

Data Insights: Covid-2019 Monitor

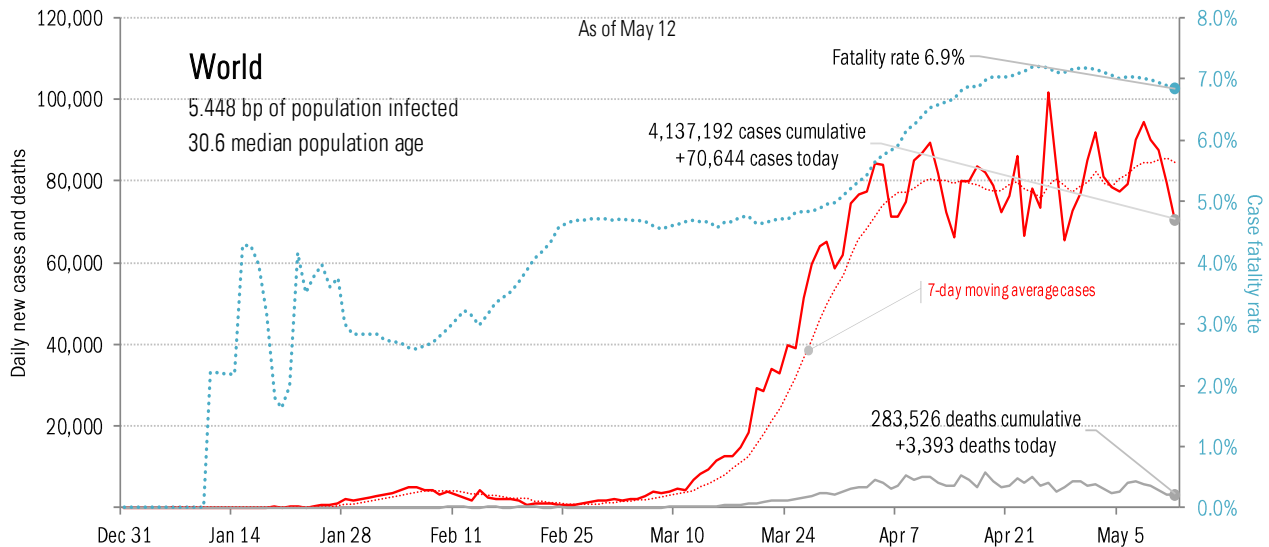
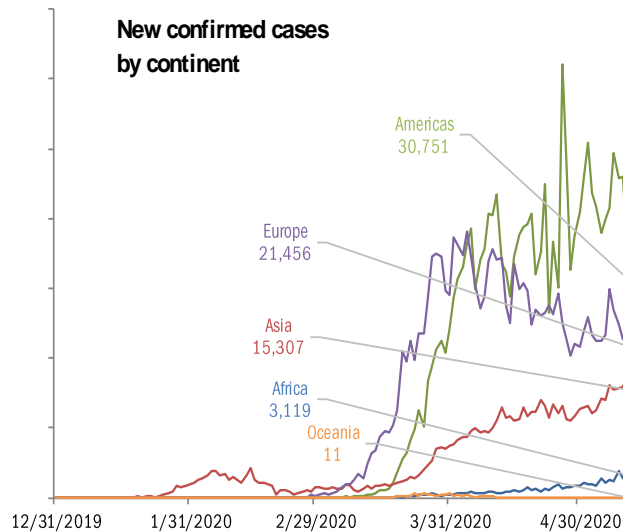
Tuesday, May 12, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+18,117	US	+1,156
Russia	+11,656	Brazil	+396
Brazil	+5,632	France	+263
UK	+3,877	UK	+210
India	+3,604	Italy	+179
Saudi	+1,966	Canada	+122
Iran	+1,683	Germany	+116
Peru	+1,515	Mexico	+108
Mexico	+1,305	Russia	+94
Chile	+1,197	India	+87
+50,552		+2,731	
World	+70,644	World	+3,393
Top ten	72%	Top ten	80%

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

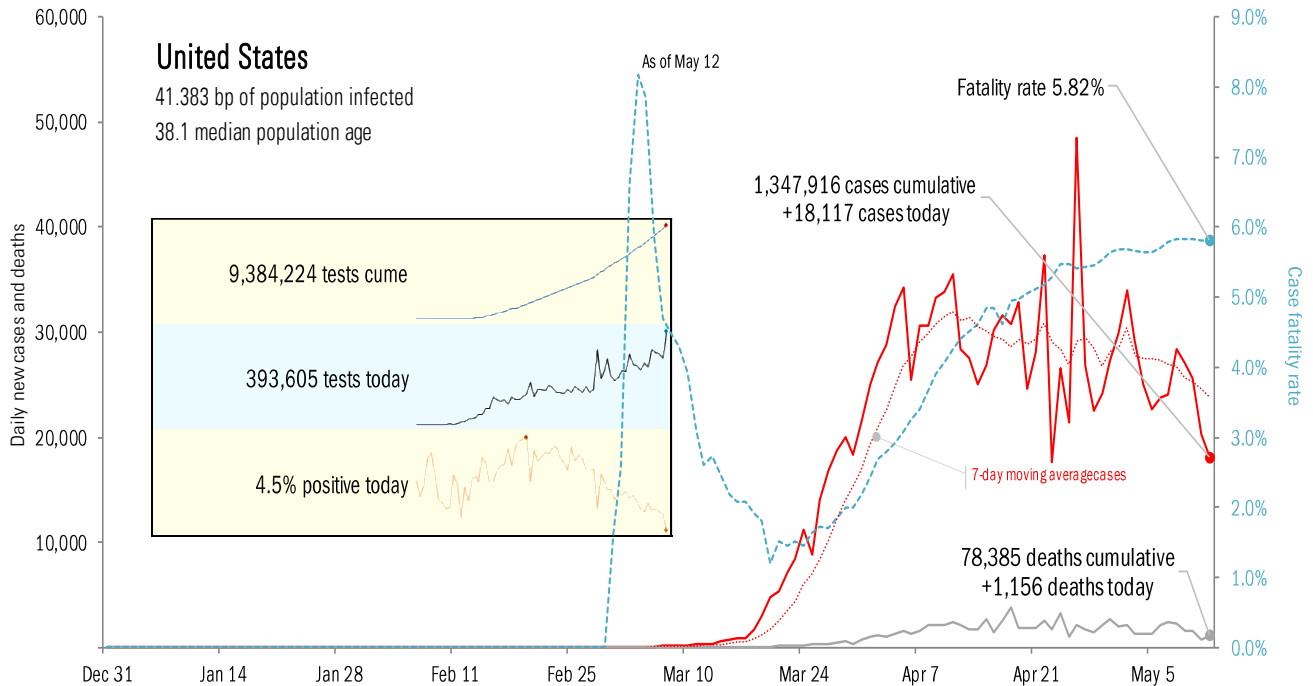
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
NY	+1,660	NY	+162	NY	+428	NY	337,055	NY	21,640	NY	73,143
NJ	+1,413	MA	+129	MD	+228	NJ	139,945	NJ	9,310	NJ	9,389
IL	+1,266	NJ	+55	MA	+115	IL	79,007	MA	5,108	MA	7,732
CA	+1,259	IL	+53	CO	+66	MA	78,462	MI	4,584	FL	7,458
TX	+1,000	CT	+41	OH	+62	CA	67,939	PA	3,731	MD	6,183
VA	+989	MD	+39	MN	+59	PA	57,154	IL	3,459	GA	6,015
MD	+786	GA	+36	FL	+54	MI	47,552	CT	3,008	VA	4,777
CH	+696	MI	+33	RI	+29	FL	40,982	CA	2,770	OH	4,413
MA	+669	IN	+32	WI	+26	TX	39,869	LA	2,308	IN	4,389
TN	+559	CA	+25	VA	+21	GA	33,927	FL	1,805	CO	3,689
+10,297		+605		+1,088		921,892		57,723		127,188	
All states	+17,605	All states	+837	All states	+1,201	All states	1,340,412	All states	75,107	All states	145,981
Top ten	58%	Top ten	72%	Top ten	91%	Top ten	69%	Top ten	77%	Top ten	87%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CA	-860	NJ	-84	KY	-61	NC	+9,115
PA	-752	NY	-45	NY	-32	LA	+2,292
NY	-613	CA	-42	FL	-25	MS	+1,847
GA	-423	TX	-27	KS	-19	TX	+691
IL	-390	MA	-10	VA	-18	MN	+654



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

Recommended reading

[‘Wolf warrior’ diplomats reveal China’s ambitions](#)

Kathrin Hille
Financial Times
May 12, 2020

[The Office Is Dead](#)

Courtney Rubin
Medium
May 11, 2020

[Medical Lockdown Will Cause a Disease Surge](#)

Jeff LeBenger and Mike Meyer
Wall Street Journal
May 11, 2020

[Coronavirus: Is the government really ‘following the science’?](#)

BBC Newsnight
May 7, 2020

[Live Animal Markets Should Be Improved Not Outlawed, Say WHO](#)

Associated Press
May 8, 2020

[Lockdown Mutiny Brews in California After Gov Blames Nail Salon for Spreading COVID-19](#)

Tarpley Hitt
Daily Beast
May 9, 2020

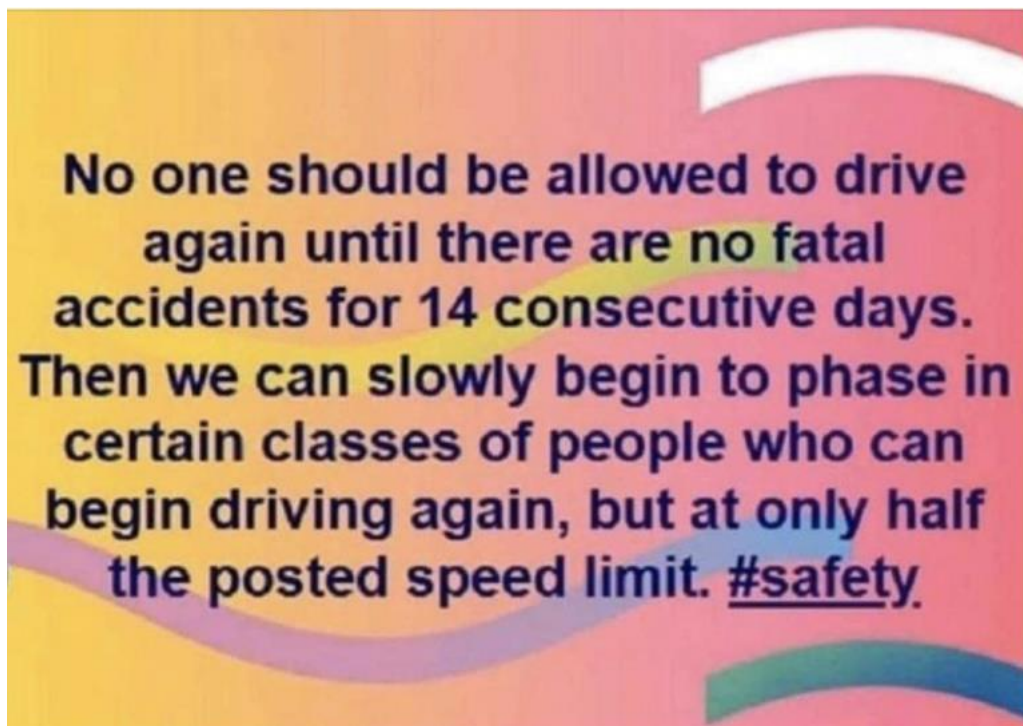
[Colorado restaurant illegally reopens with no social distancing and hundreds of customers](#)

Meagan Flynn
Washington Post
May 11, 2020

[Report says cellphone data suggests October shutdown at Wuhan lab, but experts are skeptical](#)

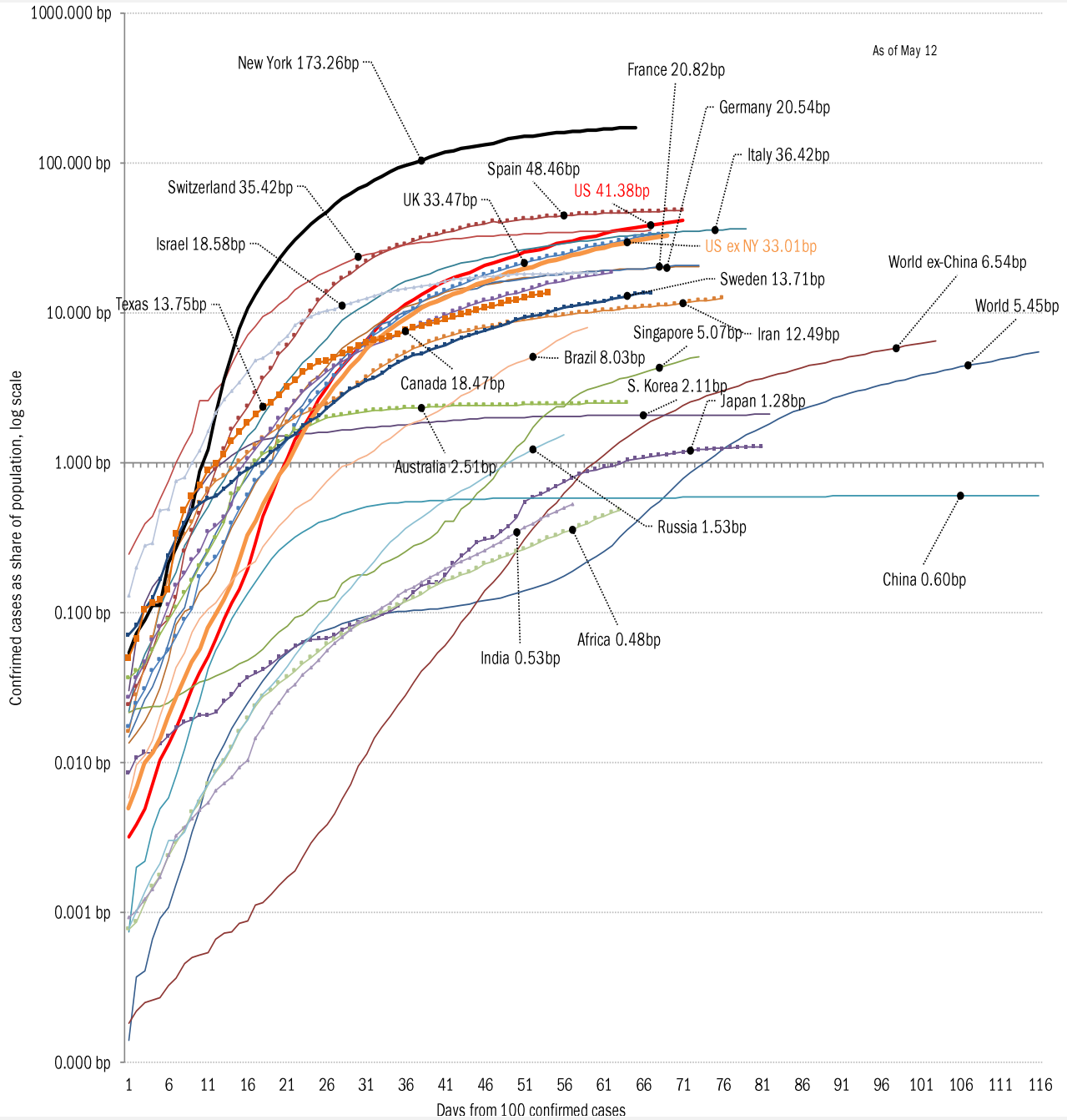
Hector Retamal
AFP
May 8, 2020

Meme of the day



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

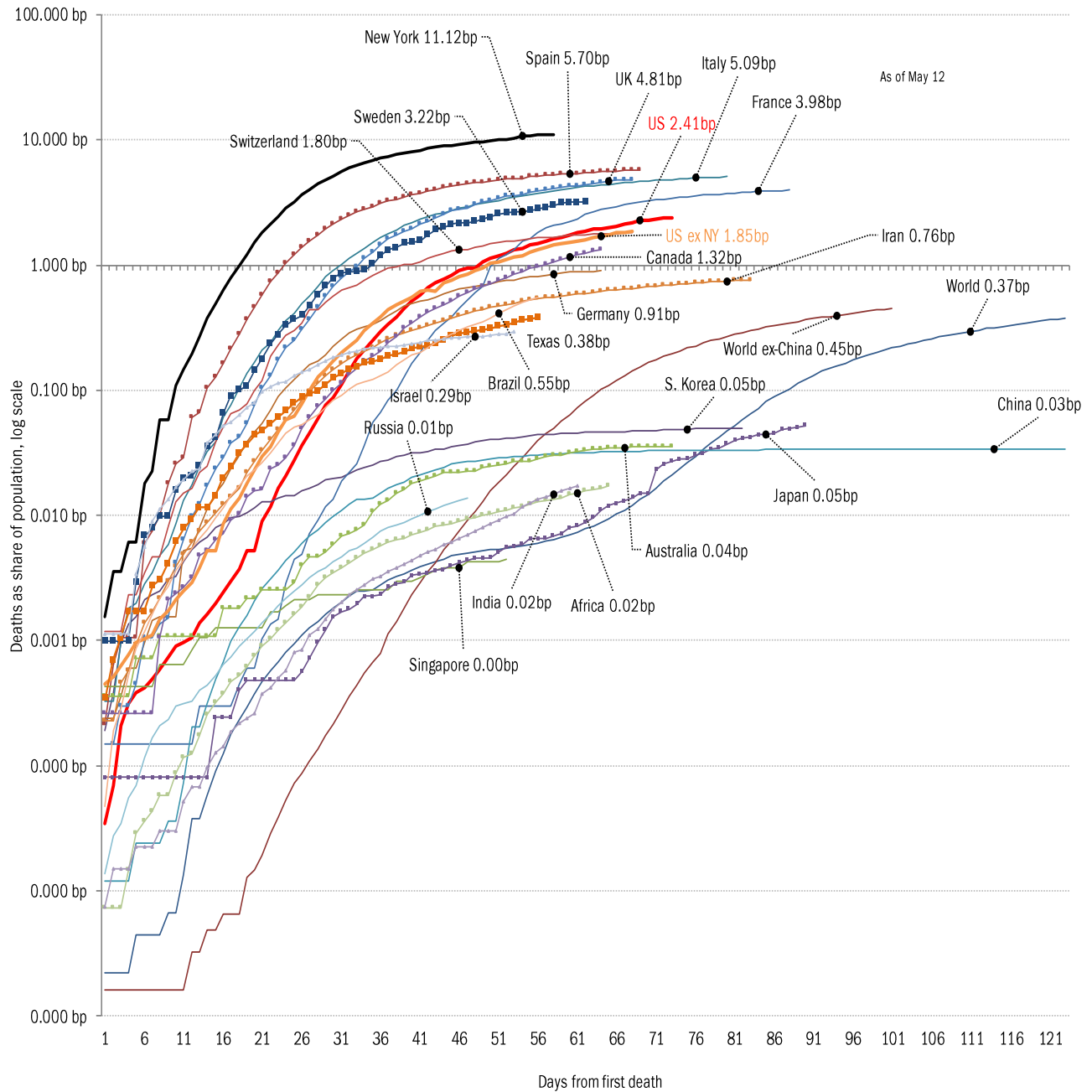
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

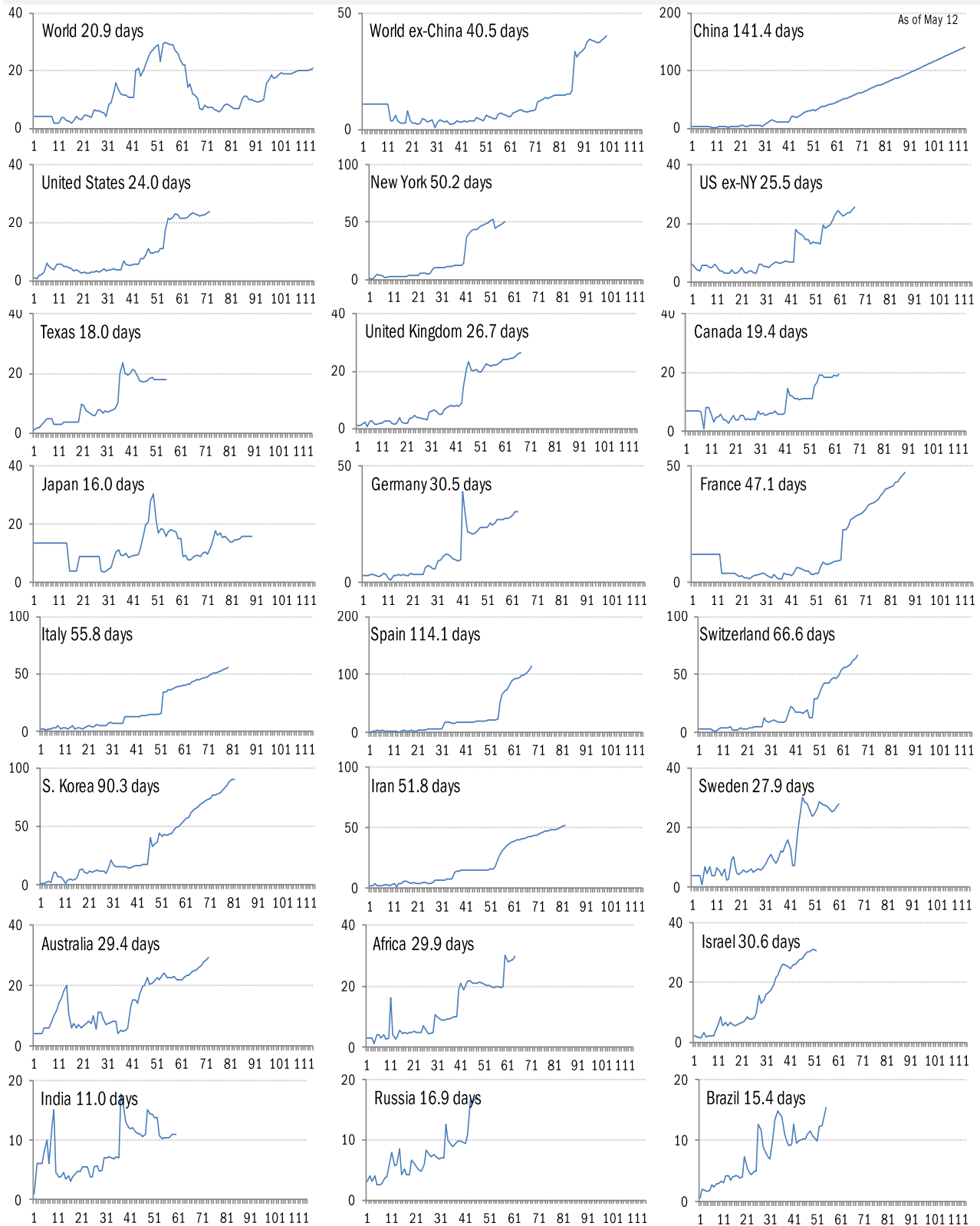
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

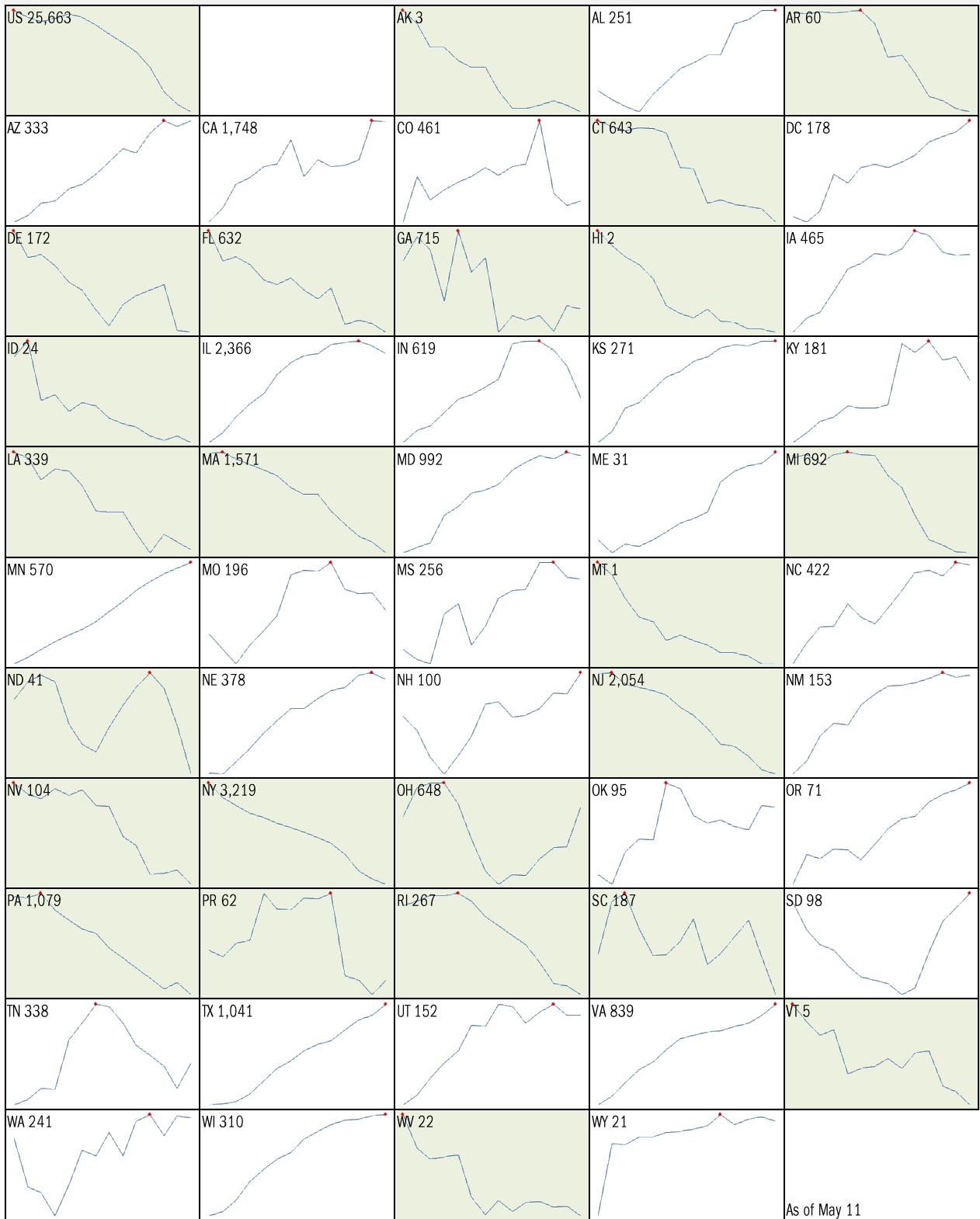
Our most reliable evidence of slowing the Moore's law of Covid-19

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



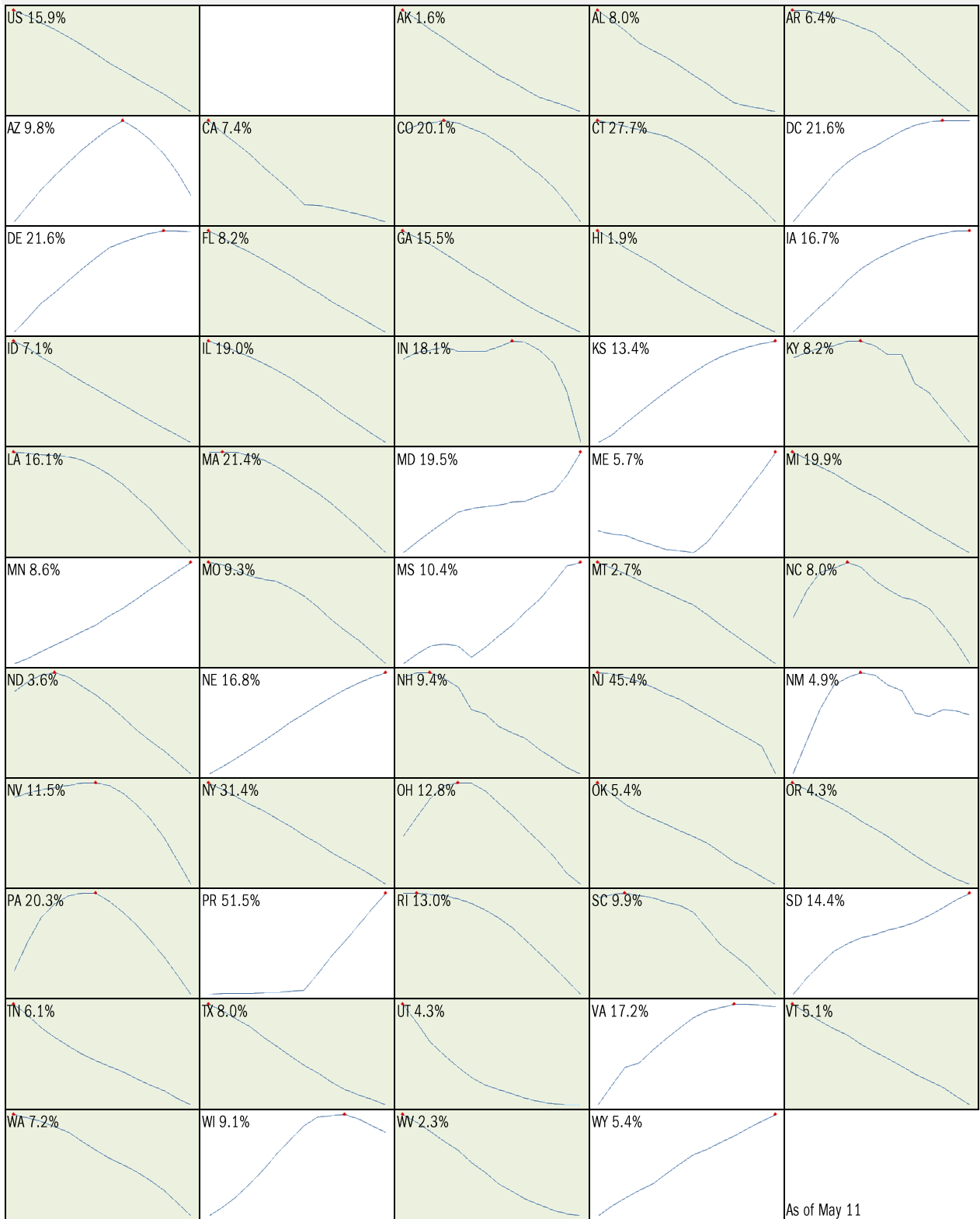
Source: [ECDC](#), TrendMacro calculations

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



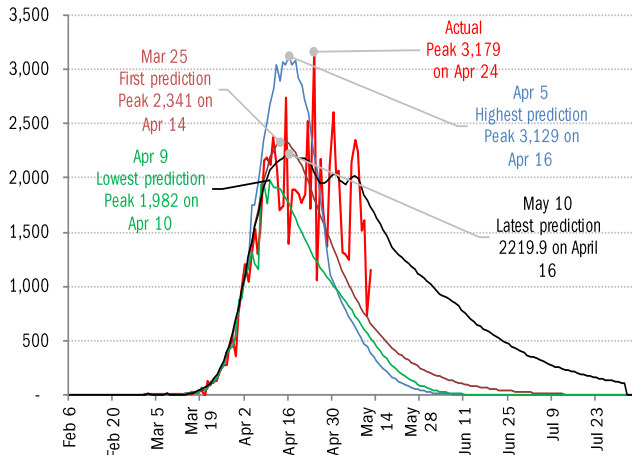
Source: [Covid Tracking Project](#), TrendMacro calculations

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

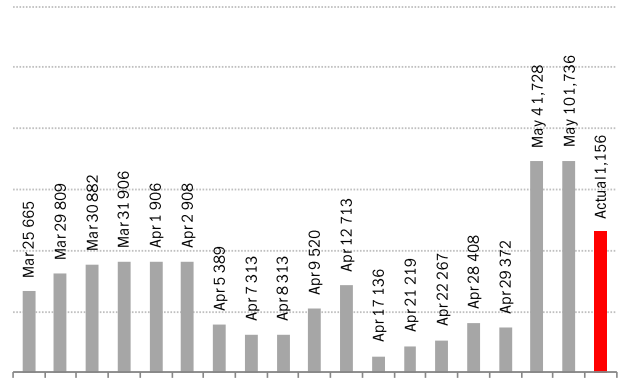
New daily fatalities

As of May 12

Actual versus first, highest and latest model mean predictions

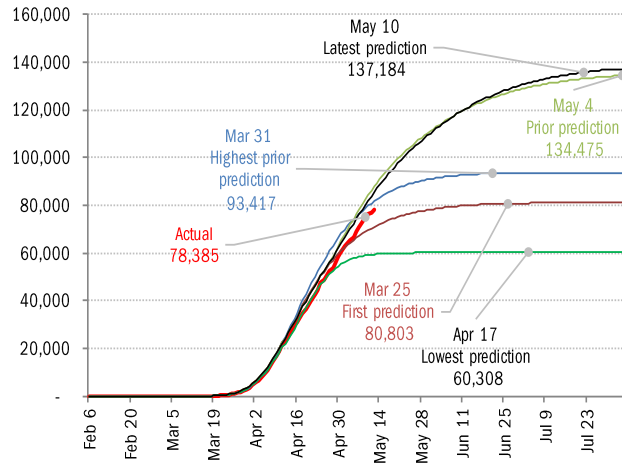


For this day, versus all model mean predictions

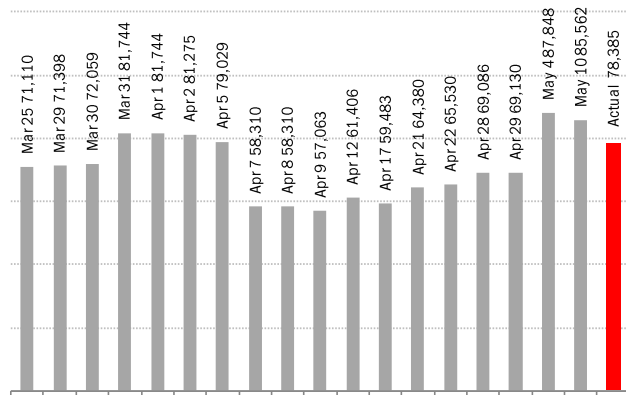


Cumulative fatalities

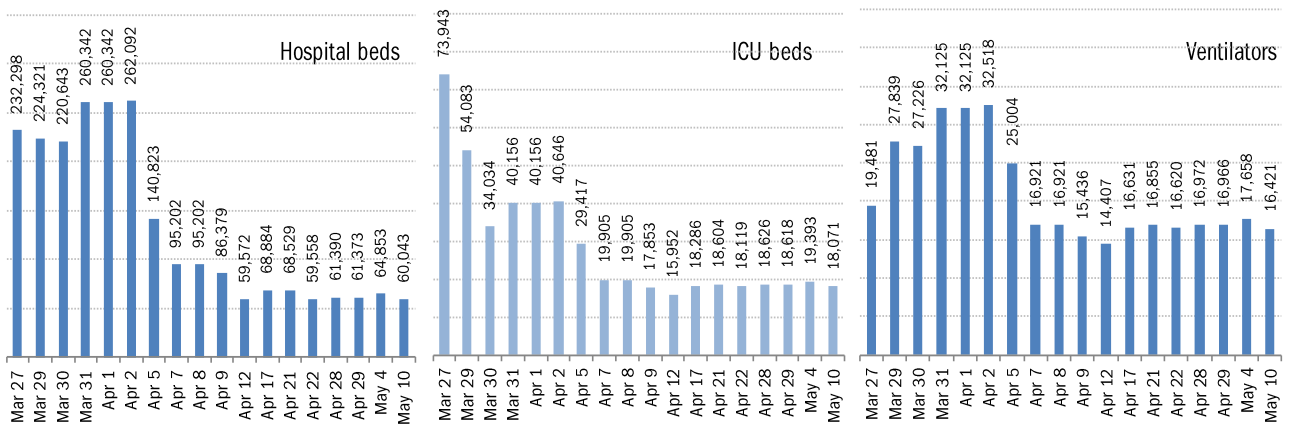
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

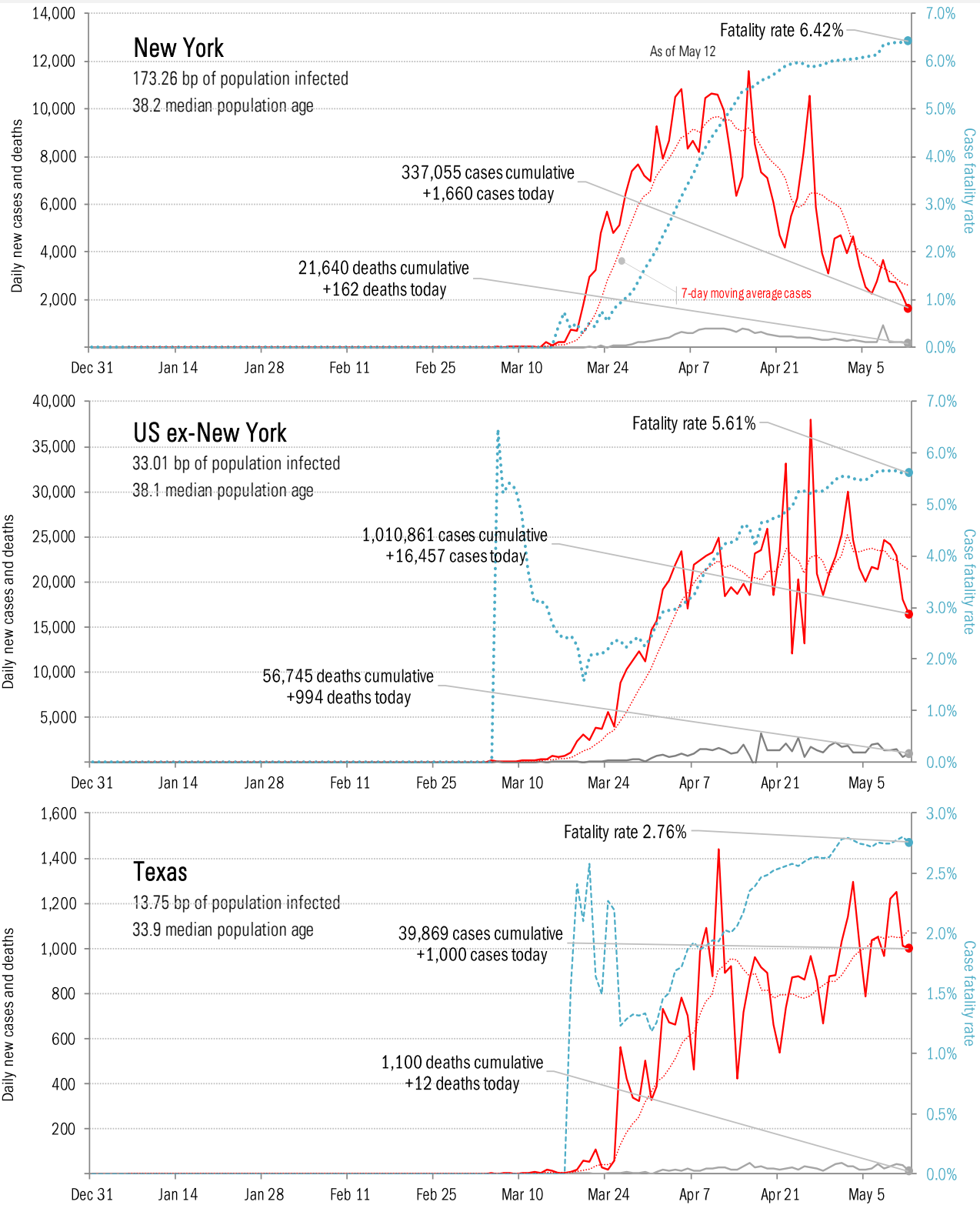


Healthcare system stress, peak estimated at each model revision



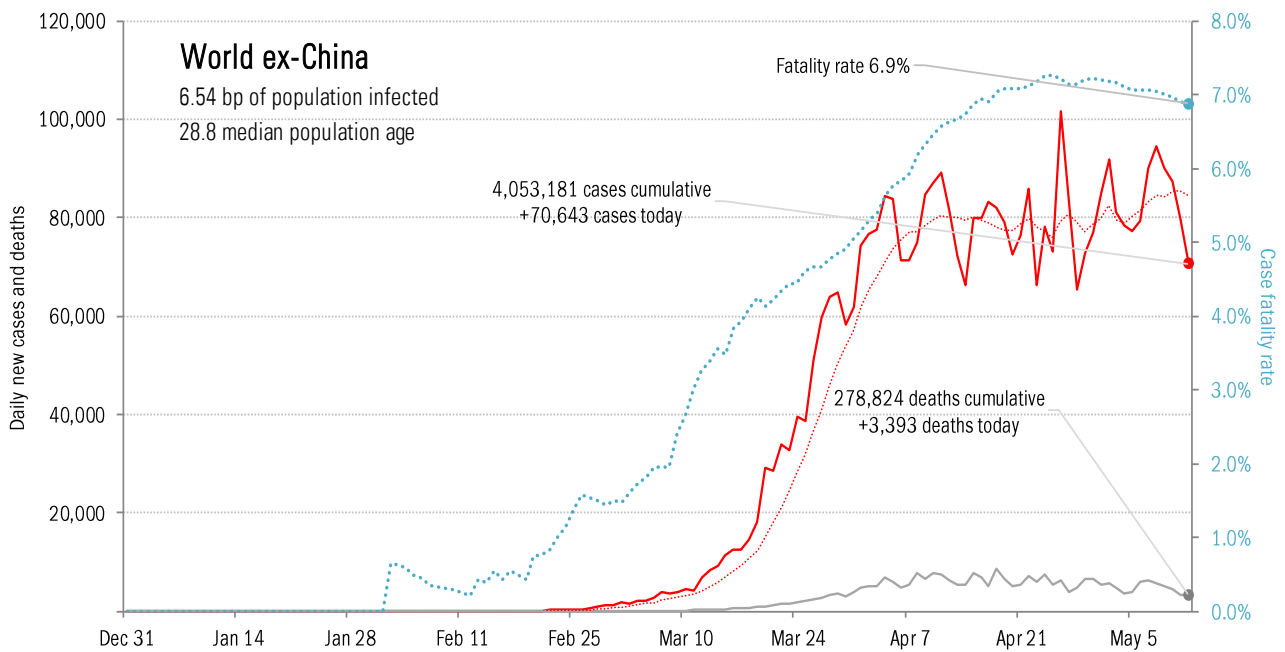
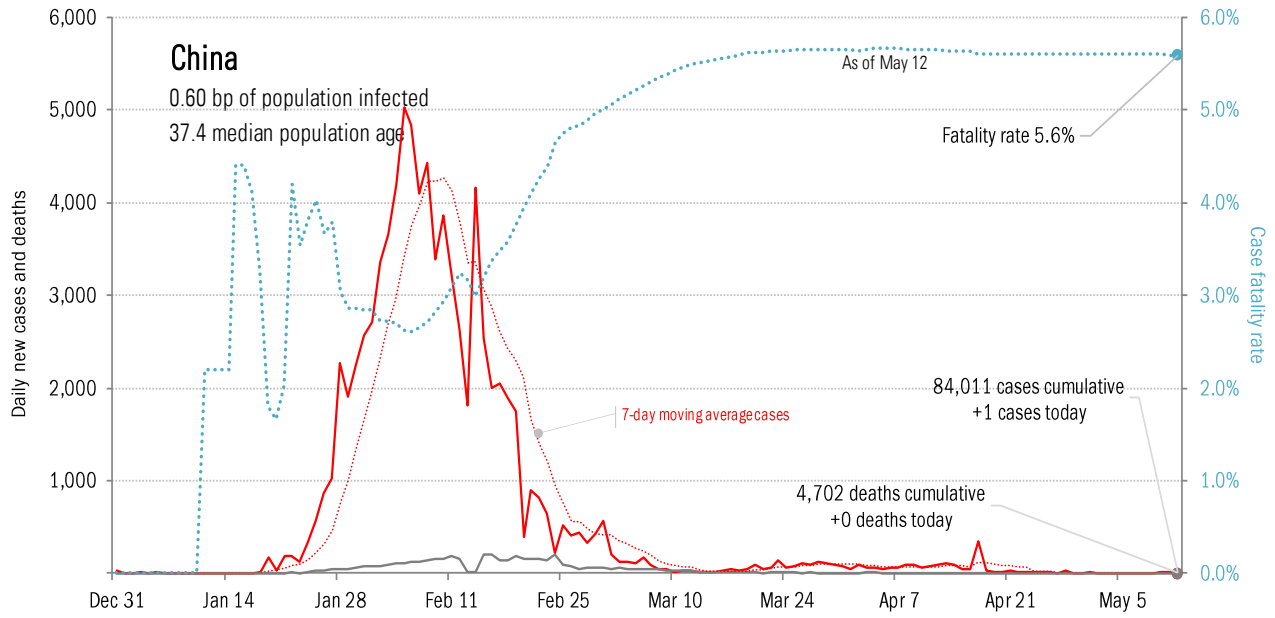
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



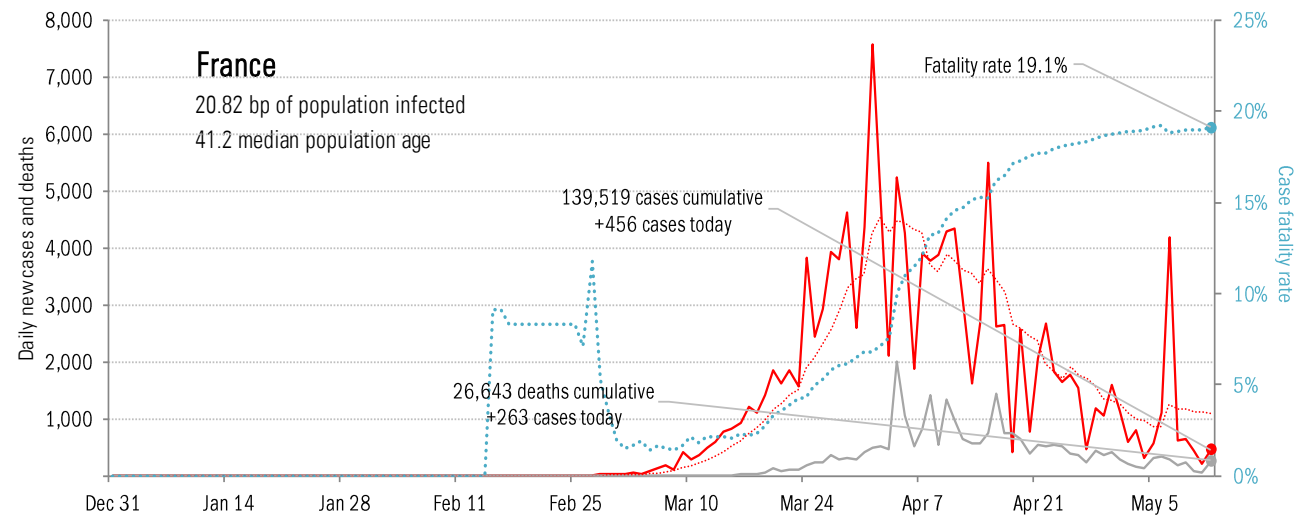
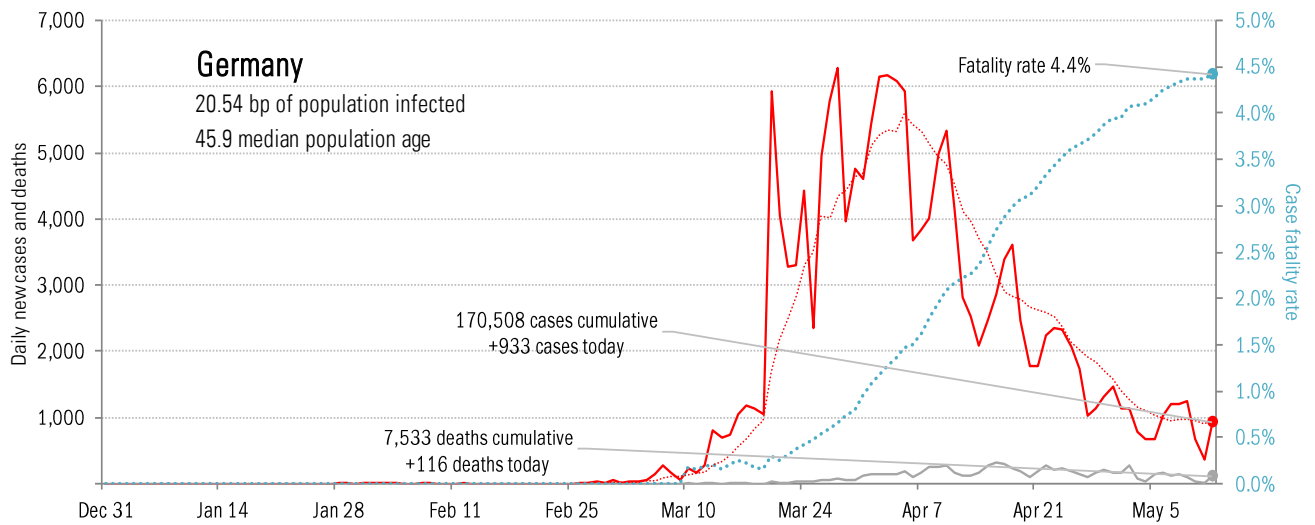
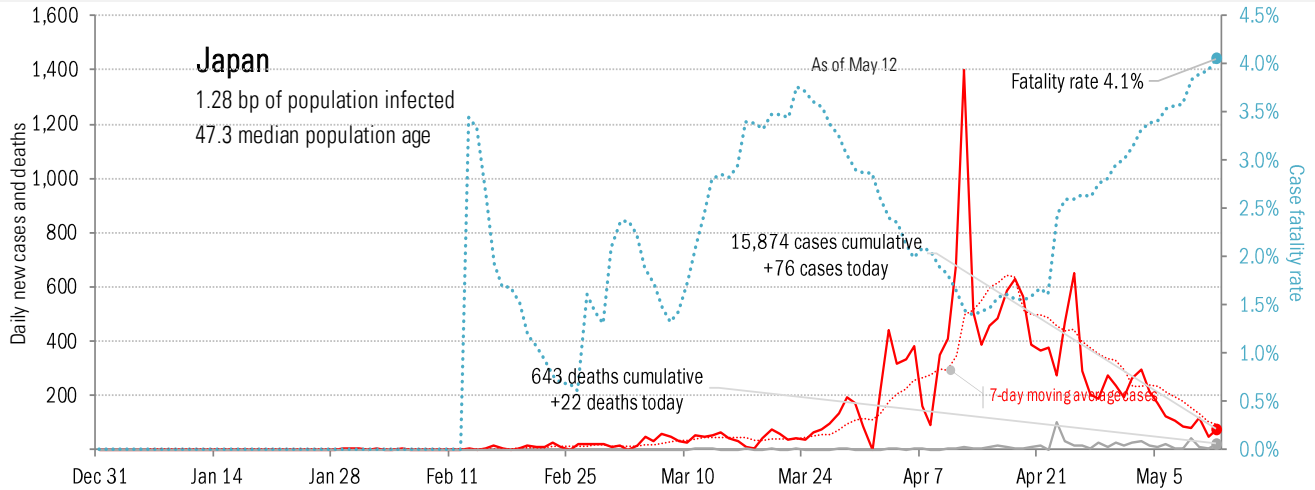
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



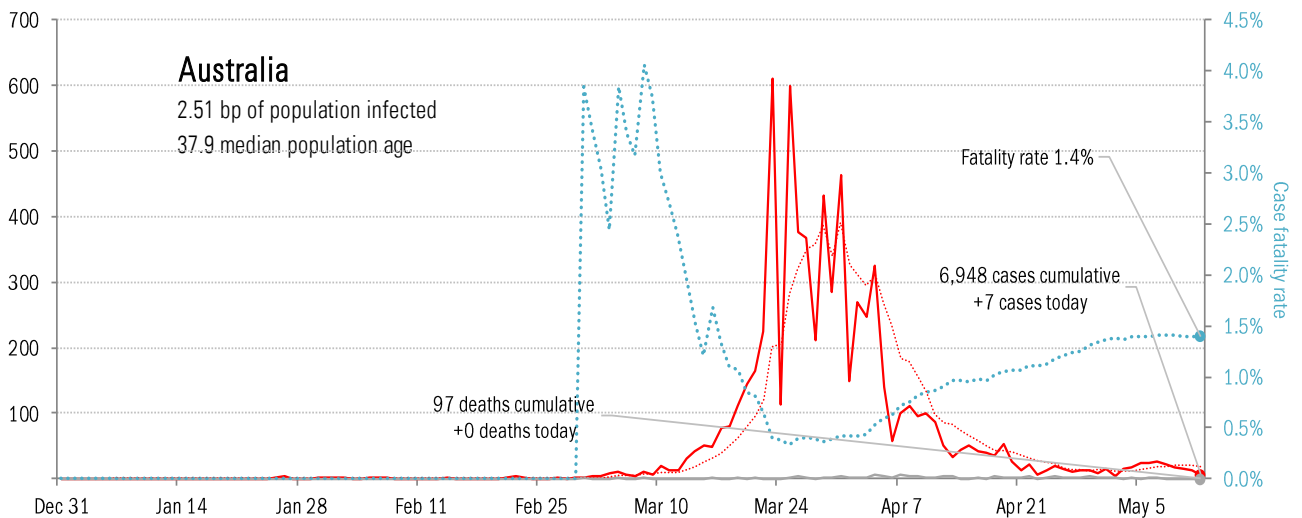
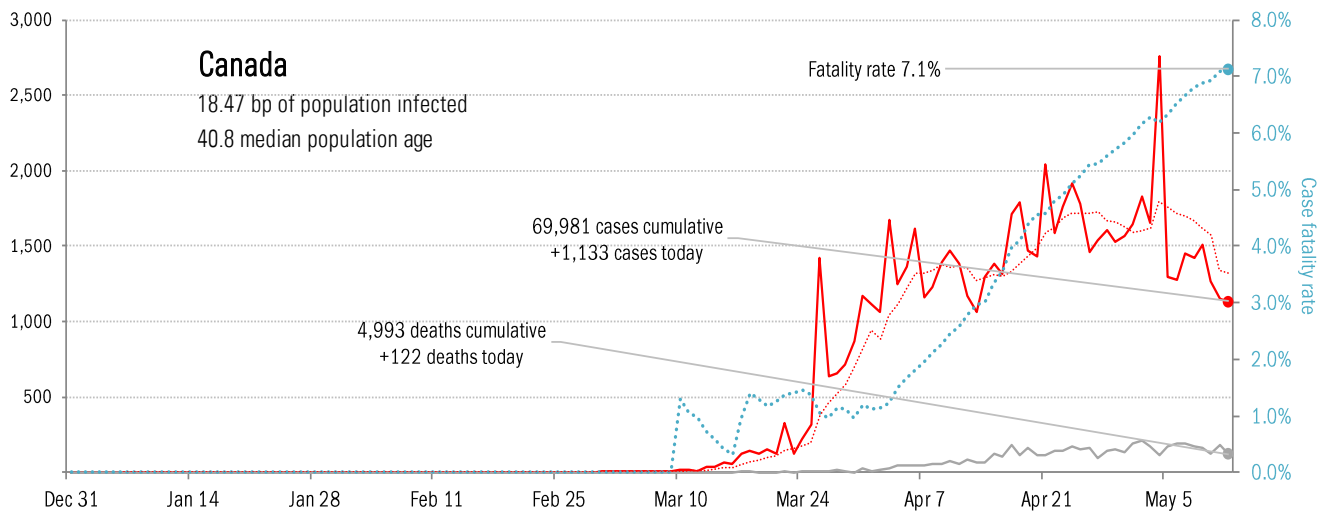
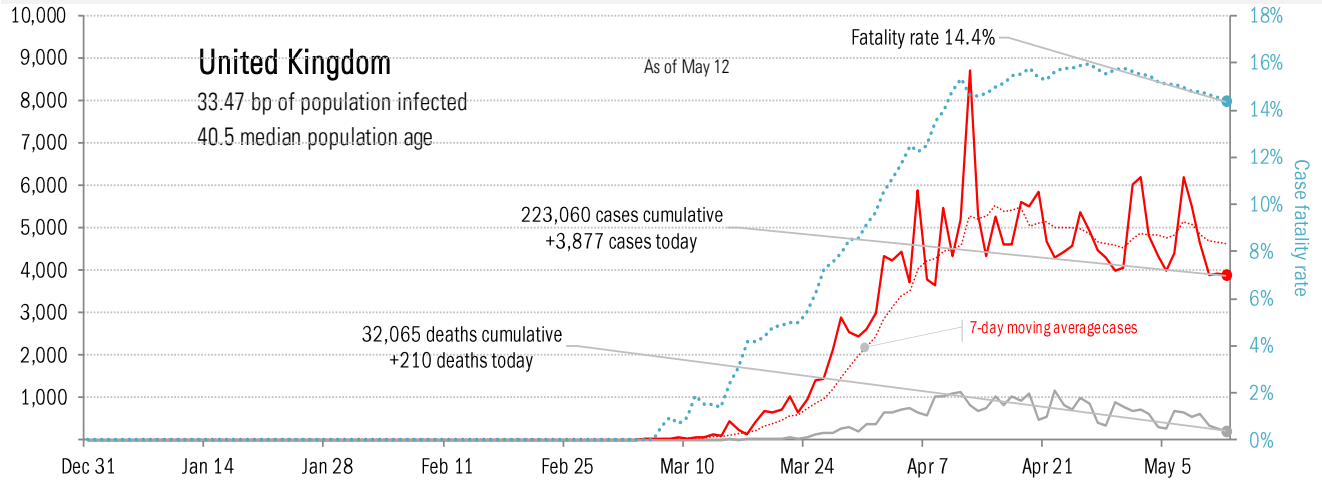
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



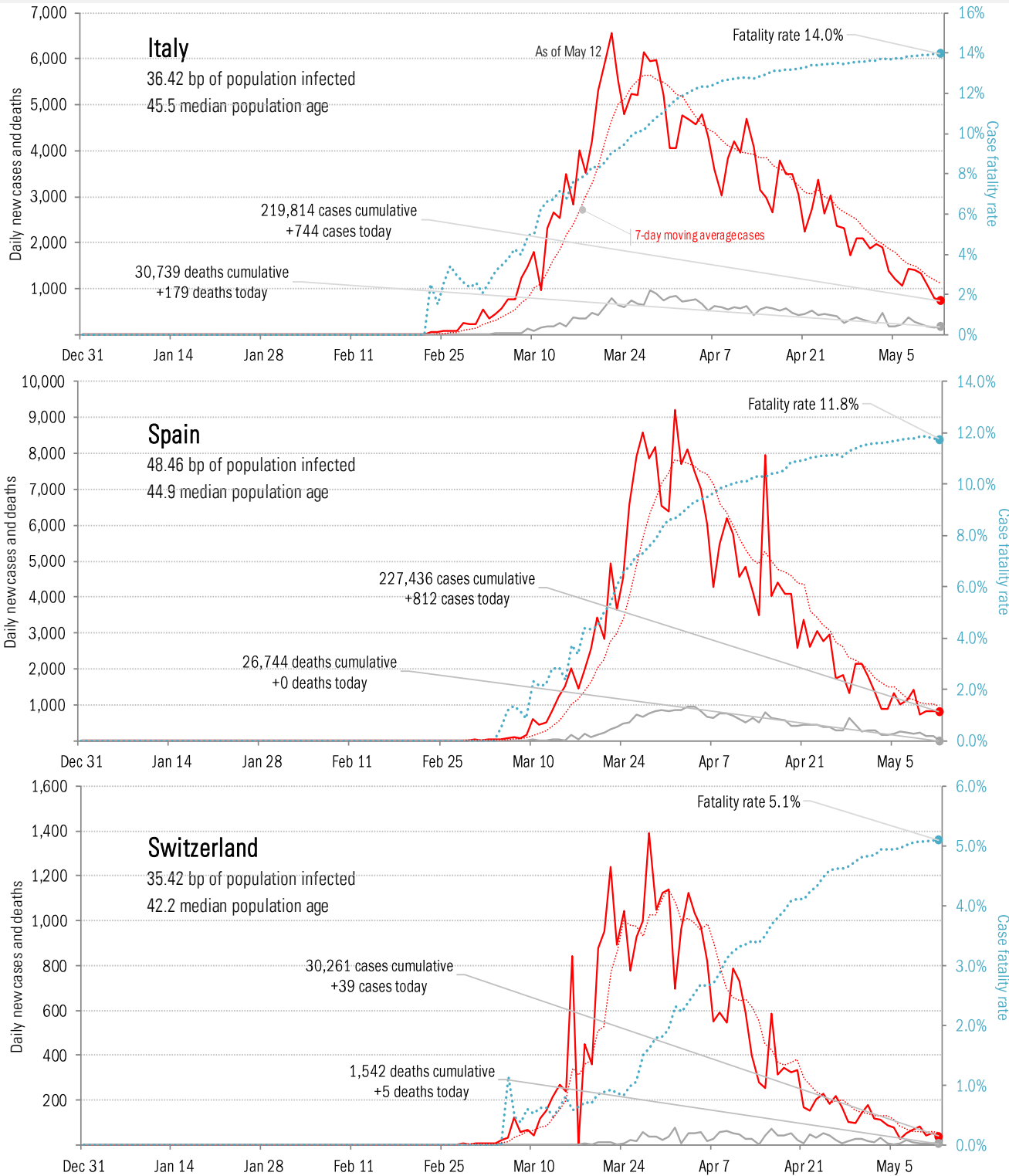
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



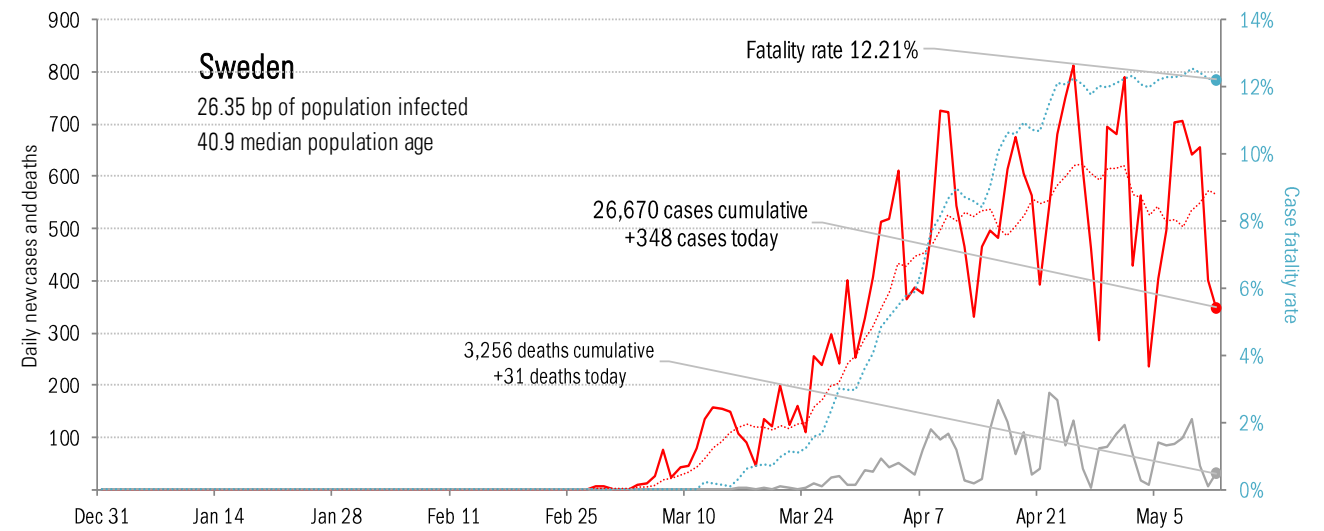
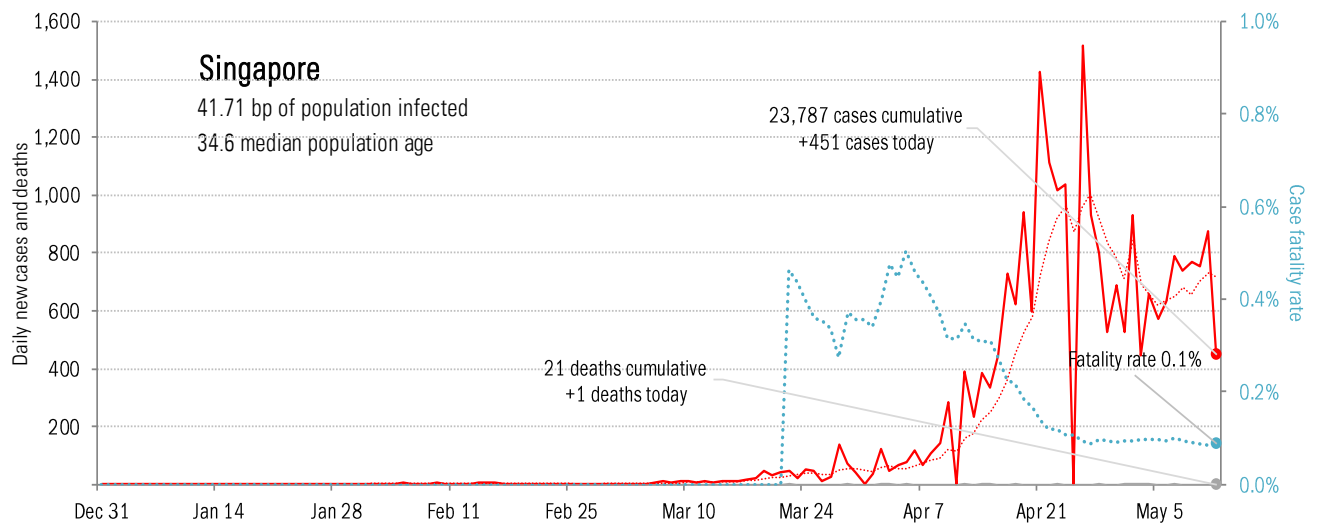
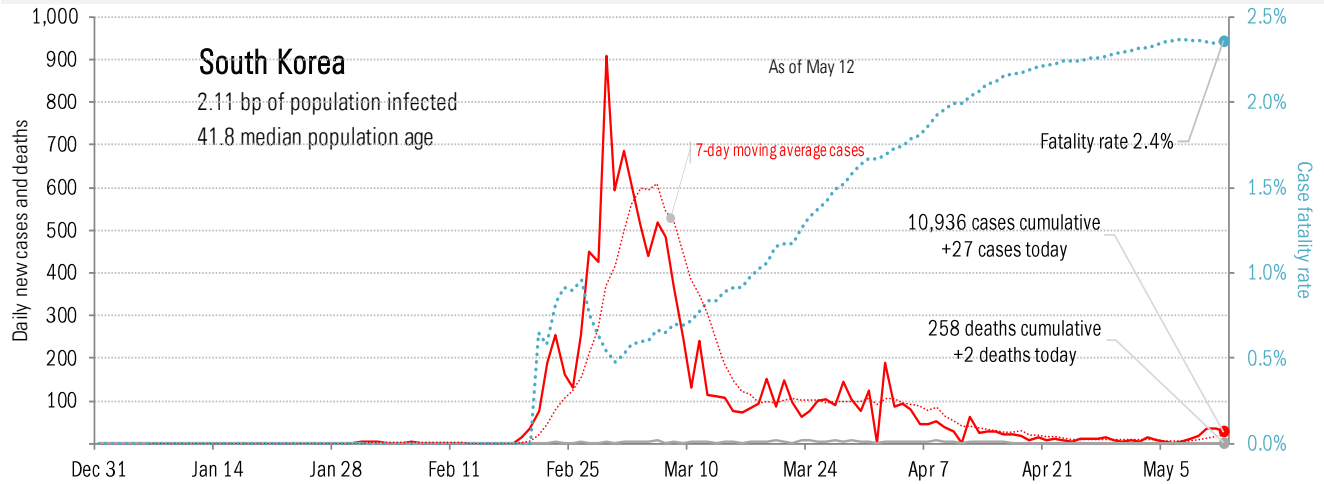
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



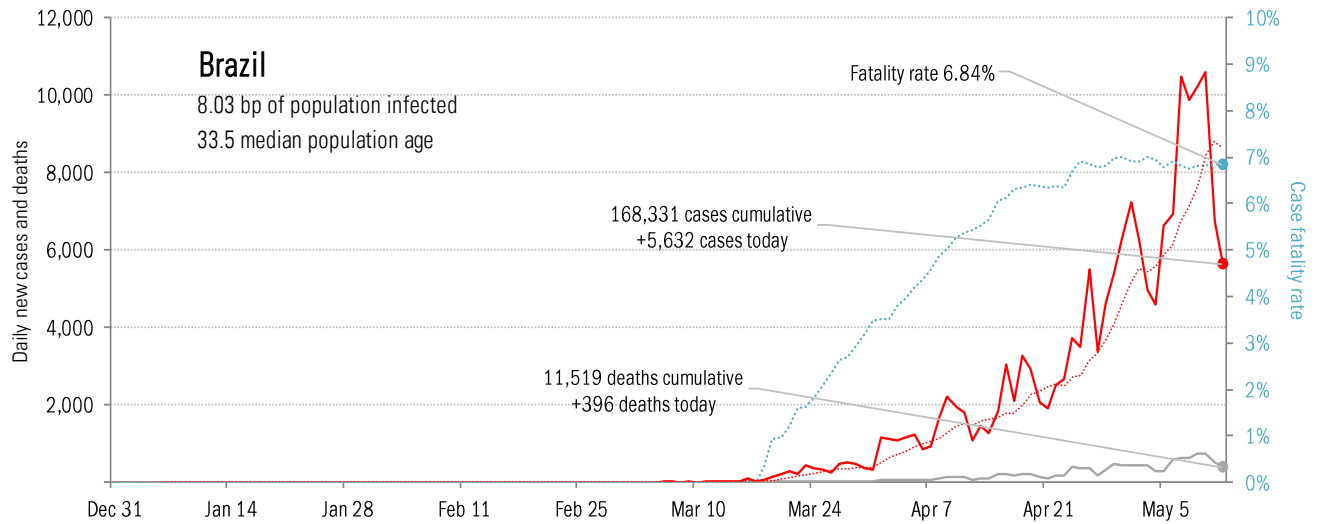
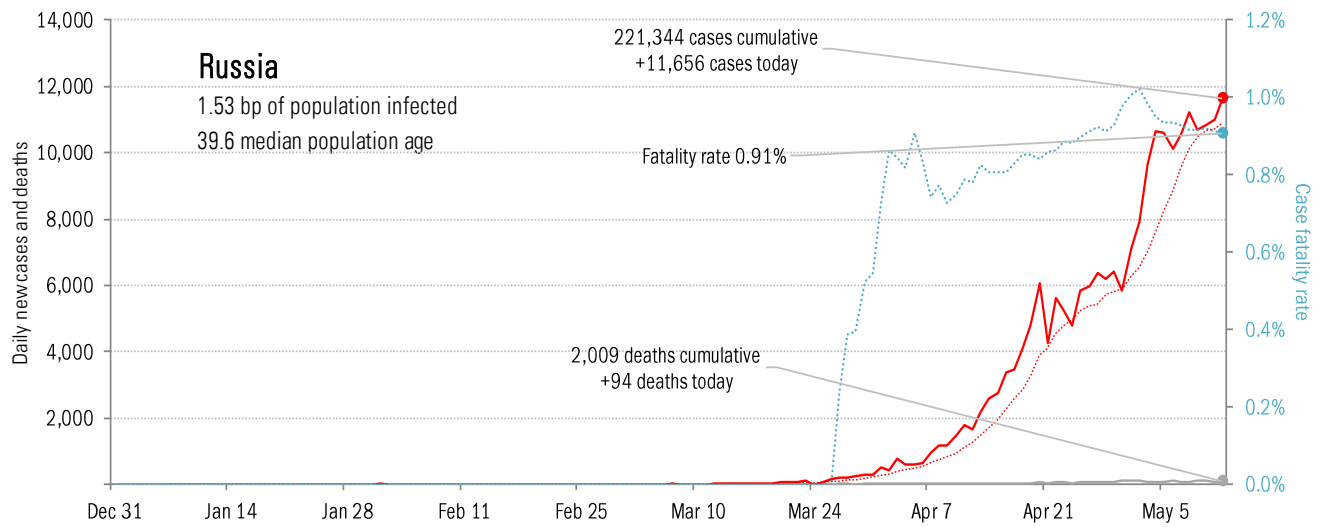
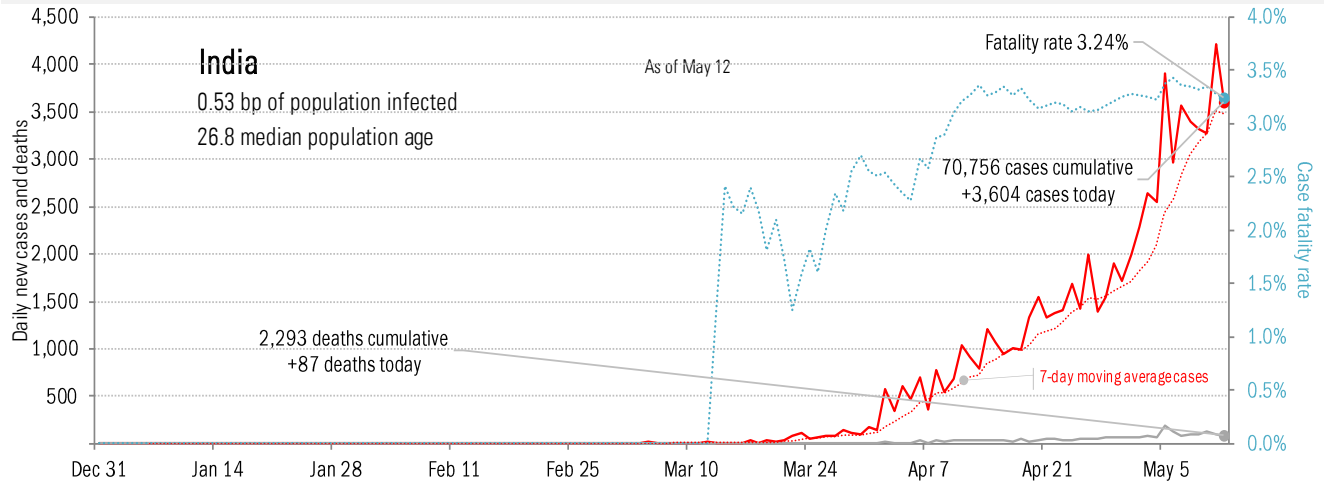
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



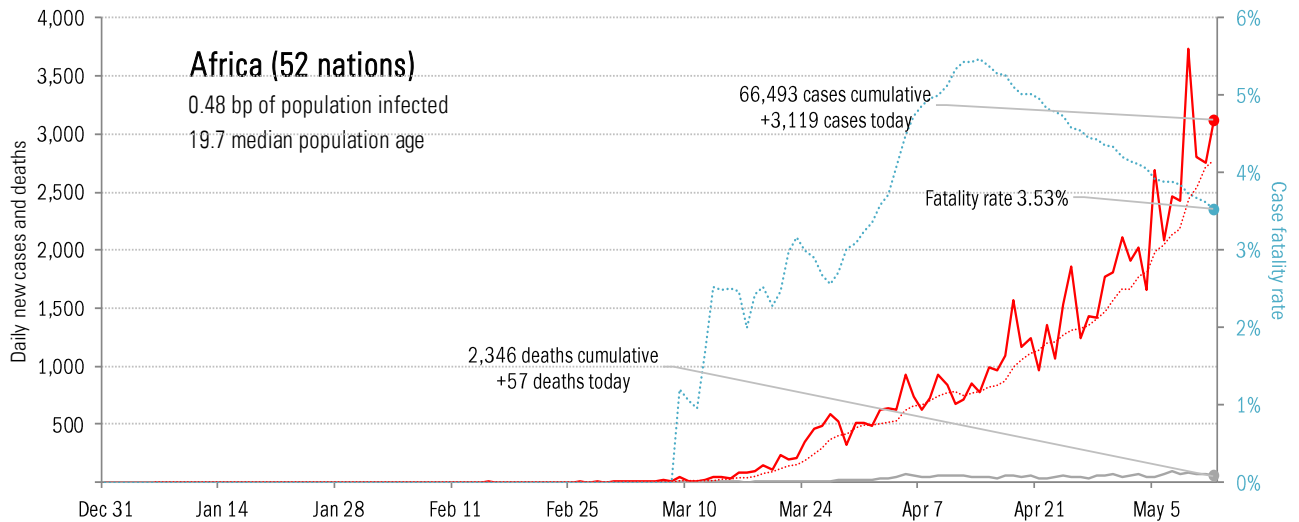
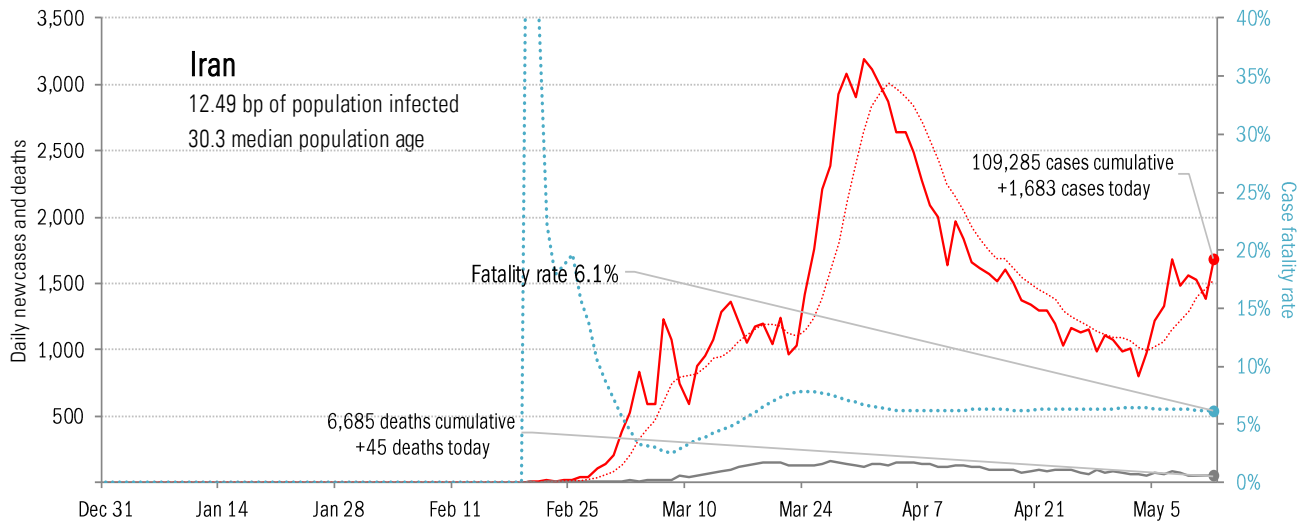
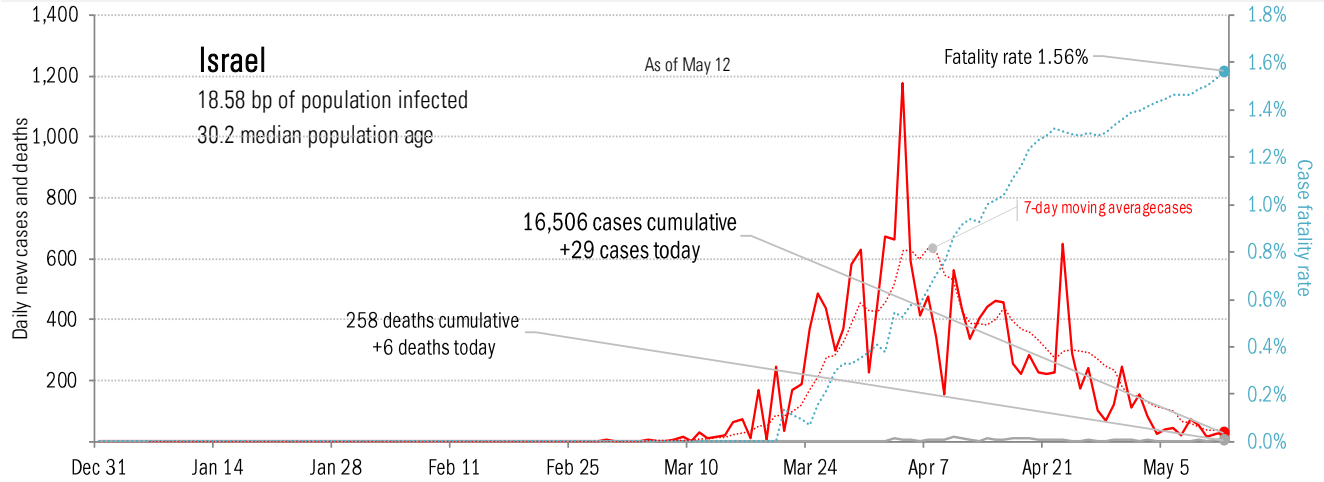
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations