

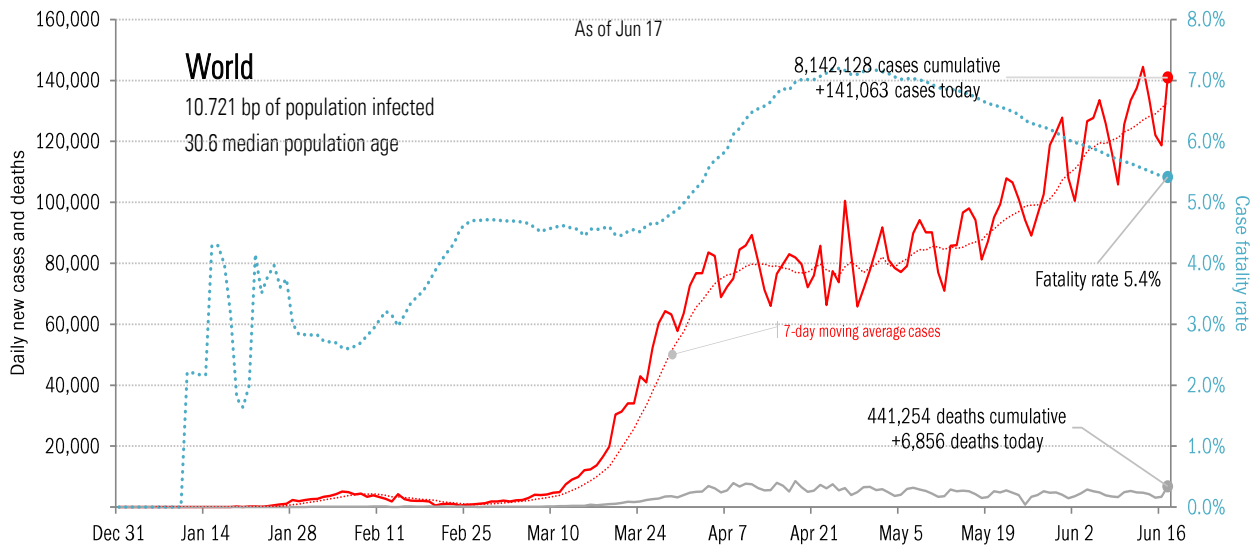
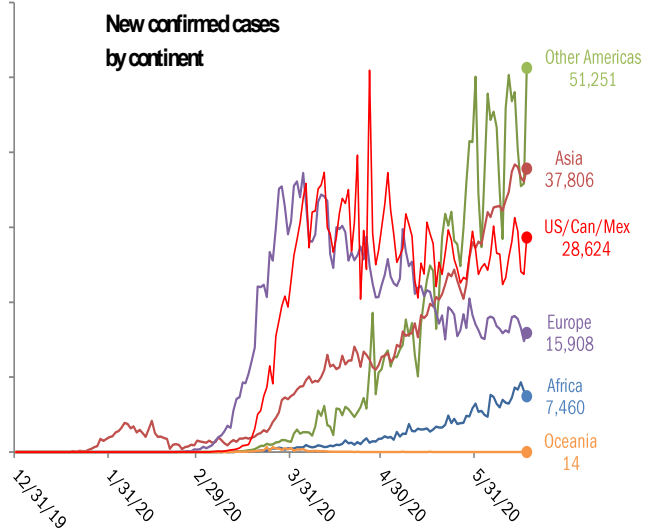
Data Insights: Covid-2019 Monitor

Wednesday, June 17, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+34,918	India	+2,003
US	+23,705	Brazil	+1,282
India	+10,974	US	+836
Russia	+8,248	Mexico	+730
Pakistan	+5,839	UK	+233
Chile	+5,013	Peru	+196
Mexico	+4,599	Russia	+193
Saudi	+4,267	Pakistan	+136
Peru	+4,164	Iran	+115
Bangladesh	+3,862	France	+111
	+105,589		+5,835
World	+141,063	World	+6,856
Top ten	75%	Top ten	85%



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

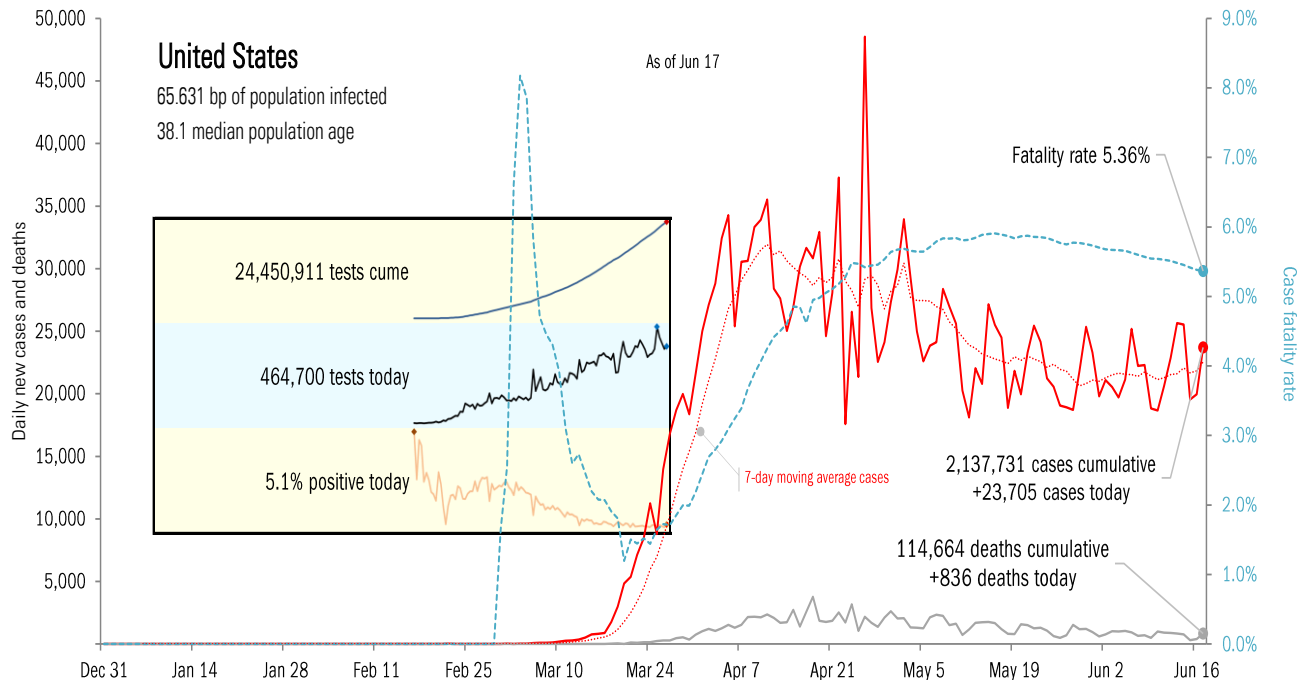
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
TX	+4,098	IL	+72	FL	+191	NY	384,575	NY	24,608	NY	89,995
FL	+2,783	FL	+55	GA	+132	NJ	167,426	NJ	12,727	NJ	18,879
AZ	+2,392	NJ	+51	NJ	+124	CA	153,560	MA	7,665	FL	12,489
CA	+2,108	TX	+46	VA	+113	IL	134,500	IL	6,579	MA	10,867
NC	+751	NC	+36	SC	+67	MA	105,885	PA	6,276	MD	10,262
TN	+670	GA	+35	NM	+61	TX	93,206	MI	6,034	CT	9,912
GA	+664	MD	+35	CH	+59	FL	80,109	CA	5,121	GA	9,454
AL	+640	PA	+33	AZ	+58	PA	79,483	CT	4,210	VA	8,245
NY	+631	CA	+32	AL	+56	MI	66,269	FL	3,085	CH	7,007
IL	+623	NY	+29	MA	+50	MD	62,409	LA	3,042	IN	6,481
+15,360		+424		+911		1,327,422		79,347		183,591	
All states	+23,498	All states	+713	All states	+1,356	All states	2,127,047	All states	110,695	All states	226,926
Top ten	65%	Top ten	59%	Top ten	67%	Top ten	62%	Top ten	72%	Top ten	81%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CA	-489	GA	-8	RI	-22	TX	+1,592
KS	-372	MA	-5	MD	-17	PA	+1,063
NC	-232	RI	-4	KS	-15	SC	+1,052
IN	-165	AR	-3	NH	-6	TN	+648
MO	-154	KS	-2	HI	-2	IA	+400



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

Recommended reading

[Close the Lid! Flushing Toilets Spreads Coronavirus: Study](#)

Robert Preidt
US News and World Report
June 16, 2020

[Cheap generic steroid significantly cuts Covid-19 mortality rates](#)

Anna Gross
Financial Times
June 16, 2020

[More than 1 out of 3 tested federal inmates were positive for coronavirus](#)

Luke Barr
ABC News
June 16, 2020

[What Spike? Hospitalization Data Show No Indication of a Second Wave](#)

Stephen C. Miller
American Institute for Economic Research
June 16, 2020

[There Isn't a Coronavirus 'Second Wave'](#)

Mike Pence
Wall Street Journal
June 16, 2020

[The past three months have proved it: the costs of lockdown are too high](#)

Larry Elliot
The Guardian
June 14, 2020

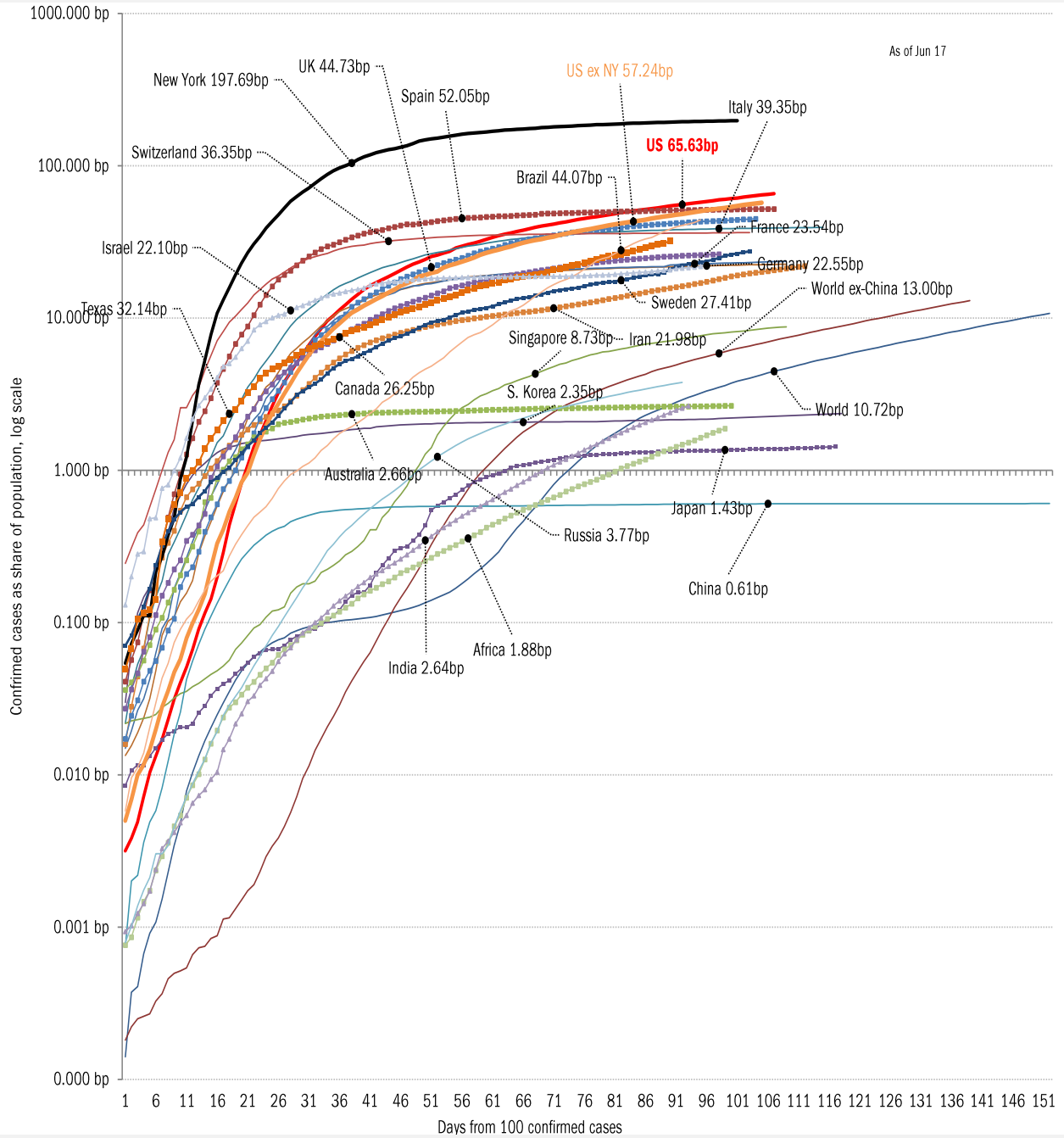
Meme of the day

What a
confusing time
to be a pirate.



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

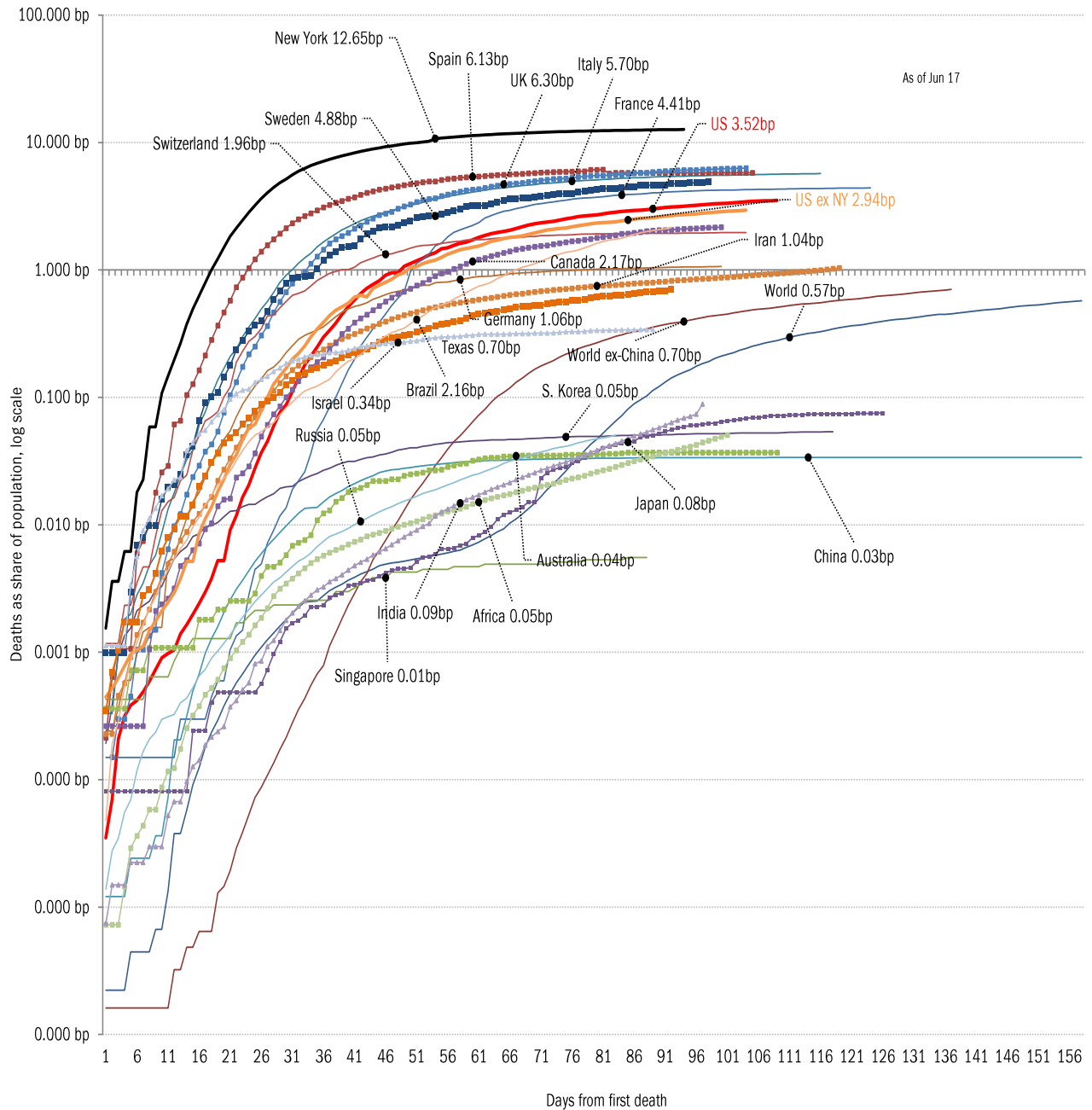
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

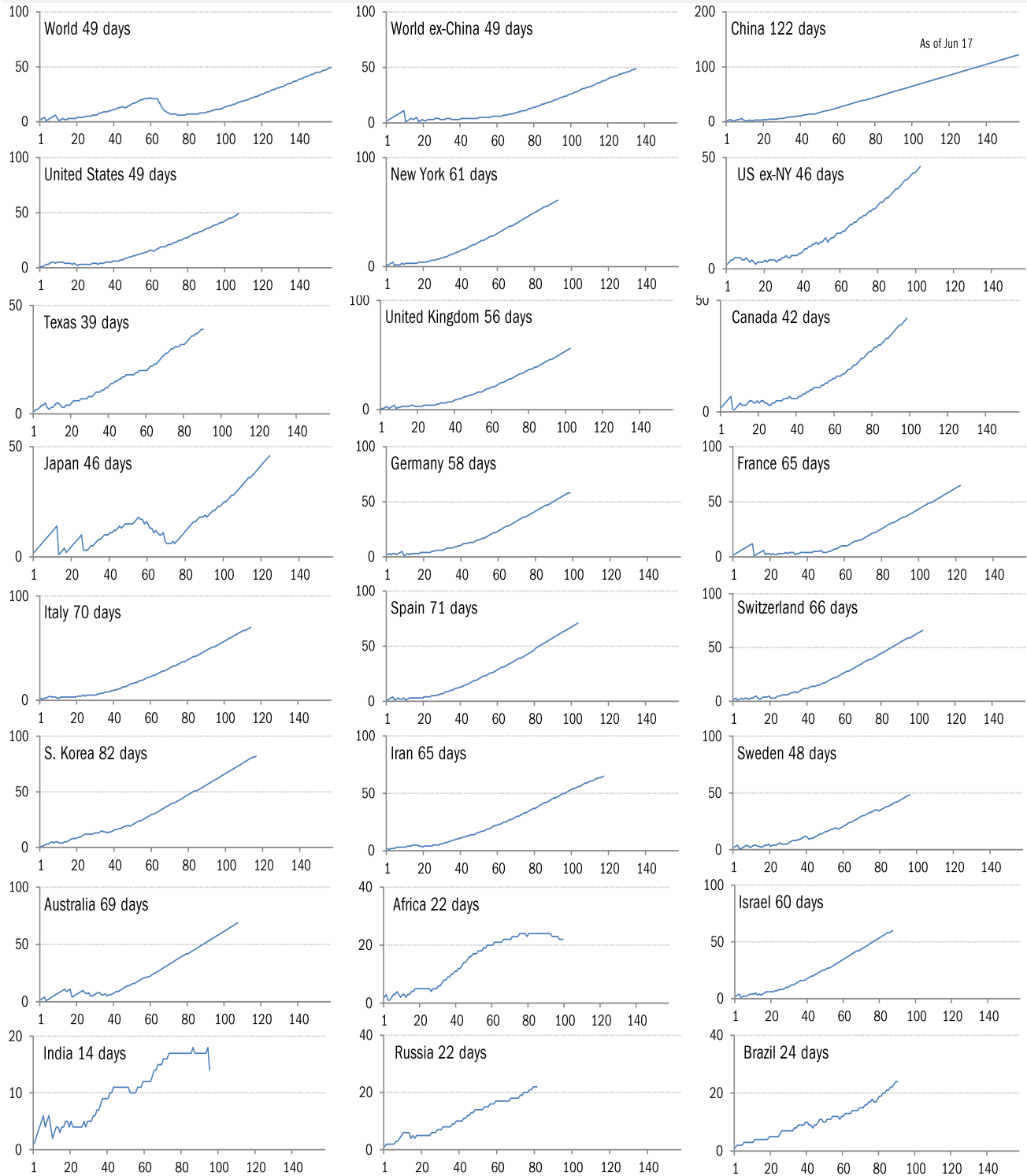
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

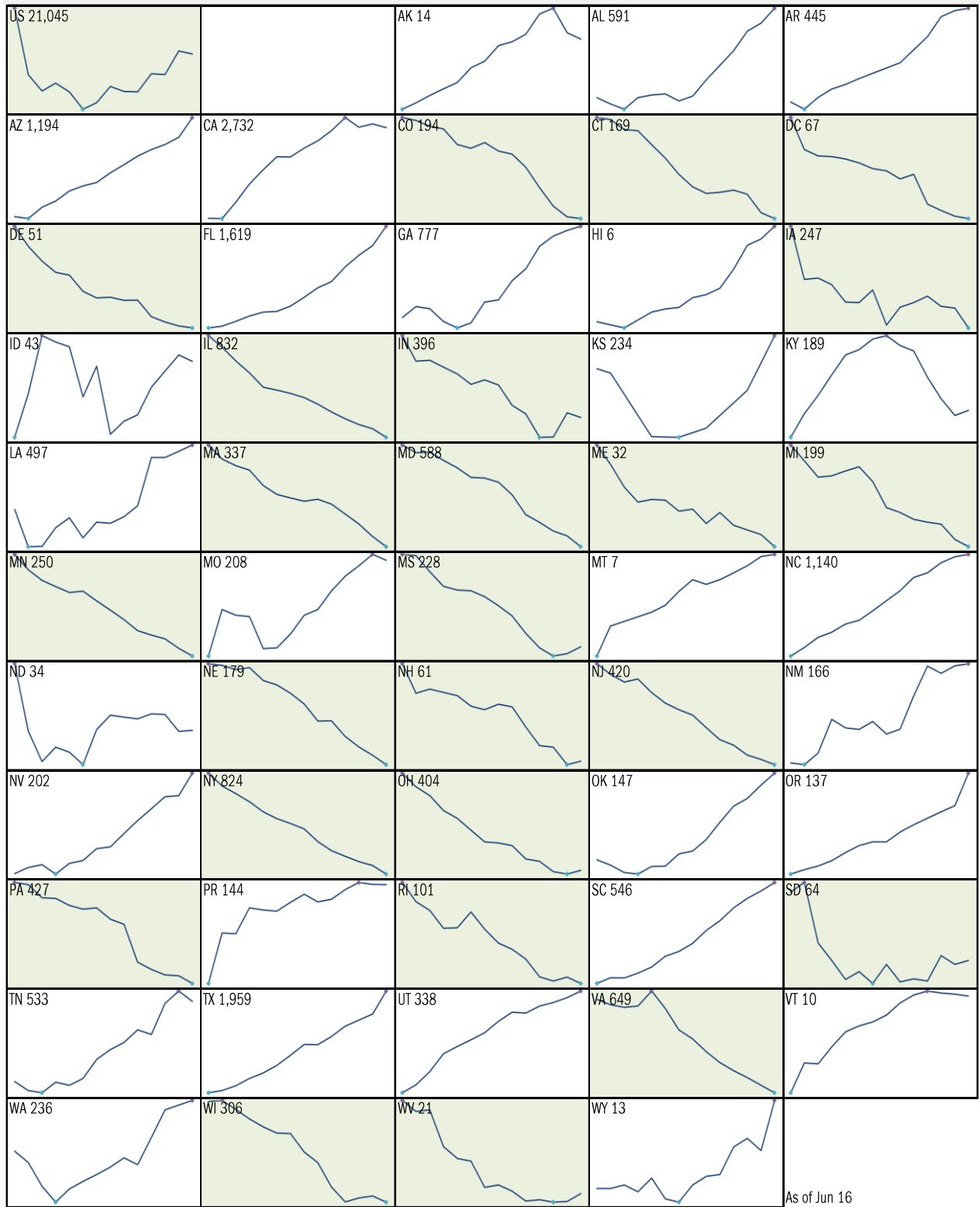
Our most reliable evidence of slowing exponential growth of Covid-2019

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



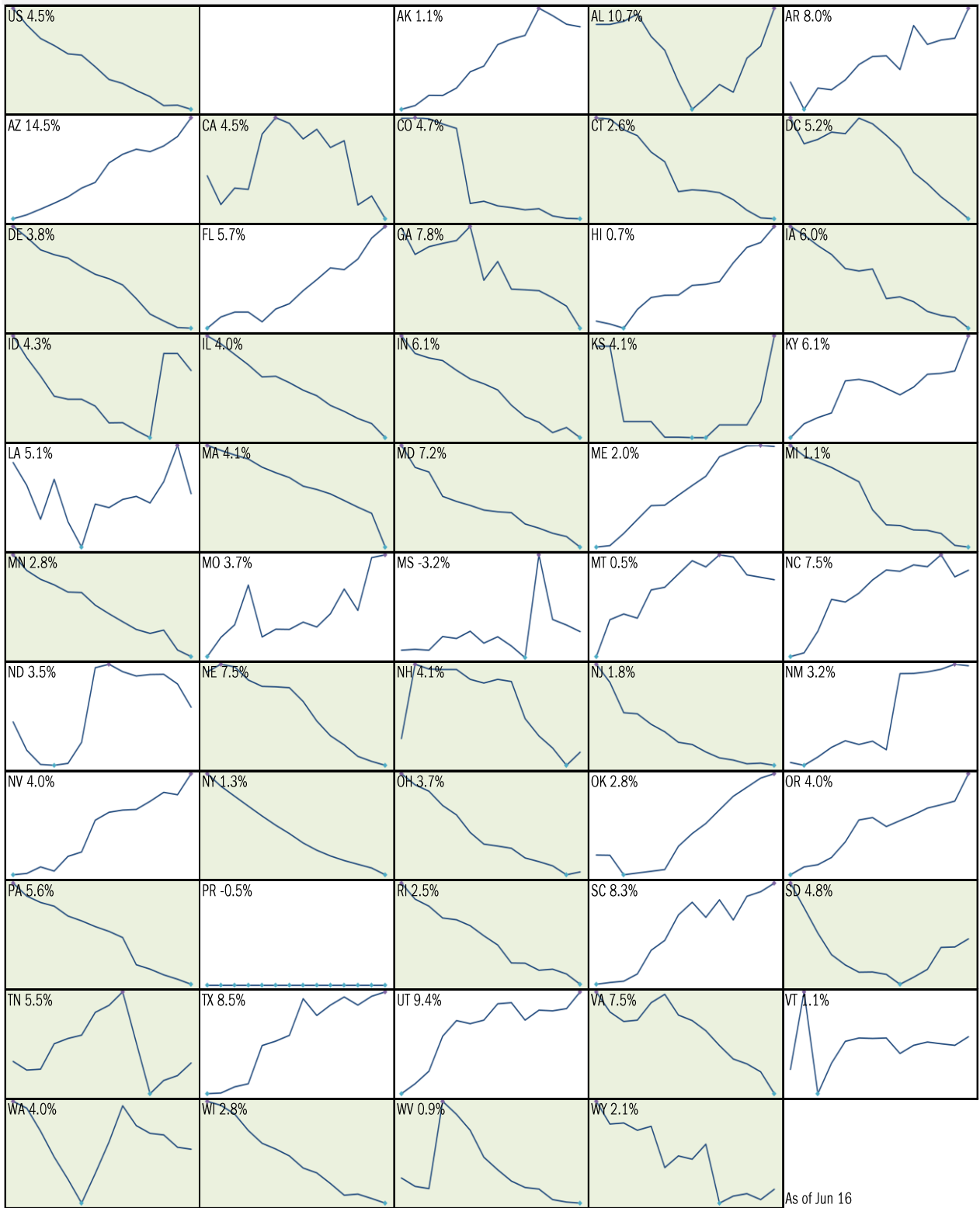
Source: [ECDC](#), TrendMacro calculations

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



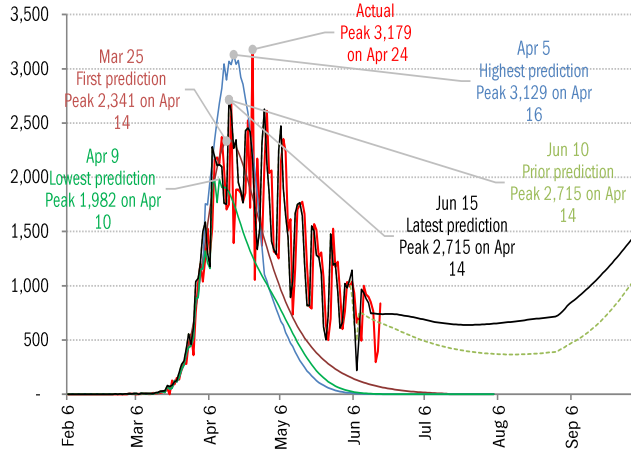
Source: [Covid Tracking Project](#), TrendMacro calculations

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

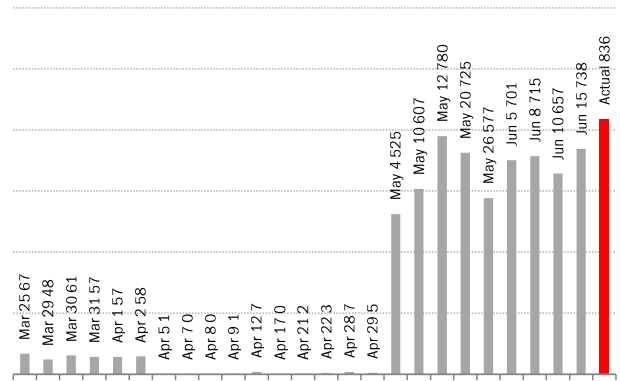
New daily fatalities

As of Jun 17

Actual versus first, highest, lowest and latest model mean predictions

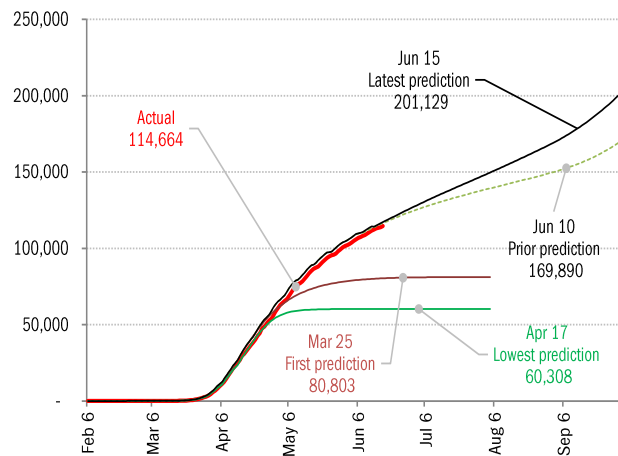


For this day, versus all model mean predictions

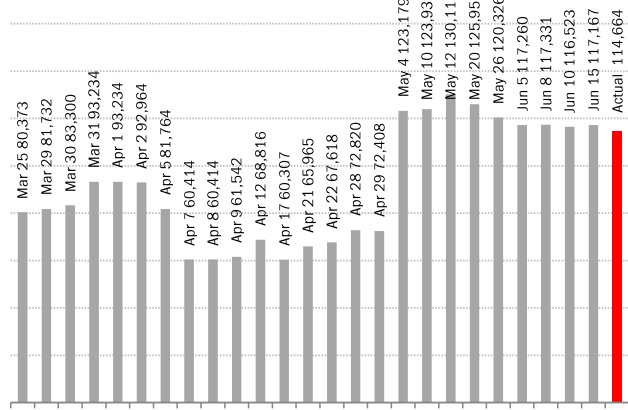


Cumulative fatalities

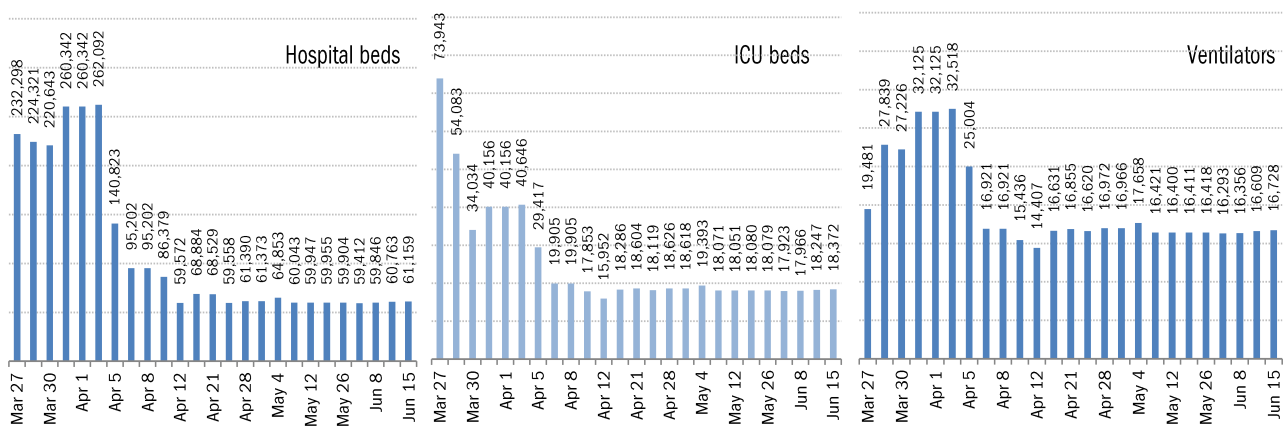
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

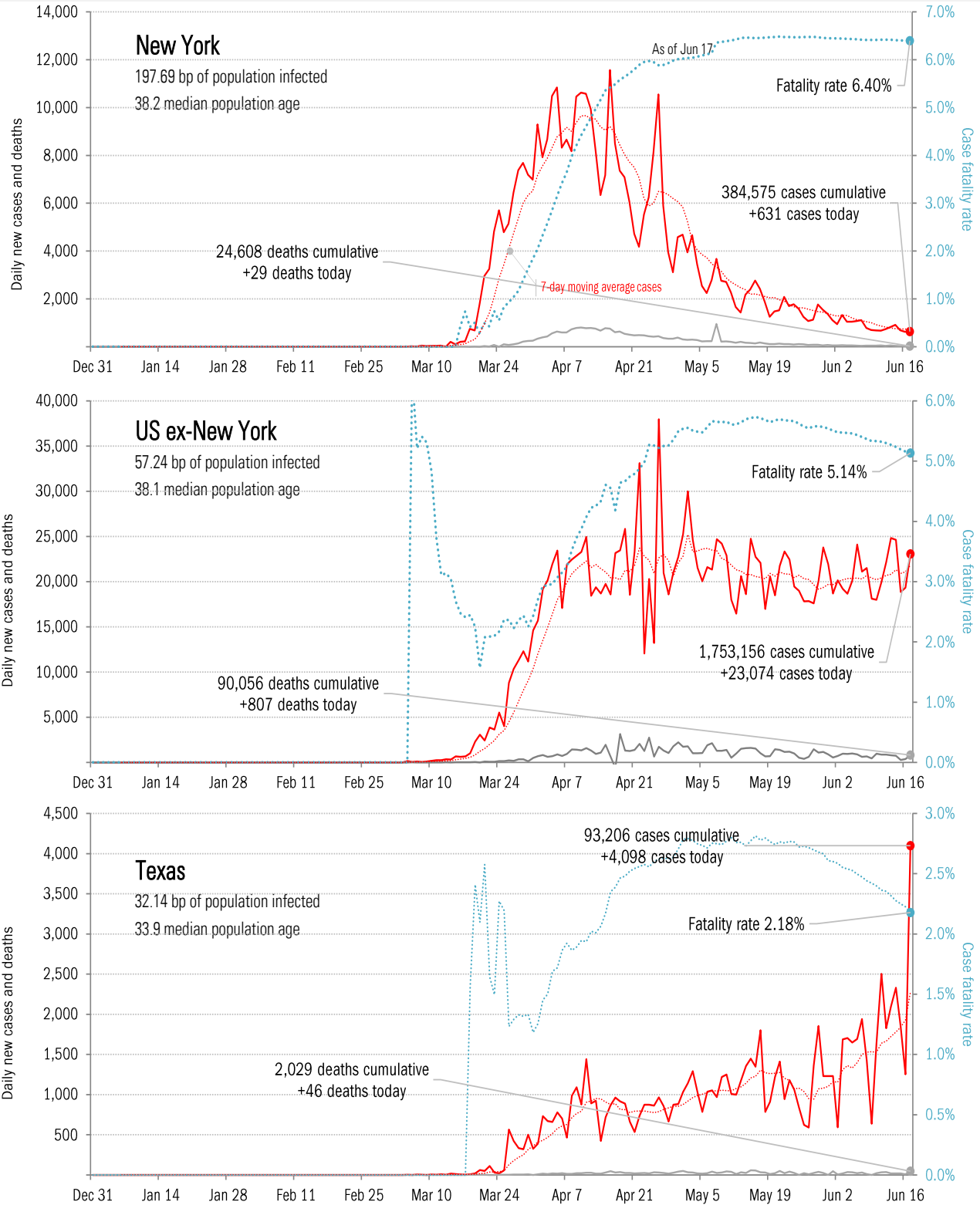


Healthcare system stress, peak estimated at each model revision



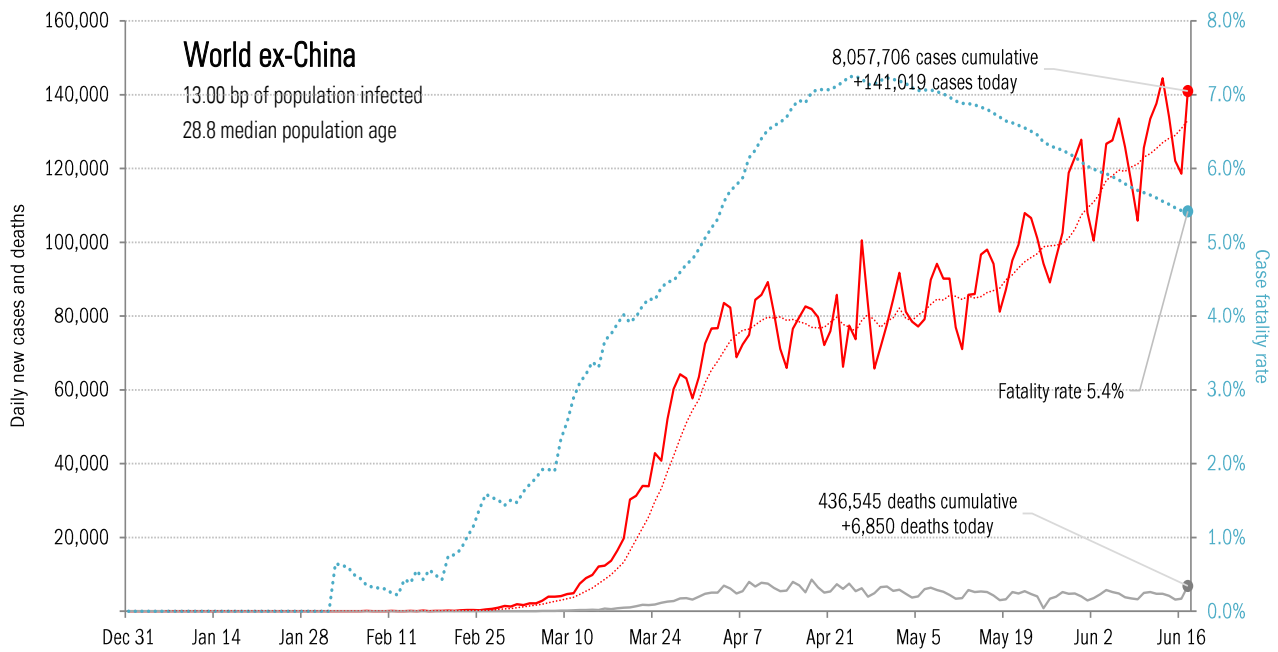
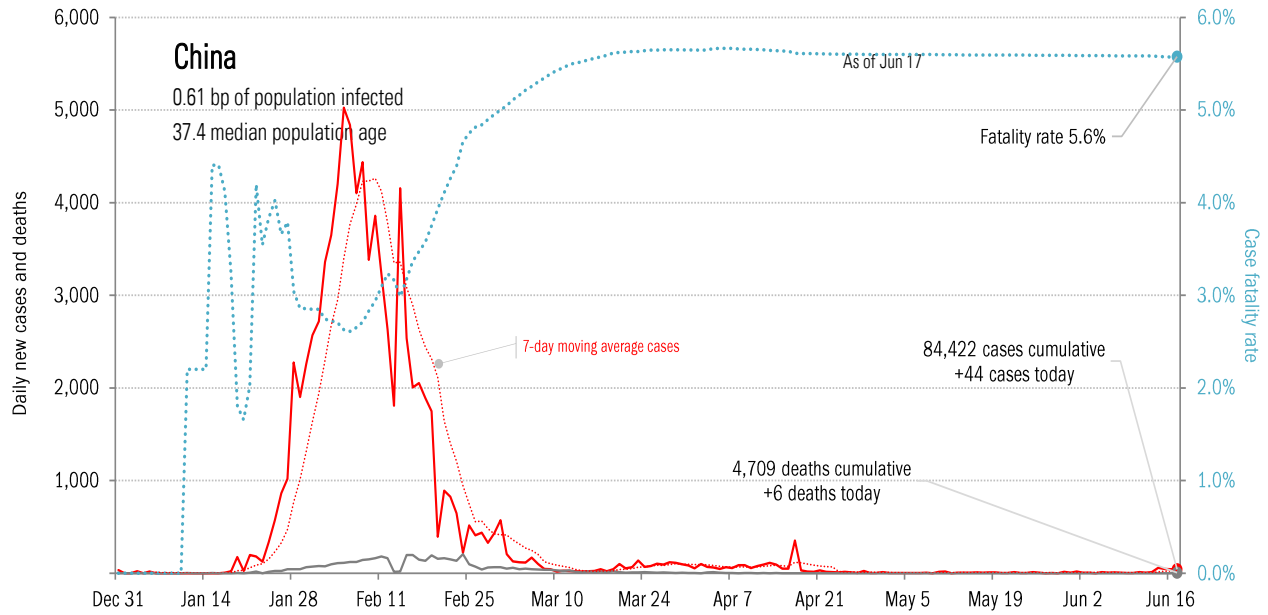
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



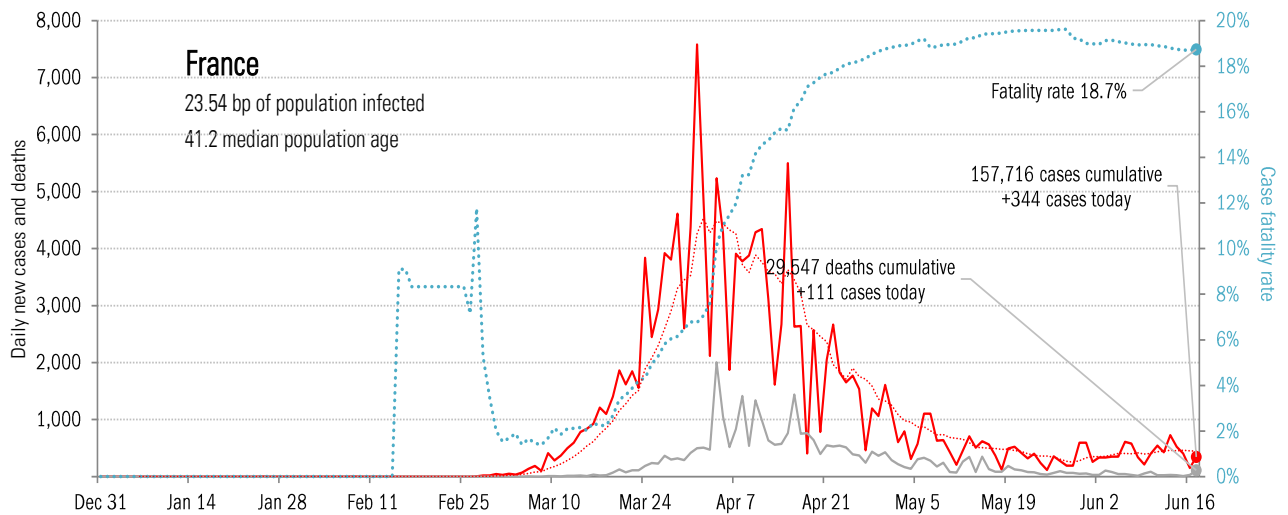
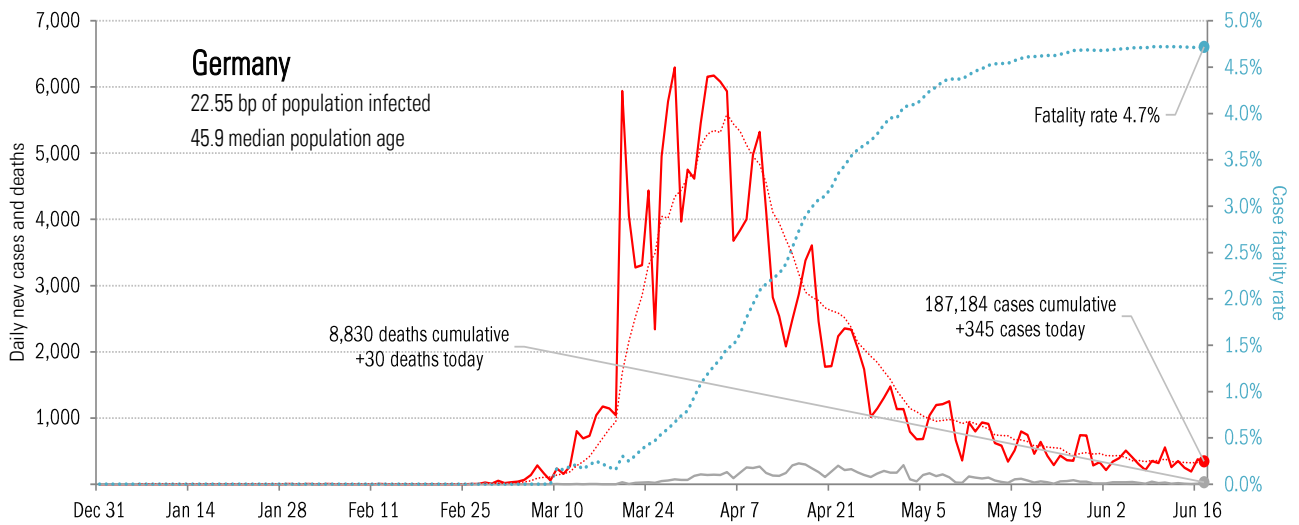
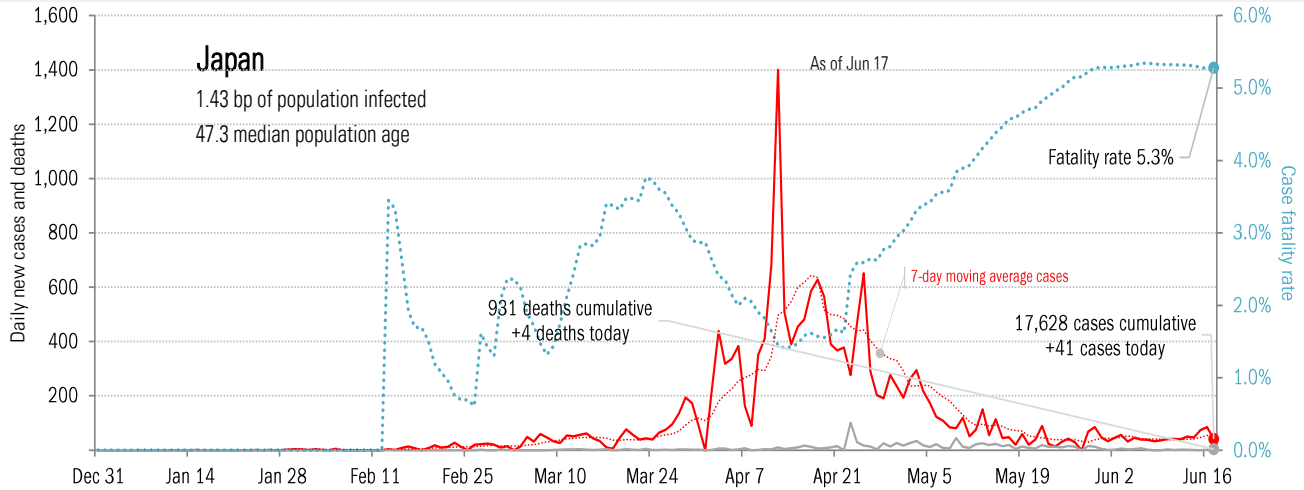
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



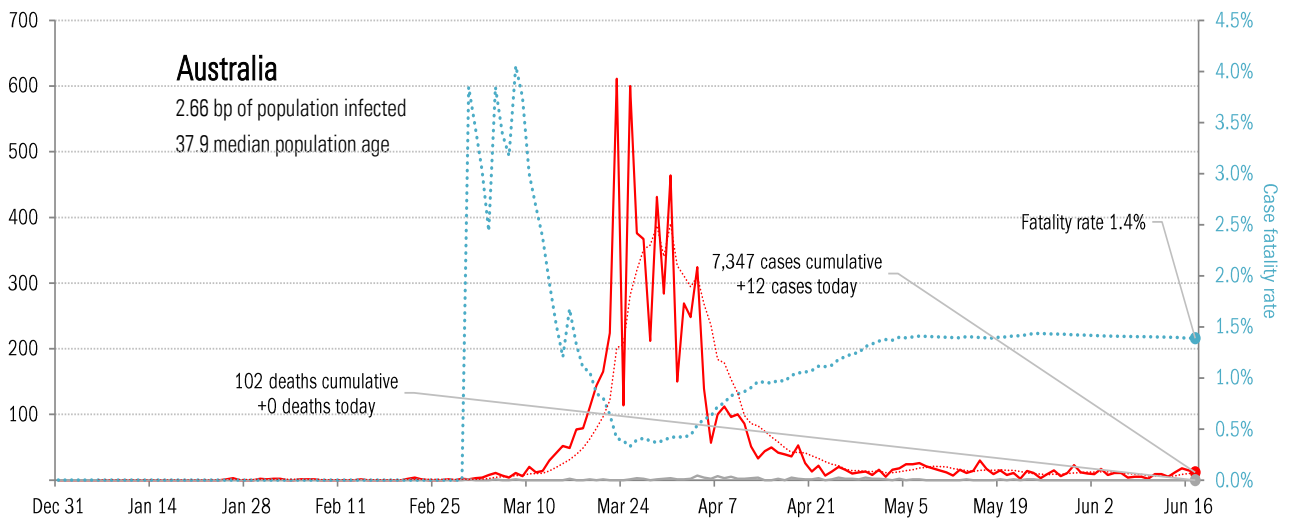
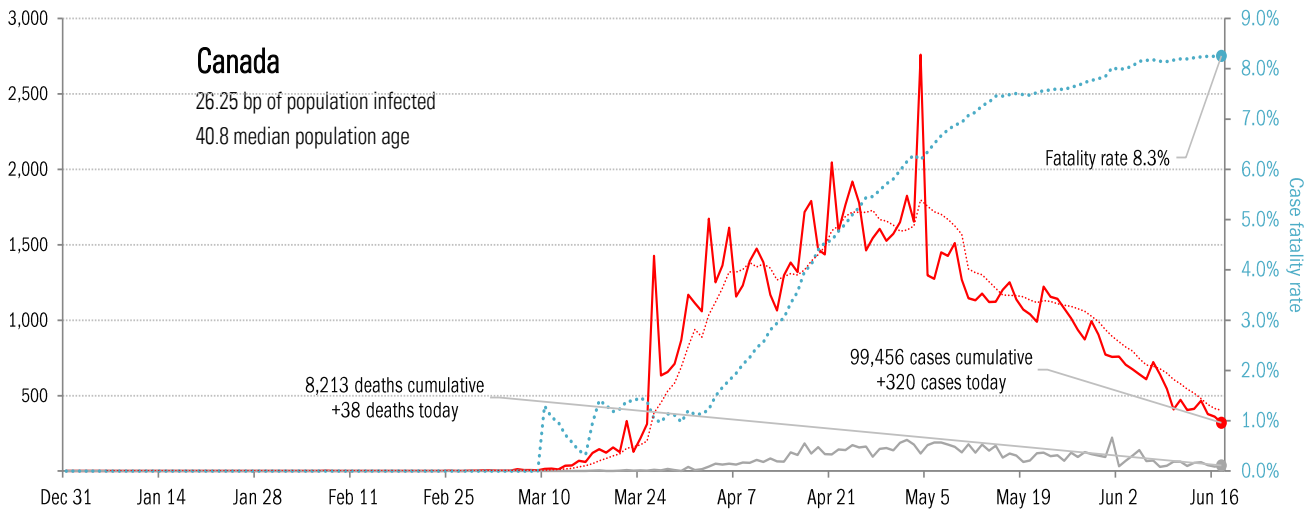
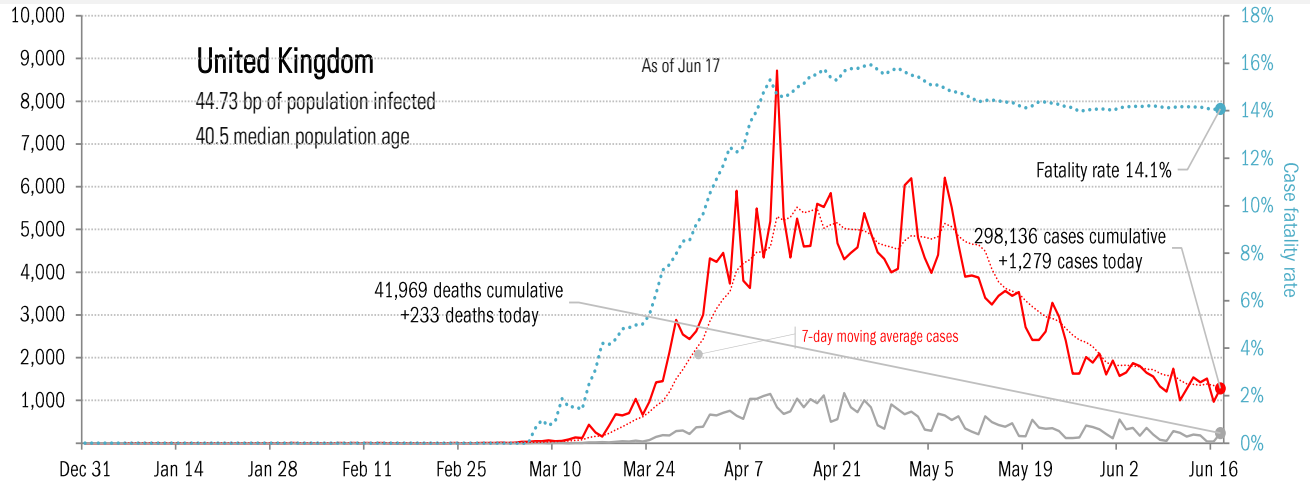
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



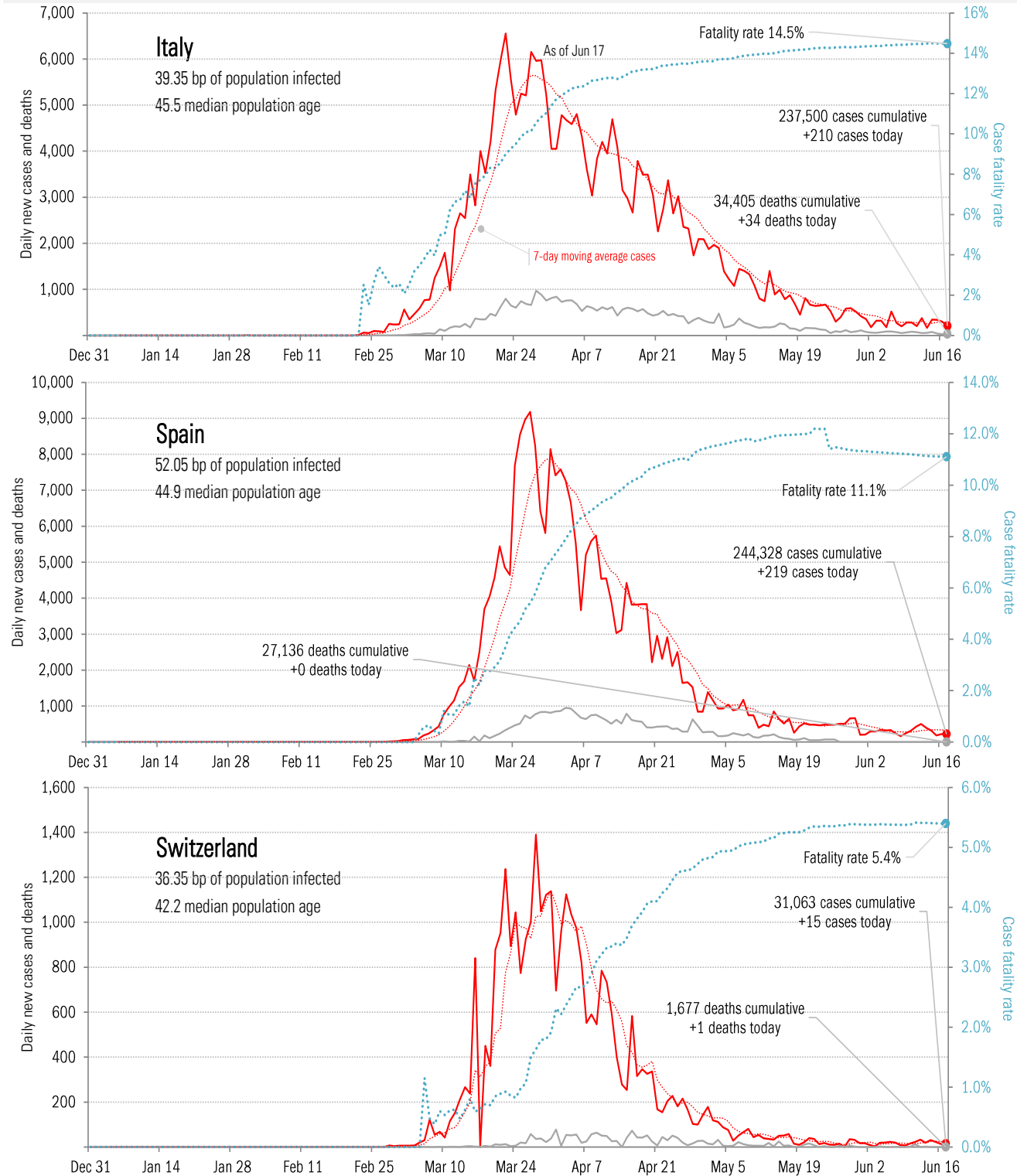
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



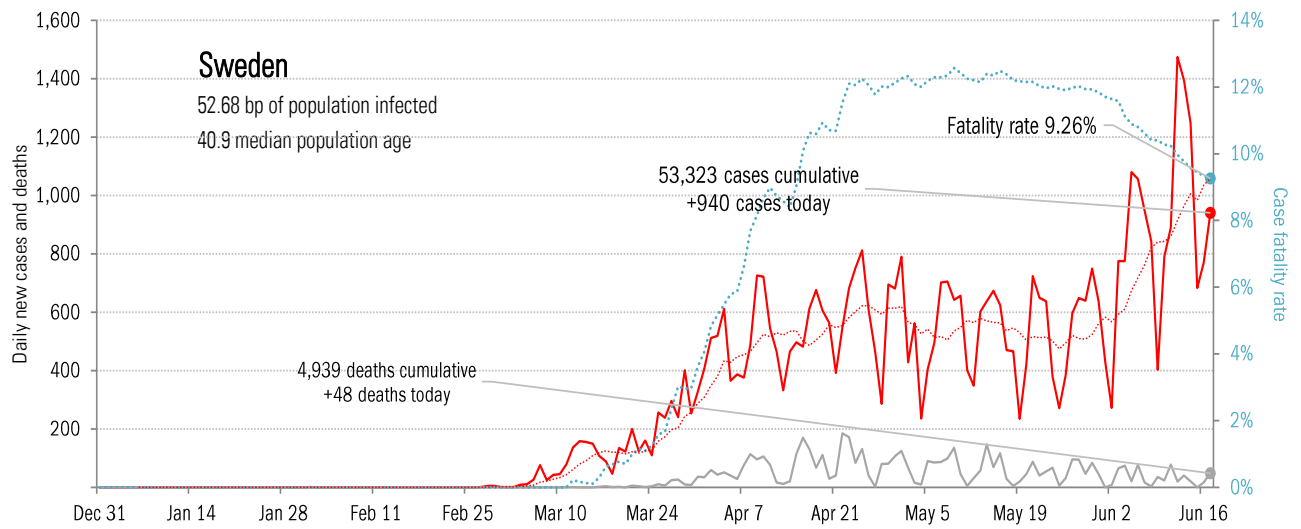
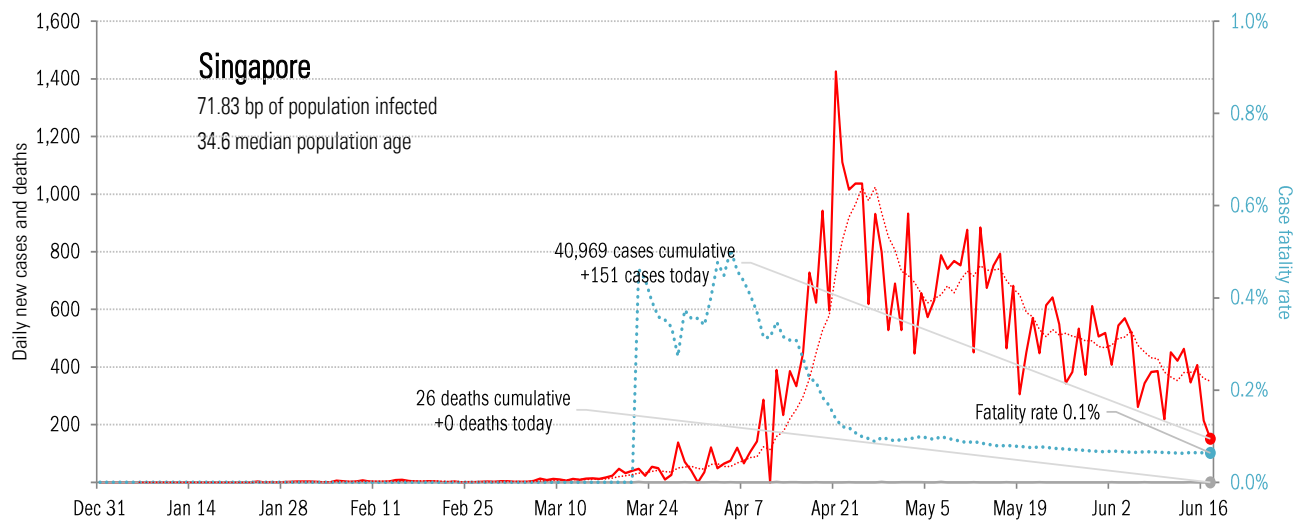
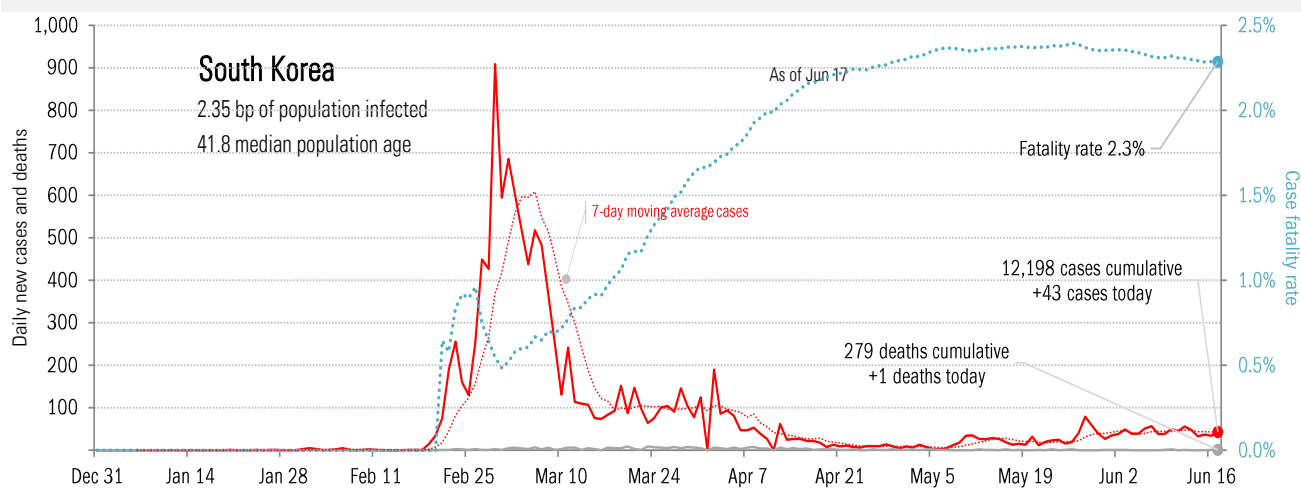
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



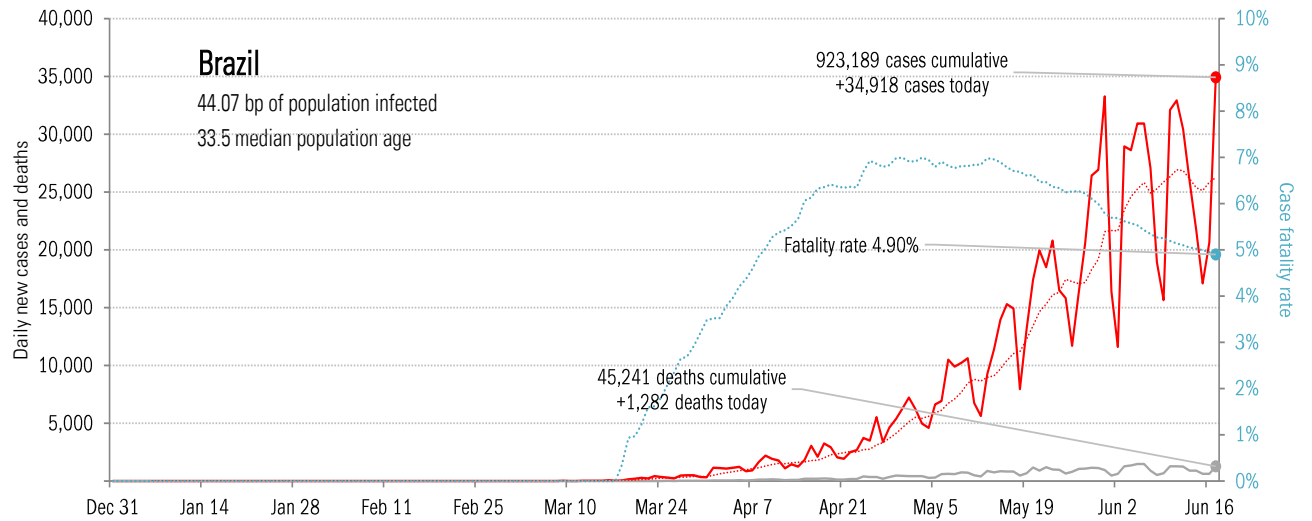
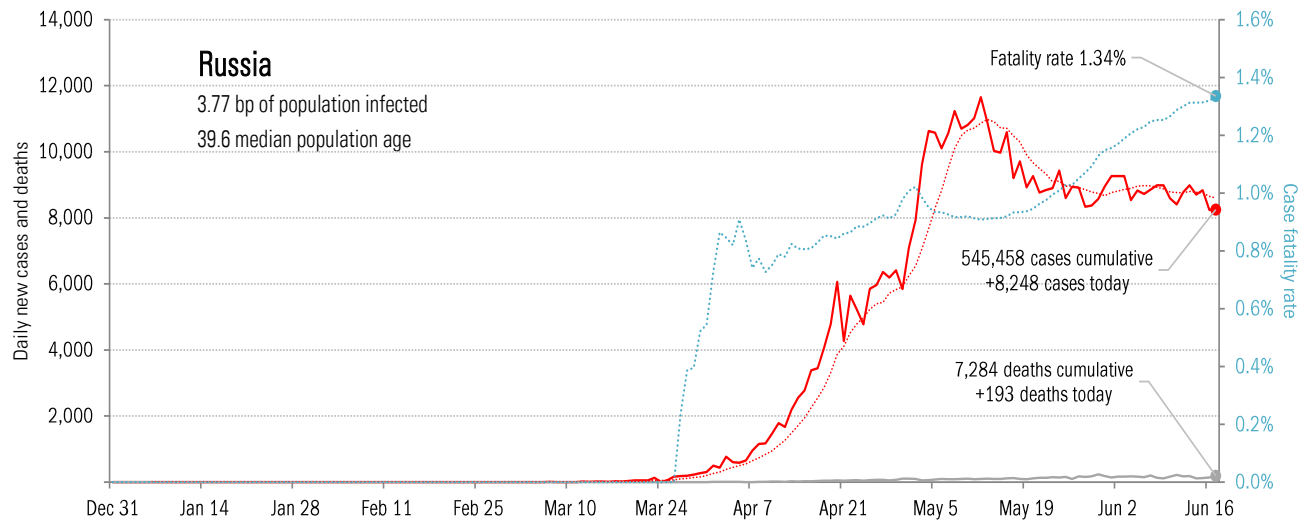
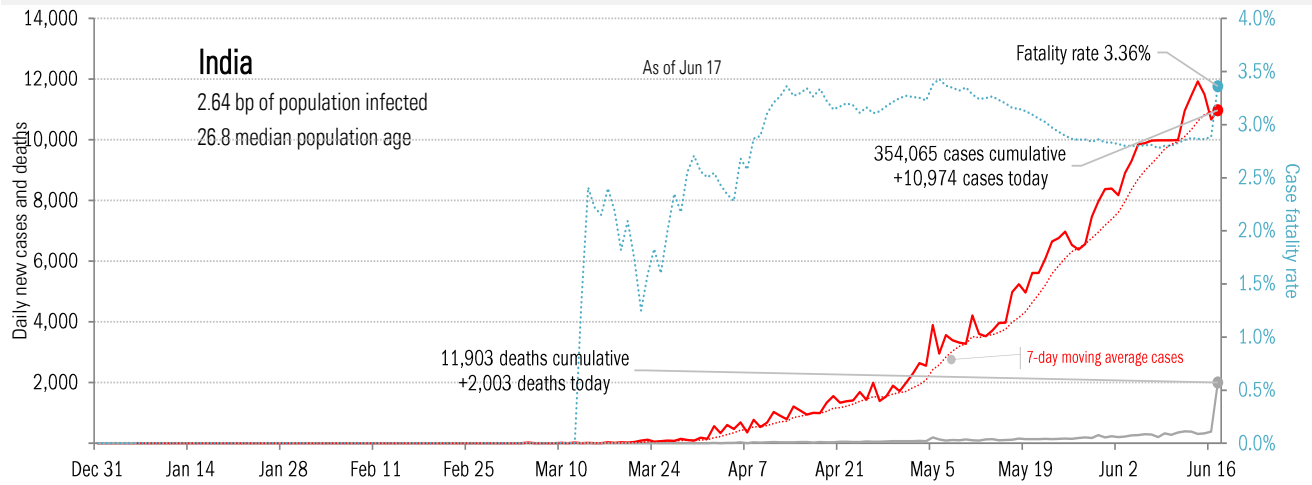
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



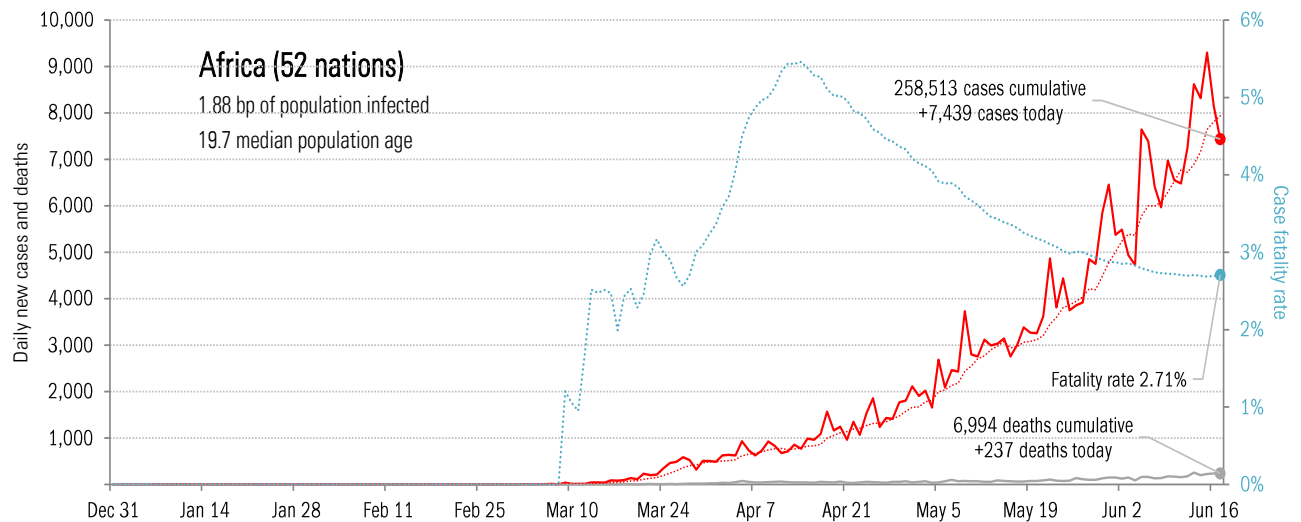
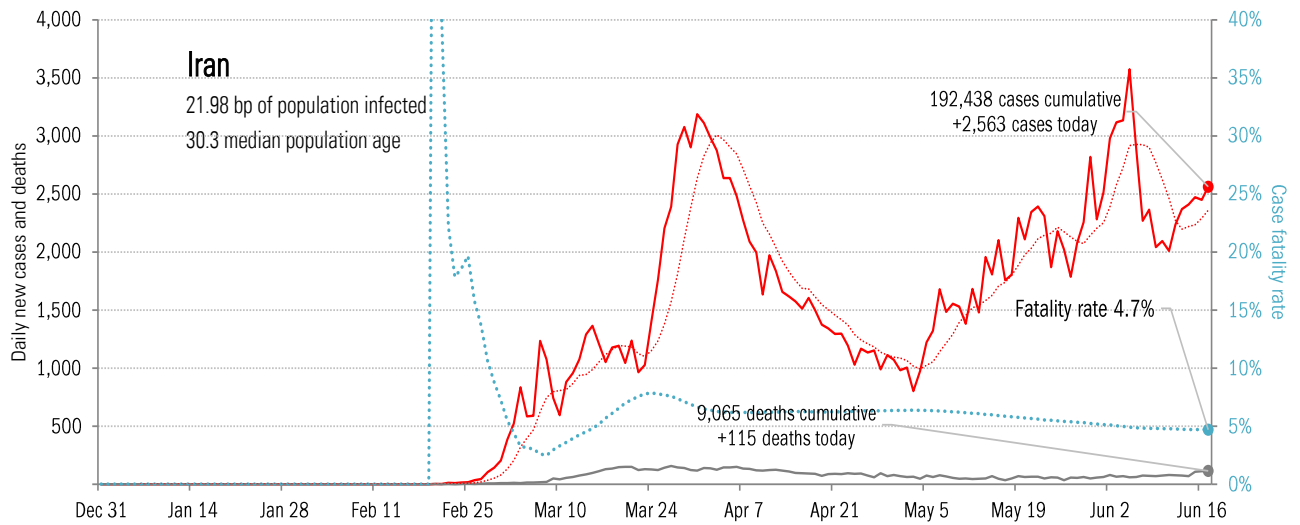
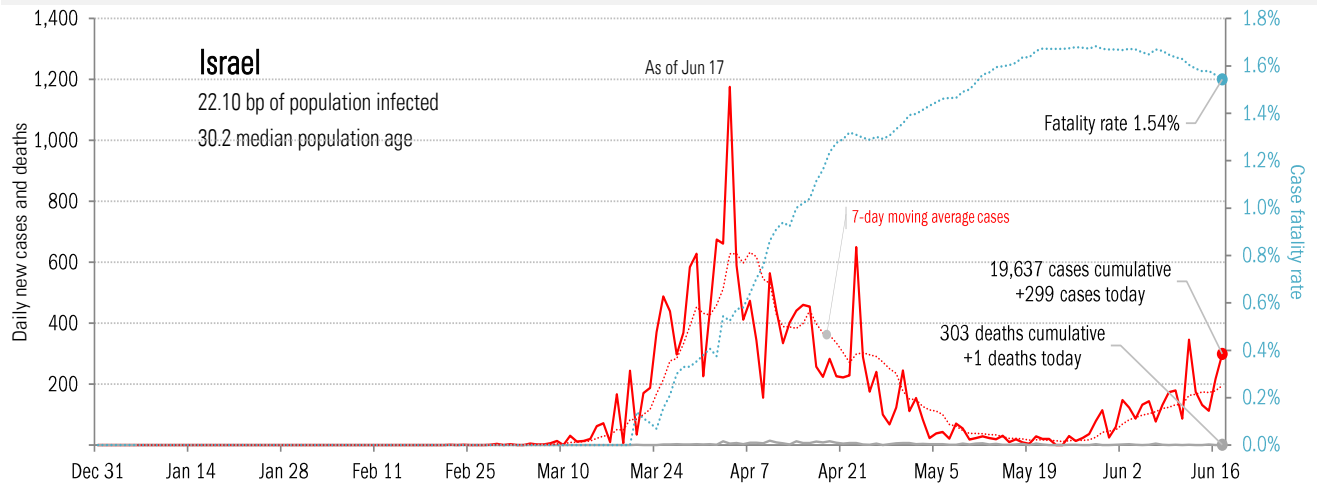
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations