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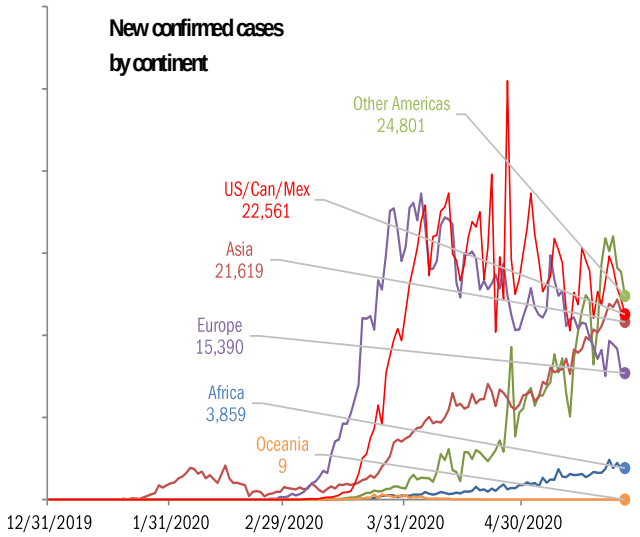
Data Insights: Covid-2019 Monitor

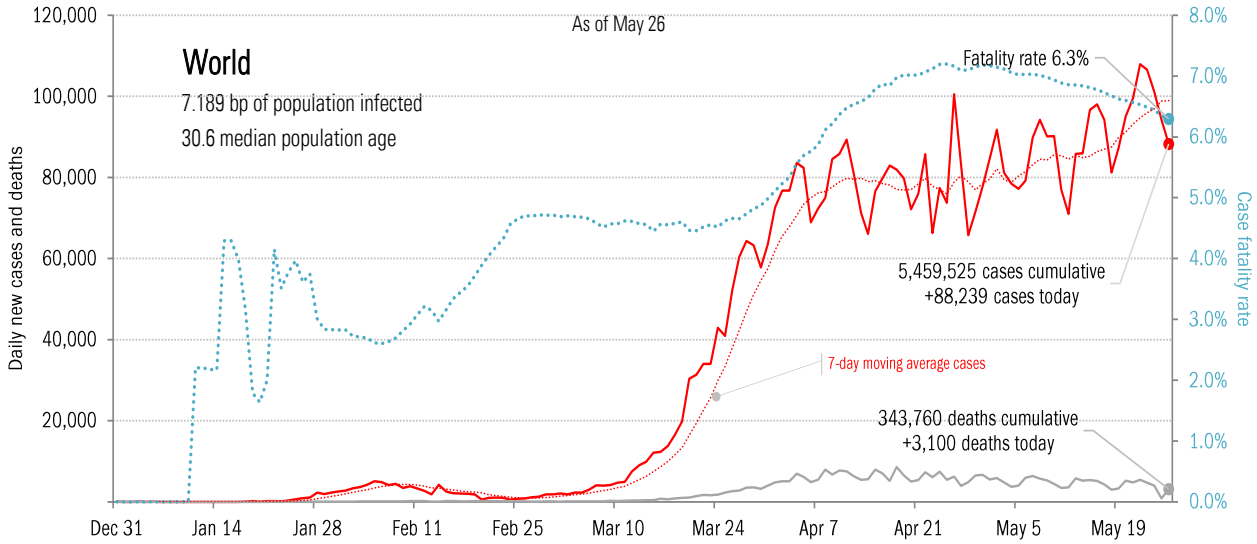
Tuesday, May 26, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+19,064	Brazil	+807
Brazil	+11,687	US	+500
Russia	+8,946	Mexico	+239
India	+6,535	Peru	+173
Chile	+4,895	India	+146
Peru	+4,020	Canada	+121
Mexico	+2,485	UK	+121
Saudi	+2,235	Ecuador	+95
Iran	+2,023	Italy	+92
Bangladesh	+1,975	Russia	+92
	+63,865		+2,386
World	+88,239	World	+3,100
Top ten	72%	Top ten	77%





Source: ECDC, TrendMacro calculations

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The US scorecard

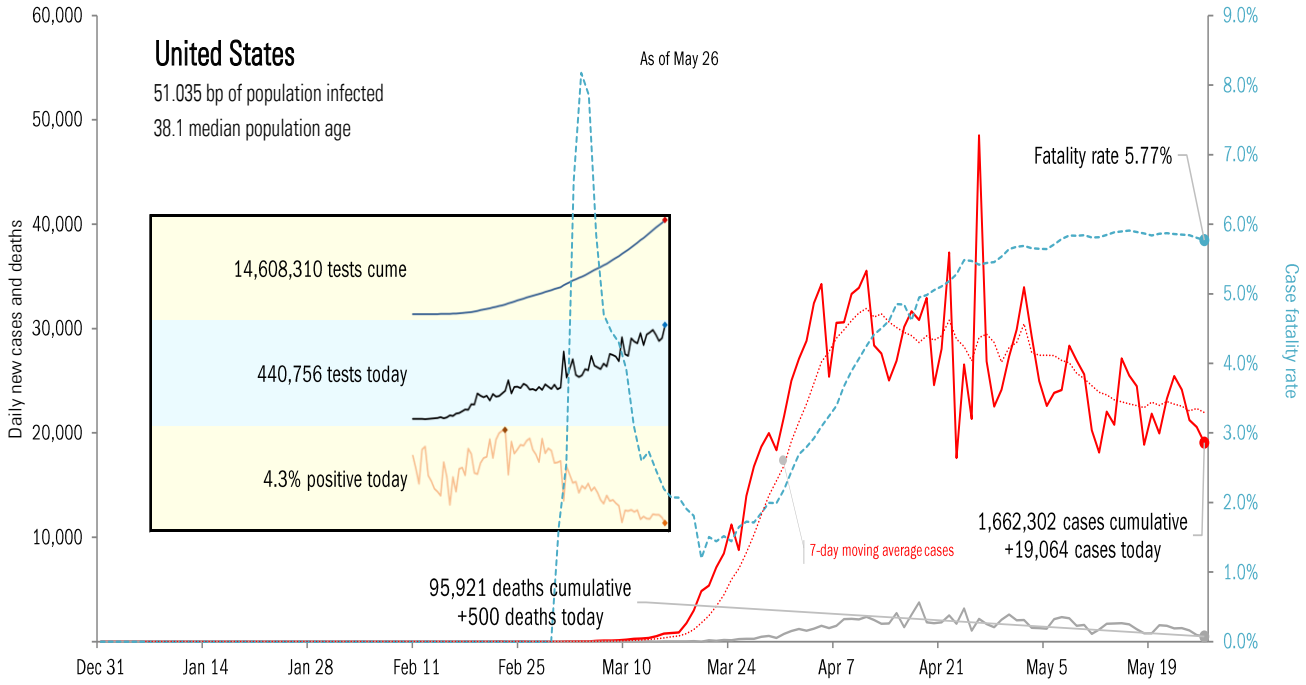
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
CA	+1,848	NY	+97	NY	+230	NY	362,764	NY	23,488	NY	77,525
IL	+1,713	CT	+49	MD	+153	NJ	155,092	NJ	11,144	CT	12,538
VA	+1,483	MA	+44	NM	+104	IL	112,017	MA	6,416	FL	9,681
NY	+1,249	VA	+37	MN	+88	CA	94,558	MI	5,240	MA	9,339
NJ	+938	IL	+28	VA	+68	MA	93,271	PA	5,139	MD	8,092
FL	+879	MD	+25	FL	+43	PA	68,186	IL	4,884	GA	7,475
MD	+839	CA	+21	GA	+36	TX	55,971	CA	3,795	VA	6,521
MN	+742	TX	+21	OH	+35	MI	54,881	CT	3,742	OH	5,511
NC	+742	OH	+18	MA	+31	FL	51,746	LA	2,690	IN	5,285
LA	+640	FL	+15	WA	+31	MD	47,152	FL	2,331	CO	4,119
	+11,073		+355		+819		1,095,638		68,869		146,086
All states	+19,069	All states	+523	All states	+967	All states	1,654,829	All states	92,464	All states	173,541
Top ten	58%	Top ten	68%	Top ten	85%	Top ten	66%	Top ten	74%	Top ten	84%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
IL	-795	CA	-45	KY	-55	NC	+3,317
MA	-417	NJ	-41	NY	-31	LA	+2,451
NY	-340	IL	-38	FL	-28	TX	+1,907
CO	-267	IN	-33	RI	-23	MS	+1,720
PA	-257	MA	-24	MA	-17	MN	+701



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

Recommended reading

[Coronavirus and the Two Americas]
Dan Mitchell
International Liberty
May 25, 2020

[NY Times' Front Page List Of COVID Deaths Includes Name Of Murdered Man]
Joseph Curl
Daily Wire
May 24, 2020

[Protests show two Americas — those who lost their jobs and those still getting paid]
Glenn Reynolds
USA Today
April 21, 2020

[Experts have jobs. They need to understand those who don't.]
Fareed Zakaria
Washington Post
May 14, 2020

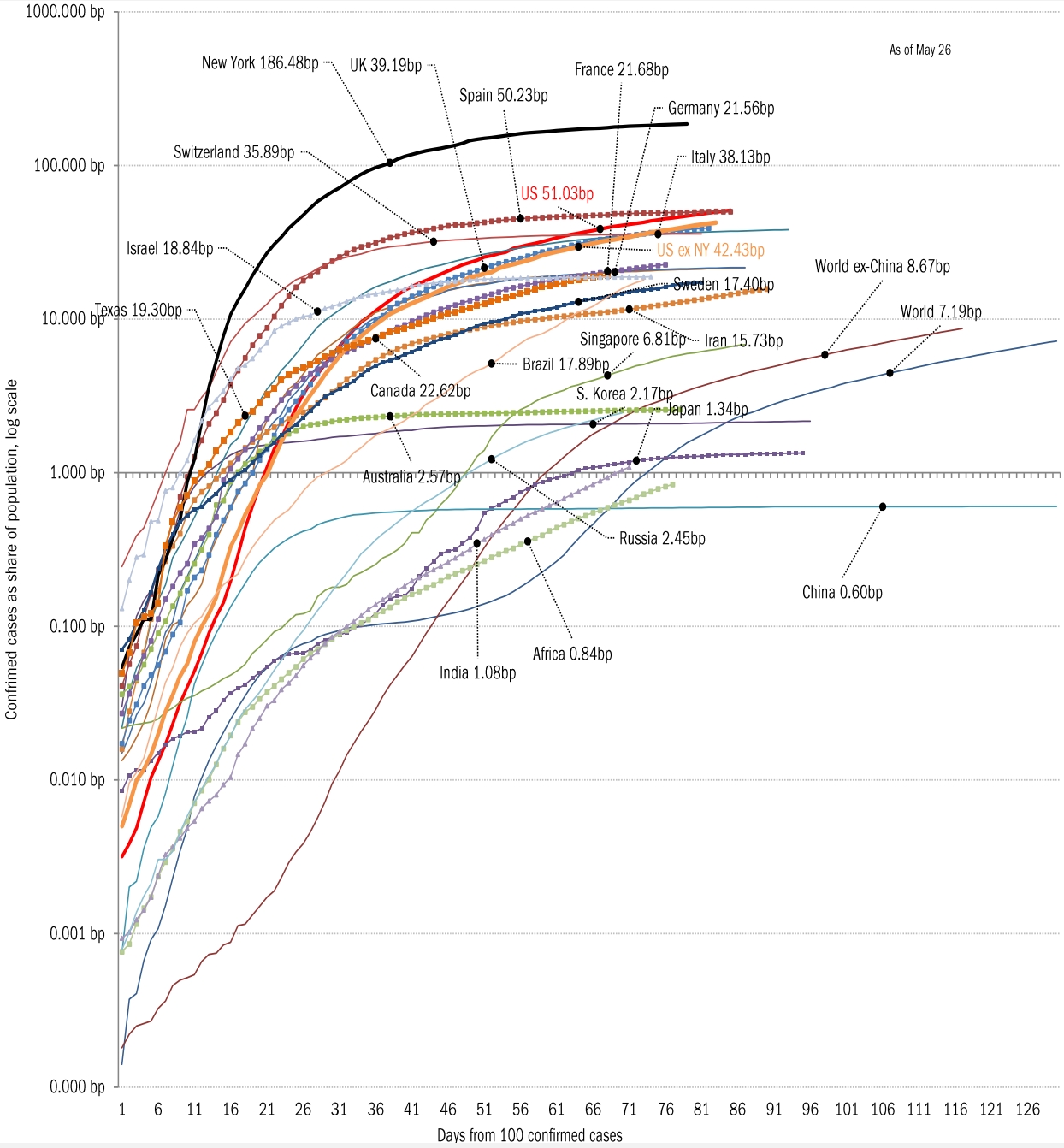
[Scenes From the Class Struggle in Lockdown]
Peggy Noonan
Wall Street Journal
May 14, 2020

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

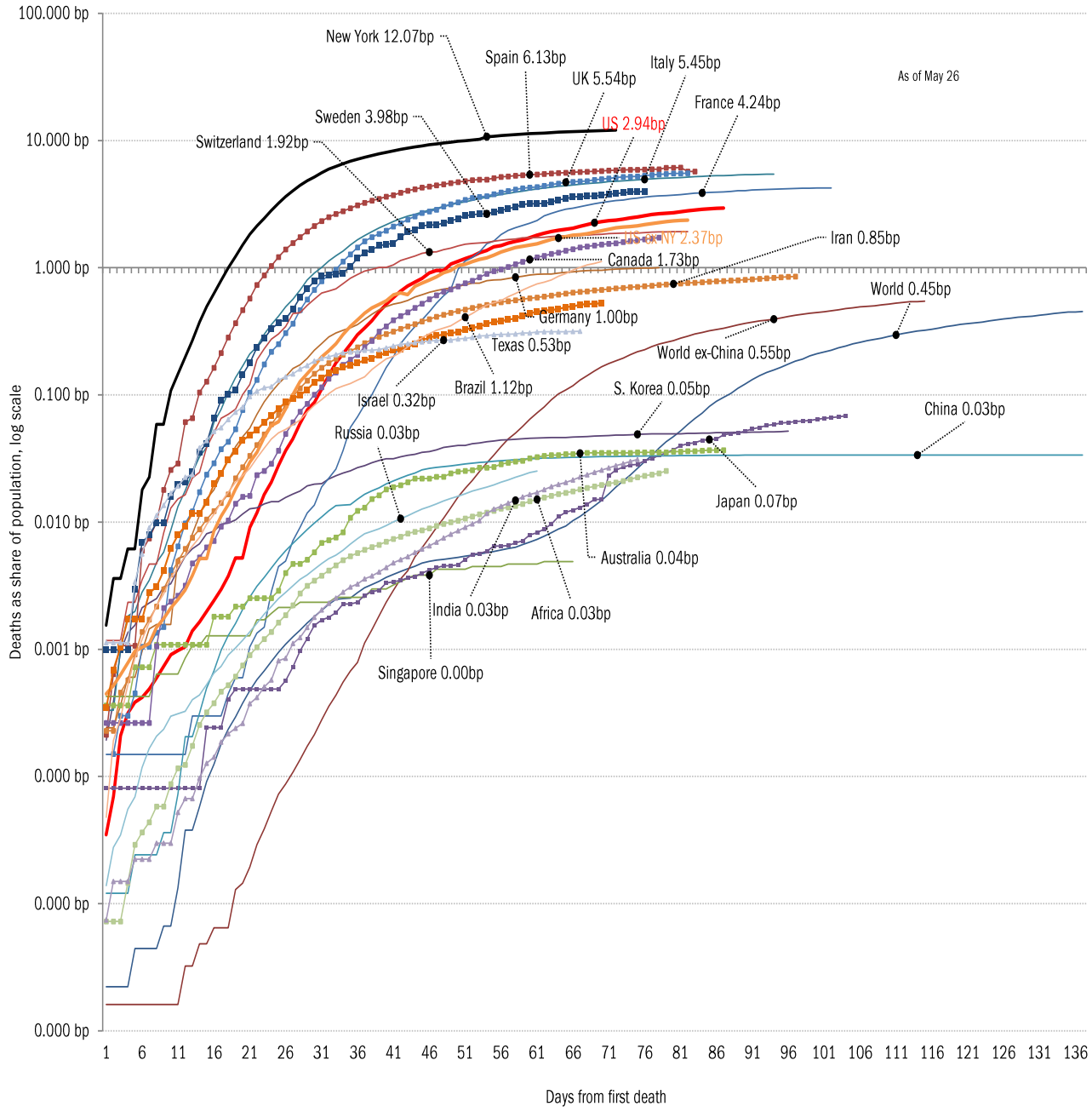
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

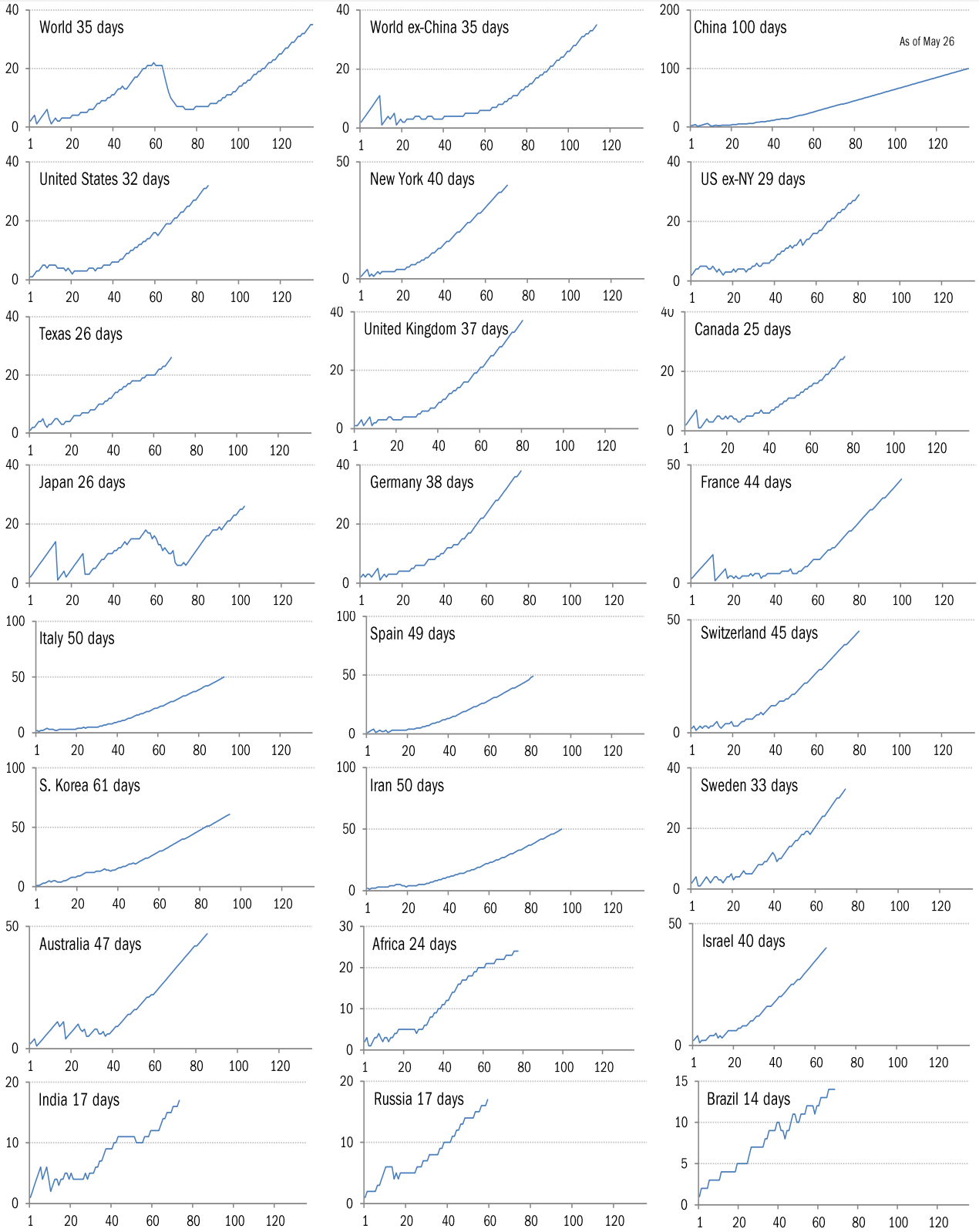
Share of deceased population from day of first fatality



Source: ECDC, TrendMacro calculations

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

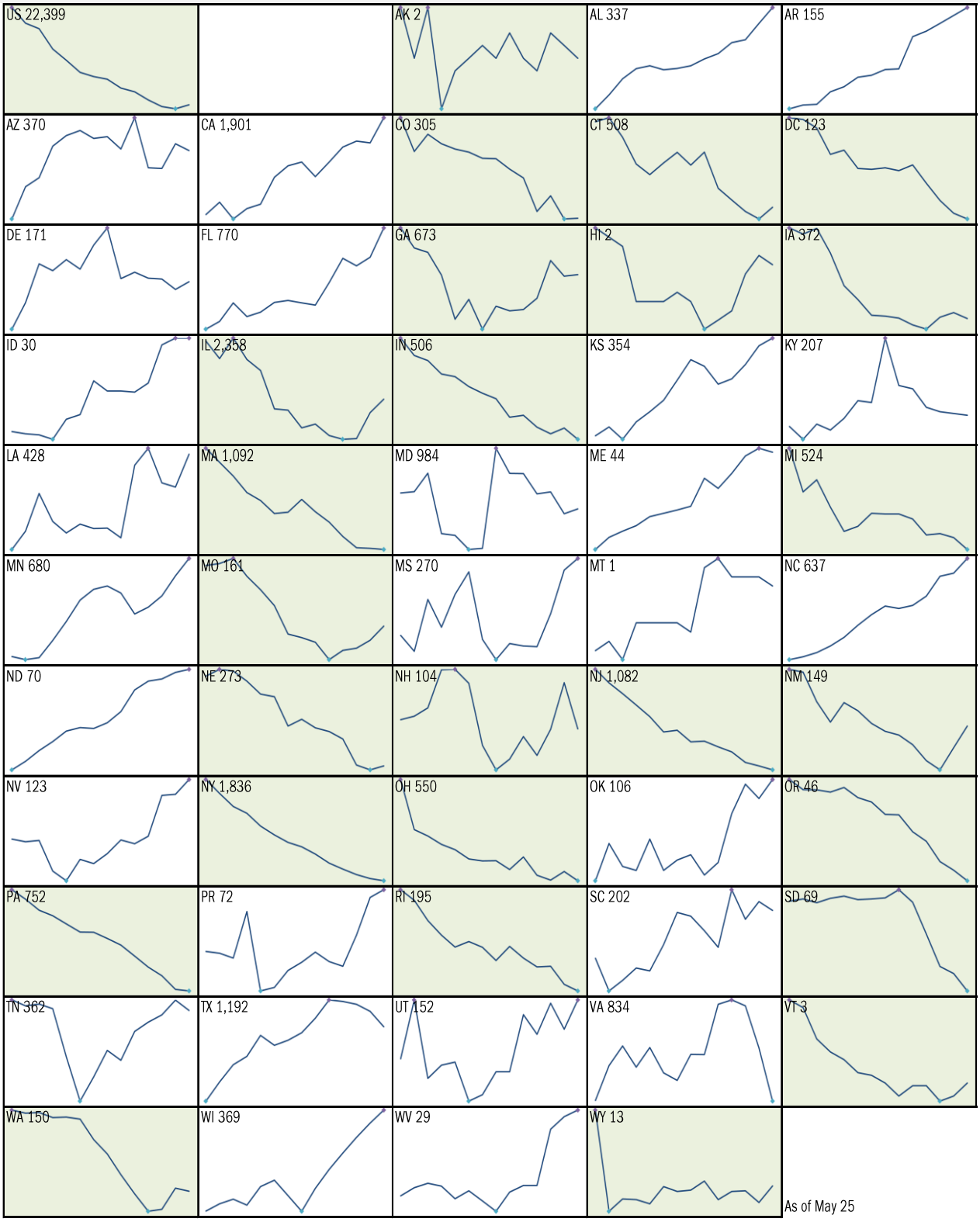
Vertical: number of days it takes to double deaths Horizontal: days from first death



Source: ECDC, TrendMacro calculations

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

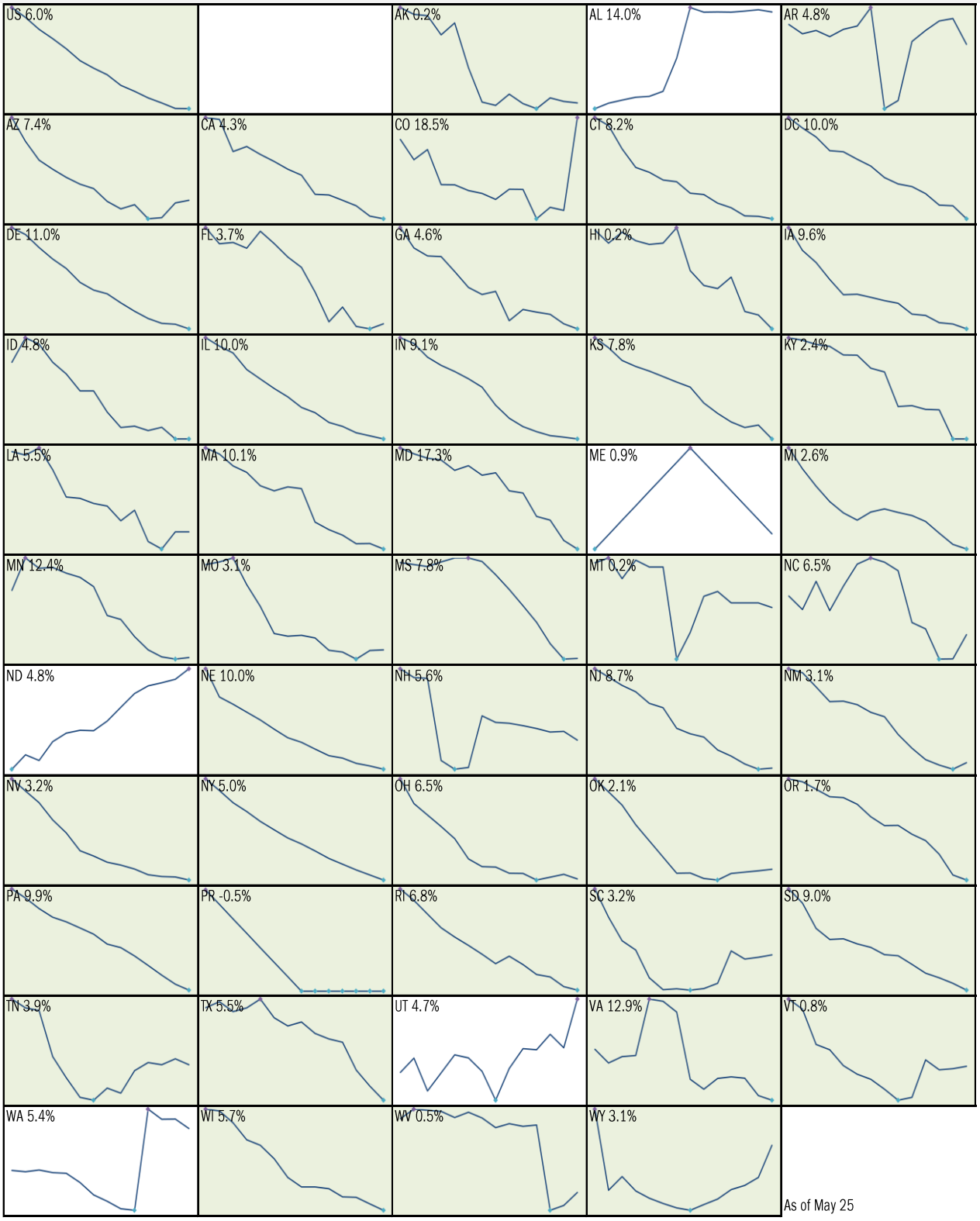
14-day moving average, last 14 days Most recent value displayed • High • Low



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

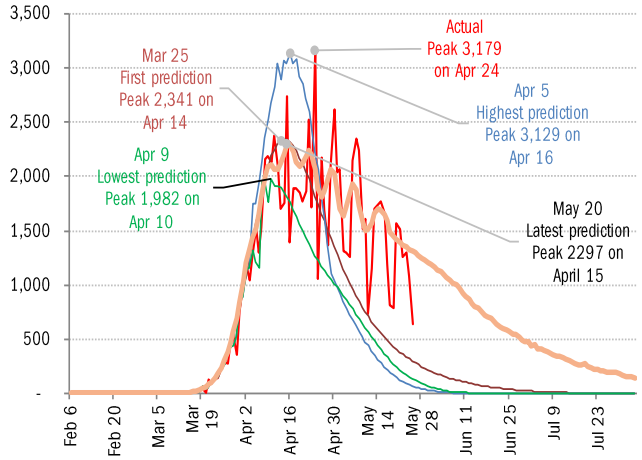


Source: Covid Tracking Project, TrendMacro calculations

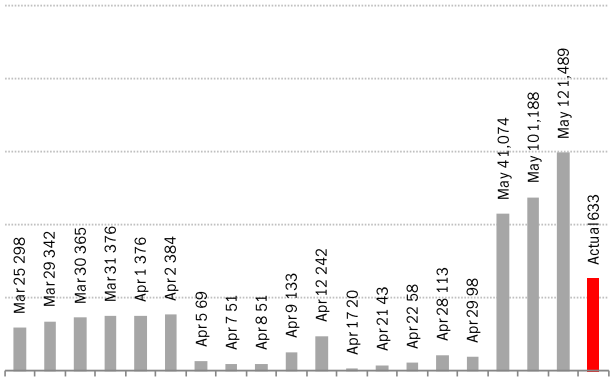
Reality-checking the models: actuals versus IHME predictions

New daily fatalities — As of May 25

Actual versus first, highest and latest model mean predictions

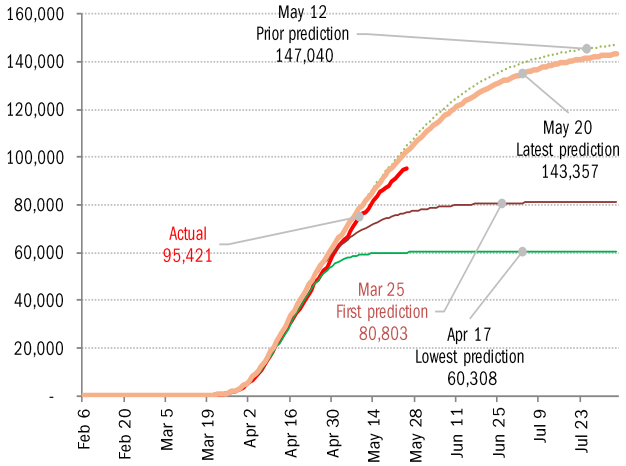


For this day, versus all model mean predictions

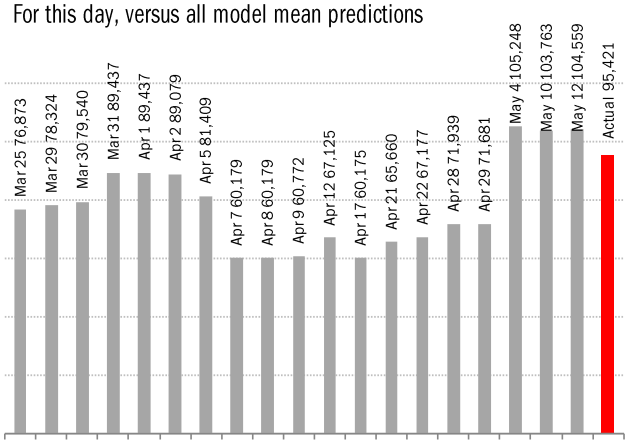


Cumulative fatalities

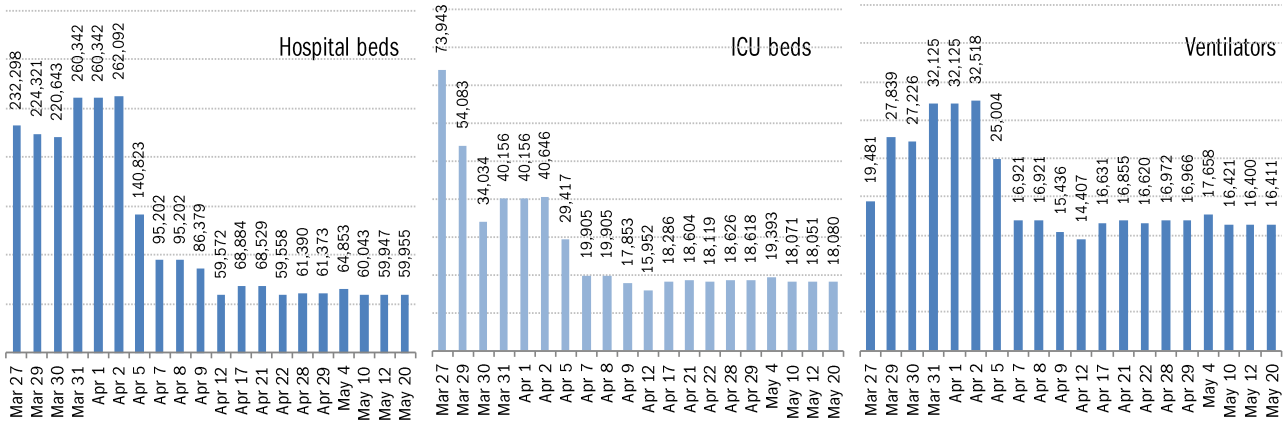
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

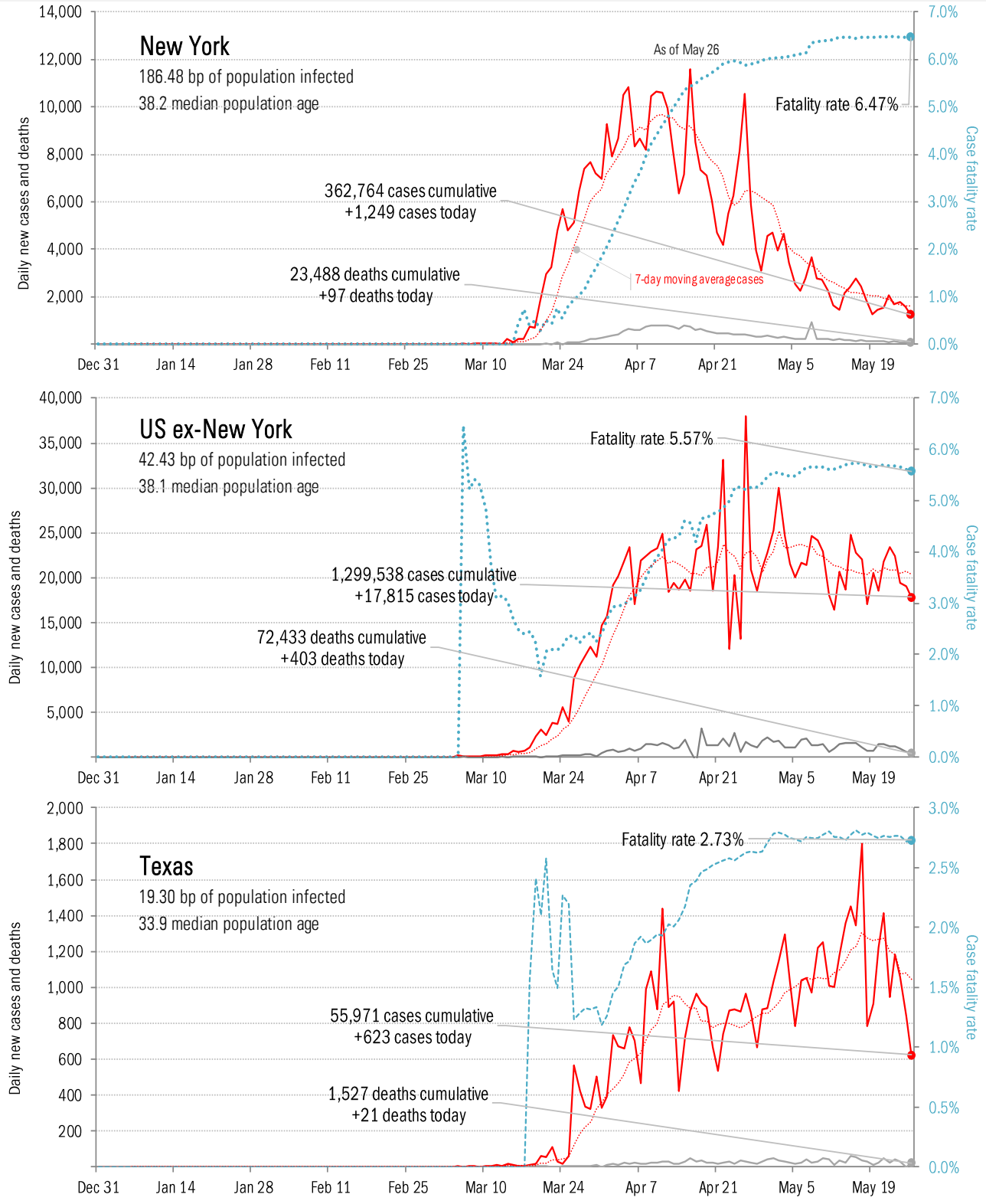


Healthcare system stress, peak estimated at each model revision



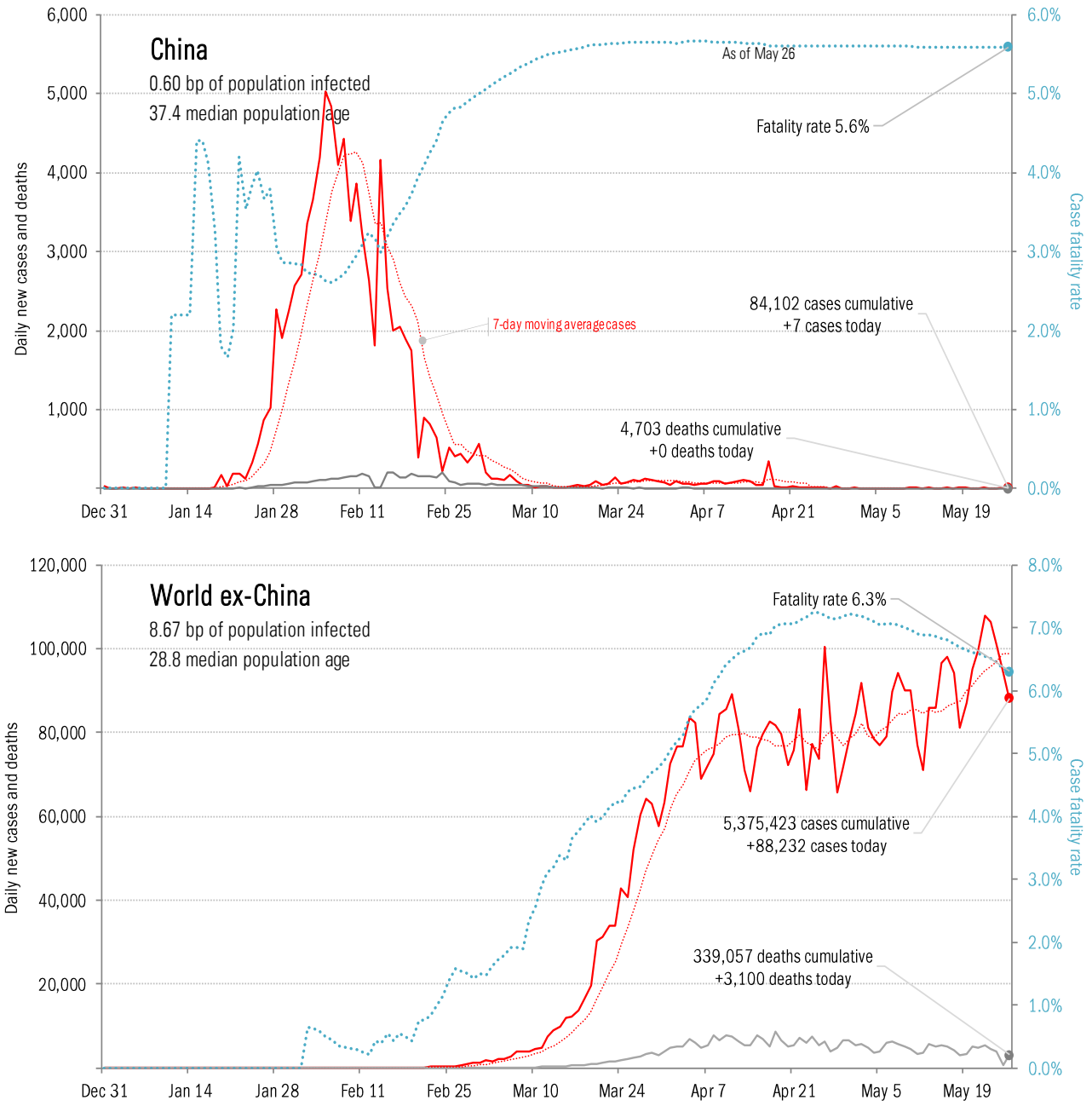
Source: ECDC, IHME, TrendMacro calculations

From Ground Zero to the Rio Grande



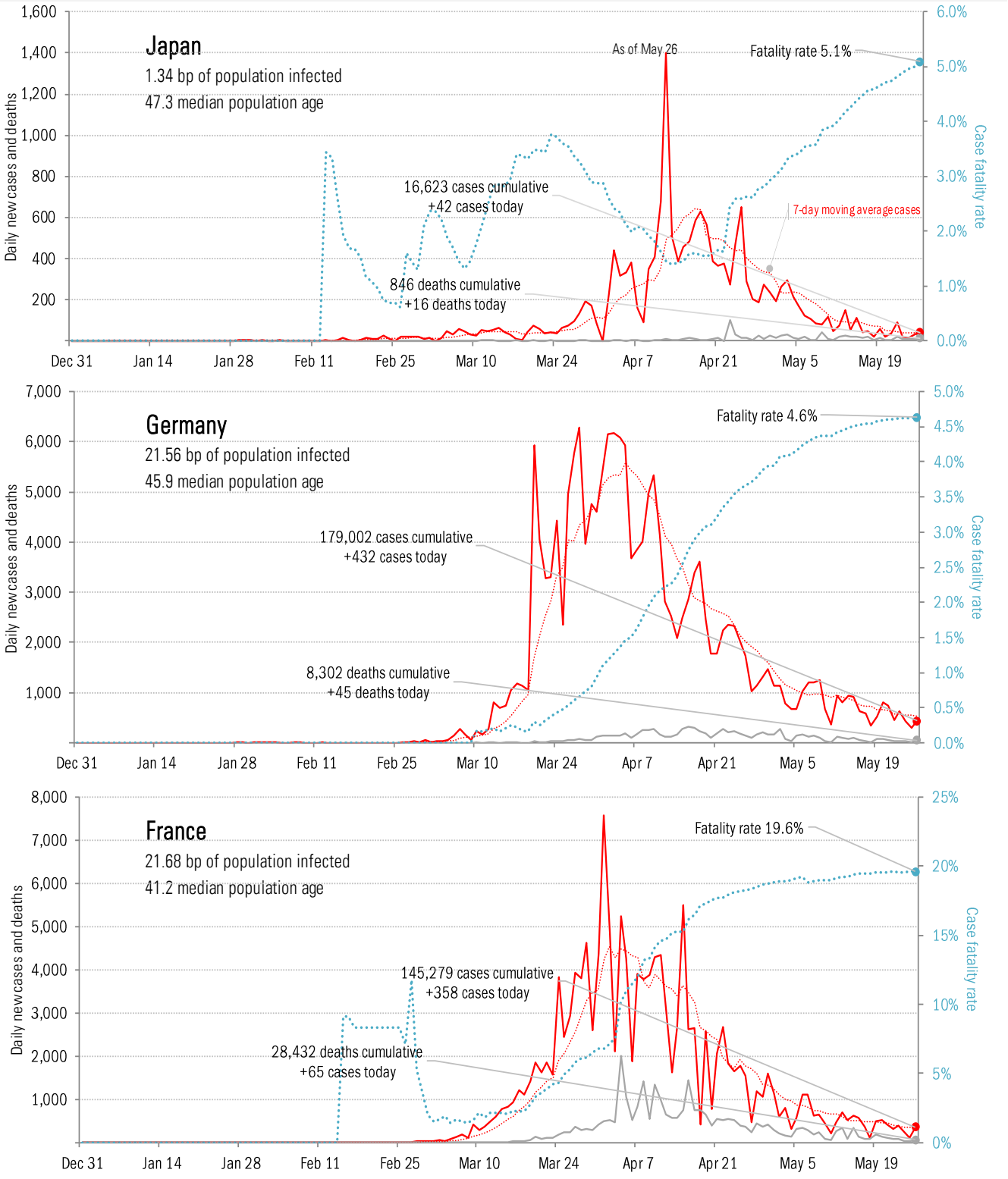
Source: ECDC, TrendMacro calculations

Patient zero… and then everyone else



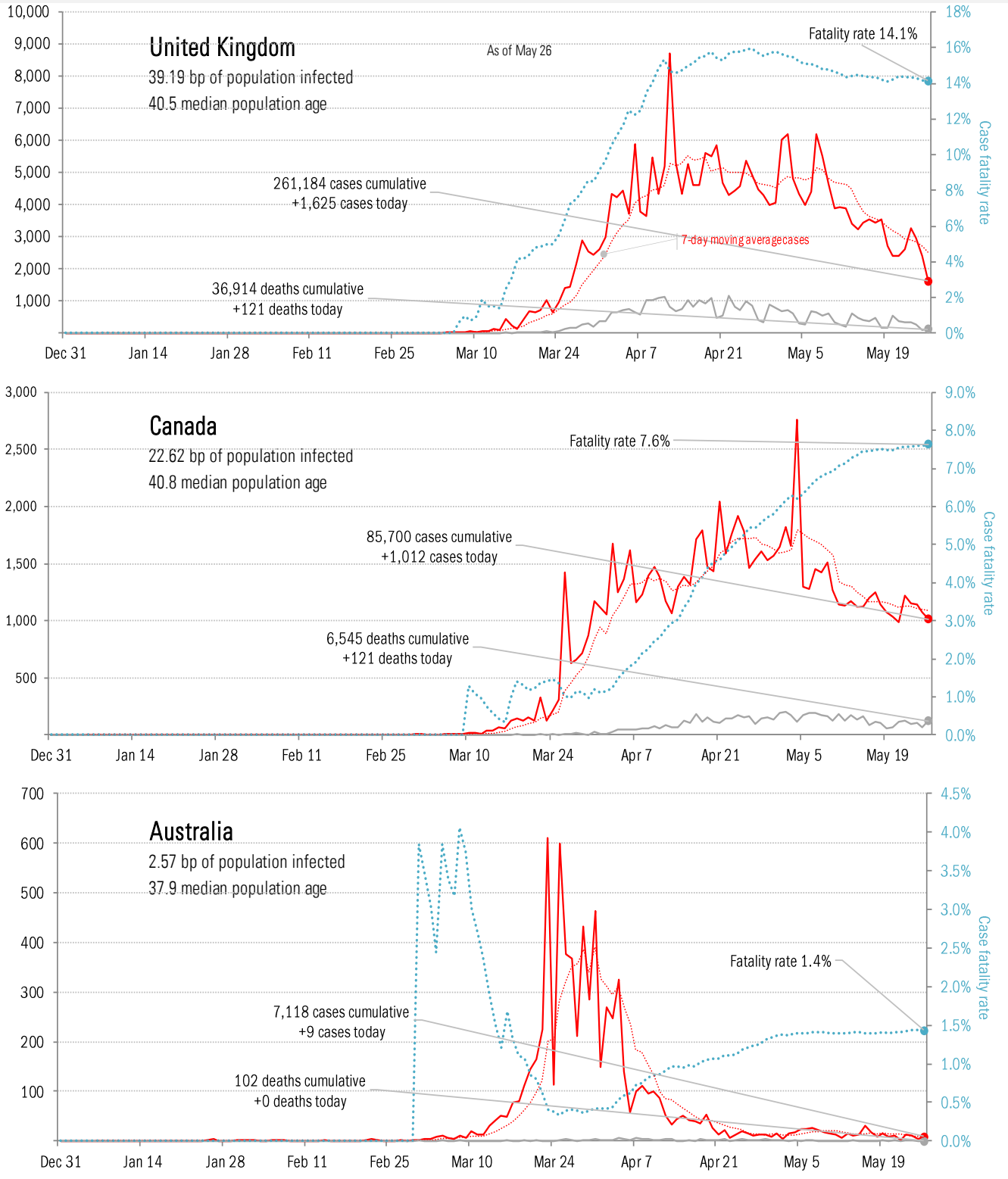
Source: ECDC, TrendMacro calculations

Impact in the largest economies



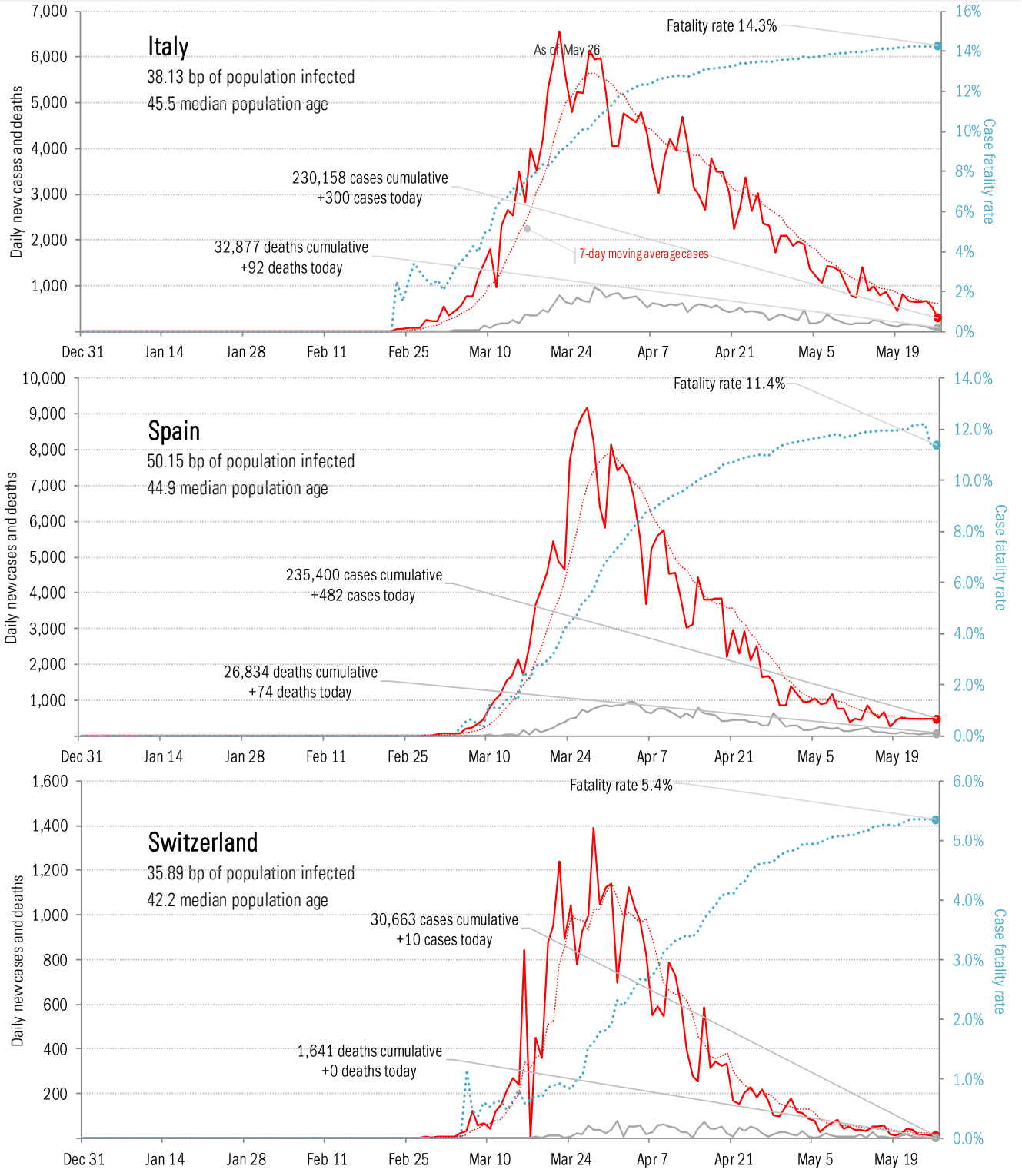
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



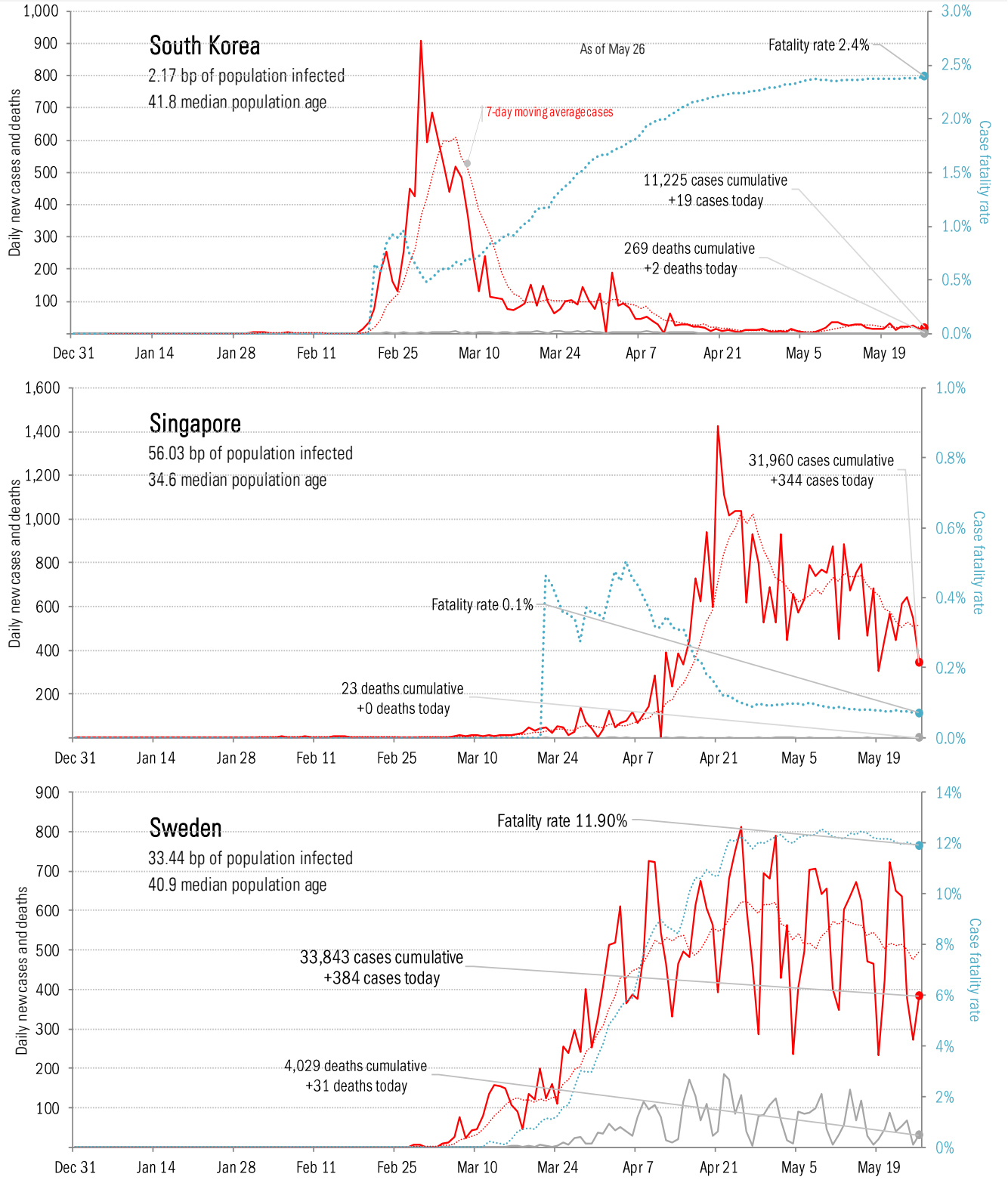
Source: ECDC, TrendMacro calculations

Impact in continental Europe



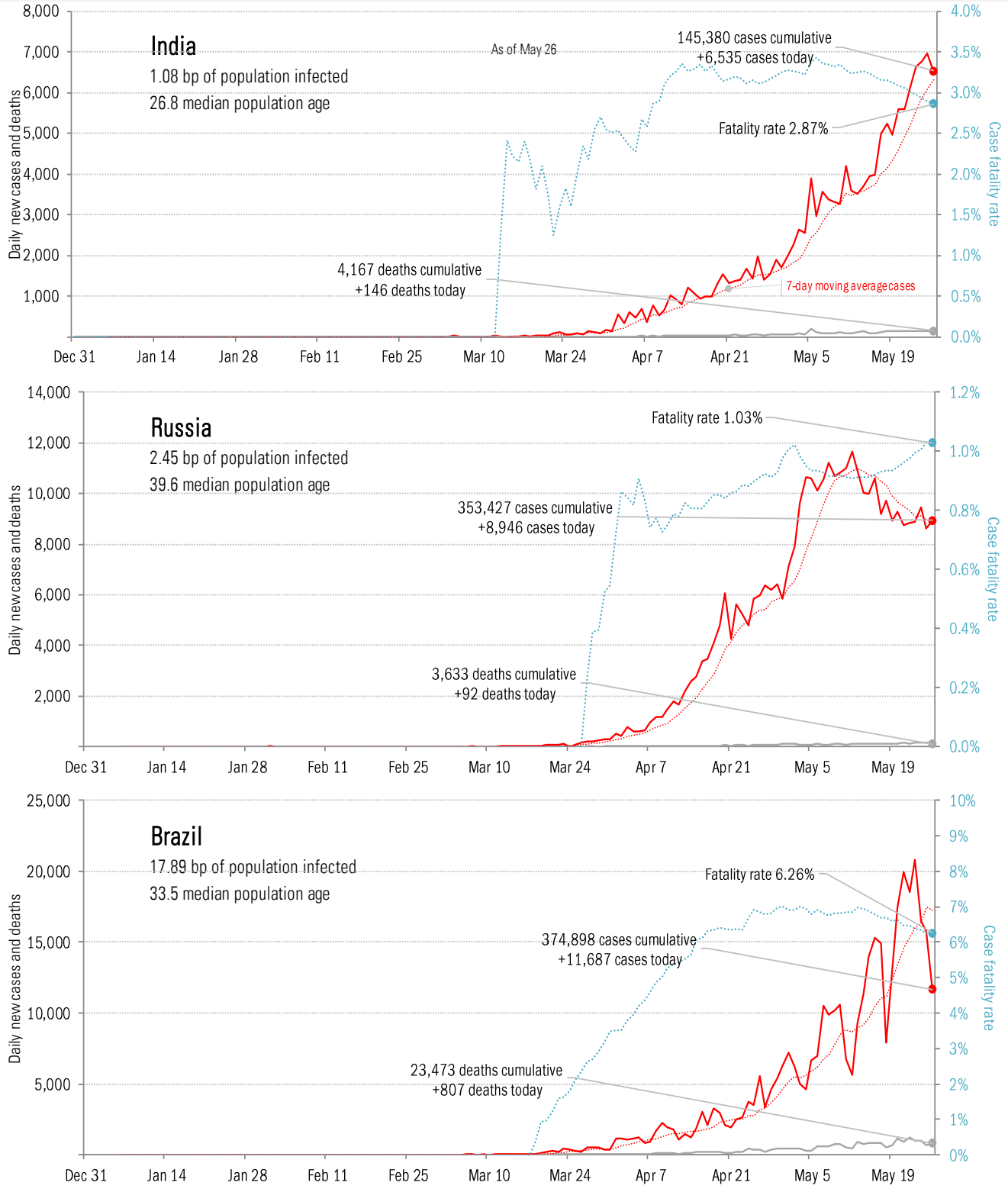
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



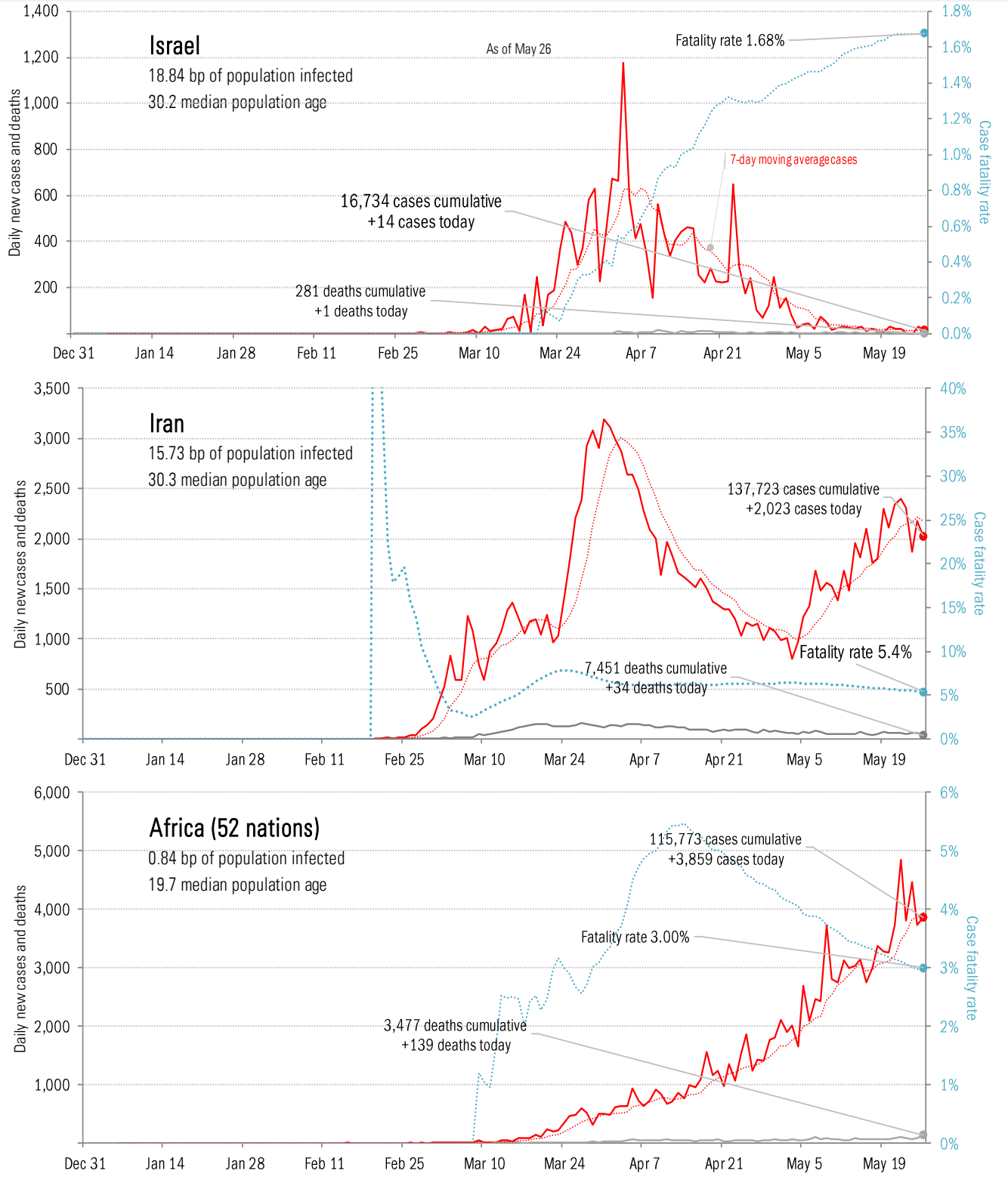
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations