

## Data Insights: Covid-2019 Monitor

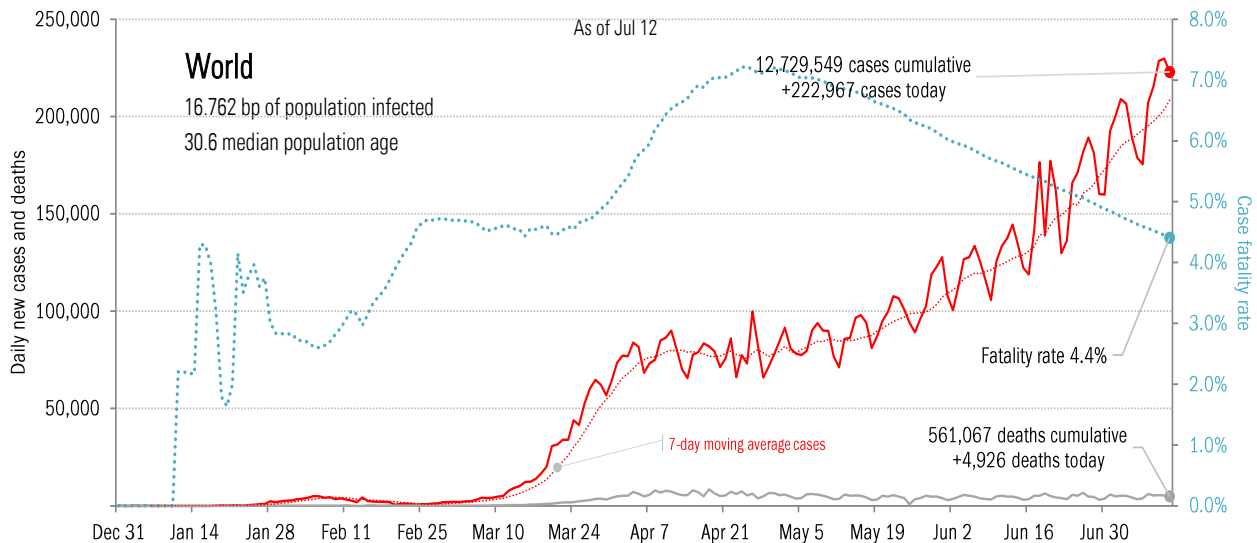
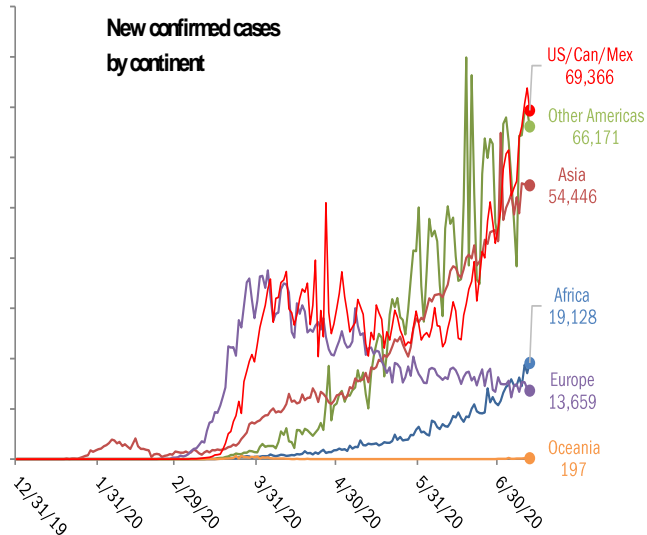
Sunday, July 12, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+63,051	Brazil	+1,071
Brazil	+39,023	US	+717
India	+28,637	India	+551
South_Africa	+13,497	Mexico	+539
Russia	+6,611	Colombia	+194
Dominican_Republic	+6,199	Iran	+188
Mexico	+6,094	Russia	+188
Colombia	+4,586	Peru	+182
Argentina	+3,462	UK	+148
Peru	+3,064	South_Africa	+111
<b>+174,224</b>		<b>+3,889</b>	
World	+222,967	World	+4,926
Top ten	78%	Top ten	79%

#### New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

#### For more information contact us:

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# The US scorecard

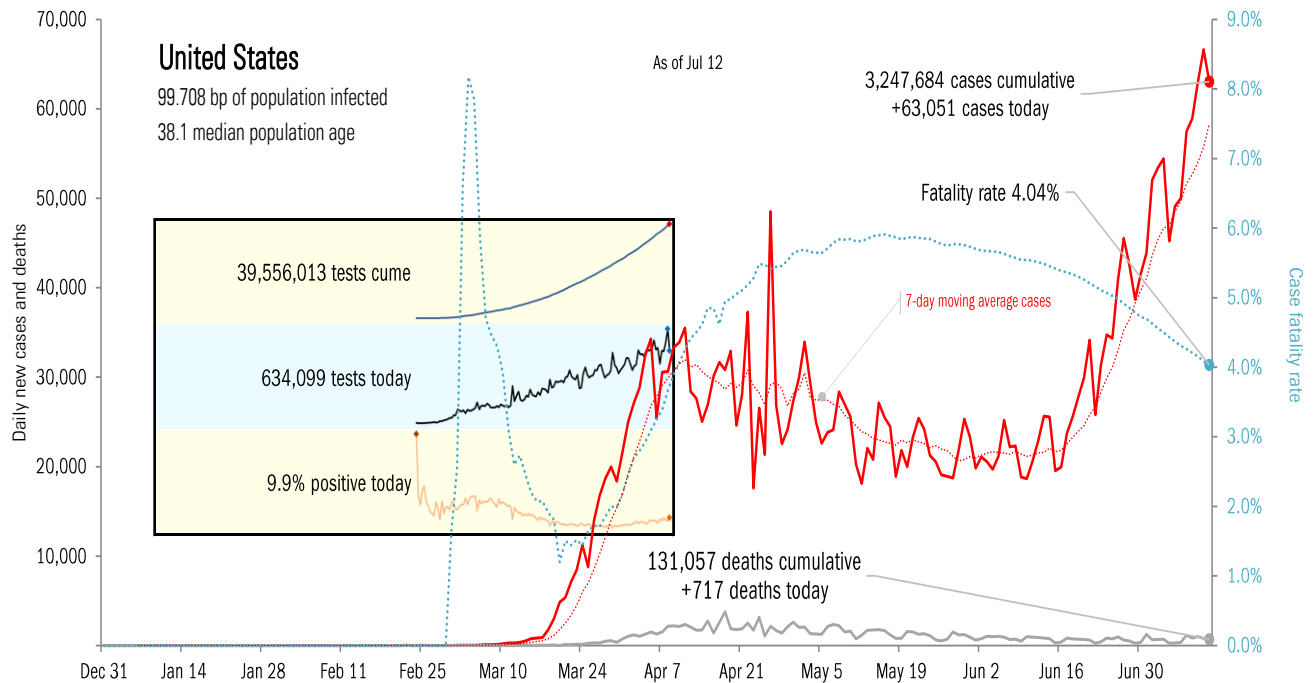
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
FL	+10,360	TX	+99	AL	+3,656	NY	401,029	NY	24,974	NY	89,995
TX	+10,351	FL	+98	FL	+425	CA	312,344	NJ	15,525	NJ	20,632
CA	+8,047	CA	+94	GA	+268	FL	254,511	MA	8,310	FL	18,341
GA	+3,190	AZ	+69	VA	+96	TX	250,462	IL	7,369	GA	13,205
AZ	+3,038	NJ	+46	AZ	+91	NJ	174,959	CA	6,945	MA	11,600
NC	+2,462	GA	+31	CH	+69	IL	154,094	PA	6,897	MD	11,353
SC	+2,280	MI	+28	NJ	+65	AZ	119,930	MI	6,313	CT	10,552
LA	+2,167	IL	+24	MD	+53	GA	114,401	CT	4,348	VA	10,291
TN	+1,460	LA	+23	UT	+49	MA	111,398	FL	4,301	CH	8,770
AL	+1,439	SC	+22	TN	+47	PA	94,689	LA	3,403	IN	7,458
<b>+44,794</b>		<b>+534</b>		<b>+4,819</b>		<b>1,987,817</b>		<b>88,385</b>		<b>202,197</b>	
All states	+63,007	All states	+757	All states	+5,141	All states	3,230,991	All states	127,201	All states	262,712
Top ten	71%	Top ten	71%	Top ten	94%	Top ten	62%	Top ten	69%	Top ten	77%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
GA	-1,294	CA	-46	SC	-308	TX	+4,884
AZ	-1,183	CO	-32	VA	-78	MI	+1,026
FL	-1,073	AL	-26	IN	-72	TN	+695
KS	-993	CH	-22	GA	-63	CH	+666
AR	-751	VA	-17	CH	-62	UT	+636



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

## Recommended reading

### [Russia More Than Triples Covid-19 Death Toll in Revised Data](#)

Henry Meyer and Ilya Khrennikov  
*Bloomberg*  
July 11, 2020

### [Gilead says remdesivir data show reduced risk of death](#)

Hannah Kuchler, Sarah Provan and Donato Paolo Mancini  
*Financial Times*  
July 10, 2020

### [Wall Street Forges a New Relationship to Data in Coronavirus Age](#)

Sarah Ponczek and Vildana Hajric  
*Bloomberg*  
July 11, 2020

### [A Challenger of the Woke 'Company Policy'](#)

Tunku Varadarajan  
*Wall Street Journal*  
July 10, 2020

### [Why Isn't California Criticized Like Florida on Covid-19?](#)

Joe Nocera  
*Bloomberg*  
July 10, 2020

### [The American Press Is Destroying Itself](#)

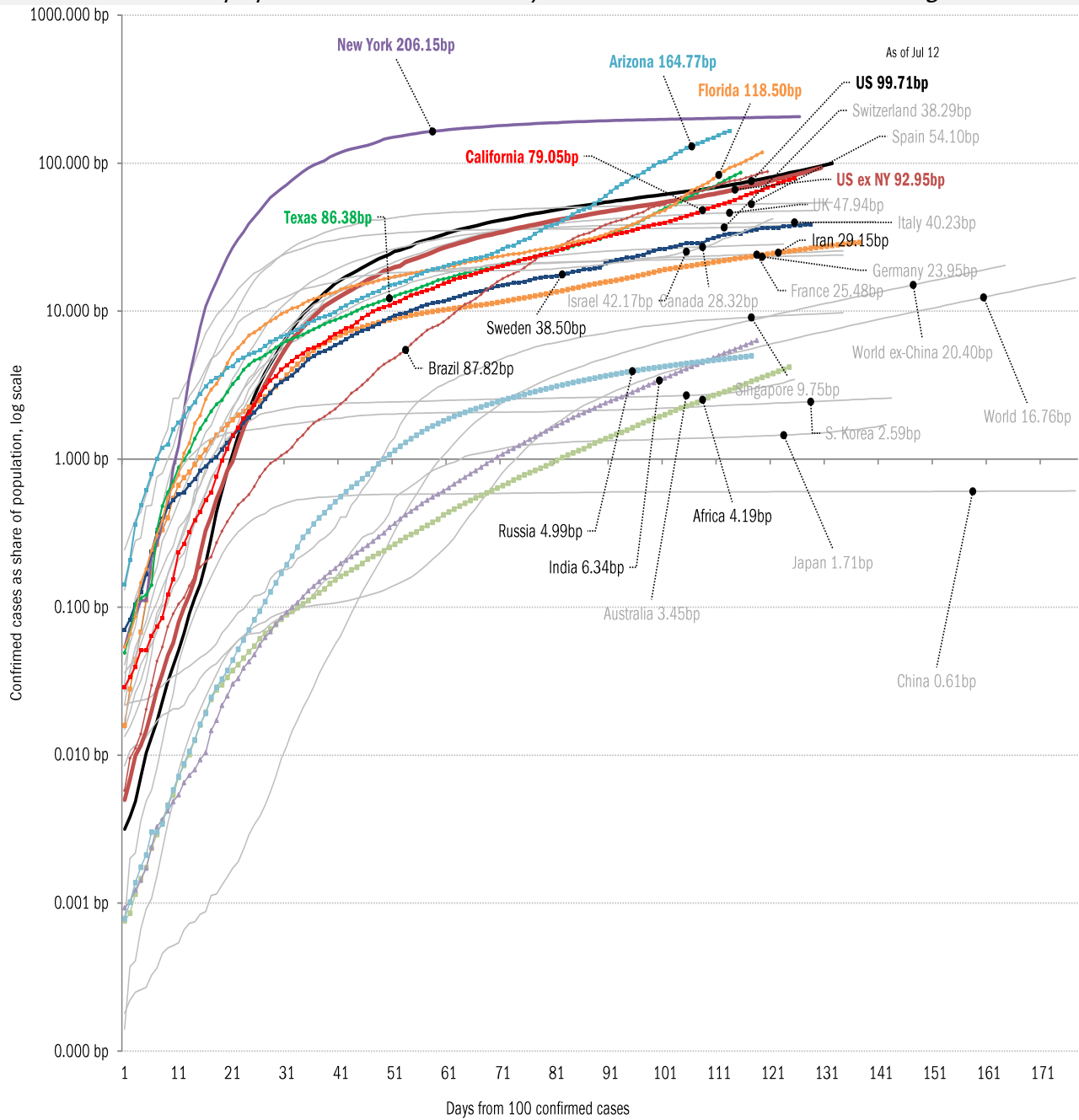
Matt Taibbi  
June 12, 2020

## Meme of the day



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

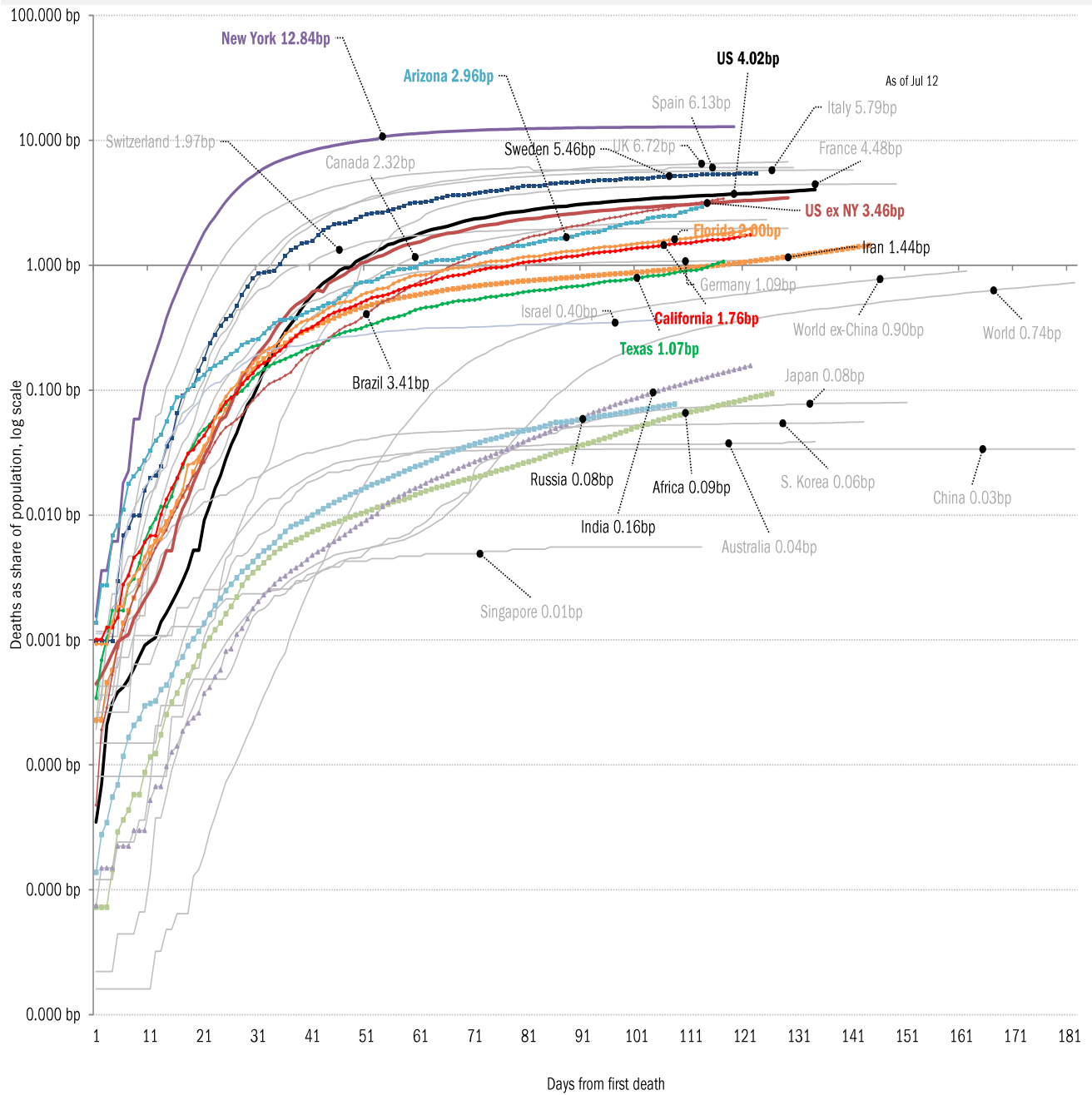
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

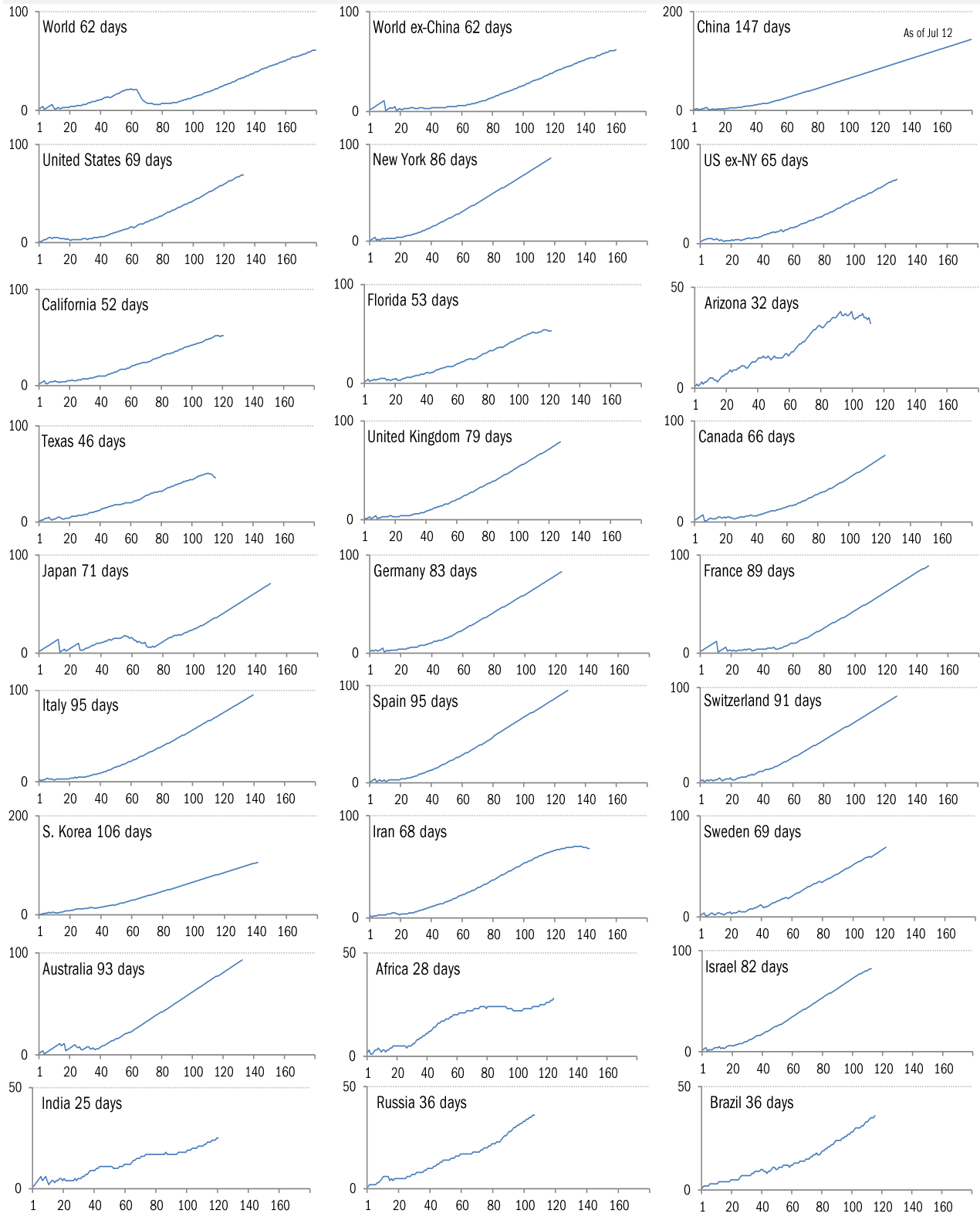
## Share of deceased population from day of first fatality



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

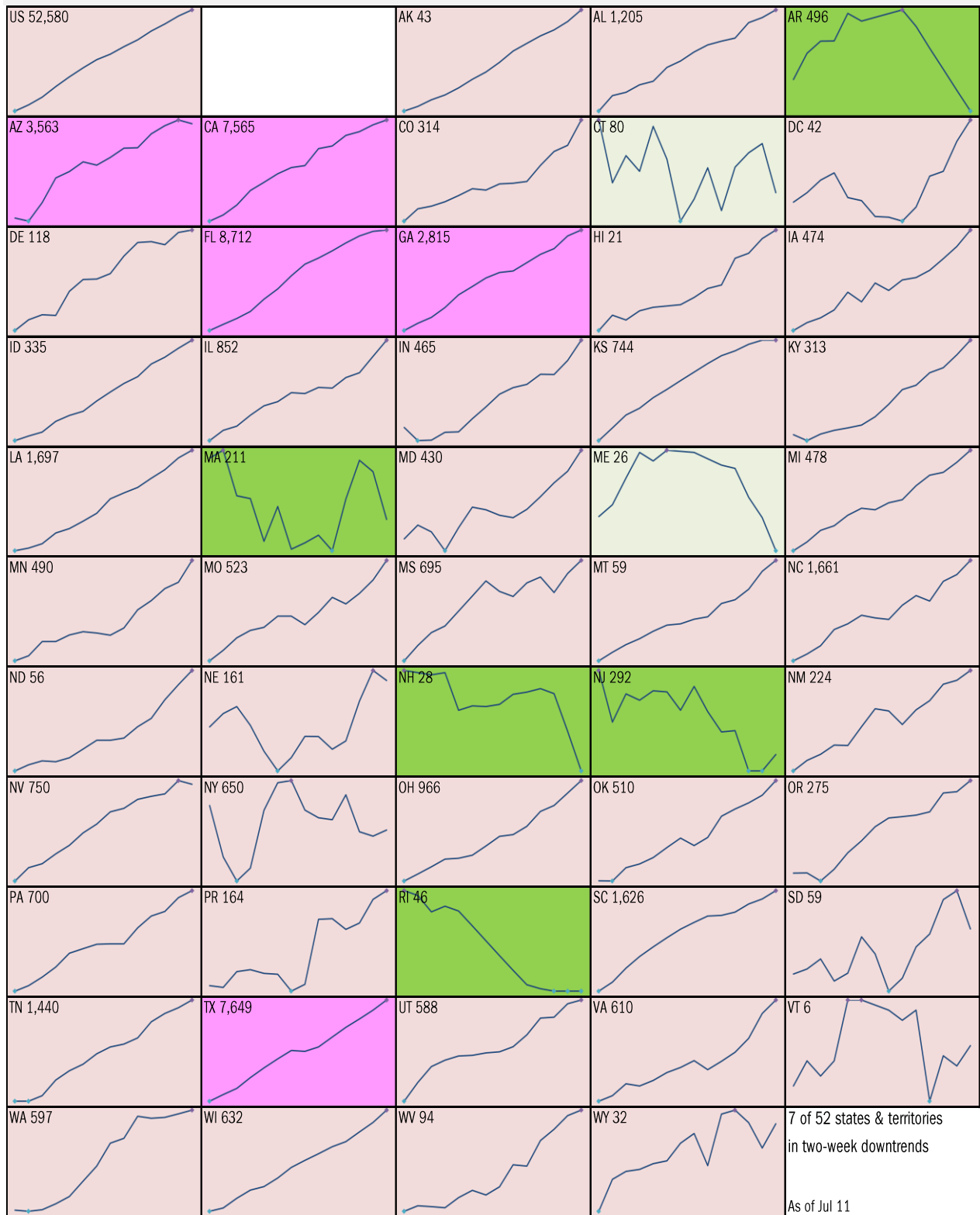


Source: [ECDC](#), TrendMacro calculations

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

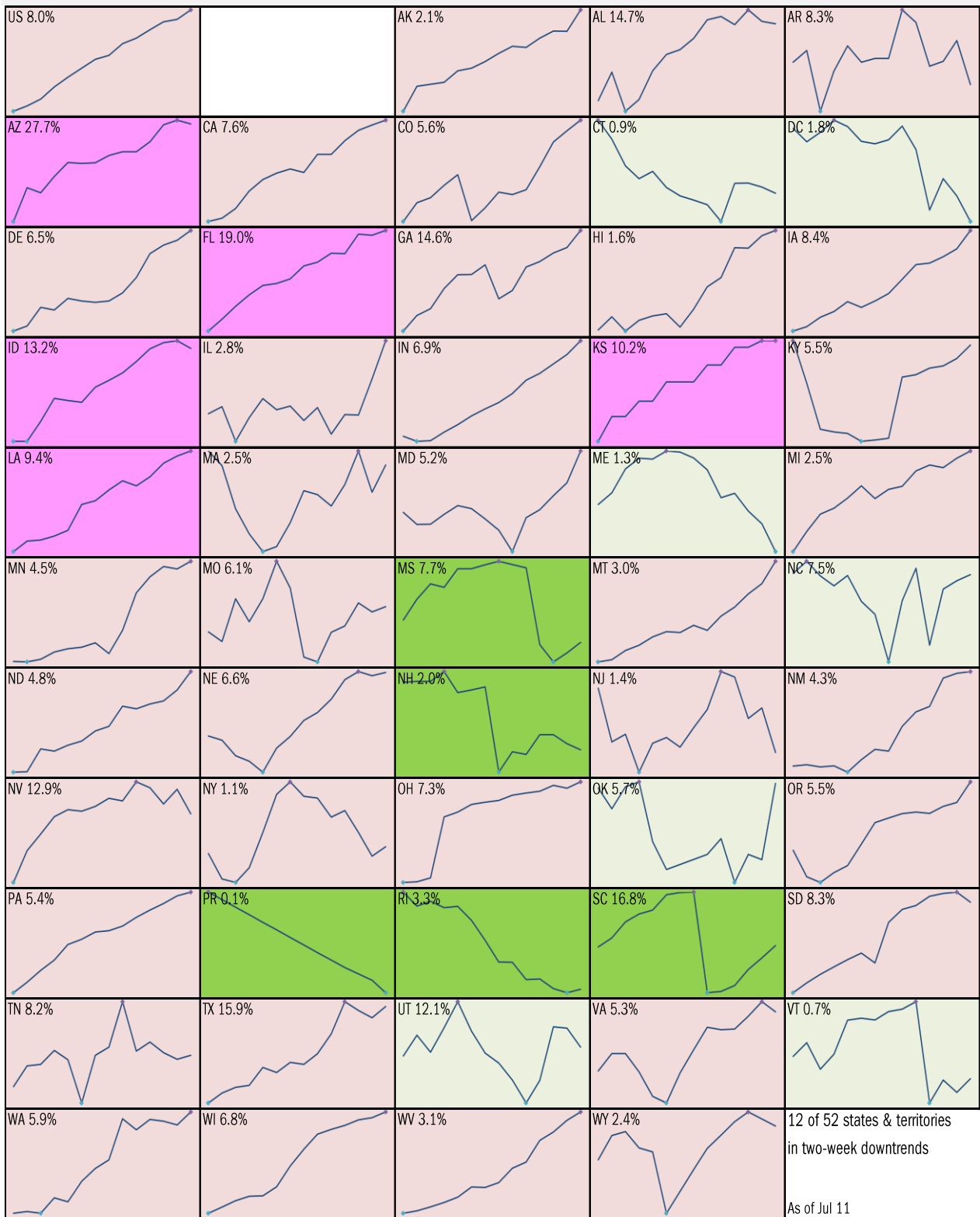


Source: [Covid Tracking Project](#), TrendMacro calculations

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

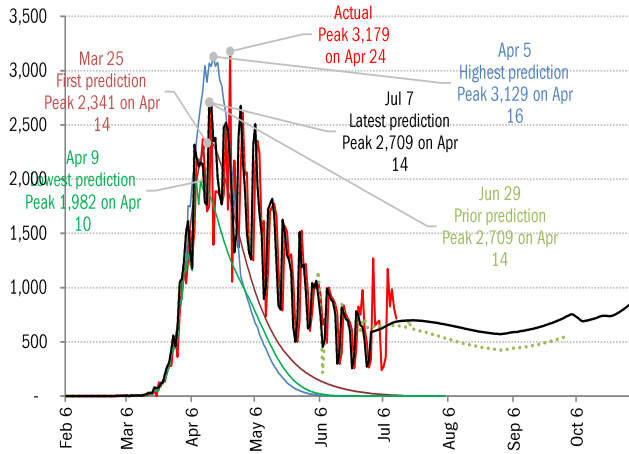


# Reality-checking the models: actuals versus [IHME predictions](#)

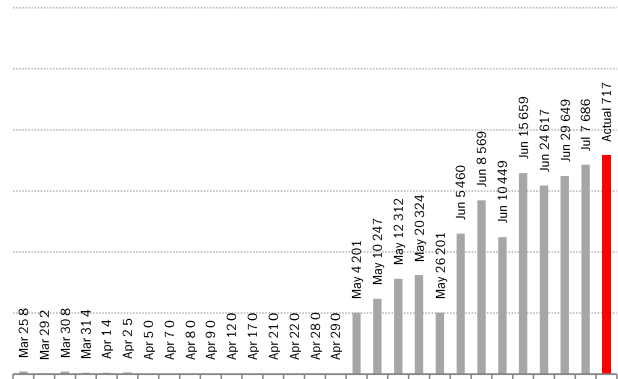
## New daily fatalities

As of Jul 12

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

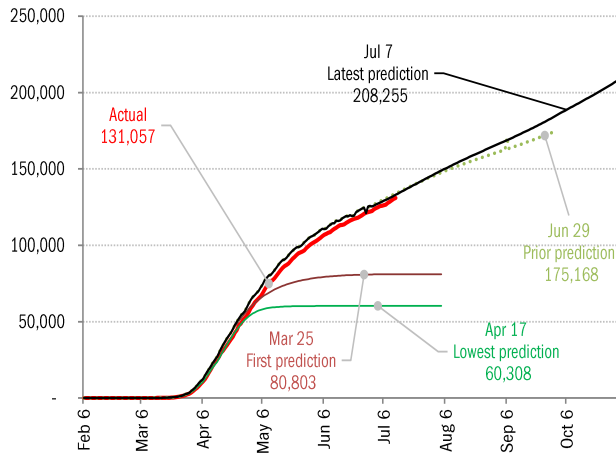


For this day, versus all model mean predictions

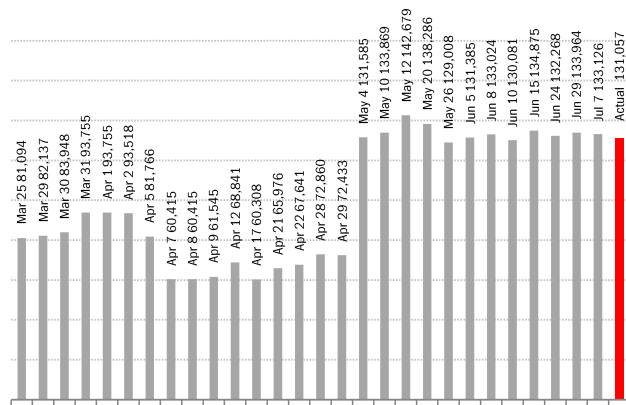


## Cumulative fatalities

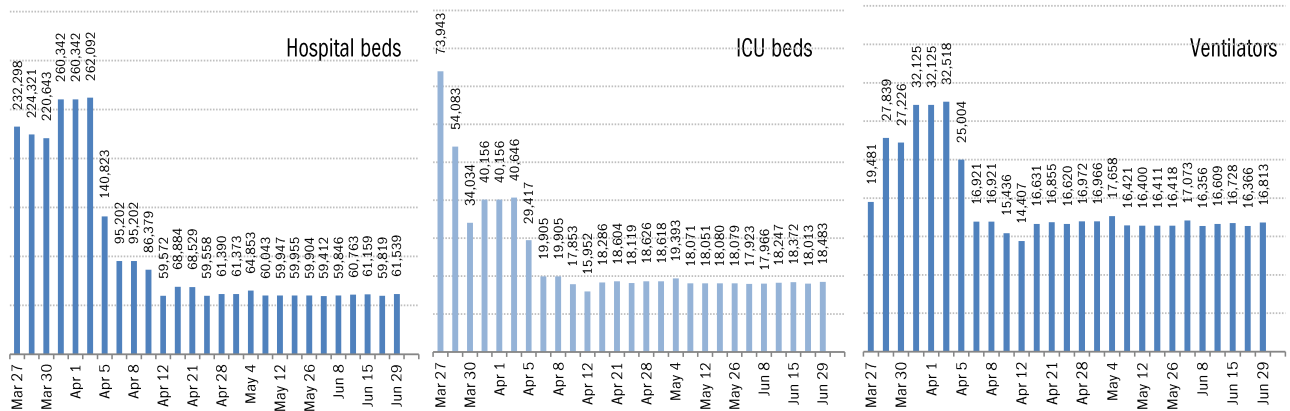
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

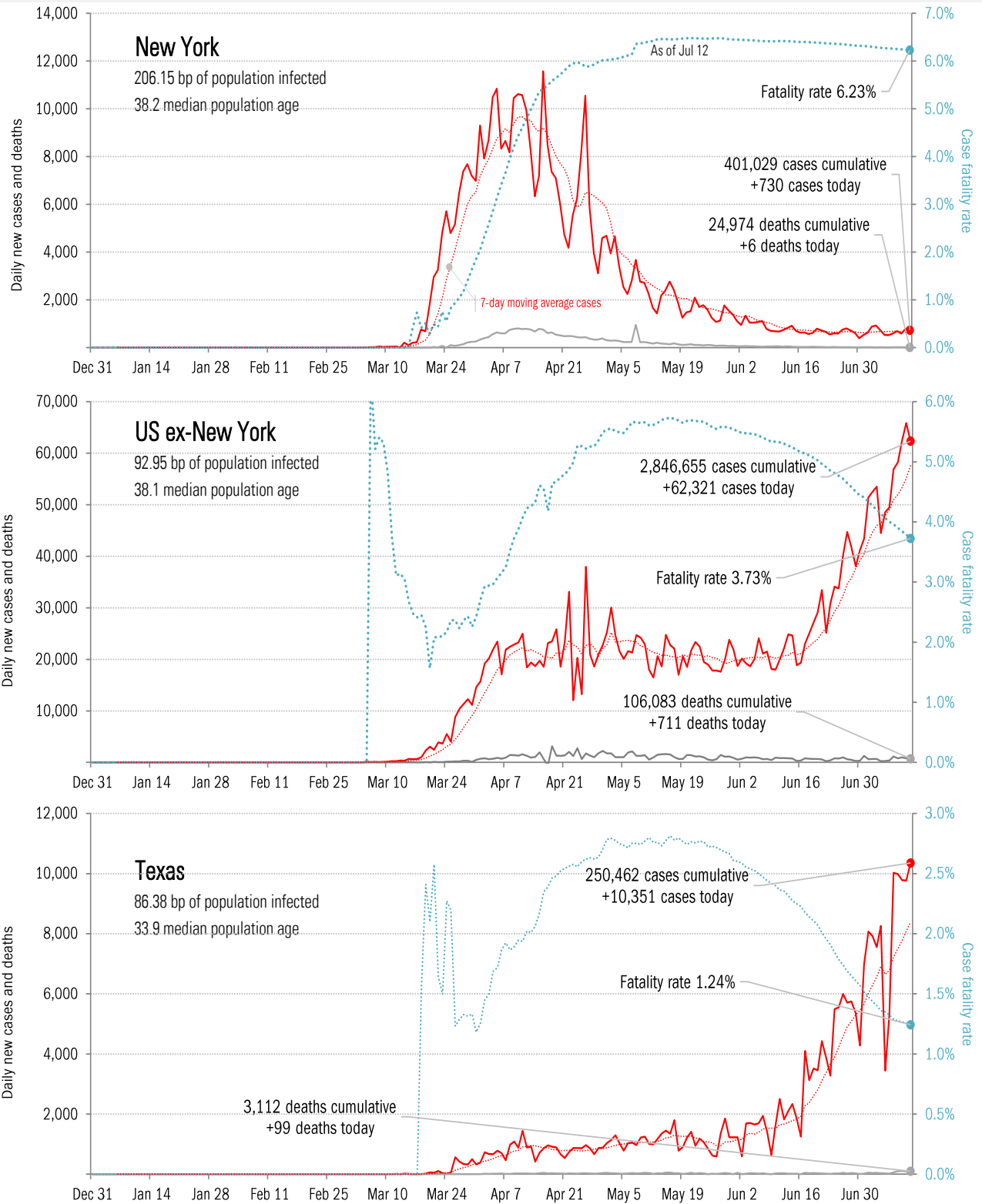


## Healthcare system stress, peak estimated at each model revision



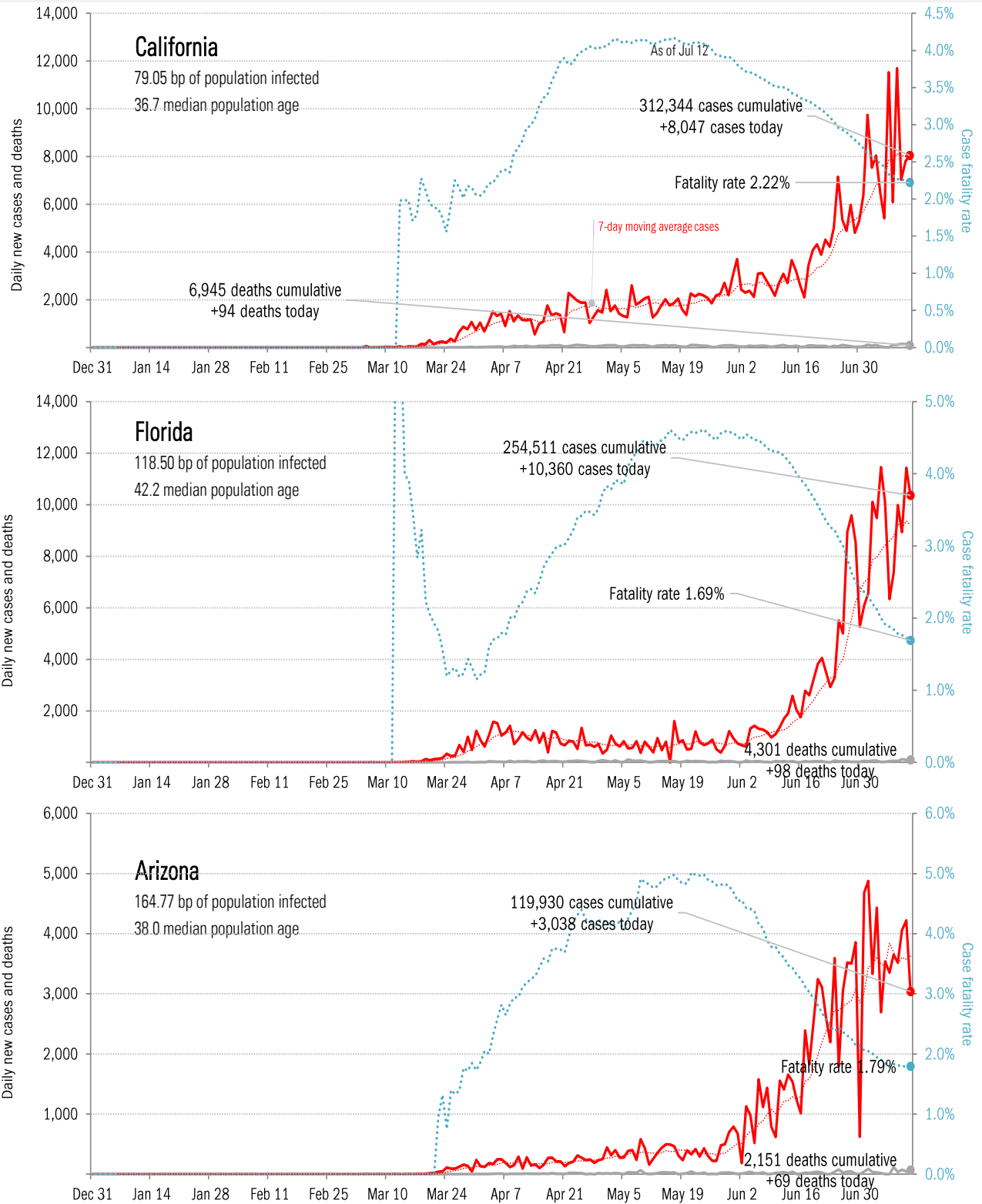
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



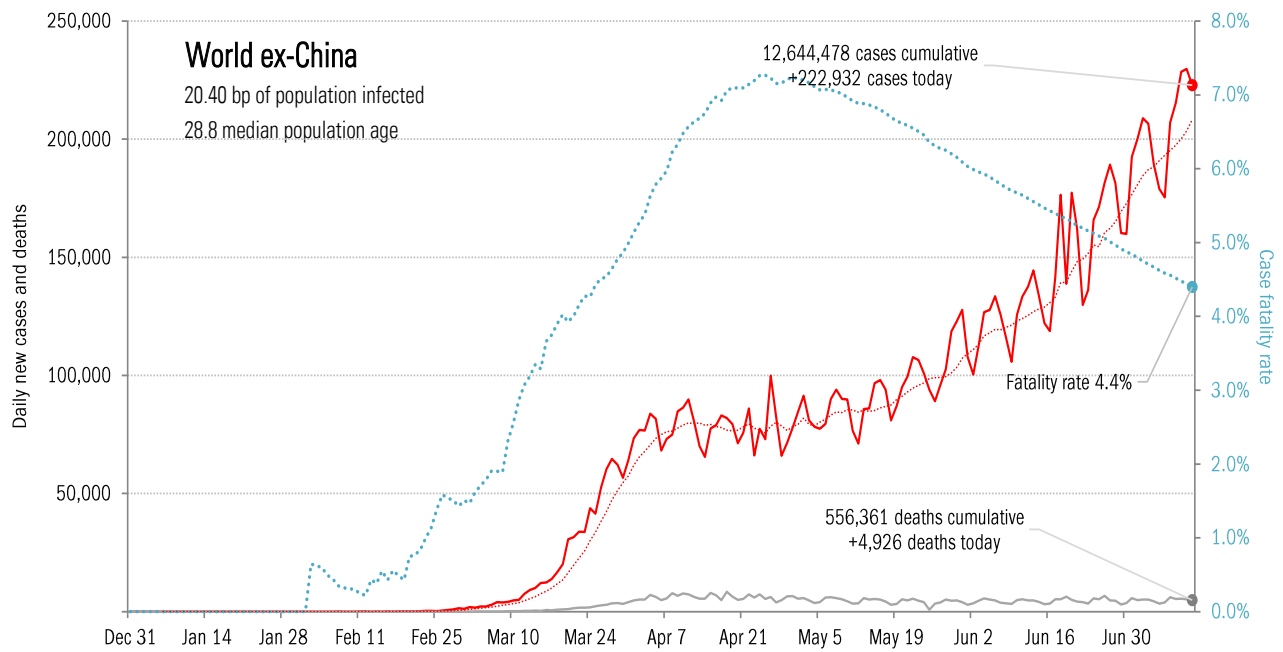
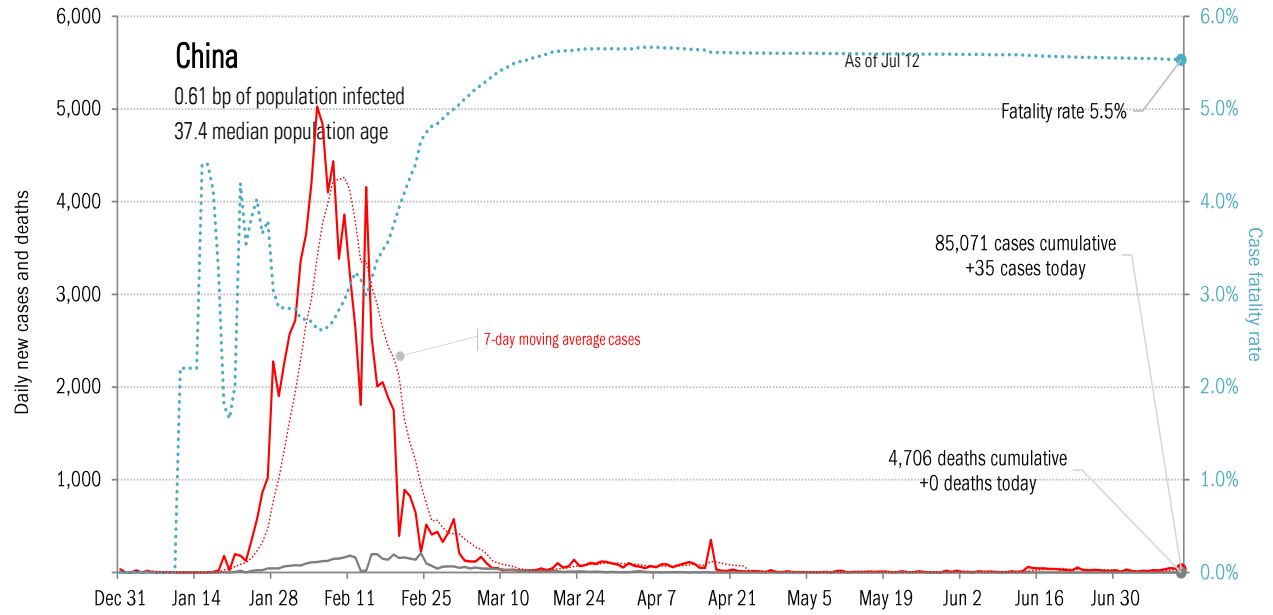
Source: [ECDC](#), TrendMacro calculations

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



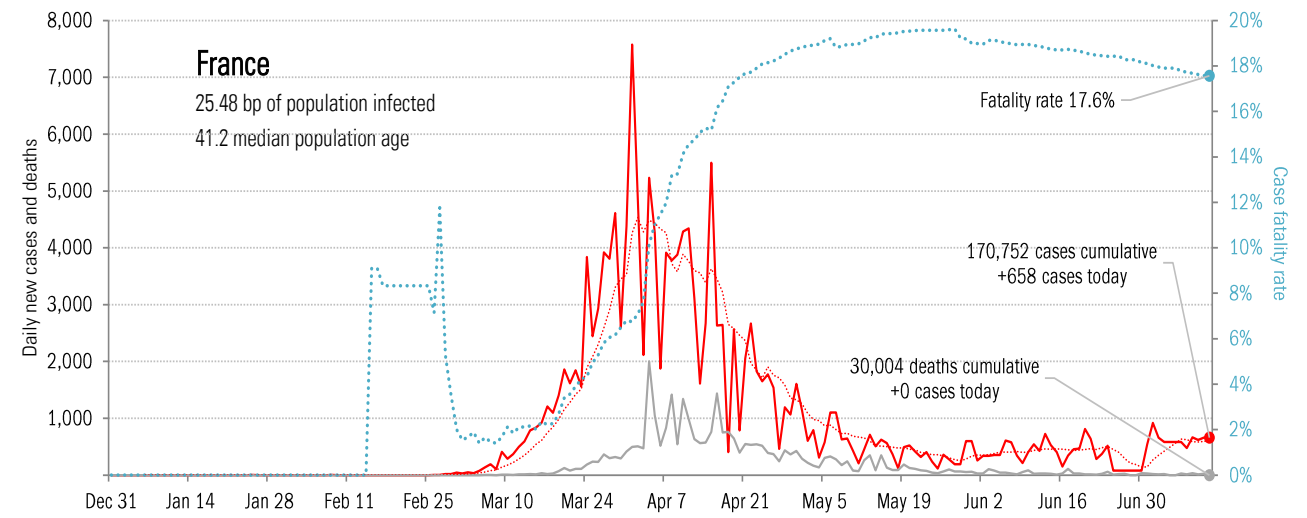
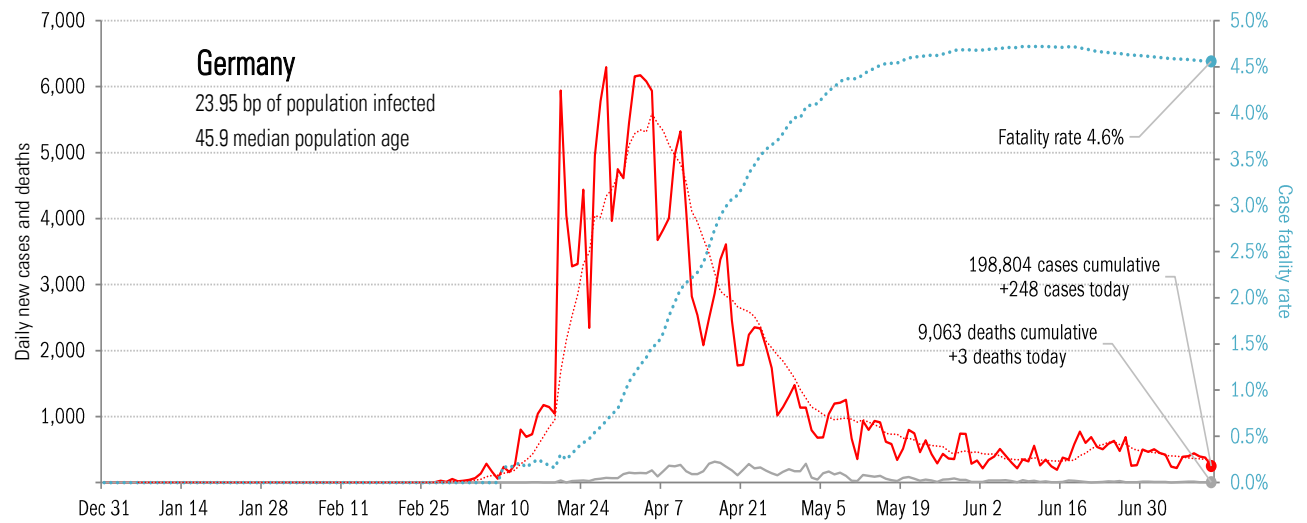
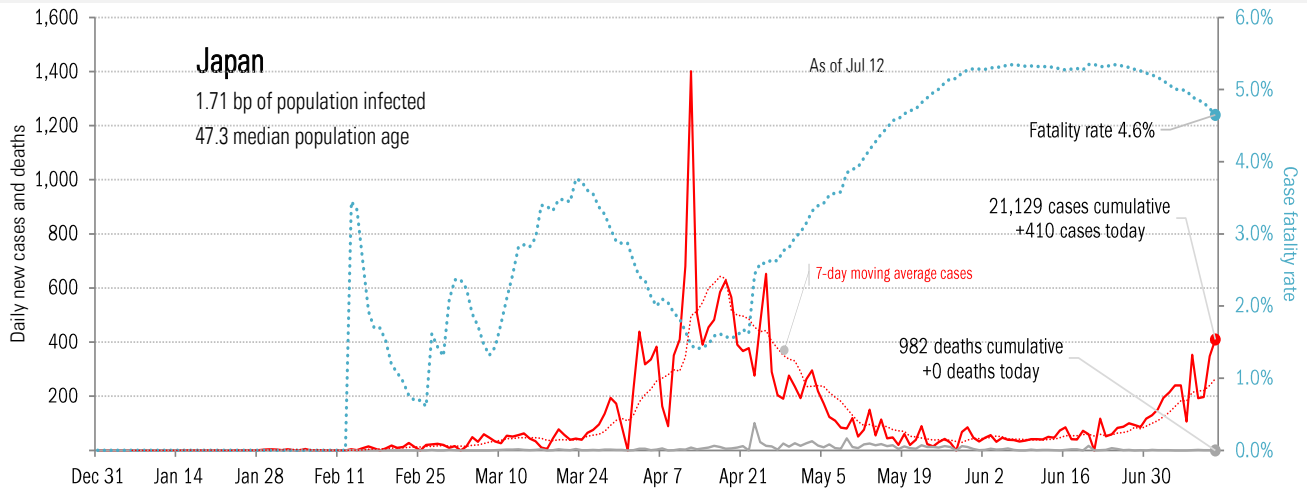
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



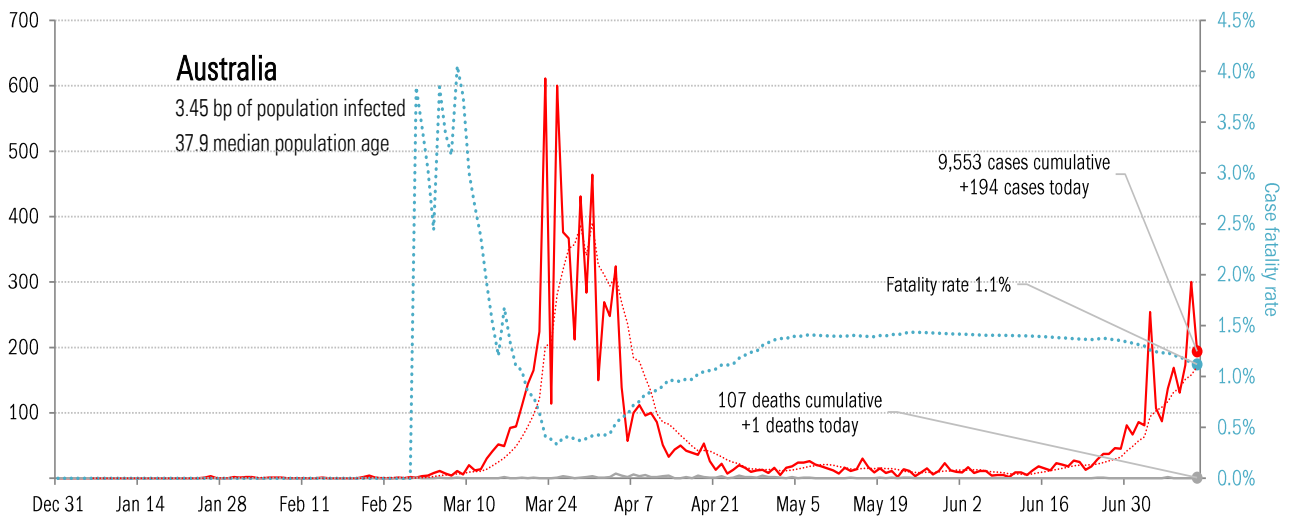
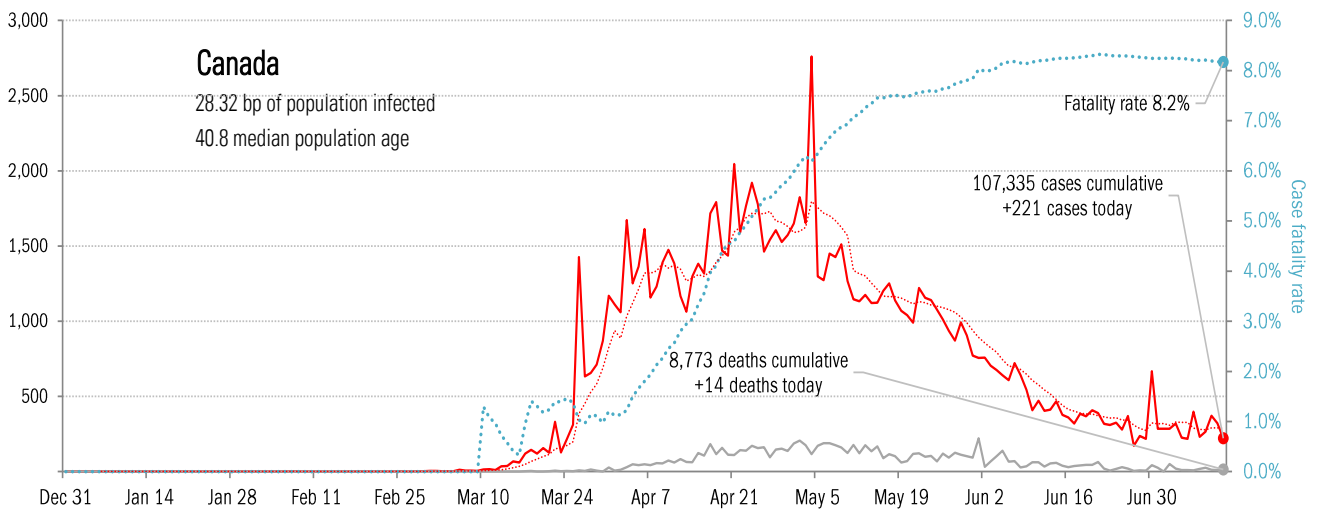
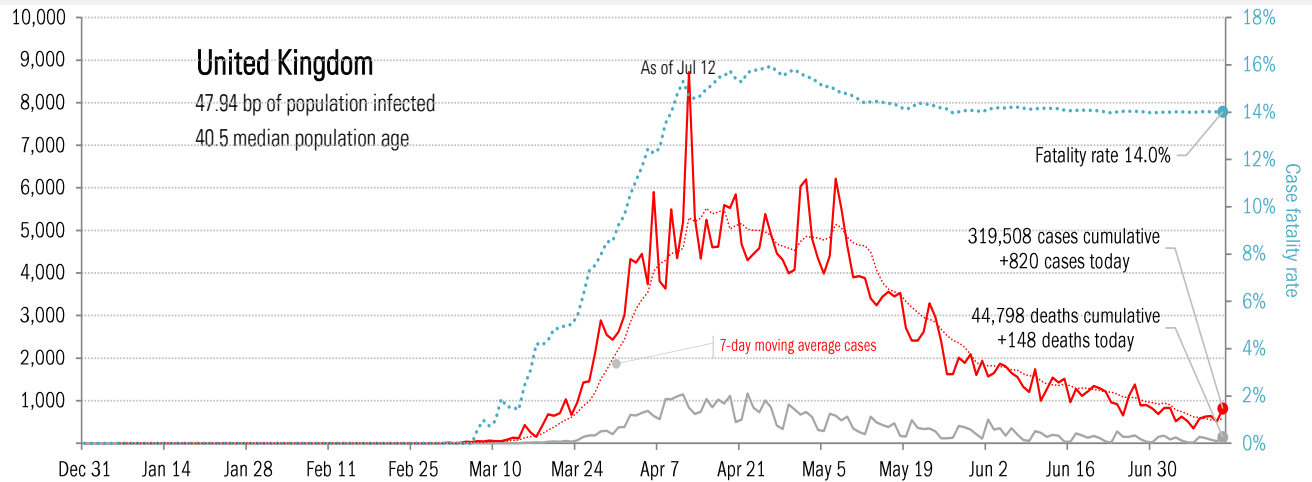
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



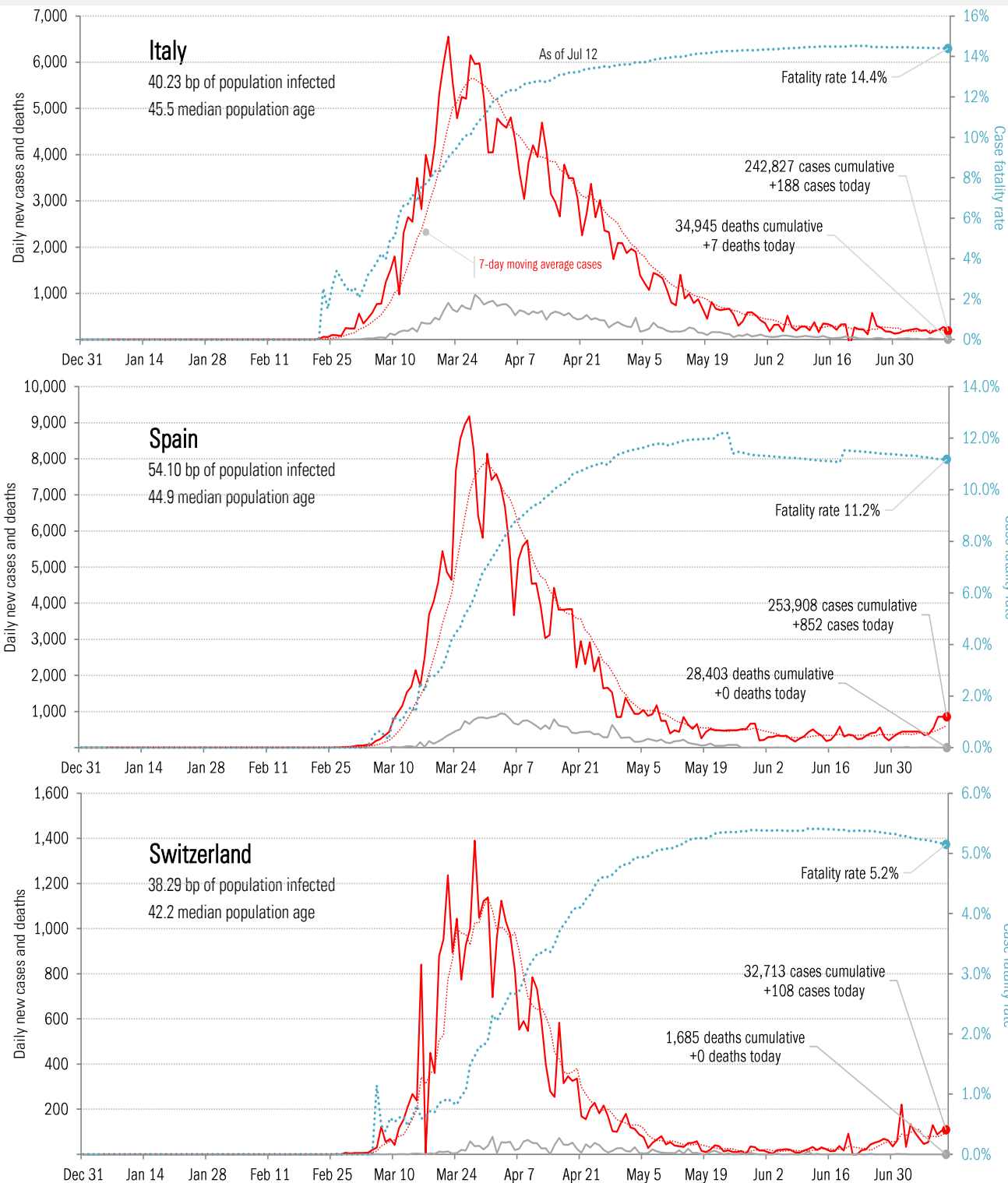
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



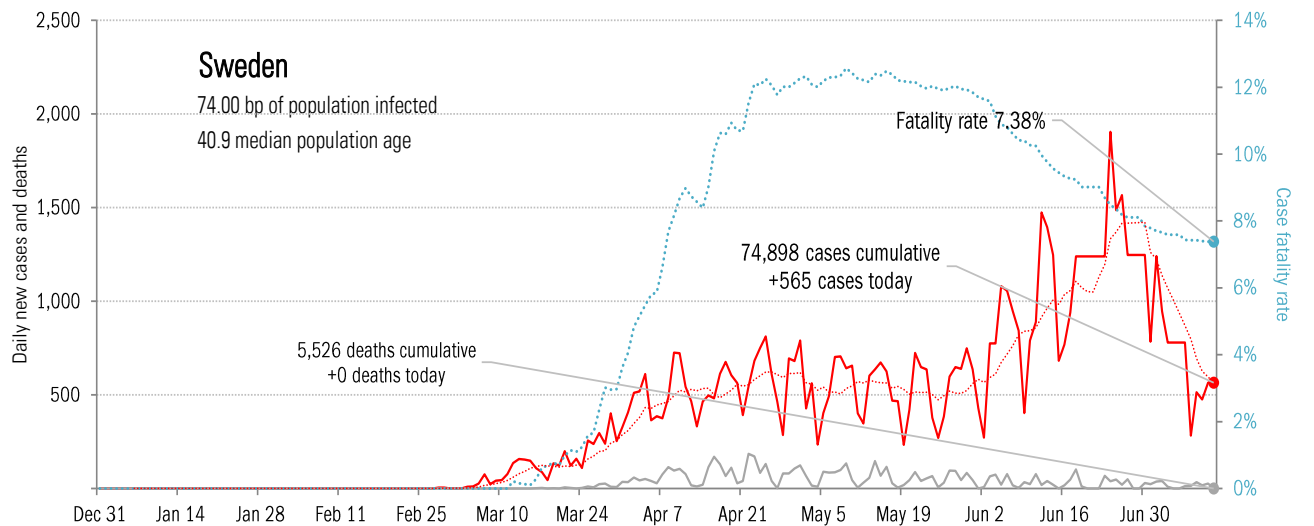
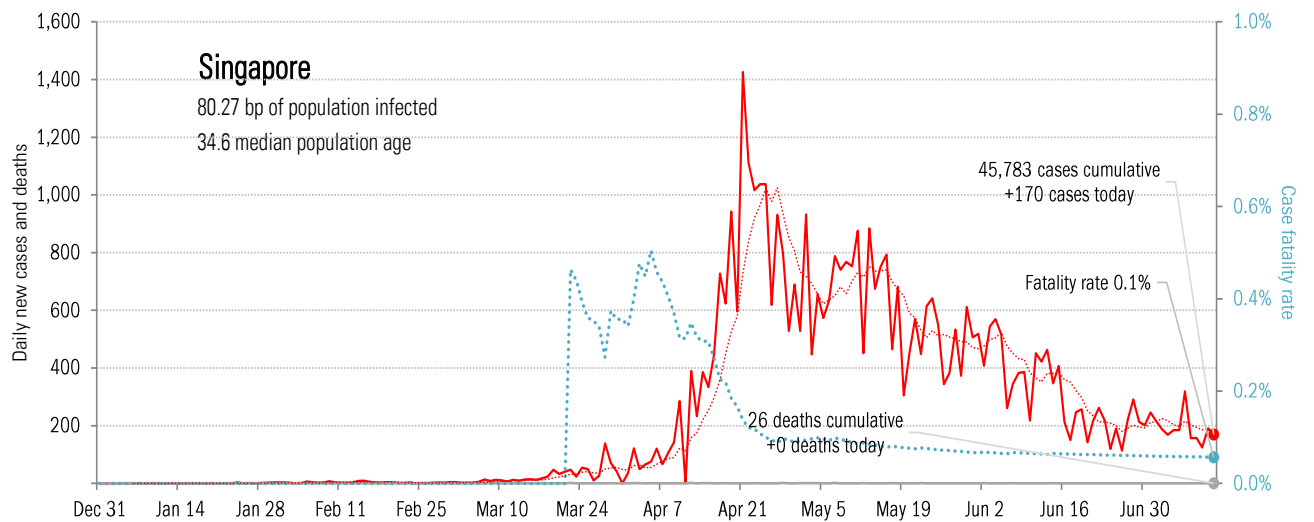
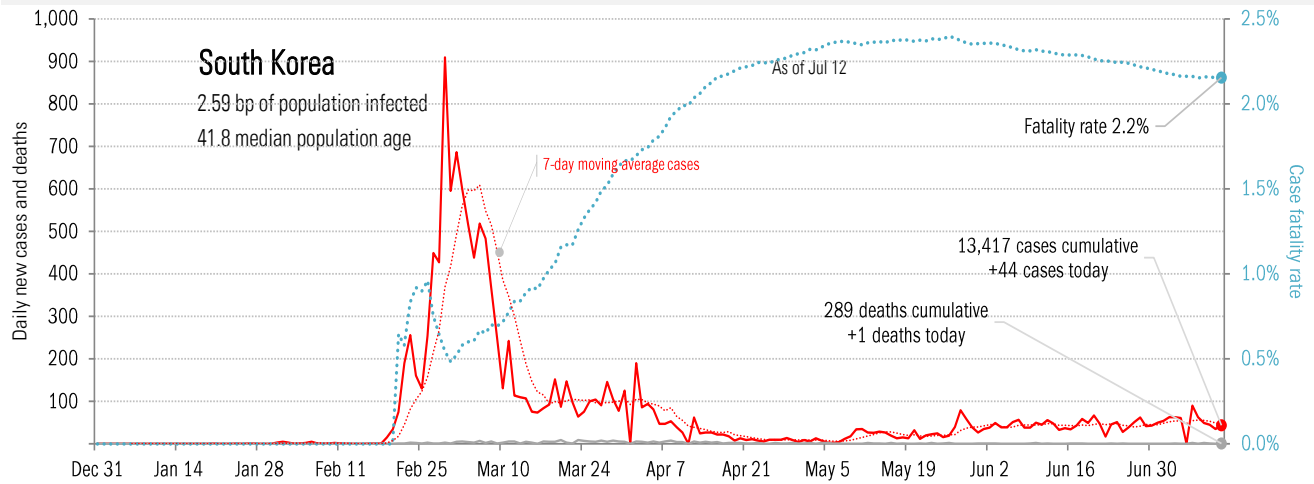
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

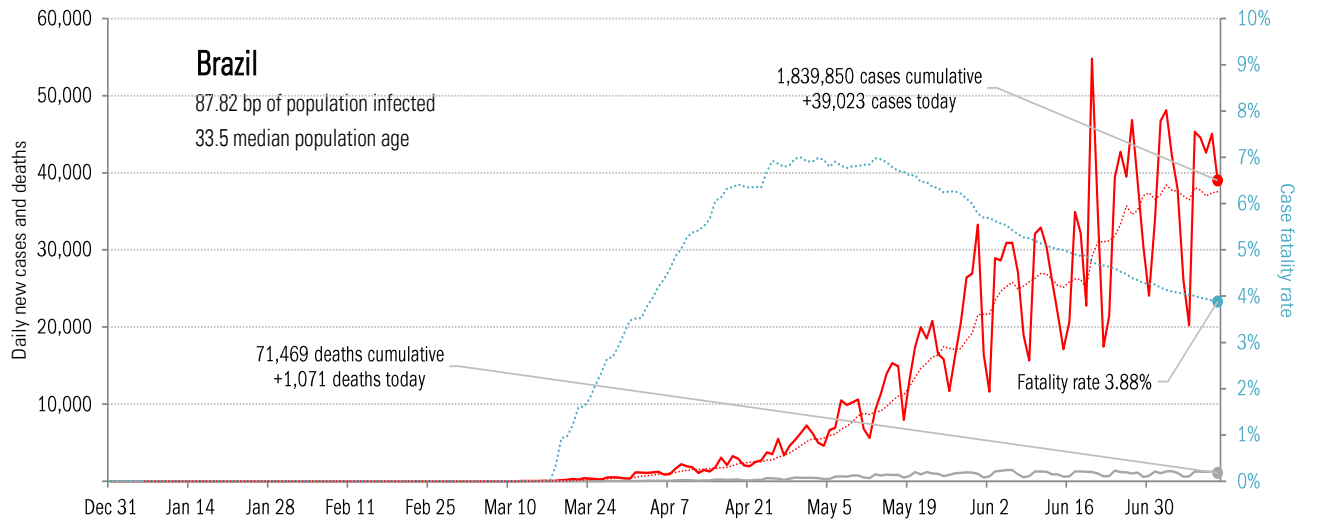
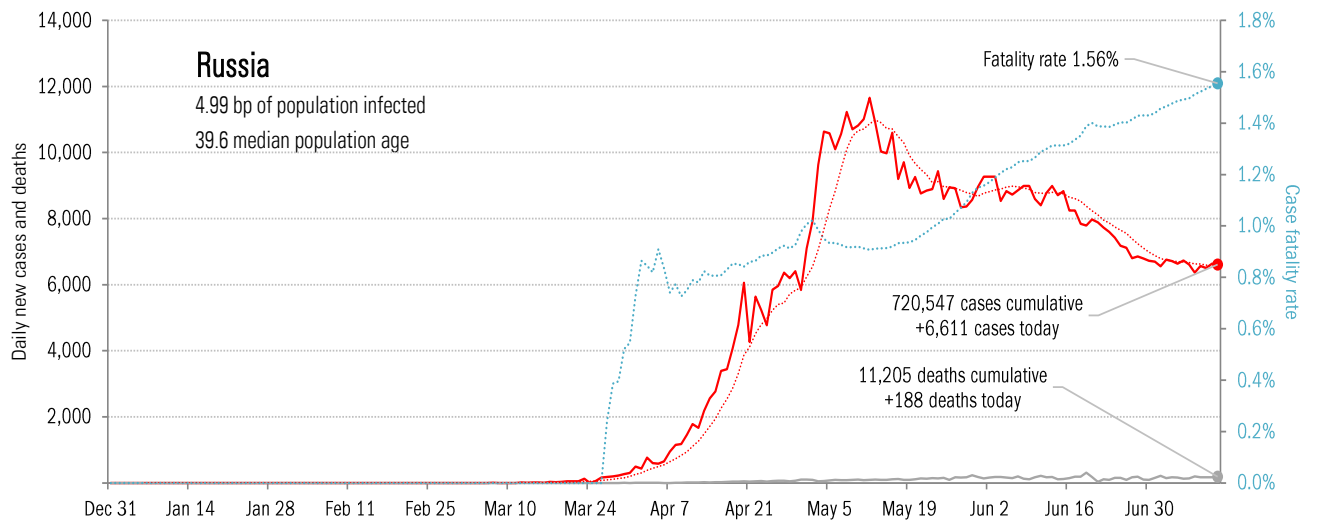
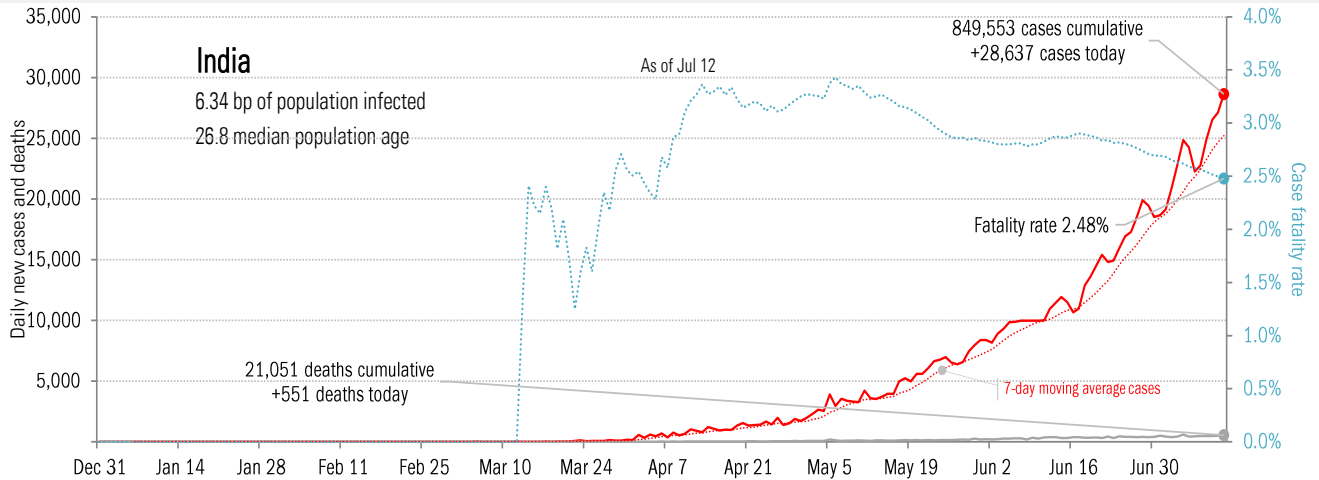
# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

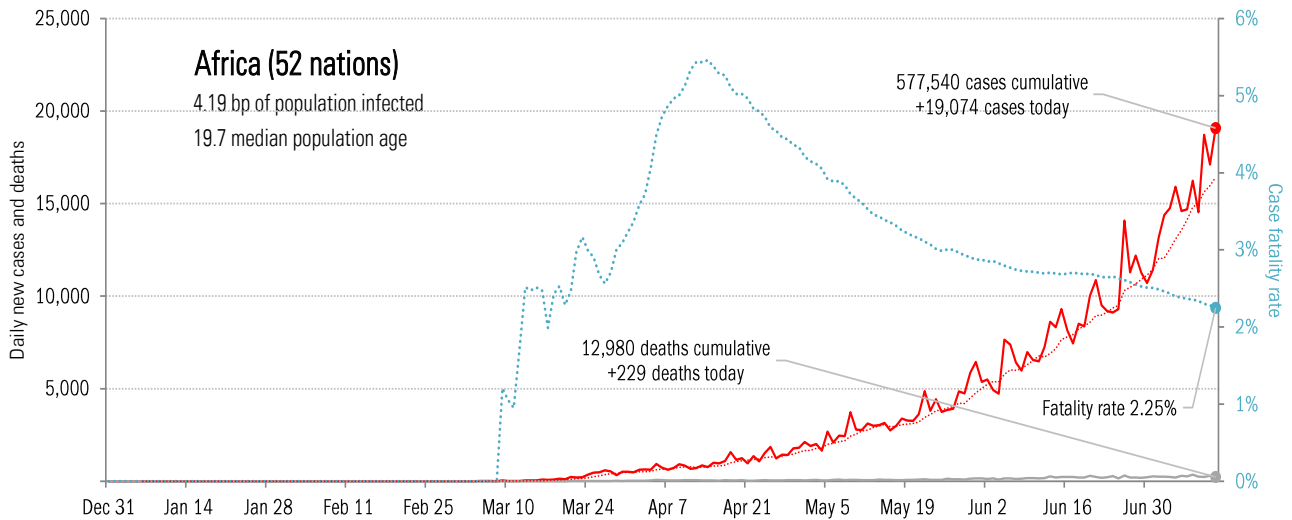
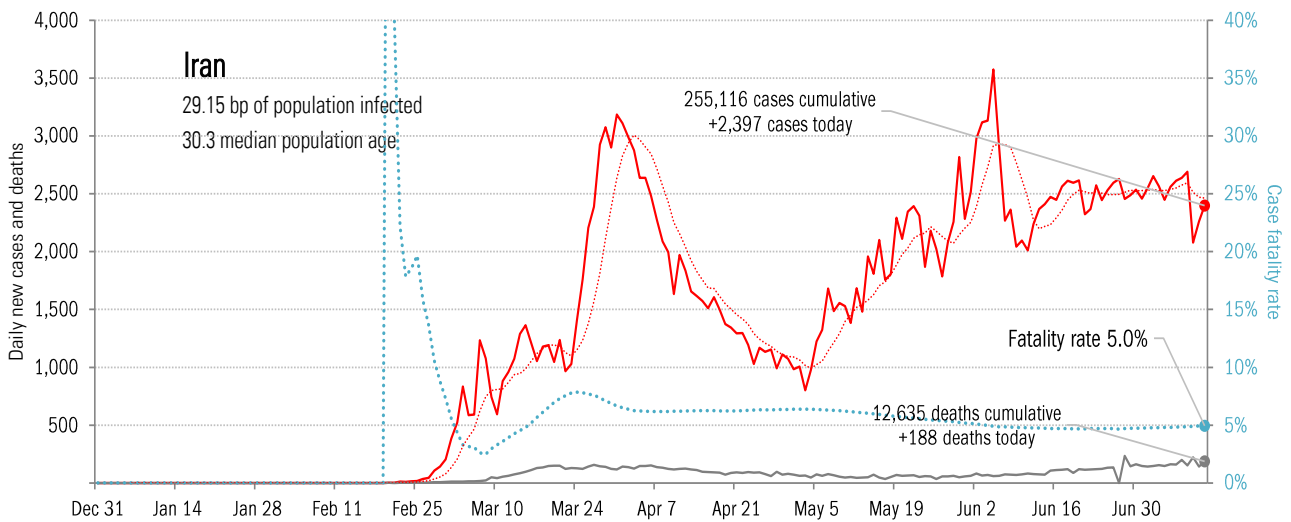
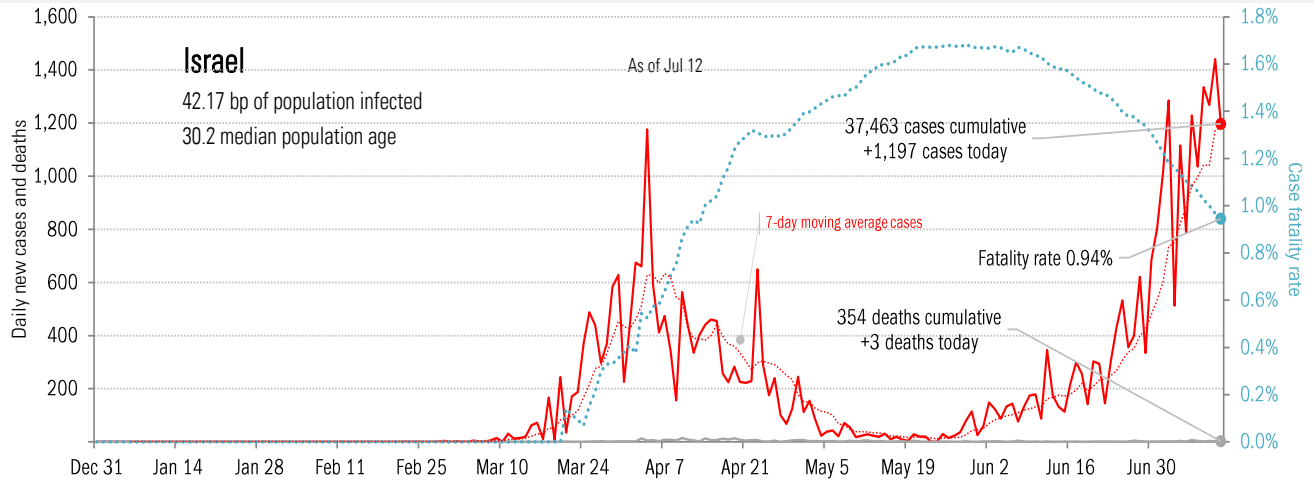


# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations