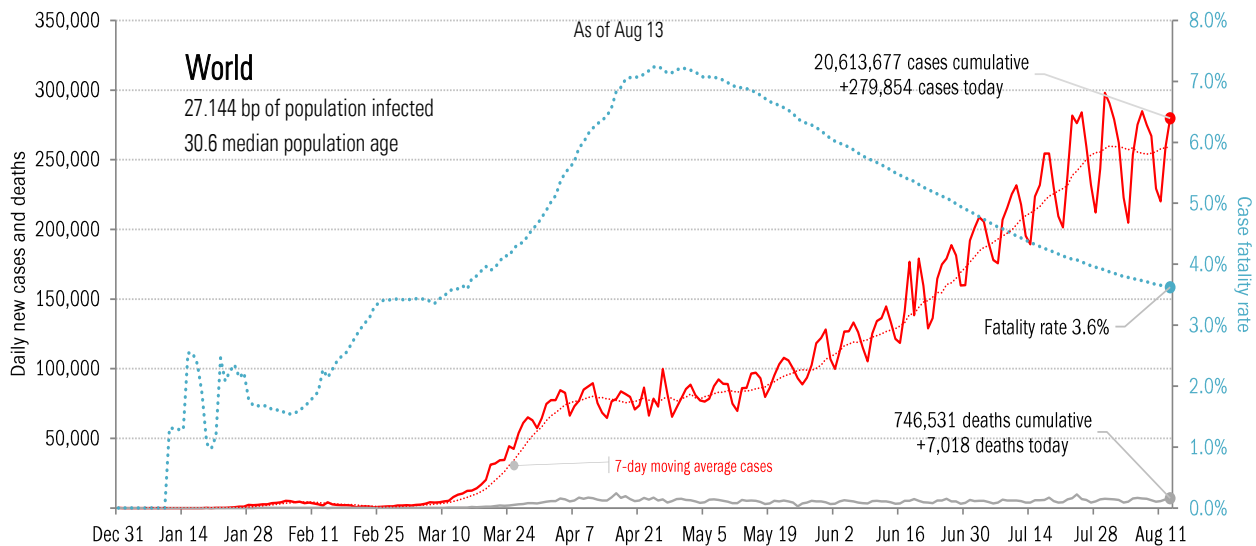
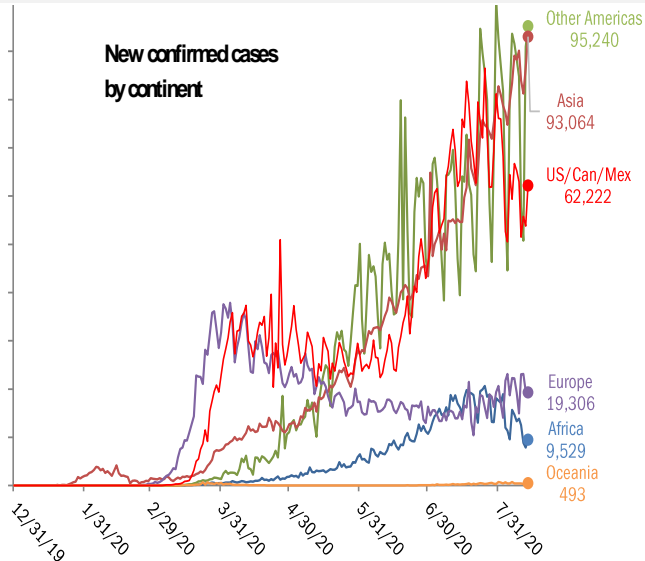


Data Insights: Covid-2019 Monitor

Thursday, August 13, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+66,999	US	+1,490
US	+55,941	Brazil	+1,175
Brazil	+55,155	India	+942
Colombia	+12,066	Mexico	+737
Peru	+8,875	Colombia	+362
Argentina	+7,043	Argentina	+303
Mexico	+5,858	South_Africa	+259
Russia	+5,102	Peru	+212
Philippines	+4,211	Iran	+188
Iraq	+3,441	UK	+180
+224,691		+5,848	
World	+279,854	World	+7,018
Top ten	80%	Top ten	83%



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

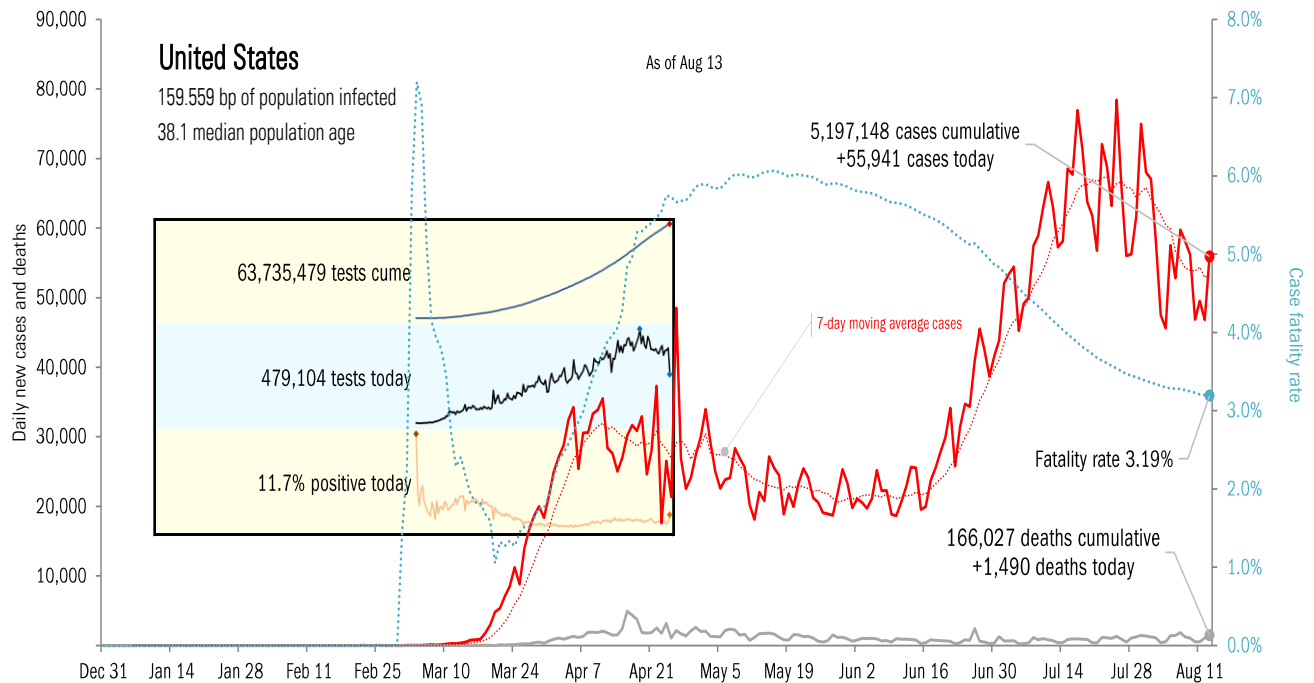
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
CA	+11,645	TX	+324	FL	+599	CA	586,056	NY	25,218	NY	89,995
FL	+8,109	FL	+213	AZ	+529	FL	550,901	NJ	15,885	FL	32,349
TX	+6,200	CA	+180	GA	+348	TX	506,820	CA	10,648	NJ	22,096
GA	+3,565	AZ	+148	AL	+222	NY	422,703	TX	9,034	GA	21,379
IL	+1,645	GA	+105	CH	+141	GA	226,153	FL	8,898	AZ	19,821
MO	+1,595	LA	+48	NE	+139	IL	199,893	MA	8,769	VA	14,528
TN	+1,478	SC	+46	TN	+90	AZ	189,443	IL	7,881	MD	13,348
CH	+1,422	MS	+45	VA	+83	NJ	185,938	PA	7,385	AL	12,292
LA	+1,179	NC	+45	MD	+82	NC	139,061	MI	6,539	MA	12,109
NC	+1,166	AL	+35	OK	+82	LA	134,304	GA	4,456	CH	11,901
+38,004		+1,189		+2,315		3,141,272		104,713		249,818	
All states	+56,035	All states	+1,503	All states	+3,055	All states	5,172,509	All states	157,776	All states	340,117
Top ten	68%	Top ten	79%	Top ten	76%	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	
TX	-3,603	FL	-64	SC	-329	LA	+14,429
CA	-855	TN	-20	IN	-166	TX	+9,042
AZ	-508	GA	-17	VA	-150	AL	+3,600
MI	-431	NJ	-17	OK	-53	TN	+1,977
WI	-236	AL	-15	TN	-35	PA	+1,865



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

Recommended reading

[COVID-19 Opinion Tracker](#)

Kekst CNC

July 2020

[DNR tells employees to wear masks during Zoom calls, even when they are alone at home](#)

Patrick Marley

Milwaukee Journal Sentinel

August 10, 2020

[New York's true nursing home death toll cloaked in secrecy](#)

Bernard Condon, Matt Sedensky and Meghan Hoyer

AP

August 11, 2020

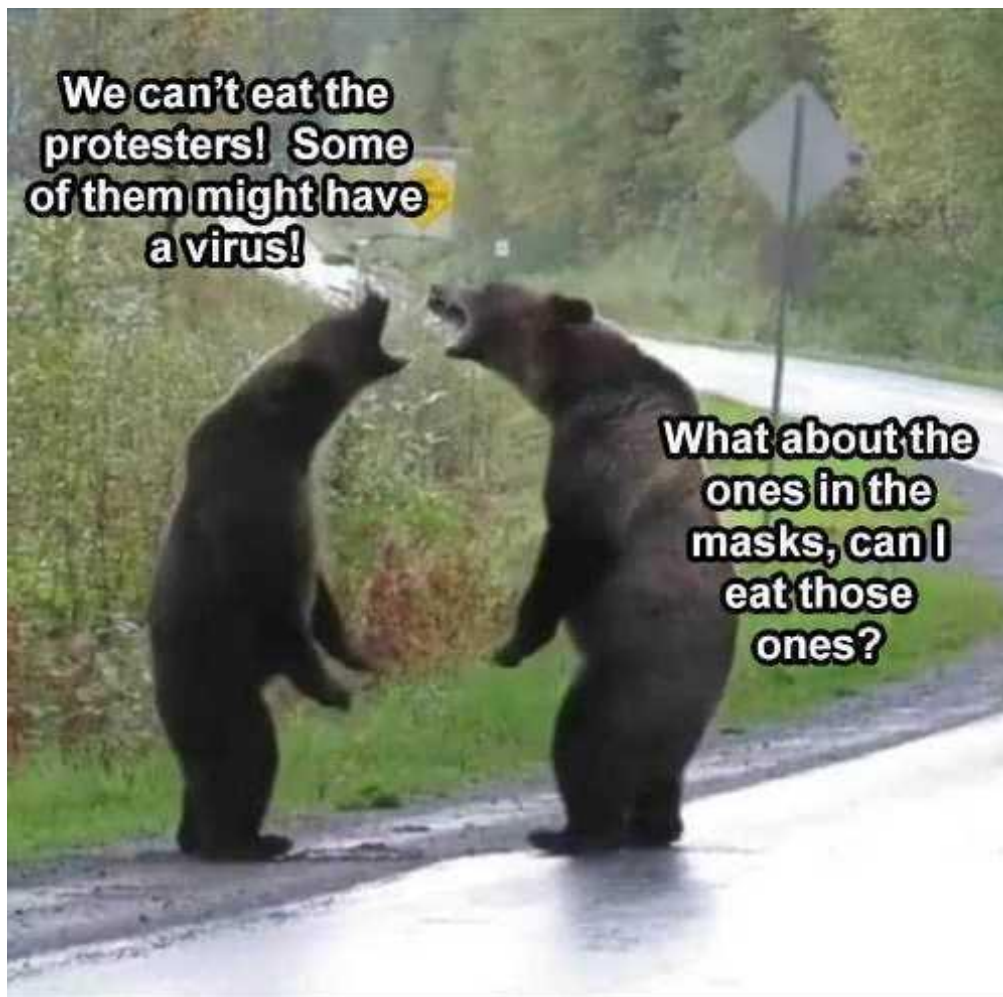
['This will bankrupt the city': Nearly 20% of New York's hotels are being used to house 13,000 homeless people for more than \\$2million-a-night](#)

Jennifer Smith

Daily Mail

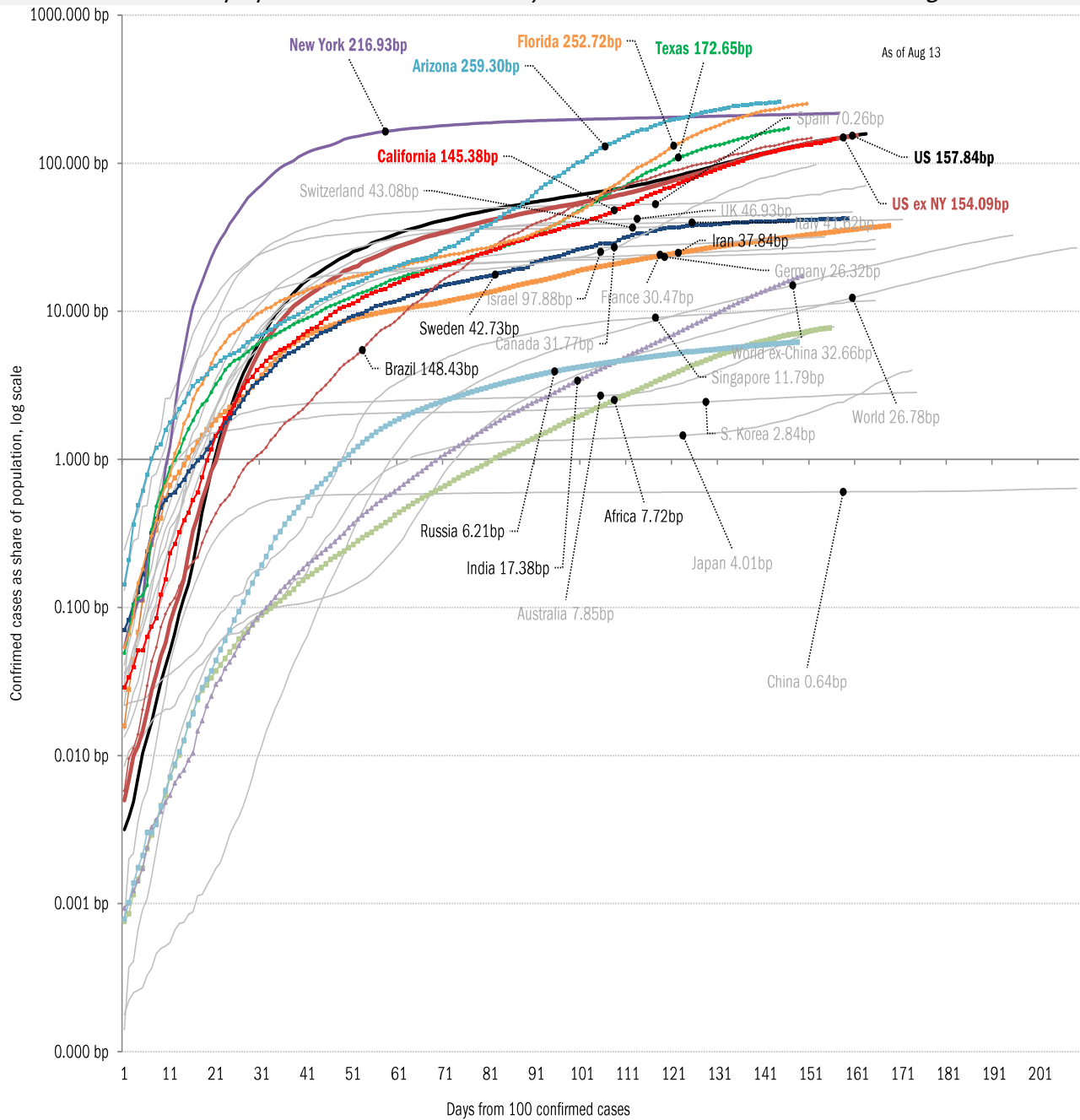
August 11, 2020

Meme of day



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

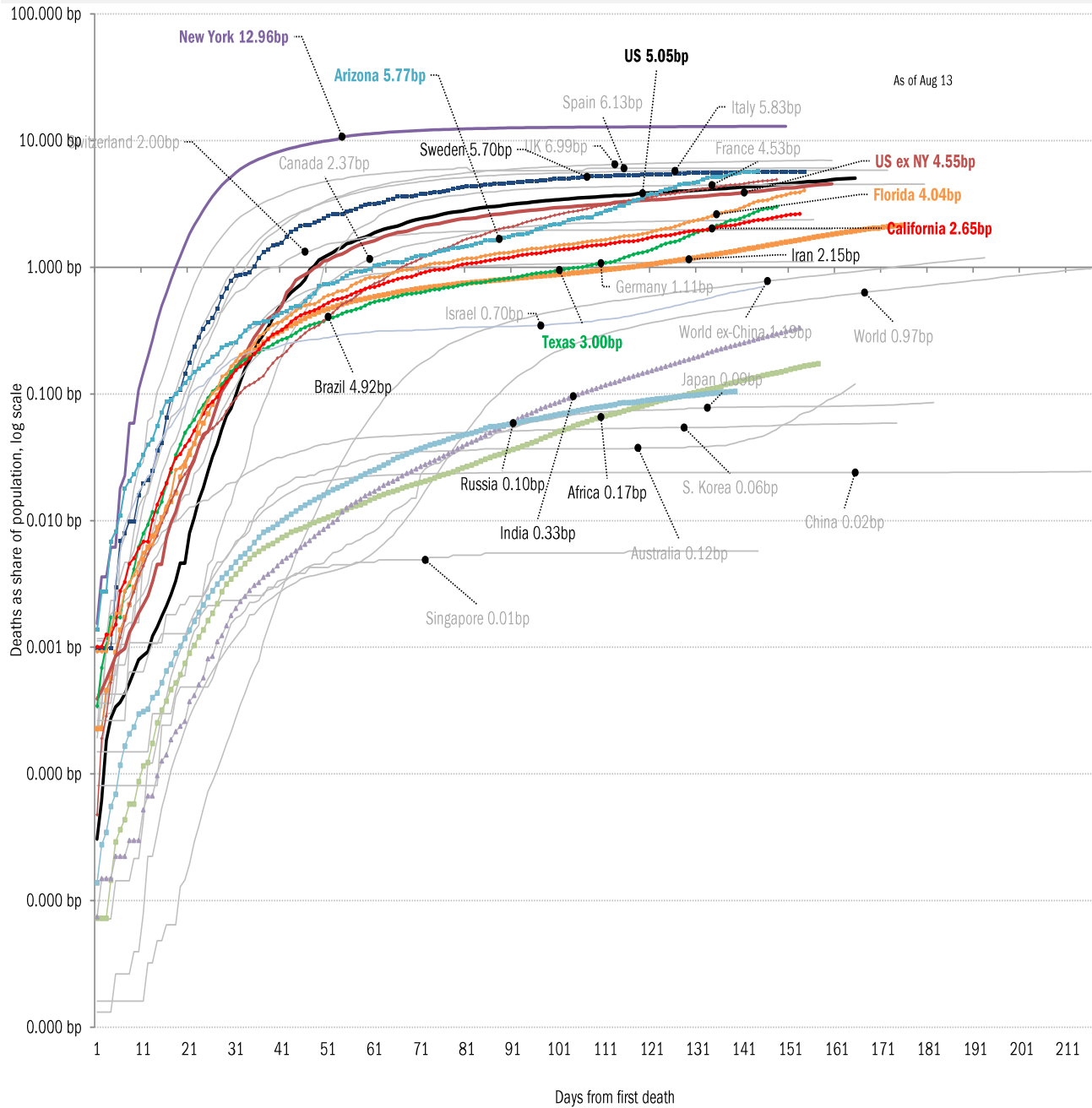
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

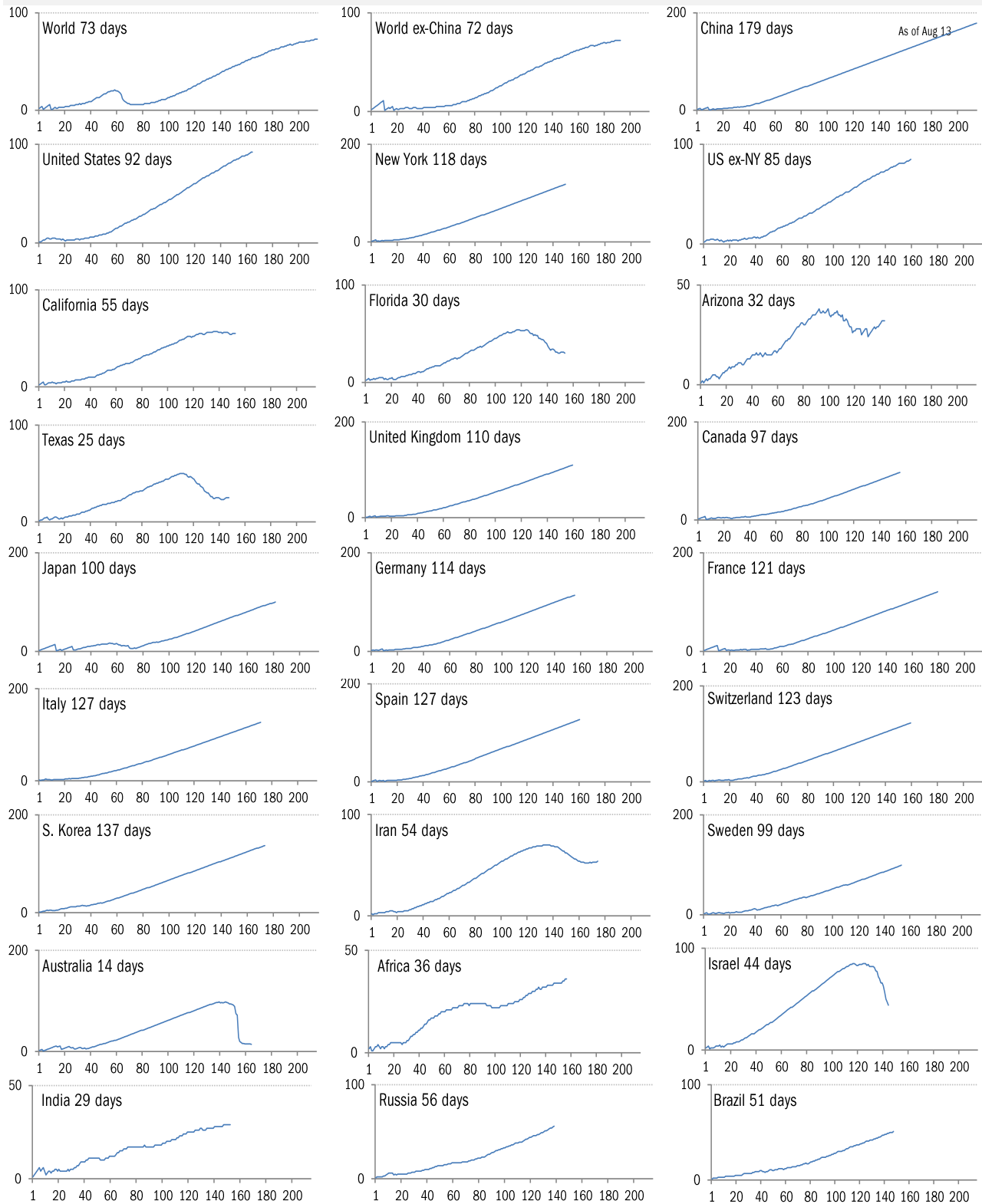
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

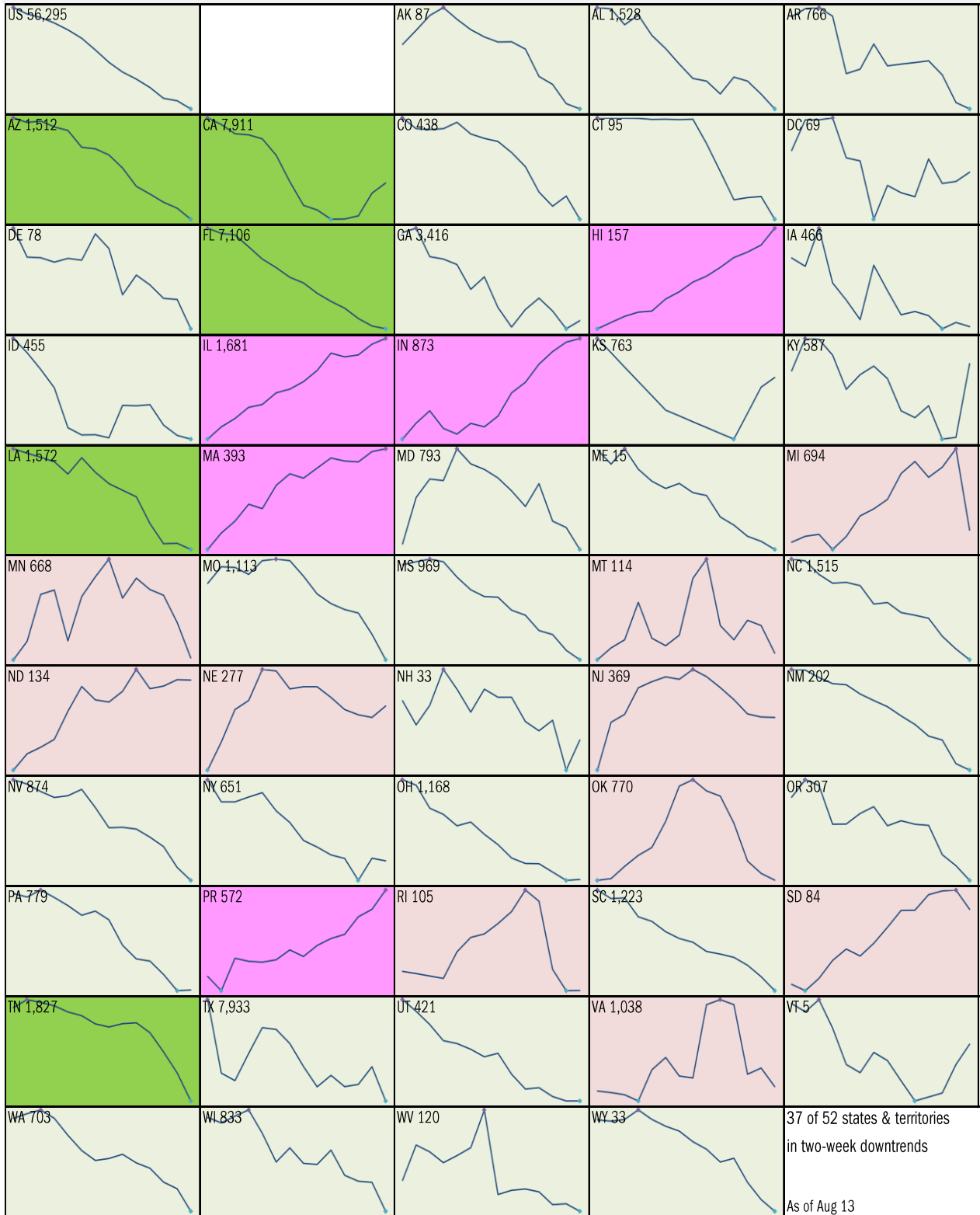
Our most reliable evidence of slowing exponential growth of Covid-2019

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

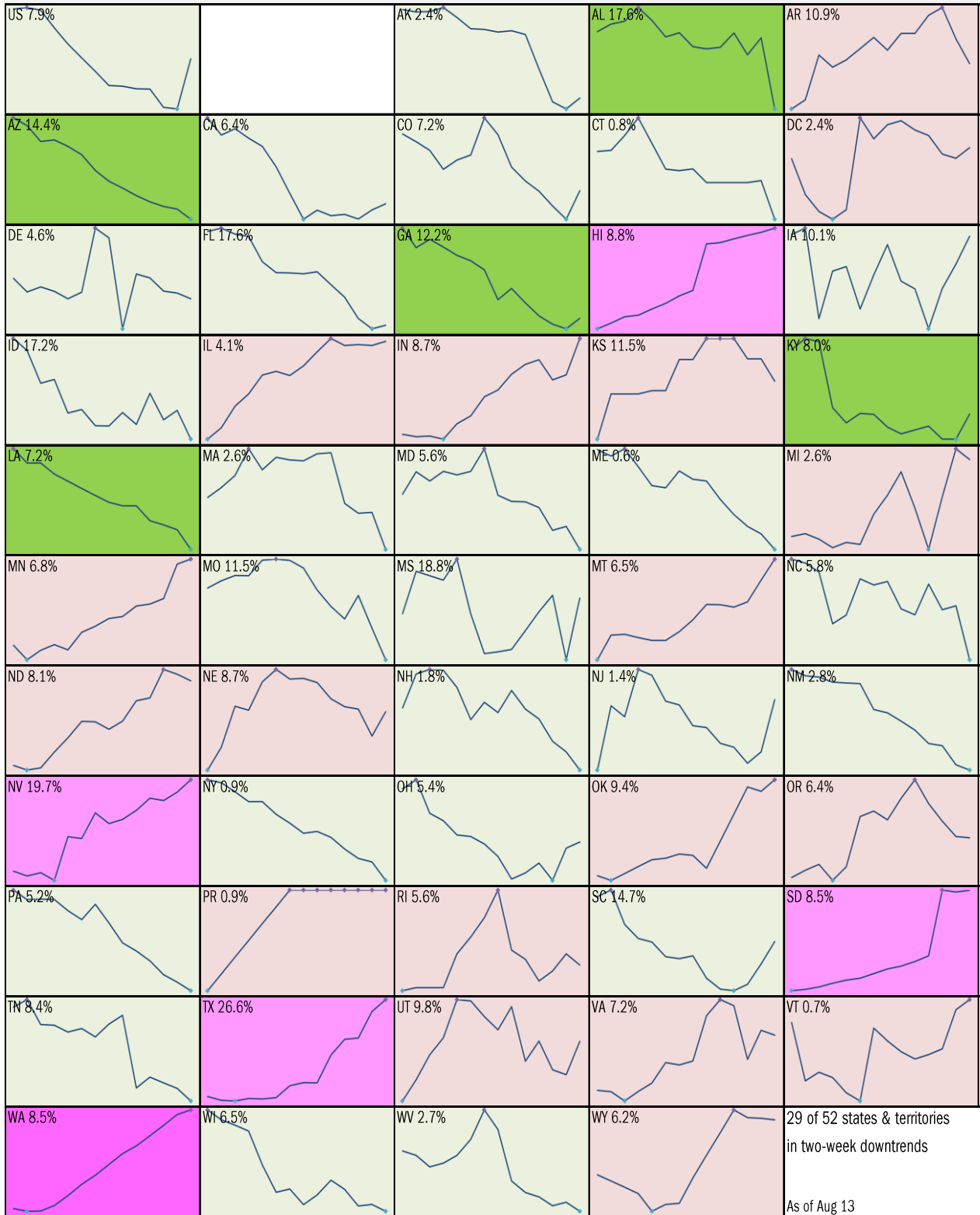


Source: [Covid Tracking Project](#), TrendMacro calculations

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



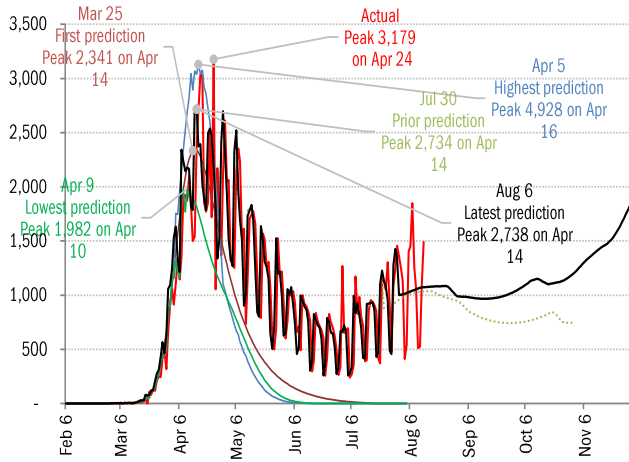
Source: [Covid Tracking Project](#), TrendMacro calculations

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

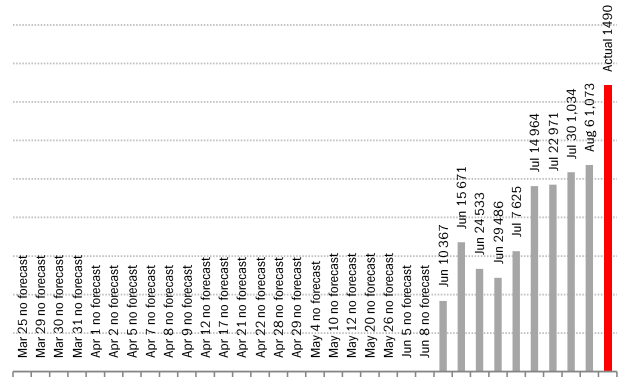
New daily fatalities

As of Aug 13

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

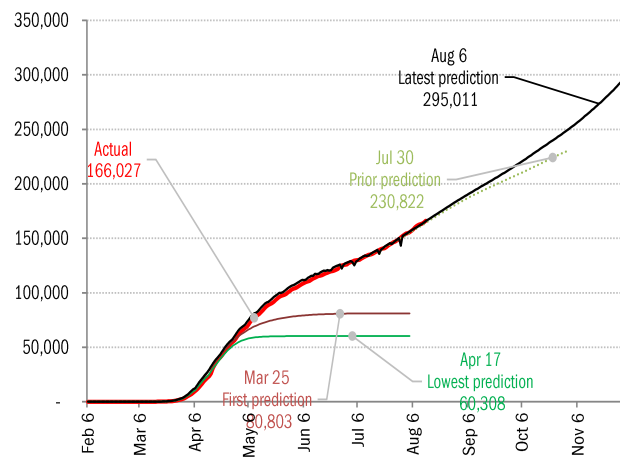


For this day, versus all model mean predictions

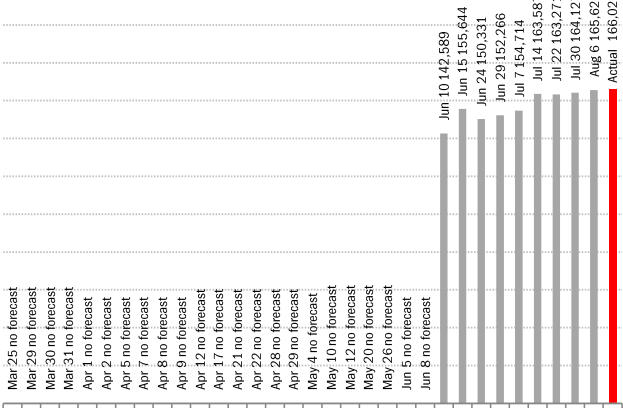


Cumulative fatalities

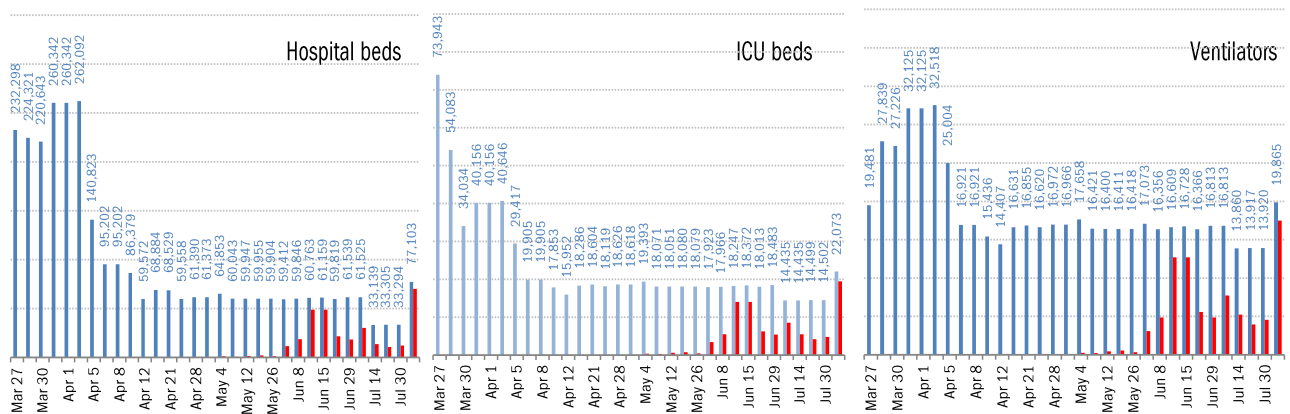
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

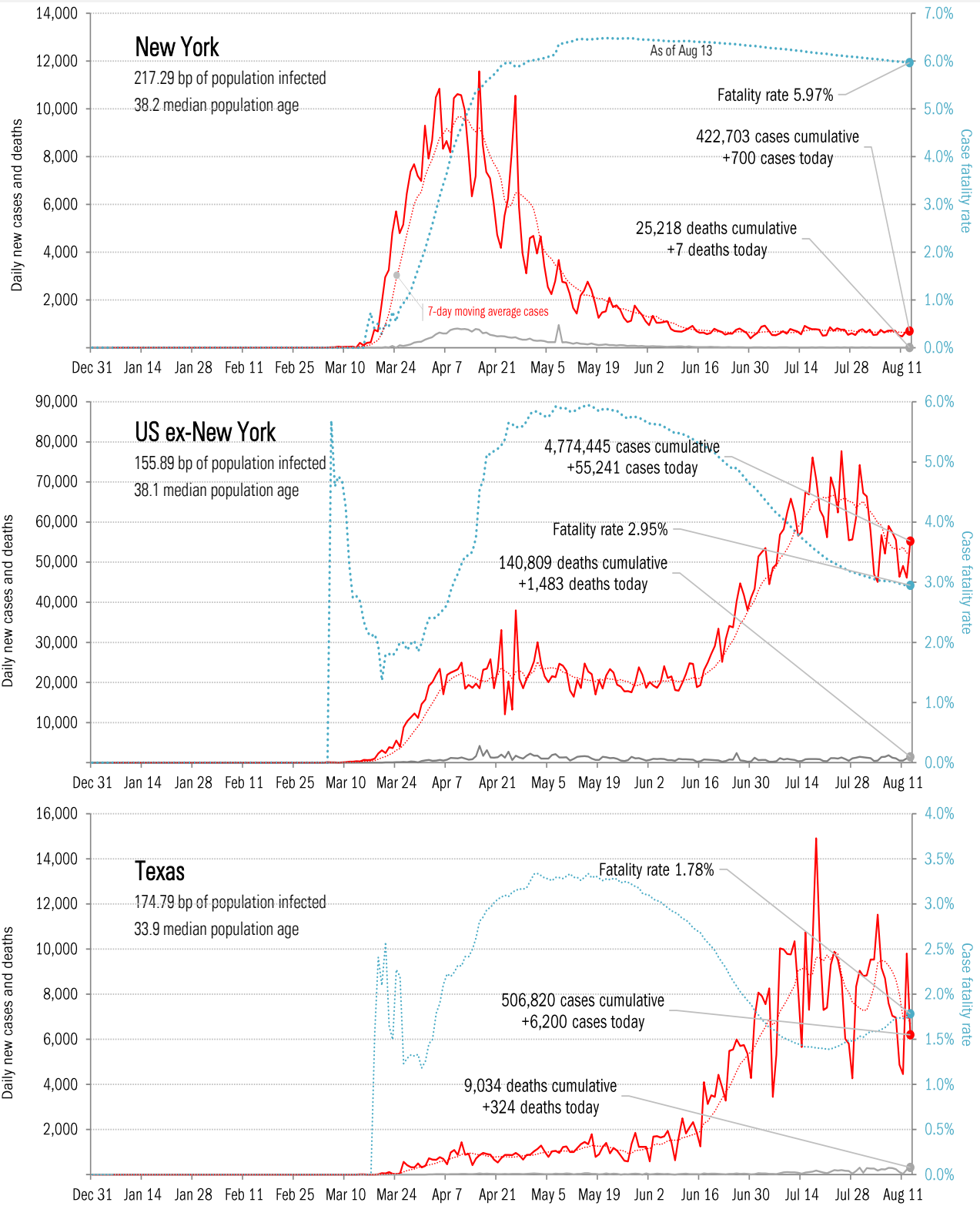


Healthcare system stress, **peak** and **ultimate** estimated at each model revision



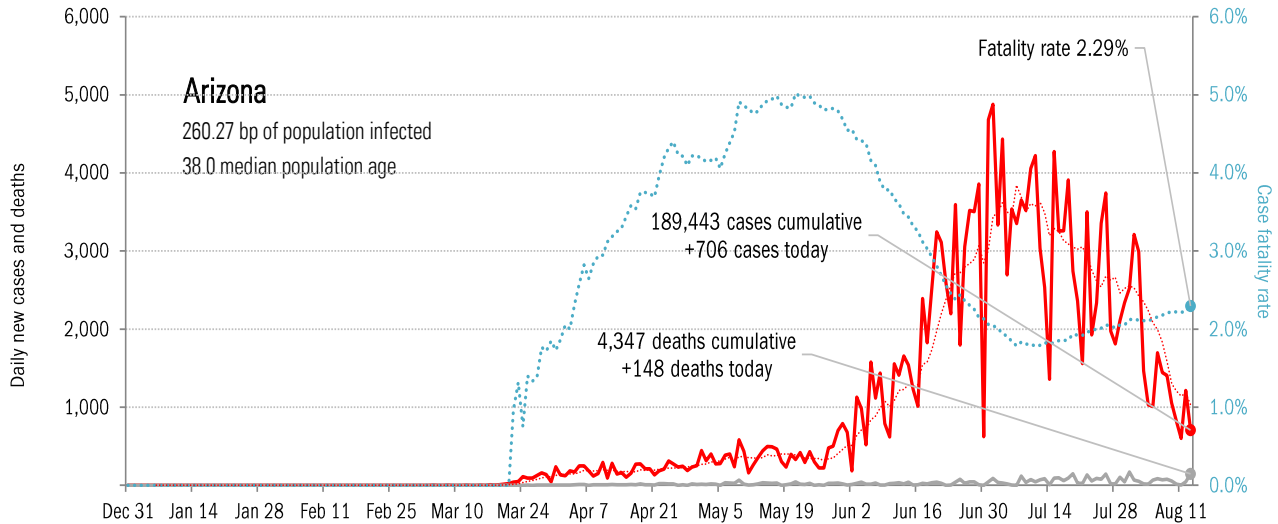
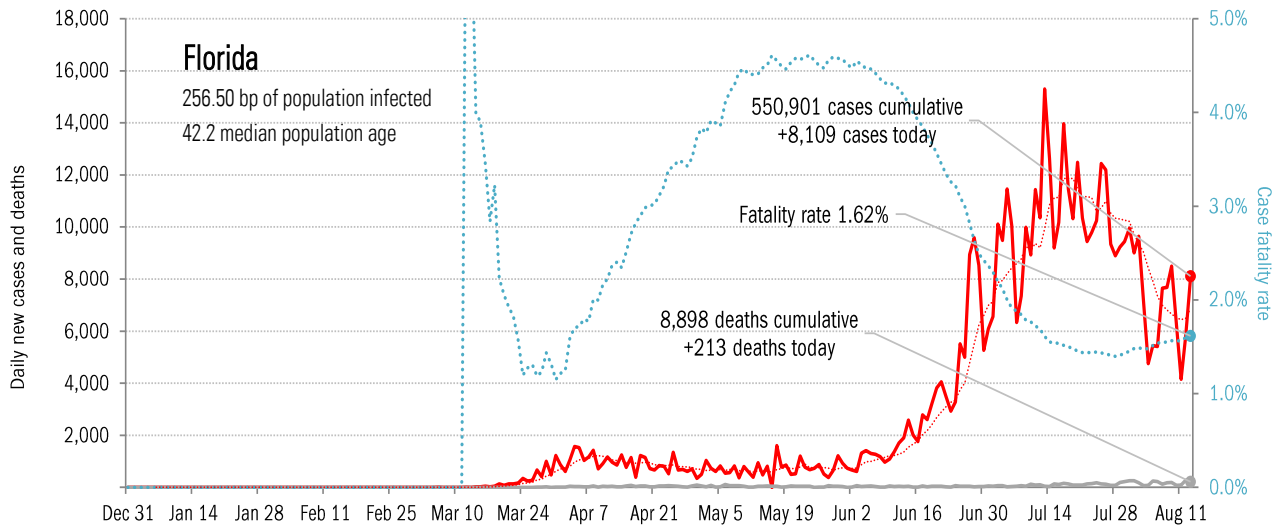
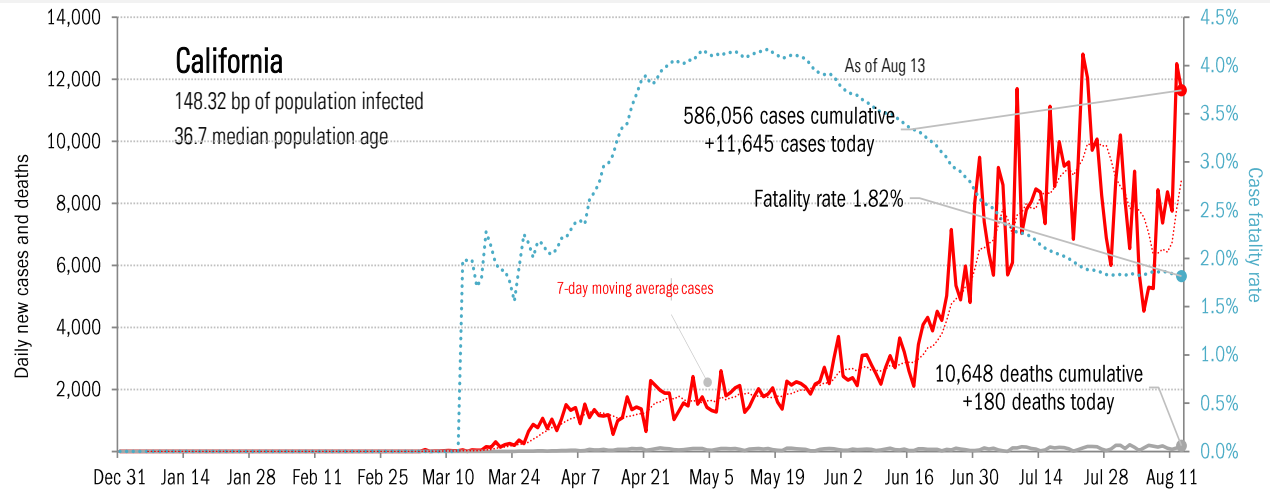
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



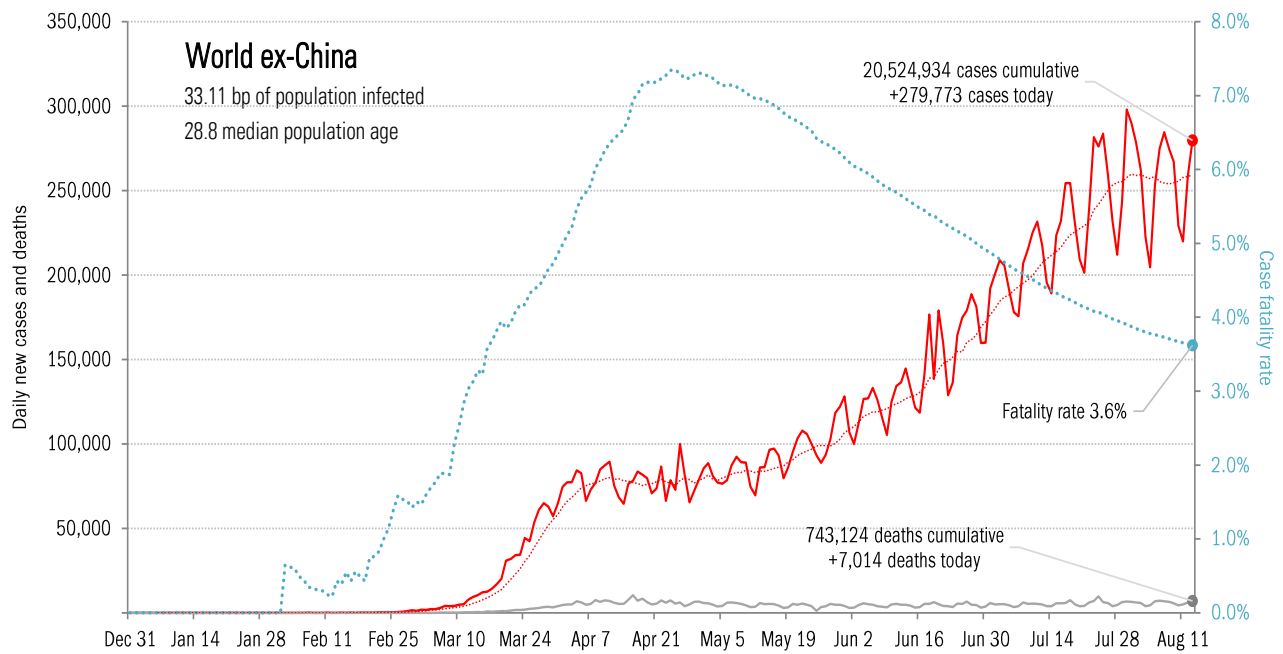
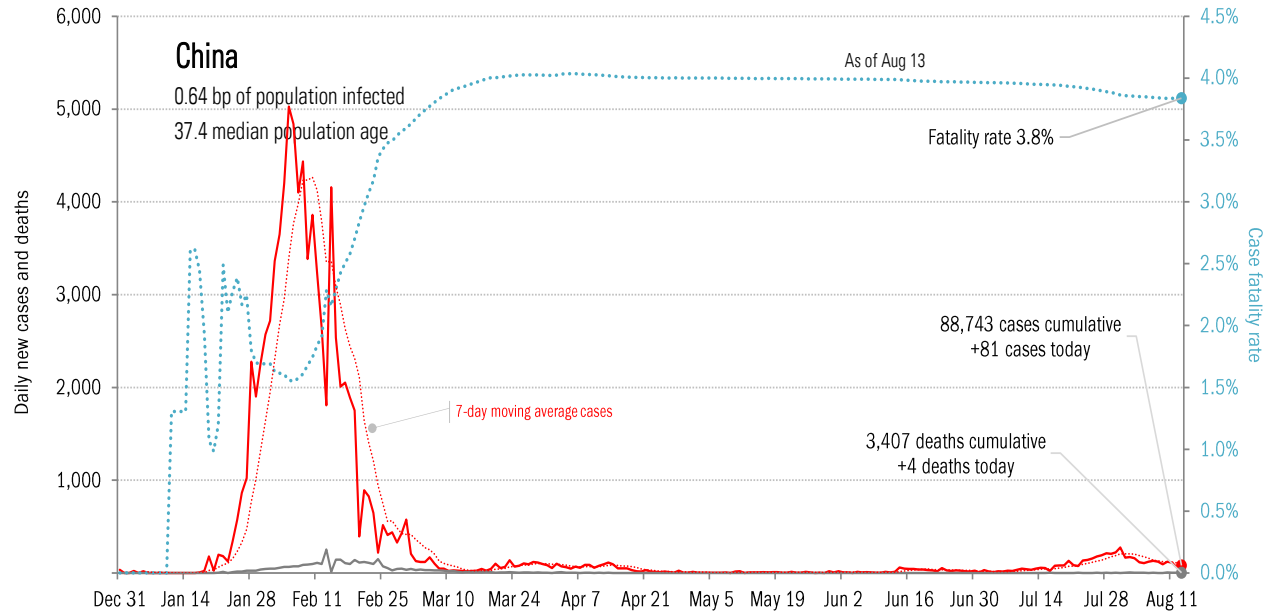
Source: [ECDC](#), TrendMacro calculations

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



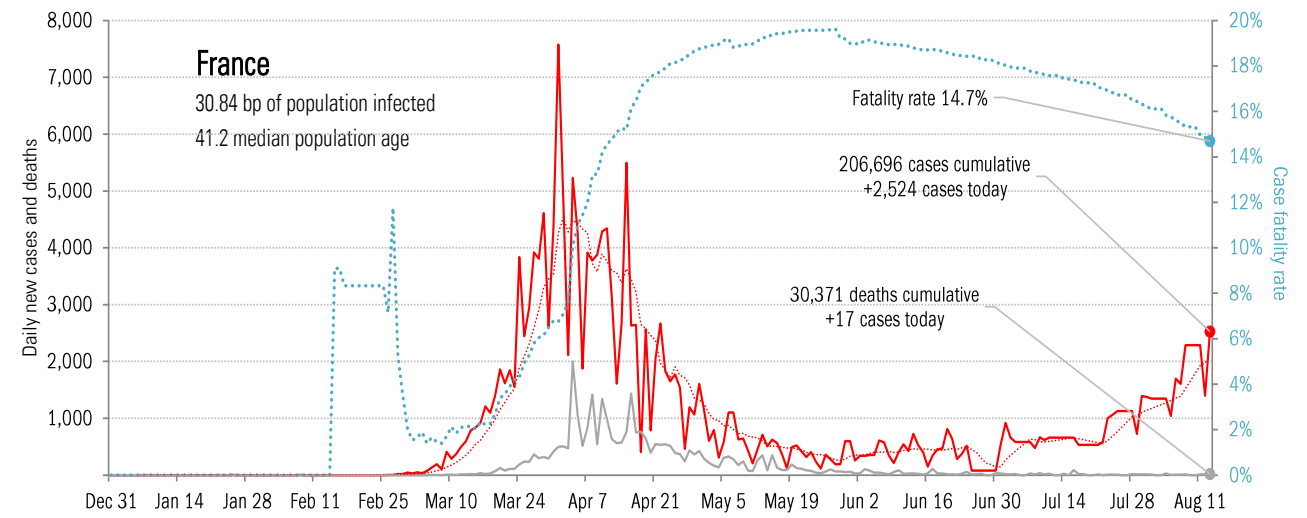
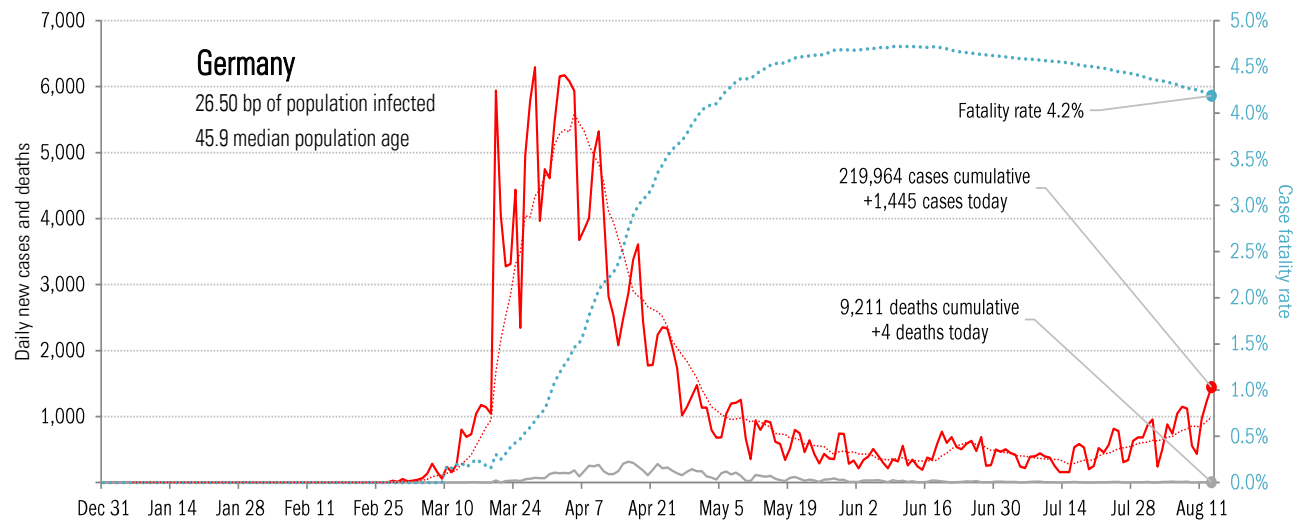
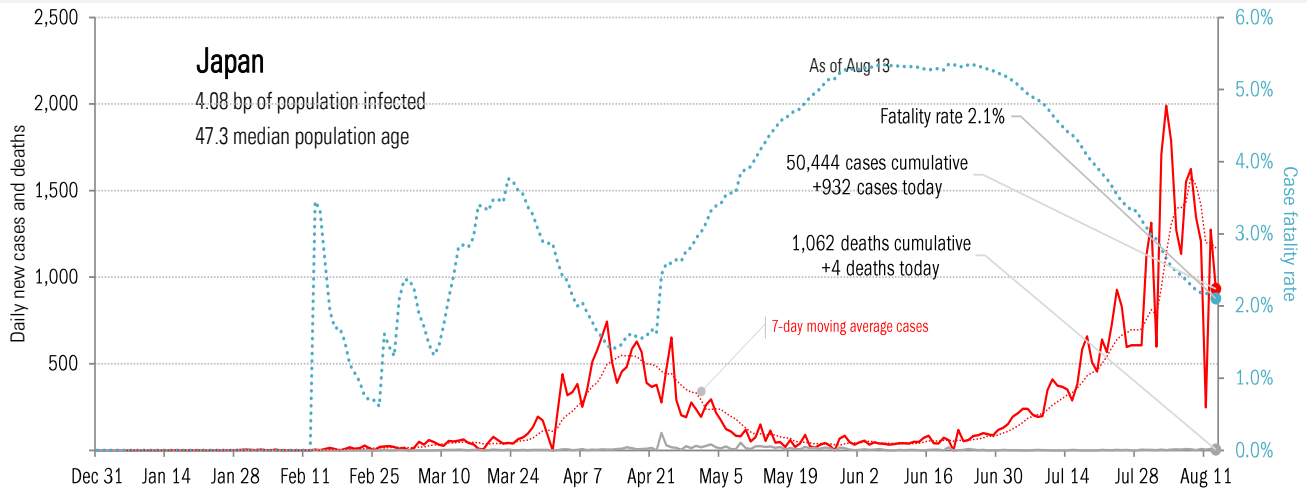
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



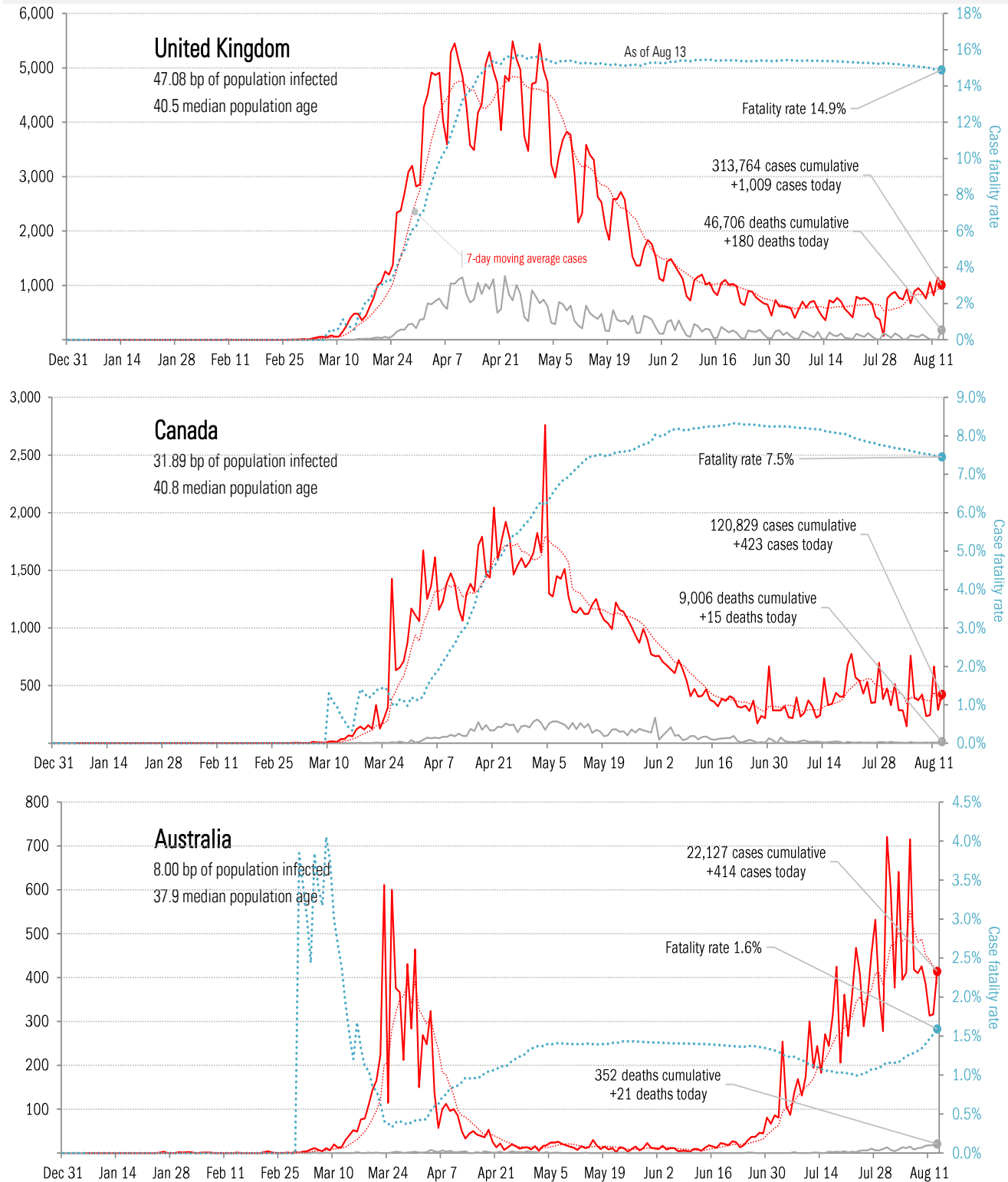
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



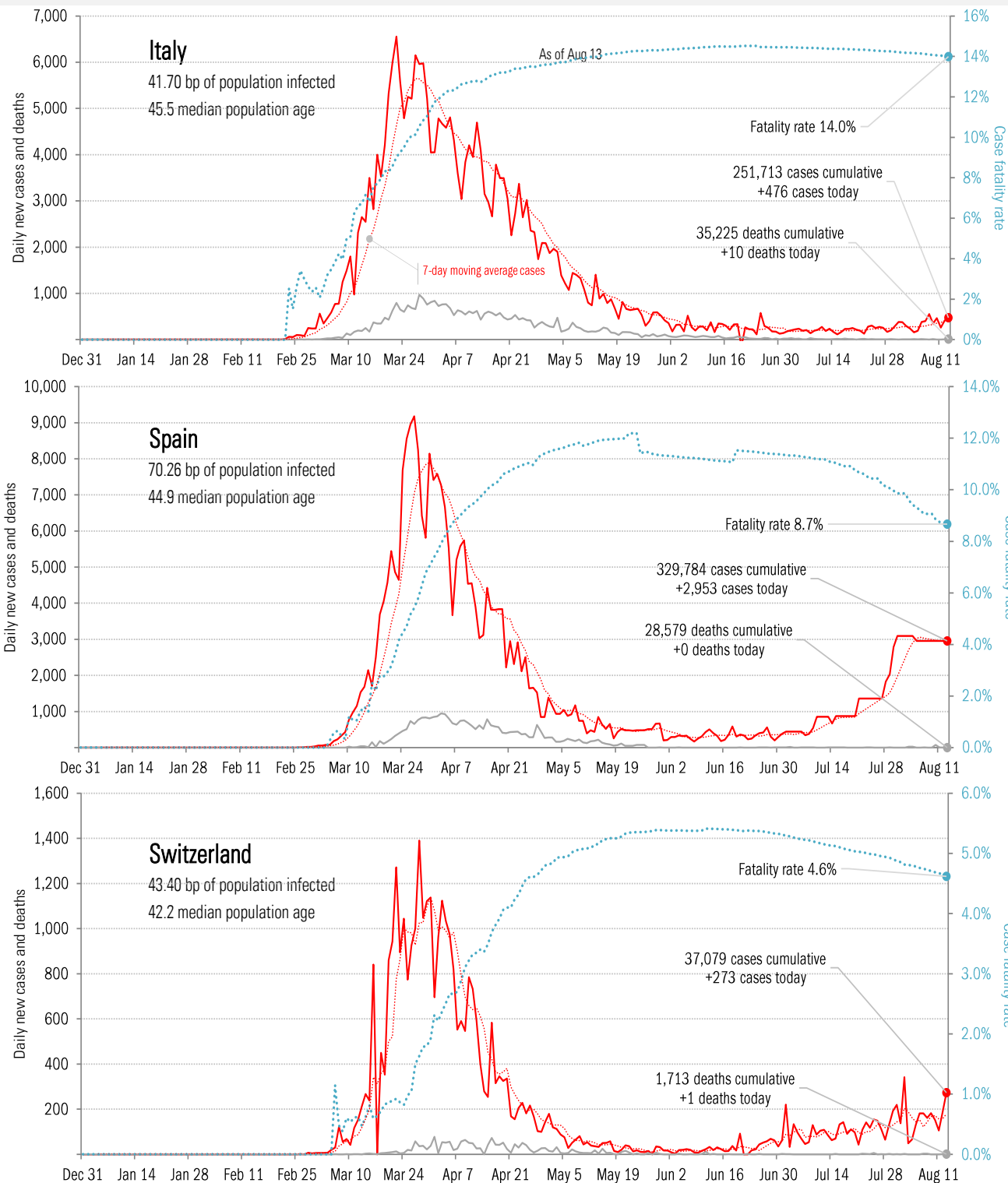
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



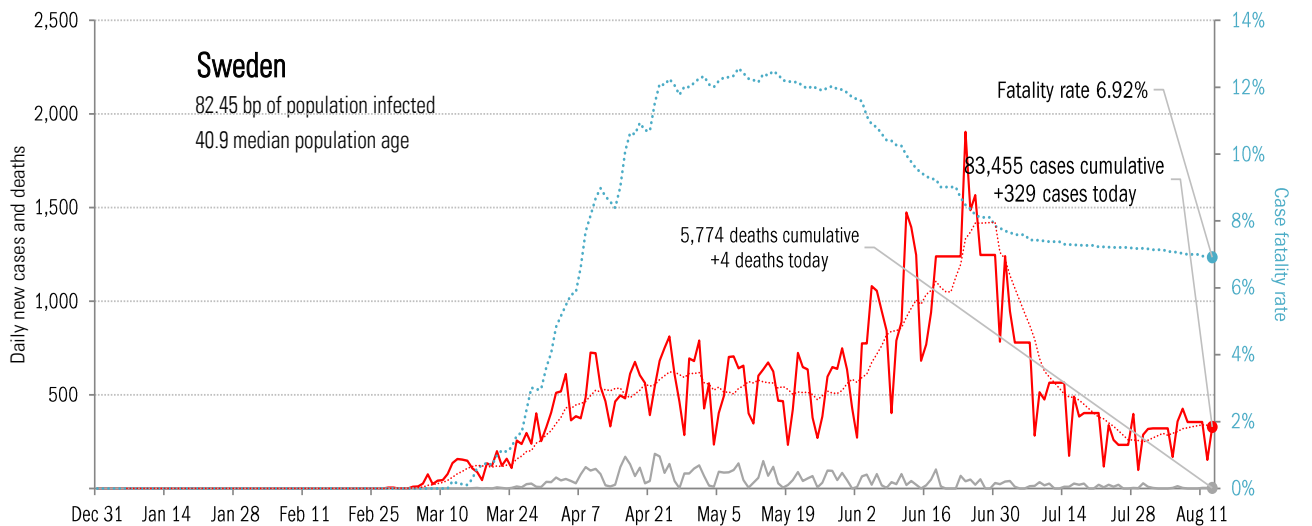
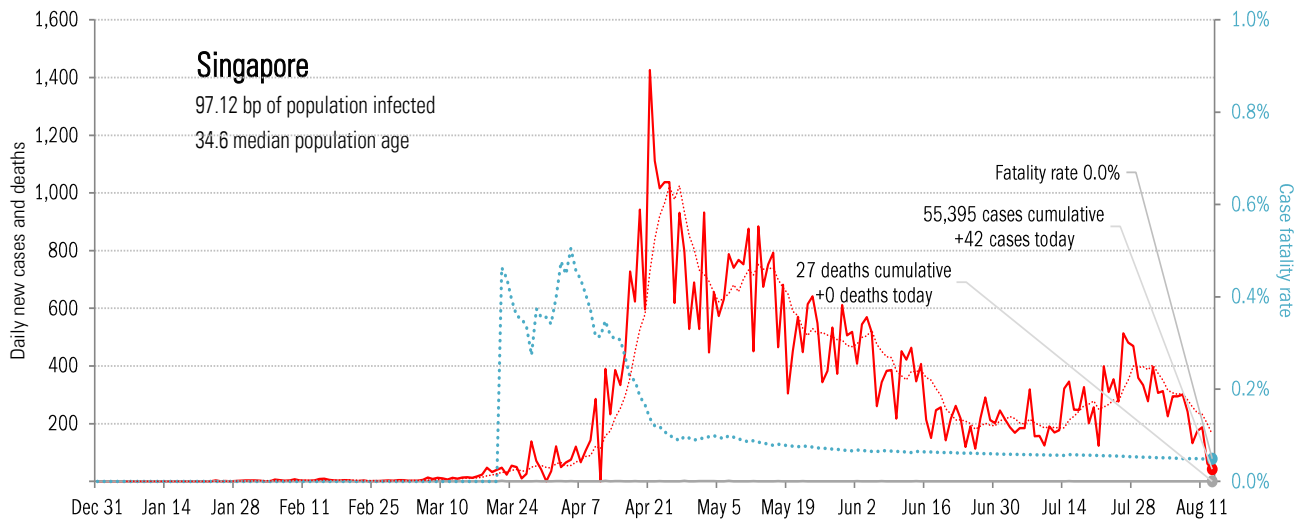
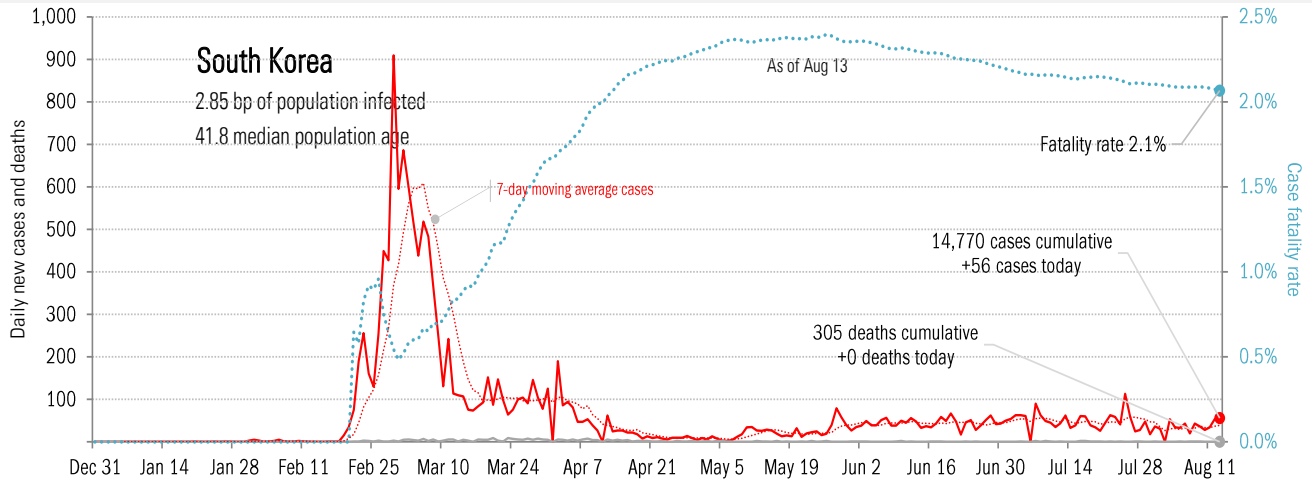
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



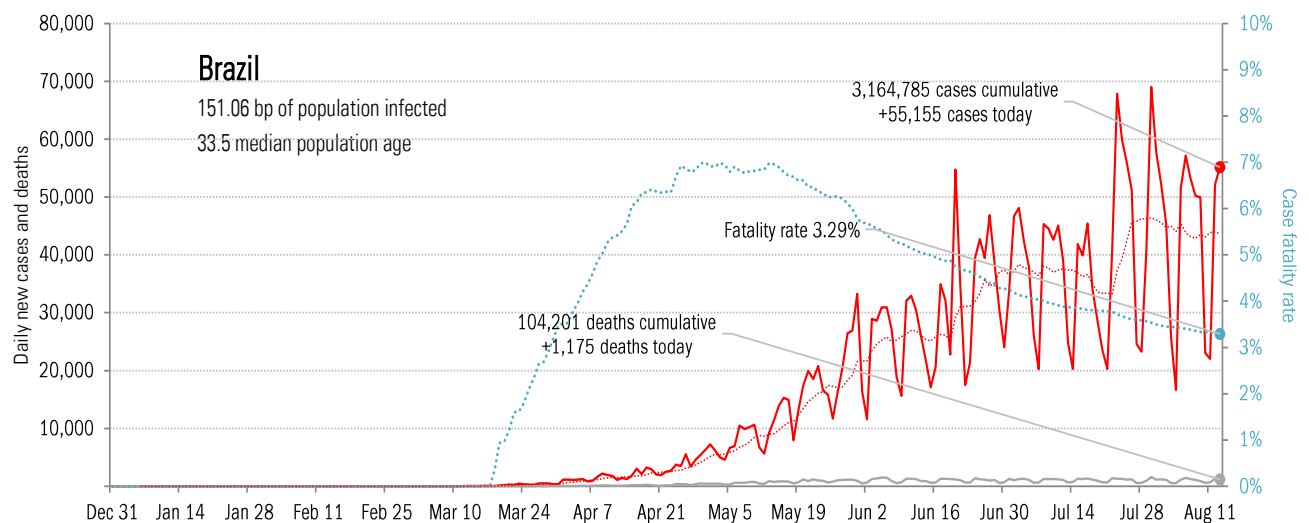
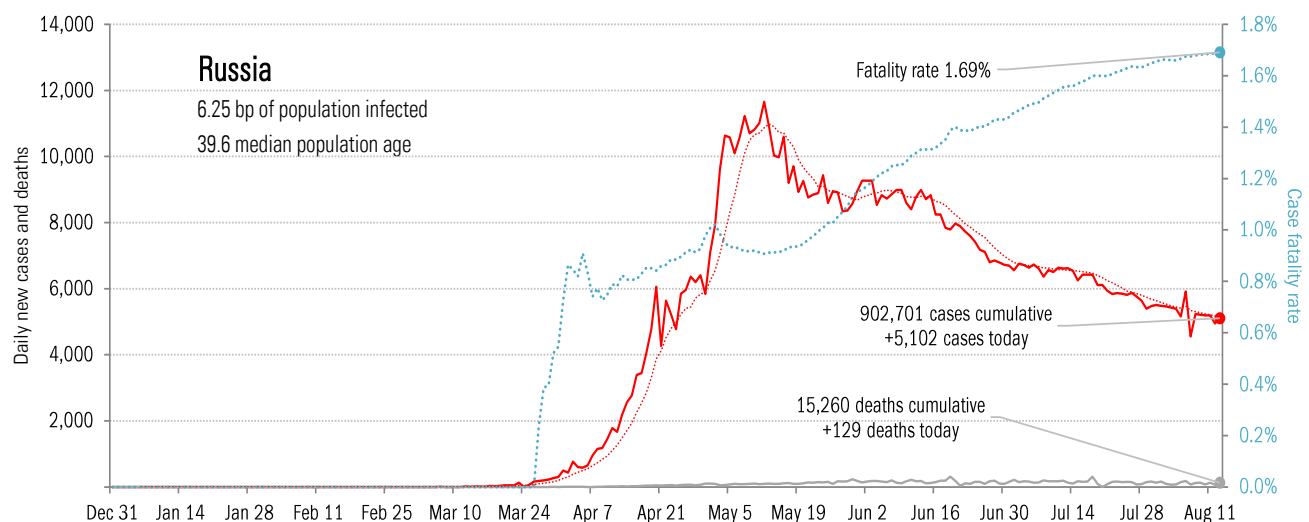
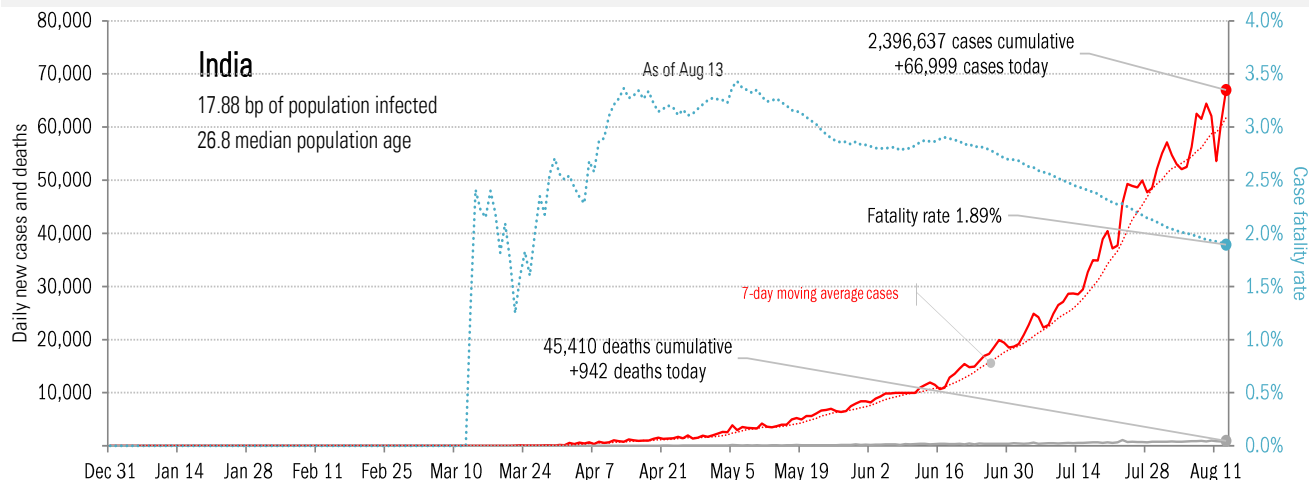
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



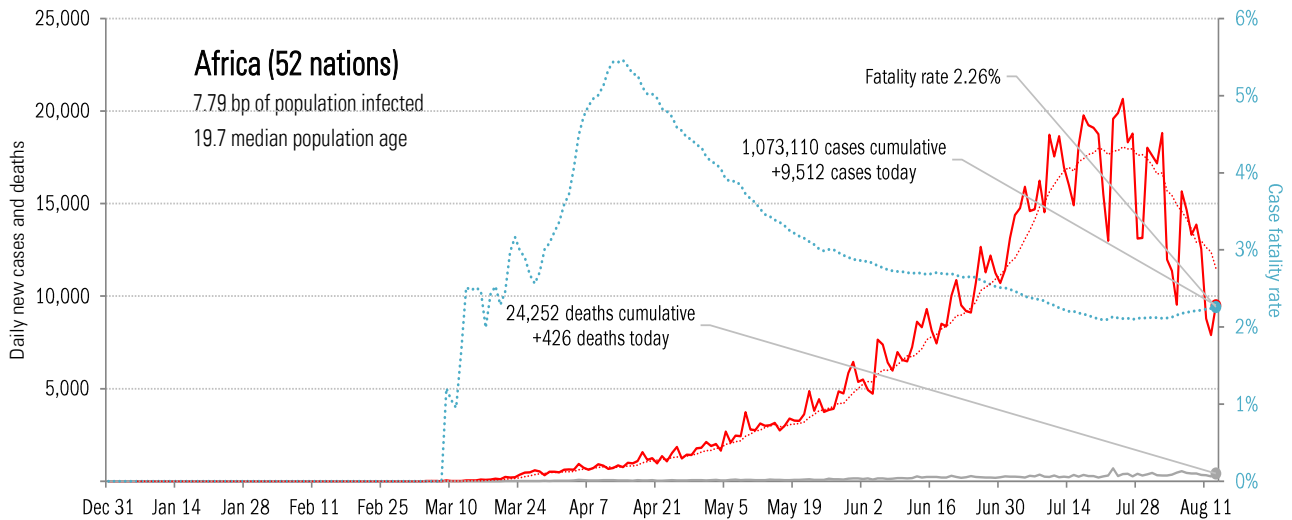
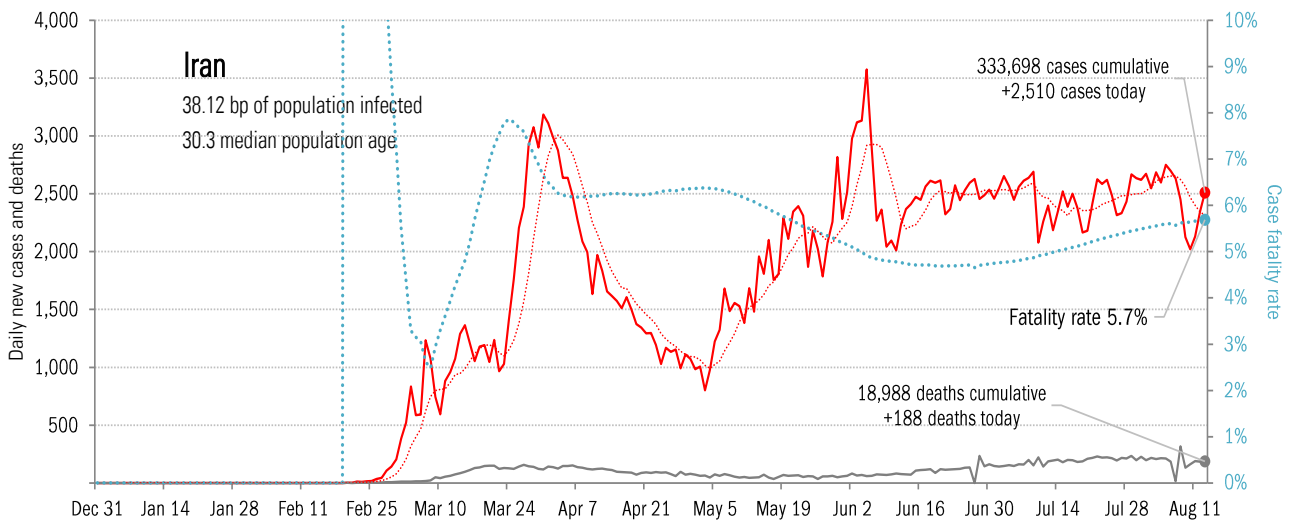
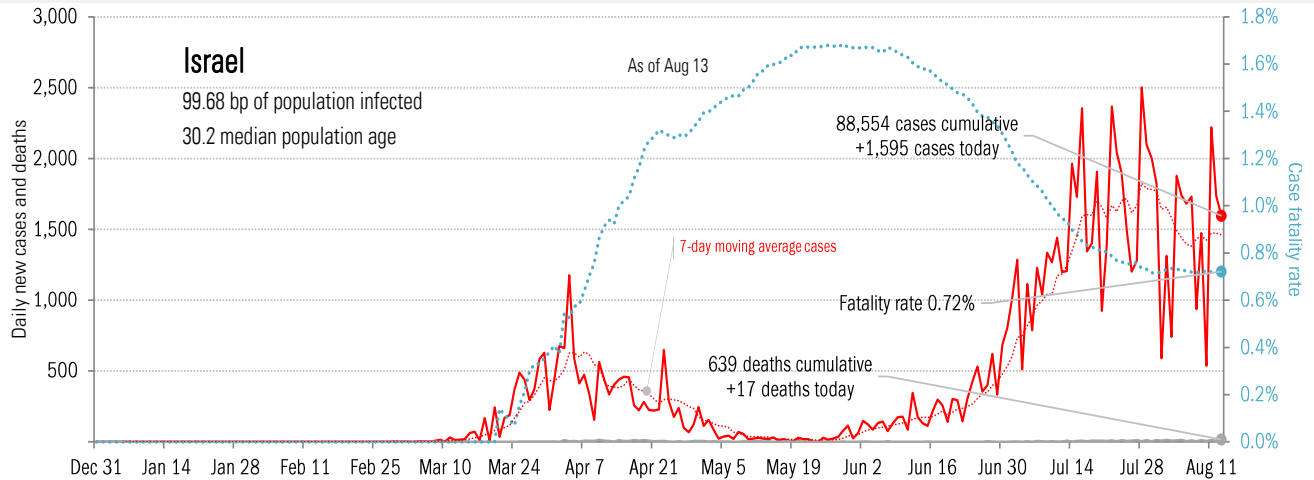
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations