

Data Insights: Covid-2019 Monitor

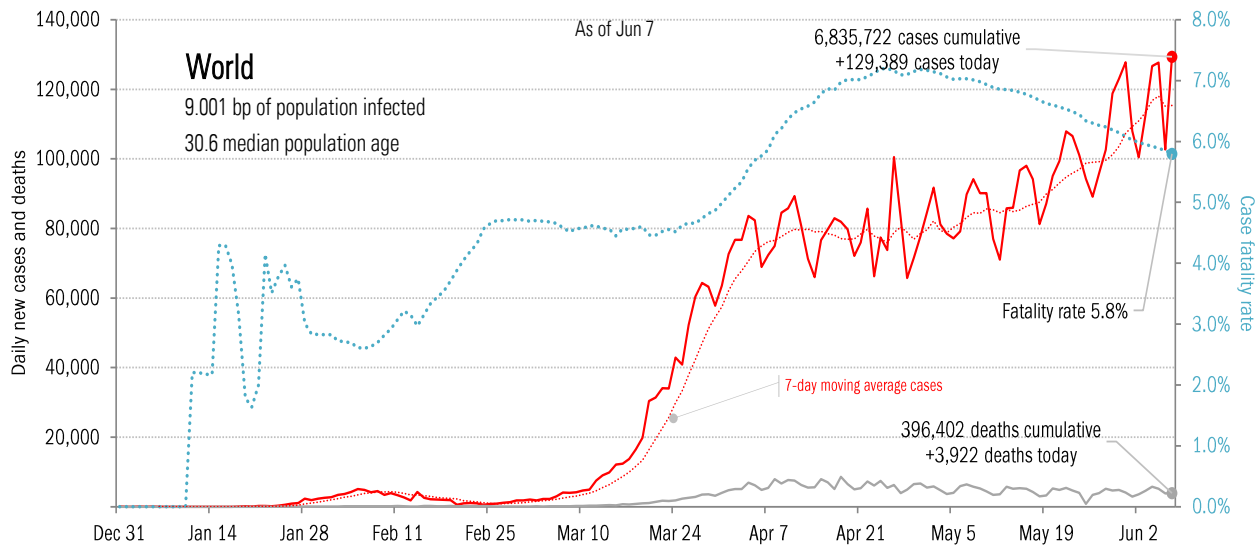
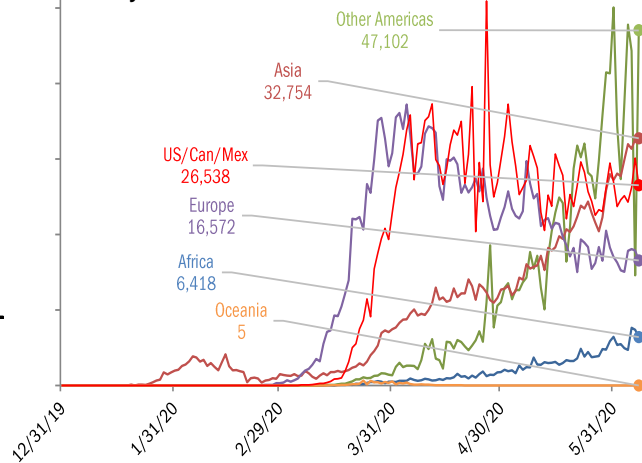
Sunday, June 7, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+30,830	Brazil	+1,005
US	+22,223	US	+659
India	+9,971	Mexico	+341
Russia	+8,855	India	+287
Chile	+5,246	UK	+204
Pakistan	+4,960	Russia	+197
Peru	+4,358	Peru	+139
Mexico	+3,593	Chile	+93
Saudi	+3,121	Iran	+75
Bangladesh	+2,635	Ecuador	+74
+95,792		+3,074	
World	+129,389	World	+3,922
Top ten	74%	Top ten	78%

New confirmed cases by continent



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

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The US scorecard

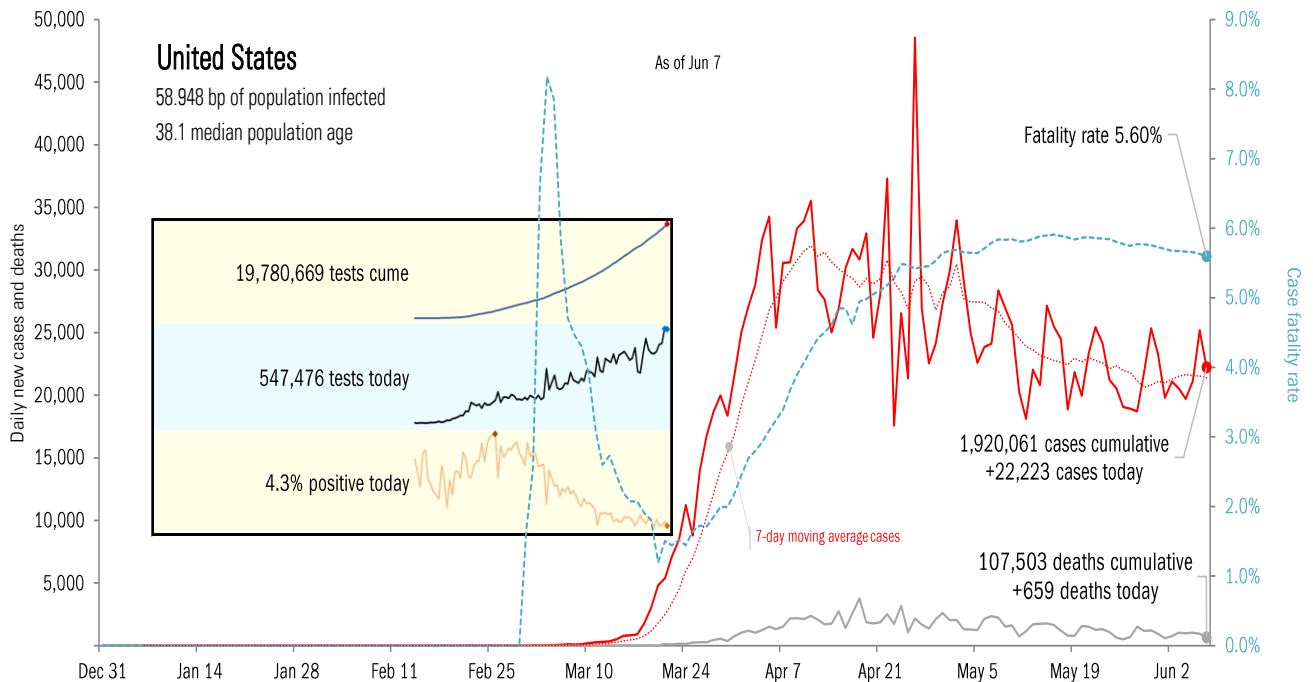
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
CA	+3,115	CA	+74	NJ	+143	NY	377,316	NY	24,212	NY	89,995
TX	+1,940	IL	+69	MD	+105	NJ	163,893	NJ	12,106	NJ	18,023
NC	+1,370	NJ	+57	FL	+97	IL	126,890	MA	7,289	FL	11,163
FL	+1,270	MA	+54	CH	+75	CA	126,016	PA	5,931	MA	10,369
AZ	+1,119	PA	+45	NM	+73	MA	103,132	MI	5,891	CT	9,669
NY	+1,108	MD	+38	MA	+66	PA	75,706	IL	5,864	MD	9,451
IL	+975	NY	+37	AZ	+55	TX	73,553	CA	4,559	GA	8,662
VA	+865	MI	+36	AK	+48	MI	63,983	CT	4,055	VA	7,553
MD	+712	IN	+34	MN	+47	FL	62,758	LA	2,925	CH	6,460
PA	+701	TX	+31	AR	+46	MD	57,482	FL	2,773	IN	6,091
+13,175		+475		+755		1,230,729		75,605		177,436	
All states	+23,326	All states	+746	All states	+1,007	All states	1,916,053	All states	103,947	All states	216,259
Top ten	56%	Top ten	64%	Top ten	75%	Top ten	64%	Top ten	73%	Top ten	82%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
MI	-4,854	MI	-224	MS	-135	MI	+3,942
AZ	-460	GA	-27	NJ	-133	TX	+1,030
SC	-448	FL	-26	VA	-91	PA	+491
NJ	-249	PA	-24	GA	-73	WI	+433
KS	-223	NJ	-22	FL	-46	IN	+412



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

Recommended reading

[Brazil Takes Down COVID-19 Data, Hiding Soaring Death Toll](#)

Reuters

June 6, 2020

[Ozone therapy for patients with SARS-COV-2 pneumonia: a single-center prospective cohort study](#)

Alberto Hernandez et al.

medRxiv

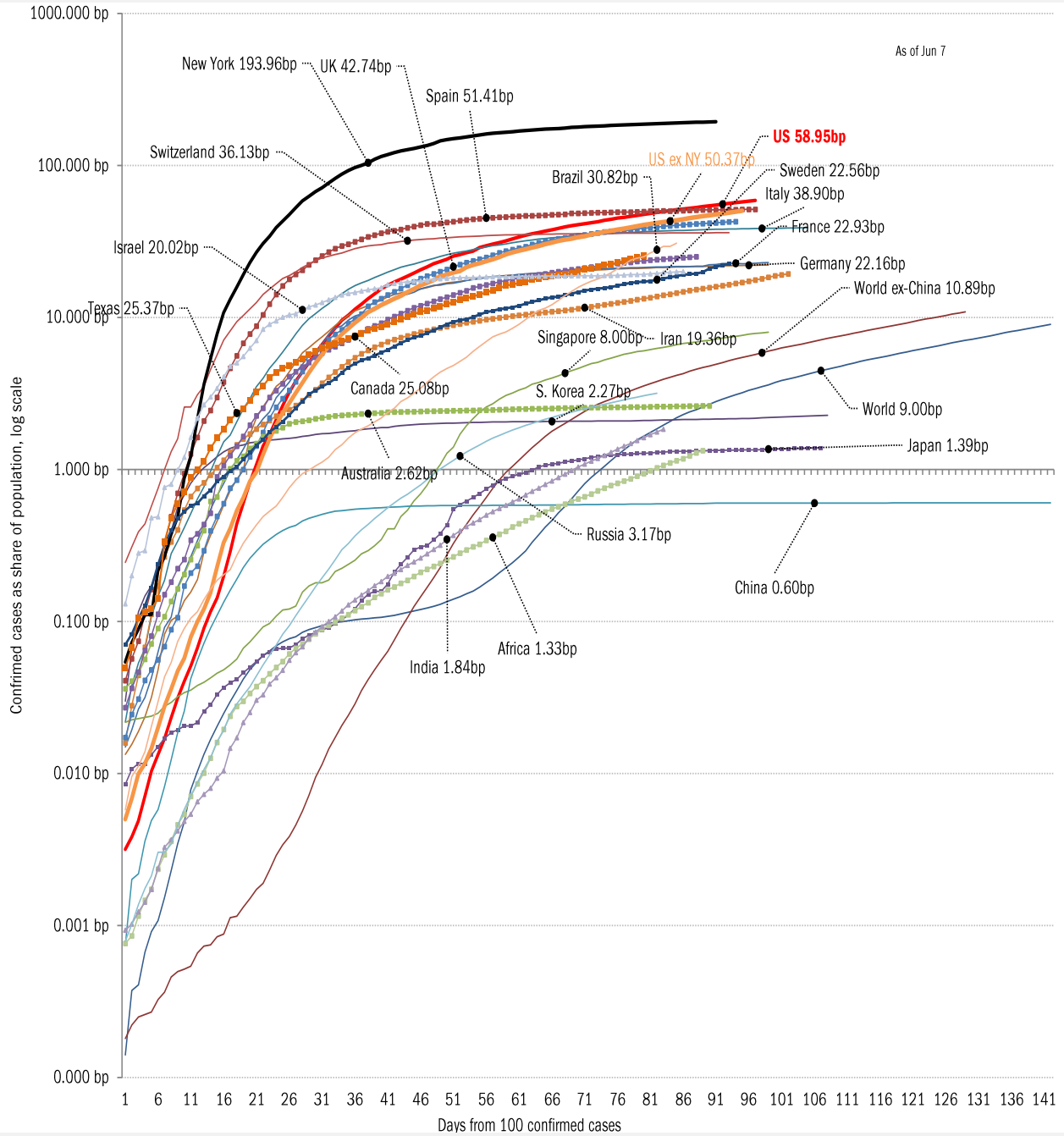
June 3, 2020

Meme of the day



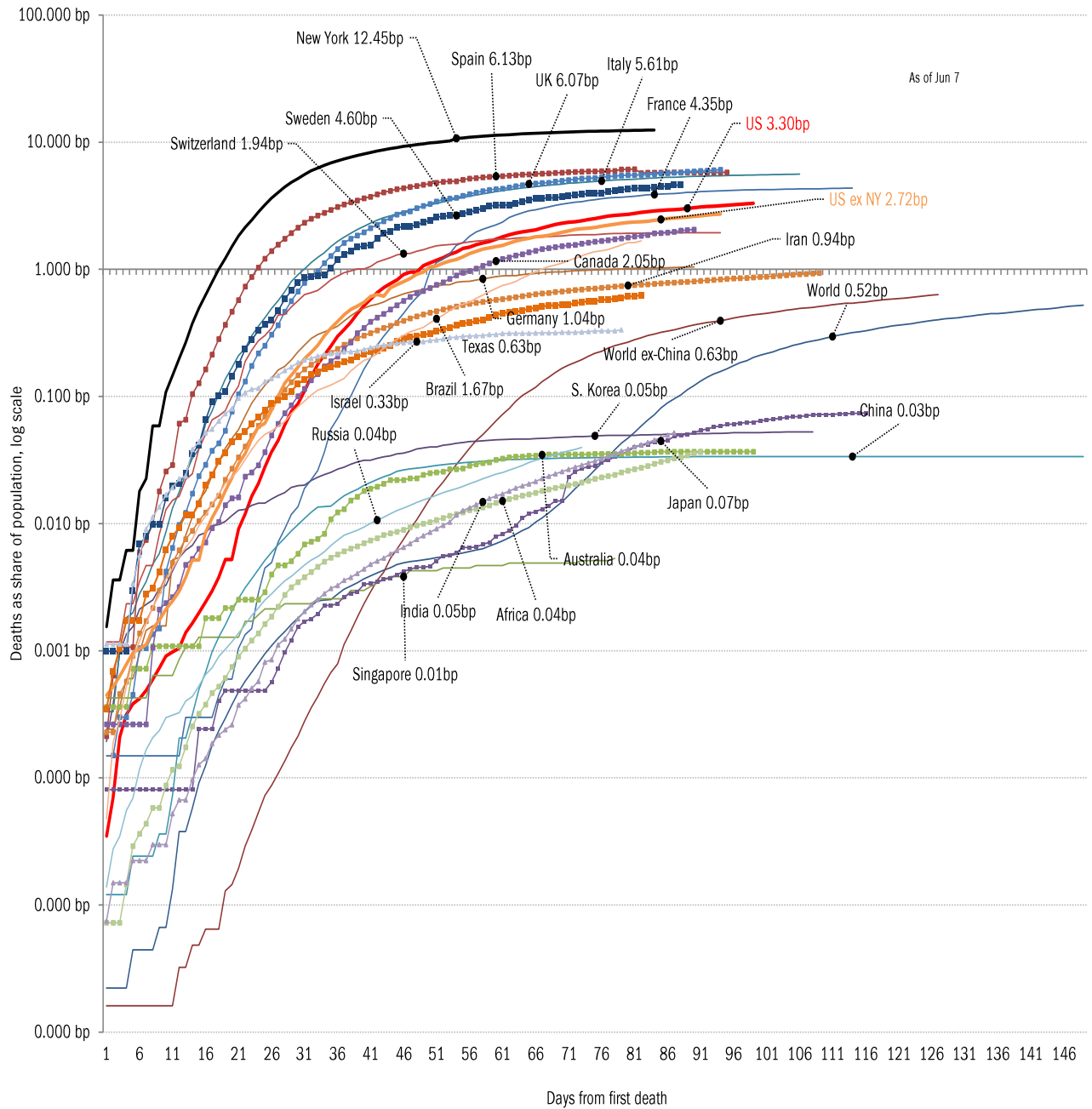
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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

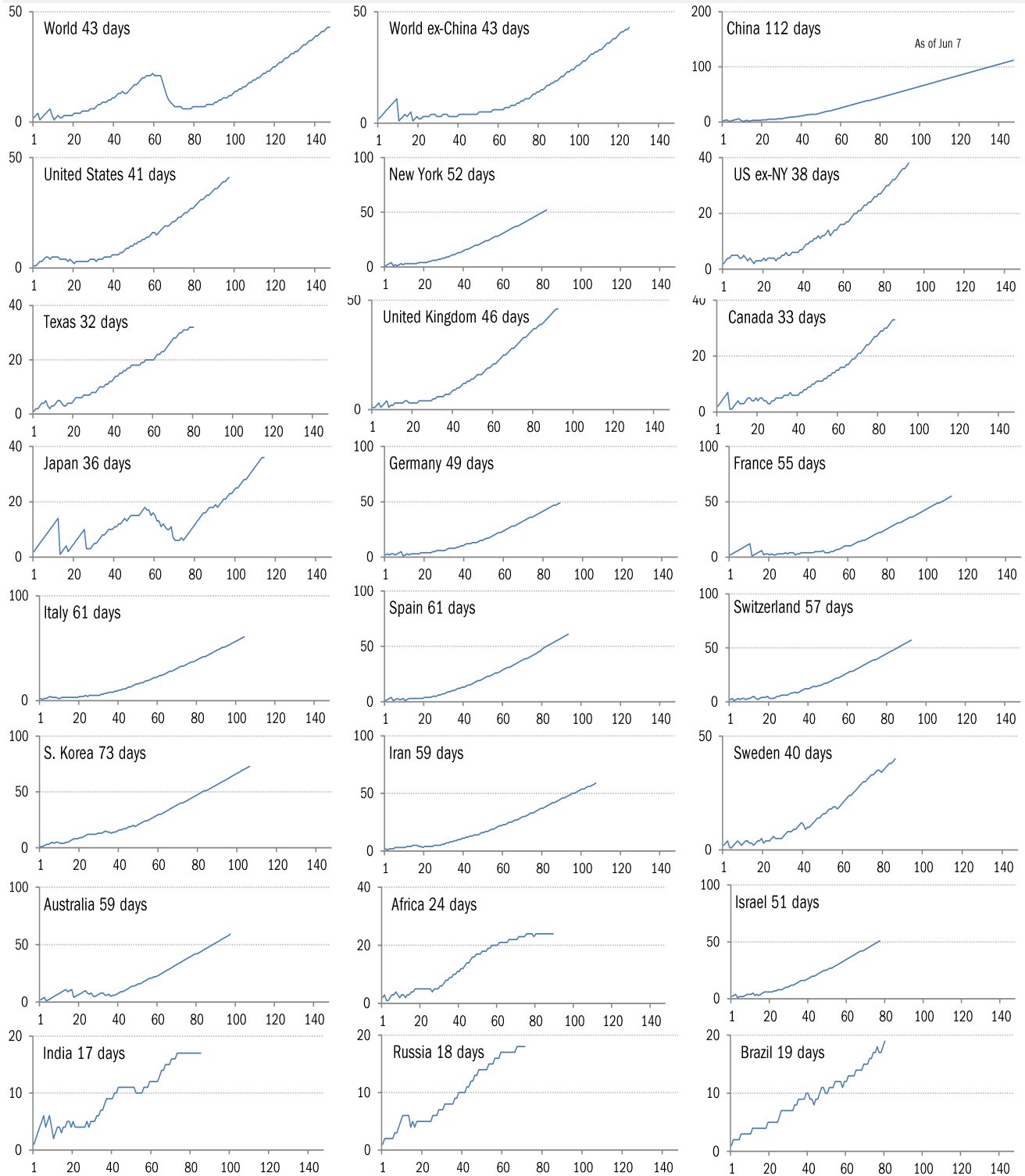
The coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

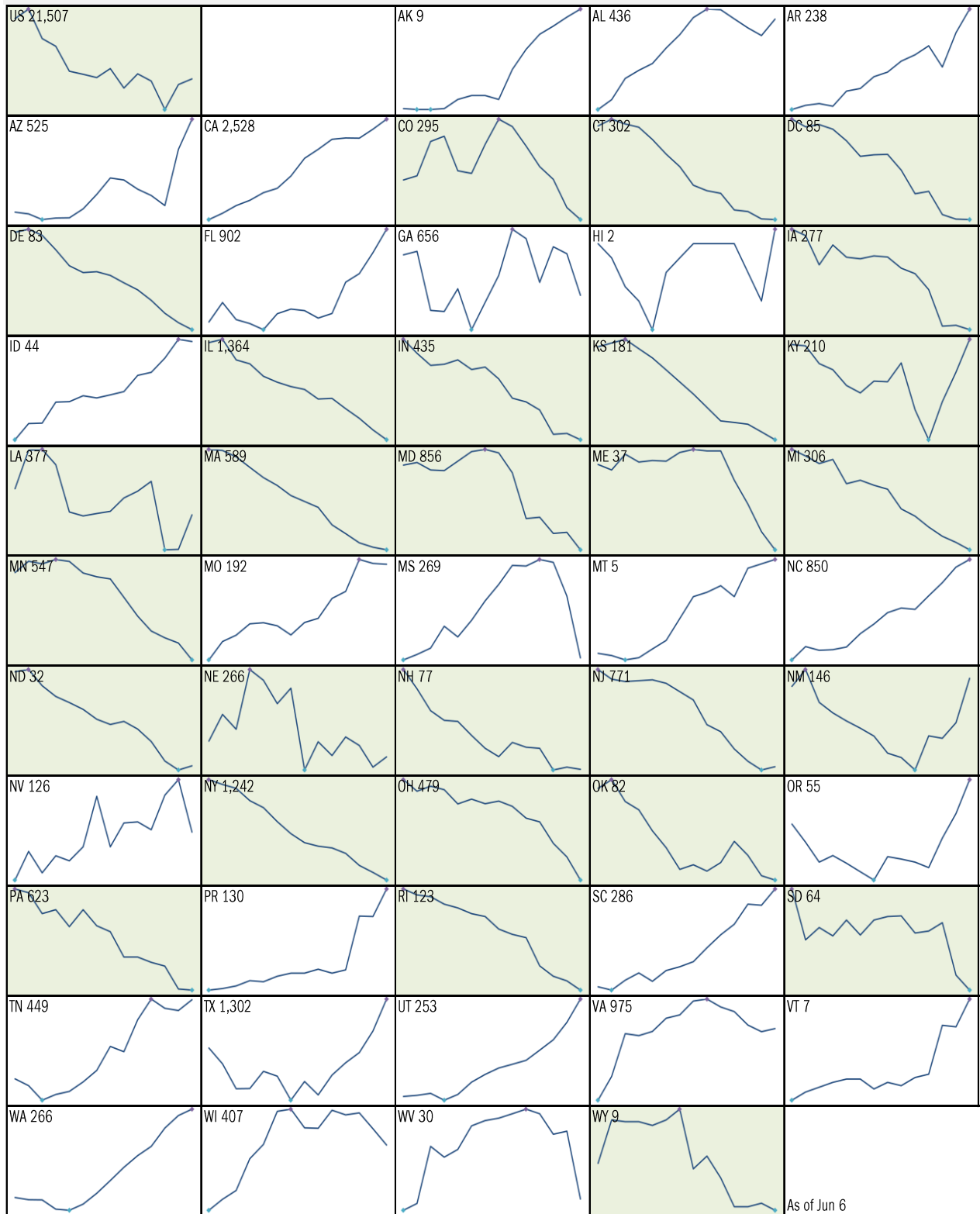
Our most reliable evidence of slowing exponential growth of Covid-2019

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



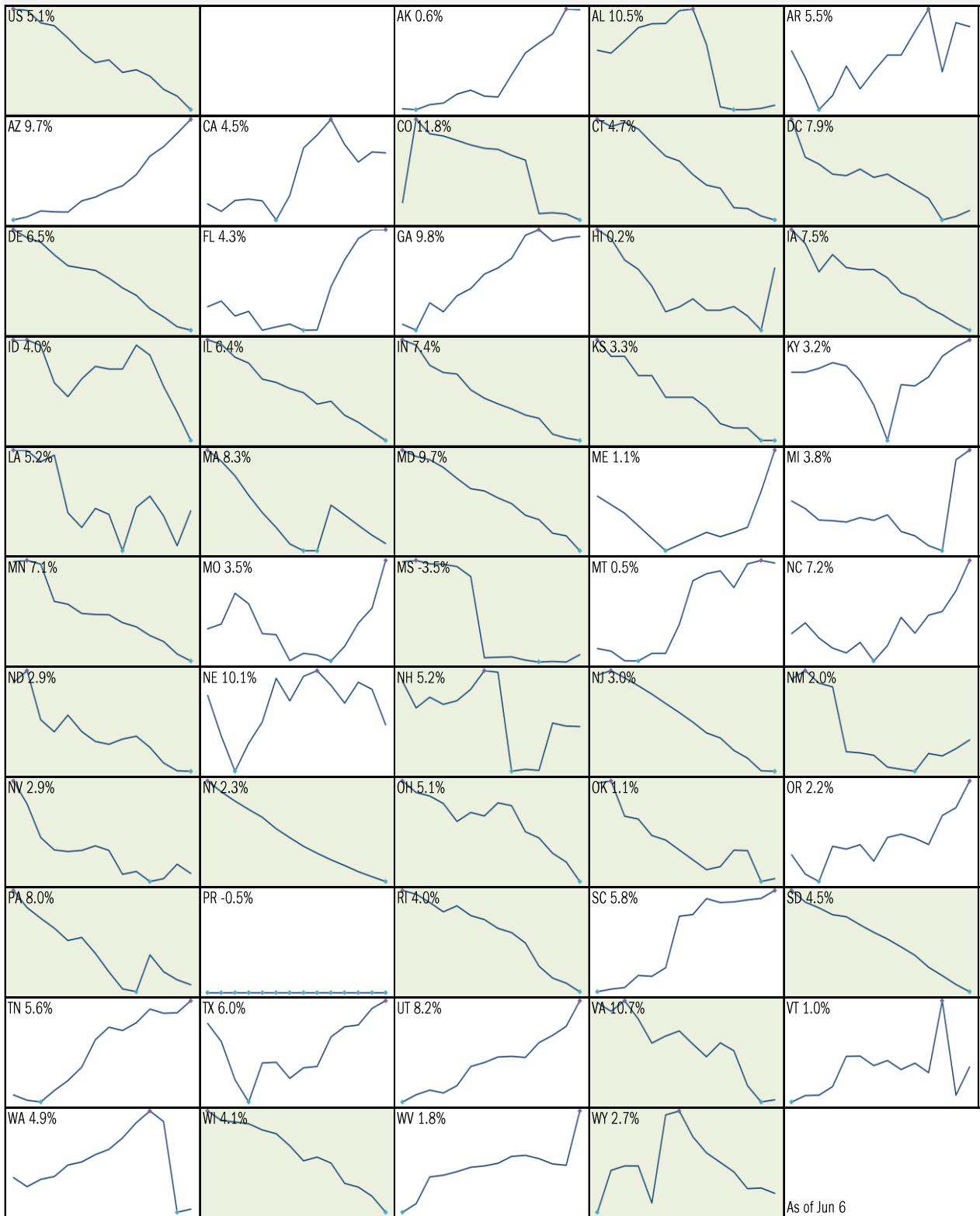
Source: [ECDC](#), TrendMacro calculations

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



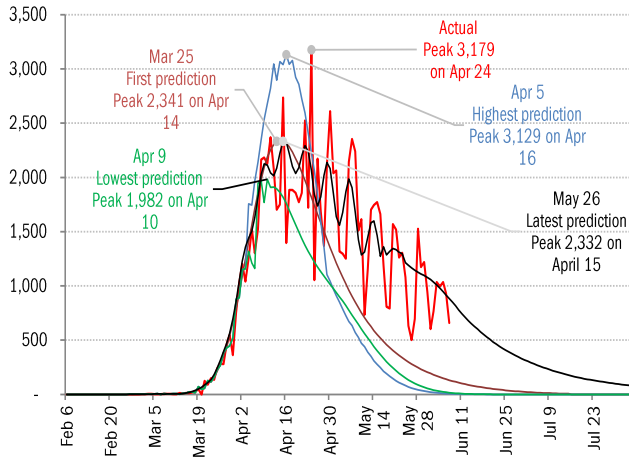
Source: [Covid Tracking Project](#), TrendMacro calculations

Reality-checking the models: actuals *versus* IHME predictions

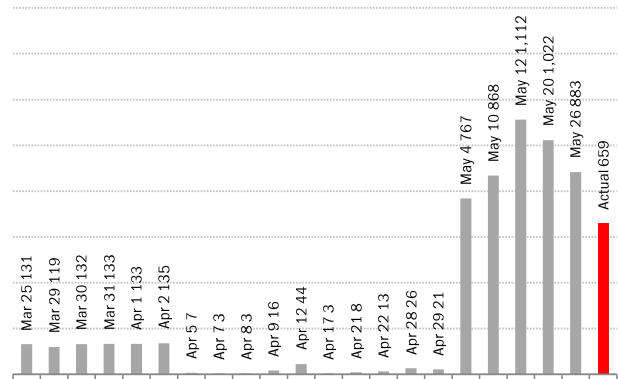
New daily fatalities

As of Jun 7

Actual versus first, highest and latest model mean predictions

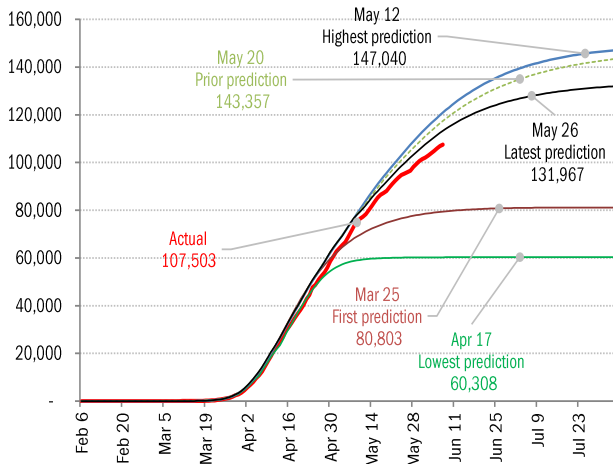


For this day, versus all model mean predictions

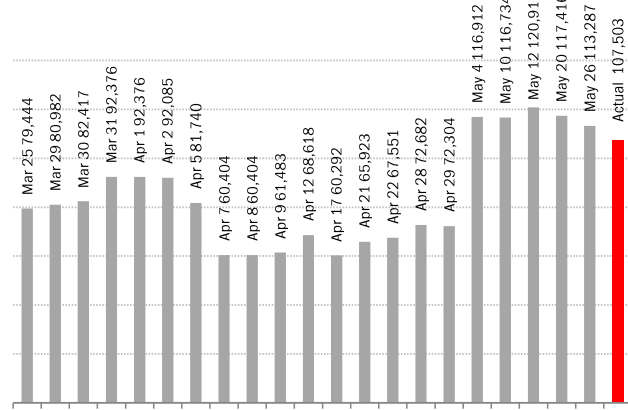


Cumulative fatalities

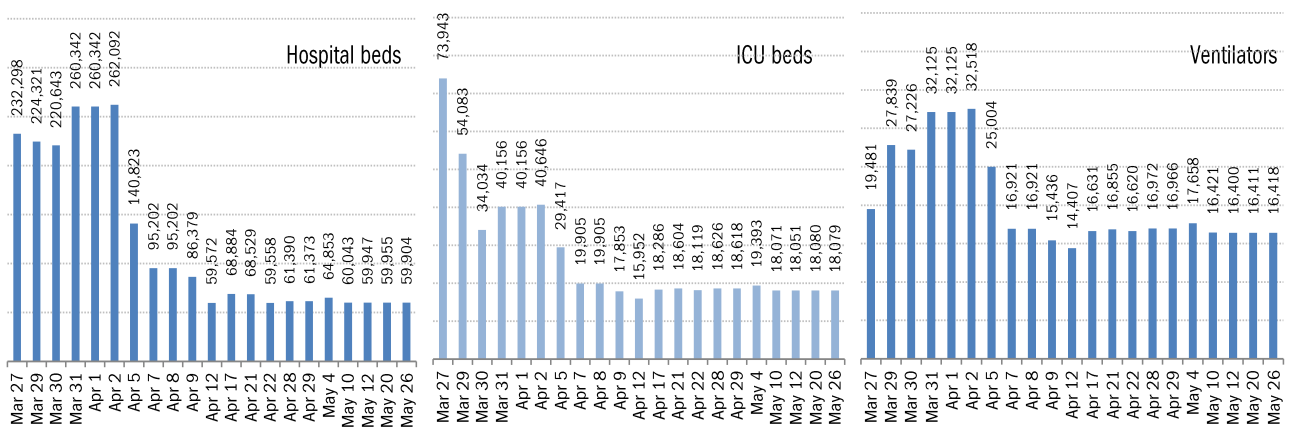
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

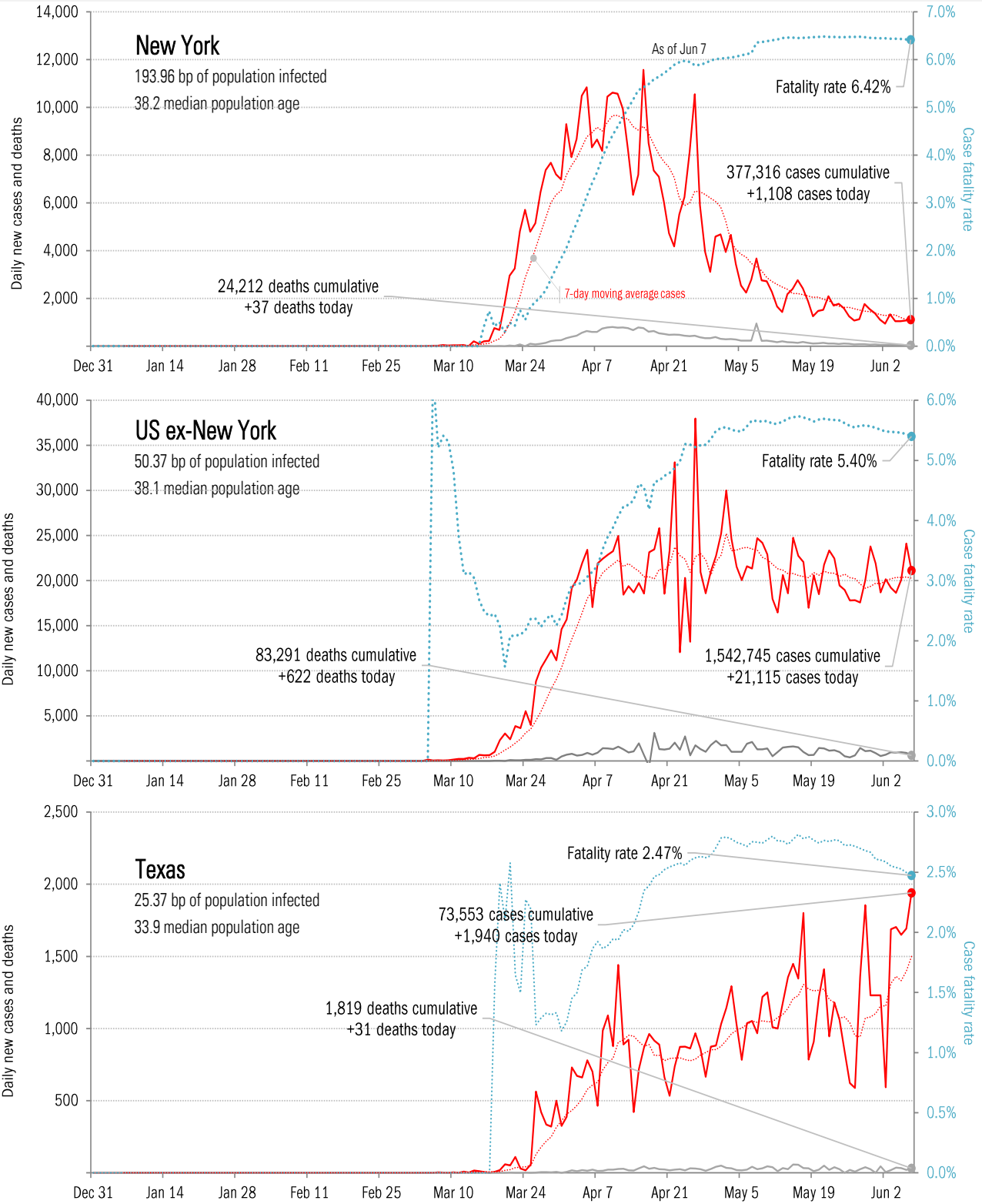


Healthcare system stress, peak estimated at each model revision



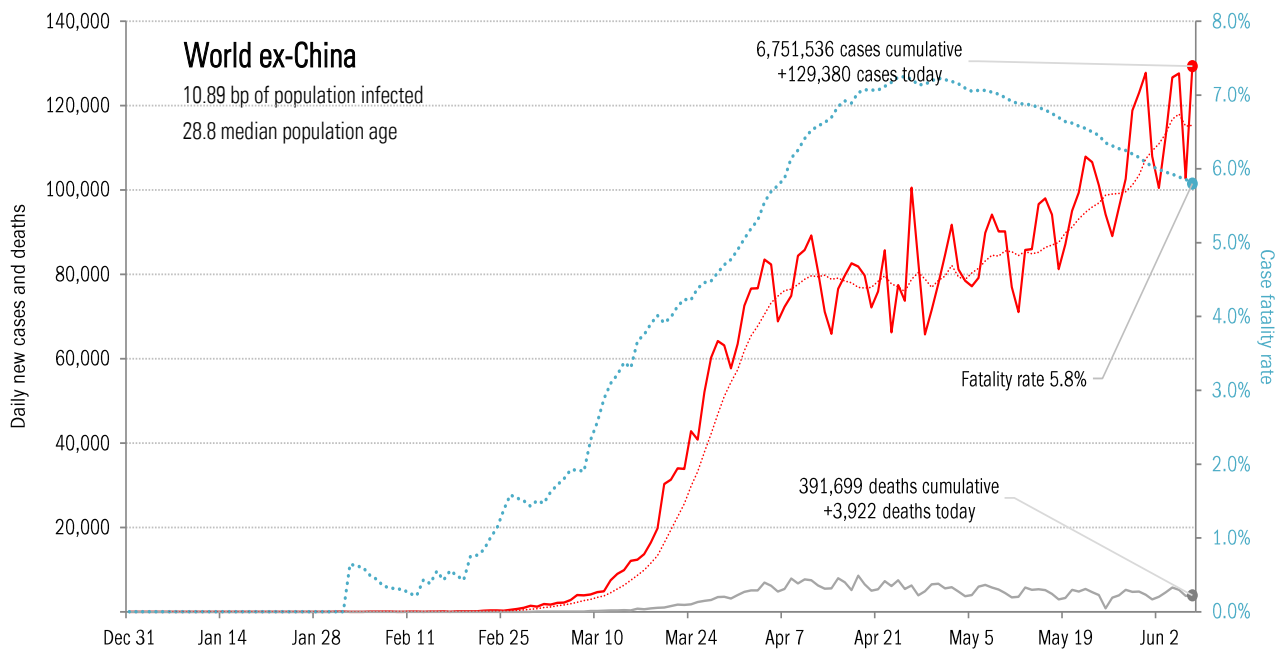
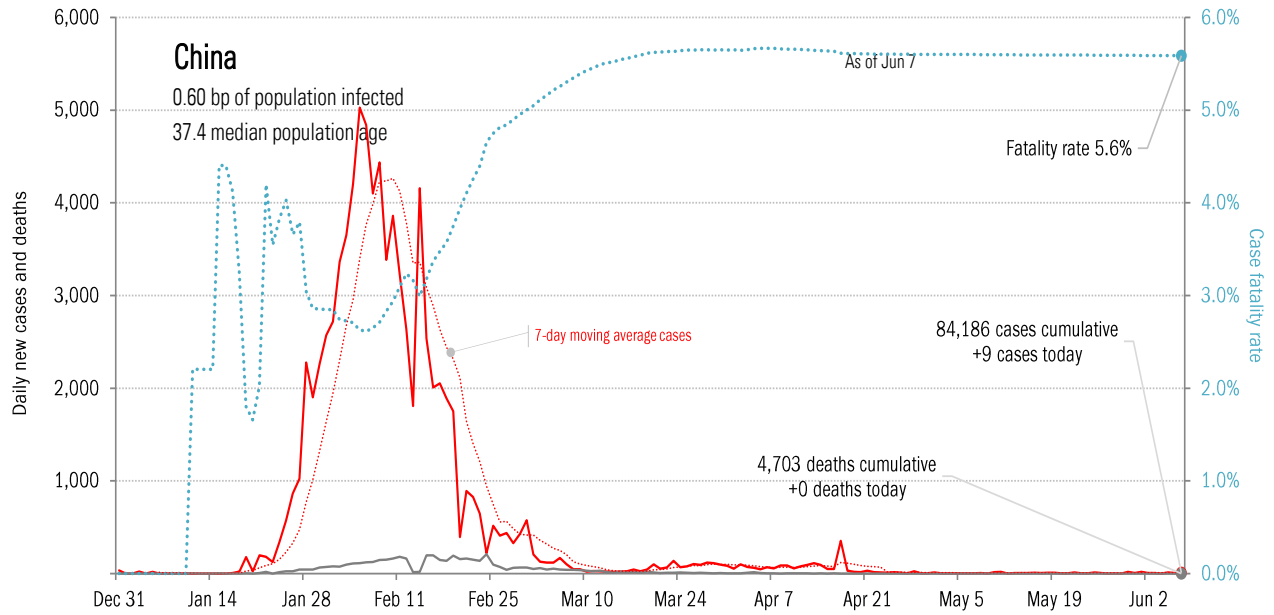
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



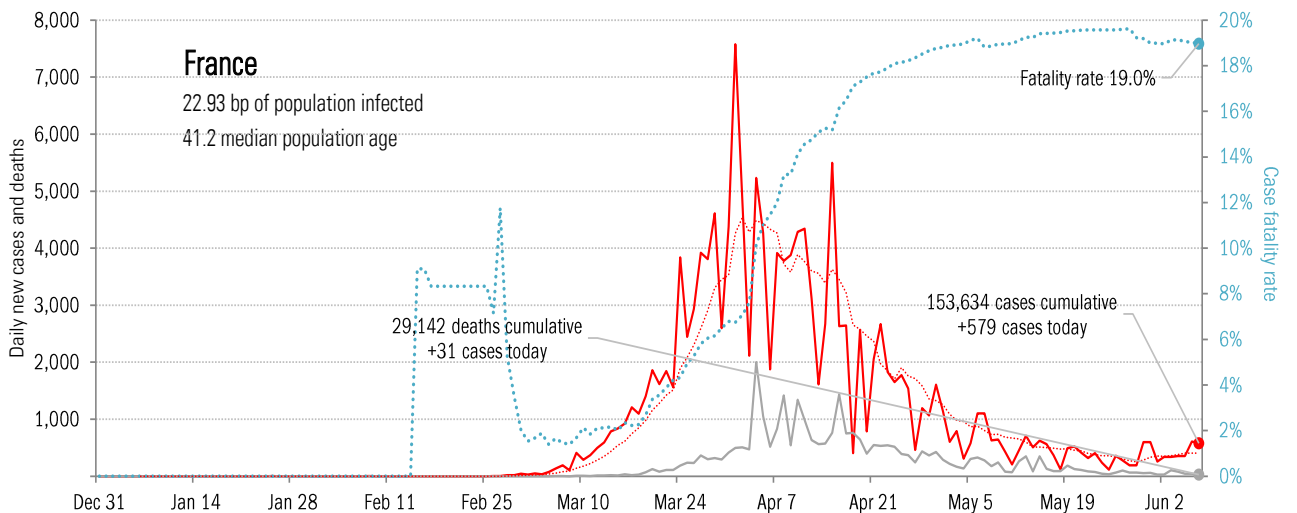
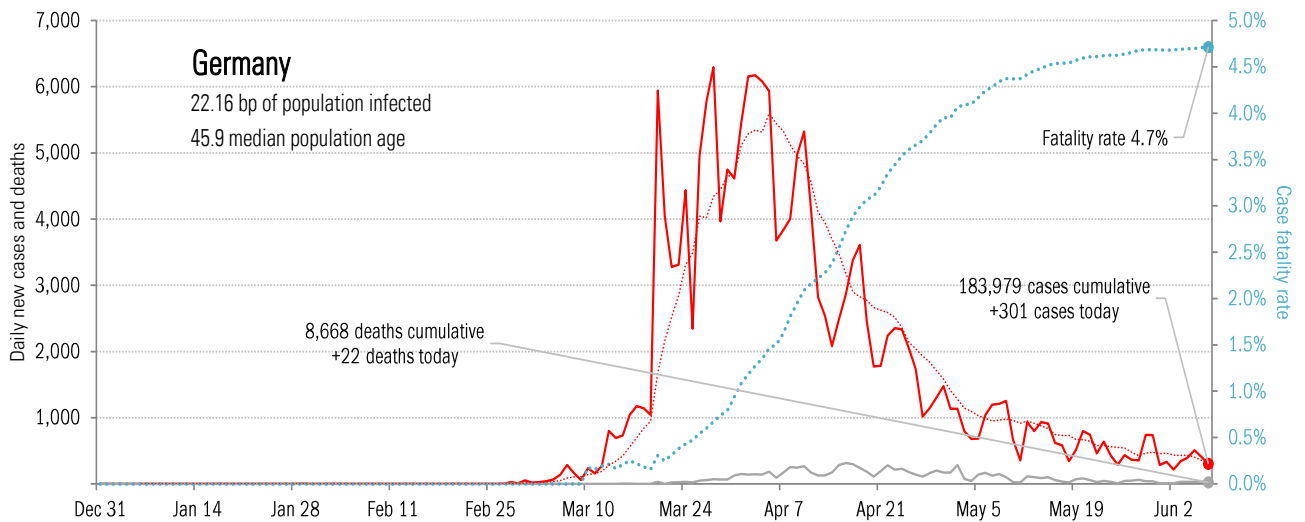
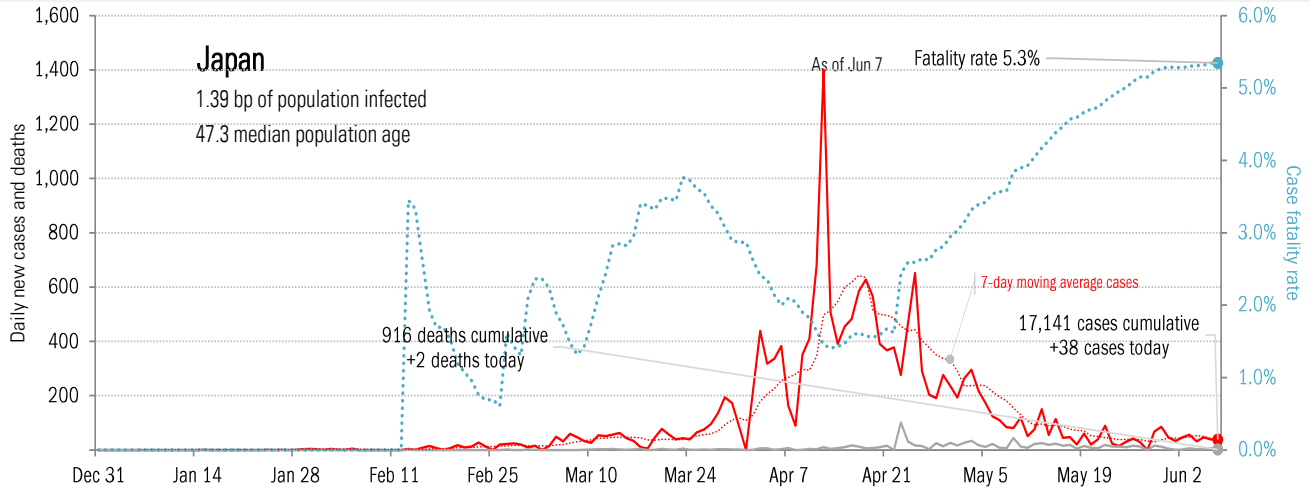
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



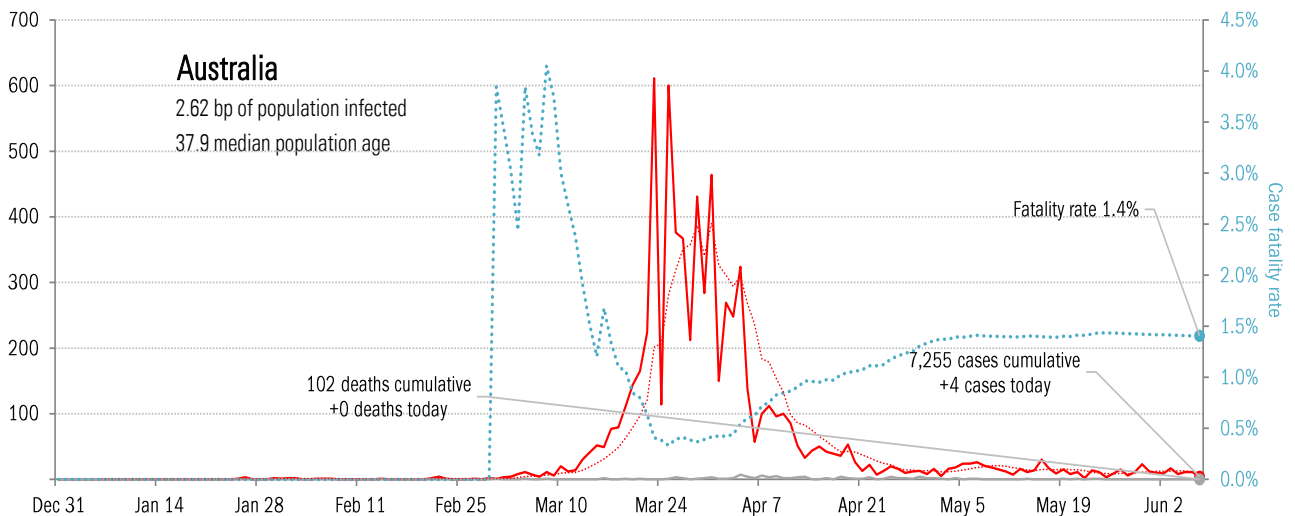
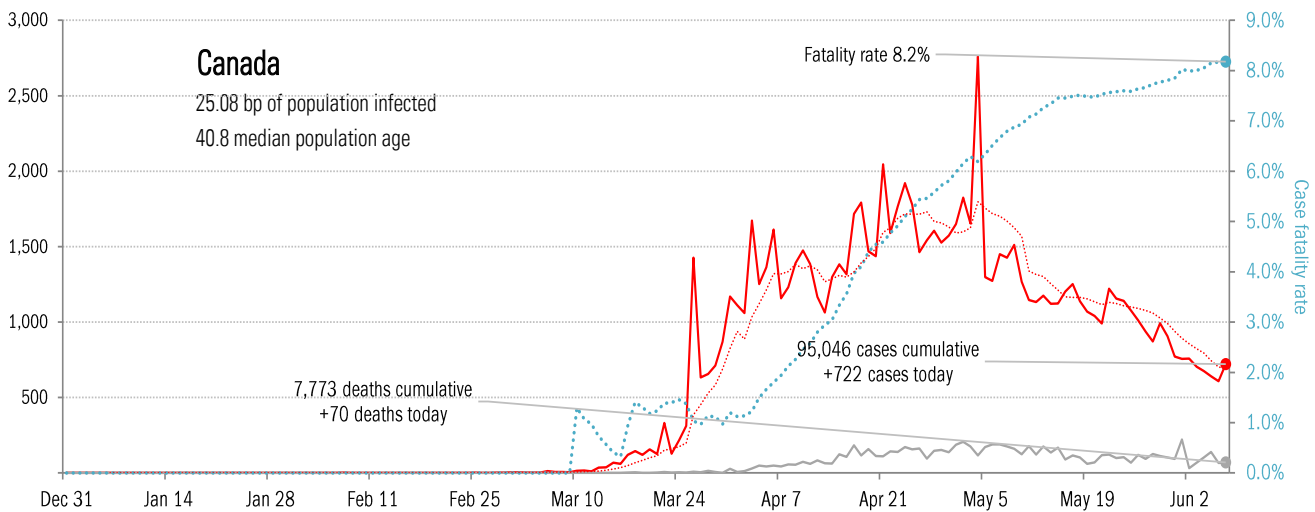
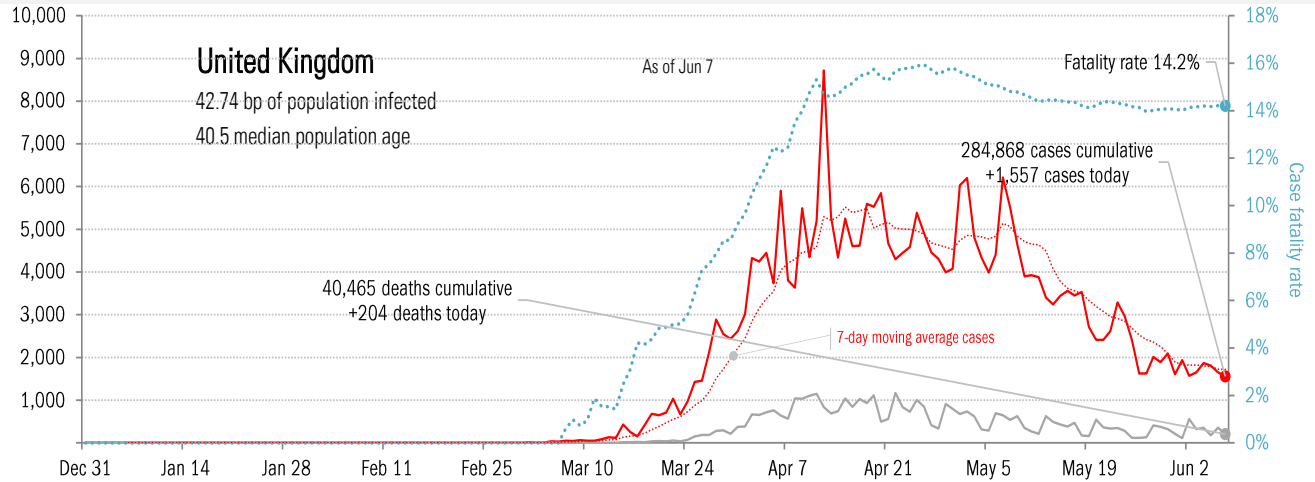
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



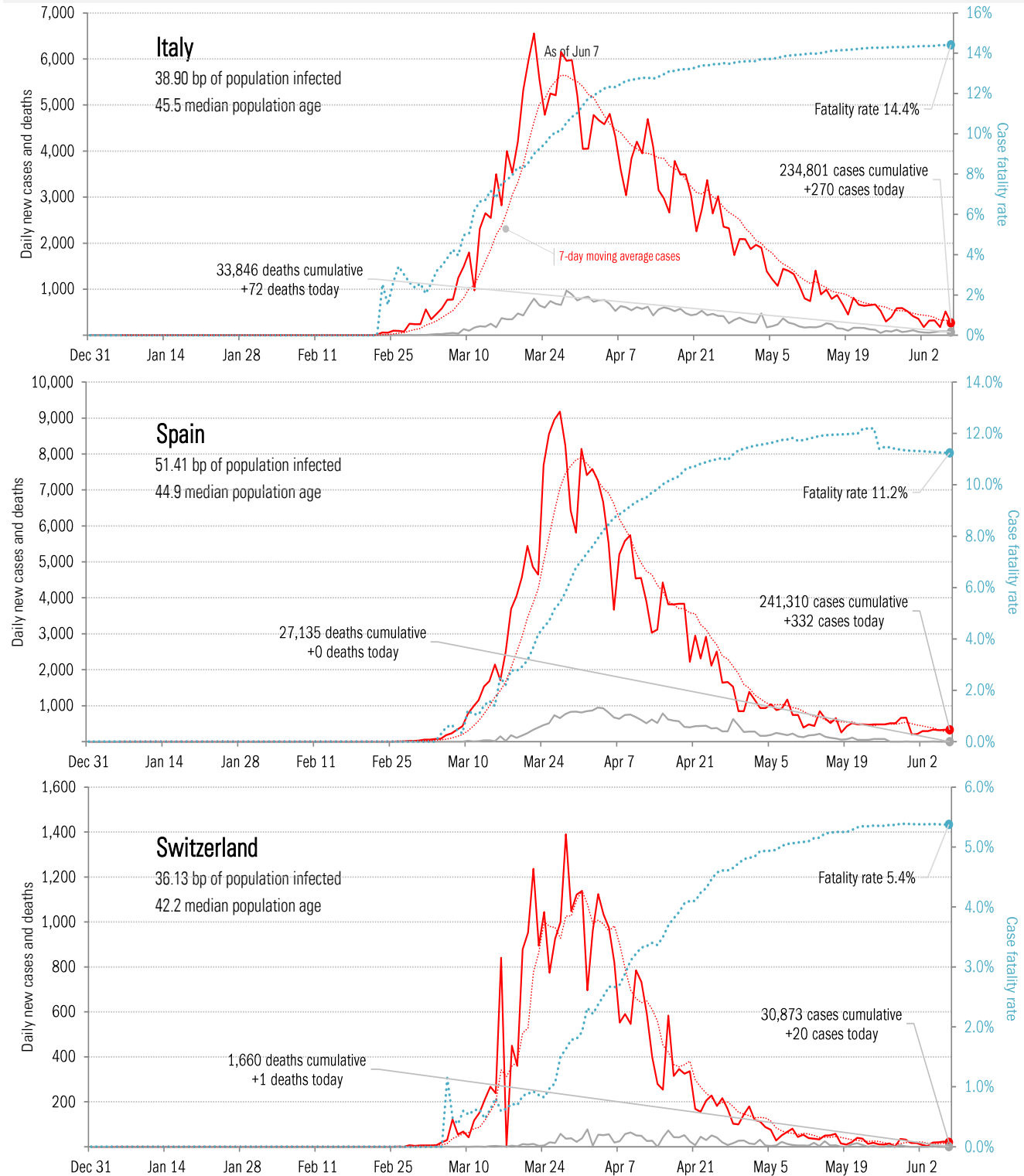
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



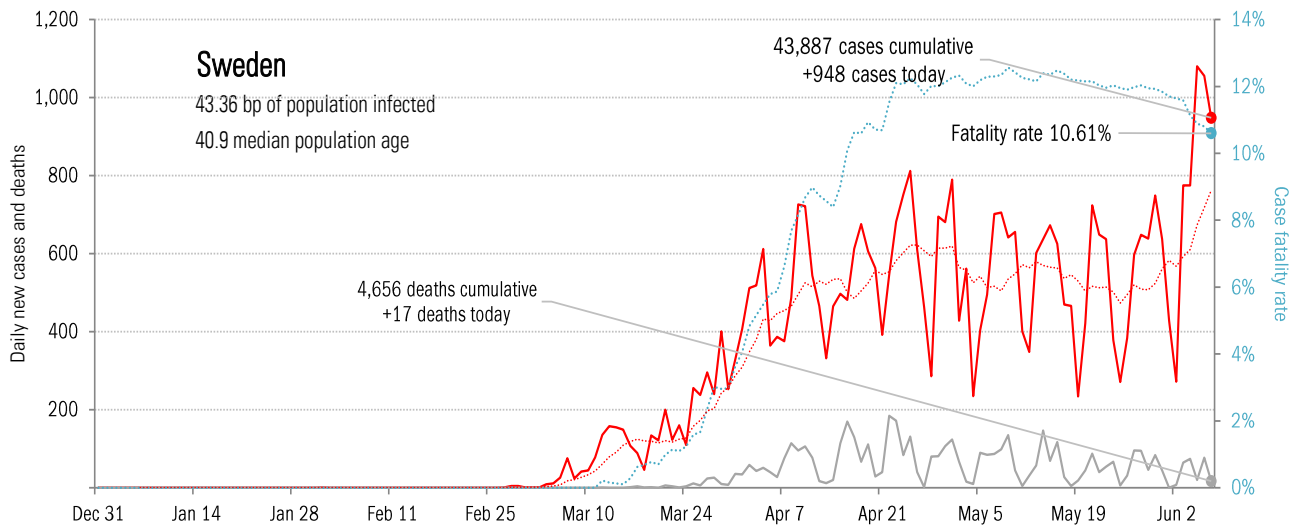
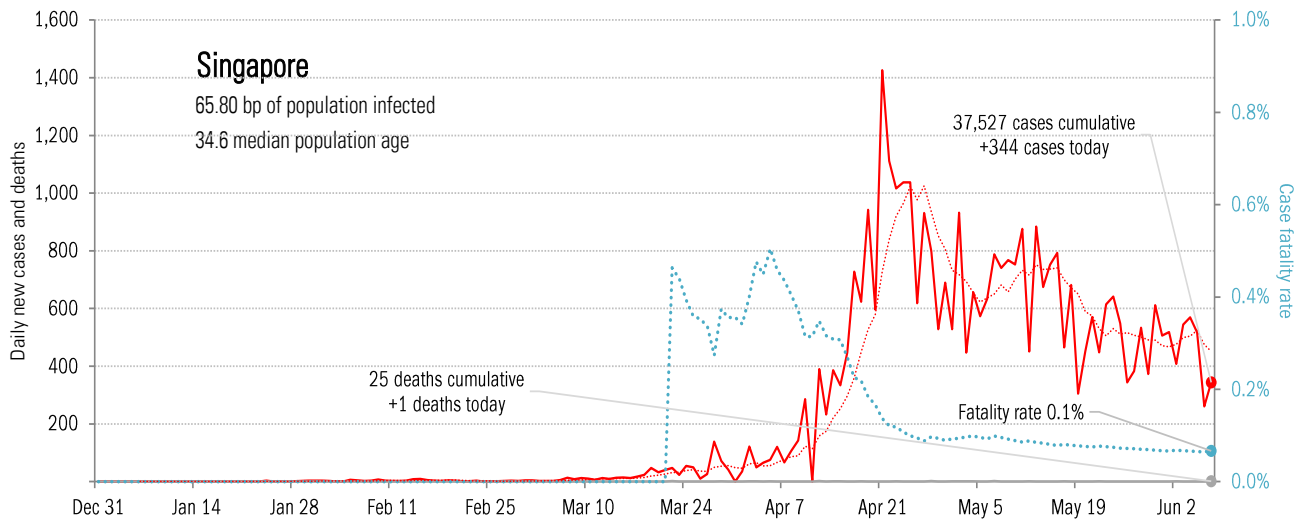
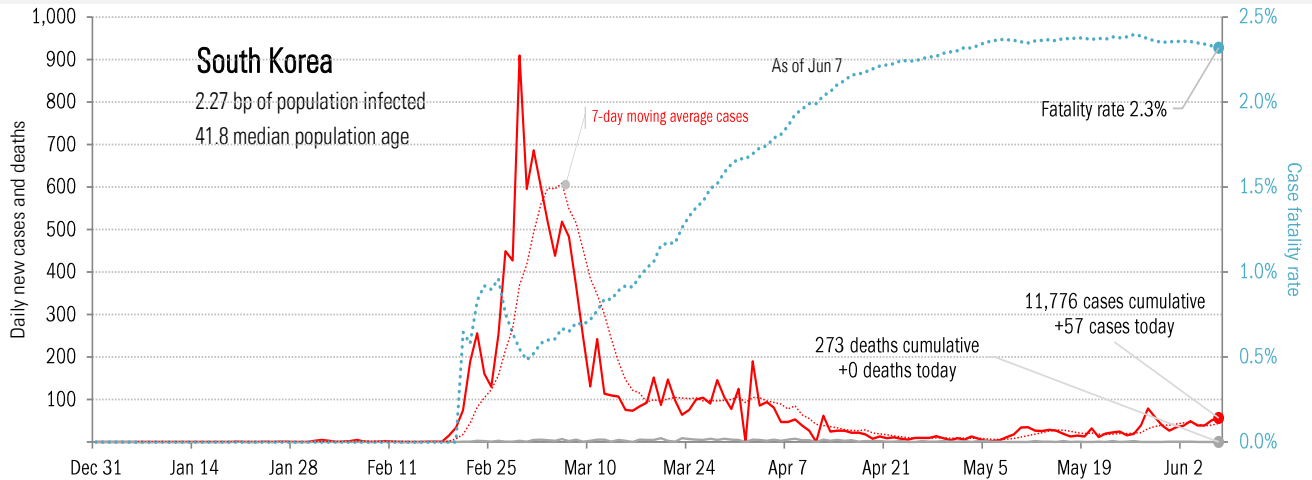
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



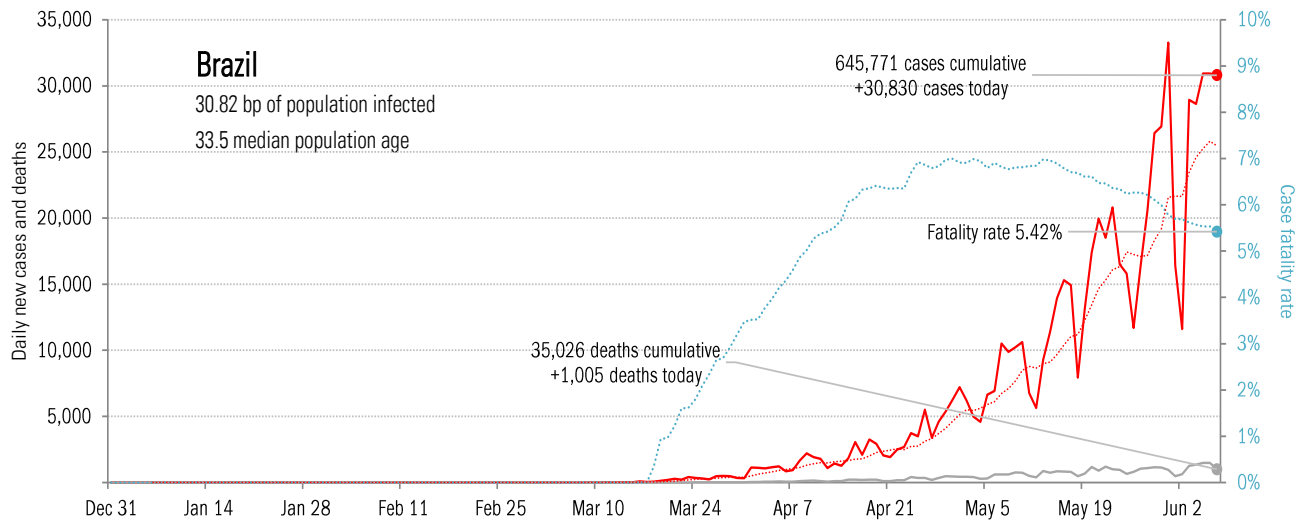
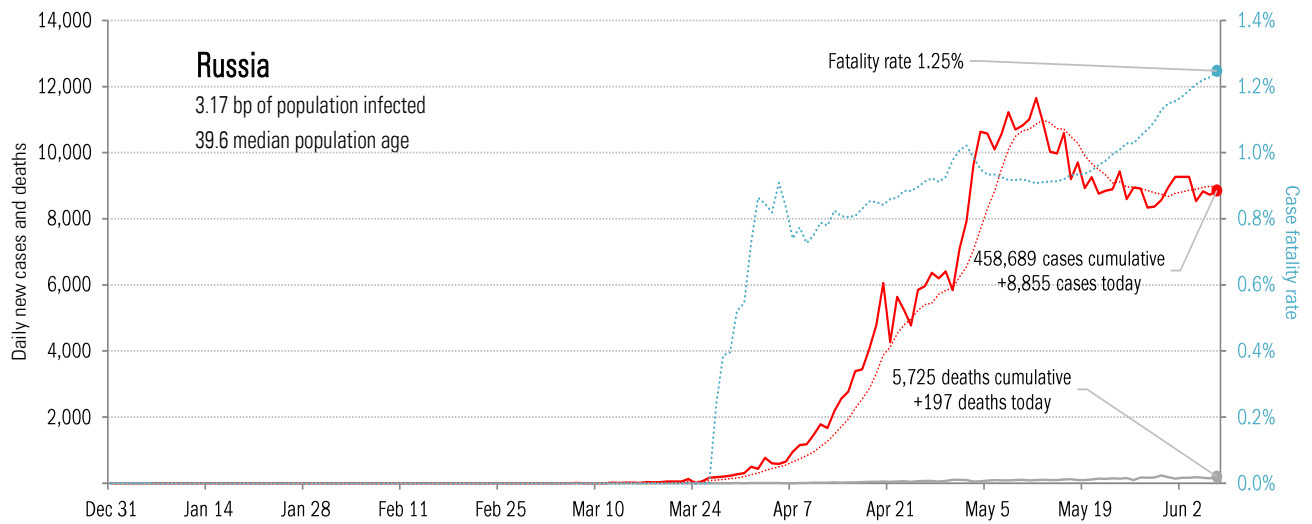
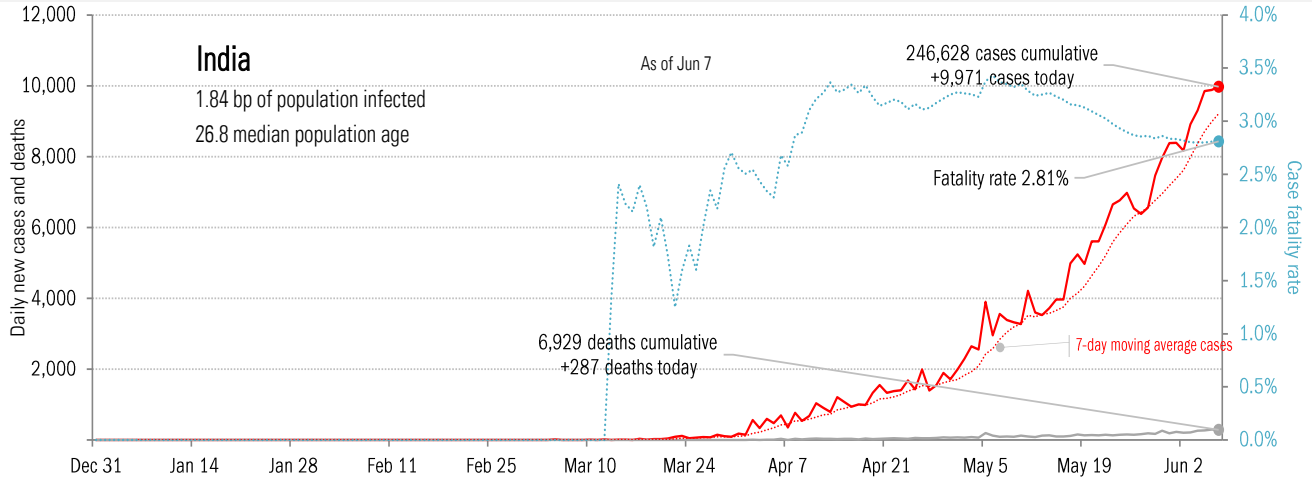
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



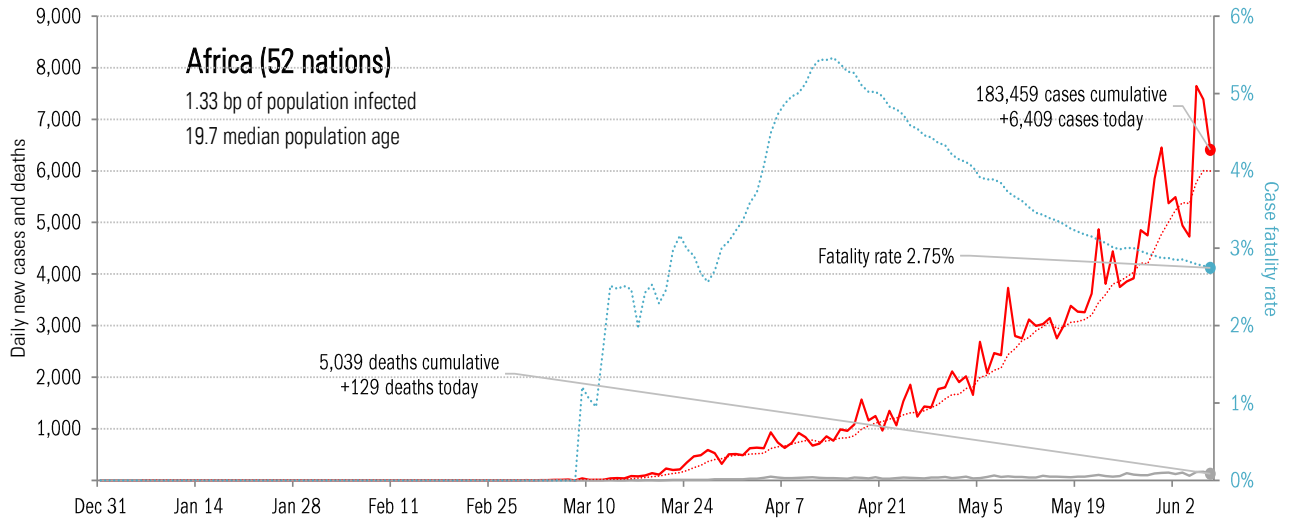
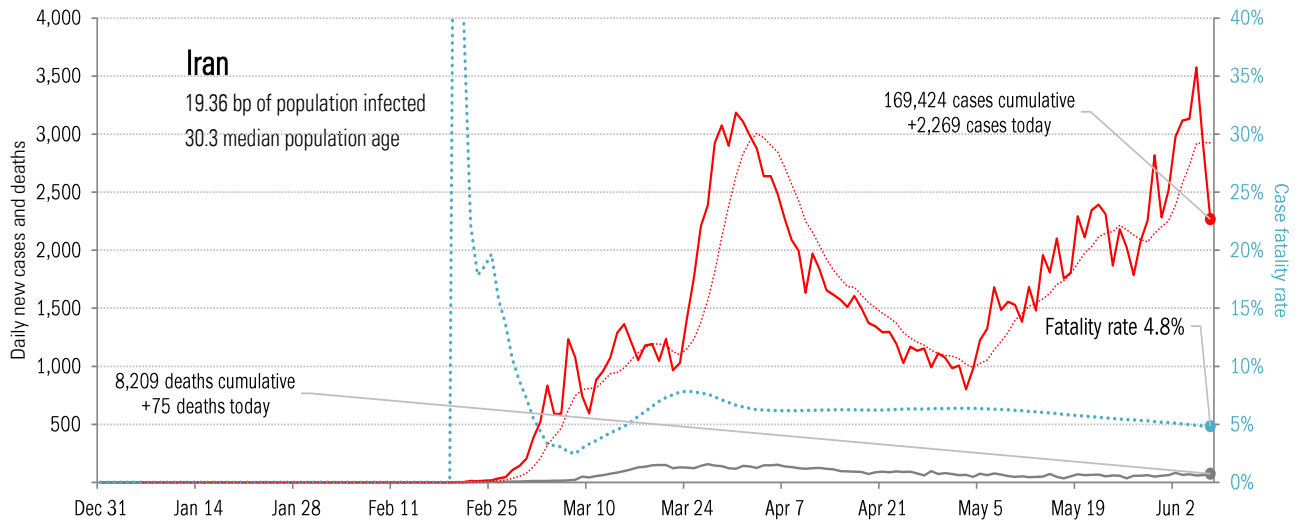
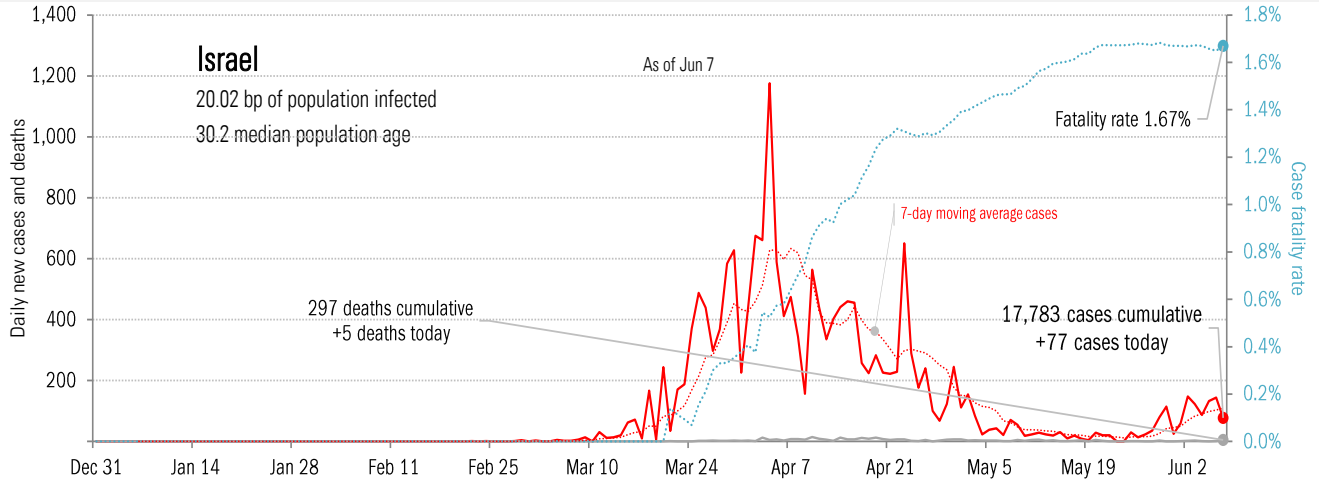
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations