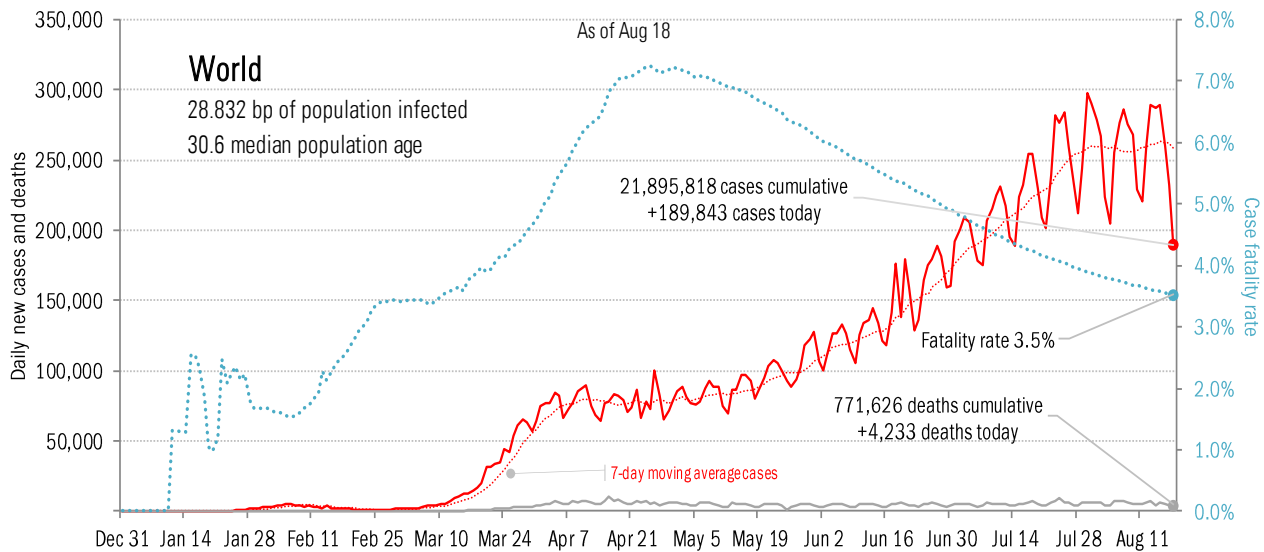
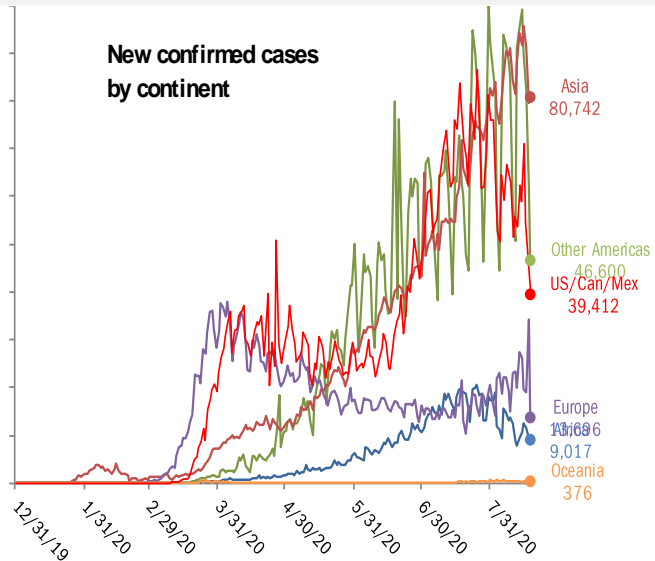


Data Insights: Covid-2019 Monitor

Tuesday, August 18, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+55,079	India	+876
US	+35,056	Brazil	+684
Brazil	+19,373	US	+445
Colombia	+8,328	Colombia	+275
Peru	+5,547	Mexico	+266
Argentina	+5,469	Peru	+200
Russia	+4,892	Iran	+165
Mexico	+3,571	Kazakhstan	+148
Philippines	+3,221	South_Africa	+143
Iraq	+3,202	Iraq	+94
+143,738		+3,296	
World +189,843		World +4,233	
Top ten 76%		Top ten 78%	



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

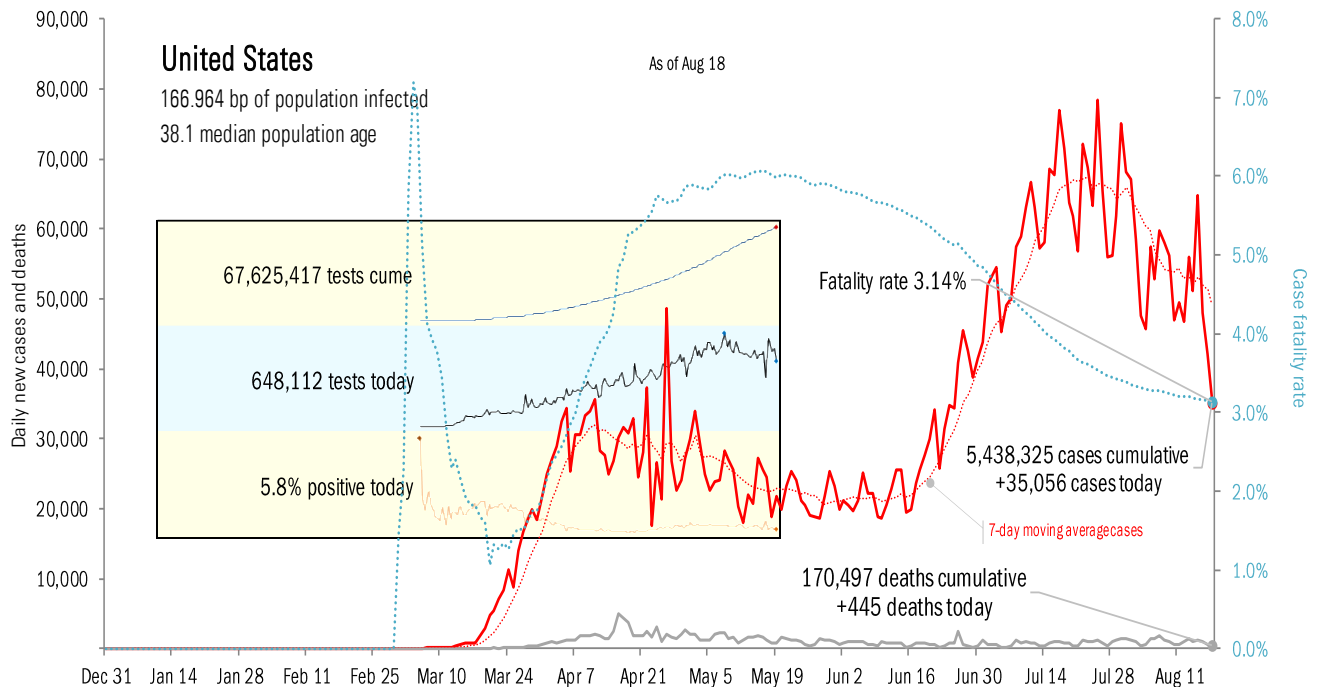
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
TX	+7,368	FL	+87	AL	+351	CA	628,031	NY	25,256	NY	89,995
CA	+6,469	TX	+51	FL	+266	FL	576,094	NJ	15,916	FL	34,607
FL	+2,678	MO	+29	CH	+83	TX	542,950	CA	11,242	NJ	22,218
GA	+1,831	AL	+27	MS	+73	NY	425,916	TX	10,034	GA	22,133
IL	+1,773	GA	+25	AR	+51	GA	238,861	FL	9,674	AZ	20,756
KS	+1,282	TN	+21	CR	+50	IL	209,186	MA	8,833	VA	15,000
MO	+1,148	LA	+19	GA	+46	AZ	194,005	IL	7,967	MD	13,658
TN	+1,036	SC	+19	MD	+44	NJ	187,767	PA	7,468	AL	12,958
CH	+775	CA	+18	IN	+38	NC	145,516	MI	6,592	CH	12,319
PR	+754	WA	+15	MN	+35	LA	138,485	GA	4,727	MA	12,178
+25,114		+311		+1,037		3,286,811		107,709		255,822	
All states	+37,817	All states	+407	All states	+1,267	All states	5,417,366	All states	162,400	All states	348,961
Top ten	66%	Top ten	76%	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	
CA	-1,404	TX	-92	IN	-25	NC	+10,780
FL	-1,101	CA	-59	MD	-14	MS	+6,741
TN	-925	LA	-58	GA	-13	TX	+6,245
NC	-682	FL	-20	OK	-7	TN	+2,157
LA	-614	AZ	-14	WI	-6	IN	+876



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

Recommended reading

[Open letter to Dr. Anthony Fauci regarding the use of Hydroxychloroquine for treating COVID-19](#)

George C. Fareed et al.
Desert Review
August 13, 2020

['Historic Win': John MacArthur Claims Victory in Lawsuit Over Church Restrictions](#)

Tré Goins-Phillips
CBN News
August 14, 2020

[If you can do your job anywhere, can anyone do your job?](#)

Andrew Hill
Financial Times
August 16, 2020

[Lockdown Becomes an Australian Nightmare](#)

James Morrow
Wall Street Journal
August 17, 2020

[Coronavirus, Contracts and the Constitution](#)

David B. Rivkin Jr. and J. Michael Luttig
Wall Street Journal
August 17, 2020

[Democrat-Controlled Chicago Spent \\$66 Million On A Coronavirus Facility That Treated 38 Patients—Total](#)

Ashe Schow
Daily Wire
August 15, 2020

[Sharp rise in virus cases in Lebanon after deadly port blast](#)

Bassem Mroue
AP
August 17, 2020

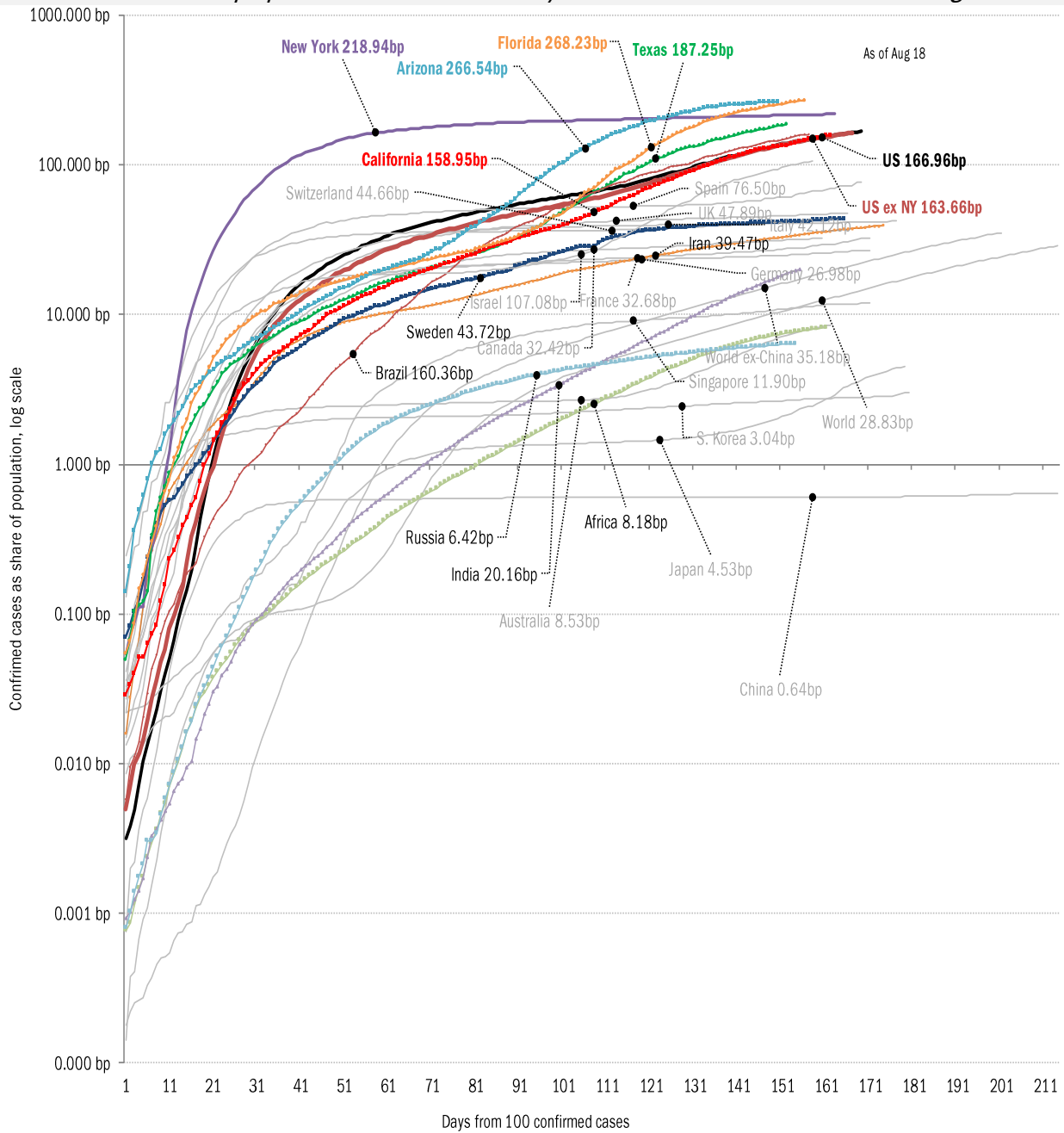
Meme of day

The chances of getting killed
by sheep are low



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

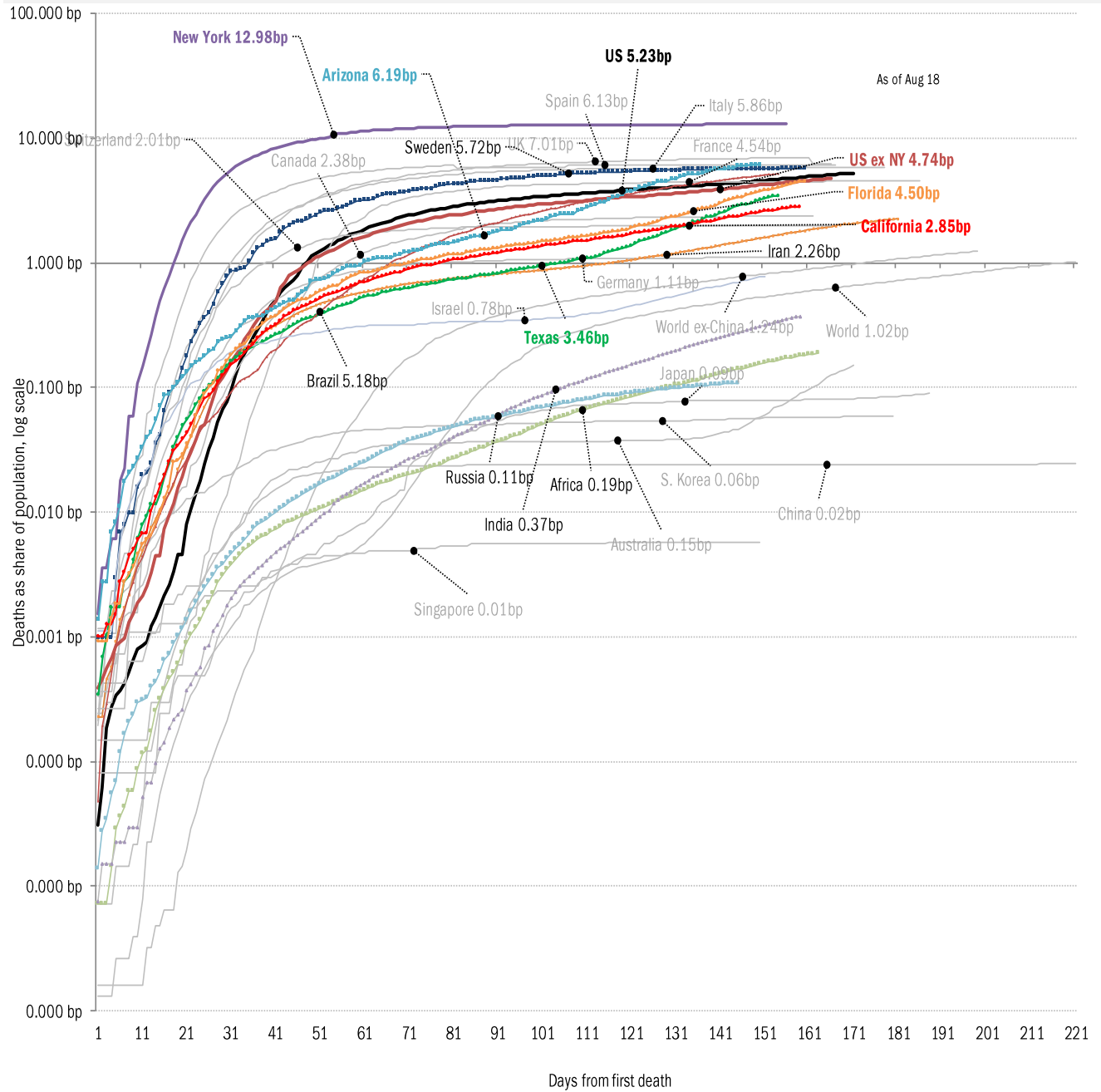
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

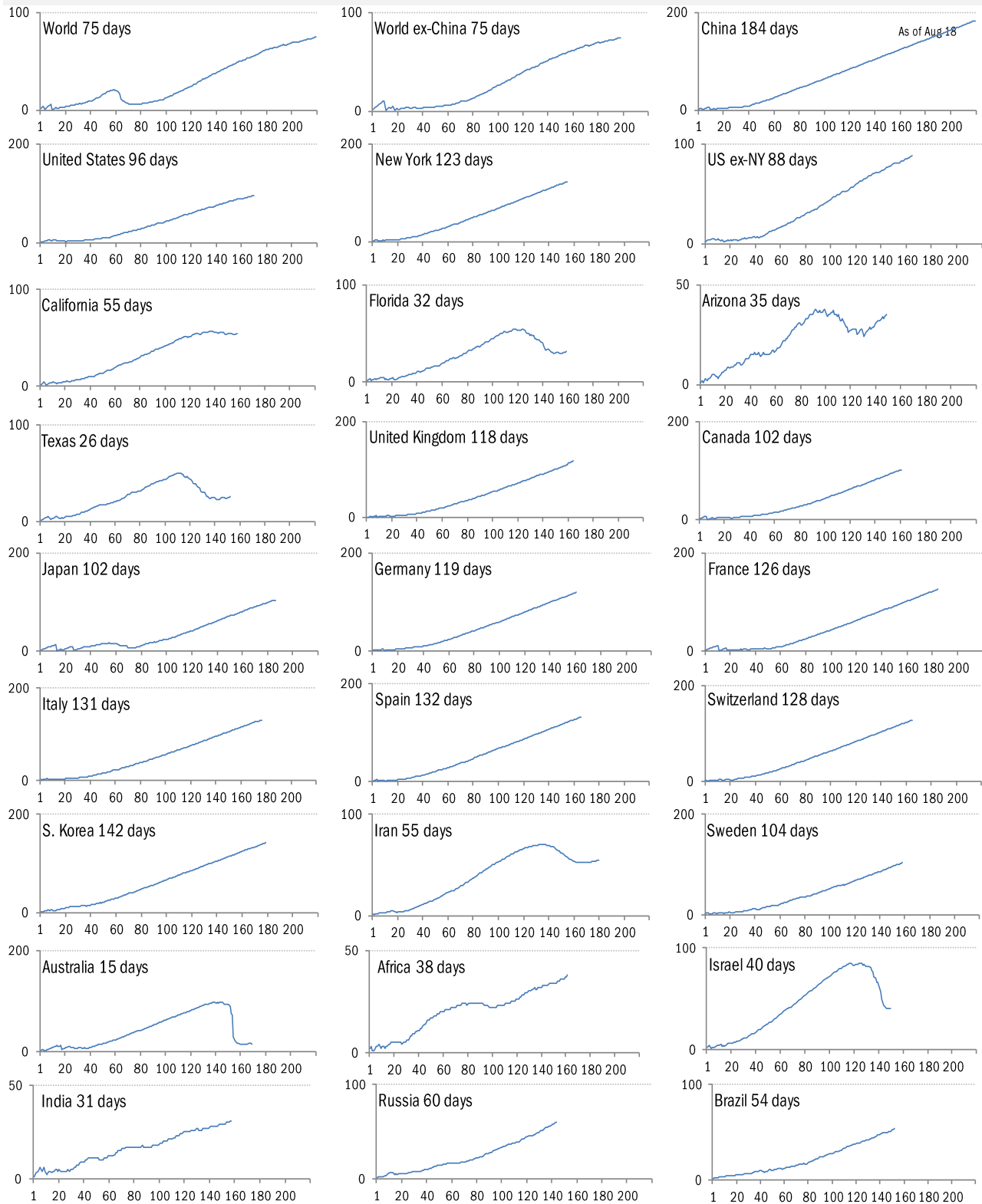
Share of deceased population from day of first fatality



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

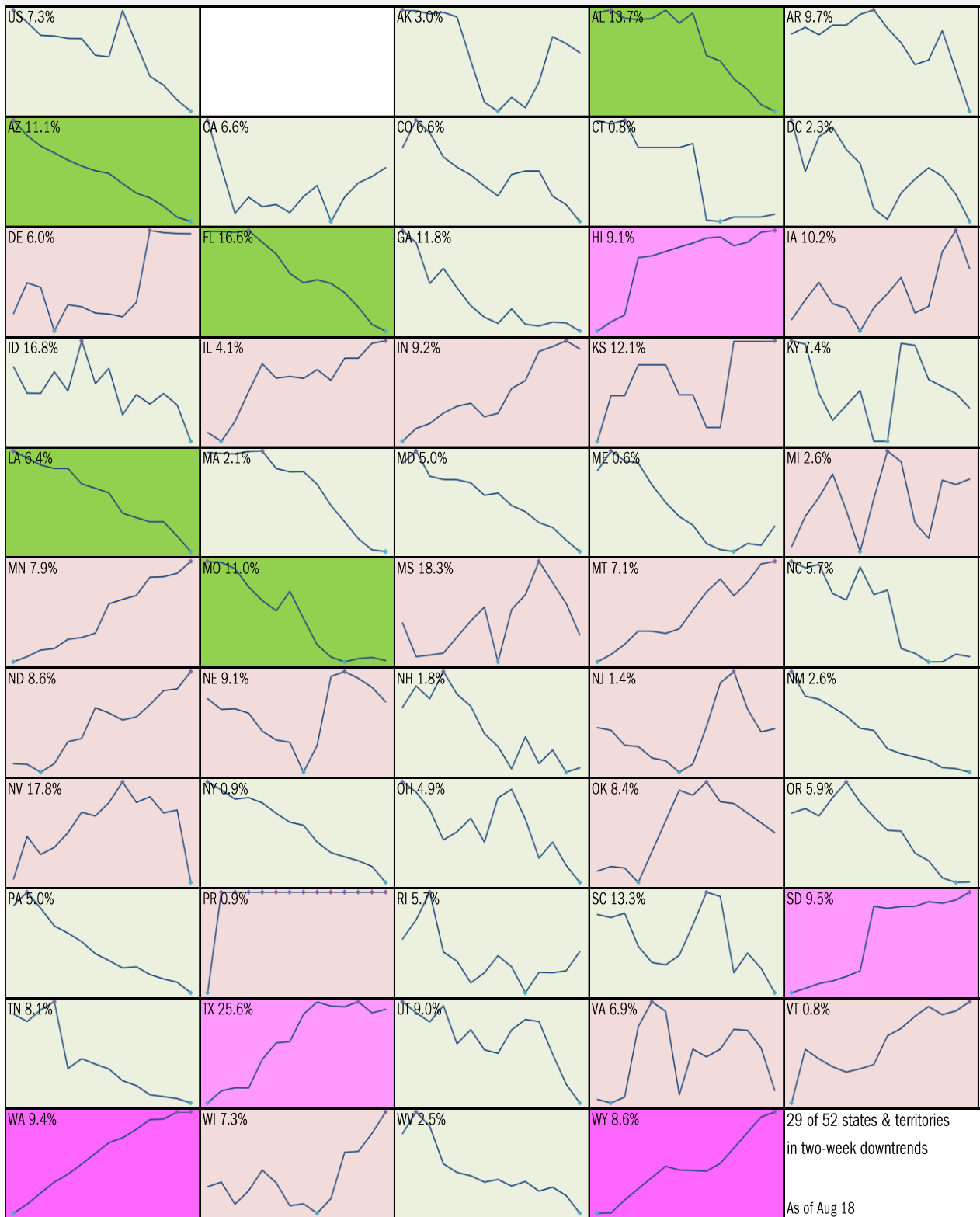


Source: [Covid Tracking Project](#), TrendMacro calculations

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



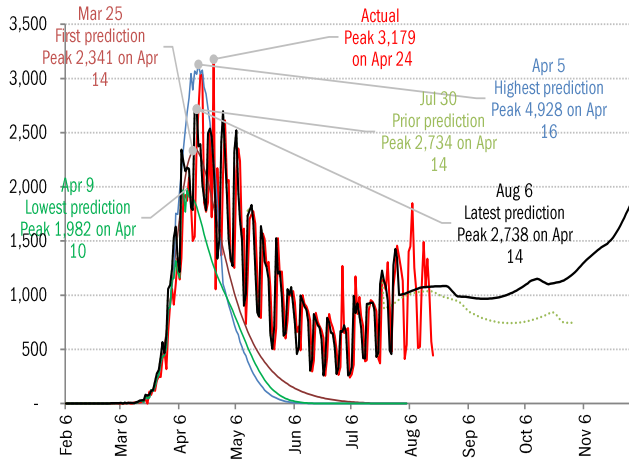
Source: [Covid Tracking Project](#), TrendMacro calculations

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

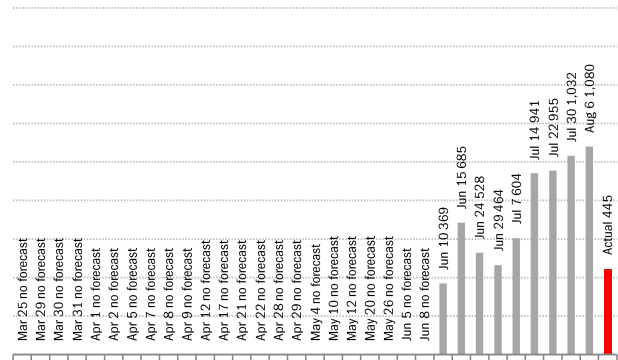
New daily fatalities

As of Aug 18

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

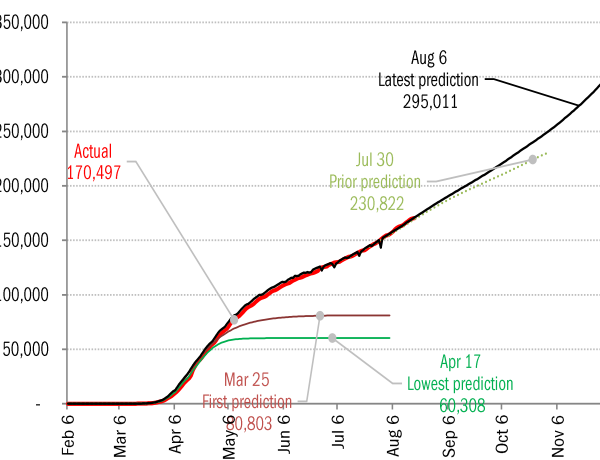


For this day, versus all model mean predictions

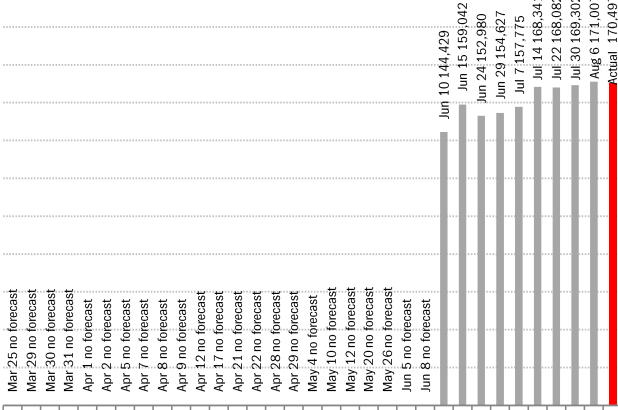


Cumulative fatalities

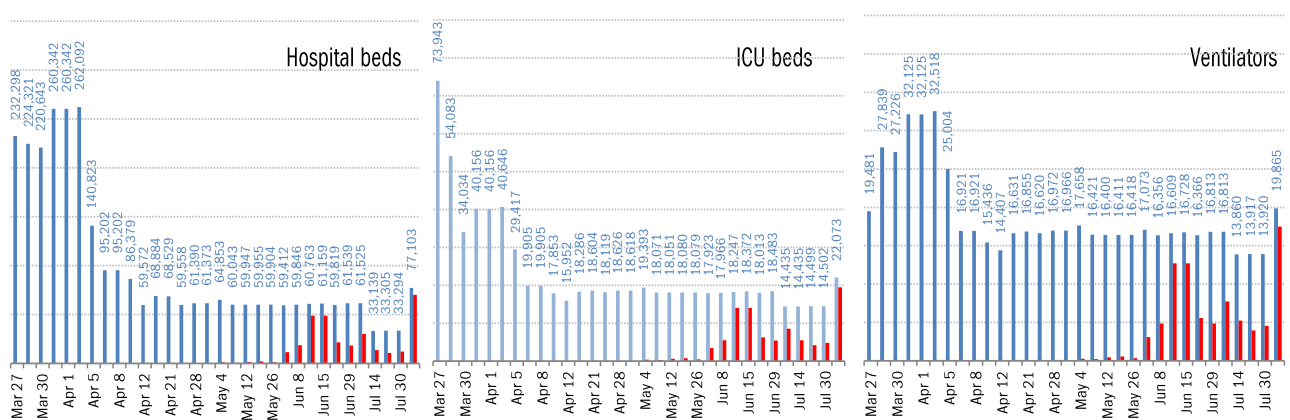
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

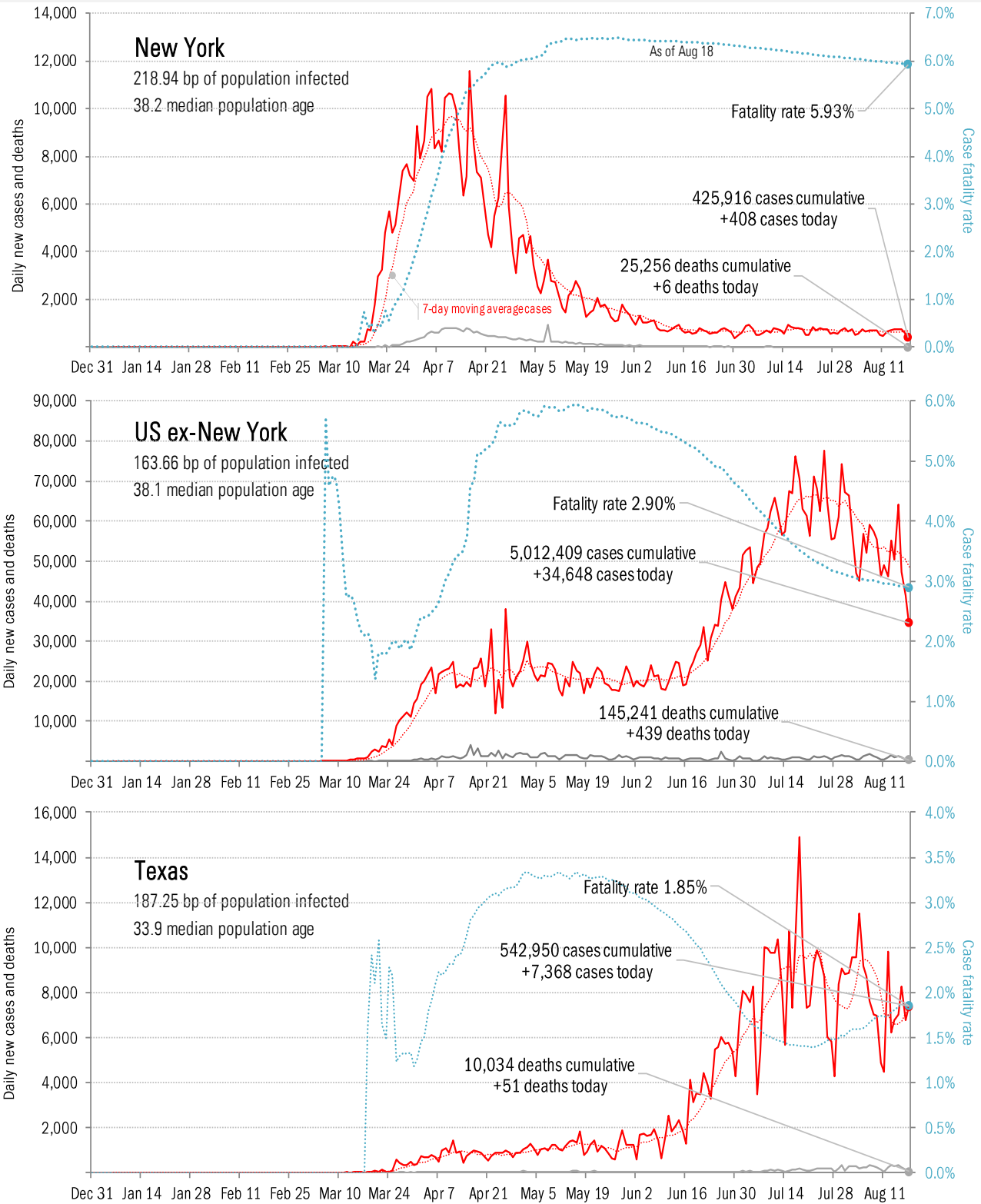


Healthcare system stress, **peak** and **ultimate** estimated at each model revision



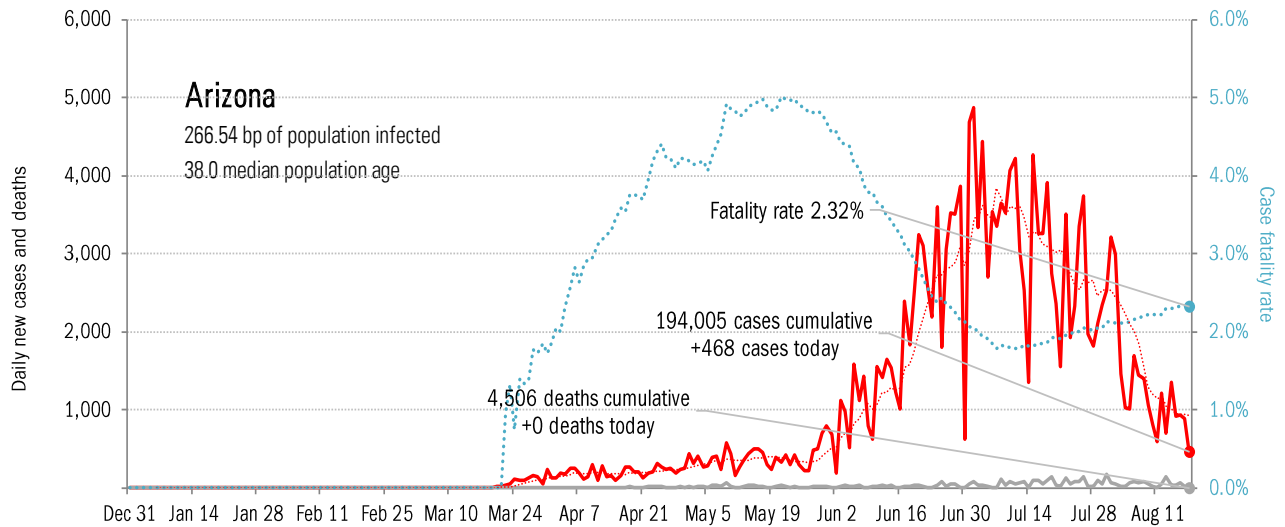
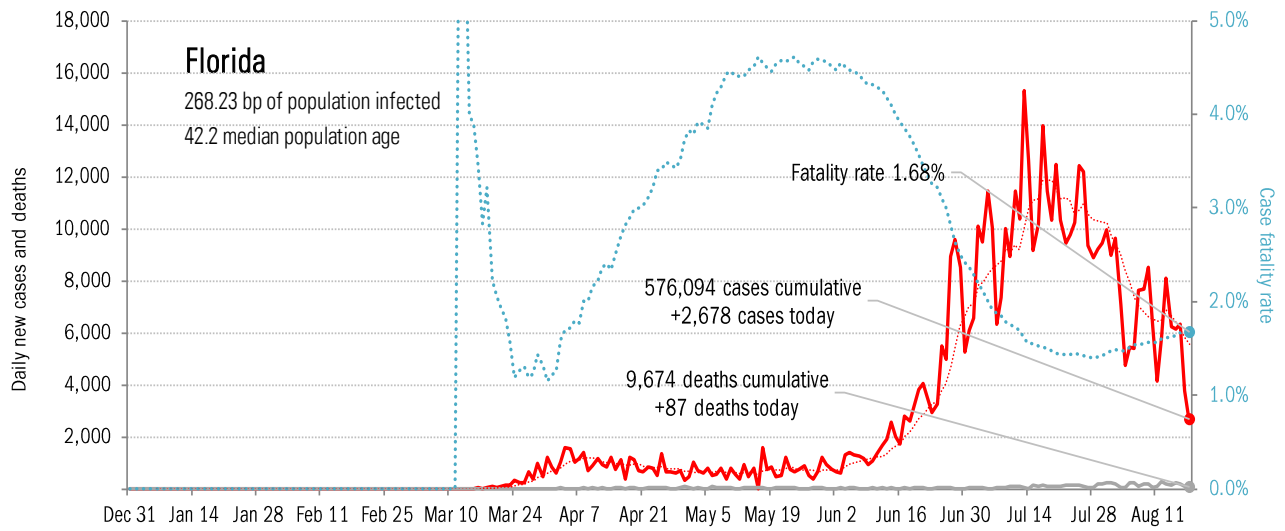
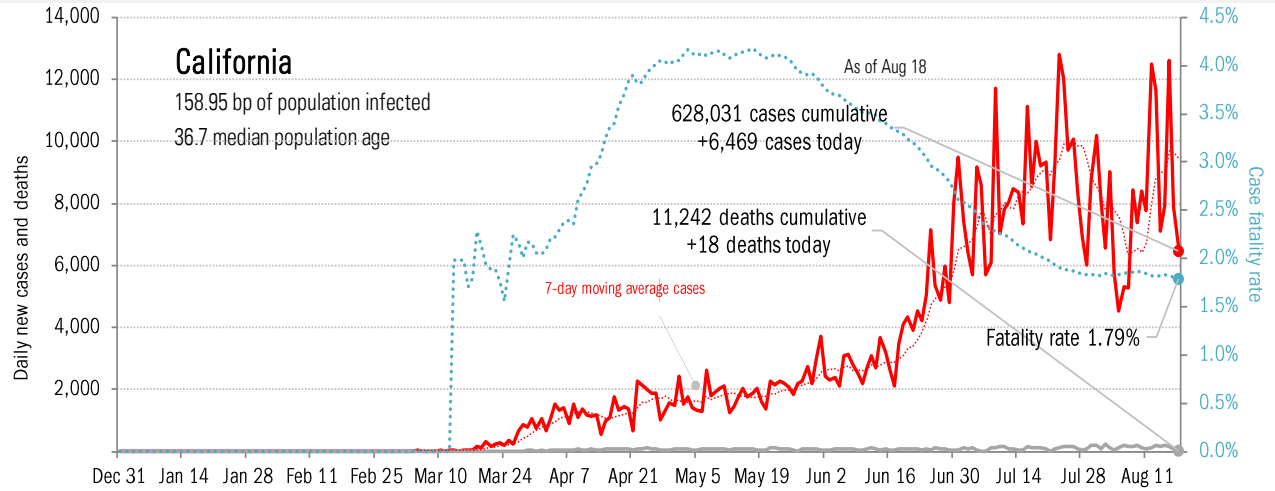
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



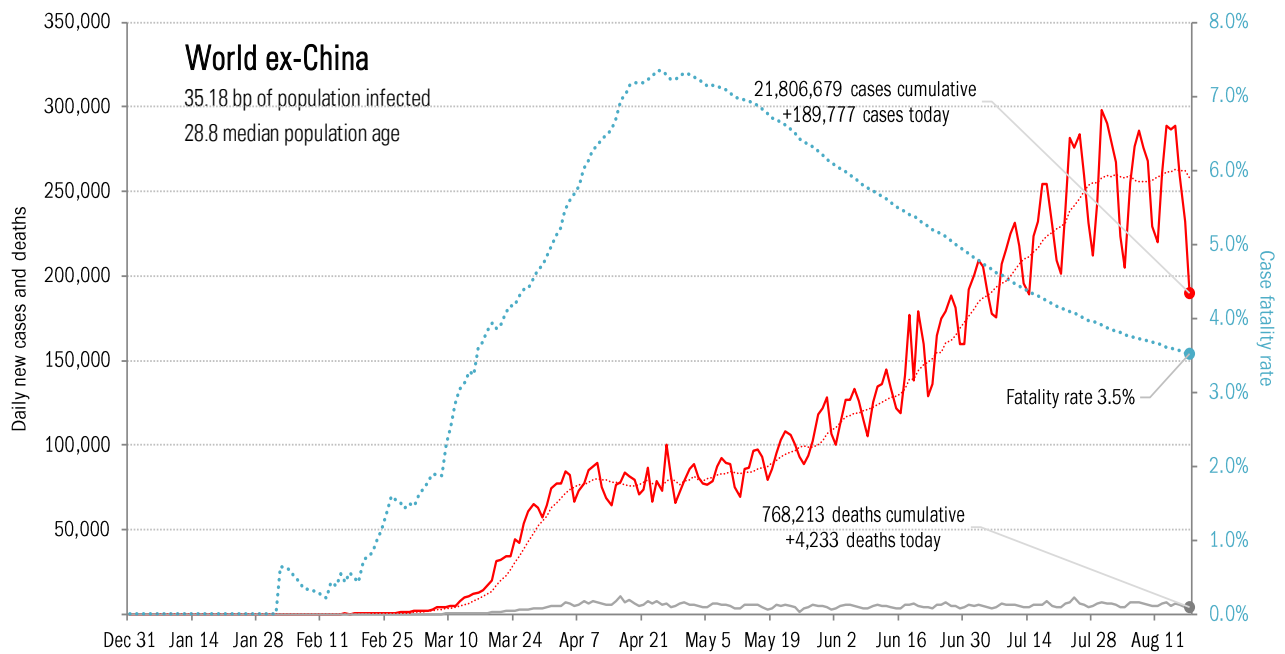
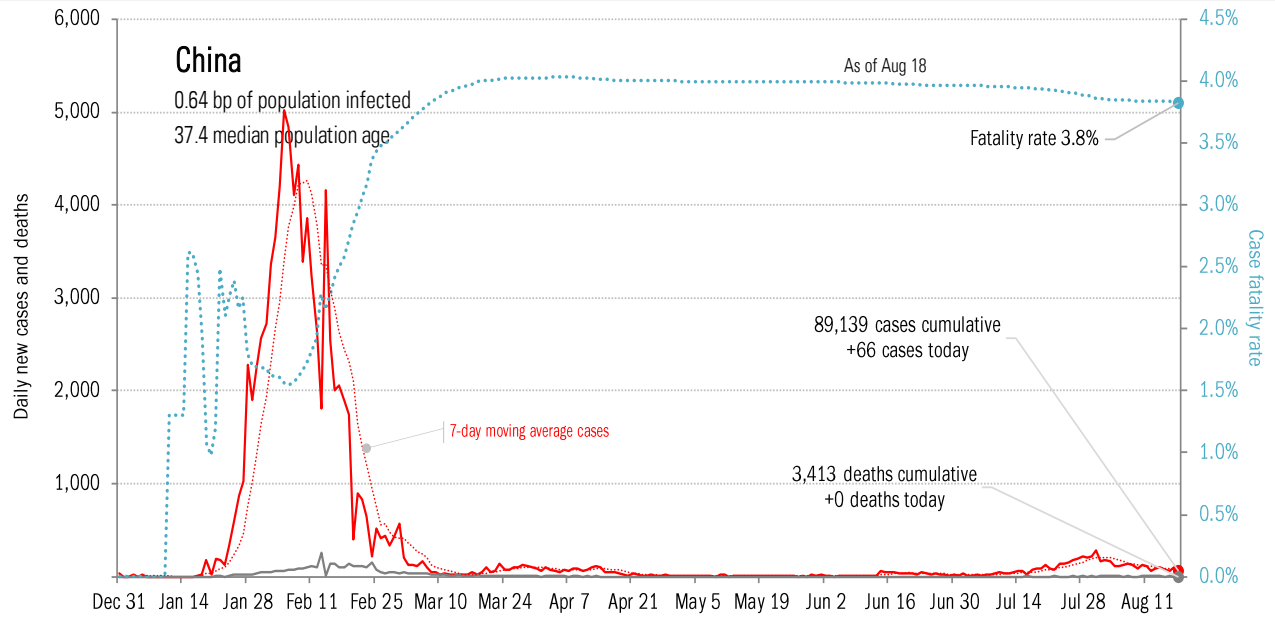
Source: [ECDC](#), TrendMacro calculations

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



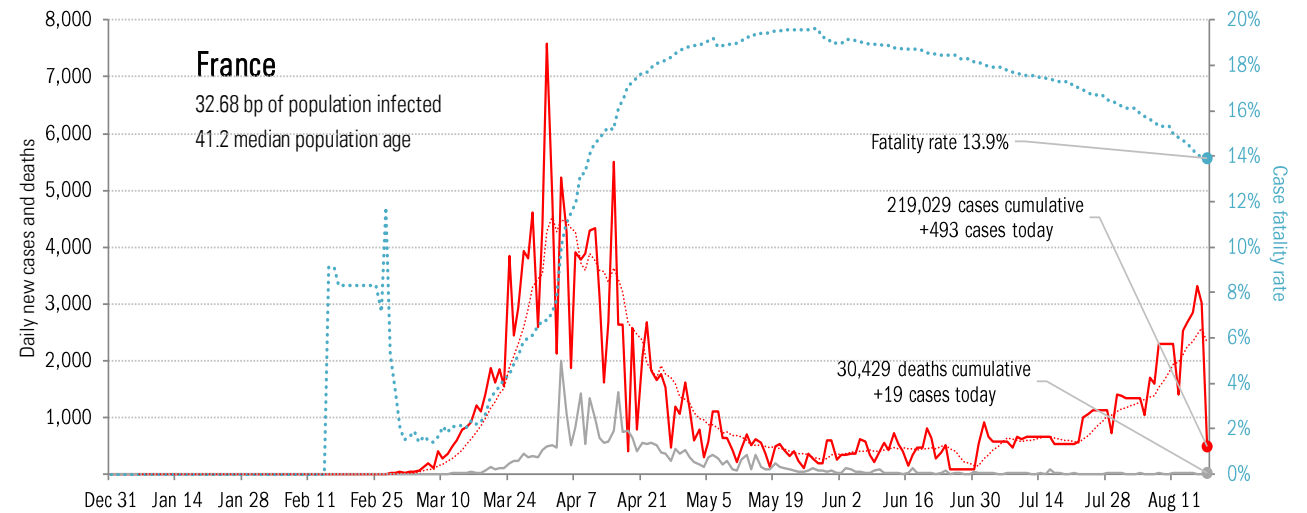
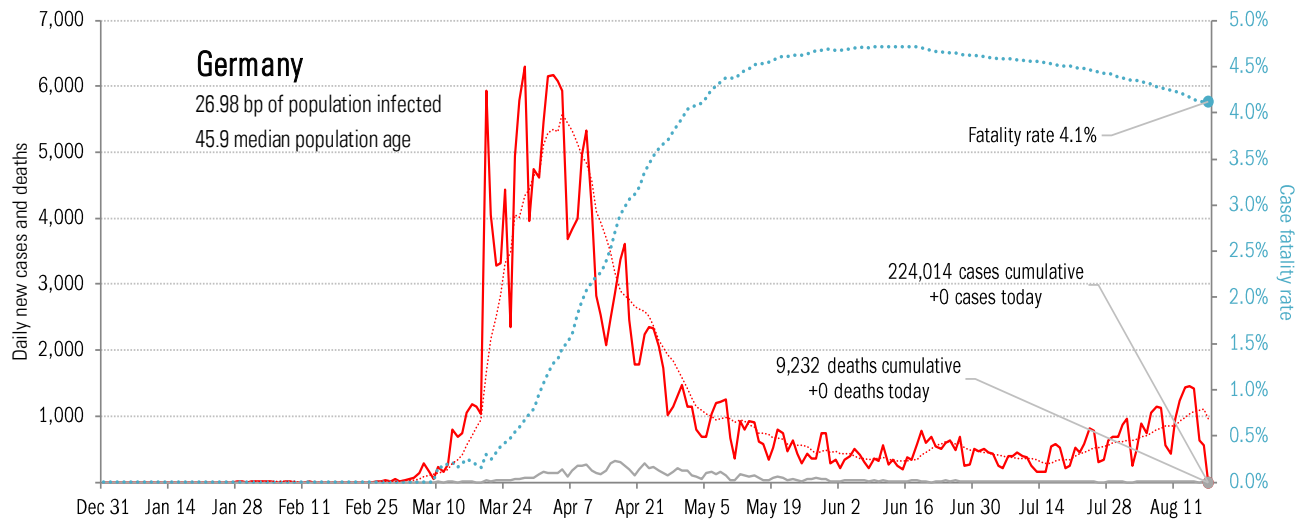
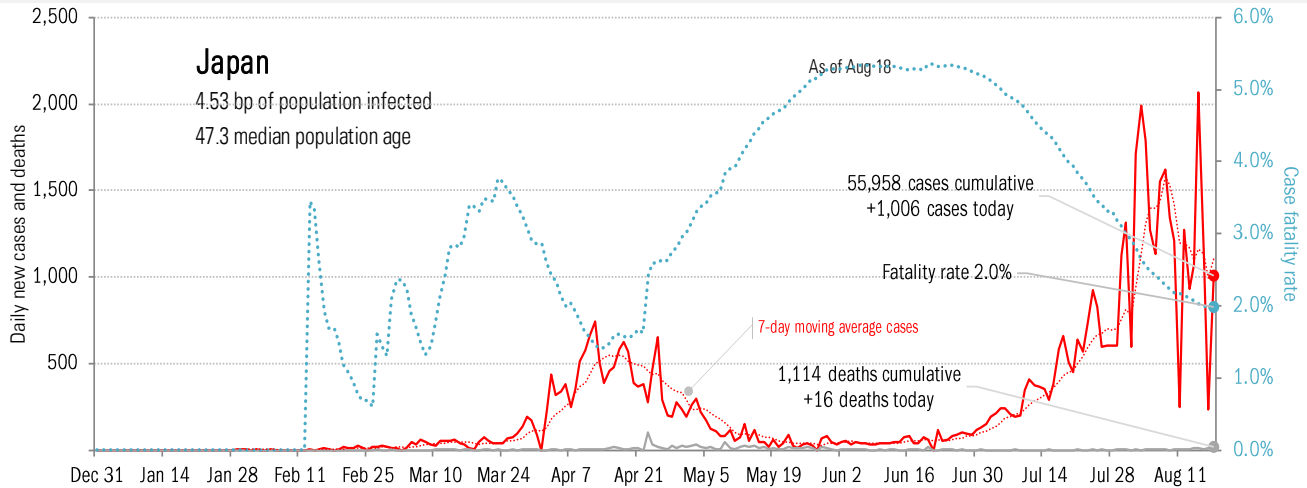
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



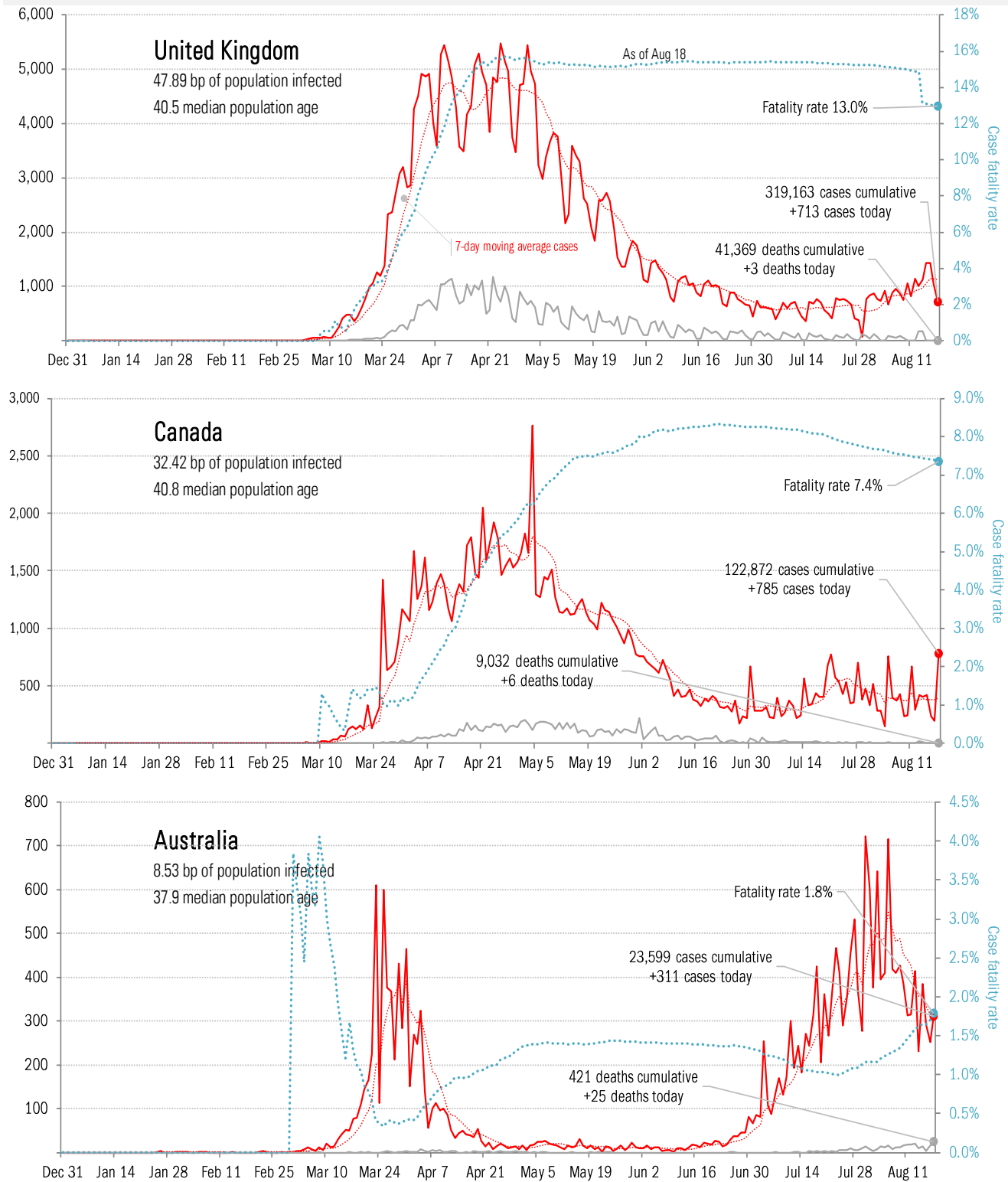
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



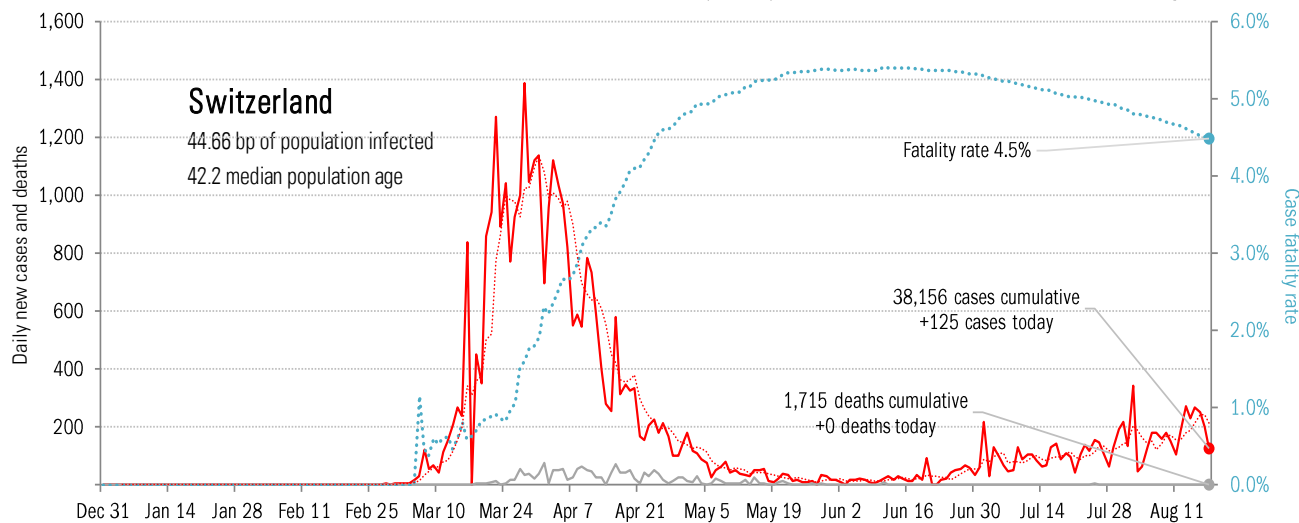
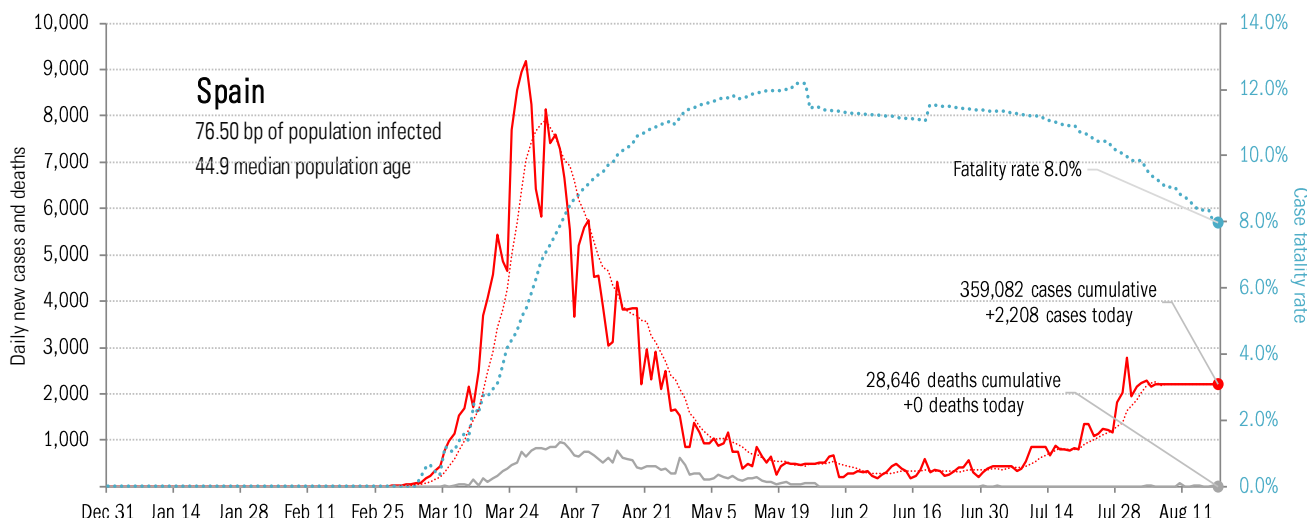
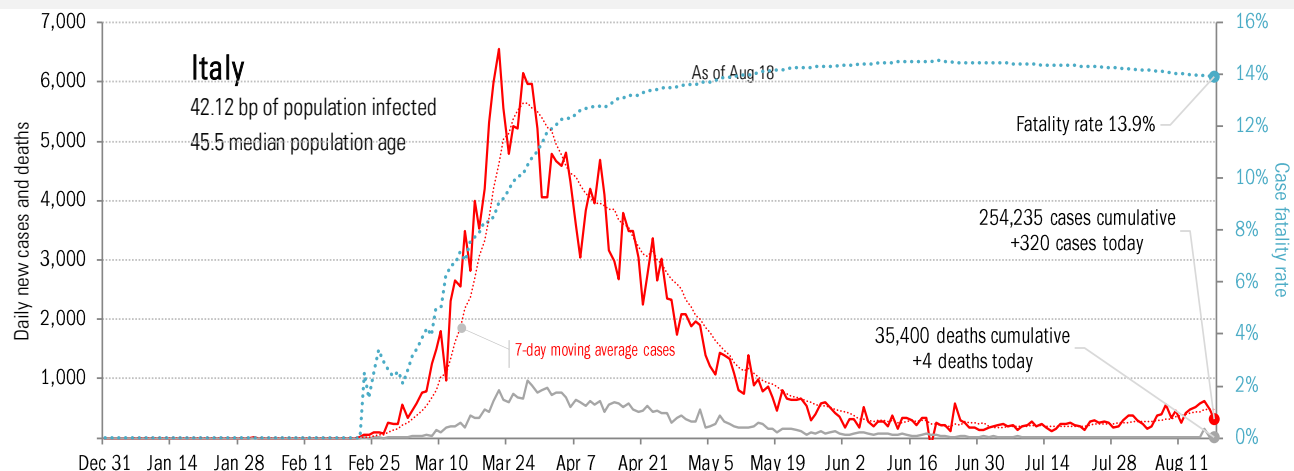
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



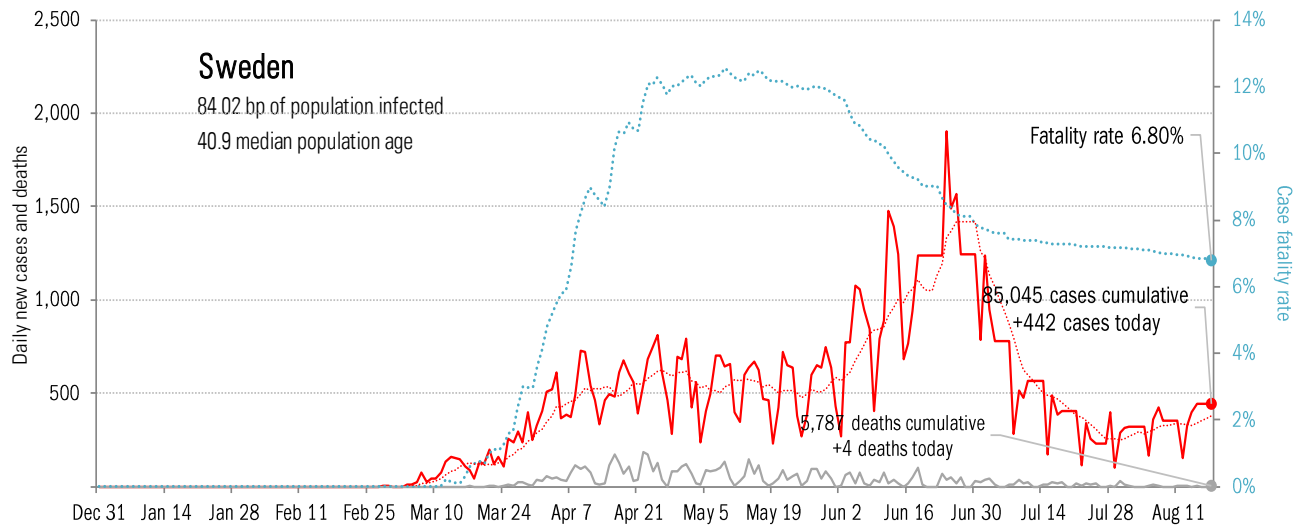
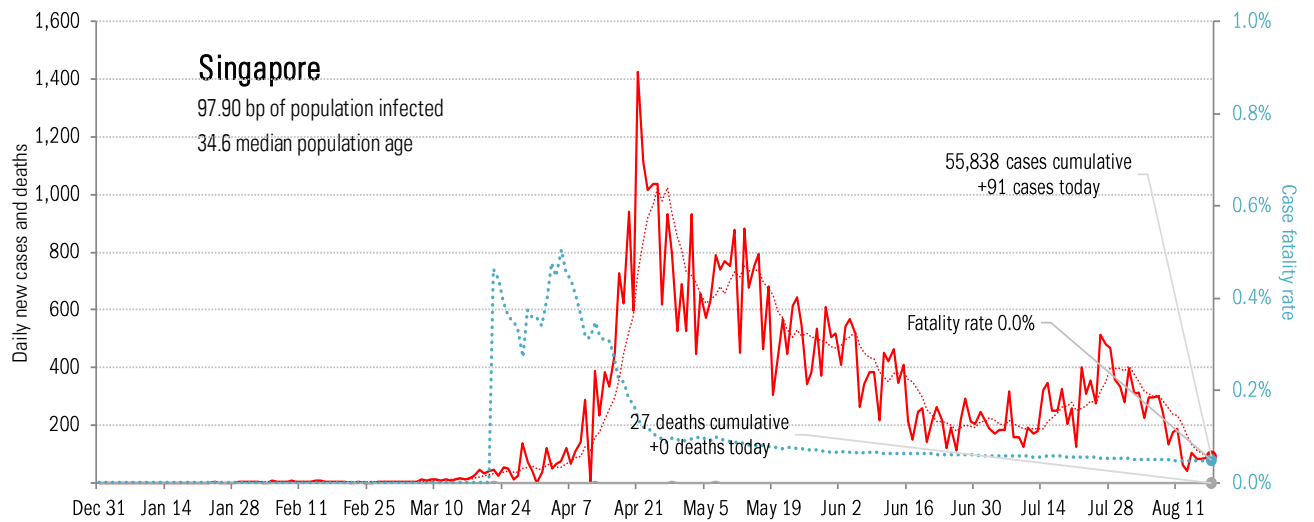
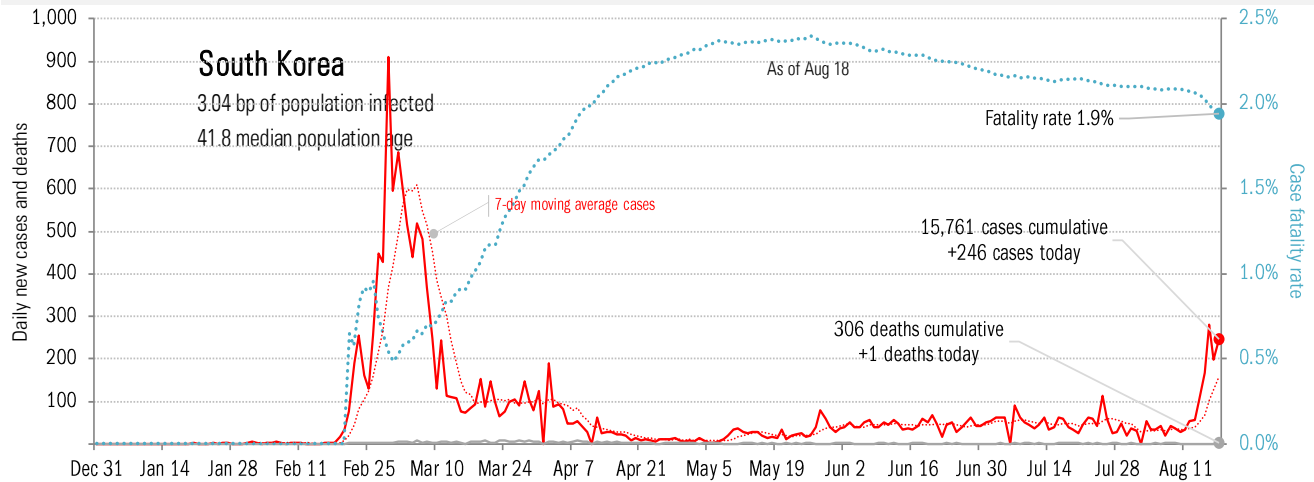
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



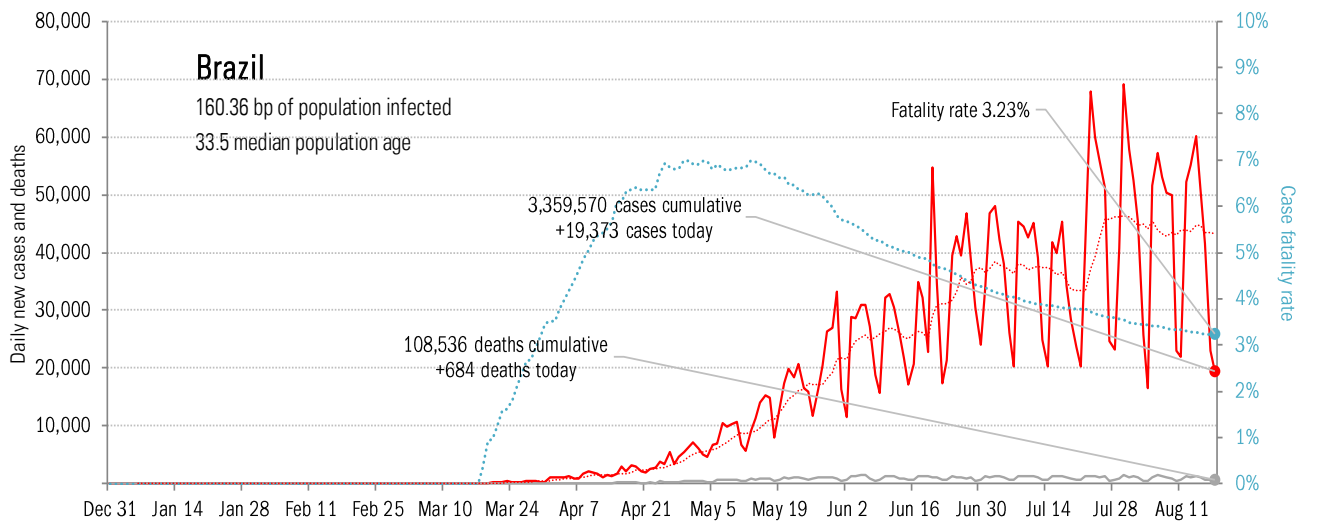
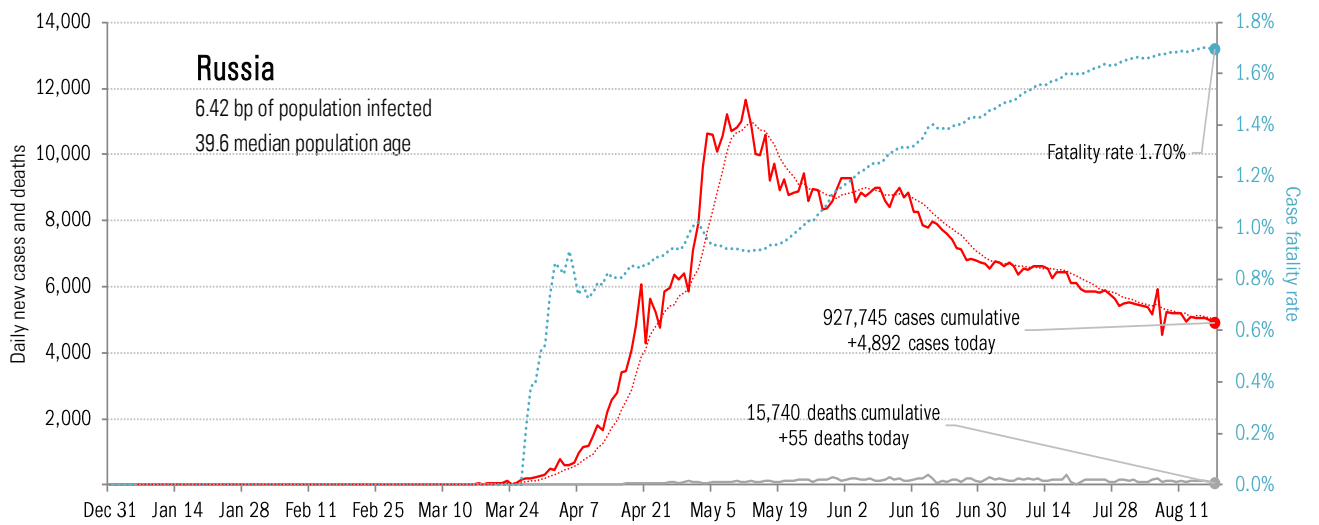
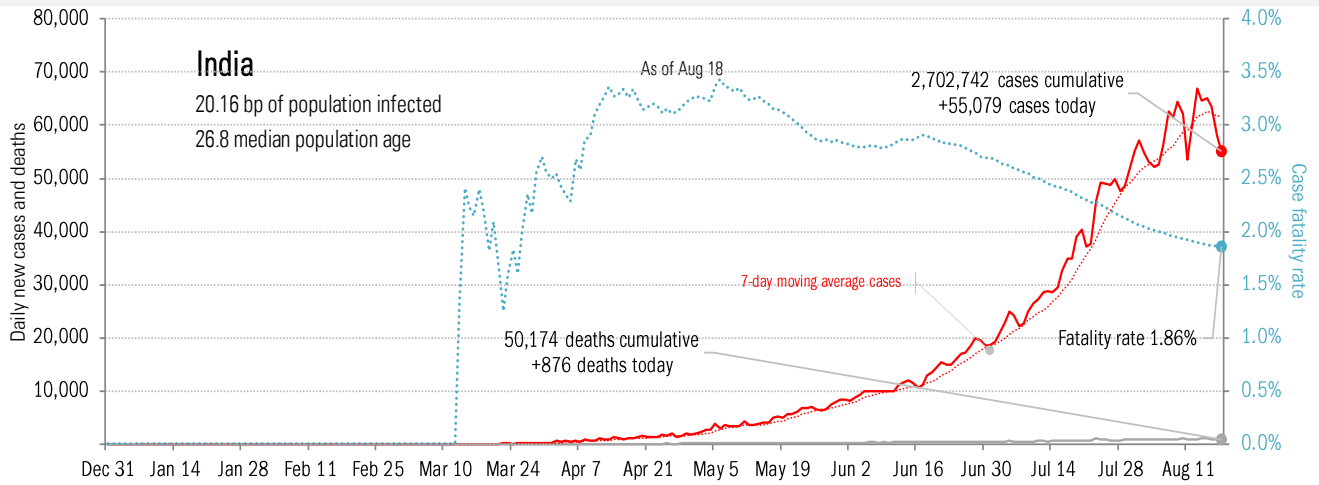
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



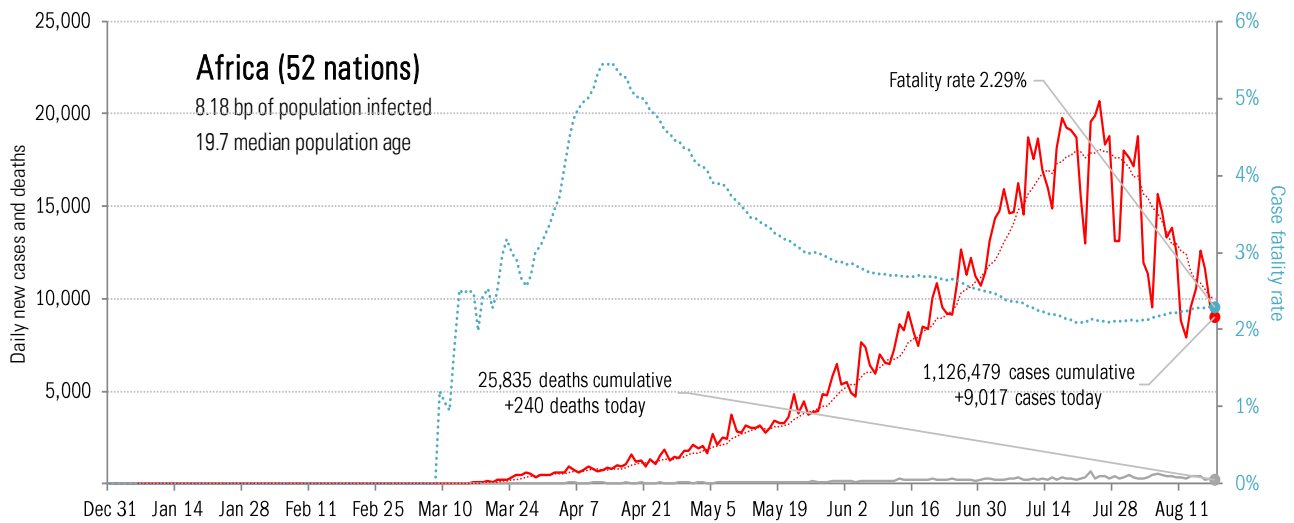
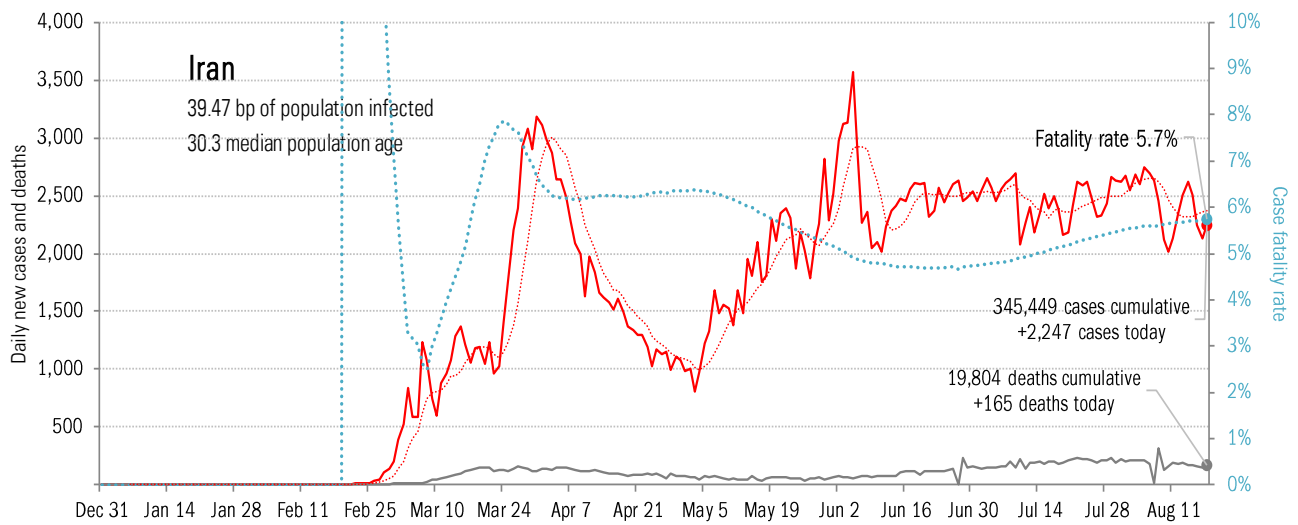
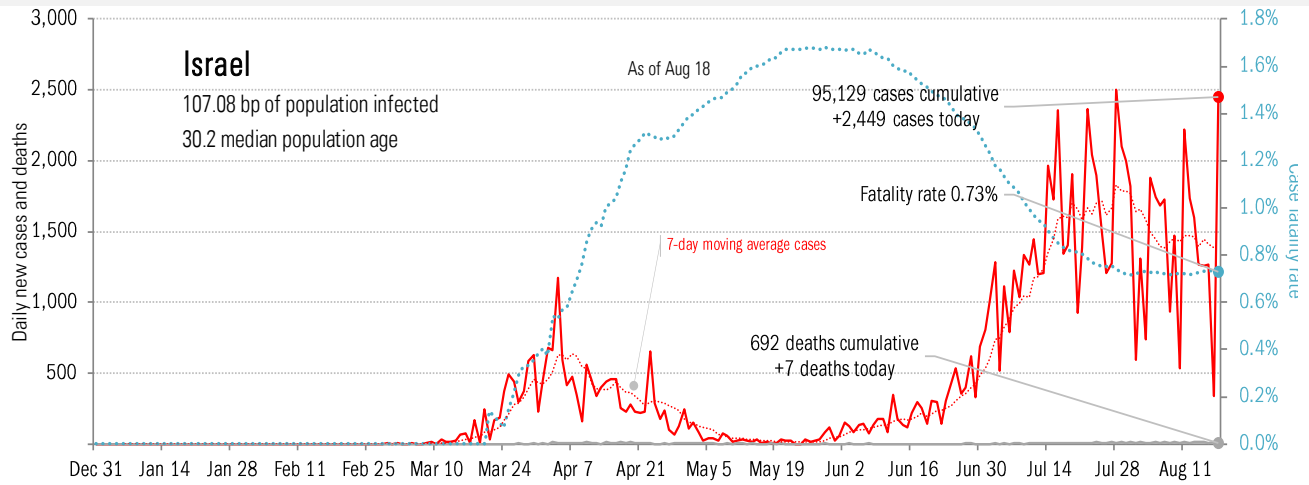
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations