Trend Macrolytics, LLC
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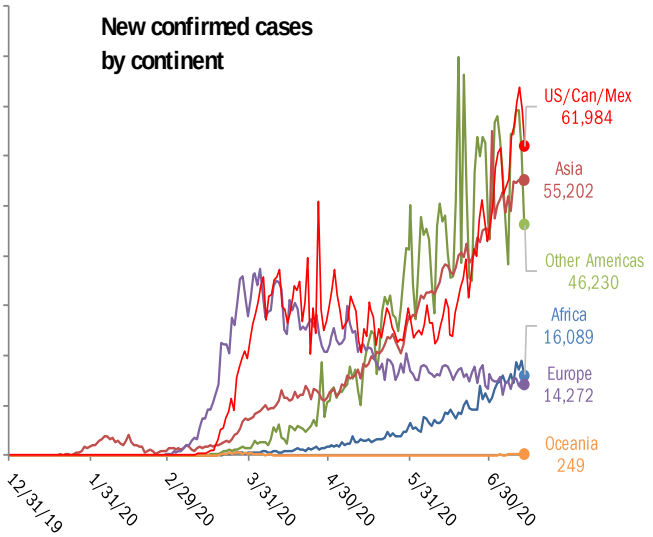
Data Insights: Covid-2019 Monitor

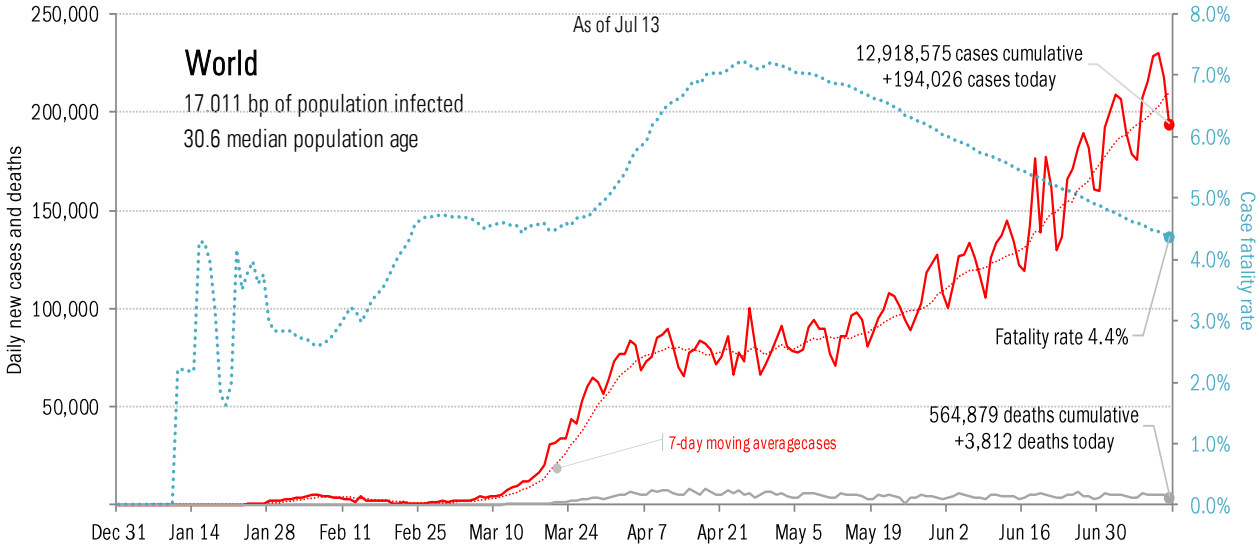
Monday, July 13, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+57,258	Brazil	+631
India	+28,701	India	+500
Brazil	+24,831	US	+391
South_Africa	+12,058	Mexico	+276
Russia	+6,615	Iran	+194
Colombia	+5,083	Colombia	+188
Mexico	+4,482	Peru	+188
Peru	+3,616	Philippines	+162
Chile	+3,012	Russia	+130
Saudi	+2,779	Kazakhstan	+111
	+148,435		+2,771
World	+194,026	World	+3,812
Top ten	77%	Top ten	73%





Source: ECDC, TrendMacro calculations

For more information contact us:

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The US scorecard

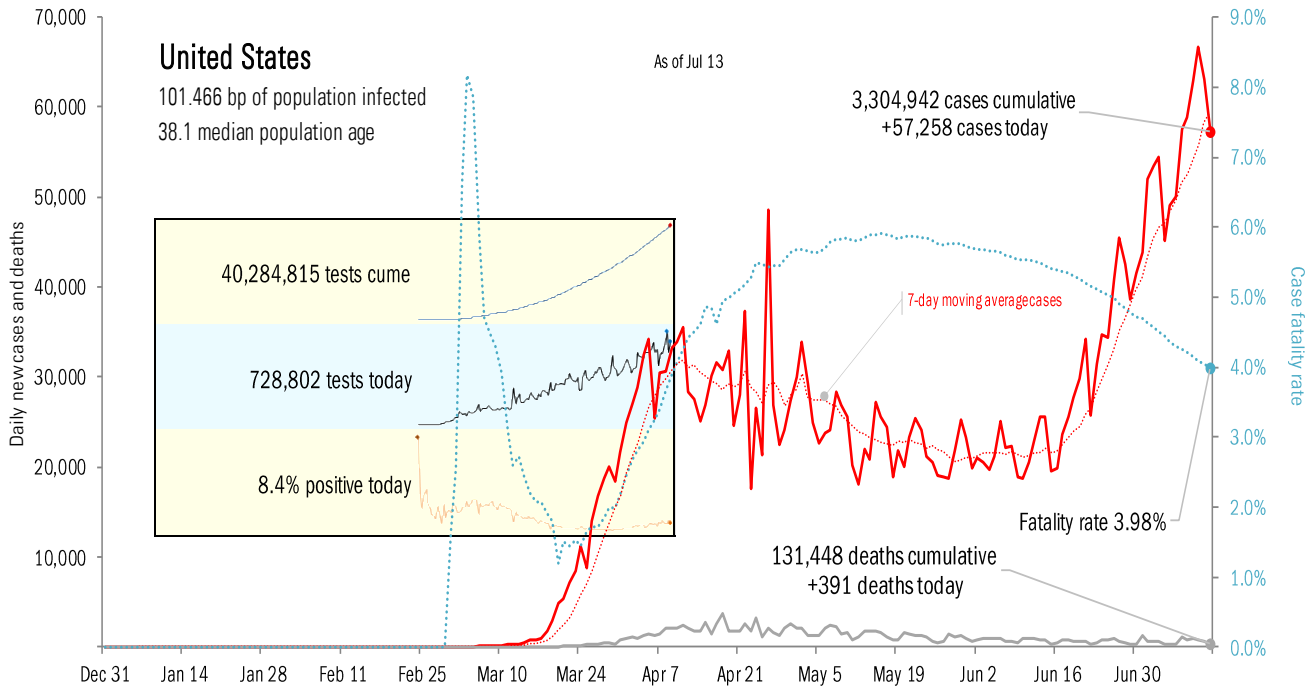
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
FL	+15,300	AZ	+86	FL	+249	NY	401,706	NY	24,979	NY	89,995
CA	+8,460	TX	+80	CH	+72	CA	320,804	NJ	15,541	NJ	20,632
TX	+8,196	CA	+72	IN	+69	FL	269,811	MA	8,325	FL	18,590
AZ	+2,537	FL	+45	MD	+67	TX	258,658	IL	7,388	GA	13,259
GA	+2,525	CH	+22	VA	+64	NJ	175,298	CA	7,017	MA	11,608
SC	+1,949	IL	+19	TN	+57	IL	155,048	PA	6,904	MD	11,420
NC	+1,908	MS	+19	GA	+54	AZ	122,467	MI	6,314	CT	10,552
AL	+1,640	NJ	+16	AZ	+45	GA	116,926	CT	4,348	VA	10,355
AR	+1,564	MA	+15	AR	+42	MA	111,597	FL	4,346	CH	8,842
CH	+1,378	LA	+13	CK	+40	PA	95,266	LA	3,416	IN	7,527
	+45,457		+387		+759		2,027,581		88,578		202,780
All states	+60,978	All states	+476	All states	+939	All states	3,291,969	All states	127,677	All states	263,651
Top ten	75%	Top ten	81%	Top ten	81%	Top ten	62%	Top ten	69%	Top ten	77%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-2,155	FL	-53	AL	-3,656	TX	+4,758
LA	-848	NJ	-30	GA	-214	AR	+949
MO	-824	MI	-27	FL	-176	MN	+570
GA	-665	GA	-26	NJ	-65	CH	+562
WA	-637	CA	-22	AZ	-46	PA	+444



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

Recommended reading

[Why everyone was wrong]
Beda M Stadler
Medium
July 1, 2020

[Jones: COVID-19 data reporting by state of Florida is unreliable, raises too many questions]
Rebekah Jones
Palm Beach Post
July 6, 2020

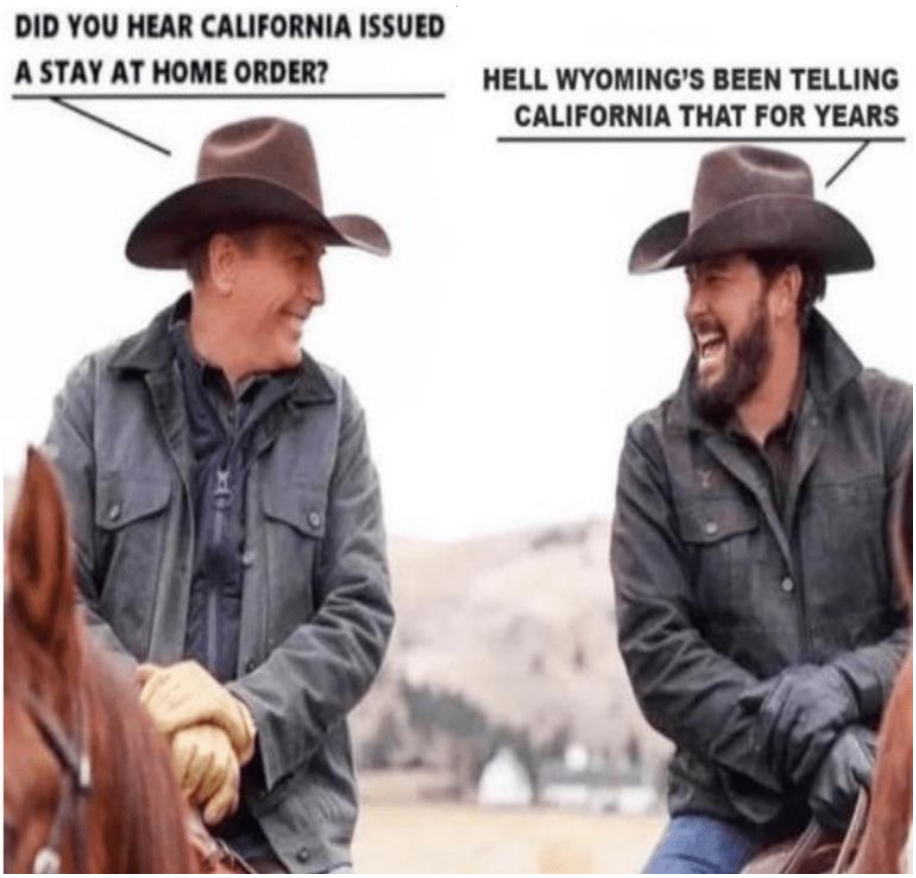
[Interview with Assistant Health Secretary Brett Giroir]
Meet the Press
July 12, 2020

[Fauci Doesn't Weigh 'Whole National Interest,' Virus Task Force Member Says]
Ros Krasny
Bloomberg
July 12, 2020

[Wuhan Shows World How Economies May Recover After the Virus]
Bloomberg
July 10, 2020

[Covid-19 Cases Jump in Sunbelt Nursing Homes]
Christopher Weaver, Anna Wilde Mathews and Jon Kamp
Wall Street Journal
July 11, 2020

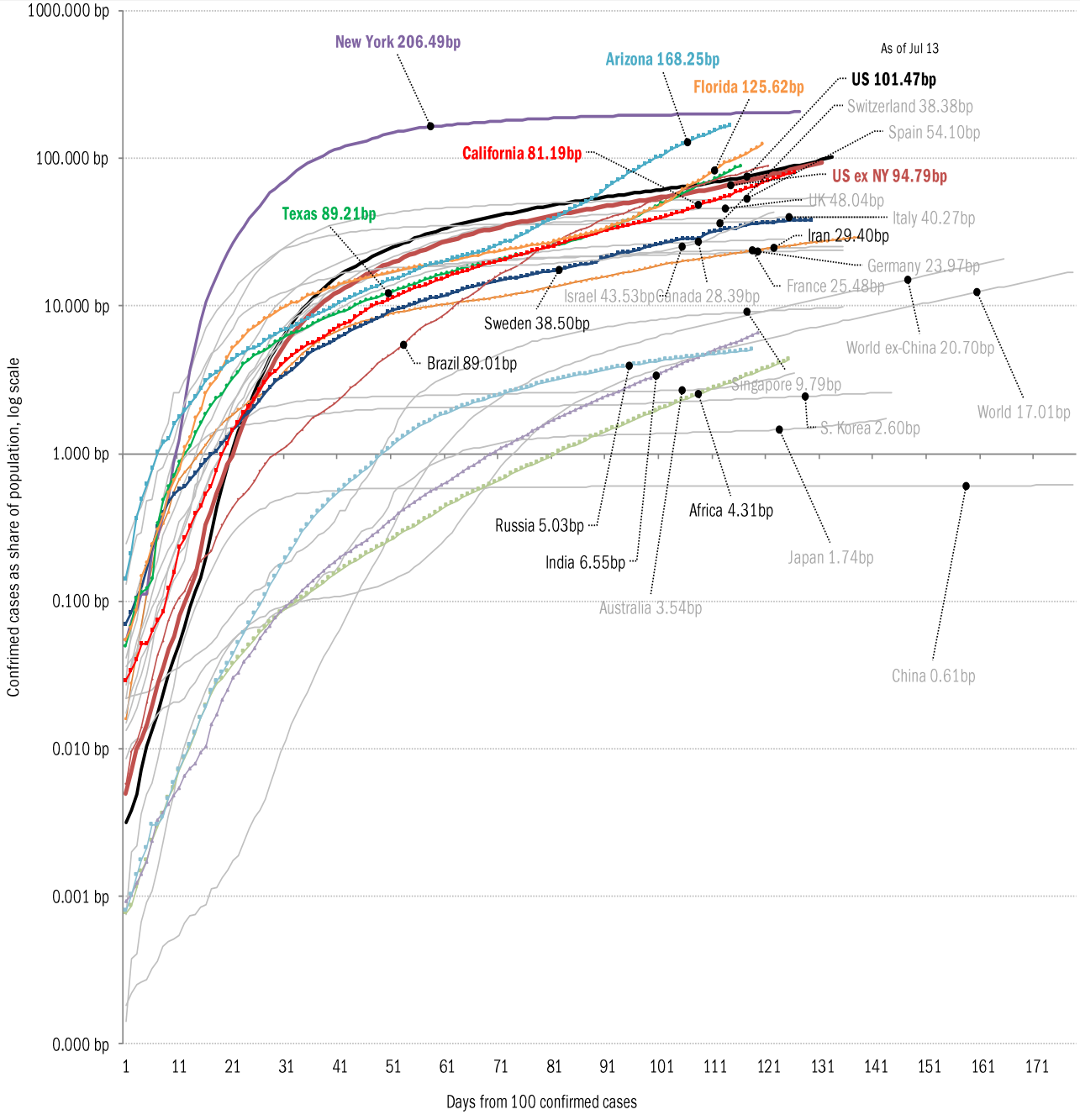
Meme of the day



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

The coronavirus case accelerometer… tracking the world's infection curves

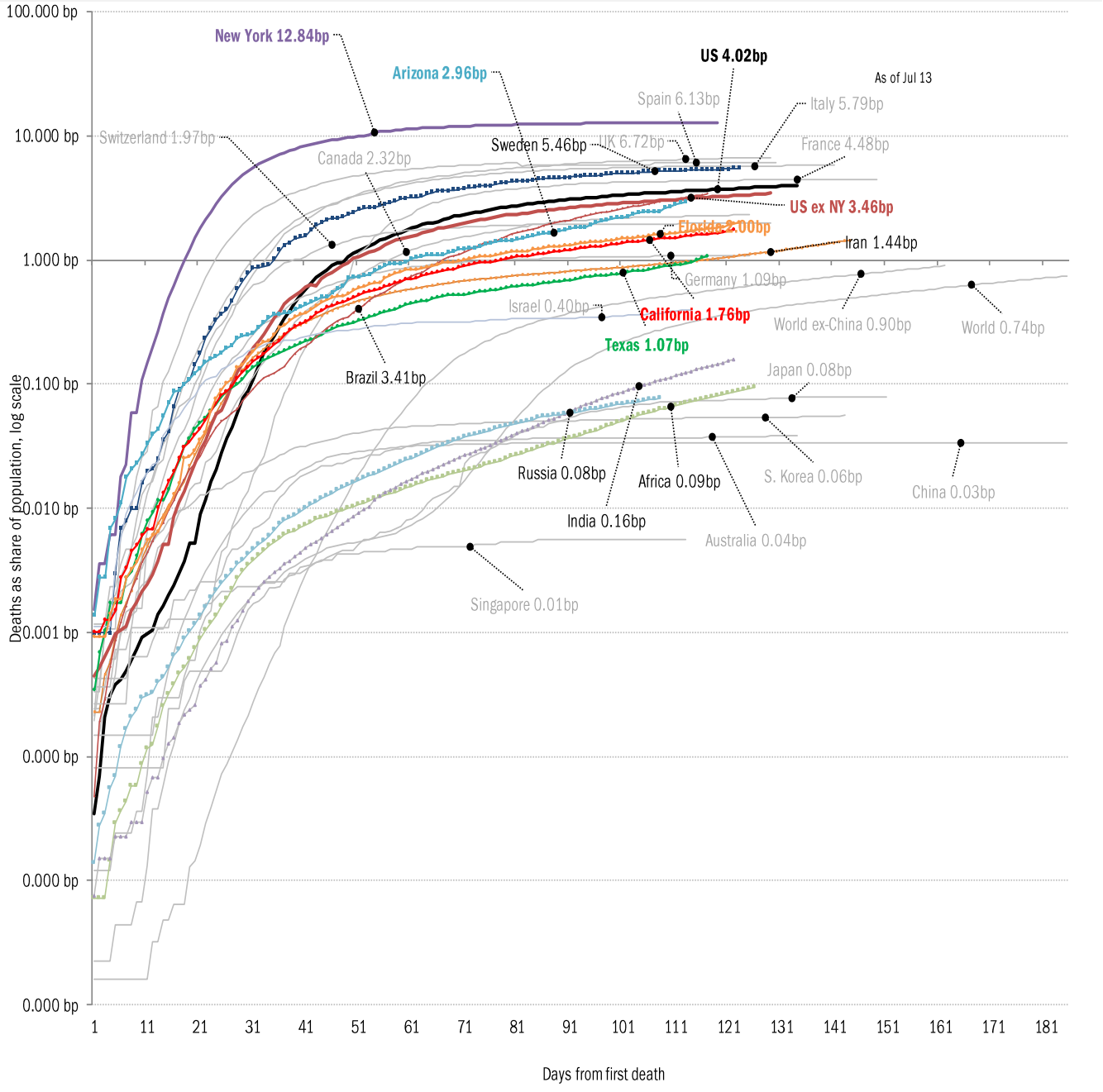
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

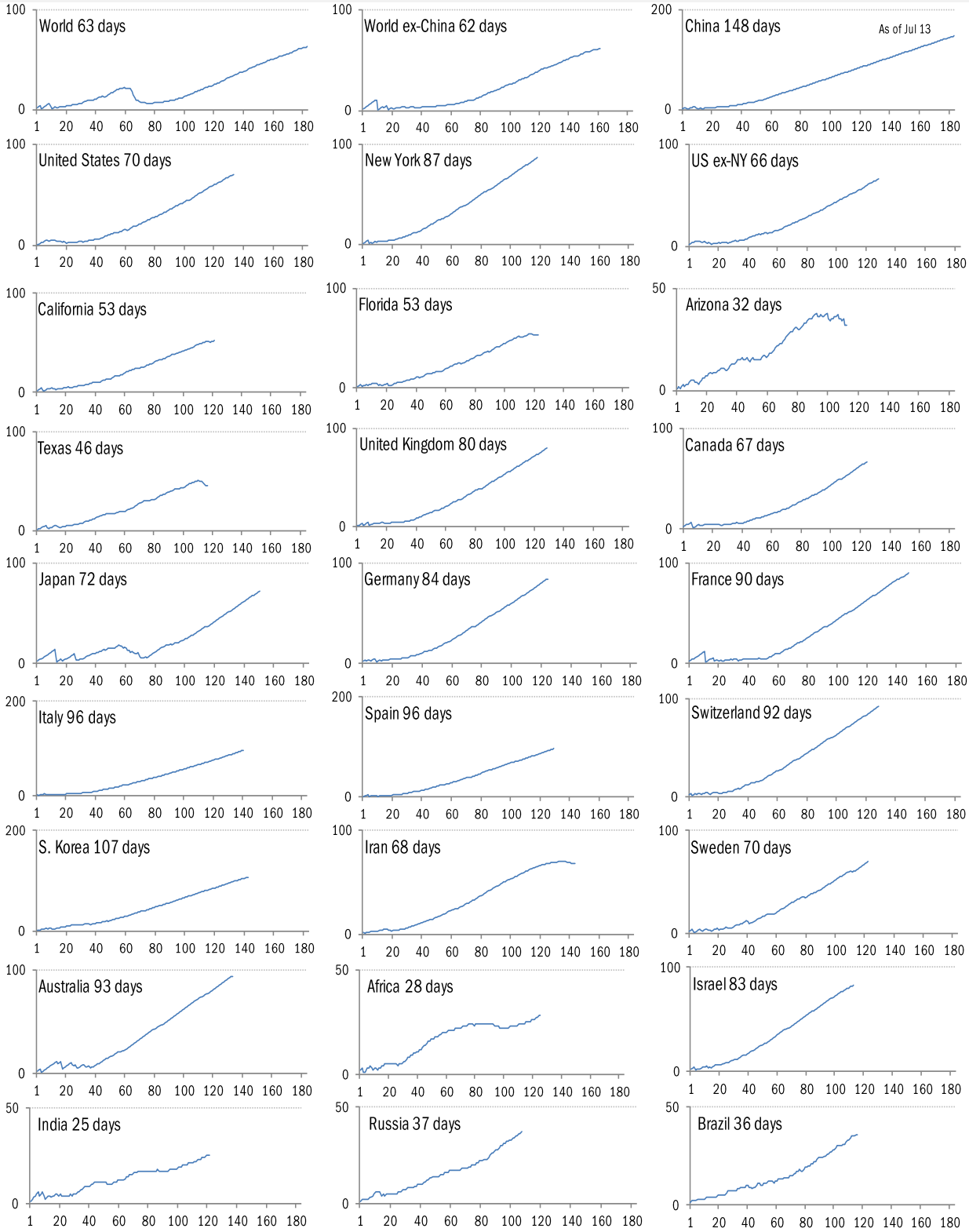
Share of deceased population from day of first fatality



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

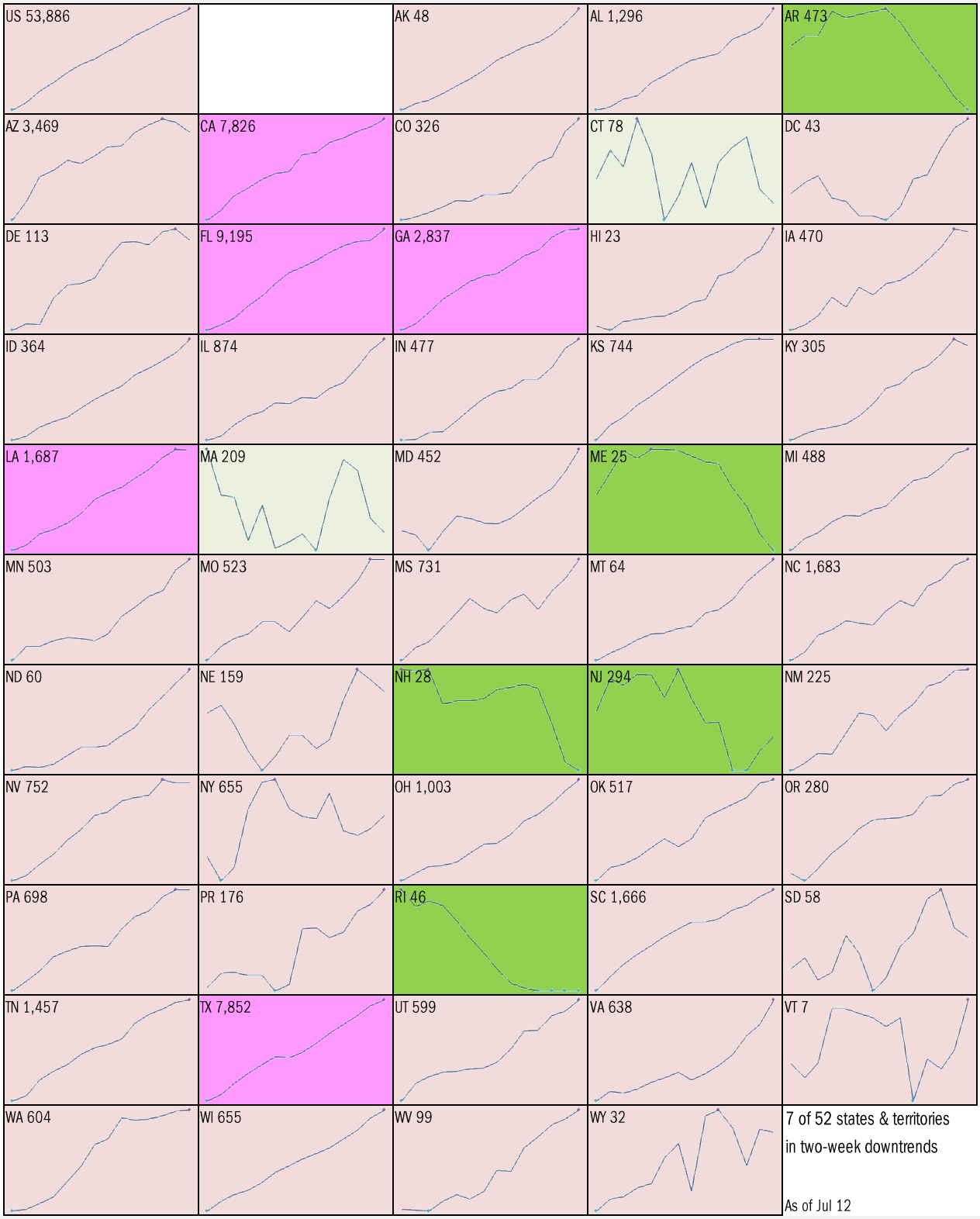


Source: ECDC, TrendMacro calculations

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

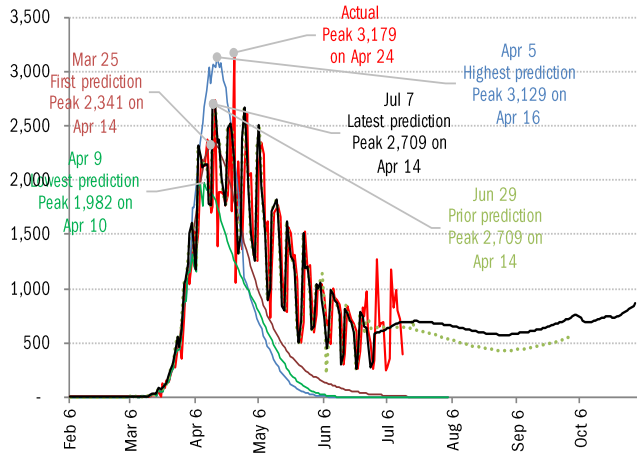
Downward trajectory Five best Upward trajectory Five worst

Source: Covid Tracking Project, TrendMacro calculations

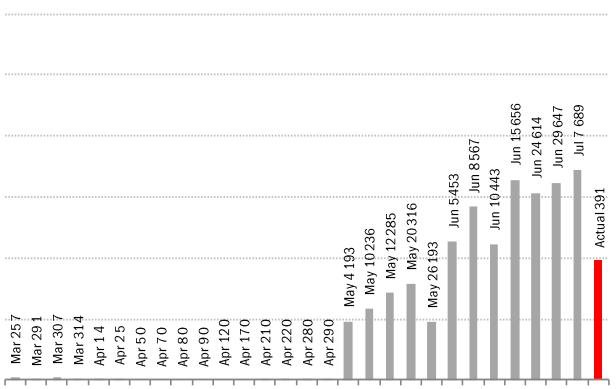
Reality-checking the models: actuals versus IHME predictions

New daily fatalities As of Jul 13

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

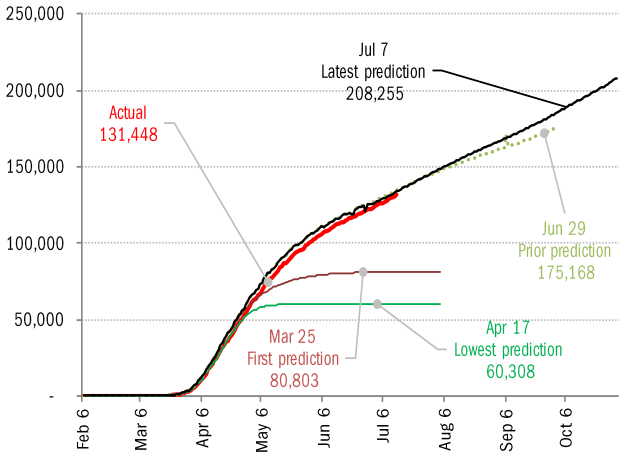


For this day, versus all model mean predictions

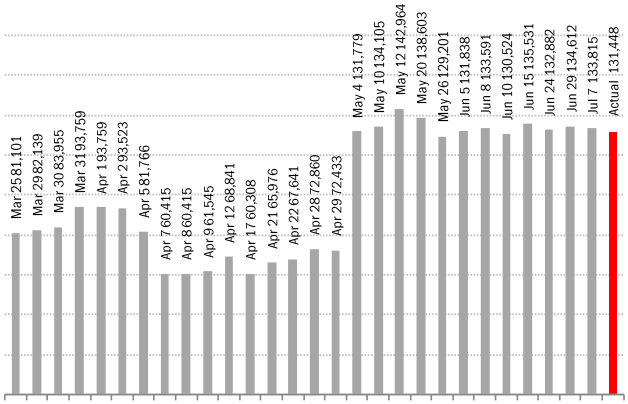


Cumulative fatalities

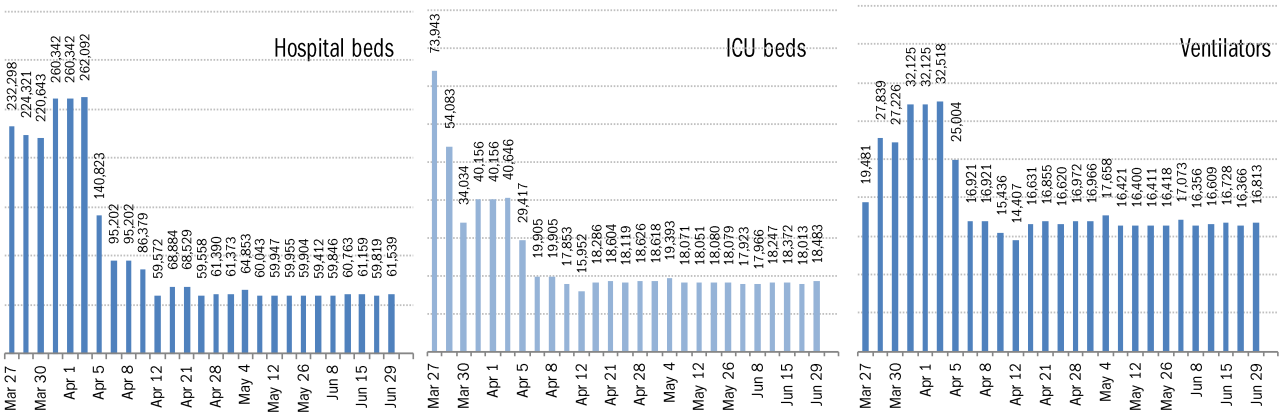
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

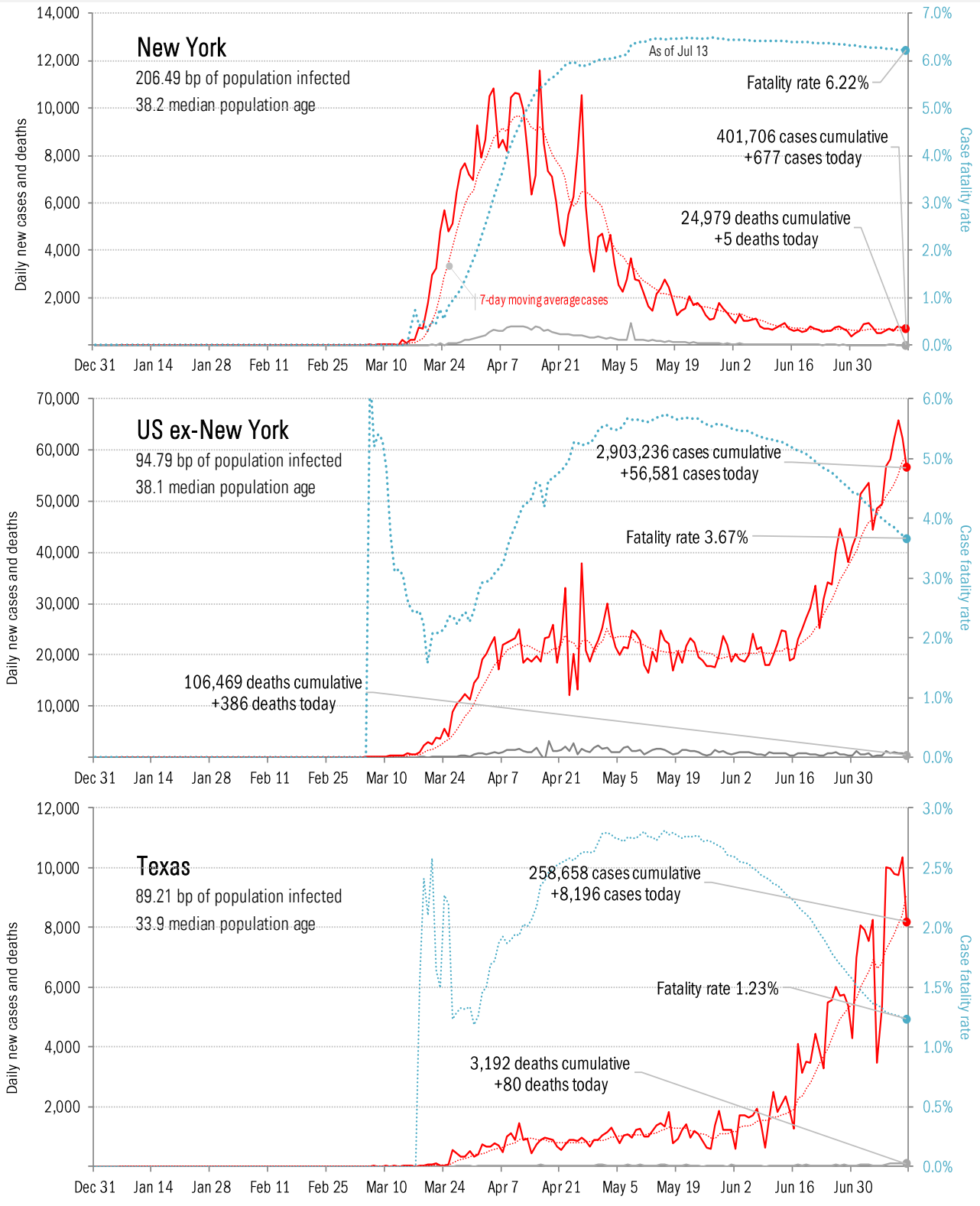


Healthcare system stress, peak estimated at each model revision



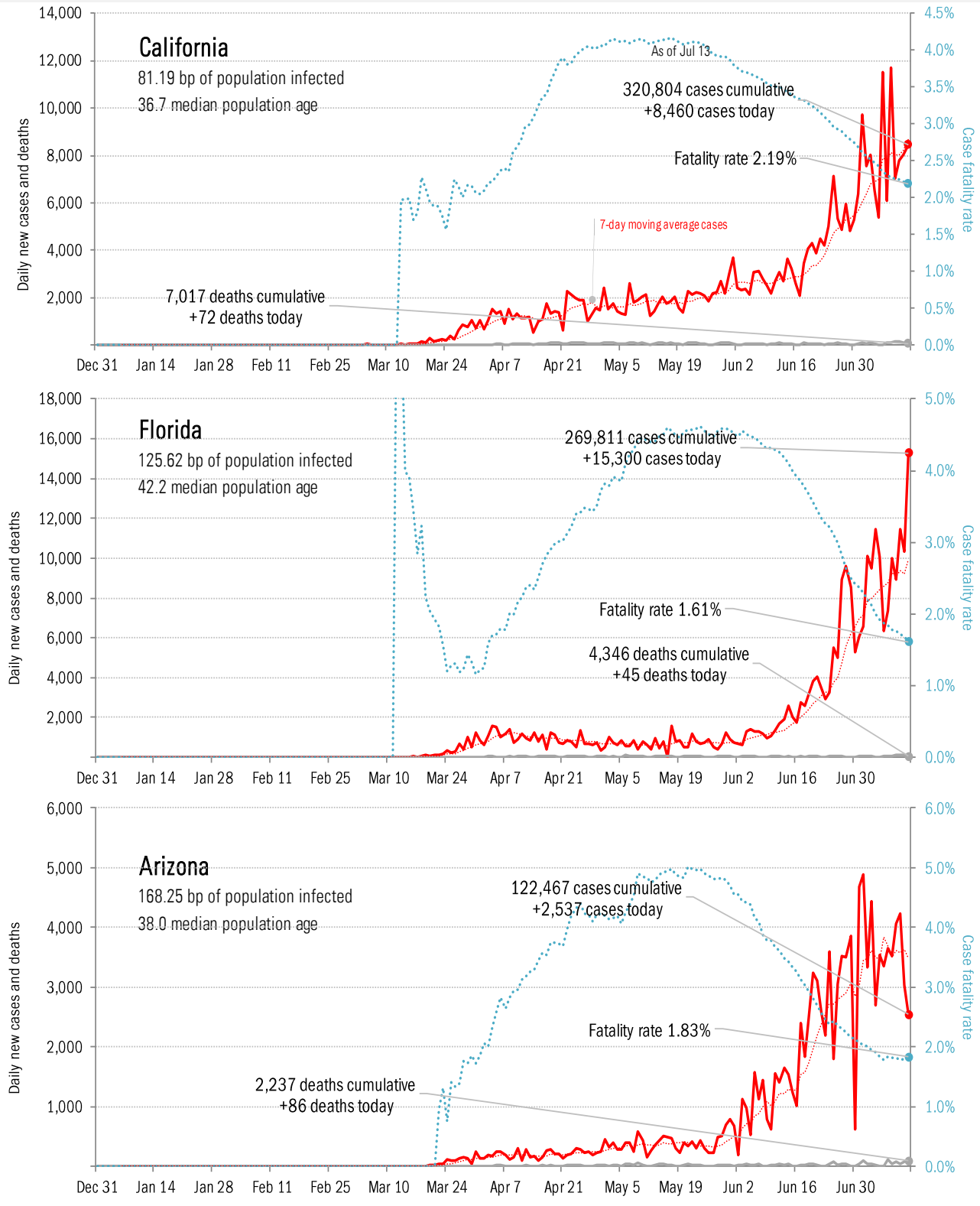
Source: ECDC, IHME, TrendMacro calculations

From Ground Zero to the Rio Grande



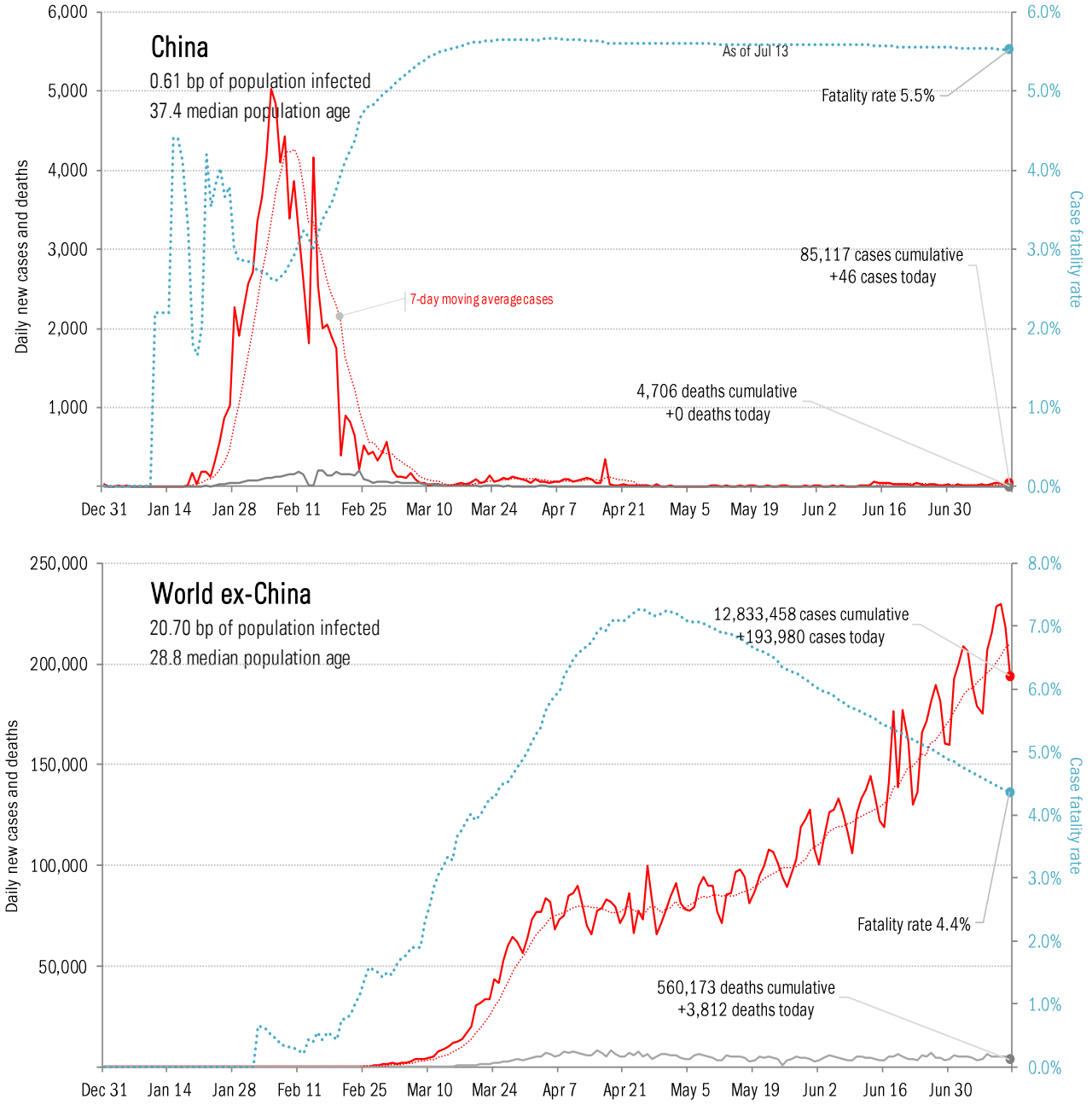
Source: ECDC, TrendMacro calculations

The “second wave” states (other than Texas)



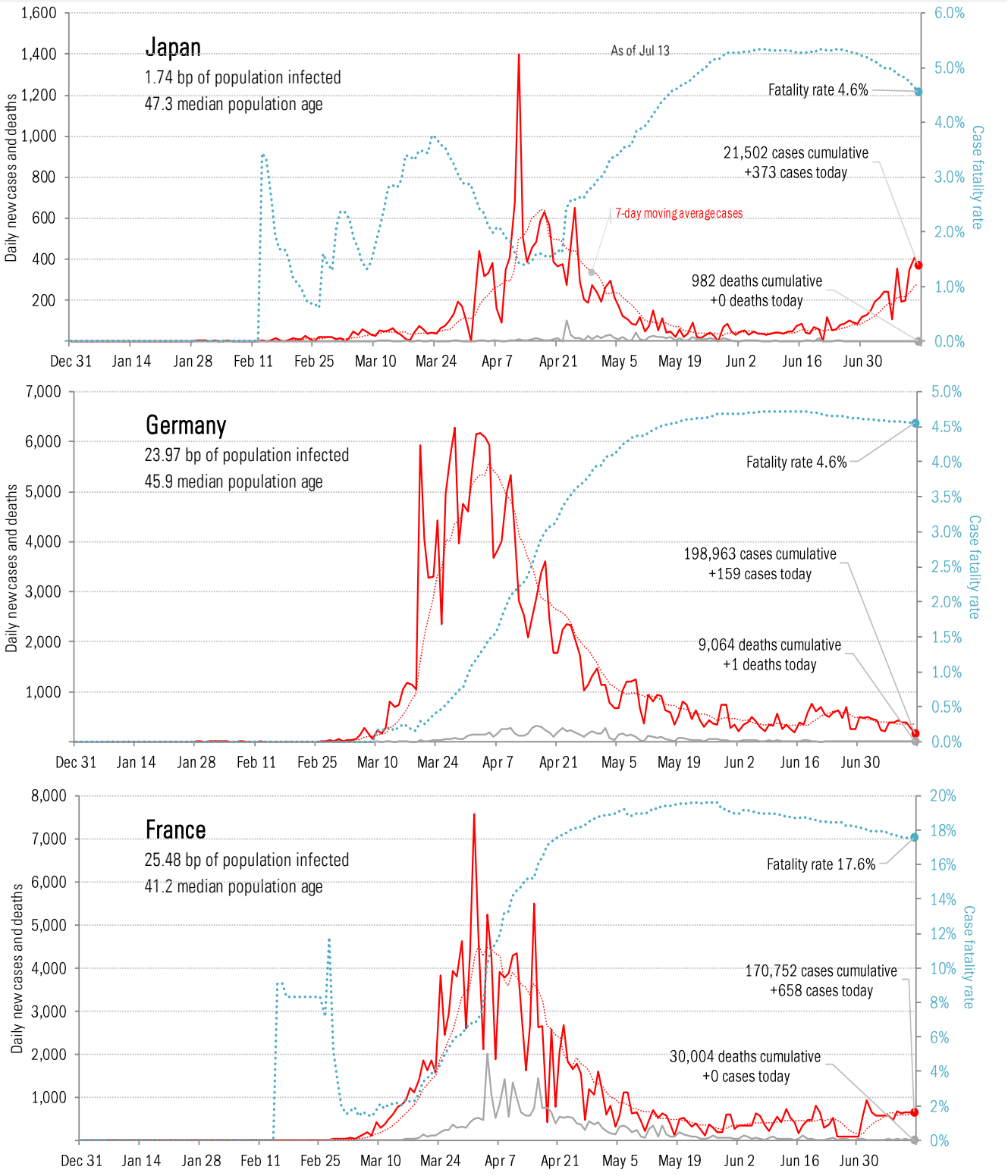
Source: ECDC, TrendMacro calculations

Patient zero… and then everyone else



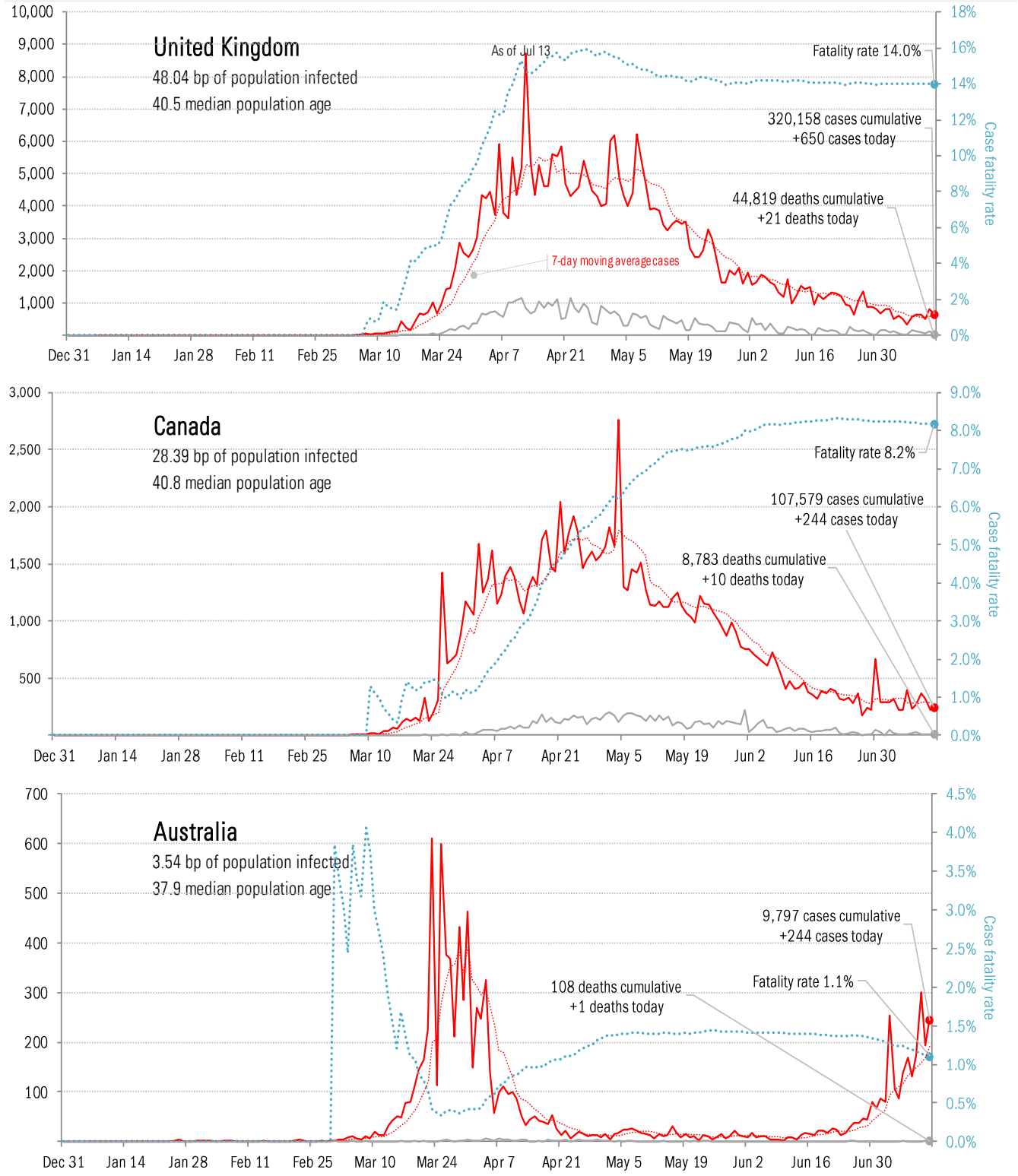
Source: ECDC, TrendMacro calculations

Impact in the largest economies



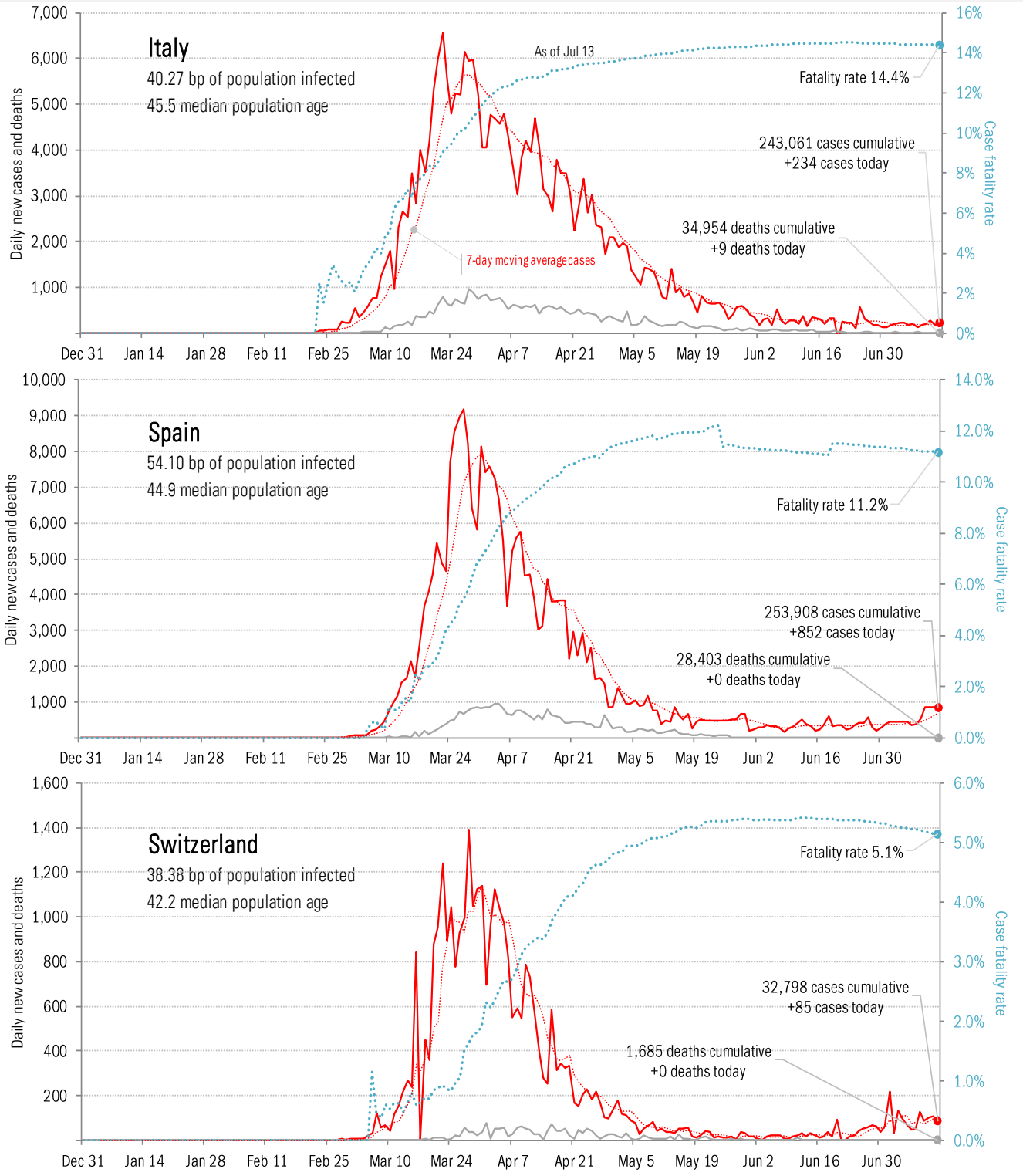
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



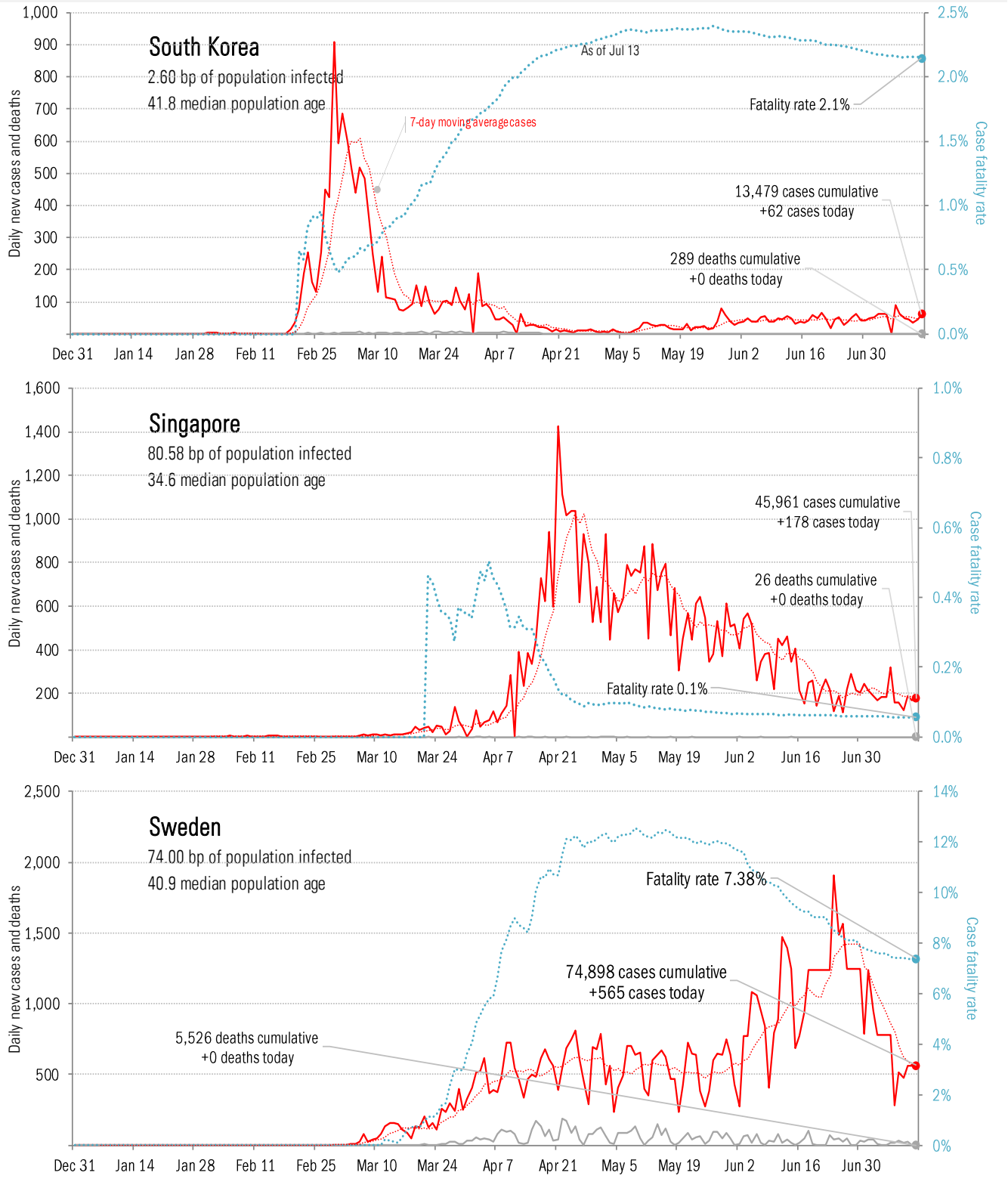
Source: ECDC, TrendMacro calculations

Impact in continental Europe



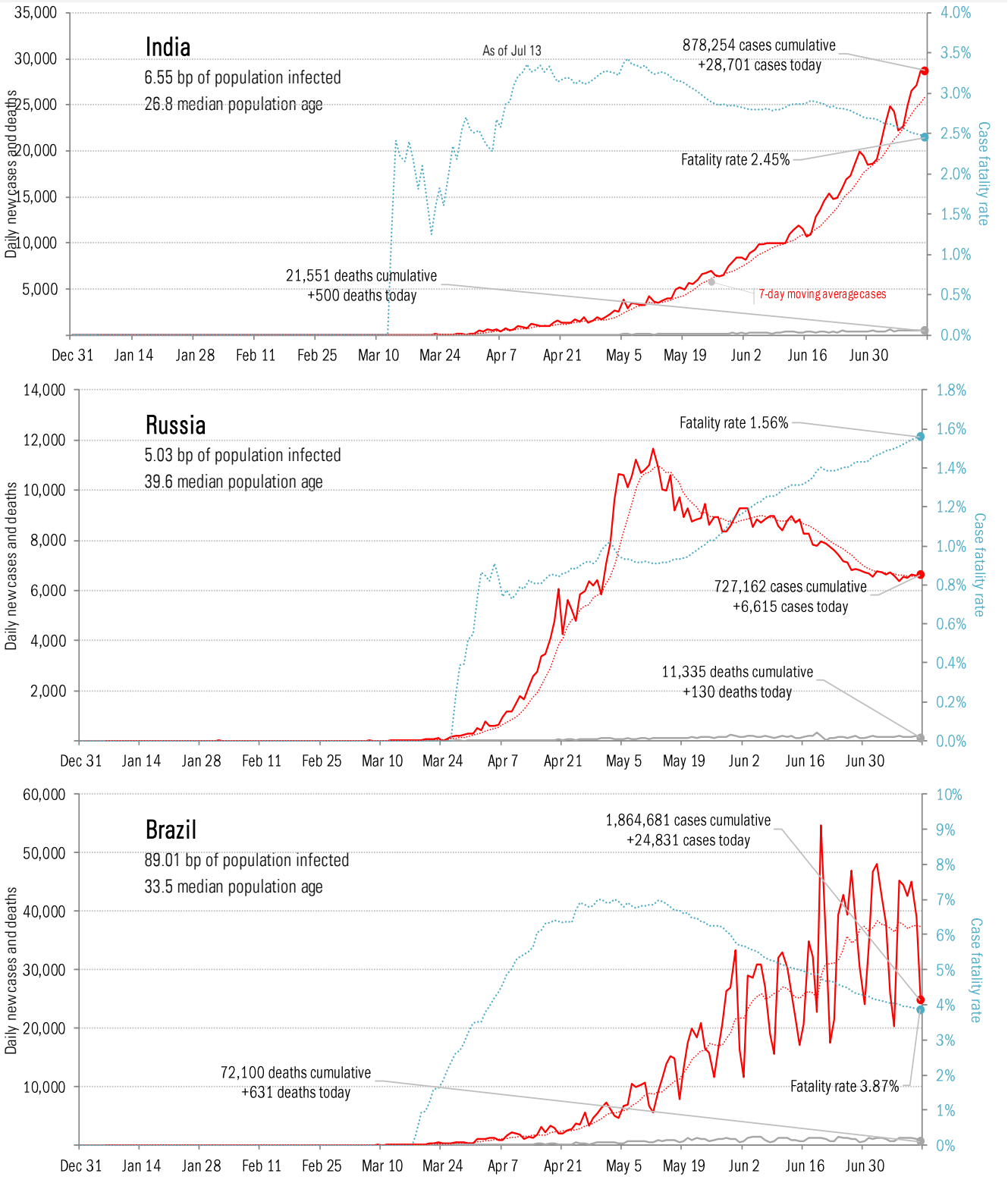
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



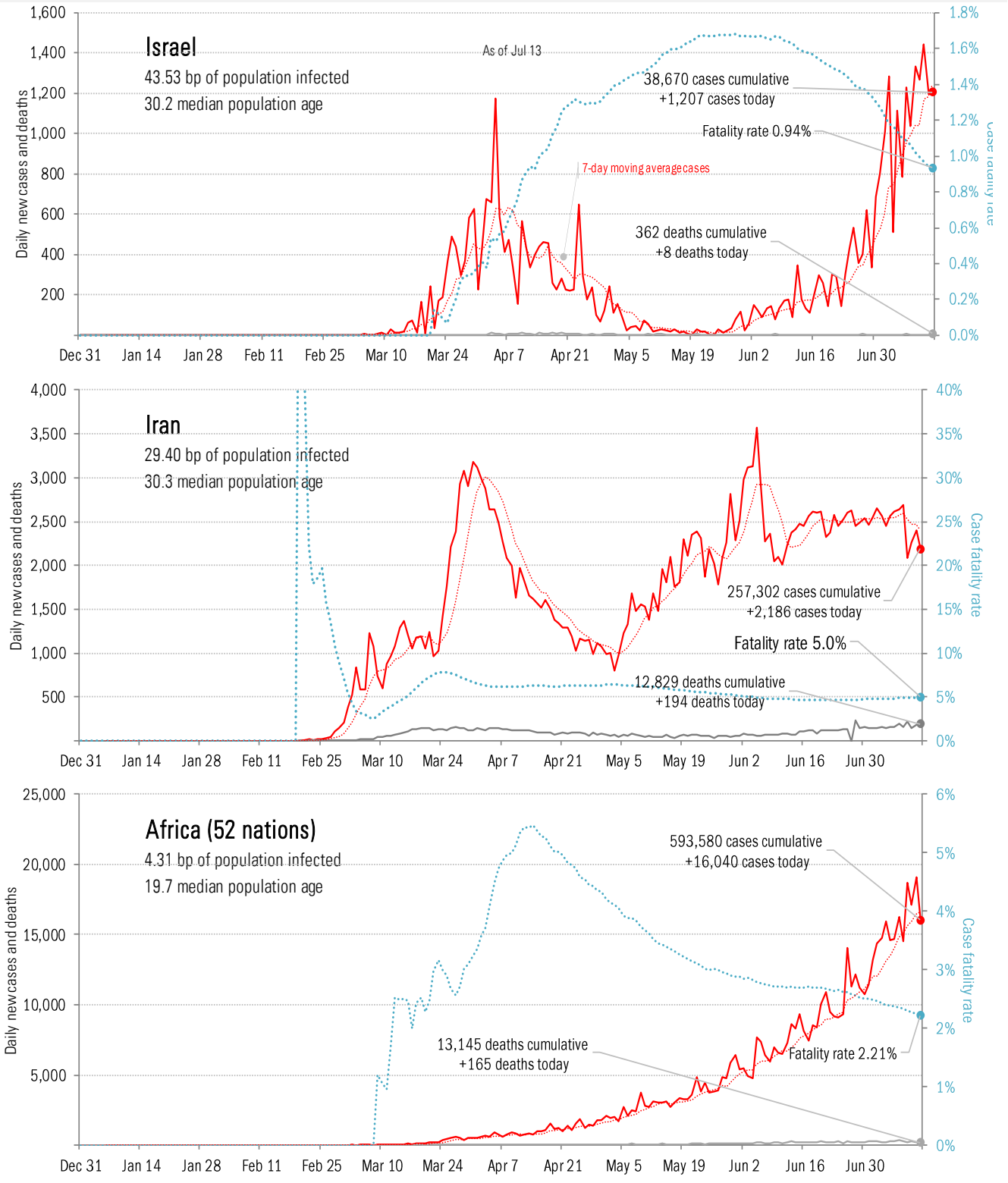
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations