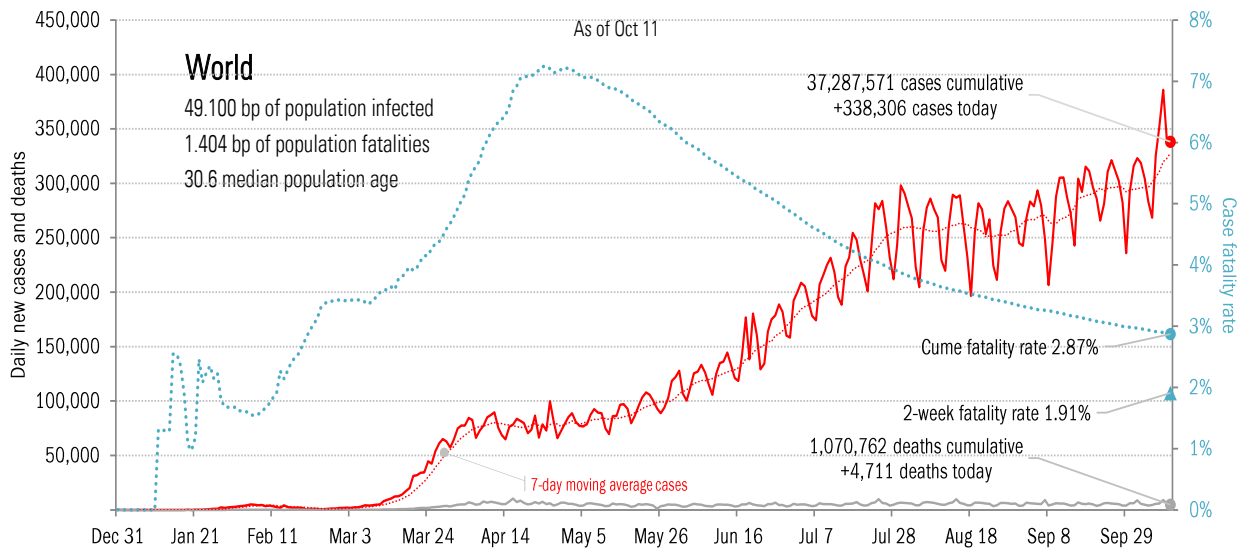
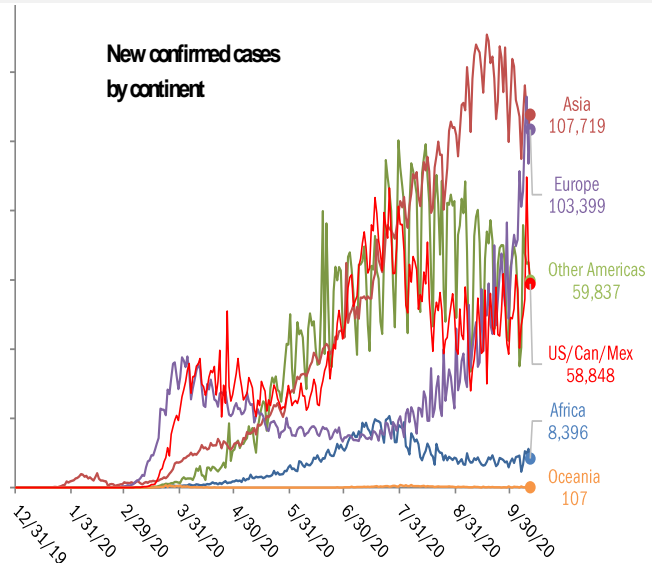


Data Insights: Covid-2019 Monitor

Sunday, October 11, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+74,383	India	+918
US	+54,271	US	+590
France	+26,896	Brazil	+559
Brazil	+26,749	Argentina	+356
UK	+15,165	Russia	+197
Russia	+12,846	Ukraine	+197
Spain	+12,788	Iran	+195
Argentina	+12,428	Colombia	+165
Ukraine	+11,532	Mexico	+135
Colombia	+8,447	South_Africa	+126
+255,505		+3,438	
World	+338,306	World	+4,711
Top ten	76%	Top ten	73%



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

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The US scorecard

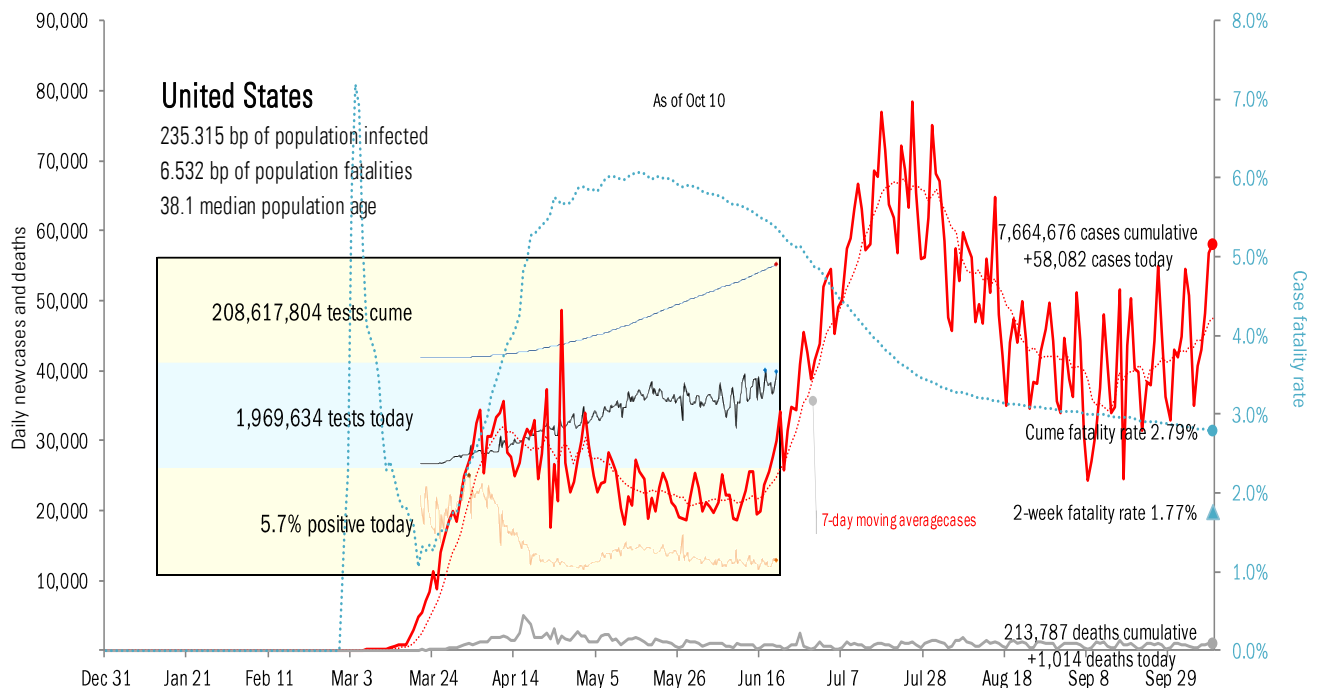
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
TX	+4,036	MO	+136	IN	+77	CA	838,606	NY	25,561	TX	3,593
CA	+3,806	FL	+118	KS	+76	TX	785,830	TX	16,432	CA	3,186
WI	+3,164	TX	+98	AL	+62	FL	728,921	CA	16,428	FL	2,143
IL	+3,117	CA	+67	IL	+57	NY	471,696	NJ	16,164	IL	1,812
FL	+2,908	GA	+54	OK	+52	GA	329,032	FL	15,372	GA	1,717
NC	+2,034	KS	+40	PA	+47	IL	316,556	MA	9,577	MO	1,303
MO	+2,008	IL	+32	PR	+39	NC	227,431	IL	9,191	IN	1,187
KS	+1,855	TN	+27	TN	+37	AZ	224,084	PA	8,308	TN	1,186
CH	+1,840	LA	+26	TX	+37	NJ	212,013	GA	7,348	NC	1,065
IN	+1,816	NC	+25	SC	+32	TN	211,003	MI	7,200	VA	963
+26,584		+623		+516		4,345,172		131,581		18,155	
All states	+57,542	All states	+904	All states	+517	All states	7,623,648	All states	205,470	All states	34,839
Top ten	46%	Top ten	69%	Top ten	100%	Top ten	57%	Top ten	64%	Top ten	52%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
AR	-1,265	CA	-66	MO	-1,385	KS	+4
VA	-730	FL	-52	MI	-175	UT	+4
TN	-436	TN	-36	ND	-110	AL	+2
NJ	-433	AR	-21	MN	-76	AK	+0
FL	-398	AL	-20	AZ	-69	AR	+0



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

Recommended reading

[OK yesterday, but why is 'Great Barrington Declaration' now not being found in \[UK\] Google search ?](#)

NNPP

Google Support

October 9, 2020

[Crimes against Humanity](#)

Reiner Fuellmich

October 3, 2020

[Reddit's Censorship of The Great Barrington Declaration](#)

Ethan Yang

American Institute for Economic Research

October 8, 2020

Meme of day

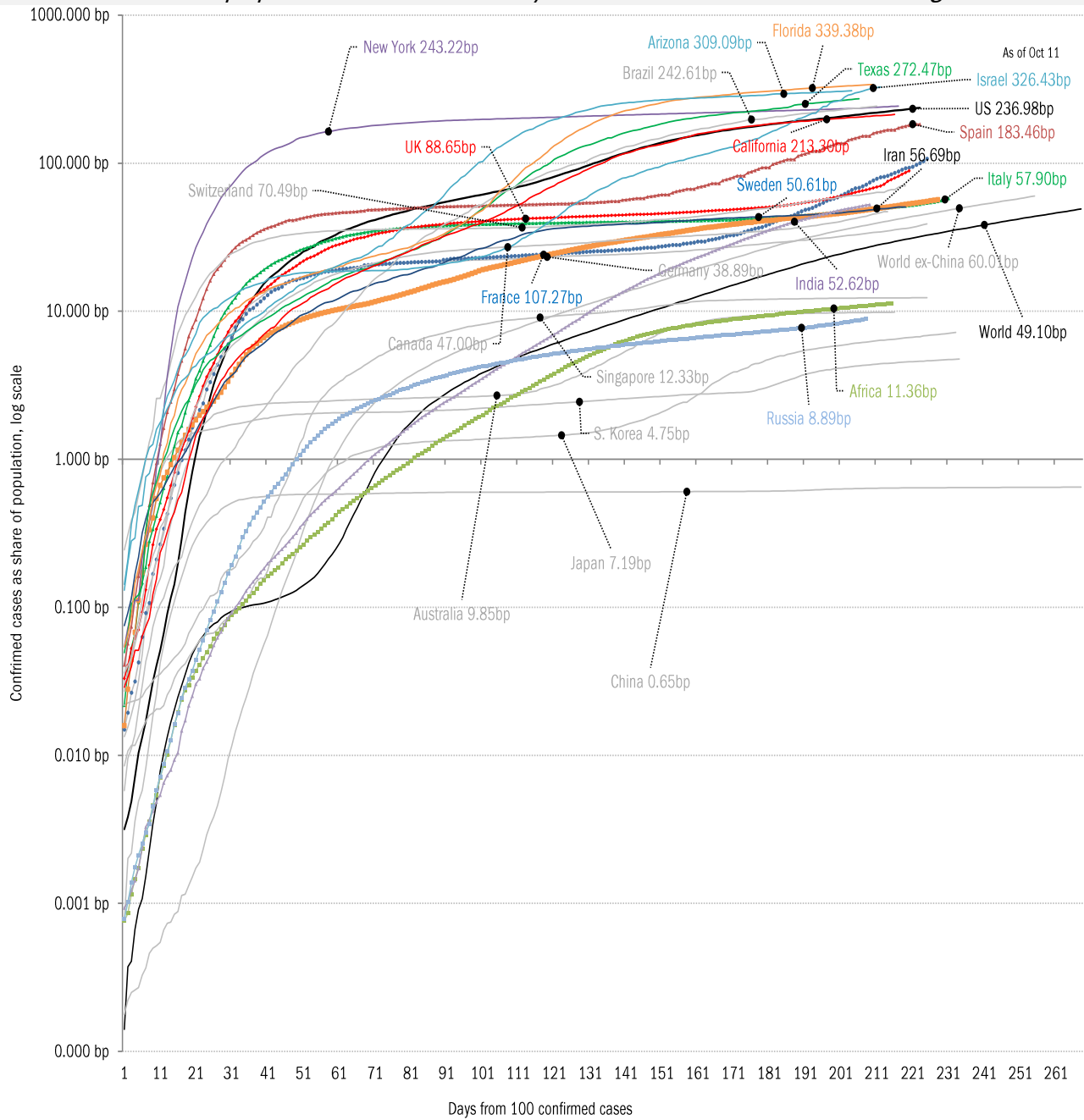
Donald The Orange Returns Triumphantly As Donald The White

October 5th, 2020



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

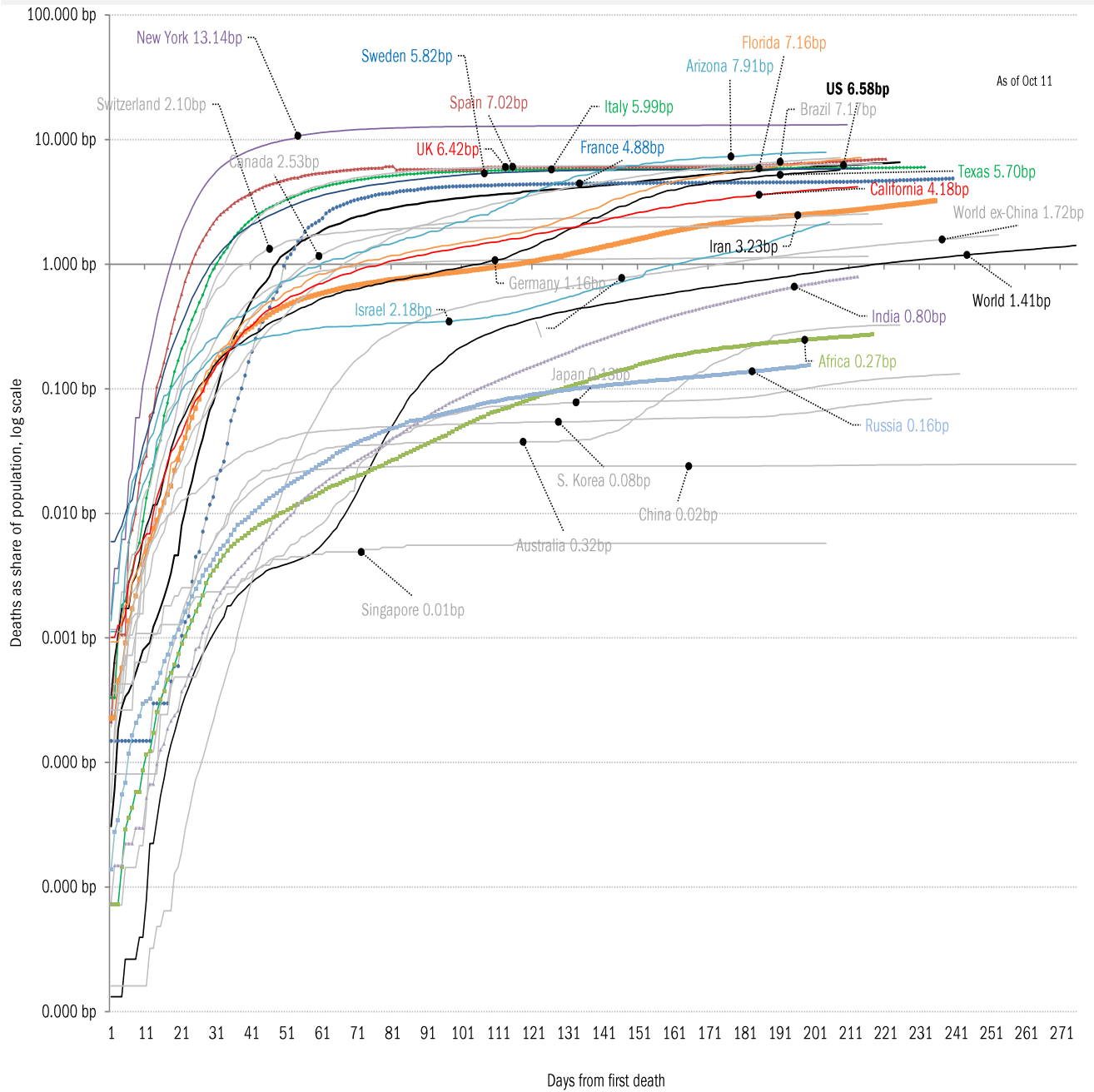
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

Share of deceased population from day of first fatality

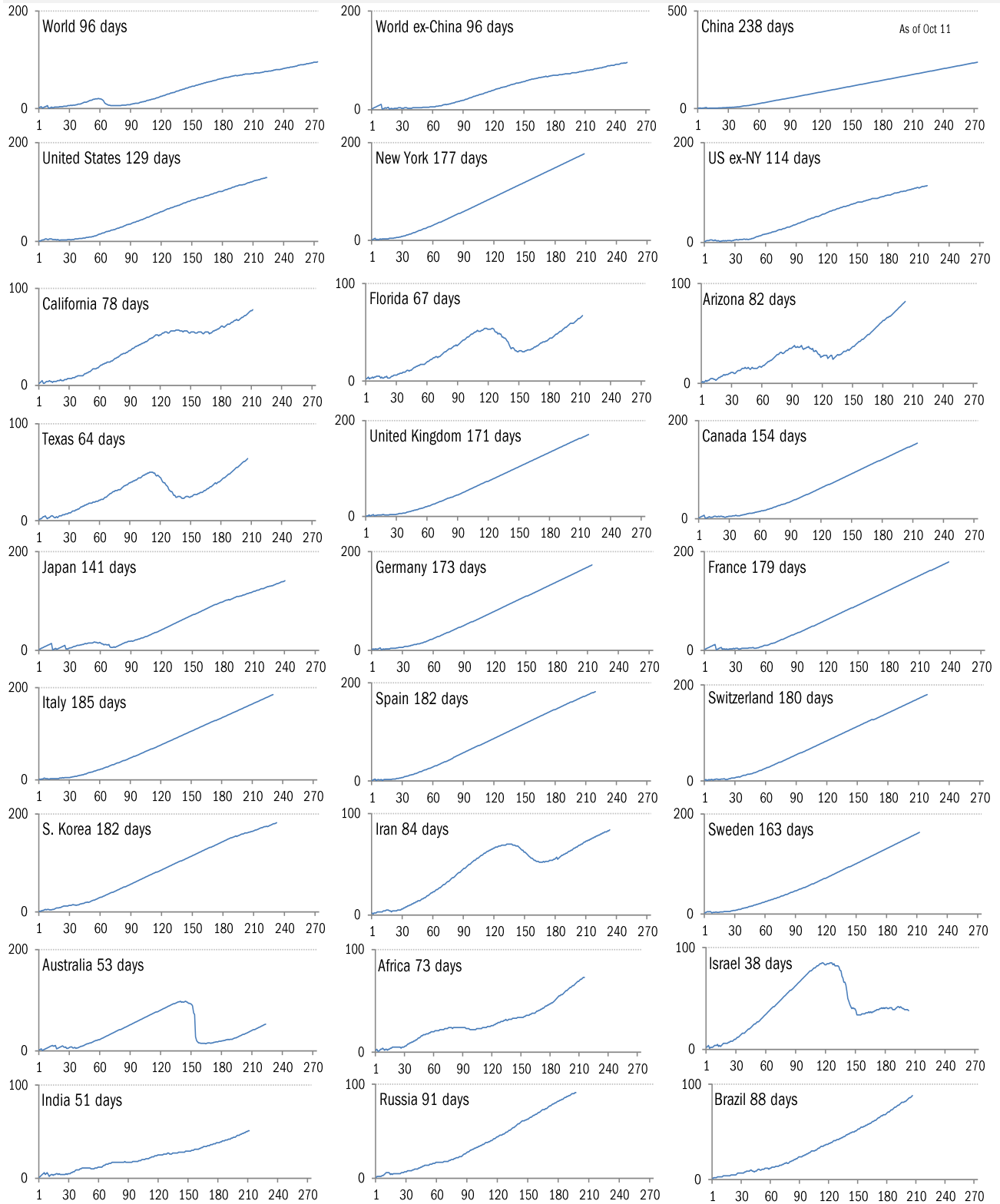


Source: [ECDC](#), TrendMacro calculations

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

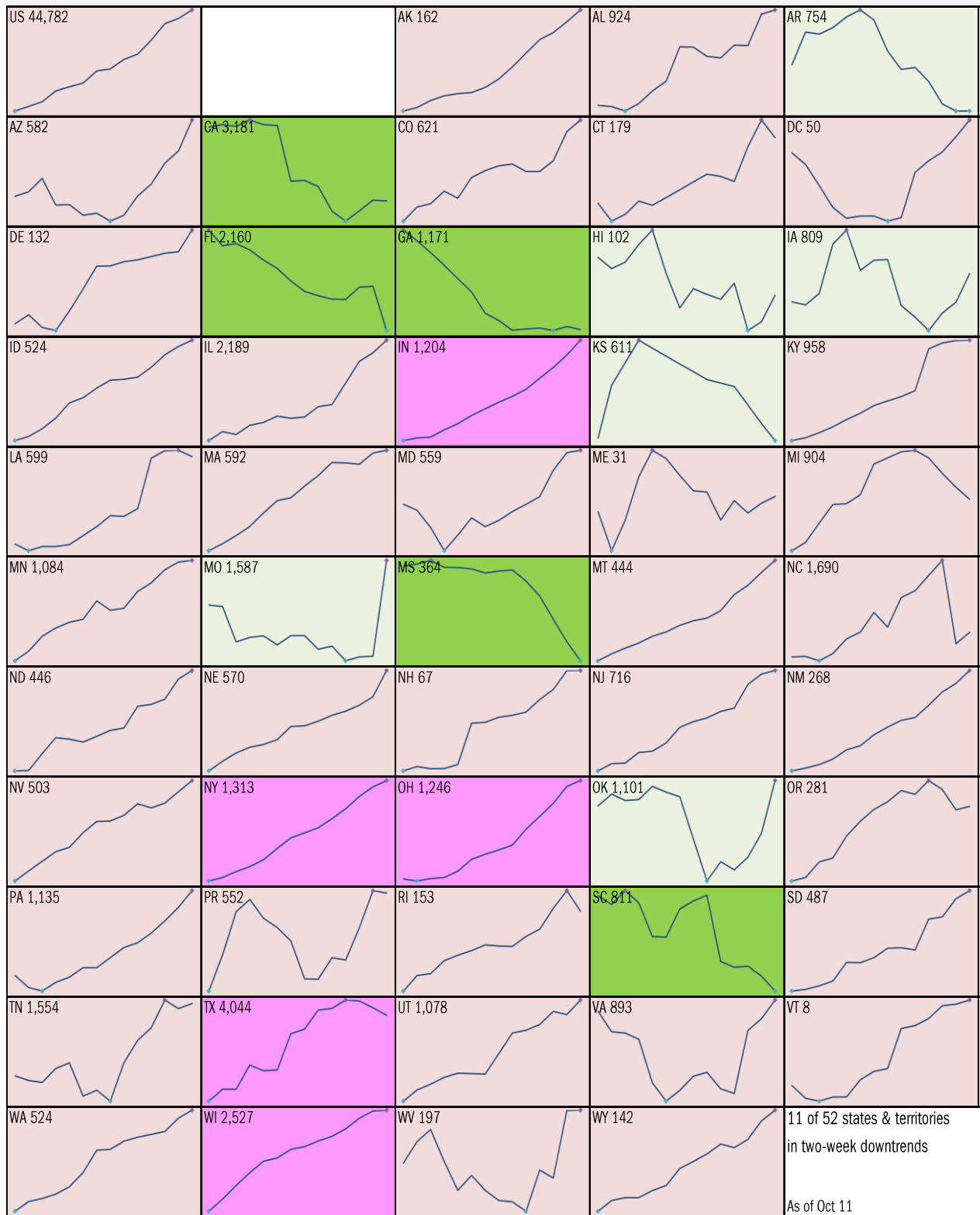
Vertical: days to double deaths Horizontal: days from first death

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread



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

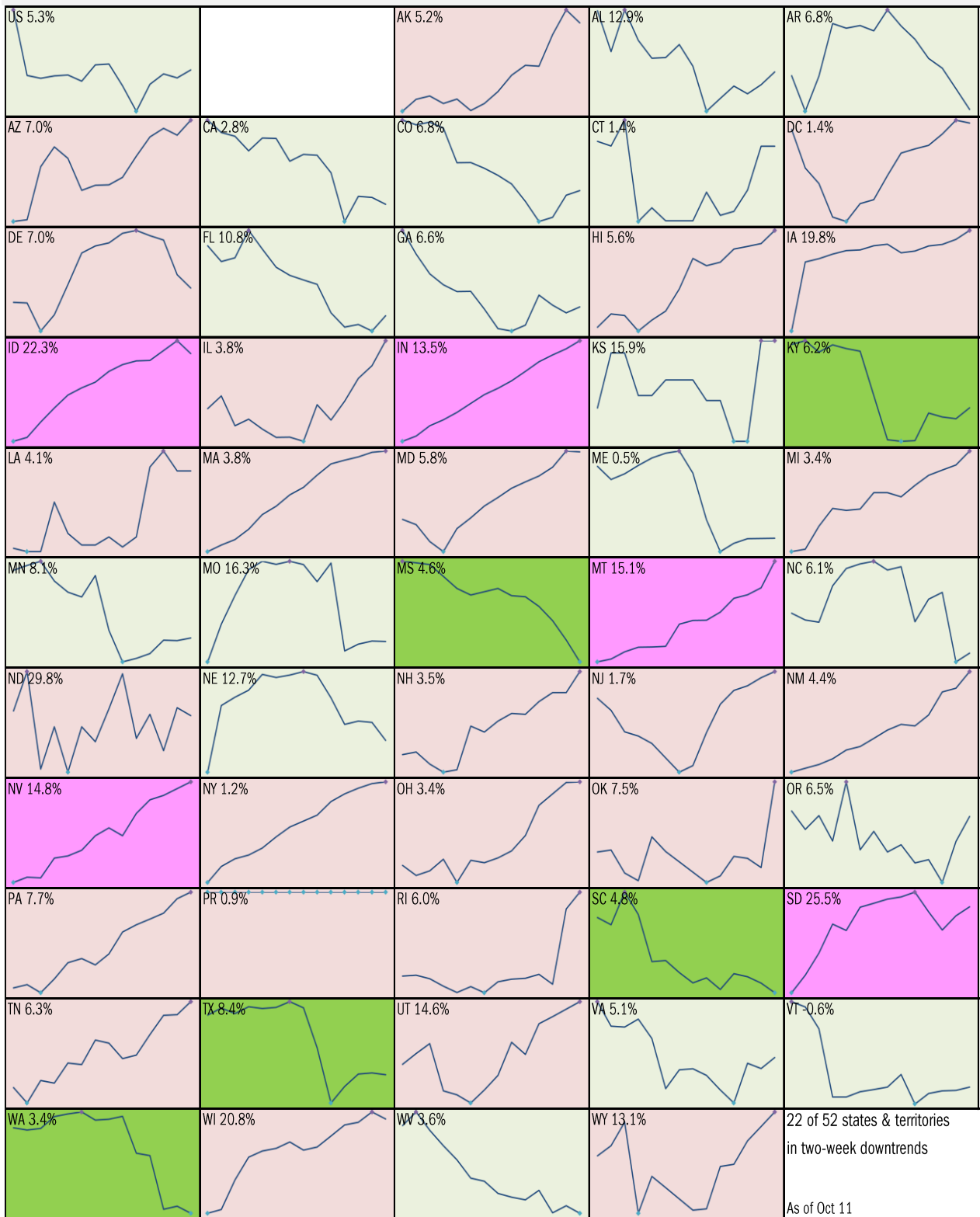


Source: [Covid Tracking Project](#), TrendMacro calculations

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



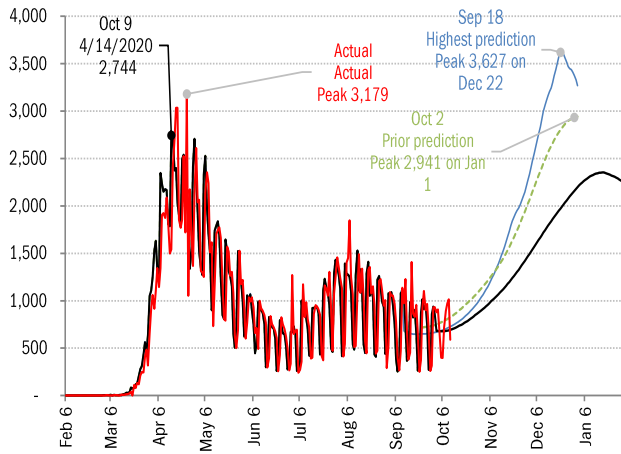
Source: [Covid Tracking Project](#), TrendMacro calculations

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

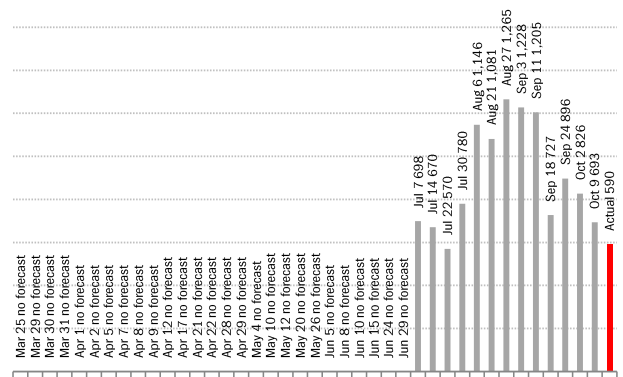
New daily fatalities

As of Oct 11

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

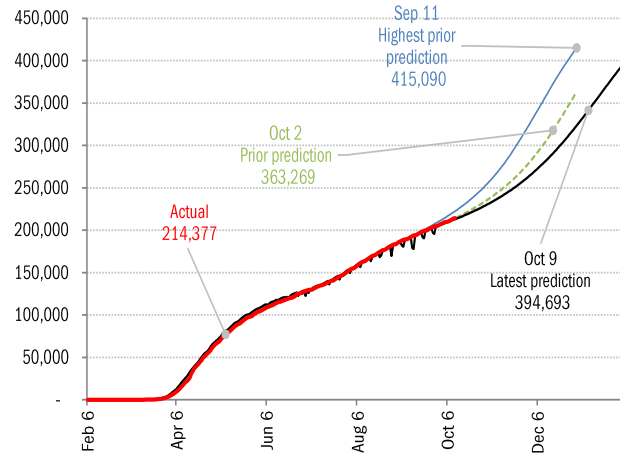


For this day, versus all model mean predictions

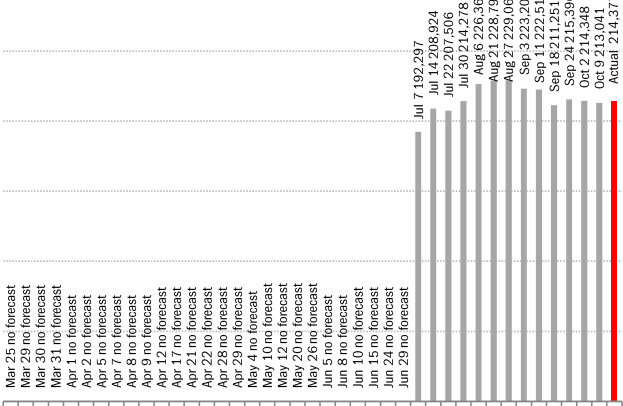


Cumulative fatalities

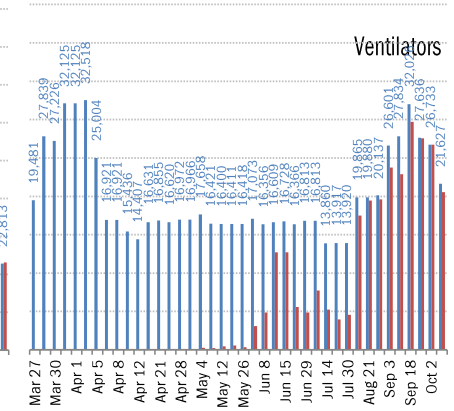
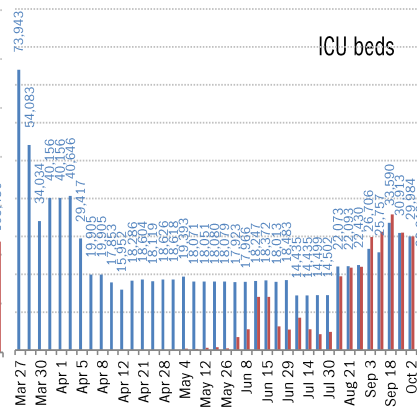
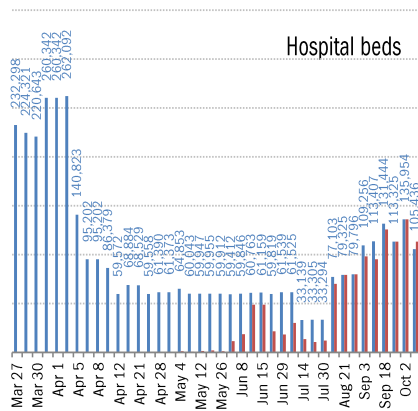
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

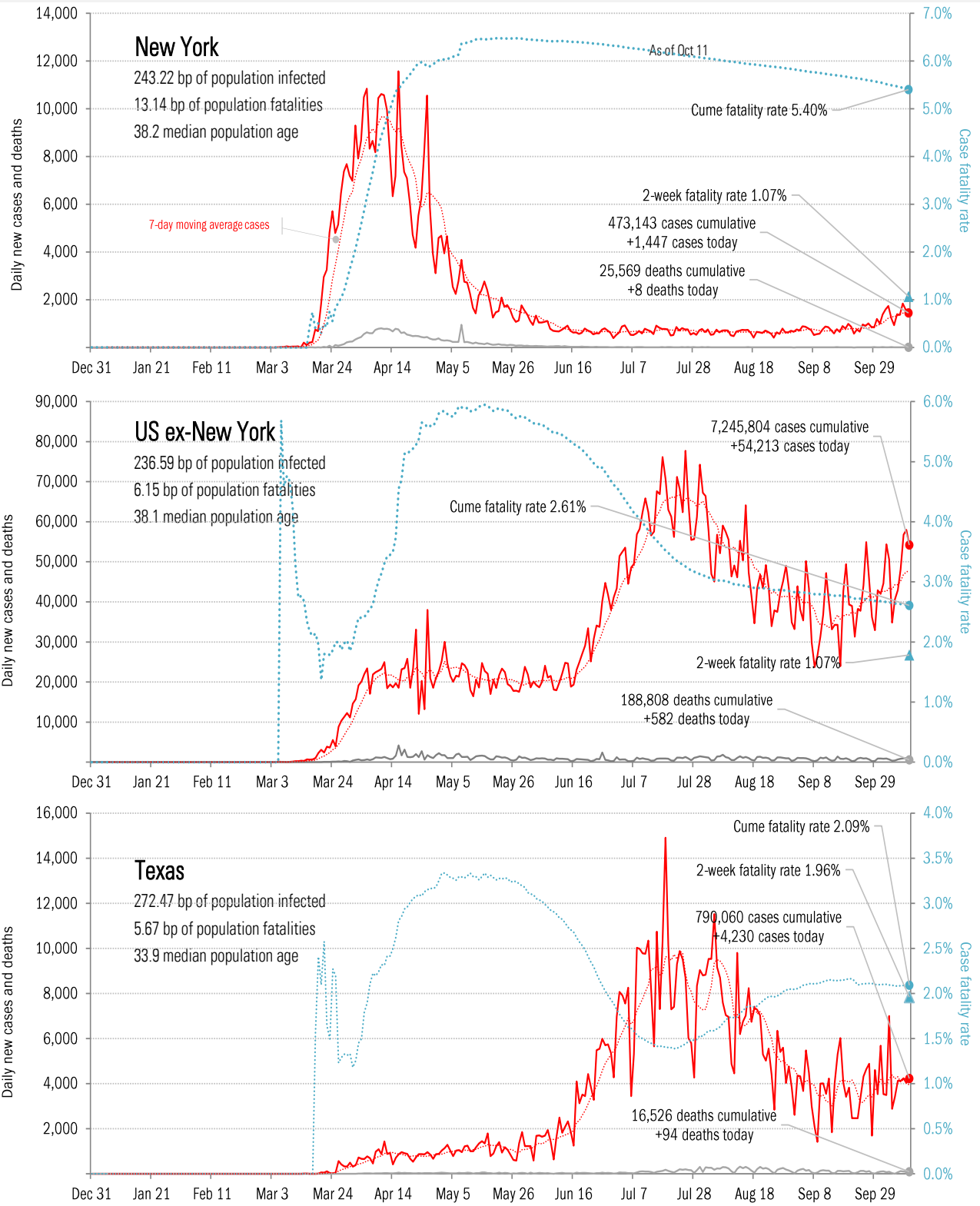


Healthcare system stress, **peak** and **ultimate** estimated at each model revision



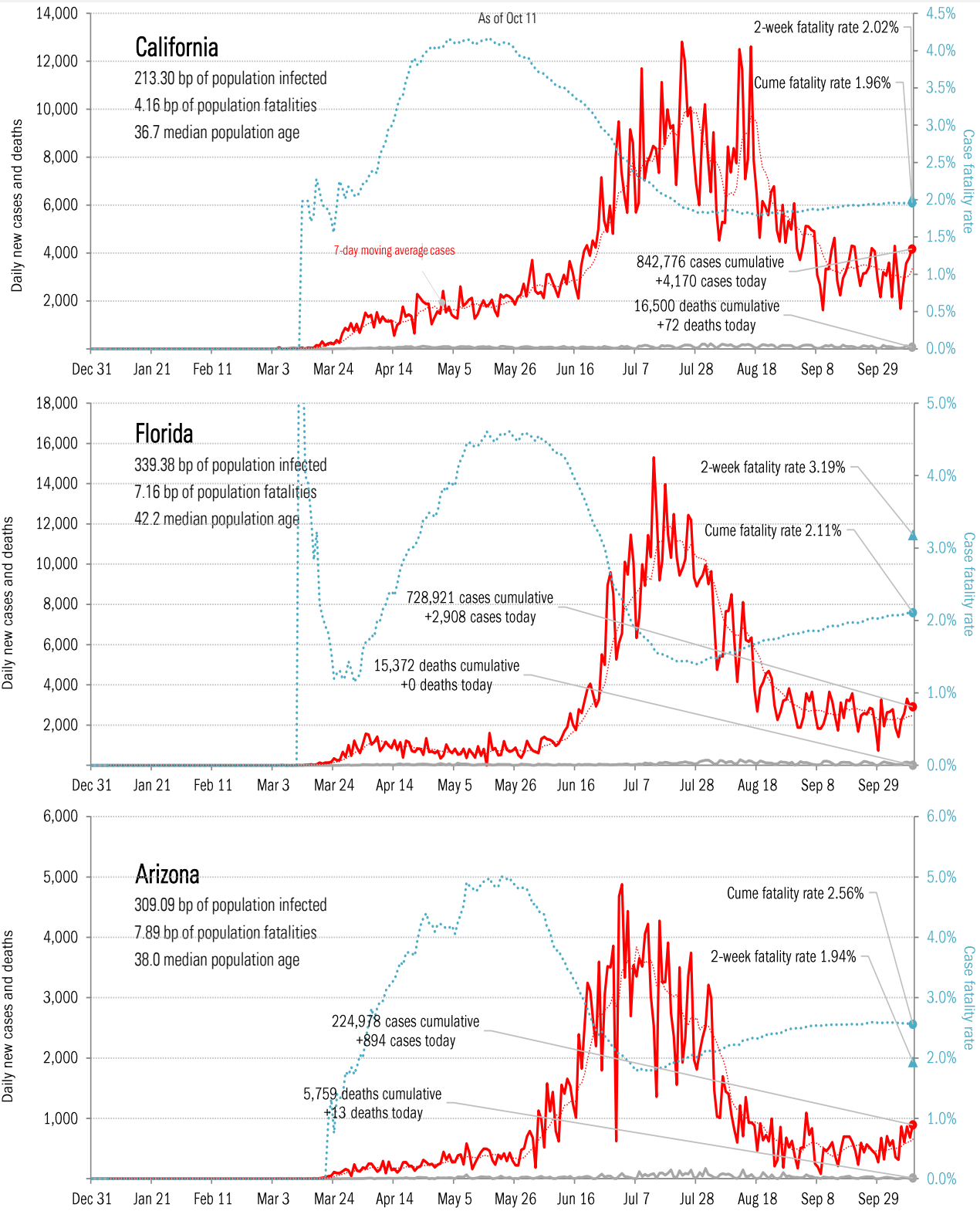
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



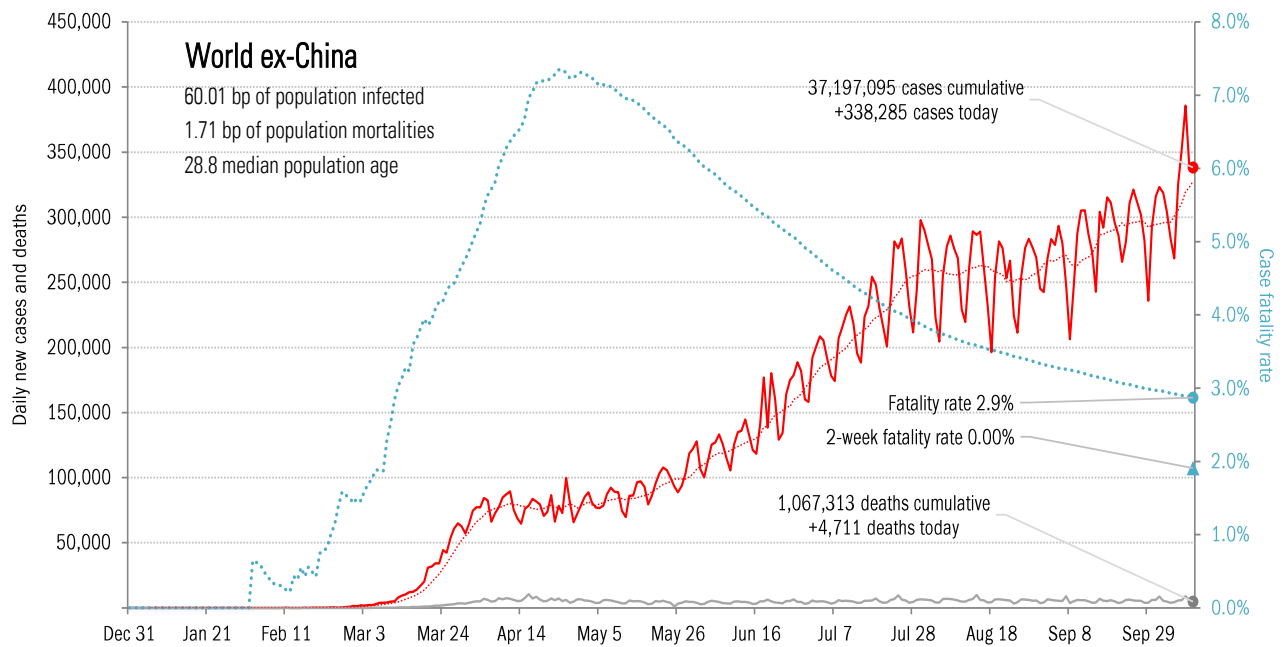
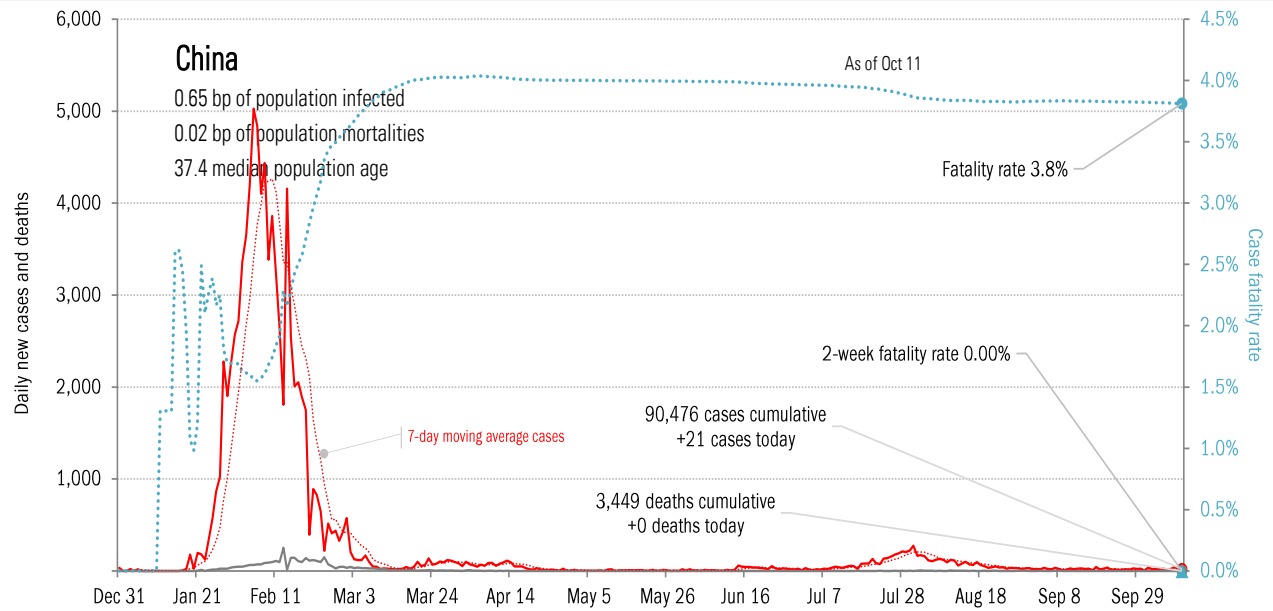
Source: [ECDC](#), TrendMacro calculations

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



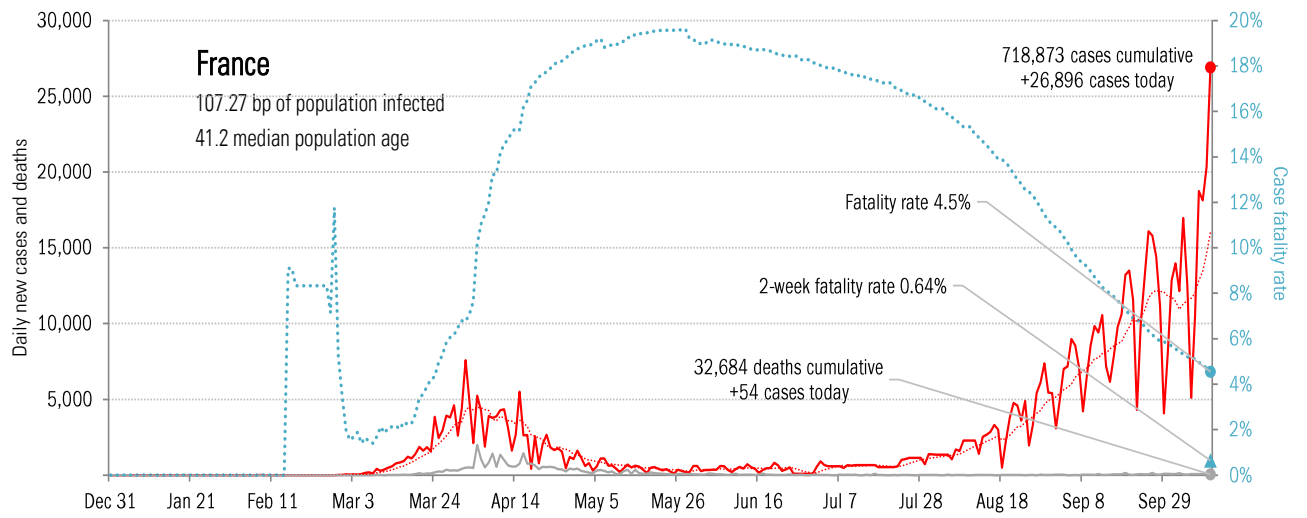
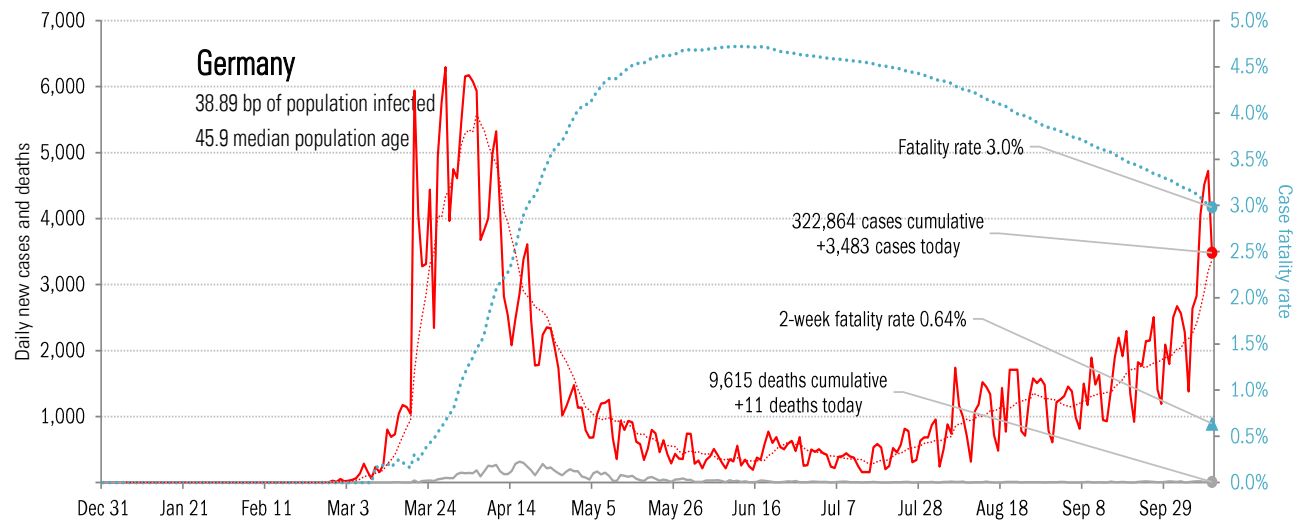
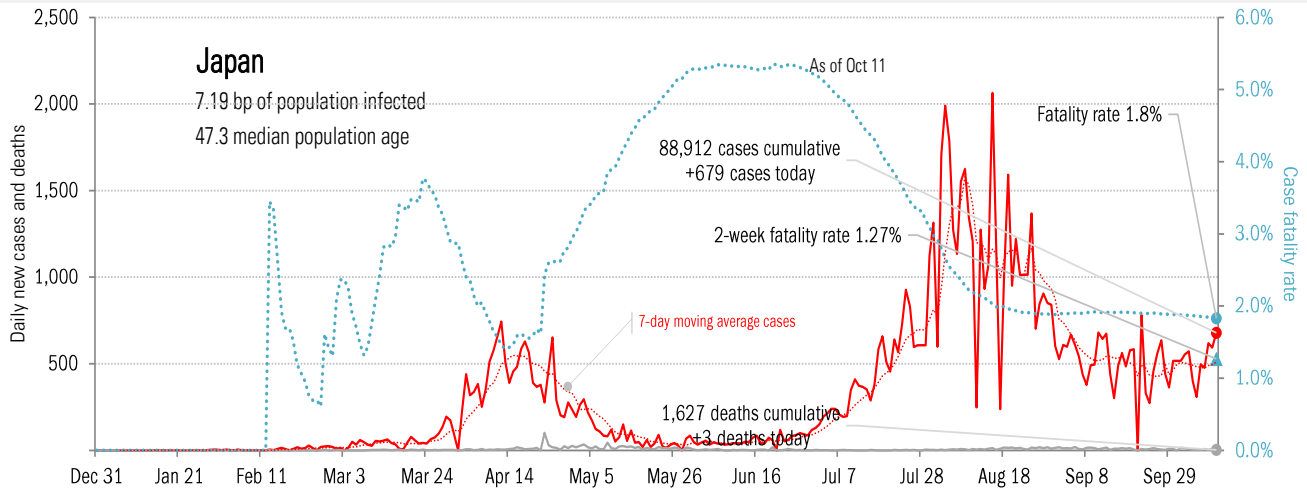
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



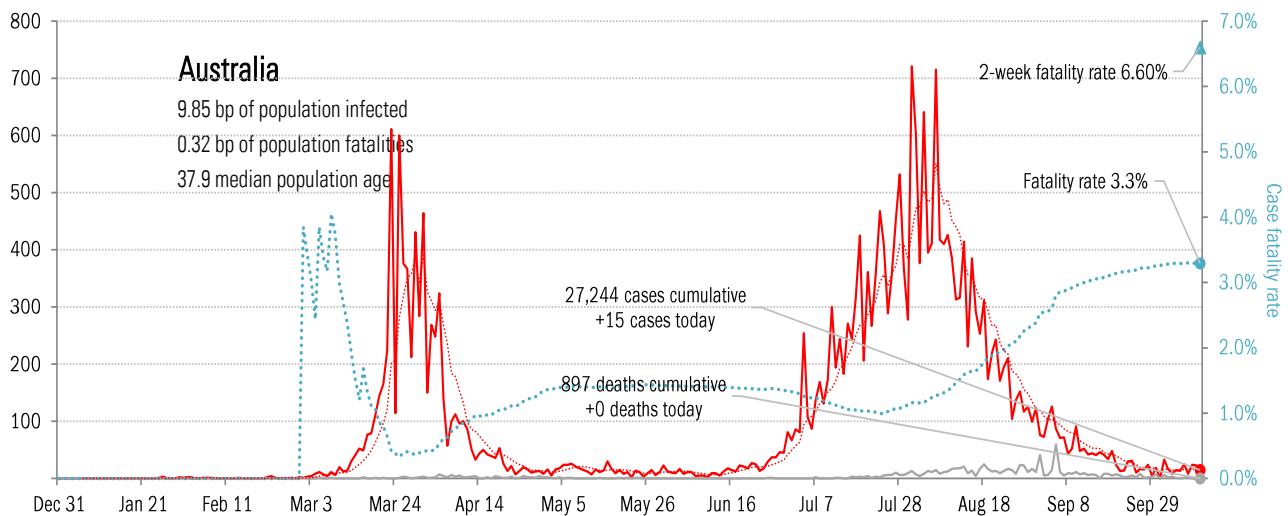
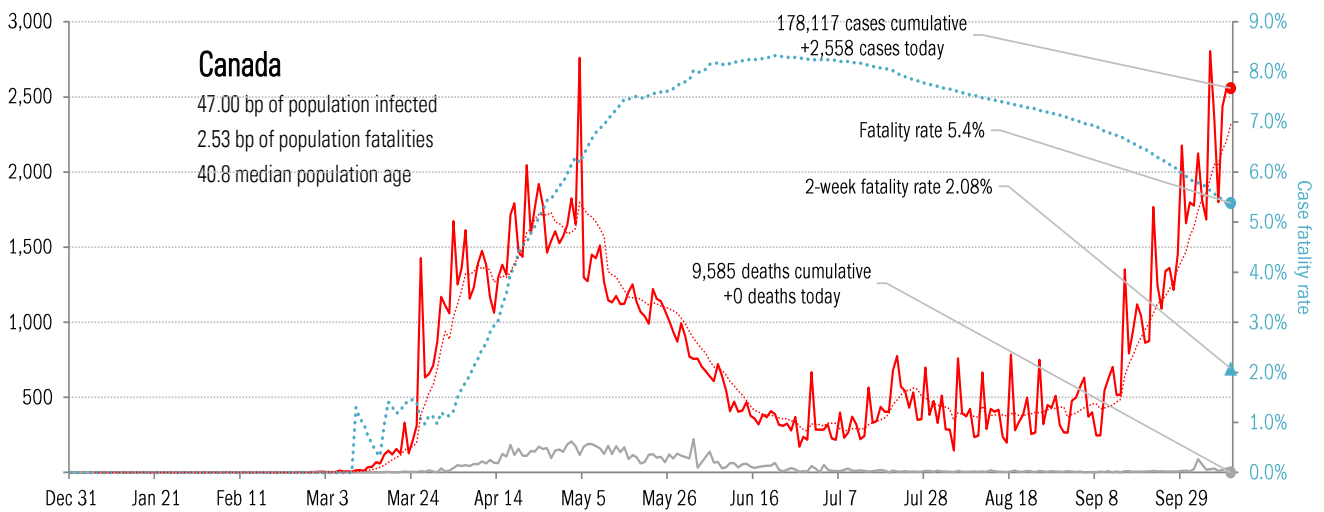
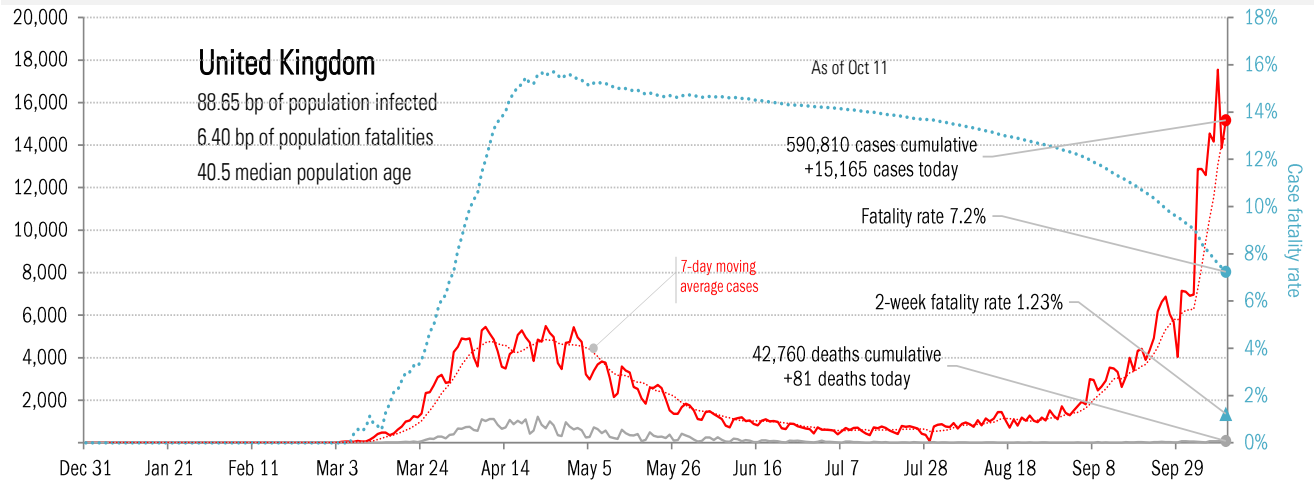
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



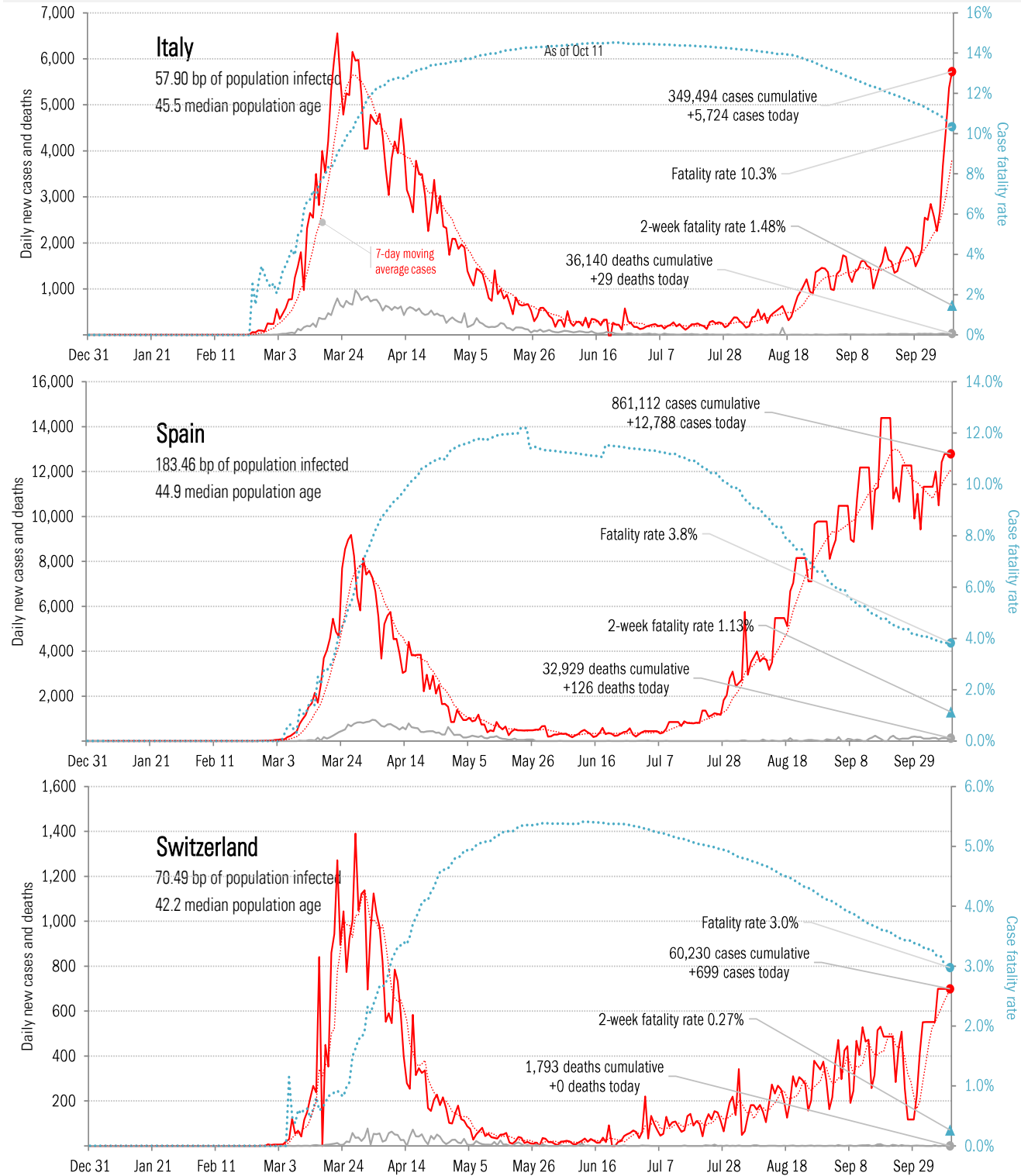
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



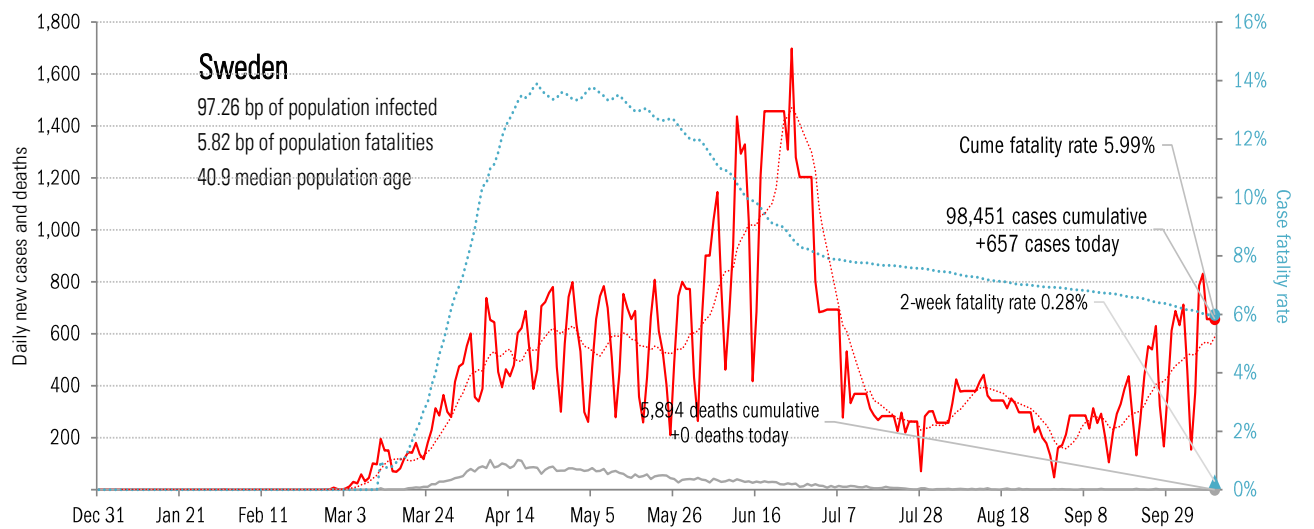
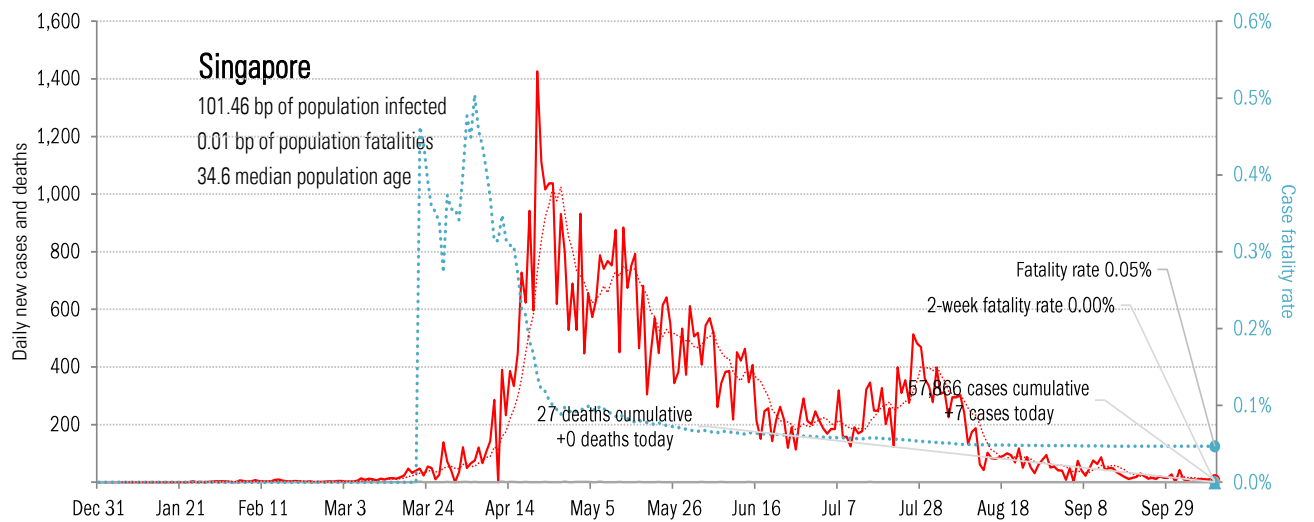
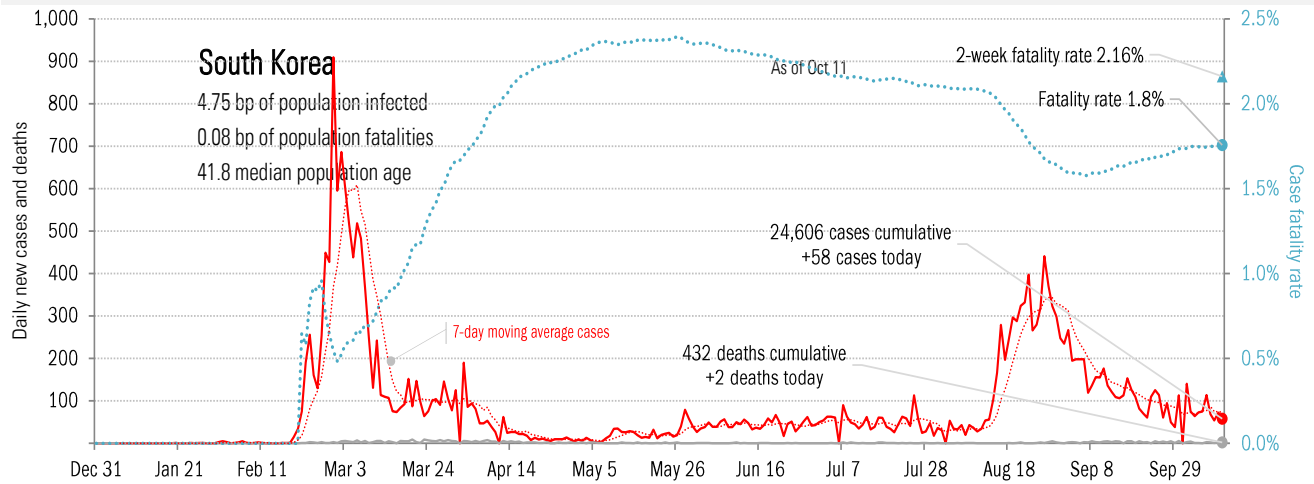
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



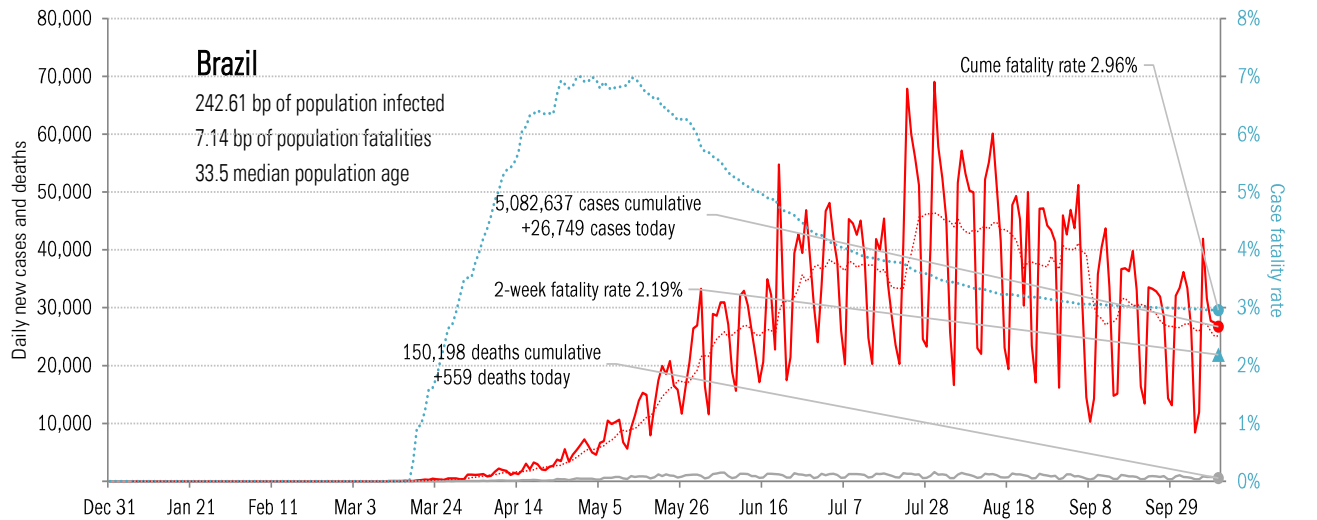
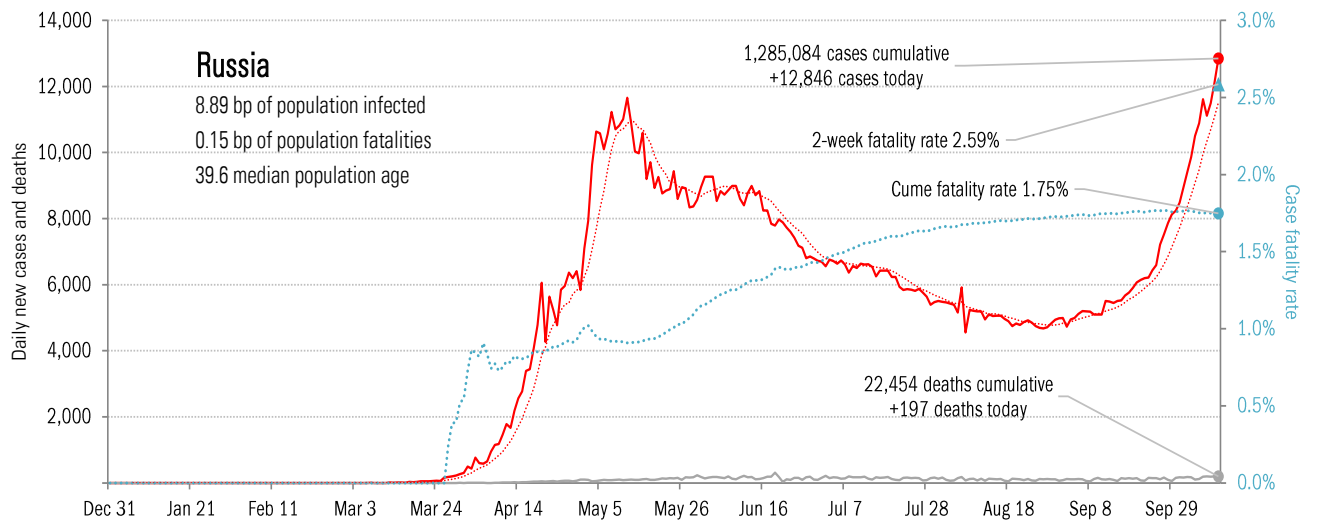
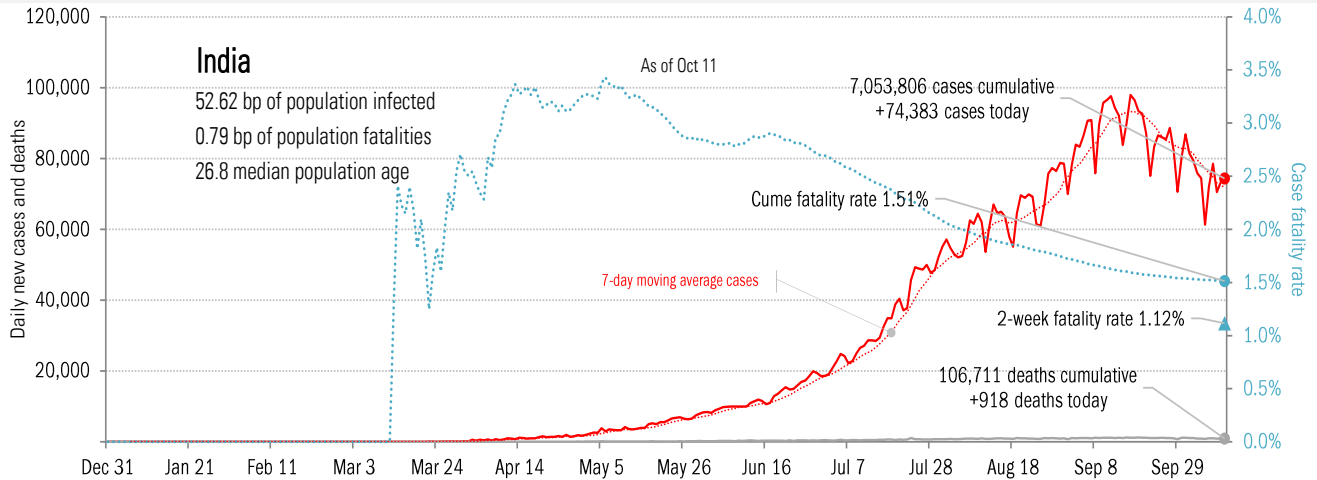
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



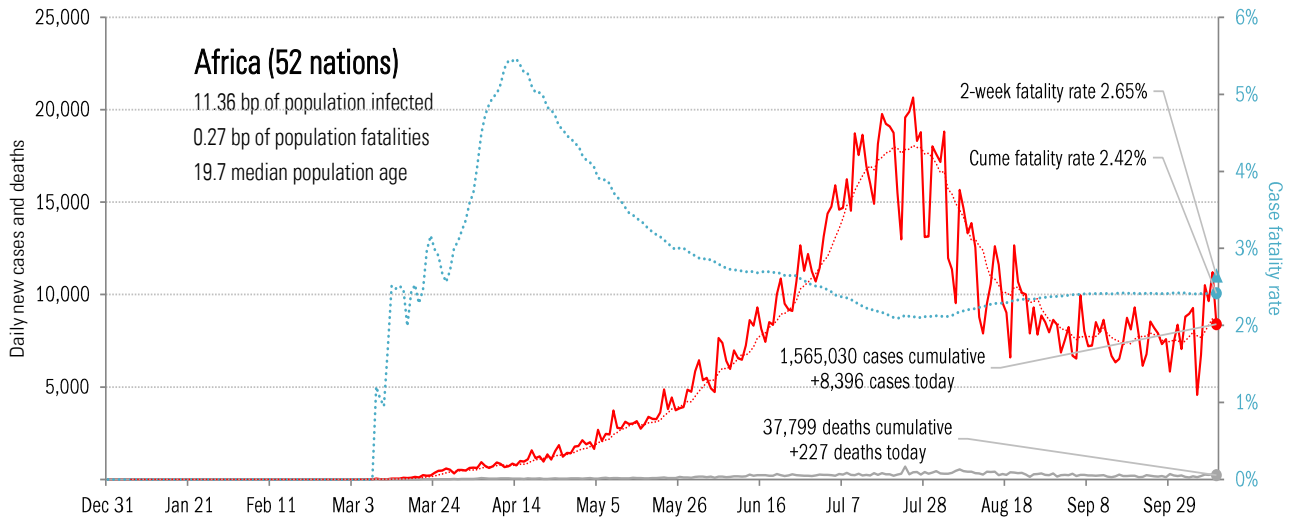
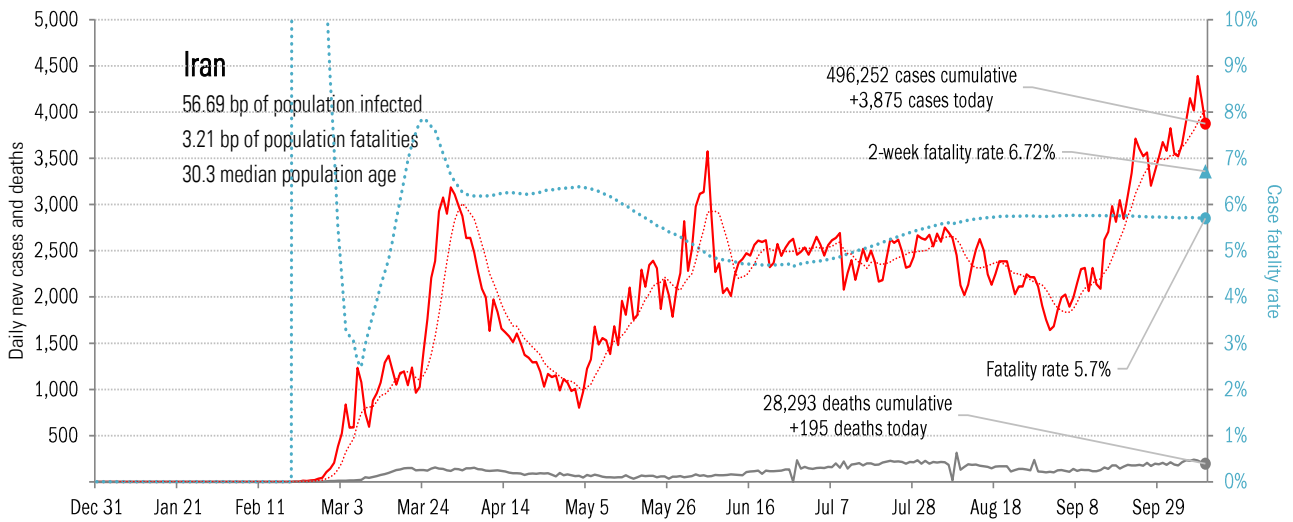
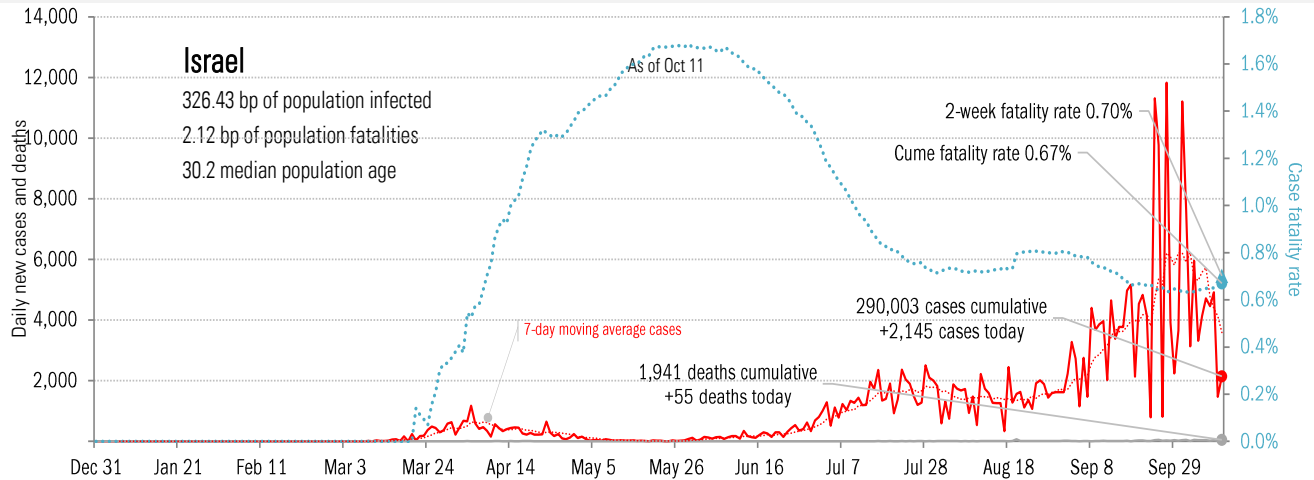
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations