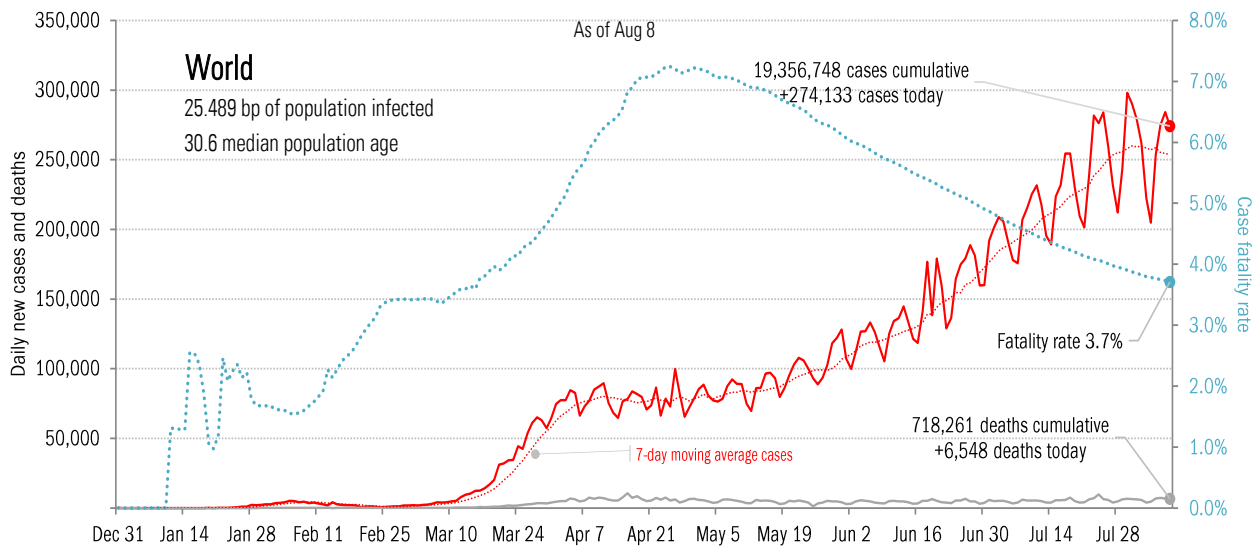
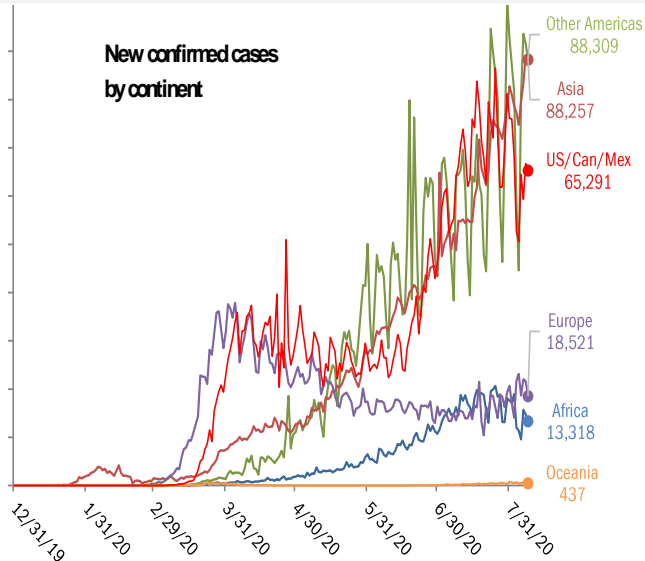


Data Insights: Covid-2019 Monitor

Saturday, August 8, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+61,537	US	+1,252
US	+58,150	Brazil	+1,079
Brazil	+50,230	India	+933
Colombia	+9,486	Mexico	+794
Peru	+8,466	Iran	+316
Argentina	+7,513	Colombia	+311
South_Africa	+7,292	South_Africa	+305
Mexico	+6,717	Peru	+225
Russia	+5,241	Argentina	+156
Iraq	+3,461	Russia	+119
+218,093		+5,490	
World	+274,133	World	+6,548
Top ten	80%	Top ten	84%



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

Donald Luskin: 312 273 6766 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

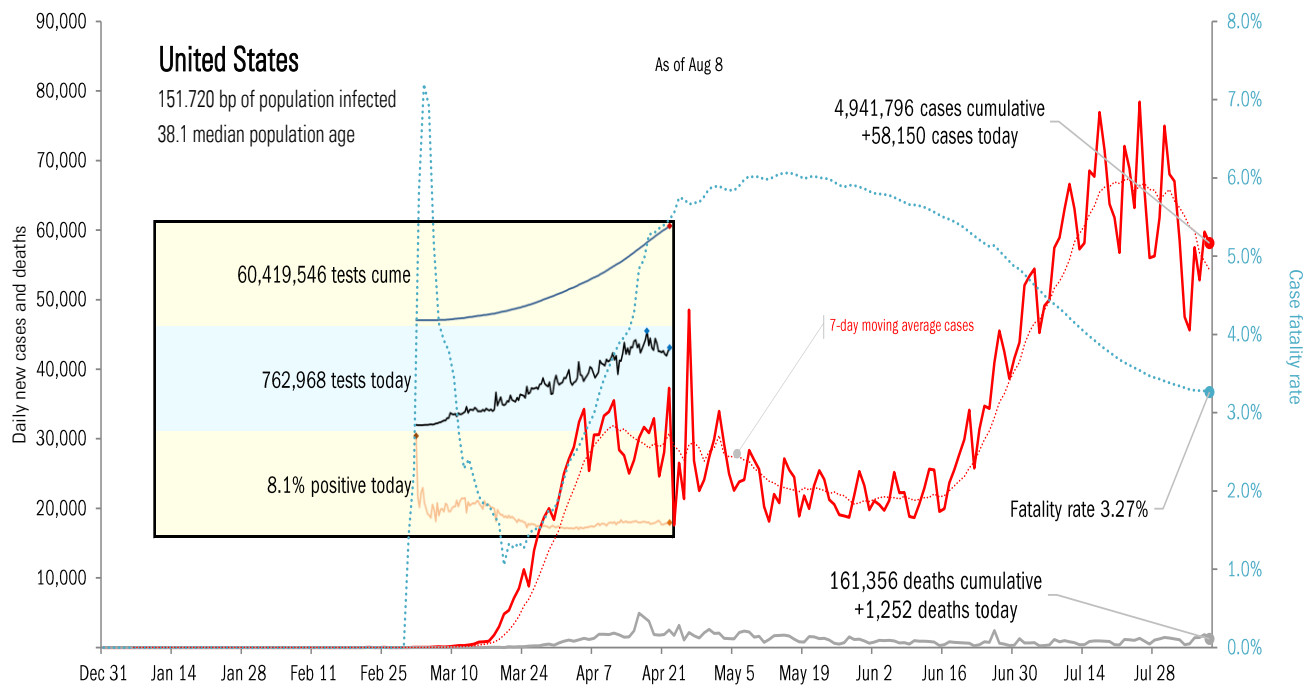
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
CA	+8,436	TX	+293	AZ	+5,173	CA	538,416	NY	25,190	NY	89,995
FL	+7,686	FL	+180	FL	+599	FL	518,075	NJ	15,860	FL	30,114
TX	+7,039	CA	+142	NJ	+384	TX	474,524	CA	10,011	NJ	21,949
GA	+4,109	GA	+91	SC	+354	NY	419,642	MA	8,709	GA	20,282
TN	+2,432	AZ	+79	GA	+280	GA	209,004	TX	8,096	AZ	19,241
IL	+2,103	LA	+61	AL	+224	IL	191,808	FL	8,051	VA	14,097
VA	+2,015	NC	+42	VA	+113	AZ	185,053	IL	7,822	MD	13,047
AL	+1,709	CH	+34	IN	+87	NJ	184,061	PA	7,297	MA	12,022
NC	+1,545	IL	+31	CH	+81	NC	132,812	MI	6,524	AL	11,537
LA	+1,500	WA	+29	TN	+81	LA	128,746	CT	4,441	CH	11,447
+38,574		+982		+7,376		2,982,141		102,001		243,731	
All states	+61,520	All states	+1,333	All states	+8,036	All states	4,913,663	All states	152,816	All states	330,424
Top ten	63%	Top ten	74%	Top ten	92%	Top ten	61%	Top ten	67%	Top ten	74%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-559	SC	-30	CT	-113	TX	+7,864
NC	-434	CA	-24	CH	-54	SC	+4,939
MN	-316	PA	-23	VA	-45	TN	+1,799
AL	-229	TN	-22	IN	-32	PA	+1,749
IA	-198	MA	-14	NE	-30	CH	+1,363



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

Recommended reading

[School Closures Damage the Youngest Children](#)

Christine K. VanDeVelde
Wall Street Journal
August 7, 2020

[Private Schools in Chicago Fielding Wave of Calls After CPS Goes With Remote Learning Plan](#)

NBC5 Chicago
August 6, 2020

[How bad is covid really? \(A Swedish doctor's perspective\)](#)

Sebastian Rushworth
Sebastian Rushworth, M.D.
August 4, 2020

[Coronavirus: British workers lag behind Europeans in returning to the office](#)

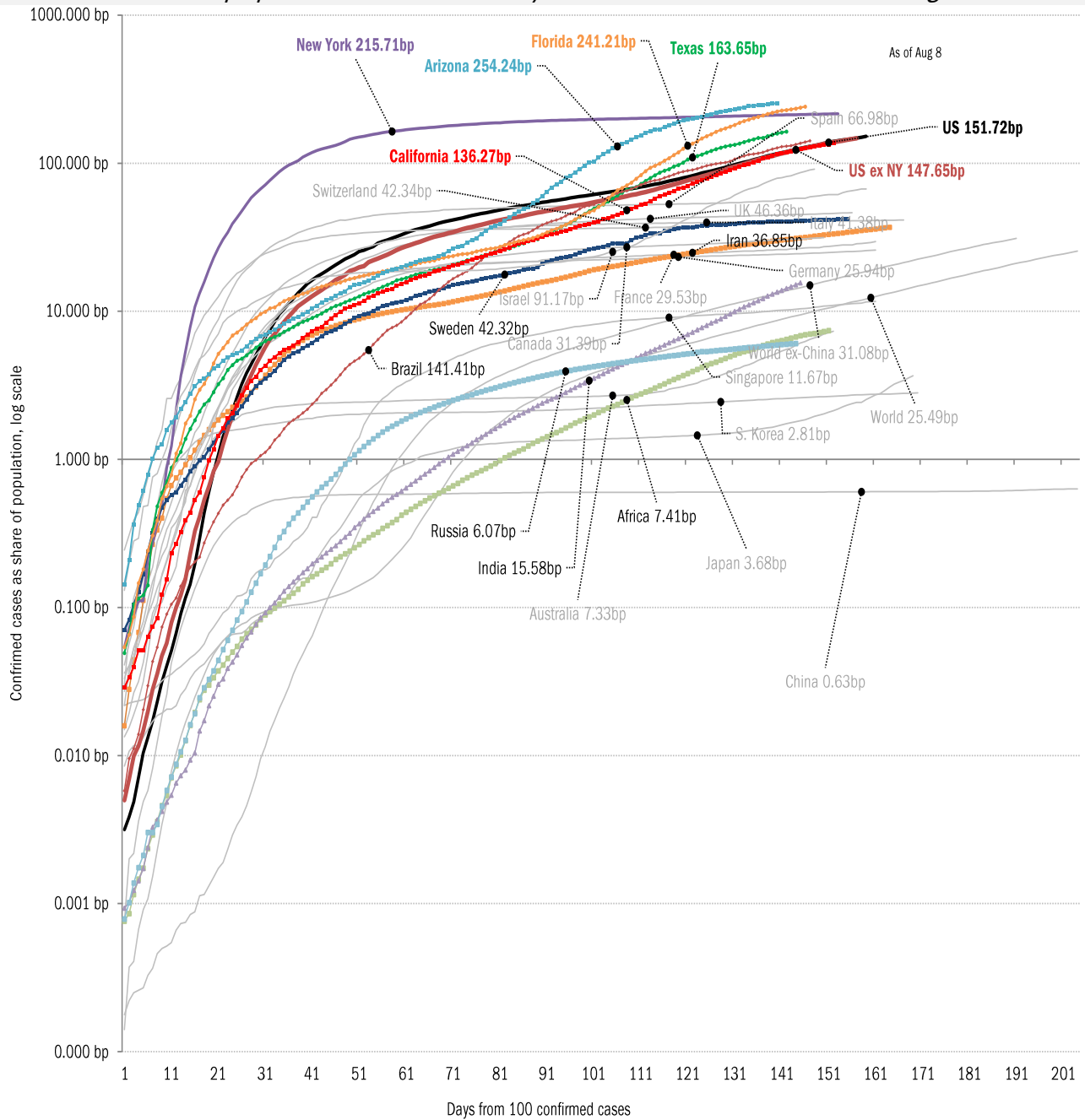
Andrew Ellson
The Times
August 6, 2020

Meme of day



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

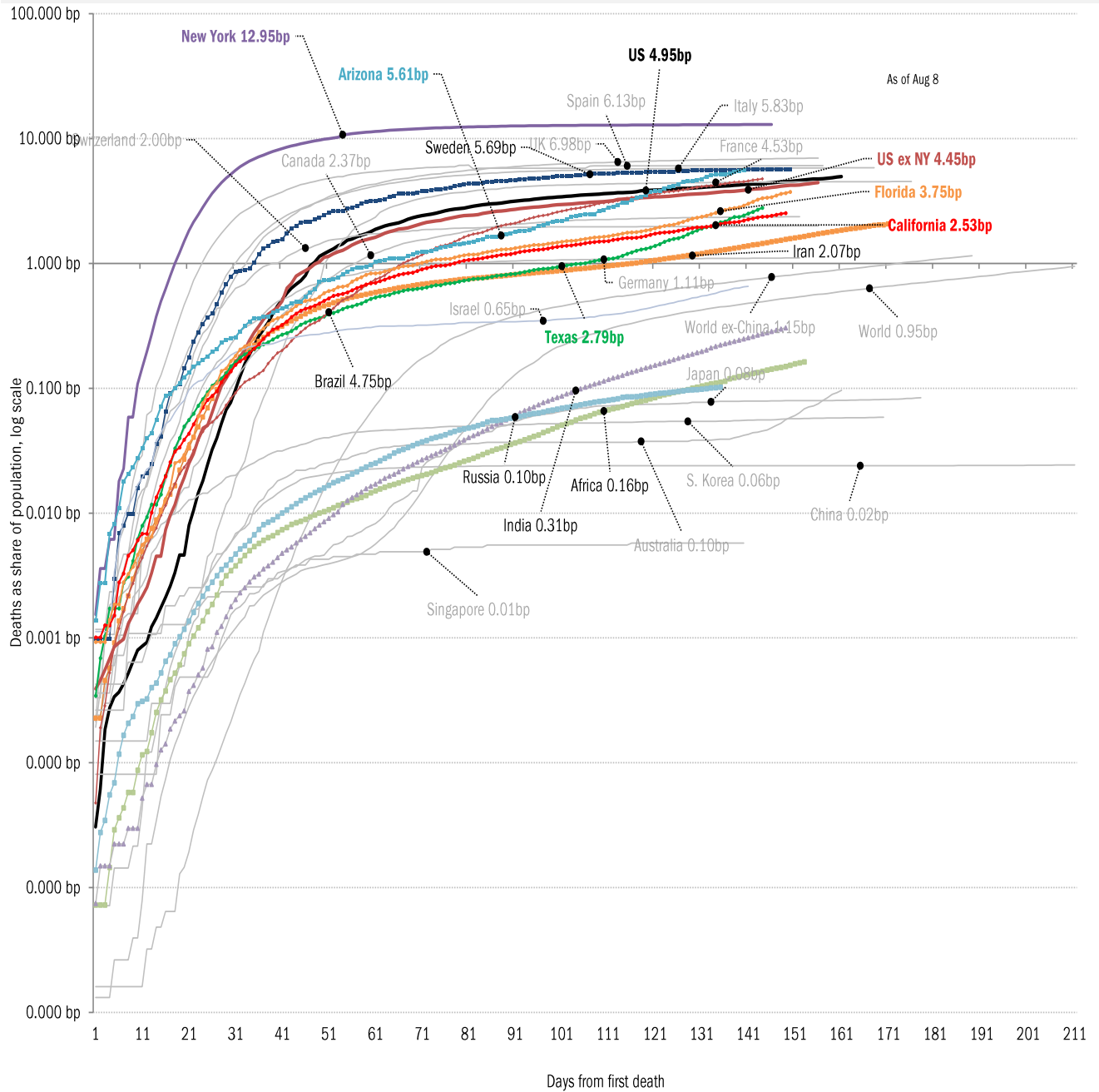
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

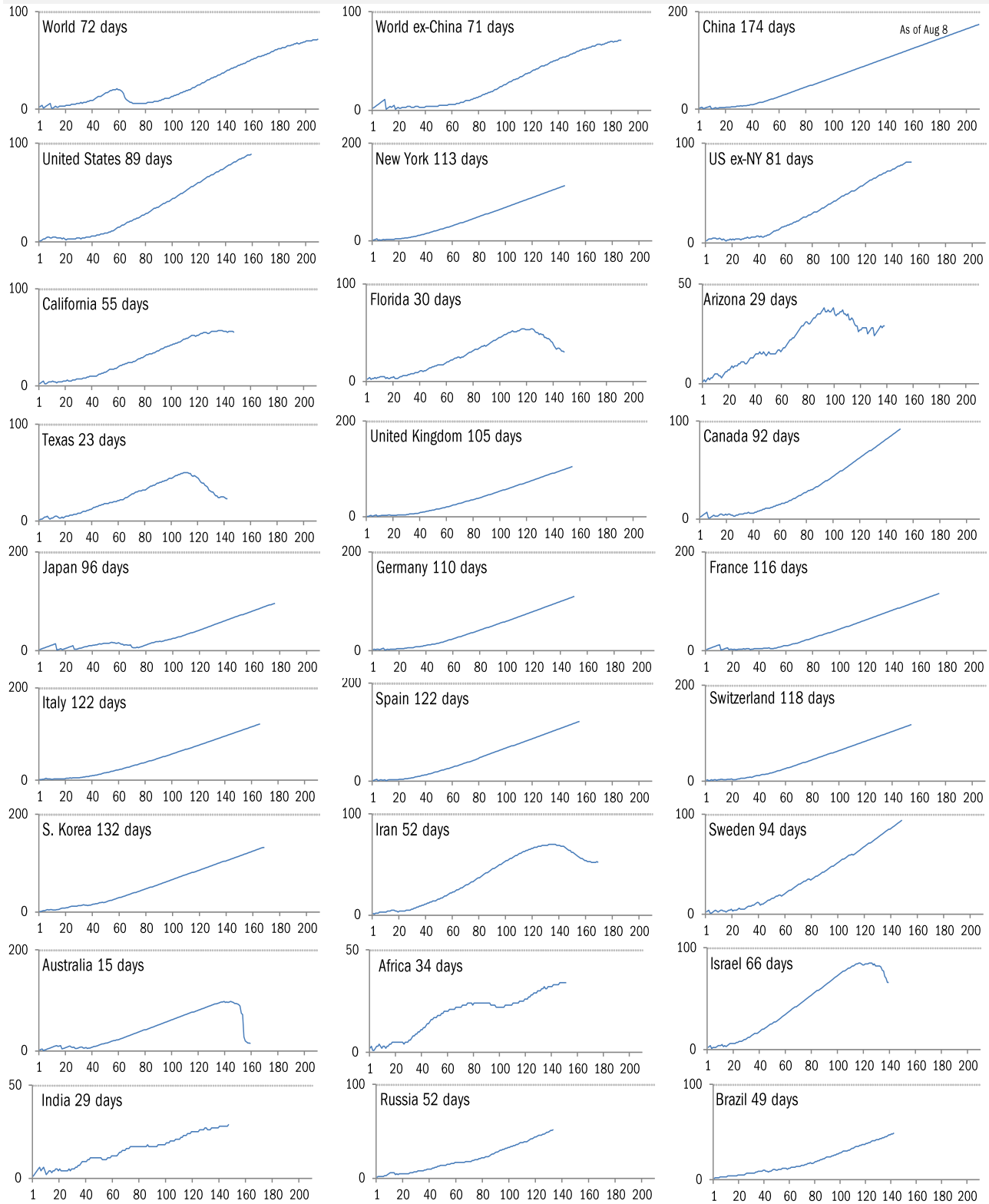
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

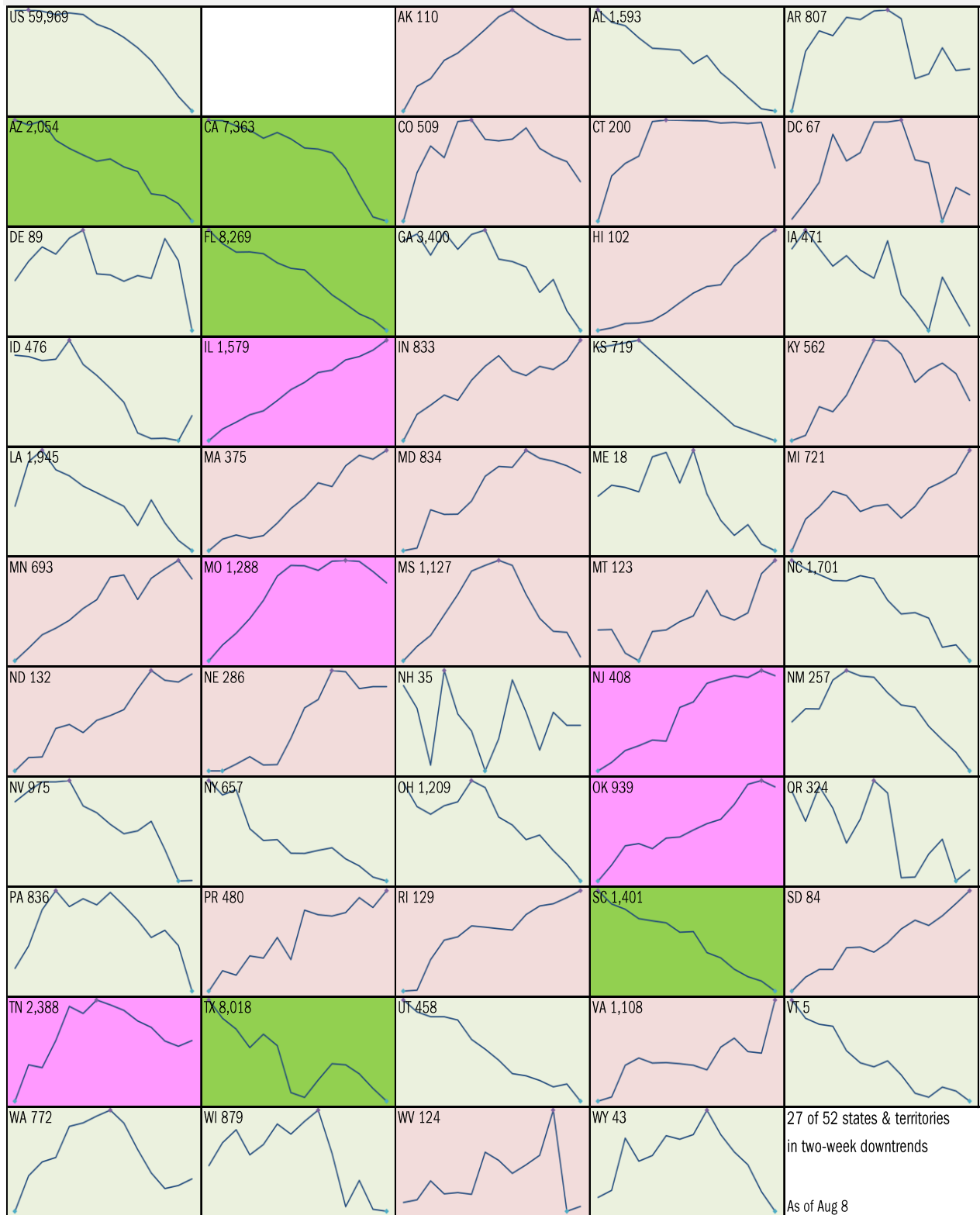
Our most reliable evidence of slowing exponential growth of Covid-2019

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

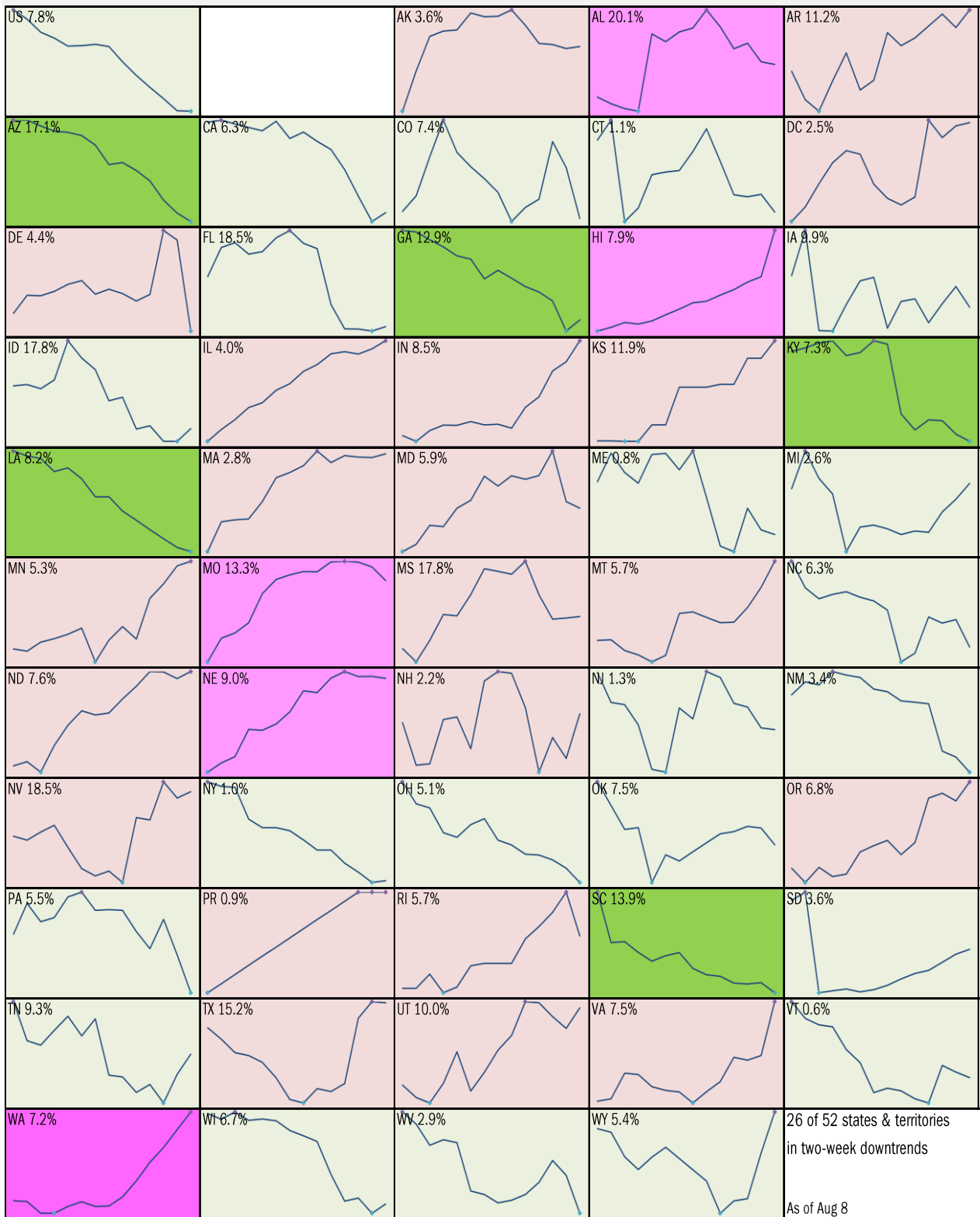


Source: [Covid Tracking Project](#), TrendMacro calculations

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



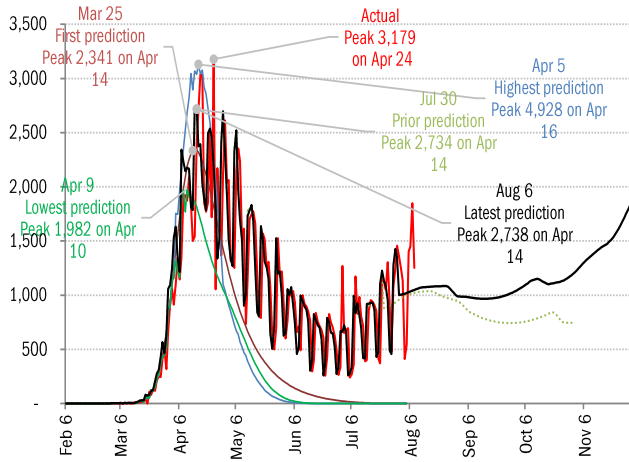
Source: [Covid Tracking Project](#), TrendMacro calculations

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

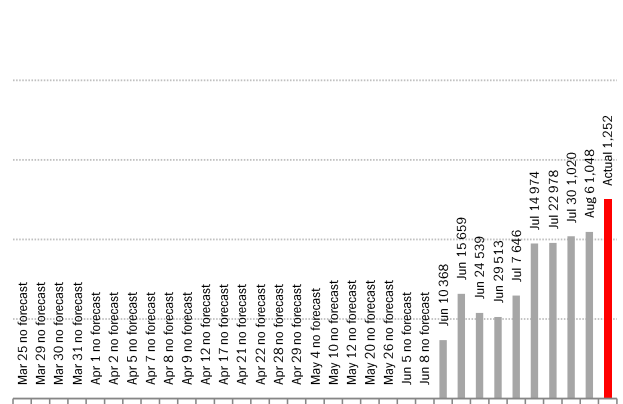
New daily fatalities

As of Aug 8

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

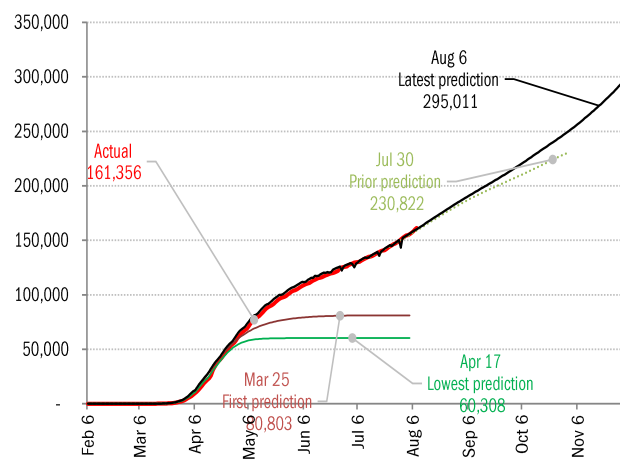


For this day, versus all model mean predictions

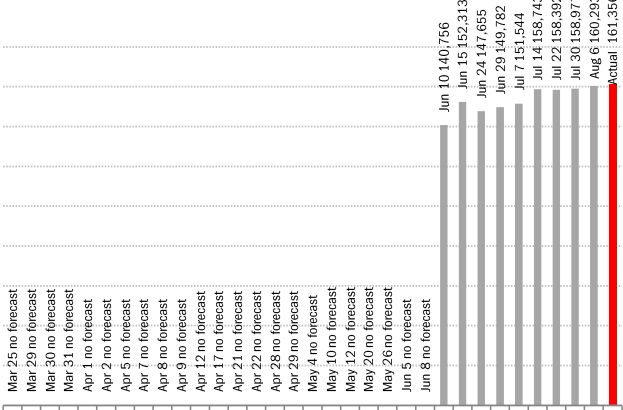


Cumulative fatalities

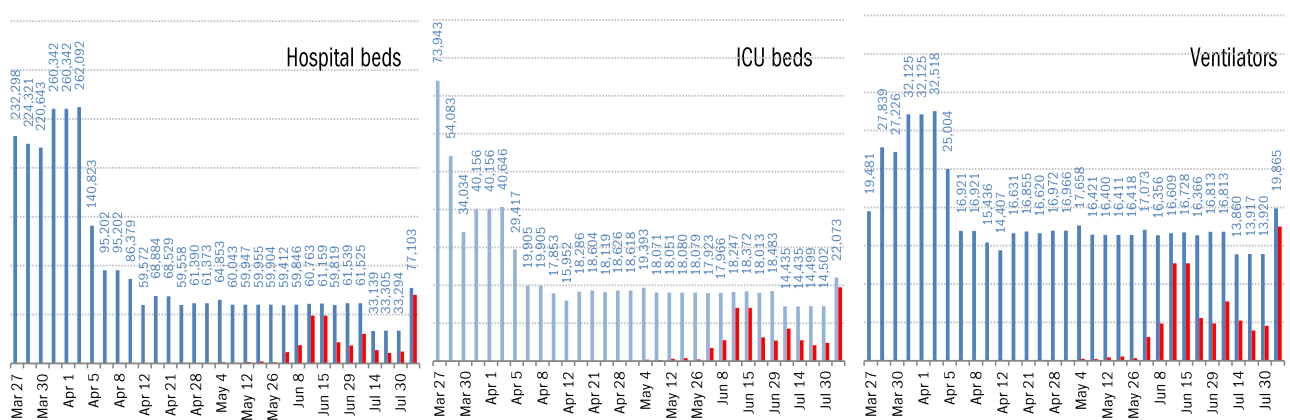
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

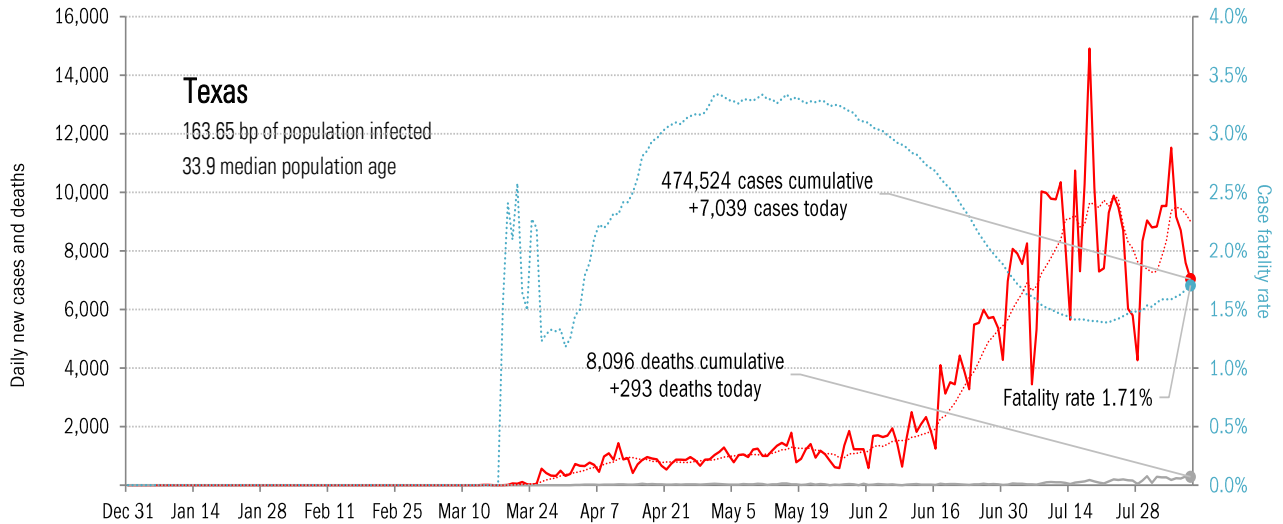
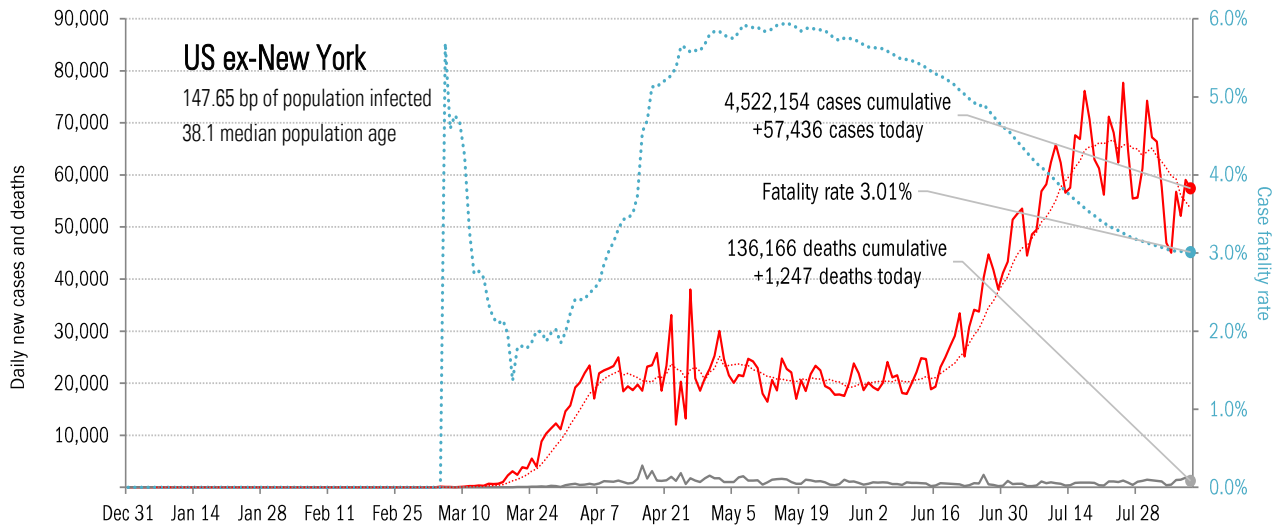
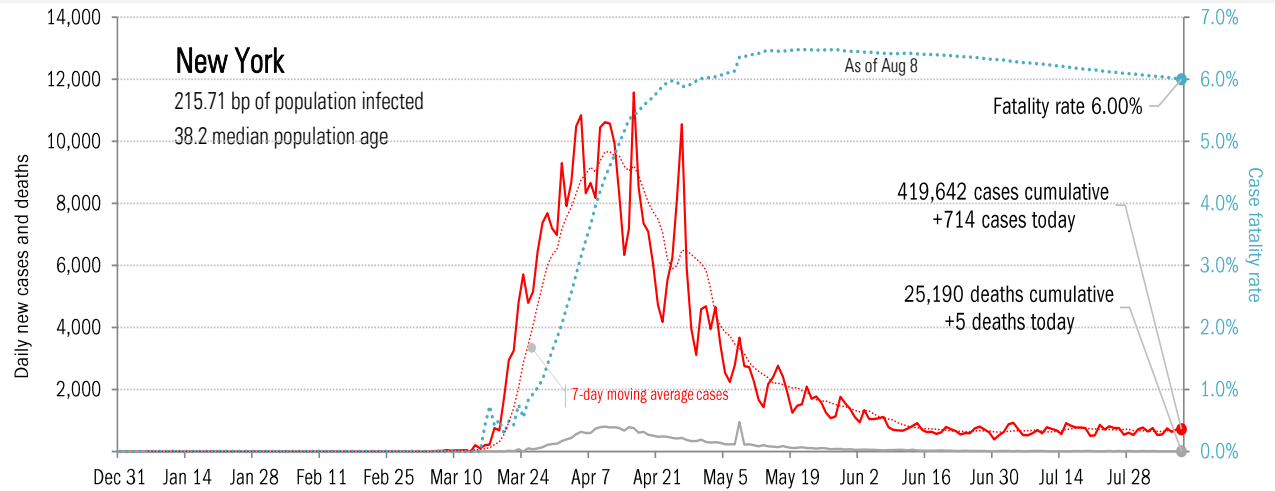


Healthcare system stress, **peak** and **ultimate** estimated at each model revision



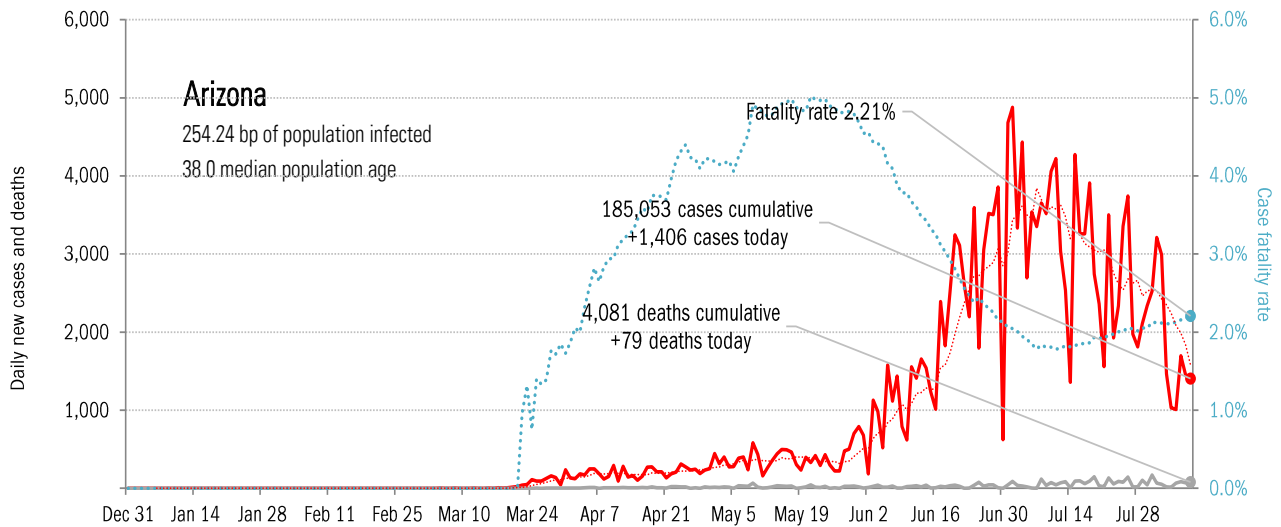
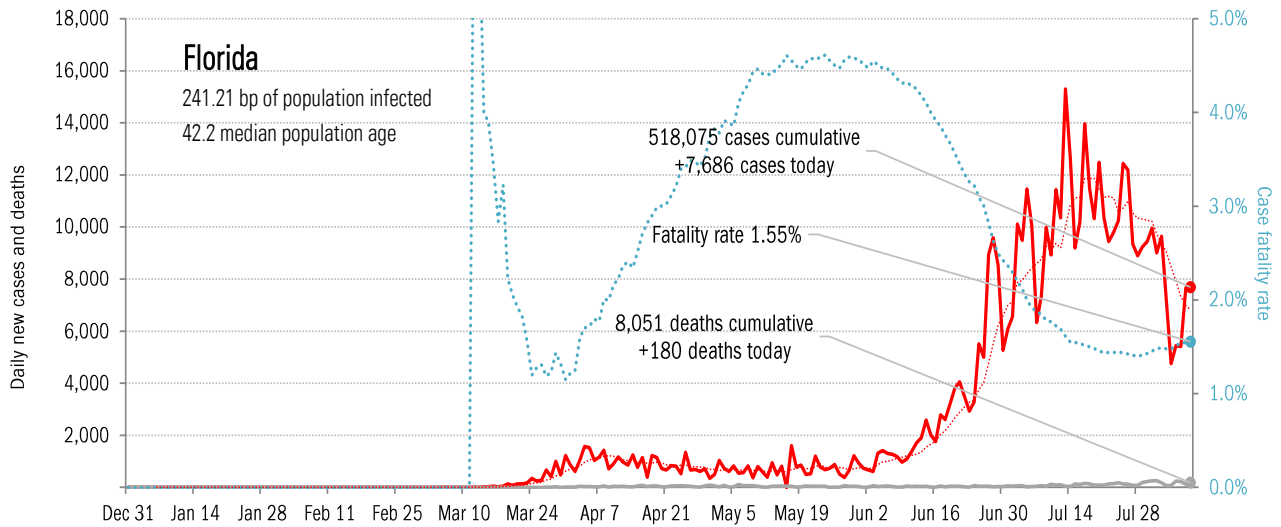
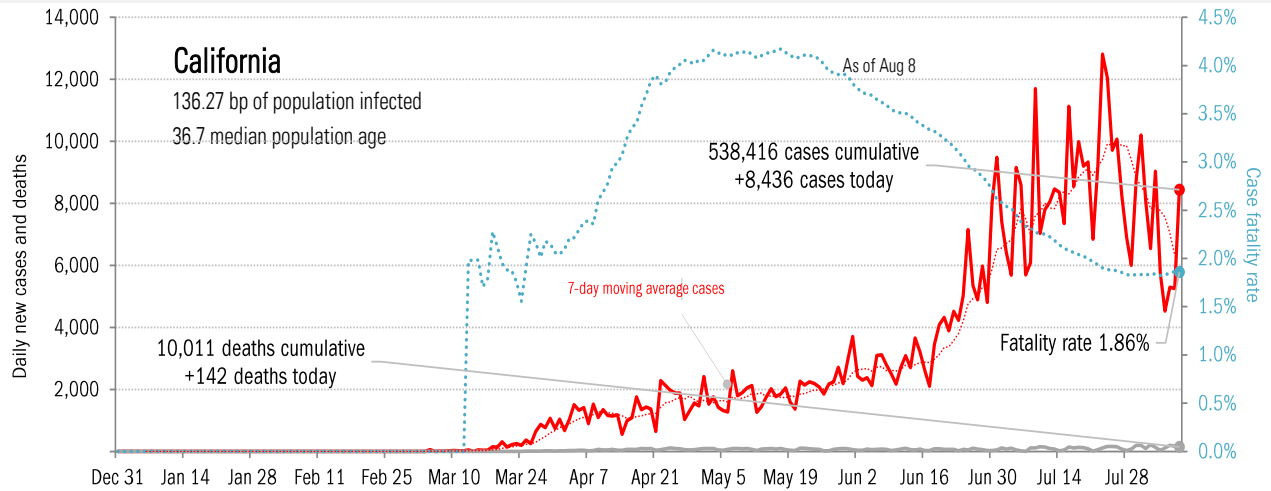
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



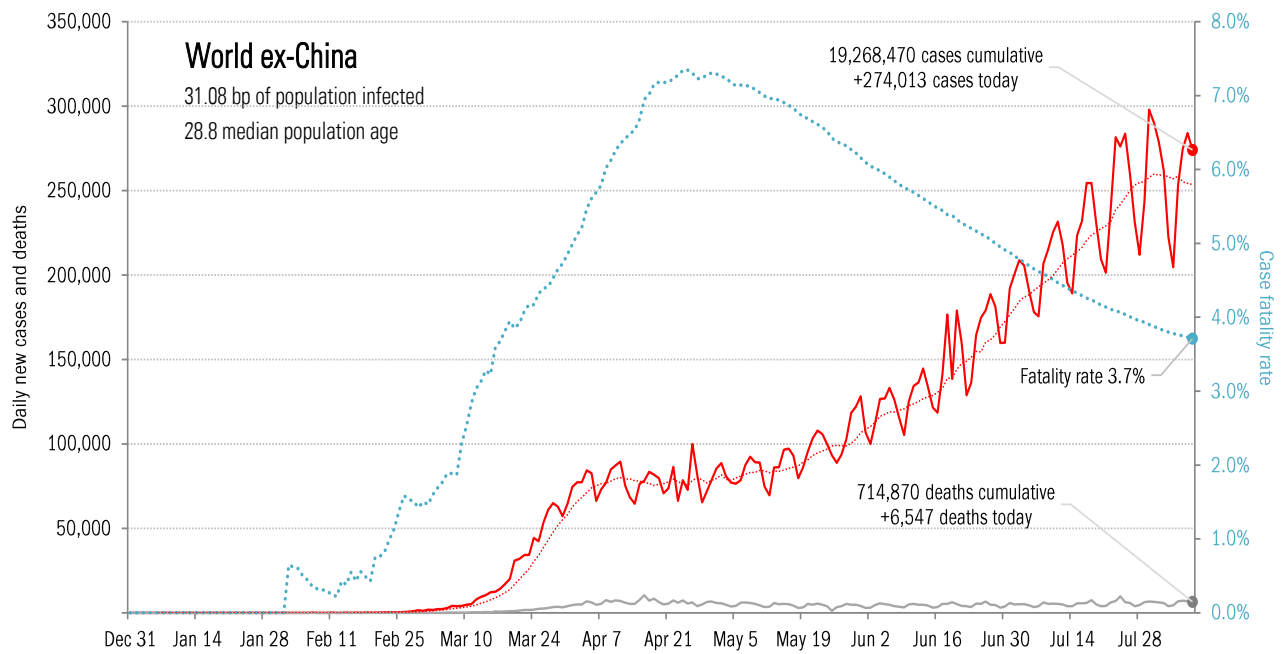
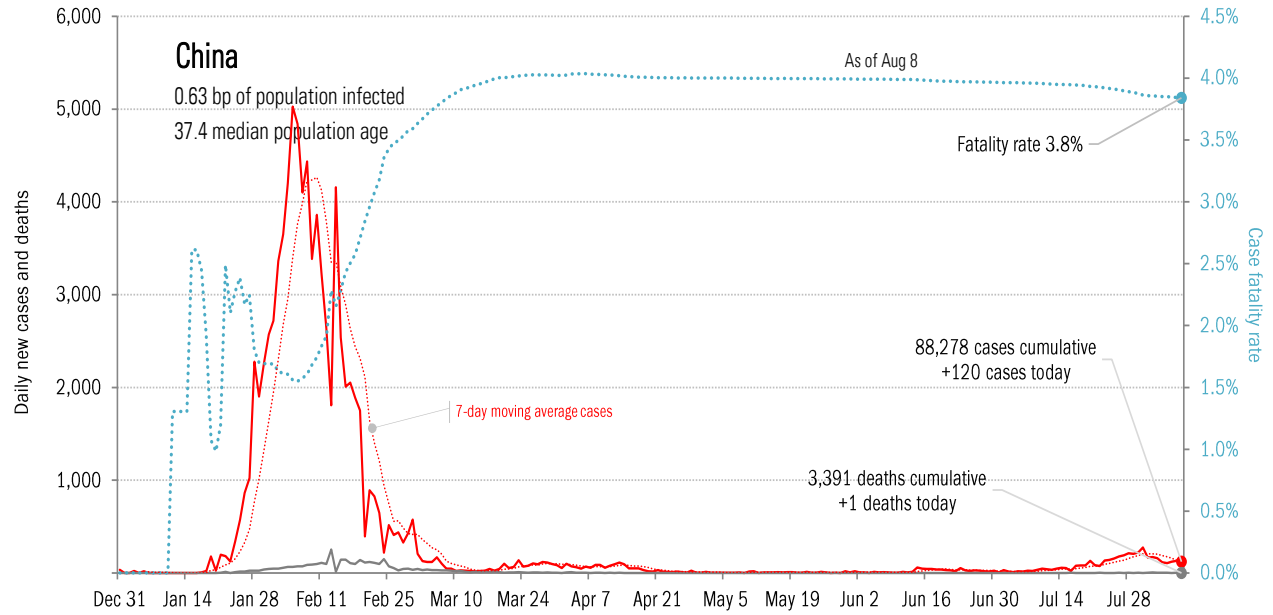
Source: [ECDC](#), TrendMacro calculations

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



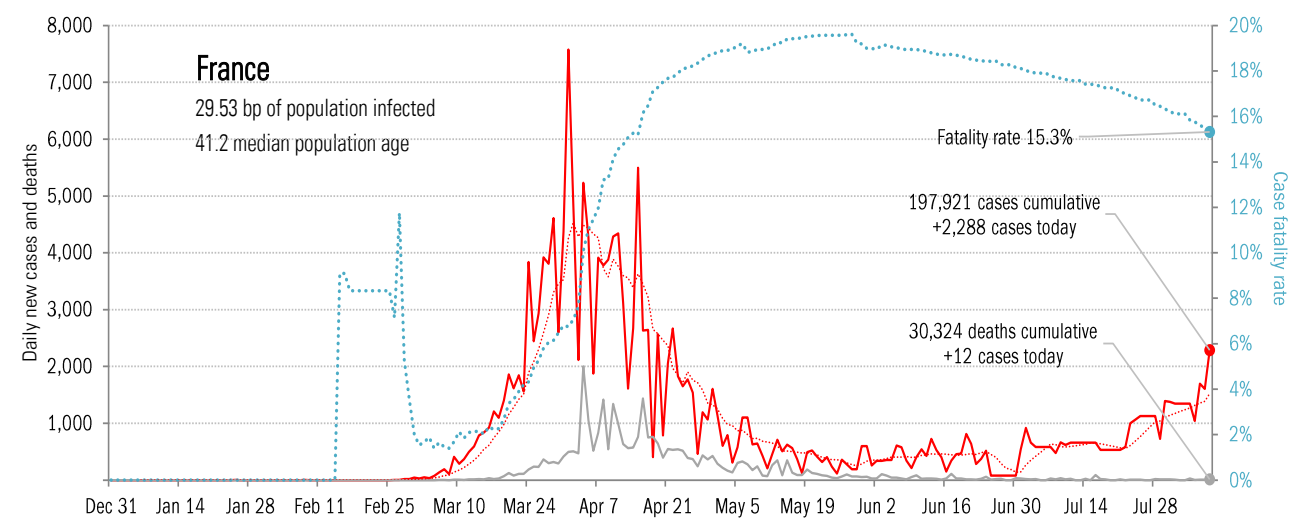
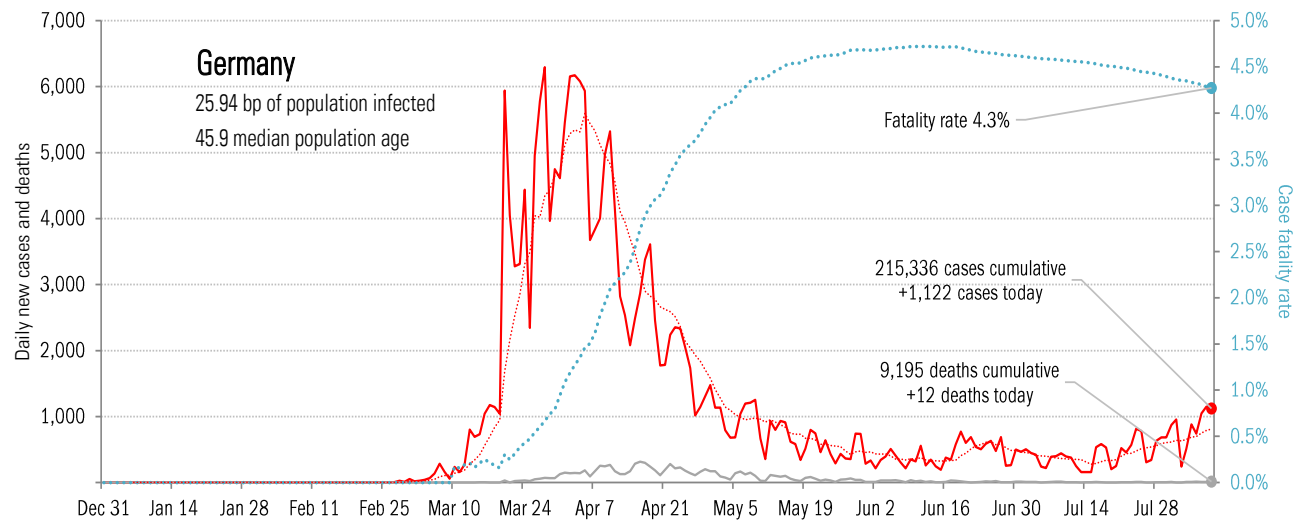
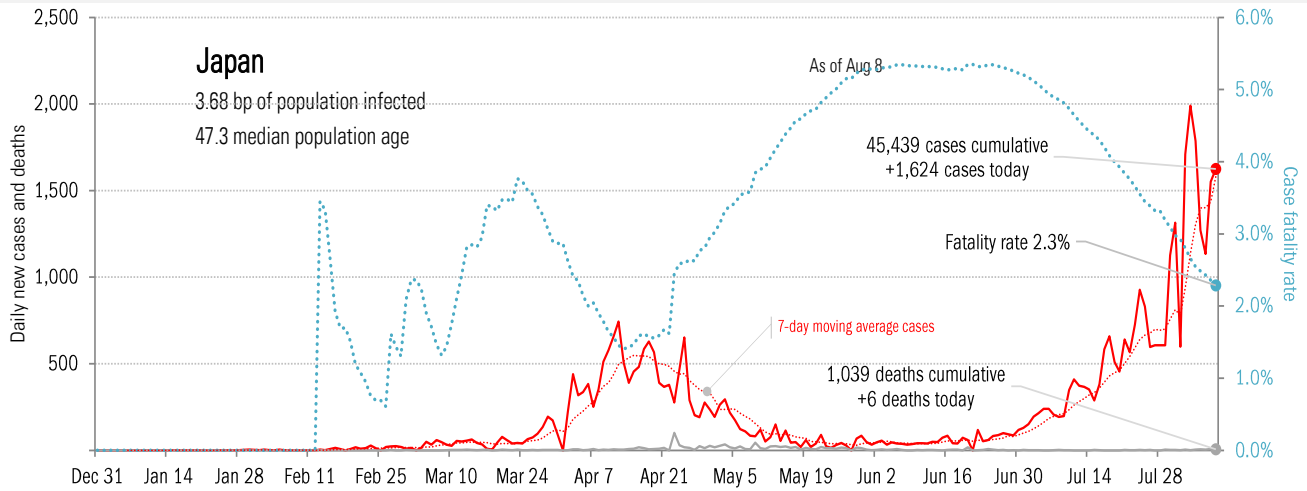
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



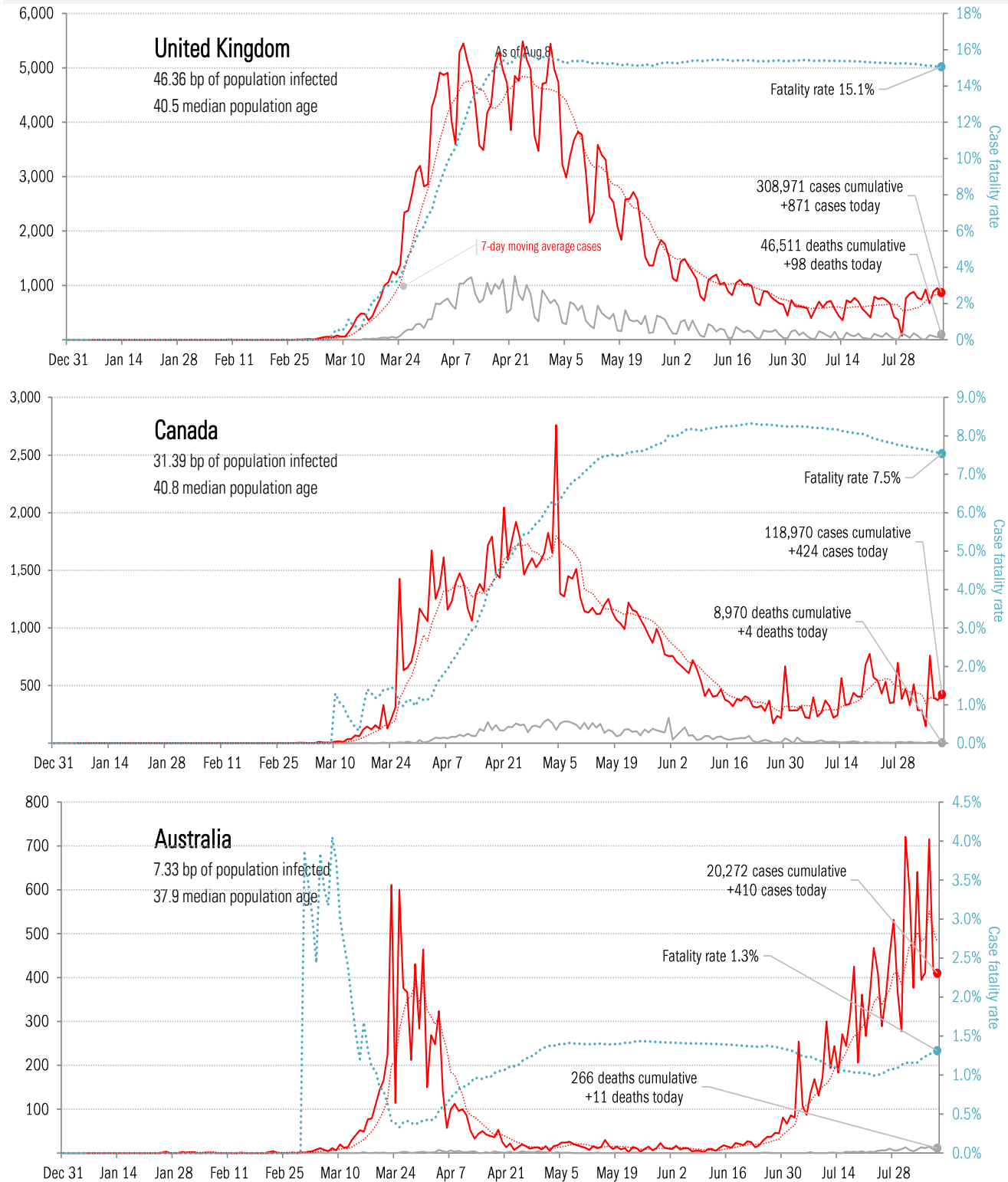
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



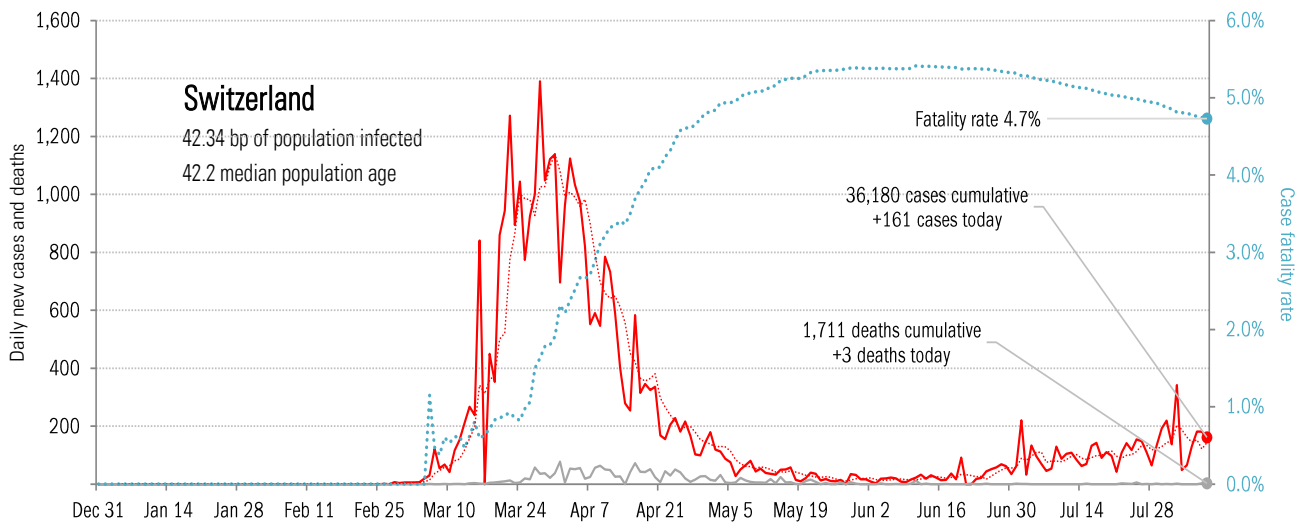
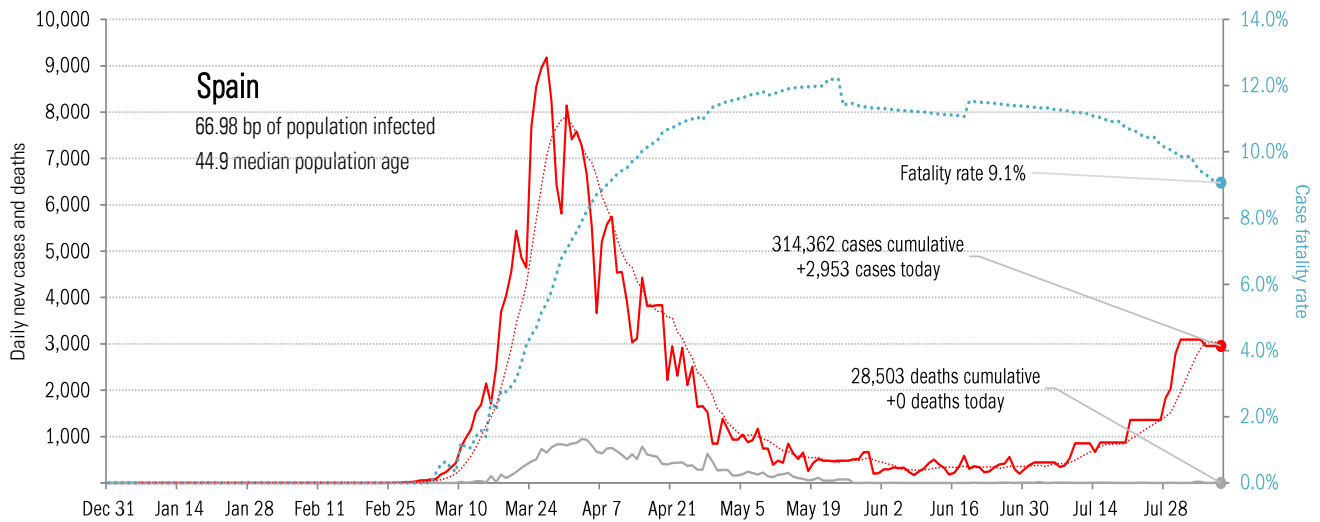
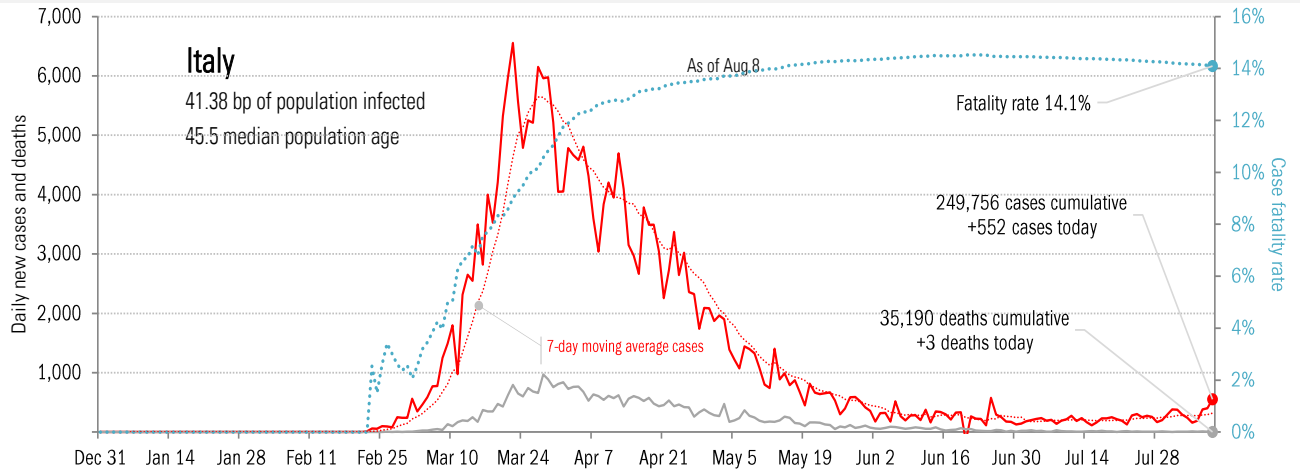
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



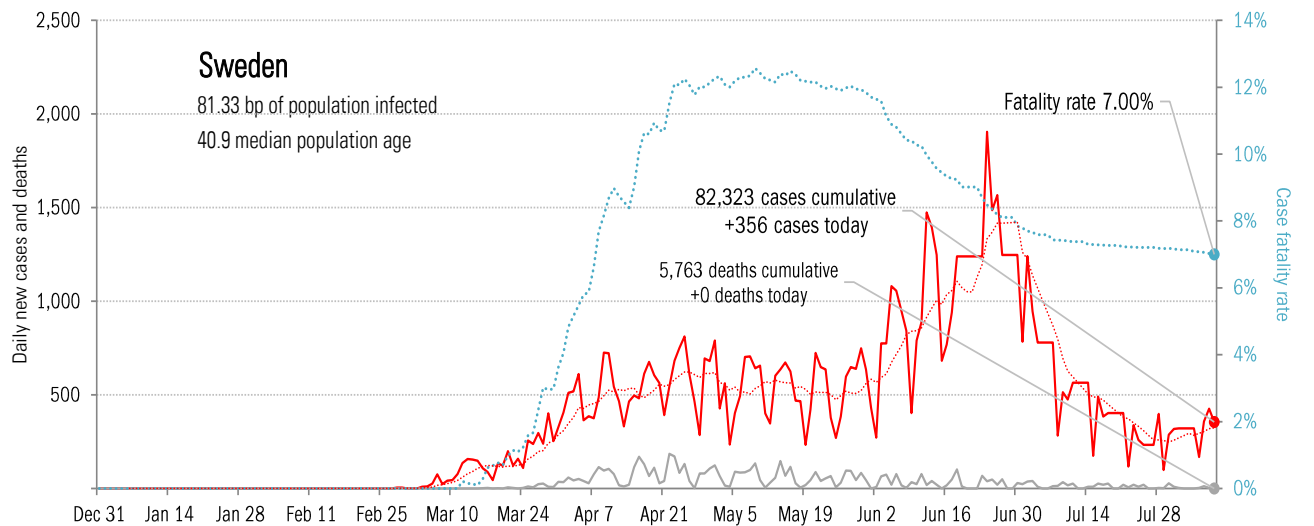
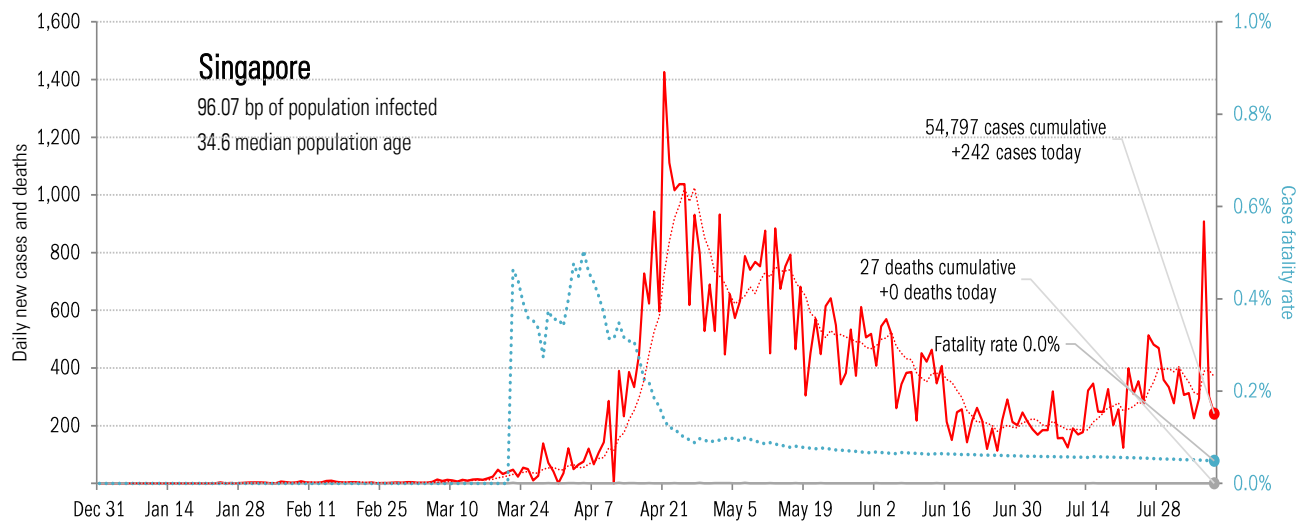
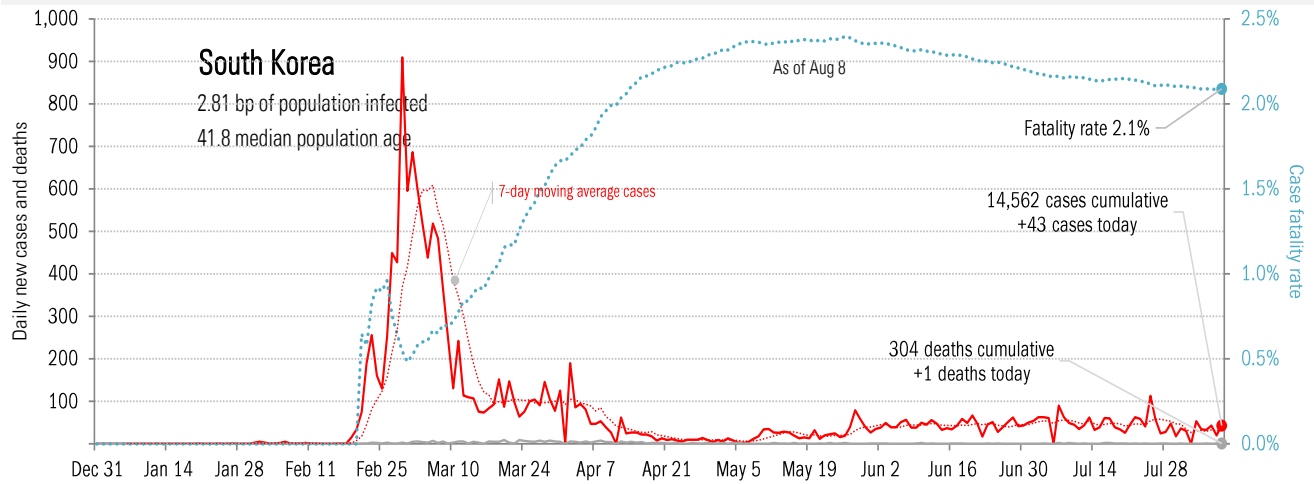
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



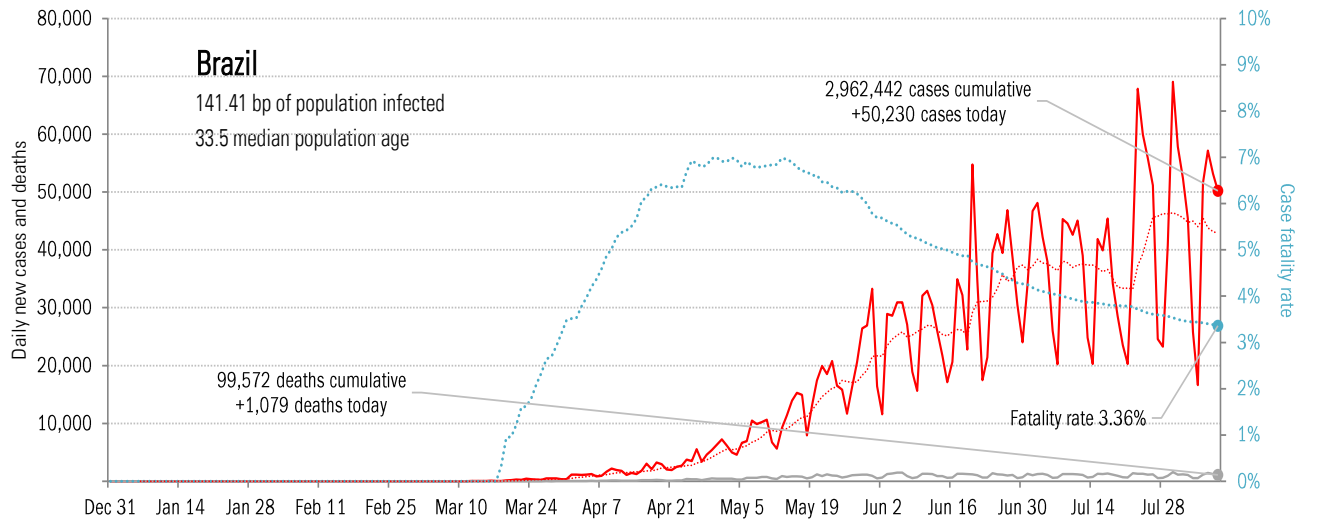
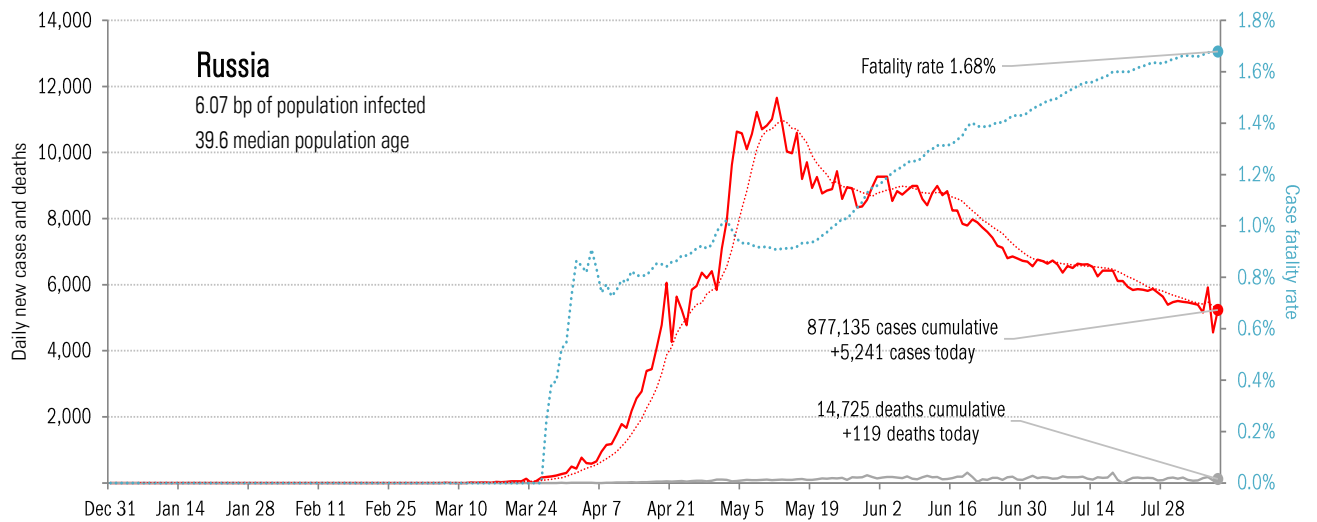
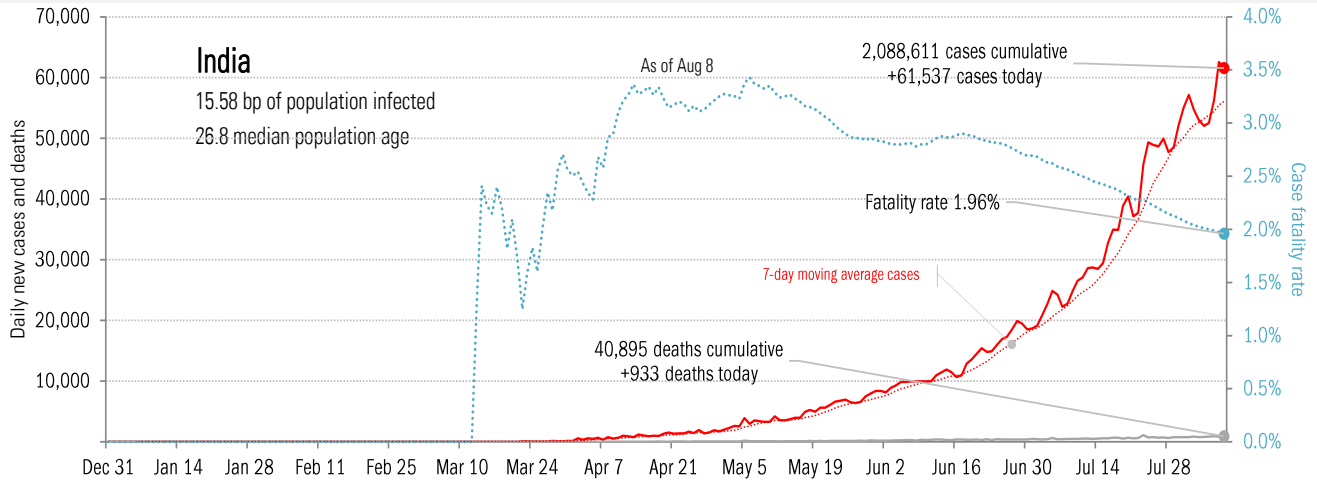
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



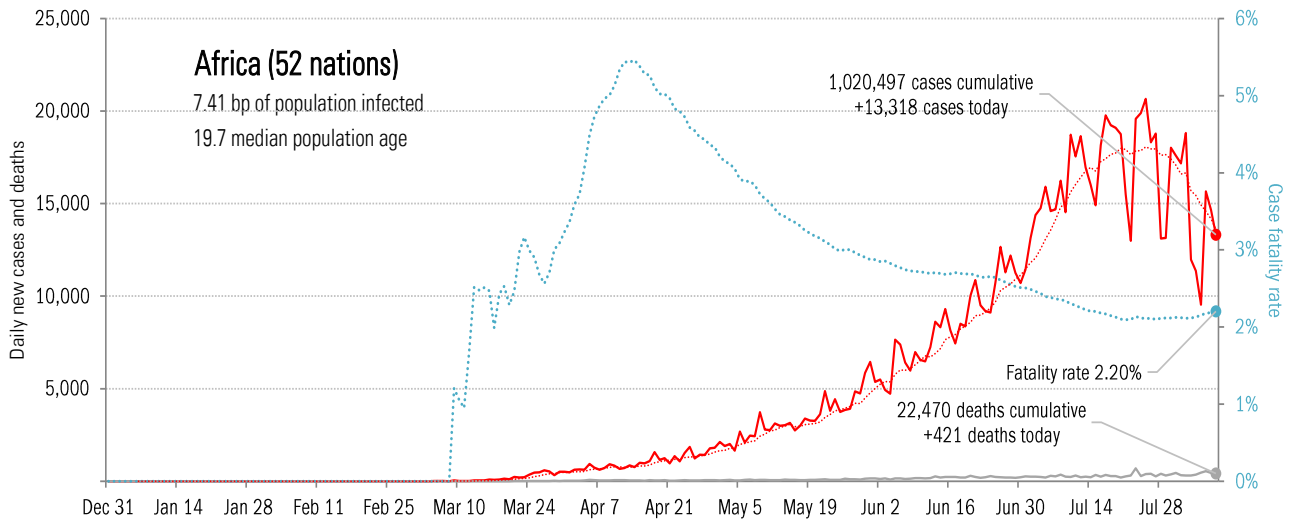
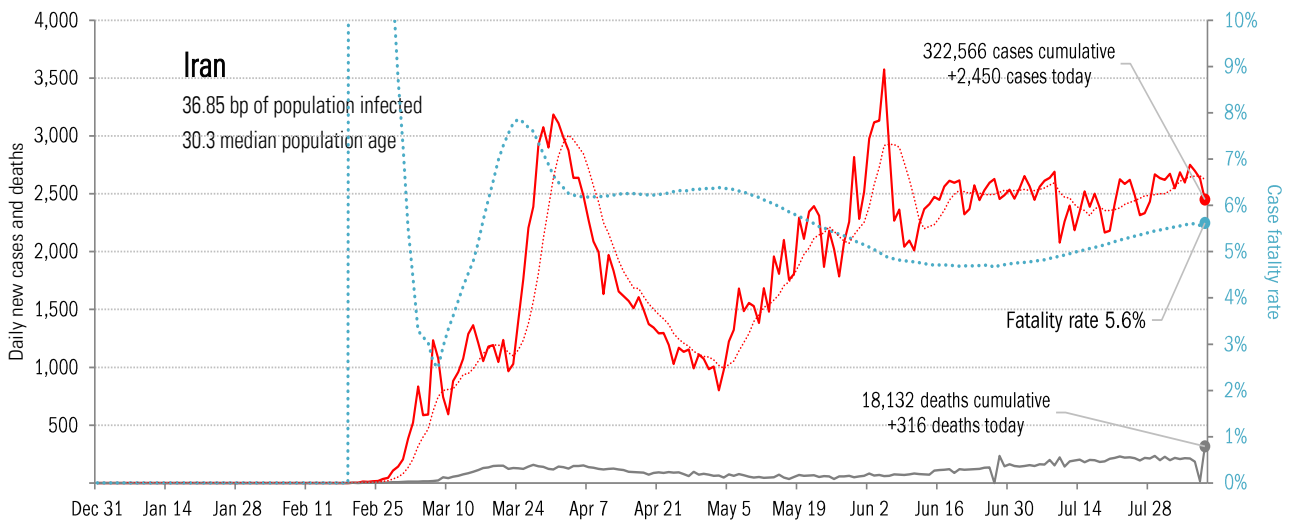
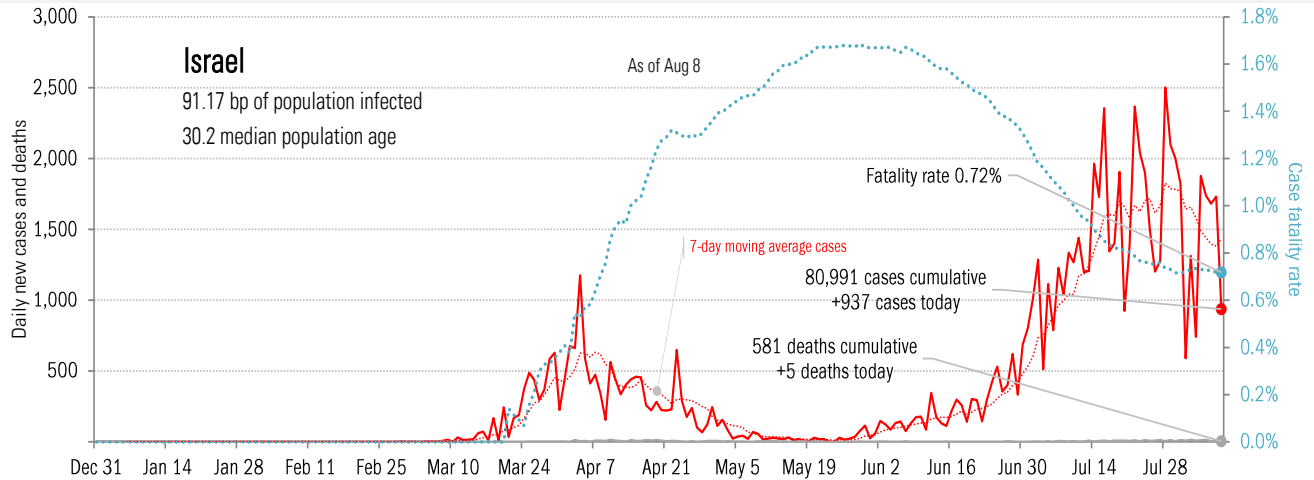
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations