

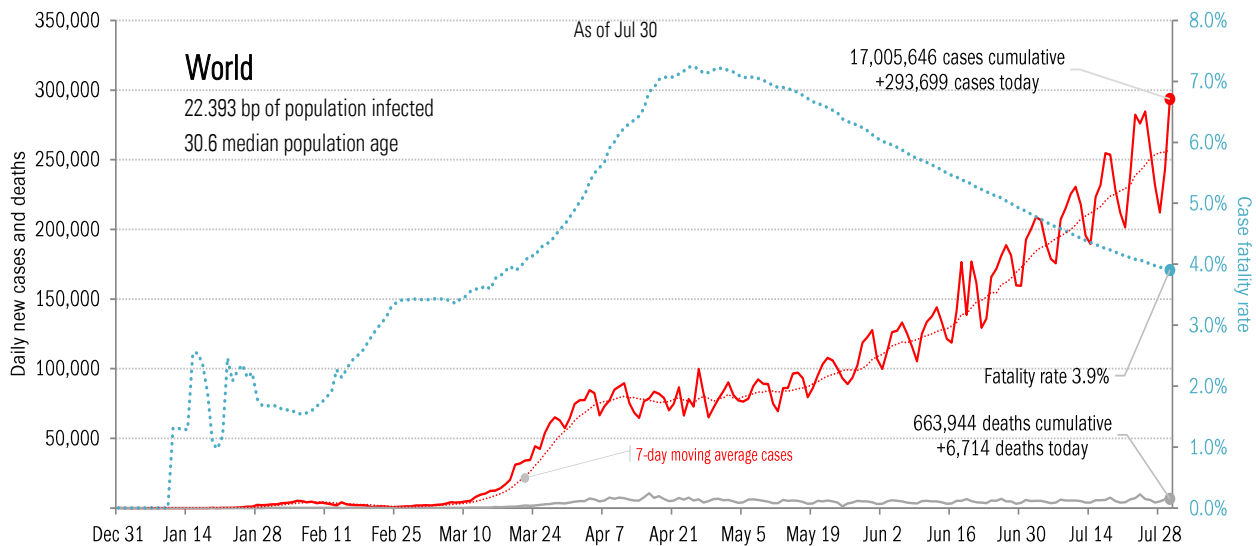
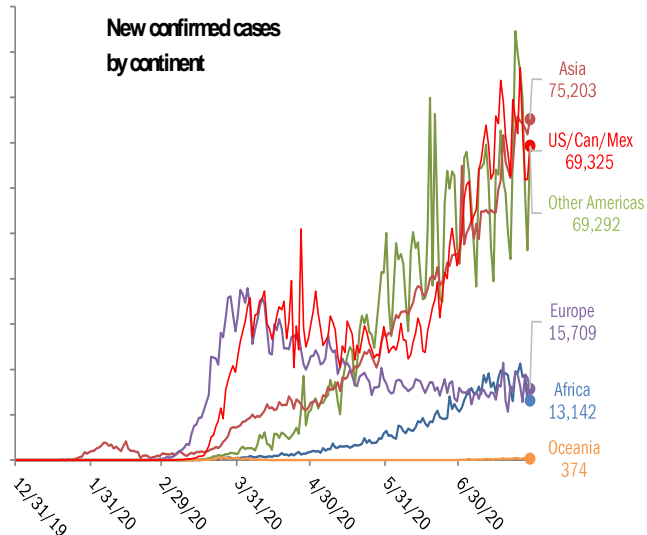
Data Insights: Covid-2019 Monitor

Thursday, July 30, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+74,985	Brazil	+1,595
Brazil	+69,074	US	+1,457
India	+52,123	India	+775
South_Africa	+11,362	Mexico	+485
Colombia	+8,670	Colombia	+380
Argentina	+5,939	South_Africa	+240
Mexico	+5,752	Peru	+204
Peru	+5,678	Iran	+196
Russia	+5,475	Russia	+169
Bangladesh	+3,009	Argentina	+118
+242,067		+5,619	
World	+293,699	World	+6,714
Top ten	82%	Top ten	84%



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

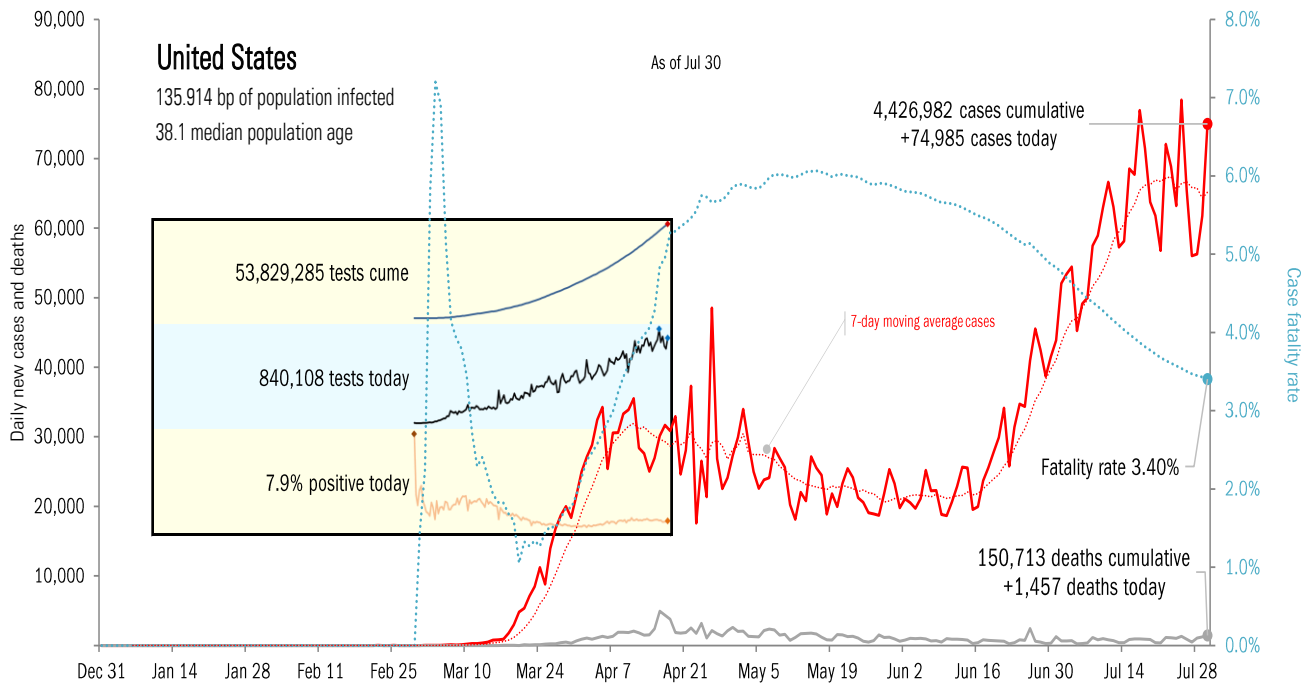
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
FL	+9,446	TX	+313	AZ	+666	CA	475,305	NY	25,132	NY	89,995
TX	+9,042	FL	+217	FL	+587	FL	451,423	NJ	15,798	FL	25,867
CA	+8,755	CA	+197	GA	+420	NY	413,593	CA	8,715	NJ	21,321
TN	+4,333	GA	+79	TN	+202	TX	403,307	MA	8,551	GA	17,964
GA	+3,271	LA	+71	VA	+156	NJ	180,766	IL	7,654	VA	13,000
AZ	+2,339	SC	+50	CH	+128	GA	178,323	PA	7,162	MD	12,448
NC	+1,763	AL	+47	IN	+82	IL	176,366	FL	6,457	MA	11,855
SC	+1,737	AZ	+46	WA	+77	AZ	168,273	MI	6,422	CT	10,712
LA	+1,735	NC	+45	AR	+61	NC	117,850	TX	6,190	CH	10,553
MO	+1,671	TN	+42	MD	+59	MA	116,182	CT	4,425	AZ	10,060
+44,092		+1,107		+2,438		2,681,388		96,506		223,775	
All states	+66,211	All states	+1,418	All states	+2,913	All states	4,394,906	All states	142,848	All states	302,057
Top ten	67%	Top ten	78%	Top ten	84%	Top ten	61%	Top ten	68%	Top ten	74%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
GA	-938	AZ	-58	AZ	-977	LA	+12,790
PA	-286	NJ	-48	VA	-548	TX	+6,897
MA	-256	MS	-22	SC	-290	TN	+4,890
CK	-241	MA	-15	AL	-199	CH	+1,639
NV	-235	MI	-15	CK	-61	CK	+1,023



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

Recommended reading

[Silenced Frontline Doctors Hold Capitol Hill Press Conference to Challenge Big Tech](#)

Breitbart

July 28, 2020

[Economics is a disgrace](#)

Claudia Sahm

Macmom Blog

July 29, 2020

[CBS News Poll Says 70% Of Americans Would Wait To Get COVID-19 Vaccine, Or Wouldn't Get One At All](#)

Max Gomez

CBS News

July 27, 2020

[Exploratory analysis of immunization records highlights decreased SARS-CoV-2 rates in individuals with recent non-COVID-19 vaccinations](#)

Colin Pawlowski et al.

medRxiv

July 27, 2020

[53% of voters more concerned about pandemic health threat than economic threat](#)

Scott Rasmussen

Ballotopedia

July 29, 2020

[Coronavirus: Emirates covers Covid-19 medical and funeral costs](#)

BBC News

July 28, 2020

[America's Frontline Doctors SCOTUS Press Conference Transcript](#)

July 27, 2020

[At Home COVID-19 Testing - A Possible Breakthrough](#)

MedCram

July 20, 2020

[CDC Director: Threat Of Suicide, Drugs, Flu To Youth 'Far Greater' Than Covid](#)

Amanda Prestigiacomo

Daily Wire

July 28, 2020

[The American Influenza Epidemic of 1918: A Digital Encyclopedia](#)

Influenza Encyclopedia

July 2020

[Brave Frontline COVID Doctor Calls Out Fake News, Challenges CNN's Chris Cuomo to Take a Urine Test to Prove He Isn't Taking Hydroxychloroquine](#)

Cristina Laila

Gateway Pundit

July 27, 2020

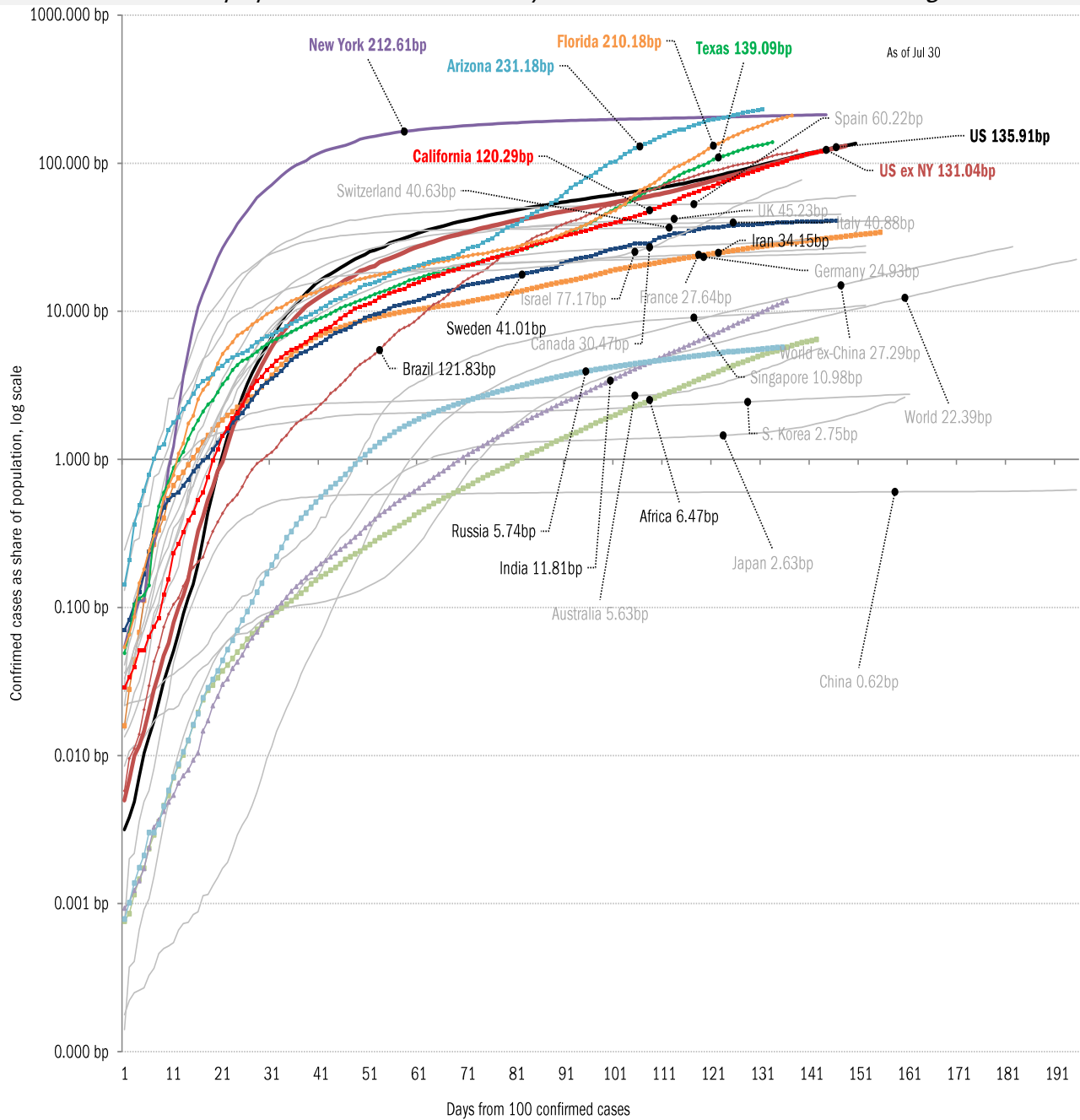
[Hamptons Concert Turns Into Lightning Rod After Cuomo Vows Probe](#)

Sridhar Natarajan and Amanda L Gordon

Bloomberg

July 28, 2020

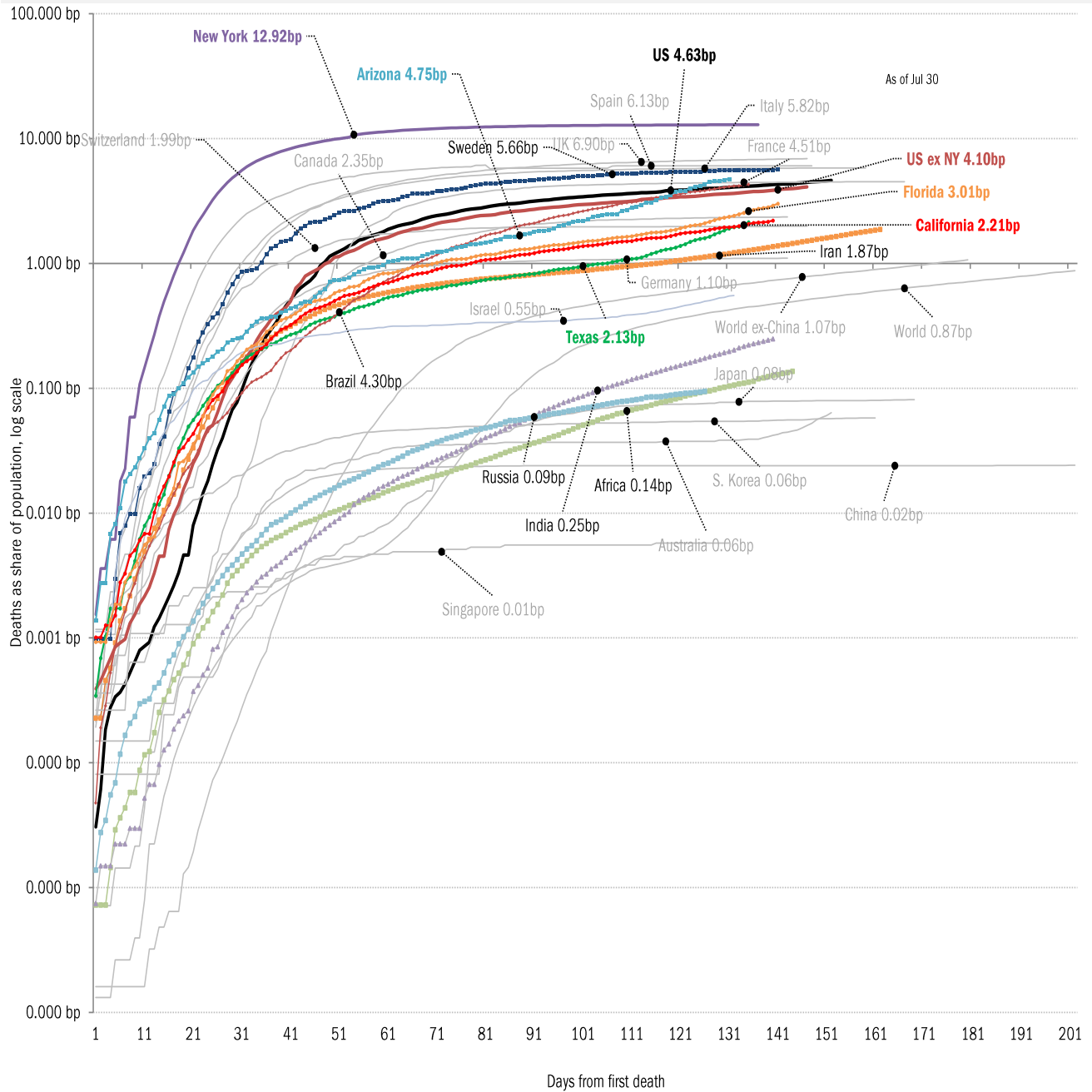
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

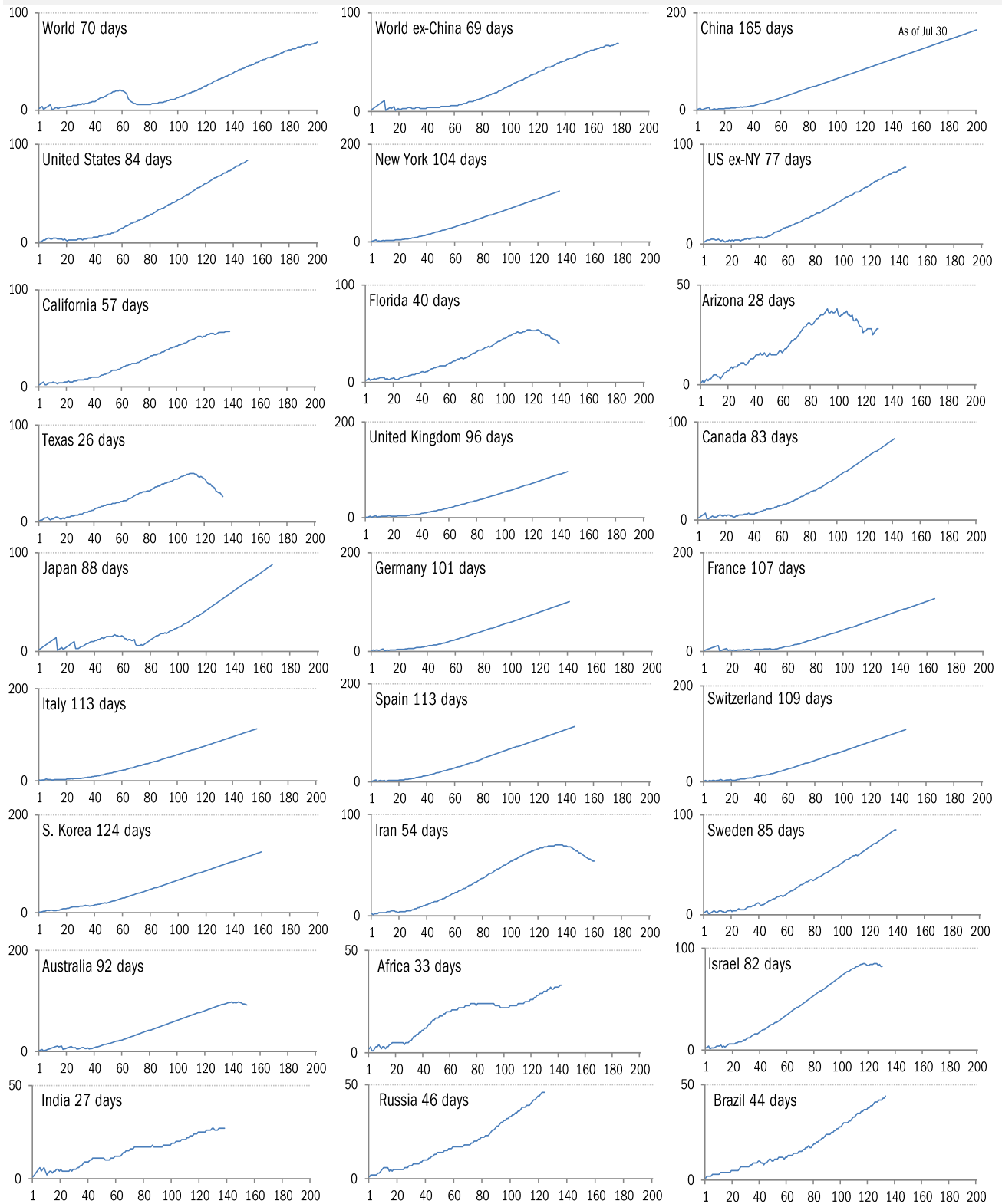
Share of deceased population from day of first fatality



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

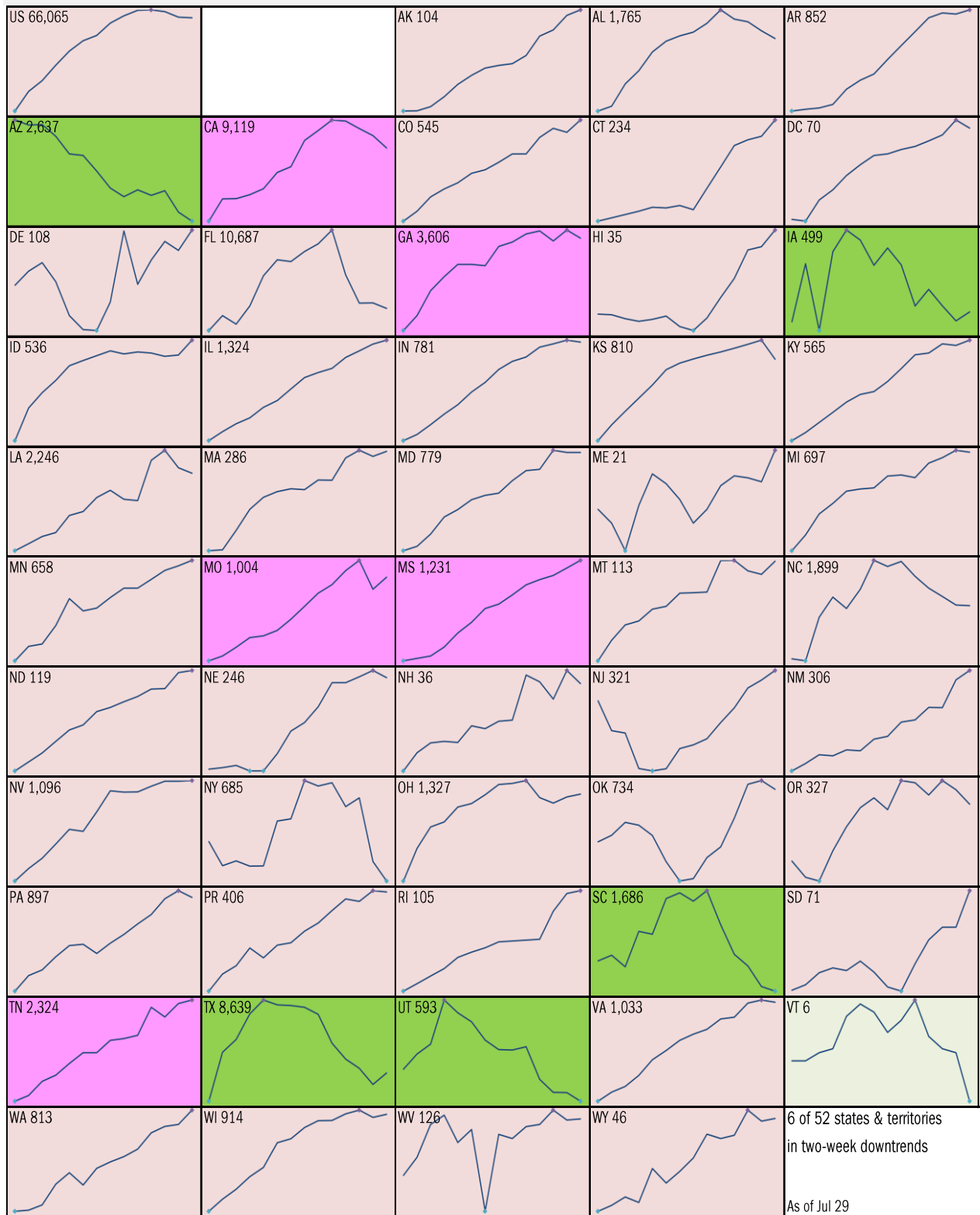


Source: [ECDC](#), TrendMacro calculations

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

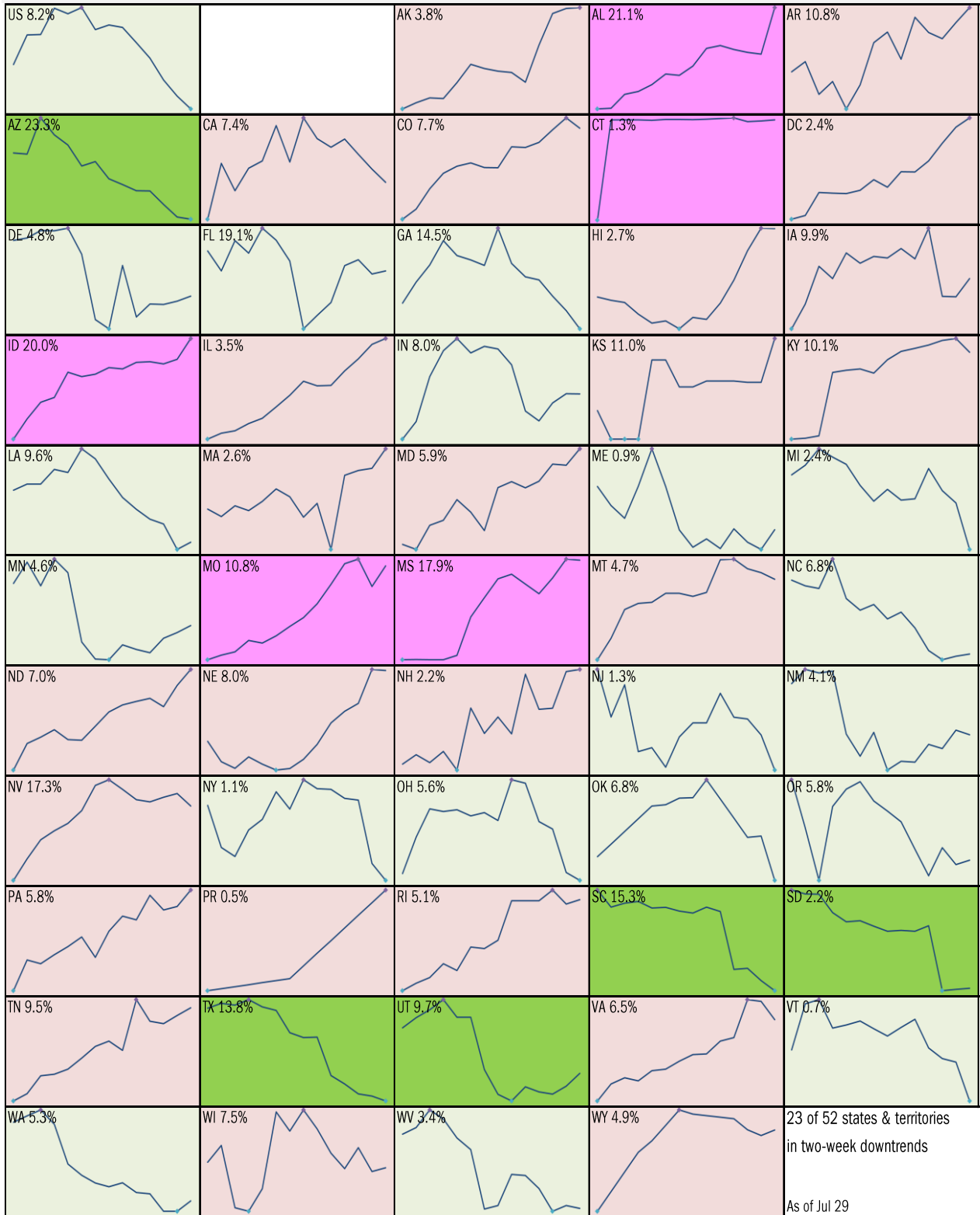
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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



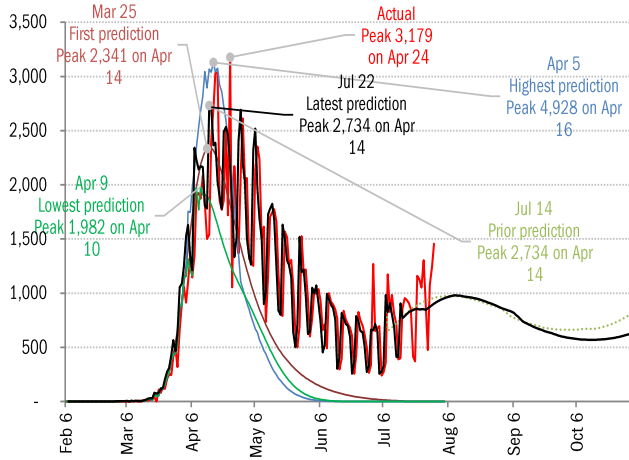
Source: [Covid Tracking Project](#), TrendMacro calculations

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

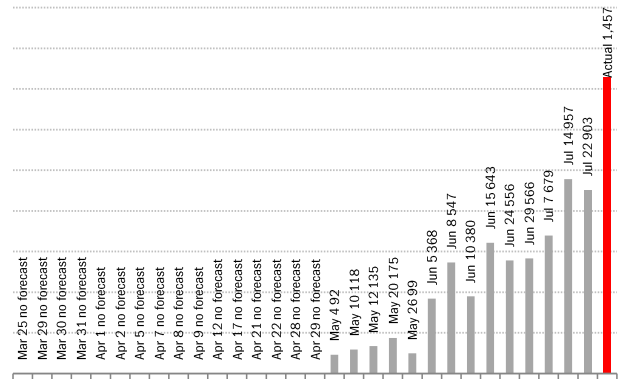
New daily fatalities

As of Jul 30

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

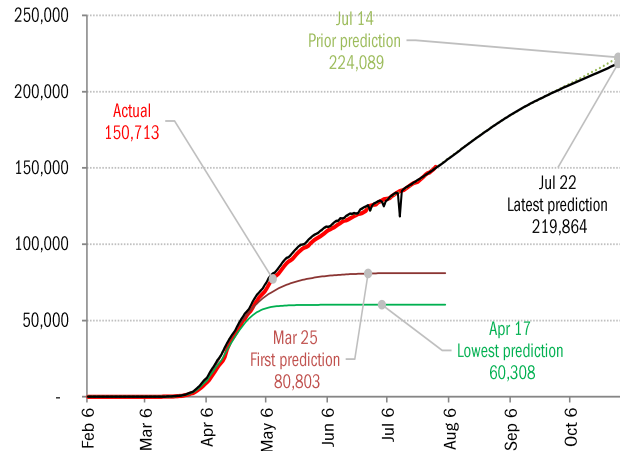


For this day, versus all model mean predictions

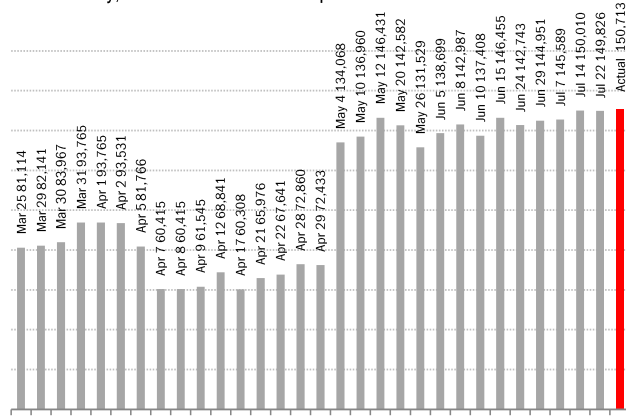


Cumulative fatalities

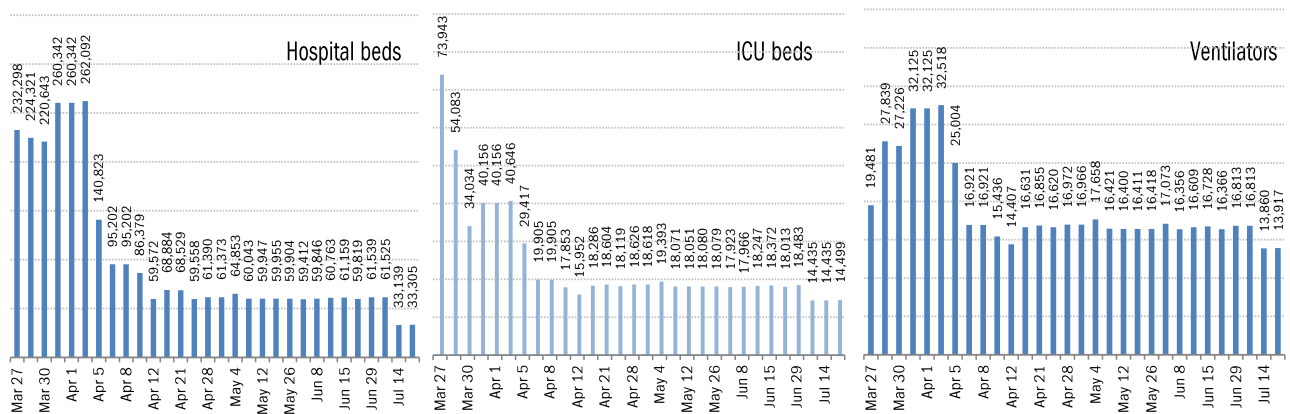
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

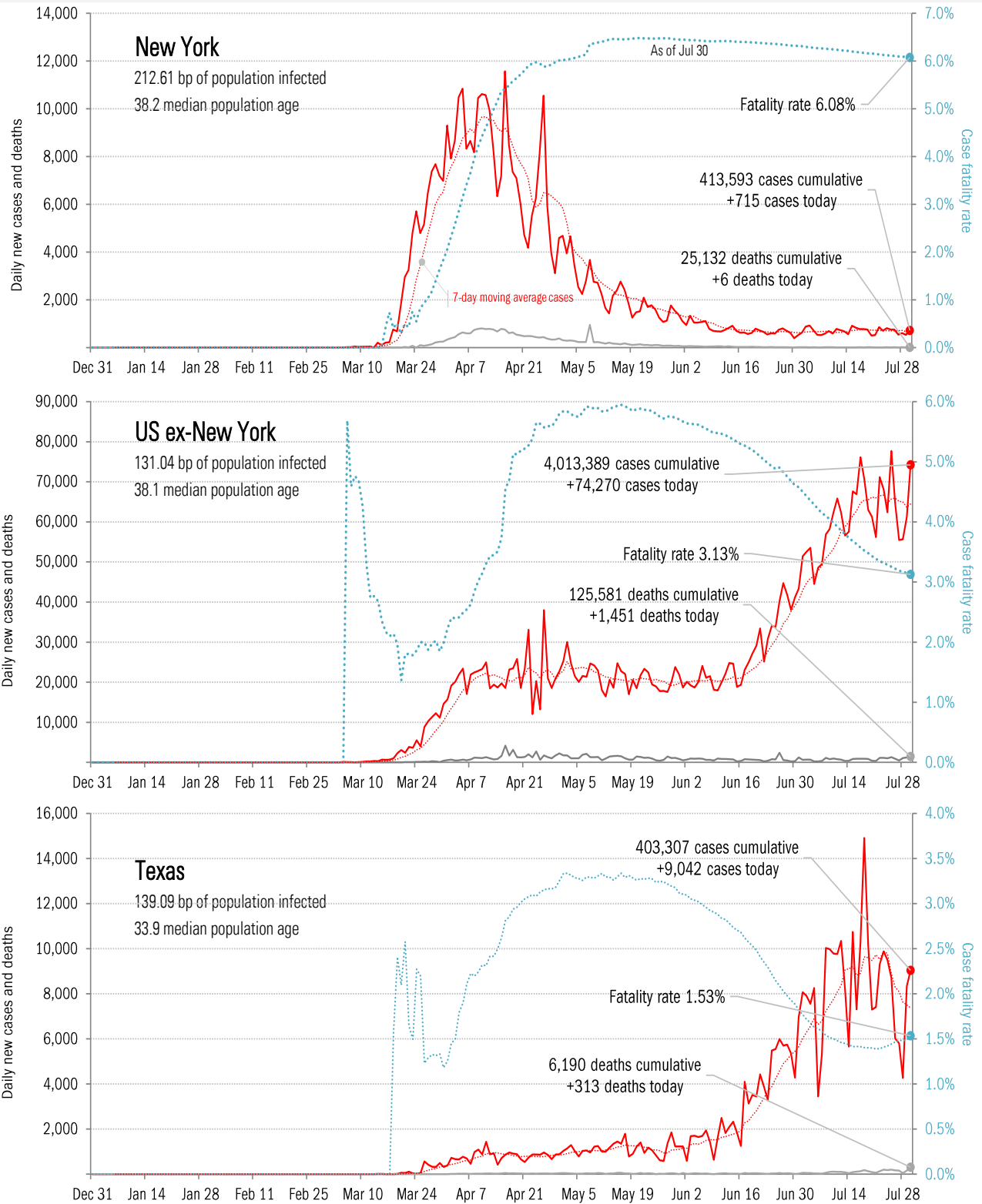


Healthcare system stress, peak estimated at each model revision



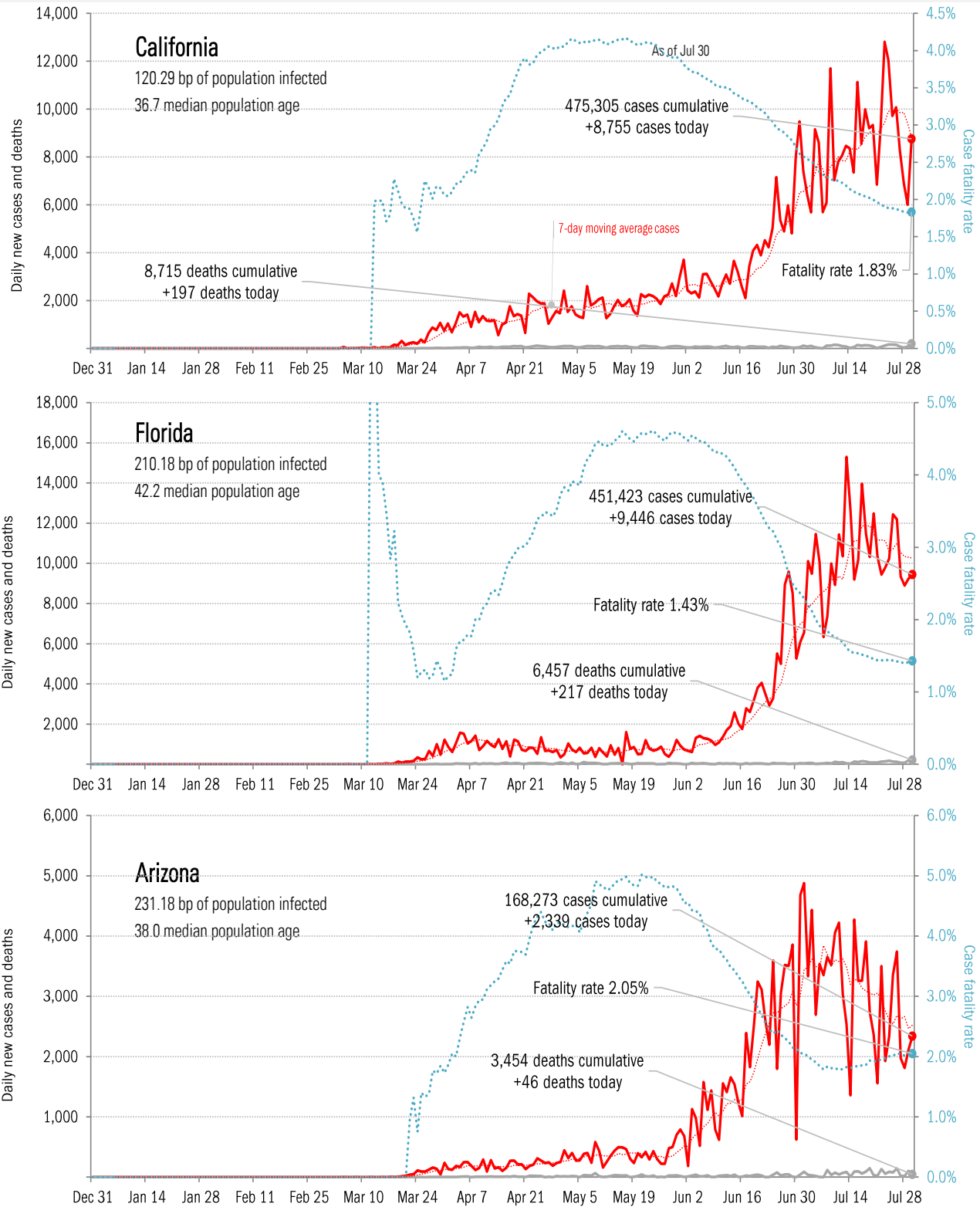
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



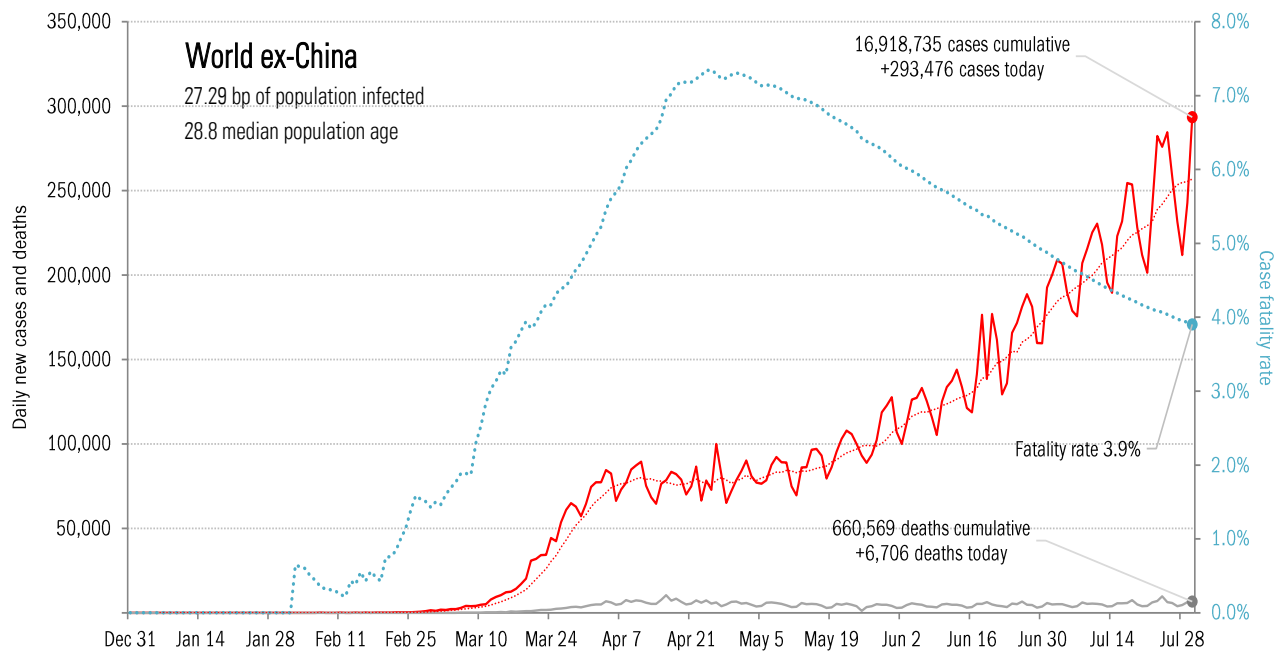
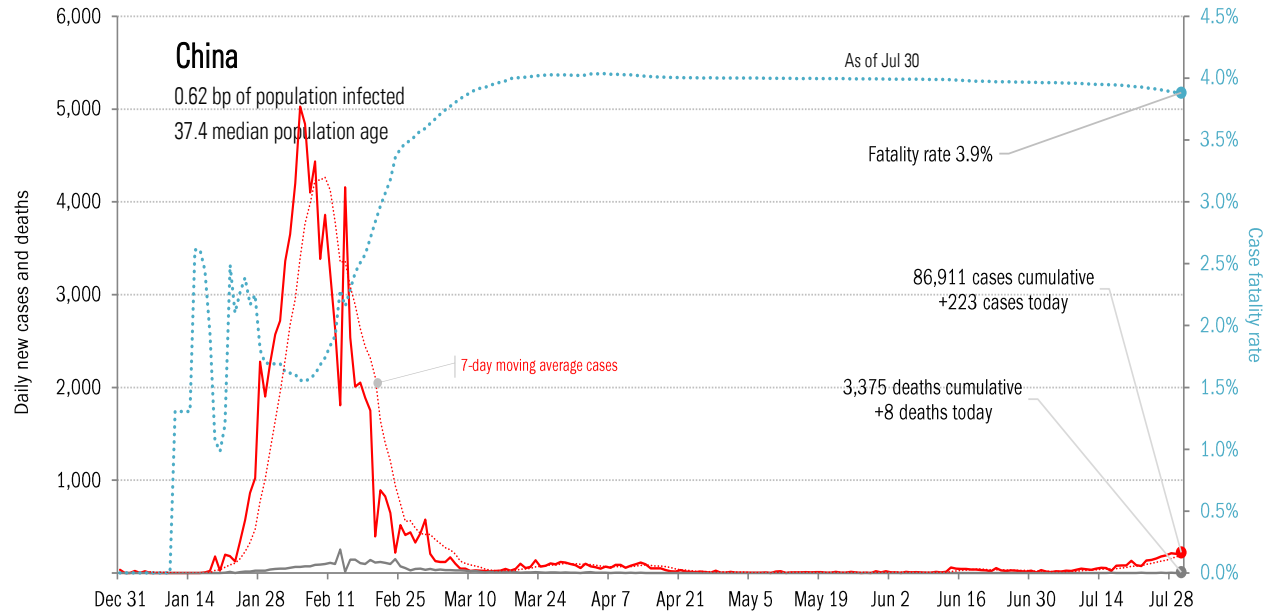
Source: [ECDC](#), TrendMacro calculations

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



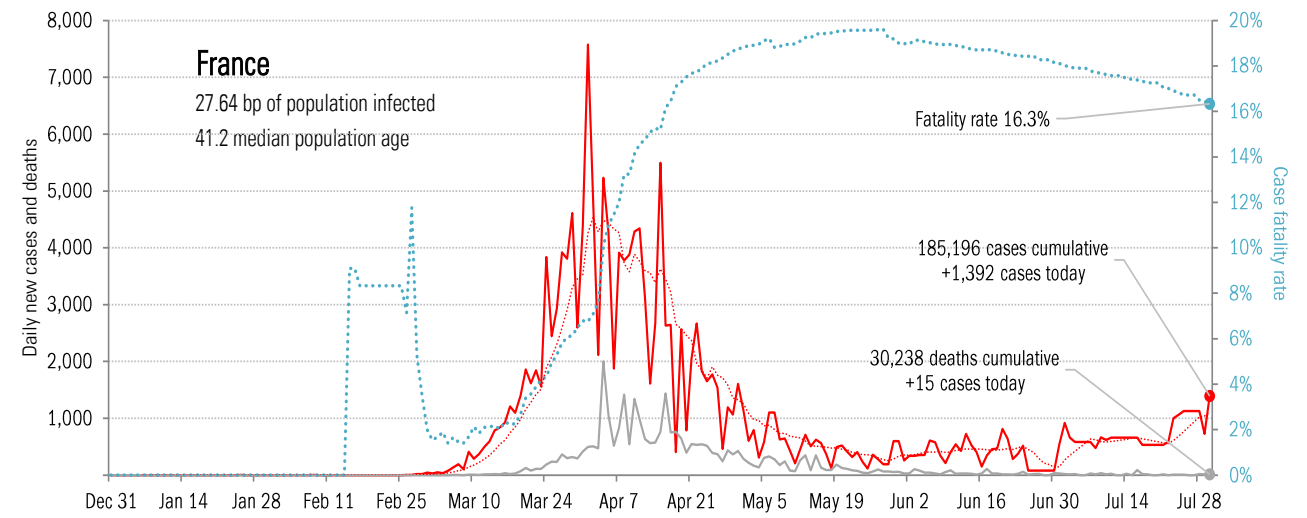
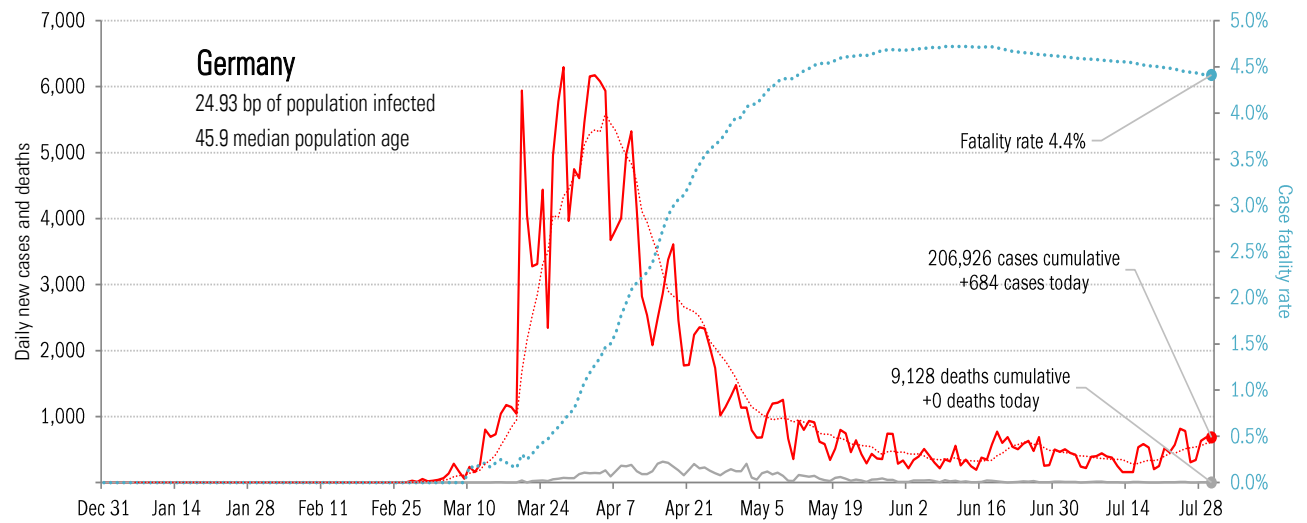
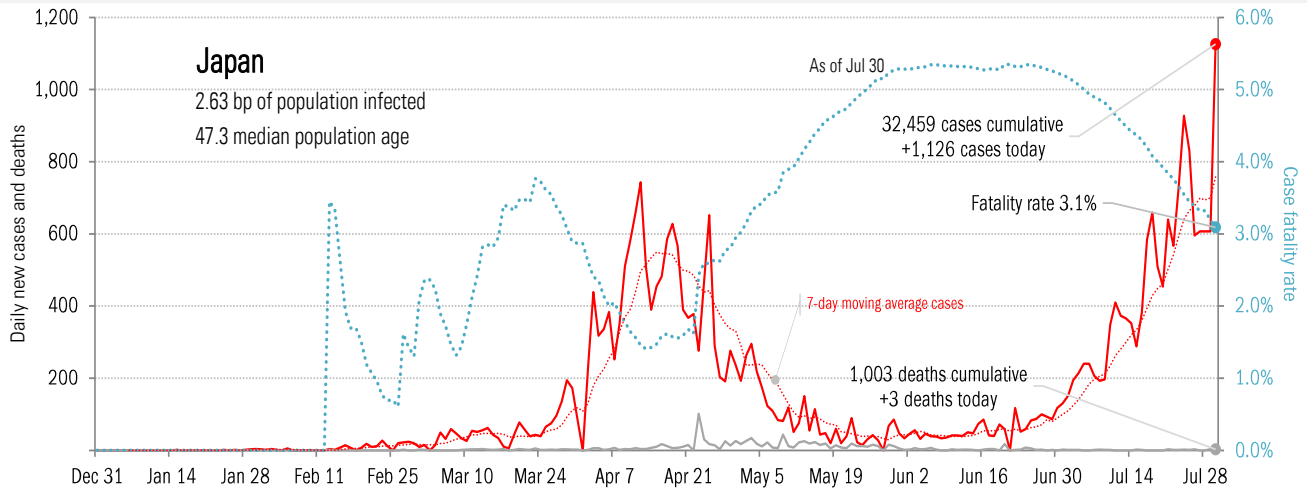
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



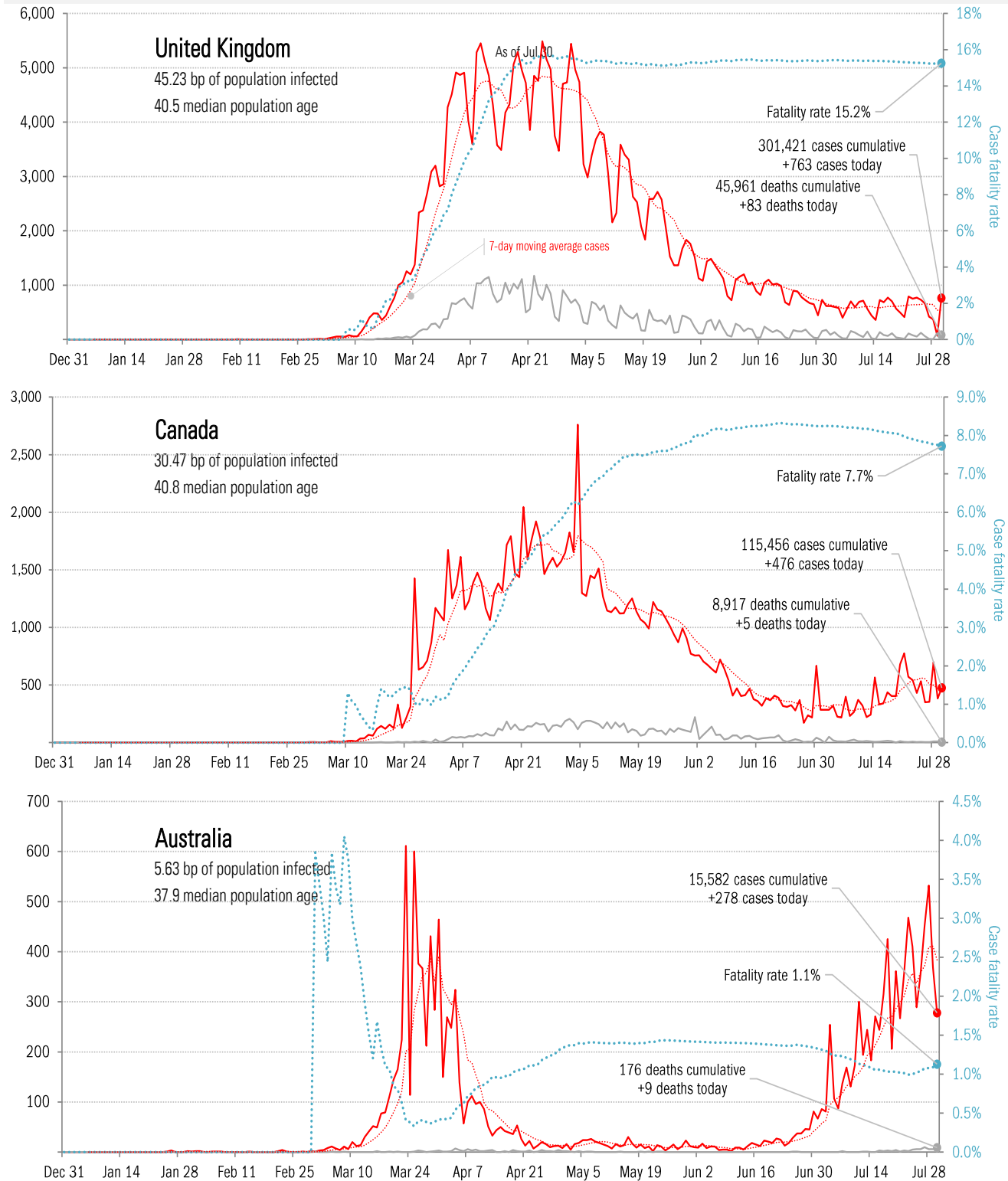
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



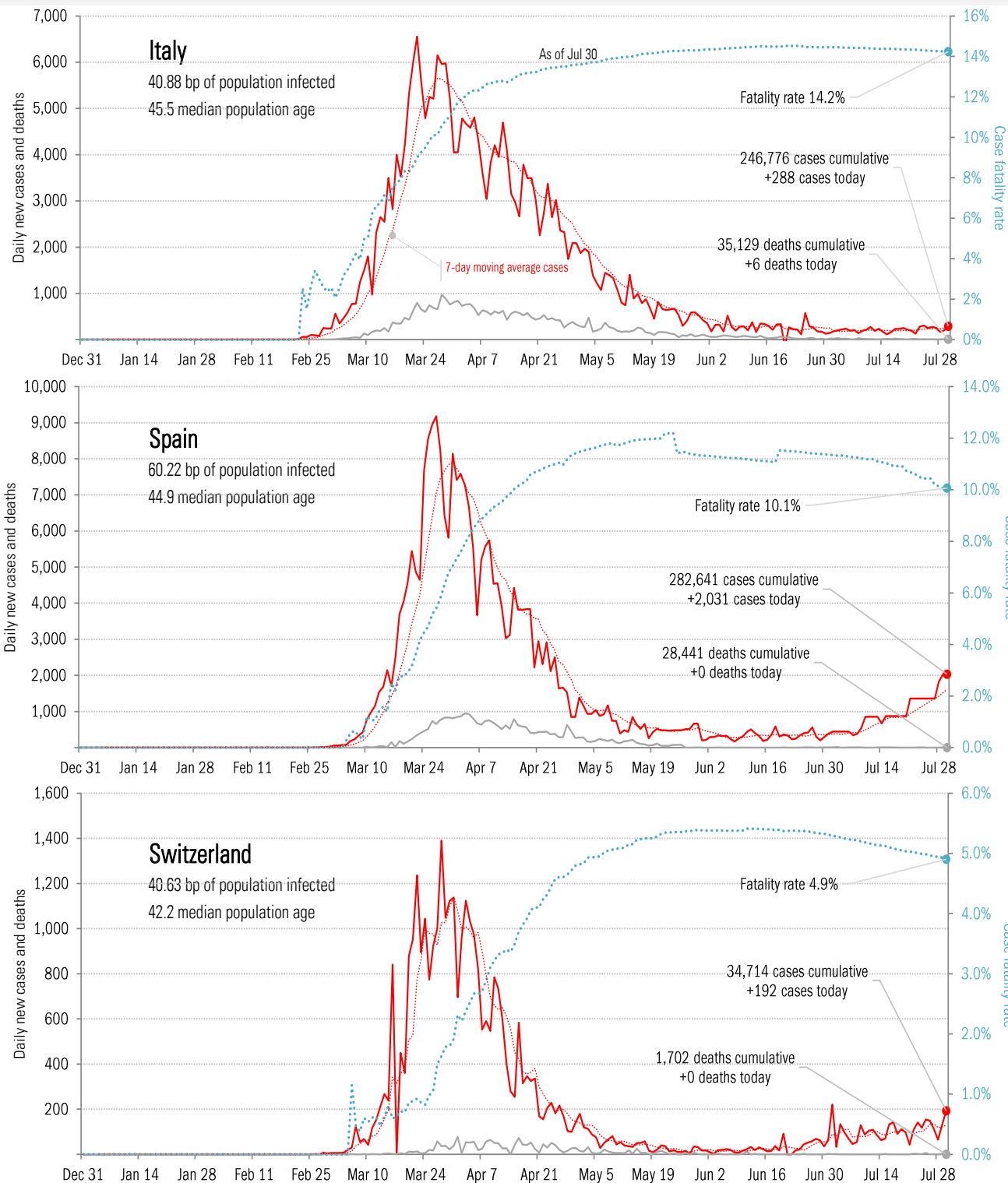
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



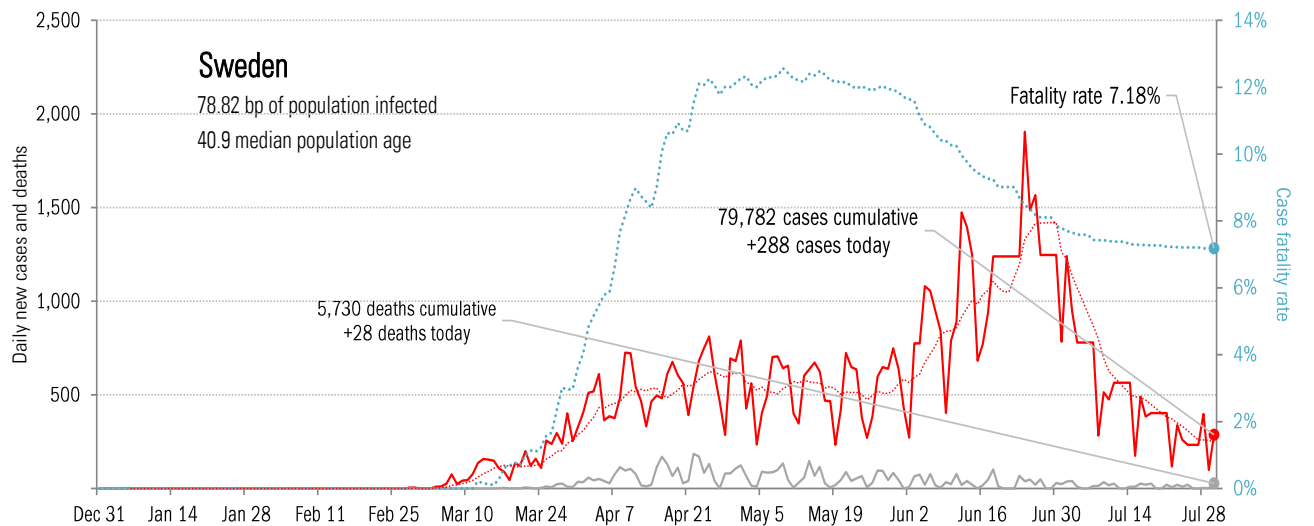
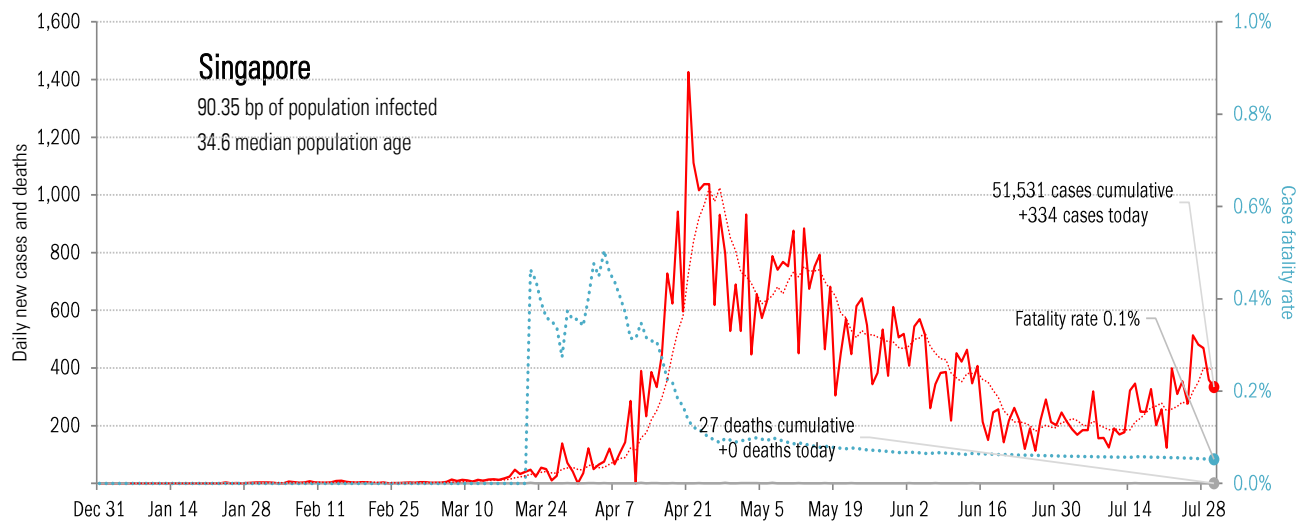
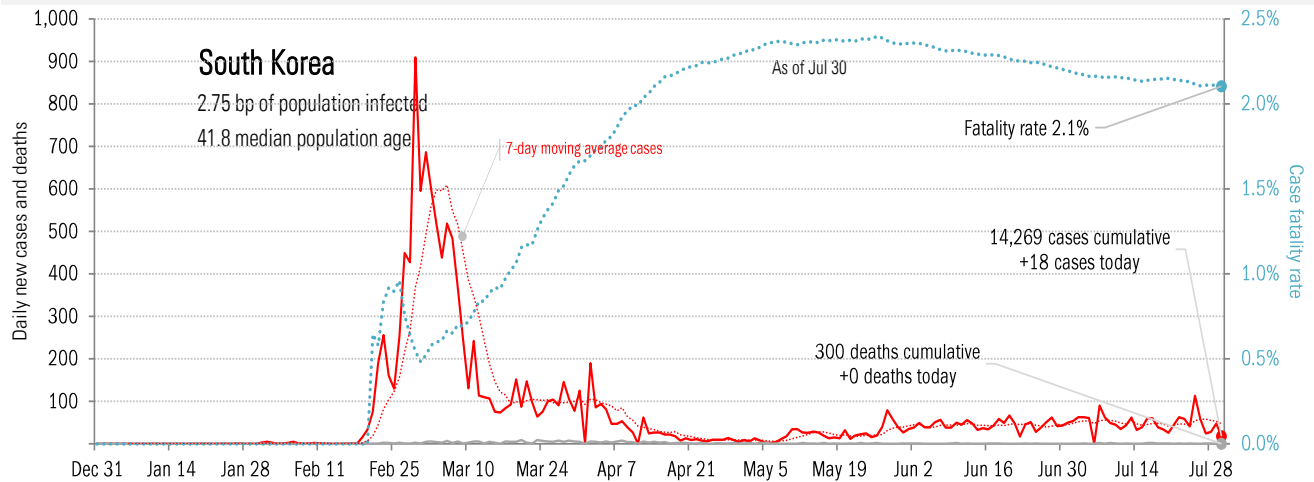
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



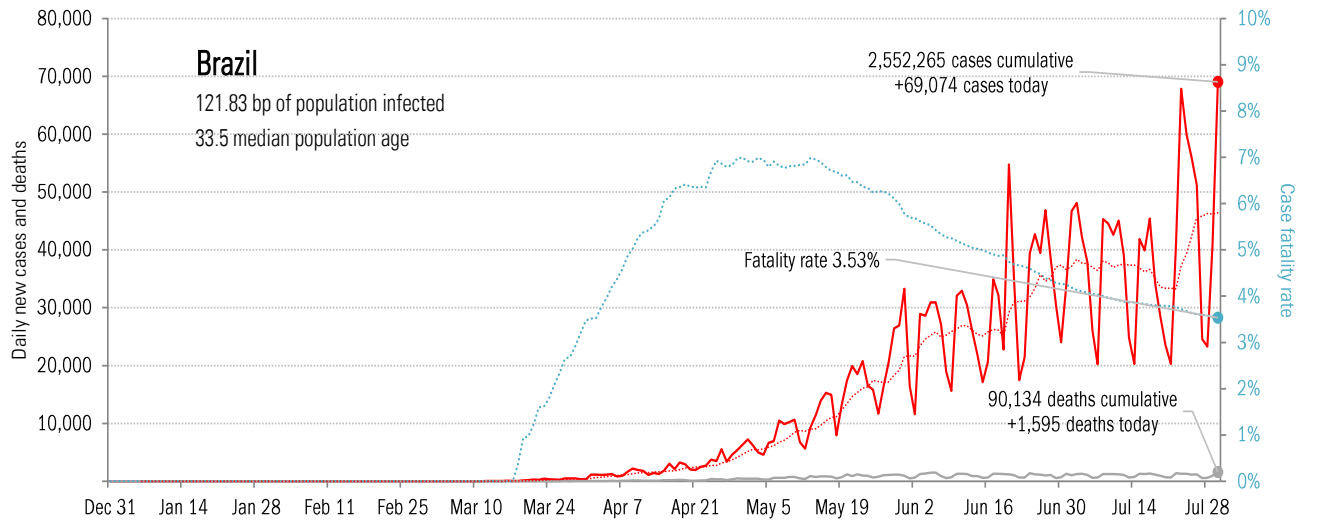
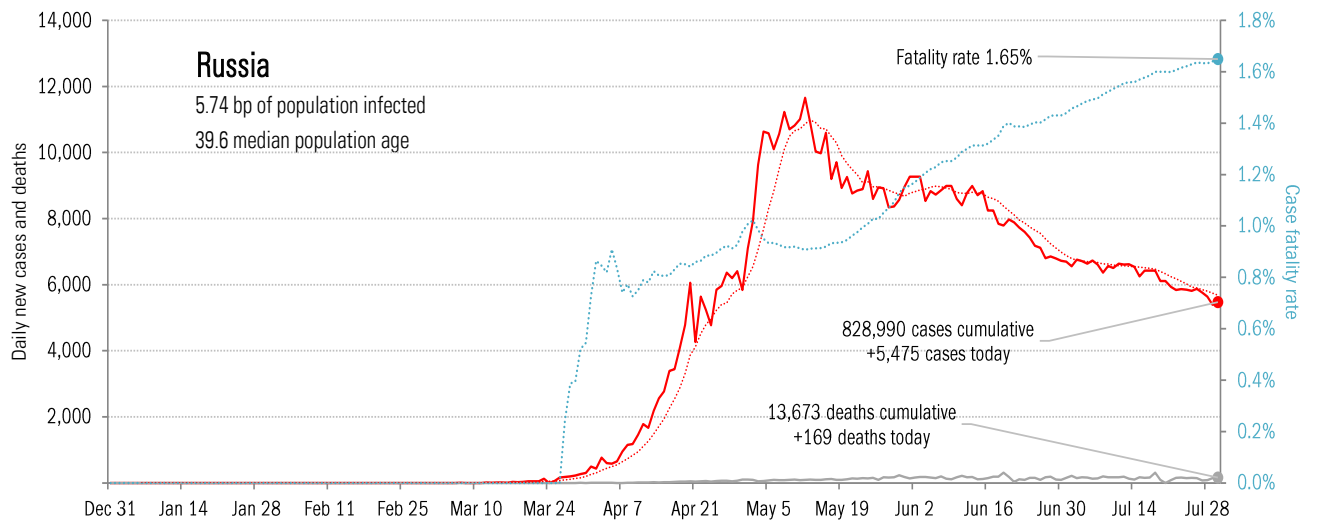
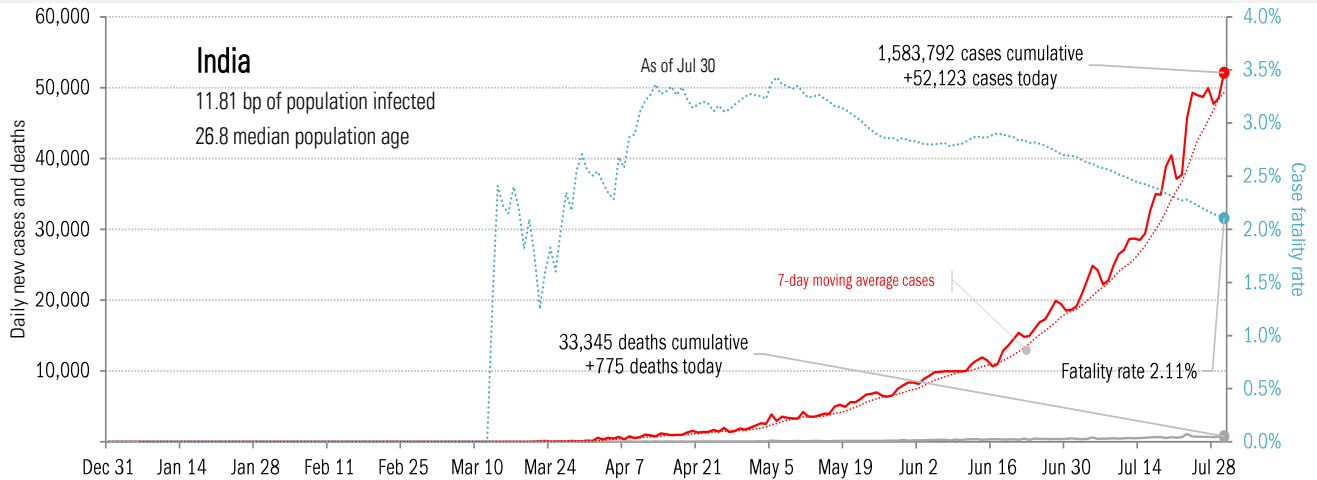
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



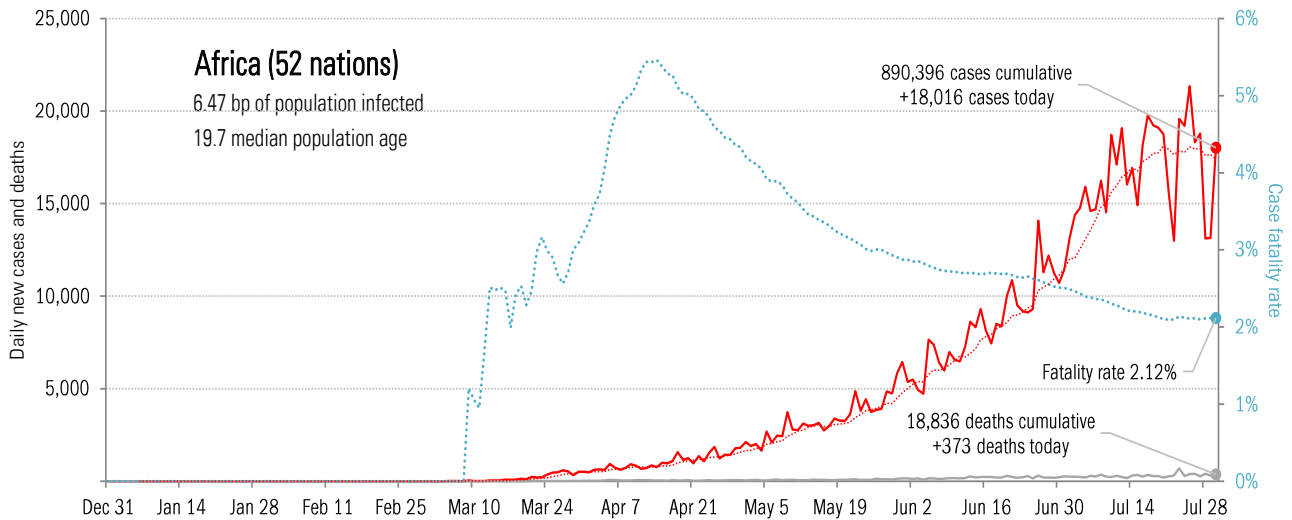
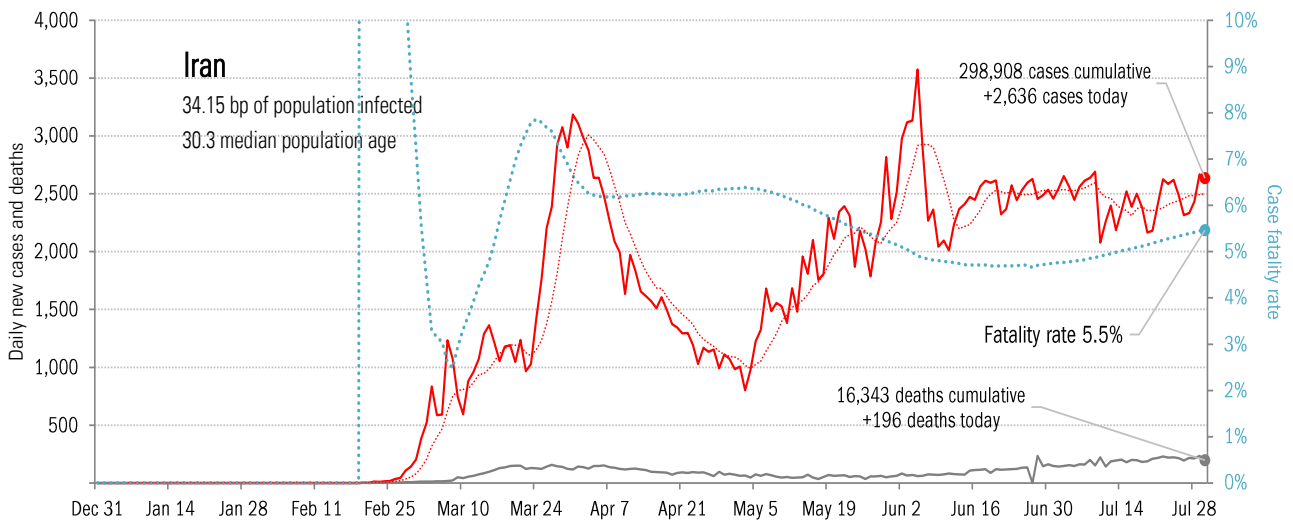
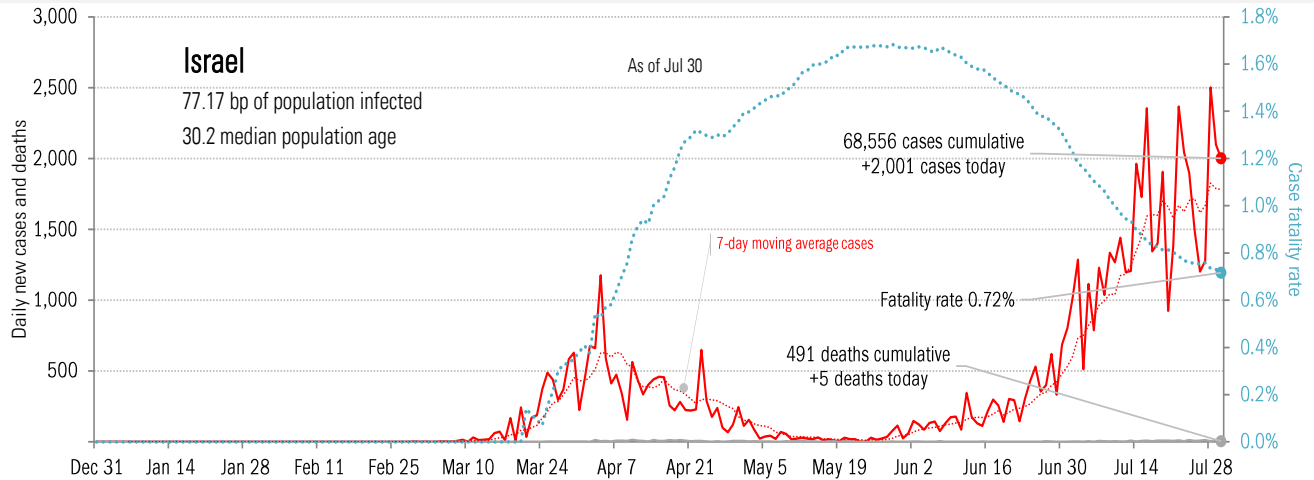
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations