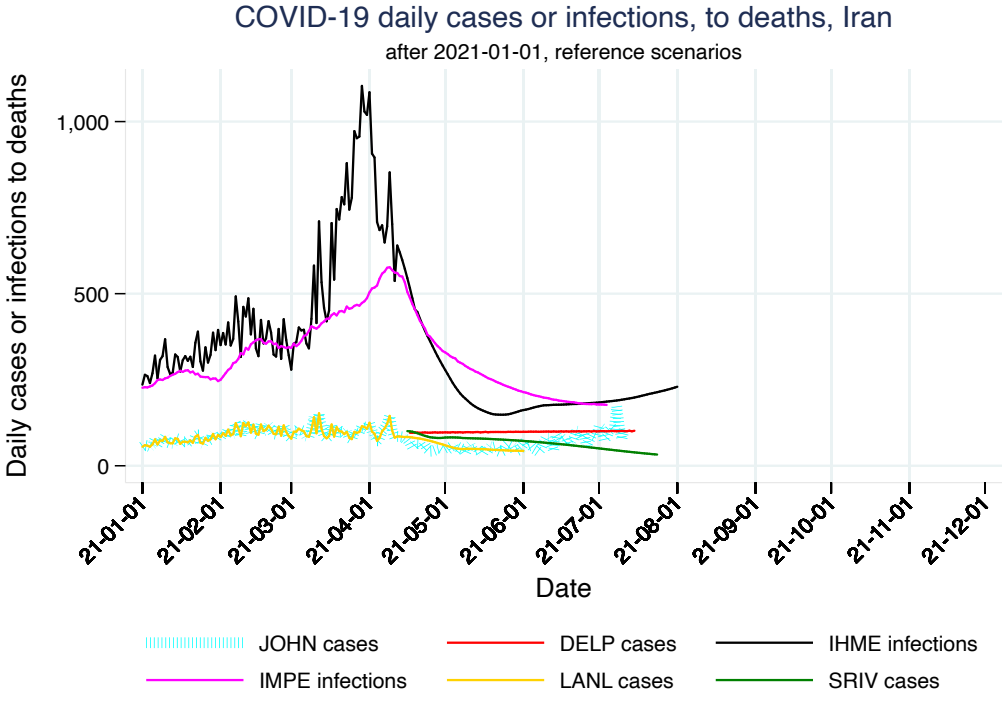

COVID-19 daily CFR or IFR, Iran
Daily CFR or IFR
100
80
60
40
20
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN CFR
DELP CFR
IHME IFR
IMPE IFR
LANL CFR
SRIV CFR

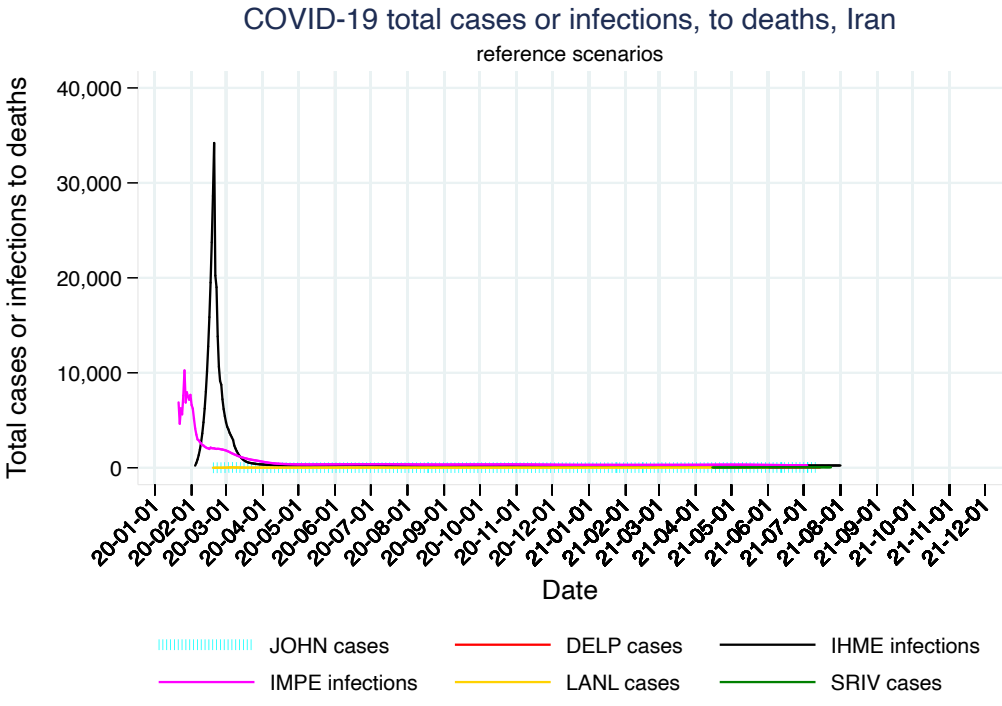

COVID-19 daily CFR or IFR, Iran
after 2021-01-01, reference scenarios
Daily CFR or IFR
0
1
2
3
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN CFR
DELP CFR
IHME IFR
IMPE IFR
LANL CFR
SRIV CFR

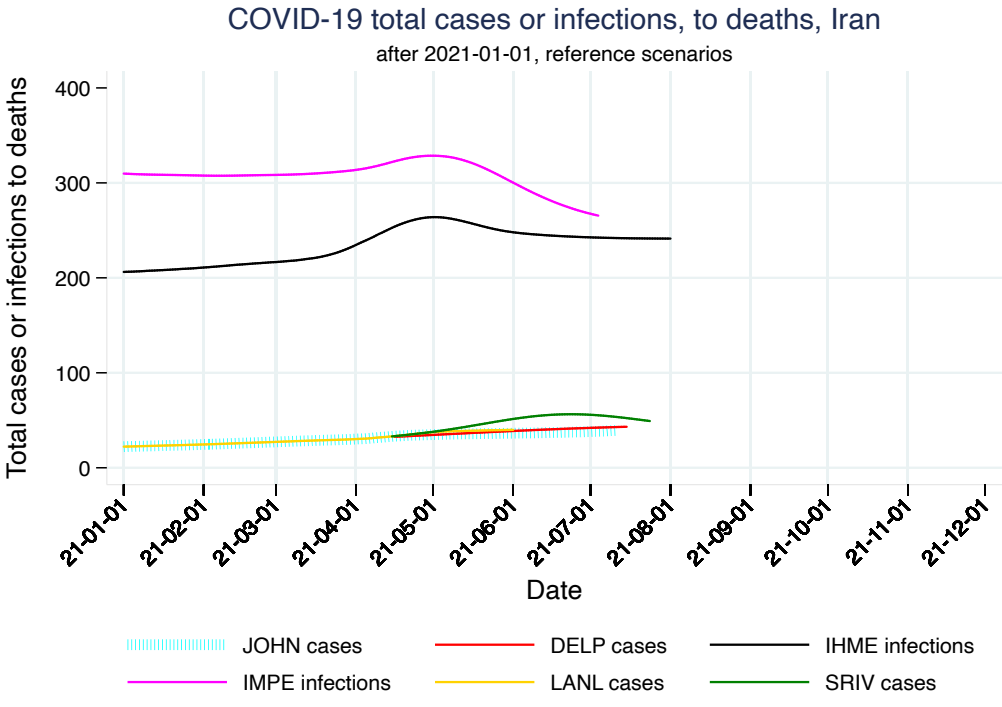

COVID-19 daily hospital-related outcomes Iran
Daily outcomes
60,000
40,000
20,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
DELP Hospitalized
DELP Ventilated
IHME Bed need
IHME ICU need
IHME Admissions
IHME ICU new
IMPE Hosp demand
IMPE ICU demand

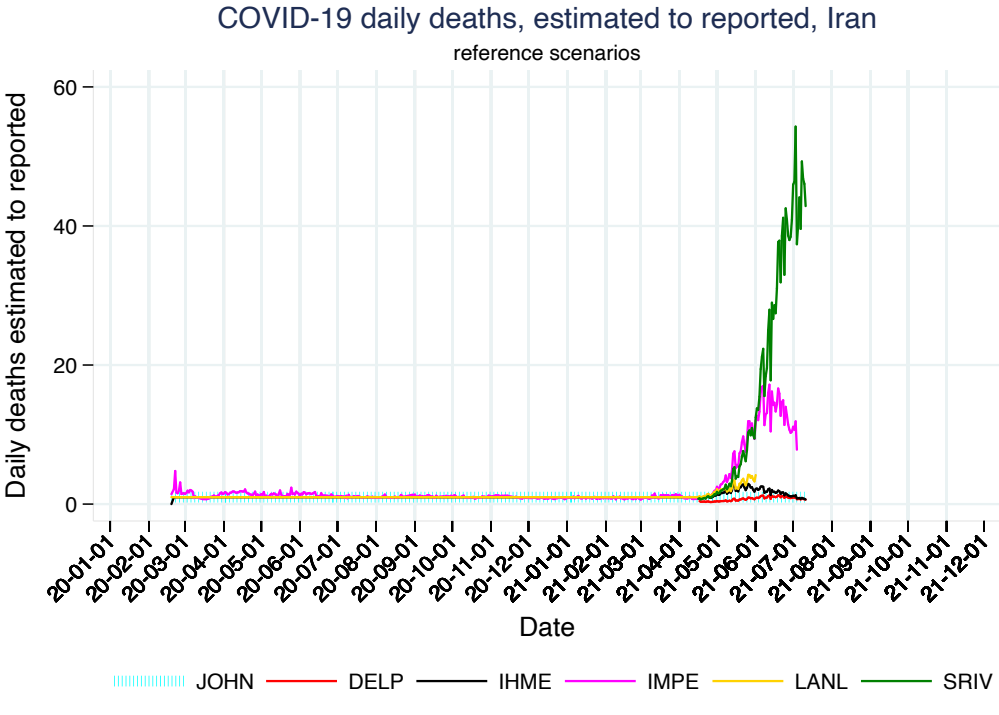

COVID-19 daily hospital-related outcomes Iran
after 2021-01-01, without IHME Bed need, IMPE Hosp demand, reference scenarios
Daily outcomes
10,000
8,000
6,000
4,000
2,000
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
DELP Hospitalized
DELP Ventilated
IHME ICU need
IHME Admissions
IHME ICU new
IMPE ICU demand

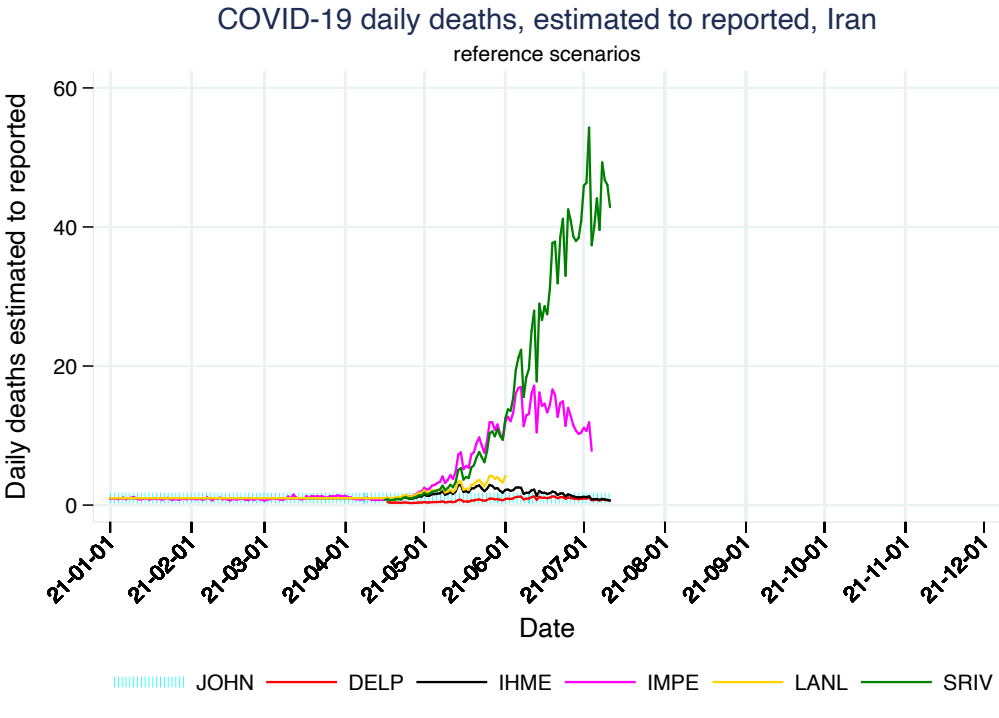

COVID-19 daily cases or infections, to deaths, Iran
reference scenarios
Daily cases or infections to deaths
15,000
10,000
5,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

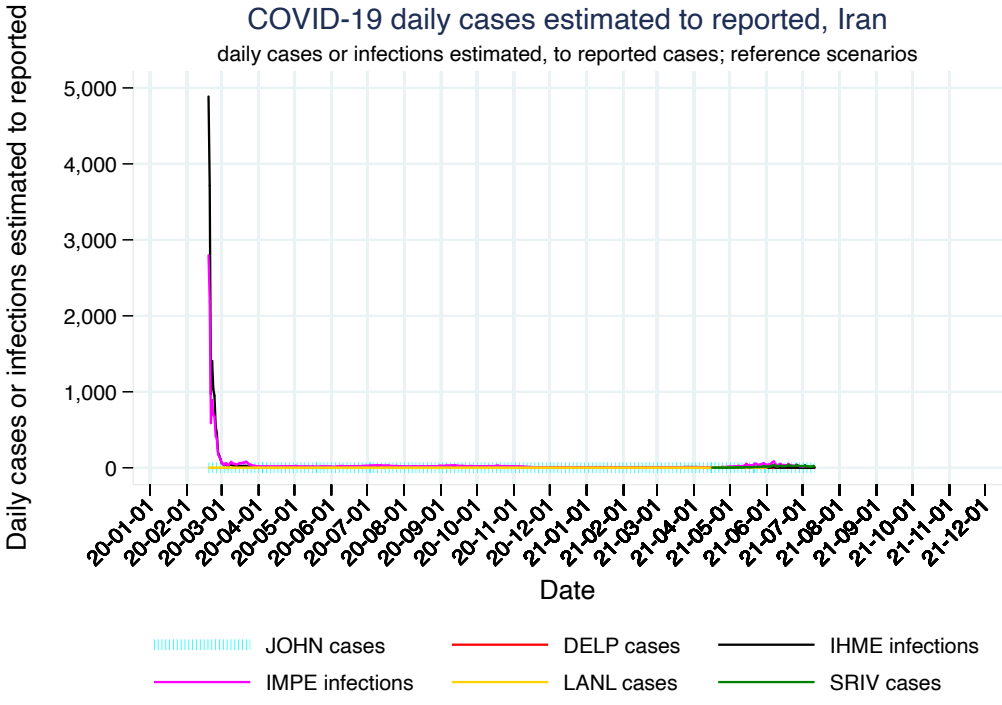

COVID-19 daily cases or infections, to deaths, Iran
after 2021-01-01, reference scenarios
Daily cases or infections to deaths
1,000
500
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

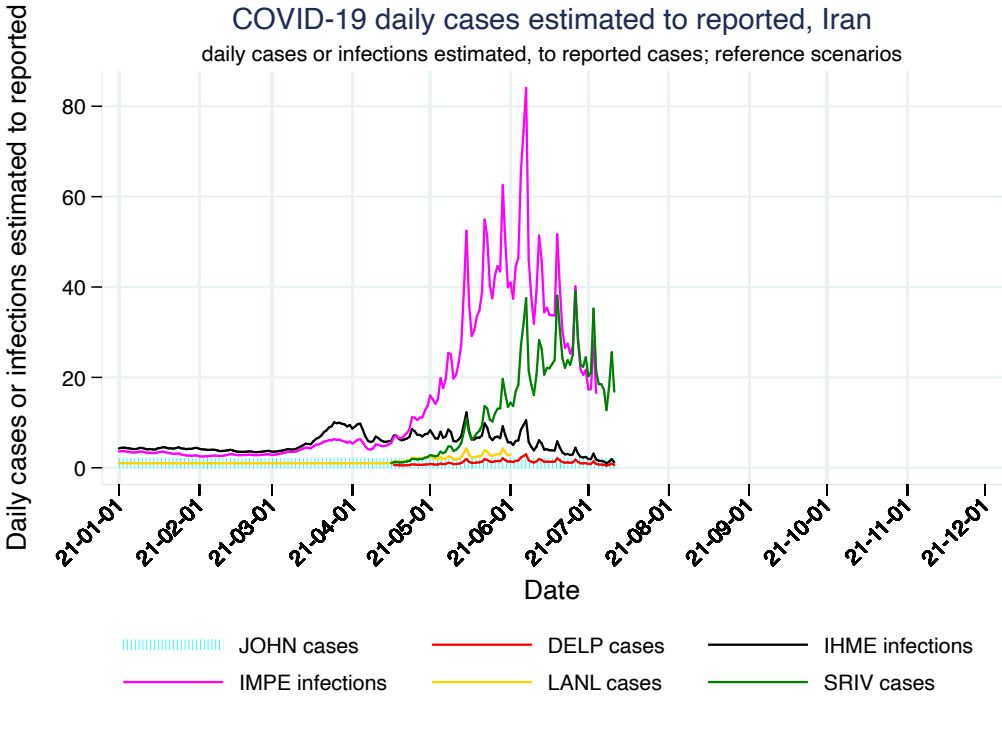

COVID-19 total cases or infections, to deaths, Iran
reference scenarios
Total cases or infections to deaths
40,000
30,000
20,000
10,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

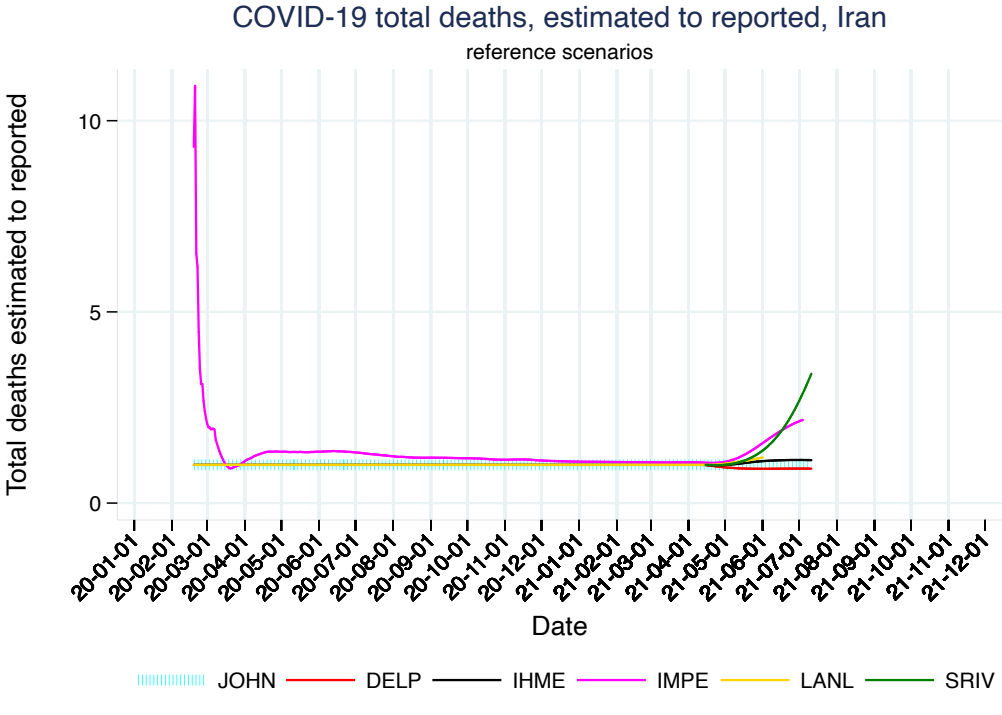

COVID-19 total cases or infections, to deaths, Iran
after 2021-01-01, reference scenarios
Total cases or infections to deaths
400
300
200
100
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases

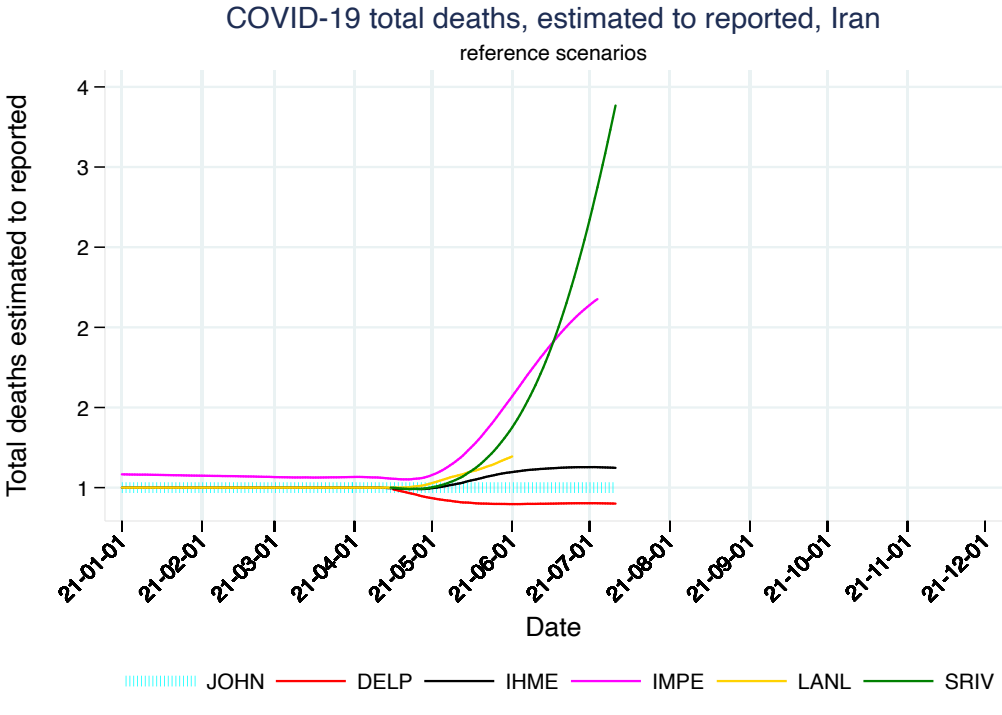

COVID-19 daily deaths, estimated to reported, Iran
reference scenarios
Daily deaths estimated to reported
60
40
20
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV

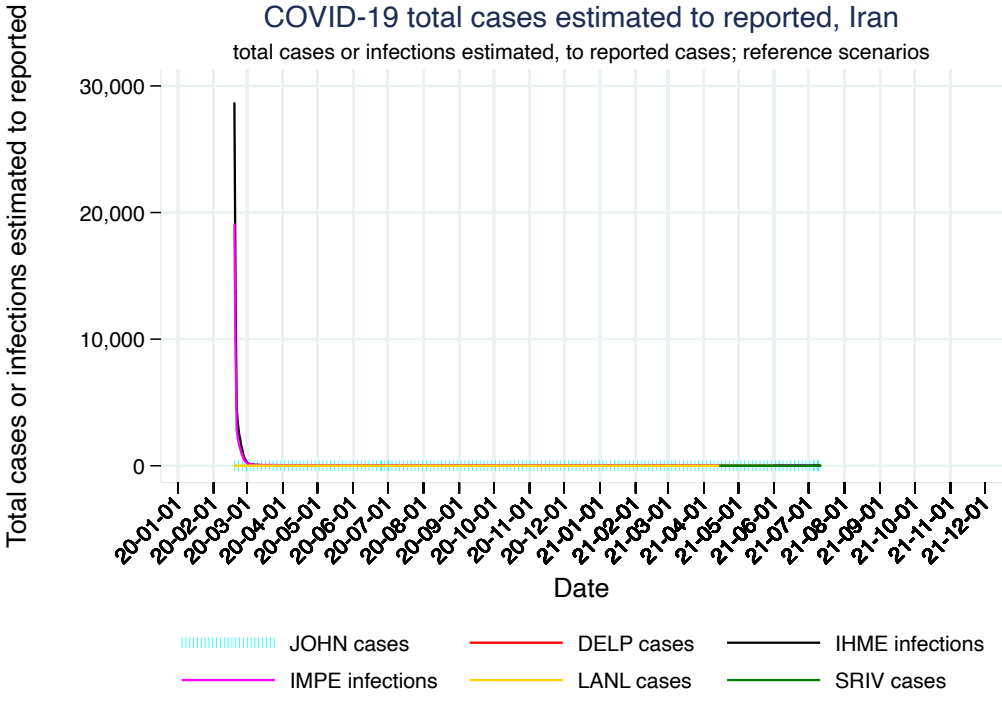

COVID-19 daily deaths, estimated to reported, Iran
reference scenarios
Daily deaths estimated to reported
60
40
20
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV

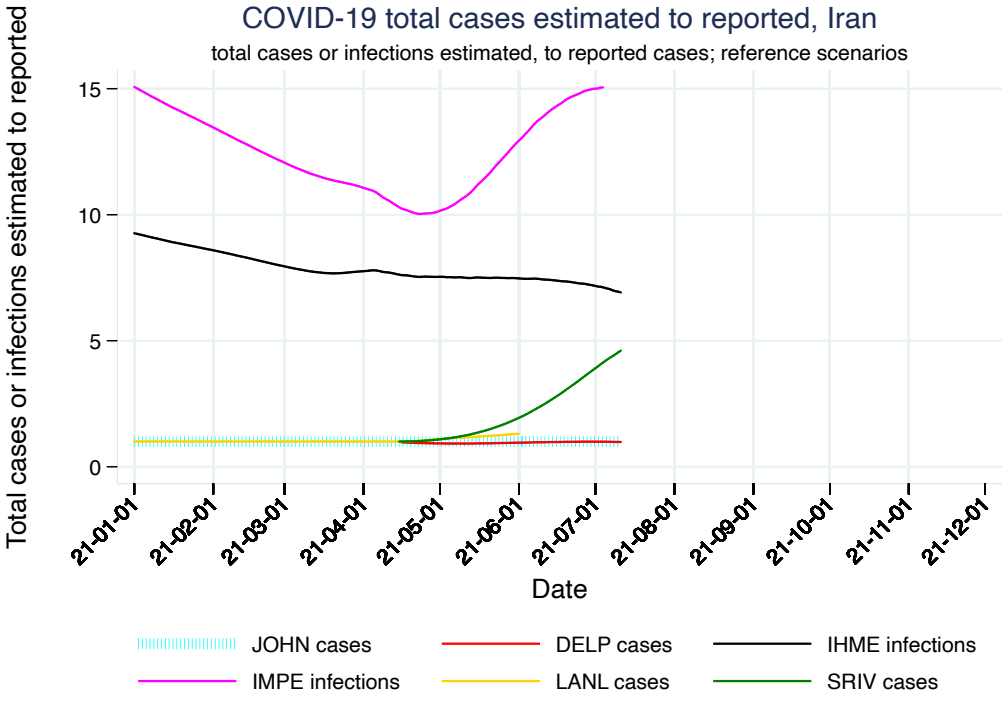

COVID-19 daily cases estimated to reported, Iran
daily cases or infections estimated, to reported cases; reference scenarios
Daily cases or infections estimated to reported
5,000
4,000
3,000
2,000
1,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases


COVID-19 daily cases estimated to reported, Iran
daily cases or infections estimated, to reported cases; reference scenarios
Daily cases or infections estimated to reported
0
20
40
60
80
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
IMPE infections
DELP cases
LANL cases
IHME infections
SRIV cases


COVID-19 total deaths, estimated to reported, Iran
reference scenarios
Total deaths estimated to reported
10
5
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV


COVID-19 total deaths, estimated to reported, Iran
reference scenarios
Total deaths estimated to reported
4
3
2
2
2
1
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN
DELP
IHME
IMPE
LANL
SRIV


COVID-19 total cases estimated to reported, Iran
total cases or infections estimated, to reported cases; reference scenarios
Total cases or infections estimated to reported
30,000
20,000
10,000
0
20-01-01
20-02-01
20-03-01
20-04-01
20-05-01
20-06-01
20-07-01
20-08-01
20-09-01
20-10-01
20-11-01
20-12-01
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases


COVID-19 total cases estimated to reported, Iran
total cases or infections estimated, to reported cases; reference scenarios
Total cases or infections estimated to reported
15
10
5
0
21-01-01
21-02-01
21-03-01
21-04-01
21-05-01
21-06-01
21-07-01
21-08-01
21-09-01
21-10-01
21-11-01
21-12-01
Date
JOHN cases
DELP cases
IHME infections
IMPE infections
LANL cases
SRIV cases