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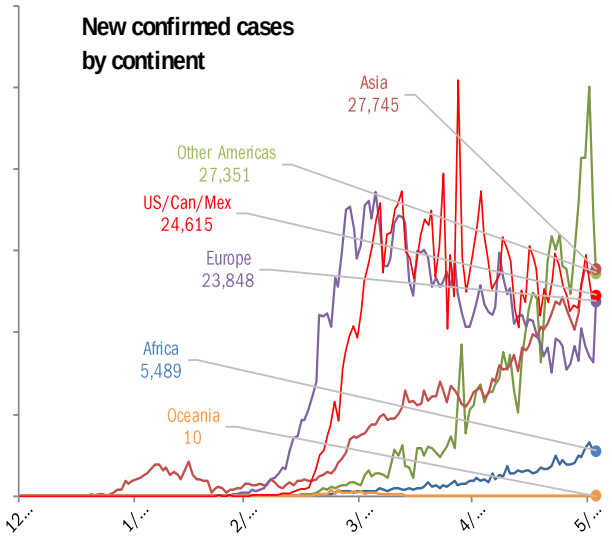
Data Insights: Covid-2019 Monitor

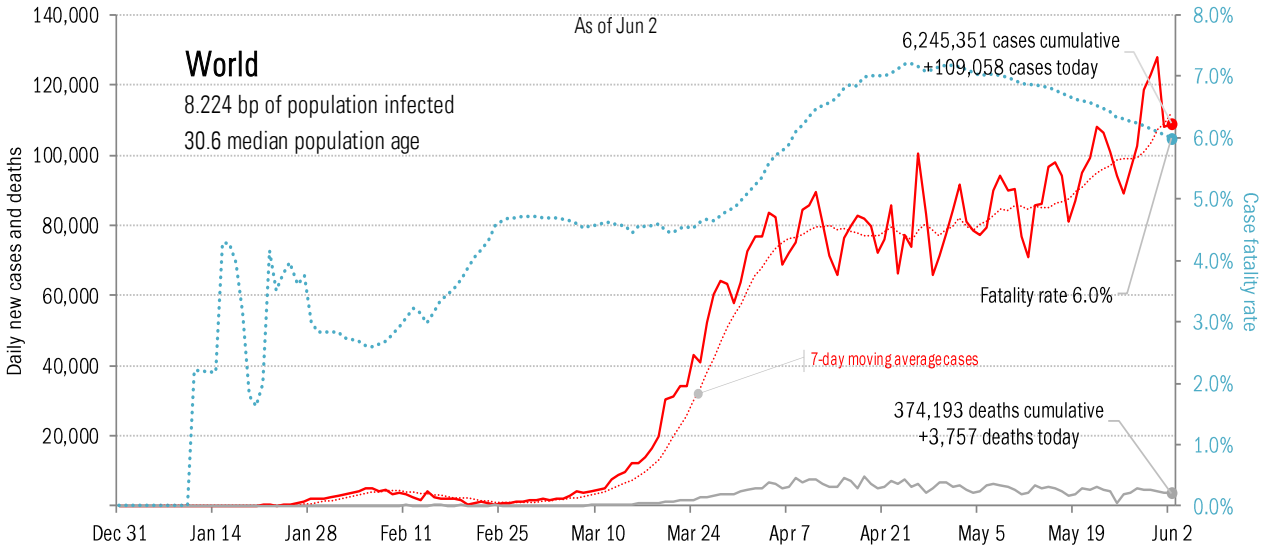
Tuesday, June 2, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+21,086	US	+764
Russia	+17,898	Brazil	+623
Brazil	+11,598	UK	+556
India	+8,171	Russia	+344
Peru	+5,563	Mexico	+237
Chile	+5,471	India	+204
Pakistan	+3,938	Peru	+128
Iran	+2,979	Iran	+81
Mexico	+2,771	Pakistan	+78
Bangladesh	+2,381	Italy	+60
	+81,856		+3,075
World	+109,058	World	+3,757
Top ten	75%	Top ten	82%





Source: ECDC, TrendMacro calculations

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The US scorecard

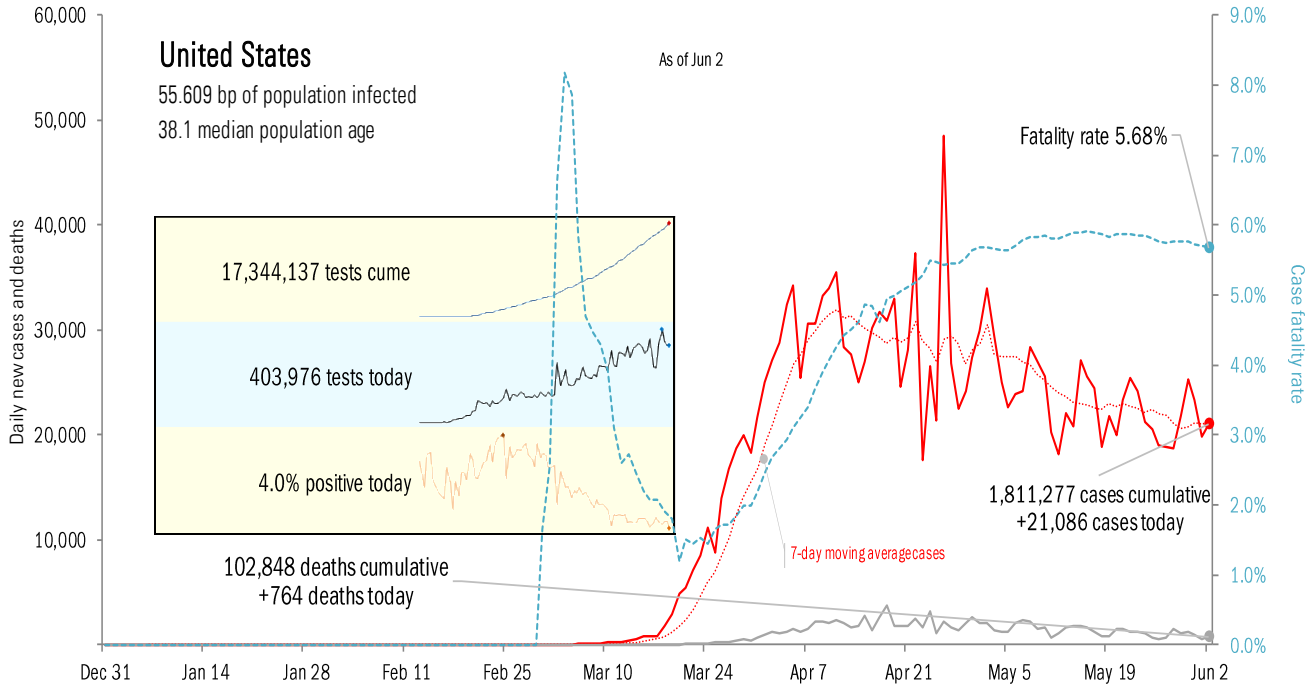
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
CA	+2,423	NY	+54	CT	+1,255	NY	371,711	NY	23,959	NY	89,703
IL	+974	OH	+51	IN	+575	NJ	160,918	NJ	11,721	NJ	17,222
NY	+941	CA	+38	GA	+181	IL	121,234	MA	6,846	CT	13,793
VA	+791	GA	+32	MD	+148	CA	113,006	PA	5,567	FL	10,494
NC	+674	MI	+25	NY	+113	MA	96,965	MI	5,516	MA	9,823
FL	+667	NJ	+23	OH	+63	PA	72,898	IL	5,412	MD	8,886
GA	+632	IL	+22	FL	+41	TX	64,880	CA	4,251	GA	8,127
TX	+593	MD	+20	MN	+39	MI	57,532	CT	3,964	VA	7,326
MD	+549	CT	+20	NJ	+25	FL	56,830	LA	2,801	OH	6,112
TN	+548	VA	+17	MS	+24	MD	53,327	MD	2,552	IN	5,860
	+8,792		+302		+2,464		1,169,301		72,589		177,346
All states	+16,191	All states	+469	All states	+2,621	All states	1,799,761	All states	99,005	All states	212,704
Top ten	54%	Top ten	64%	Top ten	94%	Top ten	65%	Top ten	73%	Top ten	83%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-1,356	MA	-78	VA	-110	NC	+3,906
CA	-1,282	NJ	-41	NY	-77	LA	+3,028
MA	-664	TX	-40	NJ	-51	MS	+1,802
AZ	-494	IL	-38	FL	-37	TX	+915
MI	-378	CA	-19	MA	-34	MN	+746



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

Recommended reading

[The Protest That Ended Social Distancing]
Michael Tracey
Wall Street Journal
June 1, 2020

[The Lancet's Politicized Science on Antimalarial Drugs]
Allysia Finley
Wall Street Journal
June 1, 2020

[Russia Coronavirus Cases Rise Past 420K as Deaths Surpass 5K]
Moscow Times
June 2, 2020

[Reopening Is Bigger in Texas]
Crayton Harrison
Bloomberg
June 1, 2020

[Wuhan's Mass Testing May Have Eradicated the Coronavirus]
Bloomberg
June 1, 2020

[Prestigious medical journal urges outpatient use of hydroxychloroquine regimen for COVID-19]
Christine Dolan
Just the News
May 29, 2020

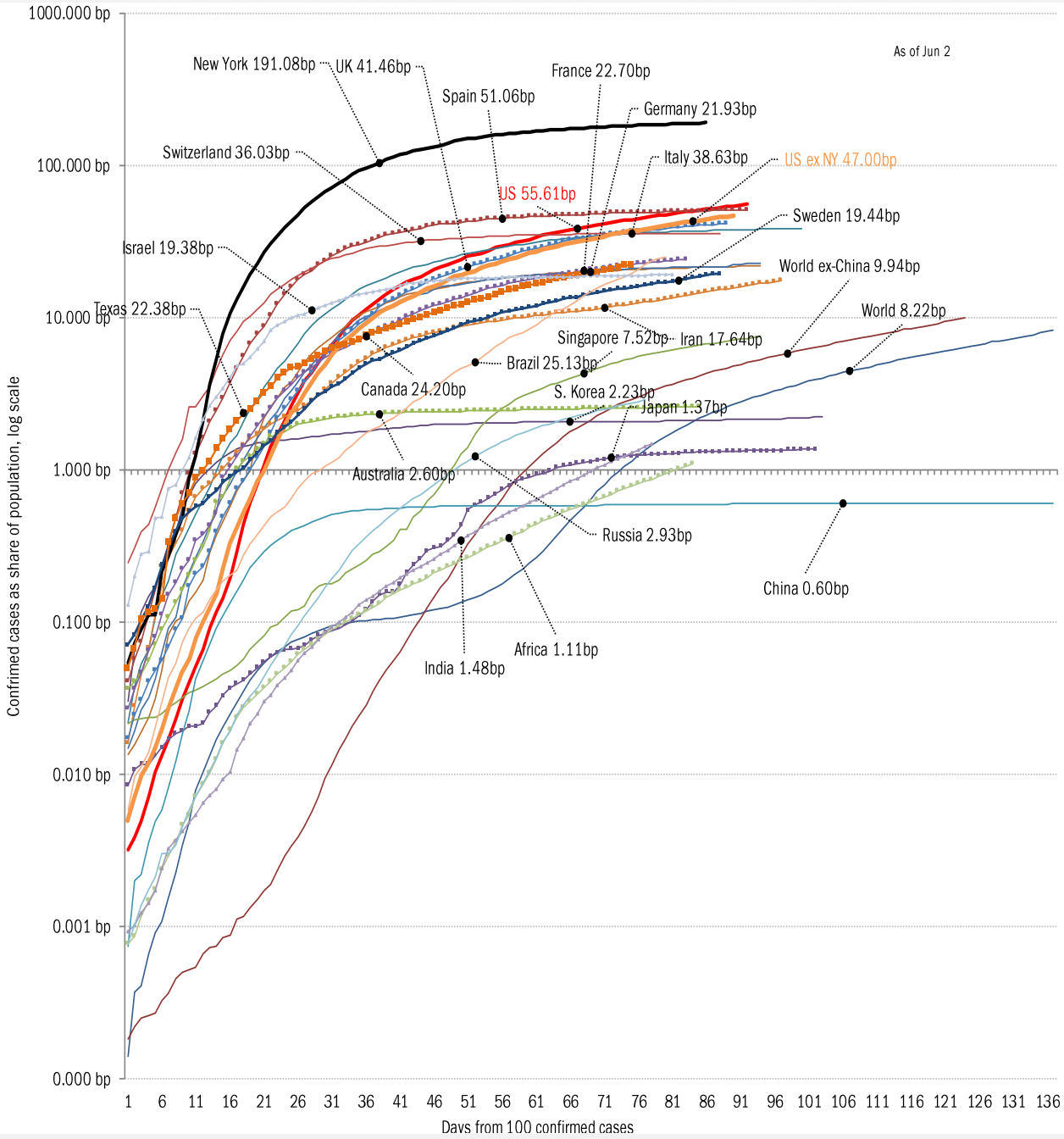
[Survey: US Small Business Owners Say COVID Will Have Lasting Impact on How They Operate]
Goldman Sachs
May 31, 2020

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

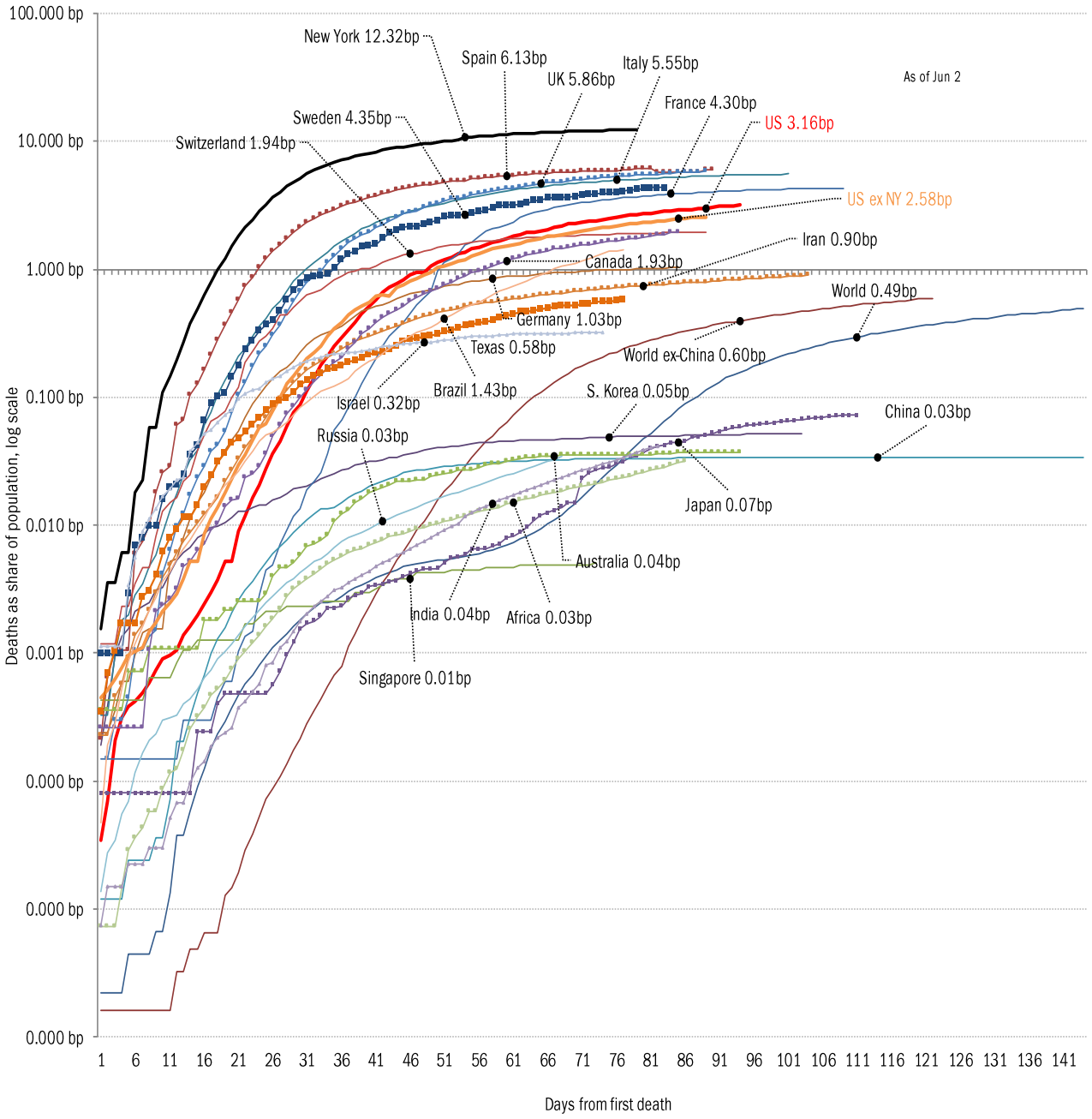
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

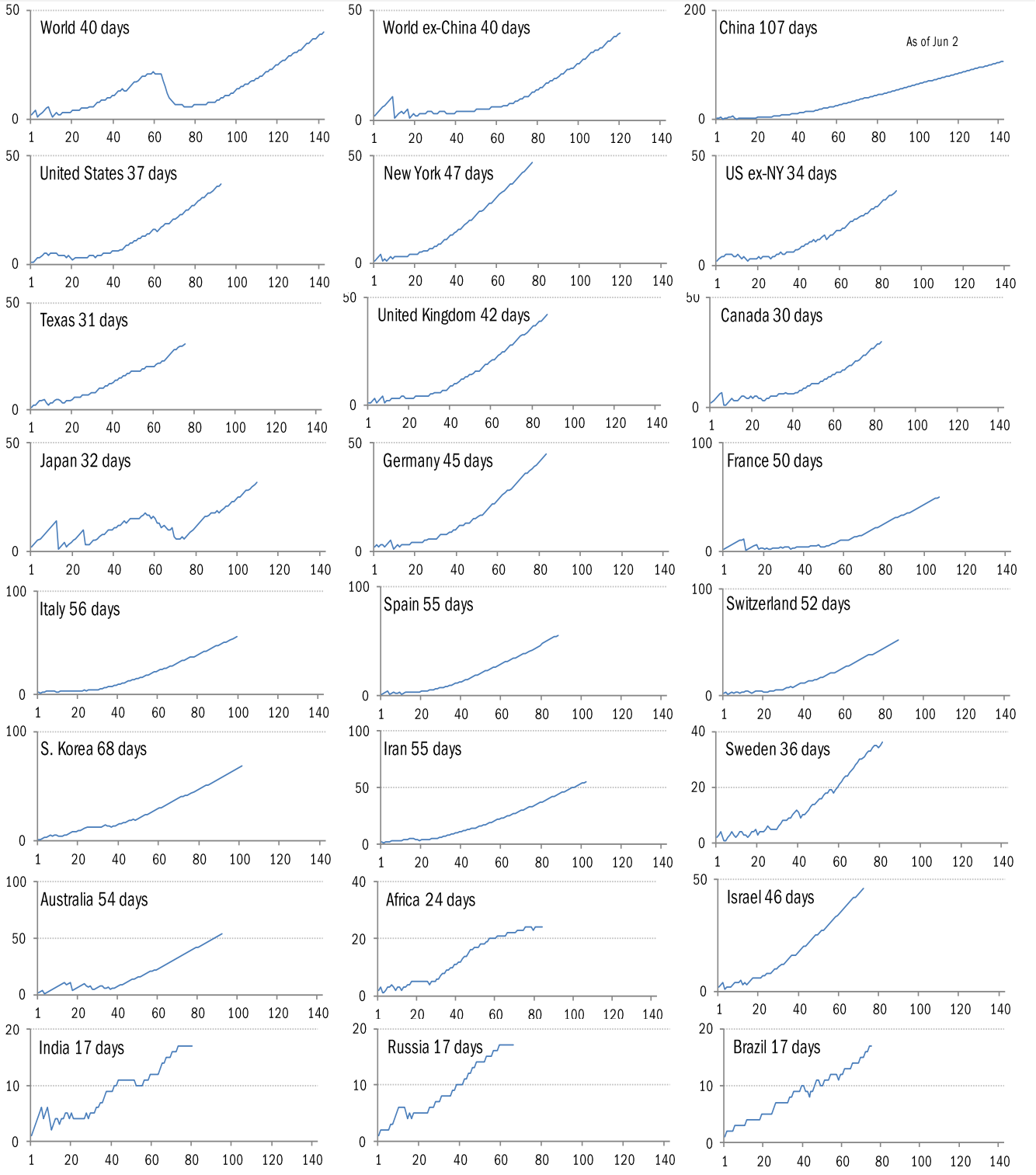
Share of deceased population from day of first fatality



Source: ECDC, TrendMacro calculations

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

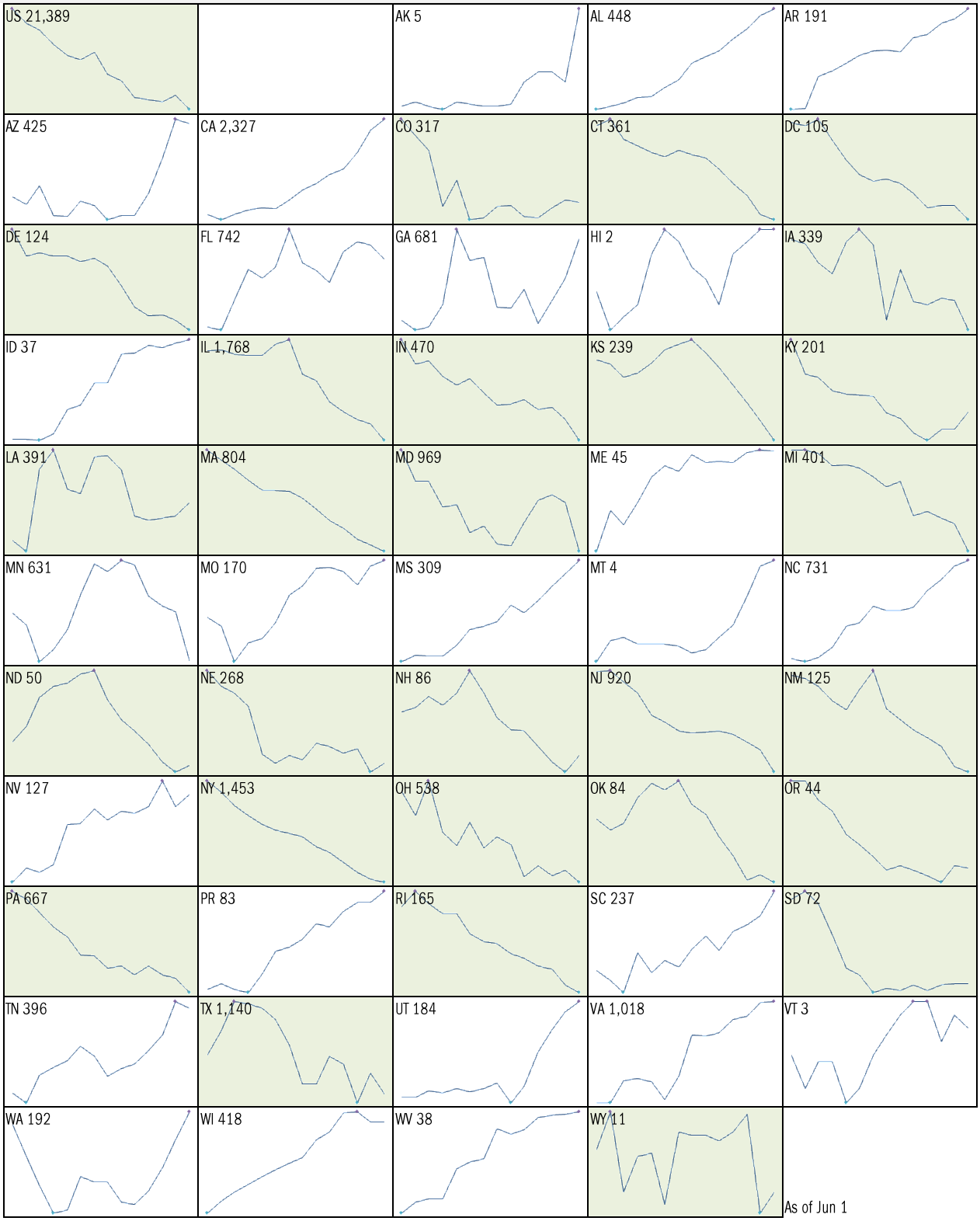
Vertical: number of days it takes to double deaths Horizontal: days from first death



Source: ECDC, TrendMacro calculations

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

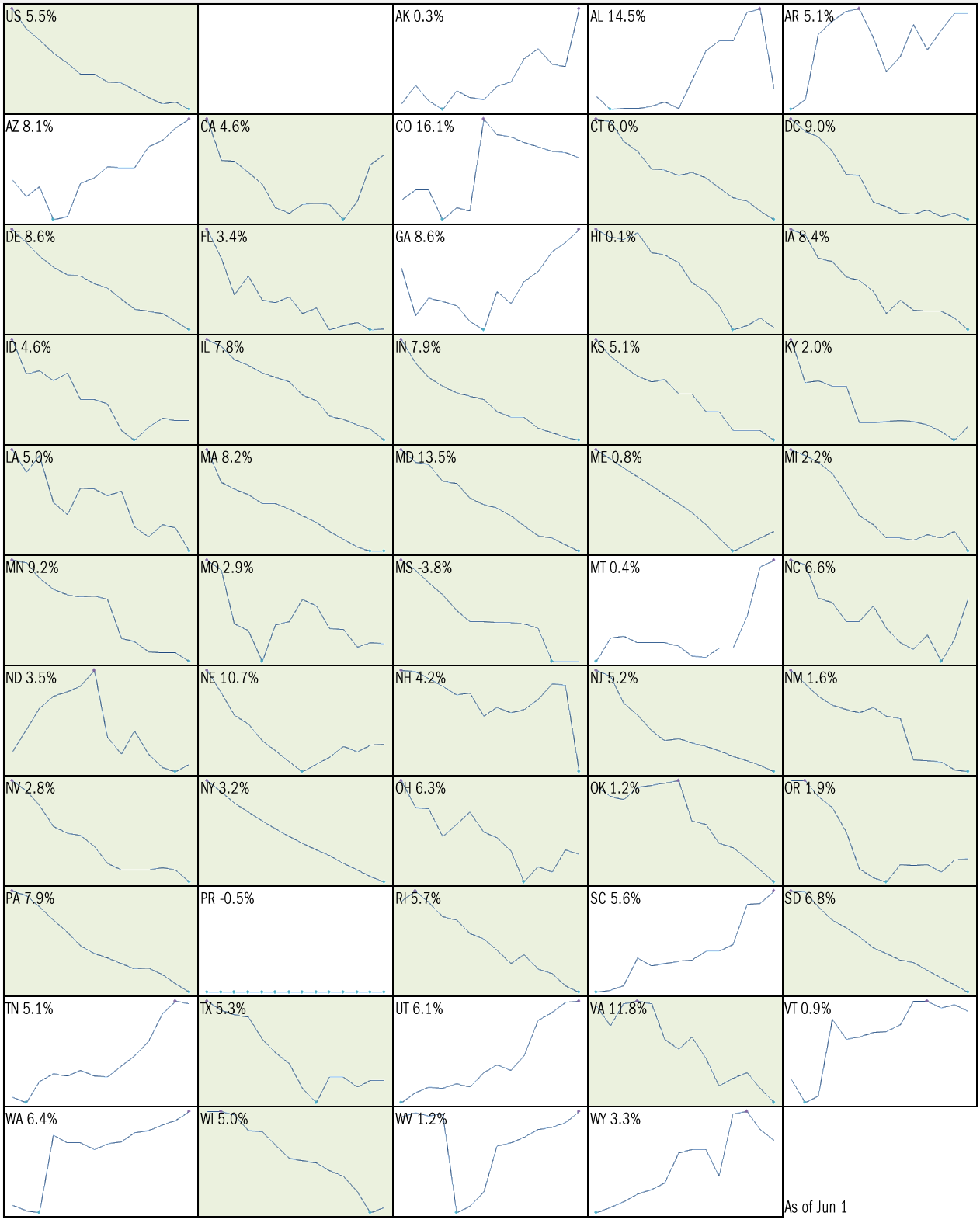
14-day moving average, last 14 days Most recent value displayed • High • Low



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

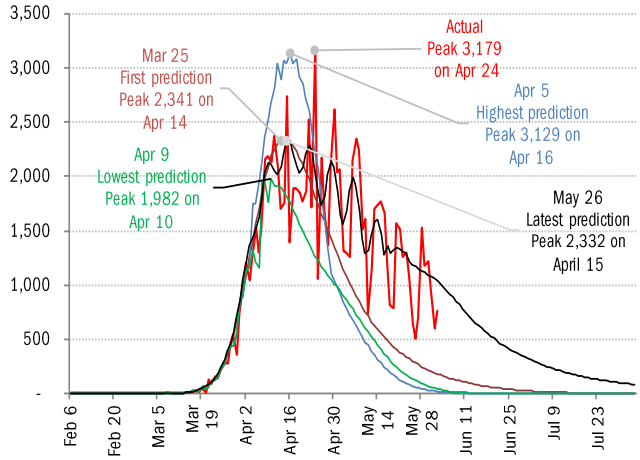


Source: [Covid Tracking Project](), TrendMacro calculations

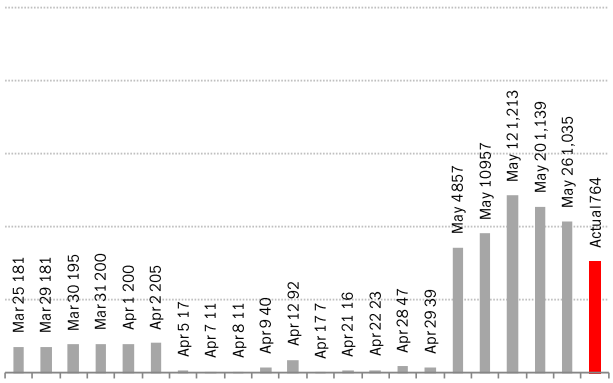
Reality-checking the models: actuals versus IHME predictions

New daily fatalities As of Jun 2

Actual versus first, highest and latest model mean predictions

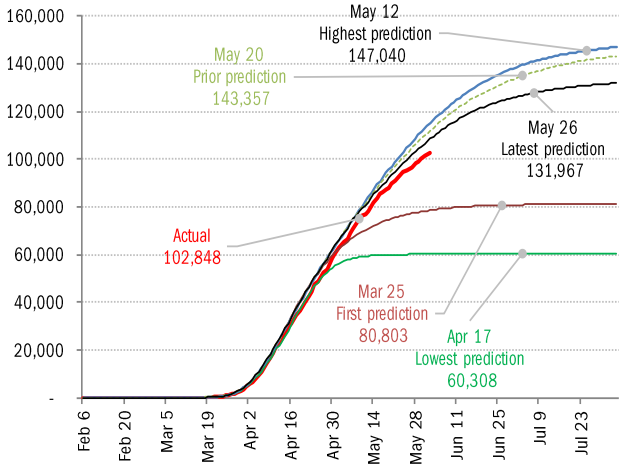


For this day, versus all model mean predictions

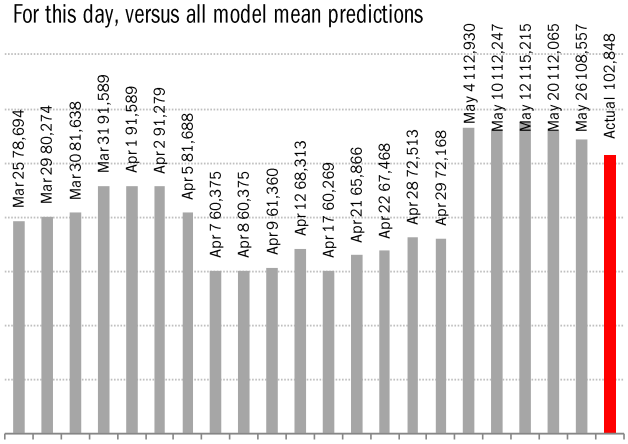


Cumulative fatalities

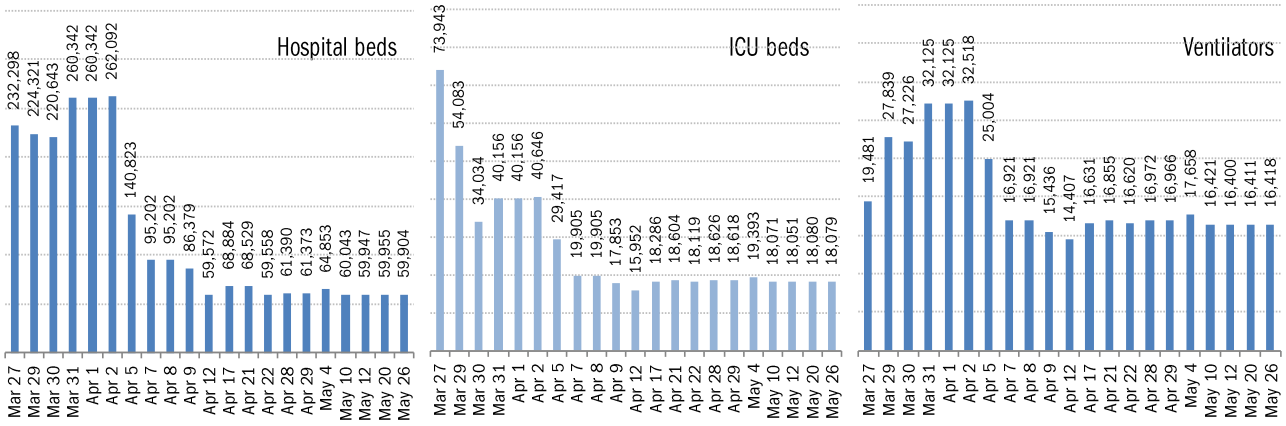
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

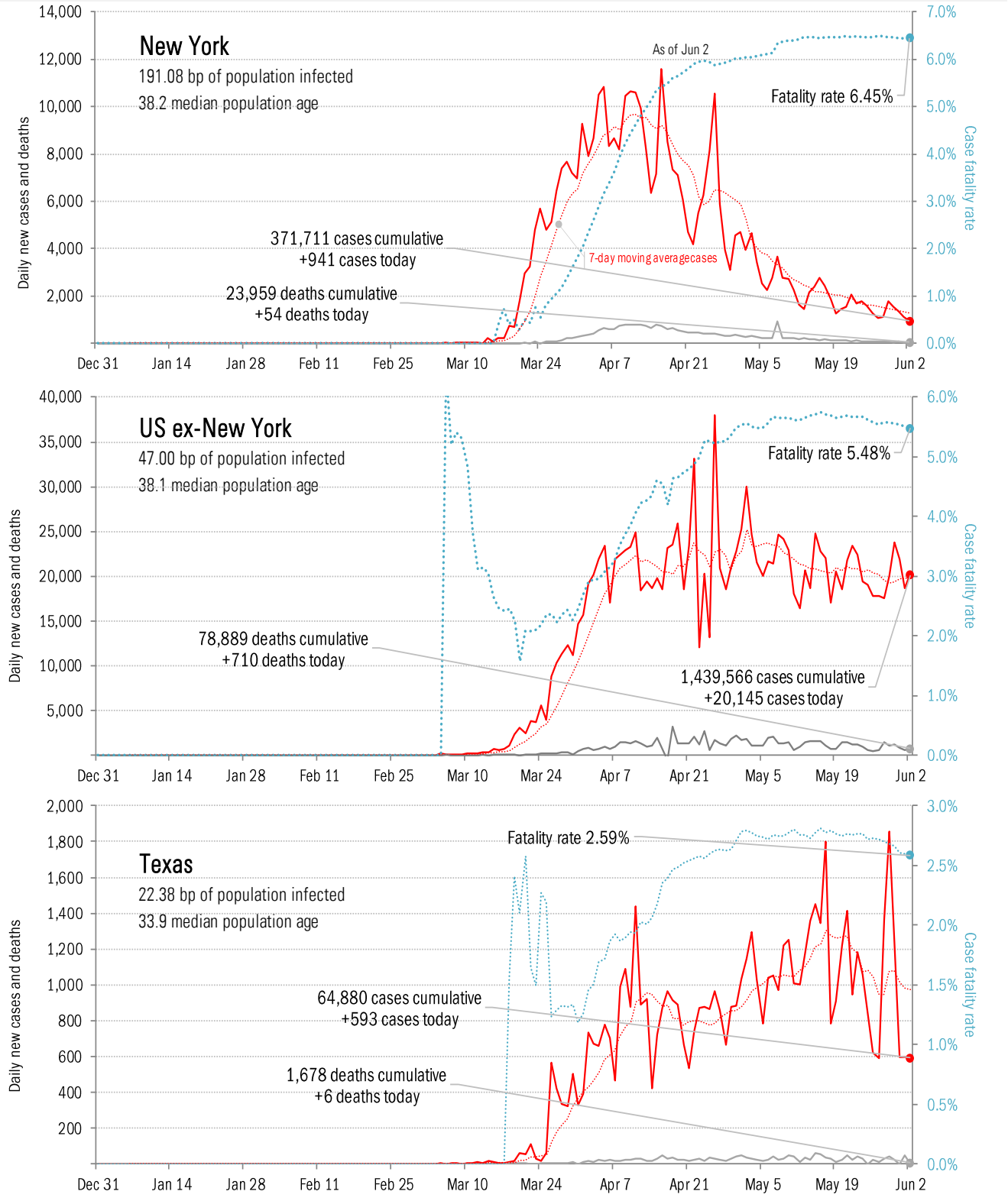


Healthcare system stress, peak estimated at each model revision



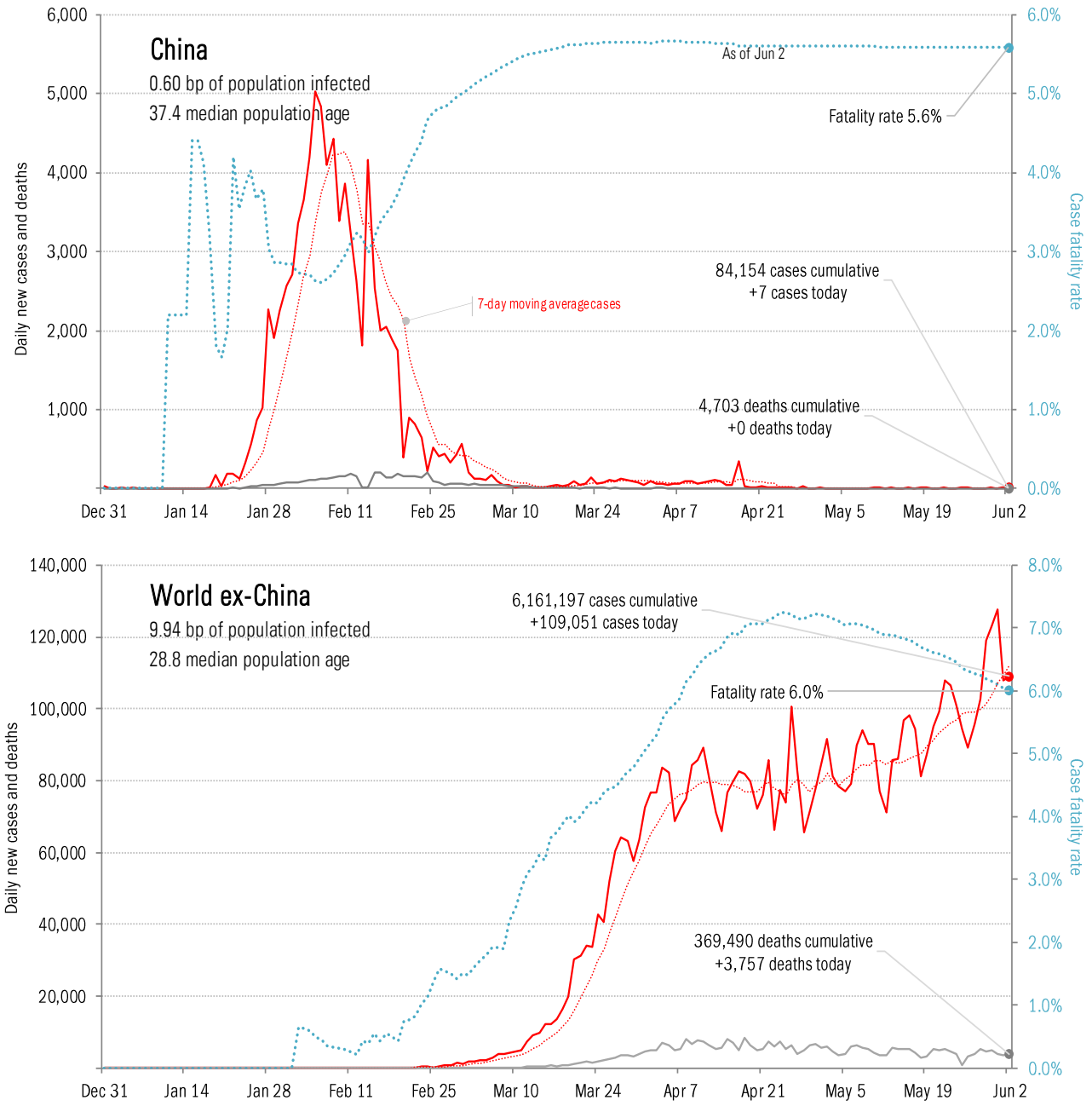
Source: ECDC, IHME, TrendMacro calculations

From Ground Zero to the Rio Grande



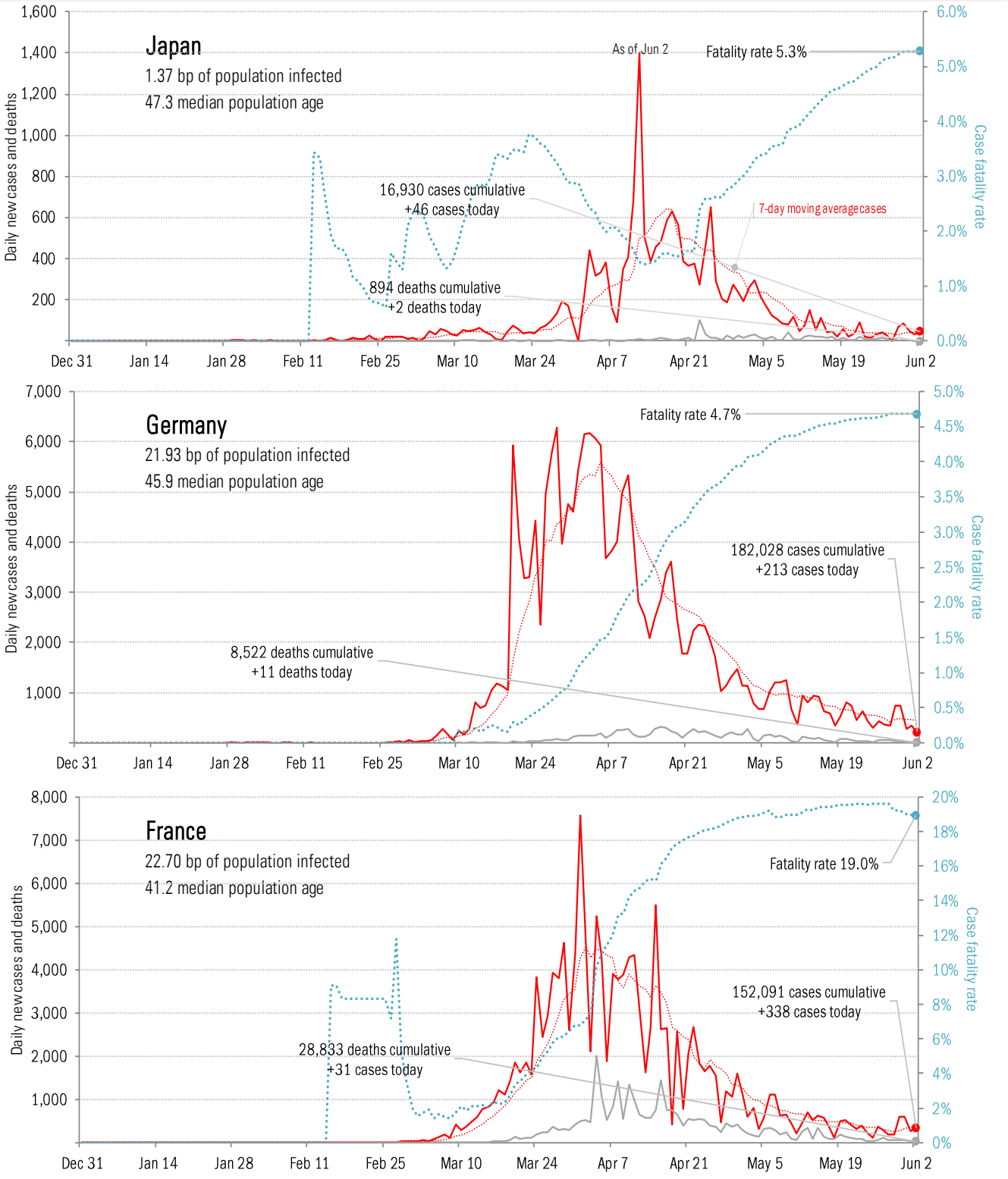
Source: ECDC, TrendMacro calculations

Patient zero… and then everyone else



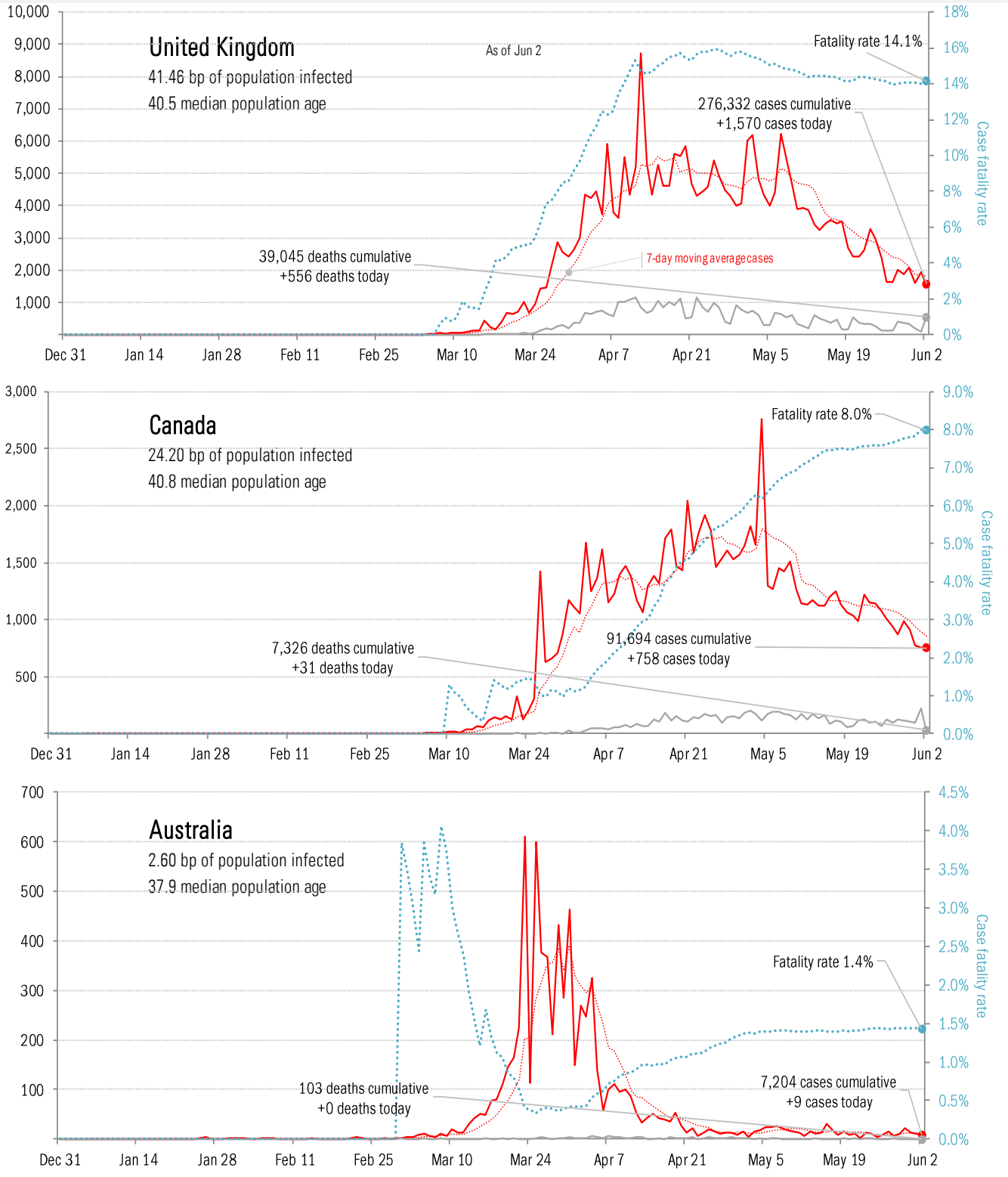
Source: ECDC, TrendMacro calculations

Impact in the largest economies



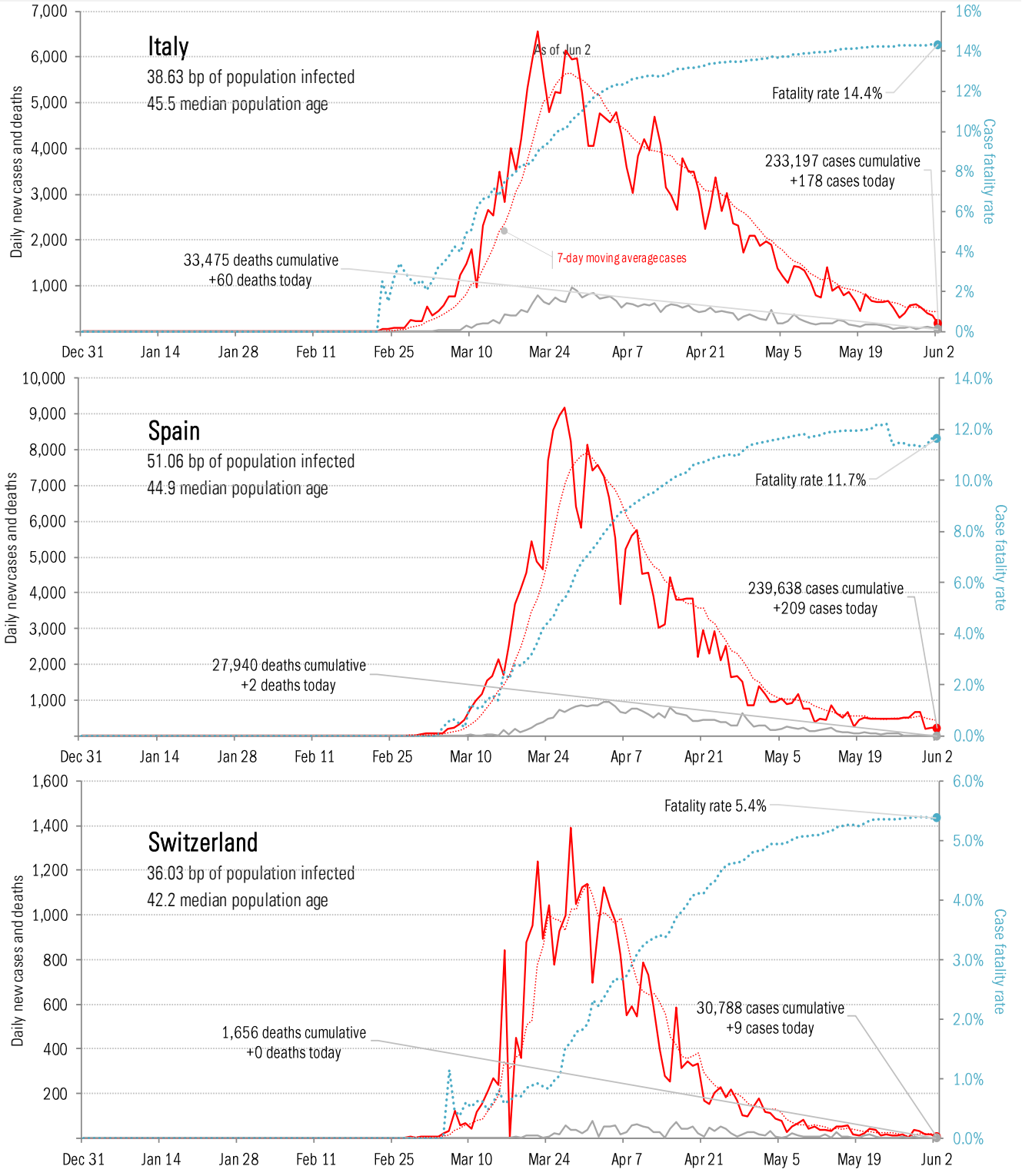
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



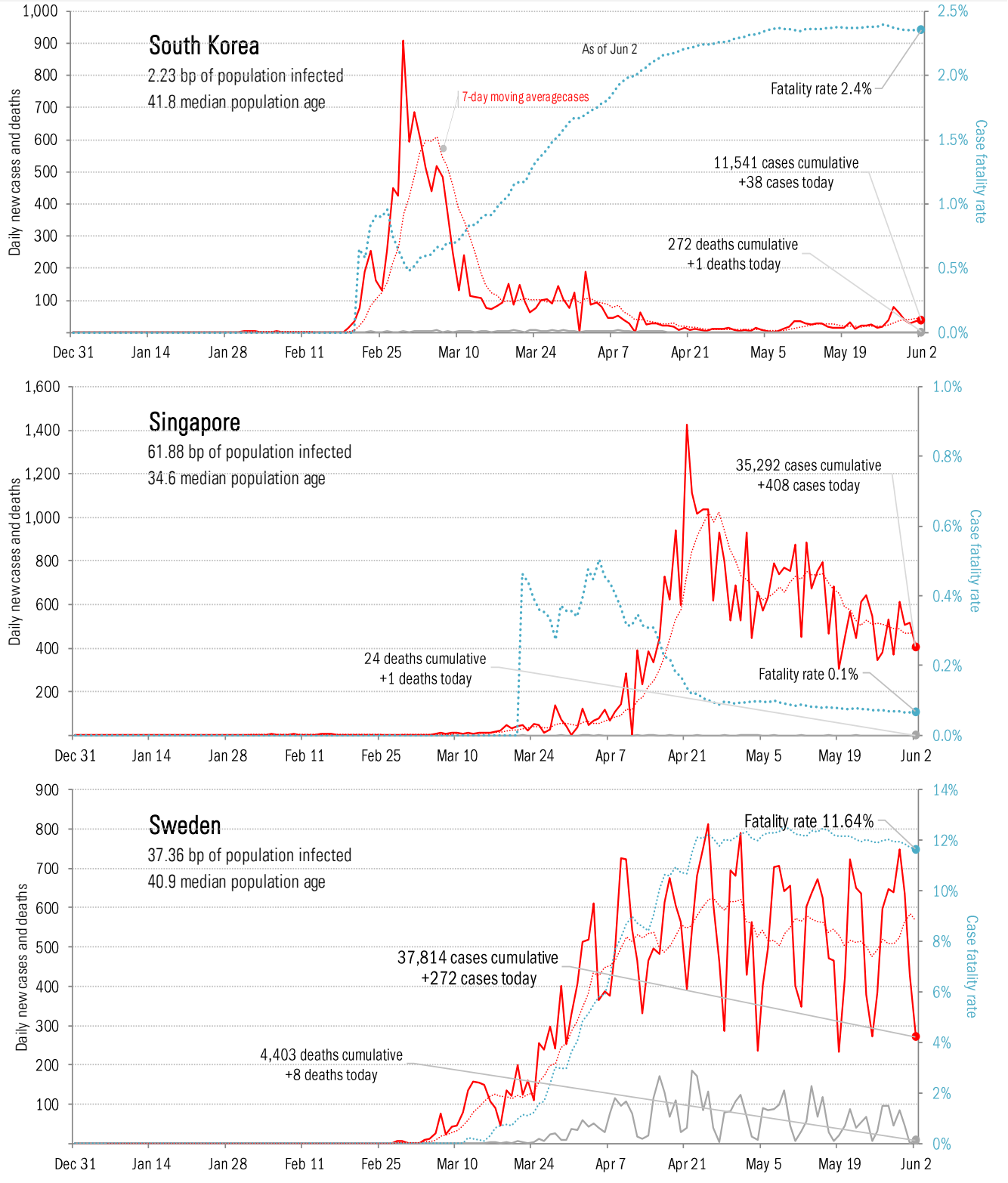
Source: ECDC, TrendMacro calculations

Impact in continental Europe



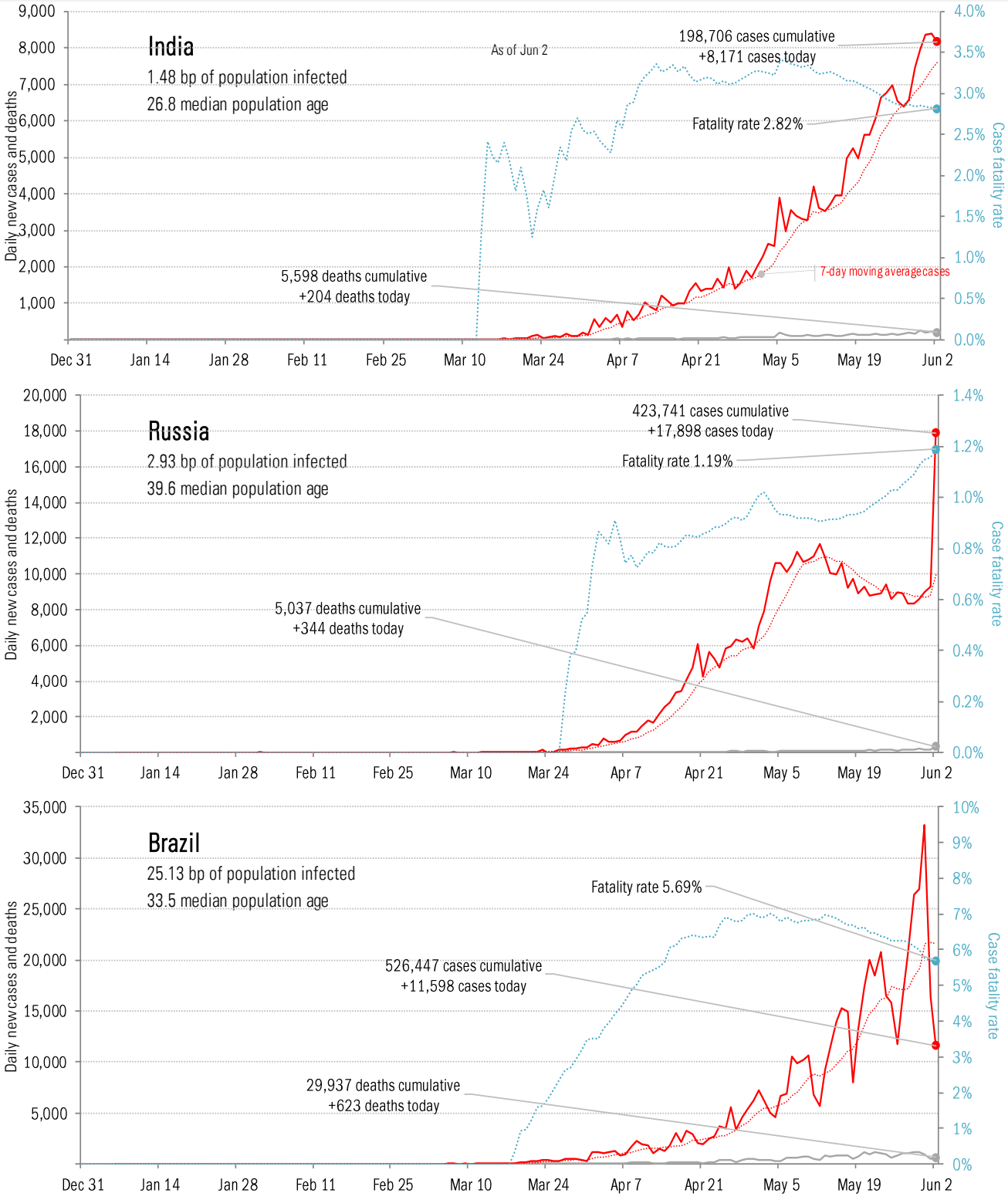
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



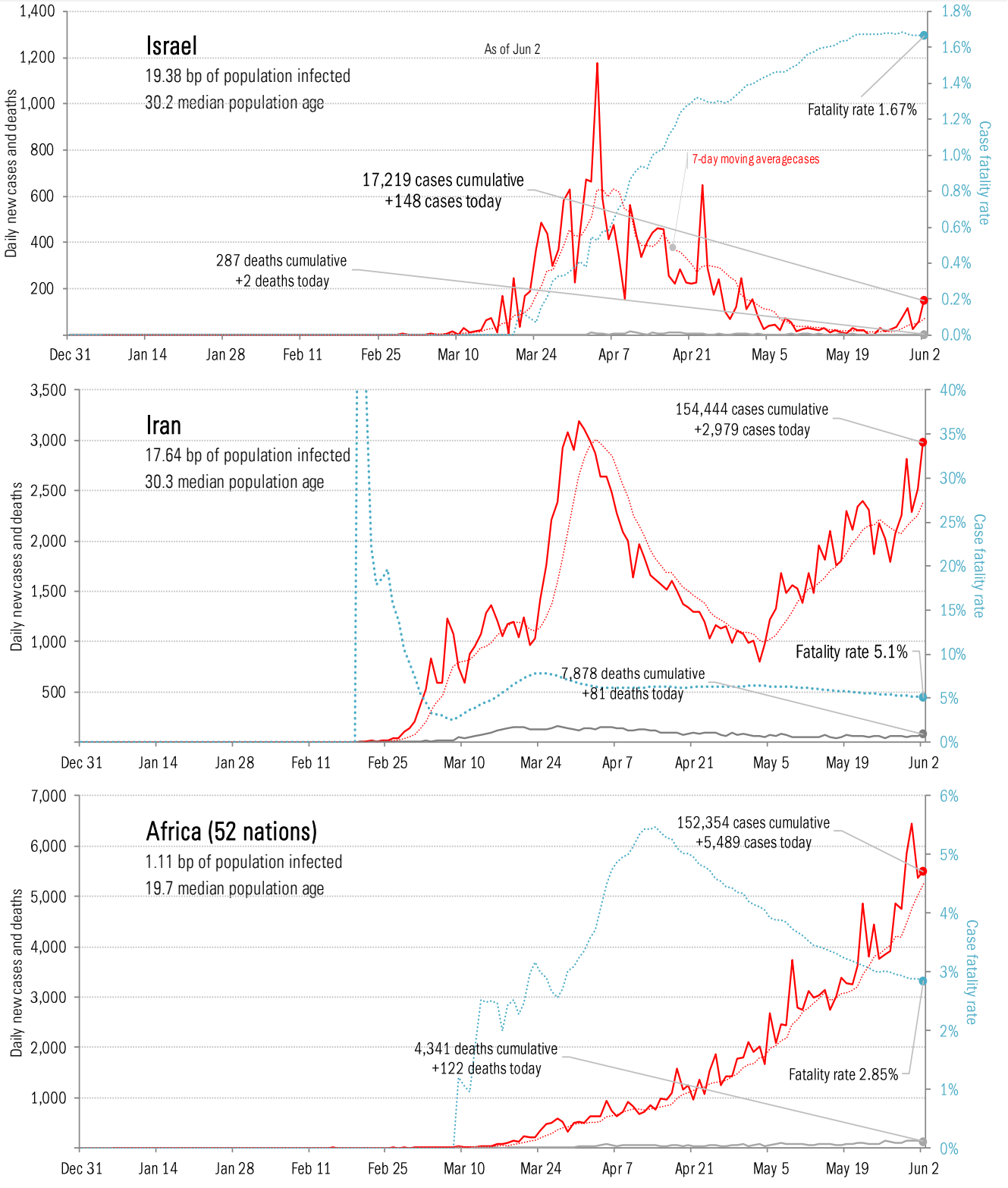
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations