

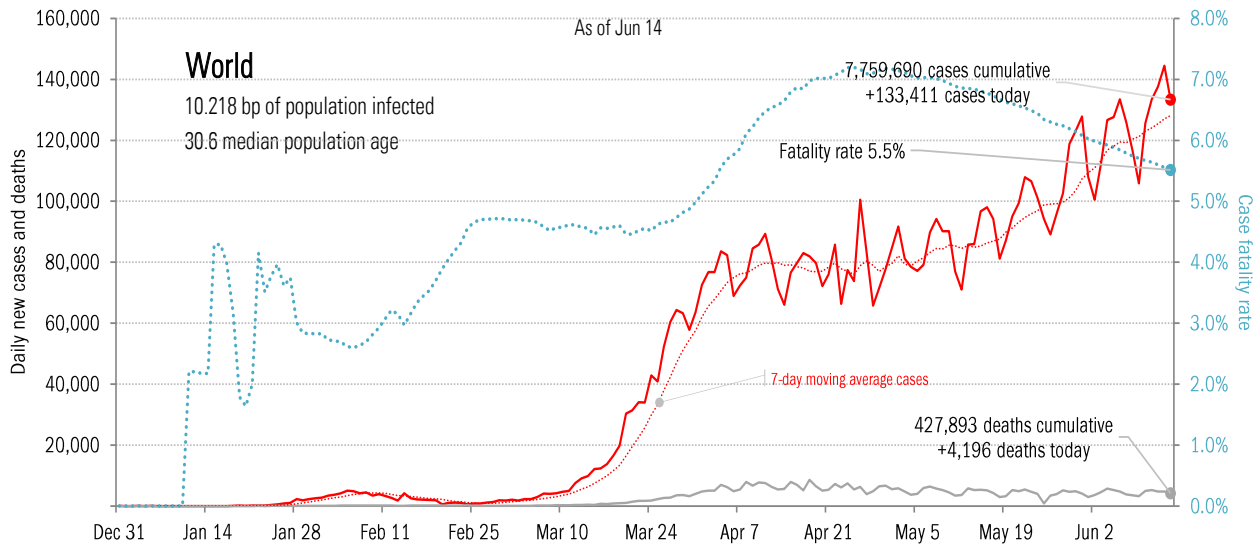
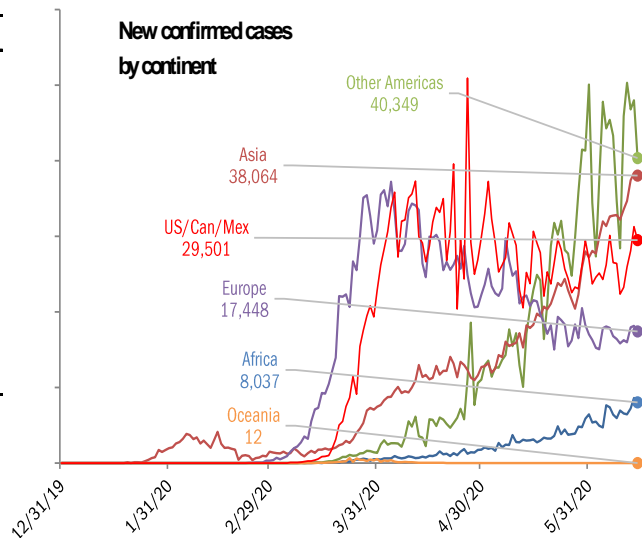
## Data Insights: Covid-2019 Monitor

Sunday, June 14, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+25,540	Brazil	+892
Brazil	+21,704	US	+767
India	+11,929	Mexico	+424
Russia	+8,706	India	+311
Pakistan	+6,825	Chile	+231
Chile	+6,509	Peru	+190
Peru	+4,383	UK	+181
South_Africa	+3,809	Russia	+114
Mexico	+3,494	Pakistan	+81
Saudi	+3,366	Italy	+78
<b>+96,265</b>		<b>+3,269</b>	
World	+133,411	World	+4,196
Top ten	72%	Top ten	78%



Source: [ECDC](#), TrendMacro calculations

#### For more information contact us:

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# The US scorecard

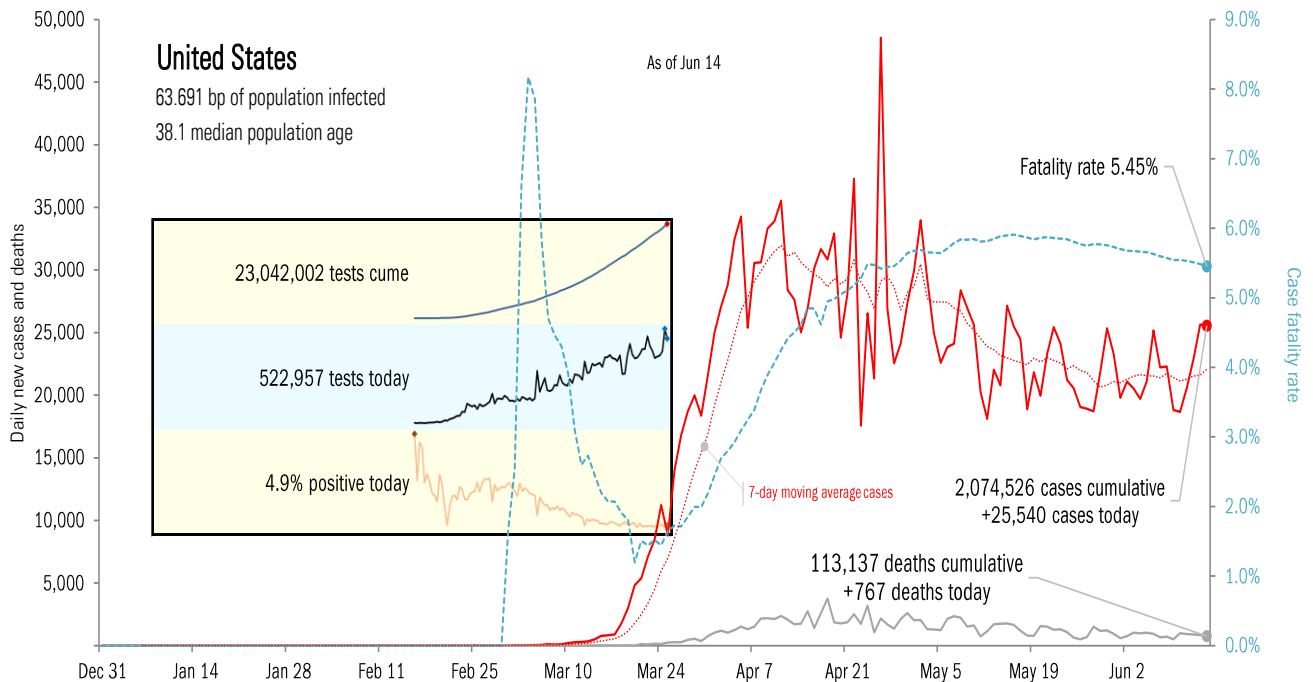
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
CA	+3,660	NJ	+100	CO	+177	NY	382,630	NY	24,527	NY	89,995
FL	+2,581	FL	+49	FL	+169	NJ	166,605	NJ	12,589	NJ	18,707
TX	+2,331	PA	+49	MD	+130	CA	145,643	MA	7,576	FL	12,155
AZ	+1,540	CA	+46	NJ	+100	IL	132,732	IL	6,470	MA	10,772
NC	+1,427	CH	+46	AZ	+70	MA	105,395	PA	6,211	MD	10,053
LA	+1,288	AZ	+39	VA	+62	TX	86,011	MI	6,013	CT	9,912
GA	+1,018	MA	+38	CH	+50	PA	78,462	CA	4,989	GA	9,224
NY	+916	NY	+32	MA	+46	FL	73,552	CT	4,186	VA	8,090
AL	+891	IL	+29	WA	+45	MI	65,836	FL	3,016	CH	6,864
SC	+785	GA	+28	GA	+43	MD	61,305	LA	3,004	IN	6,349
<b>+16,437</b>		<b>+456</b>		<b>+892</b>		<b>1,298,171</b>		<b>78,581</b>		<b>182,121</b>	
All states	+25,719	All states	+695	All states	+1,139	All states	2,063,249	All states	109,249	All states	224,420
Top ten	64%	Top ten	66%	Top ten	78%	Top ten	63%	Top ten	72%	Top ten	81%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
AR	-731	IL	-49	SC	-90	MI	+2,923
MS	-351	TN	-23	GA	-65	TX	+1,277
NC	-341	NY	-21	NM	-42	PA	+1,122
NM	-276	CA	-16	IN	-35	MN	+592
KS	-235	MN	-16	MS	-28	WI	+448



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

## Recommended reading

[Unnecessary Lockdowns Created Social Turmoil, Global Suffering](#)

Yinon Weiss  
*Real Clear Politics*  
June 11, 2020

[Spain PM: Pandemic Increased Mortality Among Non-Virus Ill](#)

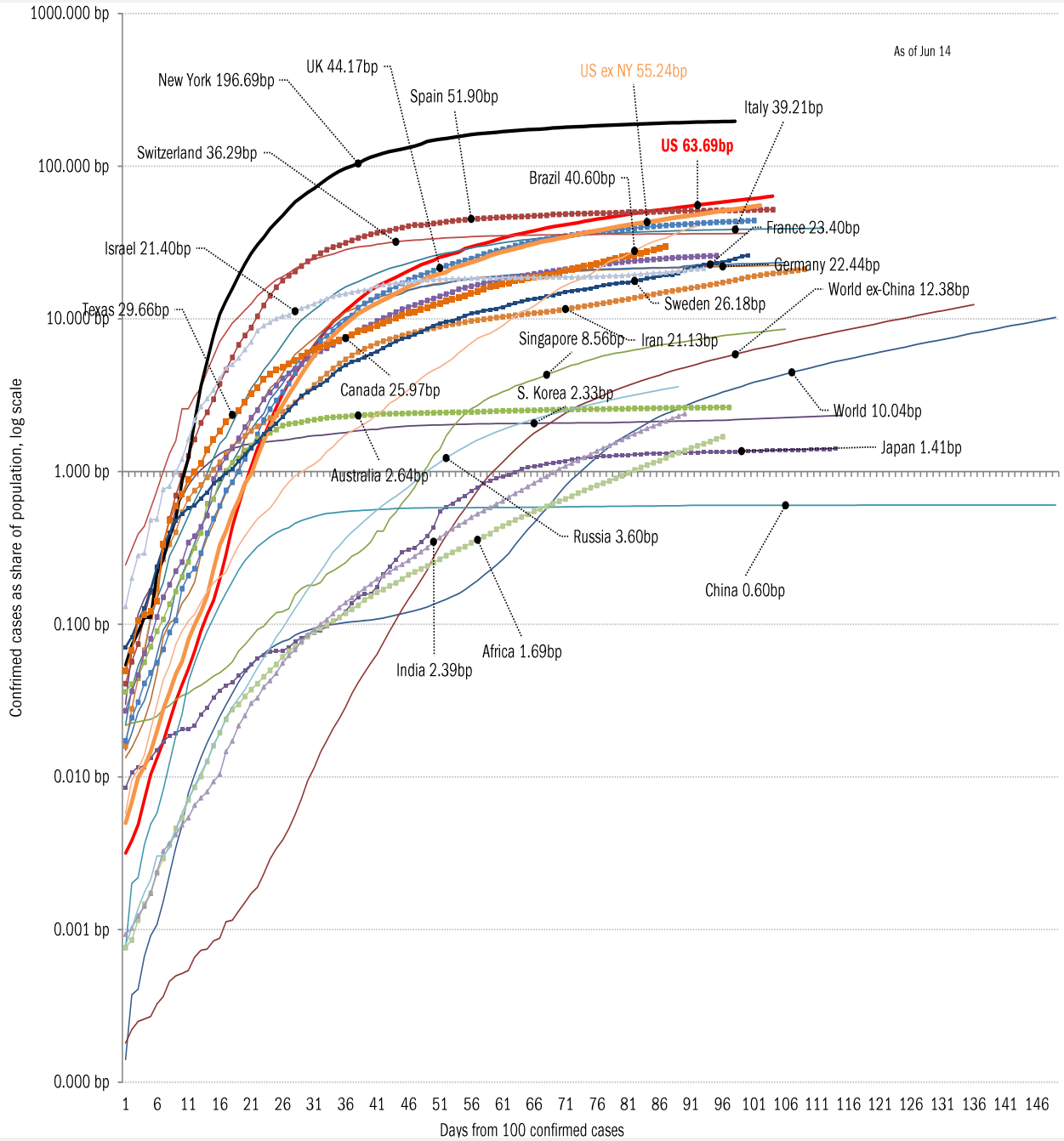
*Associated Press*  
June 7, 2020

## Meme of the day



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

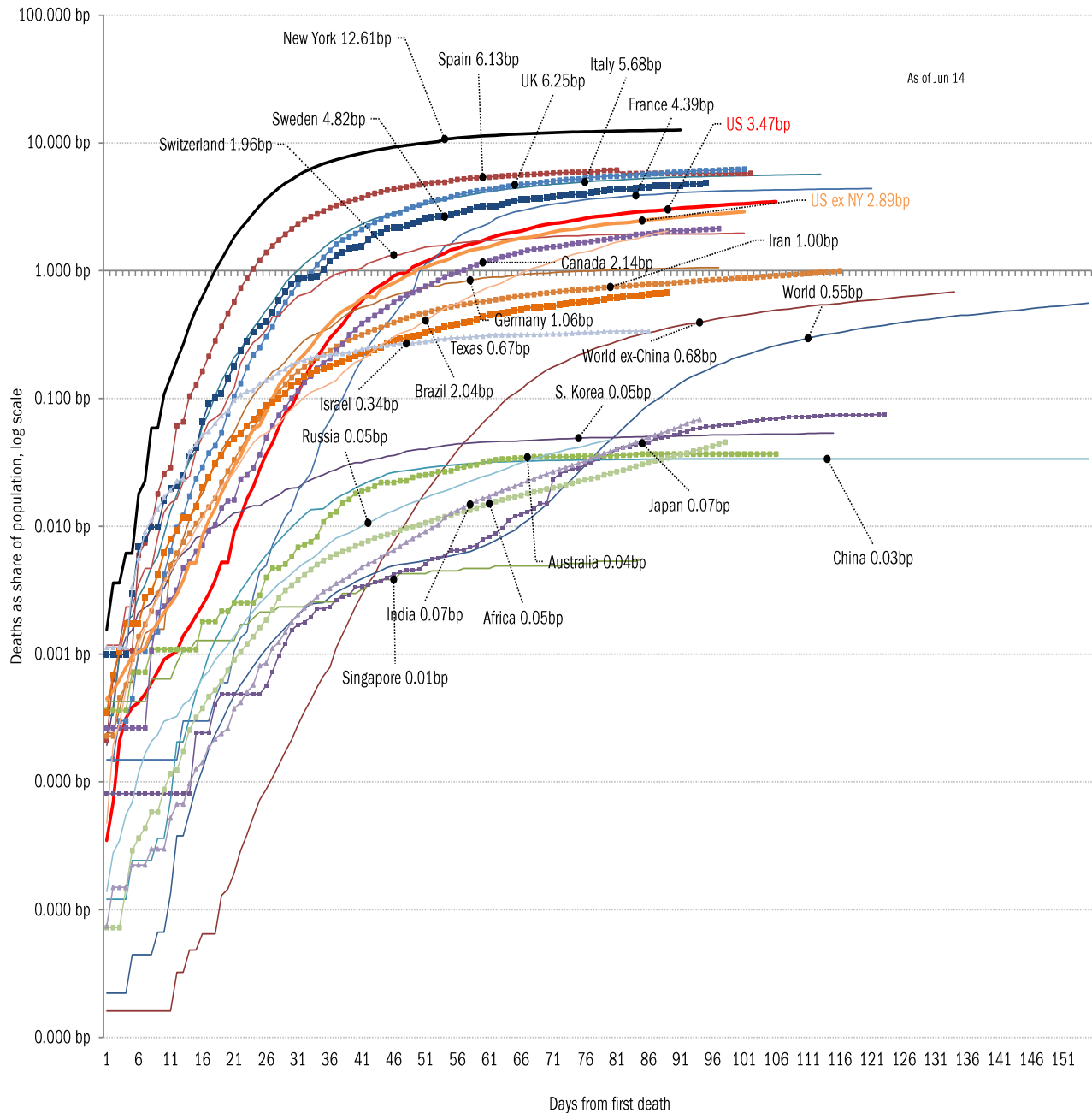
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

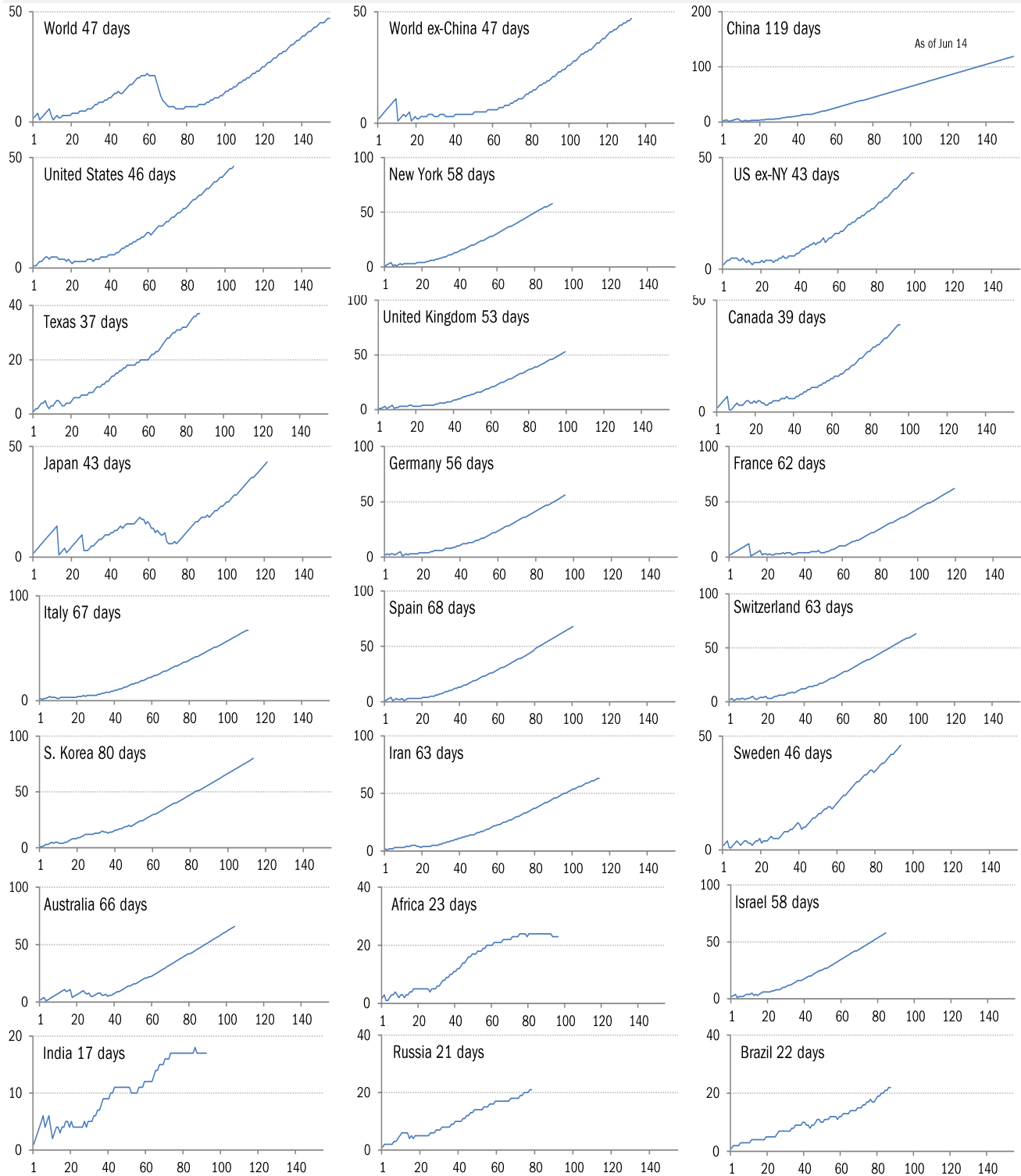
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

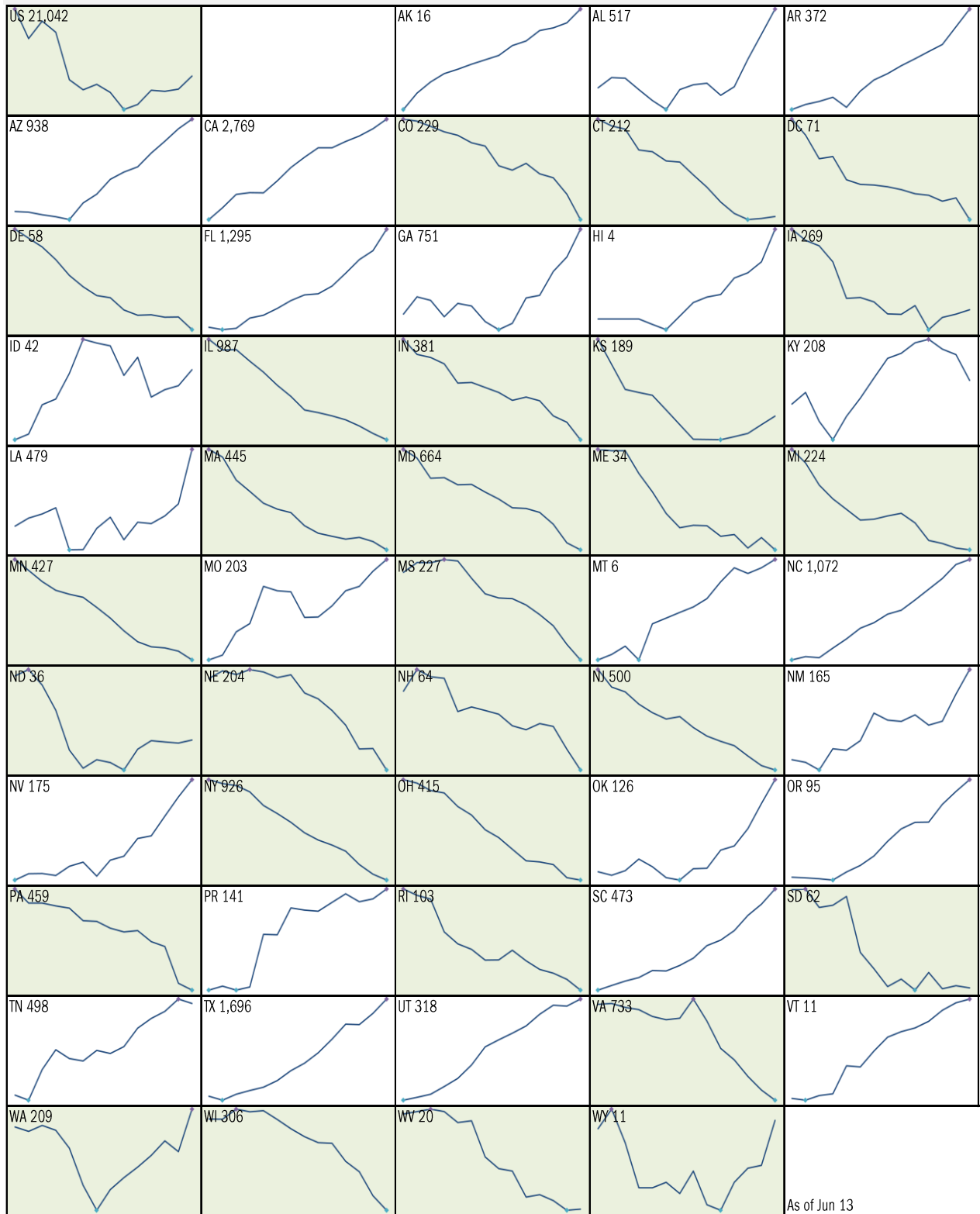
# Our most reliable evidence of slowing exponential growth of Covid-2019

Vertical: number of days it takes to double deaths Horizontal: days from first death



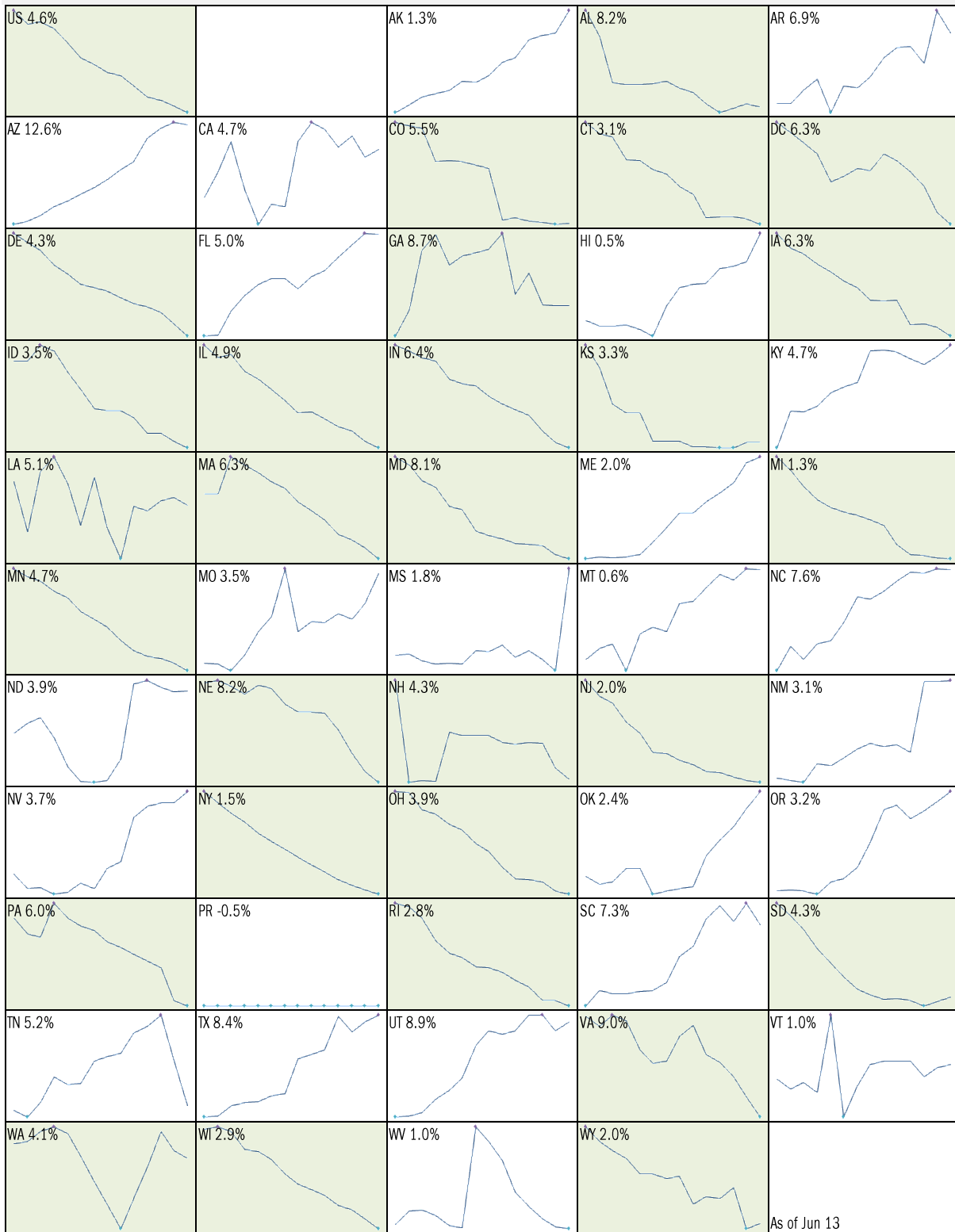
Source: [ECDC](#), TrendMacro calculations

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



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



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

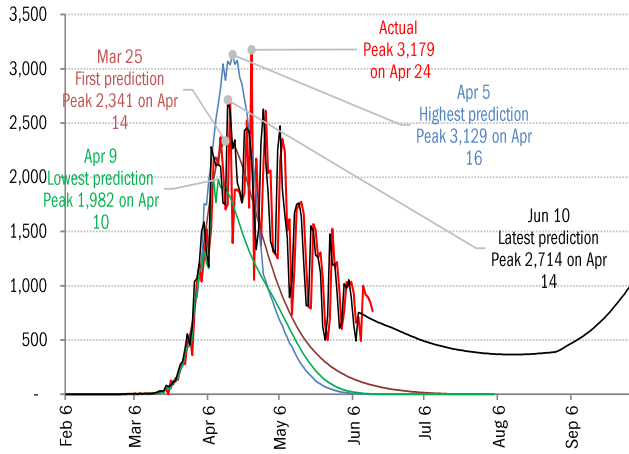


# Reality-checking the models: actuals versus [IHME predictions](#)

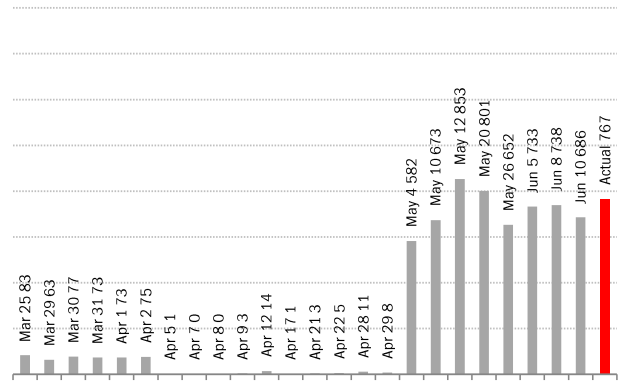
## New daily fatalities

As of Jun 14

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

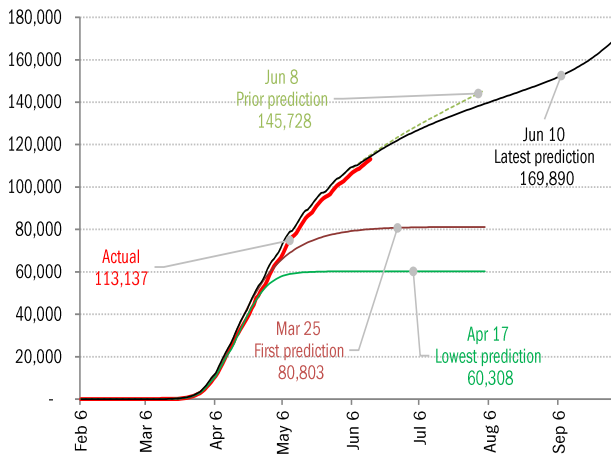


For this day, versus all model mean predictions

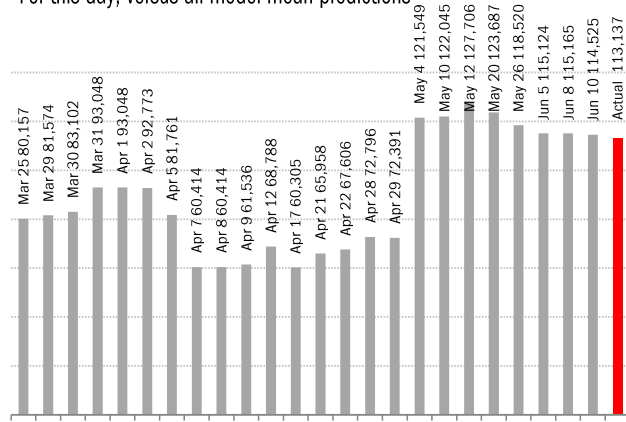


## Cumulative fatalities

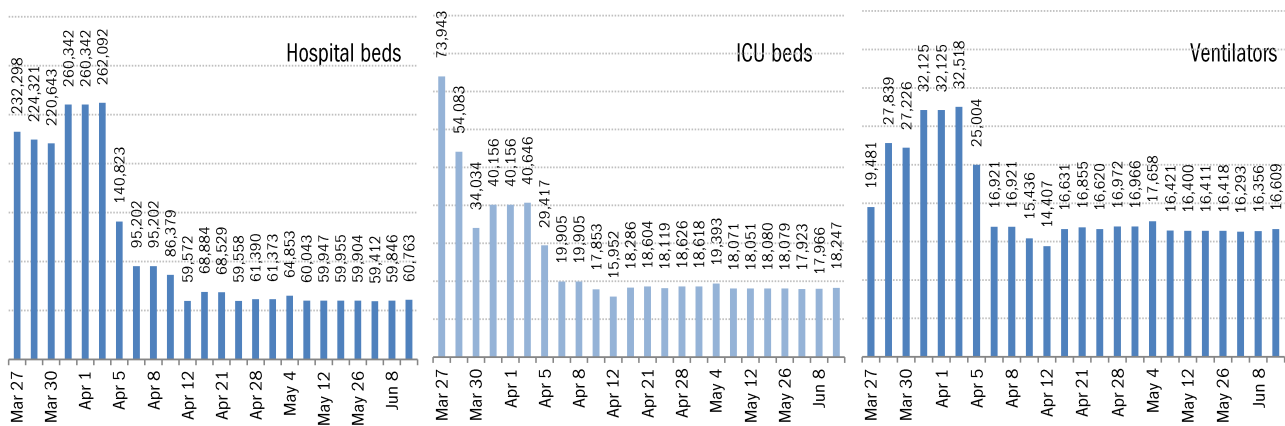
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

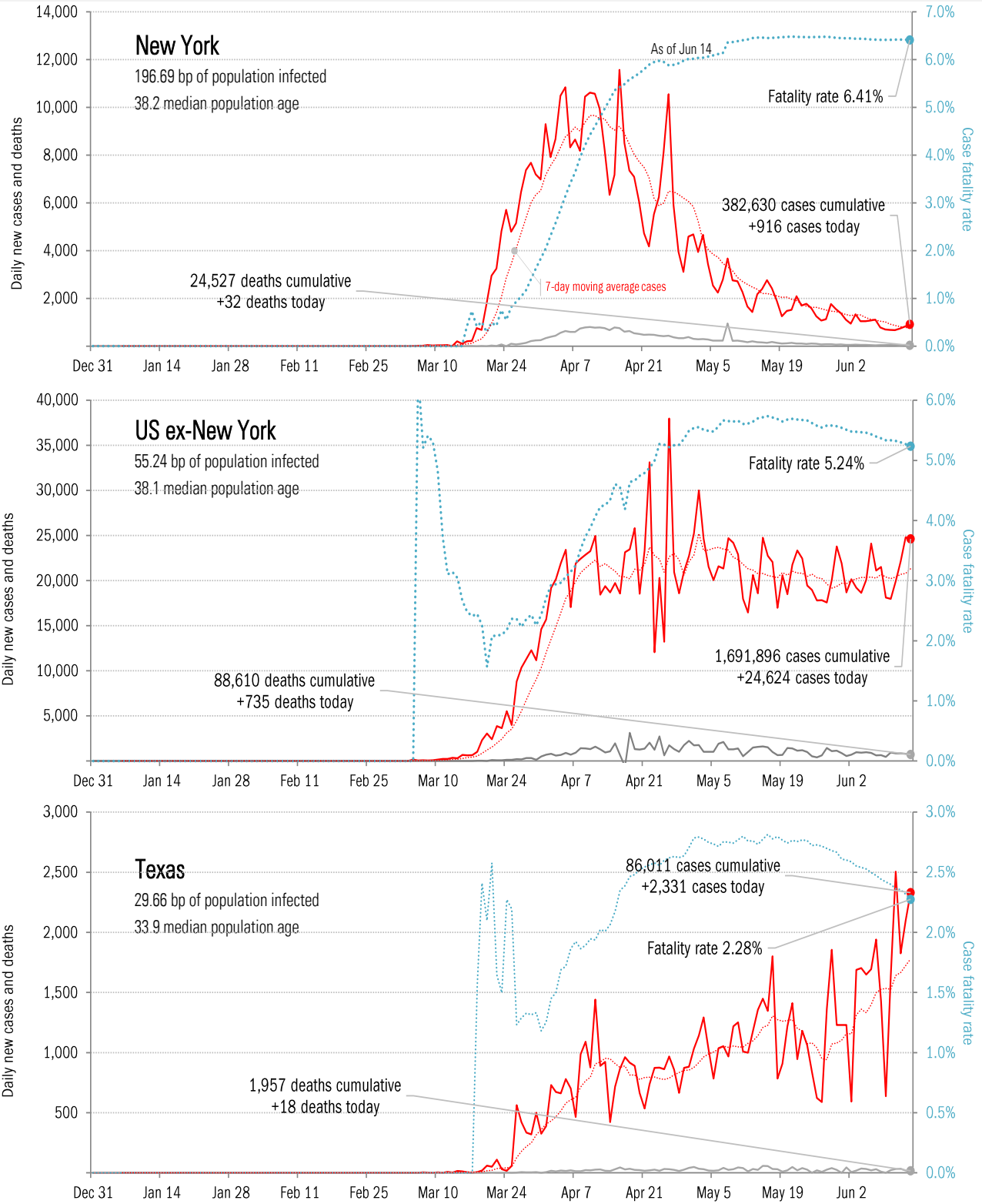


## Healthcare system stress, peak estimated at each model revision



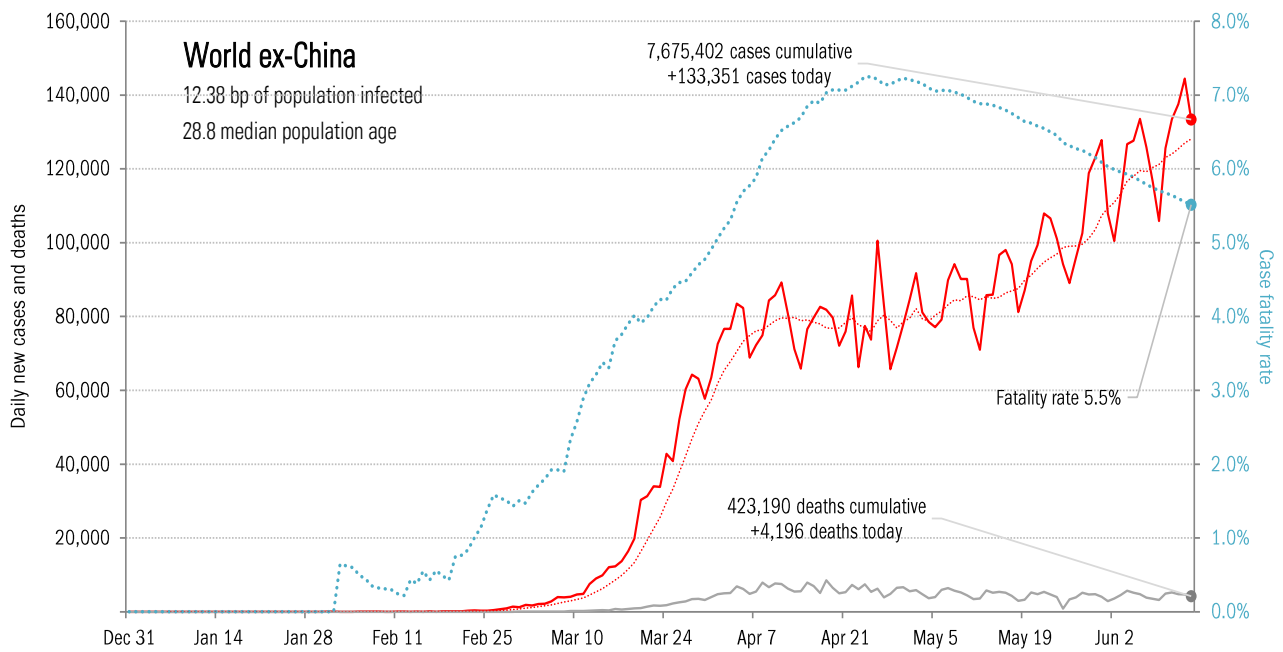
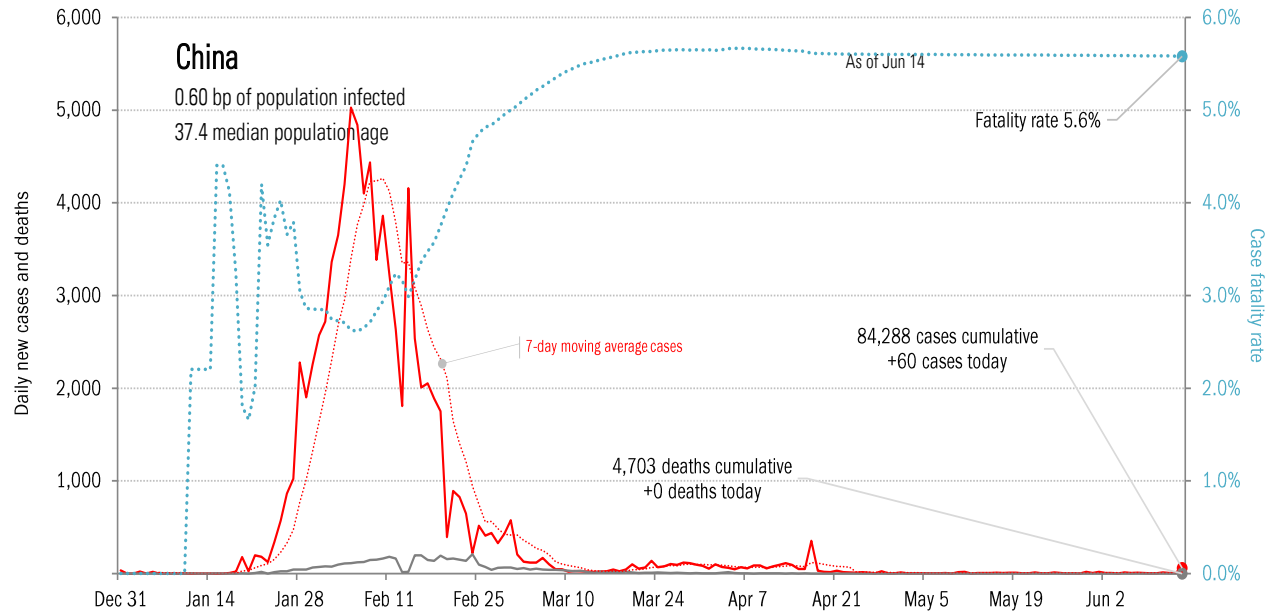
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



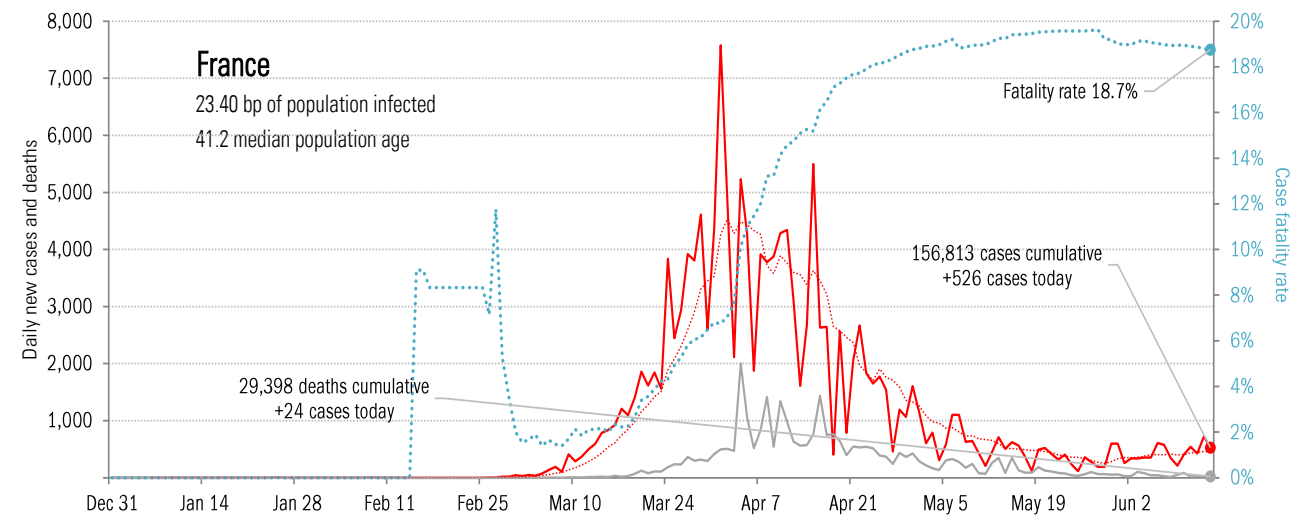
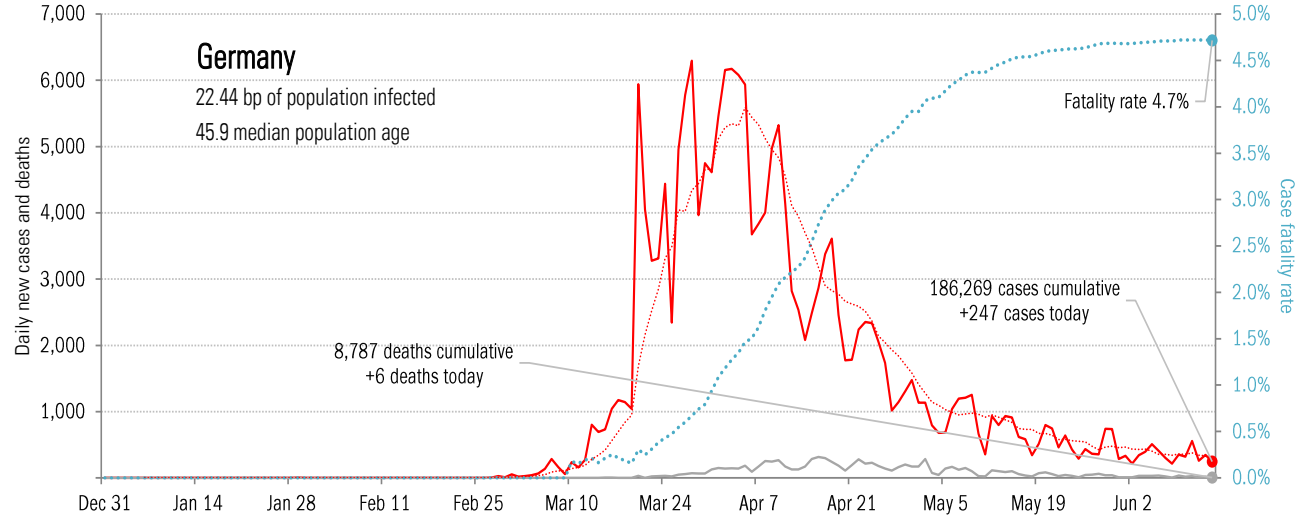
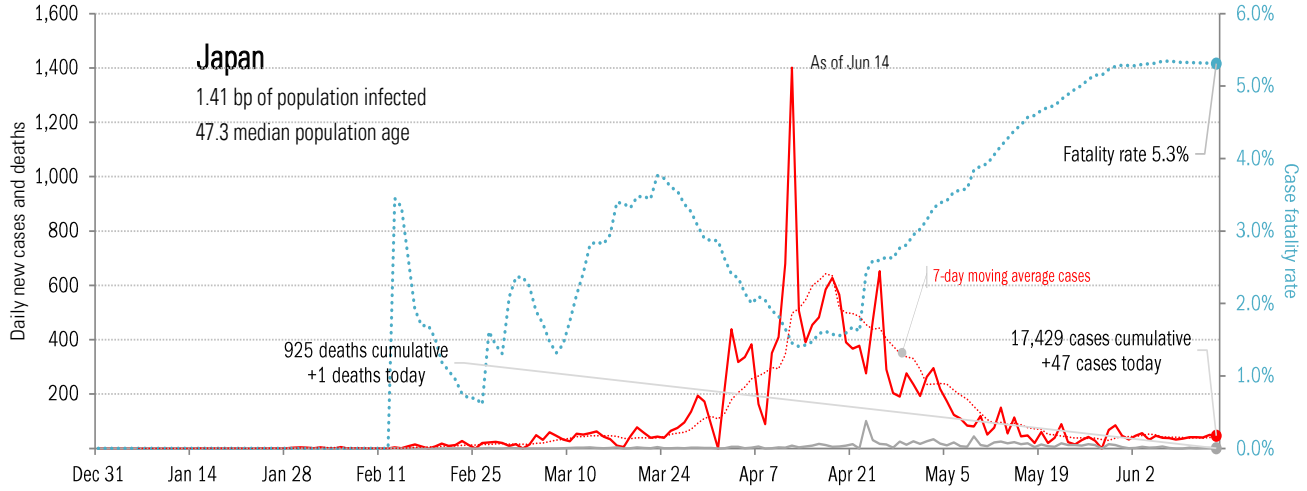
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



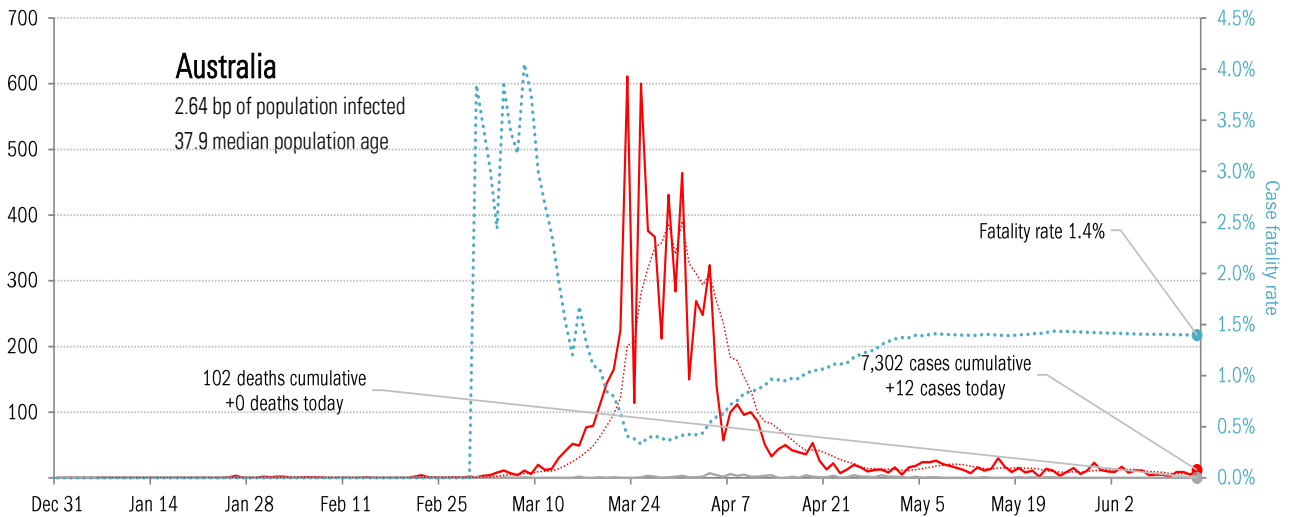
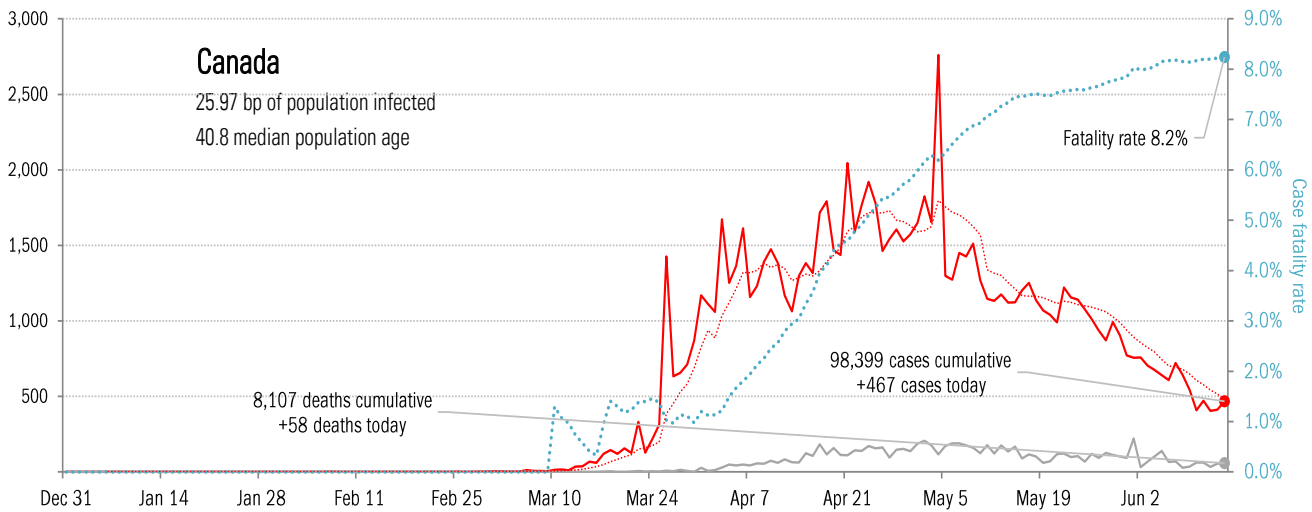
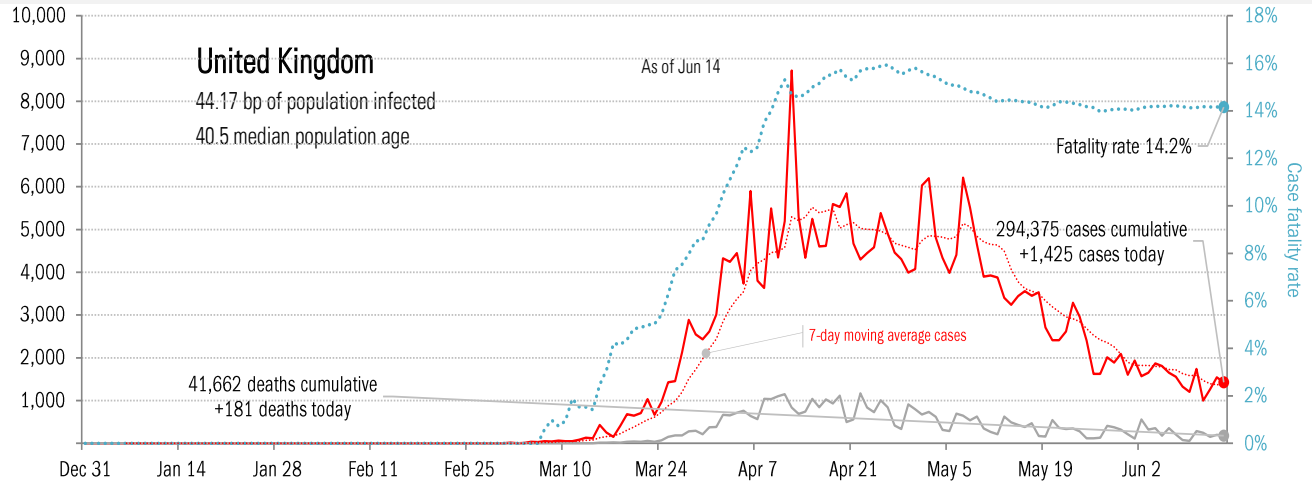
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



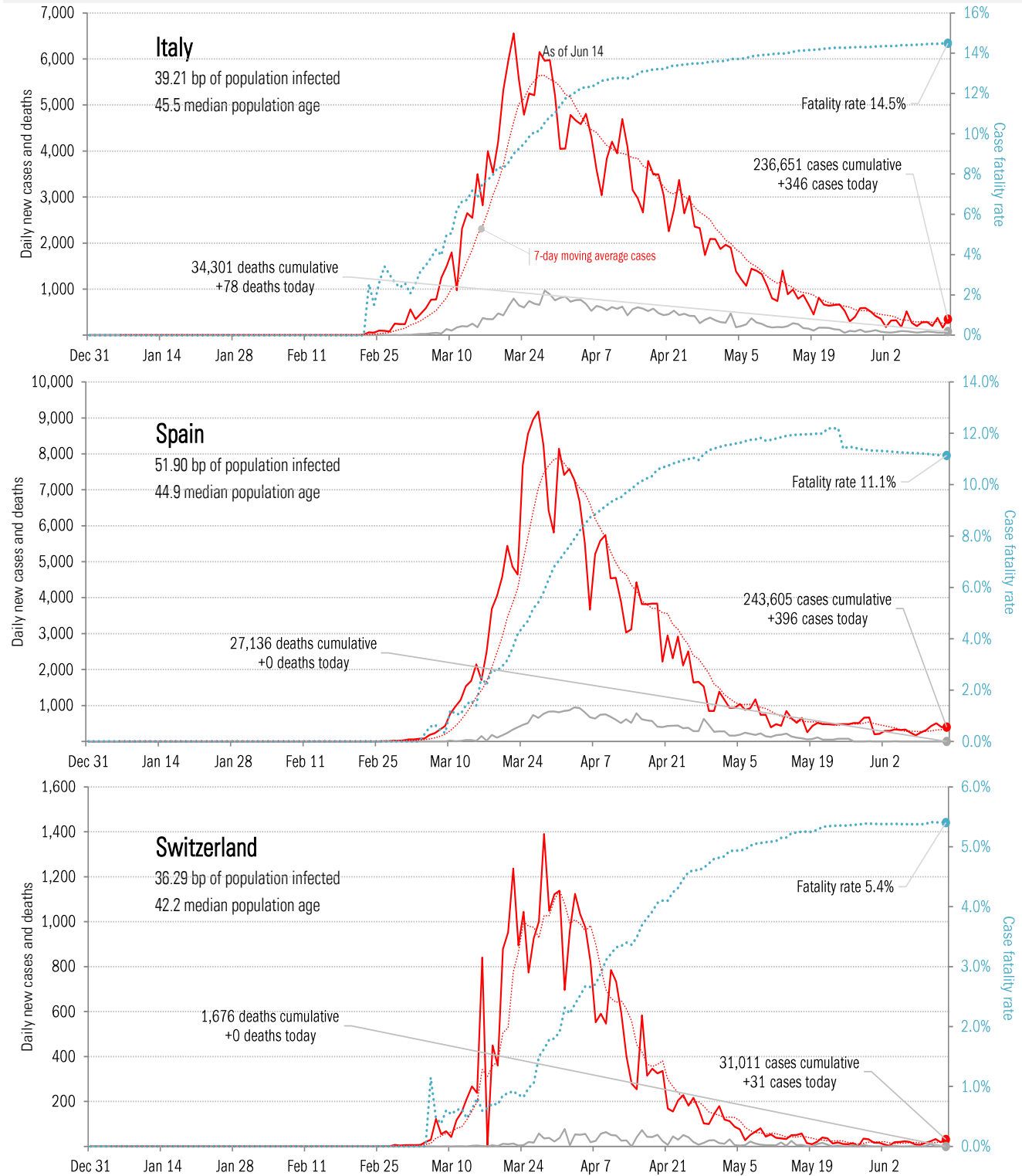
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



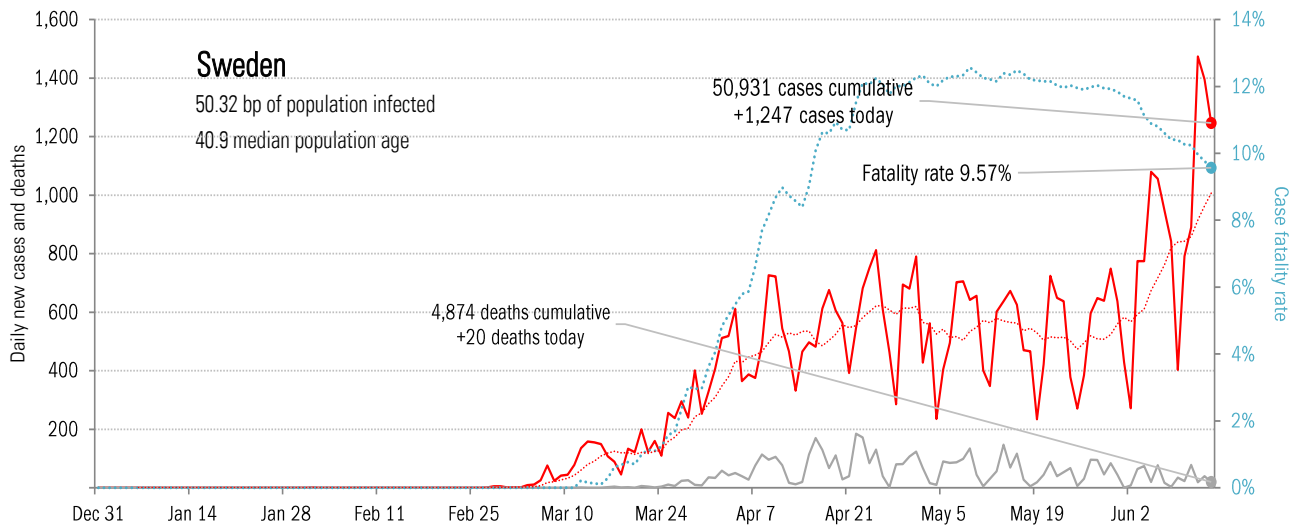
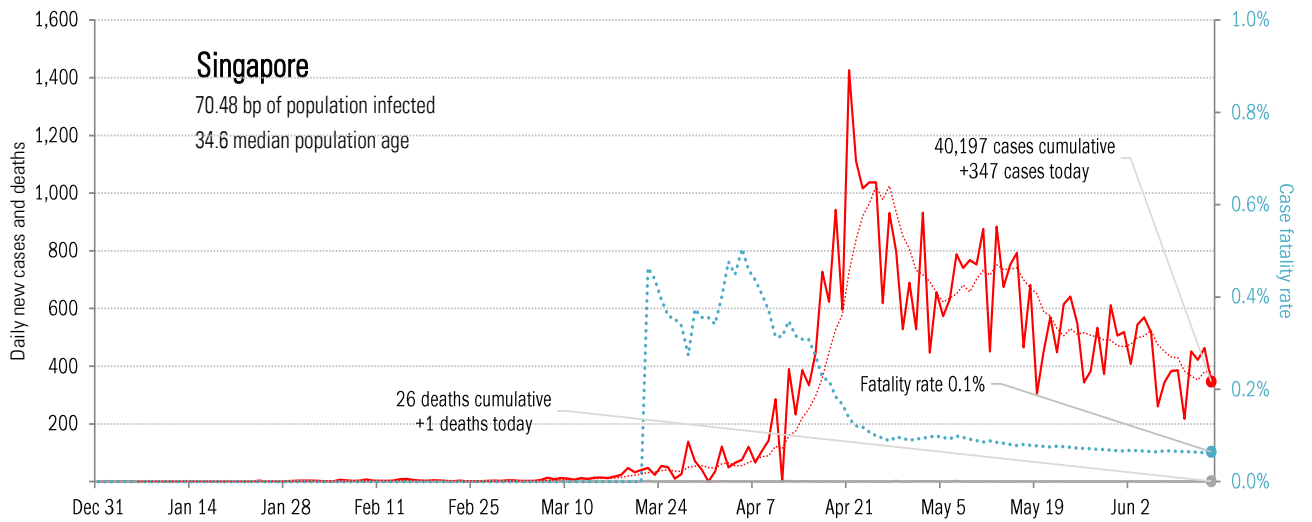
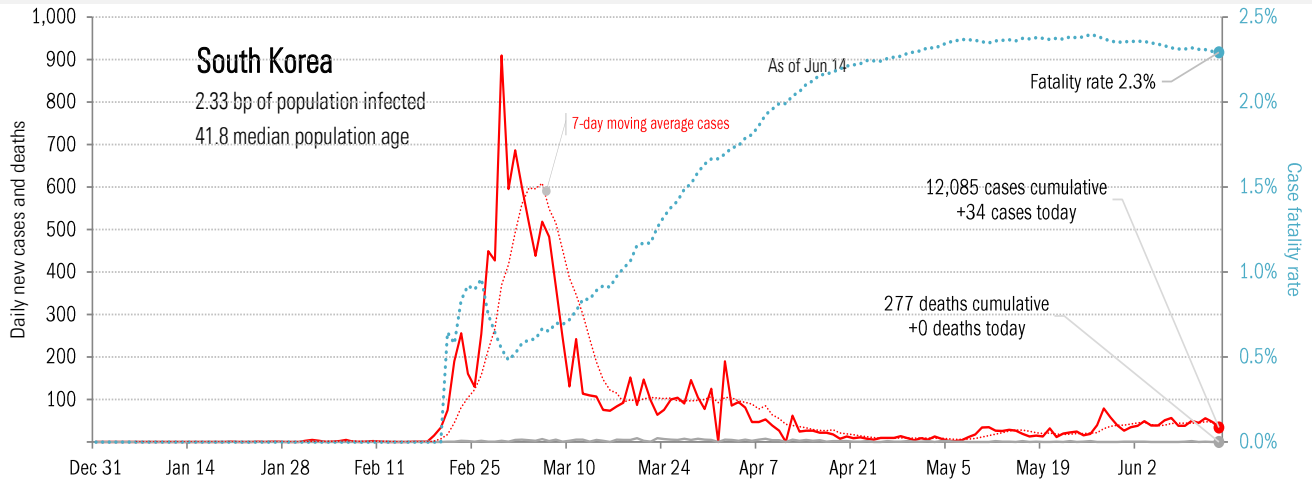
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



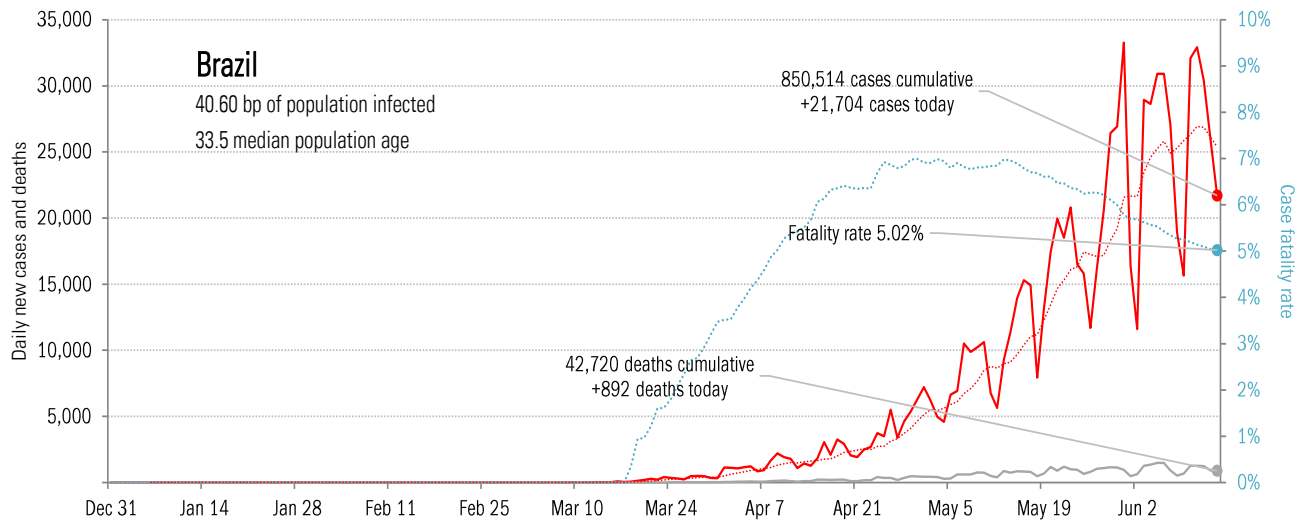
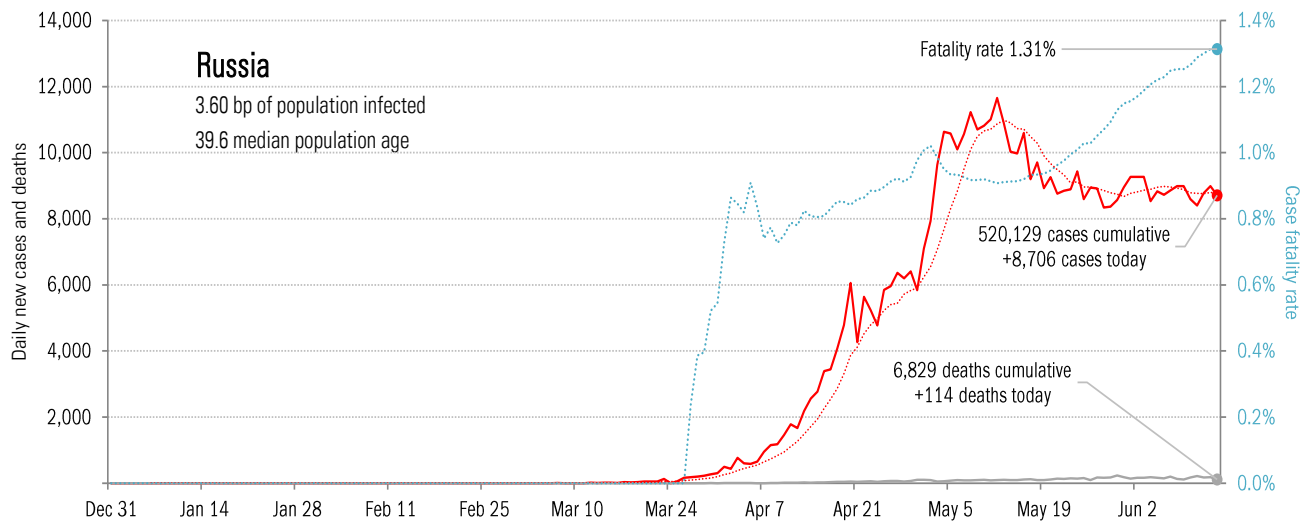
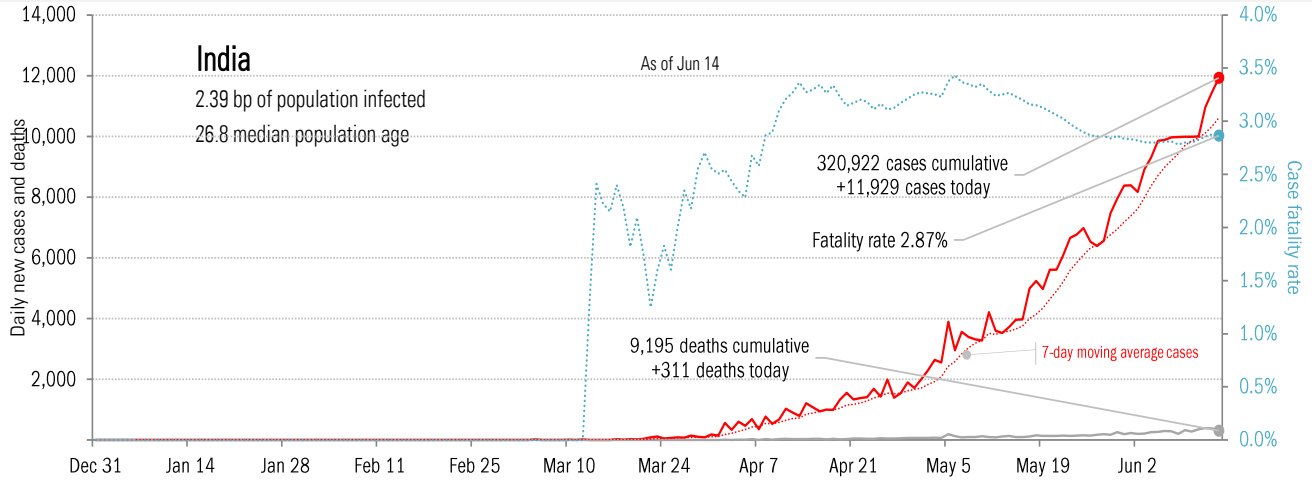
Source: [ECDC](#), TrendMacro calculations

## Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

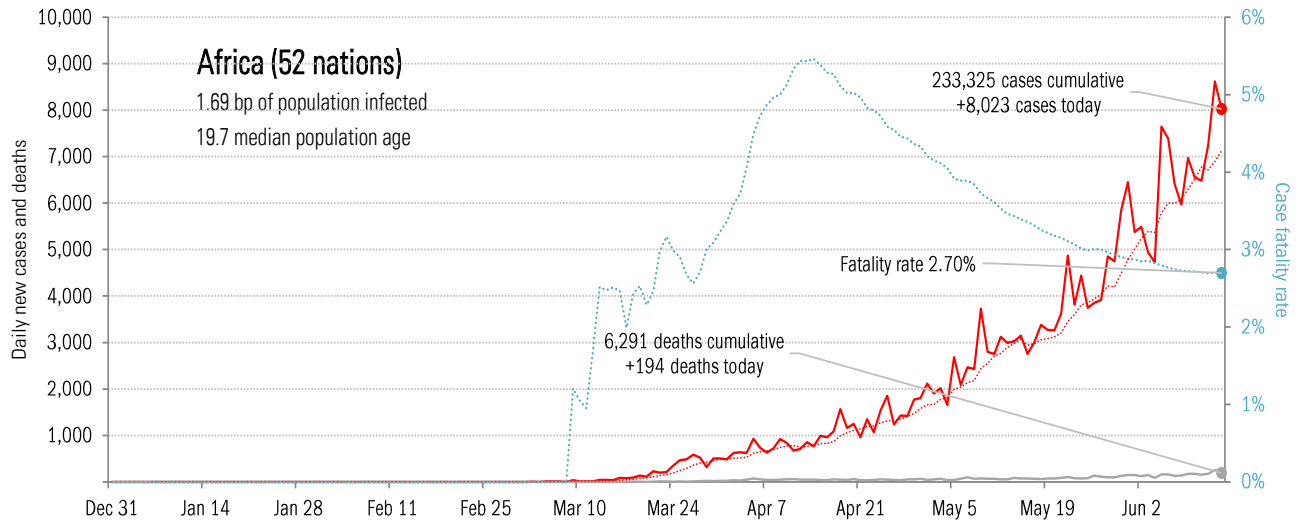
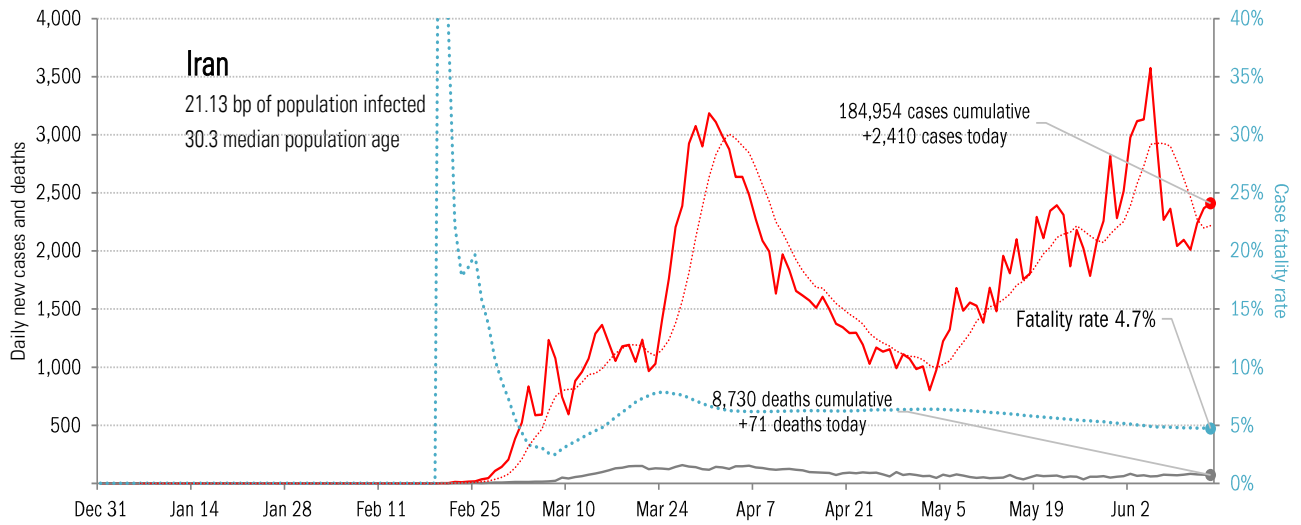
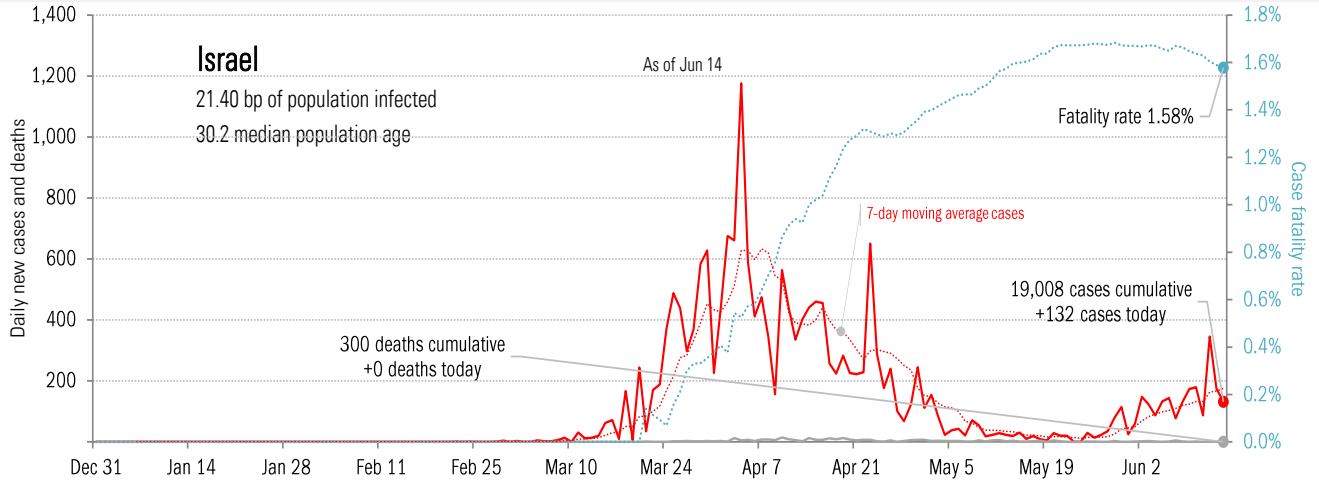
# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations



# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations