

Data Insights: Covid-2019 Monitor

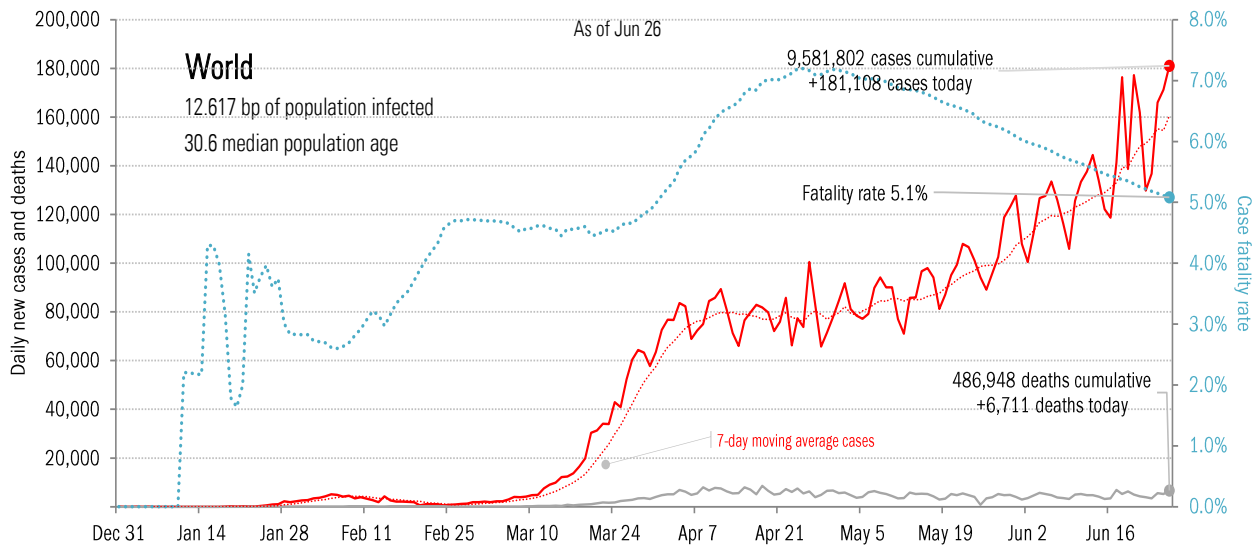
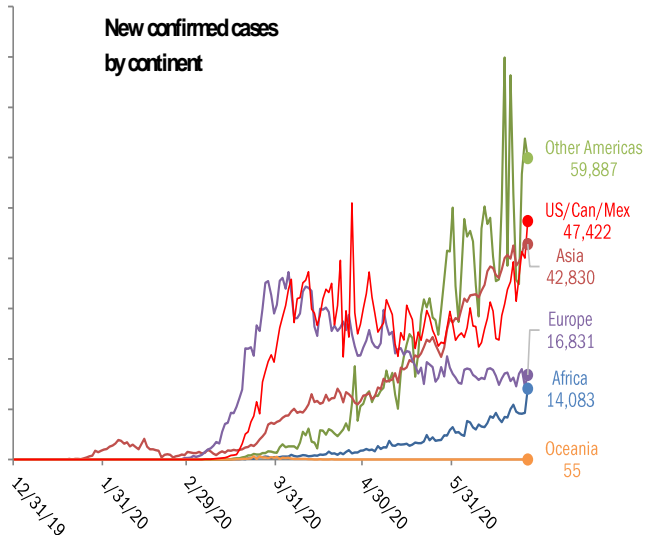
Friday, June 26, 2020

The global scorecard

The worst ten countries

| New cases | | New Deaths | |
|-----------------|----------|---------------|--------|
| US | +40,949 | US | +2,437 |
| Brazil | +39,483 | Brazil | +1,141 |
| India | +17,296 | Mexico | +718 |
| Russia | +7,113 | India | +407 |
| South_Africa | +6,579 | Peru | +175 |
| Mexico | +6,104 | Chile | +172 |
| Chile | +4,648 | Egypt | +168 |
| Bangladesh | +3,946 | Colombia | +163 |
| Peru | +3,913 | UK | +149 |
| Colombia | +3,486 | Iran | +134 |
| +133,517 | | +5,664 | |
| World | +181,108 | World | +6,711 |
| Top ten | 74% | Top ten | 84% |

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

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The US scorecard

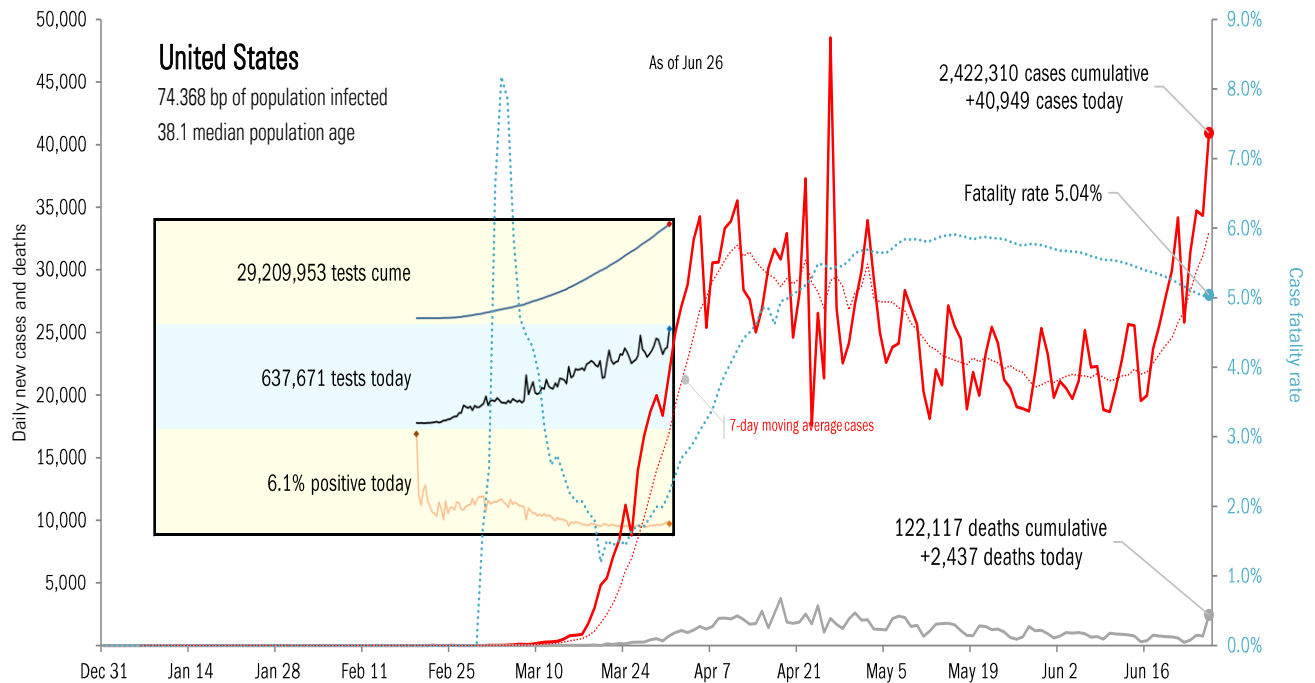
National and state-by-state data do not line up because of different sources

The ten worst US states

| New cases | | New Deaths | | New in hospital | | Curre cases | | Curre deaths | | Curre in hospital | |
|----------------|---------|---------------|--------|-----------------|--------|------------------|-----------|---------------|---------|-------------------|---------|
| TX | +5,996 | NJ | +1,877 | FL | +203 | NY | 390,415 | NY | 24,800 | NY | 89,995 |
| CA | +5,349 | CA | +101 | CT | +169 | CA | 195,571 | NJ | 14,872 | NJ | 19,668 |
| FL | +5,004 | GA | +47 | GA | +144 | NJ | 170,196 | MA | 7,963 | FL | 14,068 |
| AZ | +3,056 | TX | +47 | AZ | +93 | IL | 140,434 | IL | 7,014 | MA | 11,252 |
| GA | +1,714 | FL | +46 | NJ | +70 | TX | 131,917 | PA | 6,557 | MD | 10,683 |
| AL | +1,142 | IL | +40 | CH | +55 | FL | 114,018 | MI | 6,133 | GA | 10,457 |
| SC | +1,125 | PA | +39 | MS | +52 | MA | 107,837 | CA | 5,733 | CT | 10,268 |
| MS | +1,092 | AZ | +27 | MN | +46 | PA | 83,770 | CT | 4,298 | VA | 8,672 |
| NC | +1,009 | MA | +25 | AL | +45 | GA | 71,095 | FL | 3,423 | CH | 7,502 |
| LA | +938 | MD | +21 | TN | +45 | MI | 68,989 | LA | 3,164 | IN | 6,912 |
| +26,425 | | +2,270 | | +922 | | 1,474,242 | | 83,957 | | 189,477 | |
| All states | +39,061 | All states | +2,500 | All states | +1,257 | All states | 2,410,978 | All states | 118,031 | All states | 236,993 |
| Top ten | 68% | Top ten | 91% | Top ten | 73% | Top ten | 61% | Top ten | 71% | Top ten | 80% |

Five most improved US states

| Fewer daily cases | | Fewer new deaths | | Fewer new hospitalizations | | Most recoveries | |
|-------------------|--------|------------------|-----|----------------------------|-----|-----------------|--------|
| CA | -1,800 | AZ | -52 | VA | -58 | TX | +1,598 |
| NC | -712 | IL | -23 | FL | -48 | IN | +884 |
| FL | -507 | MA | -23 | GA | -46 | PA | +838 |
| KS | -505 | AL | -22 | MA | -29 | TN | +587 |
| MO | -172 | MS | -17 | KS | -26 | AR | +559 |



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

Recommended reading

[NJ says 1,854 additional residents likely died of coronavirus after review of death records](#)

Stacey Barchenger
NorthJersey.com
June 25, 2020

[Gov. Greg Abbott pauses Texas' reopening, bans elective surgeries in four counties to preserve bed space for coronavirus patients](#)

Sarah R. Champagne
Texas Tribune
June 25, 2020

[Economics after the Virus](#)

Arnold Kling
National Affairs
Summer 2020

[COVID-19 Evidence is lacking for 2 meter distancing](#)

Carl Heneghan and Tom Jefferson.
Centre for Evidence-Based Medicine
June 19, 2020

[From China to Germany, the World Learns to Live With the Coronavirus](#)

Sui-Lee Wee, Benjamin Mueller and Emma Bubola
New York Times
June 24, 2020

[Decades-Old Soviet Studies Hint at Coronavirus Strategy](#)

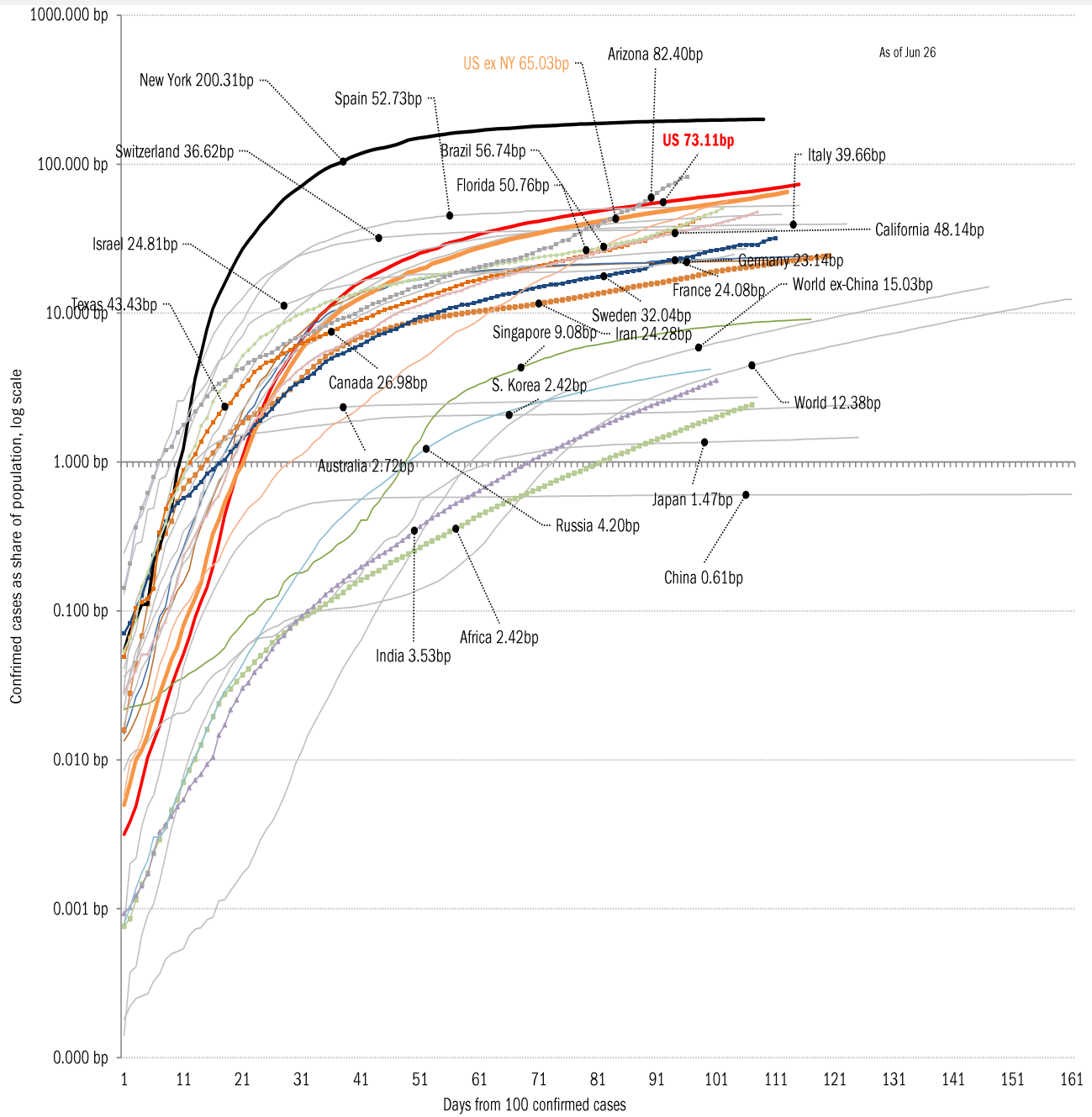
Andrew E. Kramer
New York Times
June 24, 2020

Meme of the day



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

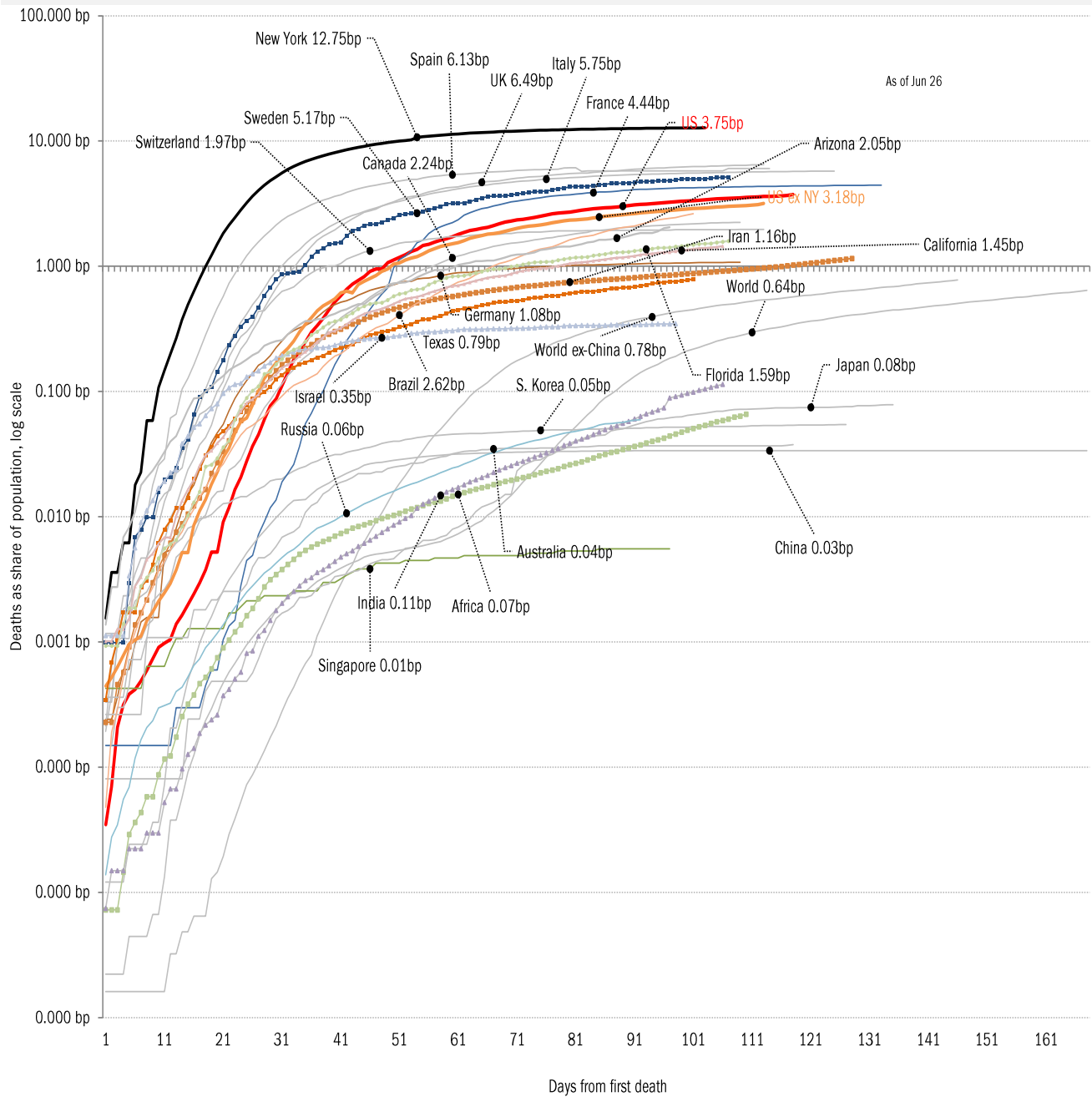
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

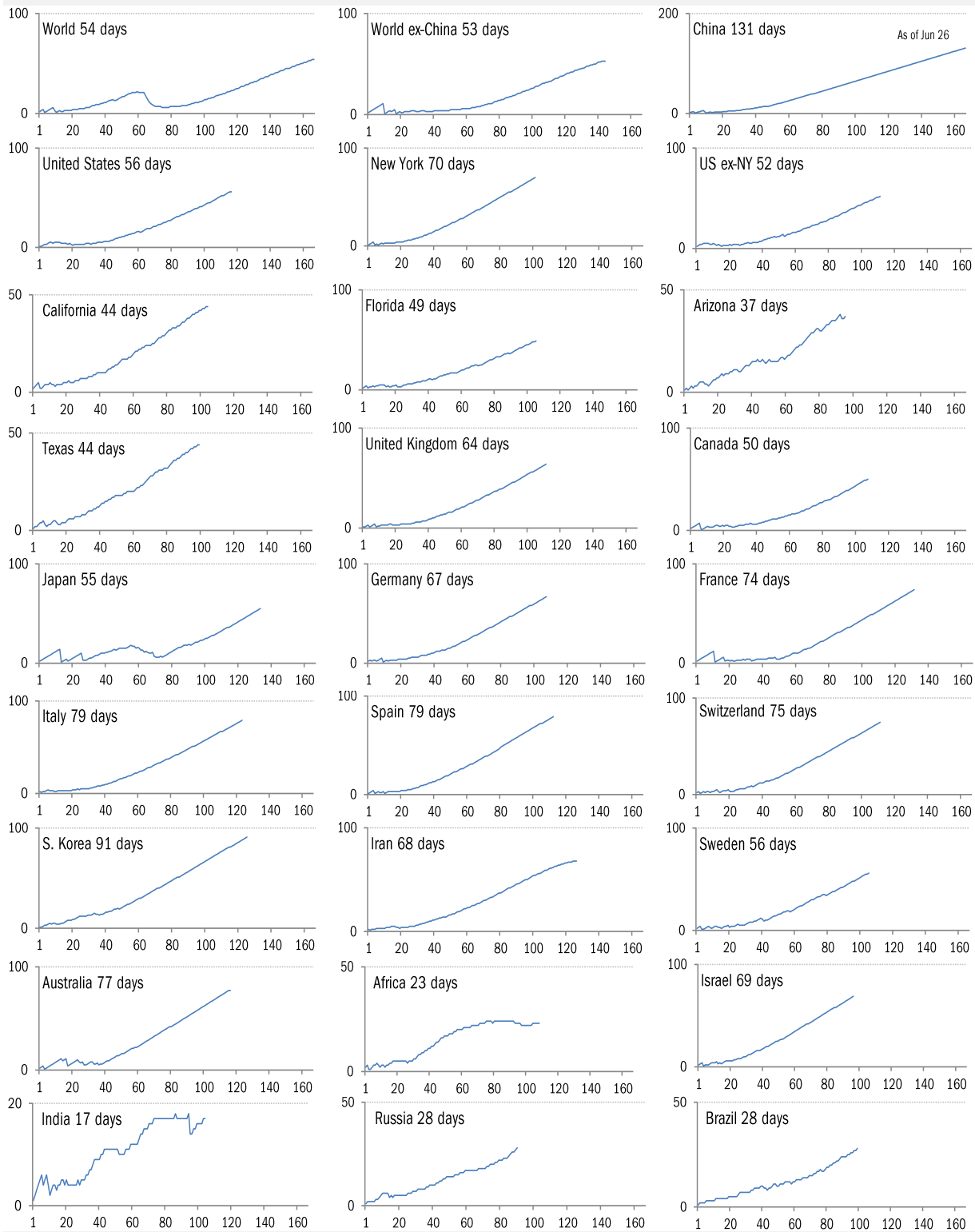
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

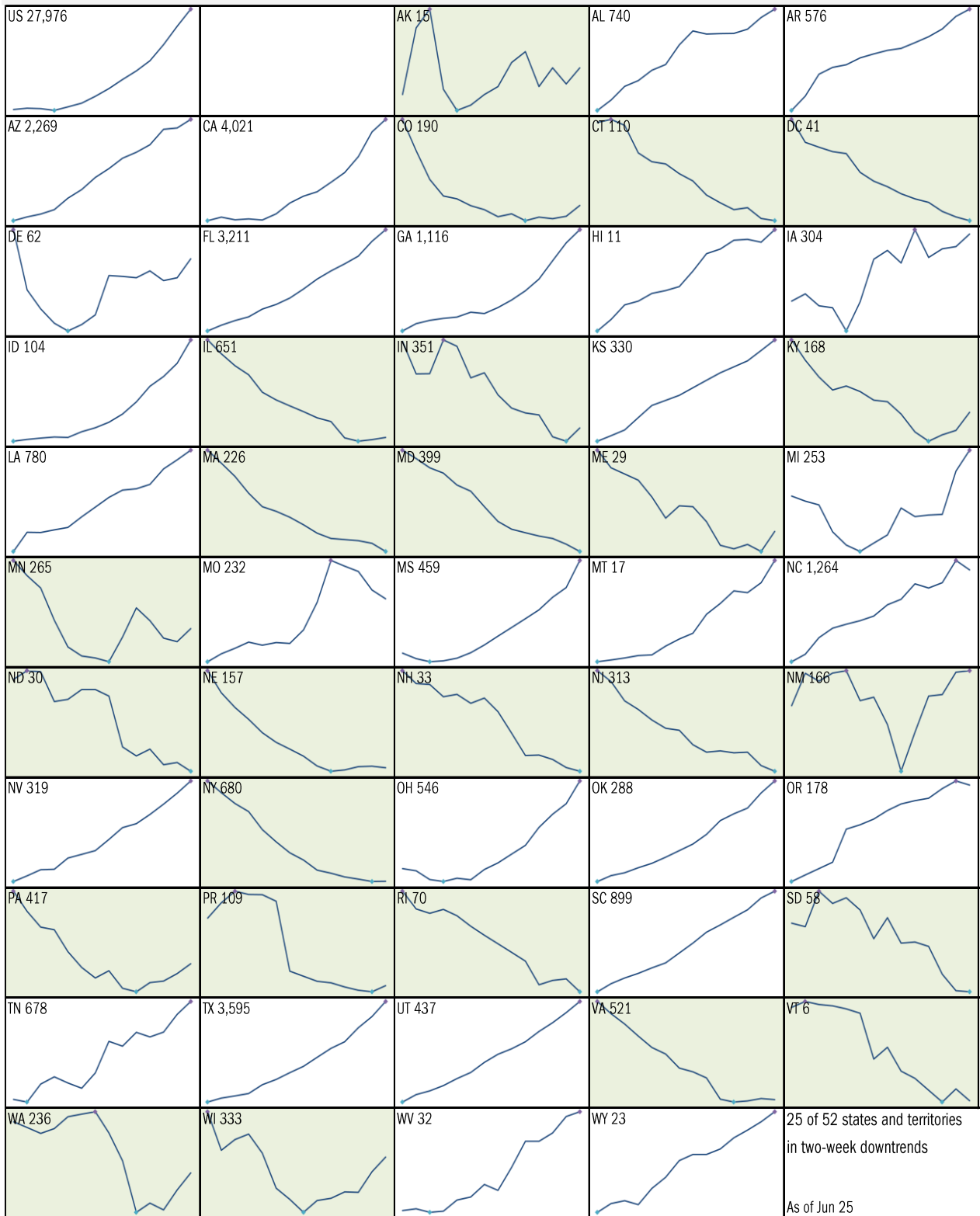
Our most reliable evidence of slowing exponential growth of Covid-2019

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



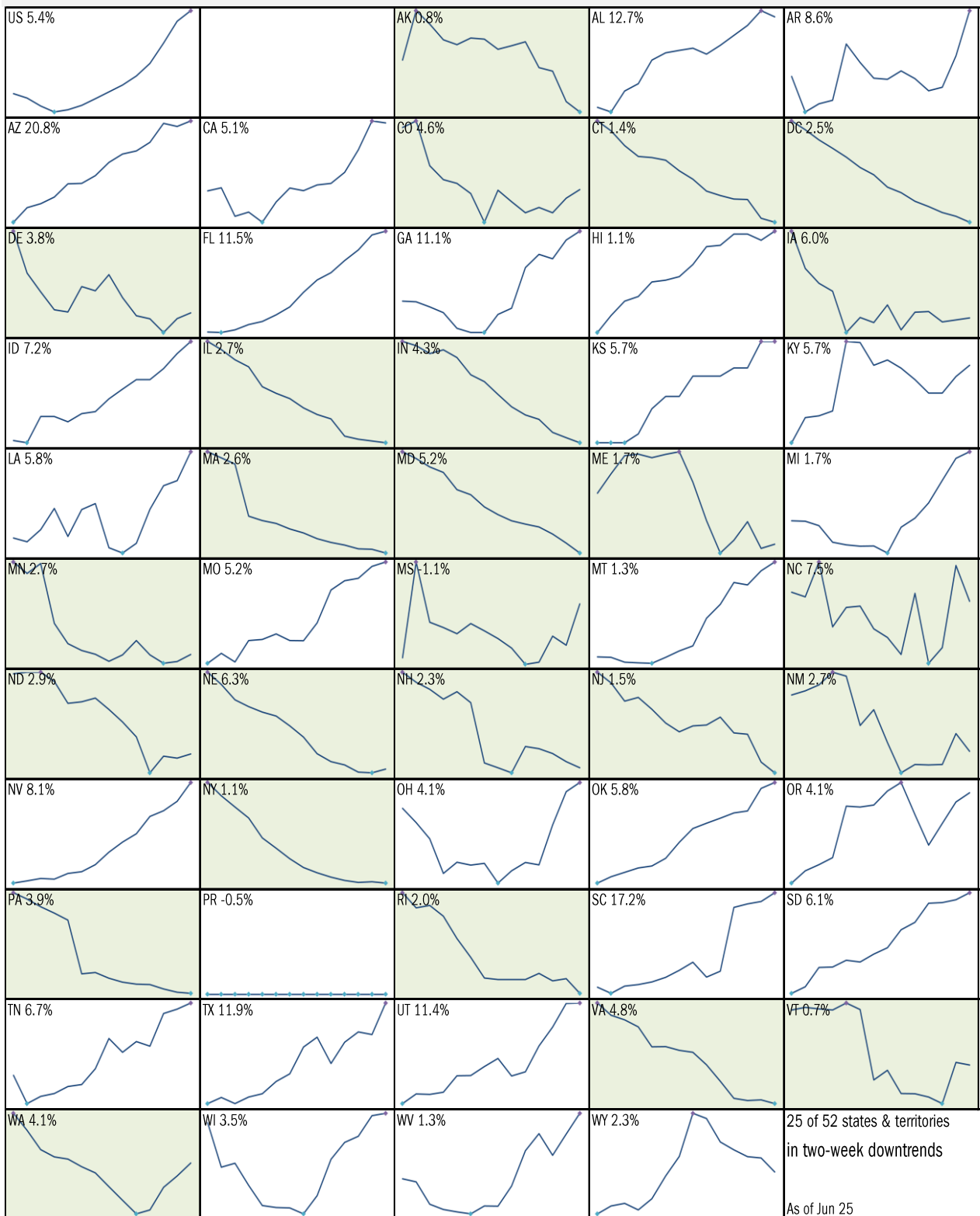
Source: [ECDC](#), TrendMacro calculations

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



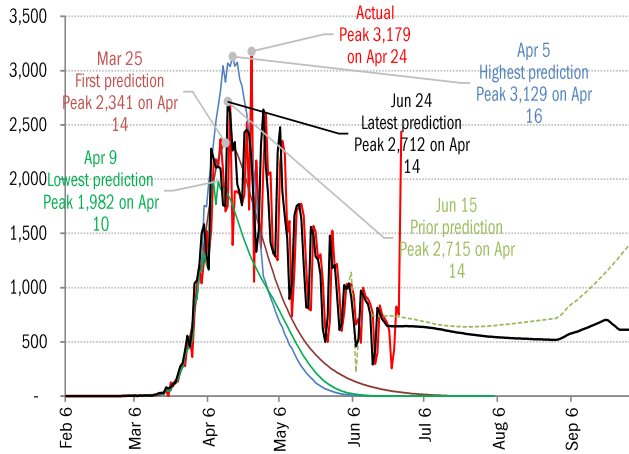
Source: [Covid Tracking Project](#), TrendMacro calculations

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

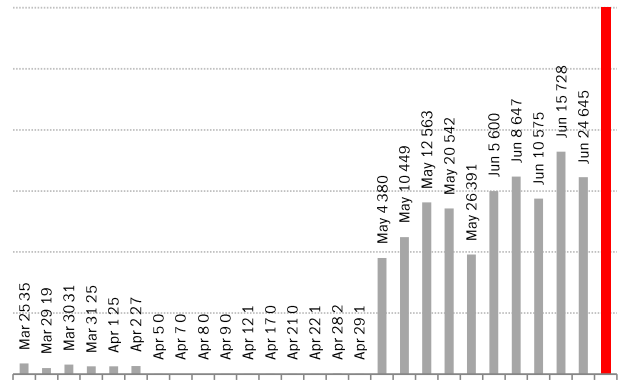
New daily fatalities

As of Jun 26

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

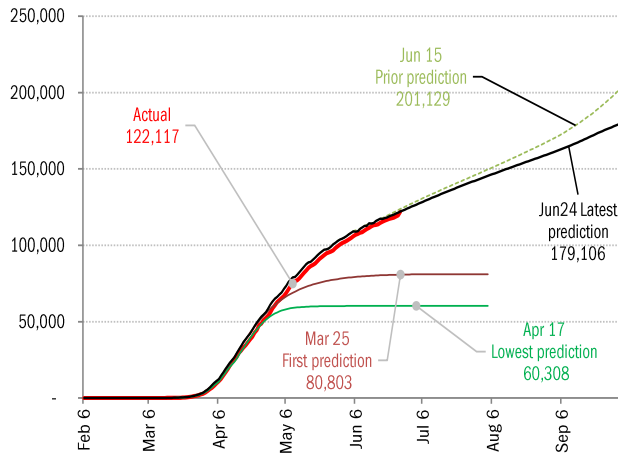


For this day, versus all model mean predictions

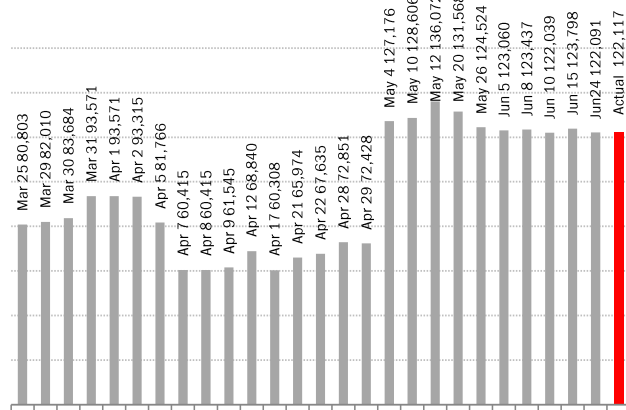


Cumulative fatalities

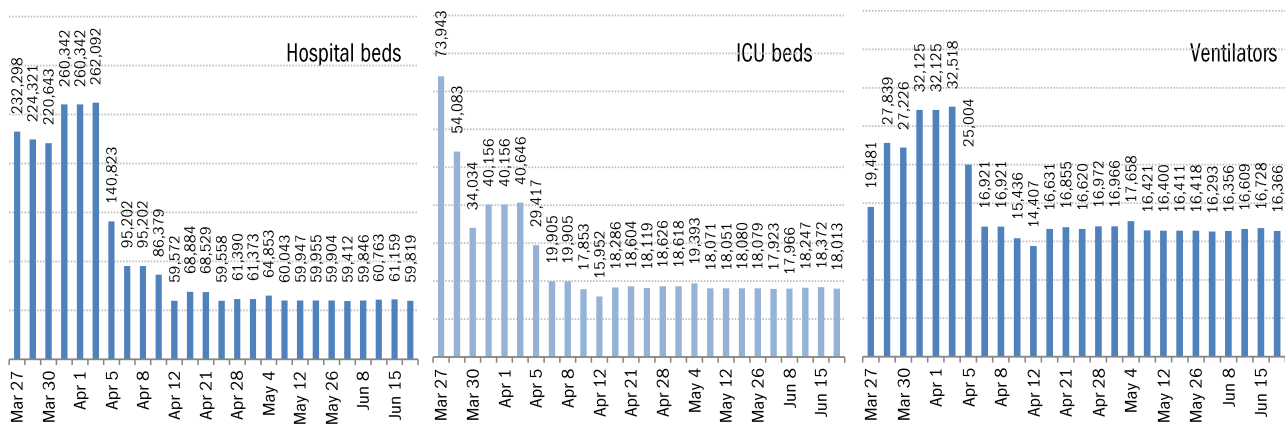
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

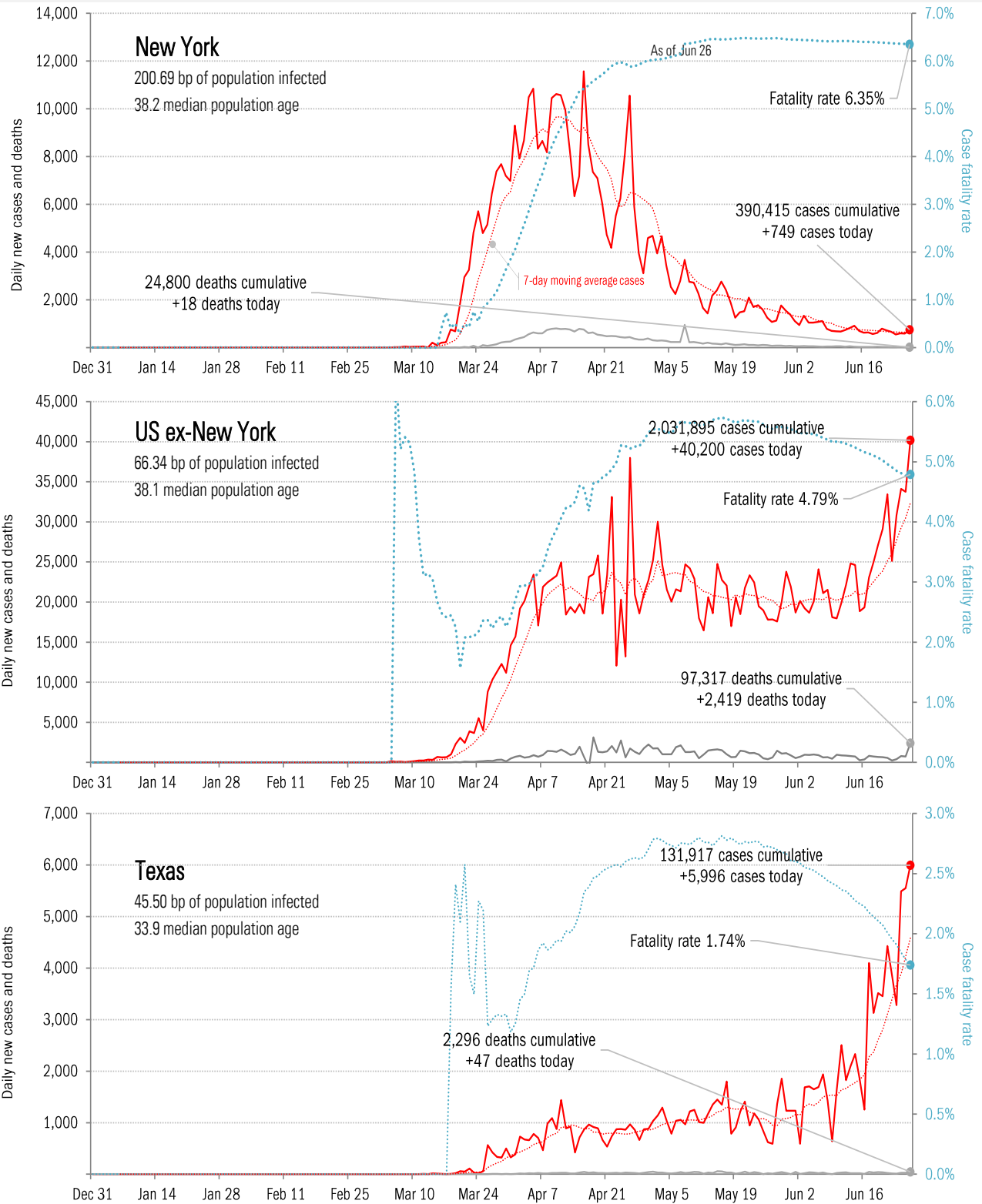


Healthcare system stress, peak estimated at each model revision



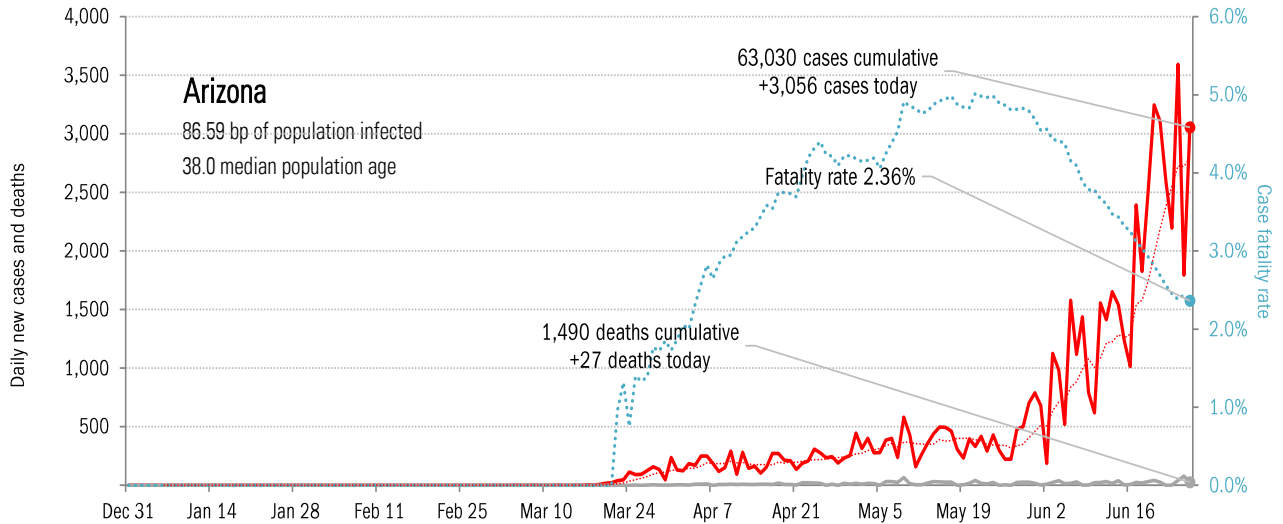
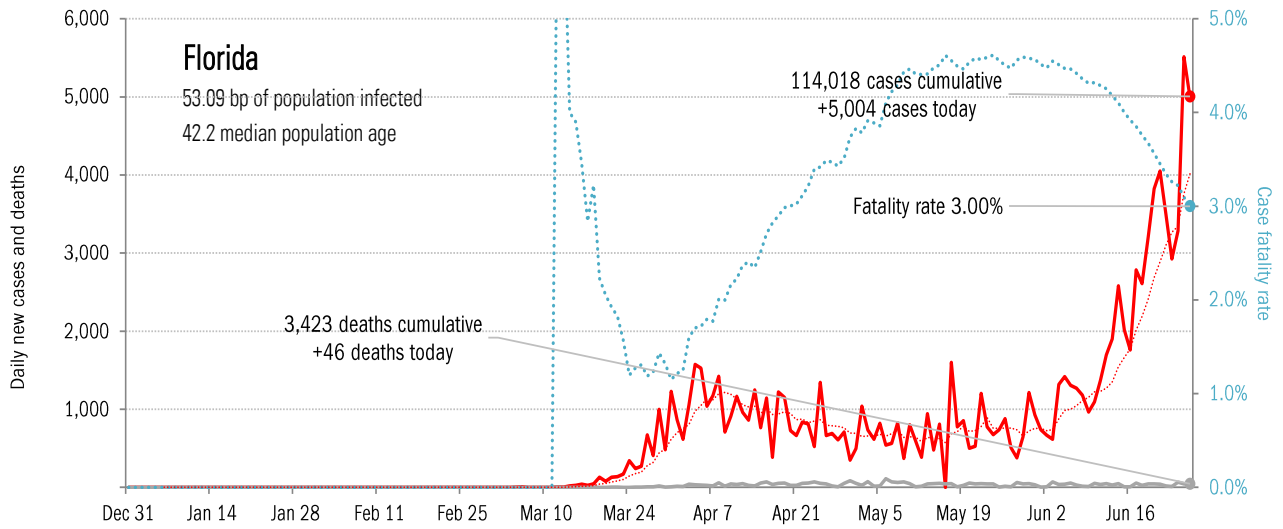
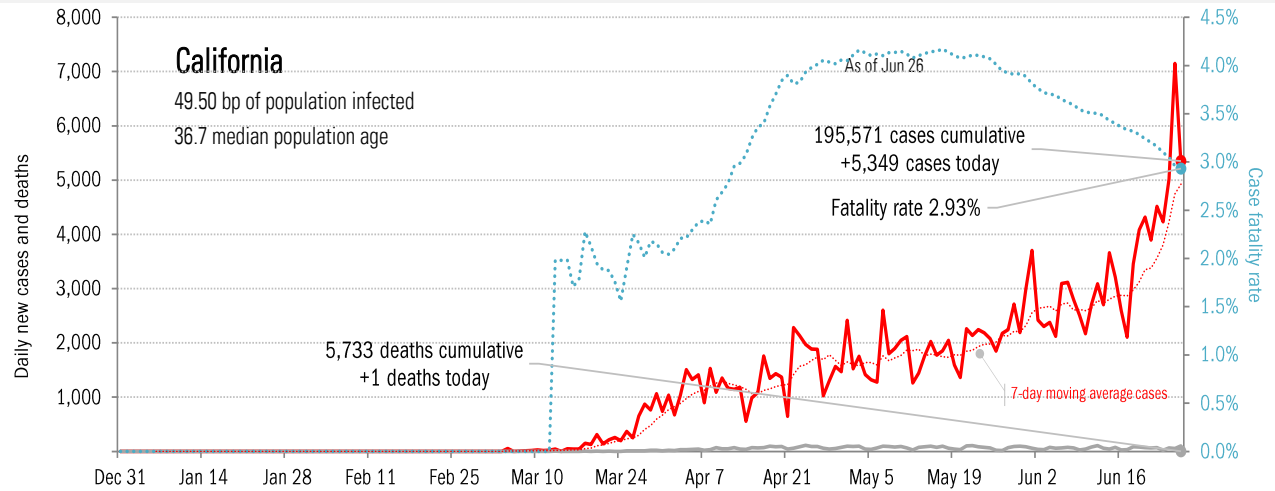
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



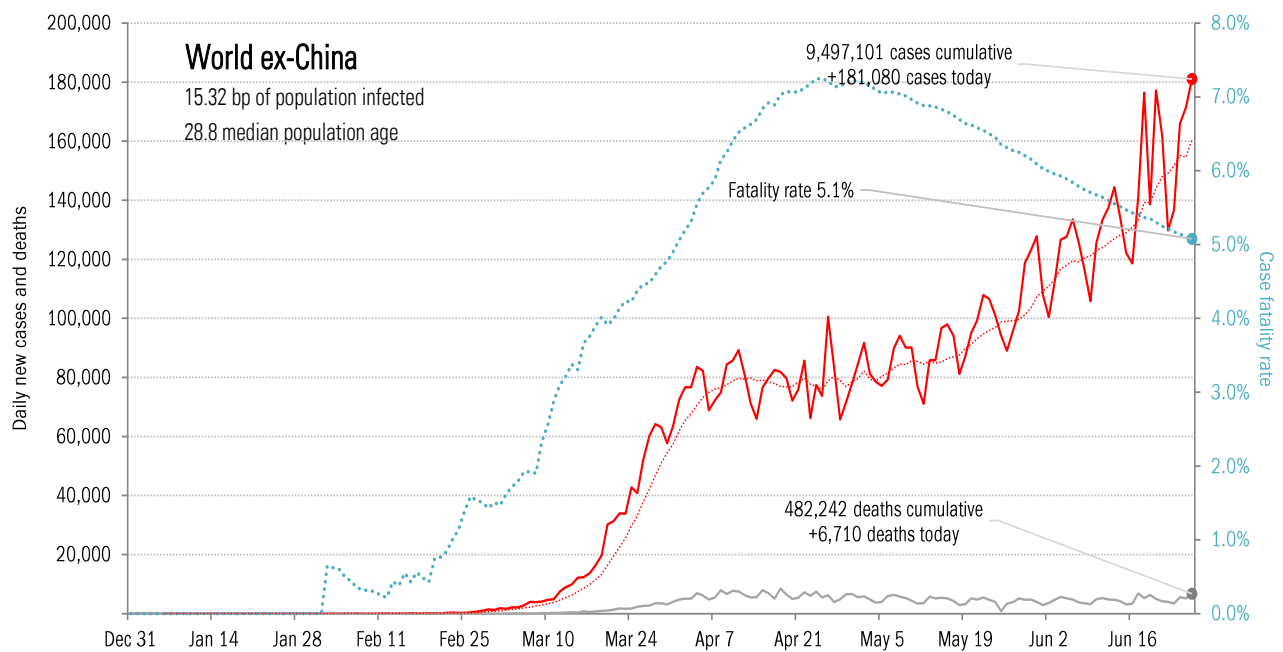
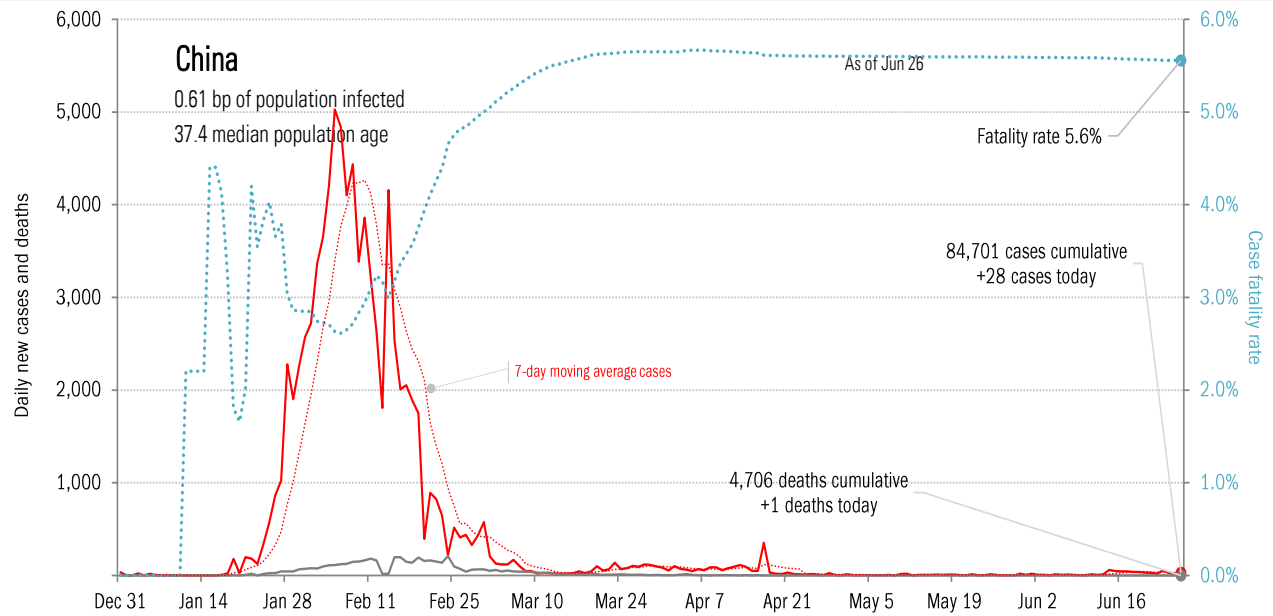
Source: [ECDC](#), TrendMacro calculations

The "second wave" states (other than Texas)



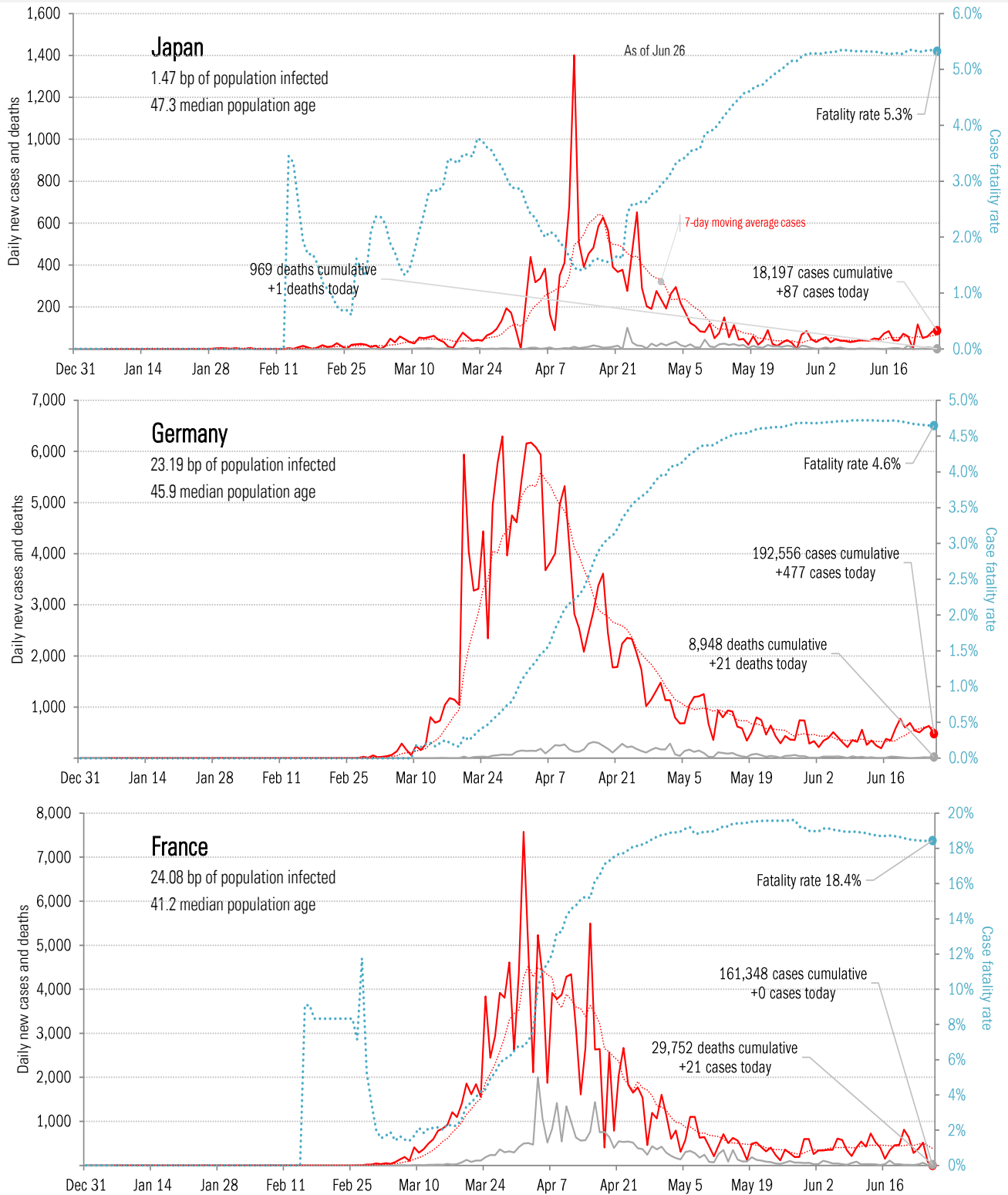
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



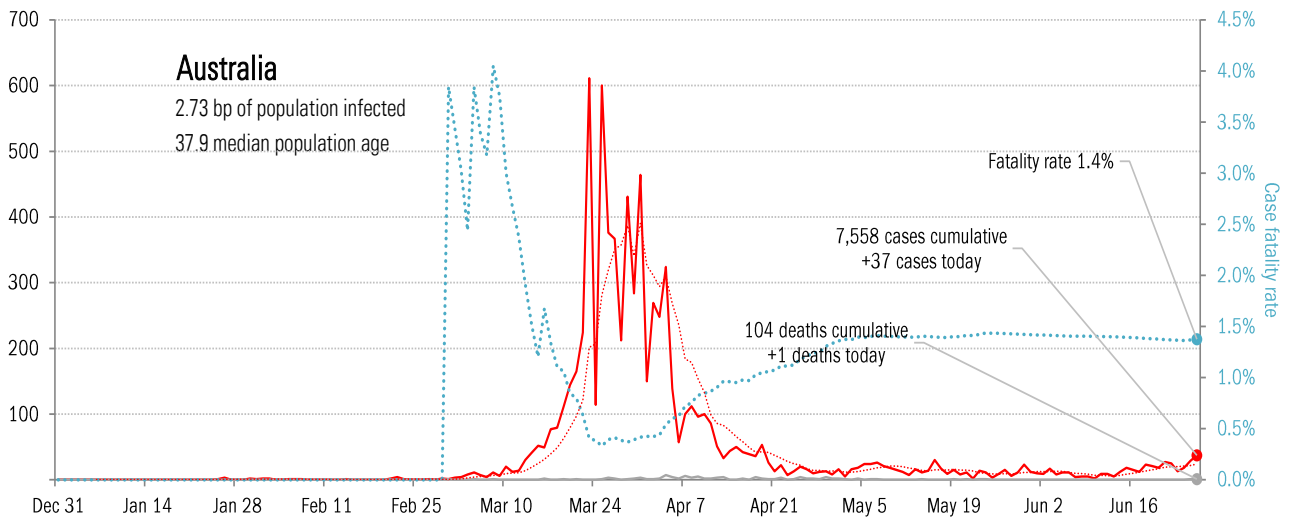
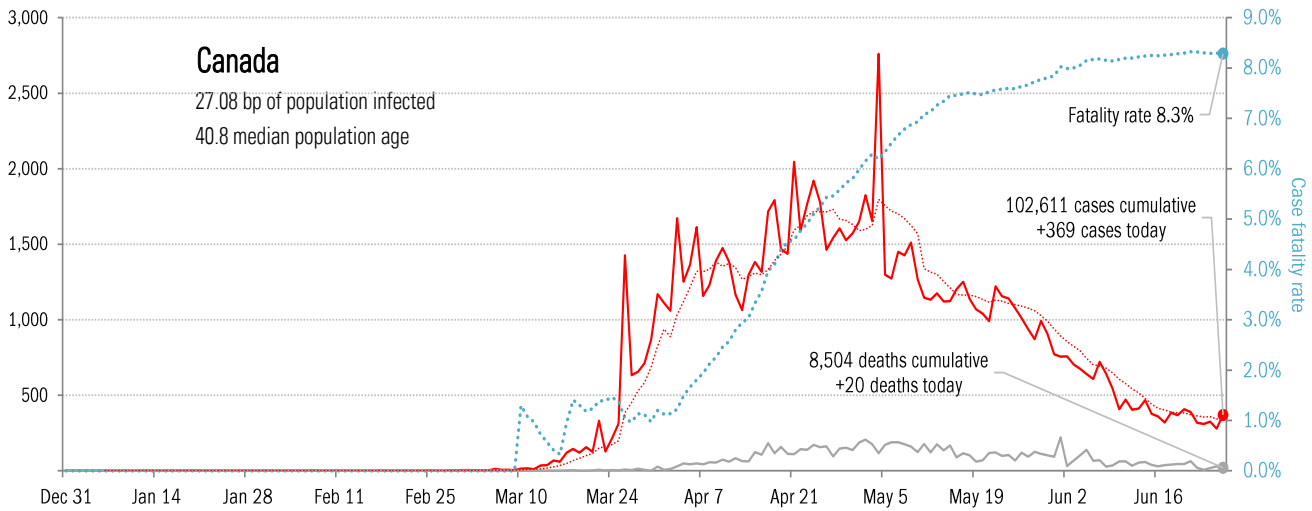
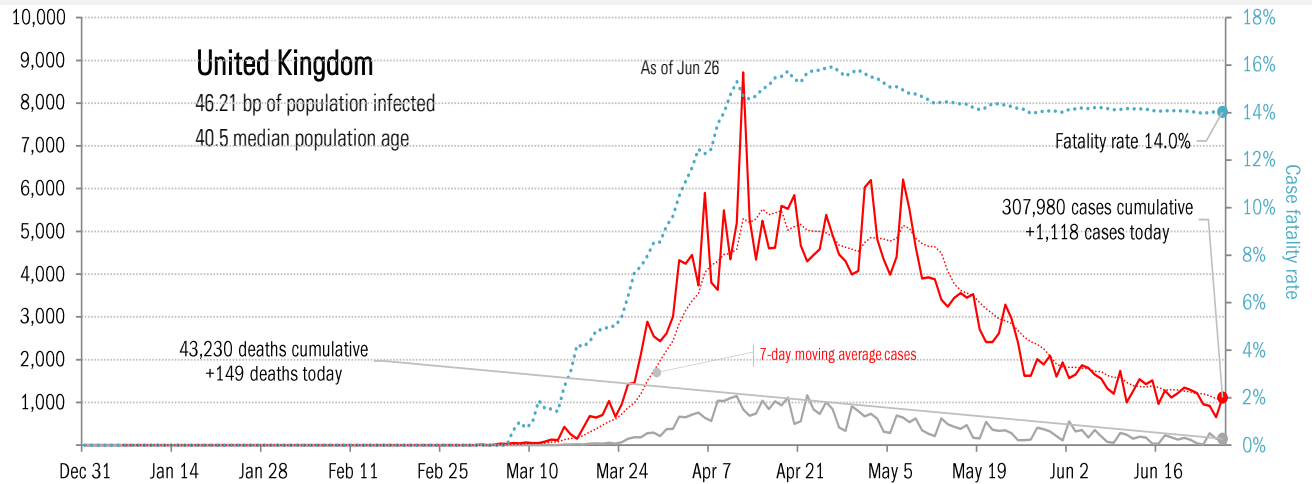
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



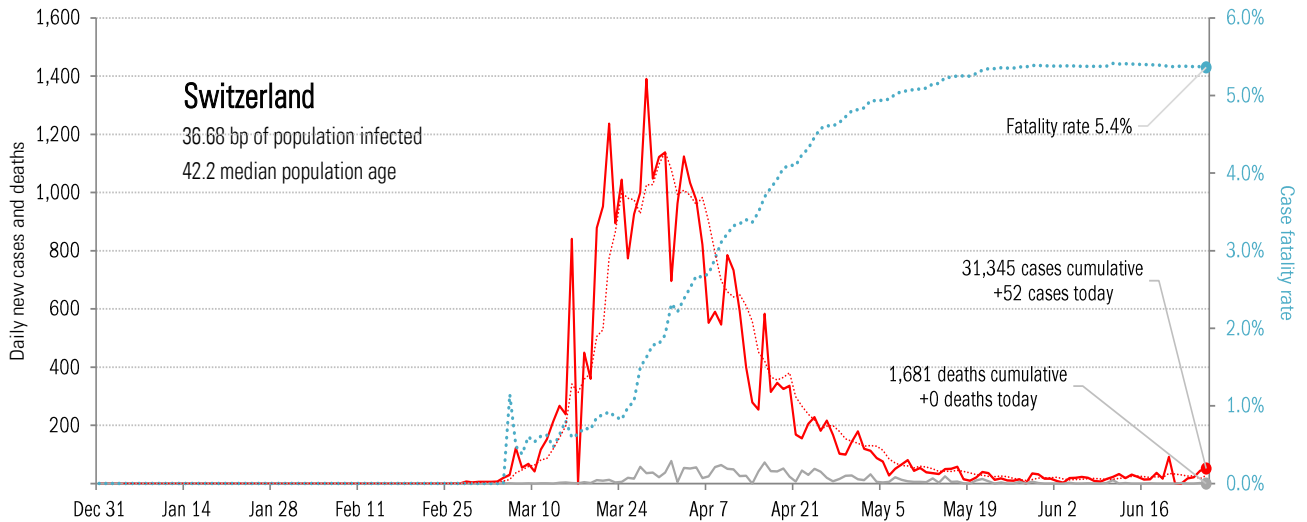
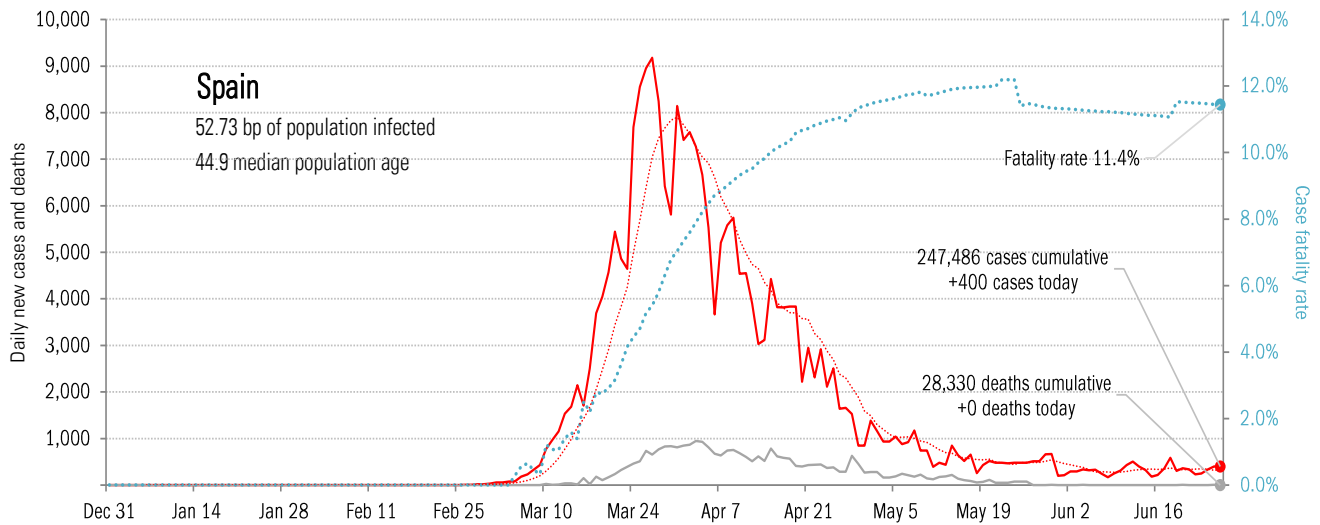
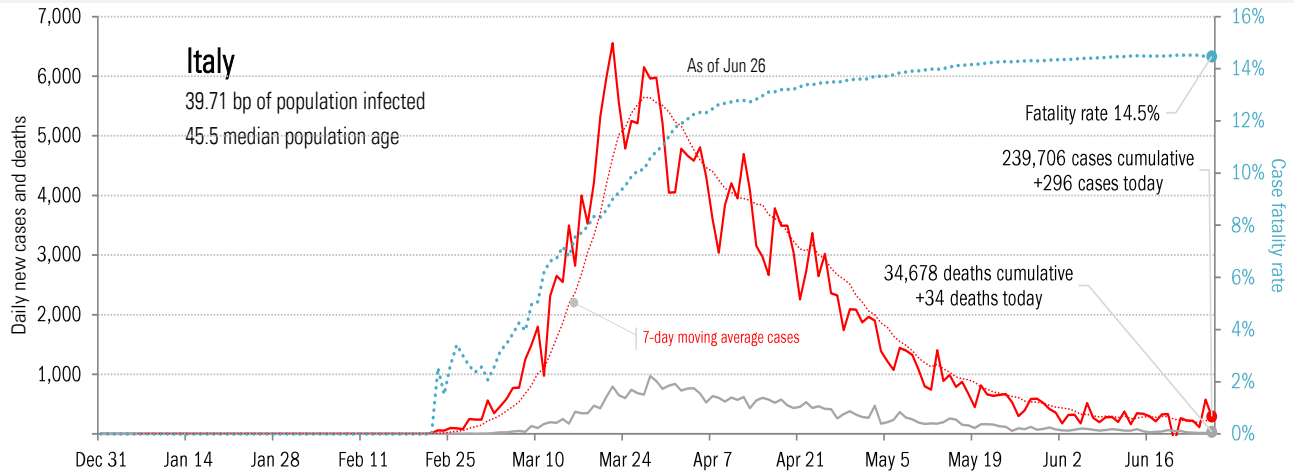
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



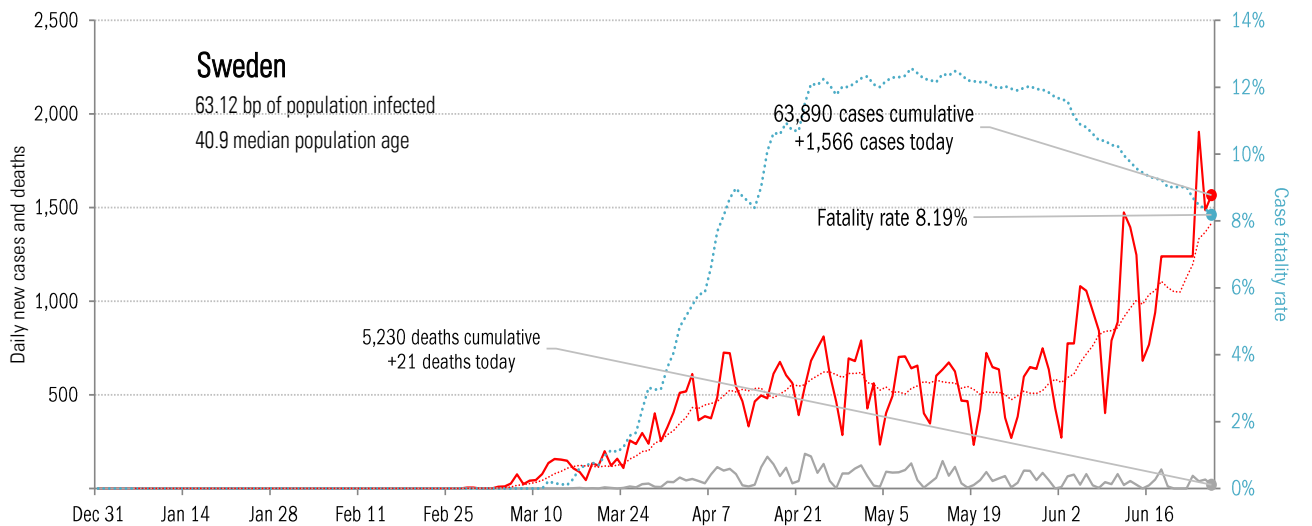
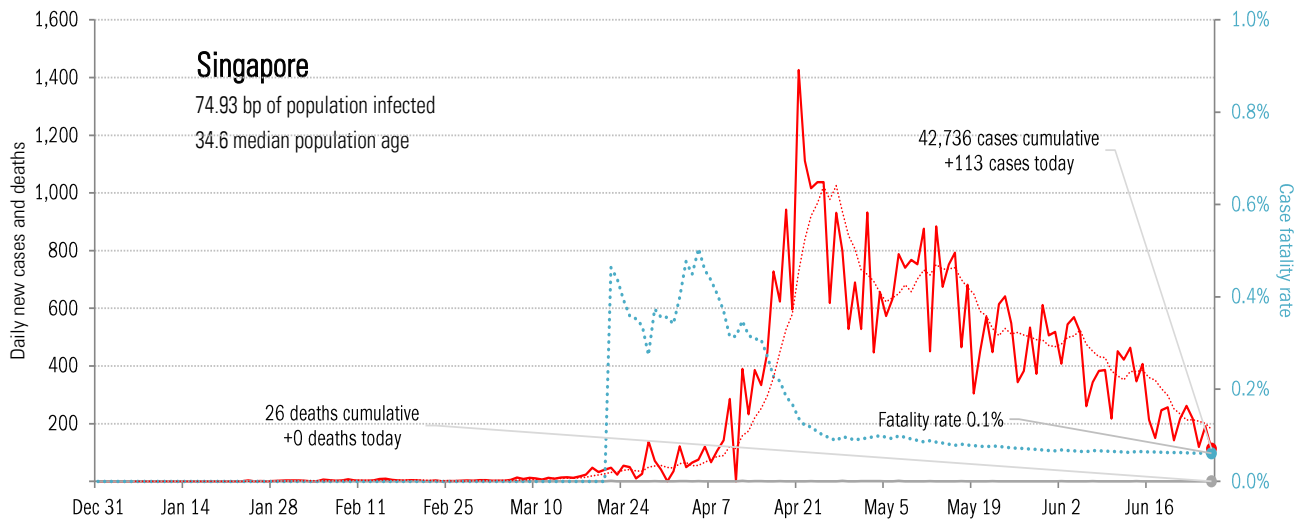
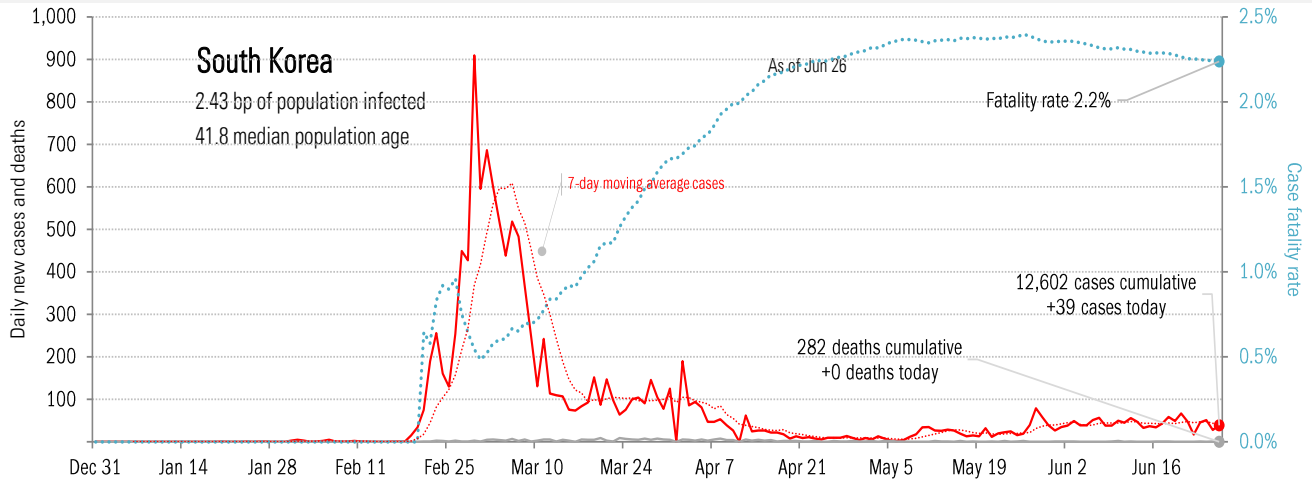
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



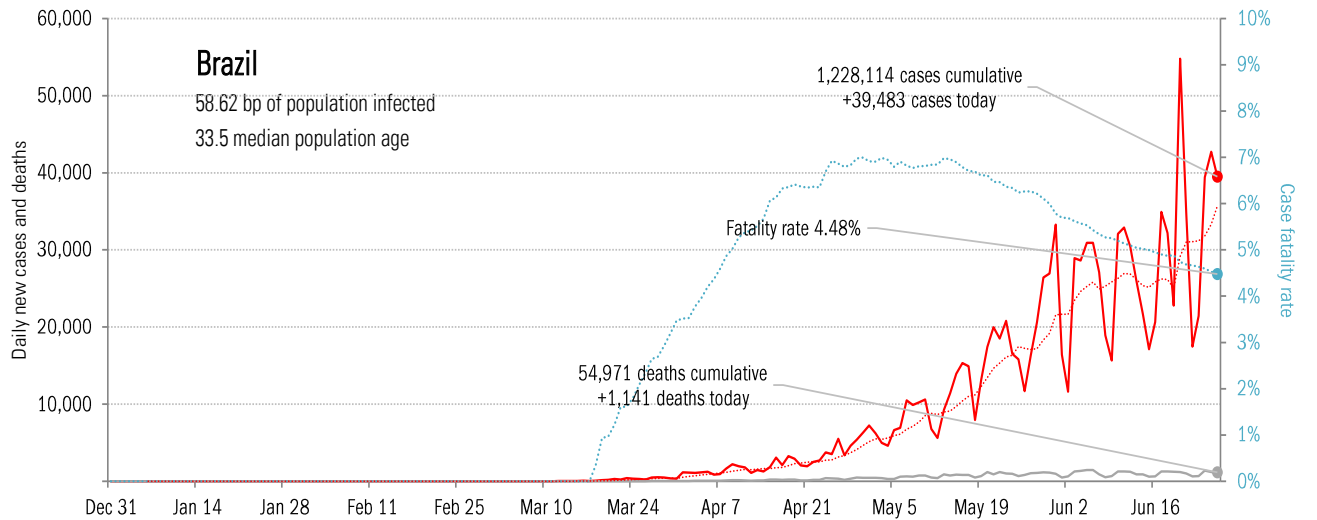
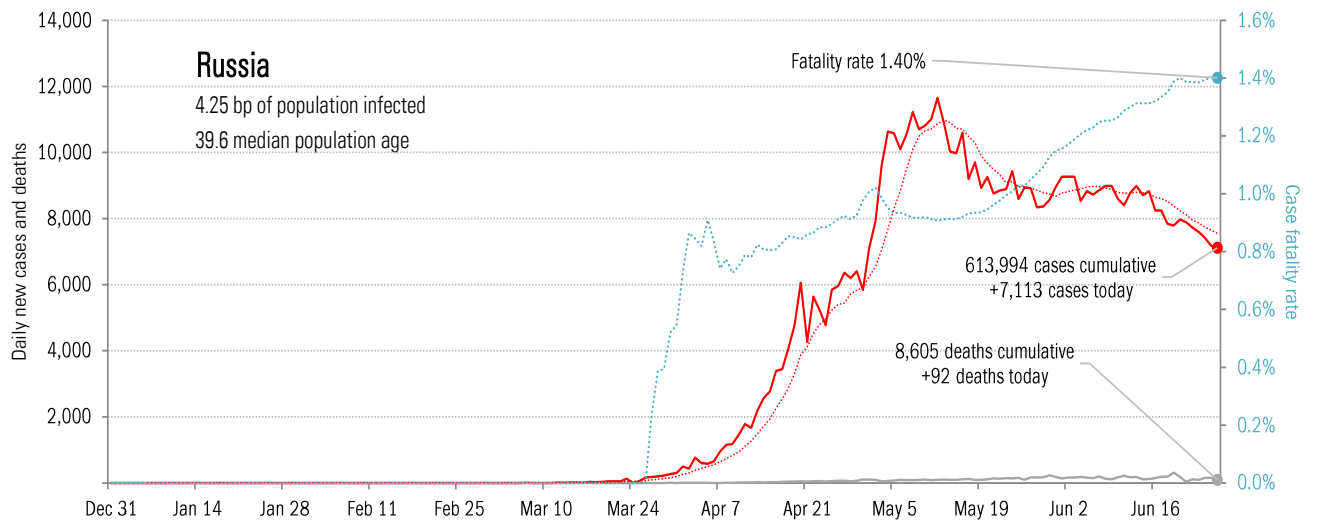
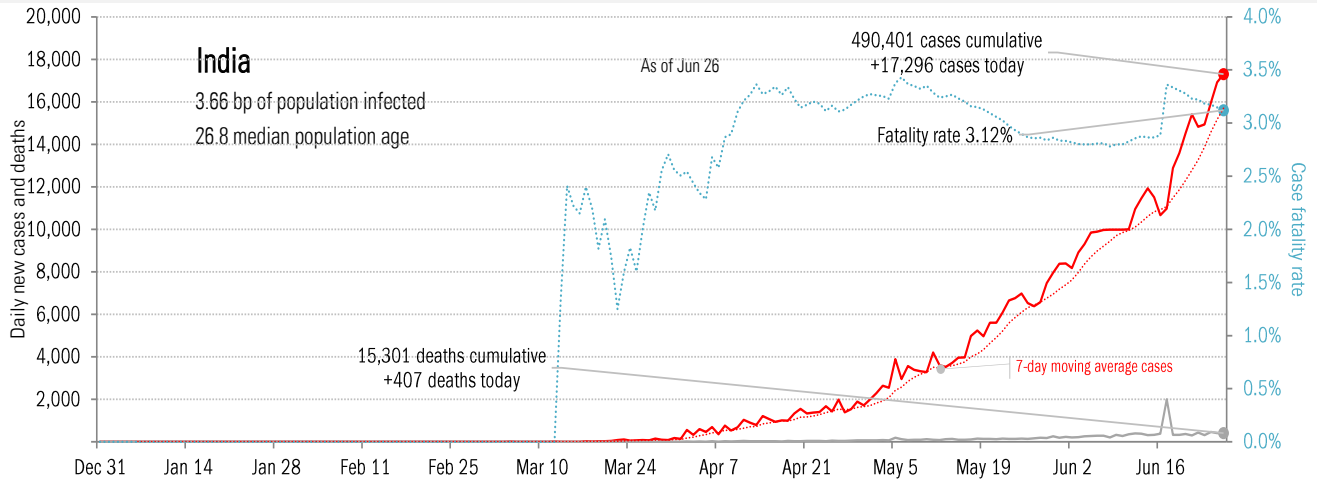
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



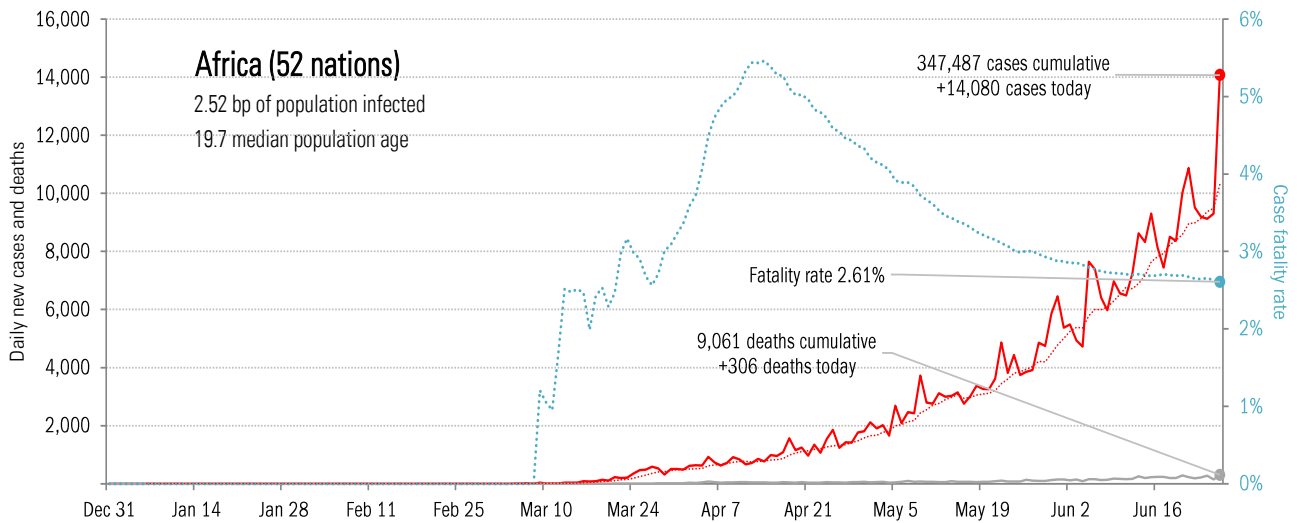
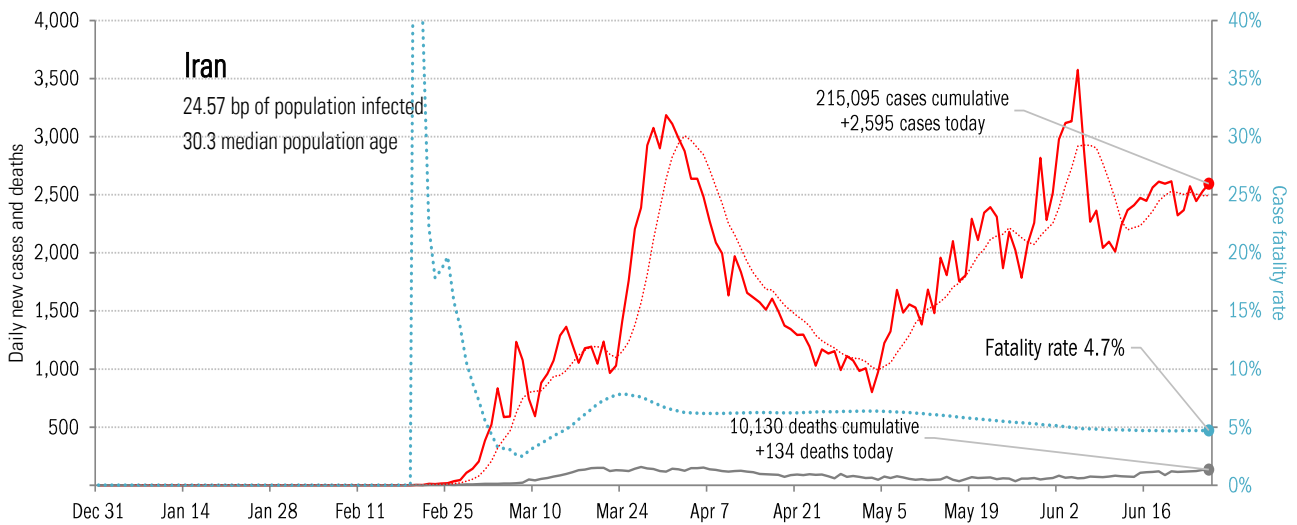
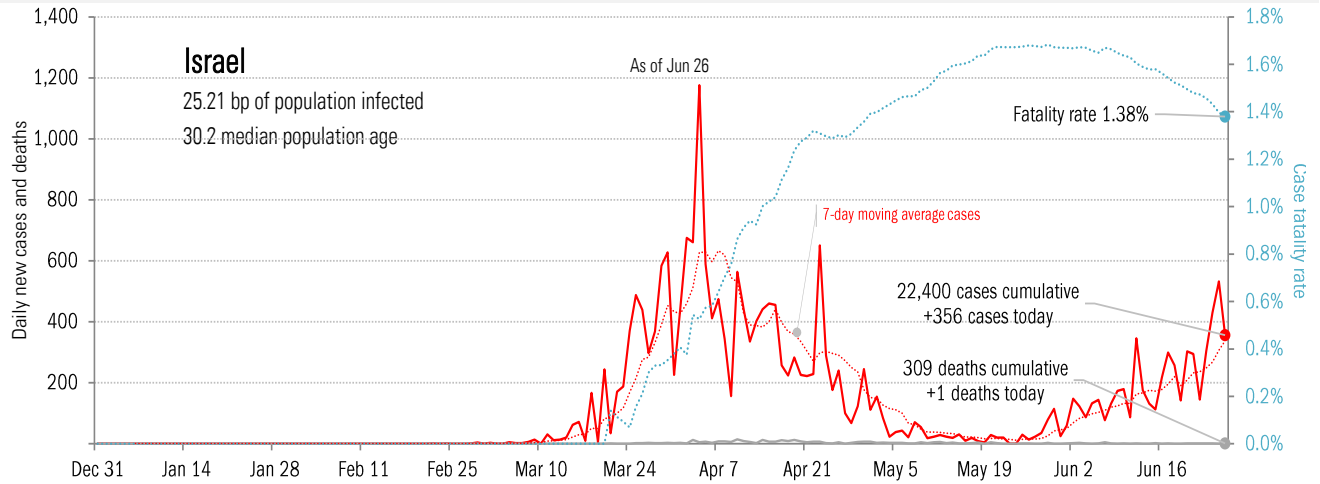
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations