

Data Insights: Covid-2019 Monitor

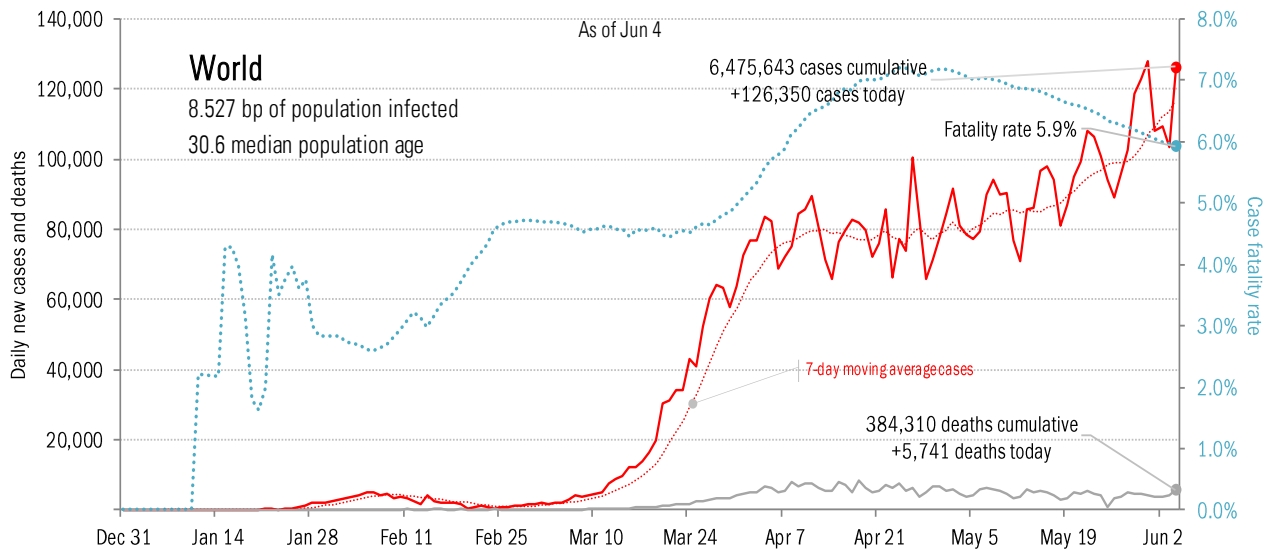
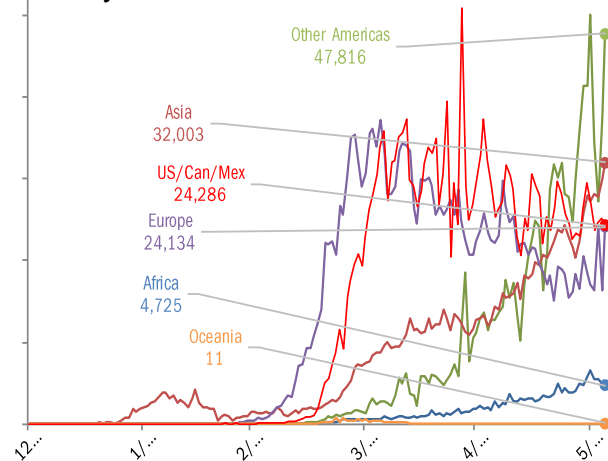
Thursday, June 4, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+28,633	Brazil	+1,349
US	+19,699	Mexico	+1,091
India	+9,304	US	+994
Peru	+8,875	UK	+359
Russia	+8,536	India	+260
Chile	+4,942	Peru	+260
Pakistan	+4,801	Russia	+178
Mexico	+3,912	Canada	+103
Iran	+3,134	Panama	+99
Bangladesh	+2,695	Chile	+87
+94,531		+4,780	
World +126,350		World +5,741	
Top ten 75%		Top ten 83%	

New confirmed cases by continent



Source: [ECDC](https://ecdc.europa.eu/en), TrendMacro calculations

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The US scorecard

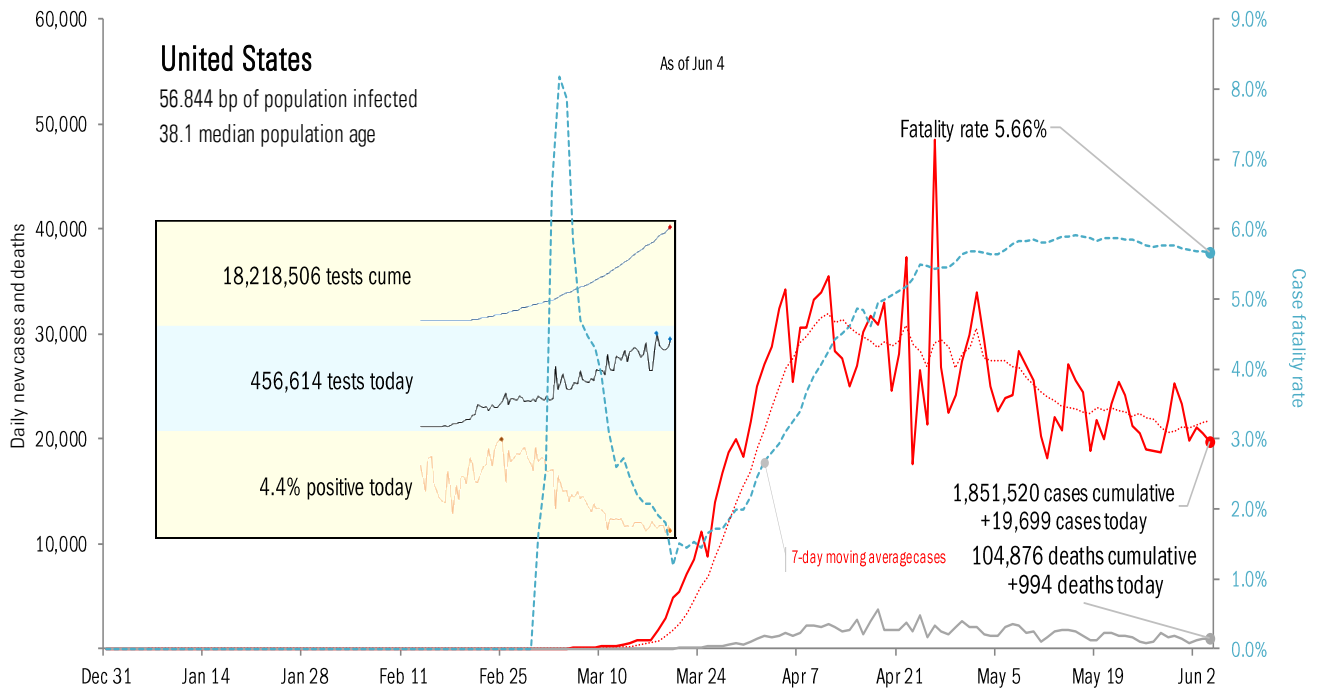
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
CA	+2,377	NJ	+110	NE	+851	NY	374,085	NY	24,079	NY	89,995
TX	+1,703	IL	+96	MD	+154	NJ	162,068	NJ	11,880	NJ	17,390
FL	+1,317	CA	+75	NY	+134	IL	123,830	MA	7,152	CT	13,793
NY	+1,045	PA	+74	FL	+118	CA	117,687	PA	5,741	FL	10,796
AZ	+983	MA	+67	VA	+103	MA	101,592	IL	5,621	MA	10,151
IL	+982	NY	+56	NM	+99	PA	74,022	MI	5,570	MD	9,111
NC	+888	MD	+44	MA	+88	TX	68,271	CA	4,361	GA	8,419
MD	+807	CH	+41	GA	+85	FL	58,764	CT	3,989	VA	7,476
GA	+687	AZ	+40	CH	+75	MI	58,035	LA	2,870	CH	6,251
VA	+666	FL	+37	AZ	+72	MD	54,982	FL	2,650	IN	5,952
+11,455		+640		+1,779		1,193,336		73,913		179,334	
All states	+20,046	All states	+995	All states	+2,258	All states	1,843,315	All states	101,192	All states	216,640
Top ten	57%	Top ten	64%	Top ten	79%	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	
MA	-3,769	MA	-172	NJ	-168	NE	+6,743
IL	-632	IN	-45	SC	-155	AL	+2,040
TN	-374	FL	-33	MA	-152	TX	+1,341
NY	-284	PA	-26	GA	-122	PA	+1,077
IA	-280	MI	-20	FL	-66	MN	+788



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

Recommended reading

[Autopsy report: George Floyd died from cardiopulmonary arrest, was positive for COVID-19](#)

Charlie Wiese
KSTP.com
June 3, 2020

[After Reopening Schools, Israel Orders Them To Shut If COVID-19 Cases Are Discovered](#)

Daniel Estrind
NPR
June 3, 2020

[How WHO Really Feels About China](#)

Wall Street Journal
June 3, 2020

[Post Corona: Higher Ed, Part Deux](#)

Scott Galloway
No Mercy, No Malice
May 29, 2020

[China delayed releasing coronavirus info, frustrating WHO](#)

Associated Press
June 2, 2020

[Man Behind Sweden's Controversial Virus Strategy Admits Mistakes](#)

Rafaela Lindeberg
Bloomberg
June 3, 2020

[A mysterious company's coronavirus papers in top medical journals may be unraveling](#)

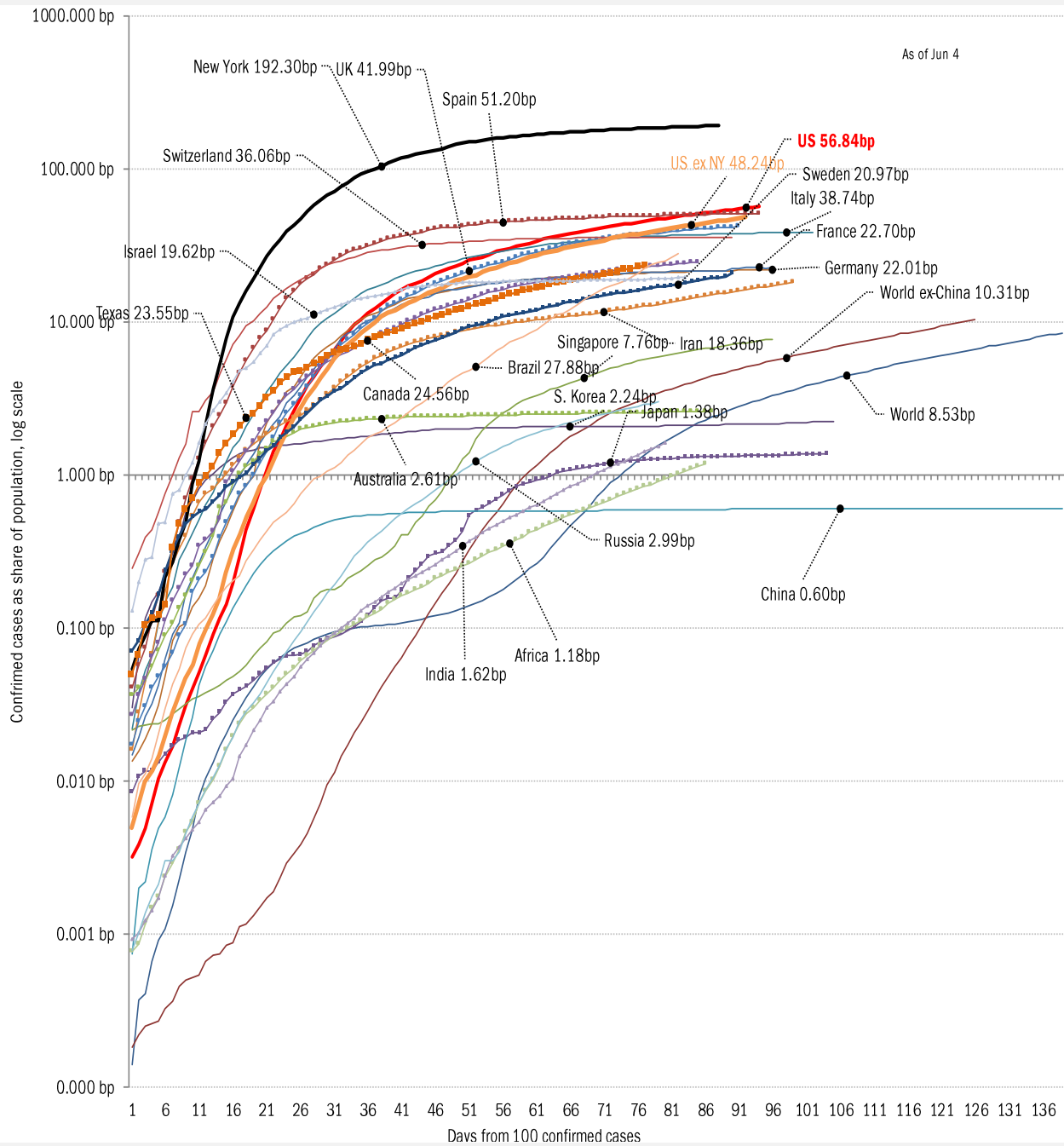
Kelly Servick, Martin Enserink
Science
June 2, 2020

Meme of the day



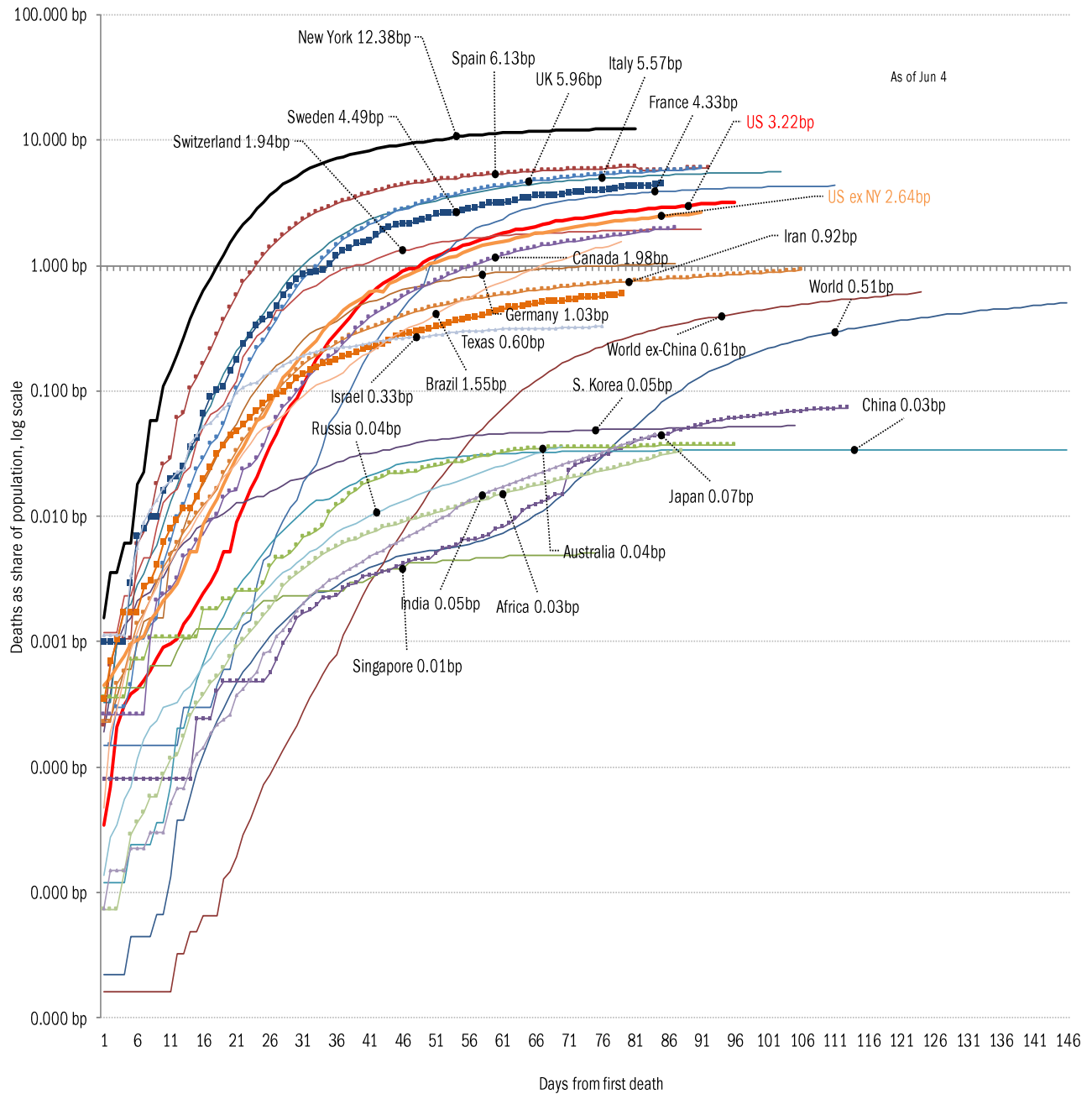
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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

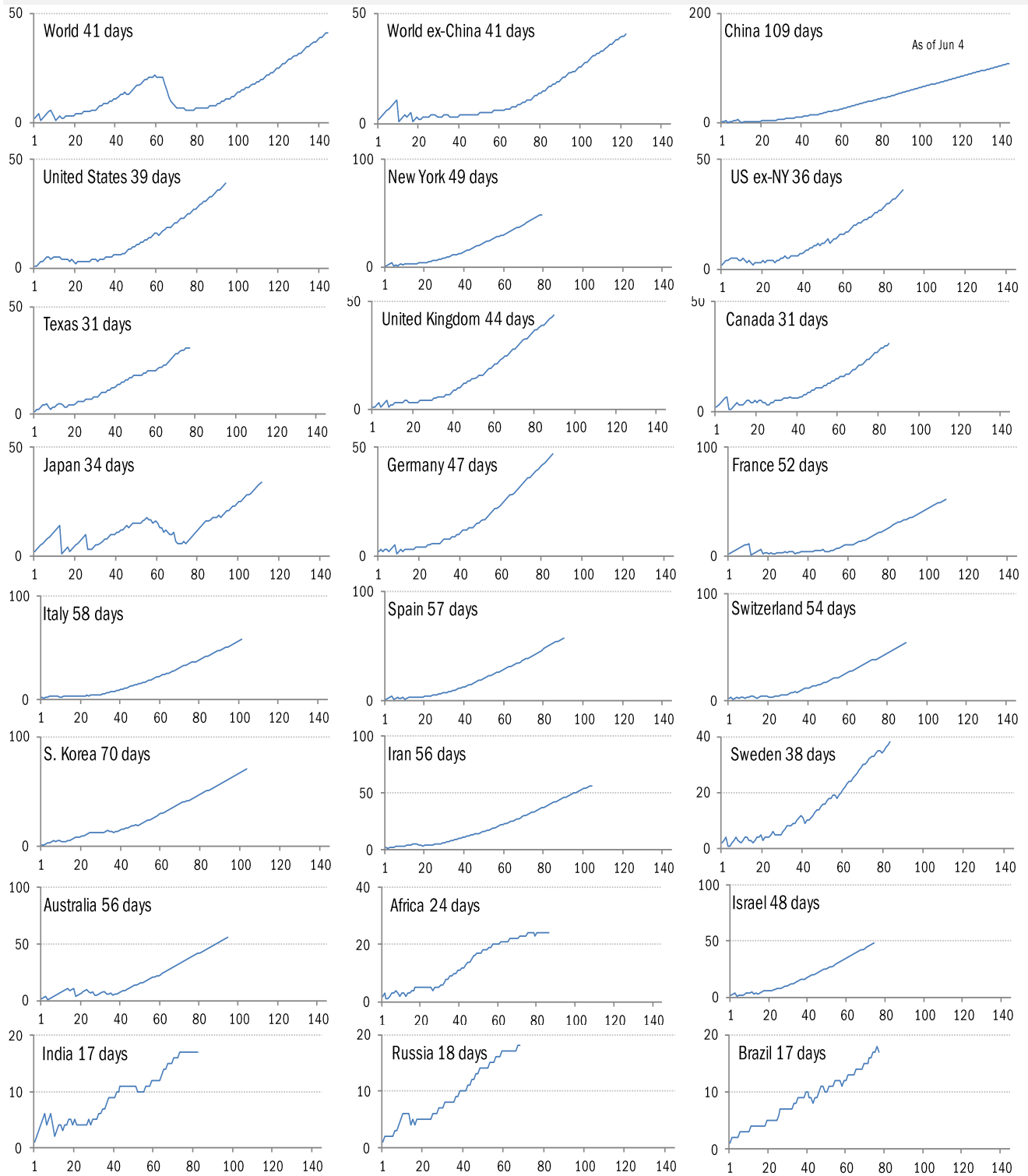
The coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

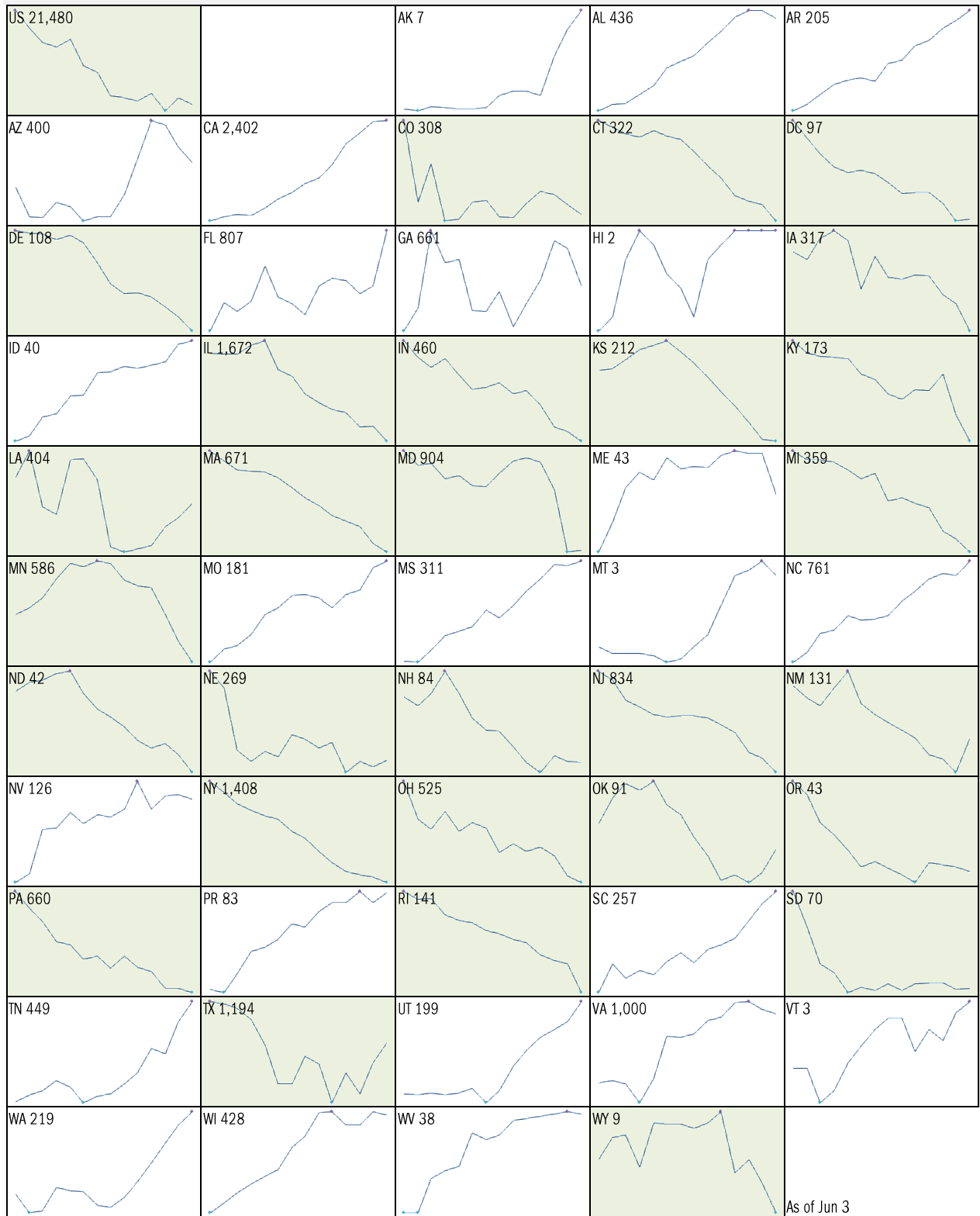
Our most reliable evidence of slowing exponential growth of Covid-2019

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



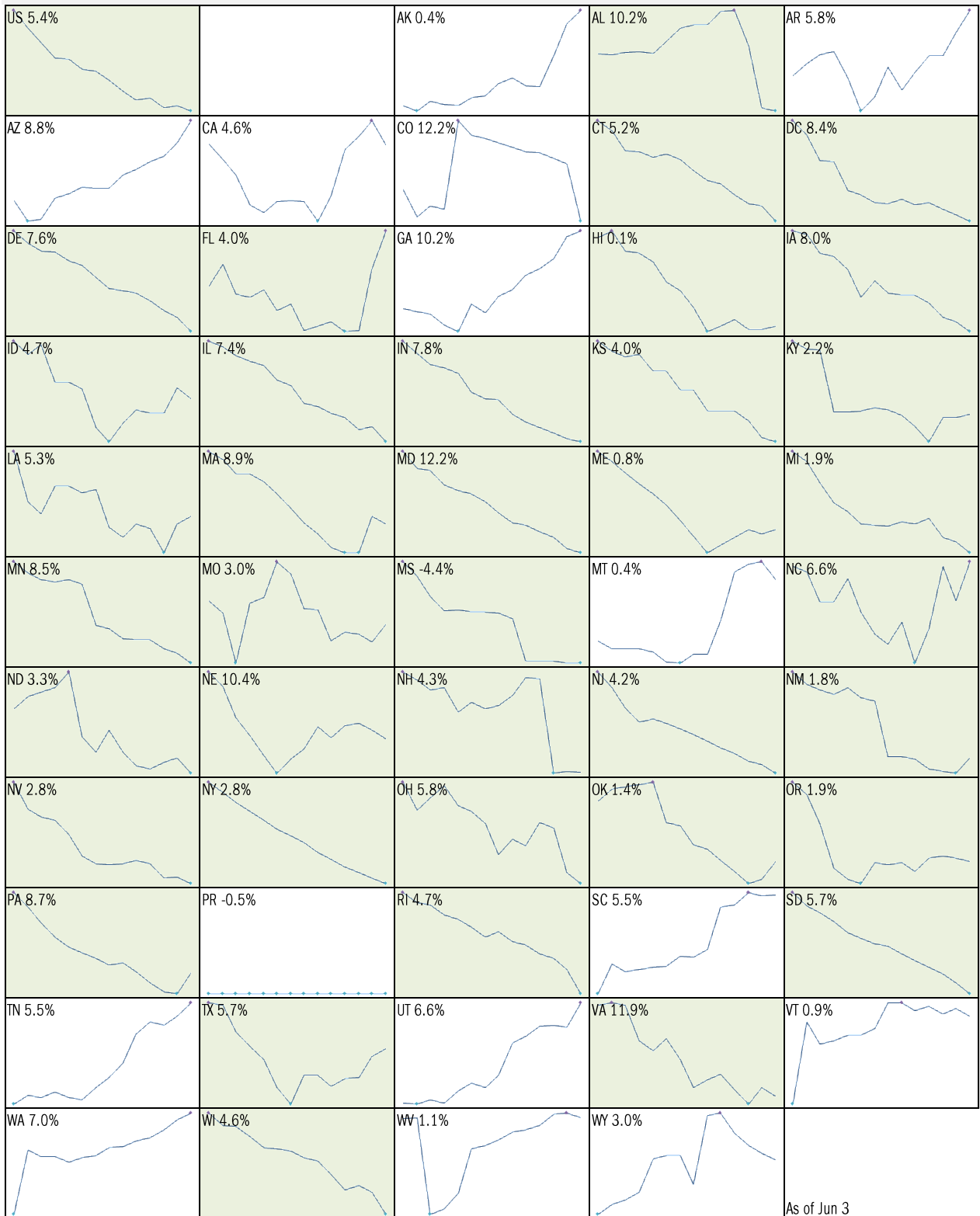
Source: [ECDC](https://ecdc.europa.eu/en), TrendMacro calculations

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



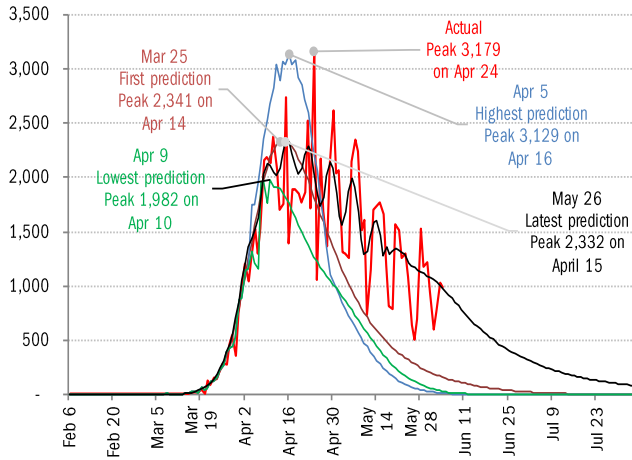
Source: [Covid Tracking Project](#), TrendMacro calculations

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

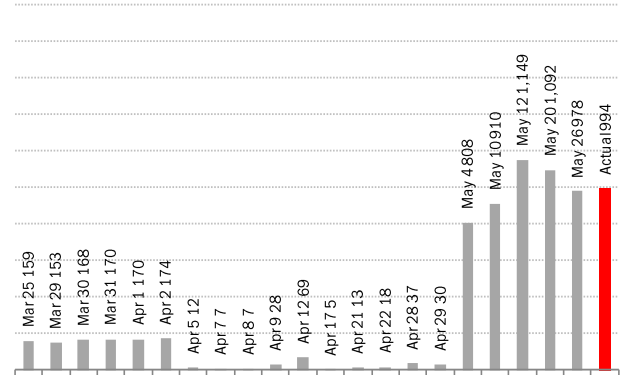
New daily fatalities

As of Jun 4

Actual versus first, highest and latest model mean predictions

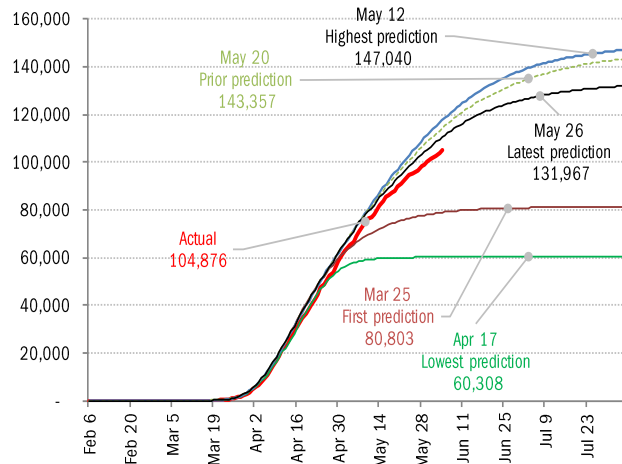


For this day, versus all model mean predictions

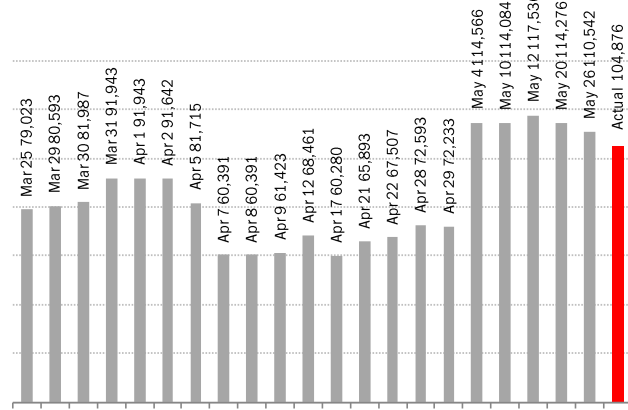


Cumulative fatalities

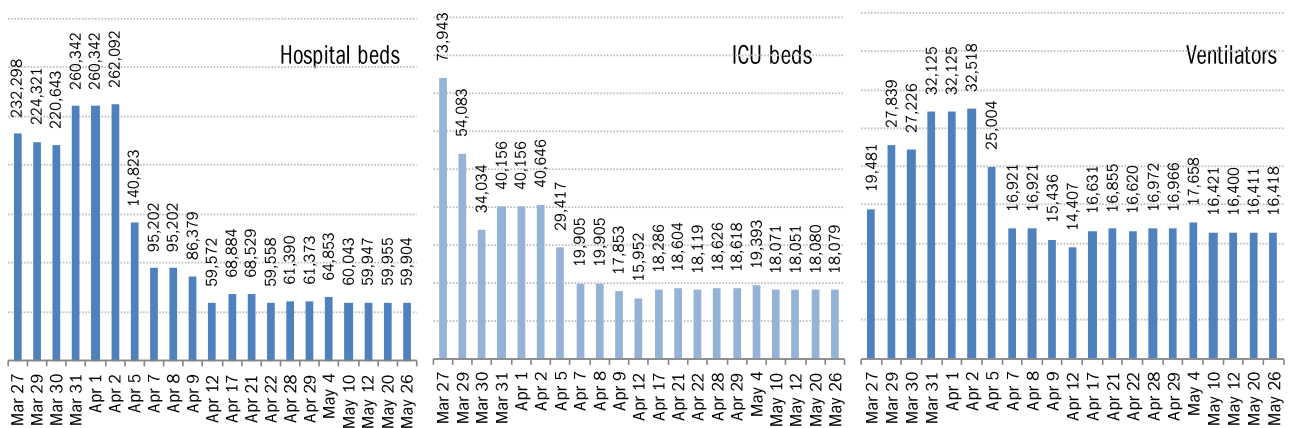
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

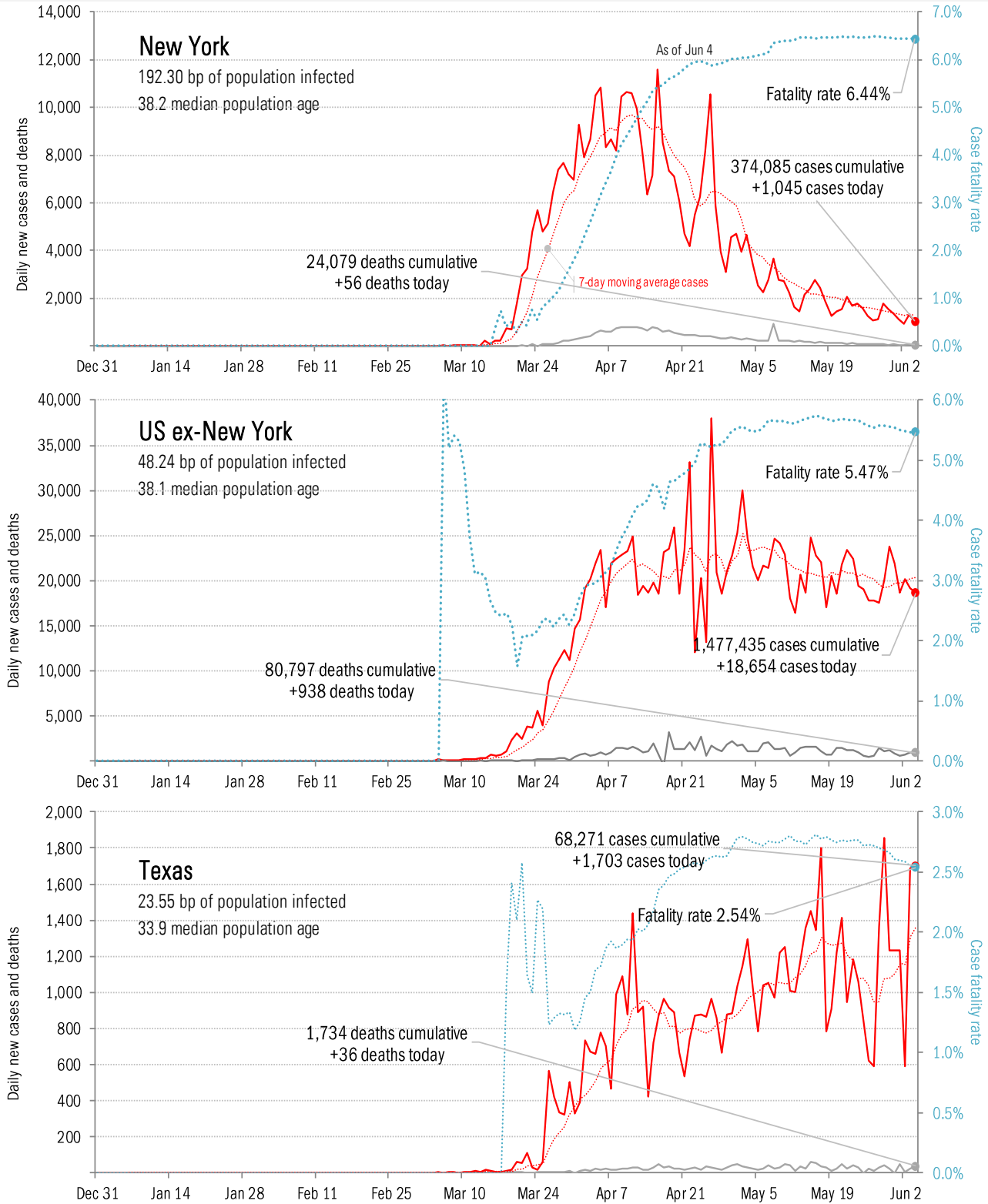


Healthcare system stress, peak estimated at each model revision



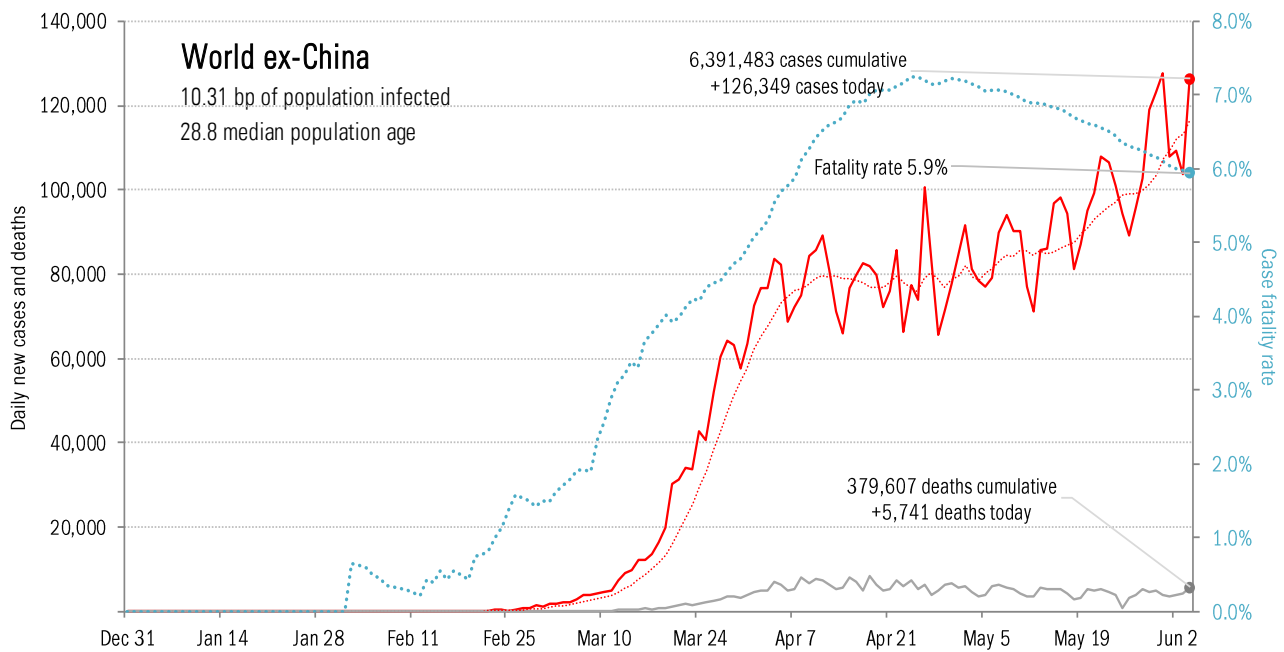
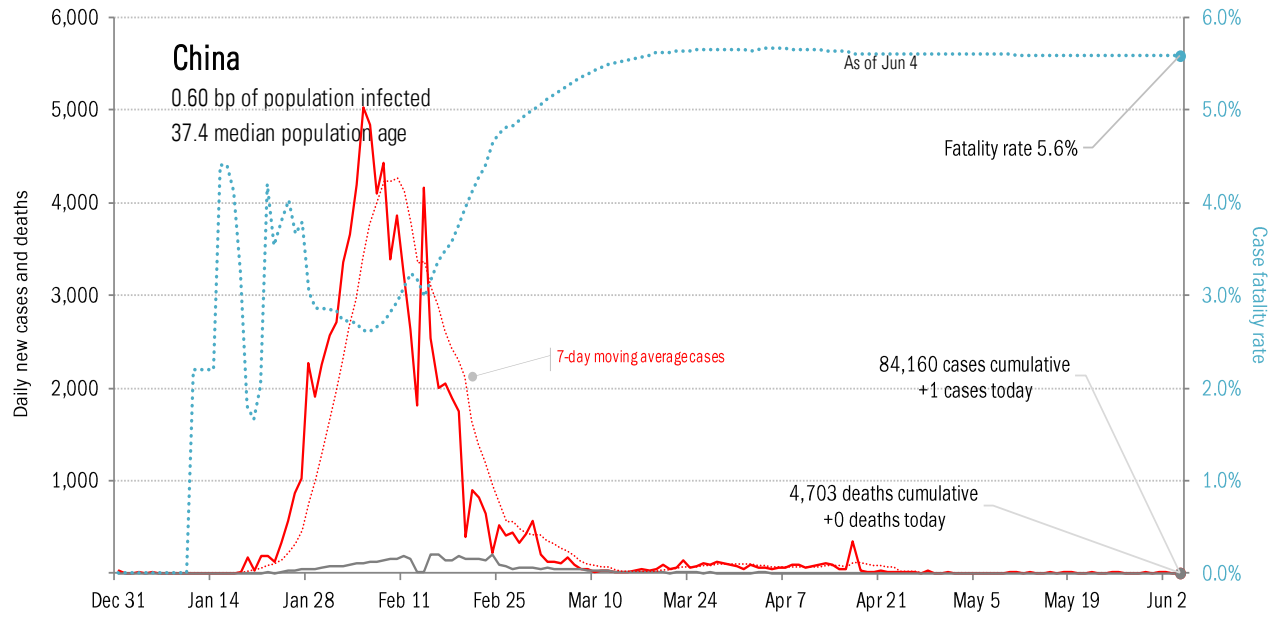
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



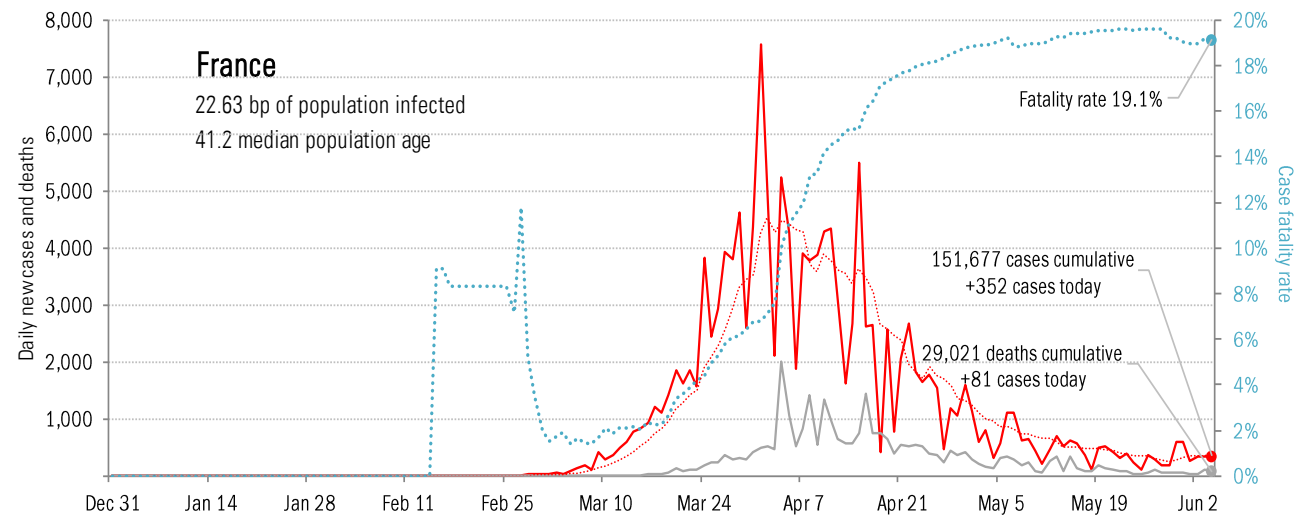
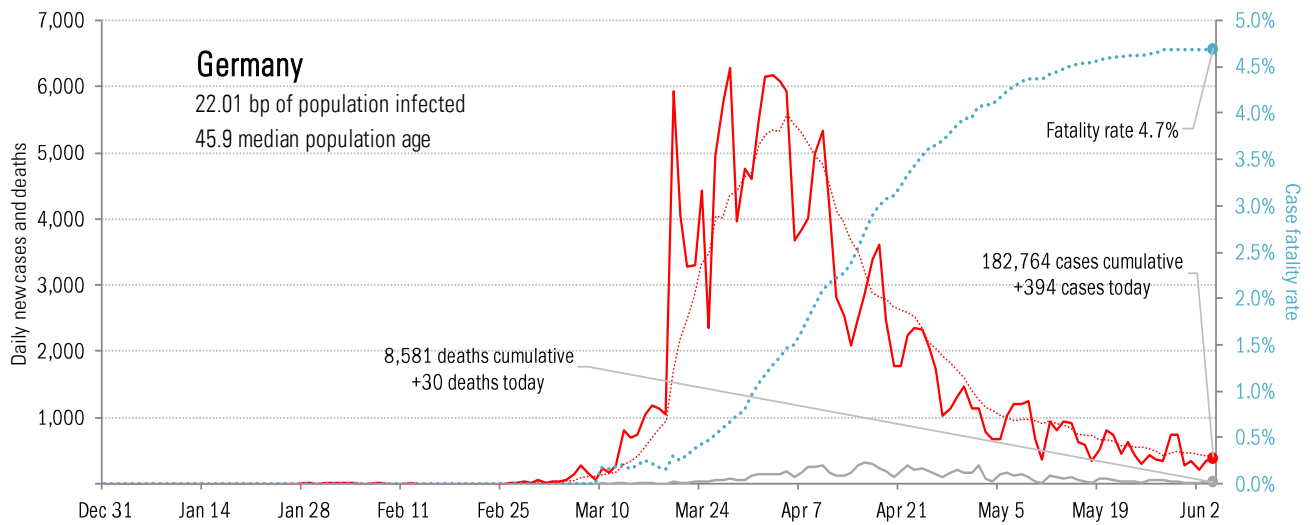
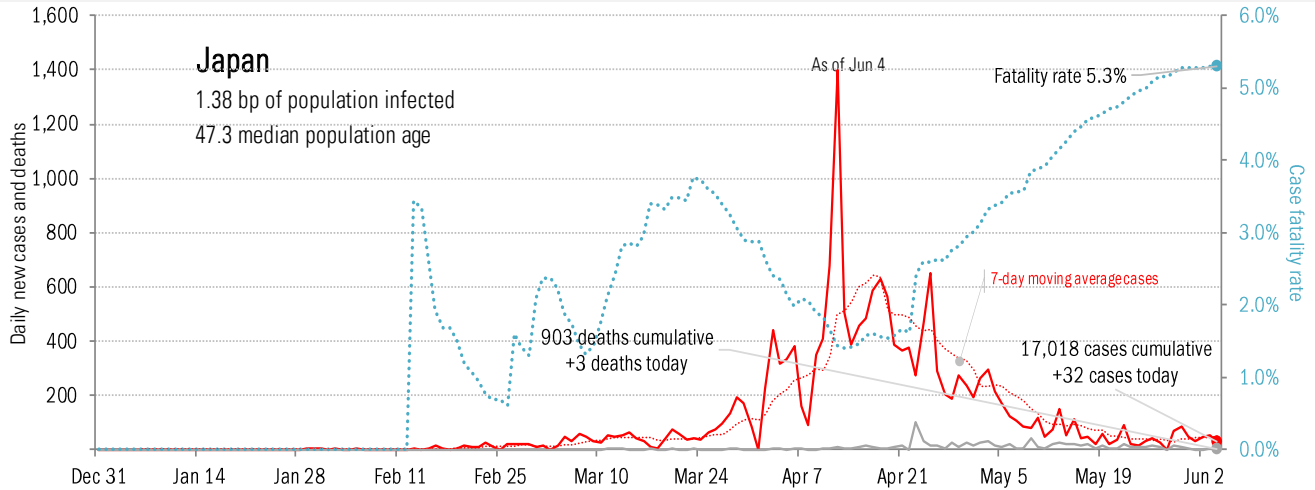
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



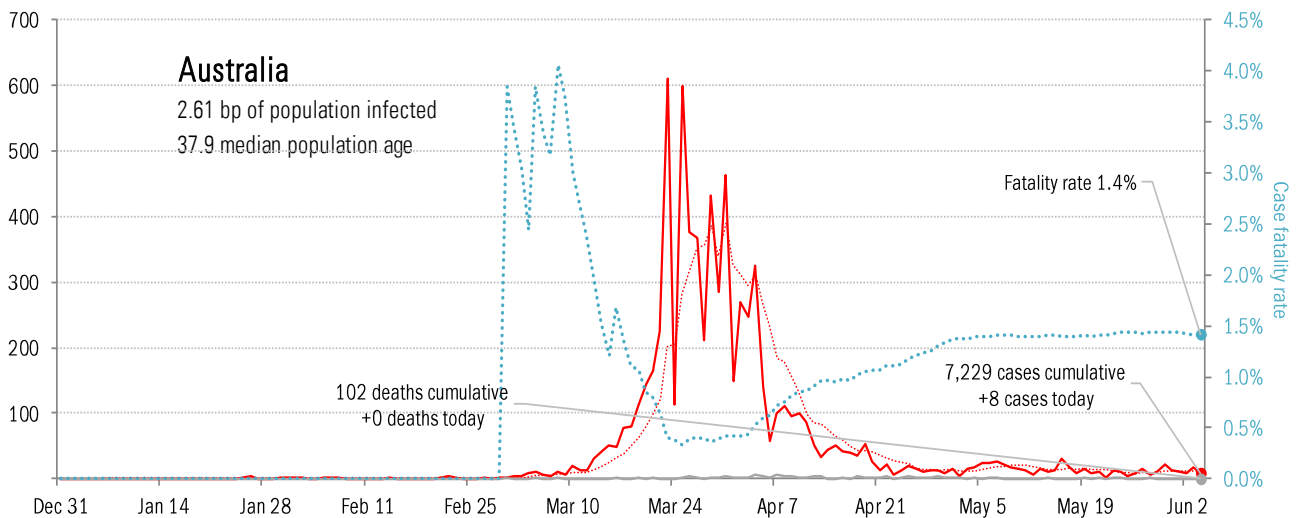
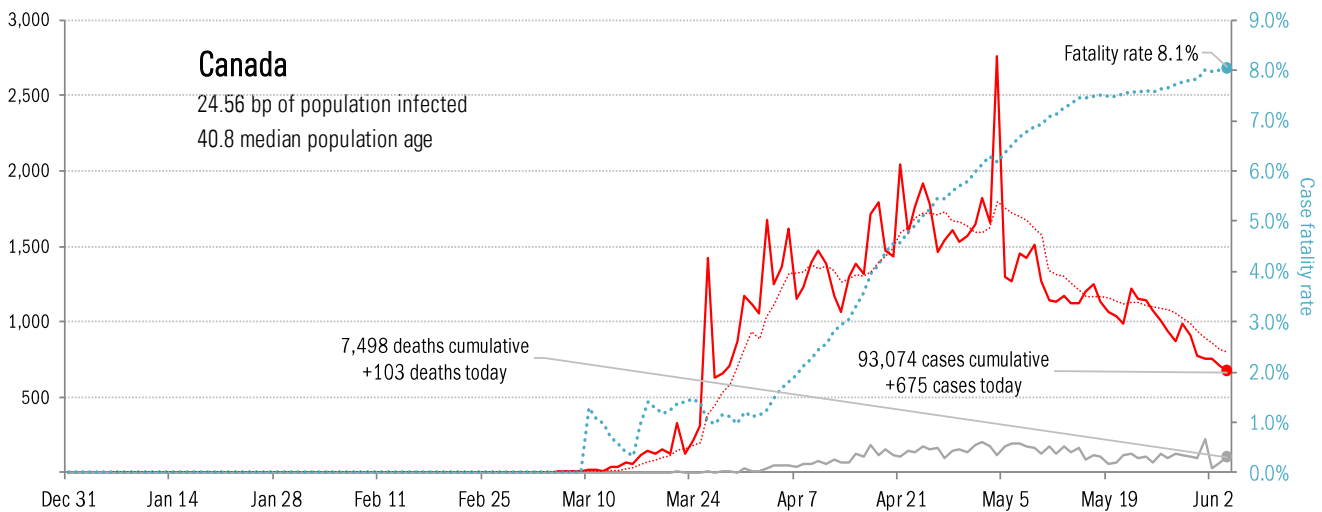
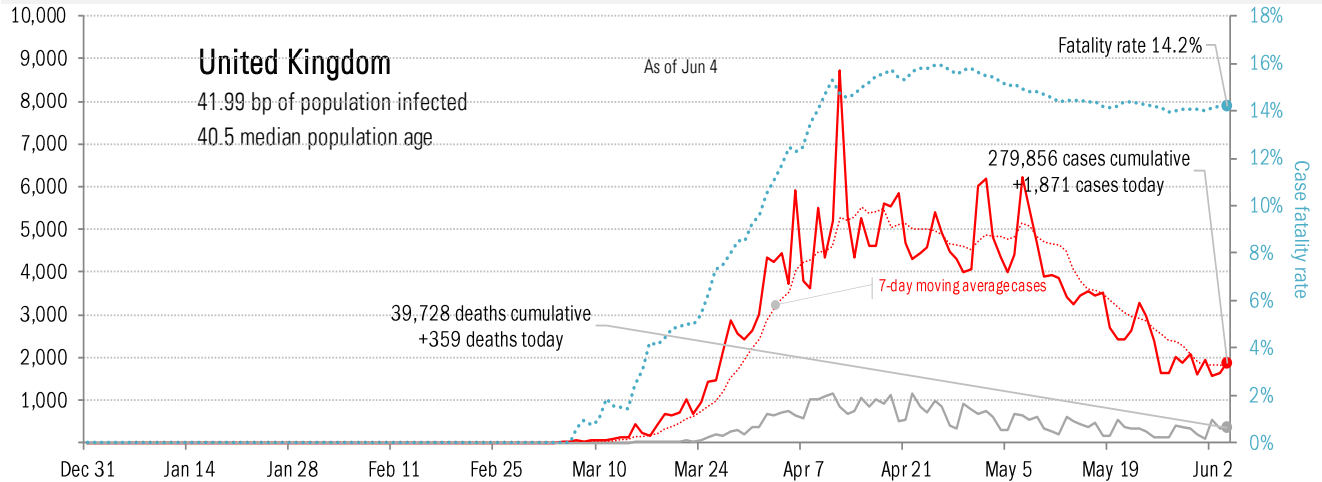
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



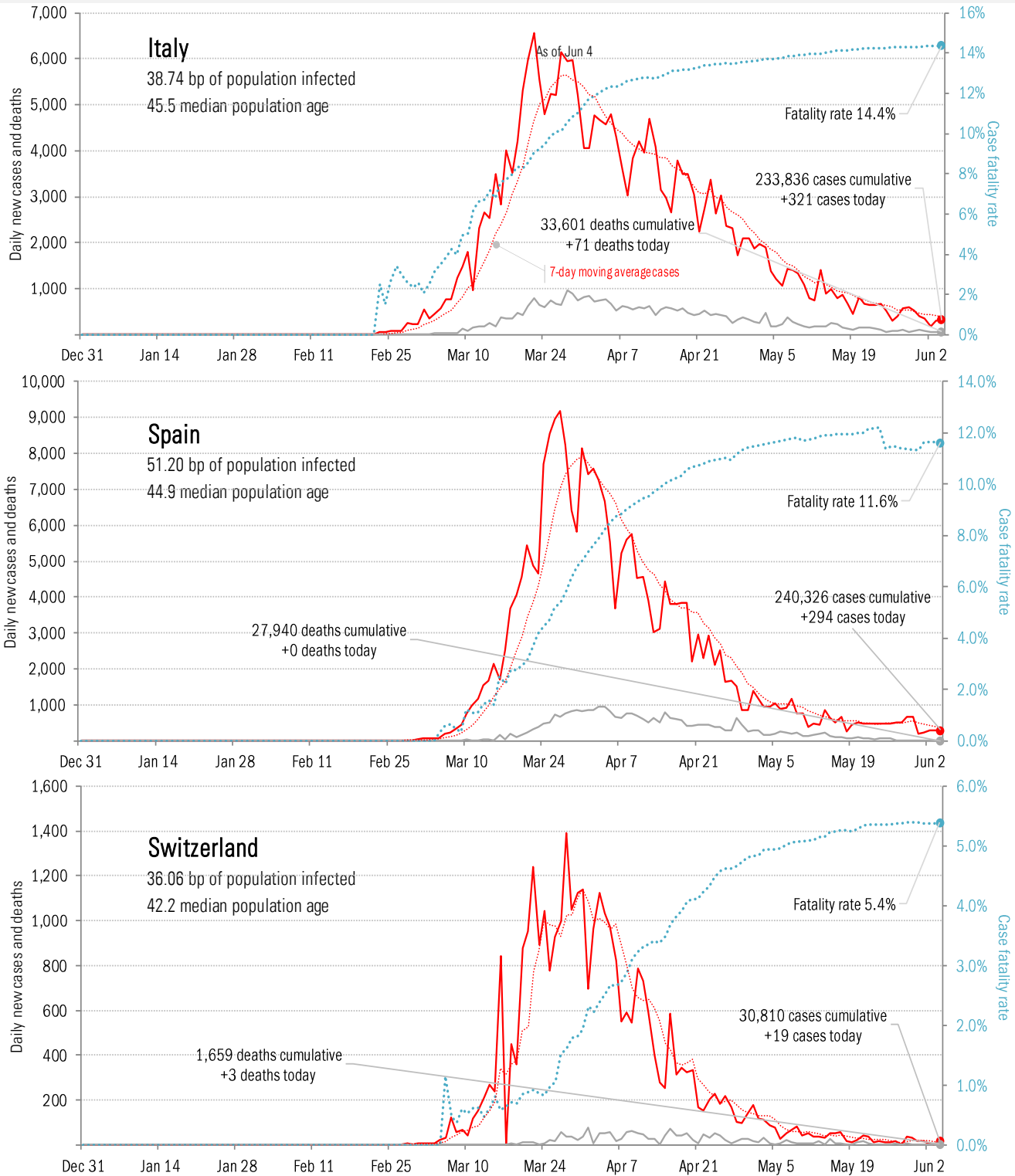
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



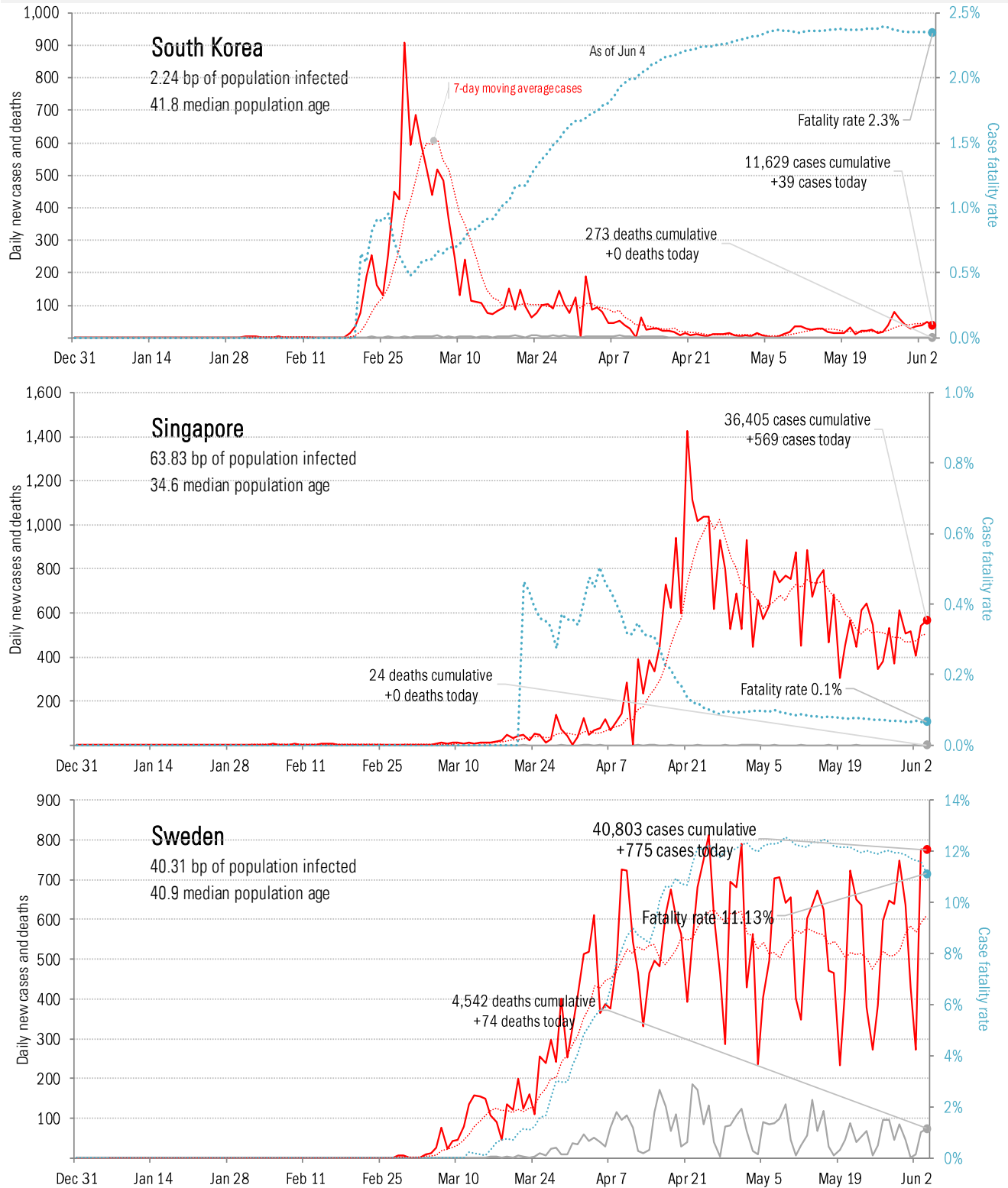
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



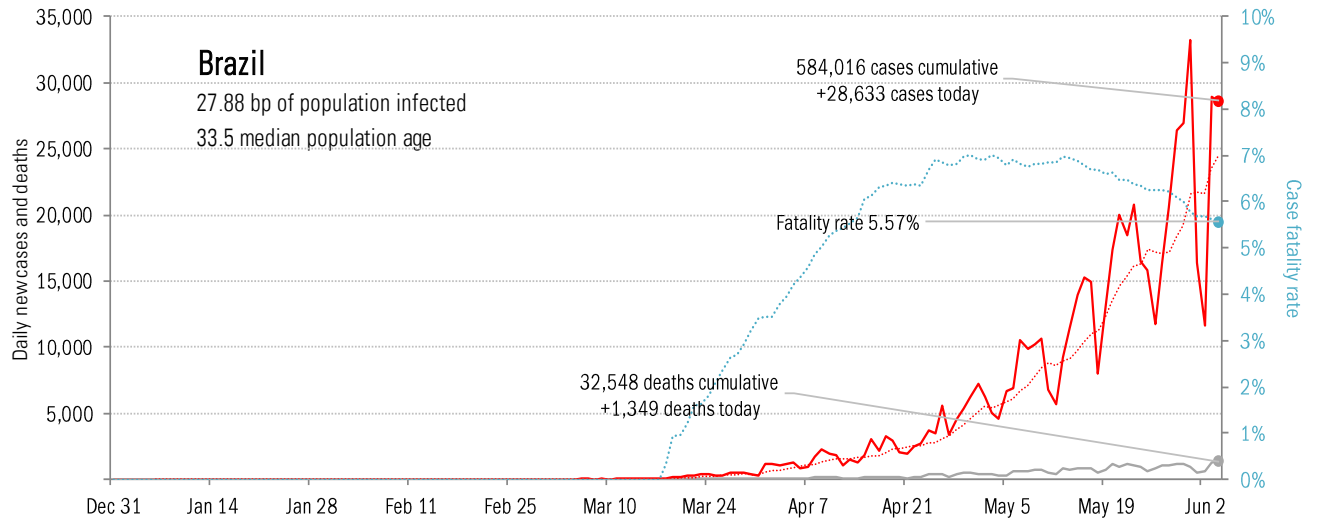
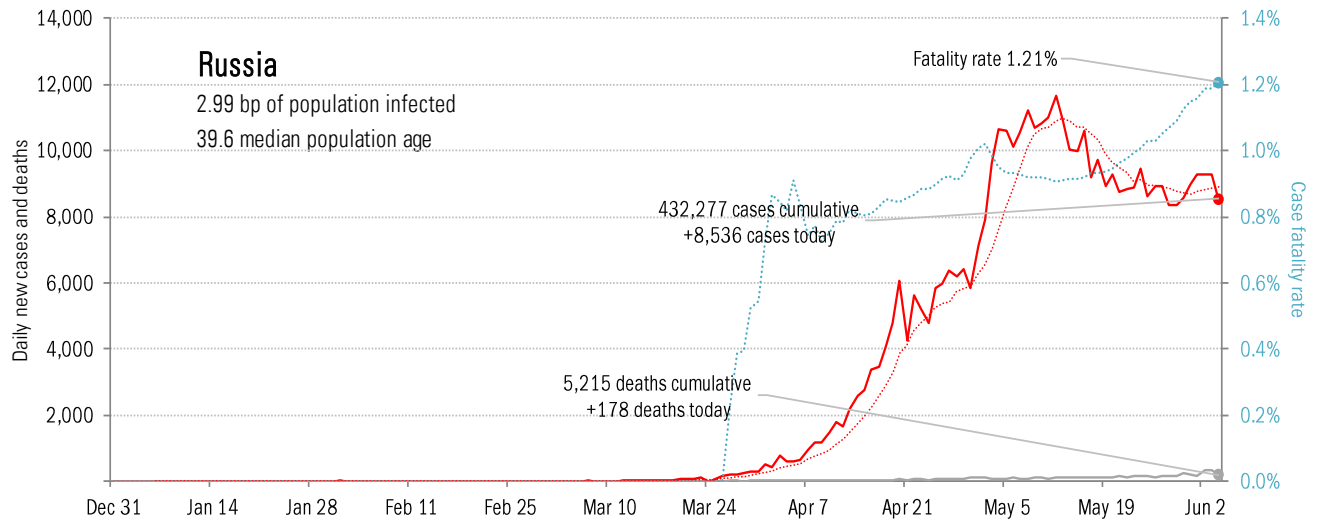
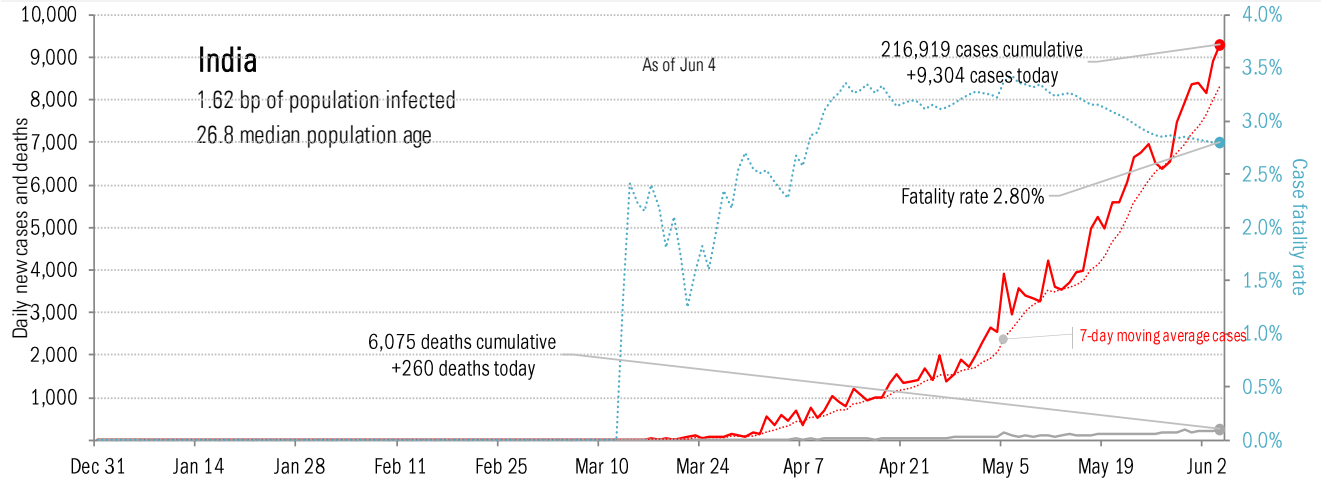
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



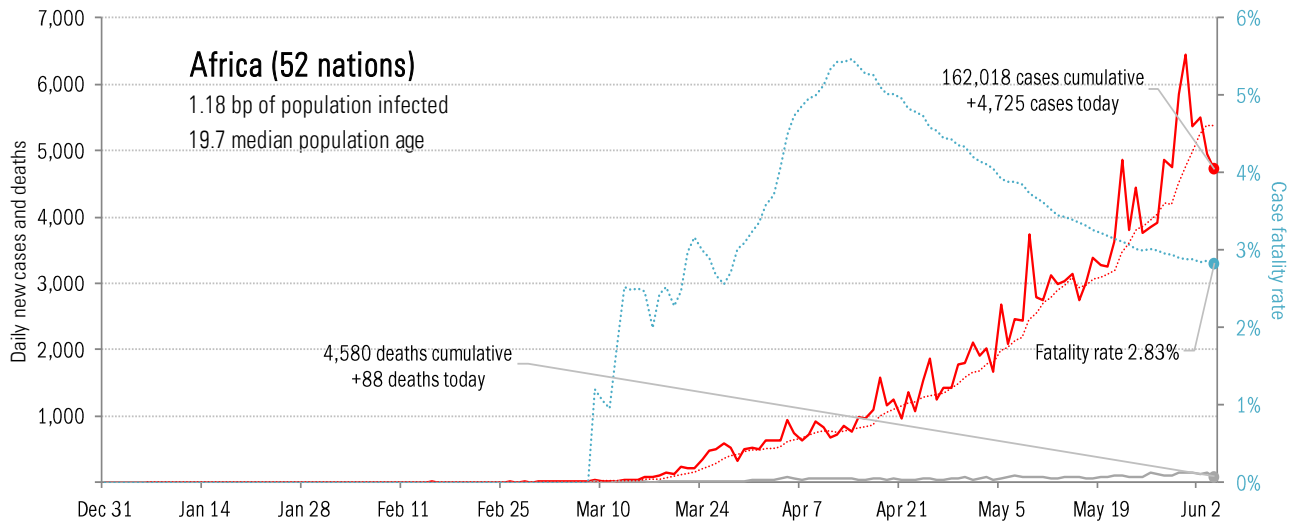
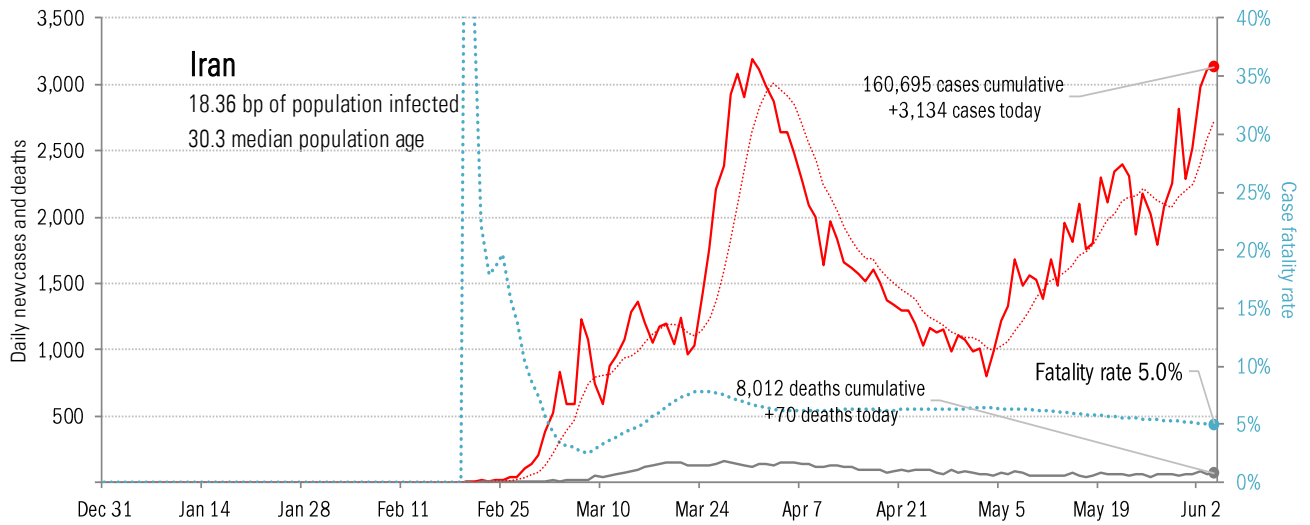
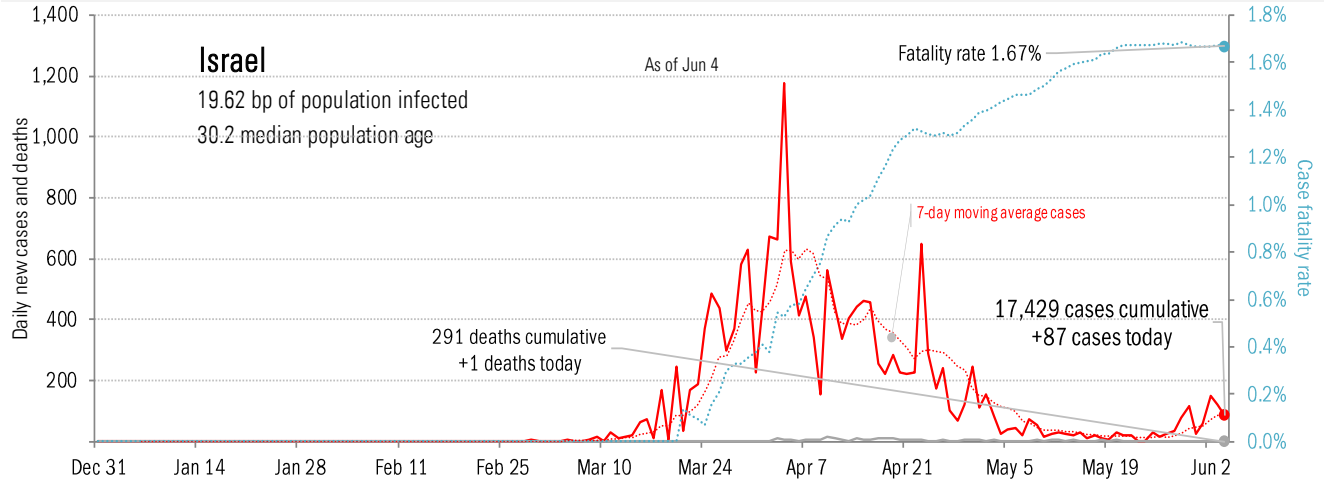
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations