

## Data Insights: Covid-2019 Monitor

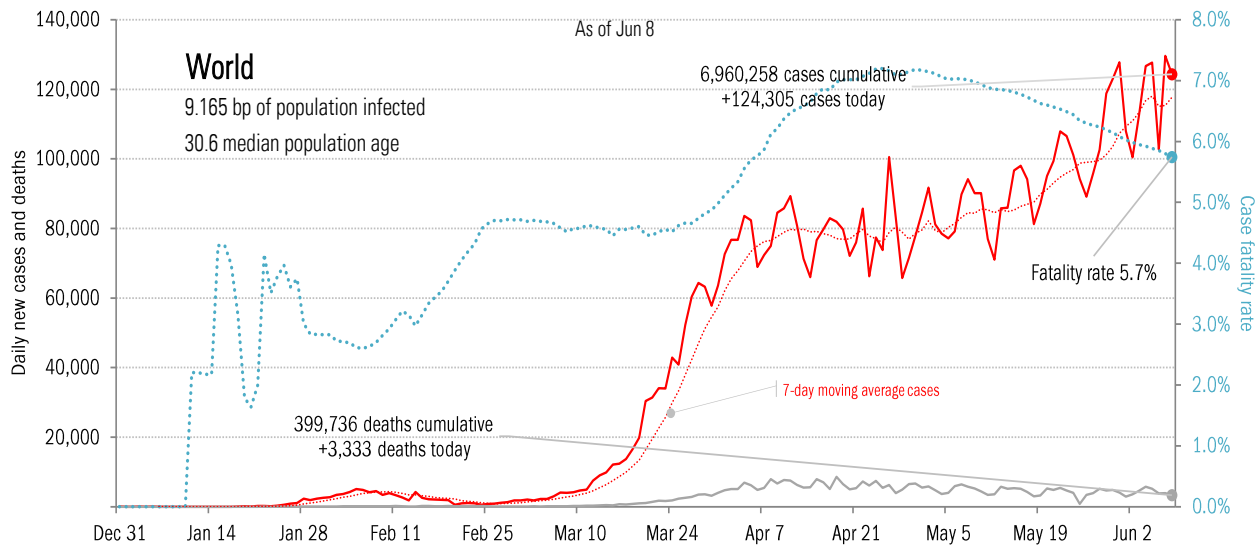
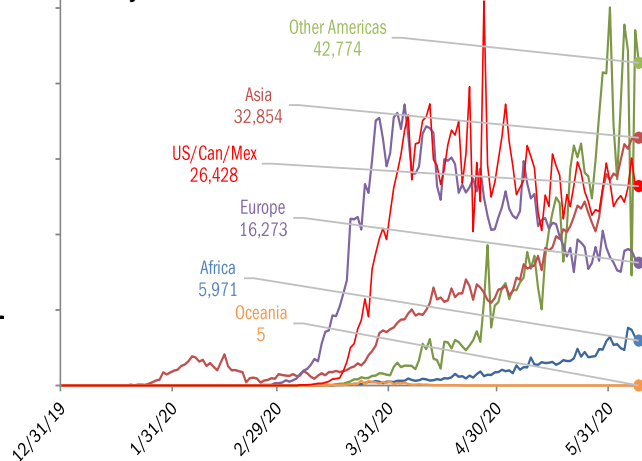
Monday, June 8, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
Brazil	+27,075	Brazil	+904
US	+22,302	US	+712
India	+9,983	India	+206
Russia	+8,984	Mexico	+188
Chile	+6,405	Peru	+164
Peru	+4,757	Russia	+134
Pakistan	+4,728	Chile	+96
Mexico	+3,484	UK	+77
Saudi	+3,045	Iran	+72
Bangladesh	+2,743	Pakistan	+65
<b>+93,506</b>		<b>+2,618</b>	
World	+124,305	World	+3,333
Top ten	75%	Top ten	79%

#### New confirmed cases by continent



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

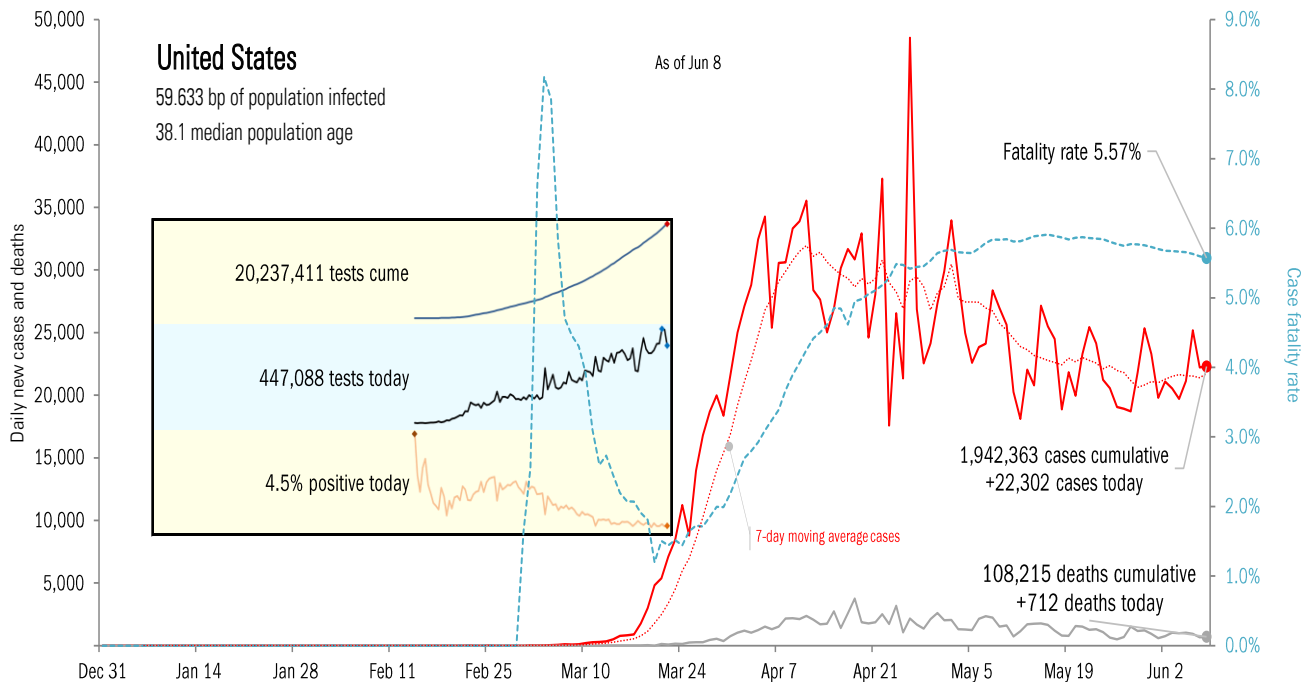
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
CA	+2,796	NJ	+70	VA	+171	NY	378,097	NY	24,259	NY	89,995
AZ	+1,438	CA	+67	MD	+95	NJ	164,164	NJ	12,176	NJ	18,050
TX	+1,425	NY	+47	FL	+52	CA	128,812	MA	7,316	FL	11,215
VA	+1,284	IL	+40	MS	+47	IL	127,757	PA	5,943	MA	10,393
FL	+1,180	MA	+27	IN	+45	MA	103,436	IL	5,904	CT	9,669
NC	+921	CT	+16	OH	+37	PA	76,212	MI	5,895	MD	9,546
IL	+867	MN	+16	AZ	+32	TX	74,978	CA	4,626	GA	8,685
SC	+833	MS	+14	MN	+31	MI	64,413	CT	4,071	VA	7,724
NY	+781	FL	+13	AL	+29	FL	63,938	LA	2,936	CH	6,497
GA	+589	PA	+12	NJ	+27	MD	57,973	FL	2,786	IN	6,136
<b>+12,114</b>		<b>+322</b>		<b>+566</b>		<b>1,239,780</b>		<b>75,912</b>		<b>177,910</b>	
All states	+19,932	All states	+453	All states	+647	All states	1,936,161	All states	104,400	All states	216,906
Top ten	61%	Top ten	71%	Top ten	87%	Top ten	64%	Top ten	73%	Top ten	82%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-515	PA	-33	NJ	-116	PA	+1,110
NC	-449	MI	-32	AK	-96	TX	+863
NY	-327	IL	-29	NM	-73	MN	+739
CA	-319	MD	-29	FL	-45	IN	+409
KY	-310	AZ	-28	MA	-42	NE	+298



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

## Recommended reading

[UPMC doctor says COVID-19 has become 'less prevalent' and isn't making people as sick](#)

David Wenner  
*PENNlive Patriot News*  
June 5, 2020

[Effects of Social Distancing Policy on Labor Market Outcomes](#)

Sumedha Gupta et al.  
*NBER*  
May 2020

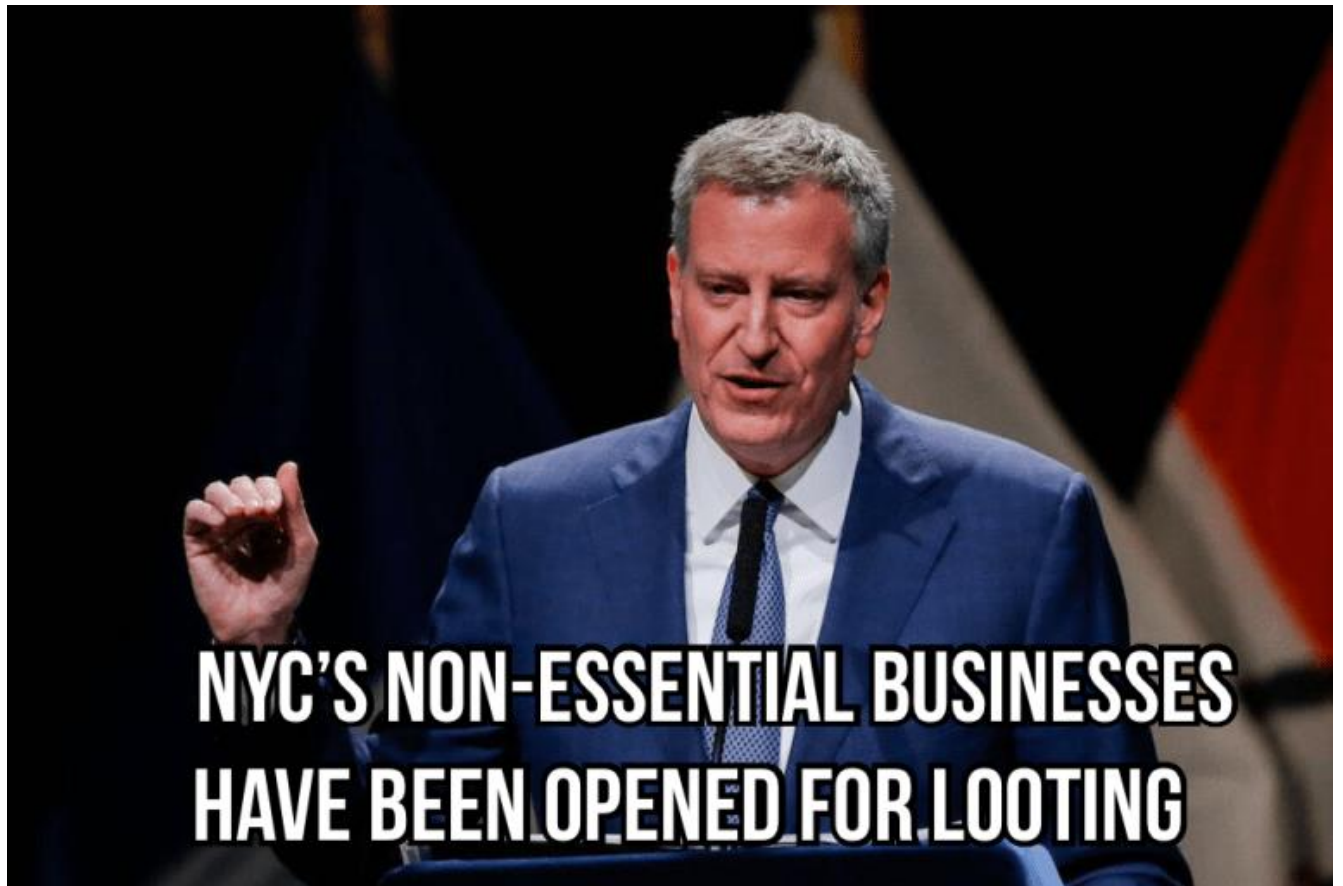
[Incarceration And Its Disseminations: COVID-19 Pandemic Lessons From Chicago's Cook County Jail](#)

Eric Reinhart and Daniel Chen  
*Health Affairs*  
June 4, 2020

[China Unquarantined](#)

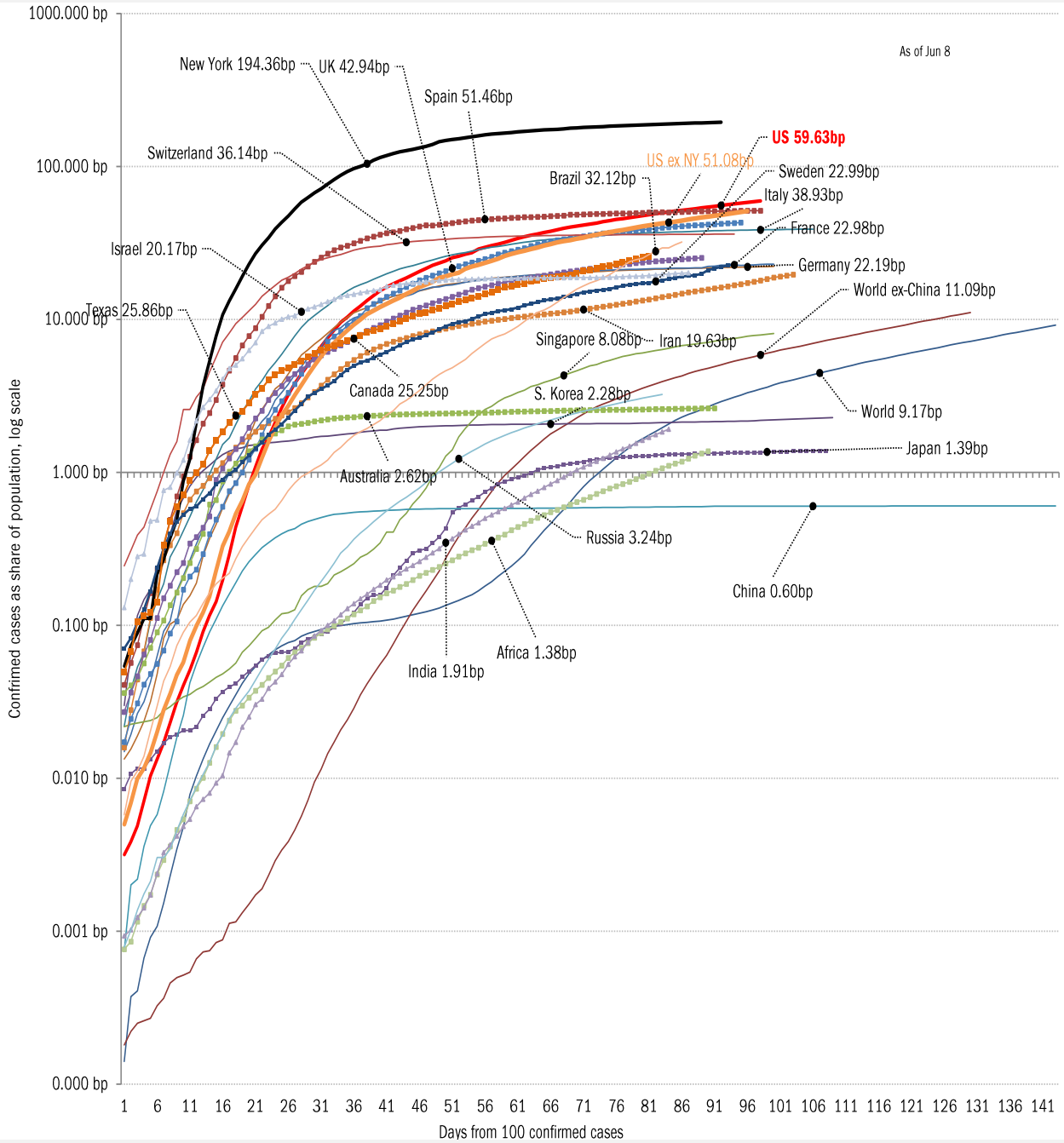
Dan Blumenthal and Nicholas Eberstadt  
*National Review*  
June 4, 2020

## Meme of the day



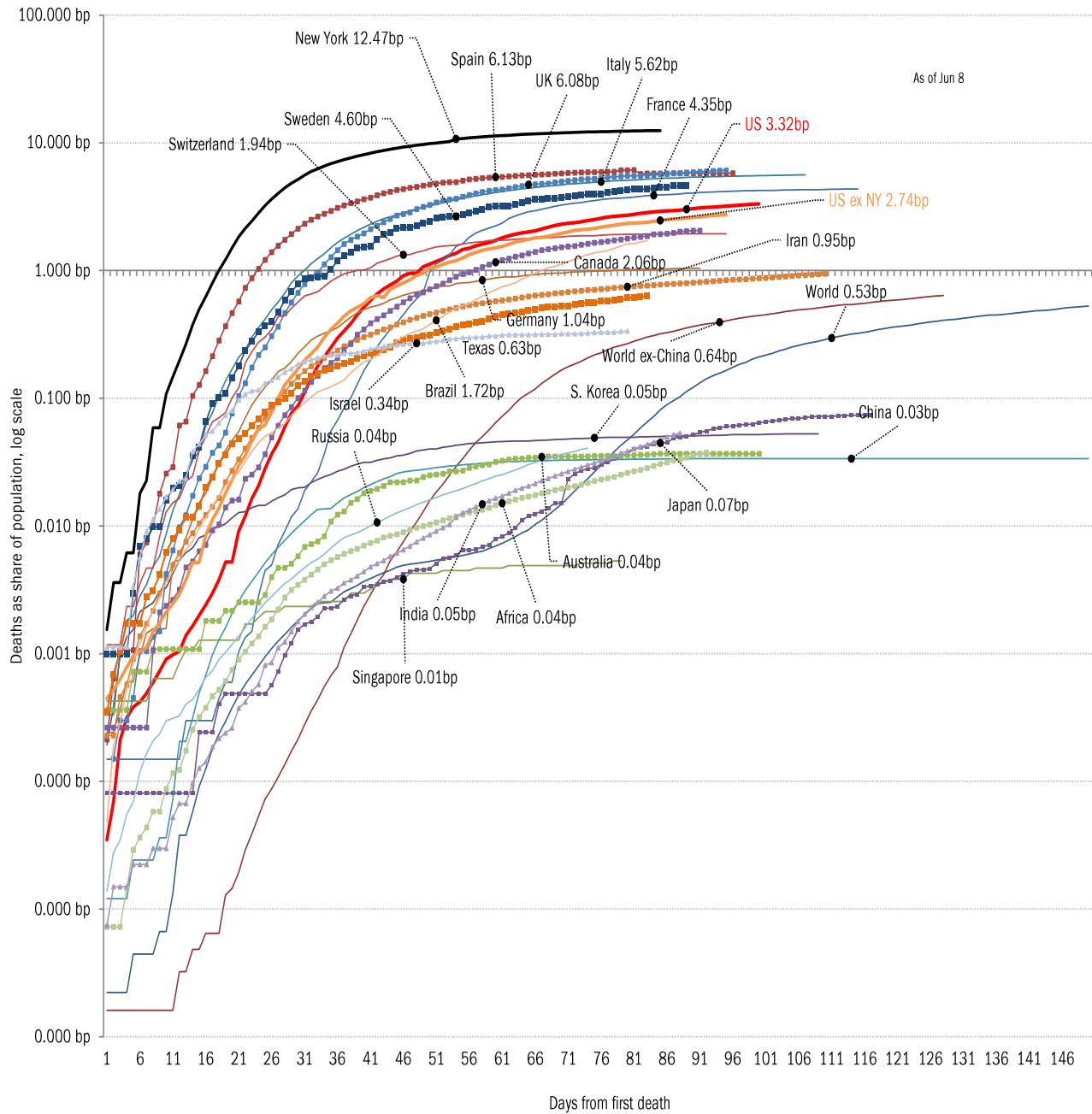
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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

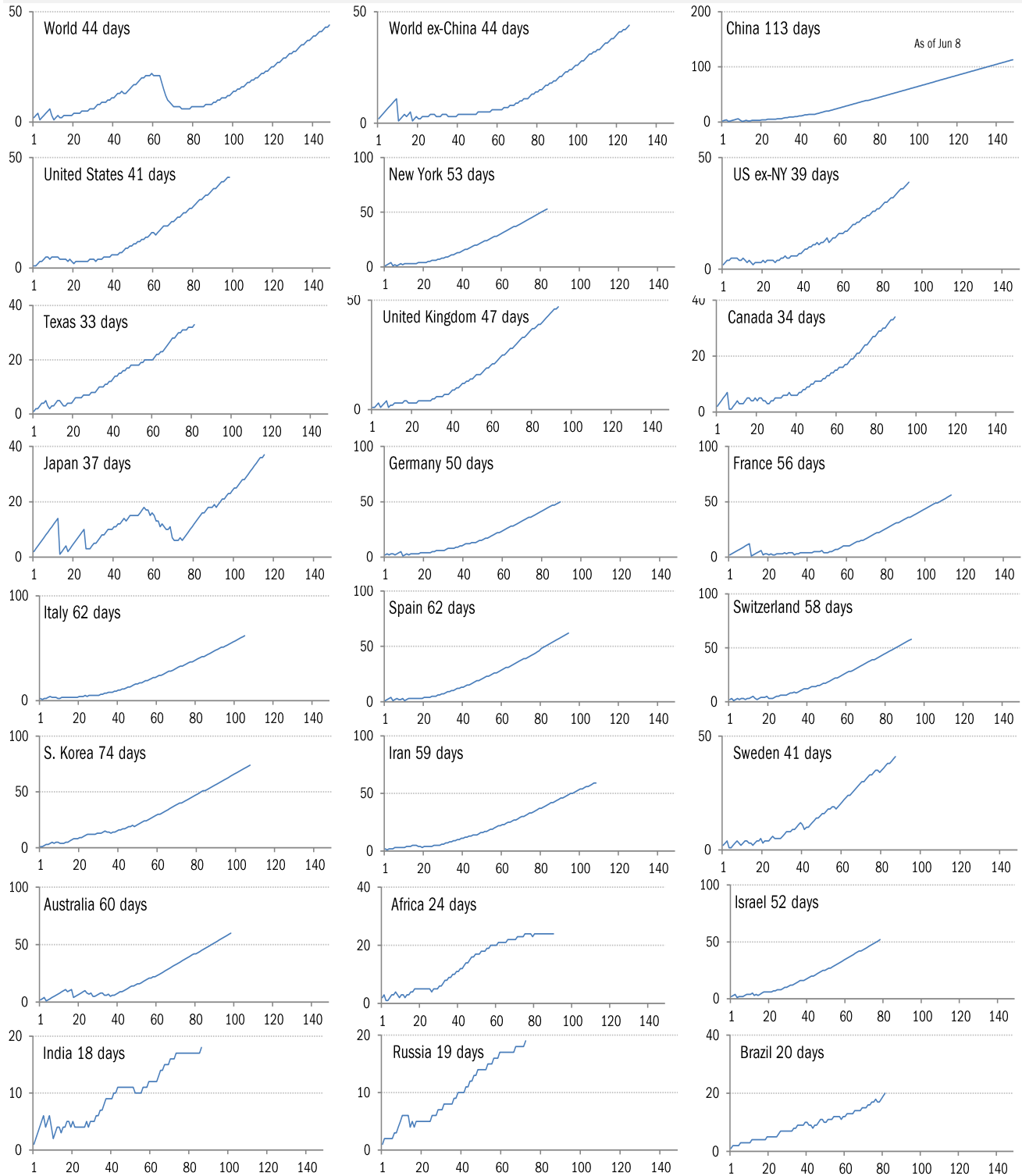
The coronavirus mortality accelerometer ... tracking the world's fatality curves  
*Share of deceased population from day of first fatality*



Source: [ECDC](#), TrendMacro calculations

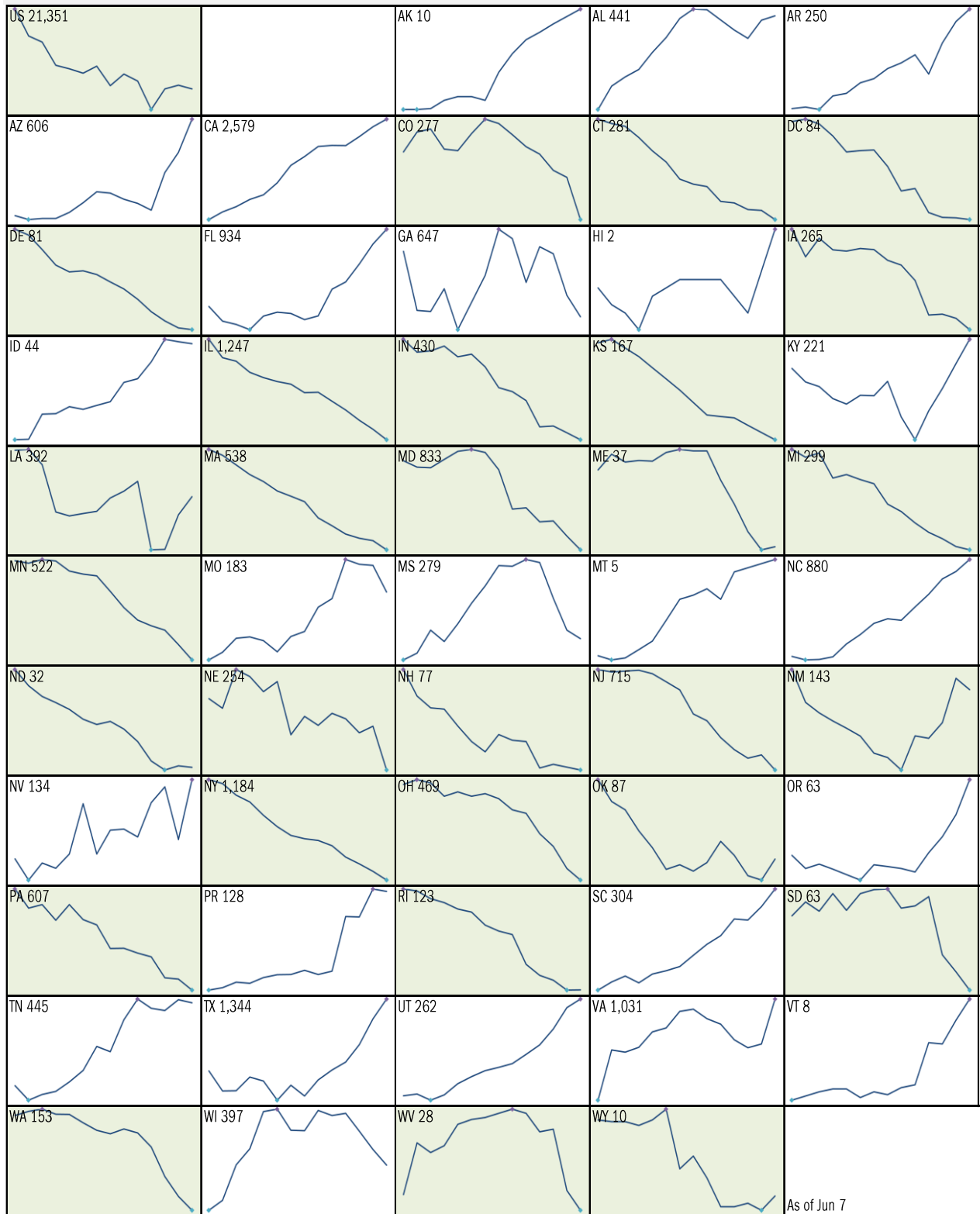
# Our most reliable evidence of slowing exponential growth of Covid-2019

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



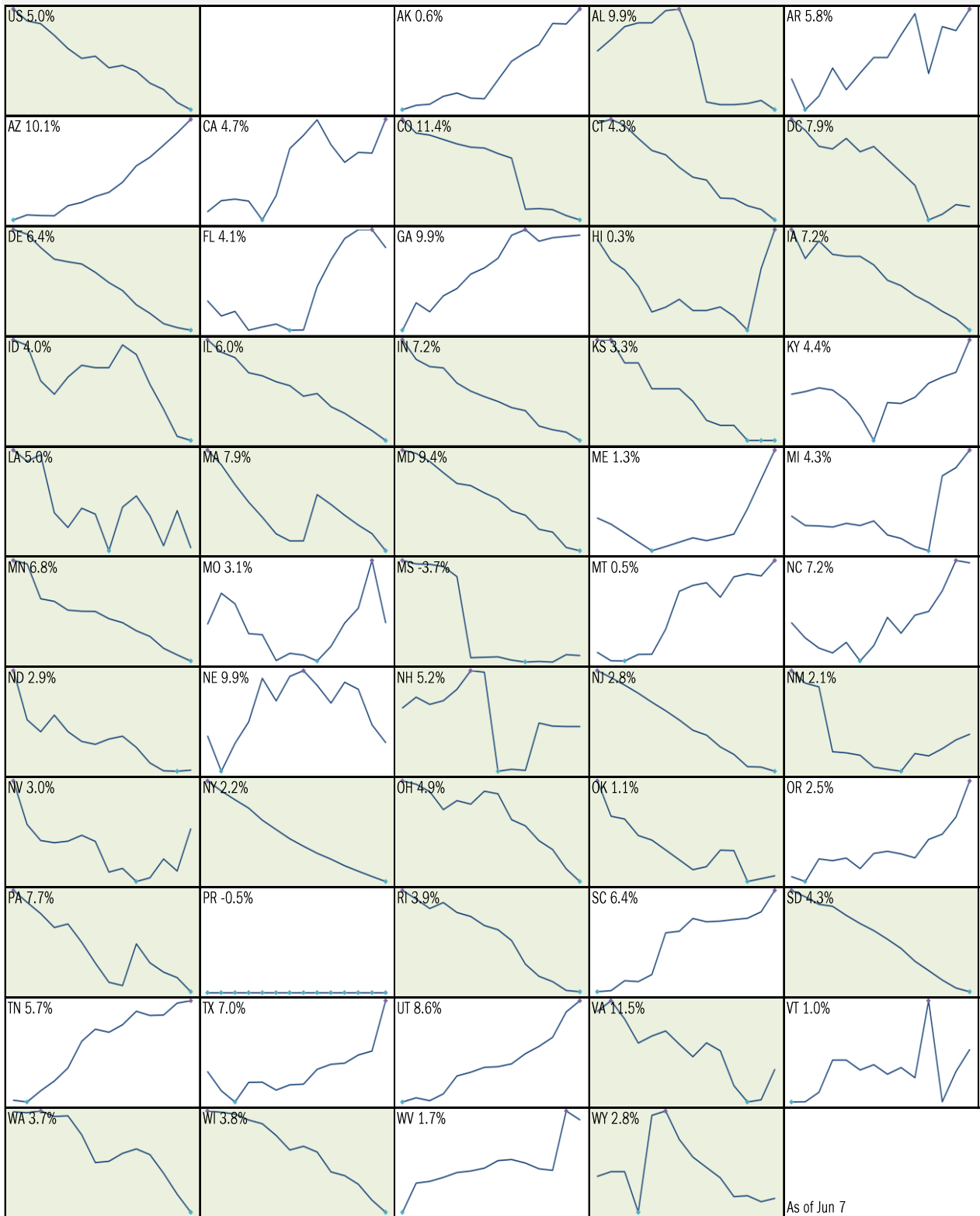
Source: [ECDC](#), TrendMacro calculations

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

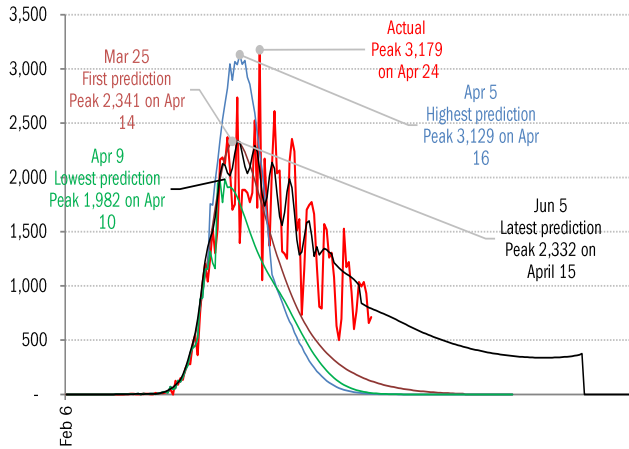


# Reality-checking the models: actuals *versus* IHME predictions

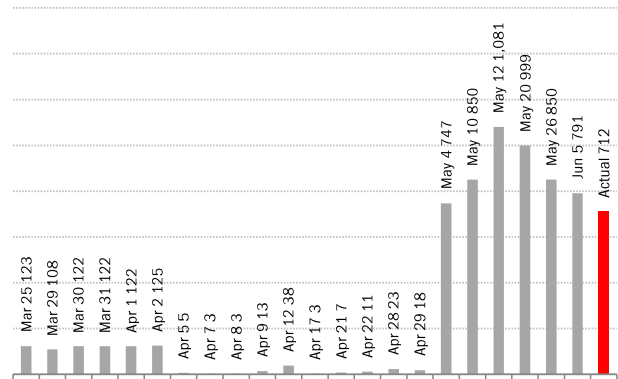
## New daily fatalities

As of Jun 8

Actual versus first, highest and latest model mean predictions

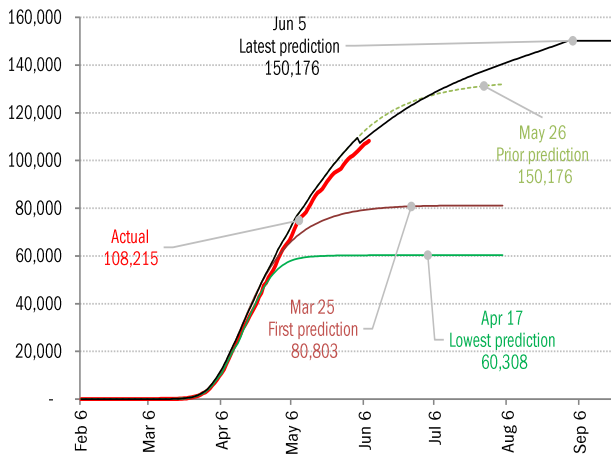


For this day, versus all model mean predictions

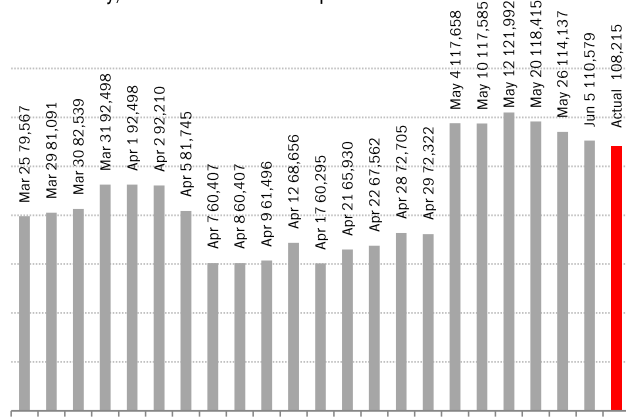


## Cumulative fatalities

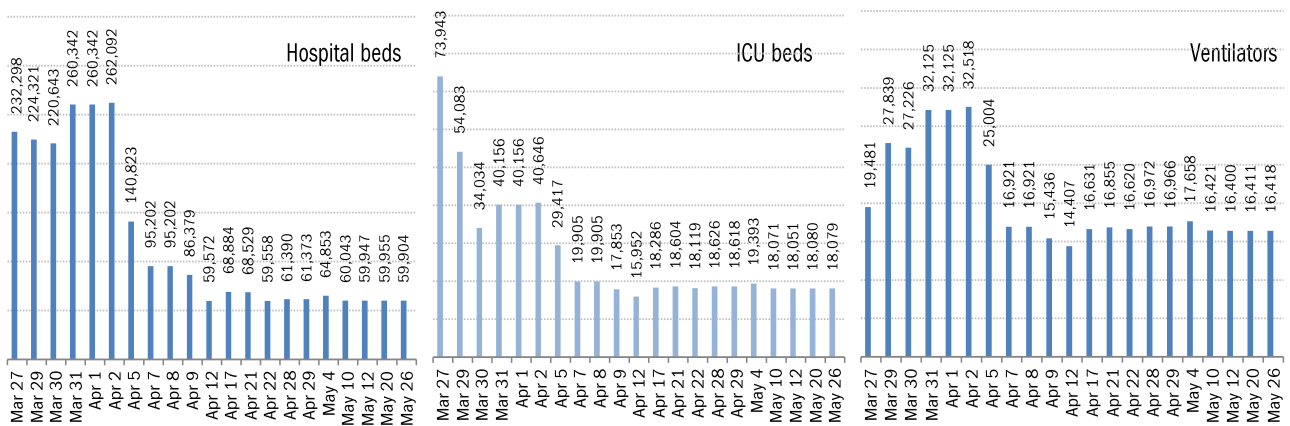
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

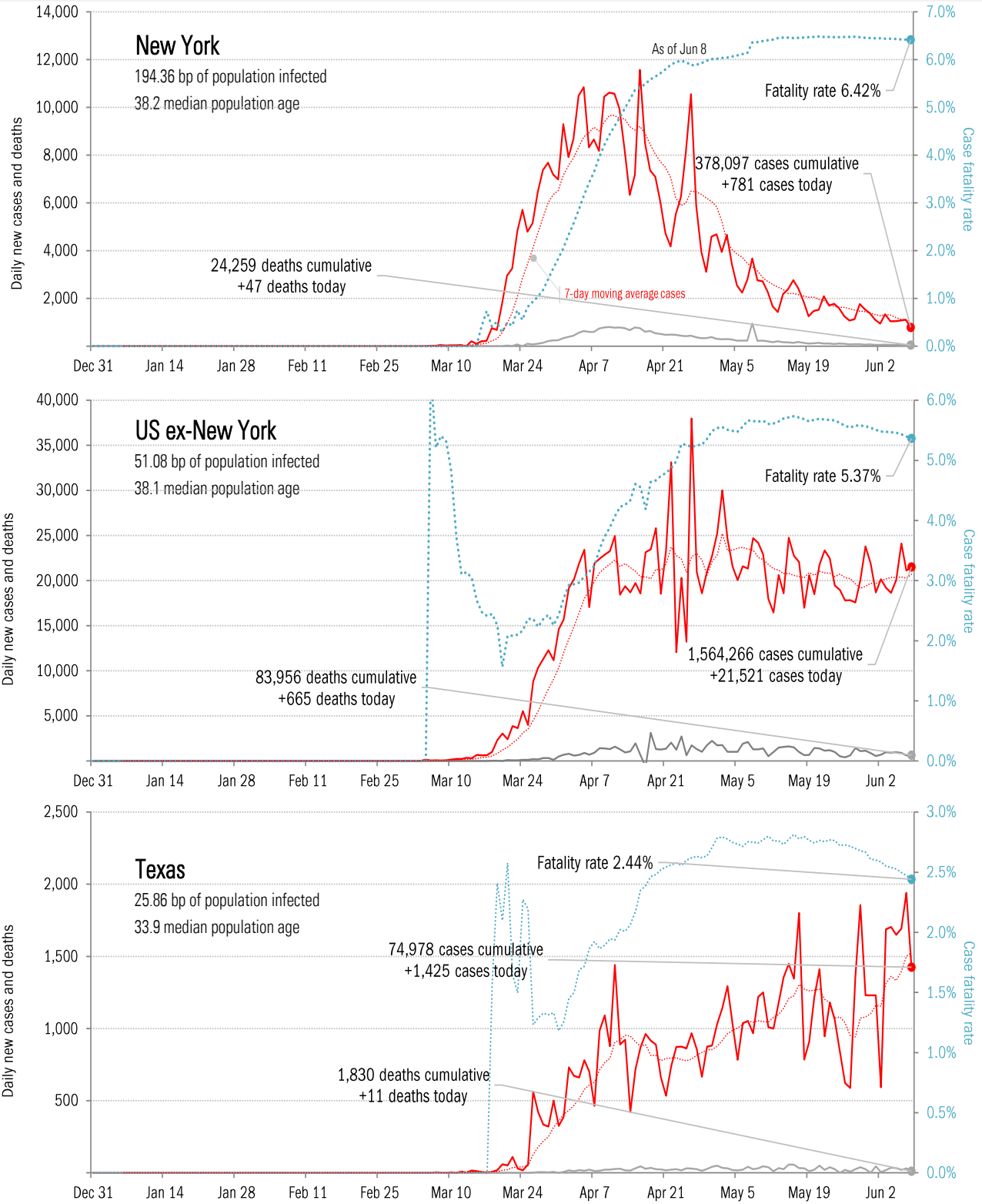


## Healthcare system stress, peak estimated at each model revision



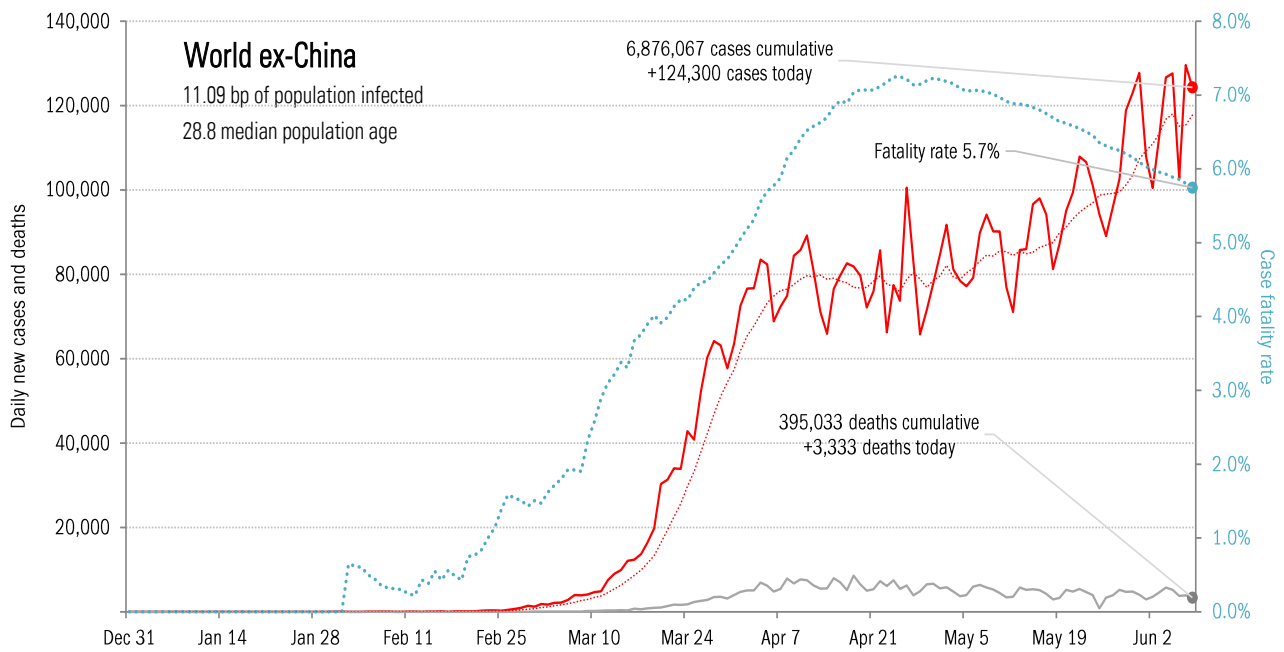
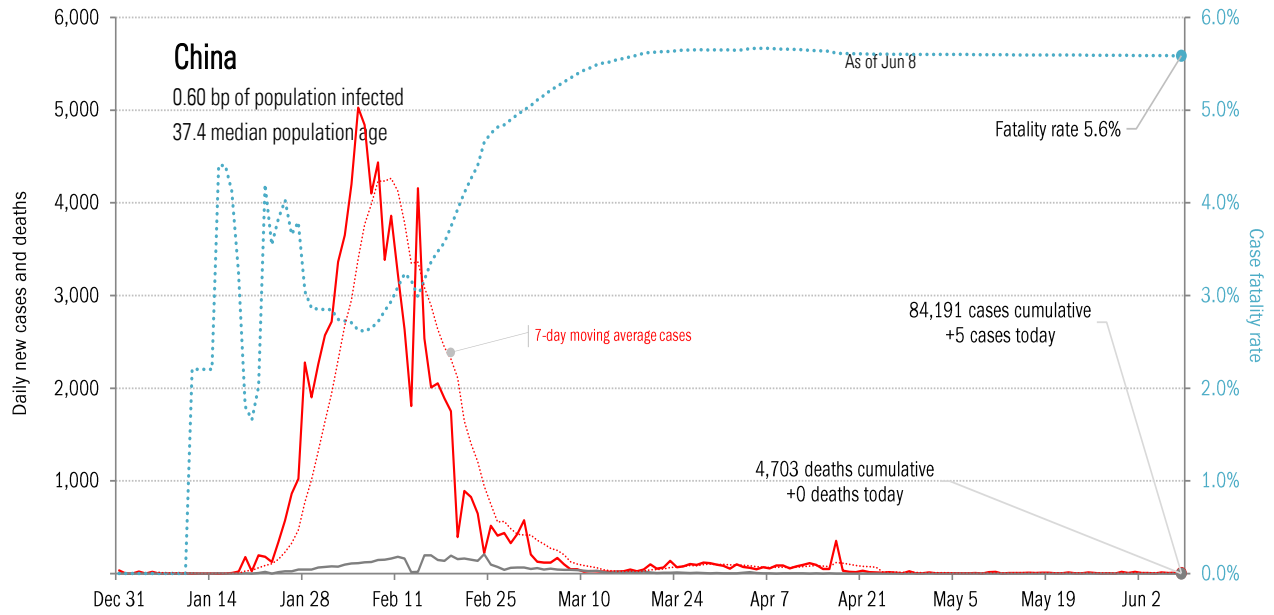
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



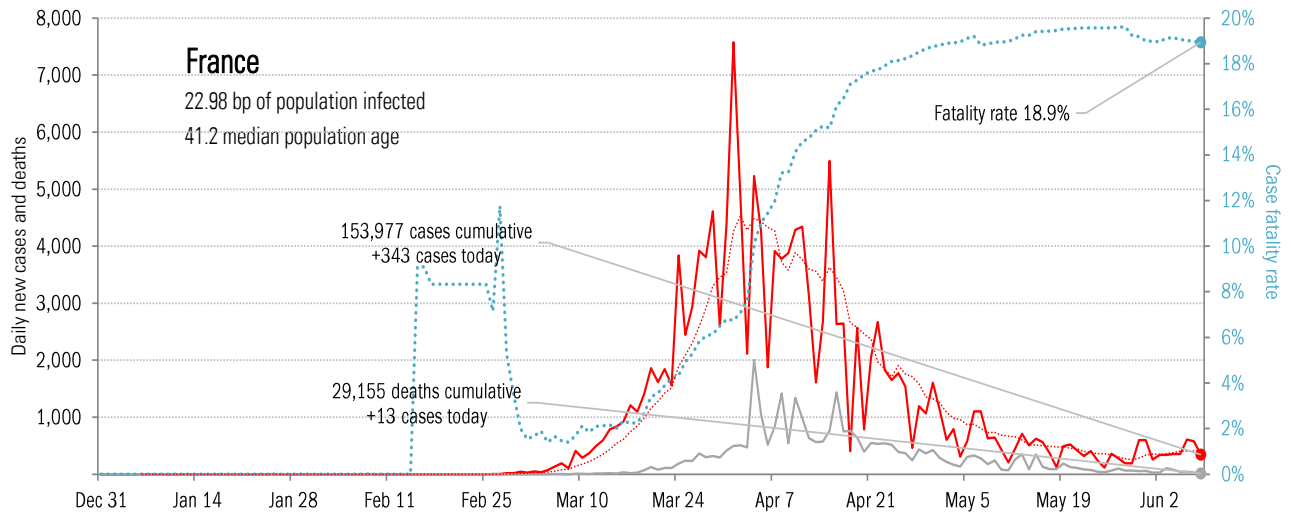
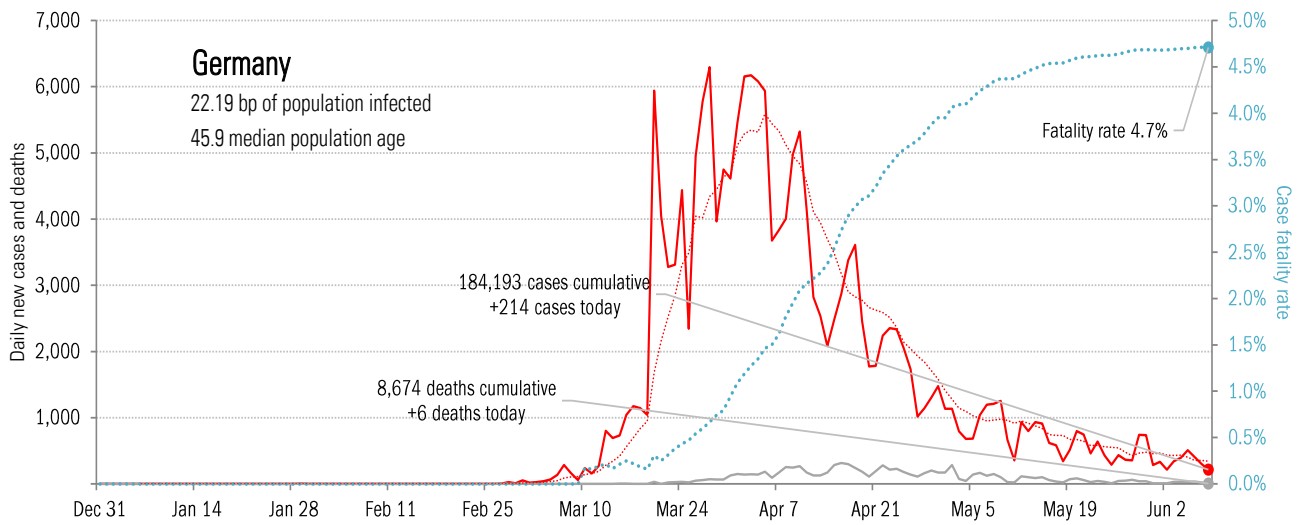
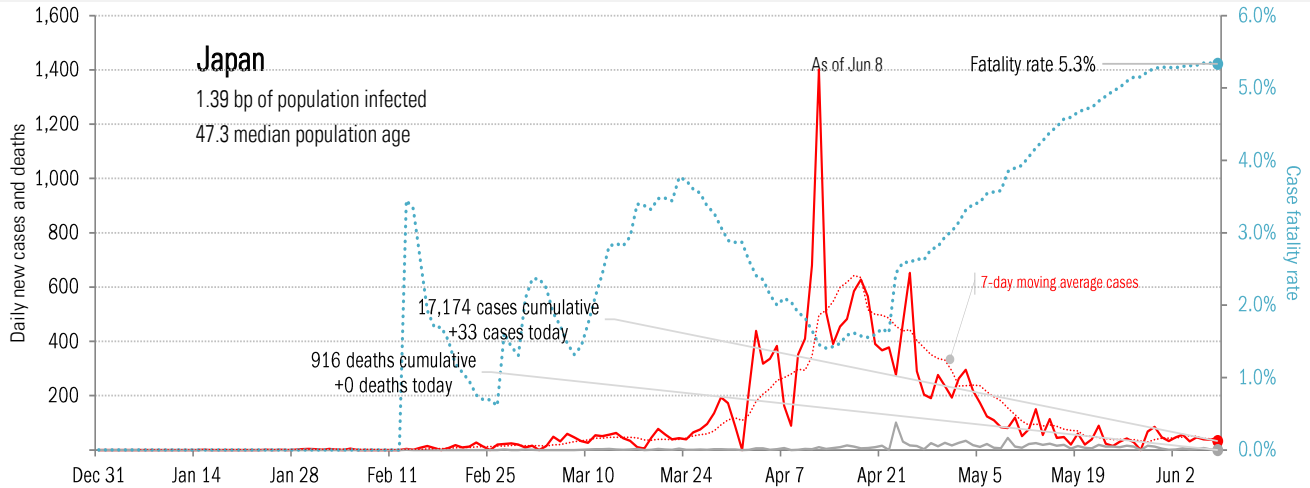
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



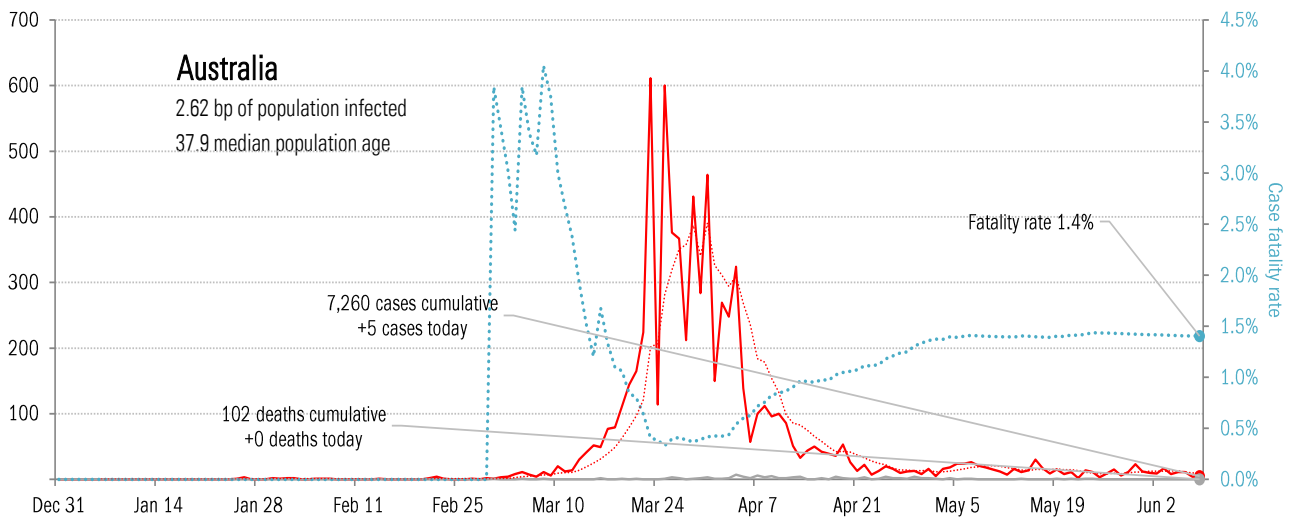
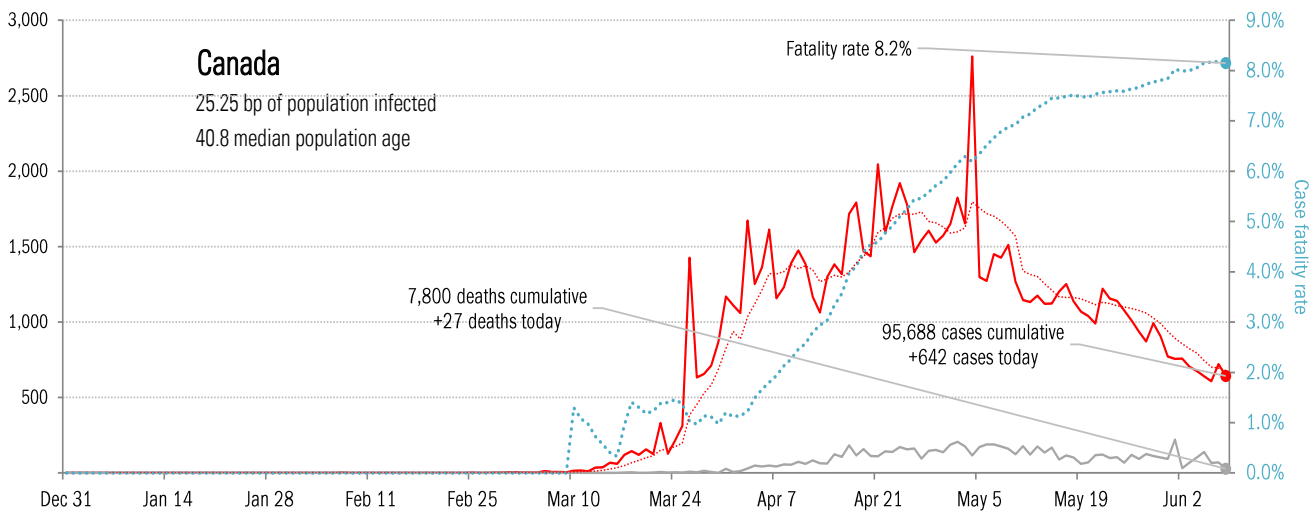
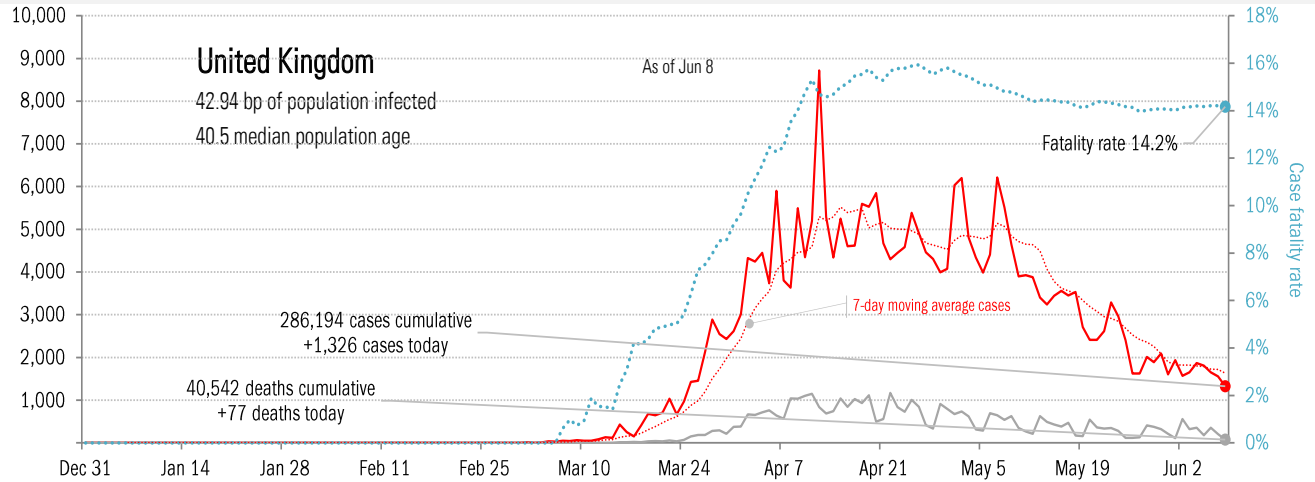
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



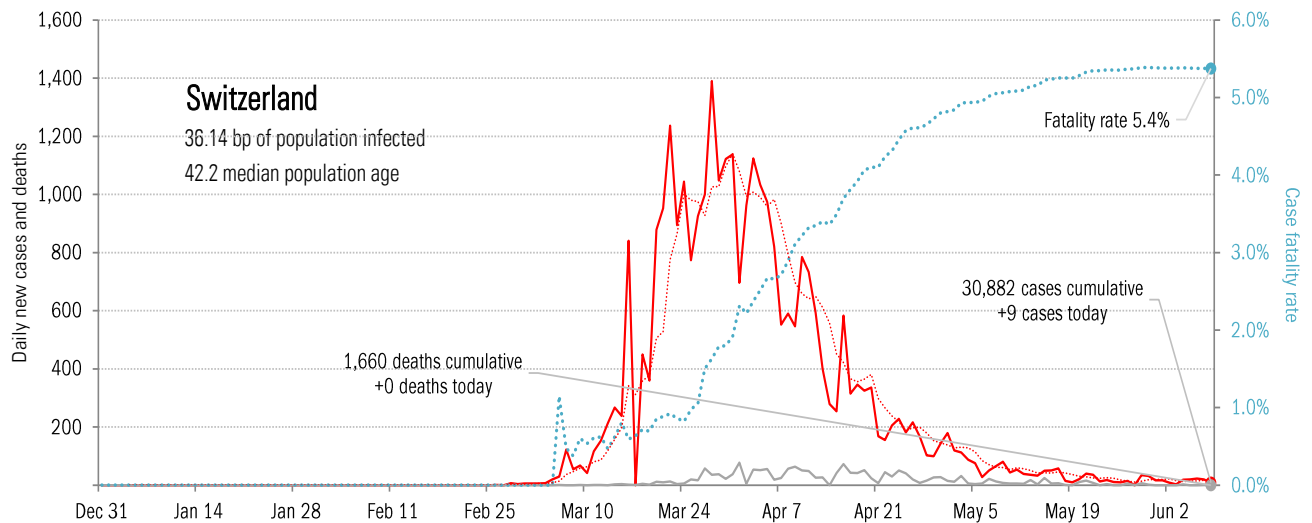
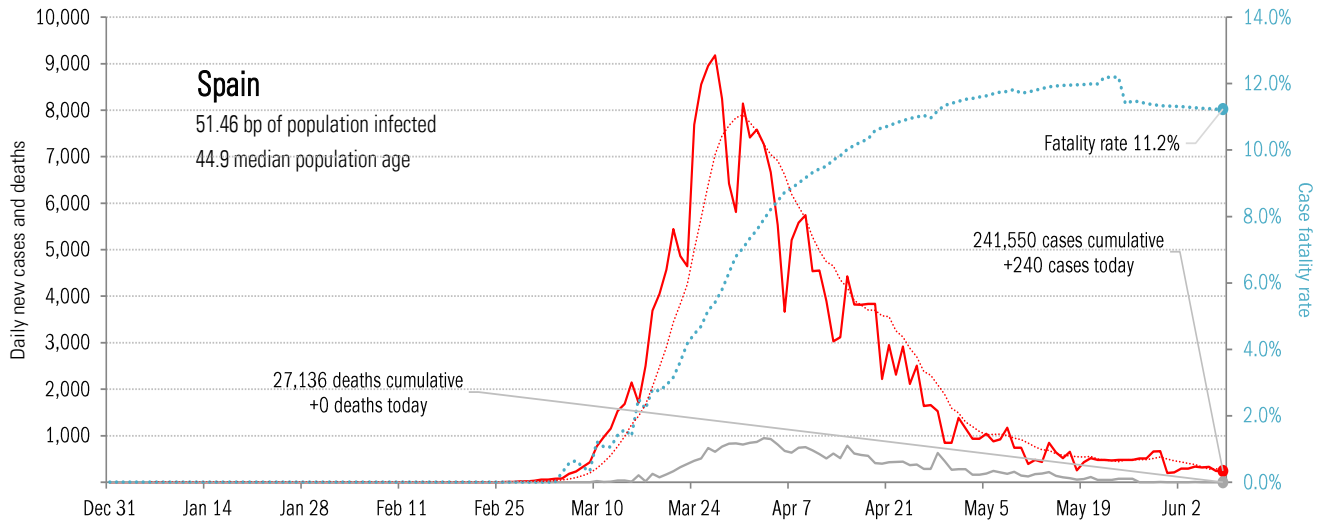
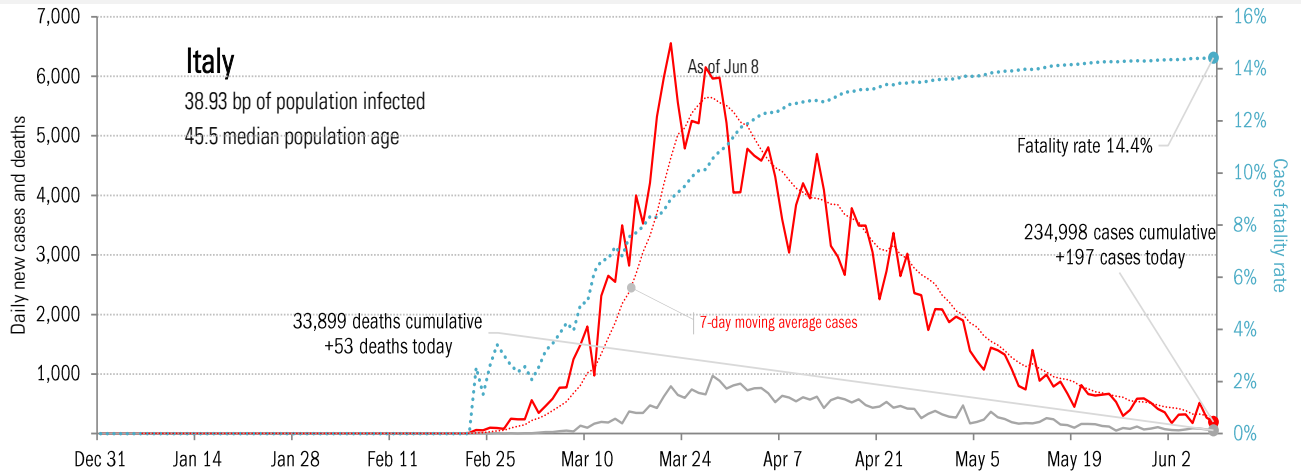
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



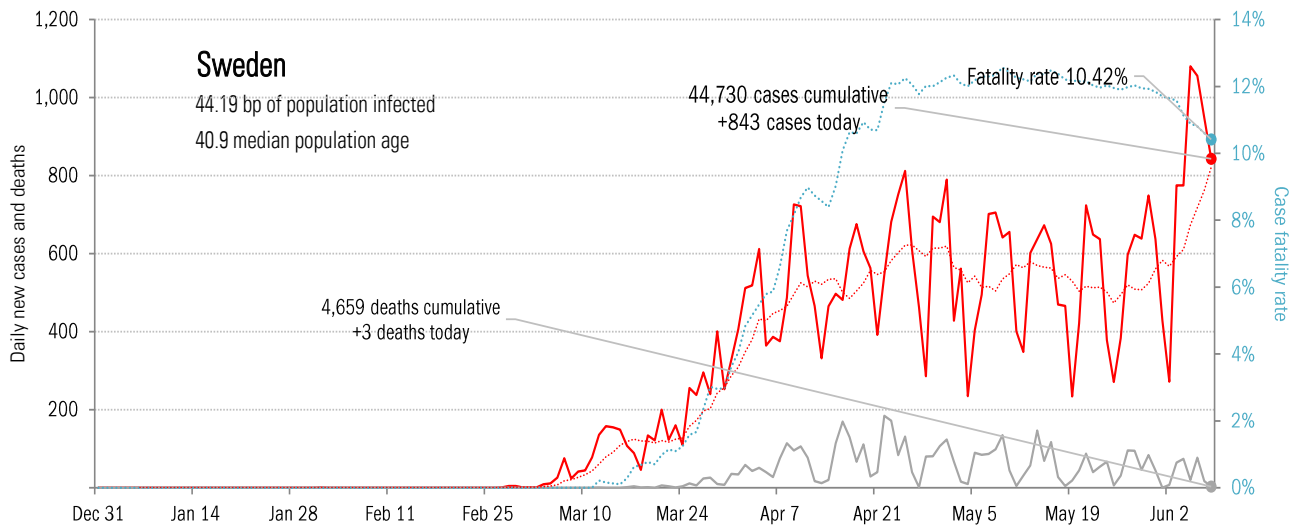
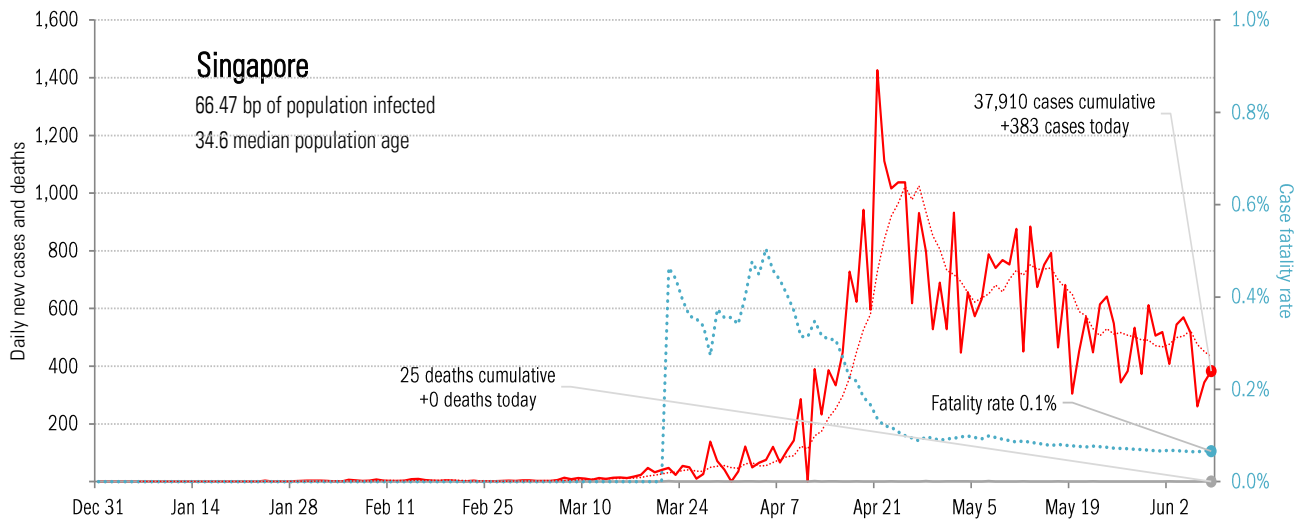
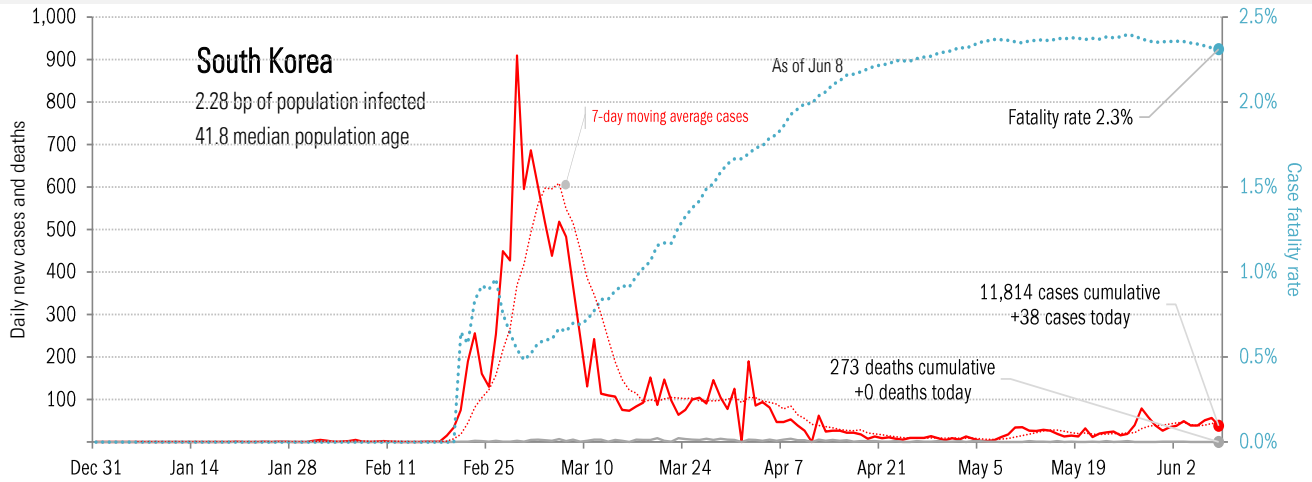
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



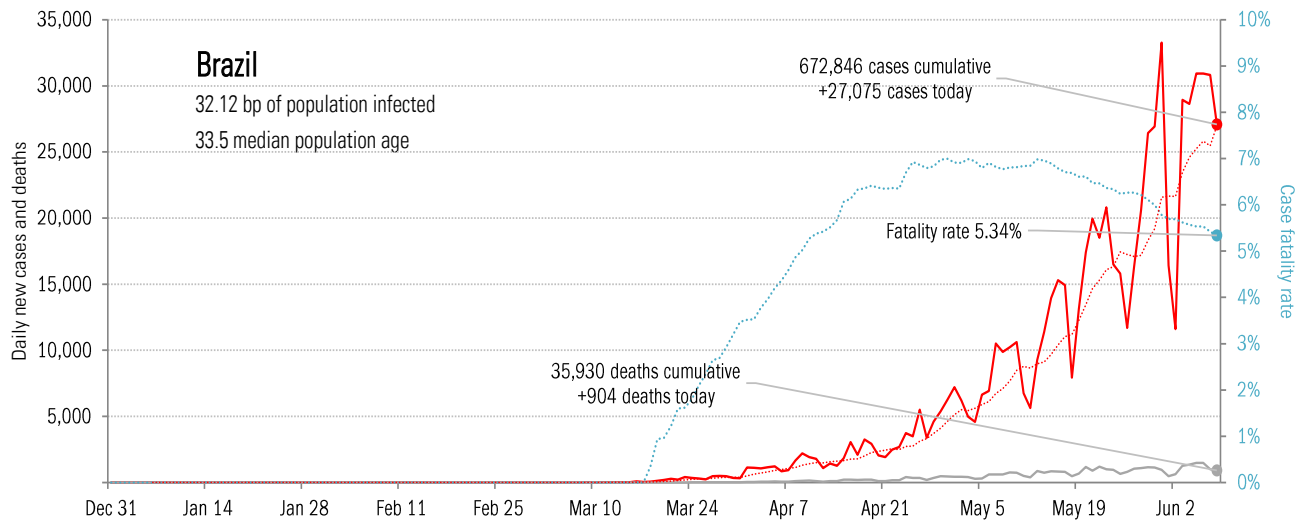
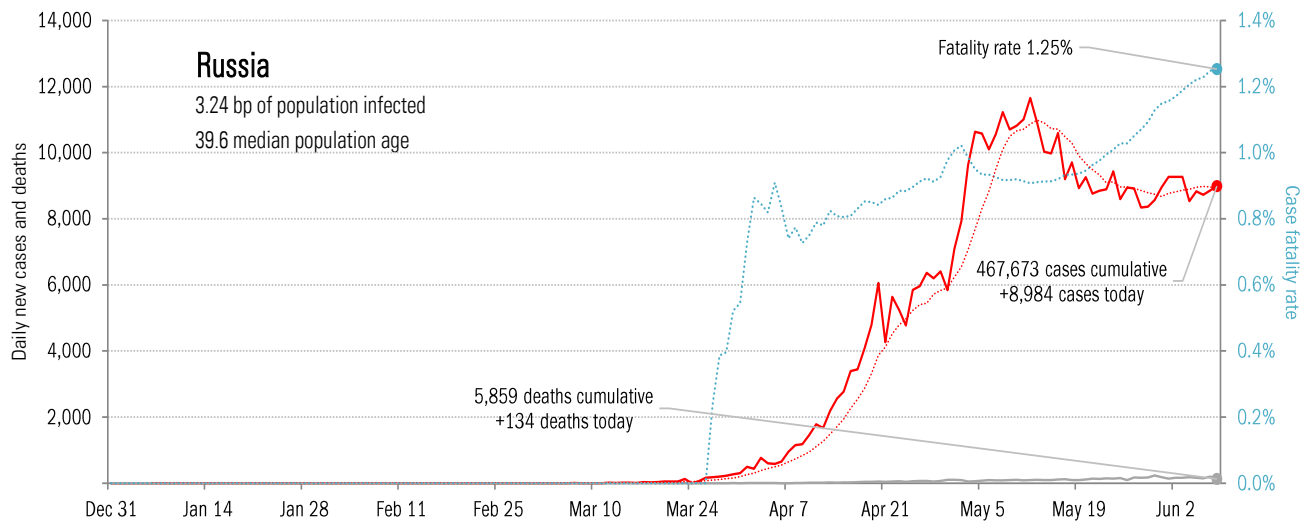
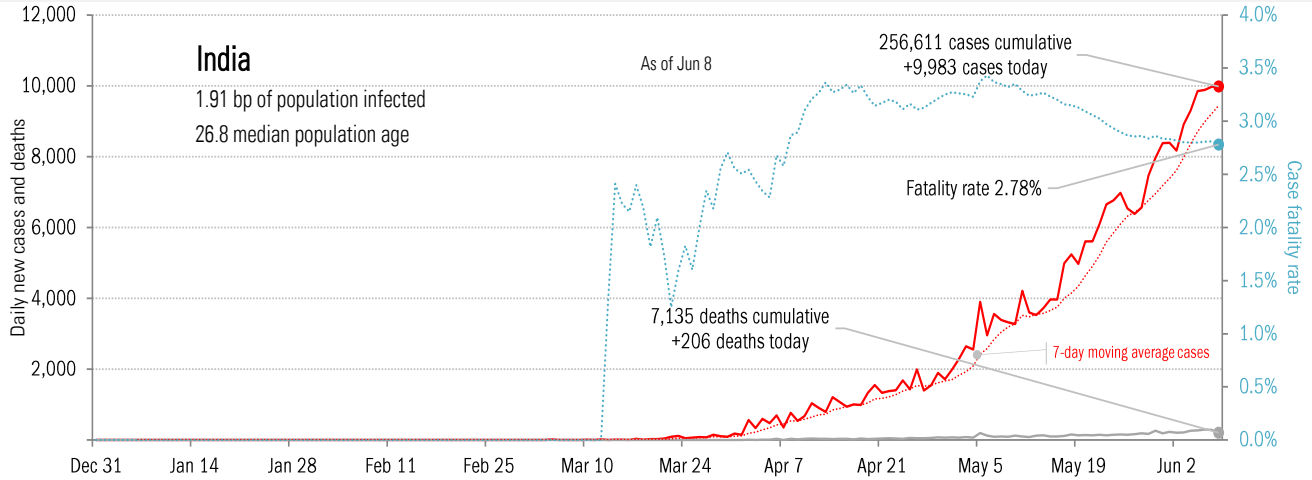
Source: [ECDC](#), TrendMacro calculations

# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

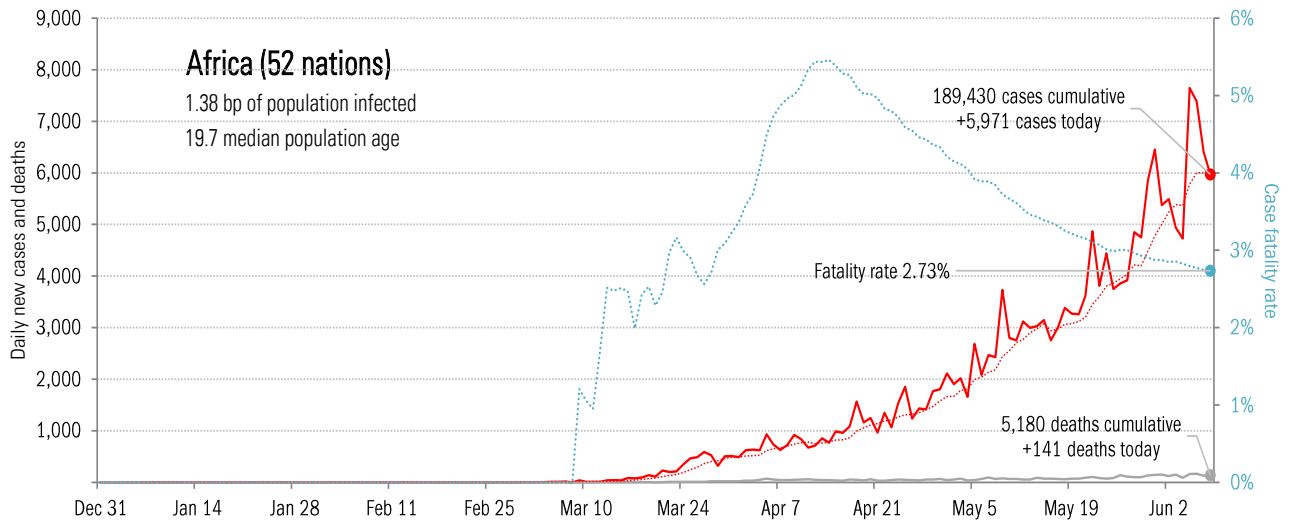
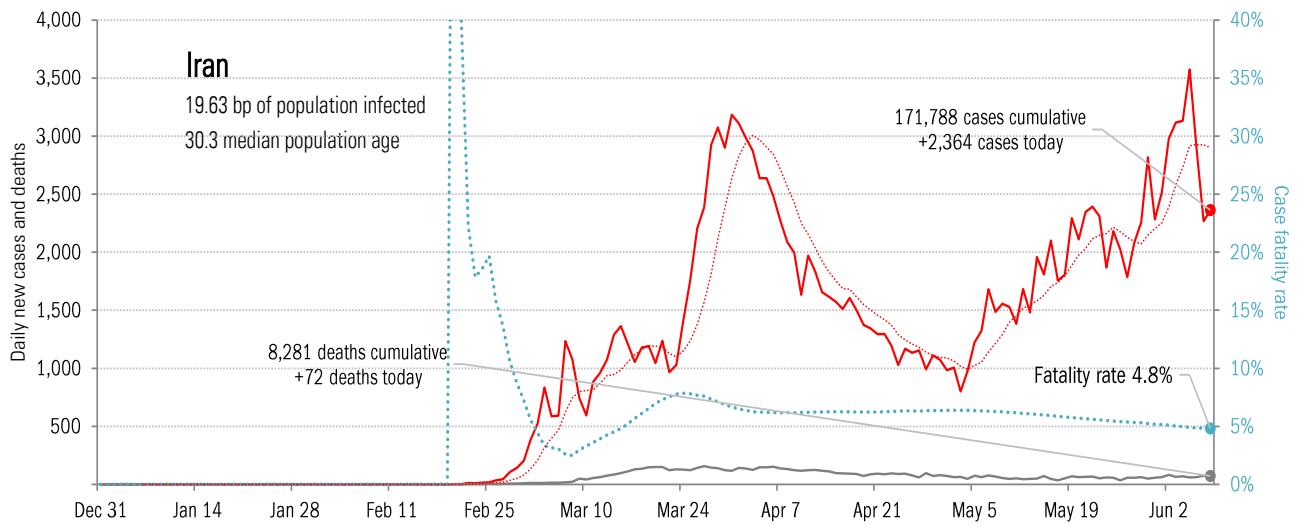
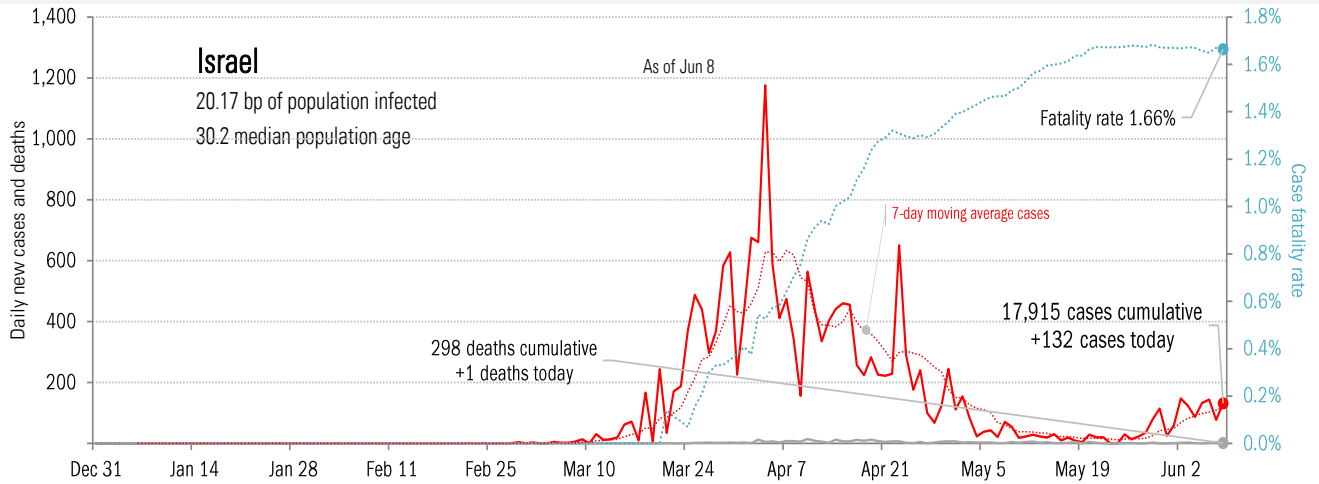
# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations



# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations