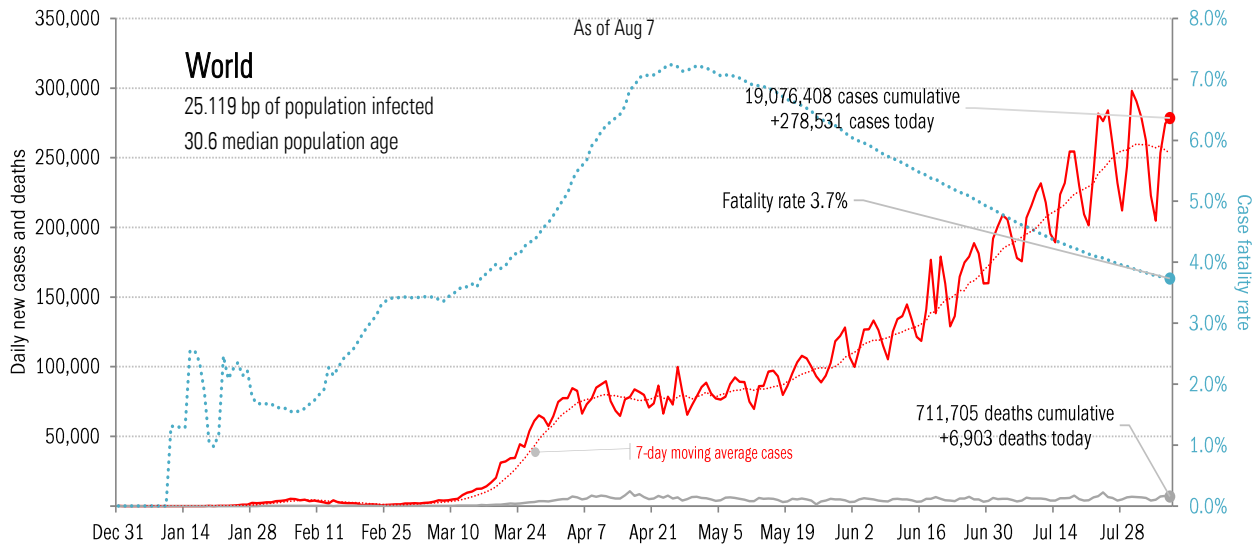
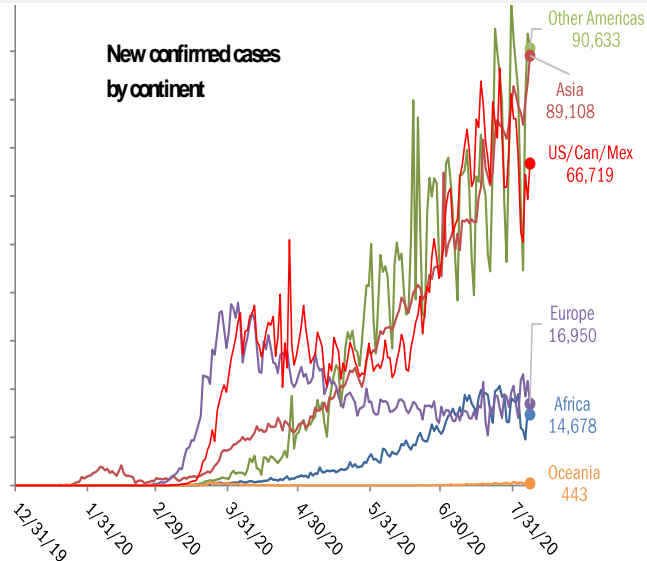


## Data Insights: Covid-2019 Monitor

Friday, August 7, 2020

### The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+62,538	US	+1,848
US	+59,755	Brazil	+1,237
Brazil	+53,139	India	+886
Colombia	+11,996	Mexico	+819
South_Africa	+8,307	Colombia	+315
Peru	+7,785	South_Africa	+306
Argentina	+7,147	Peru	+196
Mexico	+6,590	Argentina	+126
Russia	+4,551	Chile	+97
Philippines	+3,480	Bolivia	+80
<b>+225,288</b>		<b>+5,910</b>	
World	+278,531	World	+6,903
Top ten	81%	Top ten	86%



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

#### For more information contact us:

Donald Luskin: 312 273 6766 [don@trendmacro.com](mailto:don@trendmacro.com)  
 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

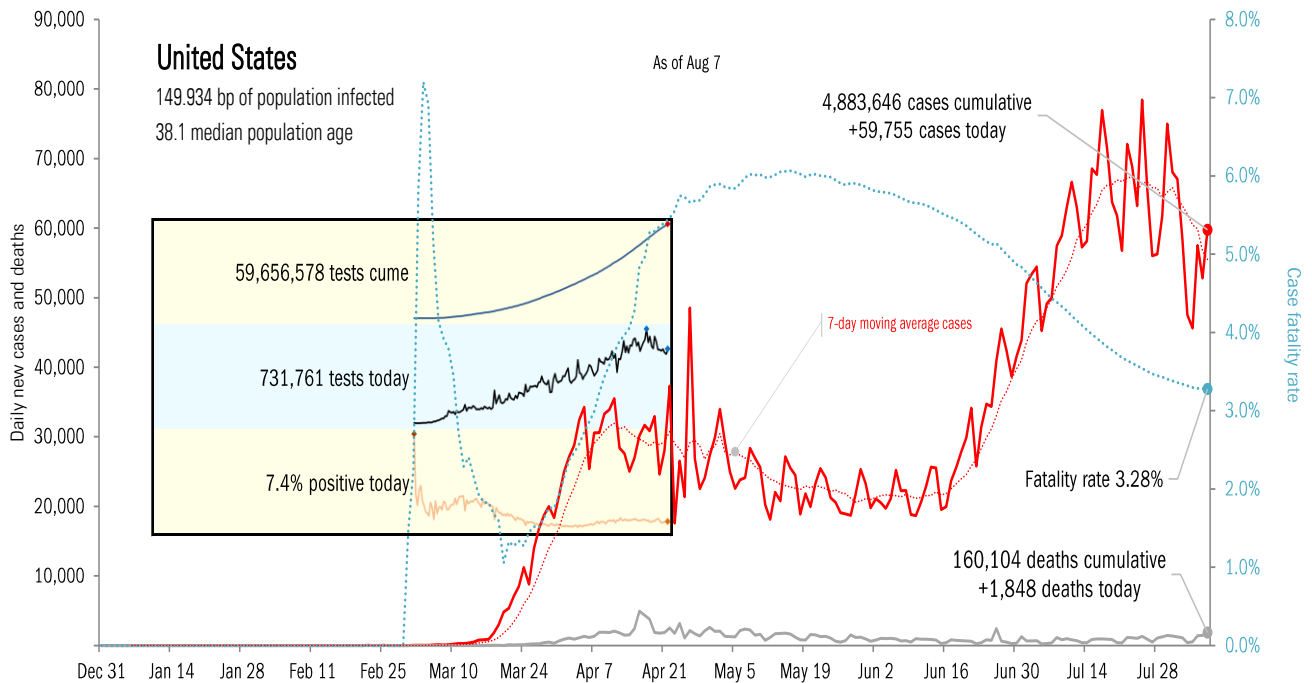
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
FL	+7,650	TX	+306	FL	+559	CA	529,980	NY	25,185	NY	89,995
TX	+7,598	CA	+166	AZ	+509	FL	510,389	NJ	15,849	FL	29,515
CA	+5,258	FL	+120	GA	+214	TX	467,485	CA	9,869	NJ	21,565
GA	+3,182	AZ	+70	AL	+213	NY	418,928	MA	8,691	GA	20,002
TN	+2,252	LA	+50	VA	+158	GA	204,895	FL	7,871	AZ	14,068
NC	+1,979	SC	+49	CH	+135	IL	189,705	TX	7,803	VA	13,984
IL	+1,953	GA	+42	IN	+119	NJ	183,701	IL	7,791	MD	12,978
AL	+1,938	NC	+42	CT	+113	AZ	183,647	PA	7,282	MA	12,007
AZ	+1,444	TN	+42	TN	+108	NC	131,267	MI	6,506	CH	11,366
SC	+1,325	PA	+38	WA	+61	LA	127,246	CT	4,437	AL	11,313
<b>+34,579</b>		<b>+925</b>		<b>+2,189</b>		<b>2,947,243</b>		<b>101,284</b>		<b>236,793</b>	
All states	+54,184	All states	+1,251	All states	+2,682	All states	4,852,143	All states	151,483	All states	322,388
Top ten	64%	Top ten	74%	Top ten	82%	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	
TX	-1,108	FL	-105	GA	-148	TX	+8,152
KS	-841	GA	-100	AR	-64	TN	+2,008
GA	-583	CA	-36	FL	-64	CH	+1,662
MS	-289	MS	-30	KS	-39	IN	+1,592
CK	-264	NV	-18	KY	-31	CK	+937



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

## Recommended reading

[Whitmer vetoes bill that would have prevented COVID-19 patients housed in nursing homes](#)

*Mid-Michigan Now*  
July 31, 2020

[Too Many of the Wrong Tests and None of the Right](#)

Phil Kerpen  
*Committee to Unleash Prosperity*  
August 6, 2020

[L.A. Threatens to Punish Party-Throwers by Cutting Off Power](#)

Brian Eckhouse  
*Bloomberg*  
August 5, 2020

[Goldman Says Covid-19 Vaccine Approval Could Upend Markets](#)

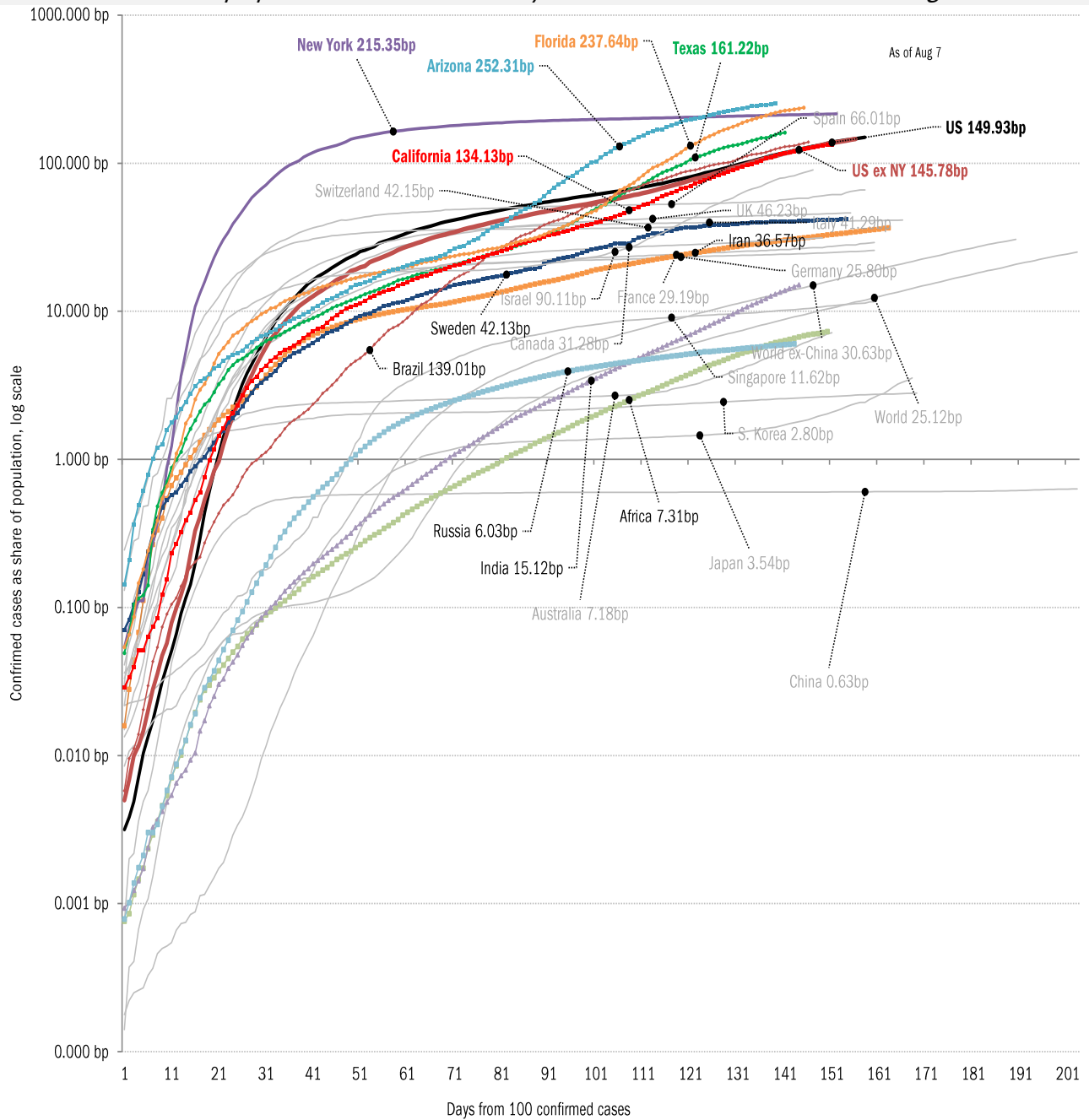
Cormac Mullen  
*Bloomberg*  
August 6, 2020

## Meme of day



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

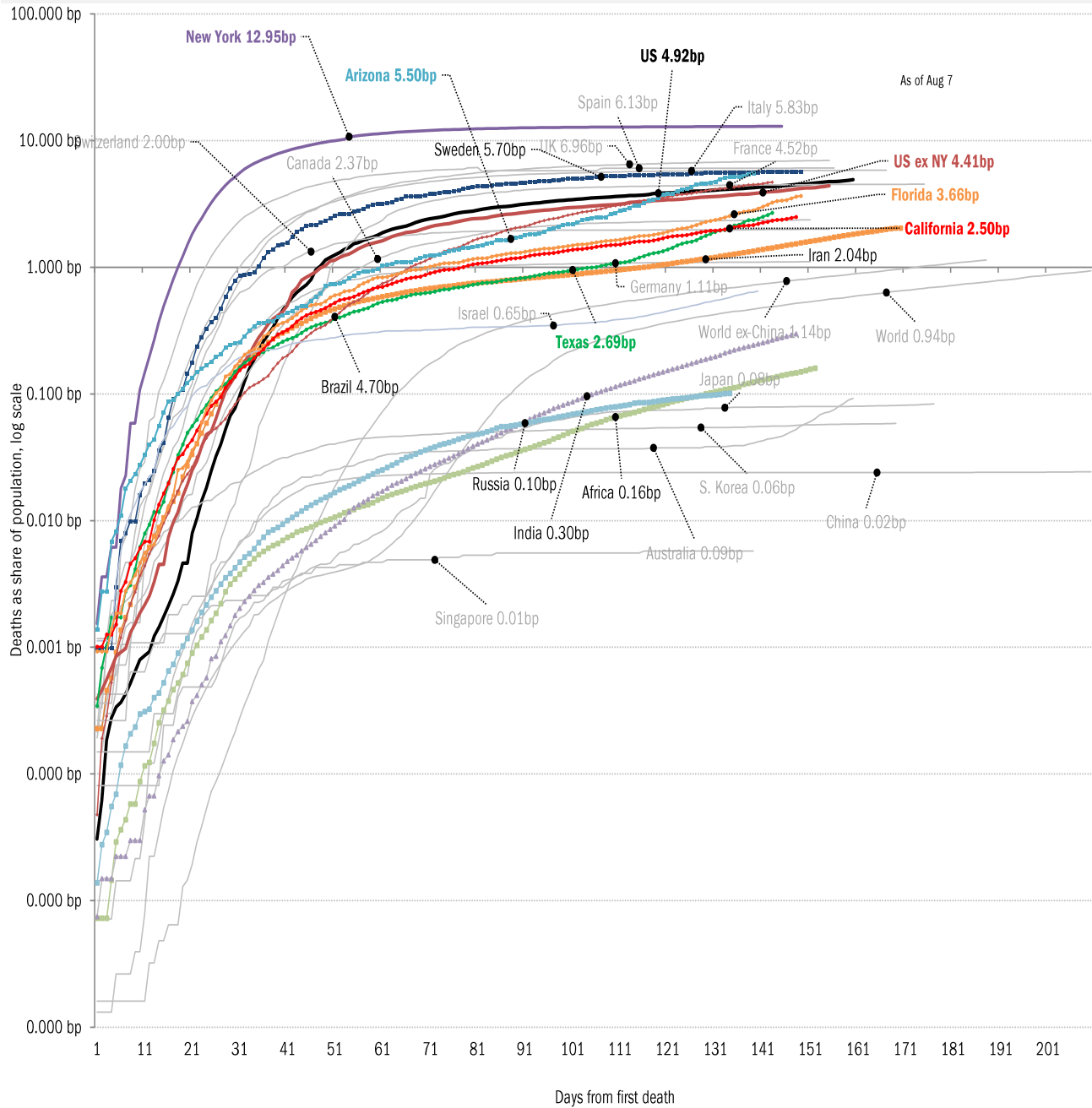
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

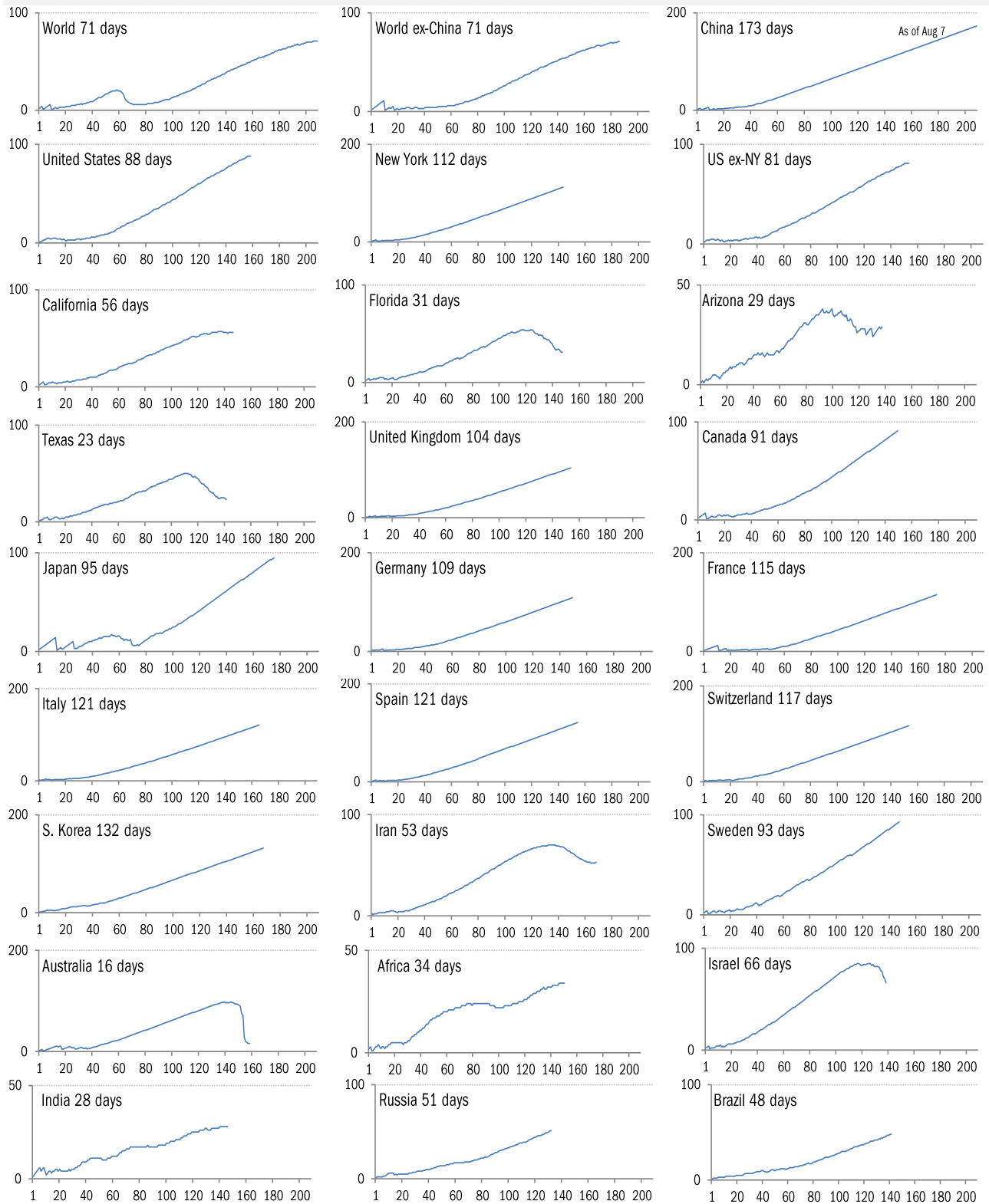
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

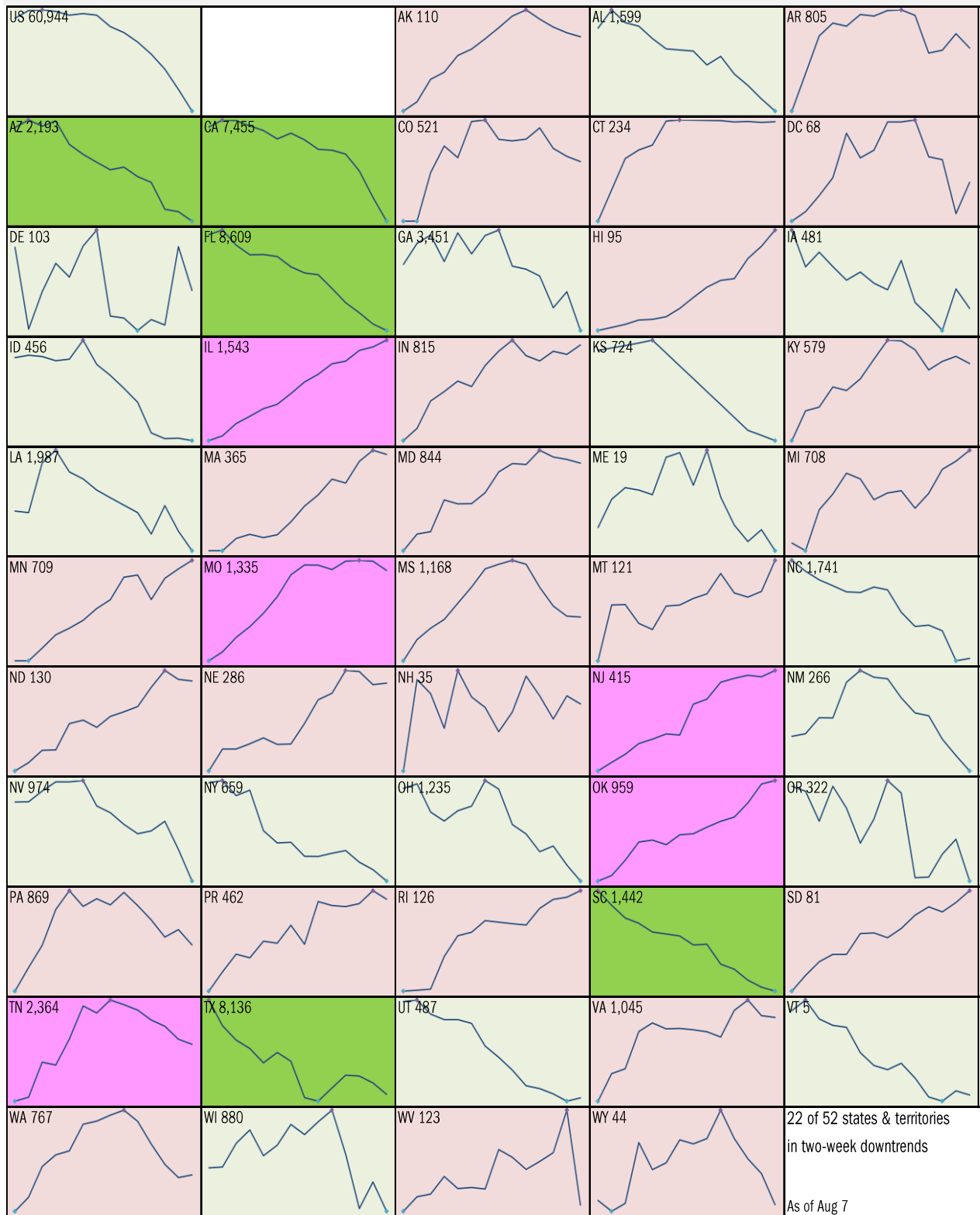
# Our most reliable evidence of slowing exponential growth of Covid-2019

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



Source: [ECDC](#), TrendMacro calculations

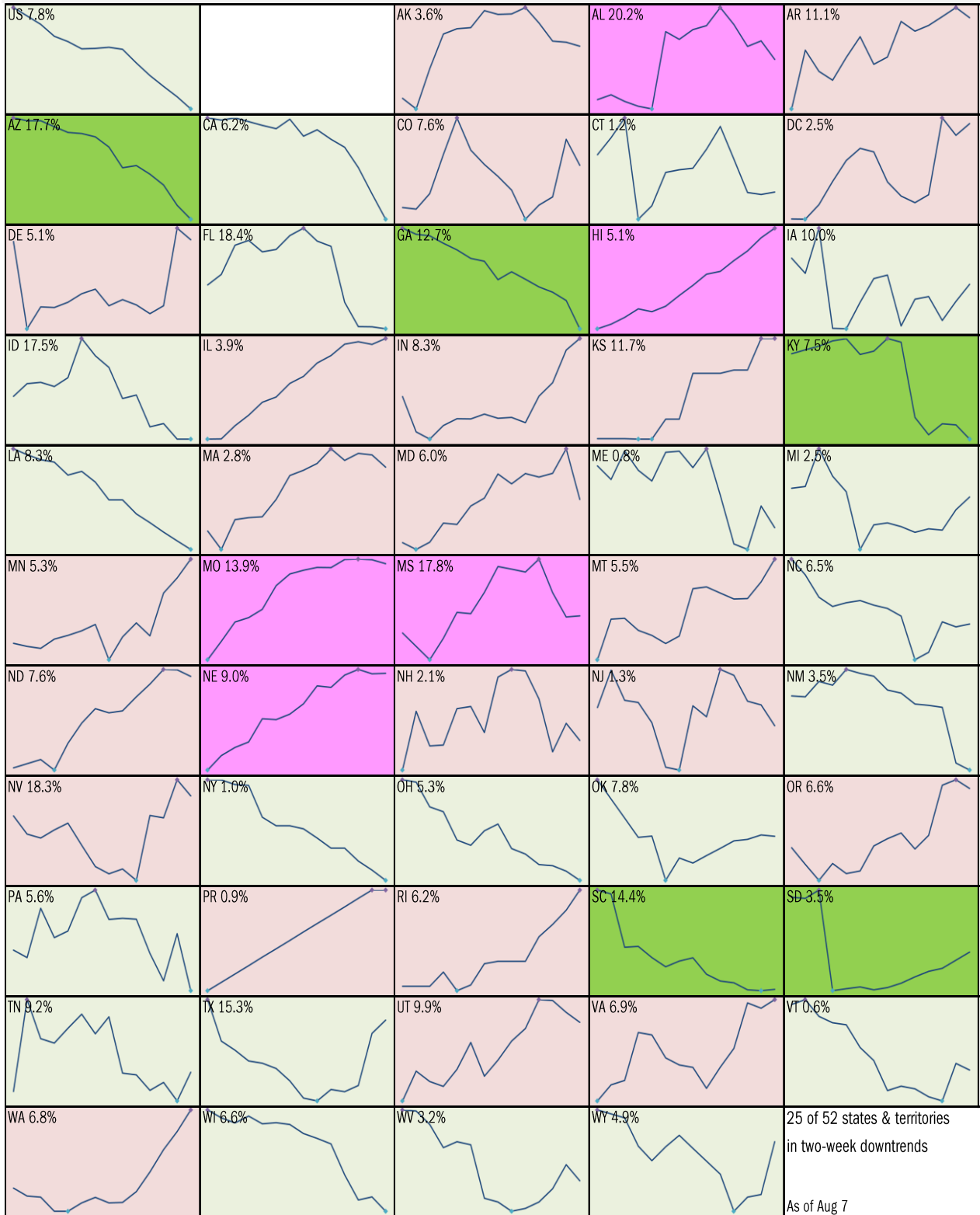
Requirement to [Open Up America Again](#): 14-day "downward trajectory" in new cases  
 14-day moving average, last 14 days *Most recent value displayed* ● High ● Low  
 ■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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



As of Aug 7

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

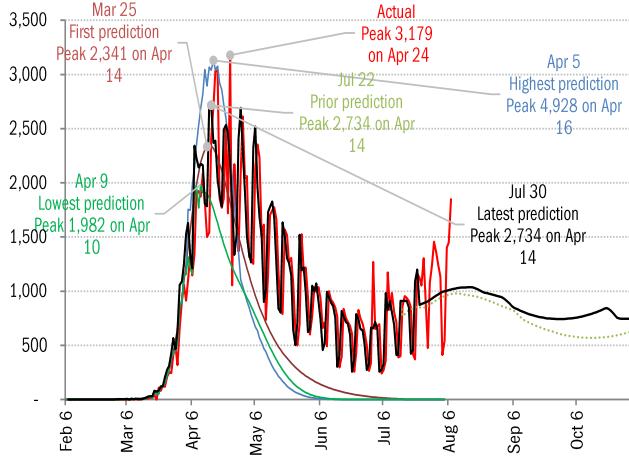


# Reality-checking the models: actuals versus [IHME](#) predictions

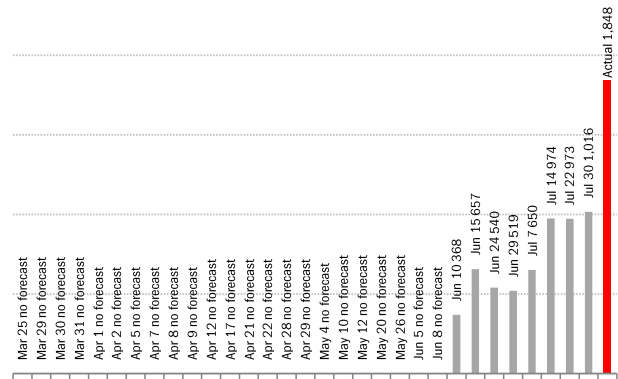
## New daily fatalities

As of Aug 7

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

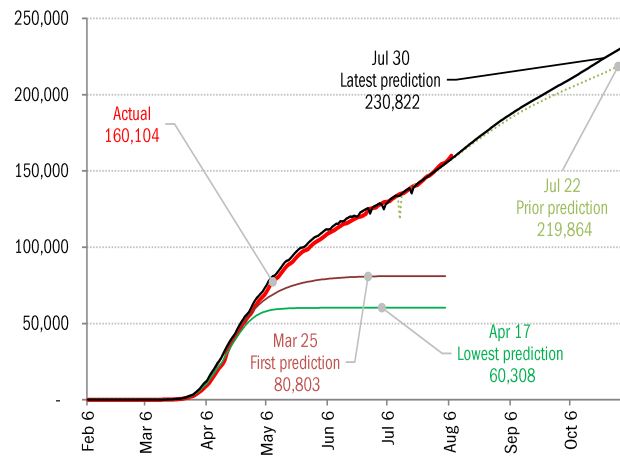


For this day, versus all model mean predictions

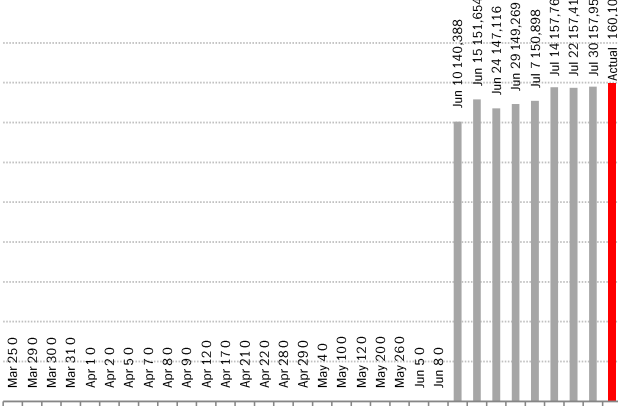


## Cumulative fatalities

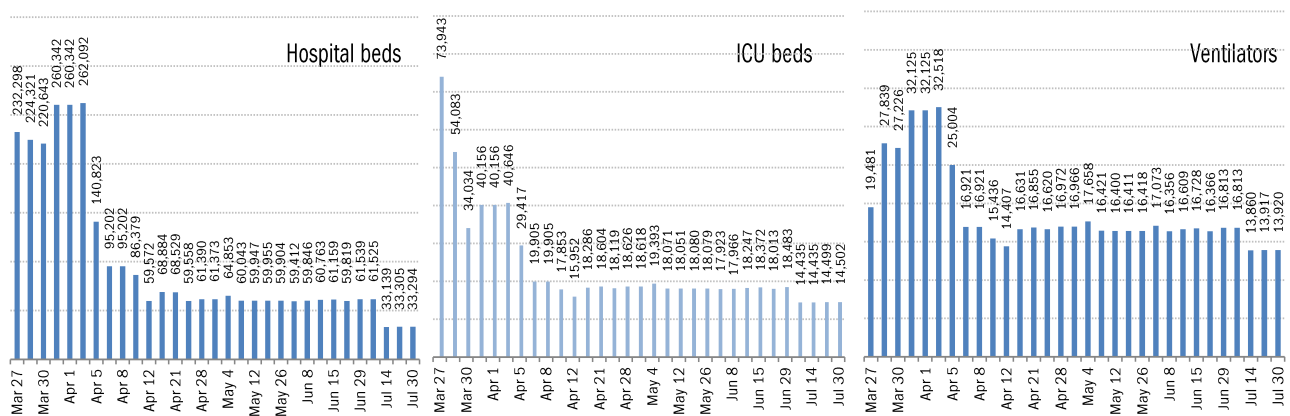
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

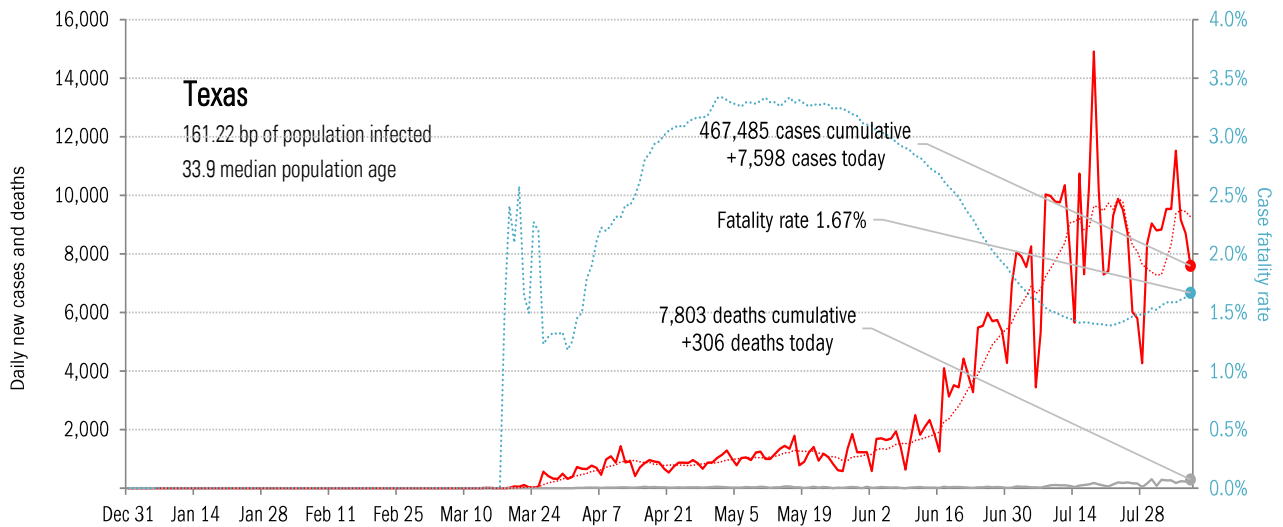
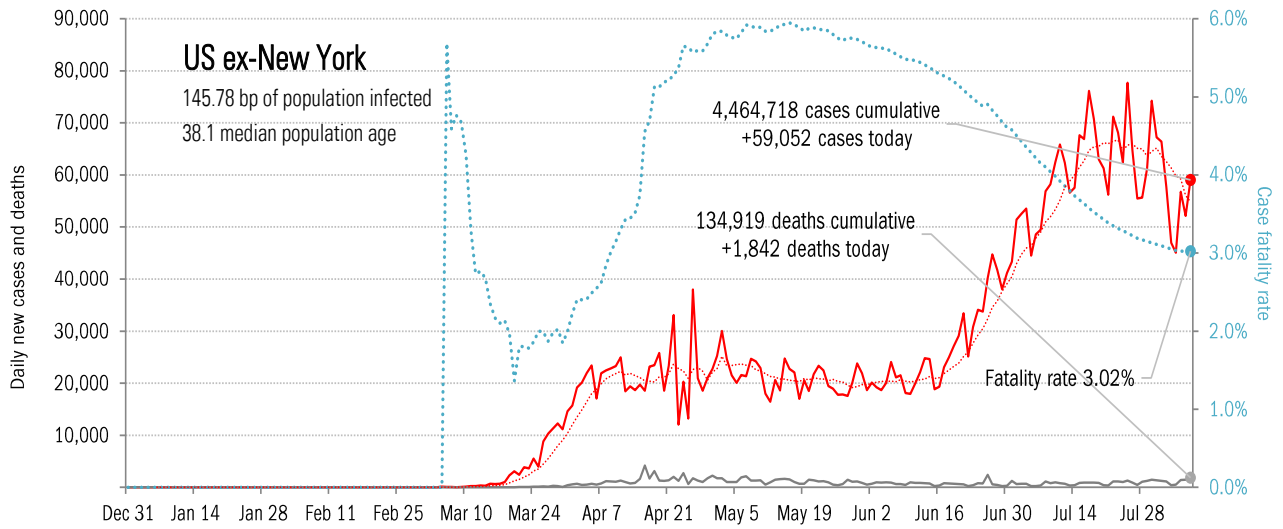
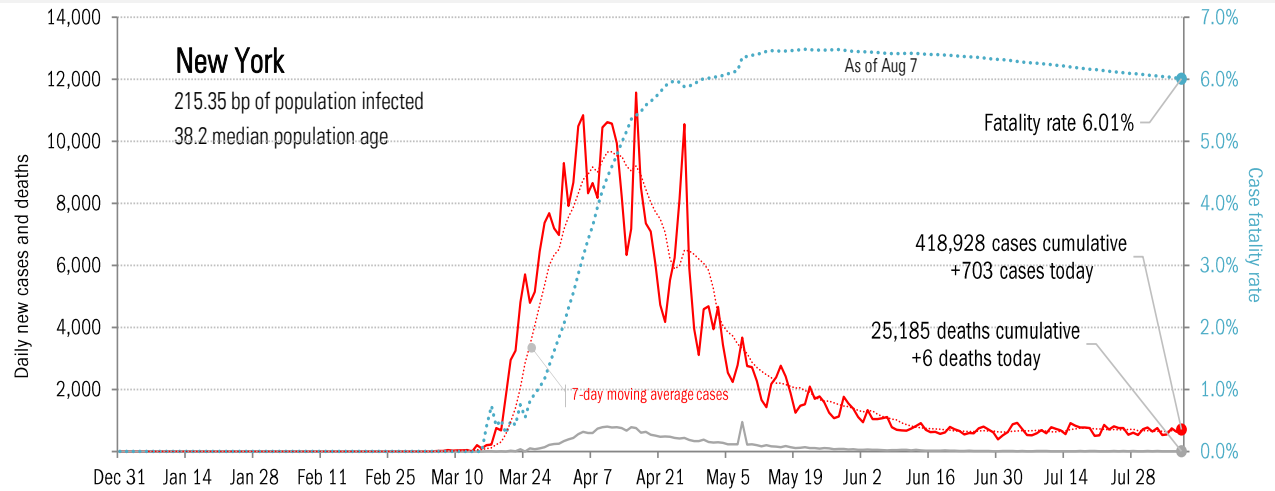


## Healthcare system stress, peak estimated at each model revision



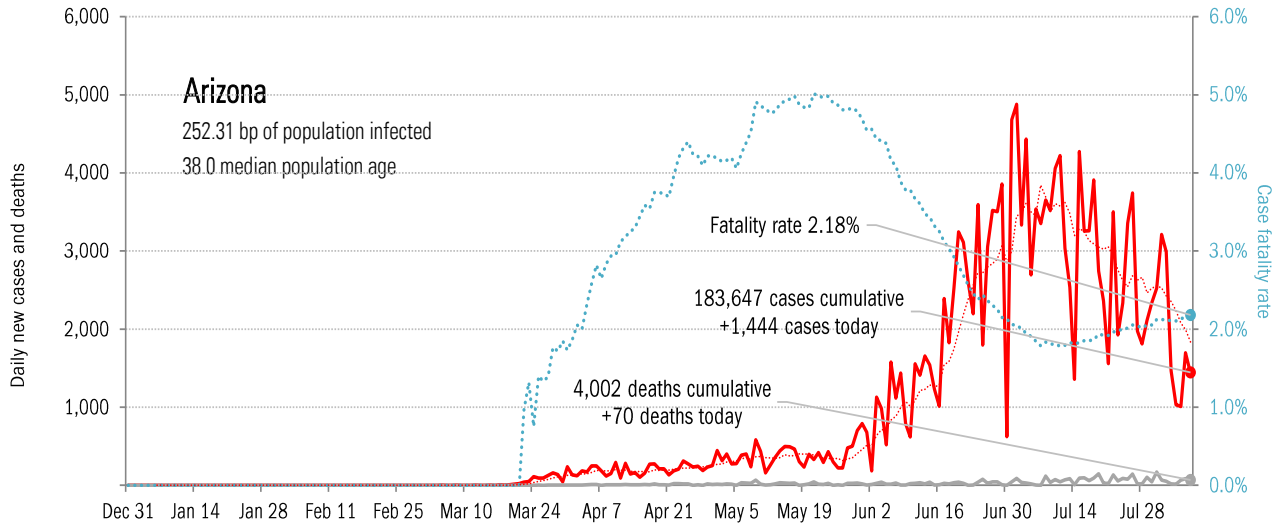
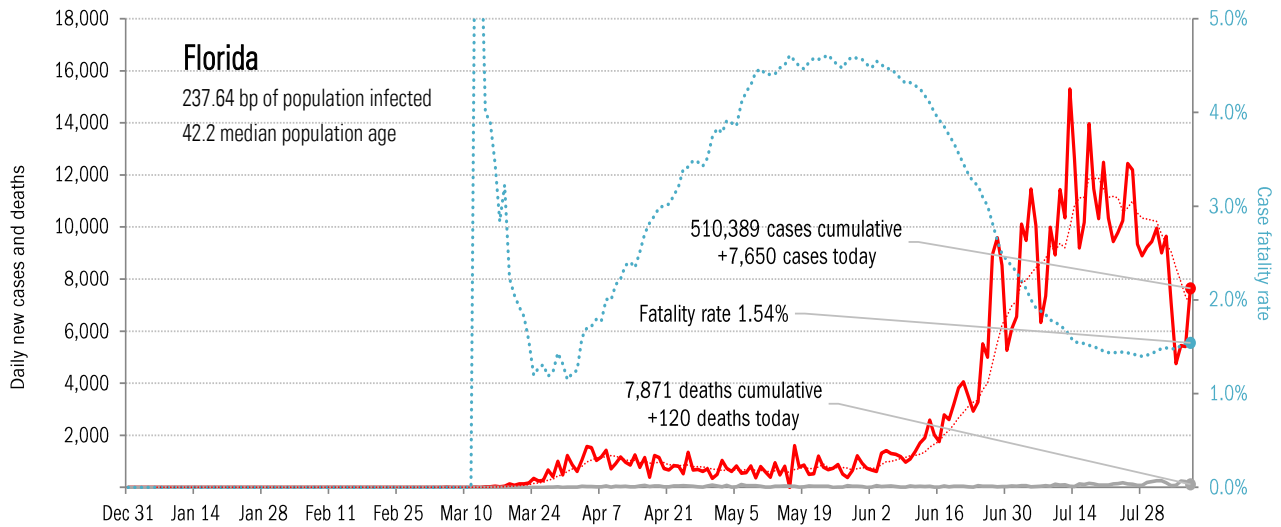
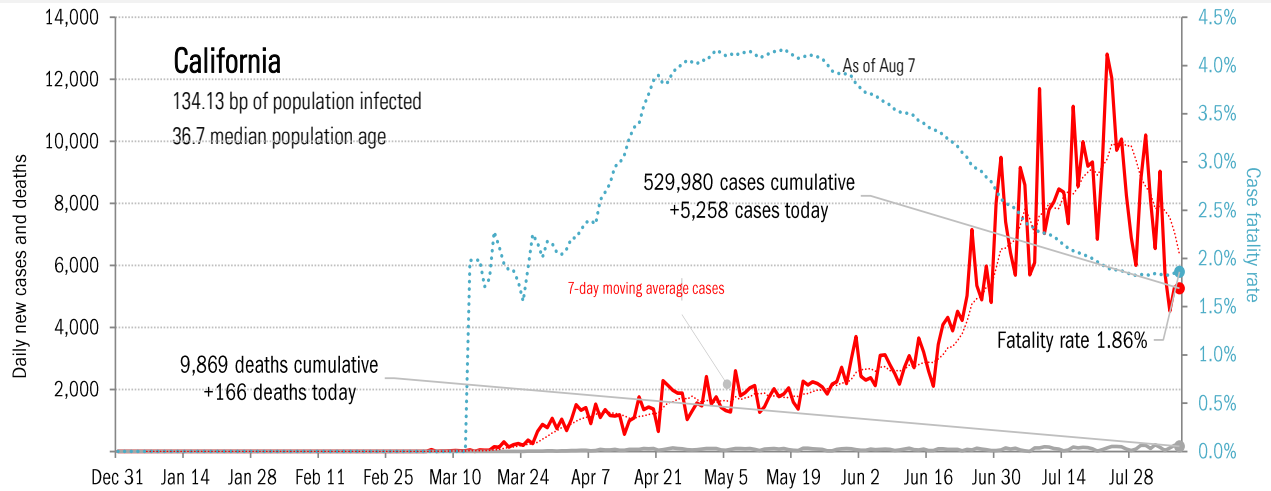
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



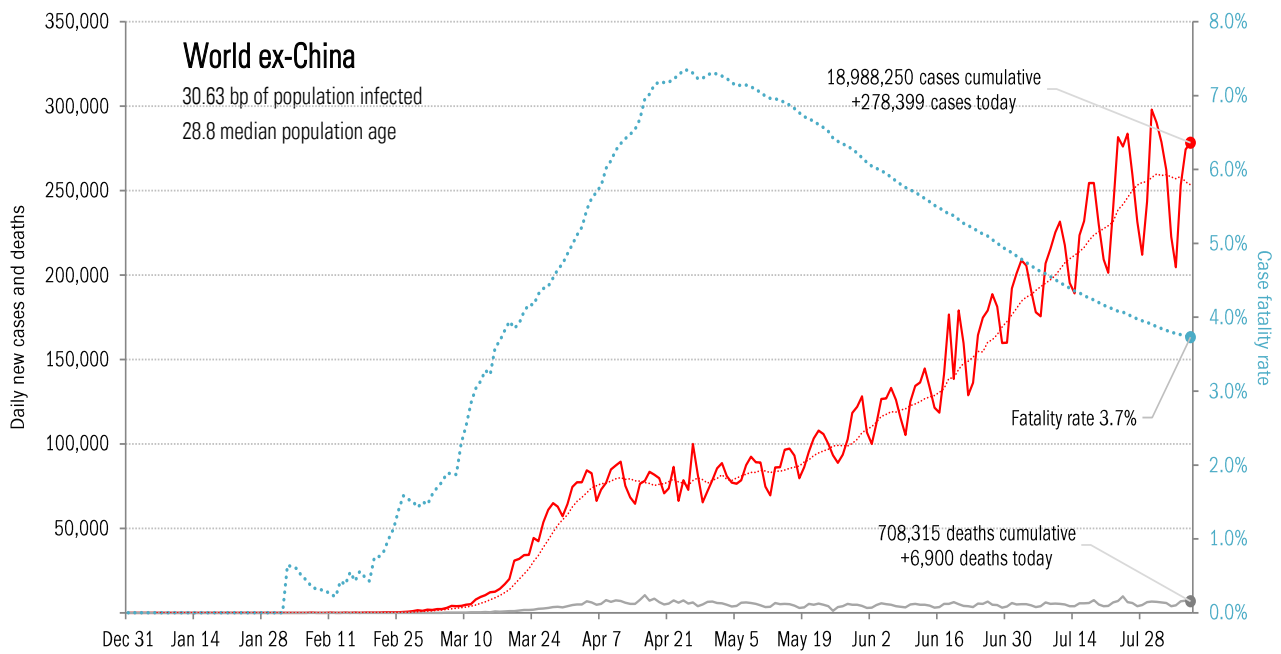
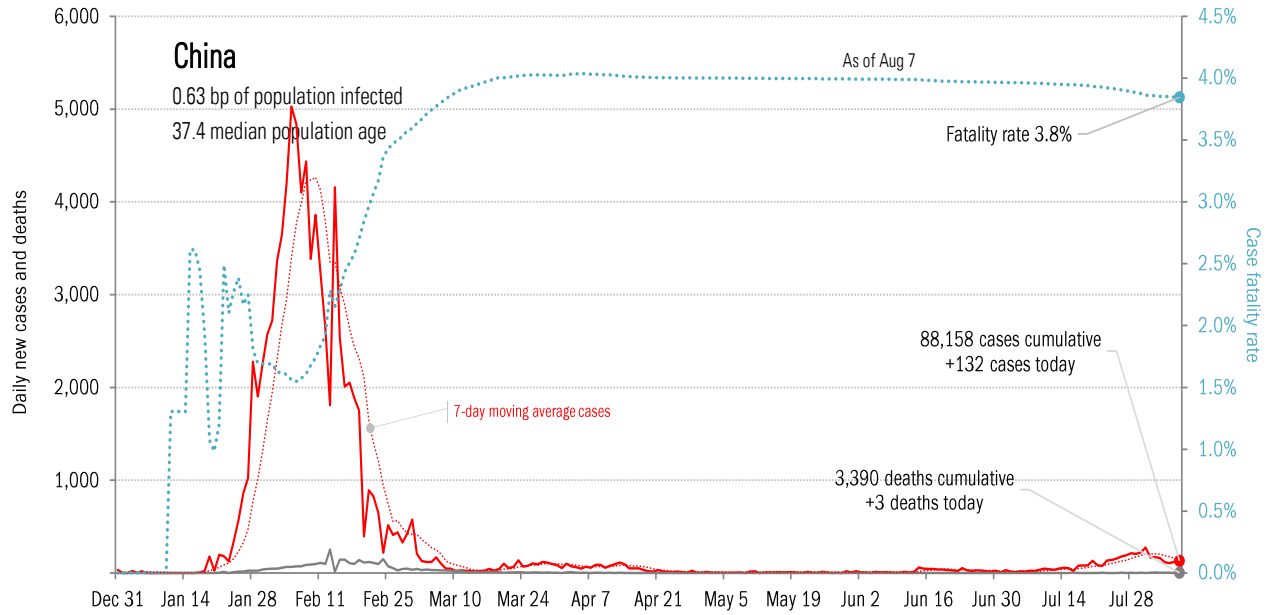
Source: [ECDC](#), TrendMacro calculations

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



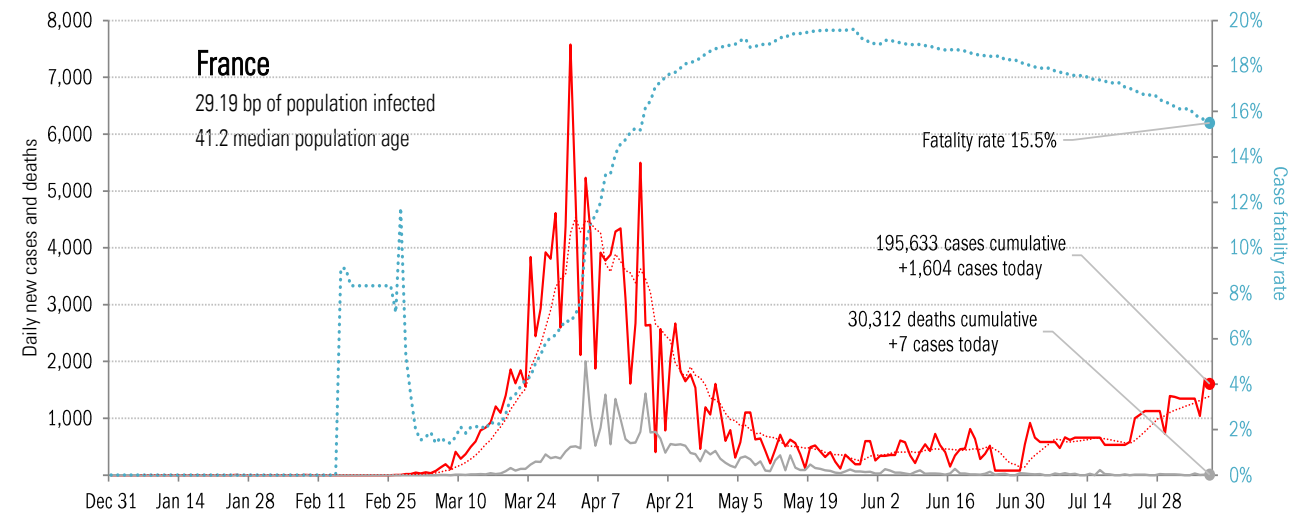
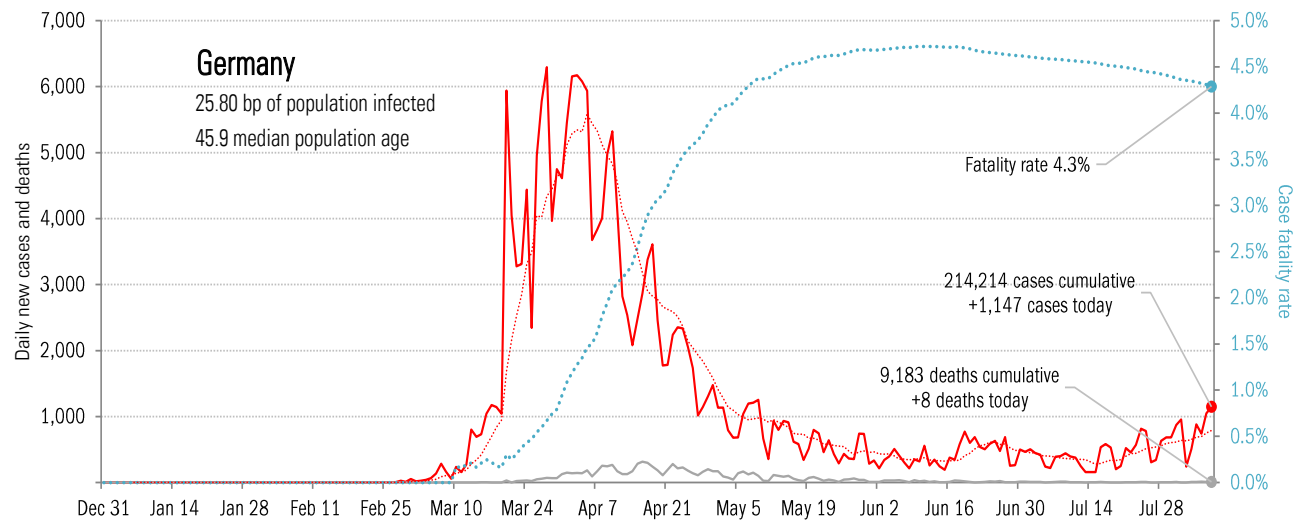
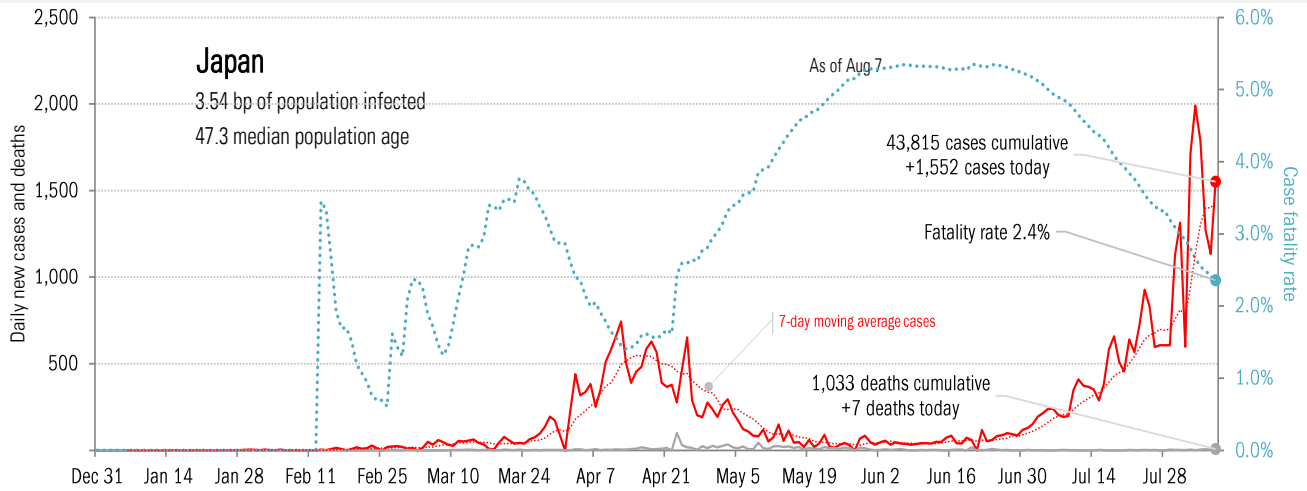
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



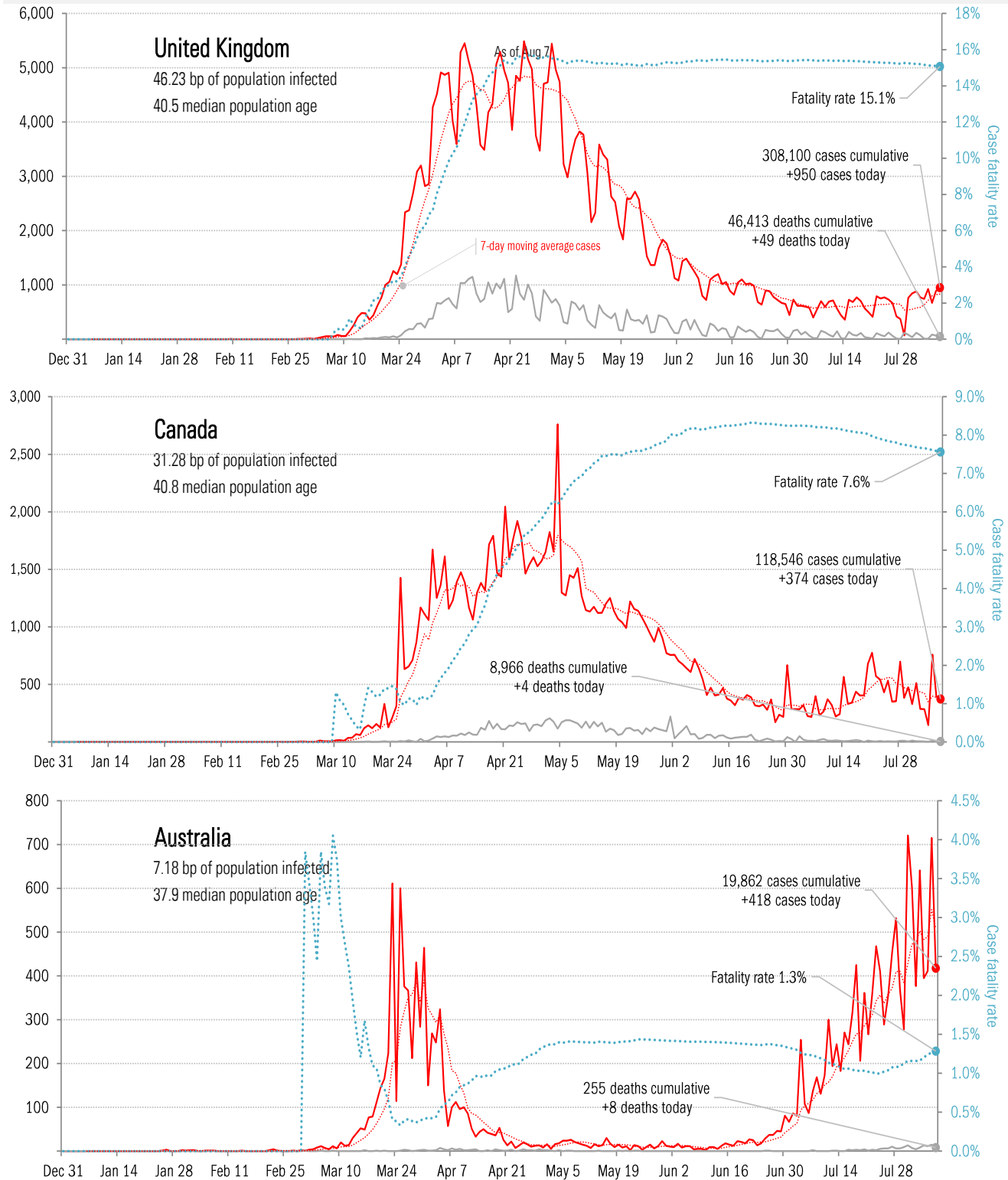
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



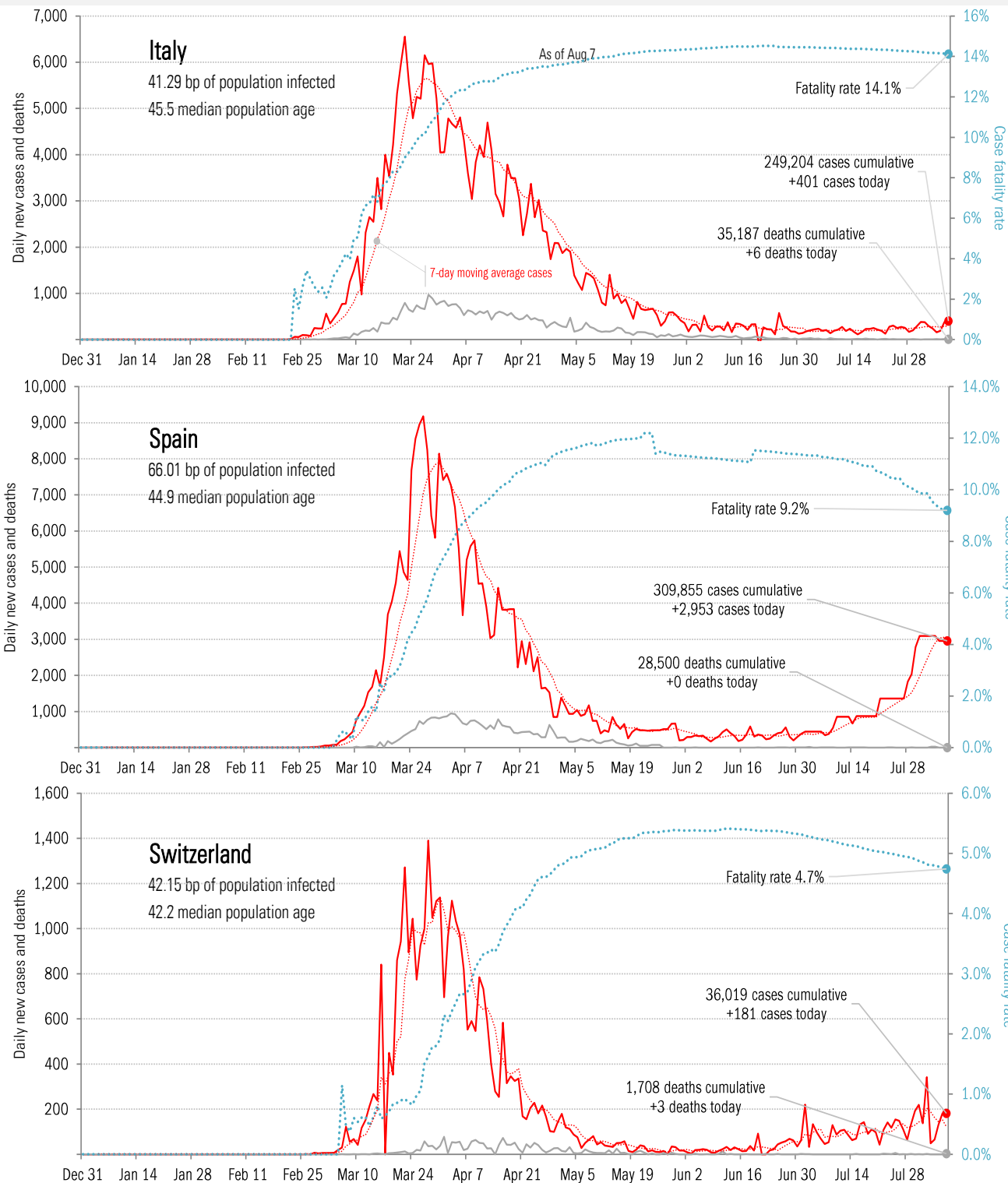
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



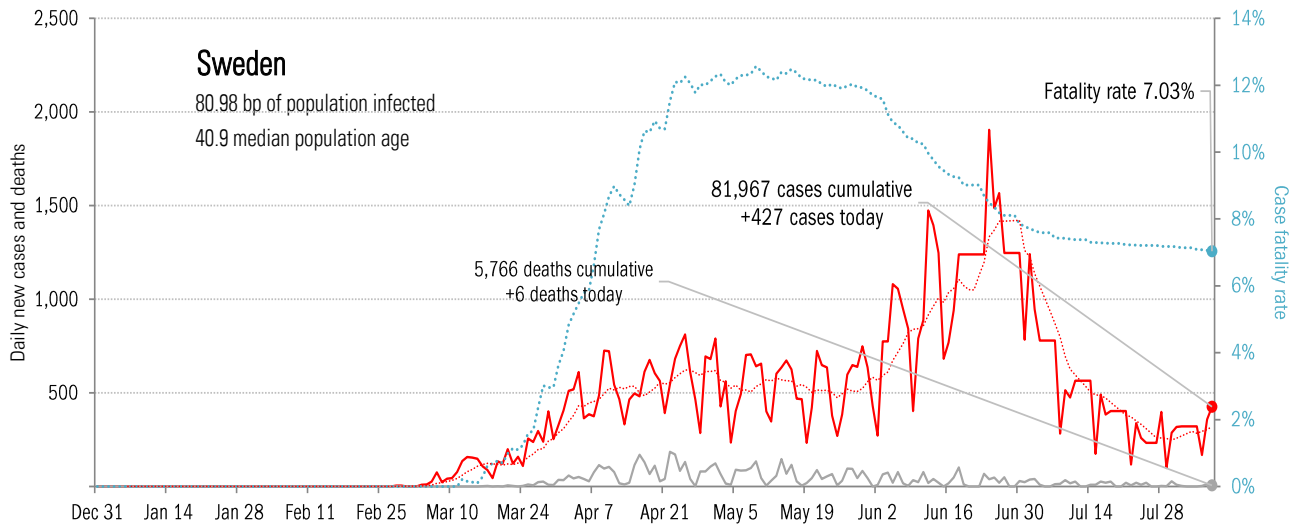
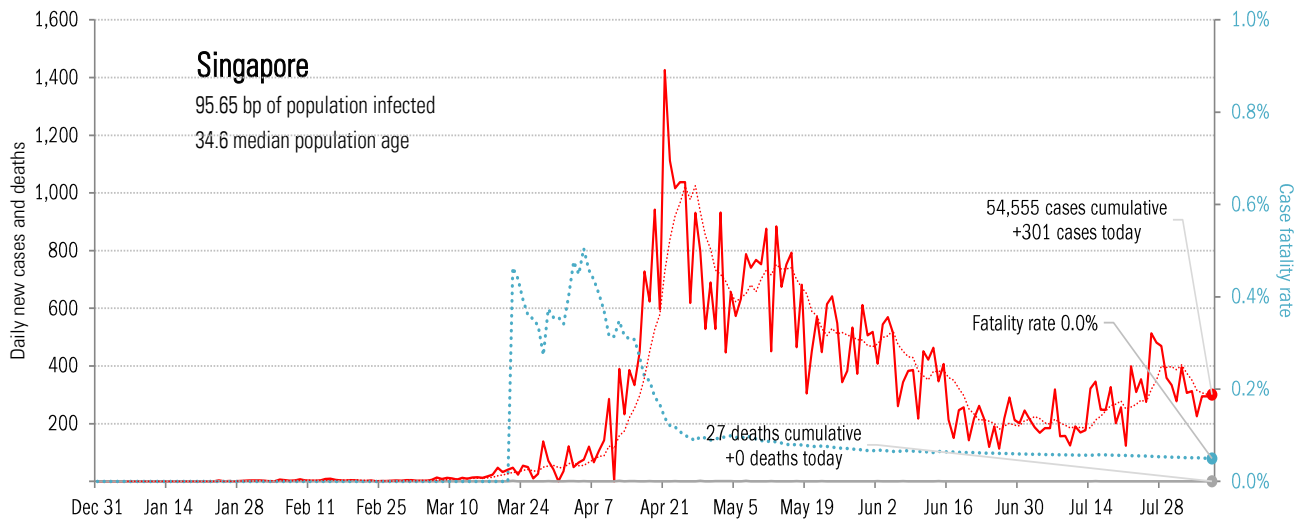
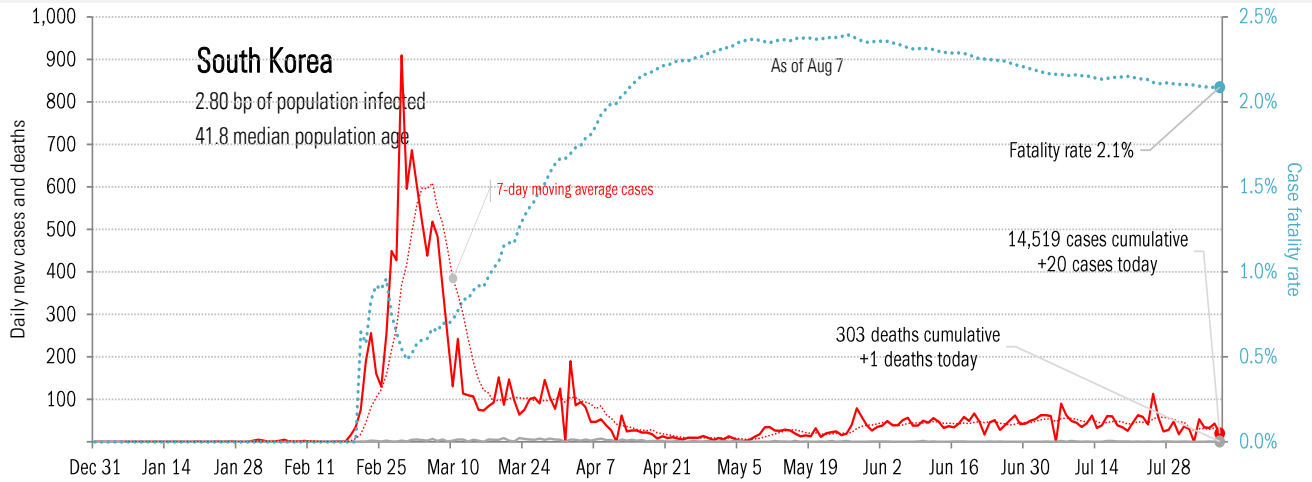
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

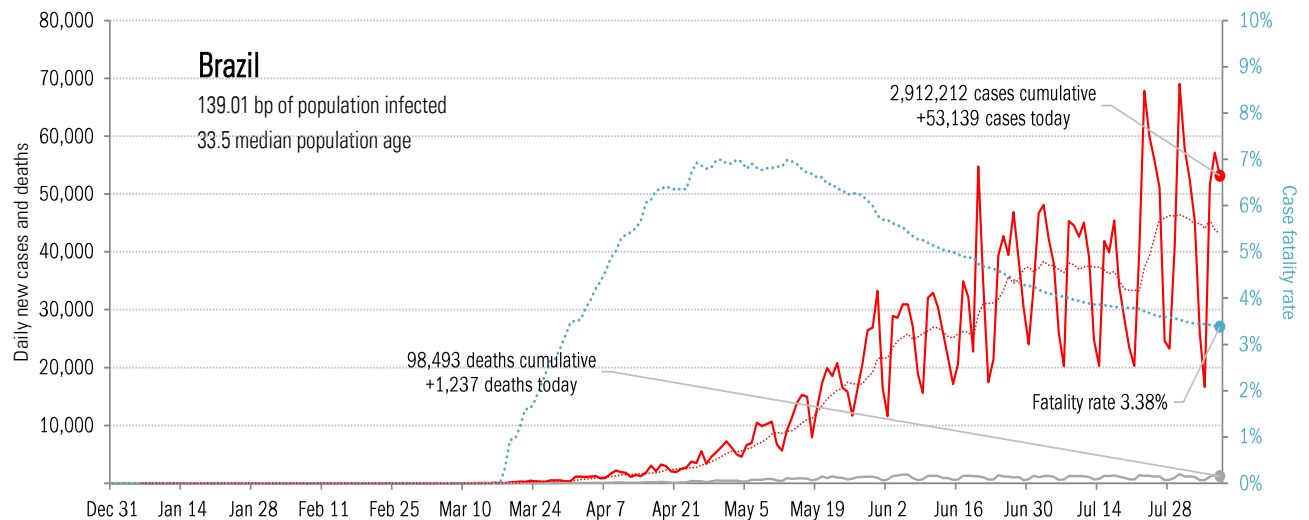
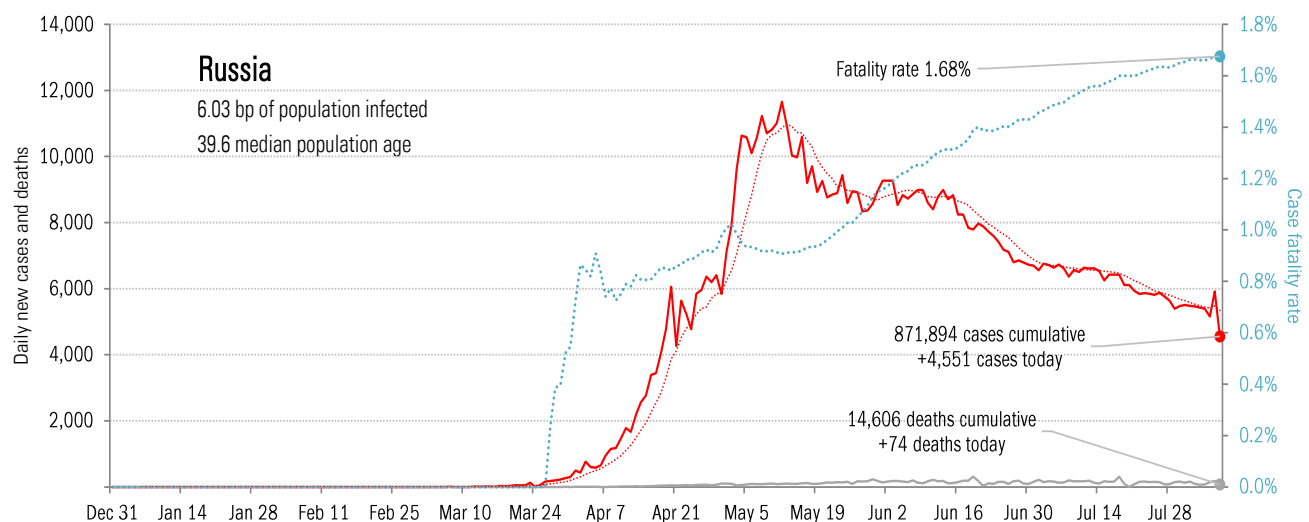
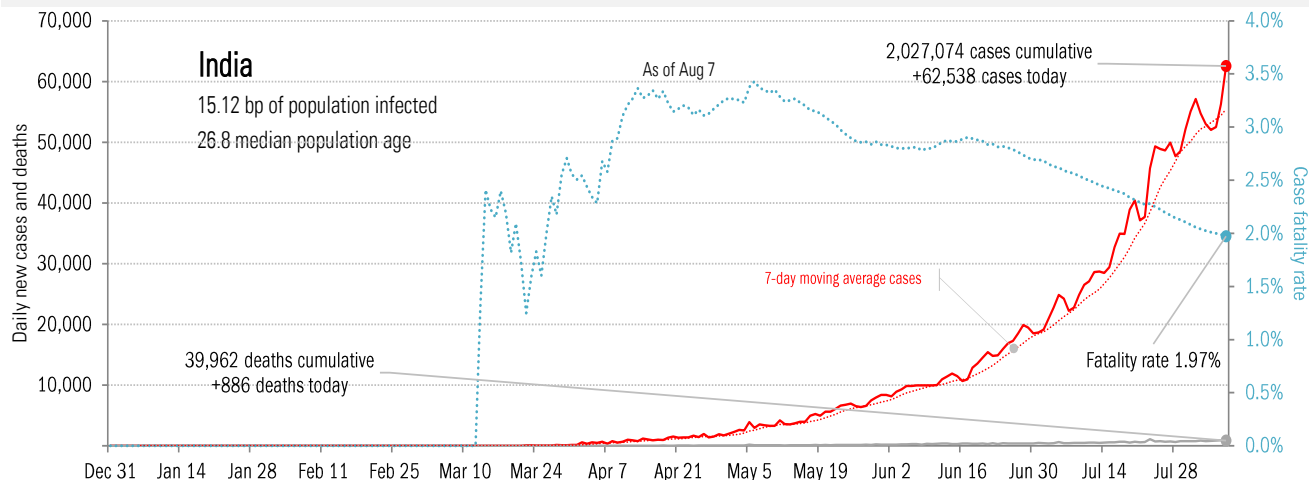
# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

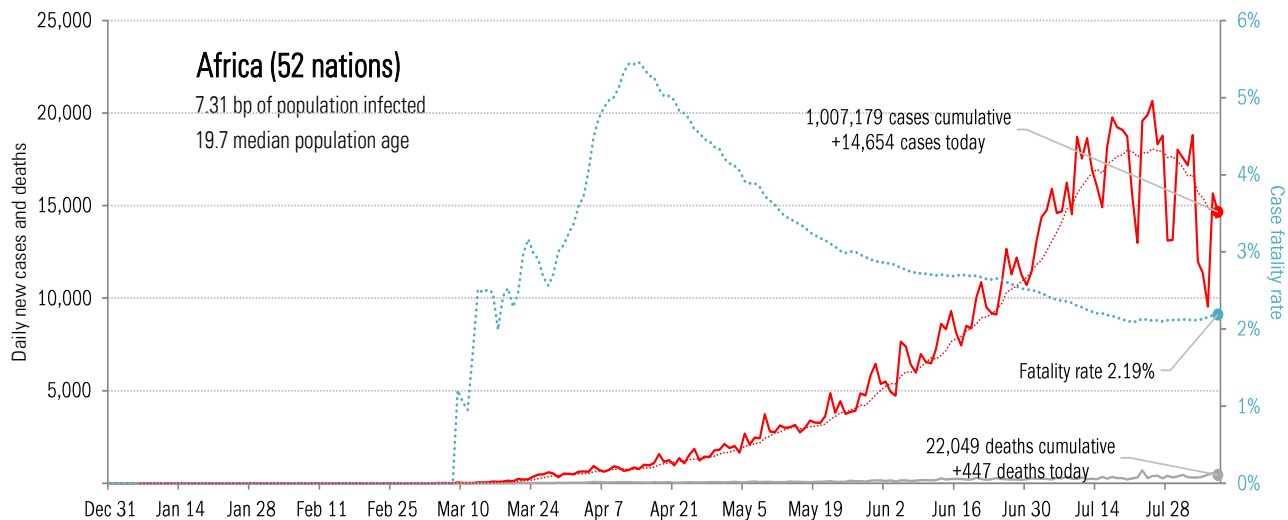
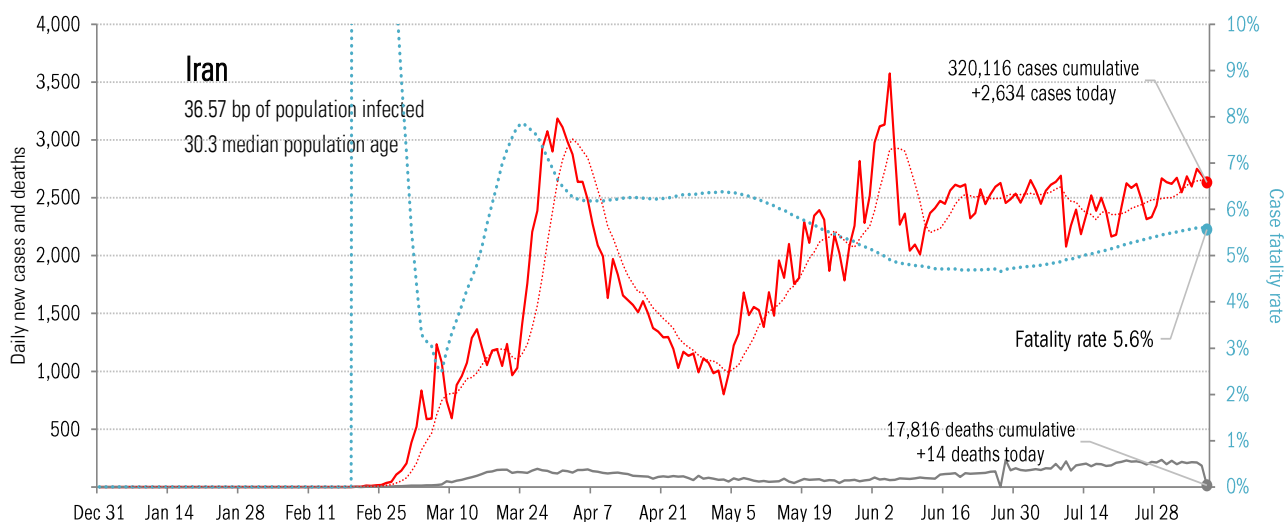
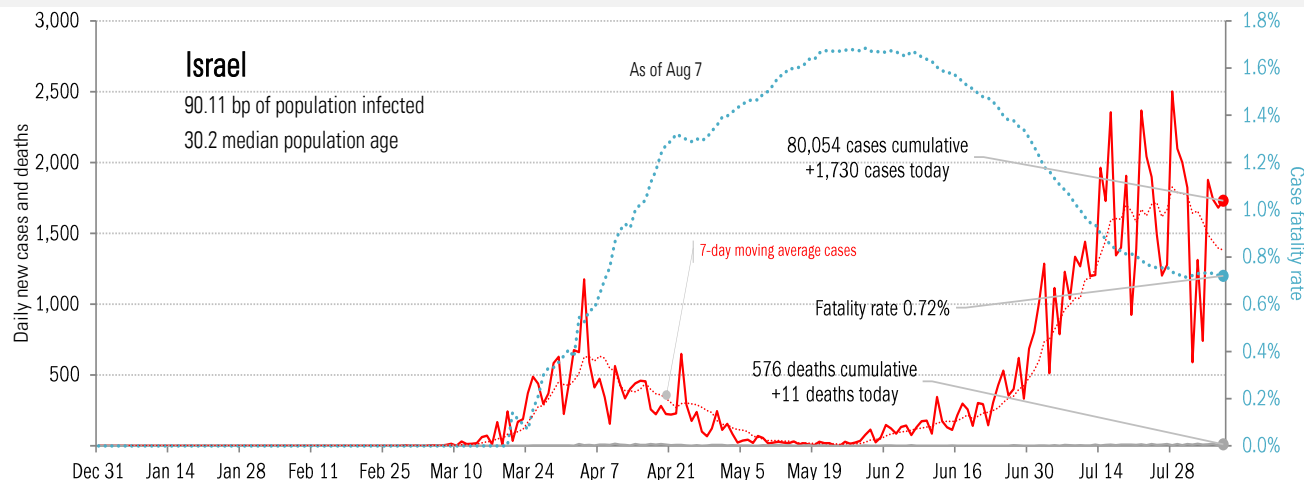


# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations