

Data Insights: Covid-2019 Monitor

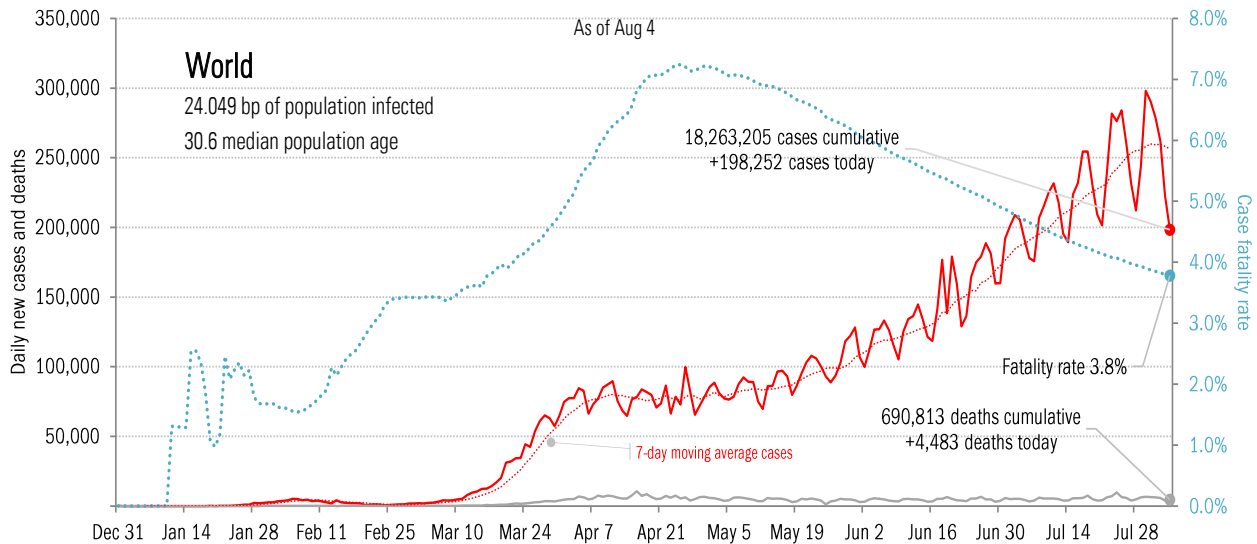
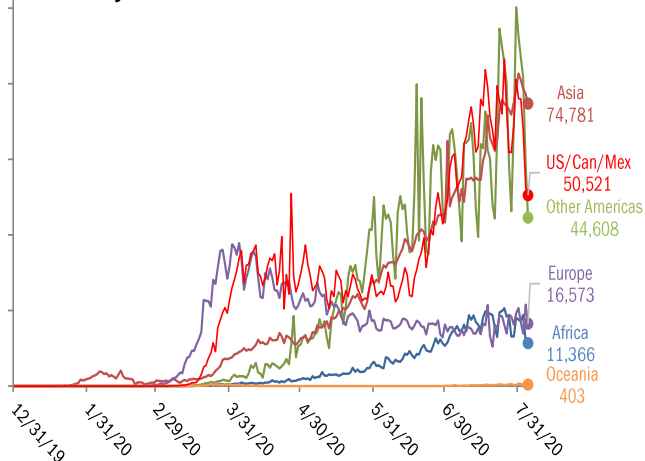
Tuesday, August 4, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
India	+52,050	India	+803
US	+45,607	Brazil	+561
Brazil	+16,641	US	+543
Colombia	+10,199	Colombia	+367
Russia	+5,394	Mexico	+266
South_Africa	+5,377	Kazakhstan	+265
Argentina	+5,376	Iran	+215
Mexico	+4,767	Peru	+197
Peru	+4,250	South_Africa	+173
France	+3,376	Chile	+99
+153,037		+3,489	
World	+198,252	World	+4,483
Top ten	77%	Top ten	78%

New confirmed cases by continent



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

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

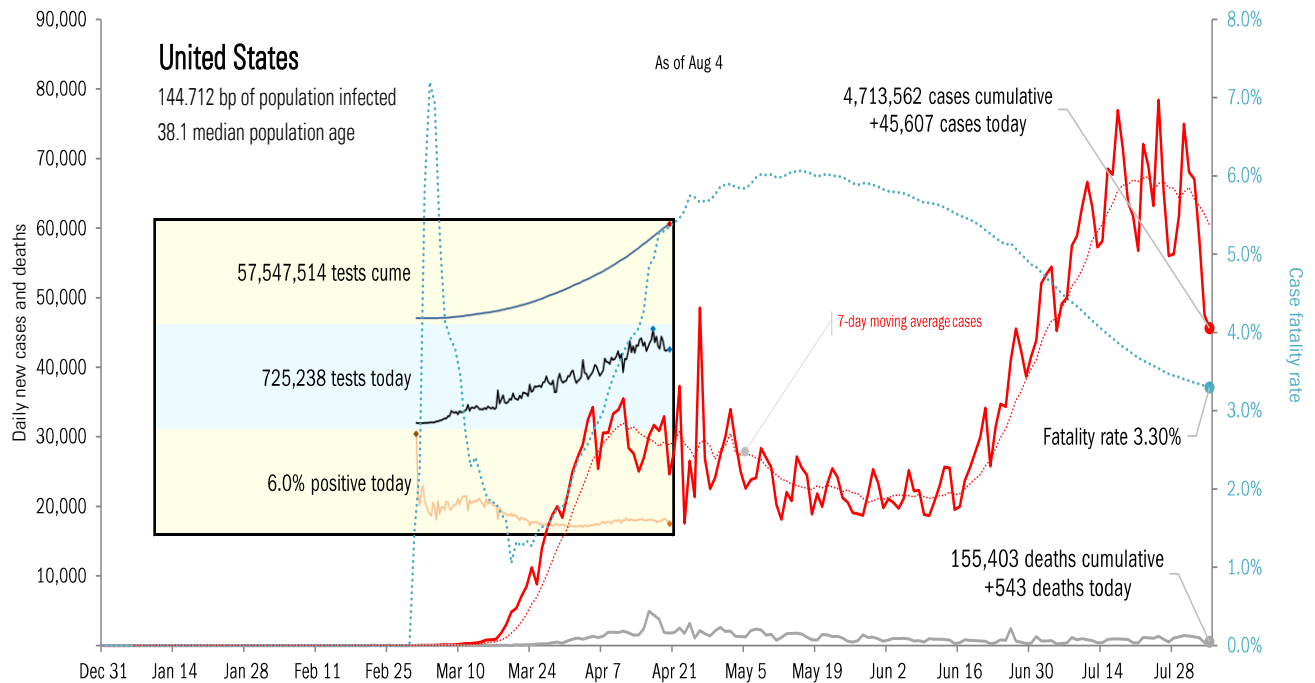
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
CA	+5,739	TX	+179	AL	+344	CA	514,901	NY	25,172	NY	89,995
TX	+5,303	FL	+73	FL	+220	FL	491,884	NJ	15,846	FL	27,744
FL	+4,752	CA	+32	VA	+180	TX	442,014	CA	9,388	NJ	21,565
GA	+2,258	TN	+19	IN	+156	NY	416,843	MA	8,648	GA	19,124
AR	+1,424	AR	+17	CH	+92	GA	195,435	IL	7,723	VA	13,460
VA	+1,324	LA	+17	MD	+86	IL	184,522	FL	7,279	MD	12,832
NC	+1,313	SC	+16	AR	+72	NJ	182,614	PA	7,209	MA	11,942
IL	+1,298	NV	+15	MS	+66	AZ	179,497	TX	7,016	AZ	11,400
AL	+1,217	AZ	+14	GA	+60	NC	126,532	MI	6,463	CH	10,992
SC	+1,163	NC	+13	MN	+57	LA	120,846	CT	4,437	AL	10,865
+25,791		+395		+1,333		2,855,088		99,181		229,919	
All states	+43,335	All states	+519	All states	+1,724	All states	4,694,126	All states	147,653	All states	312,947
Top ten	60%	Top ten	76%	Top ten	77%	Top ten	61%	Top ten	67%	Top ten	73%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CA	-3,293	CA	-100	WA	-50	TX	+14,818
LA	-2,368	LA	-41	MA	-22	NC	+12,791
FL	-2,352	WA	-24	WI	-21	MS	+7,320
WA	-1,106	MA	-19	CO	-15	TN	+2,407
TX	-923	AL	-18	H	-10	AR	+1,206



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

Recommended reading

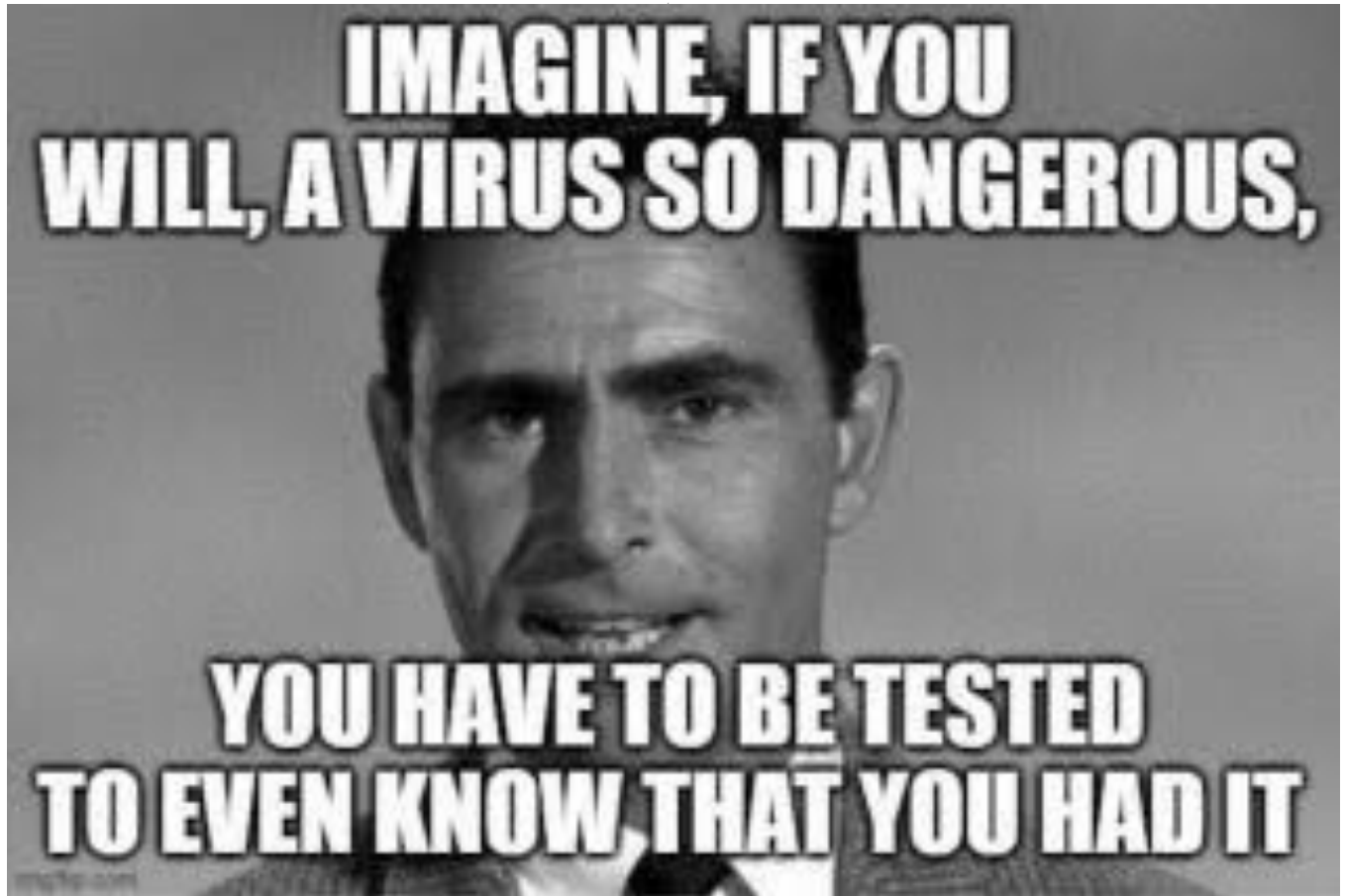
[CDC director acknowledges hospitals have a monetary incentive to overcount coronavirus deaths](#)

Andrew Mark Miller
Washington Examiner
August 1, 2020

[COVID Doc Says Hydroxychloroquine 'Highly Effective' and Fears Are Overblown - Now FDA Chief Admits It Might Help](#)

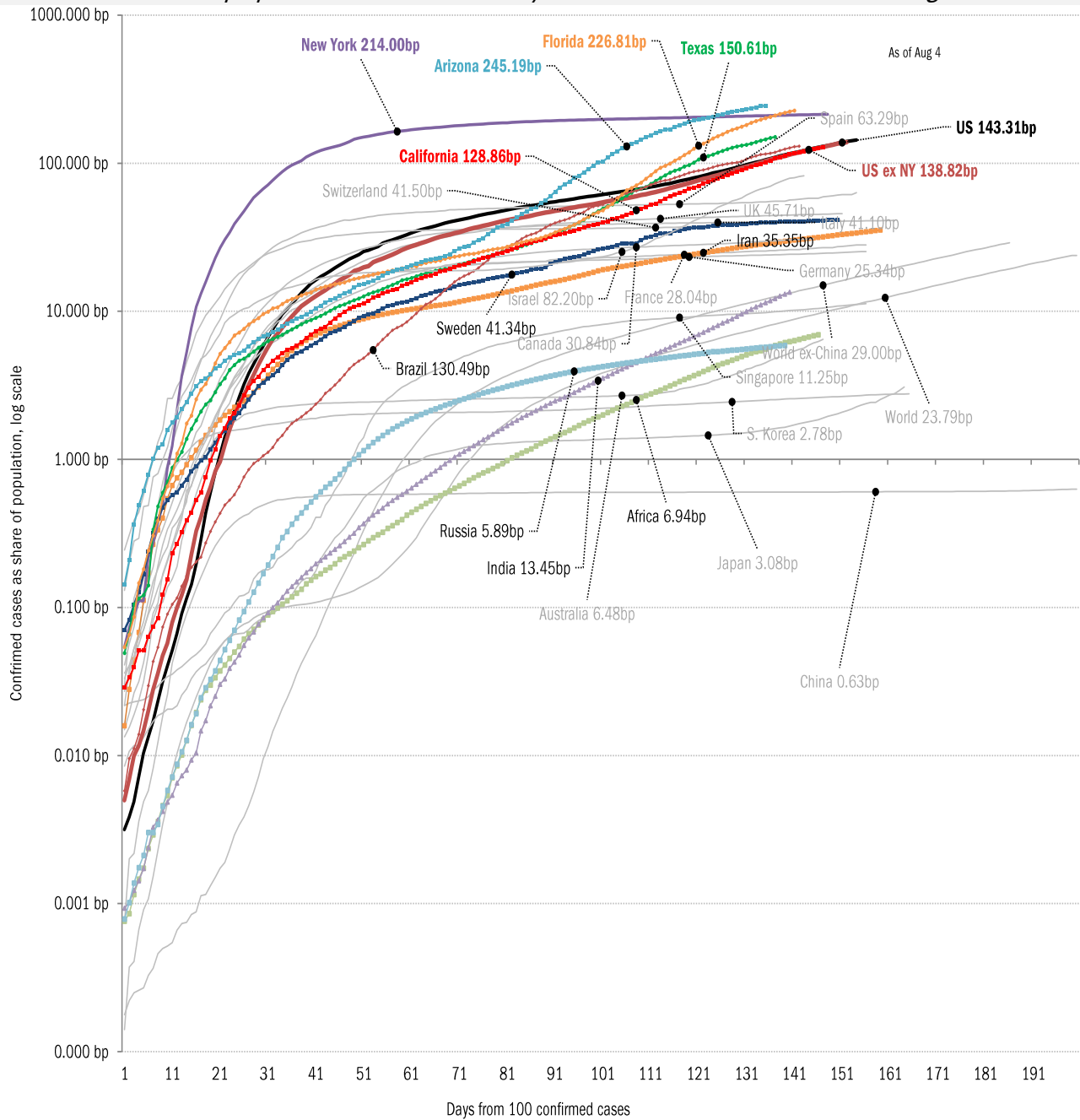
Lorie Johnson
CBN News
July 31, 2020

Meme of day



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

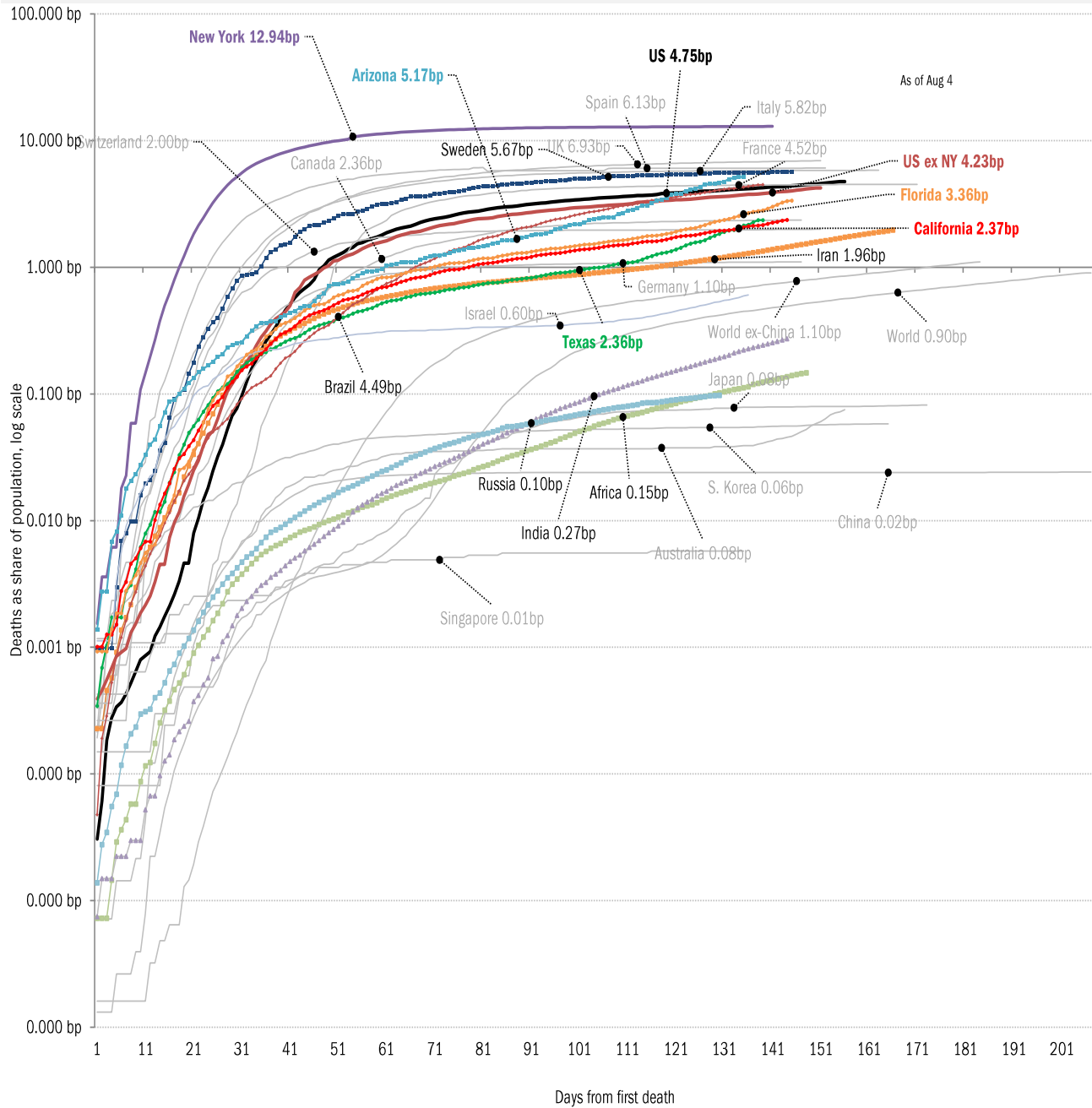
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

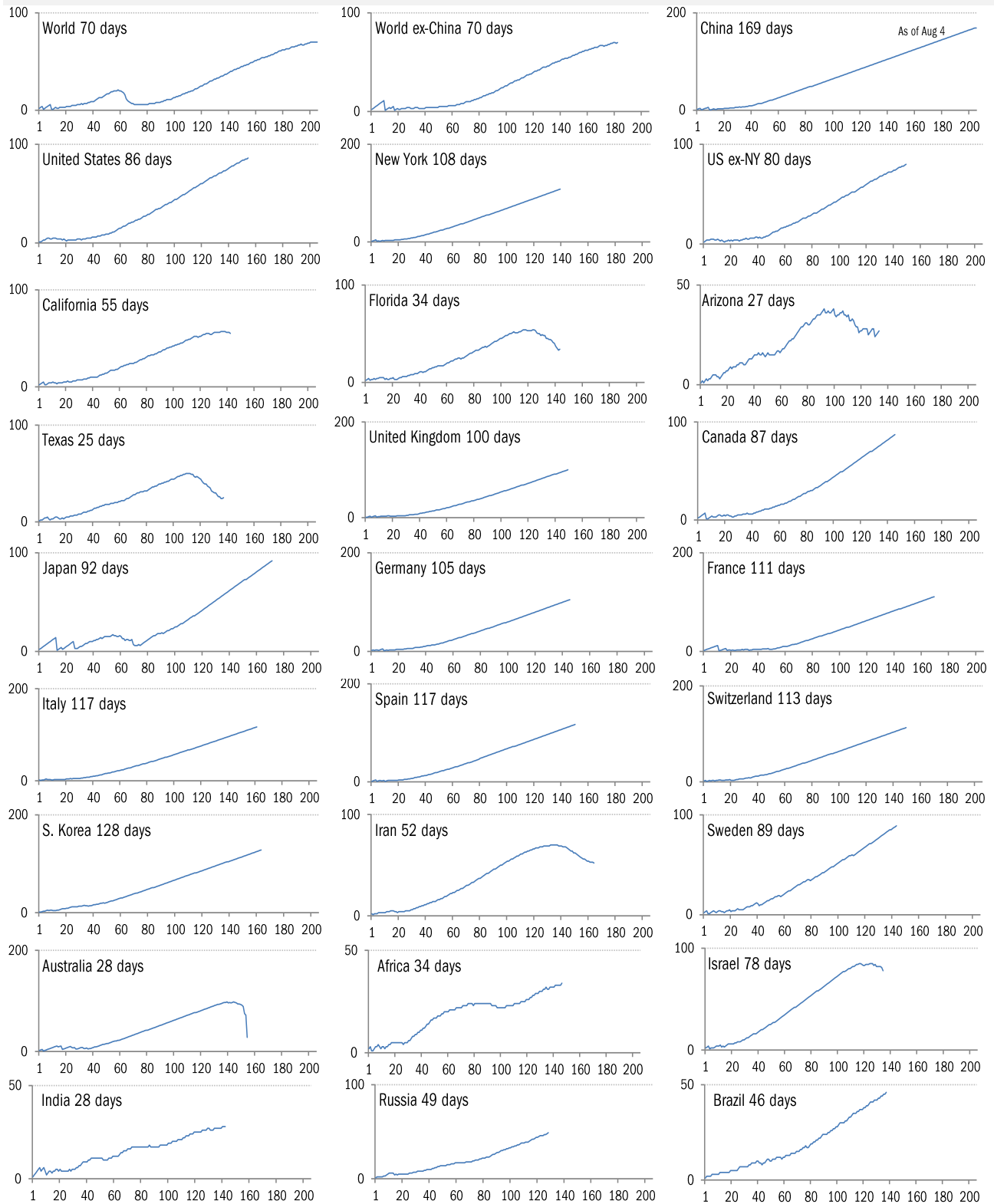
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

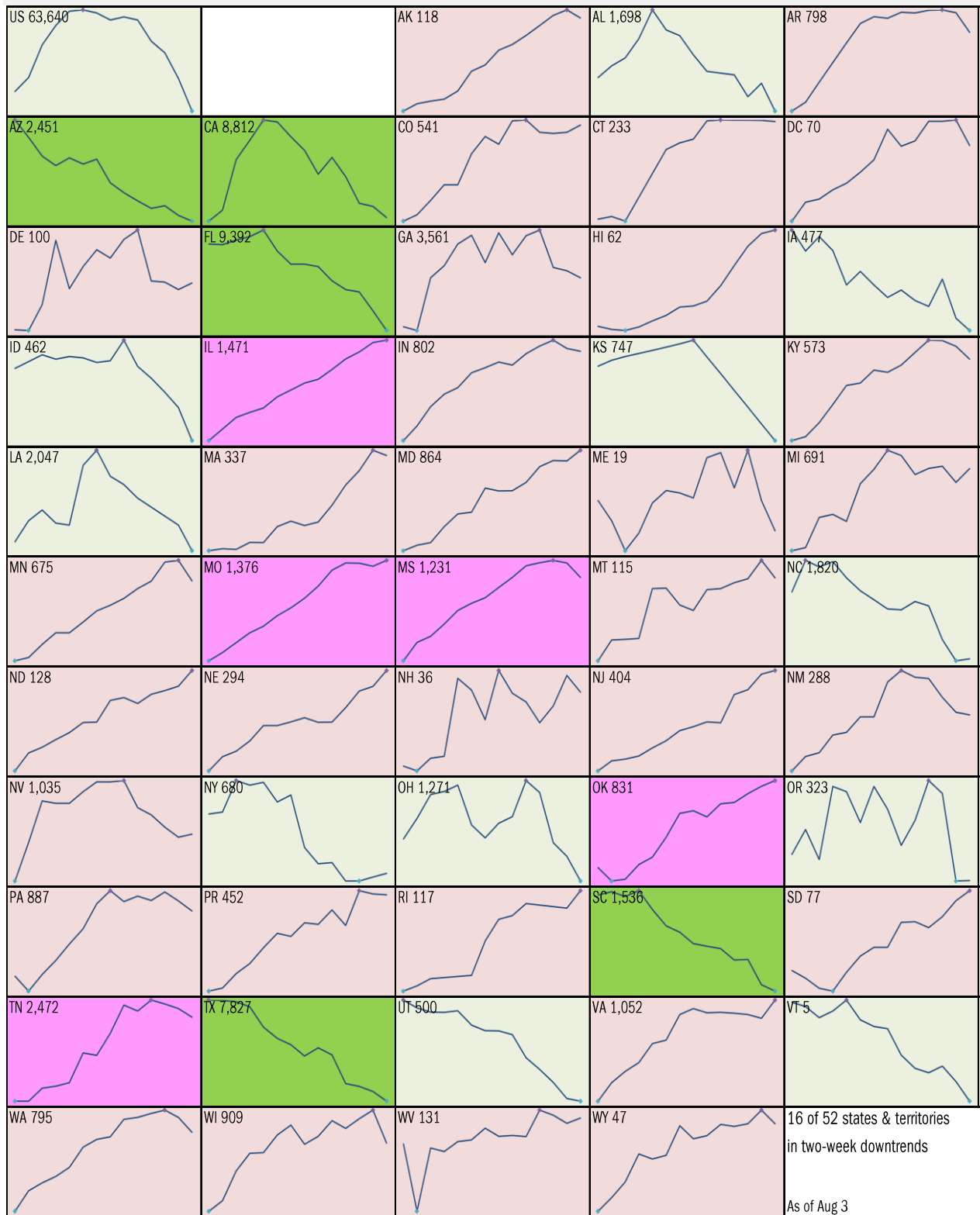
Our most reliable evidence of slowing exponential growth of Covid-2019

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

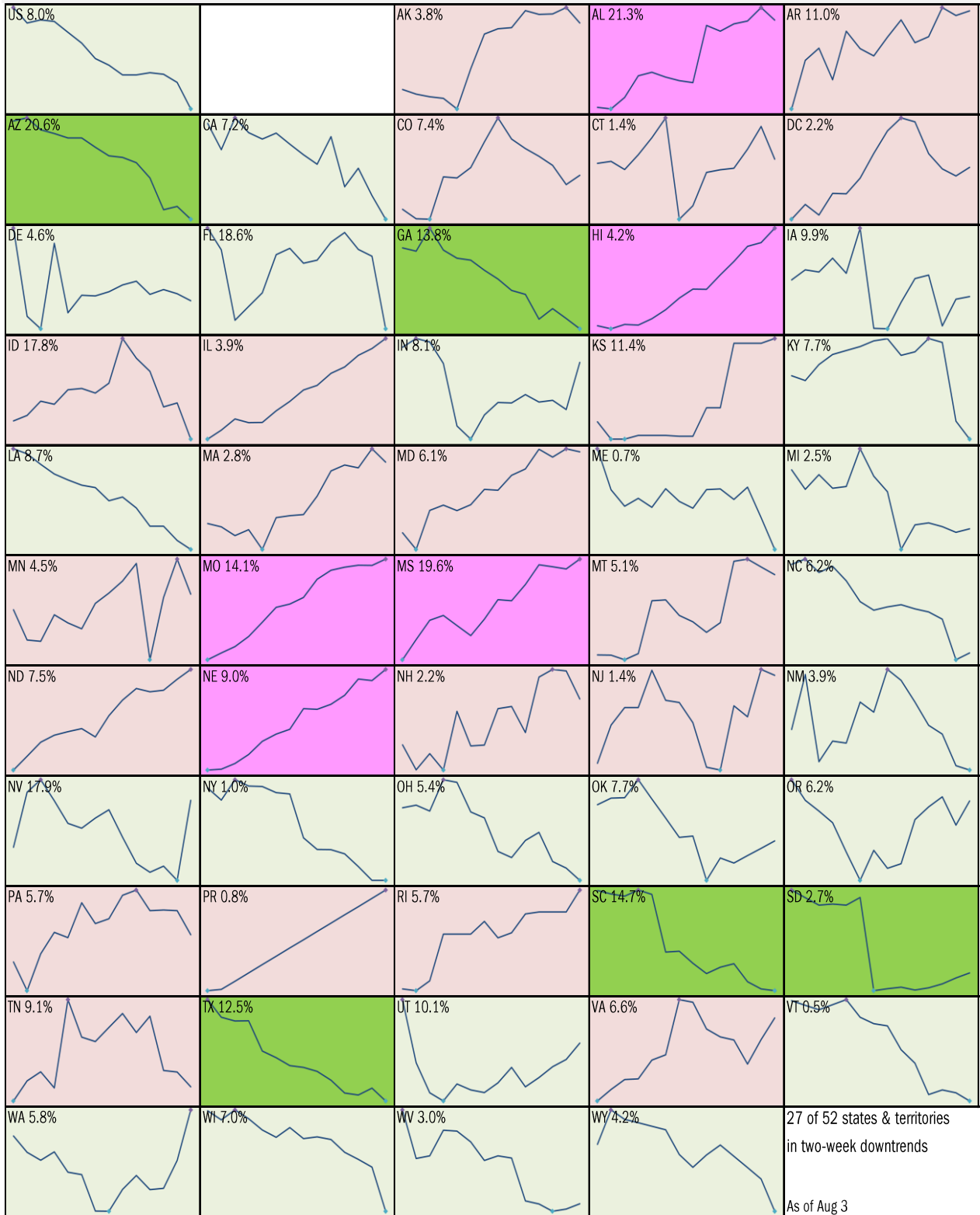


Source: [Covid Tracking Project](#), TrendMacro calculations

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



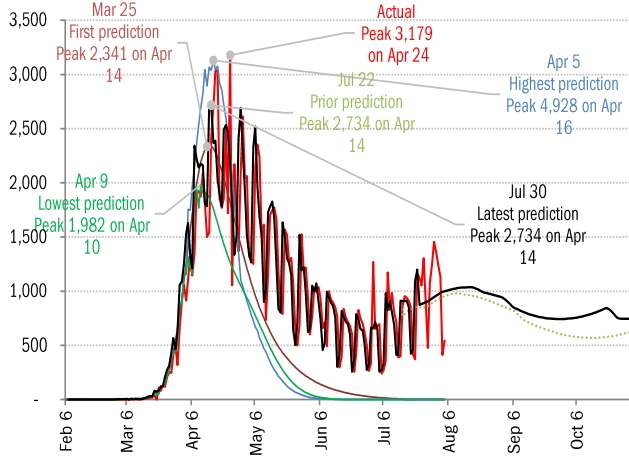
Source: [Covid Tracking Project](#), TrendMacro calculations

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

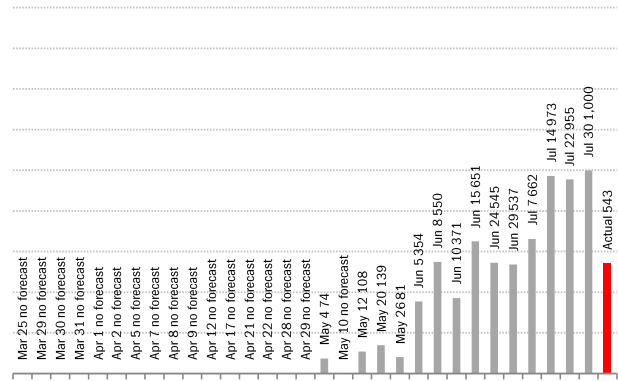
New daily fatalities

As of Aug 4

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

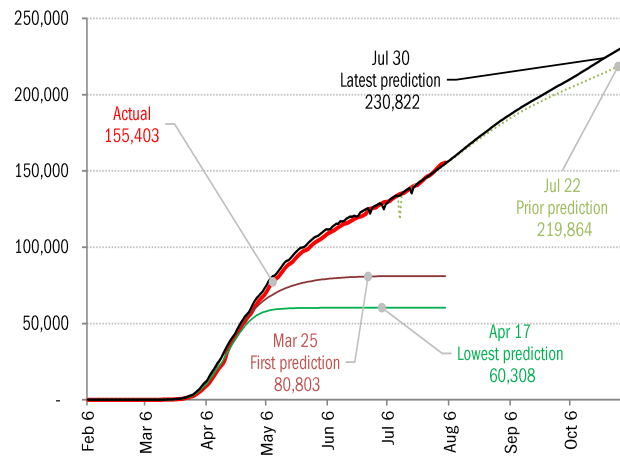


For this day, versus all model mean predictions

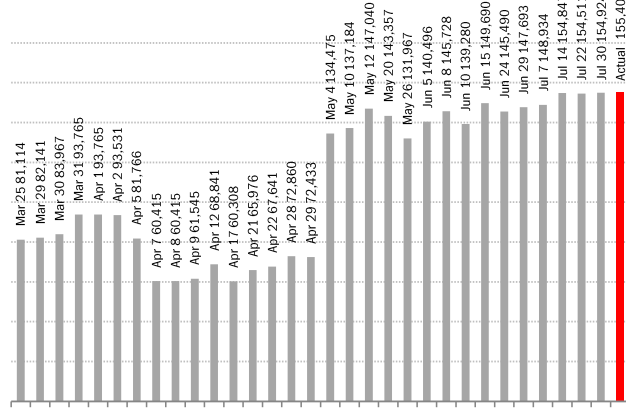


Cumulative fatalities

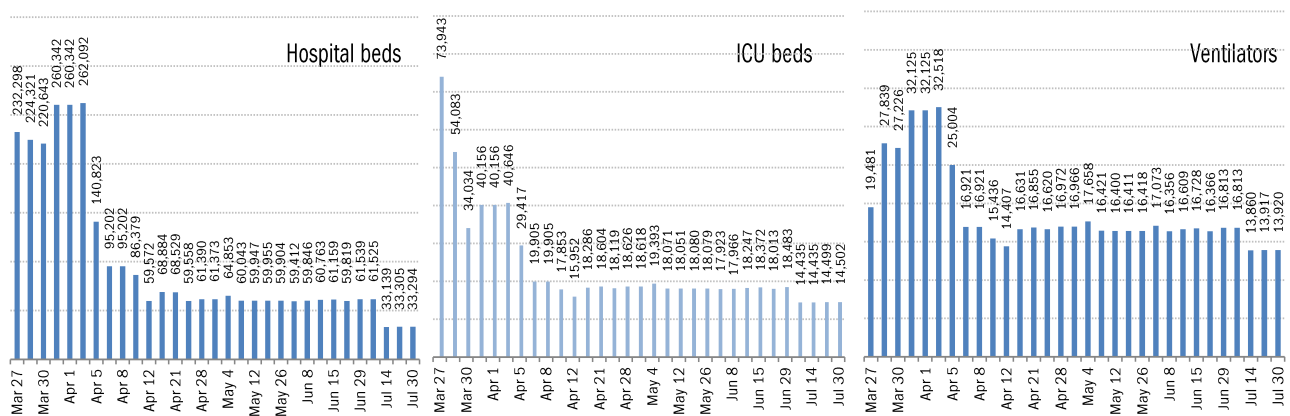
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

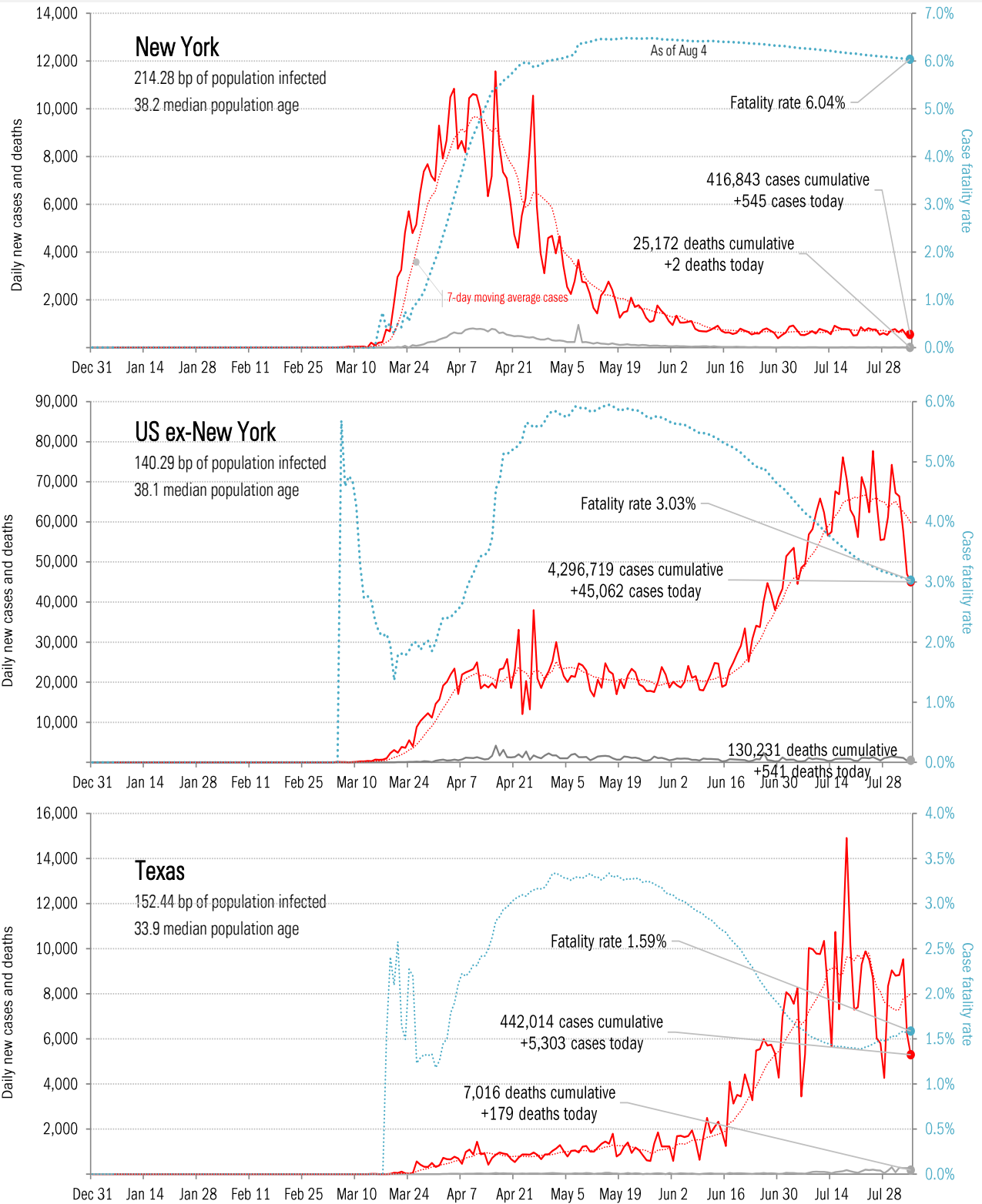


Healthcare system stress, peak estimated at each model revision



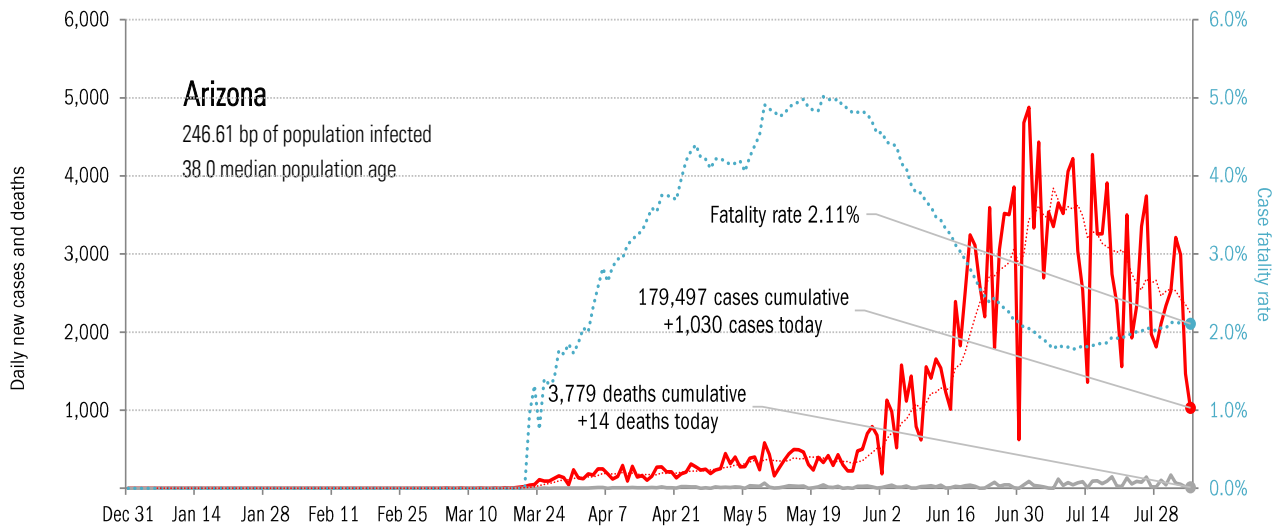
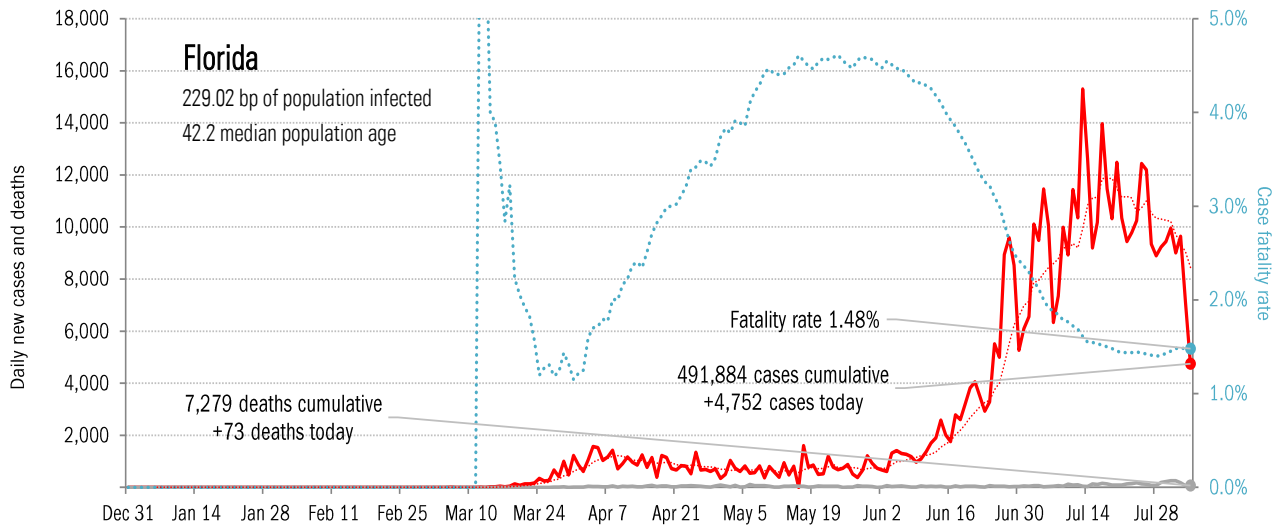
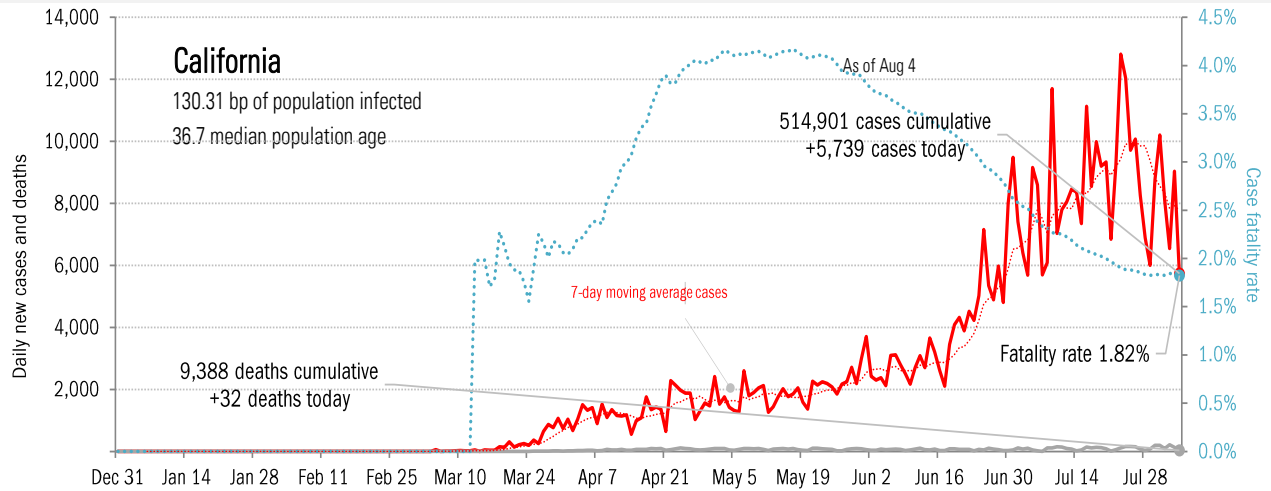
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



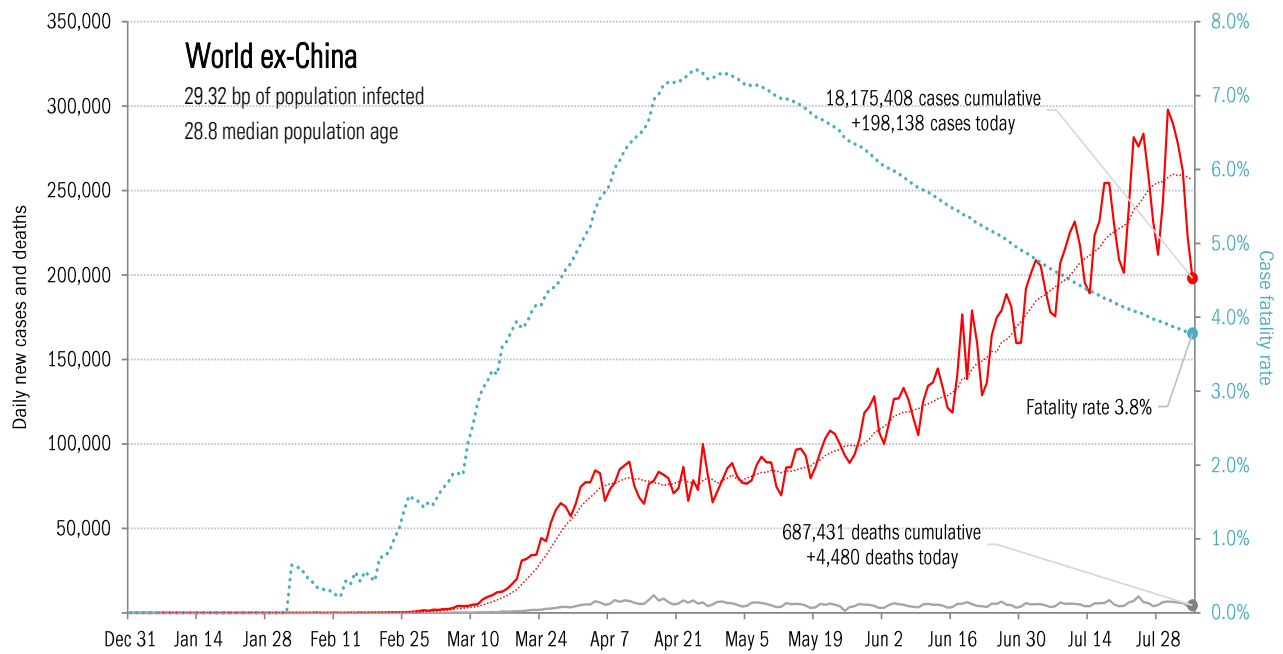
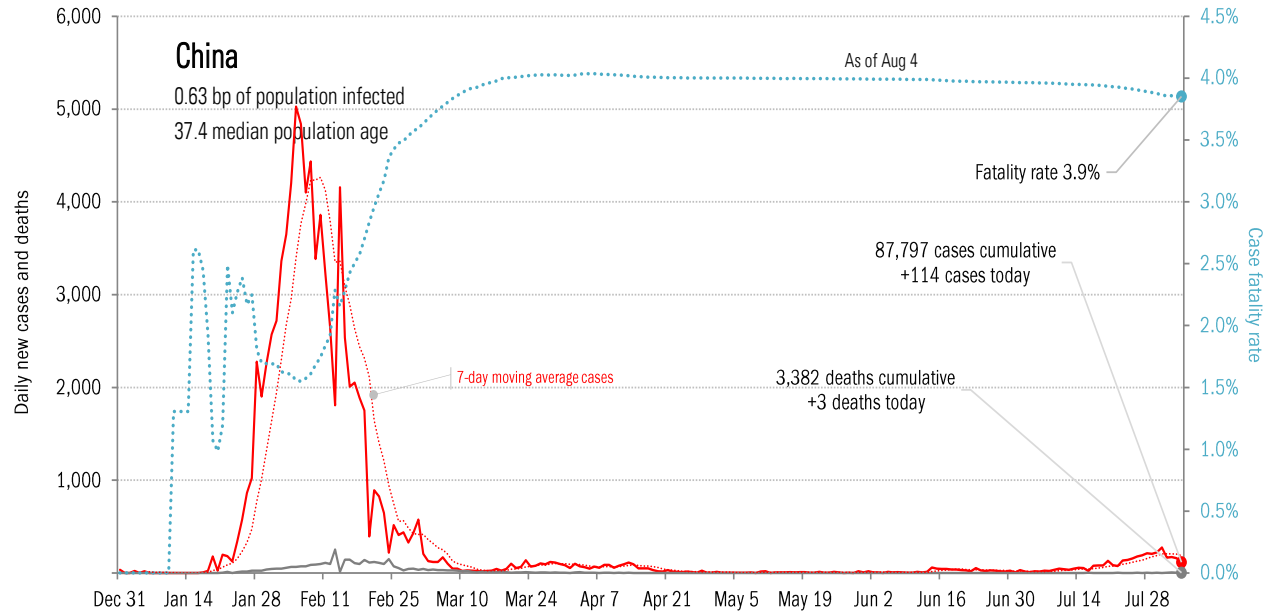
Source: [ECDC](#), TrendMacro calculations

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



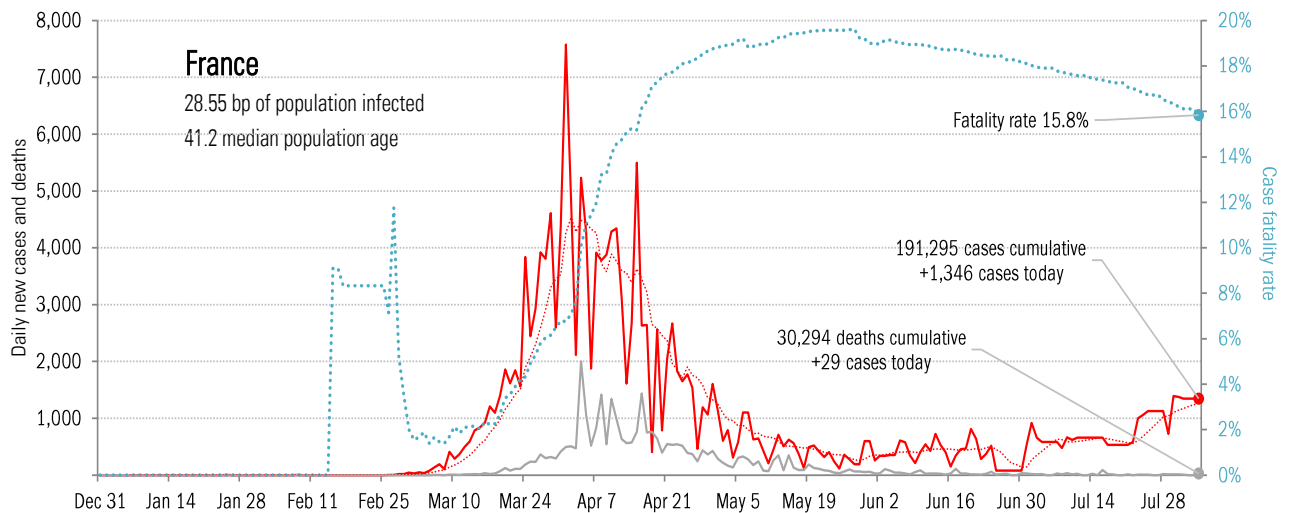
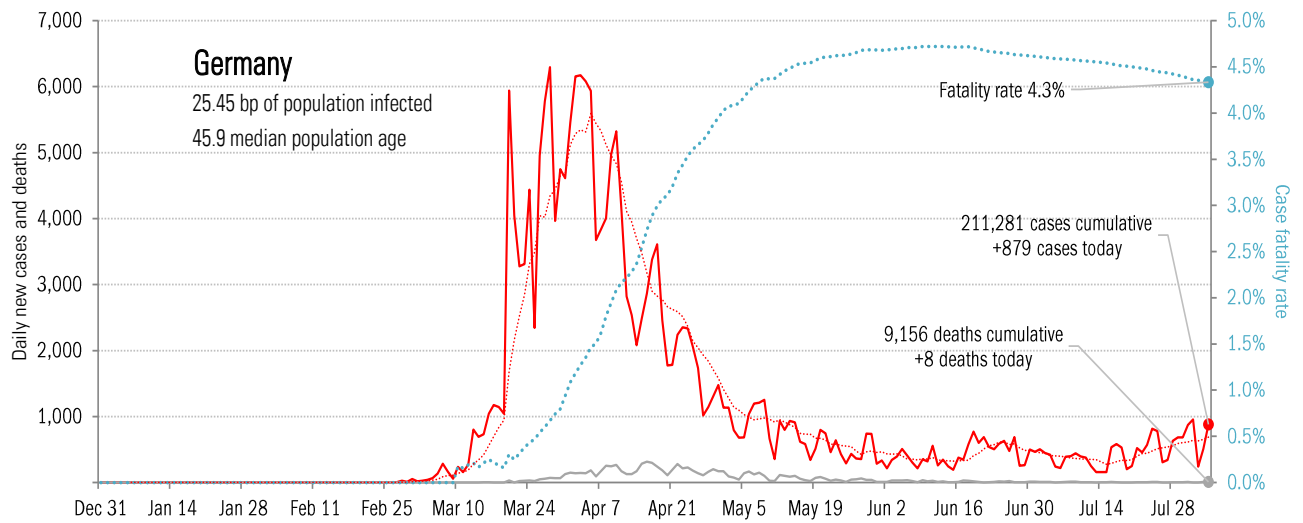
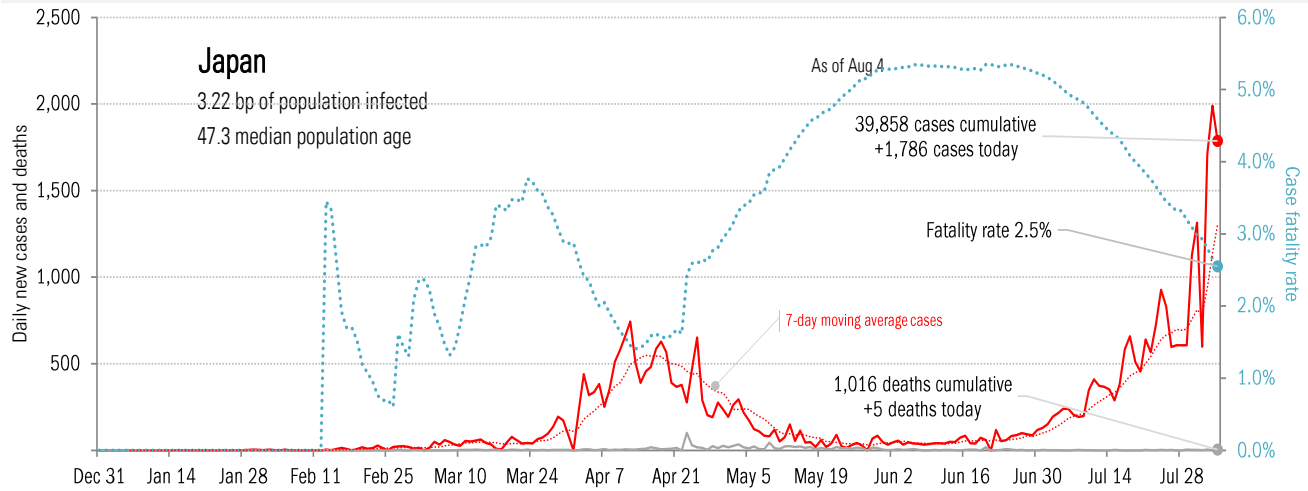
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



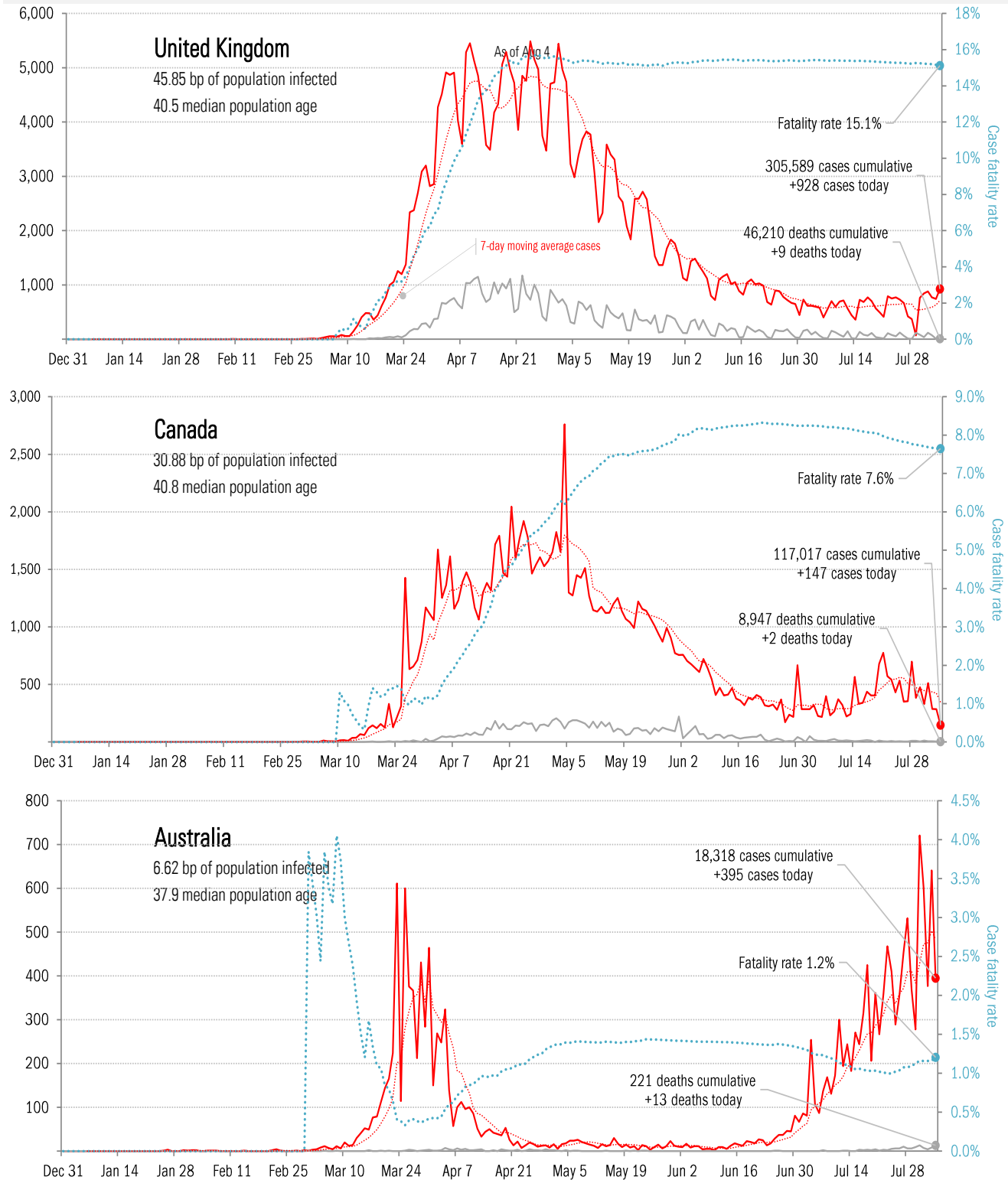
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



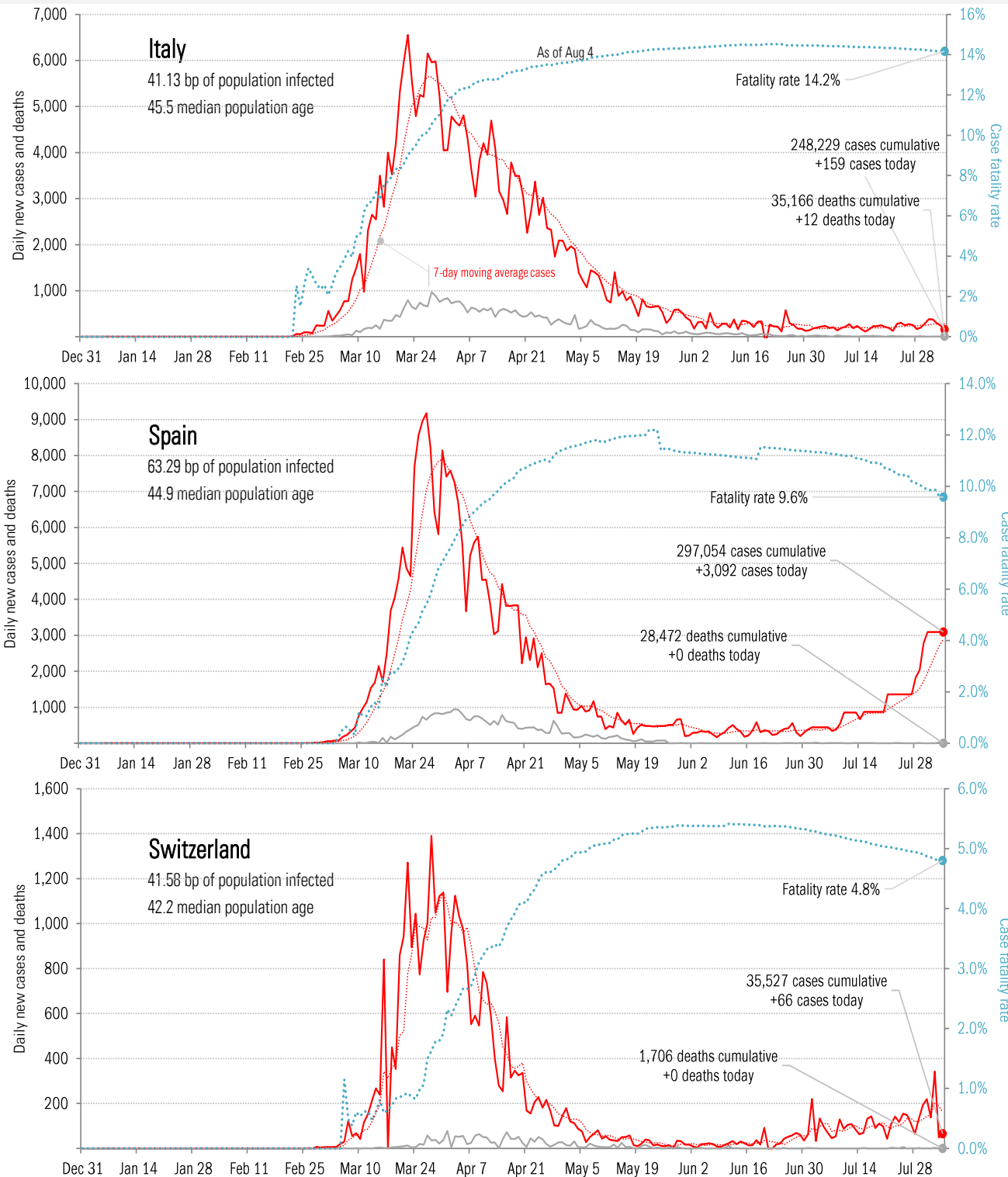
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



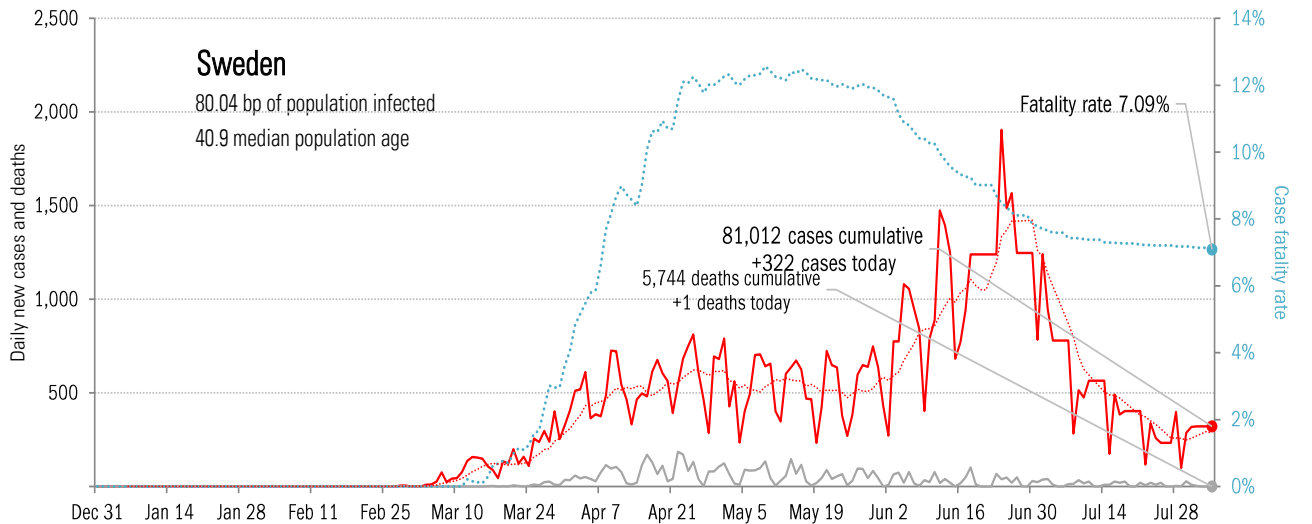
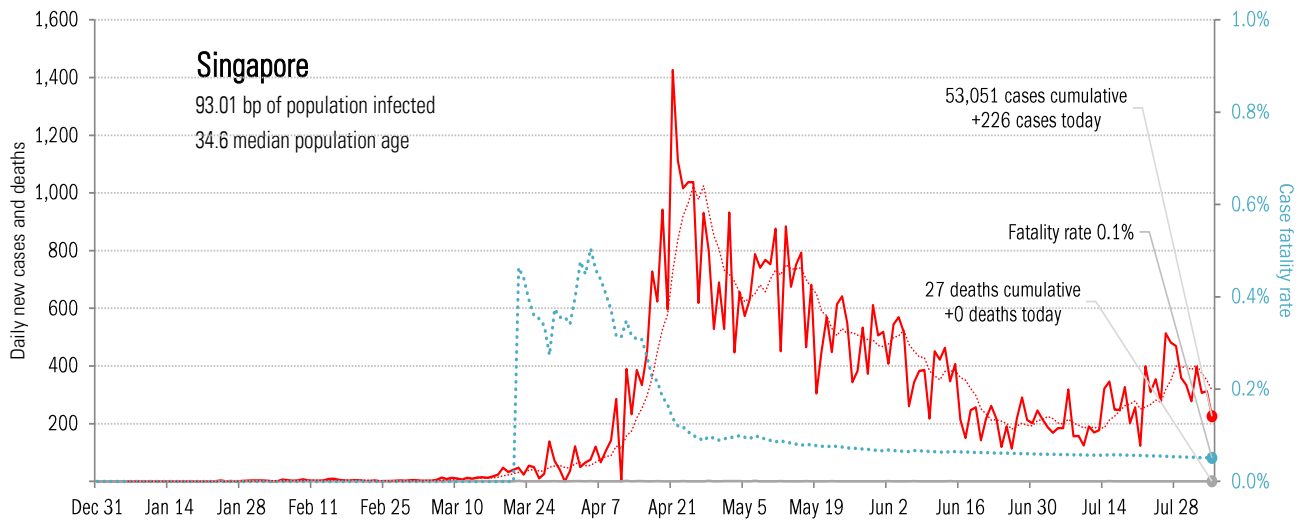
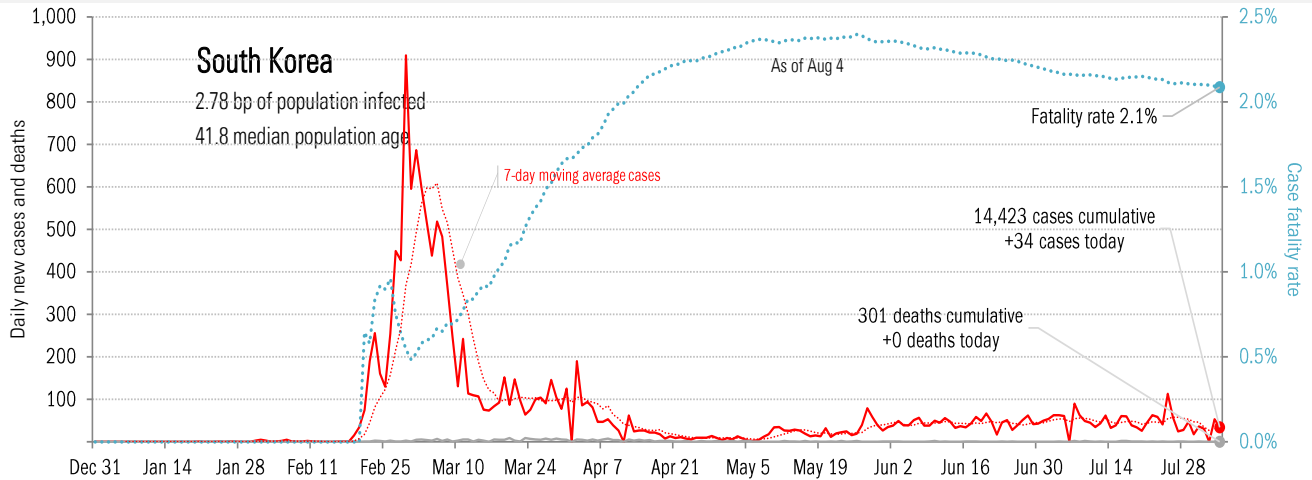
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



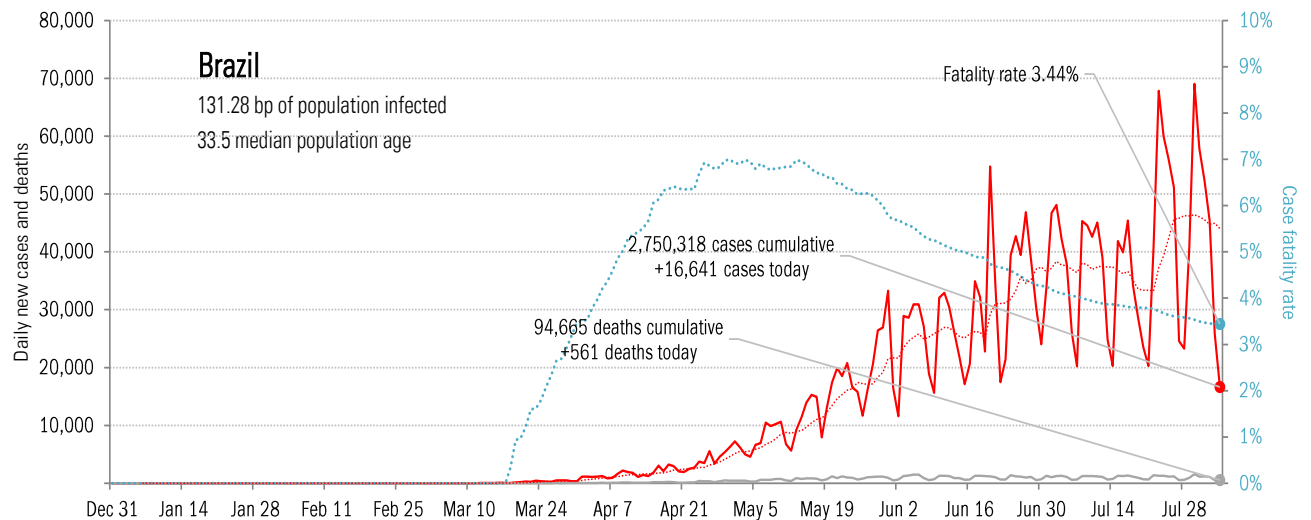
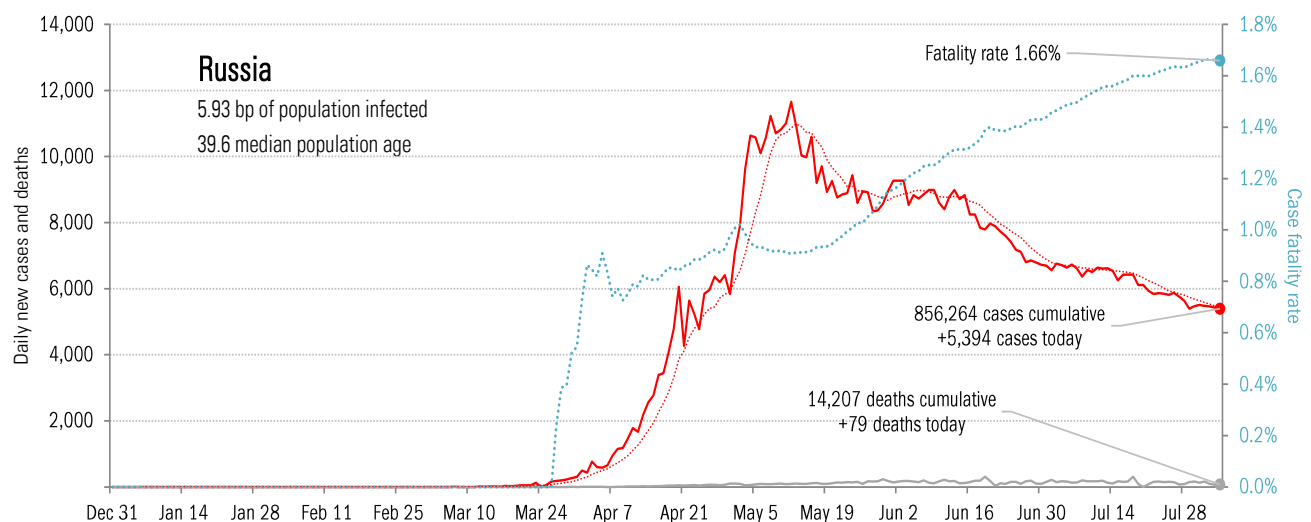
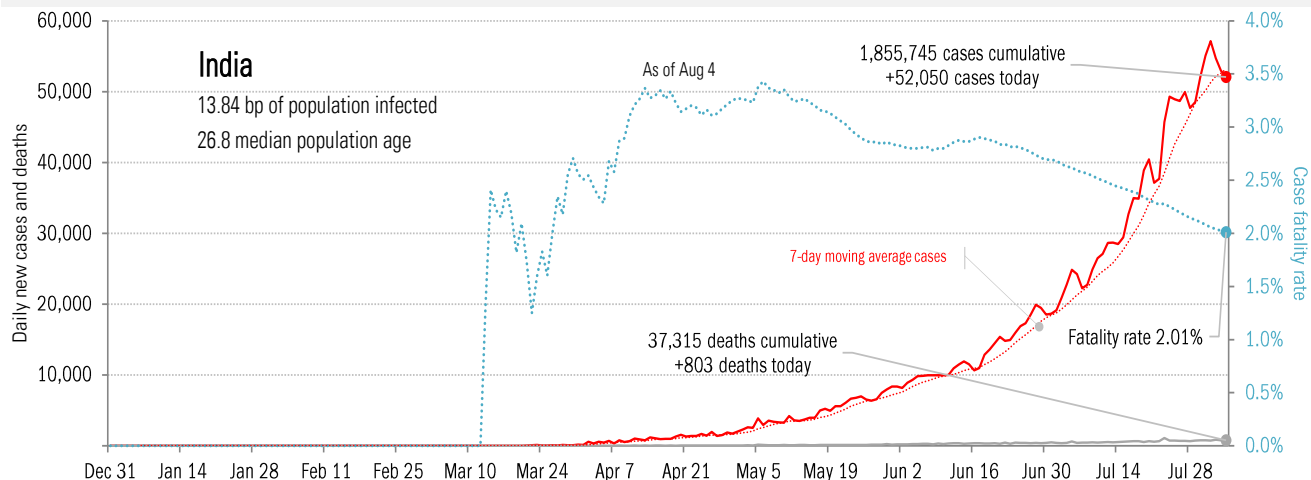
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



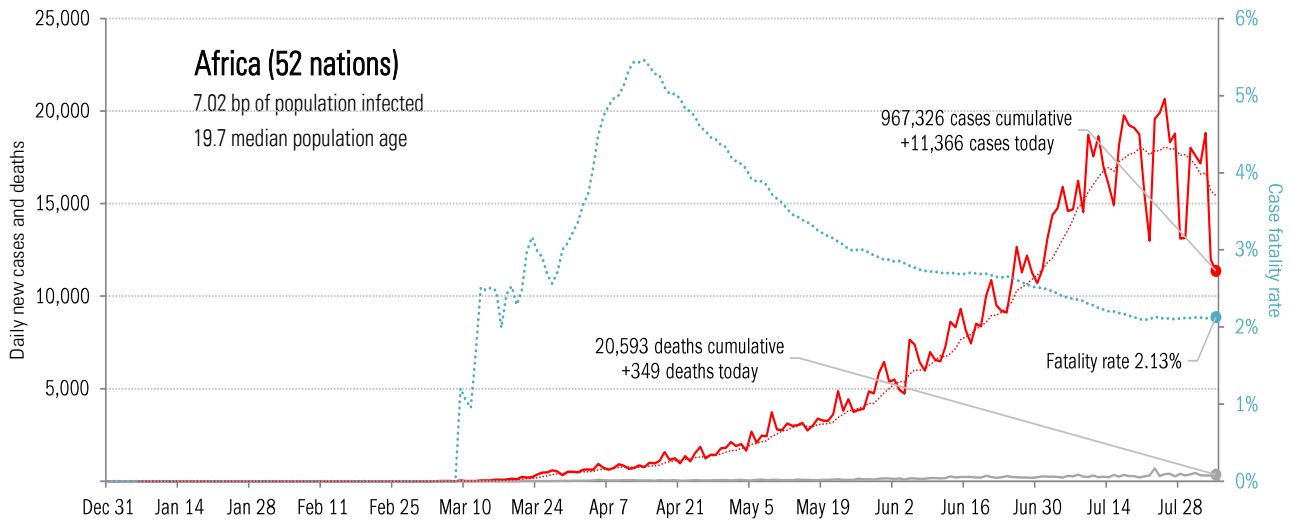
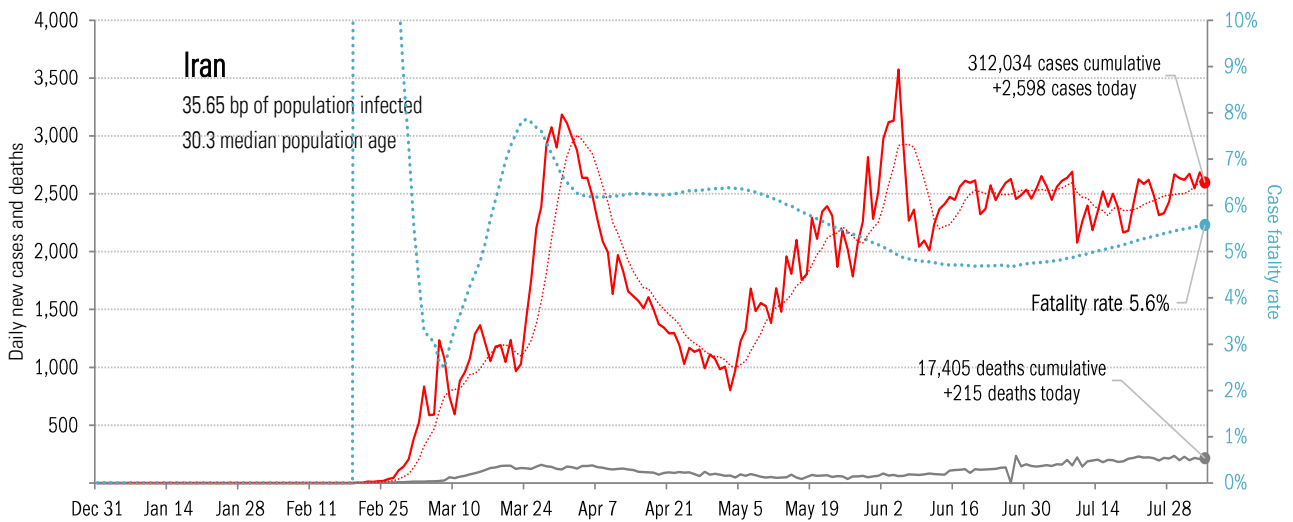
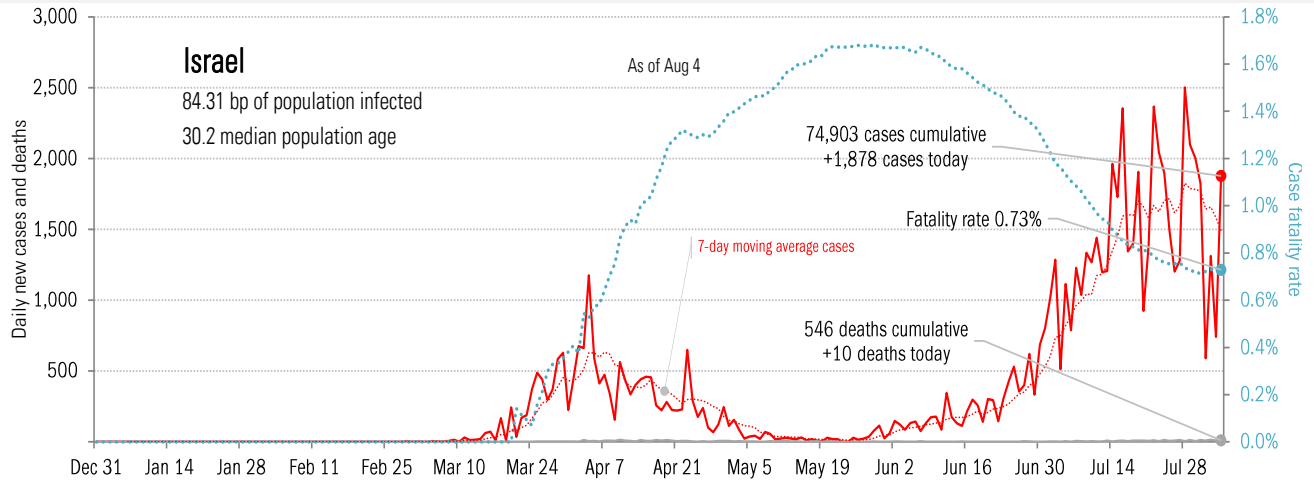
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations