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Thomas Demas, Managing Director
Michael Warren, Energy Strategist

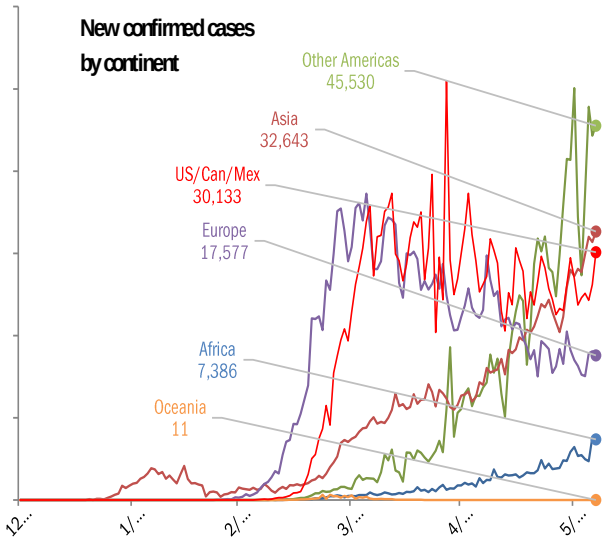
# Data Insights: Covid-2019 Monitor

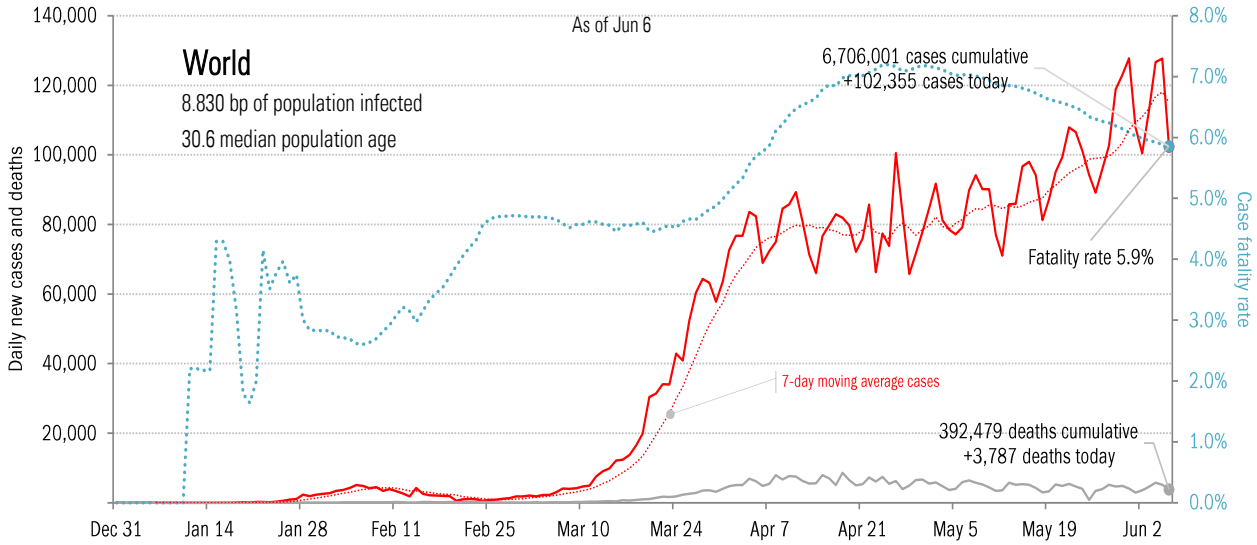
Saturday, June 6, 2020

## The global scorecard

**The worst ten countries**

| New cases | | New Deaths | |
|---|---|---|---|
| Brazil | +30,925 | Brazil | +1,473 |
| US | +25,178 | US | +932 |
| India | +9,887 | Mexico | +625 |
| Russia | +8,726 | UK | +357 |
| Pakistan | +4,734 | India | +294 |
| Mexico | +4,346 | Russia | +144 |
| Chile | +4,207 | Peru | +131 |
| Peru | +4,202 | Pakistan | +97 |
| Iran | +2,886 | Chile | +92 |
| Bangladesh | +2,828 | Italy | +85 |
| | +97,919 | | +4,230 |
| World | +102,355 | World | +3,787 |
| Top ten | 96% | Top ten | 112% |




Source: ECDC, TrendMacro calculations

**For more information contact us:**
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# The US scorecard

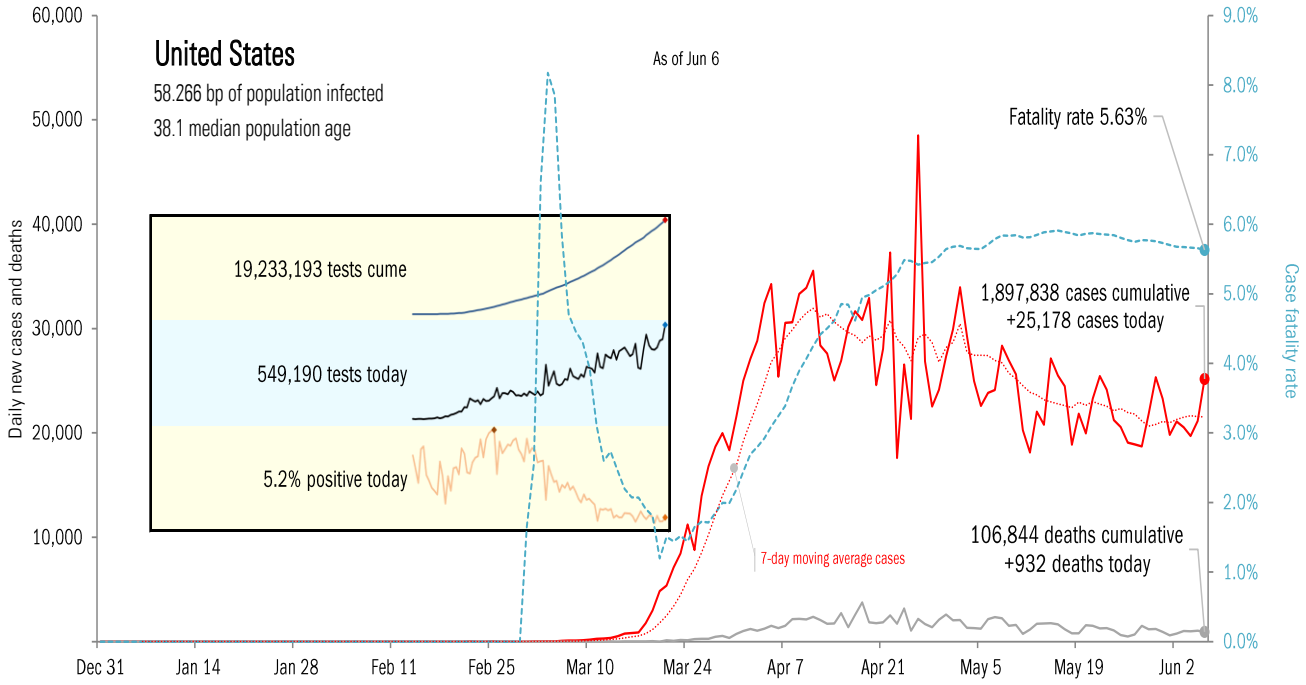
National and state-by-state data do not line up because of different sources

**The ten worst US states**

| New cases | | New Deaths | | New in hospital | | Cume cases | | Cume deaths | | Cume in hospital | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MI | +5,298 | MI | +260 | NJ | +276 | NY | 376,208 | NY | 24,175 | NY | 89,995 |
| CA | +3,094 | NJ | +79 | FL | +143 | NJ | 163,336 | NJ | 12,049 | NJ | 17,880 |
| TX | +1,693 | PA | +69 | MS | +135 | IL | 125,915 | MA | 7,235 | FL | 11,066 |
| AZ | +1,579 | CA | +63 | MD | +129 | CA | 122,901 | PA | 5,886 | MA | 10,303 |
| FL | +1,305 | IL | +59 | GA | +89 | MA | 102,557 | MI | 5,855 | CT | 9,669 |
| NC | +1,289 | FL | +54 | OH | +73 | PA | 75,005 | IL | 5,795 | MD | 9,346 |
| IL | +1,156 | NY | +42 | AZ | +70 | TX | 71,613 | CA | 4,485 | GA | 8,646 |
| NY | +1,075 | MA | +34 | MA | +65 | MI | 63,539 | CT | 4,038 | VA | 7,597 |
| MD | +912 | MD | +34 | IN | +54 | FL | 61,488 | LA | 2,912 | OH | 6,385 |
| NJ | +806 | MN | +33 | WI | +52 | MD | 56,770 | FL | 2,745 | IN | 6,053 |
| | +18,207 | | +727 | | +1,086 | | 1,219,332 | | 75,175 | | 176,940 |
| All states | +28,615 | All states | +1,100 | All states | +1,440 | All states | 1,892,727 | All states | 103,201 | All states | 215,252 |
| Top ten | 64% | Top ten | 66% | Top ten | 75% | Top ten | 64% | Top ten | 73% | Top ten | 82% |

**Five most improved US states**

| Fewer daily cases | | Fewer new deaths | | Fewer new hospitalizations | | Most recoveries | |
|---|---|---|---|---|---|---|---|
| IA | -403 | IL | -56 | GA | -49 | TX | +1,066 |
| PR | -373 | OH | -24 | NE | -48 | PA | +1,050 |
| VA | -275 | MA | -15 | VA | -27 | IN | +610 |
| GA | -179 | NC | -15 | MA | -22 | NE | +593 |
| WI | -135 | NY | -12 | MN | -14 | MN | +374 |




Source: States and test data Covid Tracking Project, US data ECDC, TrendMacro calculations

## Recommended reading

[Michigan COVID-19 deaths swell, as state tweaks how it tallies cases]
Mike Wilkinson
*Bridge*
June 5, 2020

[Britain's 'Professor Reopen']
Tunku Varadarajan
*Wall Street Journal*
June 5, 2020

[Karl Friston: up to 80% not even susceptible to Covid-19]
Freddie Sayers
*UnHerd*
June 4, 2020

[New antibiotic promises to win war against superbugs]
Rhys Blakely
*The Times*
June 4, 2020

[The first 1,000 words of Chapter 1 of "Unreported Truths about COVID-19 and Lockdowns" – the booklet Amazon has censored]
Alex Berenson
*Alex Berenson*
June 4, 2020

[Covid-19: Lancet retracts paper that halted hydroxychloroquine trials]
Sarah Boseley and Melissa Davey
*The Guardian*
June 4, 2020

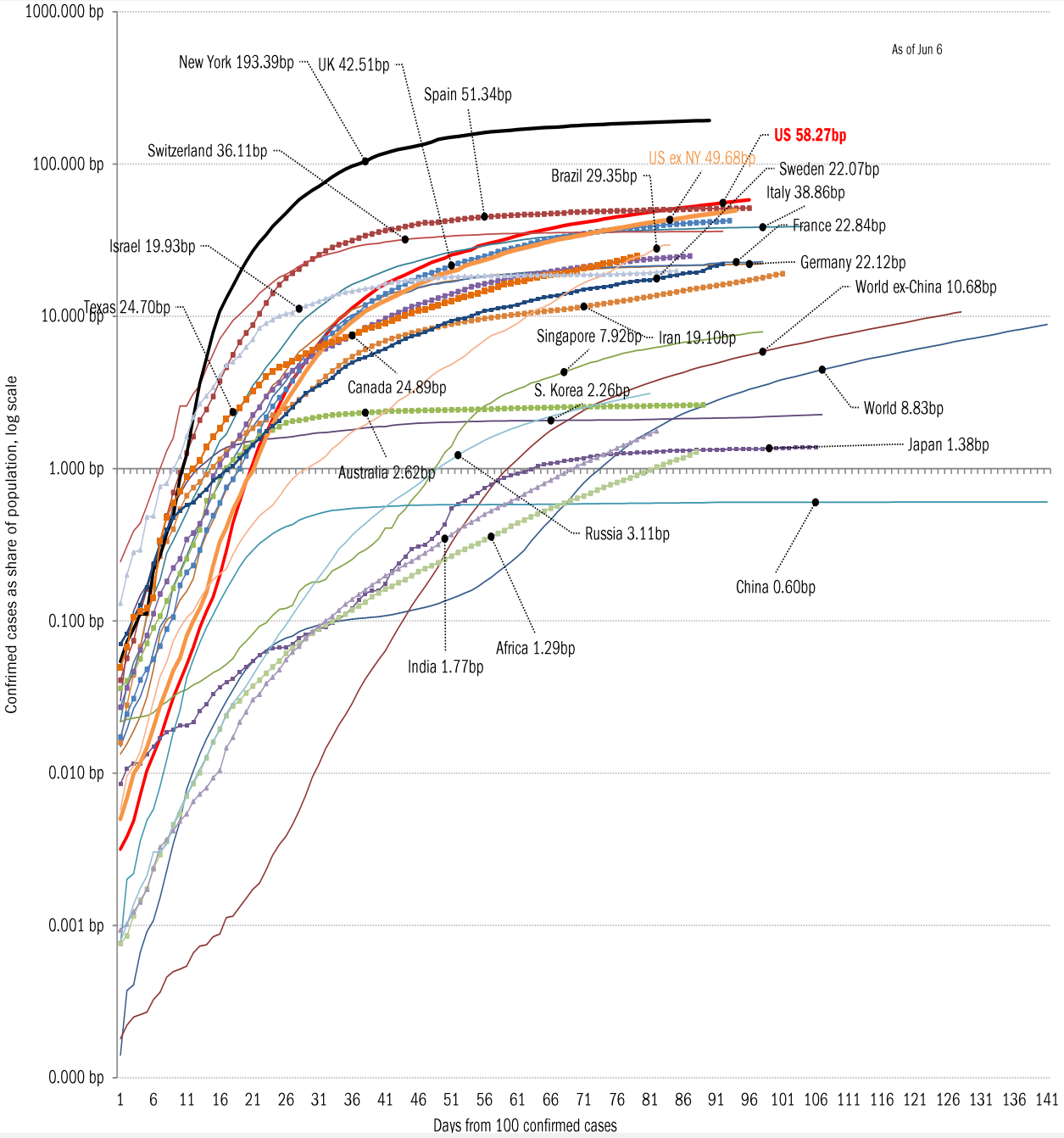
[Freedom and Decline]
Reuven Brenner
*Law & Liberty*
June 5, 2020

## Meme of the day

Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"]

## The coronavirus case accelerometer… tracking the world's infection curves

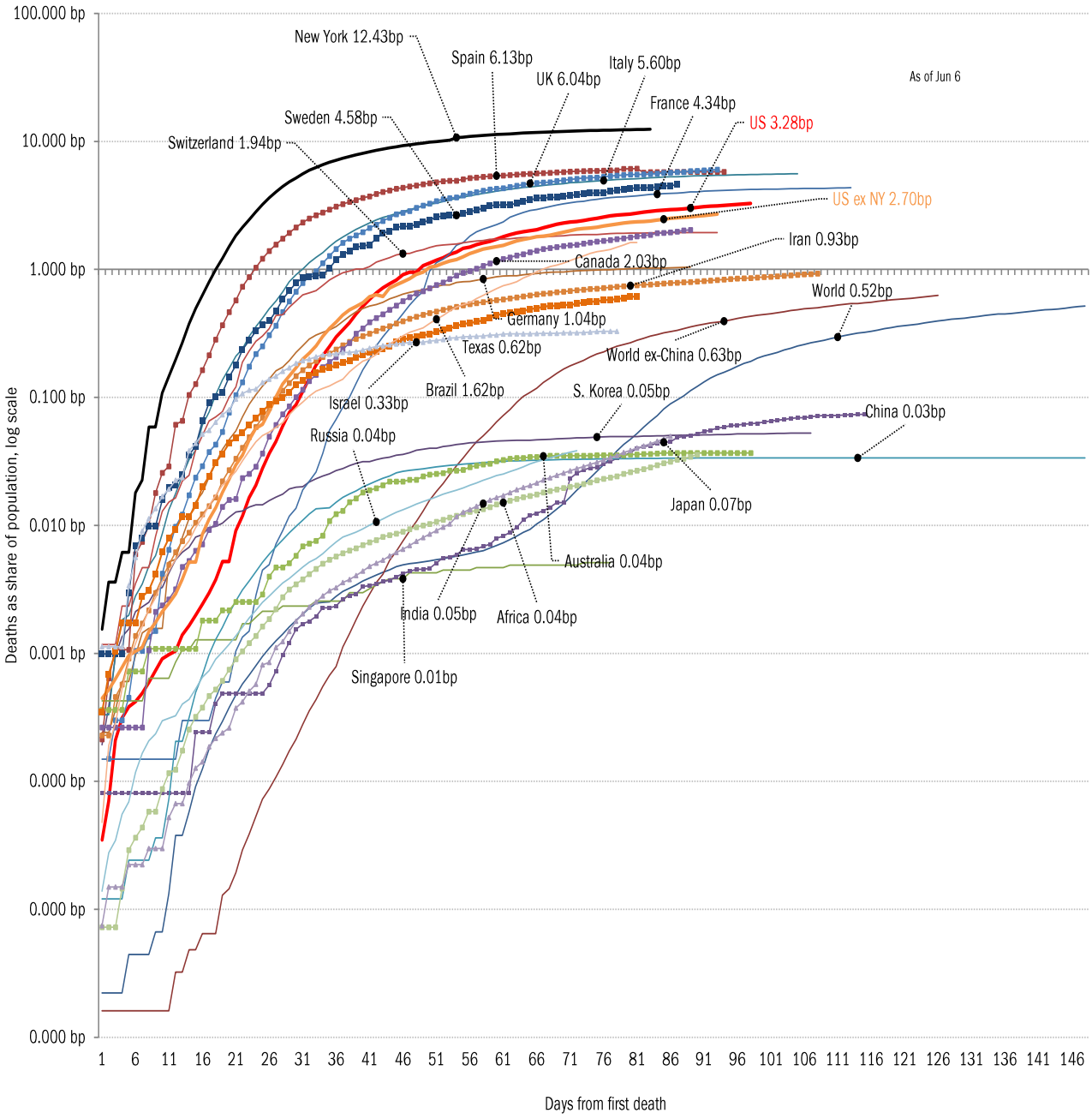
*Share of infected population from first day with 100 confirmed cases, log scale*




Source: ECDC, TrendMacro calculations

## The coronavirus mortality accelerometer … tracking the world's fatality curves

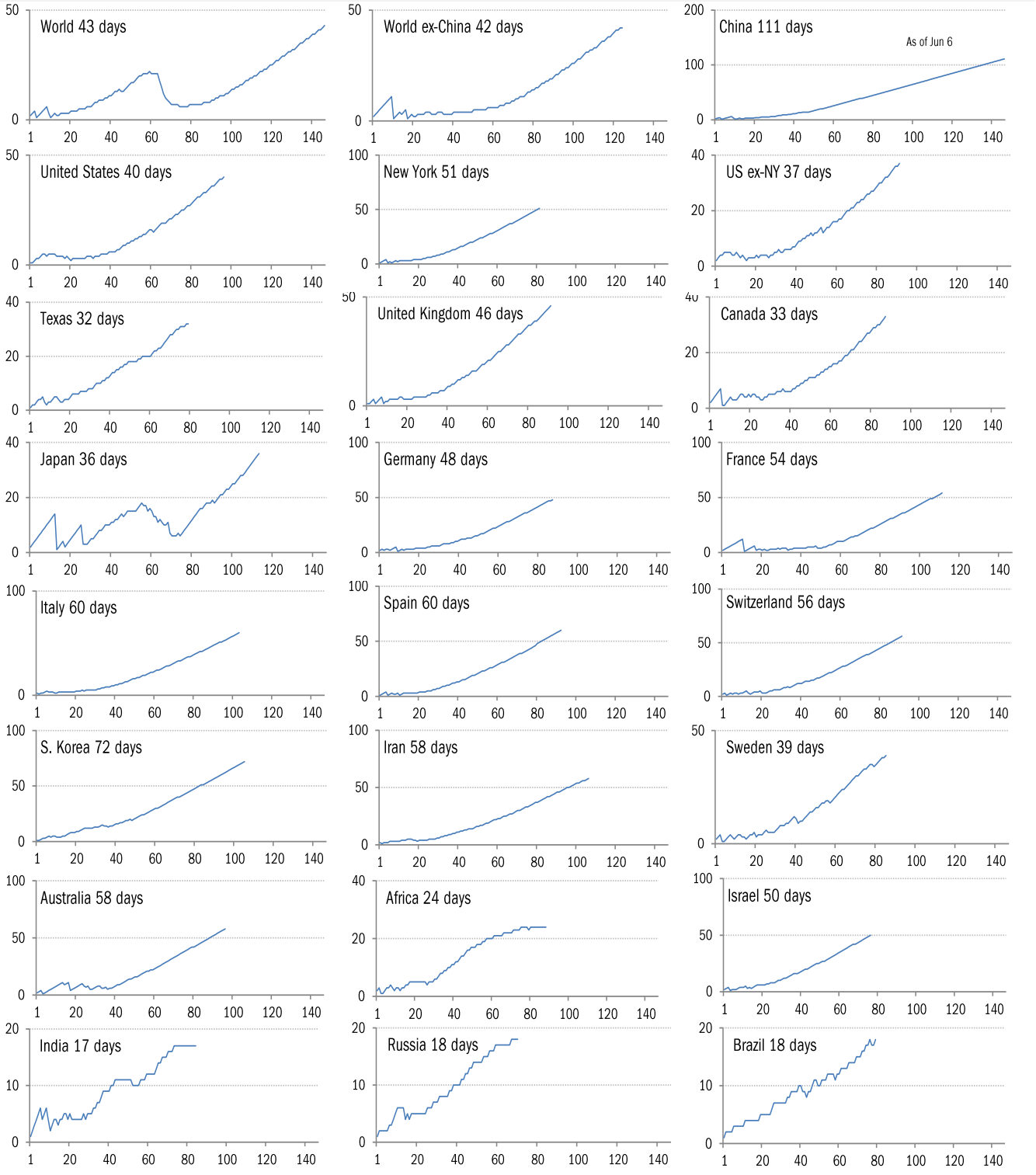
*Share of deceased population from day of first fatality*




Source: ECDC, TrendMacro calculations

## Our most reliable evidence of slowing exponential growth of Covid-2019

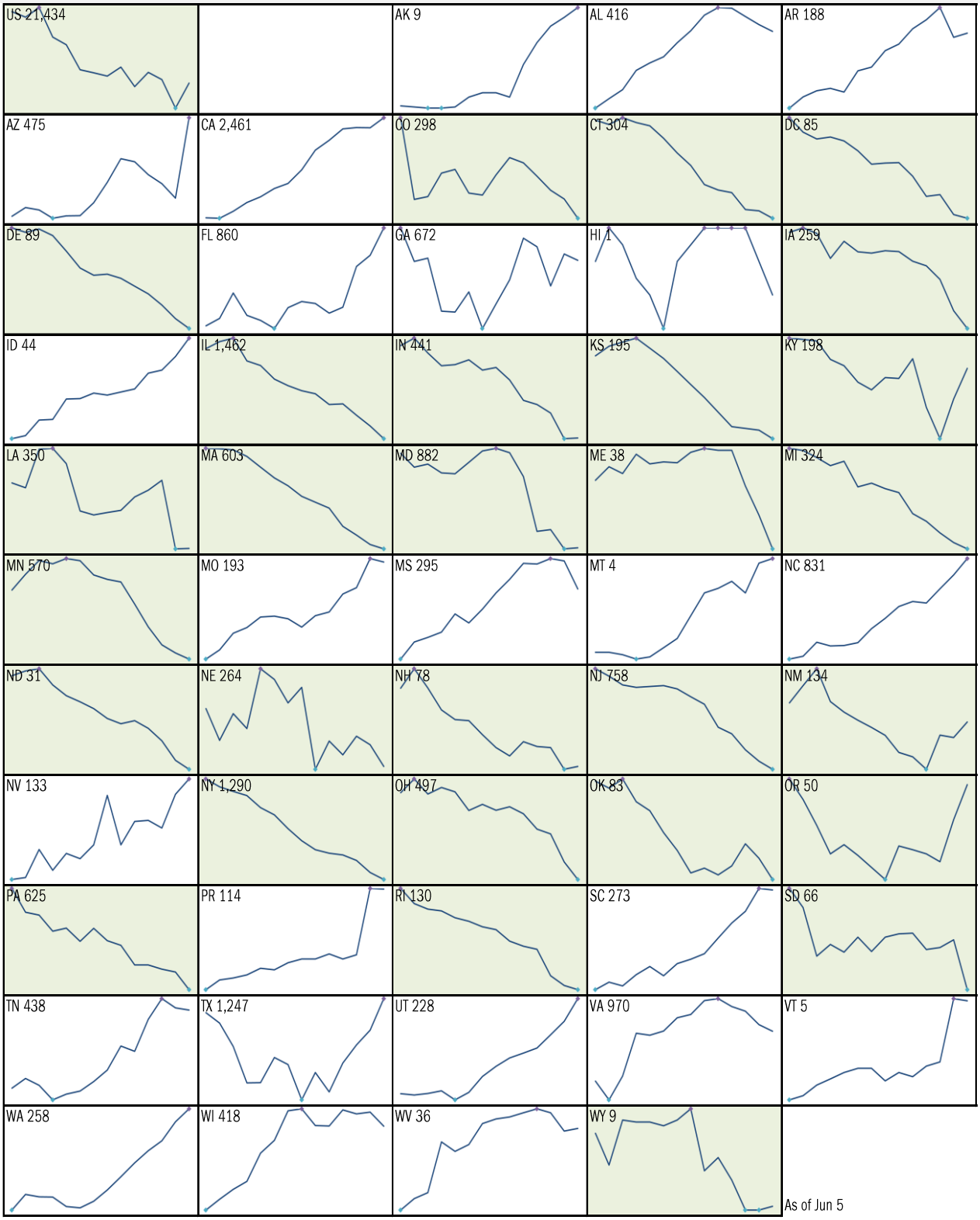
*Vertical: number of days it takes to double deaths  Horizontal: days from first death*




Source: ECDC, TrendMacro calculations

Requirement to Open Up America Again: 14-day "downward trajectory" in new cases

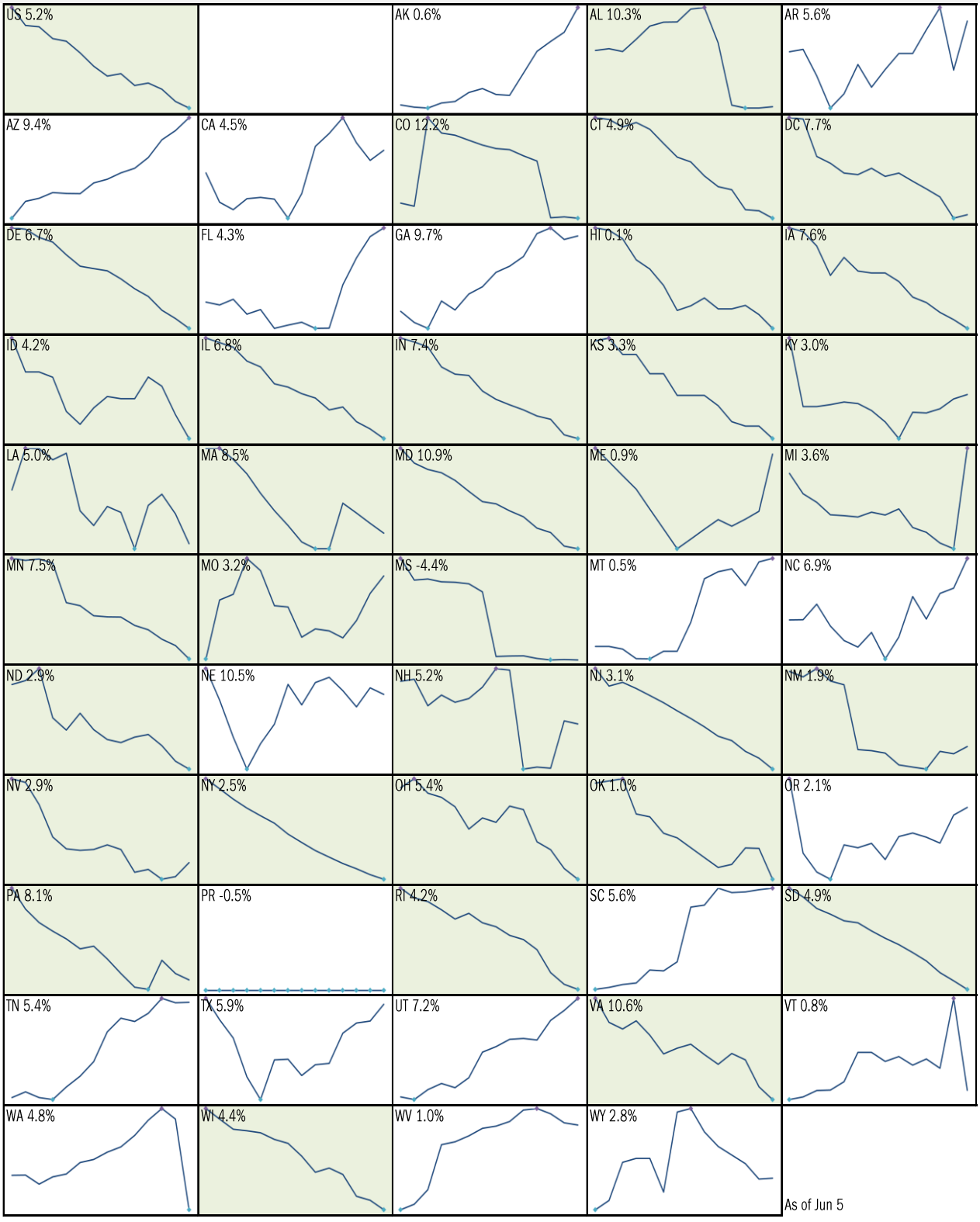
*14-day moving average, last 14 days  Most recent value displayed* • High • Low




Source: Covid Tracking Project, TrendMacro calculations

Alt requirement to [Open Up America Again](): 14-day "downward trajectory" in pos tests

*14-day moving average, last 14 days* *Most recent value displayed* • High • Low

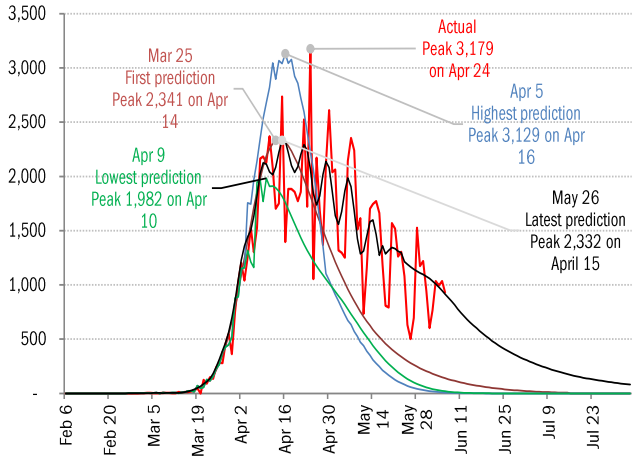



Source: [Covid Tracking Project](), TrendMacro calculations

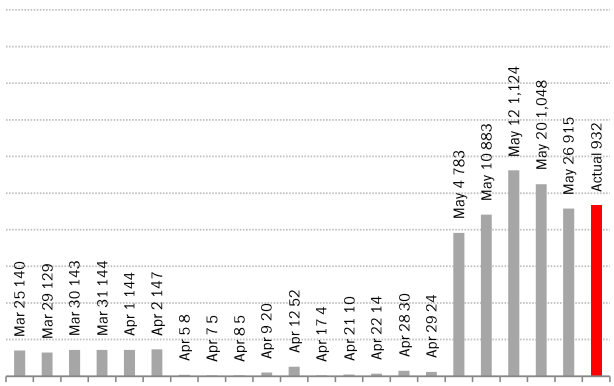
# Reality-checking the models: actuals versus IHME predictions

**New daily fatalities** As of Jun 6

Actual versus first, highest and latest model mean predictions

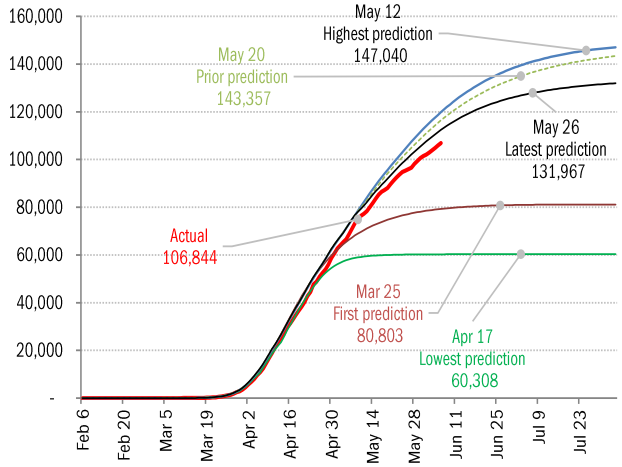



For this day, versus all model mean predictions

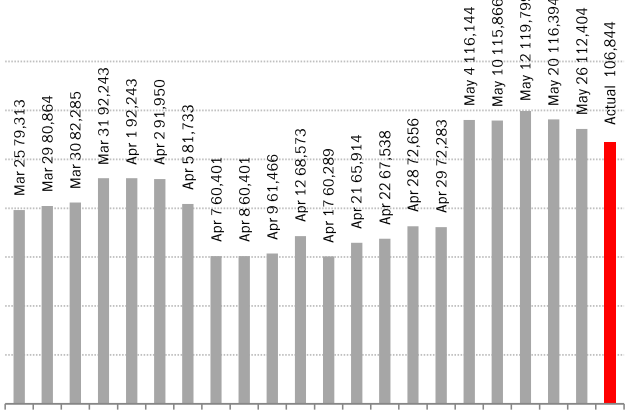



**Cumulative fatalities**

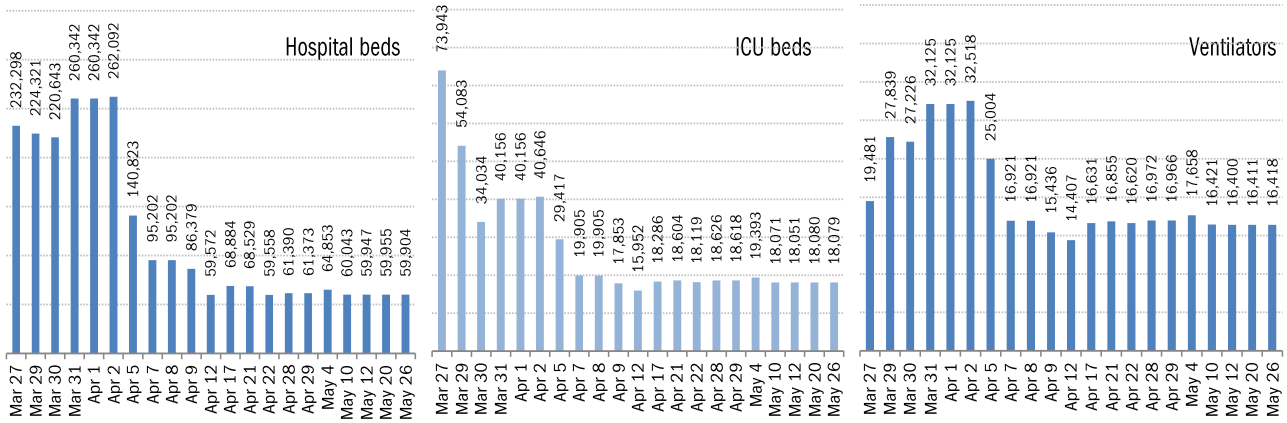
Actual versus first, highest and latest model mean predictions




For this day, versus all model mean predictions

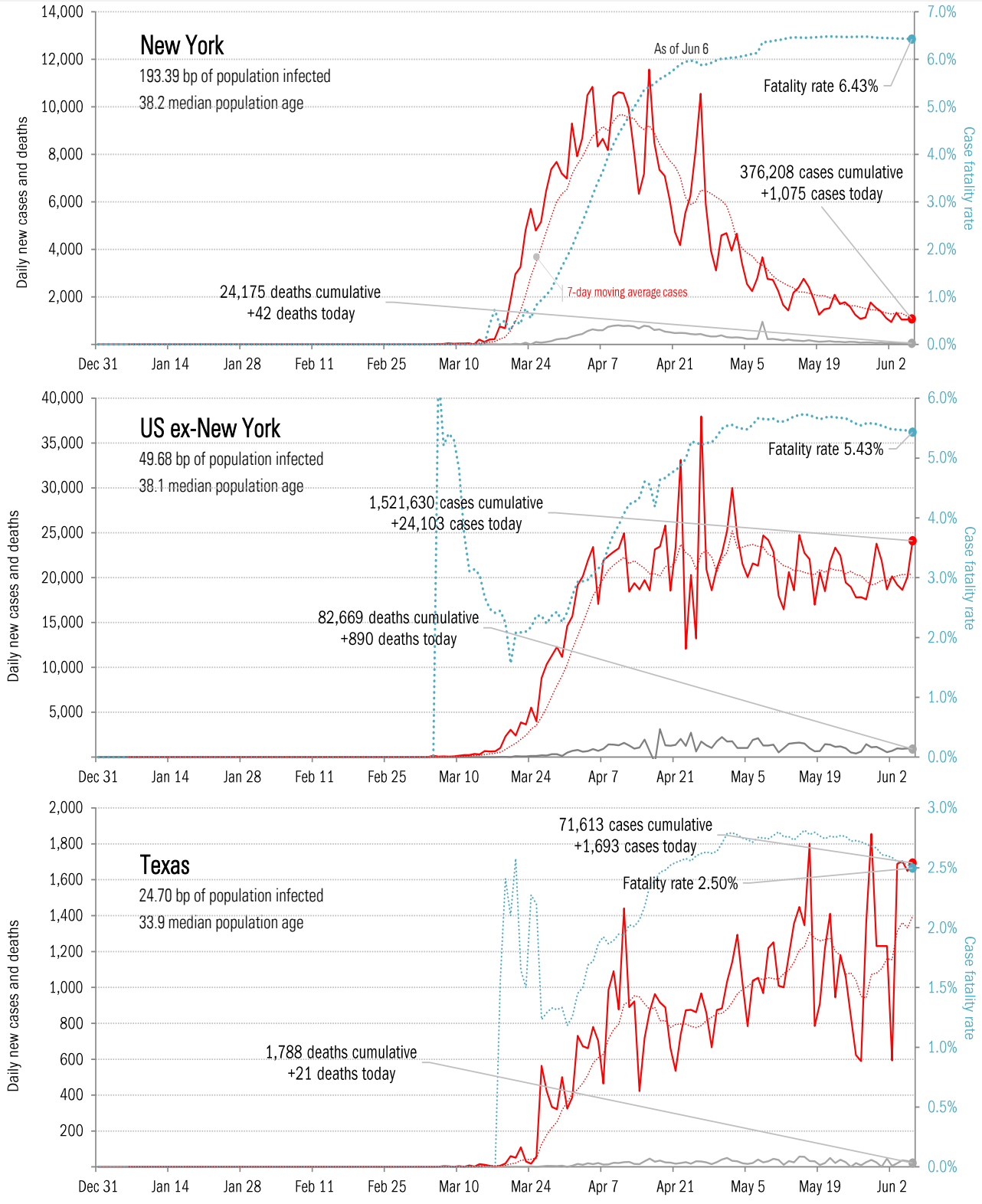



**Healthcare system stress, peak estimated at each model revision**



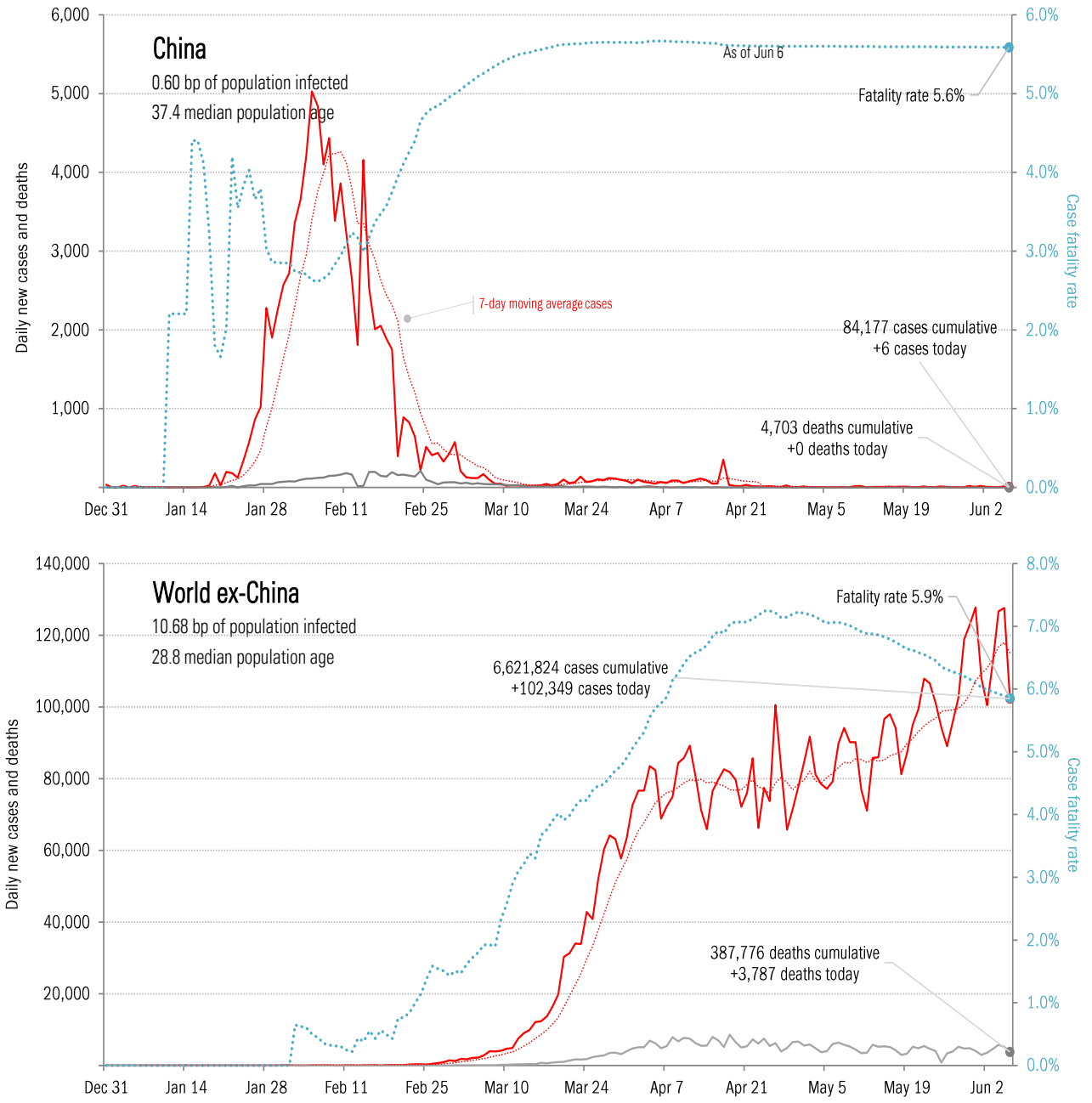

Source: ECDC, IHME, TrendMacro calculations

# From Ground Zero to the Rio Grande



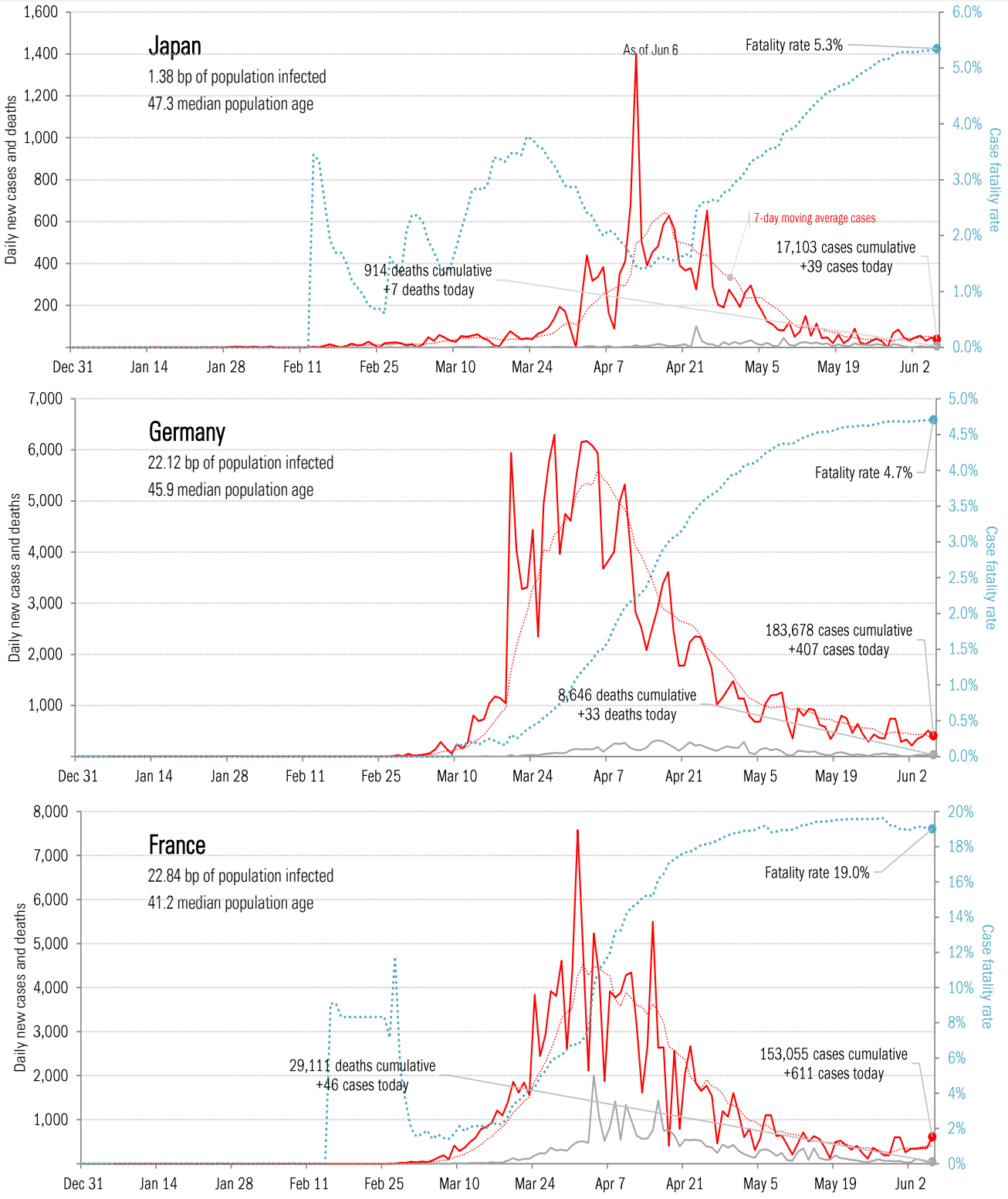

Source: ECDC, TrendMacro calculations

## Patient zero… and then everyone else



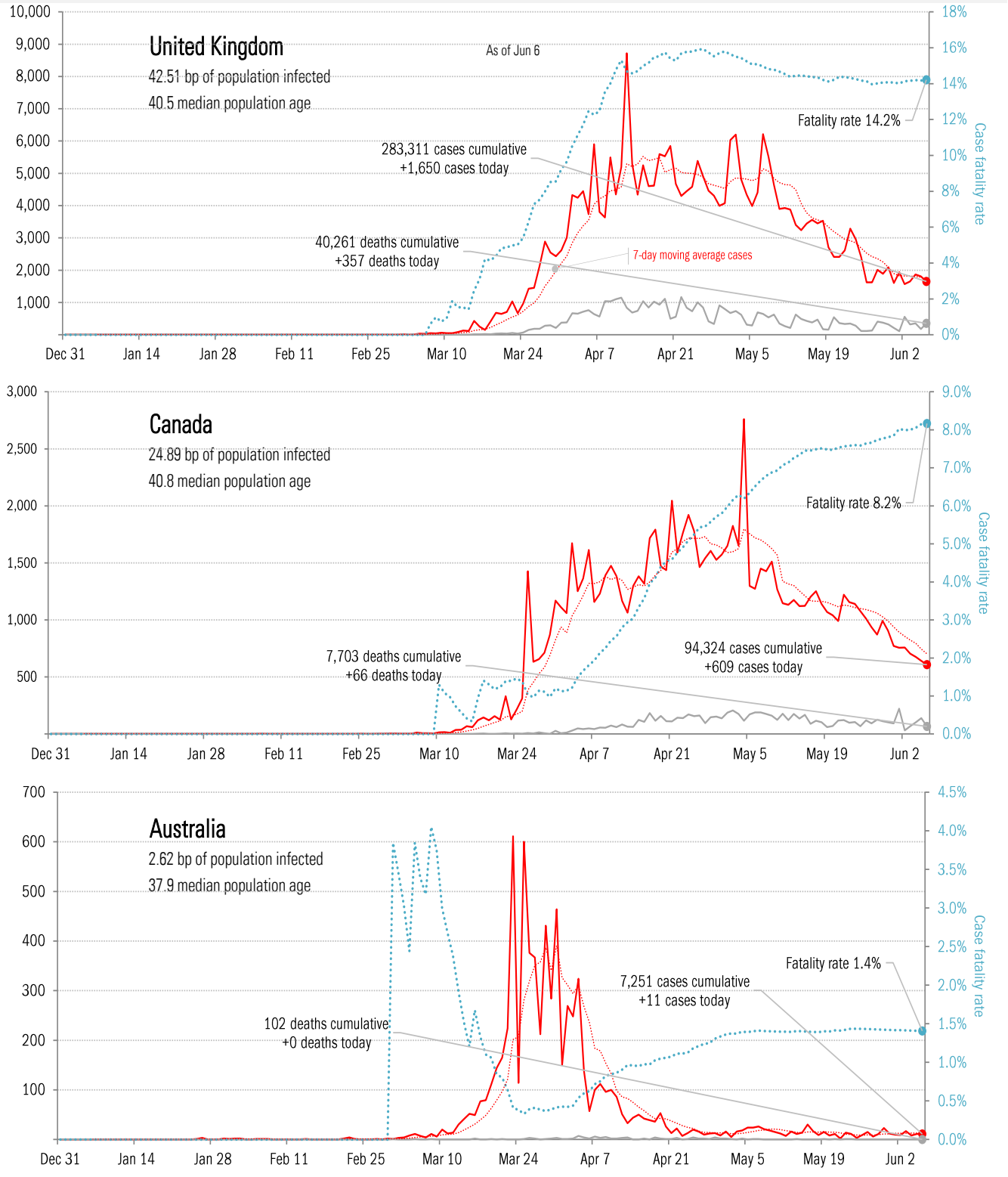

Source: ECDC, TrendMacro calculations

## Impact in the largest economies



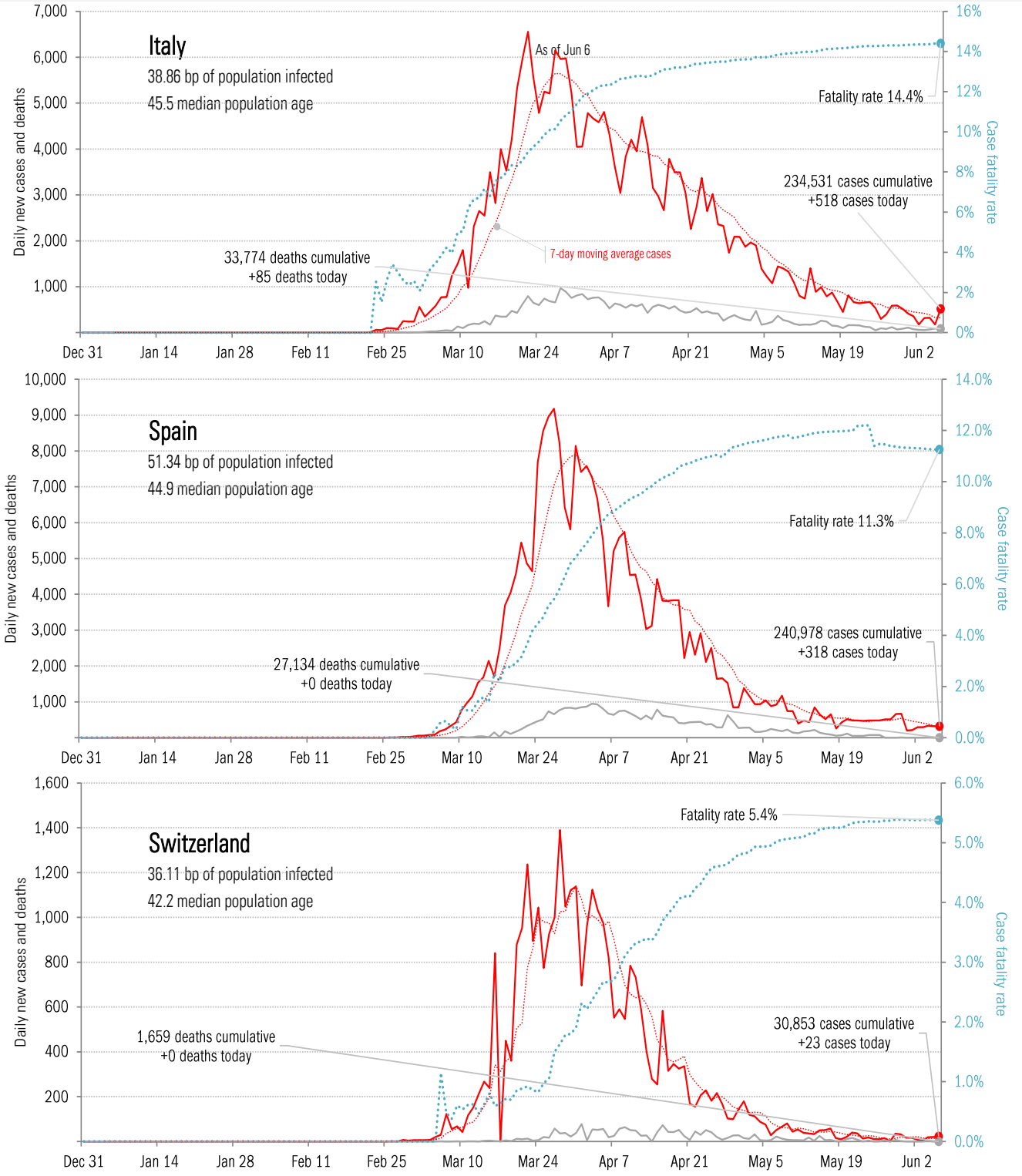

Source: ECDC, TrendMacro calculations

## Impact in The Anglosphere



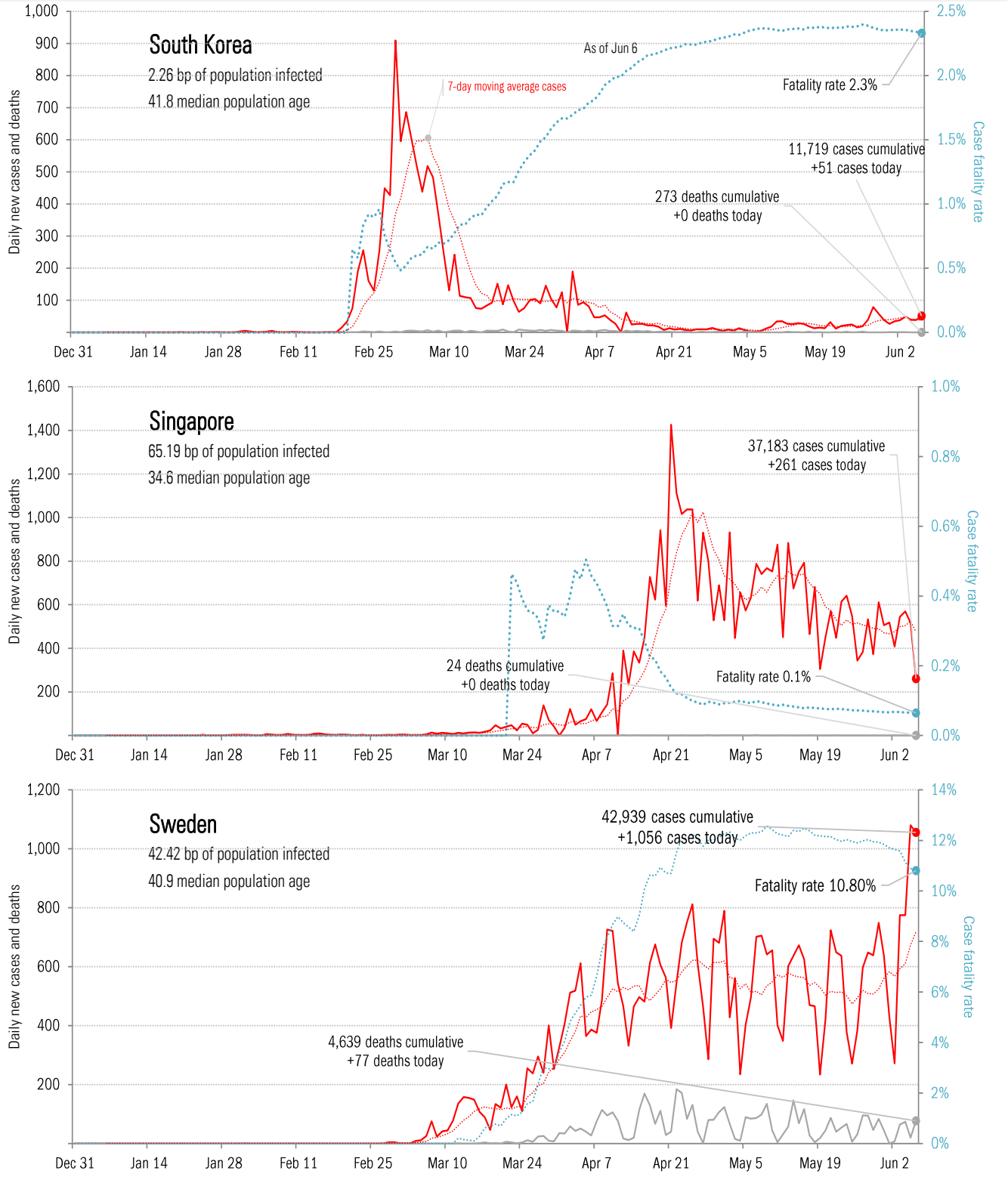

Source: ECDC, TrendMacro calculations

# Impact in continental Europe



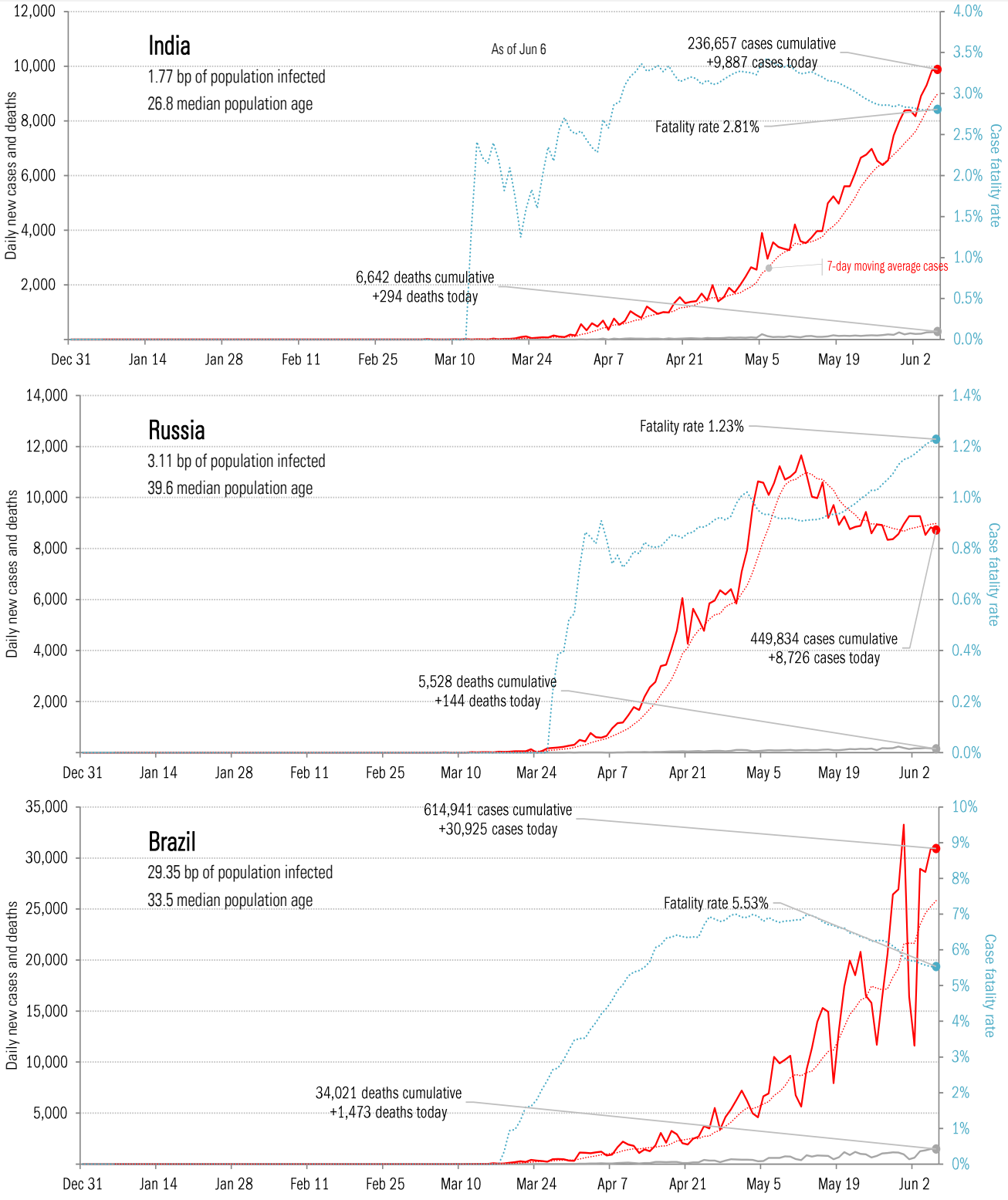

Source: ECDC, TrendMacro calculations

## Impact in other hot-spots



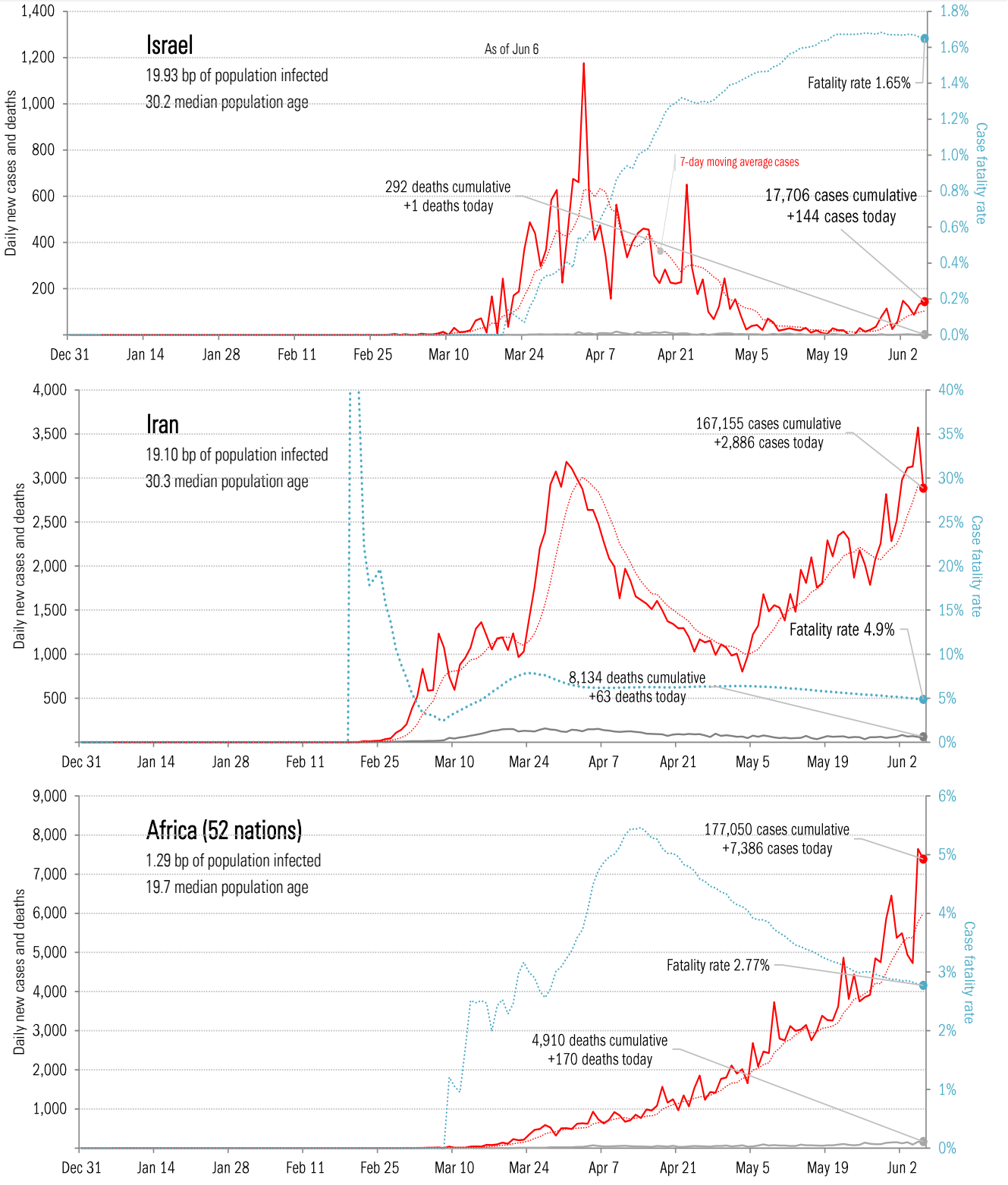

Source: ECDC, TrendMacro calculations

## Impact in the BRICs ex-China




Source: ECDC, TrendMacro calculations

## Impact in the Middle East and Africa




Source: ECDC, TrendMacro calculations