

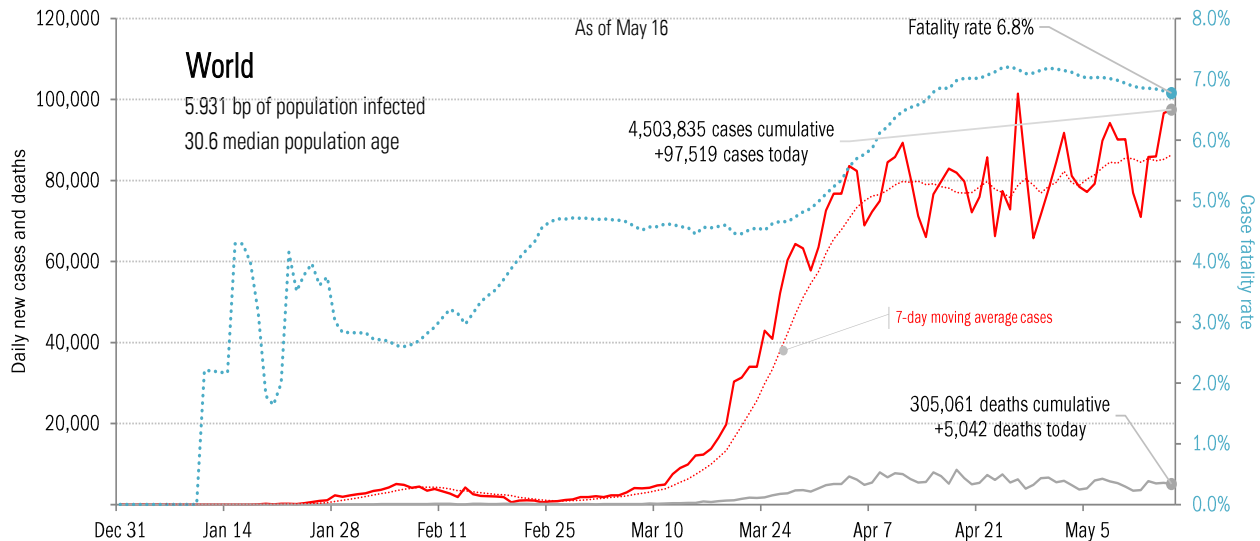
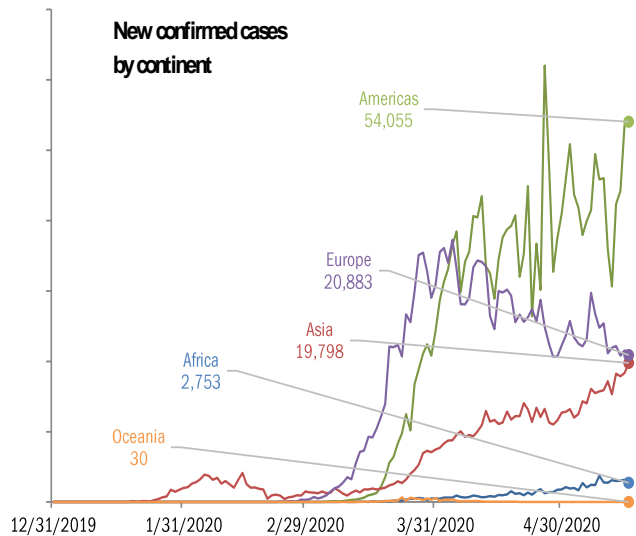
Data Insights: Covid-2019 Monitor

Saturday, May 16, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+25,508	US	+1,662
Brazil	+15,305	Brazil	+824
Russia	+10,598	UK	+384
India	+3,970	Mexico	+290
Peru	+3,891	Ecuador	+256
UK	+3,560	Italy	+242
Chile	+2,502	Peru	+126
Mexico	+2,437	Sweden	+117
Saudi	+2,307	Russia	+113
Iran	+2,102	France	+104
+72,180		+4,118	
World	+97,519	World	+5,042
Top ten	74%	Top ten	82%



Source: [ECDC](#), TrendMacro calculations

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The US scorecard

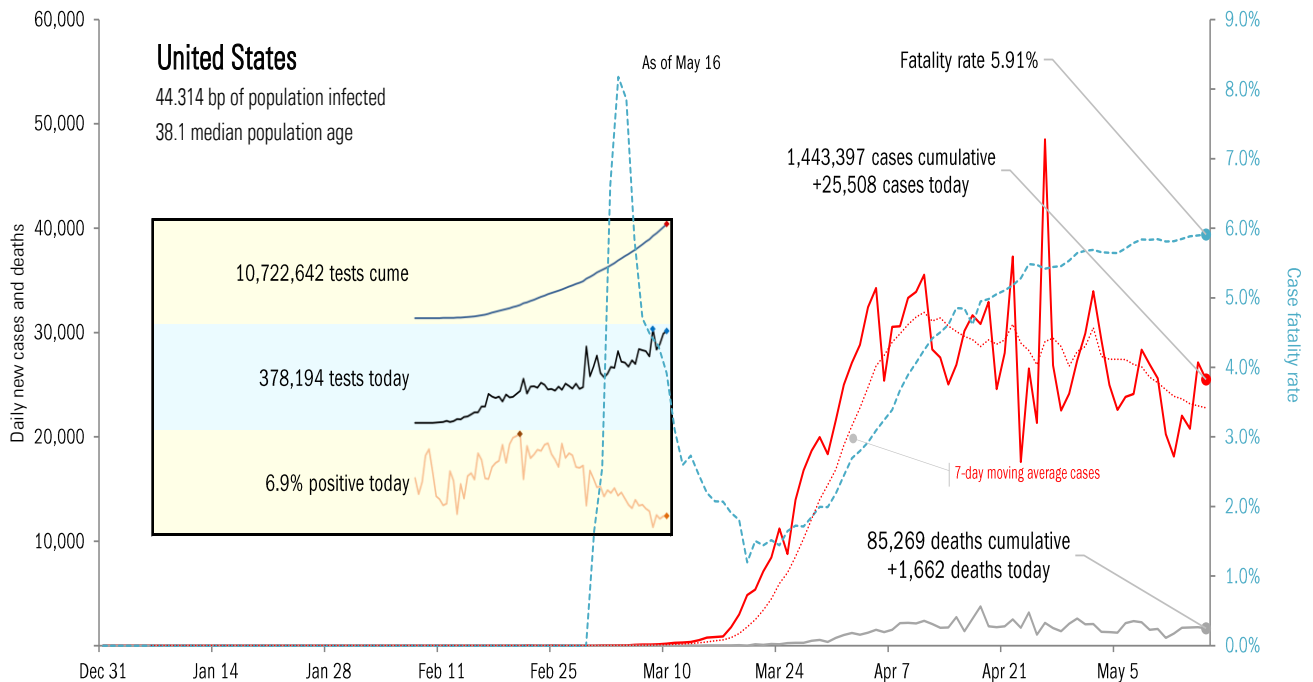
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
MA	+2,924	MA	+277	NY	+318	NY	345,813	NY	22,304	NY	74,751
NY	+2,762	NJ	+192	MA	+282	NJ	143,905	NJ	10,138	CT	10,946
IL	+2,432	NY	+134	MD	+126	IL	90,369	MA	5,592	MA	8,314
CA	+1,772	IL	+130	VA	+105	MA	83,421	MI	4,825	FL	7,993
TX	+1,347	PA	+124	GA	+93	CA	74,936	PA	4,342	MD	6,679
NJ	+1,201	CA	+76	SC	+83	PA	60,622	IL	4,058	GA	6,438
MD	+1,083	CT	+66	OH	+73	MI	50,079	CT	3,285	VA	5,316
PA	+986	TX	+56	MN	+70	TX	45,198	CA	3,108	OH	4,791
VA	+859	CH	+47	CO	+54	FL	43,210	LA	2,448	IN	4,389
GA	+823	IN	+45	KY	+52	MD	36,986	FL	1,991	CO	3,789
+16,189		+1,147		+1,256		974,539		62,091		133,406	
All states	+26,189	All states	+1,645	All states	+1,470	All states	1,433,696	All states	81,729	All states	153,866
Top ten	62%	Top ten	70%	Top ten	85%	Top ten	68%	Top ten	76%	Top ten	87%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
FL	-808	PA	-151	CT	-1,557	TX	+967
IL	-807	NJ	-52	FL	-158	NY	+544
MI	-694	MI	-35	NY	-152	TN	+399
LA	-479	CT	-28	AZ	-53	MN	+347
CA	-251	CO	-24	TN	-28	IA	+330



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

Recommended reading

[Atwater is now a business 'sanctuary city' during coronavirus pandemic. What does it mean?](#)

Abbie Lauten-Scrivner
Merced Sun-Star
May 15, 2020

[The Lockdown Skeptic They Couldn't Silence](#)

Allysia Finley
Wall Street Journal
May 15, 2020

[U.S. Economists Predict Endless, Mandelbrot-Shaped Recovery](#)

The Onion
May 14, 2020

[COVID-19 \(Coronavirus\) Survival Calculator](#)

Nexoid
April 25, 2020

[Fang Fang's 'Wuhan diary' sparks tussle over virus narrative](#)

Christian Shepherd
Financial Times
May 15, 2020

[Germany's New Coronavirus Thinking](#)

Wall Street Journal
May 14, 2020

[What Spread Coronavirus in New York City? The Subways.](#)

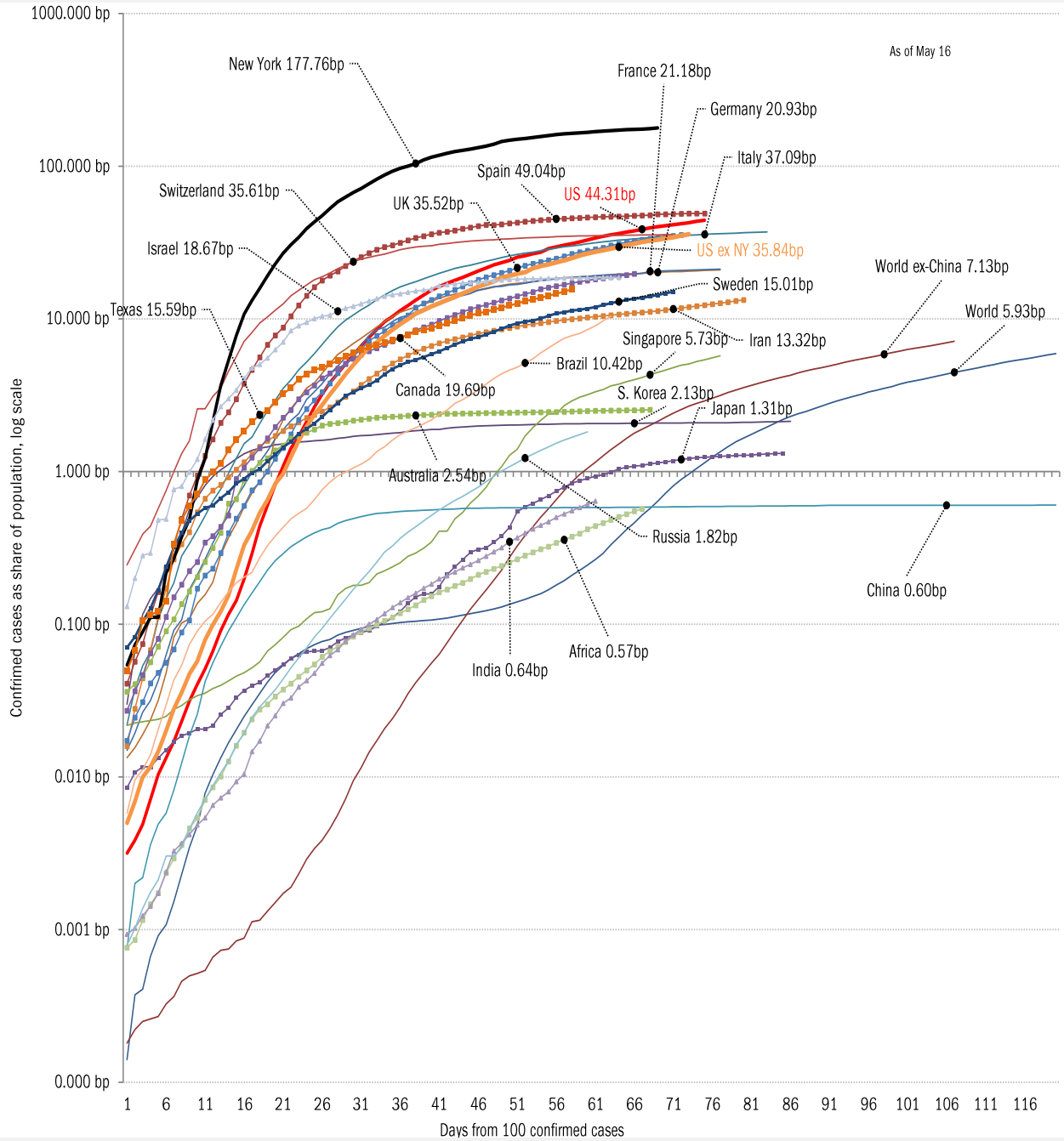
Jeffrey Harris
Commentary
May 13, 2020

Meme of the day

" CAN WE UNINSTALL
2020 AND INSTALL IT
AGAIN?
THIS VERSION HAS A
VIRUS "

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

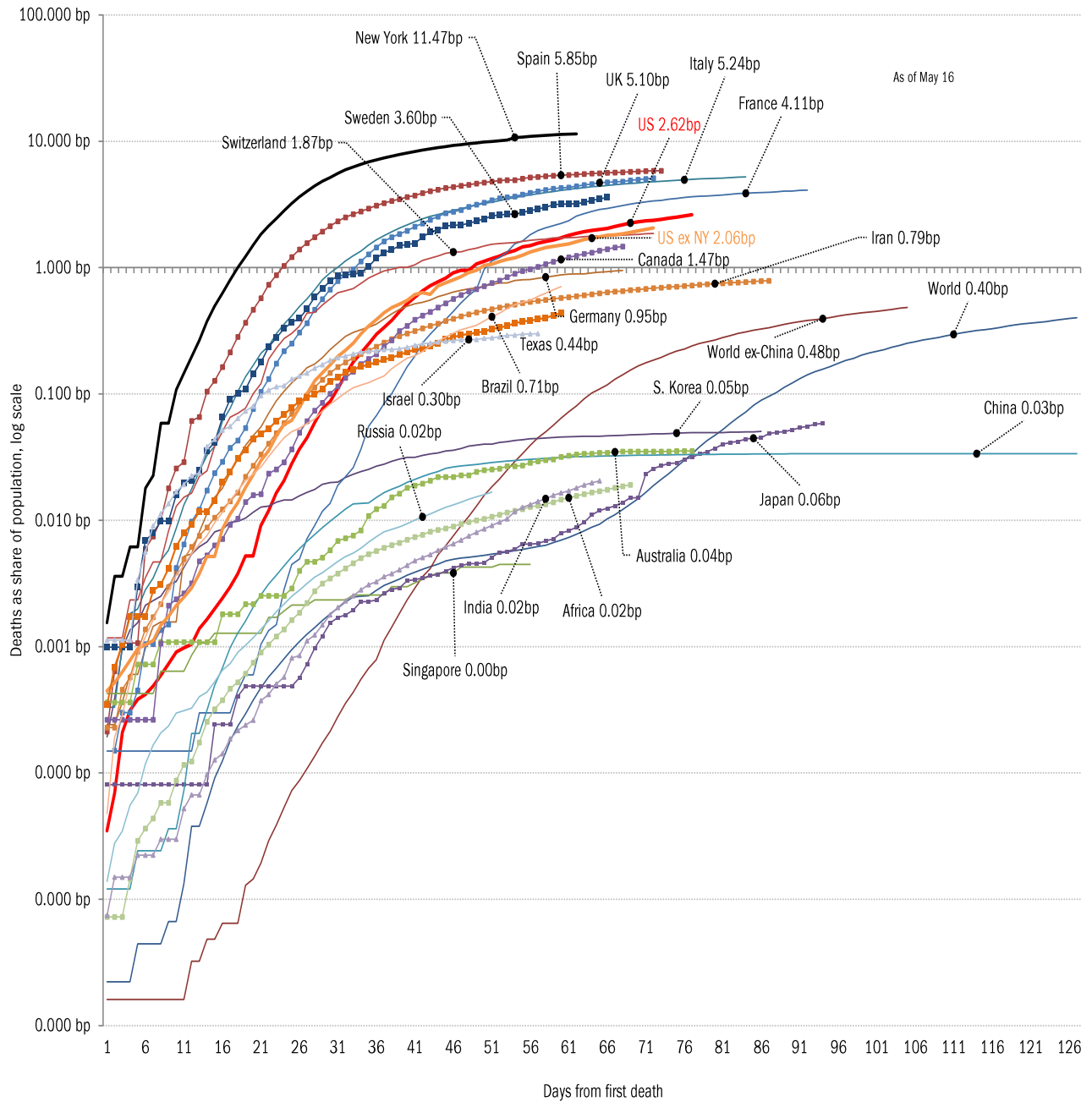
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

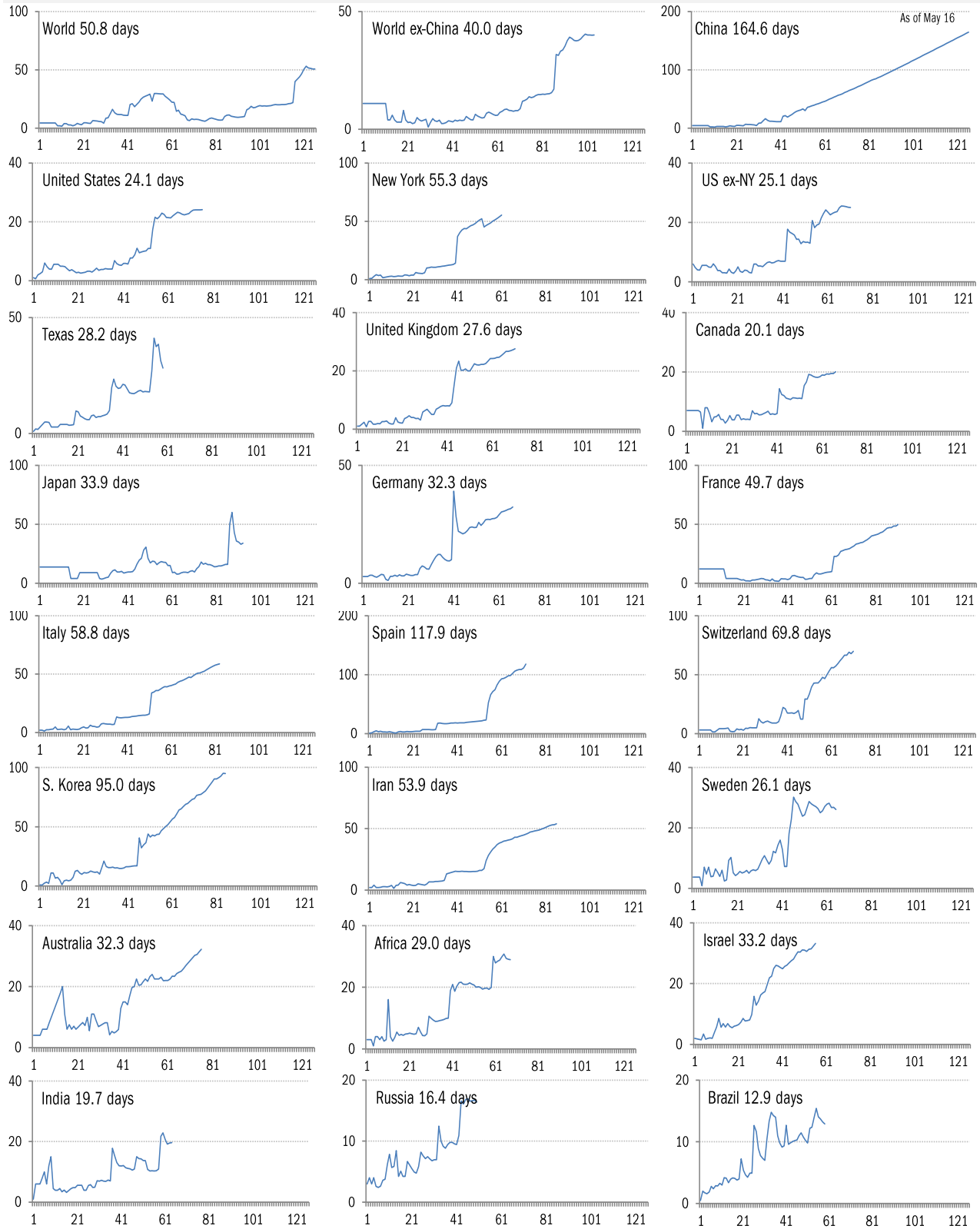
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

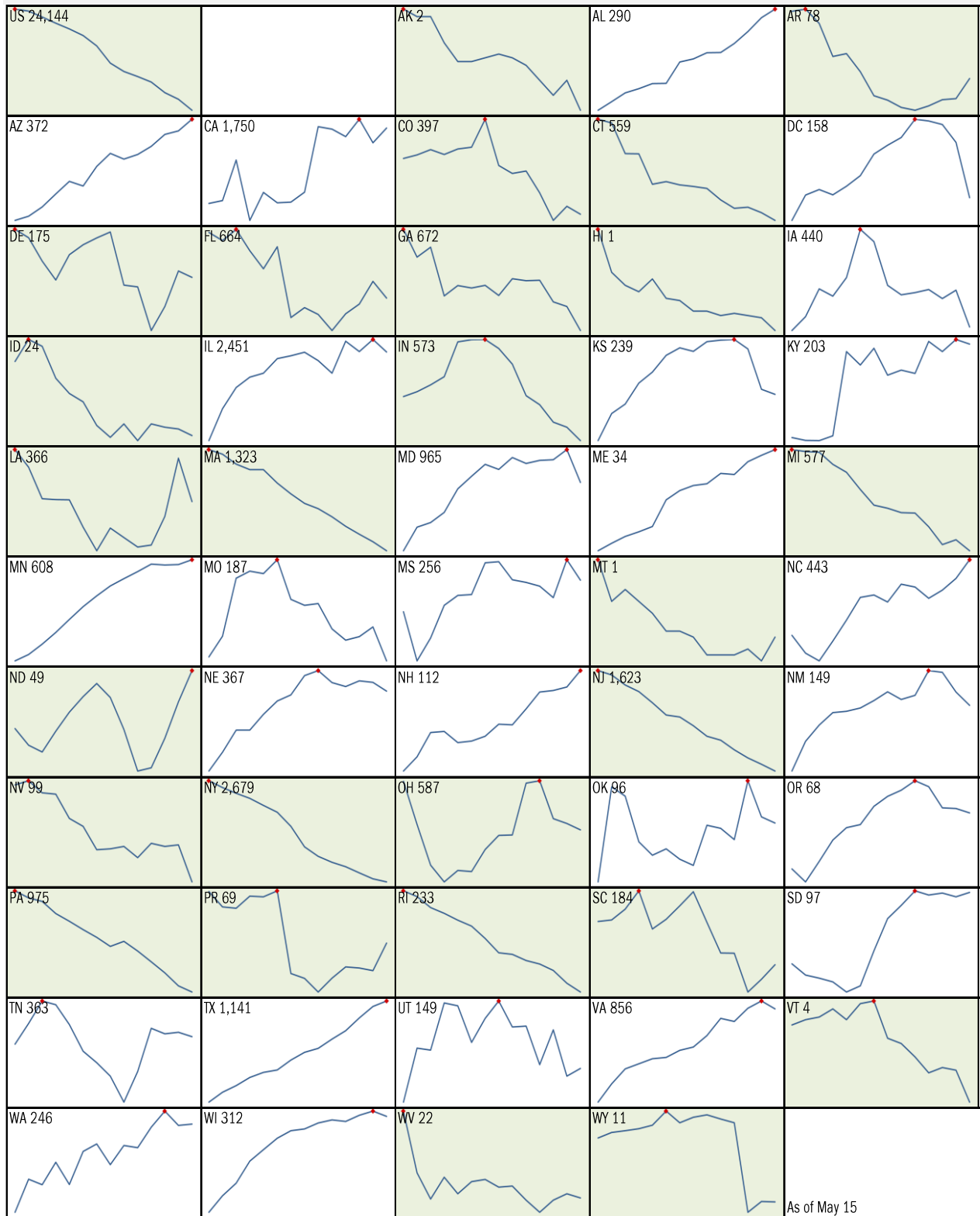
Our most reliable evidence of slowing the Moore's law of Covid-19

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



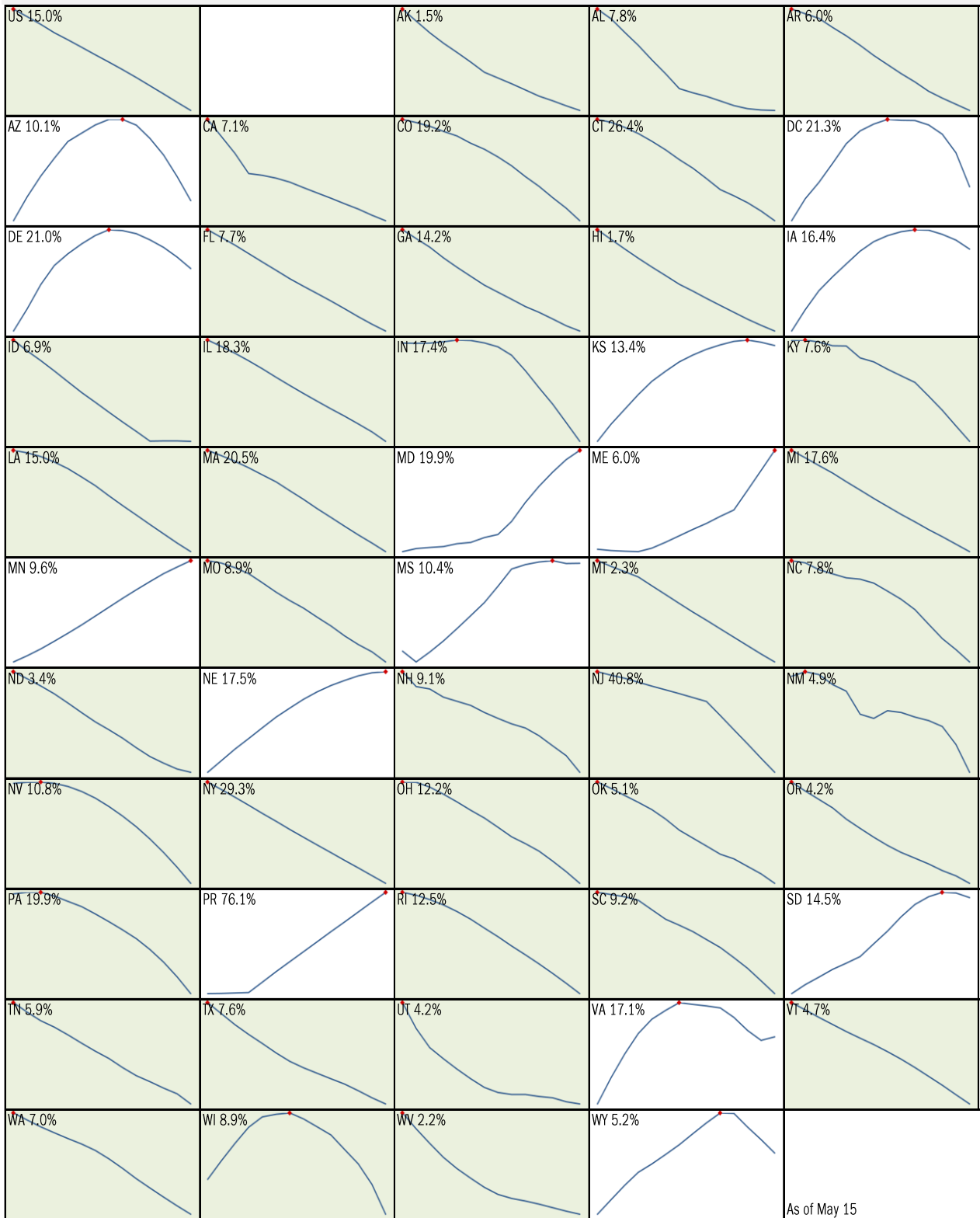
Source: [ECDC](#), TrendMacro calculations

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*



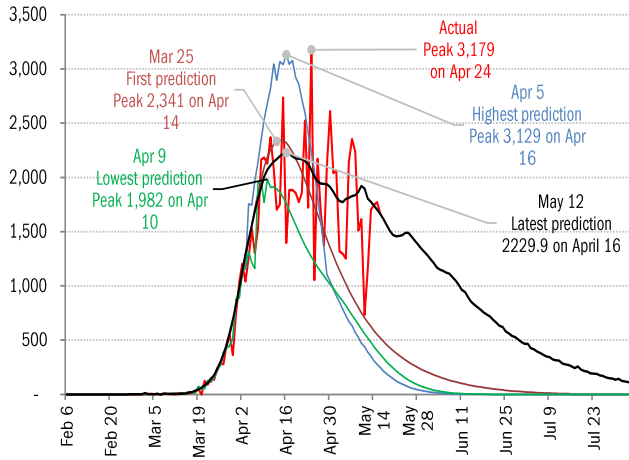
Source: [Covid Tracking Project](#), TrendMacro calculations

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

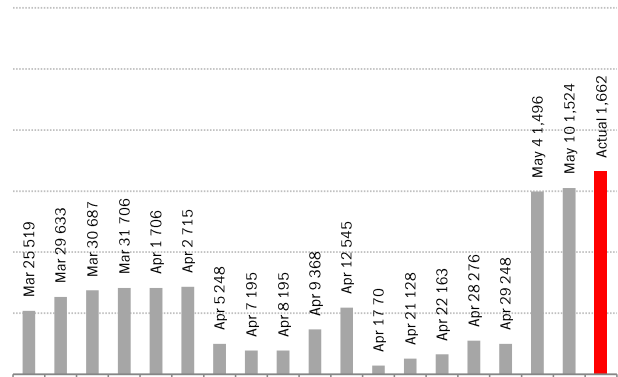
New daily fatalities

As of May 16

Actual versus first, highest and latest model mean predictions

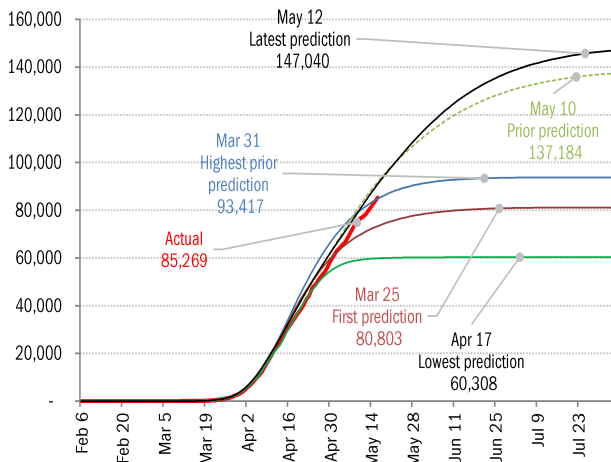


For this day, versus all model mean predictions

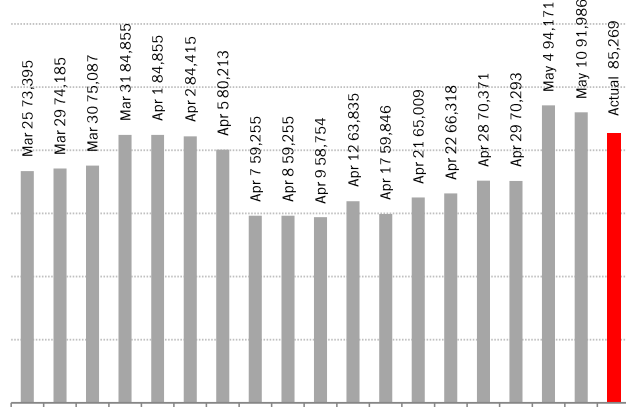


Cumulative fatalities

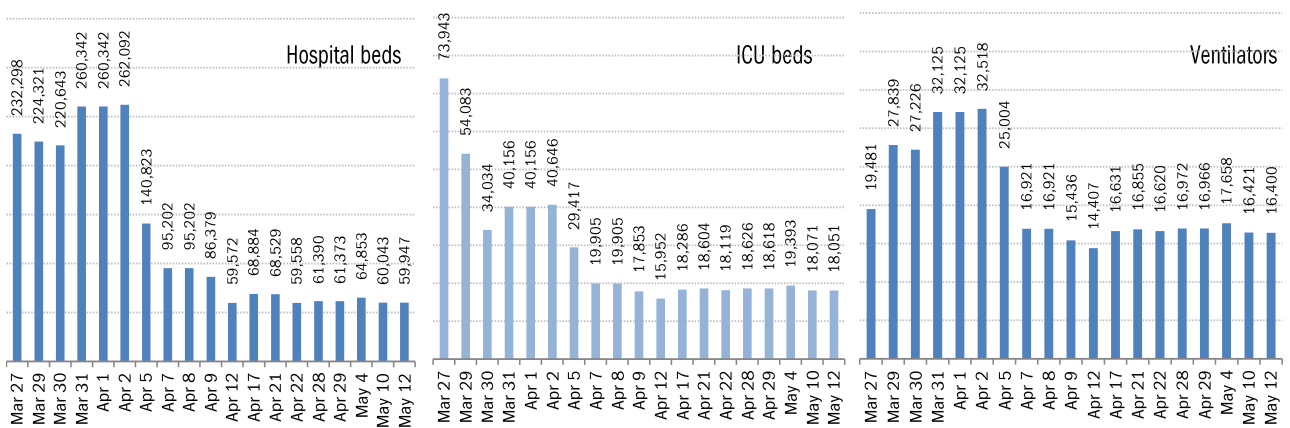
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

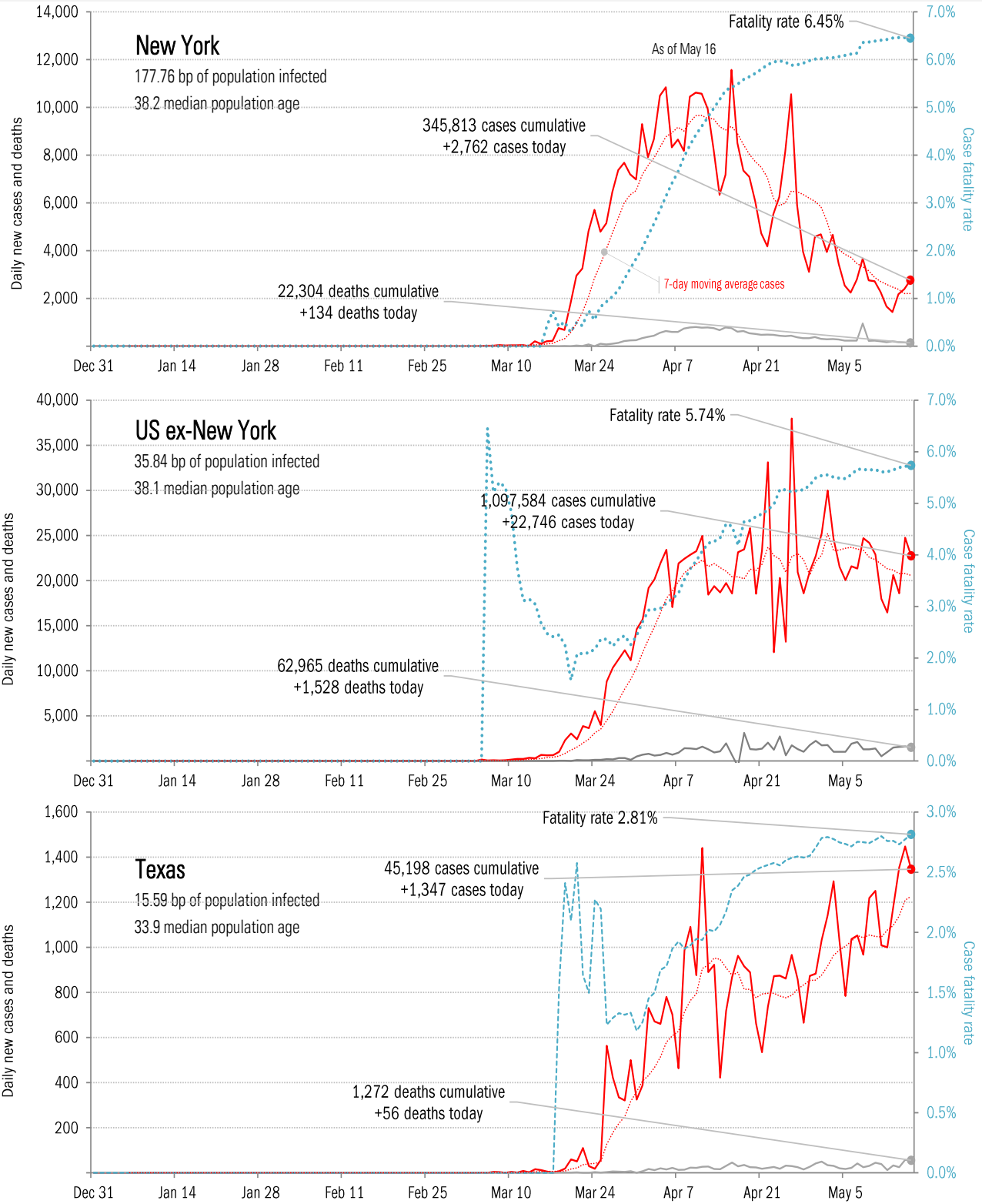


Healthcare system stress, peak estimated at each model revision



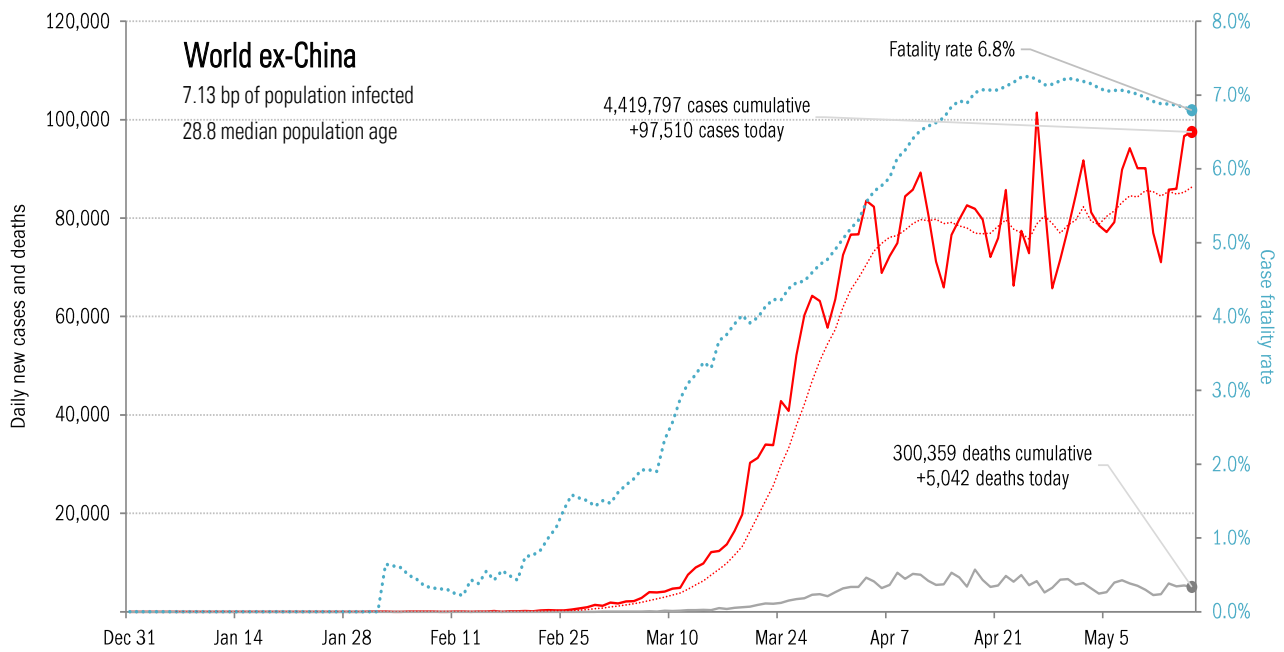
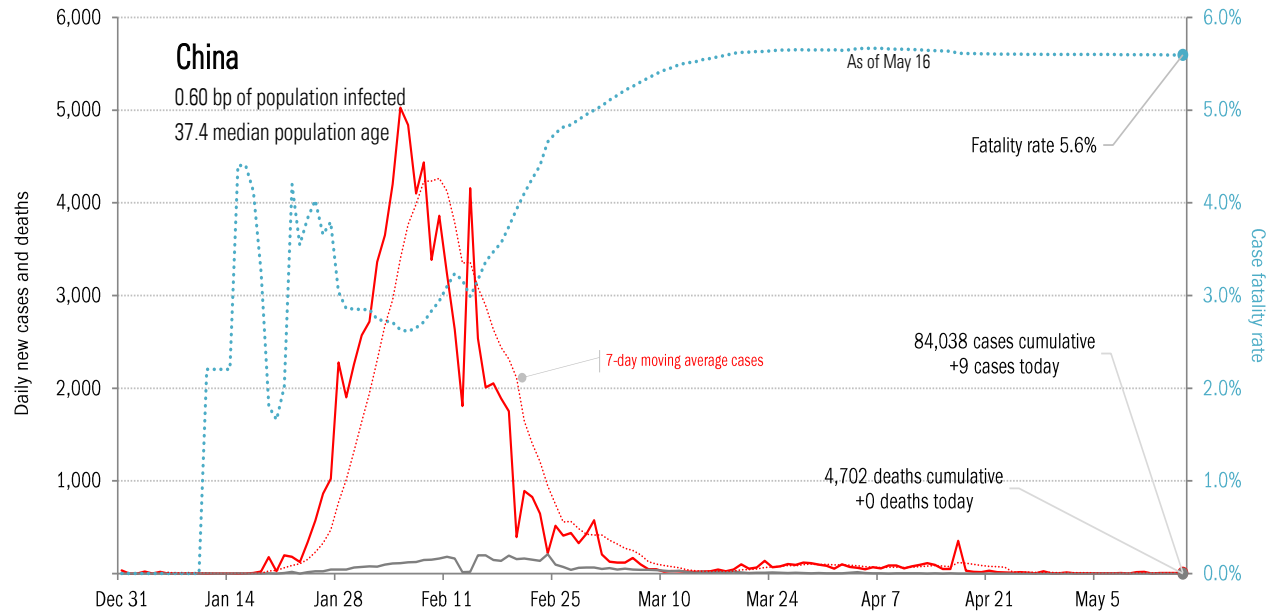
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



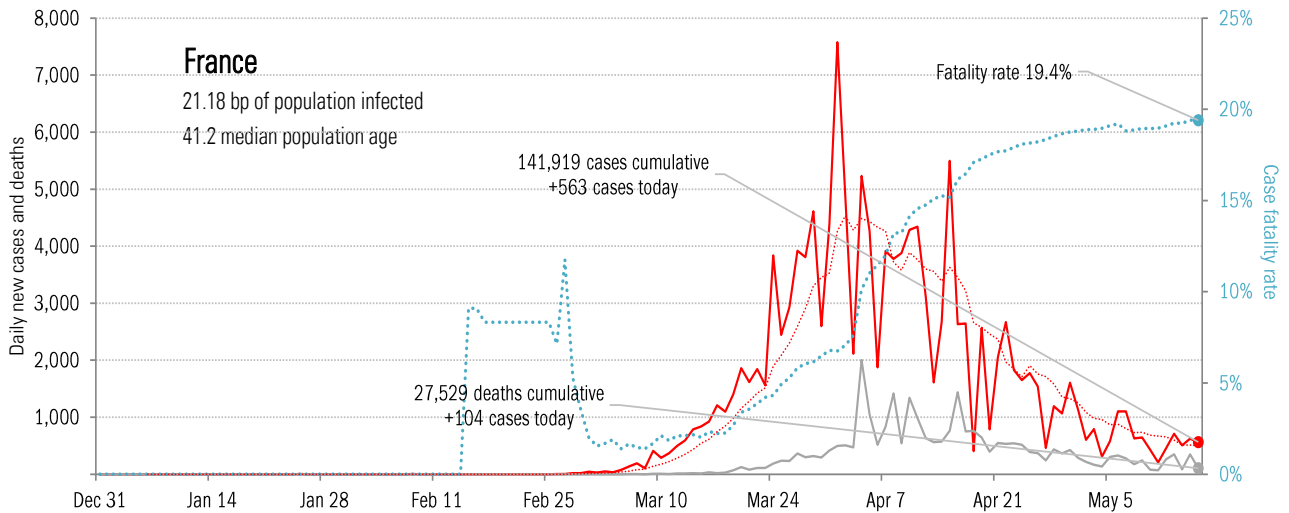
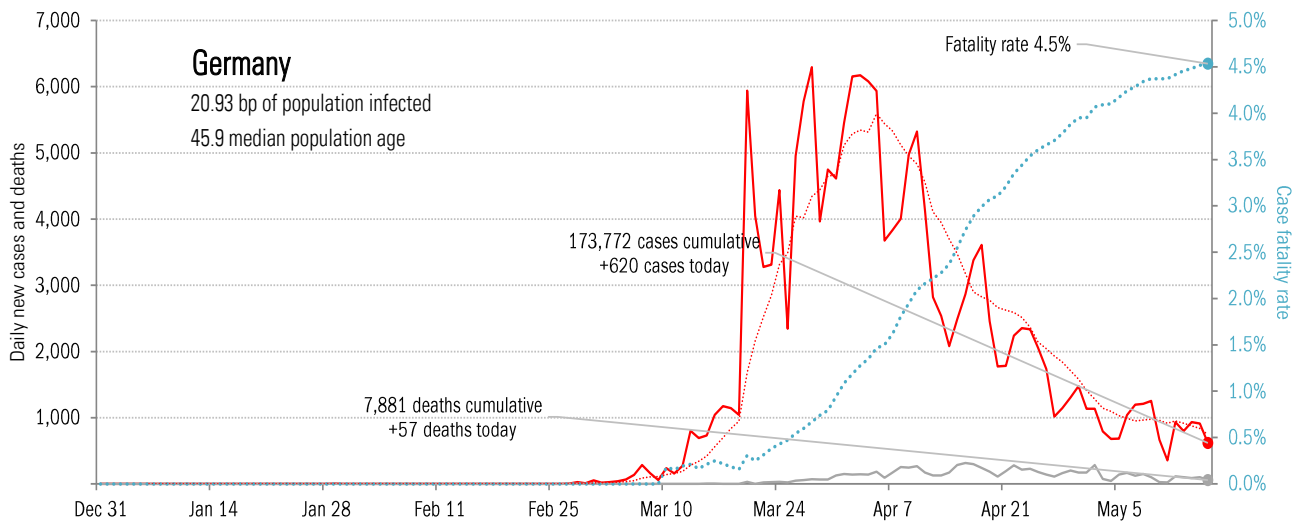
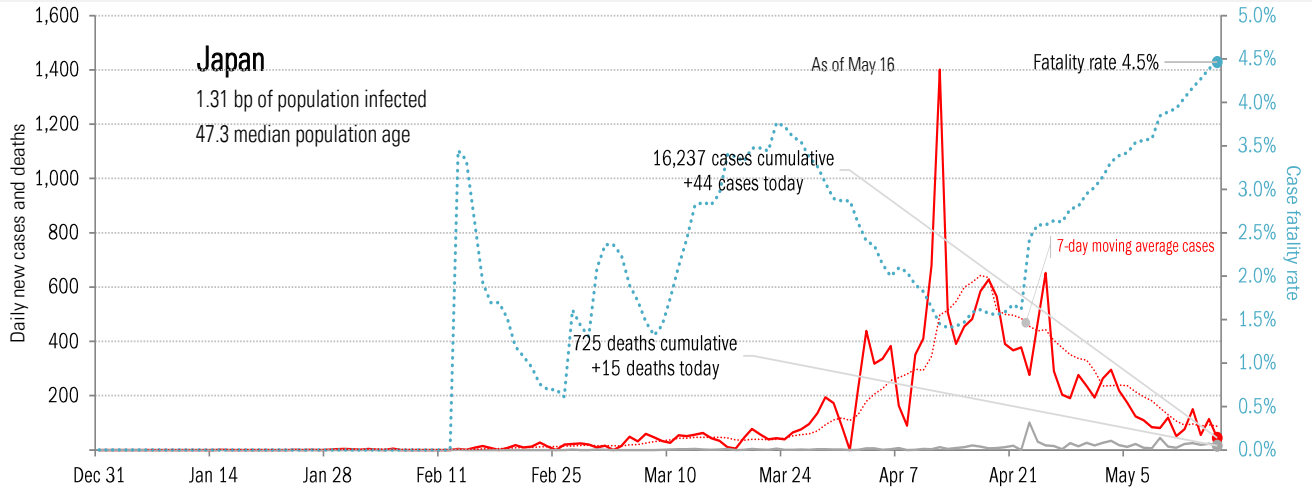
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



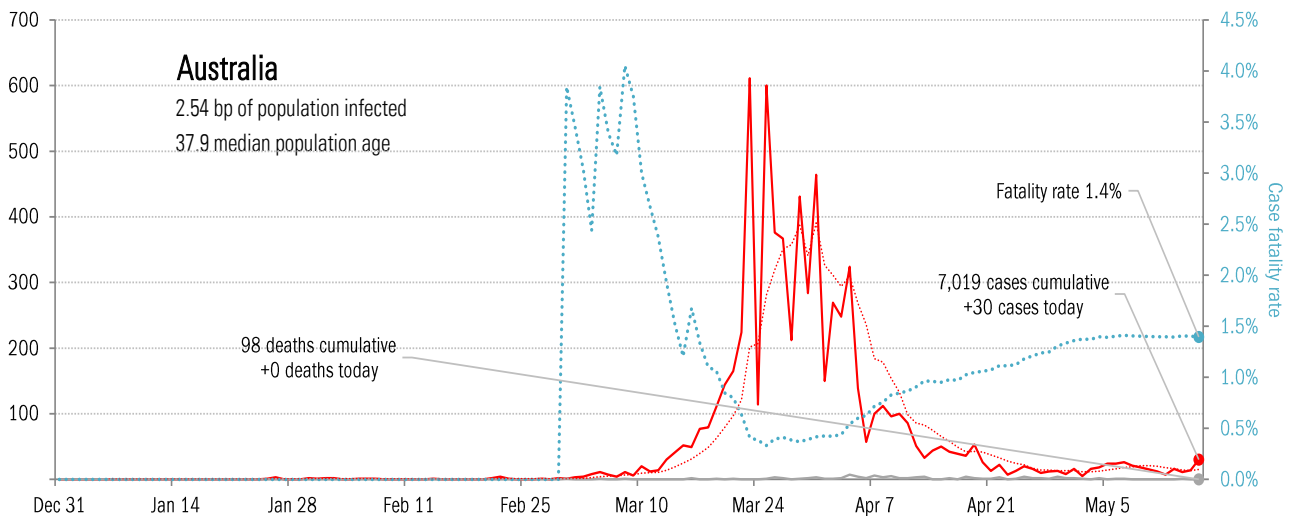
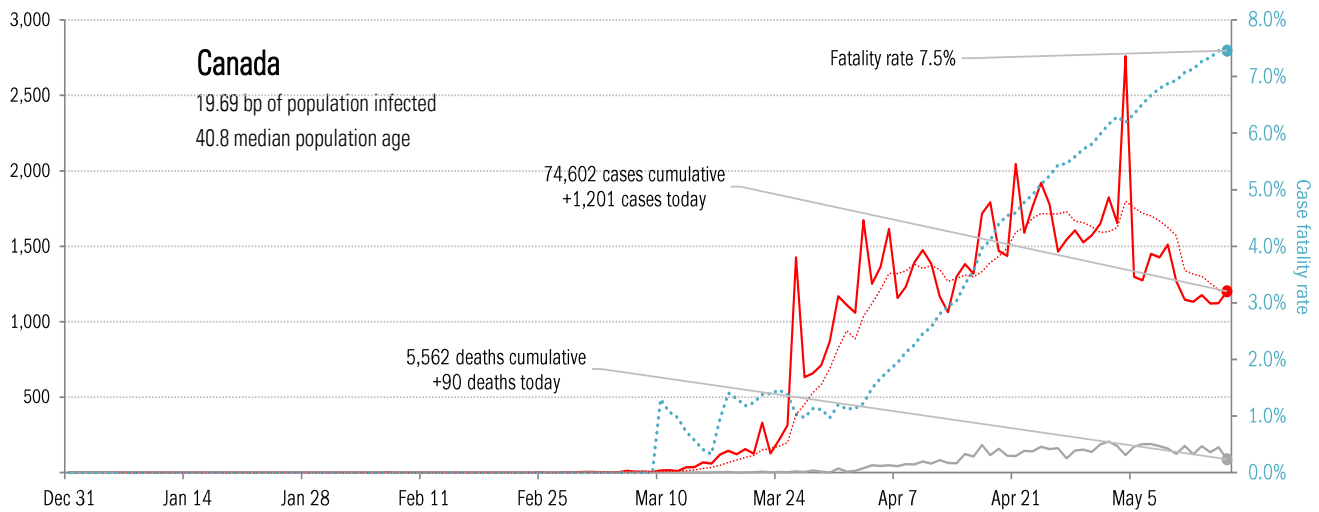
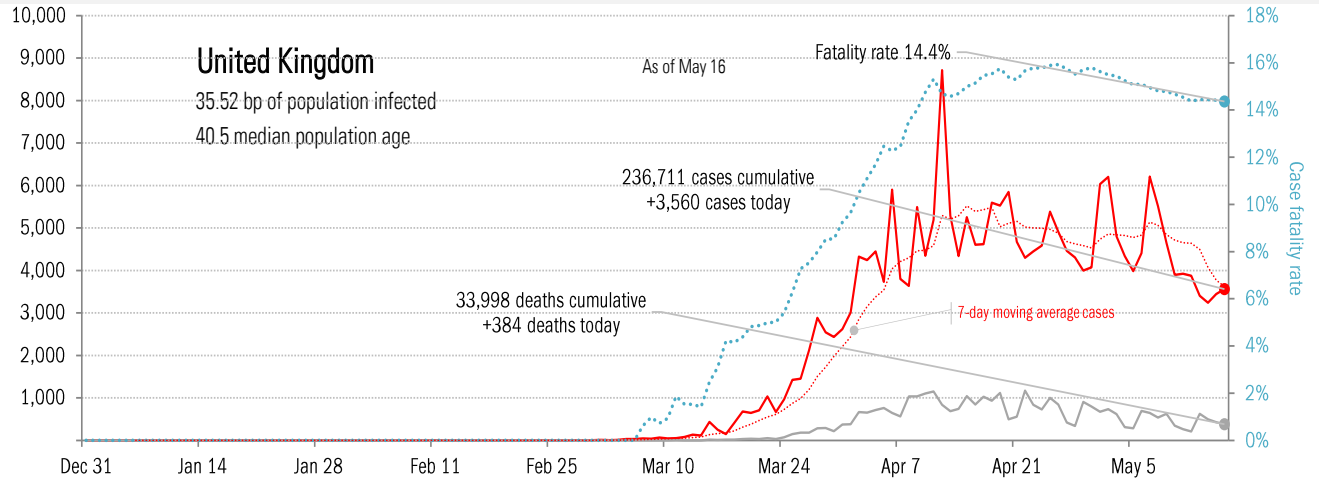
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



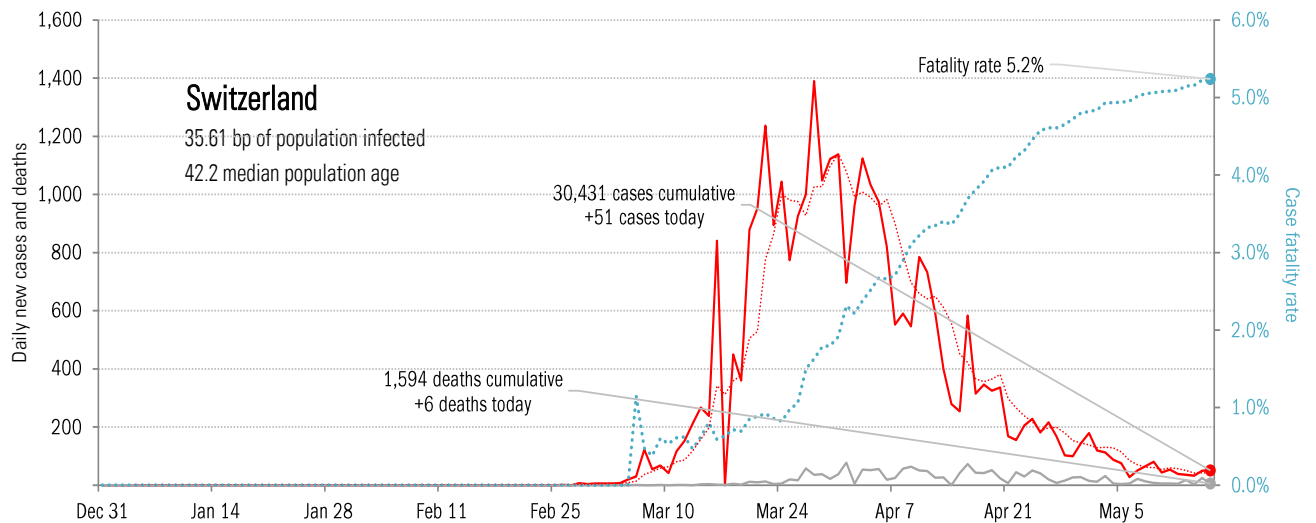
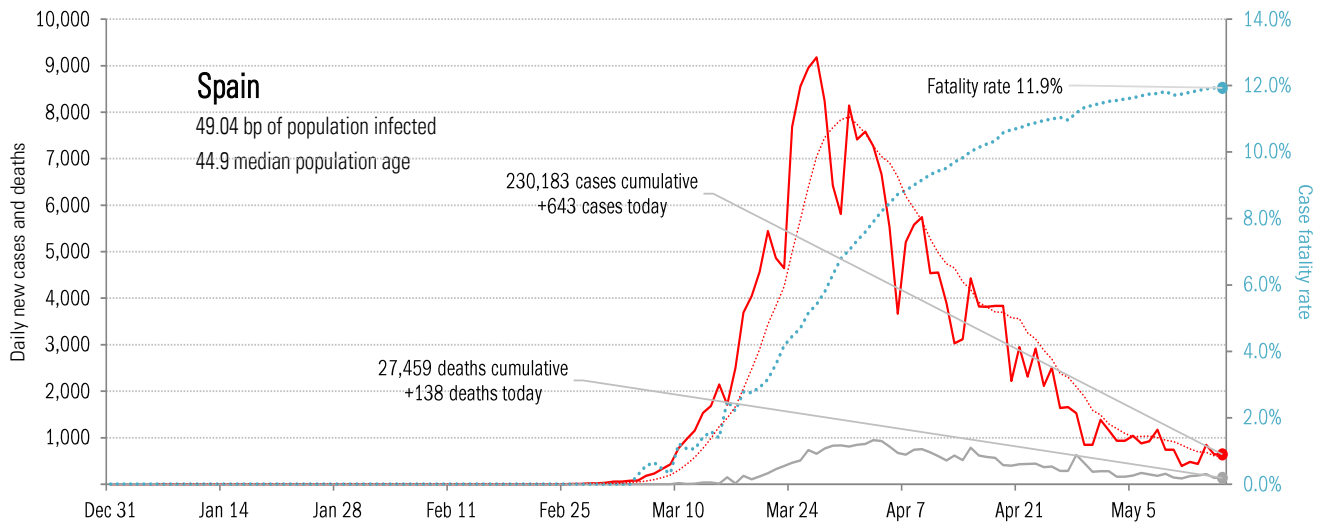
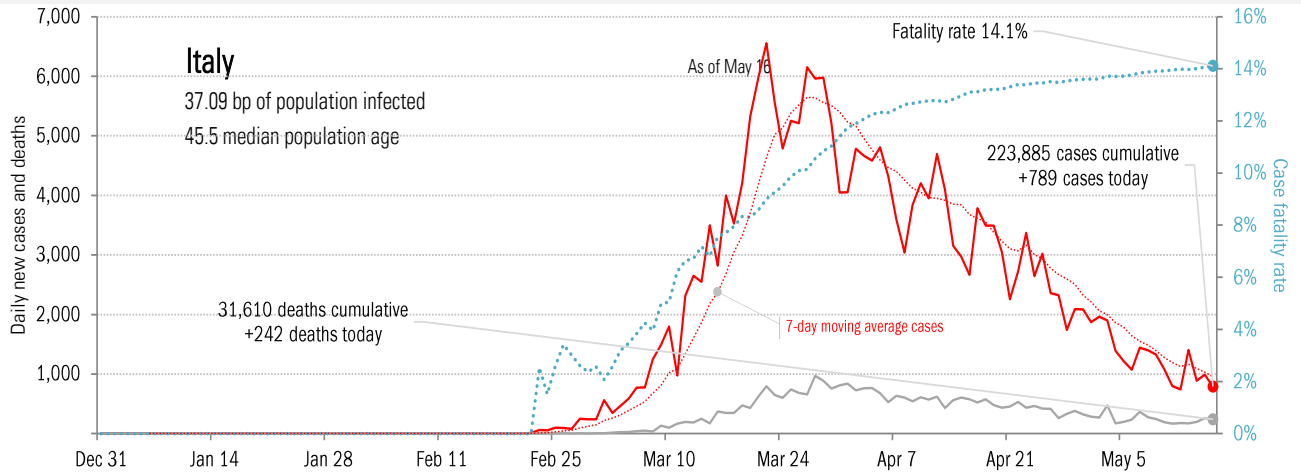
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



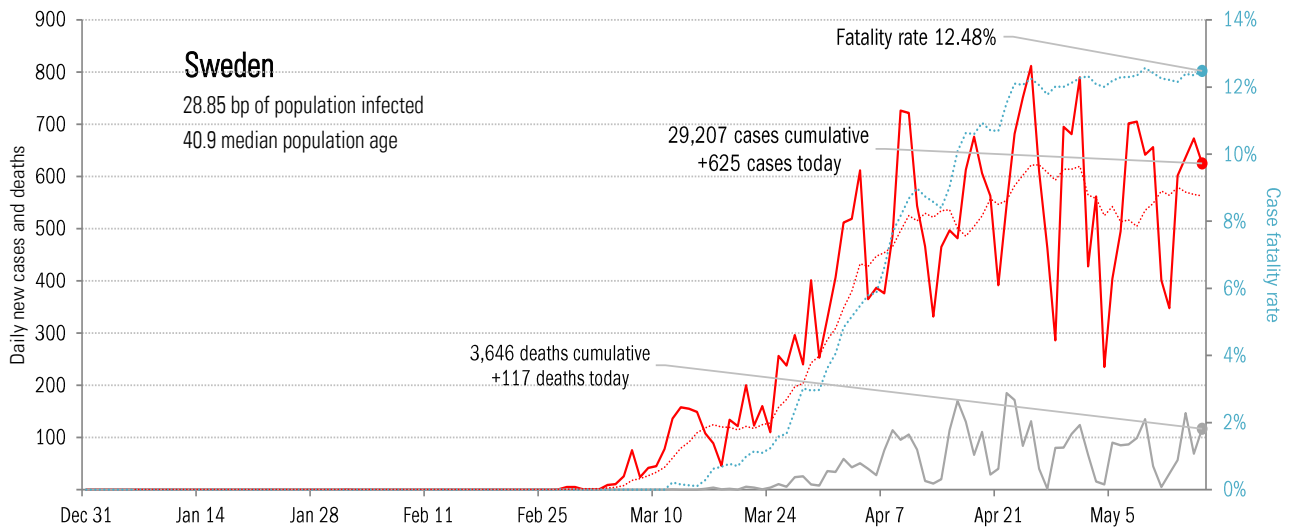
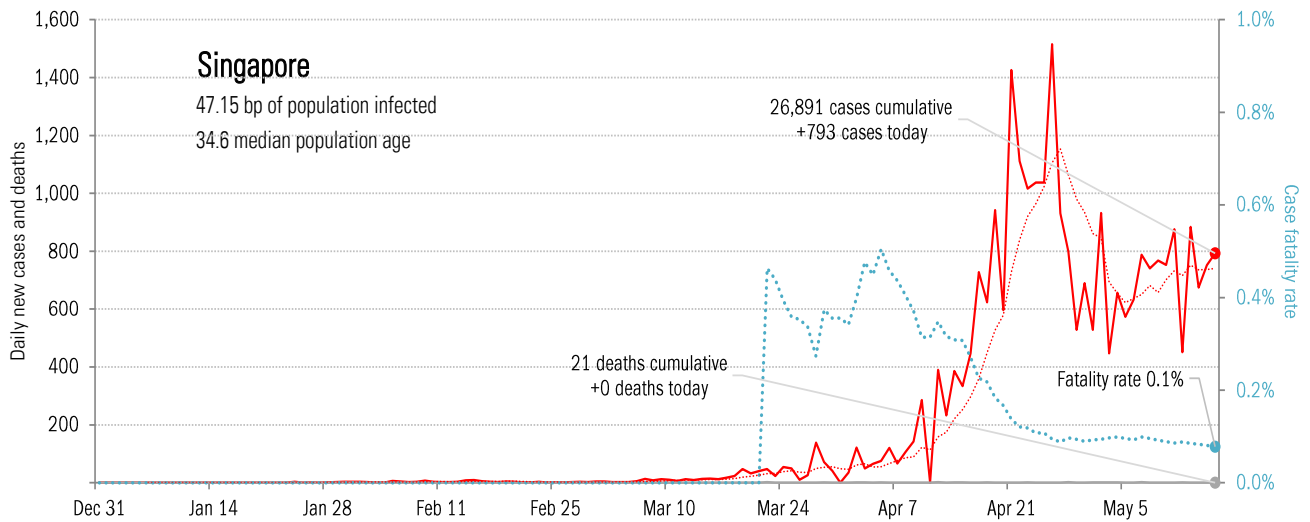
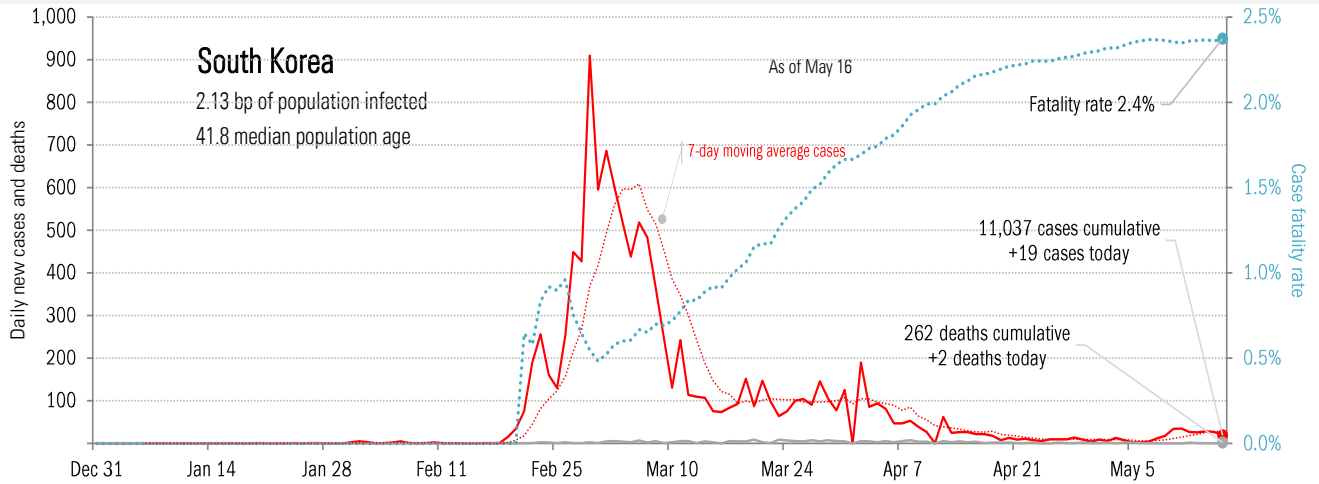
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



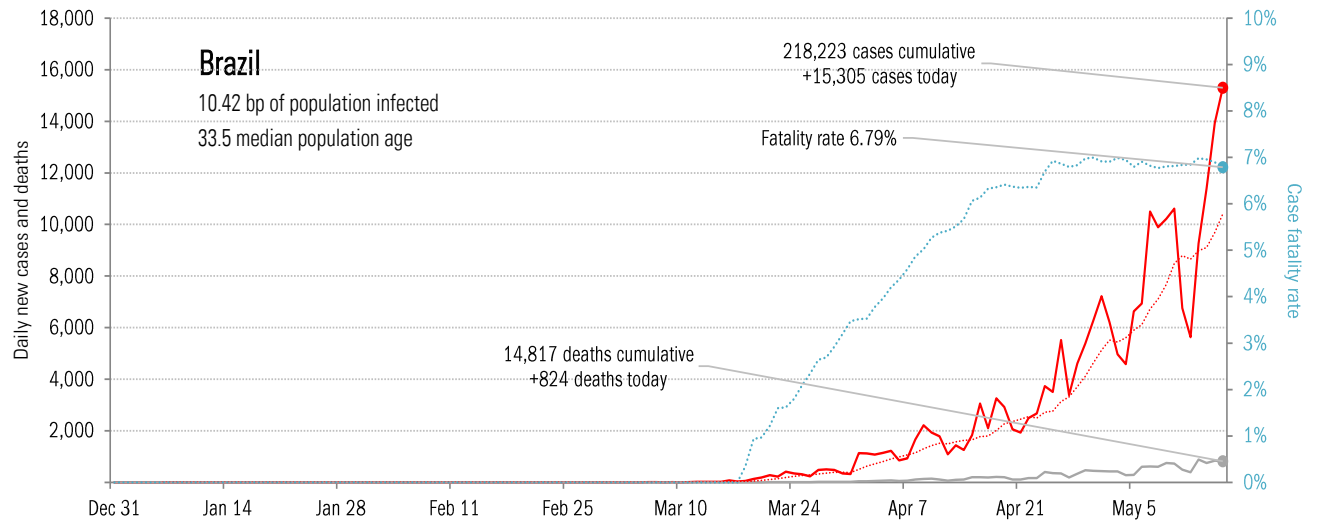
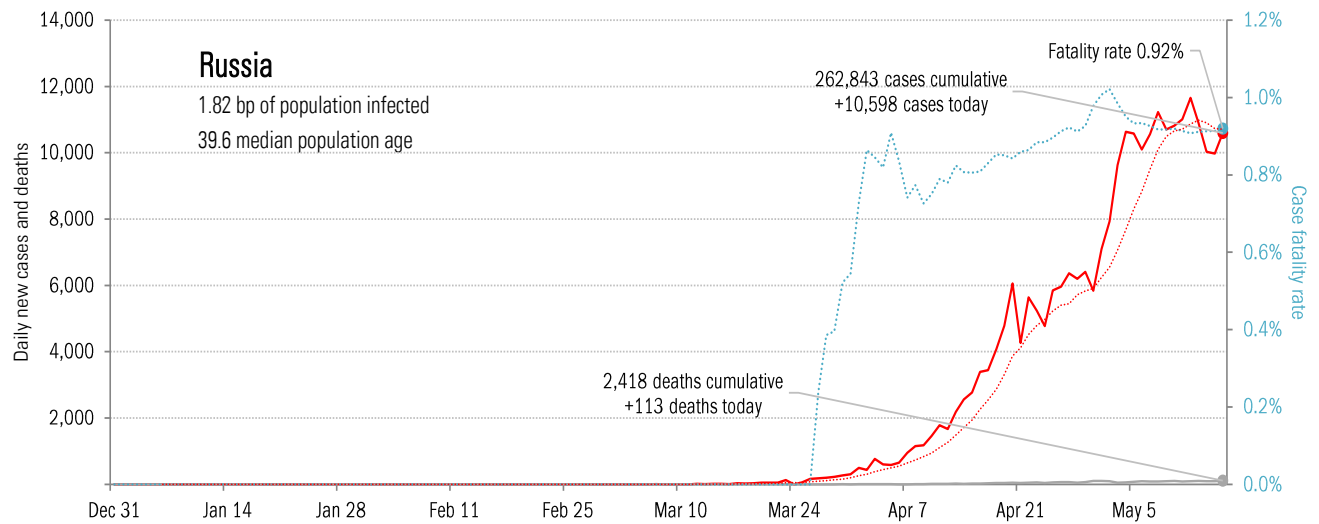
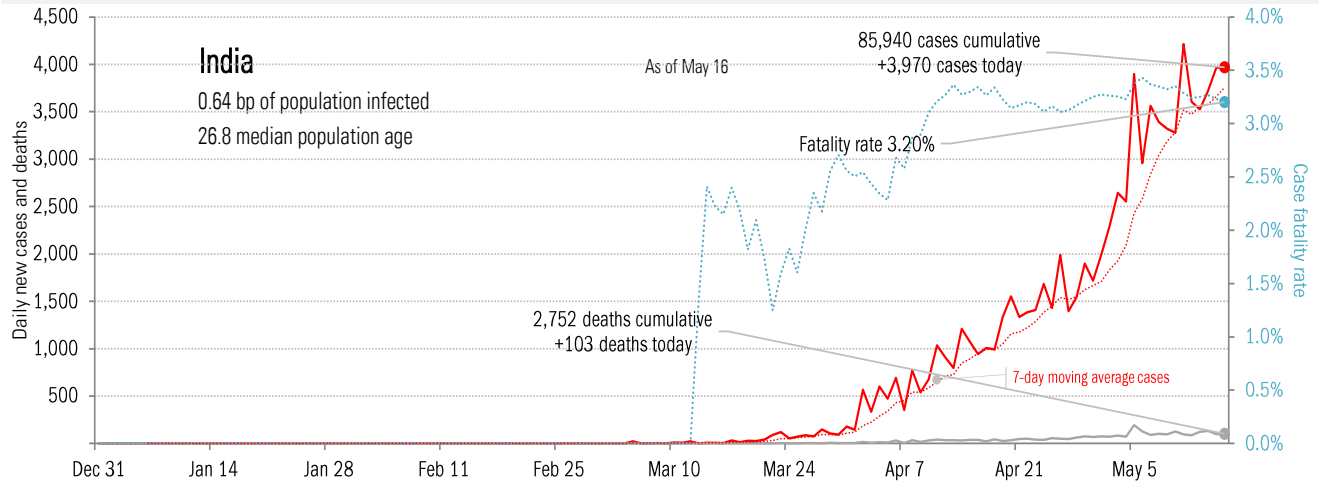
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



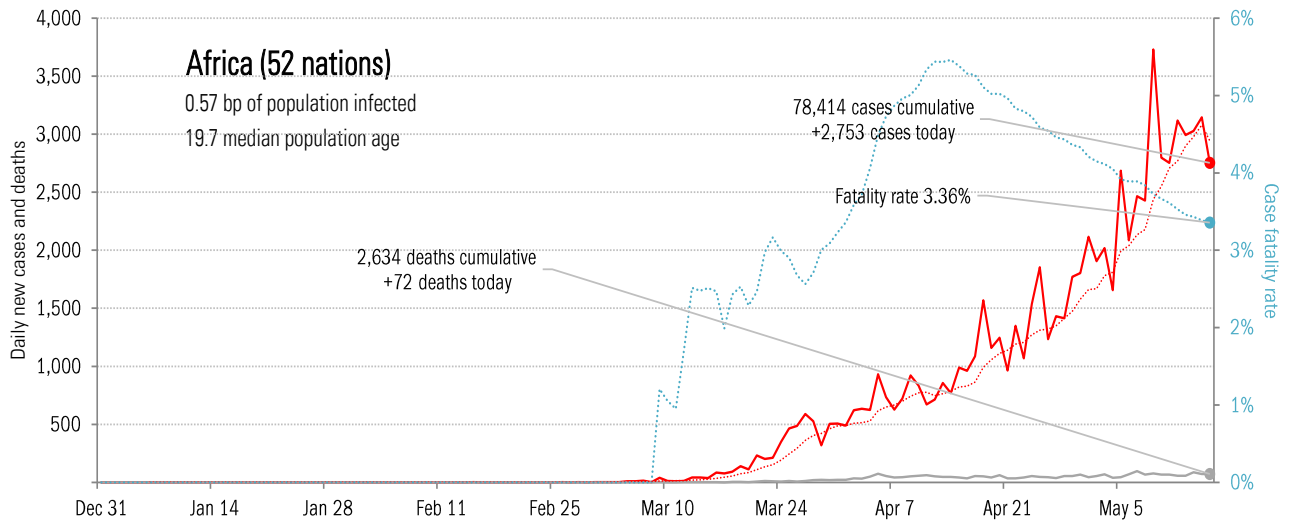
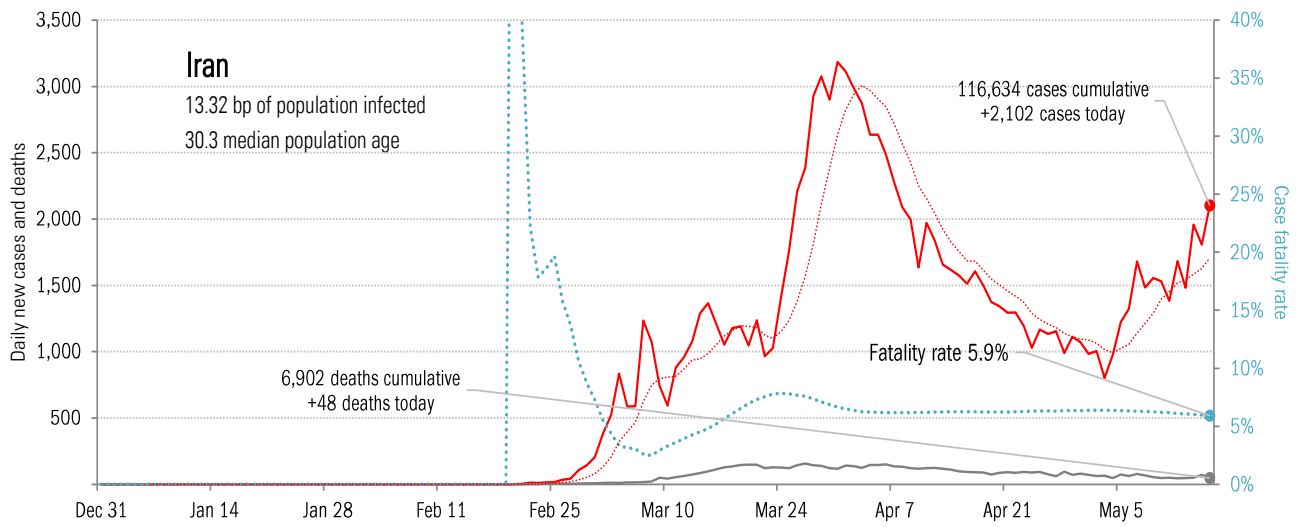
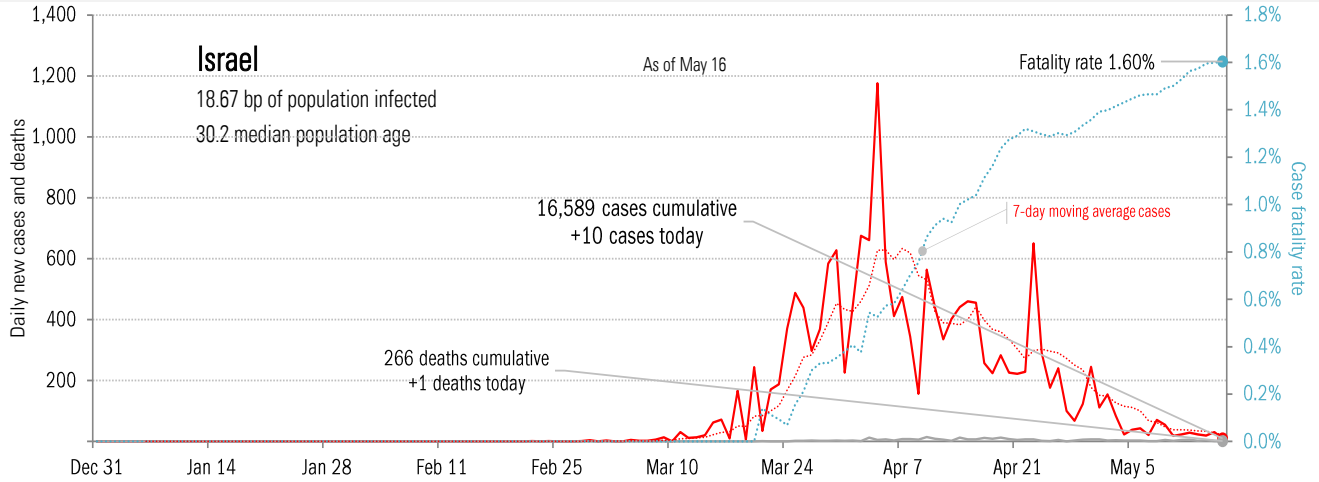
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations