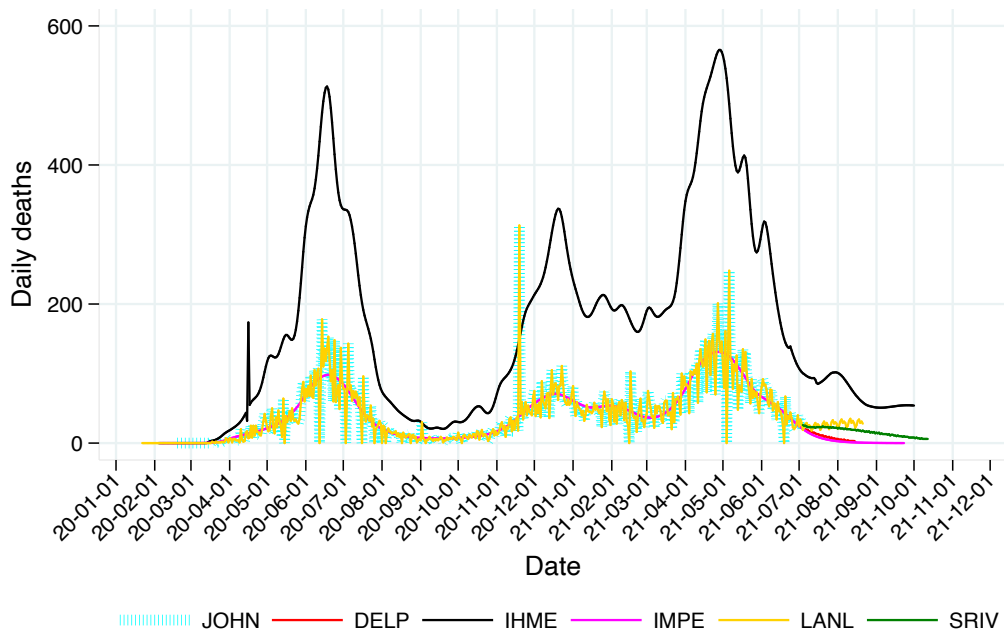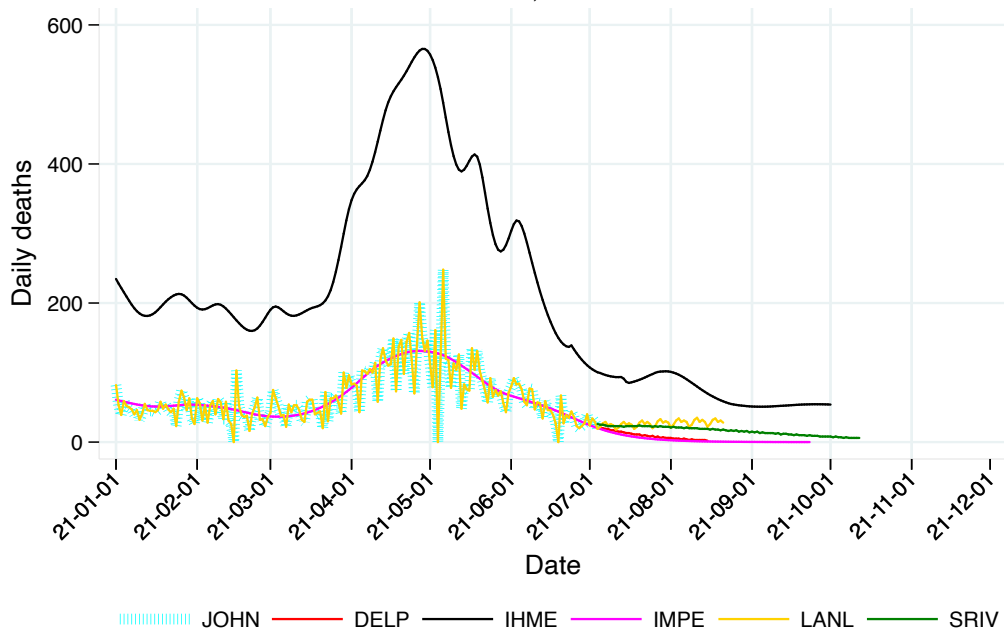COVID-19 daily deaths, Pakistan

reference scenarios
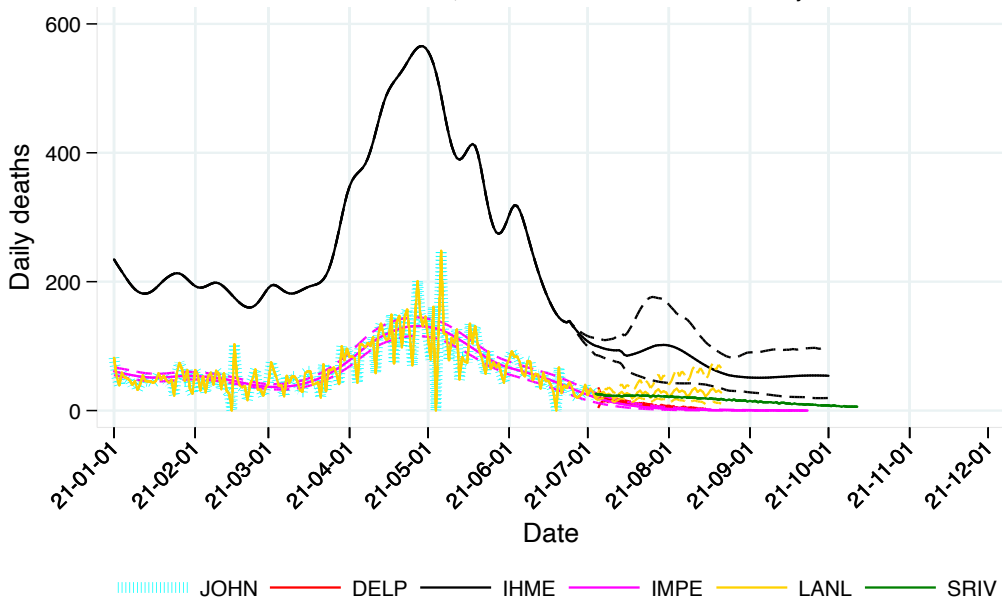
COVID-19 daily deaths, Pakistan
after 2021-01-01, reference scenarios
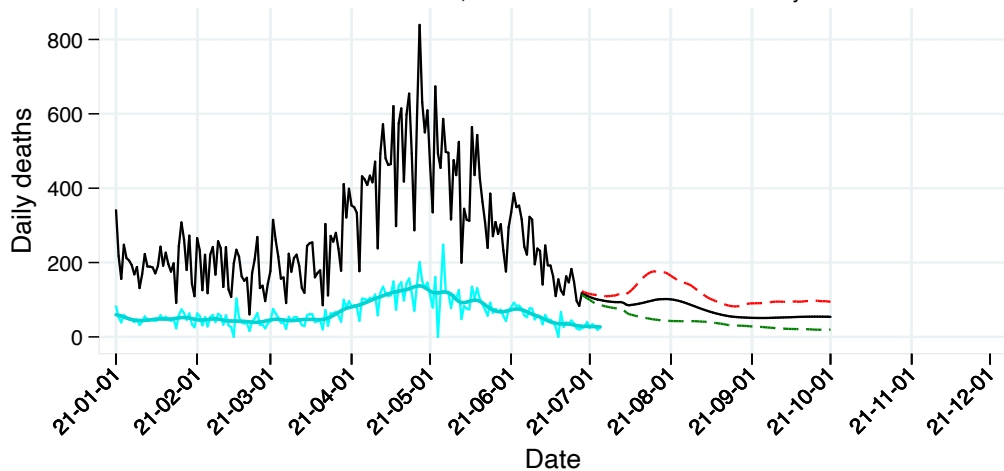
COVID-19 daily deaths, Pakistan
after 2021-01-01, reference scenarios with uncertainty

Uncertainty limits: dashed curves

COVID-19 daily deaths, Pakistan, IHME

after 2021-01-01, reference scenario with uncertainty

Daily deaths

Date

JOHN raw
JOHN smooth
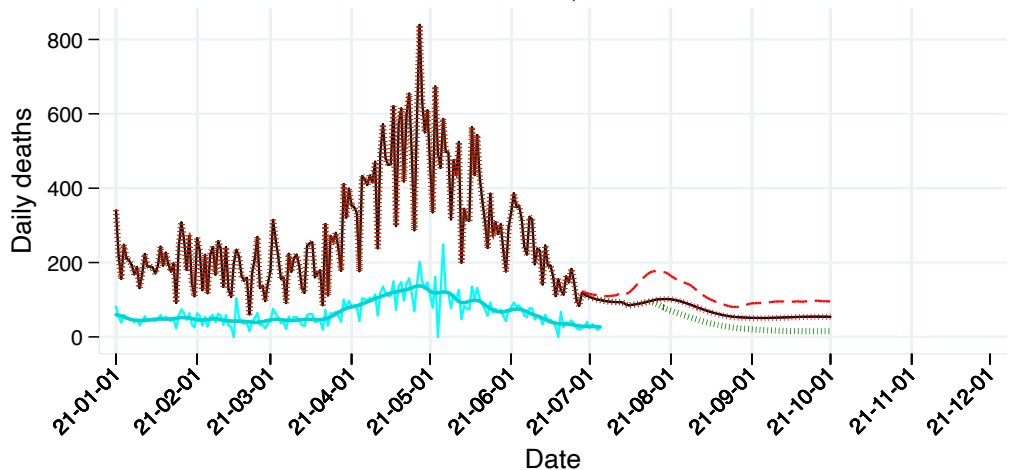IHME reference scenario, mean
IHME reference scenario, lower
IHME reference scenario, upper

Uncertainty limits: dashed (– – –) curves

COVID-19 daily deaths, Pakistan, IHME

after 2021-01-01, 3 scenarios

Daily deaths

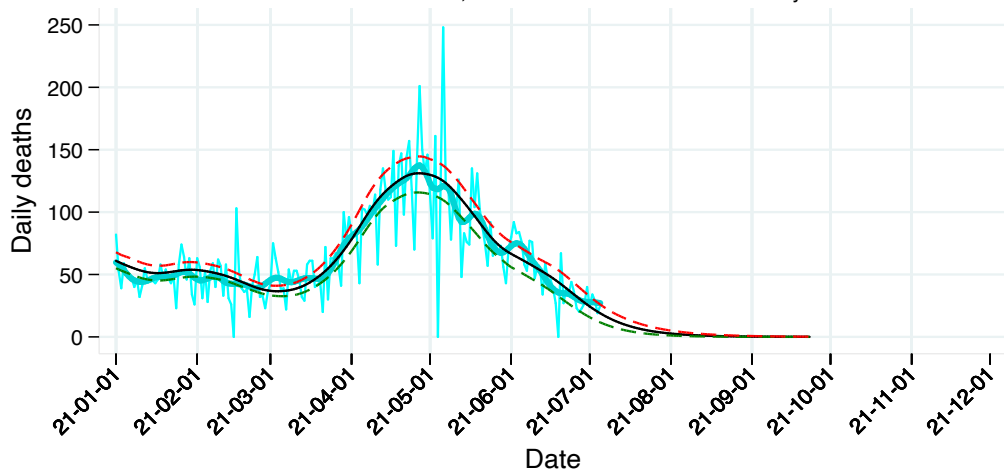| JOHN raw | JOHN smooth |
| IHME reference scenario, mean | IHME better scenario, mean |
| IHME worse scenario, mean | IHME worse scenario, upper uncertainty limit |

Better and worse scenarios: tight dot (llllll) curves; Uncertainty limits: dashed (– – –) curves
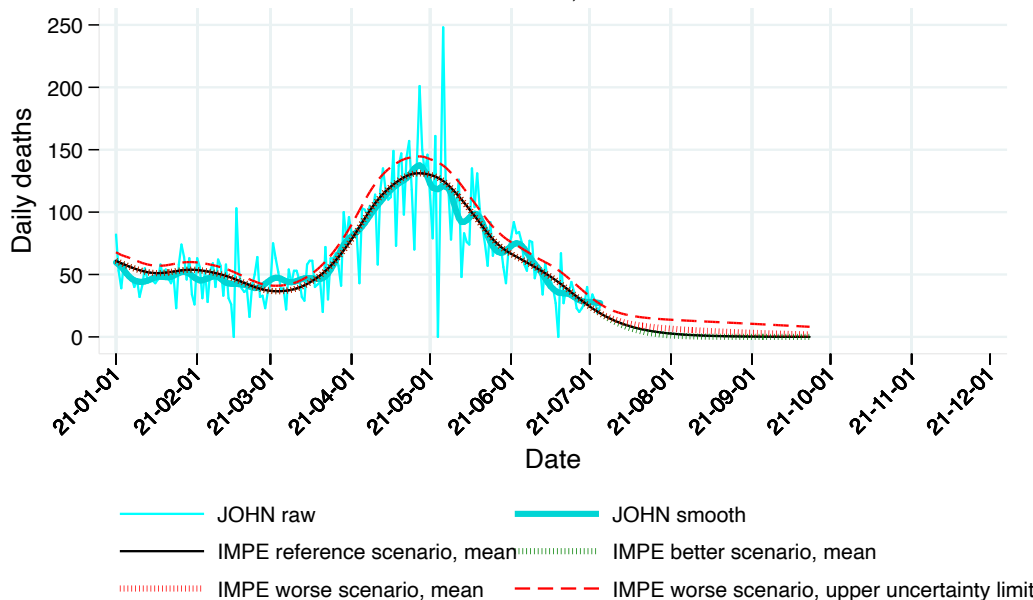
COVID-19 daily deaths, Pakistan, IMPE

after 2021-01-01, reference scenario with uncertainty

Legend:
- JOHN raw
- JOHN smooth
- IMPE reference scenario, mean
- IMPE reference scenario, lower
- IMPE sreference scenario, upper

Uncertainty limits: dashed (– – –) curves

COVID-19 daily deaths, Pakistan, IMPE

after 2021-01-01, 3 scenarios

Legend:
- JOHN raw
- JOHN smooth
- IMPE reference scenario, mean
- IMPE better scenario, mean
- IMPE worse scenario, mean
- IMPE worse scenario, upper uncertainty limit

Better and worse scenarios: tight dot (lllll) curves; Uncertainty limits: dashed (– – –) curves

COVID-19 daily cases or infections, Pakistan

reference scenarios

Daily cases or infections
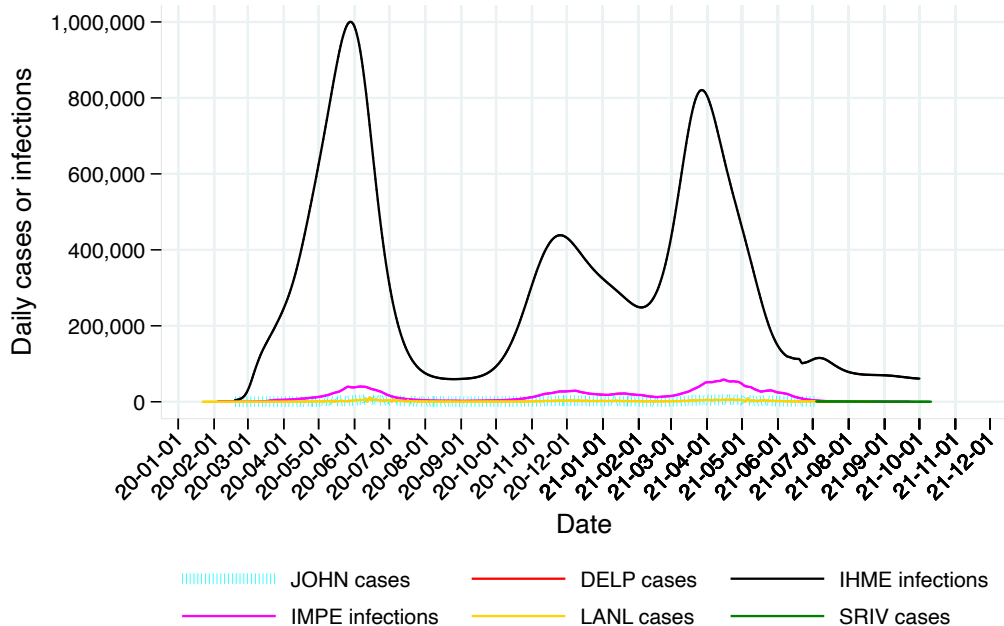
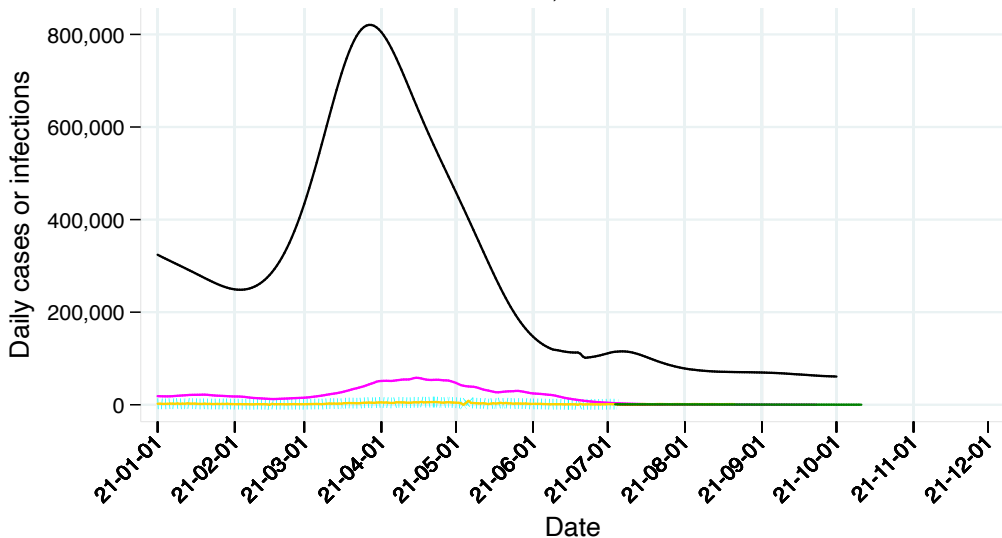| JOHN cases | DELP cases | IHME infections |
| IMPE infections | LANL cases | SRIV cases |

COVID-19 daily cases or infections, Pakistan
after 2021-01-01, reference scenarios
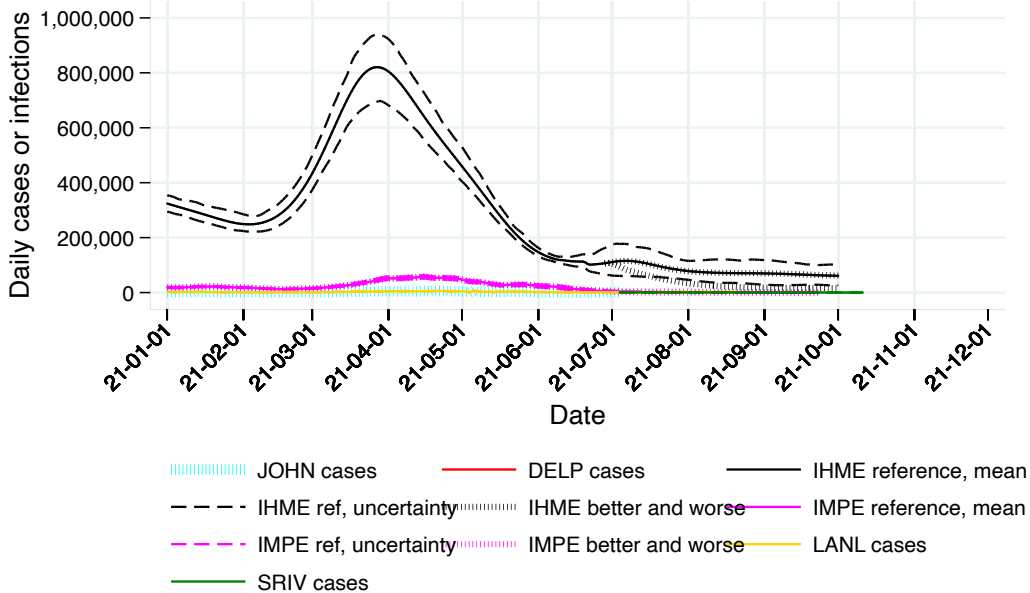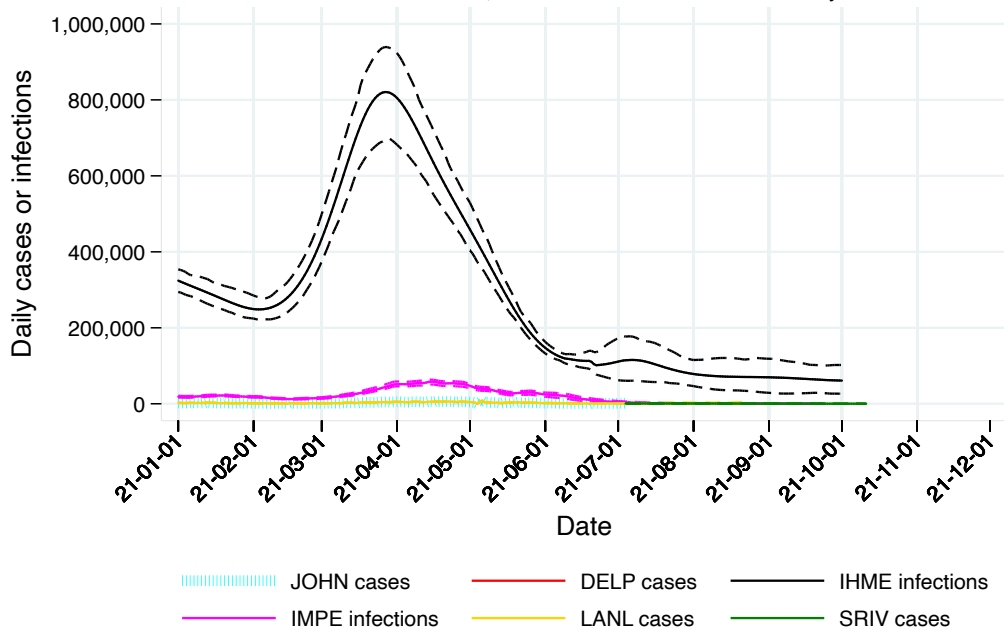
COVID-19 daily cases or infections, Pakistan

after 2021-01-01, full scenarios, with uncertainty; IHME & IMPE: infections

Daily cases or infections

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 (lllll) curves
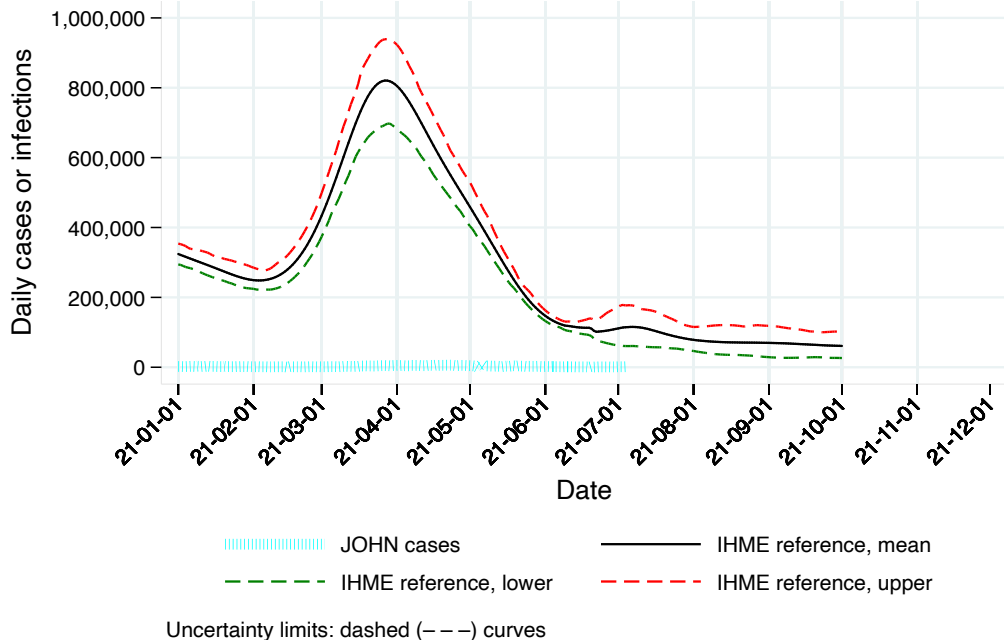
COVID-19 daily cases or infections, Pakistan

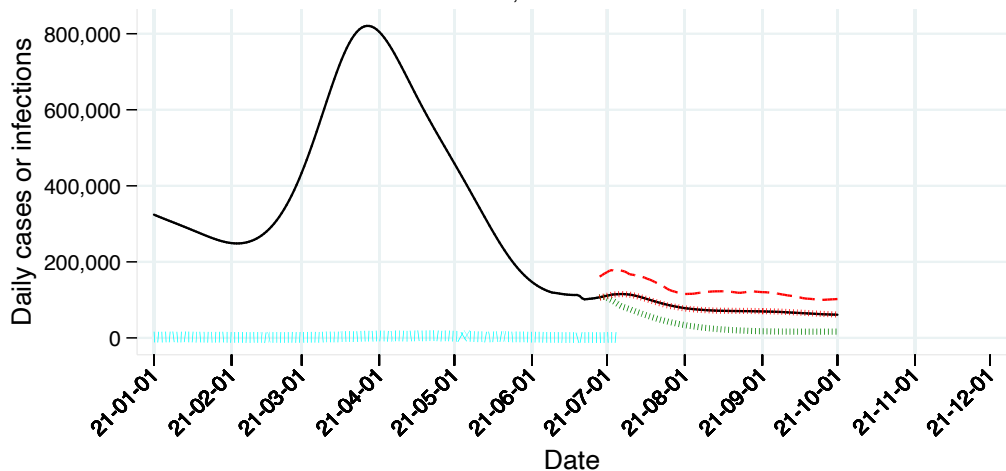after 2021-01-01, reference scenarios with uncertainty

COVID-19 daily cases JOHN, and infections IHME, Pakistan

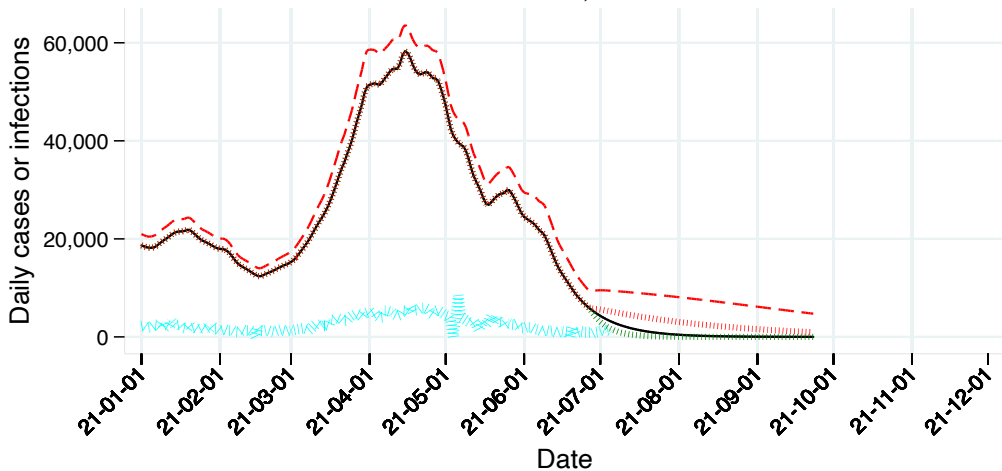after 2021-01-01, IHME infections reference scenario with uncertainty

Daily cases or infections

Date

JOHN cases — IHME reference, mean

IHME reference, lower — IHME reference, upper

Uncertainty limits: dashed (− − −) curves

COVID-19 daily JOHN, and infections IHME, Pakistan

after 2021-01-01, IHME infections 3 scenarios

Daily cases or infections (y-axis) vs Date (x-axis)

Legend:
- JOHN cases
- IHME reference, mean
- IHME better, mean
- IHME worse, mean
- IHME worse scenario, upper uncertainty limit

Better and worse scenarios: tight dot (lllll) curves; Uncertainty limits: dashed (– – –) curves

COVID-19 daily cases JOHN, and infections IMPE, Pakistan

after 2021-01-01, IMPE infections reference scenario with uncertainty

Daily cases or infections
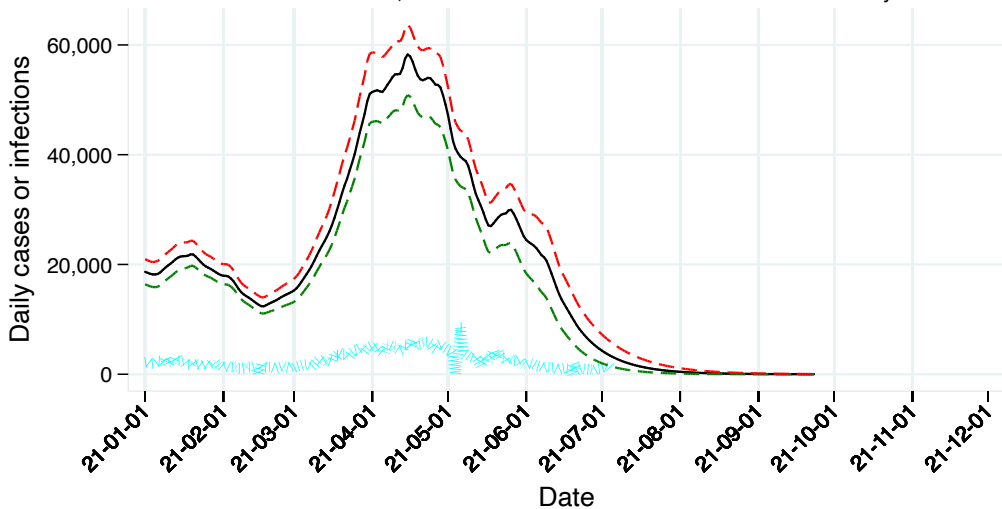
JOHN cases

IMPE reference, lower

IMPE reference, mean

IMPE reference, upper

Uncertainty limits: dashed (– – –) curves

Date

COVID-19 daily JOHN, and infections IMPE, Pakistan

after 2021-01-01, 3 scenarios

Daily cases or infections

Date

IIIIIIIII JOHN cases

IMPE reference, mean

IIIIIIIII IMPE better, mean

IIIIIIIII 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, Pakistan
reference scenarios

COVID-19 total deaths, Pakistan

after 2021-01-01, reference scenarios

COVID-19 total deaths, Pakistan
after 2021-01-01, reference scenarios with uncertainty

Uncertainty limits: dashed curves

COVID-19 total cases or infections, Pakistan
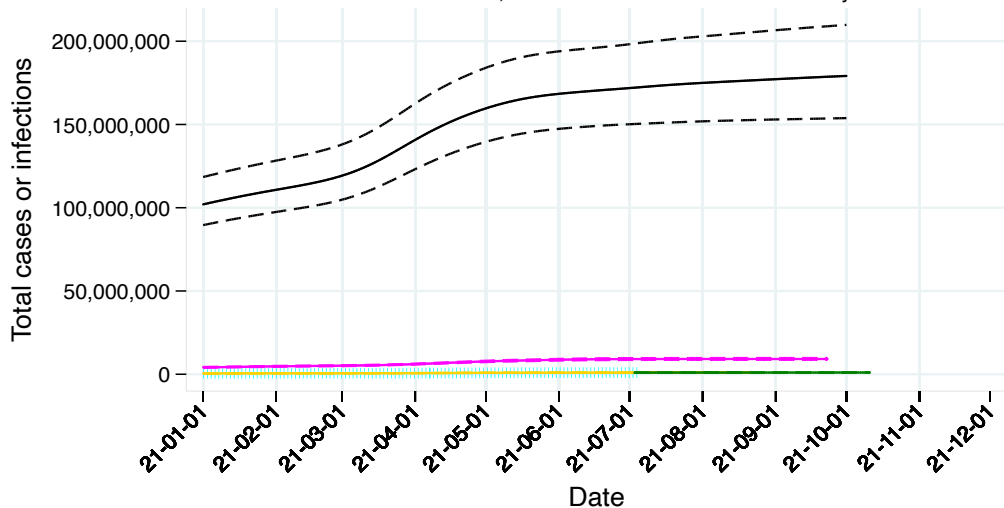
reference scenarios

Legend:
- JOHN cases
- DELP cases
- IHME infections
- IMPE infections
- LANL cases
- SRIV cases

X-axis: Date
Y-axis: Total cases or infections

COVID-19 total cases or infections, Pakistan
after 2021-01-01, reference scenarios

COVID-19 total cases or infections, Pakistan

after 2021-01-01, reference scenarios with uncertainty

Uncertainty limits: dashed curves

COVID-19 daily CFR or IFR, Pakistan

Figure plotting Daily CFR or IFR versus Date (20-01-01 to 21-12-01) for Pakistan, with series: JOHN CFR, IMPE IFR, DELP CFR, LANL CFR, IHME IFR, SRIV CFR.

COVID-19 daily CFR or IFR, Pakistan

after 2021-01-01, reference scenarios

JOHN CFR · DELP CFR · IHME IFR
IMPE IFR · LANL CFR · SRIV CFR

COVID-19 daily hospital-related outcomes Pakistan

Legend:
- DELP Hospitalized
- DELP Ventilated
- IHME Bed need
- IHME ICU need
- IHME Admissions
- IHME ICU new
- IMPE Hosp demand
- IMPE ICU demand

X-axis: Date
Y-axis: Daily outcomes
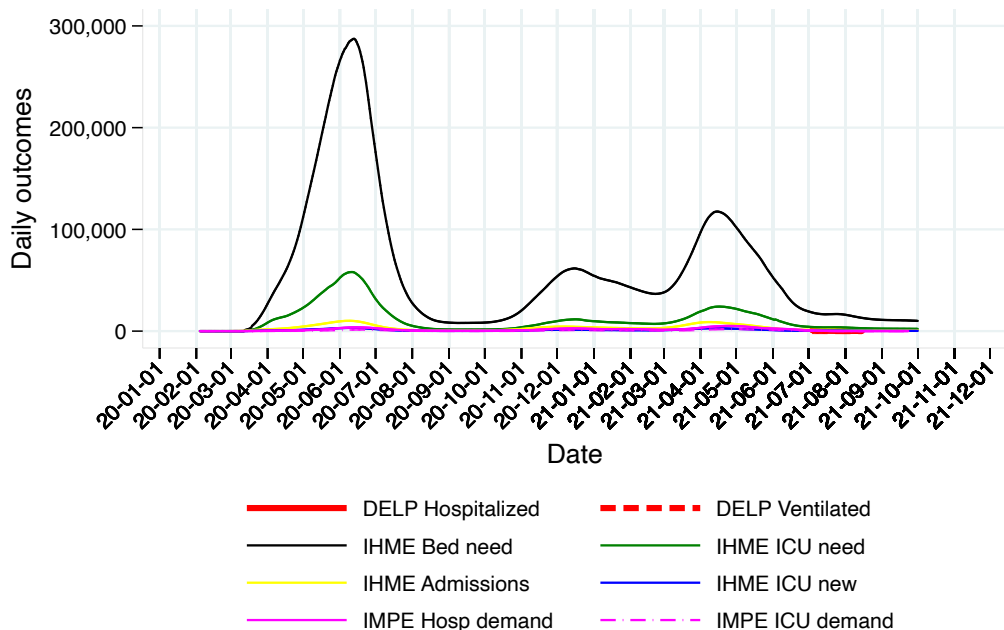
COVID-19 daily hospital-related outcomes Pakistan

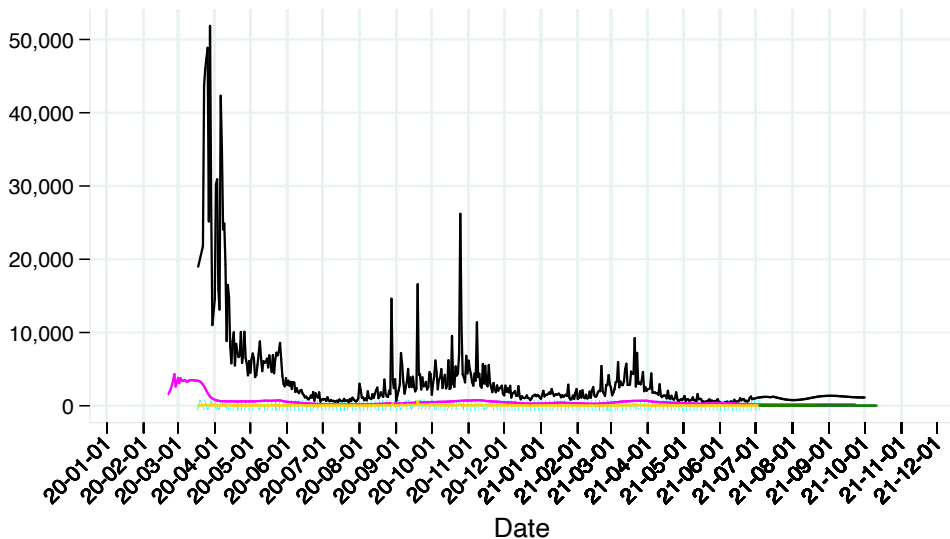after 2021-01-01, without IHME Bed need, IMPE Hosp demand, reference scenarios
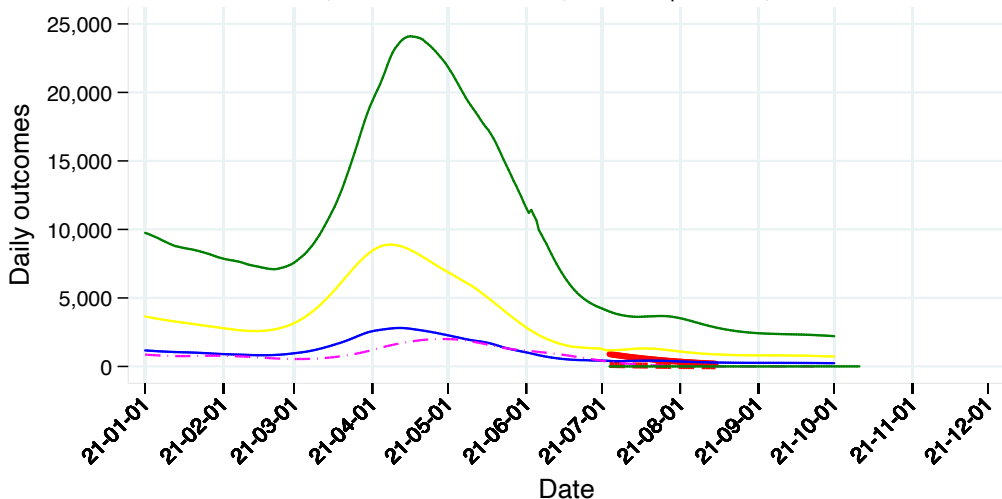
	DELP Hospitalized		DELP Ventilated
	IHME ICU need		IHME Admissions
	IHME ICU new		IMPE ICU demand

COVID-19 daily cases or infections, to deaths, Pakistan

reference scenarios

COVID-19 daily cases or infections, to deaths, Pakistan

after 2021-01-01, reference scenarios

Daily cases or infections to deaths

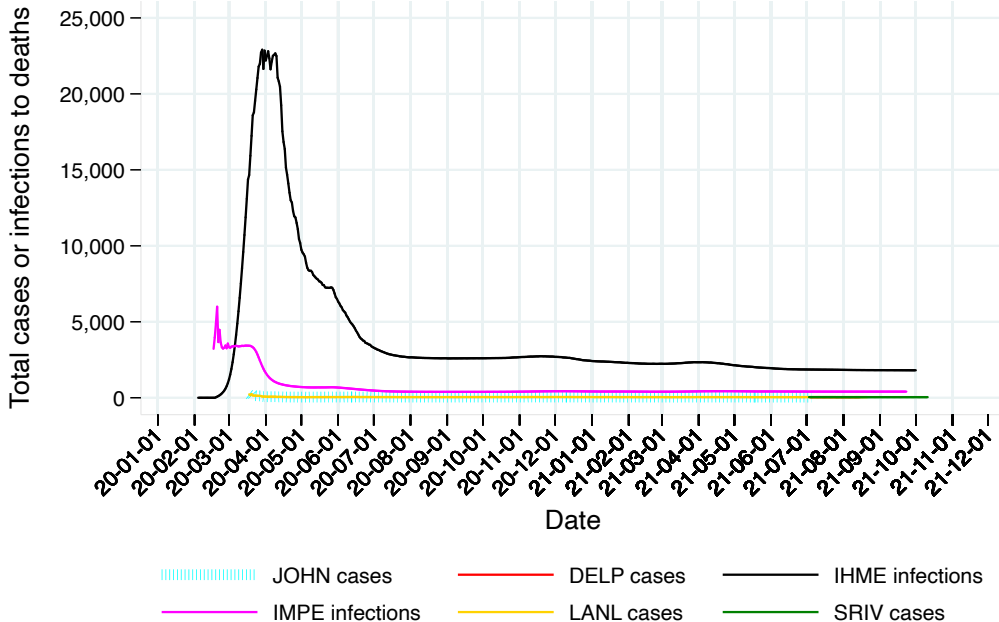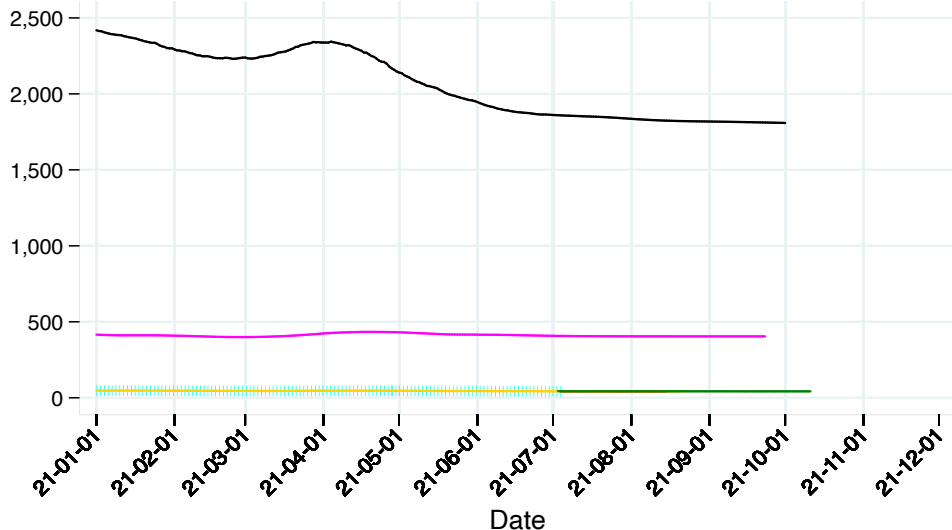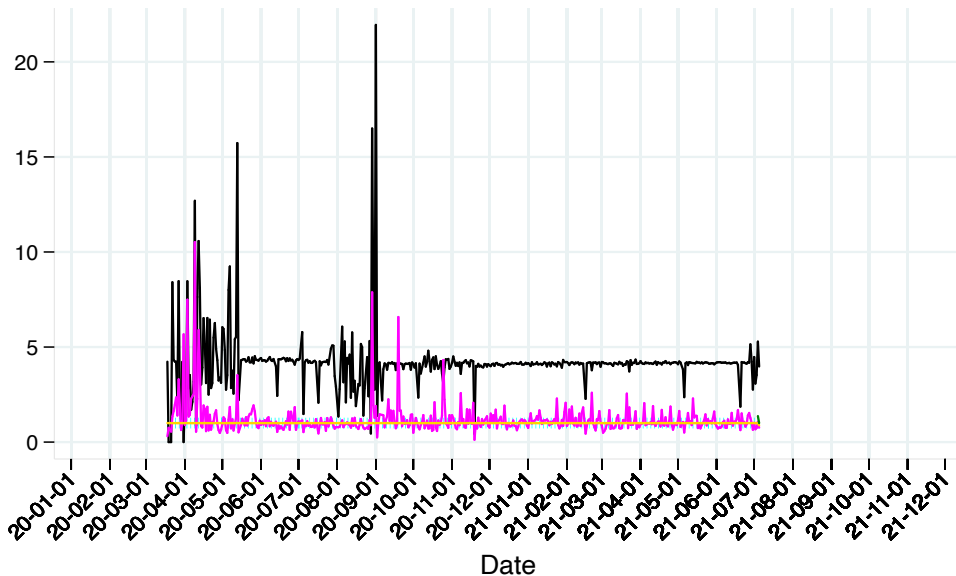| JOHN cases | DELP cases | IHME infections |
| IMPE infections | LANL cases | SRIV cases |

COVID-19 total cases or infections, to deaths, Pakistan

reference scenarios

Legend:
- JOHN cases
- DELP cases
- IHME infections
- IMPE infections
- LANL cases
- SRIV cases

COVID-19 total cases or infections, to deaths, Pakistan

after 2021-01-01, reference scenarios

Legend:
- JOHN cases
- DELP cases
- IHME infections
- IMPE infections
- LANL cases
- SRIV cases

COVID-19 daily deaths, estimated to reported, Pakistan

reference scenarios
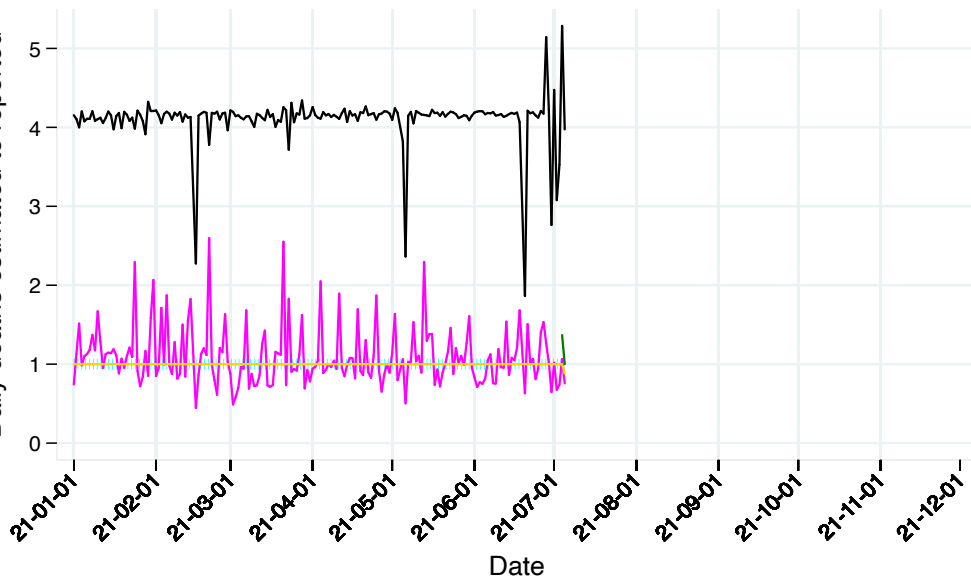
COVID-19 daily deaths, estimated to reported, Pakistan
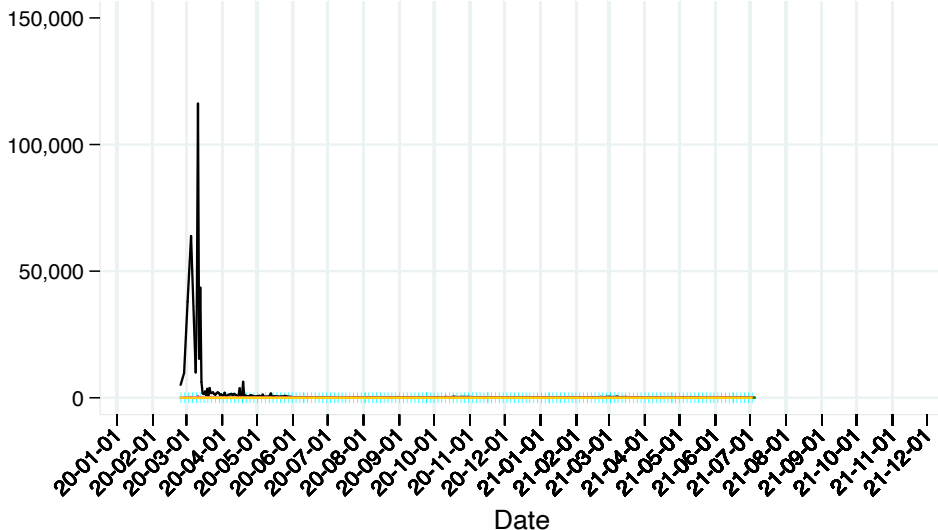
reference scenarios

JOHN   DELP   IHME   IMPE   LANL   SRIV

COVID-19 daily cases estimated to reported, Pakistan

daily cases or infections estimated, to reported cases; reference scenarios
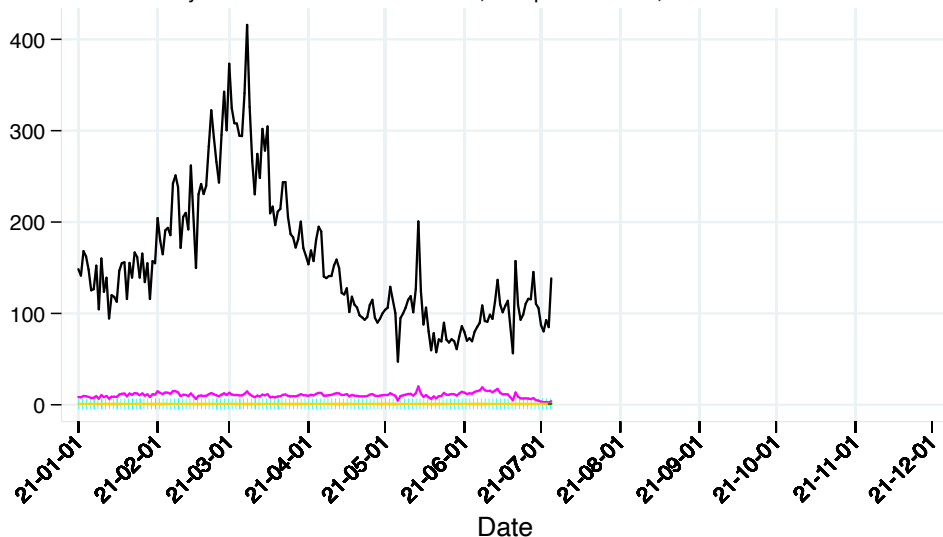
JOHN cases
IMPE infections
DELP cases
LANL cases
IHME infections
SRIV cases

COVID-19 daily cases estimated to reported, Pakistan

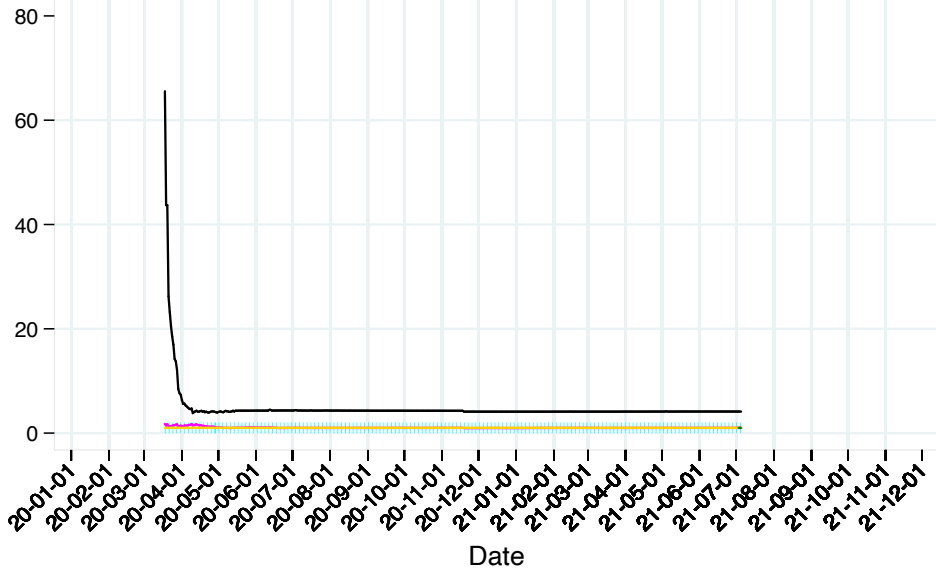daily cases or infections estimated, to reported cases; reference scenarios

COVID-19 total deaths, estimated to reported, Pakistan

reference scenarios

Total deaths estimated to reported

Date

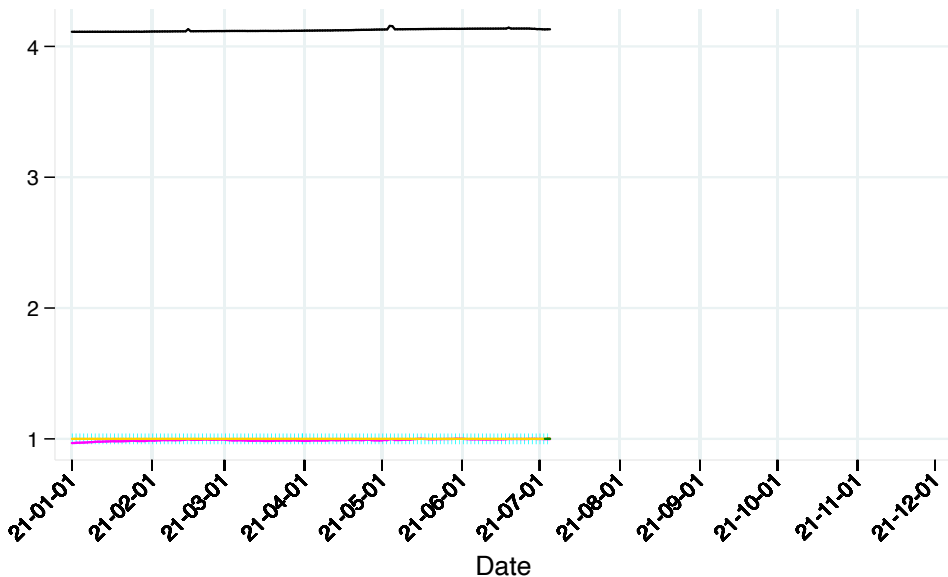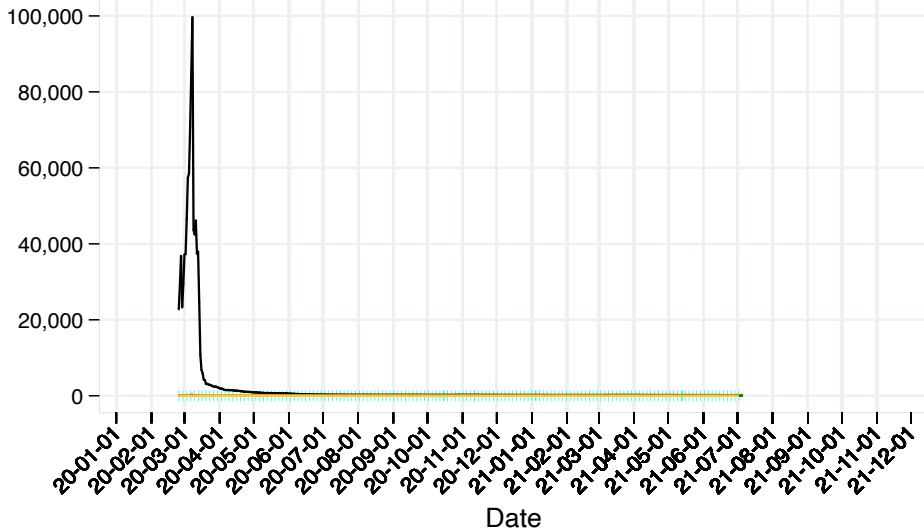JOHN ▪▪▪▪▪ DELP ▬▬▬ IHME ▬▬▬ IMPE ▬▬▬ LANL ▬▬▬ SRIV ▬▬▬

COVID-19 total deaths, estimated to reported, Pakistan
reference scenarios

COVID-19 total cases estimated to reported, Pakistan

total cases or infections estimated, to reported cases; reference scenarios
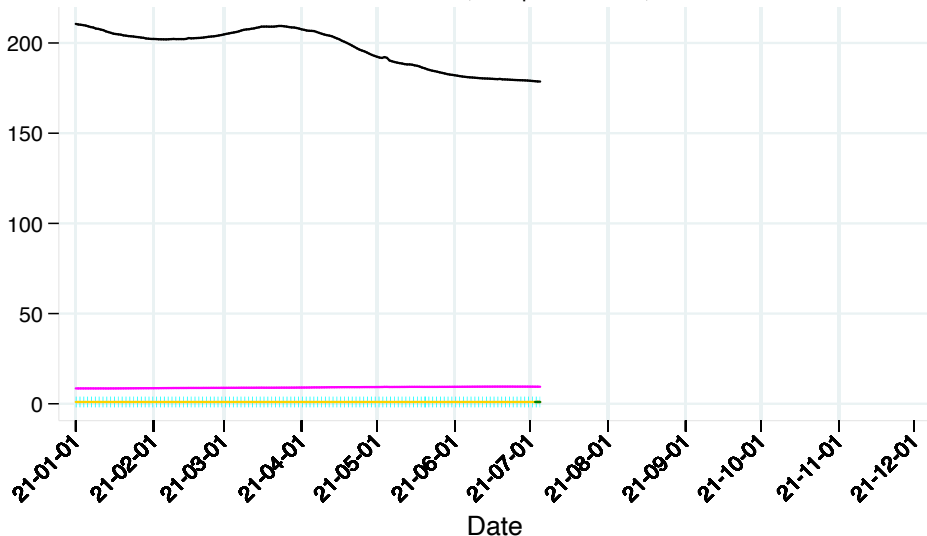
Legend:
- JOHN cases
- DELP cases
- IHME infections
- IMPE infections
- LANL cases
- SRIV cases

COVID-19 total cases estimated to reported, Pakistan

total cases or infections estimated, to reported cases; reference scenarios