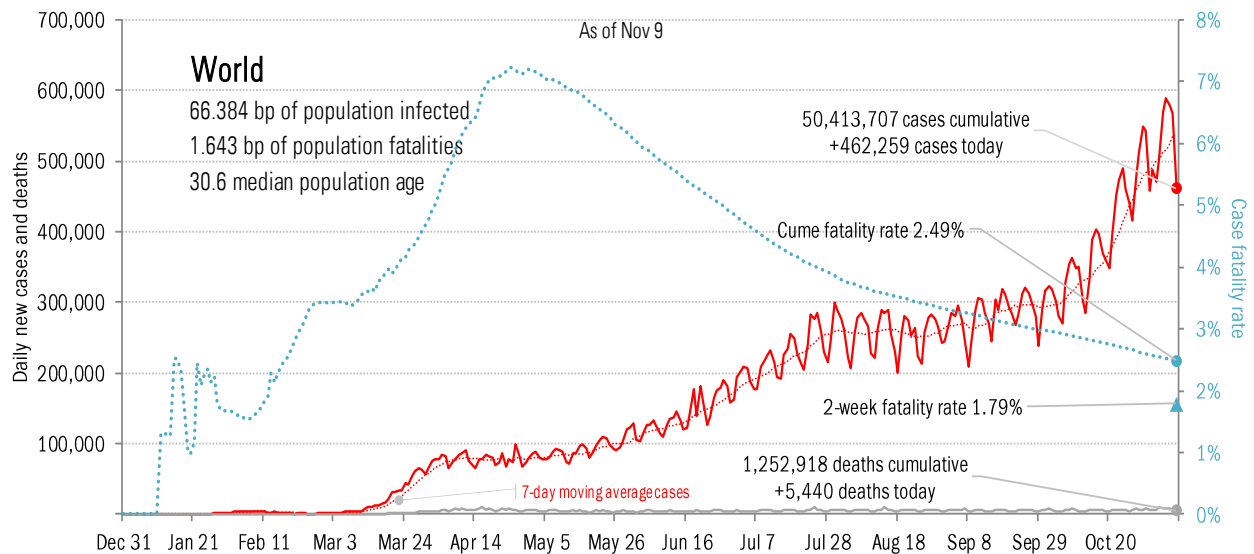
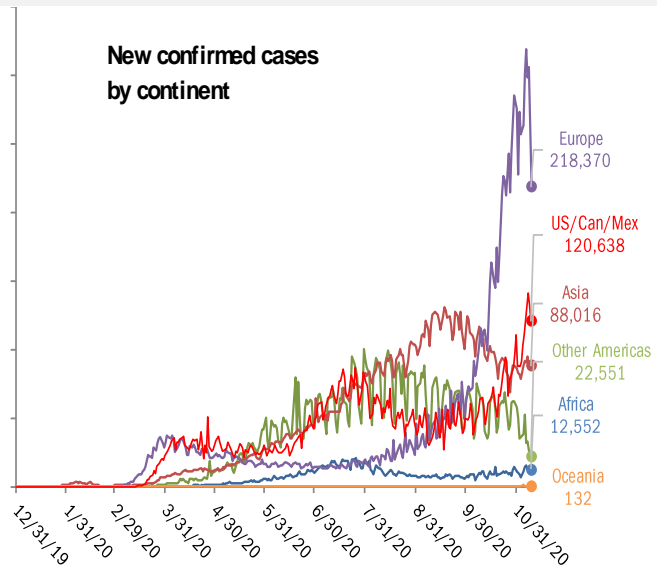


Data Insights: Covid-2019 Monitor

Monday, November 9, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
US	+110,693	India	+490
India	+45,903	Iran	+459
France	+38,619	US	+459
Italy	+32,614	Italy	+331
Poland	+24,785	Russia	+286
Spain	+22,516	Sudan	+278
UK	+20,572	France	+270
Russia	+20,498	Poland	+236
Germany	+13,363	Mexico	+219
Ukraine	+9,397	Argentina	+212
+338,960		+3,240	
World +462,259		World +5,440	
Top ten 73%		Top ten 60%	



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

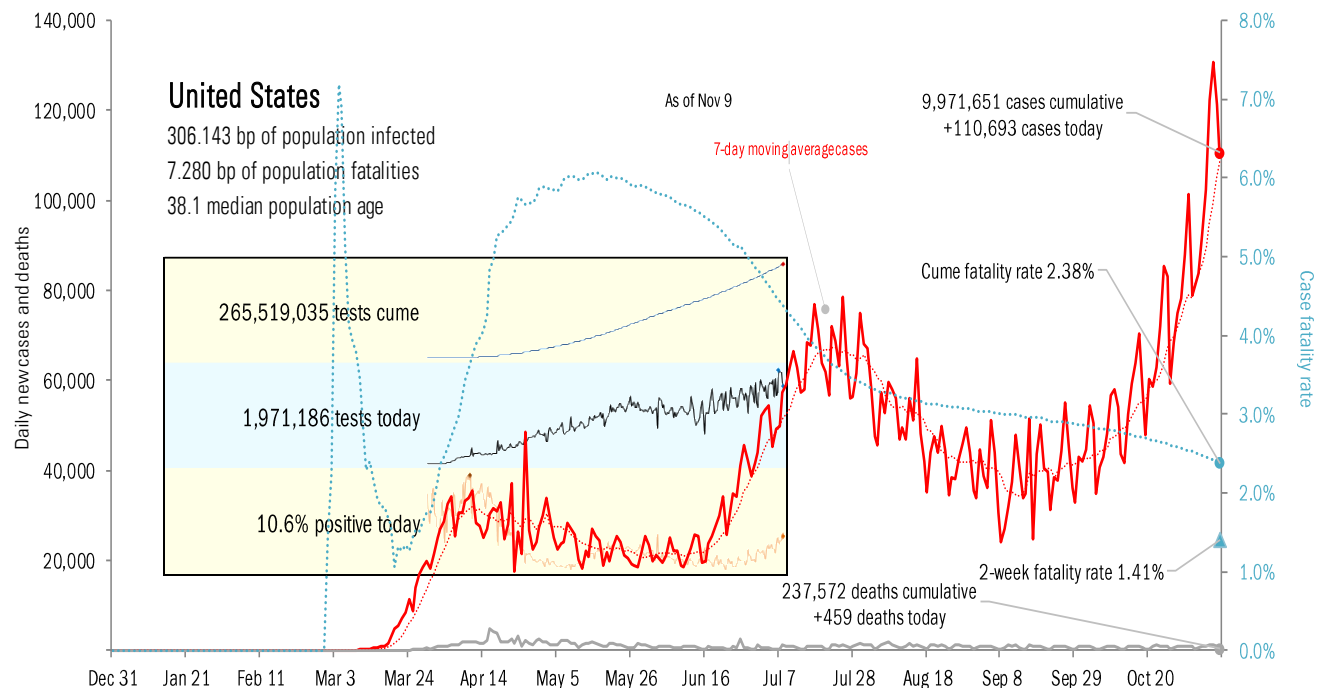
The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
IL	+10,009	IL	+50	FL	+107	CA	964,639	NY	25,947	NY	89,995
CA	+7,682	TX	+43	CA	+98	TX	956,234	TX	18,743	FL	51,093
FL	+6,619	IN	+37	OH	+98	FL	832,525	CA	17,963	NJ	38,300
MN	+5,908	MN	+31	IA	+91	NY	529,036	FL	17,333	GA	32,468
TX	+5,685	CA	+24	WI	+54	IL	487,987	NJ	16,429	VA	22,584
IN	+4,652	FL	+22	IL	+53	GA	373,078	IL	10,538	AZ	22,202
CH	+4,541	SC	+21	PA	+48	NC	293,339	MA	10,149	AL	21,294
CK	+4,507	LA	+20	NJ	+47	WI	281,910	PA	9,020	CH	20,497
WI	+4,407	MA	+20	AZ	+46	TN	281,851	GA	8,648	IN	18,505
MO	+4,131	NY	+19	CO	+46	AZ	259,264	MI	7,945	MD	17,730
+58,141		+287		+688		5,259,863		142,715		334,668	
All states	+110,270	All states	+486	All states	+951	All states	9,871,751	All states	229,724	All states	494,349
Top ten	53%	Top ten	59%	Top ten	72%	Top ten	53%	Top ten	62%	Top ten	68%

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
MI	-6,494	TX	-68	IL	-107	TX	+8,885
WI	-3,114	FL	-65	TN	-87	WI	+4,065
IL	-2,429	MI	-65	NC	-84	MN	+3,511
TX	-2,325	CA	-49	NV	-56	CK	+1,803
TN	-1,435	TN	-44	MO	-53	CH	+1,678



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

Recommended reading

[Pfizer And Biontech Announce Vaccine Candidate Against Covid-19 Achieved Success In First Interim Analysis From Phase 3 Study](#)

Pfizer

November 9, 2020

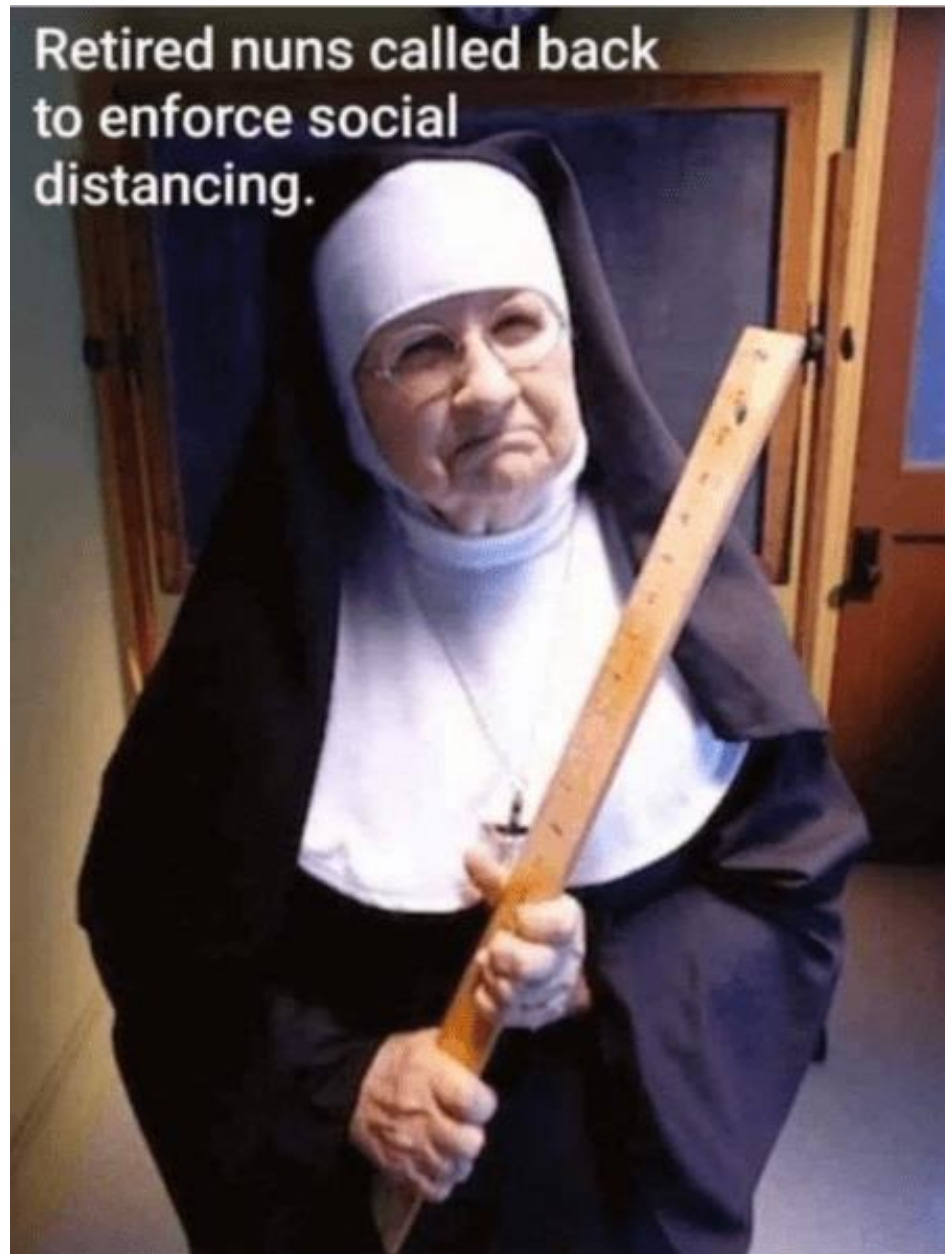
[The States Are Laboratories for Covid Control](#)

Scott Gottlieb

Wall Street Journal

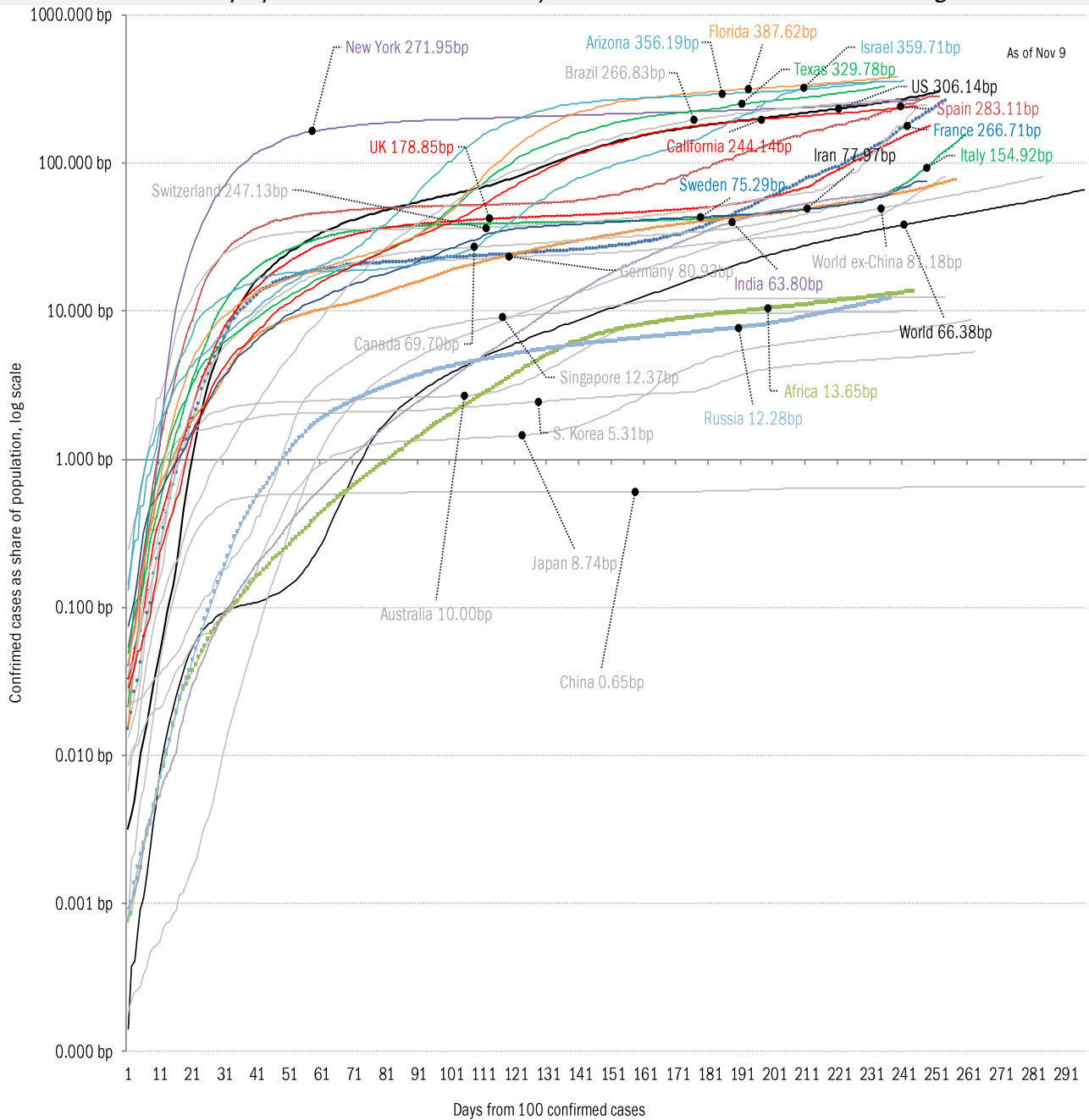
November 8, 2020

Meme of day



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

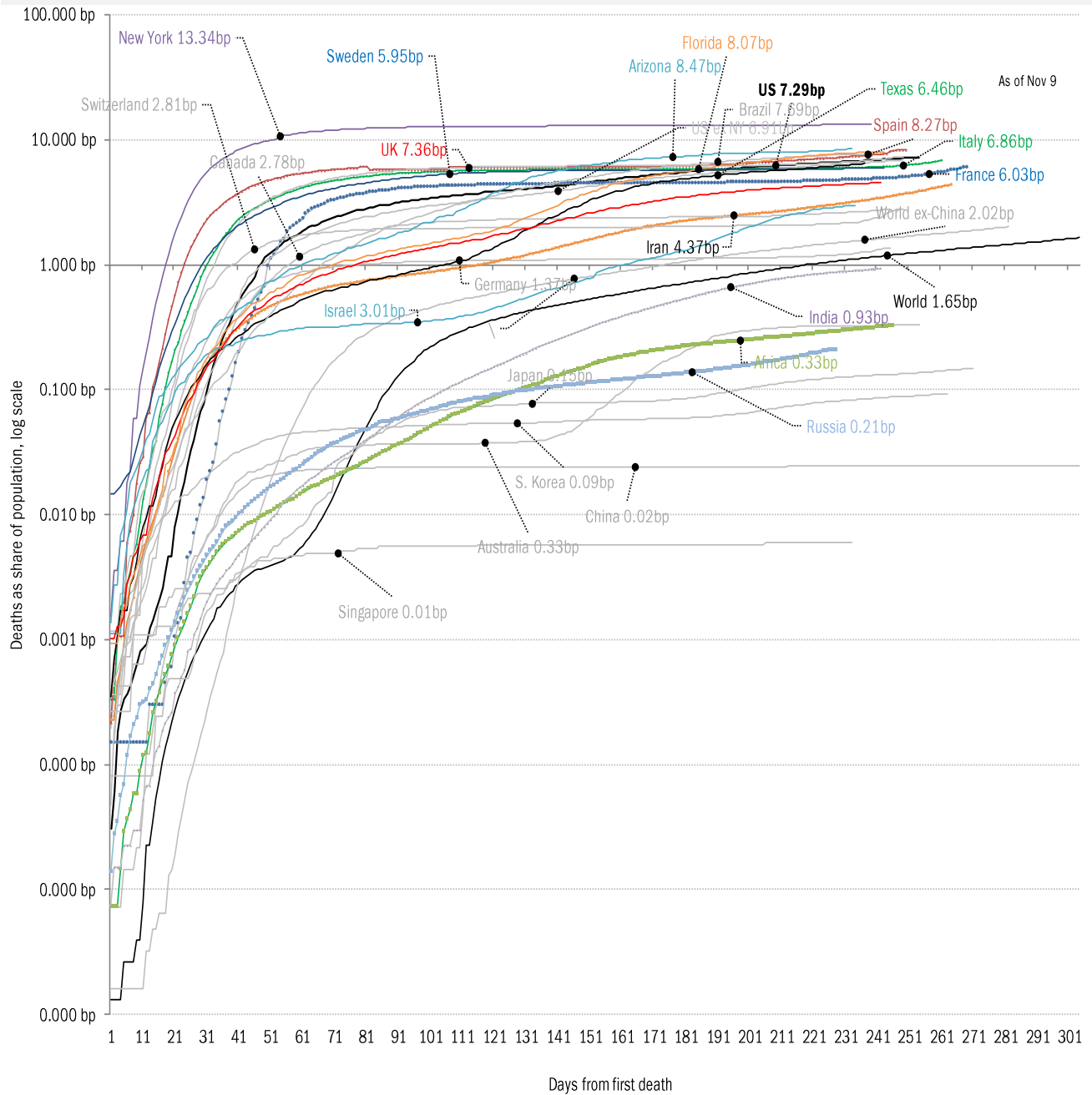
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

Share of deceased population from day of first fatality

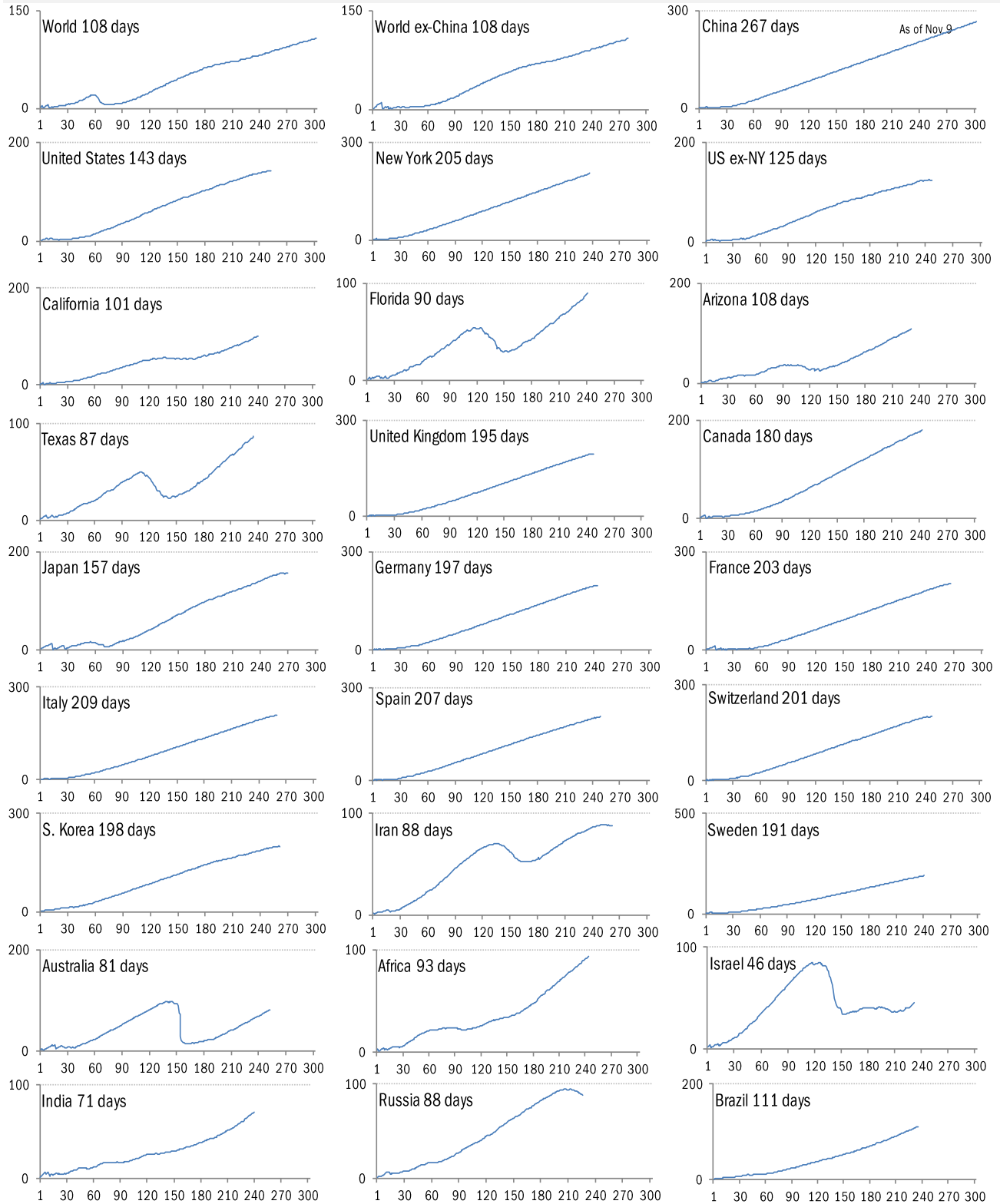


Source: [ECDC](#), TrendMacro calculations

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

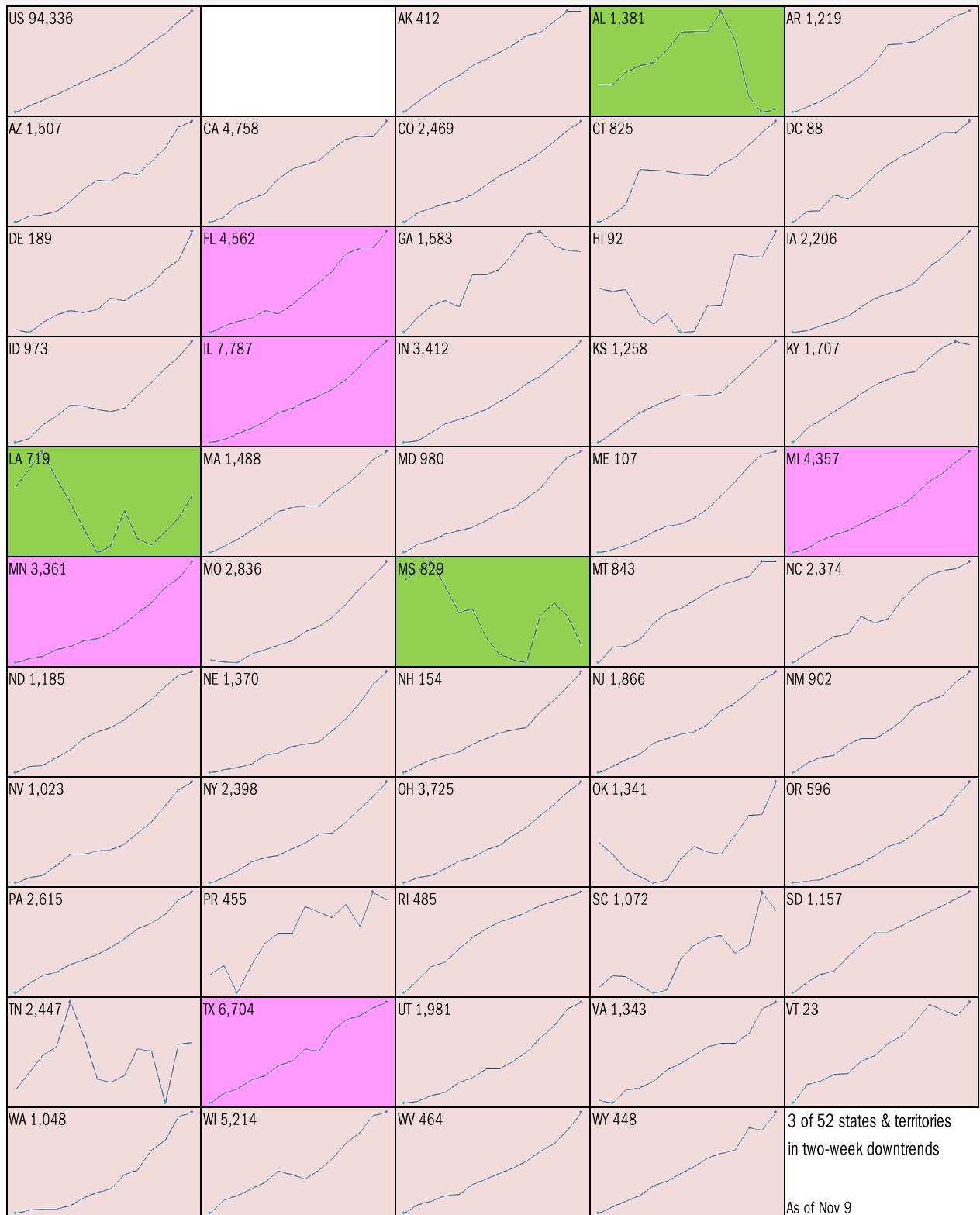
Vertical: days to double deaths Horizontal: days from first death

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



Source: [ECDC](https://www.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

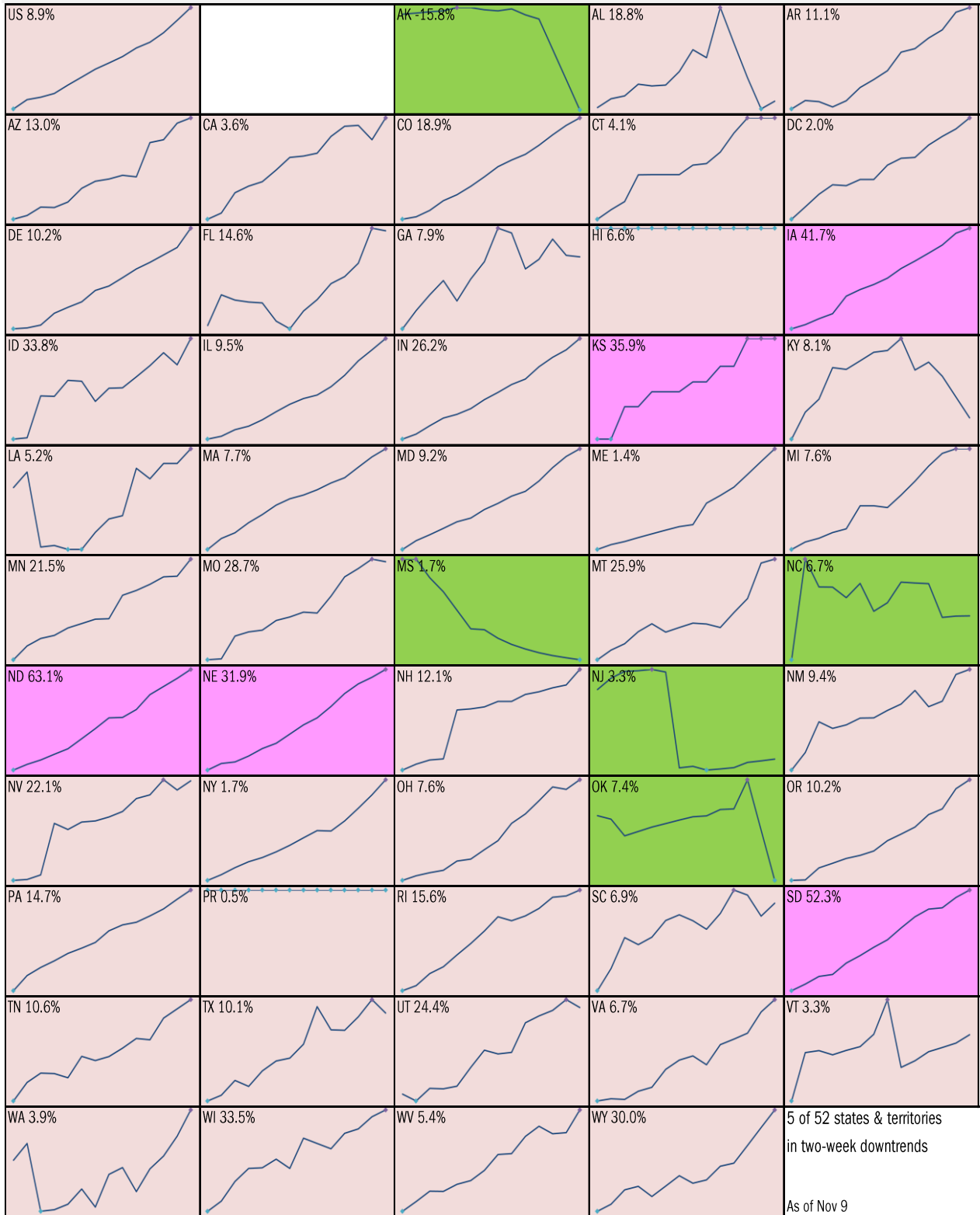


Source: [Covid Tracking Project](#), TrendMacro calculations

Alt requirement to [Open Up America Again](#): 14-day “downward trajectory” in pos tests

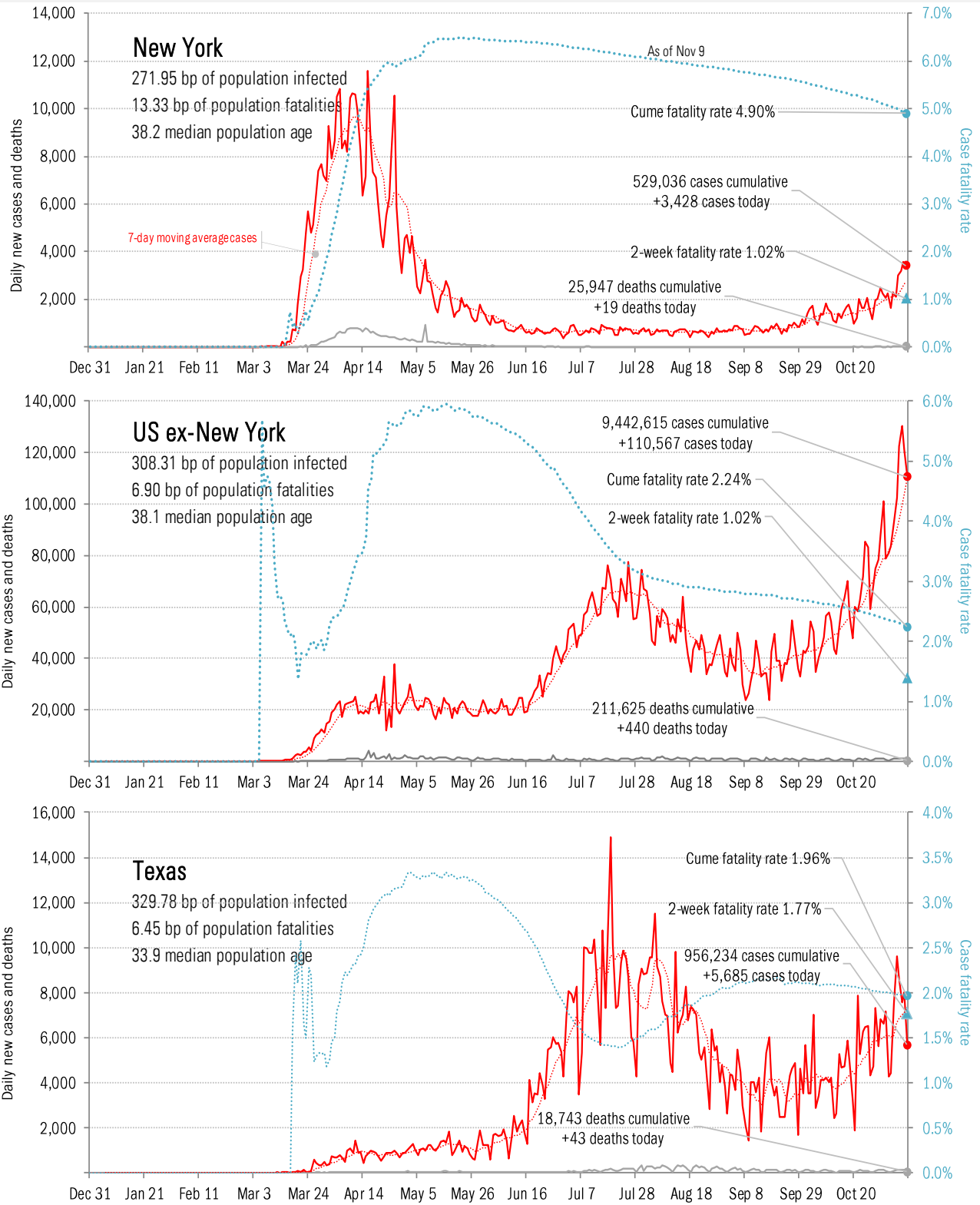
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



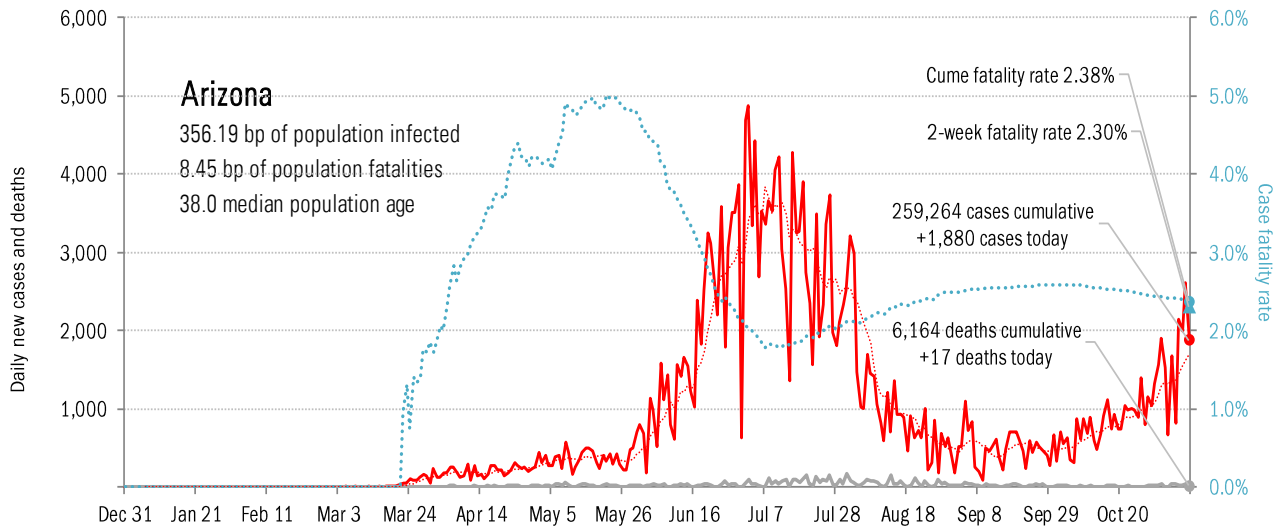
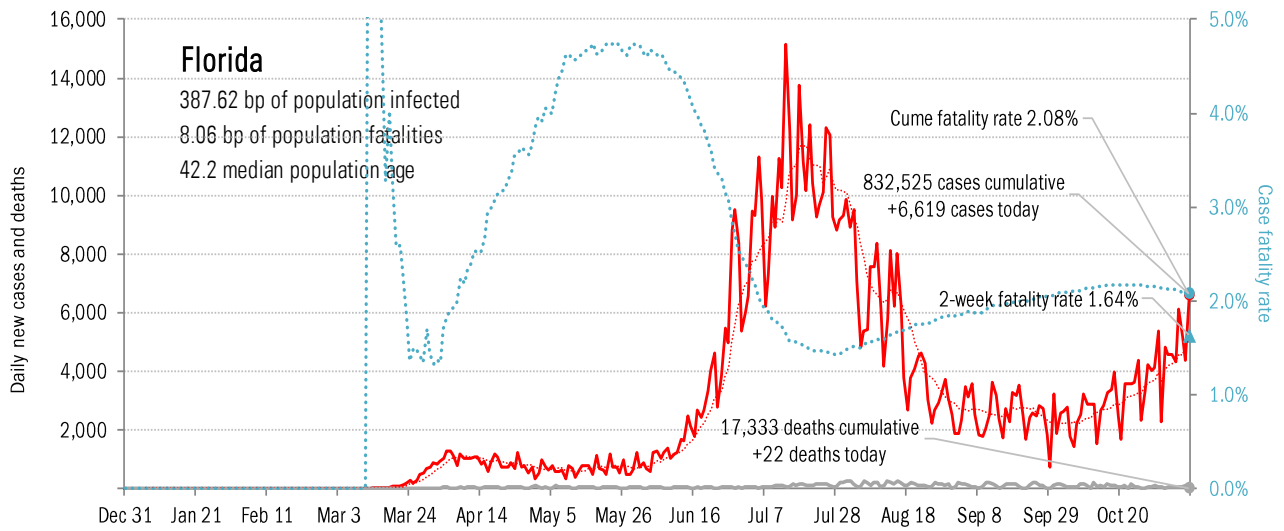
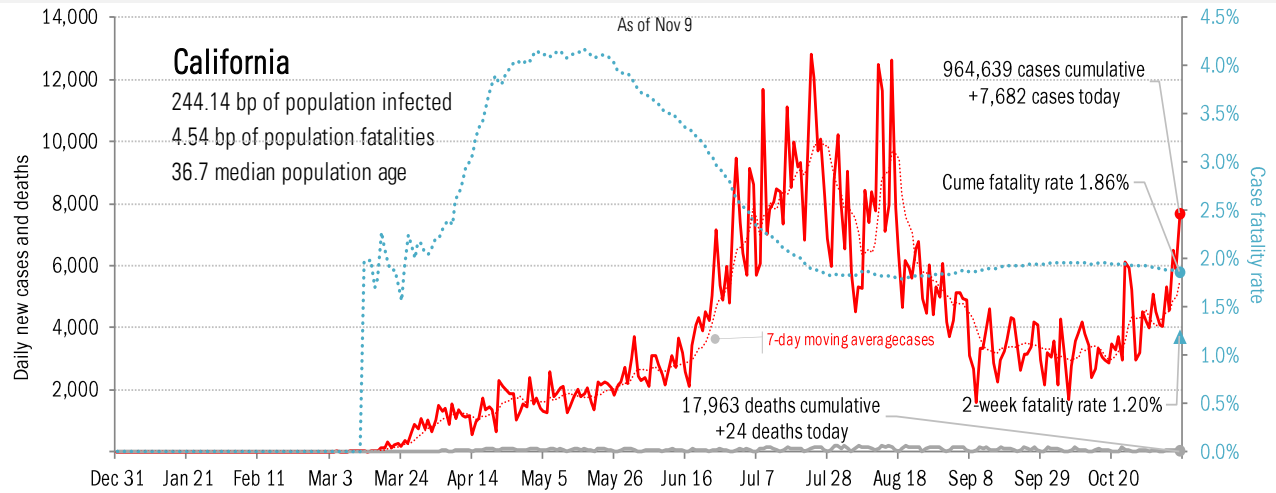
Source: [Covid Tracking Project](#), TrendMacro calculations

From Ground Zero to the Rio Grande



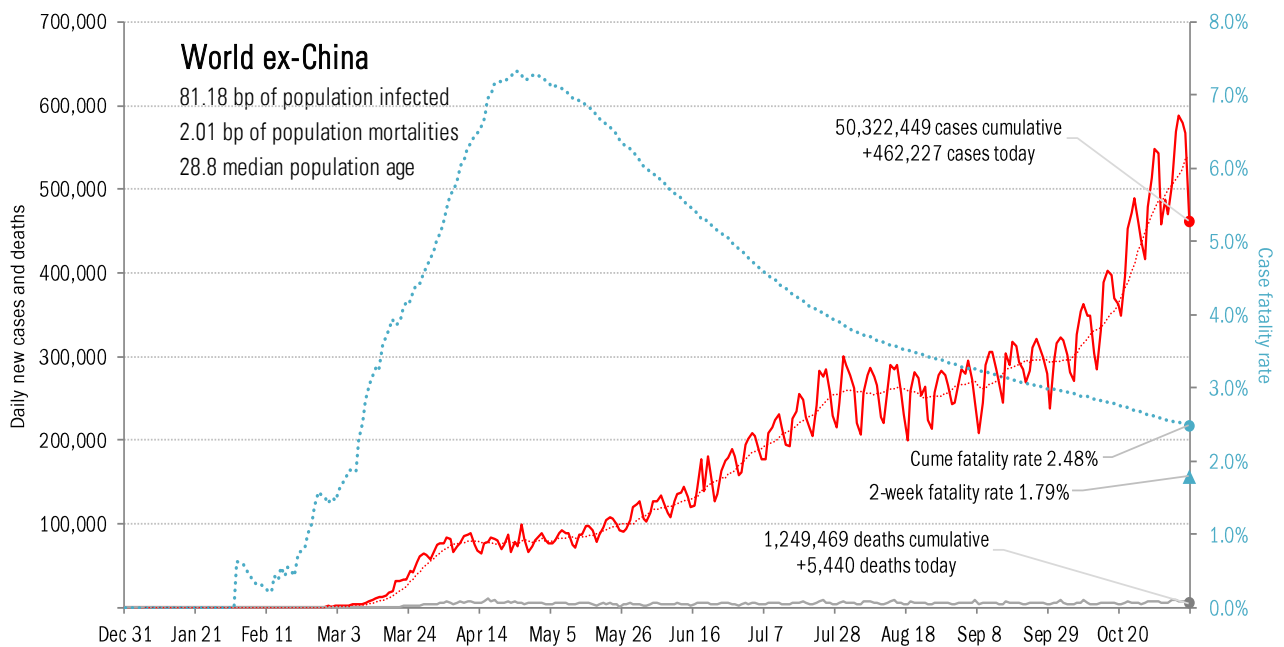
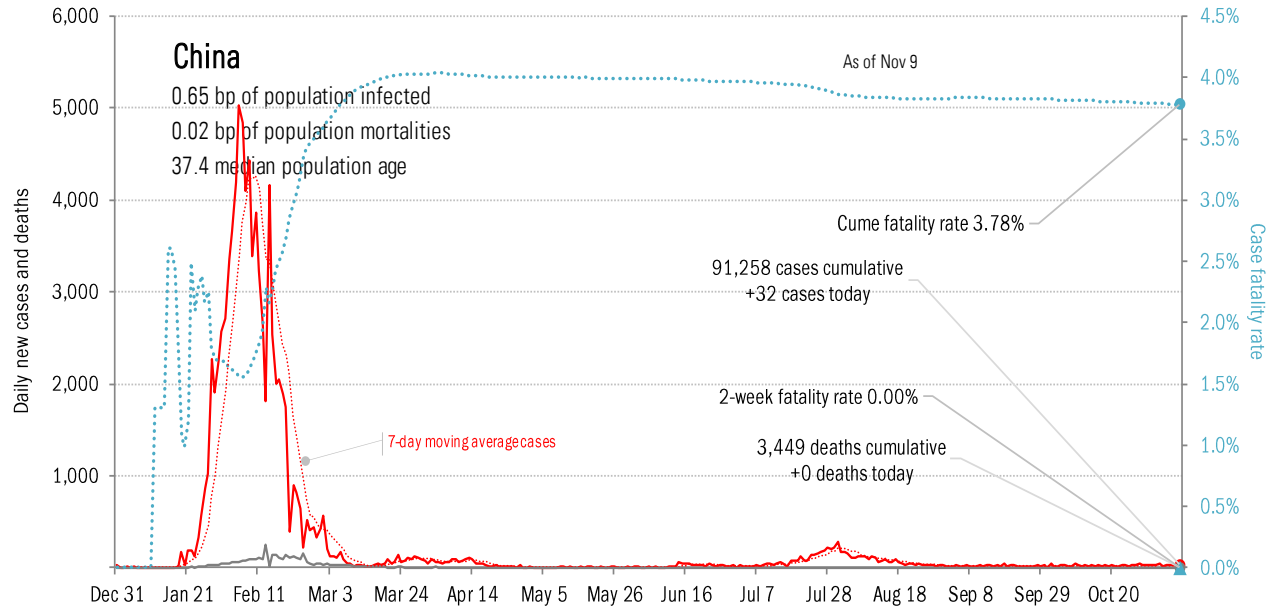
Source: [ECDC](#), TrendMacro calculations

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



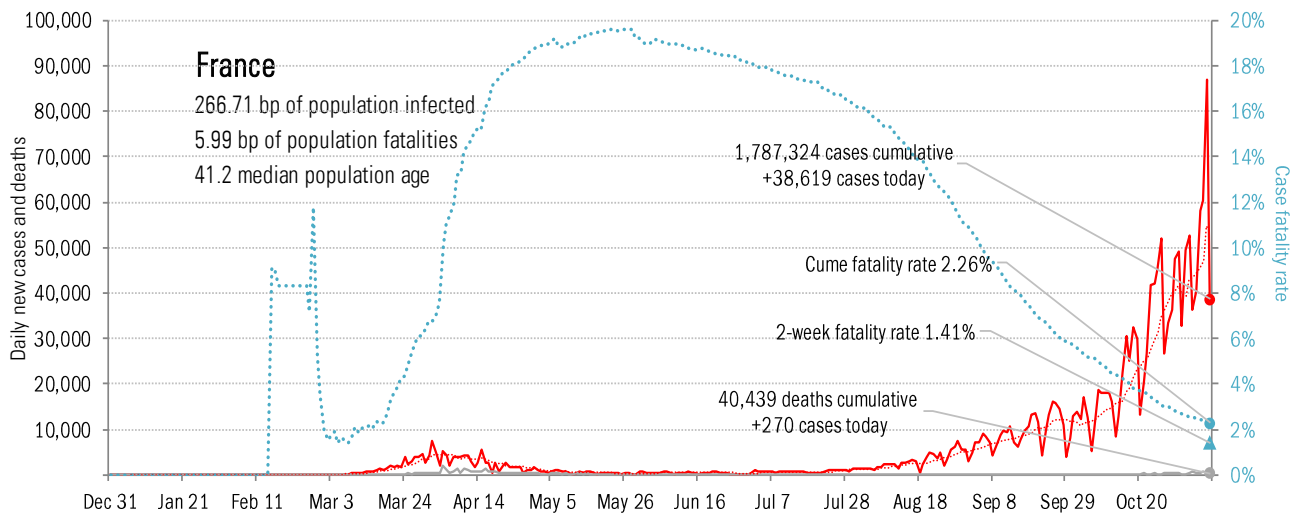
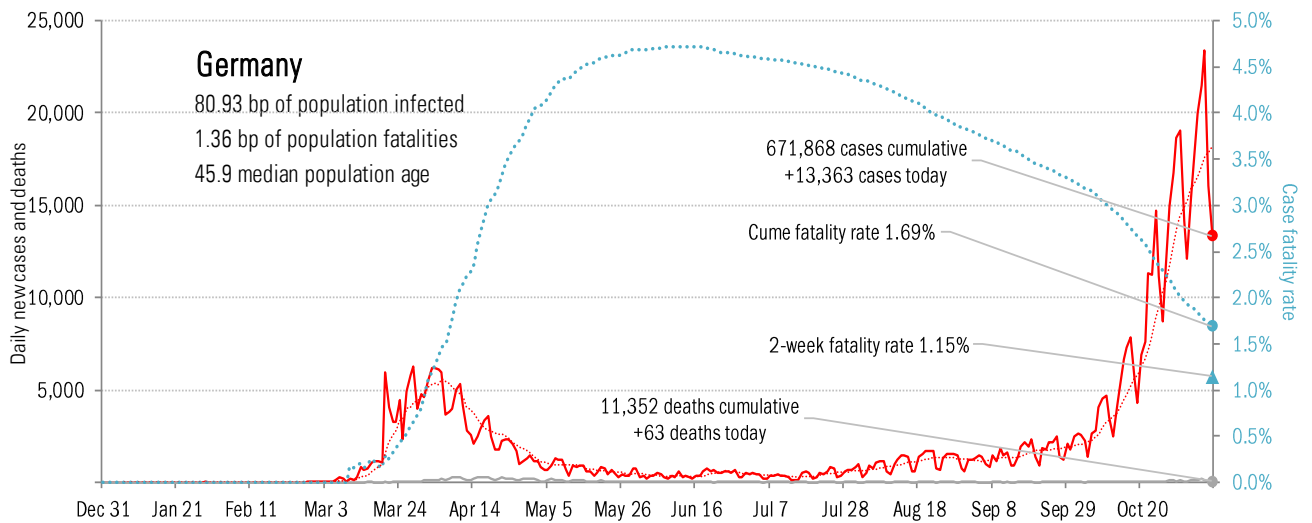
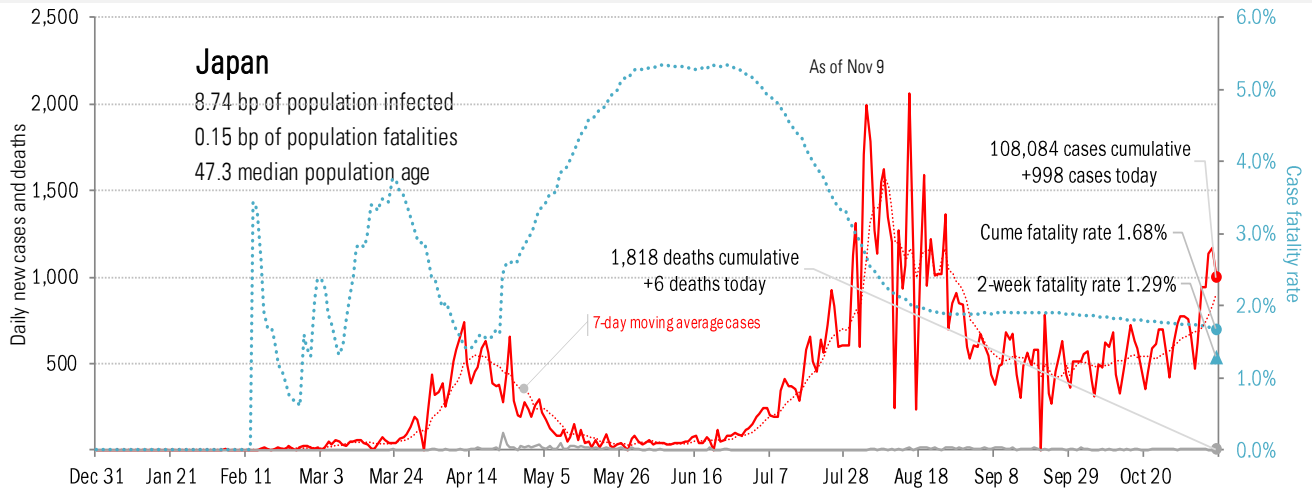
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



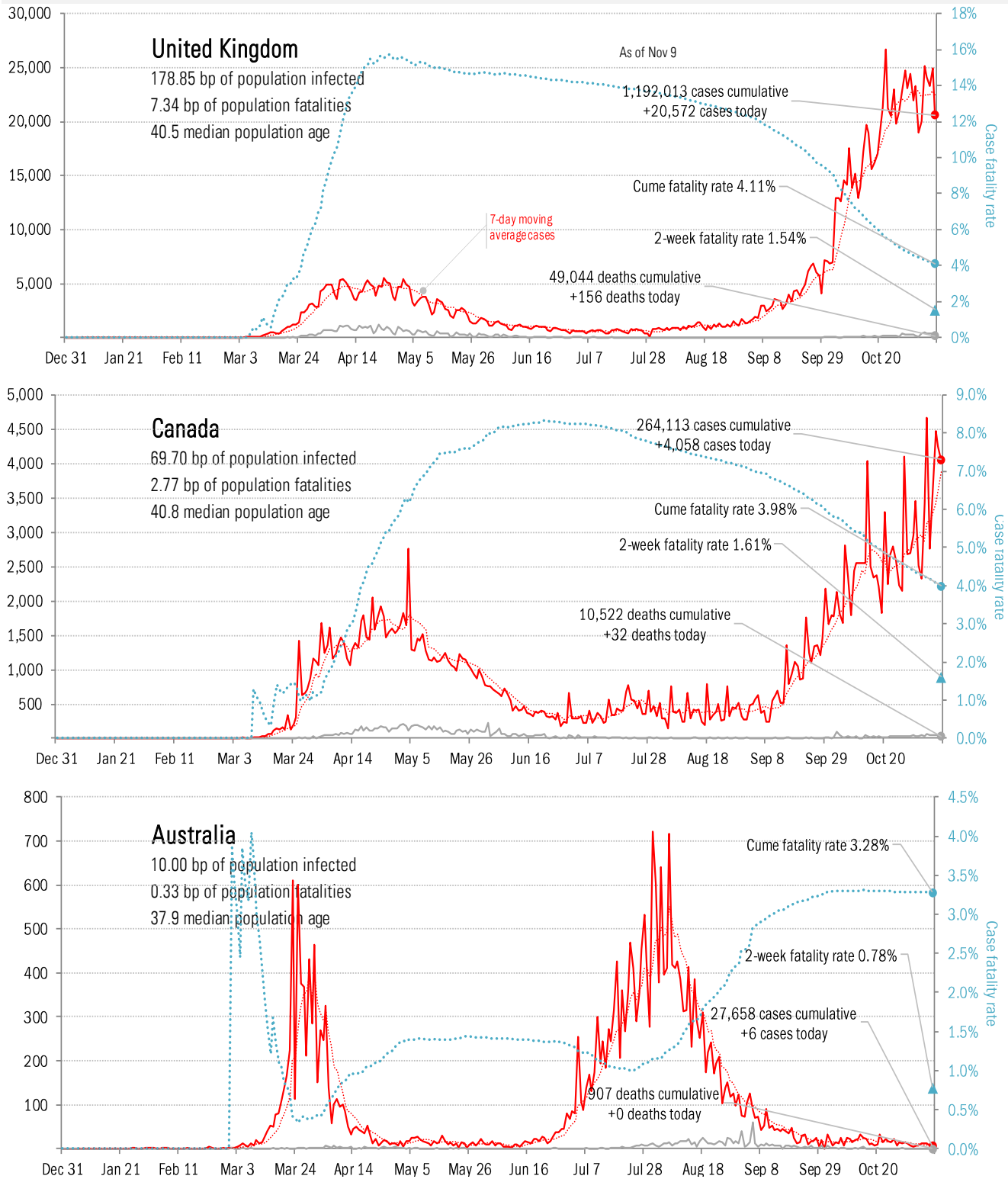
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



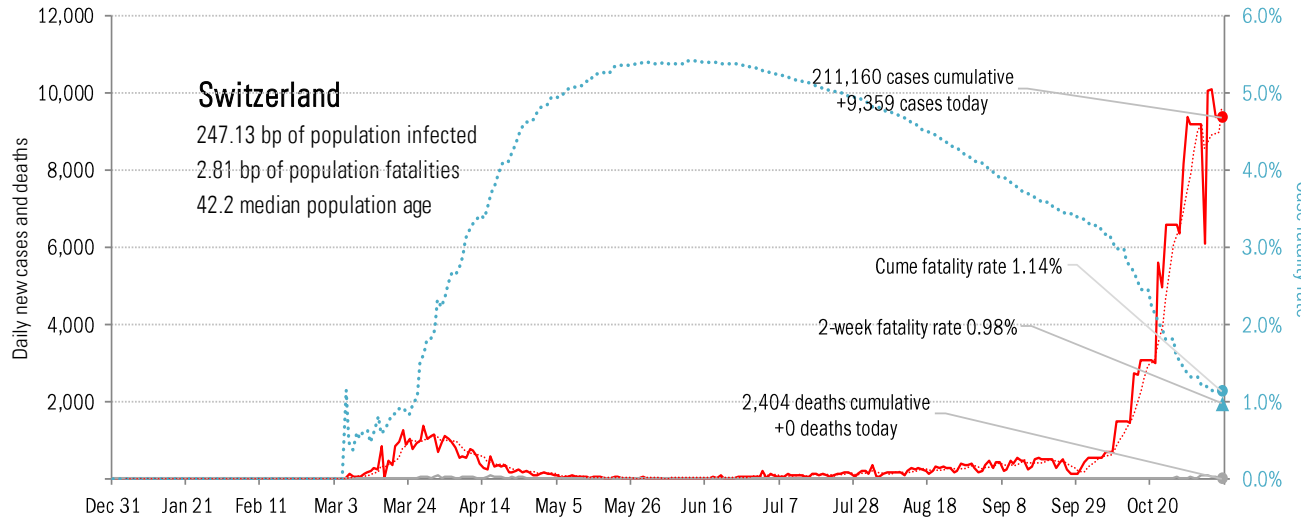
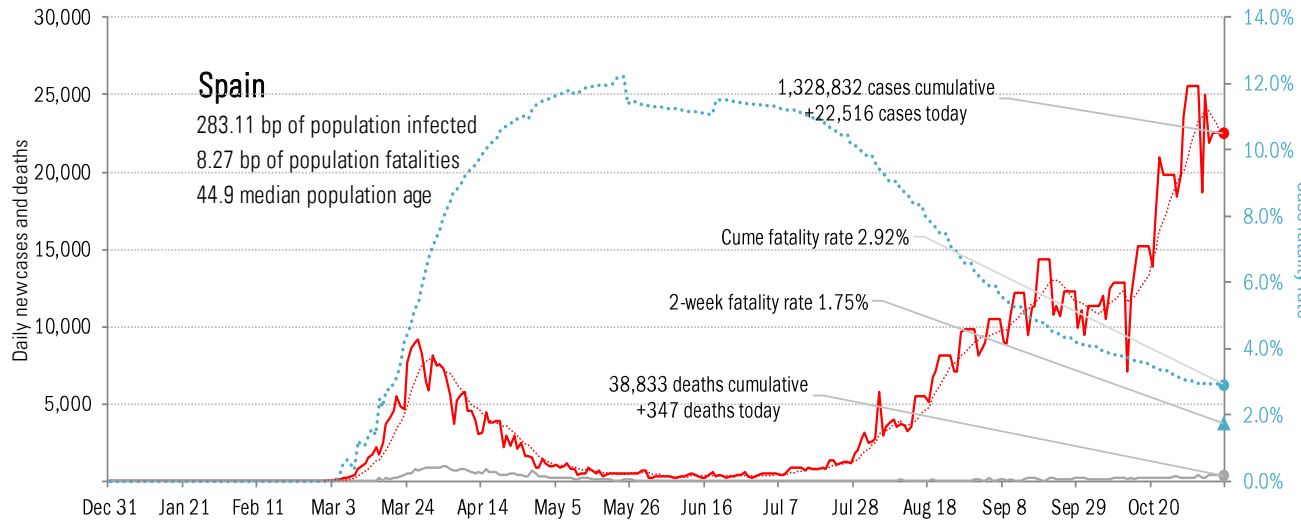
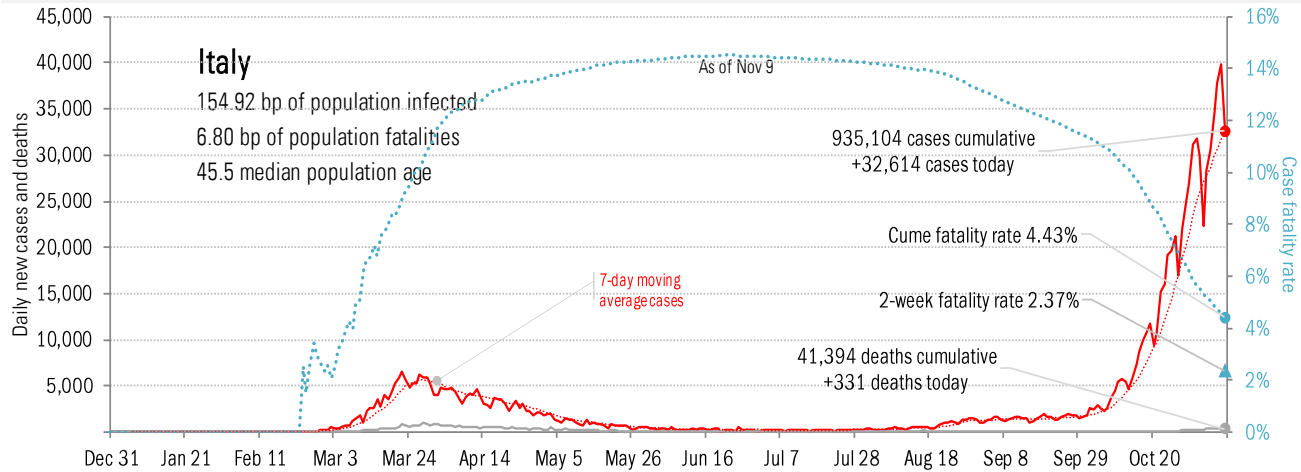
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



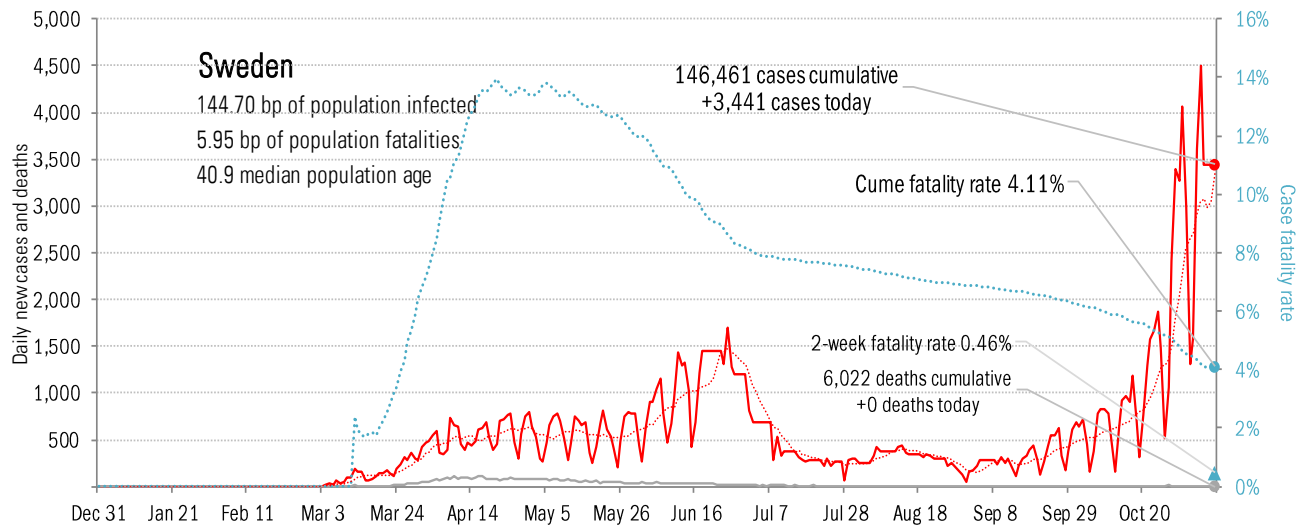
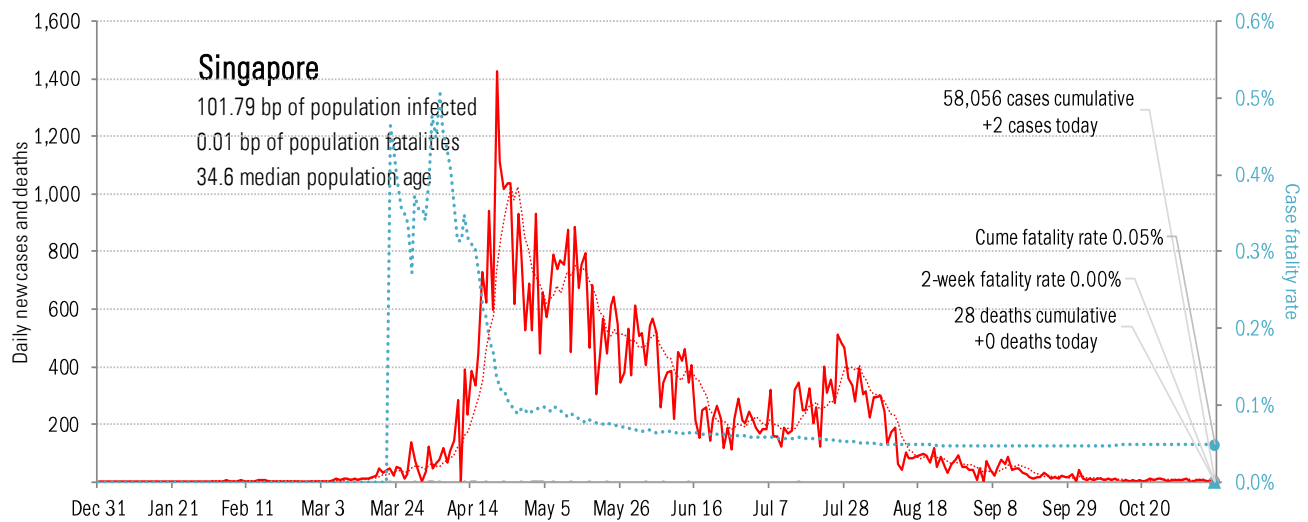
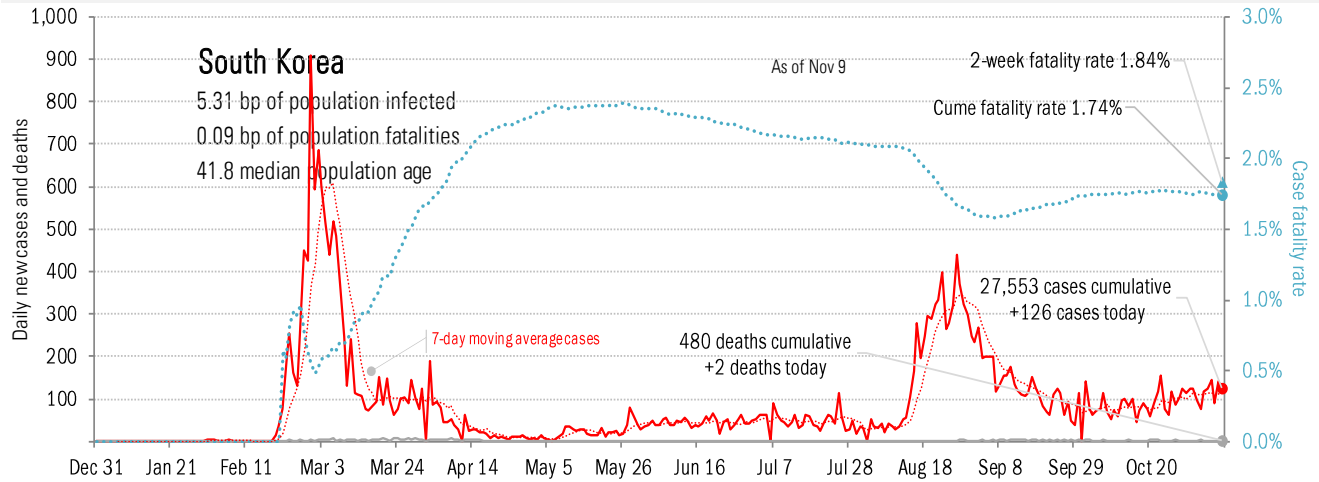
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



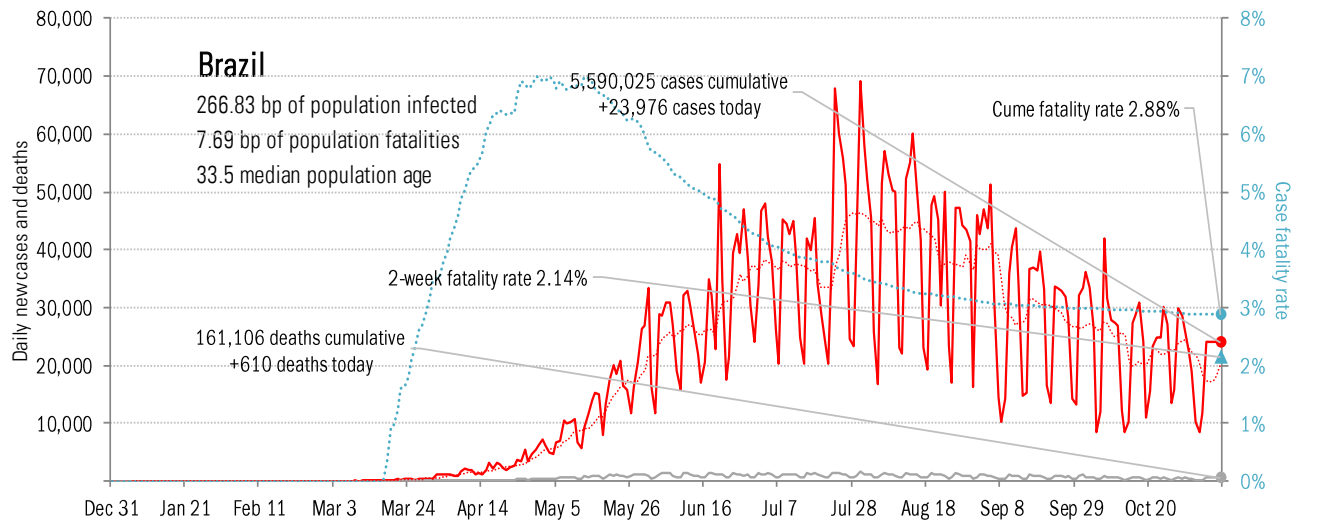
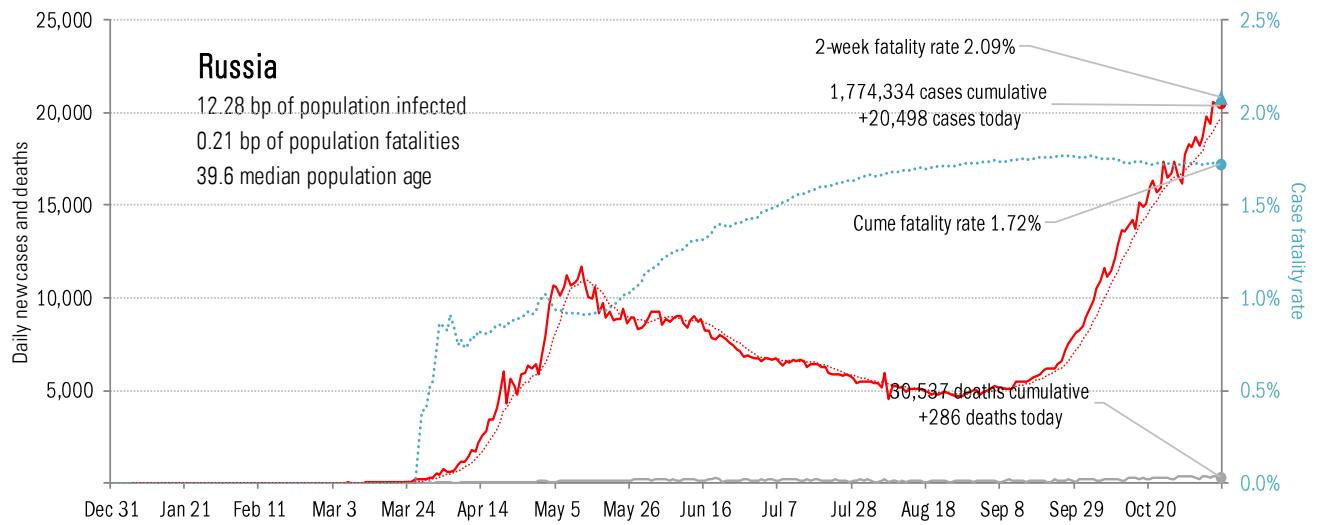
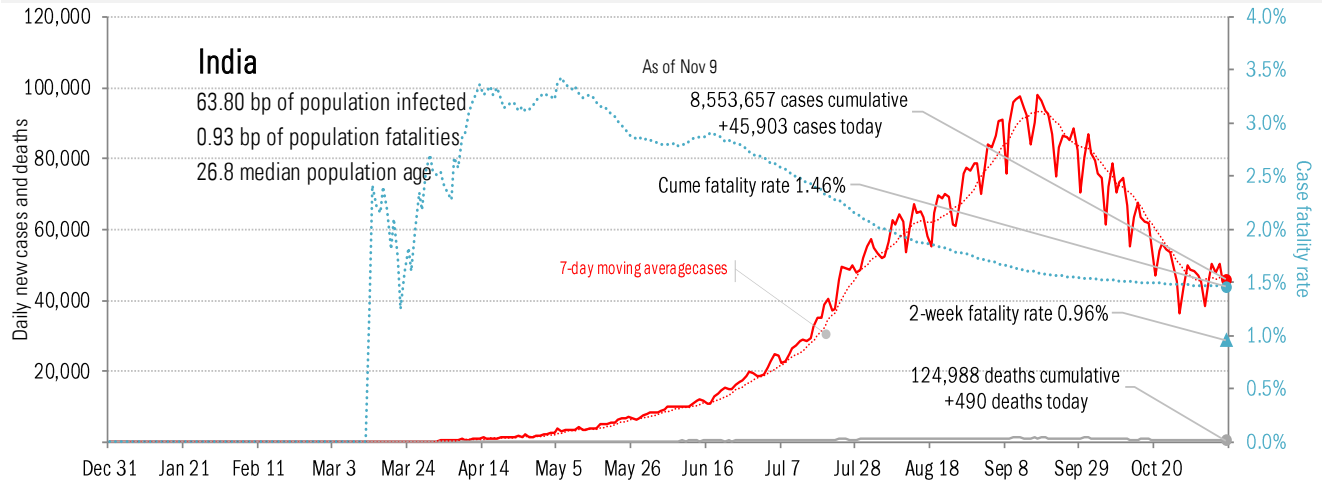
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



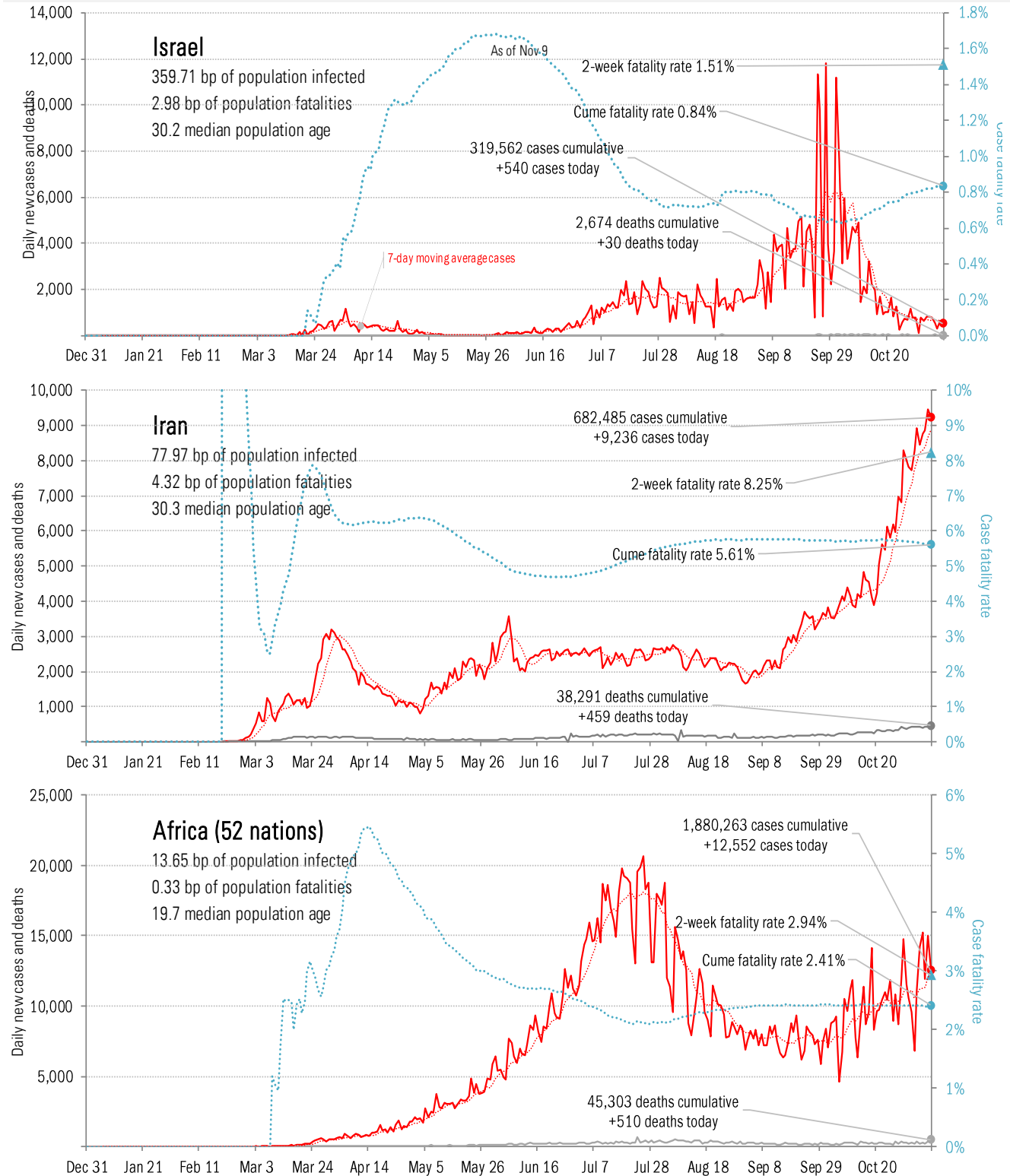
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations