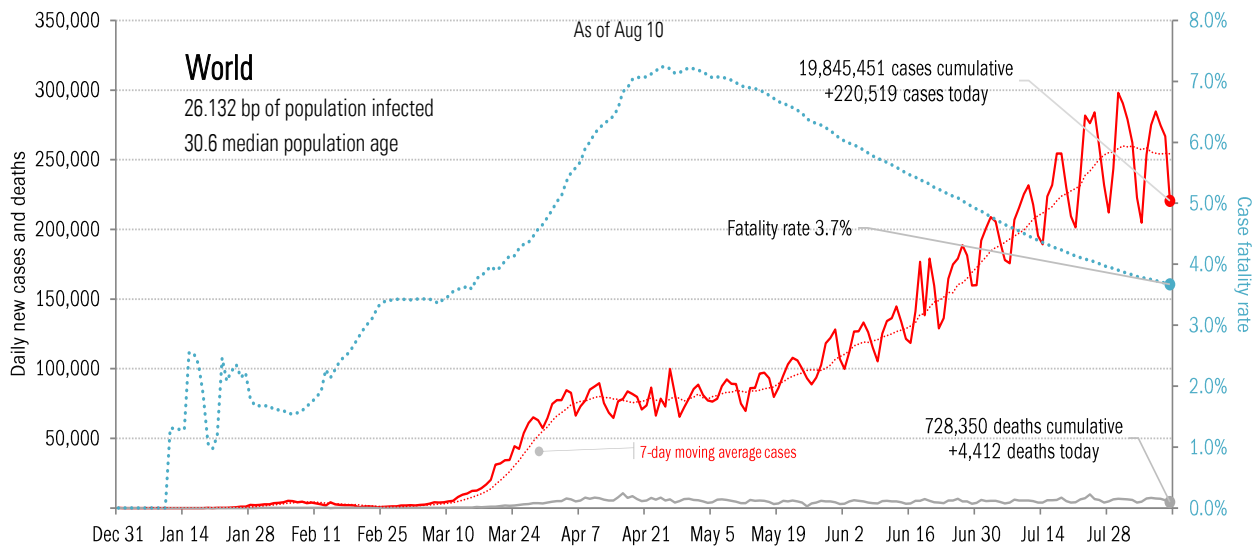
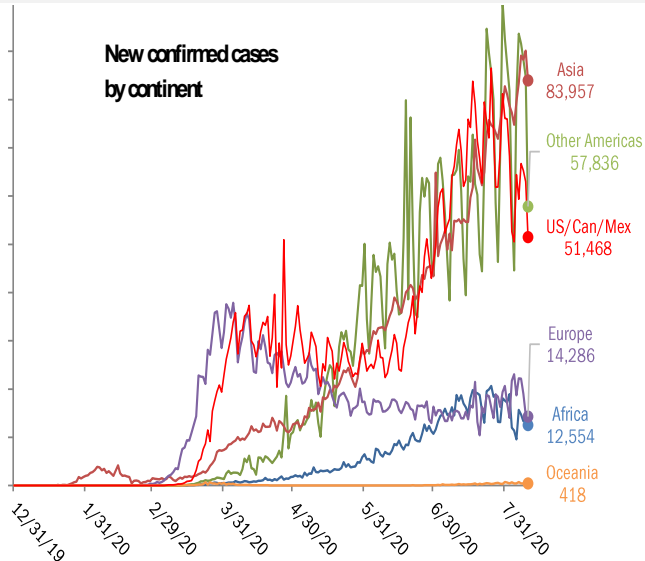


## Data Insights: Covid-2019 Monitor

Monday, August 10, 2020

### The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+62,064	India	+1,007
US	+46,847	Brazil	+572
Brazil	+23,010	US	+513
Colombia	+10,611	Colombia	+302
Peru	+7,012	Mexico	+292
South_Africa	+6,670	Peru	+228
Argentina	+6,134	South_Africa	+198
Russia	+5,189	Iran	+163
Mexico	+4,376	Argentina	+106
Philippines	+3,028	Iraq	+82
<b>+174,941</b>		<b>+3,463</b>	
World	+220,519	World	+4,412
Top ten	79%	Top ten	78%



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

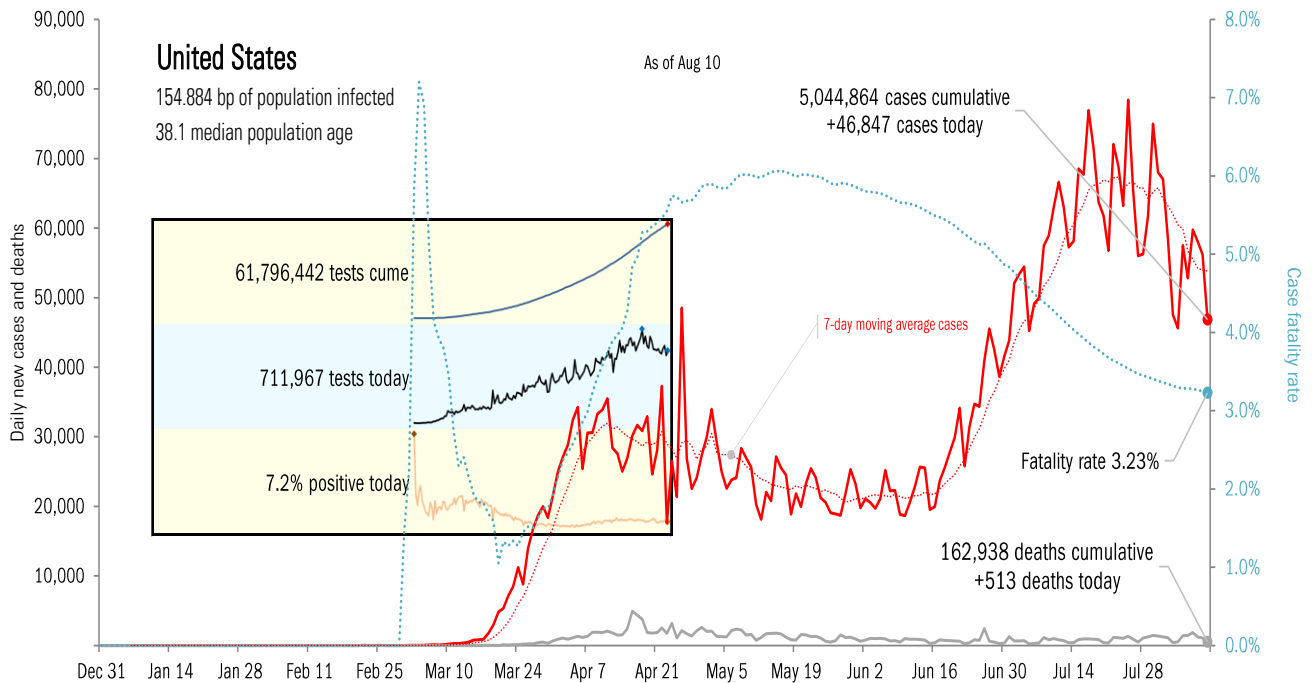
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
CA	+8,373	TX	+116	FL	+254	CA	554,160	NY	25,202	NY	89,995
FL	+6,229	CA	+104	GA	+72	FL	532,806	NJ	15,874	FL	30,893
TX	+4,879	FL	+77	MD	+72	TX	486,362	CA	10,293	NJ	21,992
GA	+3,169	LA	+56	AR	+61	NY	420,860	MA	8,735	GA	20,628
AL	+2,947	AL	+33	MN	+49	GA	216,596	TX	8,459	AZ	19,268
LA	+2,653	SC	+24	CH	+49	IL	195,380	FL	8,315	VA	14,123
TN	+2,127	AR	+23	NJ	+43	AZ	186,923	IL	7,845	MD	13,177
NC	+1,452	MS	+22	TN	+42	NJ	184,773	PA	7,314	MA	12,054
IL	+1,382	WA	+16	AZ	+24	NC	136,218	MI	6,519	CH	11,565
AR	+1,344	MA	+14	VA	+22	LA	131,399	CT	4,441	AL	11,537
<b>+34,555</b>		<b>+485</b>		<b>+688</b>		<b>3,045,477</b>		<b>102,997</b>		<b>245,232</b>	
All states	+51,291	All states	+616	All states	+838	All states	5,018,877	All states	154,520	All states	332,658
Top ten	67%	Top ten	79%	Top ten	82%	Top ten	61%	Top ten	67%	Top ten	74%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
FL	-2,273	TX	-131	FL	-271	TX	+6,502
TX	-2,080	FL	-110	GA	-202	AR	+1,092
GA	-1,254	CA	-74	TN	-30	CH	+1,006
IL	-808	GA	-56	WI	-30	MIN	+800
MS	-683	AZ	-43	MS	-29	UT	+799



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

## Recommended reading

[Remarks by President Trump in Press Briefing](#)

*The White House*

August 8, 2020

[Clinical Course and Molecular Viral Shedding Among Asymptomatic and Symptomatic Patients With SARS-CoV-2 Infection in a Community Treatment Center in the Republic of Korea](#)

Seungjae Lee, et al.

*Journal of the American Medical Association*

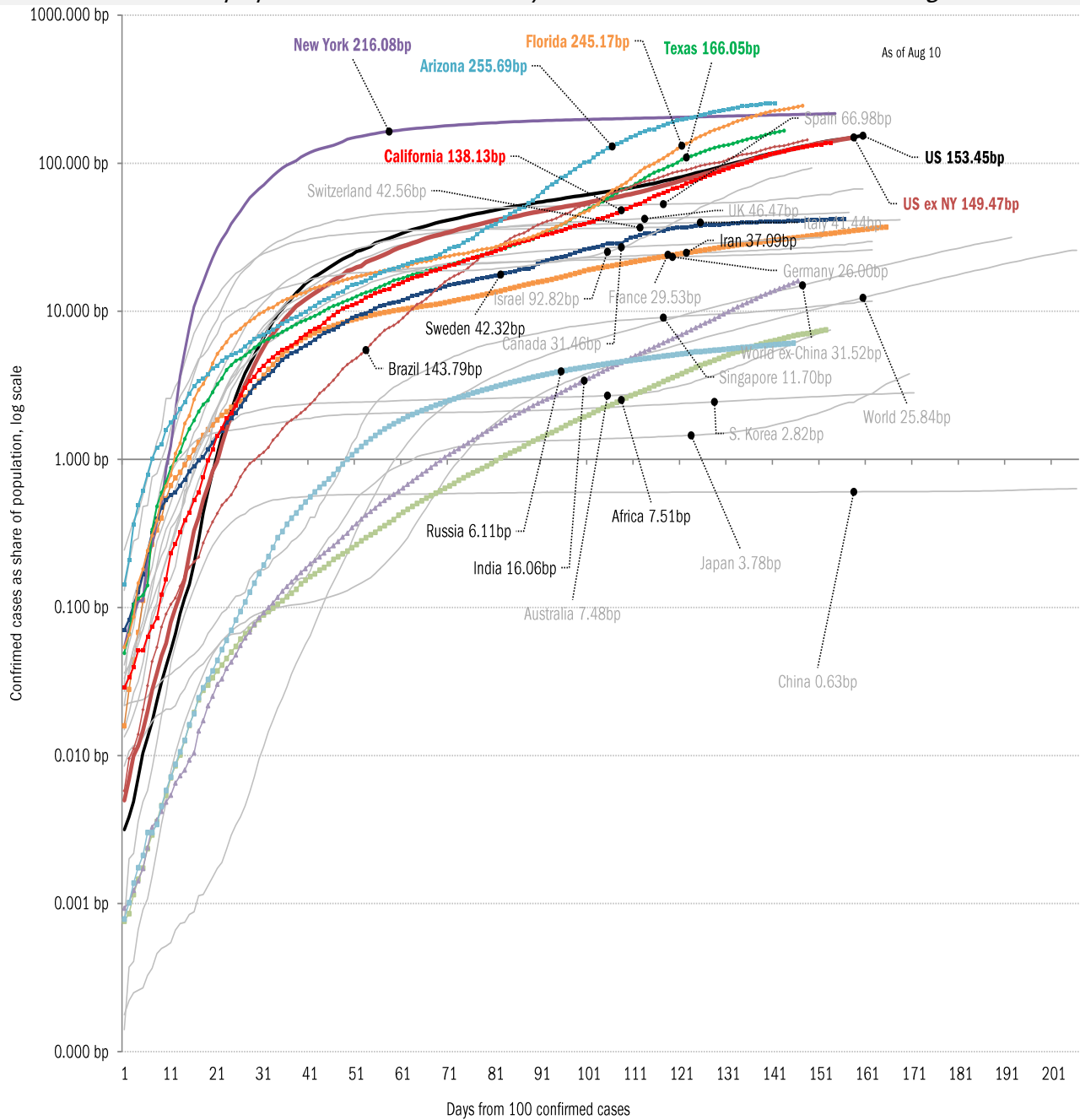
August 6, 2020

## Meme of day



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

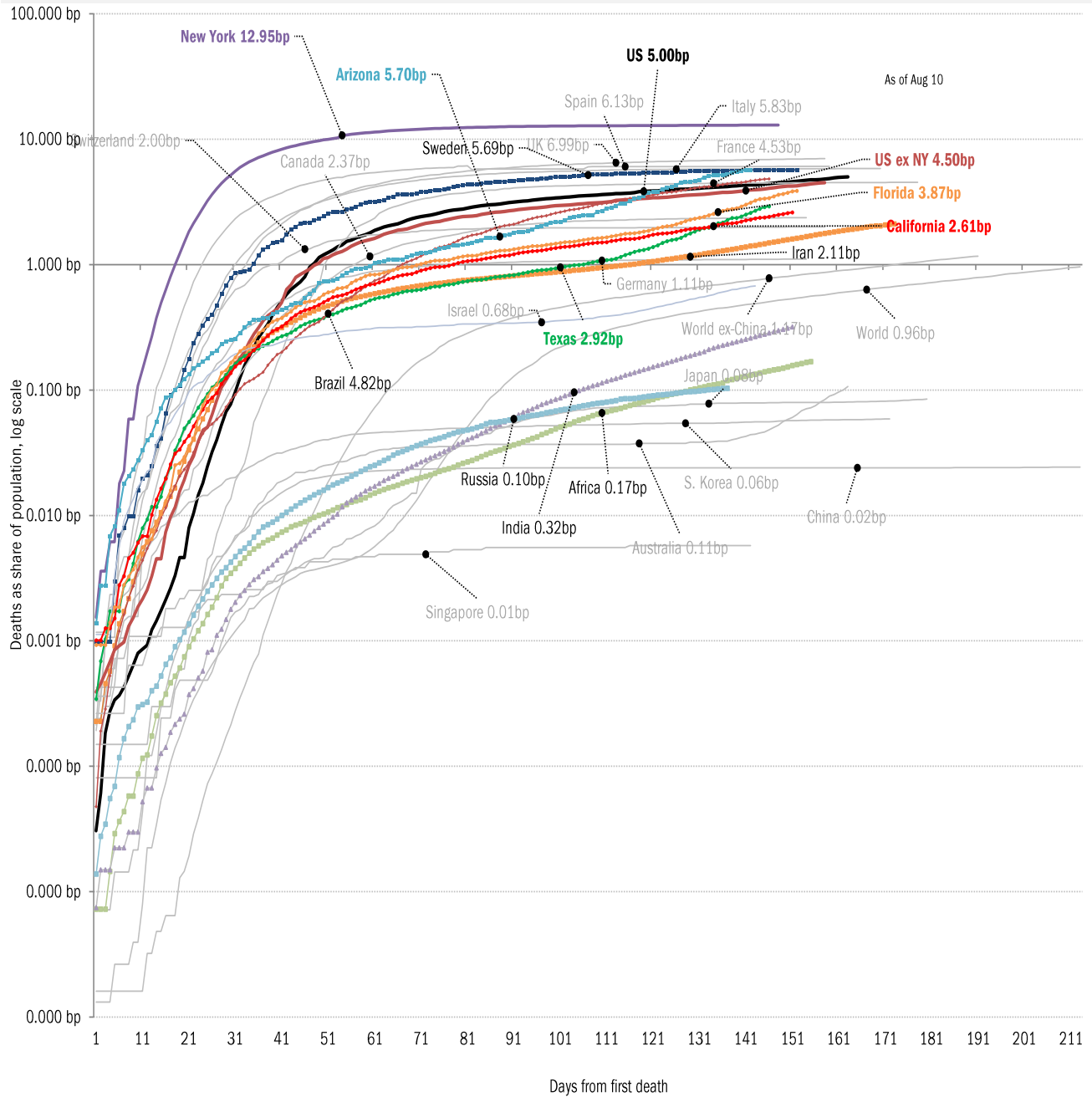
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

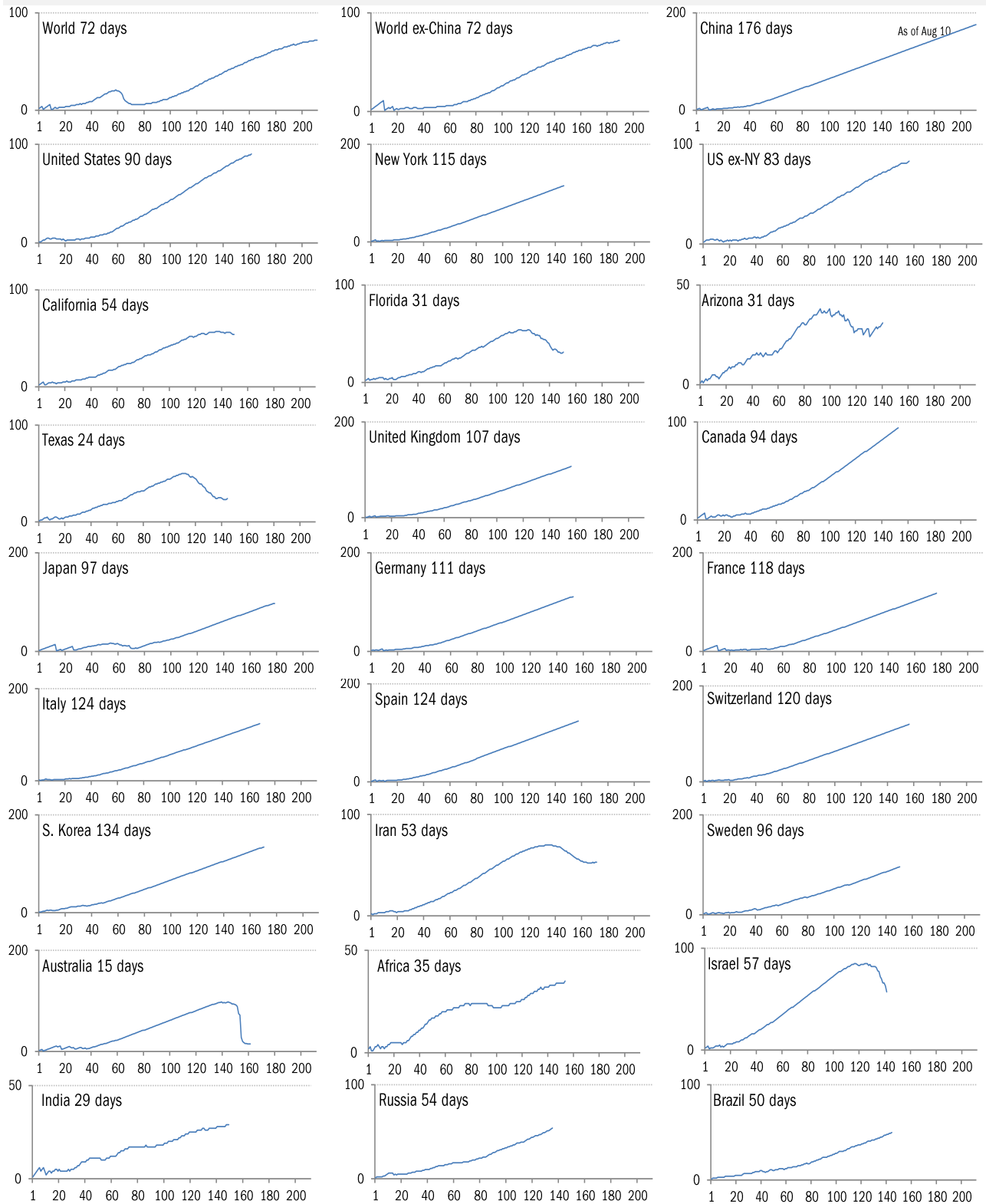
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

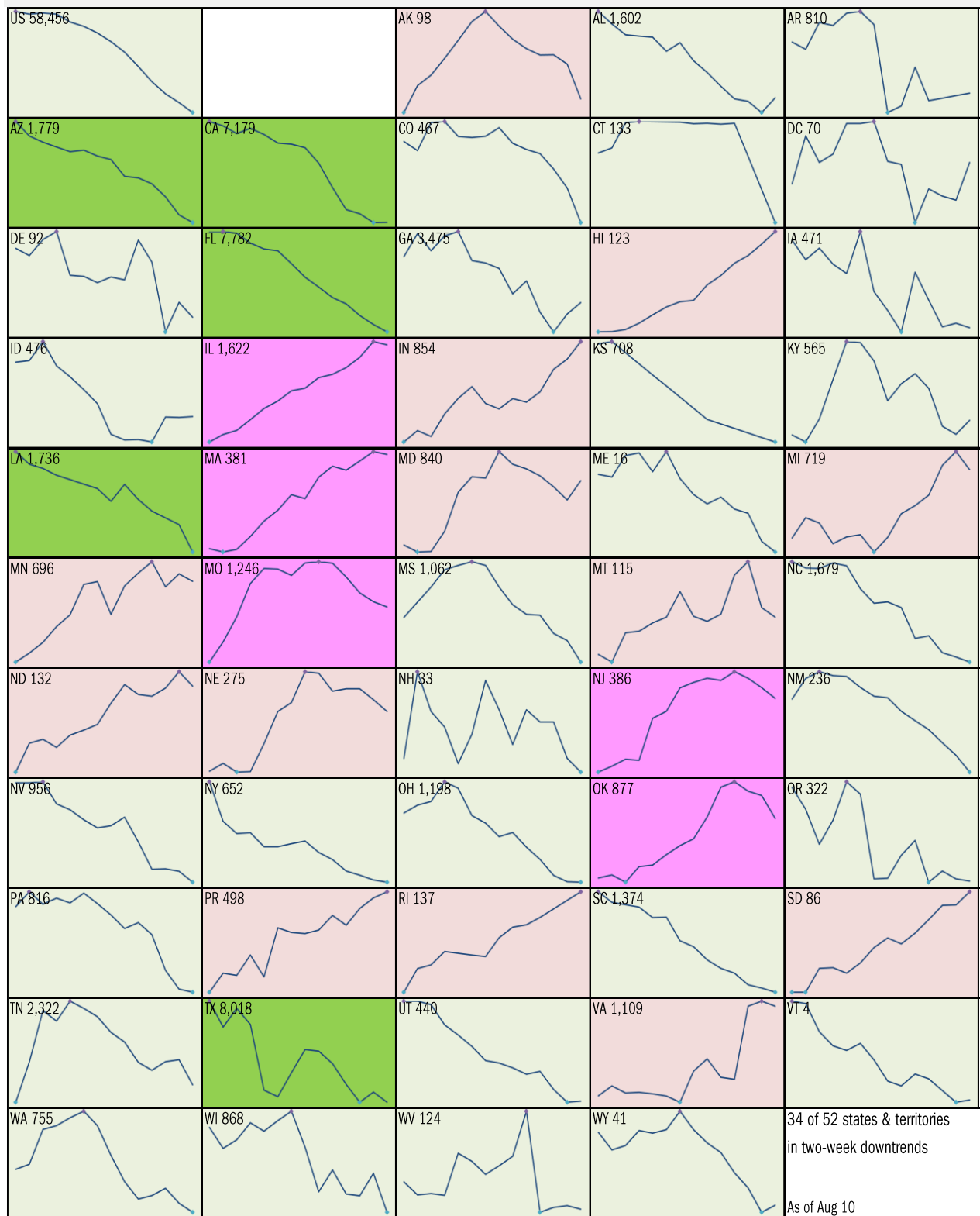
# Our most reliable evidence of slowing exponential growth of Covid-2019

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

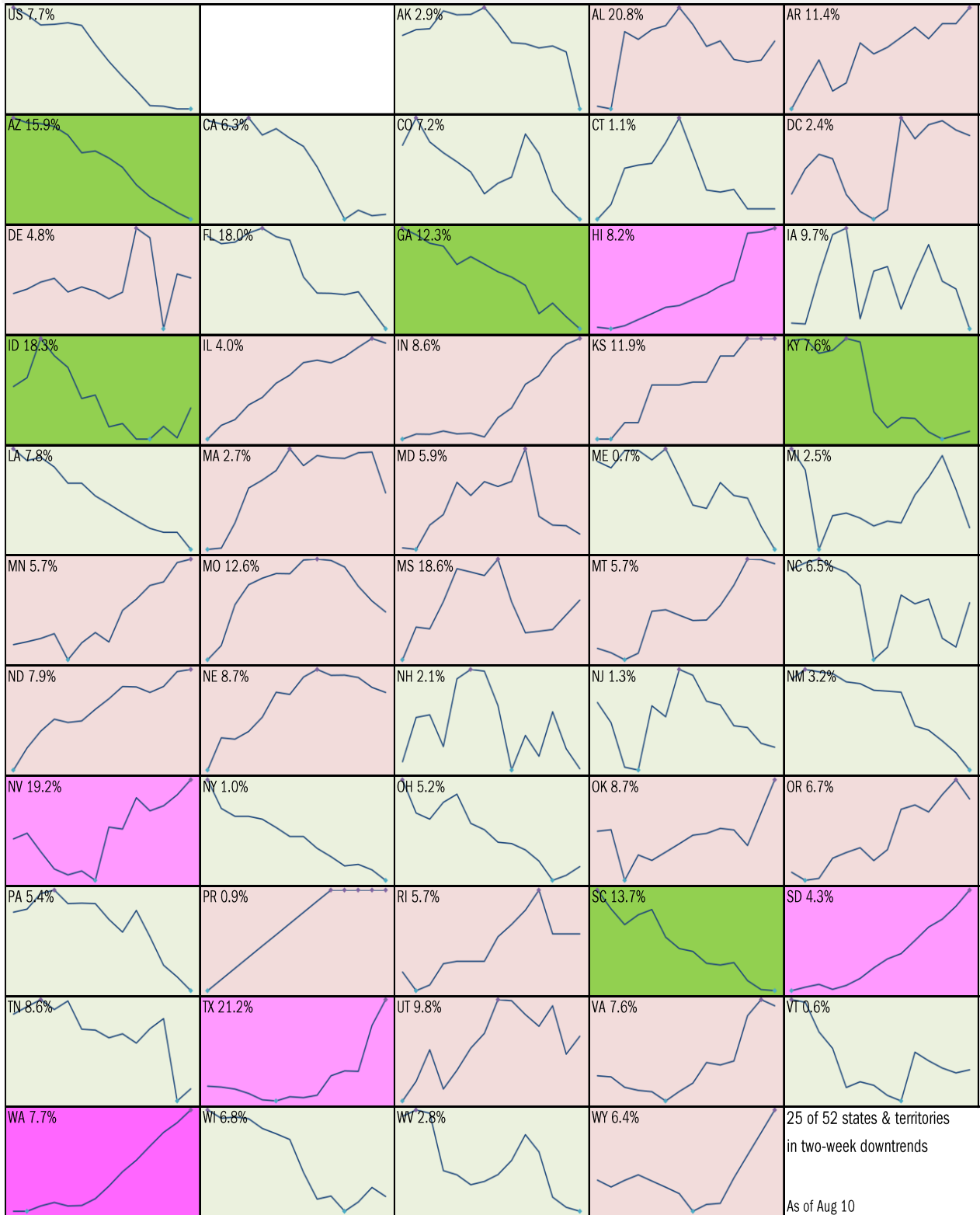


Source: [Covid Tracking Project](#), TrendMacro calculations

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



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

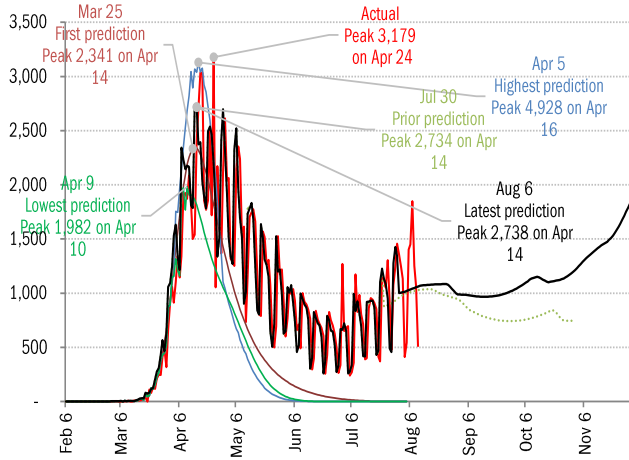


# Reality-checking the models: actuals versus [IHME](#) predictions

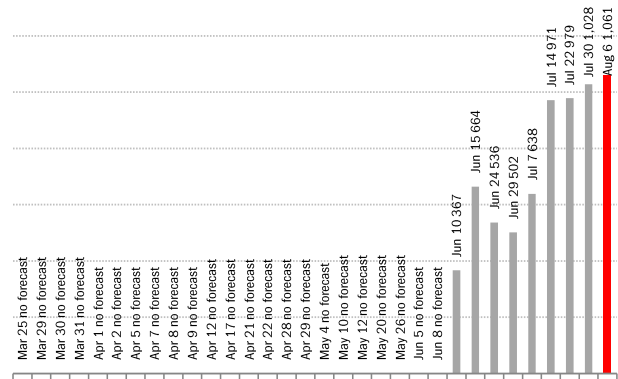
## New daily fatalities

As of Aug 10

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

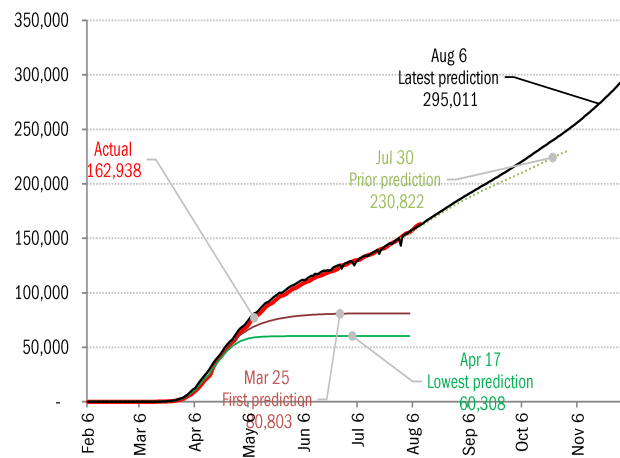


For this day, versus all model mean predictions

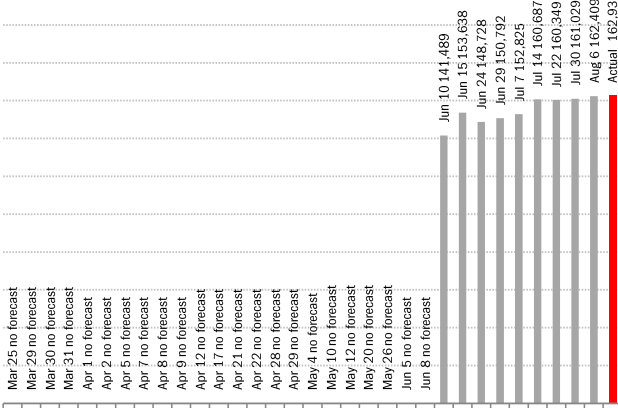


## Cumulative fatalities

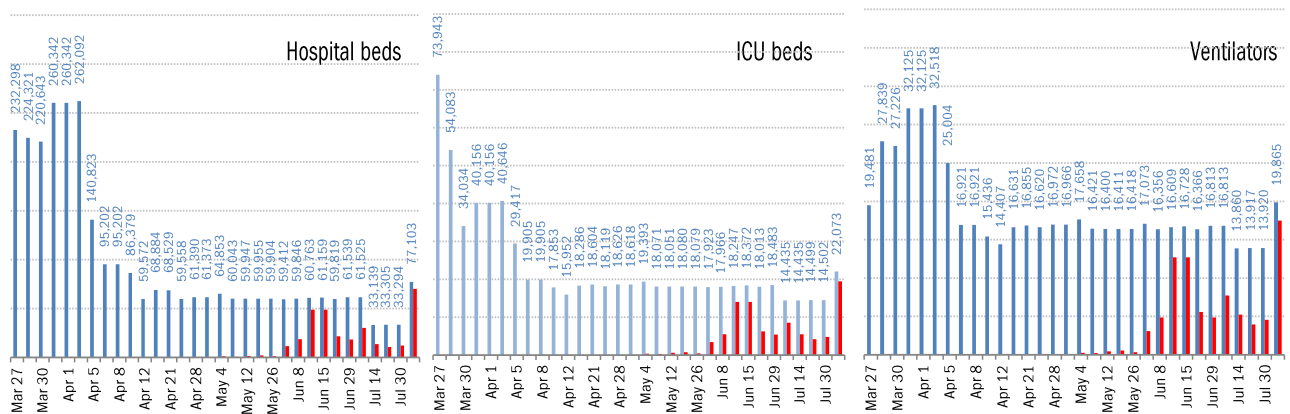
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

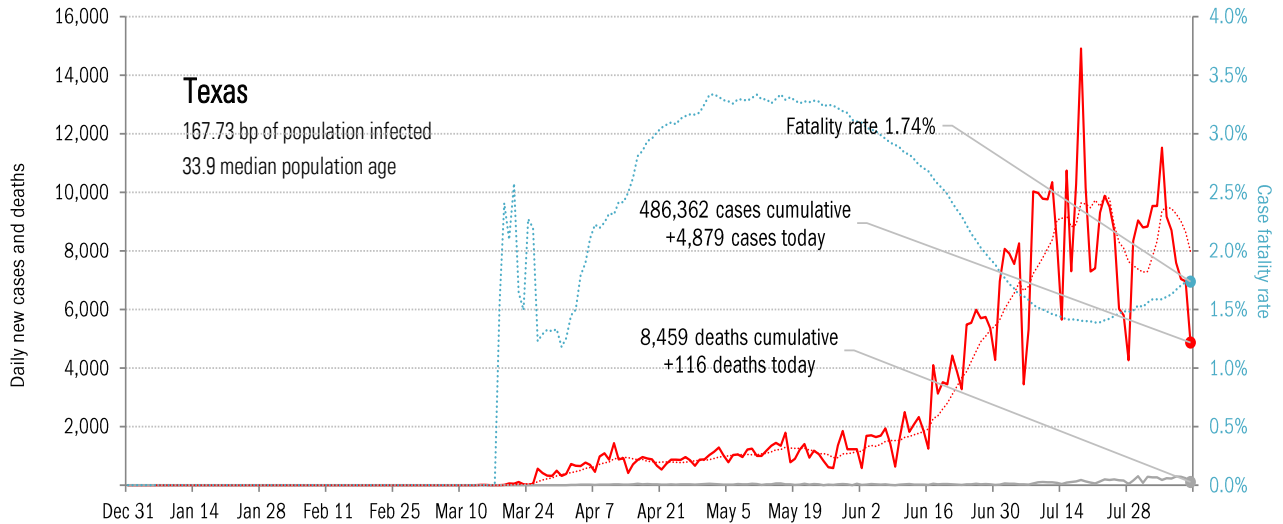
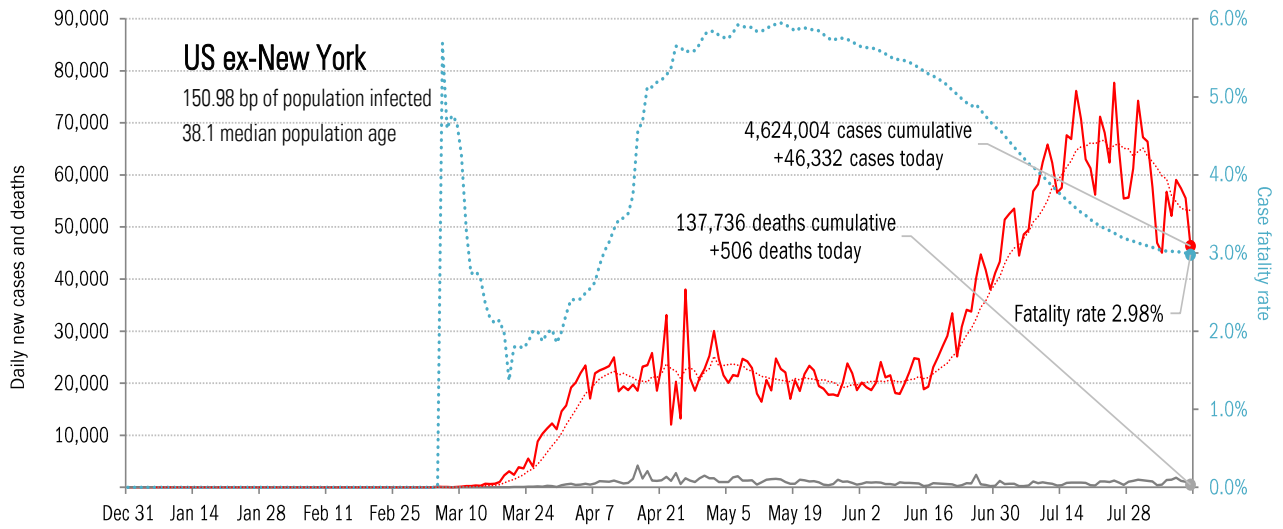
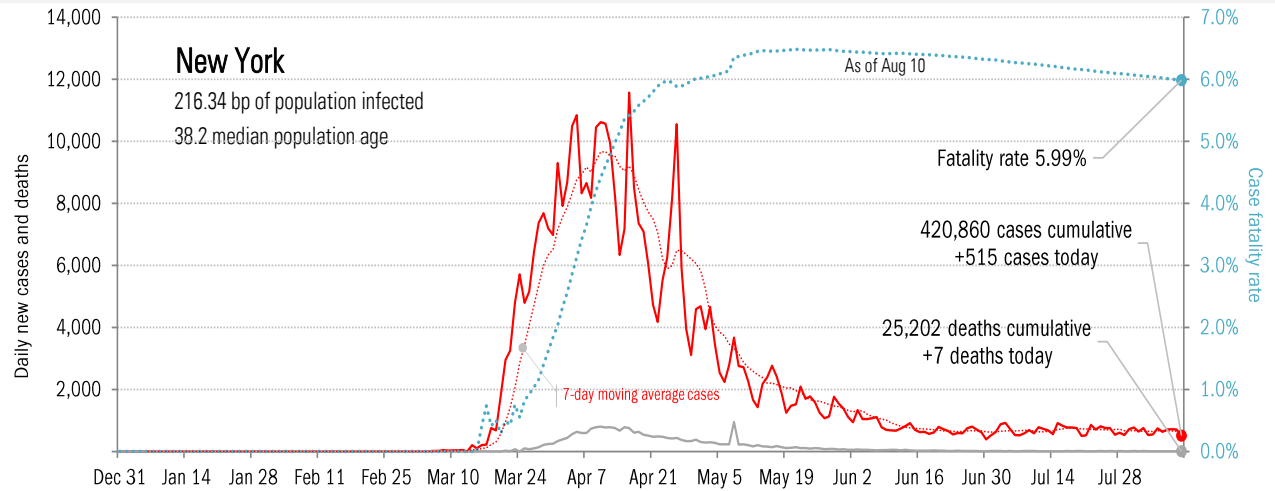


## Healthcare system stress, **peak** and **ultimate** estimated at each model revision



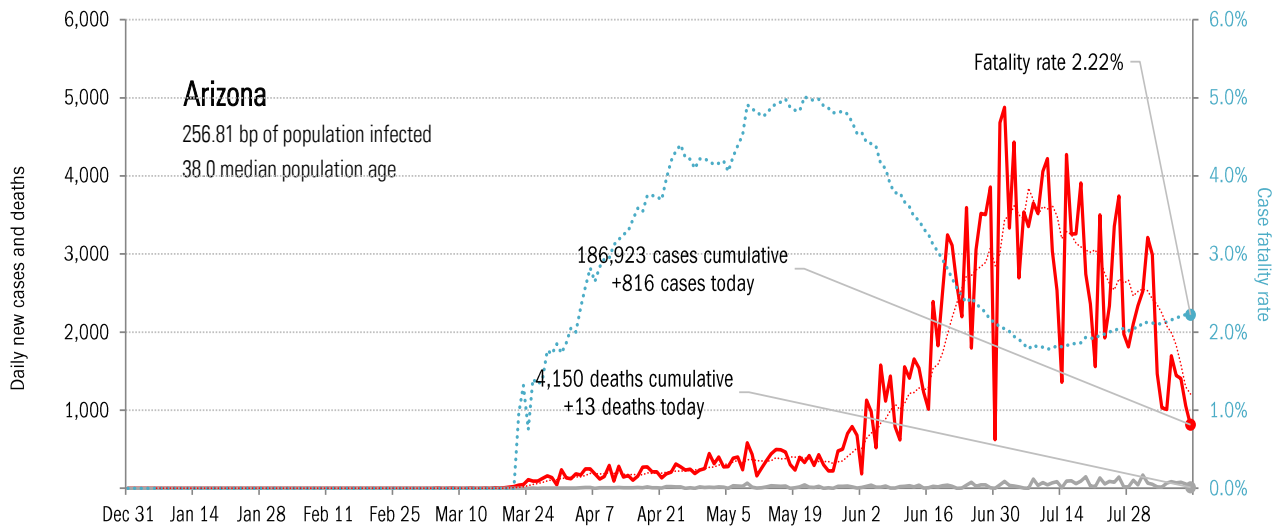
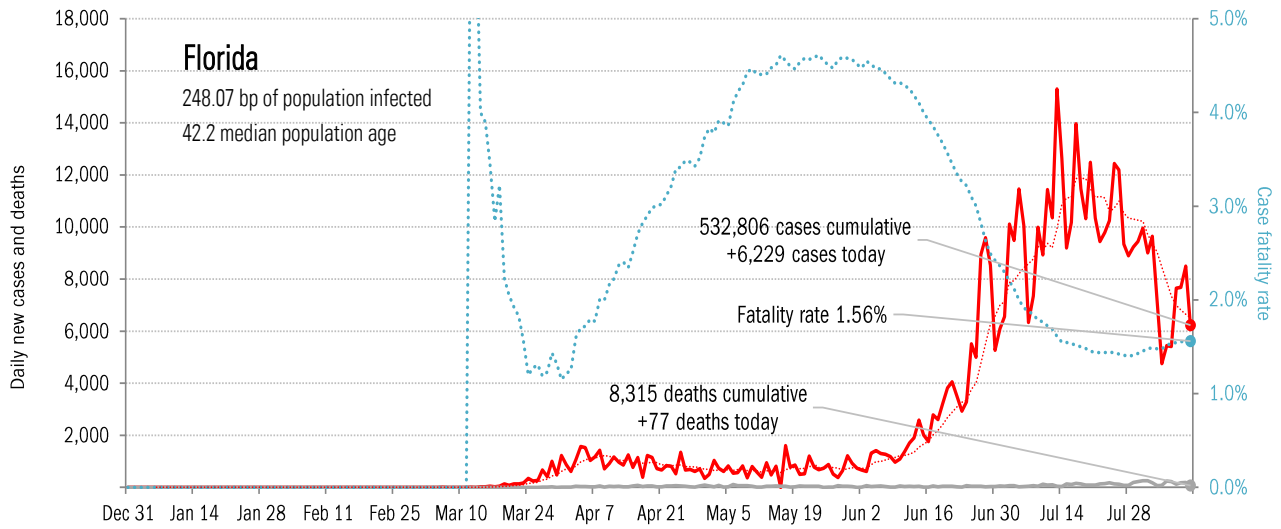
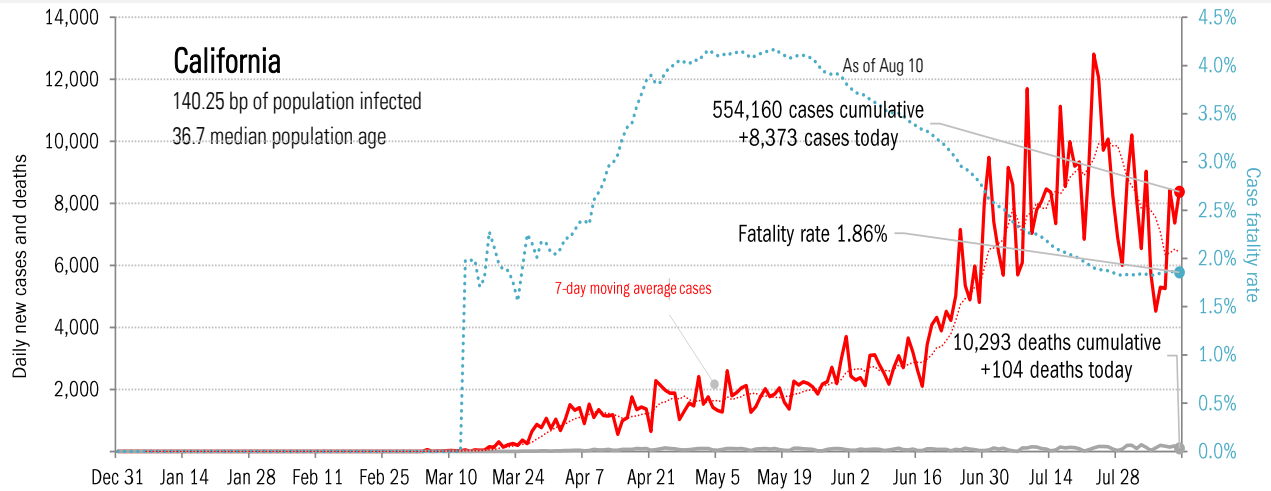
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



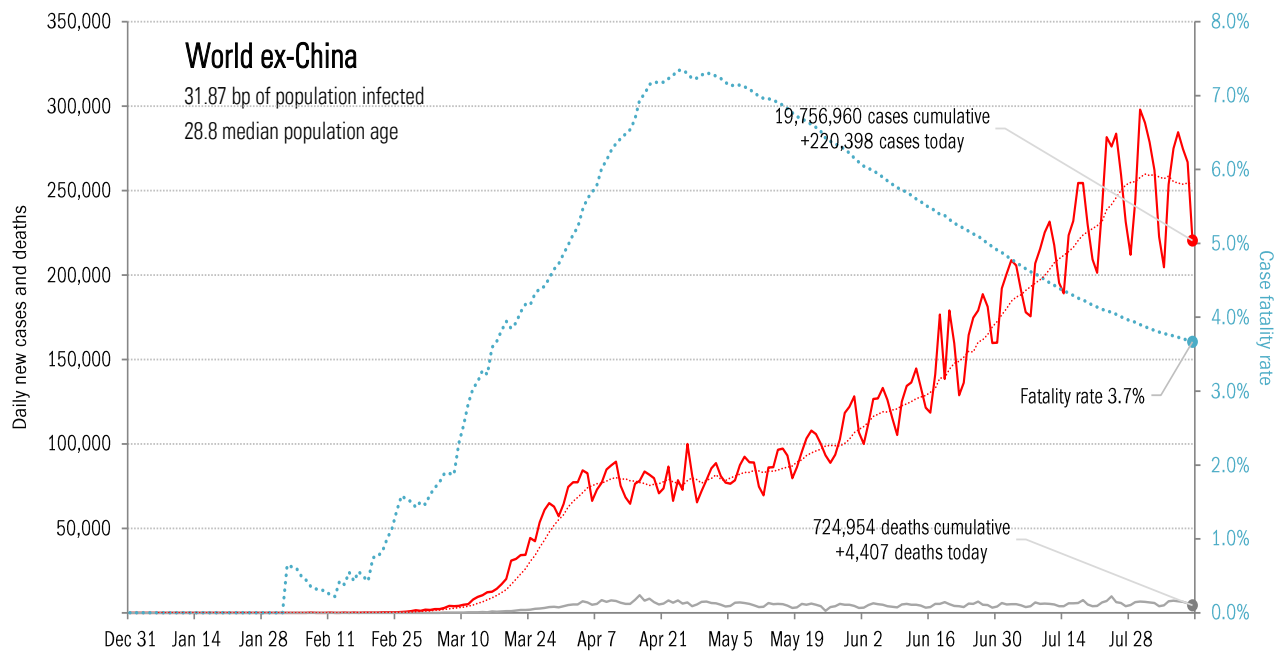
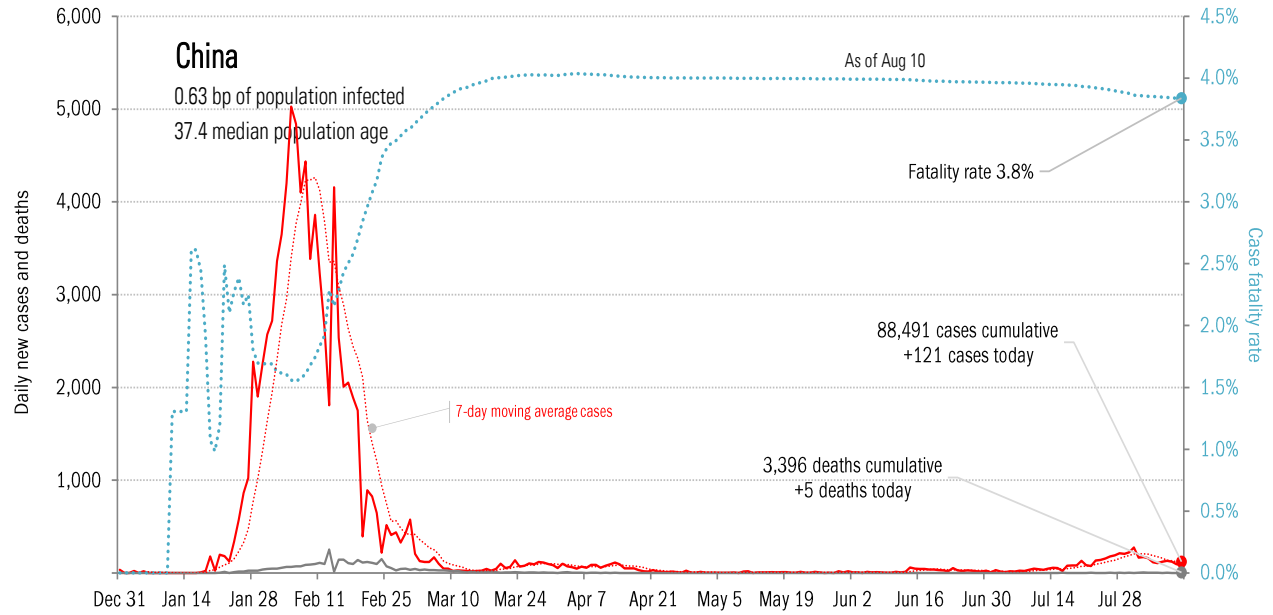
Source: [ECDC](#), TrendMacro calculations

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



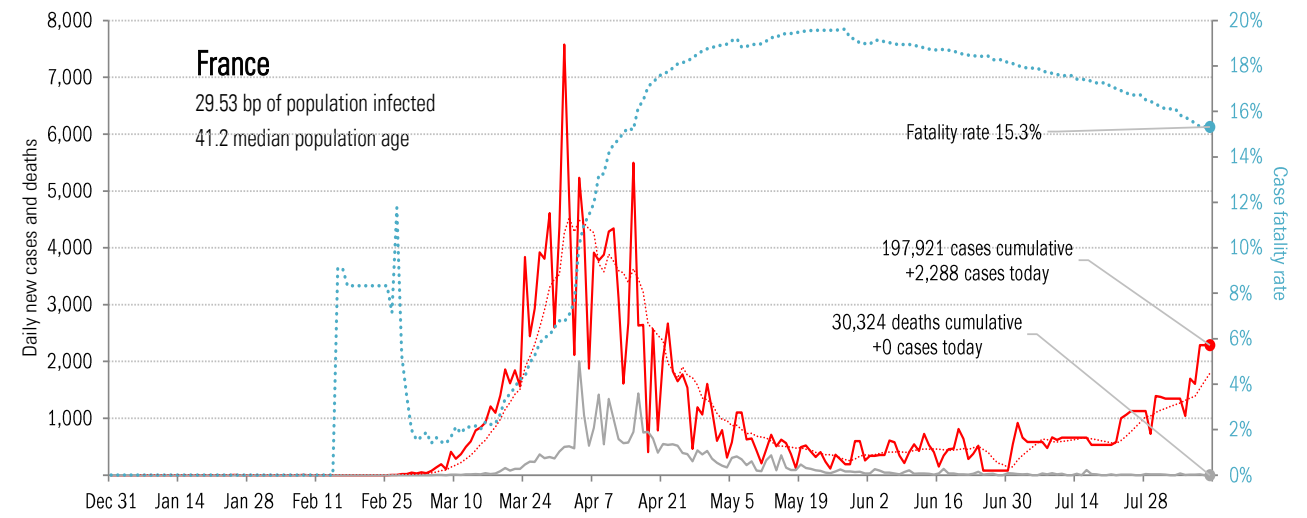
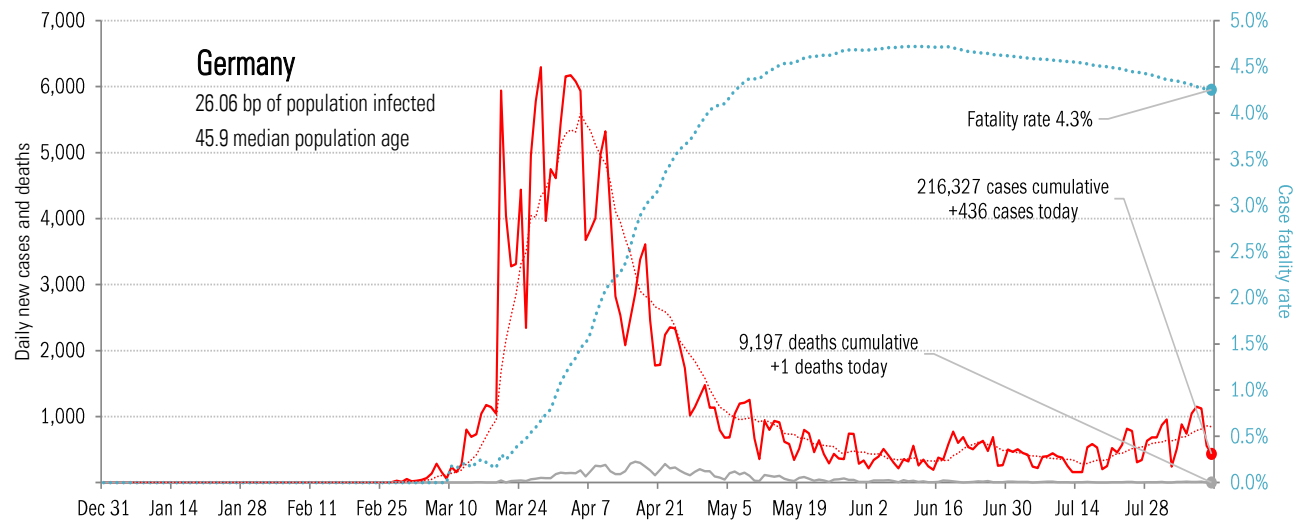
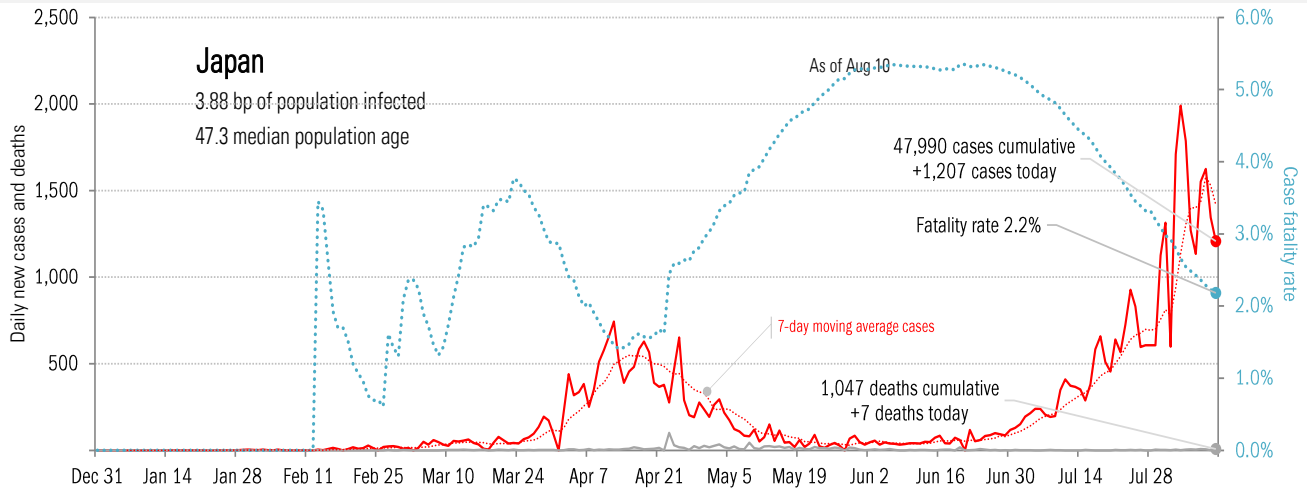
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



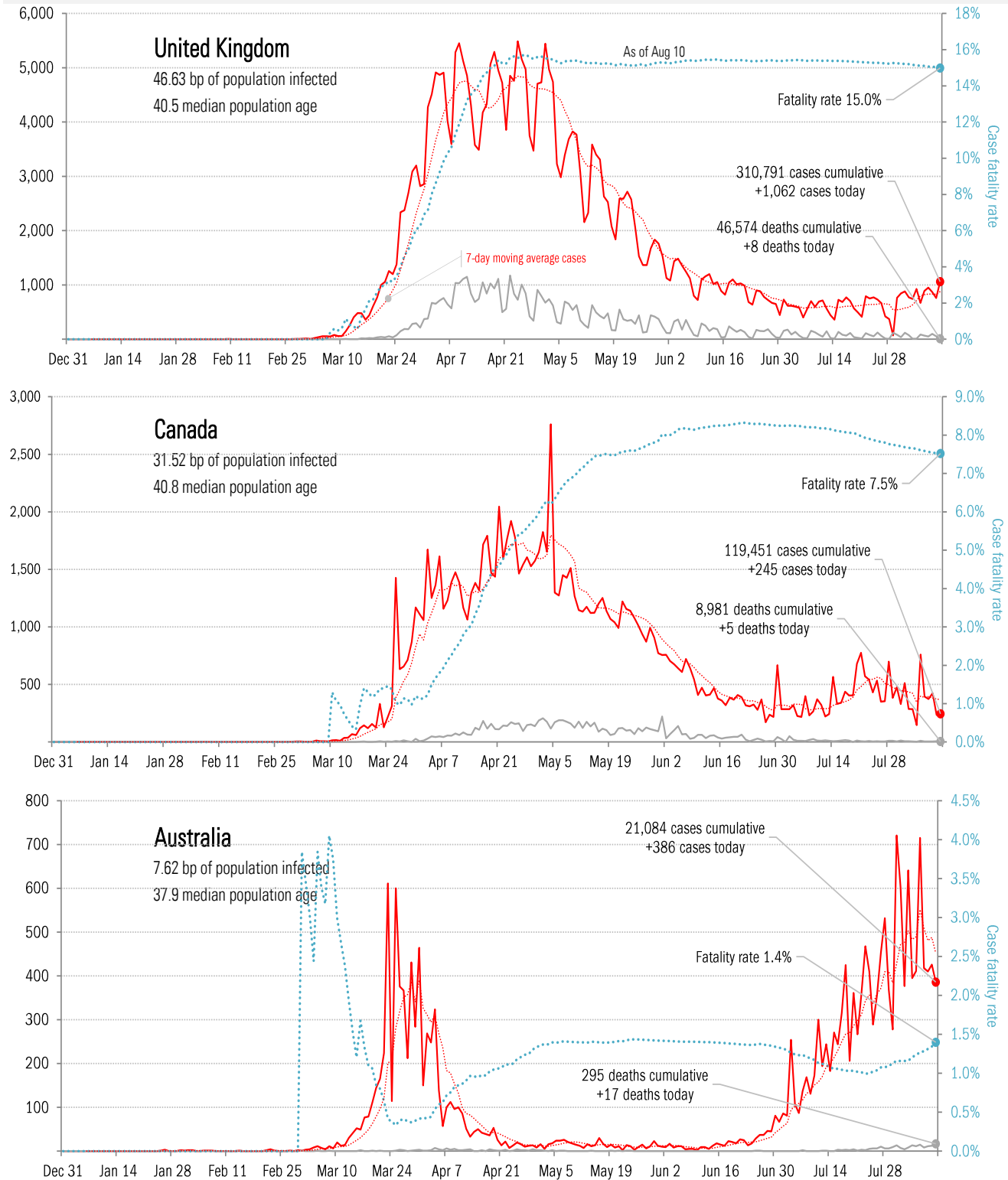
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



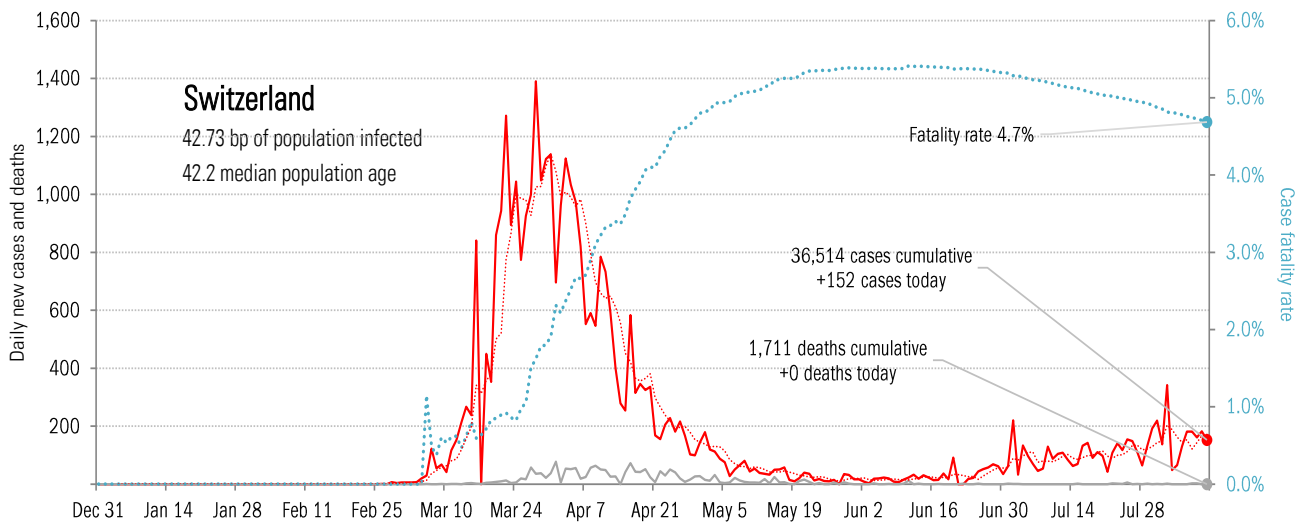
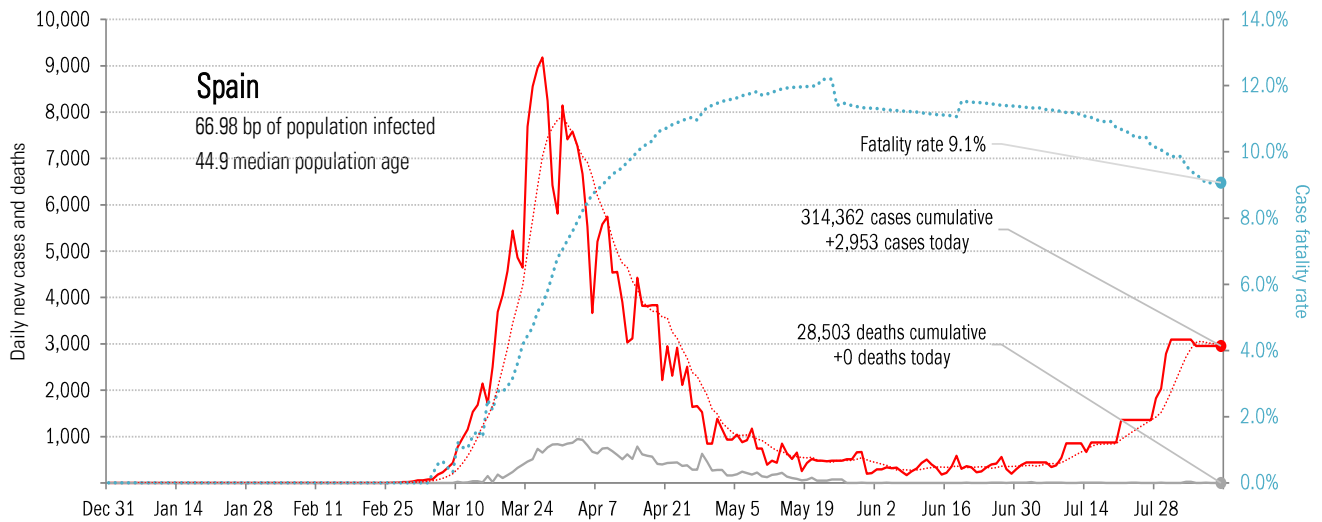
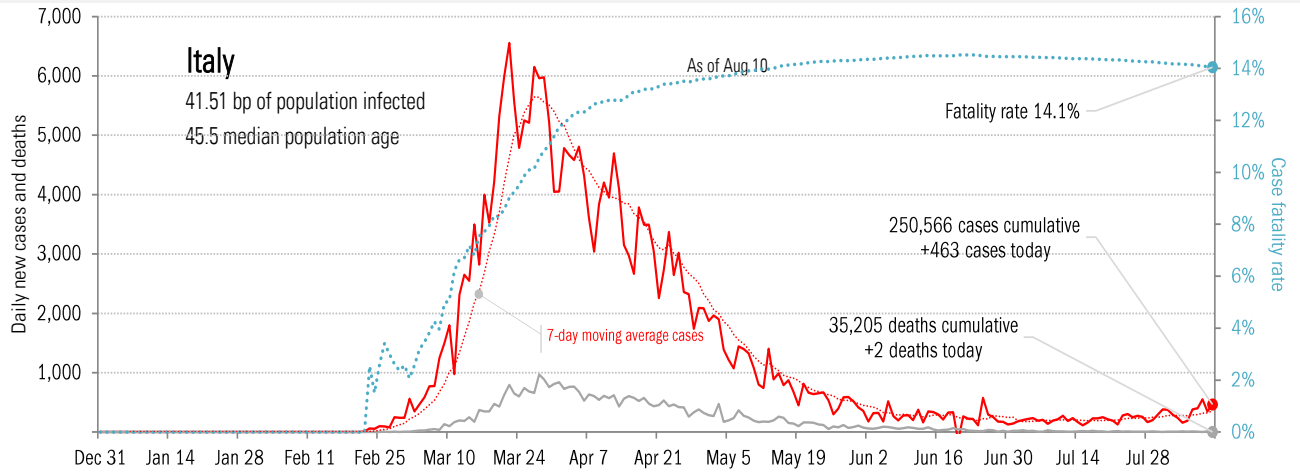
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



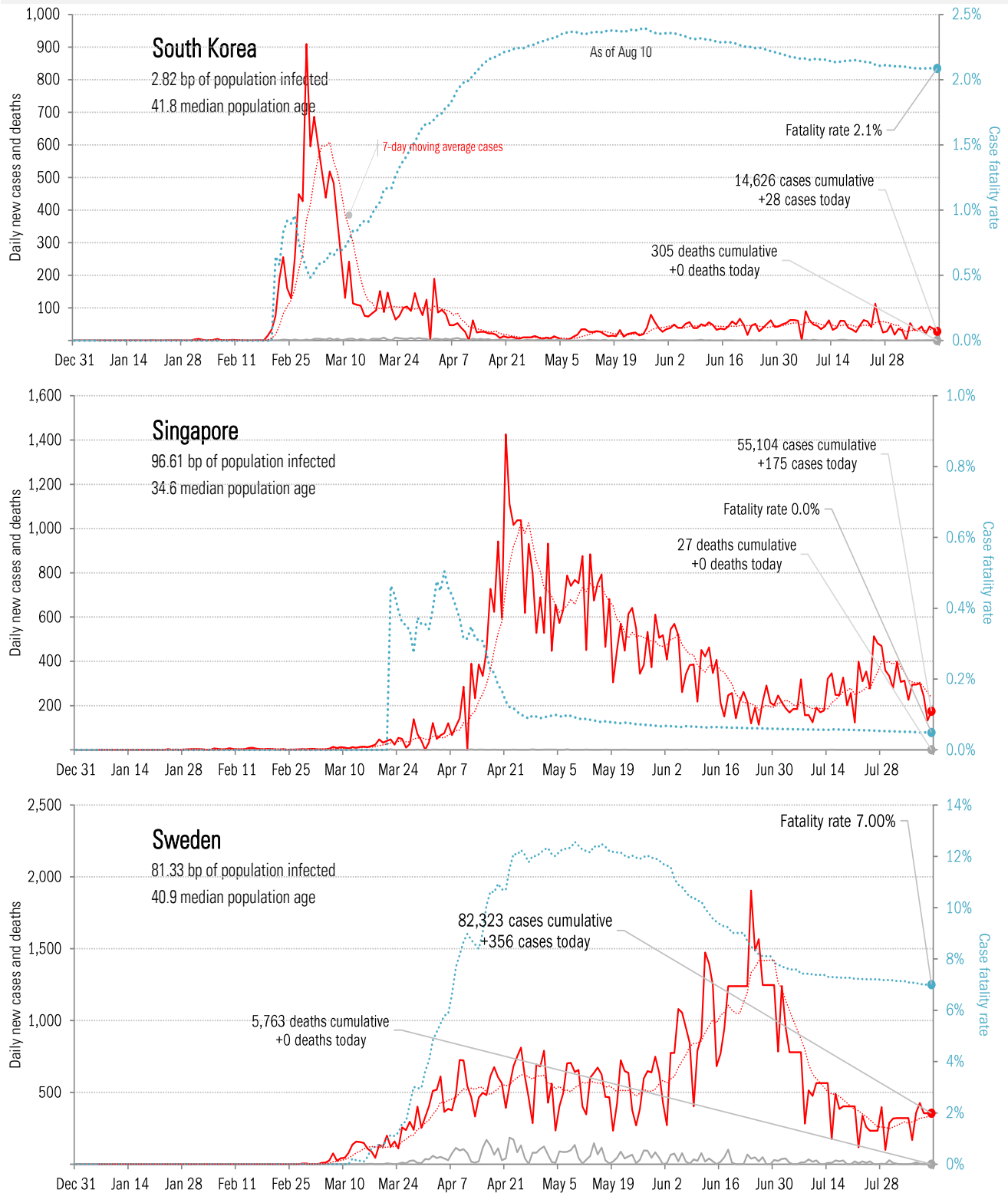
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

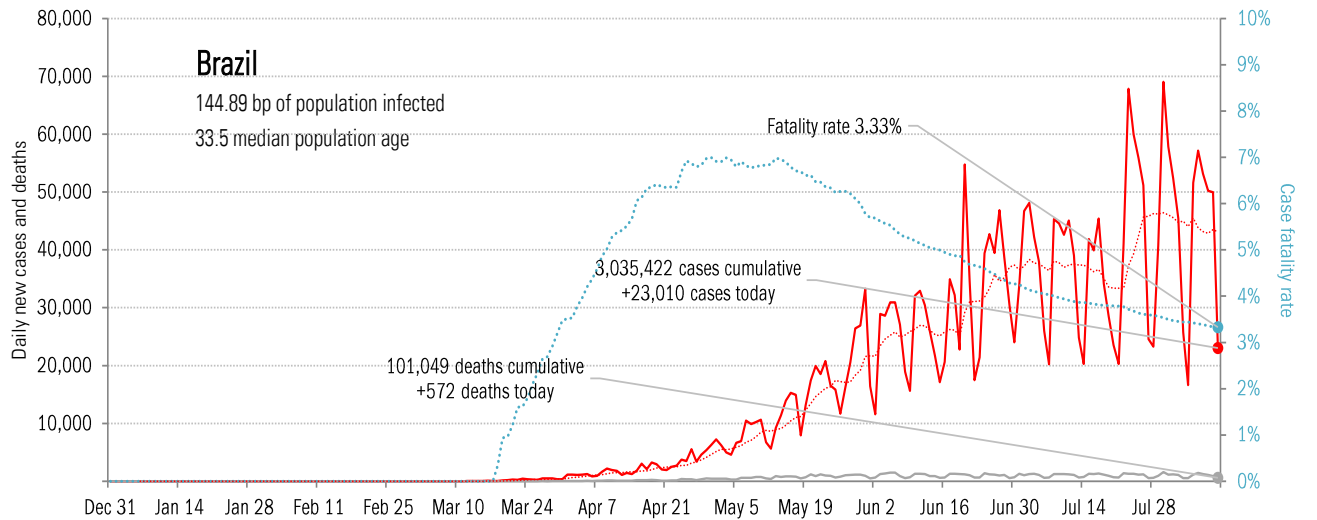
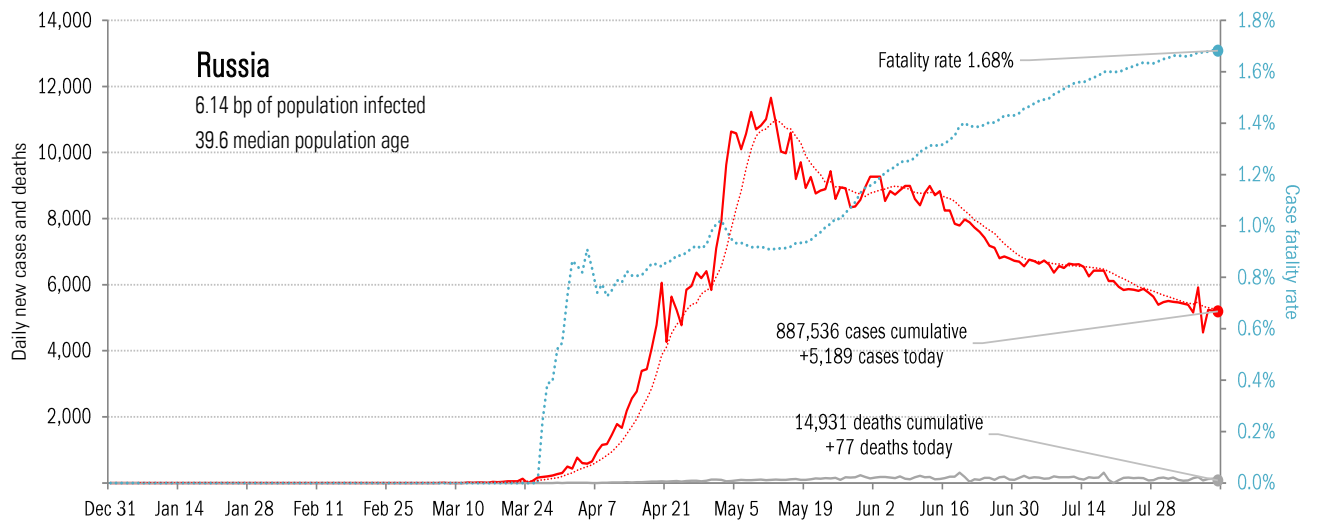
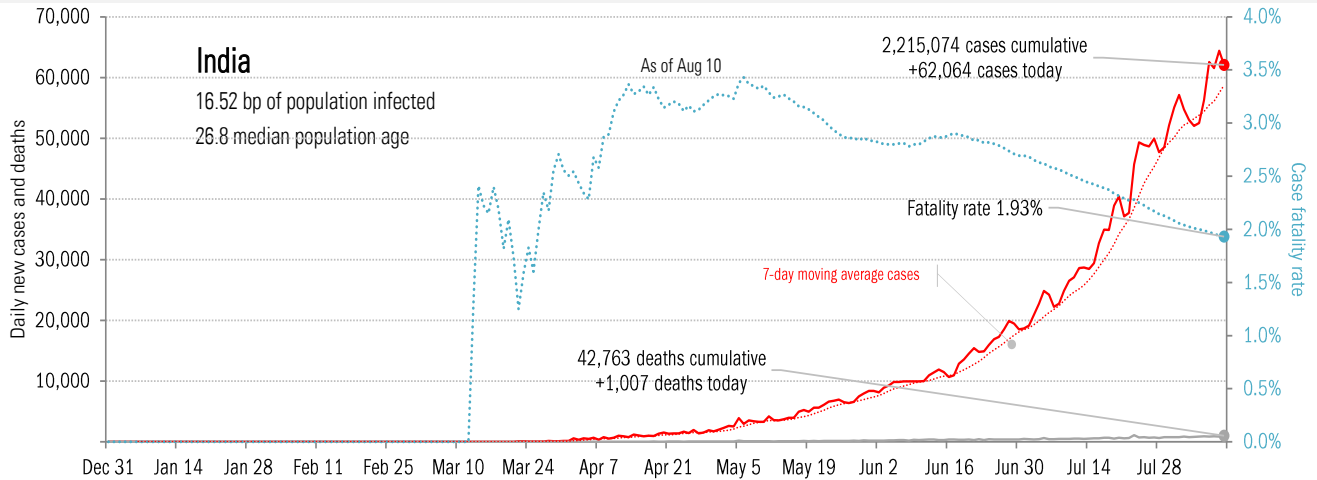
# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

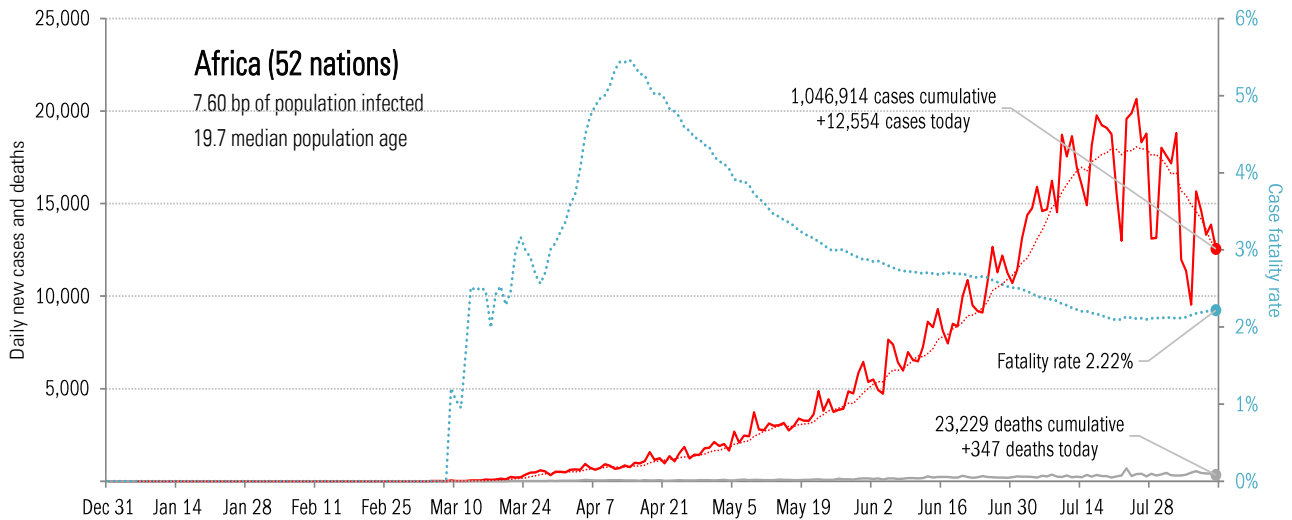
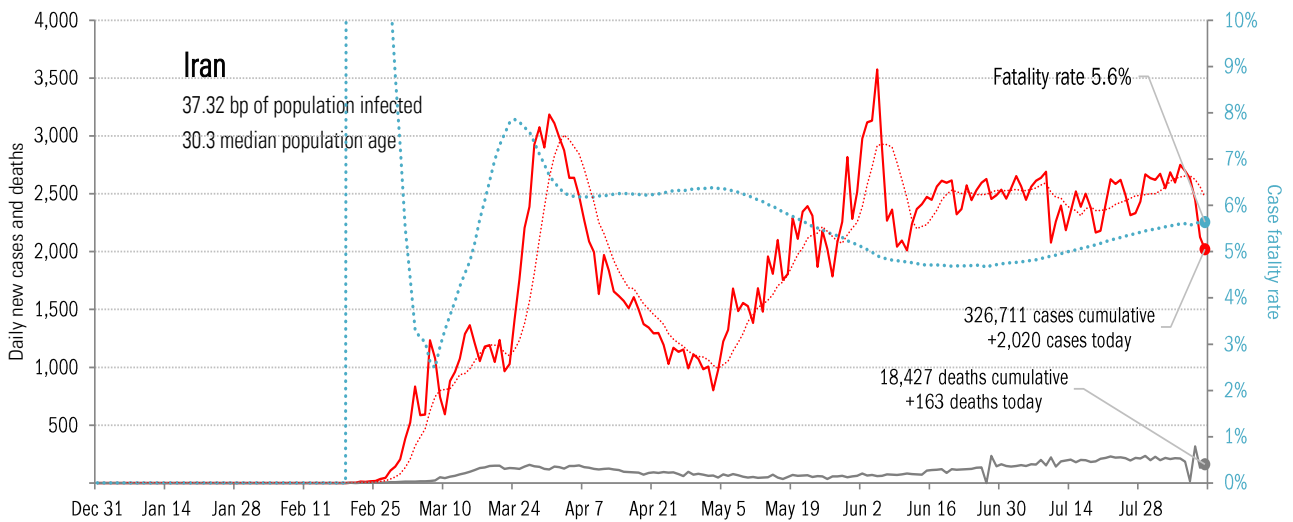
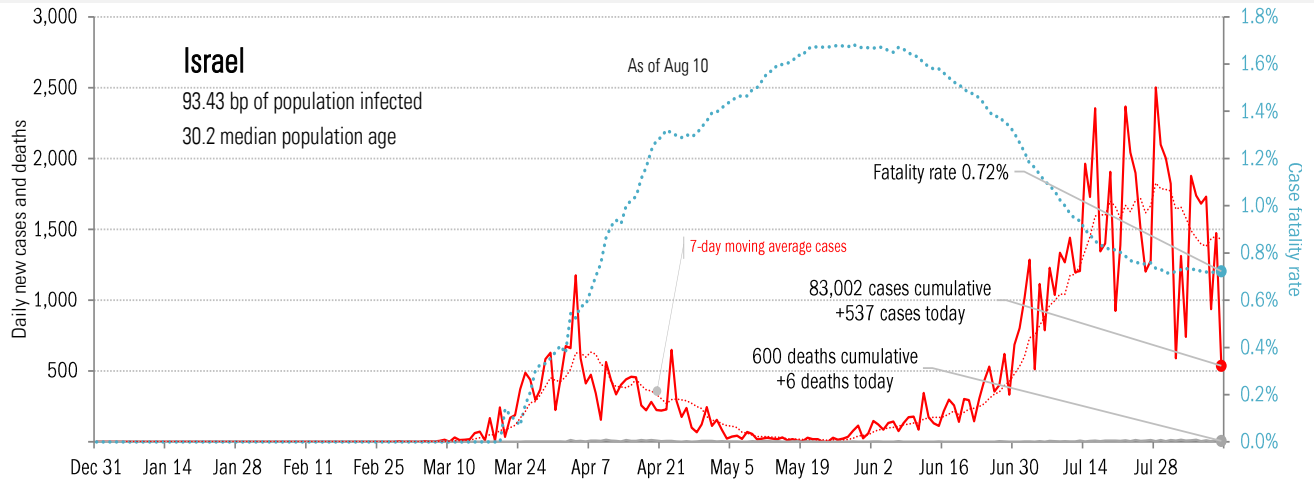


# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations