

Data Insights: Covid-2019 Monitor

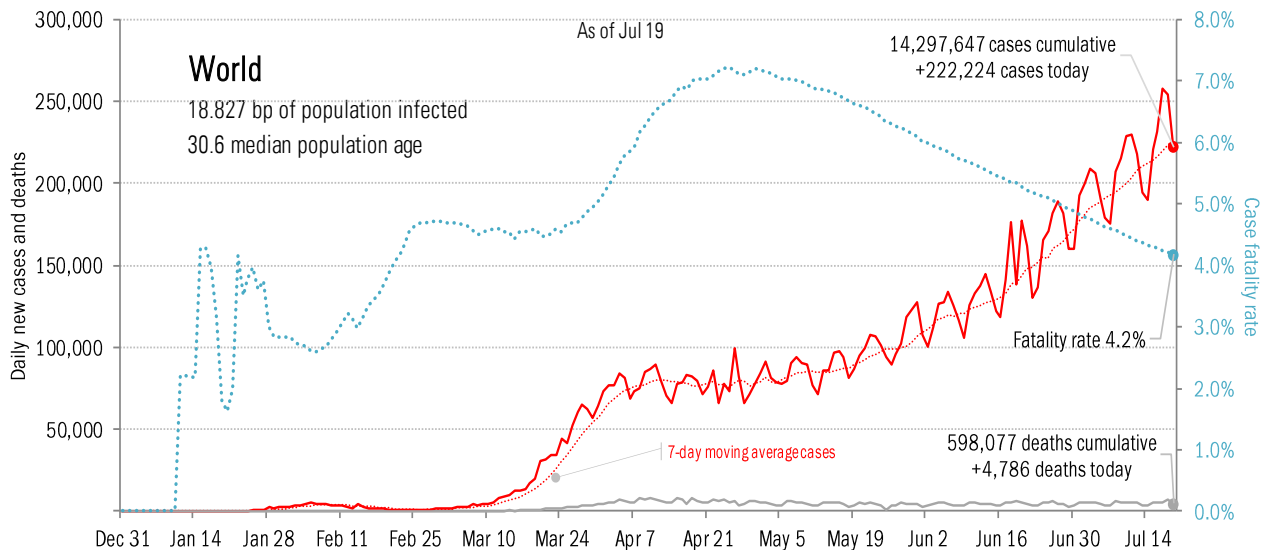
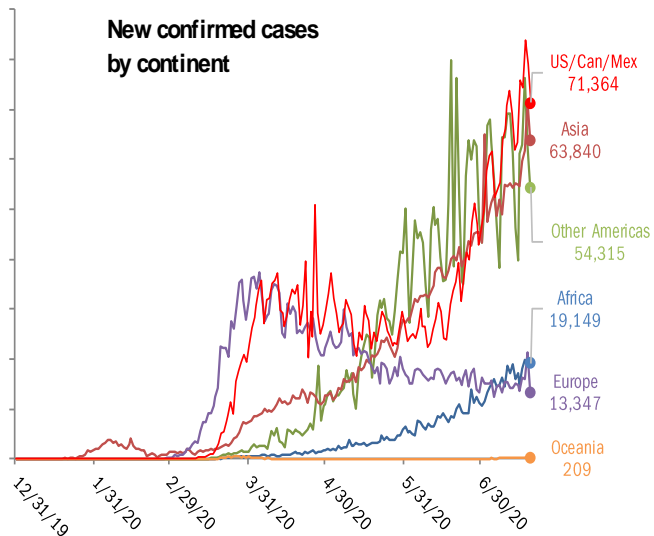
Sunday, July 19, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+63,749	Brazil	+921
India	+38,902	US	+853
Brazil	+28,532	Mexico	+578
South_Africa	+13,285	India	+543
Colombia	+8,560	Colombia	+228
Mexico	+7,615	Peru	+199
Russia	+6,109	Iran	+188
Guatemala	+4,233	South_Africa	+144
Peru	+3,963	Philippines	+113
Bangladesh	+2,709	Russia	+95
+177,657		+3,862	
World	+222,224	World	+4,786
Top ten	80%	Top ten	81%

New confirmed cases by continent



Source: [ECDC](https://ecdc.europa.eu/en), TrendMacro calculations

For more information contact us:

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

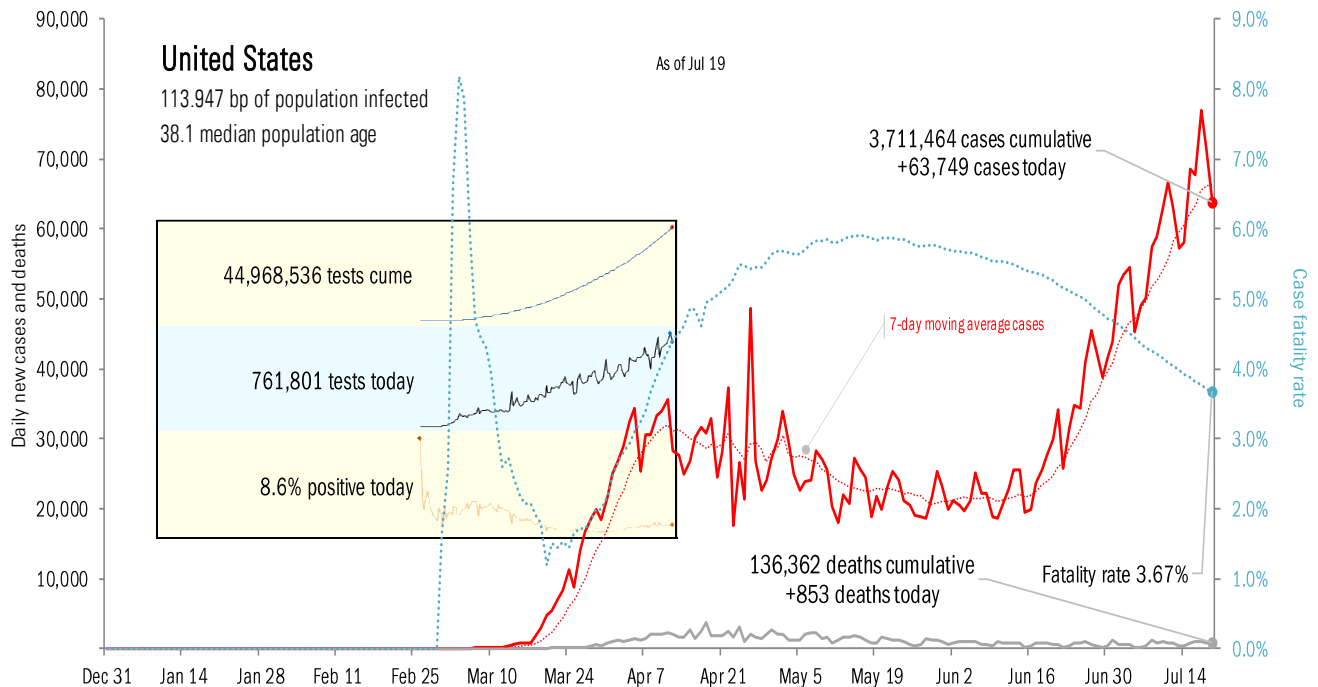
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
FL	+10,328	AZ	+147	FL	+443	NY	406,305	NY	25,035	NY	89,995
TX	+10,158	TX	+130	GA	+314	CA	375,363	NJ	15,699	NJ	21,064
CA	+9,199	CA	+120	AL	+198	FL	337,569	MA	8,419	FL	20,969
GA	+4,689	FL	+90	AZ	+165	TX	317,730	CA	7,595	GA	14,961
AZ	+2,742	SC	+39	VA	+88	NJ	176,814	IL	7,483	MD	11,788
TN	+2,517	GA	+36	TN	+87	IL	161,785	PA	7,007	MA	11,709
NC	+2,481	NC	+23	OK	+86	AZ	141,265	MI	6,364	VA	11,142
AL	+2,143	TN	+23	OH	+68	GA	139,872	FL	5,002	CT	10,654
SC	+1,552	AL	+21	AR	+65	MA	113,238	CT	4,396	CH	9,513
CH	+1,542	CH	+20	NJ	+61	PA	100,241	TX	3,865	IN	7,861
+47,351		+649		+1,575		2,270,182		90,865		209,656	
All states	+65,180	All states	+872	All states	+2,003	All states	3,692,061	All states	132,395	All states	276,439
Top ten	73%	Top ten	74%	Top ten	79%	Top ten	61%	Top ten	69%	Top ten	76%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-4,758	TX	-44	SC	-438	TX	+7,390
LA	-2,179	FL	-40	VA	-188	MI	+1,295
AZ	-1,168	LA	-24	NJ	-168	CH	+978
FL	-1,138	AL	-14	WA	-75	TN	+972
KS	-1,032	CO	-14	KS	-60	WI	+746



Source: States and test data [Covid Tracking Project](#), US data [ECDC](#), TrendMacro calculations

Recommended reading

[Treacherous Times for Dr. Fauci in the Sacred Cow](#)

[Business](#)

Mark Leibovich
New York Times
Jul 18, 2020

[China's Deepening Geopolitical Hole](#)

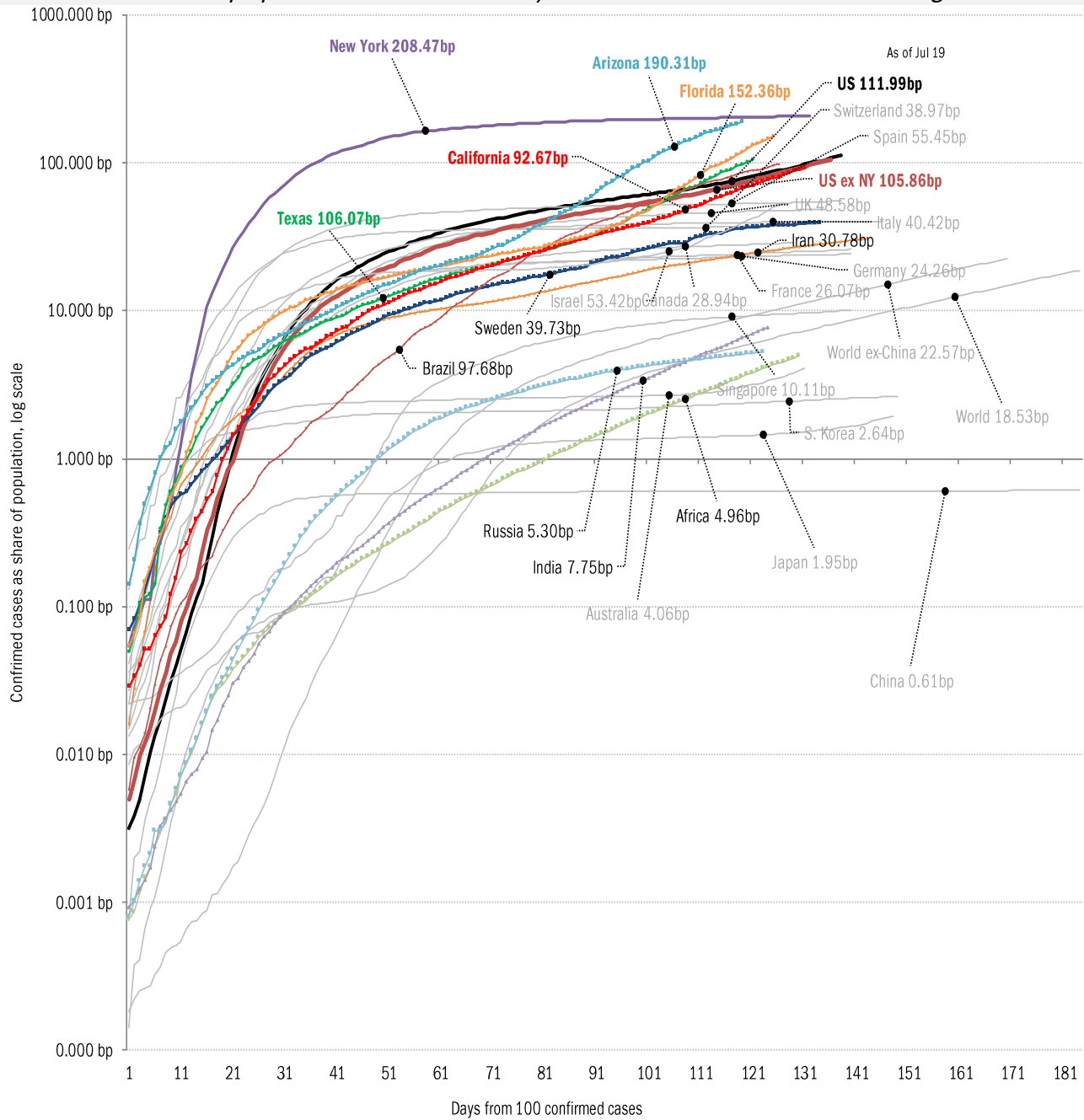
Minxin Pei
Project Syndicate
July 16, 2020

Meme of the day



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

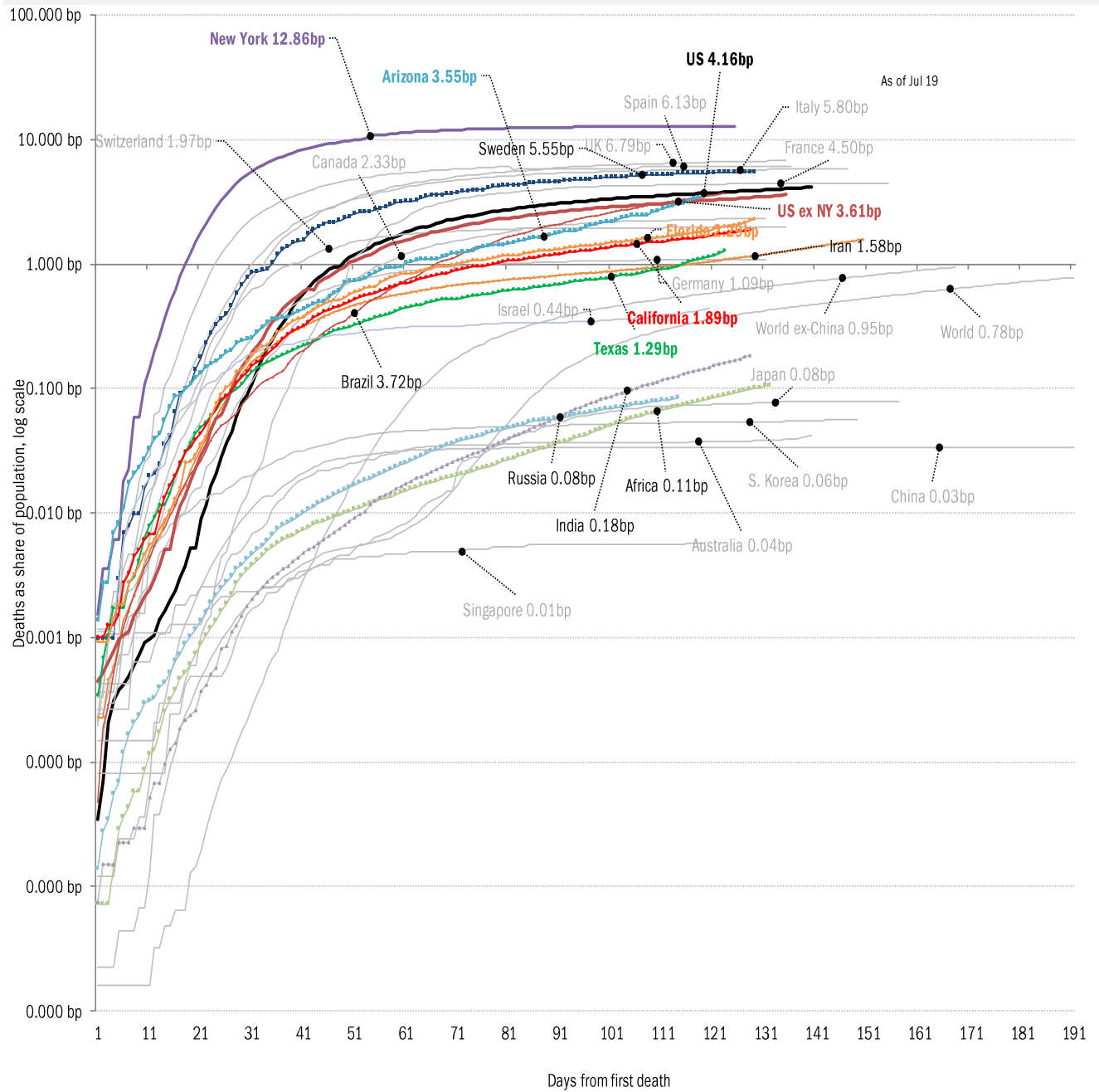
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

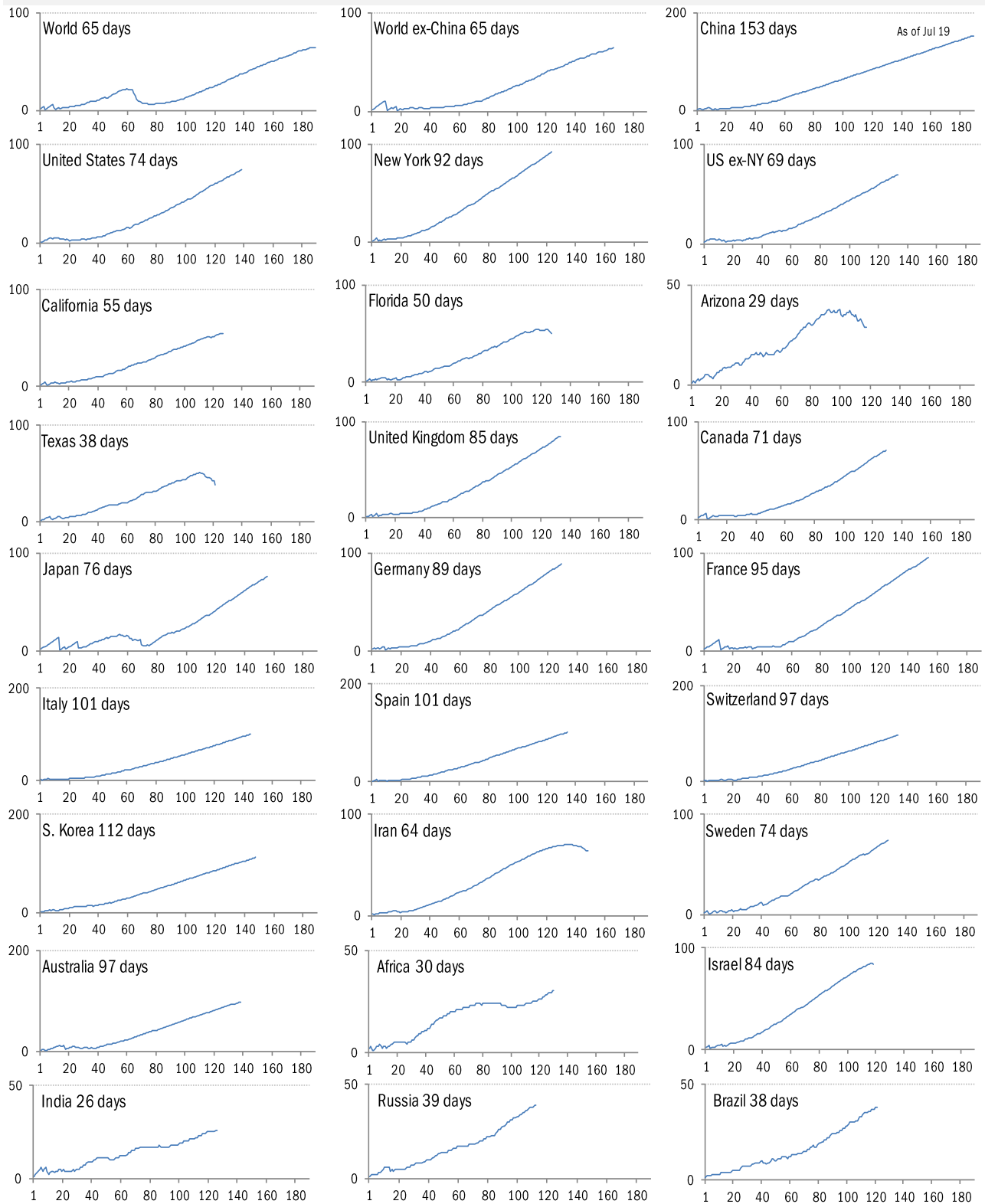
Share of deceased population from day of first fatality



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

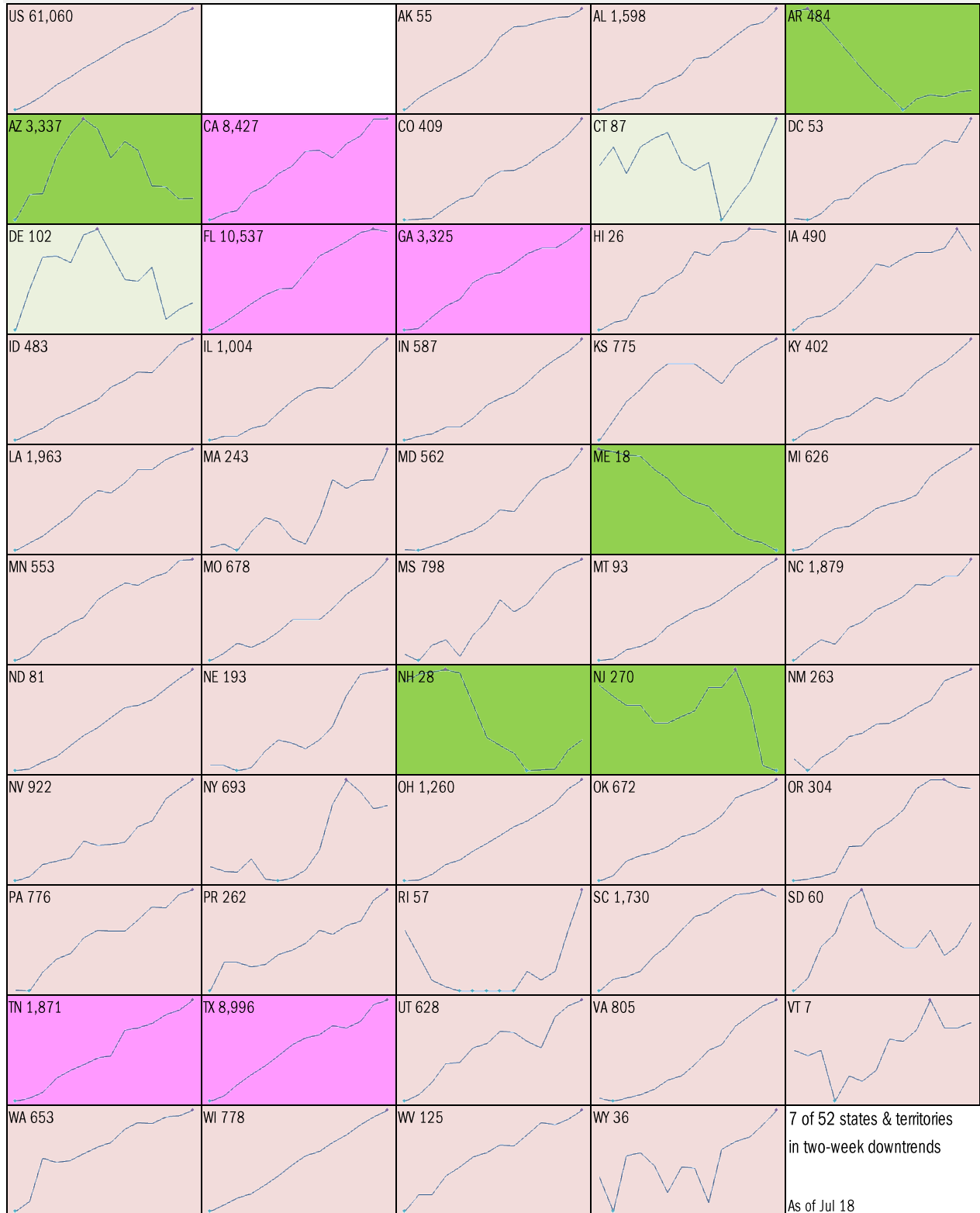


Source: [ECDC](#), TrendMacro calculations

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



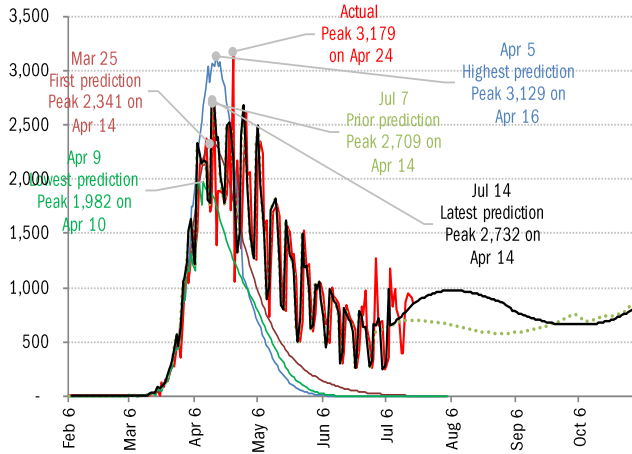
Source: [Covid Tracking Project](#), TrendMacro calculations

Reality-checking the models: actuals versus [IHME](#) predictions

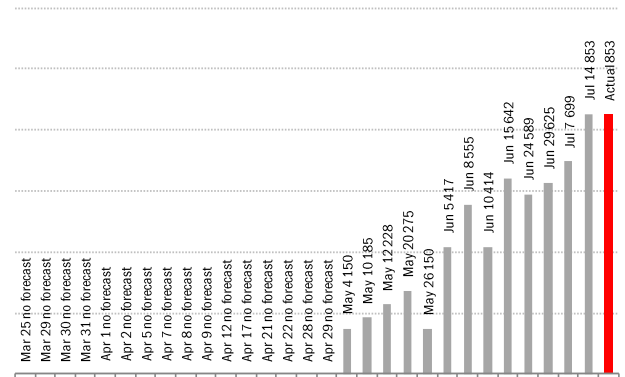
New daily fatalities

As of Jul 19

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

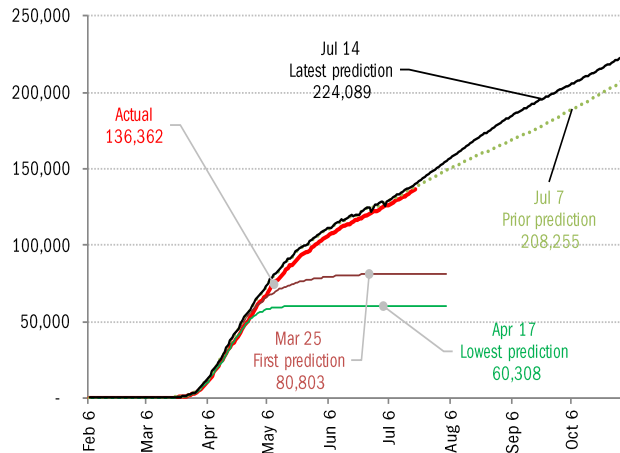


For this day, versus all model mean predictions

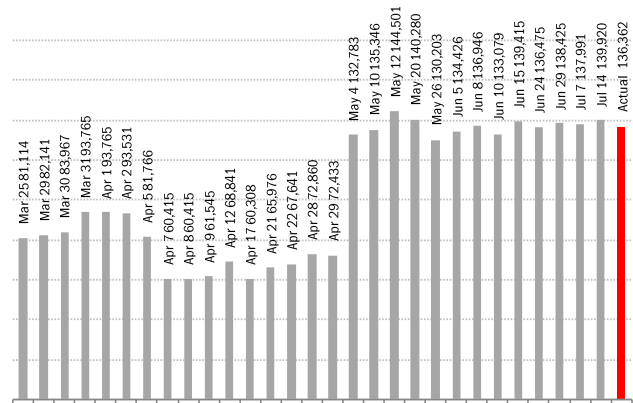


Cumulative fatalities

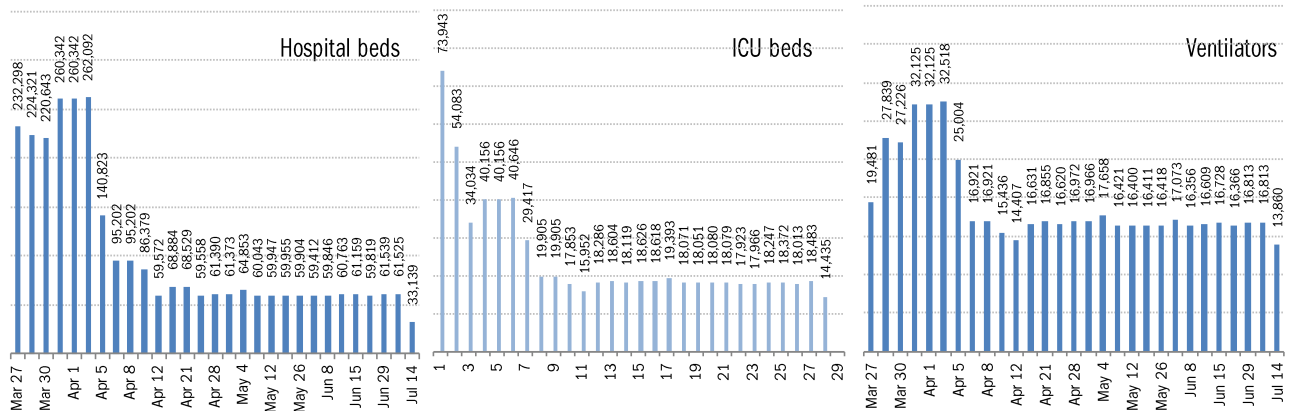
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

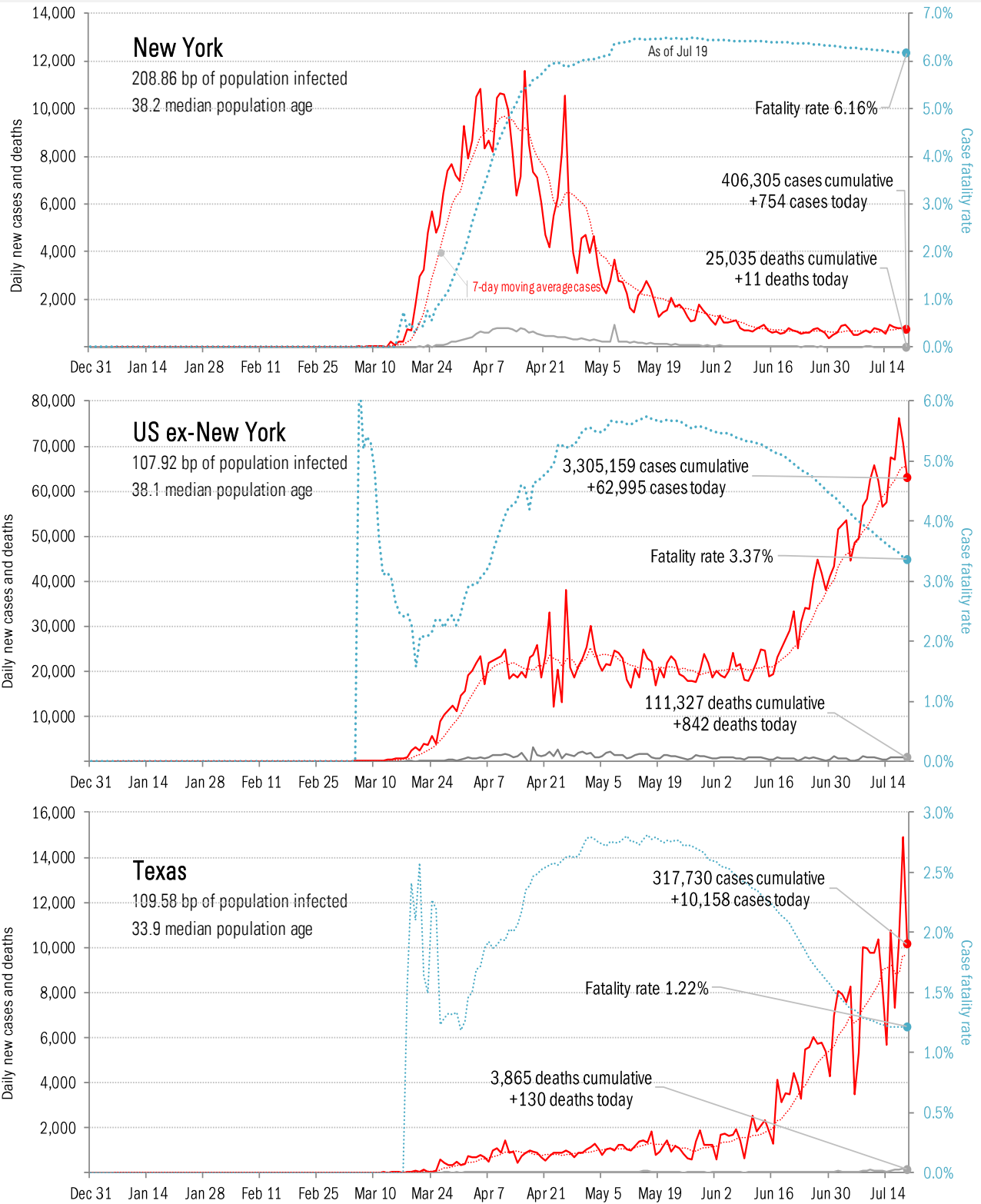


Healthcare system stress, peak estimated at each model revision



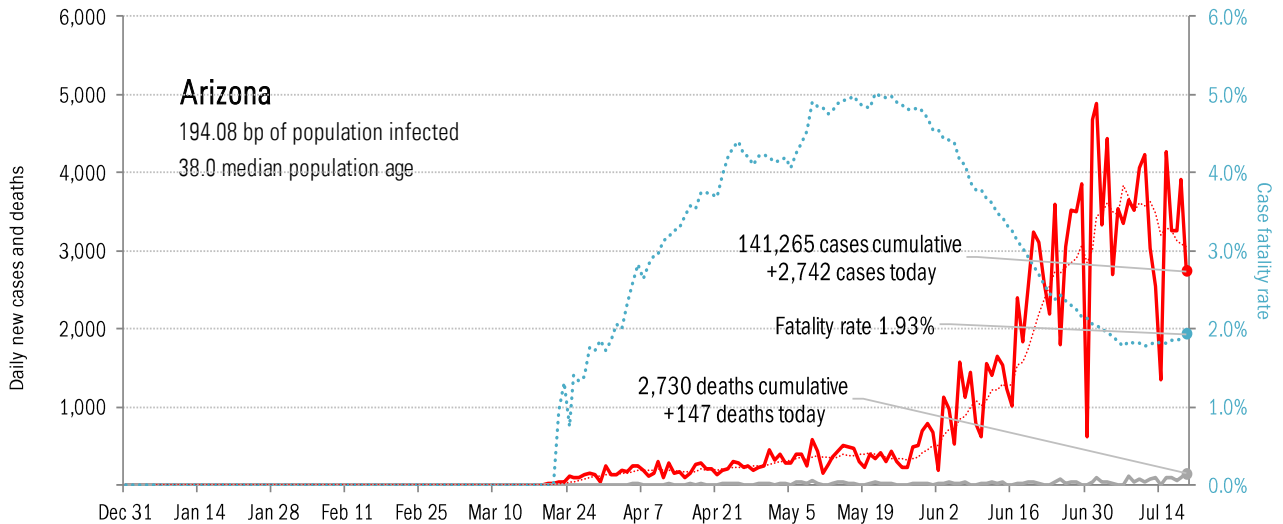
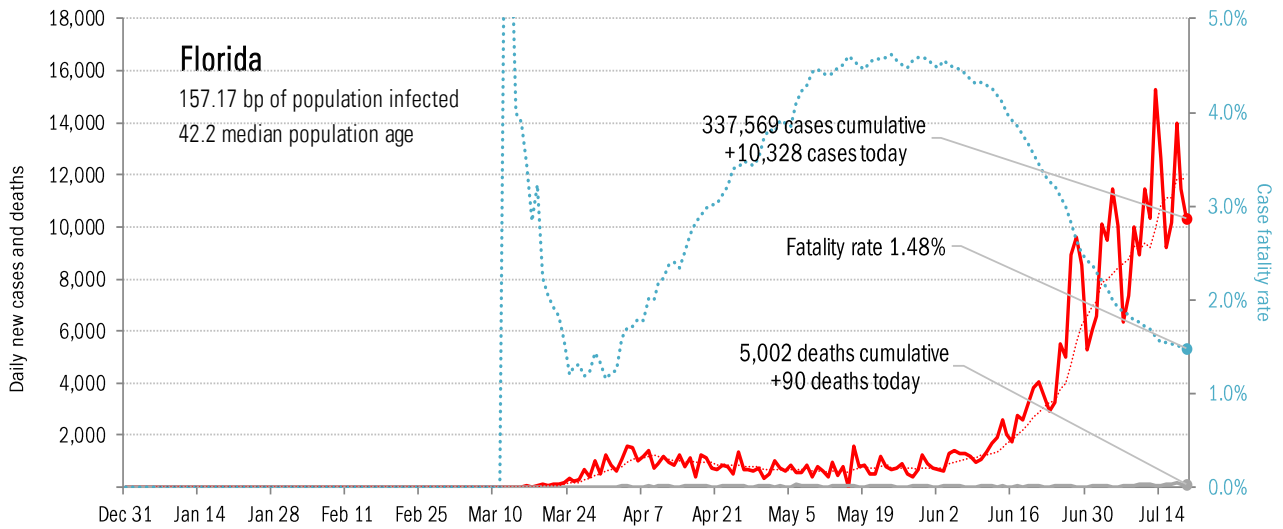
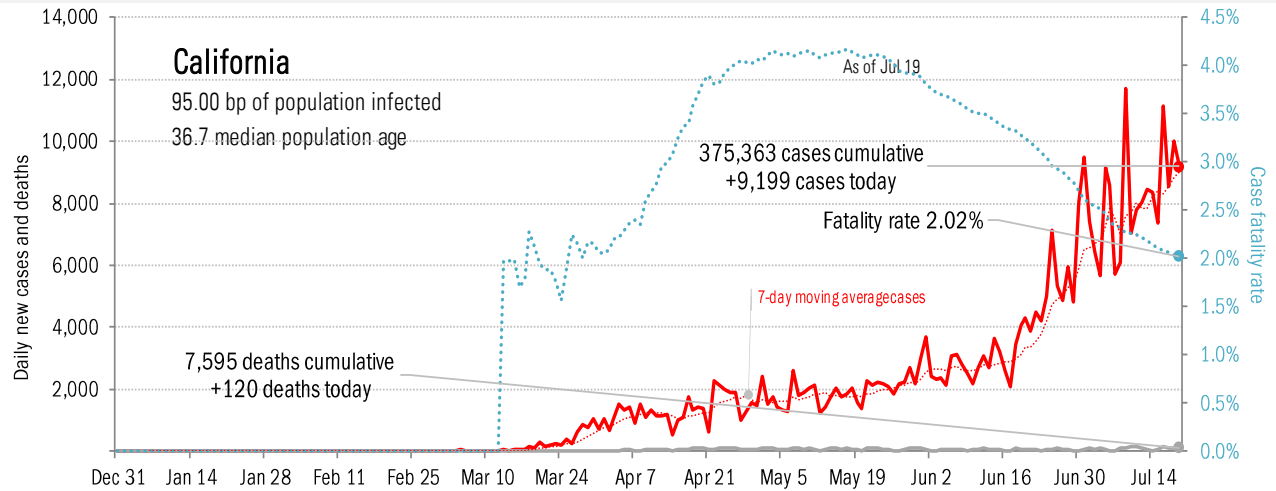
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



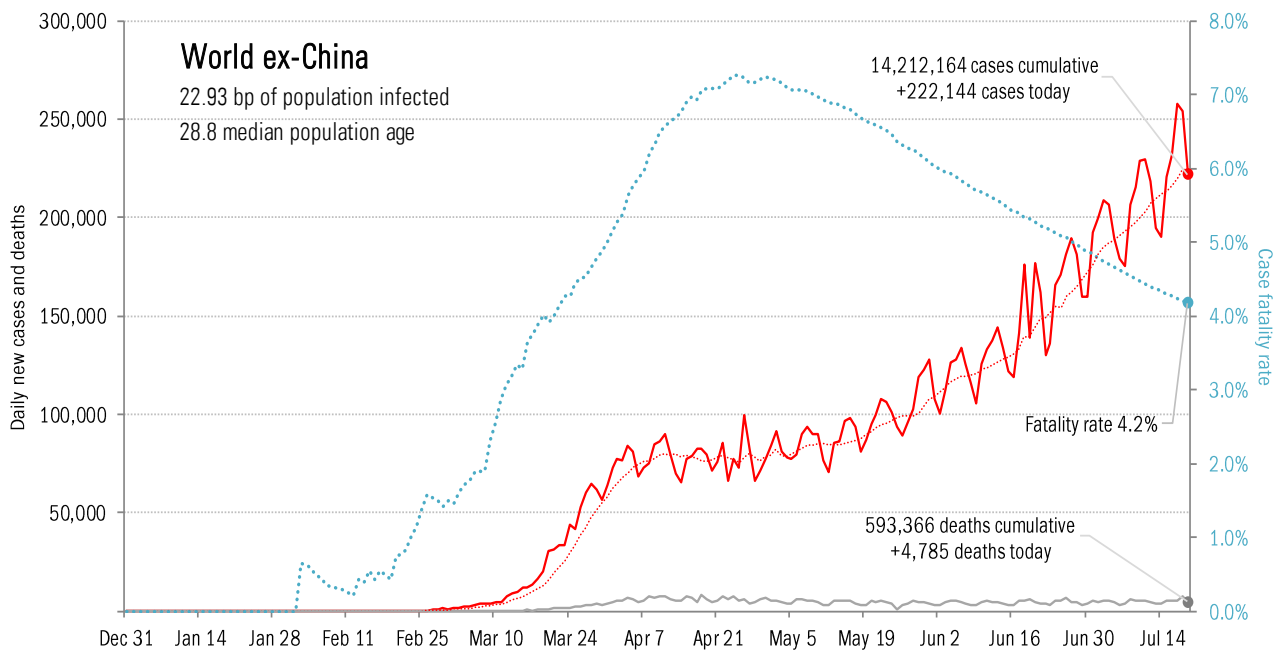
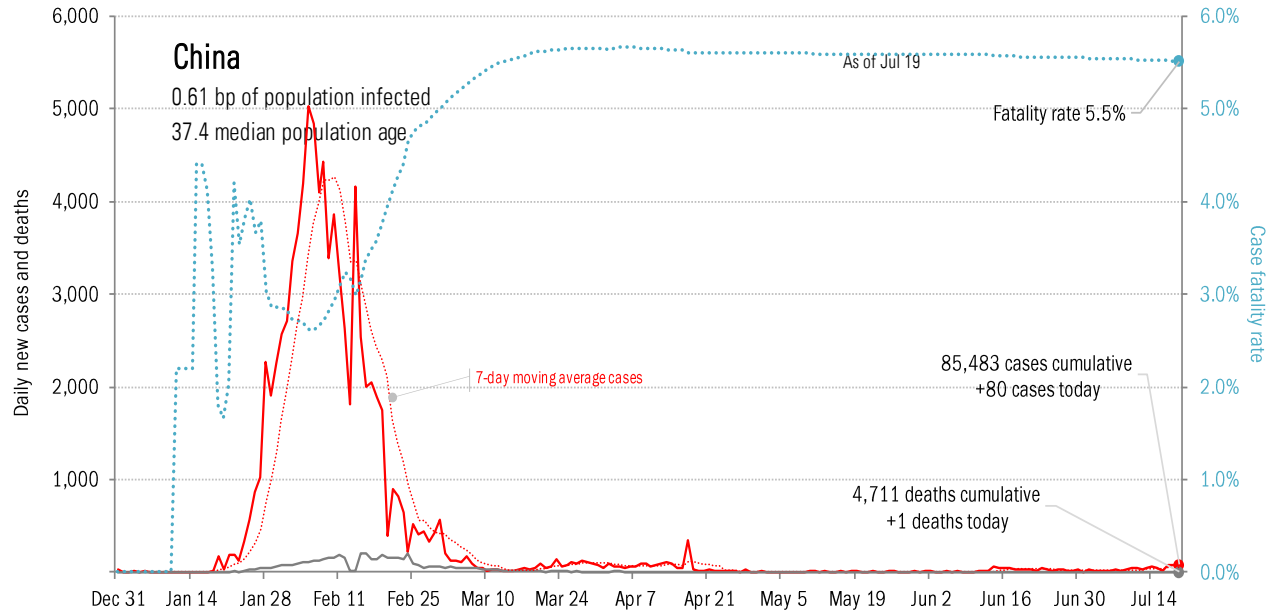
Source: [ECDC](#), TrendMacro calculations

The sun-belt hot-spot states (other than Texas)



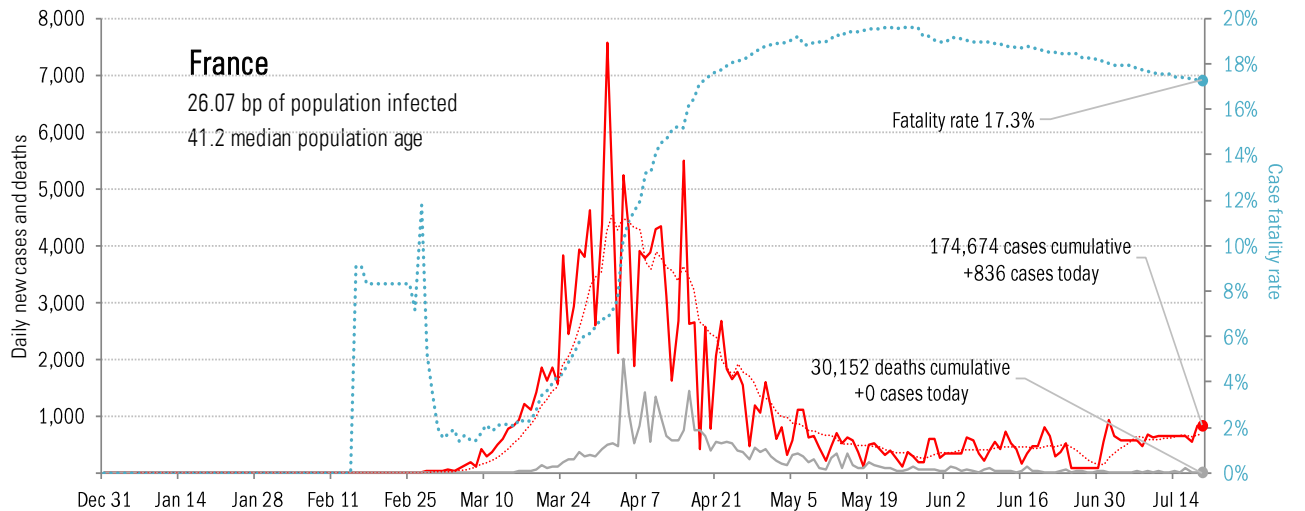
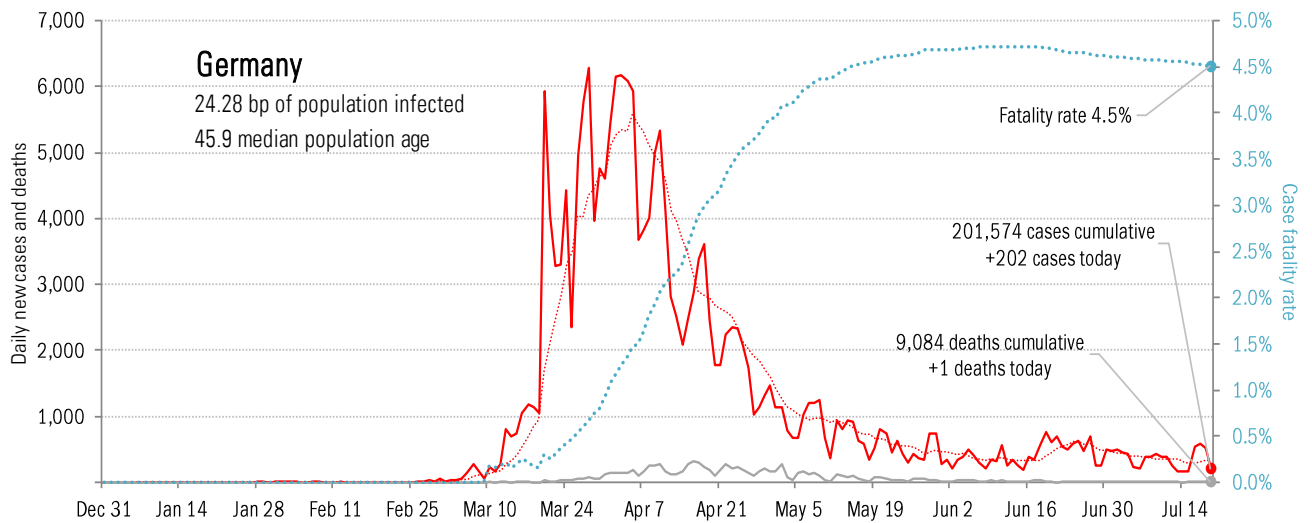
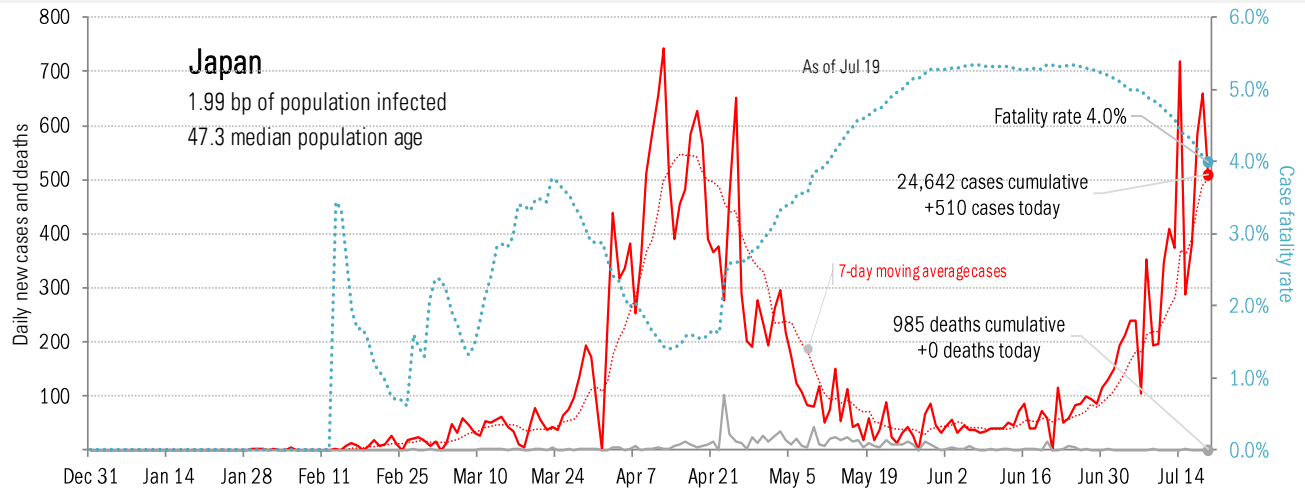
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



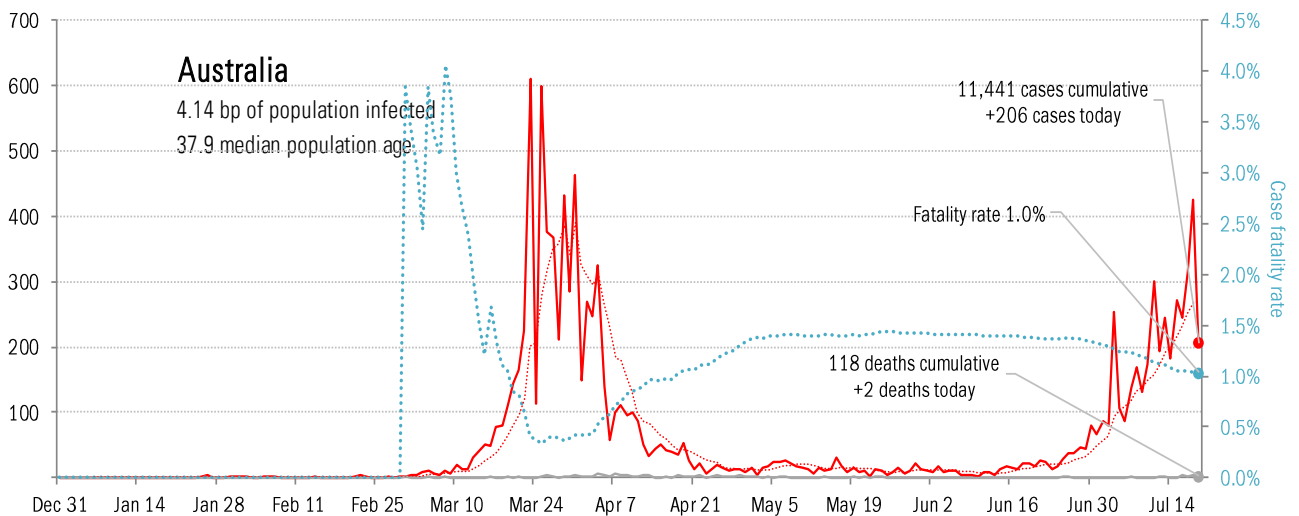
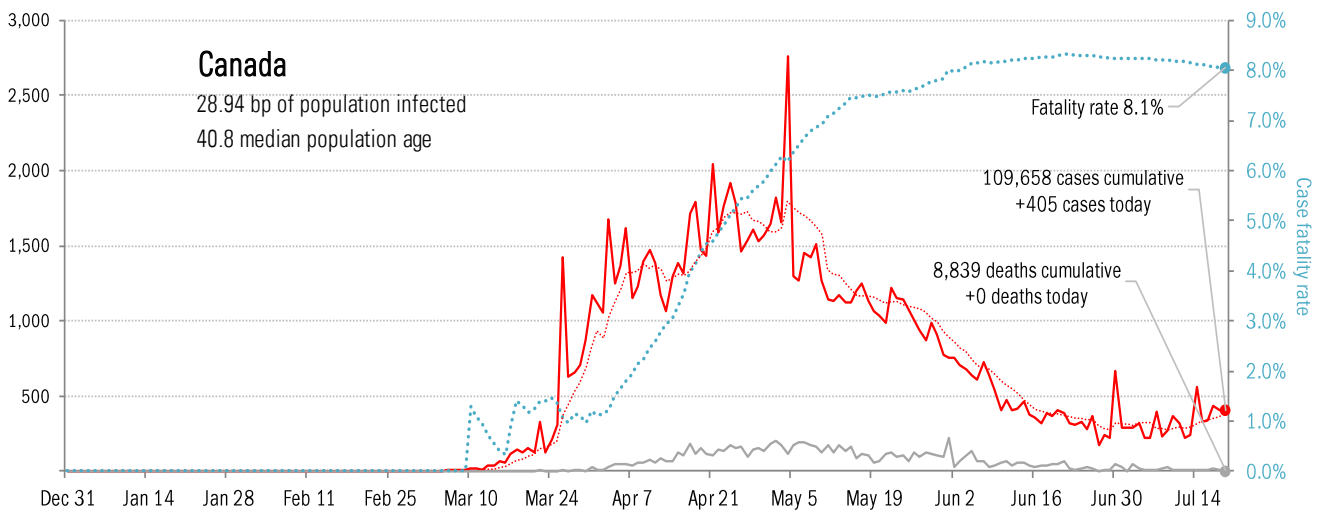
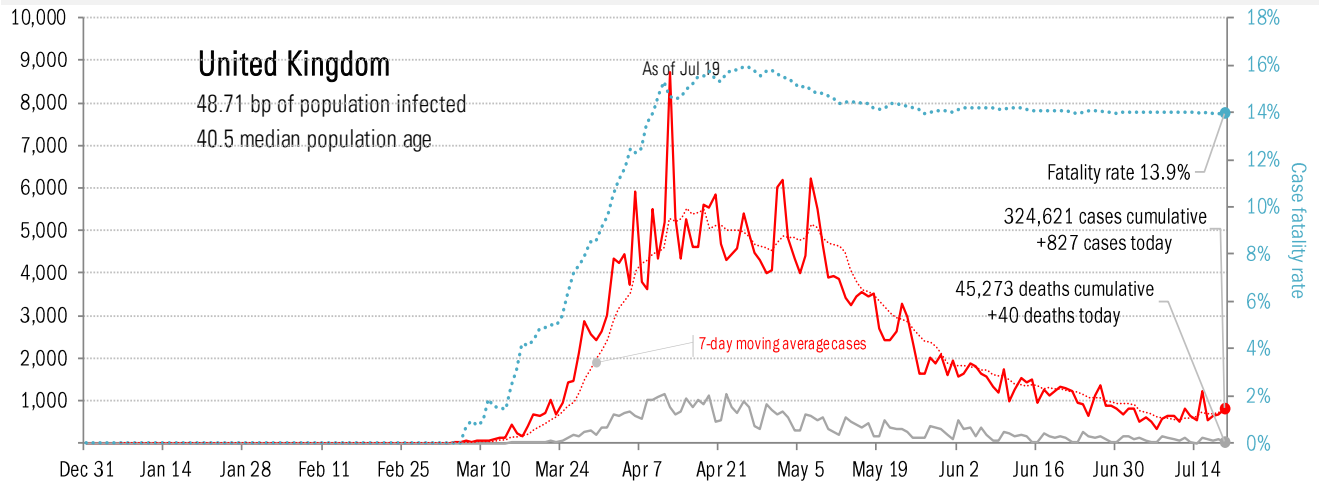
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



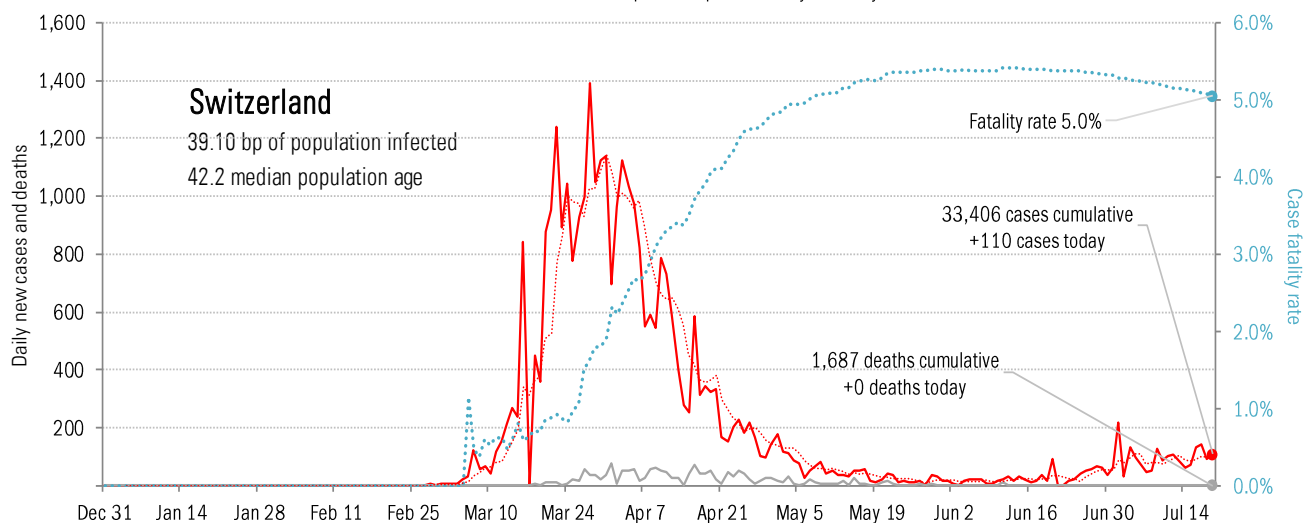
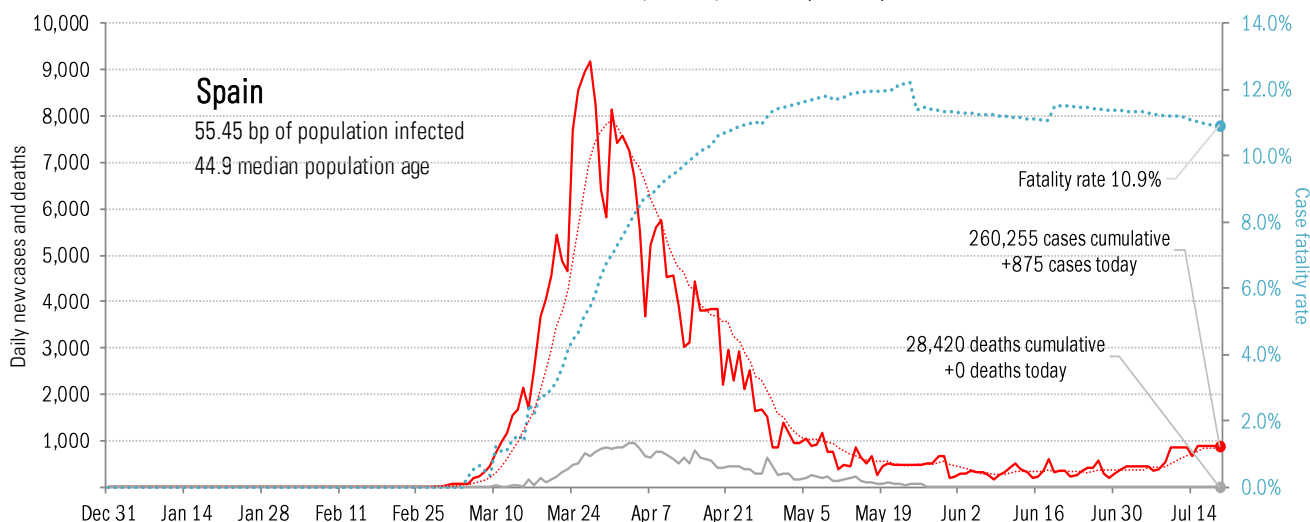
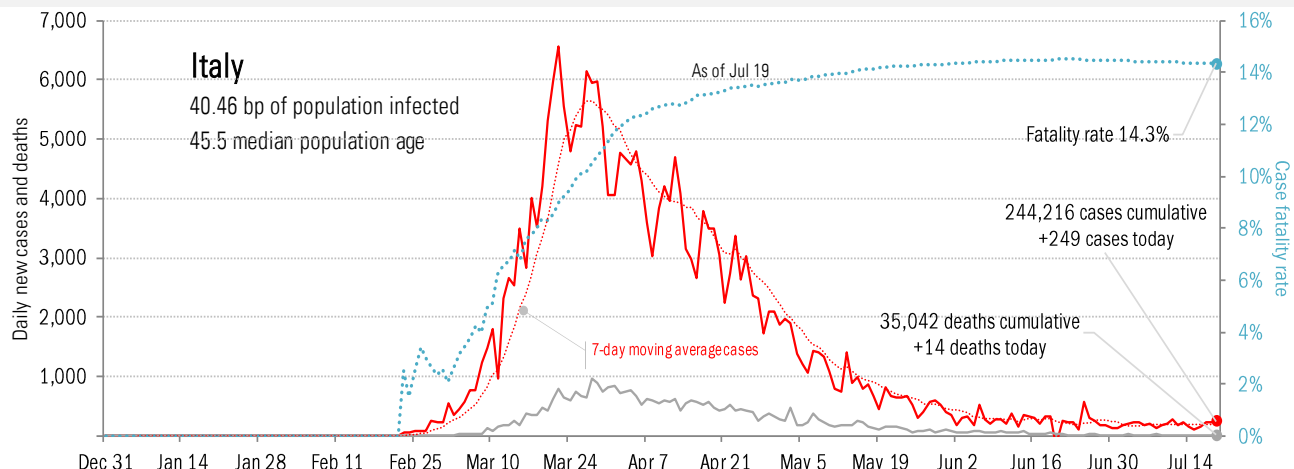
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



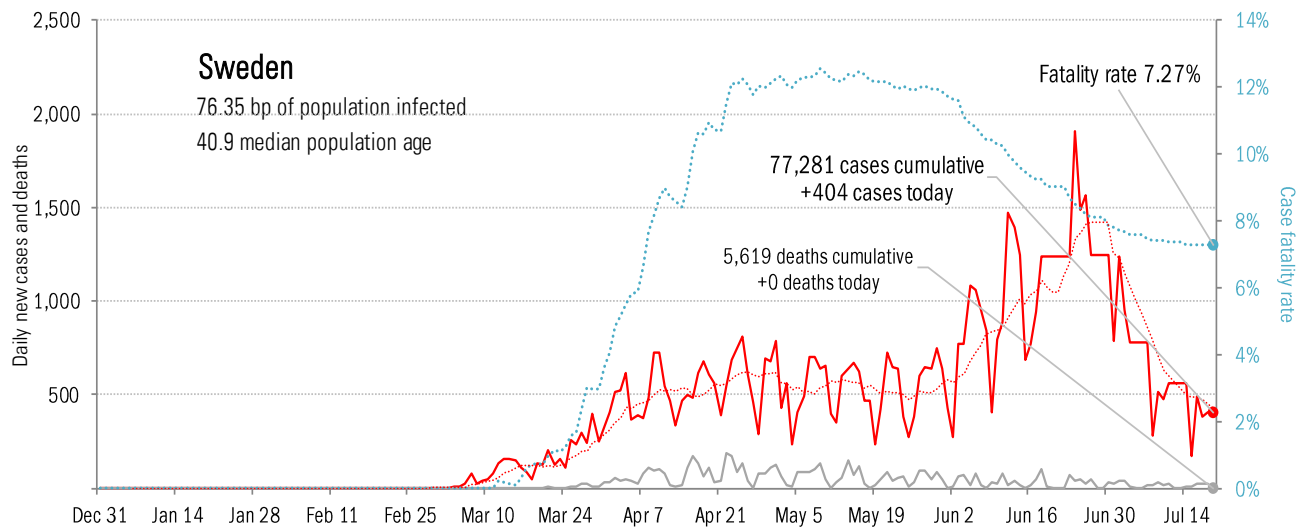
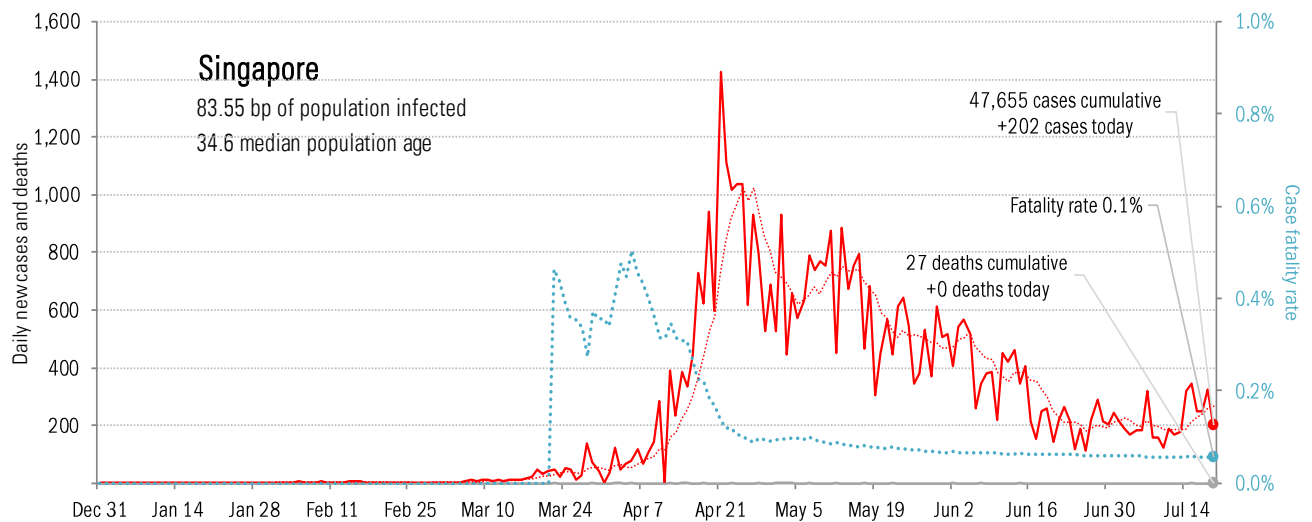
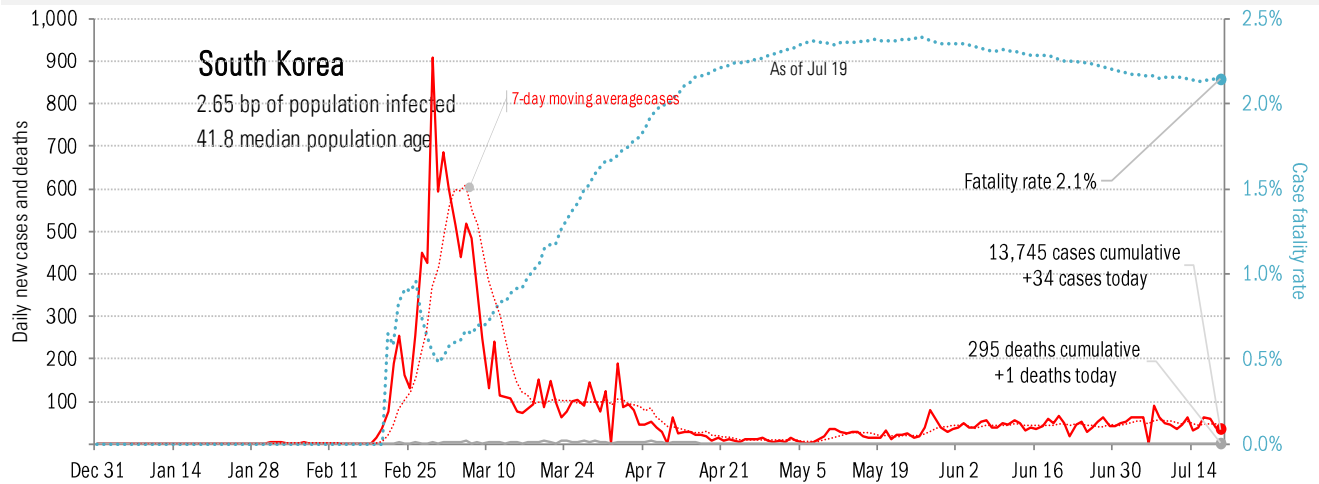
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



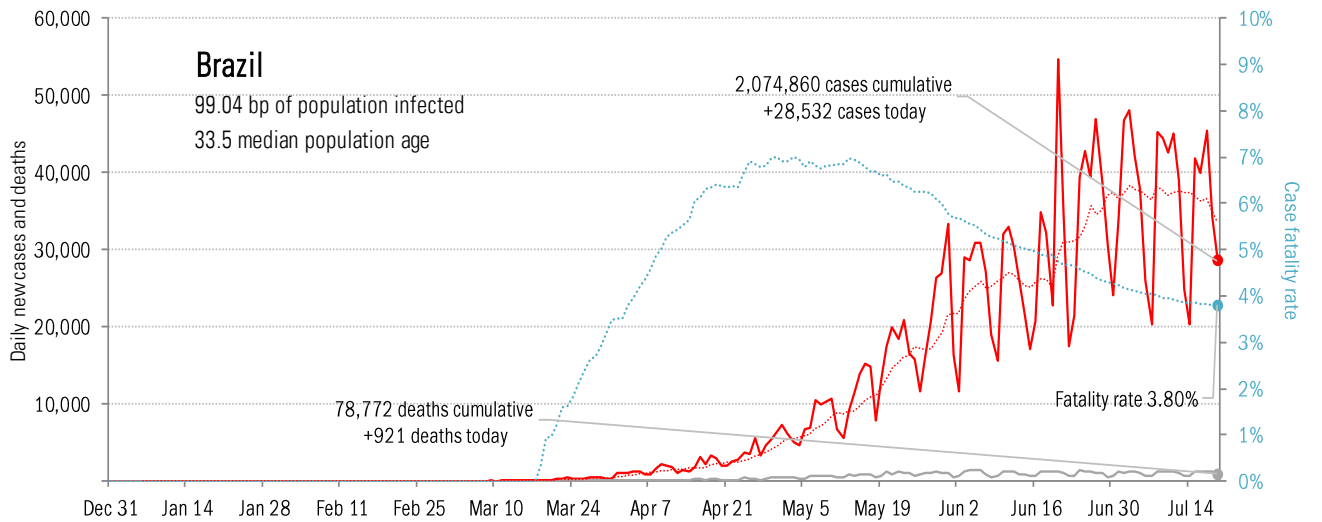
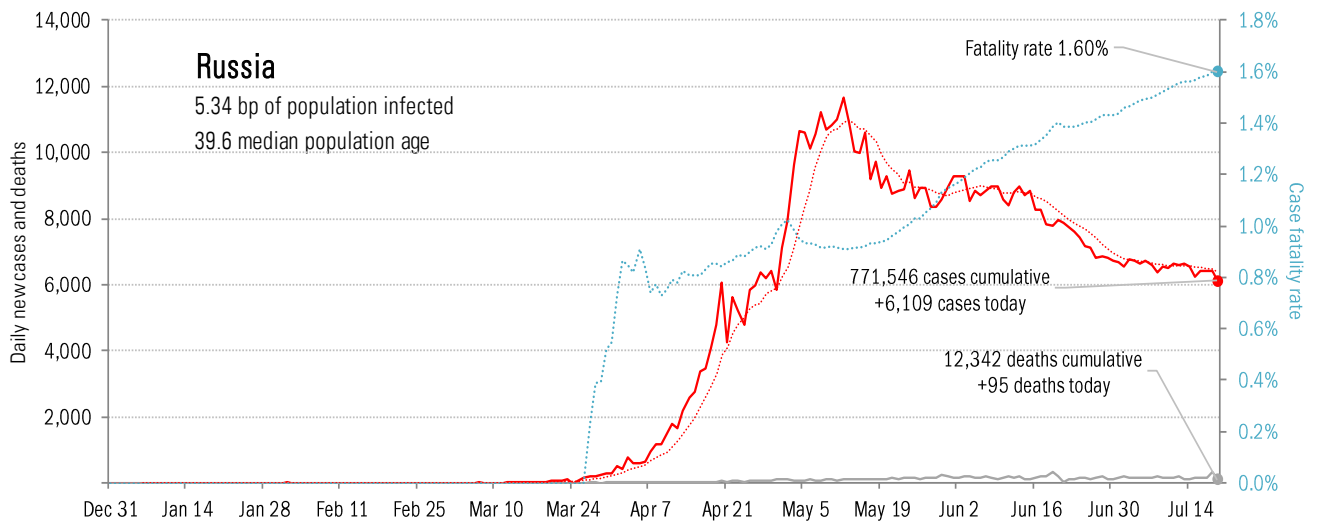
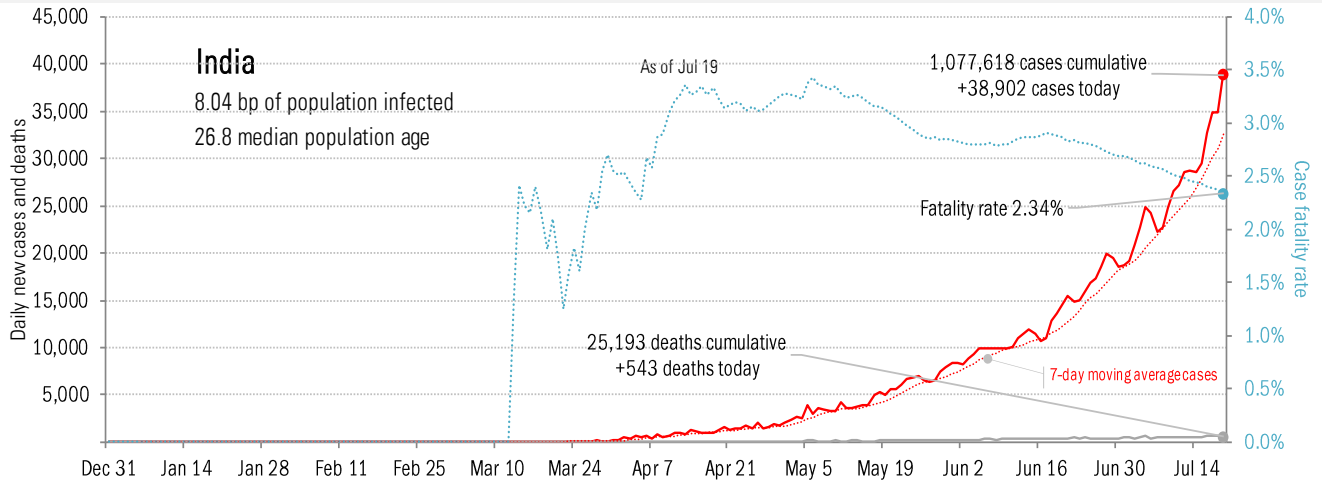
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



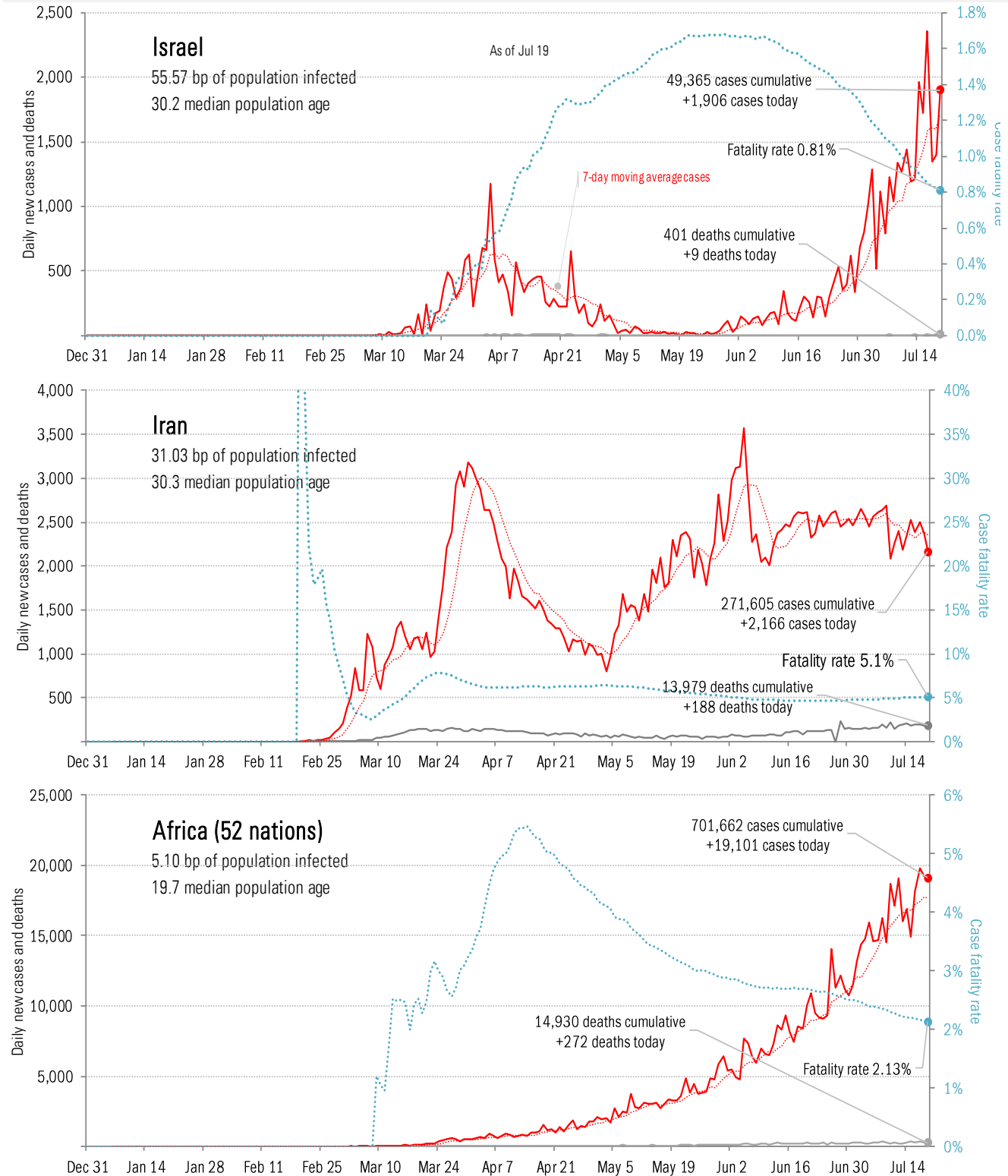
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations