

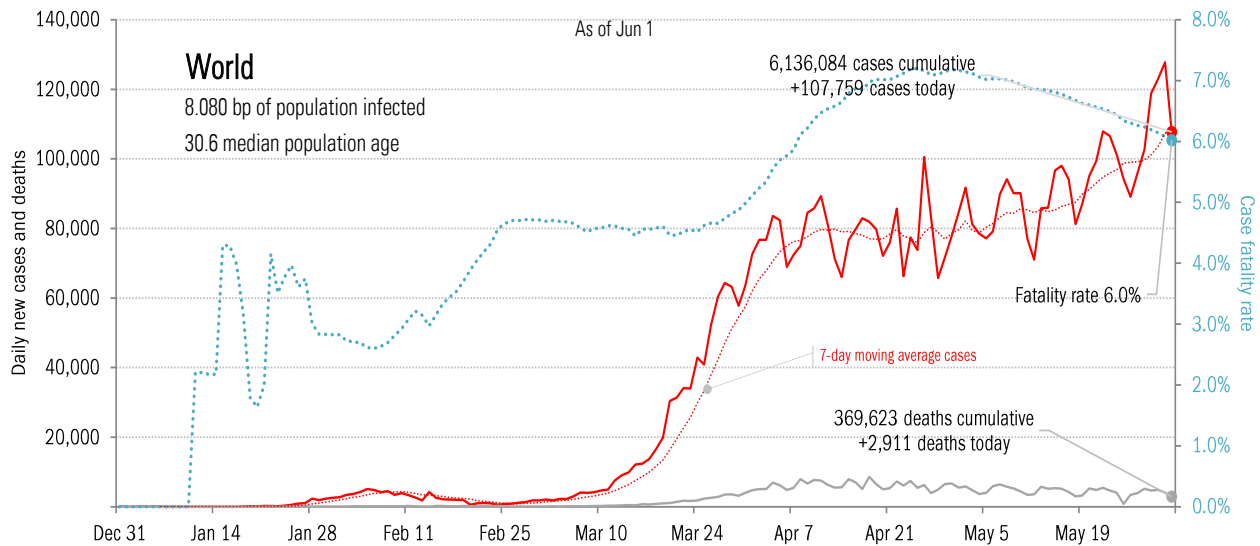
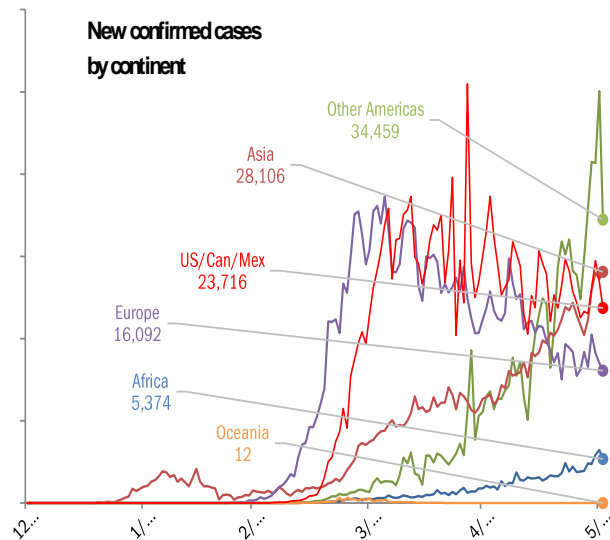
Data Insights: Covid-2019 Monitor

Monday, June 1, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+19,807	US	+602
Brazil	+16,409	Brazil	+480
Russia	+9,268	India	+230
Peru	+8,805	Canada	+222
India	+8,392	Mexico	+151
Chile	+4,830	Russia	+138
Mexico	+3,152	Peru	+135
Pakistan	+2,964	UK	+113
Bangladesh	+2,545	Italy	+75
Iran	+2,516	Iran	+63
+78,688		+2,209	
World	+107,759	World	+2,911
Top ten	73%	Top ten	76%



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

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The US scorecard

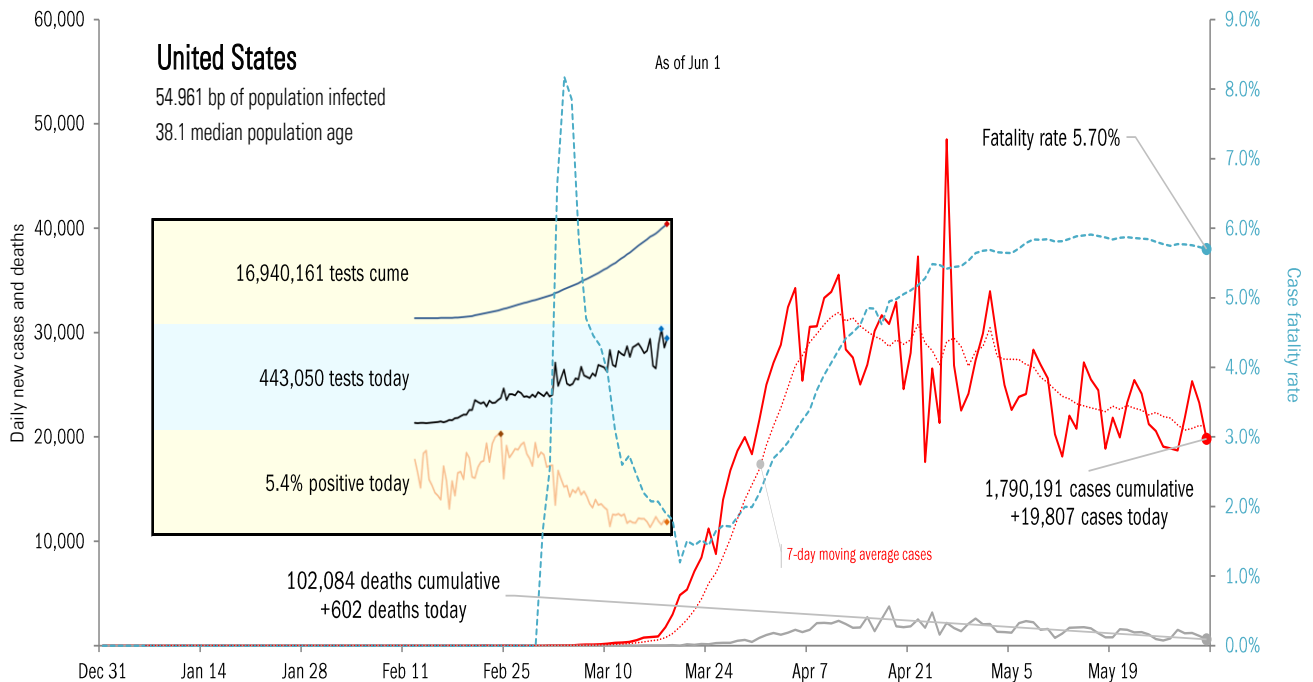
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
CA	+3,705	MA	+78	NY	+190	NY	370,770	NY	23,905	NY	89,590
TX	+3,281	NJ	+64	MD	+119	NJ	160,445	NJ	11,698	NJ	17,197
IL	+1,343	IL	+60	VA	+110	IL	120,260	MA	6,846	CT	12,538
NY	+1,110	CA	+57	FL	+78	CA	110,583	PA	5,555	FL	10,453
VA	+996	NY	+57	NJ	+76	MA	96,965	MI	5,491	MA	9,823
NC	+916	TX	+46	CH	+38	PA	72,546	IL	5,390	MD	8,738
NJ	+837	GA	+39	MN	+36	TX	64,287	CA	4,213	GA	7,946
MD	+763	CT	+32	MA	+34	MI	57,397	CT	3,944	VA	7,326
FL	+739	MI	+28	MS	+32	FL	56,163	LA	2,791	CH	6,049
GA	+700	MD	+23	CO	+26	MD	52,778	FL	2,534	IN	5,285
+14,390		+484		+739		1,162,194		72,367		174,945	
All states	+23,877	All states	+656	All states	+949	All states	1,783,570	All states	98,536	All states	210,083
Top ten	60%	Top ten	74%	Top ten	78%	Top ten	65%	Top ten	73%	Top ten	83%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
LA	-436	PA	-55	NJ	-85	IN	+21,704
WI	-350	NJ	-39	KY	-80	TX	+2,355
IN	-290	MO	-32	FL	-54	PA	+1,057
NC	-269	CA	-31	AZ	-51	MN	+831
NY	-266	FL	-31	GA	-44	NY	+325



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

Recommended reading

[Unsold Truffles Tell Tale of Broken \\$3.4 Trillion Food Chain](#)

Greg Ritchie, Agnieszka de Sousa, and Isis Almeida
Bloomberg
June 1, 2020

[Vulnerable people in England can go outside for first time in weeks](#)

George Russell, Sarah Provan
Financial Times
May 31, 2020

[Lockdown lunacy: the thinking person's guide](#)

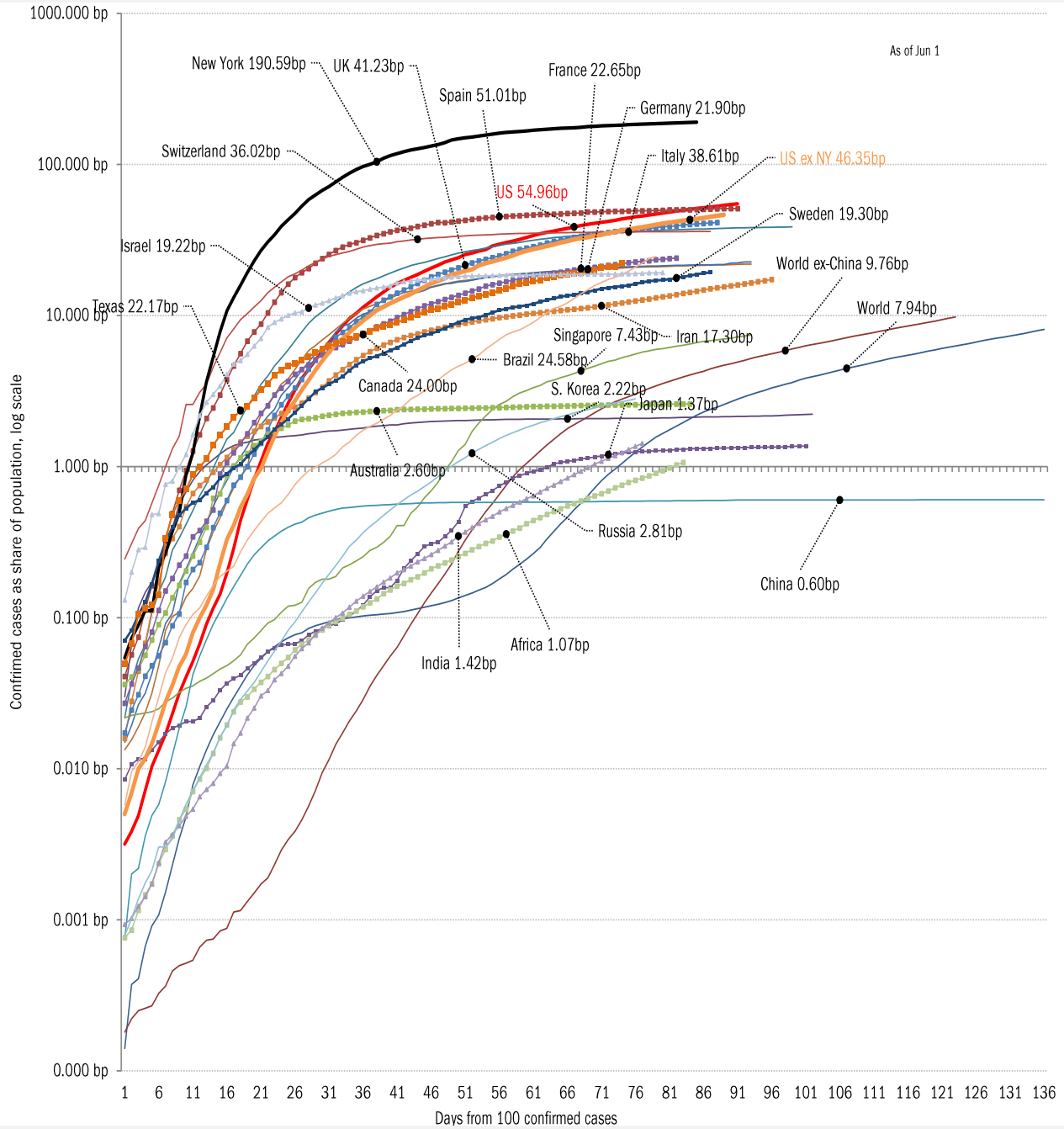
J. B. Handley
J. B. Handley Blog
May 30, 2020

Meme of the day



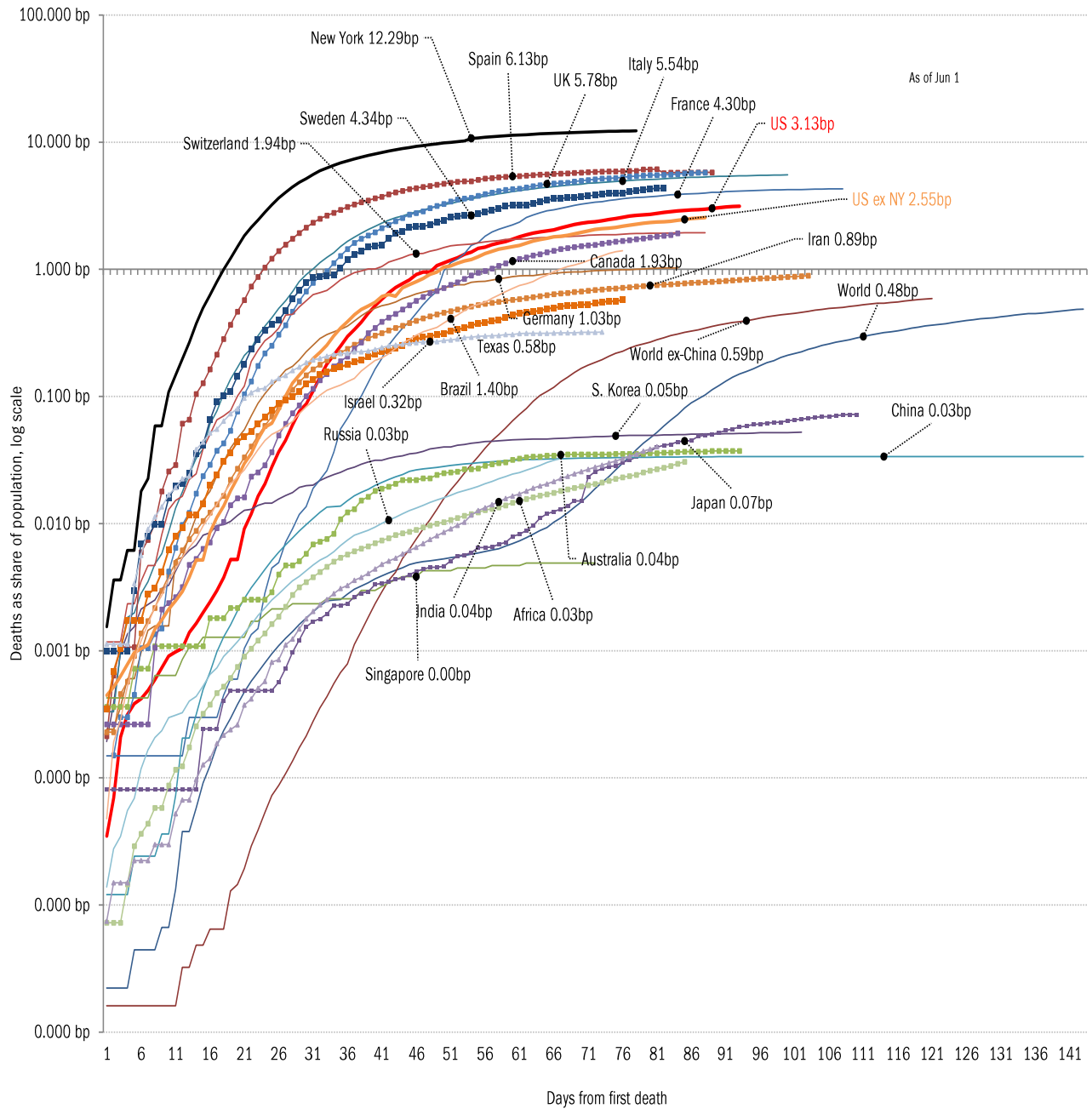
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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

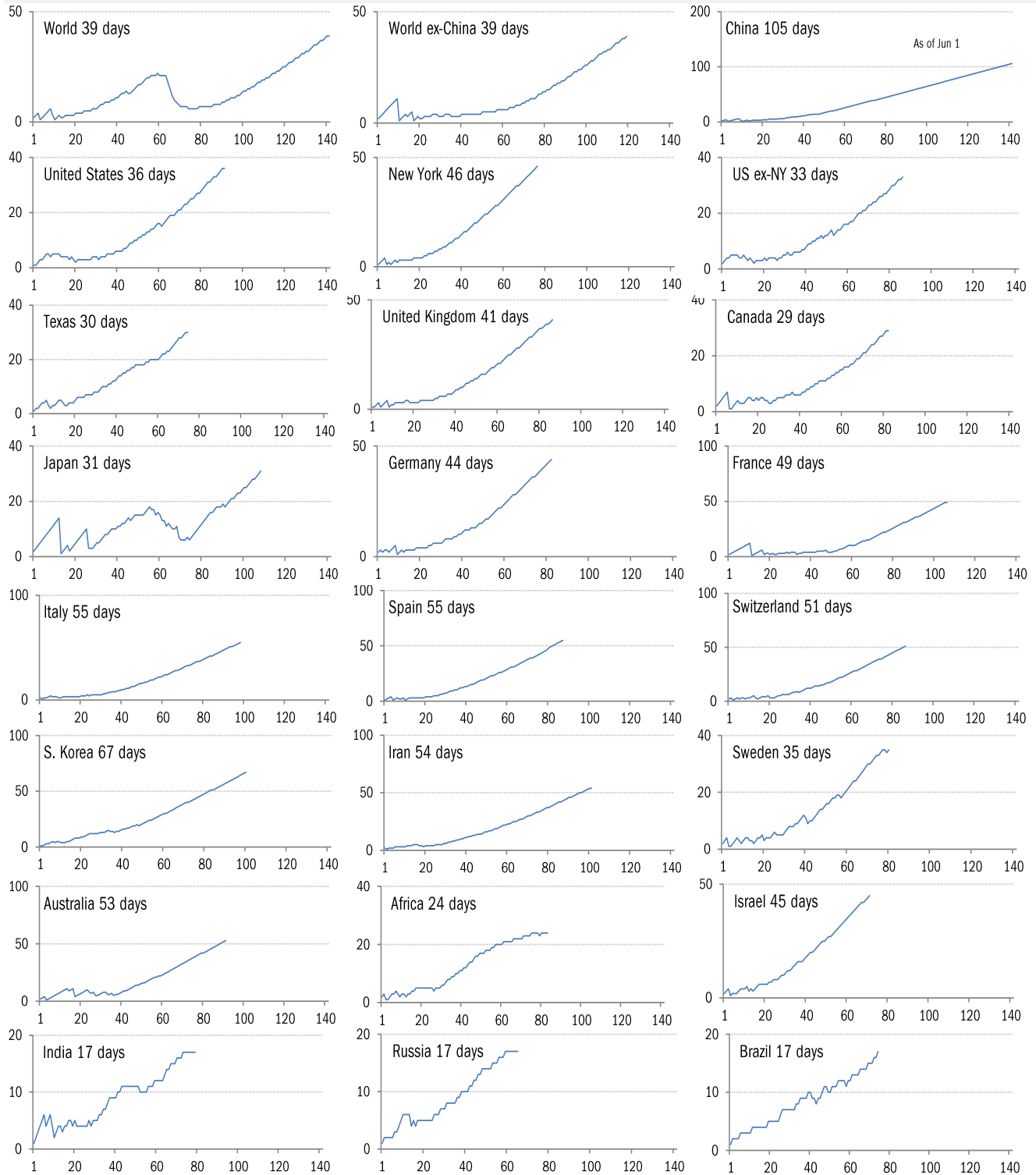
The coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

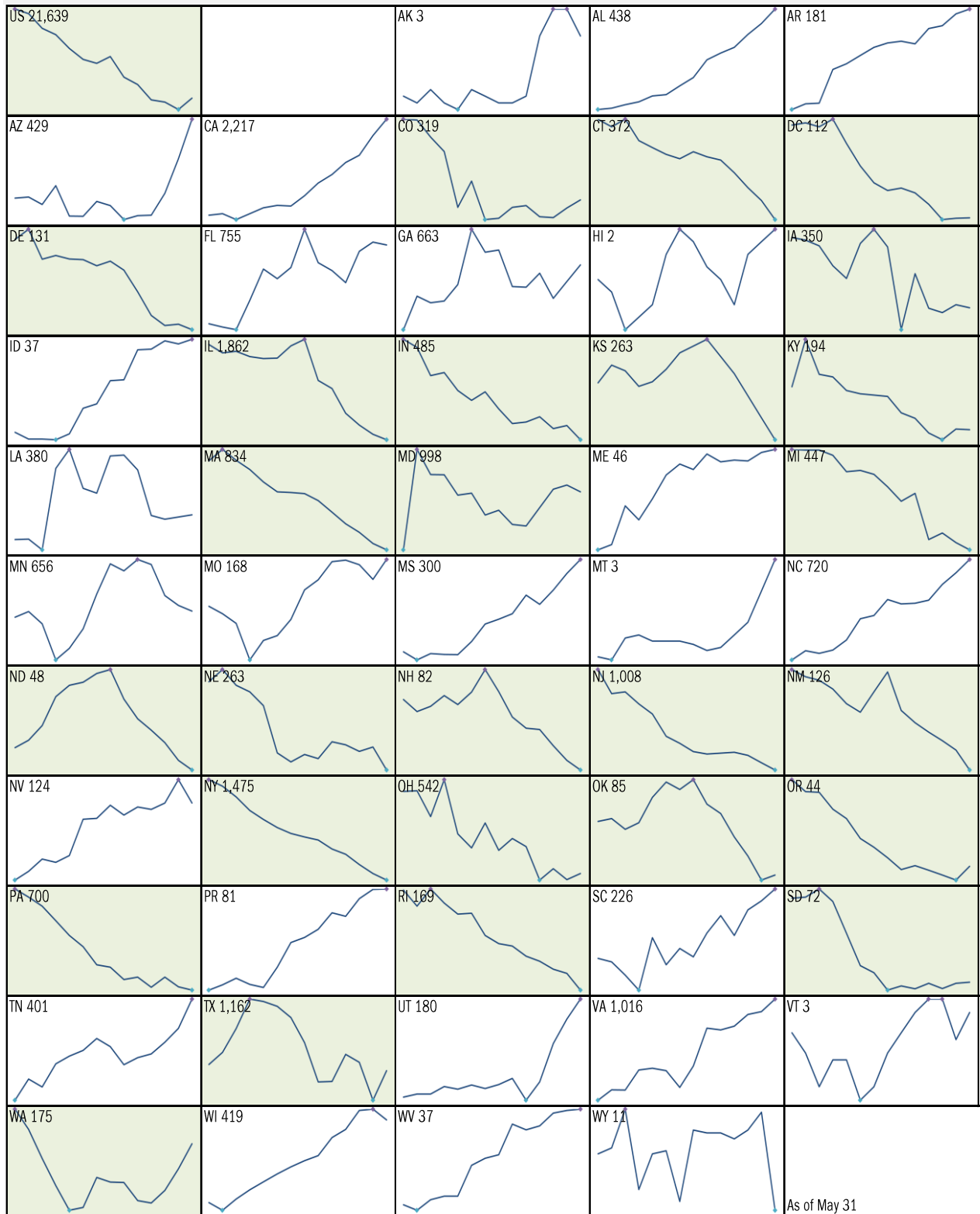
Our most reliable evidence of slowing exponential growth of Covid-2019

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



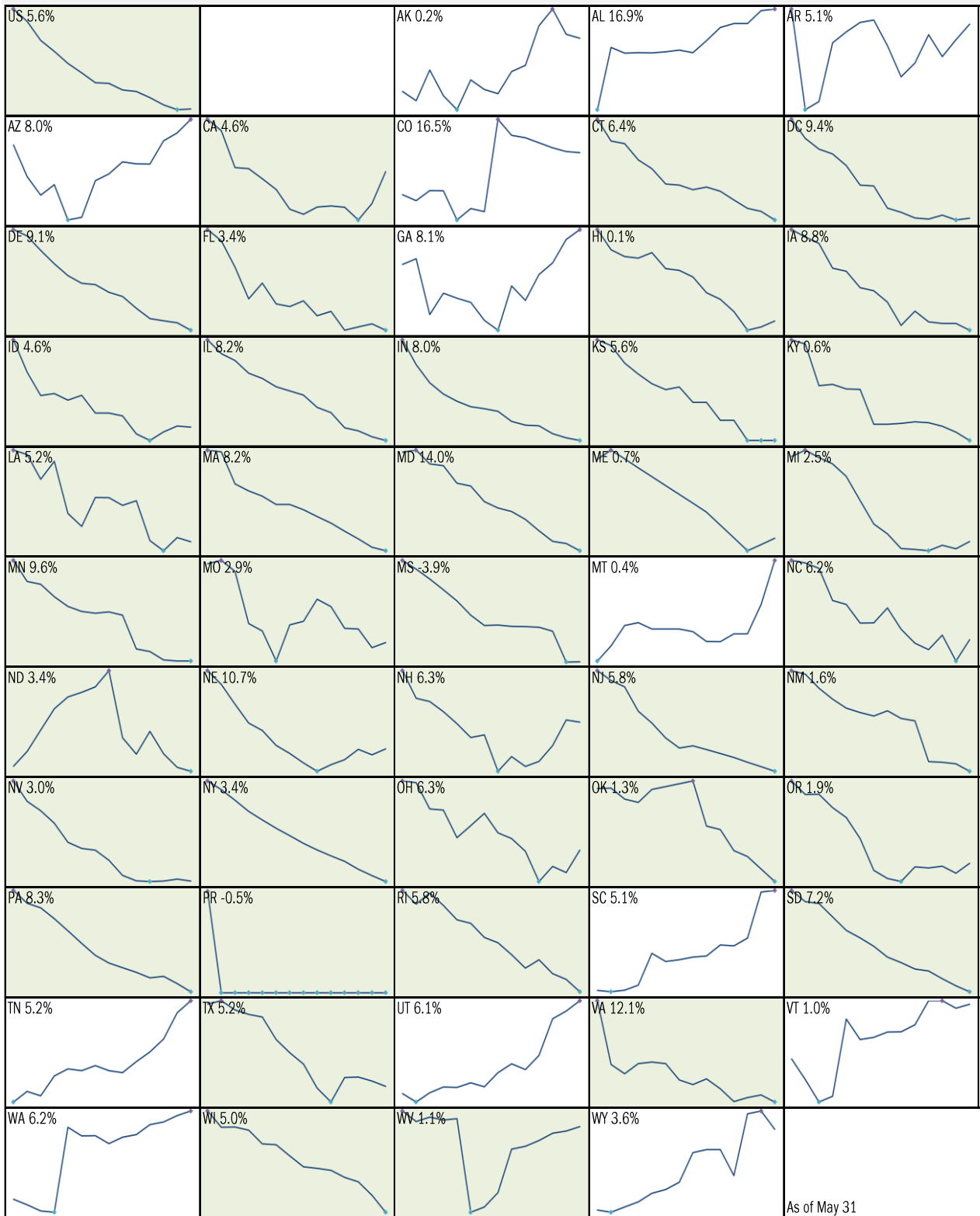
Source: [ECDC](#), TrendMacro calculations

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



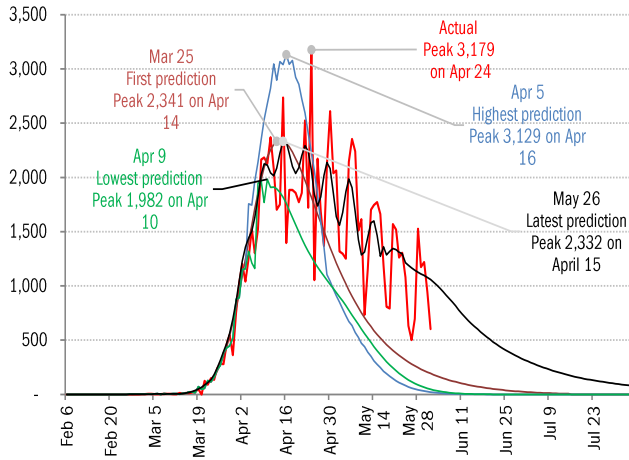
Source: [Covid Tracking Project](#), TrendMacro calculations

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

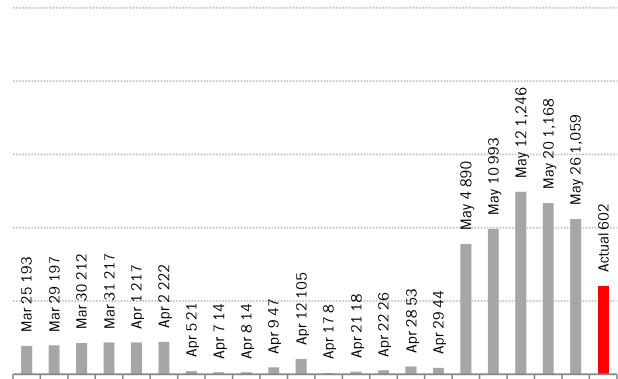
New daily fatalities

As of Jun 1

Actual versus first, highest and latest model mean predictions

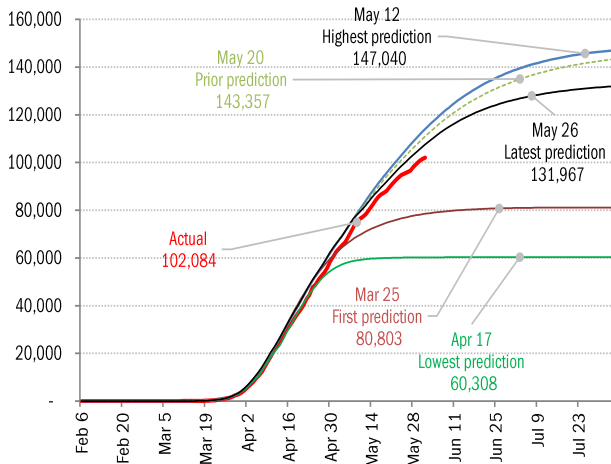


For this day, versus all model mean predictions

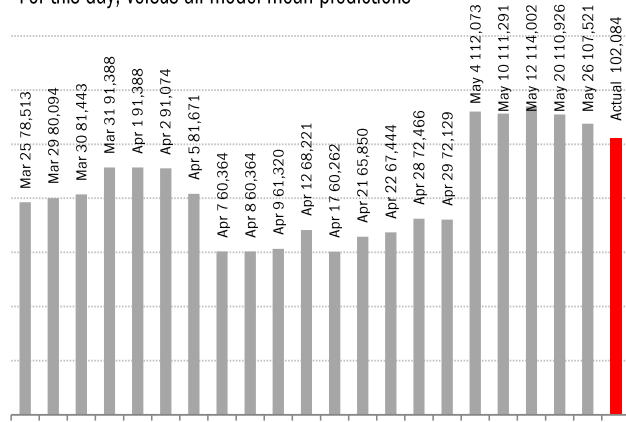


Cumulative fatalities

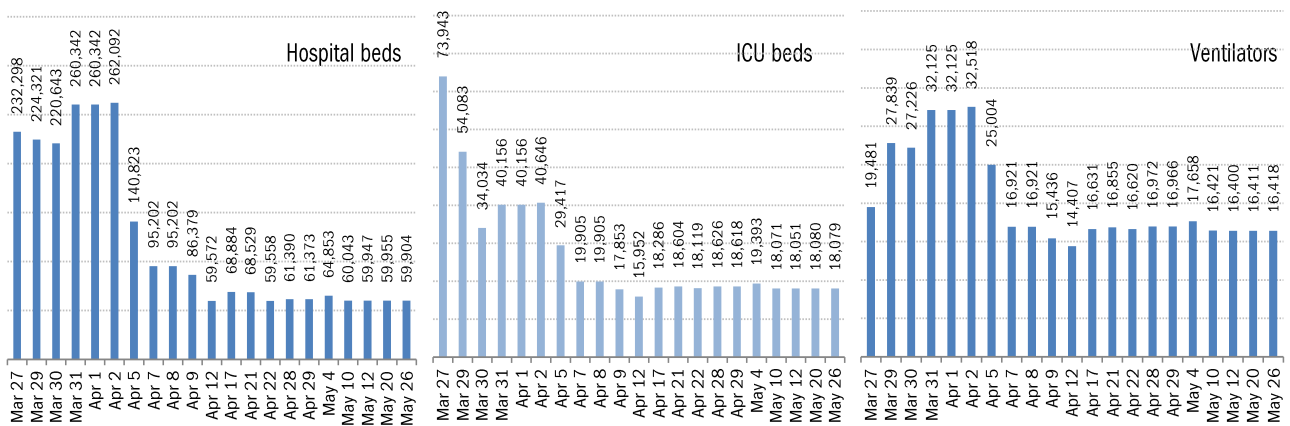
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

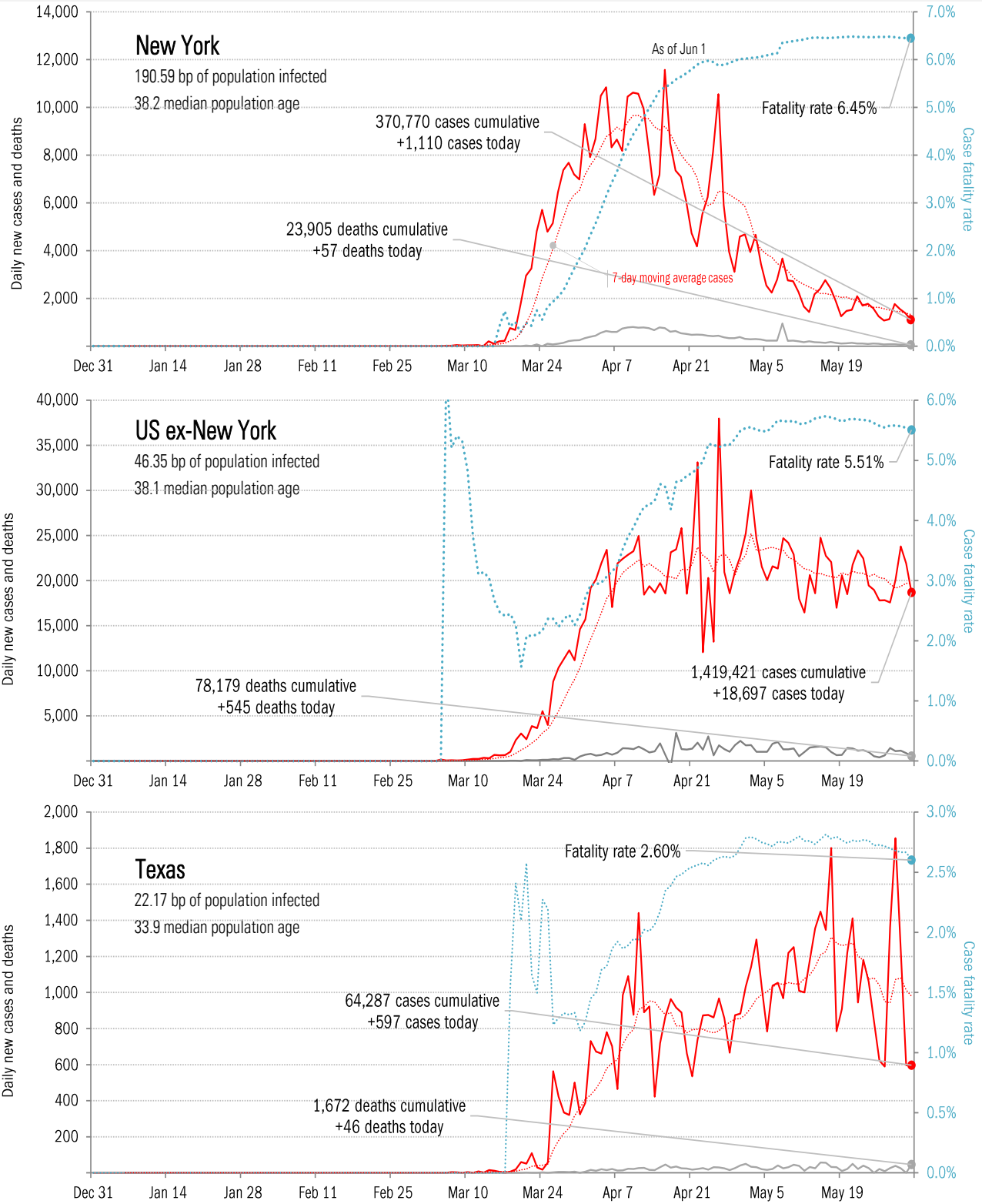


Healthcare system stress, peak estimated at each model revision



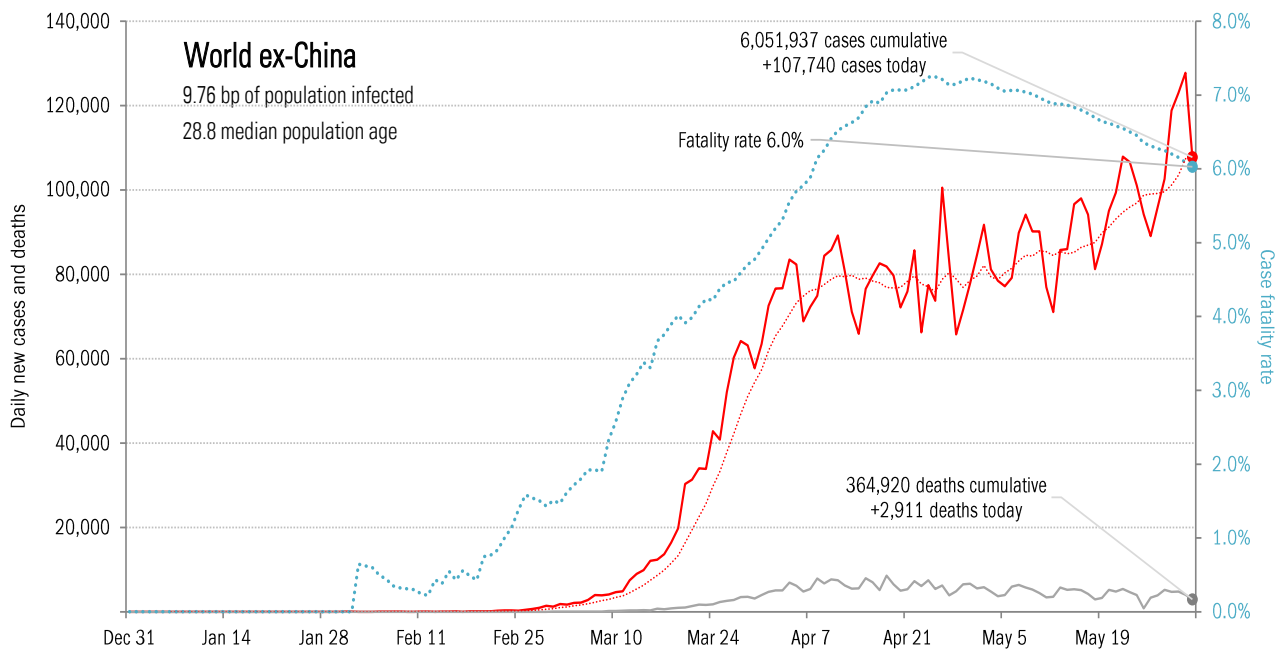
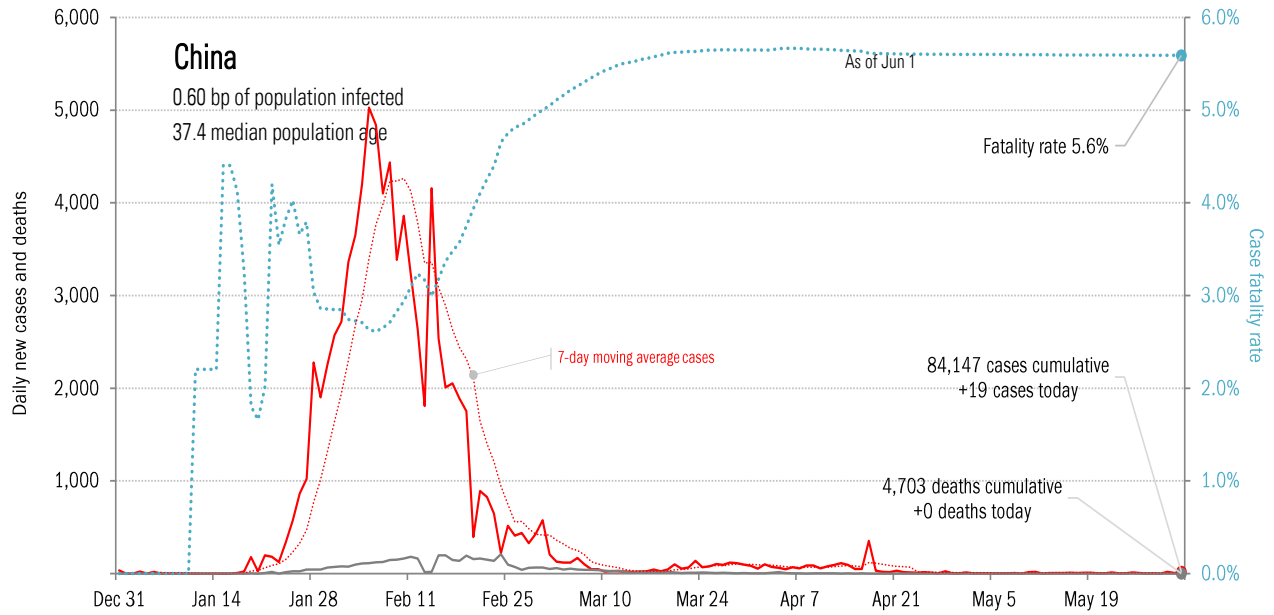
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



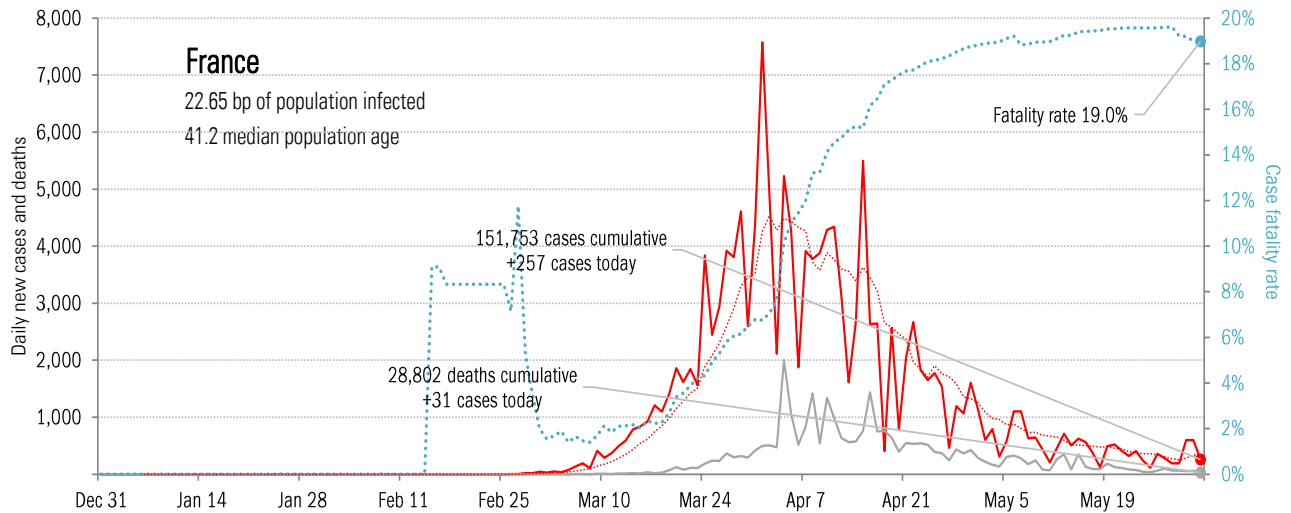
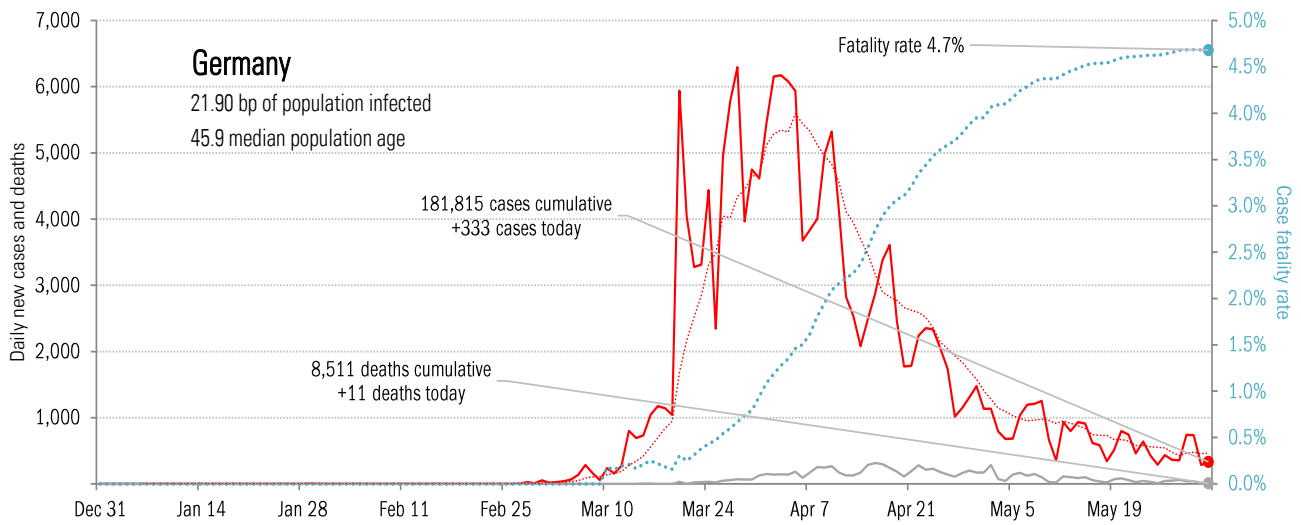
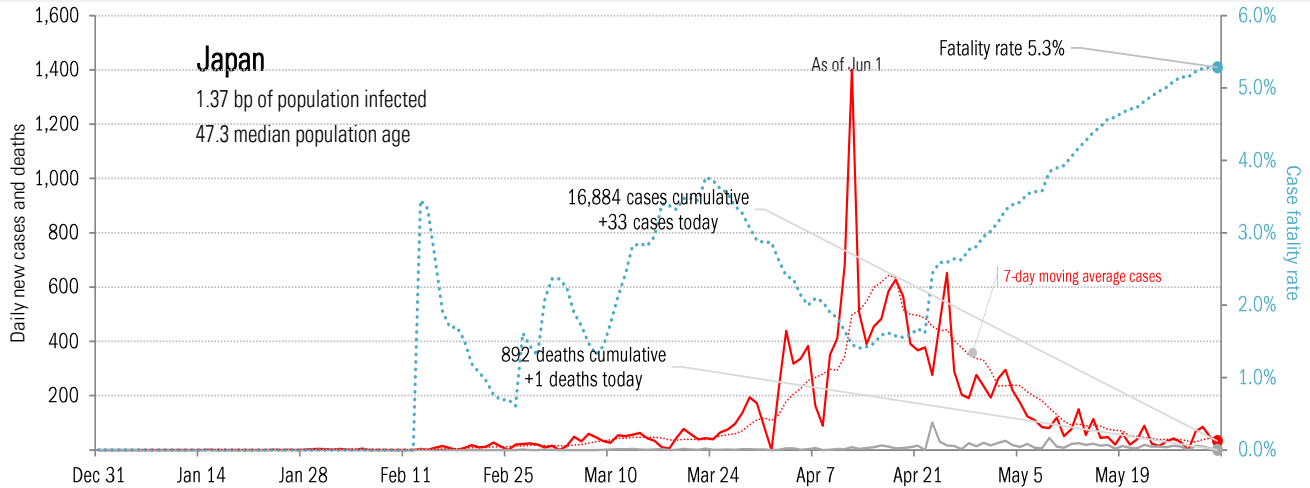
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



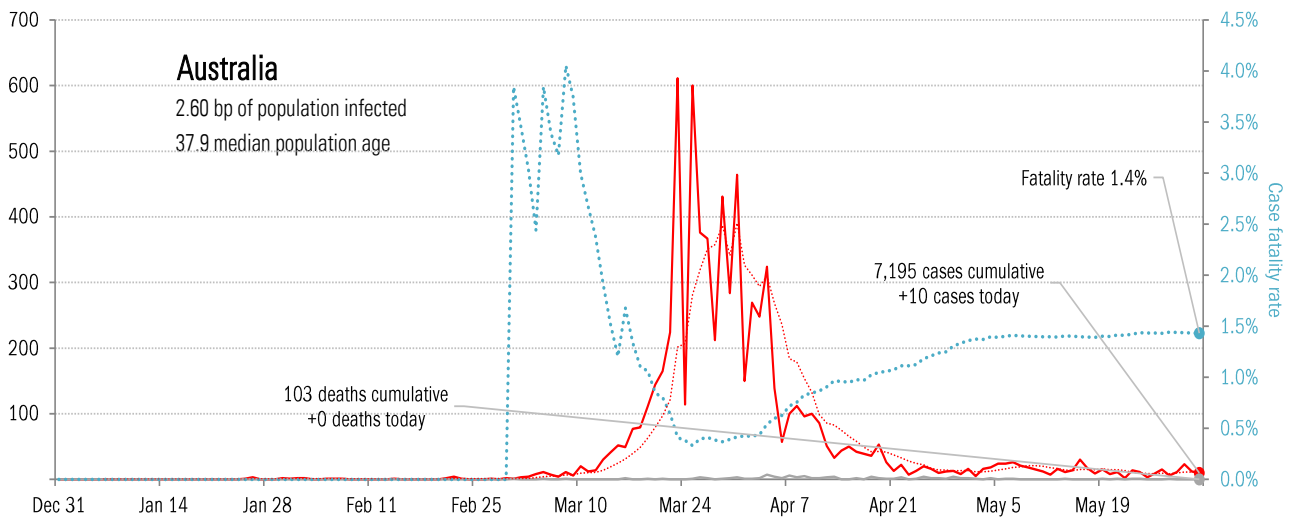
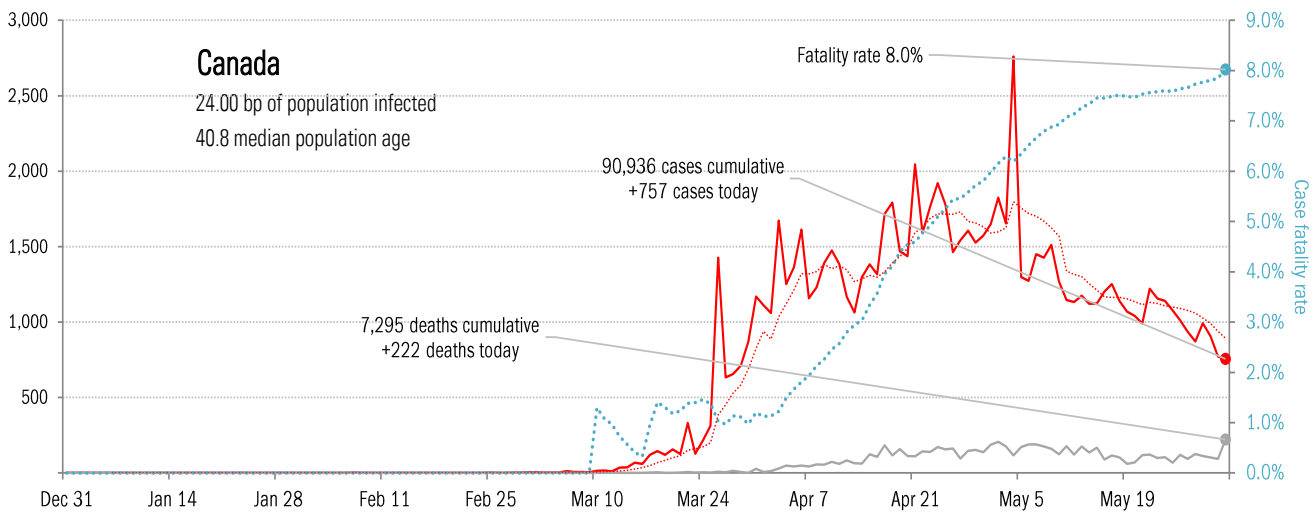
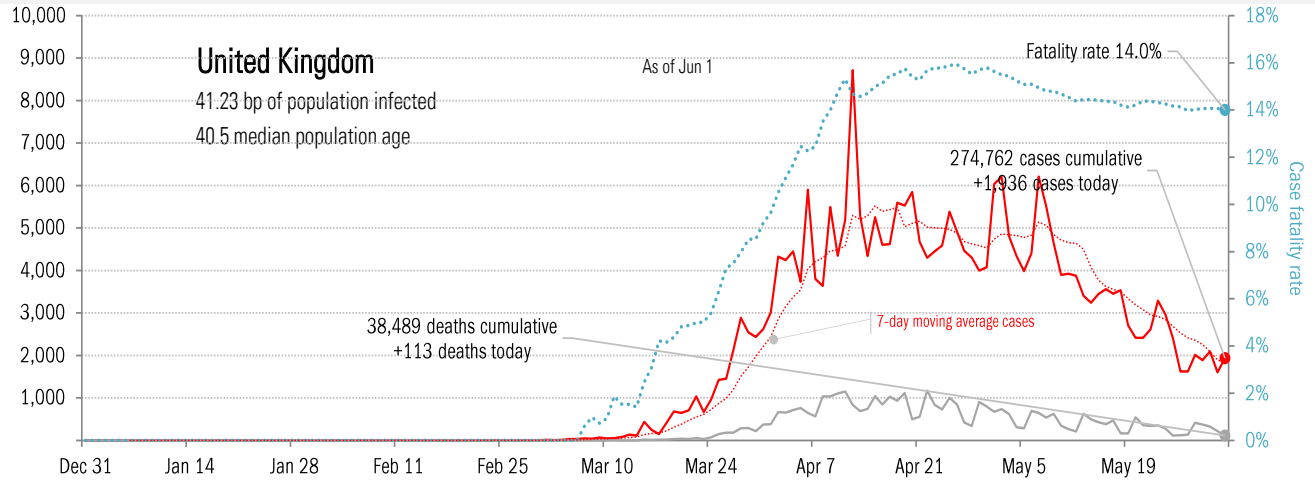
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



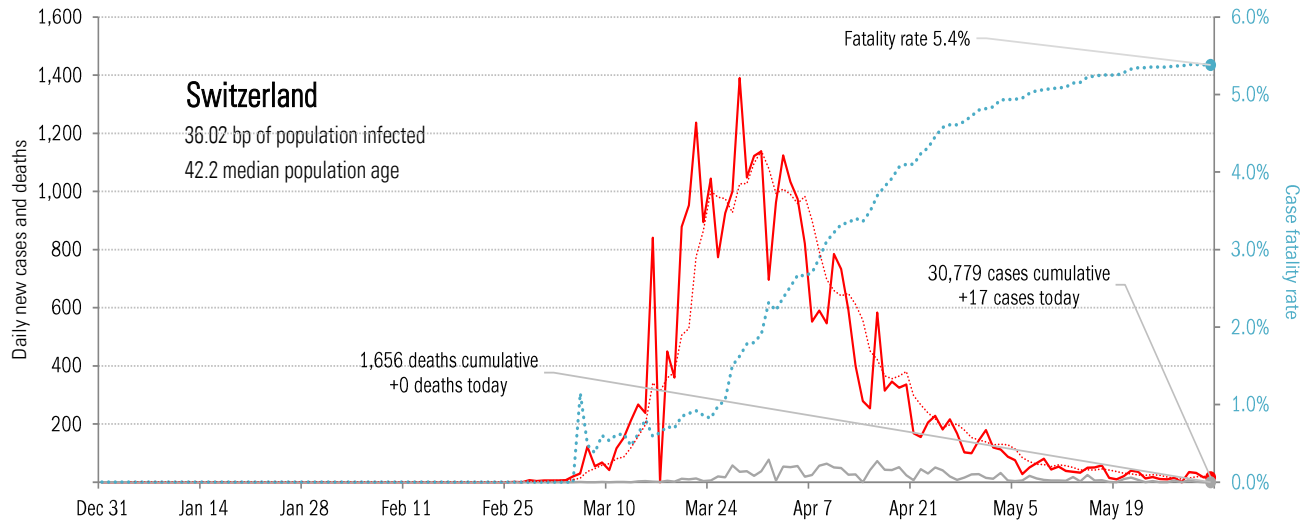
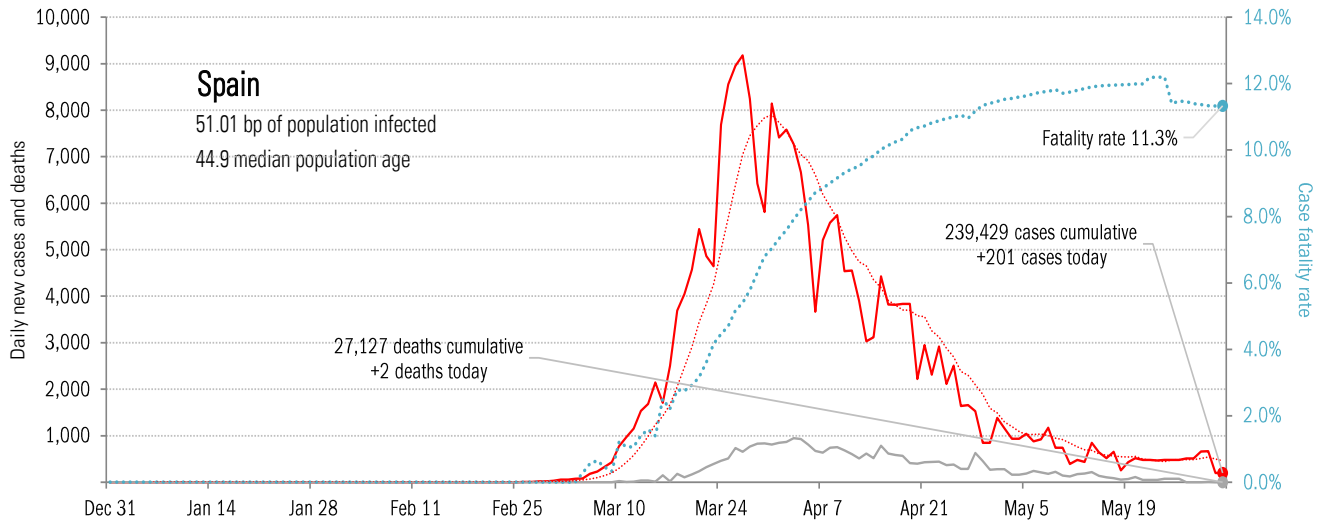
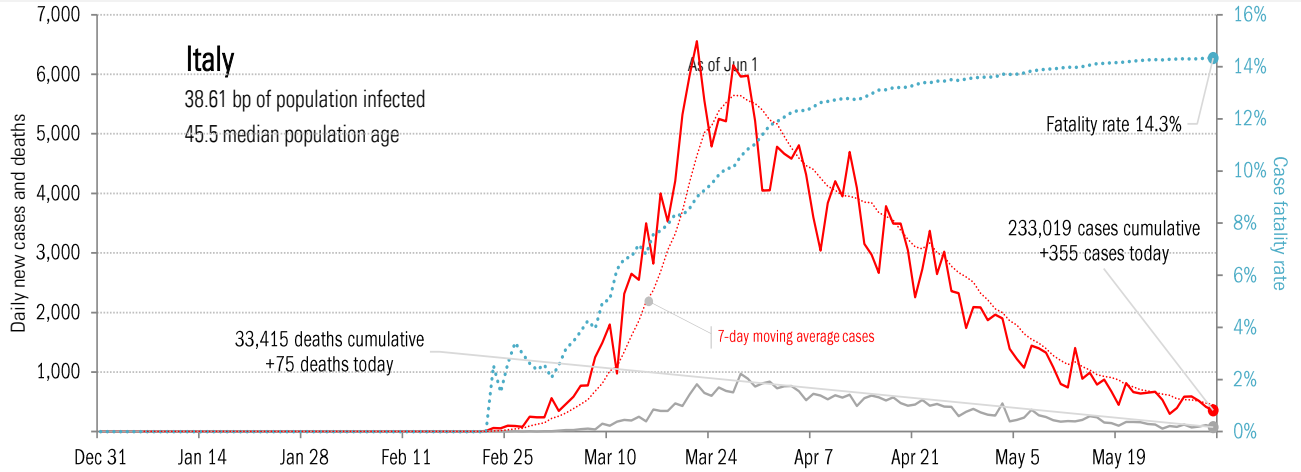
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



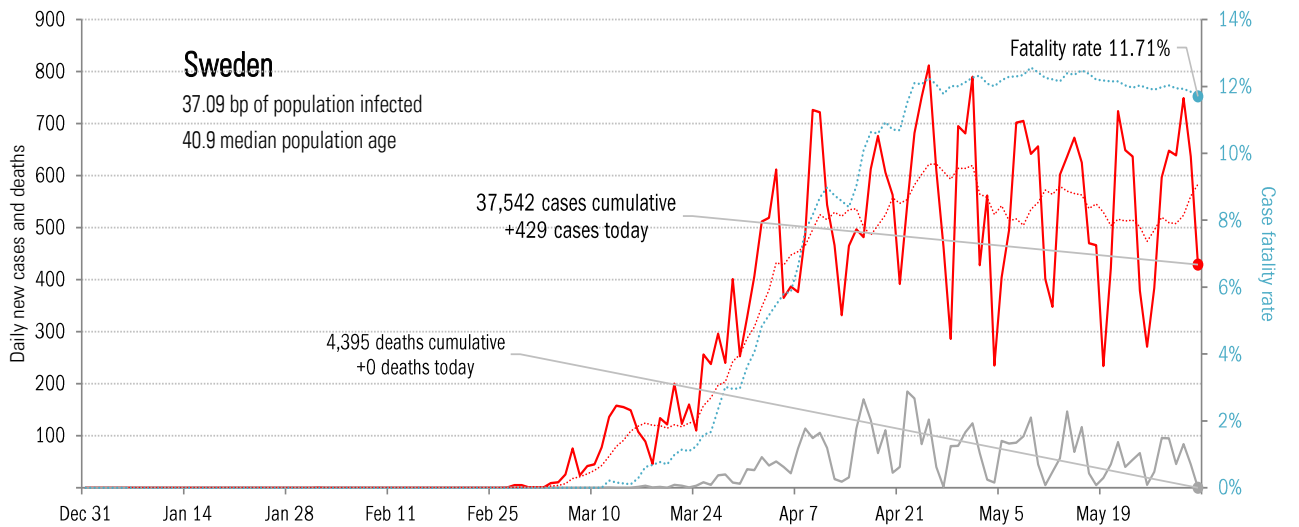
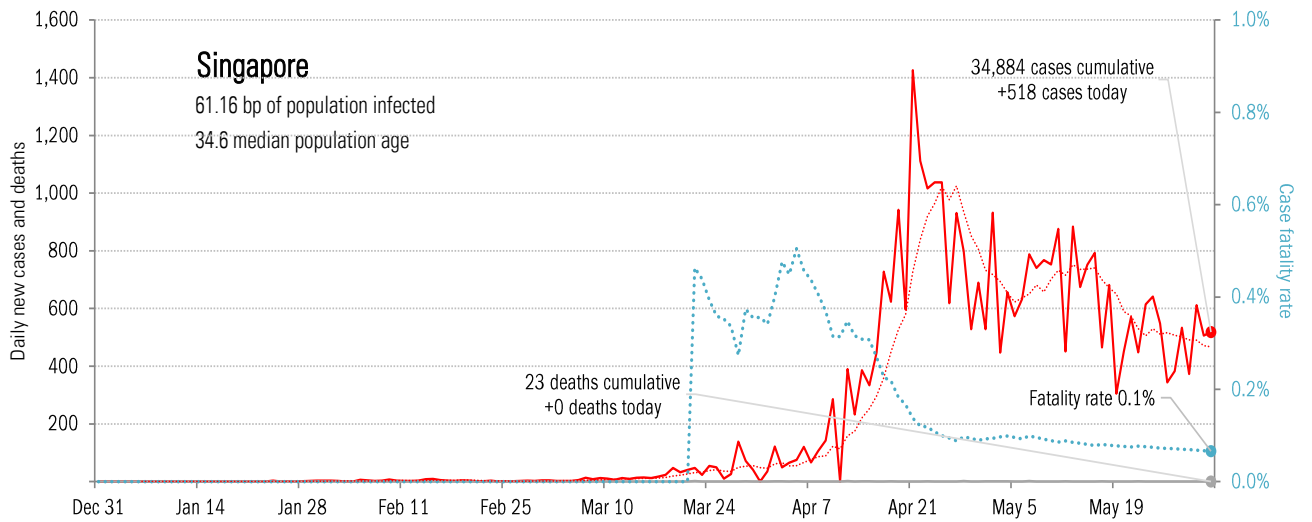
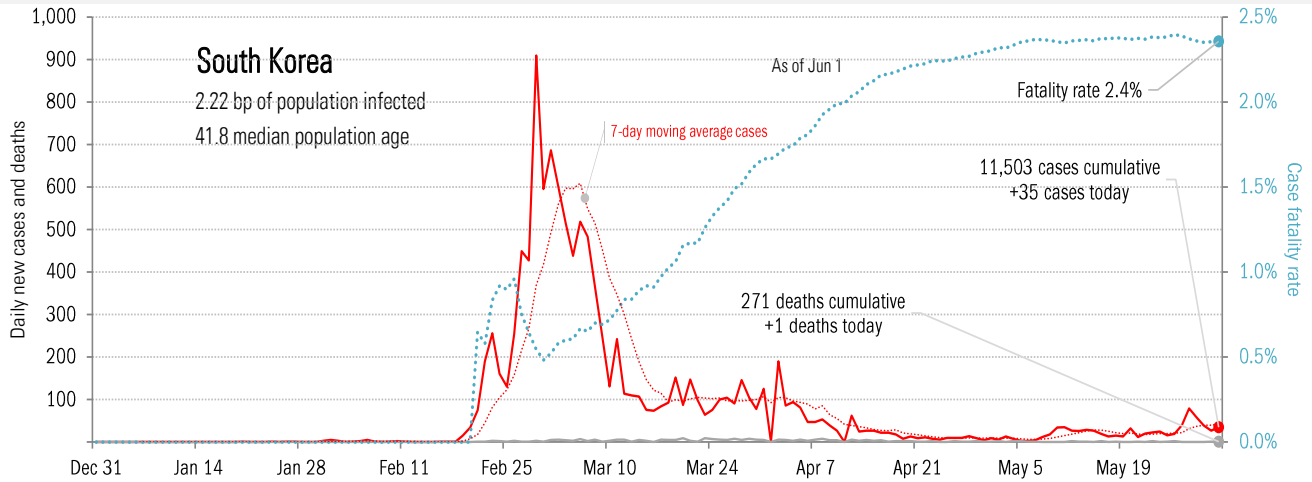
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



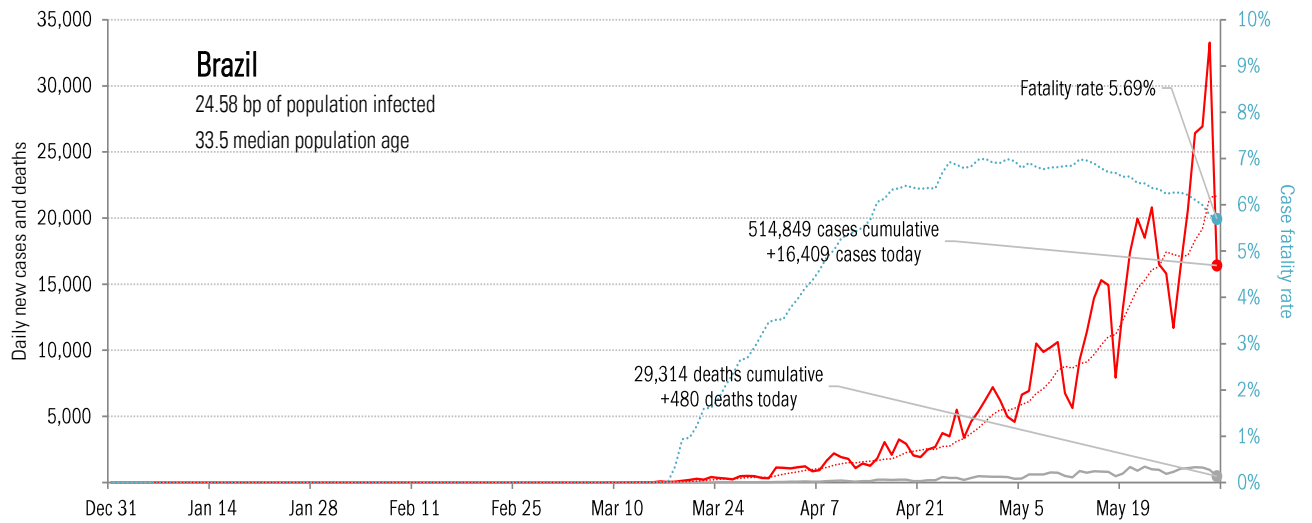
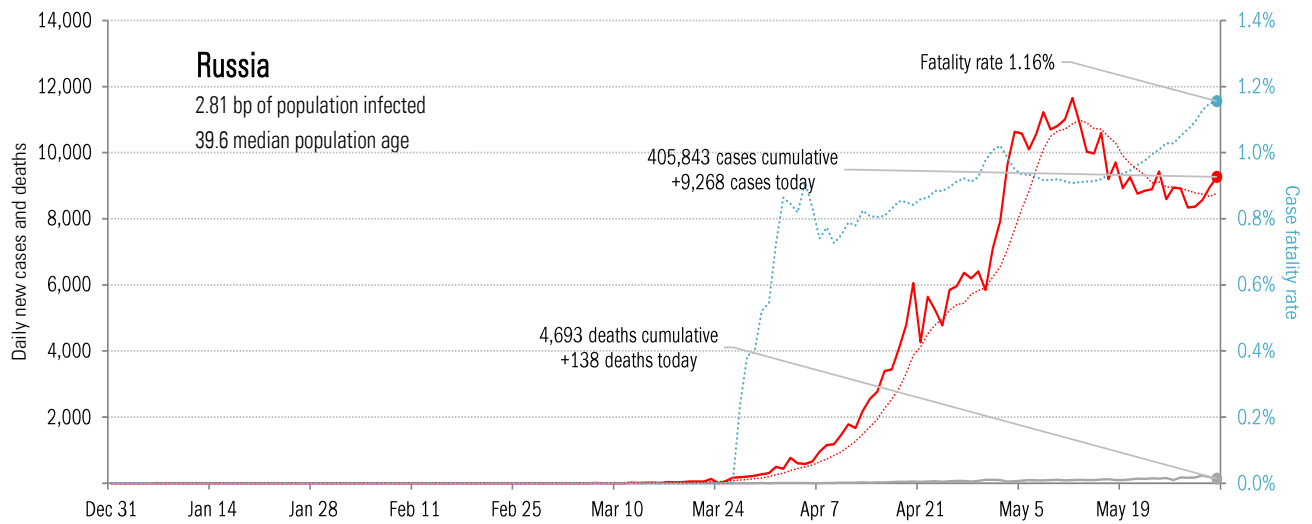
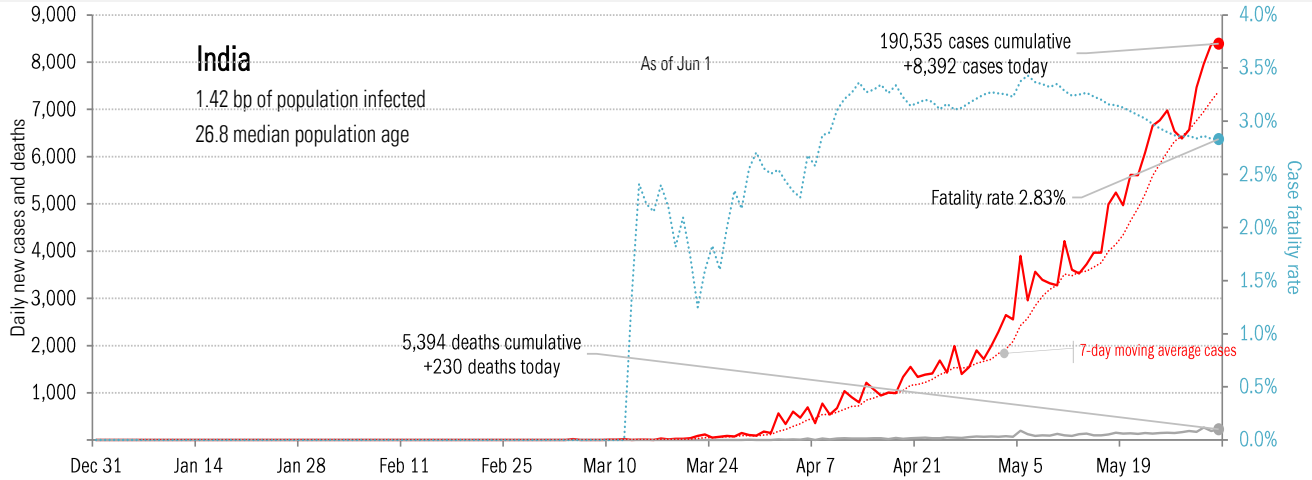
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



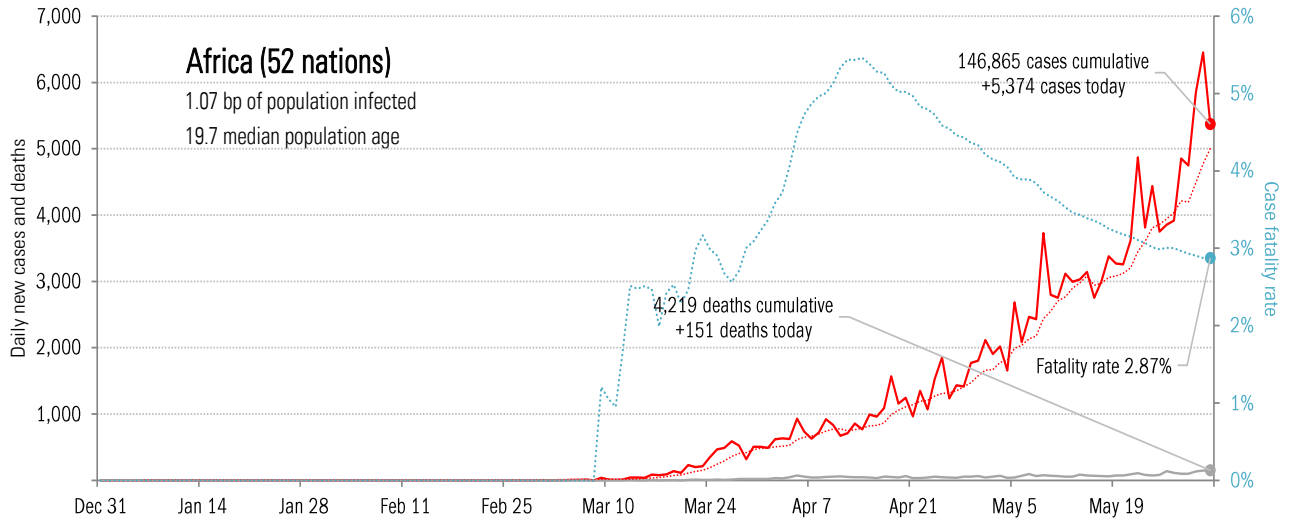
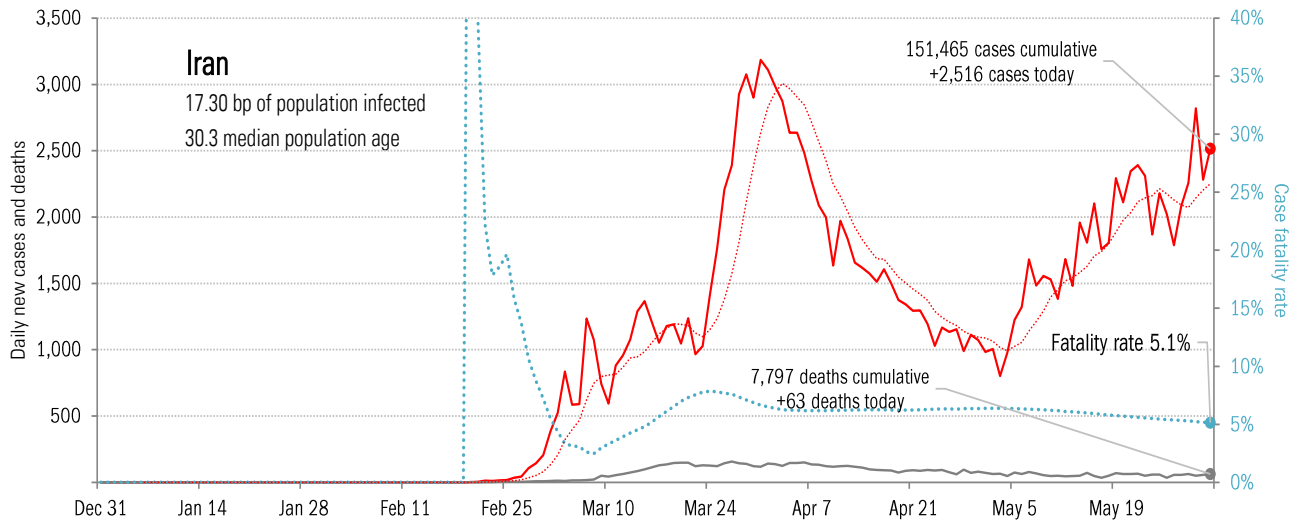
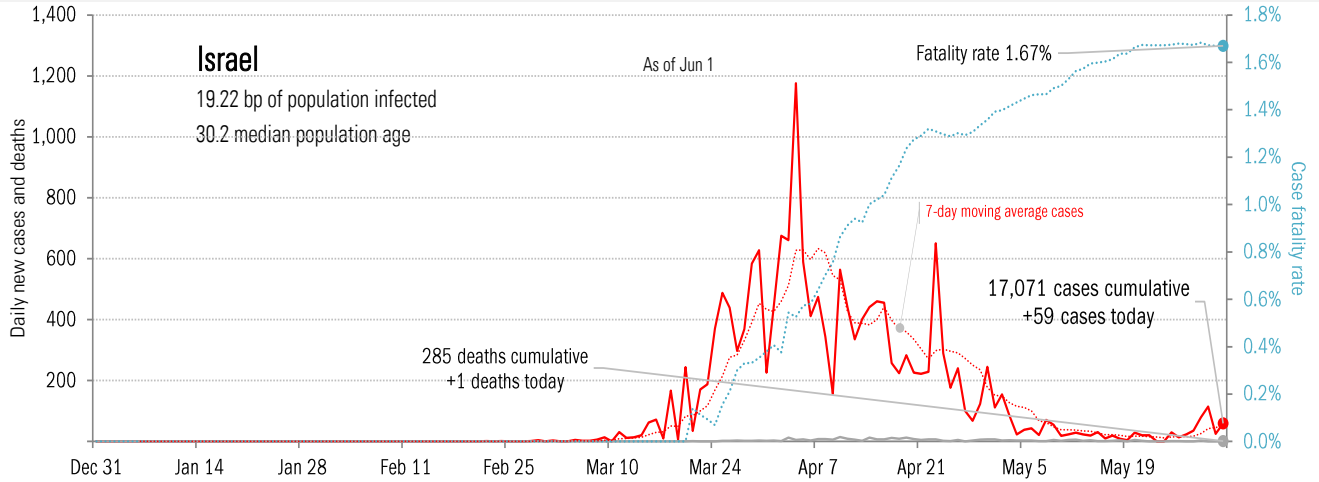
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations