

Data Insights: Covid-2019 Monitor

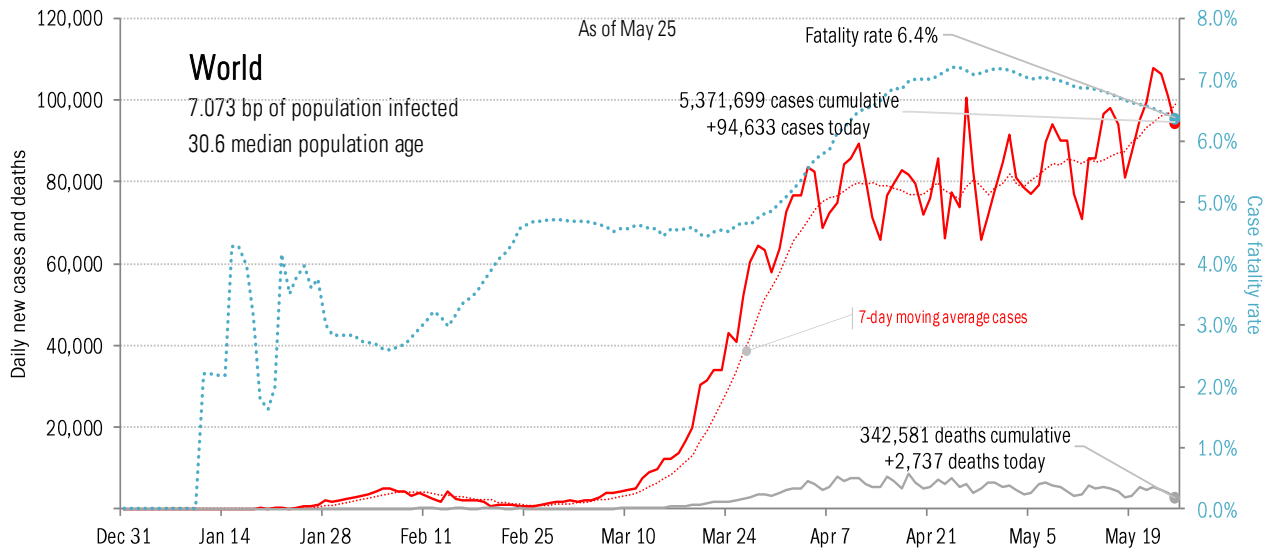
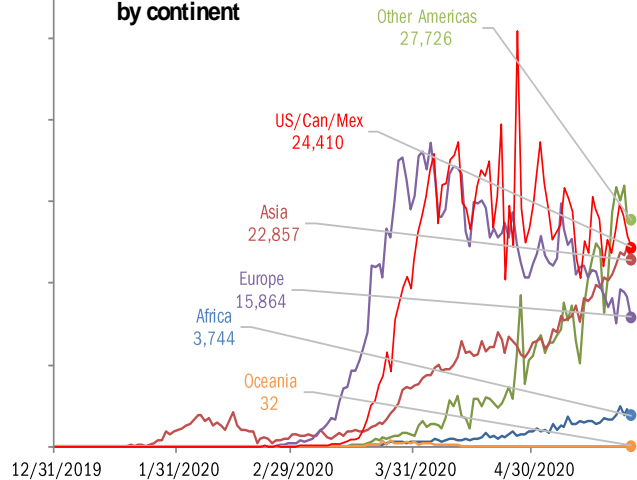
Monday, May 25, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+20,568	Brazil	+653
Brazil	+15,813	US	+633
Russia	+8,599	Mexico	+215
India	+6,977	India	+154
Peru	+4,205	Russia	+153
Chile	+3,709	UK	+118
Mexico	+2,764	Peru	+83
UK	+2,405	Canada	+69
Saudi	+2,399	Iran	+58
Iran	+2,180	Italy	+50
+69,619		+2,186	
World	+94,633	World	+2,737
Top ten	74%	Top ten	80%

New confirmed cases by continent



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

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The US scorecard

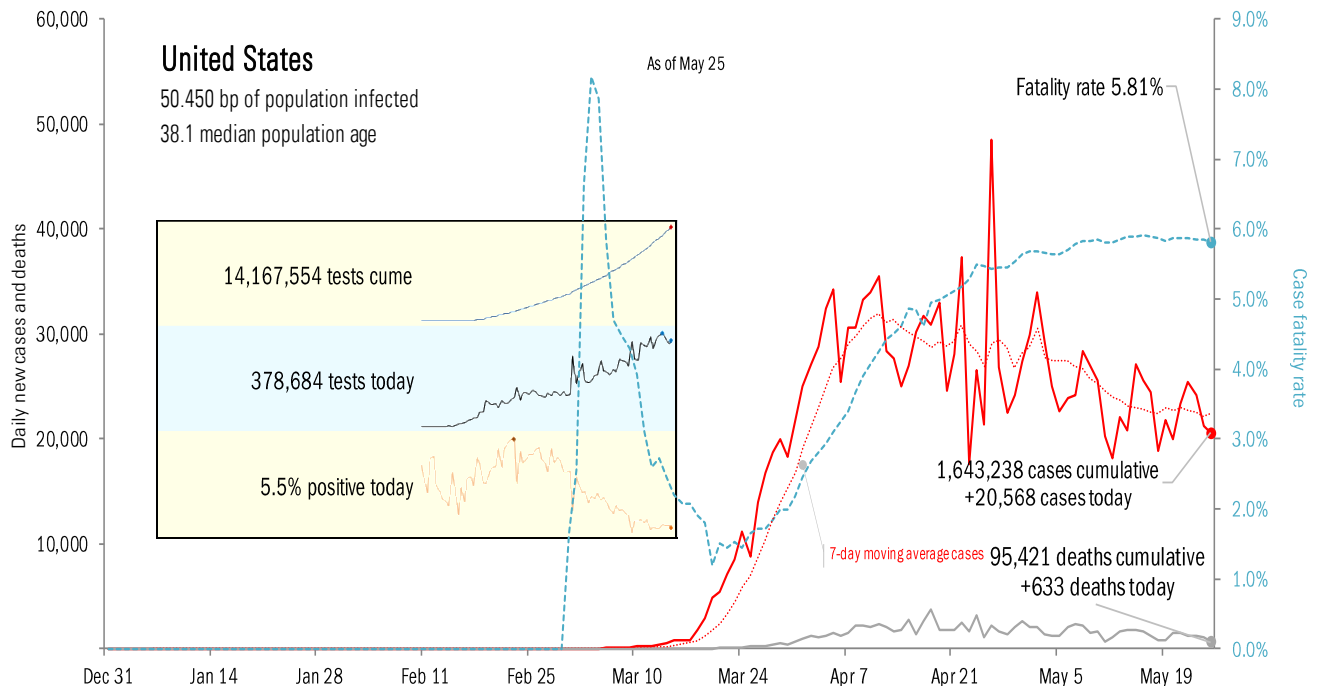
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
IL	+2,508	NY	+109	NY	+261	NY	361,515	NY	23,391	NY	77,295
CA	+2,079	MA	+68	MD	+114	NJ	154,154	NJ	11,133	CT	12,538
NY	+1,589	CA	+66	FL	+71	IL	110,304	MA	6,372	FL	9,638
NJ	+1,050	IL	+66	KY	+55	CA	92,710	MI	5,228	MA	9,308
MA	+1,013	NJ	+52	MN	+54	MA	92,675	PA	5,124	MD	7,939
TX	+839	MD	+34	MA	+48	PA	67,713	IL	4,856	GA	7,439
MD	+818	IN	+33	CH	+39	TX	55,348	CA	3,774	VA	6,453
FL	+740	PA	+28	GA	+28	MI	54,679	CT	3,693	CH	5,476
PA	+730	LA	+22	MS	+27	FL	50,867	LA	2,690	IN	5,285
MN	+728	CT	+18	WA	+26	MD	46,313	FL	2,316	CO	4,105
+12,094		+496		+723		1,086,278		68,577		145,476	
All states	+20,806	All states	+654	All states	+537	All states	1,635,760	All states	91,941	All states	172,574
Top ten	58%	Top ten	76%	Top ten	135%	Top ten	66%	Top ten	75%	Top ten	84%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
NC	-610	PA	-84	UT	-382	PA	+1,108
VA	-304	CH	-71	FL	-124	TX	+1,108
MD	-253	MI	-60	MD	-77	NY	+788
NV	-221	NJ	-44	GA	-70	MN	+630
TX	-221	FL	-40	MA	-50	WI	+311



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

Recommended reading

[Focus on the Covid-19 Death Rate](#)

Gregory van Kipnis
American Institute for Economic Research
May 24, 2020

[UK COVID-19 vaccine trial may fail due to low transmission in population](#)

Donna Rachel Edmunds
Jerusalem Post
May 24, 2020

[‘How Could the CDC Make That Mistake?’](#)

Alexis C. Madrigal and Robinson Meyer
The Atlantic
May 21, 2020

[COVID-19 no longer infectious after 11 days, new study claims](#)

Aaron Reich and Idan Zonshine
Jerusalem Post
May 24, 2020

[Horowitz: The CDC confirms remarkably low coronavirus death rate. Where is the media?](#)

Daniel Horowitz
Conservative Review
May 22, 2020

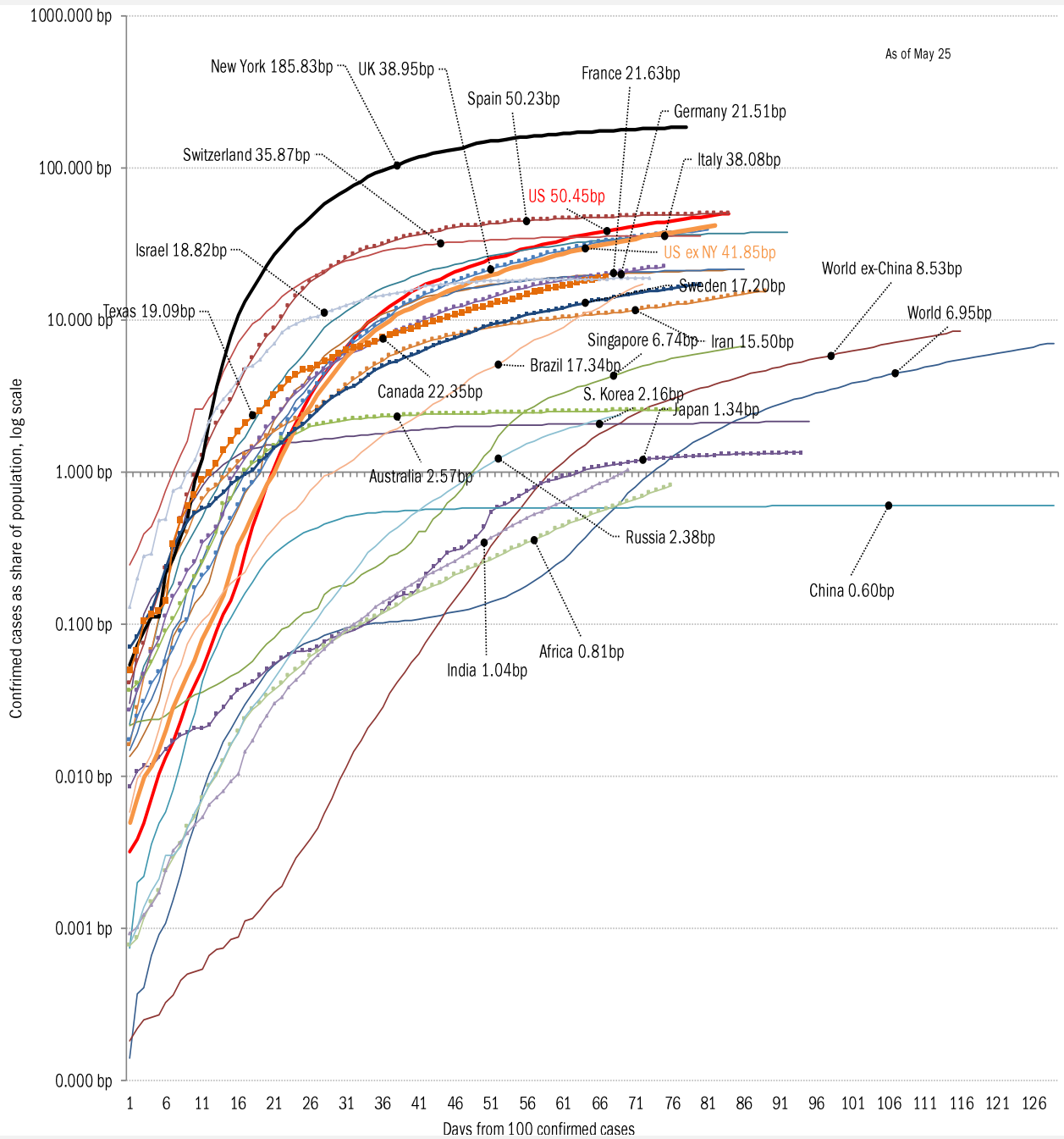
Meme of the day

Gary Varvel
©2020 CREATORS.COM



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

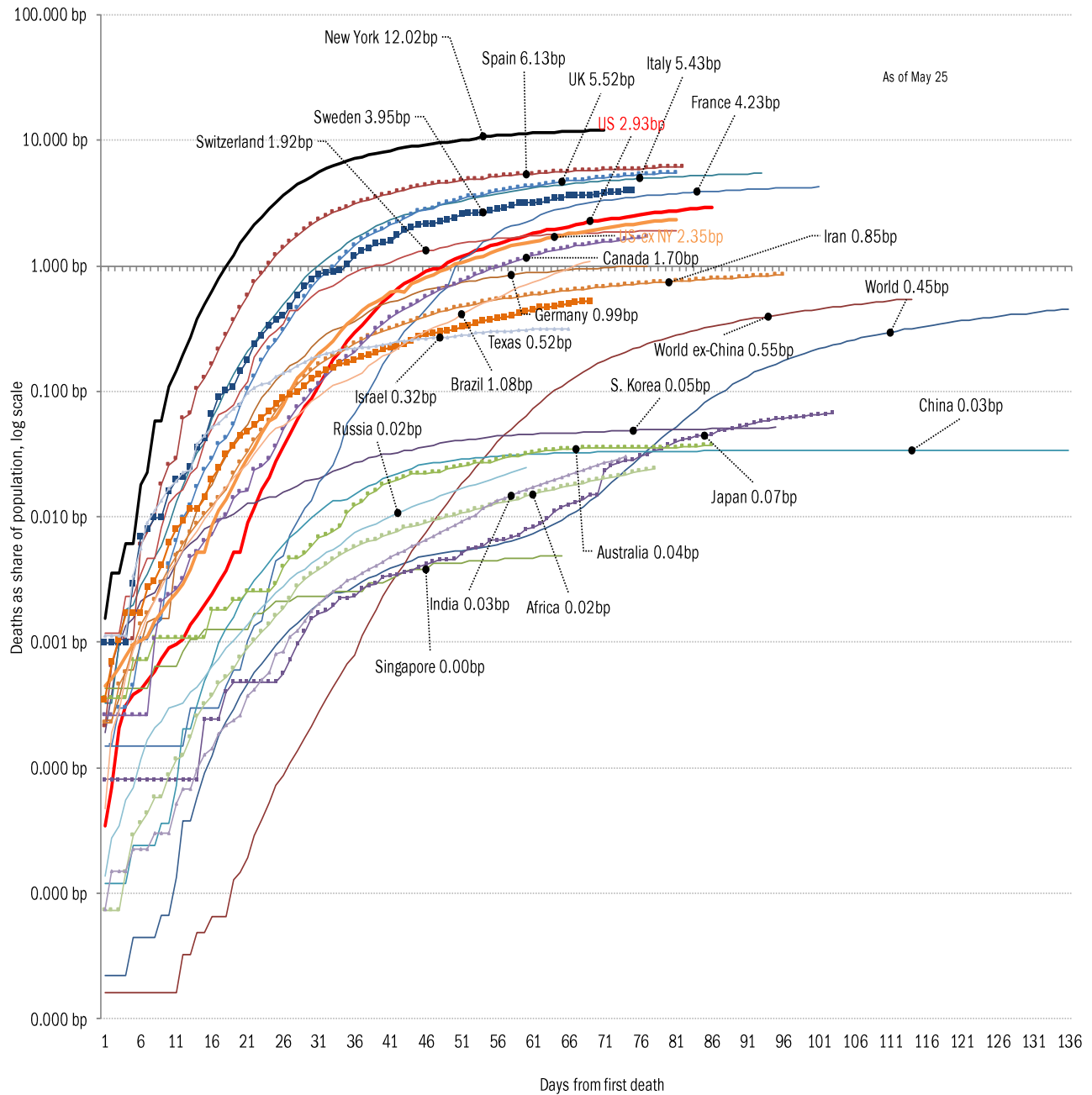
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

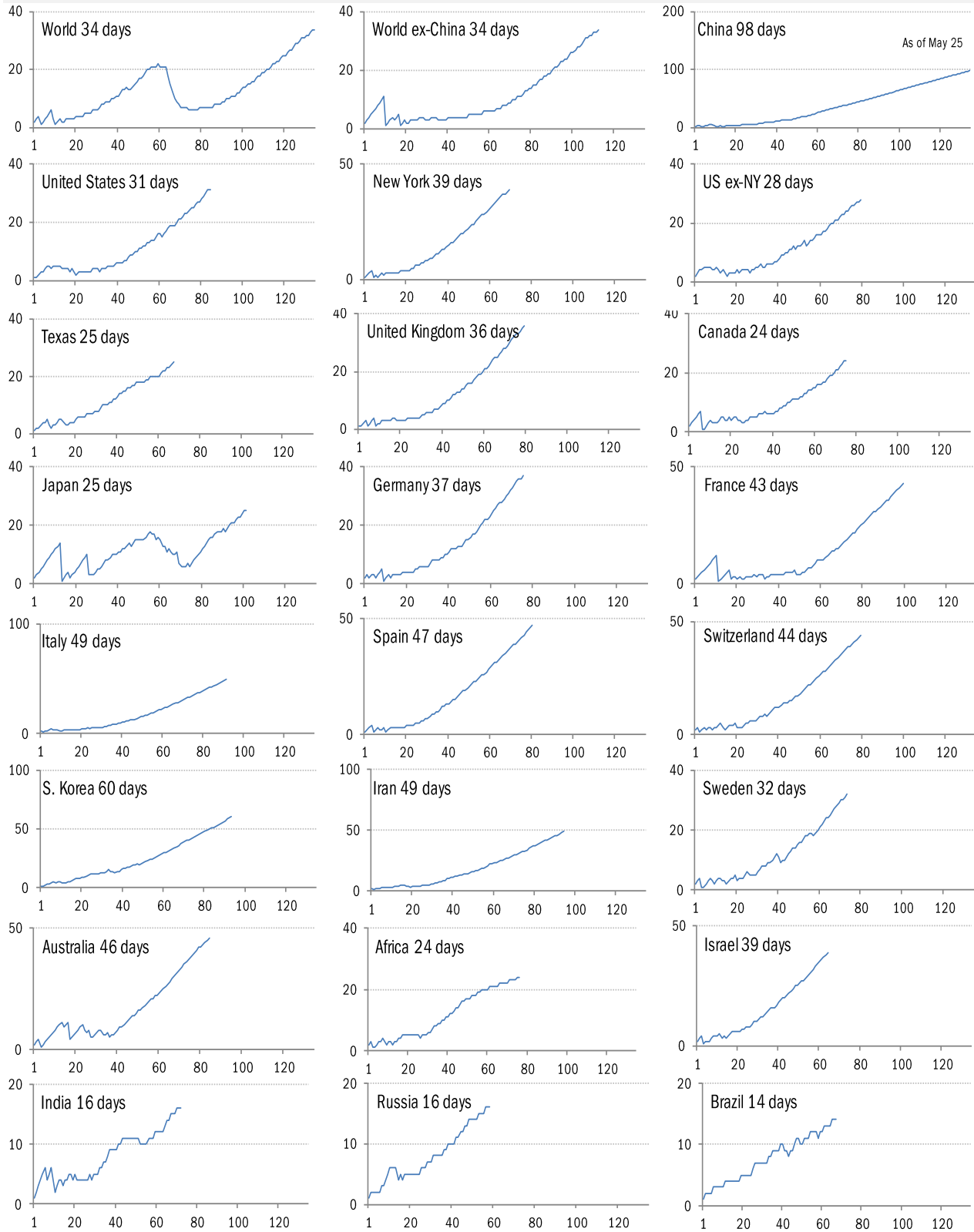
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

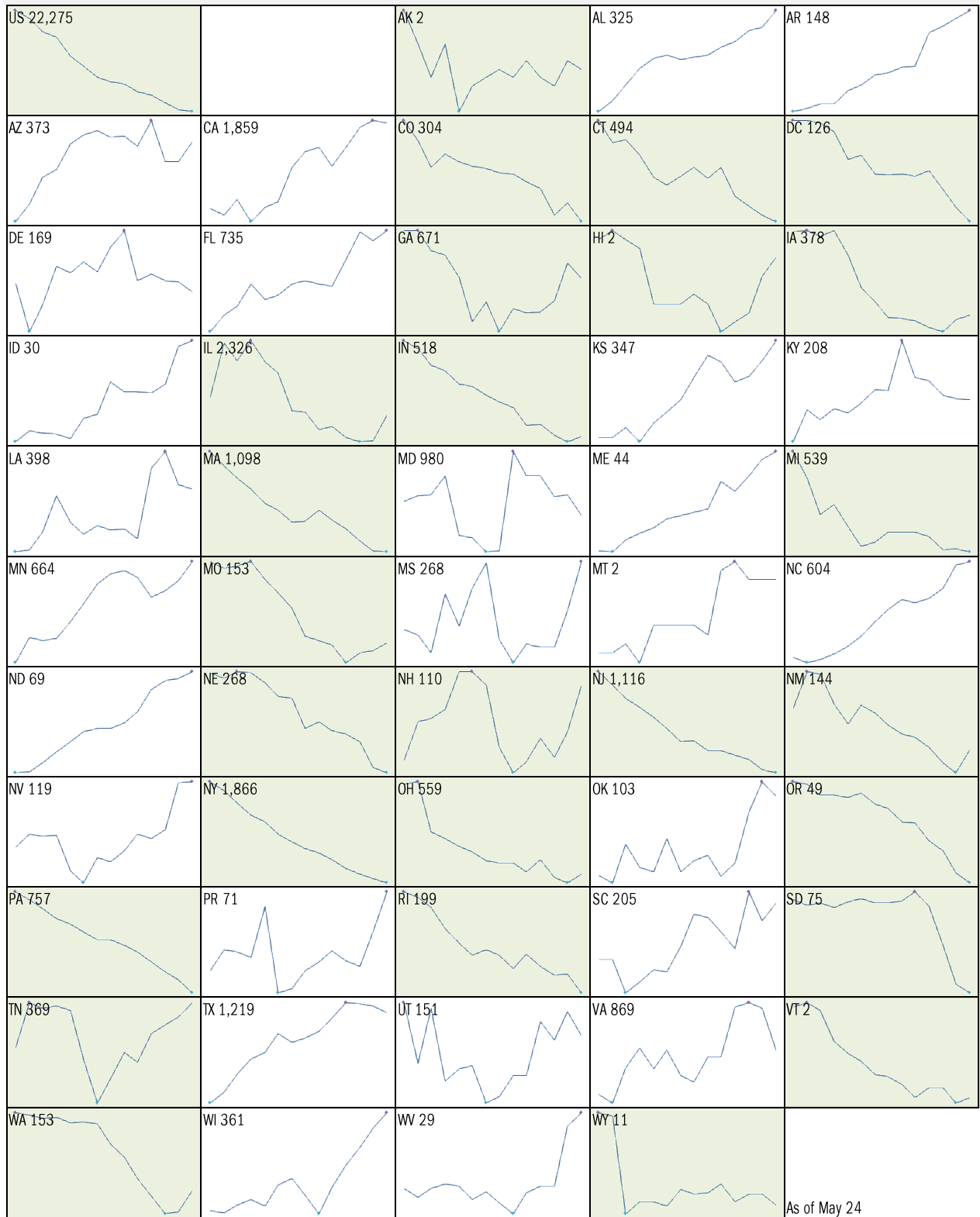
Our most reliable evidence of slowing exponential growth of Covid-2019

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



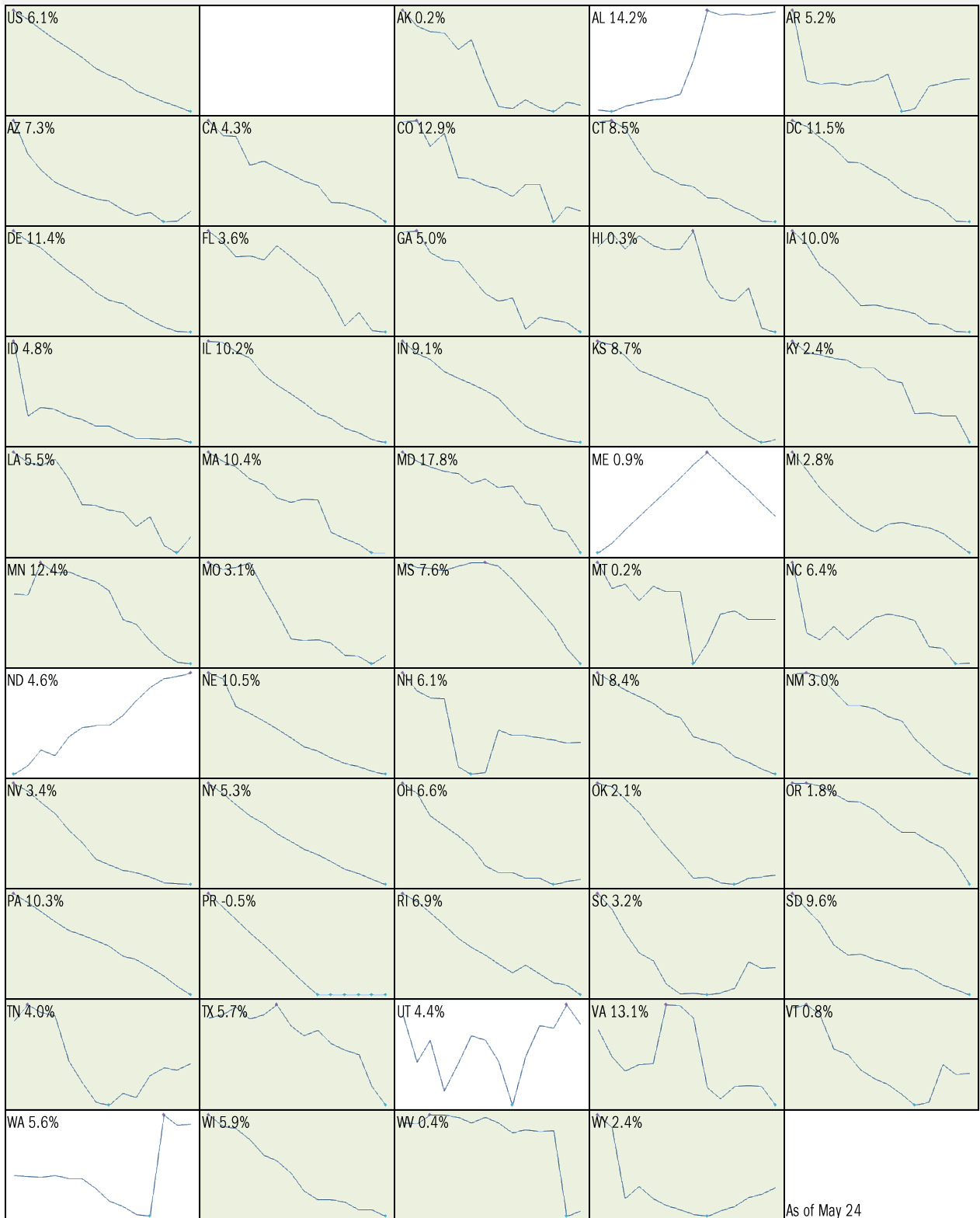
Source: [ECDC](#), TrendMacro calculations

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



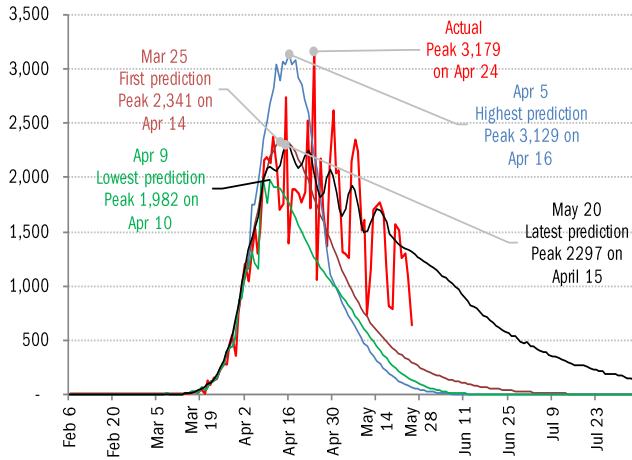
Source: [Covid Tracking Project](#), TrendMacro calculations

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

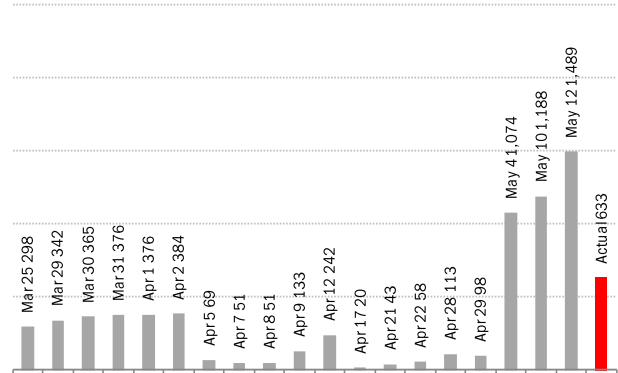
New daily fatalities

As of May 25

Actual versus first, highest and latest model mean predictions

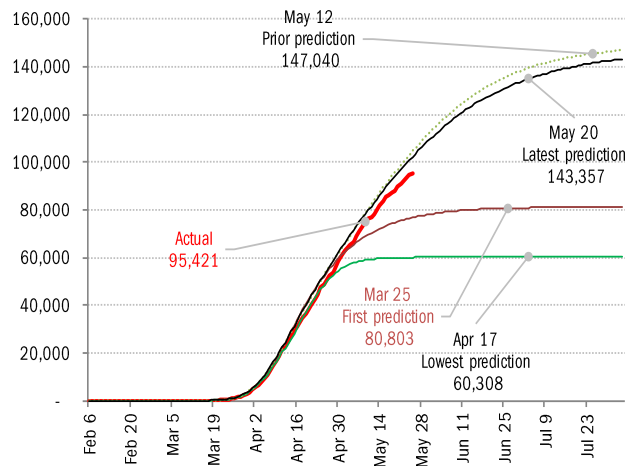


For this day, versus all model mean predictions

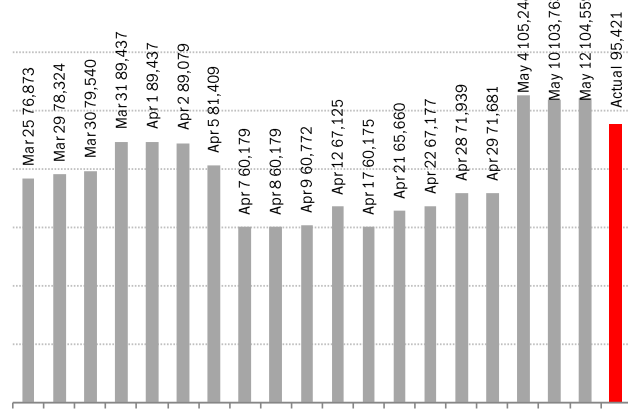


Cumulative fatalities

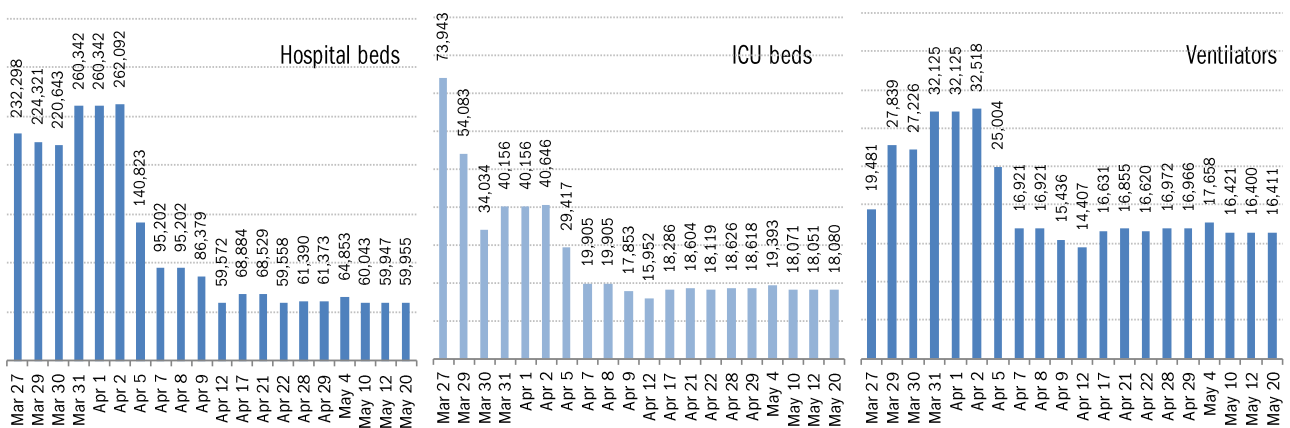
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

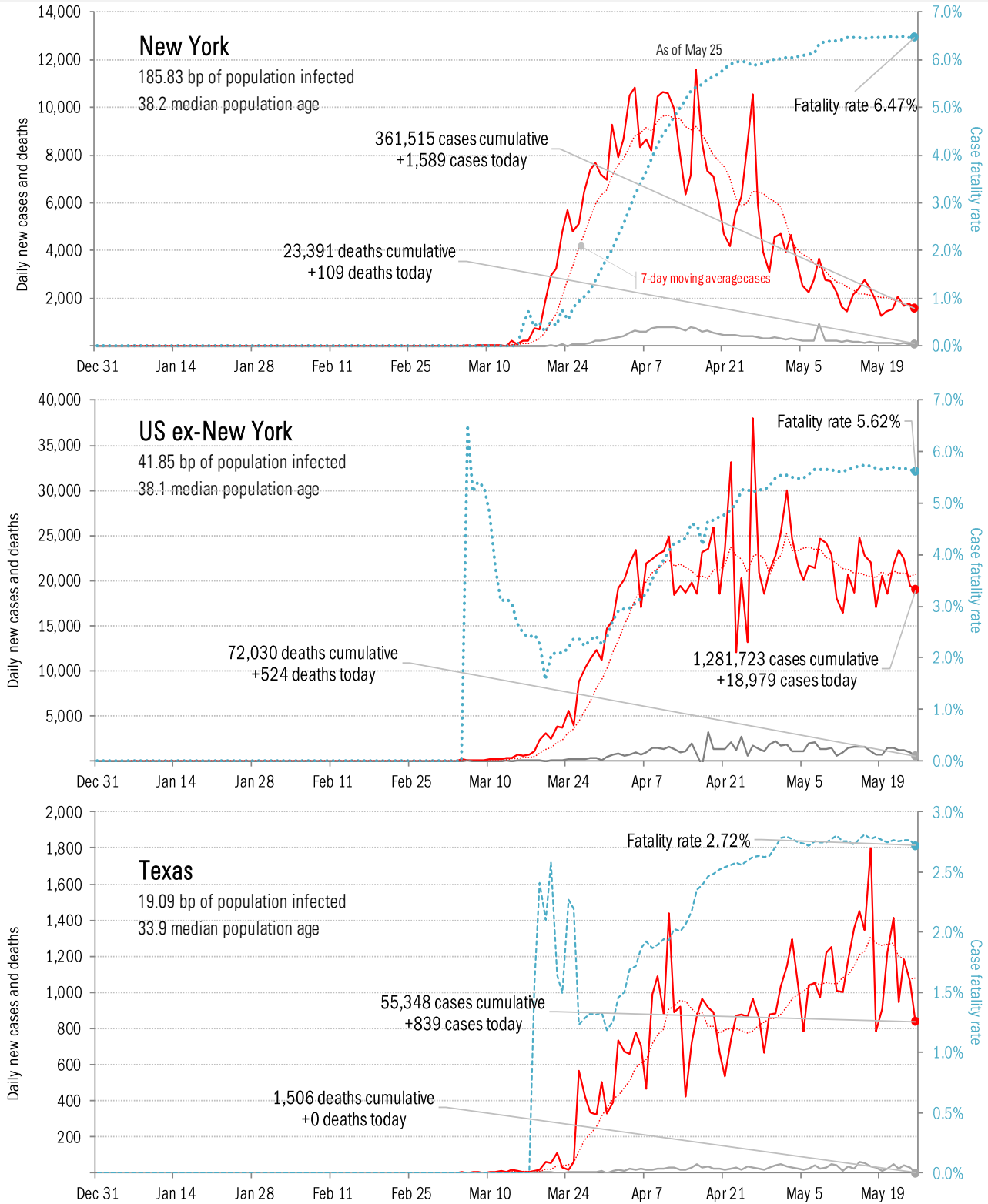


Healthcare system stress, peak estimated at each model revision



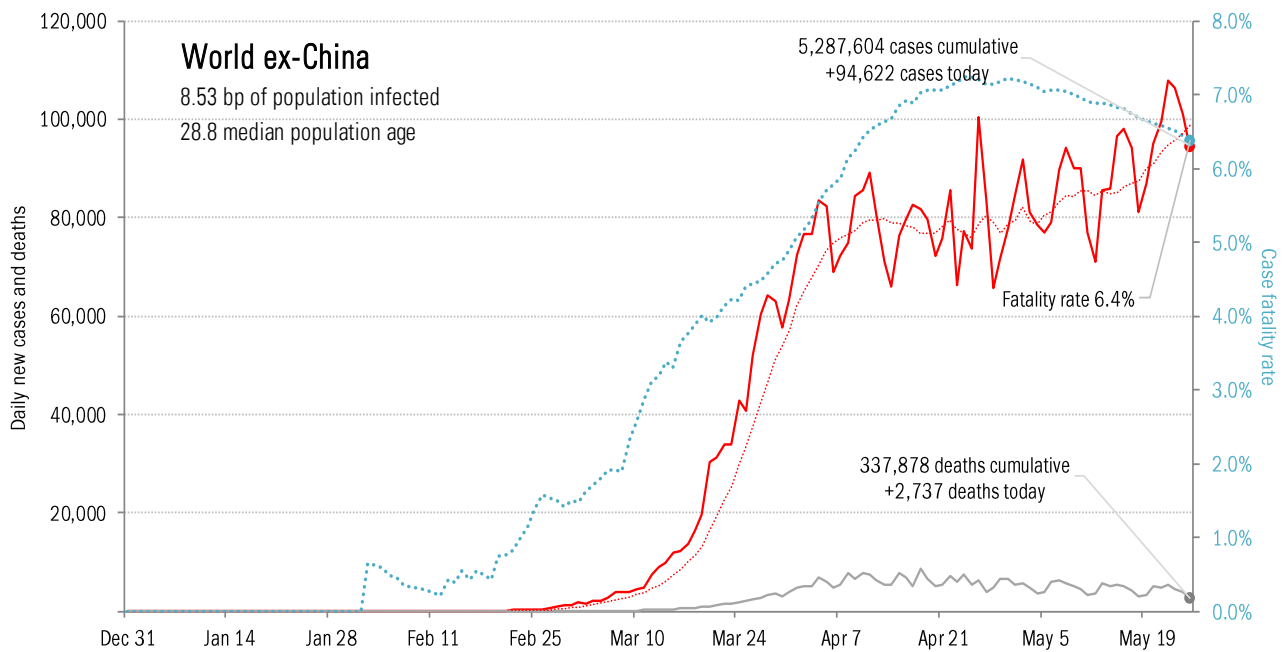
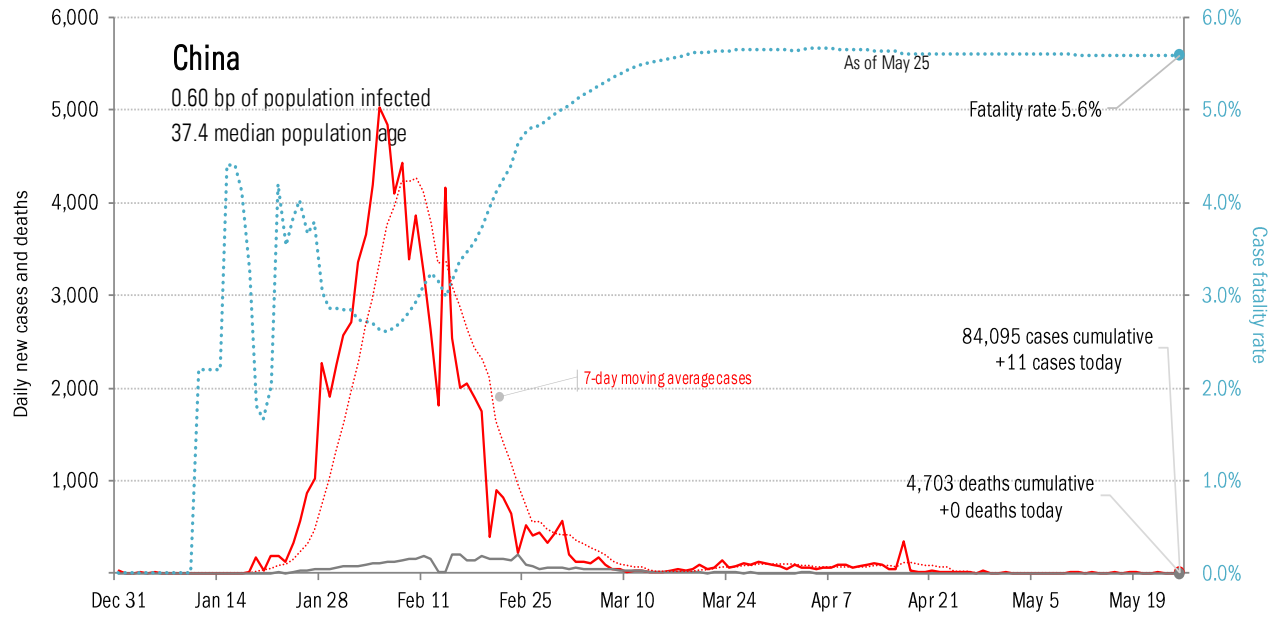
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



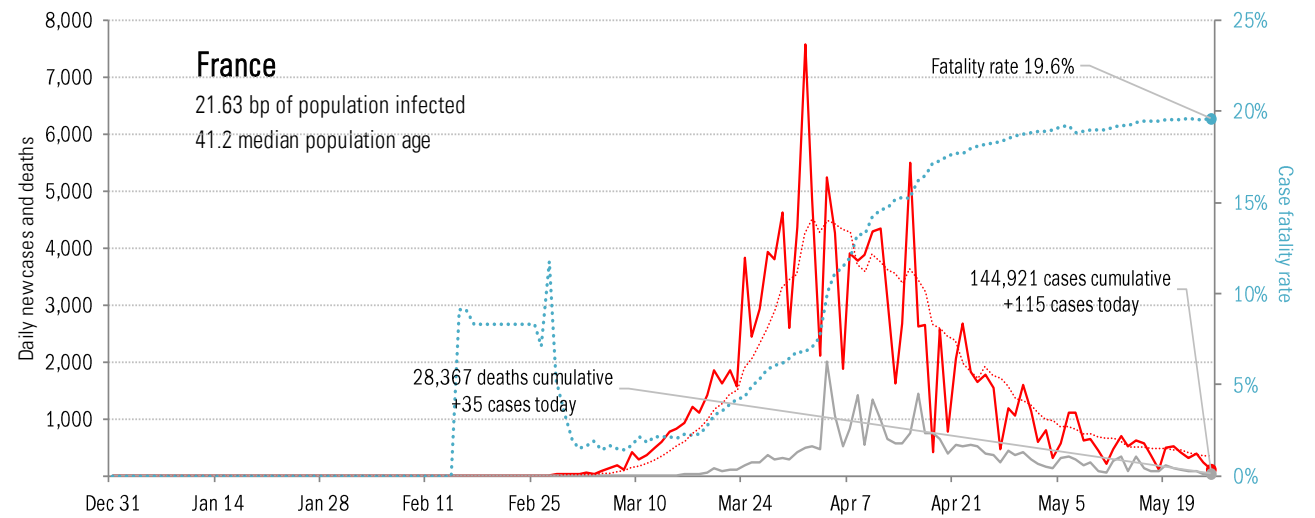
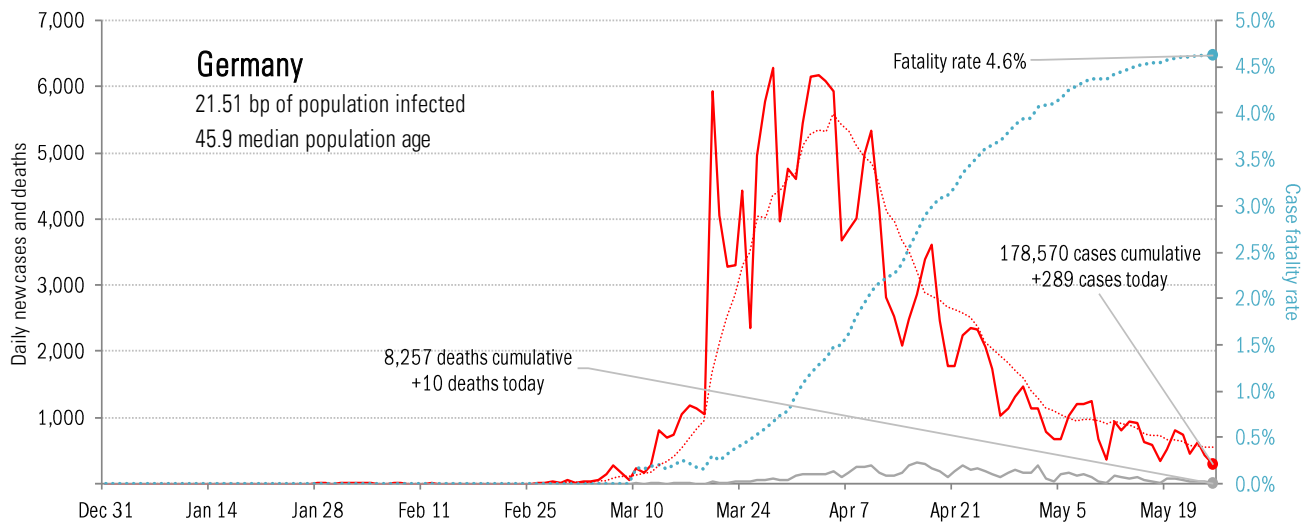
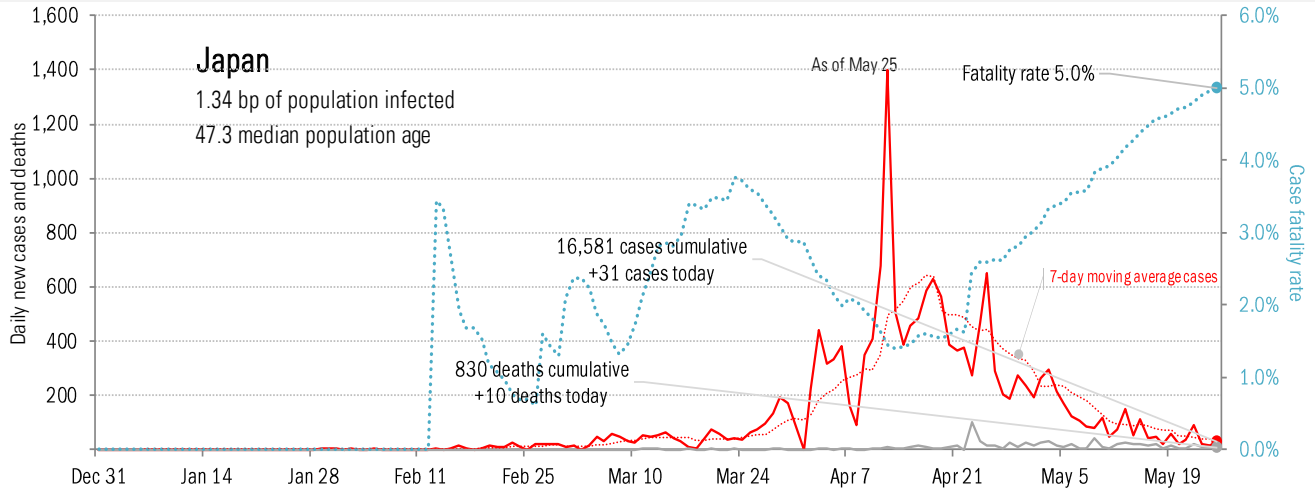
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



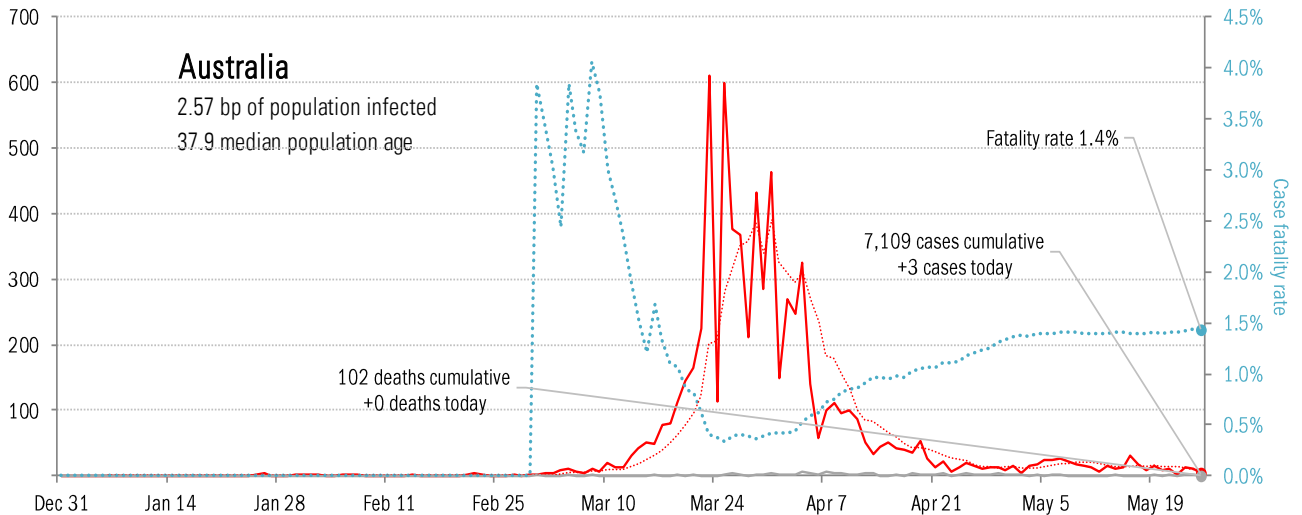
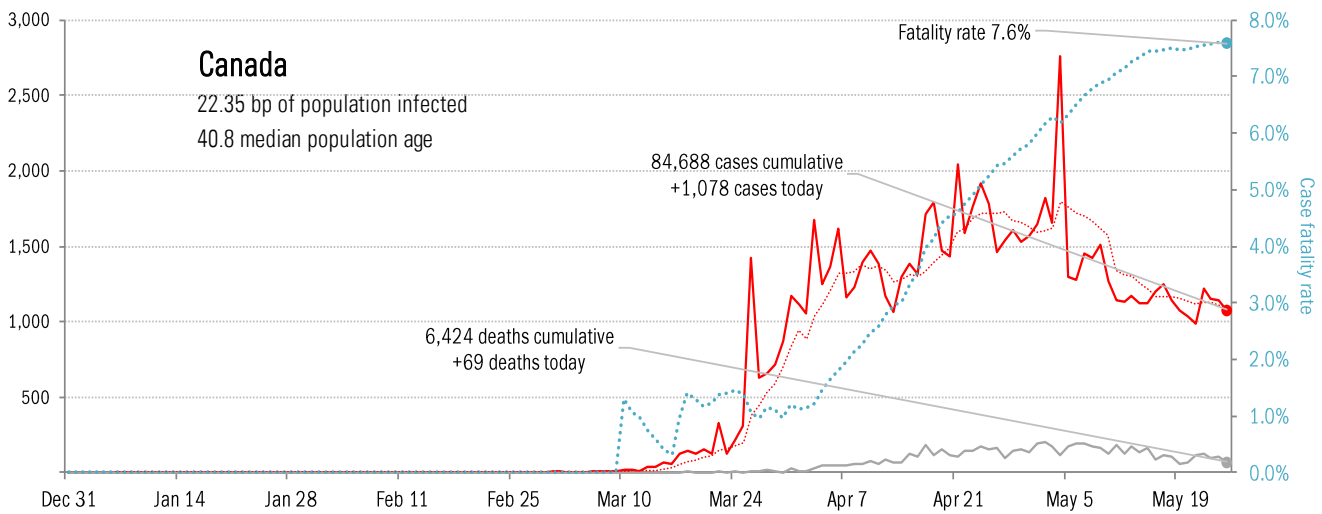
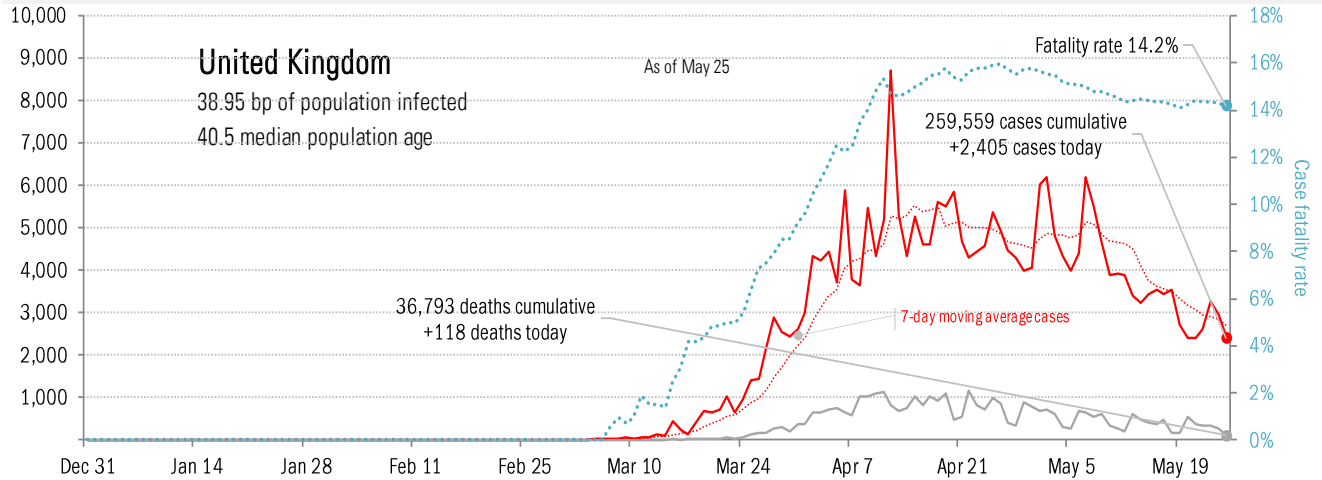
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



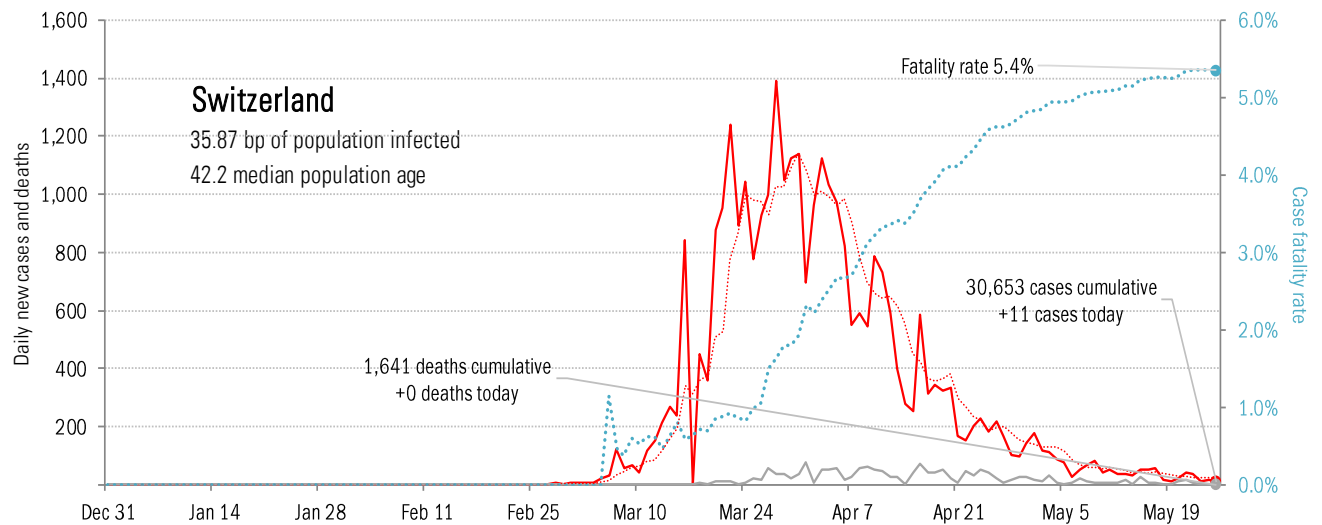
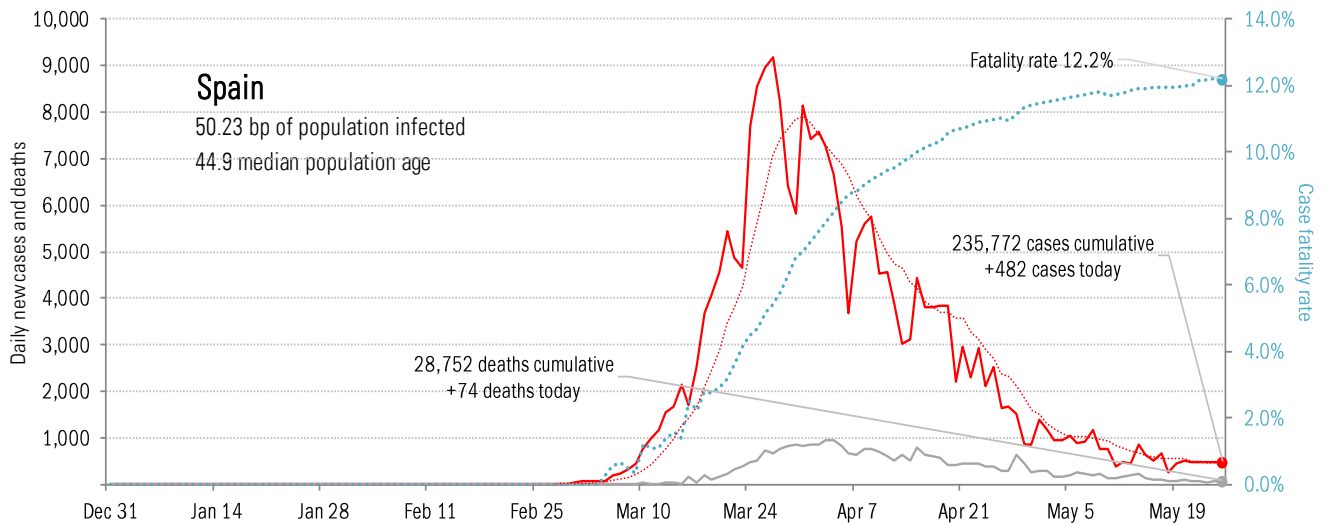
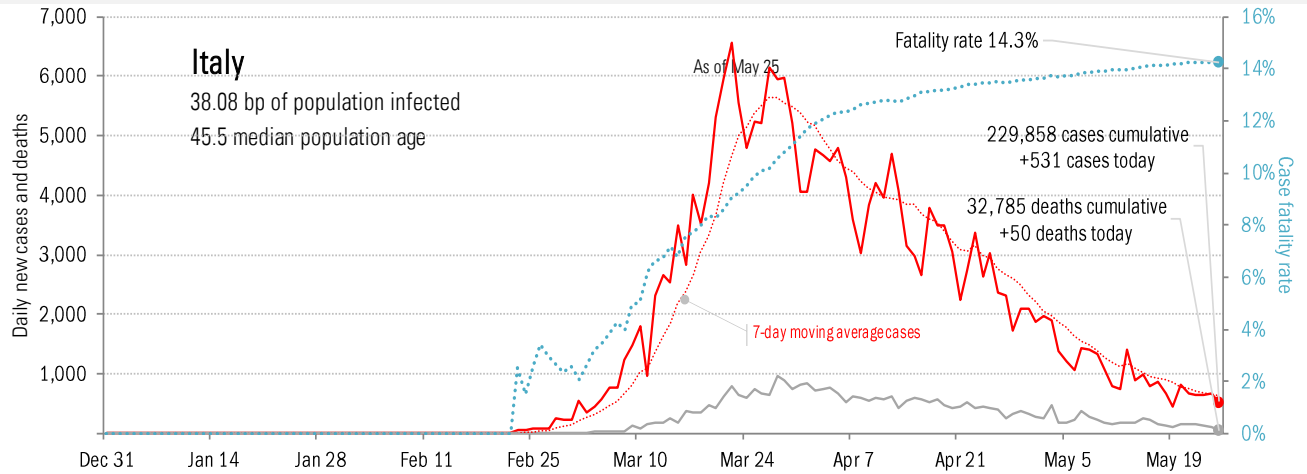
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



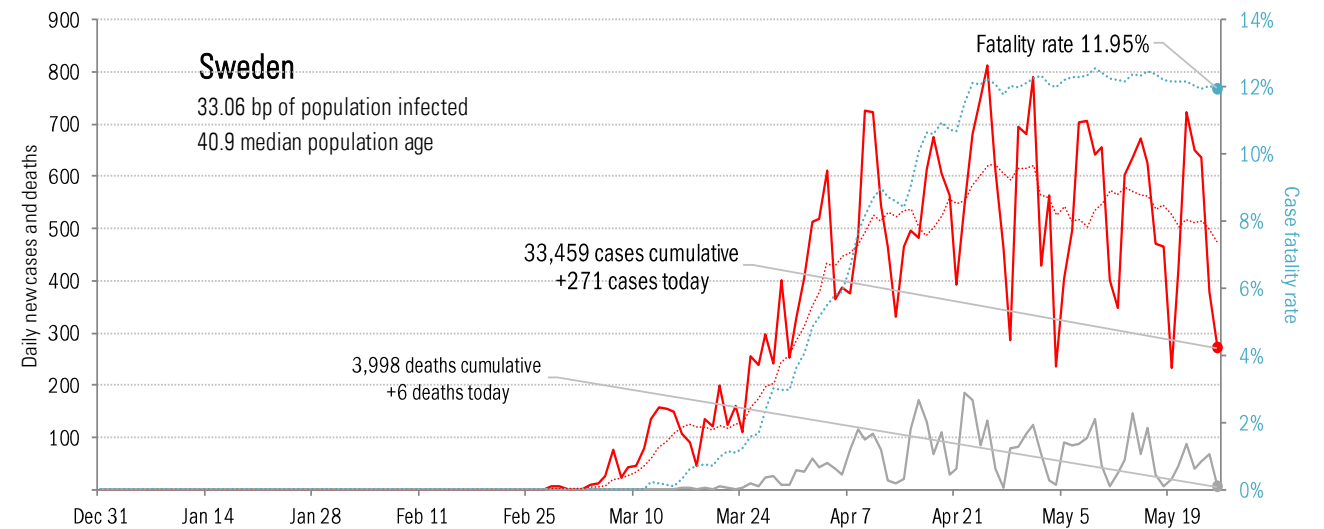
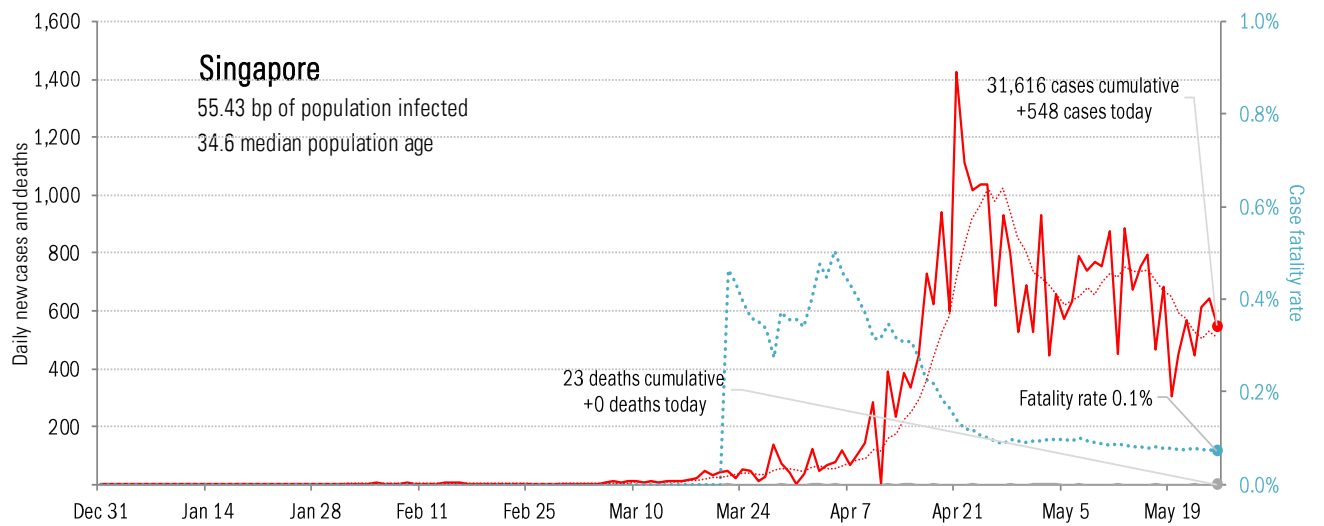
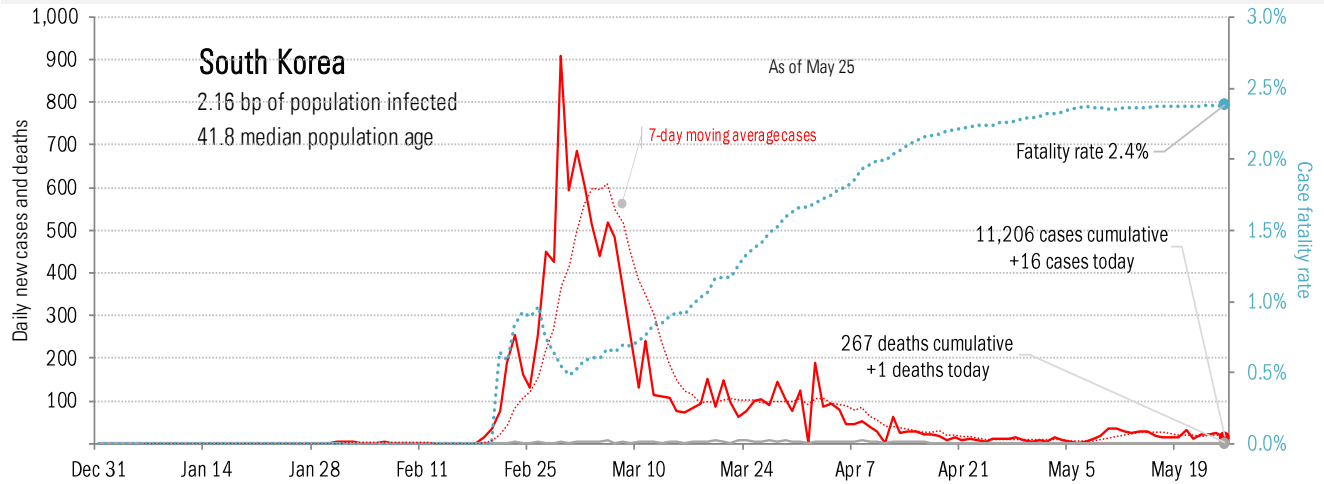
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



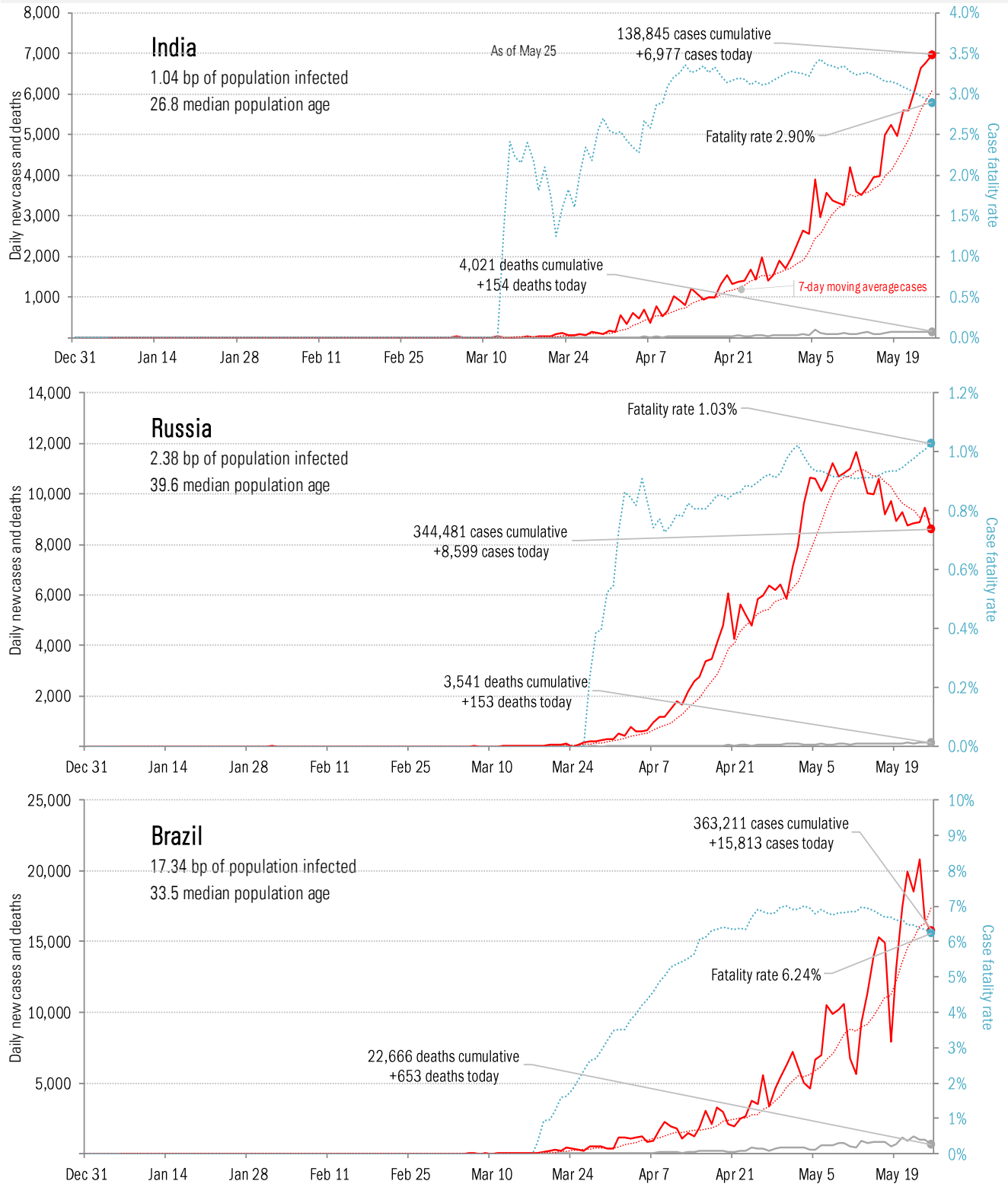
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



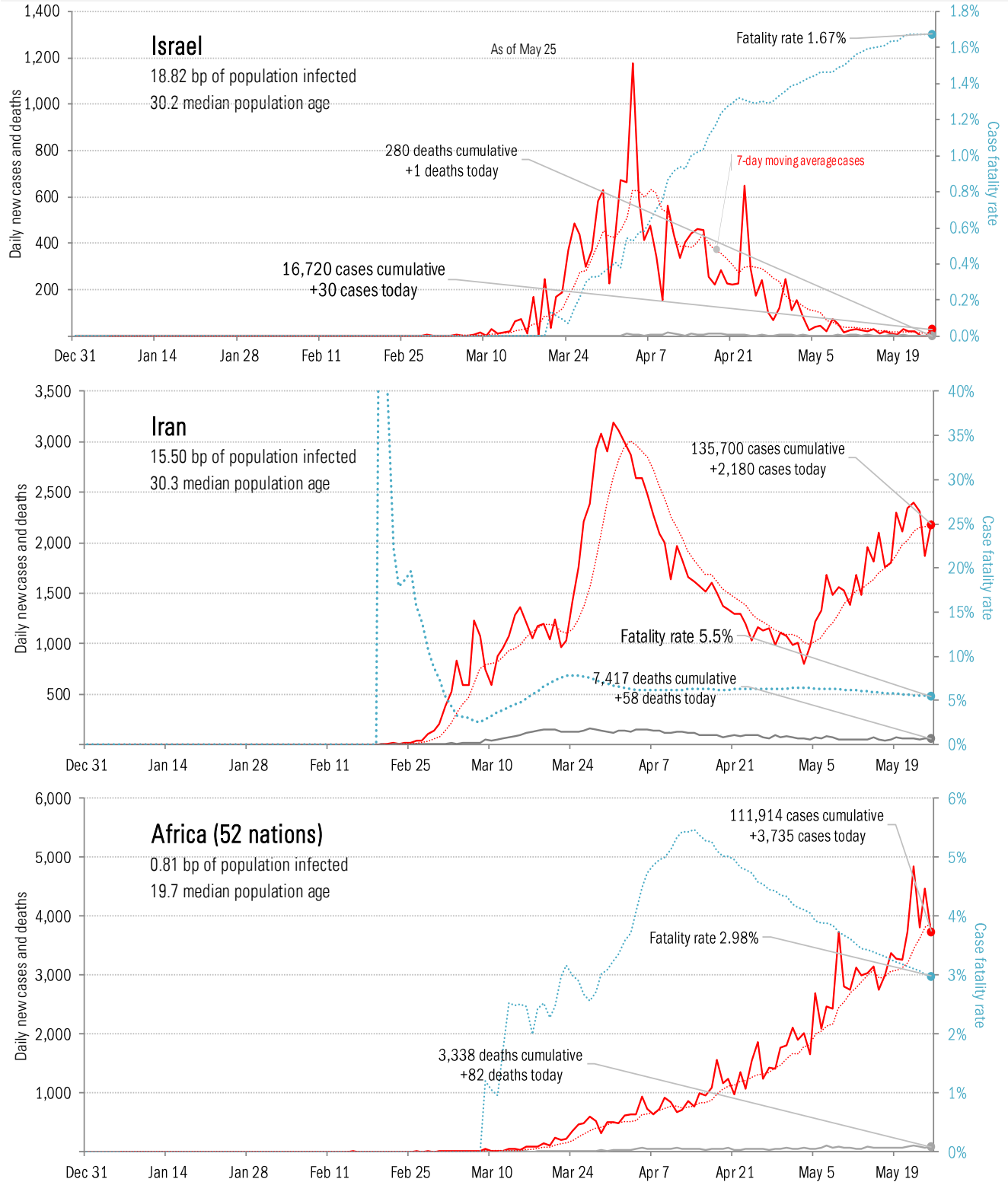
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations