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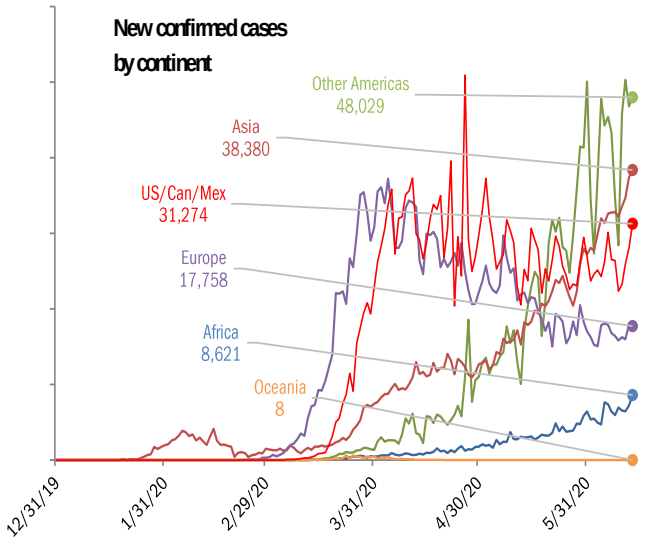
Data Insights: Covid-2019 Monitor

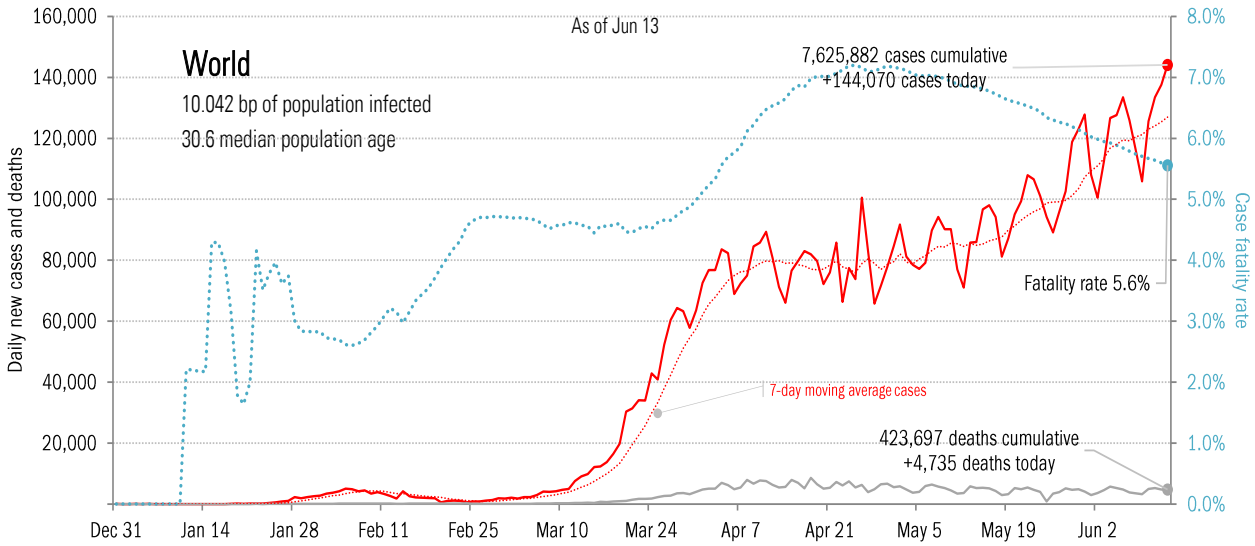
Saturday, June 13, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+25,982	Brazil	+909
US	+25,639	US	+849
India	+11,458	Mexico	+504
Russia	+8,987	India	+386
Chile	+6,754	Chile	+222
Pakistan	+6,472	UK	+202
Peru	+5,961	Peru	+199
Mexico	+5,222	Russia	+183
Saudi	+3,921	Colombia	+112
Bangladesh	+3,471	Ecuador	+108
	+103,867		+3,674
World	+144,070	World	+4,735
Top ten	72%	Top ten	78%





Source: ECDC, TrendMacro calculations

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The US scorecard

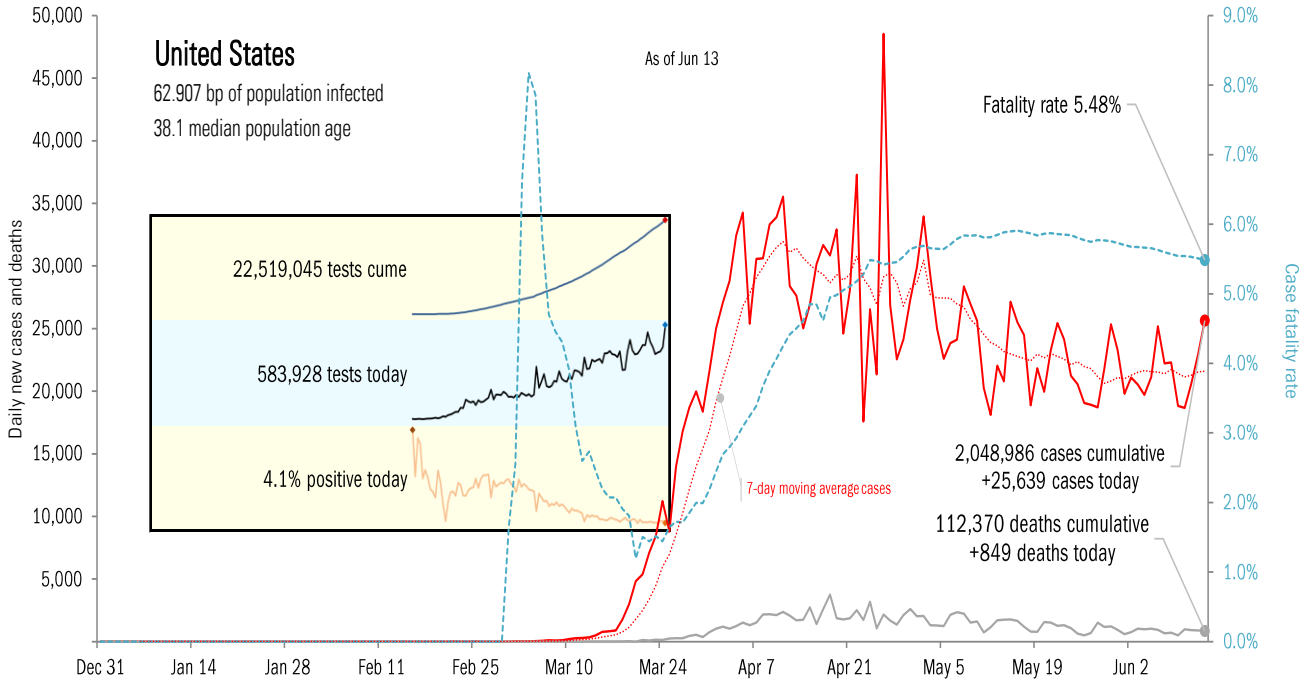
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
CA	+2,702	IL	+78	FL	+136	NY	381,714	NY	24,495	NY	89,995
TX	+2,097	CA	+62	MD	+134	NJ	166,164	NJ	12,489	NJ	18,607
FL	+1,902	NY	+53	NJ	+115	CA	141,983	MA	7,538	FL	11,986
NC	+1,768	PA	+49	GA	+108	IL	132,059	IL	6,441	MA	10,726
AZ	+1,654	MA	+46	AZ	+91	MA	105,059	PA	6,162	MD	9,923
AL	+865	NJ	+46	SC	+90	TX	83,680	MI	5,990	CT	9,912
NY	+822	GA	+43	MA	+72	PA	77,999	CA	4,943	GA	9,181
GA	+810	FL	+29	VA	+64	FL	70,971	CT	4,159	VA	8,028
IL	+732	NC	+28	OH	+61	MI	65,672	LA	2,996	OH	6,814
AR	+731	TN	+27	NM	+42	MD	60,613	FL	2,967	IN	6,349
	+14,083		+461		+913		1,285,914		78,180		181,521
All states	+23,752	All states	+751	All states	+1,298	All states	2,037,530	All states	108,554	All states	223,281
Top ten	59%	Top ten	61%	Top ten	70%	Top ten	63%	Top ten	72%	Top ten	81%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
PA	-401	DE	-49	CT	-243	PA	+1,274
CA	-388	CA	-43	NJ	-154	TX	+1,162
MD	-316	MI	-28	FL	-93	SC	+754
GA	-183	FL	-20	WA	-27	IN	+490
WA	-151	NJ	-20	IN	-18	WI	+435



Source: States and test data Covid Tracking Project, US data ECDC, TrendMacro calculations

Recommended reading

[Oregon, Utah pause reopening amid coronavirus spikes](#)
Jessie Hellmann
The Hill
June 12, 2020

[Horowitz: The new panic lie: Increased coronavirus hospitalizations and cases in the southwest](#)
Daniel Horowitz
Conservative Review
June 12, 2020

[Why You Haven't Caught Covid-19](#)
Anne Marie Knott
Washington University
May 30, 2020

[Kudlow: 'There is no second wave' of coronavirus](#)
Quint Forgey
Politico
June 12, 2020

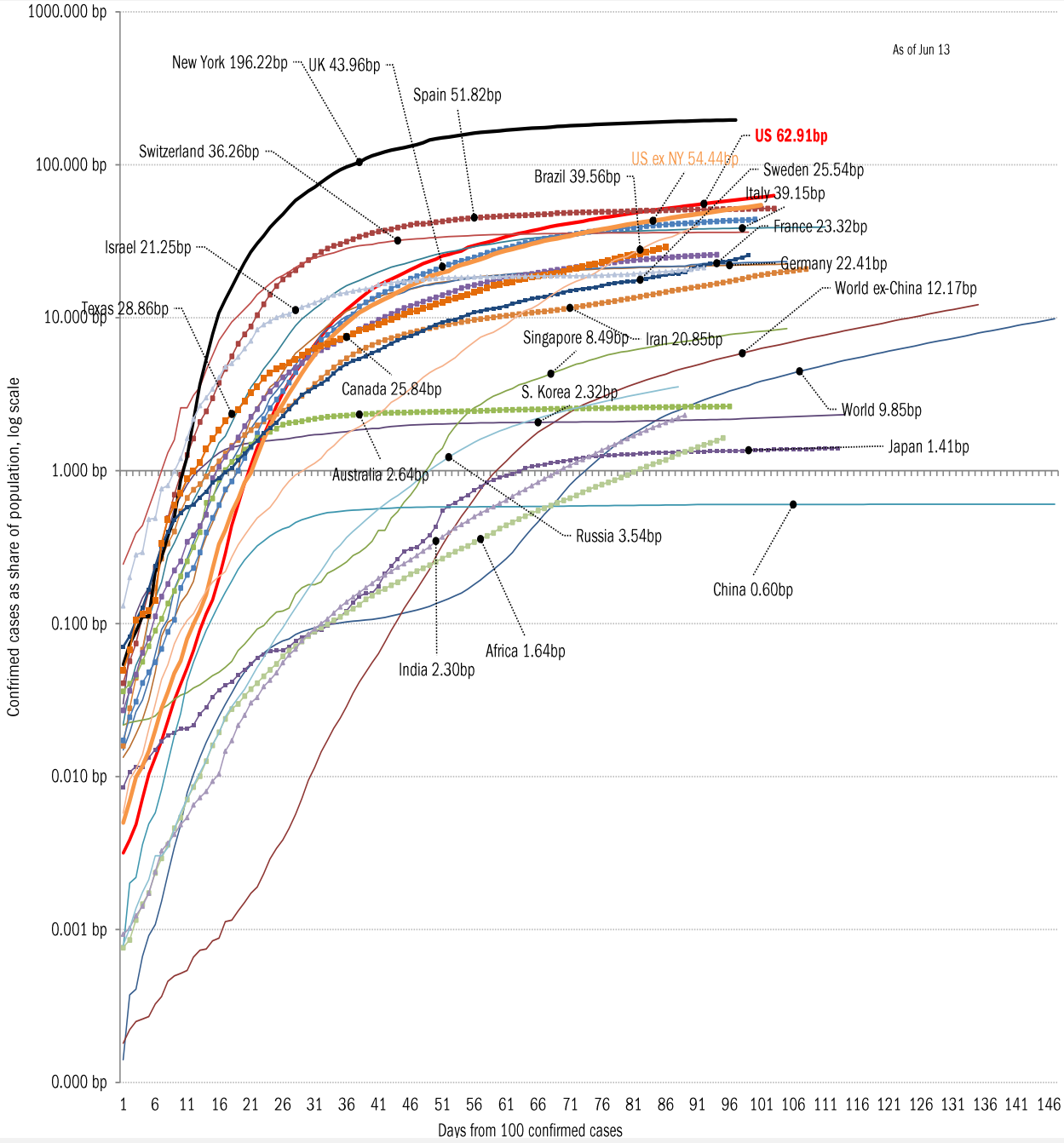
[Houston on 'Precipice of Disaster' With Virus Cases Spreading](#)
Joe Carroll
Bloomberg
June 12, 2020

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

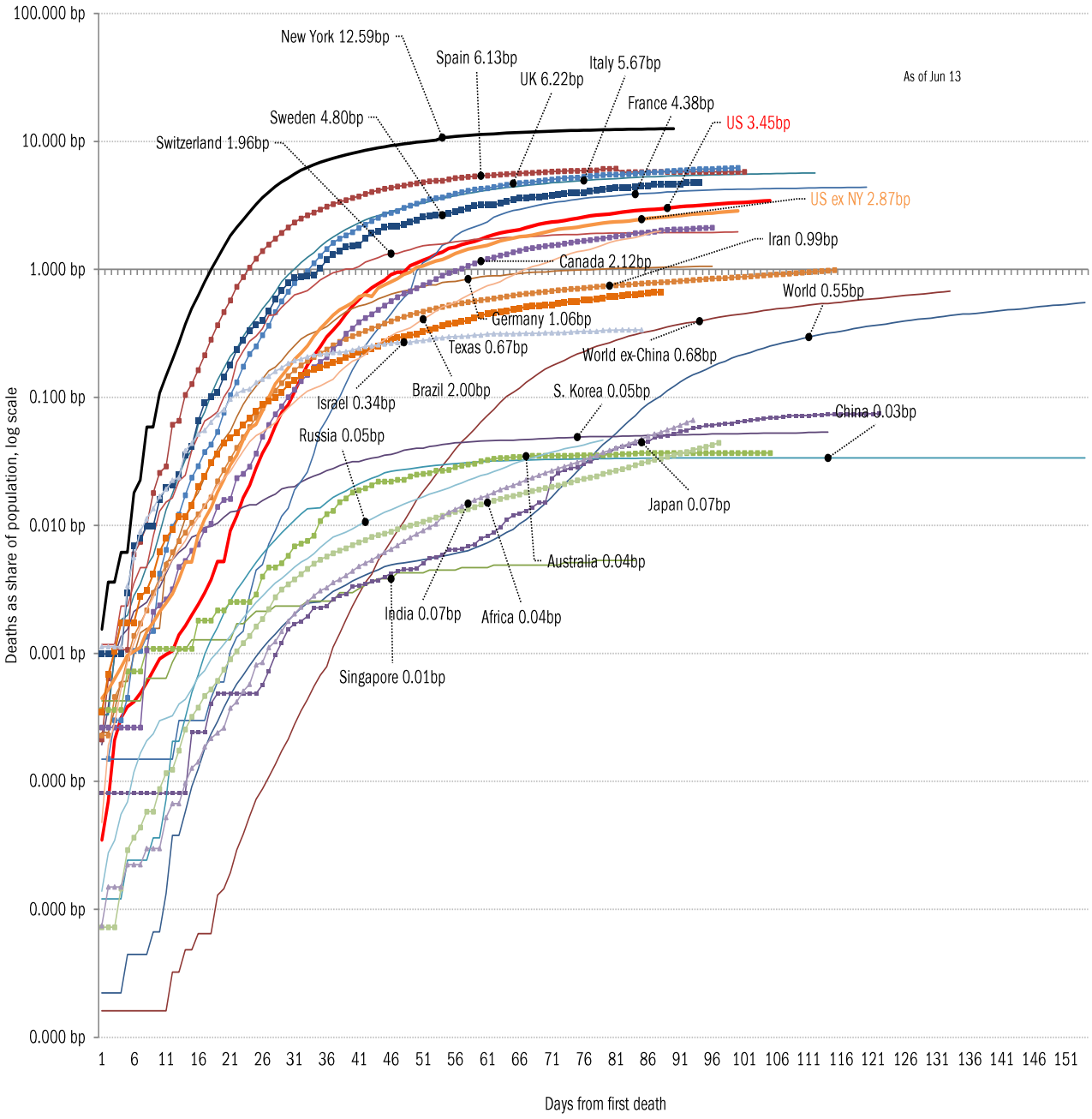
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

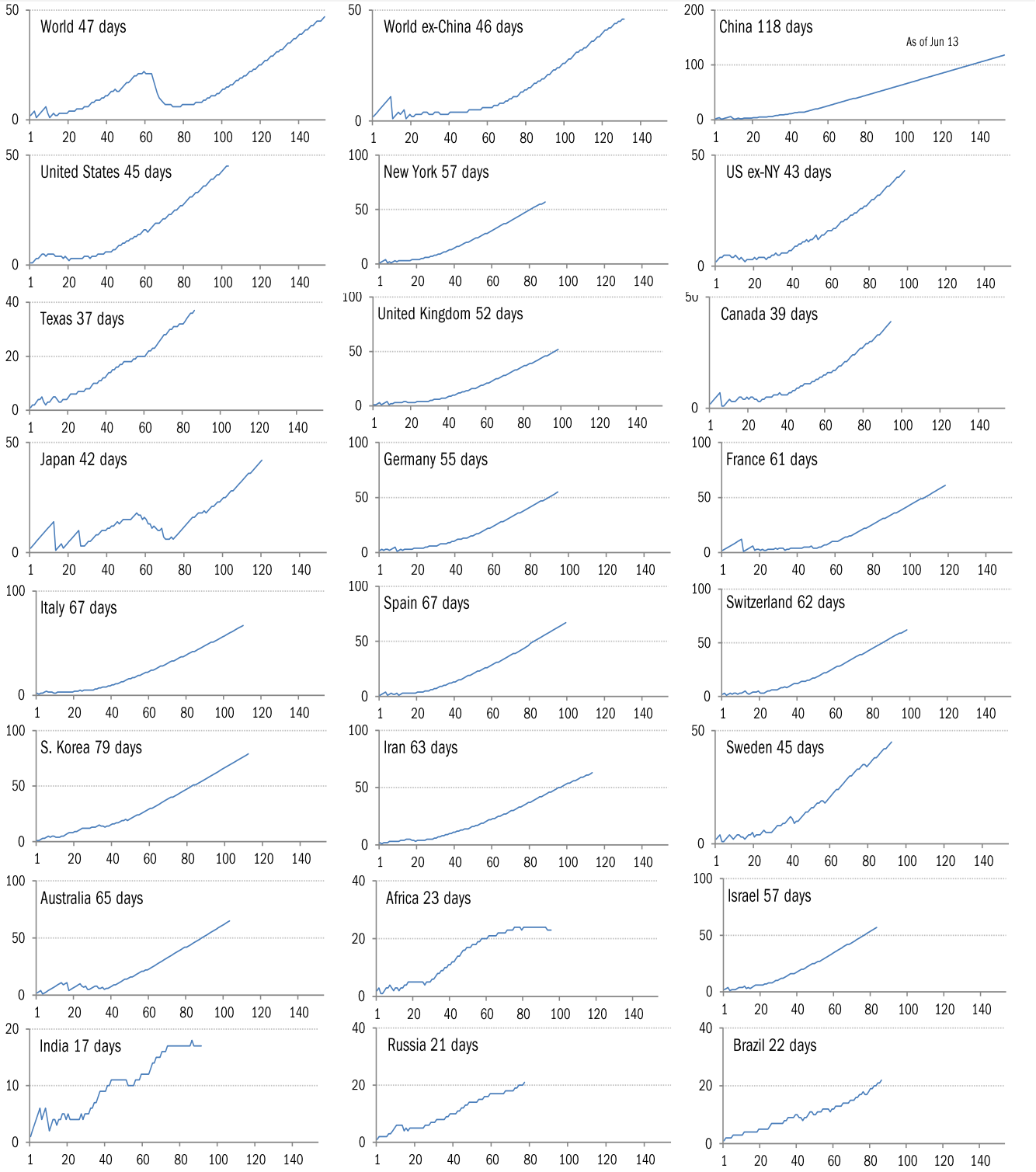
Share of deceased population from day of first fatality



Source: ECDC, TrendMacro calculations

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

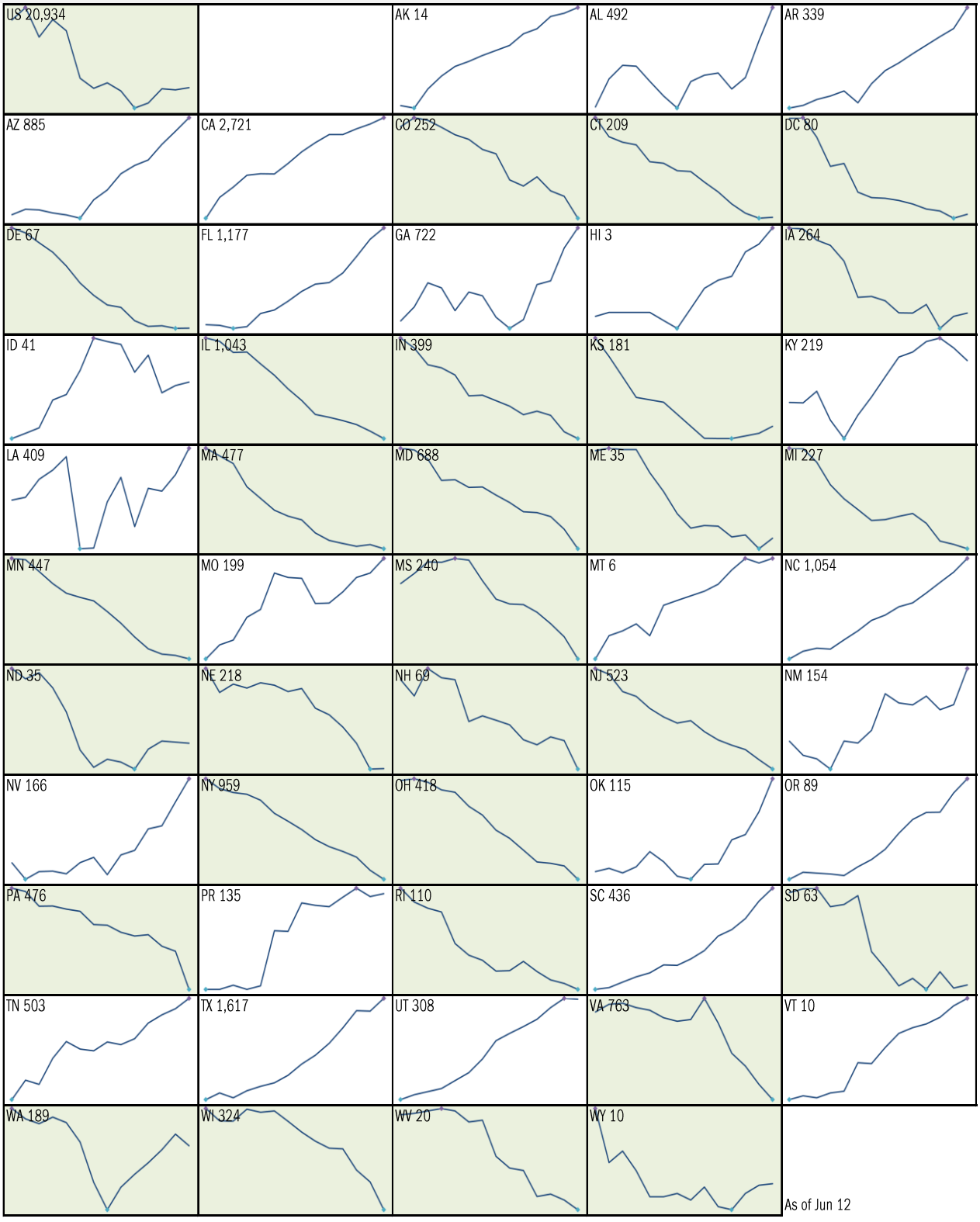
Vertical: number of days it takes to double deaths Horizontal: days from first death



Source: ECDC, TrendMacro calculations

Requirement to Open Up America Again: 14-day "downward trajectory" in new cases

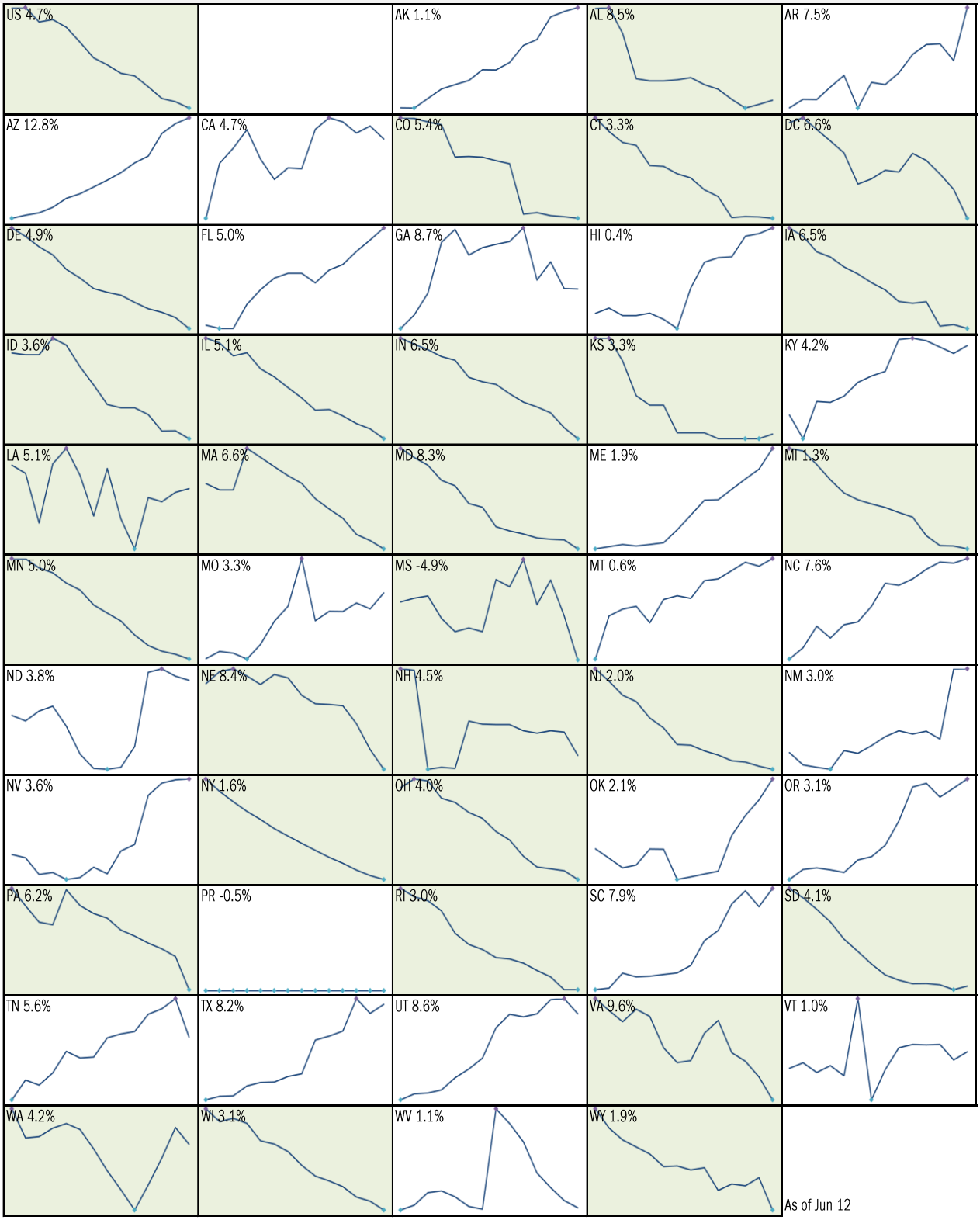
14-day moving average, last 14 days Most recent value displayed • High • Low



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

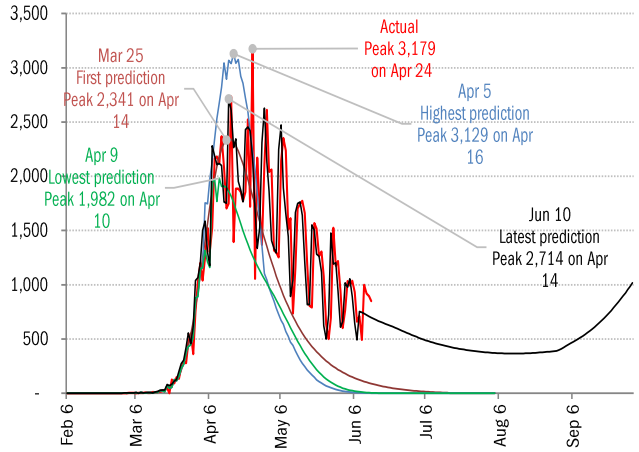


Source: [Covid Tracking Project](), TrendMacro calculations

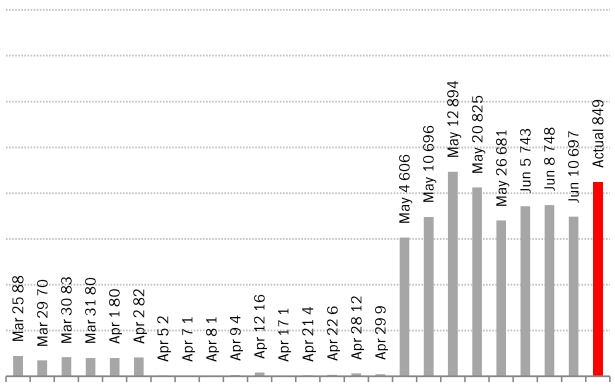
Reality-checking the models: actuals *versus* IHME predictions

New daily fatalities As of Jun 13

Actual versus first, highest, lowest and latest model mean predictions

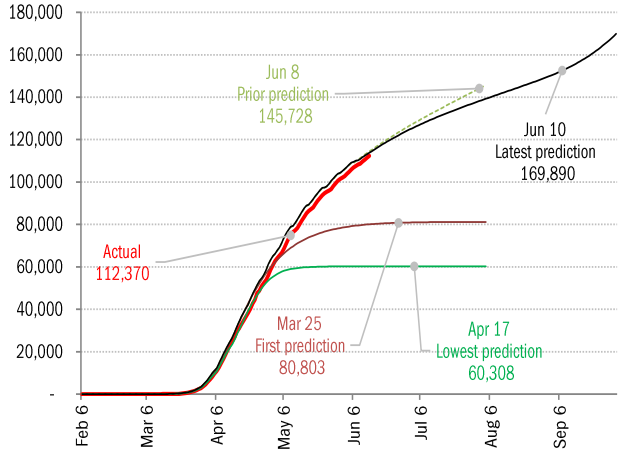


For this day, versus all model mean predictions

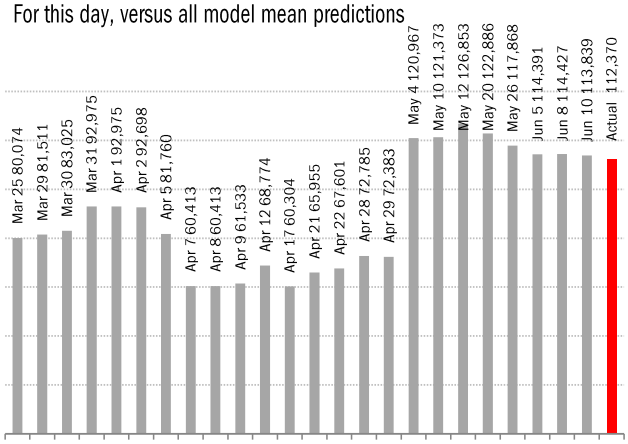


Cumulative fatalities

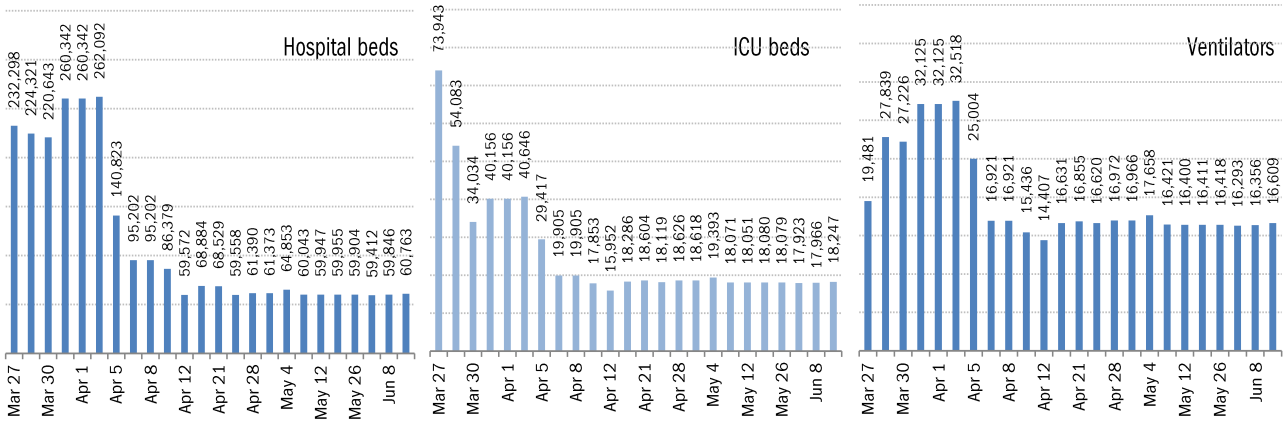
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

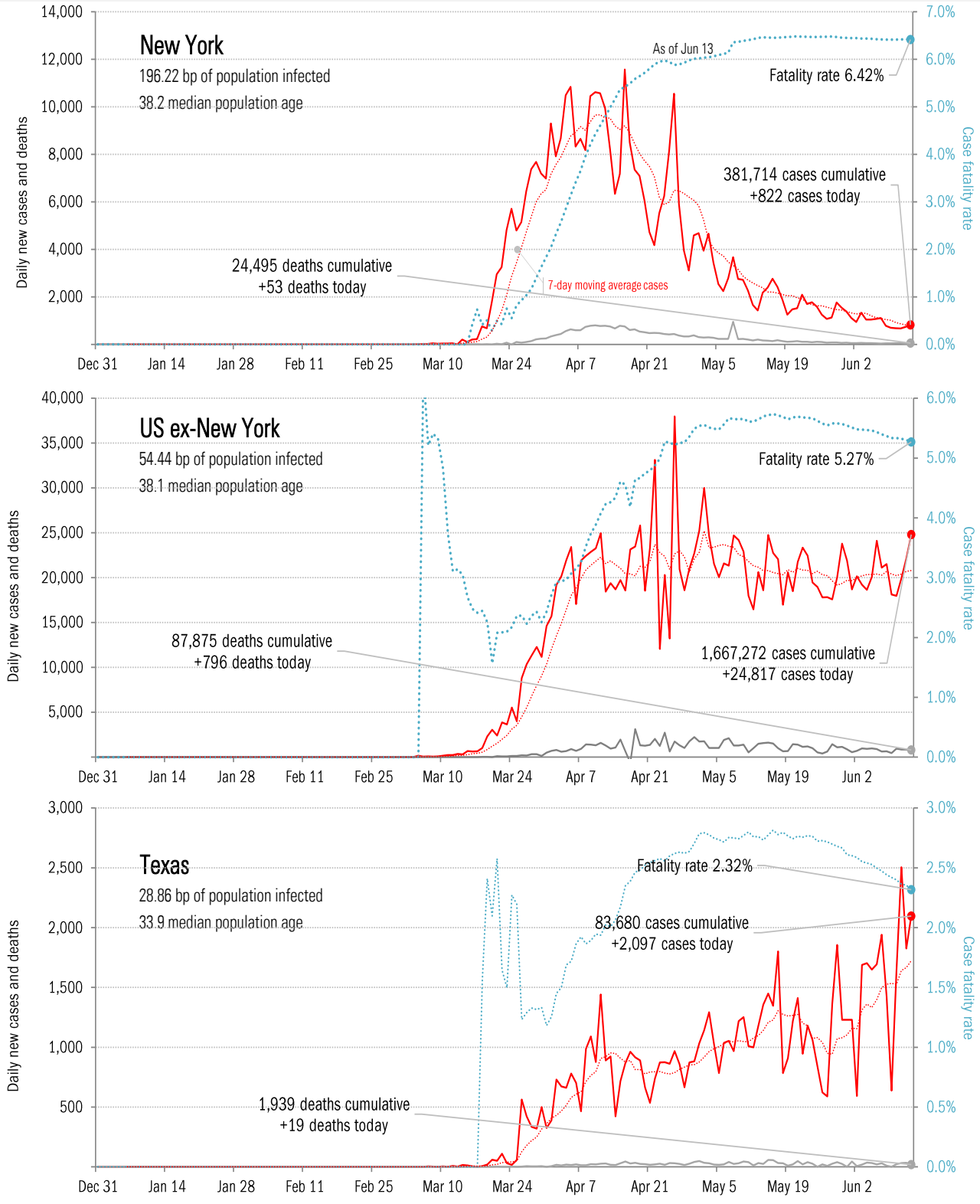


Healthcare system stress, peak estimated at each model revision



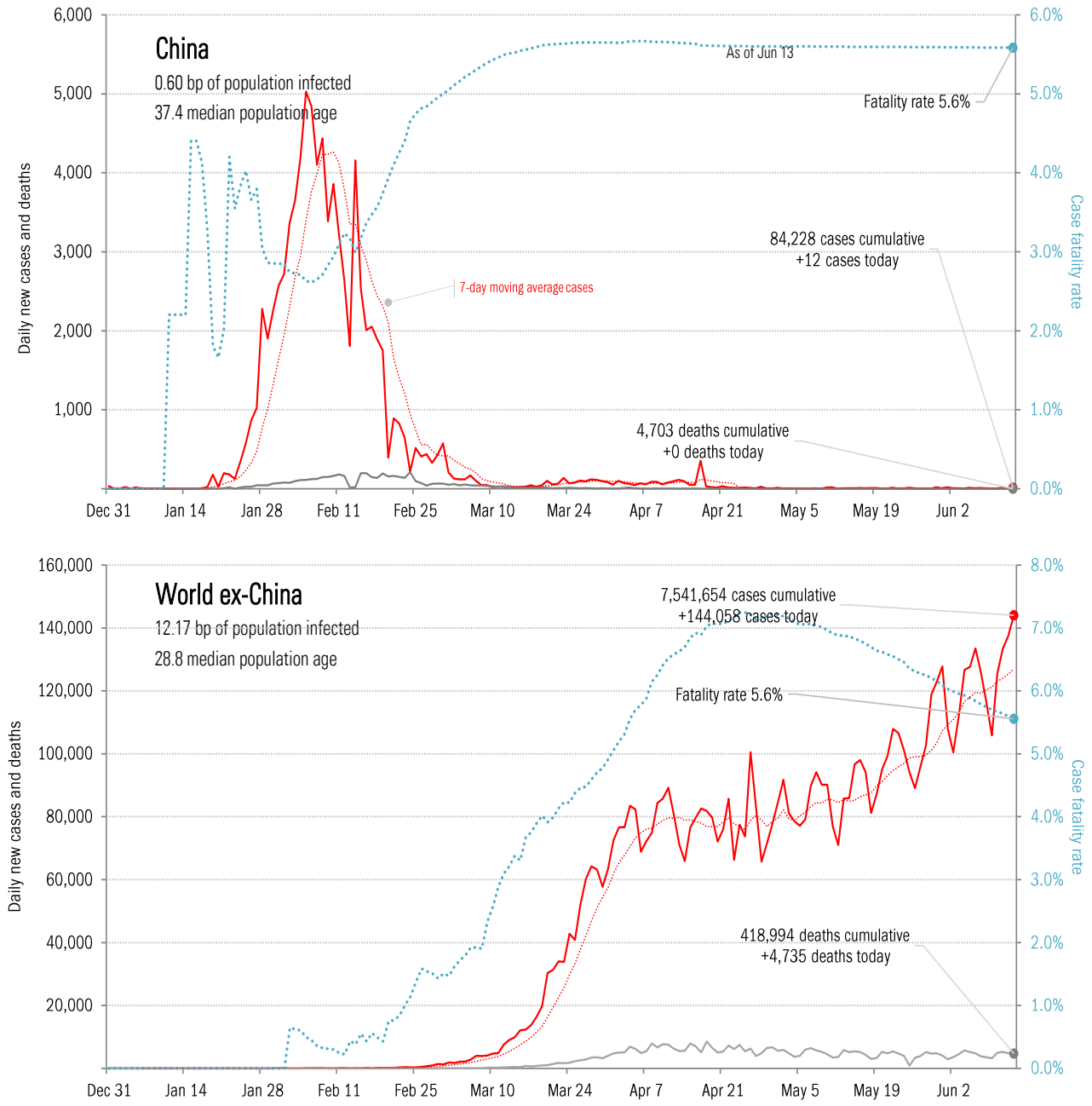
Source: ECDC, IHME, TrendMacro calculations

From Ground Zero to the Rio Grande



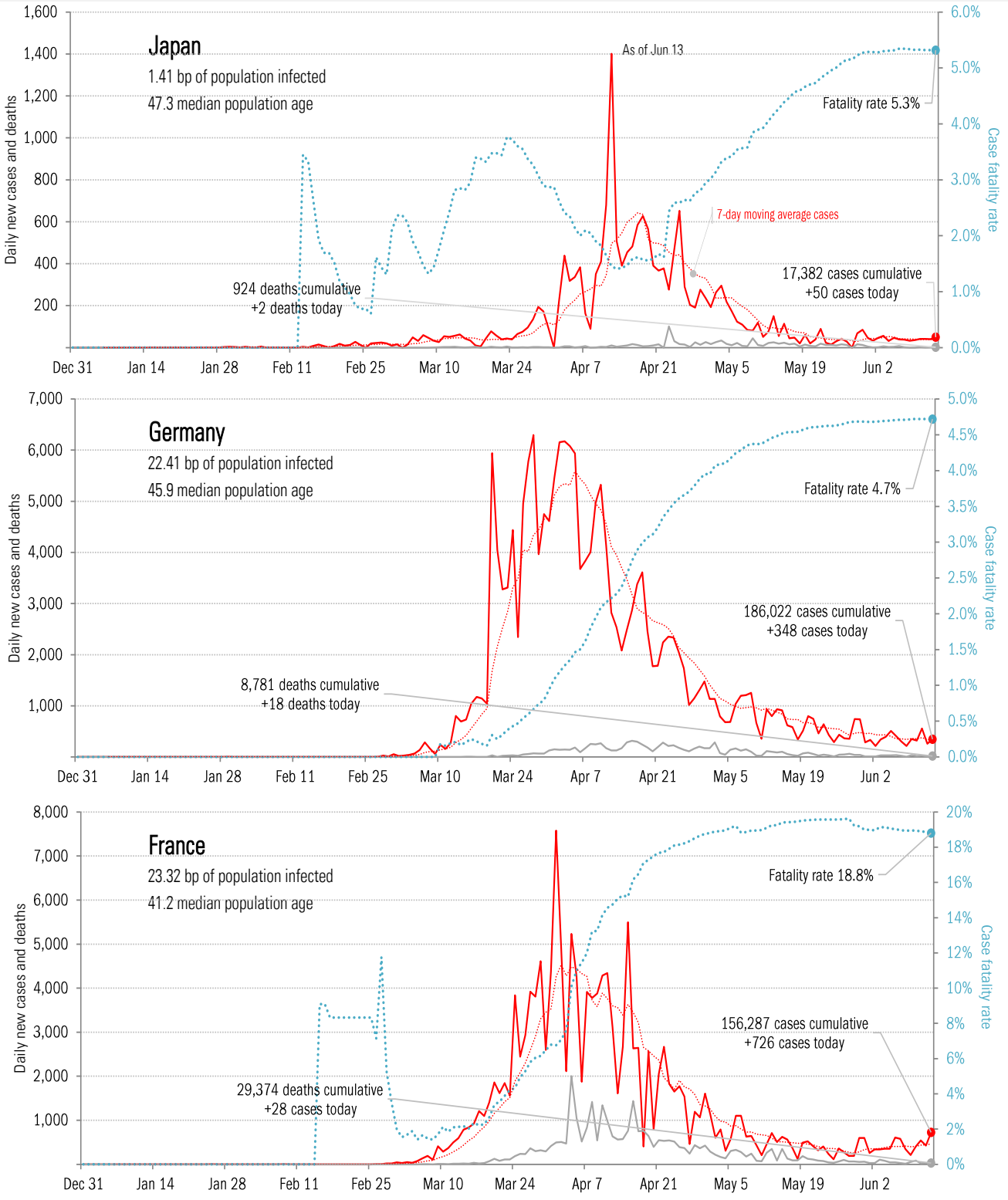
Source: ECDC, TrendMacro calculations

Patient zero… and then everyone else



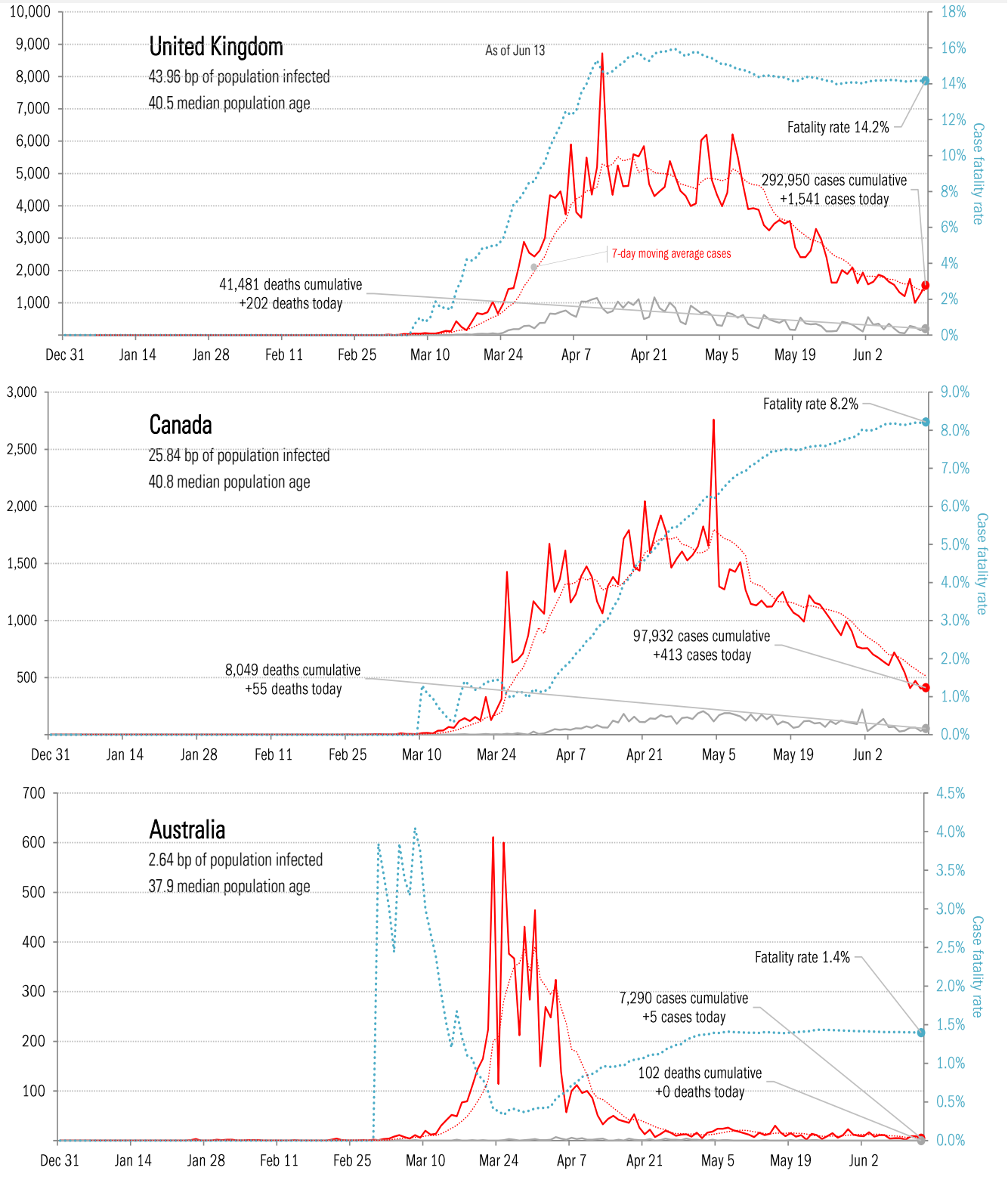
Source: ECDC, TrendMacro calculations

Impact in the largest economies



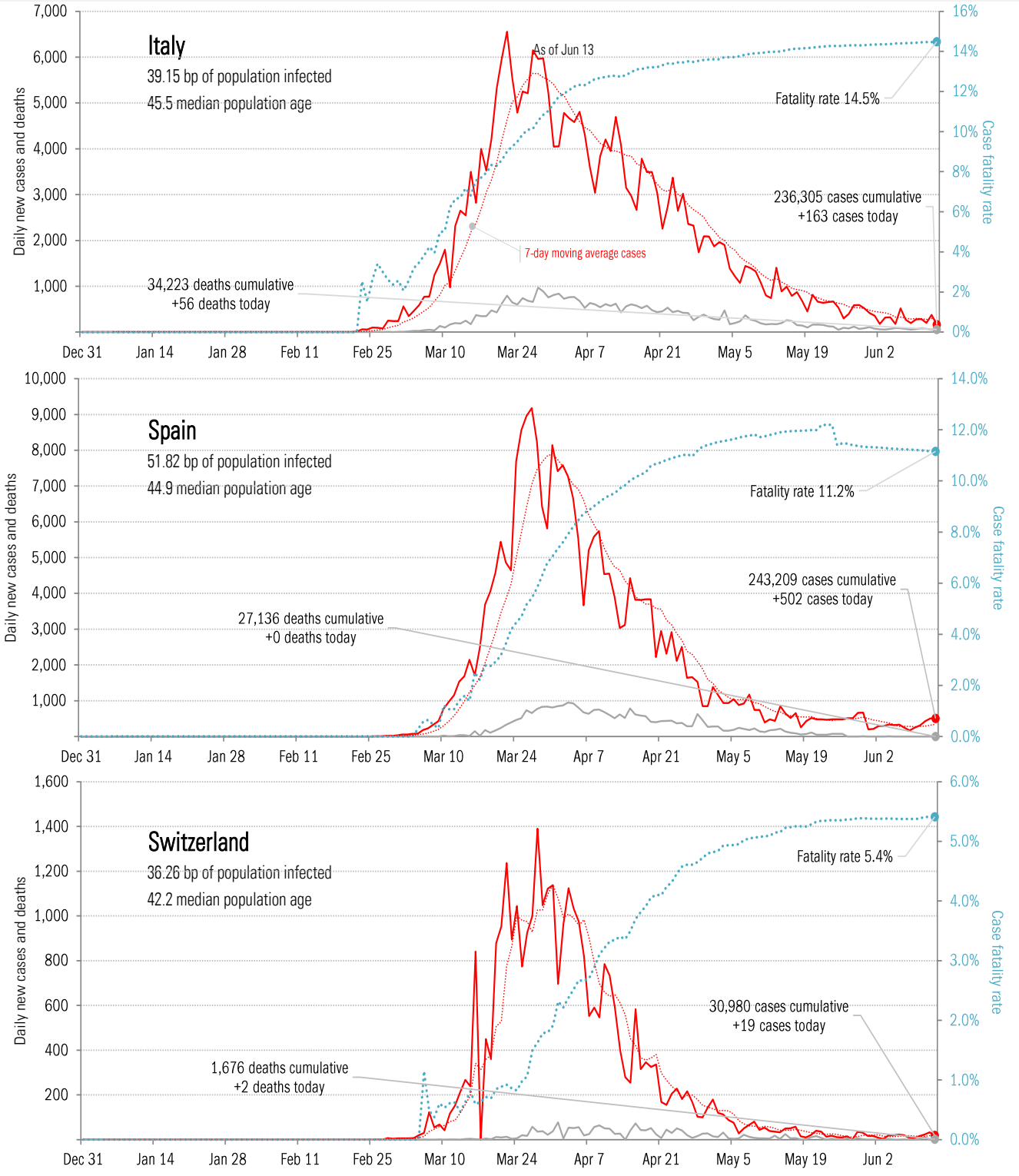
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



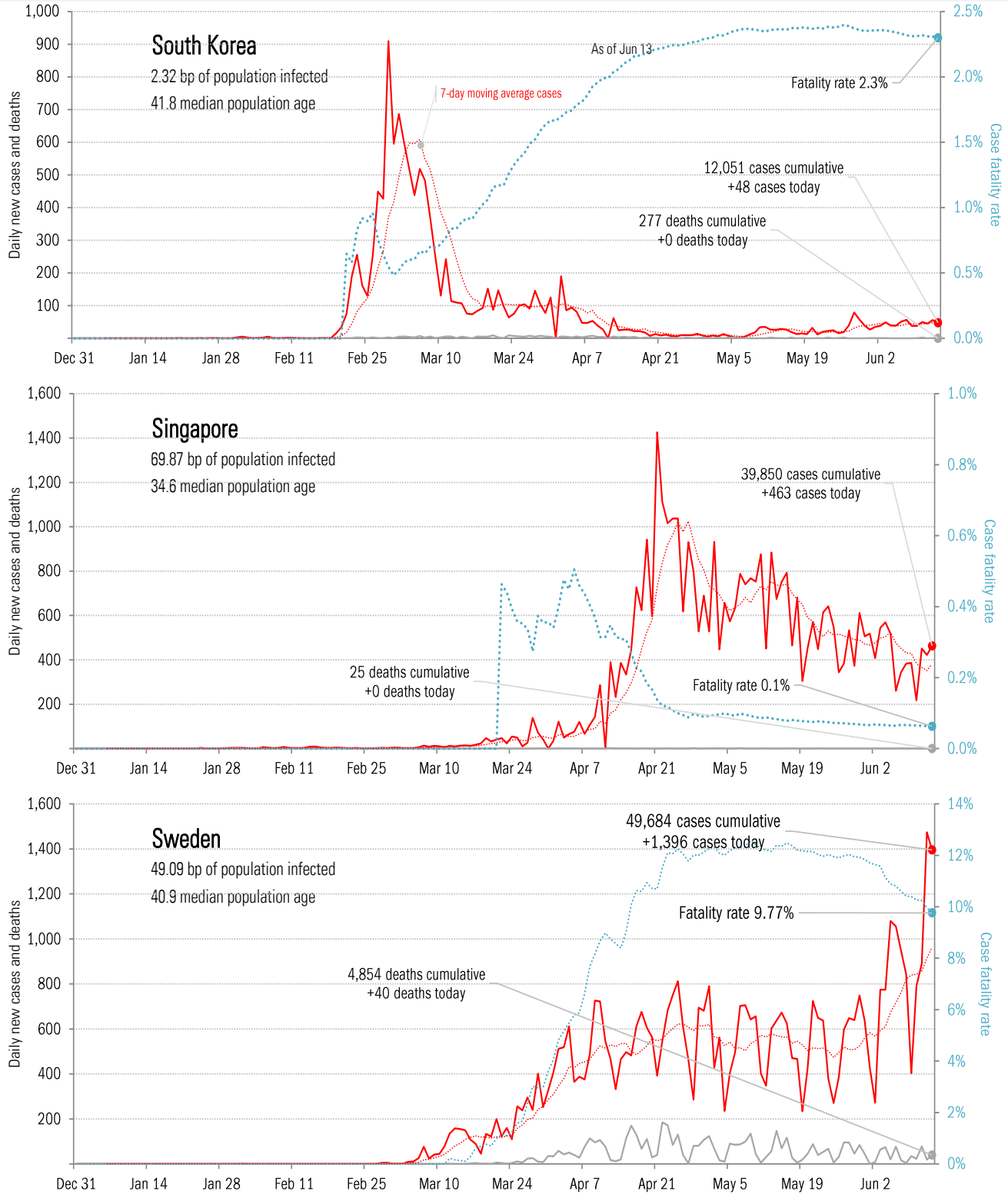
Source: ECDC, TrendMacro calculations

Impact in continental Europe



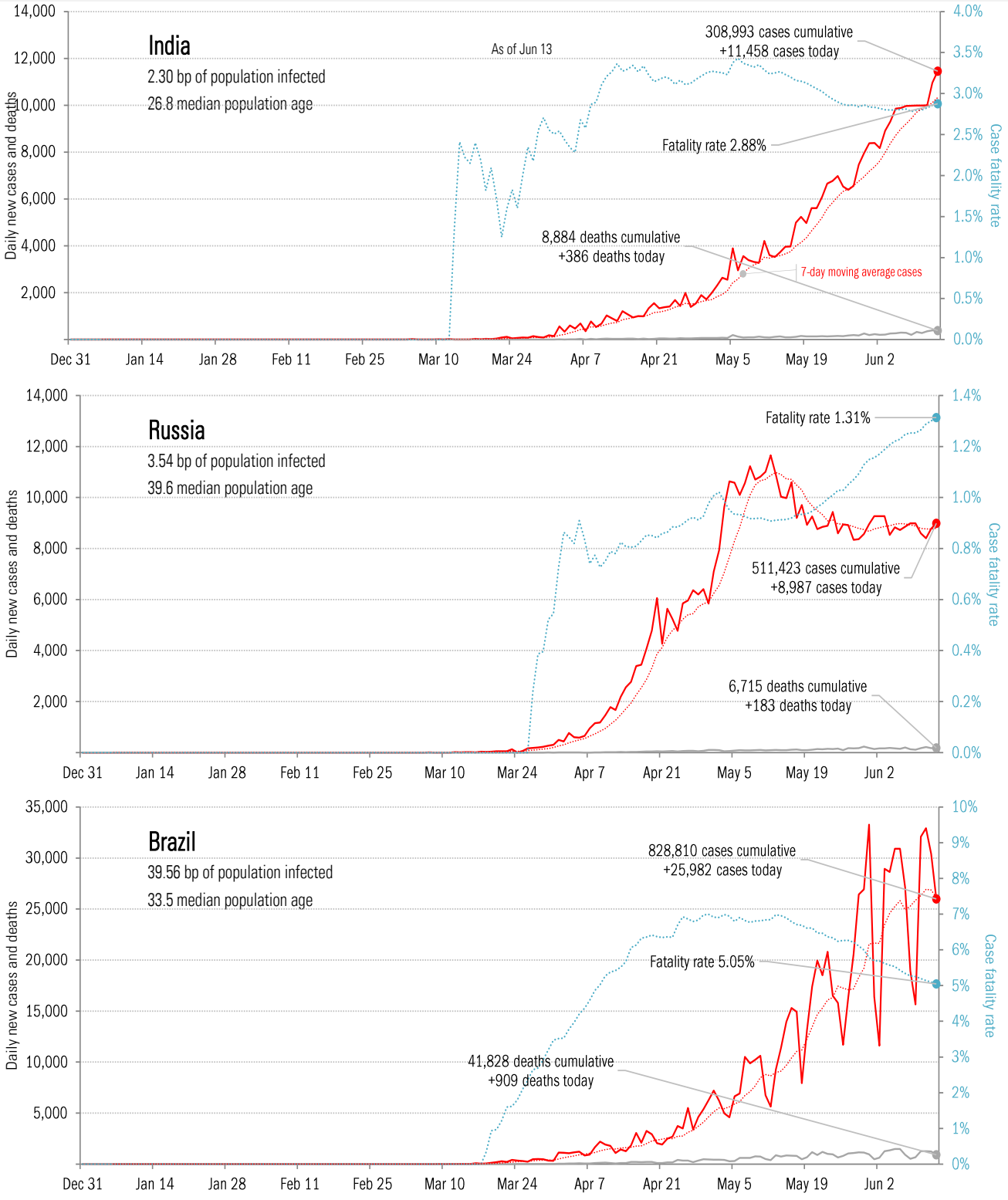
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



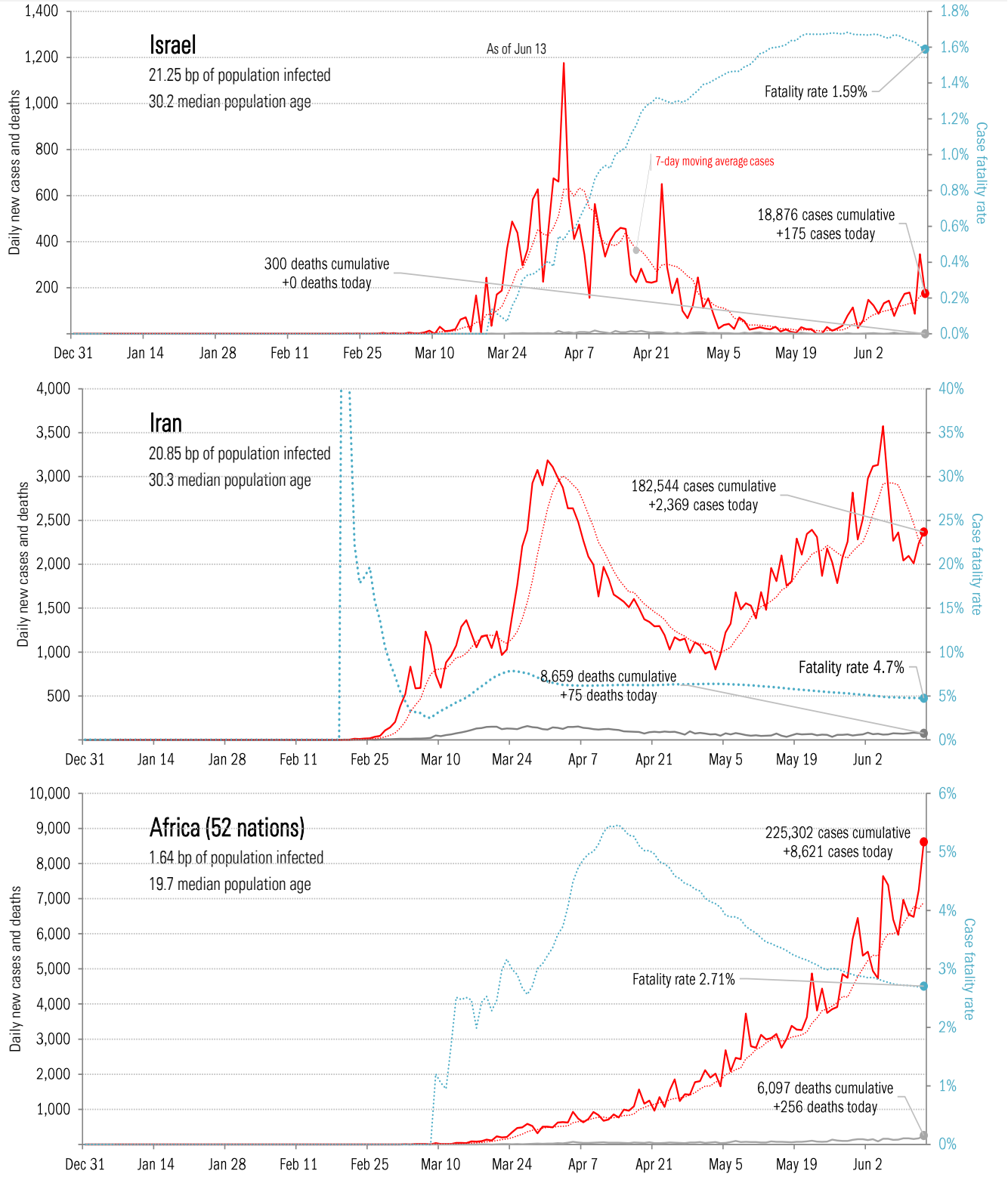
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations