Trend Macrolytics, LLC
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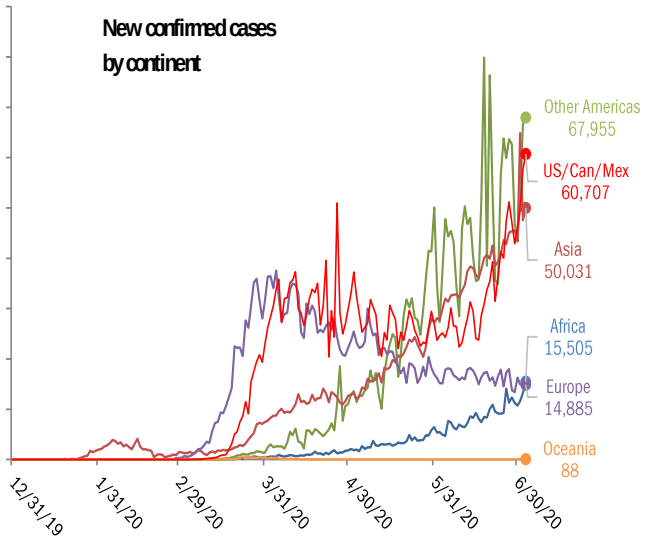
Data Insights: Covid-2019 Monitor

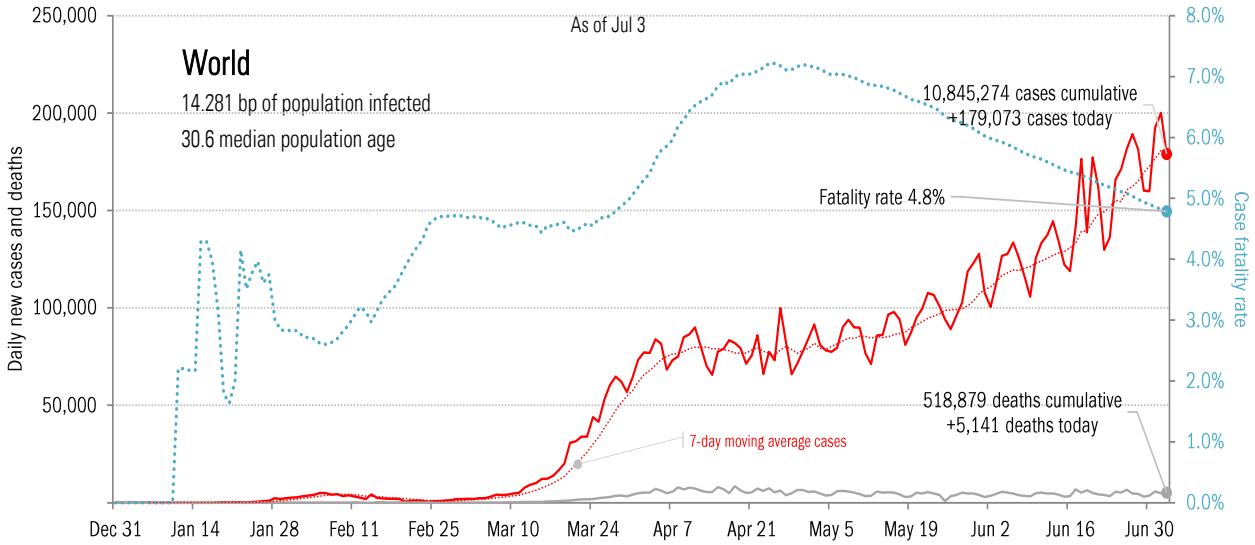
Friday, July 3, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+53,399	Brazil	+1,252
Brazil	+48,105	Mexico	+679
India	+20,903	US	+678
South_Africa	+8,728	India	+379
Russia	+6,760	Peru	+185
Mexico	+6,741	Colombia	+171
Colombia	+4,101	Chile	+167
Pakistan	+4,087	Iran	+148
Bangladesh	+4,019	Russia	+147
Peru	+3,527	Iraq	+110
	+160,370		+3,916
World	+179,073	World	+5,141
Top ten	90%	Top ten	76%





Source: ECDC, TrendMacro calculations

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The US scorecard

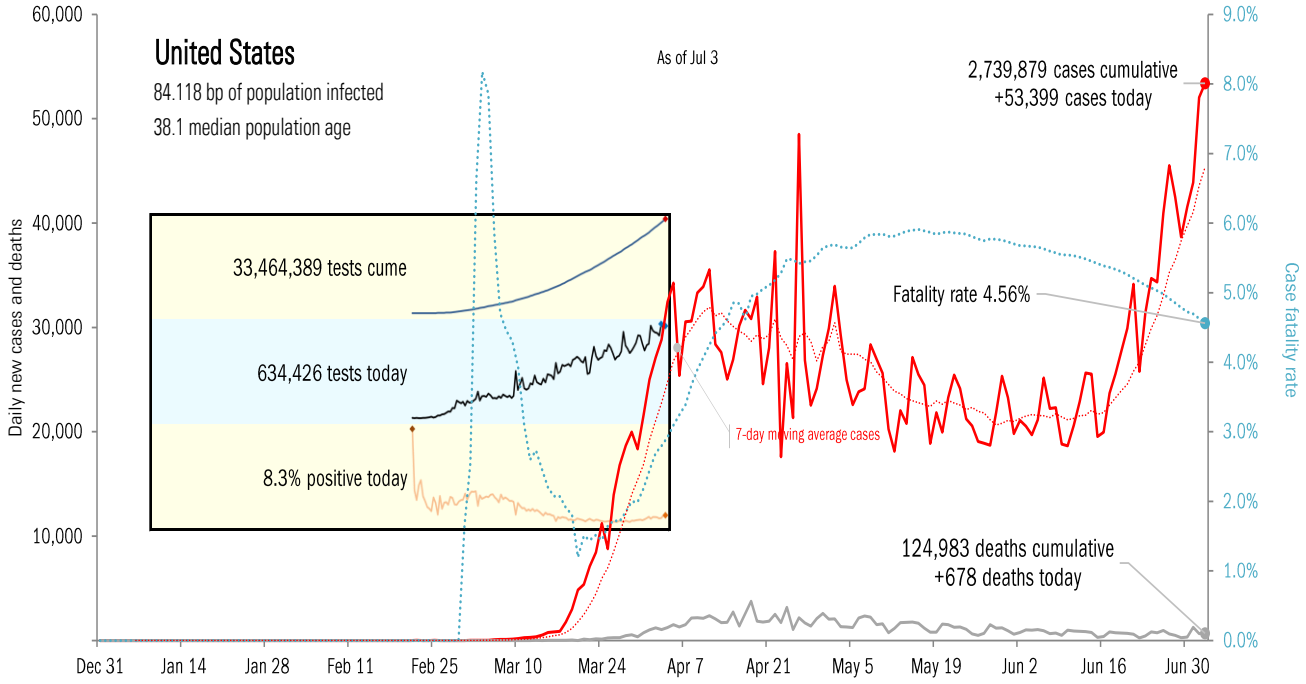
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
FL	+10,109	CA	+73	VA	+361	NY	394,954	NY	24,877	NY	89,995
TX	+7,915	FL	+68	FL	+329	CA	240,195	NJ	15,107	NJ	20,141
CA	+7,538	PA	+63	GA	+225	TX	175,977	MA	8,132	FL	15,454
GA	+3,472	MA	+51	CT	+143	NJ	172,356	IL	7,152	GA	11,500
AZ	+3,333	TX	+44	NJ	+87	FL	169,106	PA	6,712	MA	11,392
SC	+1,782	AZ	+37	AZ	+79	IL	145,066	MI	6,212	MD	10,939
NC	+1,629	VA	+30	OK	+62	MA	109,338	CA	6,163	CT	10,411
TN	+1,575	NJ	+29	TN	+60	PA	88,074	CT	4,326	VA	9,384
LA	+1,383	GA	+22	IN	+44	GA	87,709	FL	3,718	OH	7,911
AL	+1,149	NC	+18	KS	+43	AZ	87,425	LA	3,255	IN	7,139
	+39,885		+435		+1,433		1,670,200		85,654		194,266
All states	+52,815	All states	+634	All states	+1,876	All states	2,727,628	All states	121,487	All states	245,722
Top ten	76%	Top ten	69%	Top ten	76%	Top ten	61%	Top ten	71%	Top ten	79%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CA	-2,202	AZ	-51	NJ	-120	OH	+38,987
AZ	-1,544	CA	-37	OH	-72	AL	+3,216
OH	-1,076	IL	-28	CO	-23	TX	+3,164
IL	-828	NJ	-14	AZ	-22	KY	+674
LA	-700	OH	-13	MD	-21	TN	+655



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

Recommended reading

[Texas Lt. Gov. Dan Patrick says Dr. Anthony Fauci "doesn't know what he's talking about"]
Alex Samuels
Texas Tribune
July 1, 2020

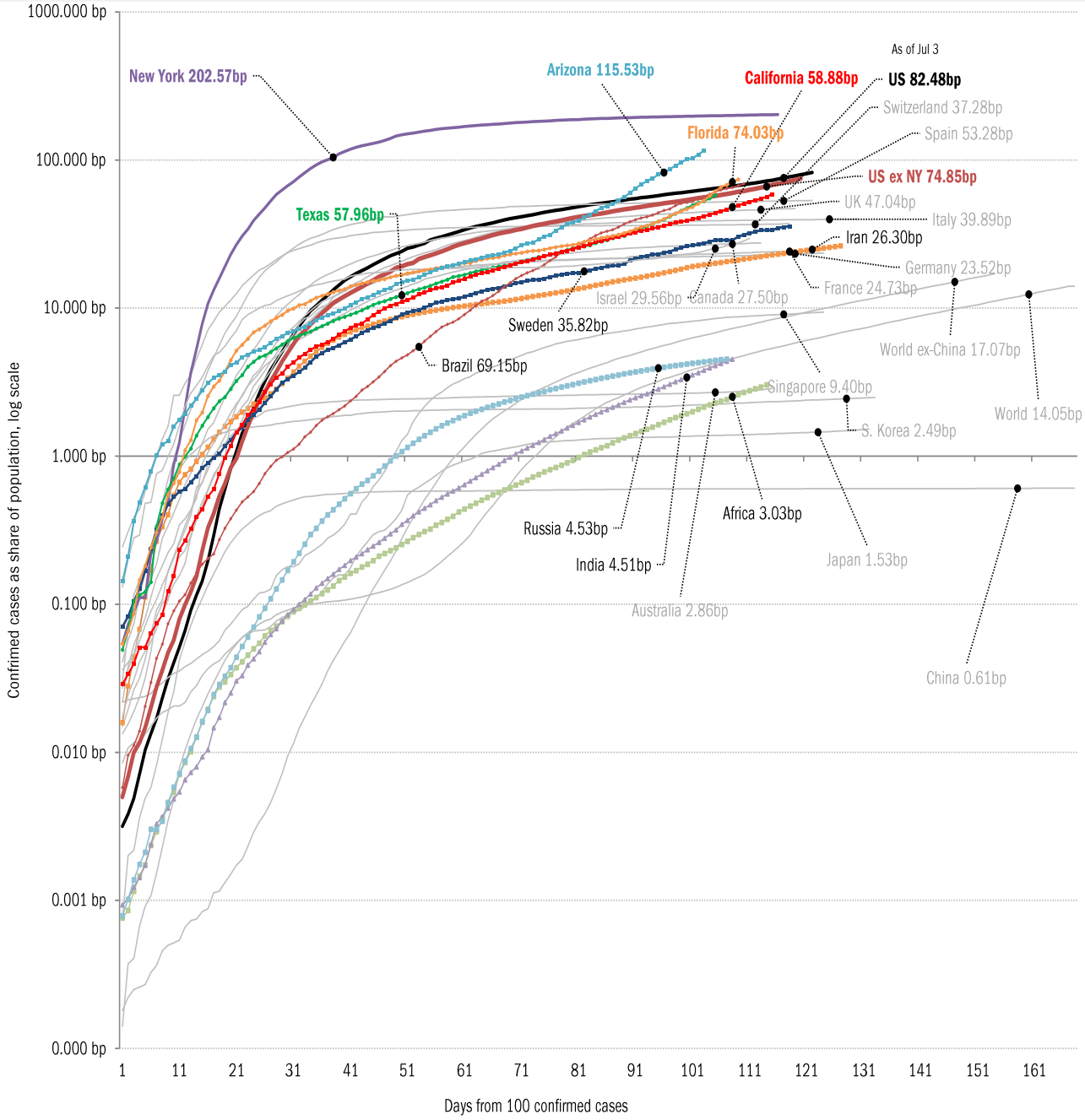
[DeSantis: Florida 'not going back' on coronavirus reopening, despite new case surge]
Fox35 Orlando
July 1, 2020

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

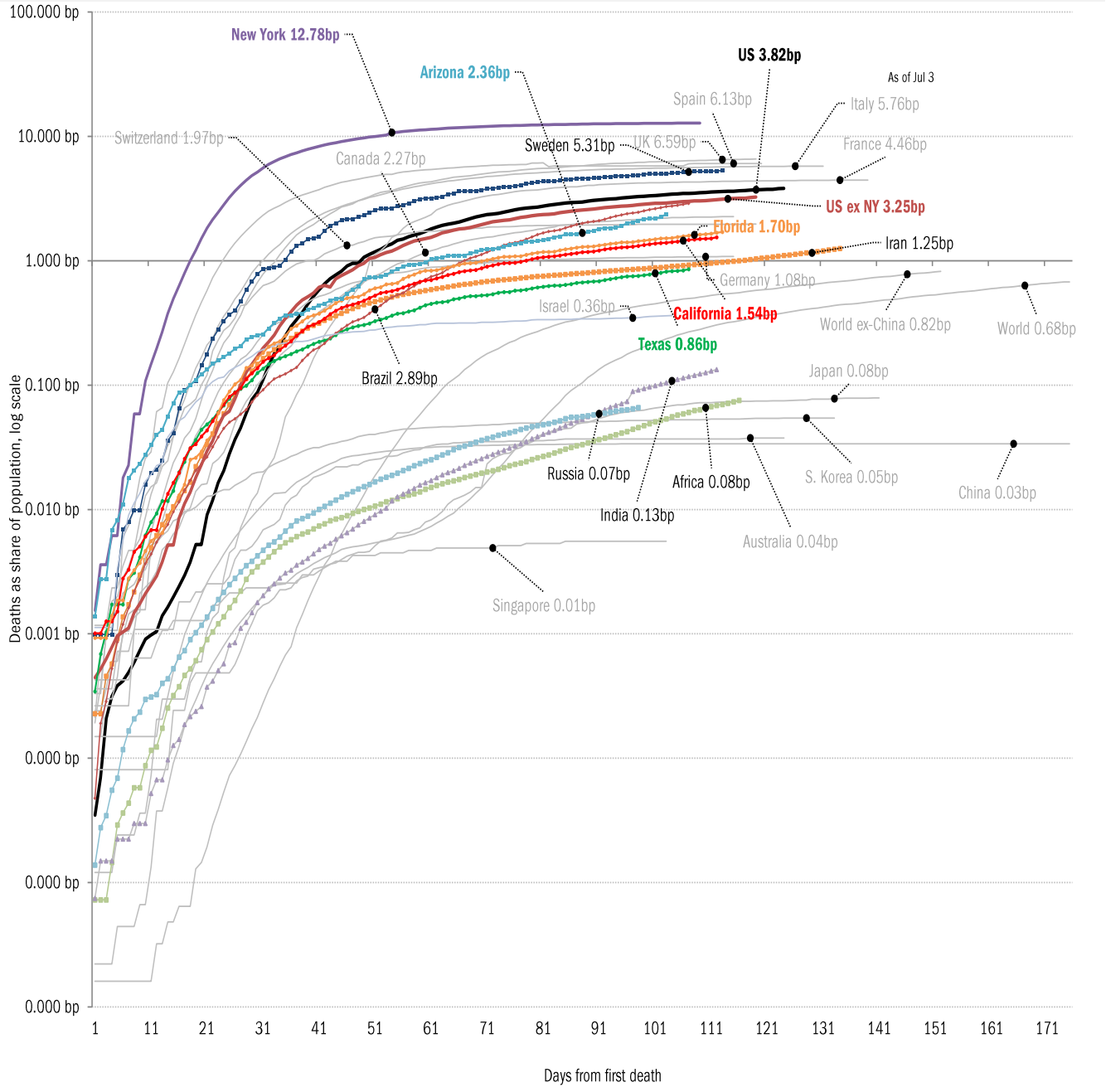
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

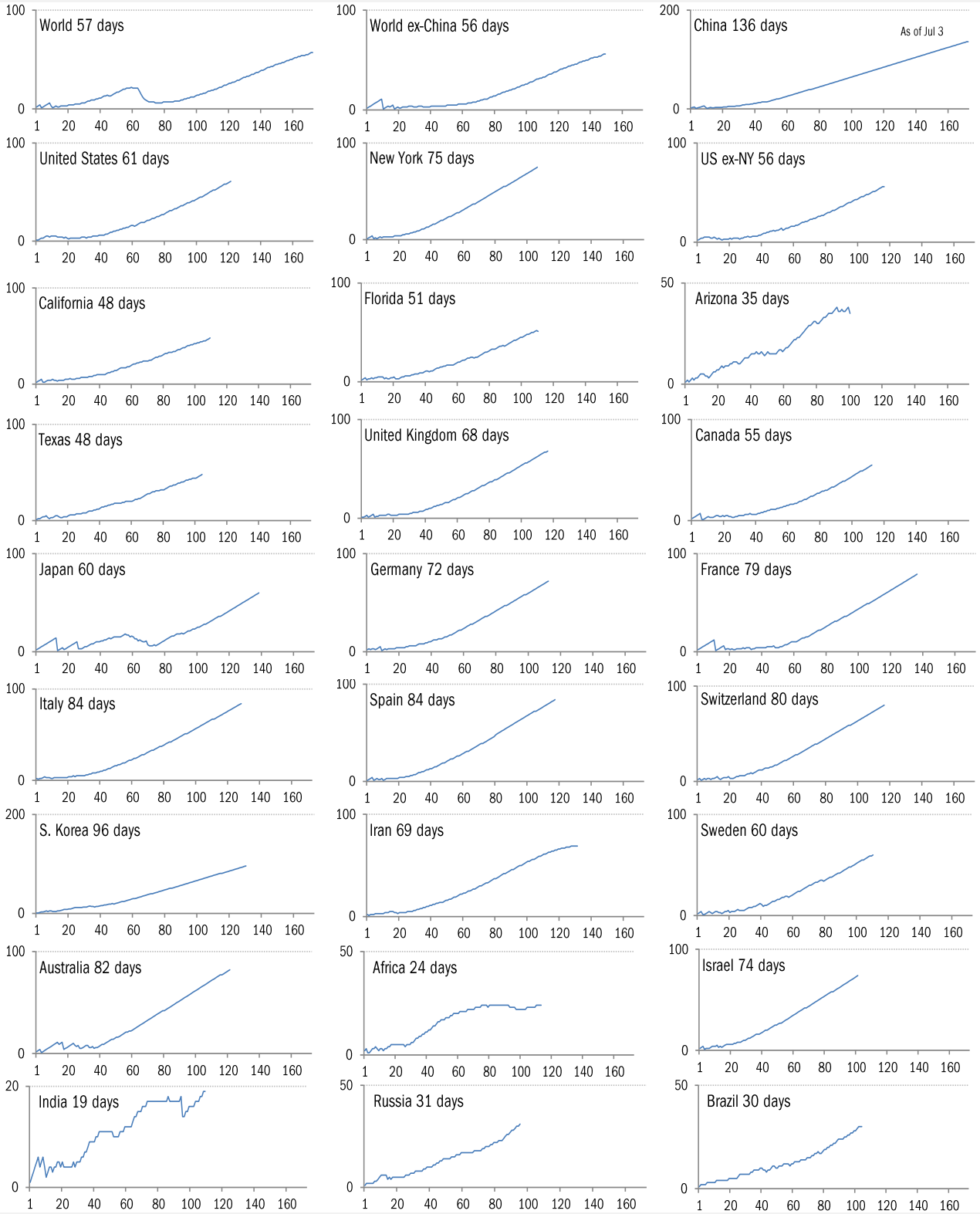
Share of deceased population from day of first fatality



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

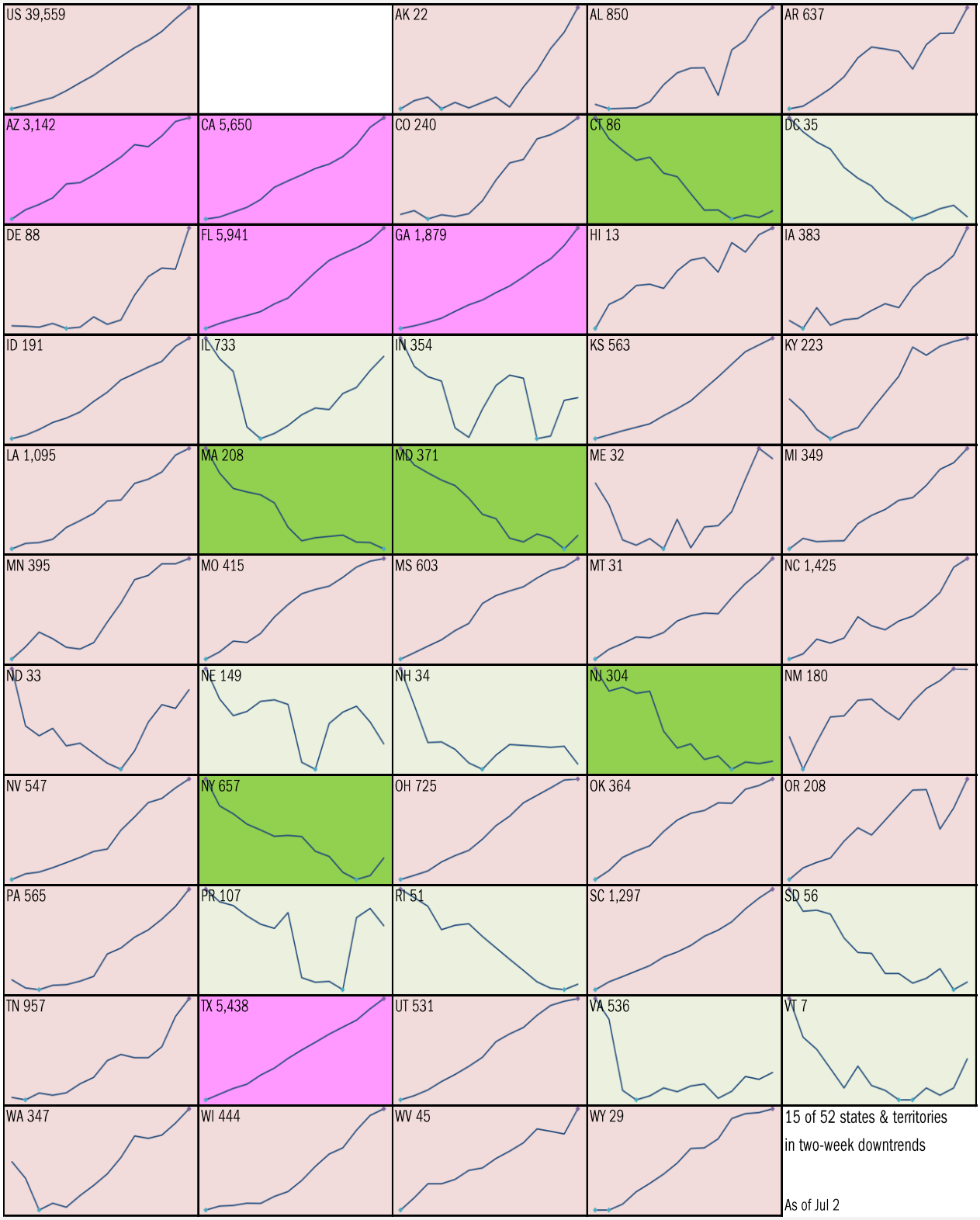


Source: ECDC, TrendMacro calculations

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

Downward trajectory Five best Upward trajectory Five worst

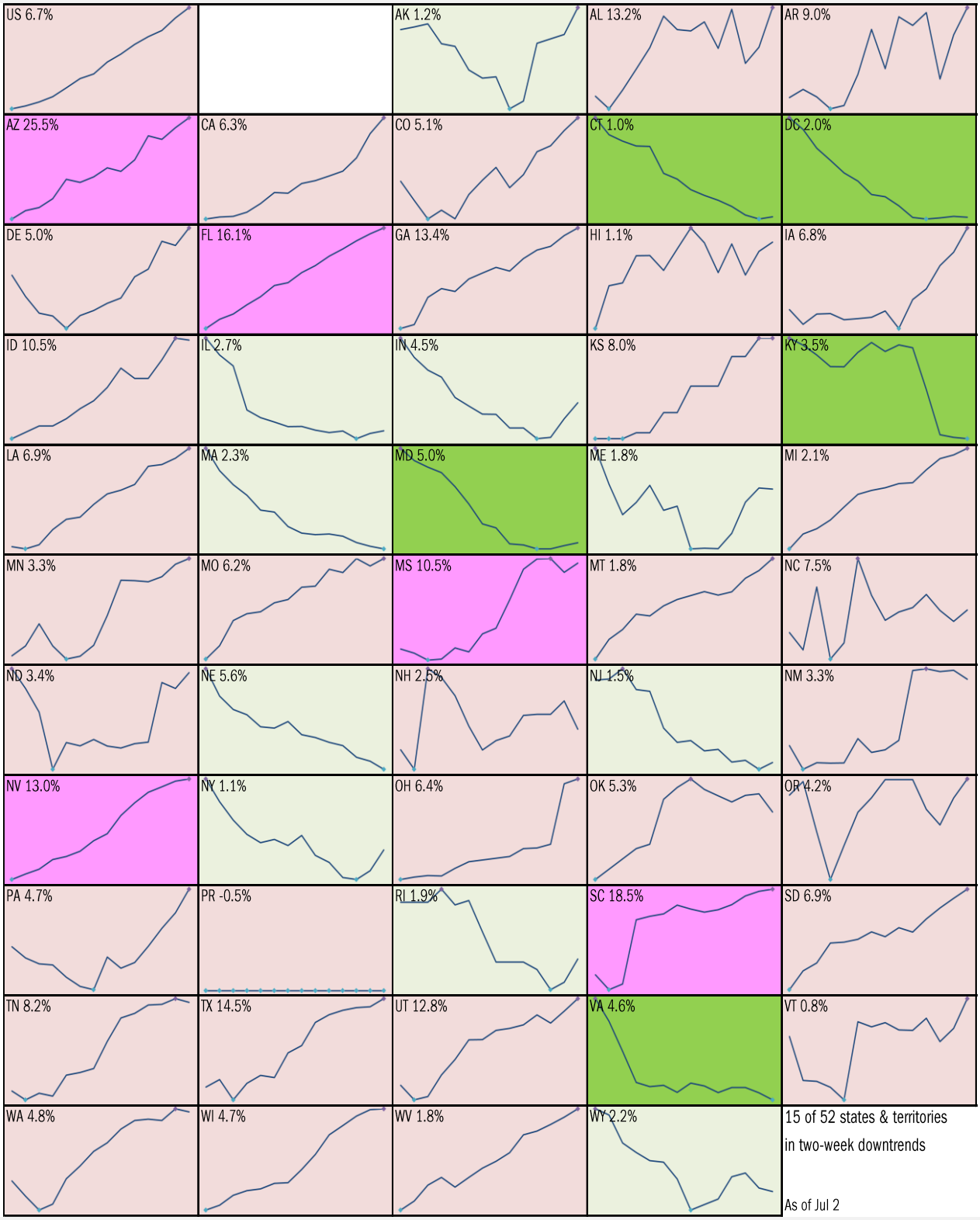


Source: Covid Tracking Project, TrendMacro calculations

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

Downward trajectory Five best Upward trajectory Five worst

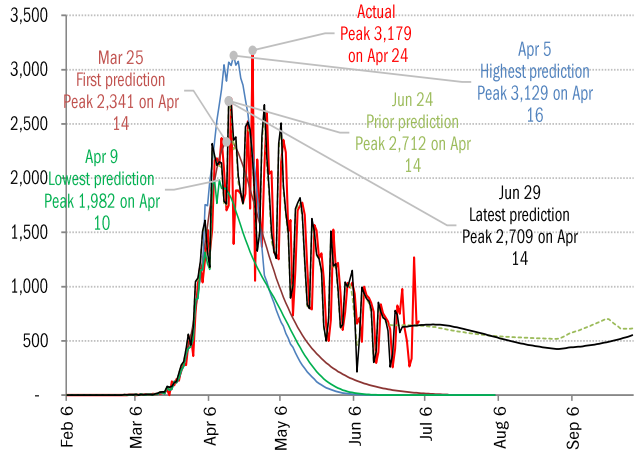


Source: Covid Tracking Project, TrendMacro calculations

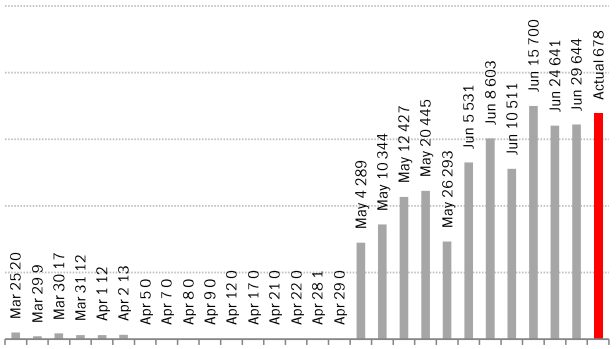
Reality-checking the models: actuals versus IHME predictions

New daily fatalities As of Jul 3

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

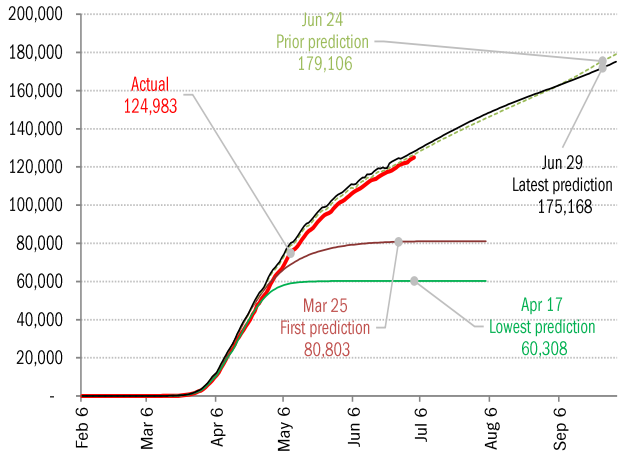


For this day, versus all model mean predictions

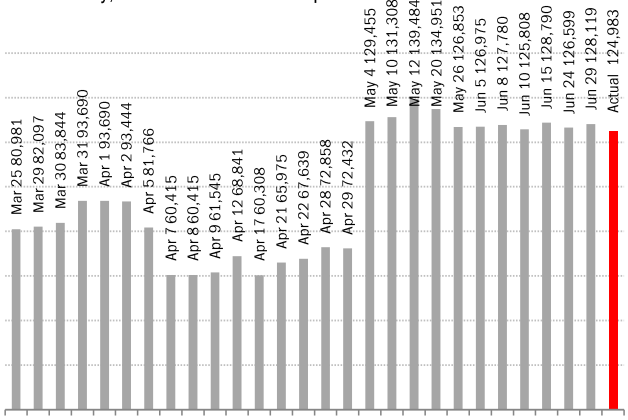


Cumulative fatalities

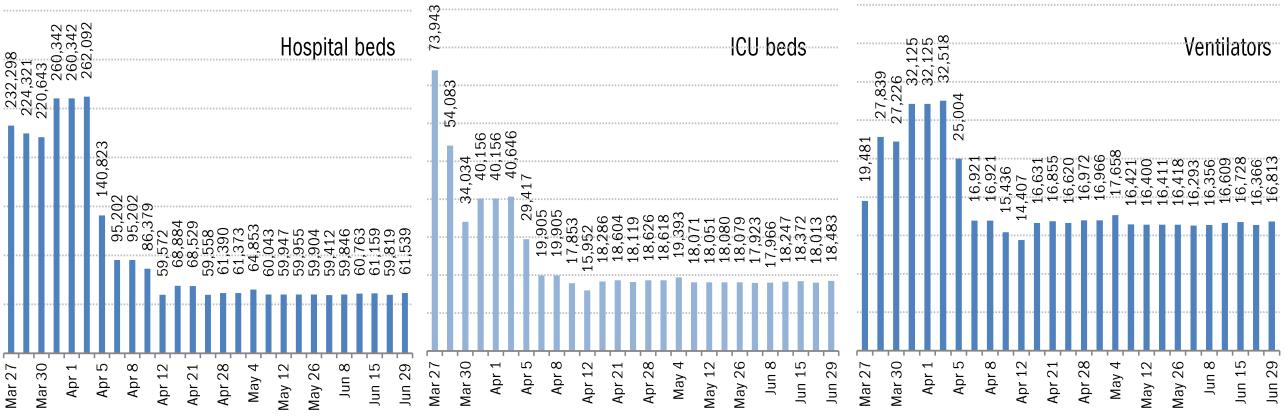
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

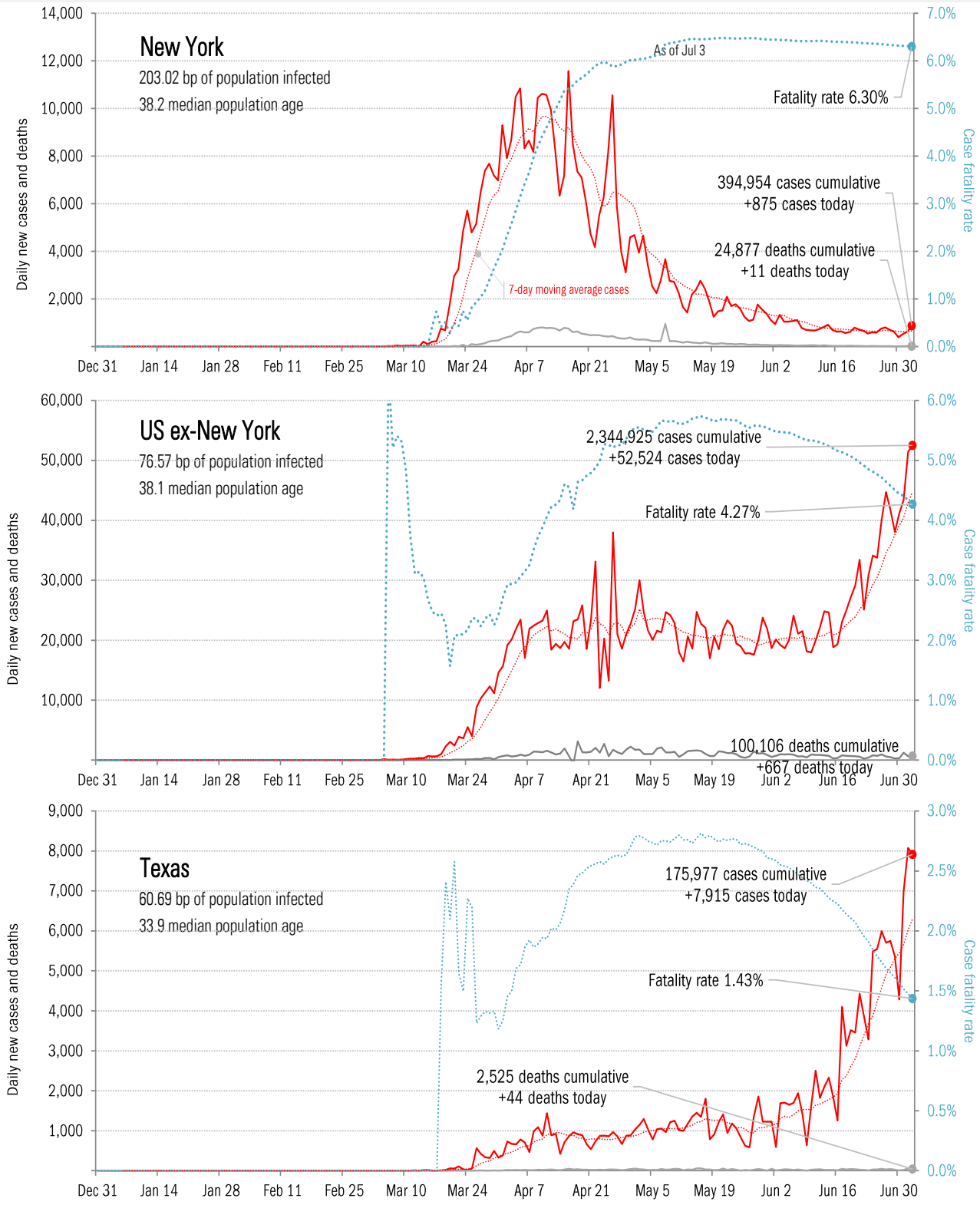


Healthcare system stress, peak estimated at each model revision



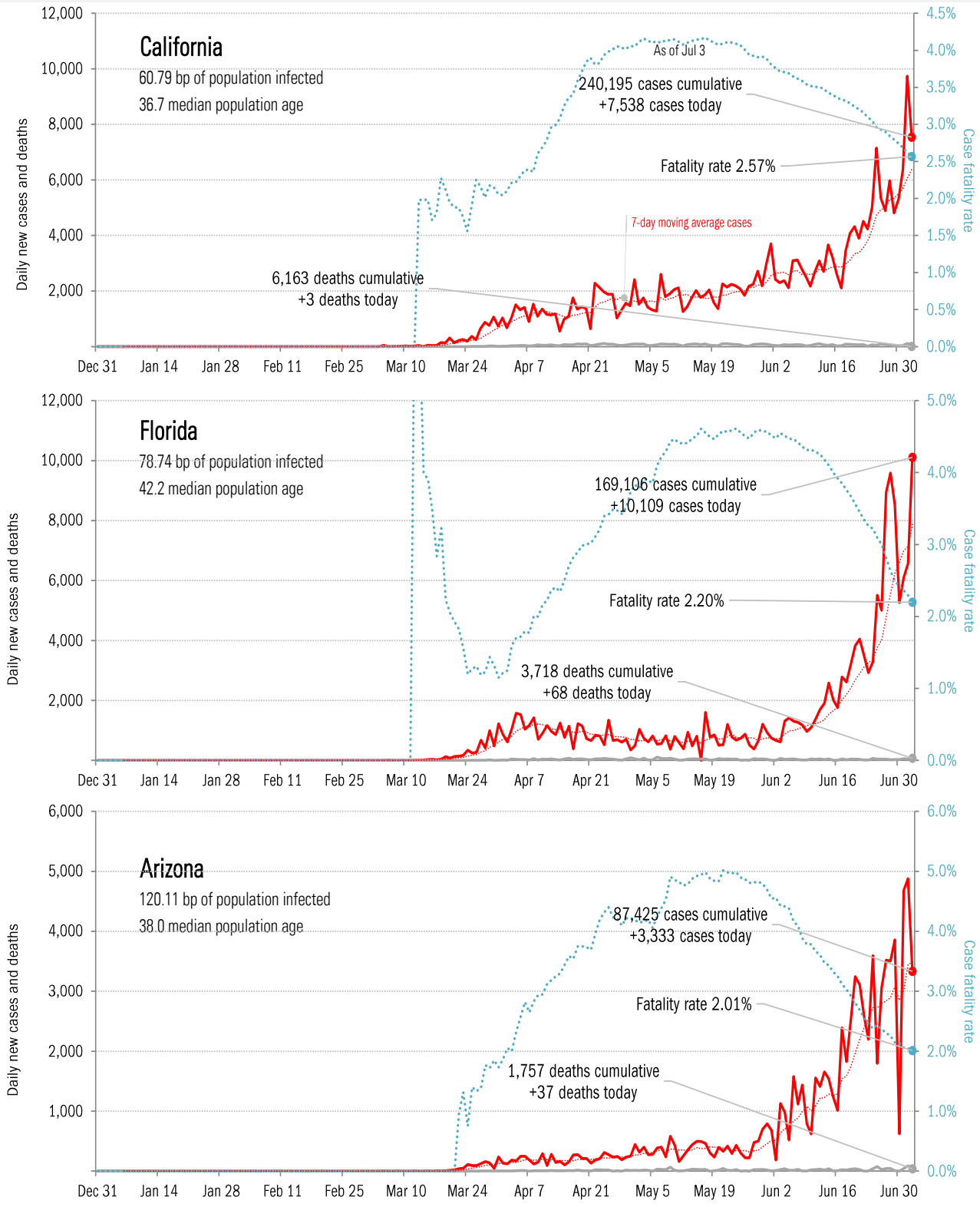
Source: ECDC, IHME, TrendMacro calculations

From Ground Zero to the Rio Grande



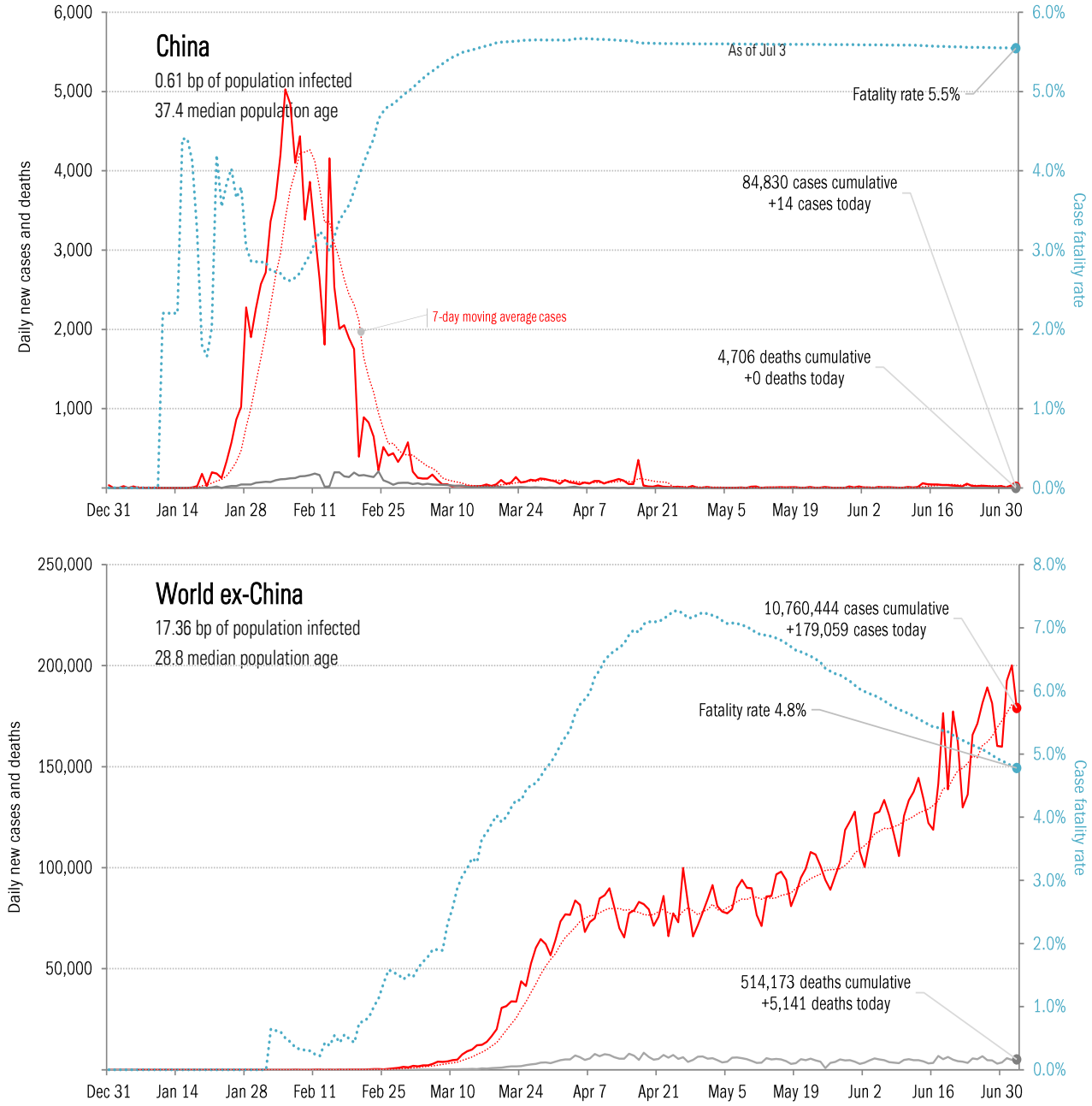
Source: ECDC, TrendMacro calculations

The “second wave” states (other than Texas)



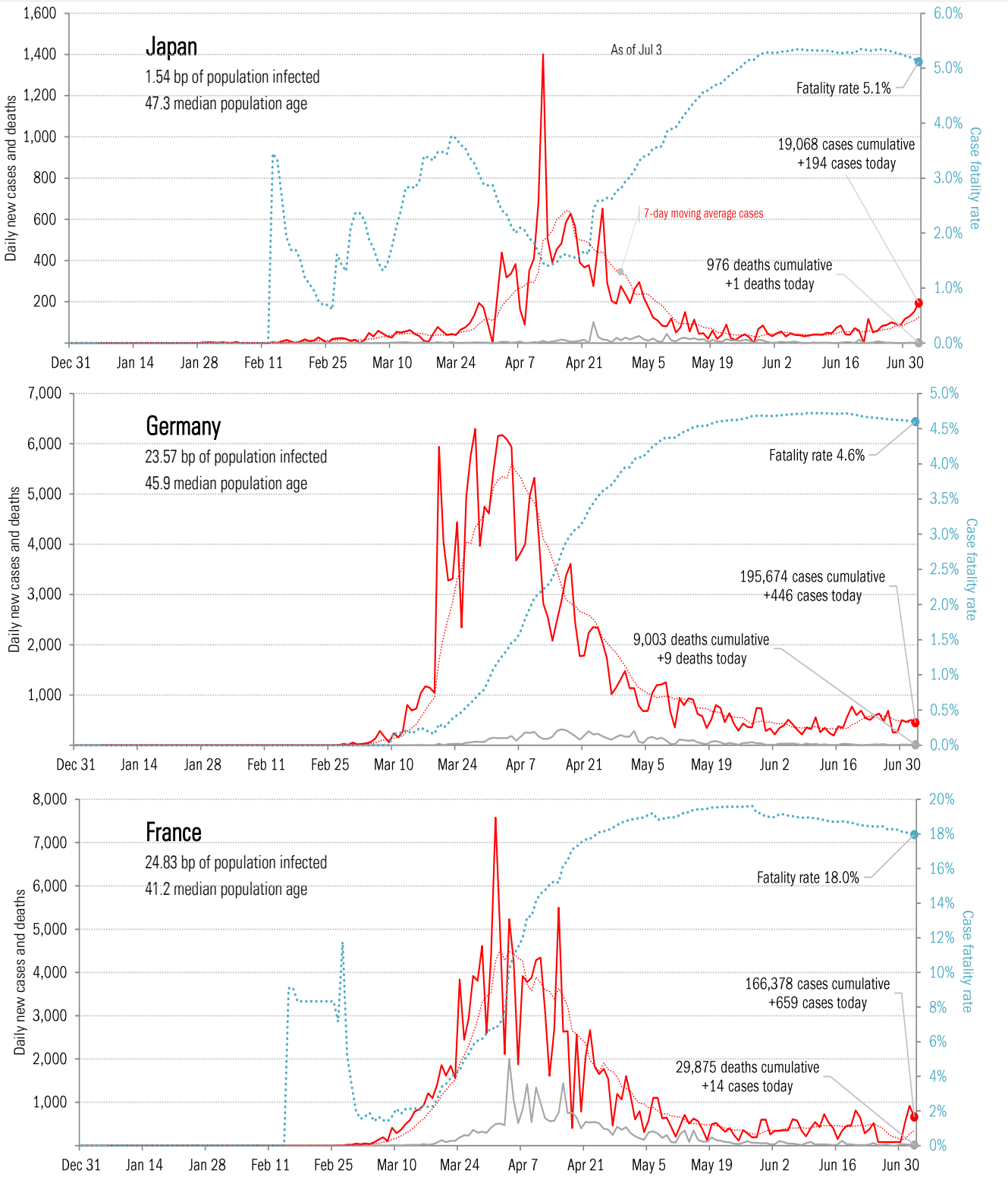
Source: ECDC, TrendMacro calculations

Patient zero… and then everyone else



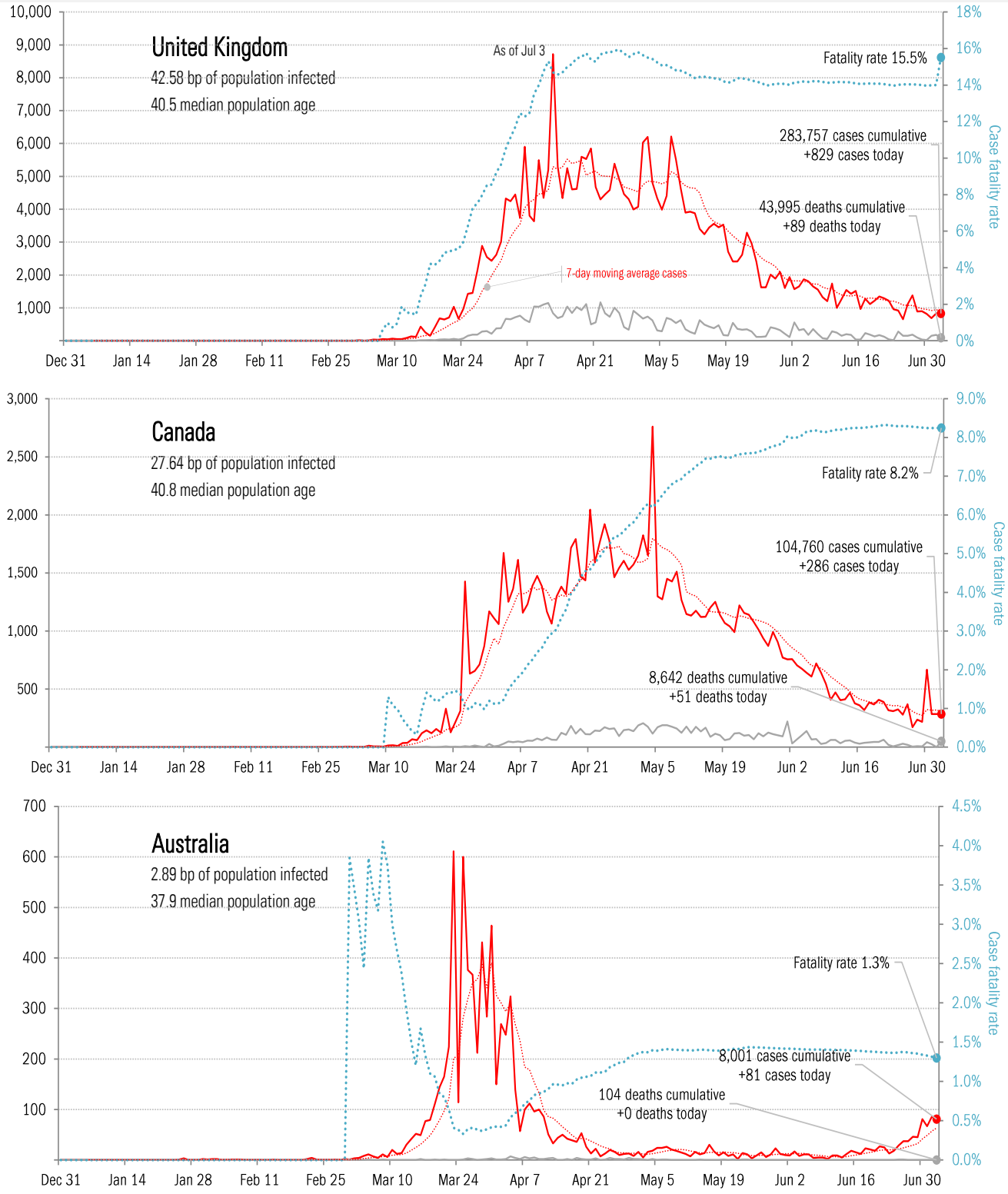
Source: ECDC, TrendMacro calculations

Impact in the largest economies



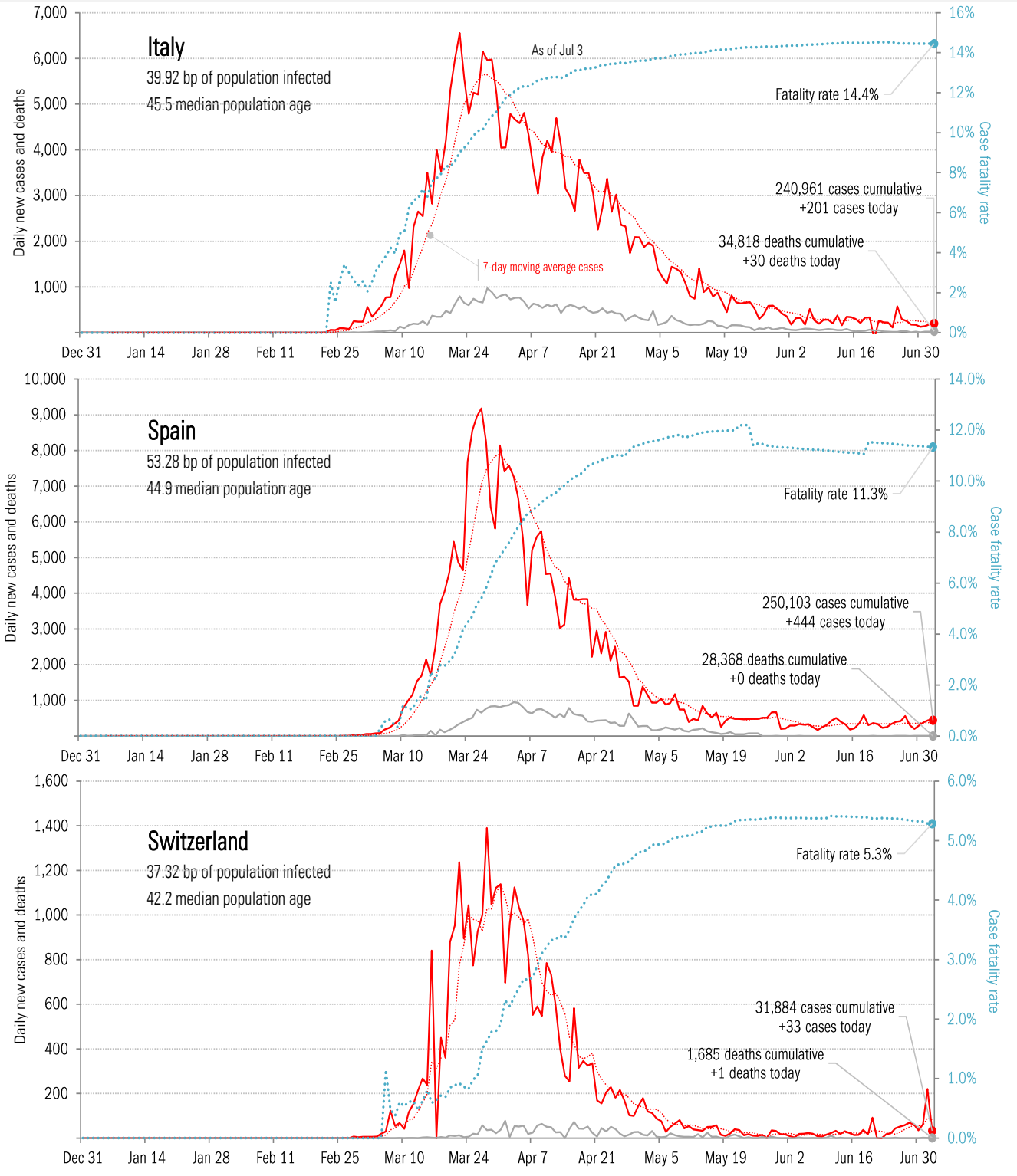
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



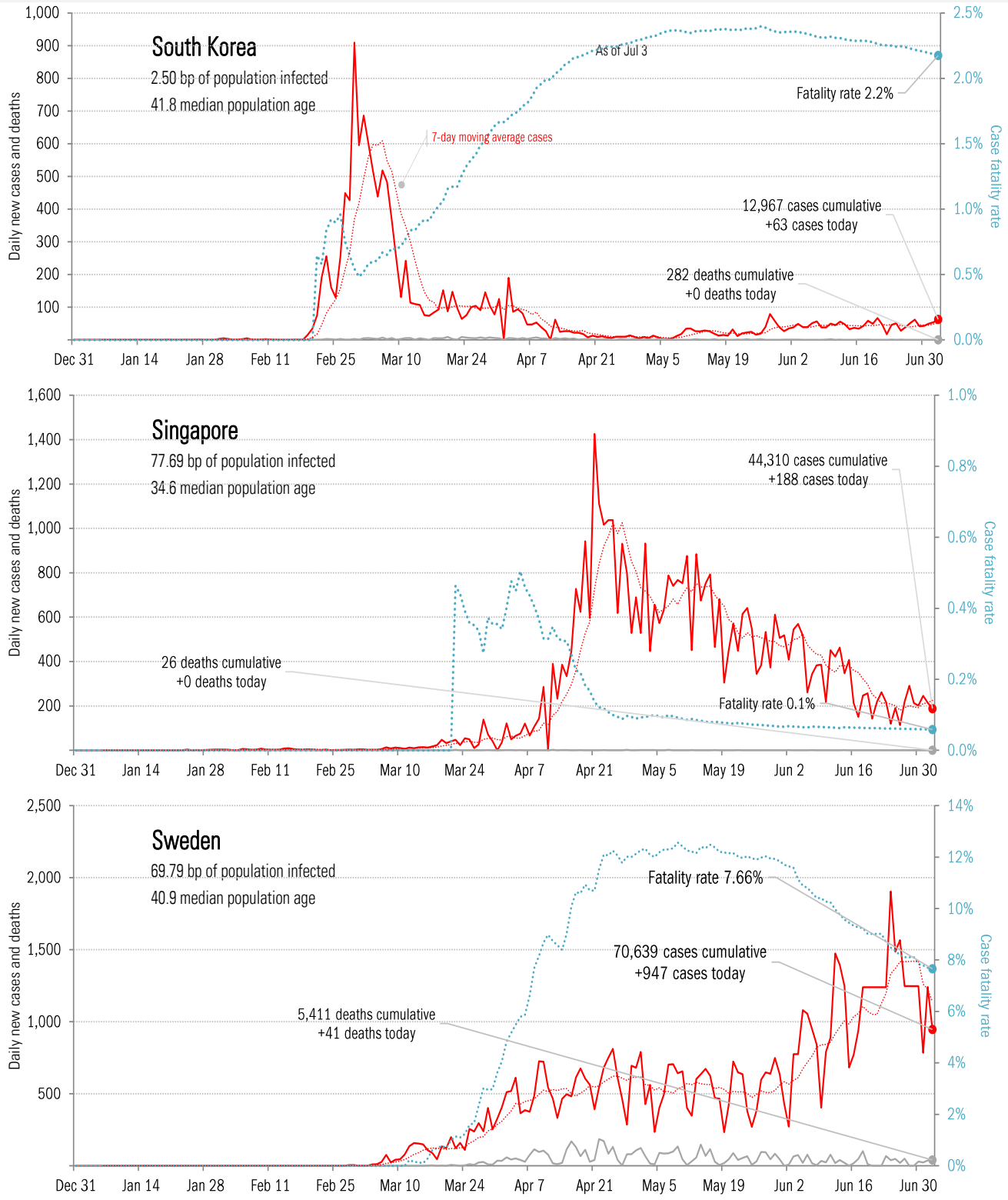
Source: ECDC, TrendMacro calculations

Impact in continental Europe



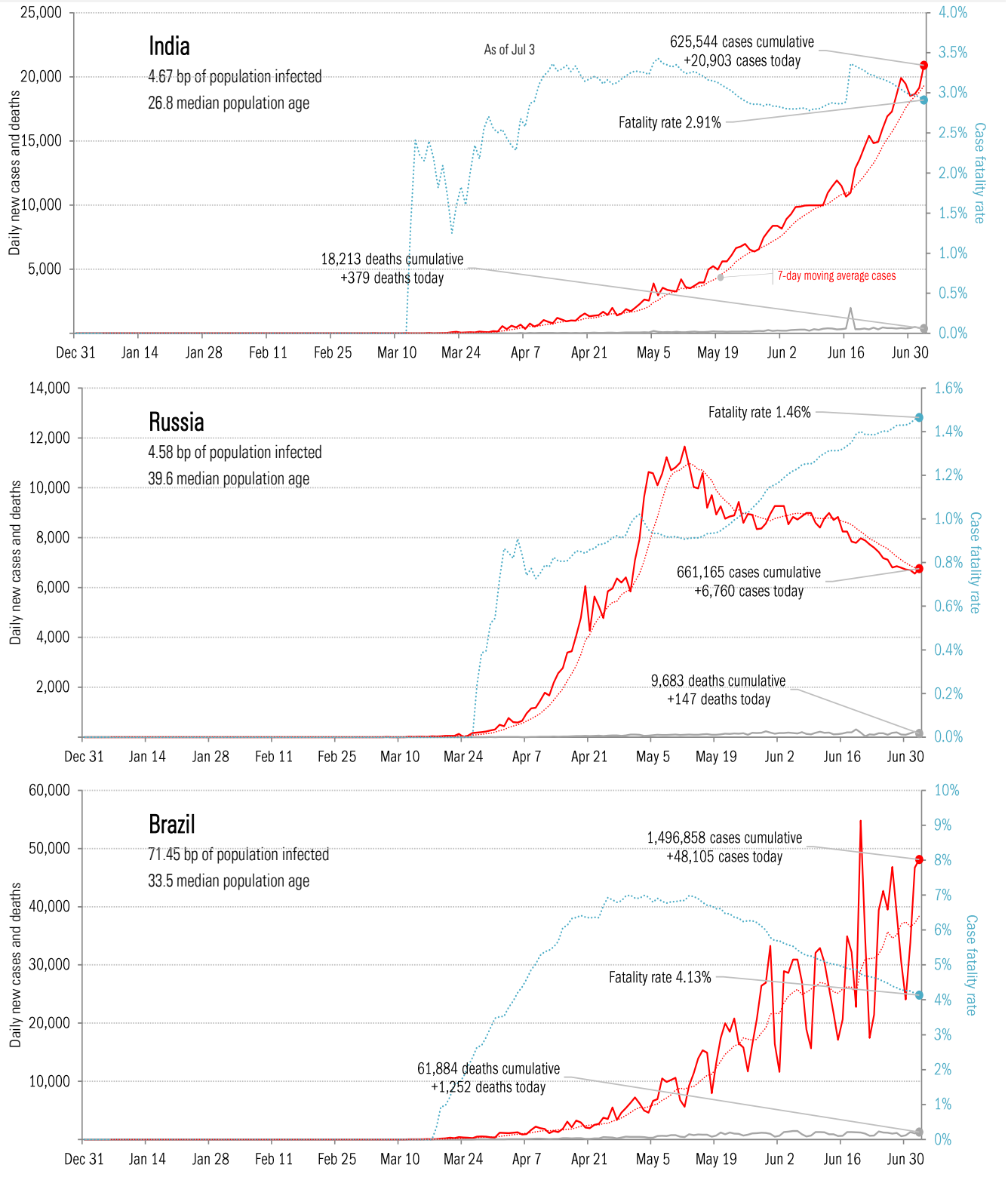
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



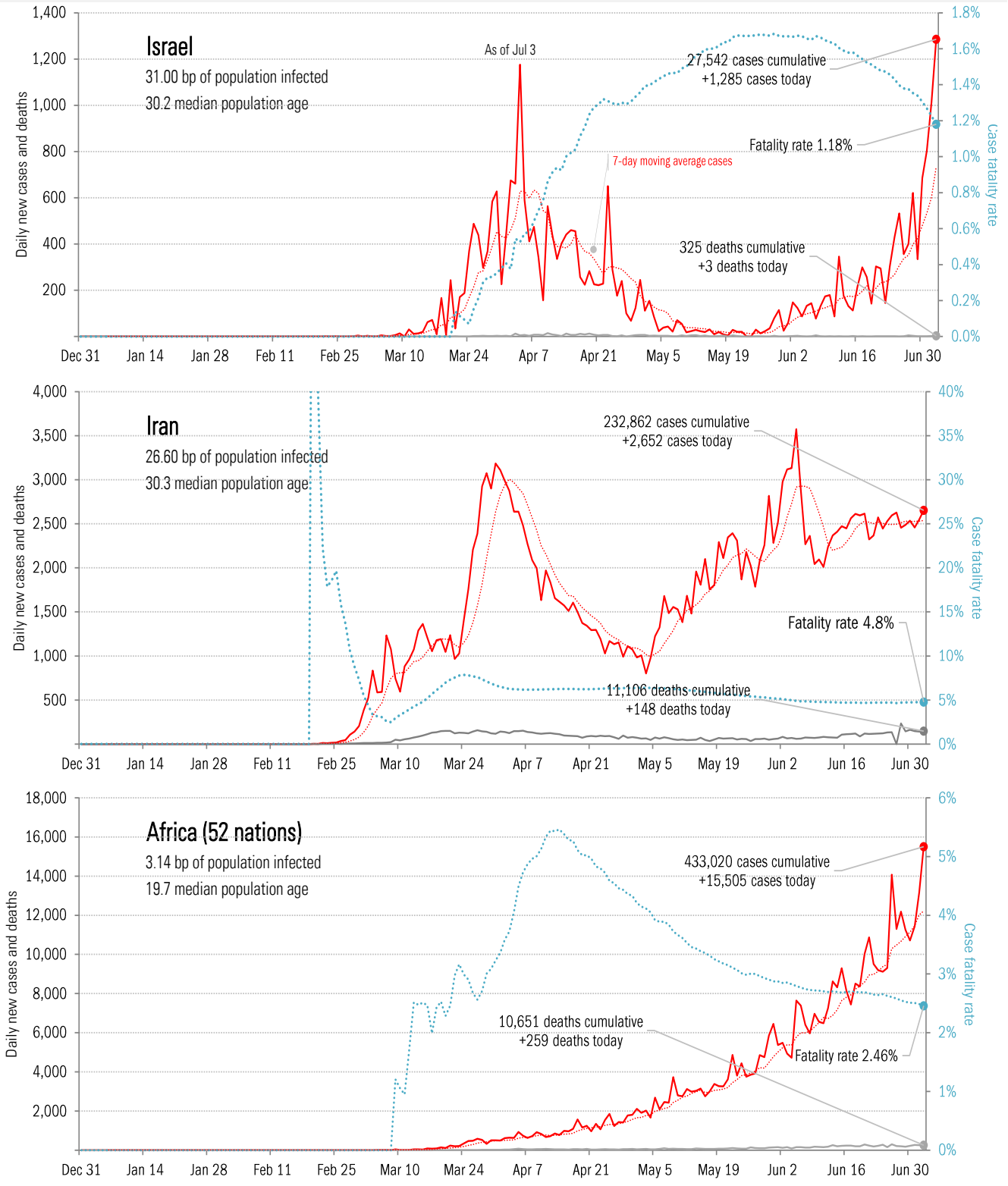
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations