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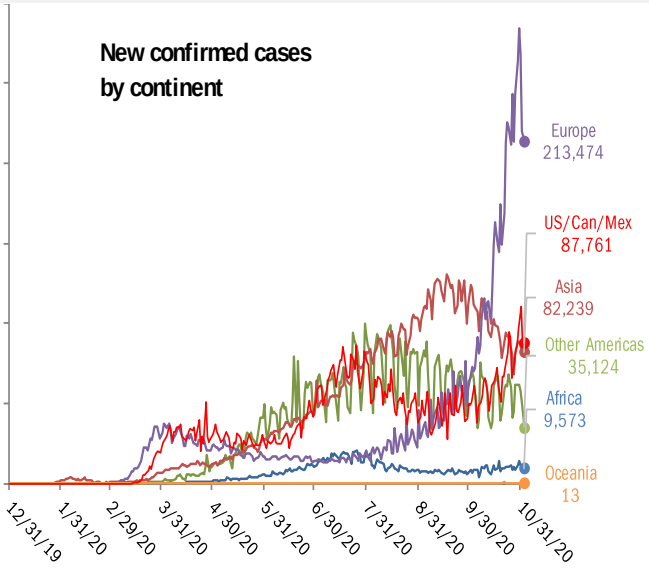
Data Insights: Covid-2019 Monitor

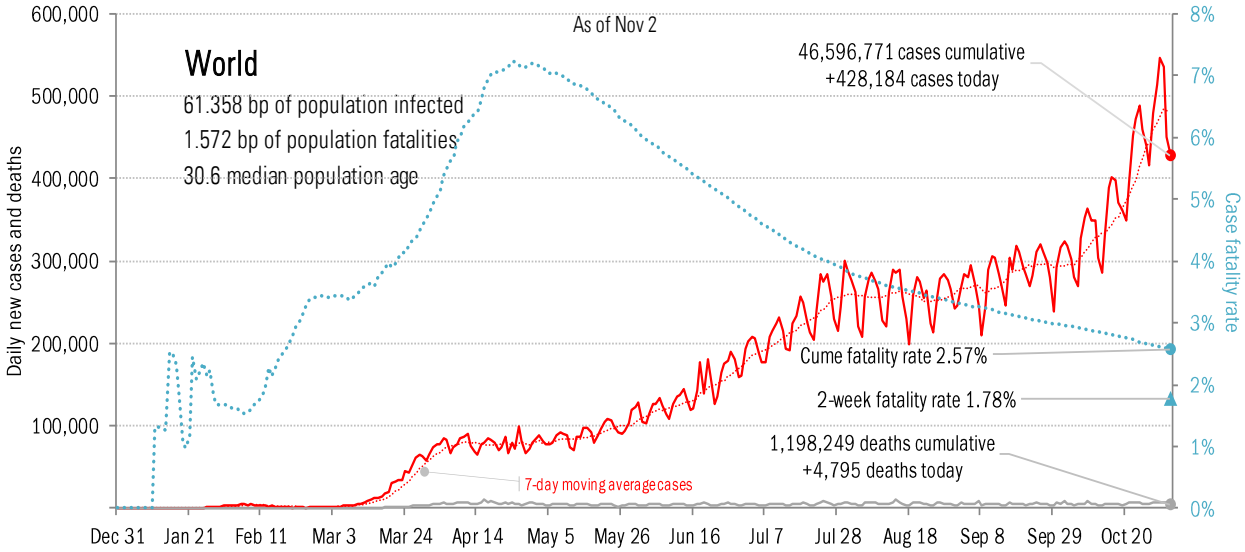
Monday, November 2, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+81,001	India	+496
France	+49,290	US	+440
India	+45,231	Iran	+434
Italy	+29,905	Russia	+245
South_Sudan	+25,595	France	+231
UK	+23,254	Italy	+208
Russia	+18,665	Colombia	+201
Poland	+17,171	Brazil	+190
Germany	+12,097	Czechia	+178
Brazil	+10,100	UK	+162
	+312,309		+2,785
World	+428,184	World	+4,795
Top ten	73%	Top ten	58%





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

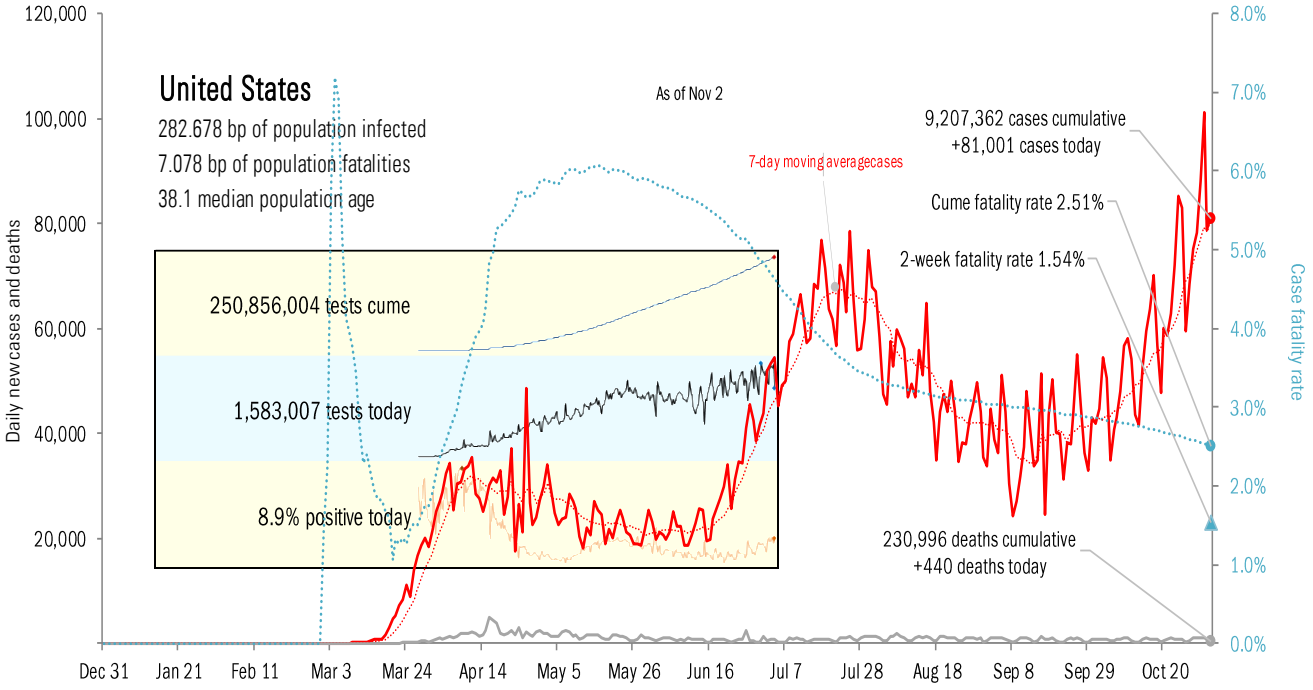
The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
IL	+6,980	TX	+53	IA	+88	CA	926,534	NY	25,824	NY	89,995
FL	+4,805	CA	+41	MO	+75	TX	904,855	TX	18,077	FL	49,981
CA	+4,529	IN	+32	FL	+73	FL	796,802	CA	17,667	NJ	37,721
TX	+4,259	FL	+28	IL	+66	NY	509,735	FL	16,997	GA	31,720
WI	+3,553	IL	+25	NE	+28	IL	423,539	NJ	16,354	AZ	21,558
OH	+3,303	MA	+22	OH	+21	GA	361,982	IL	10,075	VA	21,056
CO	+2,924	MN	+18	NM	+20	NC	276,692	MA	10,013	AL	20,450
IN	+2,750	WI	+18	UT	+20	TN	261,426	PA	8,817	OH	19,220
MO	+2,349	NY	+17	WA	+20	AZ	247,473	GA	7,981	MD	17,178
NY	+2,255	MS	+14	NJ	+14	WI	241,423	MI	7,699	IN	17,023
	+37,707		+268		+425		4,950,461		139,504		325,902
All states	+73,701	All states	+388	All states	+128	All states	9,151,390	All states	222,704	All states	476,152
Top ten	51%	Top ten	69%	Top ten	332%	Top ten	54%	Top ten	63%	Top ten	68%

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
MI	-4,018	MO	-97	TN	-353	UT	+6
TX	-2,886	WI	-45	IN	-86	AR	+4
WI	-2,255	AZ	-43	CA	-83	AL	+1
GA	-1,373	NC	-41	TX	-74	AK	+0
AR	-1,316	SC	-38	IL	-70	AS	+0



Source: States and test data Covid Tracking Project, US data ECDC, TrendMacro calculations

Recommended reading

[Jack Nicklaus questions COVID death toll, took hydroxychloroquine to combat his own virus symptoms]
Ryan Gaydos
Fox News
November 1, 2020

[Private schools in Brooklyn red zone permitted to reopen with stricter testing: Cuomo]
Robert Pozarycki
AMNY
October 30, 2020

[Colleges are slashing tuition to entice students back]
Jessica Dickler
CNBC
October 30, 2020

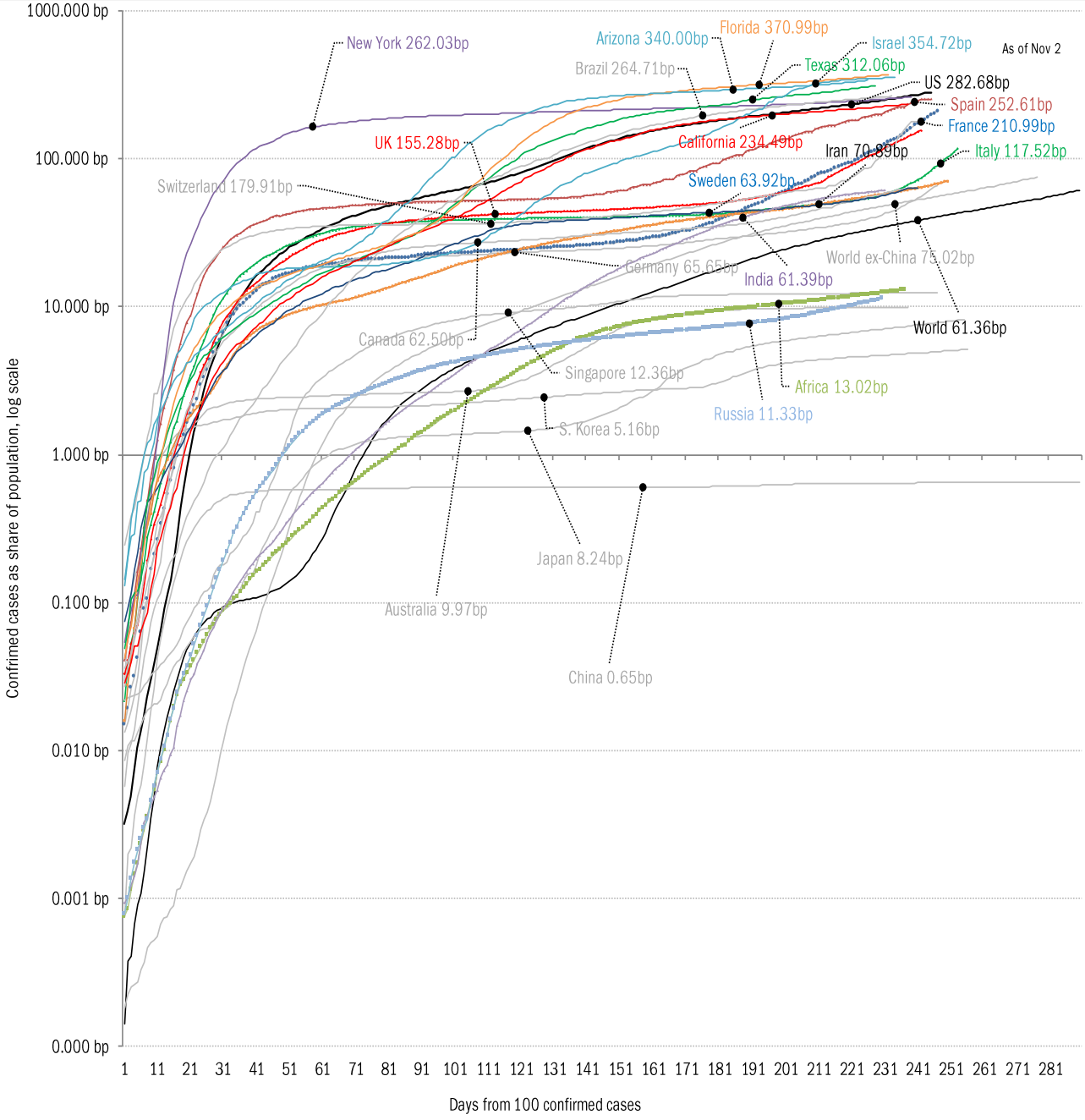
Meme of day

'That's an extra hour in bed lying awake worrying.'

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

The coronavirus case accelerometer… tracking the world's infection curves

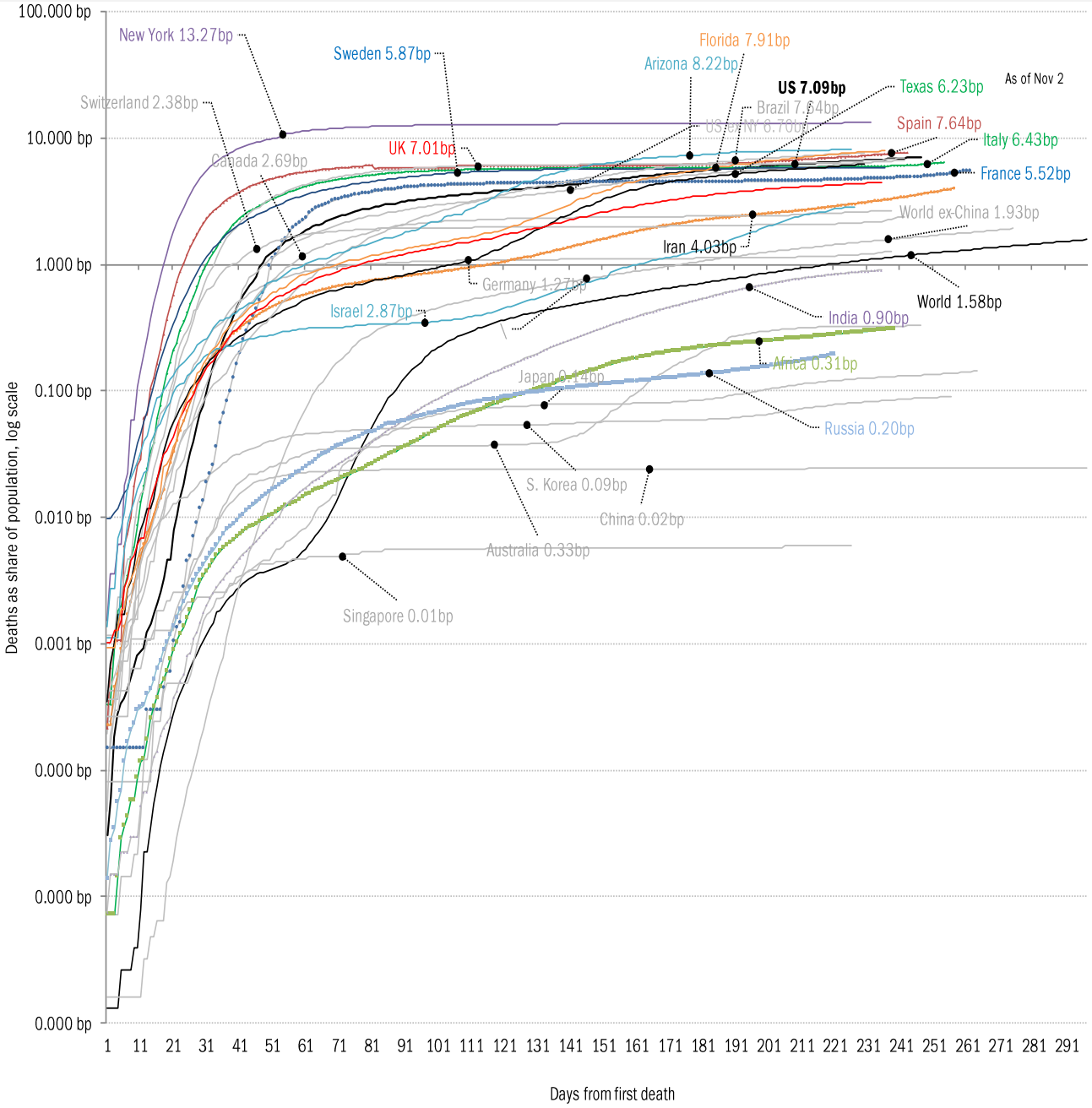
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

Share of deceased population from day of first fatality

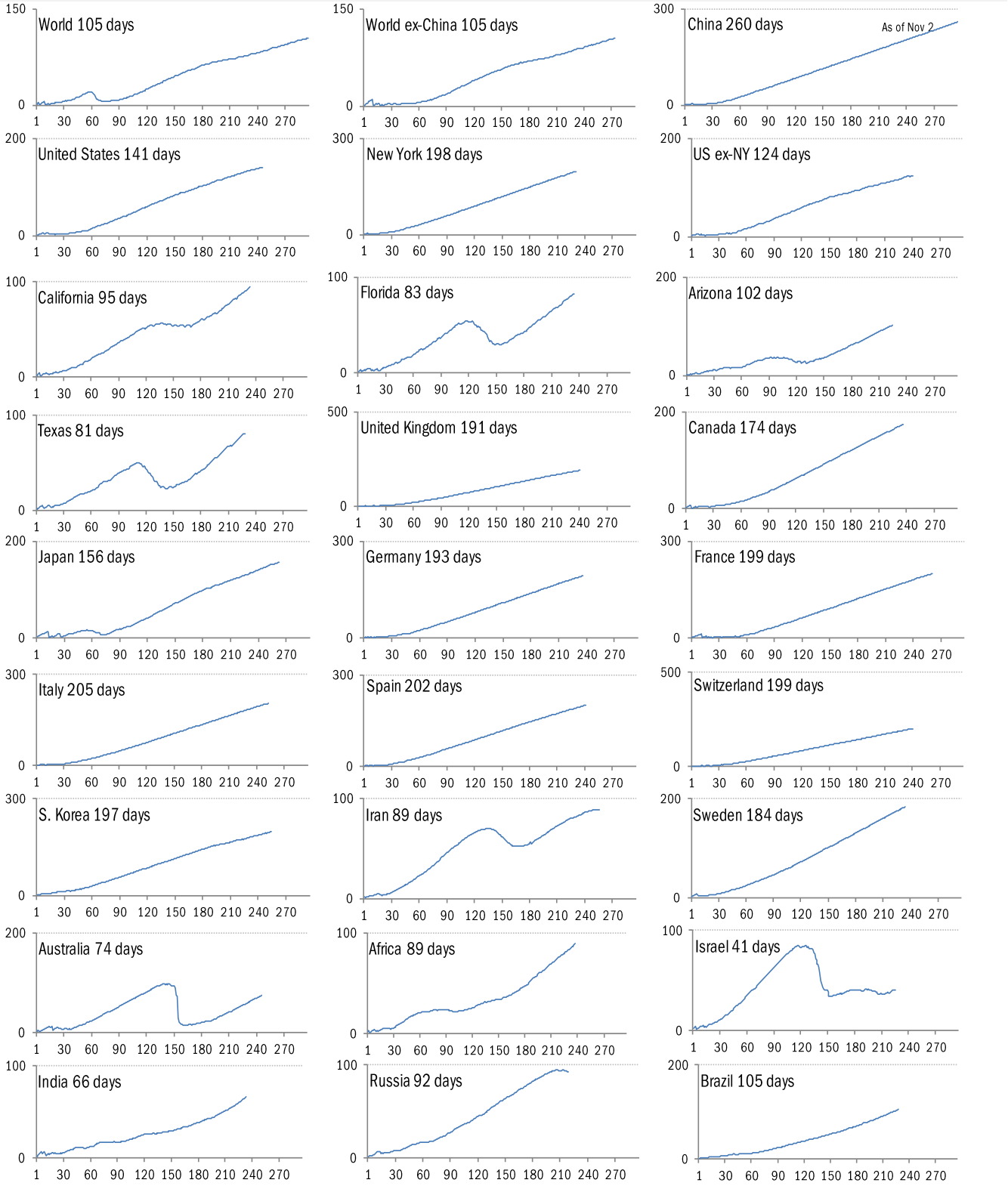


Source: ECDC, TrendMacro calculations

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

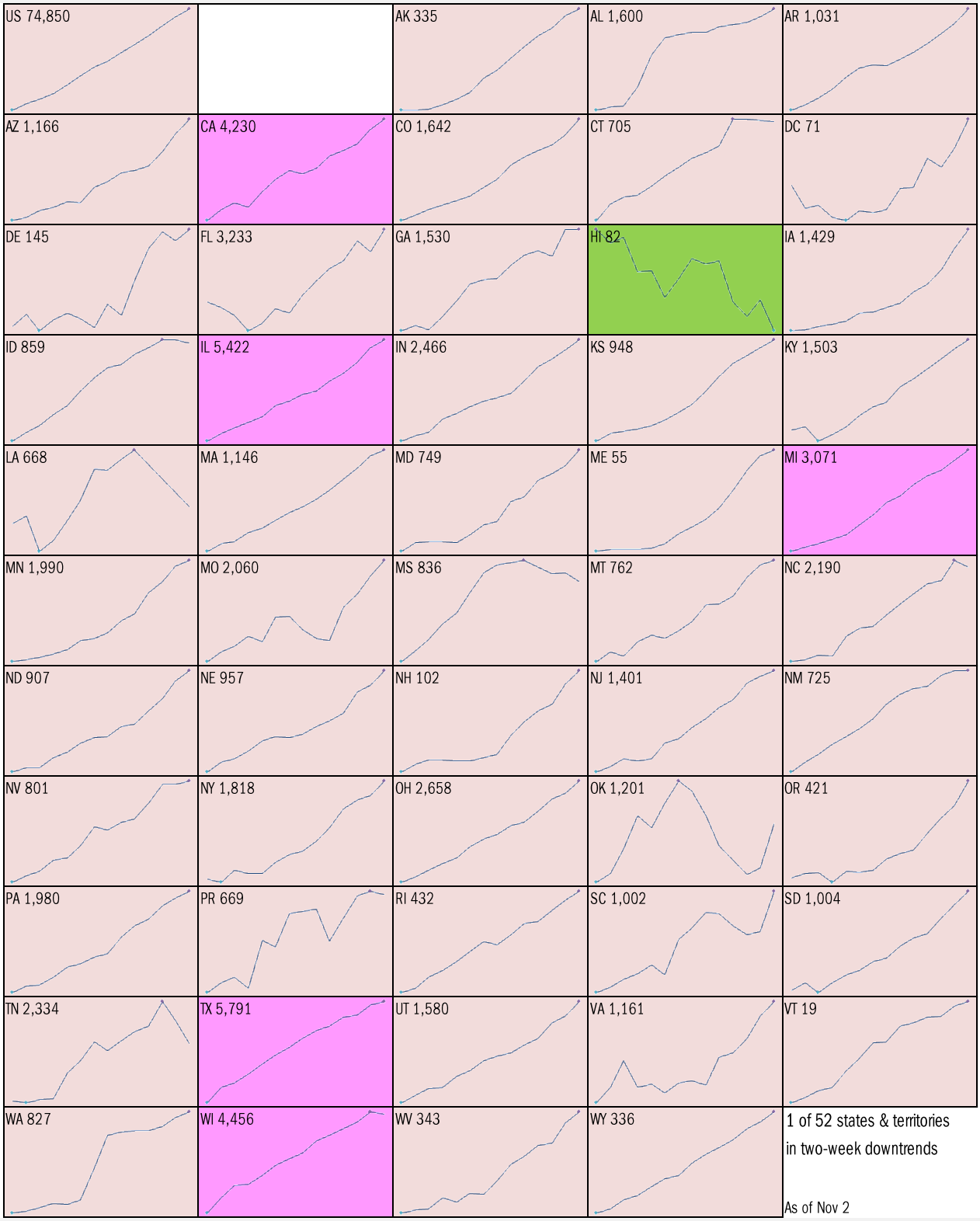


Source: ECDC, TrendMacro calculations

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

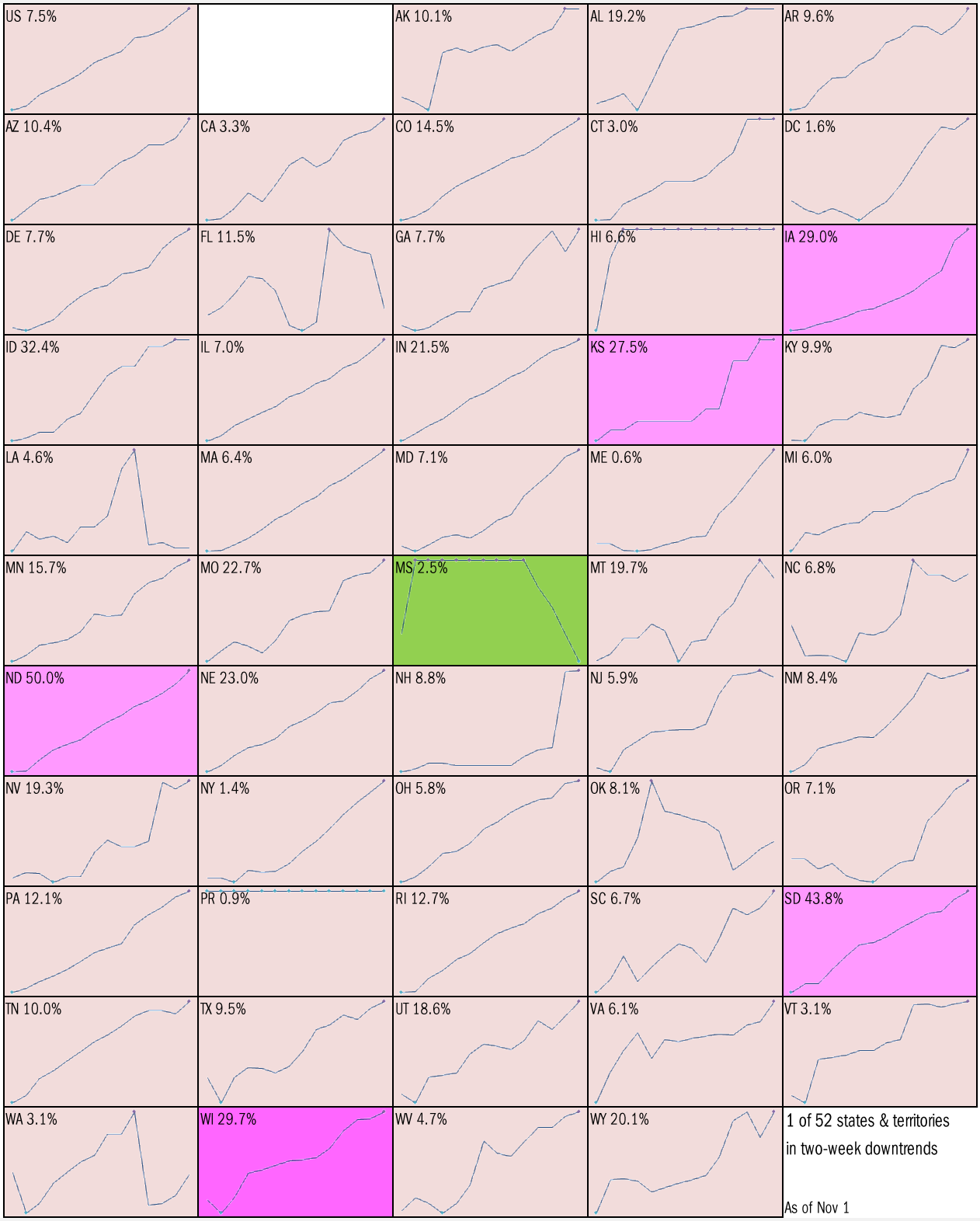


Source: Covid Tracking Project, TrendMacro calculations

Alt requirement to Open Up America Again: 14-day "downward trajectory" in pos tests

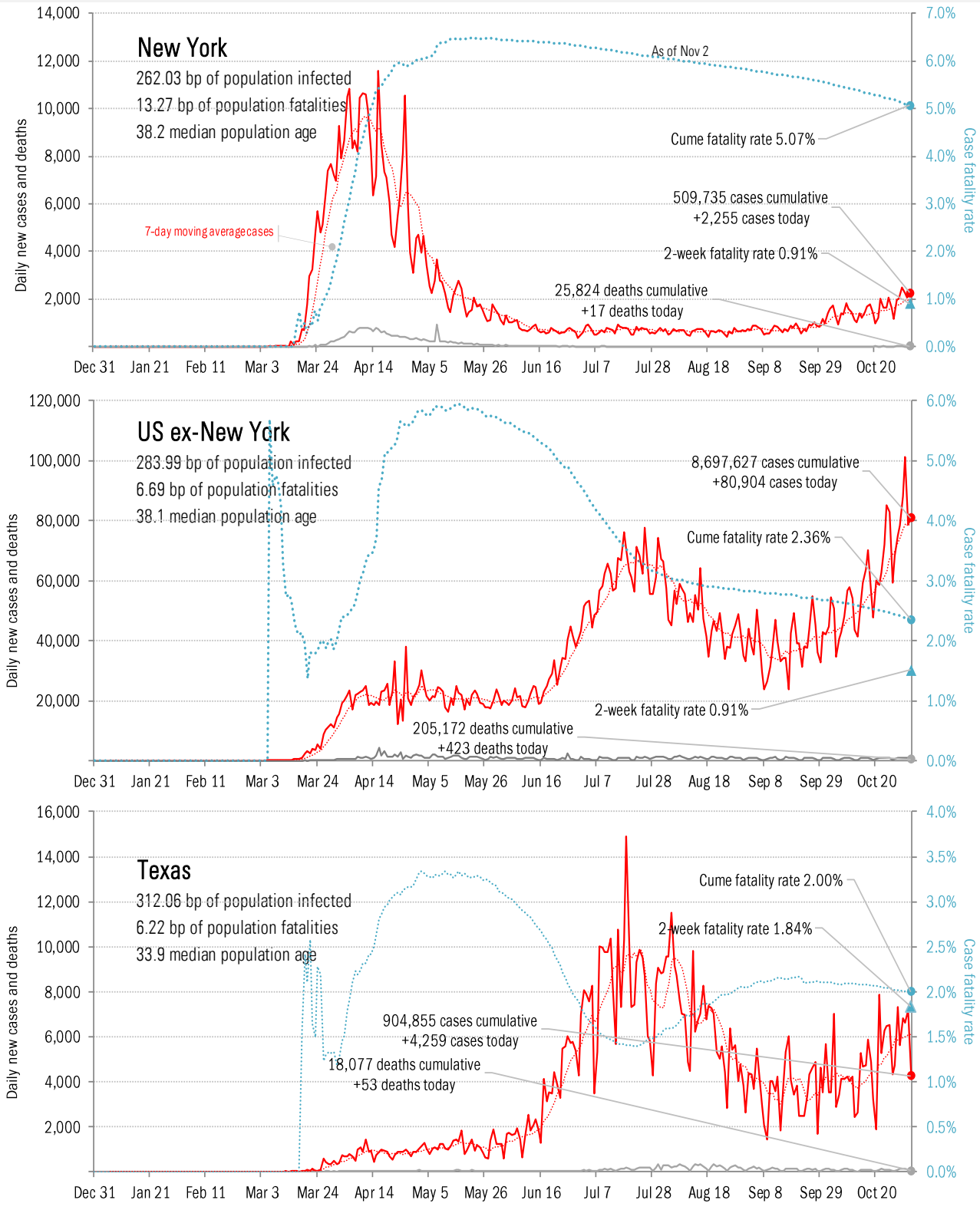
14-day moving average, last 14 days *Most recent value displayed* • High • Low

Downward trajectory Five best Upward trajectory Five worst



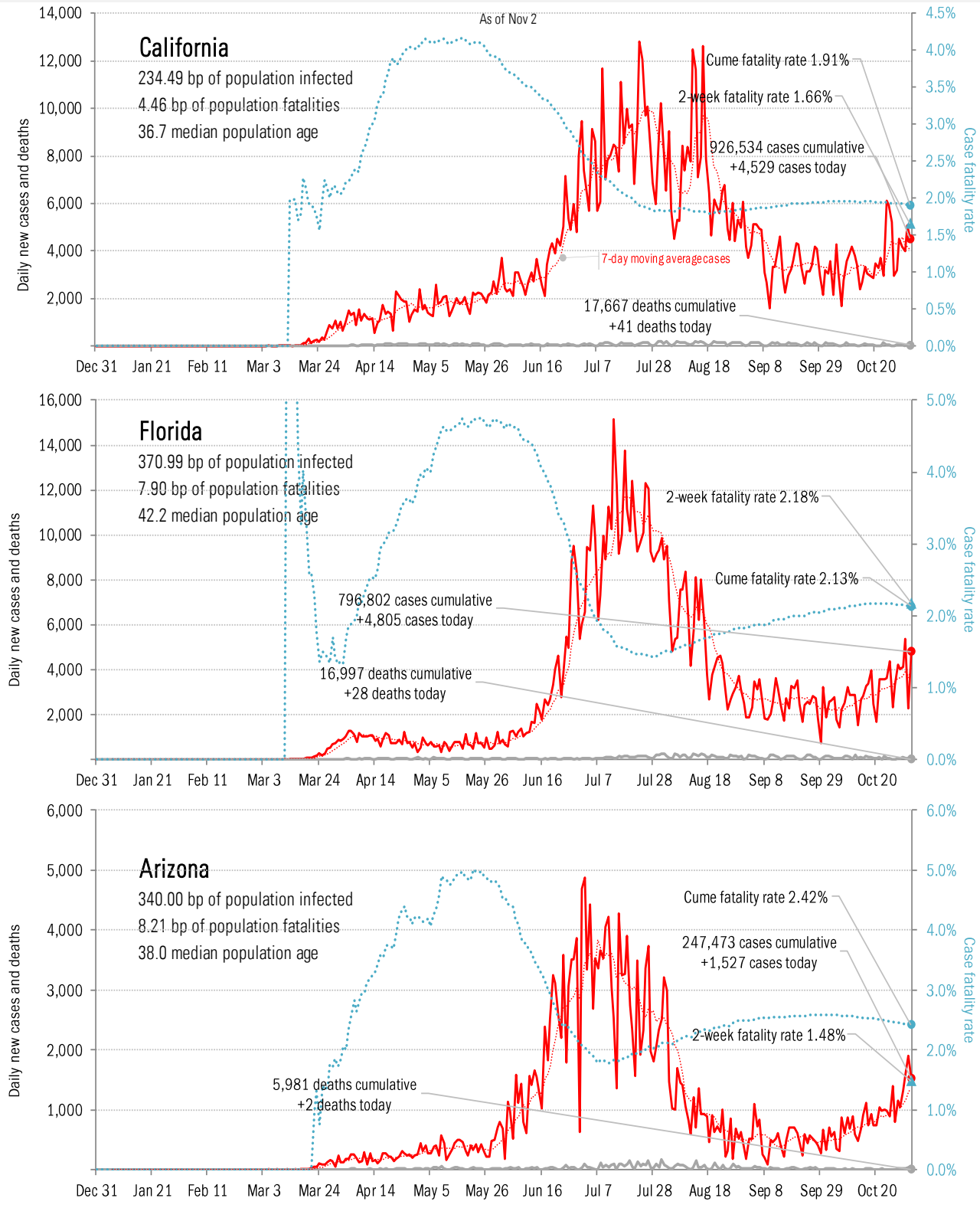
Source: Covid Tracking Project, TrendMacro calculations

From Ground Zero to the Rio Grande



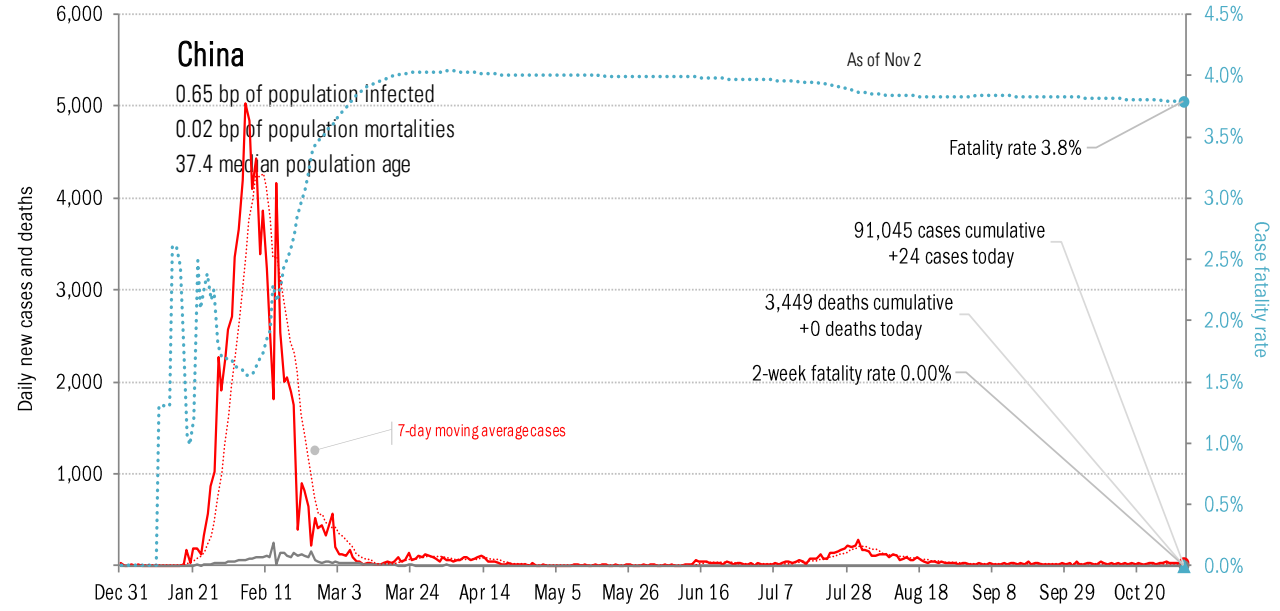
Source: ECDC, TrendMacro calculations

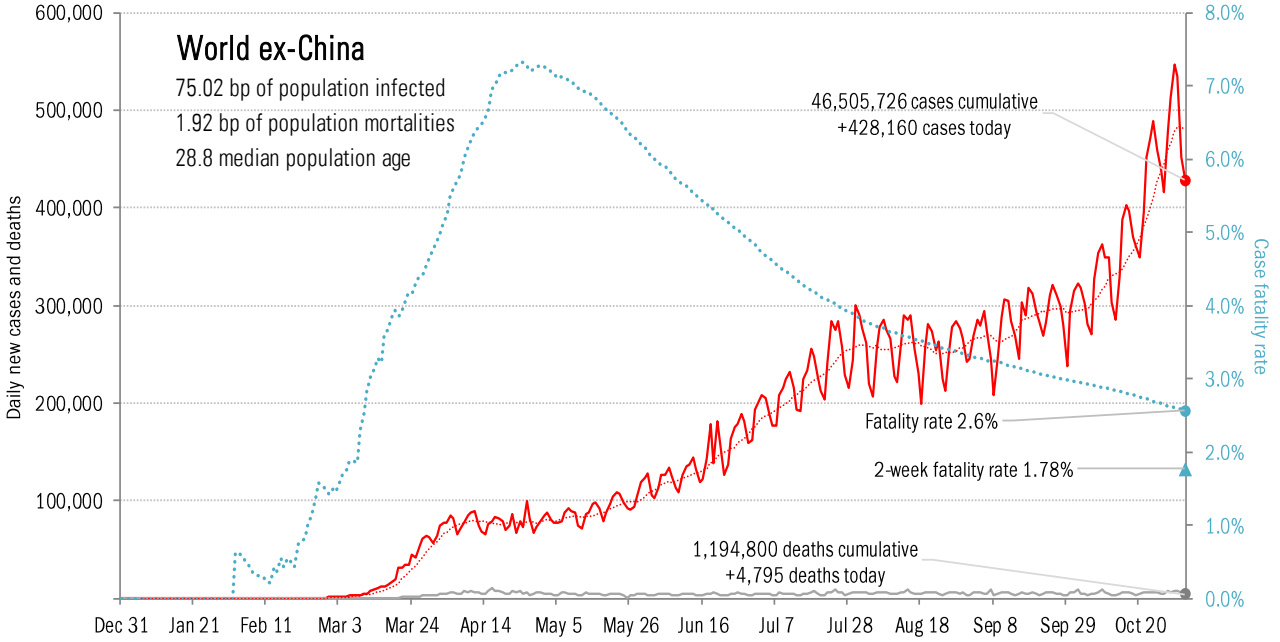
The sun-belt hot-spot states (other than Texas)



Source: ECDC, TrendMacro calculations

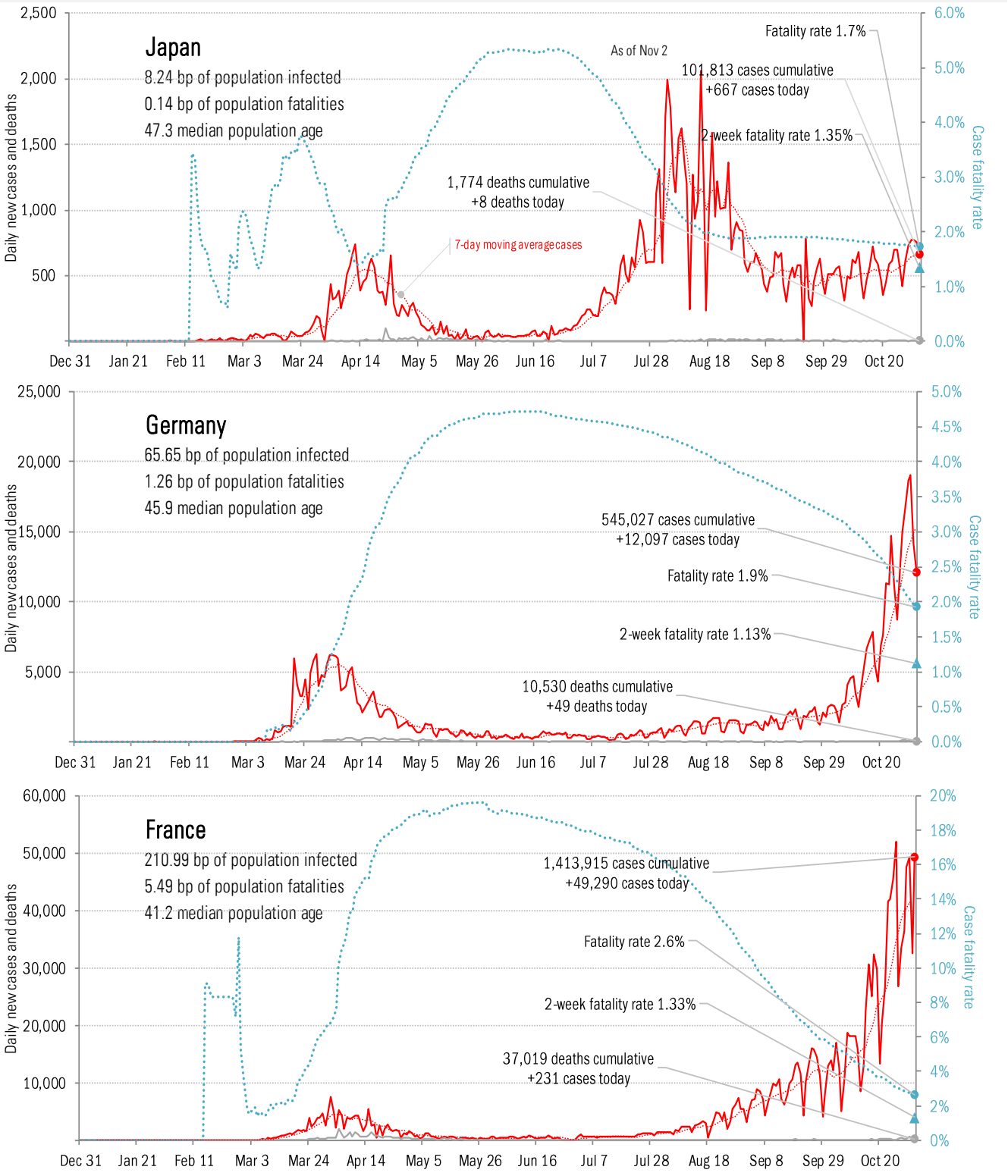
Patient zero… and then everyone else





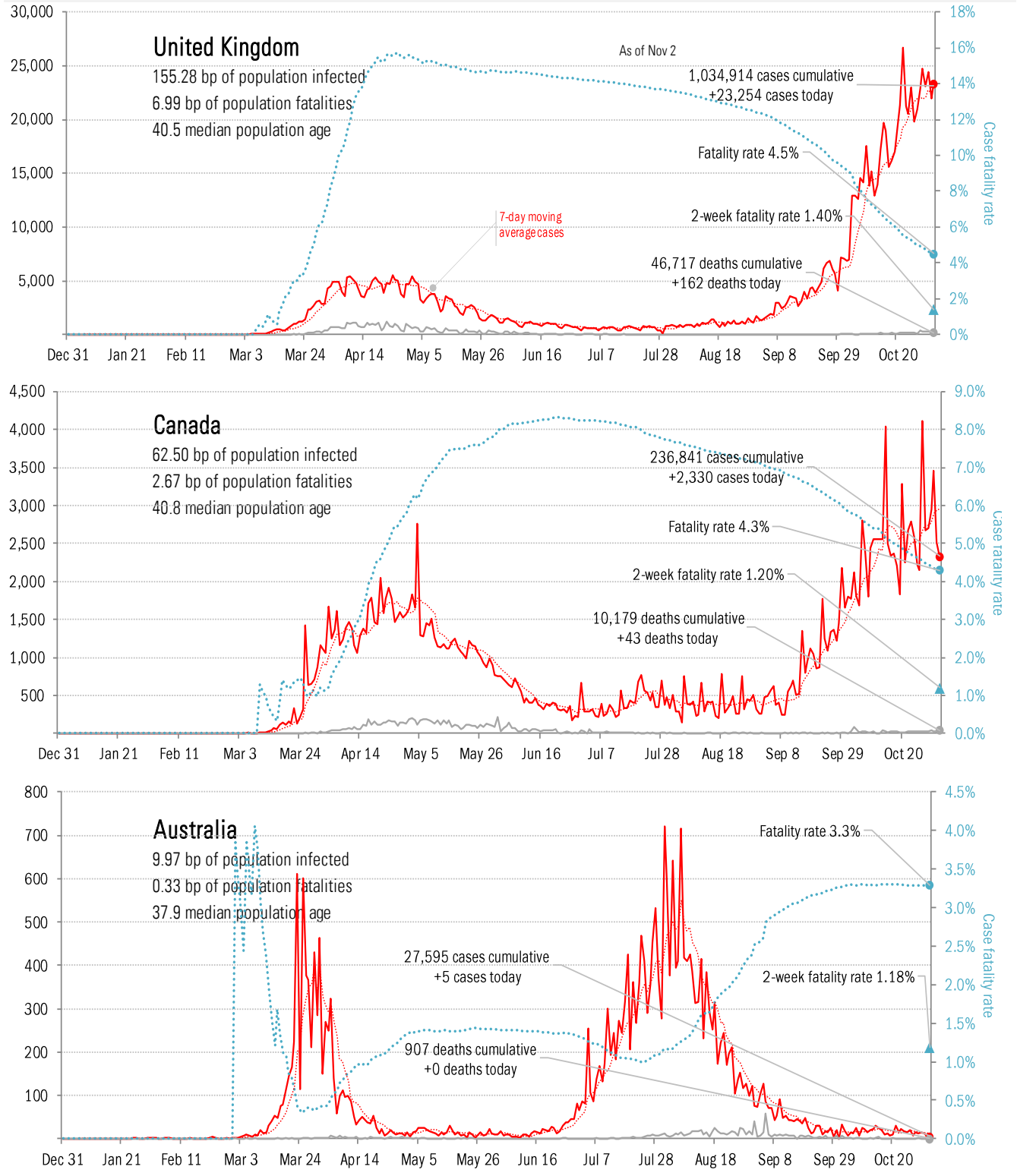
Source: ECDC, TrendMacro calculations

Impact in the largest economies



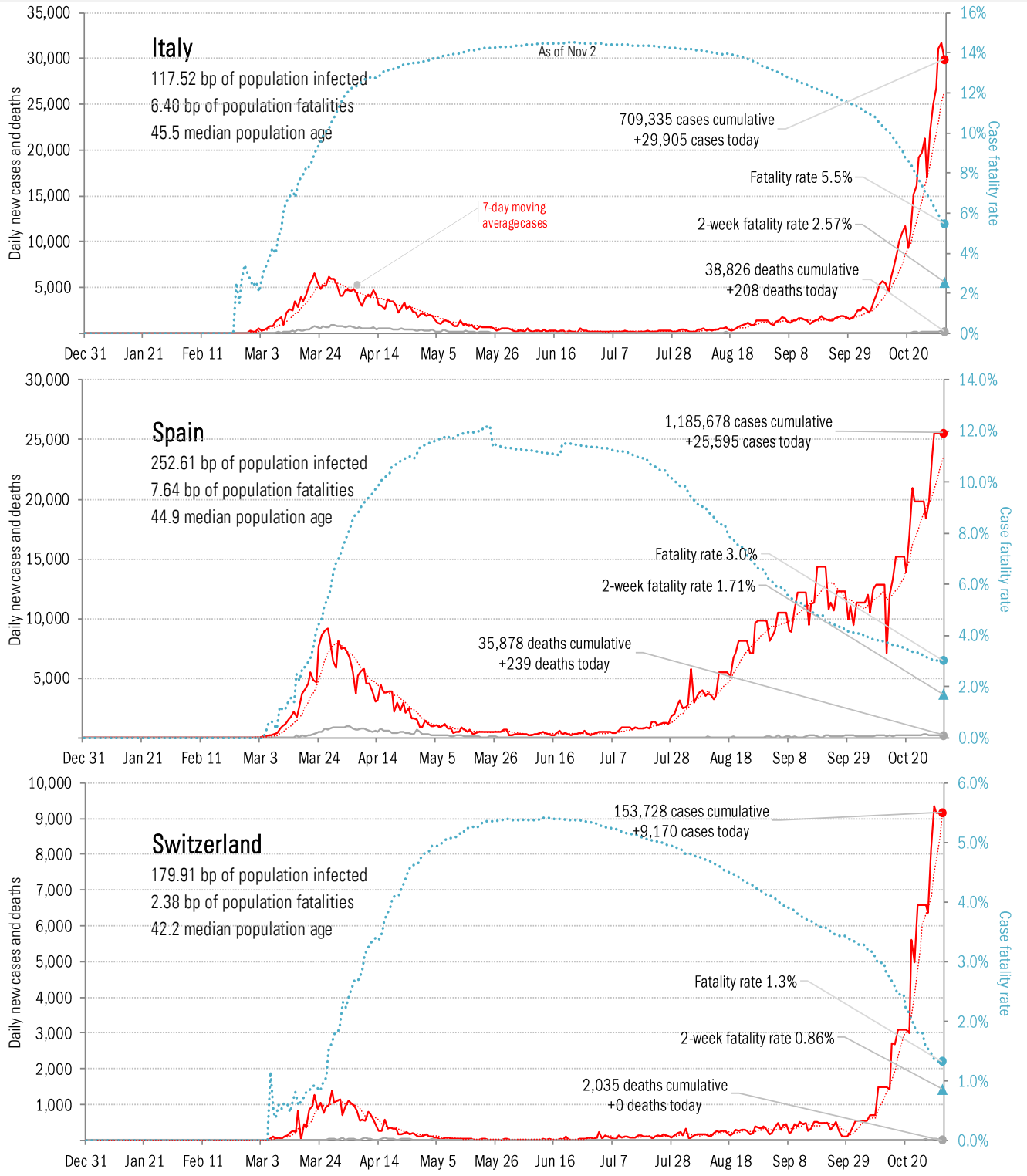
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



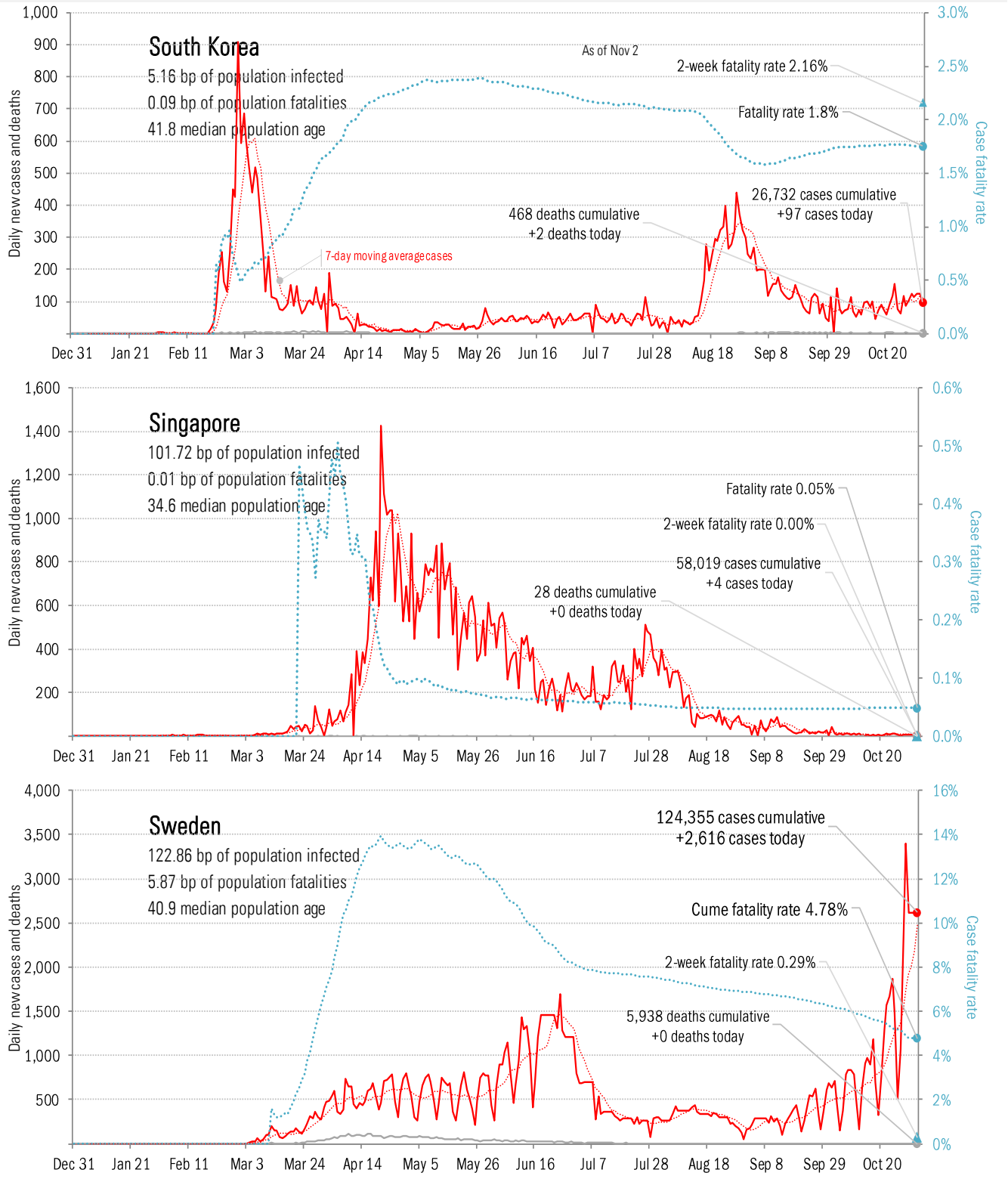
Source: ECDC, TrendMacro calculations

Impact in continental Europe



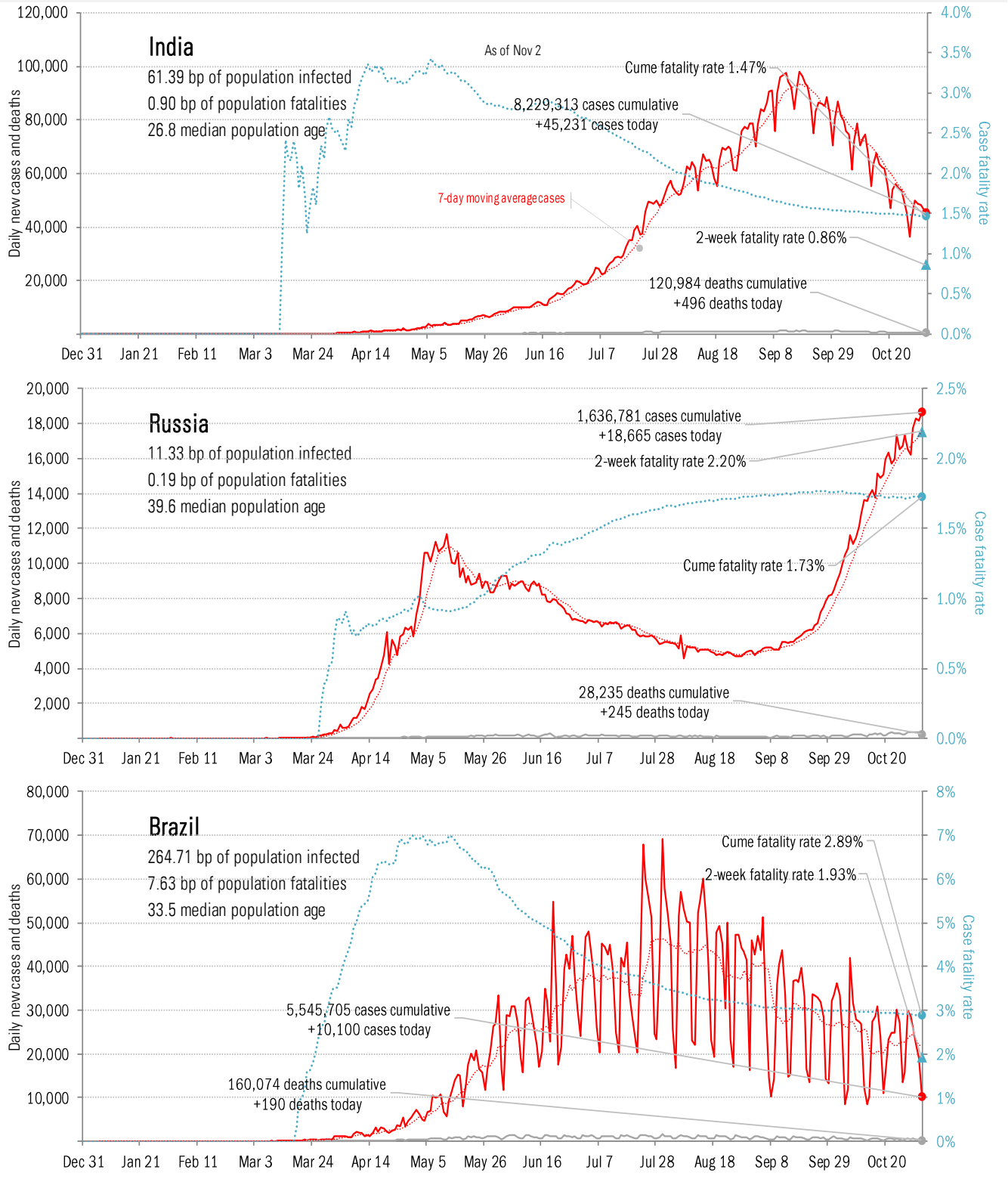
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



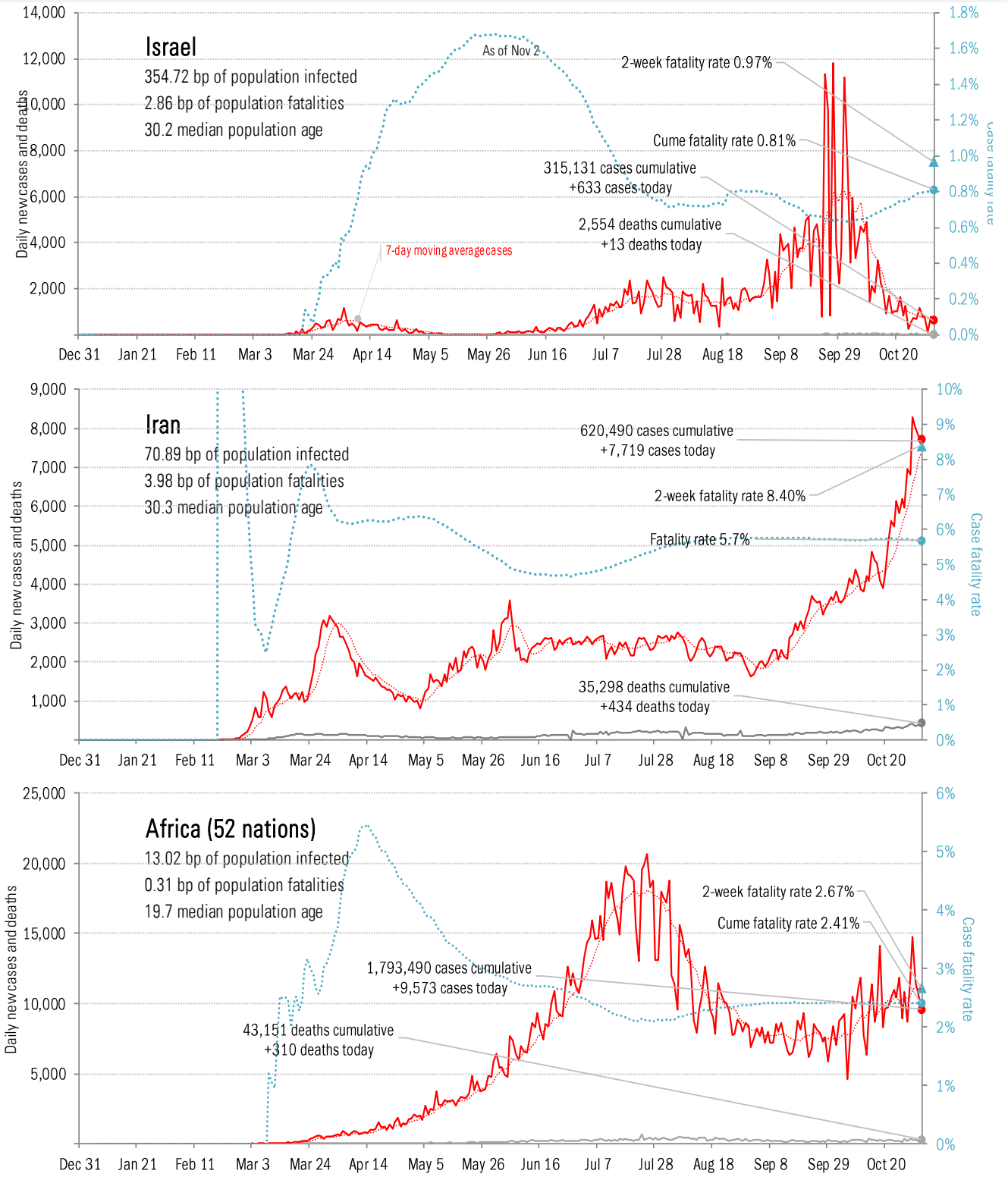
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations