

## Data Insights: Covid-2019 Monitor

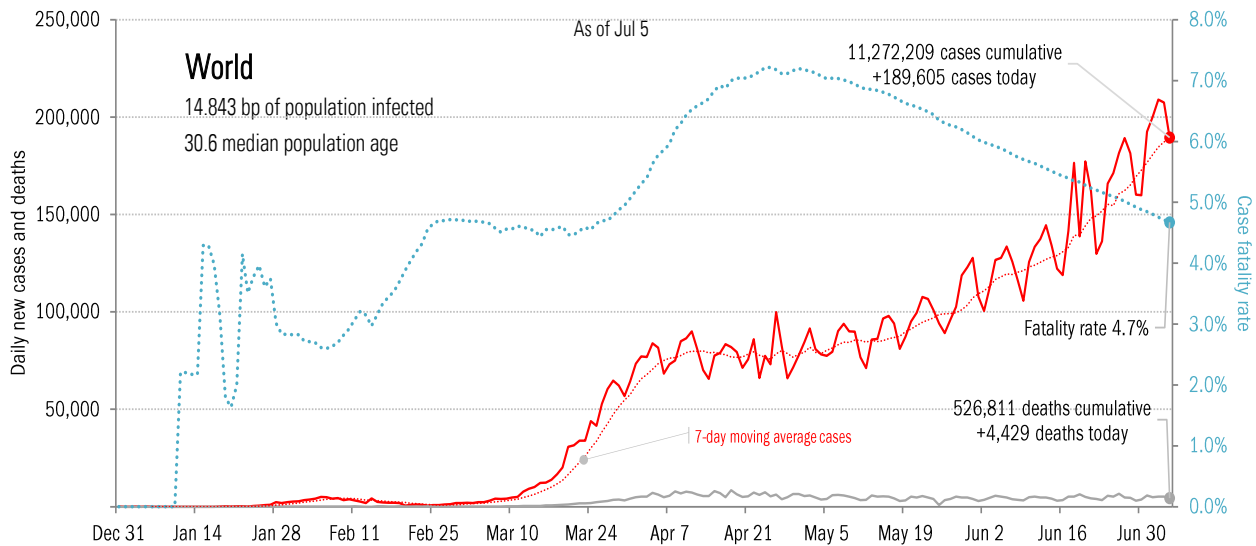
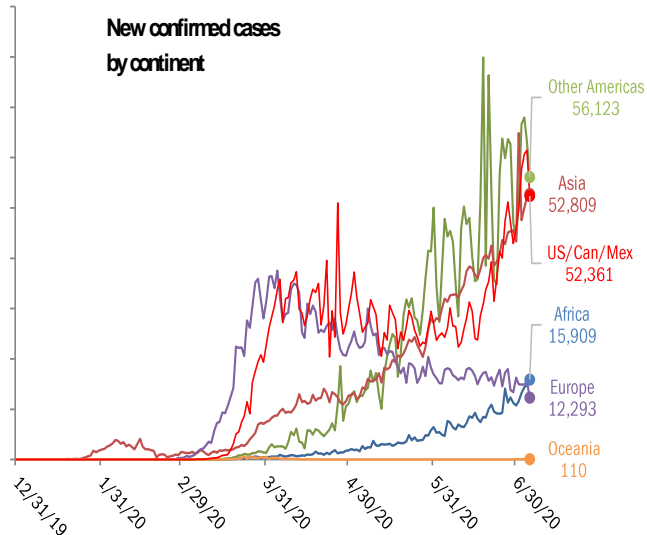
Sunday, July 5, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+45,221	Brazil	+1,091
Brazil	+37,923	India	+613
India	+24,850	Mexico	+523
South_Africa	+10,853	US	+242
Mexico	+6,914	Peru	+186
Russia	+6,632	Russia	+168
Saudi	+4,128	Colombia	+165
Colombia	+3,884	Iran	+148
Chile	+3,758	Chile	+141
Peru	+3,481	Iraq	+106
<b>+147,644</b>		<b>+3,383</b>	
World	+189,605	World	+4,429
Top ten	78%	Top ten	76%

#### New confirmed cases by continent



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

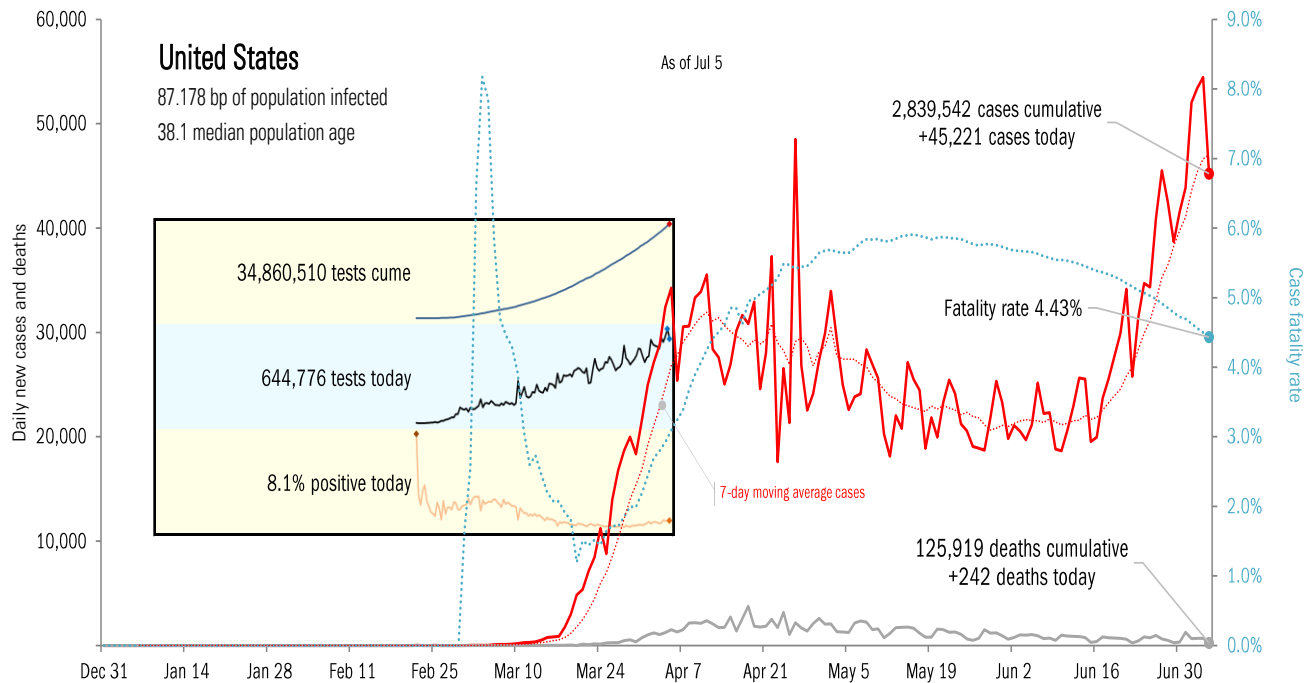
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
FL	+11,458	CA	+50	FL	+245	NY	396,598	NY	24,896	NY	89,995
TX	+8,258	TX	+33	GA	+90	CA	254,745	NJ	15,189	NJ	20,233
CA	+6,510	NJ	+25	MD	+61	TX	191,790	MA	8,172	FL	16,040
GA	+2,826	MA	+23	MS	+60	FL	190,052	IL	7,224	GA	11,743
AZ	+2,695	SC	+20	AZ	+50	NJ	173,033	PA	6,749	MA	11,461
MS	+1,904	FL	+18	IN	+41	IL	147,734	CA	6,313	MD	11,034
SC	+1,854	AZ	+17	UT	+36	MA	109,838	MI	6,218	CT	10,411
TN	+1,428	MS	+15	TN	+35	AZ	94,553	CT	4,335	VA	9,549
NC	+1,413	MD	+13	CH	+27	GA	93,319	FL	3,803	CH	8,111
AL	+997	NY	+11	MA	+25	PA	89,375	LA	3,278	IN	7,216
<b>+39,343</b>		<b>+225</b>		<b>+670</b>		<b>1,741,037</b>		<b>86,177</b>		<b>195,793</b>	
All states	+52,406	All states	+306	All states	+871	All states	2,838,465	All states	122,464	All states	248,155
Top ten	75%	Top ten	74%	Top ten	77%	Top ten	61%	Top ten	70%	Top ten	79%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
AZ	-1,738	CA	-50	CH	-146	TX	+3,858
LA	-1,728	FL	-49	VA	-125	MI	+1,742
CA	-1,530	NJ	-32	FL	-96	AR	+562
CH	-1,466	PA	-31	GA	-63	PA	+495
KS	-929	VA	-25	NJ	-54	CH	+480



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

## Recommended reading

[Texas hospital CEO: COVID inpatient count 'misinterpreted,' level of alarm 'unwarranted'](#)

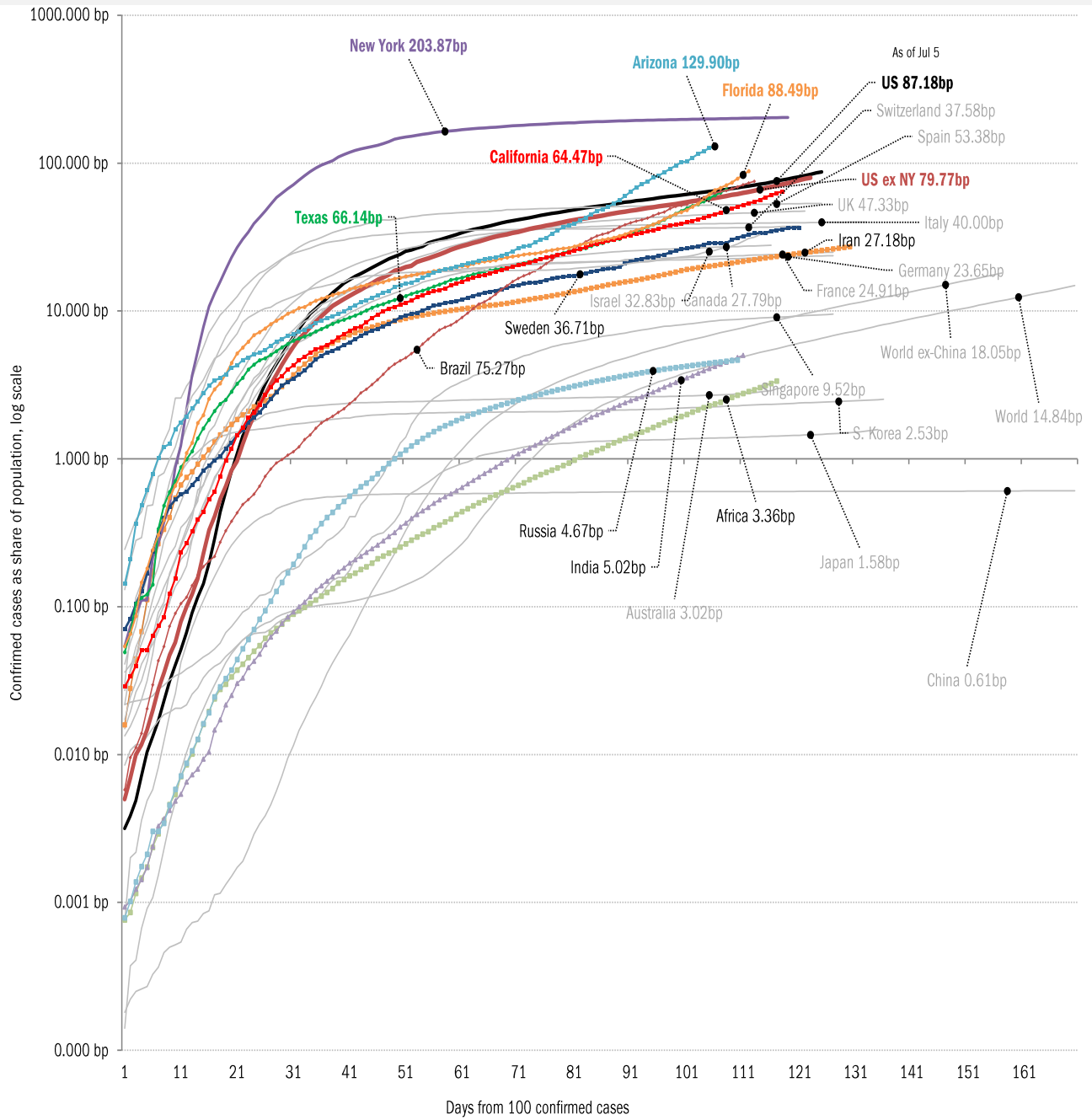
Daniel Payne  
*Just the News*  
June 25, 2020

## Meme of the day



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

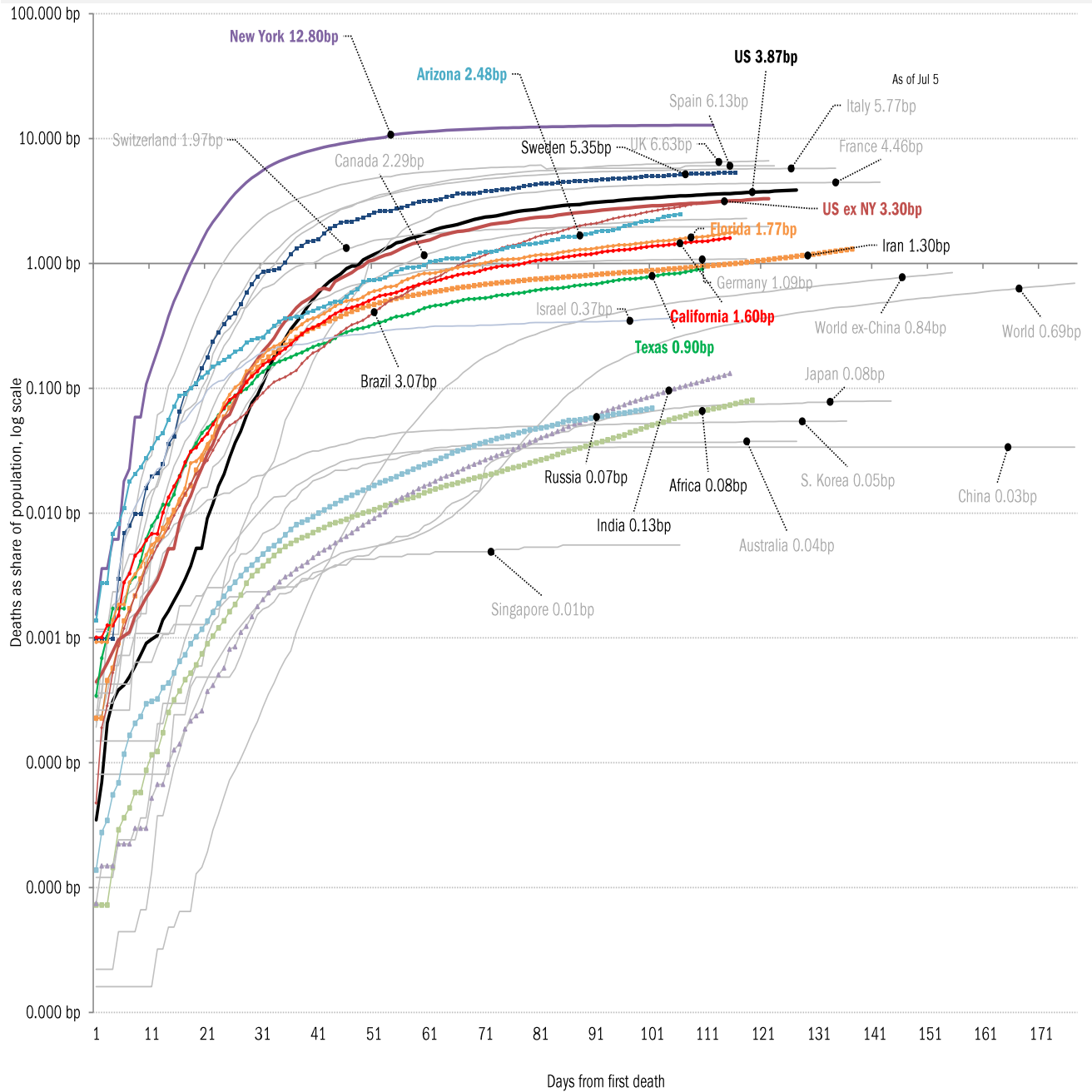
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

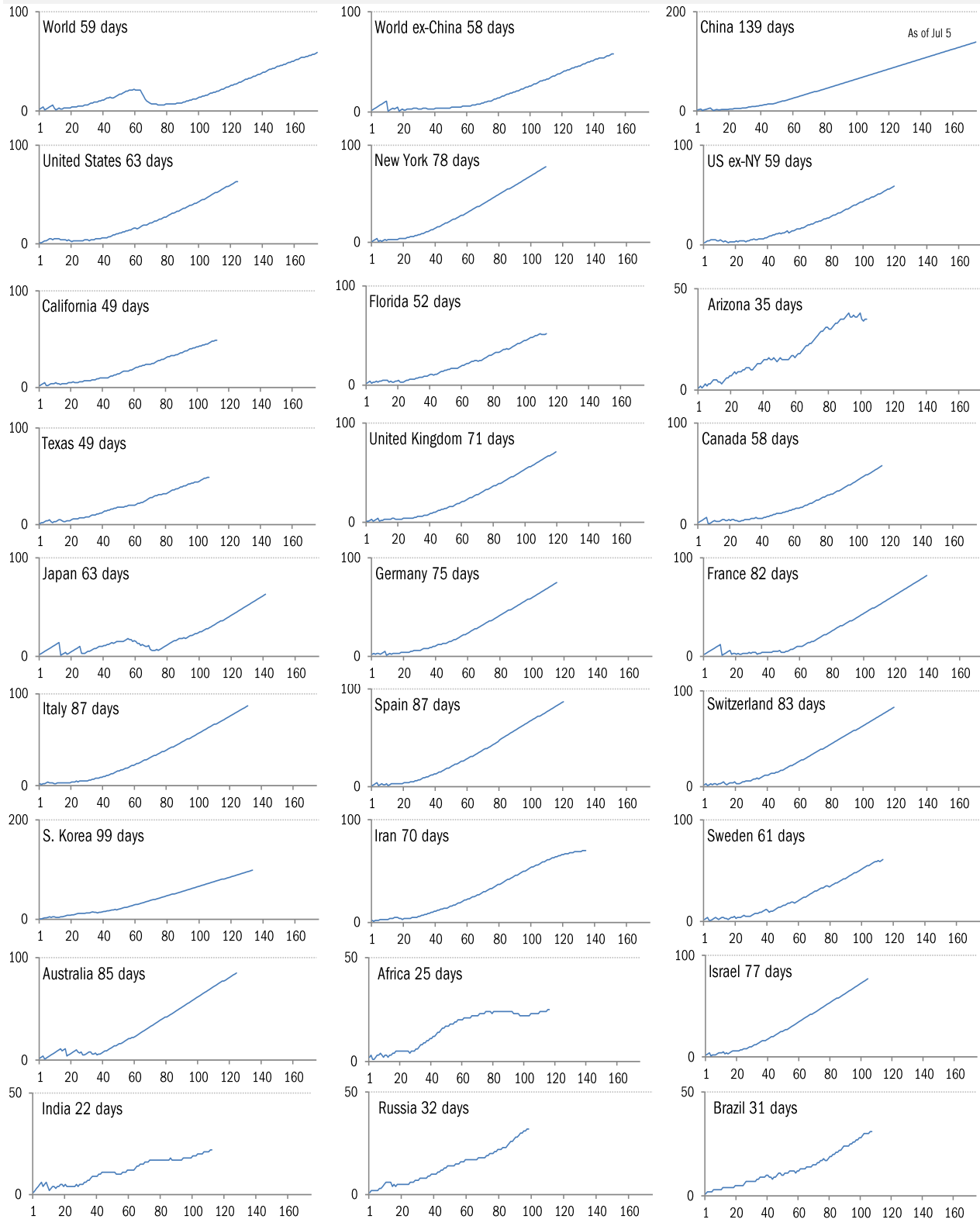
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

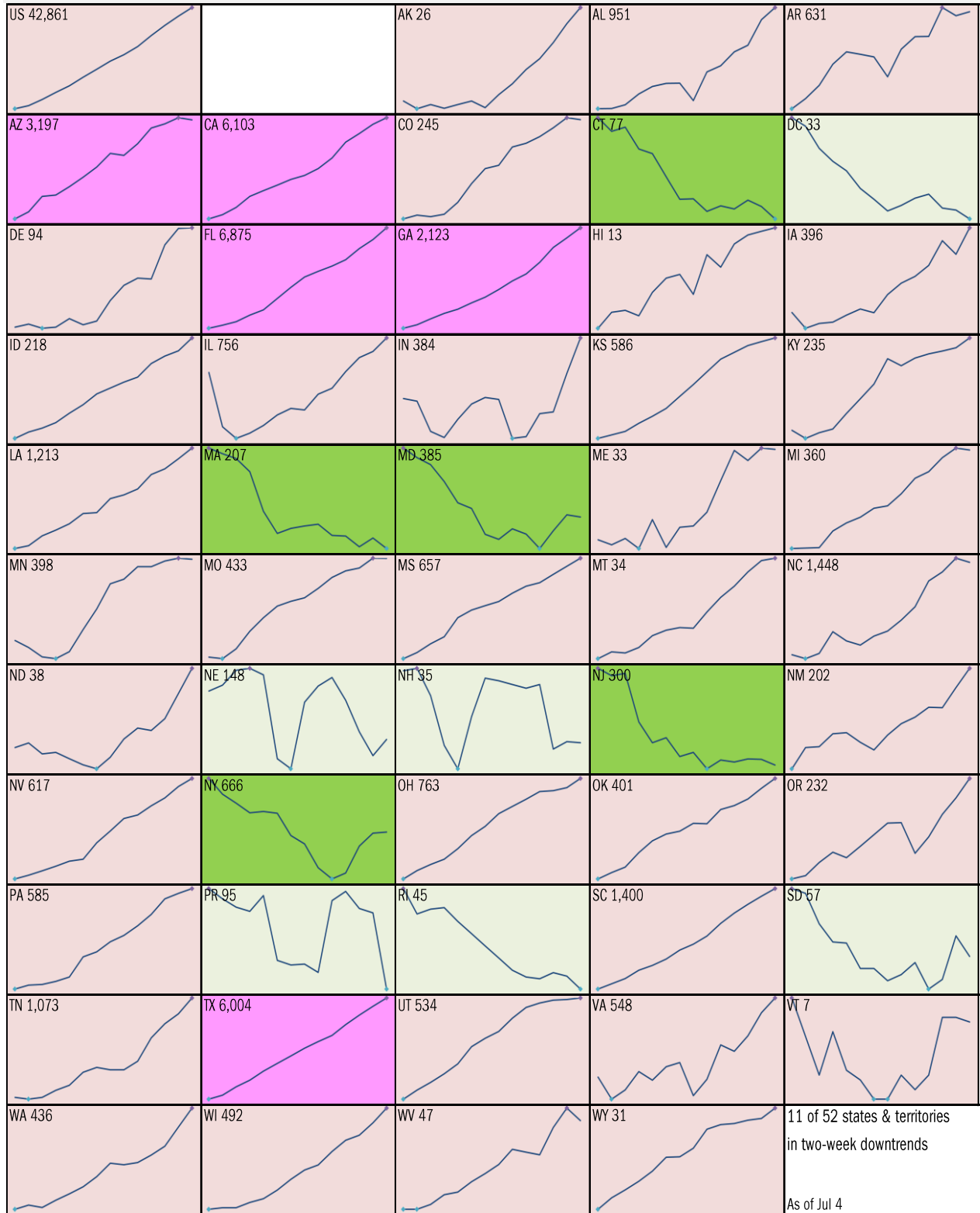
# Our most reliable evidence of slowing exponential growth of Covid-2019

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

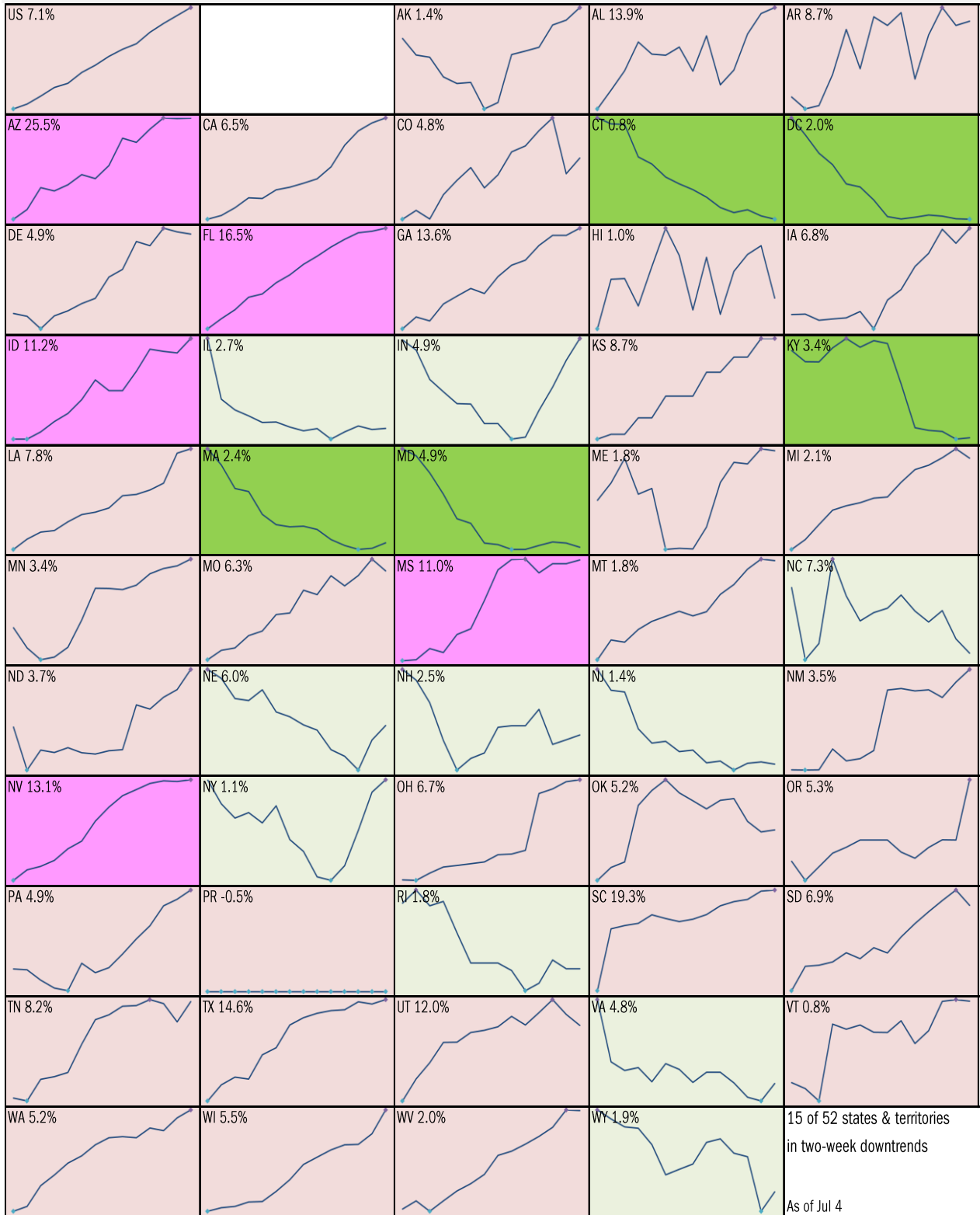


Source: [Covid Tracking Project](#), TrendMacro calculations

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

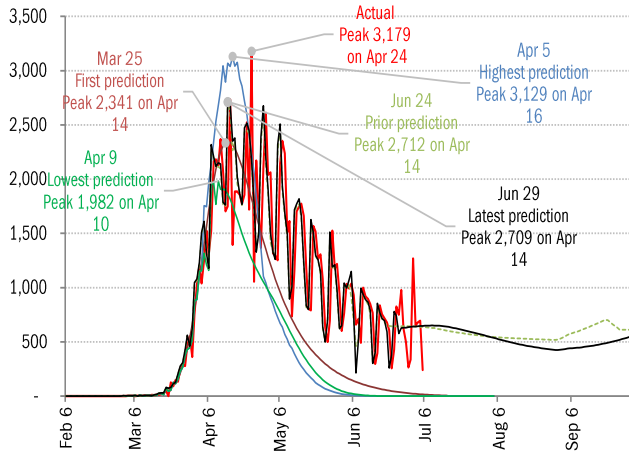


# Reality-checking the models: actuals versus [IHME](#) predictions

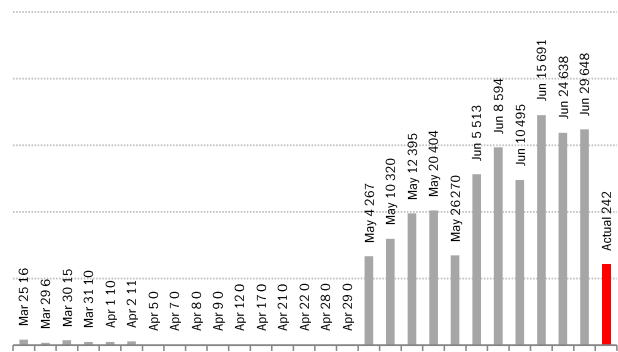
## New daily fatalities

As of Jul 5

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

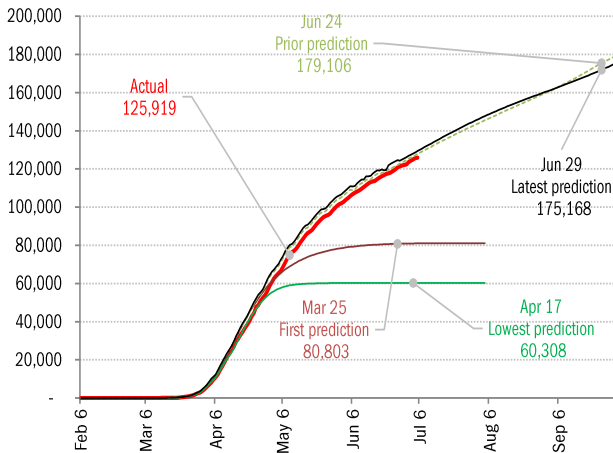


For this day, versus all model mean predictions

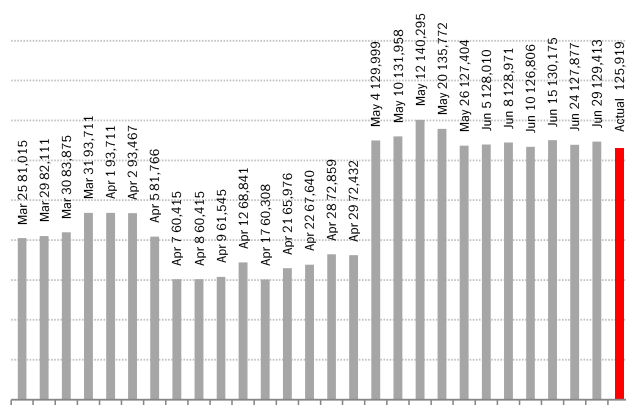


## Cumulative fatalities

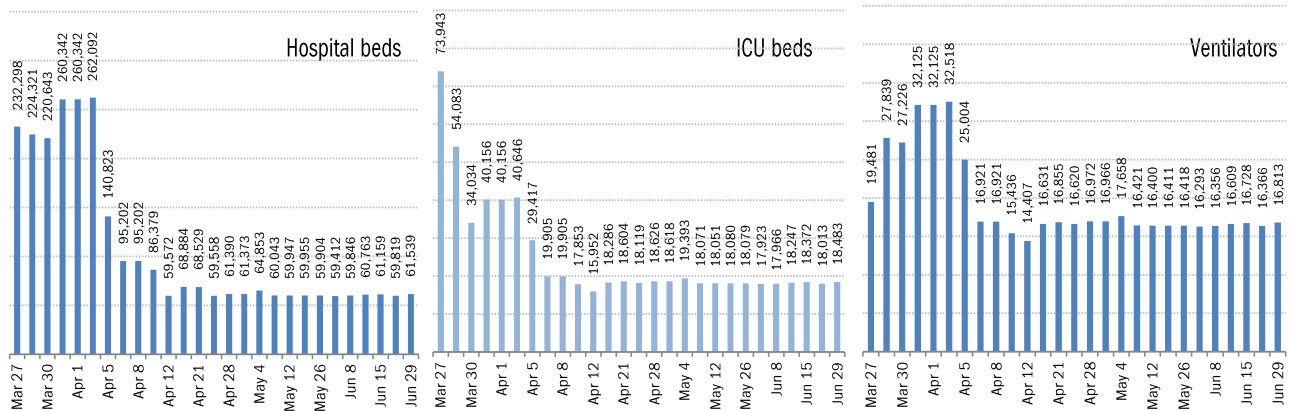
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

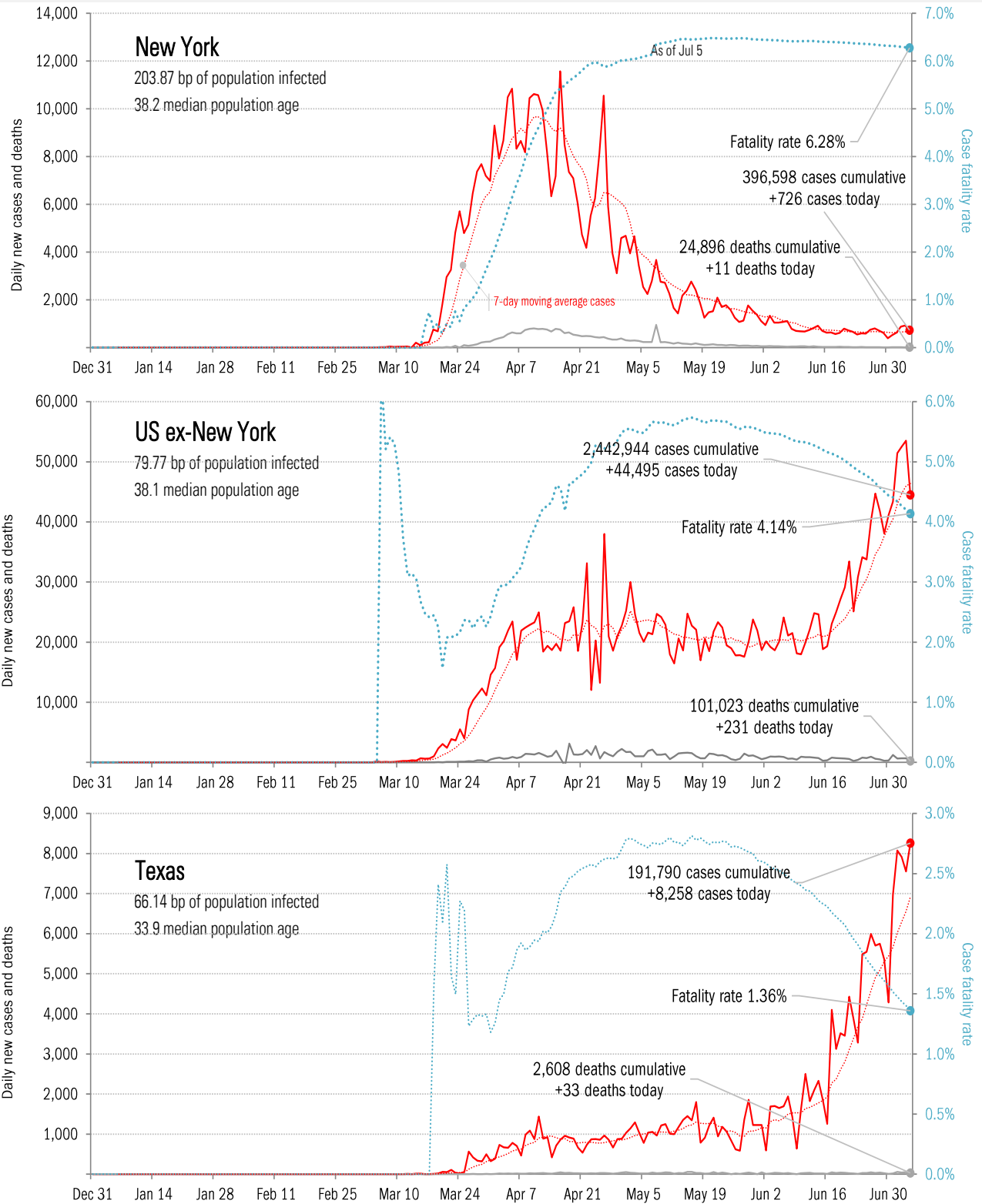


## Healthcare system stress, peak estimated at each model revision



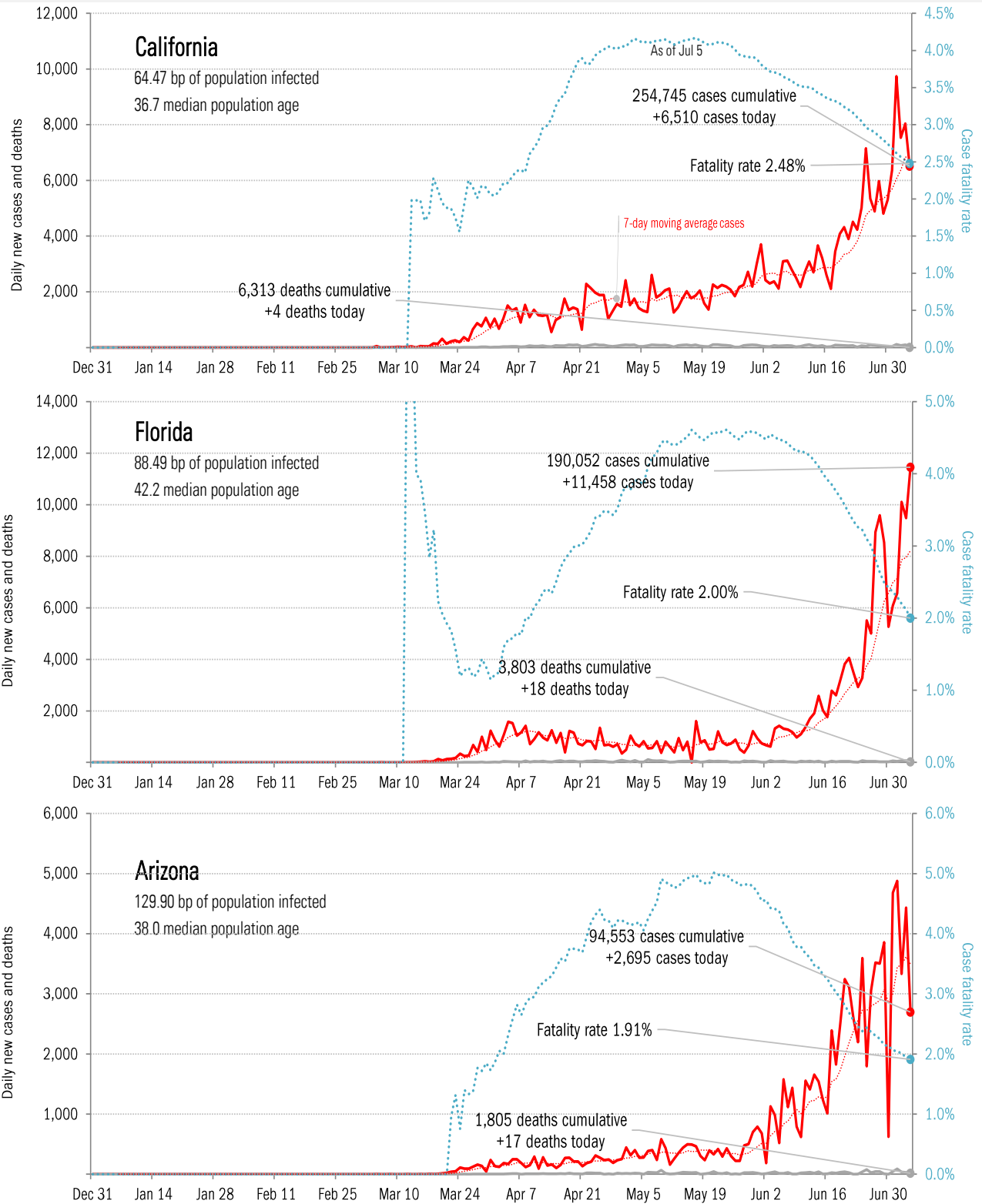
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



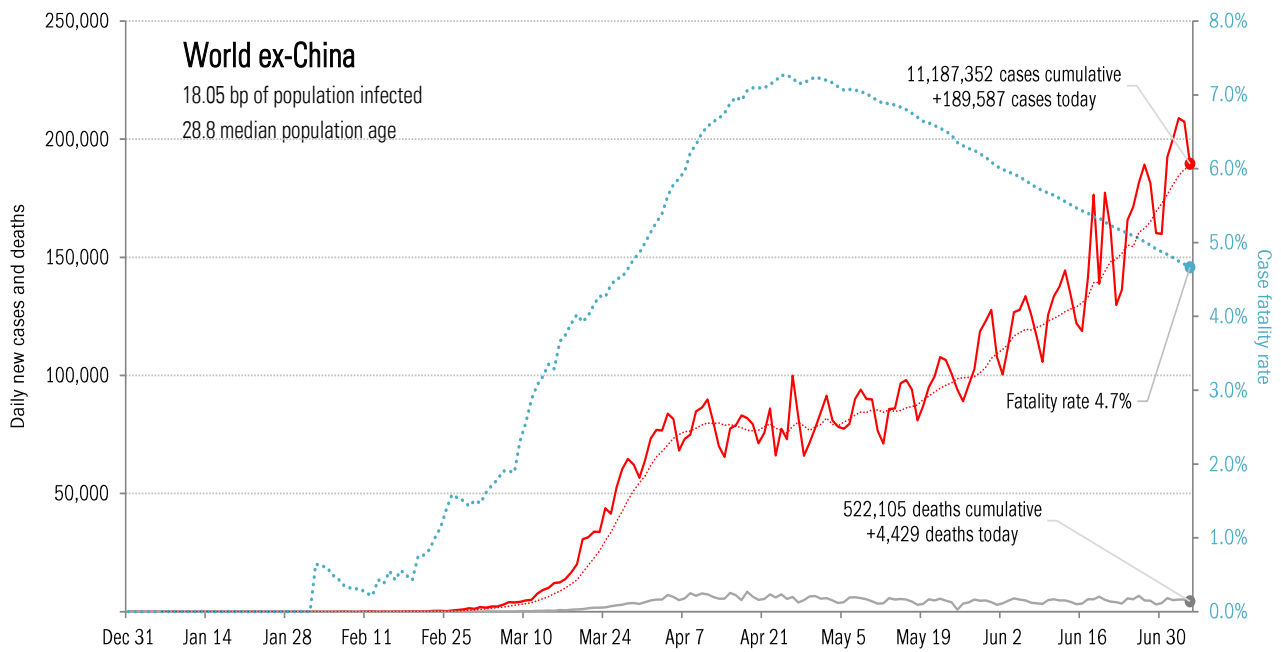
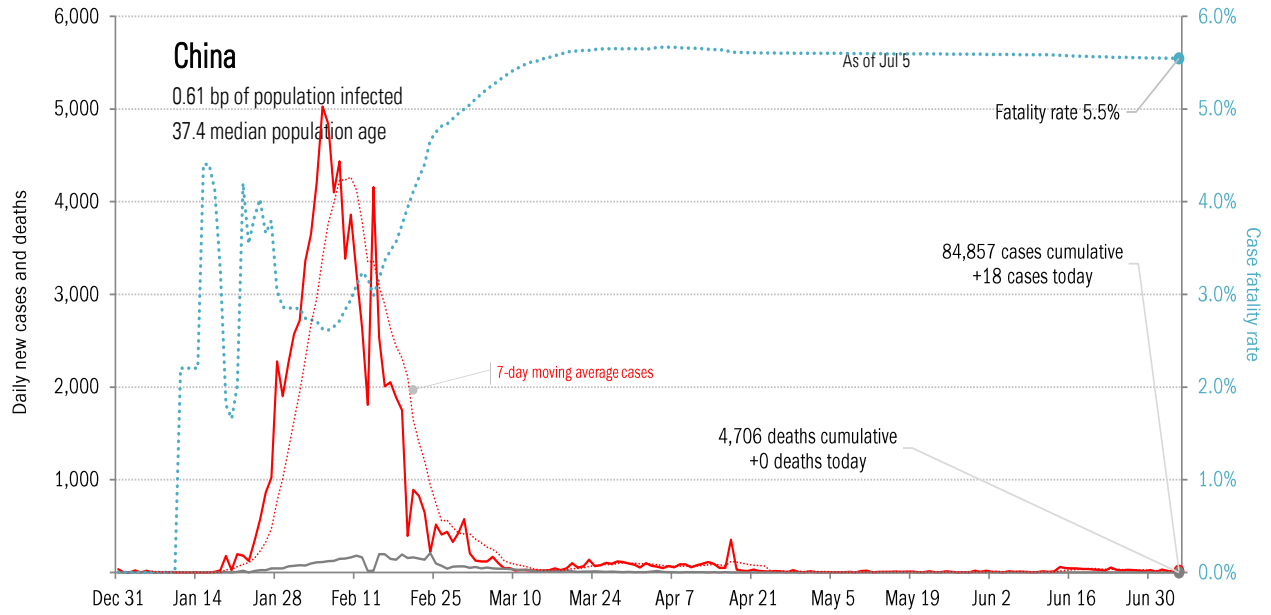
Source: [ECDC](#), TrendMacro calculations

# The "second wave" states (other than Texas)



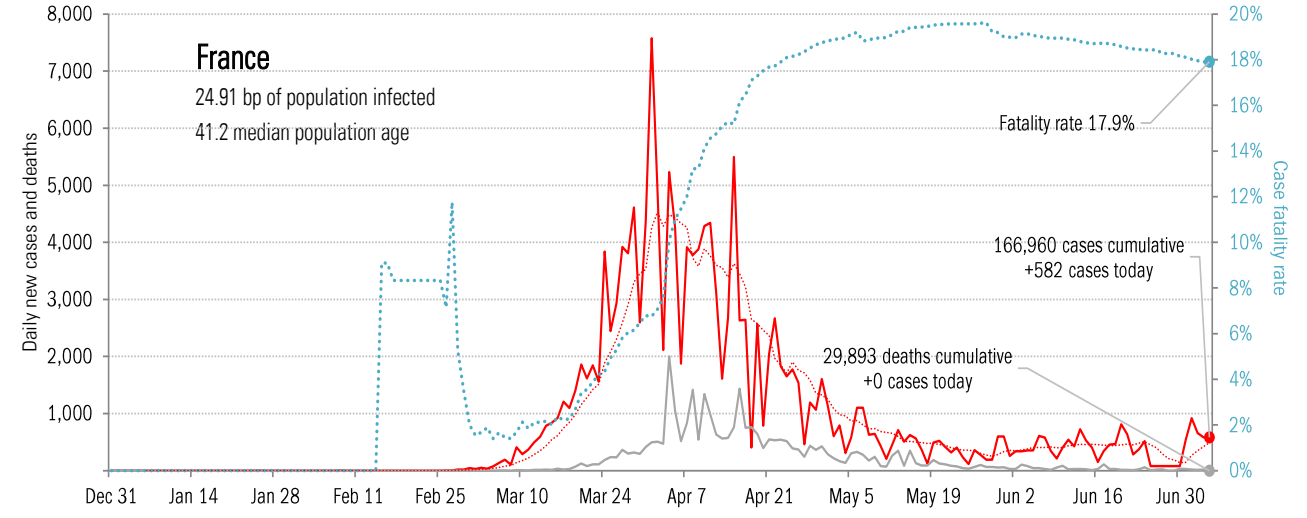
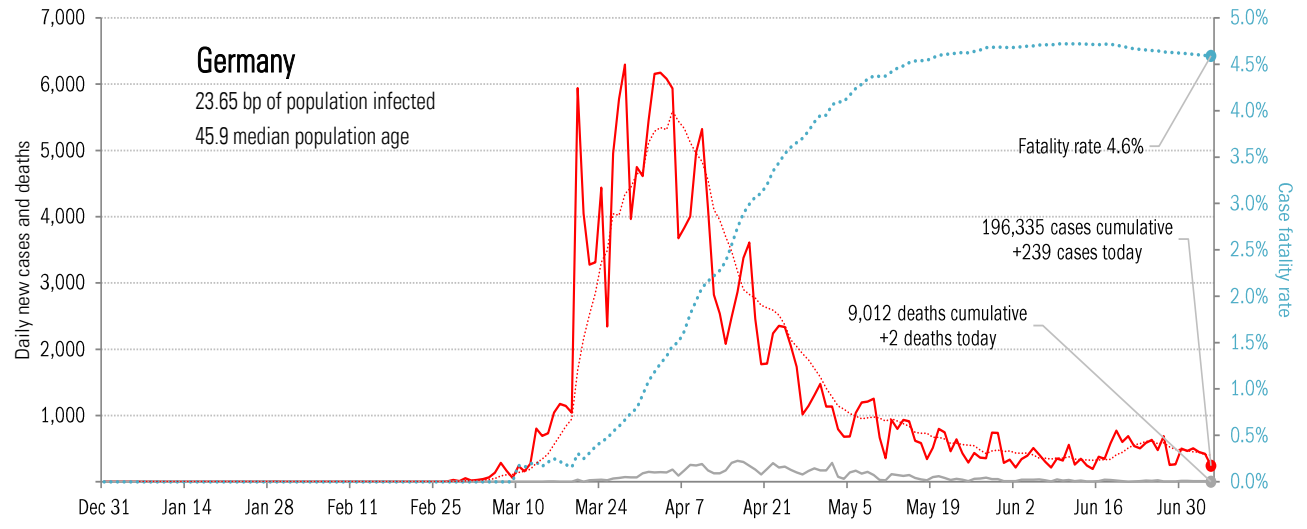
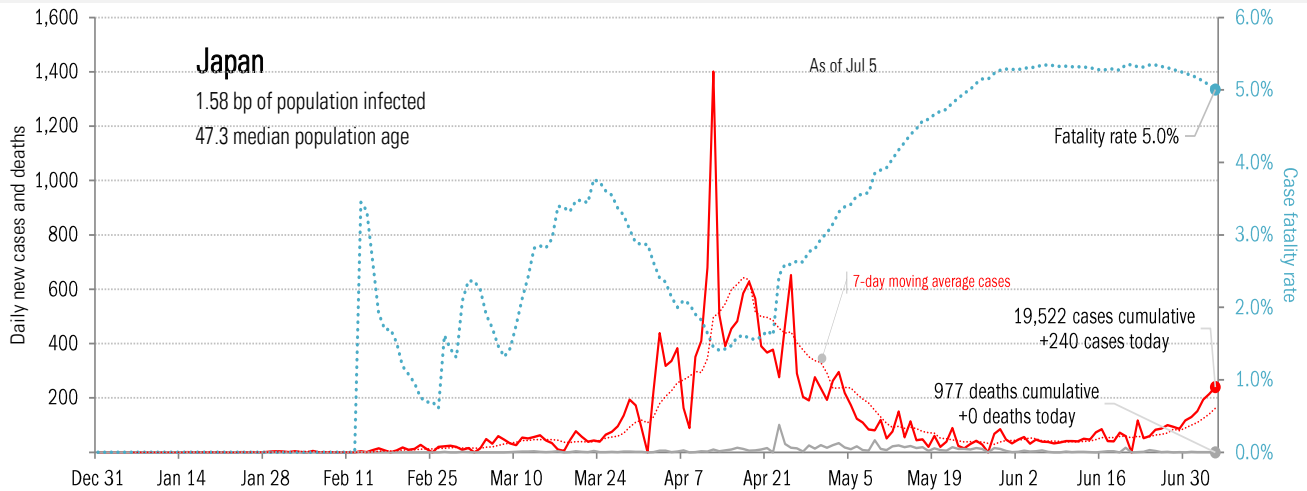
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



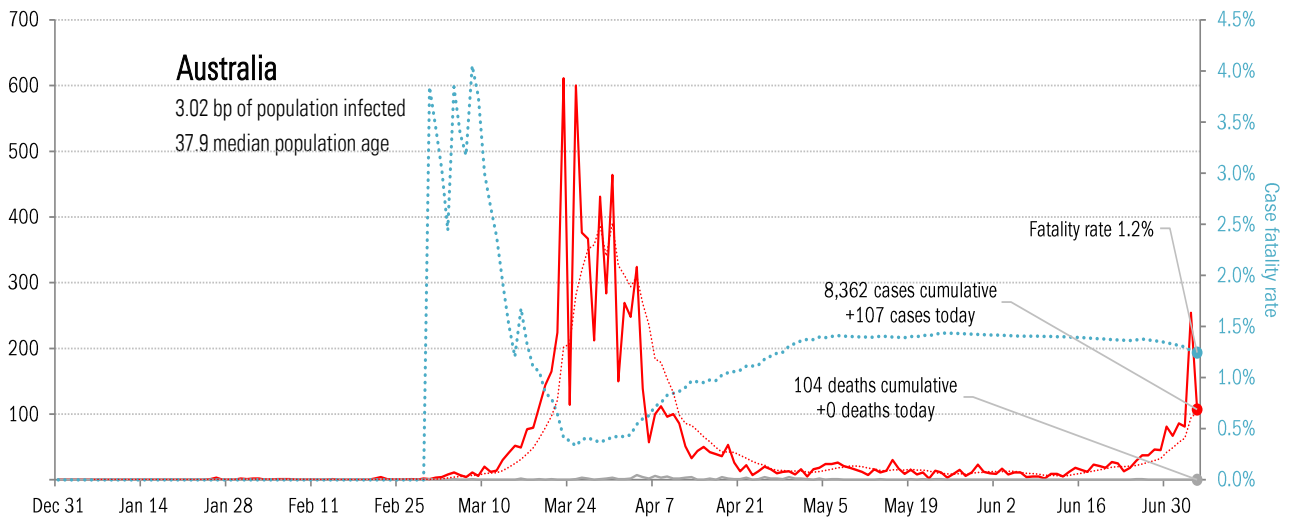
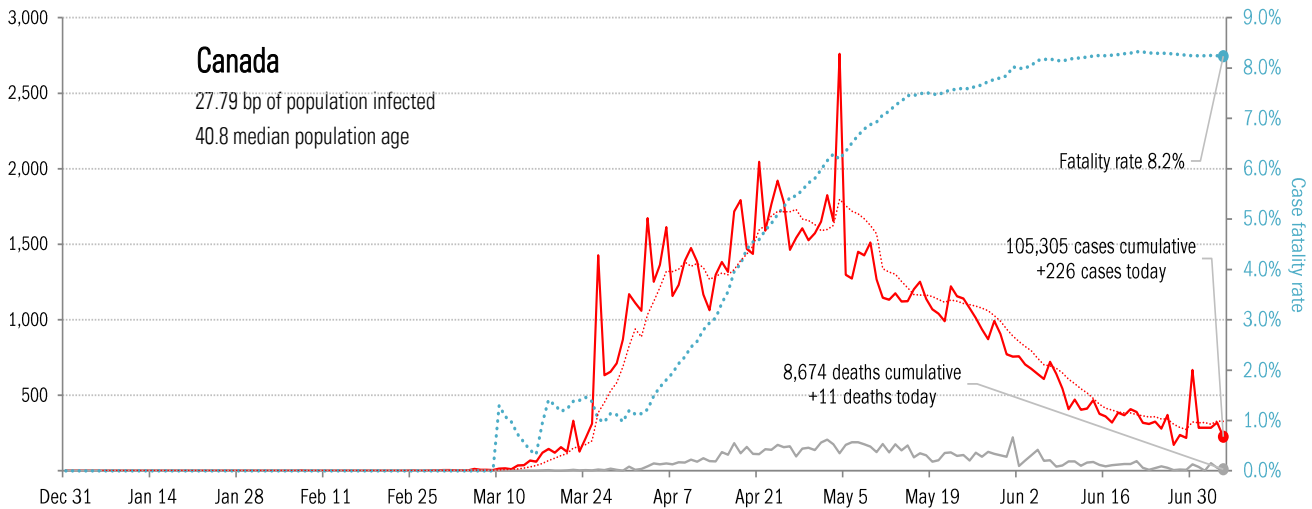
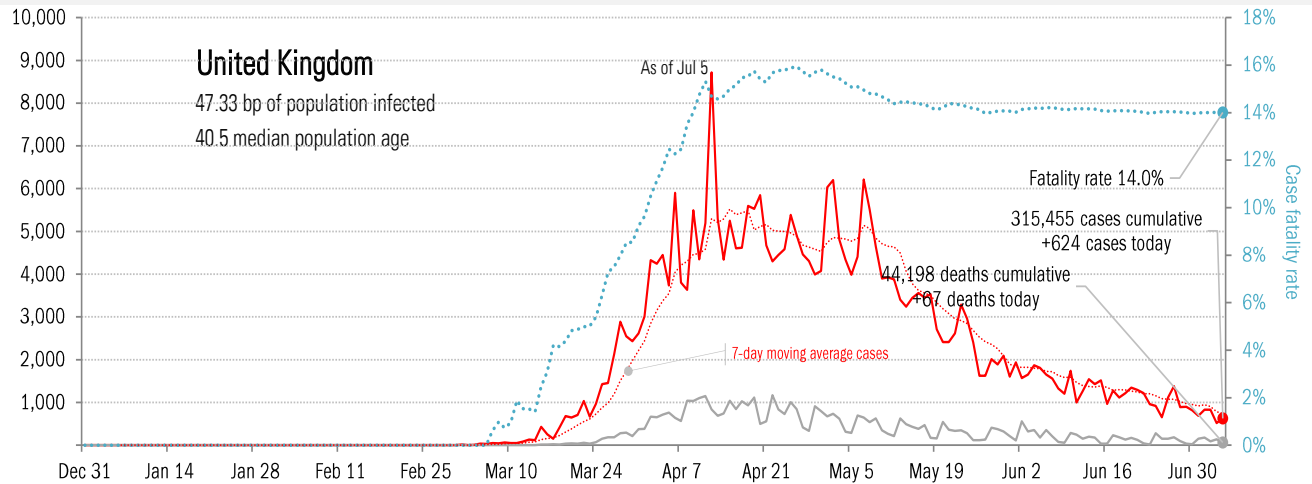
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



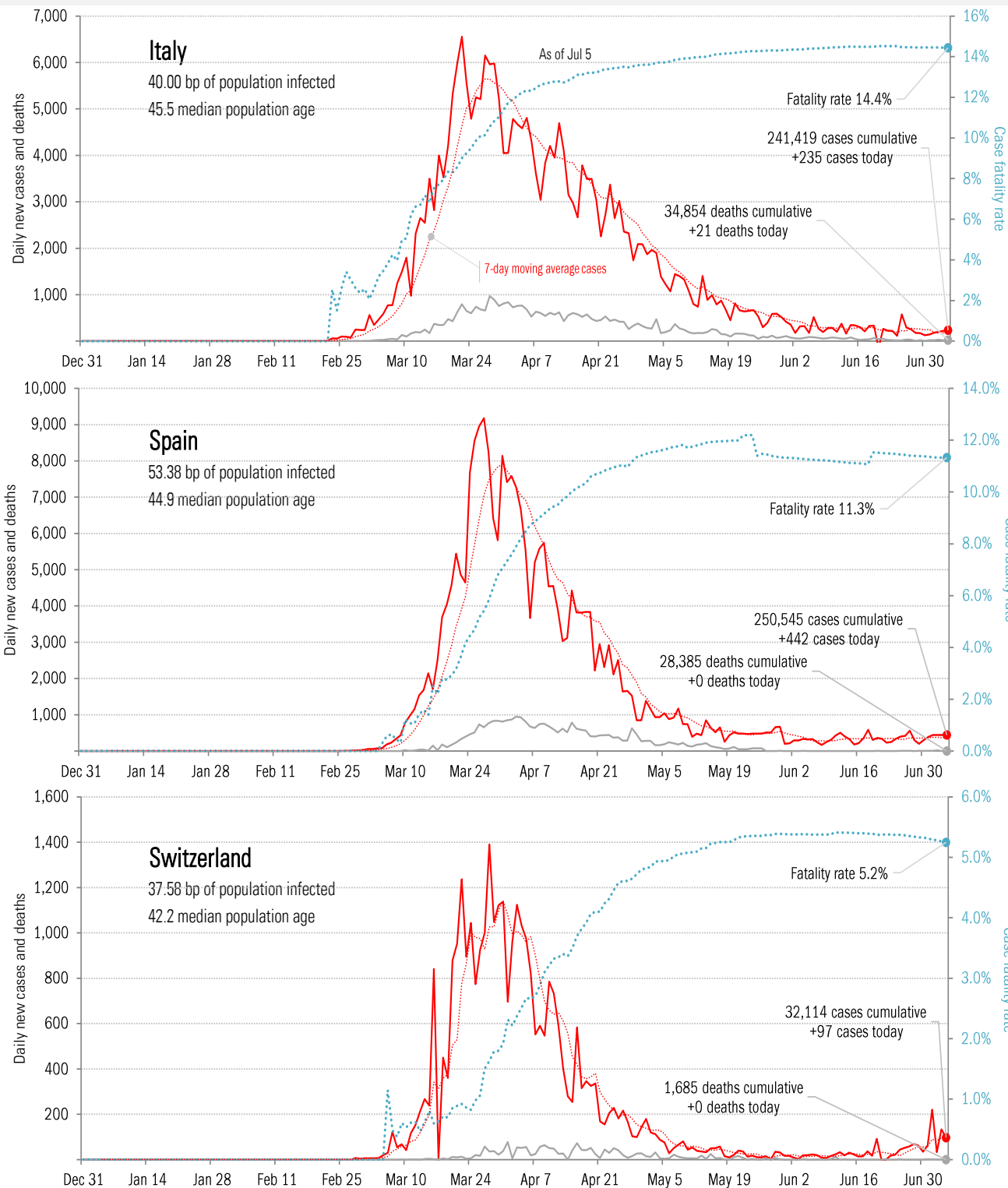
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



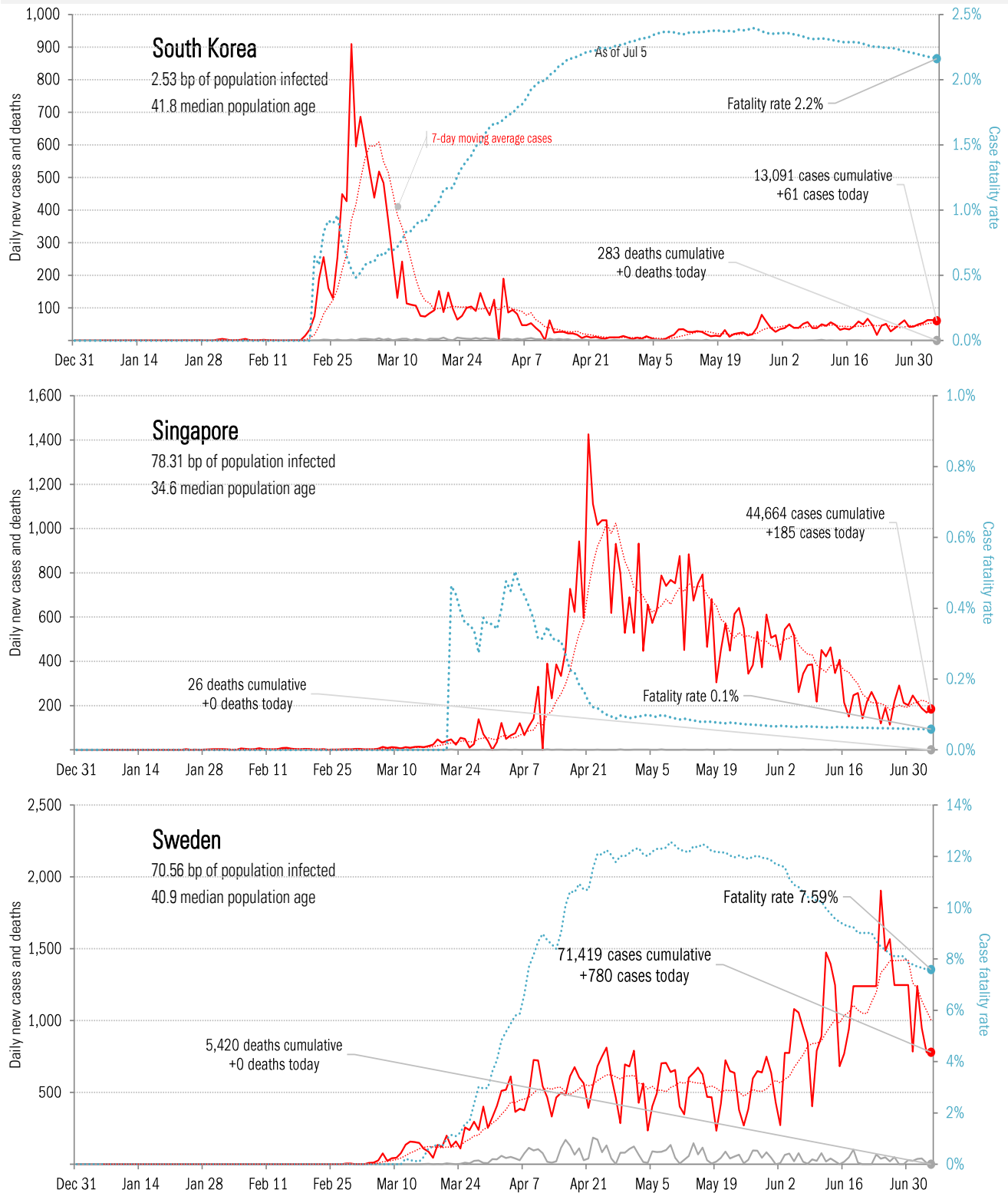
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

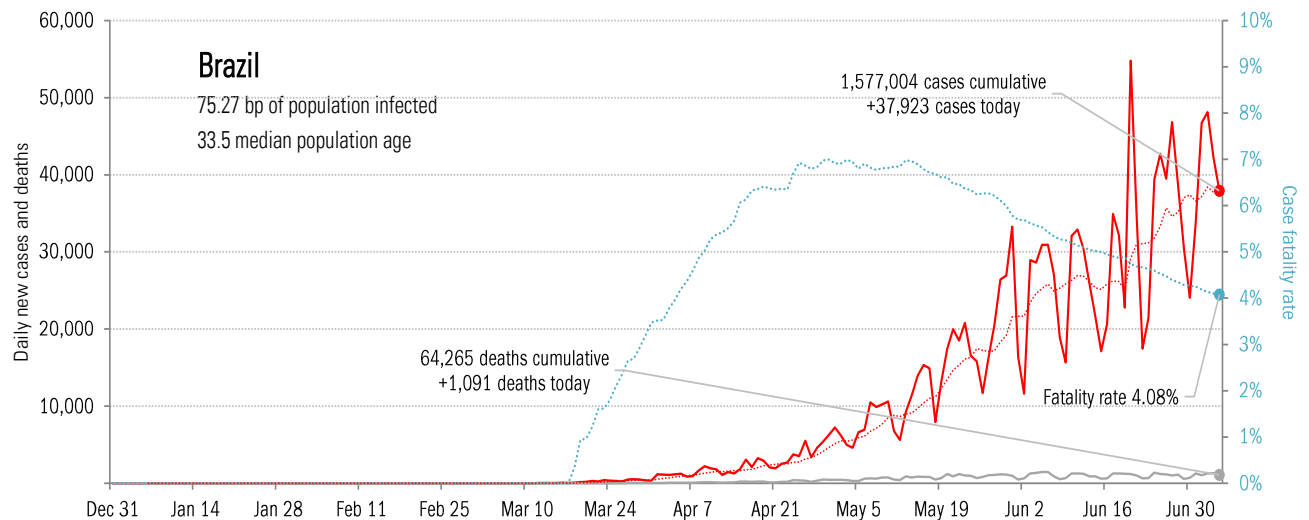
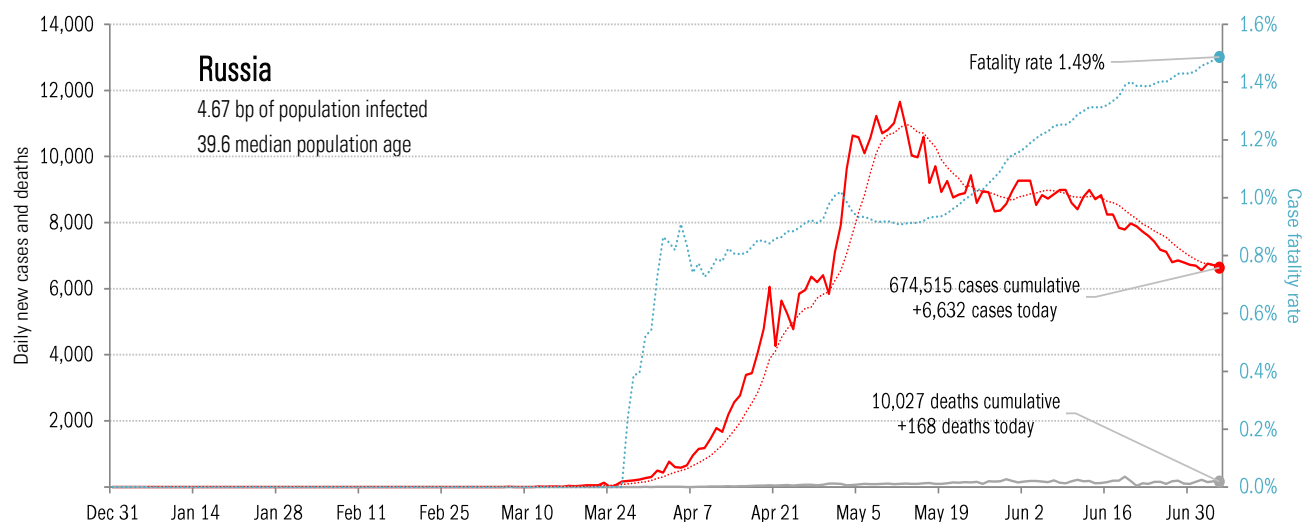
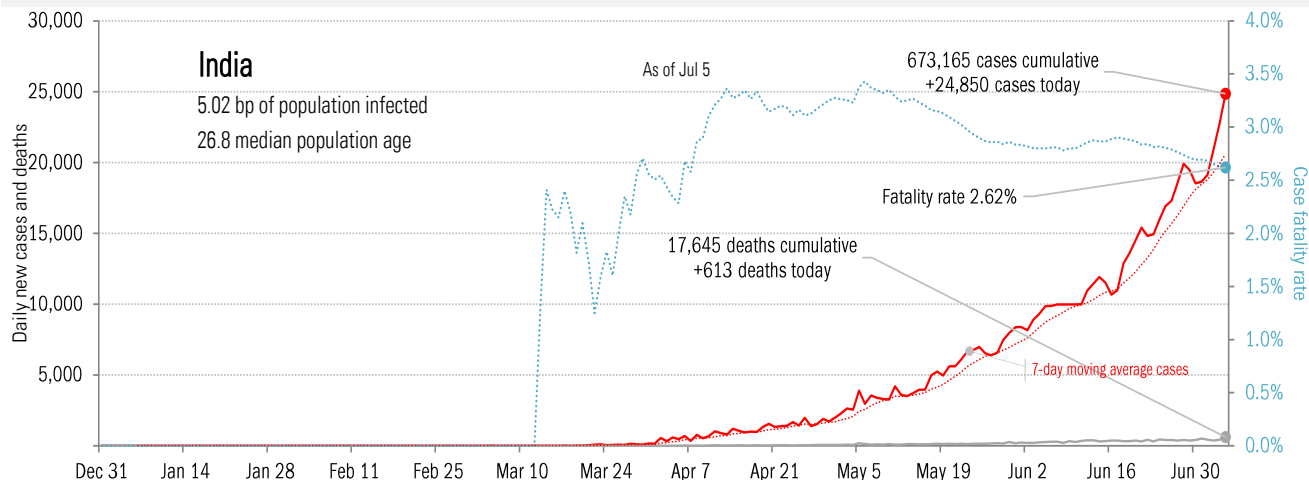
# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

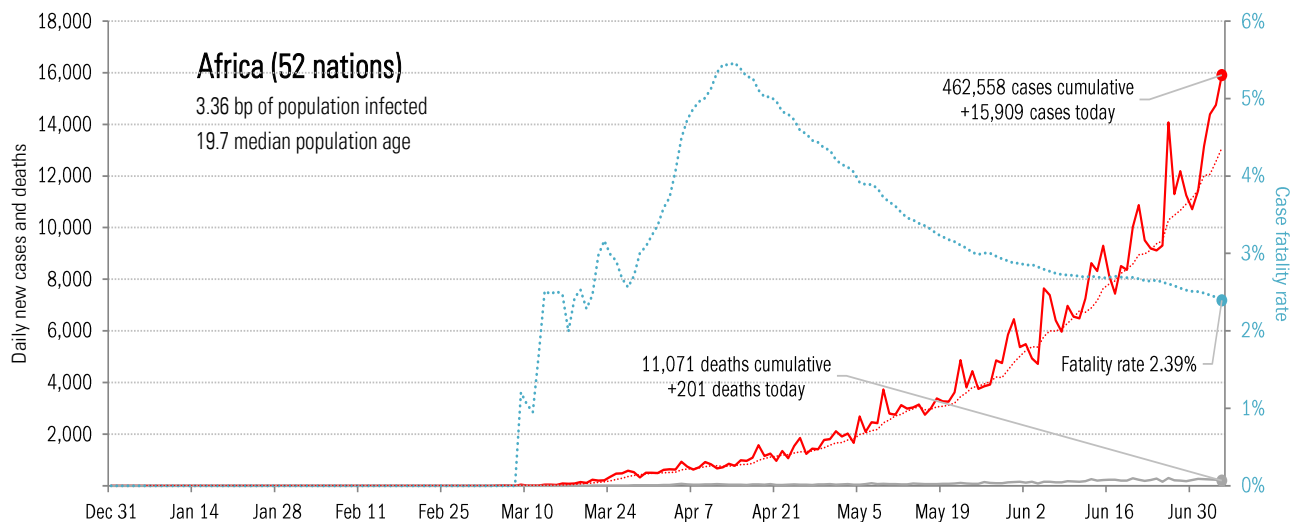
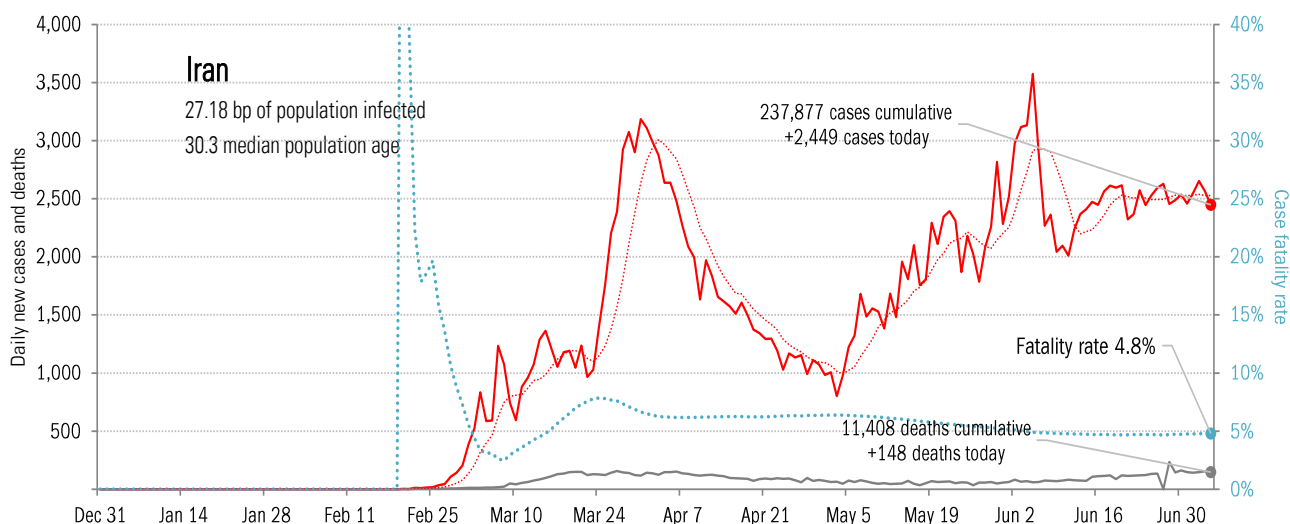
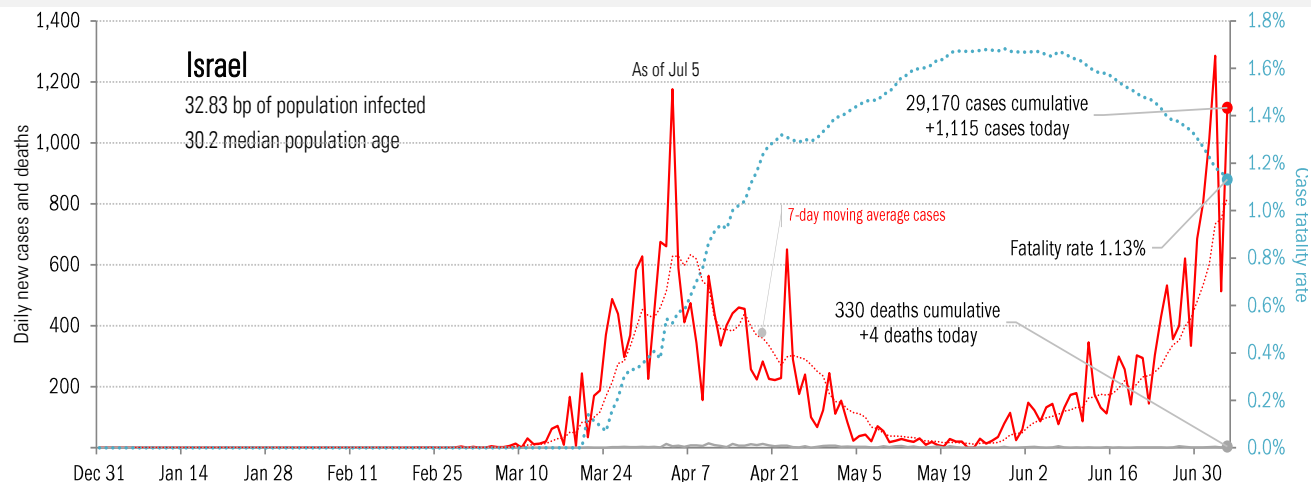


# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations