Trend Macrolytics, LLC
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Thomas Demas, Managing Director
Michael Warren, Energy Strategist

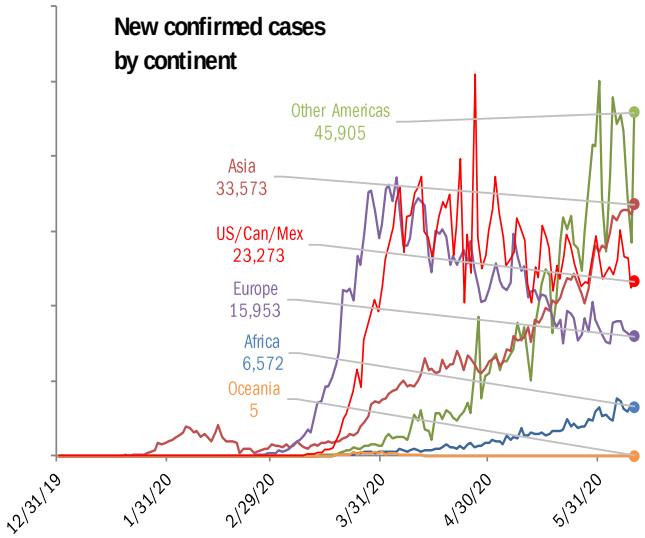
# Data Insights: Covid-2019 Monitor

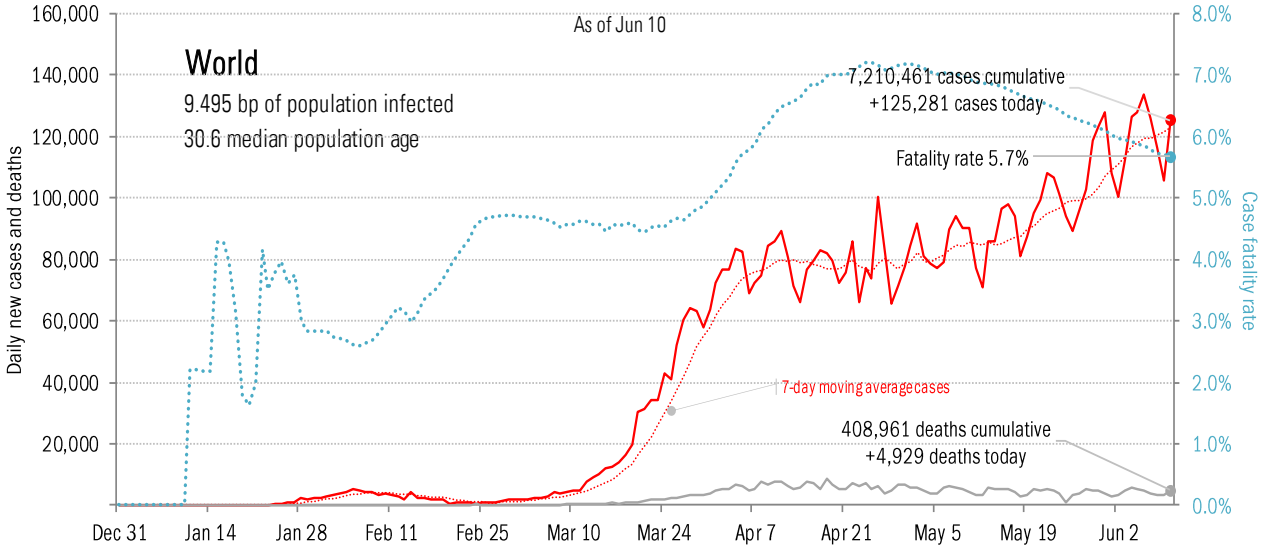
Wednesday, June 10, 2020

## The global scorecard

**The worst ten countries**

| New cases | | New Deaths | |
|---|---|---|---|
| Brazil | +32,091 | Brazil | +1,272 |
| US | +18,665 | US | +999 |
| India | +9,985 | Mexico | +596 |
| Russia | +8,595 | UK | +286 |
| Pakistan | +5,385 | India | +279 |
| Mexico | +4,199 | Russia | +170 |
| Peru | +4,040 | Peru | +167 |
| Chile | +3,913 | France | +87 |
| Saudi | +3,288 | Pakistan | +83 |
| Bangladesh | +3,171 | South_Africa | +82 |
| | +93,332 | | +4,021 |
| World | +125,281 | World | +4,929 |
| Top ten | 74% | Top ten | 82% |




Source: ECDC, TrendMacro calculations

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

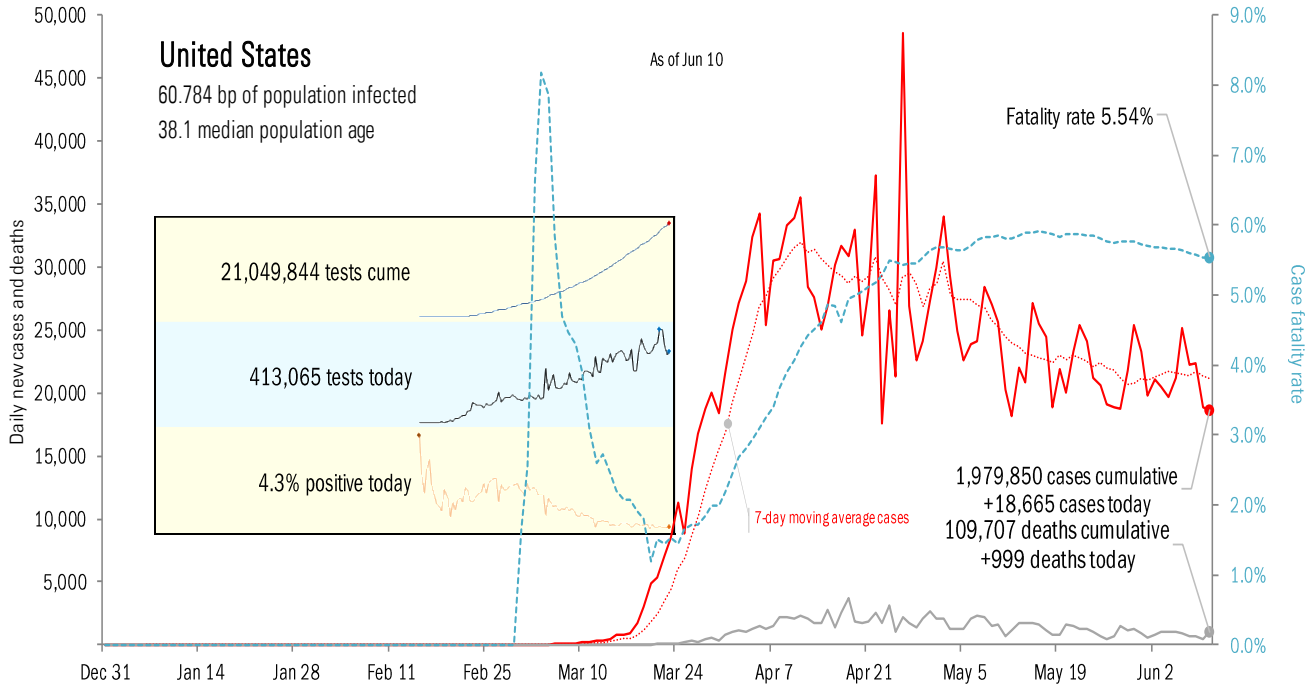
National and state-by-state data do not line up because of different sources

**The ten worst US states**

| New cases | | New Deaths | | New in hospital | | Cume cases | | Cume deaths | | Cume in hospital | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CA | +2,170 | IL | +94 | CO | +374 | NY | 379,482 | NY | 24,348 | NY | 89,995 |
| TX | +1,637 | NJ | +89 | FL | +178 | NJ | 164,796 | NJ | 12,303 | NJ | 18,069 |
| FL | +1,096 | GA | +77 | GA | +126 | CA | 133,489 | MA | 7,408 | FL | 11,460 |
| IL | +797 | PA | +61 | VA | +116 | IL | 129,936 | IL | 6,196 | MA | 10,507 |
| GA | +752 | MA | +55 | SC | +84 | MA | 103,889 | PA | 6,014 | MD | 9,676 |
| NY | +683 | FL | +53 | MA | +82 | TX | 77,253 | MI | 5,943 | CT | 9,669 |
| NC | +676 | NY | +49 | OH | +70 | PA | 77,056 | CA | 4,697 | GA | 8,872 |
| TN | +631 | MI | +48 | MD | +47 | FL | 66,000 | CT | 4,097 | VA | 7,846 |
| AZ | +618 | CA | +44 | IN | +46 | MI | 64,998 | LA | 2,957 | OH | 6,620 |
| MI | +585 | MD | +35 | WI | +44 | MD | 58,904 | FL | 2,851 | IN | 6,225 |
| | +9,645 | | +605 | | +1,167 | | 1,255,803 | | 76,814 | | 178,939 |
| All states | +17,557 | All states | +941 | All states | +1,508 | All states | 1,970,596 | All states | 105,981 | All states | 219,089 |
| Top ten | 55% | Top ten | 64% | Top ten | 77% | Top ten | 64% | Top ten | 72% | Top ten | 82% |

**Five most improved US states**

| Fewer daily cases | | Fewer new deaths | | Fewer new hospitalizations | | Most recoveries | |
|---|---|---|---|---|---|---|---|
| IL | -585 | IL | -104 | MD | -36 | TX | +1,382 |
| MS | -498 | MS | -20 | RI | -24 | IN | +597 |
| CA | -337 | RI | -18 | KS | -19 | SC | +581 |
| NC | -262 | AL | -15 | NM | -19 | MN | +564 |
| KS | -257 | OH | -10 | OR | -16 | AR | +451 |




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

## Recommended reading

[The PPP, despite messy rollout, appears to have success saving small businesses]
Tory Newmyer
*Washington Post*
June 10, 2020

[Behind China's Twitter Campaign, a Murky Supporting Chorus]
Raymond Zhong, Aaron Krolik, Paul Mozur, Ronen Bergman and Edward Wong
*New York Times*
June 8, 2020

[Are asymptomatic people spreading the coronavirus? A WHO official's words spark confusion, debate]
William Wan and Miriam Berger
*Washington Post*
June 9, 2020

[When Astrologers Rule]
Reuven Brenner
*Law & Liberty*
June 9, 2020

[Black Business Owners' Ranks Collapse by 41% in U.S. Lockdowns]
Michael Sasso
*Bloomberg*
June 8, 2020

[Whistleblowers: Gov. Murphy rarely consults with health officials on COVID-19 crisis]
*News12 New Jersey*
June 2, 2020

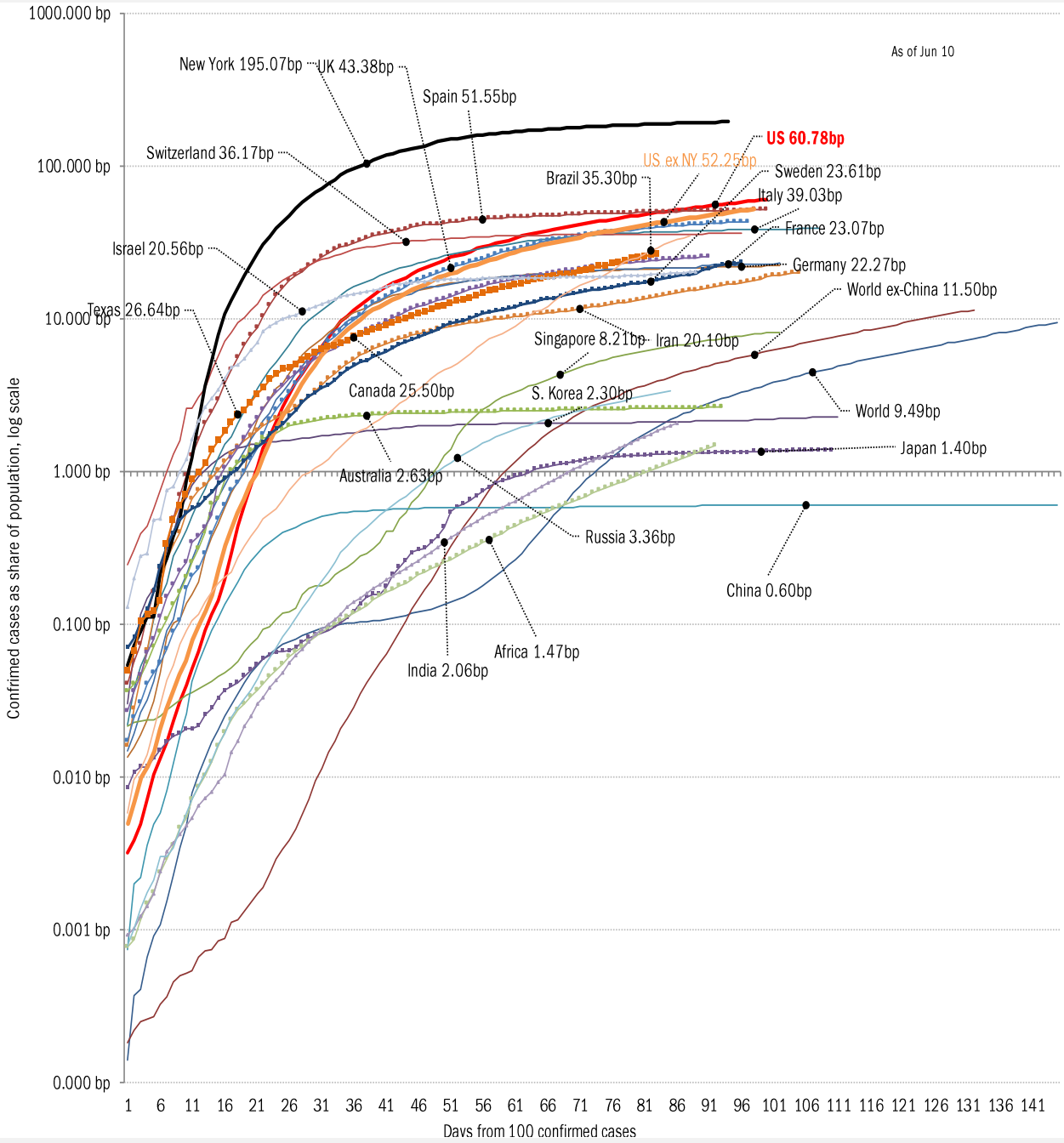
[Coronavirus: Dementia deaths up during pandemic]
Rachel Schraer
*BBC*
June 5, 2020

## 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

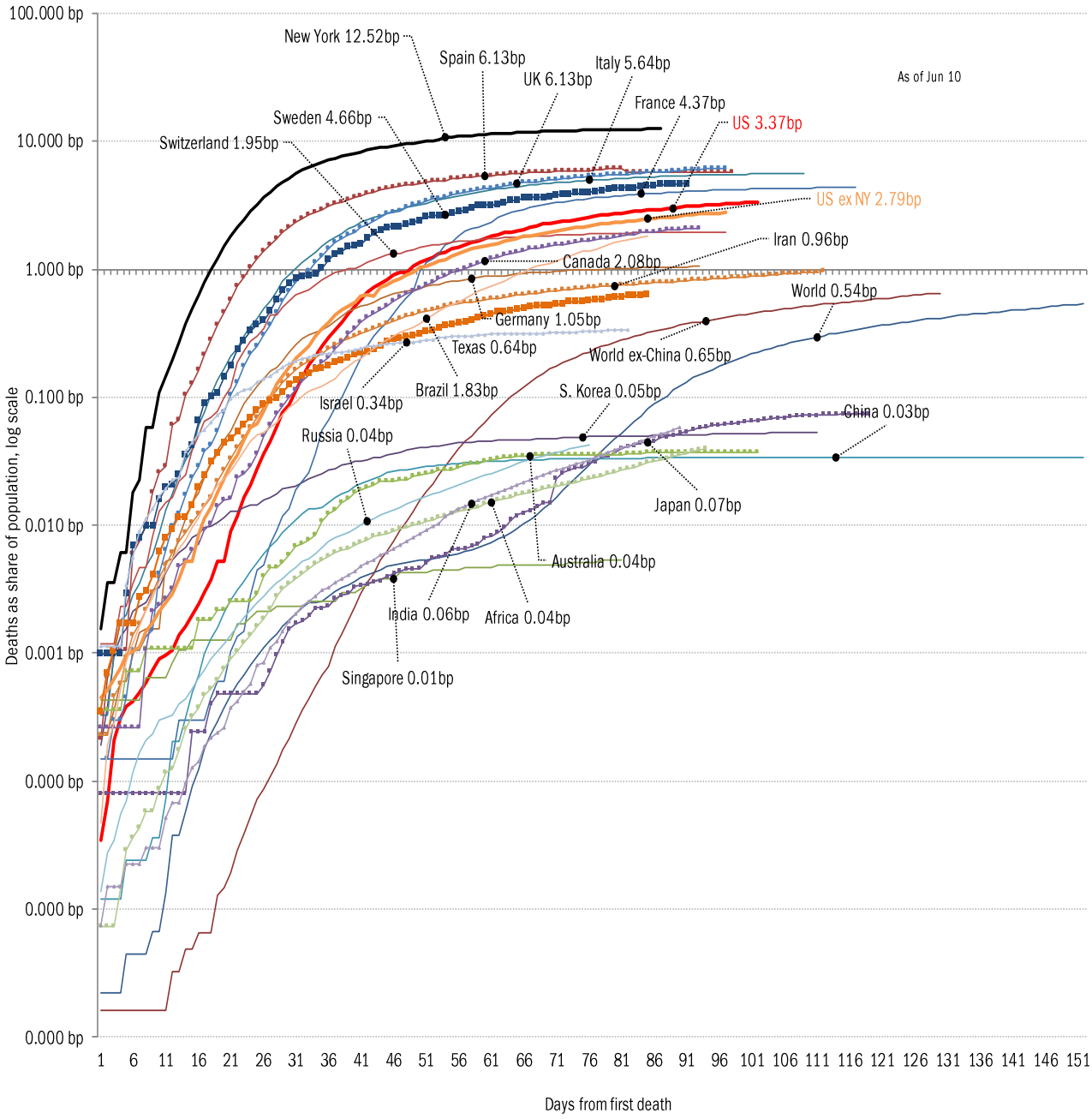
*Share of infected population from first day with 100 confirmed cases, log scale*




Source: ECDC, TrendMacro calculations

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

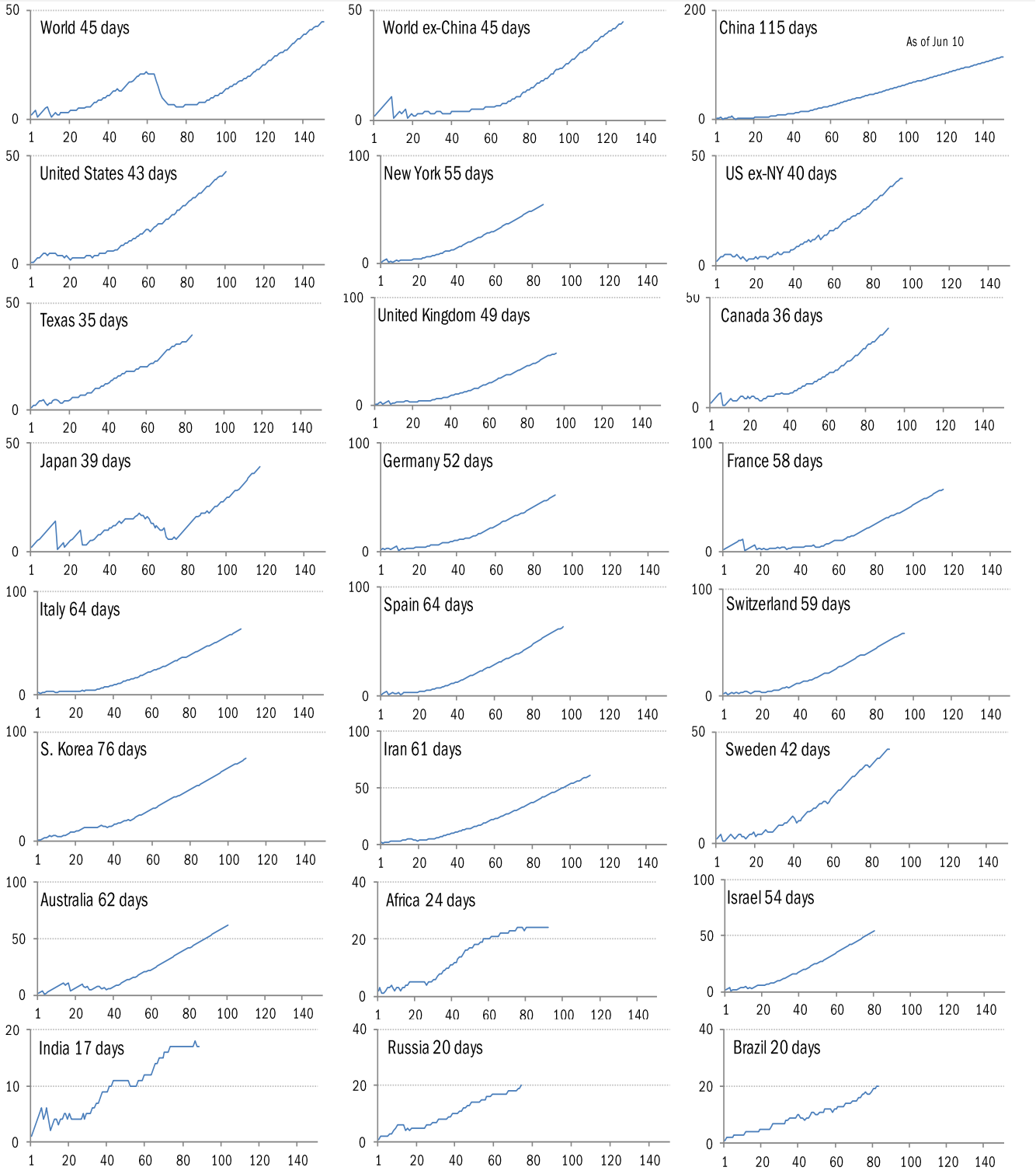
*Share of deceased population from day of first fatality*




Source: ECDC, TrendMacro calculations

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

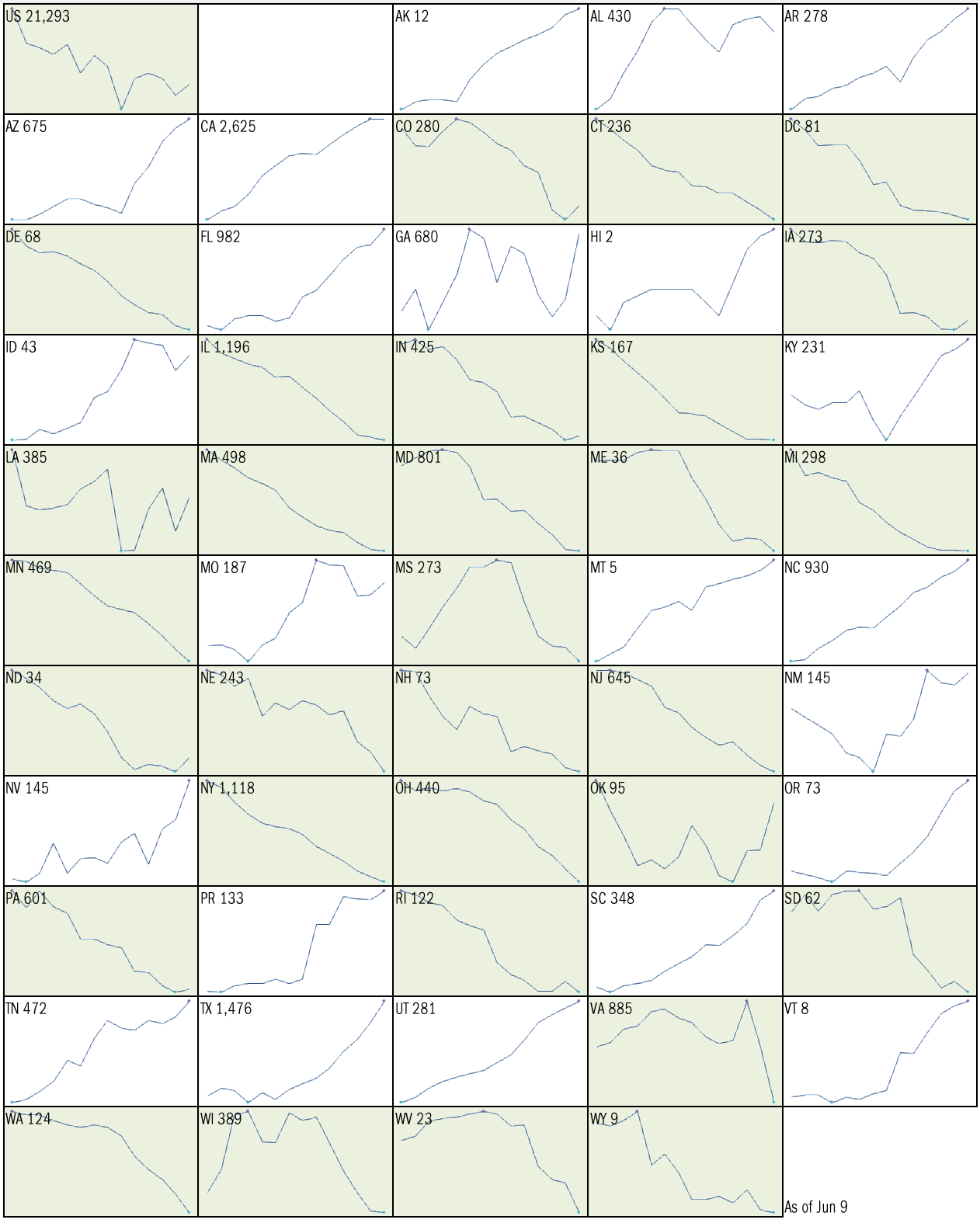
*Vertical: number of days it takes to double deaths  Horizontal: days from first death*




Source: ECDC, TrendMacro calculations

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

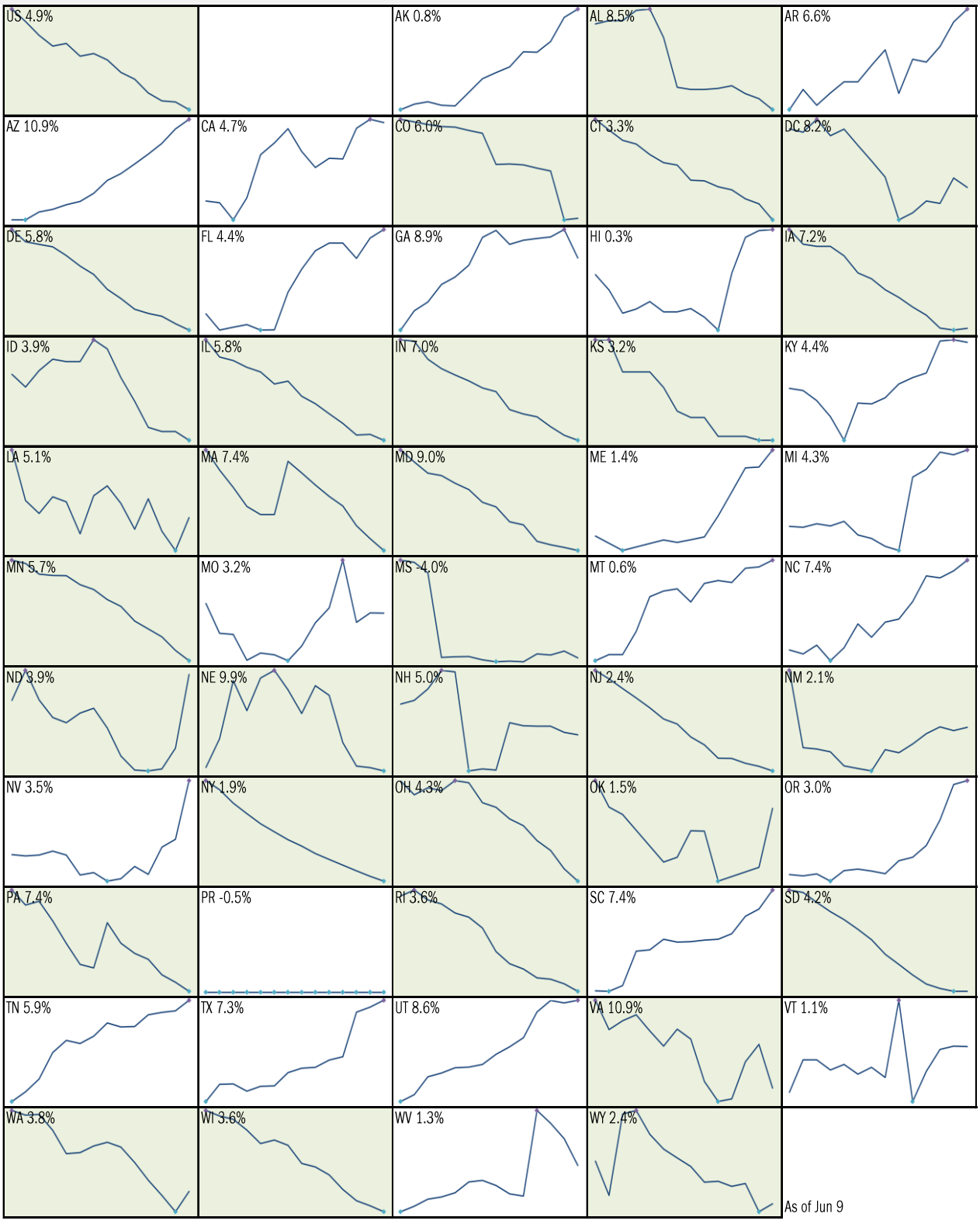
*14-day moving average, last 14 days  Most recent value displayed* • High • Low




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

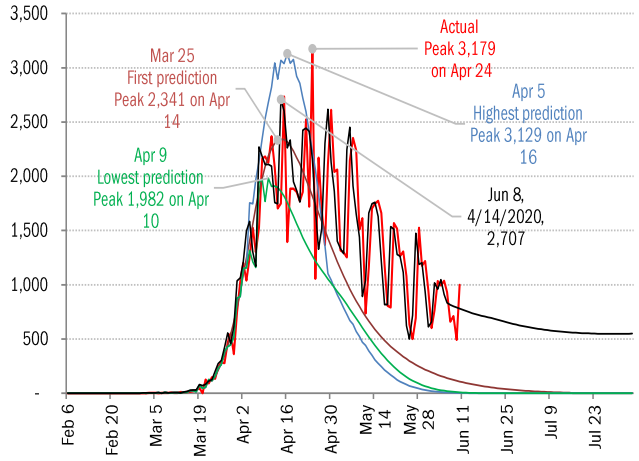



Source: Covid Tracking Project, TrendMacro calculations

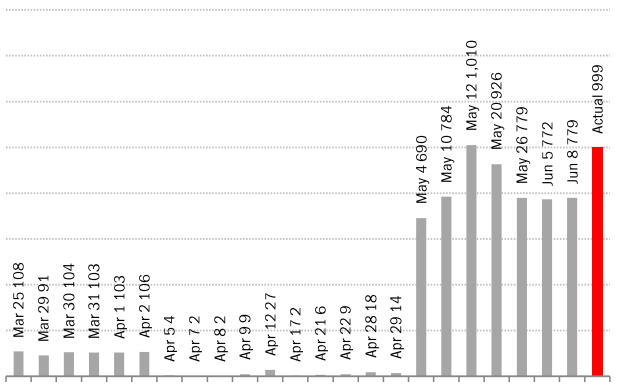
# Reality-checking the models: actuals *versus* IHME predictions

**New daily fatalities** — As of Jun 10

Actual versus first, highest and latest model mean predictions

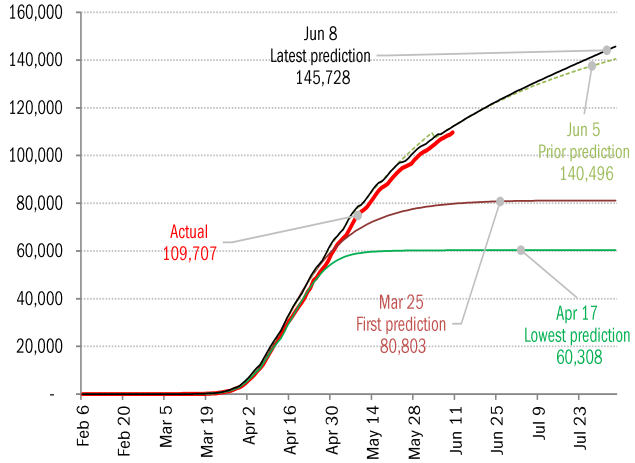



For this day, versus all model mean predictions

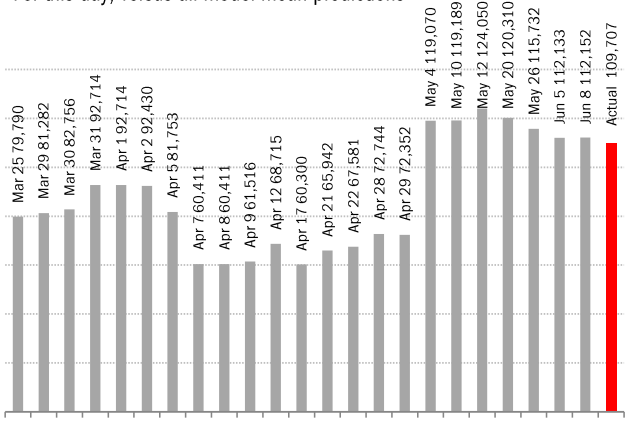



**Cumulative fatalities**

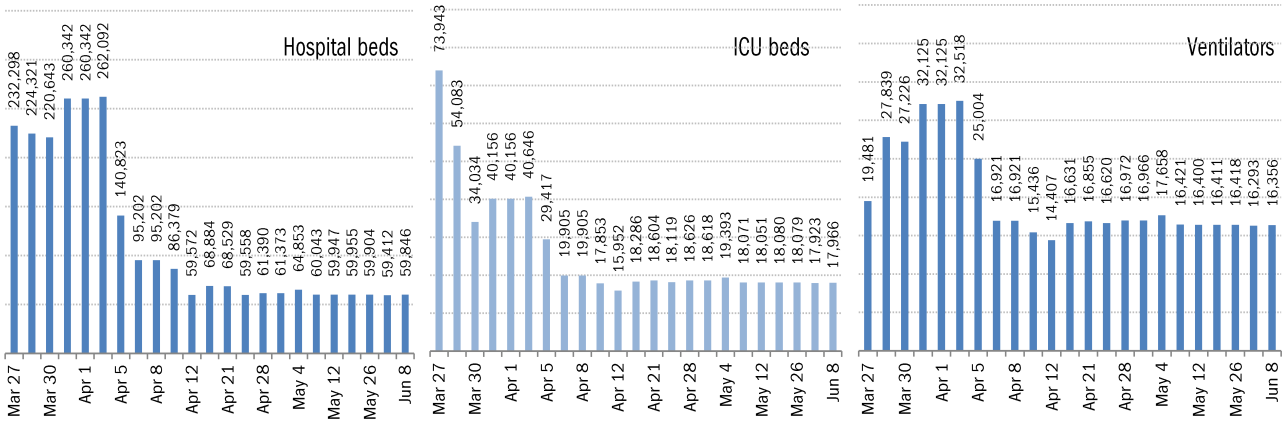
Actual versus first, highest and latest model mean predictions




For this day, versus all model mean predictions

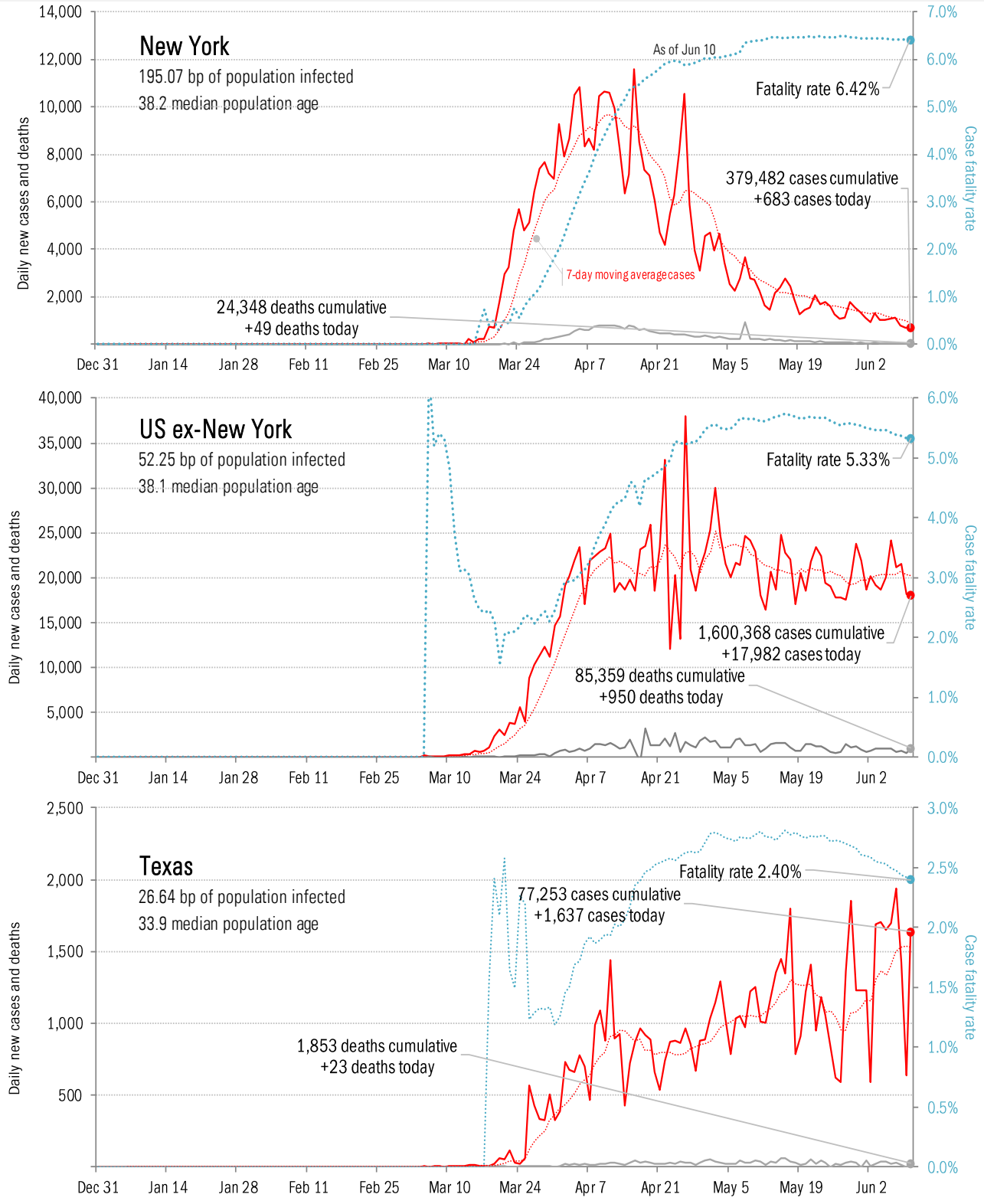



**Healthcare system stress, peak estimated at each model revision**



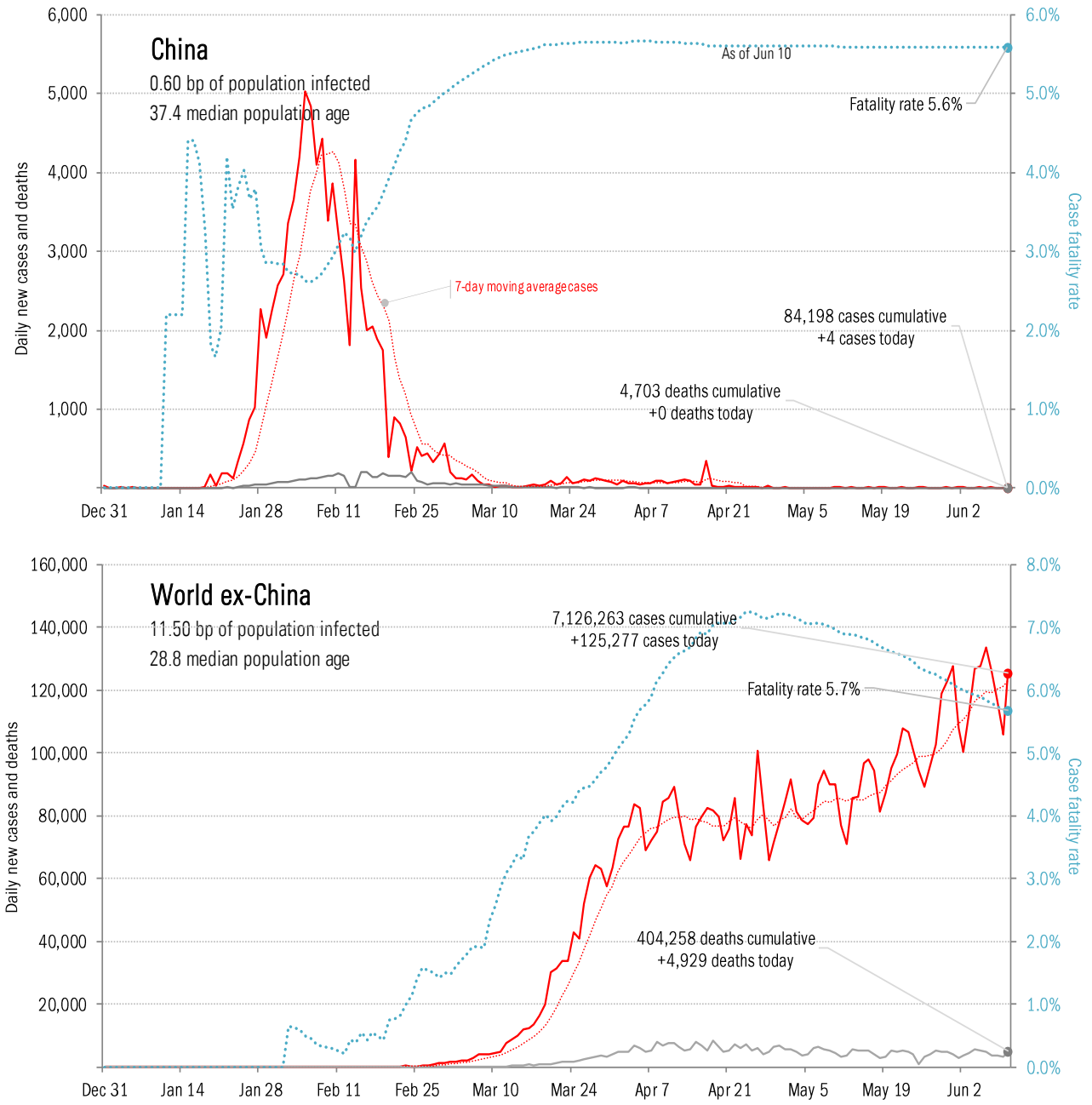

Source: ECDC, IHME, TrendMacro calculations

# From Ground Zero to the Rio Grande



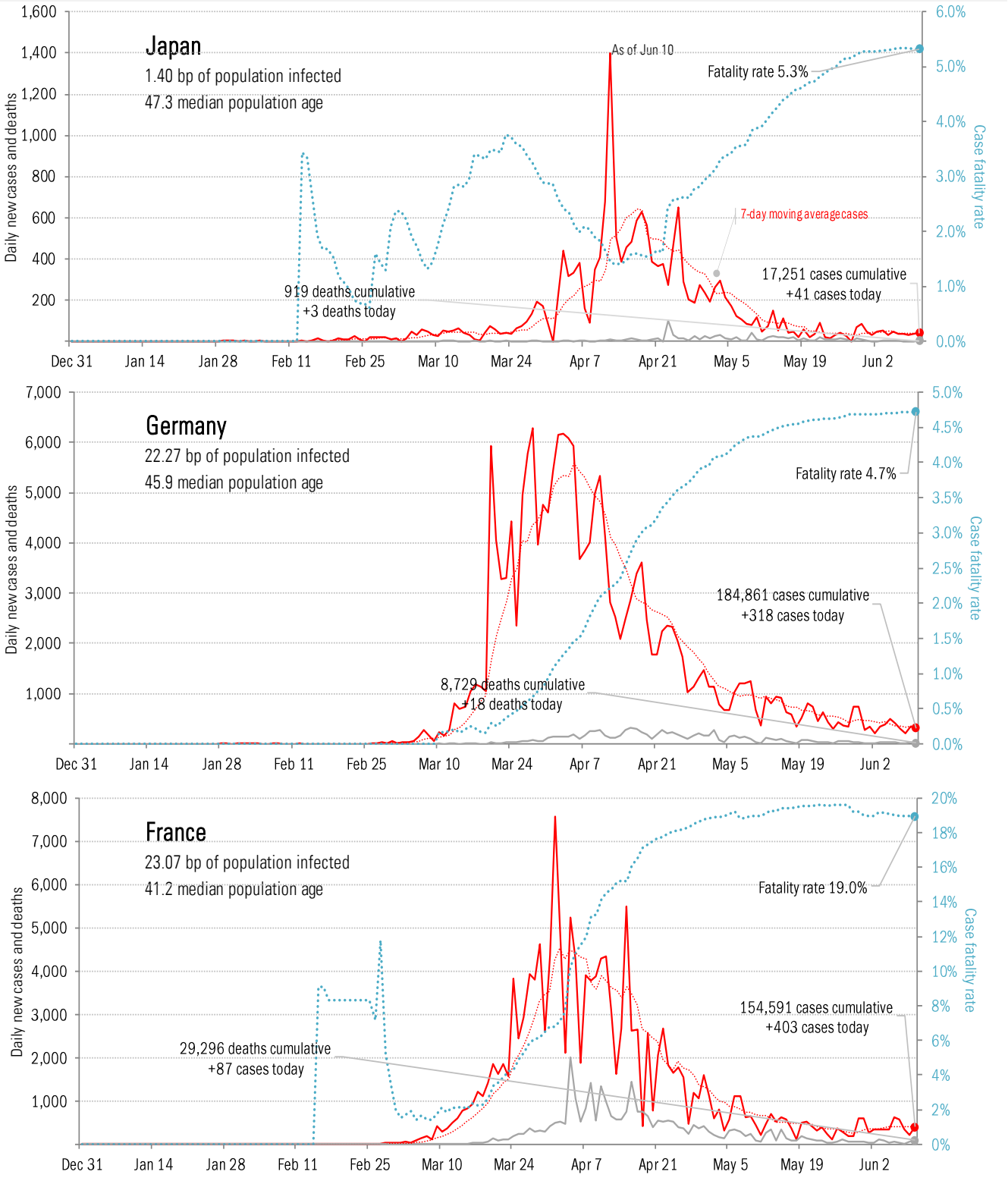

Source: ECDC, TrendMacro calculations

## Patient zero… and then everyone else



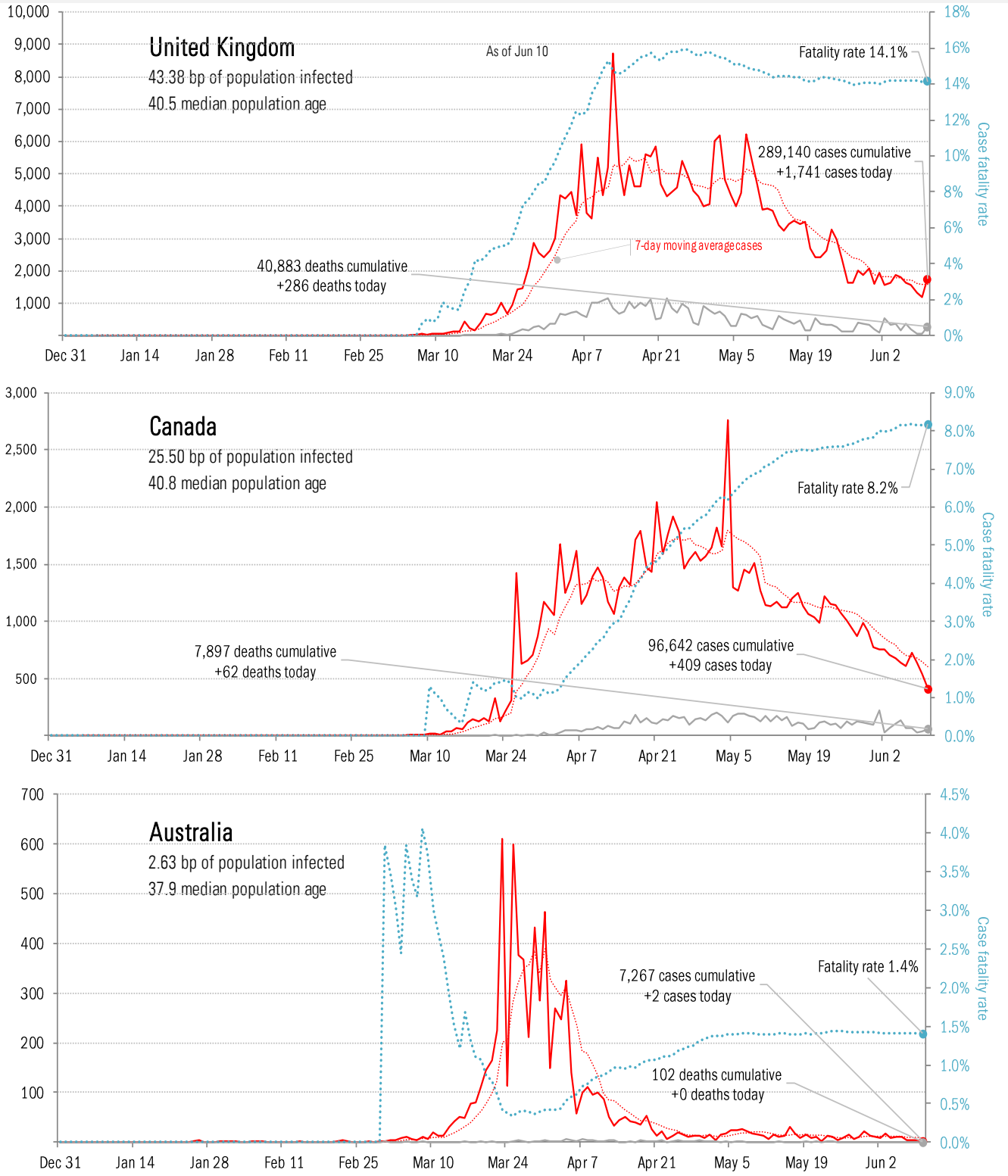

Source: ECDC, TrendMacro calculations

## Impact in the largest economies



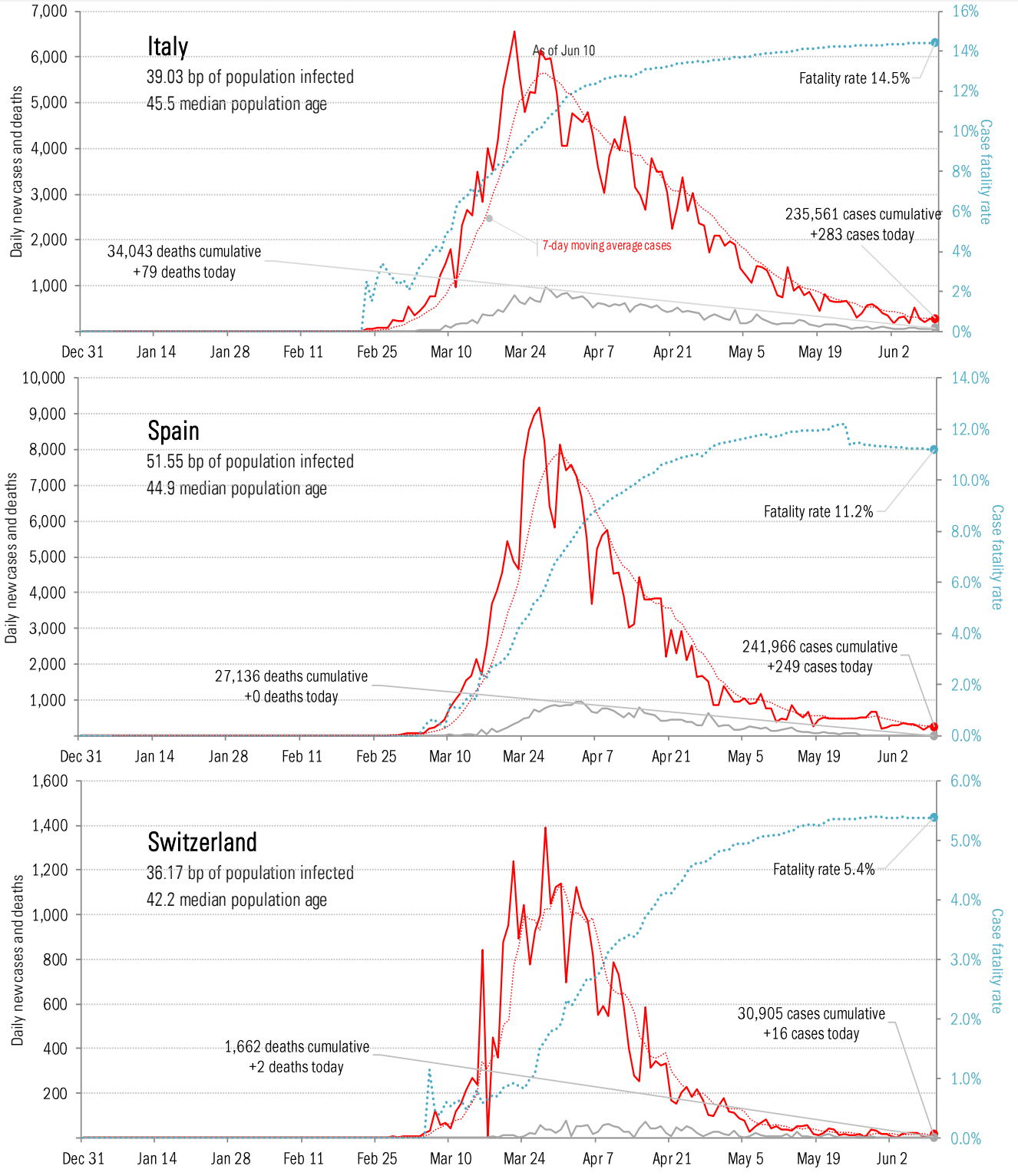

Source: ECDC, TrendMacro calculations

## Impact in The Anglosphere



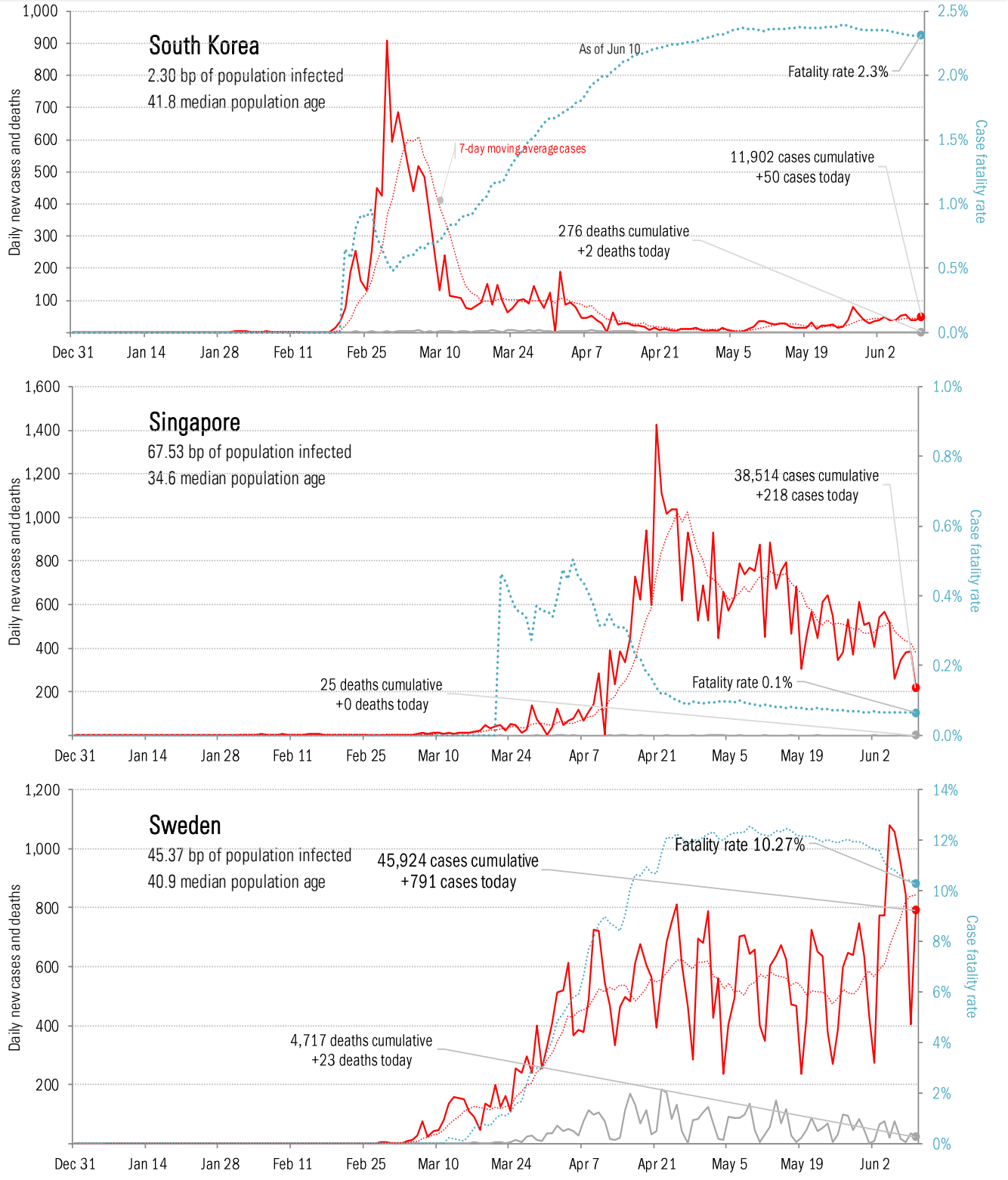

Source: ECDC, TrendMacro calculations

# Impact in continental Europe



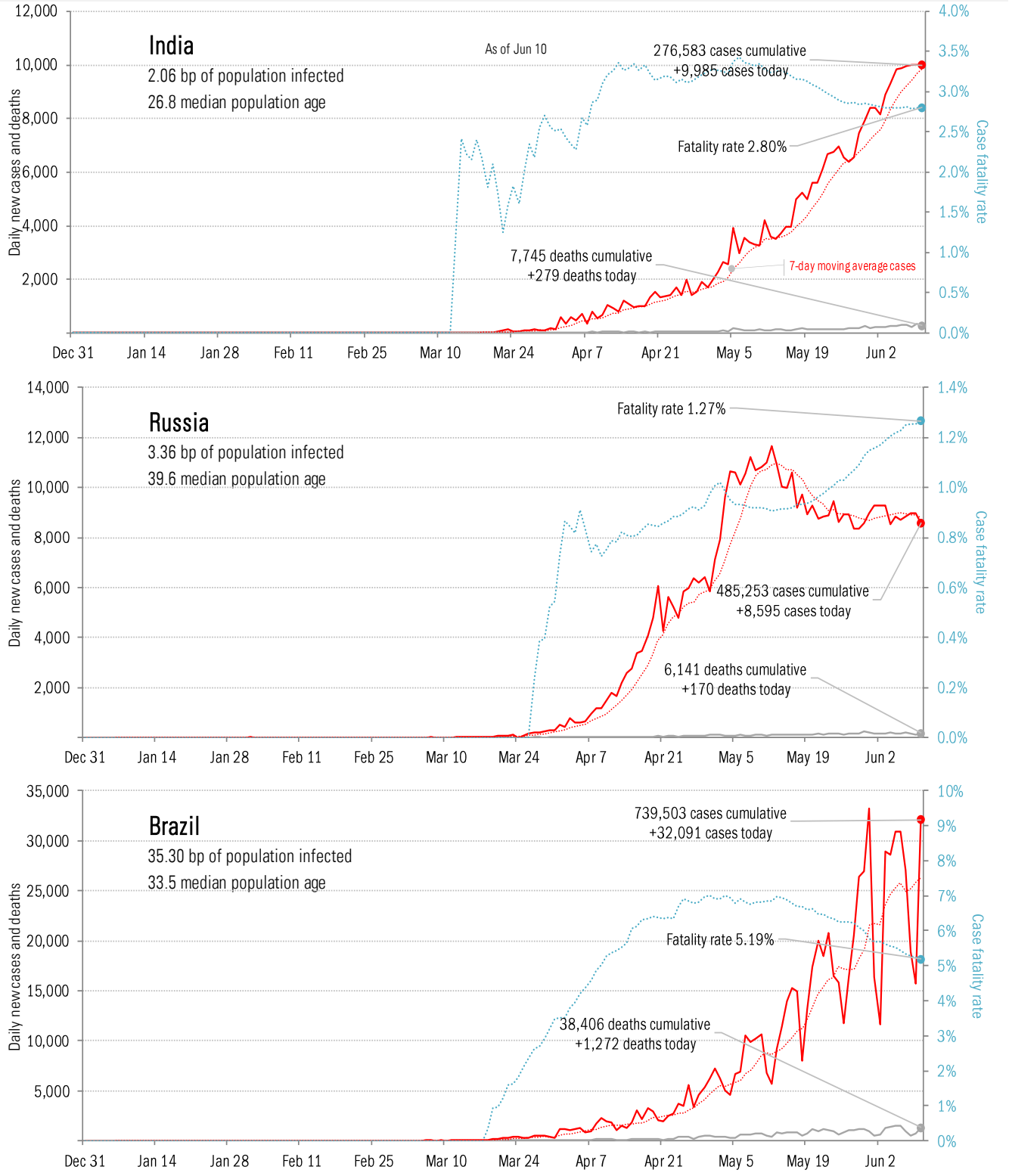

Source: ECDC, TrendMacro calculations

# Impact in other hot-spots



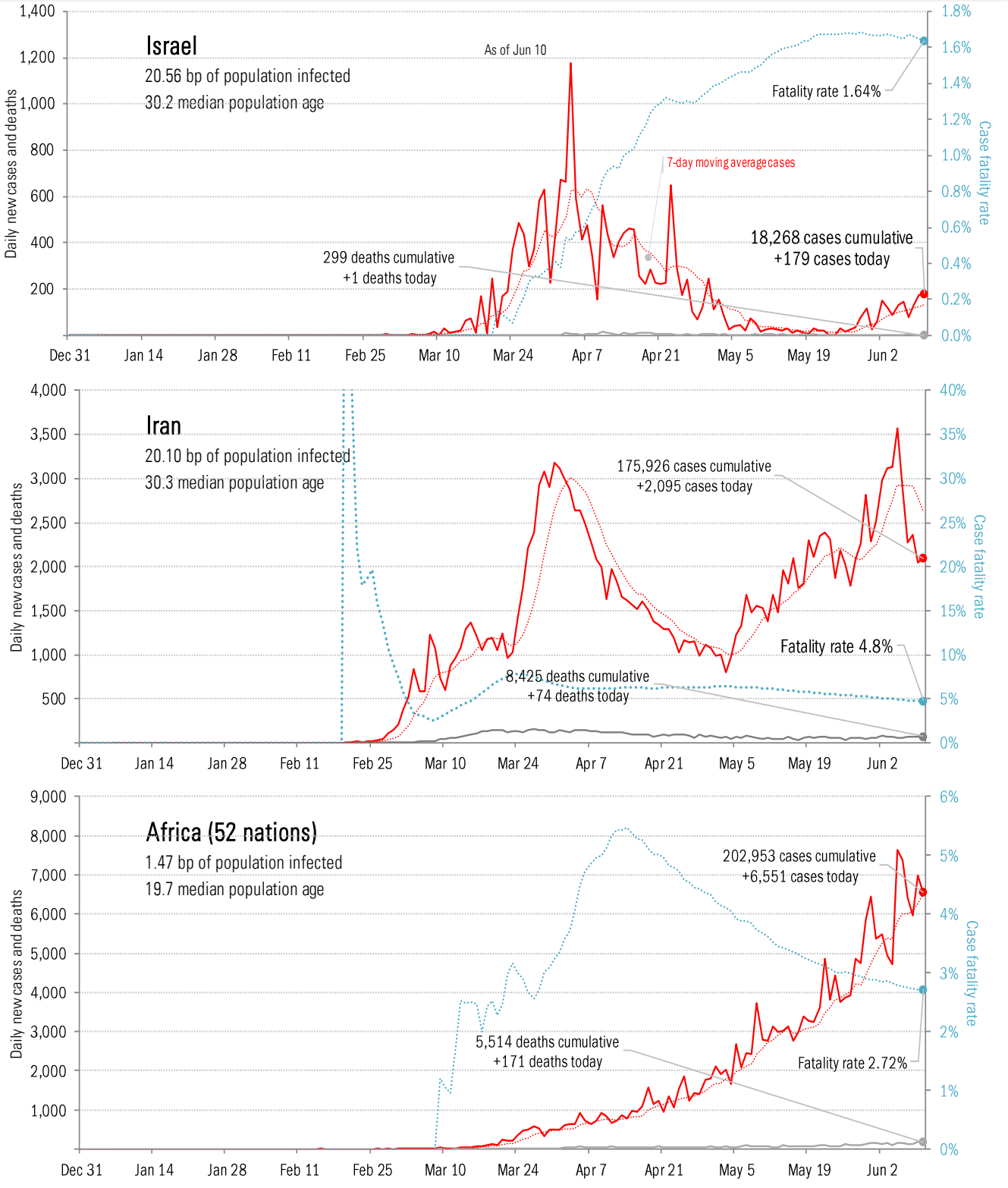

Source: ECDC, TrendMacro calculations

## Impact in the BRICs ex-China




Source: ECDC, TrendMacro calculations

## Impact in the Middle East and Africa




Source: ECDC, TrendMacro calculations