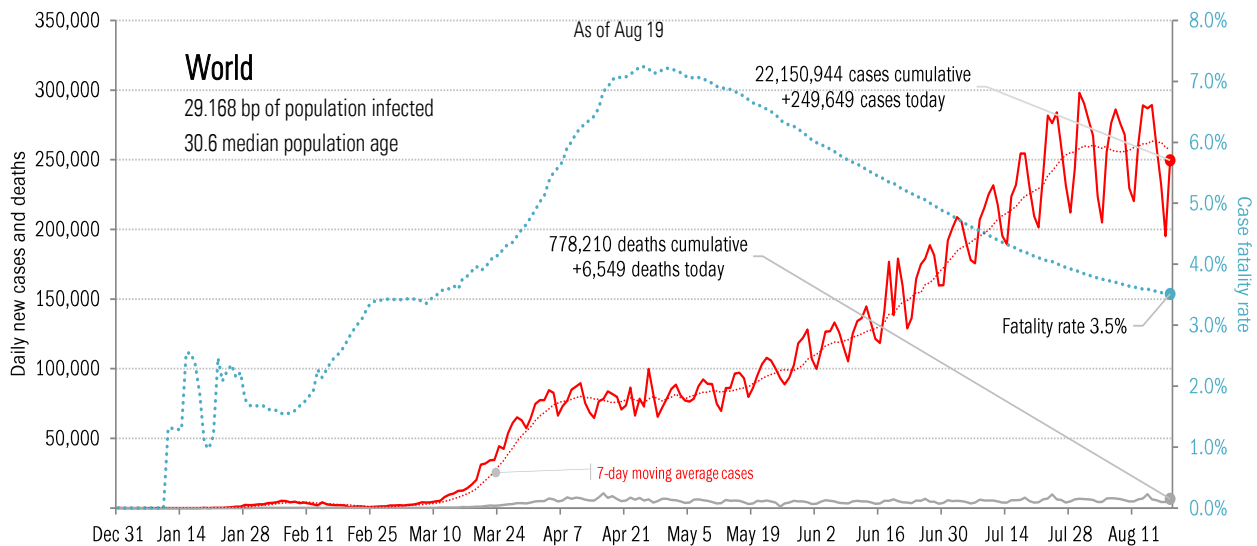
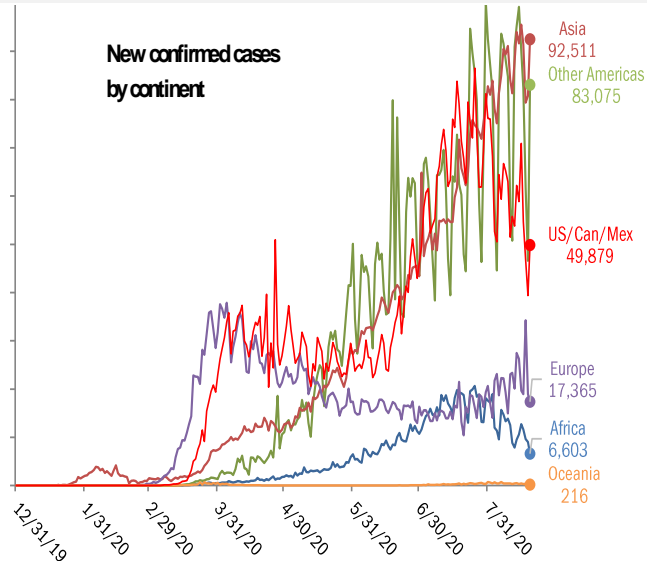


## Data Insights: Covid-2019 Monitor

Wednesday, August 19, 2020

### The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+64,531	Brazil	+1,352
Brazil	+47,784	US	+1,324
US	+44,091	India	+1,092
Colombia	+12,462	Mexico	+751
Peru	+7,828	South_Africa	+282
Mexico	+5,506	Colombia	+247
Russia	+4,748	Peru	+177
Philippines	+4,739	Iran	+168
Iraq	+4,576	Russia	+132
Argentina	+4,557	Argentina	+127
<b>+200,822</b>		<b>+5,652</b>	
World	+249,649	World	+6,549
Top ten	80%	Top ten	86%



Source: [ECDC](#), 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

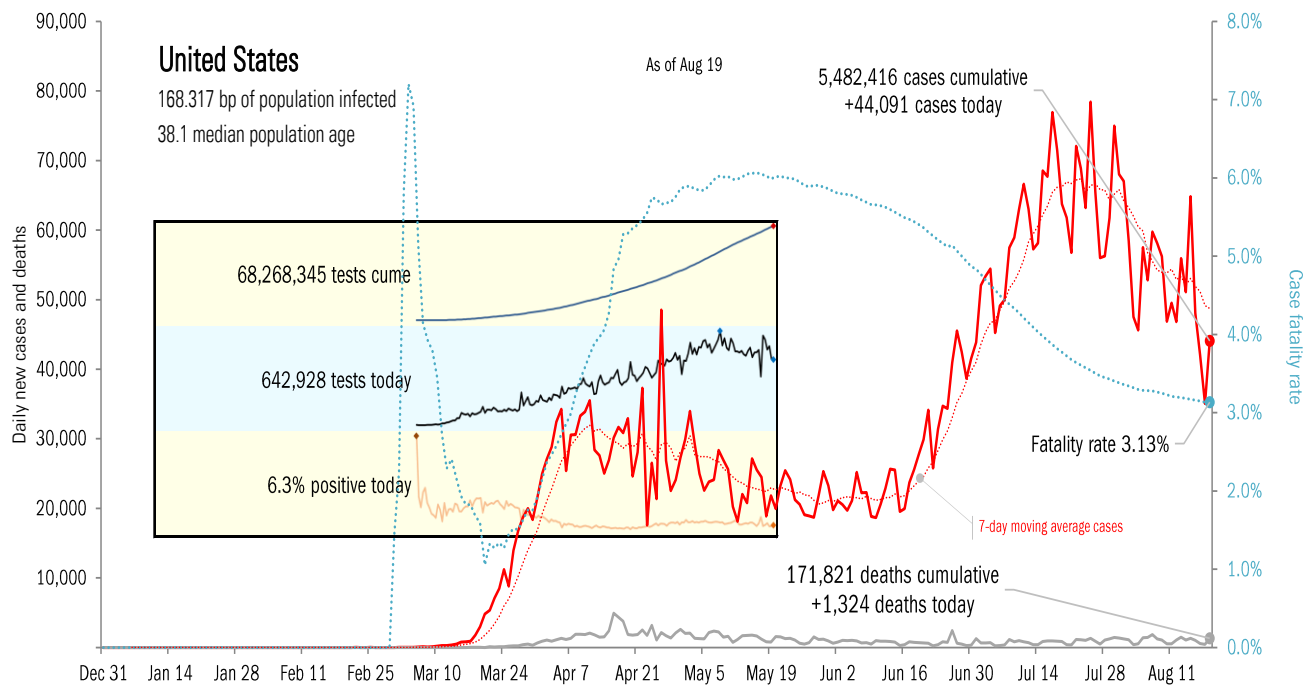
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
TX	+7,282	FL	+219	FL	+505	CA	632,667	NY	25,264	NY	89,995
CA	+4,636	TX	+216	GA	+296	FL	579,932	NJ	15,925	FL	35,112
FL	+3,838	CA	+100	SC	+294	TX	550,232	CA	11,342	GA	22,429
GA	+2,816	GA	+67	VA	+163	NY	426,571	TX	10,250	NJ	22,259
IL	+1,740	SC	+55	AZ	+122	GA	241,677	FL	9,893	AZ	20,878
AL	+1,357	NC	+48	CH	+117	IL	210,926	MA	8,839	VA	15,163
NC	+1,263	CH	+39	TN	+100	AZ	194,920	IL	7,993	MD	13,698
TN	+1,034	TN	+39	OK	+94	NJ	188,098	PA	7,499	AL	12,958
FR	+953	MS	+33	AR	+74	NC	146,779	MI	6,608	CH	12,436
AZ	+915	PA	+31	IN	+64	LA	139,125	GA	4,794	MA	12,192
<b>+25,834</b>		<b>+847</b>		<b>+1,829</b>		<b>3,310,927</b>		<b>108,407</b>		<b>257,120</b>	
All states	+40,458	All states	+1,195	All states	+2,273	All states	5,457,824	All states	163,595	All states	351,234
Top ten	64%	Top ten	71%	Top ten	80%	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	-1,833	MO	-23	AL	-351	SC	+11,464
KS	-1,282	AL	-16	MS	-37	TX	+10,086
CT	-382	WA	-11	CR	-34	TN	+2,084
MO	-354	CT	-3	KS	-14	CH	+1,304
WA	-316	KS	-3	WY	-6	IN	+841



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

## Recommended reading

### [How Covid Sends Some Bodies to War With Themselves](#)

Moises Velasquez-Manoff  
*New York Times*  
August 11, 2020

### [The Sneaky Trick a Public Health Official Used to Make Mask Mandates Look Super Effective](#)

Jon Miltimore  
*Foundation for Economic Education*  
August 14, 2020

### [MN Governor Quietly Reverses Course on Hydroxychloroquine](#)

Jon Miltimore  
*RealClear Politics*  
August 17, 2020

### [They Blinded Us From Science](#)

Sonal Desai  
*Franklin Templeton On My Mind*  
July 29, 2020

### [Are consumers already living the future of health?](#)

David Betts, Leslie Korenda and Shane Giuliani  
*DeLoitte Insights*  
August 13, 2020

### [How Trump's Push to Reopen Schools Backfired](#)

Eliza Shapiro  
*New York Times*  
August 13, 2020

### [Gretchen Whitmer is America's most incompetent politician](#)

Matthew Walther  
*The Week*  
August 14, 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

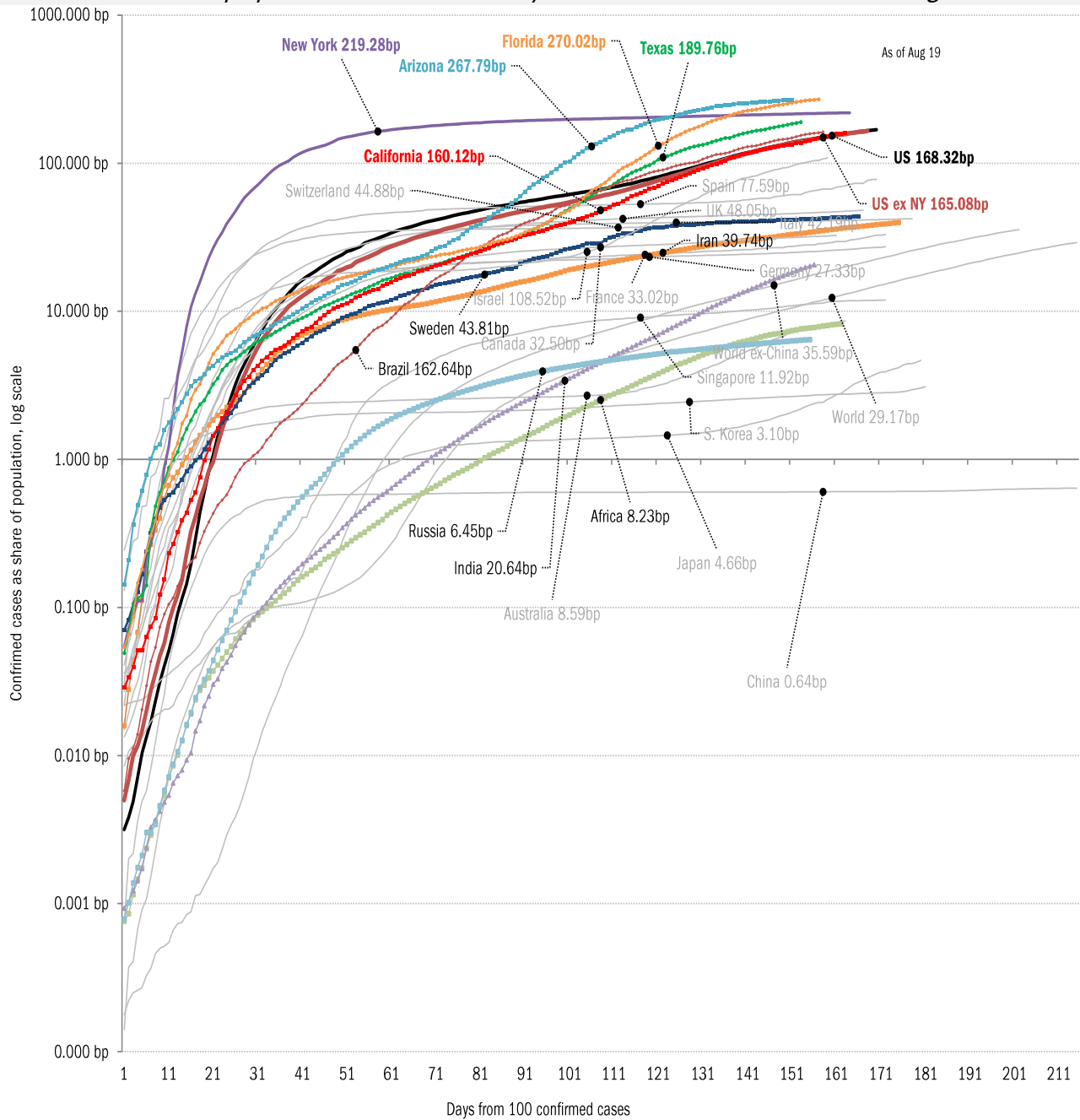
## Meme of day

### First leaked image of Russia's Covid vaccine



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

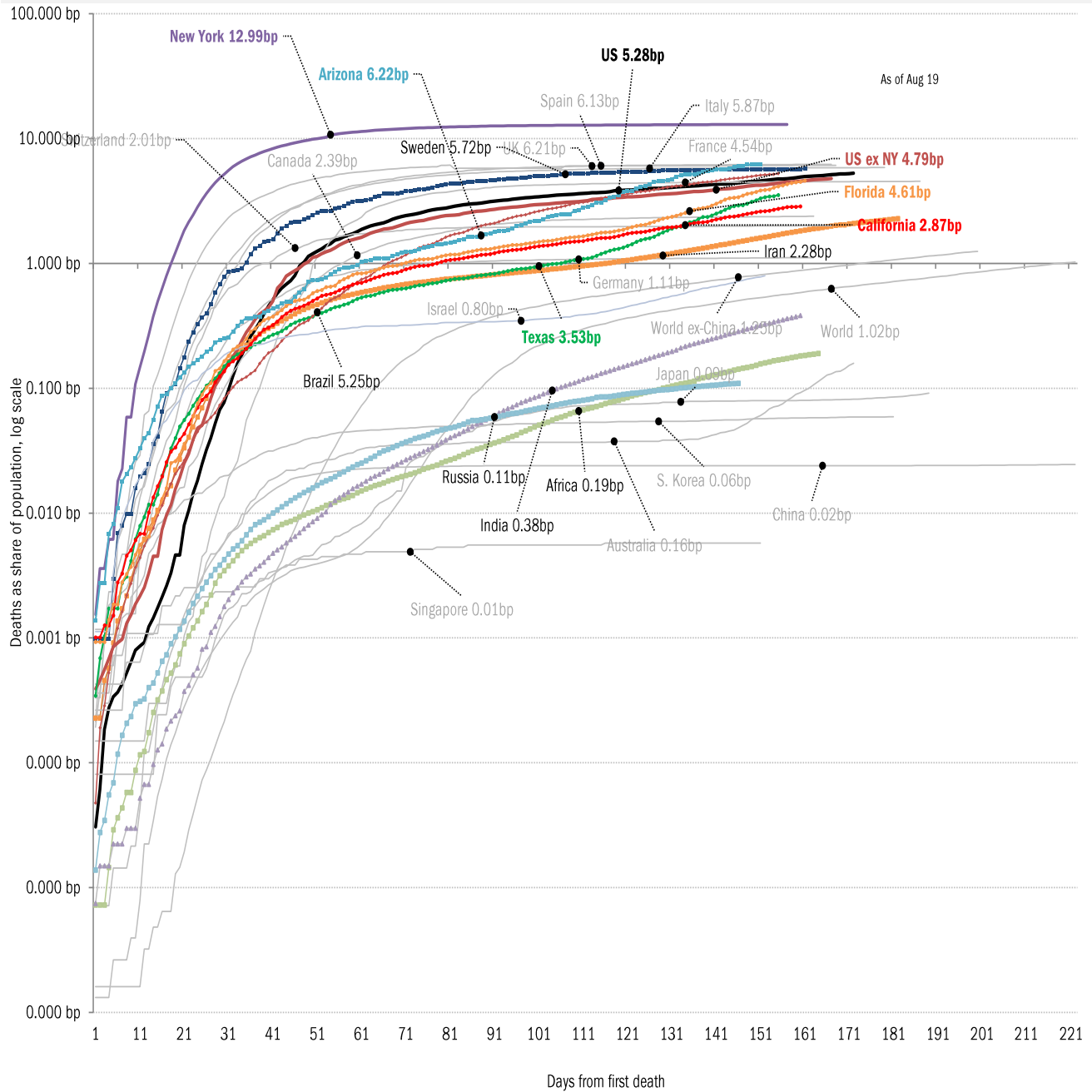
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

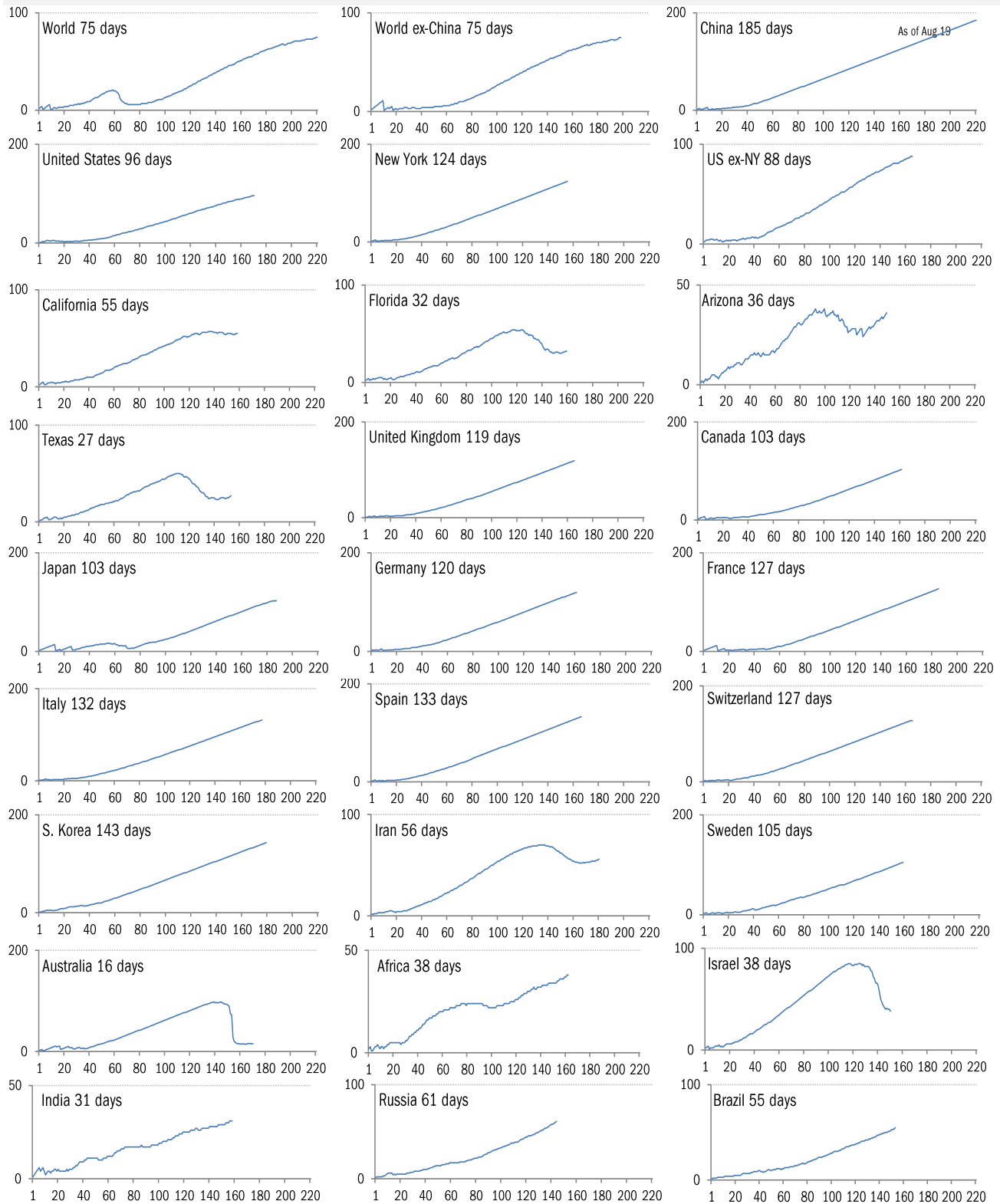
## Share of deceased population from day of first fatality



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

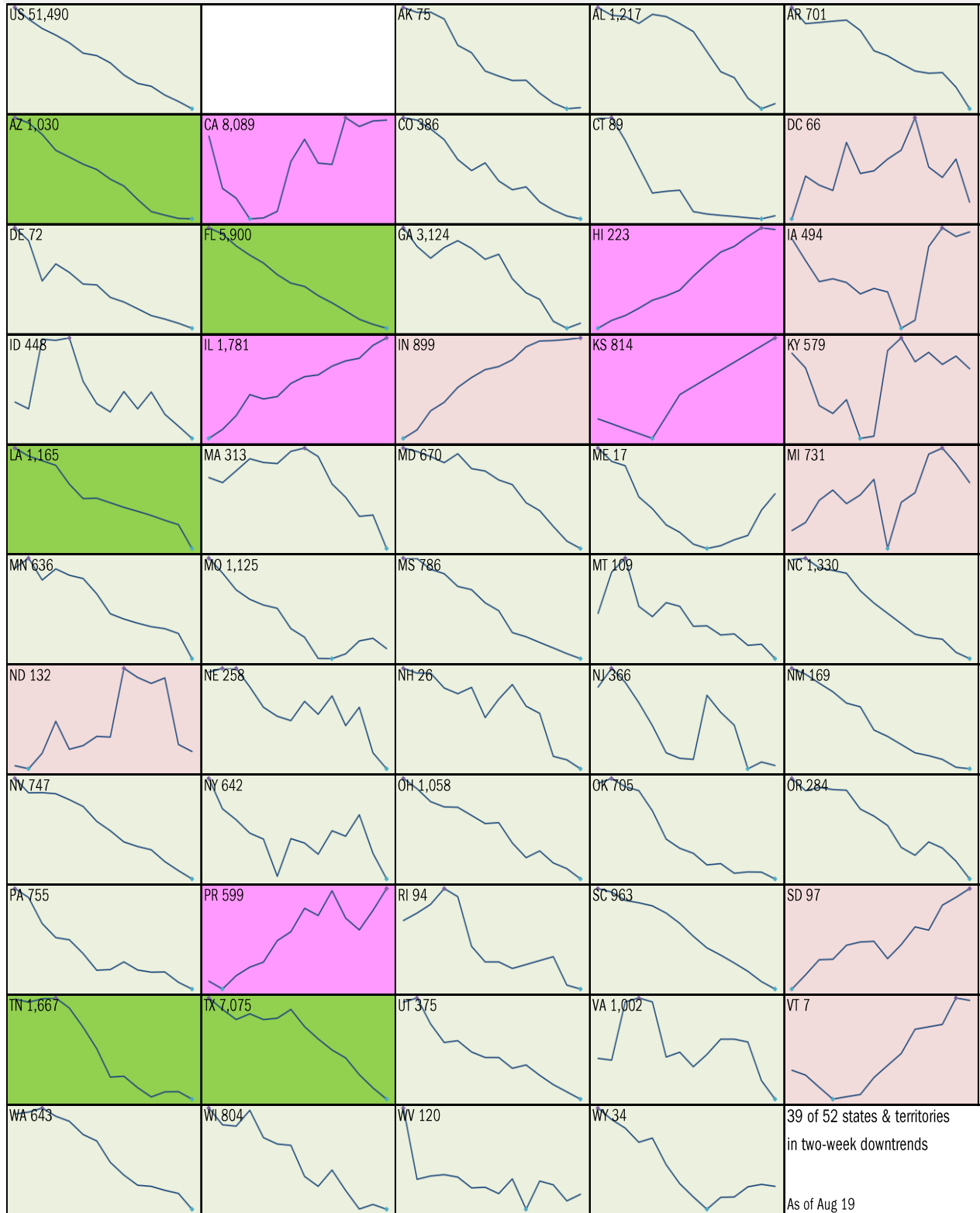


Source: [ECDC](#), TrendMacro calculations

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

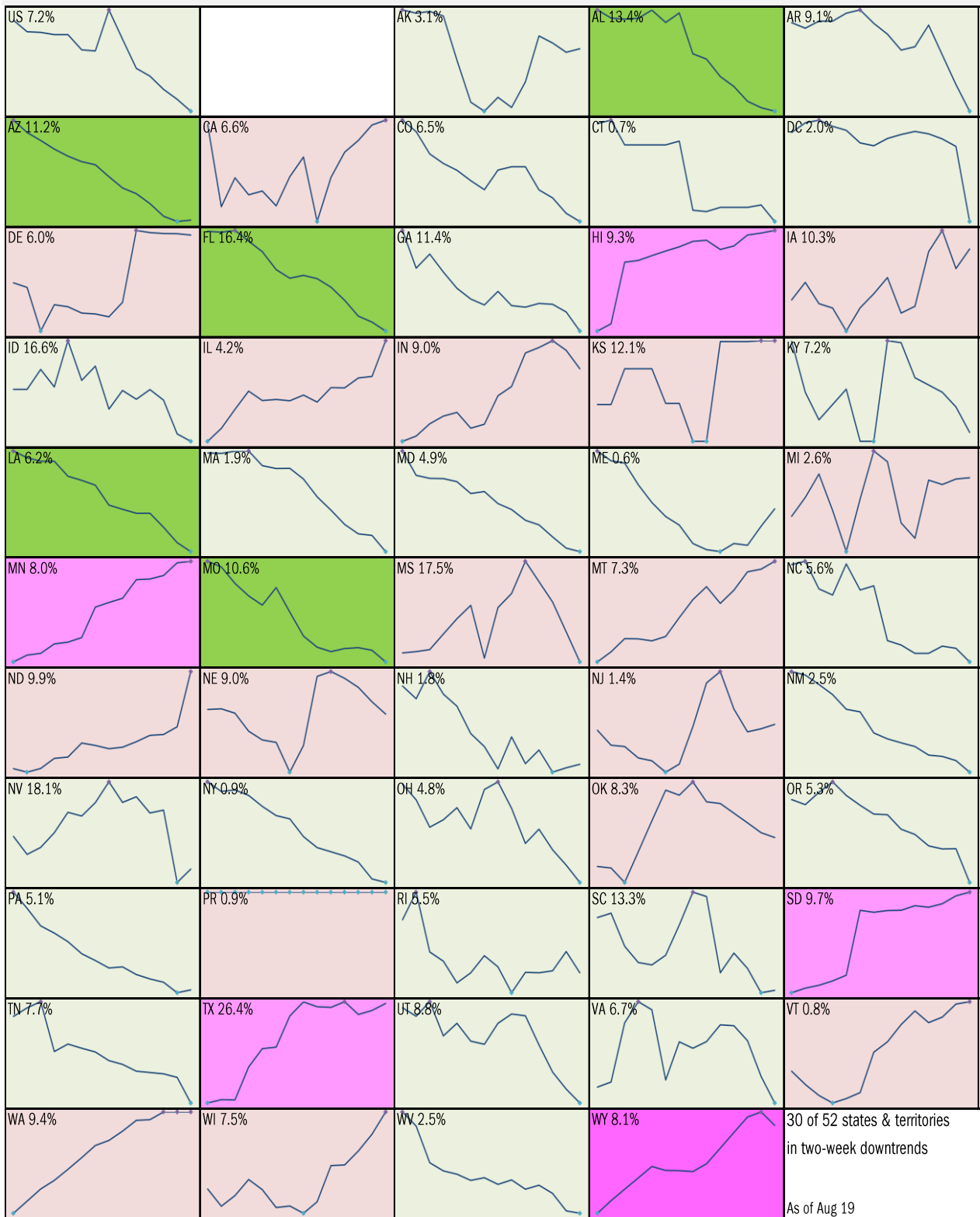


Source: [Covid Tracking Project](#), TrendMacro calculations

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

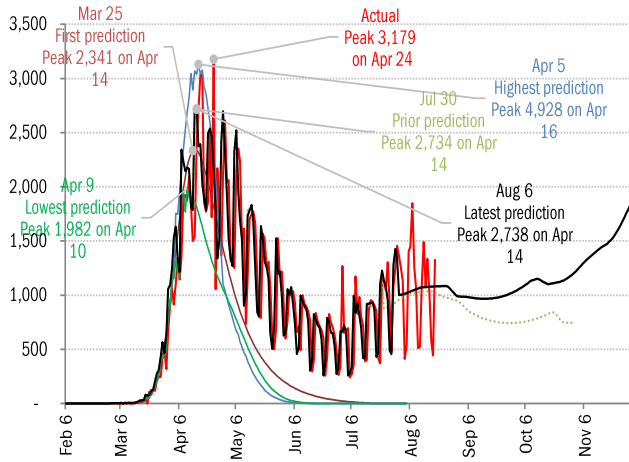


# Reality-checking the models: actuals versus [IHME](#) predictions

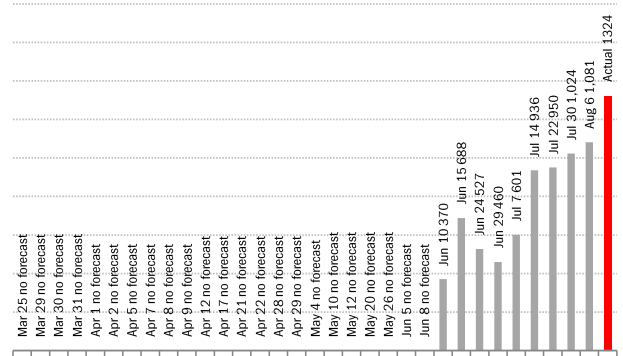
## New daily fatalities

As of Aug 19

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

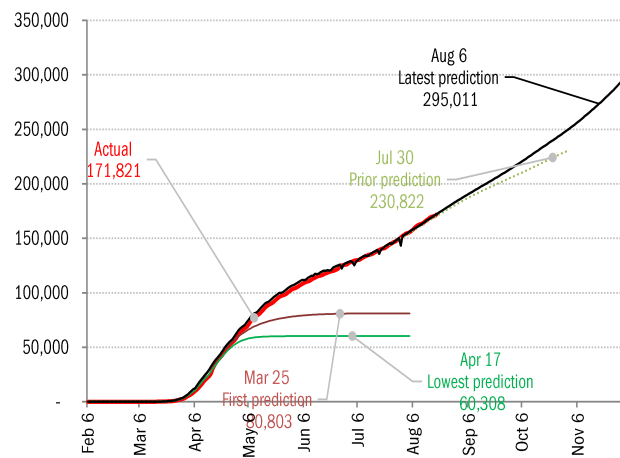


For this day, versus all model mean predictions

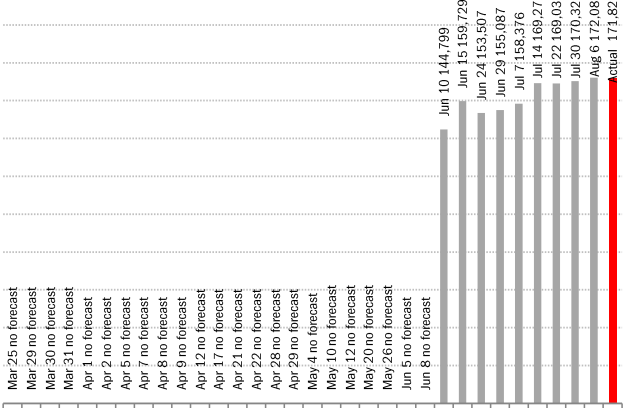


## Cumulative fatalities

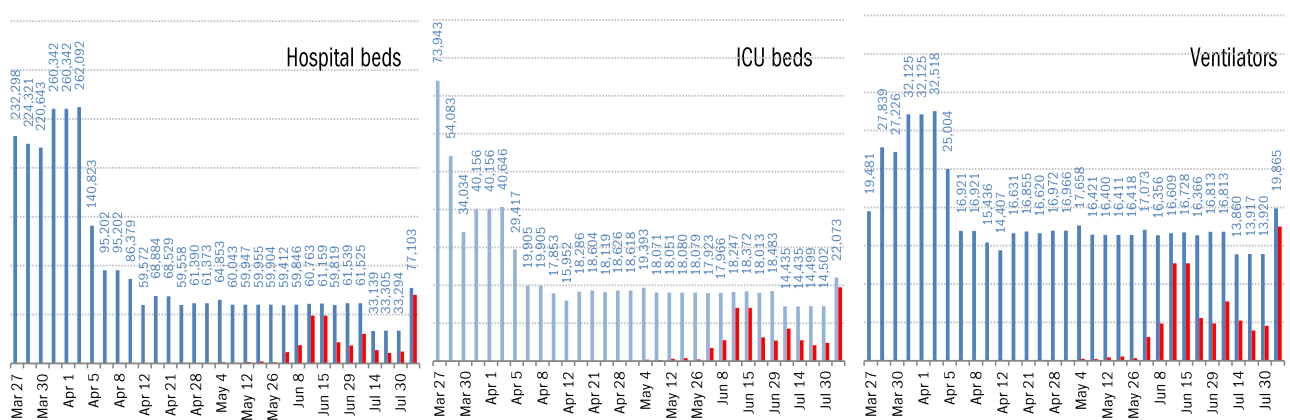
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

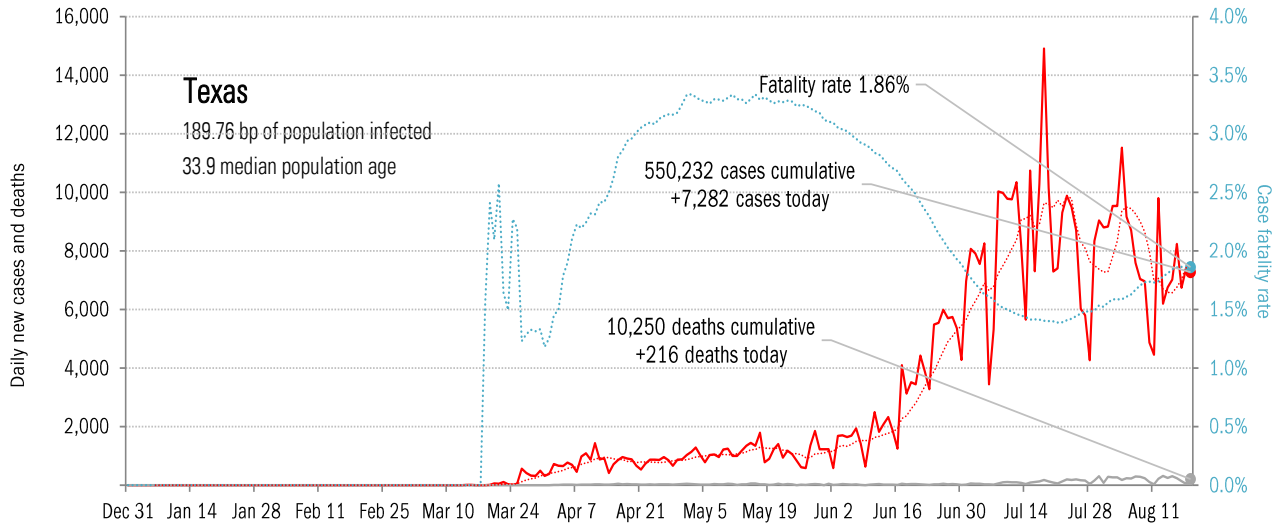
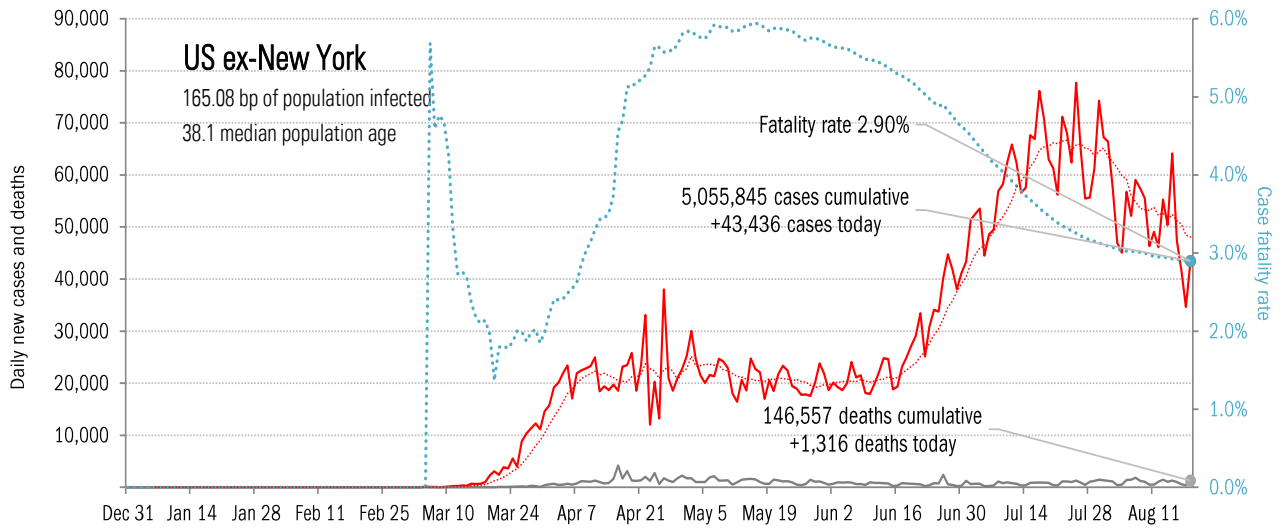
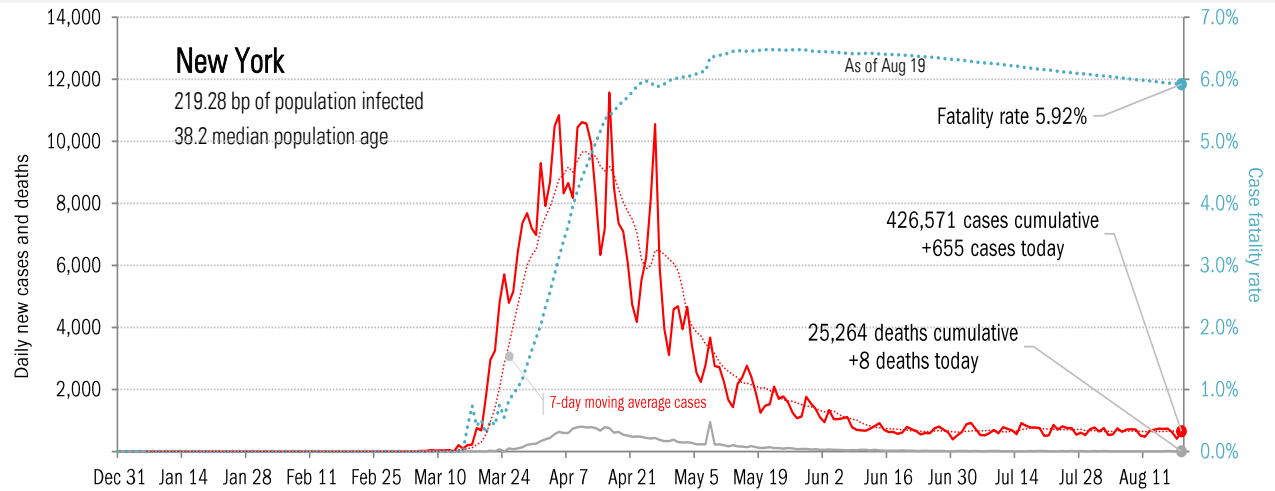


## Healthcare system stress, **peak** and **ultimate** estimated at each model revision



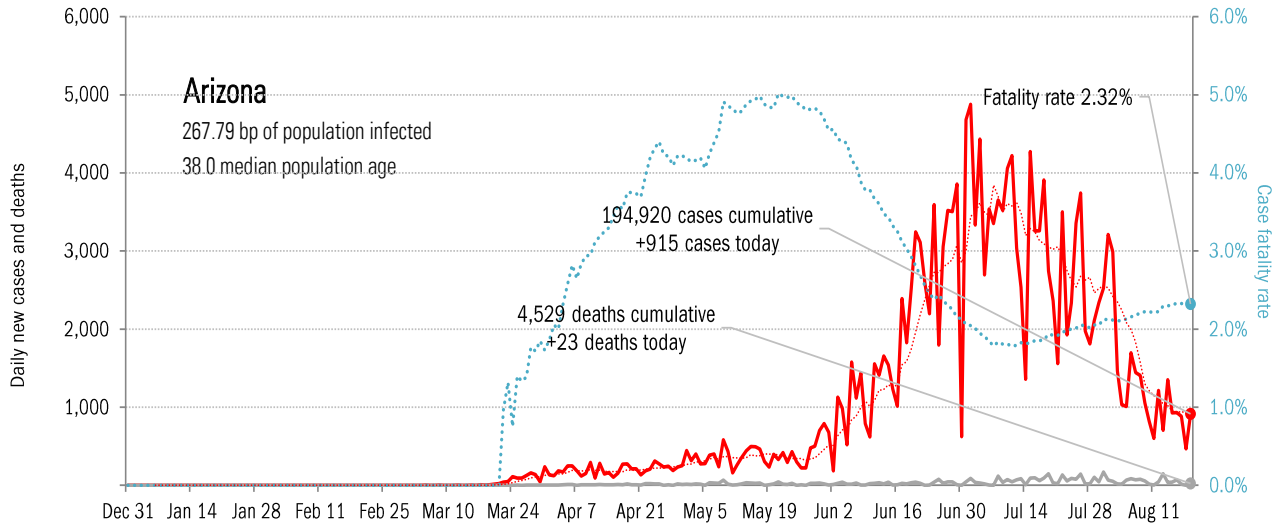
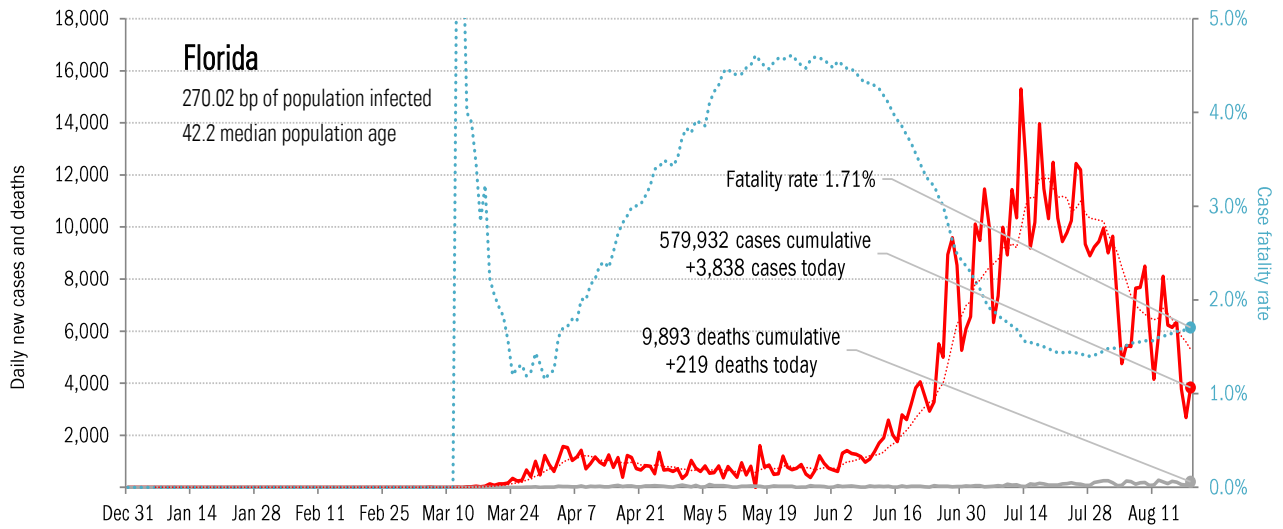
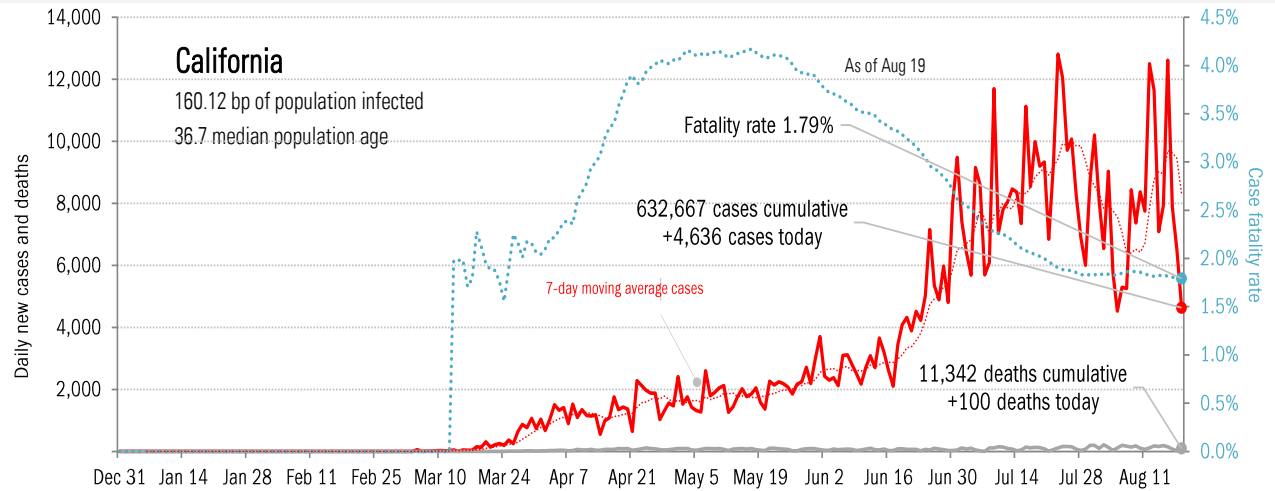
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



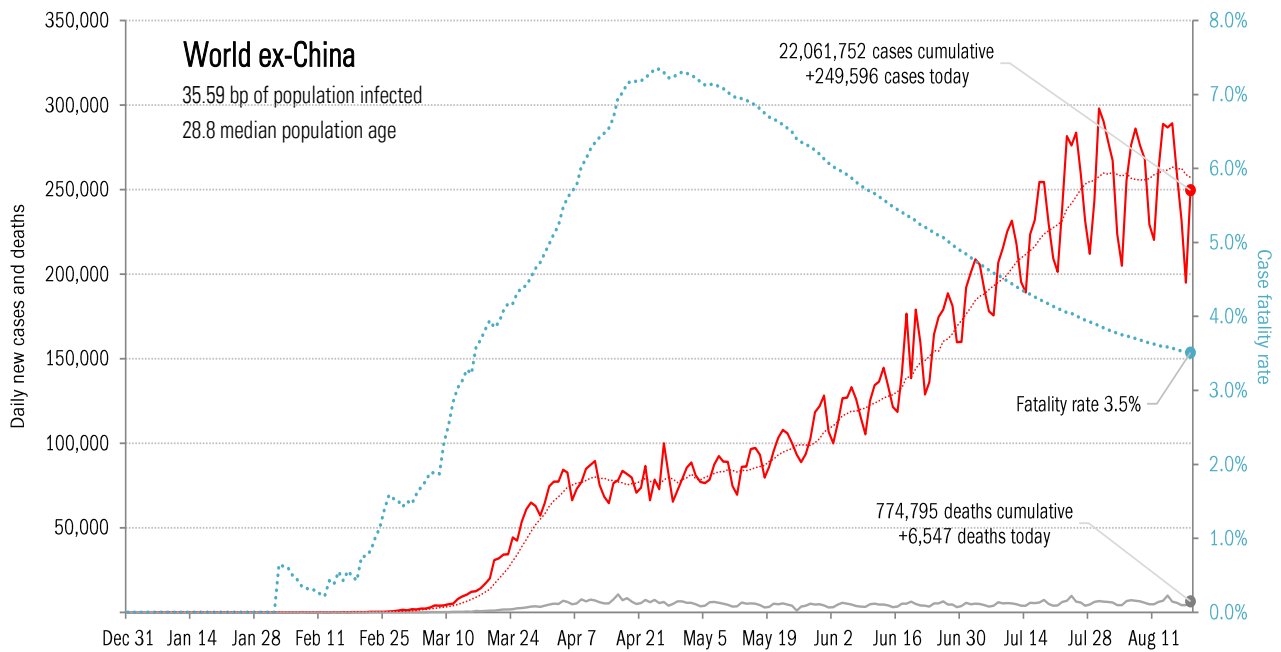
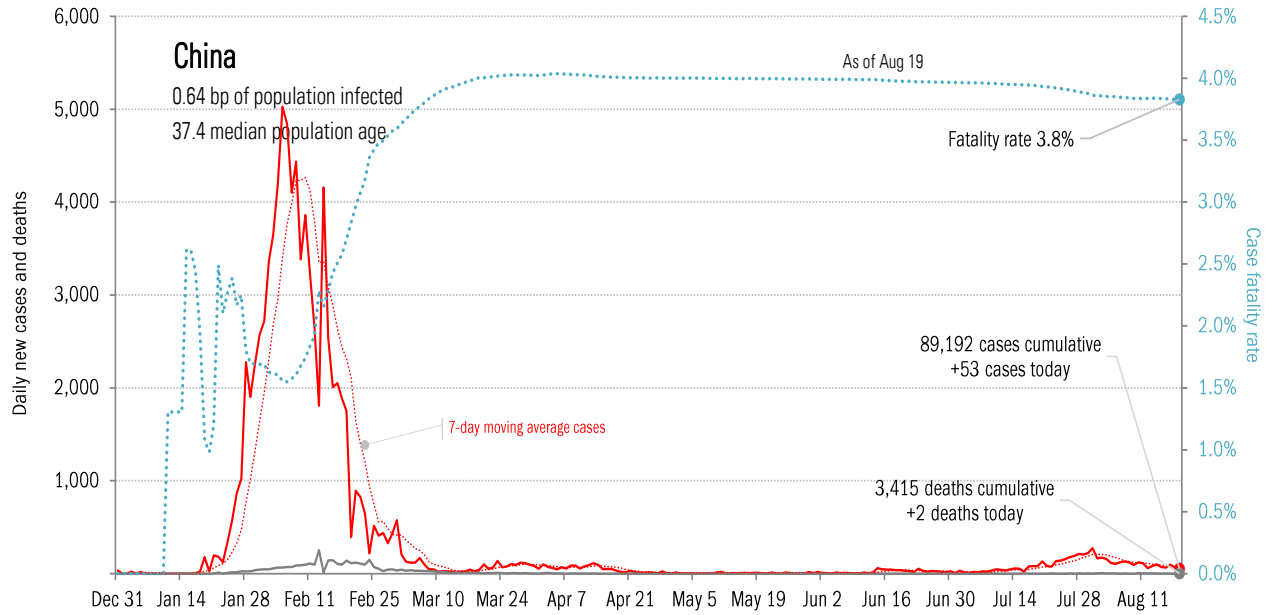
Source: [ECDC](#), TrendMacro calculations

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



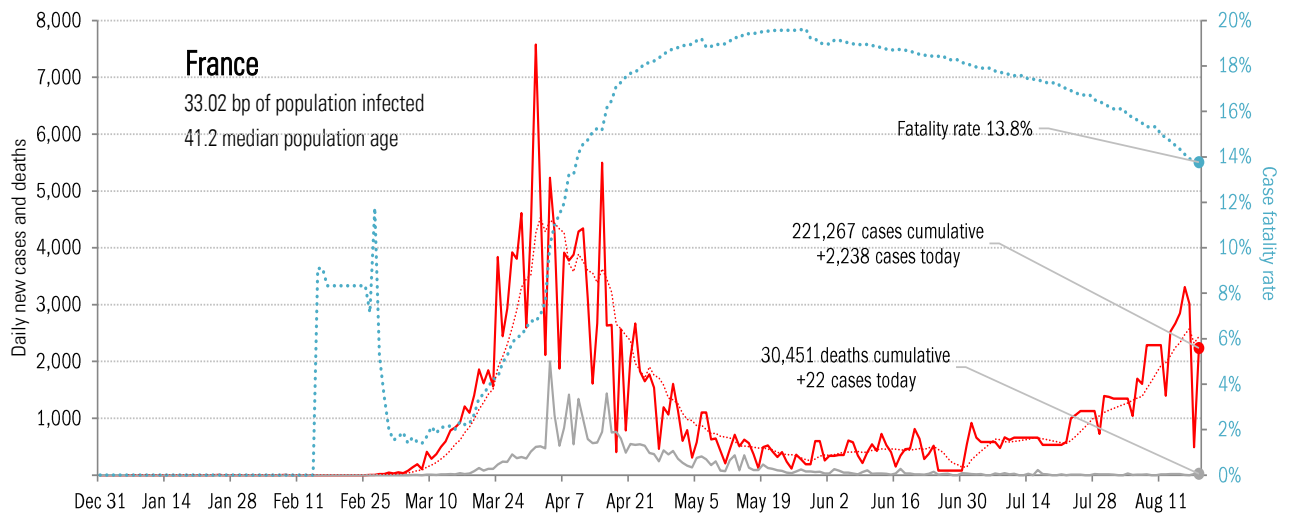
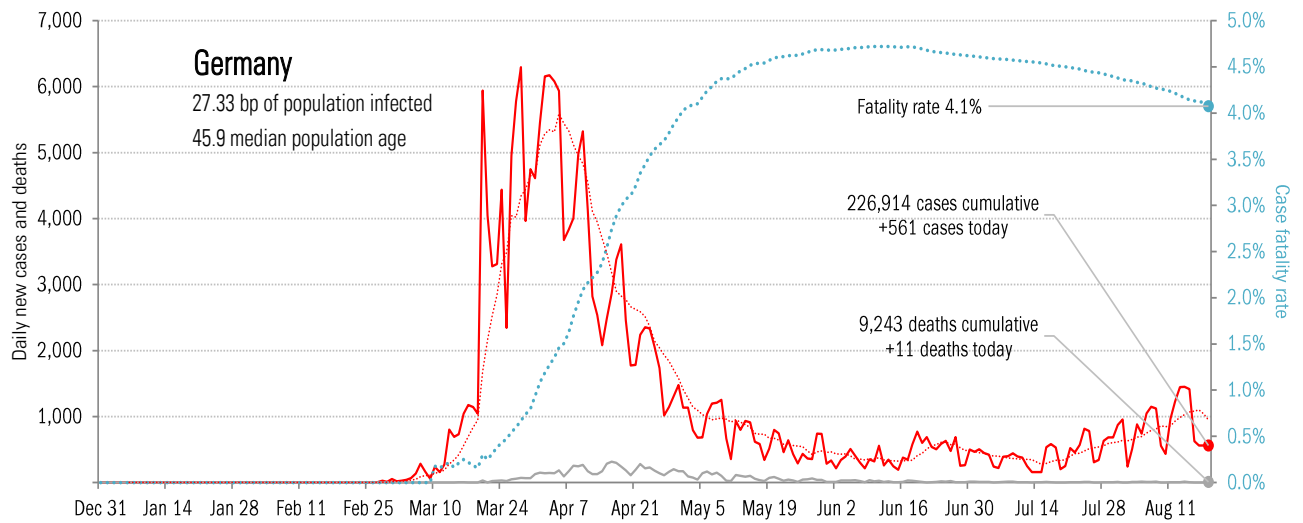
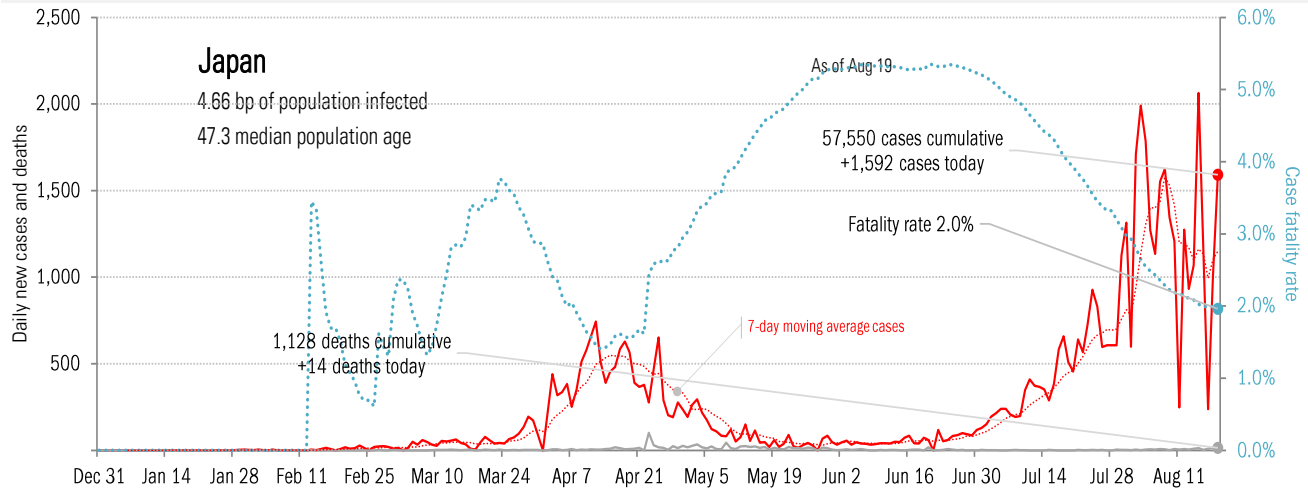
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



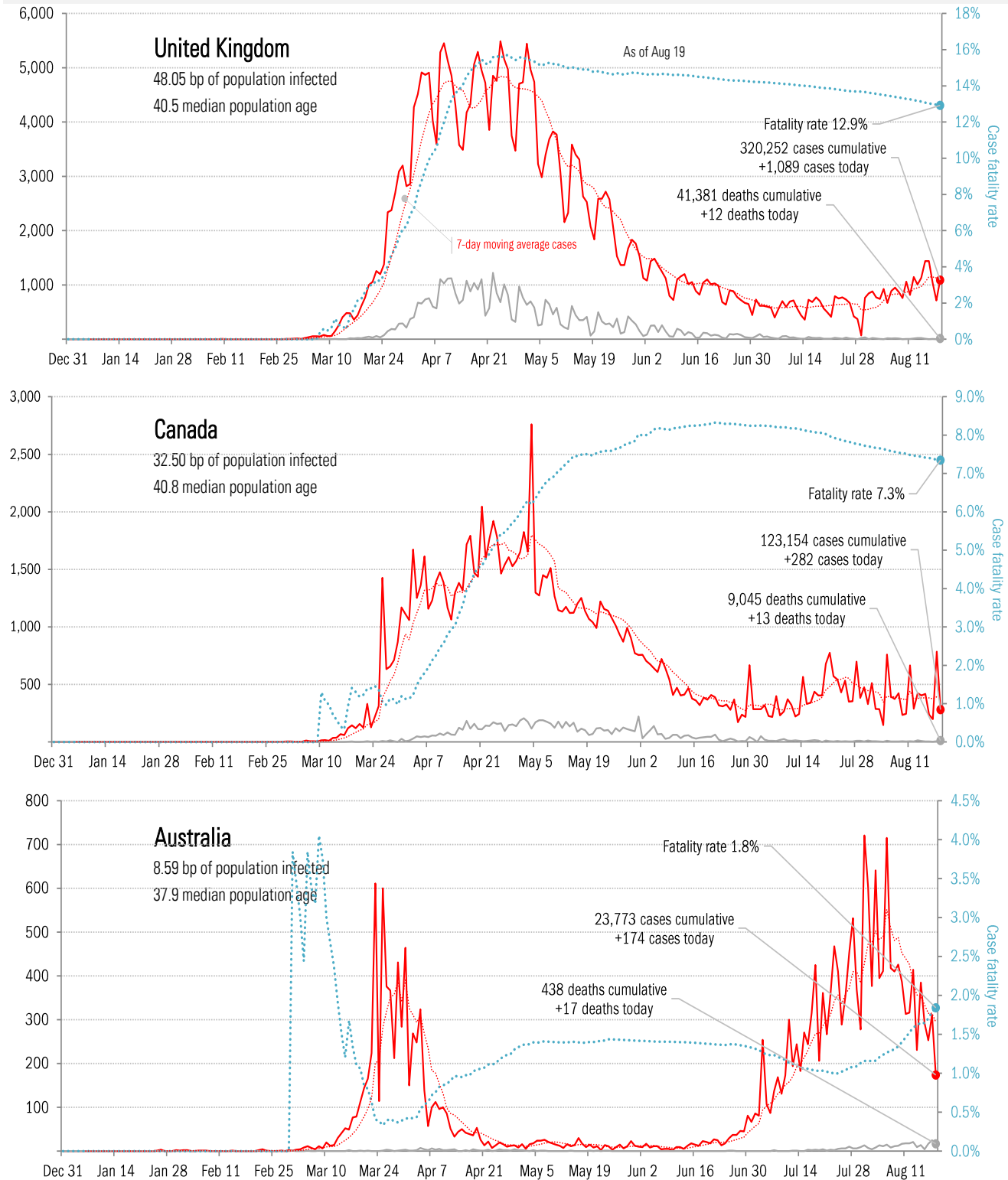
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



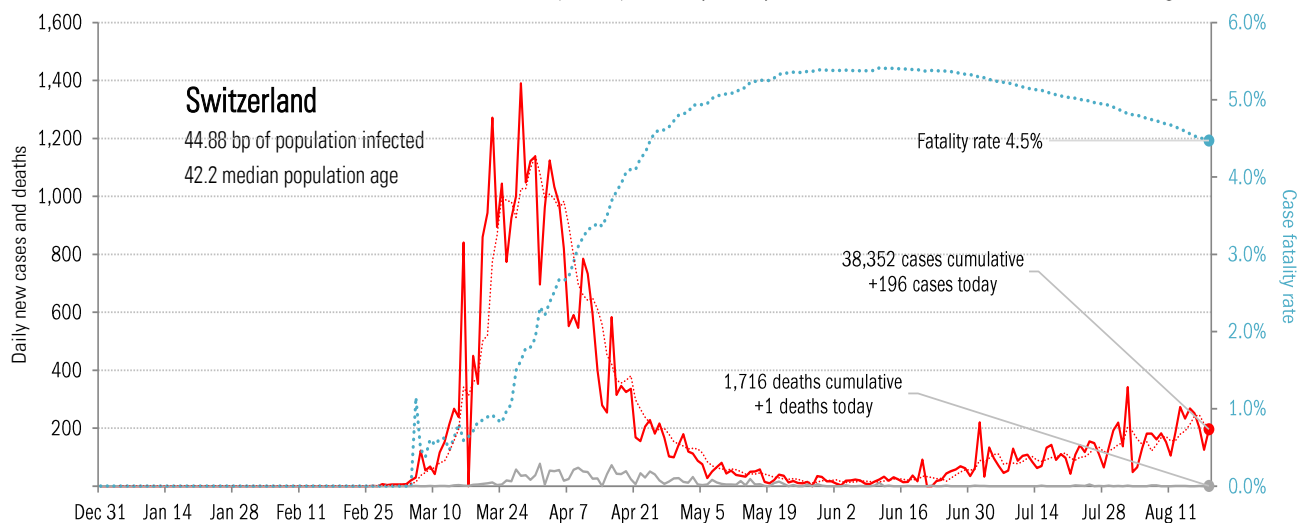
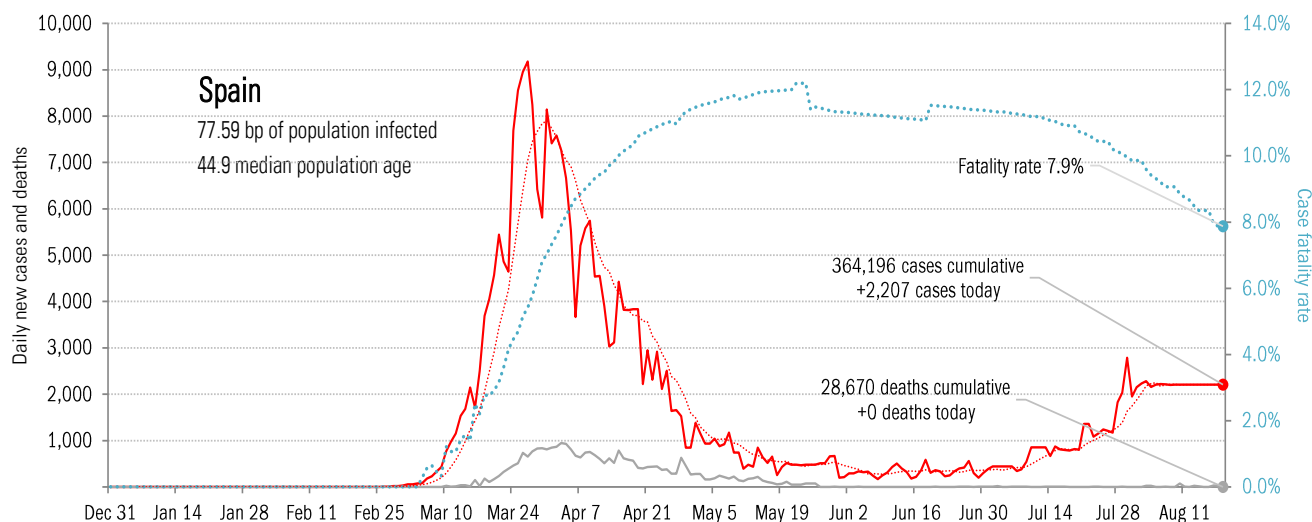
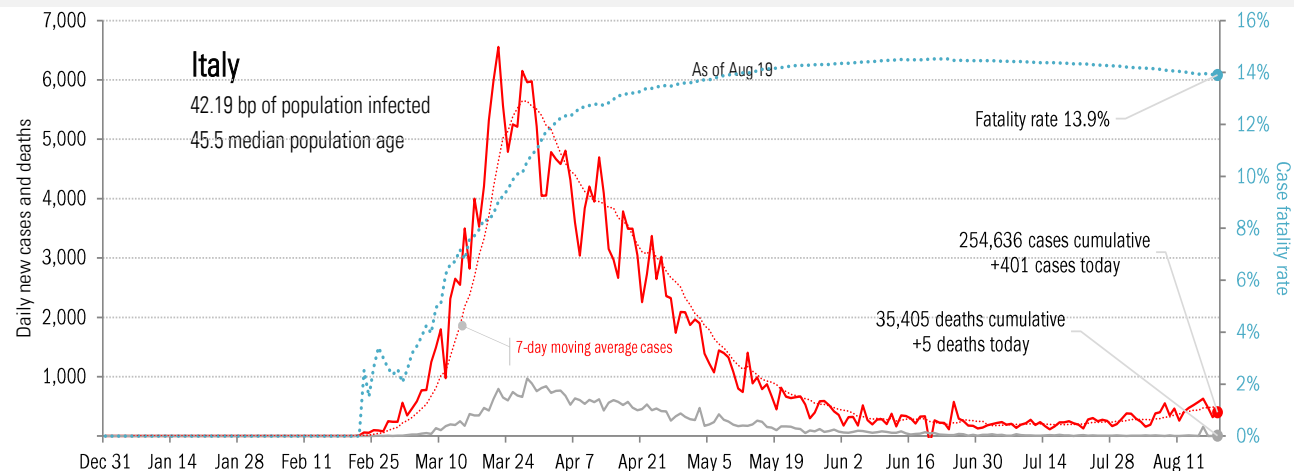
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



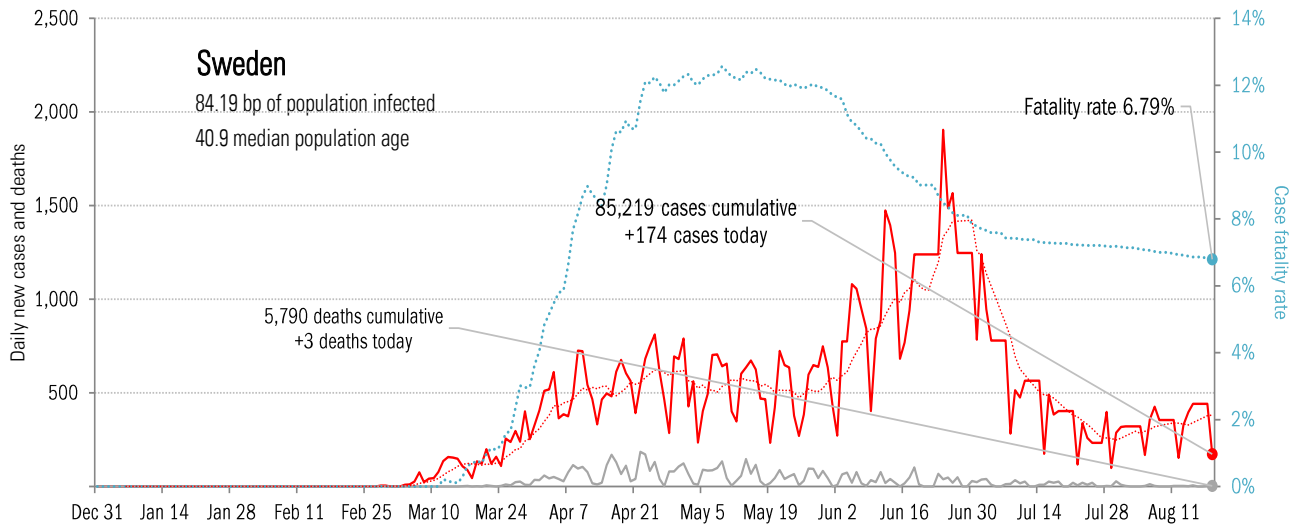
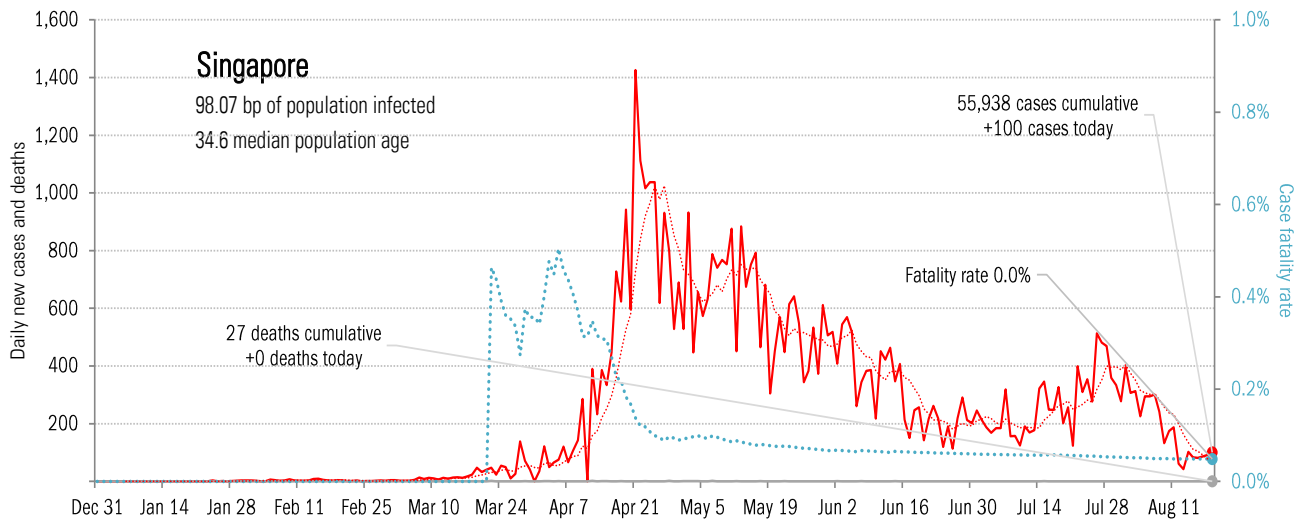
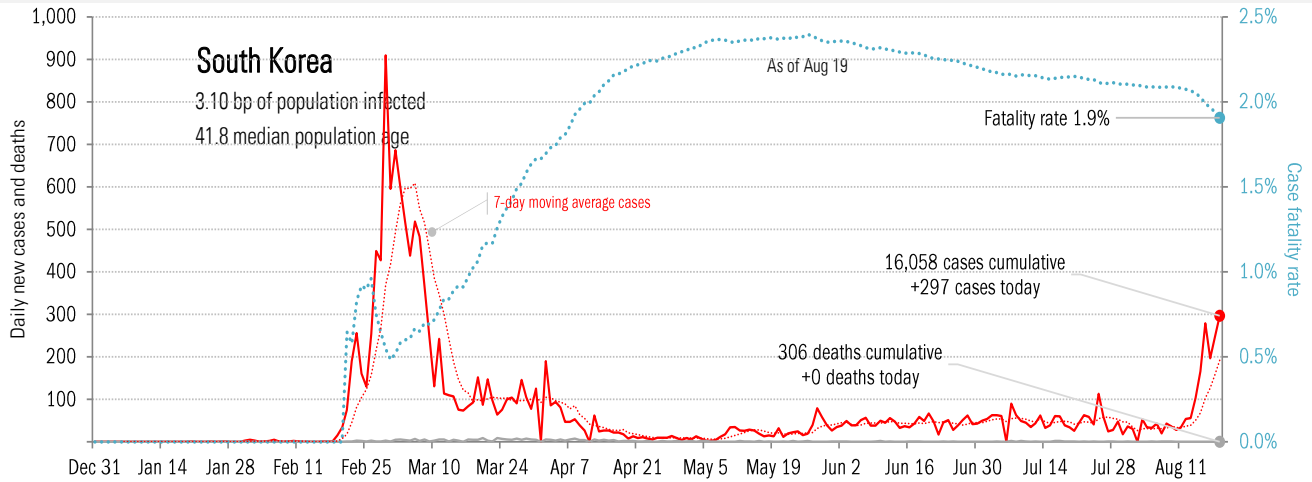
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

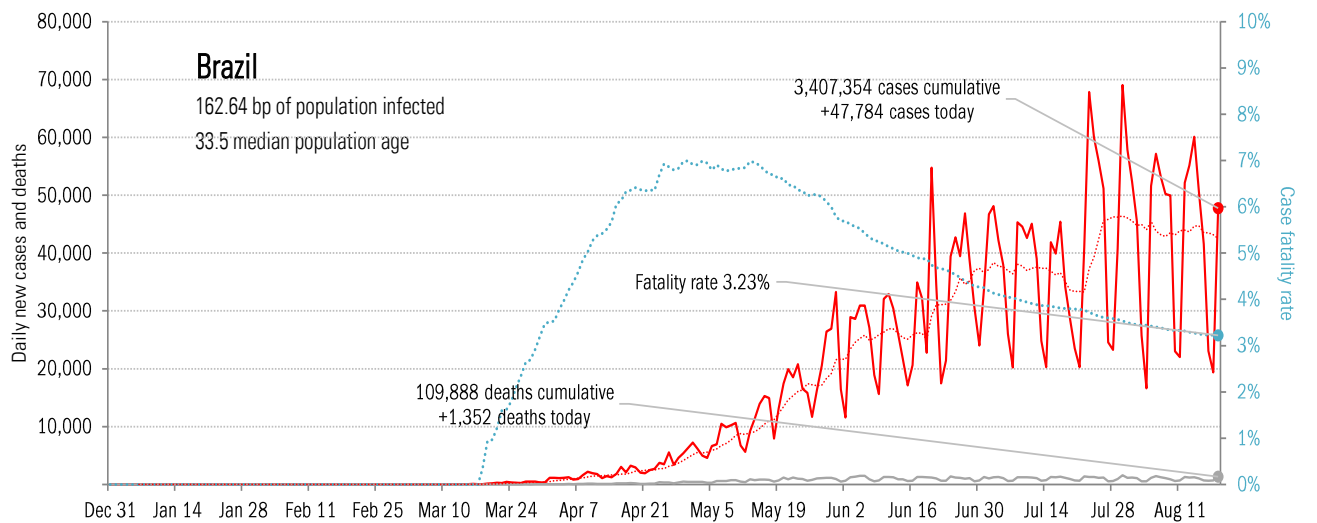
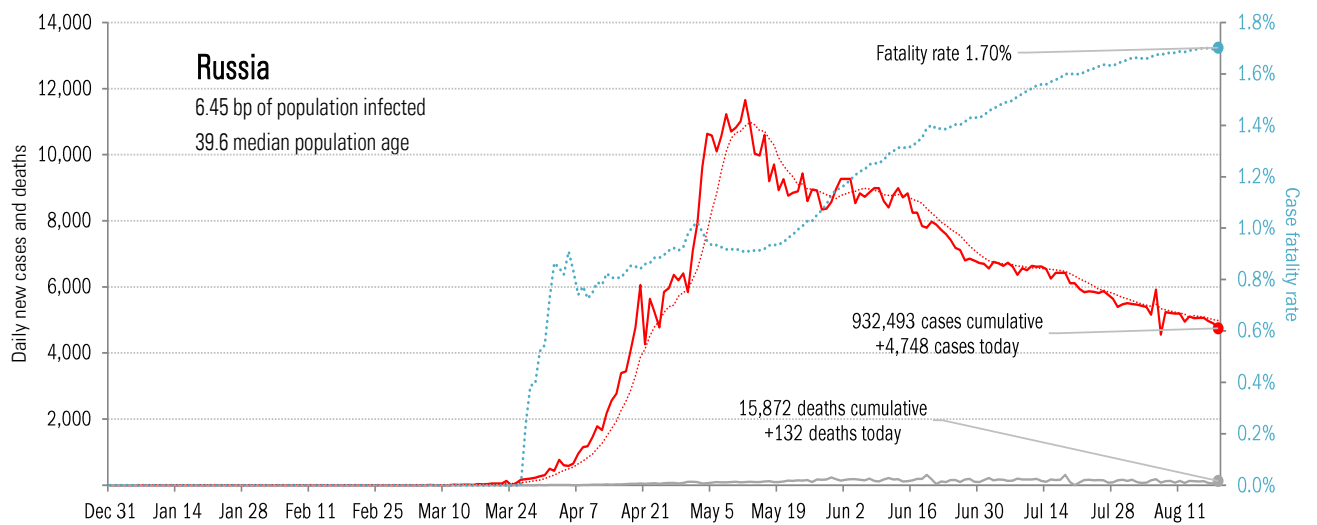
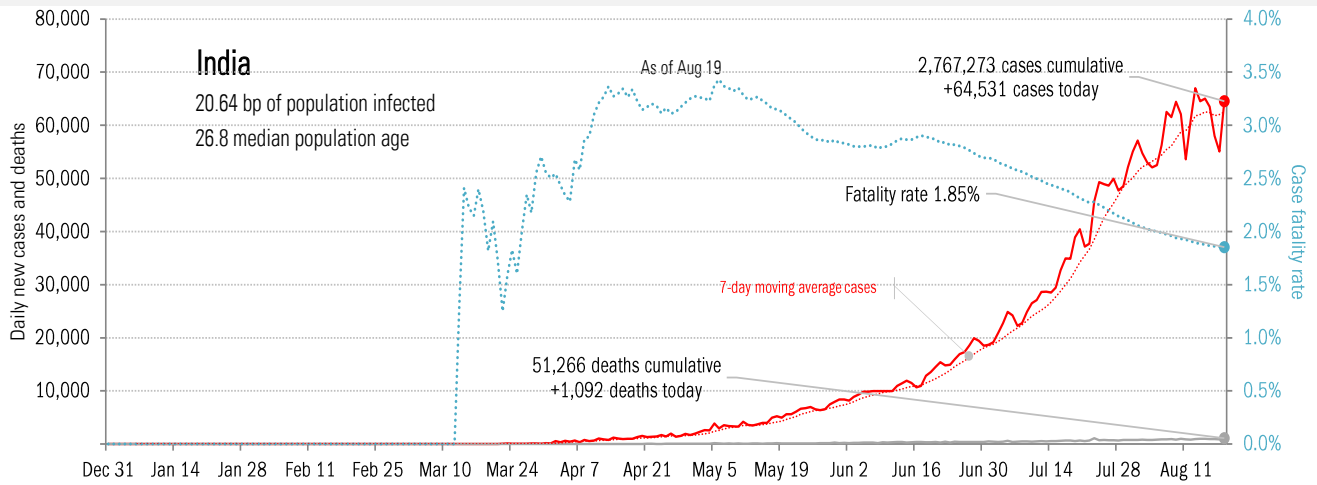
# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

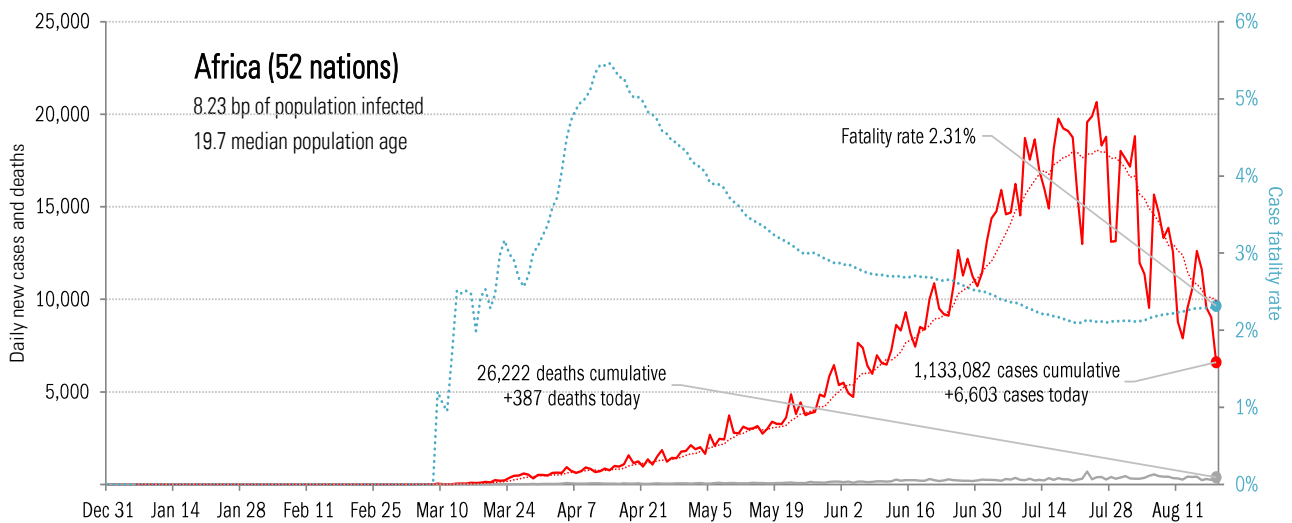
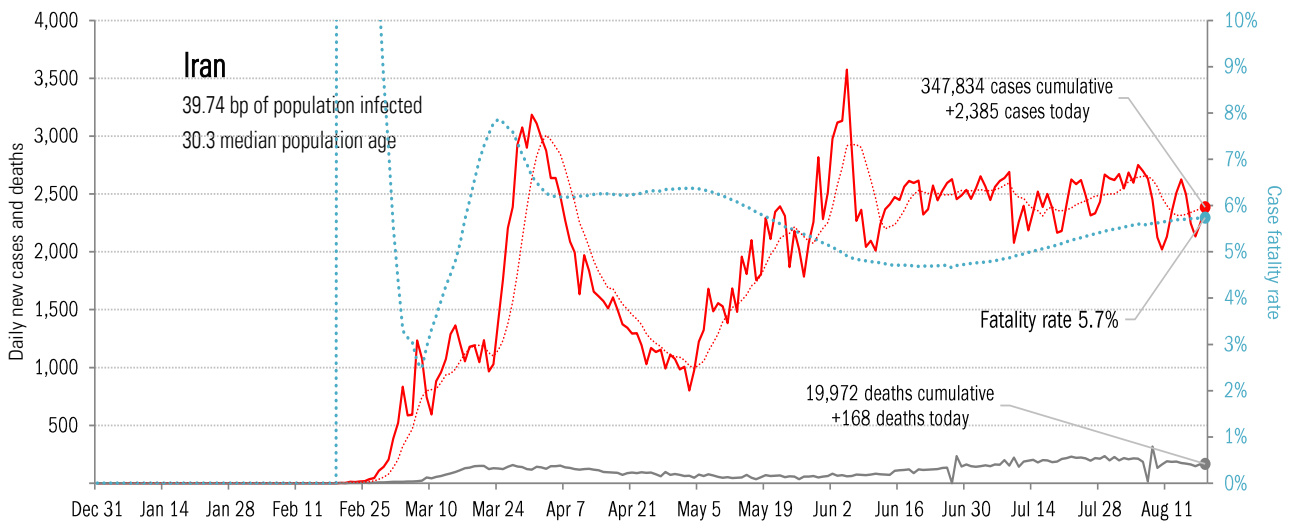
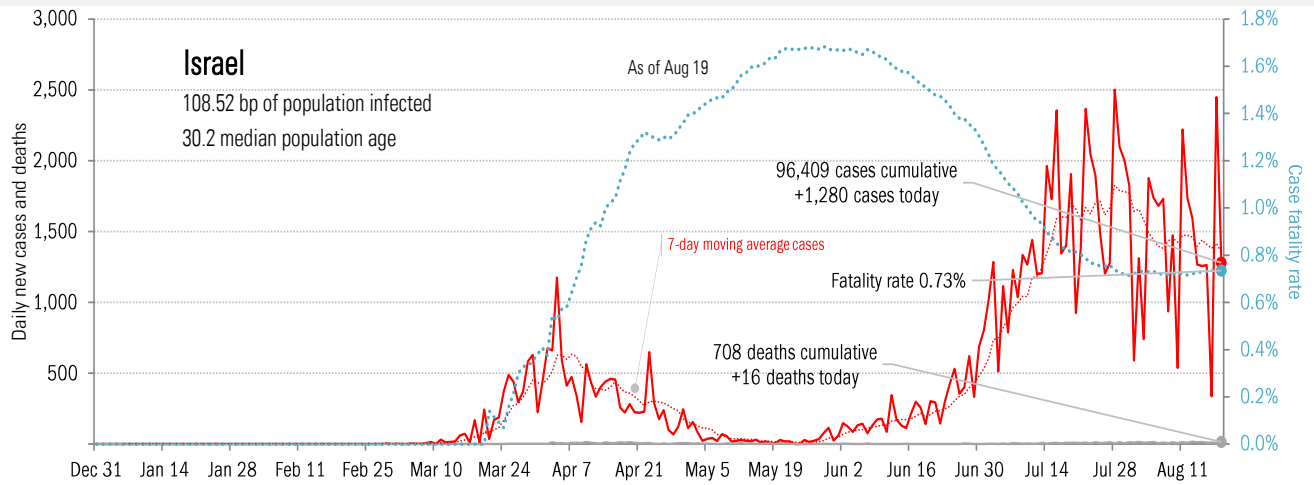


# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations