

Data Insights: Covid-2019 Monitor

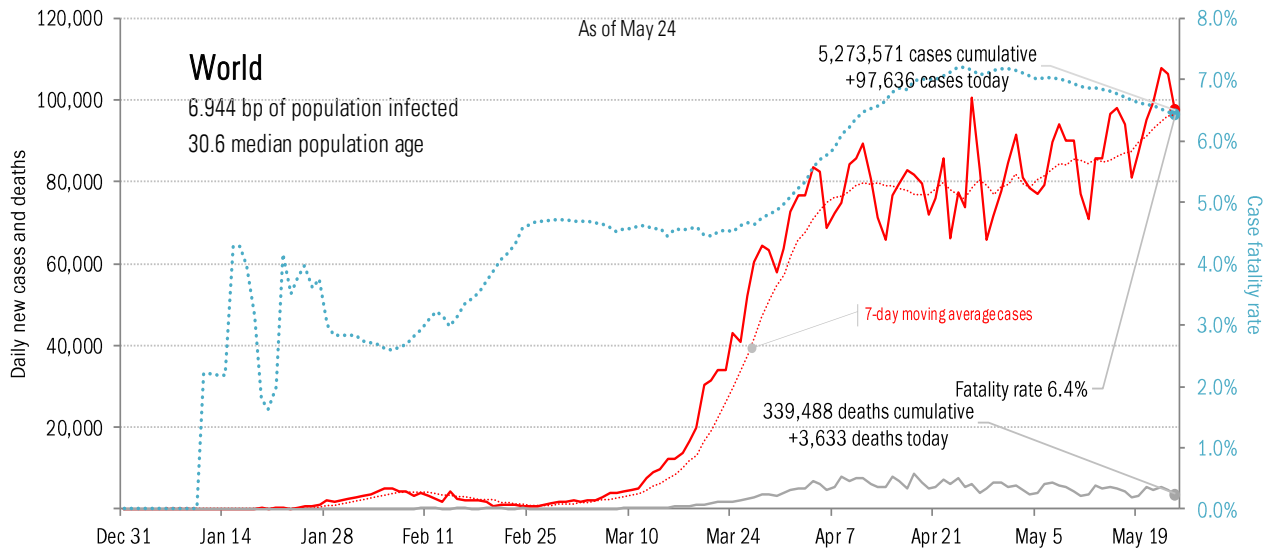
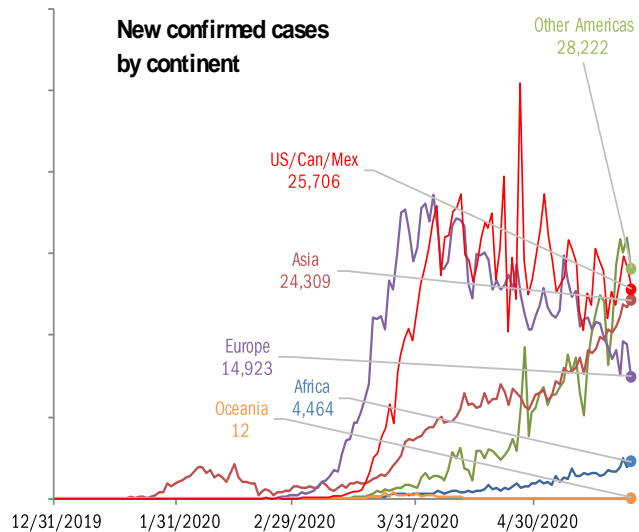
Sunday, May 24, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+21,236	US	+1,080
Brazil	+16,508	Brazil	+965
Russia	+9,434	Mexico	+190
India	+6,767	India	+147
Peru	+4,056	Russia	+139
Chile	+3,536	Peru	+129
Mexico	+3,329	Italy	+119
Saudi	+2,442	Canada	+105
Pakistan	+2,164	Sweden	+67
Bangladesh	+1,873	Iran	+59
+71,345		+3,000	
World	+97,636	World	+3,633
Top ten	73%	Top ten	83%

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

Donald Luskin: 312 273 6766 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

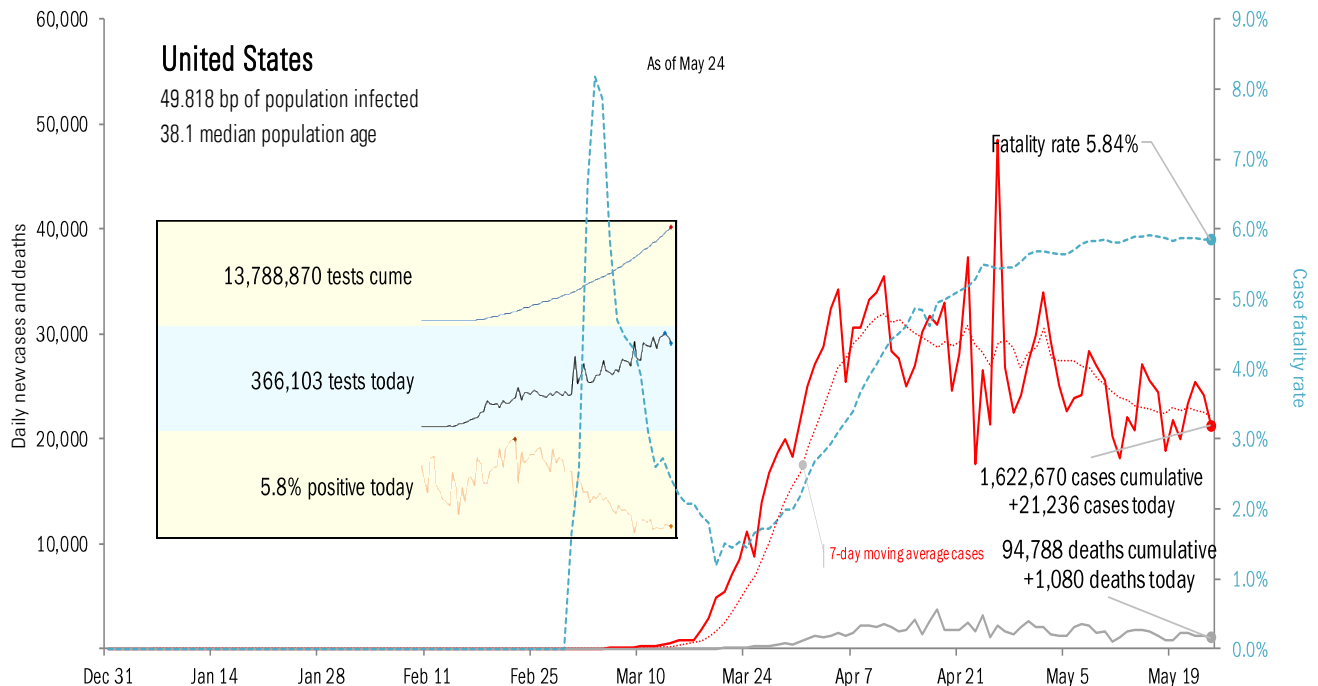
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
IL	+2,352	PA	+112	FL	+195	NY	359,926	NY	23,282	NY	77,034
CA	+2,187	NJ	+96	MD	+191	NJ	153,104	NJ	11,081	CT	12,538
NY	+1,772	NY	+87	NY	+191	IL	107,796	MA	6,304	FL	9,567
NC	+1,107	CH	+84	MN	+102	MA	91,662	MI	5,223	MA	9,260
MD	+1,071	CA	+78	GA	+98	CA	90,631	PA	5,096	MD	7,825
GA	+914	MA	+76	MA	+98	PA	66,983	IL	4,790	GA	7,411
MN	+840	IL	+75	WA	+74	MI	54,365	CA	3,708	VA	6,431
VA	+799	MI	+65	CH	+58	TX	53,449	CT	3,675	CH	5,437
MA	+773	FL	+44	AZ	+51	FL	50,127	LA	2,668	IN	5,285
PA	+725	TX	+40	CO	+45	MD	45,495	FL	2,312	CO	4,082
+12,540		+757		+1,103		1,073,538		68,139		144,870	
All states	+21,238	All states	+1,105	All states	+1,340	All states	1,613,894	All states	91,261	All states	172,037
Top ten	59%	Top ten	69%	Top ten	82%	Top ten	67%	Top ten	75%	Top ten	84%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-1,181	NJ	-46	CT	-1,592	MI	+4,934
NJ	-862	LA	-39	IN	-896	PA	+1,752
KS	-419	IL	-33	UT	-372	TX	+1,054
IL	-406	IN	-26	VA	-144	MN	+789
LA	-306	NY	-25	SC	-90	NH	+430



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

Recommended reading

[A Study on Infectivity of Asymptomatic SARS-CoV-2 Carriers](#)

Ming Gao et al.
PubMed
May 13, 2020

[We have to reopen — for our health](#)

Alex M. Azar II
Washington Post
May 21, 2020

[Cuomo attempts to deflect blame of deadly nursing home coronavirus debacle on to Trump](#)

Marisa Schultz
Fox News
May 23, 2020

Meme of the day

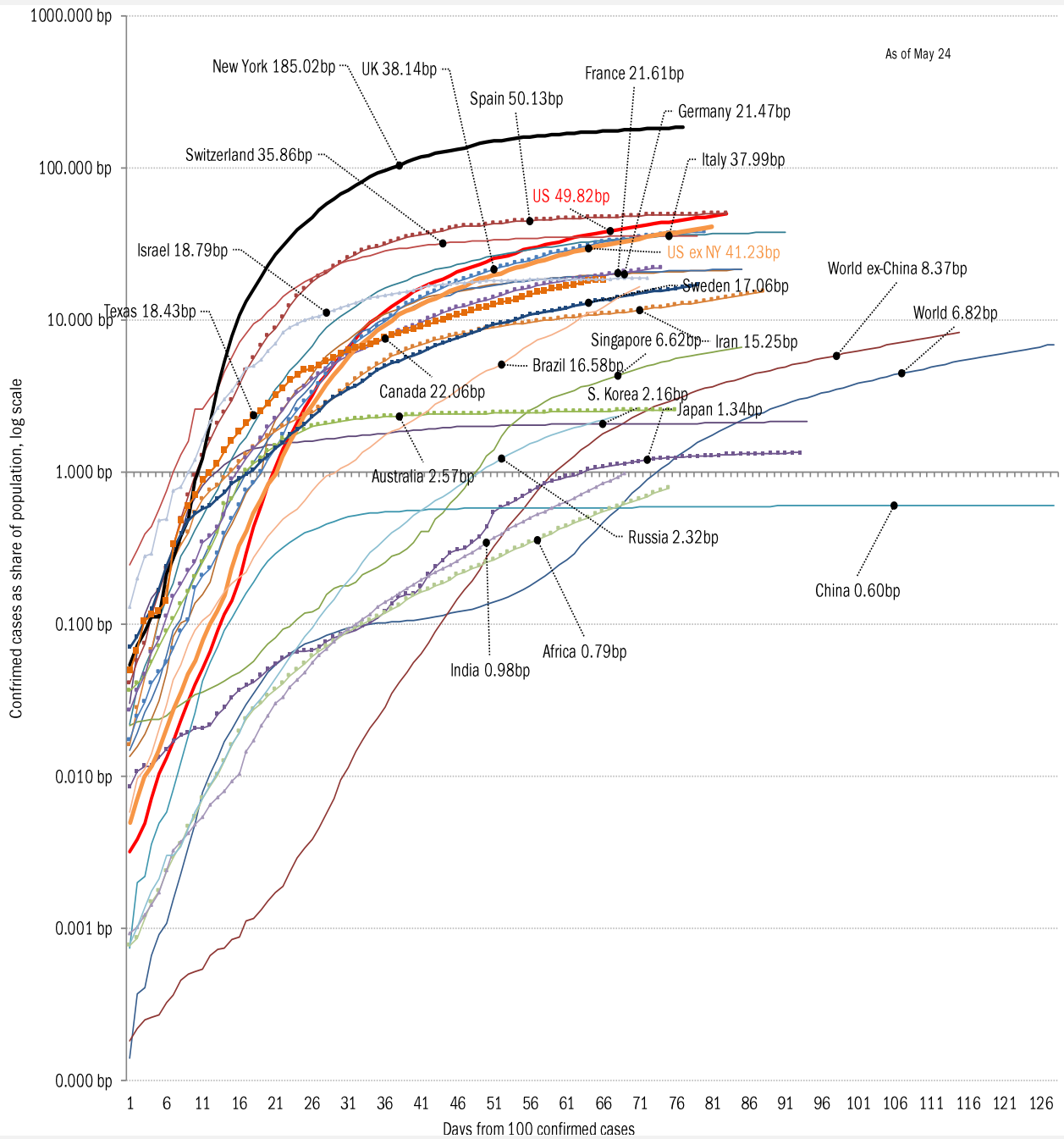


1,205 likes

d.sawa After crushing a Hydroxychloroquine tab and snorting it directly to the head, Trumps been up 87 hours and won't leave the club and won't get off the tech twelves.

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

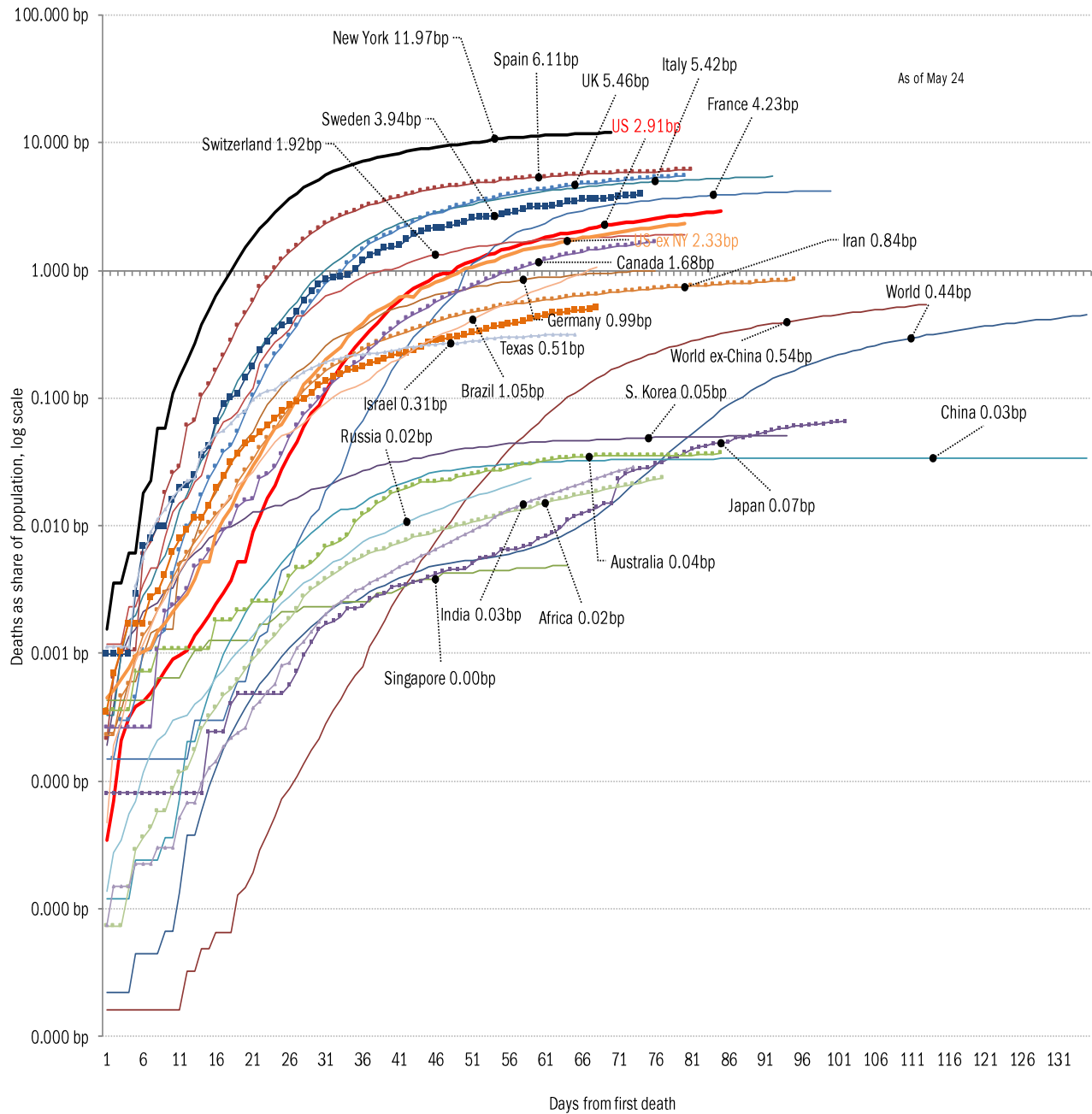
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

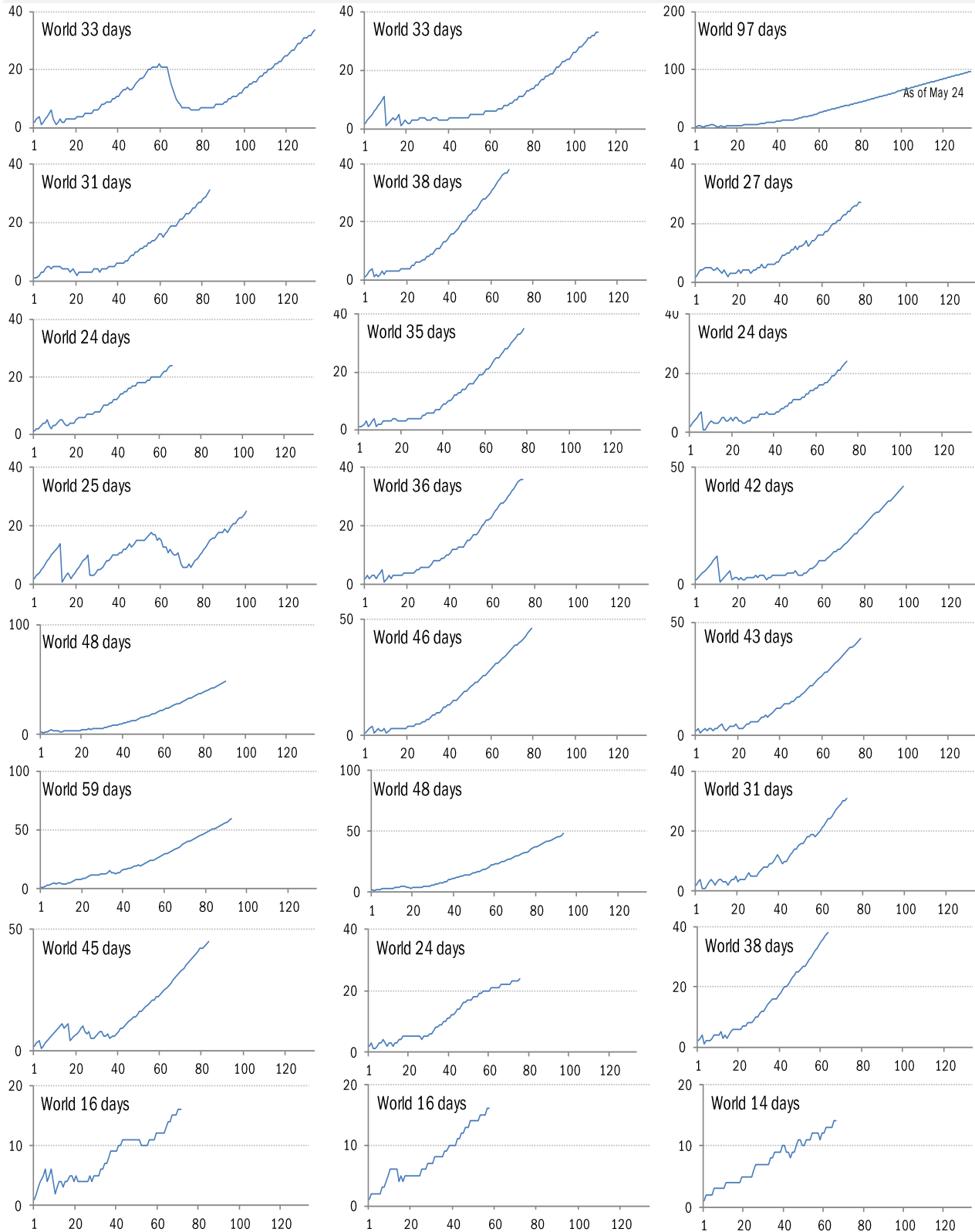
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

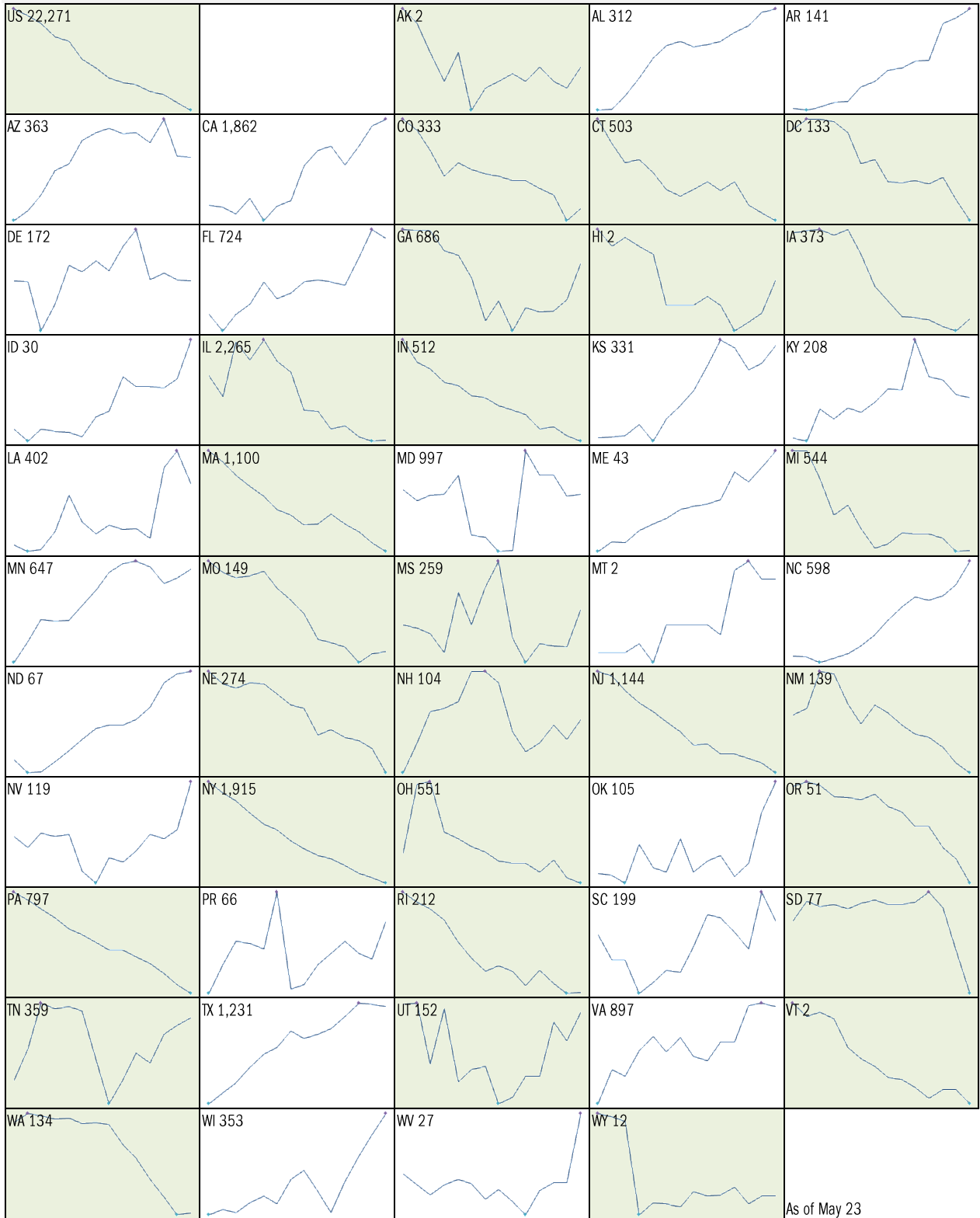
Our most reliable evidence of slowing exponential growth of Covid-2019

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



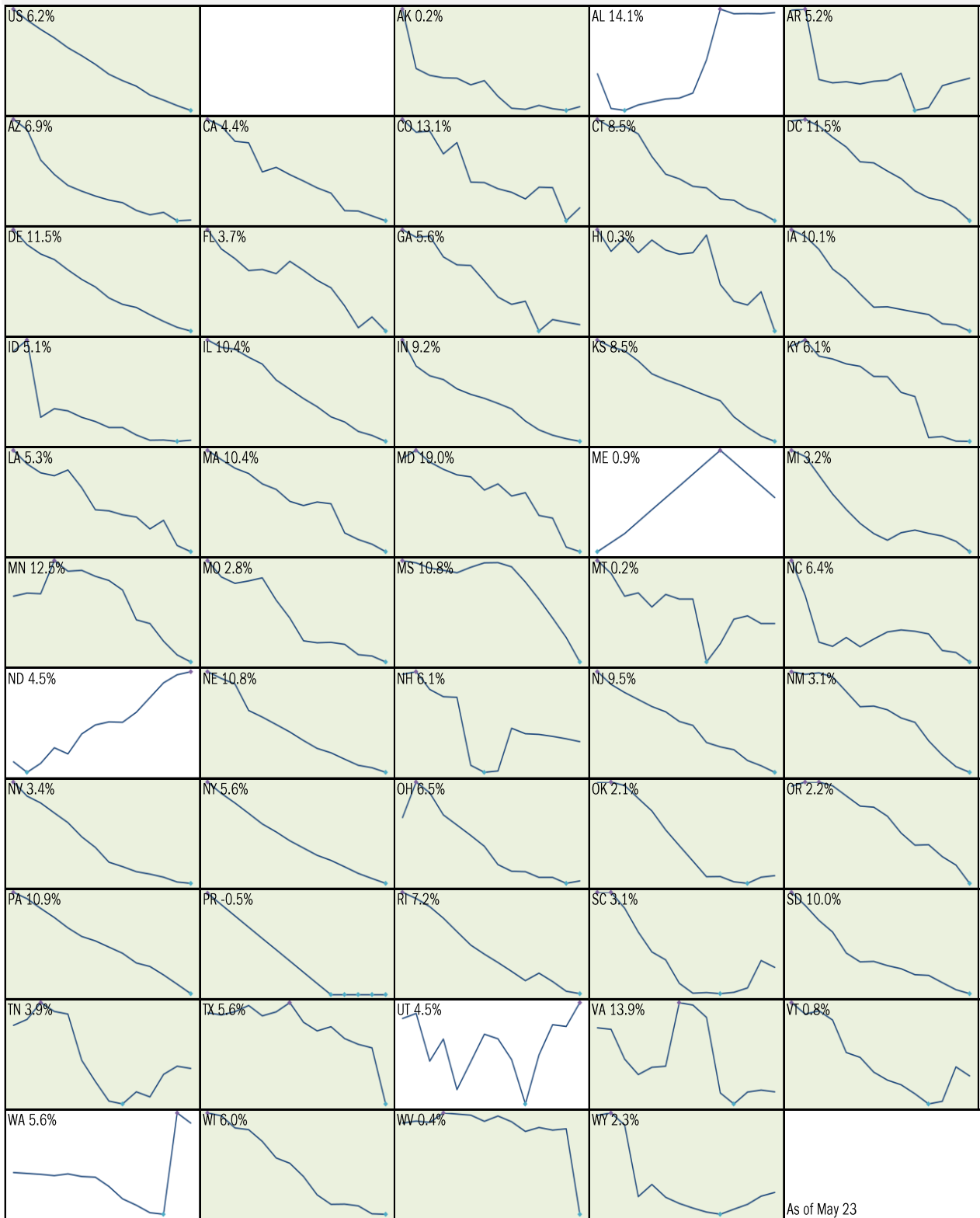
Source: [ECDC](#), TrendMacro calculations

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



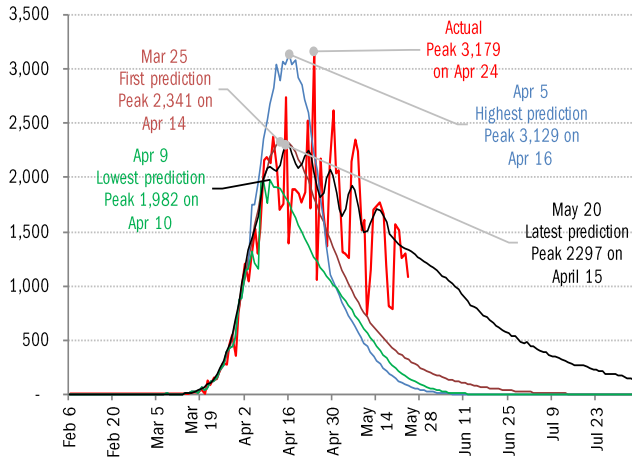
Source: [Covid Tracking Project](#), TrendMacro calculations

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

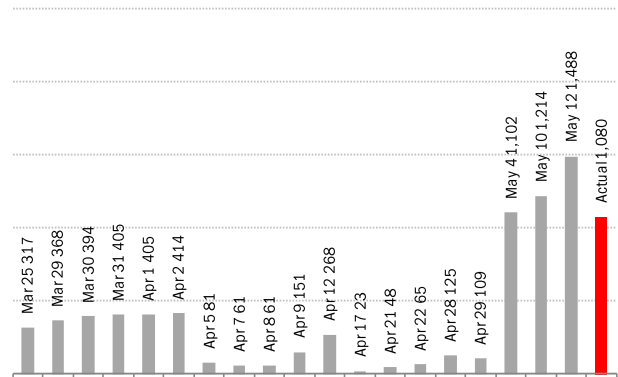
New daily fatalities

As of May 24

Actual versus first, highest and latest model mean predictions

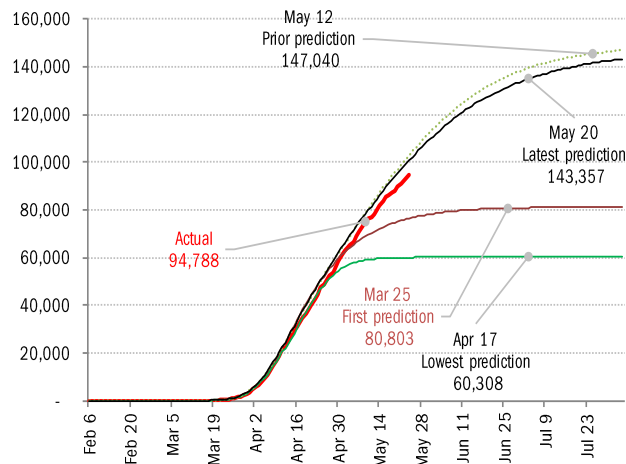


For this day, versus all model mean predictions

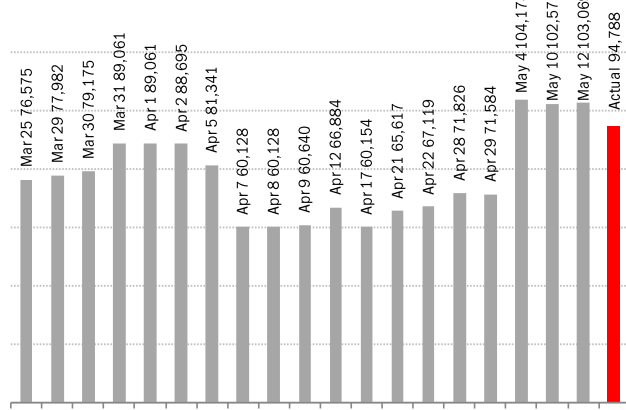


Cumulative fatalities

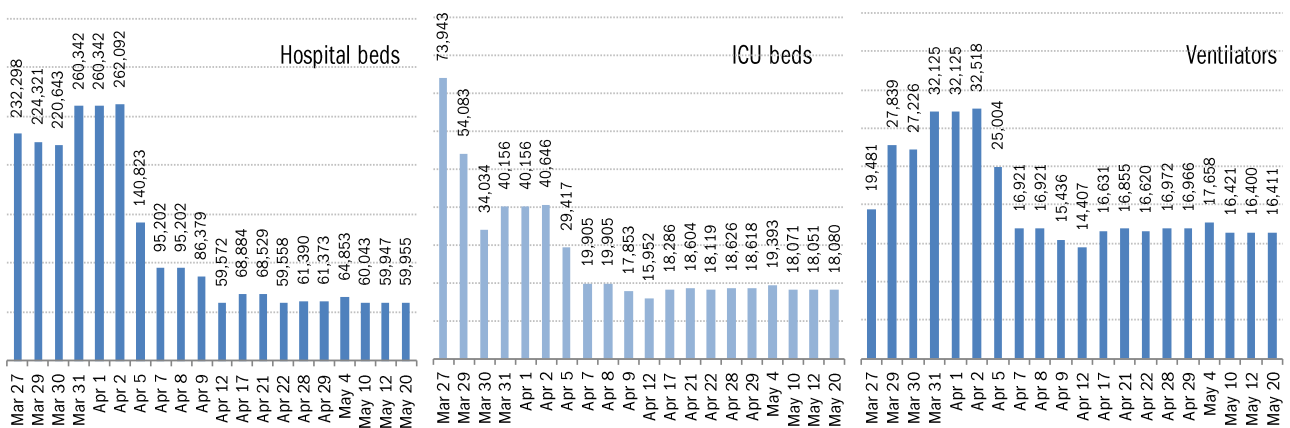
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

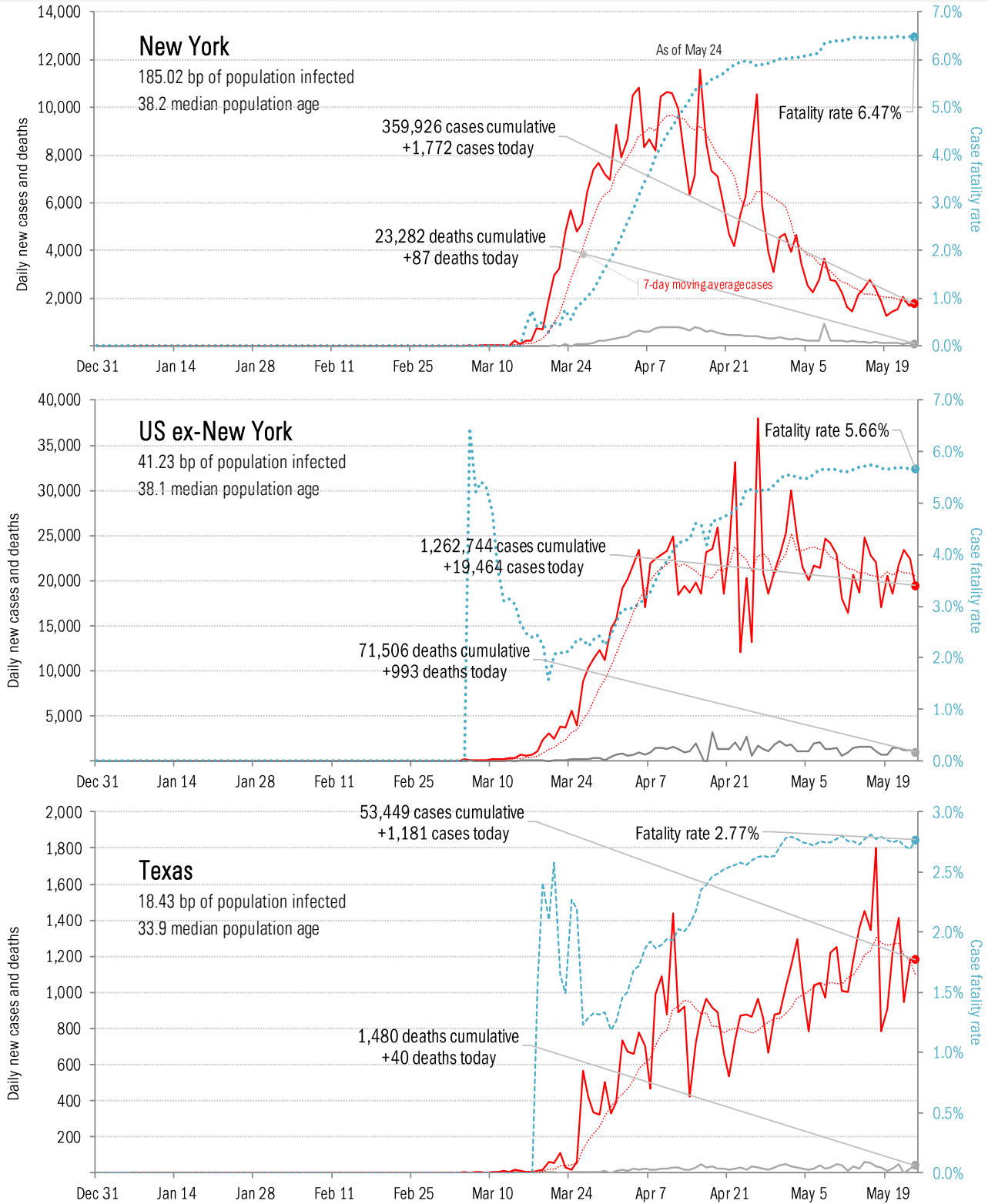


Healthcare system stress, peak estimated at each model revision



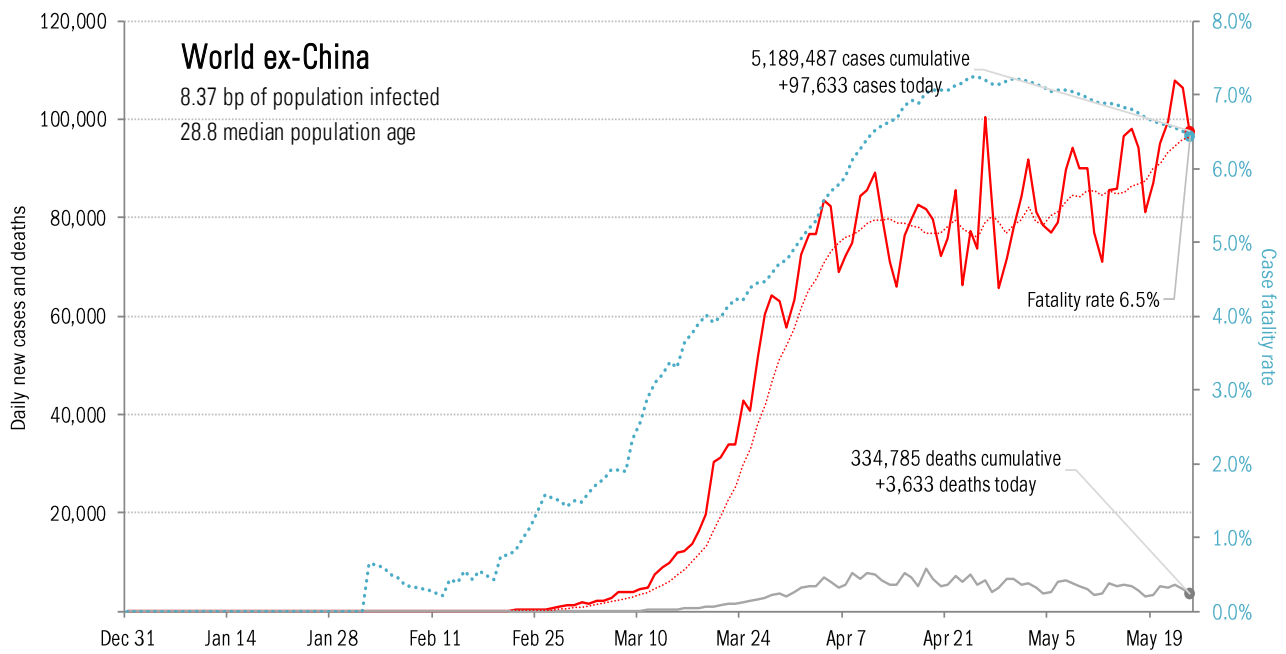
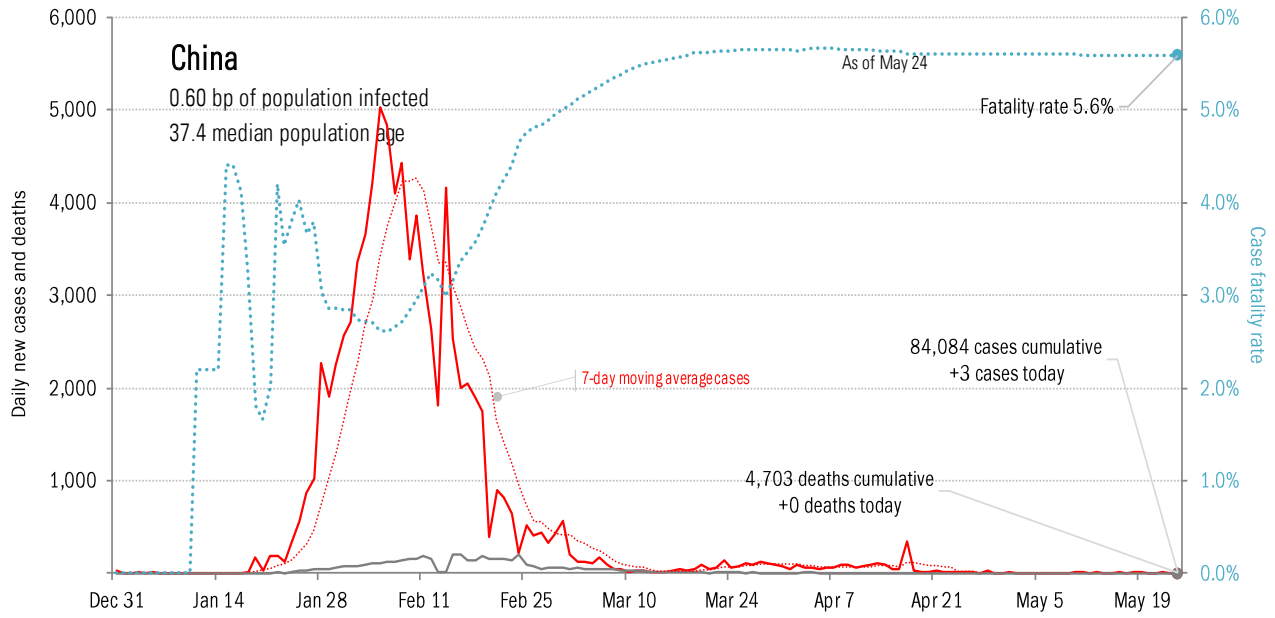
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



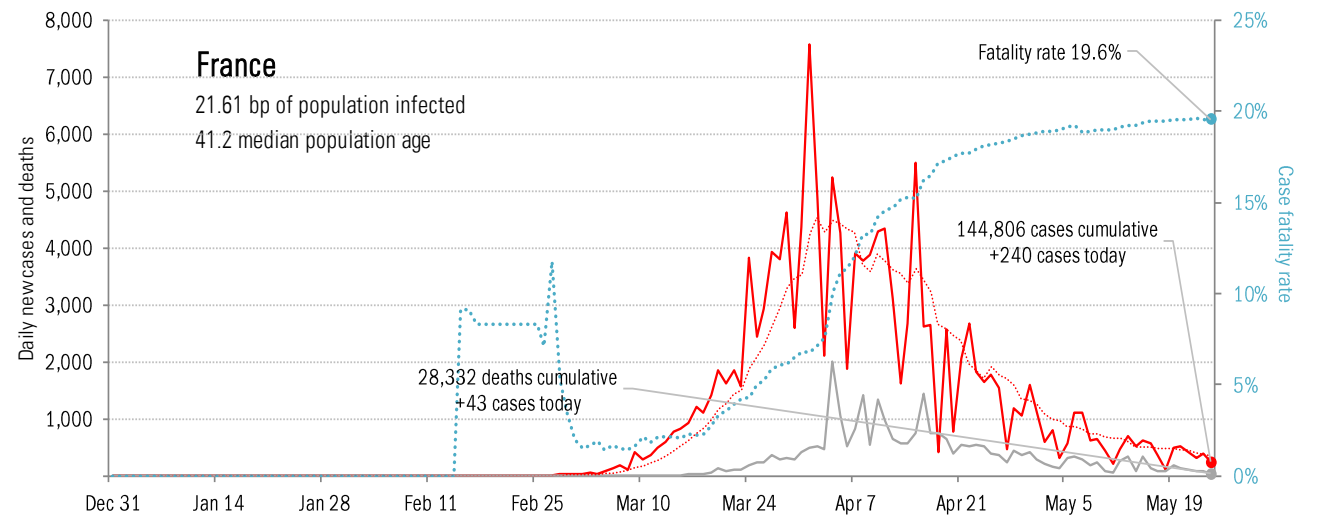
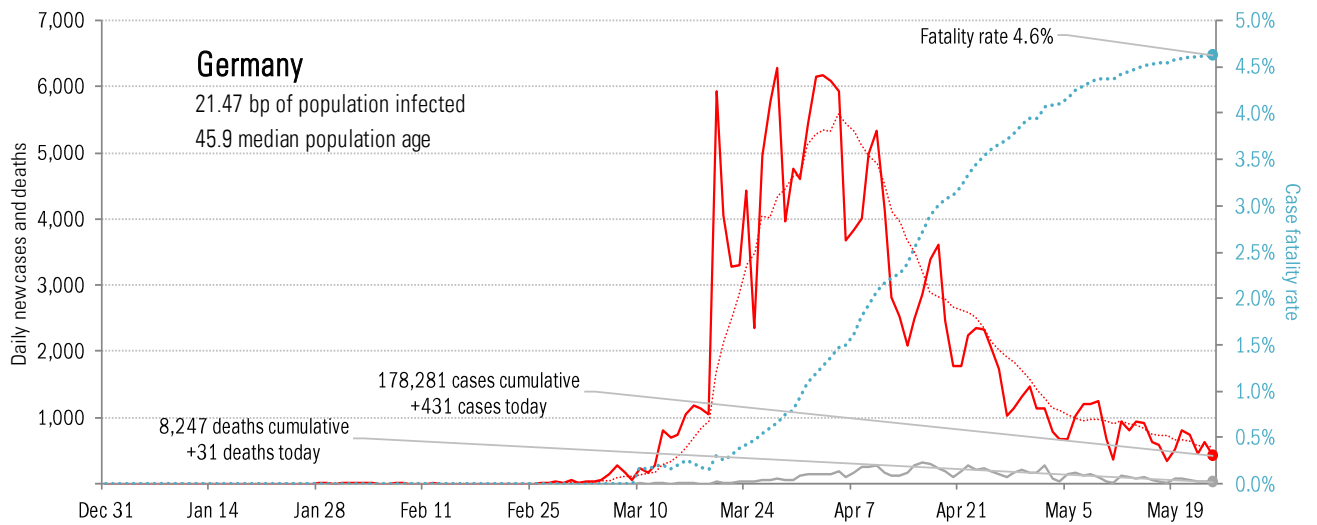
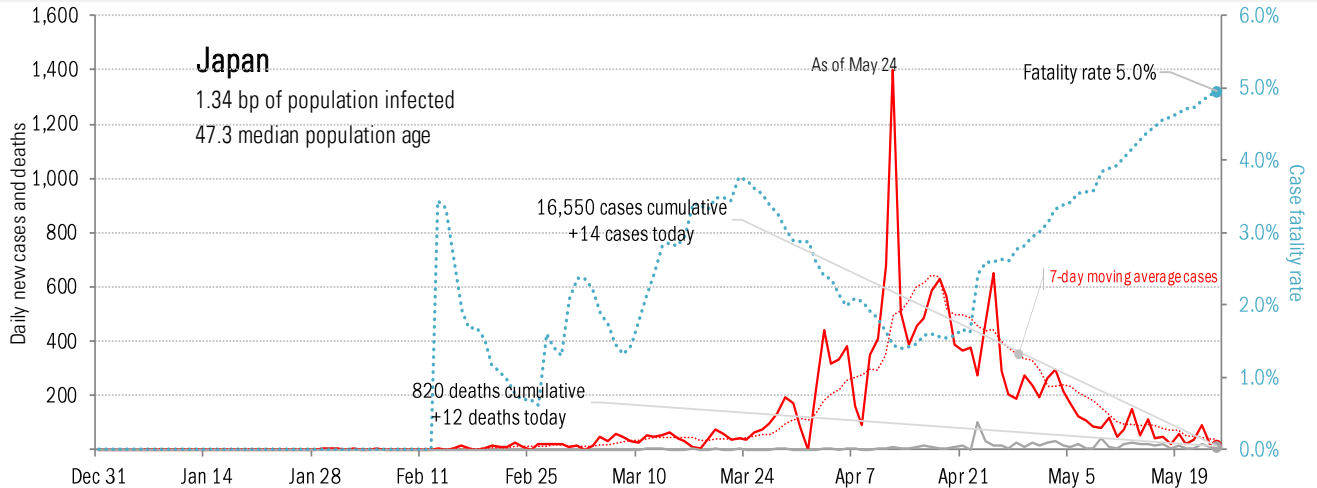
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



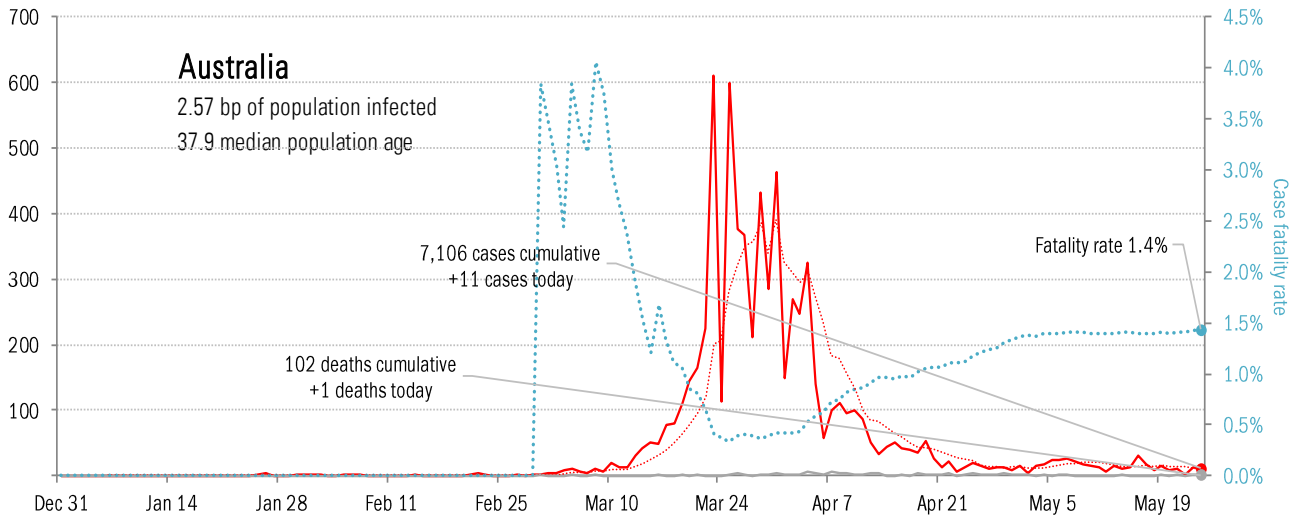
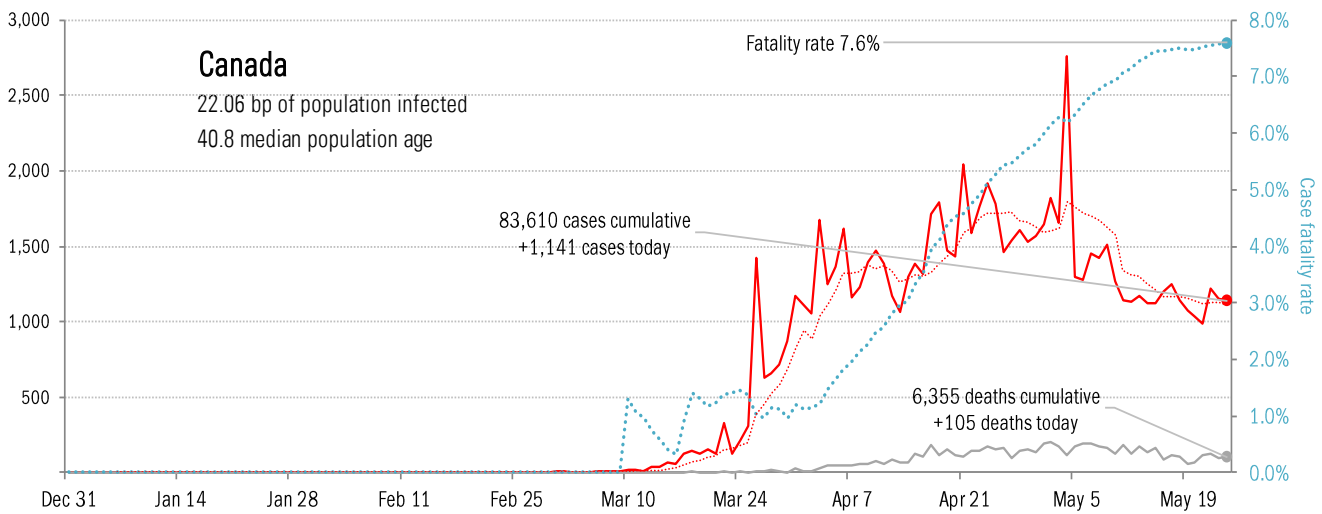
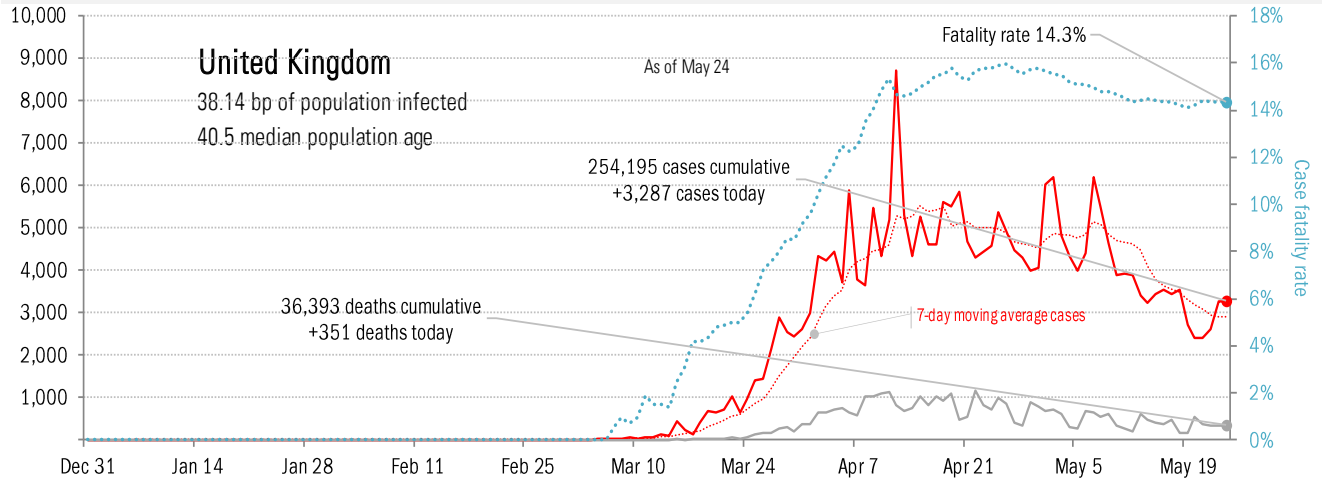
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



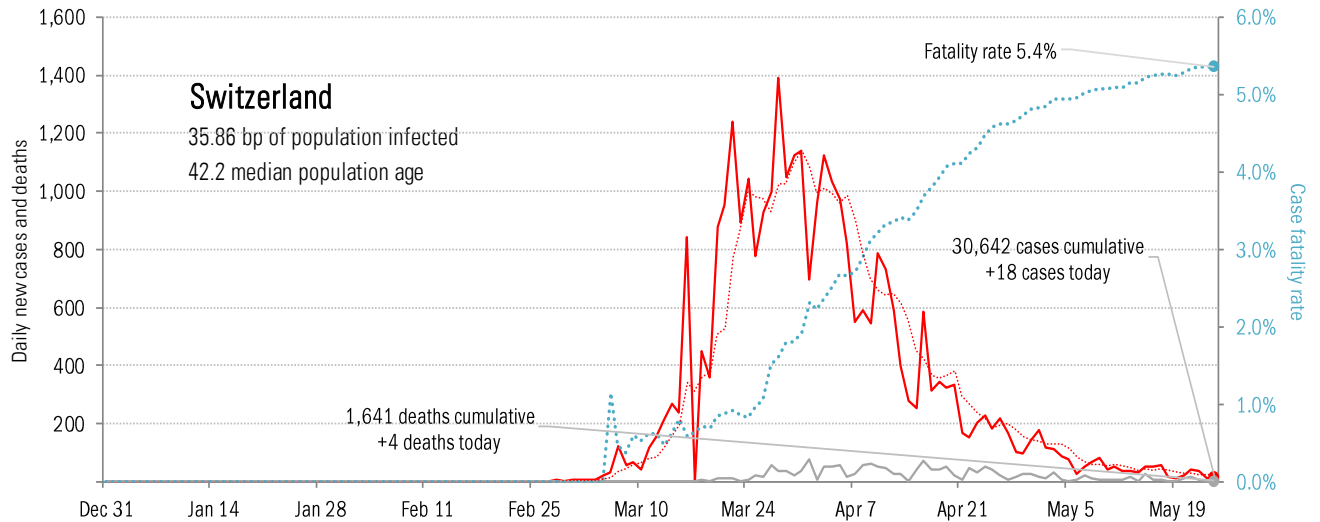
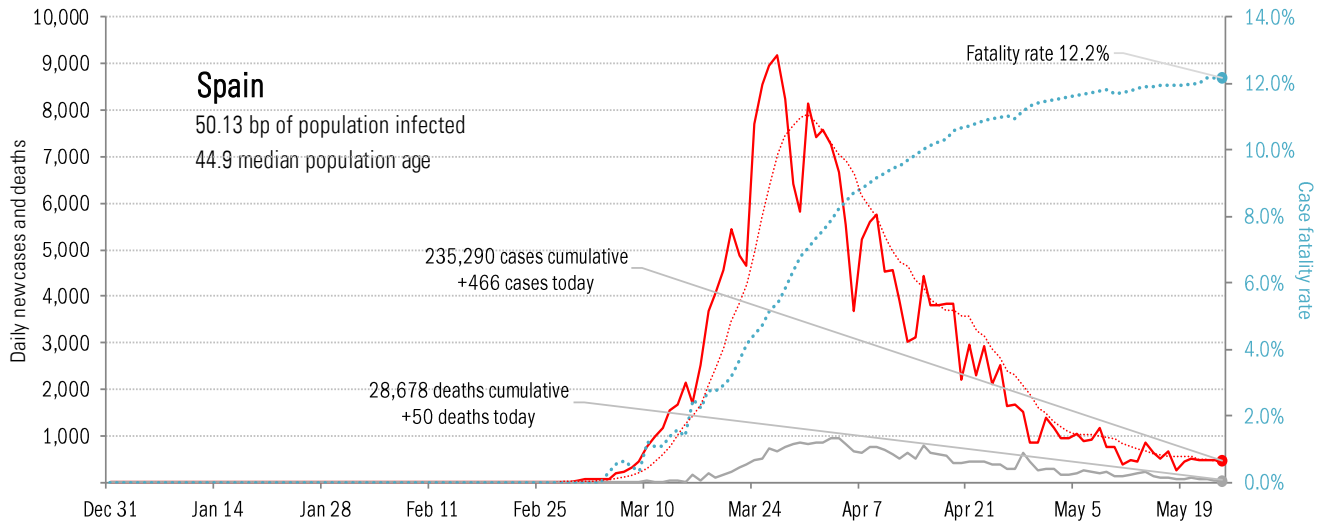
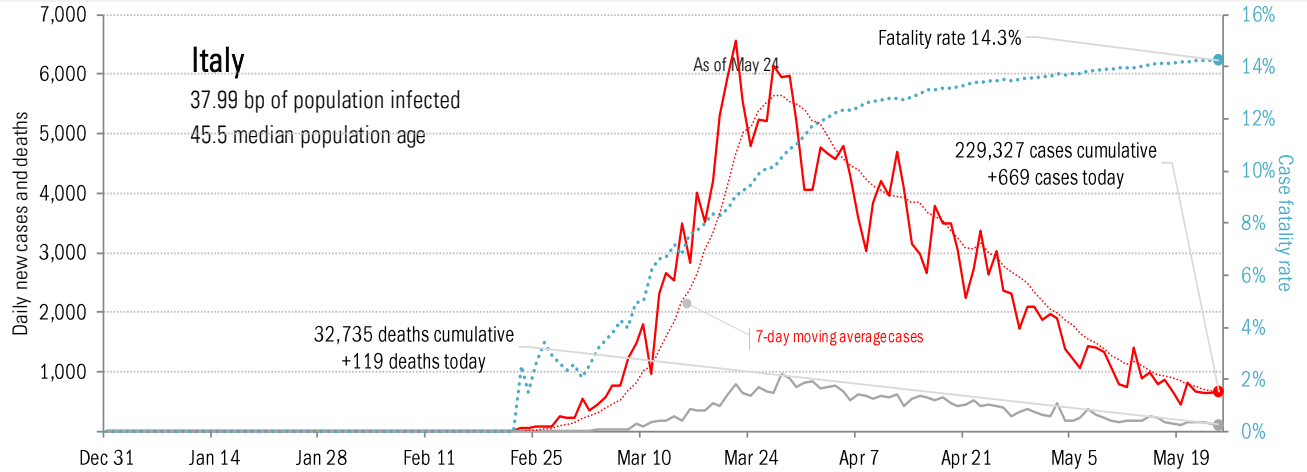
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



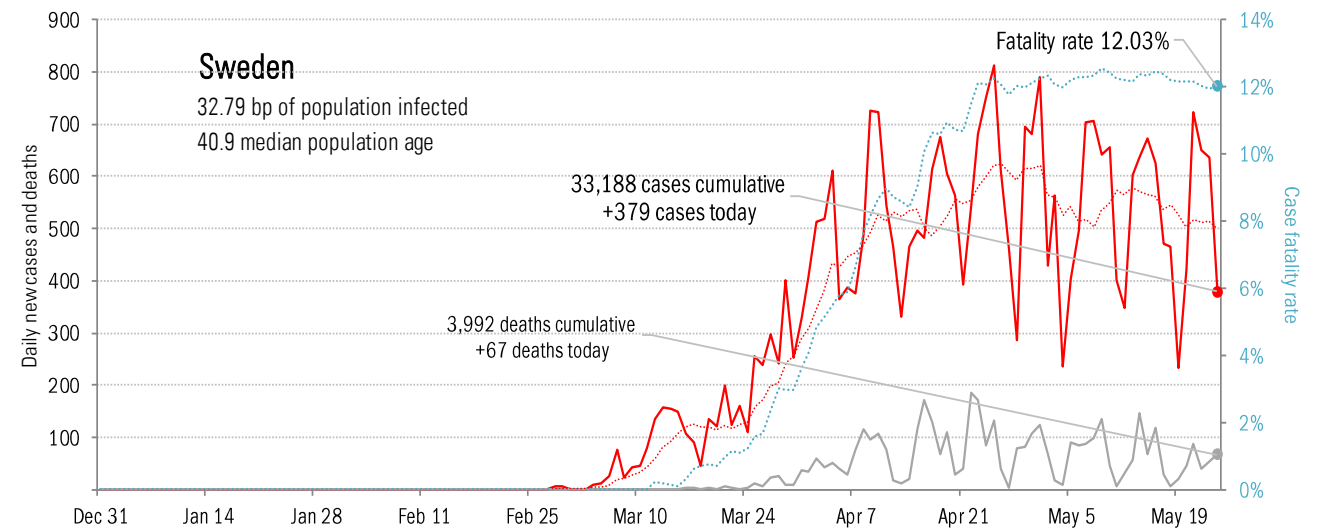
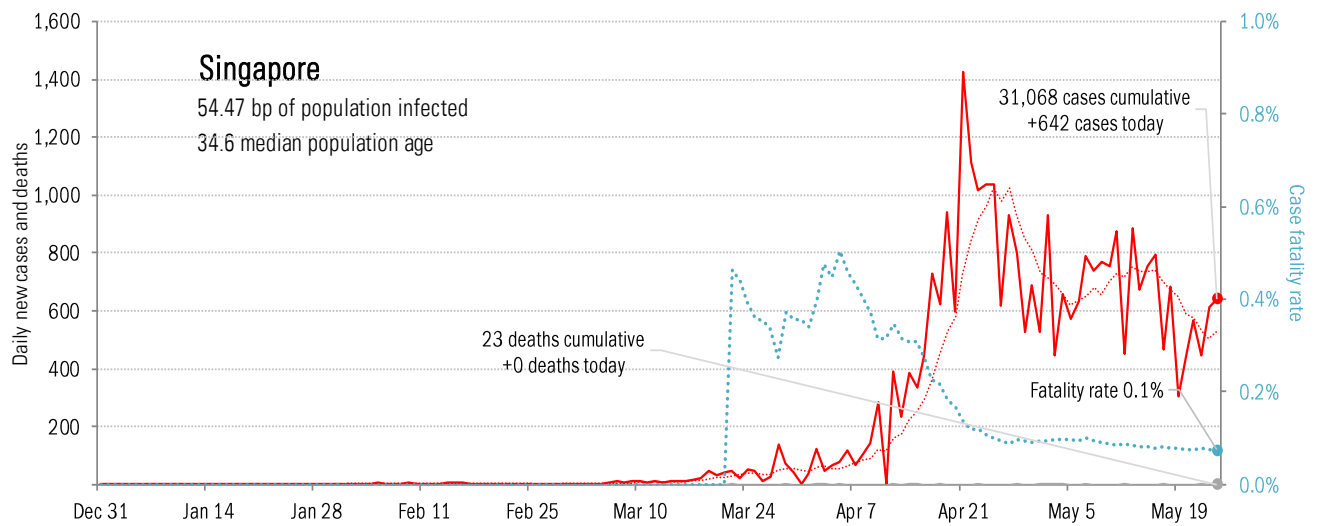
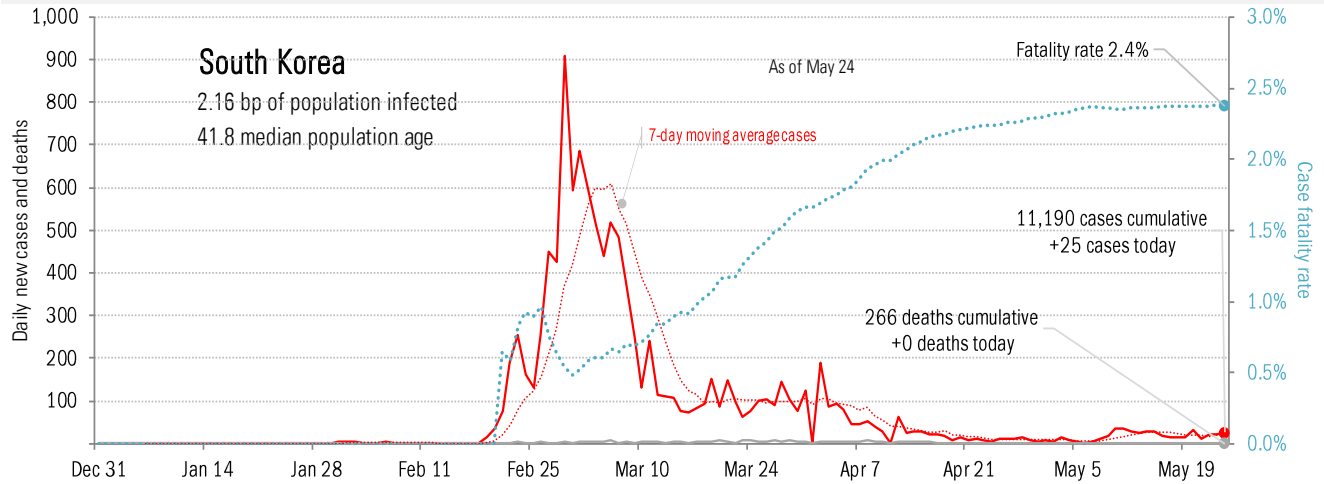
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



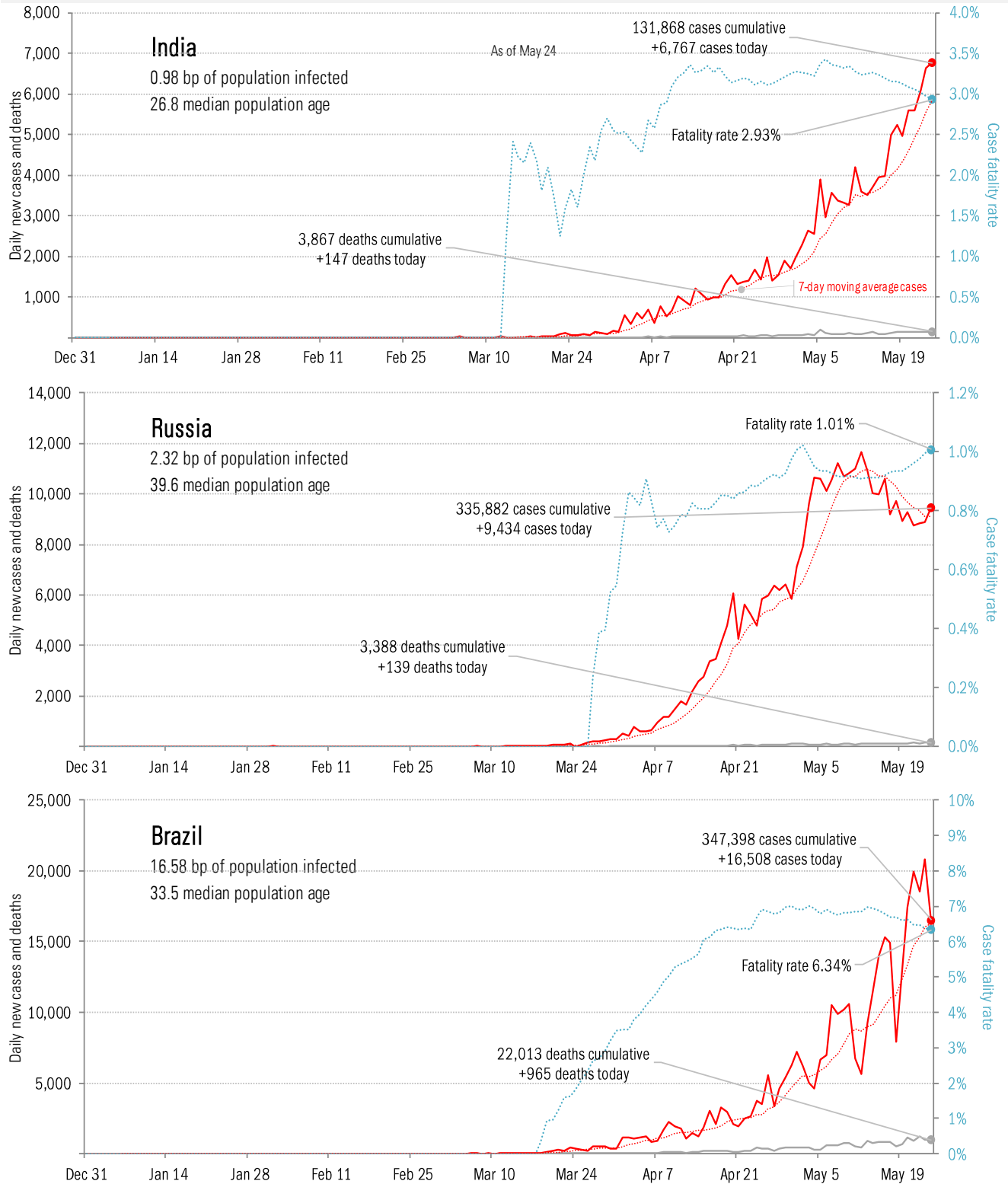
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



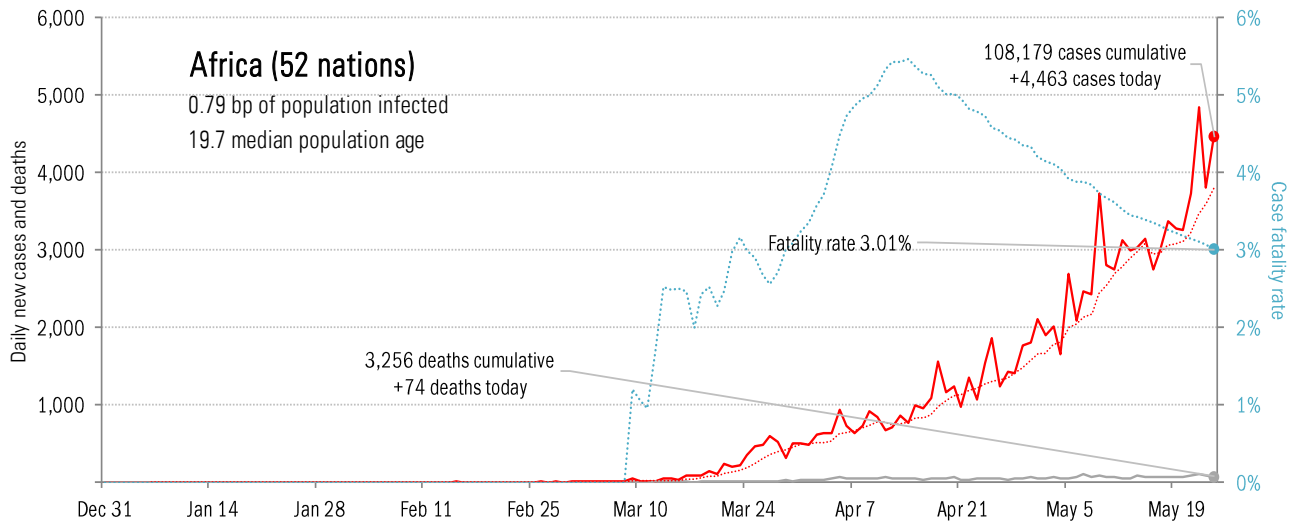
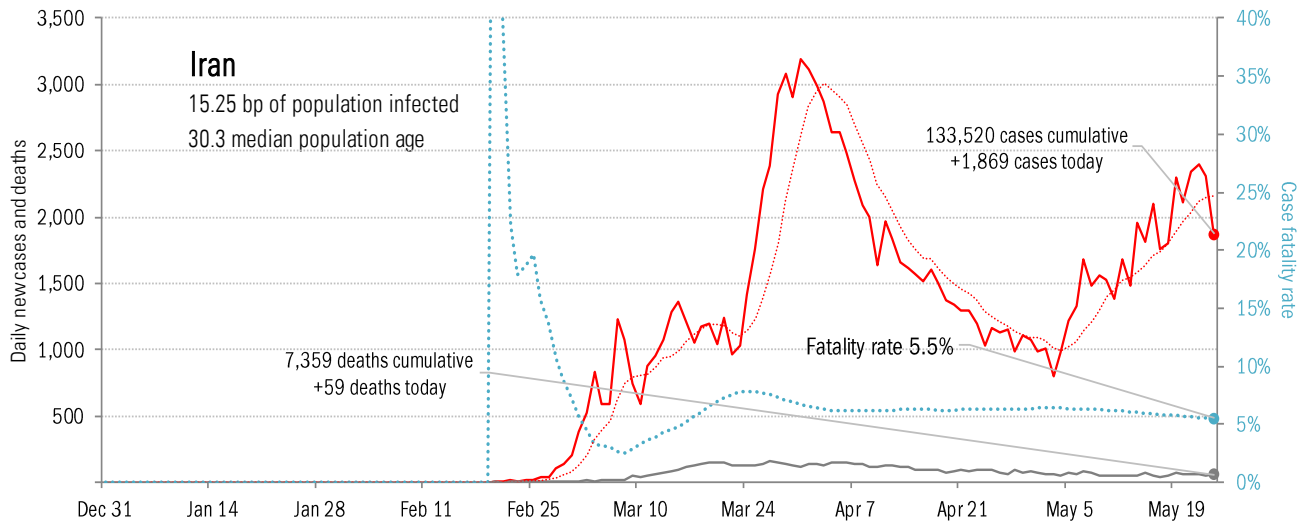
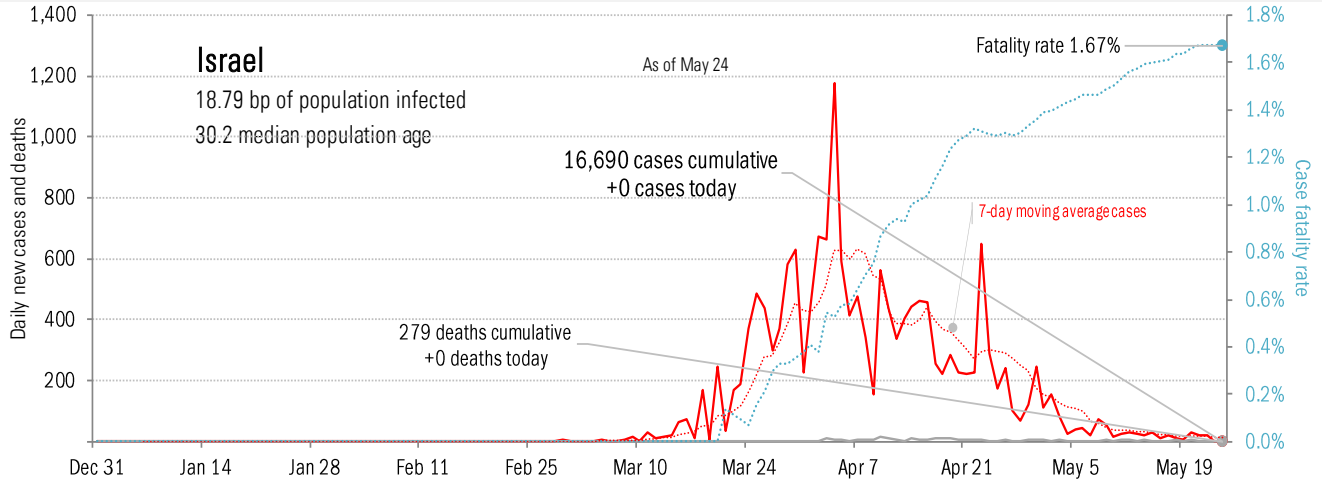
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations