Trend Macrolytics, LLC
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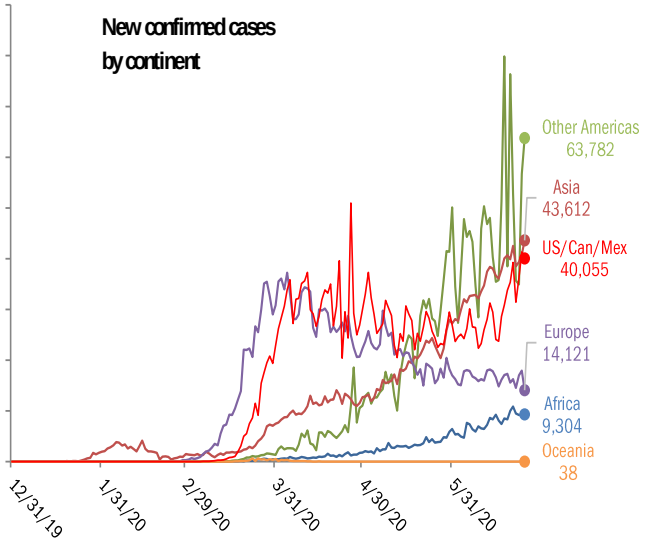
Data Insights: Covid-2019 Monitor

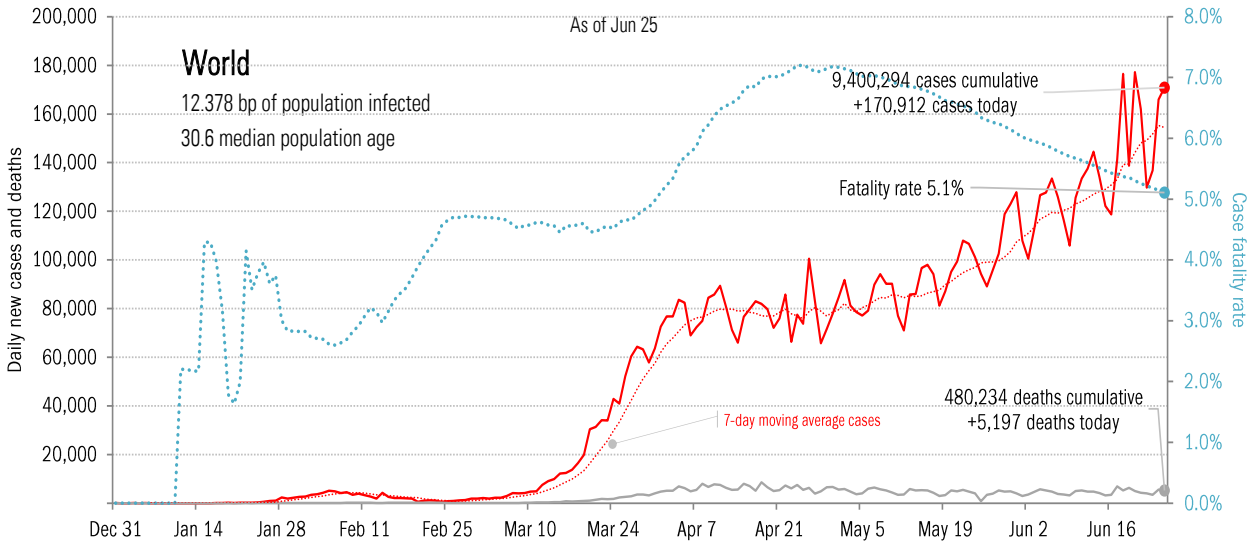
Thursday, June 25, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+42,725	Brazil	+1,185
US	+34,339	Mexico	+965
India	+16,922	US	+751
Russia	+7,176	India	+418
South_Africa	+5,688	Chile	+226
Mexico	+5,437	Peru	+182
Argentina	+4,920	Russia	+154
Pakistan	+4,044	UK	+154
Peru	+3,879	Pakistan	+148
Chile	+3,649	Iran	+133
	+128,779		+4,316
World	+170,912	World	+5,197
Top ten	75%	Top ten	83%





Source: ECDC, TrendMacro calculations

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The US scorecard

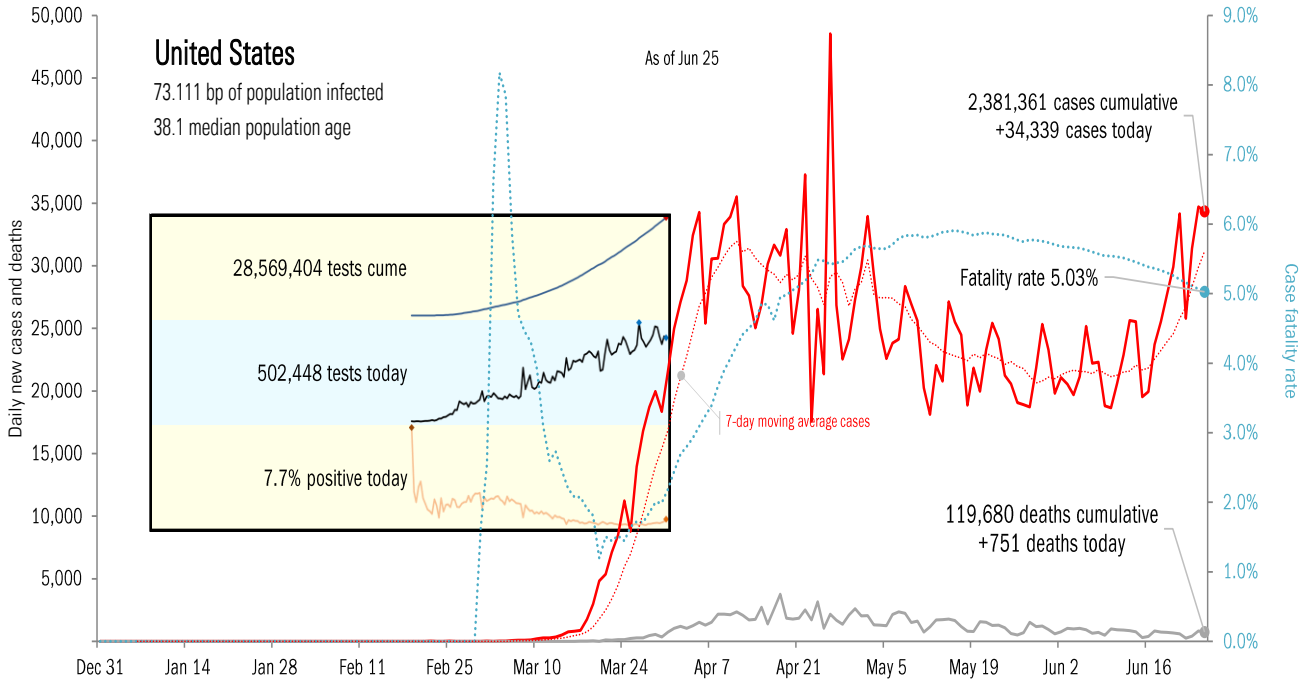
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
CA	+7,149	AZ	+79	FL	+251	NY	389,666	NY	24,782	NY	89,995
TX	+5,551	IL	+63	GA	+190	CA	190,222	NJ	12,995	NJ	19,598
FL	+5,511	PA	+54	NJ	+86	NJ	169,892	MA	7,938	FL	13,865
AZ	+1,795	CA	+52	VA	+79	IL	139,540	IL	6,974	MA	11,219
NC	+1,721	MA	+48	OH	+68	TX	125,921	PA	6,518	MD	10,648
GA	+1,703	NJ	+46	MA	+62	FL	109,014	MI	6,114	GA	10,313
SC	+1,284	FL	+44	AZ	+58	MA	107,611	CA	5,632	CT	10,099
AL	+967	TX	+29	TN	+50	PA	83,191	CT	4,287	VA	8,651
TN	+932	AL	+27	AL	+46	GA	69,381	FL	3,377	OH	7,447
LA	+882	MS	+22	MD	+37	MI	68,555	LA	3,152	IN	6,883
	+27,495		+464		+927		1,452,993		81,769		188,718
All states	+38,672	All states	+722	All states	+1,310	All states	2,369,039	All states	115,531	All states	235,736
Top ten	71%	Top ten	64%	Top ten	71%	Top ten	61%	Top ten	71%	Top ten	80%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
AZ	-1,798	GA	-30	SC	-83	#N/A	+0
LA	-474	FL	-23	NJ	-25	#N/A	+0
NJ	-161	CA	-13	OH	-19	#N/A	+0
CT	-103	NC	-13	WA	-8	#N/A	+0
ID	-100	NY	-11	KY	-6	#N/A	+0



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

Recommended reading

[China conducting covert biological weapons research, State Department says]
Bill Gertz
Washington Times
June 23, 2020

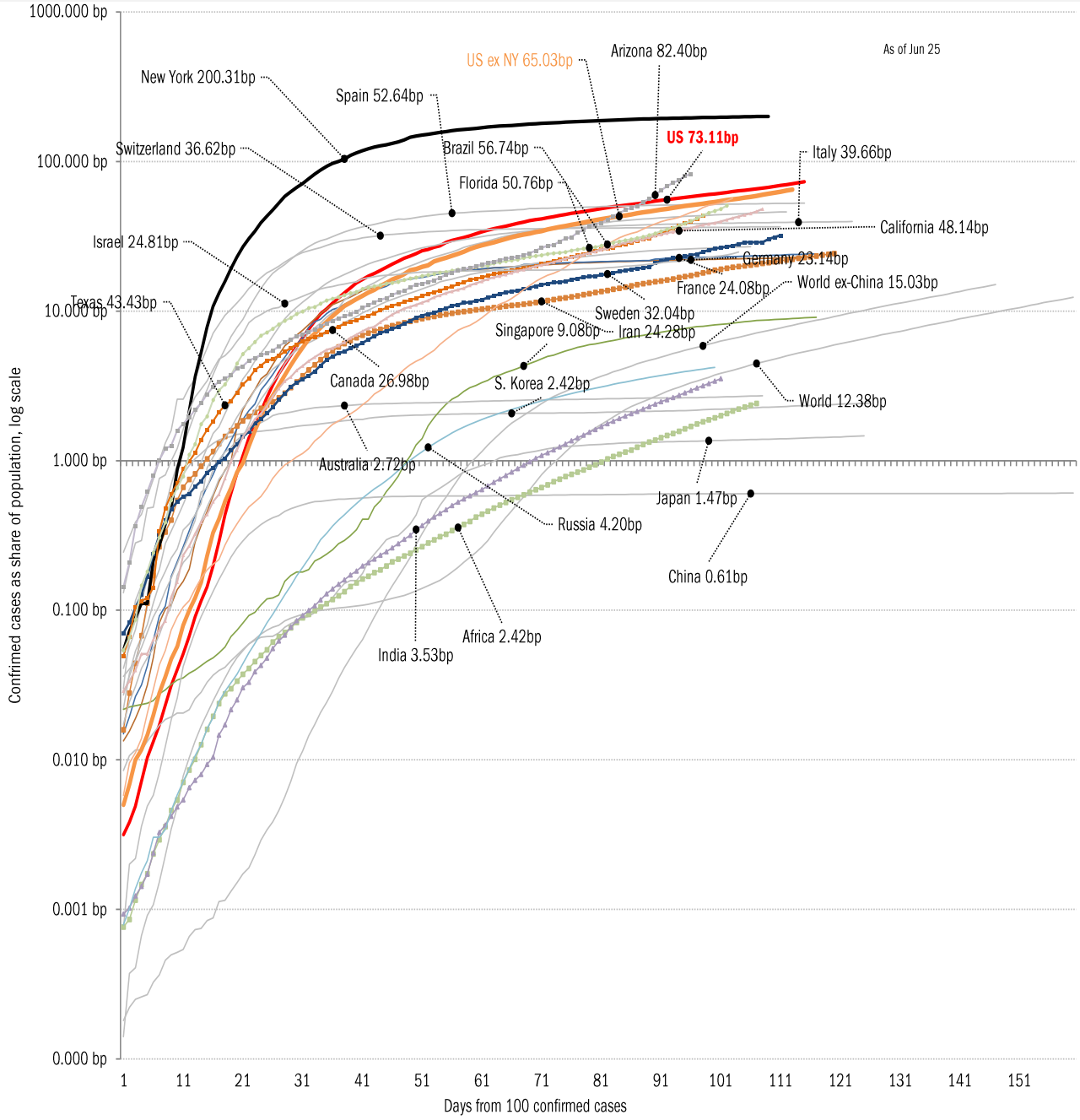
[Austin woman trying to sort out $6,400 in charges for one COVID-19 test]
Erin Cargile
KXAN
June 19, 2020

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

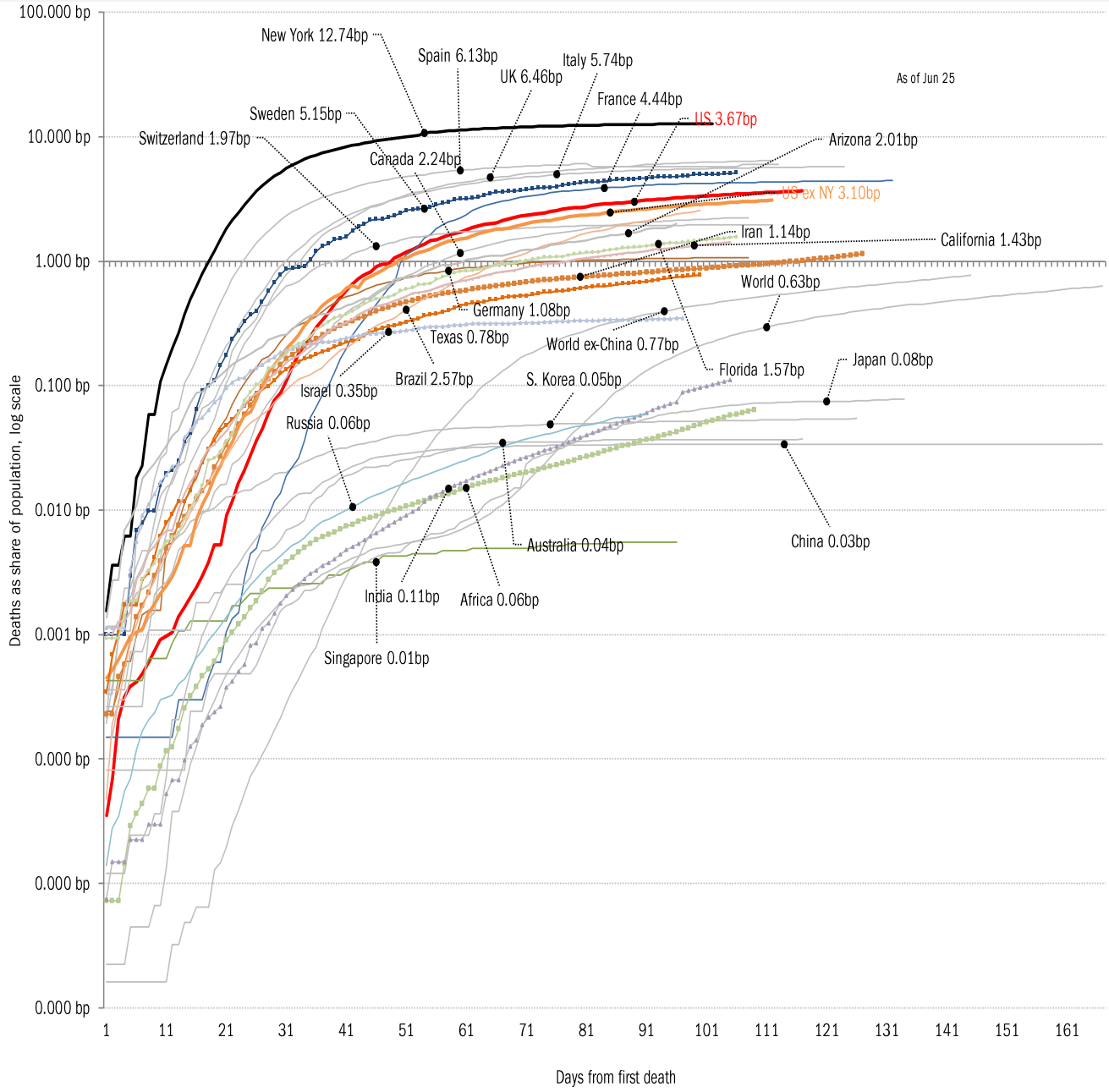
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

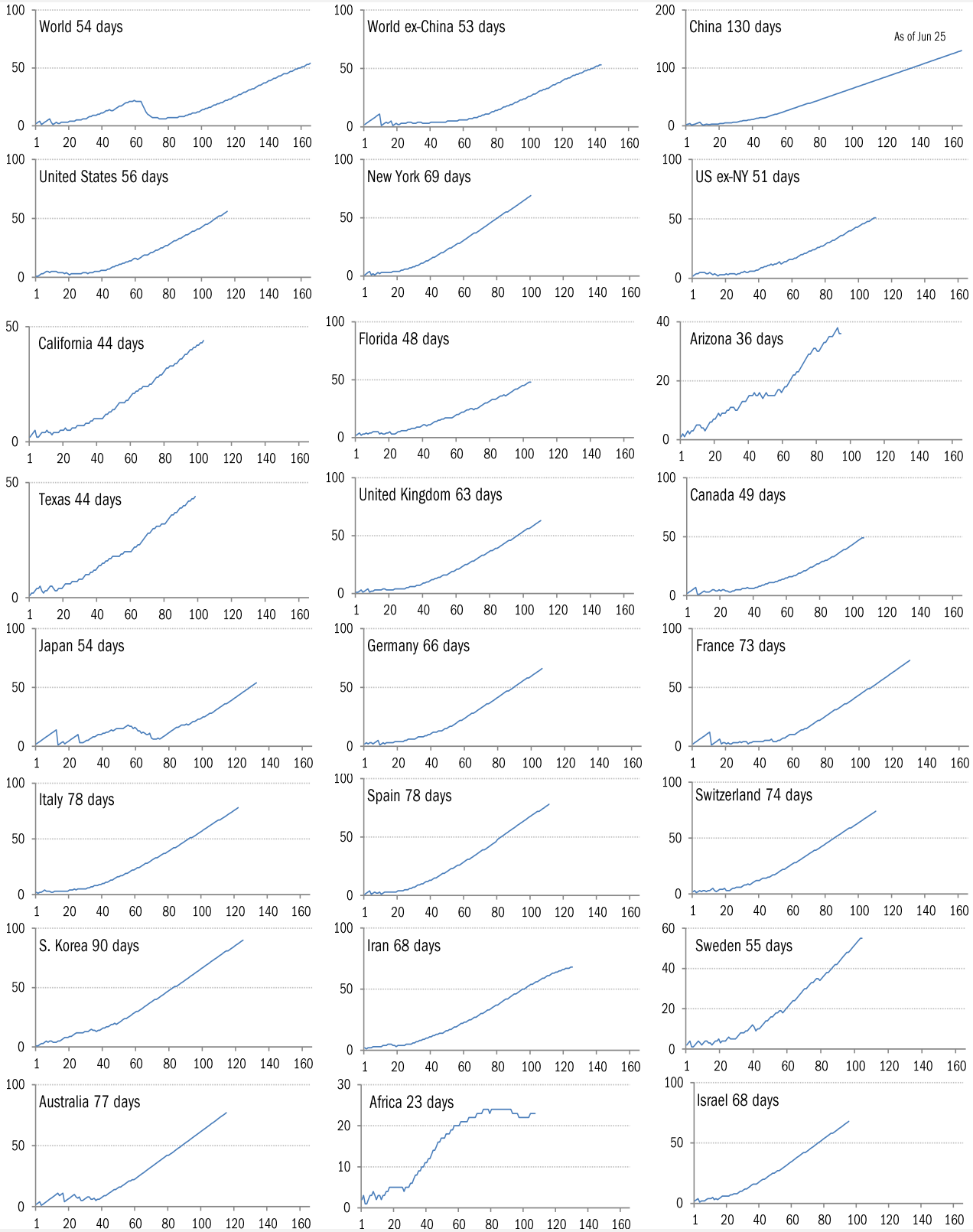
Share of deceased population from day of first fatality



Source: ECDC, TrendMacro calculations

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

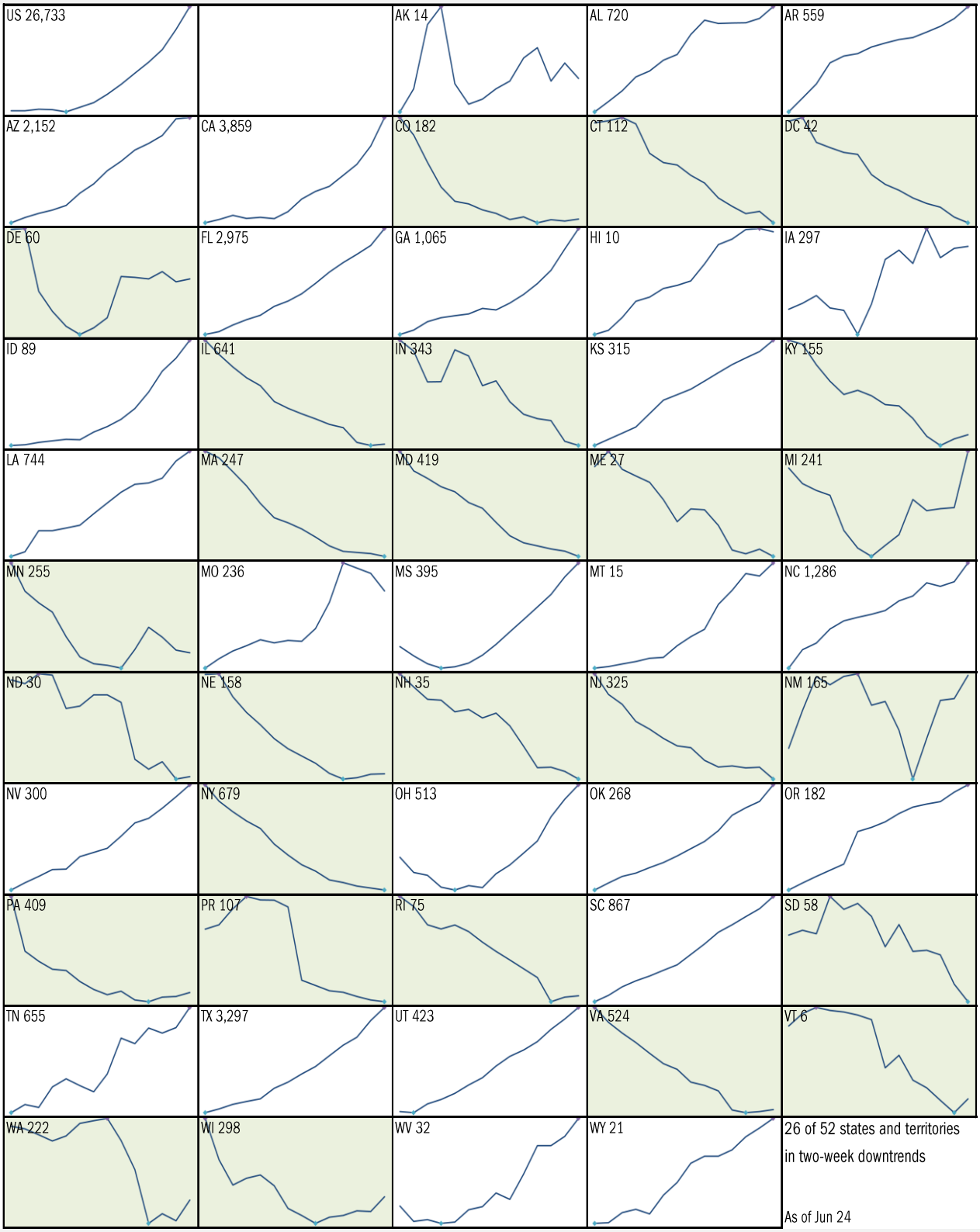
Vertical: number of days it takes to double deaths Horizontal: days from first death



Source: ECDC, TrendMacro calculations

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

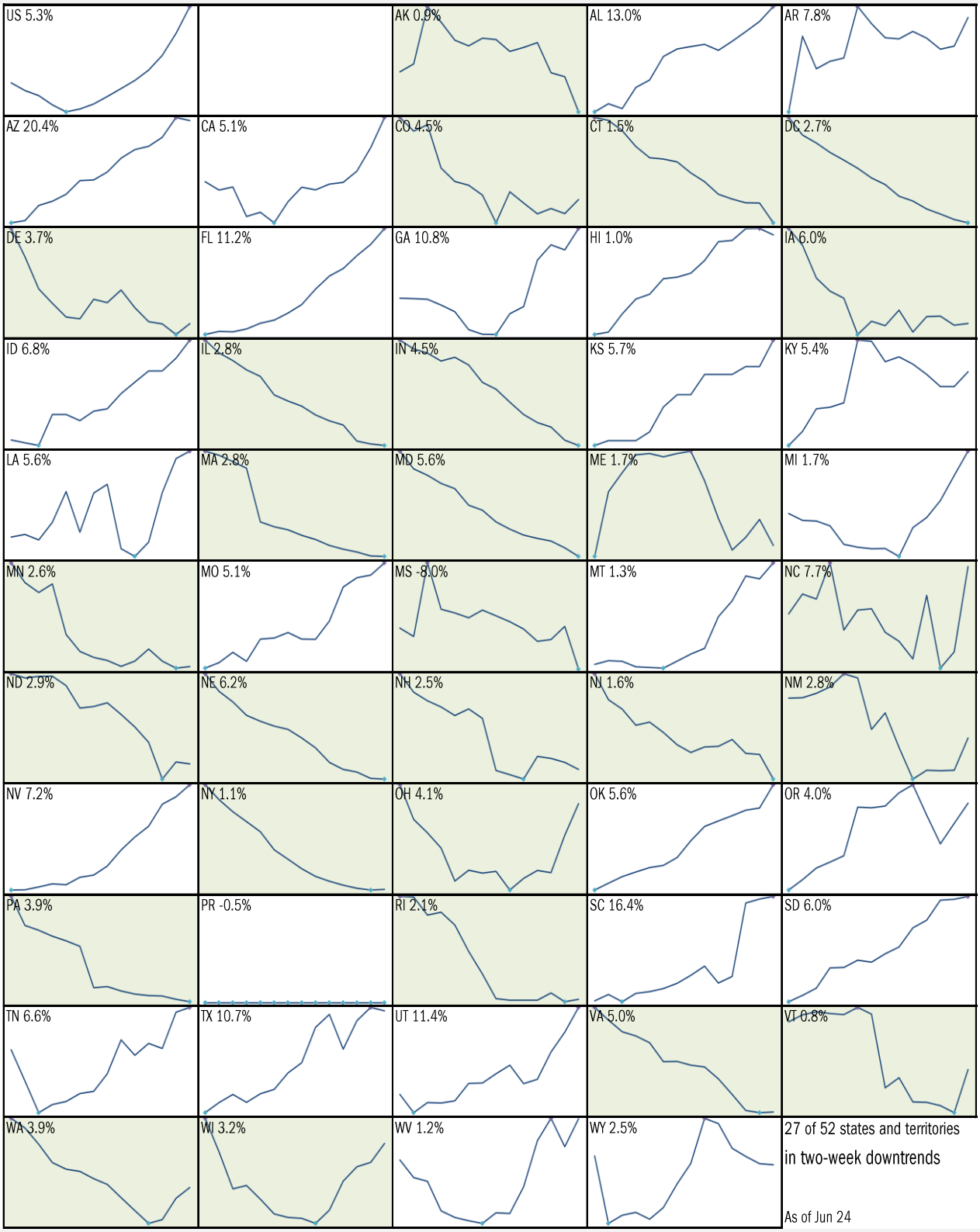
14-day moving average, last 14 days Most recent value displayed • High • Low



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

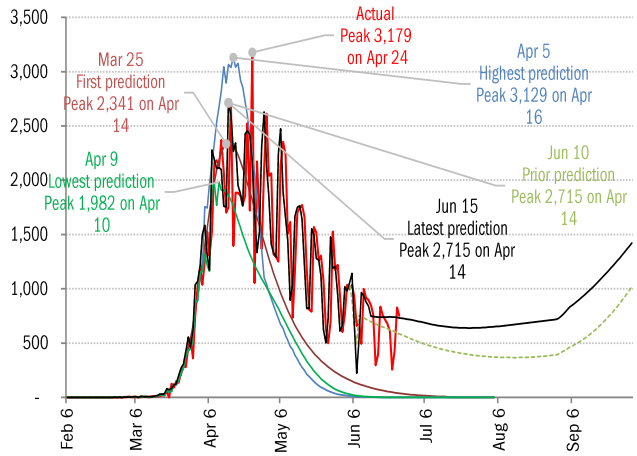


Source: Covid Tracking Project, TrendMacro calculations

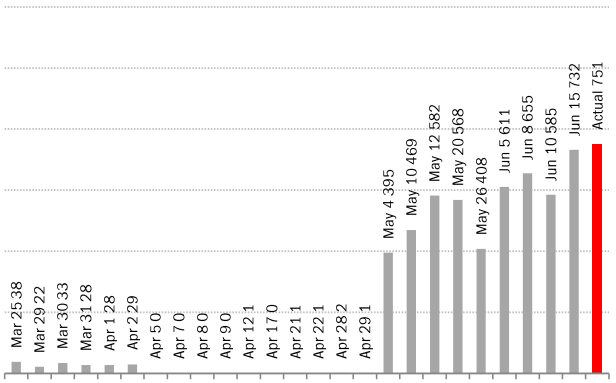
Reality-checking the models: actuals versus IHME predictions

New daily fatalities As of Jun 25

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

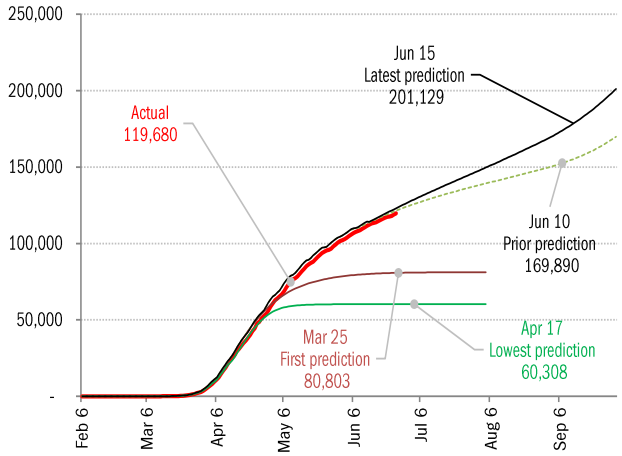


For this day, versus all model mean predictions

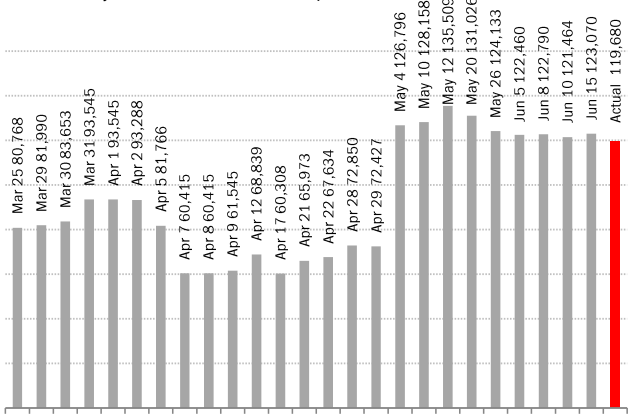


Cumulative fatalities

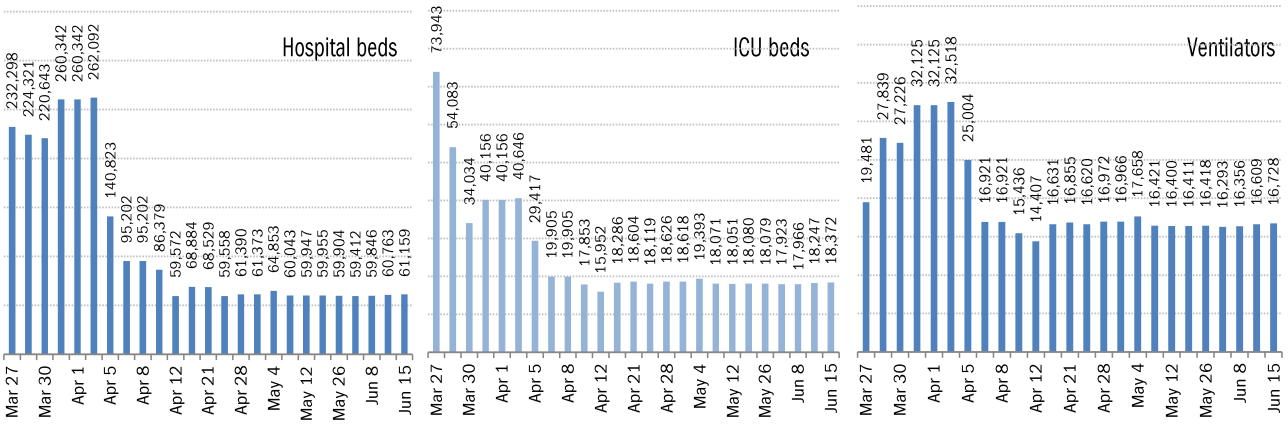
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

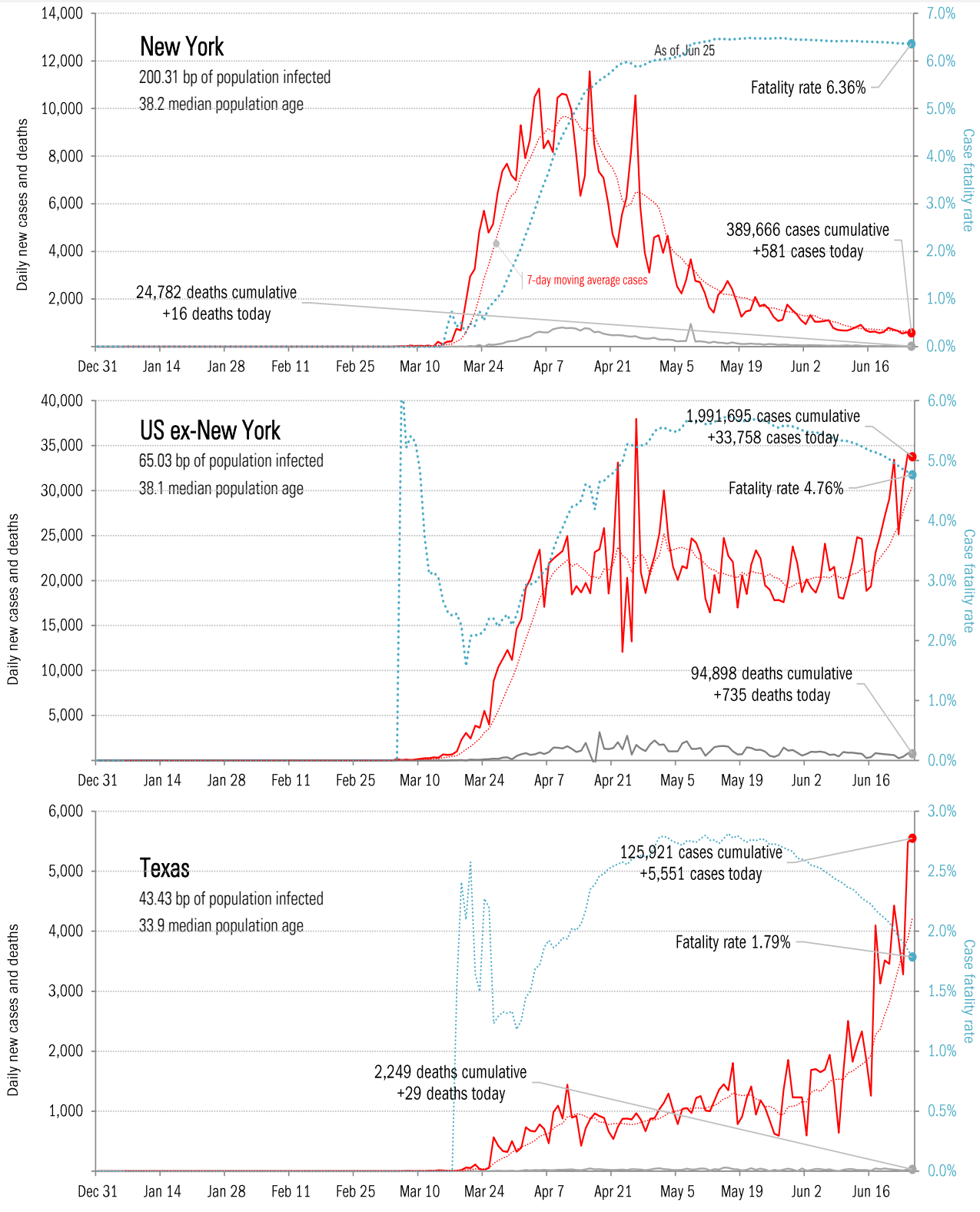


Healthcare system stress, peak estimated at each model revision



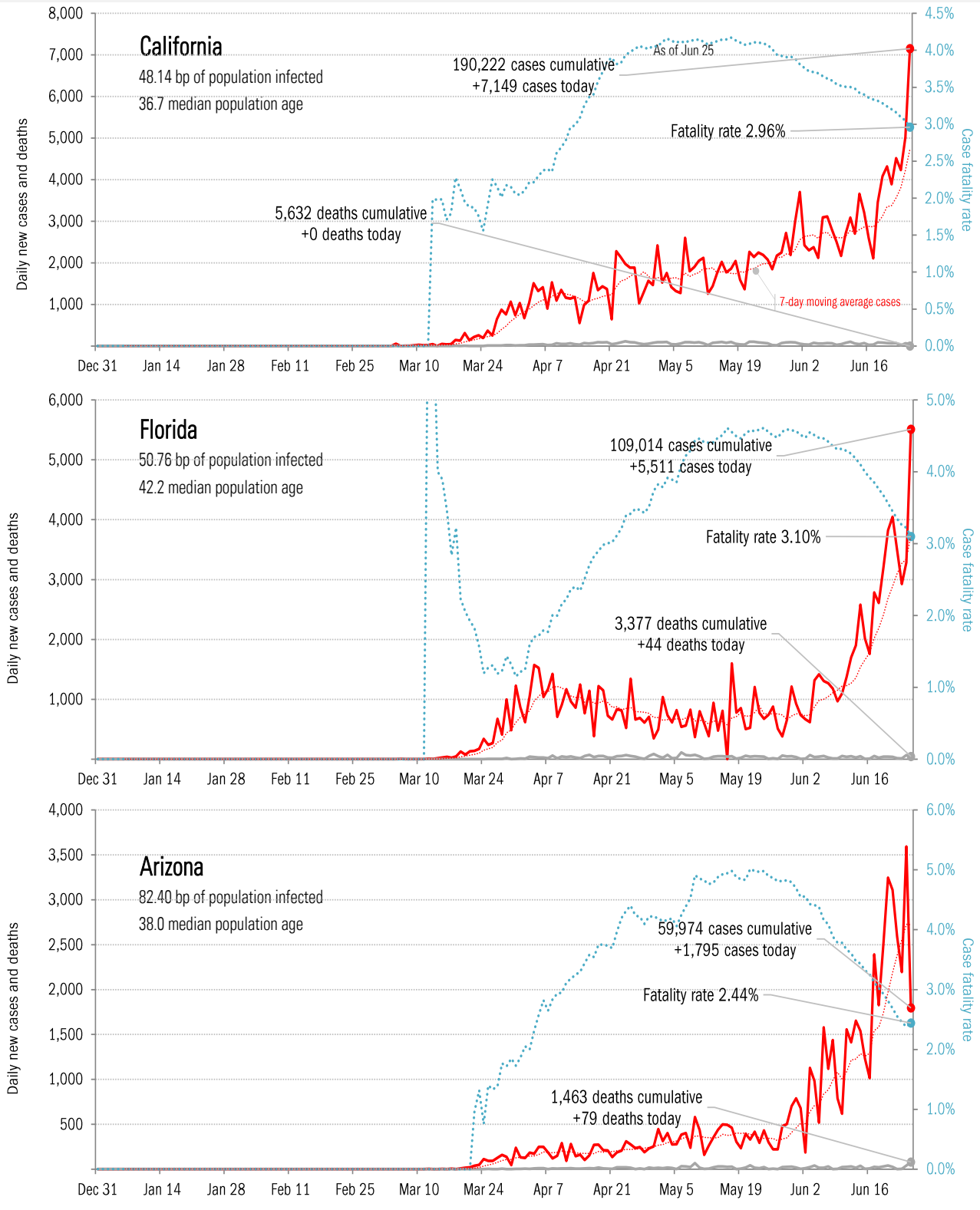
Source: ECDC, IHME, TrendMacro calculations

From Ground Zero to the Rio Grande



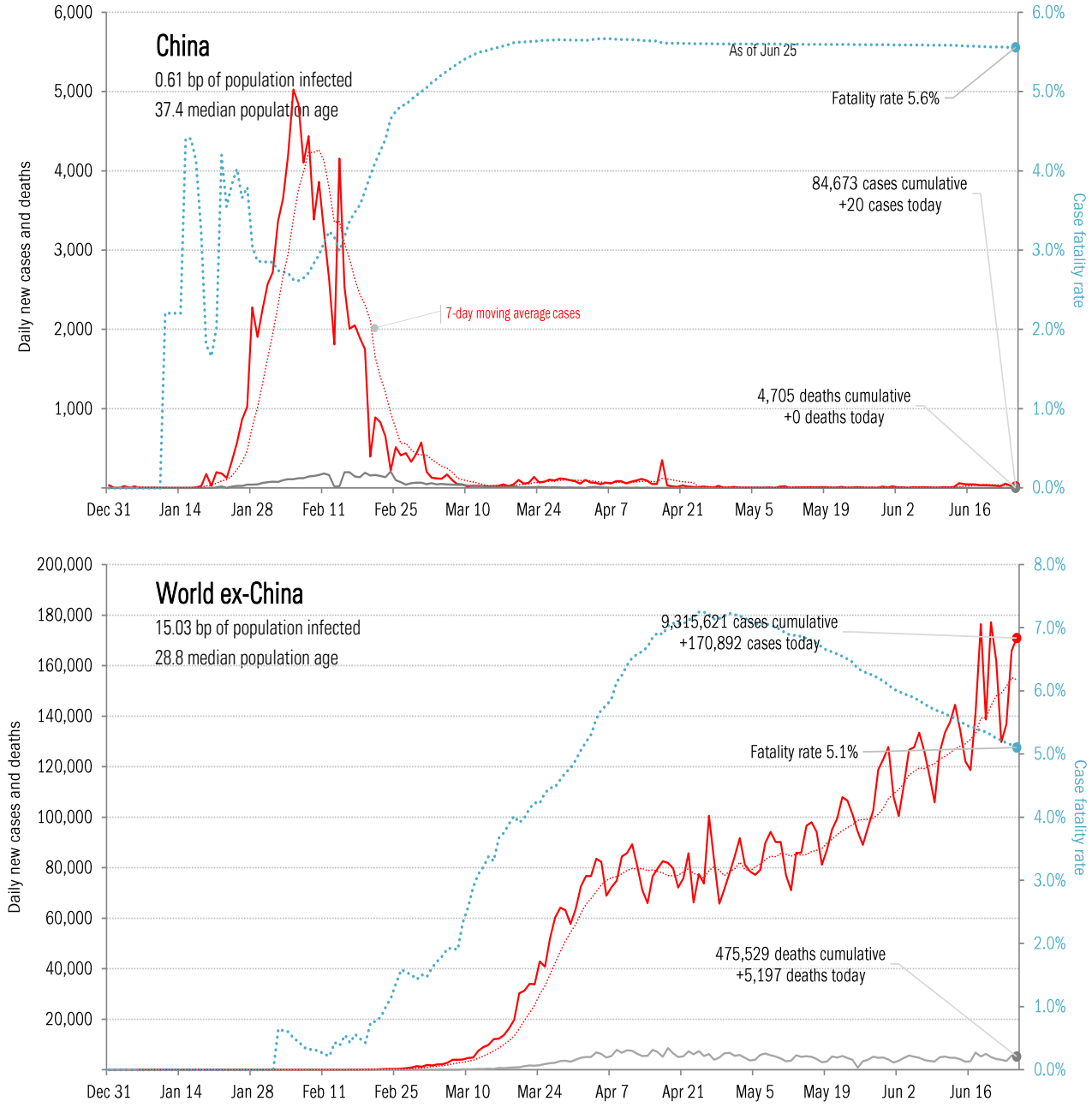
Source: ECDC, TrendMacro calculations

The “second wave” states (other than Texas)



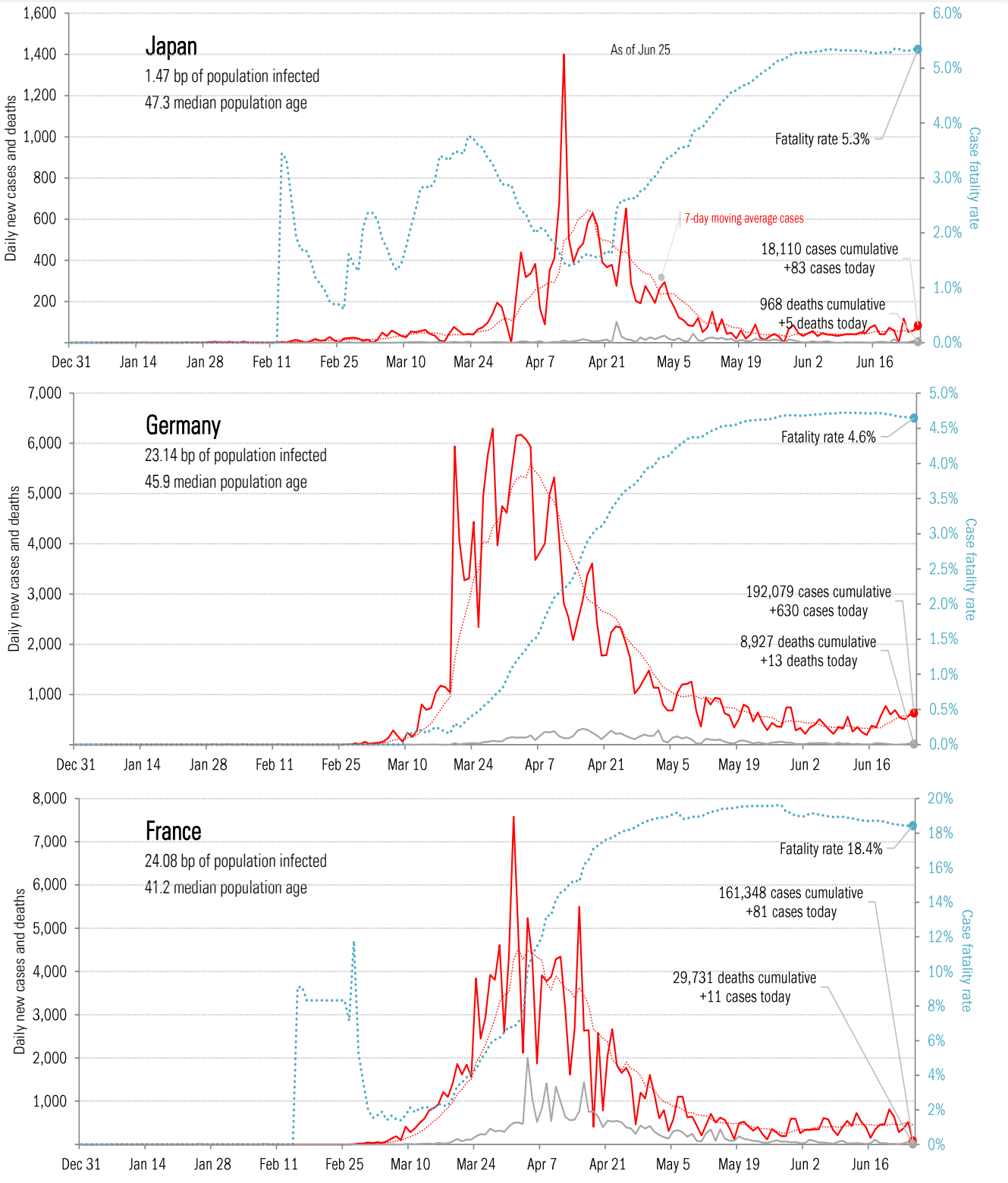
Source: ECDC, TrendMacro calculations

Patient zero… and then everyone else



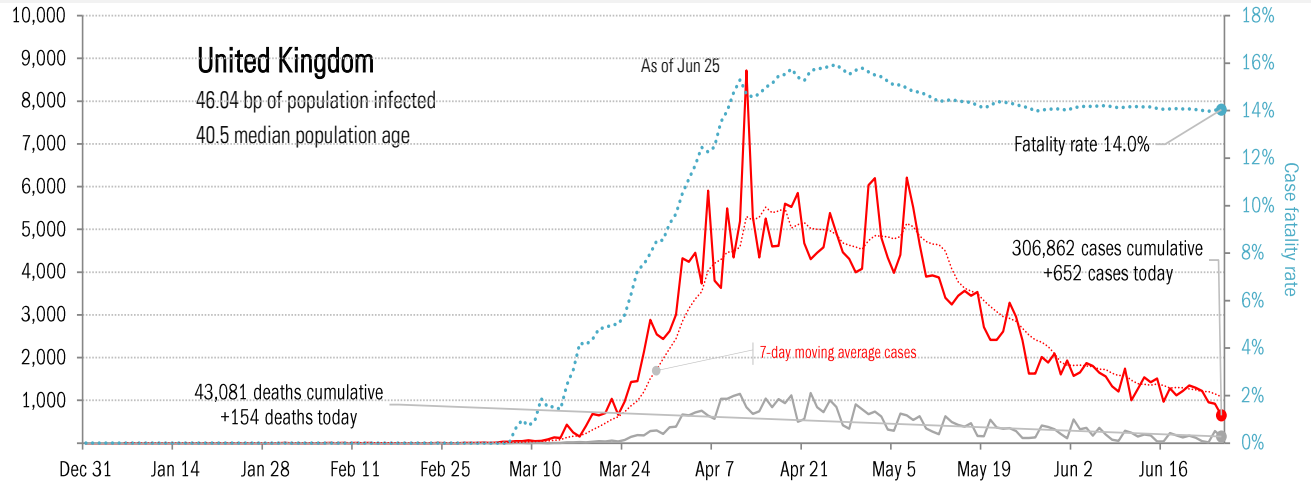
Source: ECDC, TrendMacro calculations

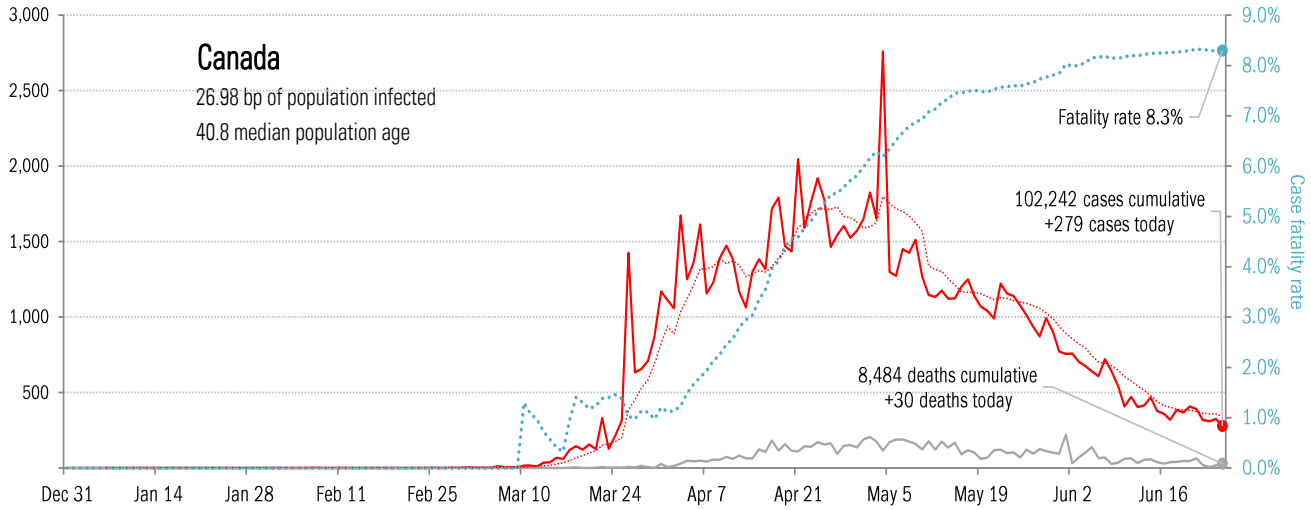
Impact in the largest economies

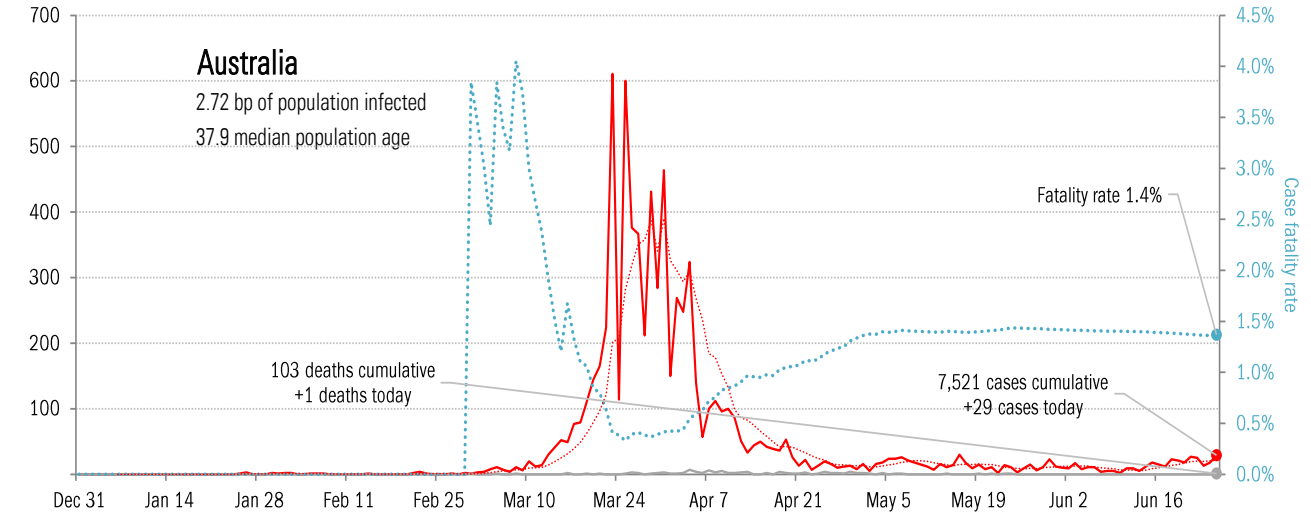


Source: ECDC, TrendMacro calculations

Impact in The Anglosphere

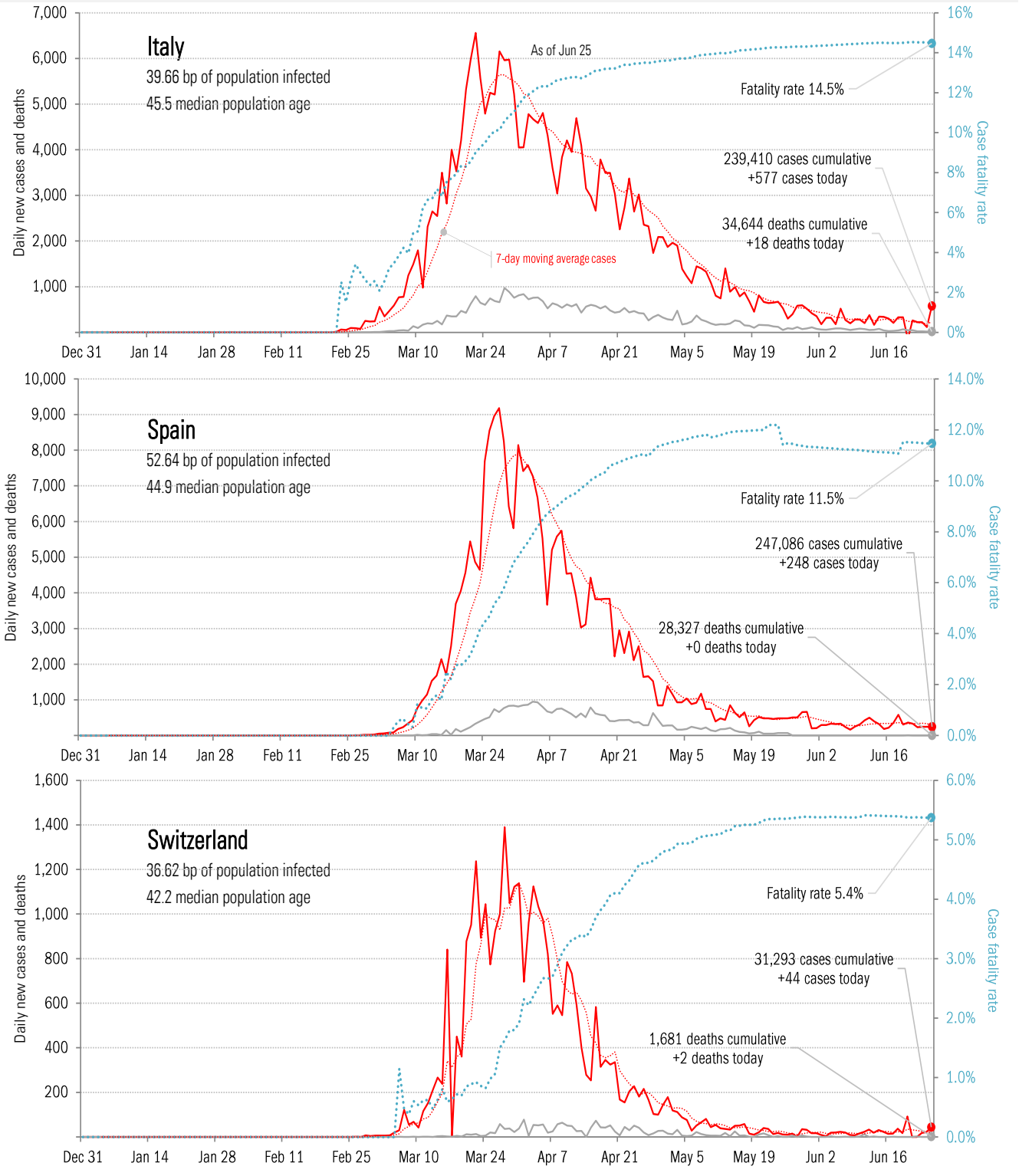






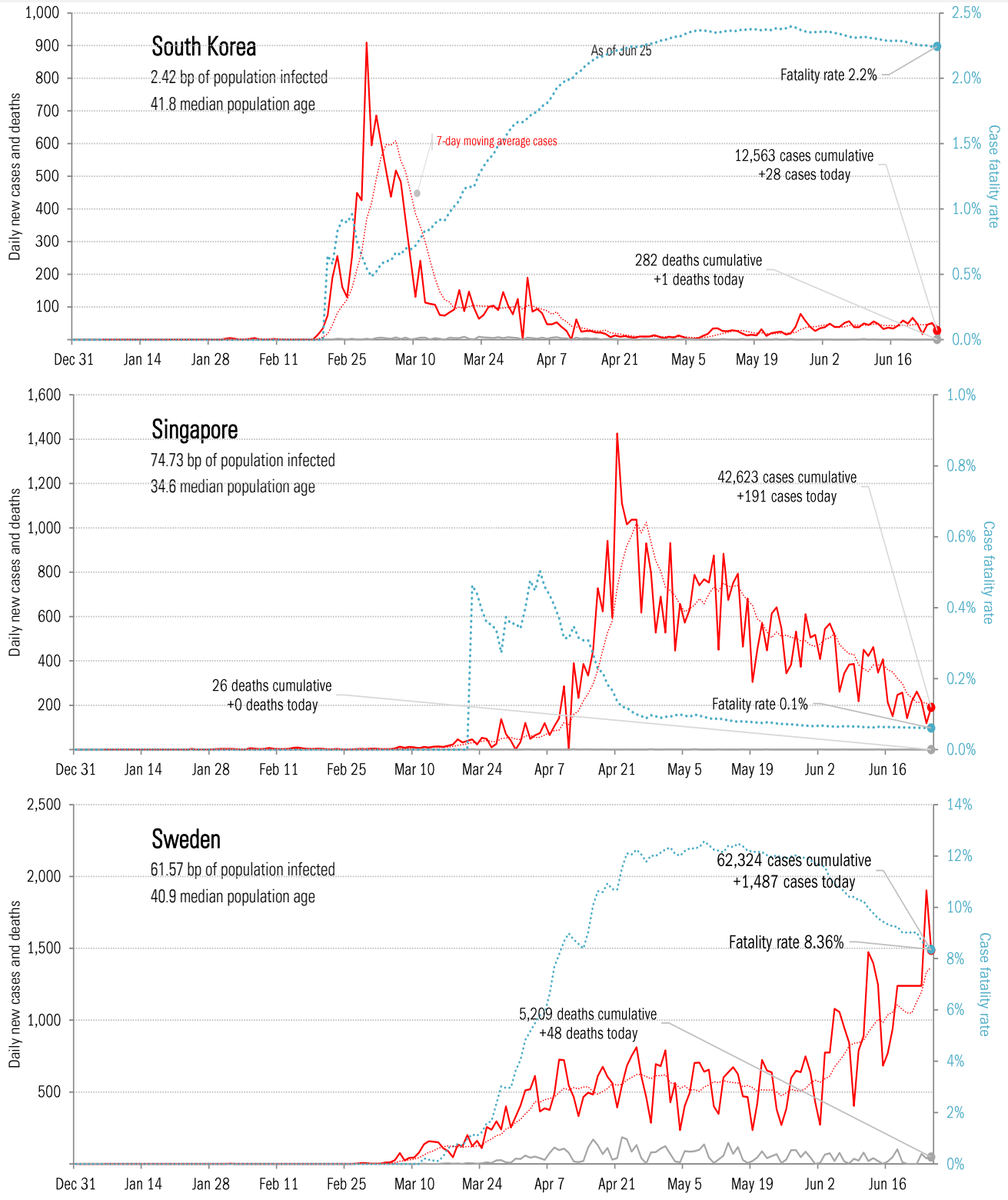
Source: ECDC, TrendMacro calculations

Impact in continental Europe



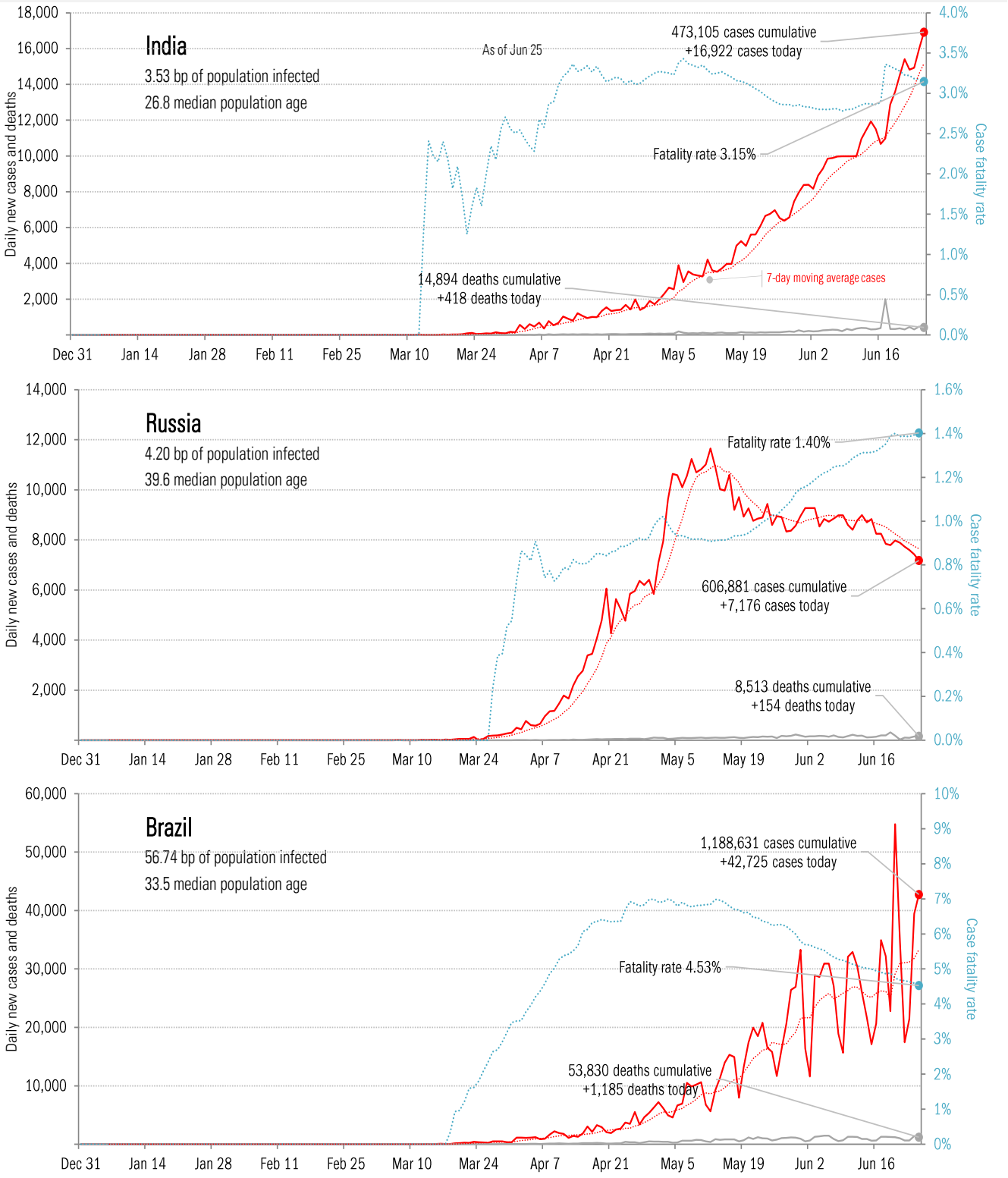
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



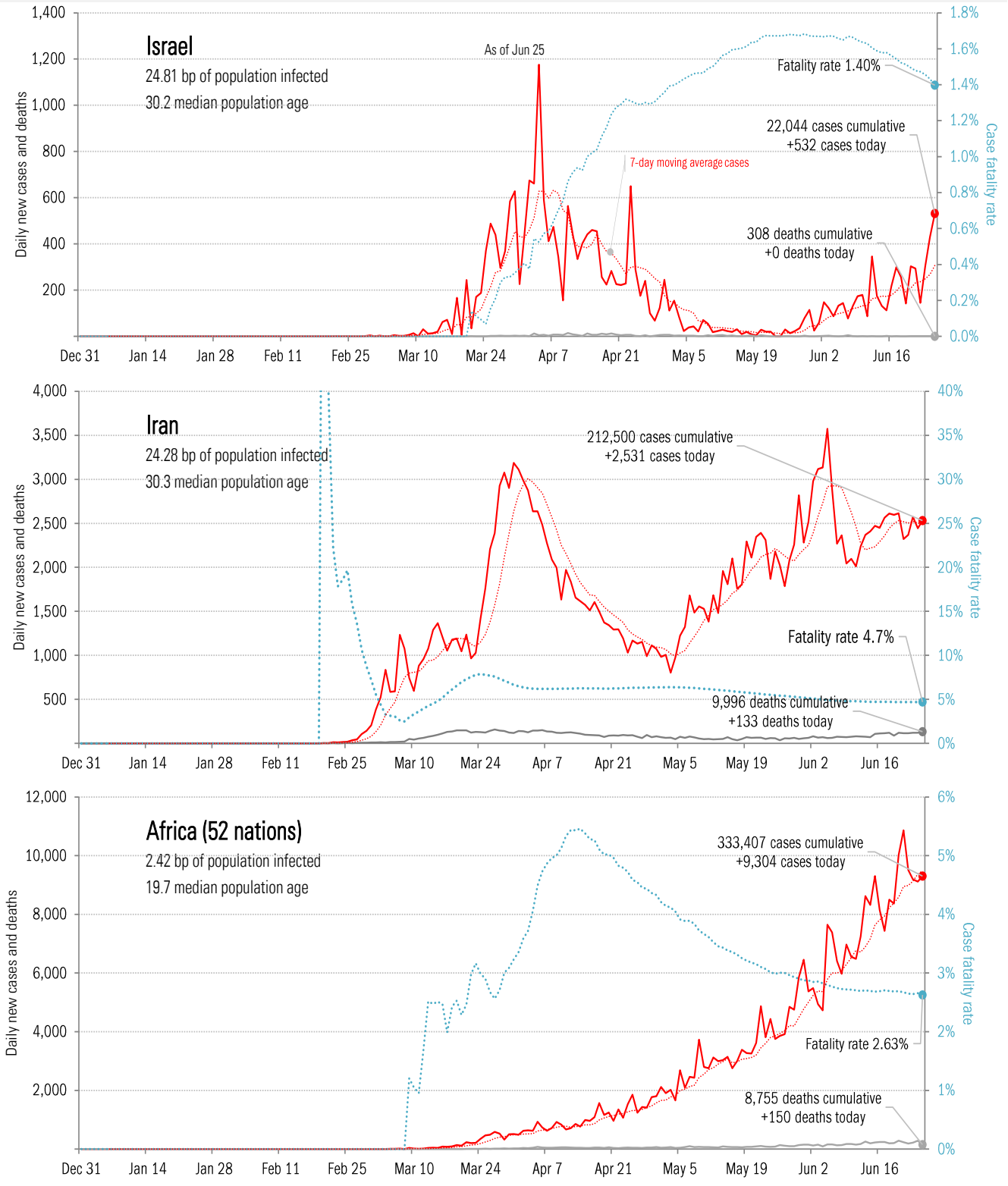
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations