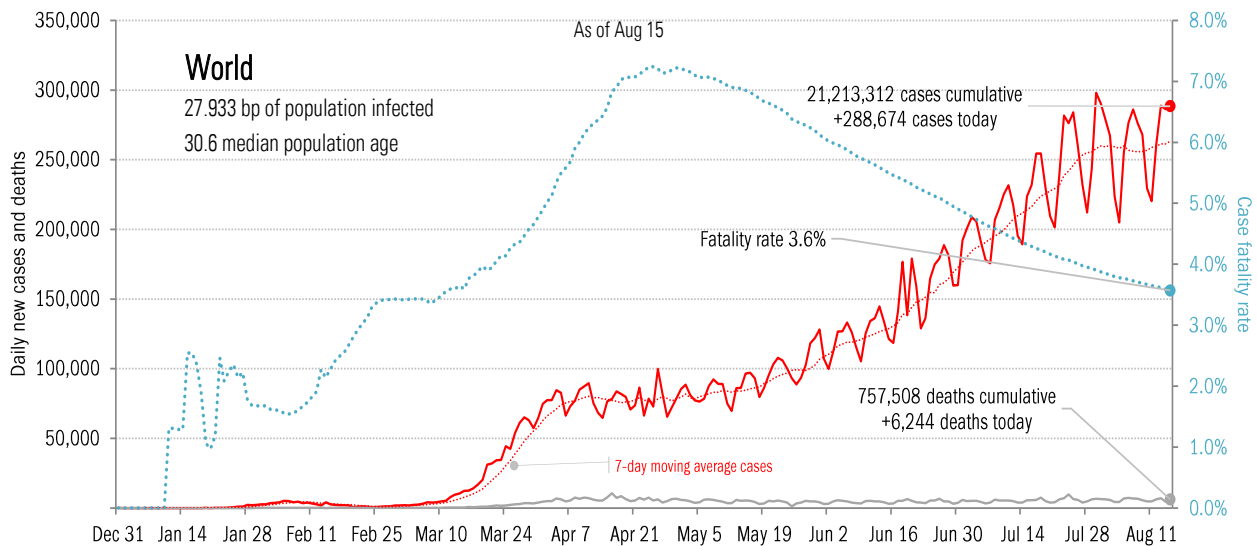
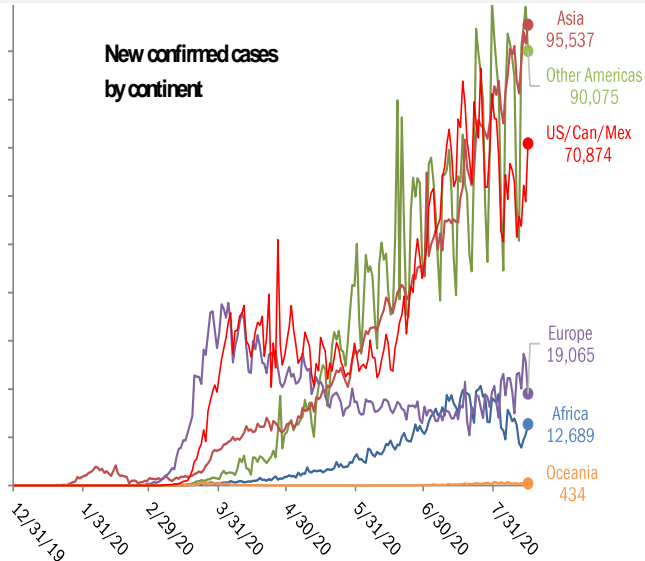


Data Insights: Covid-2019 Monitor

Saturday, August 15, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+65,002	US	+1,336
US	+64,838	Brazil	+1,060
Brazil	+50,644	India	+996
Colombia	+11,306	Mexico	+615
Peru	+8,300	Colombia	+347
Argentina	+7,511	South_Africa	+286
South_Africa	+6,275	Peru	+208
Philippines	+6,134	Argentina	+182
Mexico	+5,618	Iran	+169
Russia	+5,065	Russia	+114
+230,693		+5,313	
World	+288,674	World	+6,244
Top ten	80%	Top ten	85%



Source: [ECDC](https://ecdc.europa.eu/en), 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

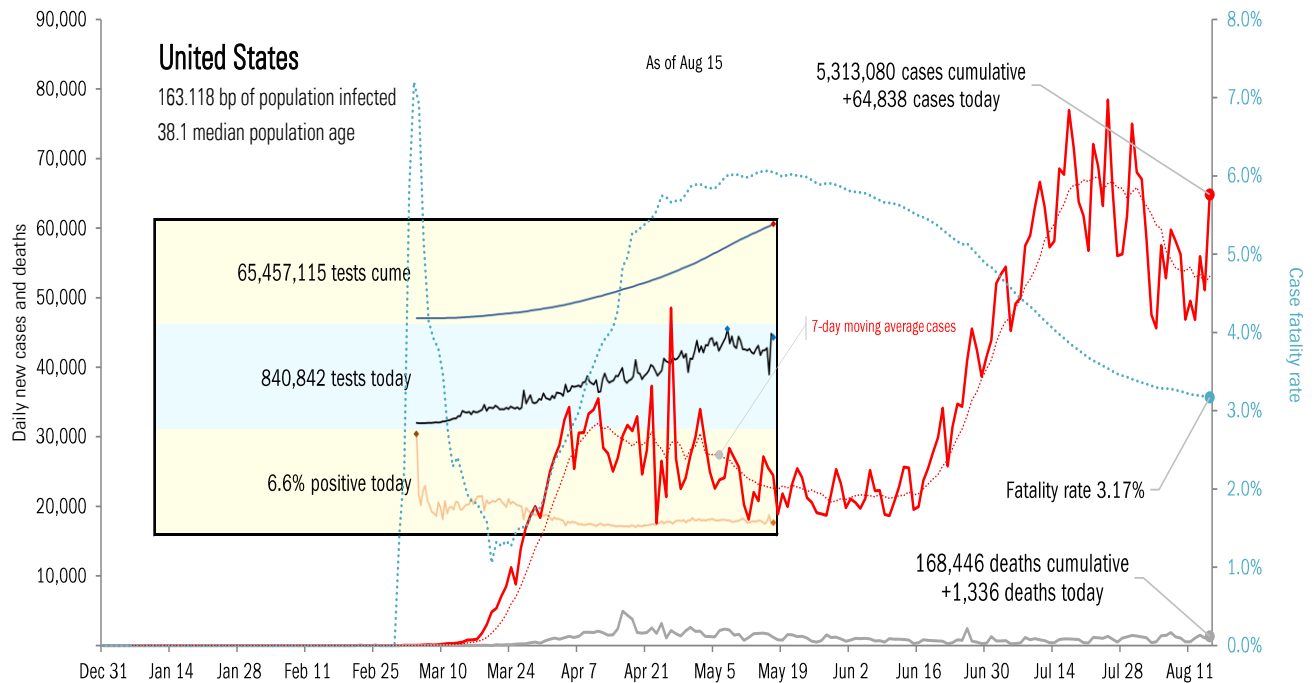
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
CA	+7,934	TX	+313	FL	+621	CA	601,075	NY	25,232	NY	89,995
TX	+7,018	FL	+229	SC	+370	FL	563,285	NJ	15,903	FL	33,568
FL	+6,148	CA	+188	GA	+237	TX	520,593	CA	10,996	NJ	22,161
GA	+3,227	AZ	+40	VA	+129	NY	424,167	TX	9,602	GA	21,818
IL	+2,296	PA	+36	IN	+123	GA	231,895	FL	9,276	AZ	20,515
TN	+1,947	GA	+35	CH	+105	IL	204,023	MA	8,804	VA	14,776
MO	+1,473	MS	+32	TN	+77	AZ	191,721	IL	7,932	MD	13,508
NC	+1,346	CH	+29	WI	+65	NJ	187,164	PA	7,445	AL	12,456
KS	+1,338	LA	+28	OK	+52	NC	142,170	MI	6,566	MA	12,150
LA	+1,298	IL	+27	KS	+45	LA	136,737	GA	4,573	CH	12,128
+34,025		+957		+1,824		3,202,830		106,329		253,075	
All states	+55,649	All states	+1,216	All states	+2,212	All states	5,279,863	All states	160,155	All states	345,014
Top ten	61%	Top ten	79%	Top ten	82%	Top ten	61%	Top ten	66%	Top ten	73%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
AZ	-424	GA	-47	AZ	-670	TX	+7,957
NC	-417	SC	-24	AL	-164	TN	+2,172
H	-354	NV	-19	CT	-95	SC	+1,893
MI	-299	LA	-13	AR	-94	IN	+1,864
TN	-171	NC	-12	MD	-70	CH	+1,262



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

Recommended reading

['We're Clearly Not Doing Enough': Drop in Testing Hampers Coronavirus Response](#)

Sarah Mervosh, Nicholas Bogel-Burroughs and Sheryl Gay Stolberg
New York Times
August 15, 2020

[Australia's 320-Page Ruby Princess Report Details Errors Leading to Virus Spike](#)

Ed Johnson and Jason Scott
Bloomberg
August 14, 2020

[Biden urges mandatory face-mask order for next three months in effort to save 40,000 lives](#)

Bart Jansen
USA Today
August 13, 2020

[Manhattan Apartment Rents Plunge 10% in Pandemic-Fueled Exodus](#)

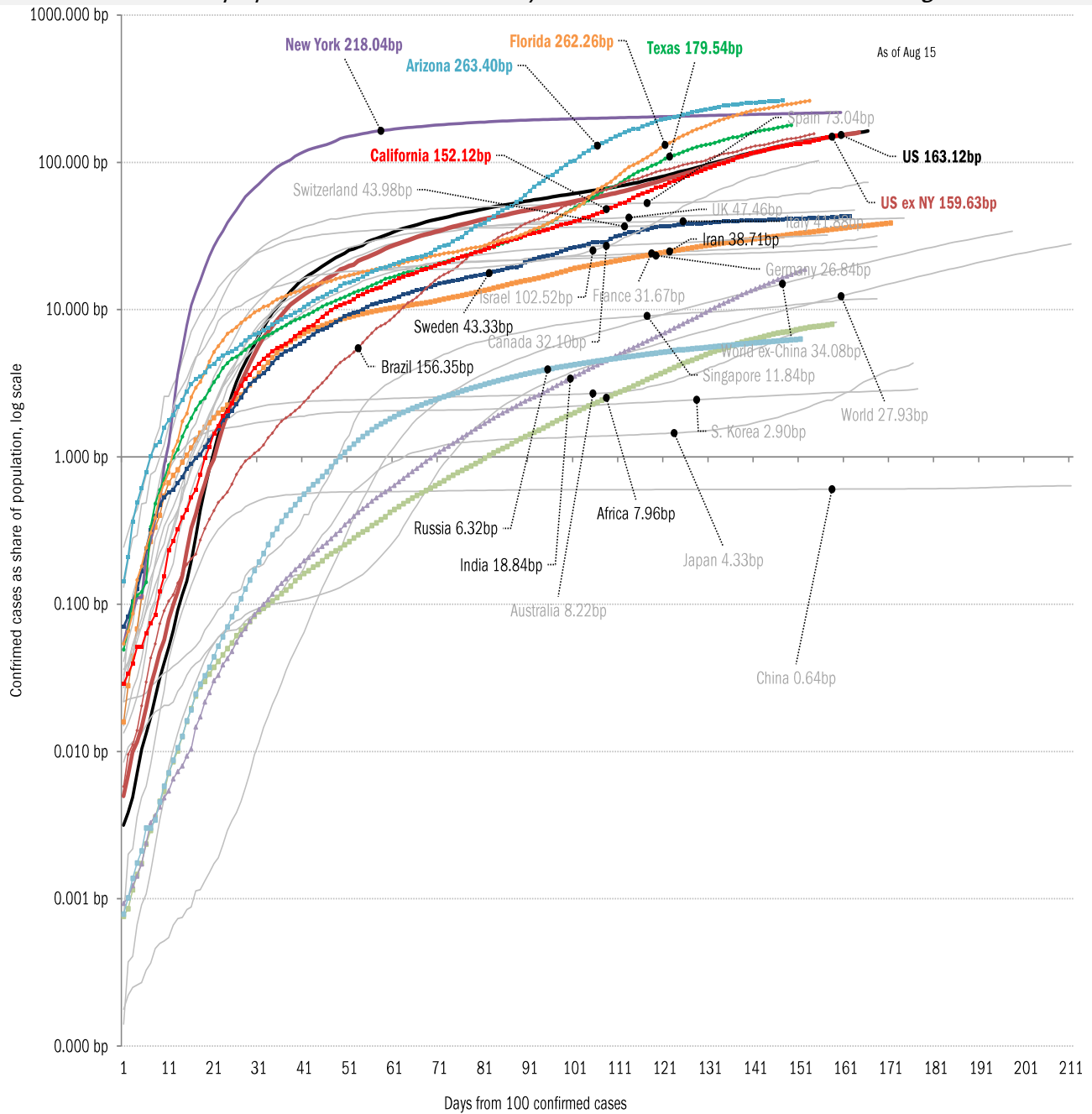
Oshrat Carmiel
Bloomberg
August 12, 2020

Meme of day



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

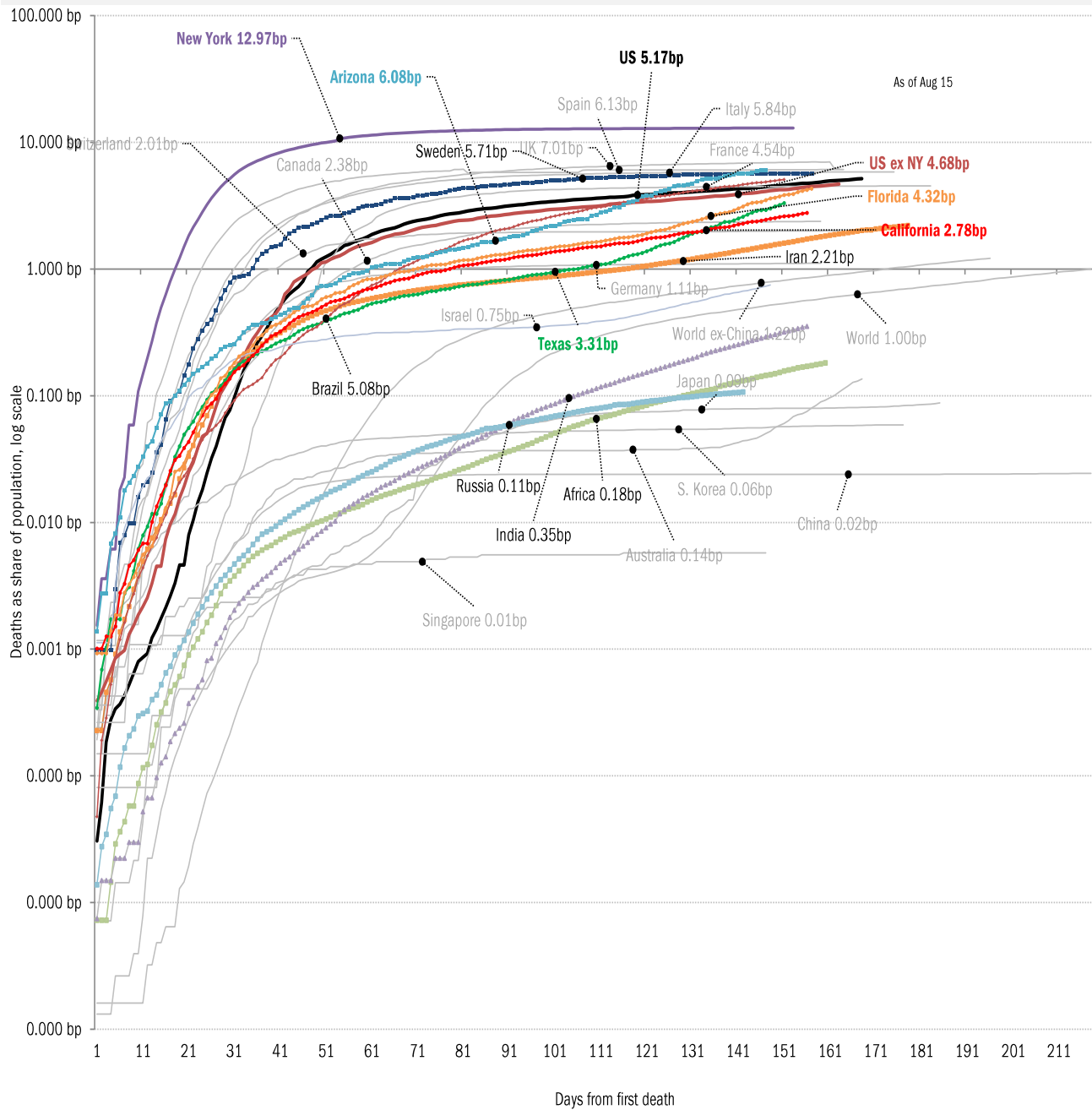
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

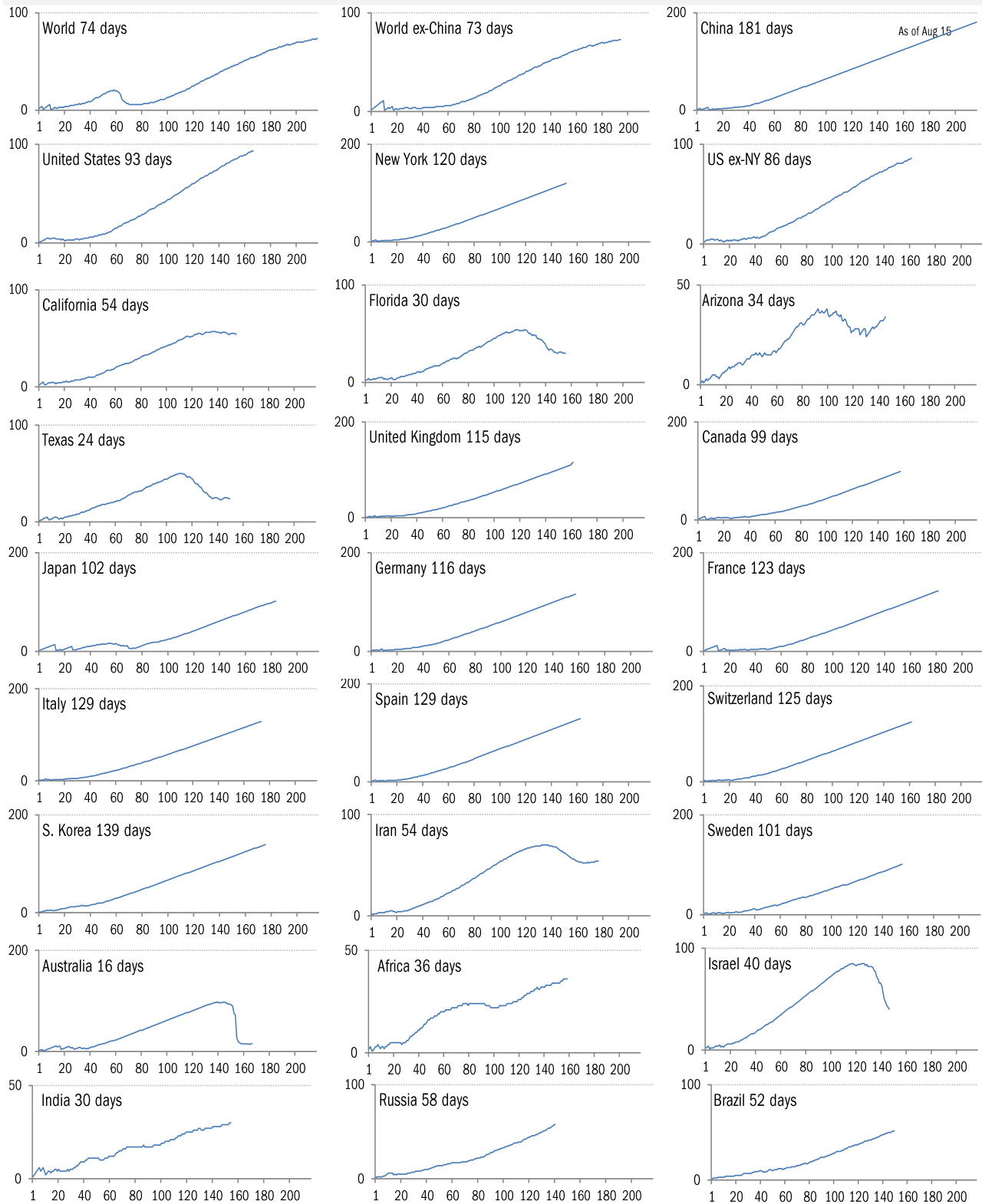
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

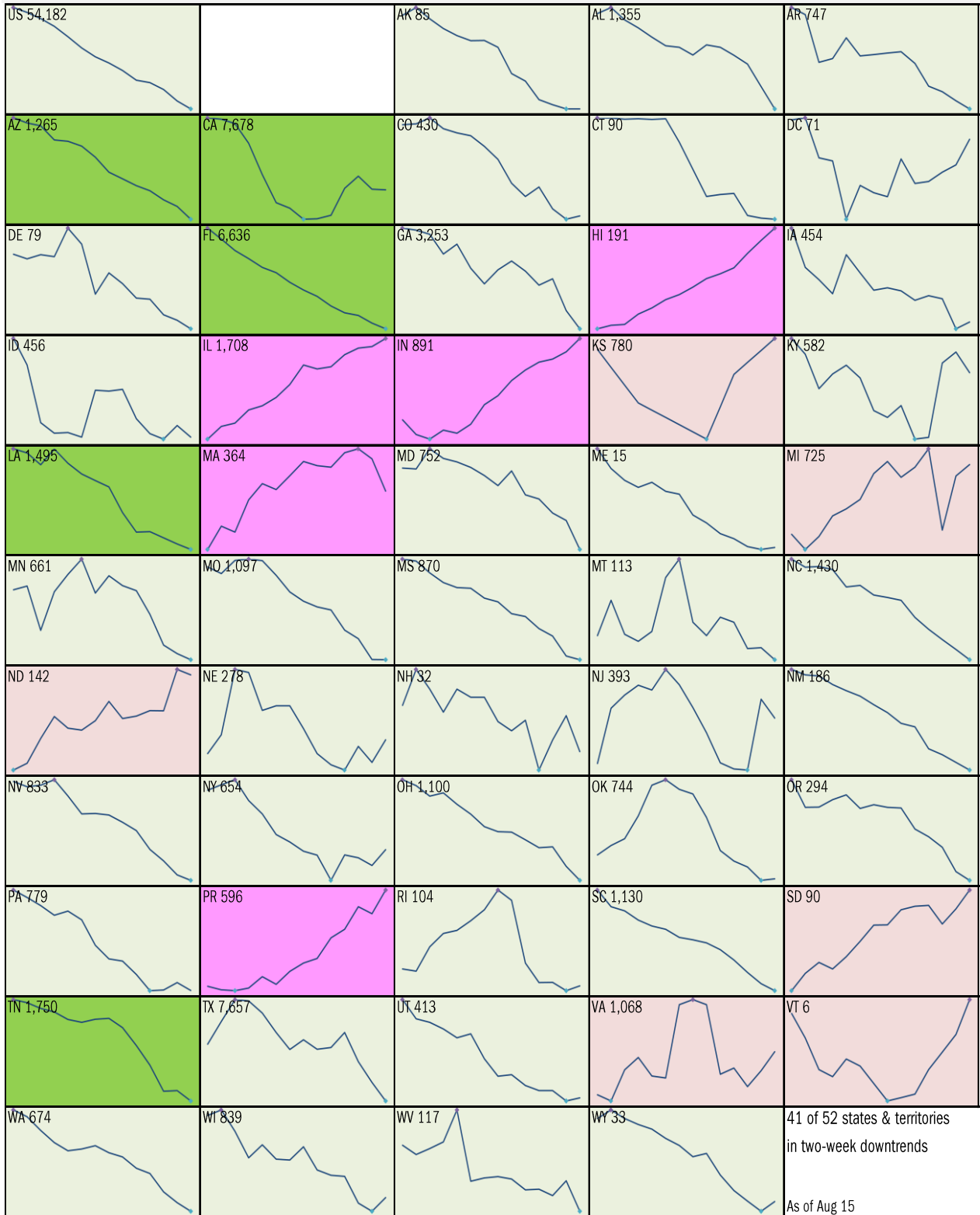
Our most reliable evidence of slowing exponential growth of Covid-2019

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

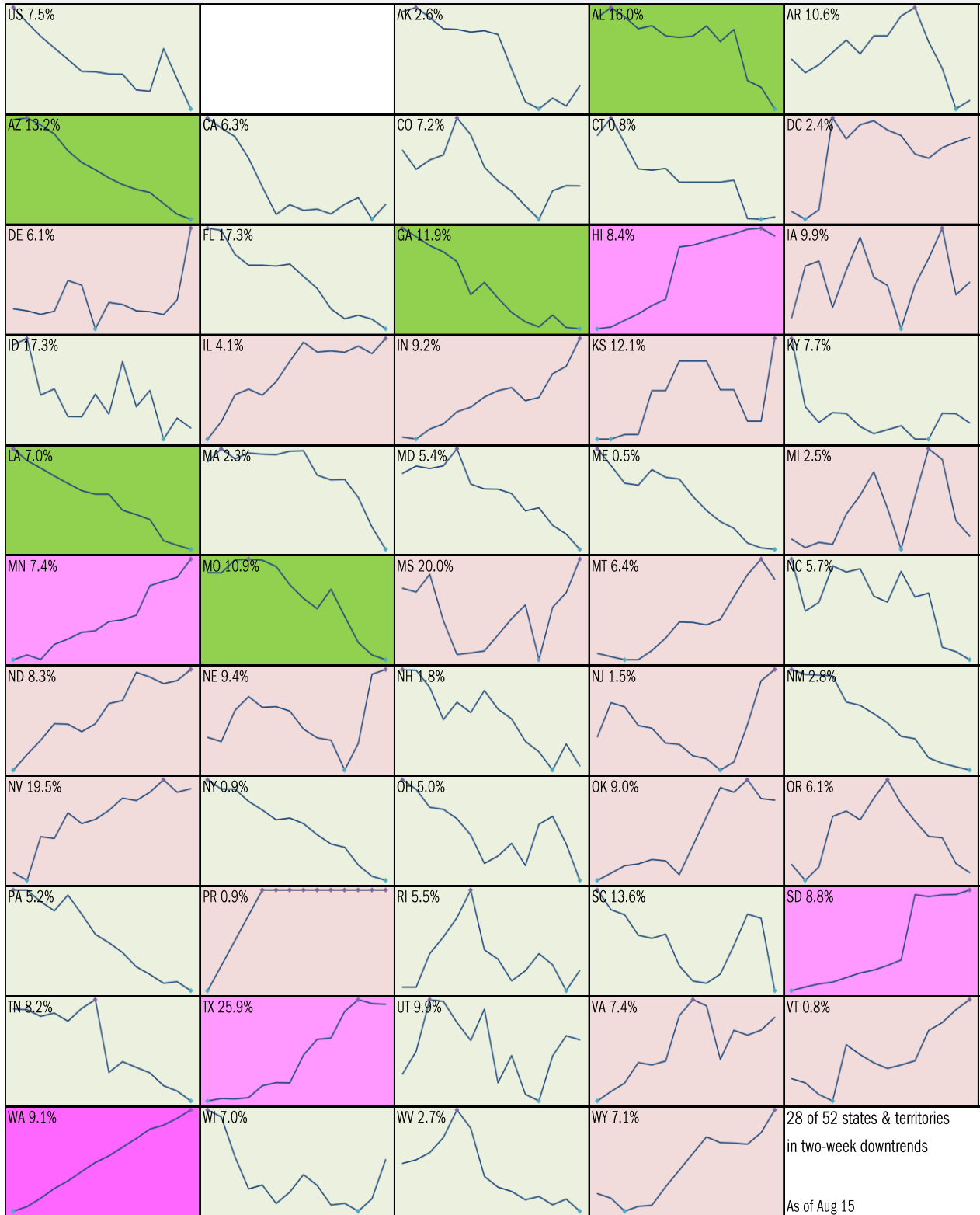


Source: [Covid Tracking Project](#), TrendMacro calculations

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



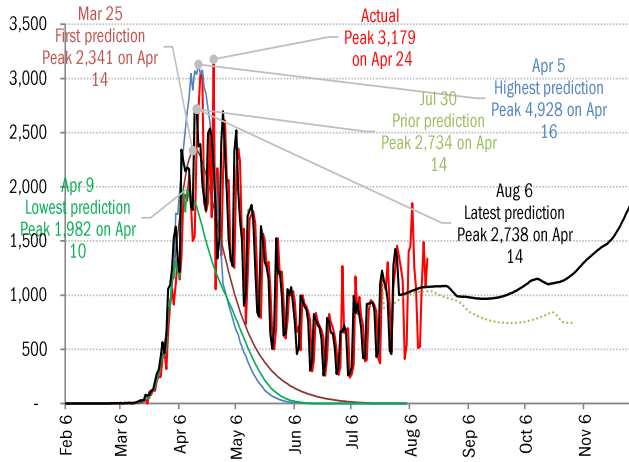
Source: [Covid Tracking Project](#), TrendMacro calculations

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

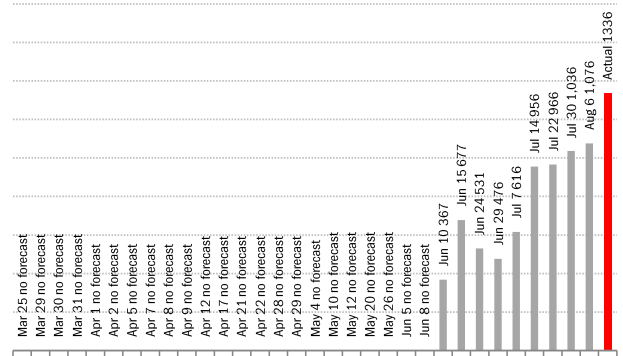
New daily fatalities

As of Aug 15

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

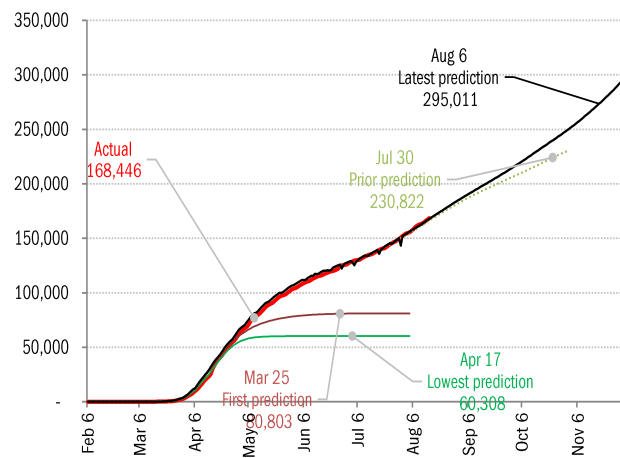


For this day, versus all model mean predictions

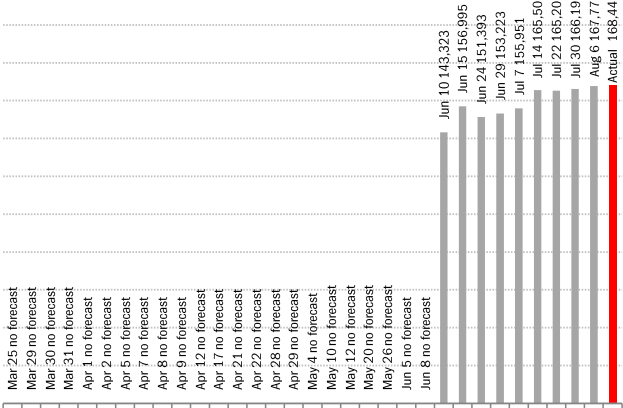


Cumulative fatalities

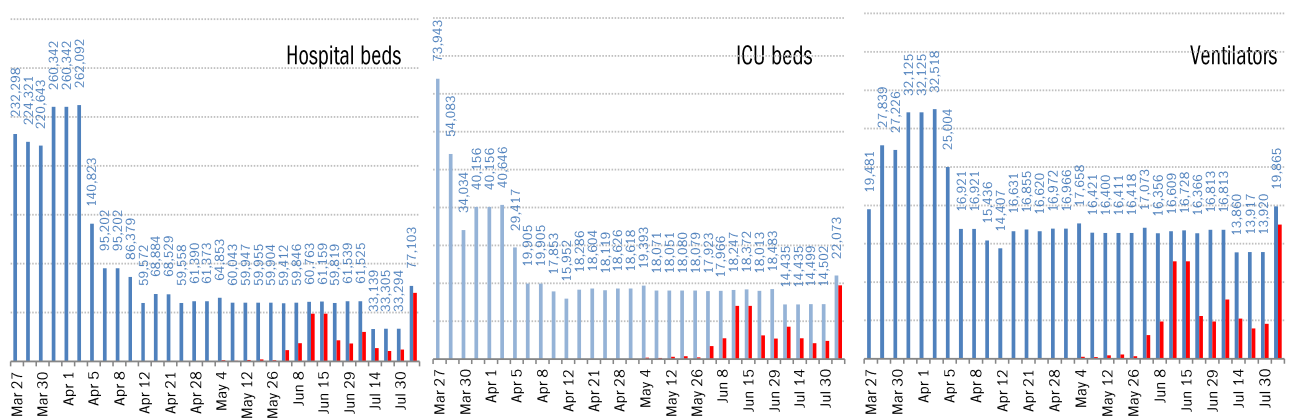
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

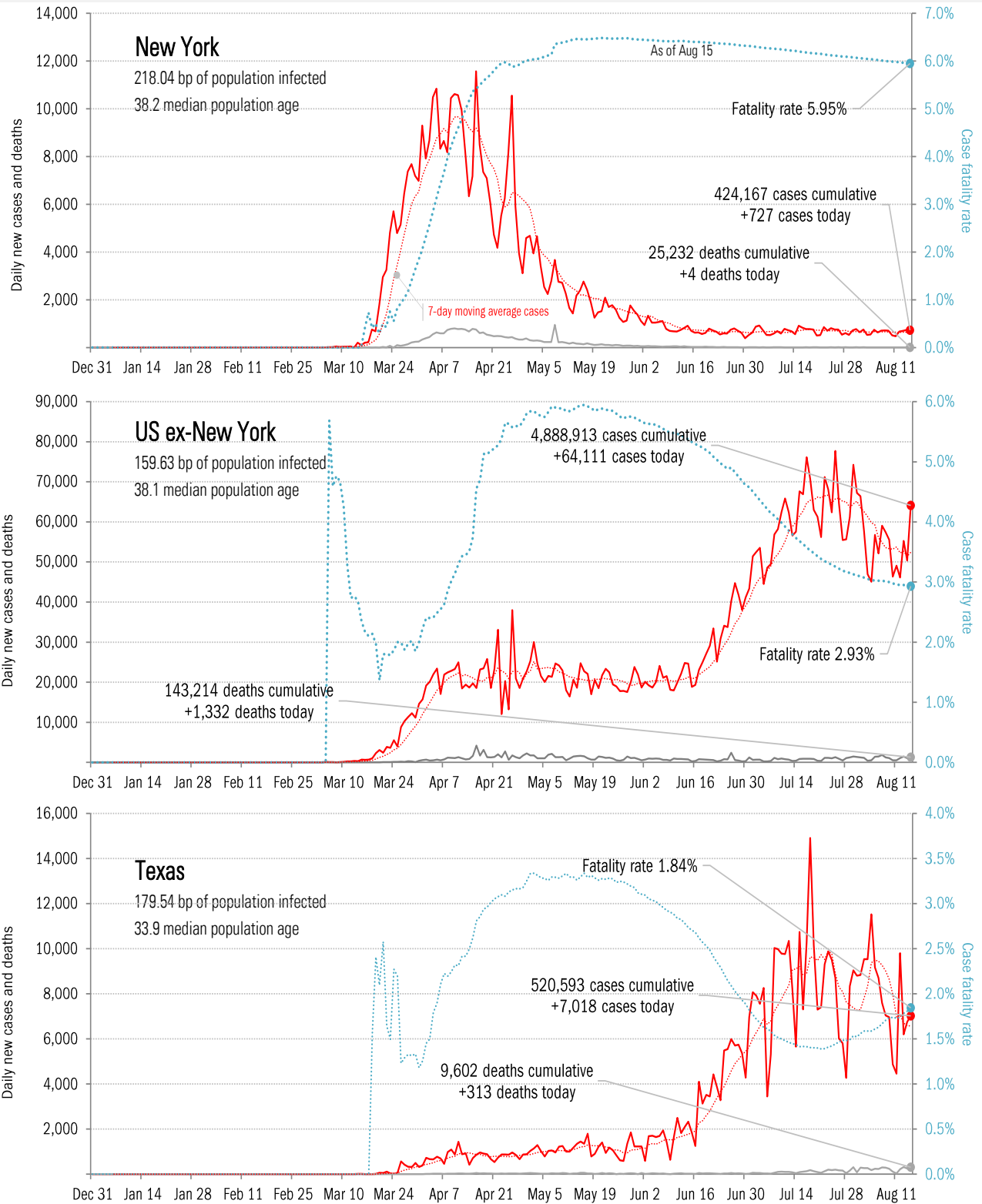


Healthcare system stress, peak and ultimate estimated at each model revision



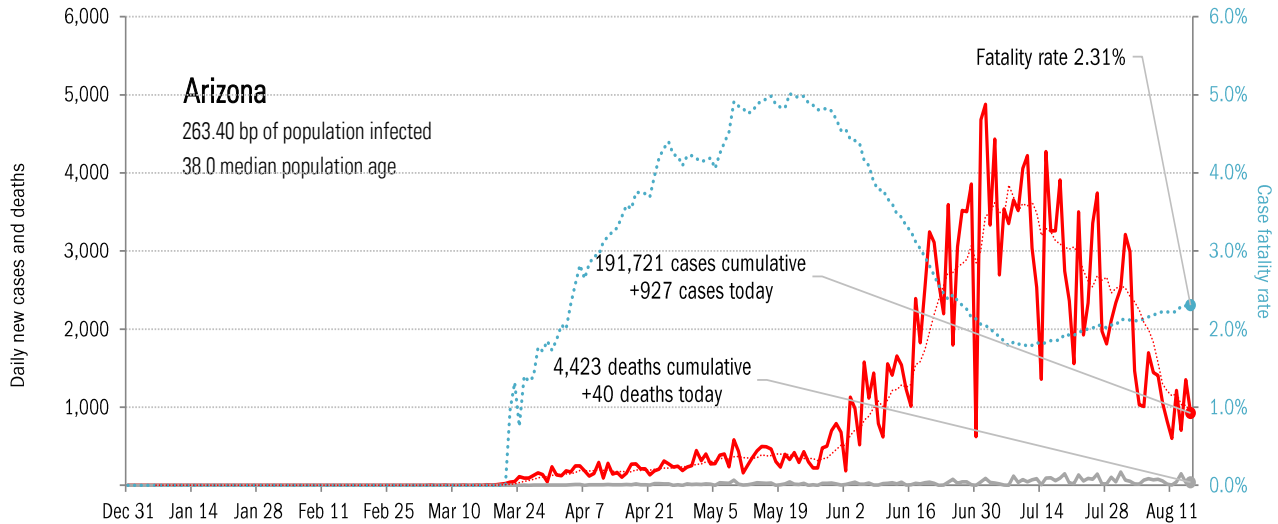
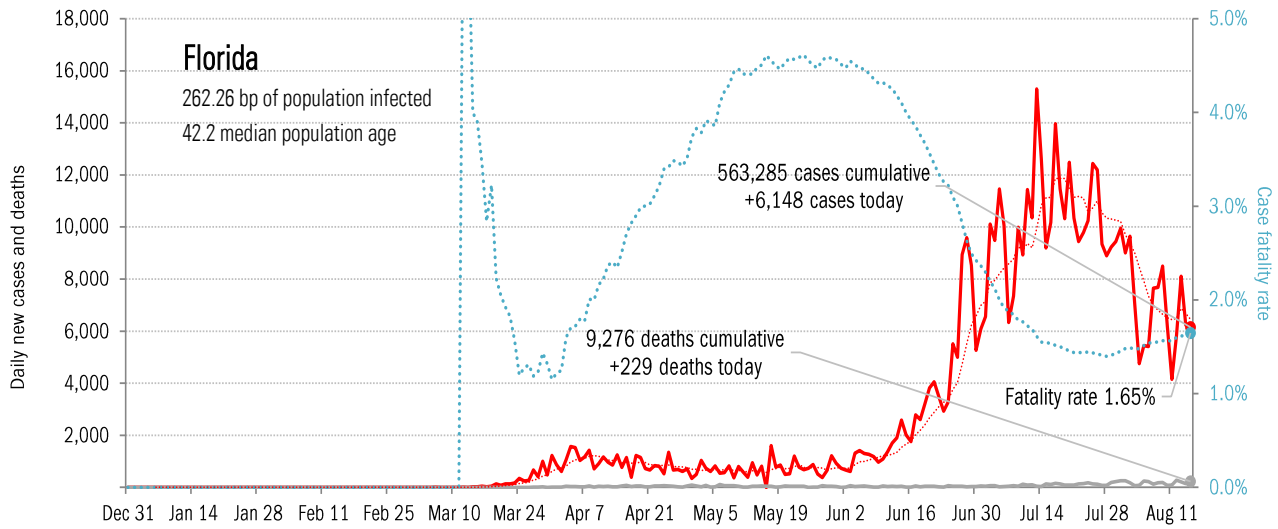
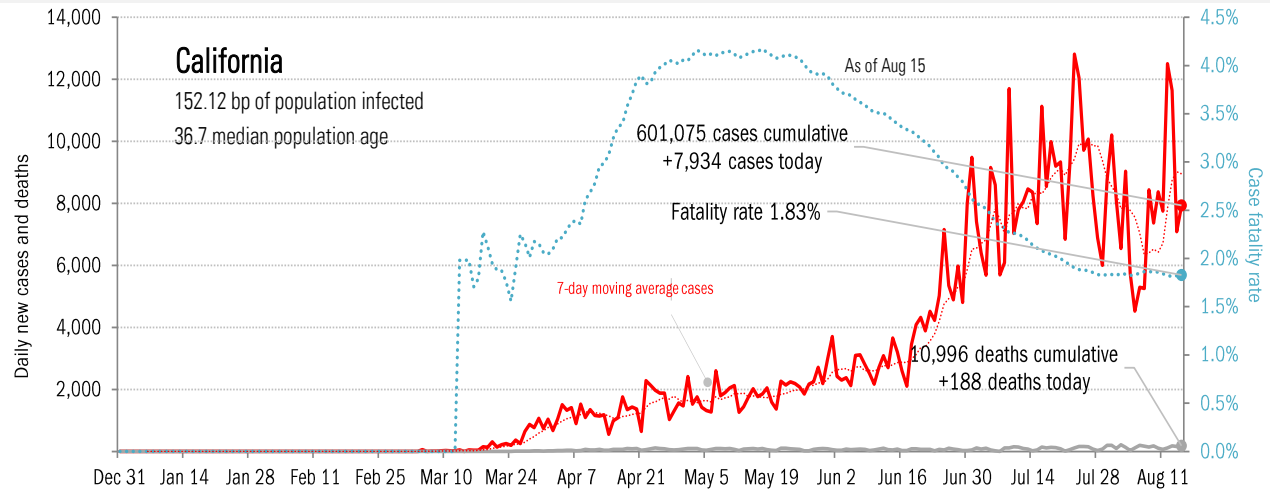
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



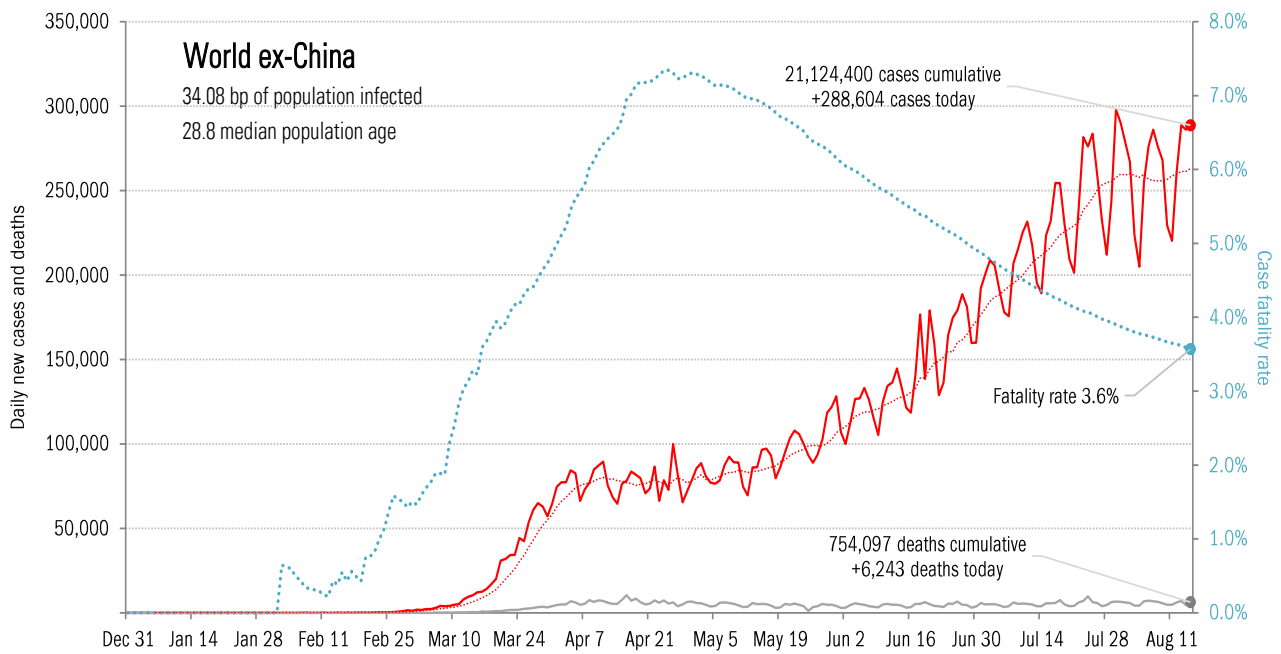
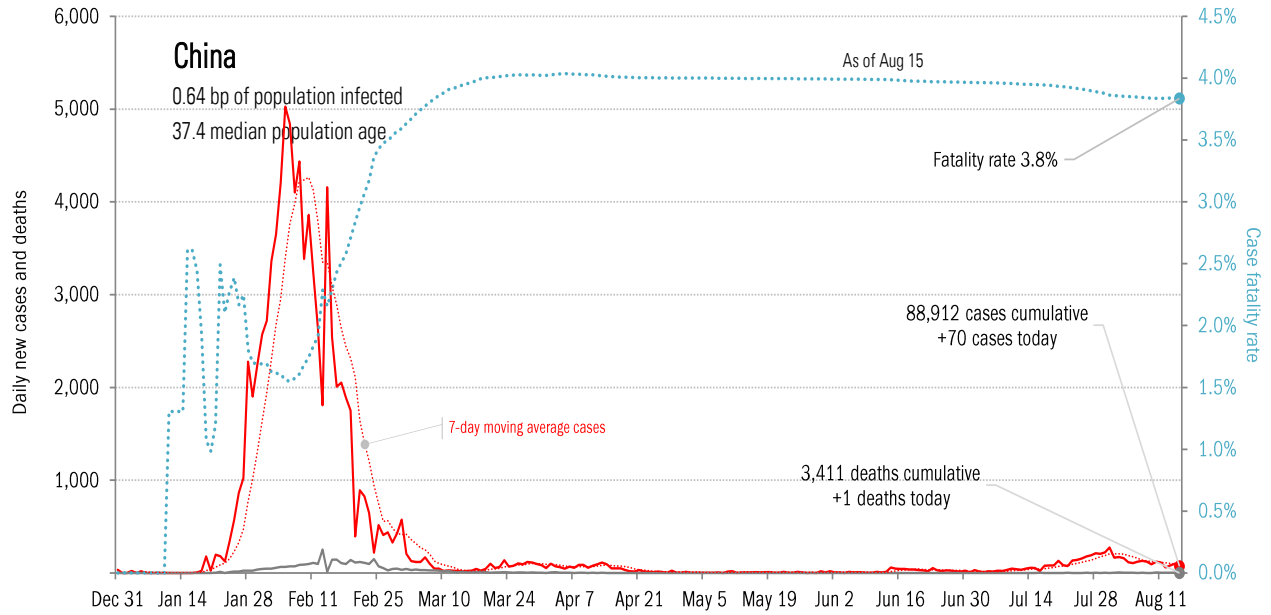
Source: [ECDC](#), TrendMacro calculations

The sun-belt hot-spot states (other than Texas)



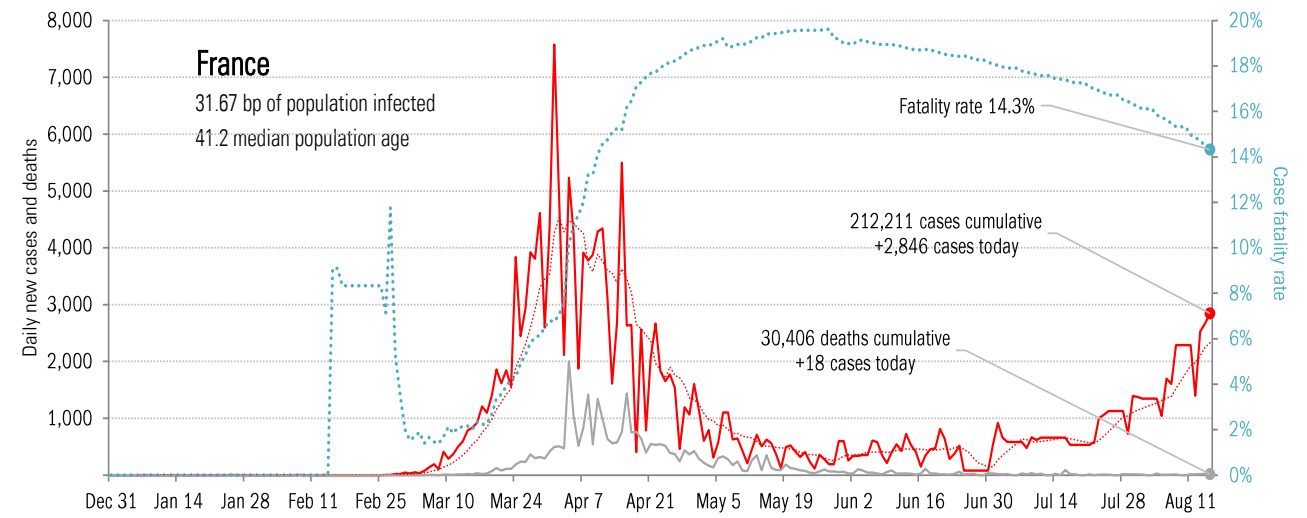
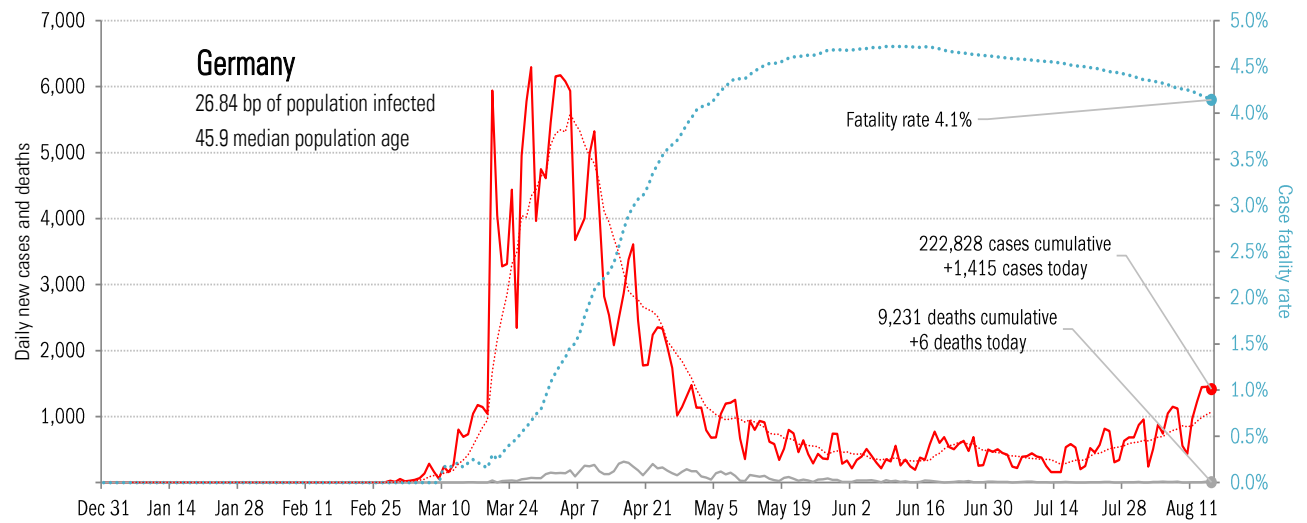
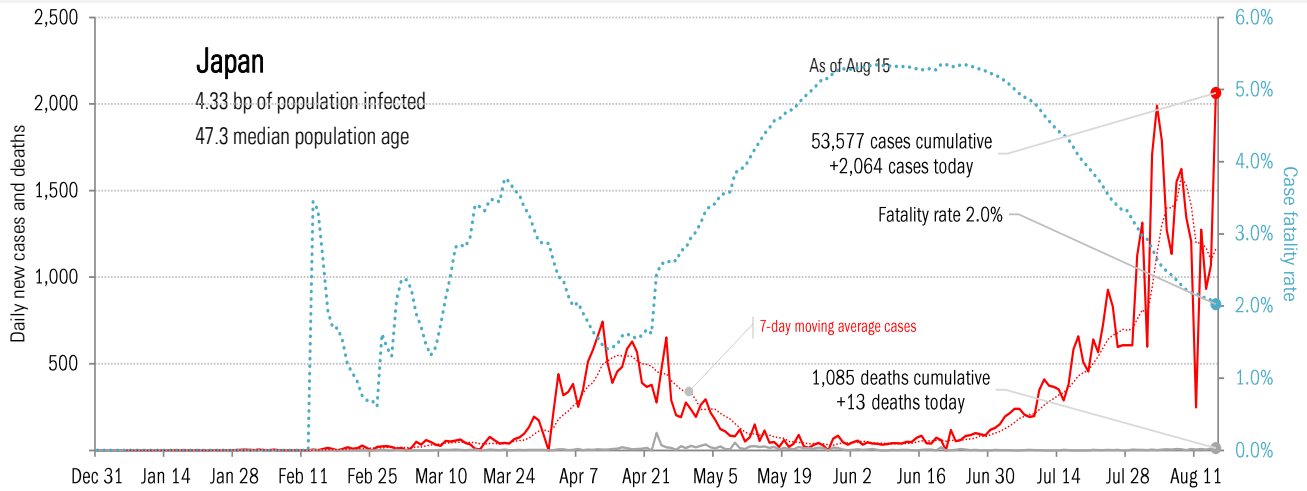
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



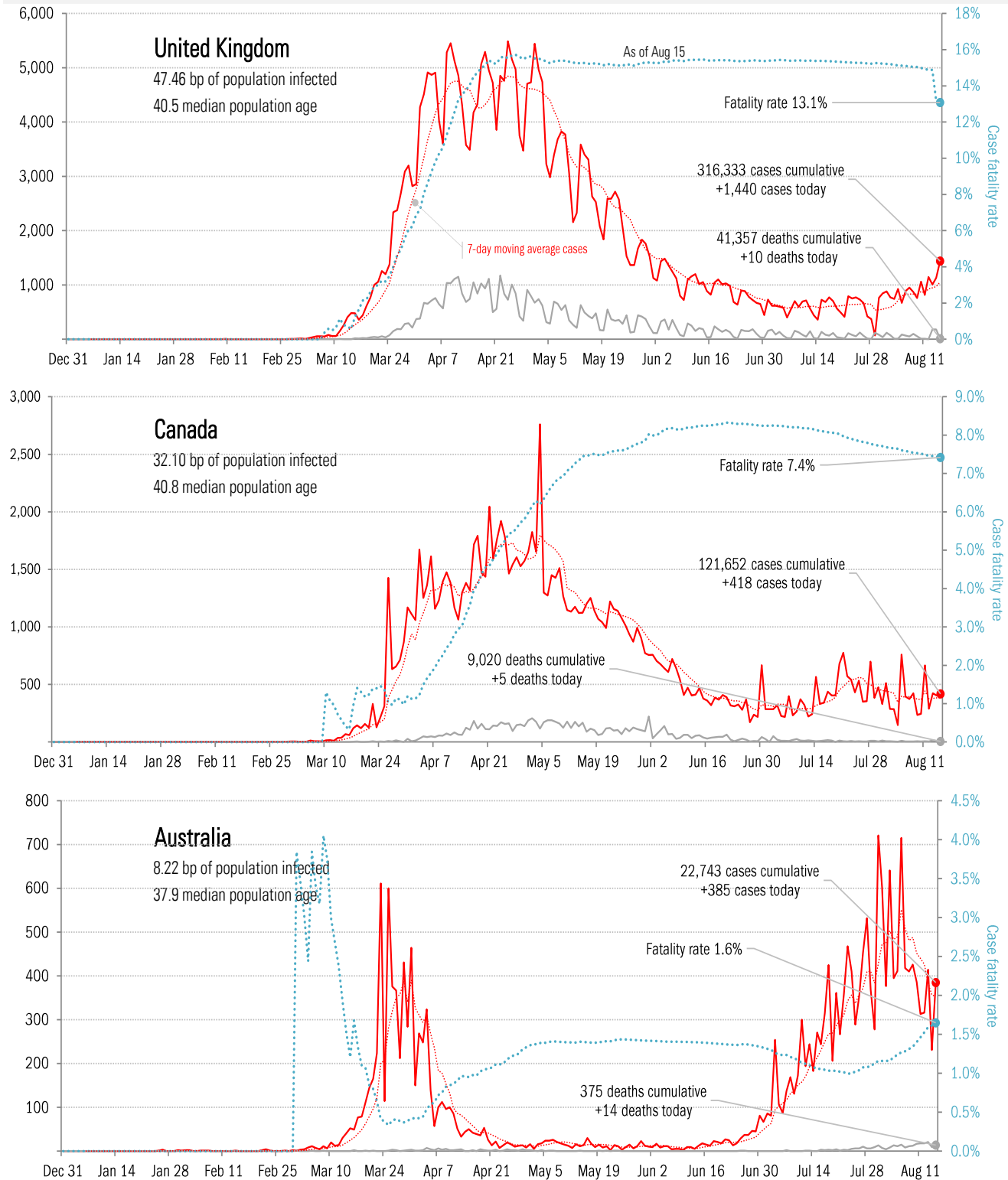
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



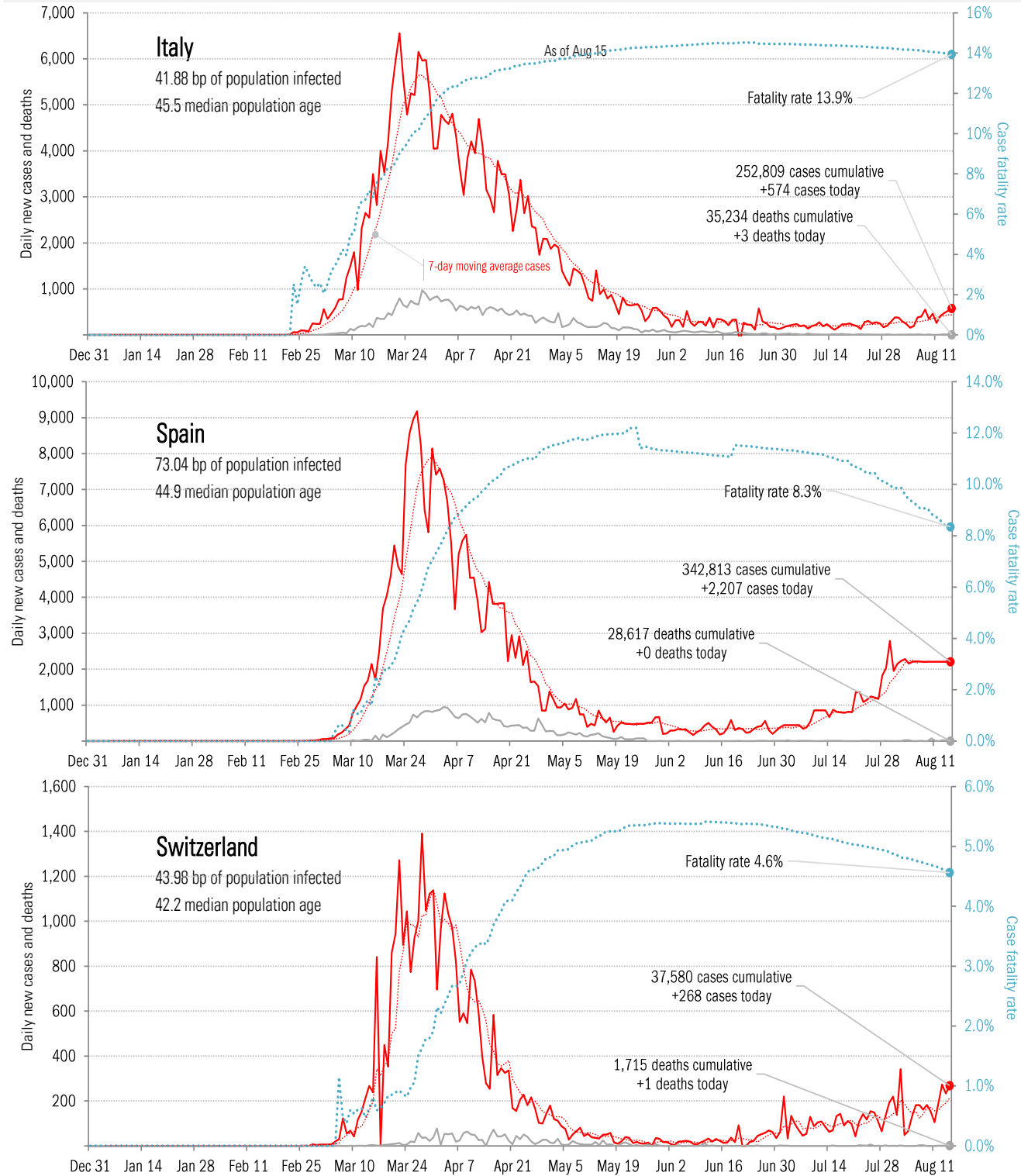
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



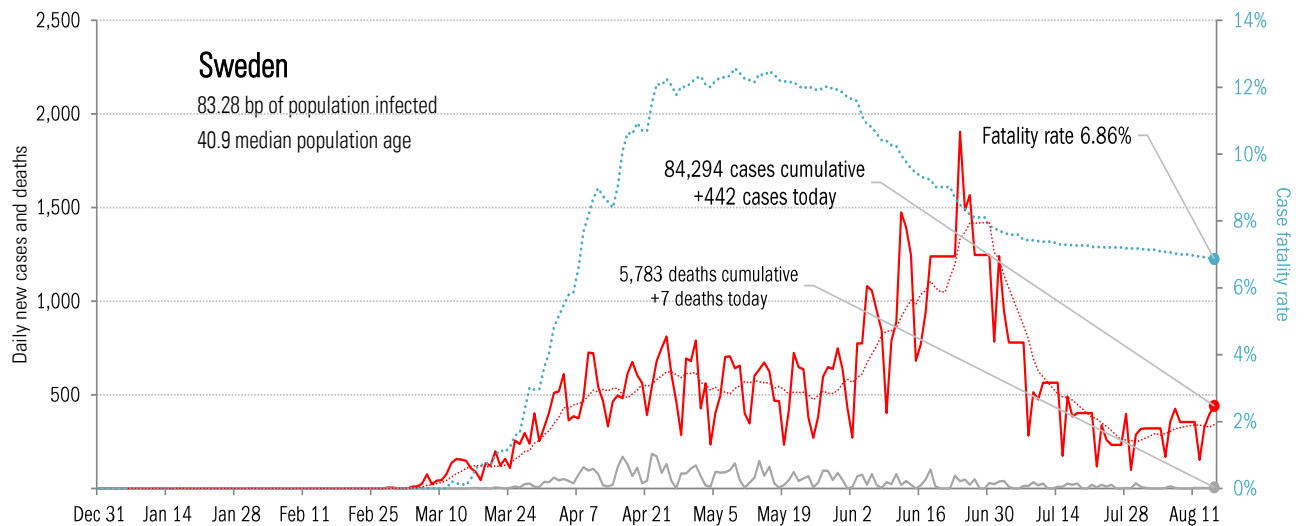
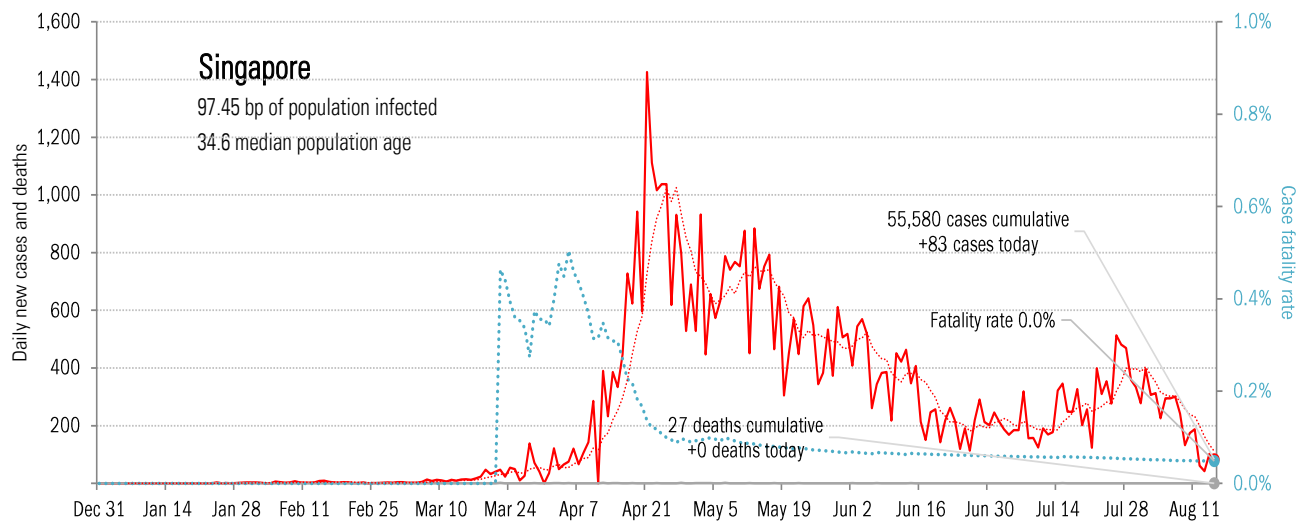
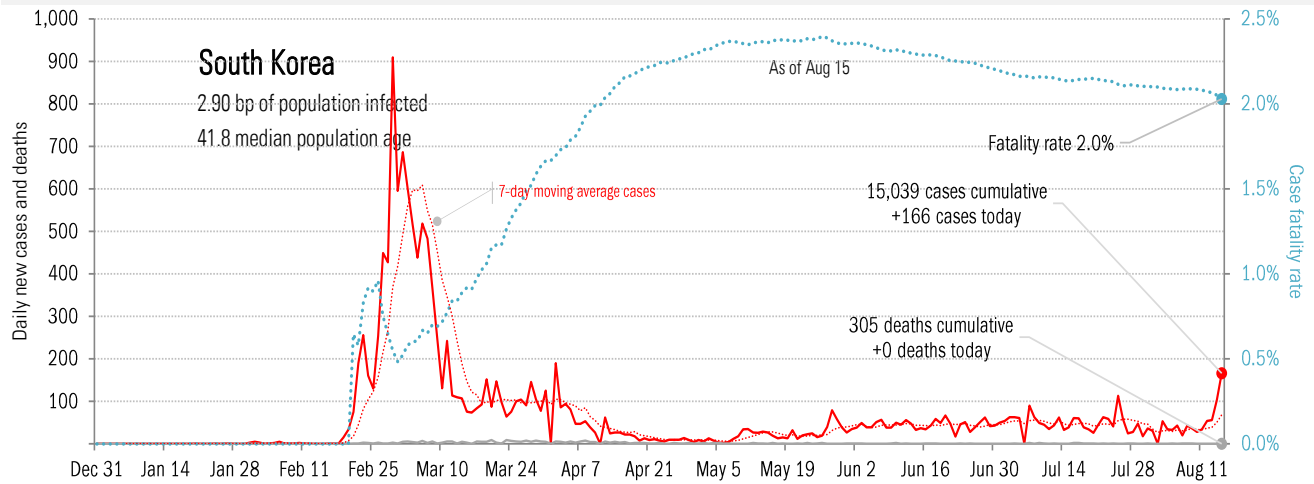
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



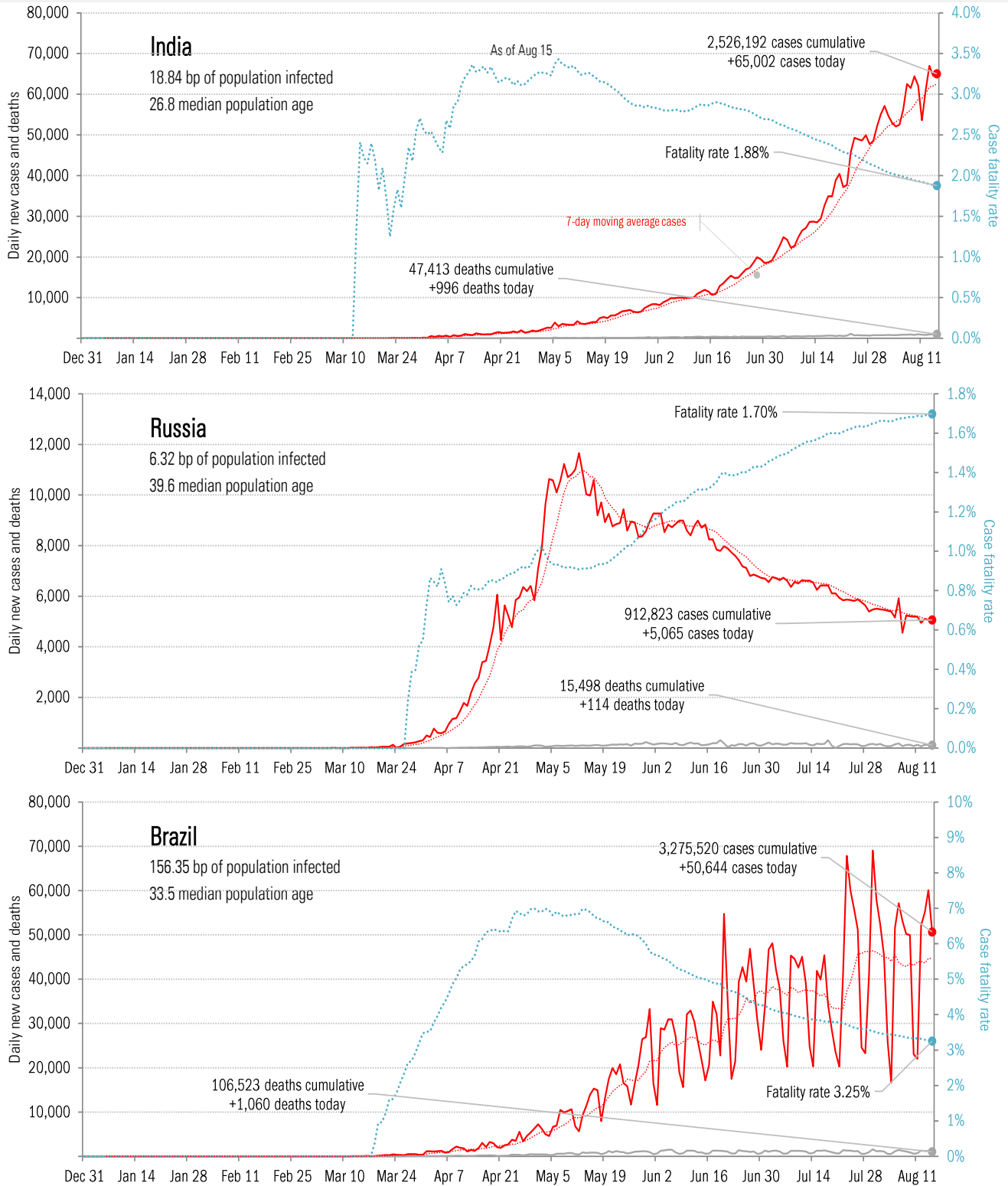
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



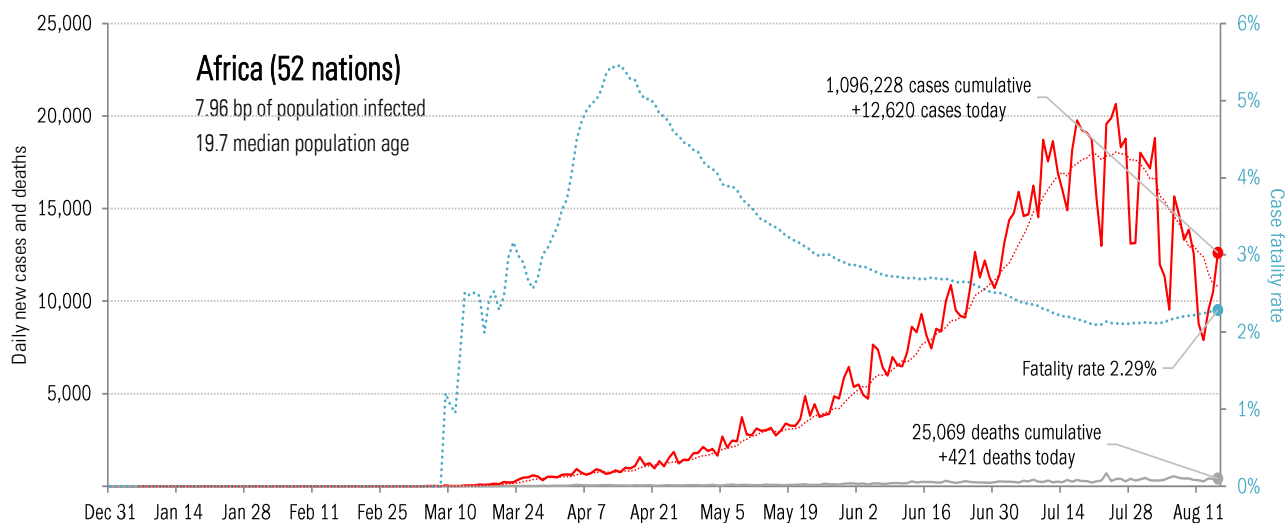
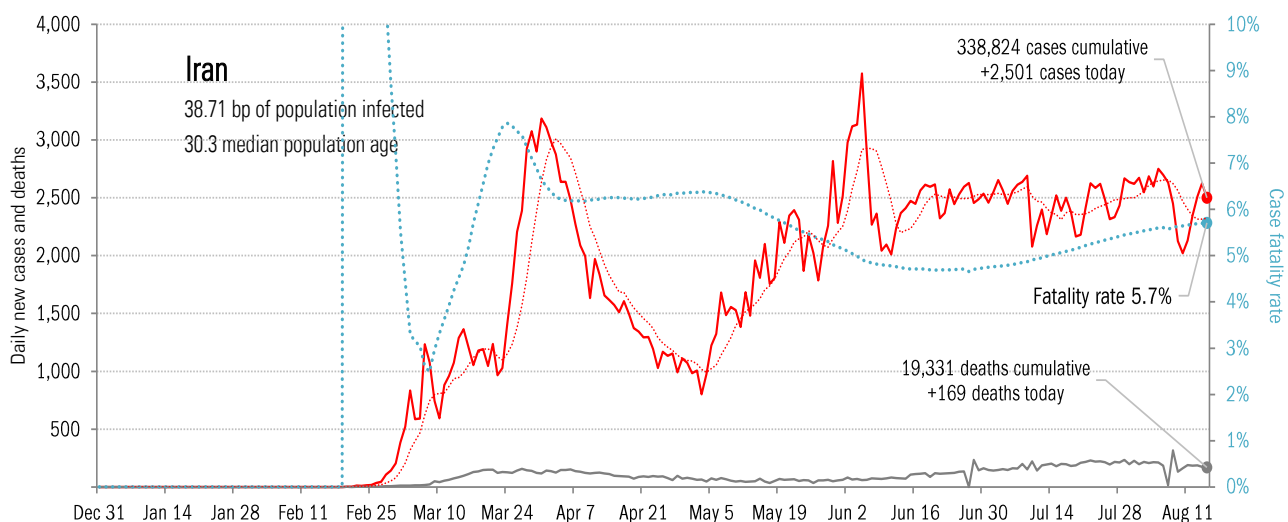
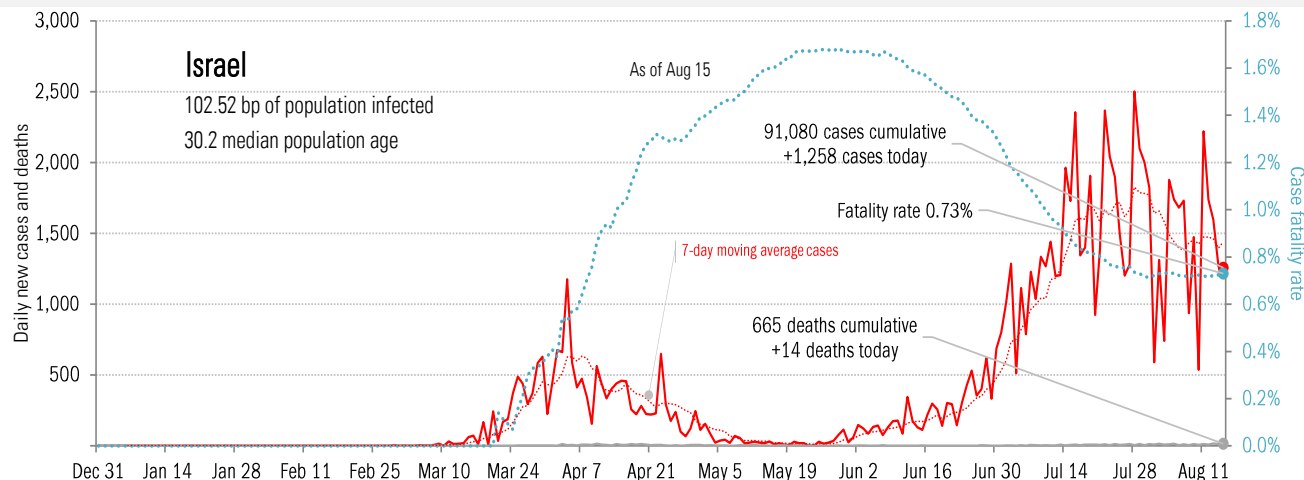
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations