

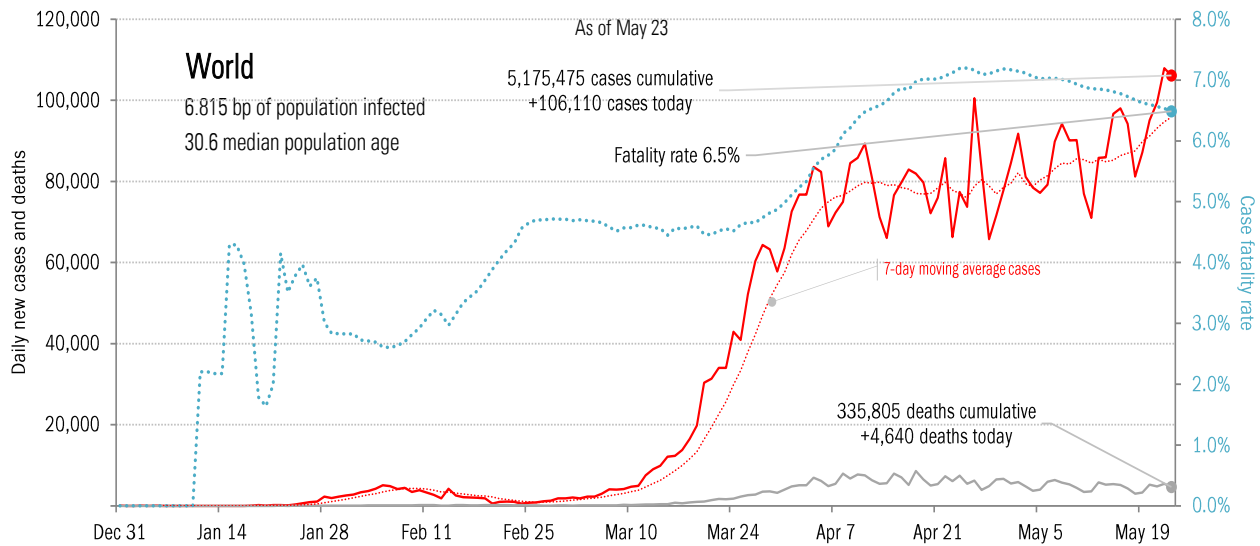
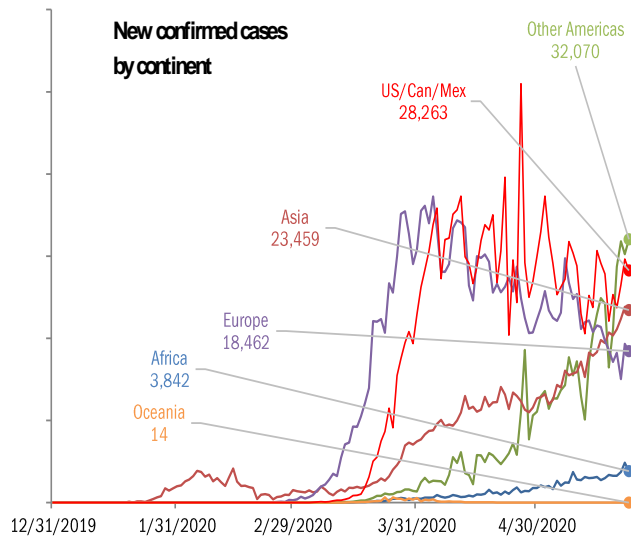
Data Insights: Covid-2019 Monitor

Saturday, May 23, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+24,147	US	+1,305
Brazil	+20,803	Brazil	+1,001
Russia	+8,894	Mexico	+479
India	+6,654	UK	+351
Chile	+4,276	Russia	+150
UK	+3,287	India	+137
Mexico	+2,960	Italy	+130
Peru	+2,929	Ecuador	+117
Saudi	+2,642	Canada	+98
Iran	+2,311	Peru	+96
+78,903		+3,864	
World	+106,110	World	+4,640
Top ten	74%	Top ten	83%



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

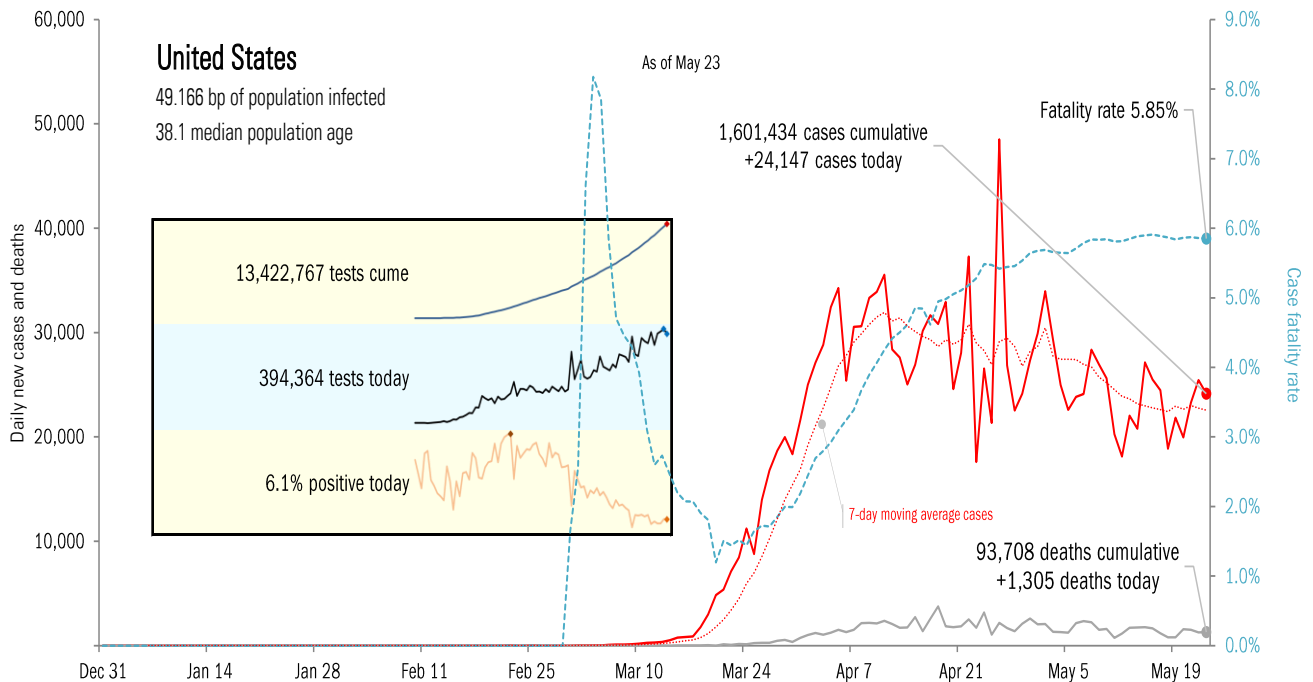
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
IL	+2,758	NJ	+142	CT	+1,592	NY	358,154	NY	23,195	NY	76,843
CA	+2,247	PA	+115	IN	+896	NJ	152,719	NJ	10,985	CT	12,538
NY	+1,696	NY	+112	UT	+389	IL	105,444	MA	6,228	FL	9,372
NJ	+1,247	IL	+108	NY	+235	MA	90,889	MI	5,158	MA	9,162
TX	+1,181	CA	+88	FL	+172	CA	88,444	PA	4,984	MD	7,634
MD	+893	MA	+80	VA	+153	PA	66,258	IL	4,715	GA	7,313
PA	+866	CT	+55	MD	+149	MI	53,913	CT	3,637	VA	6,422
GA	+813	MD	+48	MA	+122	TX	53,449	CA	3,630	CH	5,379
VA	+813	FL	+46	SC	+90	FL	49,451	LA	2,668	IN	5,285
MA	+805	LA	+39	CH	+84	MD	44,424	FL	2,268	CO	4,037
+13,319		+833		+3,882		1,063,145		67,468		143,985	
All states	+24,159	All states	+1,261	All states	+4,443	All states	1,592,656	All states	90,156	All states	170,697
Top ten	55%	Top ten	66%	Top ten	87%	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	
PA	-860	PA	-130	FL	-94	TX	+882
LA	-767	MI	-40	VA	-57	CT	+863
FL	-428	GA	-36	GA	-50	NY	+466
VA	-416	CO	-31	MA	-21	IA	+407
NY	-392	IN	-21	MN	-20	NH	+379



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

Recommended reading

[Coronavirus and the Chernobyl Analogy](#)

Adam O'Neal
Wall Street Journal
May 22, 2020

[Quarantine for Thee, but Not for Me](#)

Jim Geraghty
National Review
May 21, 2020

[Ohio Court: Forced Closure of Gyms Unconstitutional](#)

The 1851 Center for Constitutional Law
May 20, 2020

[Stop Fear-Mongering: Kids Are Safer From Covid-19 Than Everyone Else](#)

Phil Kerpen
The Federalist
May 21, 2020

[Dr. Anthony Fauci says staying closed for too long could cause 'irreparable damage'](#)

Berkeley Lovelace Jr.
CNBC
May 22, 2020

[End New York City's lockdown now!](#)

David Marcus
New York Post
May 20, 2020

Meme of the day

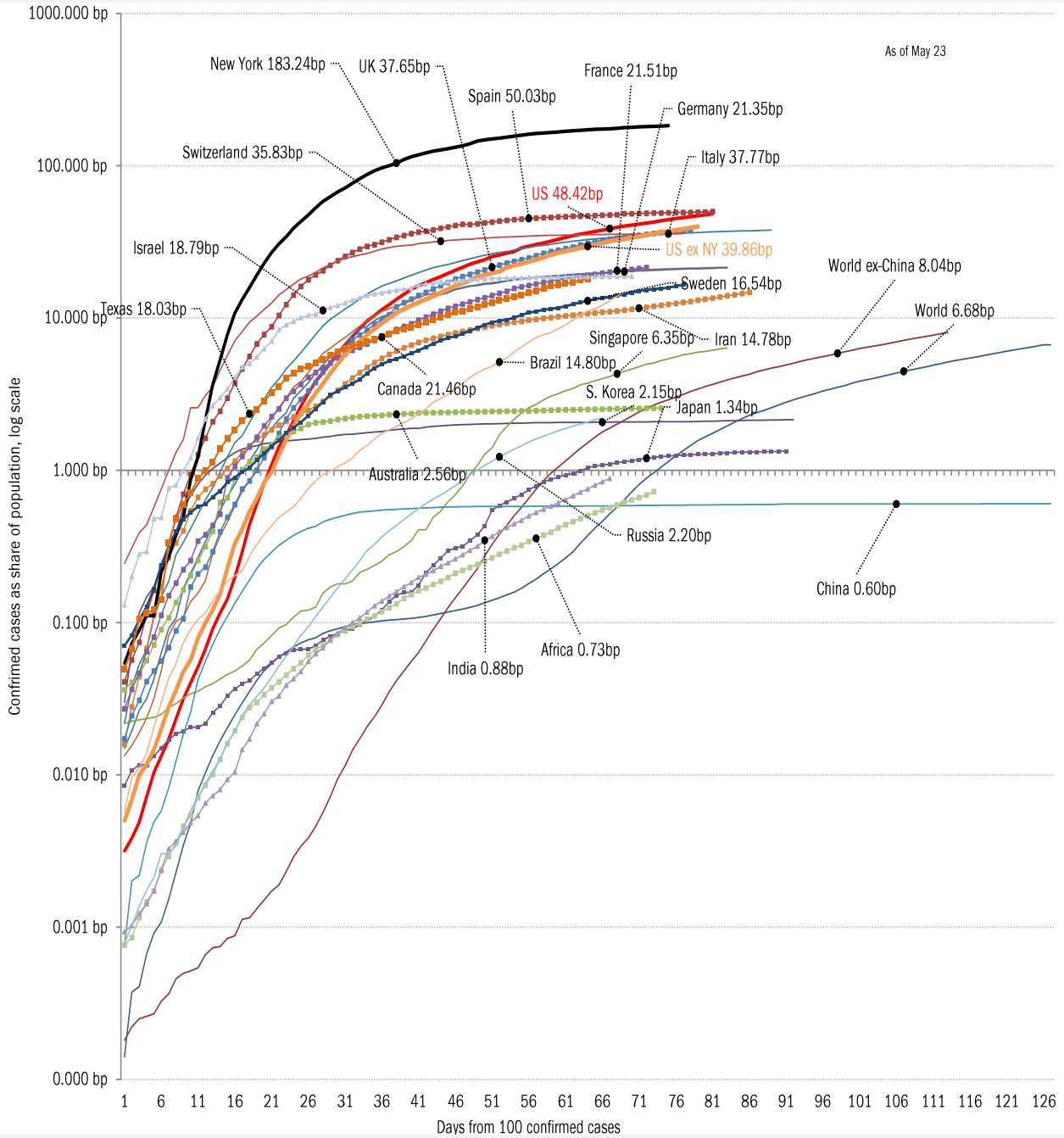
We have a 6 phase plan to reopen the state. The plan will be a phased plan that we will plan to utilize in phases. The phases will be planned and the planning will be phased. We will move quickly and slowly to open but remain closed. I have created a staff of staffers who will plan the phase and planning while phasing their phases.

And that is our reopening plan.

Thank you

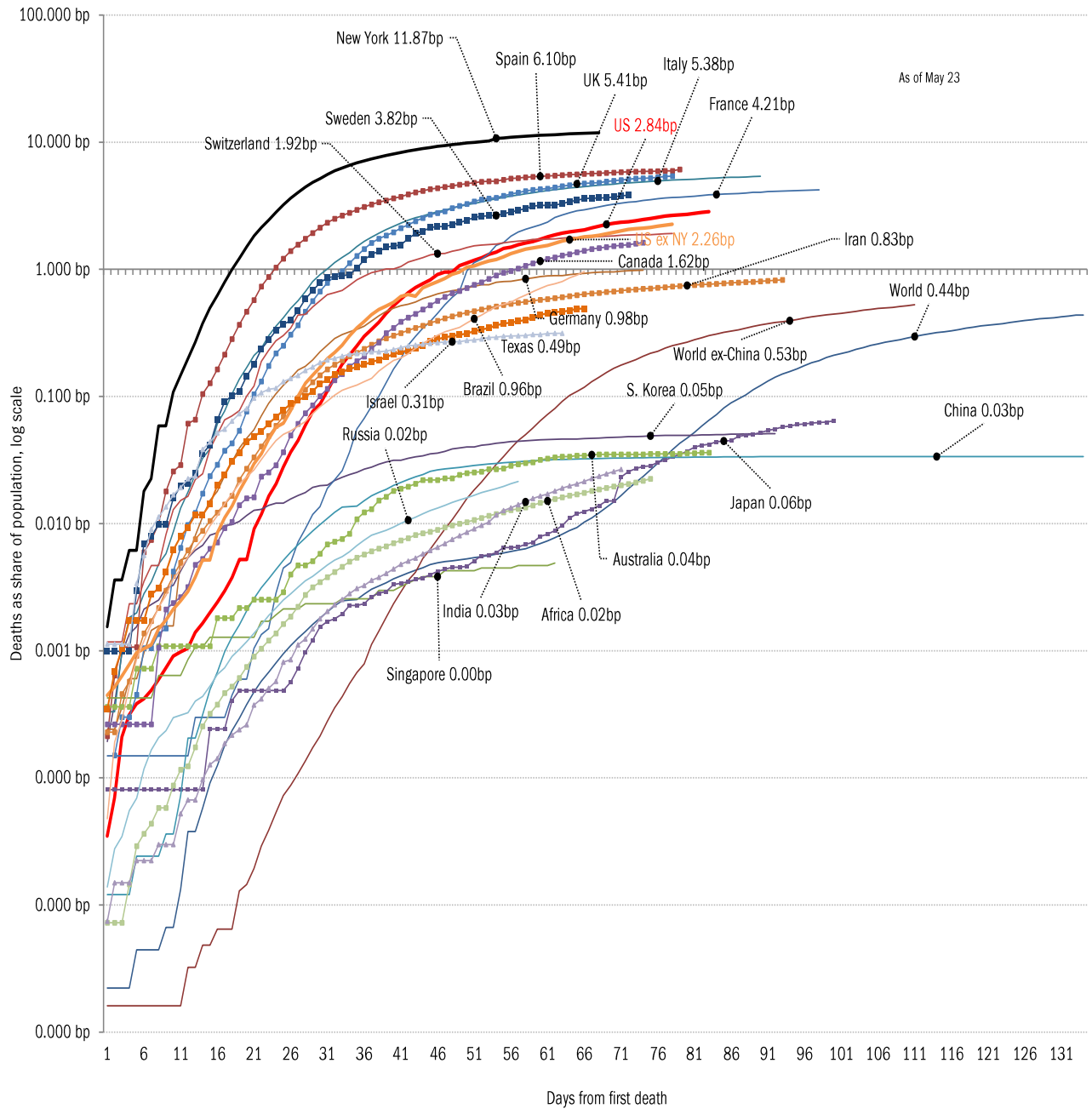
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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

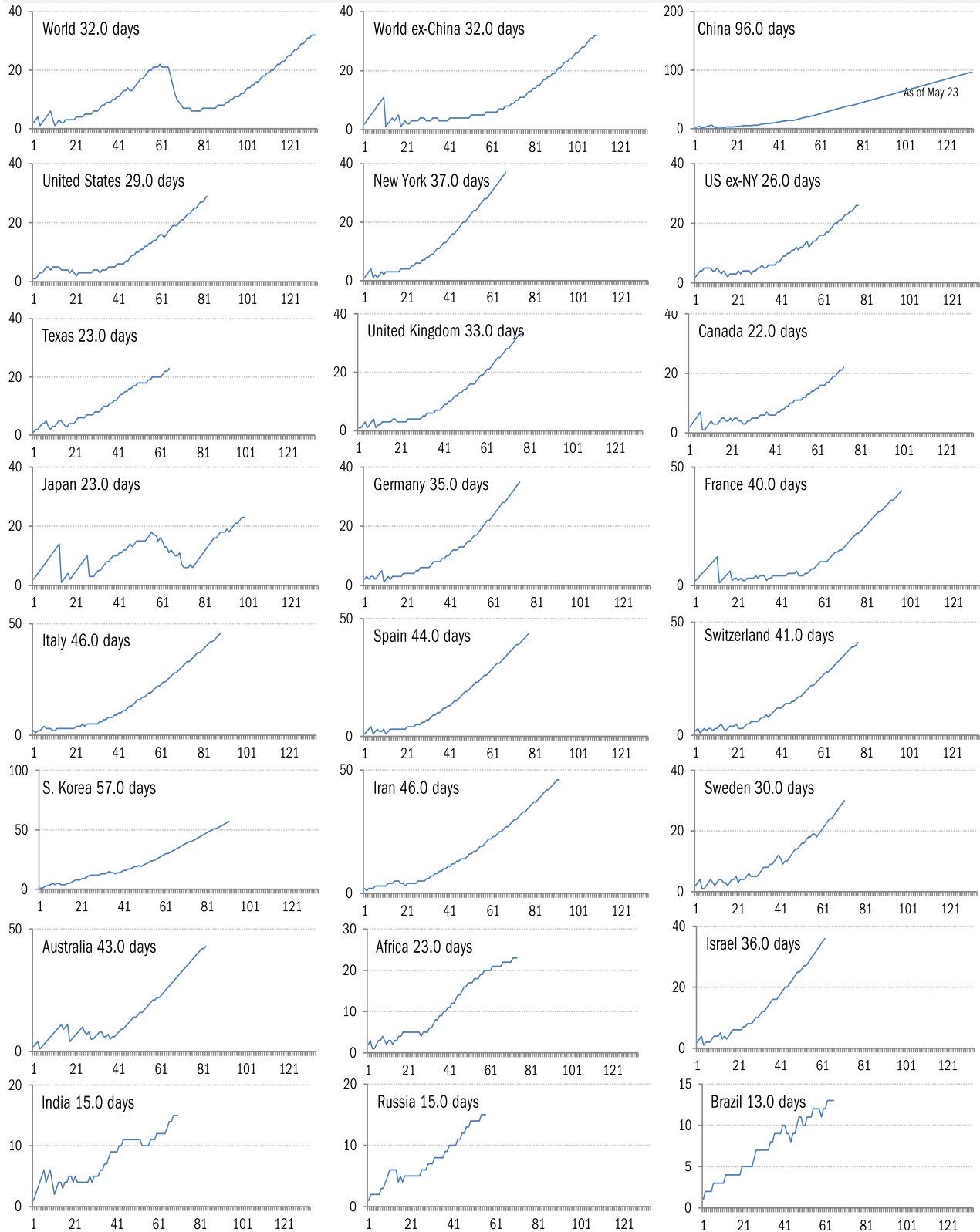
The coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

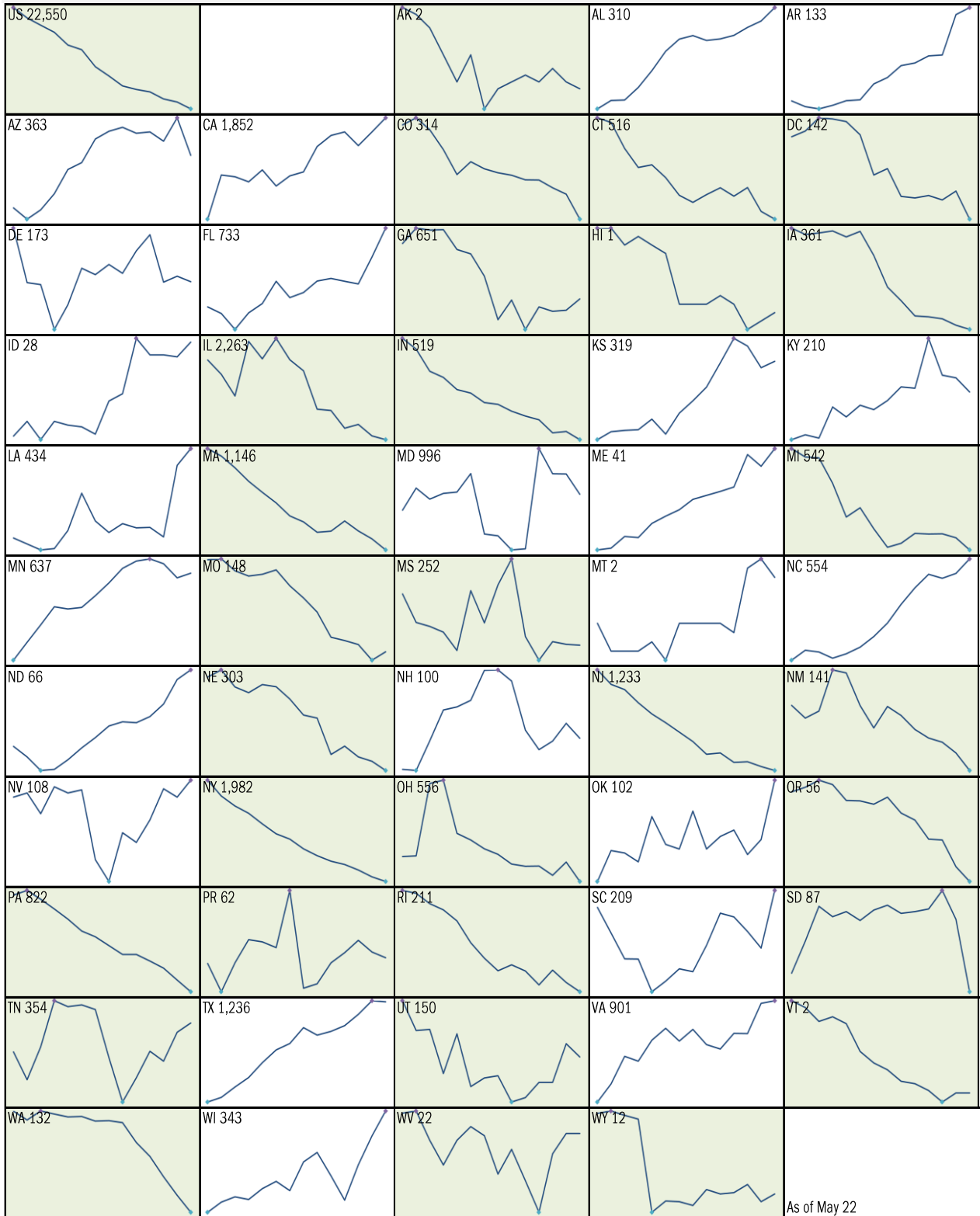
Our most reliable evidence of slowing exponential growth of Covid-2019

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



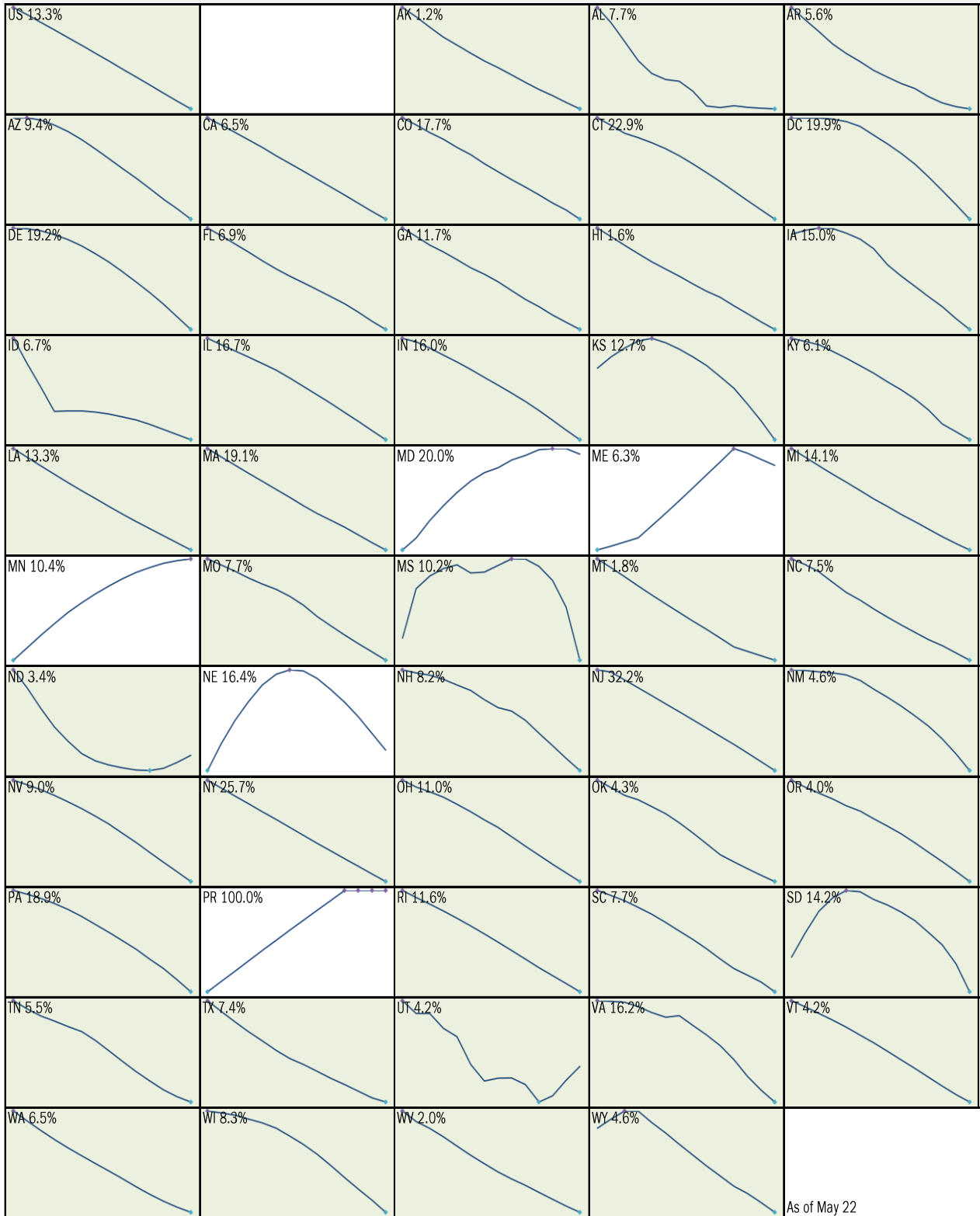
Source: [ECDC](#), TrendMacro calculations

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



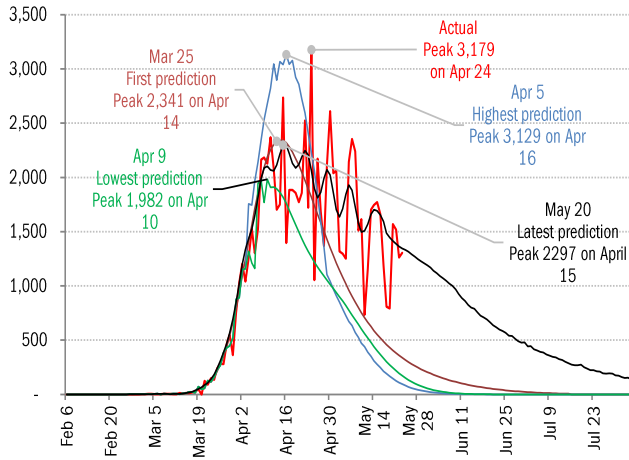
Source: [Covid Tracking Project](#), TrendMacro calculations

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

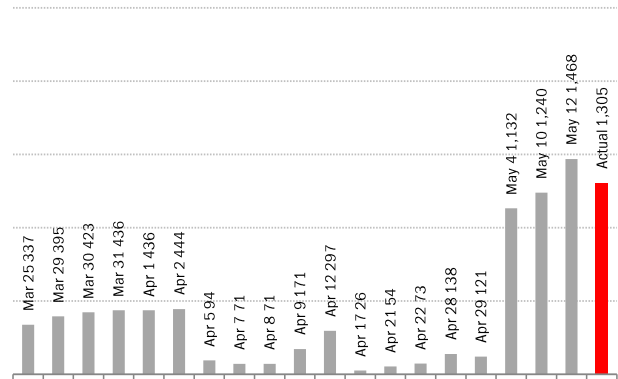
New daily fatalities

As of May 23

Actual versus first, highest and latest model mean predictions

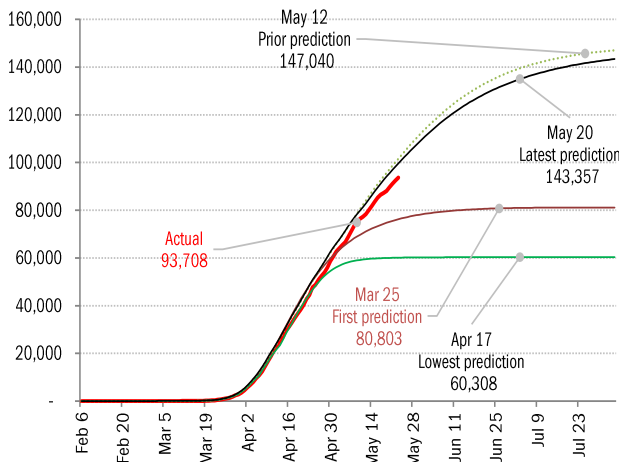


For this day, versus all model mean predictions

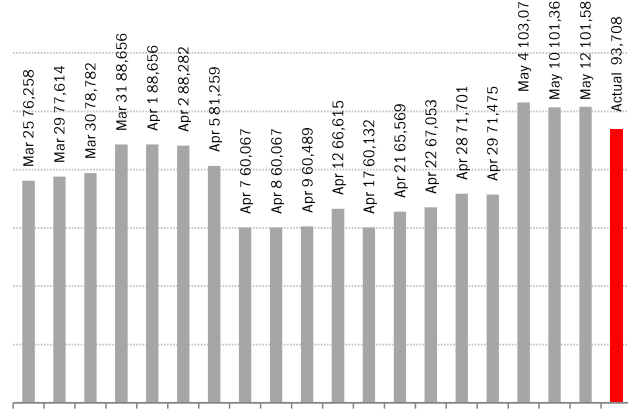


Cumulative fatalities

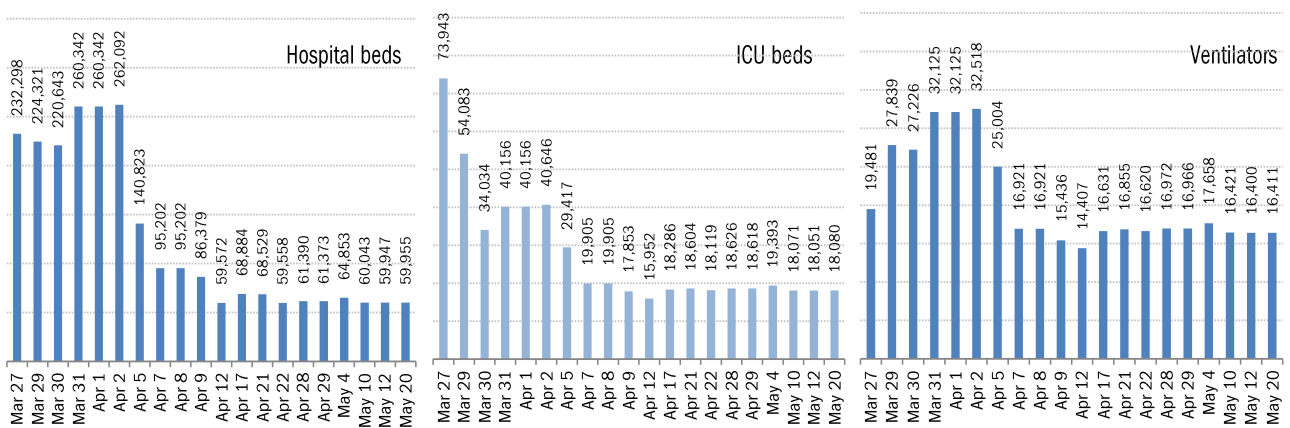
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

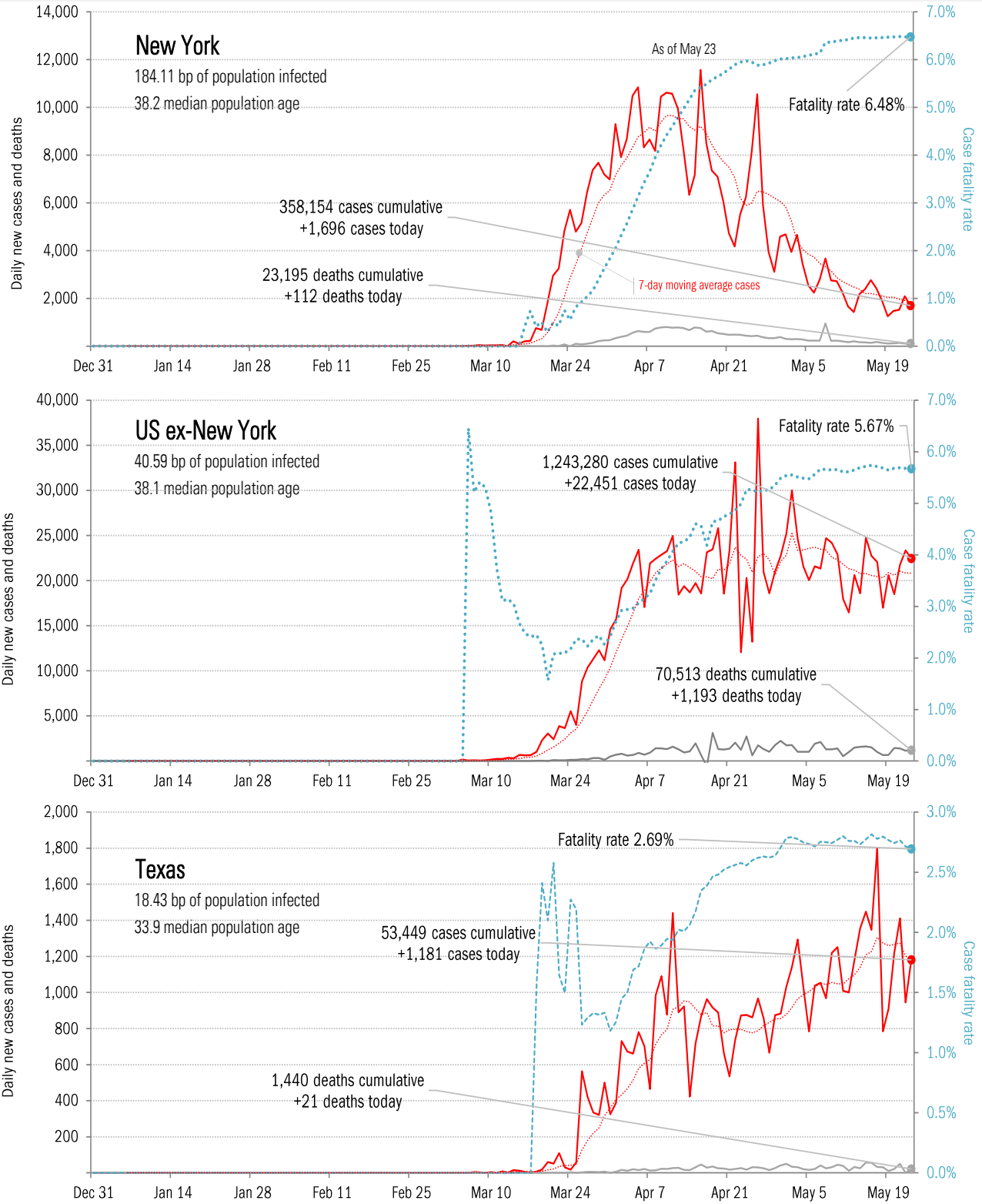


Healthcare system stress, peak estimated at each model revision



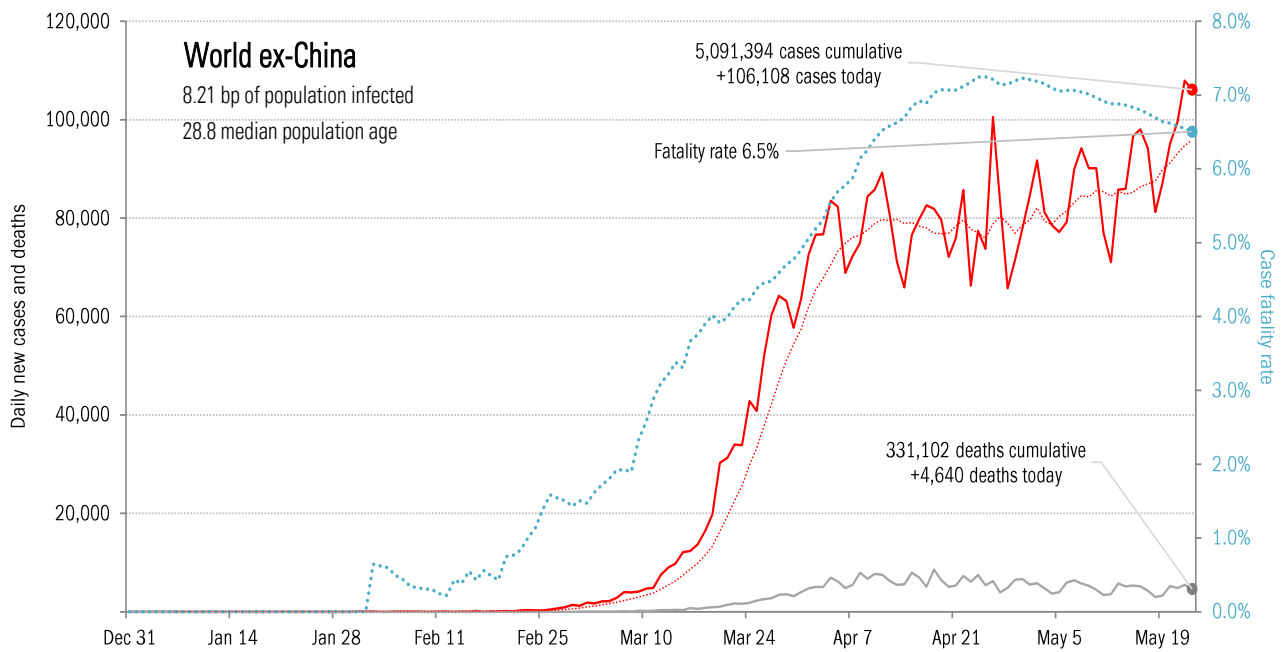
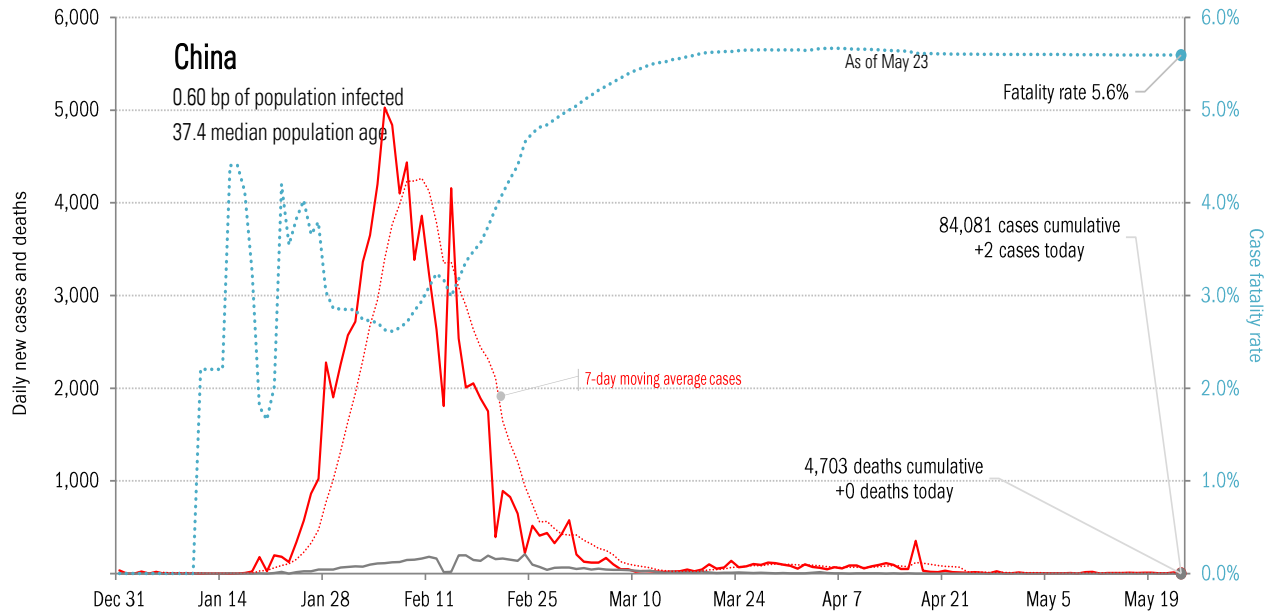
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



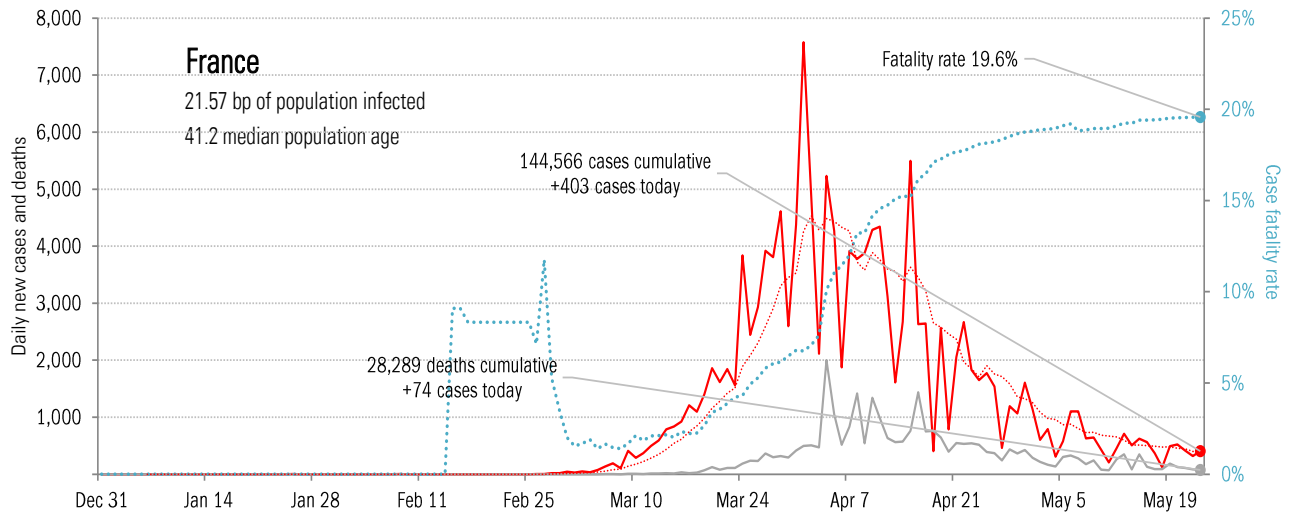
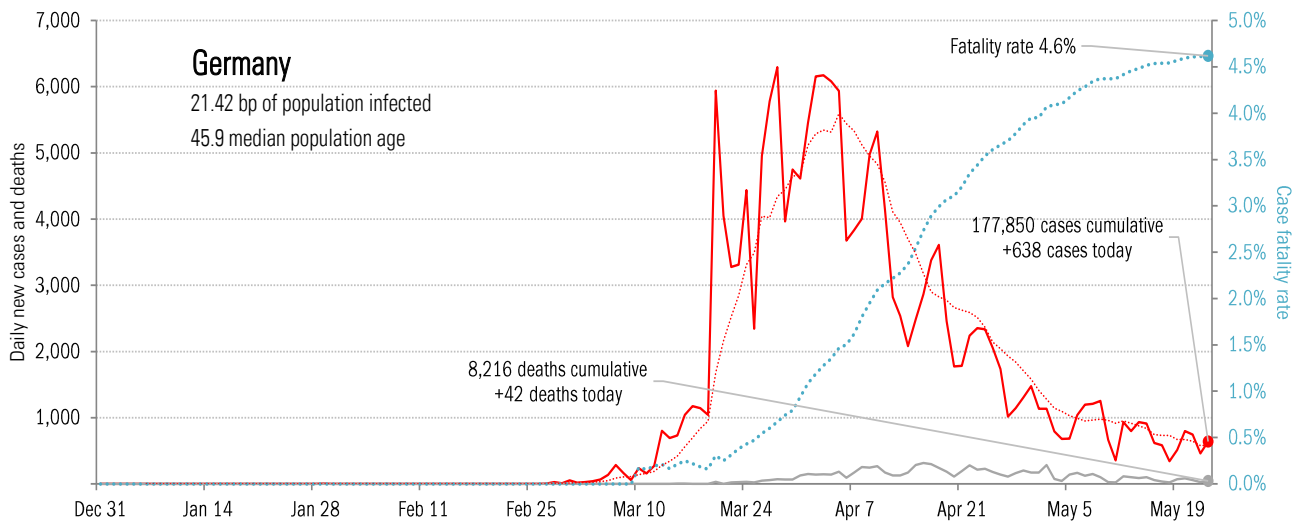
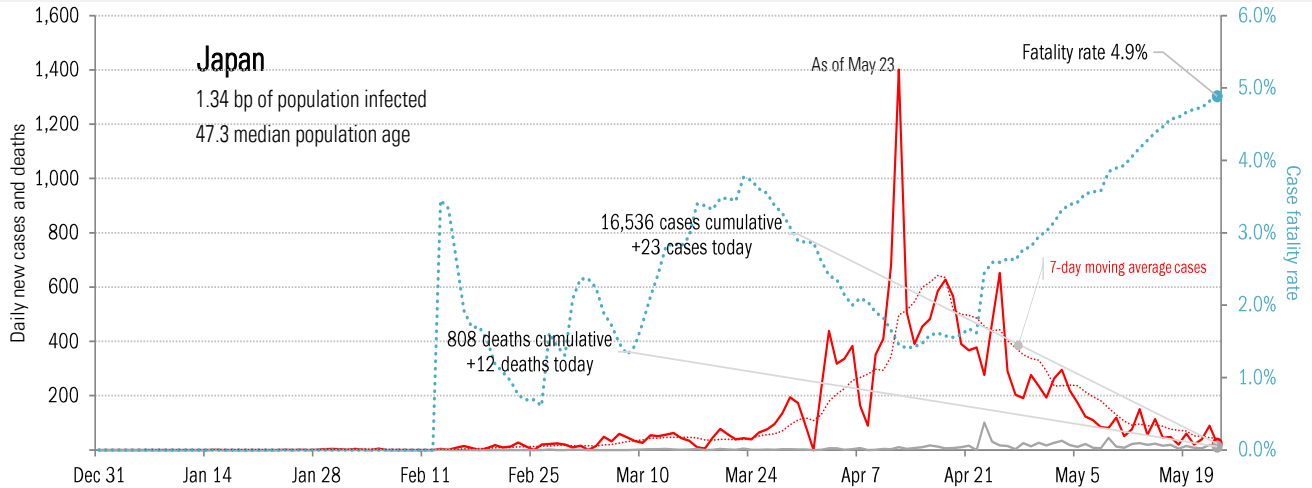
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



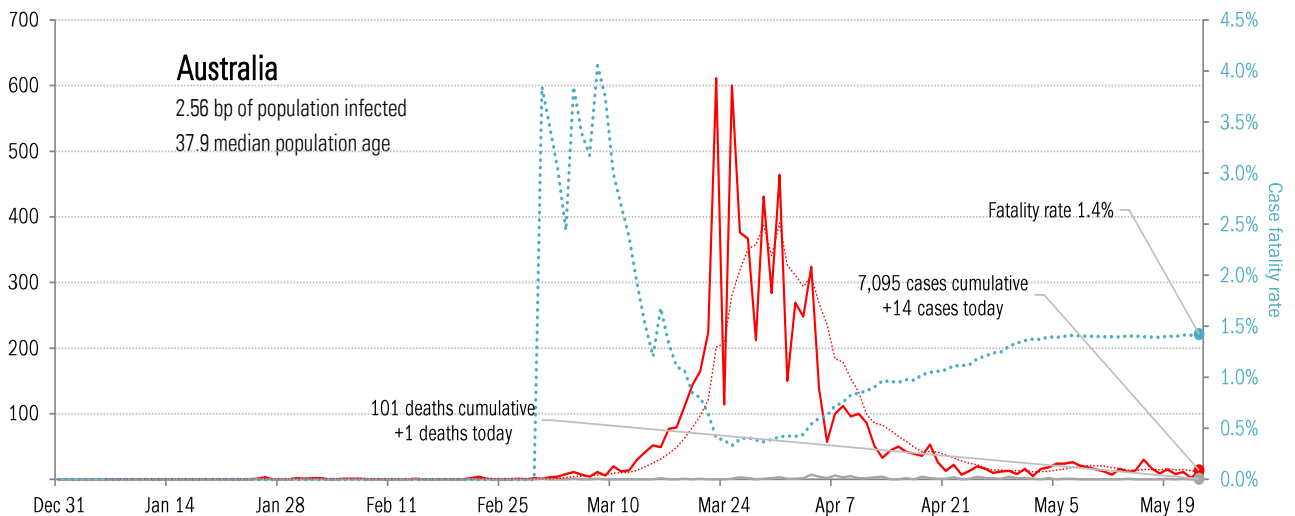
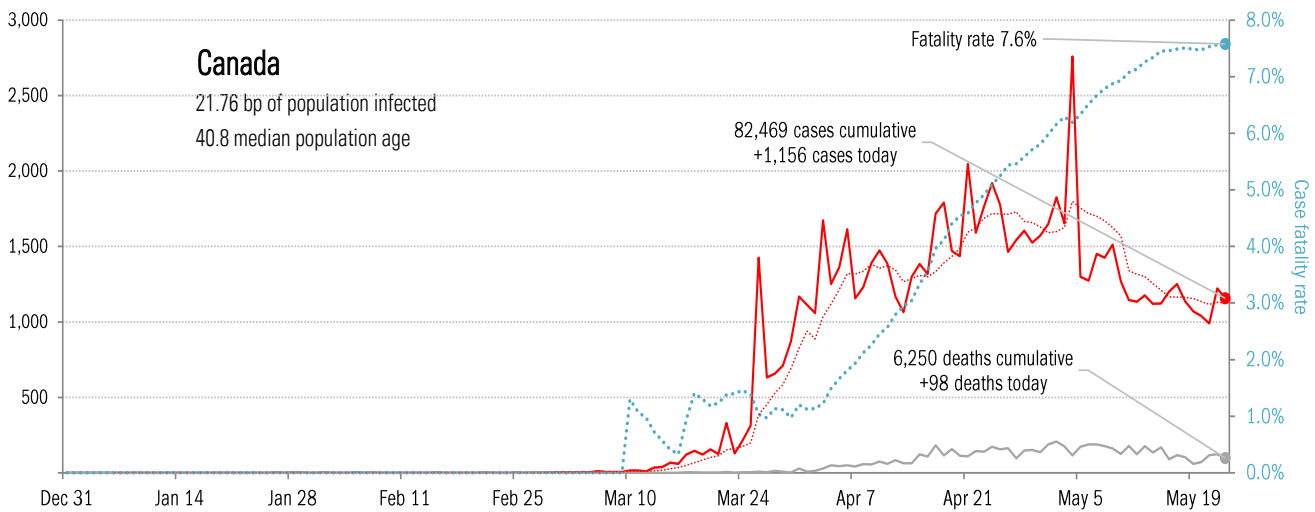
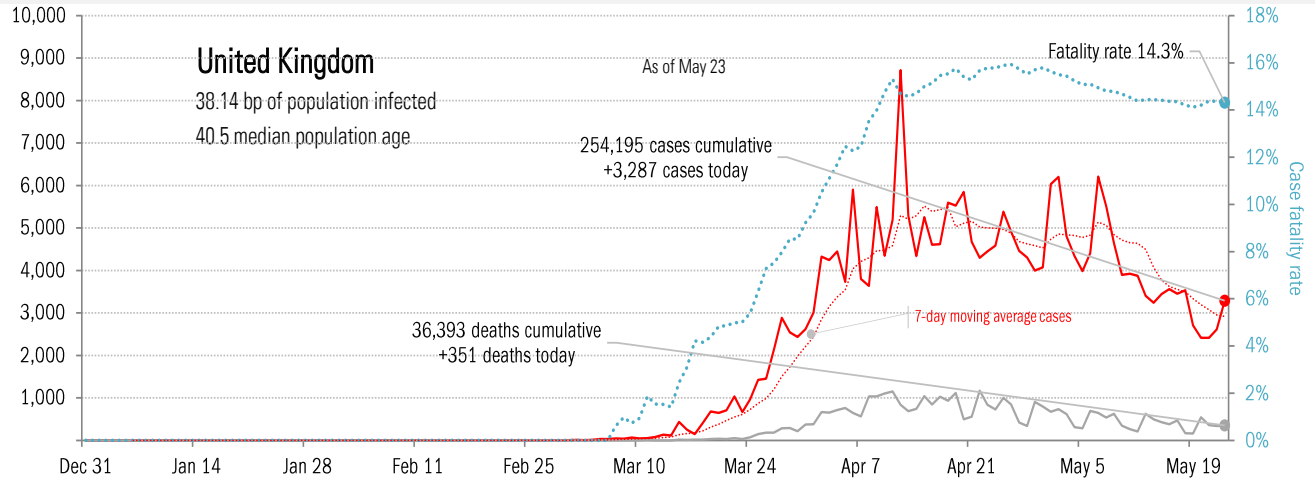
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



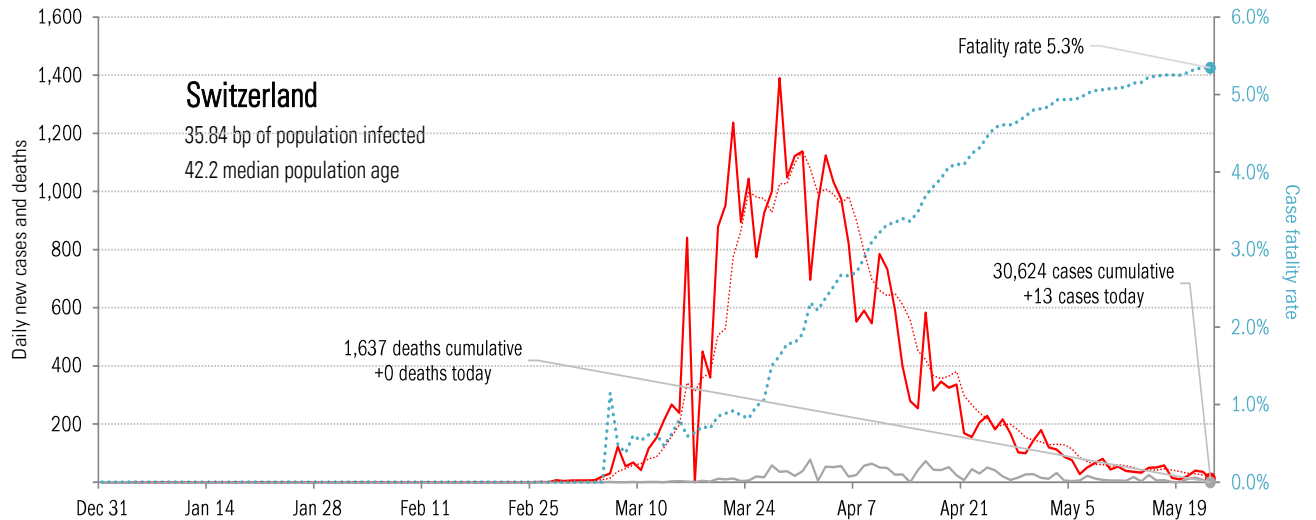
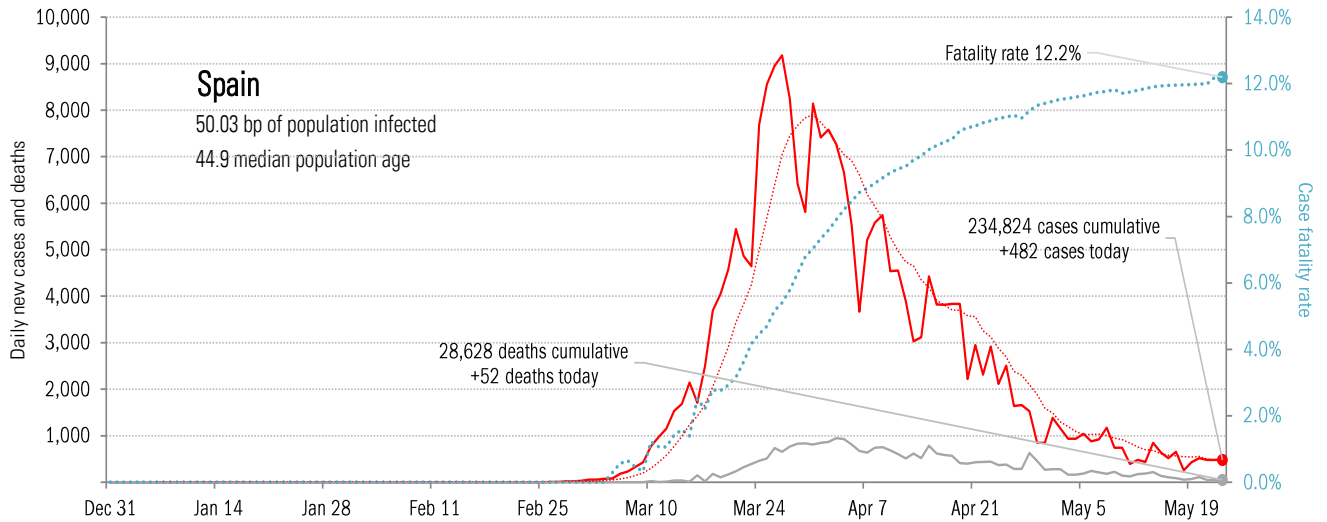
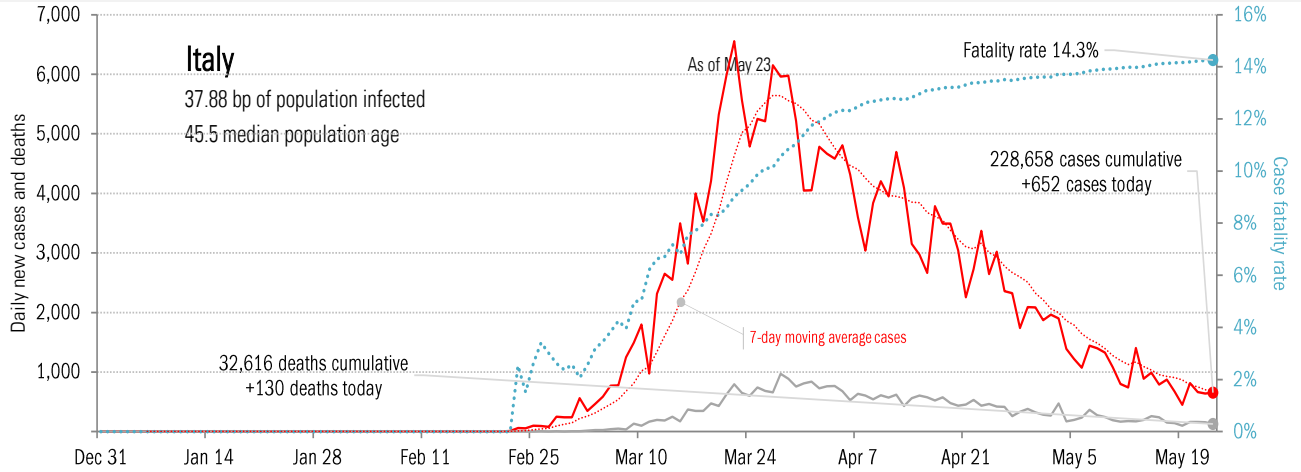
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



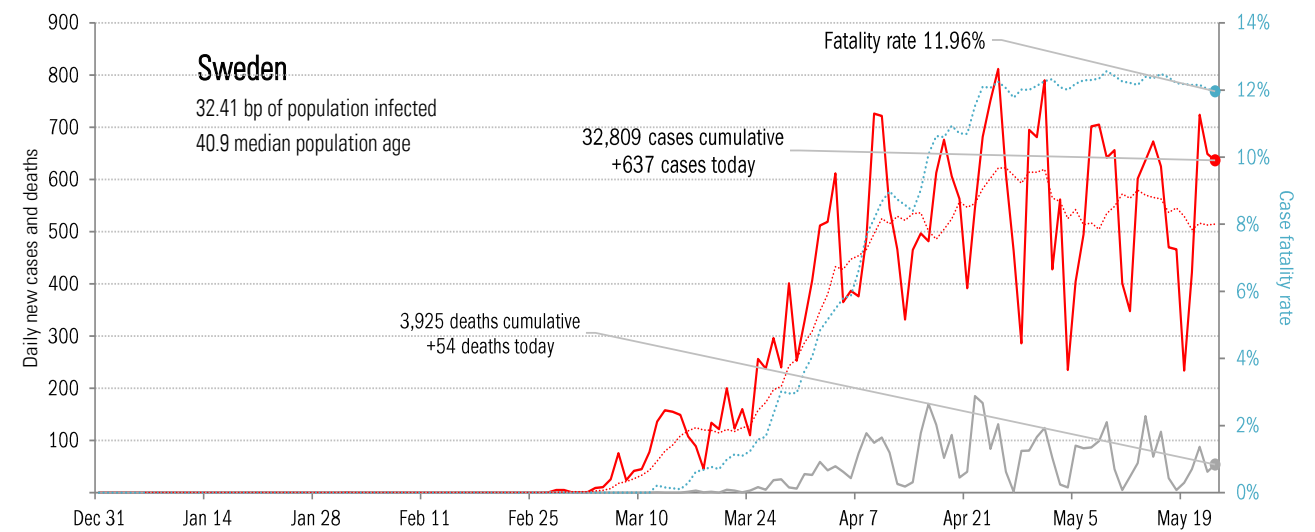
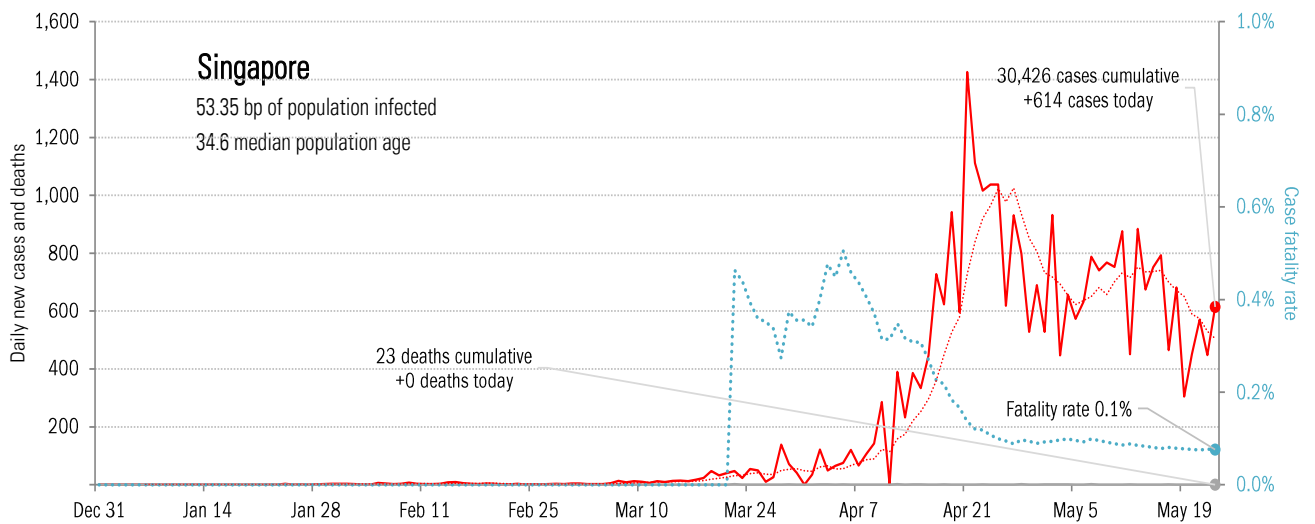
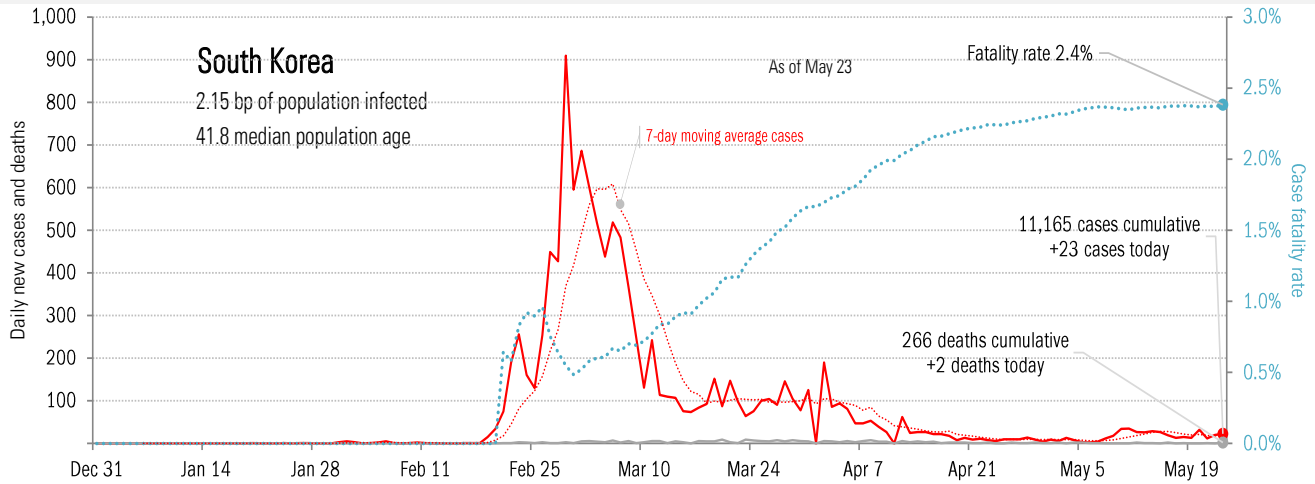
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



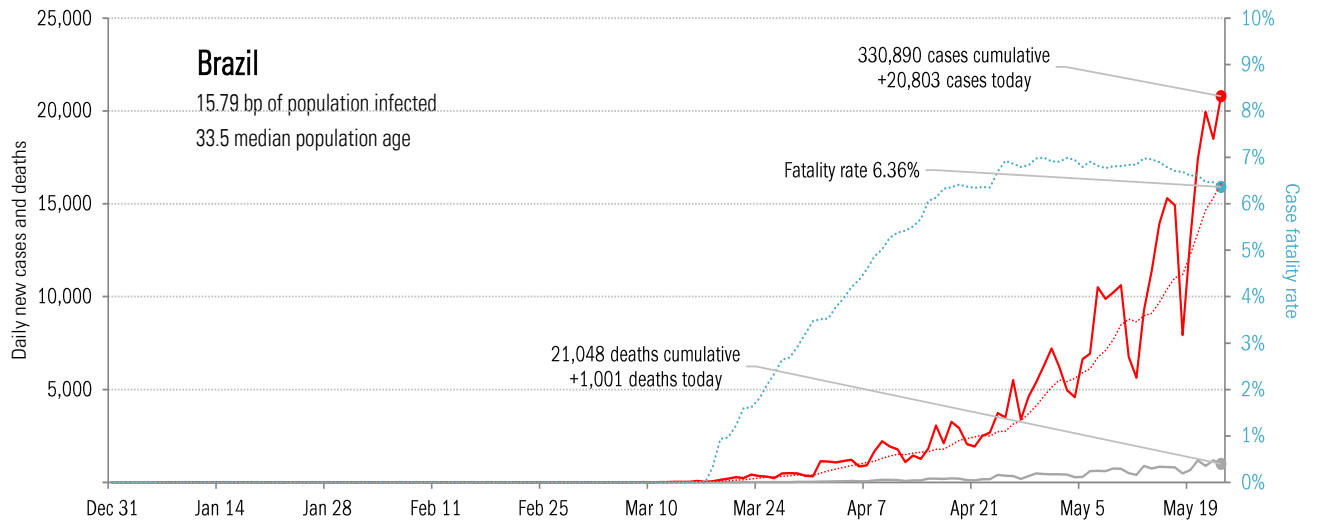
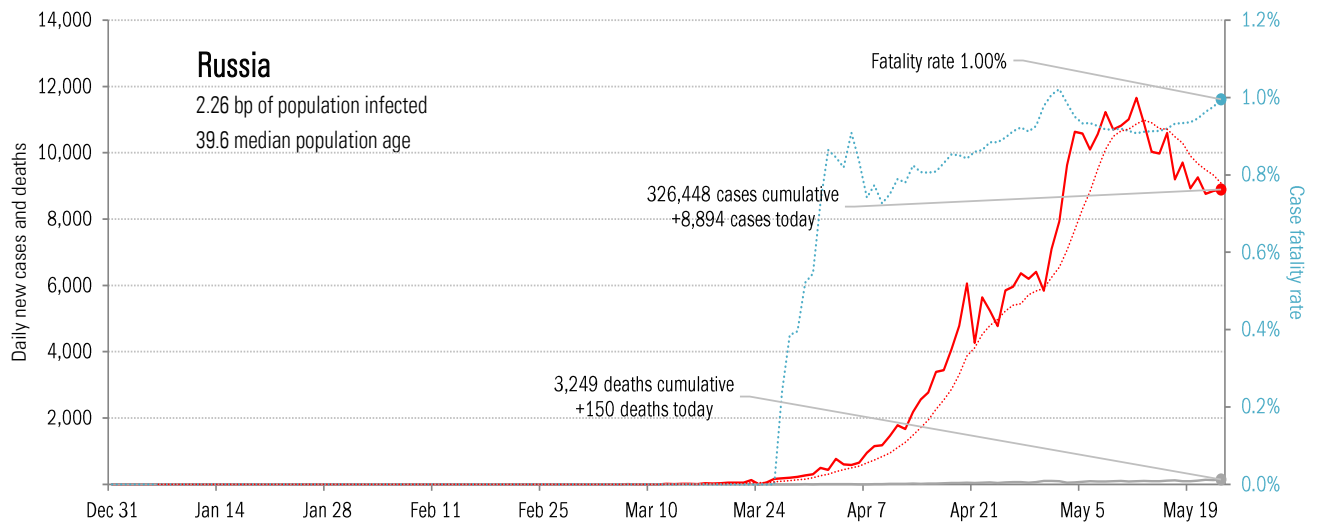
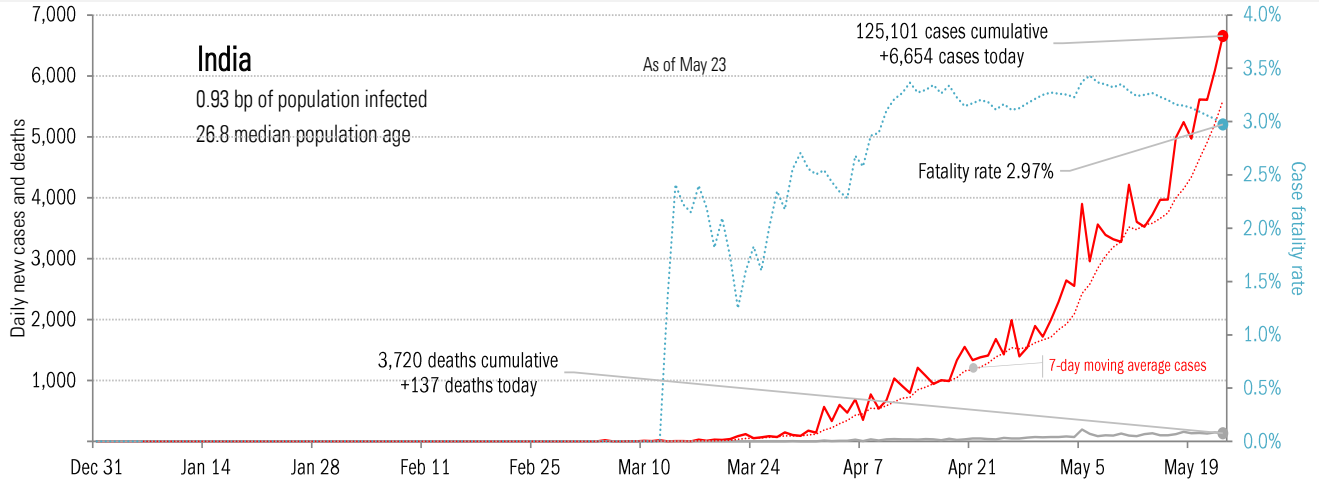
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



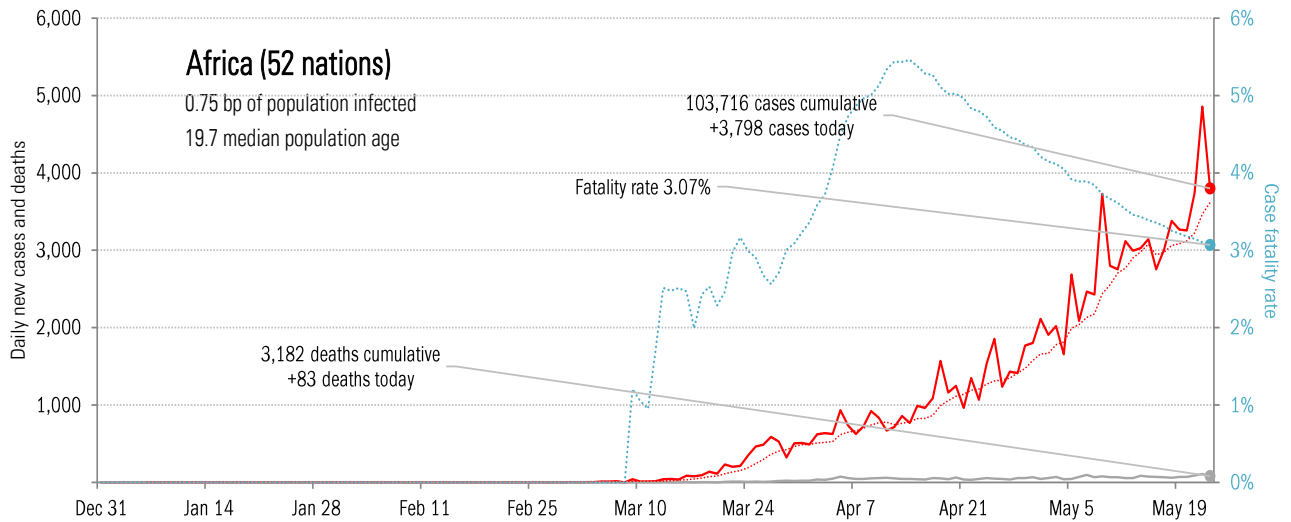
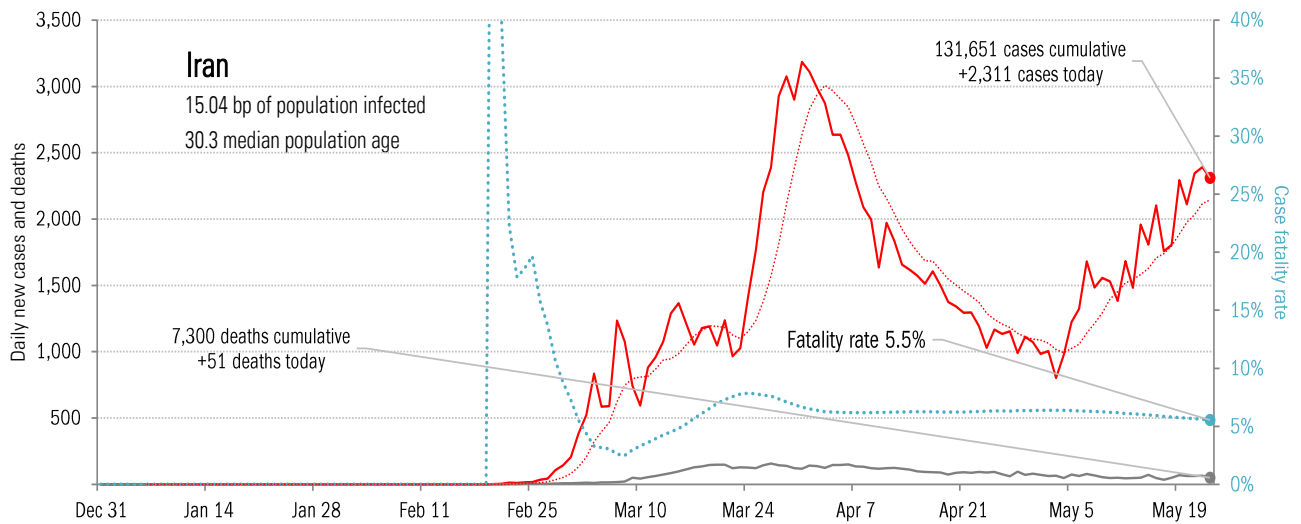
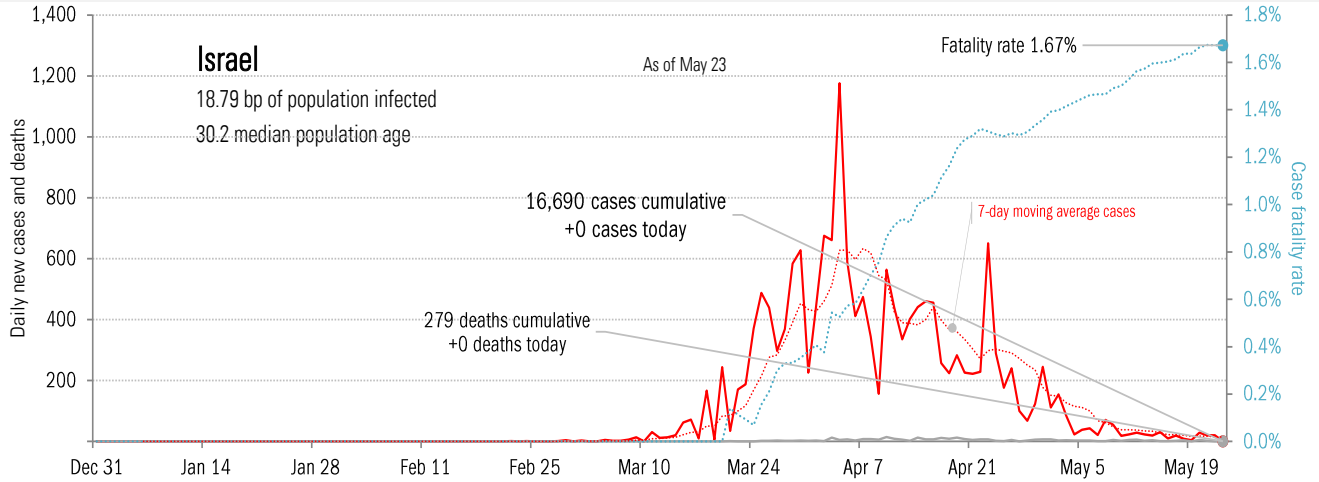
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations