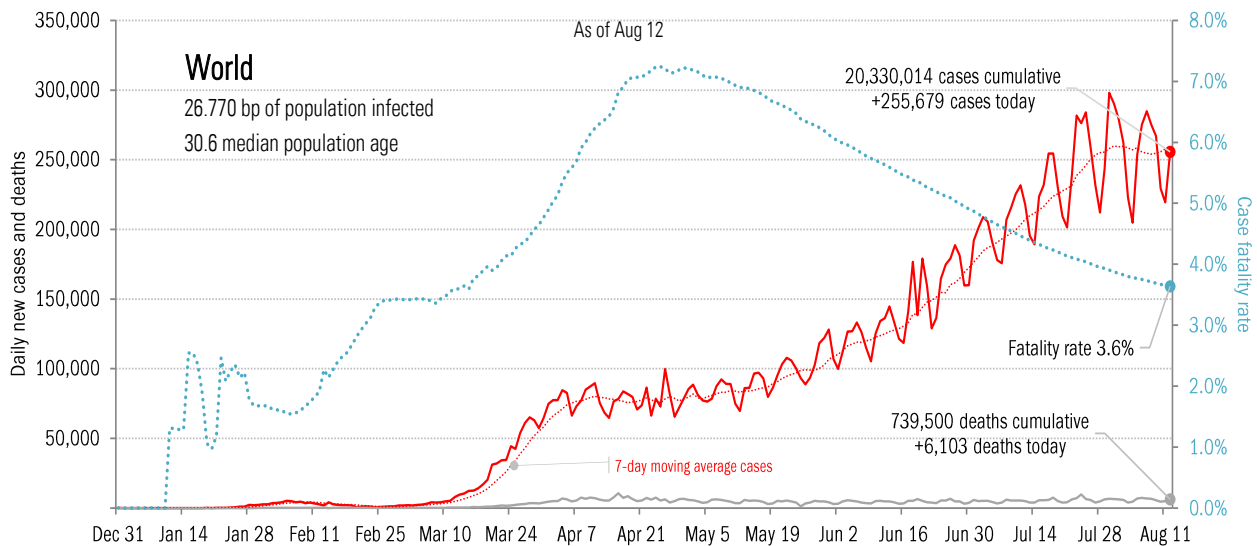
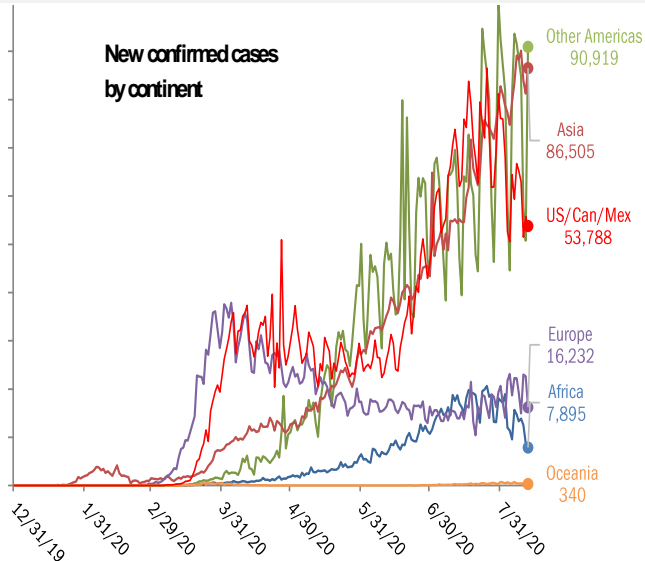


Data Insights: Covid-2019 Monitor

Wednesday, August 12, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+60,963	Brazil	+1,274
Brazil	+52,160	US	+1,076
US	+46,813	Mexico	+926
Colombia	+12,830	India	+834
Argentina	+7,369	Colombia	+321
Mexico	+6,686	Peru	+225
Peru	+6,547	Iran	+184
Russia	+4,945	Argentina	+151
Iraq	+3,396	South_Africa	+130
Bangladesh	+2,996	Russia	+70
+204,705		+5,191	
World	+255,679	World	+6,103
Top ten	80%	Top ten	85%



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

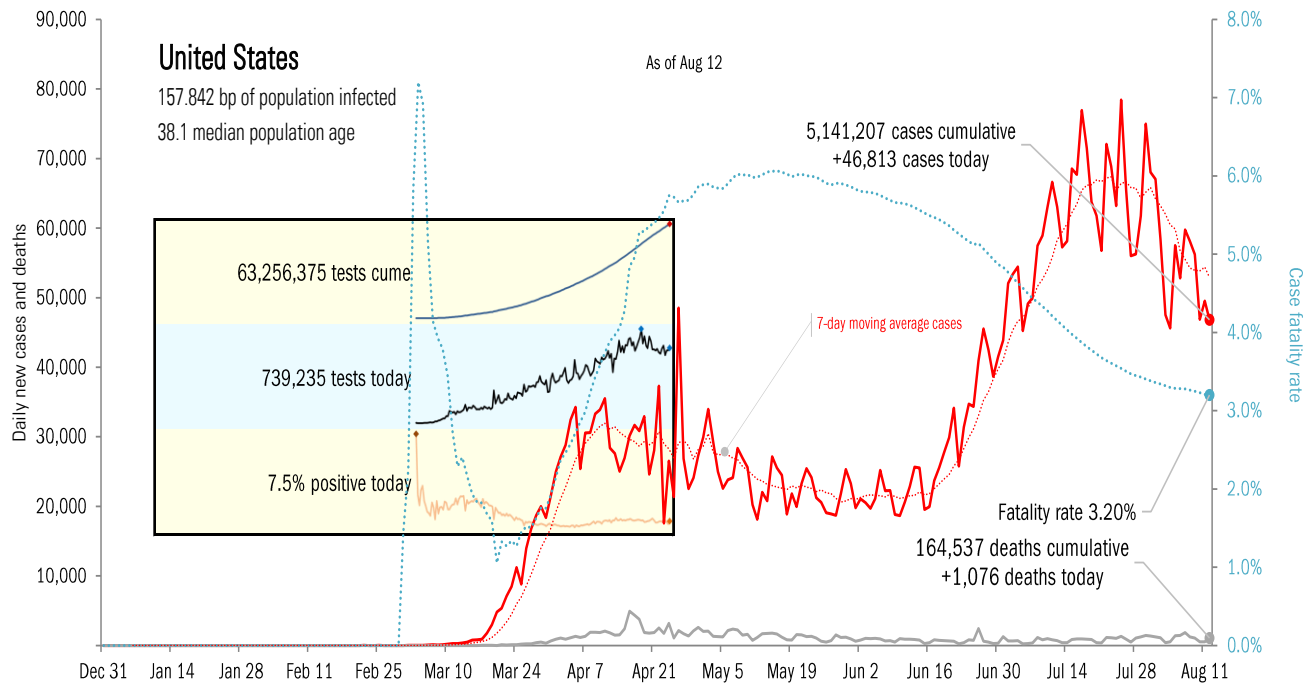
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
CA	+12,500	FL	+277	FL	+573	CA	574,411	NY	25,211	NY	89,995
TX	+9,803	TX	+220	GA	+355	FL	542,792	NJ	15,890	FL	31,750
FL	+5,831	GA	+122	SC	+329	TX	500,620	CA	10,468	NJ	22,052
GA	+3,563	CA	+109	IN	+245	NY	422,003	MA	8,751	GA	21,031
IL	+1,549	AL	+50	VA	+233	GA	222,588	TX	8,710	AZ	19,292
AZ	+1,214	SC	+49	OK	+135	IL	198,248	FL	8,685	VA	14,445
LA	+1,164	AZ	+45	CH	+131	AZ	188,737	IL	7,866	MD	13,266
CH	+1,095	TN	+38	TN	+125	NJ	185,475	PA	7,352	MA	12,089
NC	+1,051	CH	+35	AR	+65	NC	137,895	MI	6,533	AL	12,070
TN	+1,001	PA	+35	WI	+61	LA	133,125	CT	4,444	CH	11,760
+38,771		+980		+2,252		3,106,894		103,910		247,750	
All states	+55,594	All states	+1,326	All states	+2,715	All states	5,116,474	All states	156,273	All states	337,062
Top ten	70%	Top ten	74%	Top ten	83%	Top ten	61%	Top ten	66%	Top ten	74%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
MO	-1,594	KS	-7	AL	-533	NC	+11,876
KS	-1,092	UT	-5	WA	-57	TX	+8,479
AL	-855	CT	-3	MD	-51	MS	+7,445
MN	-295	ND	-2	KS	-36	SC	+3,039
AR	-262	MO	-1	CR	-25	IN	+2,281



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

Recommended reading

[A Report to Our Readers](#)

Almar Latour
Wall Street Journal
August 11, 2020

[Cruise Ship Owners Left Thousands of Workers Adrift for Months](#)

Rebecca Smith, Jacquie McNish and Suryatapa Bhattacharya
Wall Street Journal
August 11, 2020

[Retail Chains Abandon Manhattan: 'It's Unsustainable'](#)

Matthew Haag and Patrick McGeehan
New York Times
August 11, 2020

[Role of children in household transmission of COVID-19](#)

Jieun Kim et al.
Archives of Disease in Childhood
August 11, 2020

[Extreme poverty rises and a generation sees future slip away](#)

Elias Meseret and Cara Anna
AP
August 10, 2020

[Fear first, education last?](#)

Paul Peterson and Scott Atlas
The Hill
July 30, 2020

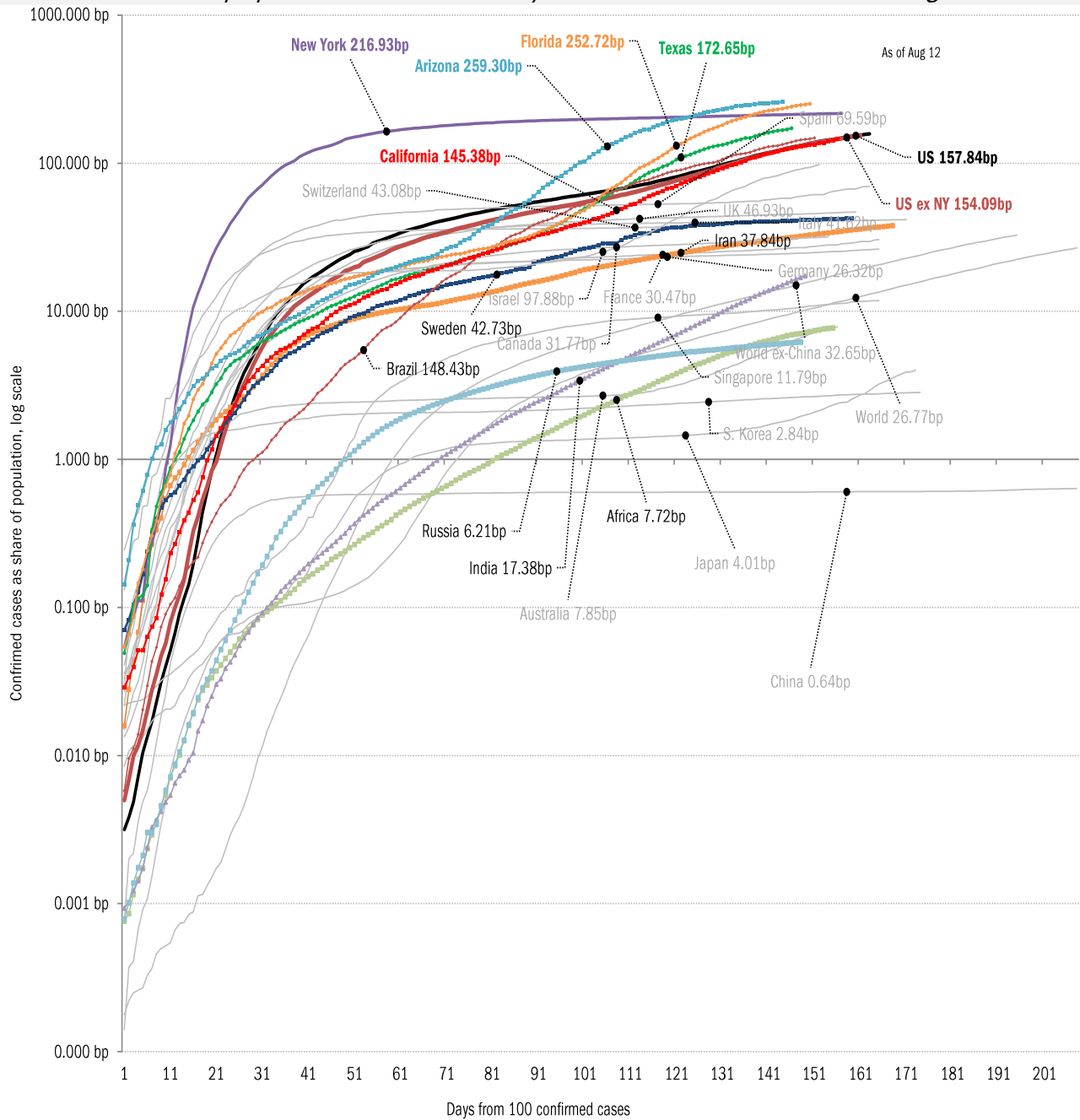
Meme of day

Back to the Future ...



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

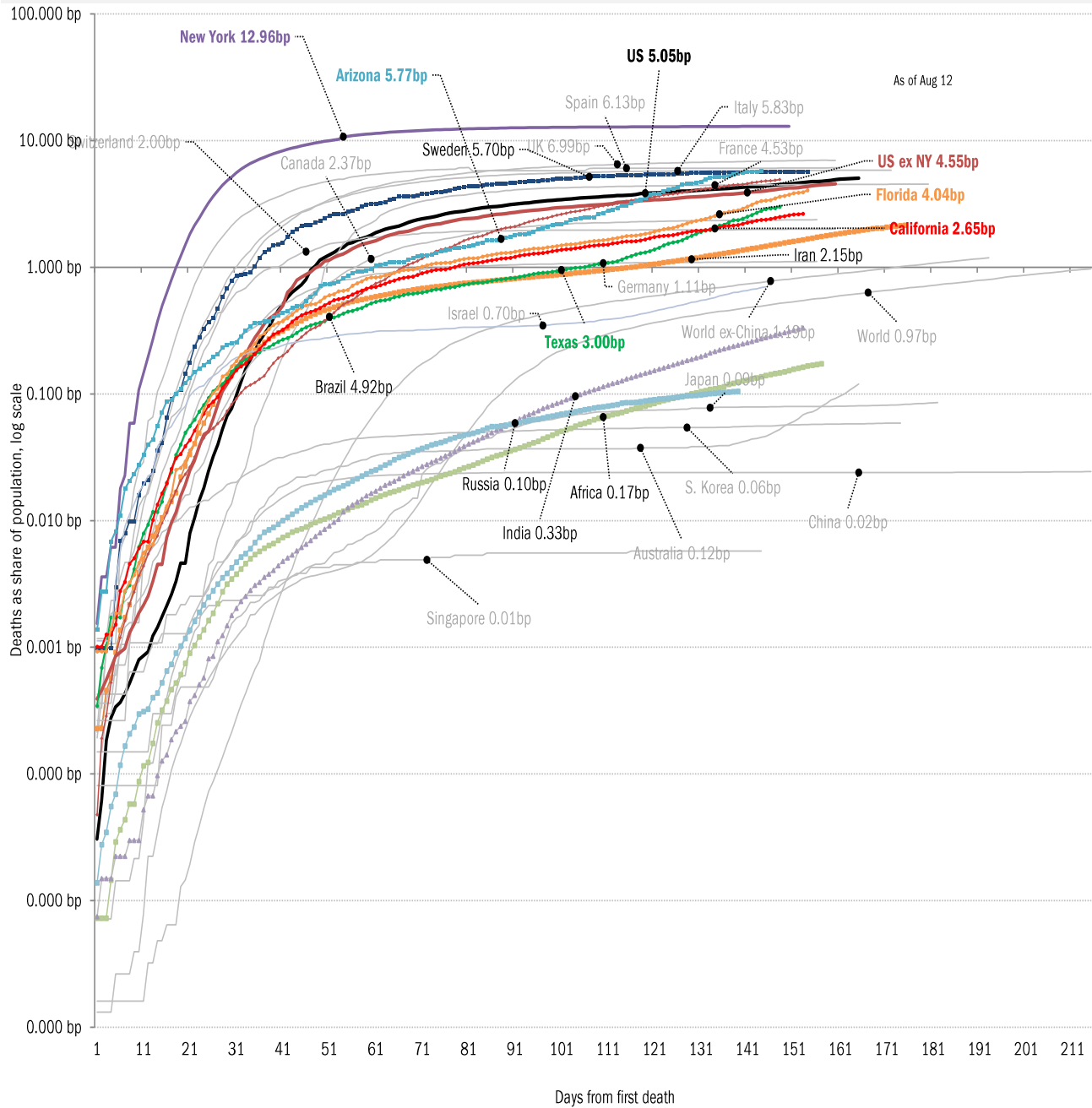
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

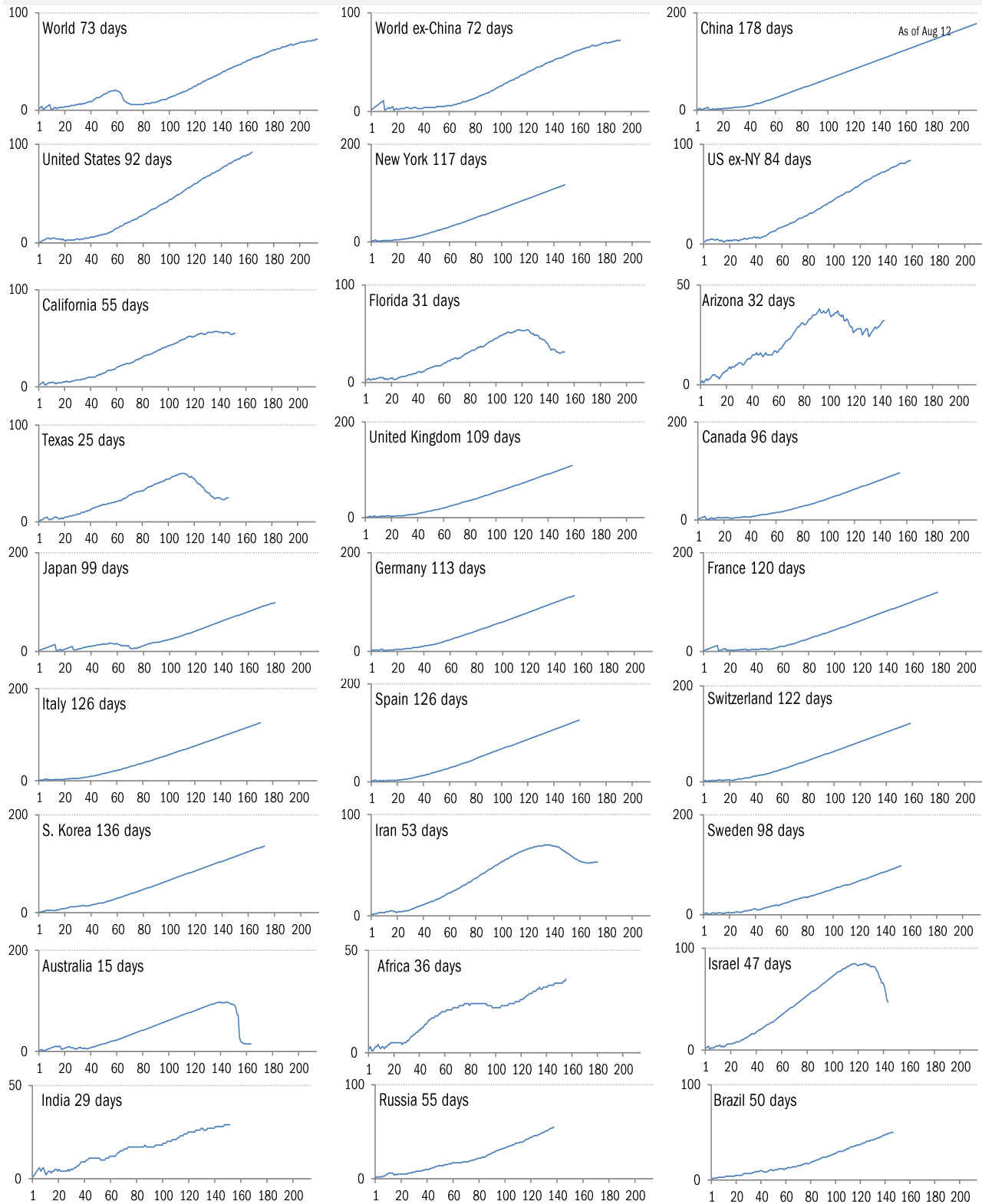
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

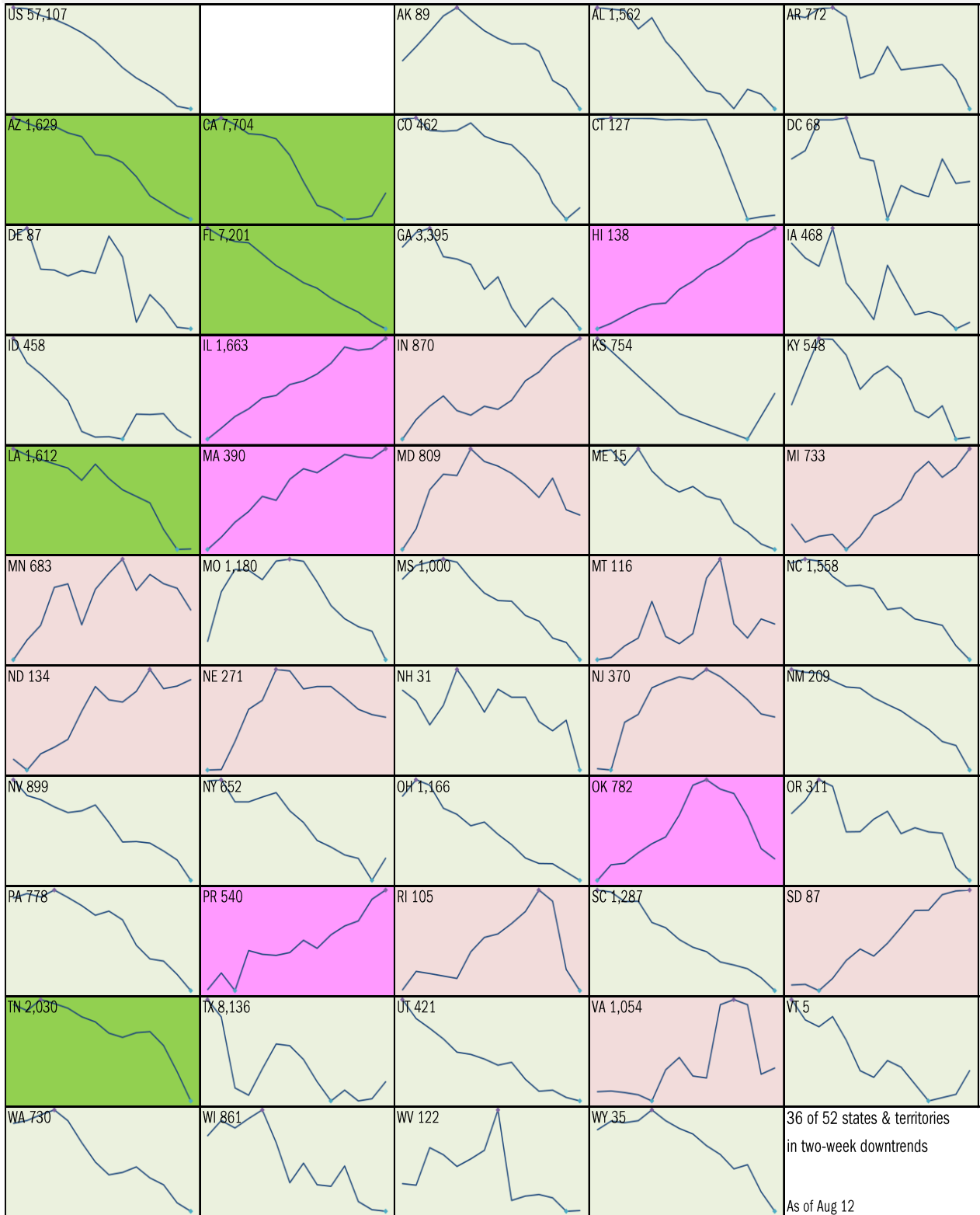
Our most reliable evidence of slowing exponential growth of Covid-2019

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

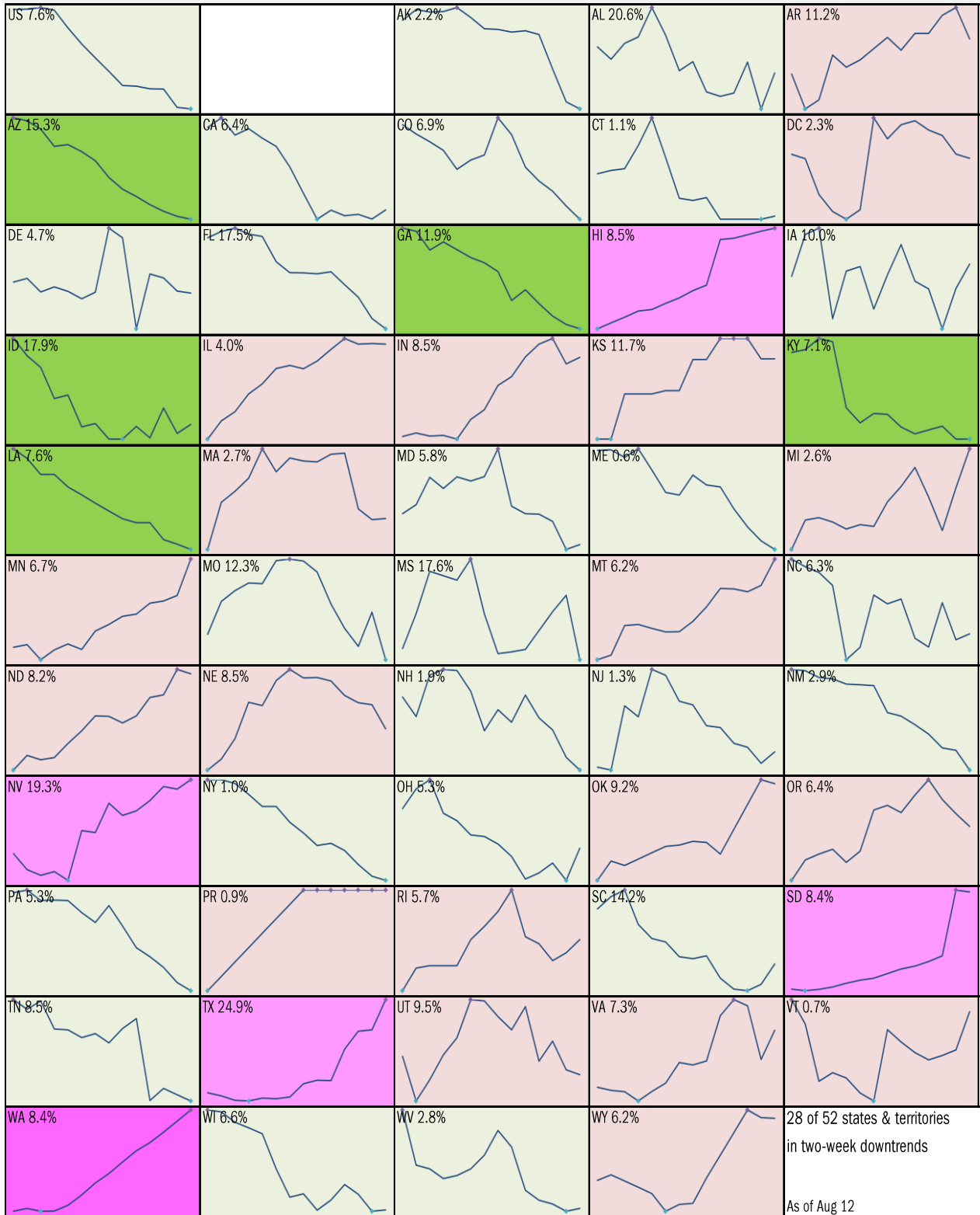


Source: [Covid Tracking Project](#), TrendMacro calculations

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



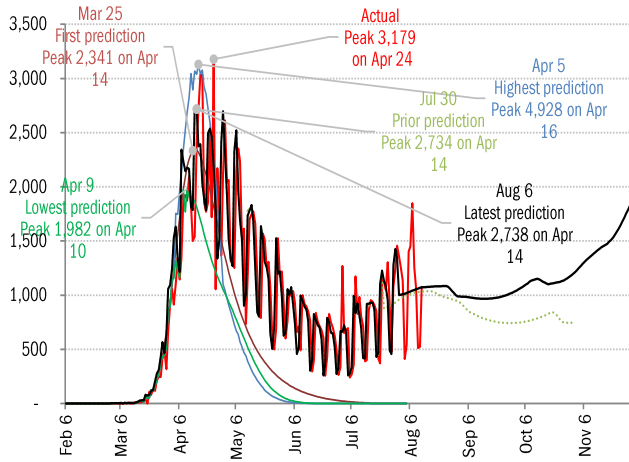
Source: [Covid Tracking Project](#), TrendMacro calculations

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

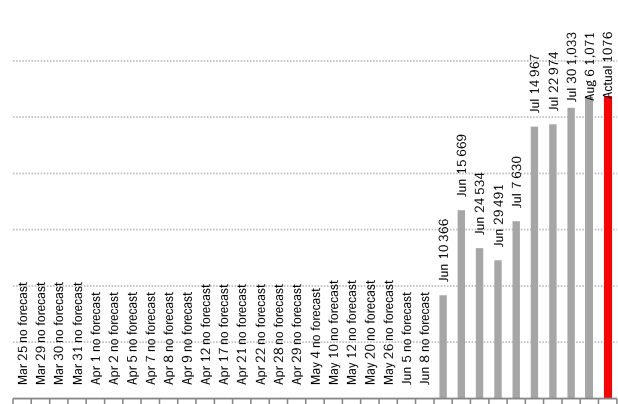
New daily fatalities

As of Aug 12

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

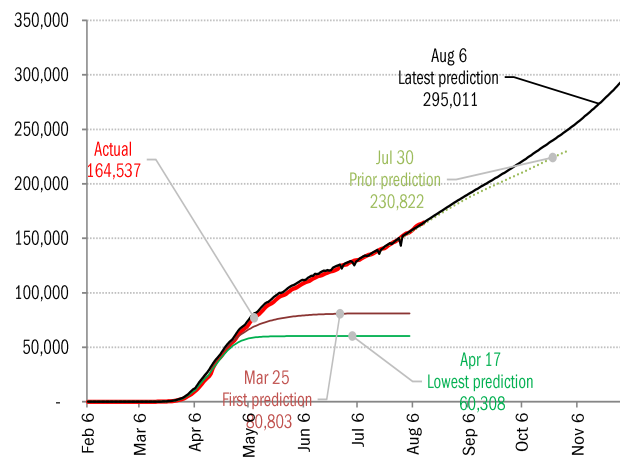


For this day, versus all model mean predictions

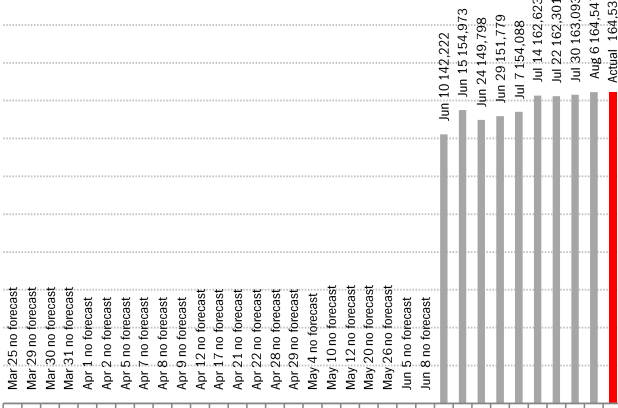


Cumulative fatalities

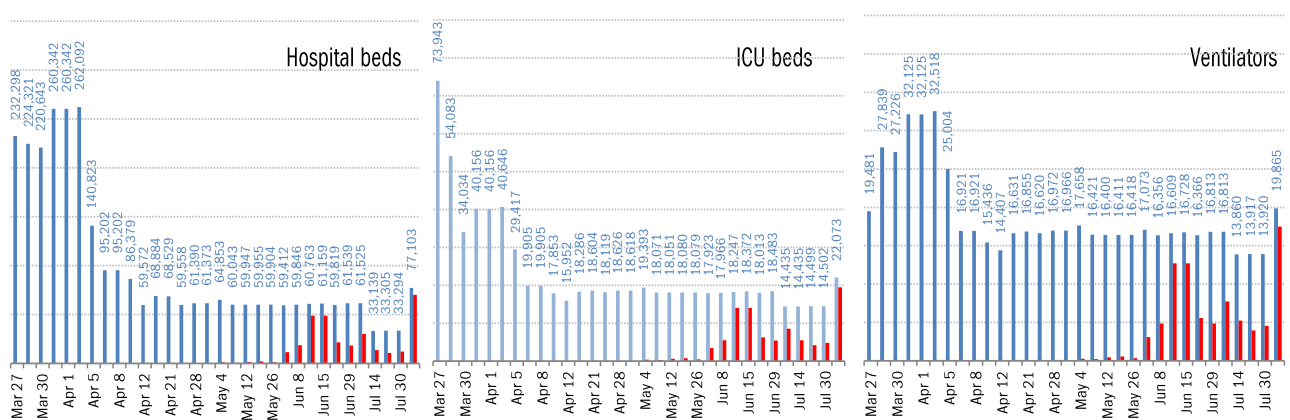
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

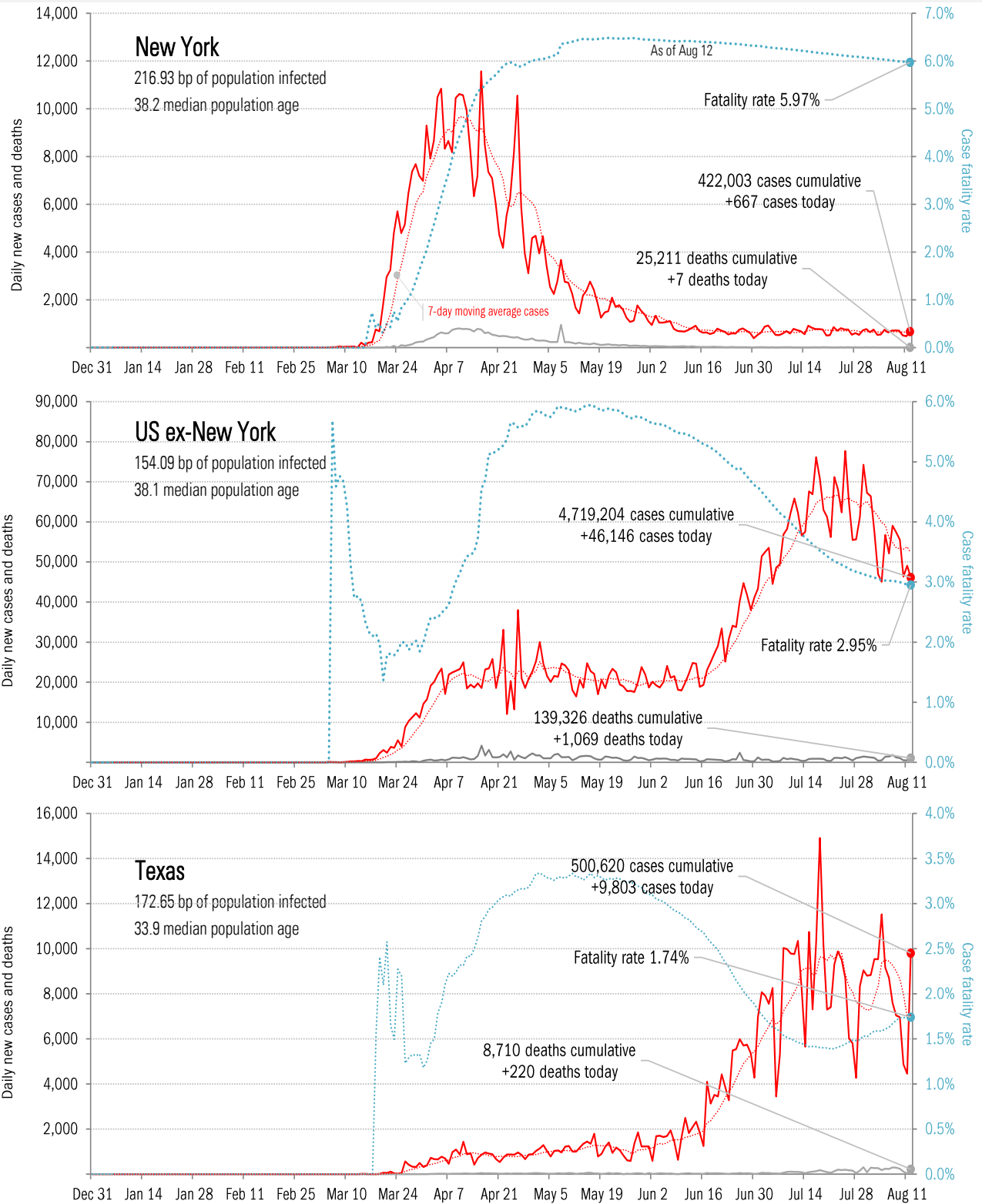


Healthcare system stress, **peak** and **ultimate** estimated at each model revision



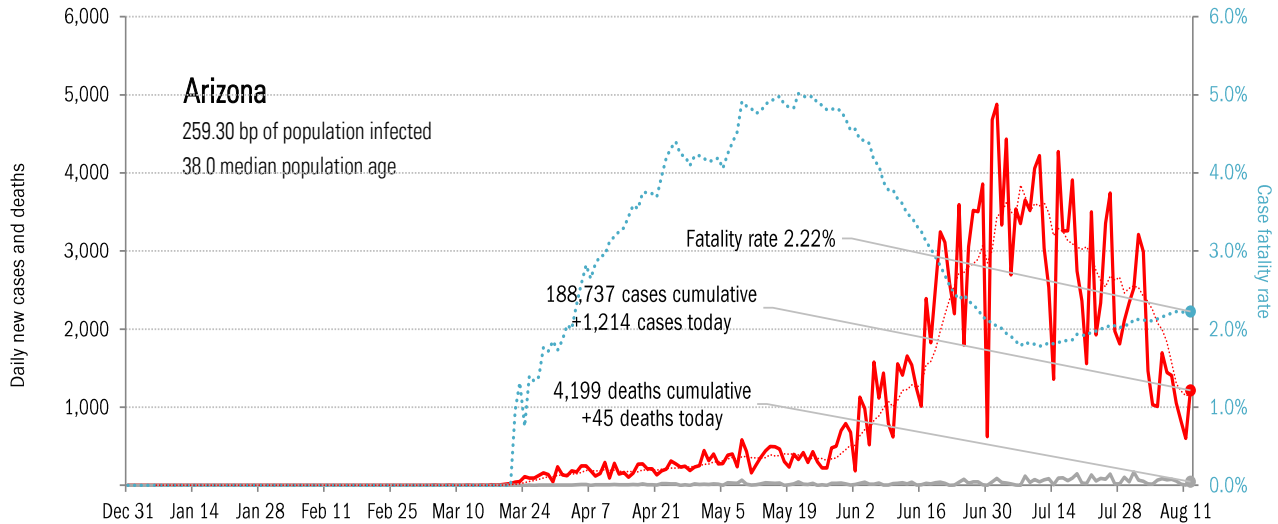
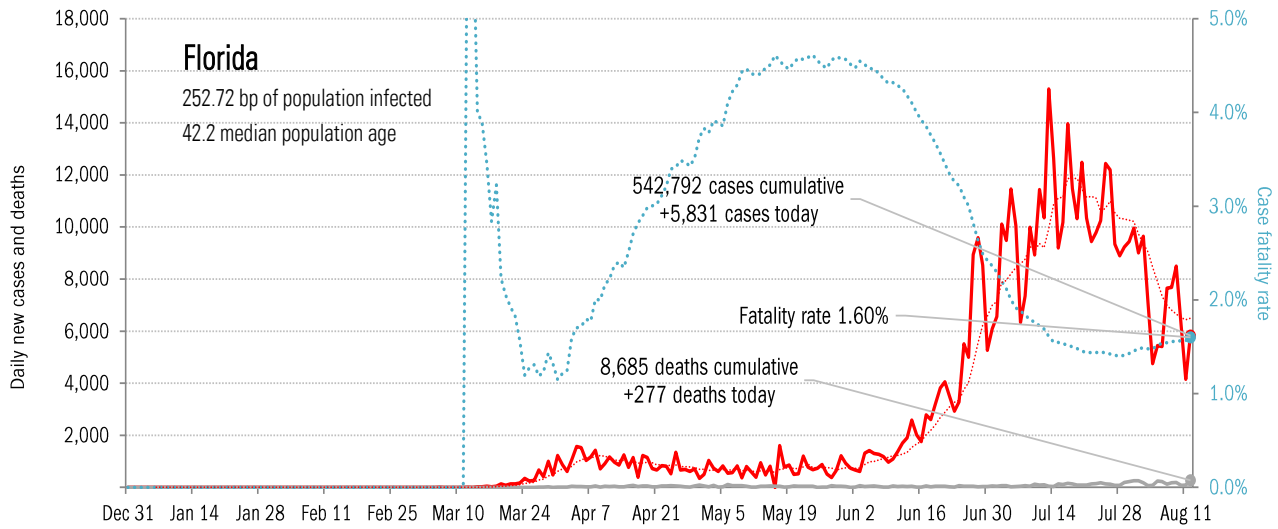
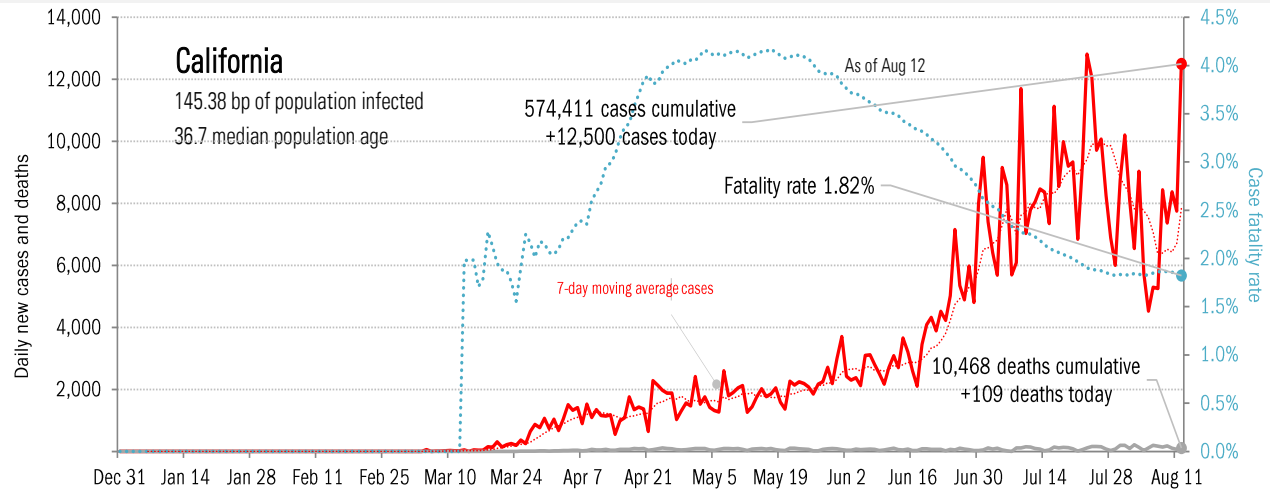
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



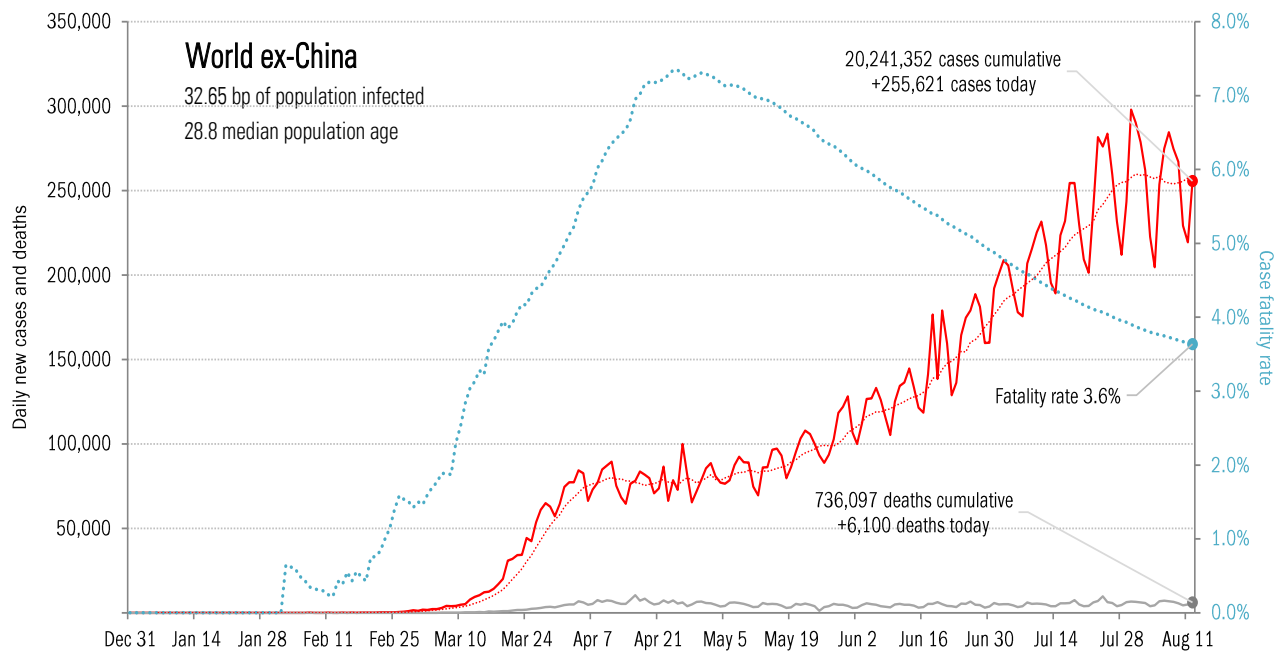
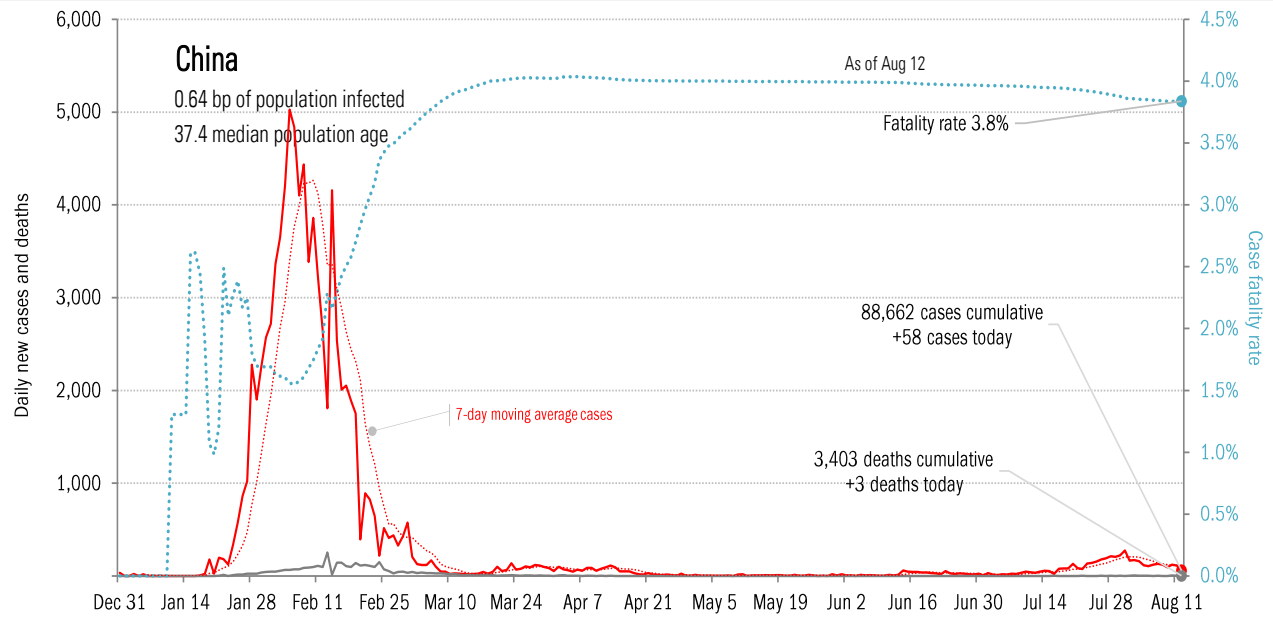
Source: [ECDC](#), TrendMacro calculations

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



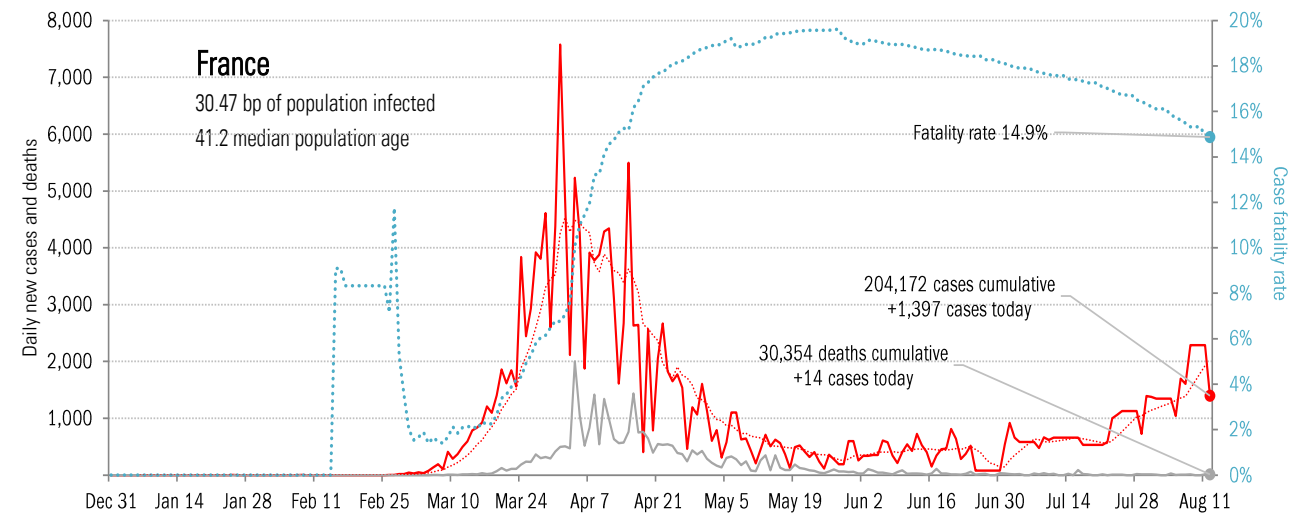
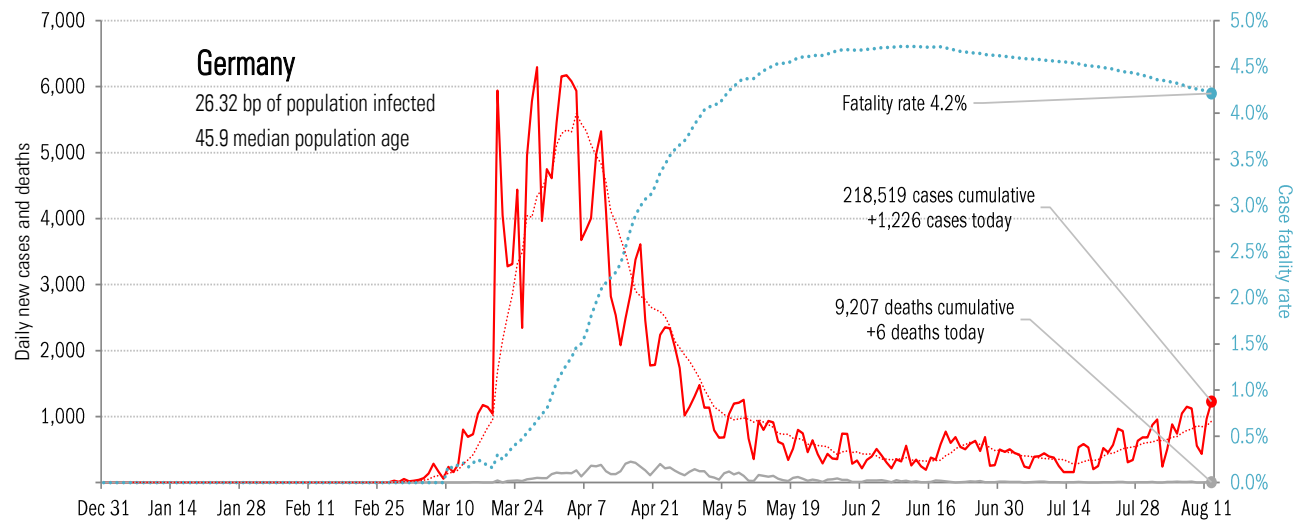
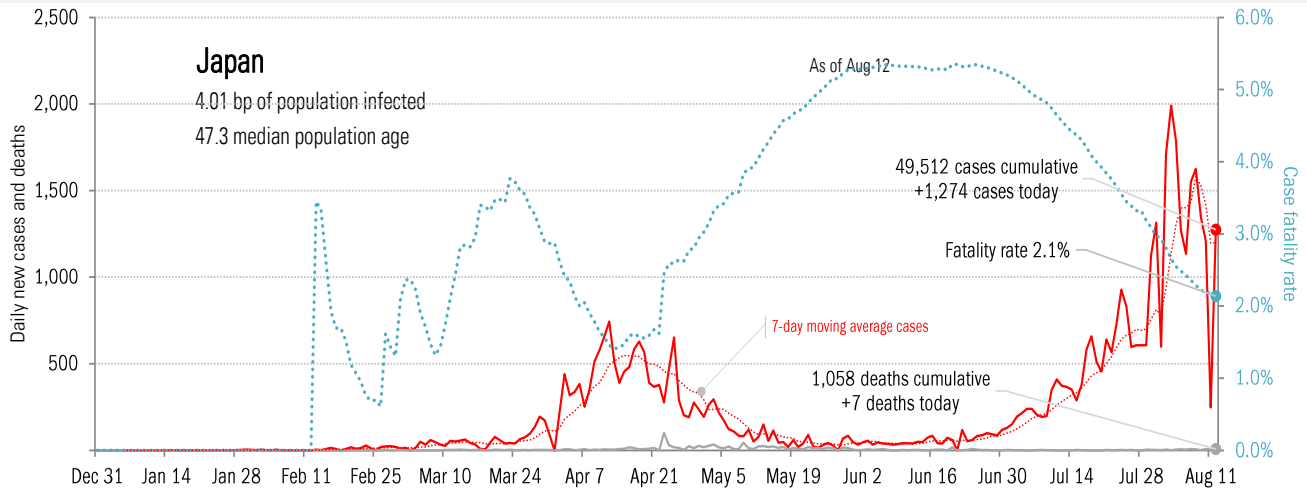
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



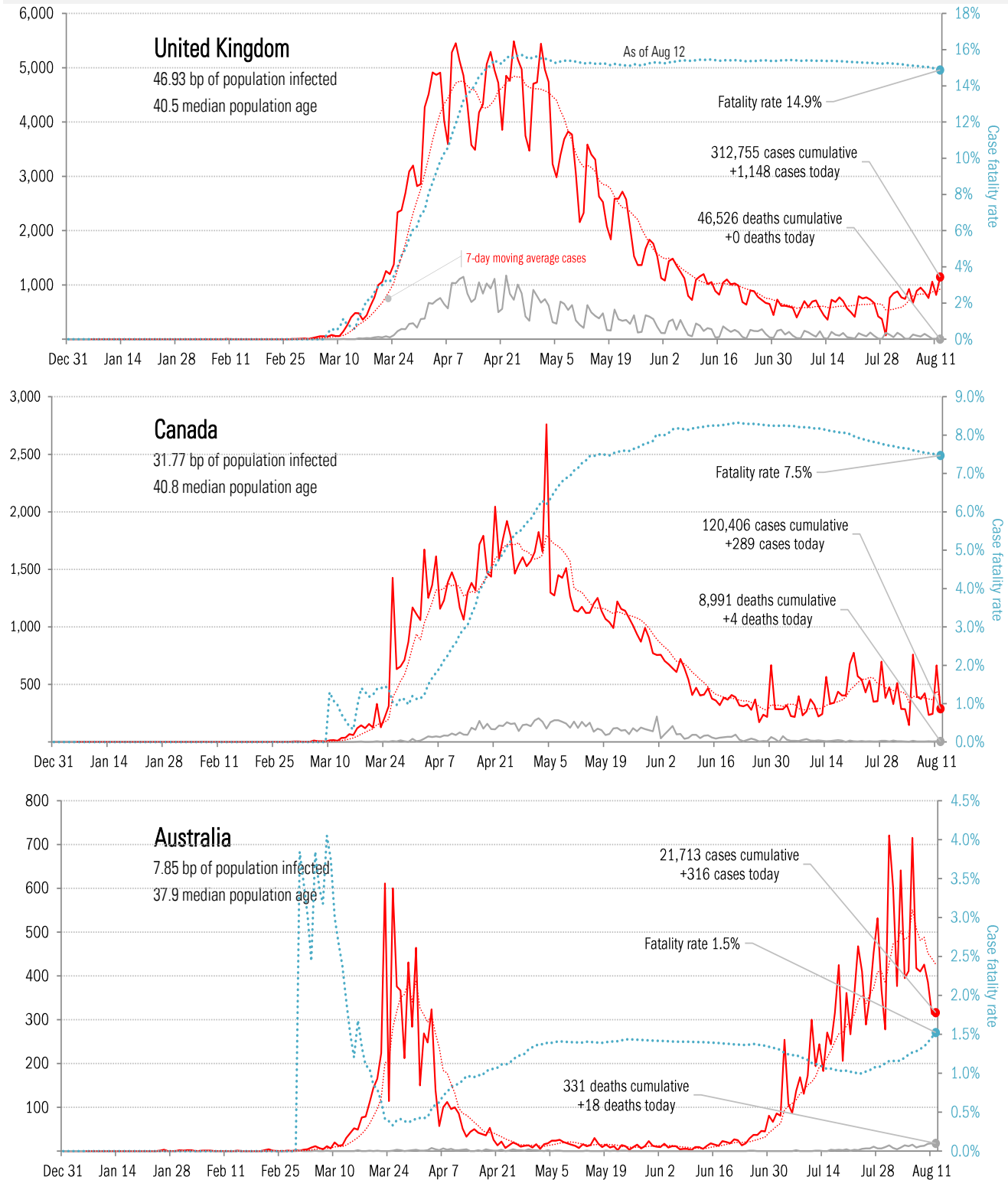
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



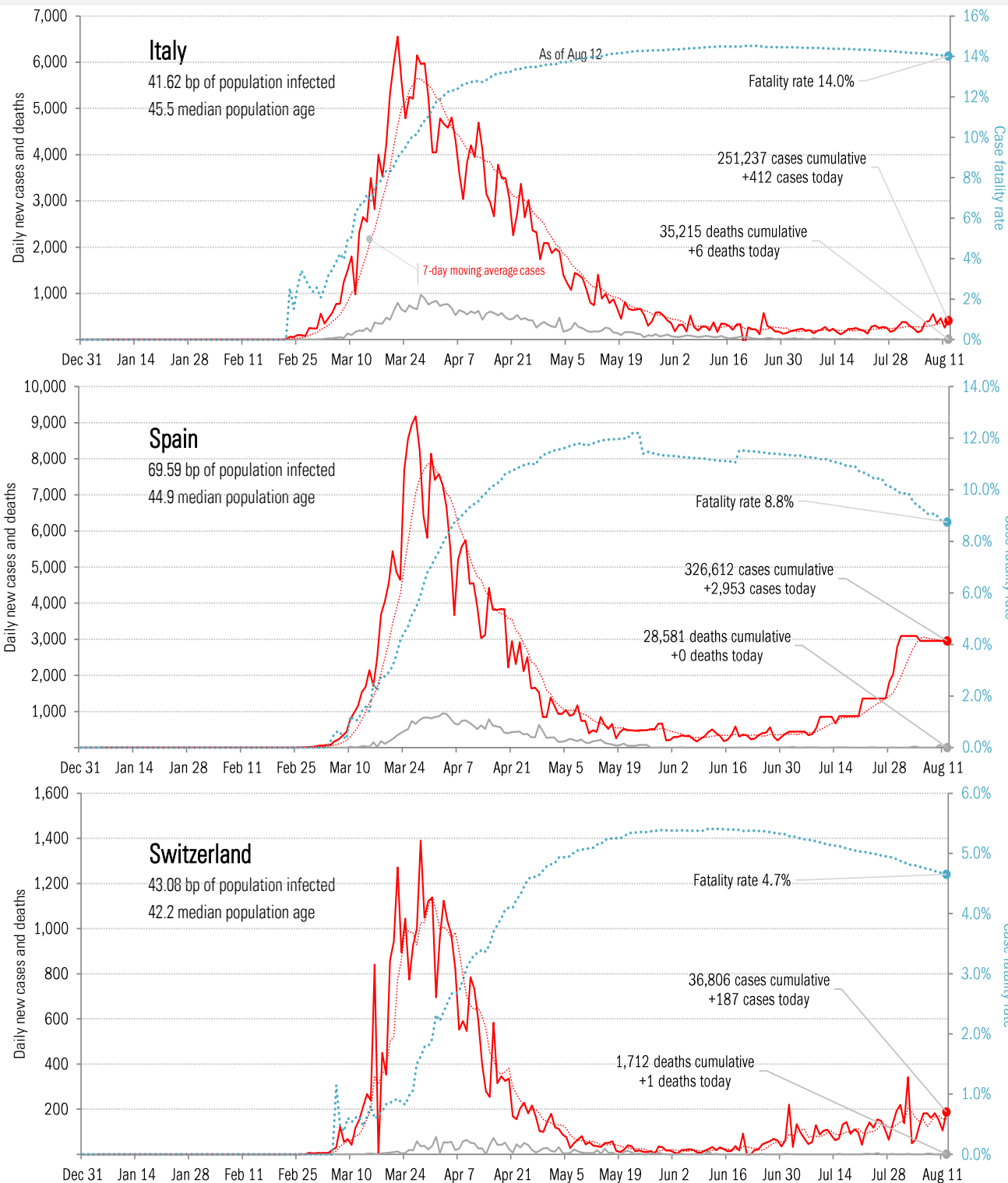
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



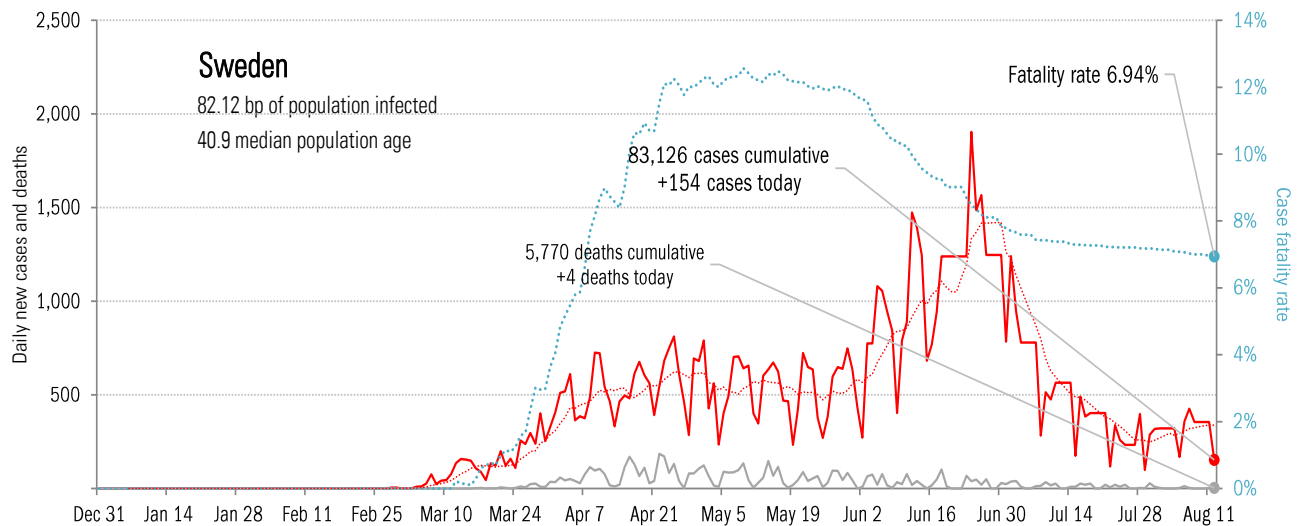
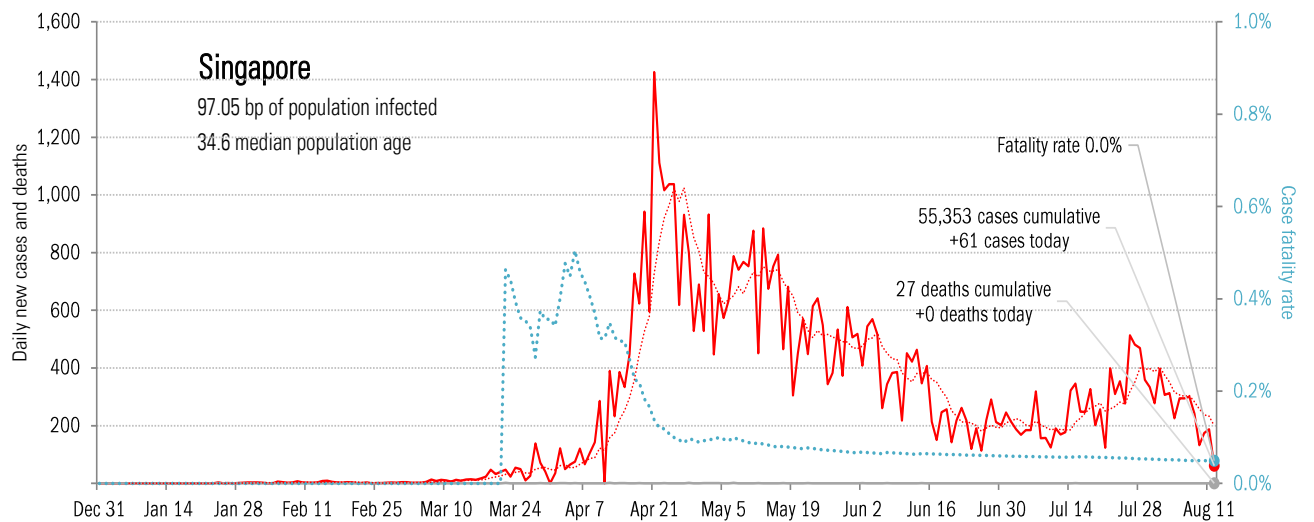
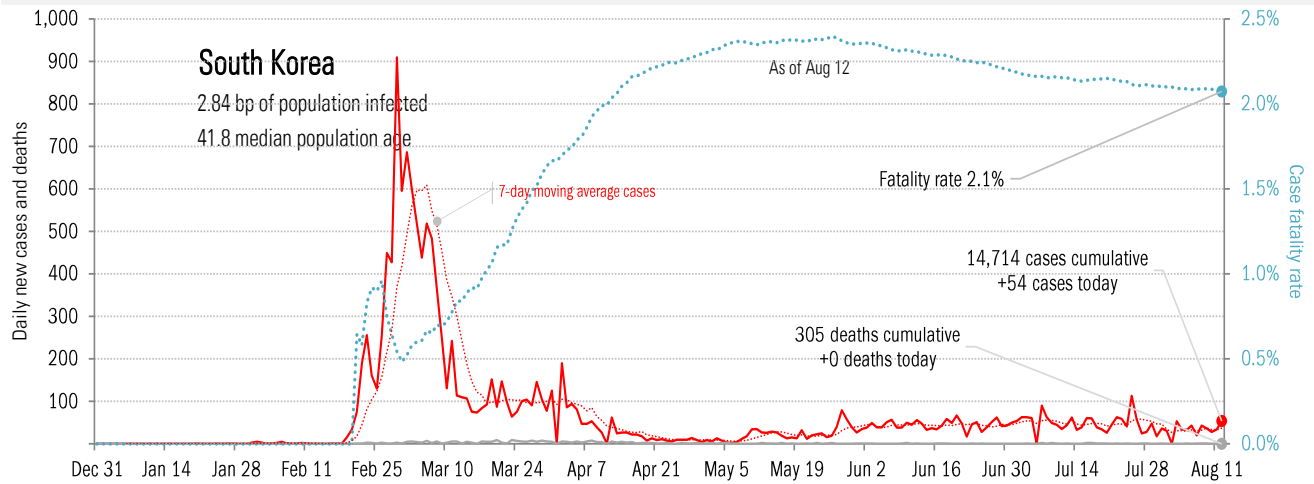
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



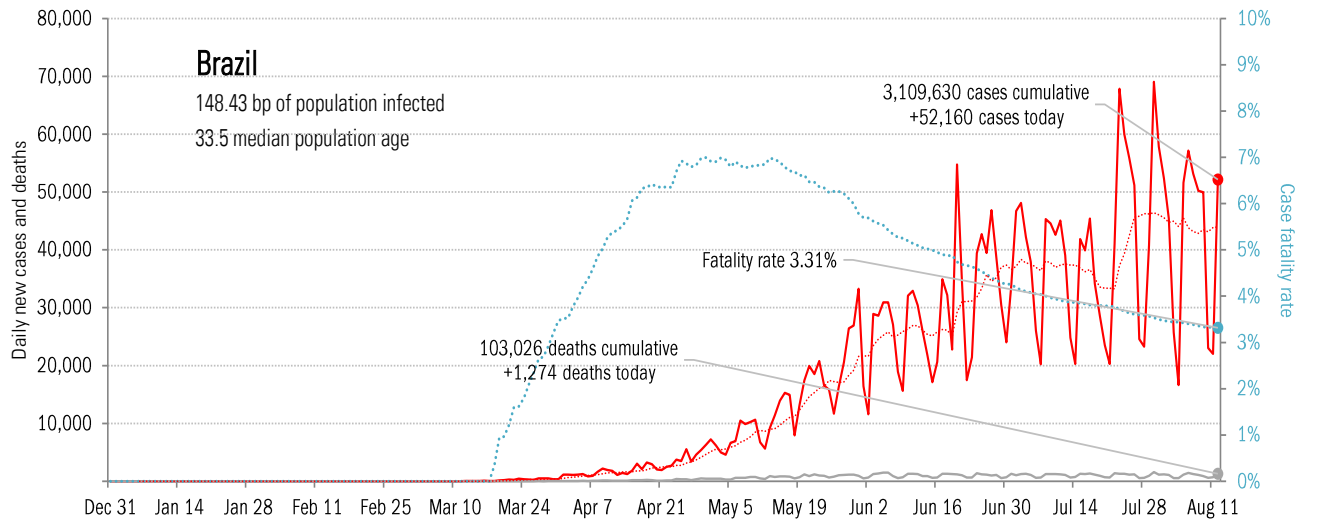
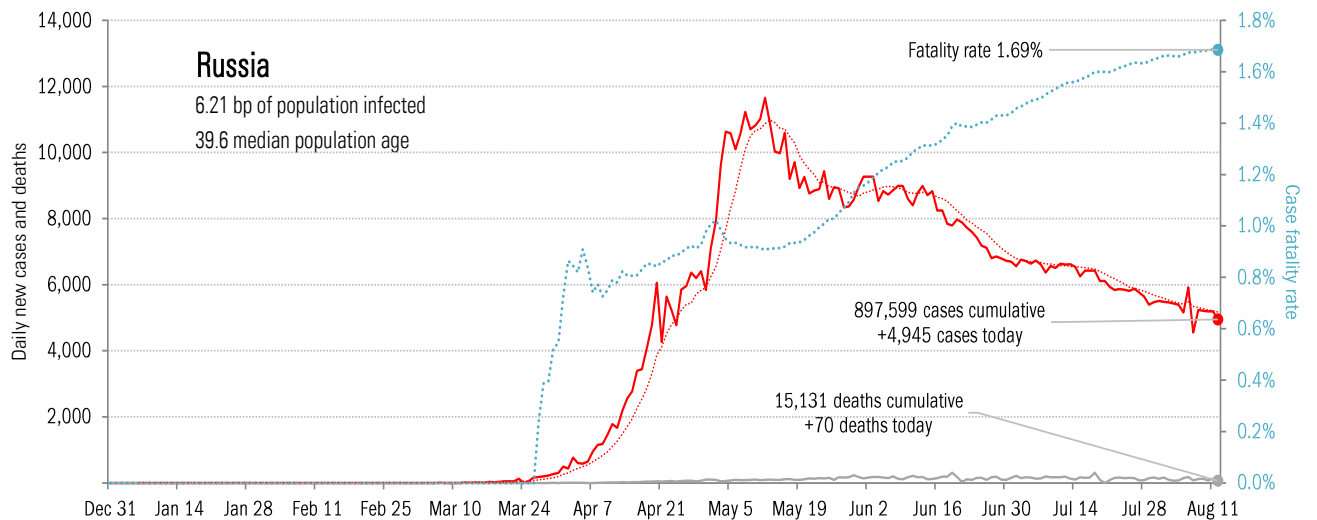
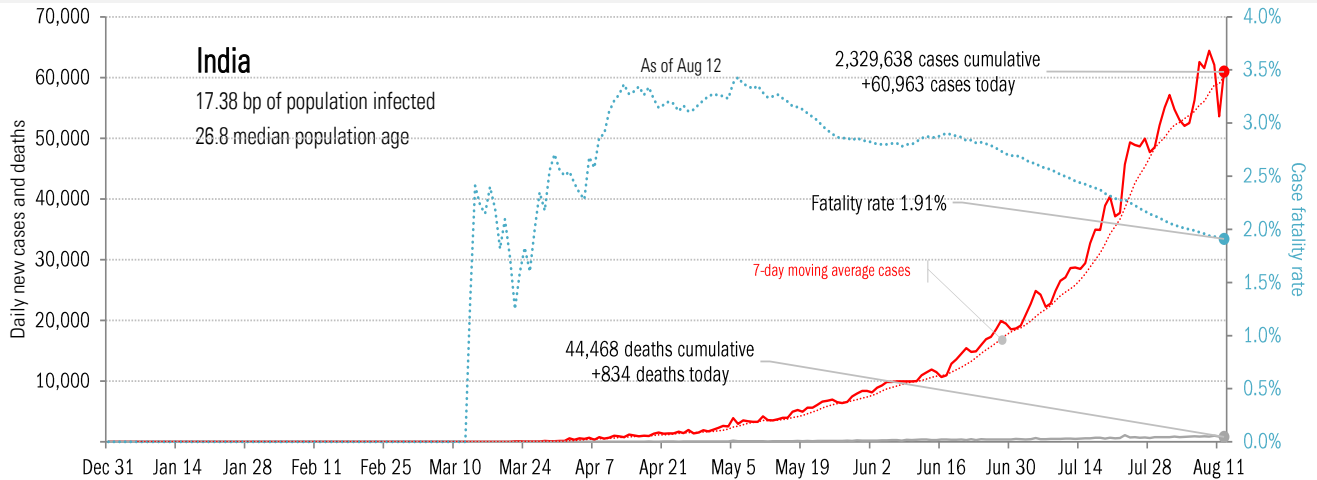
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



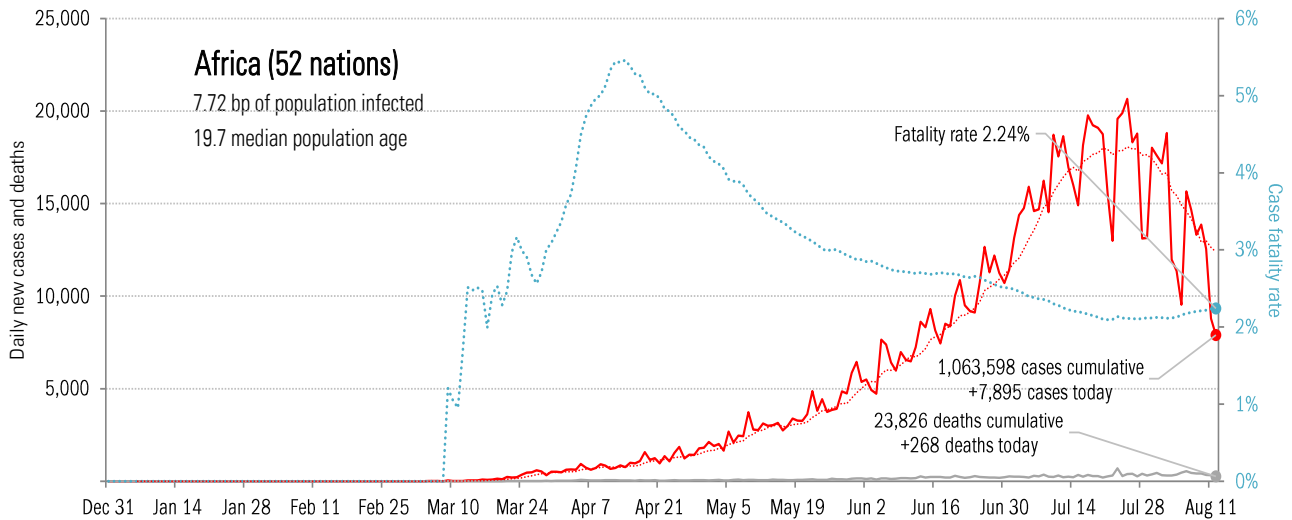
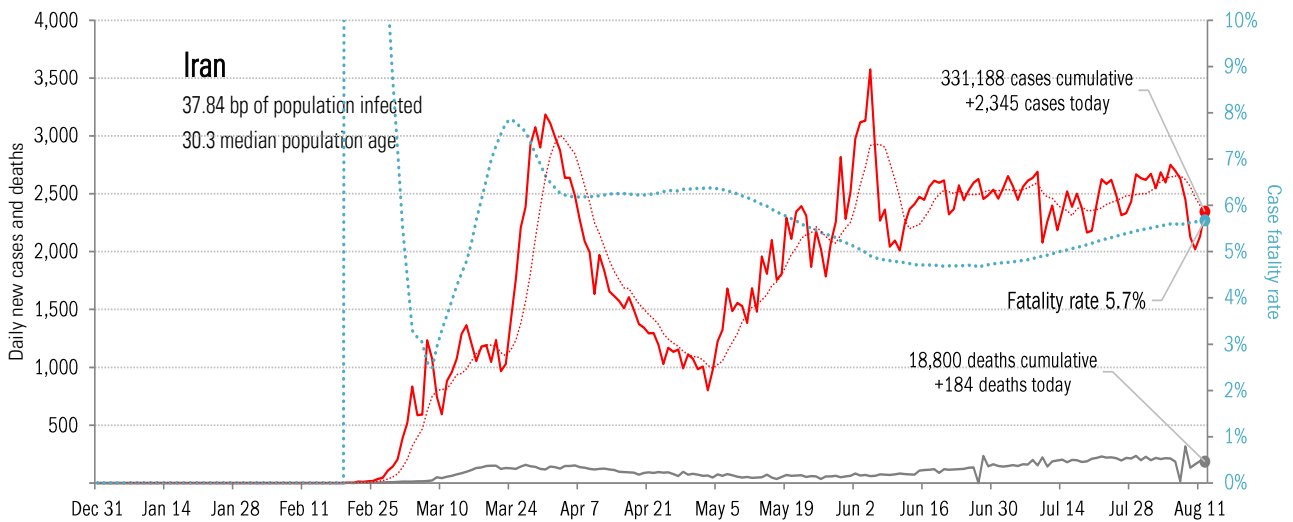
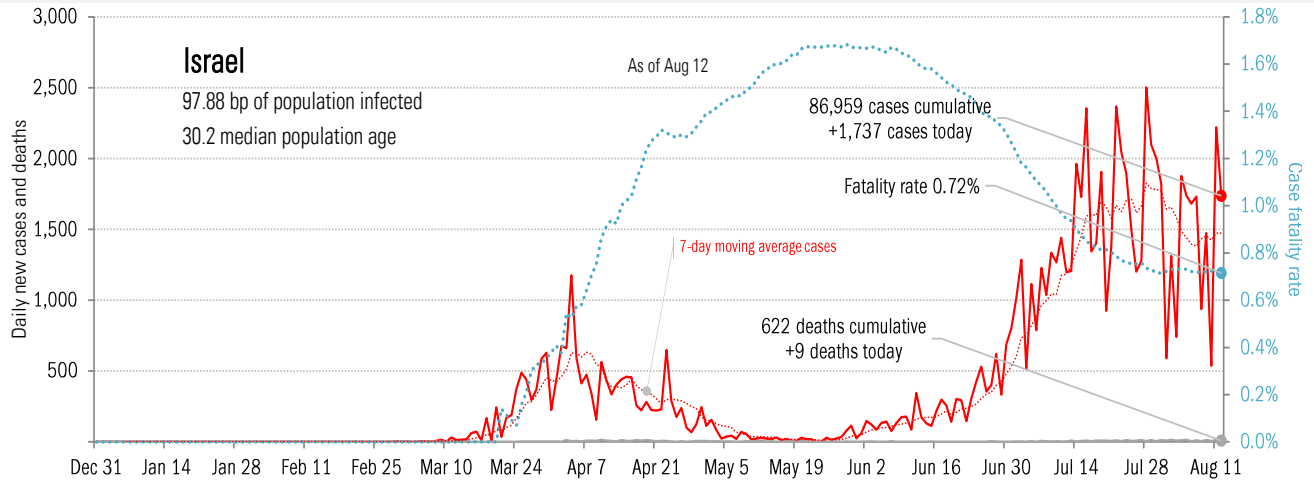
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations