

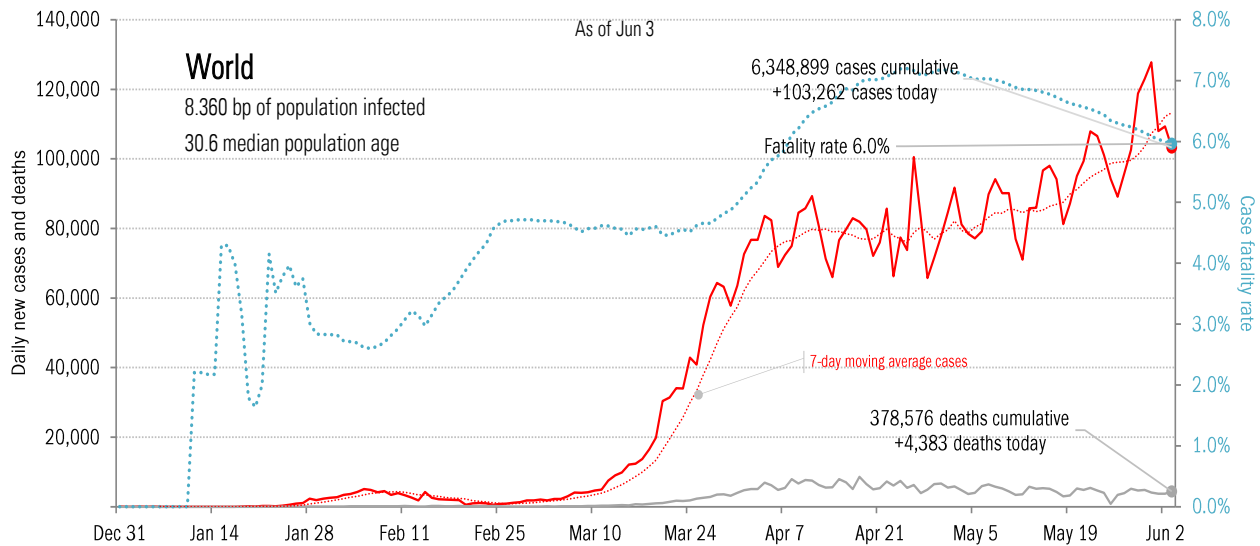
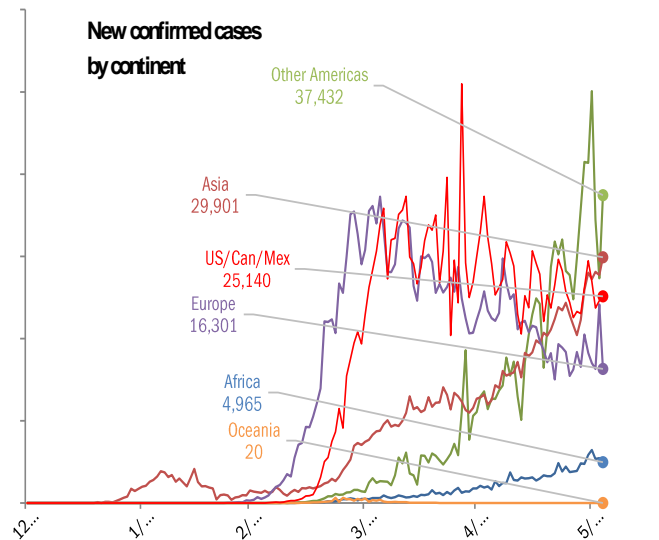
## Data Insights: Covid-2019 Monitor

Wednesday, June 3, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
Brazil	+28,936	Brazil	+1,262
US	+20,544	US	+1,034
India	+8,909	Mexico	+470
Pakistan	+4,065	UK	+324
Mexico	+3,891	India	+217
Chile	+3,527	France	+107
Iran	+3,117	Chile	+75
Bangladesh	+2,911	Canada	+69
Saudi	+1,869	Pakistan	+67
Qatar	+1,826	Sweden	+65
<b>+79,595</b>		<b>+3,690</b>	
World	+103,262	World	+4,383
Top ten	77%	Top ten	84%



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

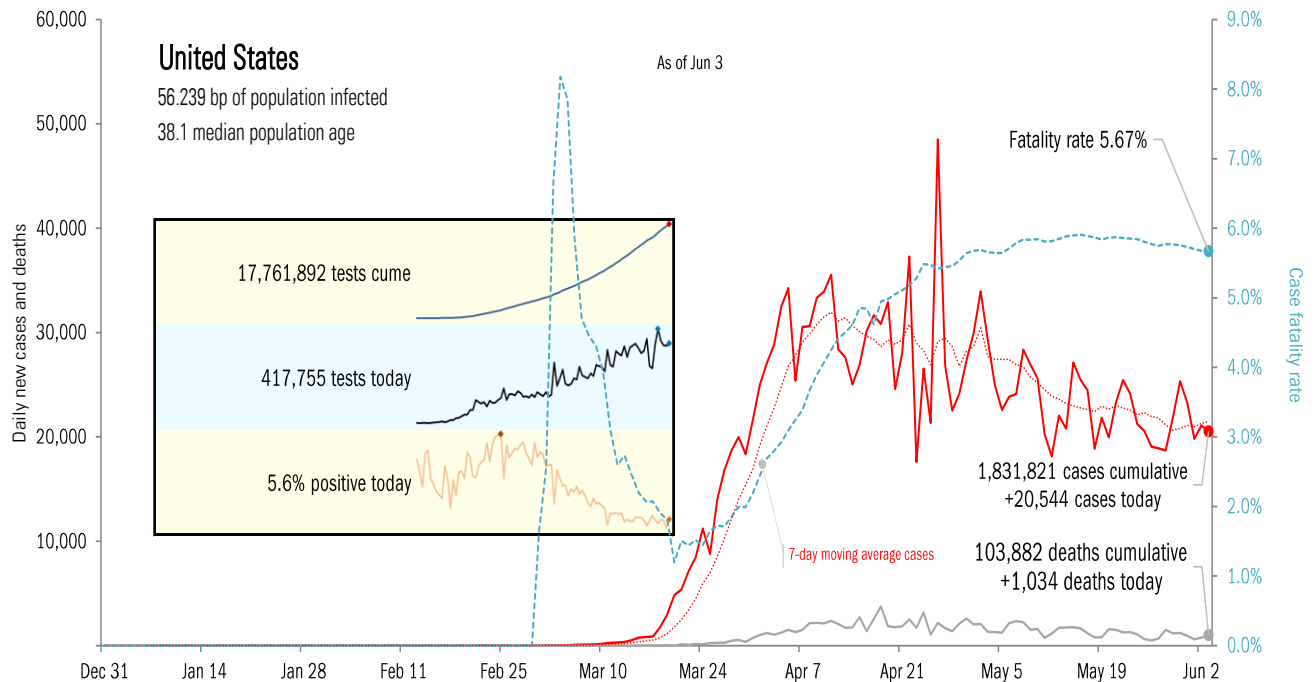
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
MA	+4,198	MA	+239	MA	+240	NY	373,040	NY	24,023	NY	89,861
CA	+2,304	IL	+113	GA	+207	NJ	161,545	NJ	11,770	NJ	17,390
TX	+1,688	PA	+100	FL	+184	IL	122,848	MA	7,085	CT	13,793
IL	+1,614	FL	+70	NJ	+168	CA	115,310	PA	5,667	FL	10,678
NY	+1,329	NY	+64	NY	+158	MA	101,163	MI	5,553	MA	10,063
AZ	+1,127	IN	+55	SC	+155	PA	73,510	IL	5,525	MD	8,957
MD	+848	CH	+52	MD	+71	TX	66,568	CA	4,286	GA	8,334
VA	+841	NJ	+49	CH	+64	MI	57,731	CT	3,972	VA	7,373
TN	+821	MD	+45	MN	+48	FL	57,447	LA	2,835	CH	6,176
NJ	+627	MI	+37	VA	+47	MD	54,175	FL	2,613	IN	5,902
<b>+15,397</b>		<b>+824</b>		<b>+1,342</b>		<b>1,183,337</b>		<b>73,329</b>		<b>178,527</b>	
All states	+23,508	All states	+1,192	All states	+1,678	All states	1,823,269	All states	100,197	All states	214,382
Top ten	65%	Top ten	69%	Top ten	80%	Top ten	65%	Top ten	73%	Top ten	83%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CT	-300	CT	-12	CT	-1,255	TX	+1,179
KS	-292	AL	-10	IN	-533	MN	+940
KY	-203	KS	-9	MD	-77	SC	+517
AR	-190	IA	-7	MS	-24	PA	+410
AL	-181	KY	-5	WA	-5	IN	+399



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

## Recommended reading

[Massachusetts reports 50 new coronavirus deaths, 358 new cases as state adds 'probable' COVID-19 deaths and cases](#)

Noah R. Bombard  
*MassLive*  
June 2, 2020

[Top medical journals raise concerns about data in two studies related to Covid-19](#)

Matthew Herper  
*Stat*  
June 2, 2020

[Consumers blame China for the global pandemic](#)

*Parabellum Investors*  
June 3, 2020

[Democrats Stick With Tax-Rise Policies as They Make Plans for 2021 Majority](#)

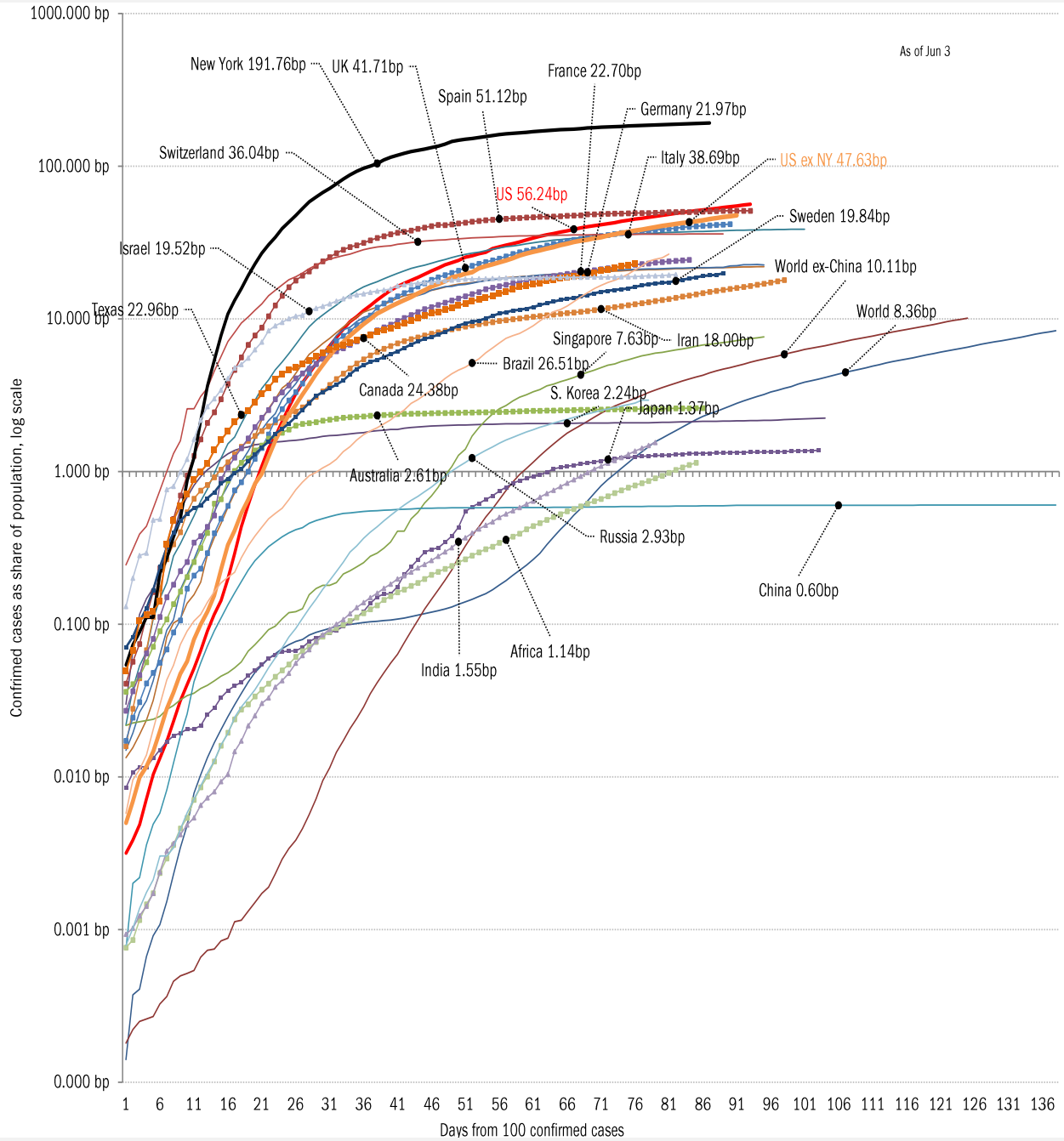
Richard Rubin  
*Wall Street Journal*  
June 1, 2020

## Meme of the day



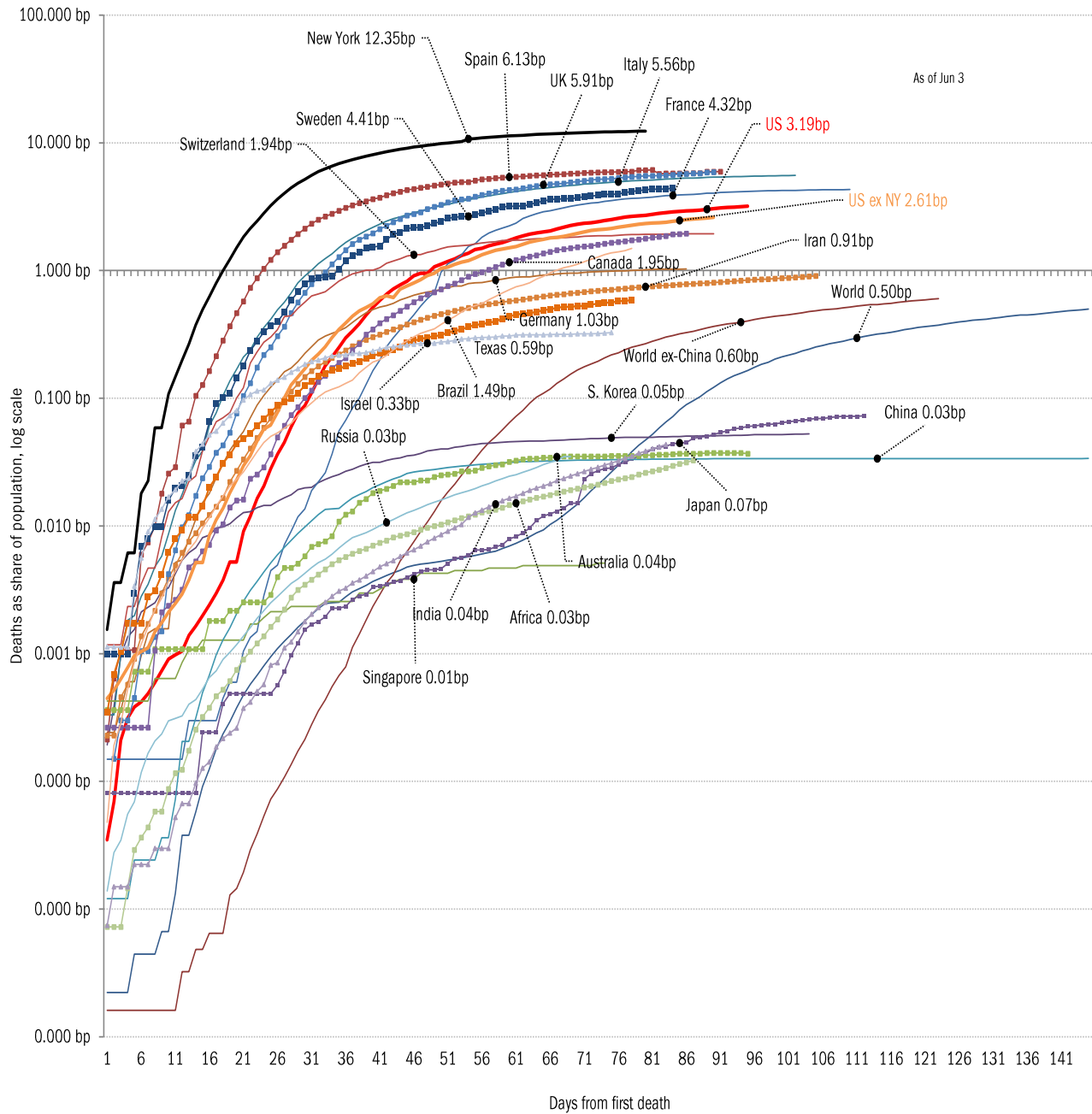
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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

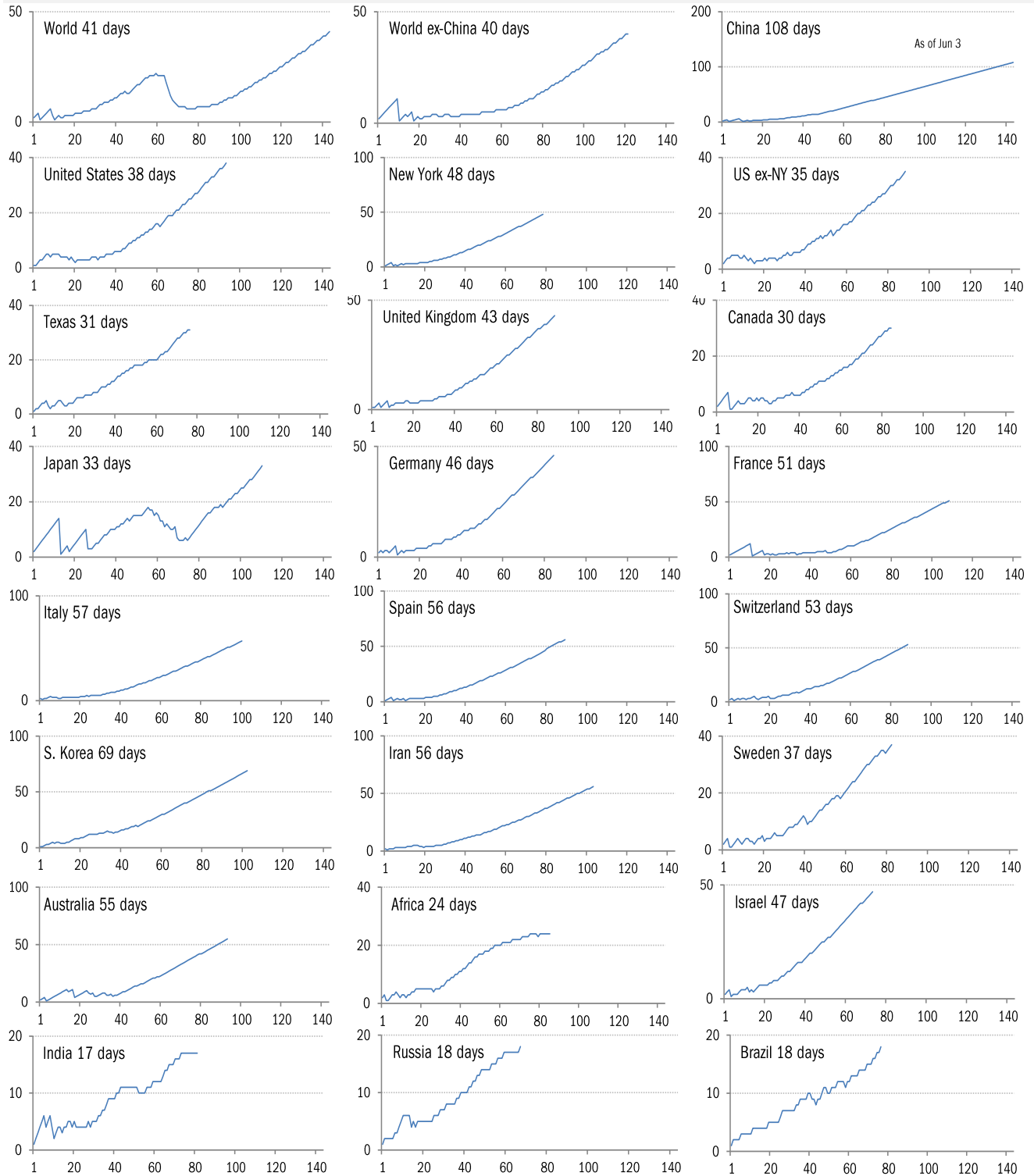
The coronavirus mortality accelerometer ... tracking the world's fatality curves  
*Share of deceased population from day of first fatality*



Source: [ECDC](#), TrendMacro calculations

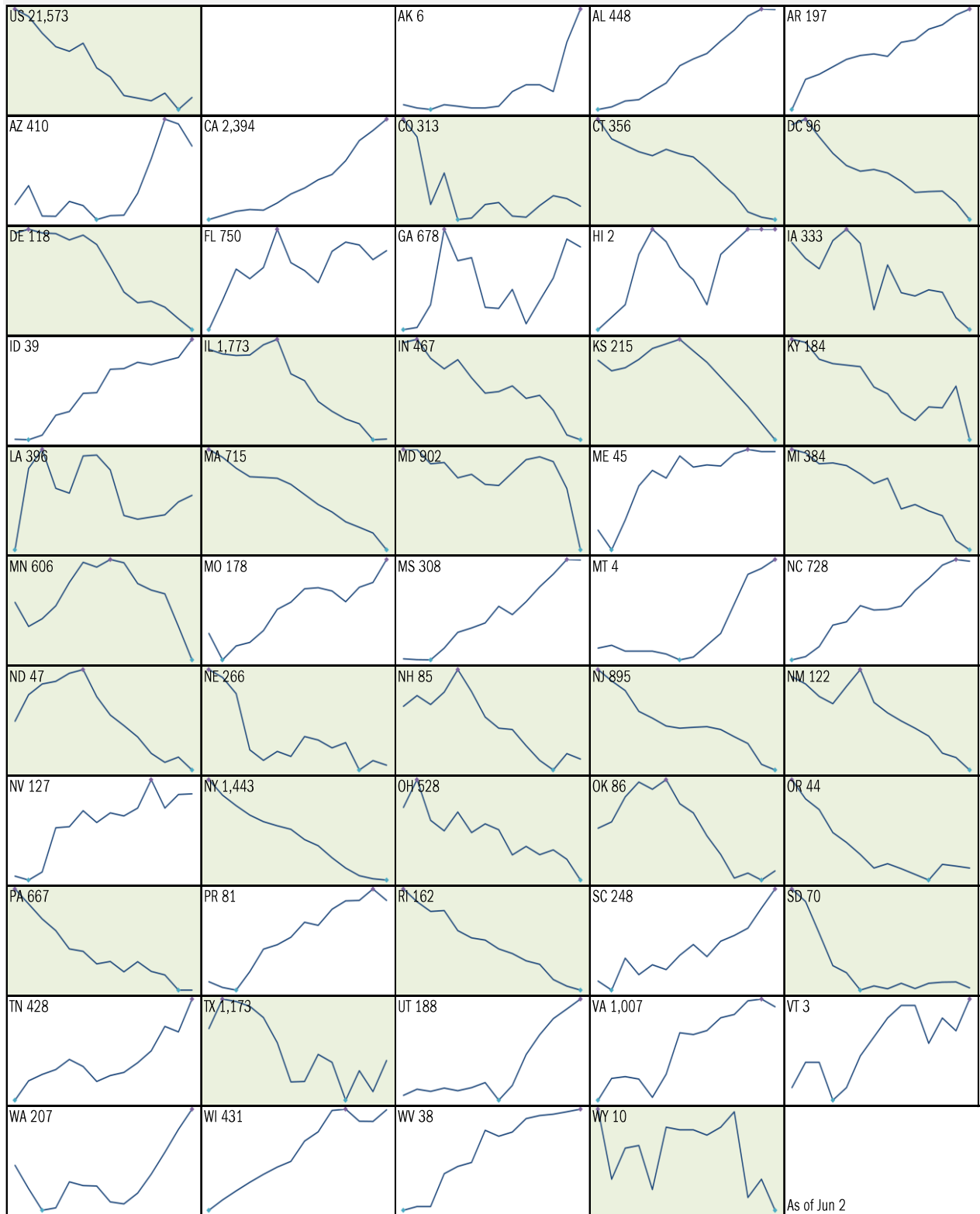
# Our most reliable evidence of slowing exponential growth of Covid-2019

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



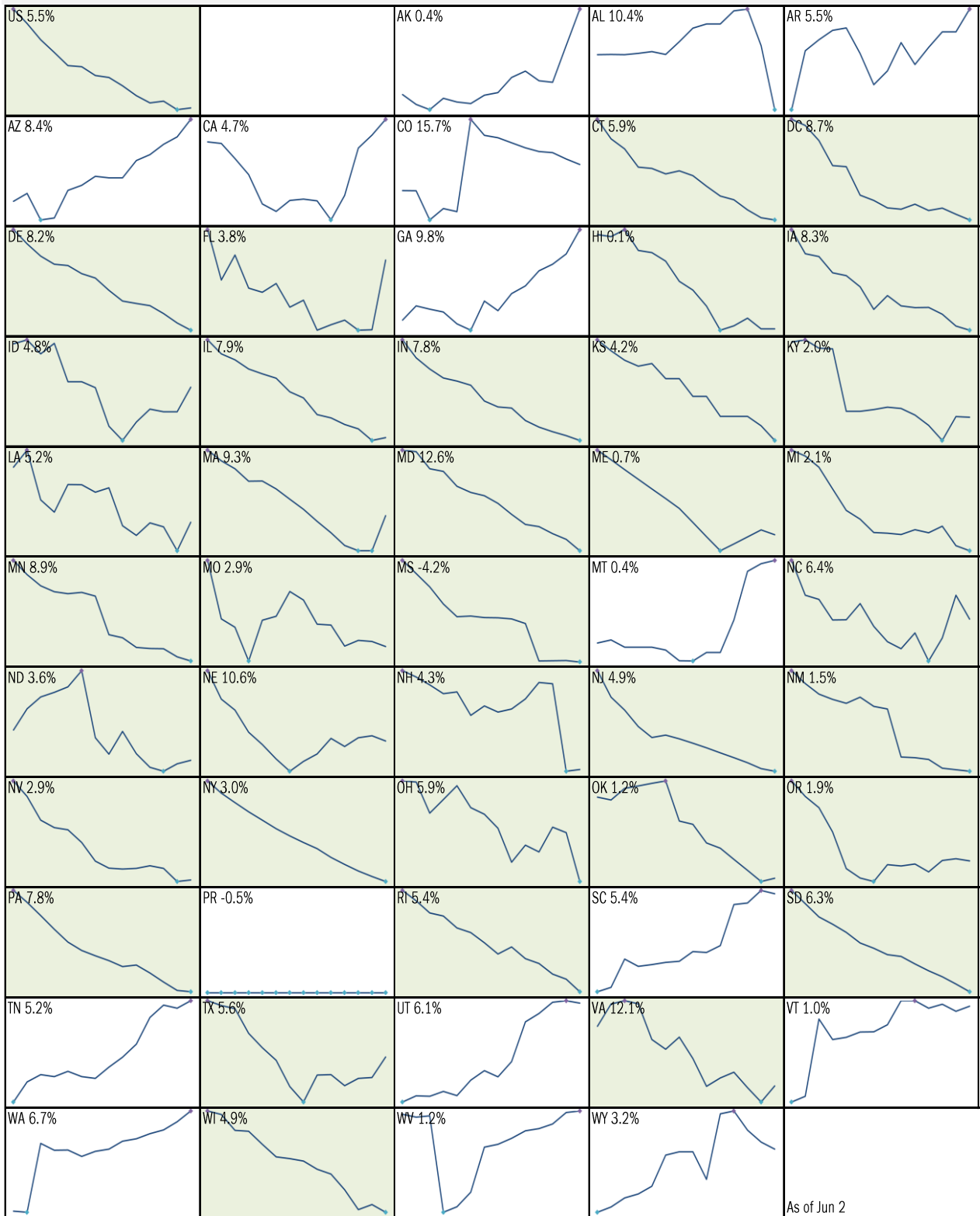
Source: [ECDC](#), TrendMacro calculations

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

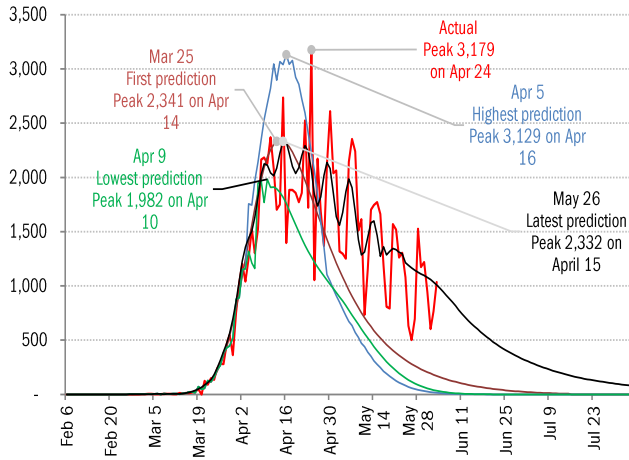


# Reality-checking the models: actuals versus [IHME predictions](#)

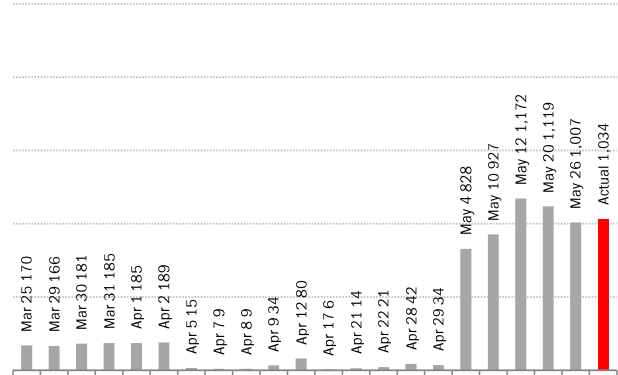
## New daily fatalities

As of Jun 3

Actual versus first, highest and latest model mean predictions

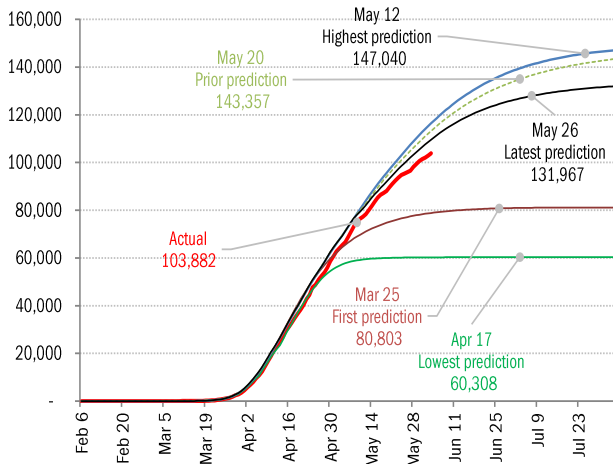


For this day, versus all model mean predictions

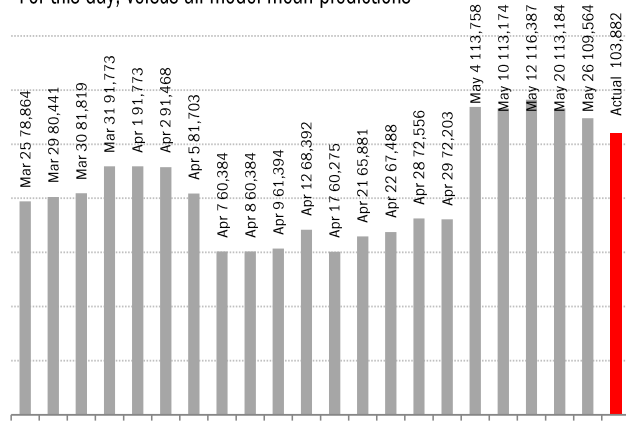


## Cumulative fatalities

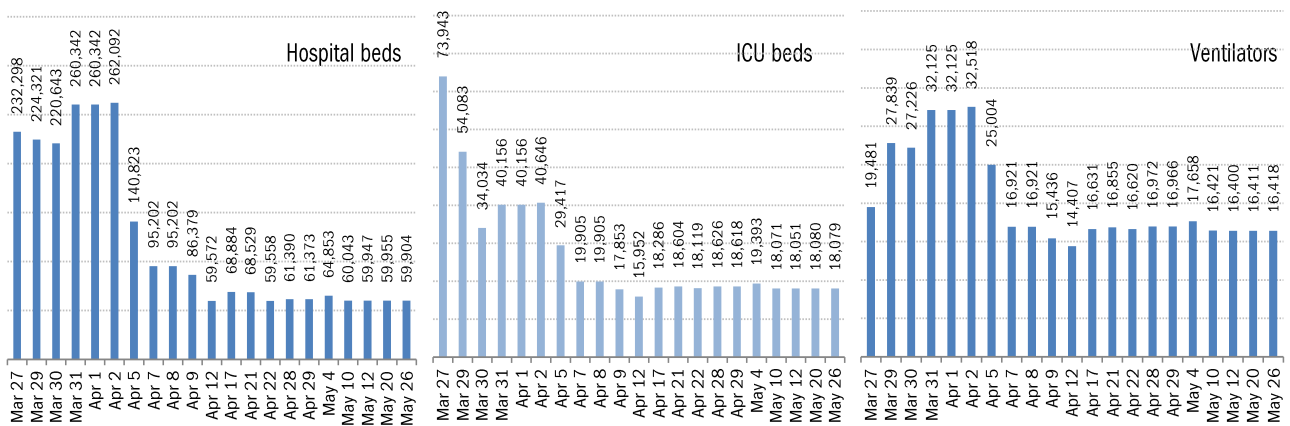
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

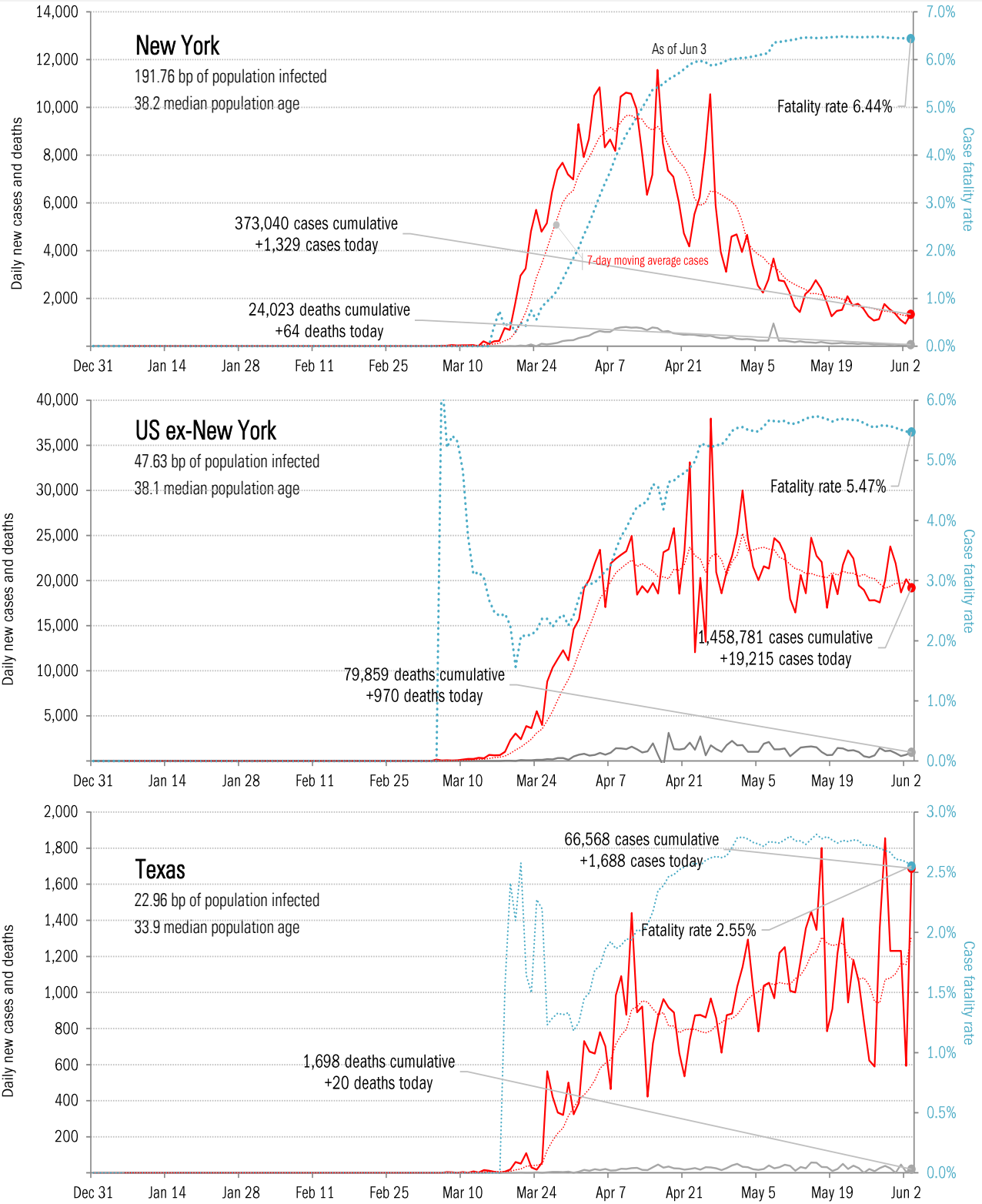


## Healthcare system stress, peak estimated at each model revision



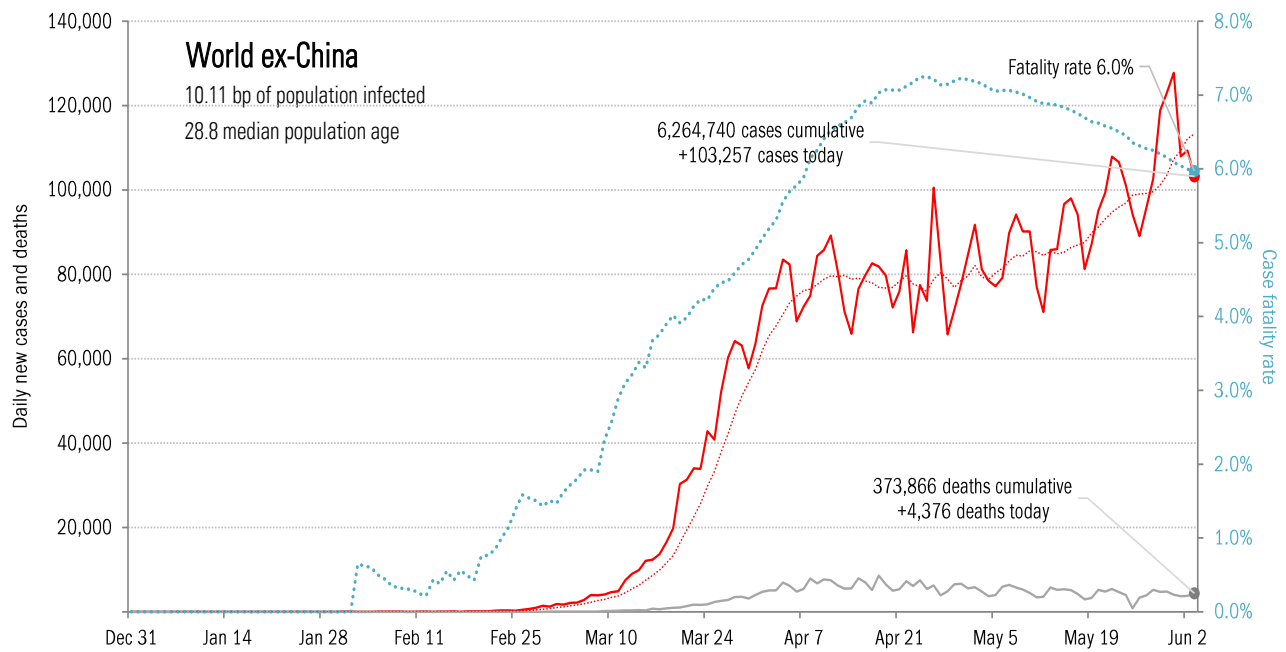
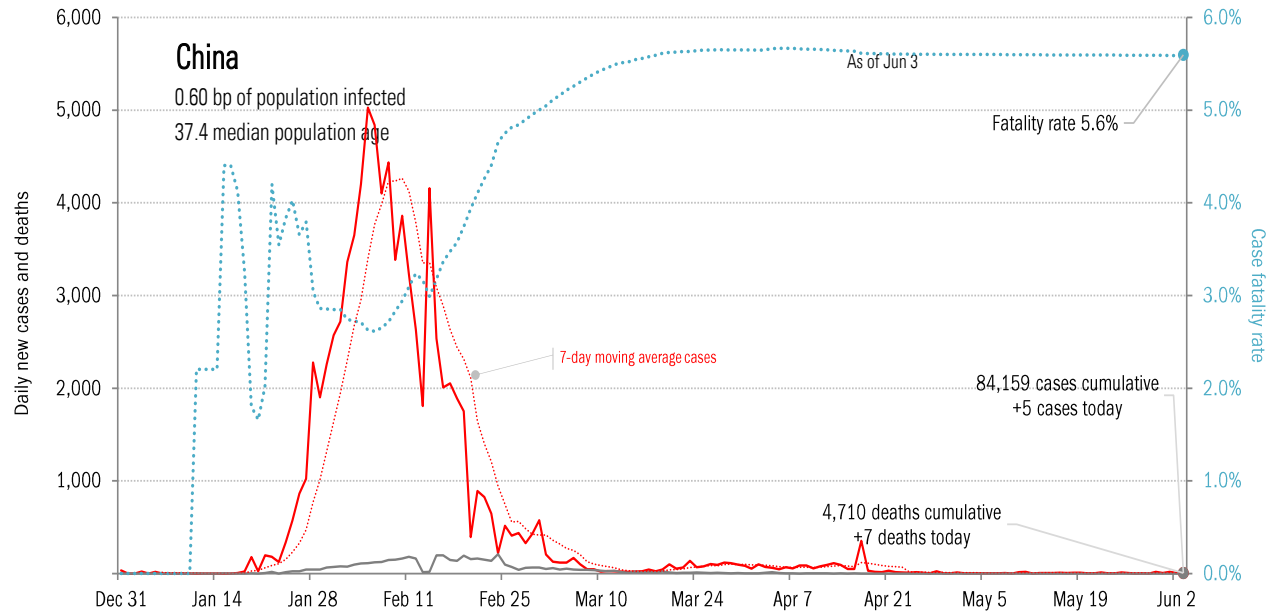
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



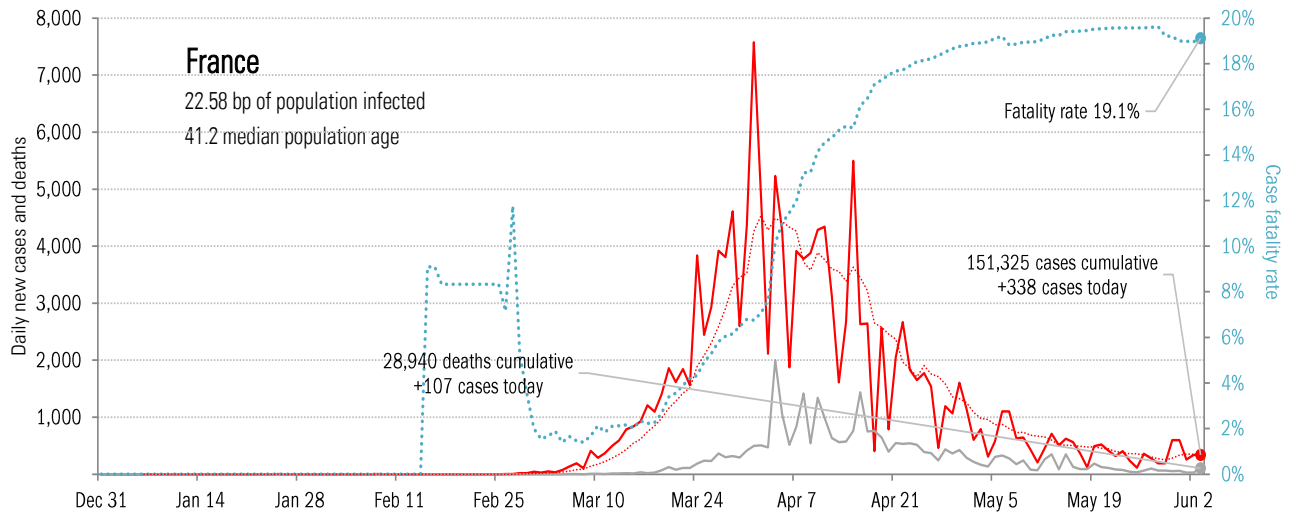
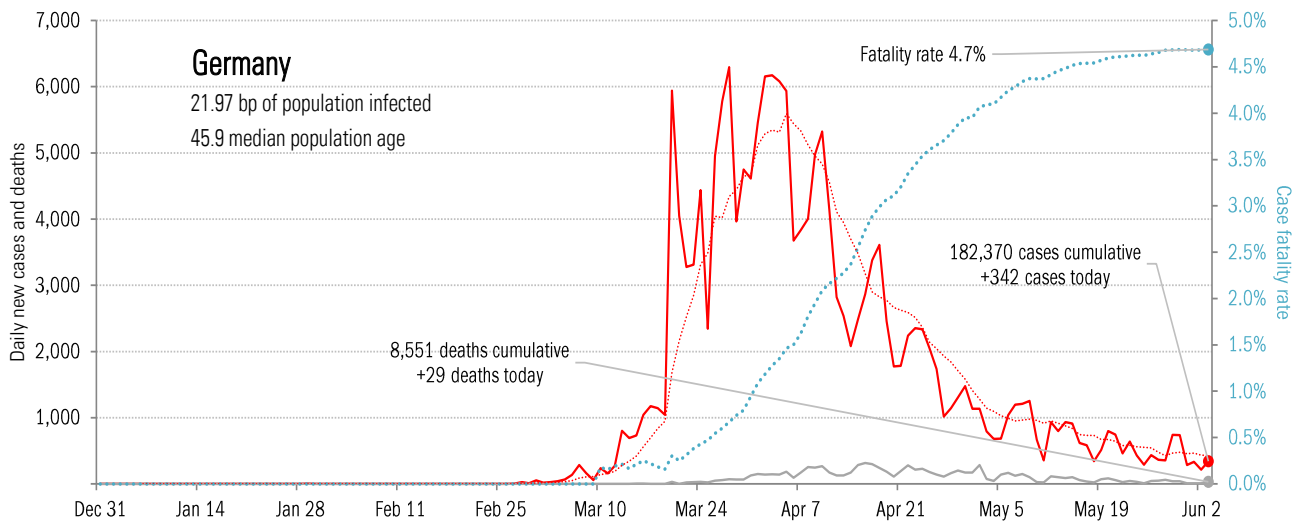
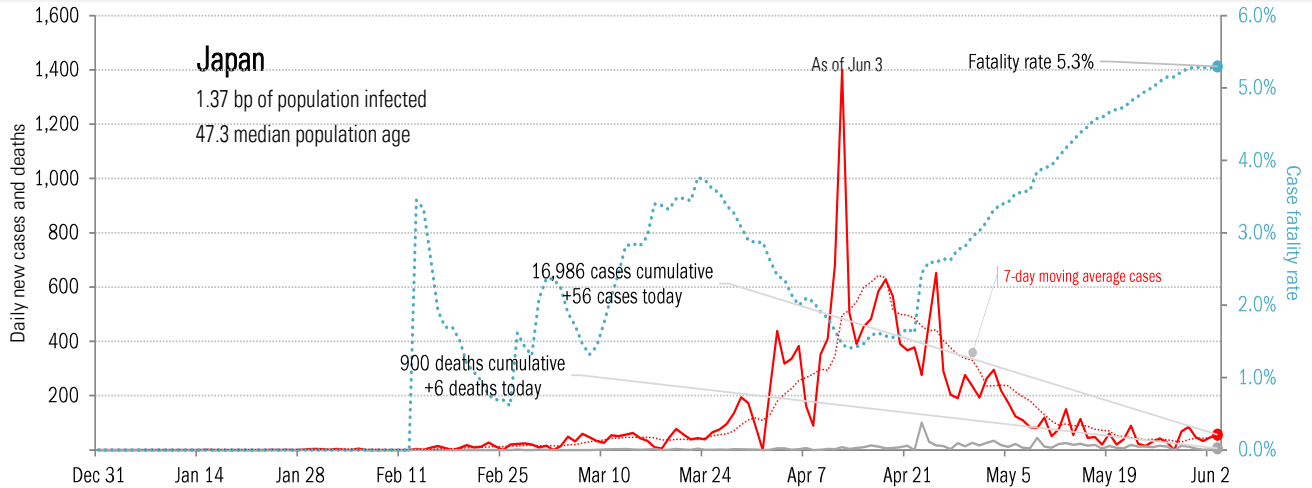
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



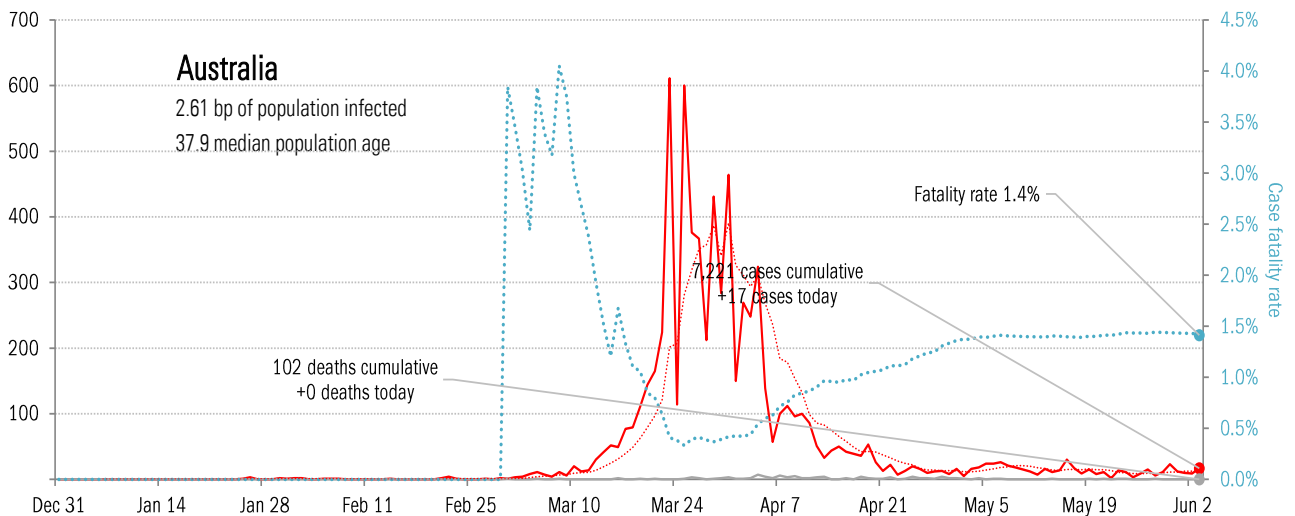
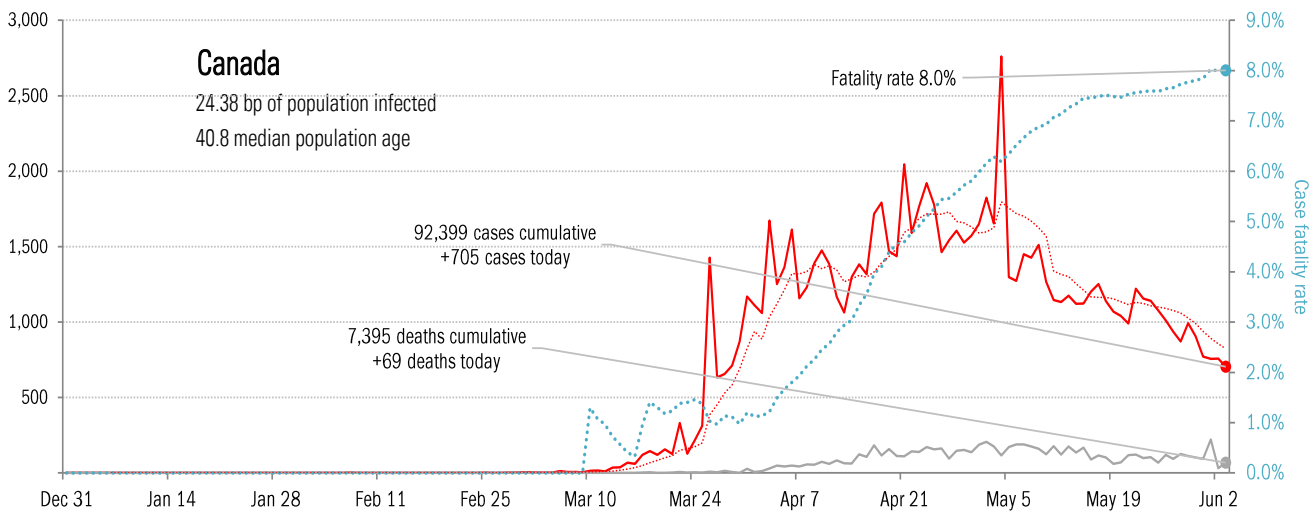
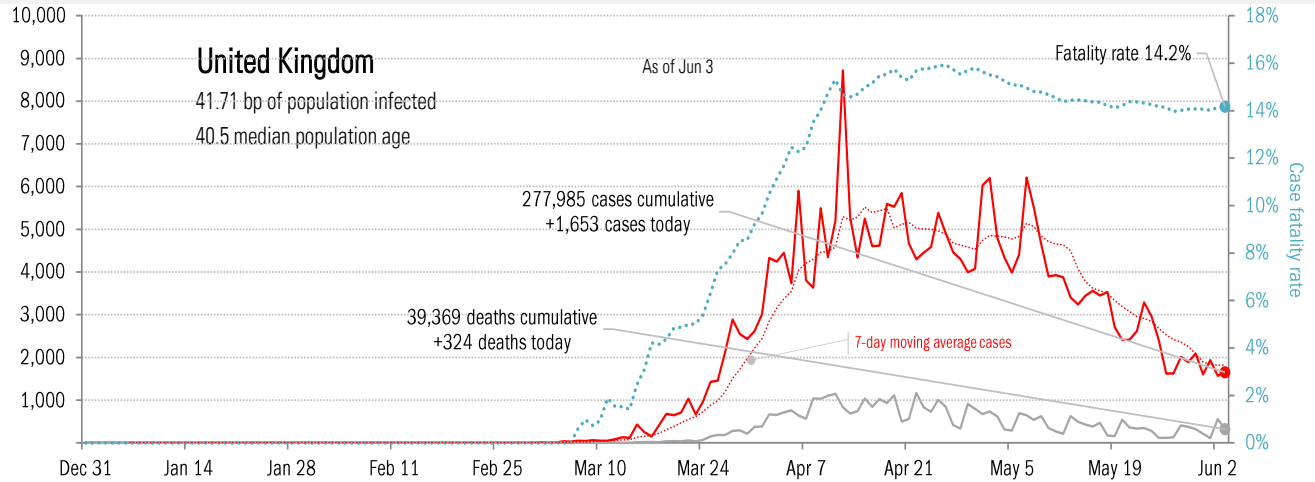
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



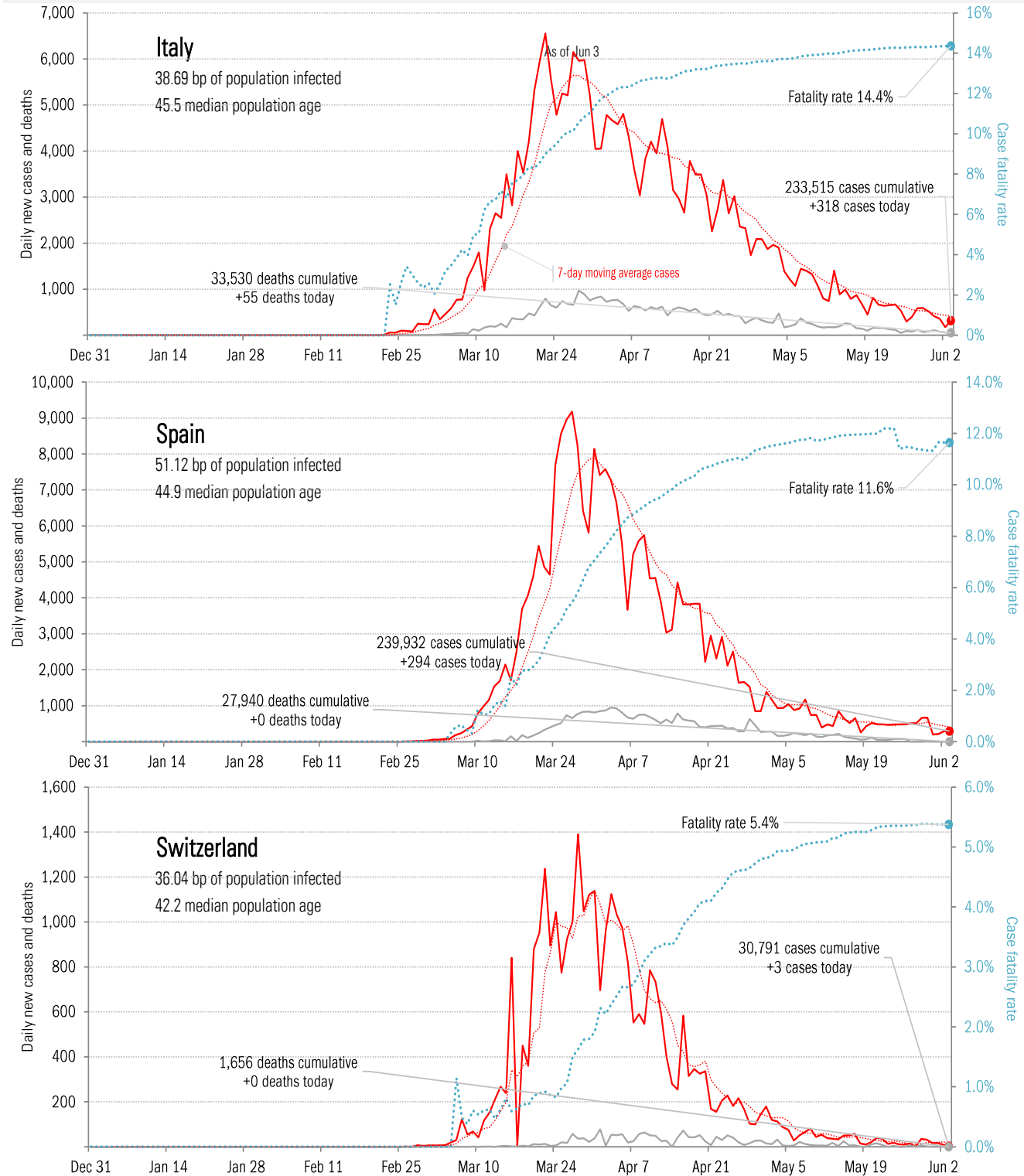
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



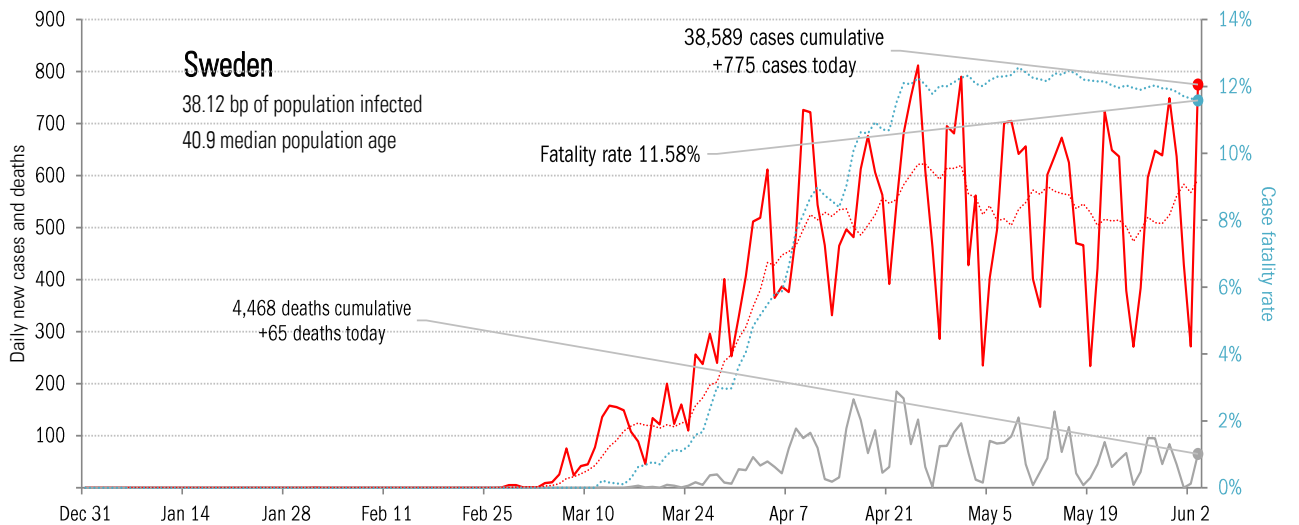
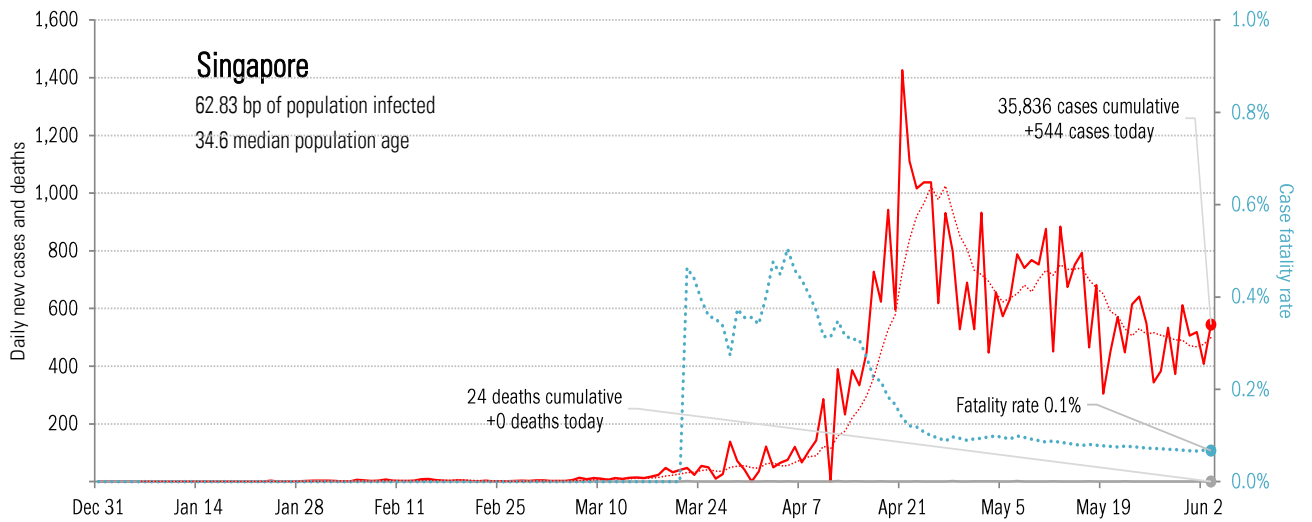
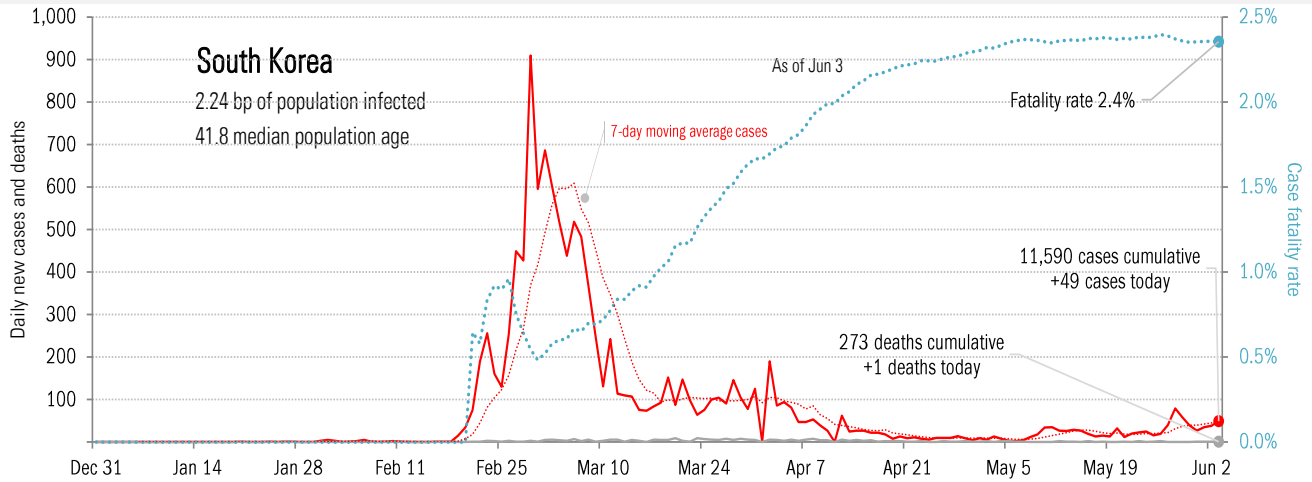
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



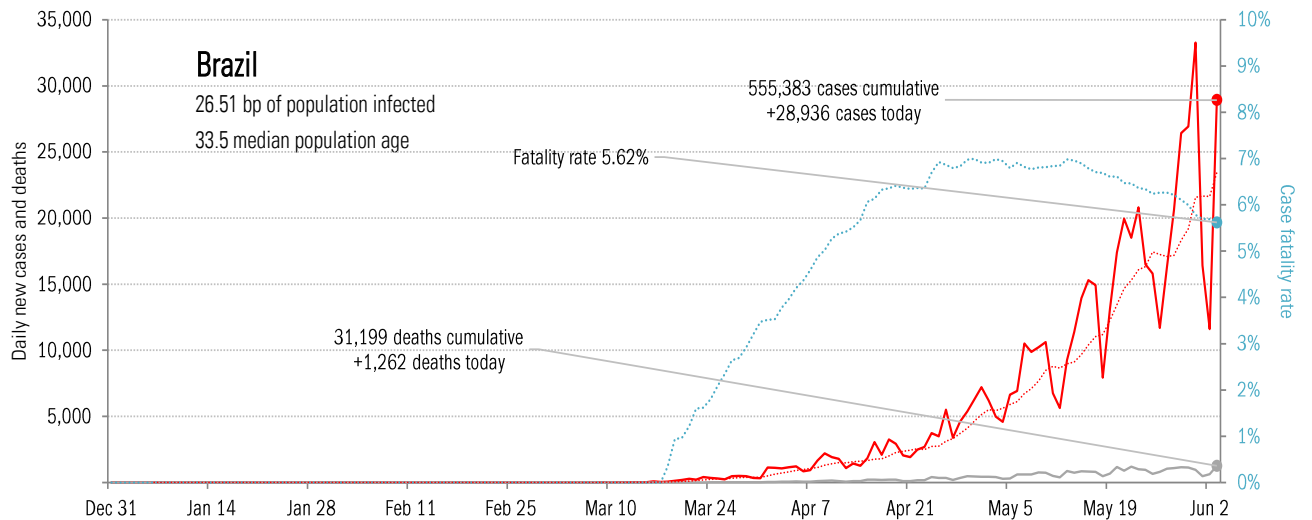
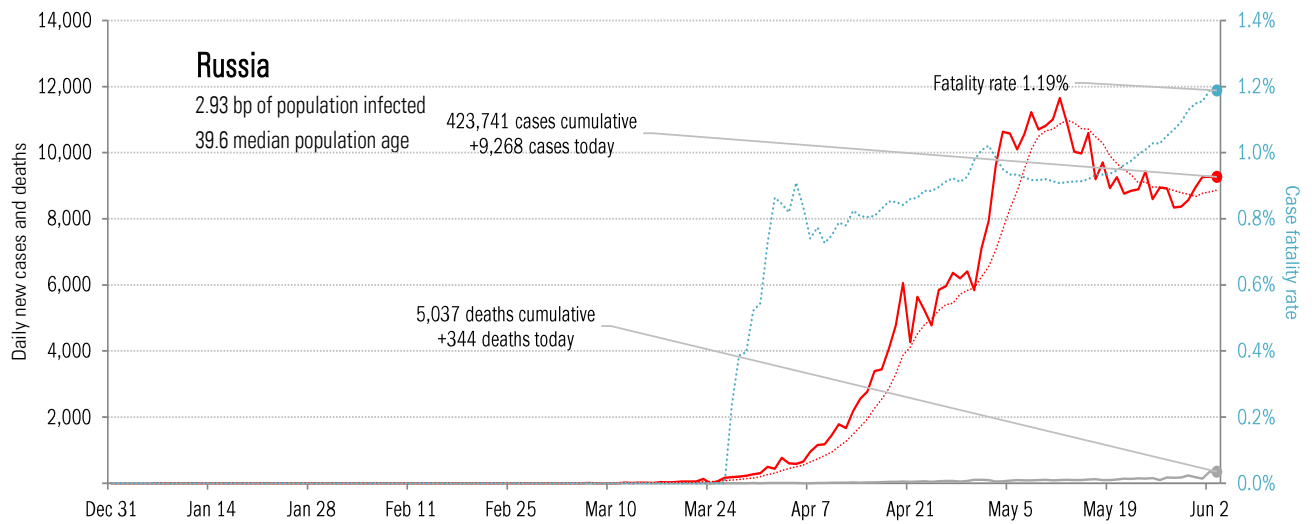
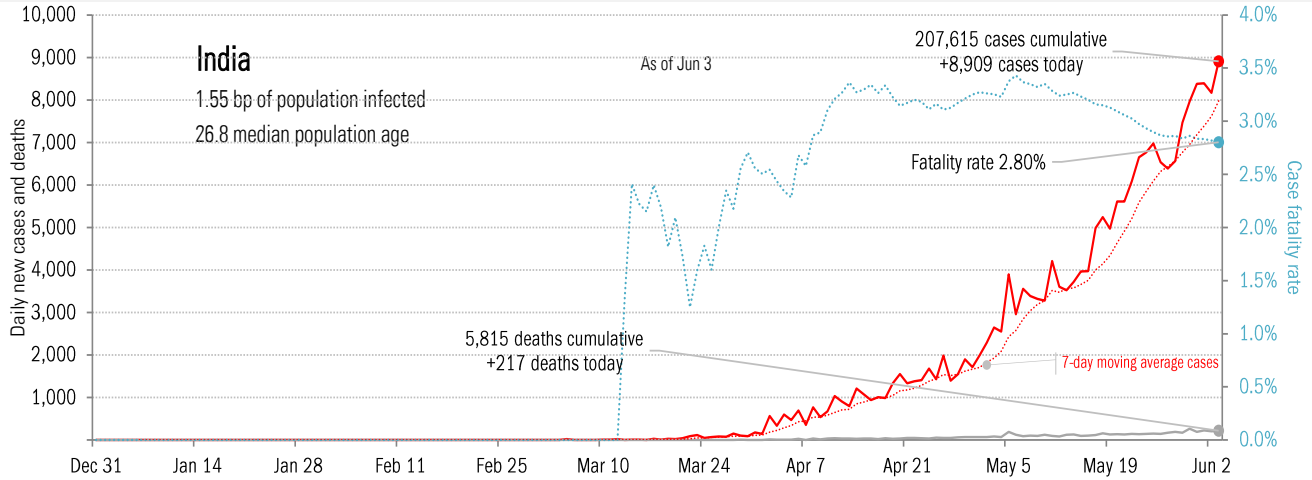
Source: [ECDC](#), TrendMacro calculations

## Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

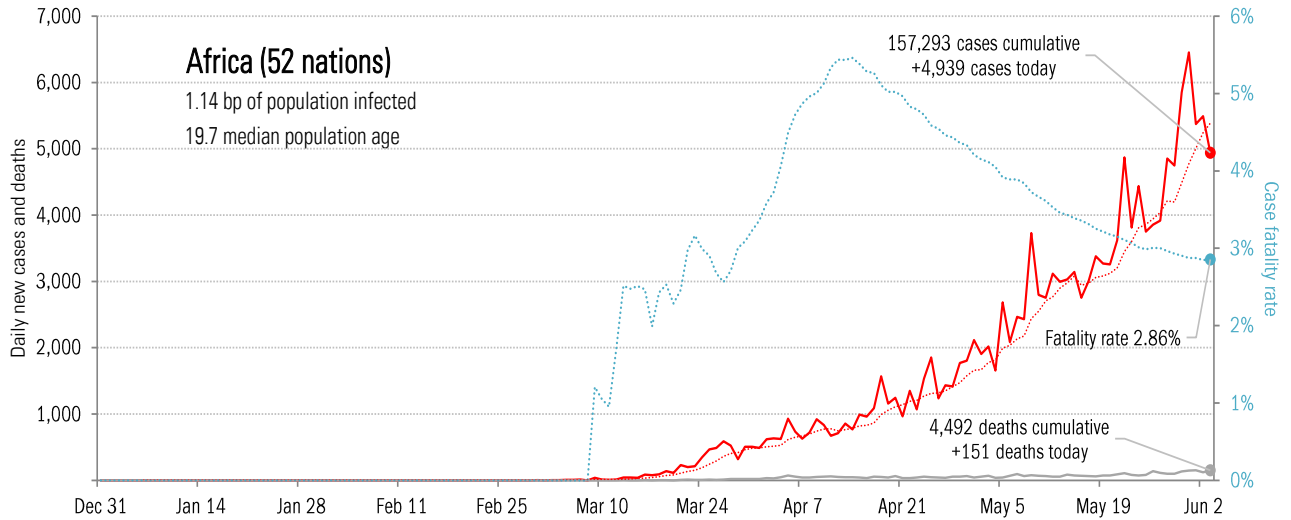
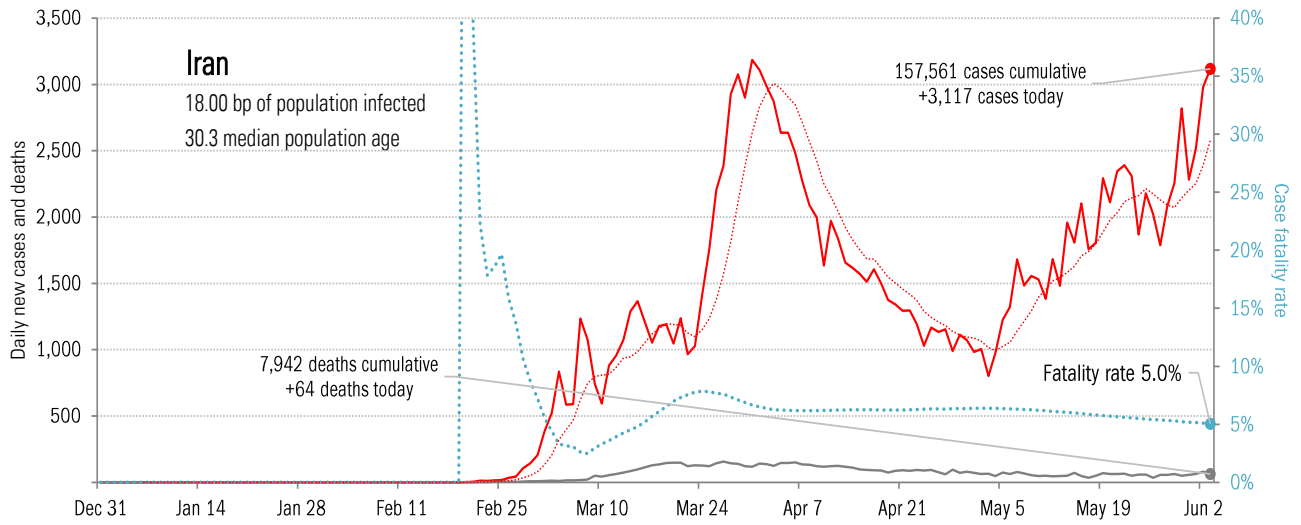
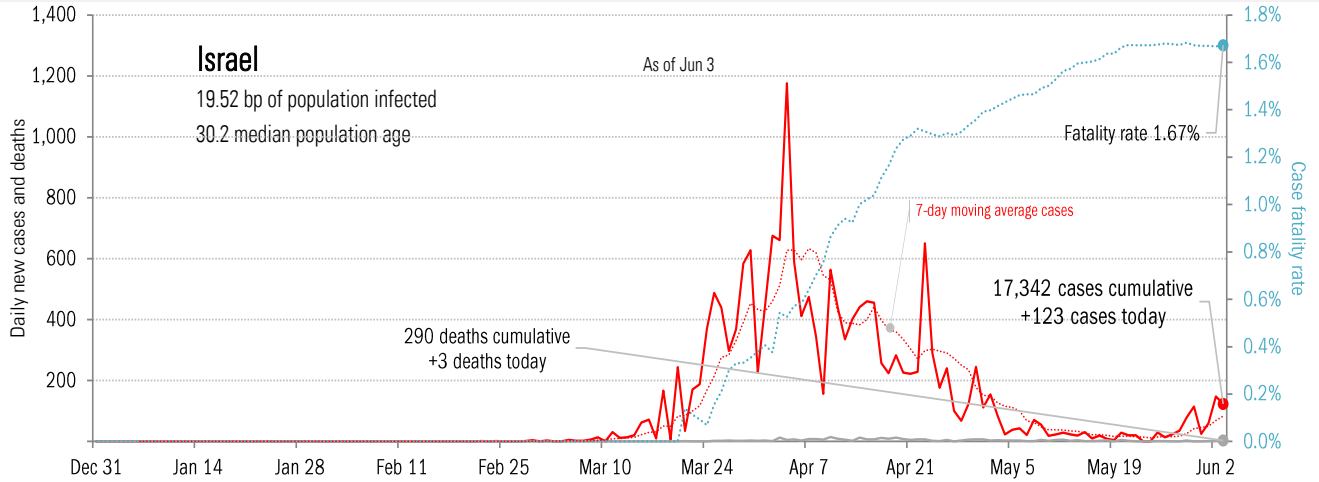
# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations



# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations