

Data Insights: Covid-2019 Monitor

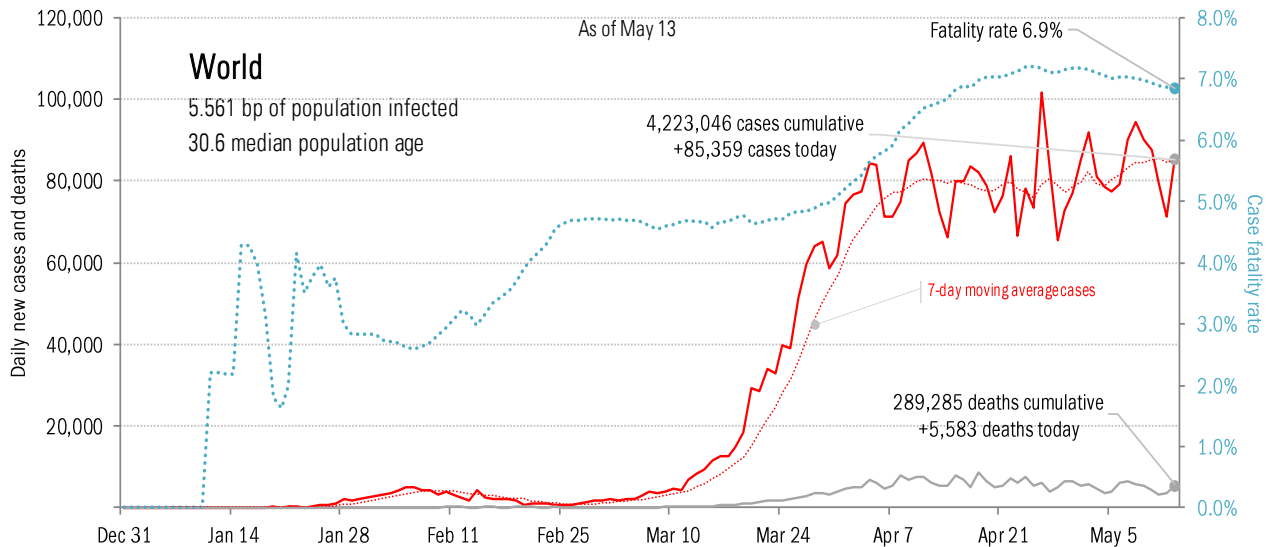
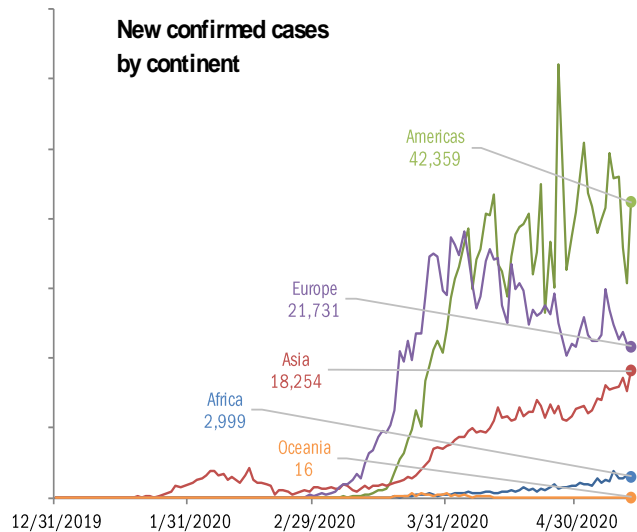
Wednesday, May 13, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+22,048	US	+1,703
Russia	+10,899	Brazil	+881
Brazil	+9,258	UK	+627
India	+3,525	Mexico	+353
UK	+3,403	France	+348
Peru	+3,237	Ecuador	+182
Pakistan	+2,255	Canada	+176
Mexico	+1,997	Italy	+172
Saudi	+1,911	India	+122
Turkey	+1,704	Russia	+107
+60,237		+4,671	
World	+85,359	World	+5,583
Top ten	71%	Top ten	84%

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

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The US scorecard

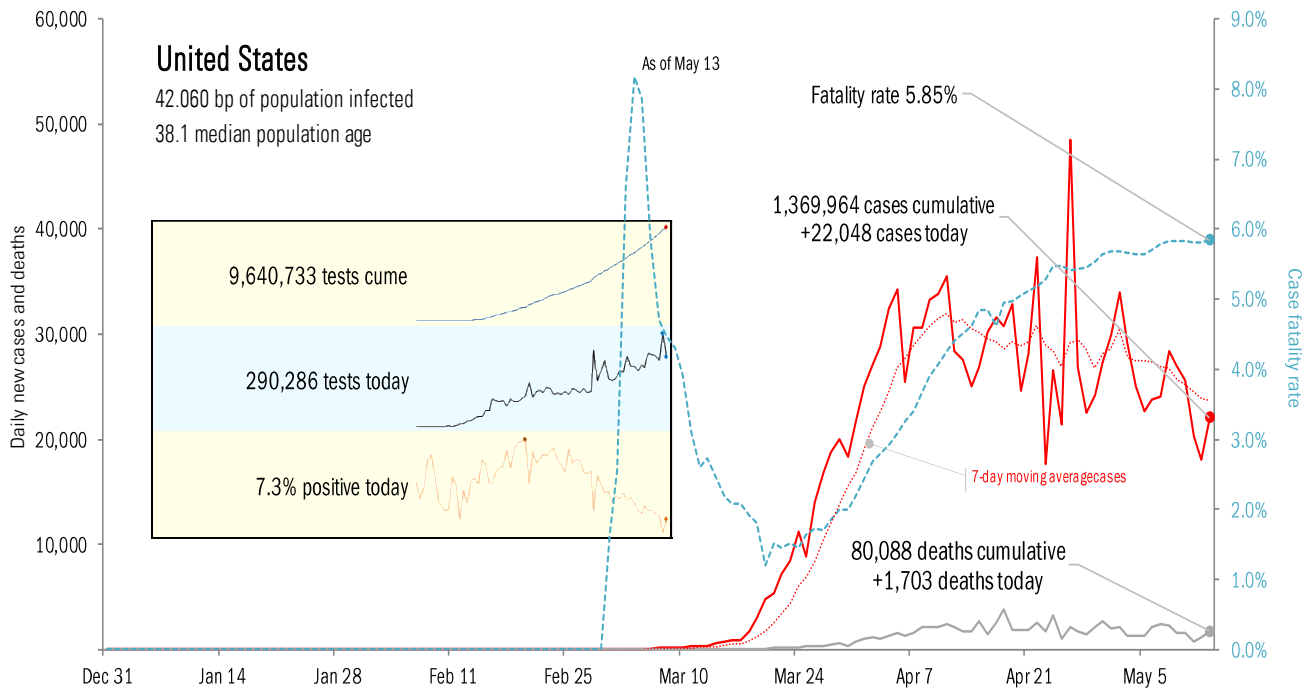
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
IL	+4,014	NY	+205	FL	+196	NY	338,485	NY	21,845	NY	73,143
CA	+1,443	NJ	+198	VA	+152	NJ	140,743	NJ	9,508	CT	9,389
NY	+1,430	IL	+142	OH	+126	IL	83,021	MA	5,141	MA	7,842
TX	+1,000	MI	+90	GA	+115	MA	79,332	MI	4,674	FL	7,654
FL	+941	CH	+79	MA	+110	CA	69,382	PA	3,806	MD	6,287
MA	+870	CA	+77	MD	+104	PA	57,991	IL	3,601	GA	6,130
PA	+837	PA	+75	NM	+97	MI	48,021	CT	3,041	VA	4,929
NJ	+798	MD	+73	SC	+86	FL	41,923	CA	2,847	OH	4,539
VA	+730	FL	+44	MN	+83	TX	40,869	LA	2,347	CO	3,663
GA	+708	VA	+41	MS	+36	GA	34,635	FL	1,849	WI	1,877
+12,771		+1,024		+1,105		934,402		58,659		125,453	
All states	+21,293	All states	+1,510	All states	-+3,120	All states	1,361,705	All states	76,617	All states	142,861
Top ten	60%	Top ten	68%	Top ten	-35%	Top ten	69%	Top ten	77%	Top ten	88%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
NJ	-615	MA	-96	IN	-4,389	SC	+2,697
CO	-544	GA	-16	NY	-428	IA	+369
VA	-259	TX	-12	MD	-124	NY	+316
NY	-230	CO	-8	CO	-92	TN	+298
CH	-223	CT	-8	MA	-5	WI	+195



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

Recommended reading

[Elon Musk Is Our New ACLU](#)

Holman Jenkins
Wall Street Journal
May 12, 2020

[Manhattan Faces a Reckoning if Working From Home Becomes the Norm](#)

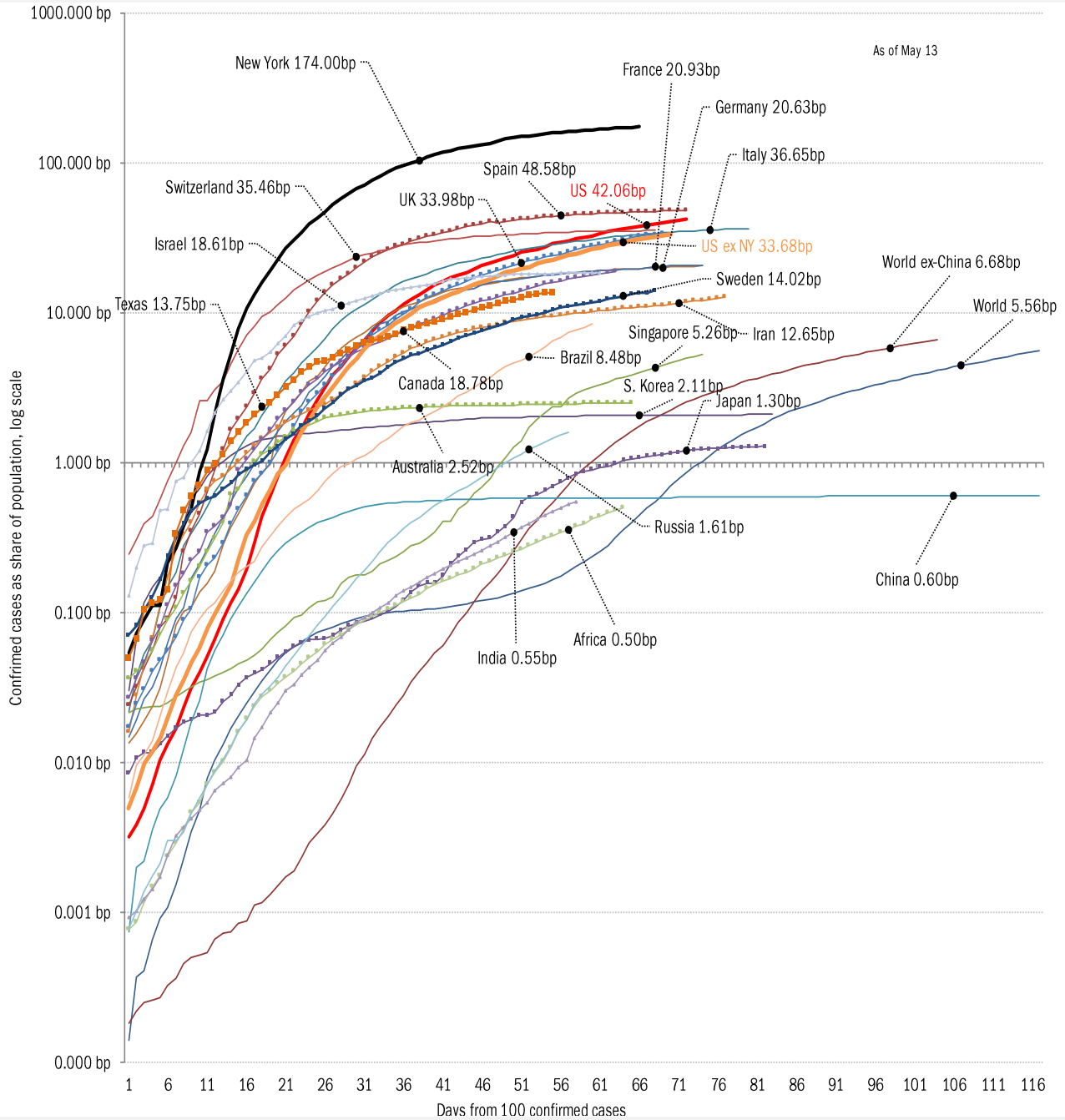
Matthew Haag
New York Times
May 12, 2020

Meme of the day



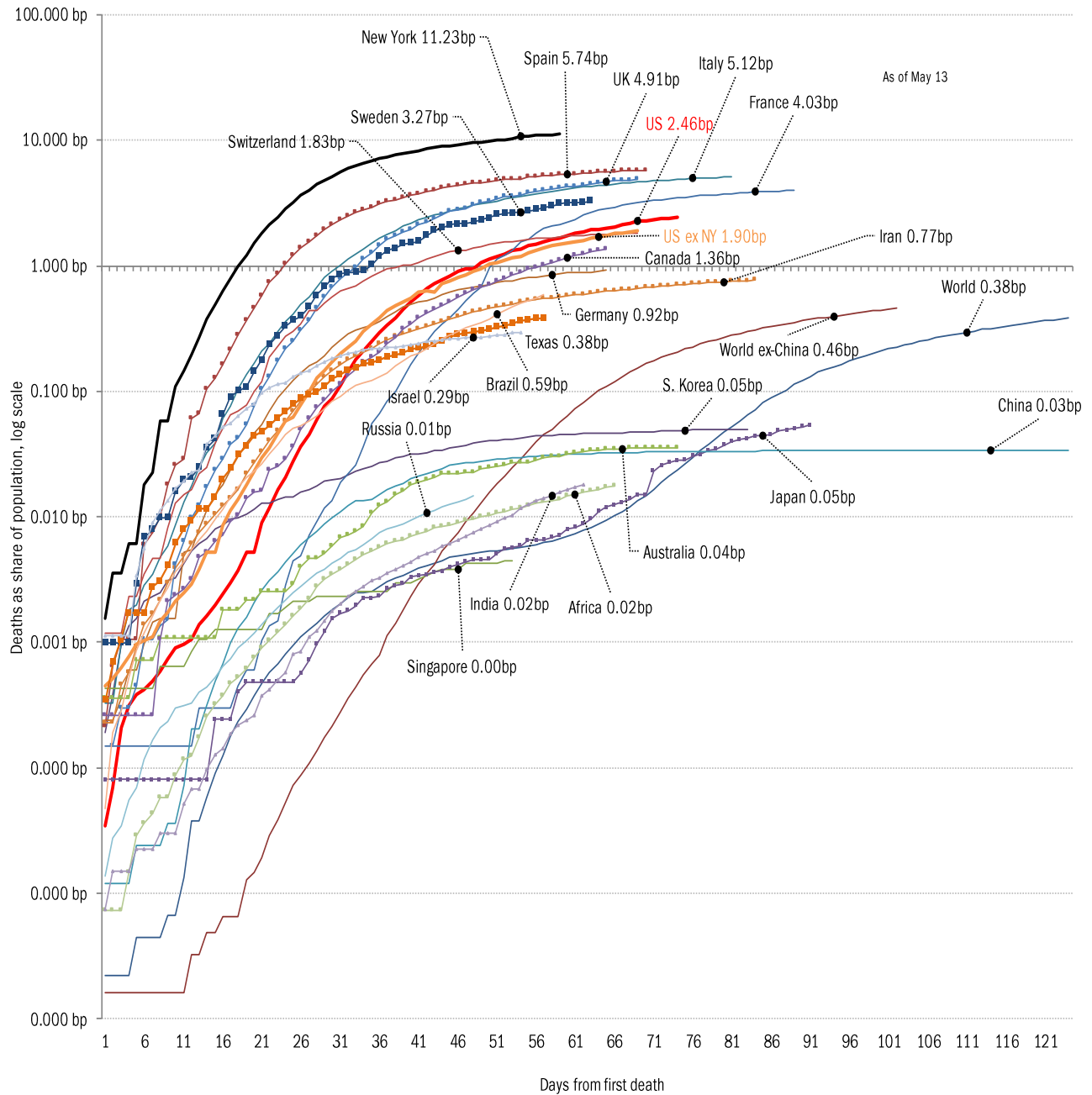
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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

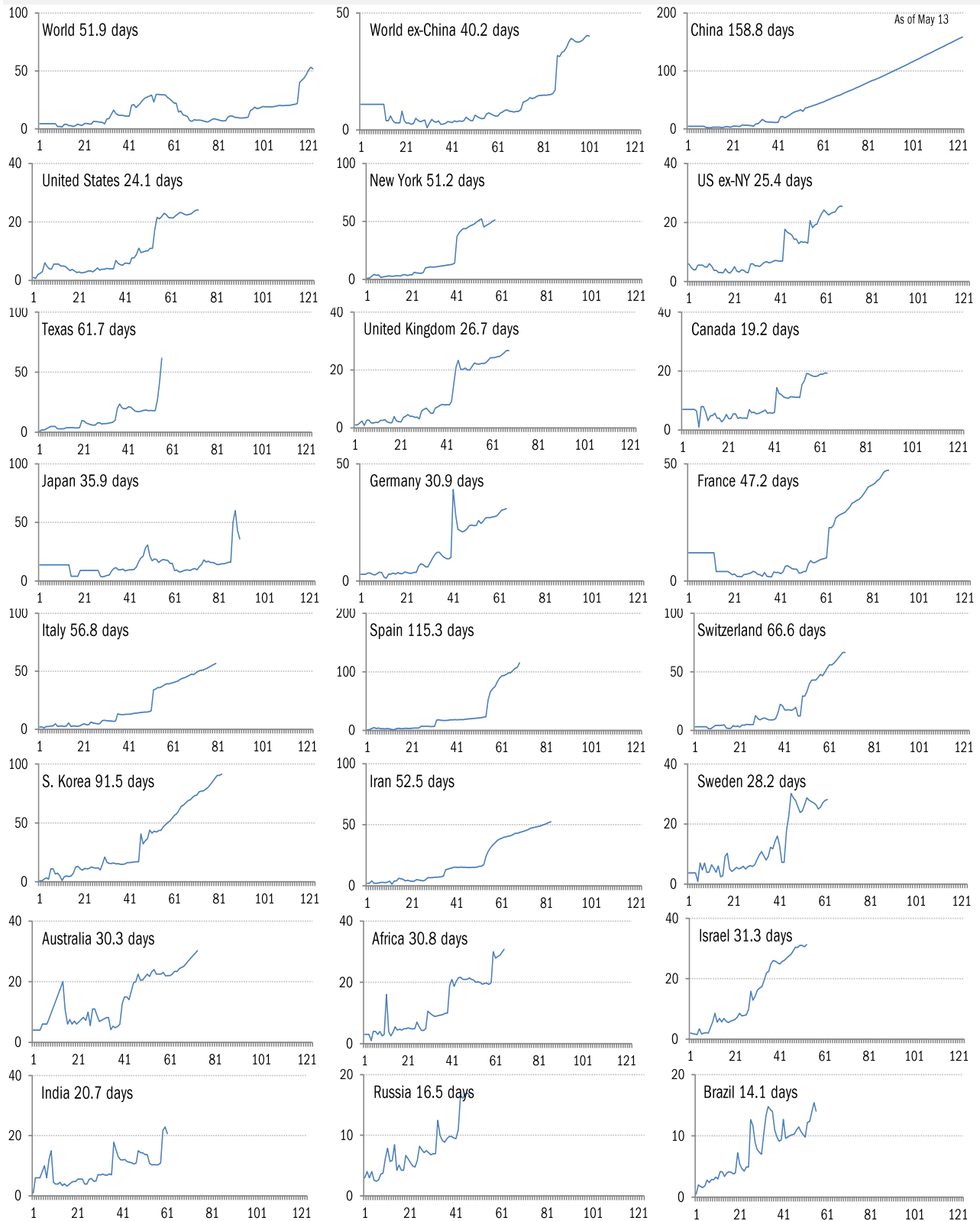
The coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

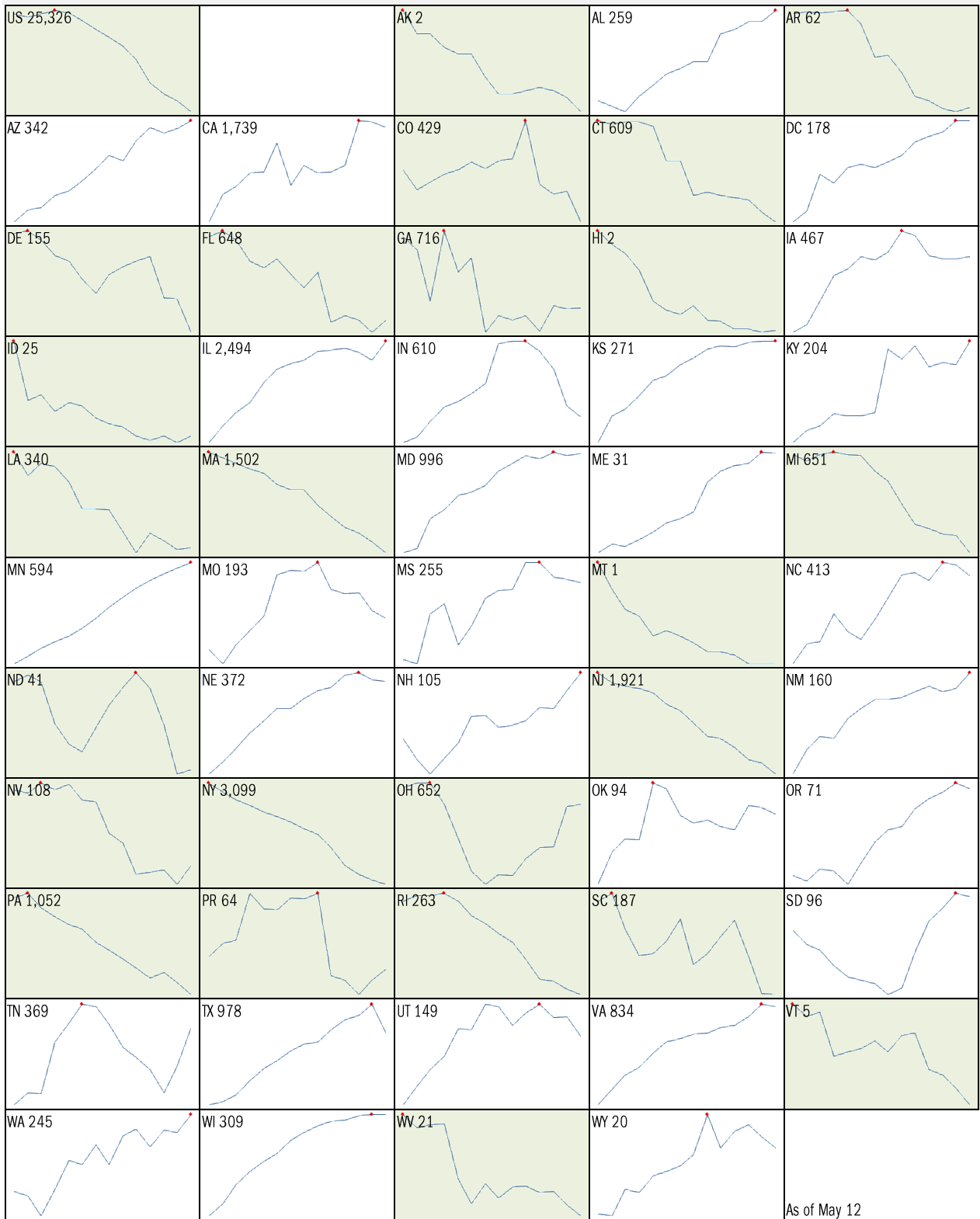
Our most reliable evidence of slowing the Moore's law of Covid-19

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



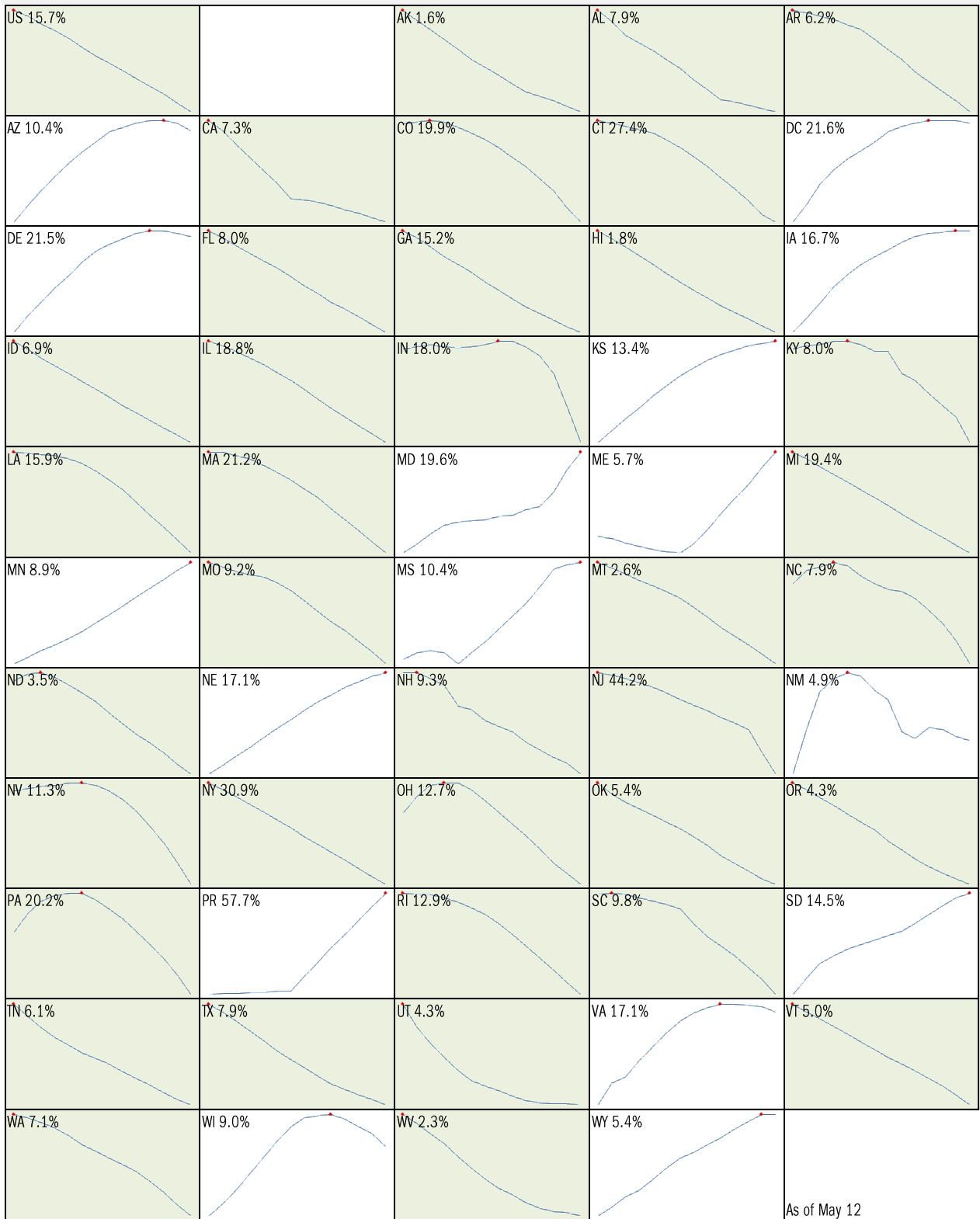
Source: [ECDC](#), TrendMacro calculations

Requirement to [Open Up America Again](#): ■ 14-day “downward trajectory” in new cases
 14-day moving average, last 14 days Most recent value displayed



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



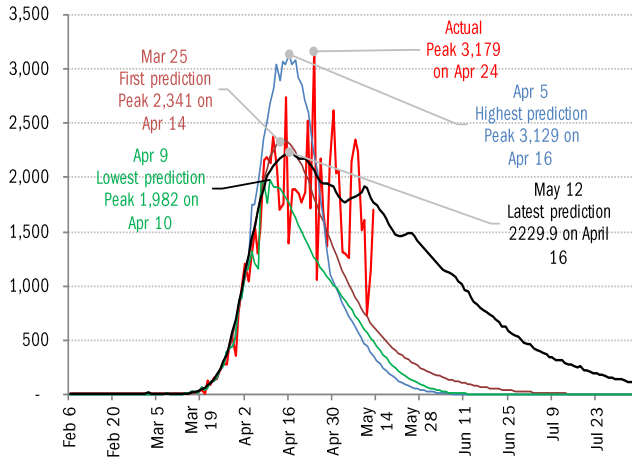
Source: [Covid Tracking Project](#), TrendMacro calculations

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

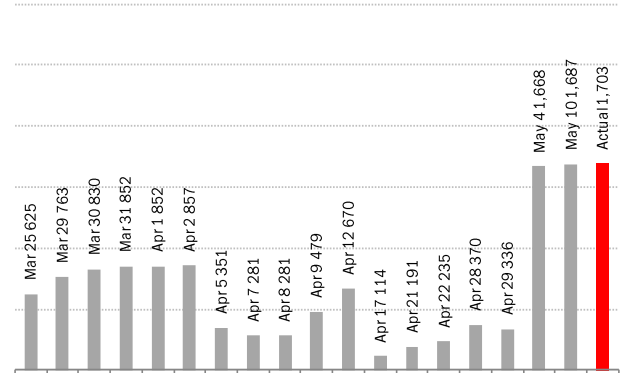
New daily fatalities

As of May 13

Actual versus first, highest and latest model mean predictions

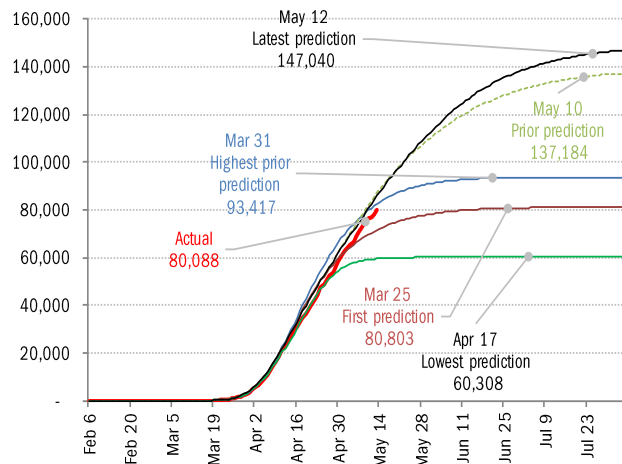


For this day, versus all model mean predictions

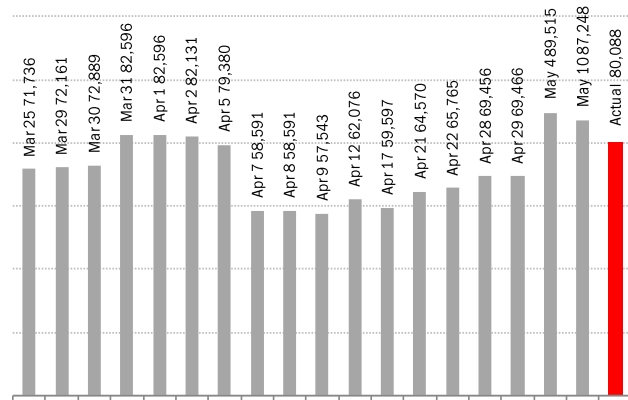


Cumulative fatalities

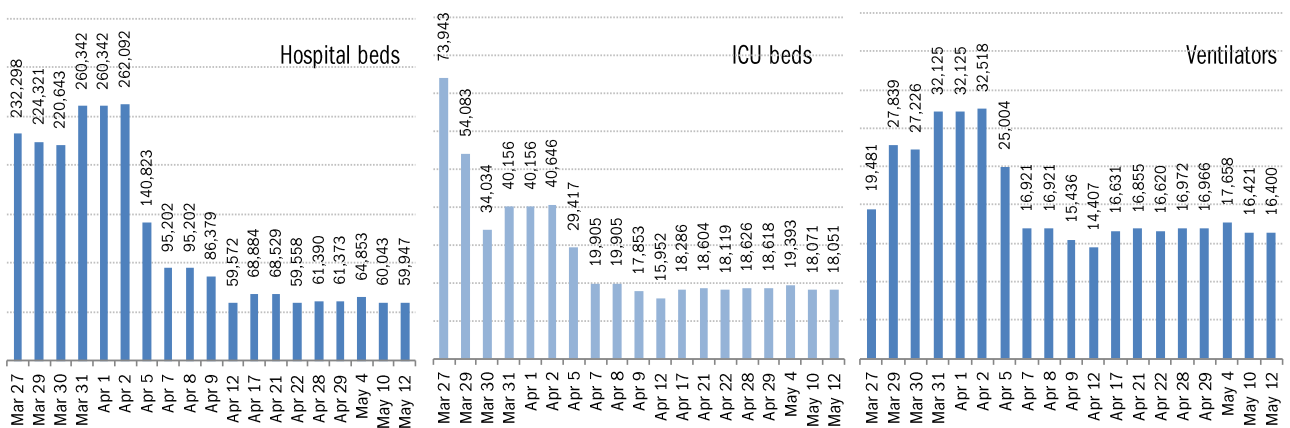
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

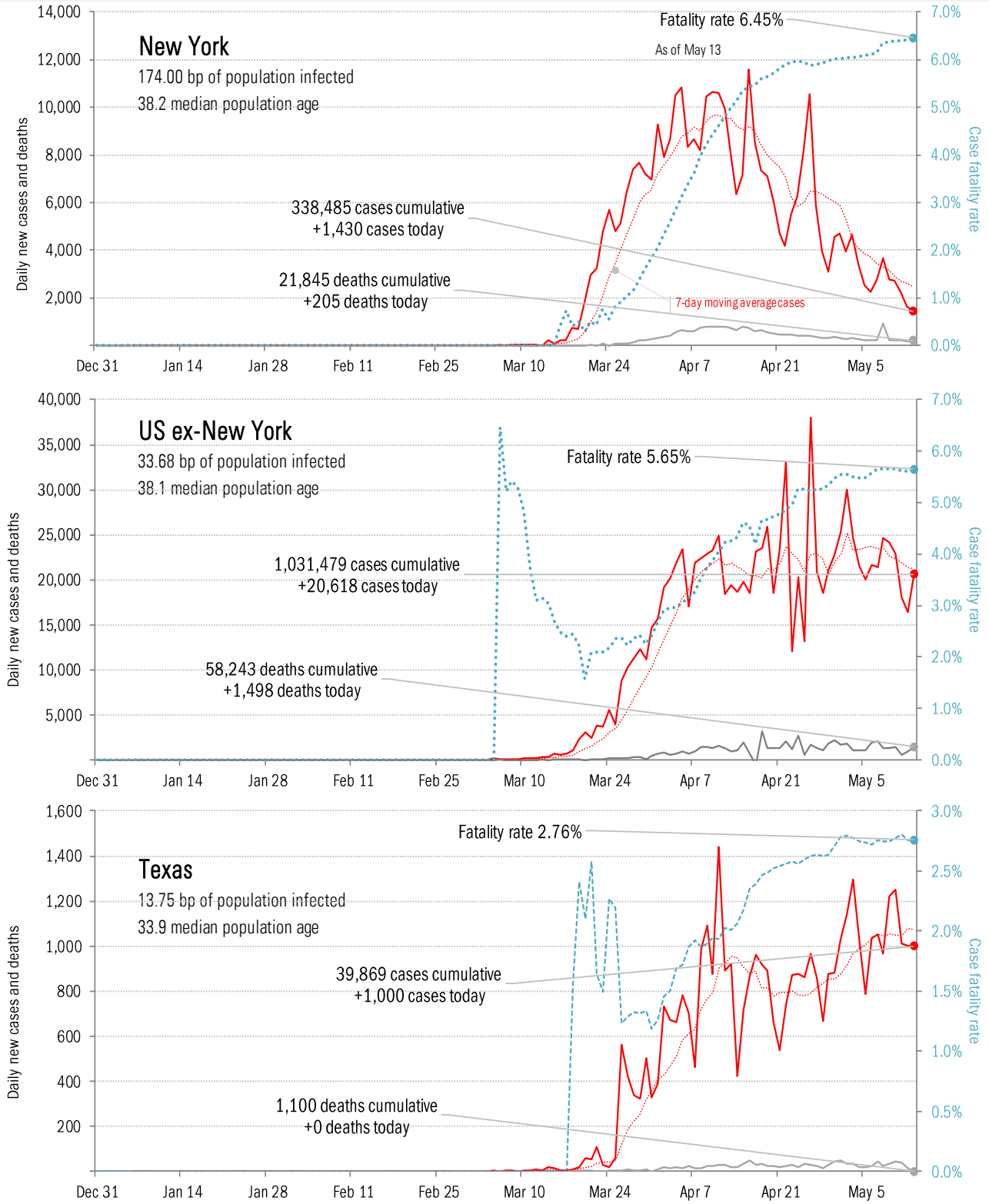


Healthcare system stress, peak estimated at each model revision



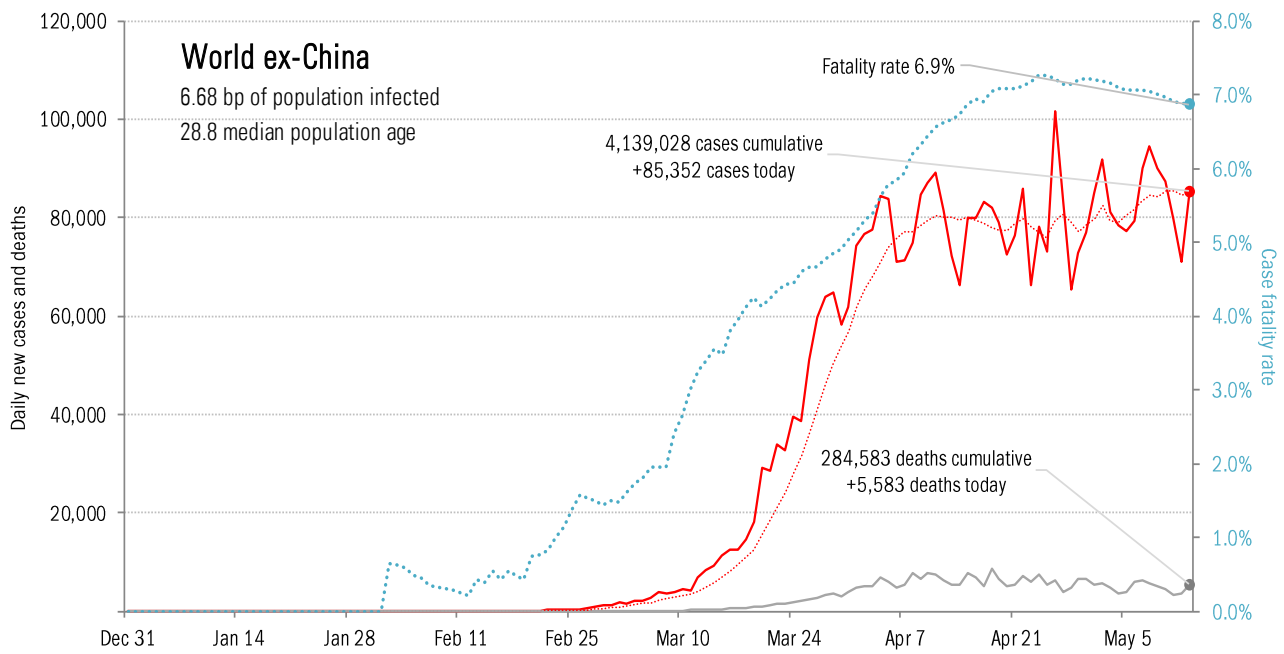
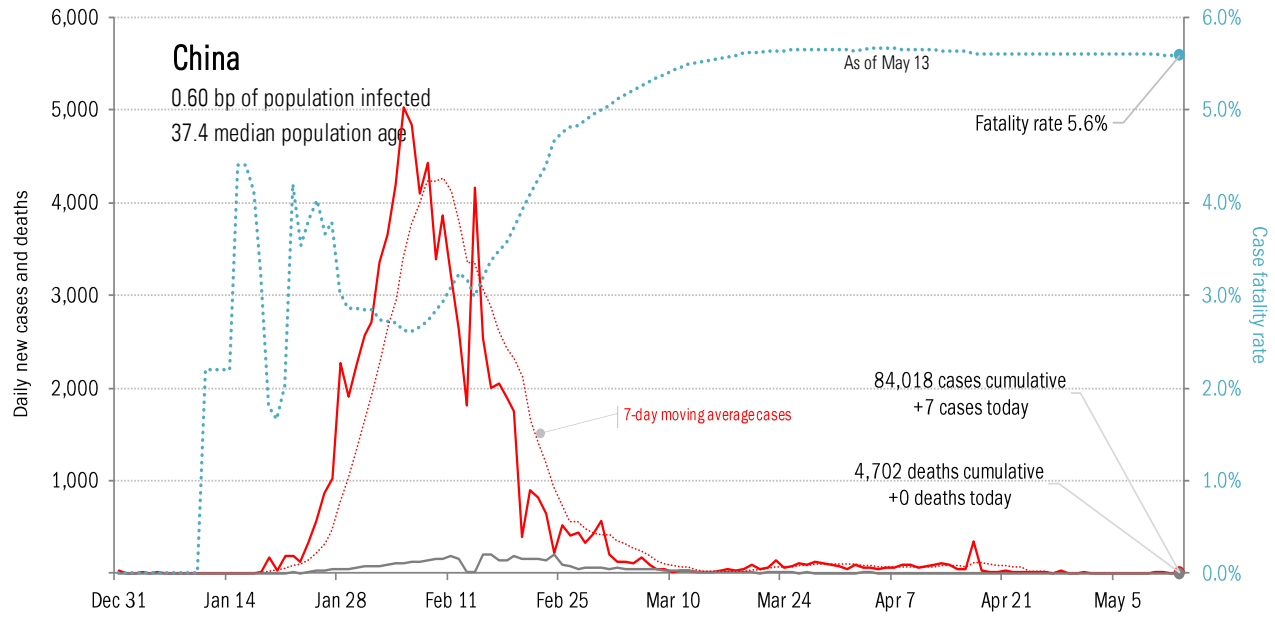
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



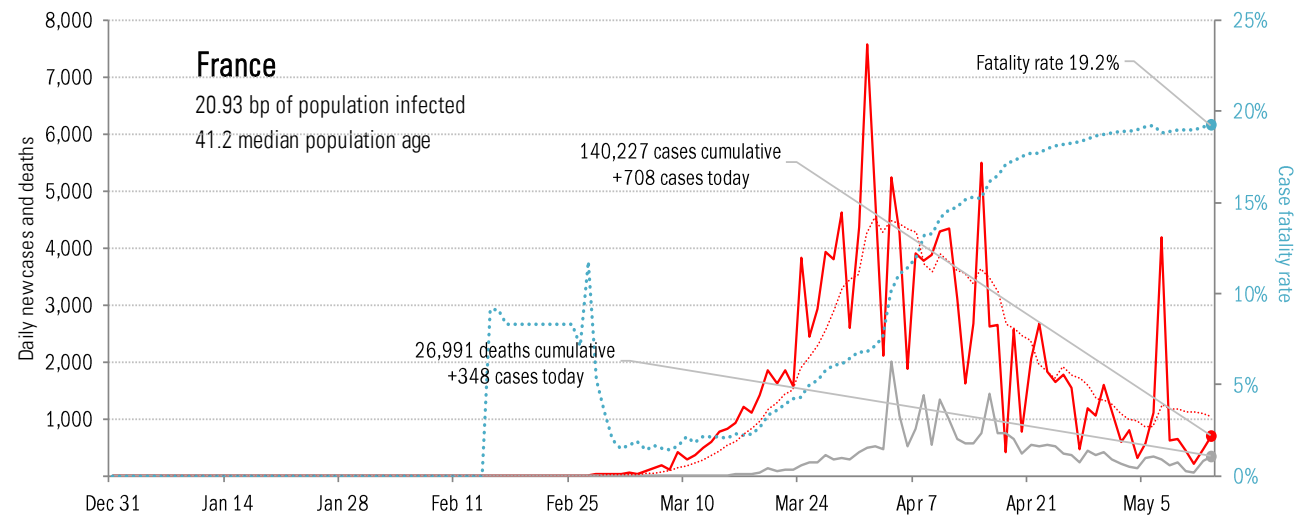
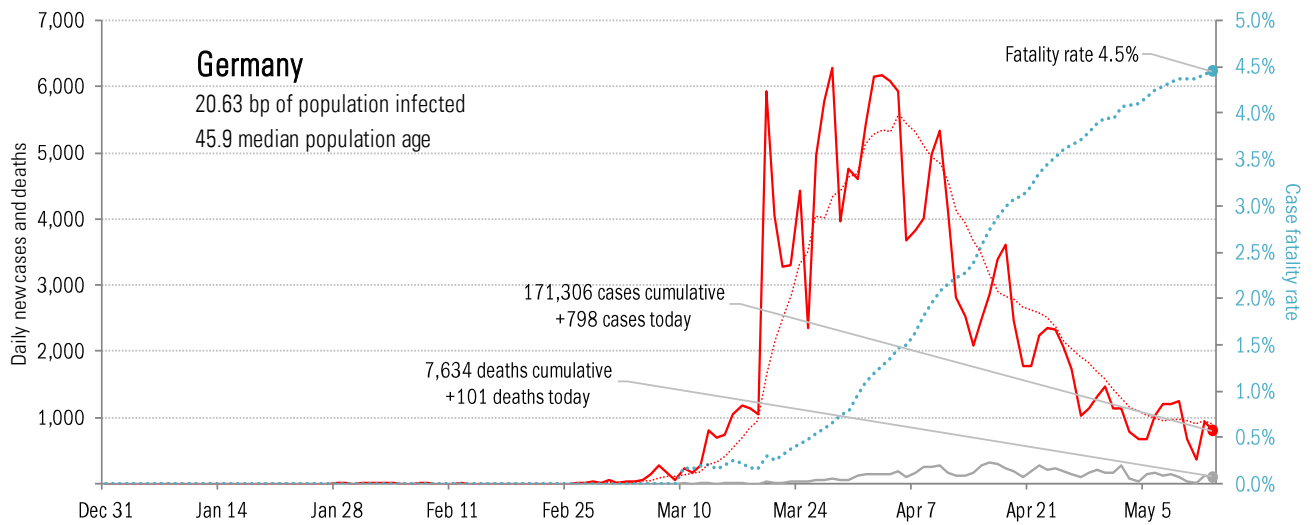
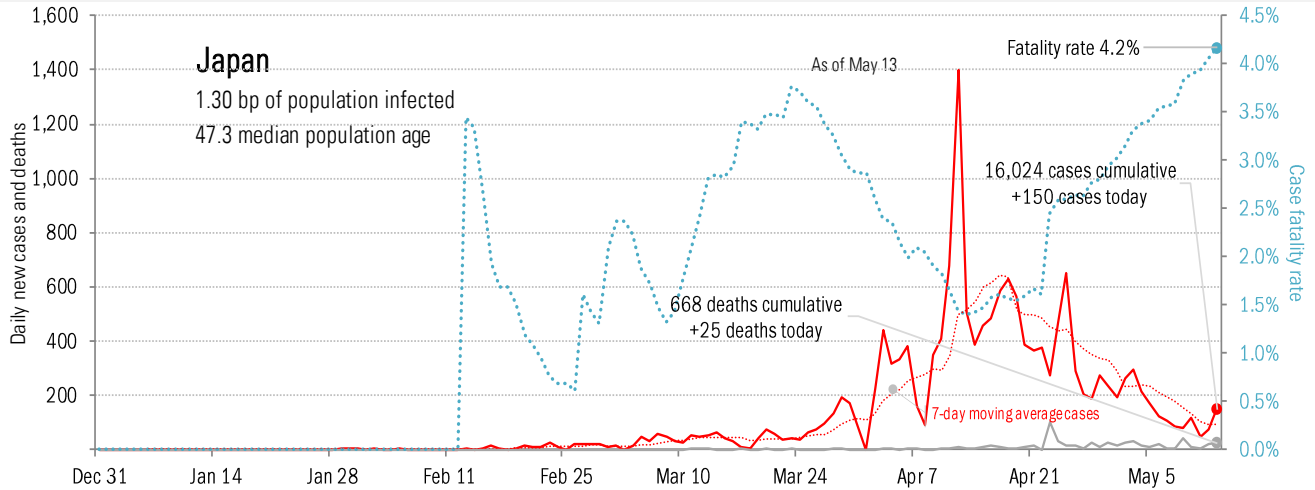
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



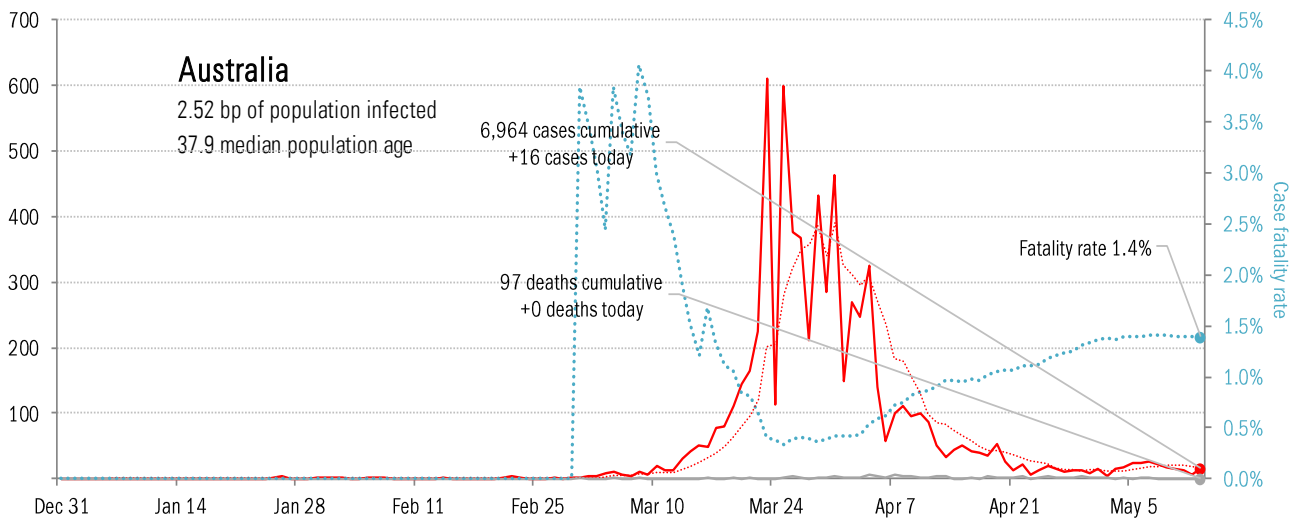
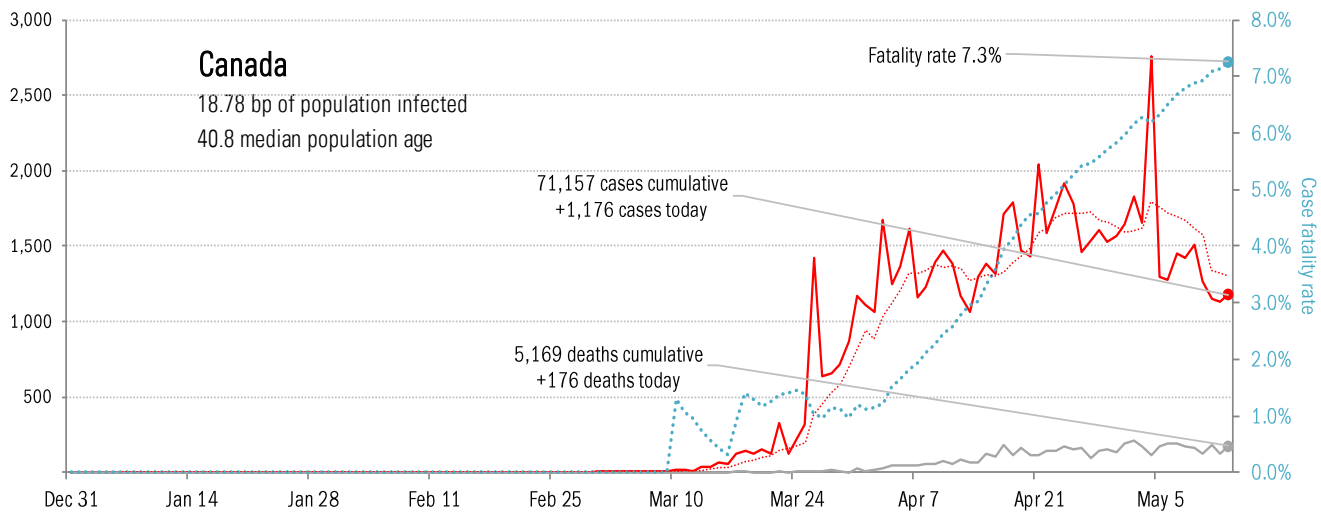
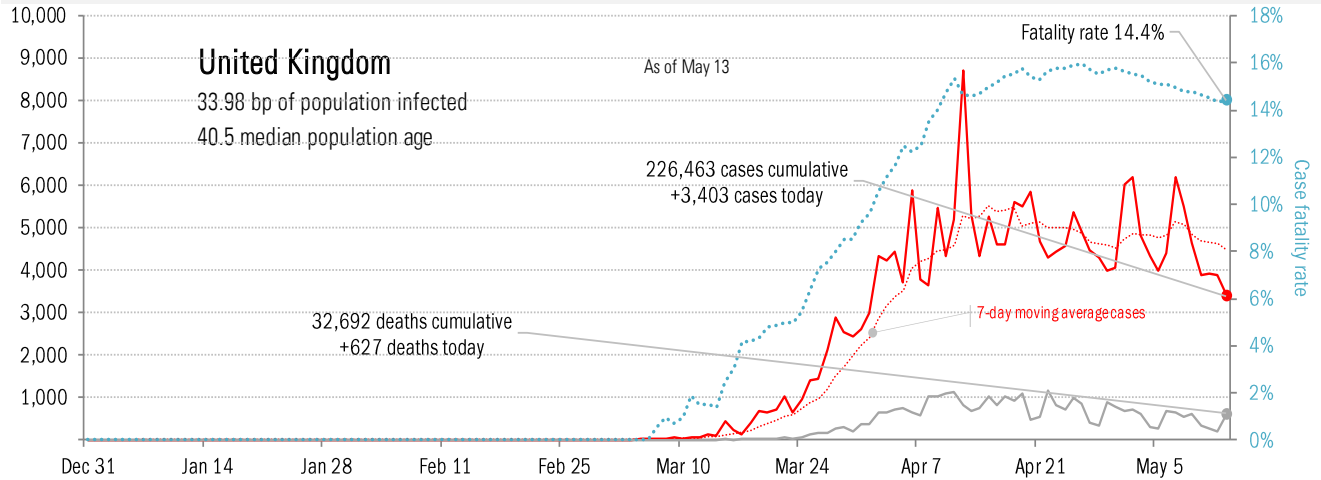
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



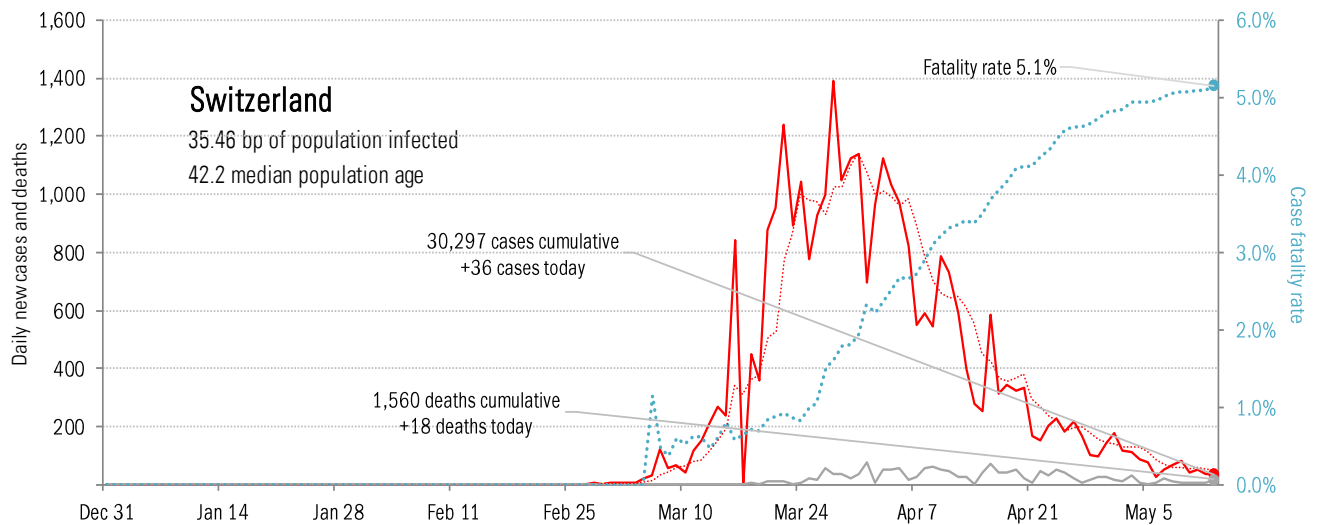
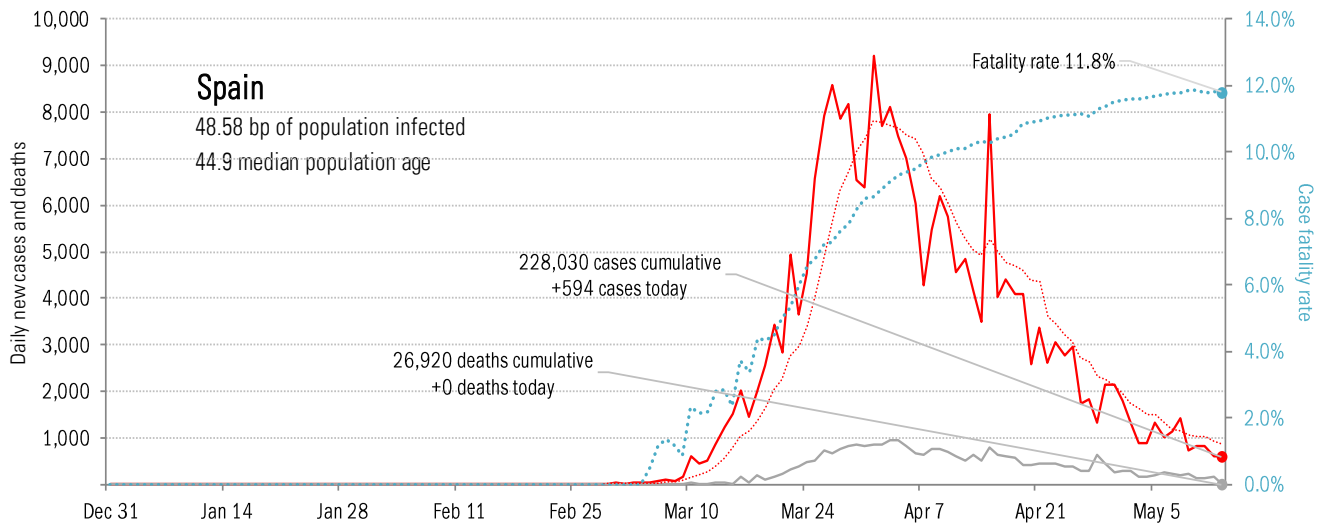
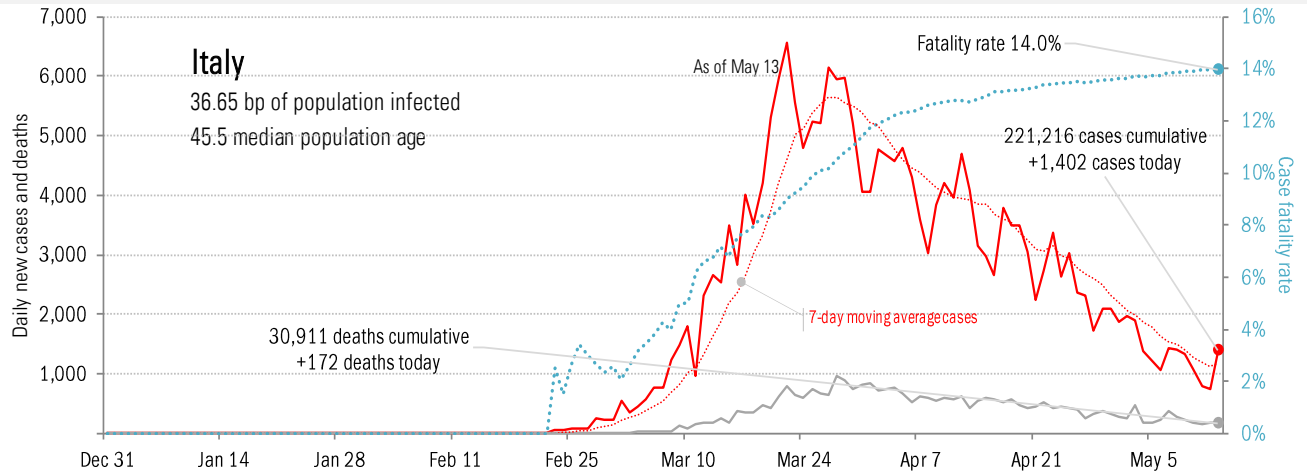
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



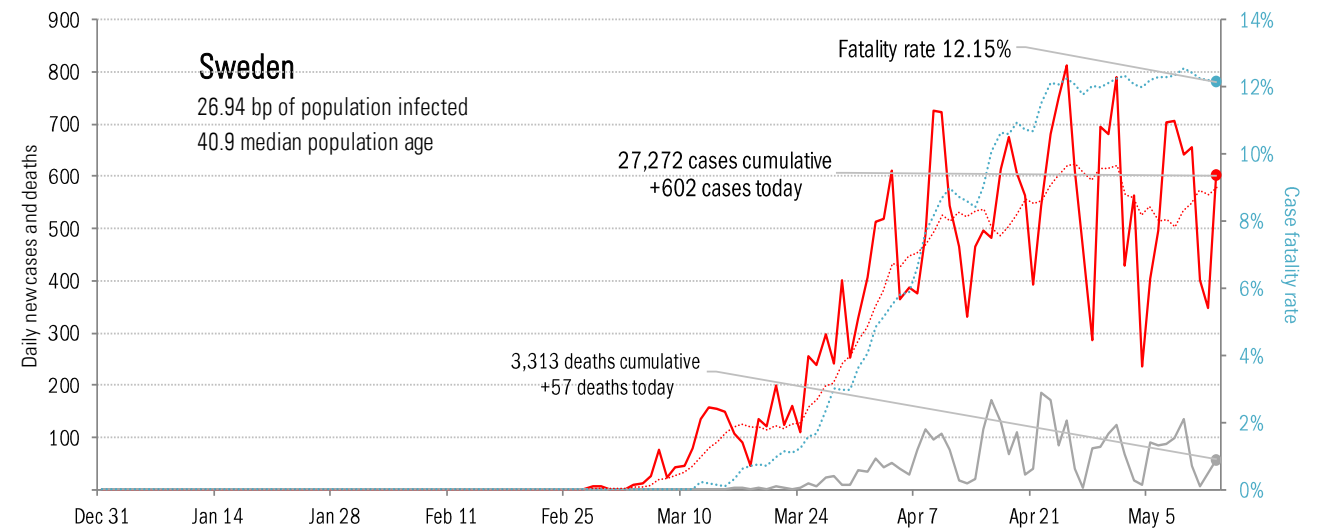
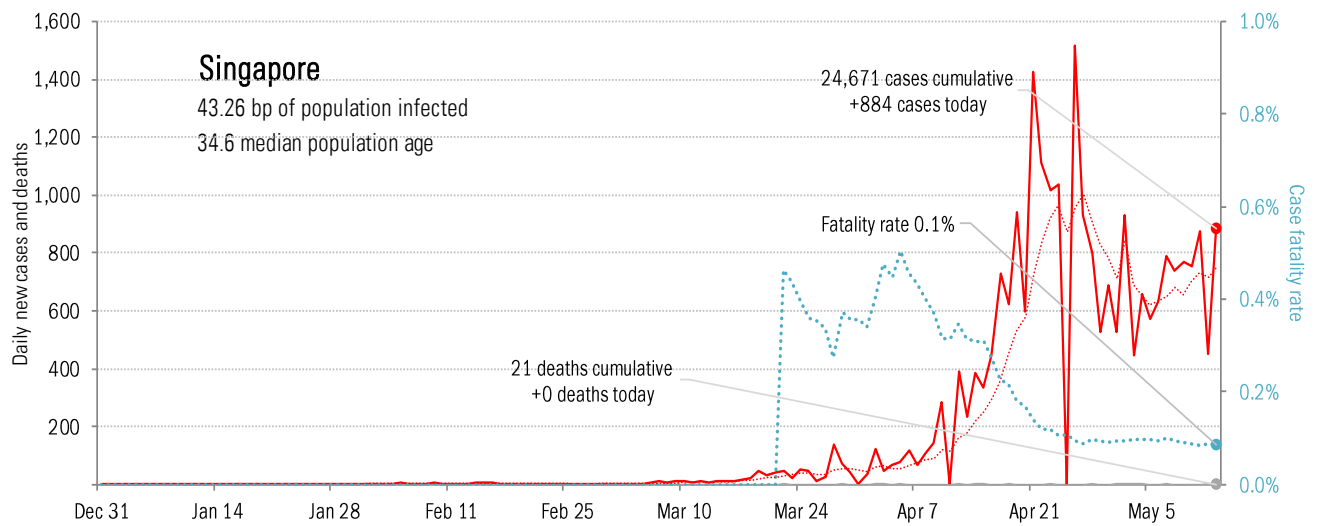
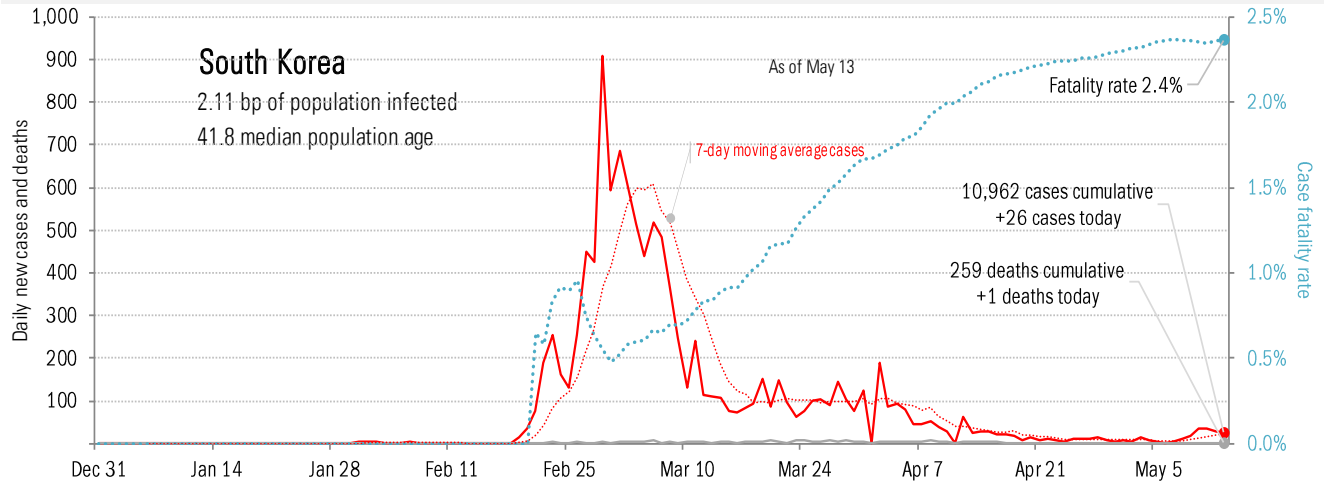
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



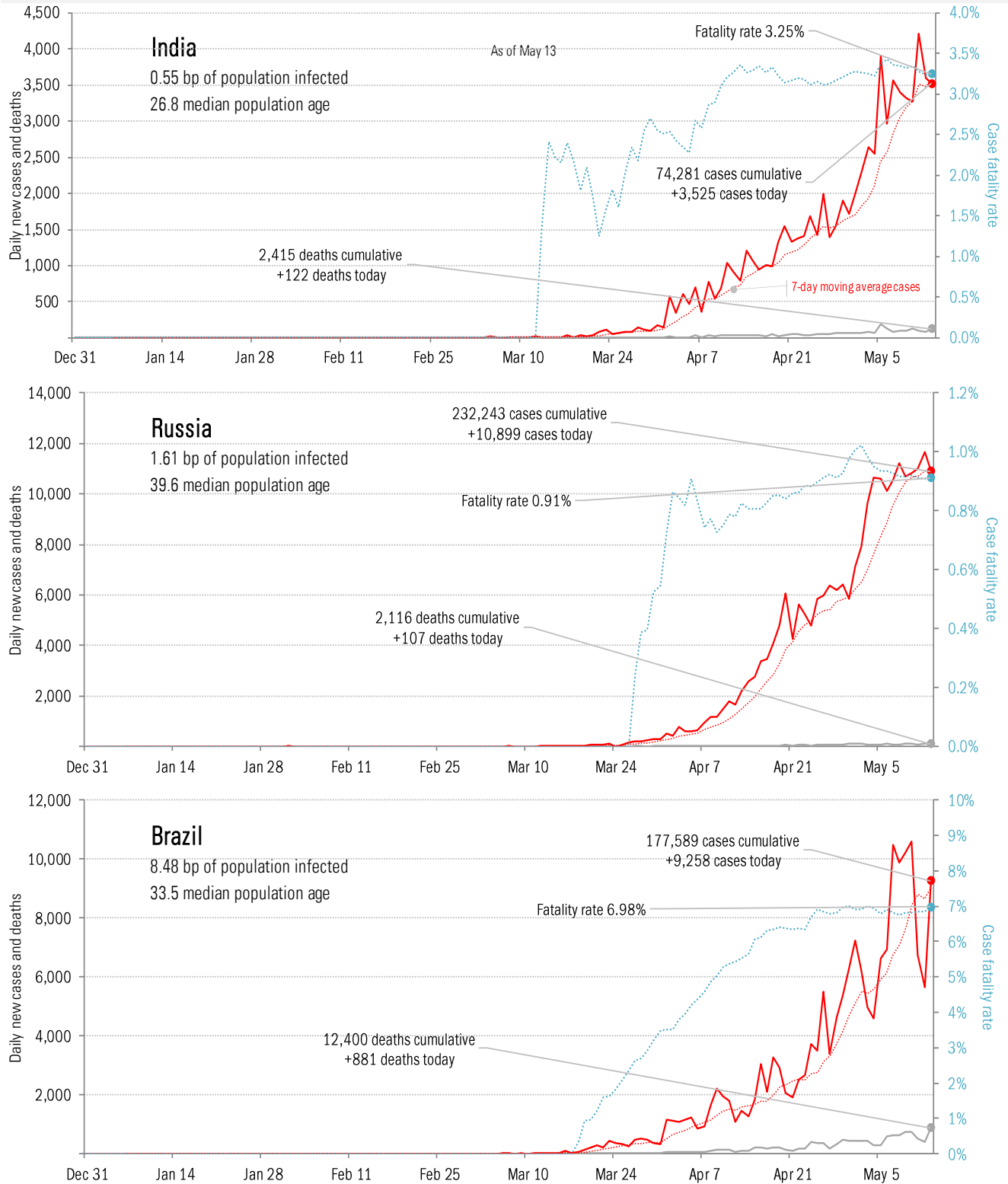
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



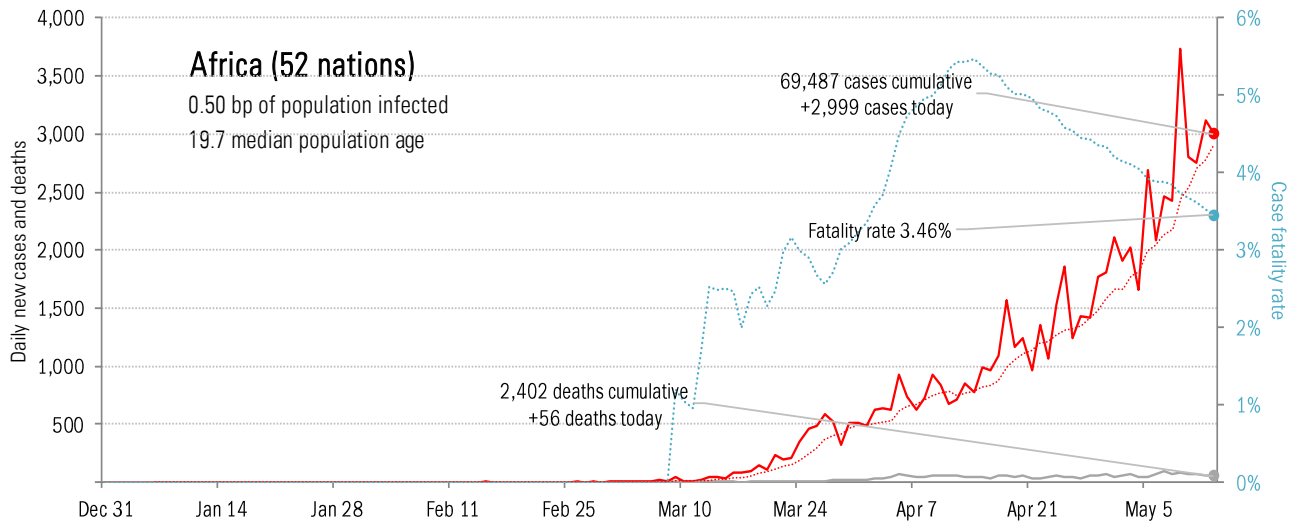
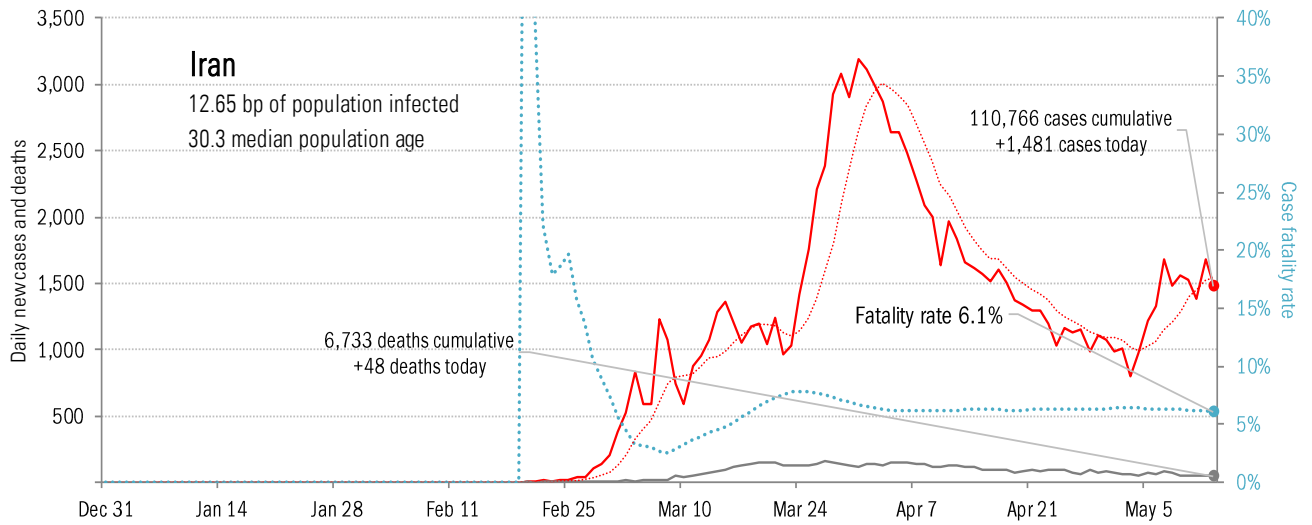
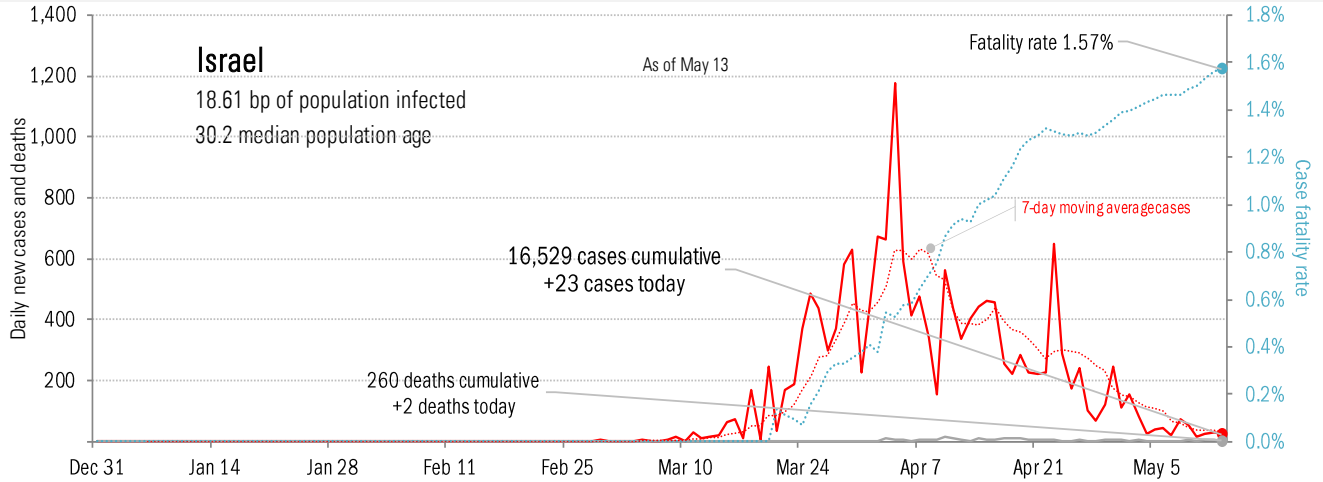
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations