

Data Insights: Covid-2019 Monitor

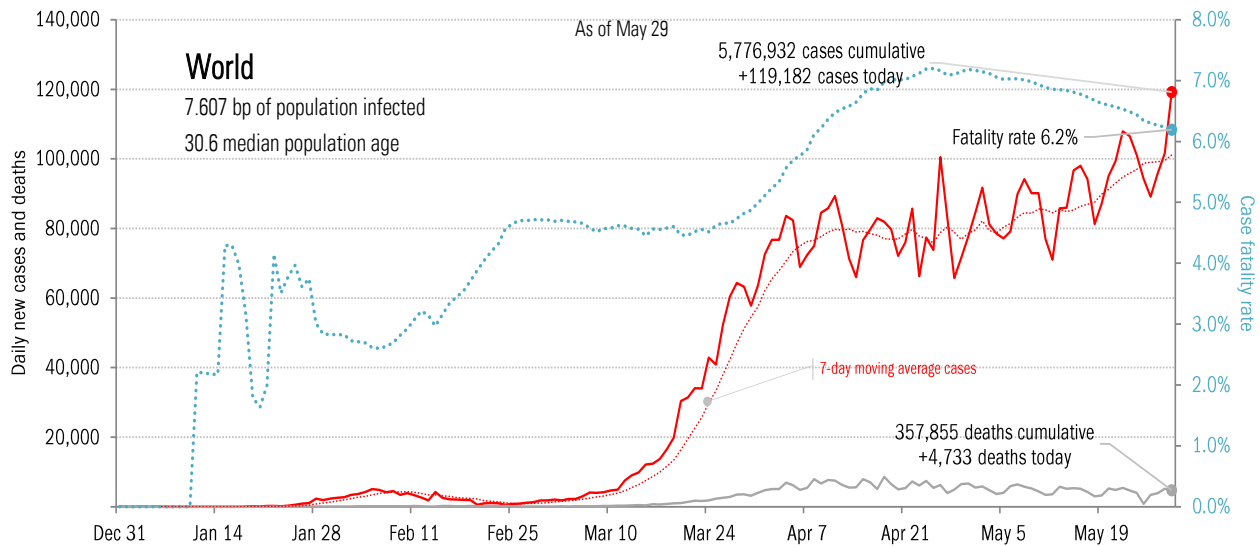
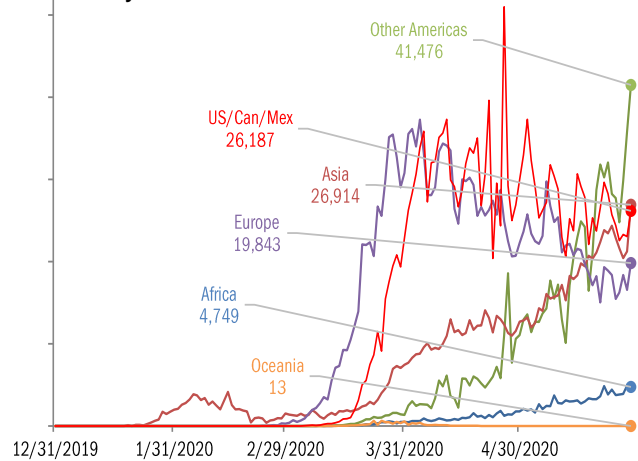
Friday, May 29, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+26,417	US	+1,175
US	+21,817	Brazil	+1,156
Russia	+8,371	Mexico	+447
India	+7,466	UK	+377
Peru	+5,874	India	+175
Chile	+4,654	Russia	+174
Mexico	+3,377	Peru	+116
France	+3,325	Canada	+112
Pakistan	+2,801	Italy	+70
Iran	+2,258	France	+66
+86,360		+3,868	
World	+119,182	World	+4,733
Top ten	72%	Top ten	82%

New confirmed cases by continent



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

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The US scorecard

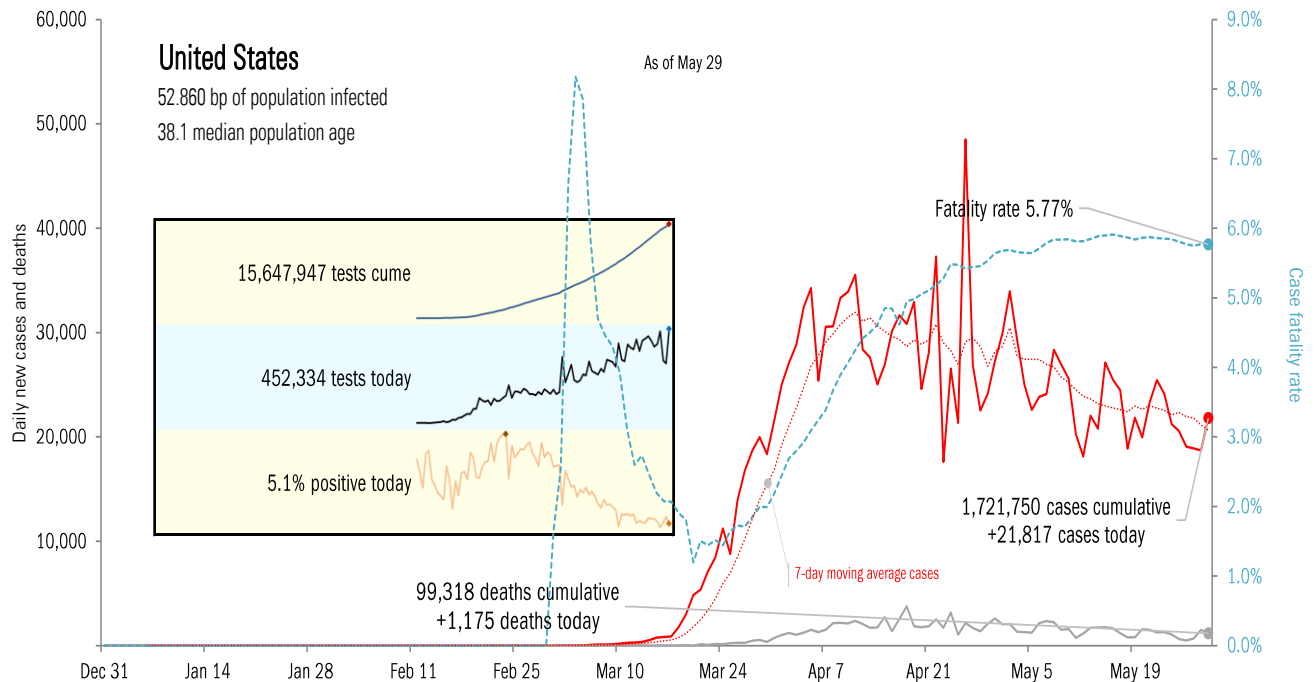
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
CA	+2,717	MA	+167	AZ	+817	NY	366,733	NY	23,722	NY	78,043
TX	+1,855	PA	+108	MA	+230	NJ	157,815	NJ	11,401	NJ	16,778
NY	+1,768	IL	+103	NY	+205	IL	115,833	MA	6,640	CT	12,538
IL	+1,527	CA	+89	NJ	+181	CA	101,697	PA	5,373	FL	10,056
MD	+1,286	NY	+79	FL	+157	MA	94,895	MI	5,372	MA	9,618
MA	+1,202	NJ	+62	VA	+148	PA	70,042	IL	5,186	MD	8,392
NJ	+1,187	CT	+57	MD	+111	TX	59,776	CA	3,973	GA	7,767
VA	+1,152	VA	+57	CH	+111	MI	56,014	CT	3,826	VA	6,974
NC	+784	GA	+55	GA	+101	FL	53,285	LA	2,740	CH	5,811
FL	+651	CH	+54	MN	+84	MD	49,709	FL	2,446	IN	5,285
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+14,129		+831		+2,145		1,125,799		70,679		161,262	
All states	+23,007	All states	+1,353	All states	+2,529	All states	1,712,637	All states	95,705	All states	194,975
Top ten	61%	Top ten	61%	Top ten	85%	Top ten	66%	Top ten	74%	Top ten	83%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
KY	-506	NJ	-86	VA	-48	PA	+1,788
IA	-444	IL	-57	NJ	-43	AL	+1,404
PA	-155	MI	-30	KS	-22	TX	+1,279
LA	-138	MD	-23	GA	-18	TN	+716
KS	-119	KS	-17	NM	-18	WI	+538



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

Recommended reading

[Washington Inflates COVID-19 Numbers, Includes Gunshot Victims Among Deaths](#)

Del Dudit
Western Journal
May 27, 2020

[Why New York Suffered When Other Cities Were Spared by Covid-19](#)

Drew Armstrong, Henry Goldman, and Keshia Clukey
Bloomberg
May 28, 2020

[How Media Sensationalism, Big Tech Bias Extended Lockdowns](#)

Yinon Weiss
Real Clear Politics
May 28, 2020

[Children are not COVID-19 super spreaders: time to go back to school](#)

Alasdair P S Munro and Saul N Faust
Disease in Childhood
May 19, 2020

[Executive Order on Preventing Online Censorship](#)

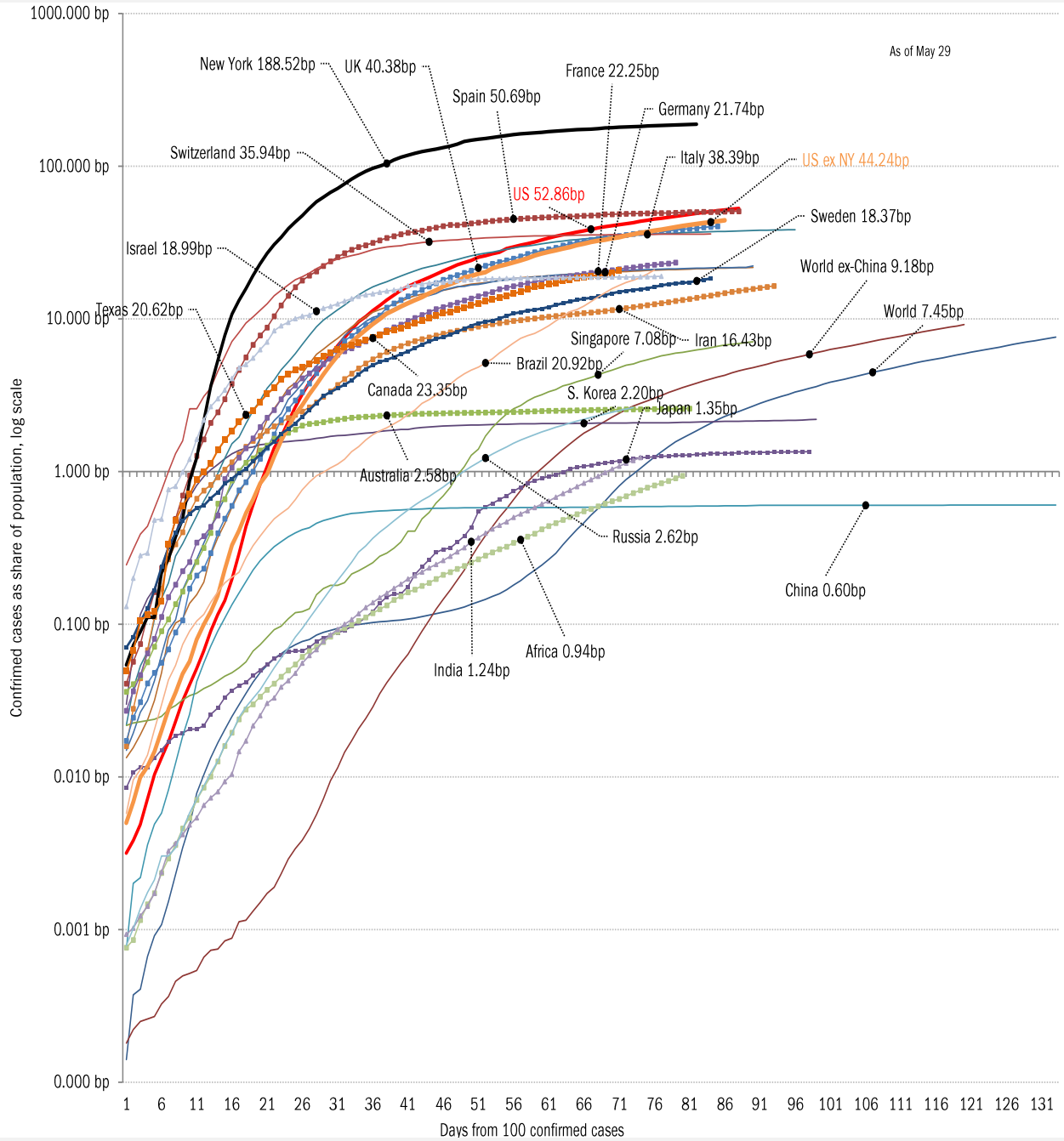
Donald J. Trump
The White House
May 28, 2020

Meme of the day



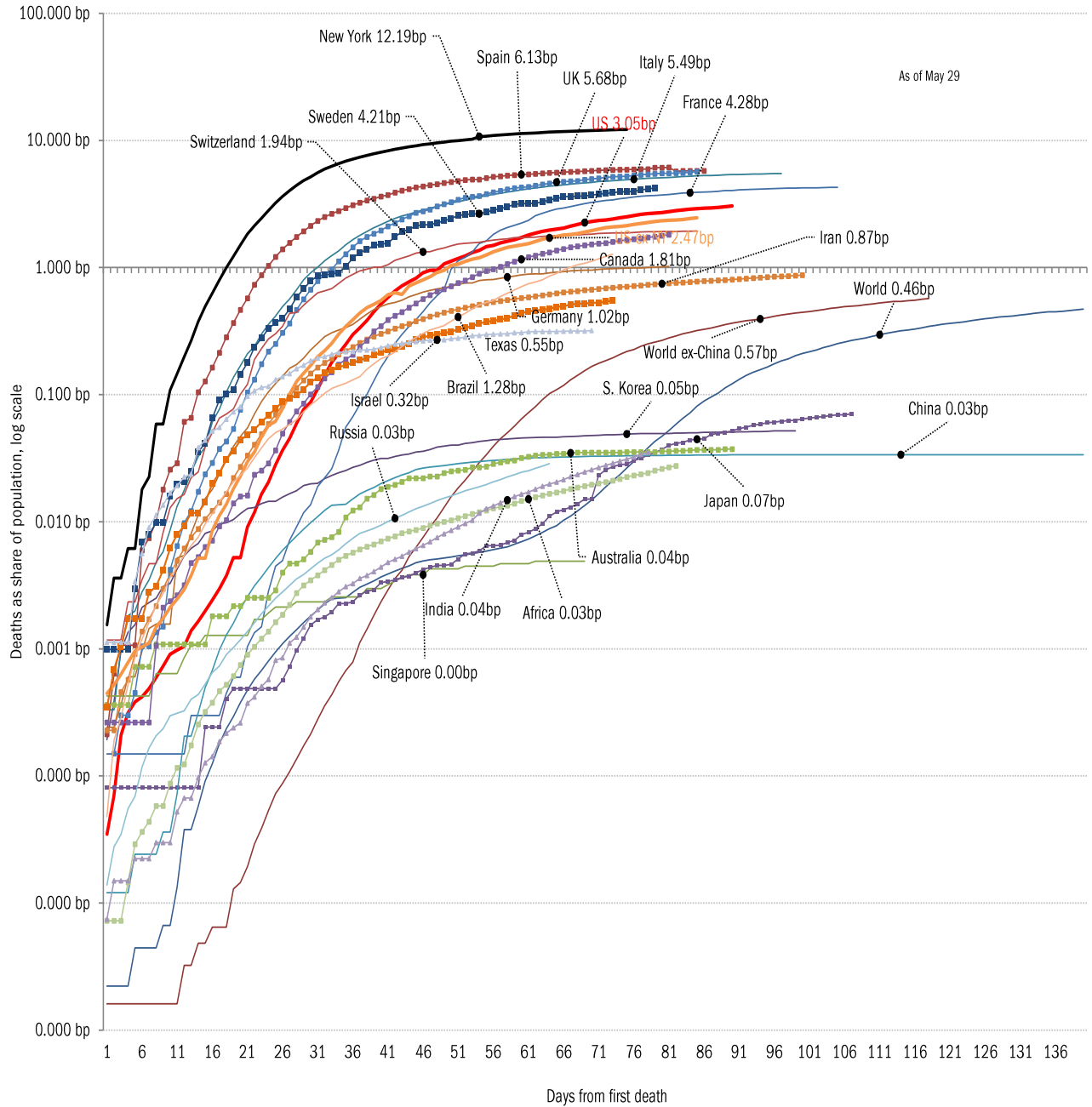
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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

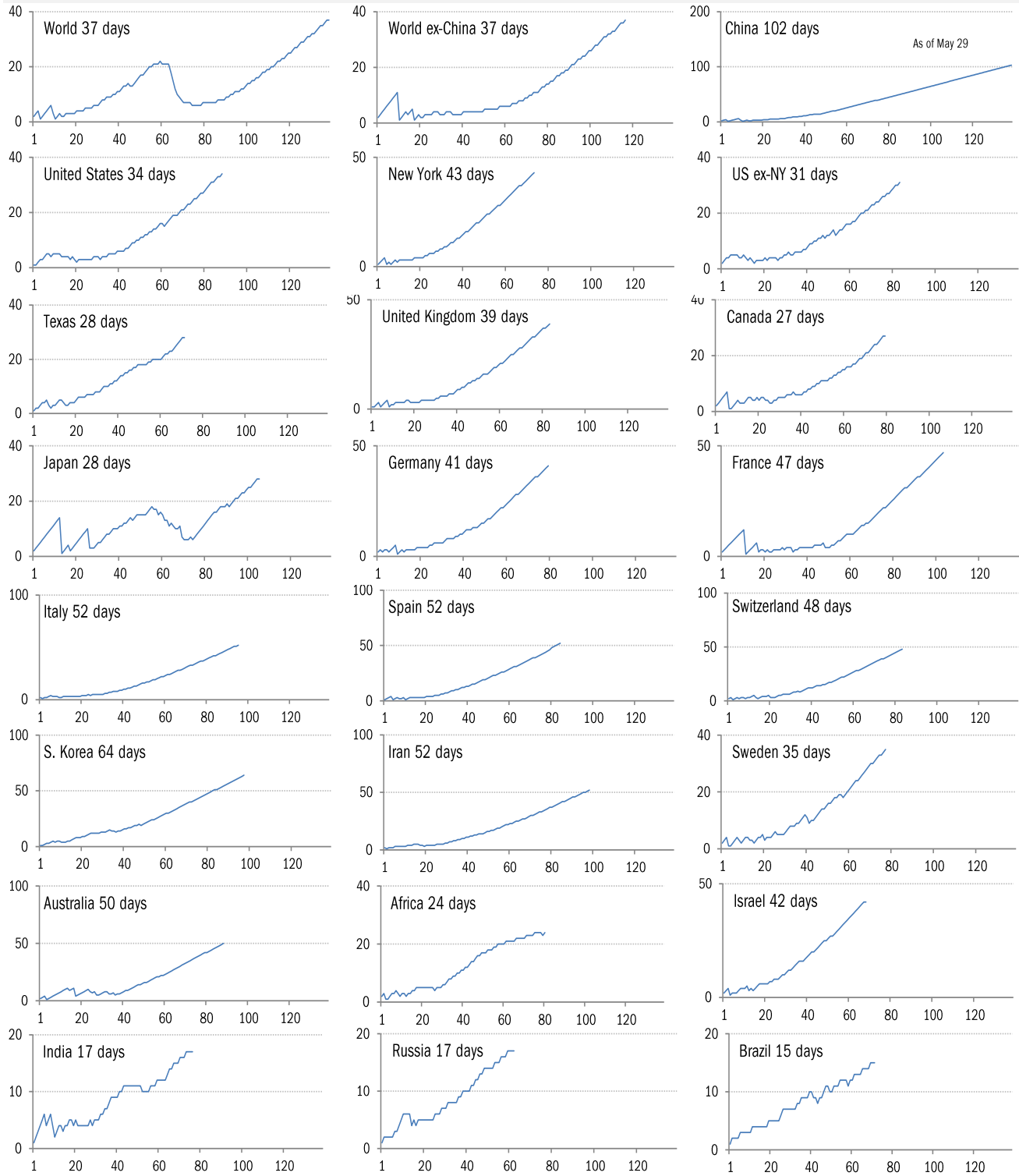
The coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

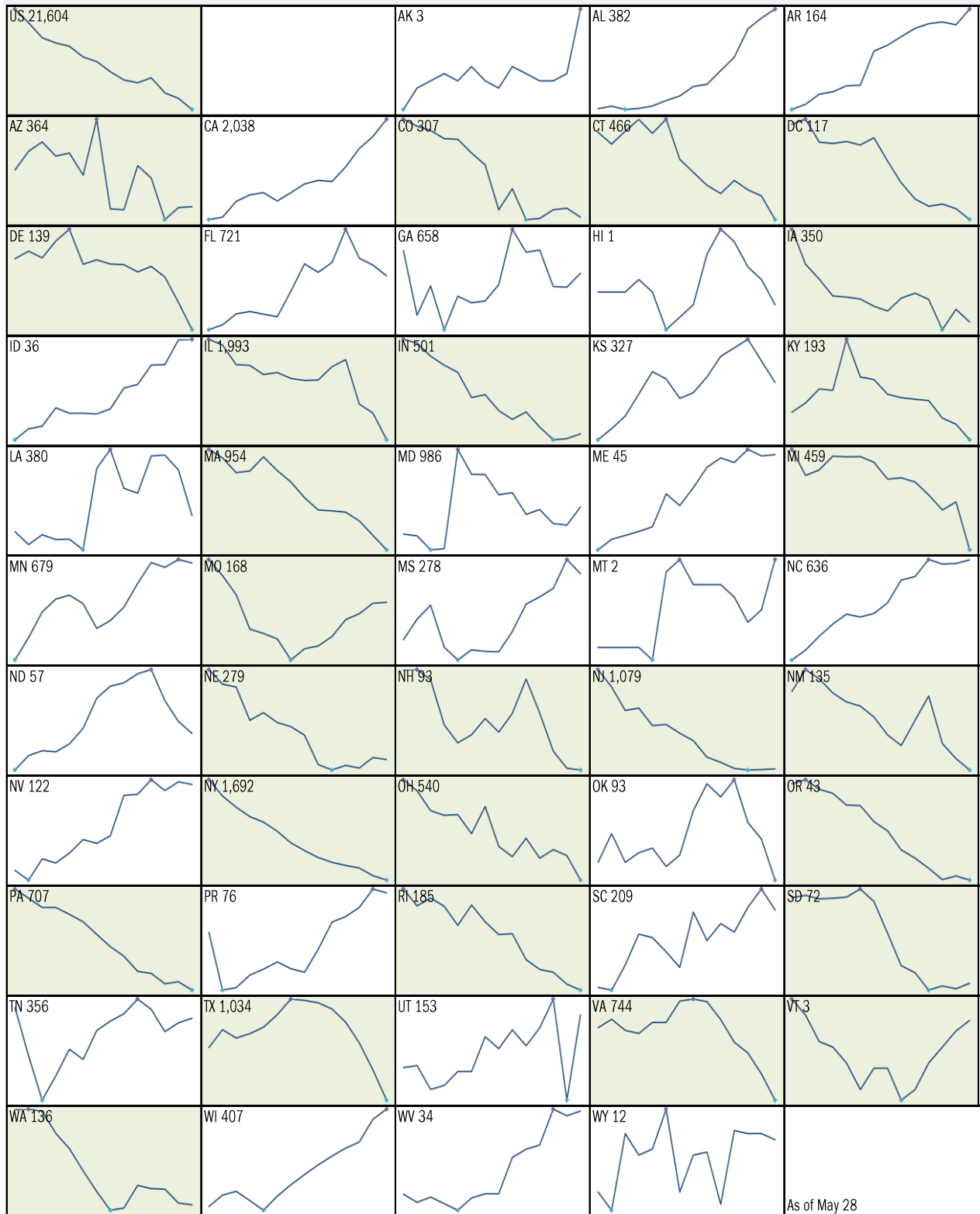
Our most reliable evidence of slowing exponential growth of Covid-2019

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



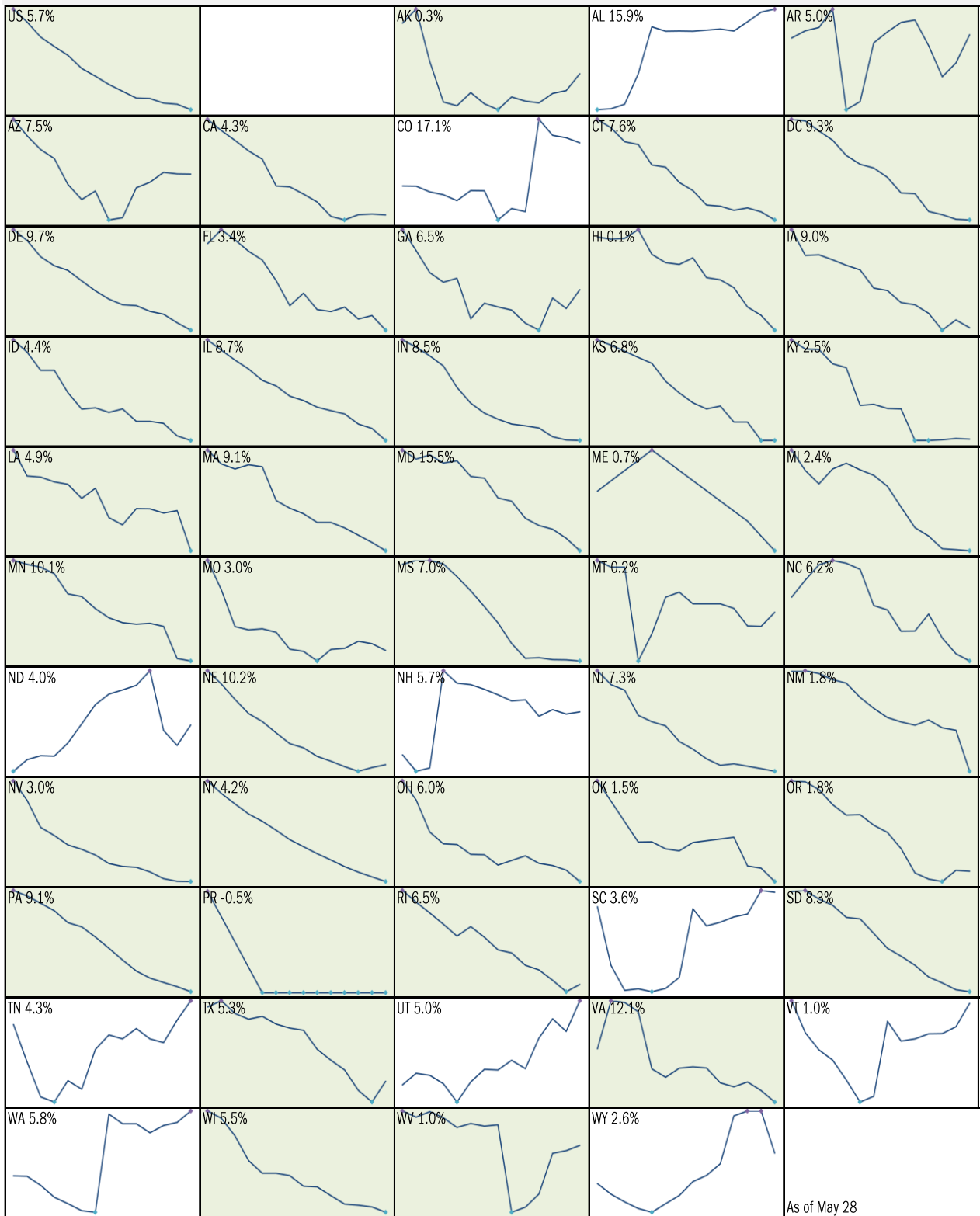
Source: [ECDC](#), TrendMacro calculations

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



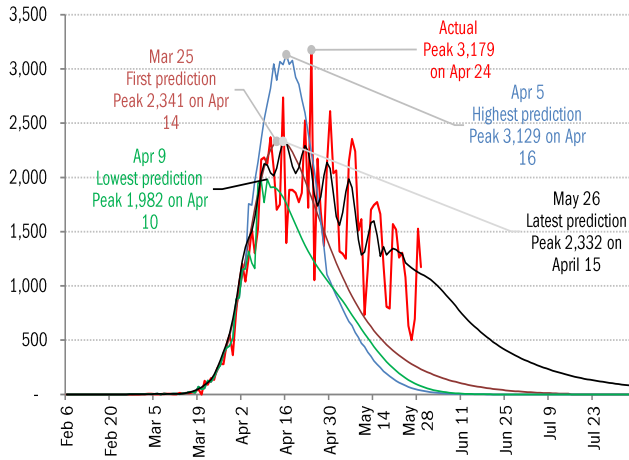
Source: [Covid Tracking Project](#), TrendMacro calculations

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

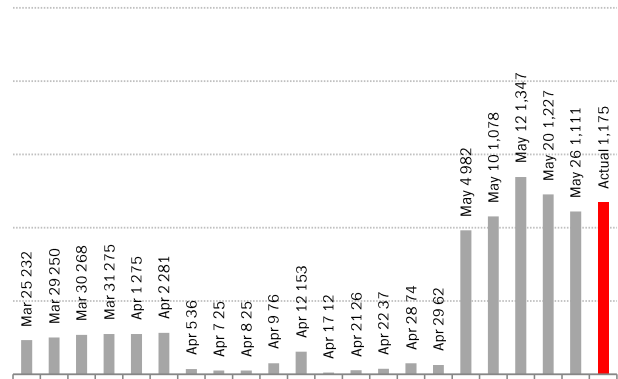
New daily fatalities

As of May 29

Actual versus first, highest and latest model mean predictions

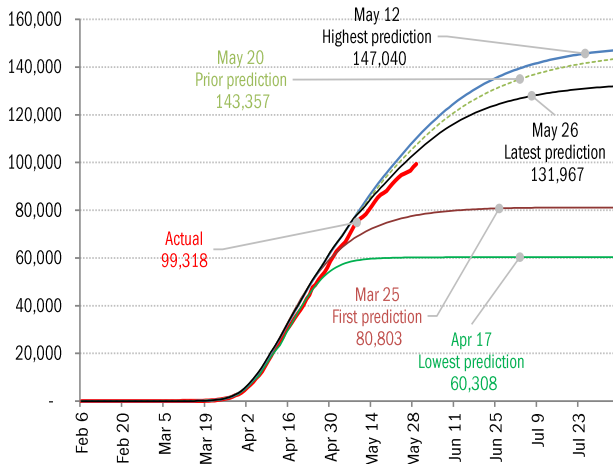


For this day, versus all model mean predictions

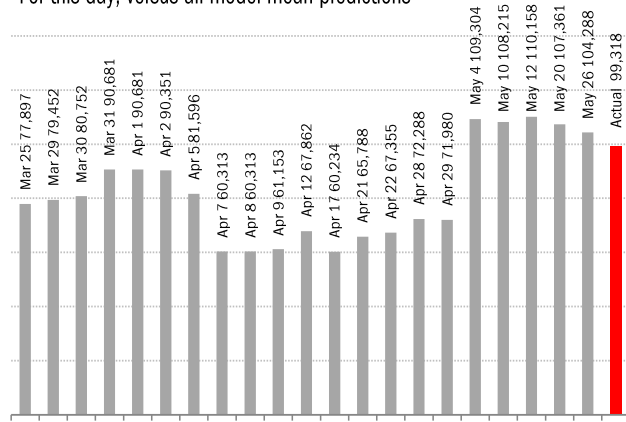


Cumulative fatalities

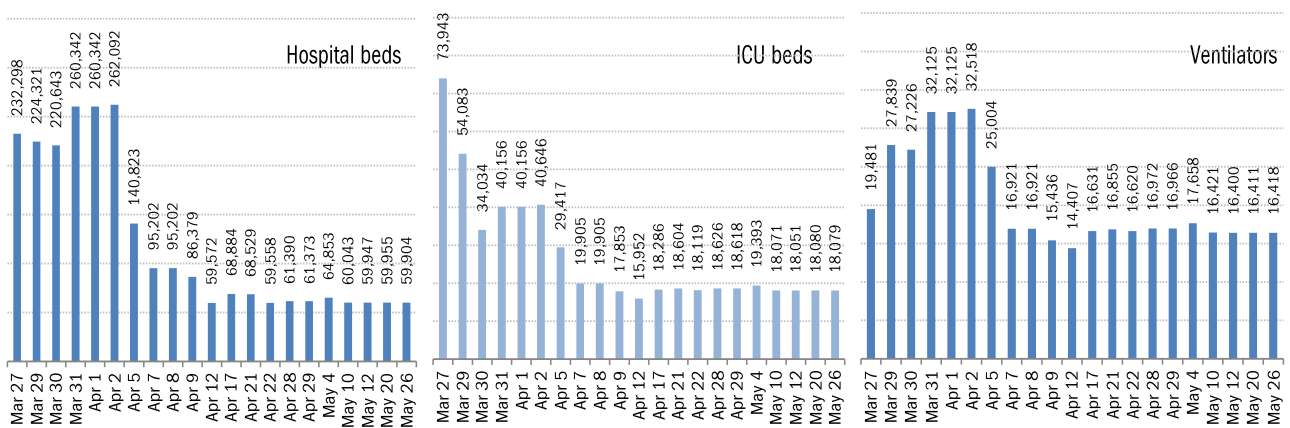
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

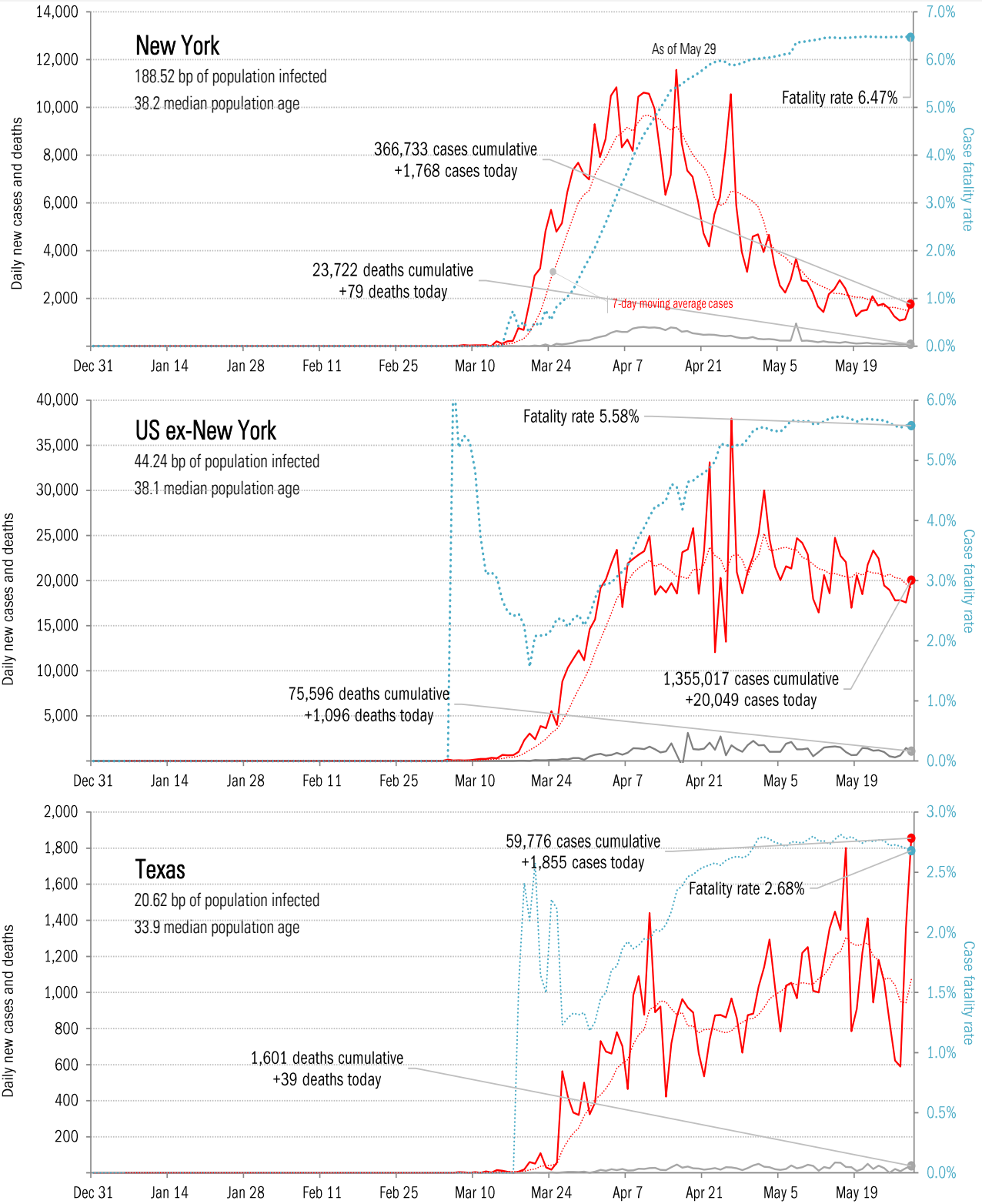


Healthcare system stress, peak estimated at each model revision



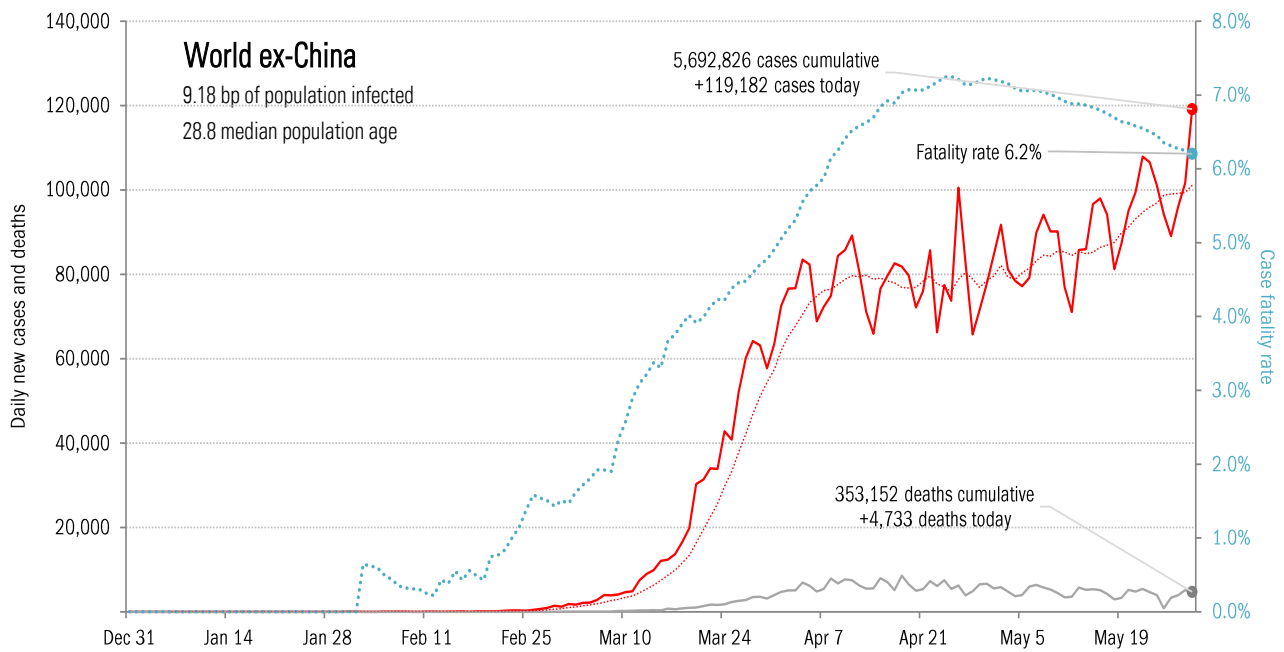
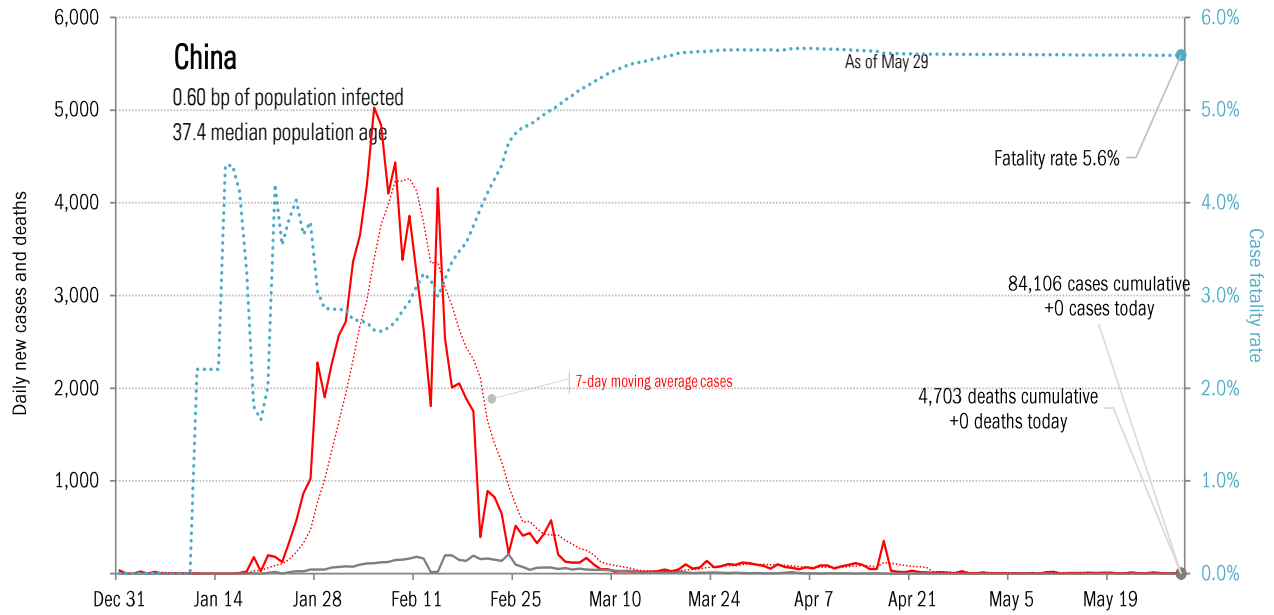
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



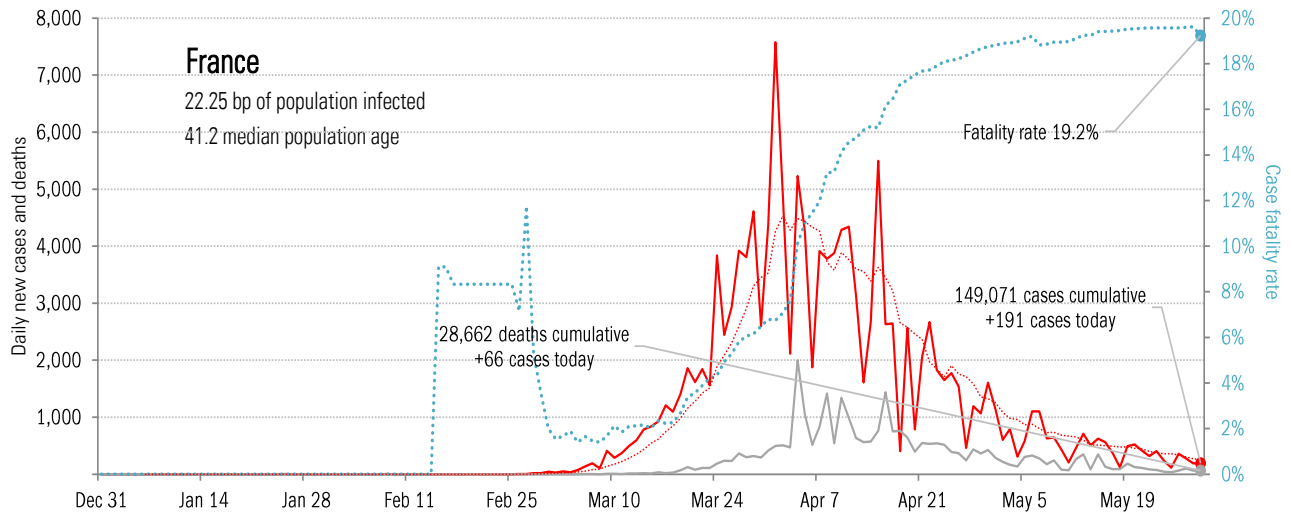
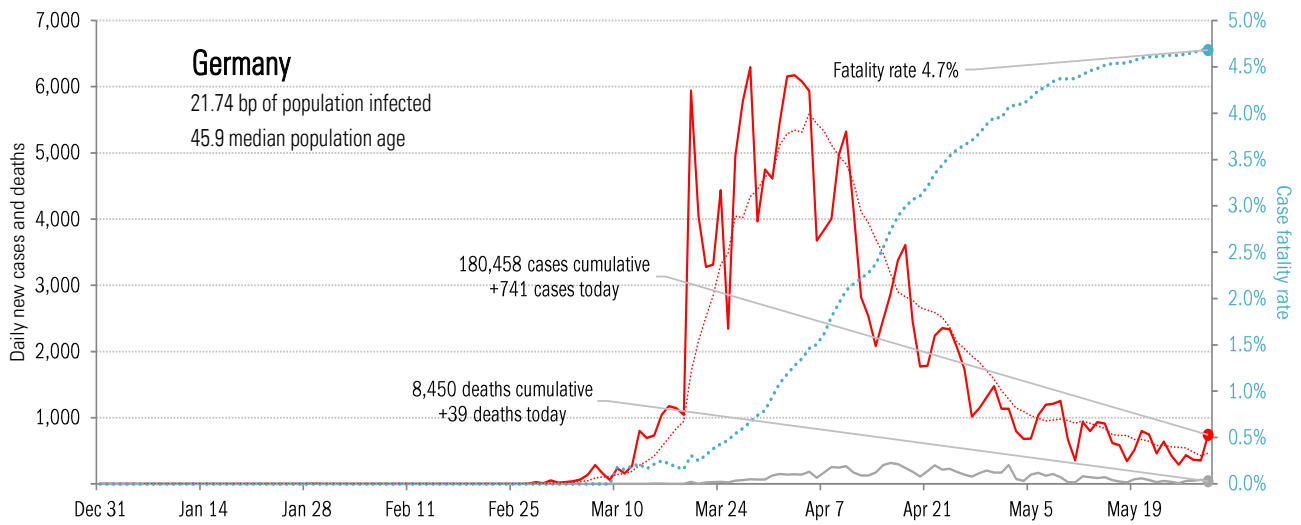
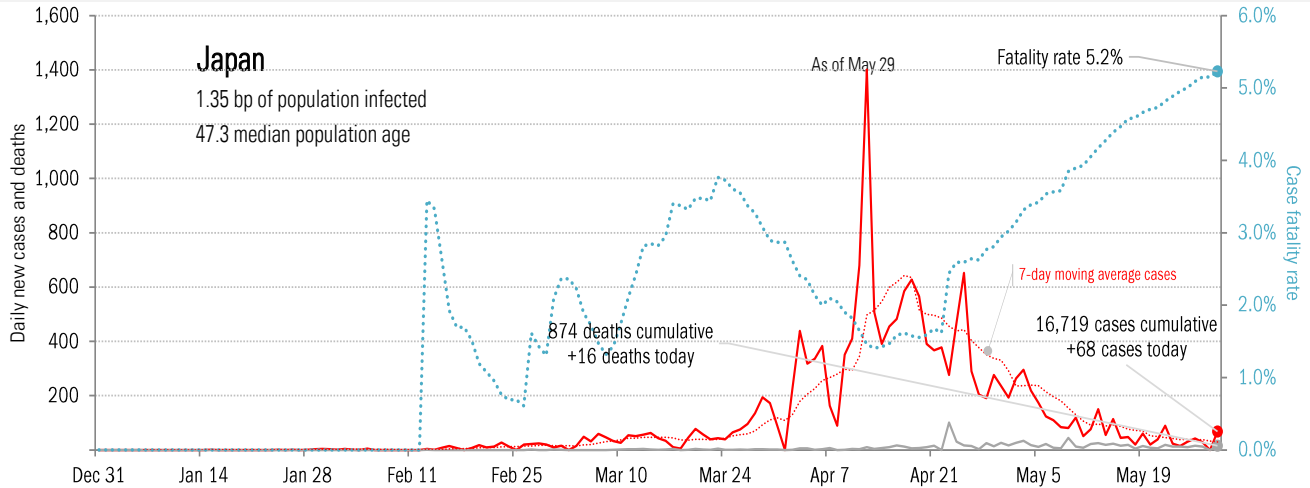
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



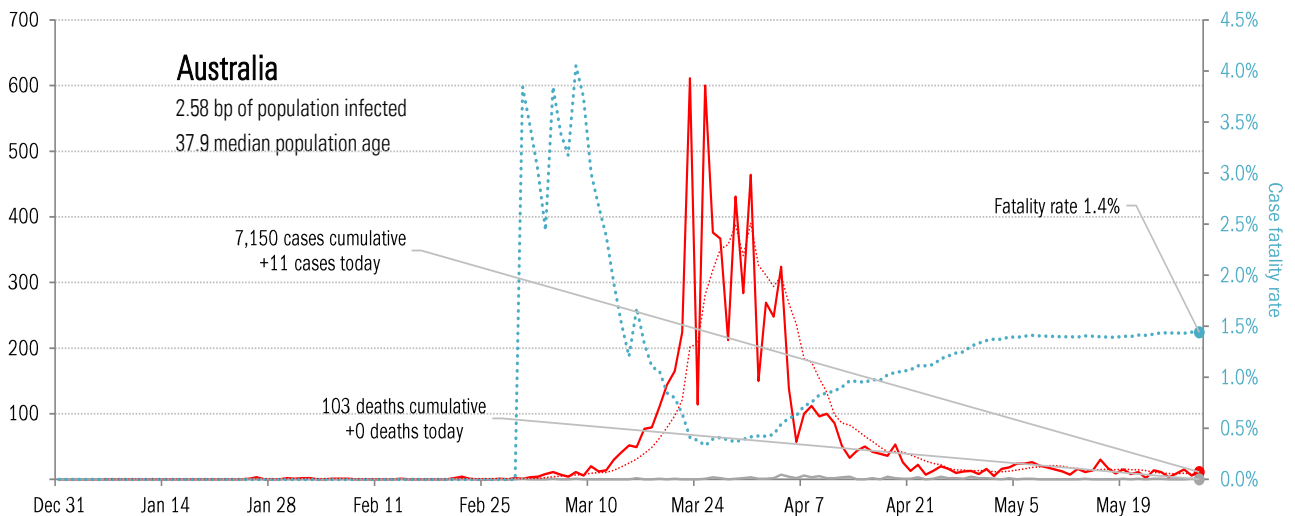
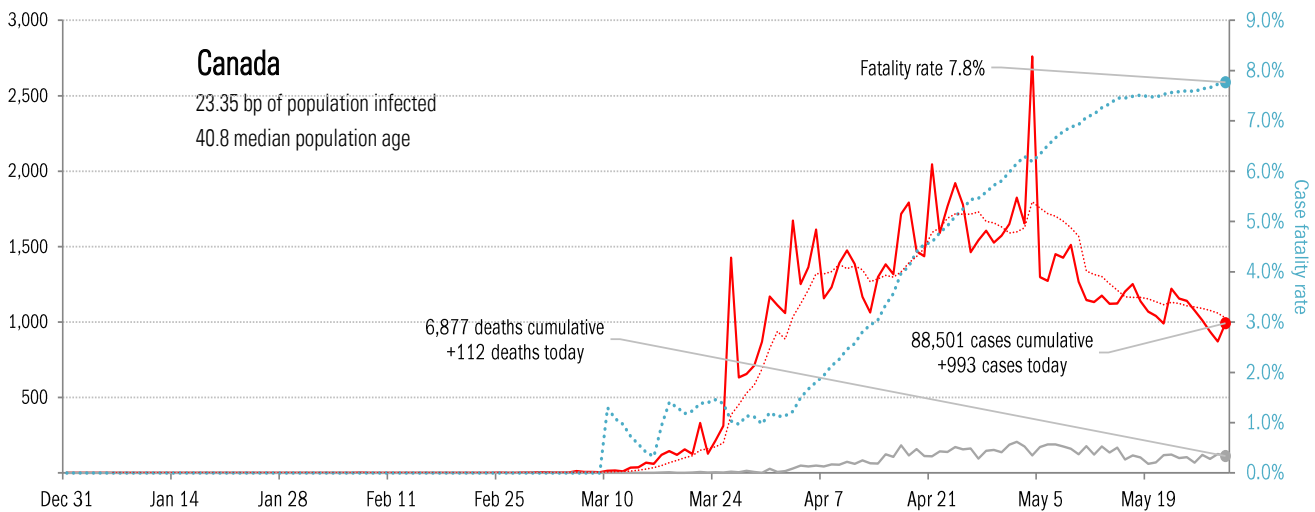
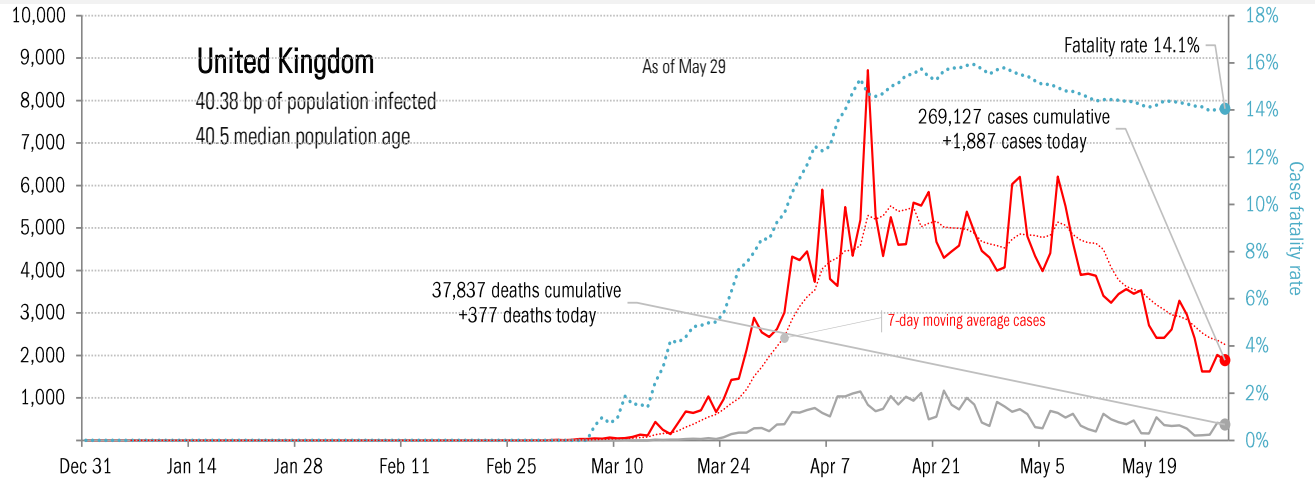
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



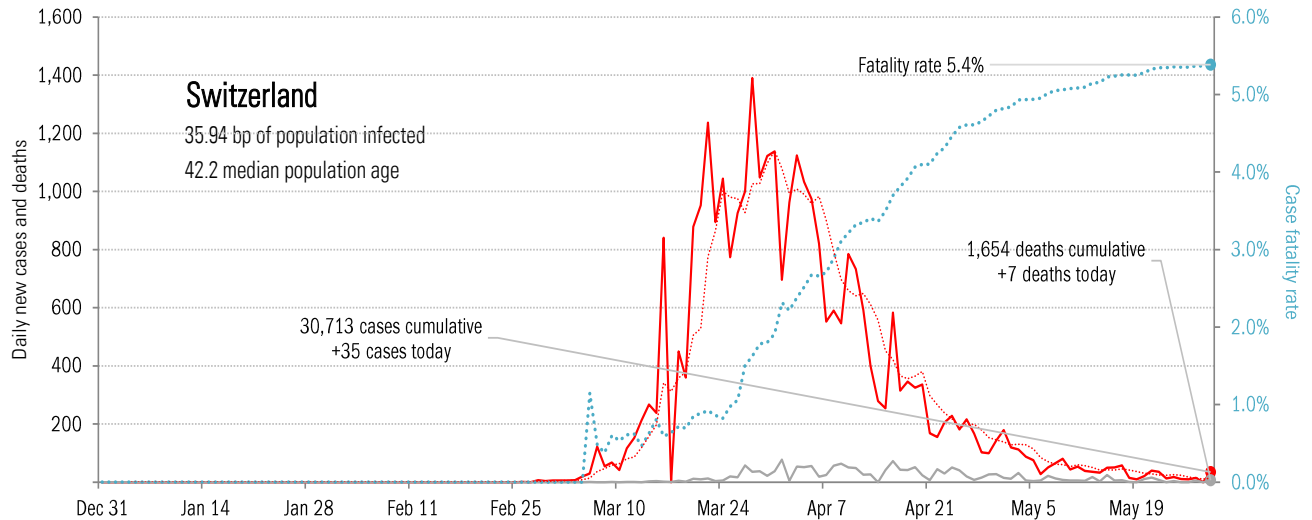
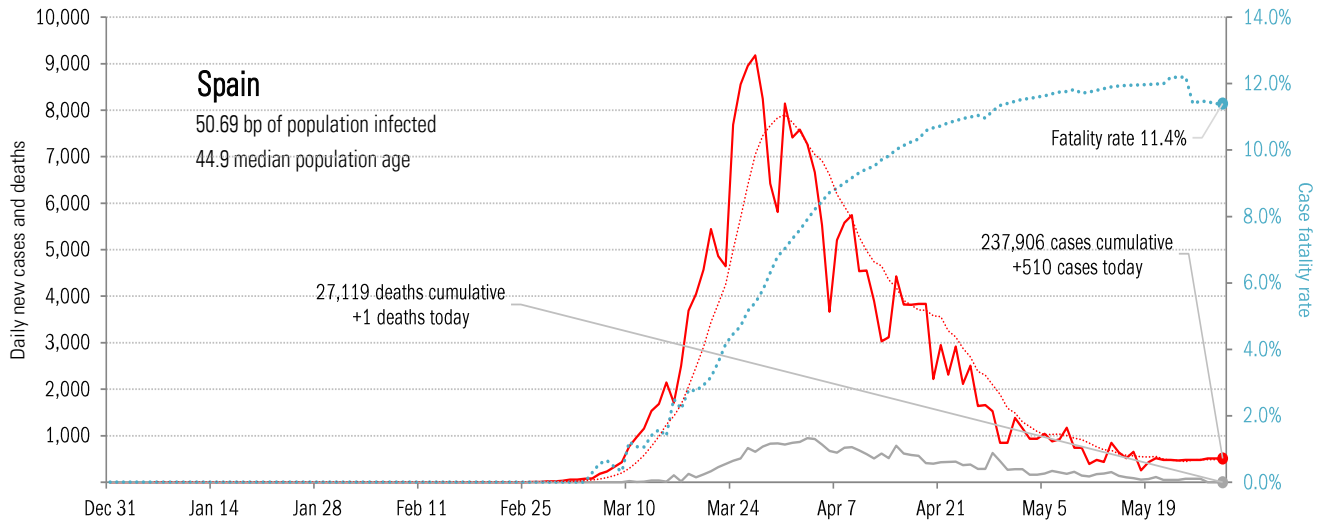
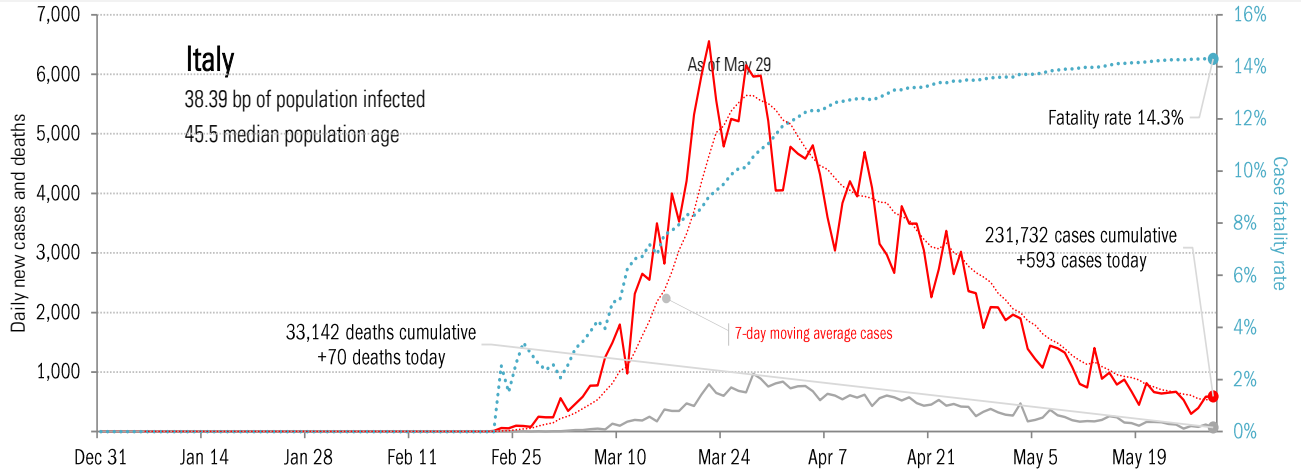
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



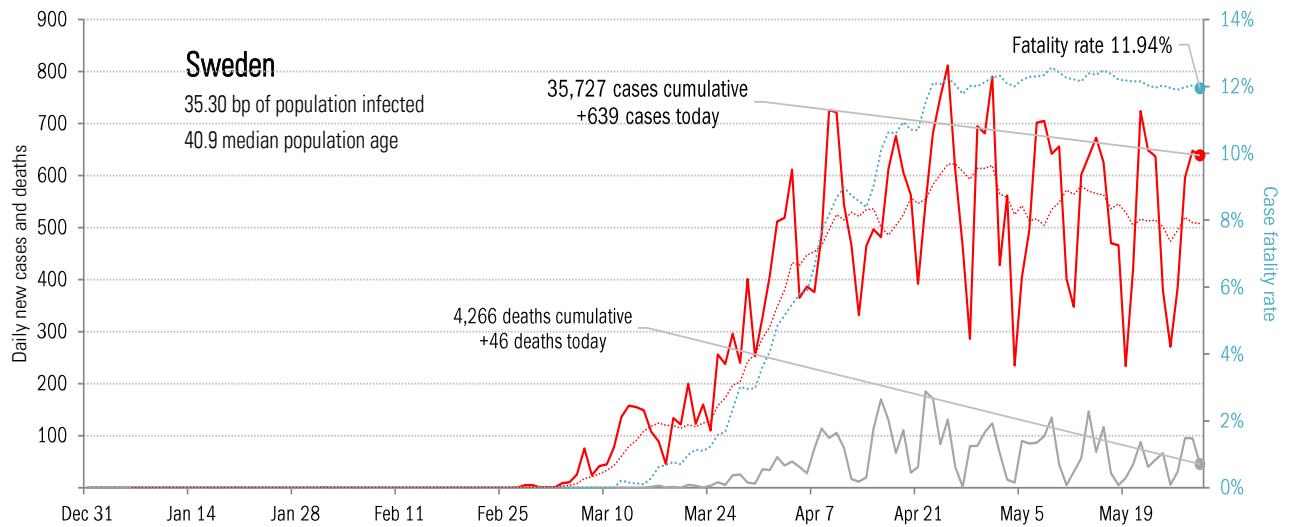
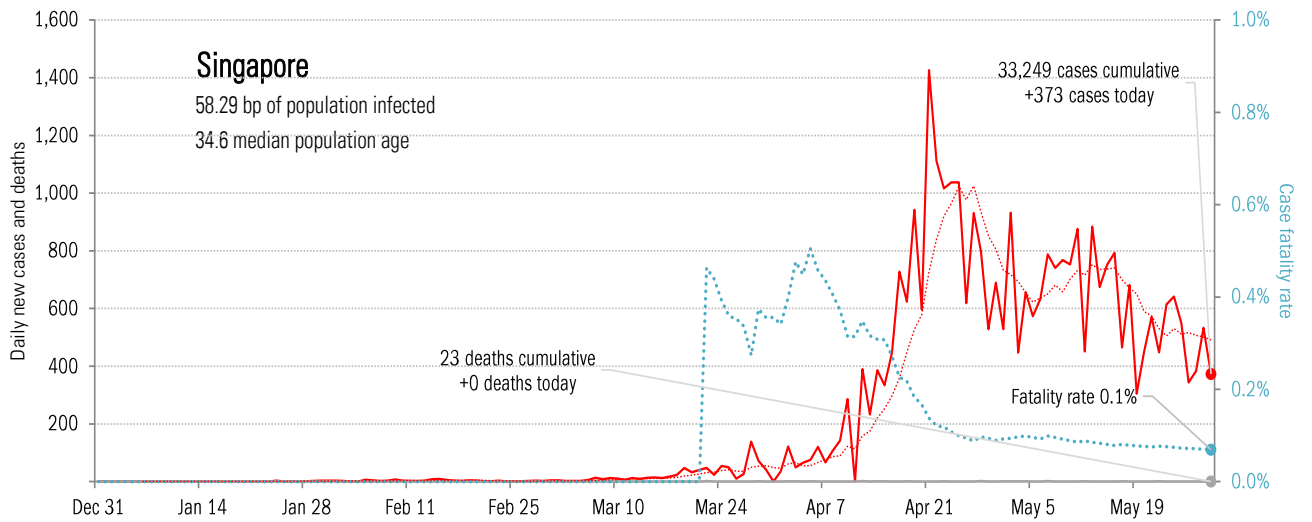
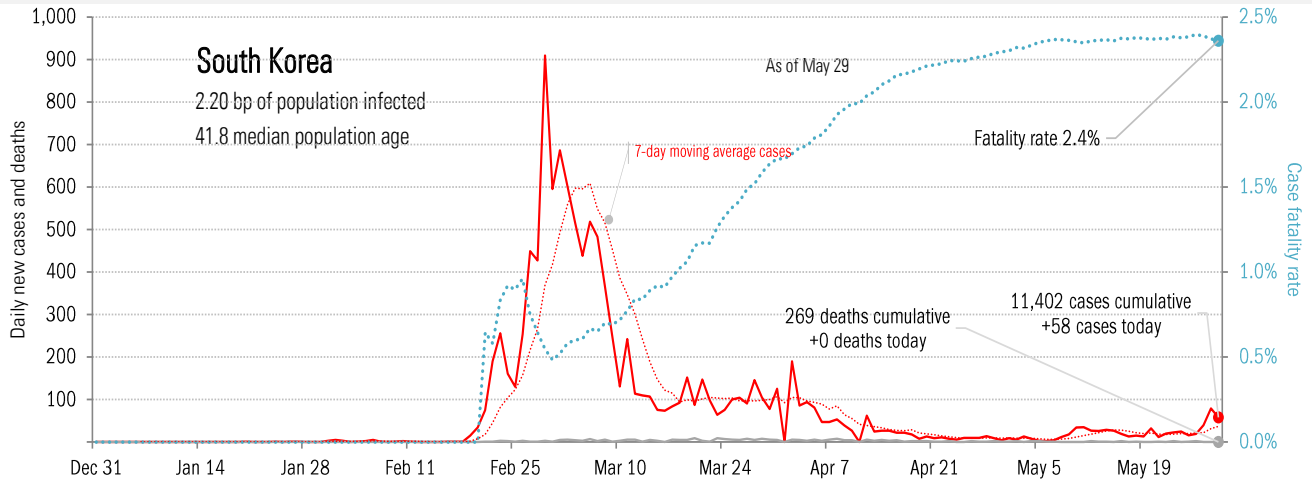
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



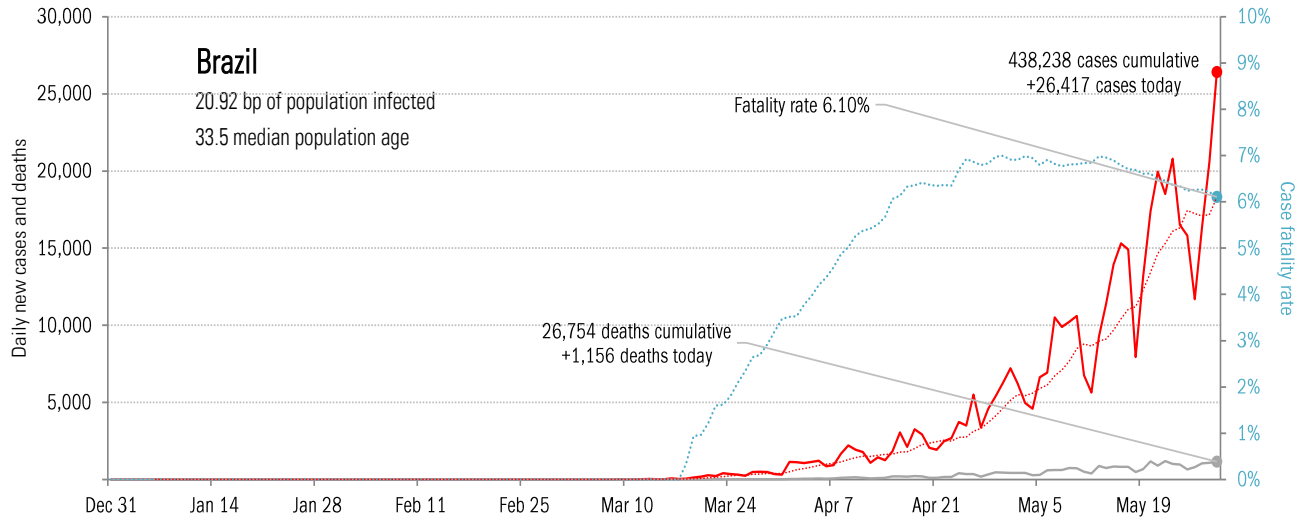
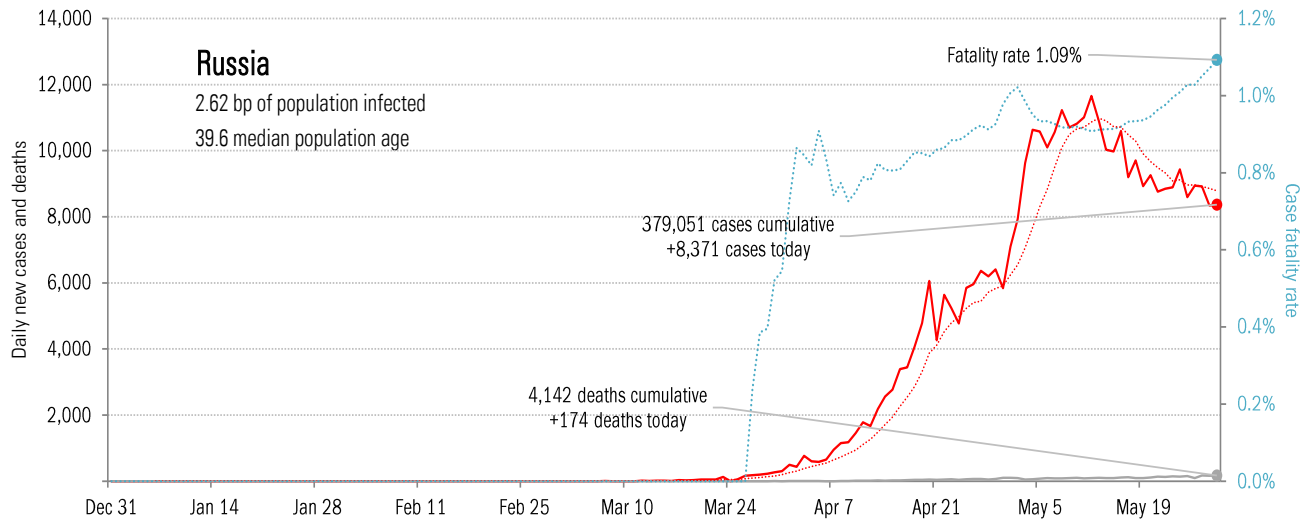
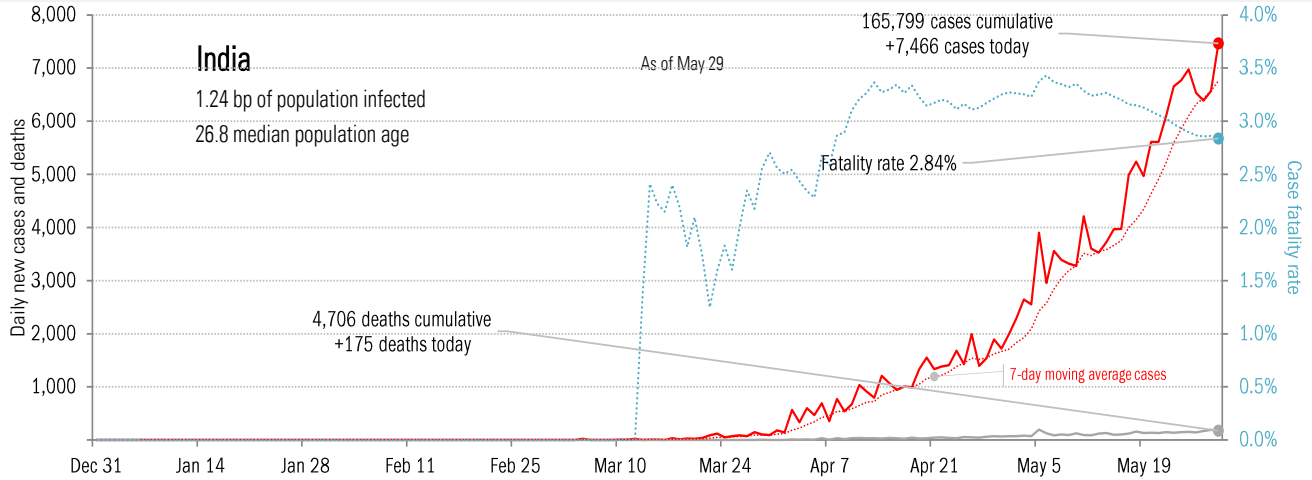
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



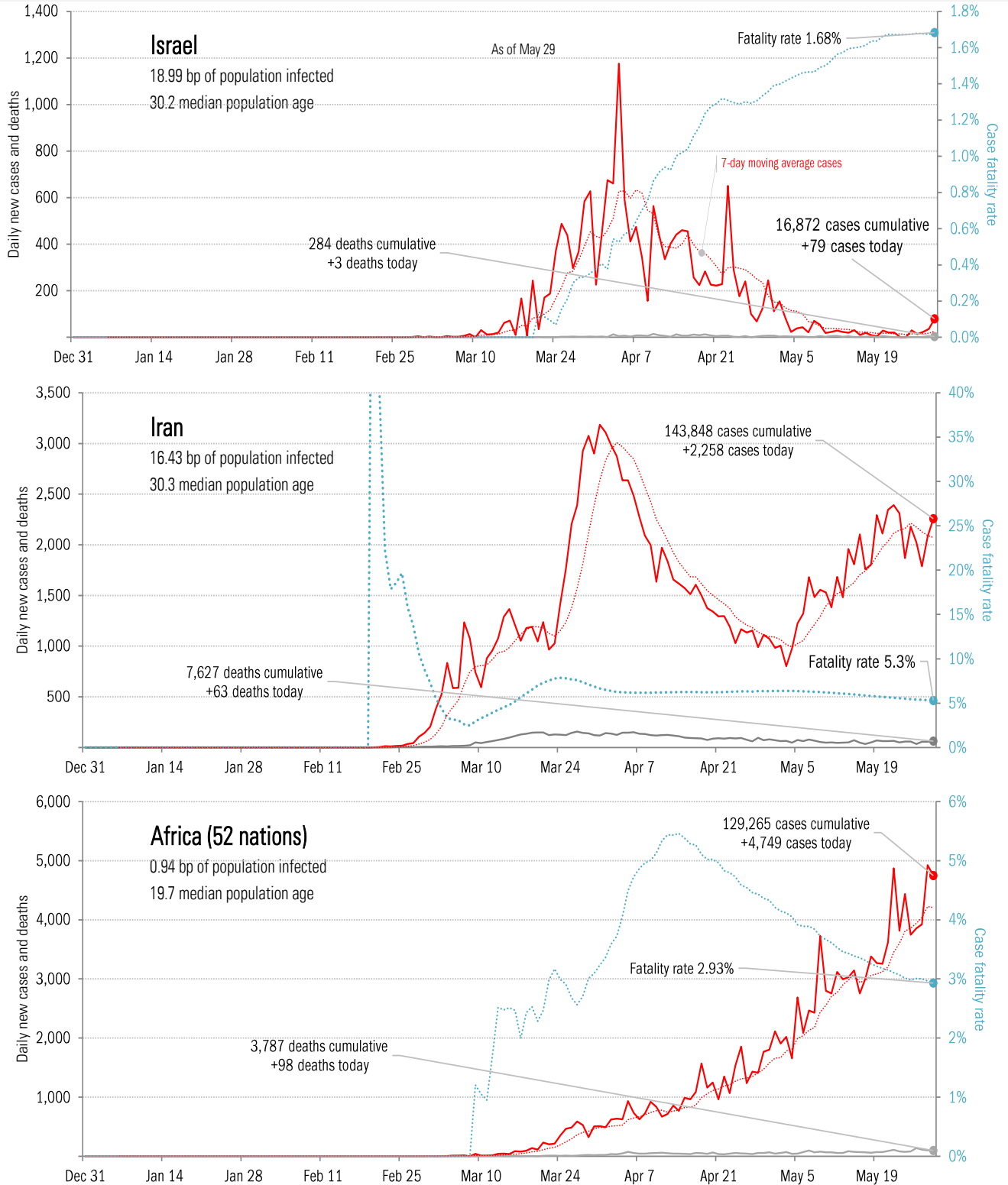
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations