

Data Insights: Covid-2019 Monitor

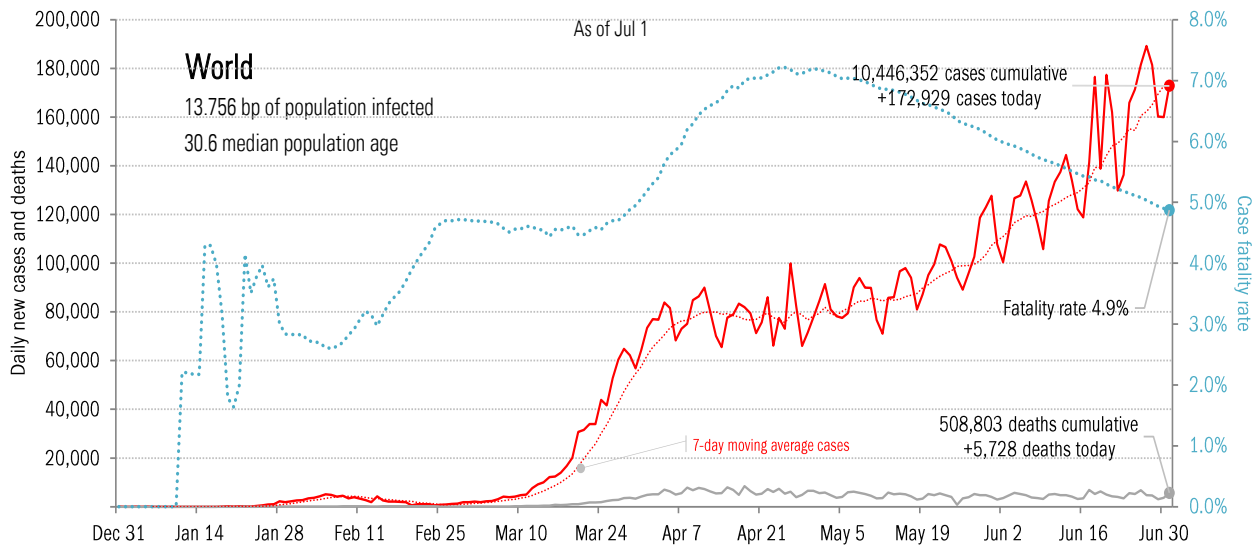
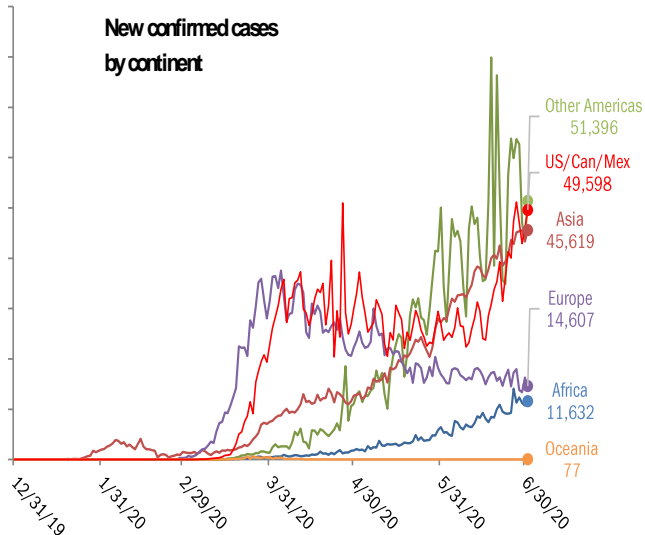
Wednesday, July 1, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+43,880	Brazil	+1,280
Brazil	+33,846	US	+1,270
India	+18,653	Mexico	+648
South_Africa	+6,945	India	+507
Russia	+6,693	Peru	+173
Mexico	+5,432	UK	+155
Saudi	+4,387	Russia	+154
Pakistan	+4,133	Iran	+147
Bangladesh	+3,682	South_Africa	+128
Chile	+3,394	Chile	+113
+131,045		+4,575	
World	+172,929	World	+5,728
Top ten	76%	Top ten	80%

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

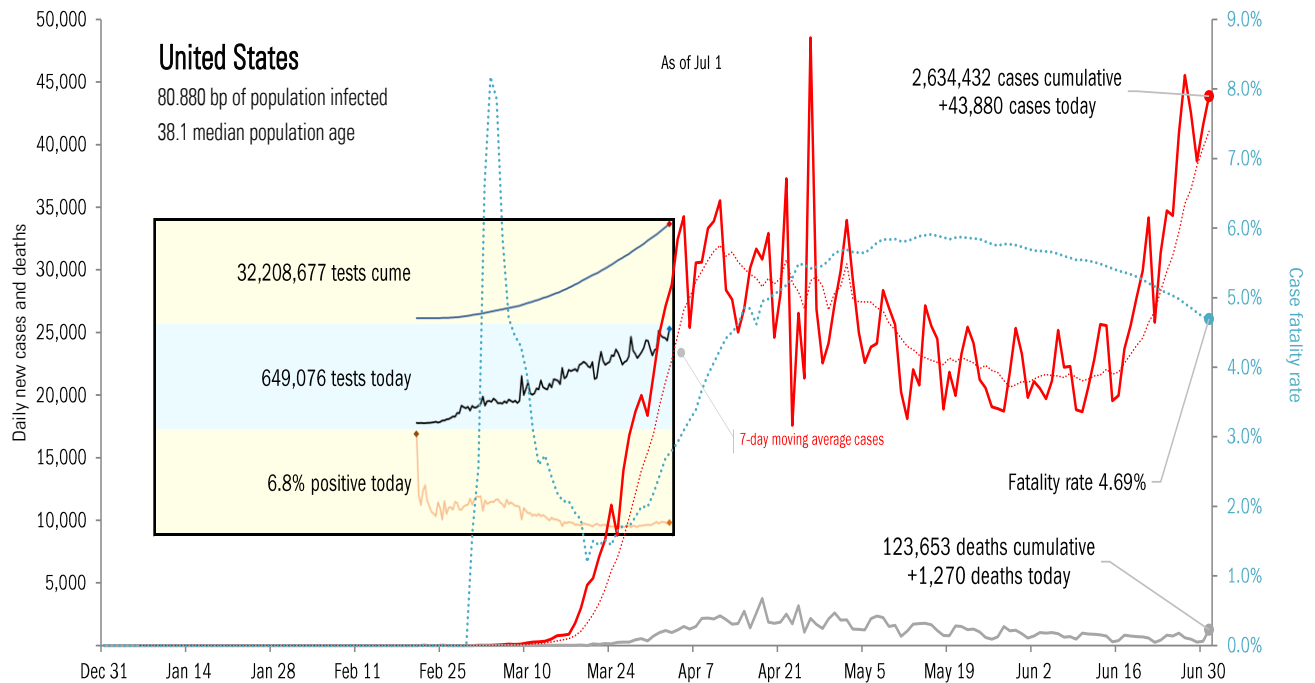
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
TX	+6,975	FL	+58	SC	+232	NY	393,454	NY	24,855	NY	89,995
CA	+6,367	CH	+45	FL	+228	CA	222,917	NJ	15,035	NJ	19,847
FL	+6,093	AZ	+44	GA	+227	NJ	171,667	MA	8,054	FL	14,879
AZ	+4,682	CA	+44	VA	+159	TX	159,986	IL	7,124	MA	11,337
GA	+1,874	NJ	+43	AZ	+102	FL	152,434	PA	6,649	GA	11,051
SC	+1,755	PA	+35	CH	+93	IL	144,238	MI	6,193	MD	10,844
TN	+1,212	MI	+32	TN	+66	MA	108,882	CA	5,980	CT	10,268
NC	+1,186	VA	+23	WA	+48	PA	86,606	CT	4,322	VA	8,982
LA	+1,014	LA	+22	AL	+44	GA	81,291	FL	3,604	CH	7,839
AL	+870	AL	+21	CO	+41	AZ	79,215	LA	3,221	IN	7,065
+32,028		+367		+1,240		1,600,690		85,037		192,107	
All states	+44,358	All states	+575	All states	+1,582	All states	2,621,831	All states	120,336	All states	242,408
Top ten	72%	Top ten	64%	Top ten	78%	Top ten	61%	Top ten	71%	Top ten	79%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TN	-913	MA	-76	MA	-34	IA	+5,361
KS	-905	RI	-15	KS	-24	TX	+3,483
AL	-864	WI	-7	MD	-7	SC	+2,015
AR	-427	KS	-6	NJ	-6	TN	+637
GA	-333	MS	-6	RI	-5	OK	+498



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

Recommended reading

[A Corona Commission for New York](#)

Bill Hammond
Wall Street Journal
June 30, 2020

[Why Cornell Will Reopen in the Fall](#)

Michael I. Kotlikoff and Martha E. Pollack
Wall Street Journal
June 30, 2020

[People with coronavirus are crossing the US-Mexico border for medical care](#)

Catherine E. Shoichet
CNN
June 29, 2020

[Most People With Coronavirus Won't Spread It. Why Do a Few Infect Many?](#)

Carl Zimmer
New York Times
June 30, 2020

[Florida COVID-19 Spikes Approach New York April Peak With Less Than One-Tenth of Deaths](#)

Emily Czachor
Newsweek
June 28, 2020

[Michigan's nursing home order has risked lives](#)

Tim Walberg and Steve Scalise
Detroit News
June 27, 2020

Meme of the day

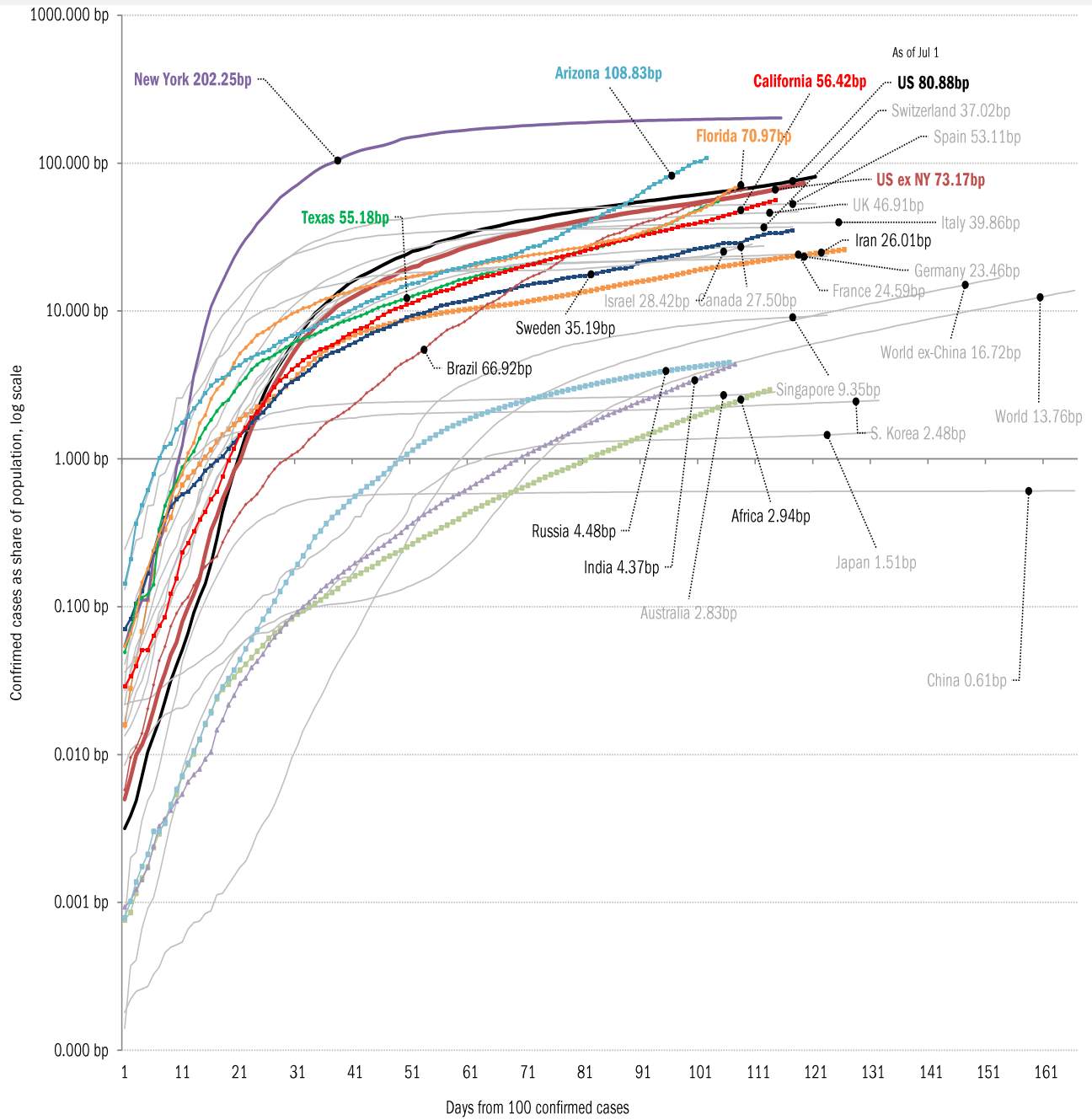
"Things will get back to normal by July"

July:



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

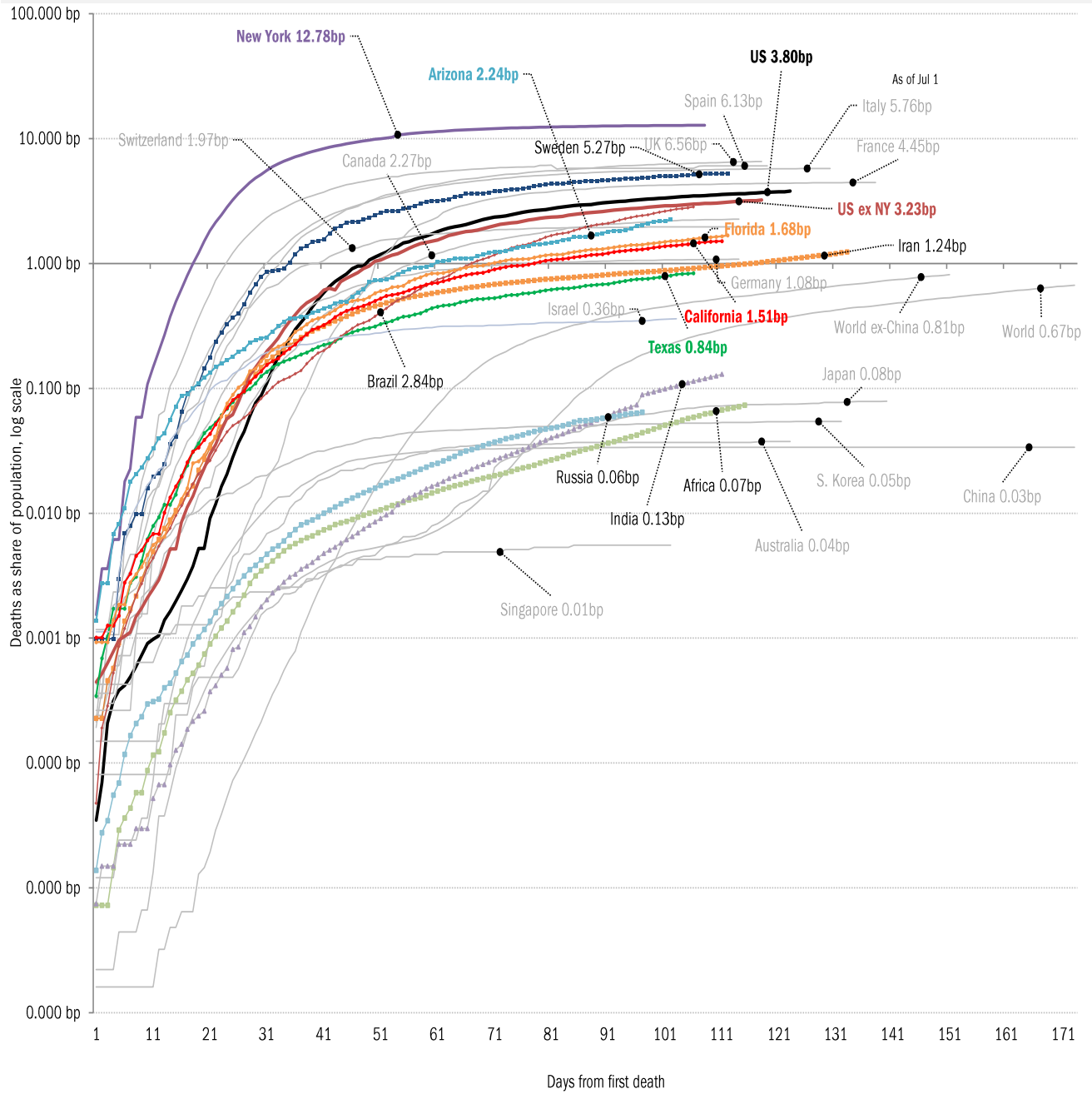
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

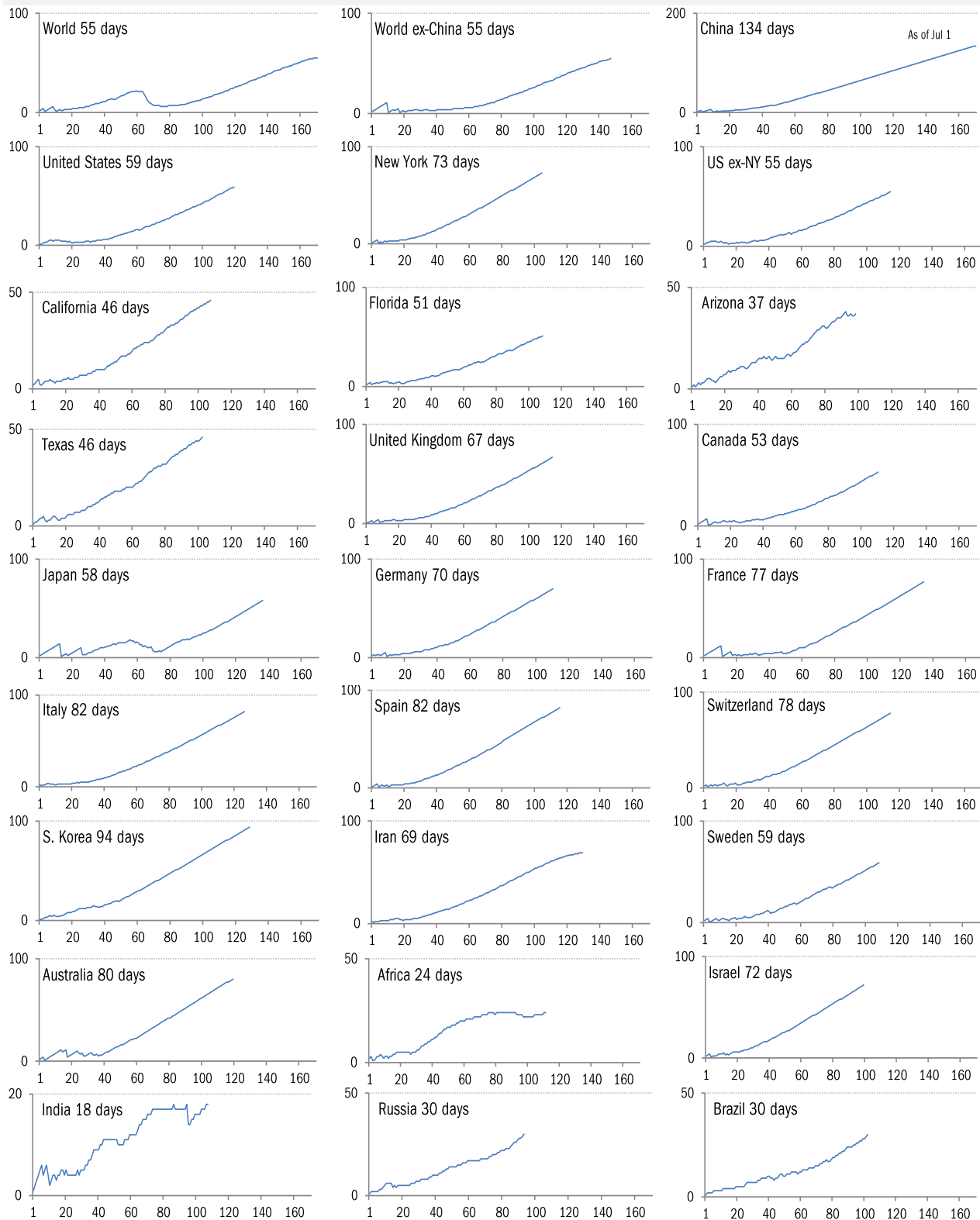
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

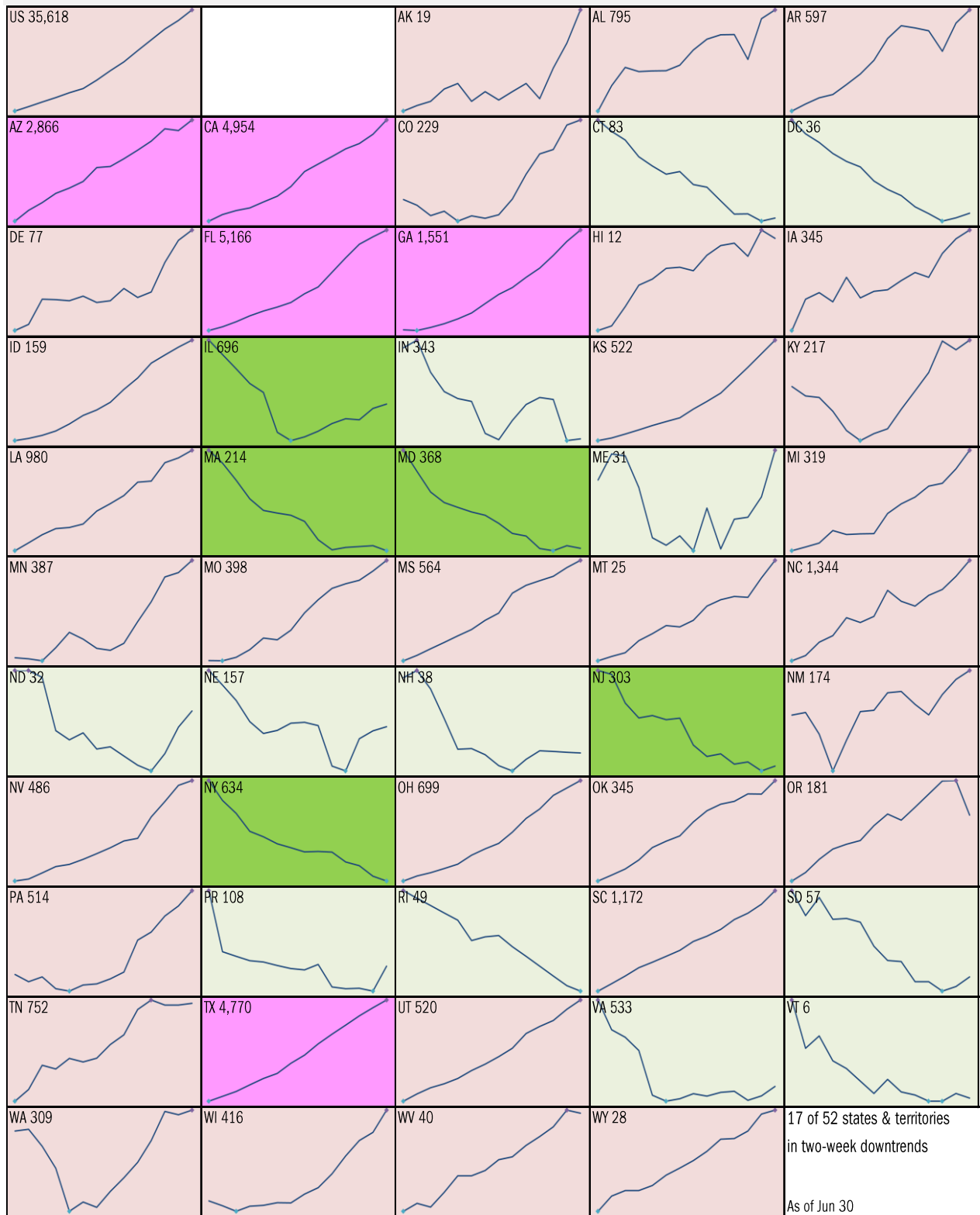
Our most reliable evidence of slowing exponential growth of Covid-2019

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
 ■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst

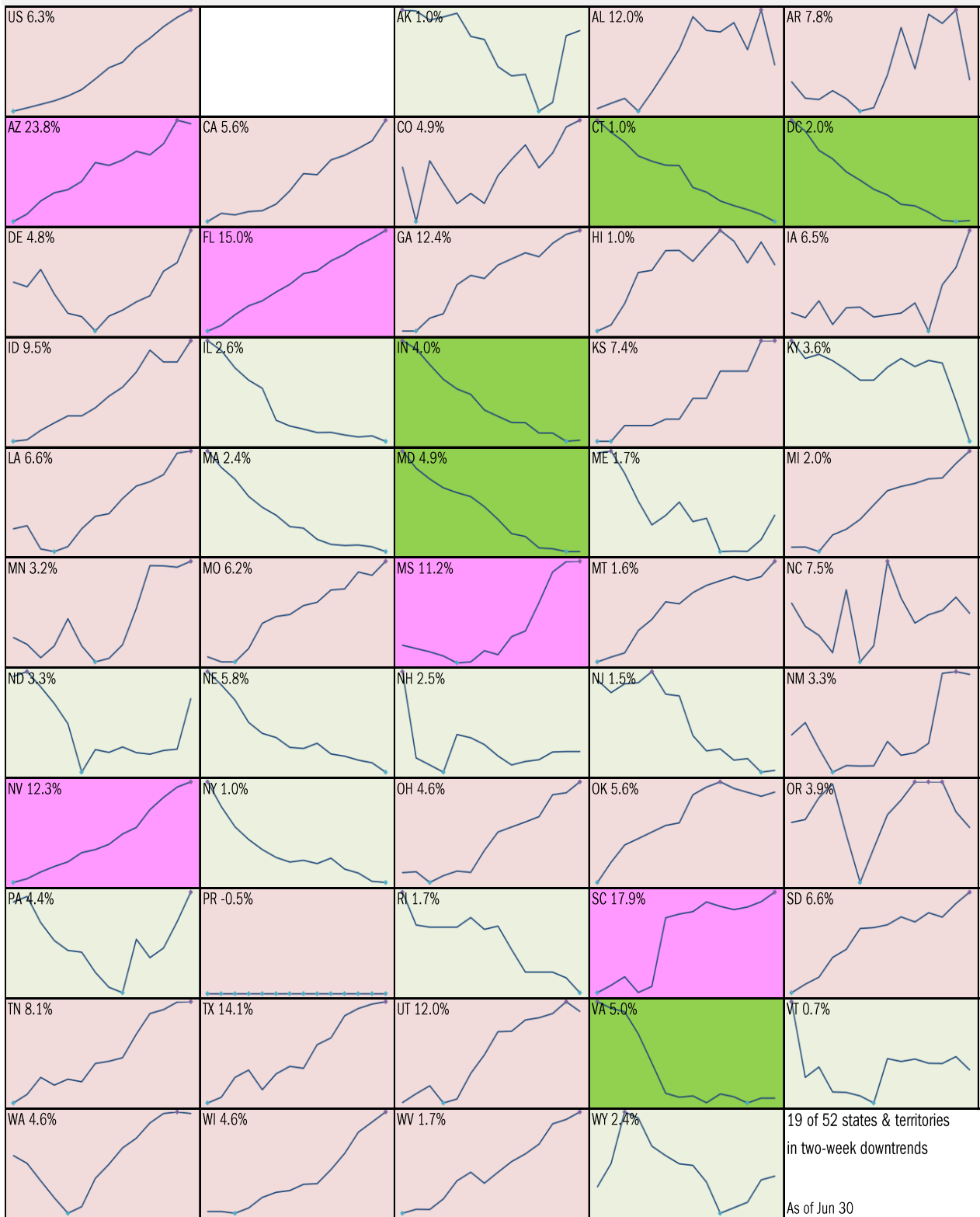


Source: [Covid Tracking Project](#), TrendMacro calculations

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

■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



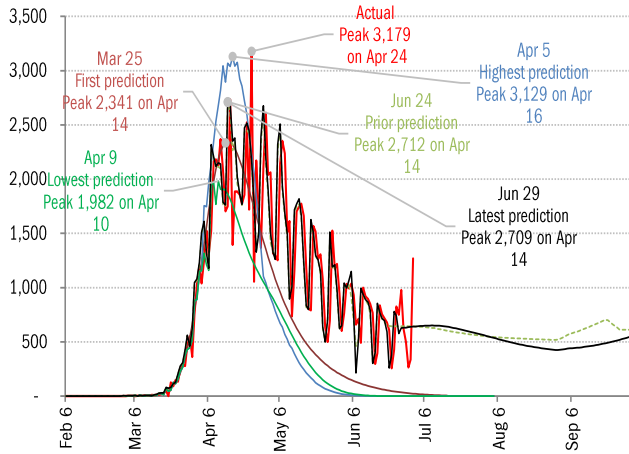
Source: [Covid Tracking Project](#), TrendMacro calculations

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

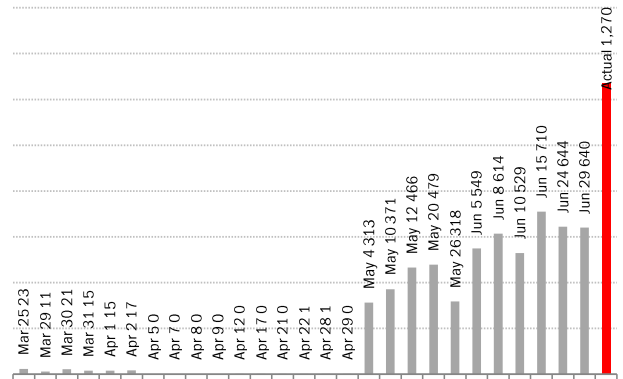
New daily fatalities

As of Jul 1

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

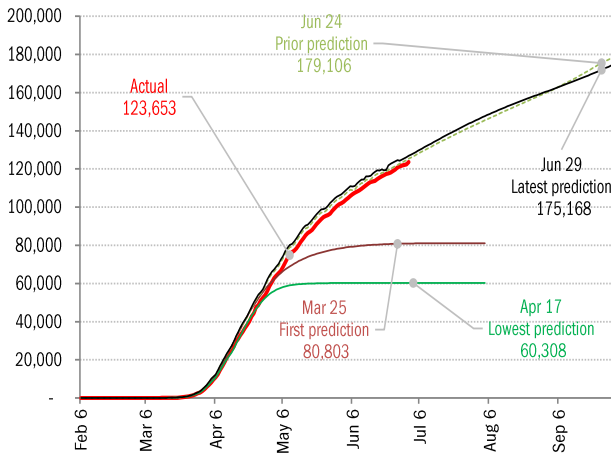


For this day, versus all model mean predictions

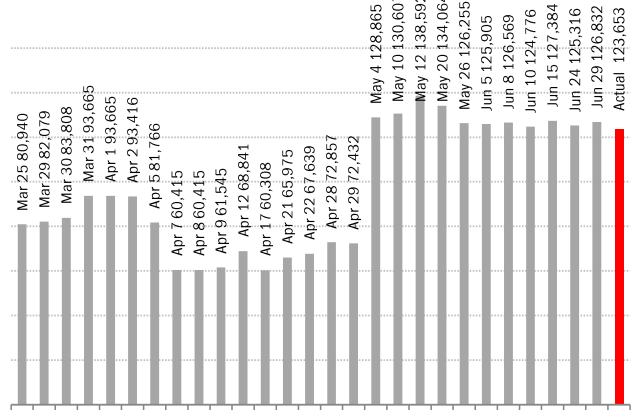


Cumulative fatalities

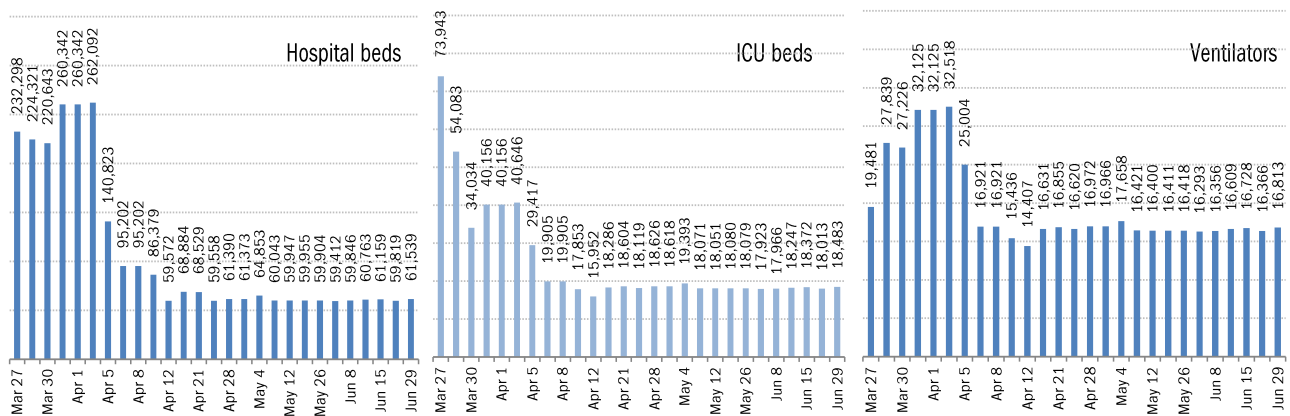
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

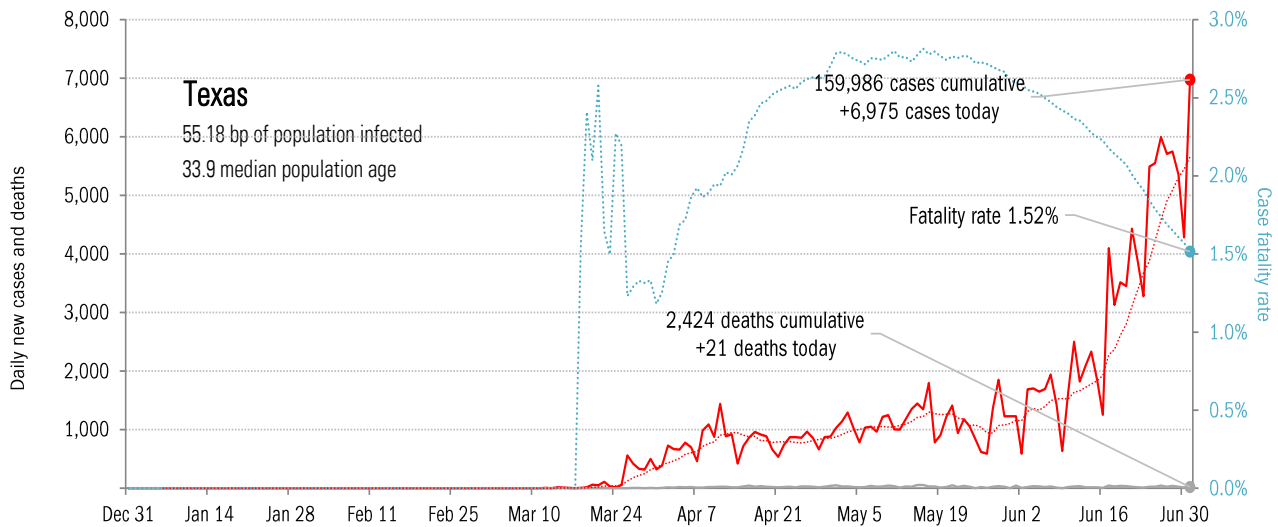
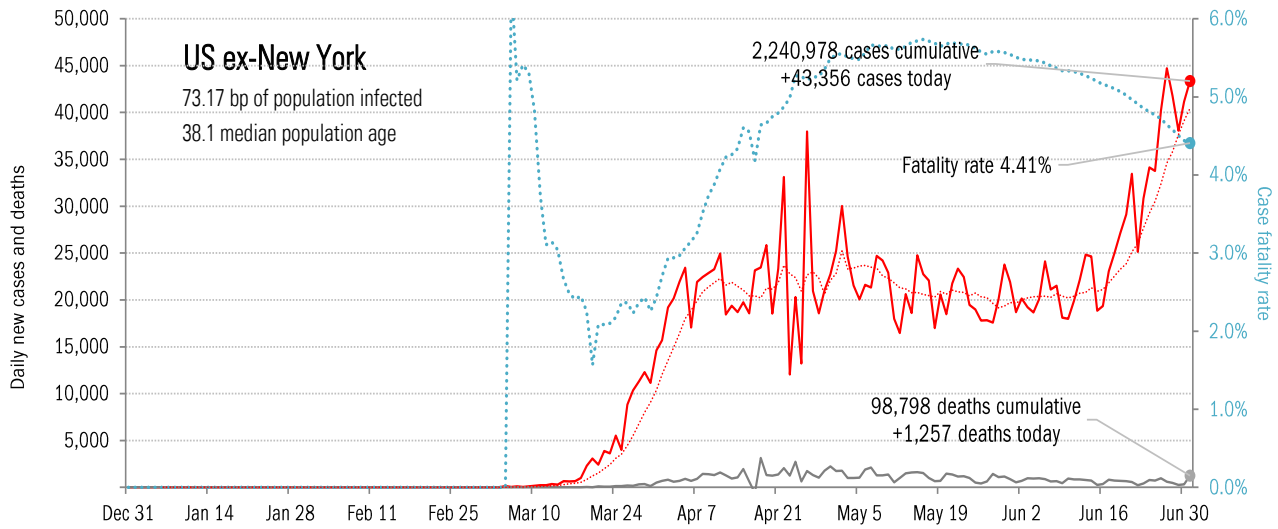
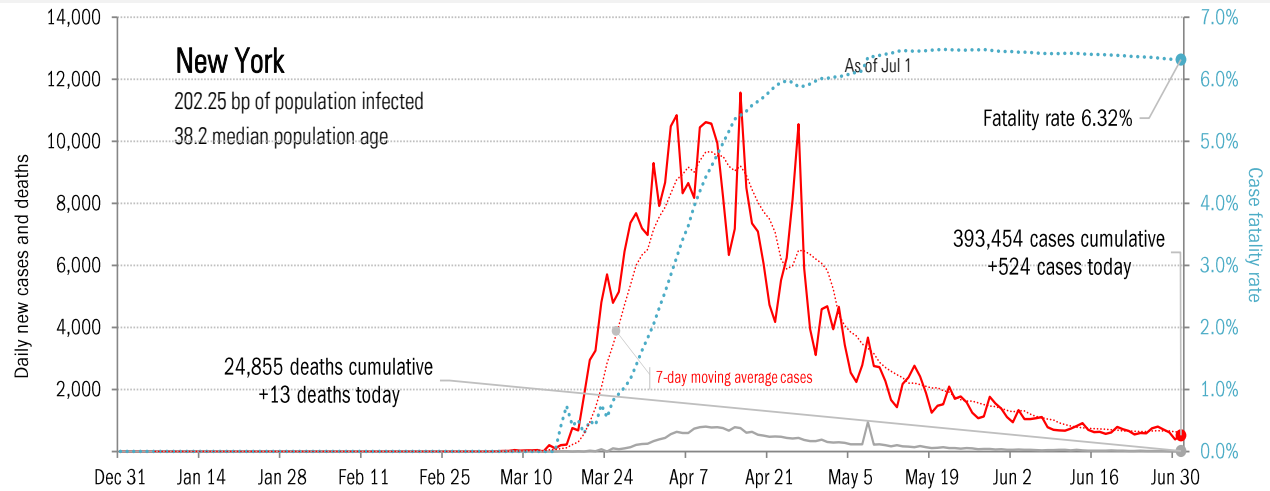


Healthcare system stress, peak estimated at each model revision



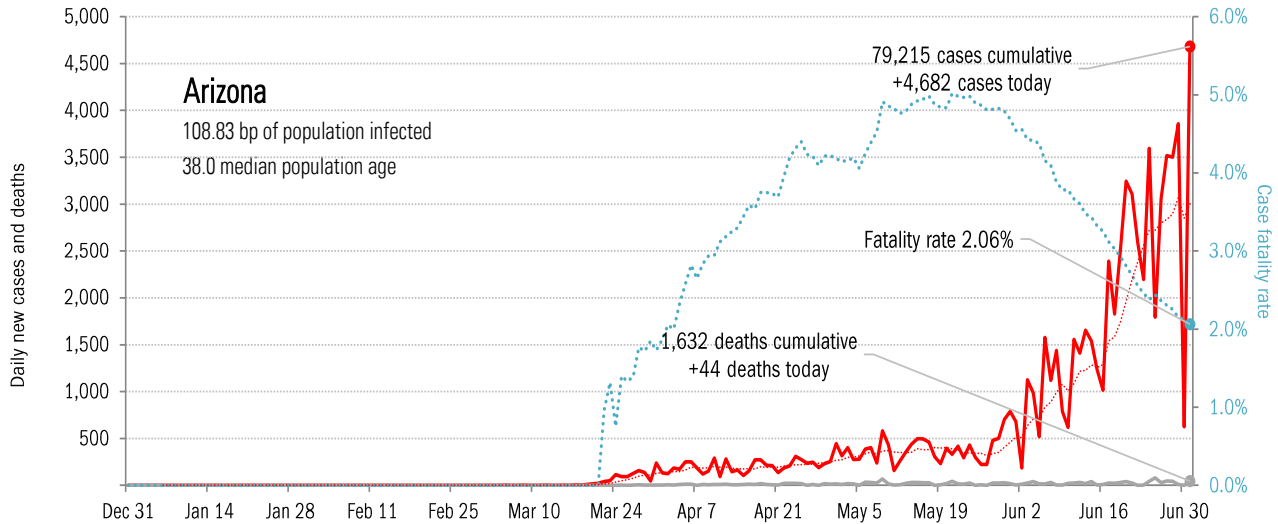
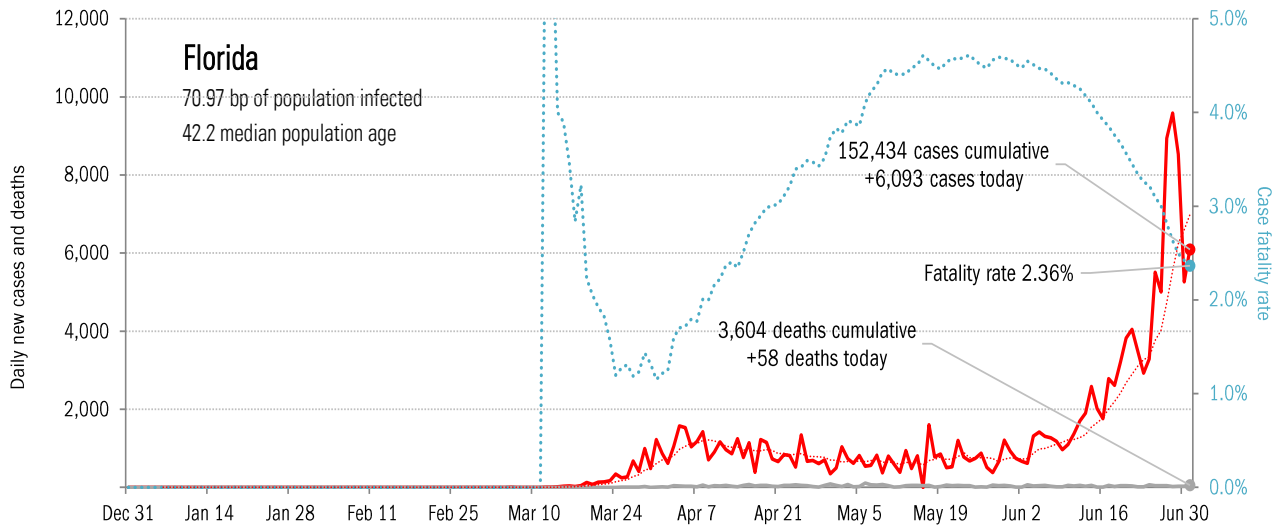
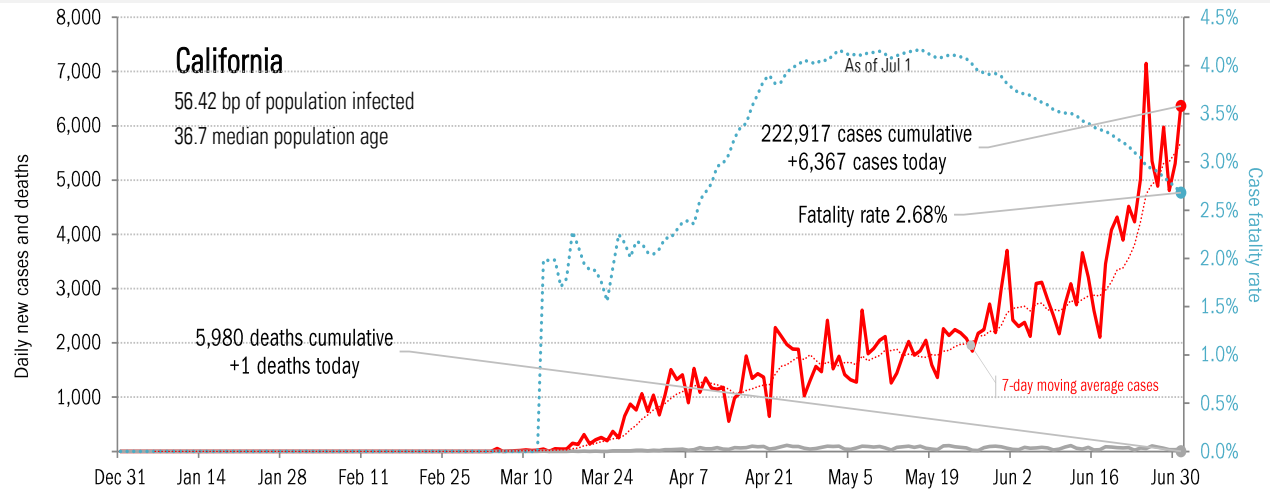
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



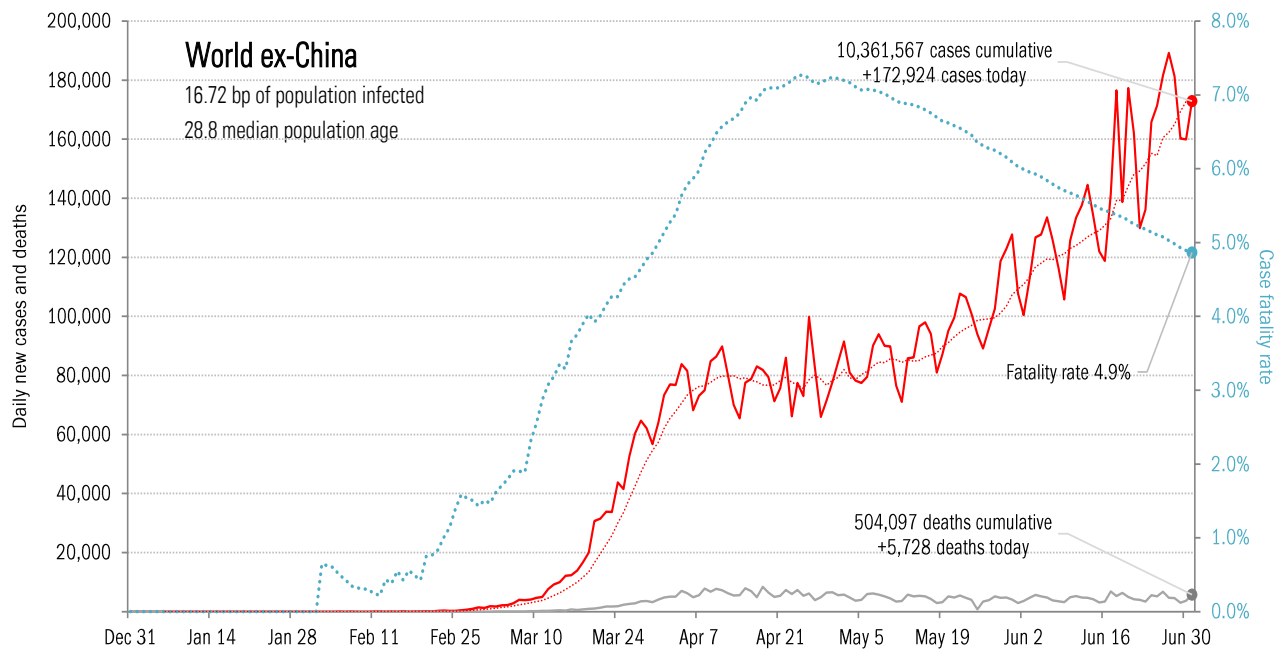
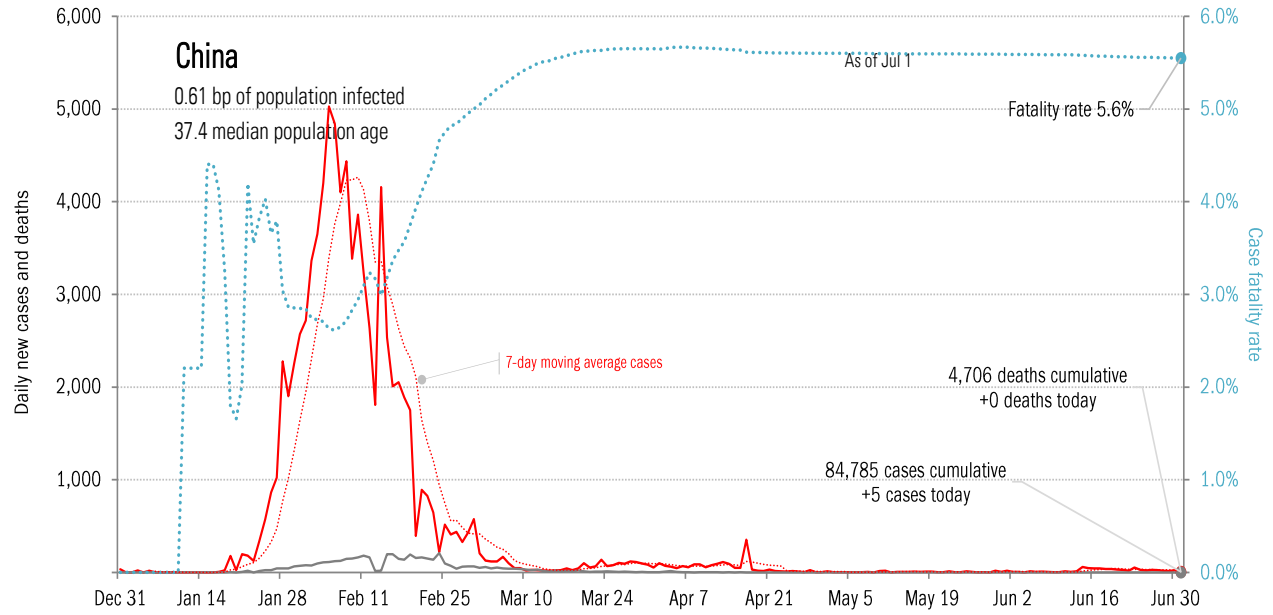
Source: [ECDC](#), TrendMacro calculations

The "second wave" states (other than Texas)



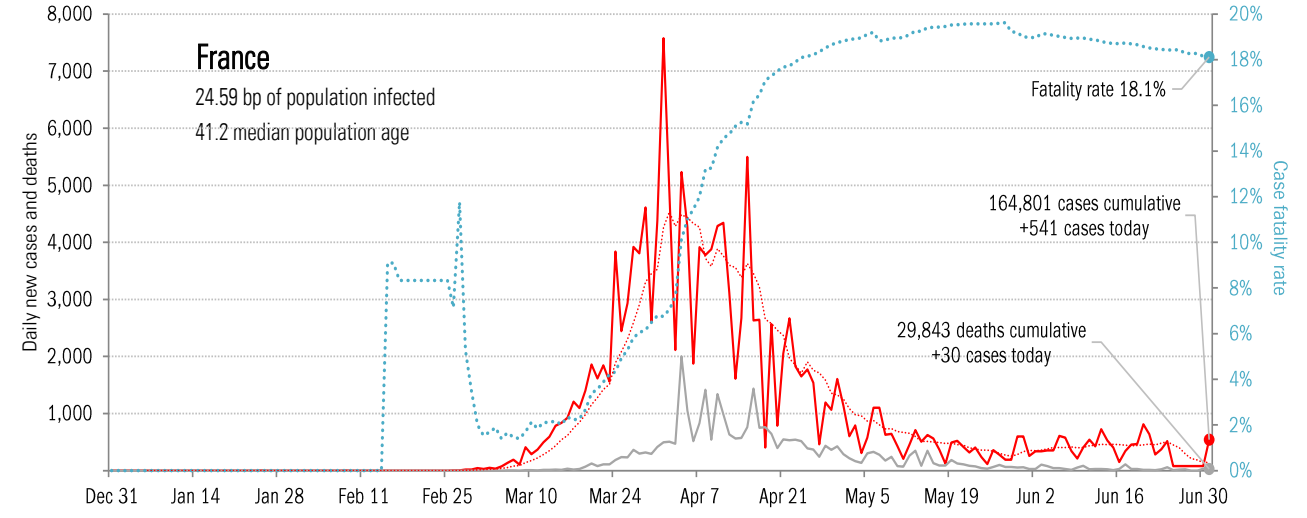
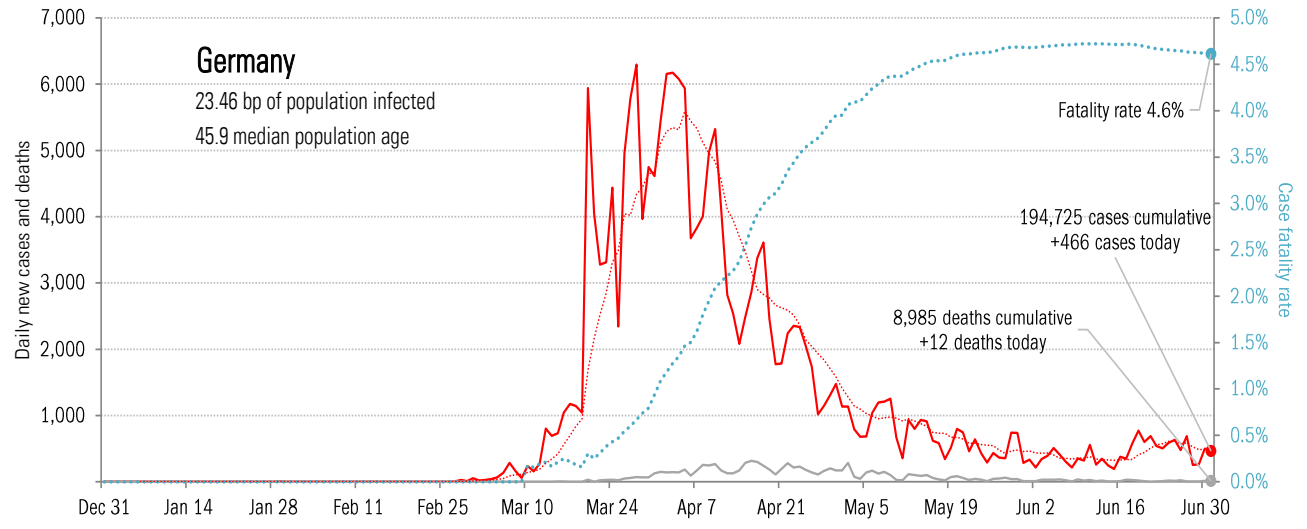
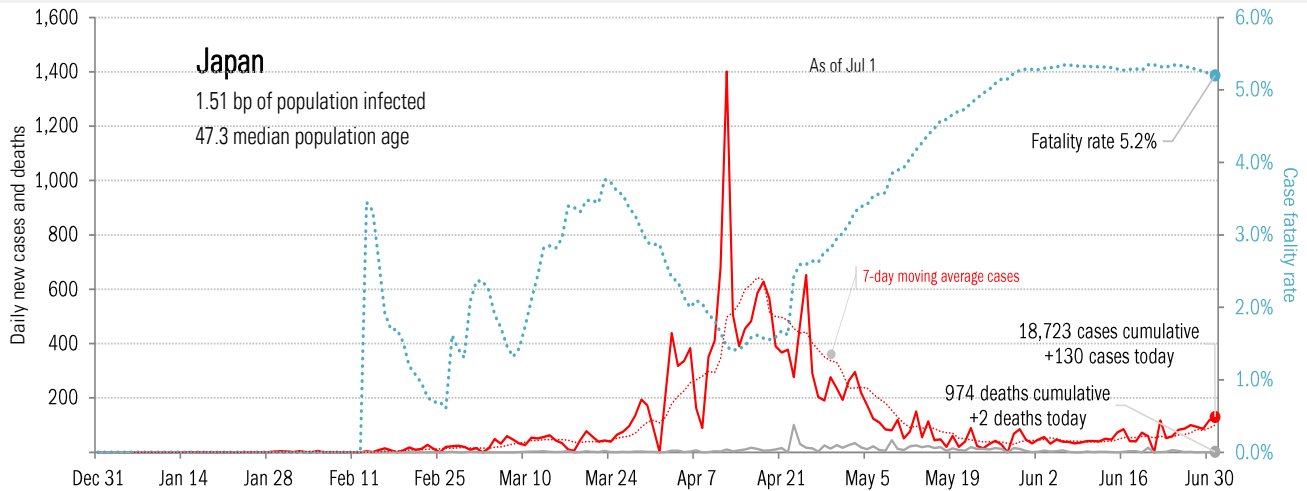
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



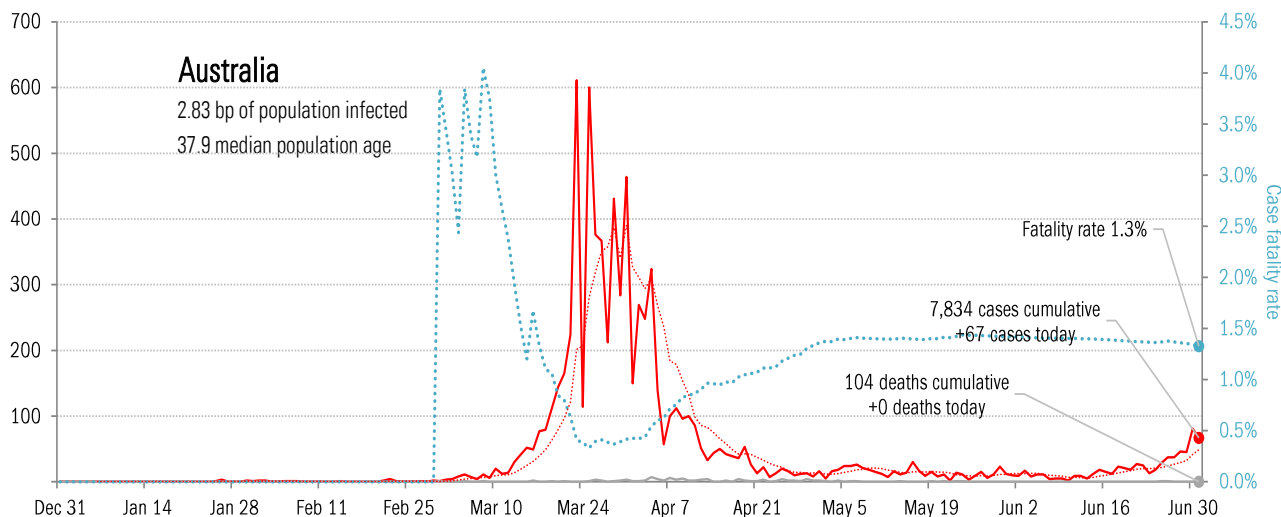
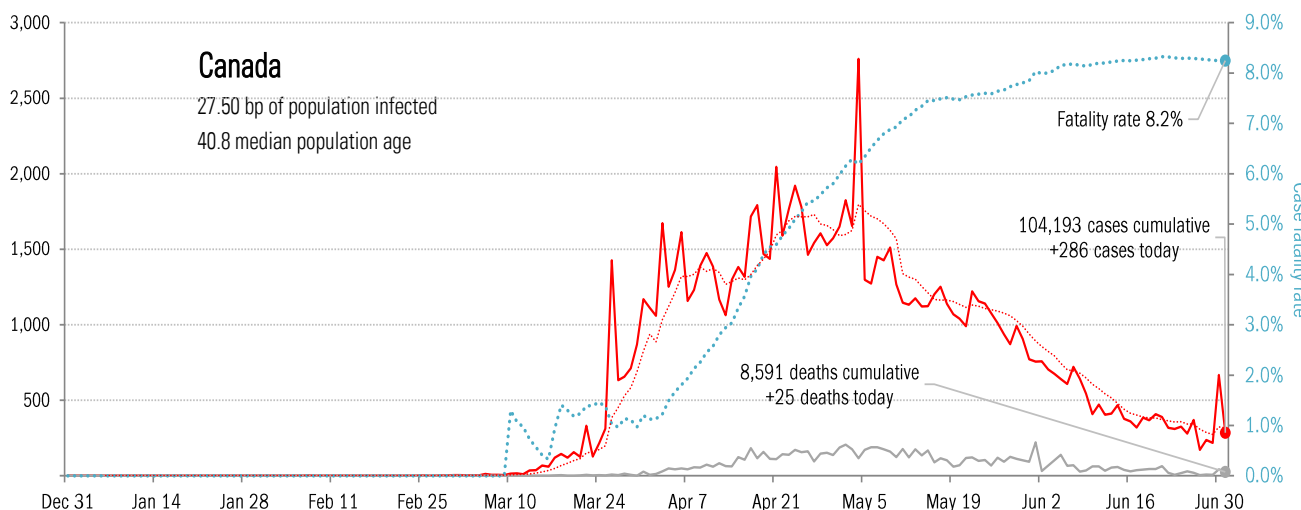
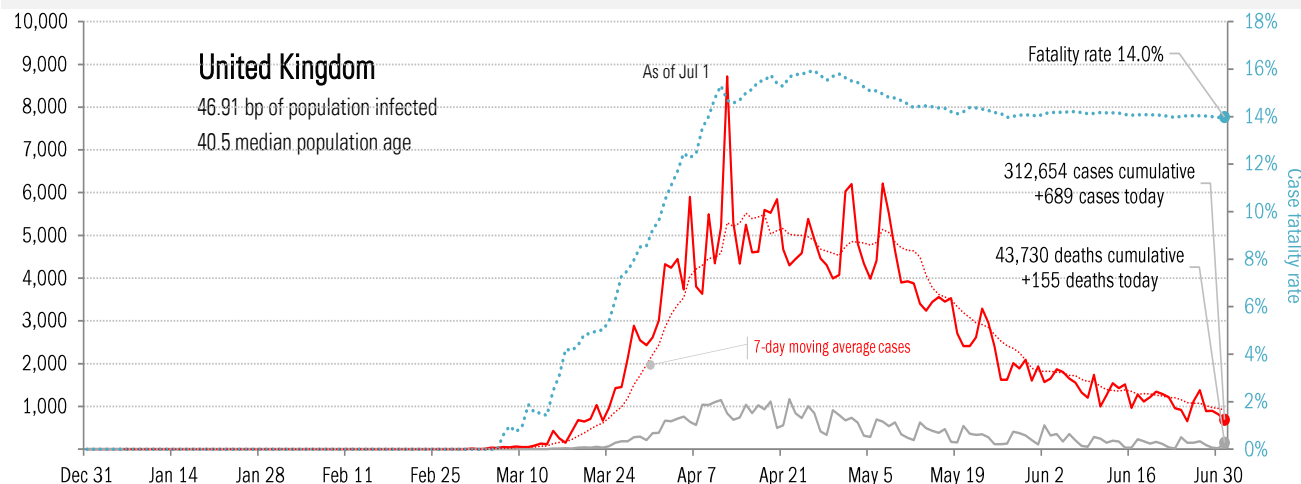
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



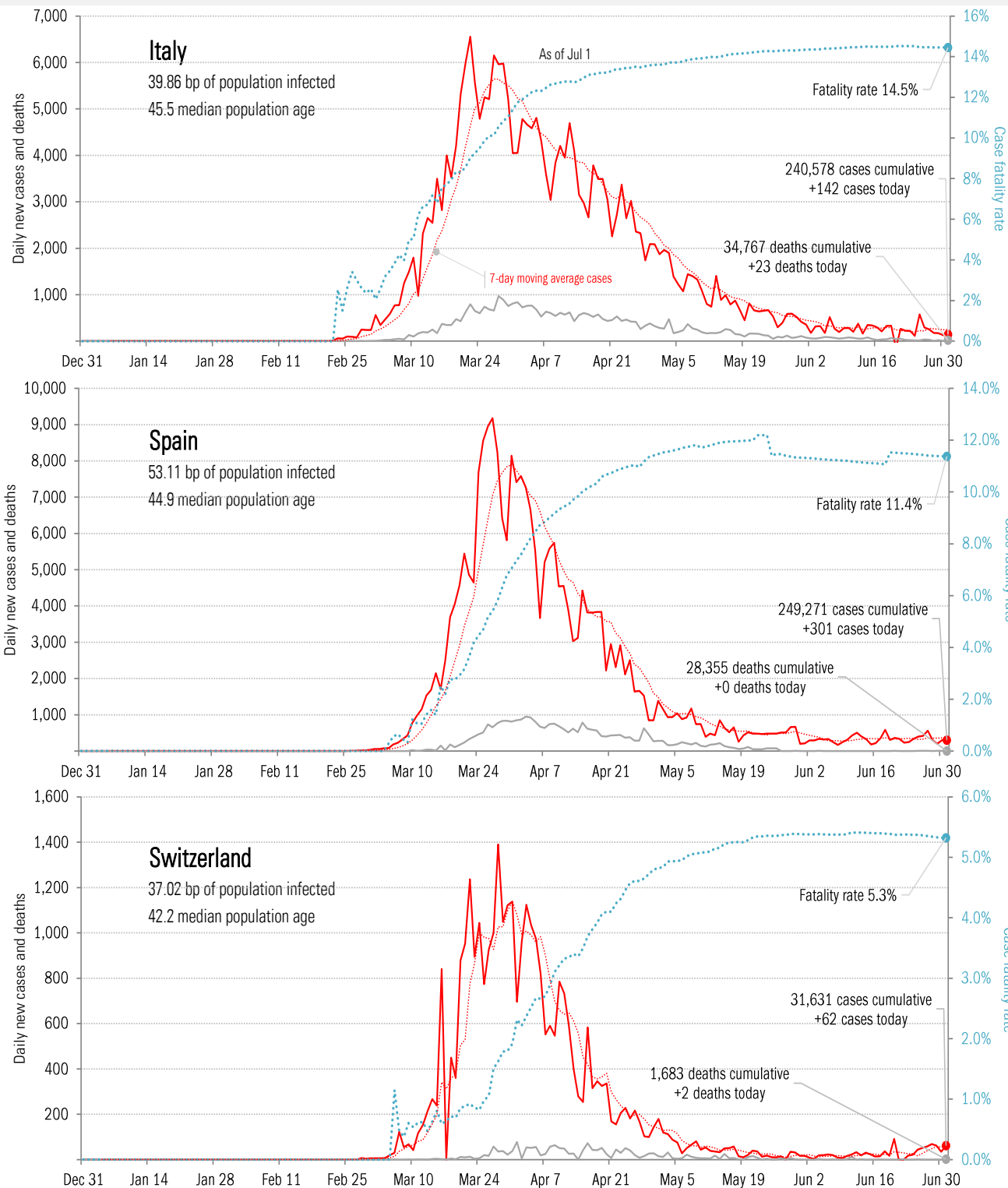
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



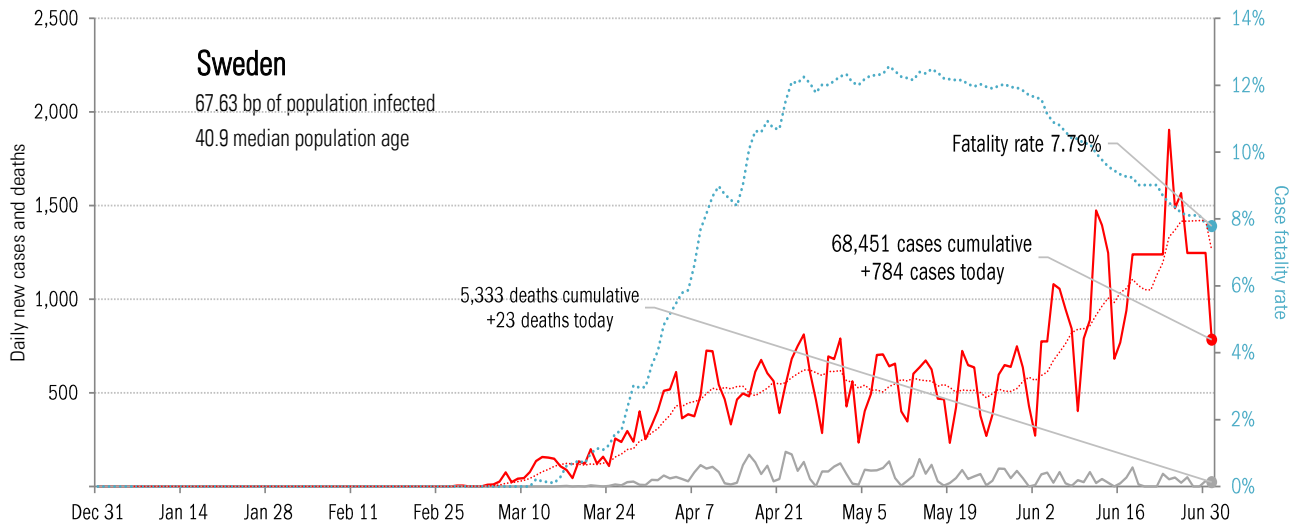
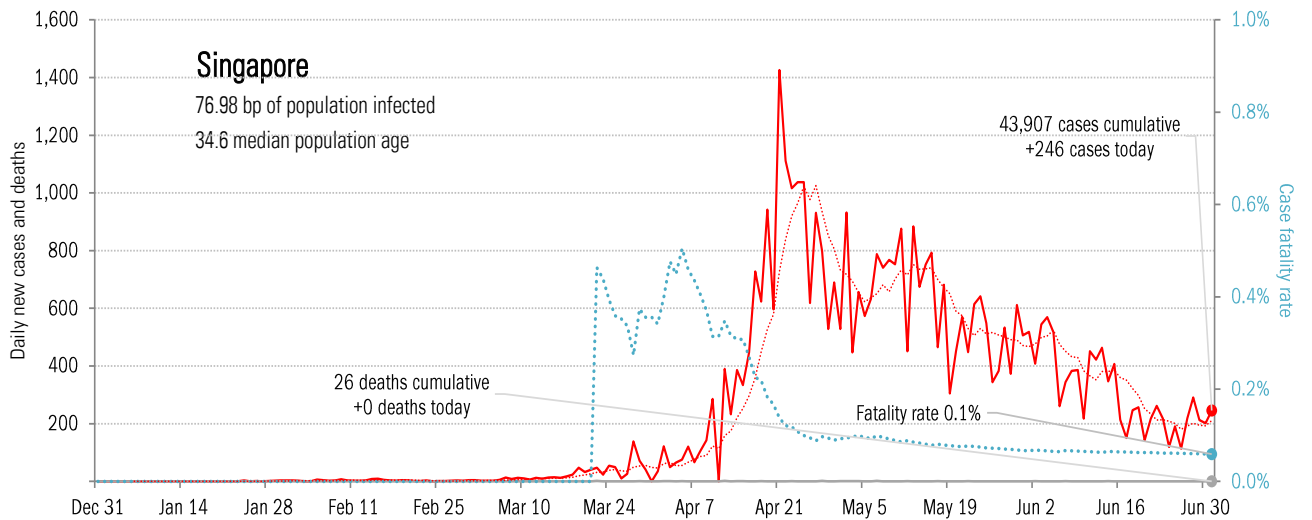
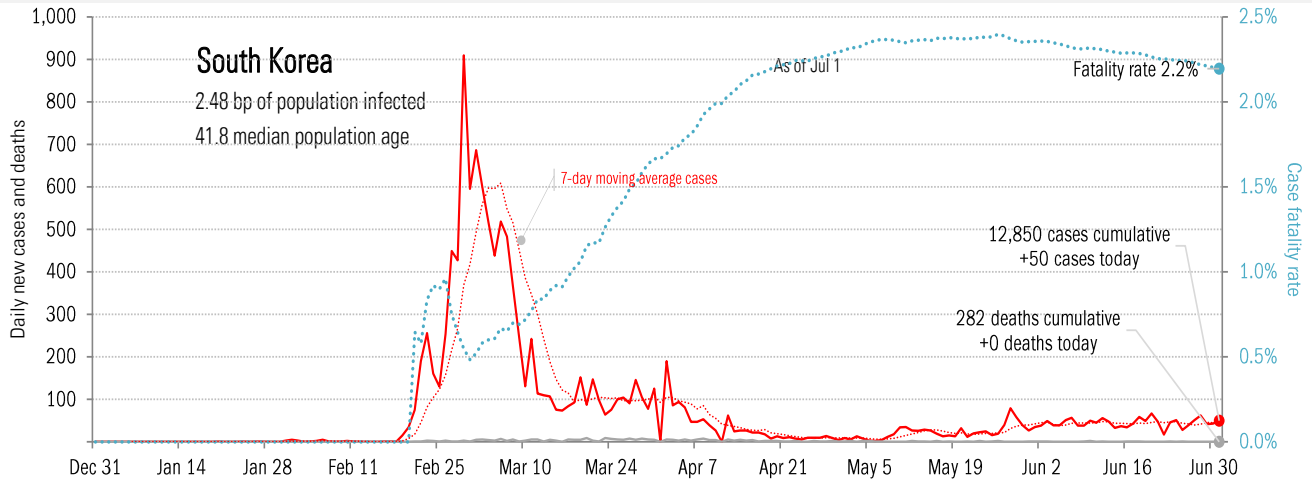
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



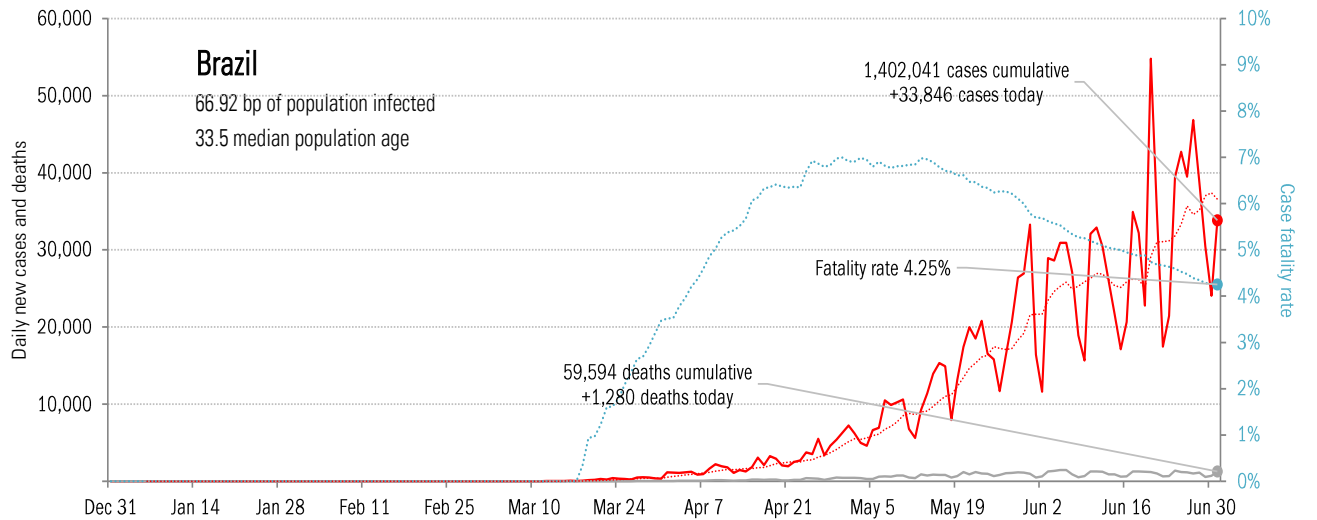
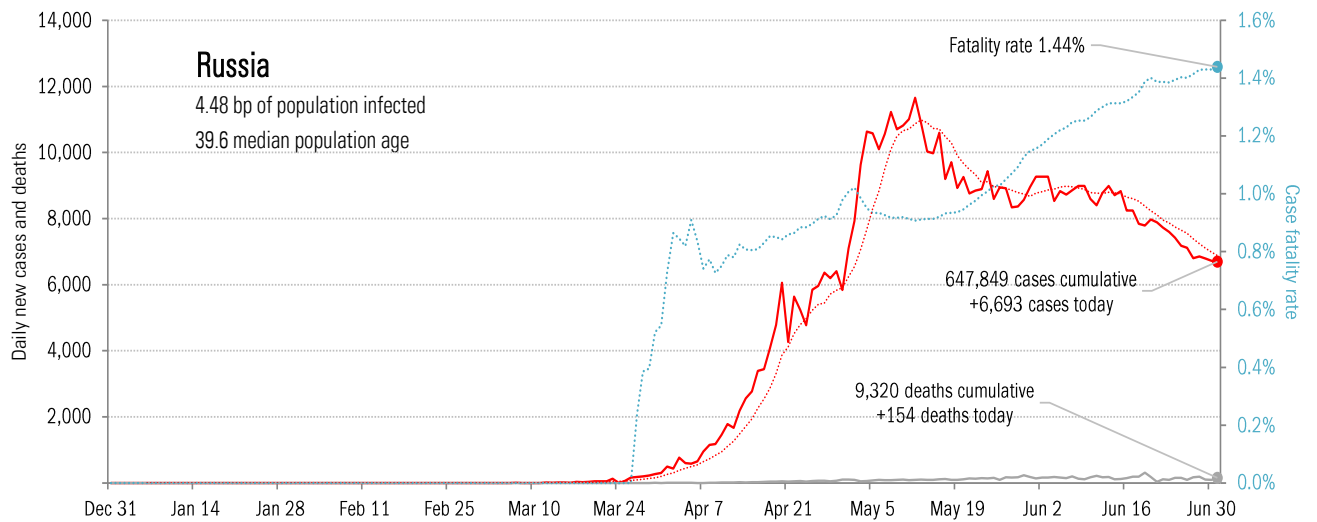
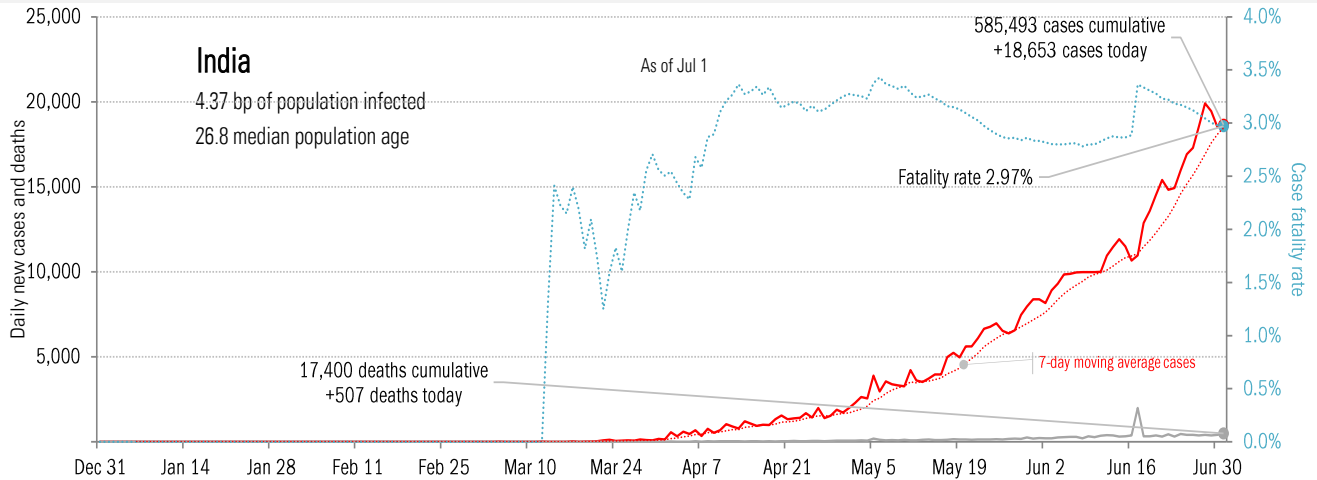
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



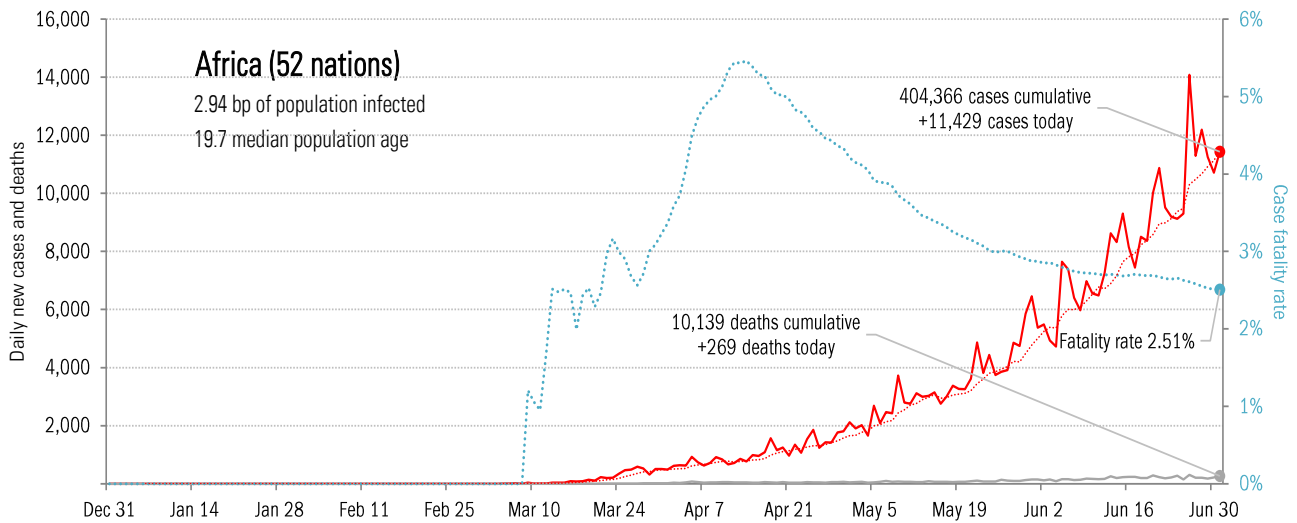
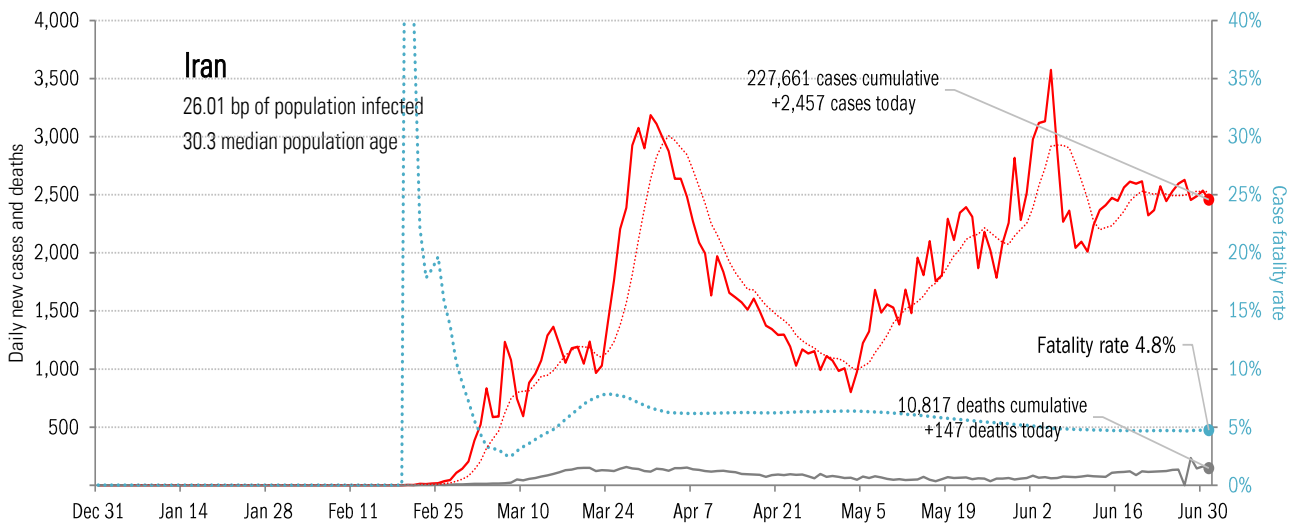
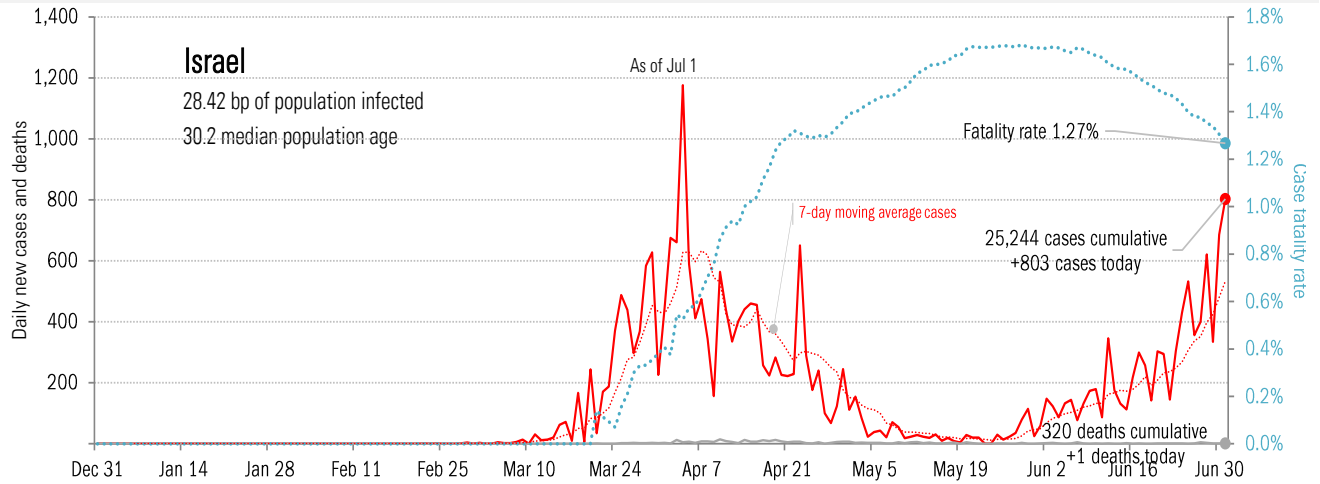
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations