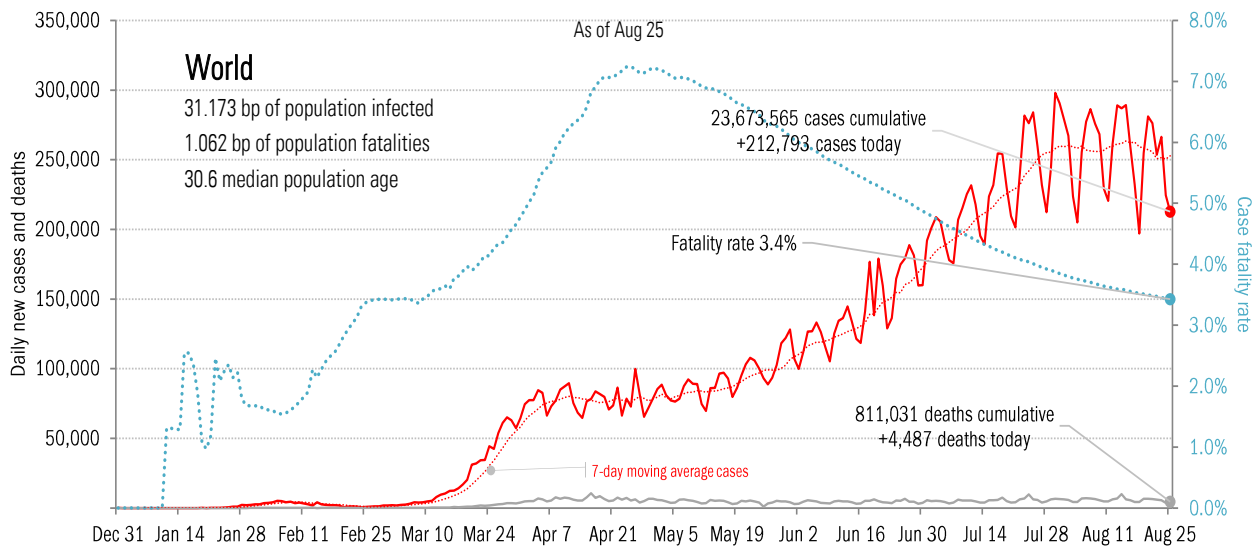
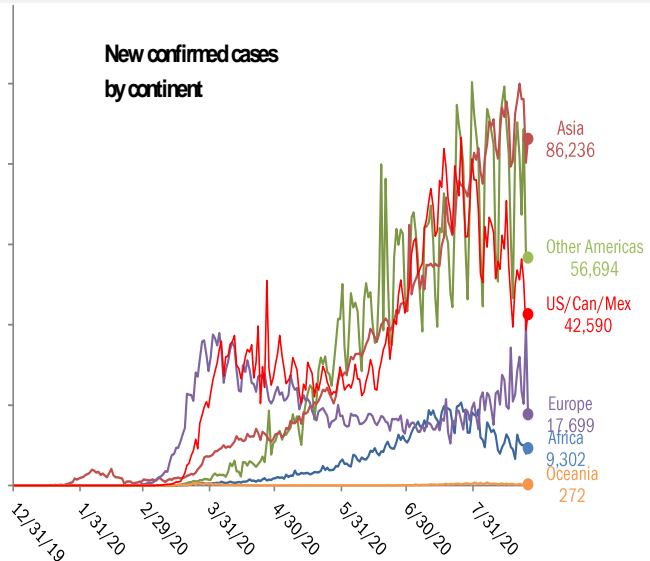


## Data Insights: Covid-2019 Monitor

Tuesday, August 25, 2020

### The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+60,975	India	+848
US	+38,298	Brazil	+565
Brazil	+17,078	Argentina	+518
Argentina	+14,065	US	+473
Colombia	+10,549	Mexico	+320
Peru	+6,112	Colombia	+296
Russia	+4,744	Peru	+150
Philippines	+4,651	Kazakhstan	+108
Iraq	+3,644	South_Africa	+100
Mexico	+3,541	Iraq	+91
<b>+163,657</b>		<b>+3,469</b>	
World	+212,793	World	+4,487
Top ten	77%	Top ten	77%



Source: [ECDC](#), TrendMacro calculations

#### For more information contact us:

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 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

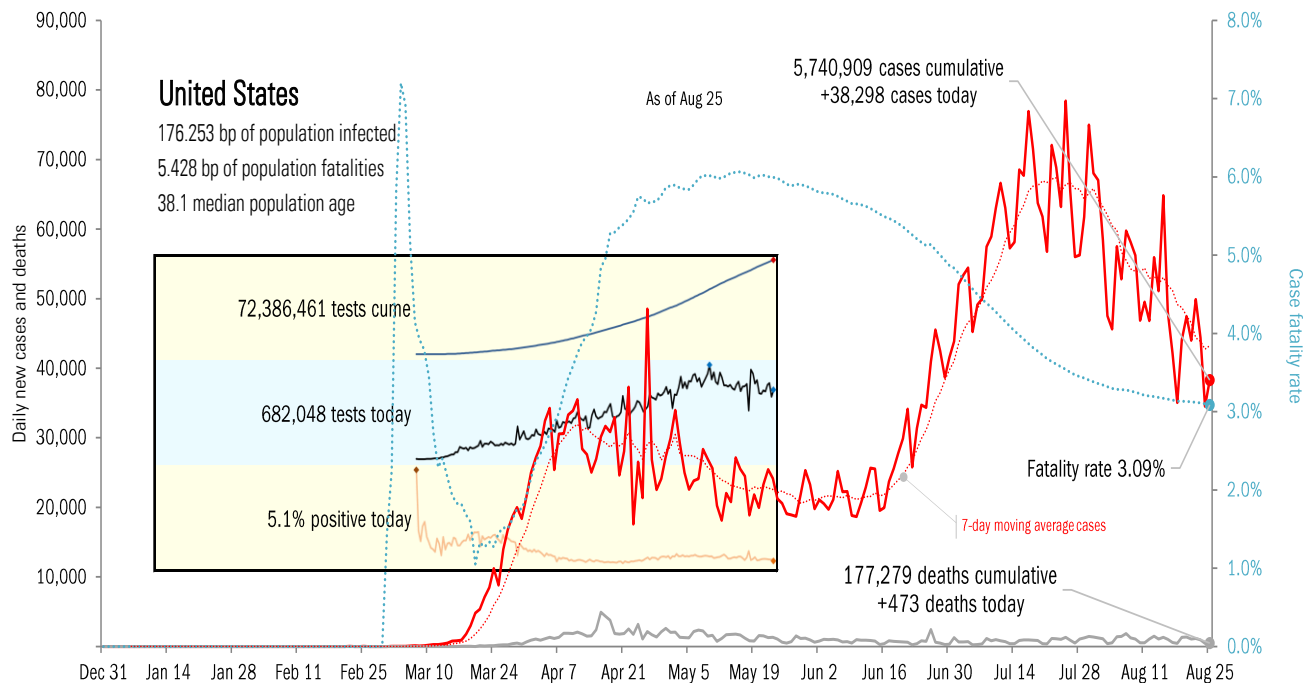
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
CA	+4,946	FL	+72	AL	+291	CA	668,615	NY	25,295	NY	89,995
TX	+2,847	MA	+27	FL	+129	FL	602,829	NJ	15,949	FL	37,032
GA	+2,304	TX	+25	IN	+62	TX	580,384	CA	12,152	GA	23,425
FL	+2,258	GA	+24	OH	+59	NY	430,145	TX	11,395	NJ	22,452
IN	+1,660	TN	+21	GA	+56	GA	256,253	FL	10,534	AZ	21,219
AL	+1,650	CA	+18	MD	+51	IL	223,207	MA	8,948	VA	15,609
IL	+1,612	LA	+18	MN	+44	AZ	198,414	IL	8,097	MD	14,007
KS	+1,545	AL	+11	OR	+44	NJ	189,719	PA	7,579	AL	13,793
NC	+1,283	AR	+9	TN	+43	NC	156,396	MI	6,663	CH	12,859
MI	+878	IA	+8	AR	+42	TN	144,604	GA	5,156	MA	12,268
<b>+20,983</b>		<b>+233</b>		<b>+821</b>		<b>3,450,566</b>		<b>111,768</b>		<b>262,659</b>	
All states	+35,036	All states	+343	All states	+1,049	All states	5,713,124	All states	169,206	All states	360,453
Top ten	60%	Top ten	68%	Top ten	78%	Top ten	60%	Top ten	66%	Top ten	73%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CA	-1,831	CA	-128	VA	-80	NC	+8,881
TX	-1,551	TX	-79	OK	-45	TX	+5,406
TN	-1,187	LA	-41	MD	-41	TN	+1,987
KY	-894	VA	-20	H	-21	PA	+1,635
FL	-716	GA	-16	CO	-13	CH	+729



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

## Recommended reading

[Mark Levin Interviews Dr. Harvey A Risch about HCO, FDA, and Dr. Fauci](#)

*Fox News*  
August 23, 2020

[Dr. Birx says November in-person voting should be as easy as going to Starbucks](#)

David Brody  
*Just the News*  
August 22, 2020

[Europe's Virus Surge Is Looking Less Deadly Than Initial Wave](#)

Suzi Ring  
*Bloomberg*  
August 22, 2020

[Coronavirus 'getting less angry' and we shouldn't fear second wave, claims doctor](#)

Nick Horner  
*Mirror*  
August 22, 2020

[Health and safety has replaced the coronavirus as the new pandemic](#)

Rachel Johnso  
*iNews*  
August 21, 2020

[Obesity Raises the Risk of Death From Covid-19 Among Men](#)

Roni Caryn Rabin  
*New York Times*  
August 14, 2020

[How Payroll Tax Suspension Helps 140 Million Workers](#)

Stephen Moore & Alfredo Ortiz  
*RealClear Markets*  
August 18, 2020

[Coronavirus: Missing school is worse than virus for children - Whitty](#)

*BBC*  
August 23, 2020

## Meme of day

At what point can we just start using 2020 as a swear word? As in:

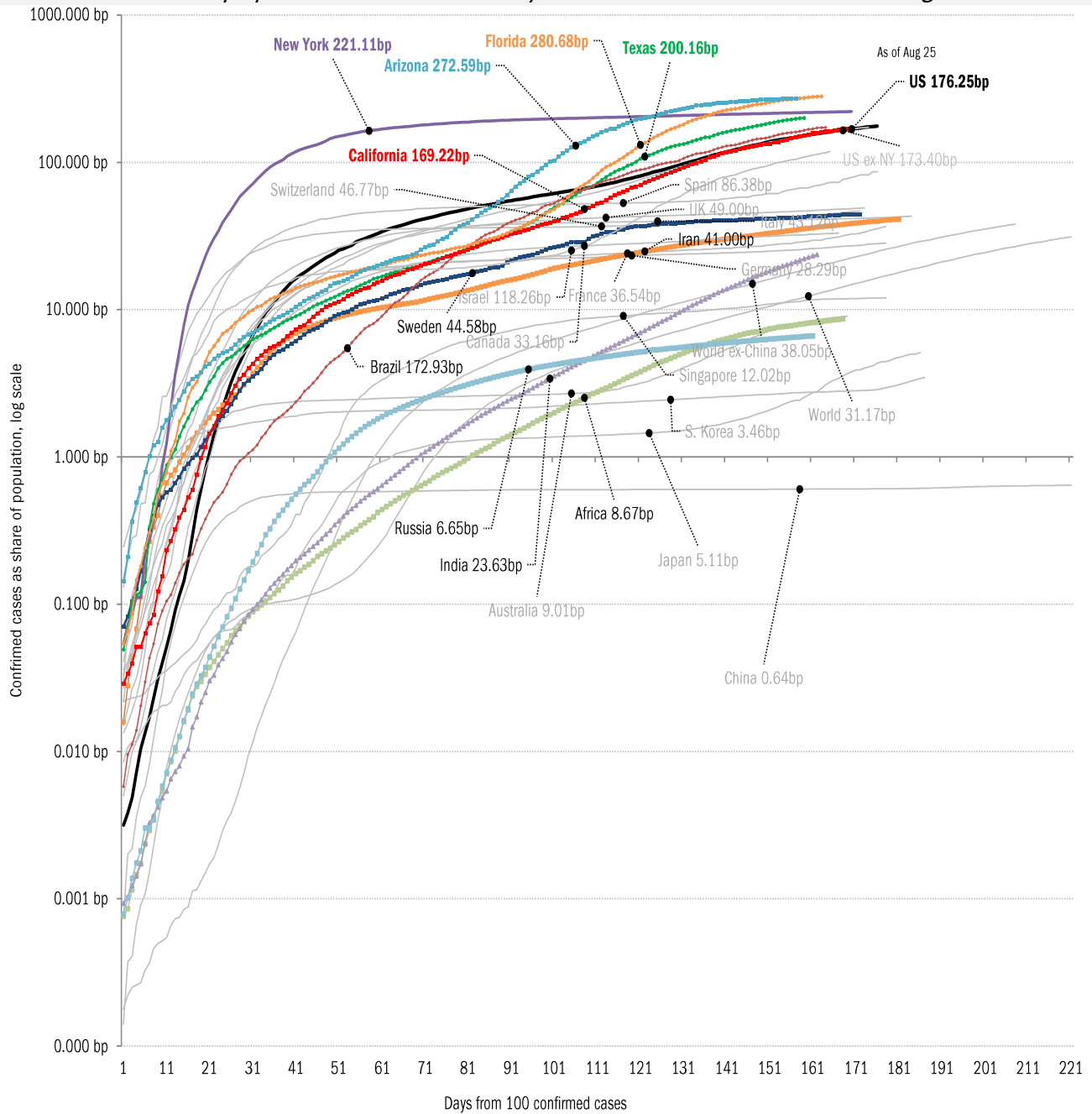
“That’s a load of 2020.”

“What in the 2020?”

“Absa-2020-lutely!”

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

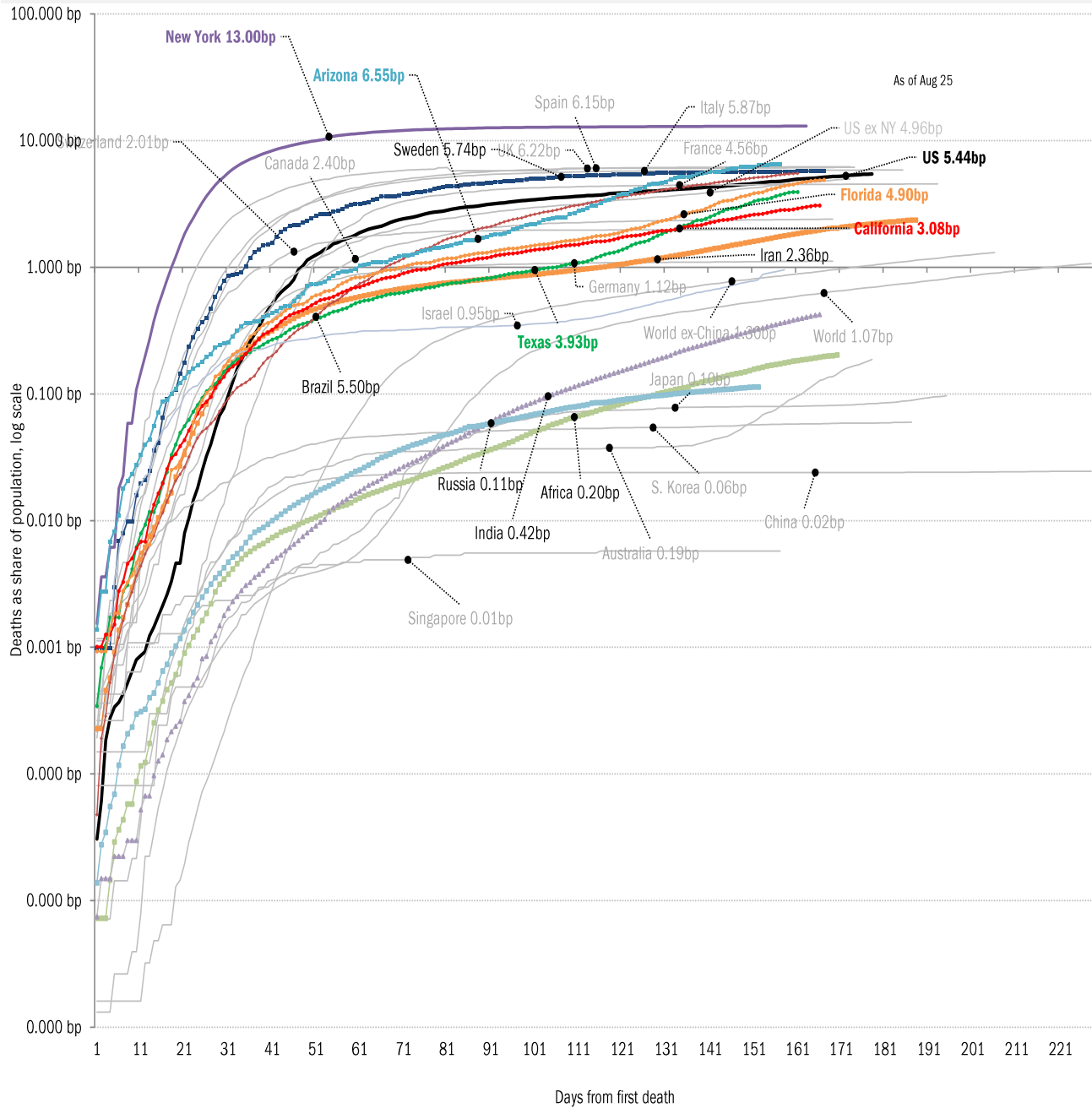
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

## Share of deceased population from day of first fatality

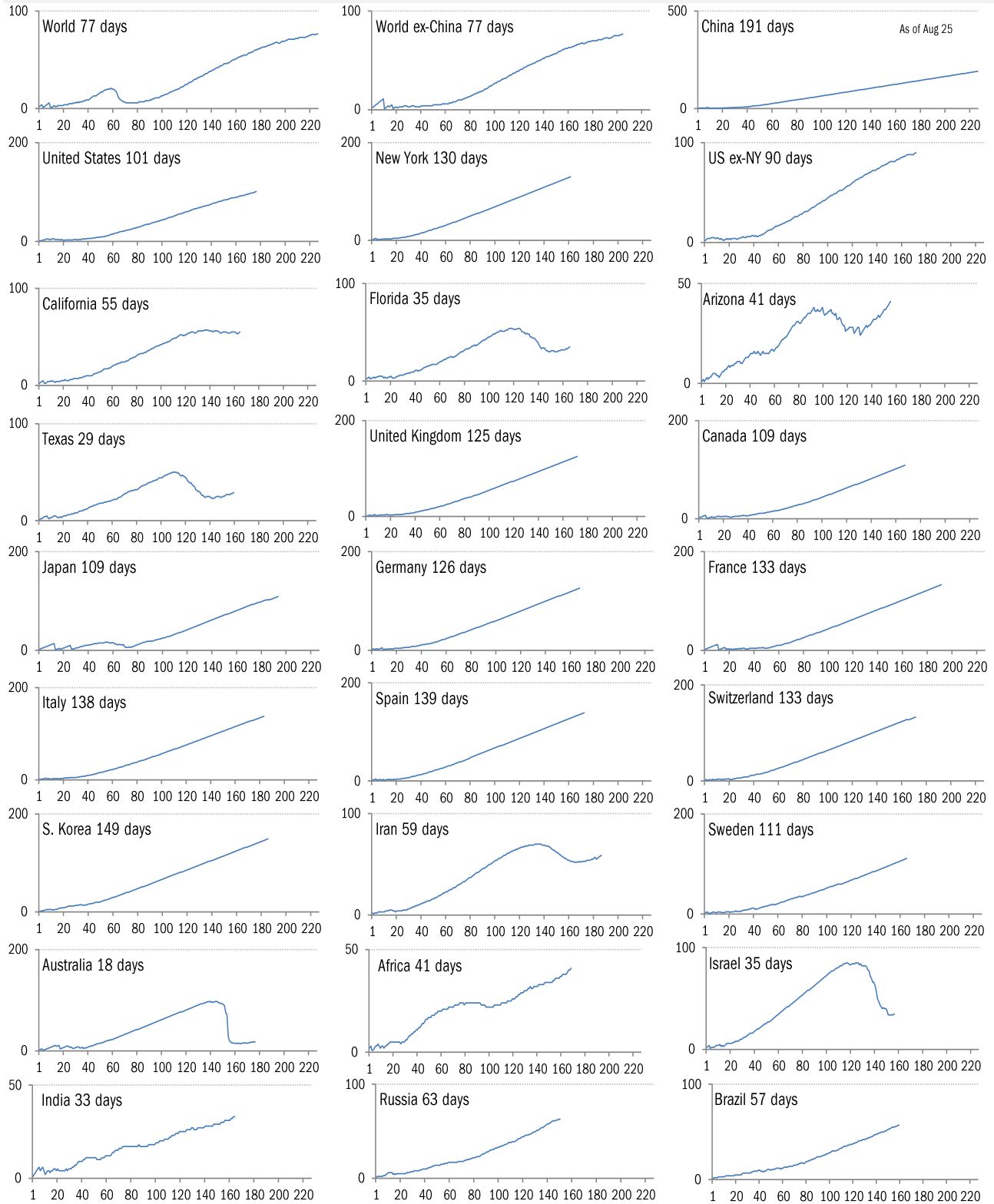


Source: [ECDC](#), TrendMacro calculations

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

Vertical: days to double deaths Horizontal: days from first death

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread

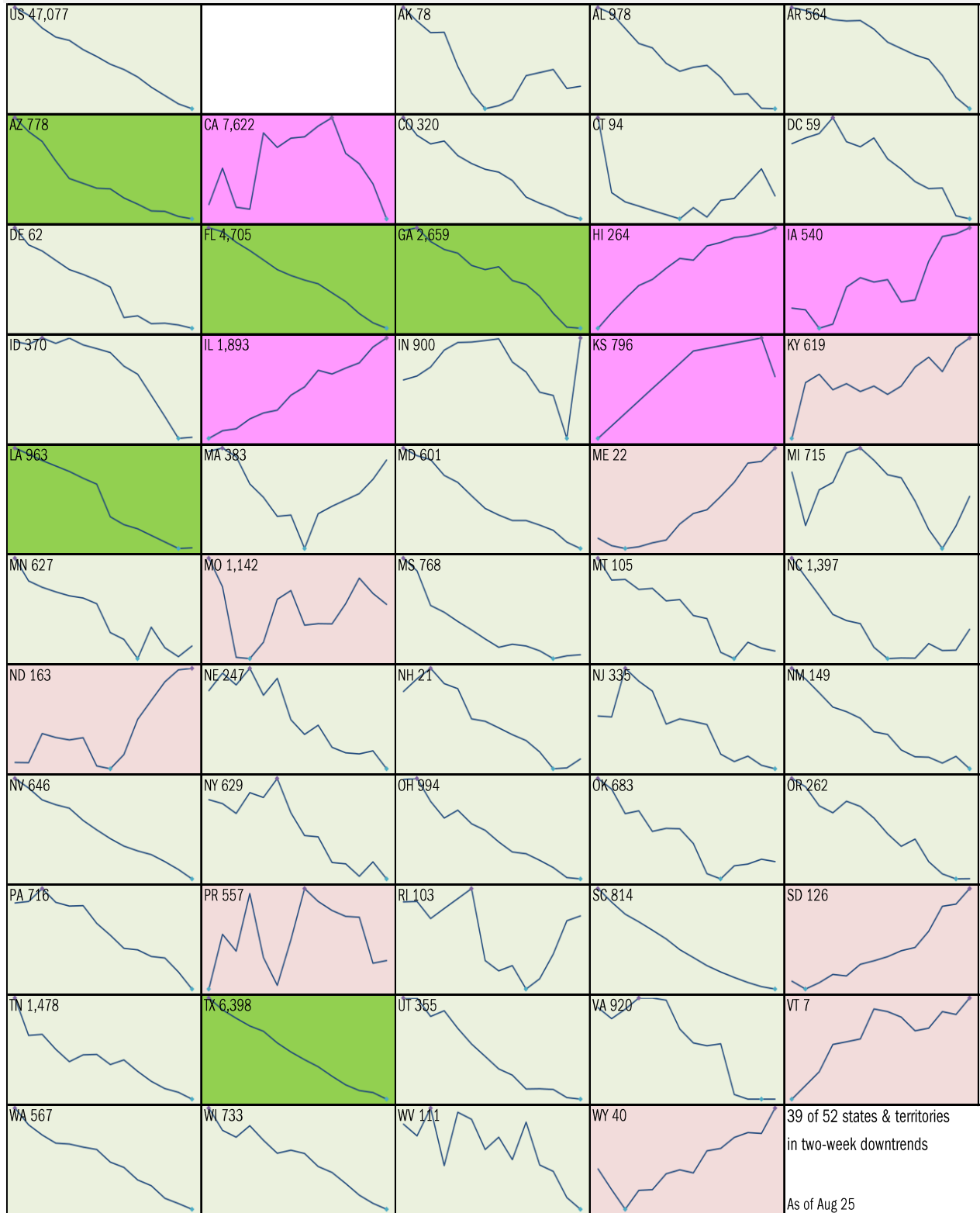


Source: [ECDC](#), TrendMacro calculations

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

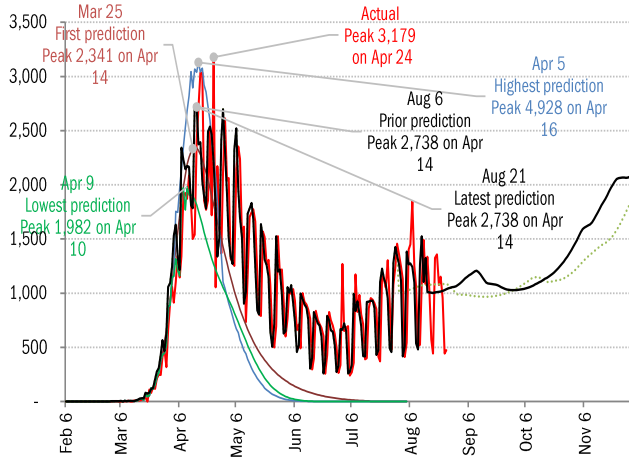


# Reality-checking the models: actuals versus [IHME](#) predictions

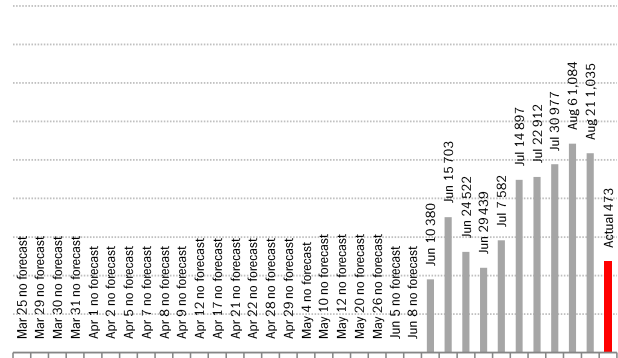
## New daily fatalities

As of Aug 25

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

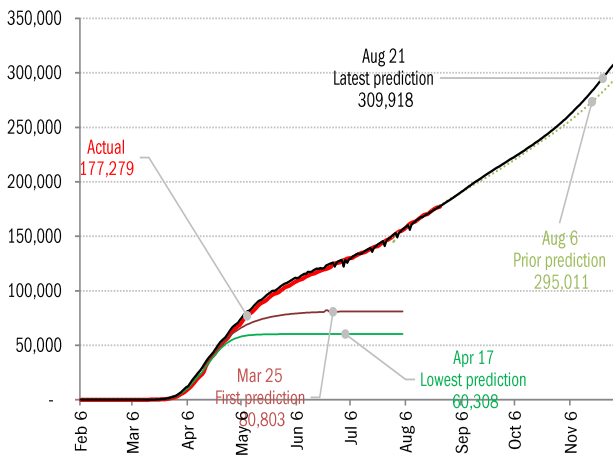


For this day, versus all model mean predictions

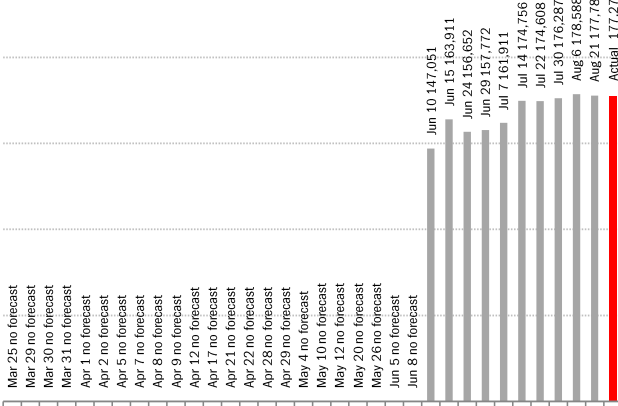


## Cumulative fatalities

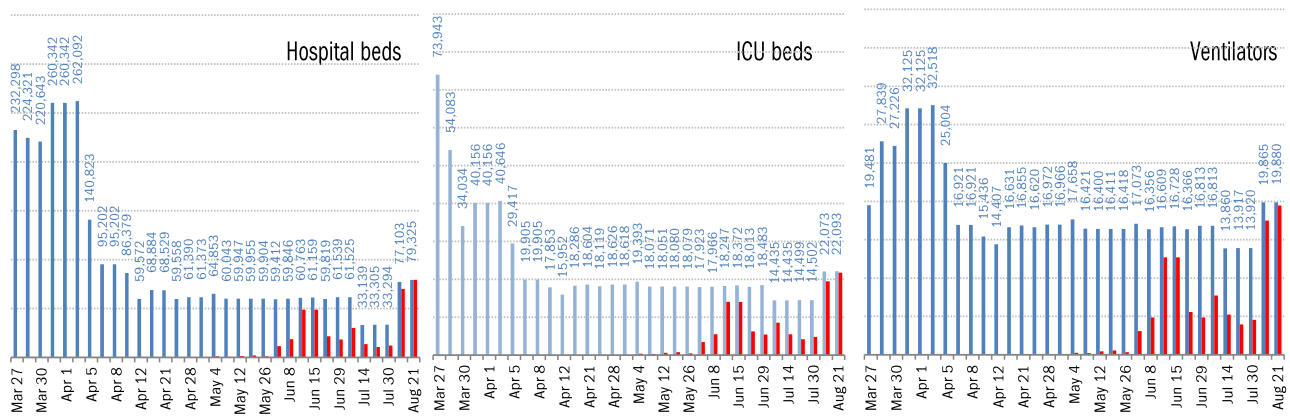
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

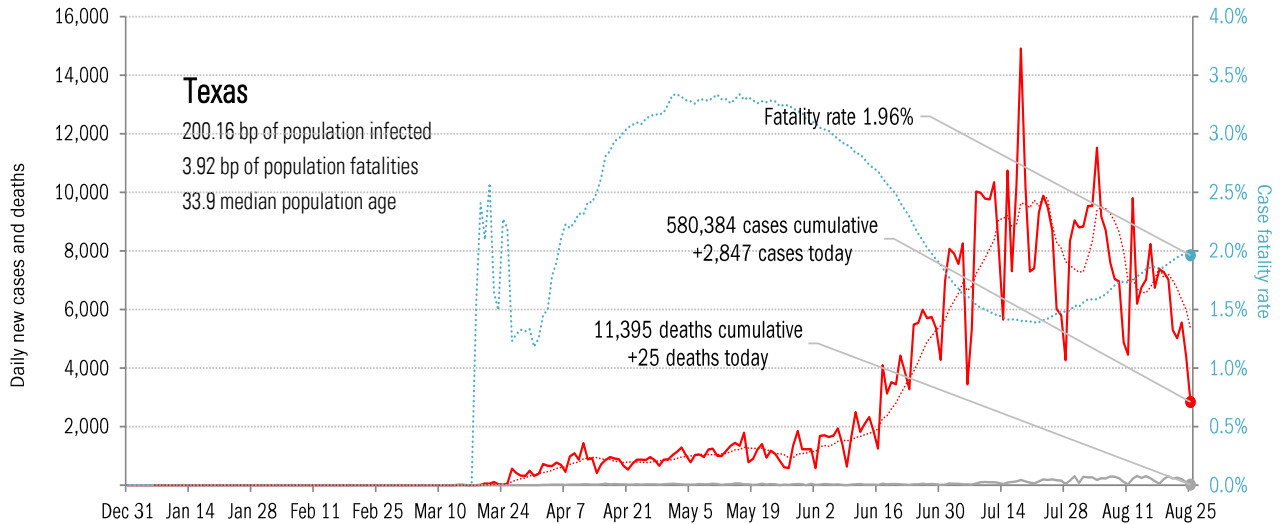
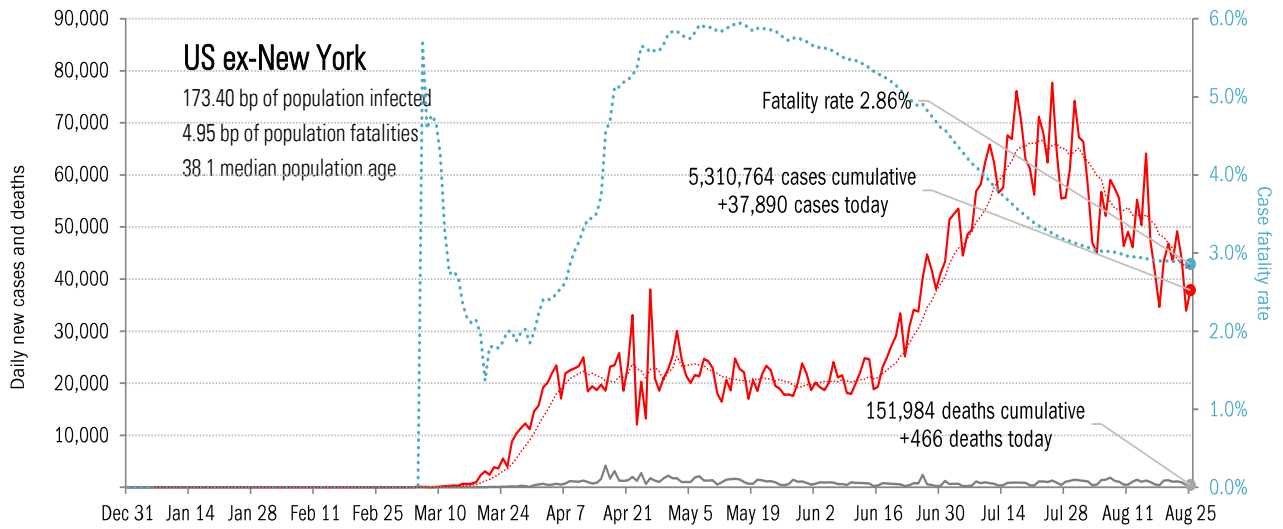
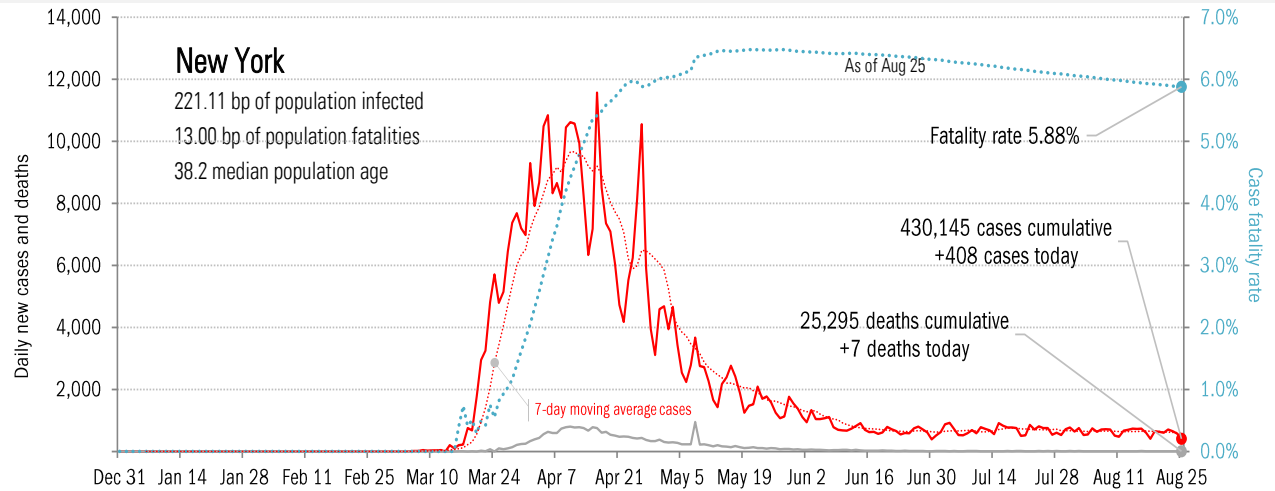


## Healthcare system stress, **peak** and **ultimate** estimated at each model revision



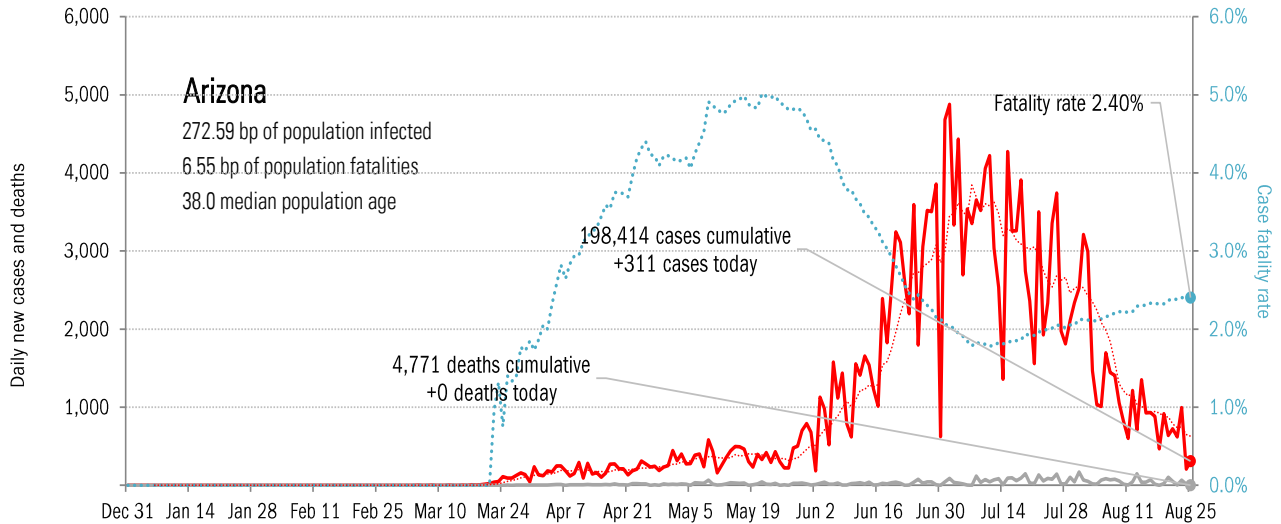
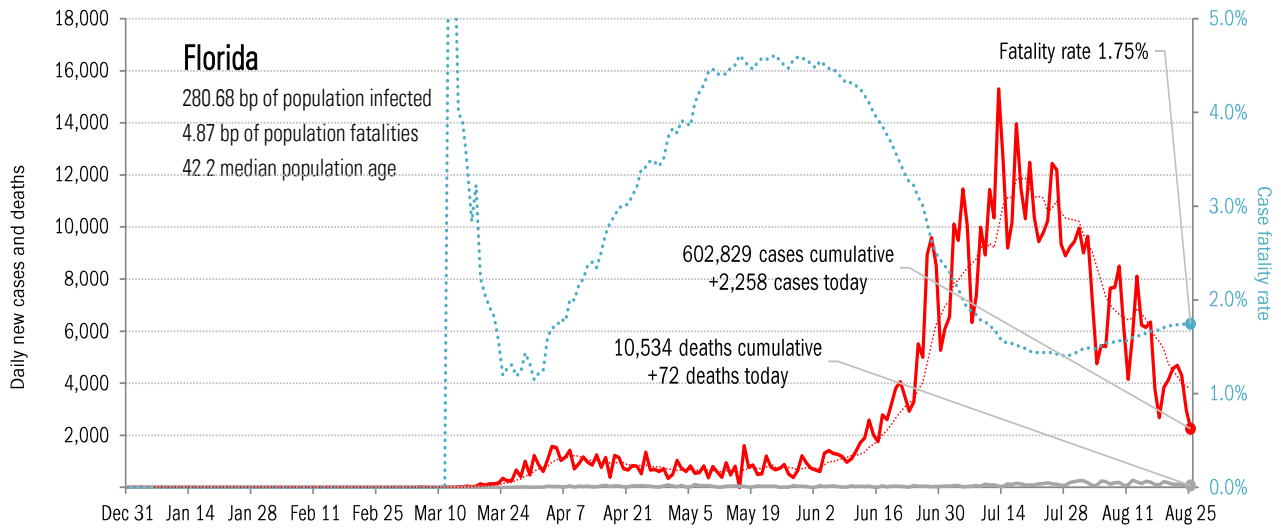
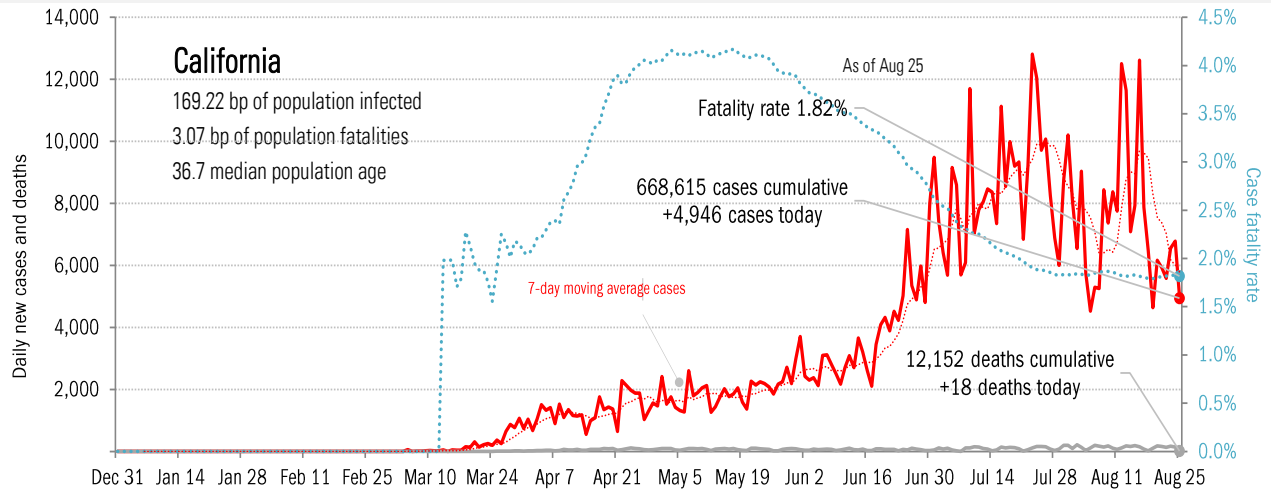
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



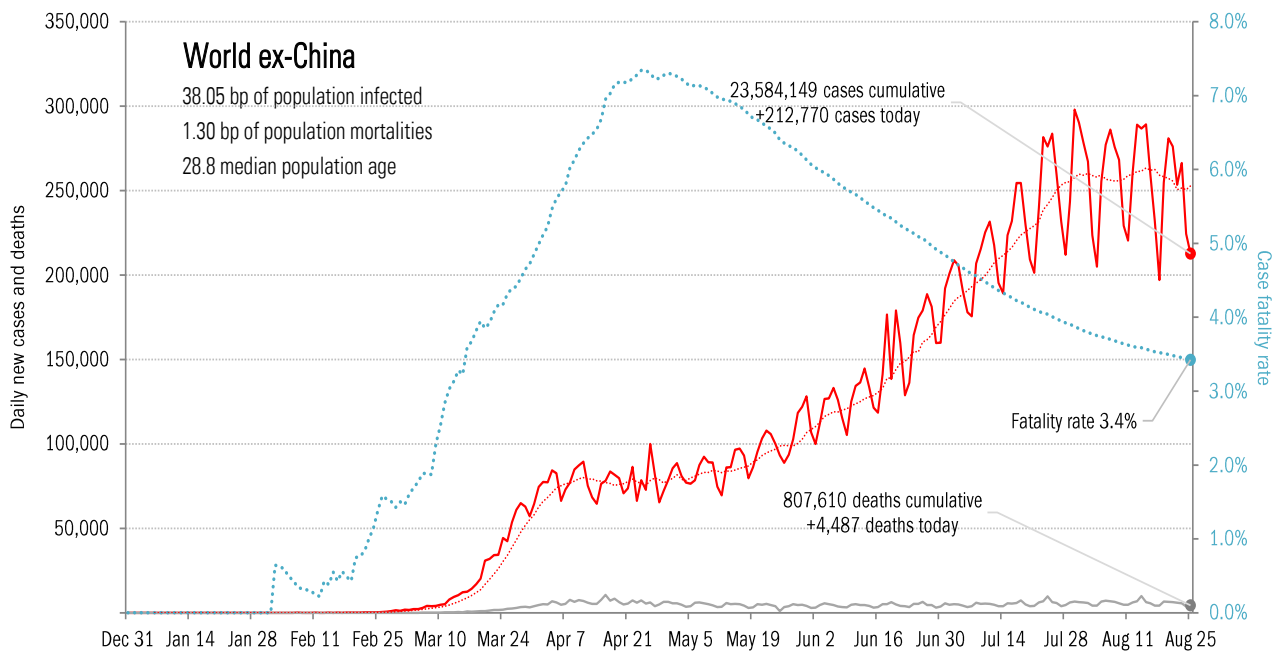
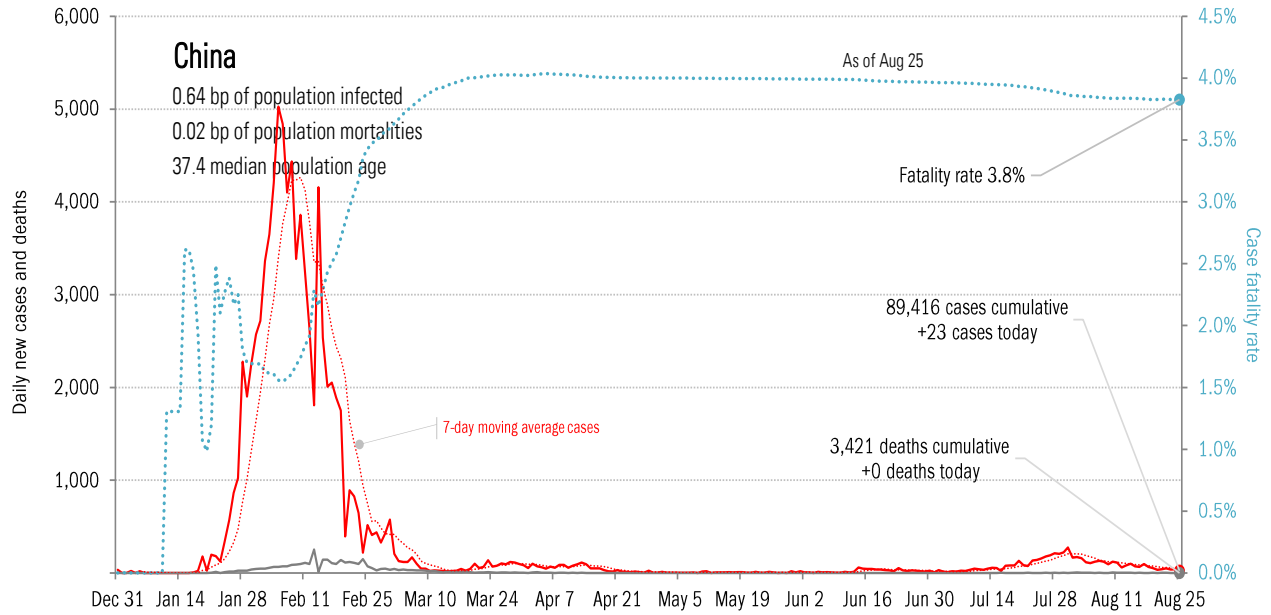
Source: [ECDC](#), TrendMacro calculations

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



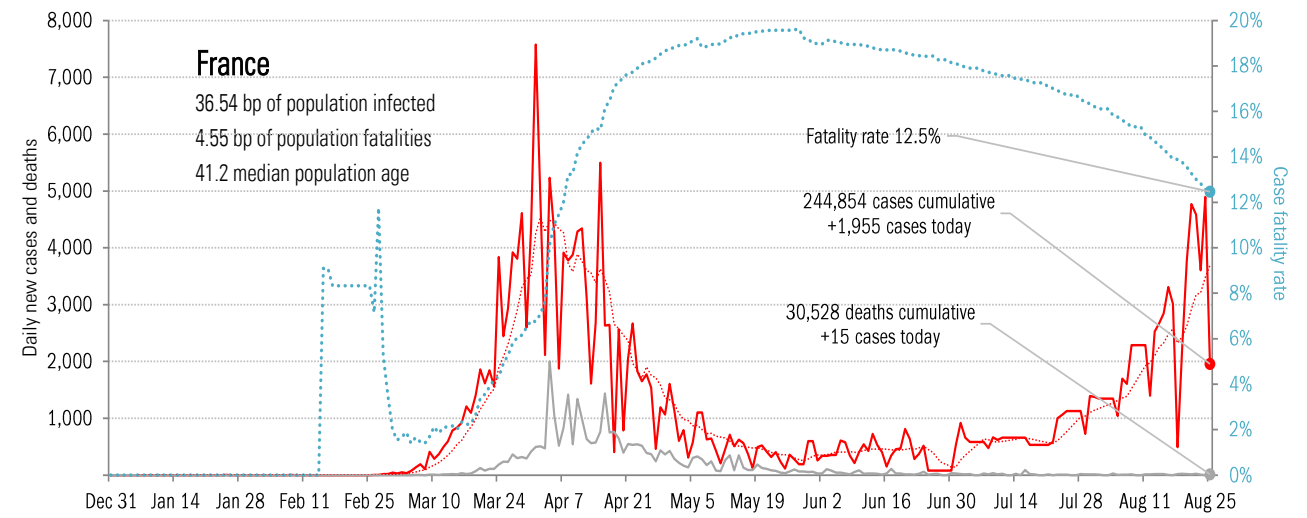
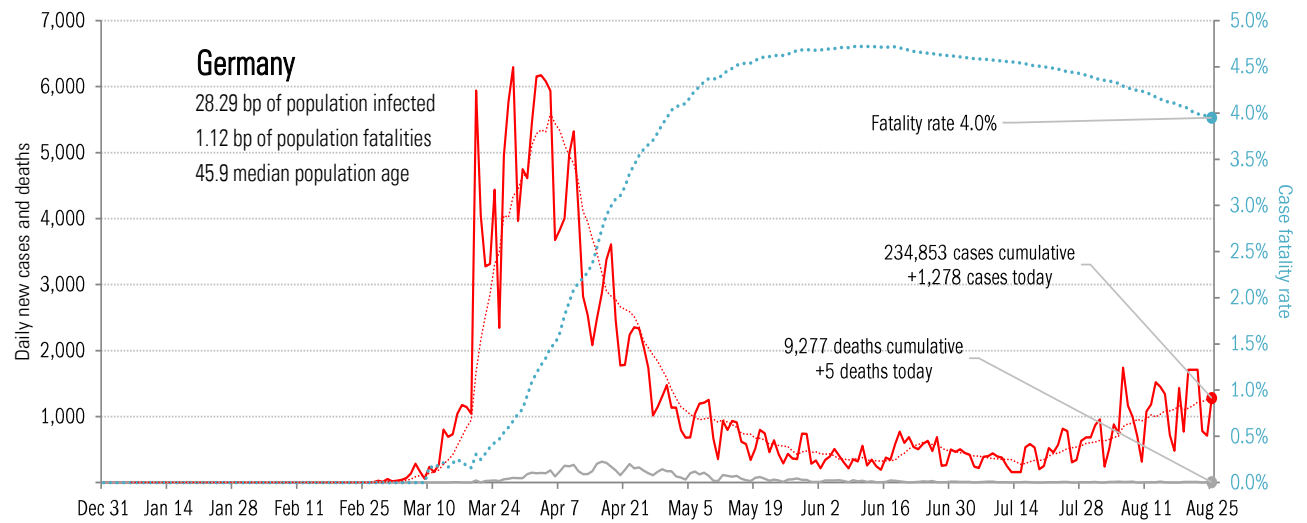
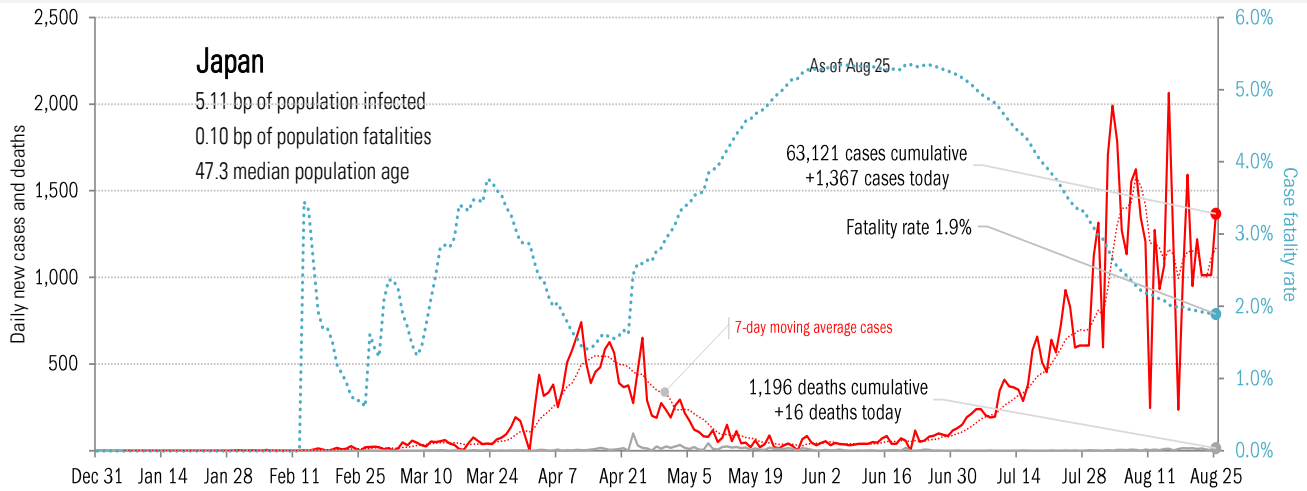
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



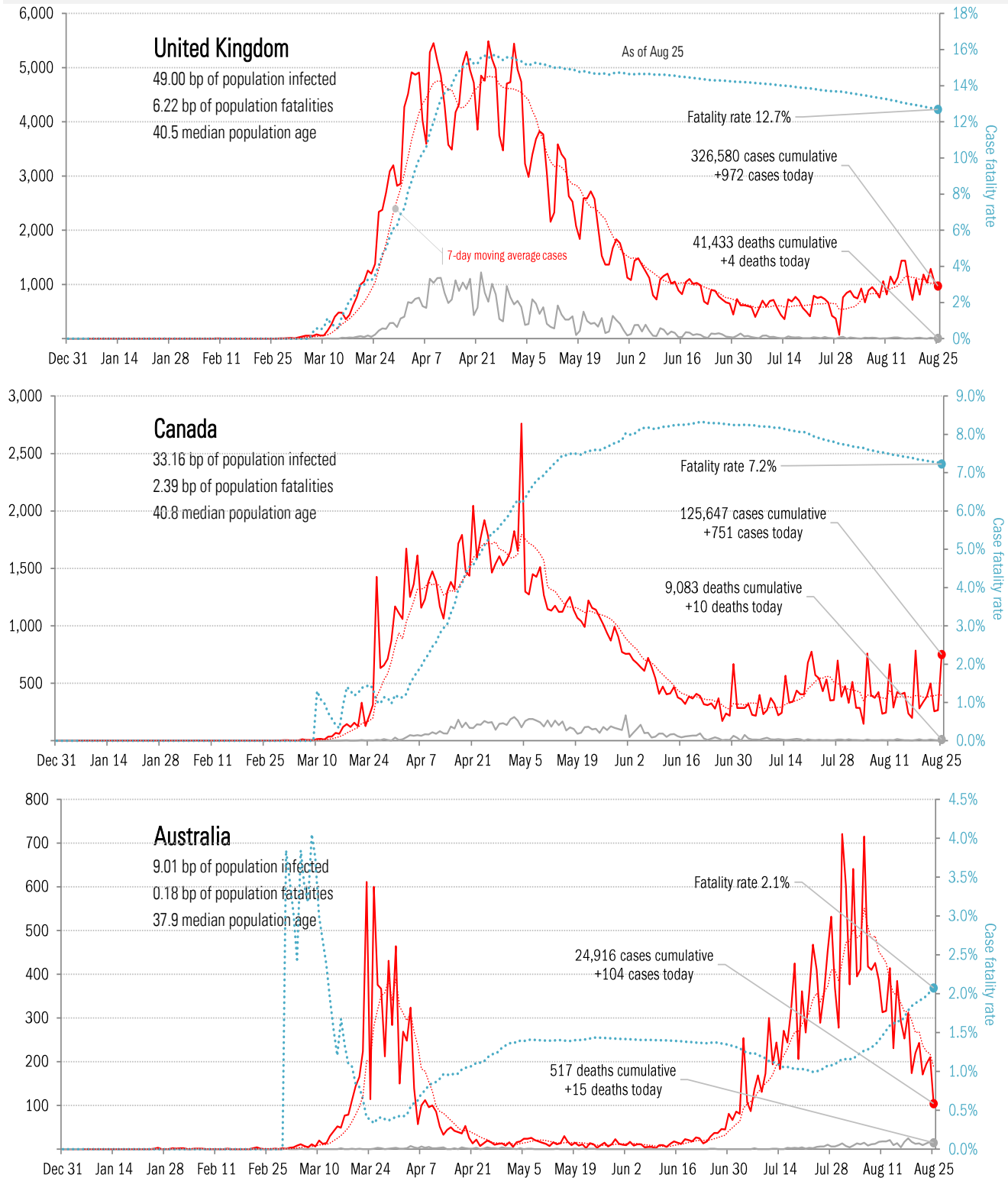
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



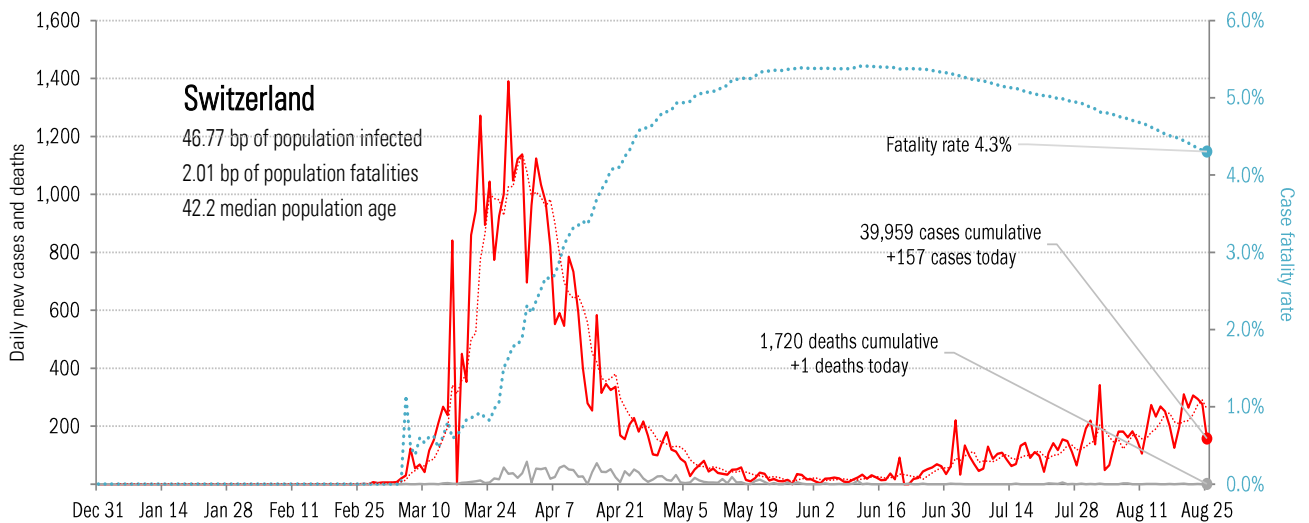
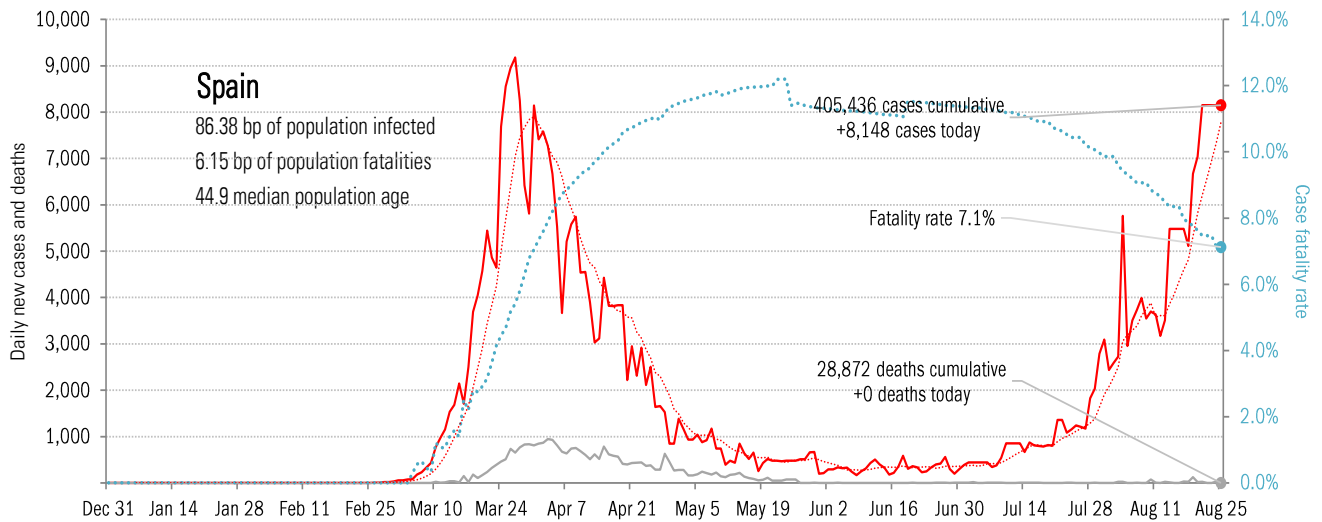
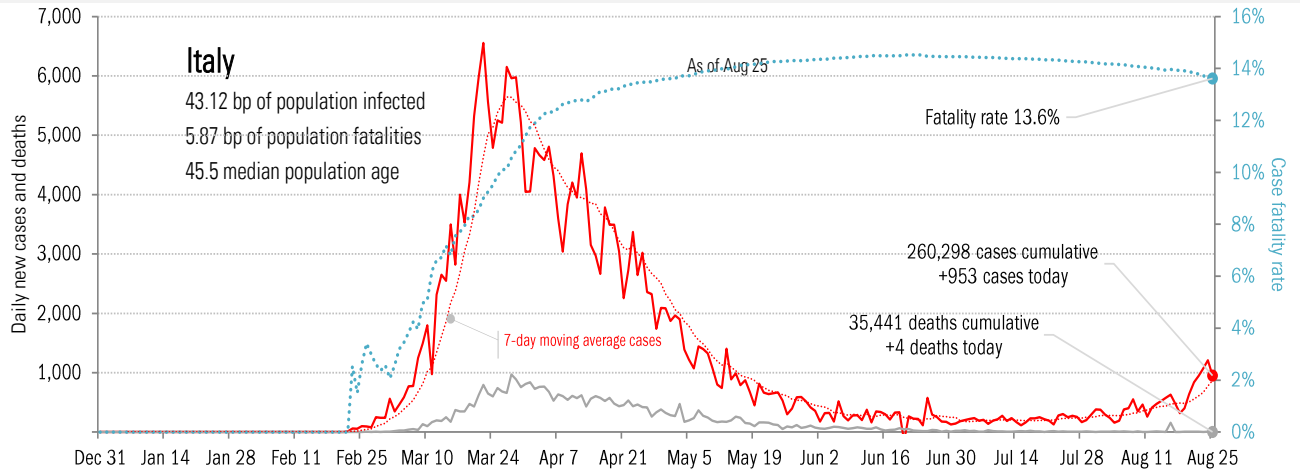
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



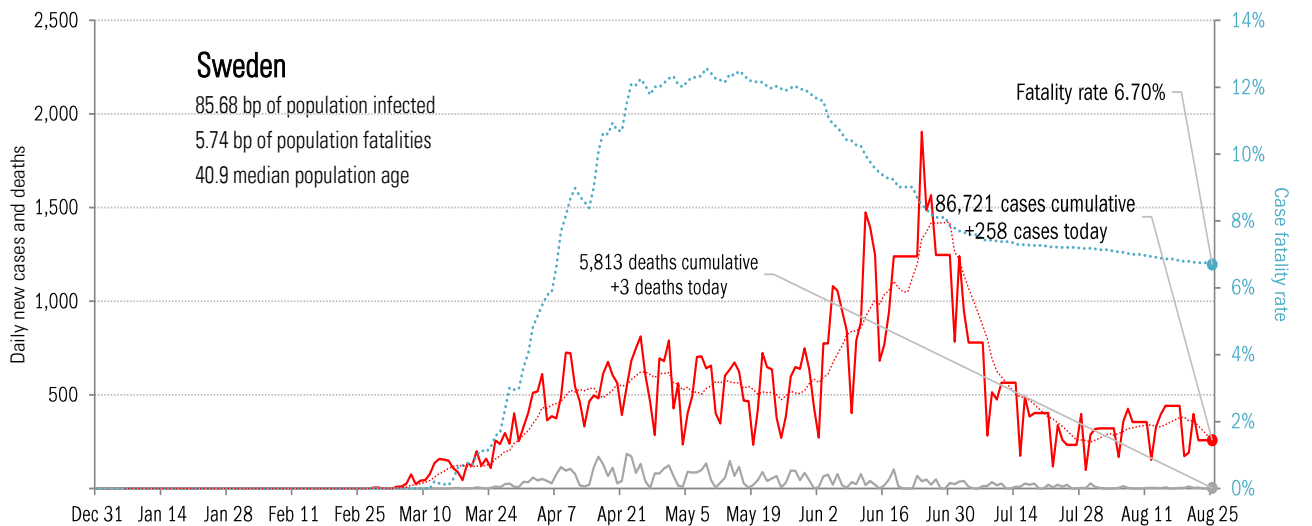
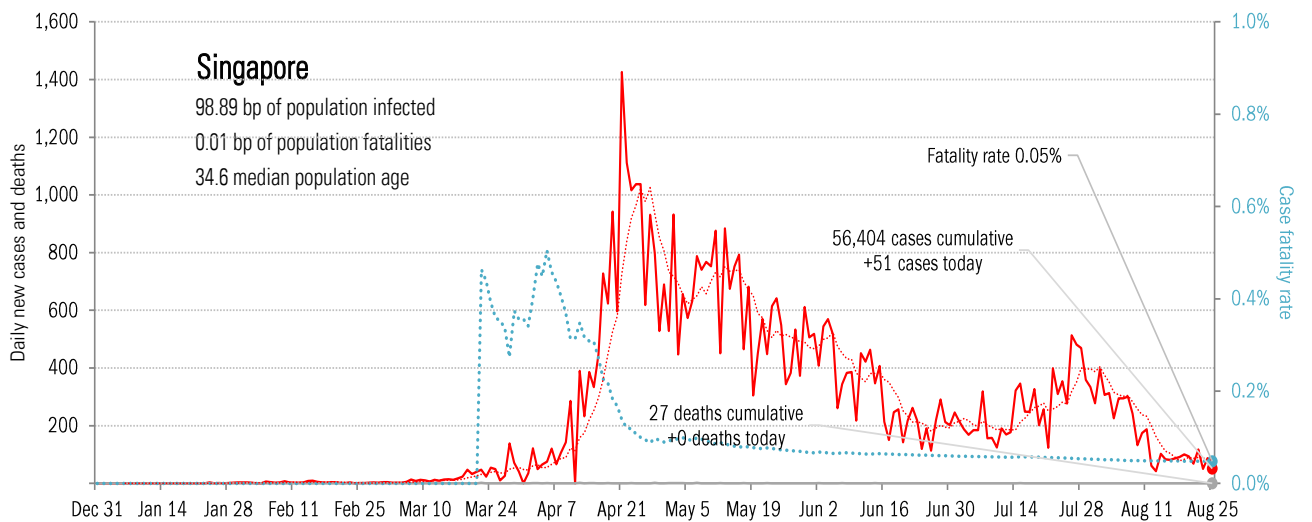
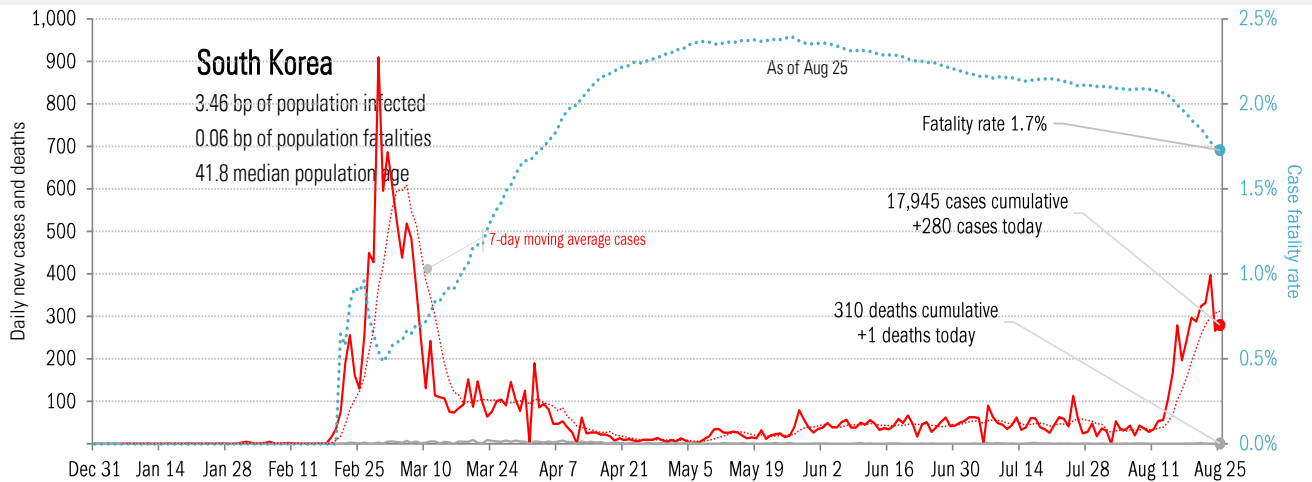
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

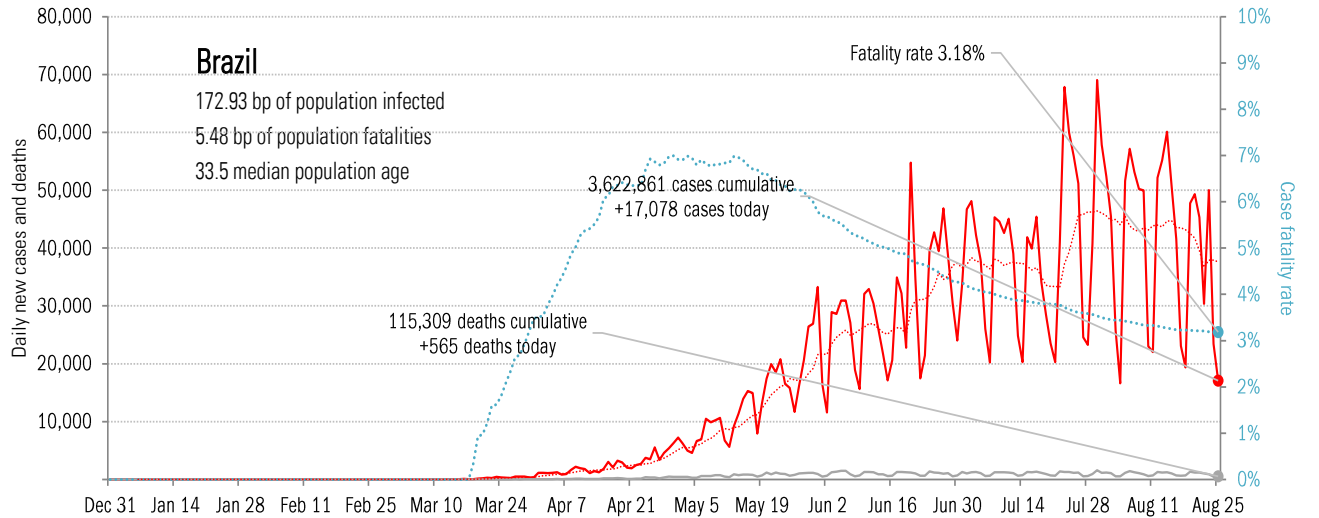
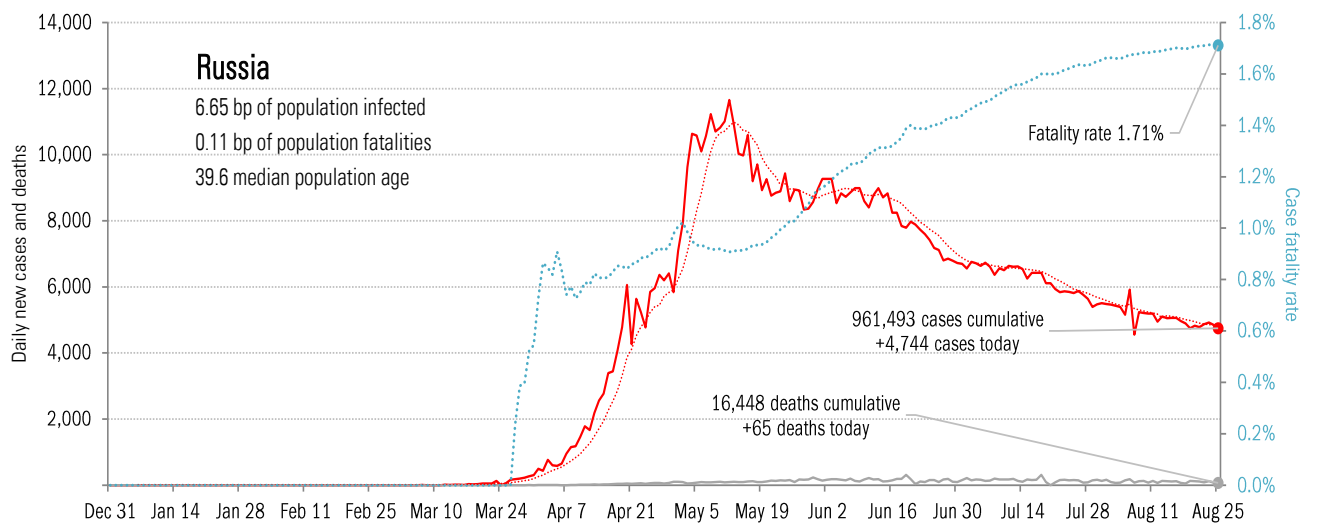
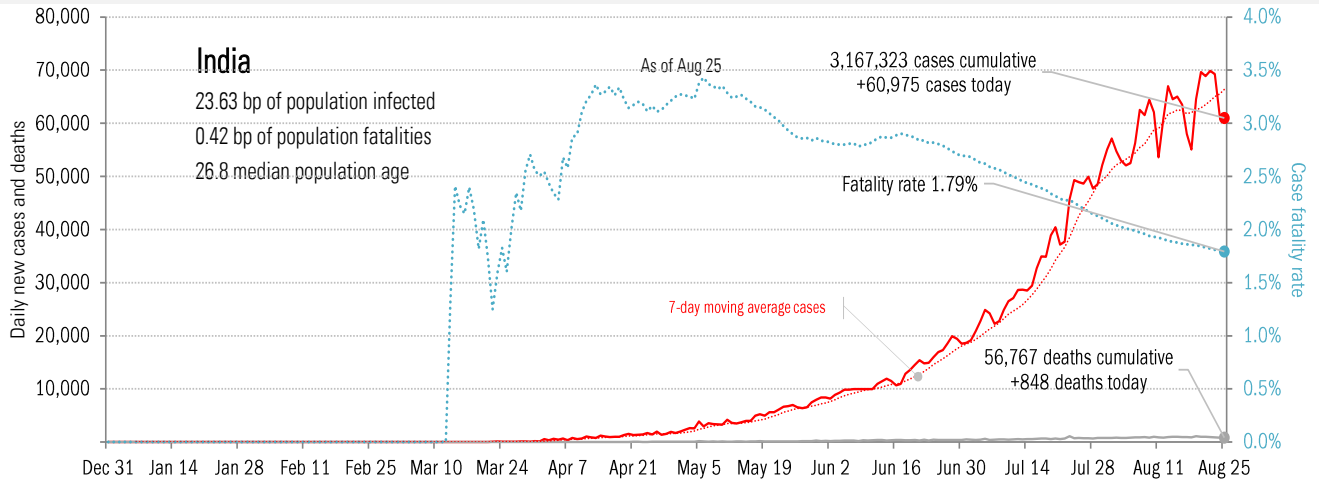
# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

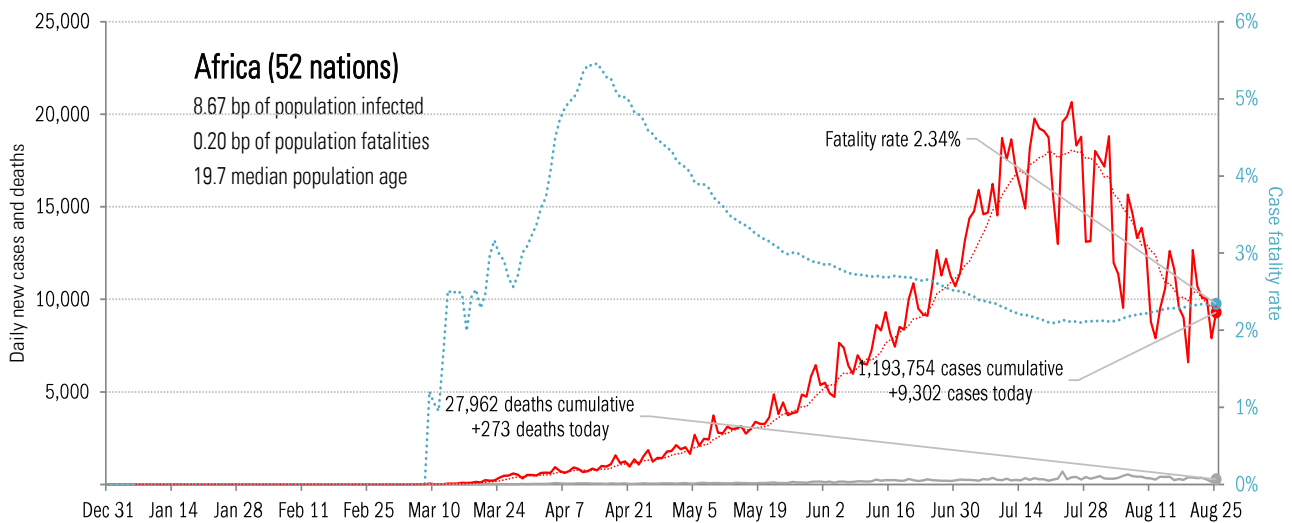
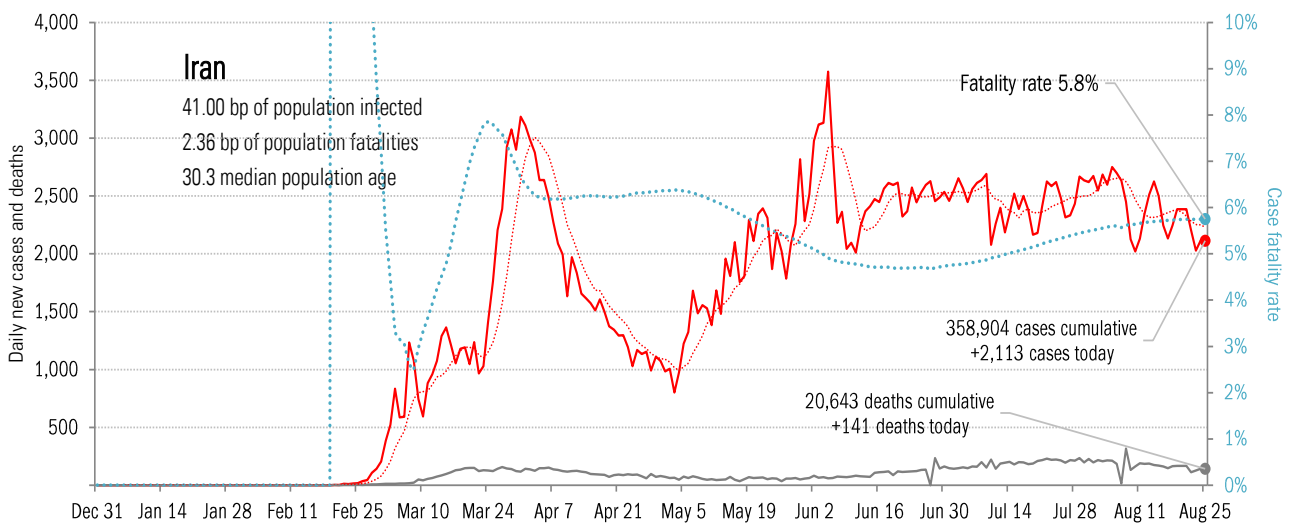
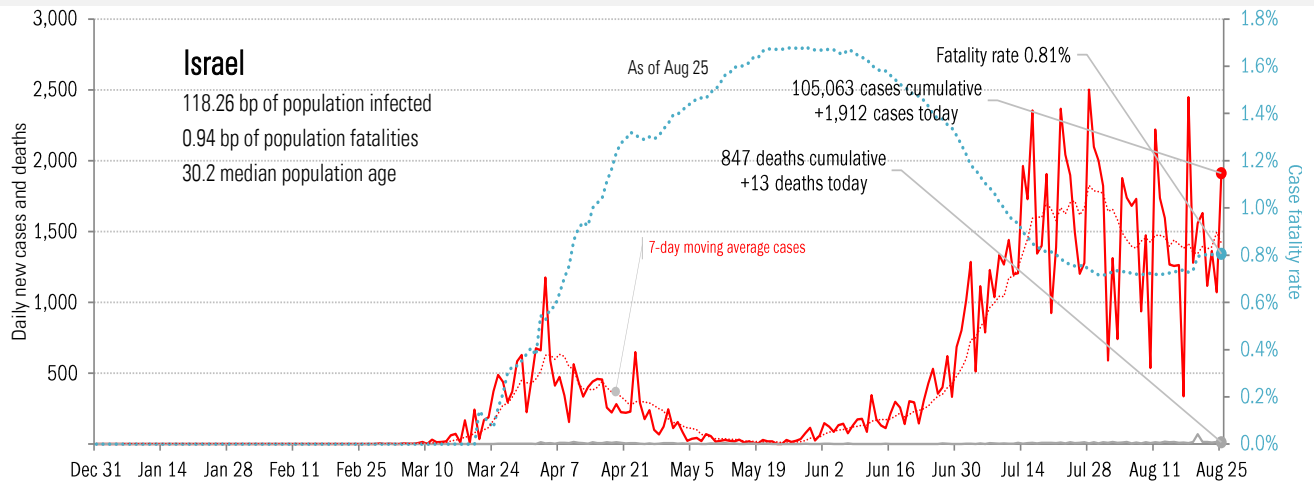


# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations