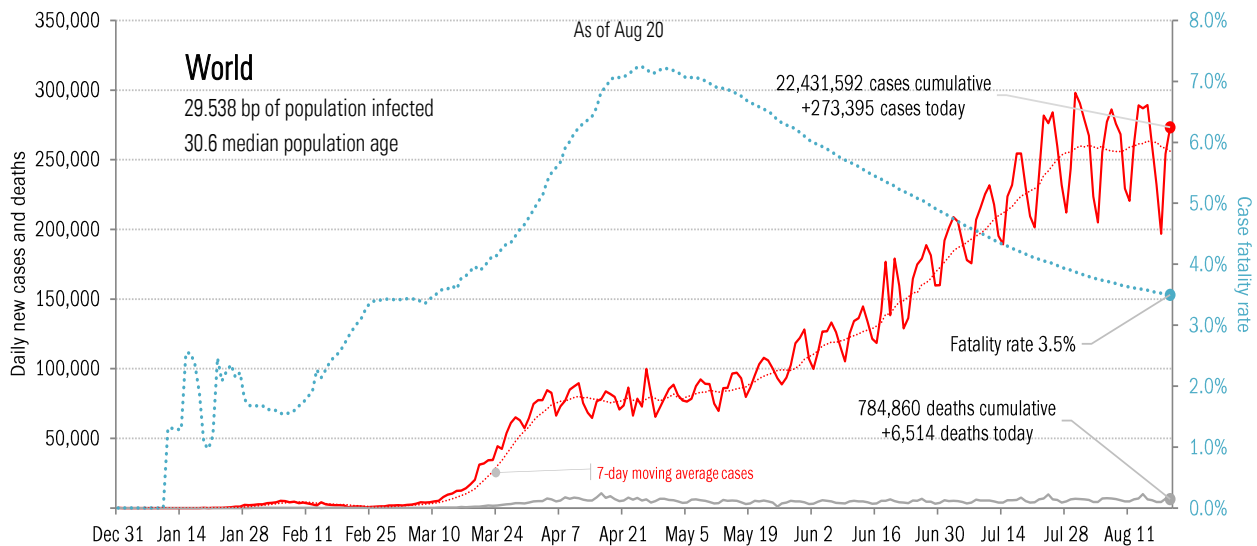
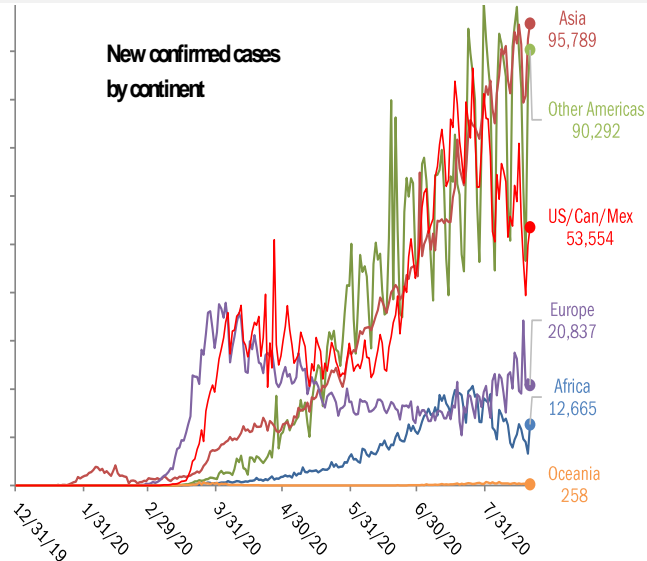


Data Insights: Covid-2019 Monitor

Thursday, August 20, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+69,652	US	+1,356
Brazil	+49,298	Brazil	+1,212
US	+47,426	India	+977
Colombia	+13,056	Mexico	+707
Peru	+9,099	Colombia	+360
Argentina	+6,840	Argentina	+237
Mexico	+5,792	Peru	+176
Russia	+4,828	South_Africa	+159
Philippines	+4,561	Russia	+117
Iraq	+4,093	Philippines	+108
+214,645		+5,409	
World	+273,395	World	+6,514
Top ten	79%	Top ten	83%



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

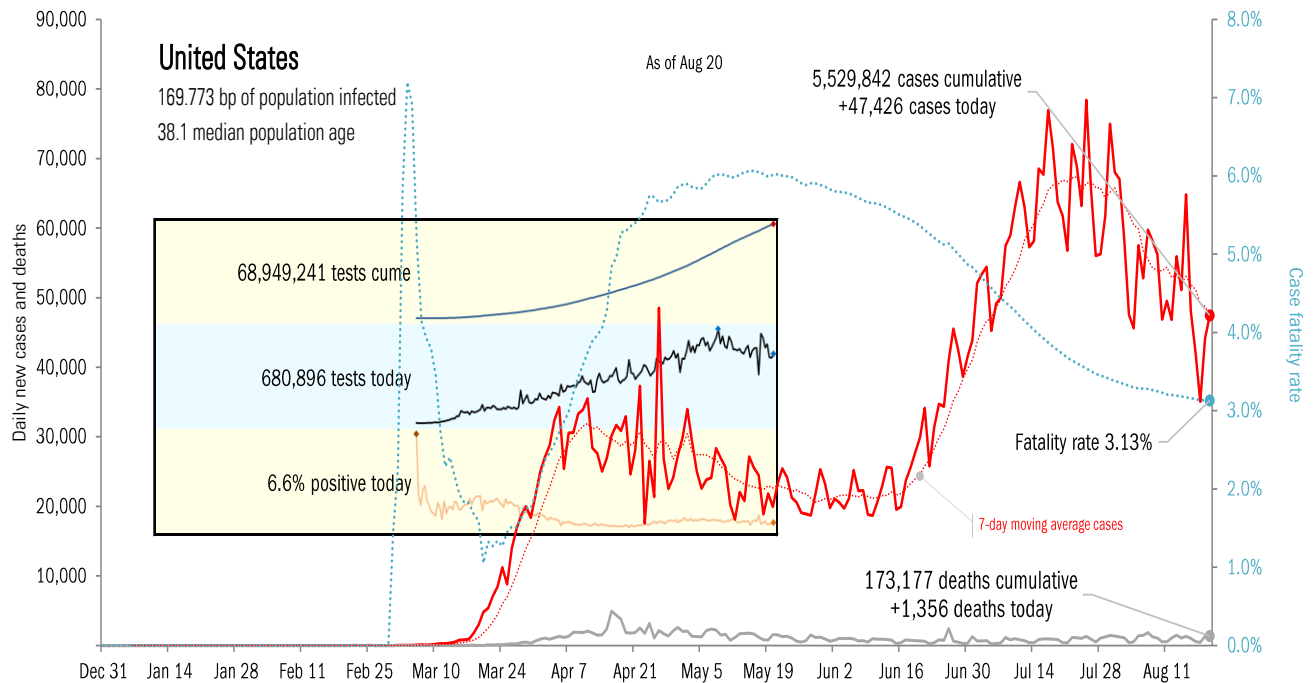
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
TX	+7,024	TX	+309	FL	+508	CA	638,831	NY	25,270	NY	89,995
CA	+6,164	CA	+181	GA	+235	FL	584,047	NJ	15,926	FL	35,620
FL	+4,115	FL	+174	AZ	+142	TX	557,256	CA	11,523	GA	22,664
GA	+2,305	AZ	+105	AL	+122	NY	427,202	TX	10,559	NJ	22,311
IL	+2,295	GA	+55	CH	+93	GA	243,982	FL	10,067	AZ	21,020
TN	+2,022	LA	+55	TN	+88	IL	213,221	MA	8,876	VA	15,232
MS	+1,348	MA	+37	OK	+77	AZ	195,557	IL	8,017	MD	13,744
MO	+1,258	CH	+36	VA	+69	NJ	188,427	PA	7,523	AL	13,080
NC	+1,153	MS	+35	WA	+62	NC	147,932	MI	6,618	CH	12,529
AL	+1,117	NC	+35	KS	+56	LA	139,903	GA	4,849	MA	12,213
+28,801		+1,022		+1,452		3,336,358		109,228		258,408	
All states	+45,103	All states	+1,416	All states	+2,036	All states	5,502,927	All states	165,011	All states	353,270
Top ten	64%	Top ten	72%	Top ten	71%	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	
FR	-732	FL	-45	SC	-294	LA	+14,608
GA	-511	SC	-38	VA	-94	TX	+8,782
IN	-352	IN	-15	GA	-61	TN	+2,189
NV	-283	NC	-13	NE	-48	MA	+1,719
AZ	-278	TN	-13	AR	-26	CH	+1,368



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

Recommended reading

[Why Americans Should Adopt the Sweden Model on Covid-19](#)

Gilbert Berdine, MD
Mises Institute
August 15, 2020

[Dr. Fauci: Voting In Person Will Be As Safe As Going To The Grocery Store, If You Follow Guidelines](#)

Tim Hains
RealClear Politics
August 14, 2020

[Saliva-based coronavirus test funded by NBA, NBPA gets emergency authorization from FDA](#)

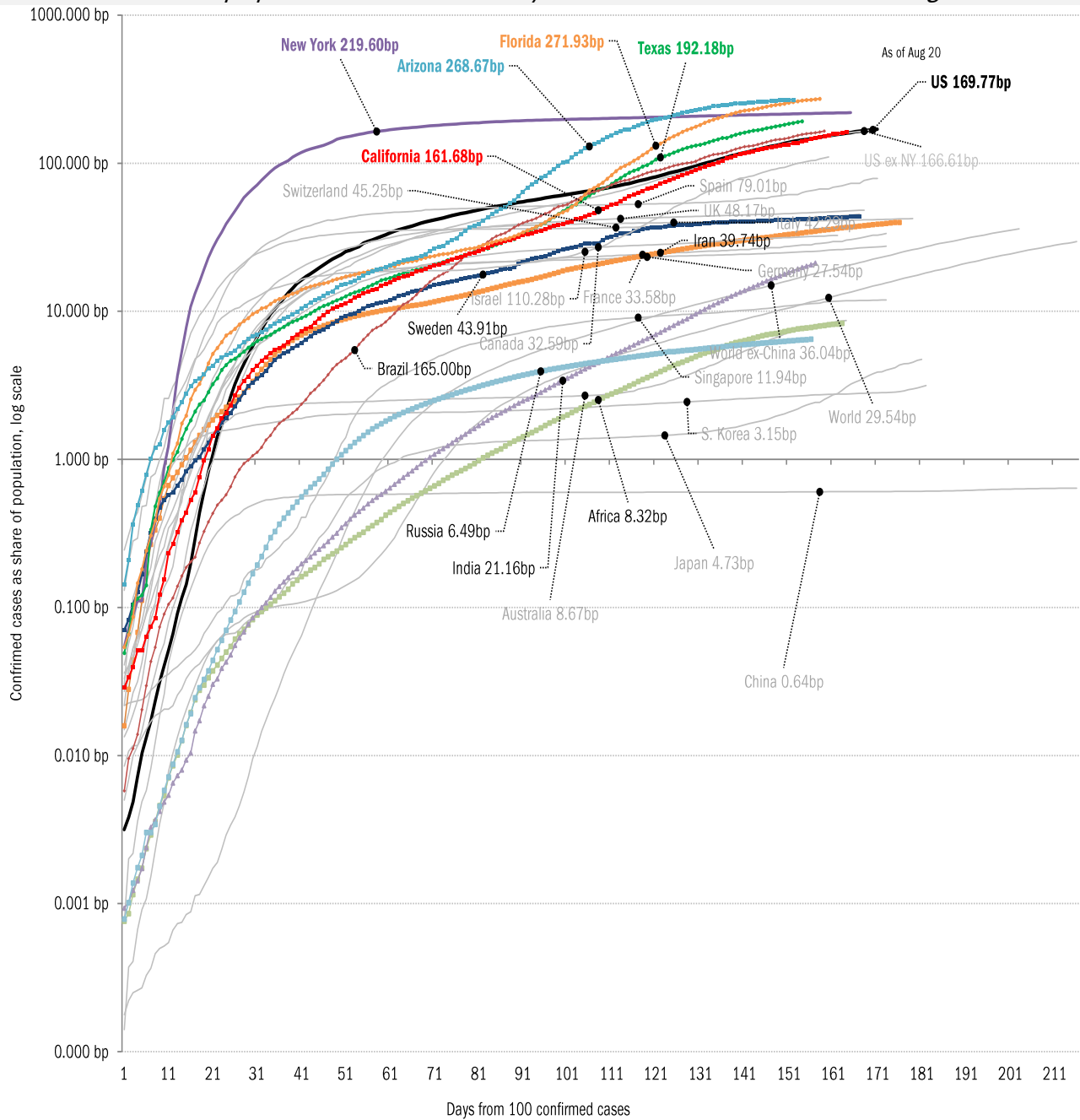
Zach Lowe
ESPN
August 15, 2020

Meme of day



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

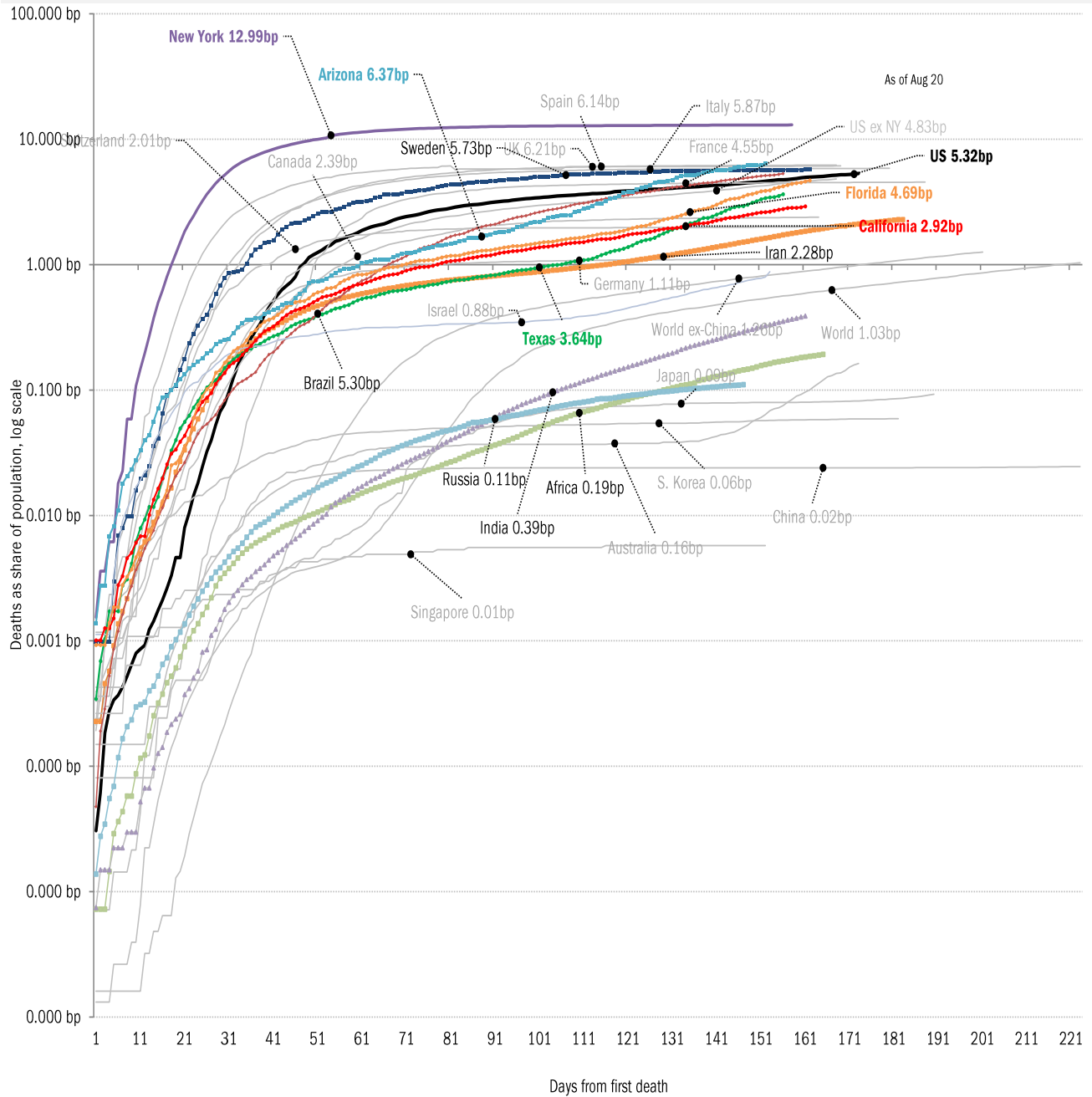
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

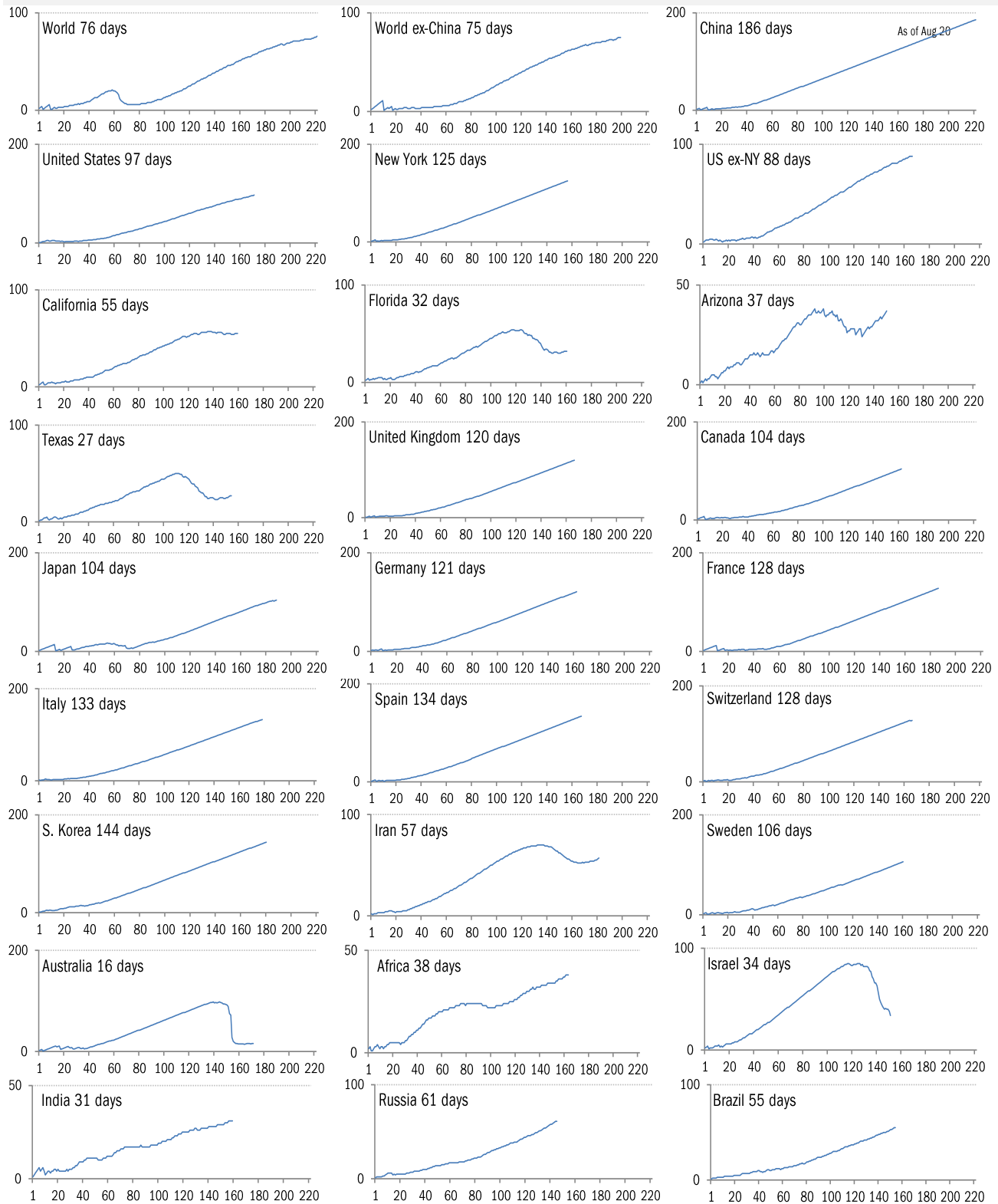
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

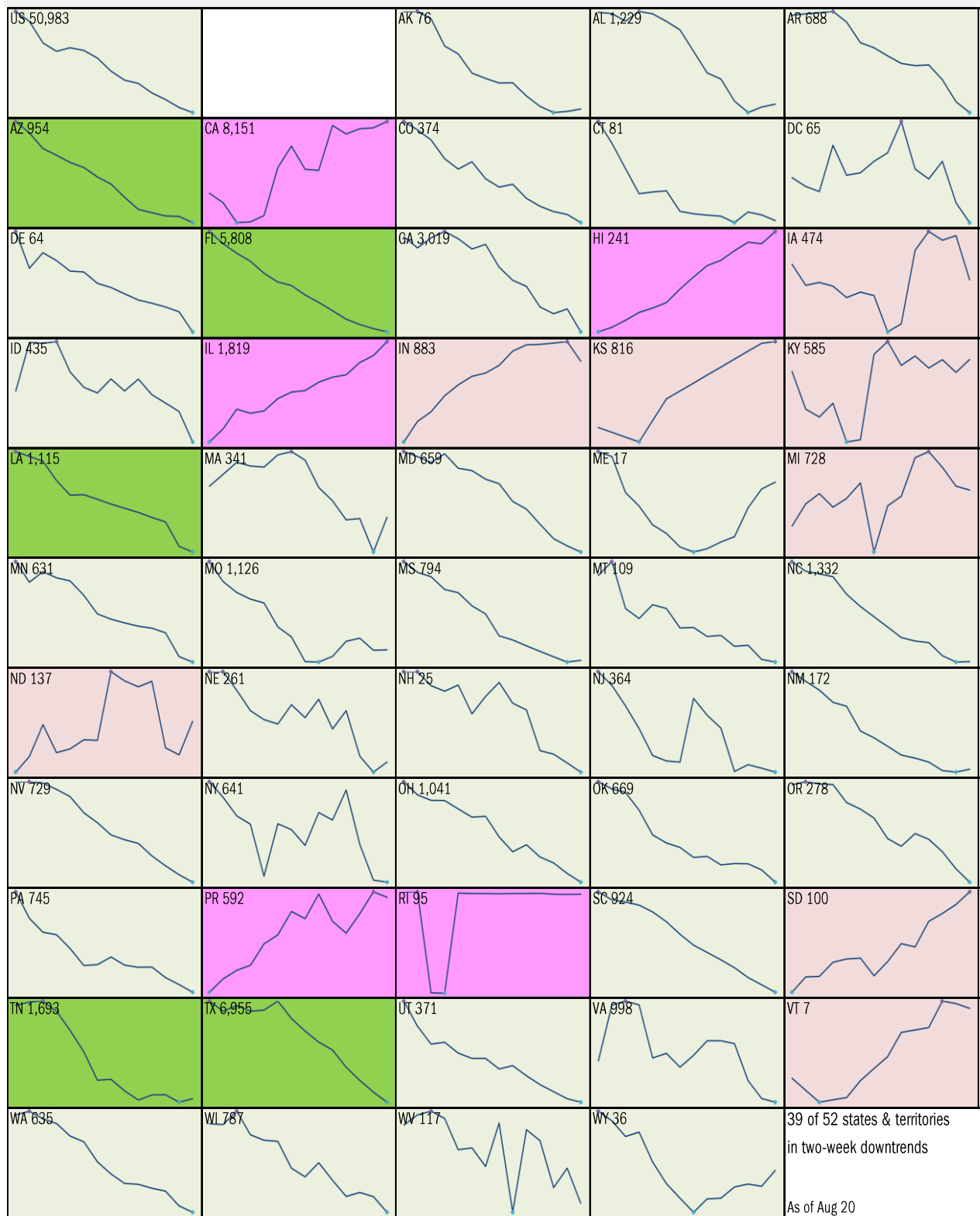
Our most reliable evidence of slowing exponential growth of Covid-2019

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



Source: [ECDC](#), TrendMacro calculations

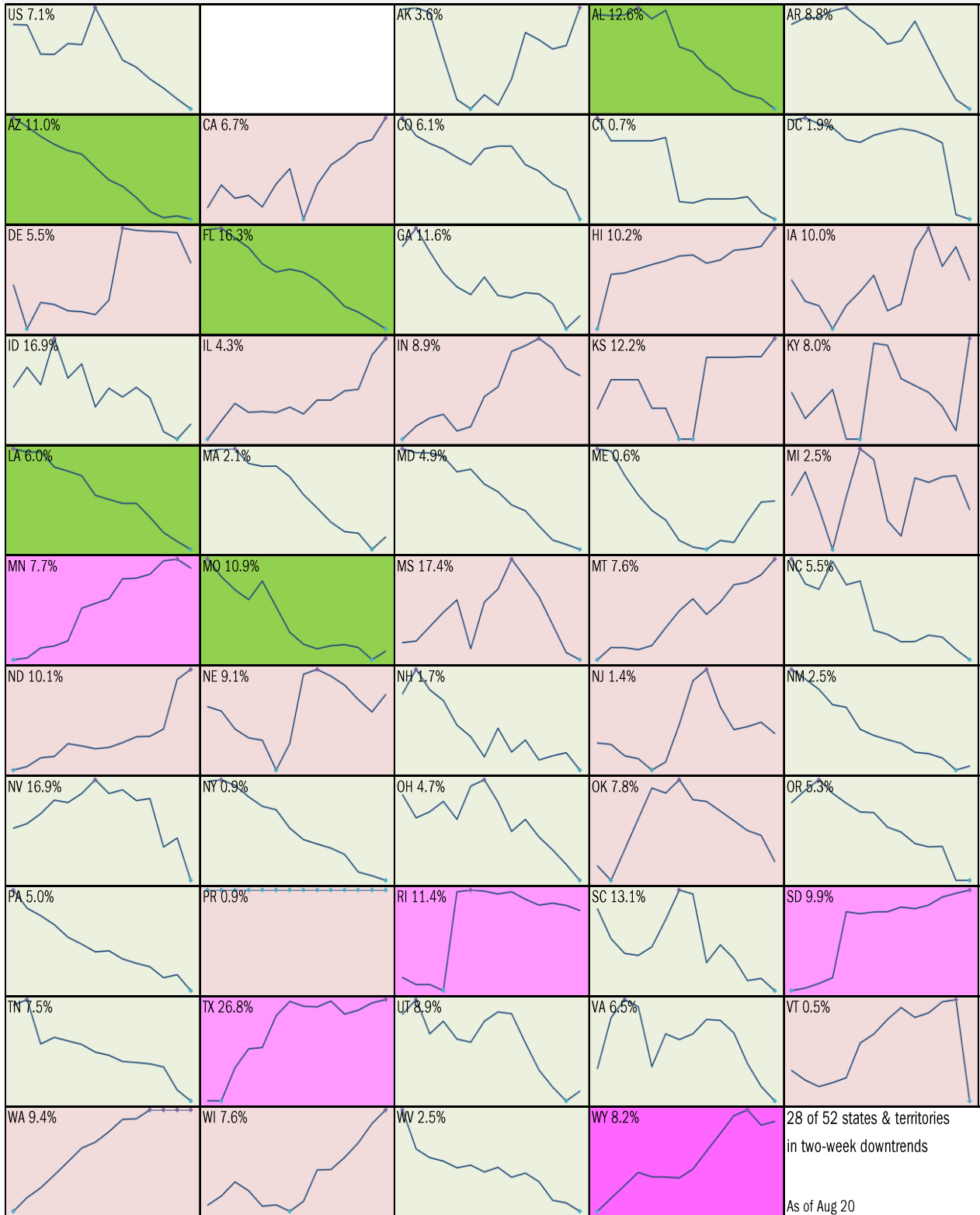
Requirement to [Open Up America Again](#): 14-day "downward trajectory" in new cases
 14-day moving average, last 14 days *Most recent value displayed* ● High ● Low
 ■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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



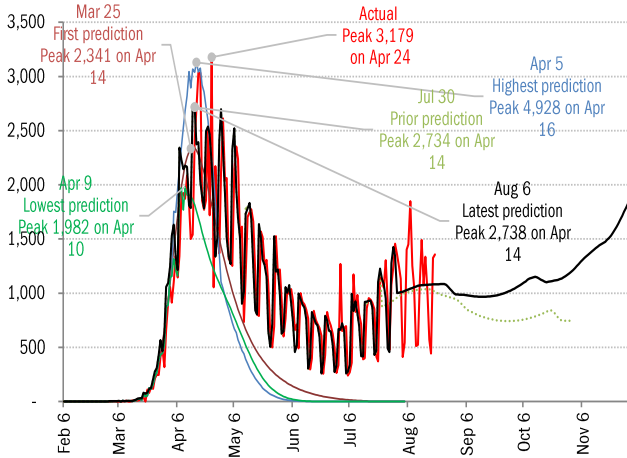
Source: [Covid Tracking Project](#), TrendMacro calculations

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

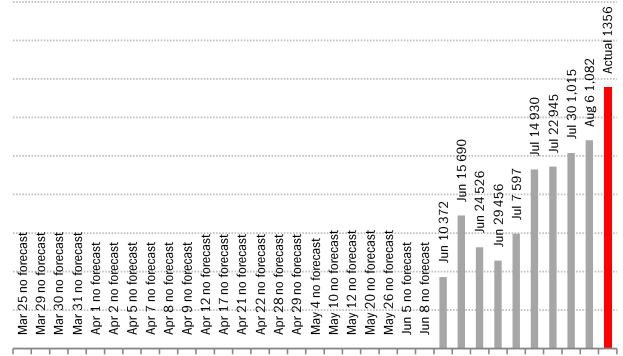
New daily fatalities

As of Aug 20

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

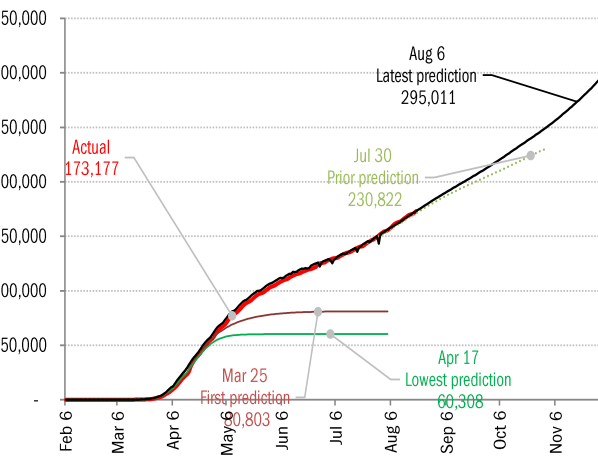


For this day, versus all model mean predictions

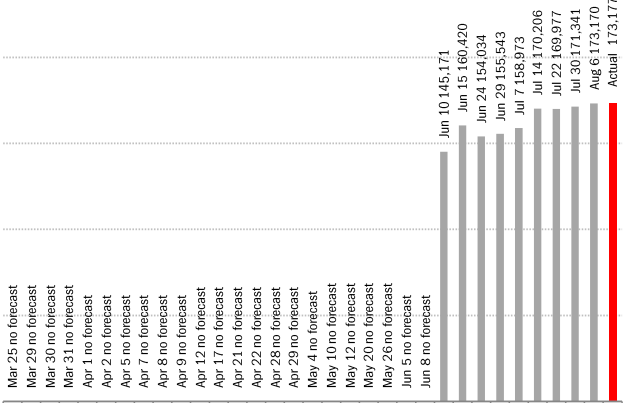


Cumulative fatalities

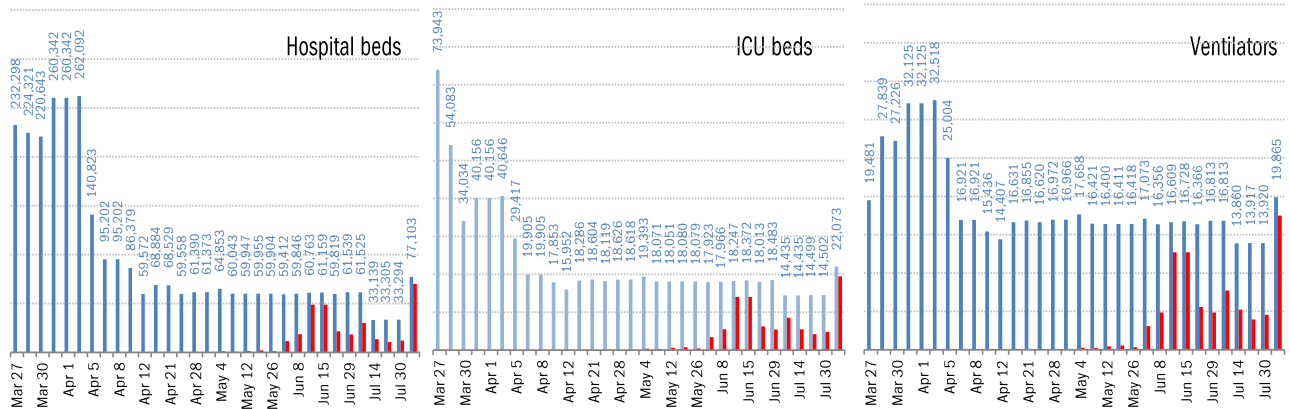
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

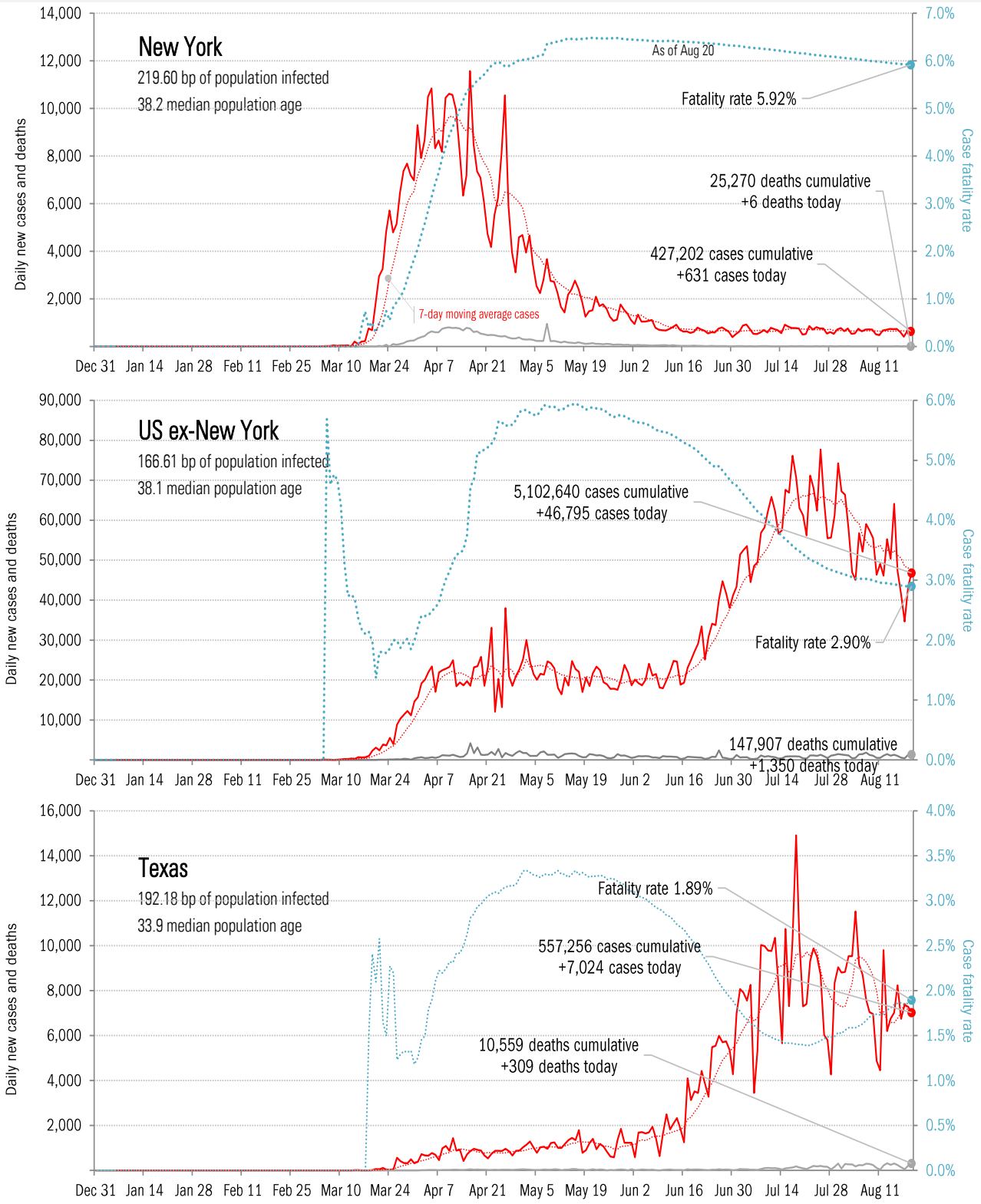


Healthcare system stress, **peak** and **ultimate** estimated at each model revision



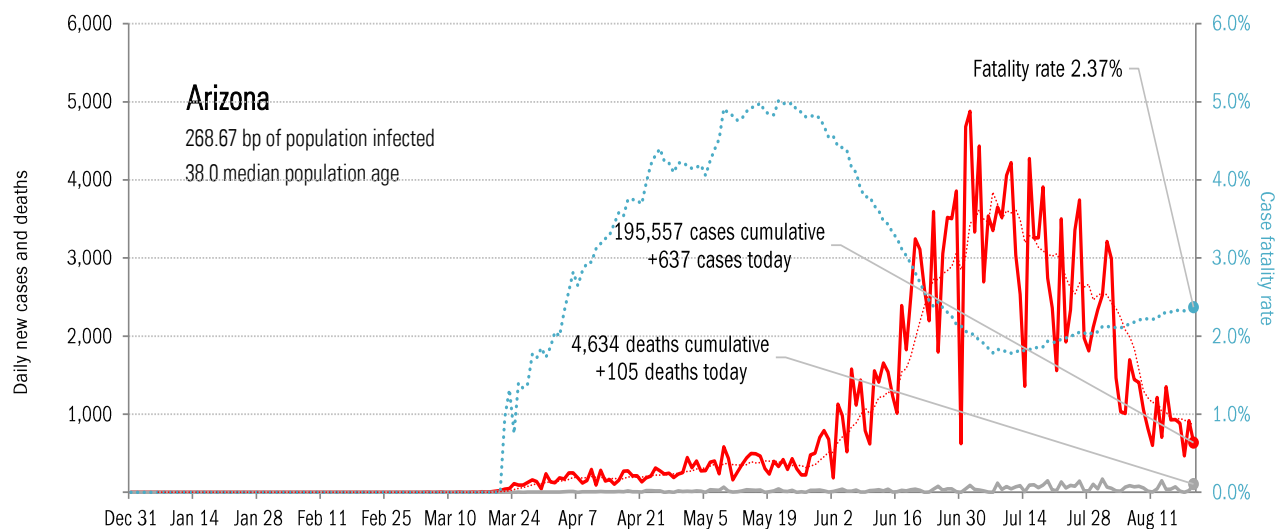
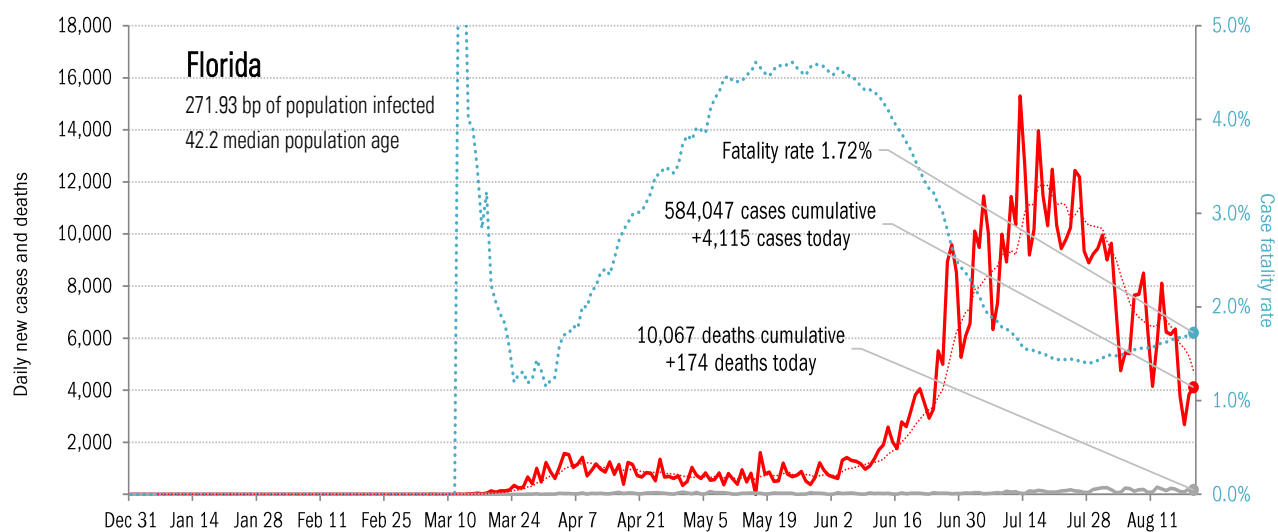
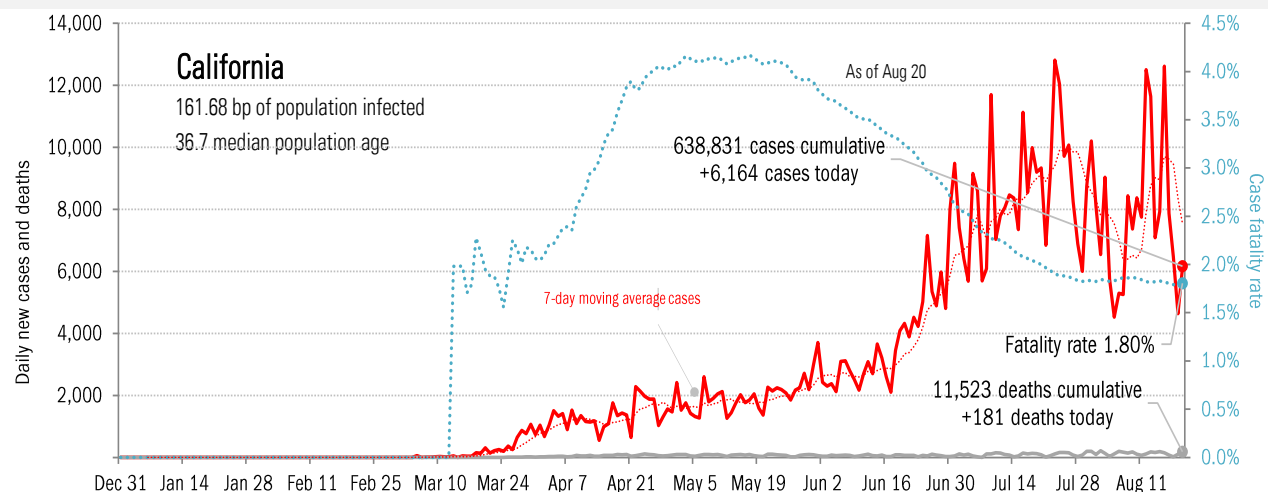
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



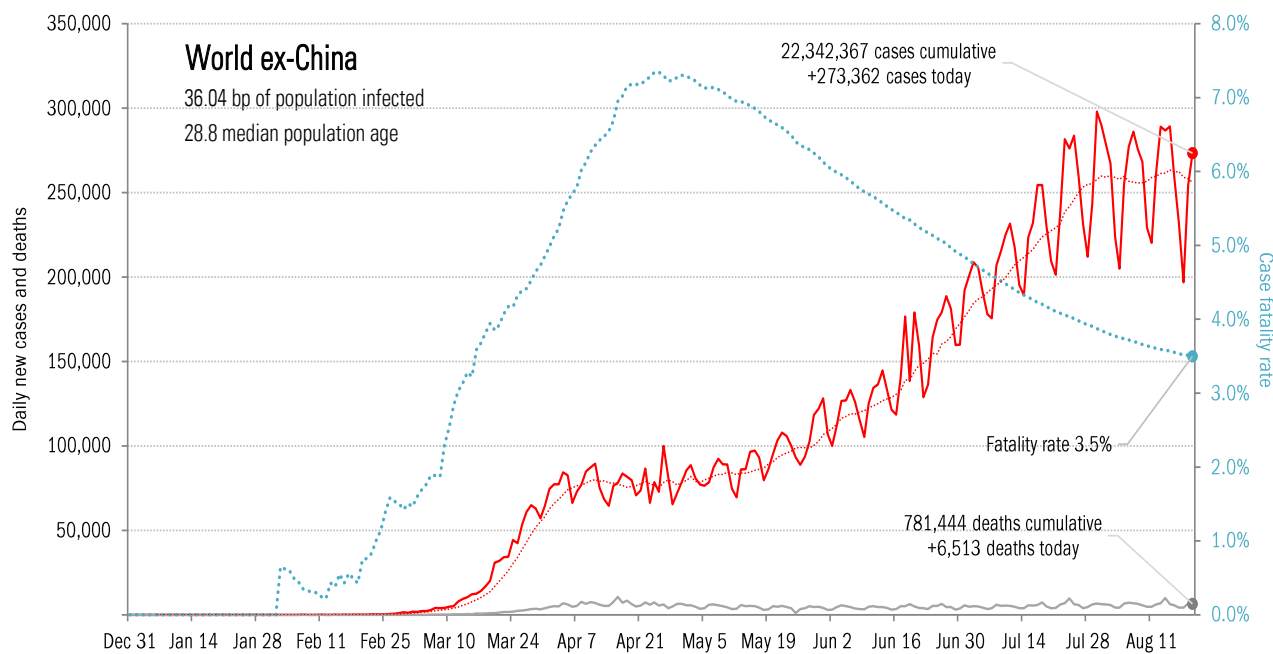
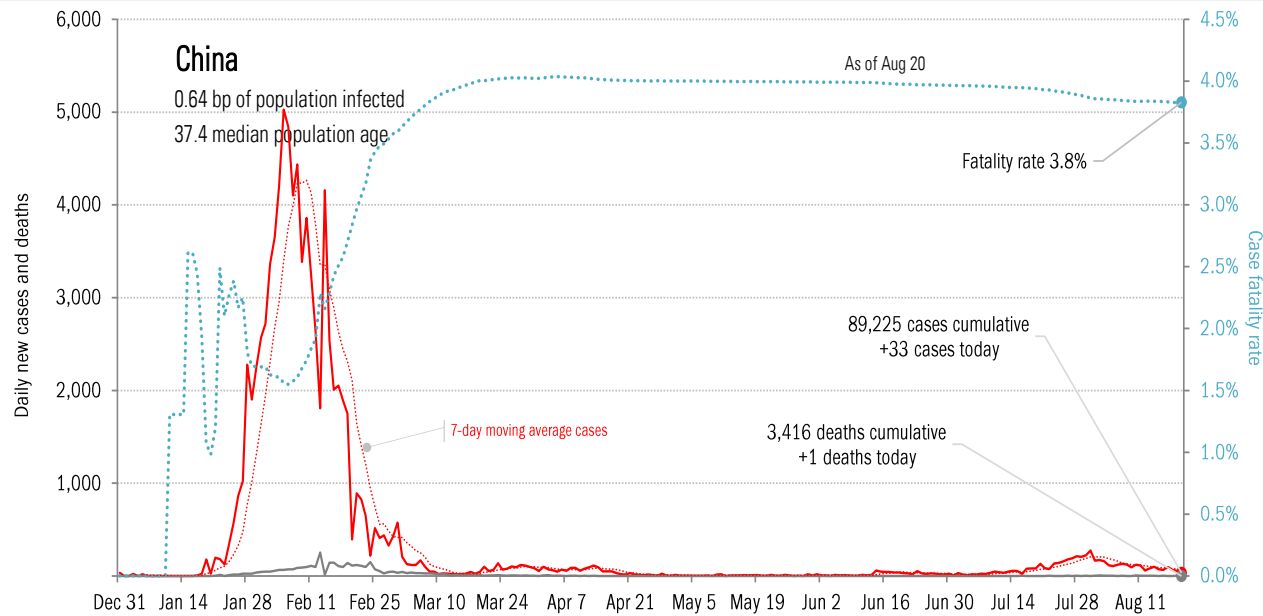
Source: [ECDC](#), TrendMacro calculations

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



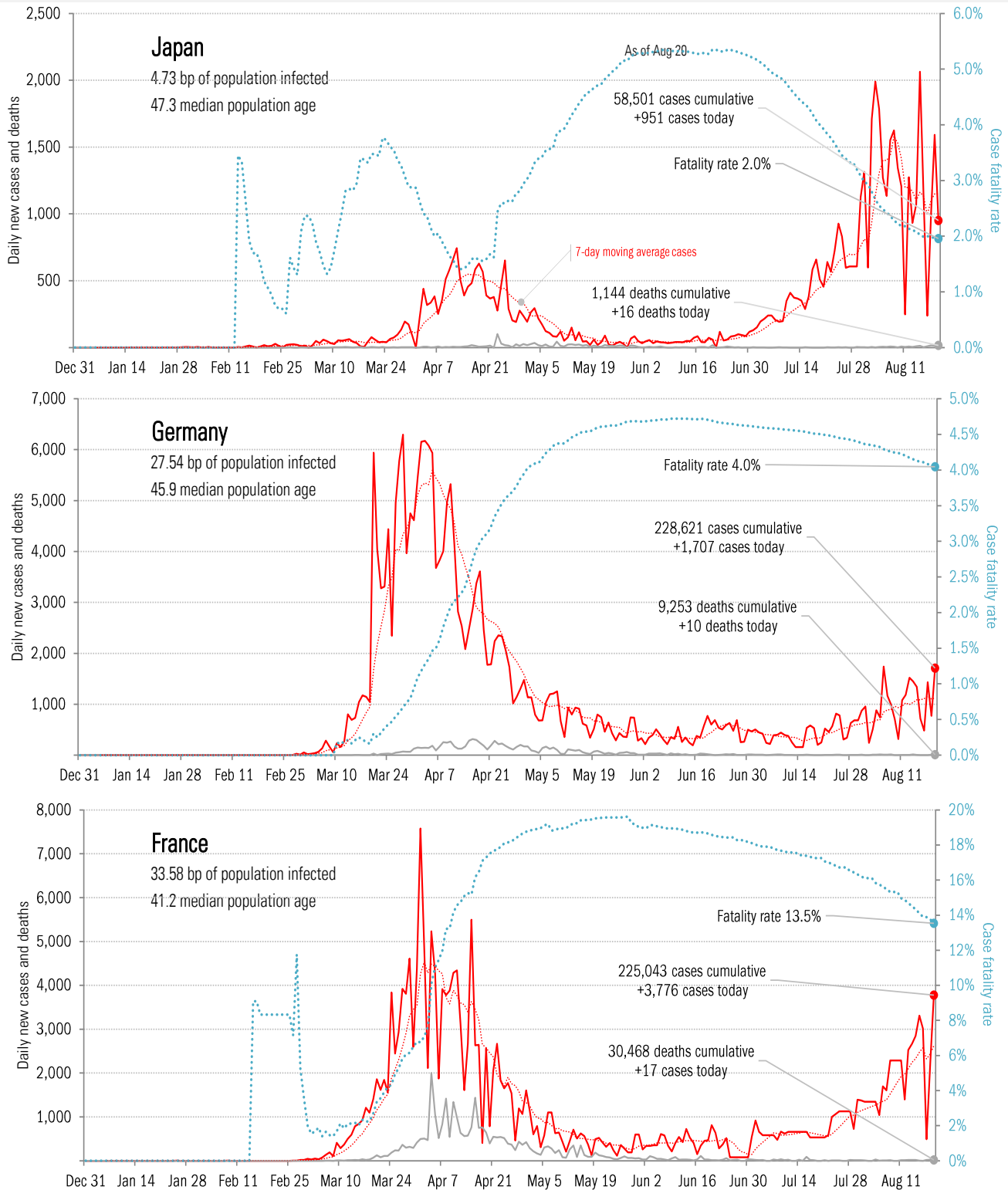
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



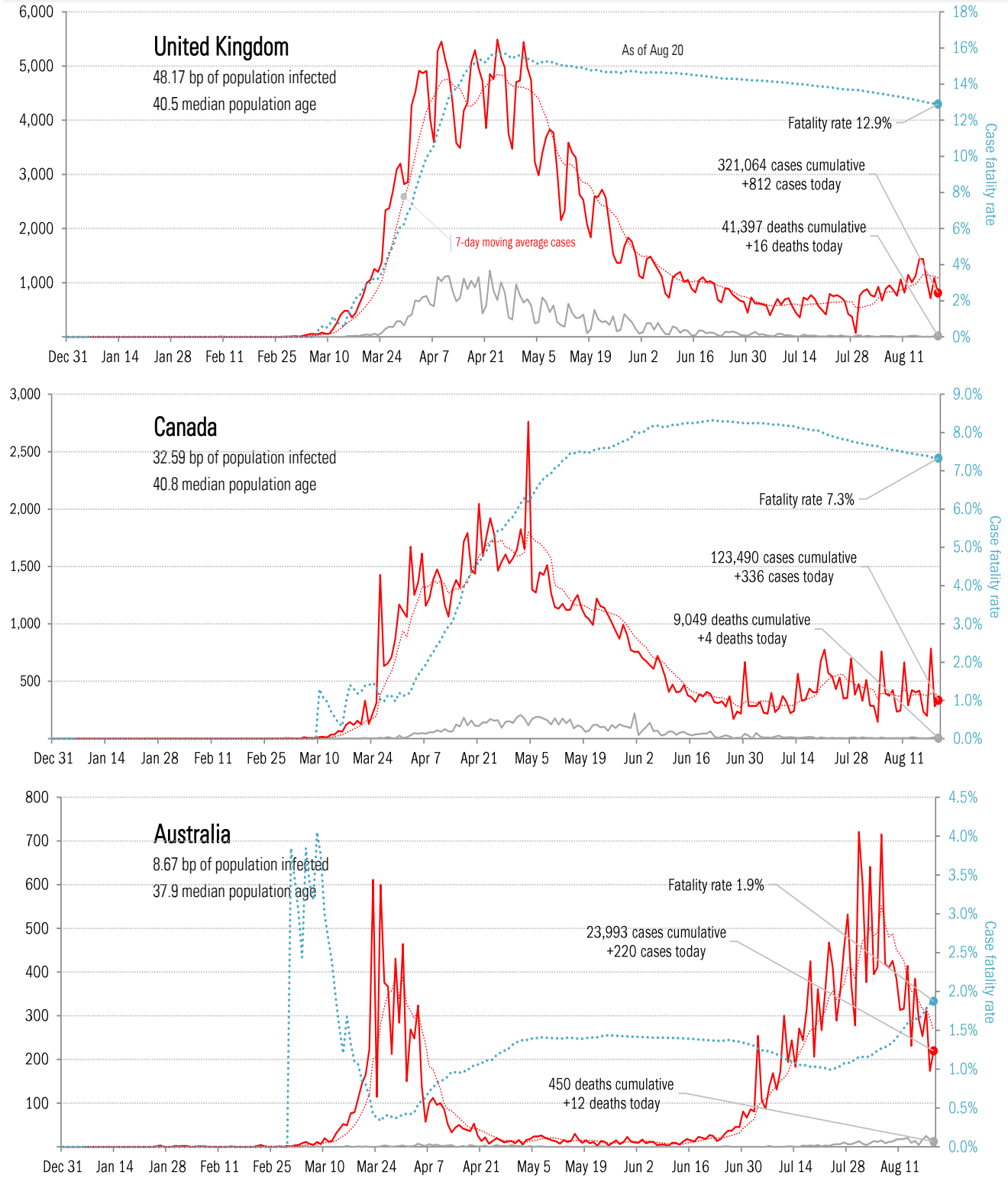
Source: [ECDC](https://www.ecdc.europa.eu/en/), TrendMacro calculations

Impact in the largest economies



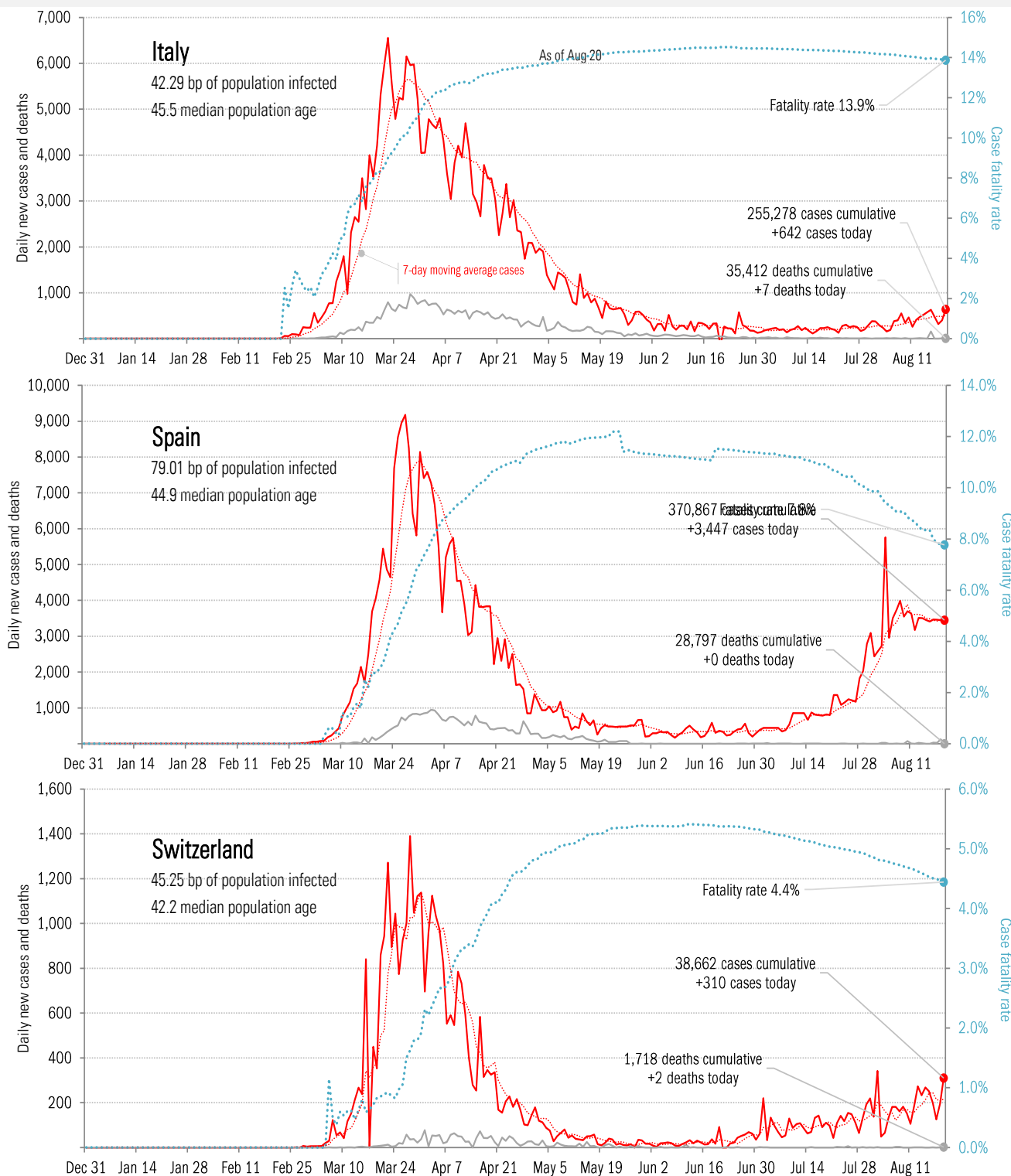
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



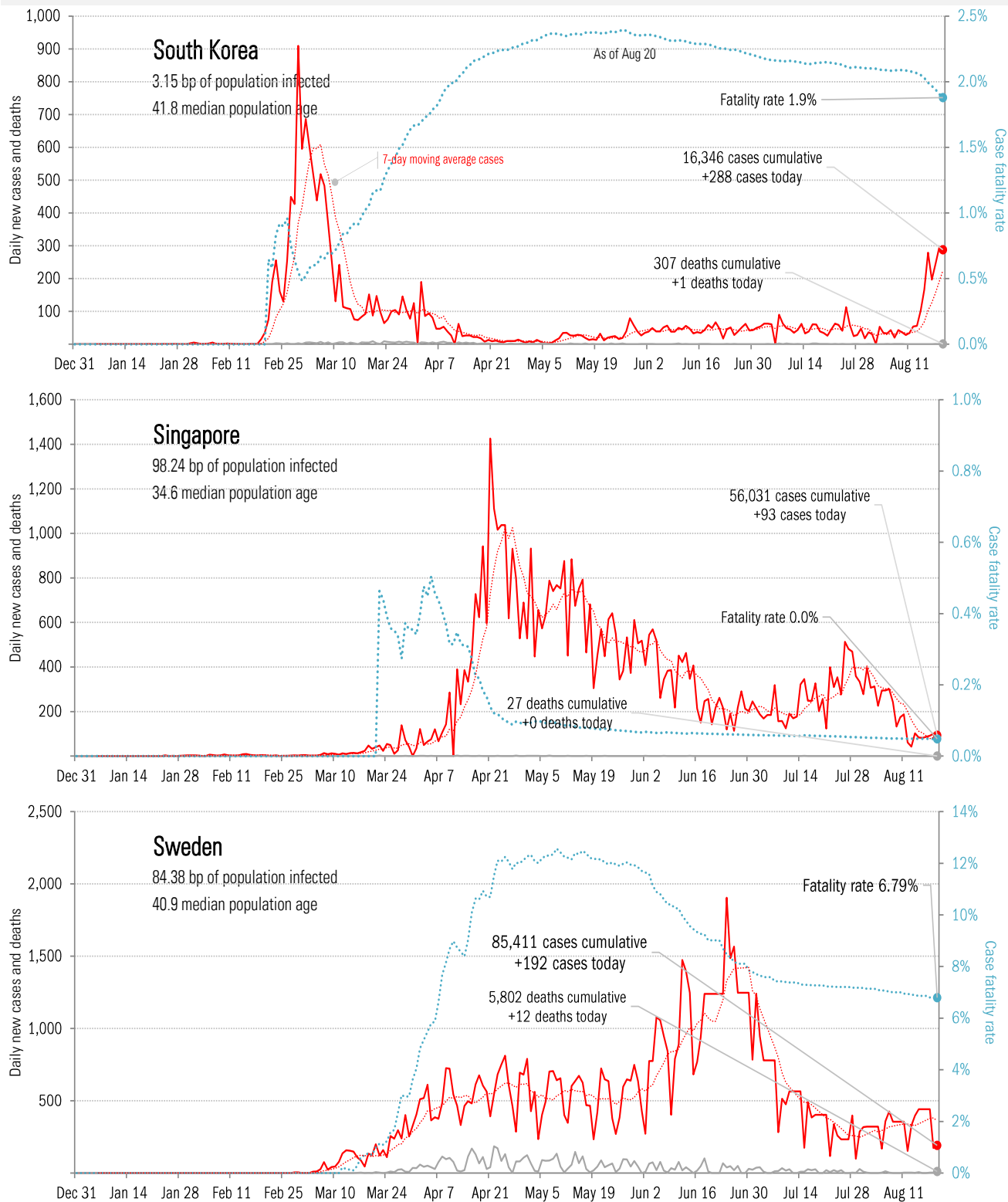
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



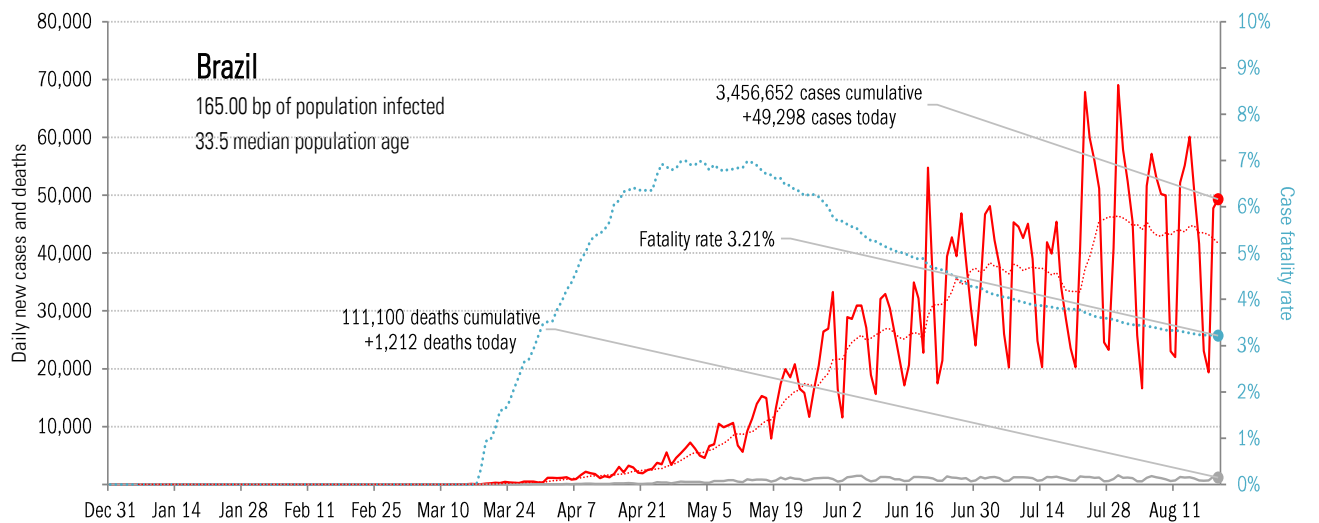
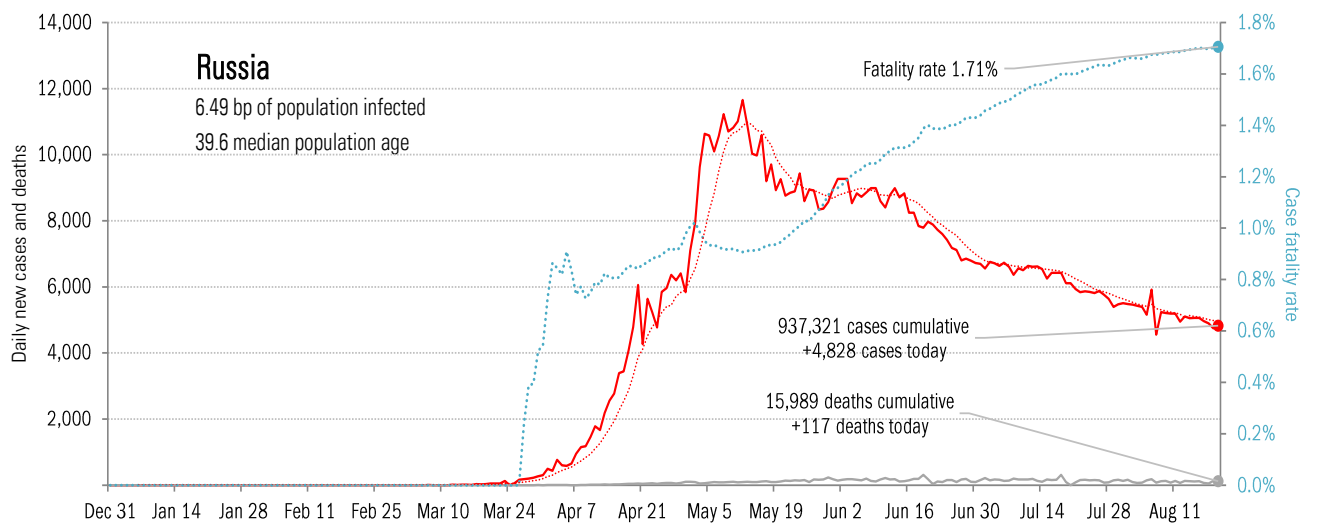
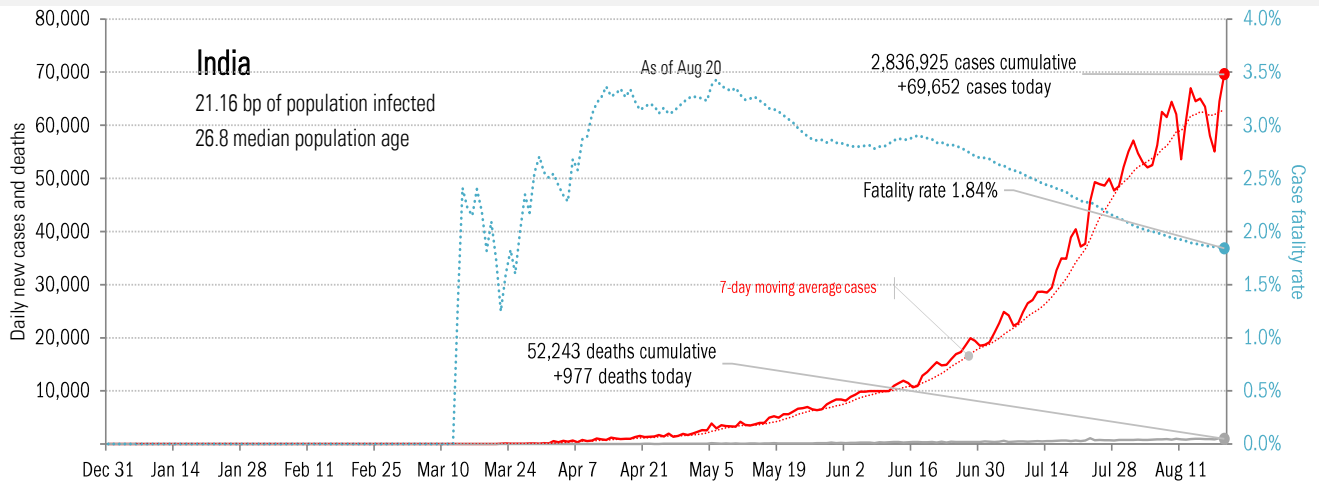
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



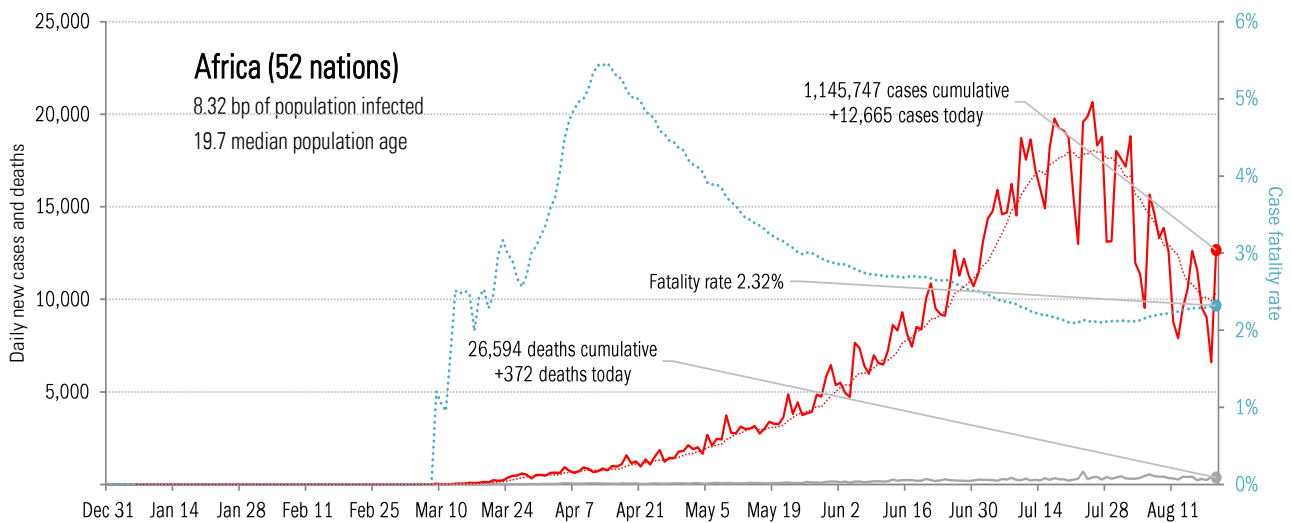
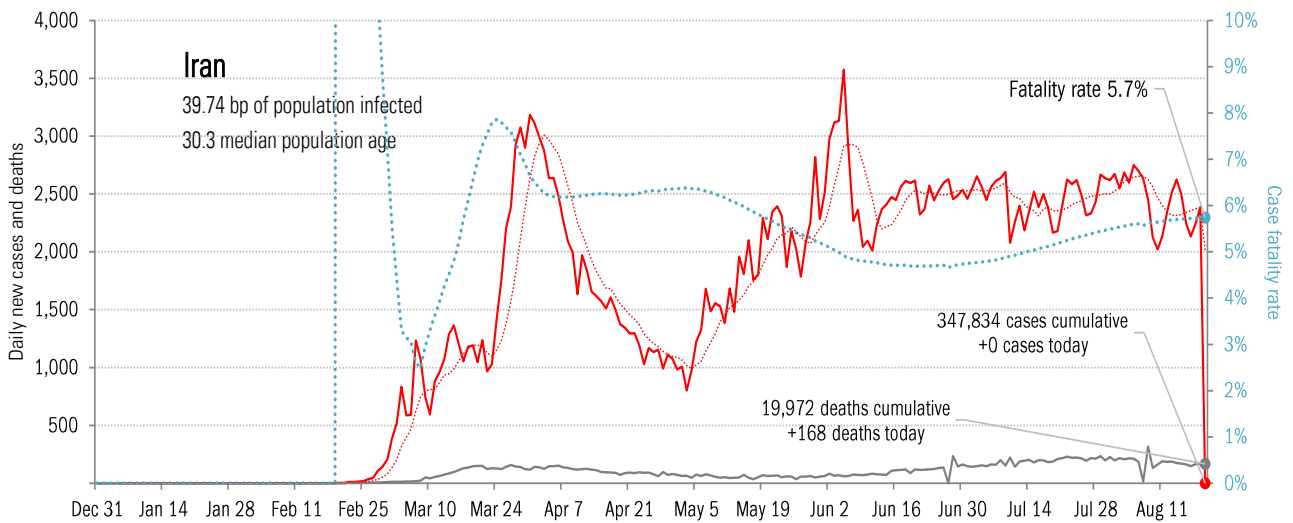
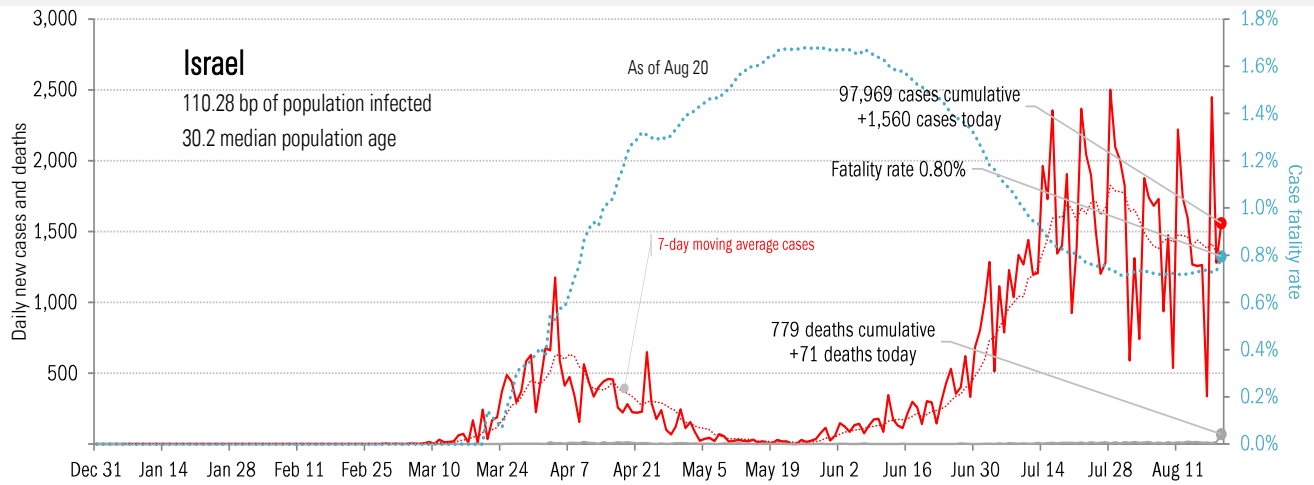
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations