

## Data Insights: Covid-2019 Monitor

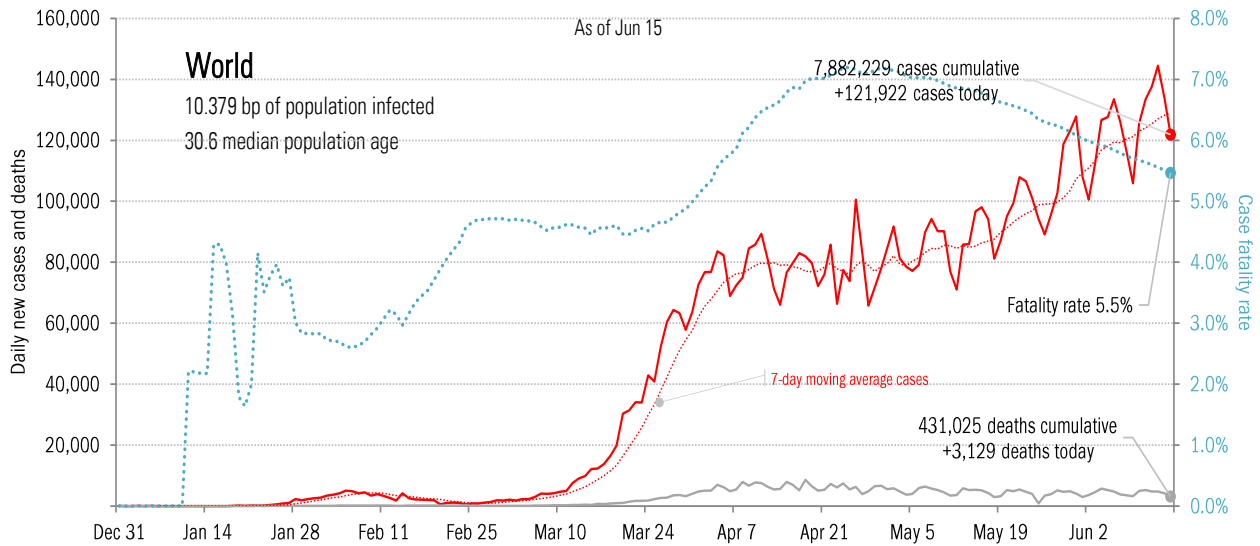
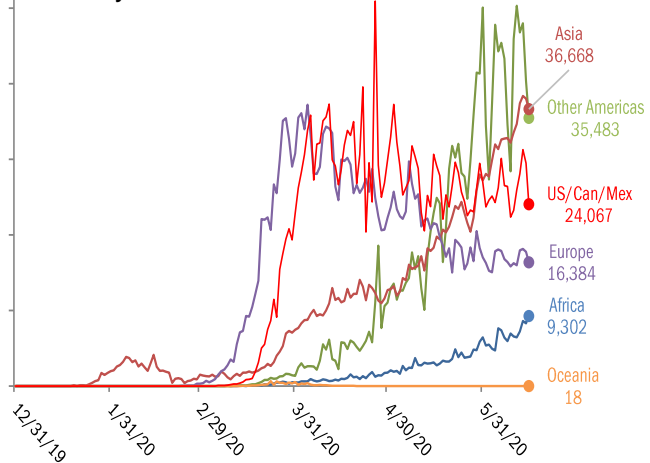
Monday, June 15, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+19,543	Brazil	+612
Brazil	+17,110	India	+325
India	+11,502	US	+296
Russia	+8,835	Mexico	+269
Chile	+6,938	Chile	+222
Pakistan	+5,248	Peru	+190
Peru	+4,604	Russia	+119
South_Africa	+4,302	Iran	+107
Saudi	+4,233	Pakistan	+97
Mexico	+4,147	Egypt	+91
<b>+86,462</b>		<b>+2,328</b>	
World	+121,922	World	+3,129
Top ten	71%	Top ten	74%

#### 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

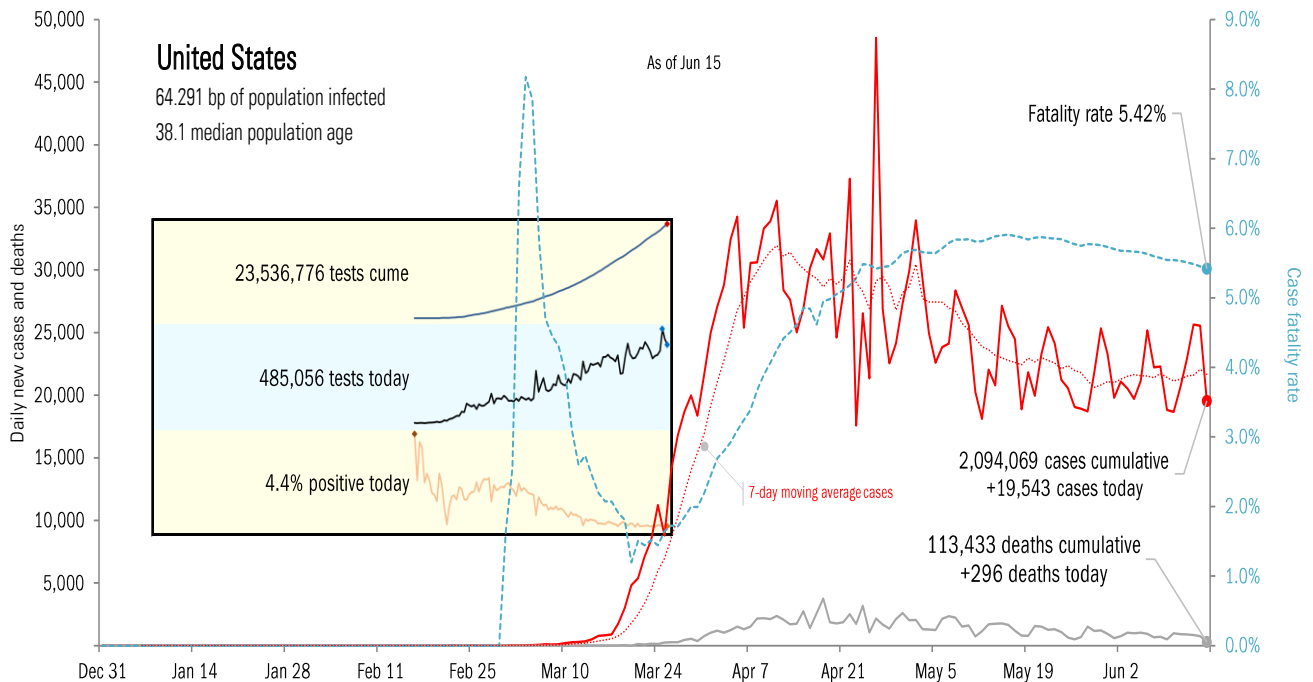
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
CA	+3,212	CA	+74	MD	+112	NY	383,324	NY	24,551	NY	89,995
FL	+2,016	MA	+48	IN	+70	NJ	166,881	NJ	12,625	NJ	18,737
TX	+1,843	NJ	+36	FL	+69	CA	148,855	MA	7,624	FL	12,224
NC	+1,443	NY	+24	VA	+46	IL	133,404	IL	6,489	MA	10,802
AZ	+1,233	IL	+19	AZ	+34	MA	105,603	PA	6,215	MD	10,165
AL	+1,014	TX	+19	CH	+31	TX	87,854	MI	6,016	CT	9,912
AR	+954	CT	+15	MA	+30	PA	78,798	CA	5,063	GA	9,248
TN	+891	MN	+15	NJ	+30	FL	75,568	CT	4,201	VA	8,136
GA	+880	MD	+13	MN	+29	MI	66,054	FL	3,022	CH	6,895
SC	+840	LA	+10	WA	+28	MD	61,701	LA	3,014	IN	6,419
<b>+14,326</b>		<b>+273</b>		<b>+479</b>		<b>1,308,042</b>		<b>78,820</b>		<b>182,533</b>	
All states	+21,486	All states	+358	All states	+641	All states	2,085,028	All states	109,607	All states	225,061
Top ten	67%	Top ten	76%	Top ten	75%	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	
LA	-952	NJ	-64	CO	-167	TX	+1,806
FL	-565	PA	-45	FL	-100	AR	+503
KY	-500	FL	-43	NJ	-70	MN	+470
TX	-488	CH	-43	AZ	-36	WI	+327
CA	-448	AZ	-36	NE	-35	IN	+281



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

## Recommended reading

### [What the Pandemic Reveals About the Male Ego](#)

Nicholas Kristof  
*New York Times*  
June 14, 2020

### [Kudlow Says Economy Recovering, Focus Turns Away From Rescue](#)

Yueqi Yang and Ros Krasny  
*Bloomberg*  
June 14, 2020

### [Slowing the Coronavirus Is Speeding the Spread of Other Diseases](#)

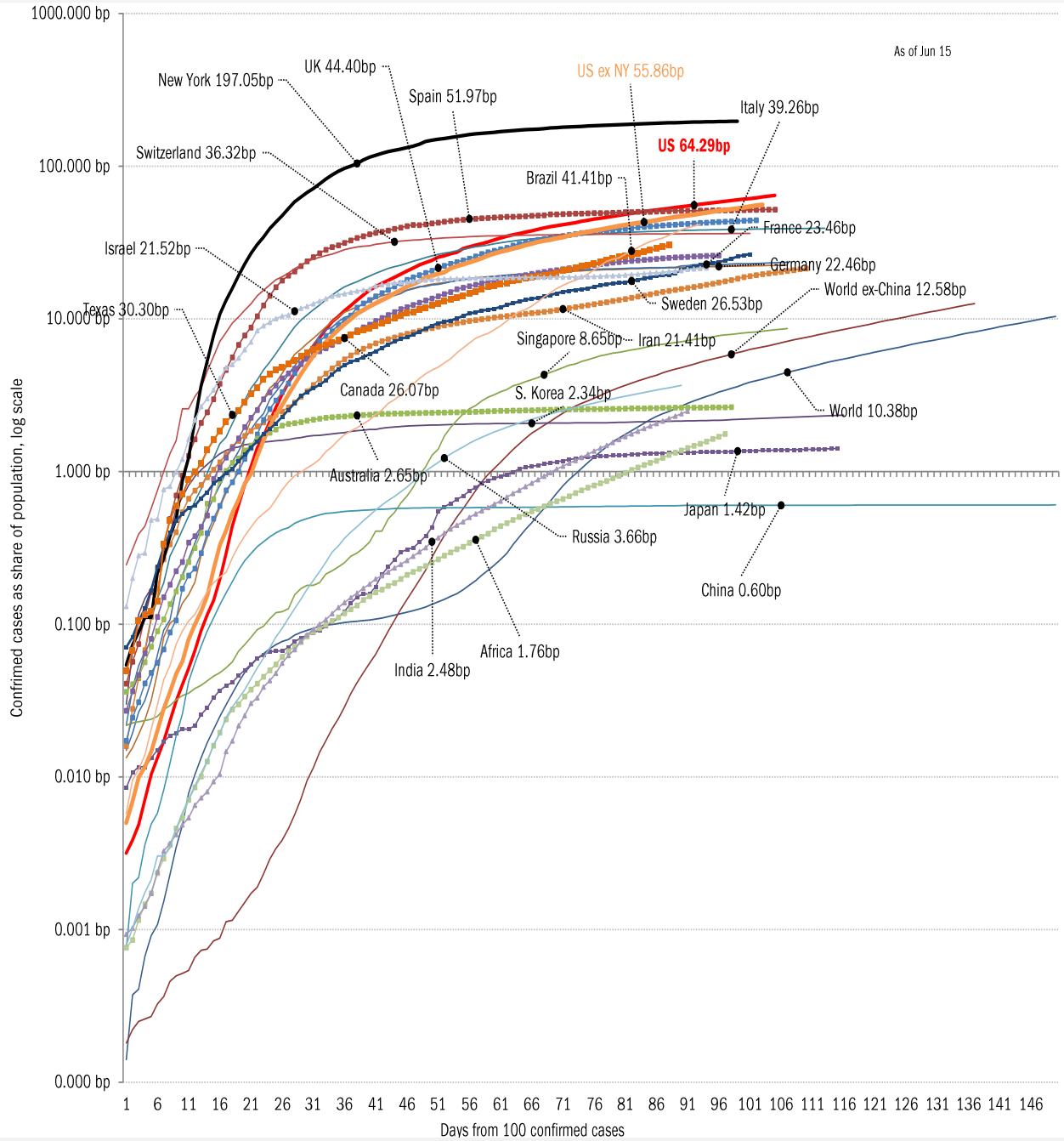
Jan Hoffman and Ruth Maclean  
*New York Times*  
June 14, 2020

## Meme of the day



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

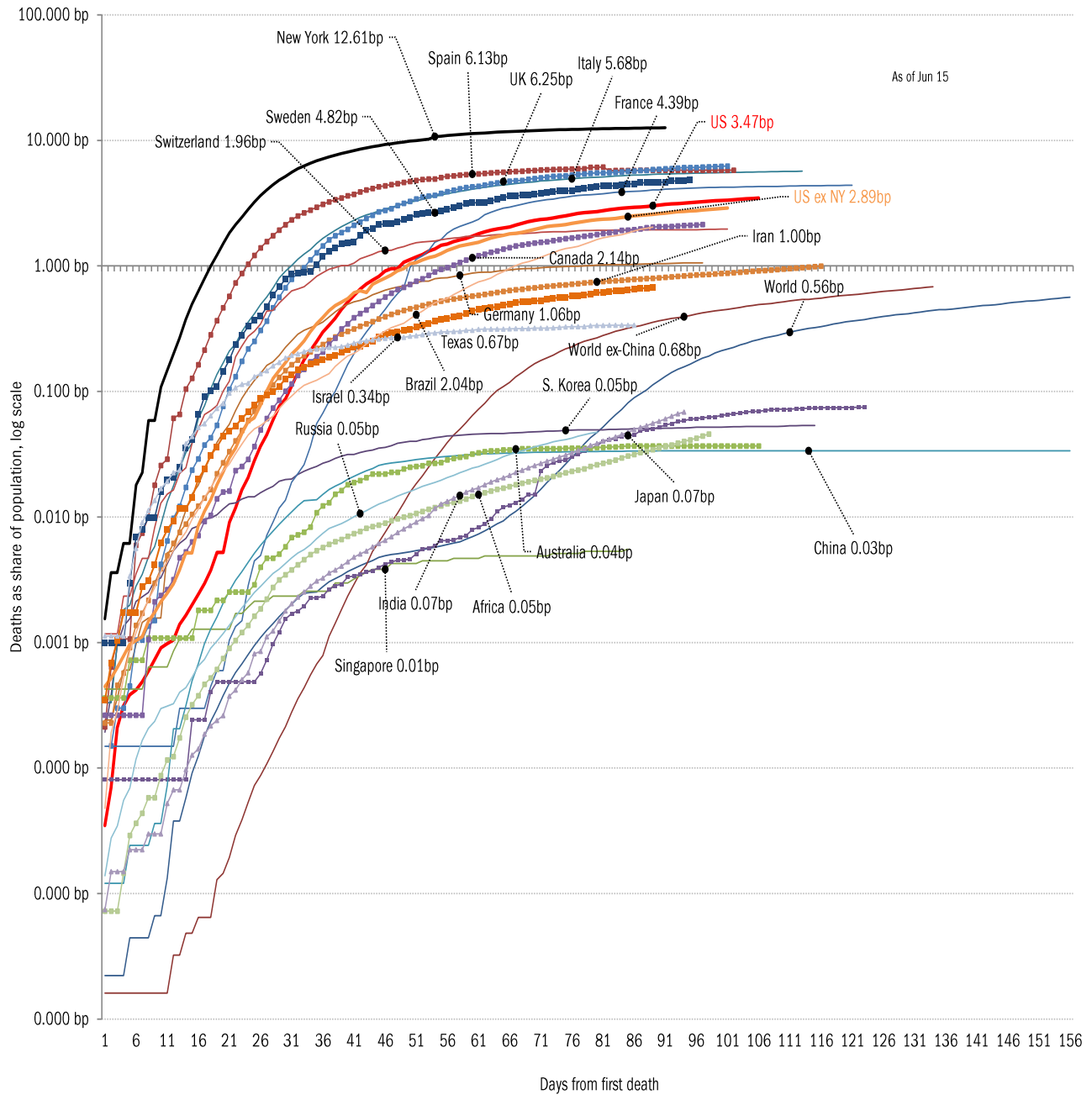
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

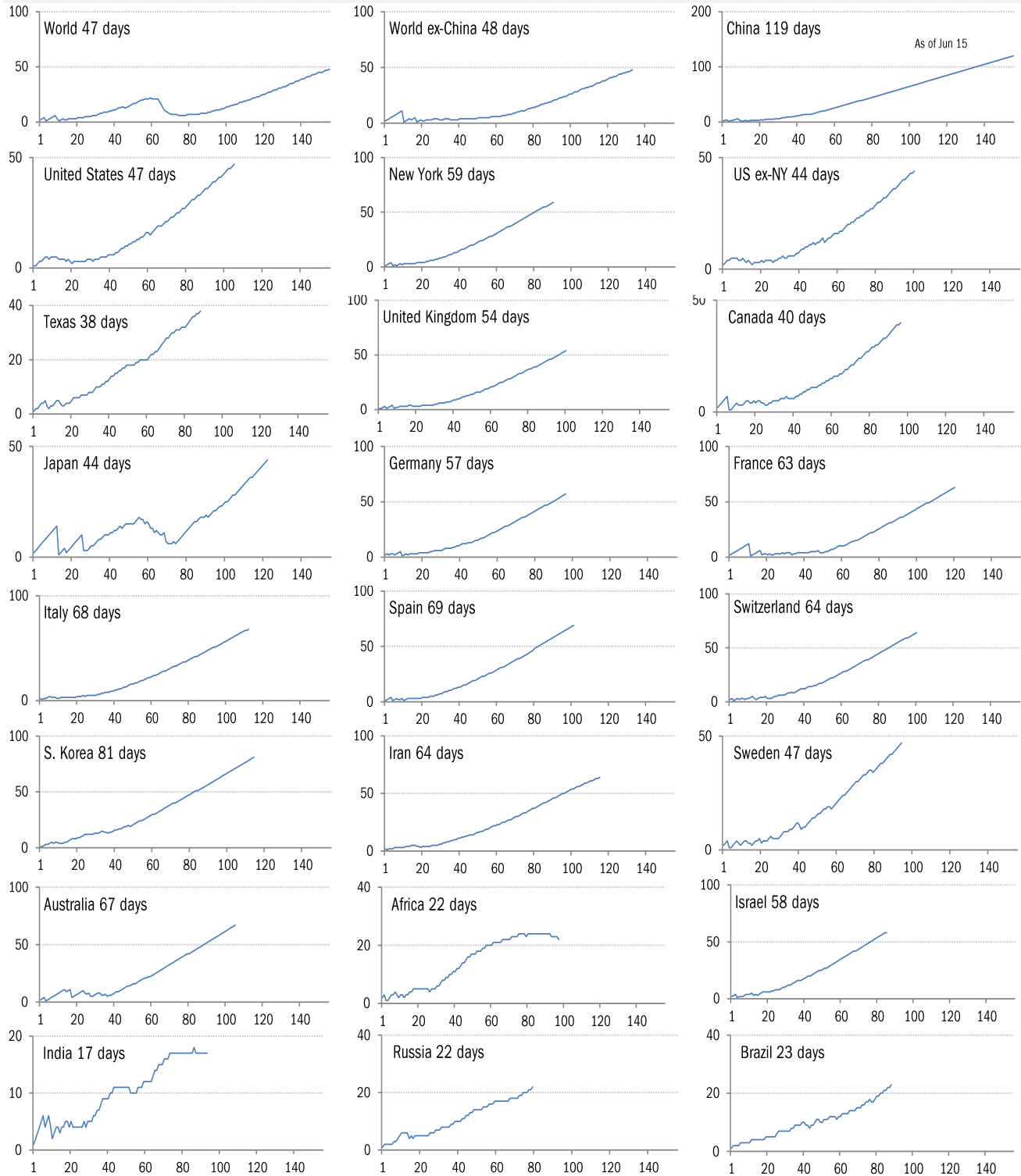
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

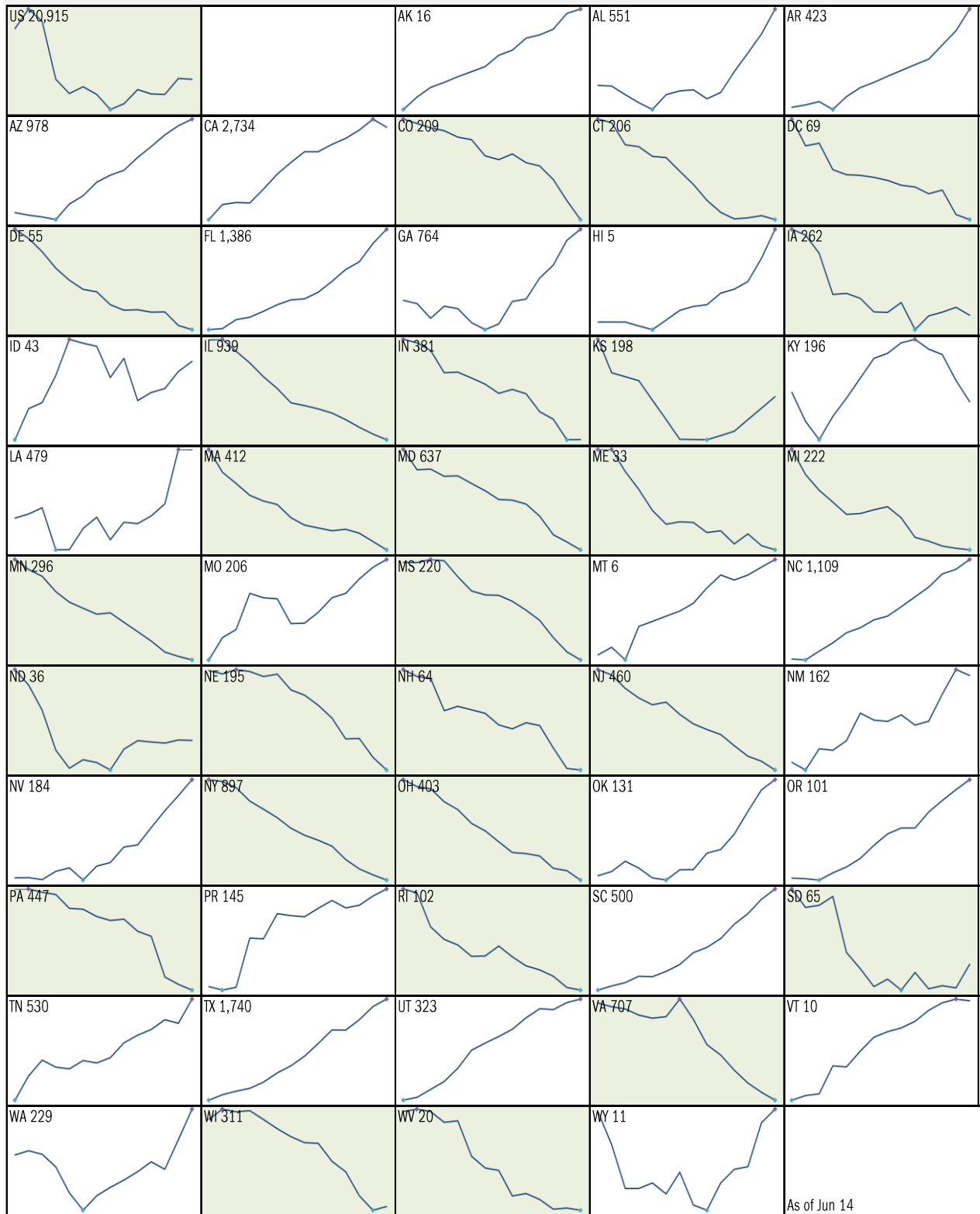
# Our most reliable evidence of slowing exponential growth of Covid-2019

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



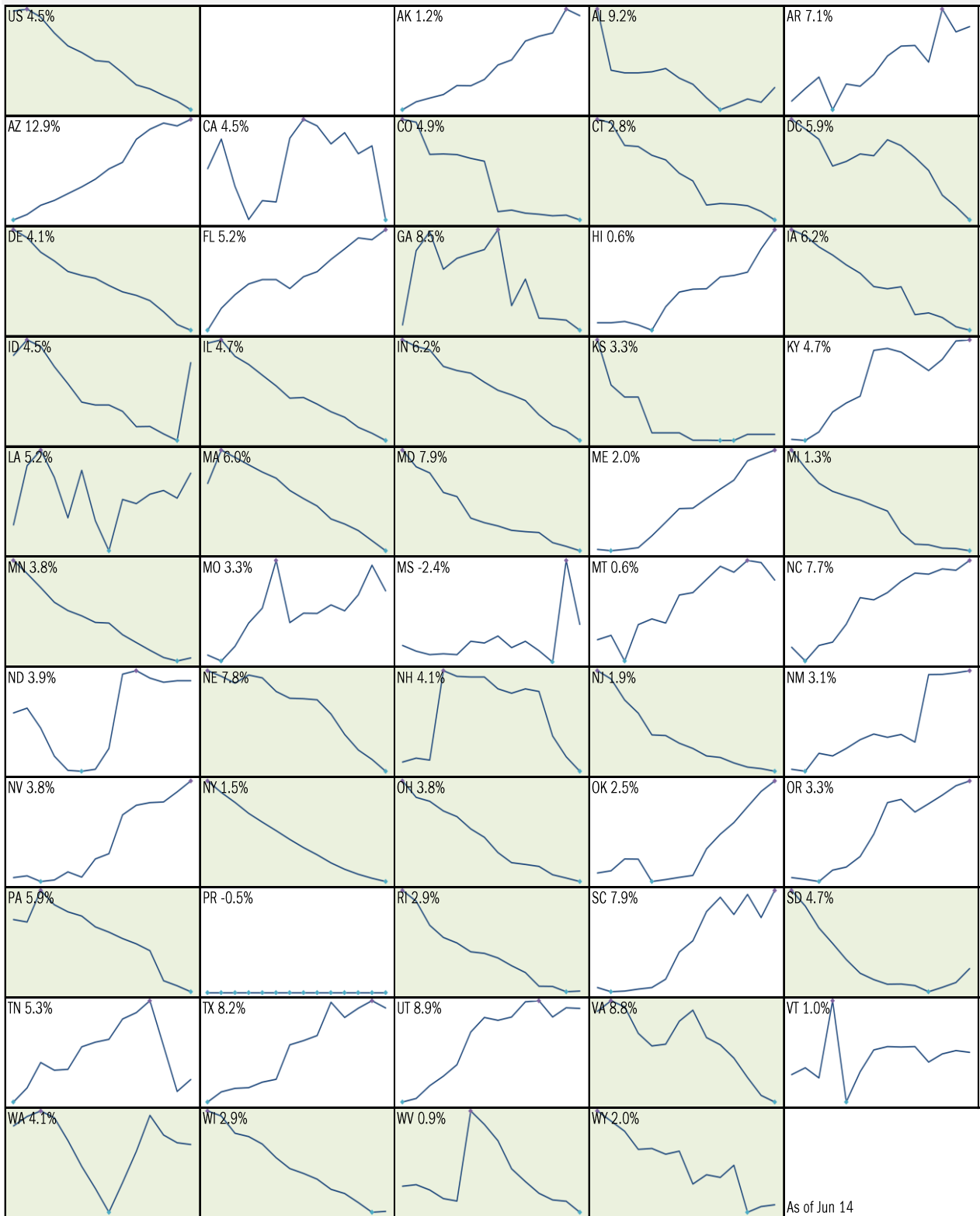
Source: [ECDC](#), TrendMacro calculations

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

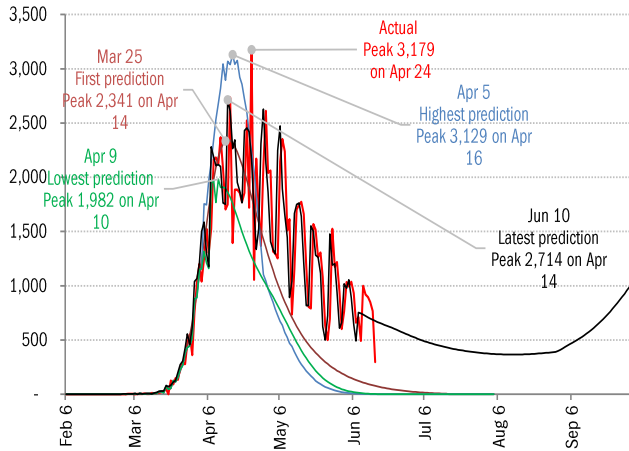


# Reality-checking the models: actuals versus [IHME predictions](#)

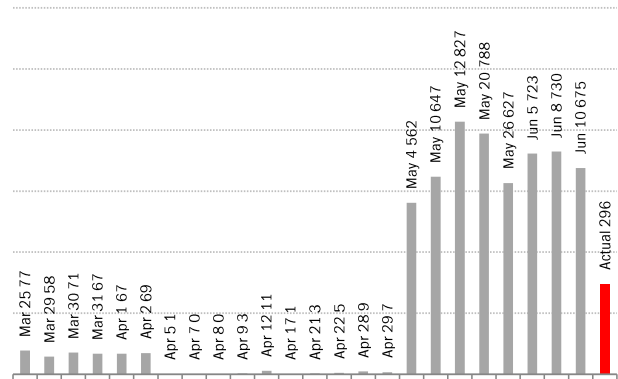
## New daily fatalities

As of Jun 15

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

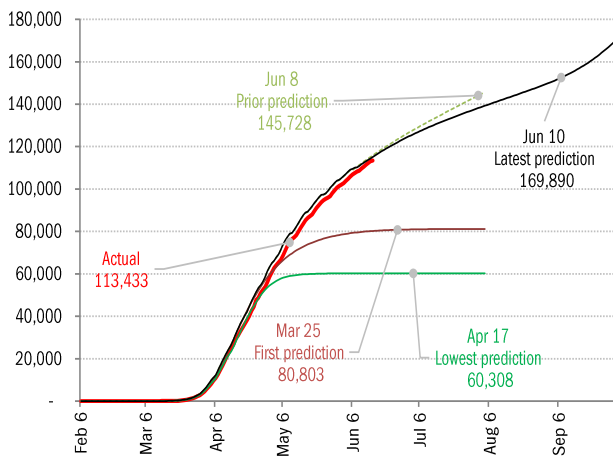


For this day, versus all model mean predictions

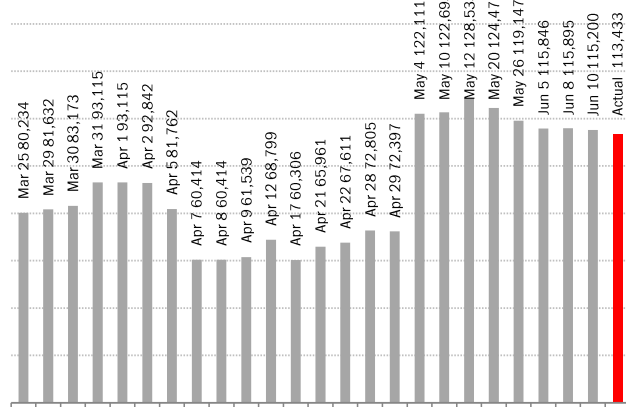


## Cumulative fatalities

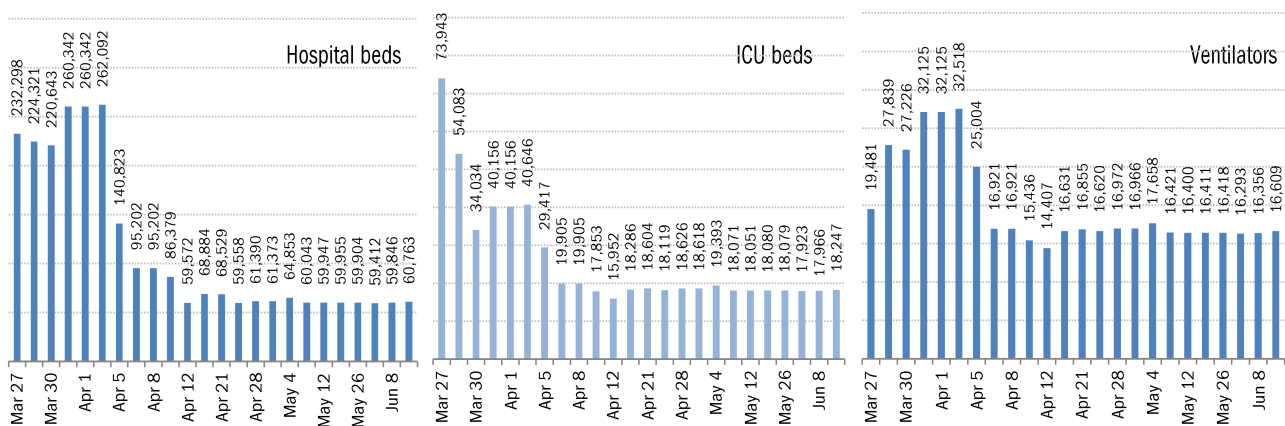
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

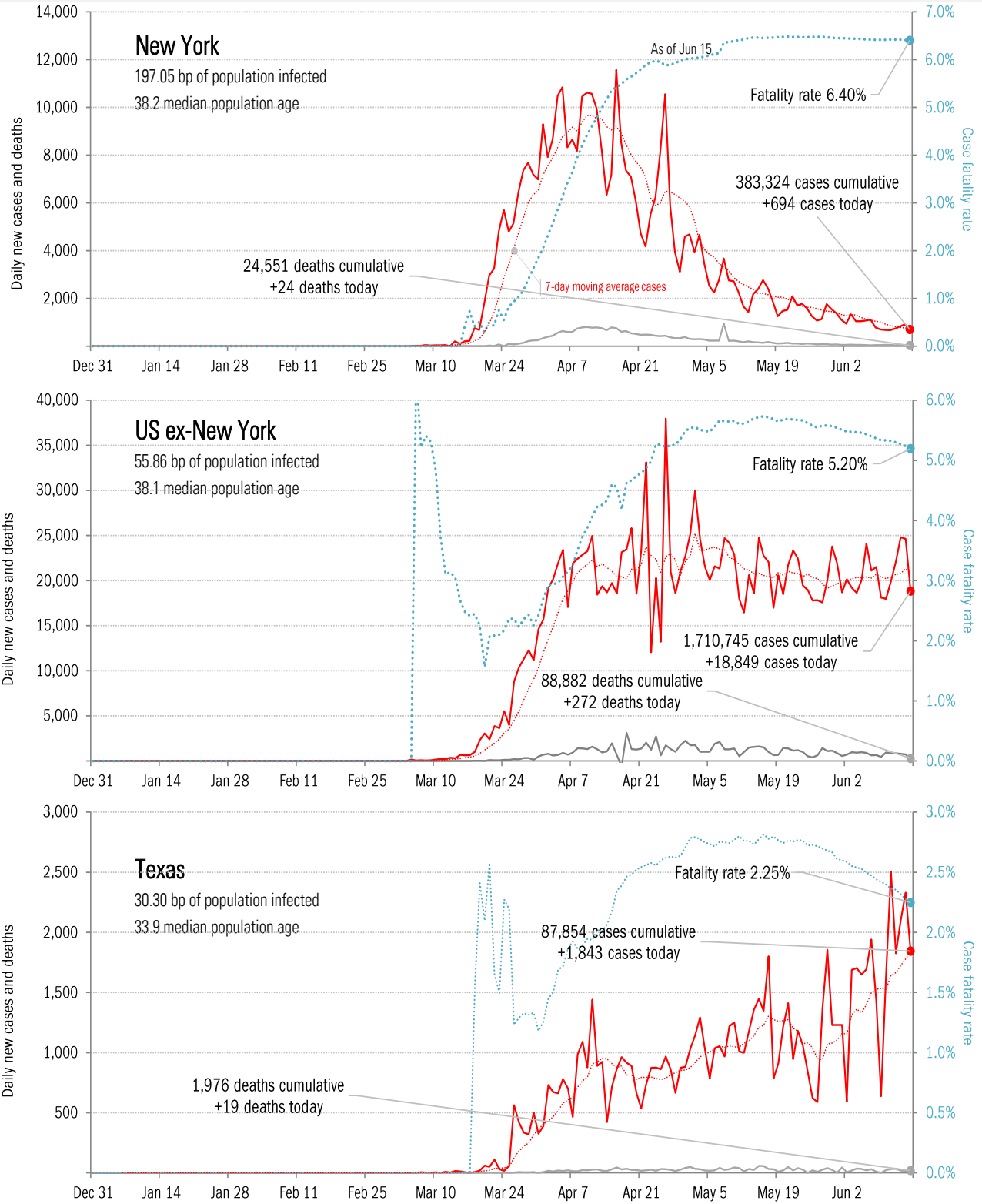


## Healthcare system stress, peak estimated at each model revision



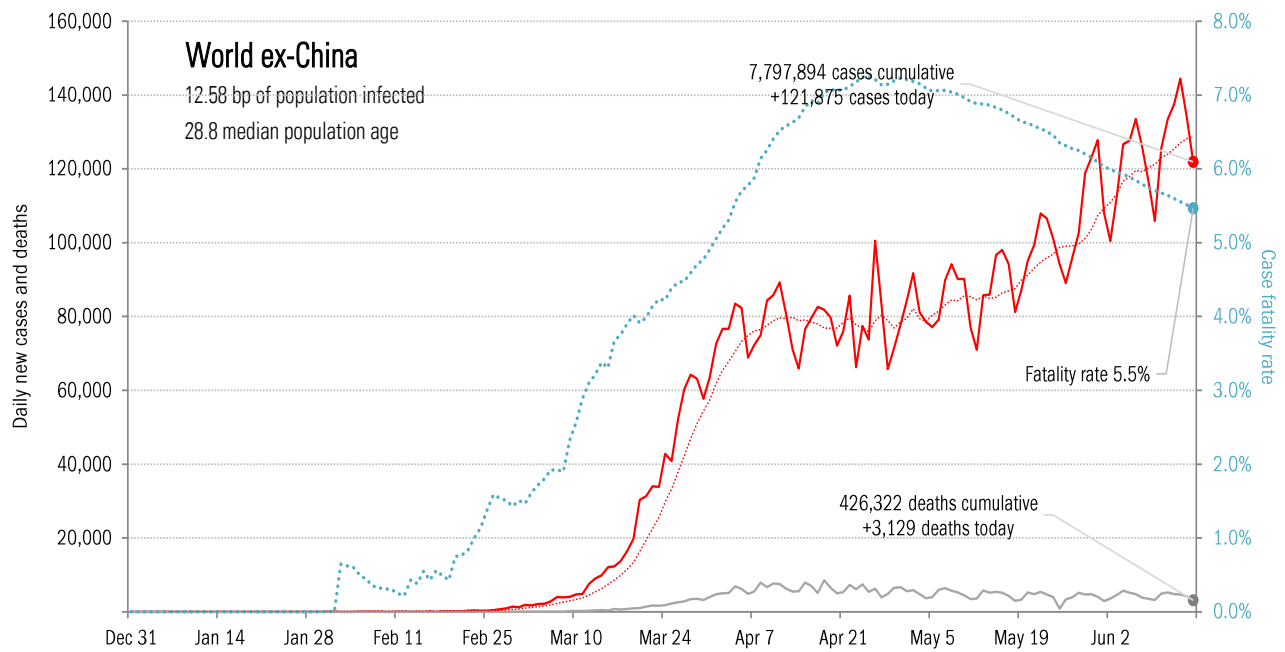
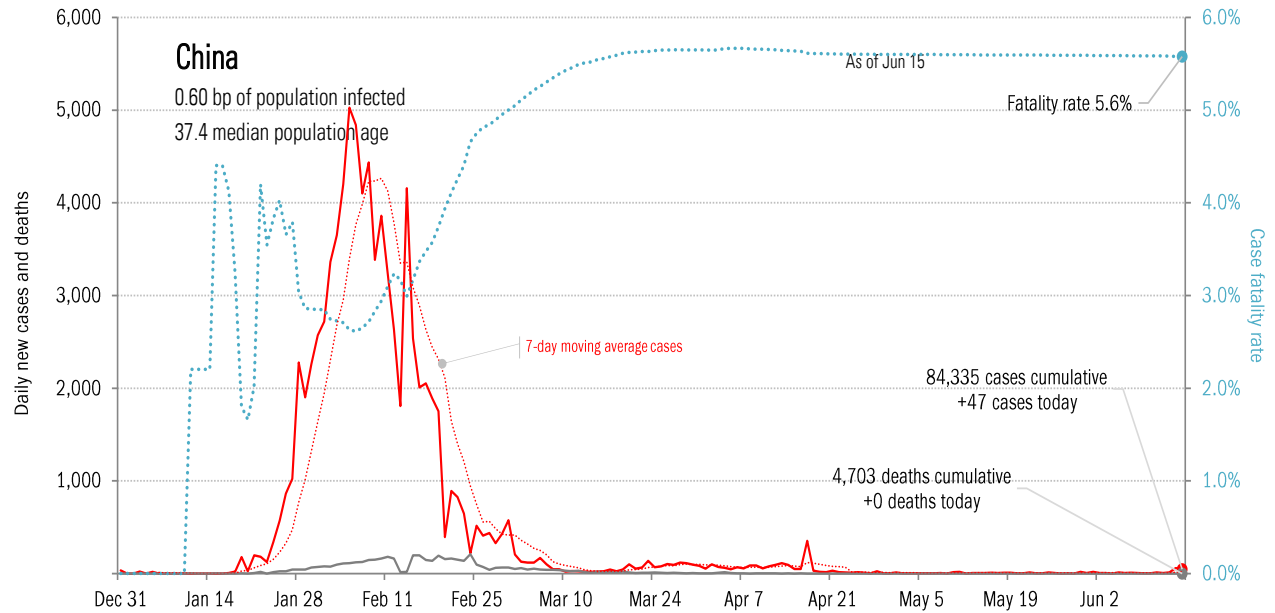
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



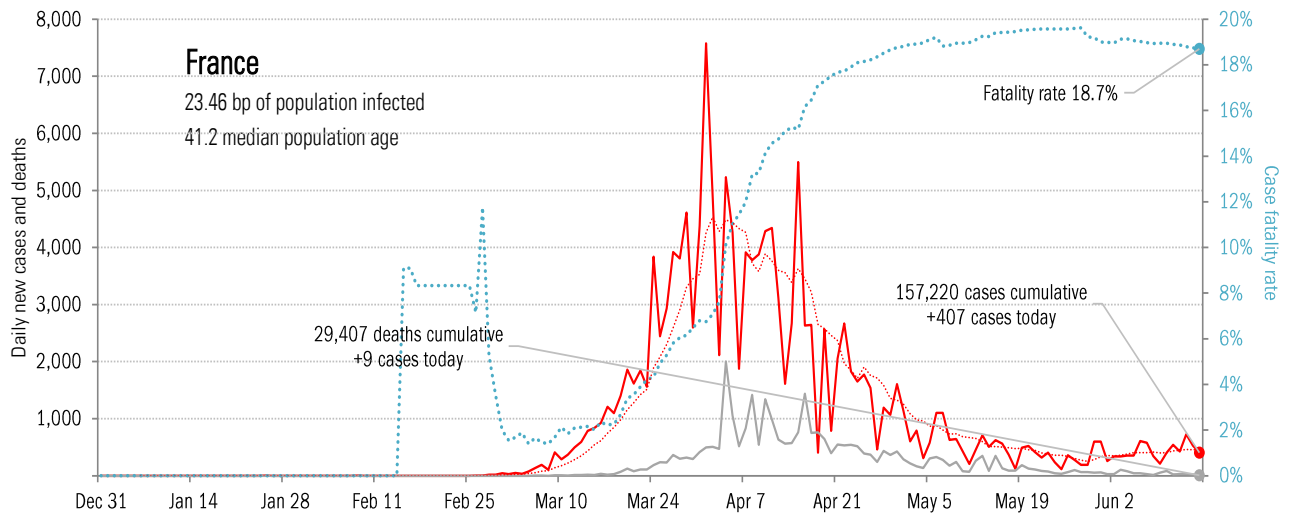
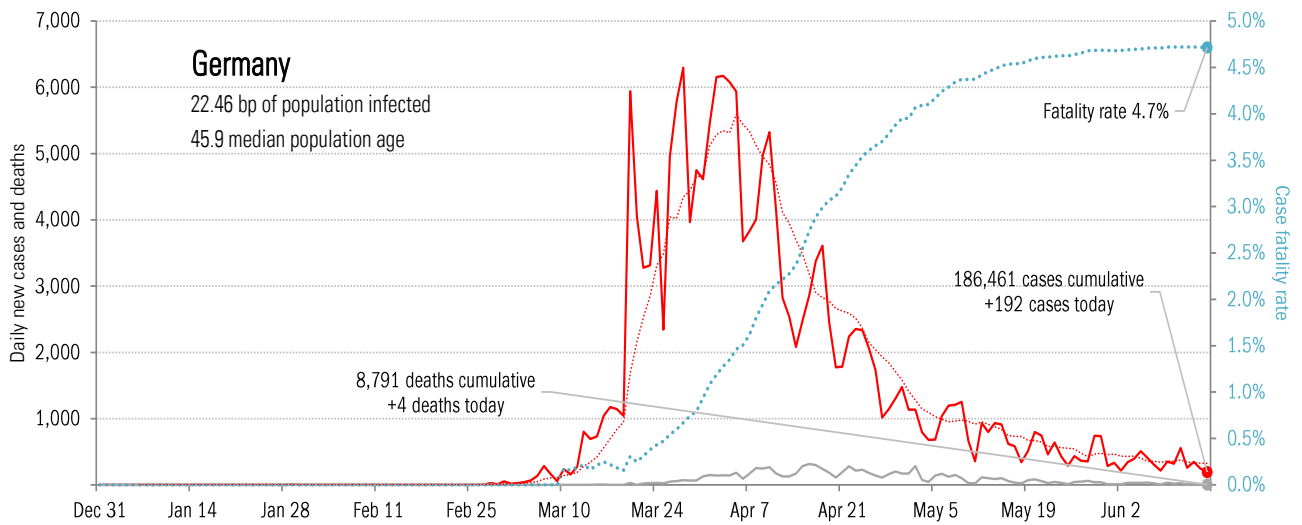
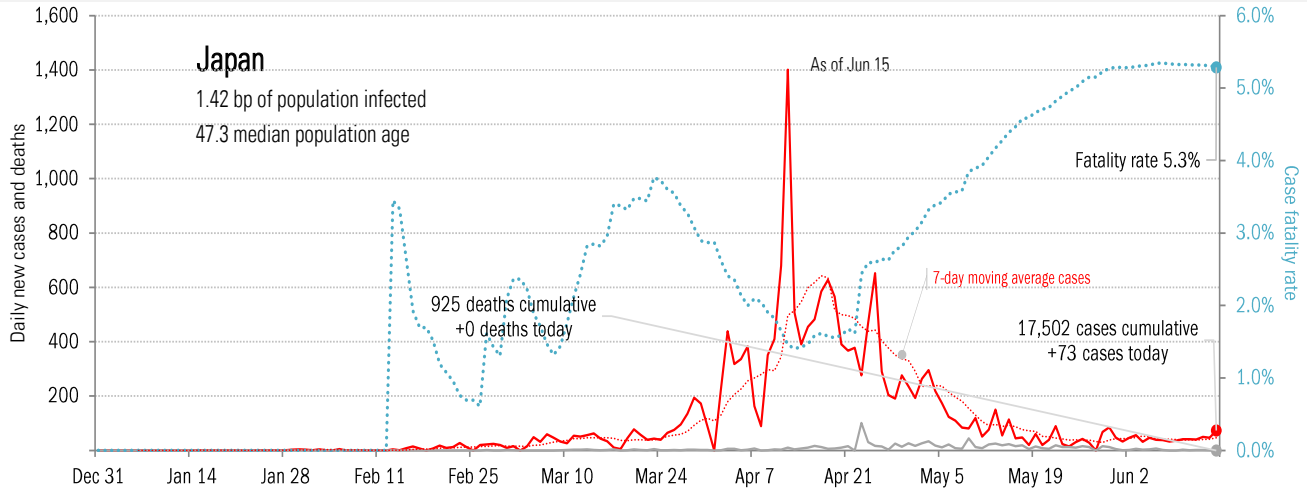
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



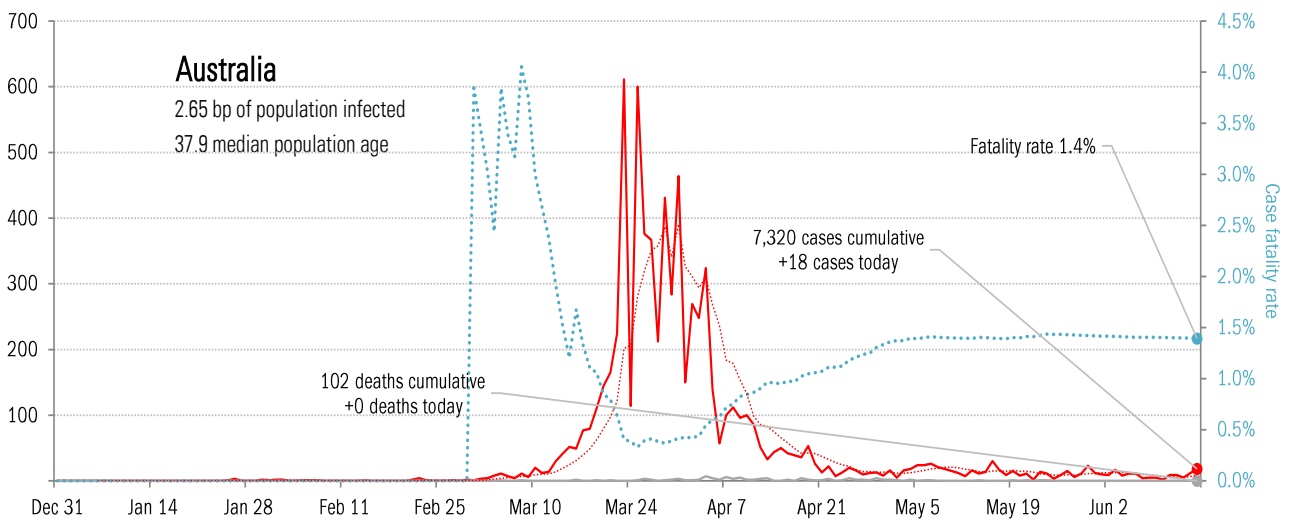
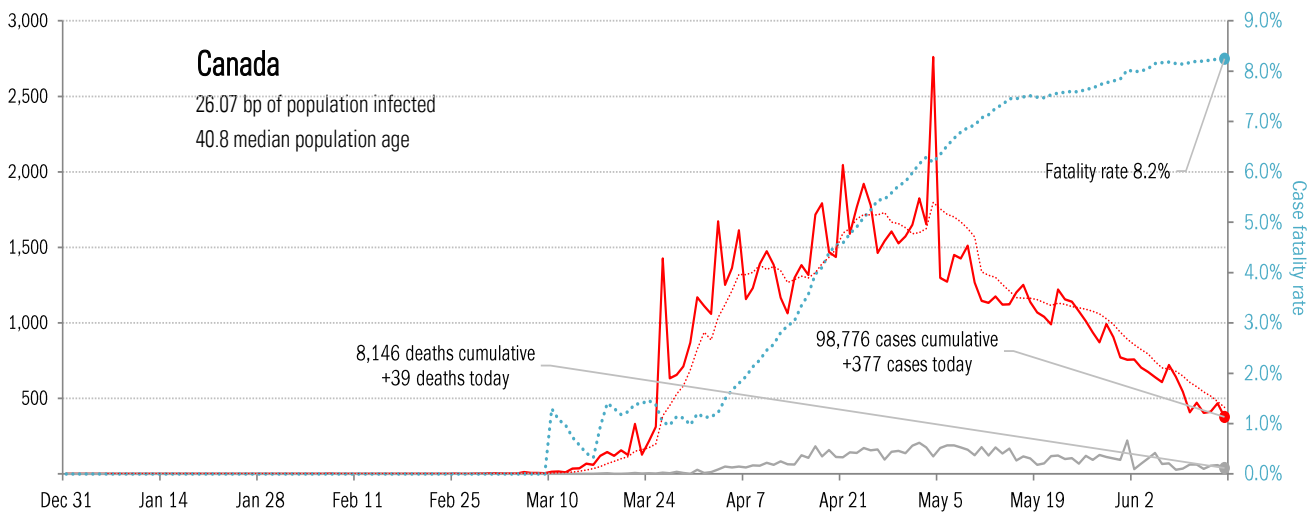
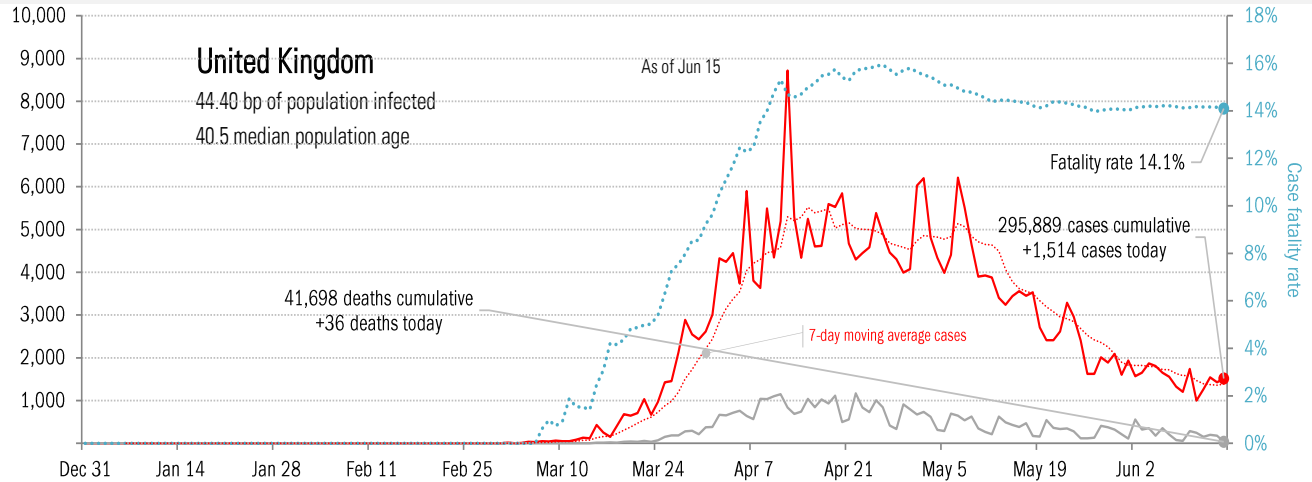
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



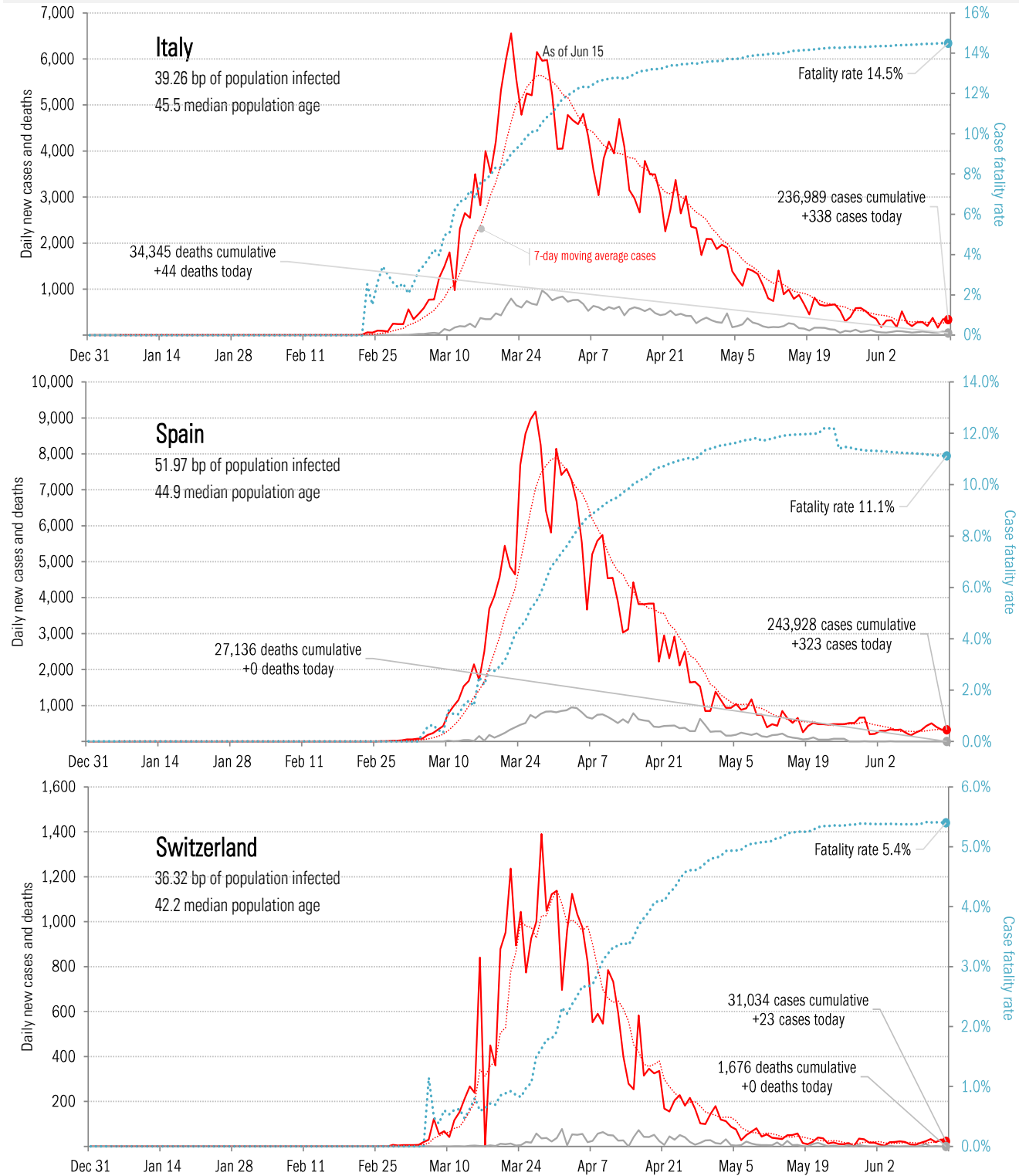
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



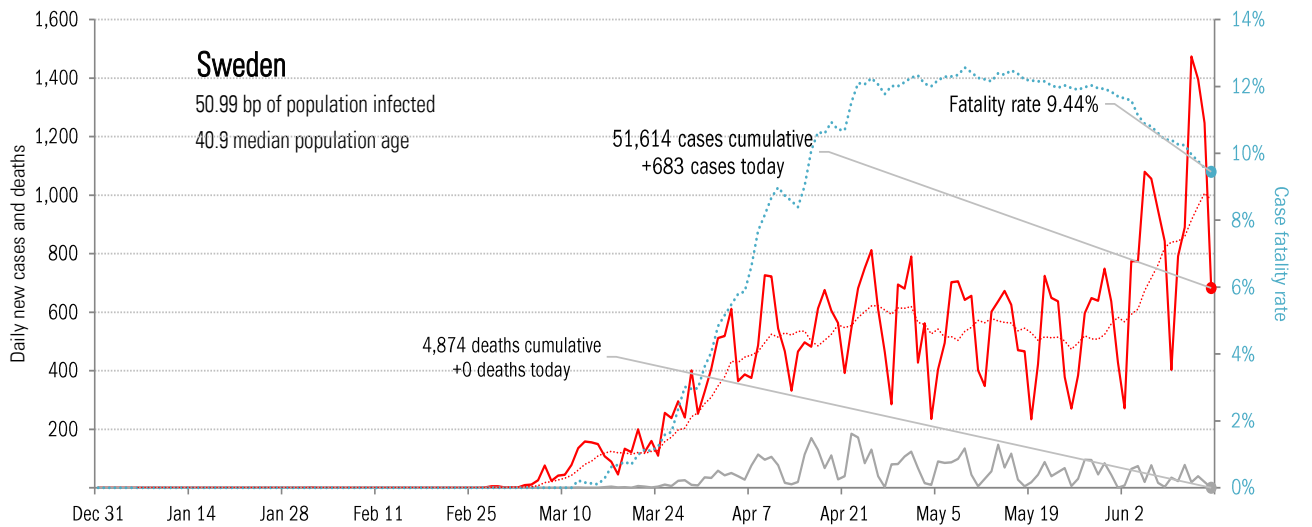
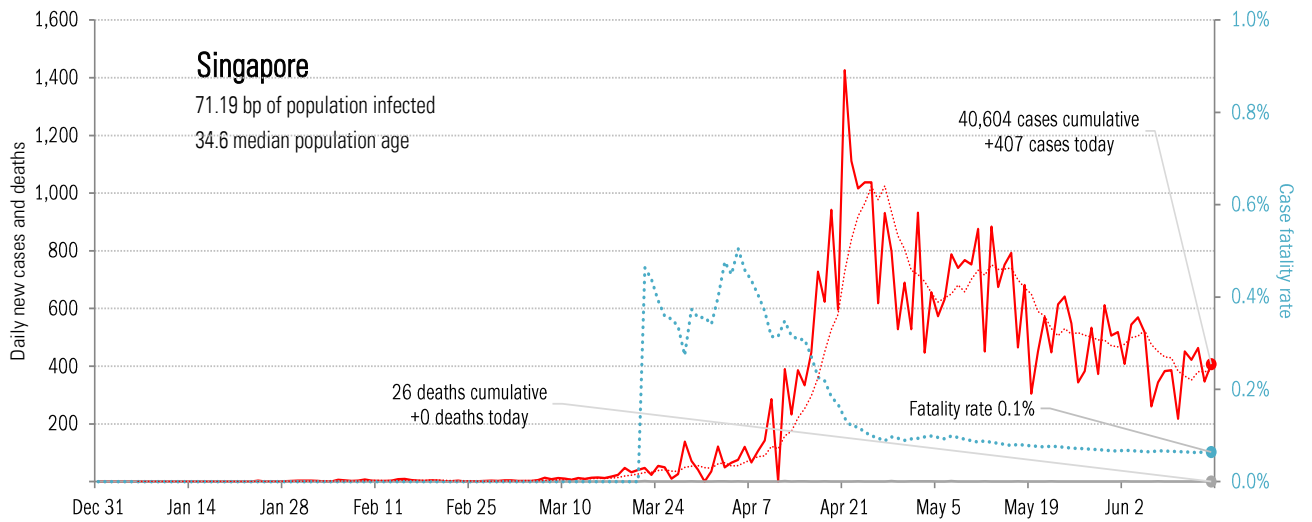
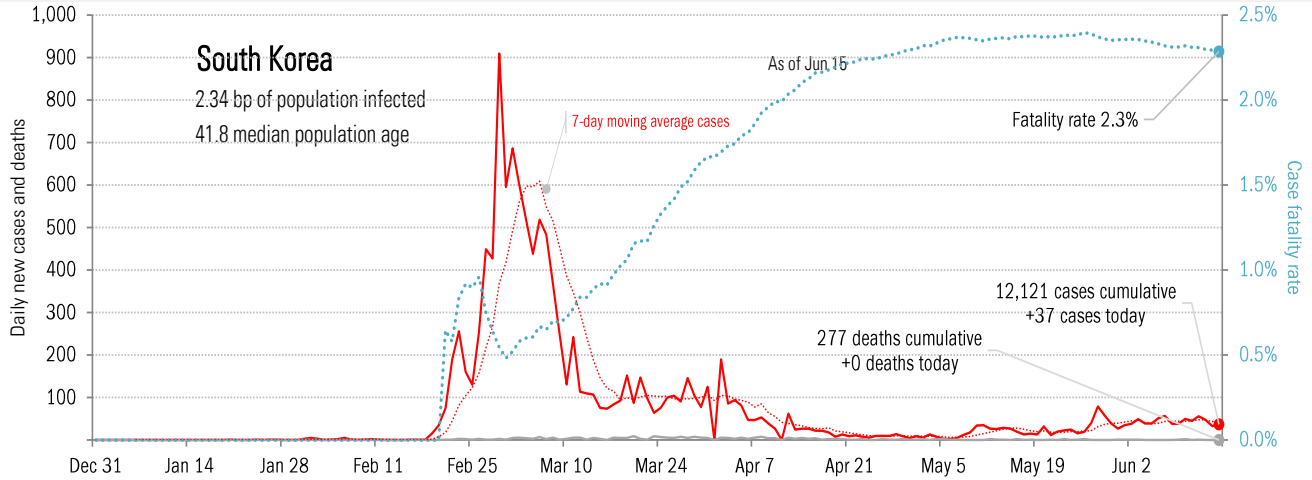
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



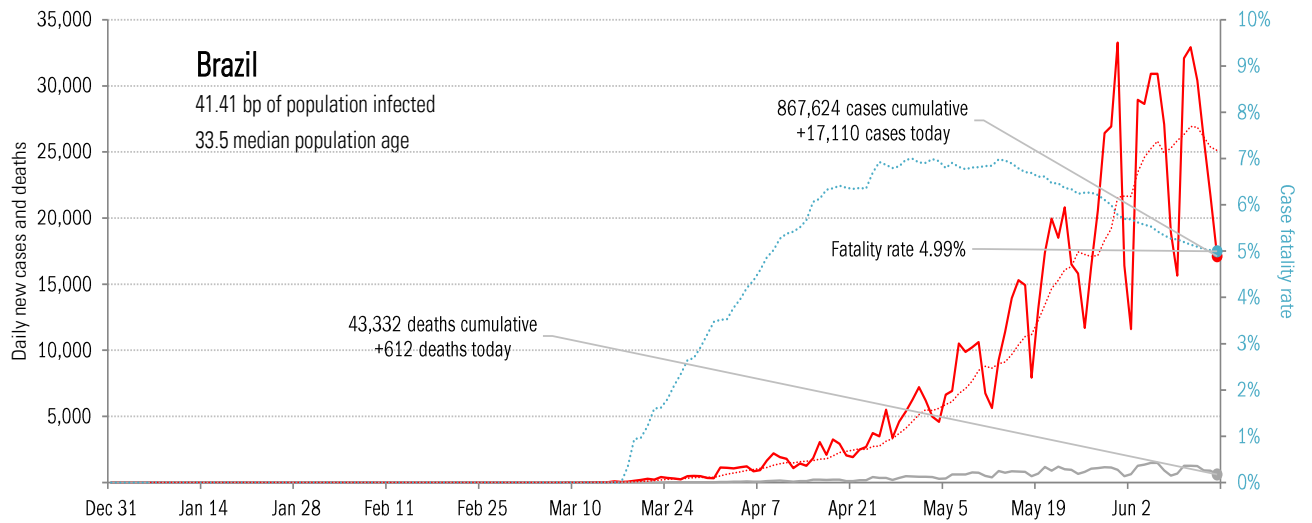
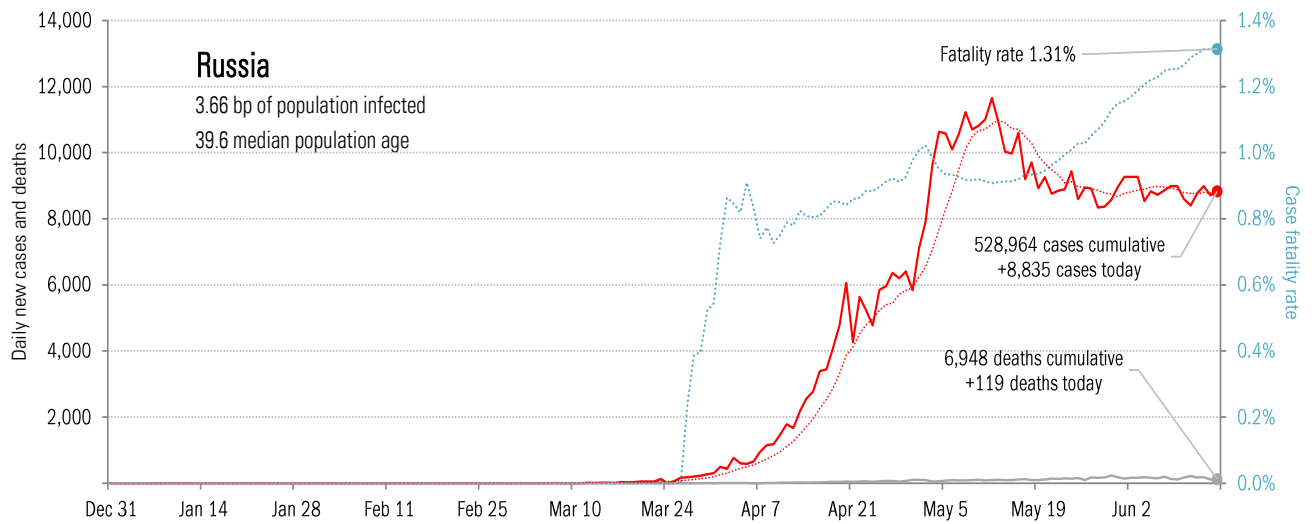
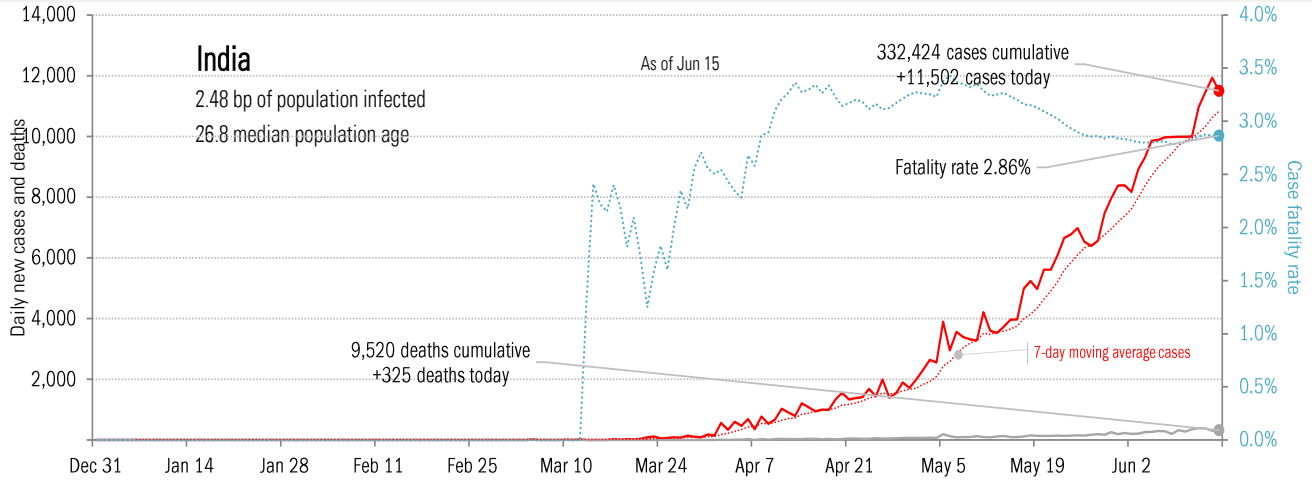
Source: [ECDC](#), TrendMacro calculations

# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

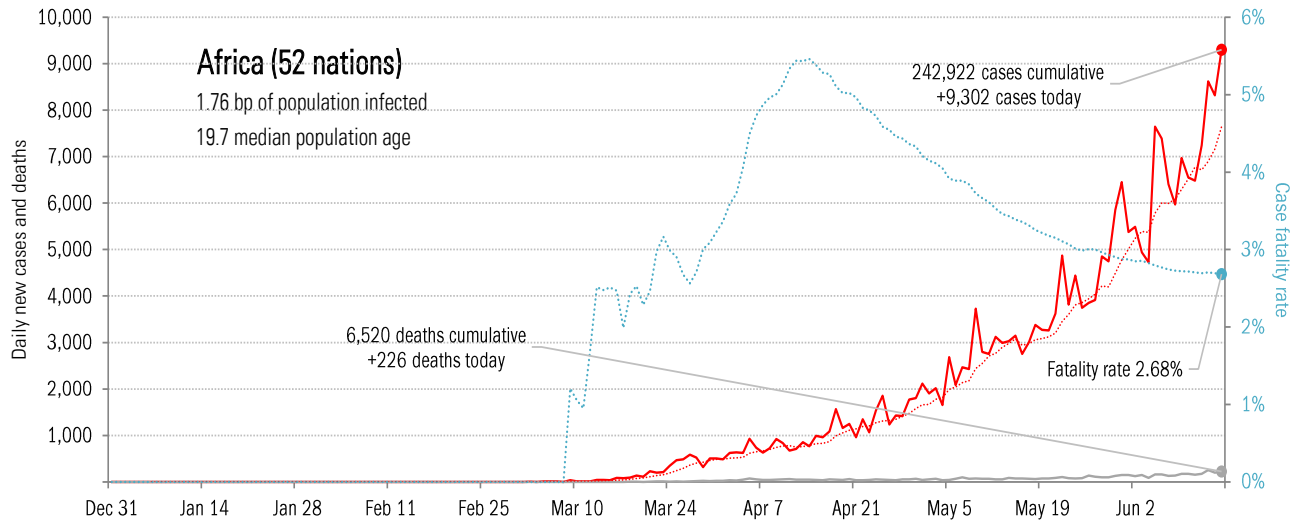
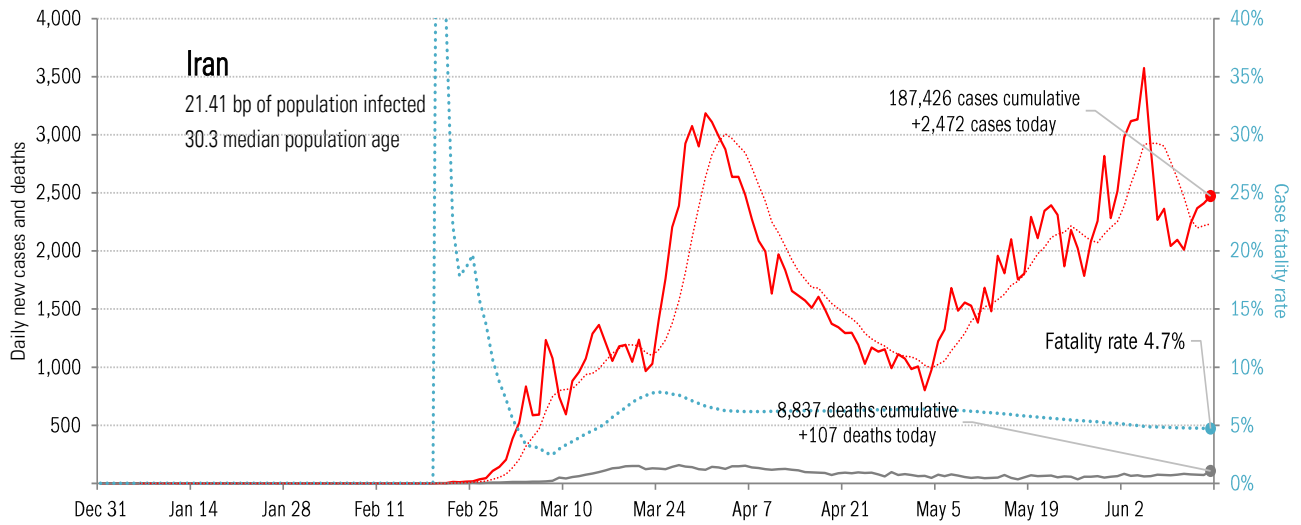
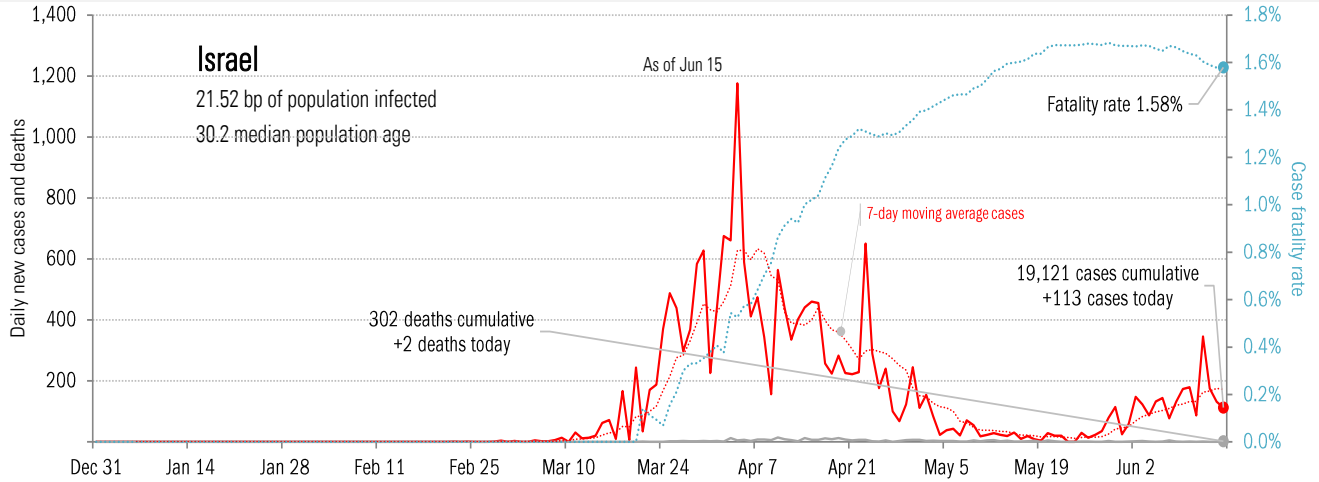
# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations



# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations