

Data Insights: Covid-2019 Monitor

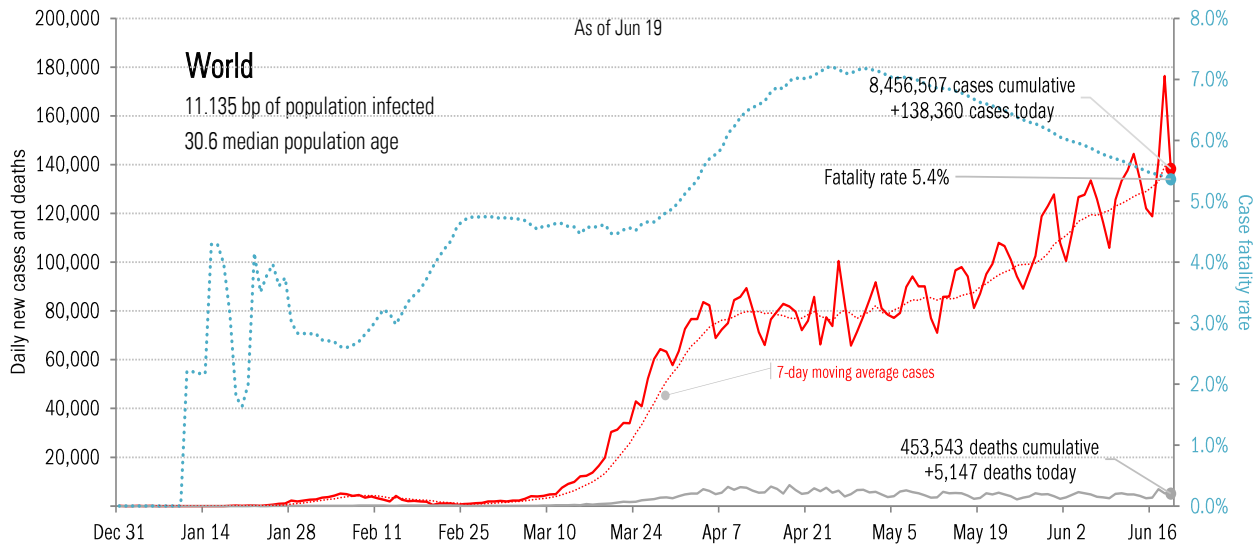
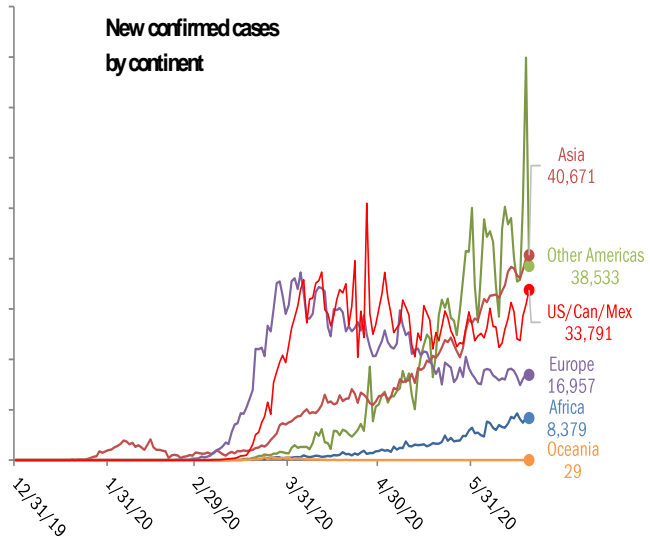
Friday, June 19, 2020

The global scorecard

The worst ten countries

| New cases | | New Deaths | |
|----------------|----------|---------------|--------|
| US | +27,762 | Brazil | +1,238 |
| Brazil | +22,765 | US | +717 |
| India | +13,586 | Mexico | +667 |
| Russia | +7,790 | India | +336 |
| Mexico | +5,662 | Russia | +312 |
| Pakistan | +4,944 | Chile | +226 |
| Saudi | +4,757 | Peru | +204 |
| Chile | +4,475 | Pakistan | +136 |
| Bangladesh | +3,803 | UK | +135 |
| Peru | +3,480 | Egypt | +88 |
| +99,024 | | +4,059 | |
| World | +138,360 | World | +5,147 |
| Top ten | 72% | Top ten | 79% |

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

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The US scorecard

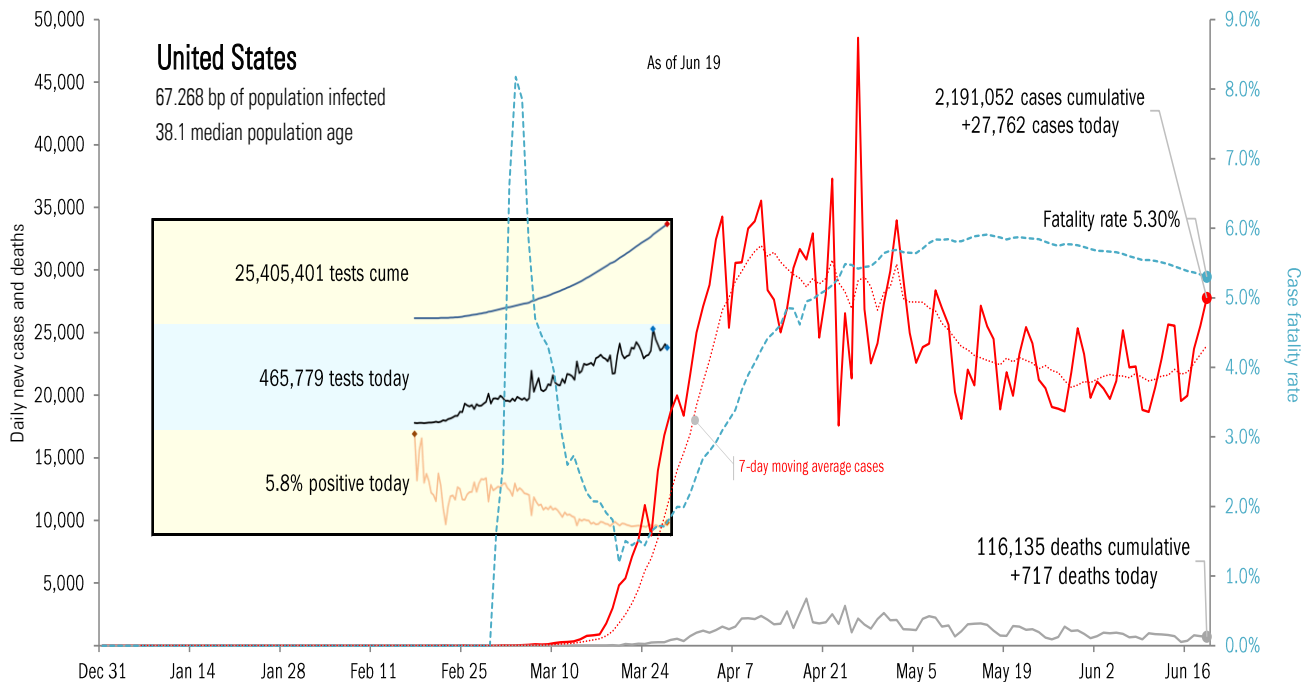
National and state-by-state data do not line up because of different sources

The ten worst US states

| New cases | | New Deaths | | New in hospital | | Cure cases | | Cure deaths | | Cure in hospital | |
|----------------|---------|-------------|------|-----------------|--------|------------------|-----------|---------------|---------|------------------|---------|
| CA | +4,084 | CA | +82 | FL | +189 | NY | 385,760 | NY | 24,661 | NY | 89,995 |
| TX | +3,516 | IL | +52 | CT | +187 | NJ | 168,107 | NJ | 12,800 | NJ | 19,010 |
| FL | +3,207 | FL | +44 | GA | +120 | CA | 161,099 | MA | 7,770 | FL | 12,862 |
| AZ | +2,519 | TX | +43 | AZ | +95 | IL | 135,639 | IL | 6,718 | MA | 10,985 |
| NC | +1,333 | PA | +42 | IN | +63 | MA | 106,422 | PA | 6,361 | MD | 10,357 |
| SC | +992 | MO | +37 | MA | +60 | TX | 99,851 | MI | 6,061 | CT | 10,099 |
| AL | +894 | MA | +36 | CH | +53 | FL | 85,926 | CA | 5,290 | GA | 9,663 |
| GA | +882 | AZ | +32 | MD | +48 | PA | 80,236 | CT | 4,226 | VA | 8,350 |
| CH | +700 | NY | +32 | WI | +32 | MI | 66,798 | FL | 3,154 | CH | 7,104 |
| TN | +686 | NJ | +31 | MN | +29 | MD | 63,229 | LA | 3,062 | IN | 6,589 |
| +18,813 | | +431 | | +876 | | 1,353,067 | | 80,103 | | 185,014 | |
| All states | +26,956 | All states | +695 | All states | +1,118 | All states | 2,177,888 | All states | 112,172 | All states | 229,212 |
| Top ten | 70% | Top ten | 62% | Top ten | 78% | Top ten | 62% | Top ten | 71% | Top ten | 81% |

Five most improved US states

| Fewer daily cases | | Fewer new deaths | | Fewer new hospitalizations | | Most recoveries | |
|-------------------|------|------------------|-----|----------------------------|------|-----------------|--------|
| LA | -928 | IL | -35 | VA | -139 | TX | +1,444 |
| MS | -489 | MA | -33 | NJ | -131 | PA | +1,116 |
| MD | -300 | MS | -23 | MS | -39 | TN | +667 |
| KS | -262 | LA | -20 | KS | -23 | IN | +504 |
| OK | -259 | GA | -16 | AL | -16 | WI | +442 |



Source: States and test data [Covid Tracking Project](#), US data [ECDC](#), TrendMacro calculations

Recommended reading

[Ned Lamont Says the Unspeakable](#)

Wall Street Journal

June 18, 2020

[What Covid Models Get Wrong](#)

Wall Street Journal

June 18, 2020

[This disastrous lockdown can never be repeated, even if the virus returns](#)

William Hague

The Telegraph

June 15, 2020

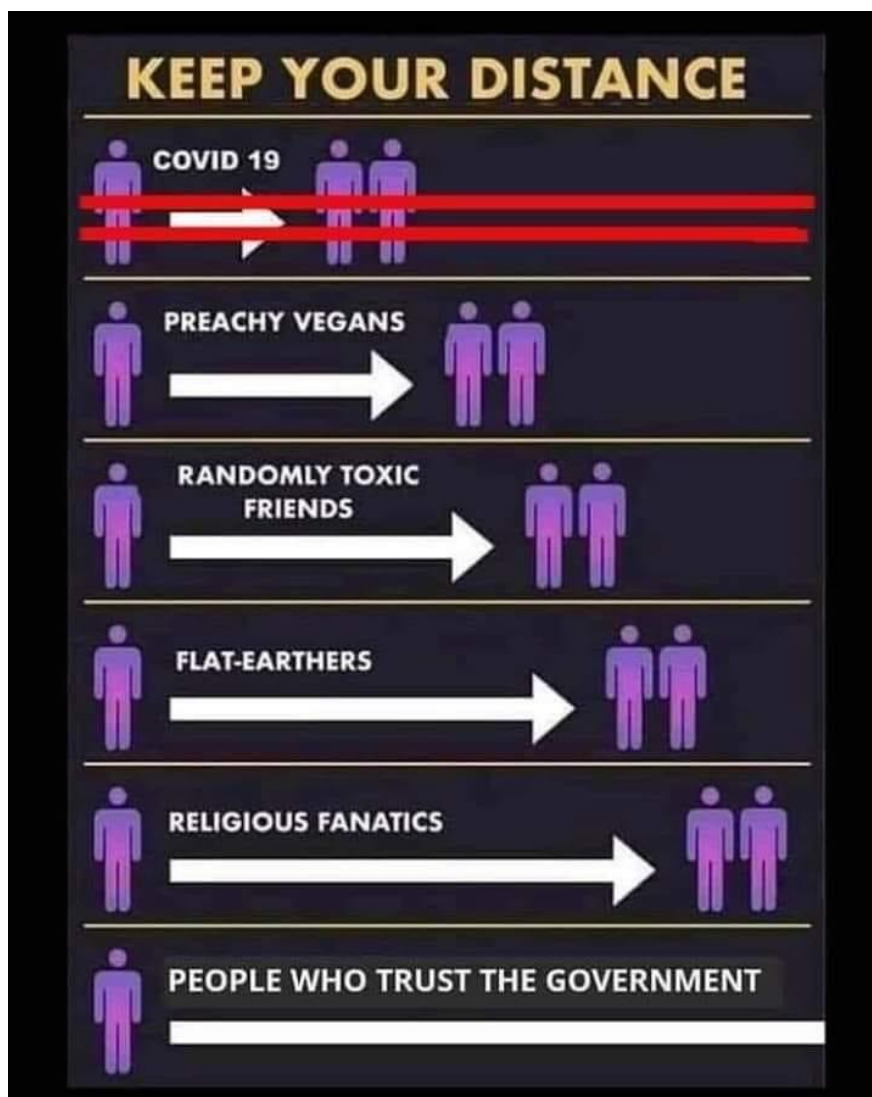
[Have the protests proved that COVID-19 risks are being vastly exaggerated?](#)

Chris von Csefalvay

The Spectator

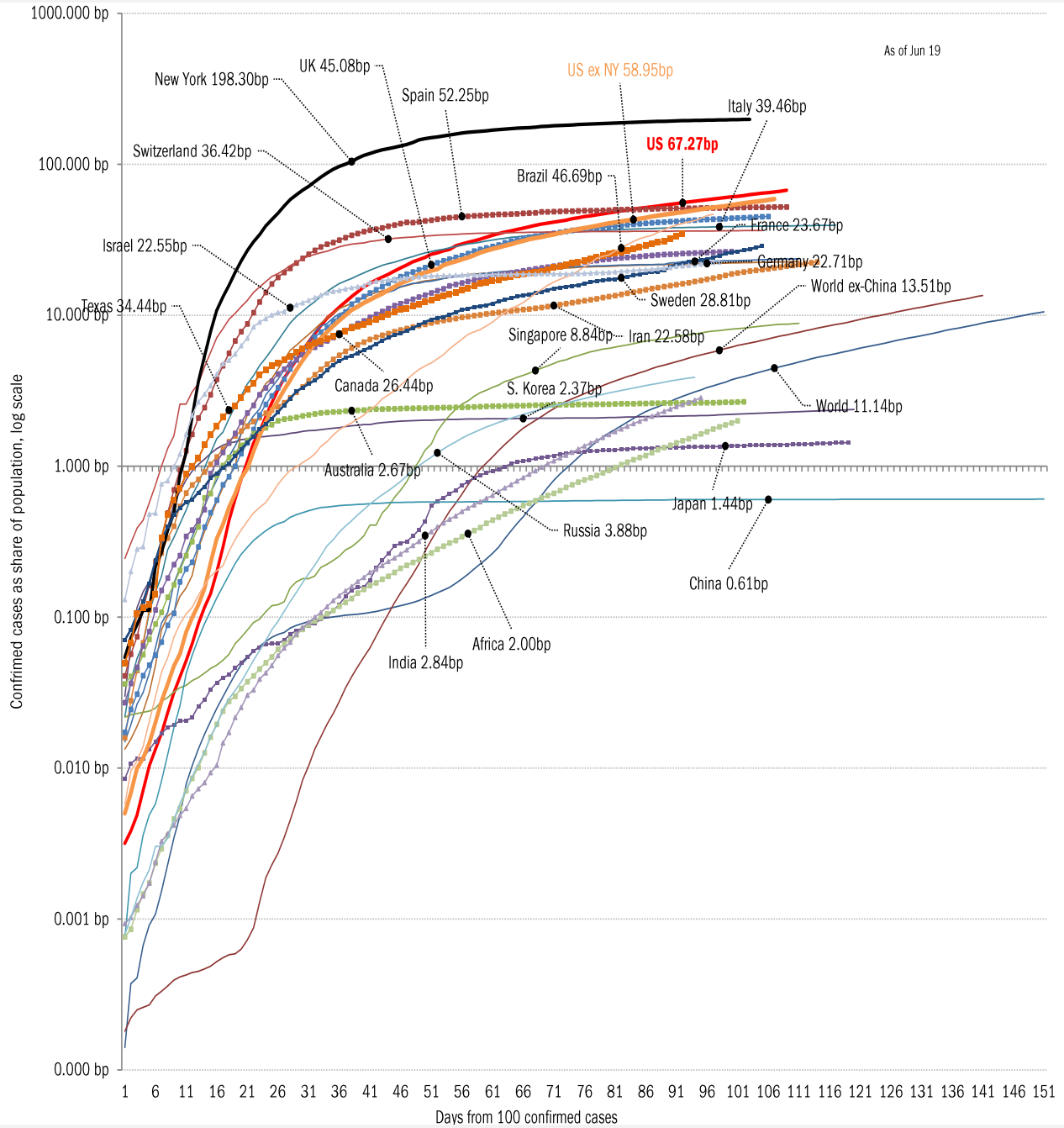
June 16, 2020

Meme of the day



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

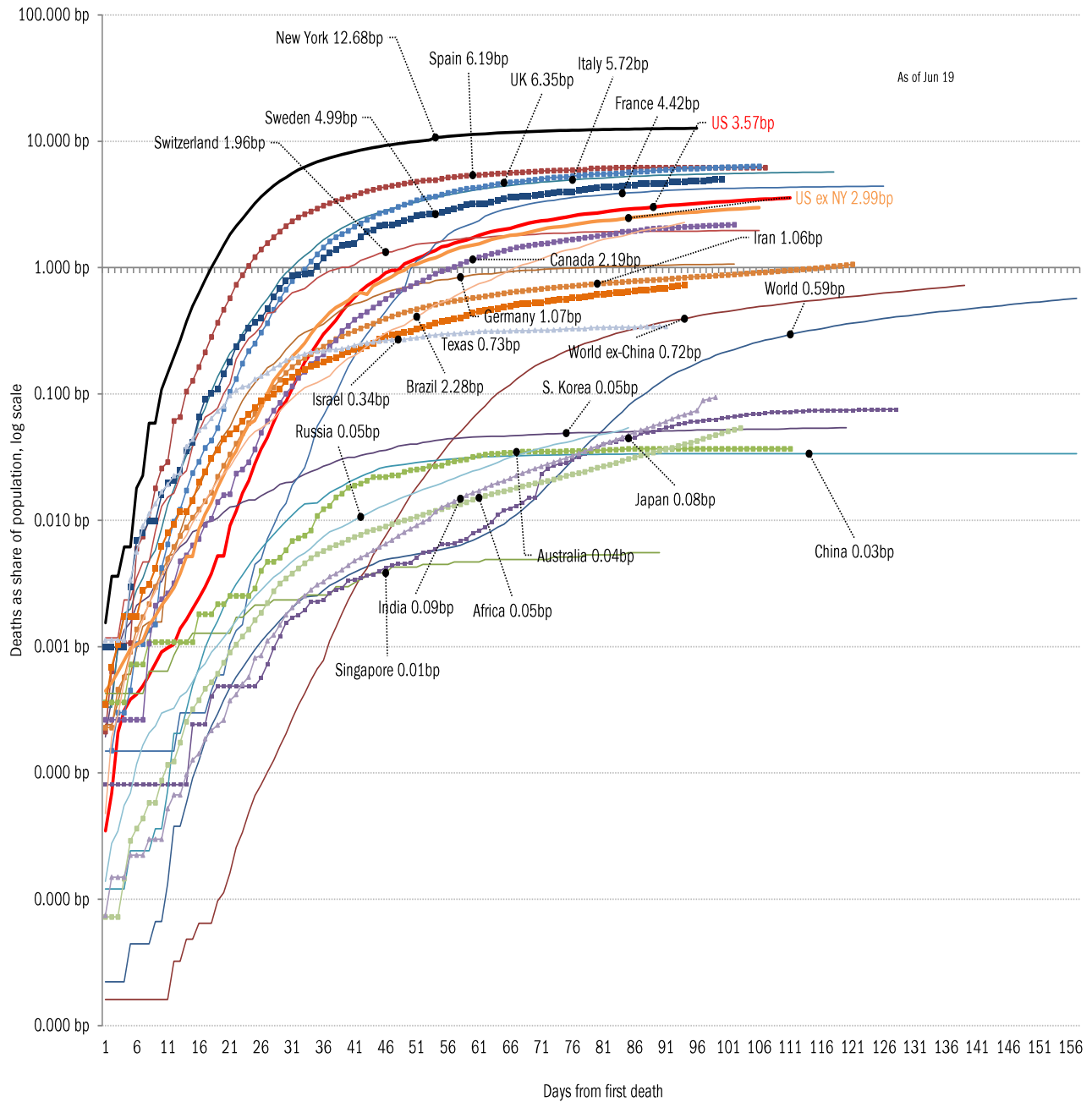
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

The coronavirus mortality accelerometer ... tracking the world's fatality curves

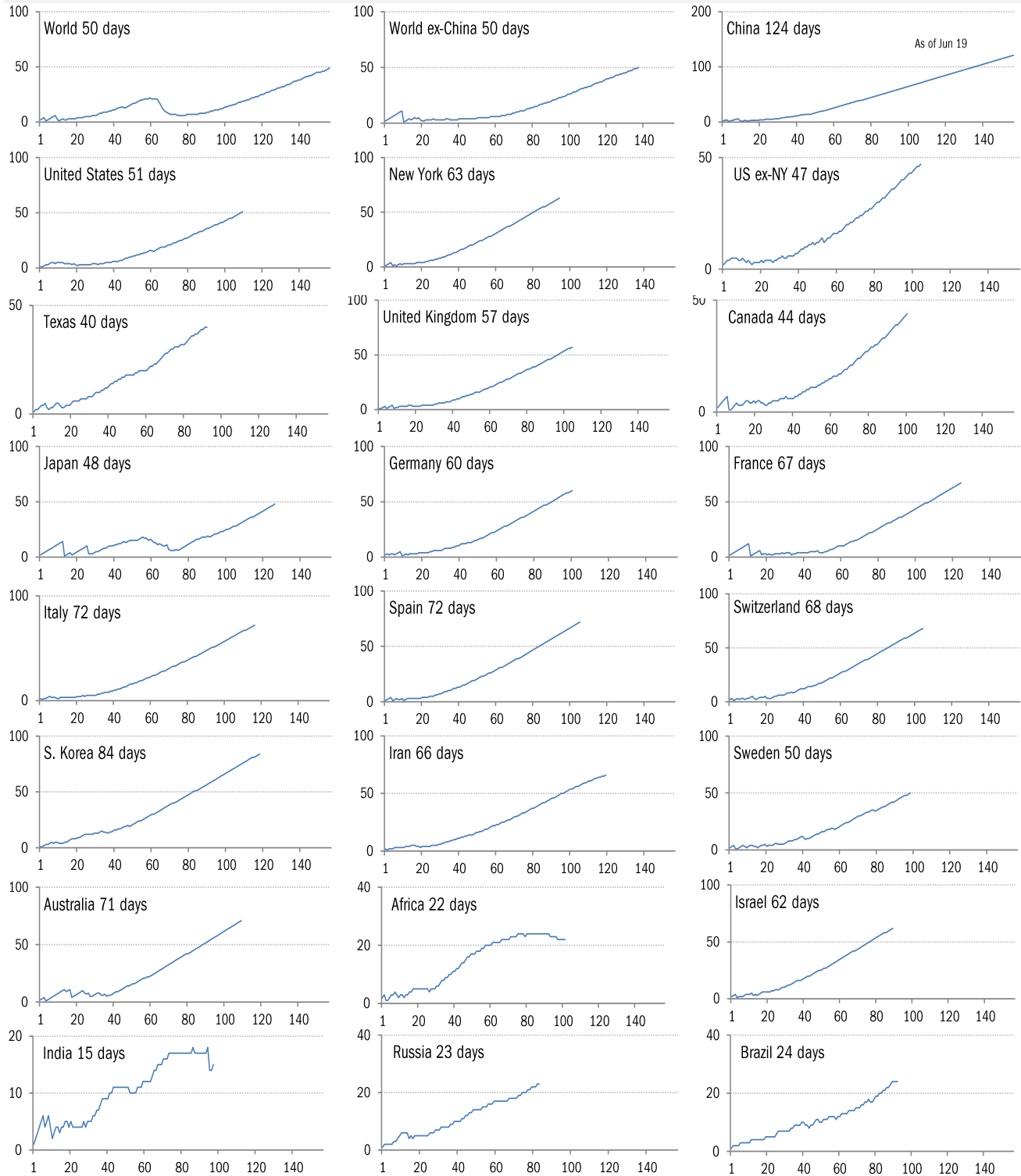
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

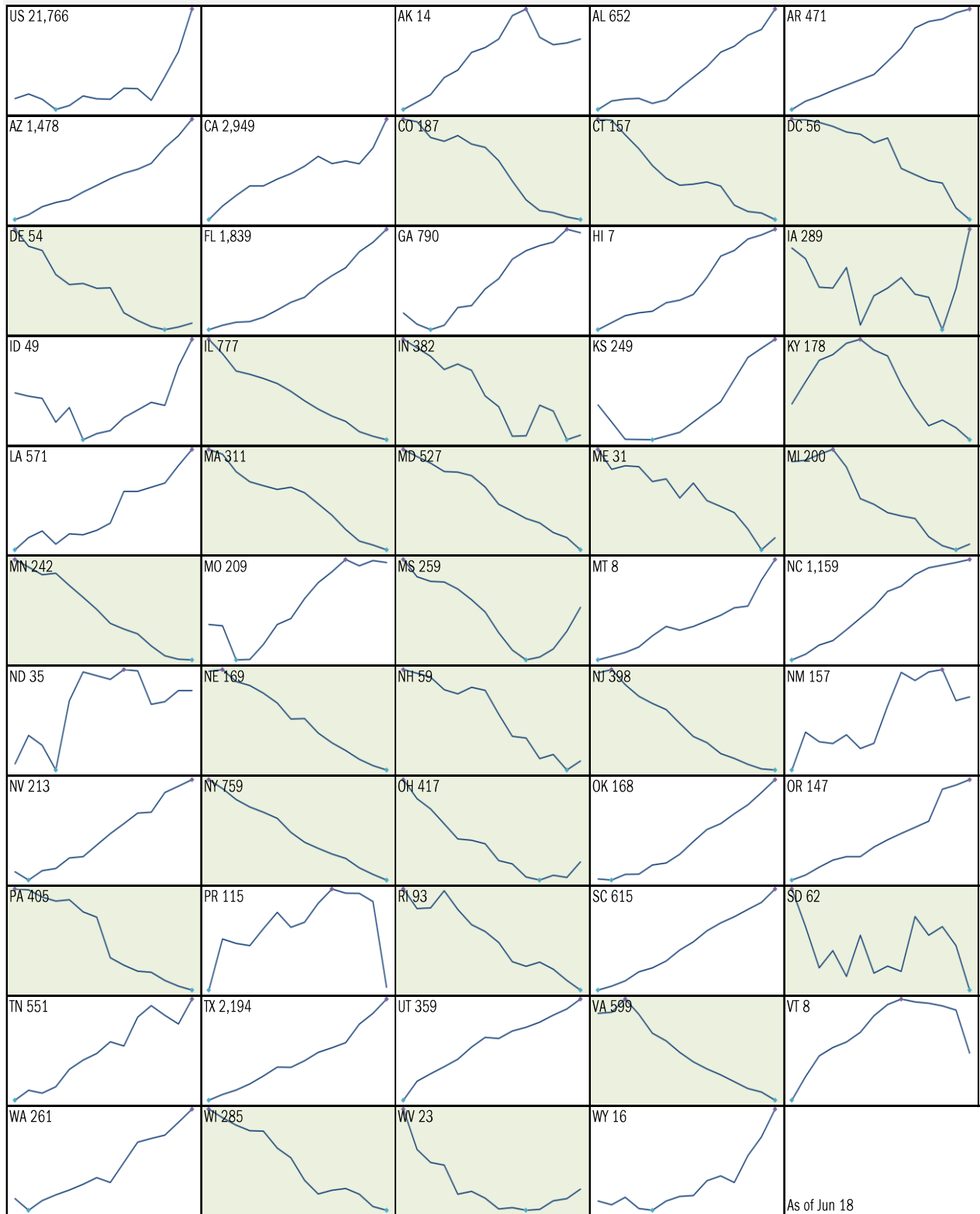
Our most reliable evidence of slowing exponential growth of Covid-2019

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



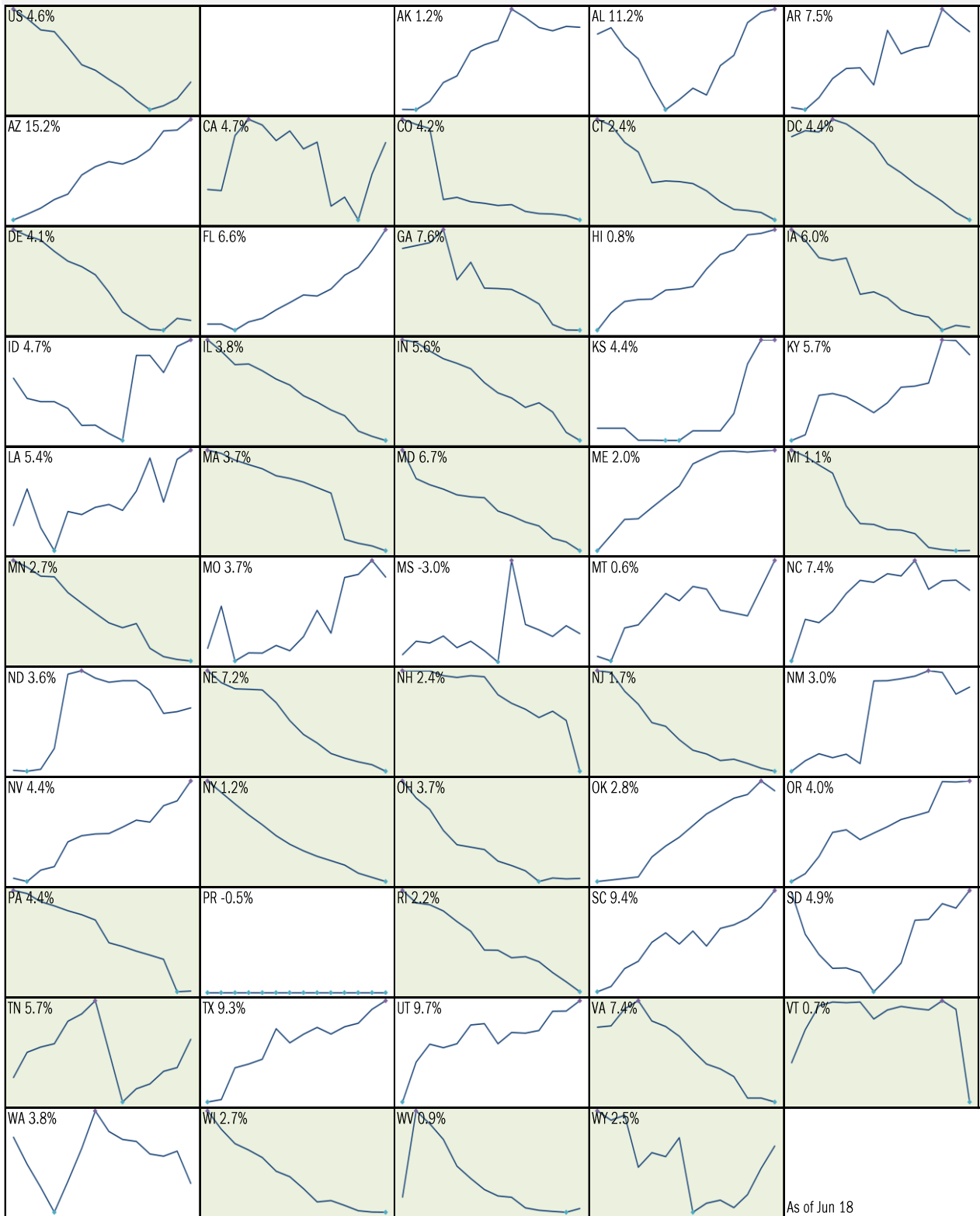
Source: [ECDC](#), TrendMacro calculations

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



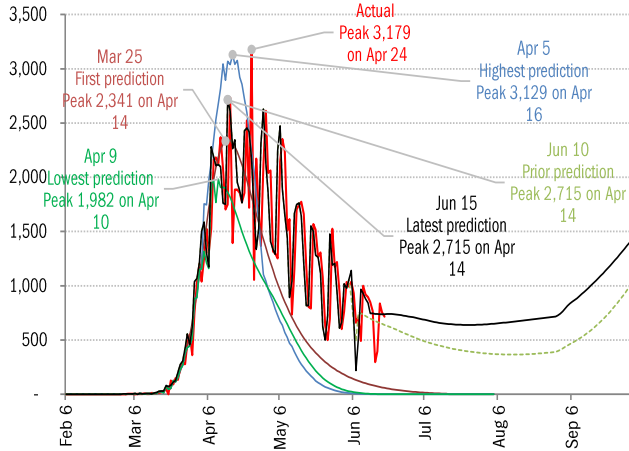
Source: [Covid Tracking Project](#), TrendMacro calculations

Reality-checking the models: actuals versus [IHME predictions](#)

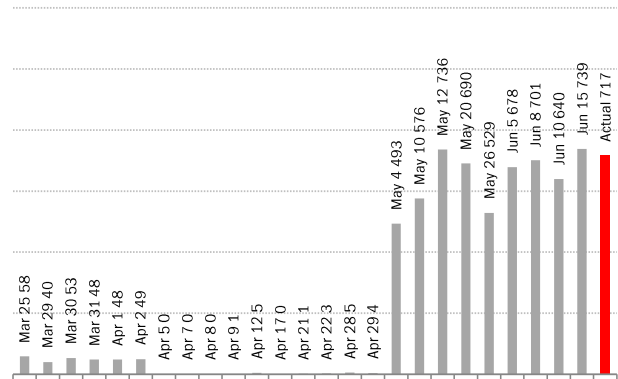
New daily fatalities

As of Jun 19

Actual versus first, highest, lowest and latest model mean predictions

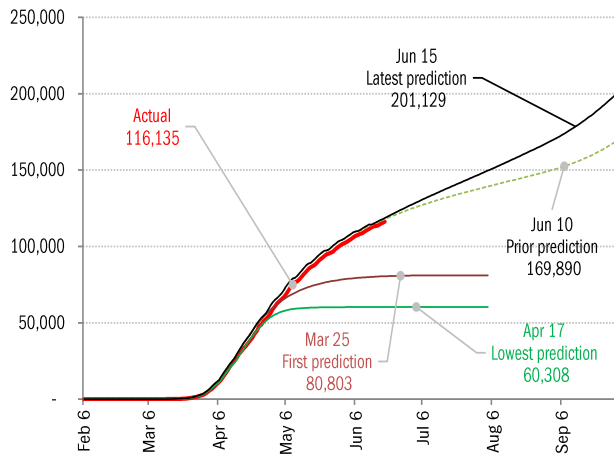


For this day, versus all model mean predictions

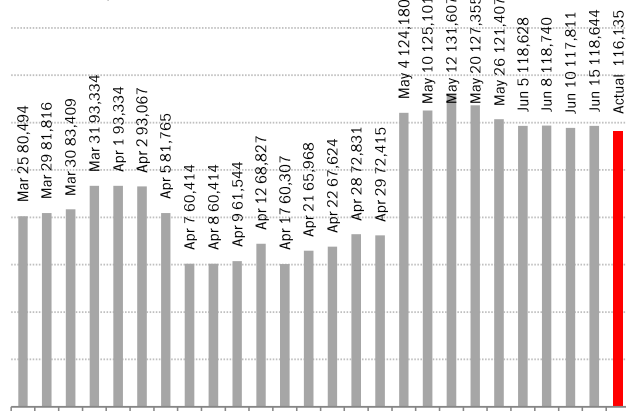


Cumulative fatalities

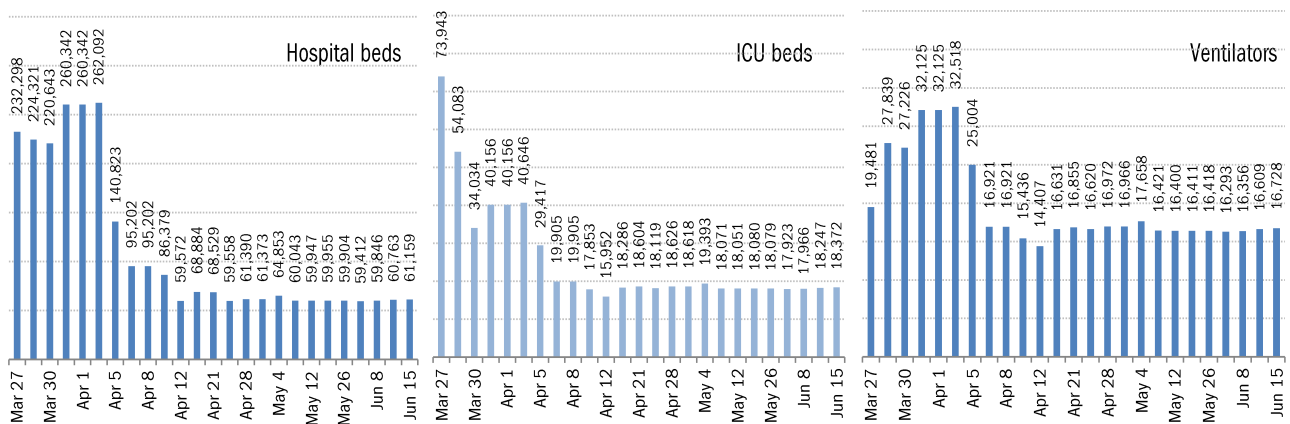
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

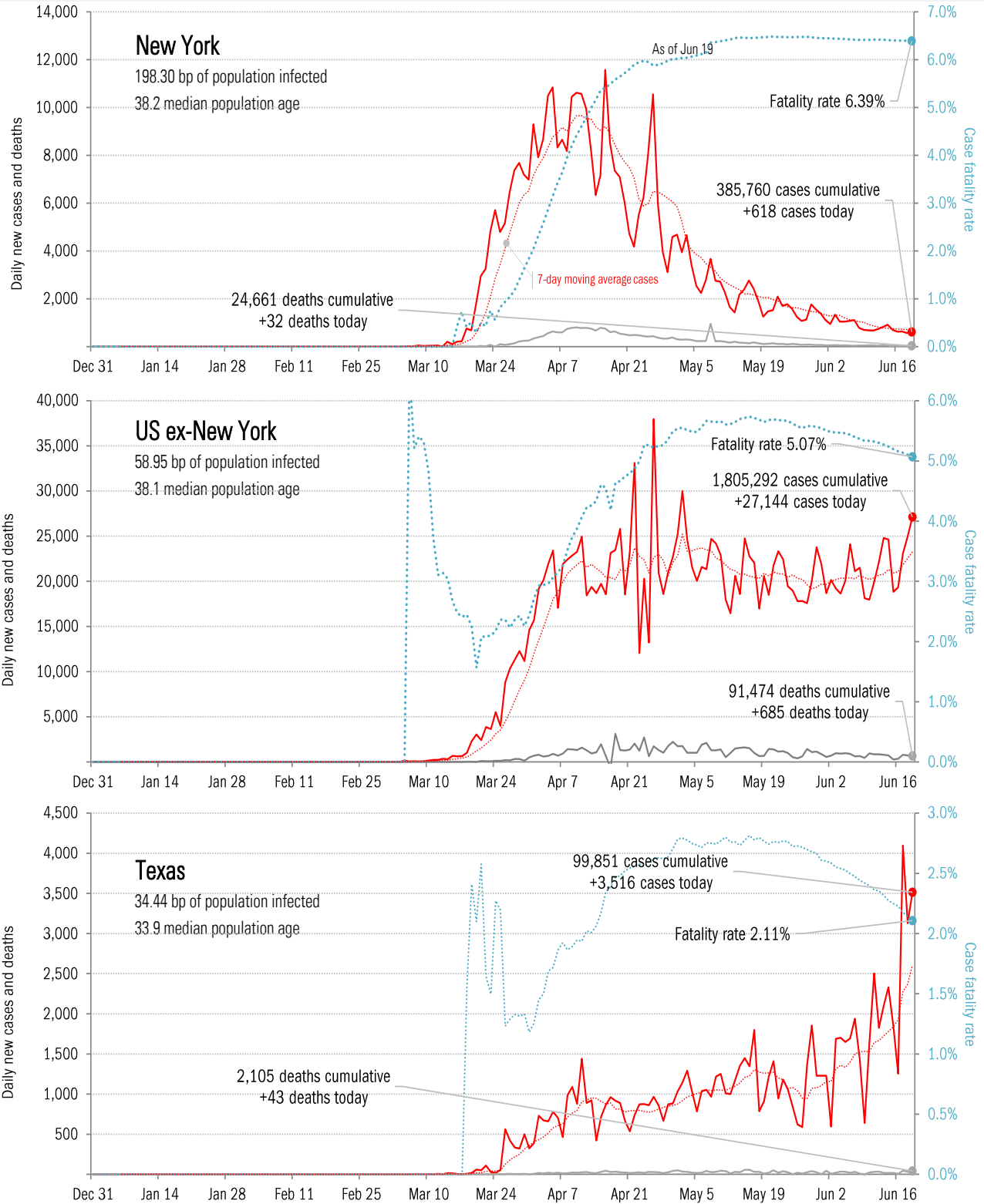


Healthcare system stress, peak estimated at each model revision



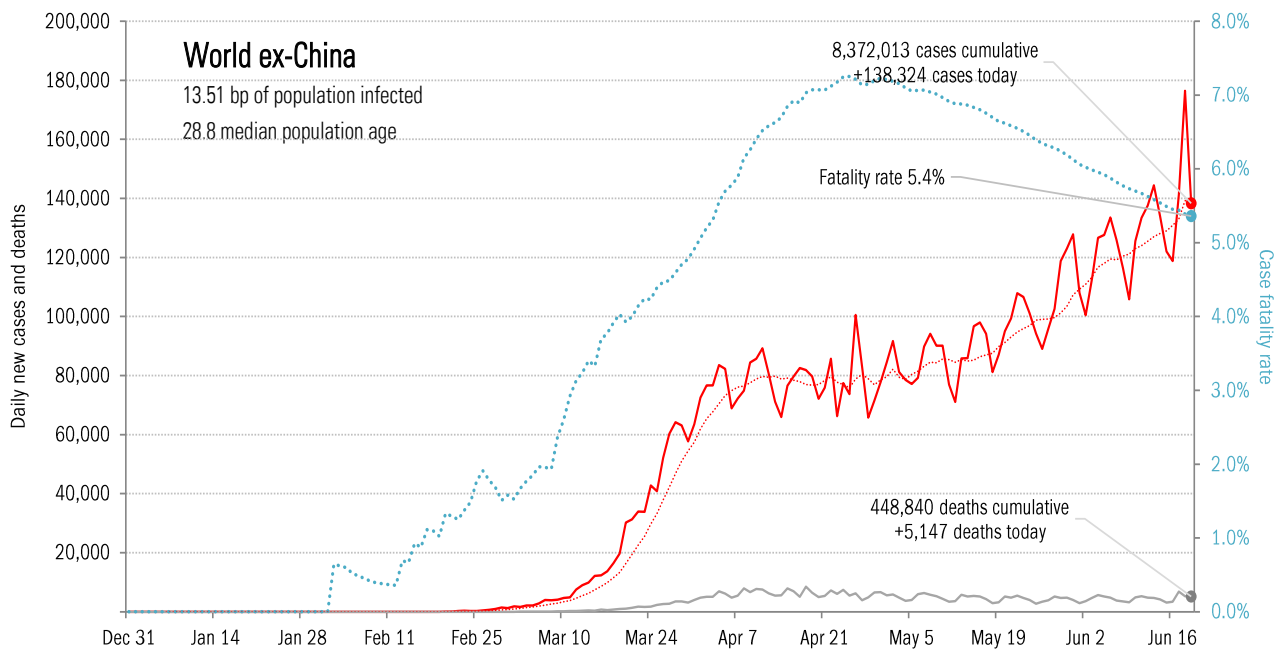
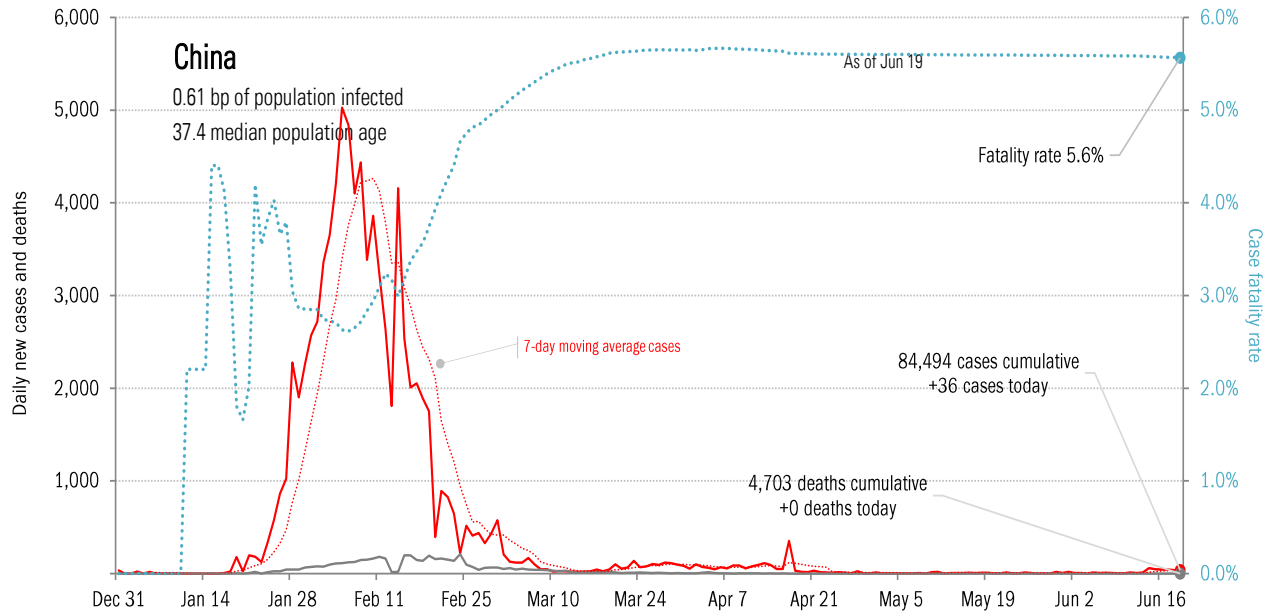
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



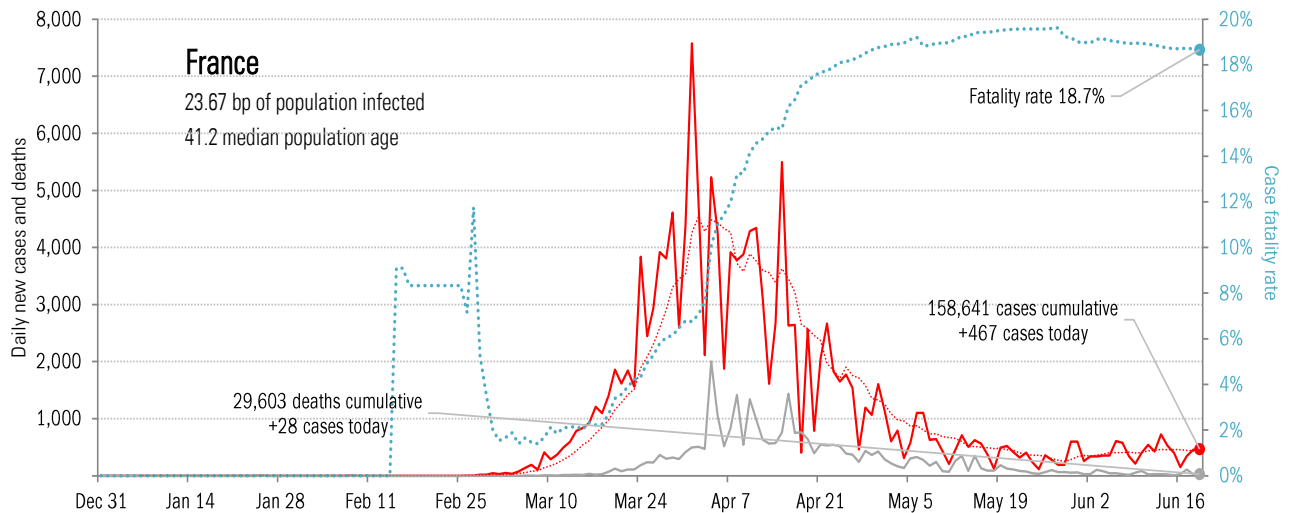
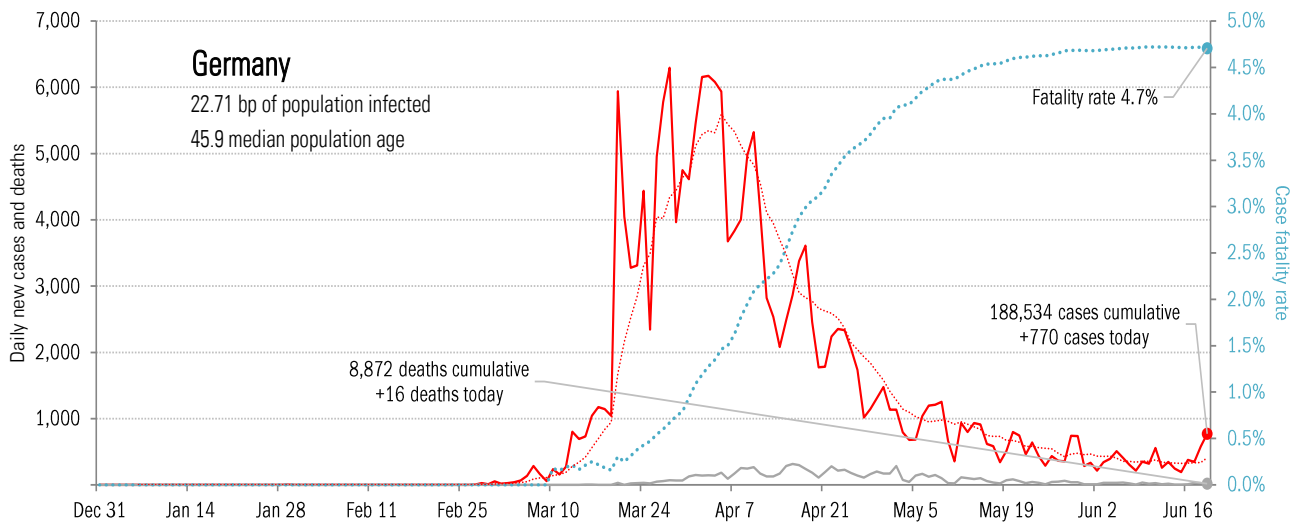
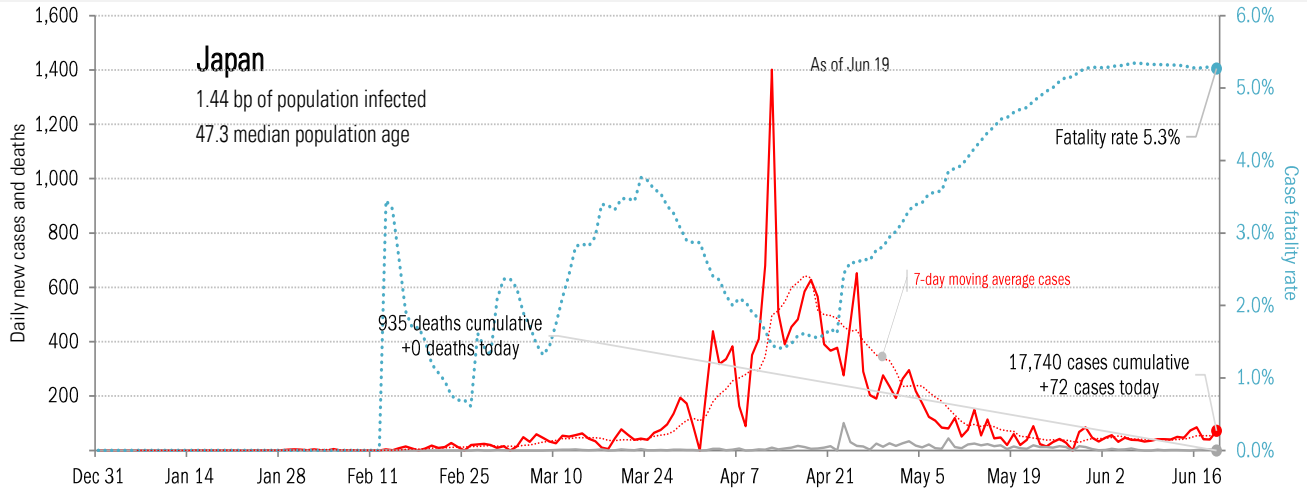
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



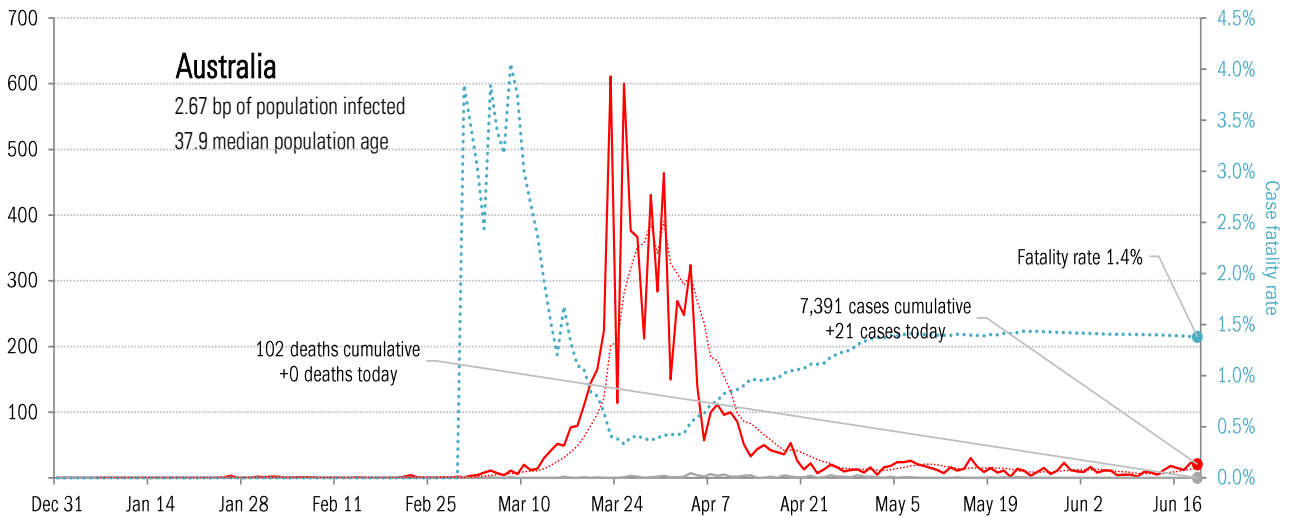
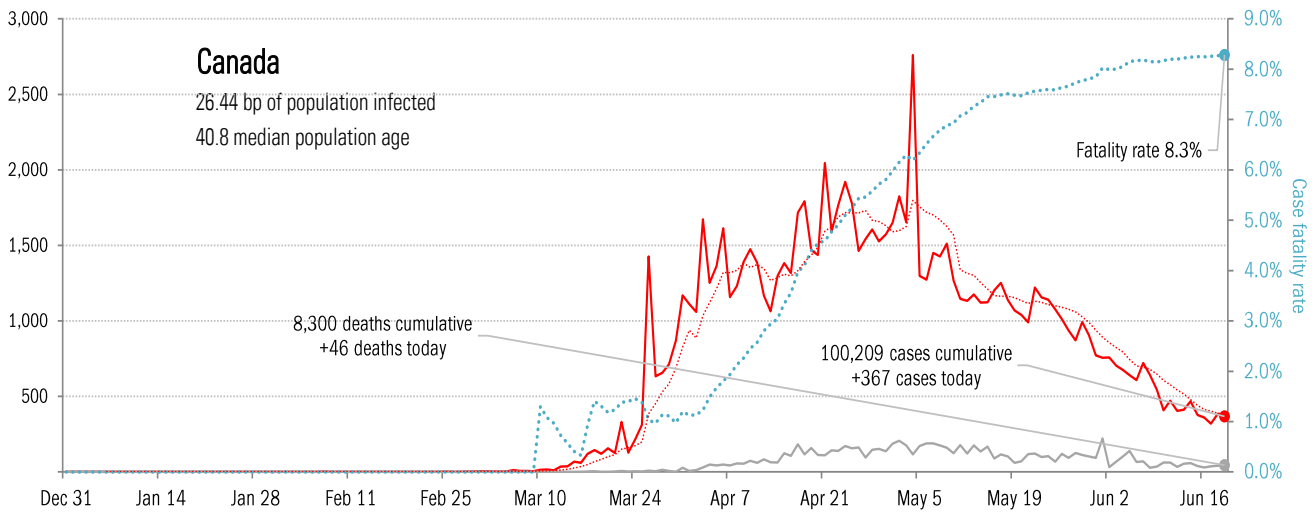
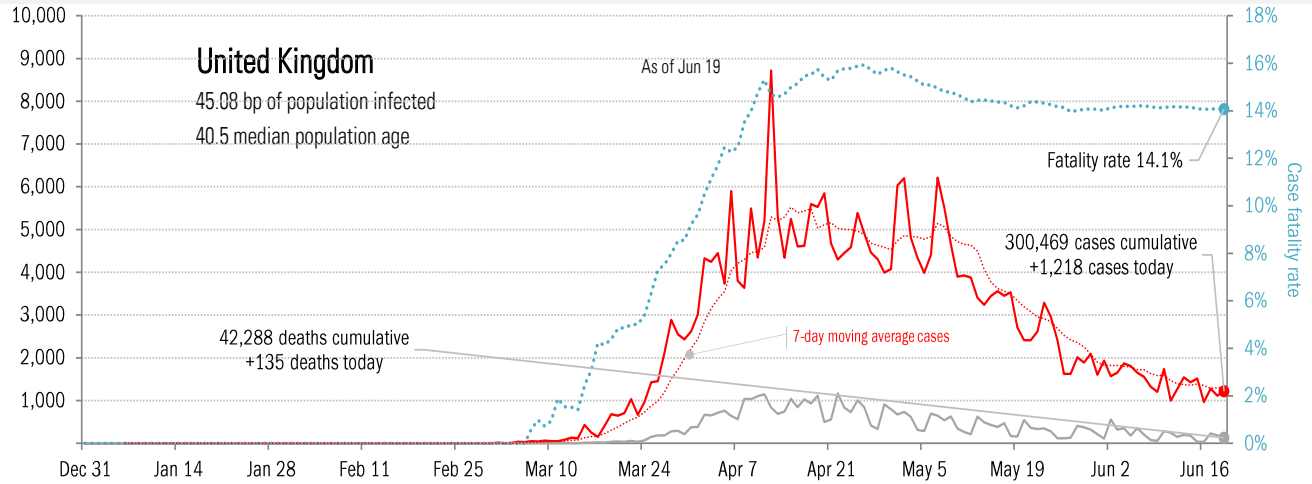
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



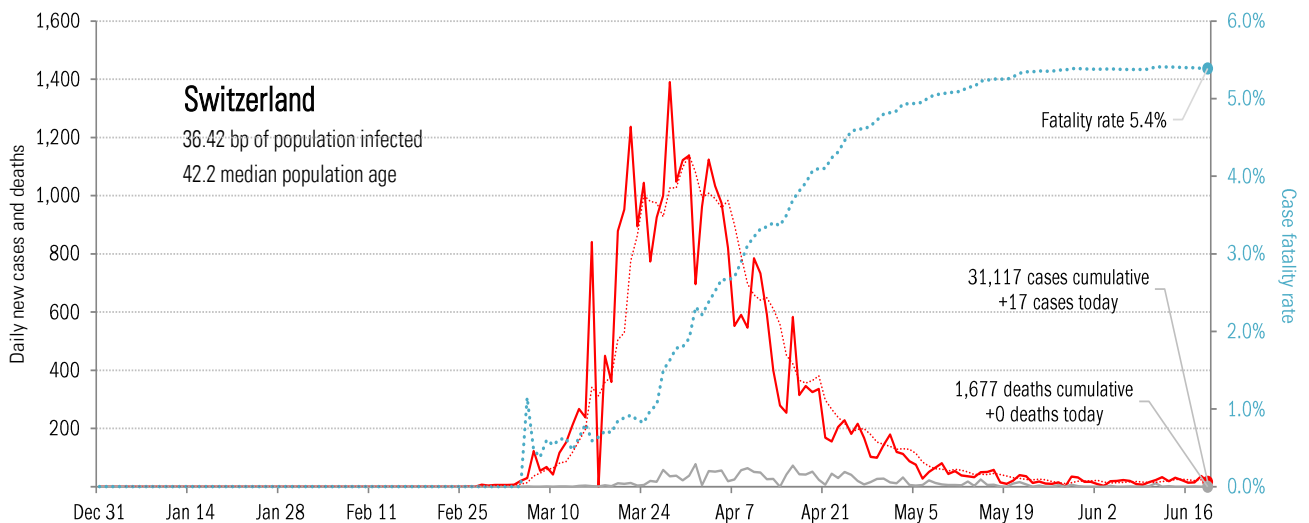
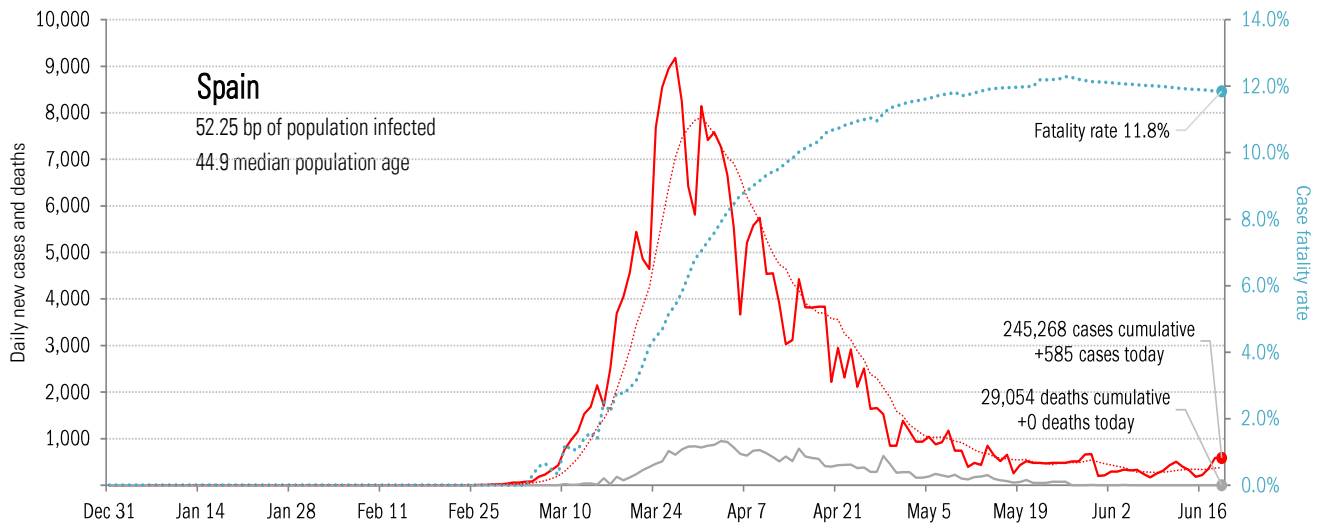
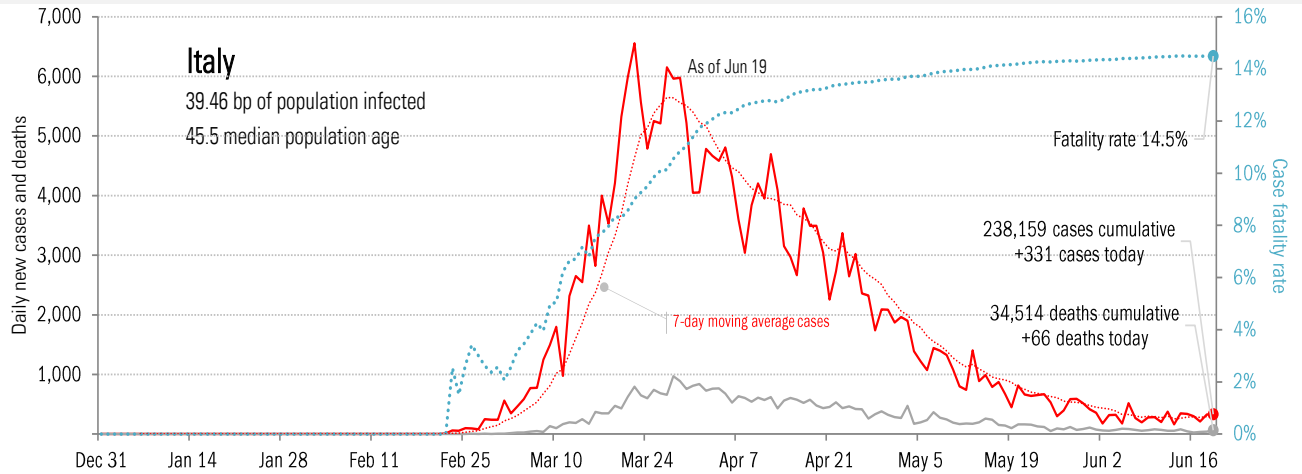
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



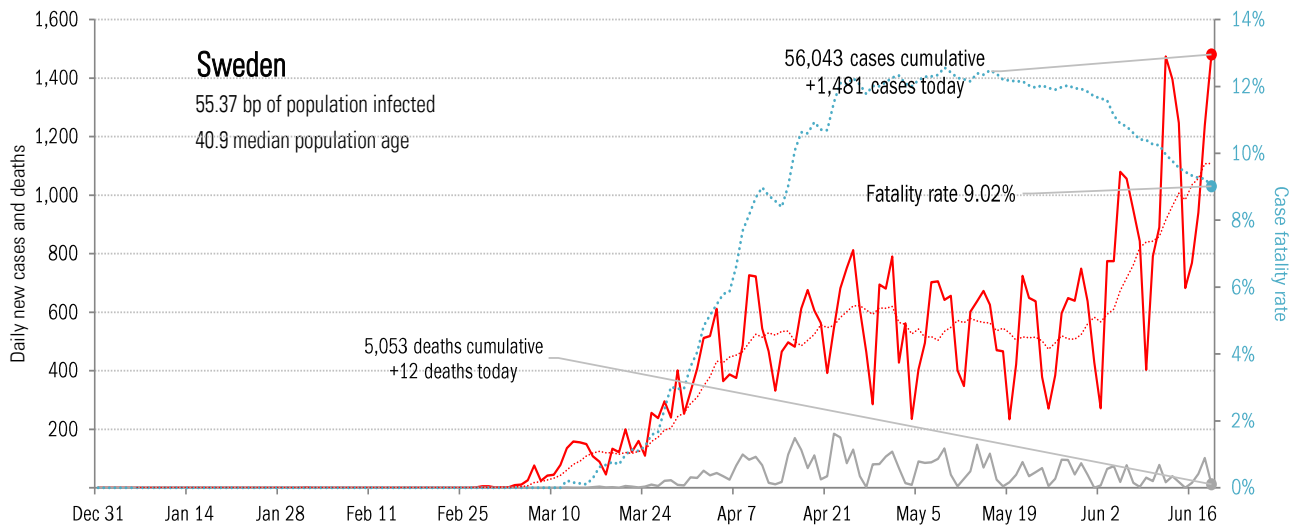
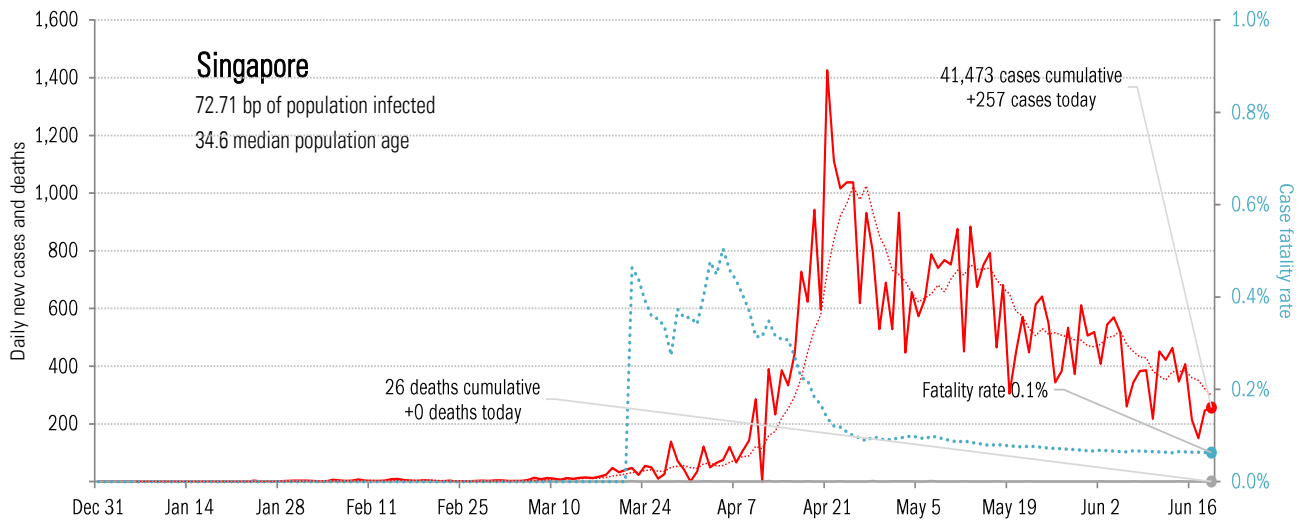
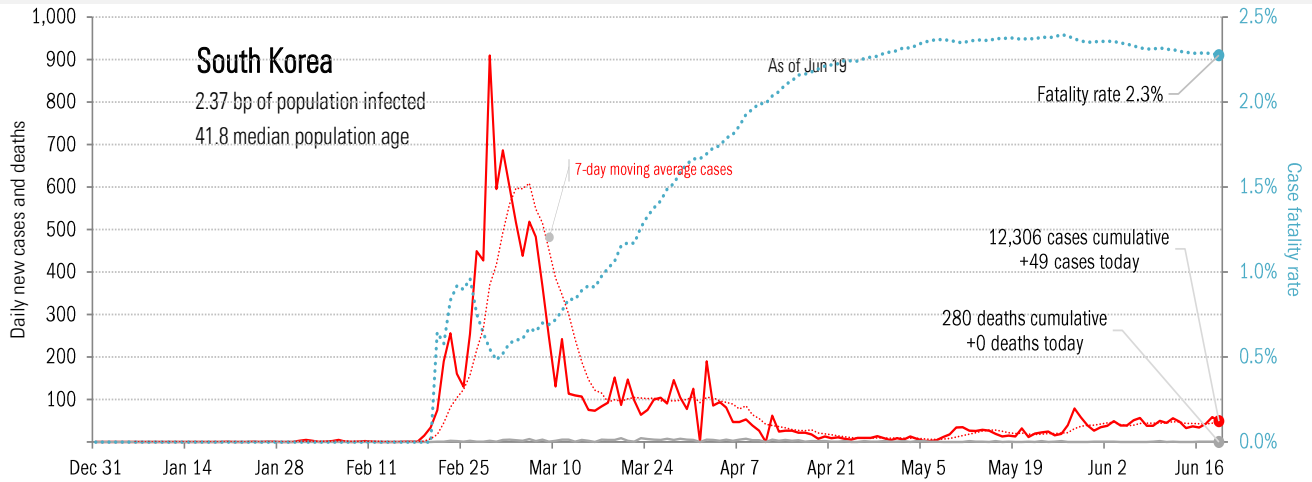
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



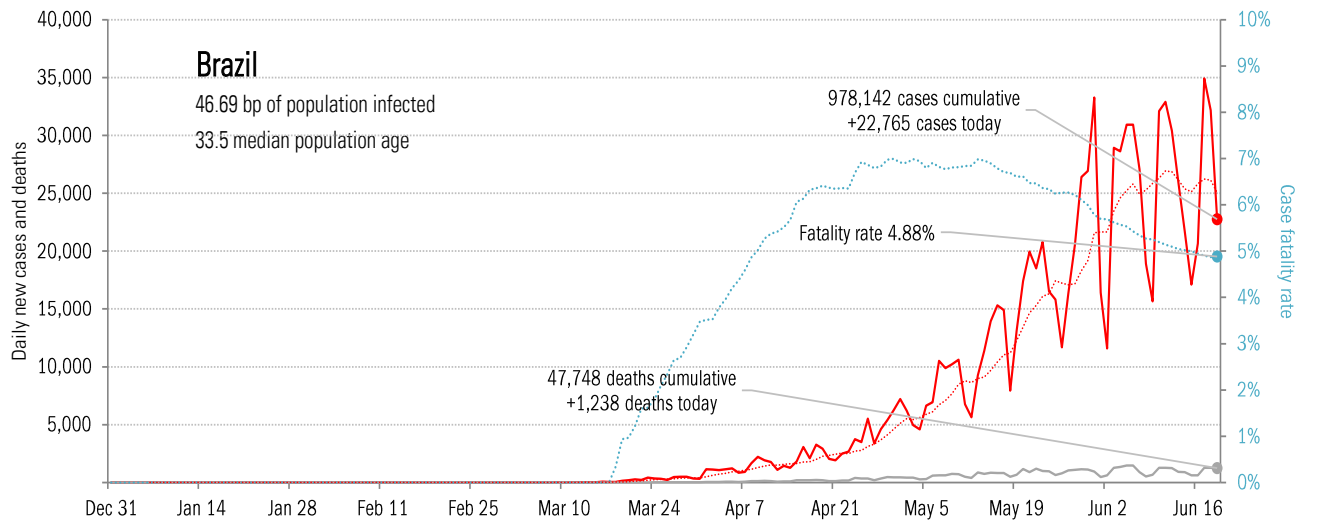
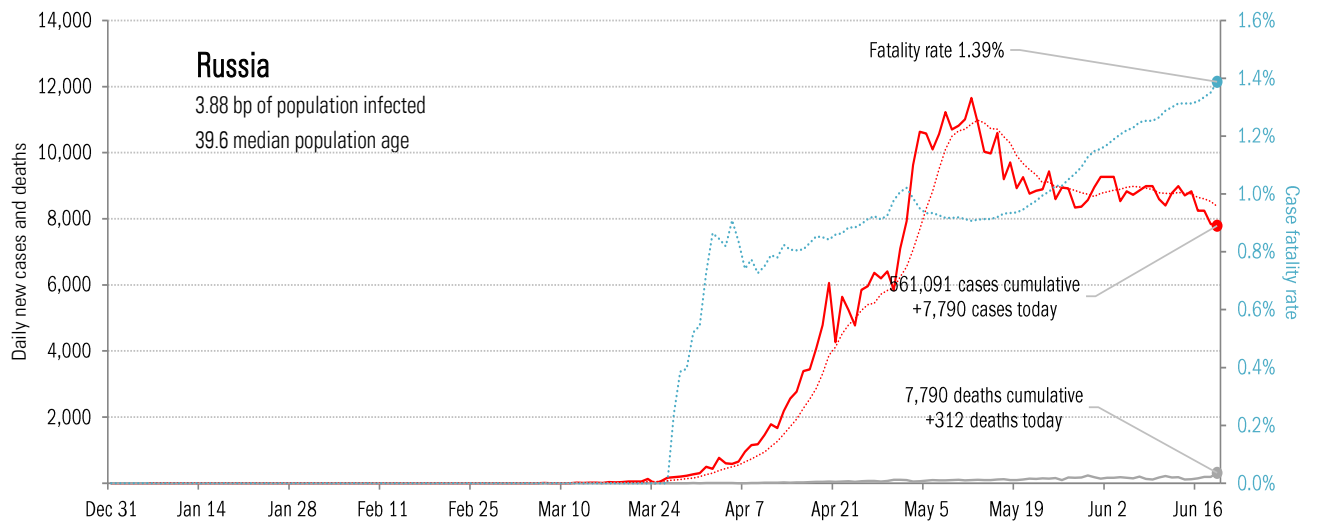
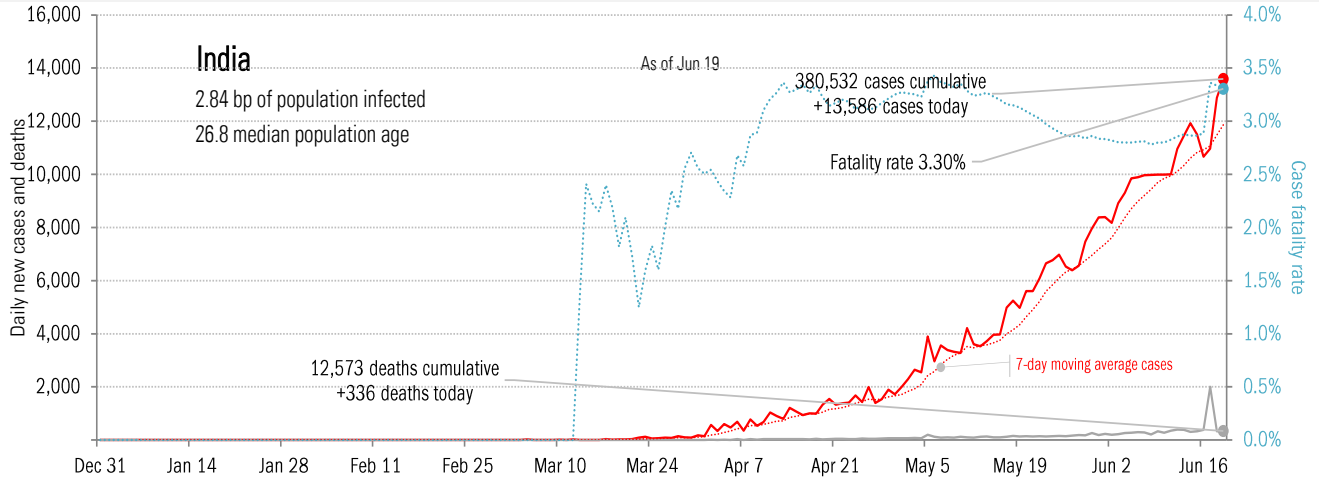
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



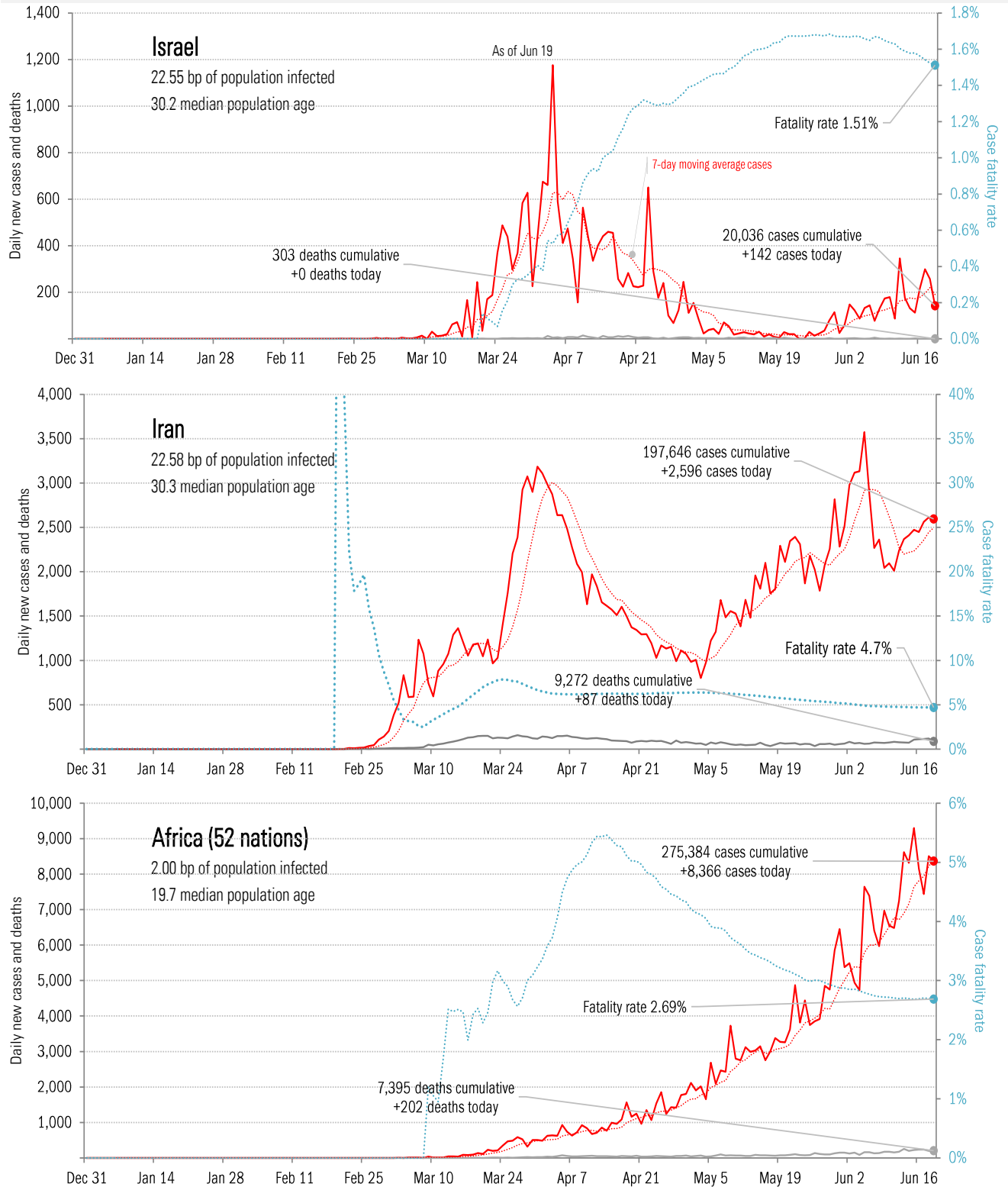
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations