

Data Insights: Covid-2019 Monitor

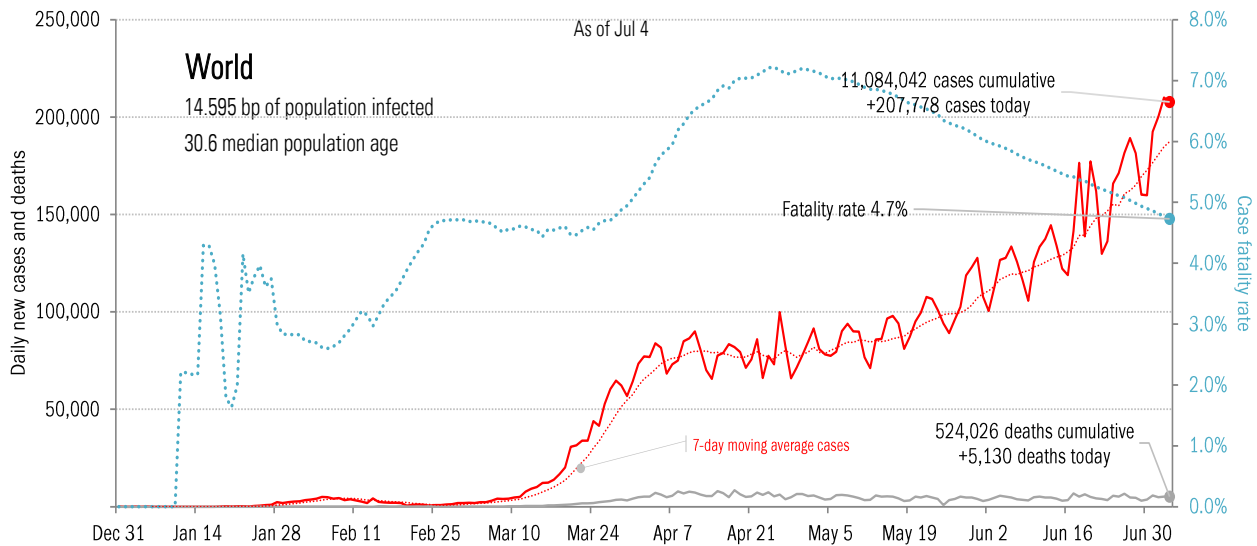
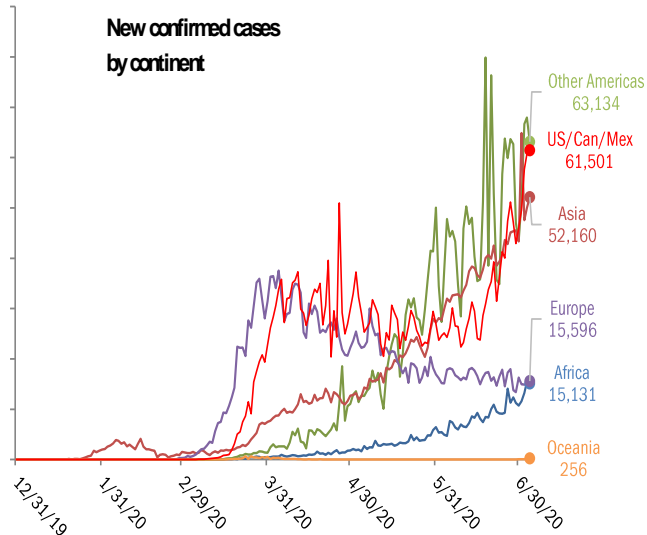
Saturday, July 4, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+54,442	Brazil	+1,290
Brazil	+42,223	US	+694
India	+22,771	Mexico	+654
South_Africa	+9,063	India	+442
Mexico	+6,740	Peru	+181
Russia	+6,718	Russia	+176
Saudi	+4,193	Iran	+154
Peru	+3,595	Colombia	+136
Chile	+3,548	UK	+136
Colombia	+3,395	Chile	+131
+156,688		+3,994	
World	+207,778	World	+5,130
Top ten	75%	Top ten	78%

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

Donald Luskin: 312 273 6766 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

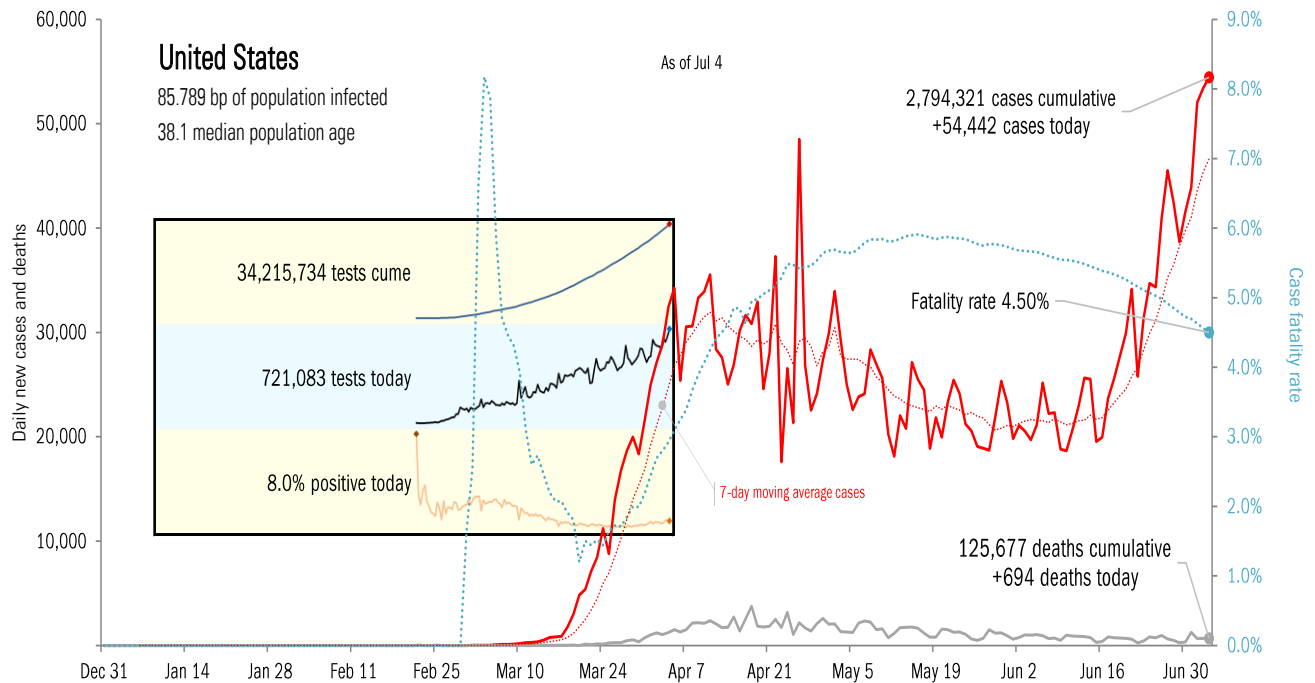
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
FL	+9,488	CA	+100	FL	+341	NY	395,872	NY	24,885	NY	89,995
CA	+8,040	FL	+67	CH	+173	CA	248,235	NJ	15,164	NJ	20,214
TX	+7,555	NJ	+57	GA	+153	TX	183,532	MA	8,149	FL	15,795
AZ	+4,433	TX	+50	VA	+145	FL	178,594	IL	7,215	GA	11,653
GA	+2,784	PA	+34	AZ	+102	NJ	172,742	PA	6,746	MA	11,436
CH	+2,392	AZ	+31	NJ	+73	IL	146,872	CA	6,263	MD	10,973
NC	+2,099	VA	+29	TN	+50	MA	109,628	MI	6,215	CT	10,411
SC	+1,831	IL	+27	AL	+48	AZ	91,858	CT	4,335	VA	9,529
TN	+1,822	CH	+27	OK	+46	GA	90,493	FL	3,785	CH	8,084
AL	+1,754	LA	+23	MA	+44	PA	88,741	LA	3,278	IN	7,175
+42,198		+445		+1,175		1,706,567		86,035		195,265	
All states	+57,562	All states	+635	All states	+1,562	All states	2,786,059	All states	122,158	All states	247,284
Top ten	73%	Top ten	70%	Top ten	75%	Top ten	61%	Top ten	70%	Top ten	79%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
MS	-870	MA	-34	VA	-216	TX	+2,852
GA	-688	PA	-29	CT	-143	SC	+1,523
FL	-621	NC	-17	GA	-72	TN	+653
IA	-538	GA	-15	MS	-31	PA	+520
OR	-363	MI	-11	KS	-19	WI	+516



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

Recommended reading

[An Observational Cohort Study of Hydroxychloroquine and Azithromycin for COVID-19: \(Can't Get No Satisfaction\)](#)

Todd C. Lee et al.
International Journal of Infectious Diseases
 July 2, 2020

[Hydroxychloroquine Given Early Helped Coronavirus Patients, Study Finds](#)

Jared S. Hopkins
Wall Street Journal
 July 2, 2020

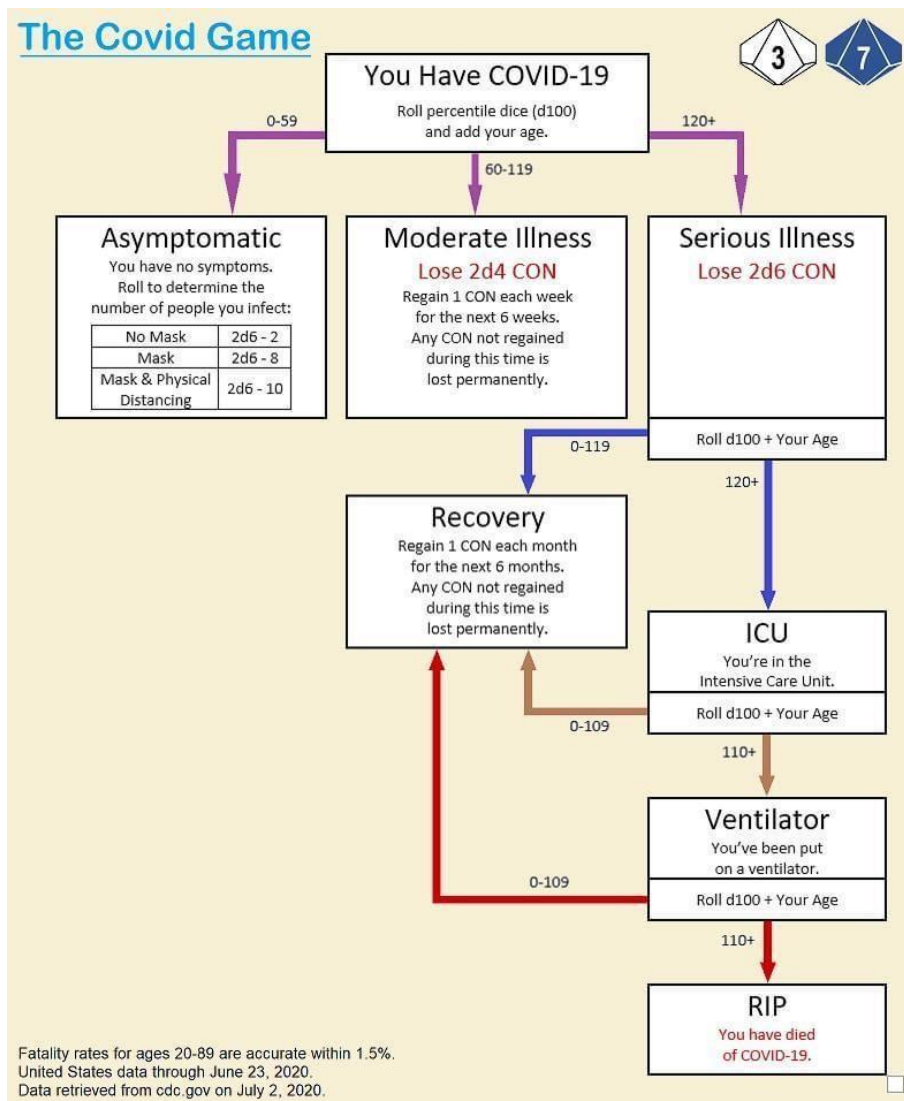
[The Swine Flu Virus in China That Has People Worried](#)

Bloomberg
 July 2, 2020

[Commercial Laboratory Seroprevalence Survey Data](#)

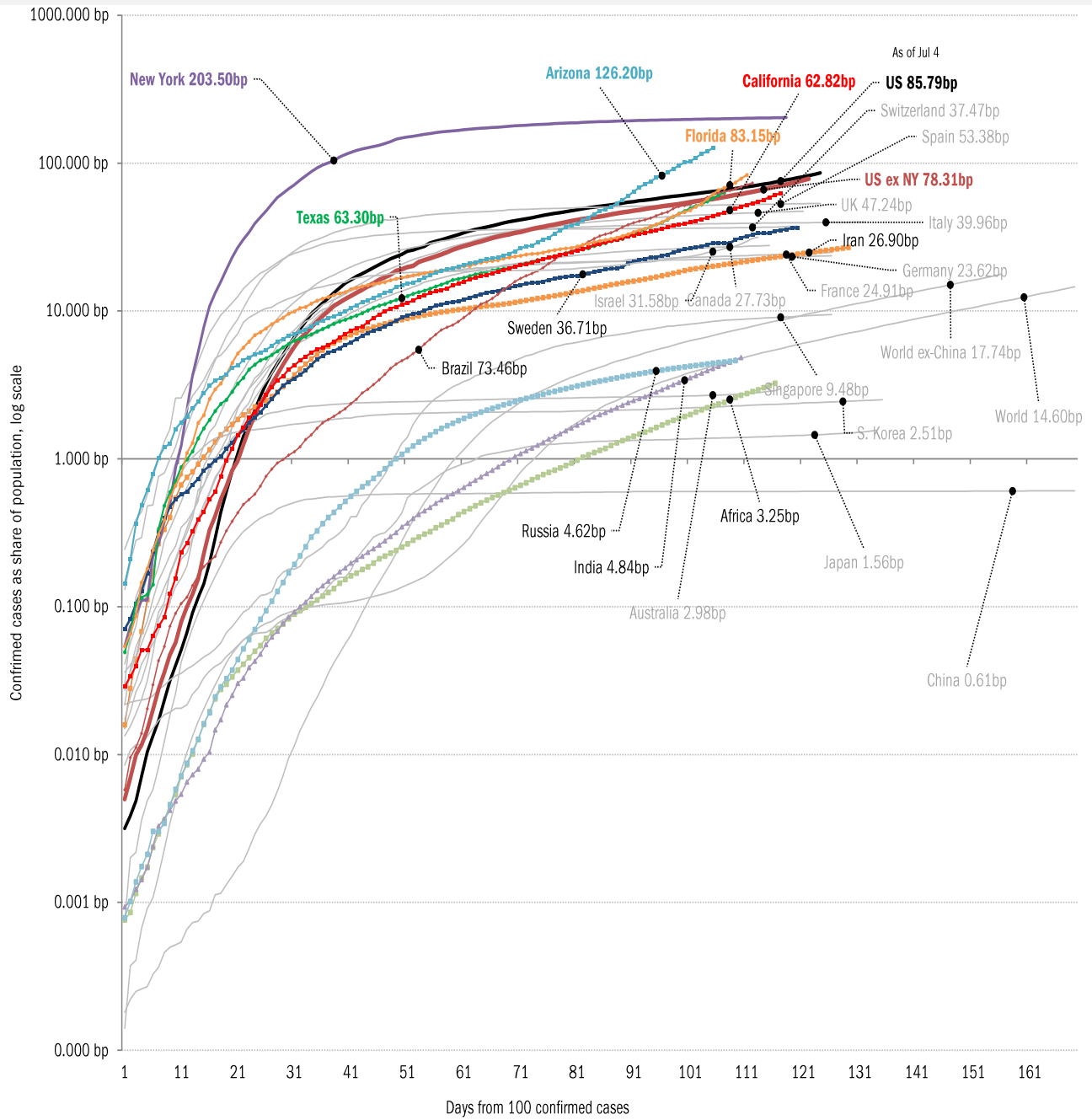
Centers for Disease Control
 June 26, 2020

Meme of the day



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

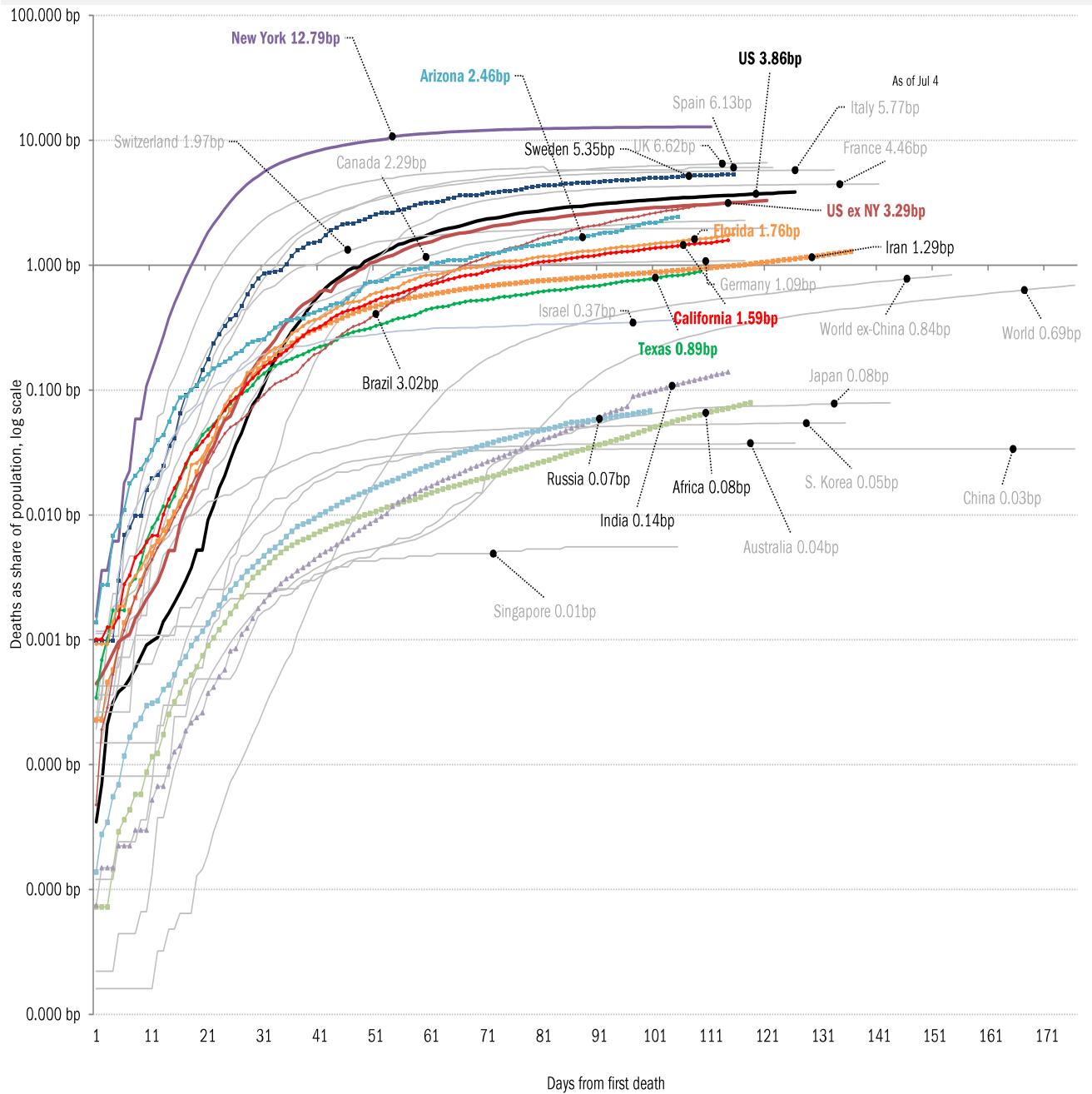
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

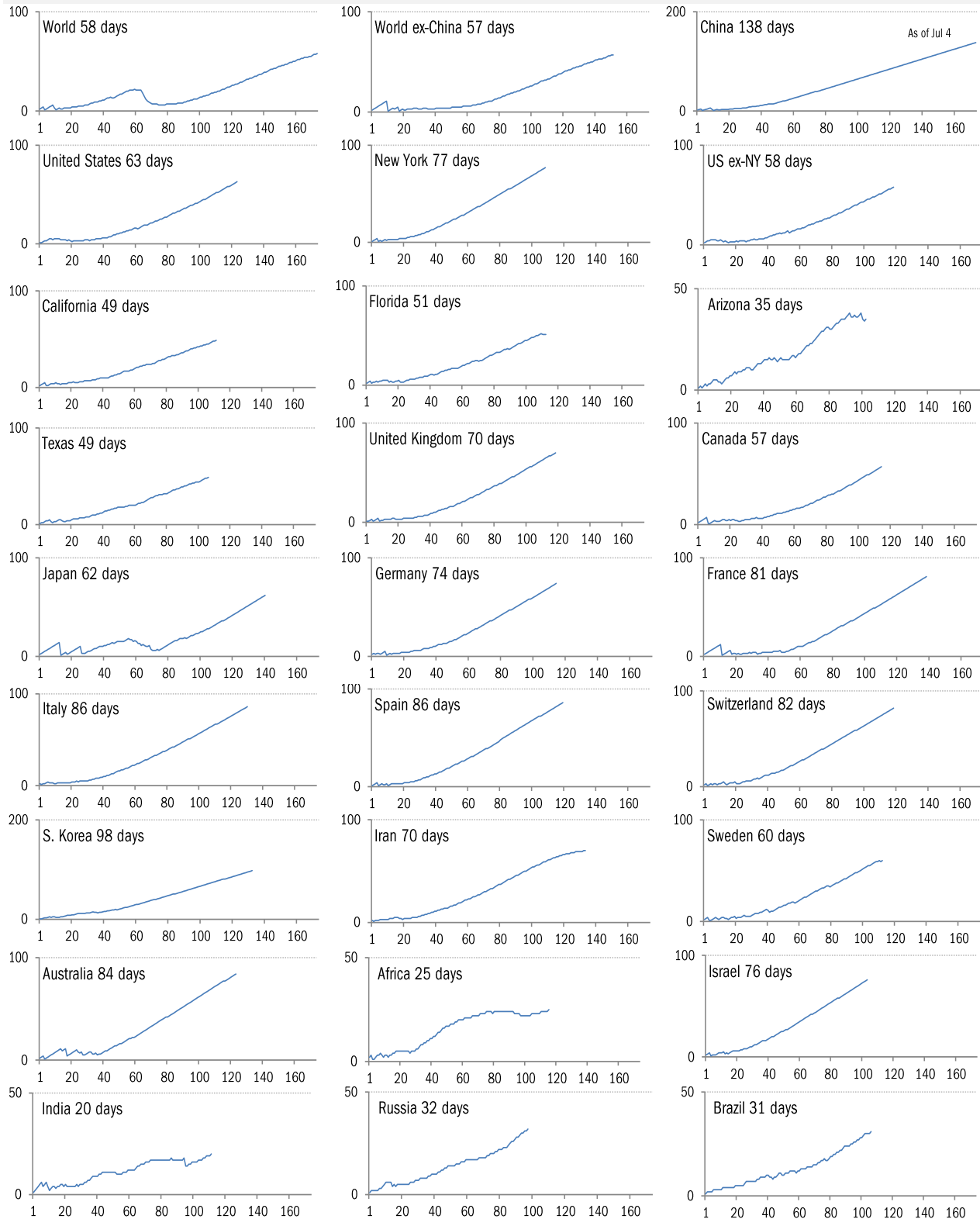
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

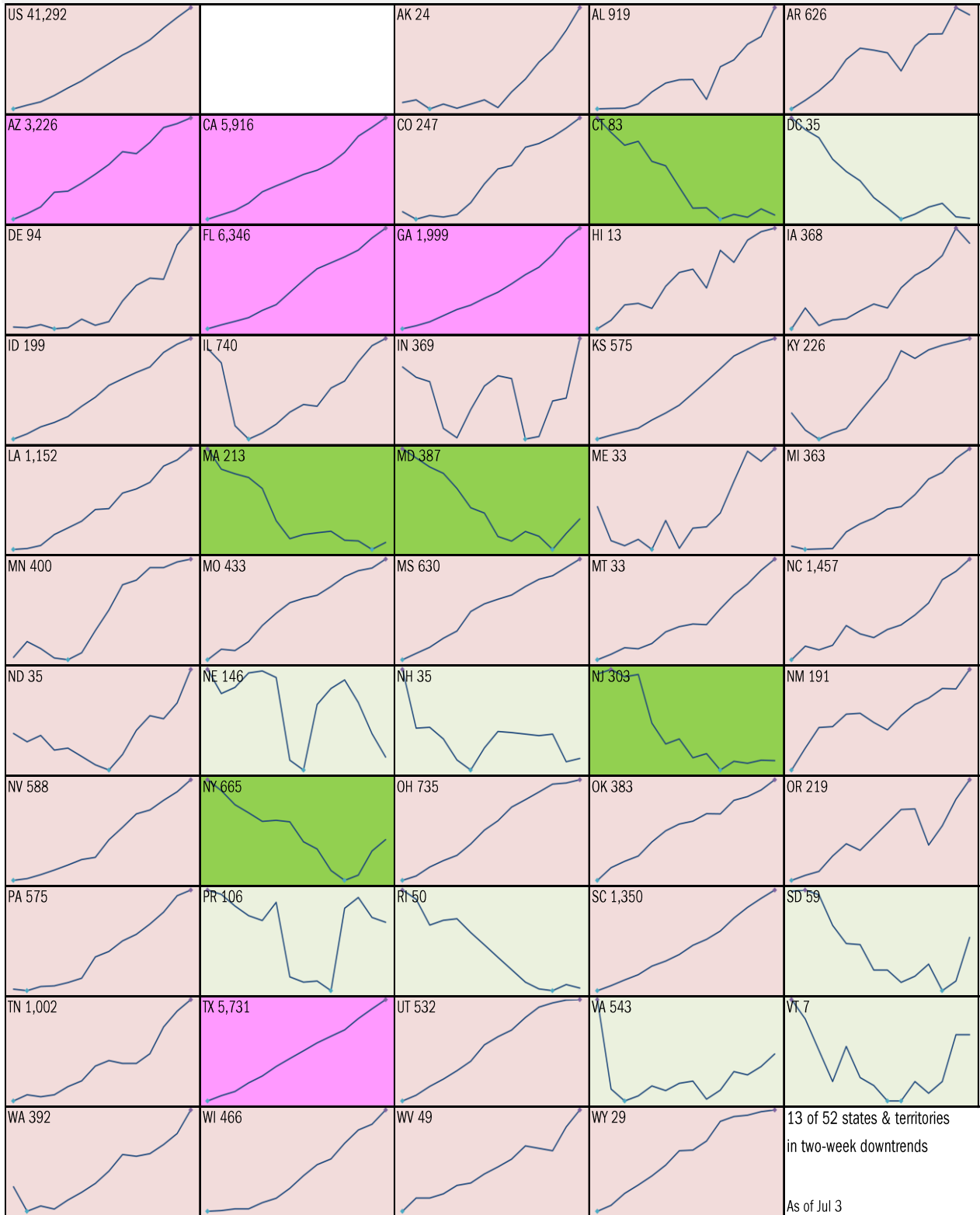
Our most reliable evidence of slowing exponential growth of Covid-2019

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
 ■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst

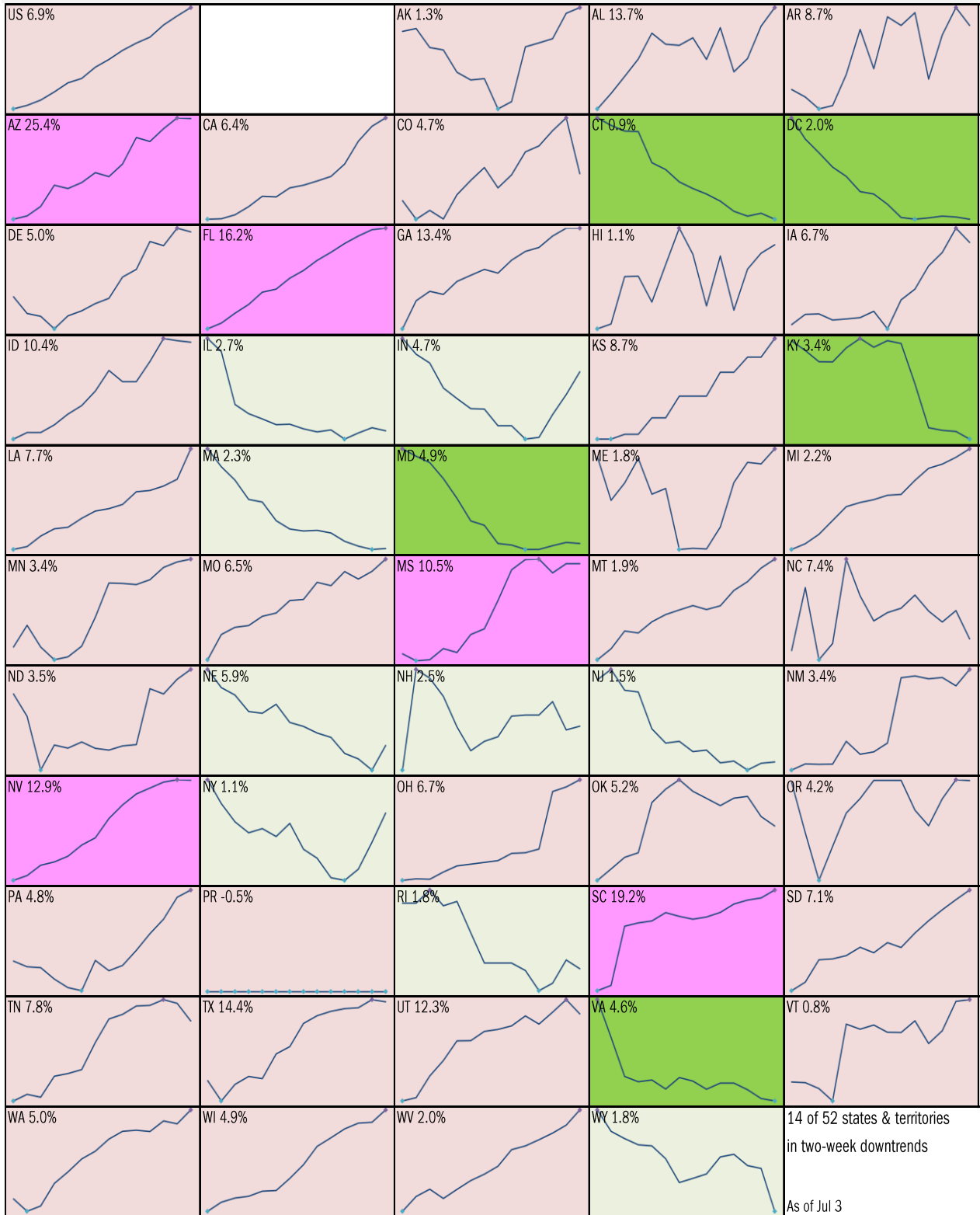


Source: [Covid Tracking Project](#), TrendMacro calculations

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

■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



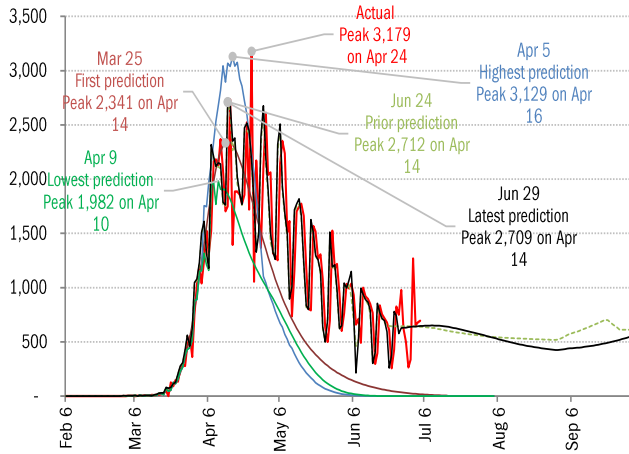
Source: [Covid Tracking Project](#), TrendMacro calculations

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

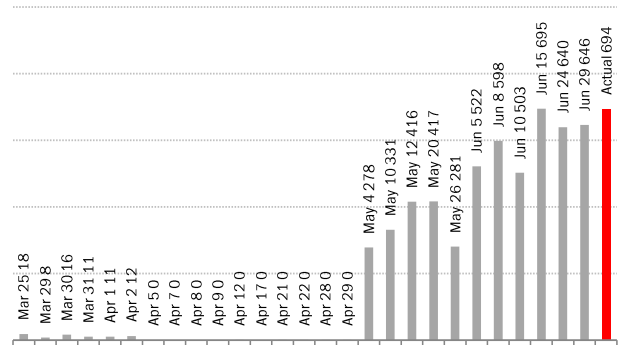
New daily fatalities

As of Jul 4

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

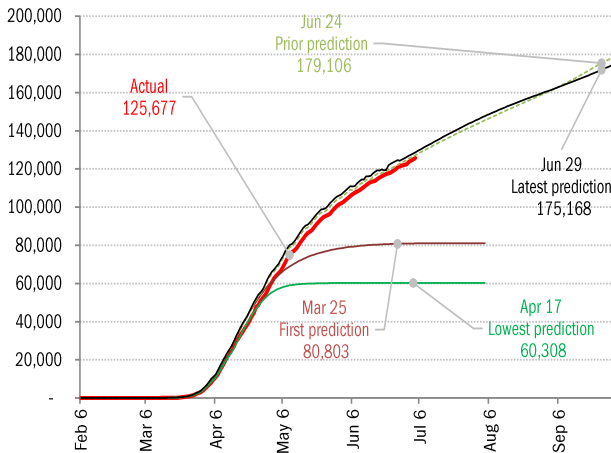


For this day, versus all model mean predictions

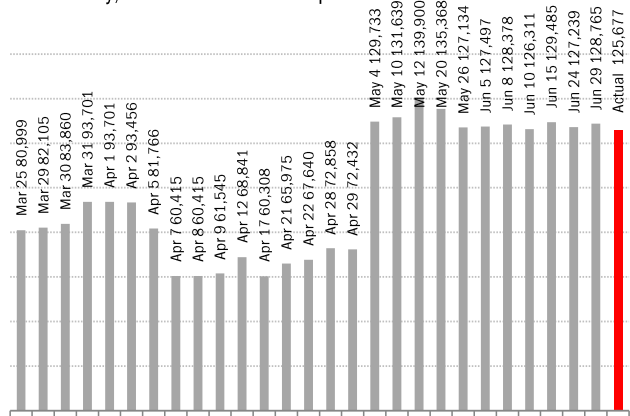


Cumulative fatalities

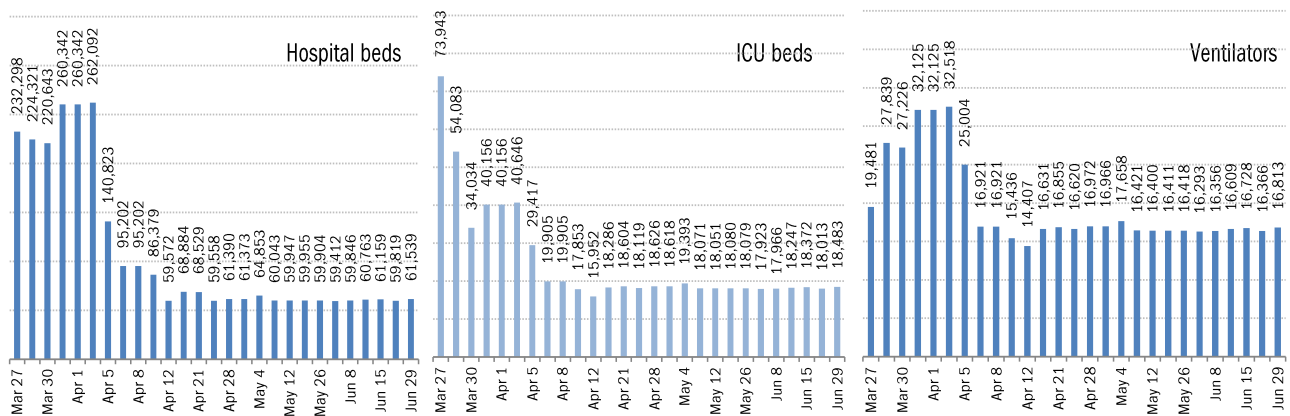
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

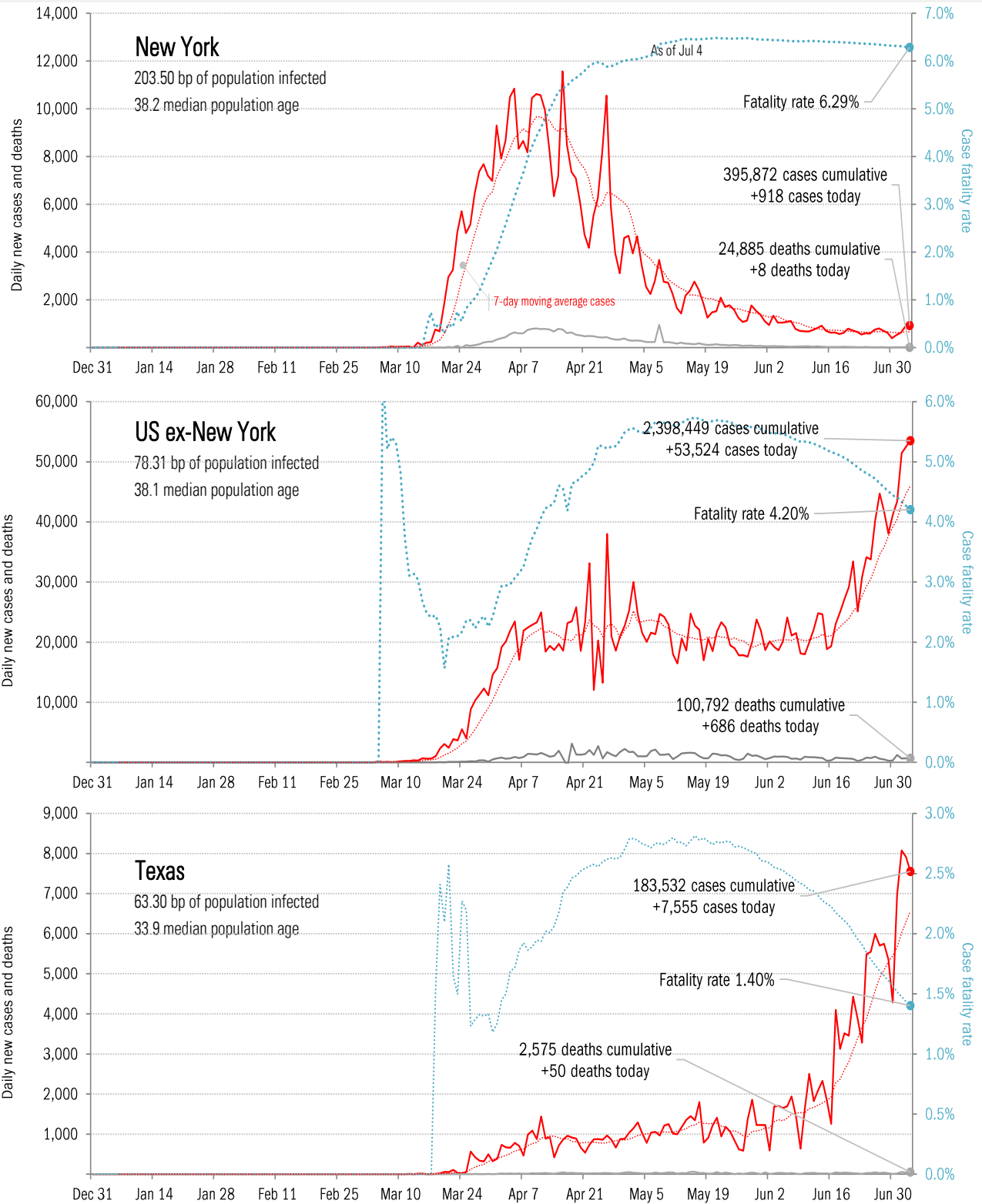


Healthcare system stress, peak estimated at each model revision



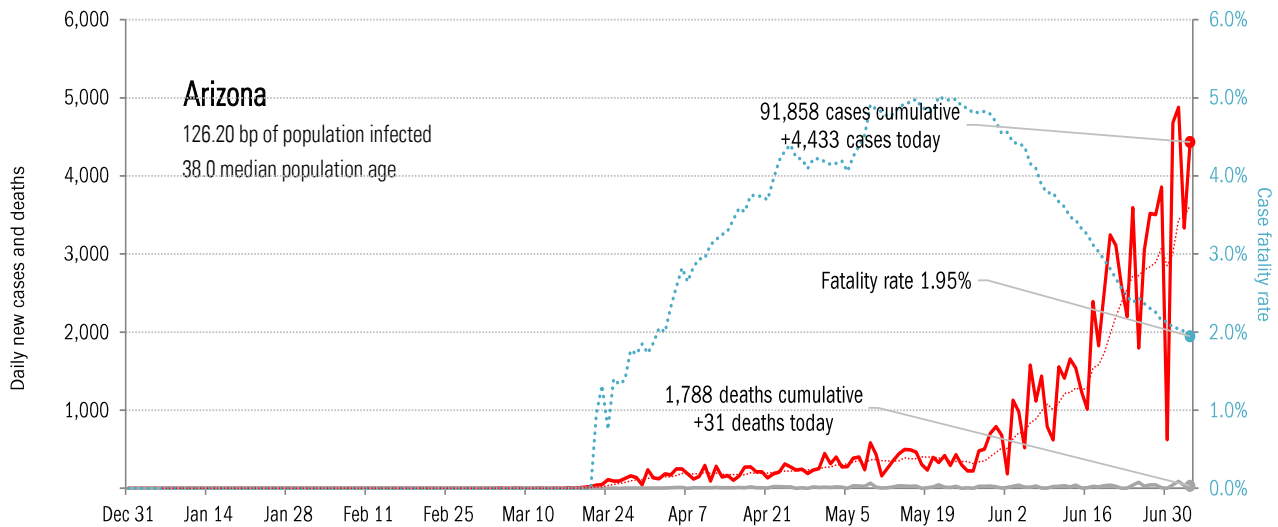
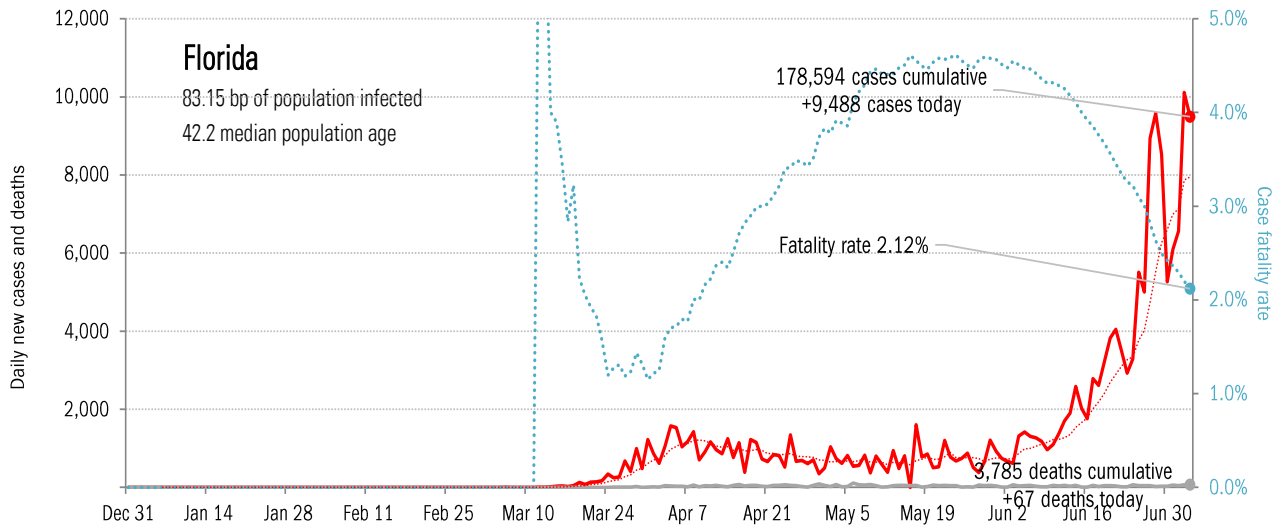
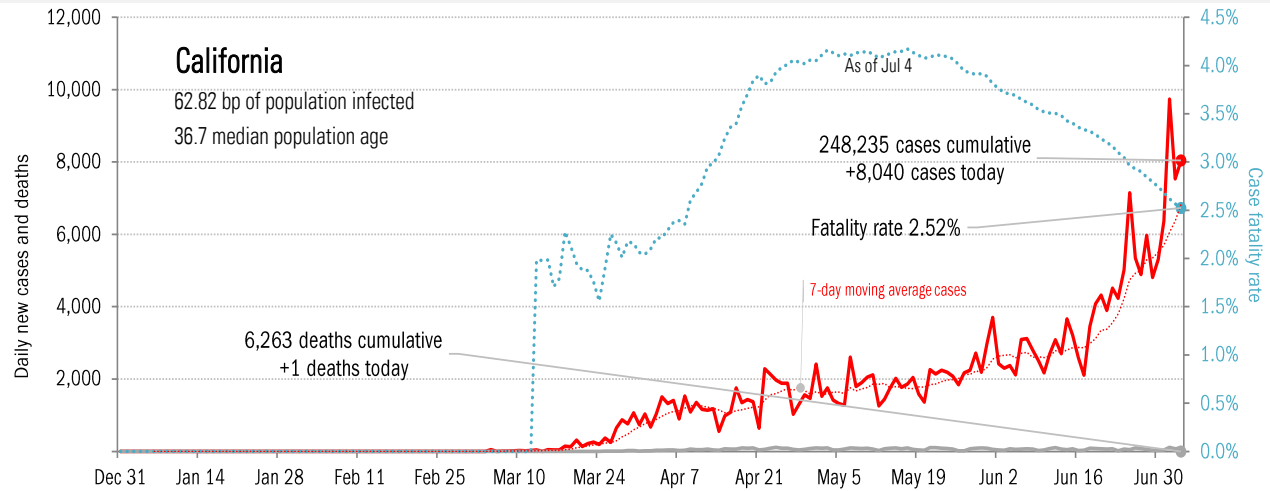
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



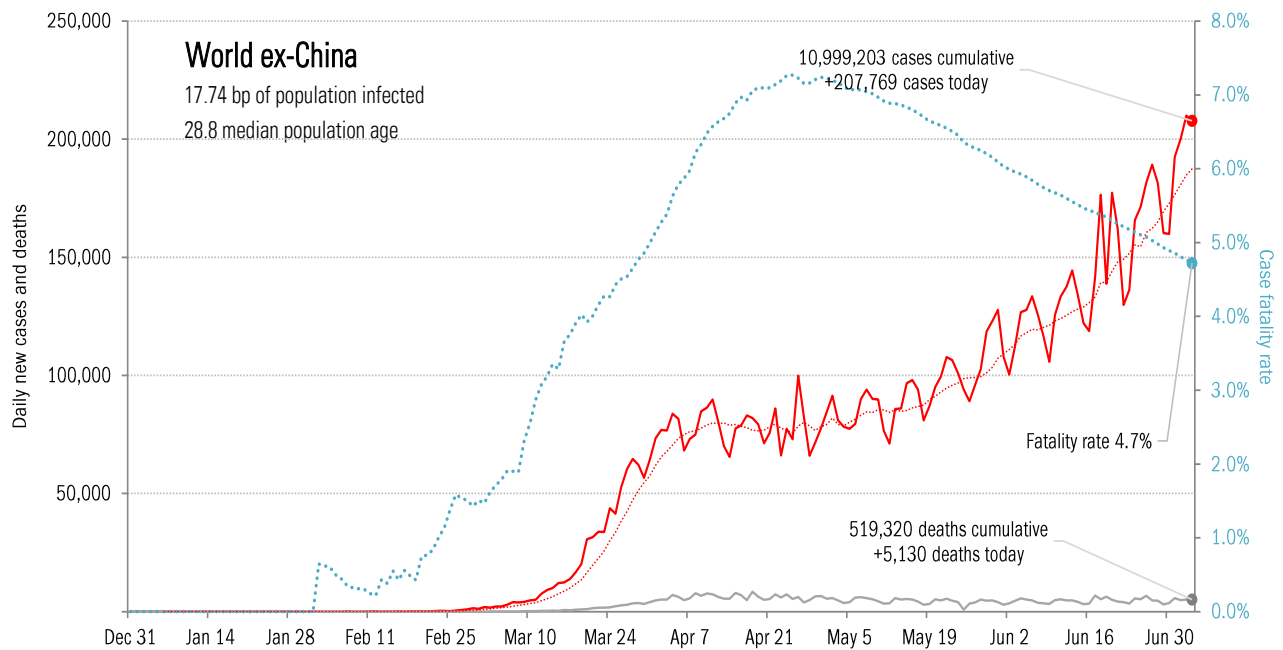
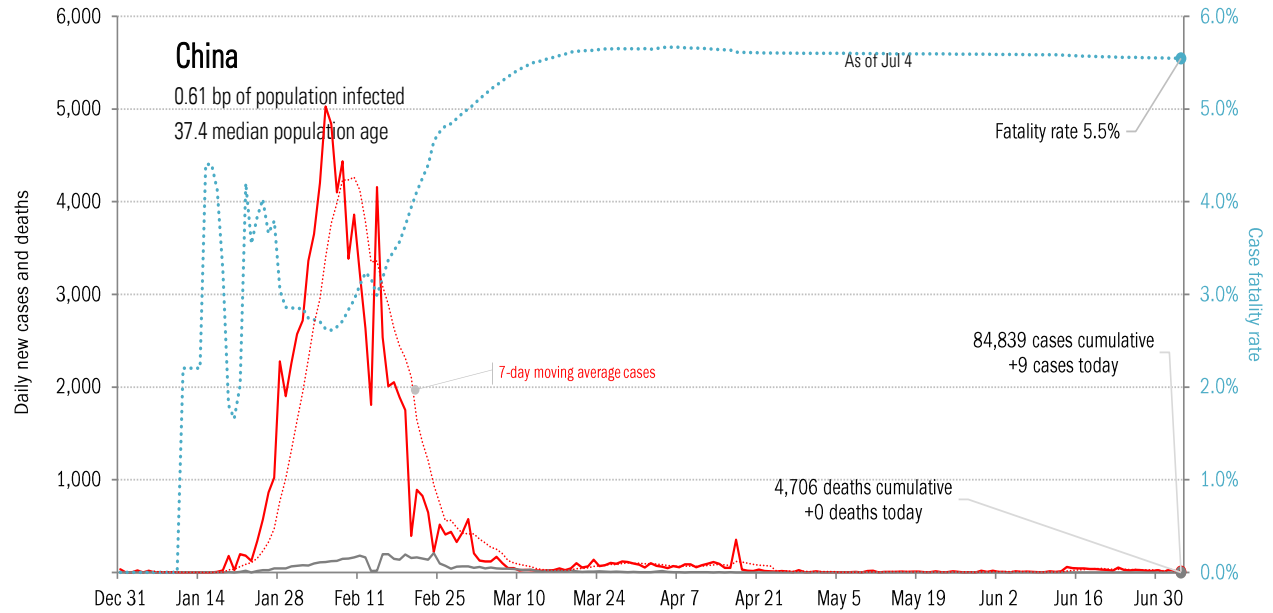
Source: [ECDC](#), TrendMacro calculations

The "second wave" states (other than Texas)



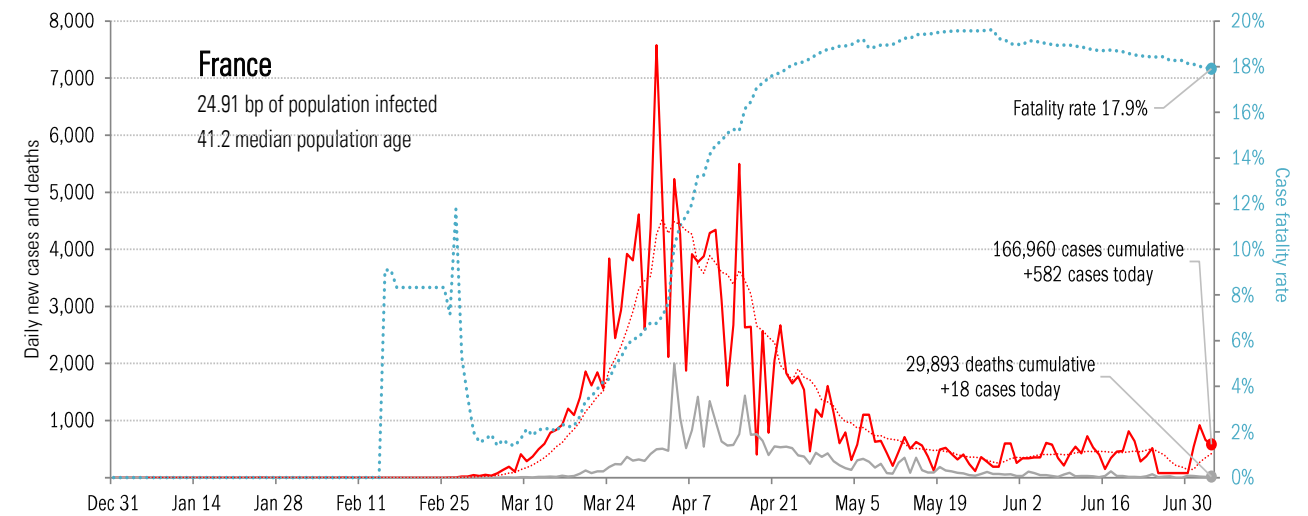
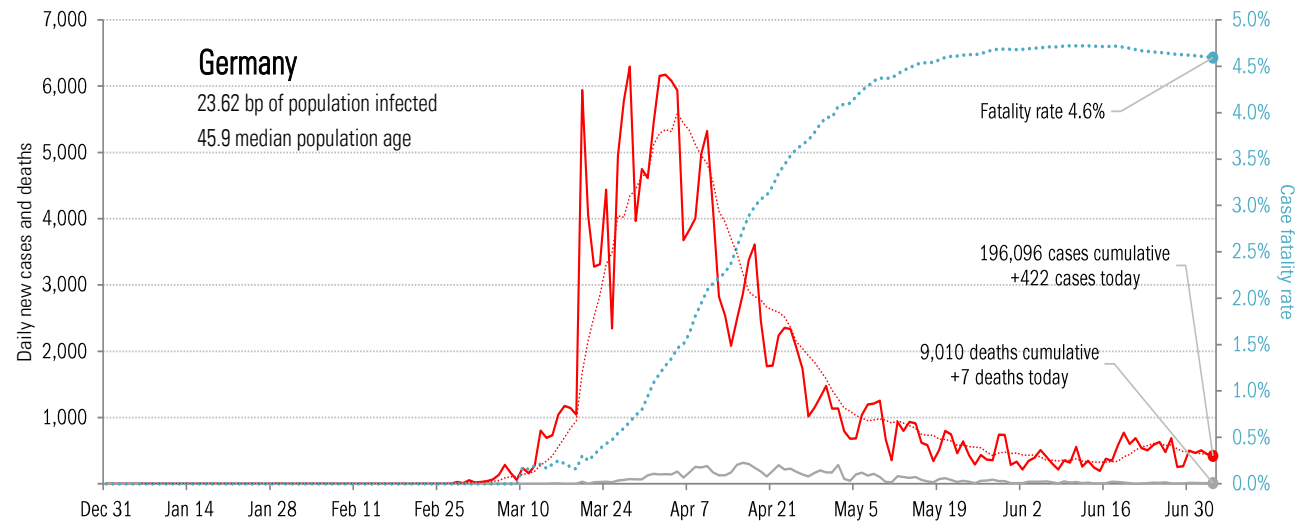
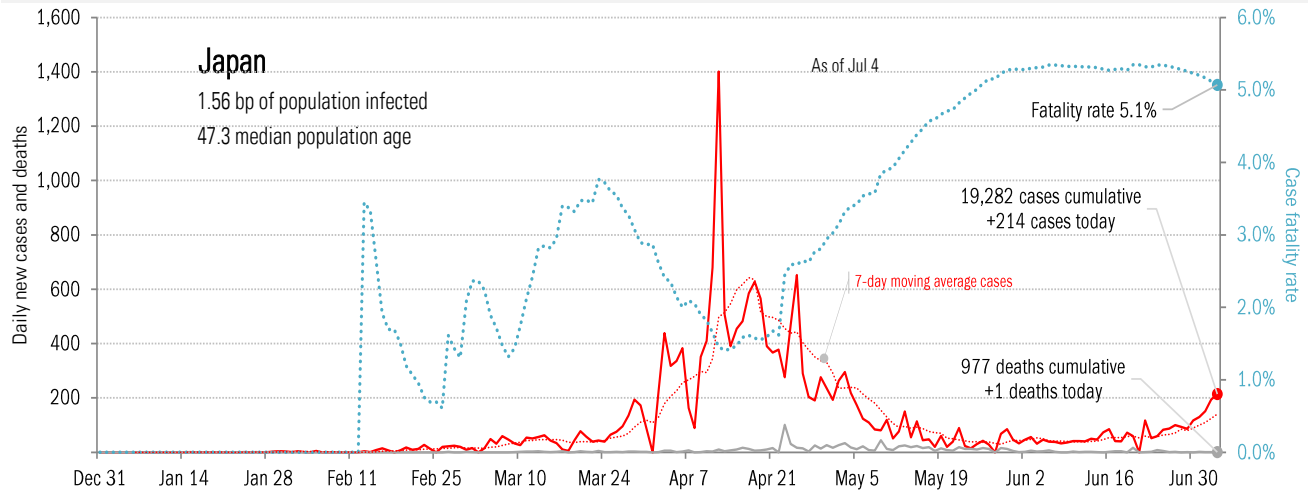
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



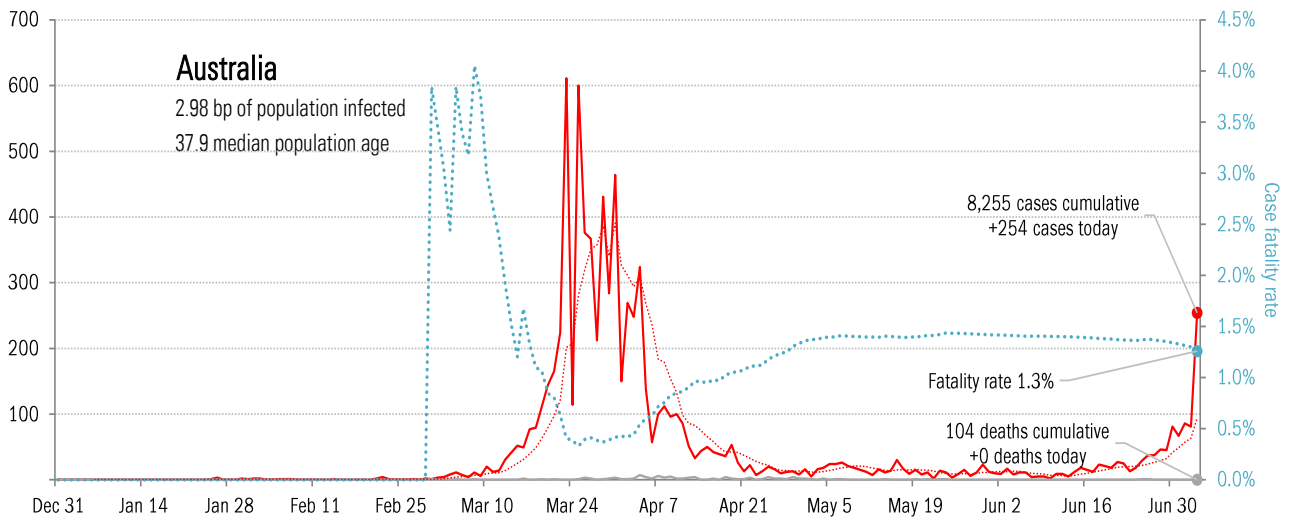
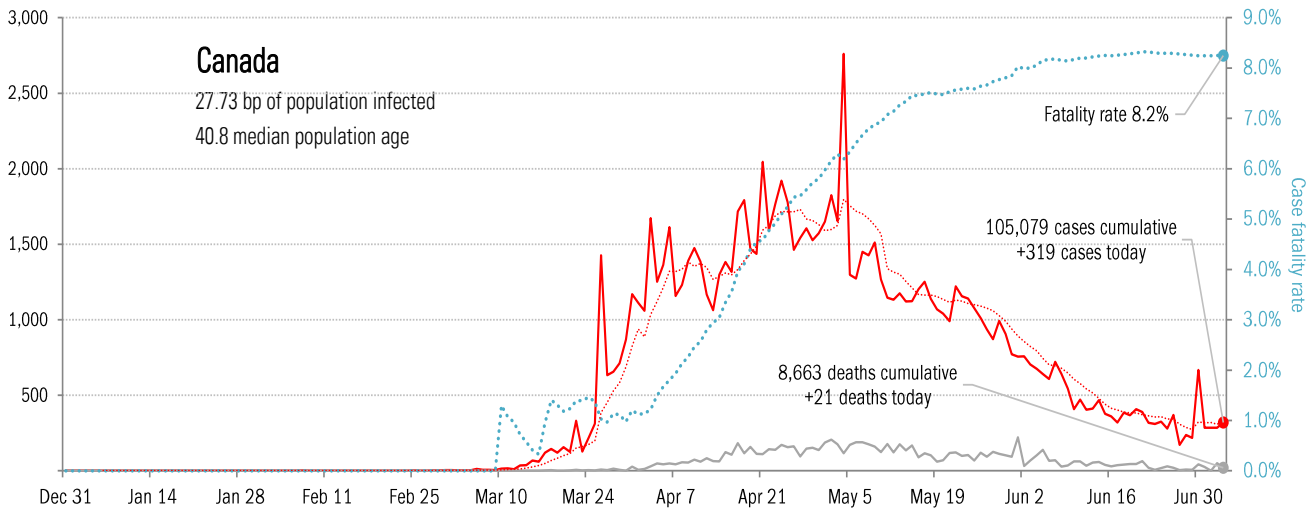
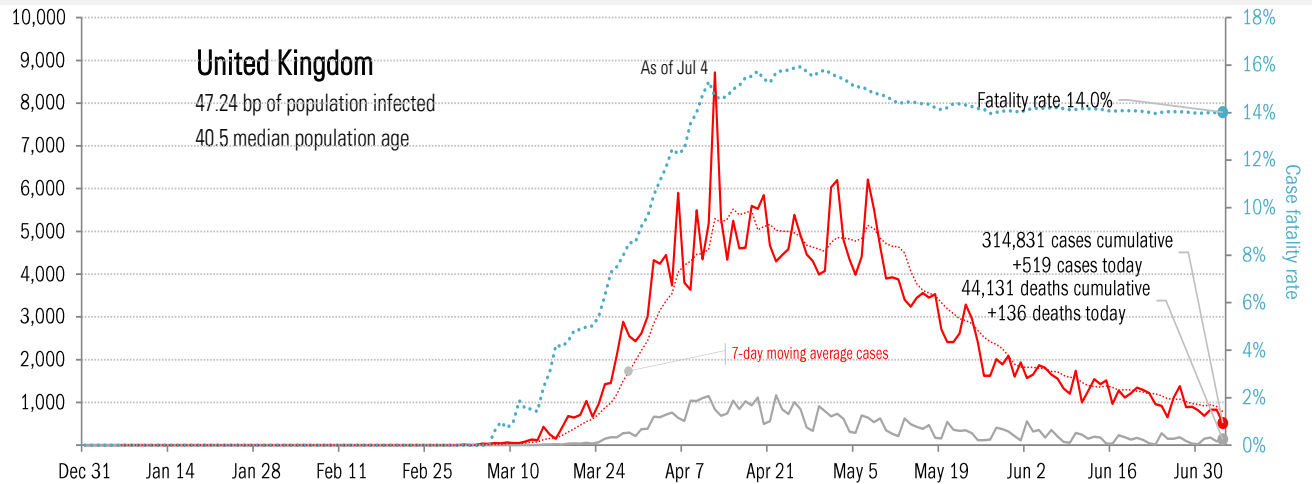
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



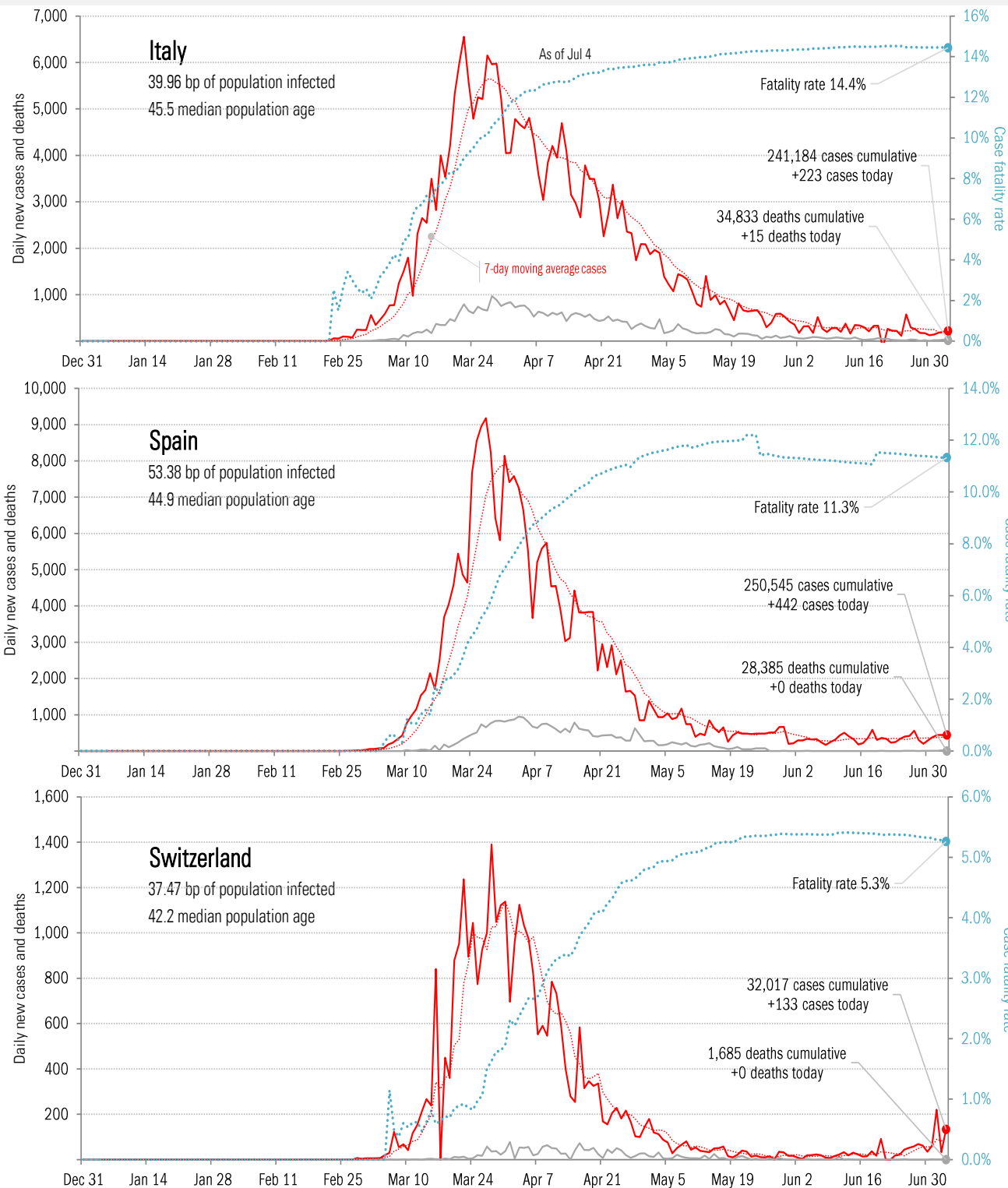
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



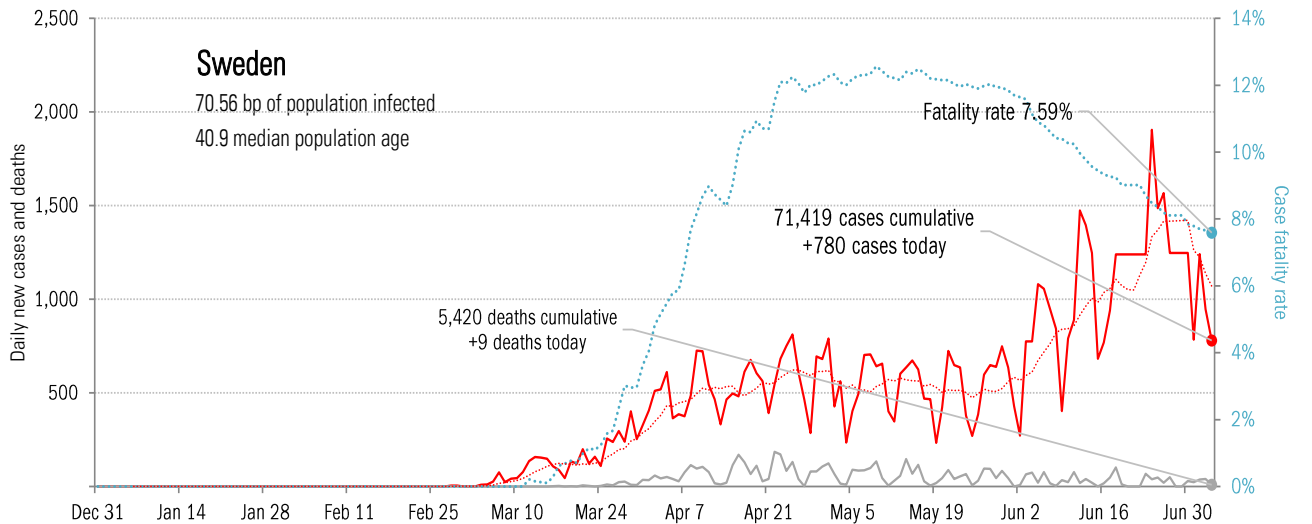
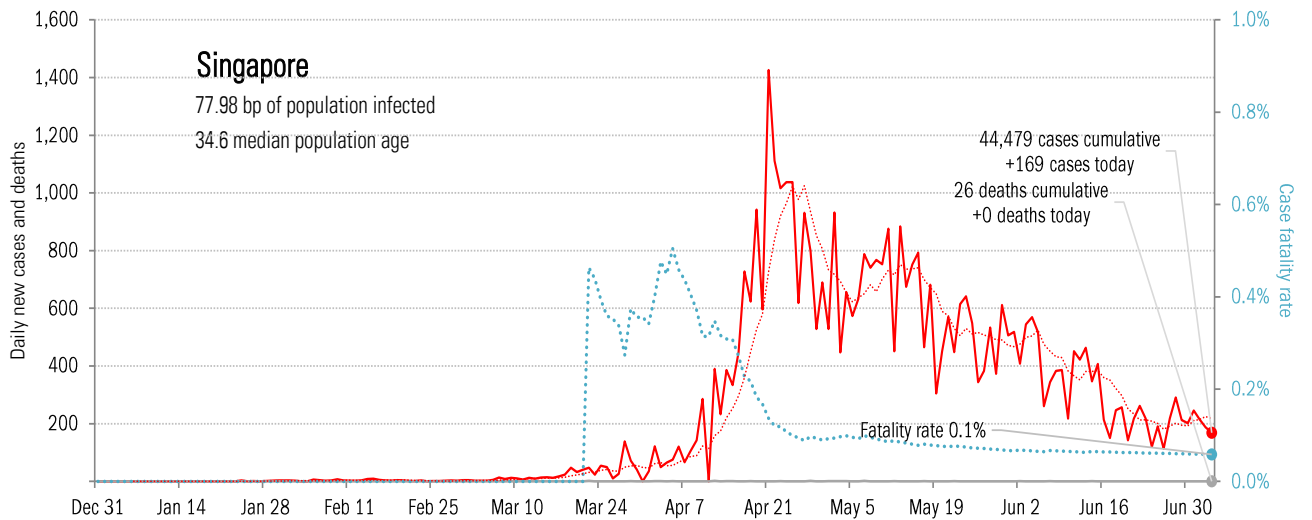
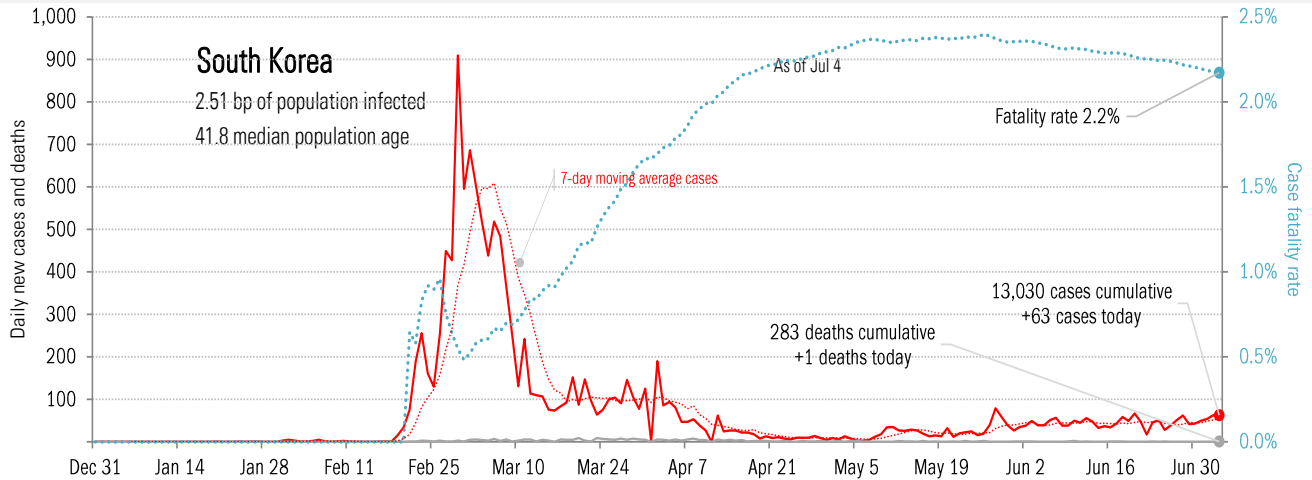
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



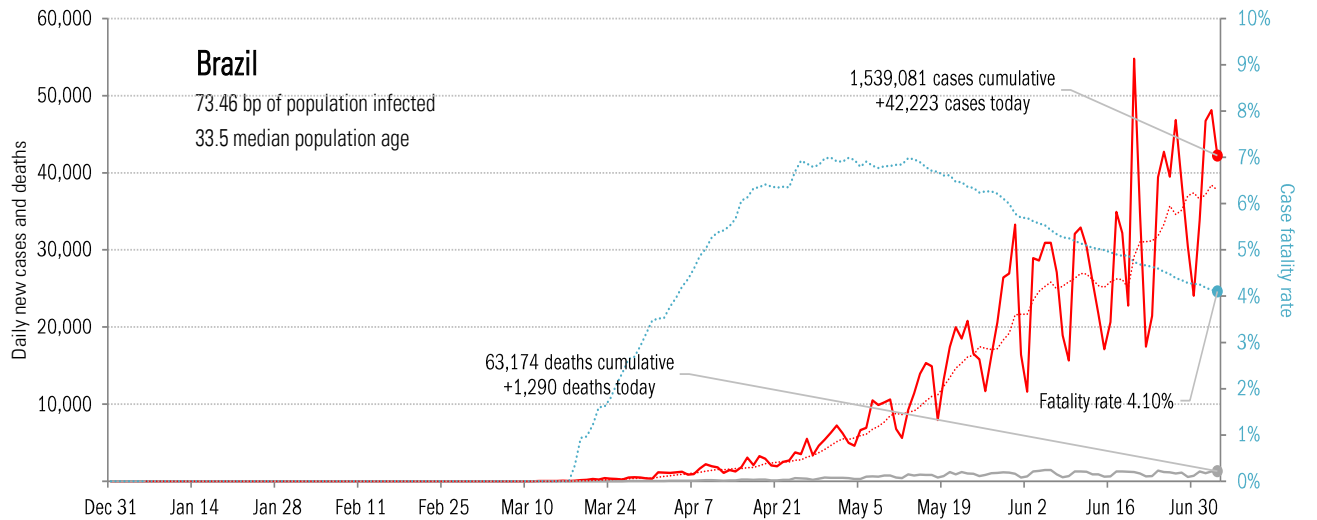
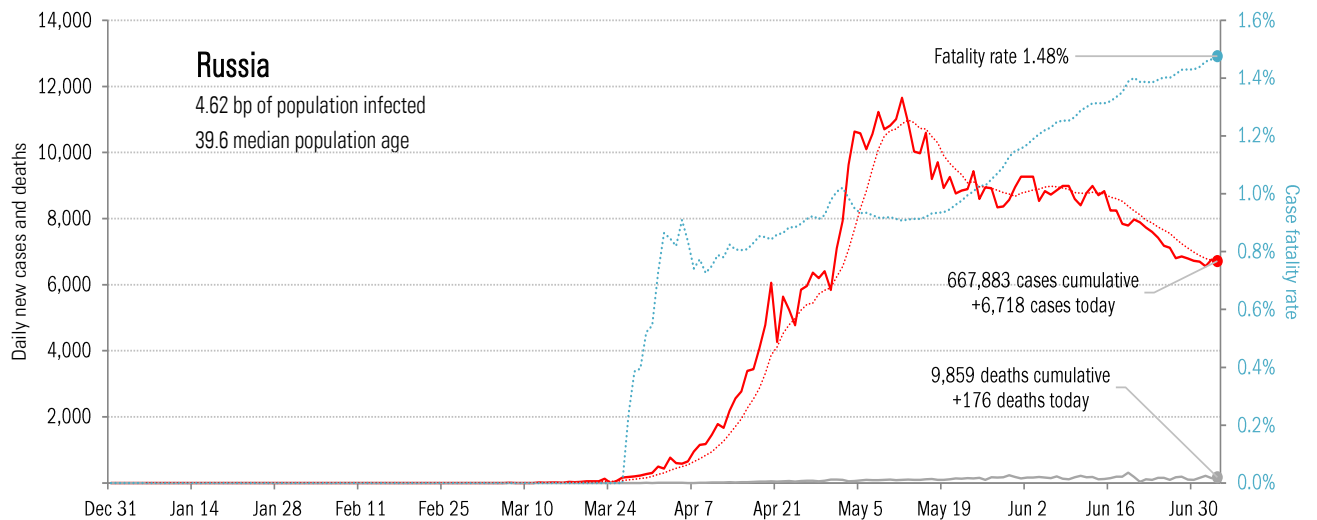
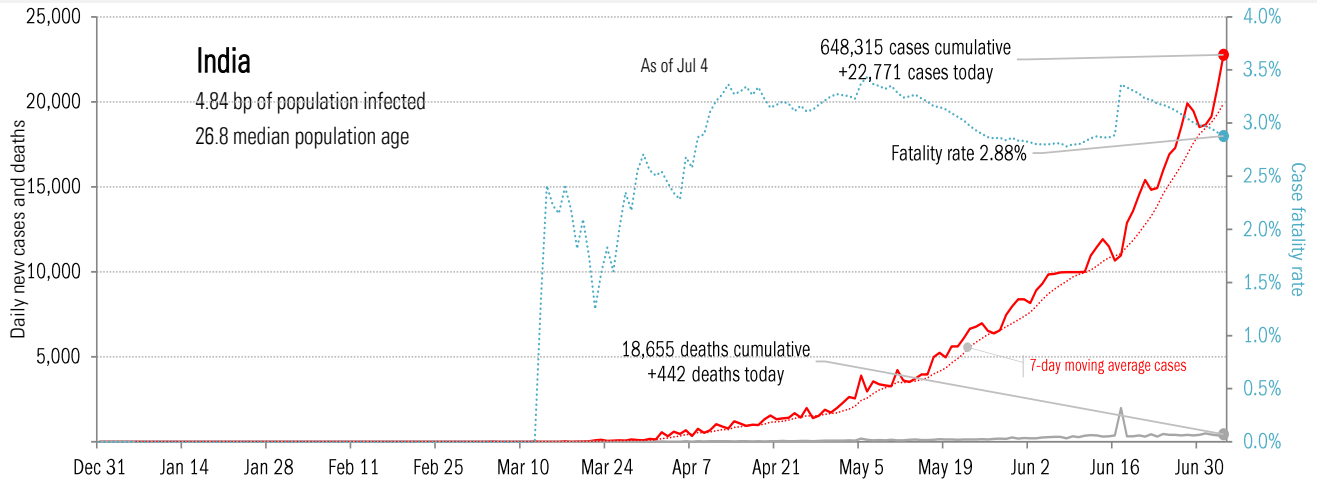
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



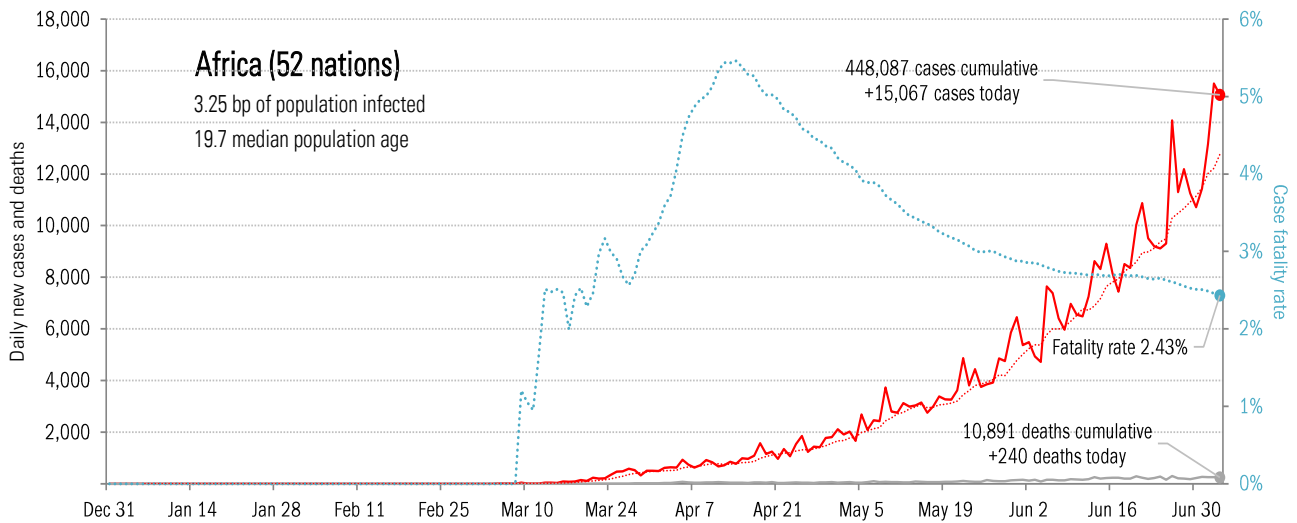
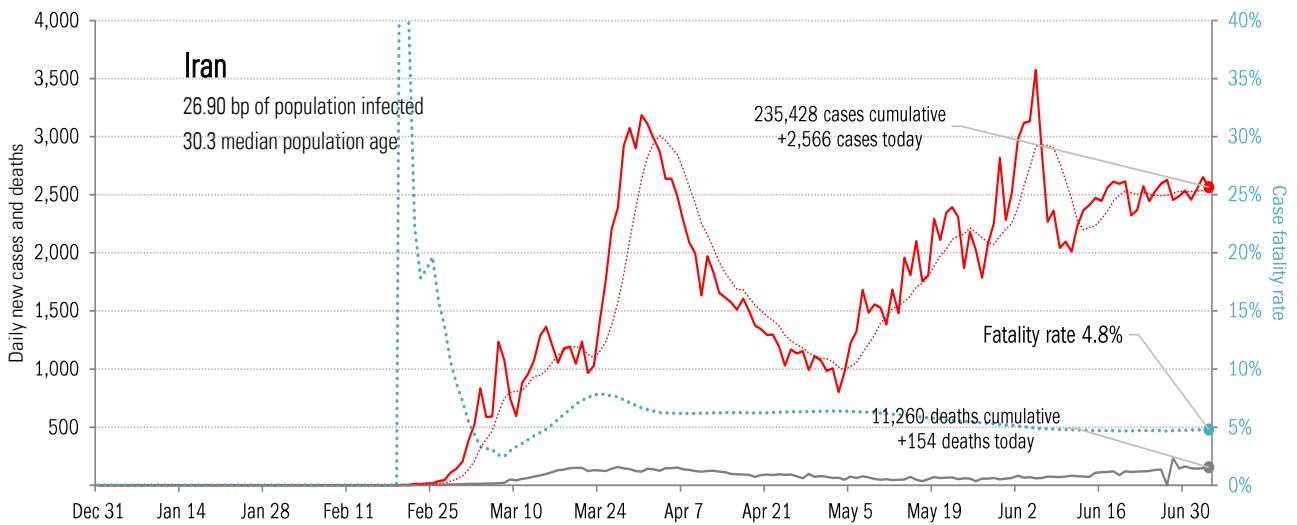
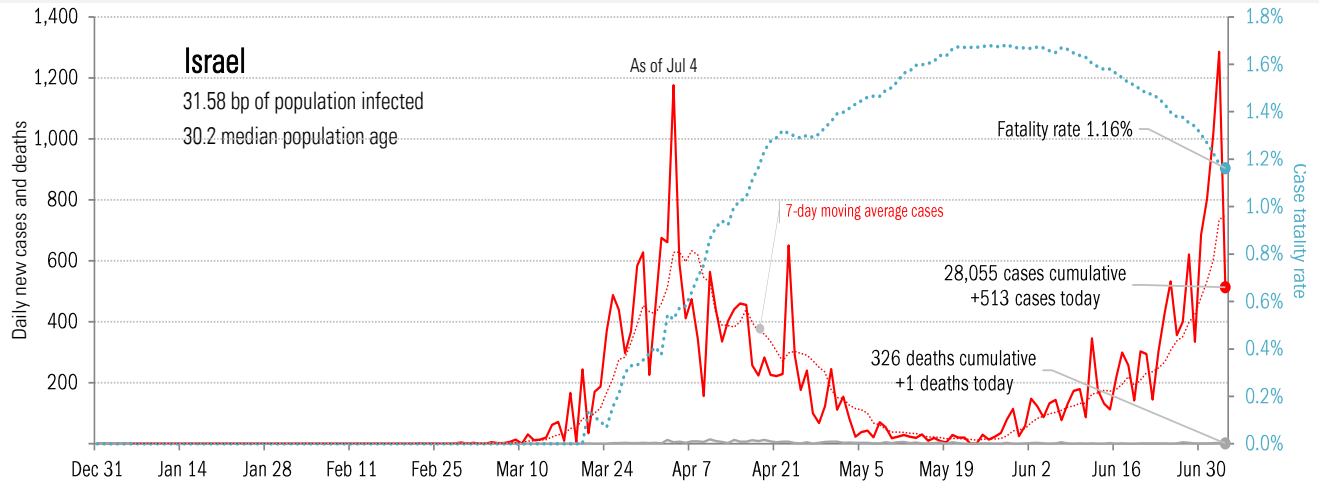
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations