Trend Macrolytics, LLC
Donald Luskin, Chief Investment Officer
Thomas Demas, Managing Director
Michael Warren, Energy Strategist

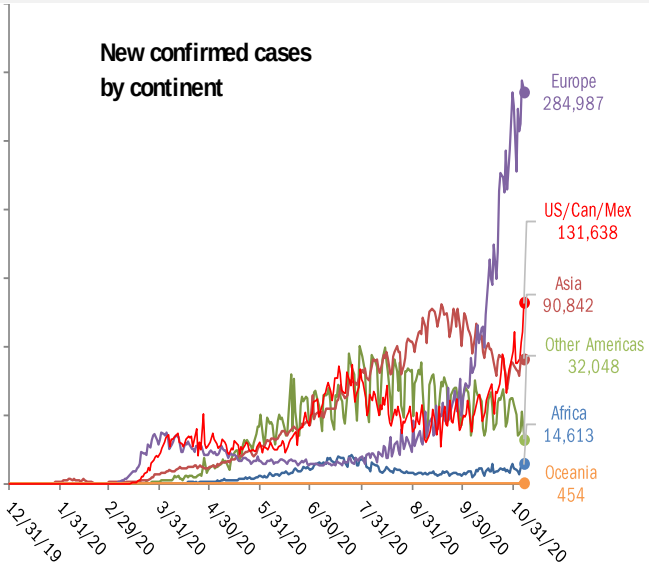
Data Insights: Covid-2019 Monitor

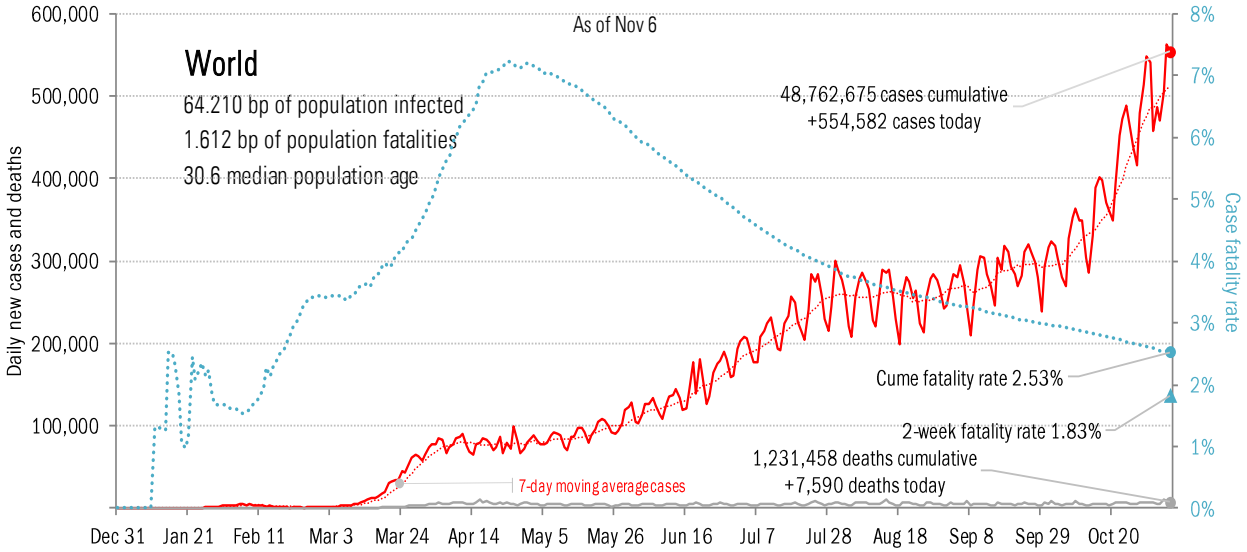
Friday, November 6, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+122,436	US	+1,208
France	+58,046	India	+670
India	+47,638	Mexico	+544
Italy	+34,502	Italy	+428
Poland	+27,143	Iran	+406
UK	+24,138	UK	+378
Spain	+21,908	Poland	+367
Germany	+21,506	France	+363
Russia	+19,404	Russia	+292
Czechia	+13,229	Argentina	+246
	+389,950		+4,902
World	+554,582	World	+7,590
Top ten	70%	Top ten	65%





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

Copyright 2020 Trend Macrolytics LLC. All rights reserved. This document is not to be forwarded to individuals or organizations not authorized by Trend Macrolytics LLC to receive it. For information purposes only; not to be deemed to be recommendations for buying or selling specific securities or to constitute personalized investment advice. Derived from sources deemed to be reliable, but no warranty is made as to accuracy.

The US scorecard

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

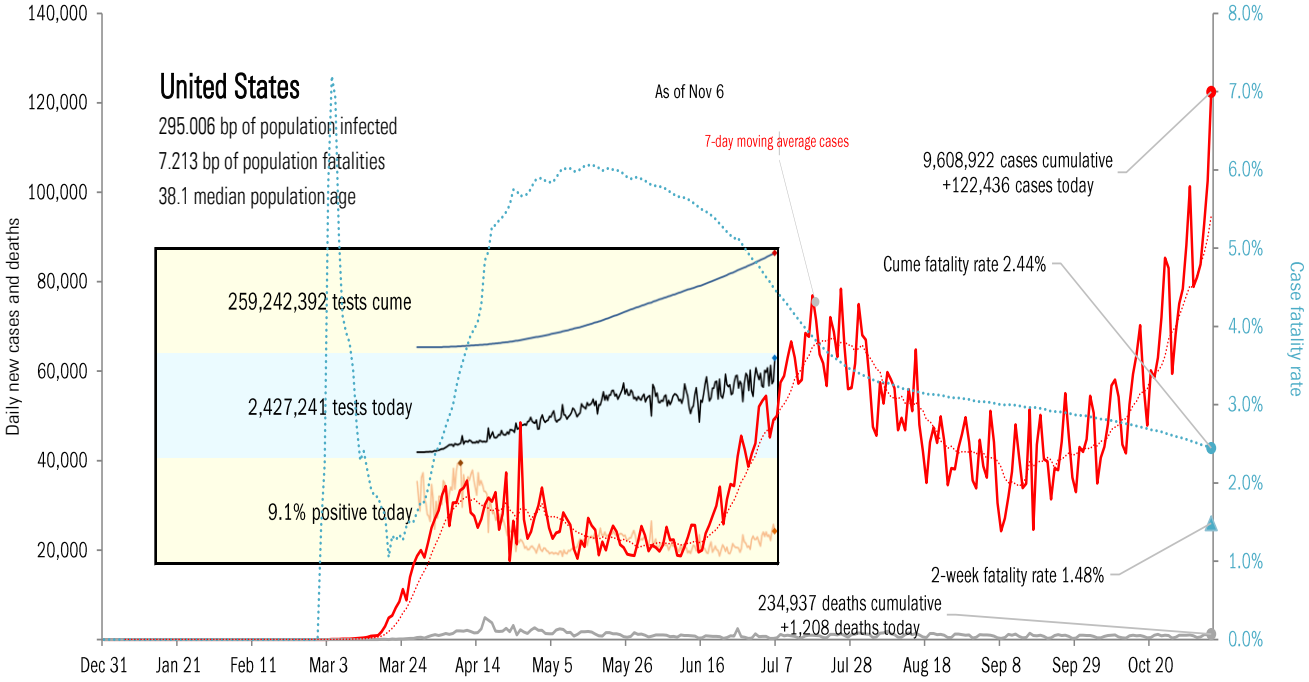
The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
IL	+9,935	TX	+133	MO	+142	CA	944,576	NY	25,892	NY	89,995
TX	+8,594	IL	+97	ID	+141	TX	934,994	TX	18,453	FL	50,670
WI	+6,284	CA	+63	IL	+130	FL	816,376	CA	17,815	NJ	38,055
FL	+6,120	GA	+56	OH	+93	NY	518,812	FL	17,170	GA	32,217
MI	+6,103	MI	+51	OR	+85	IL	453,750	NJ	16,403	VA	22,353
OH	+4,961	IN	+47	TX	+82	GA	368,368	IL	10,313	AZ	21,831
CA	+4,566	PA	+47	PA	+68	NC	285,661	MA	10,085	AL	21,027
IN	+4,412	NC	+41	MI	+65	TN	271,771	PA	8,937	OH	20,015
IA	+3,992	WI	+40	IA	+62	WI	263,571	GA	8,578	IN	17,798
MN	+3,942	FL	+39	CA	+52	AZ	252,768	MI	7,833	MD	17,435
	+58,909		+614		+920		5,110,647		141,479		331,396
All states	+116,255	All states	+1,124	All states	+1,273	All states	9,541,148	All states	226,955	All states	487,415
Top ten	51%	Top ten	55%	Top ten	72%	Top ten	54%	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	
KS	-2,988	KS	-41	KS	-194	TX	+5,025
TN	-1,476	OH	-22	TN	-122	MA	+4,592
TX	-1,033	WI	-18	MI	-91	WI	+4,038
CA	-772	AR	-12	CA	-88	TN	+2,905
NJ	-470	WY	-12	AZ	-74	OH	+2,231



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

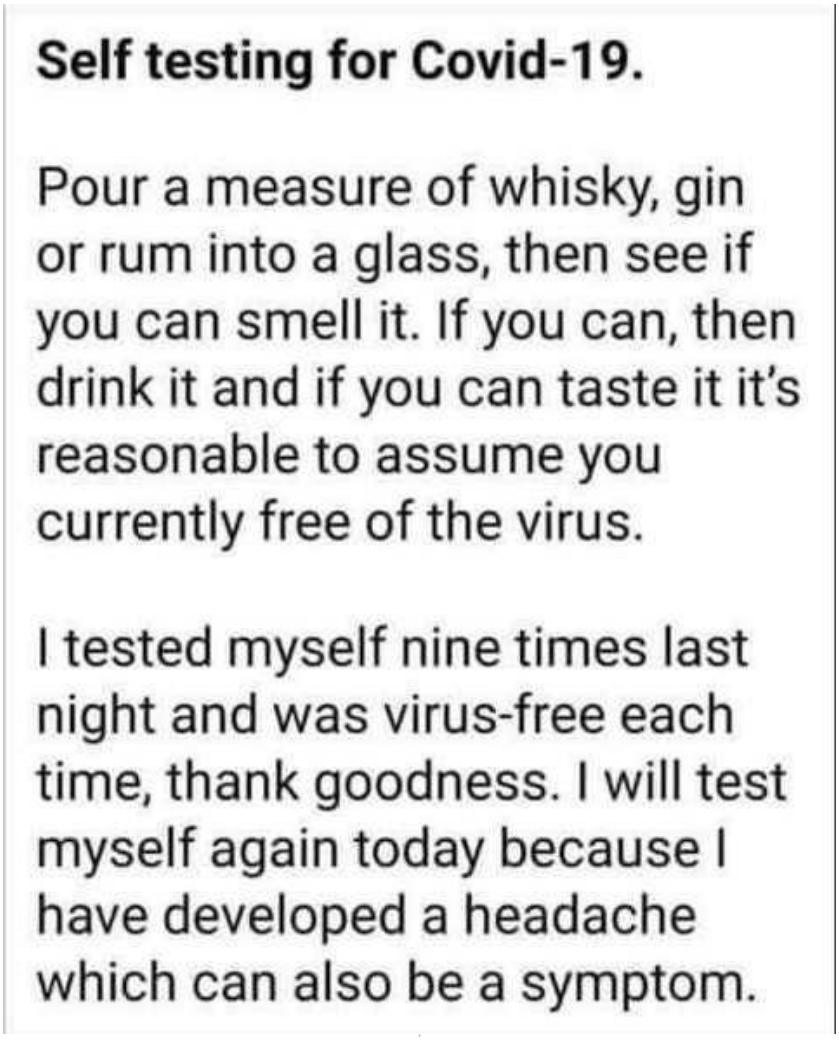
Recommended reading

'Ticking bombs': threat of mink coronavirus mutation sparks anxiety
Richard Milne and Clive Cookson
Financial Times
November 6, 2020

Bill de Blasio's school failures have NYC parents stampeding to Catholic education
Jonathan S. Tobin
New York Post
Jonathan Tobin

CPS says students can safely return to school after air purifiers installed in every classroom
Brónagh Tumulty
WGN9
November 4, 2020

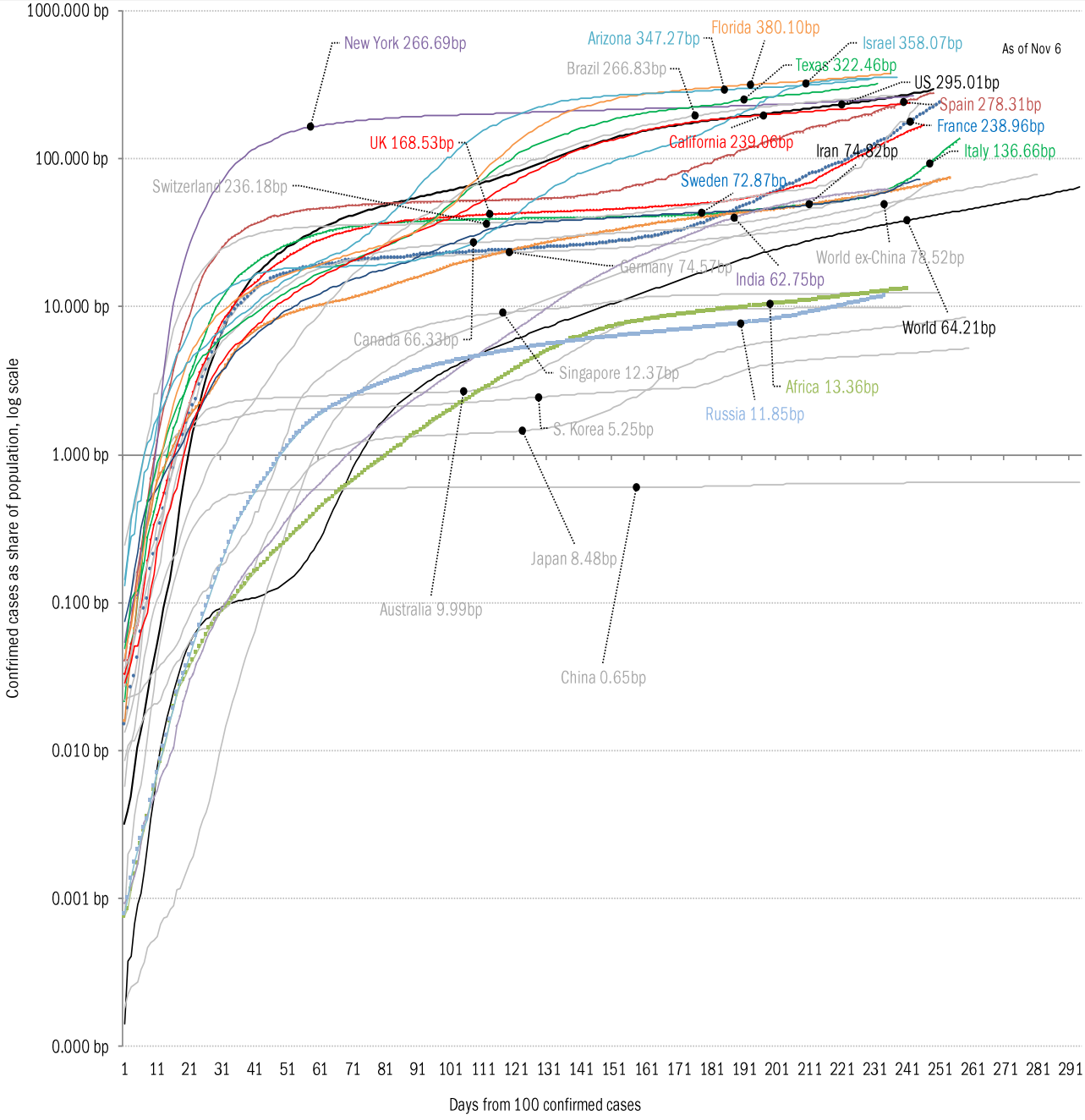
Meme of day



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

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

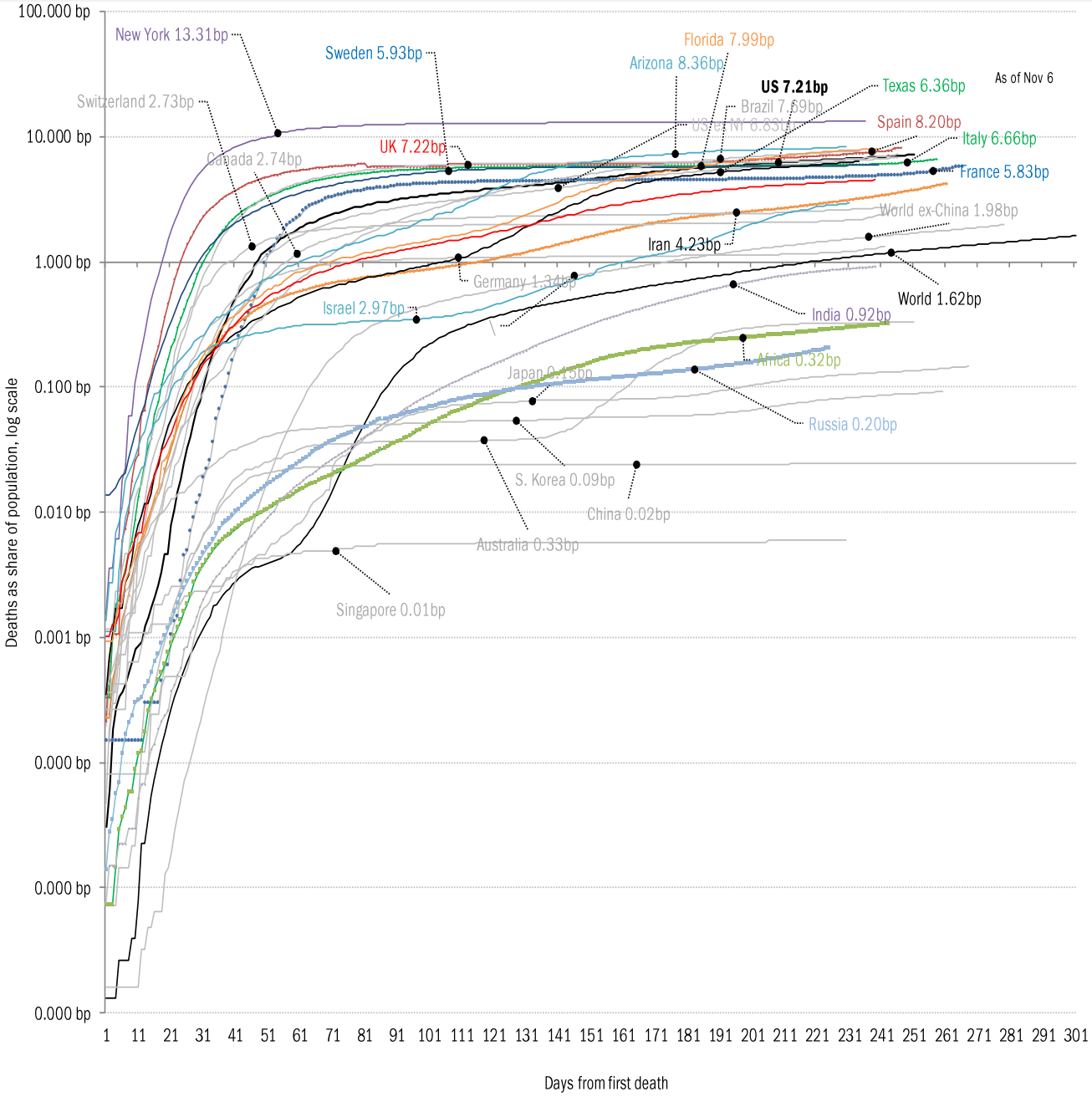
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

Share of deceased population from day of first fatality

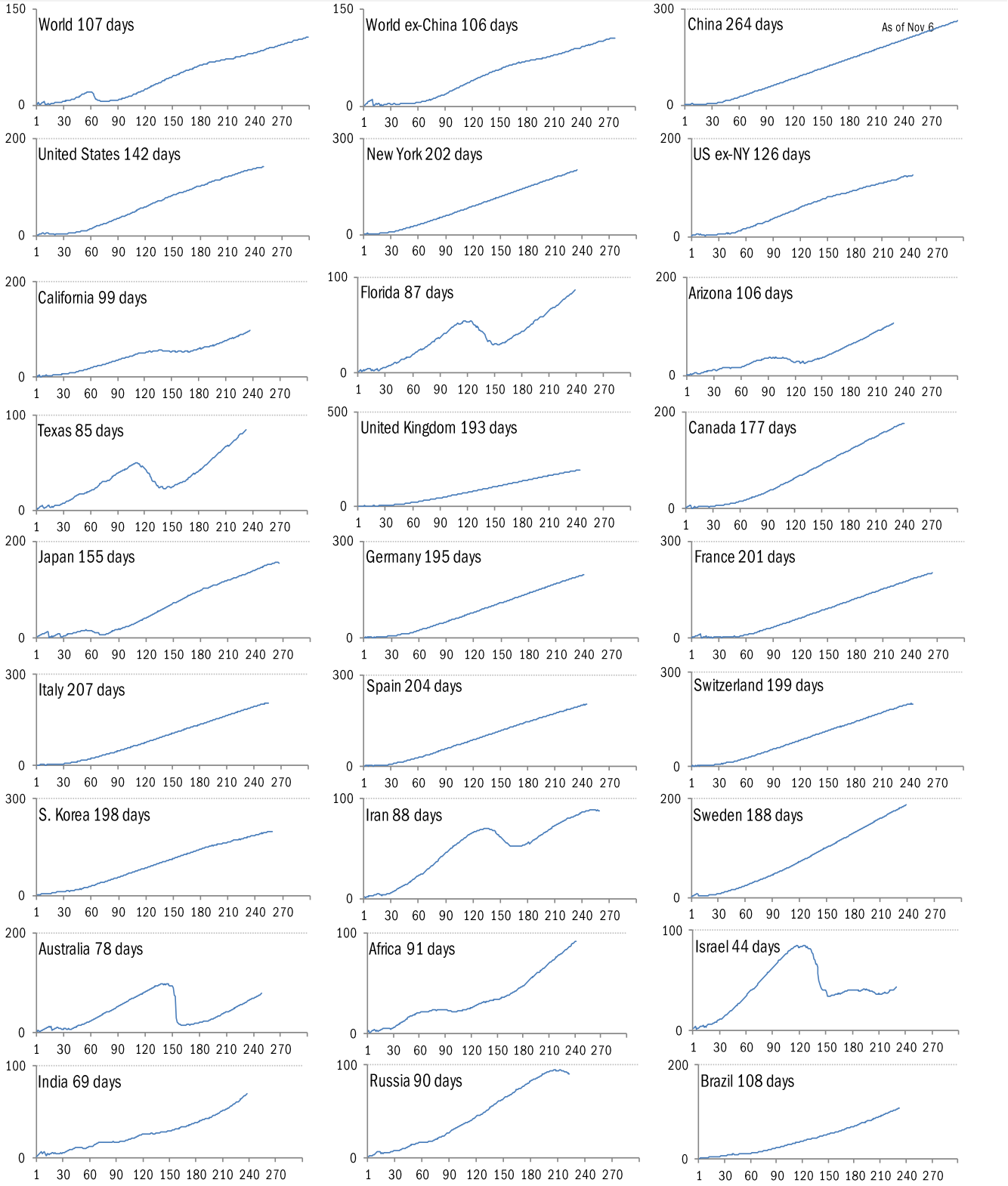


Source: ECDC, TrendMacro calculations

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

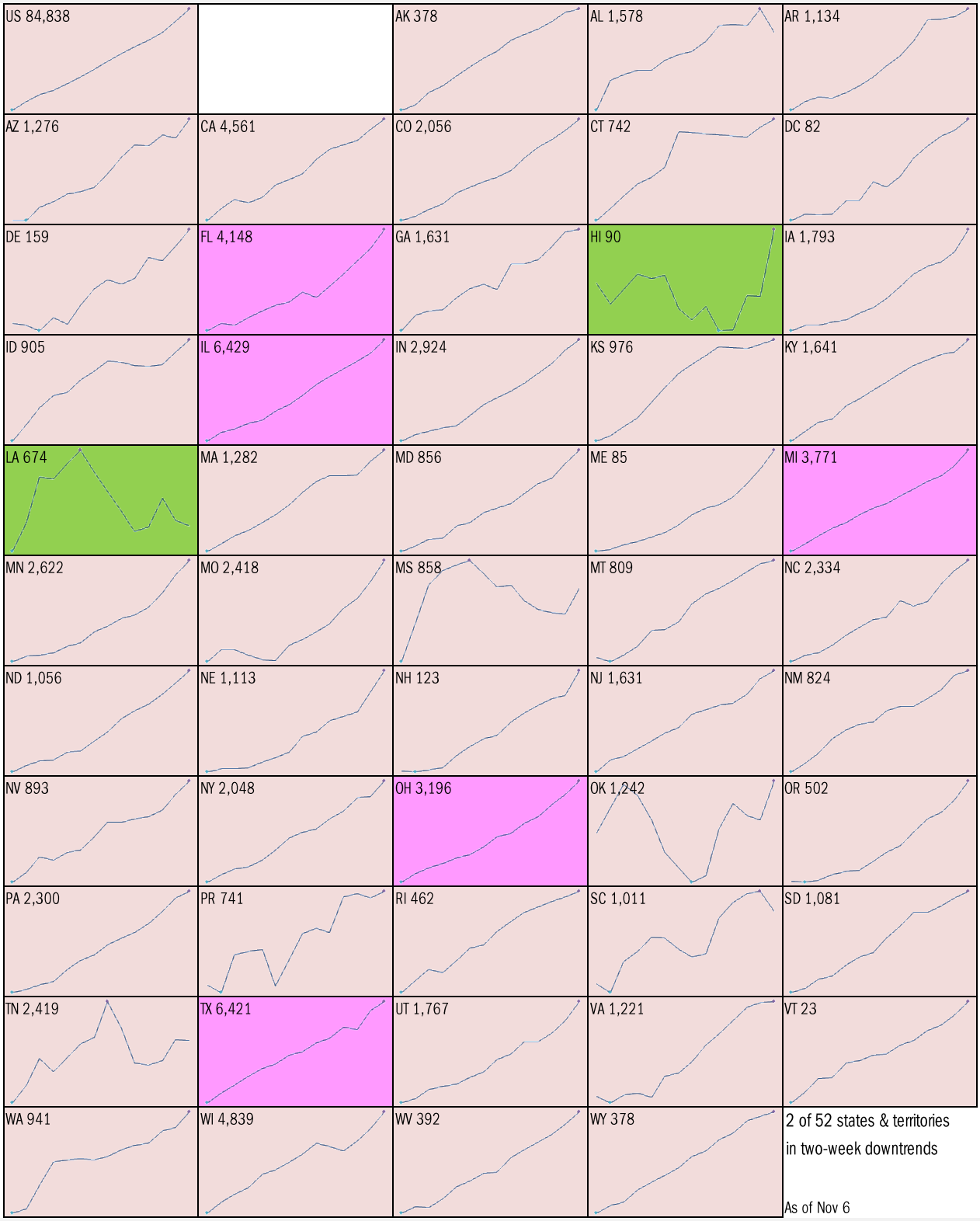


Source: ECDC, TrendMacro calculations

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

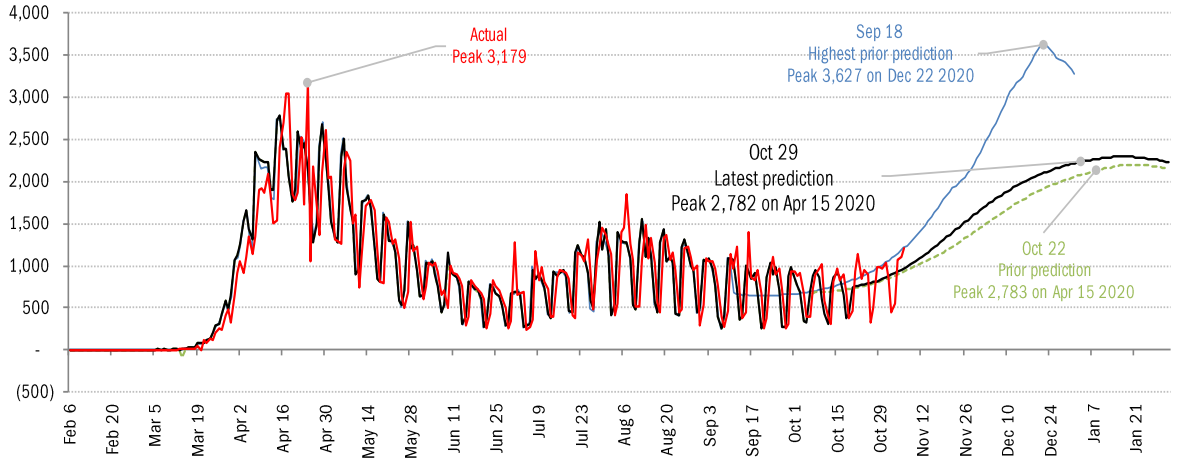
Downward trajectory Five best Upward trajectory Five worst

Source: Covid Tracking Project, TrendMacro calculations

Reality-checking the models: actuals versus IHME predictions

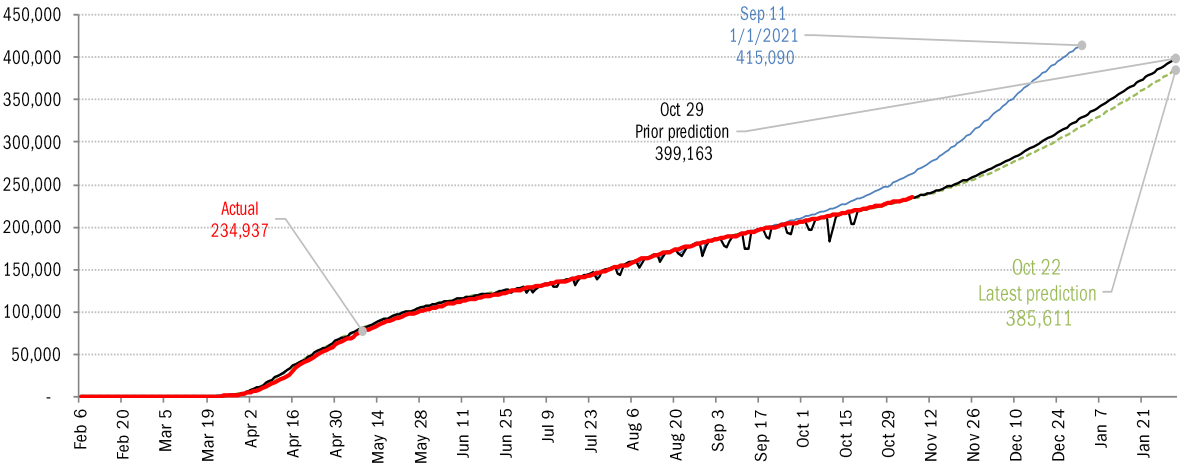
New daily fatalities As of Nov 6

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

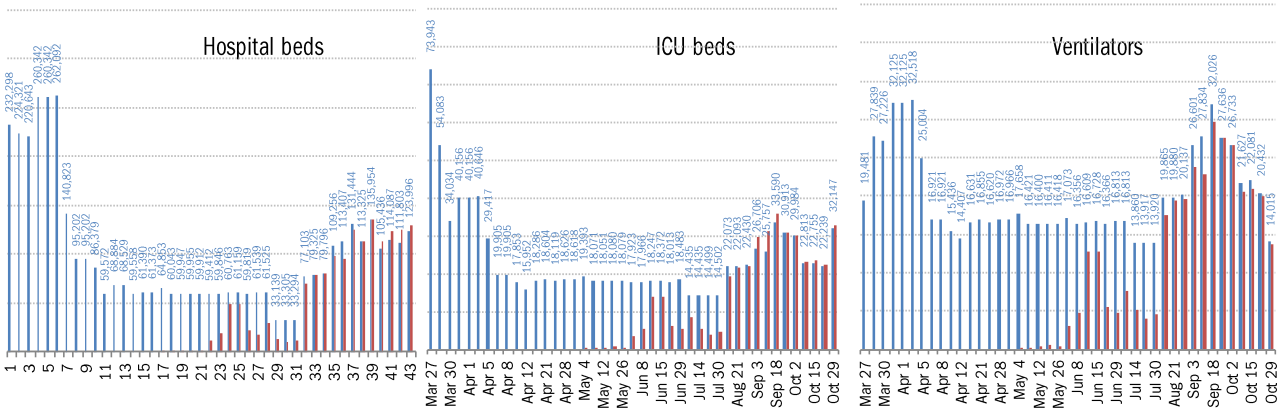


Cumulative fatalities

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

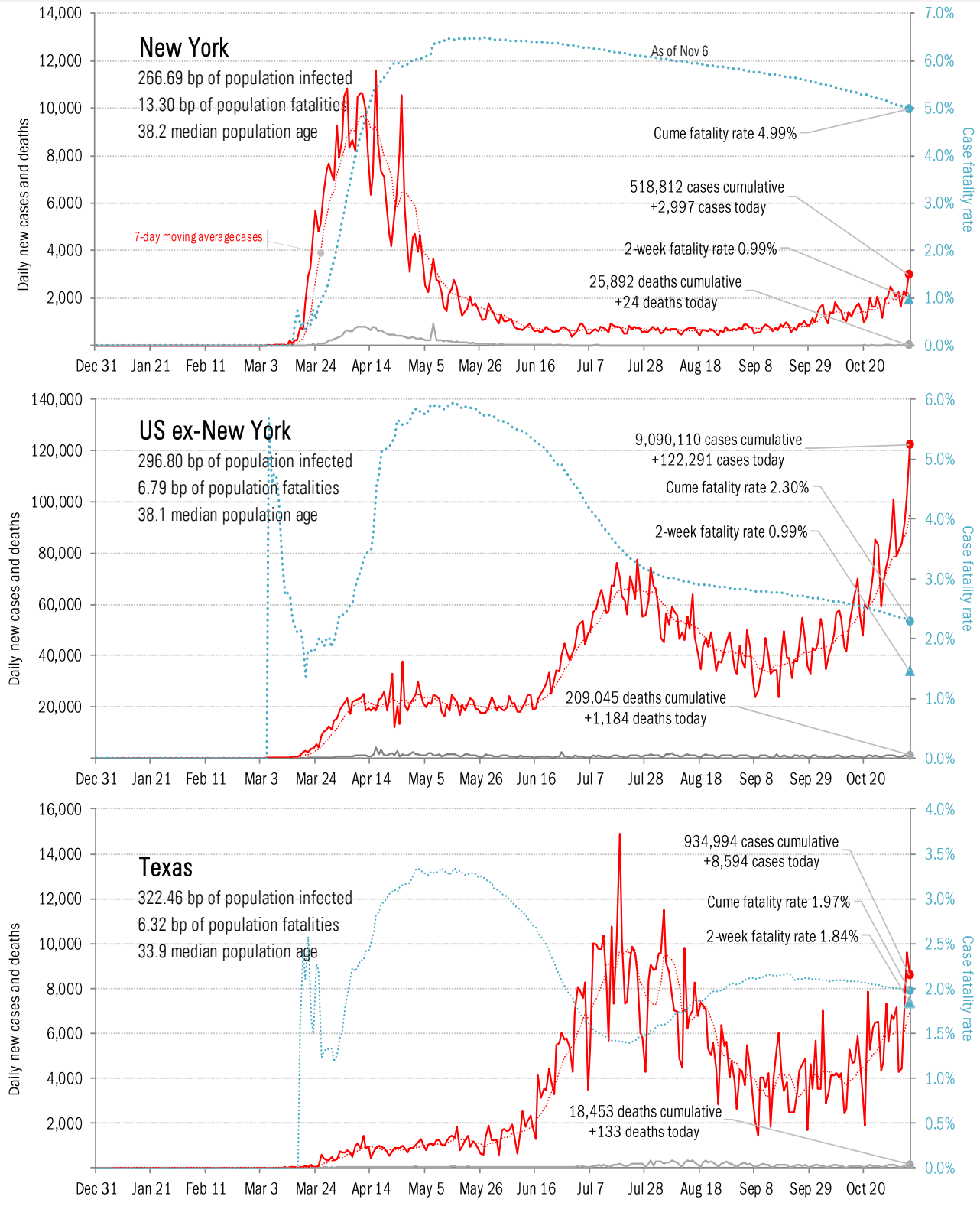


Healthcare system stress, peak and ultimate estimated at each model revision



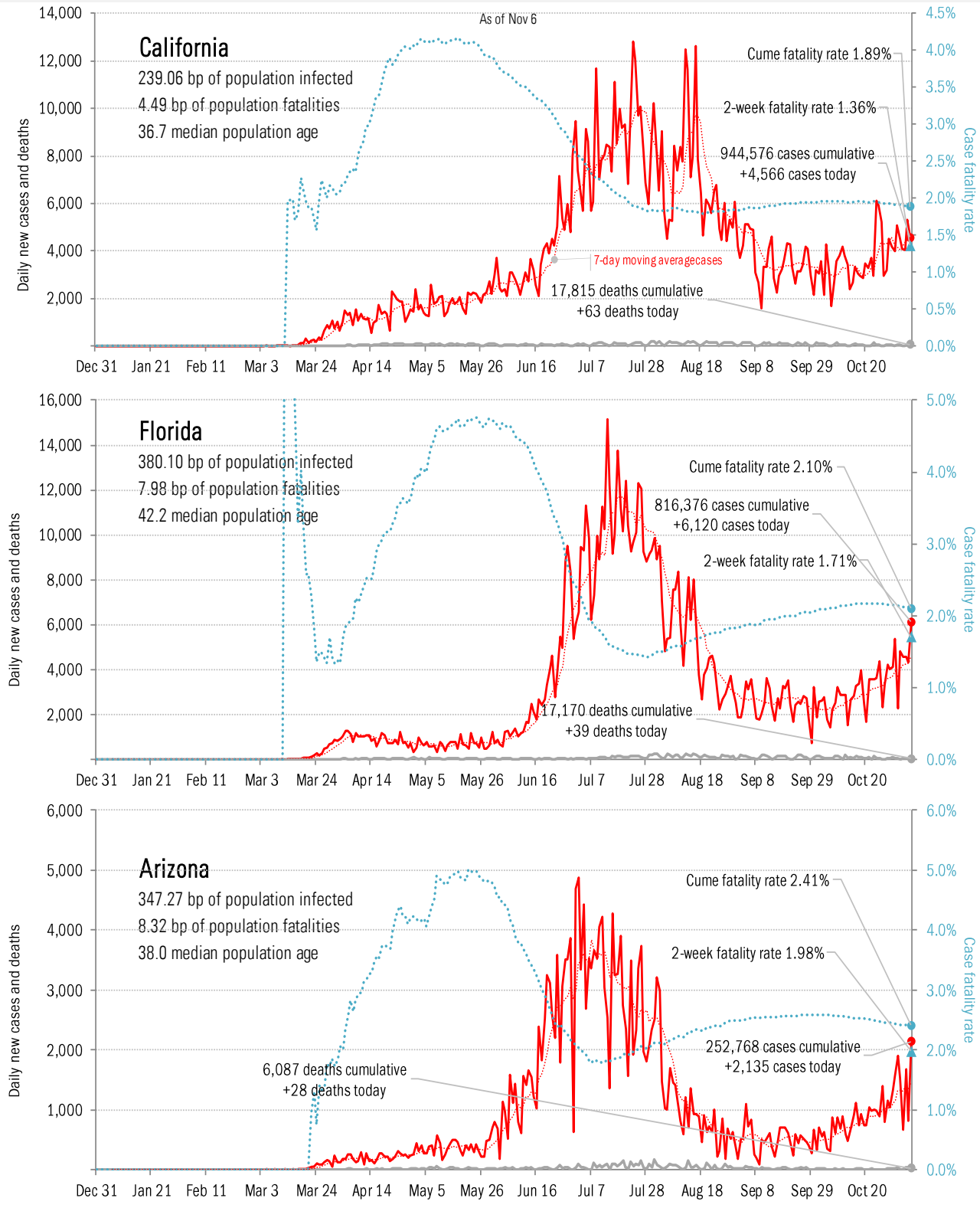
Source: ECDC, IHME, TrendMacro calculations

From Ground Zero to the Rio Grande



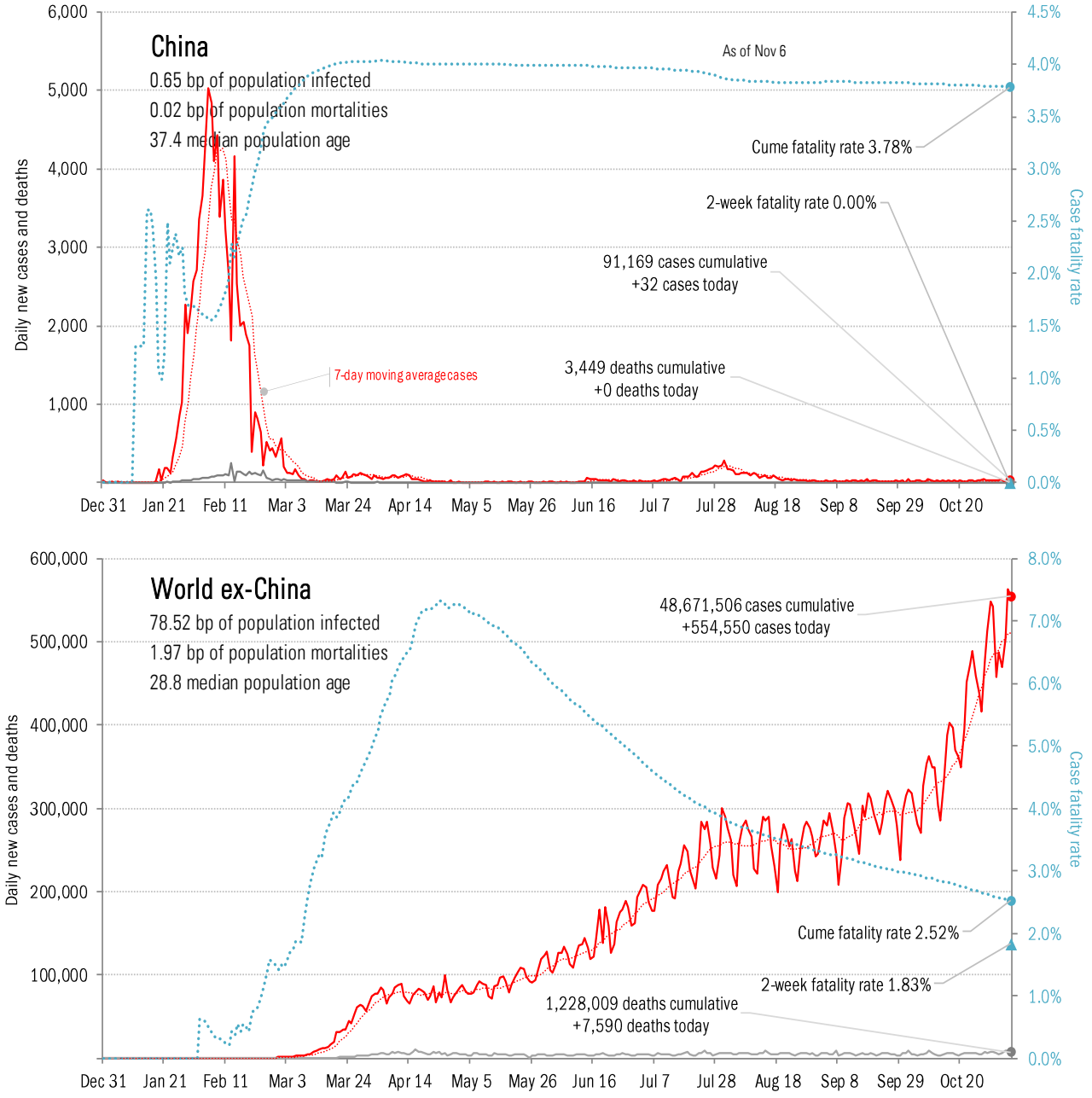
Source: ECDC, TrendMacro calculations

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



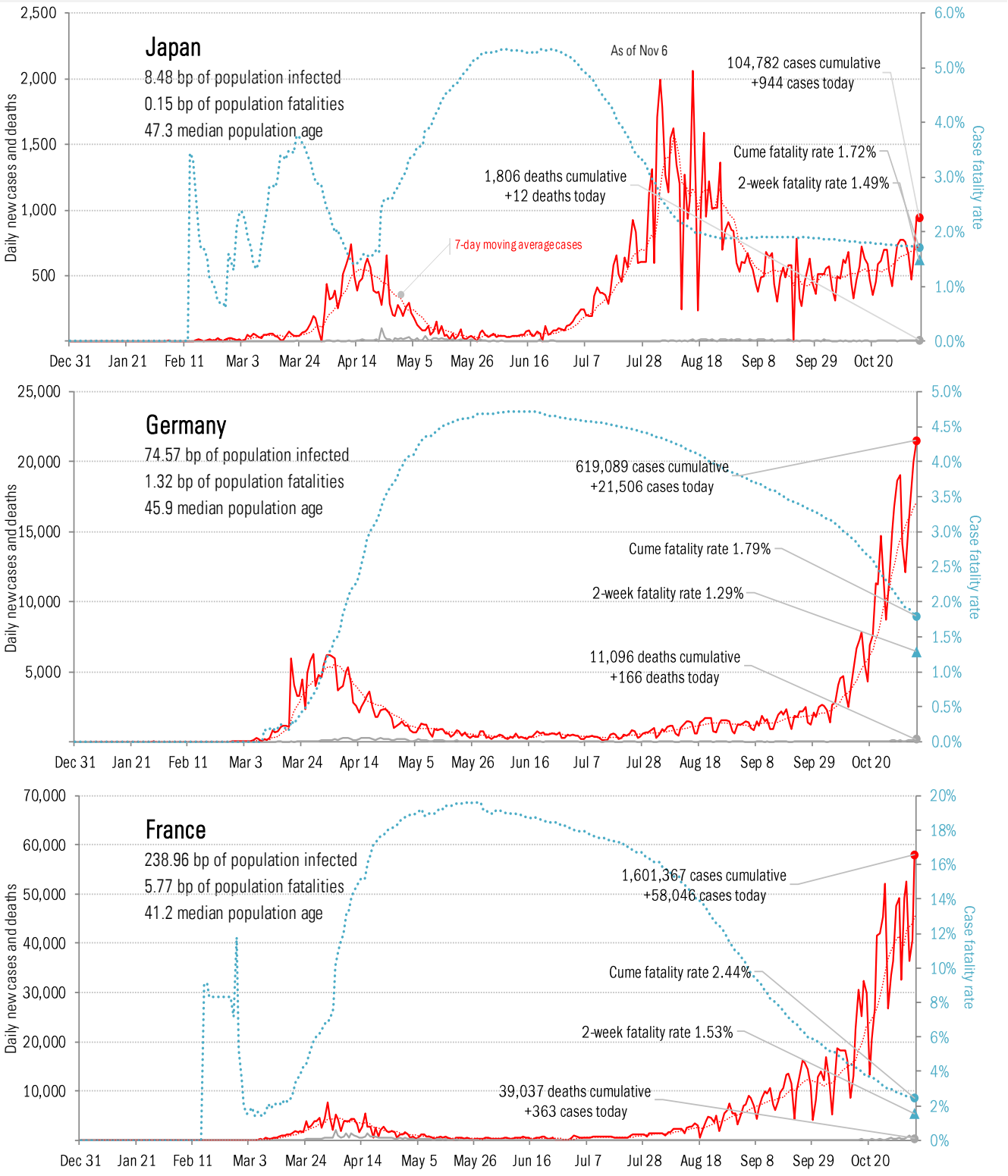
Source: ECDC, TrendMacro calculations

Patient zero… and then everyone else



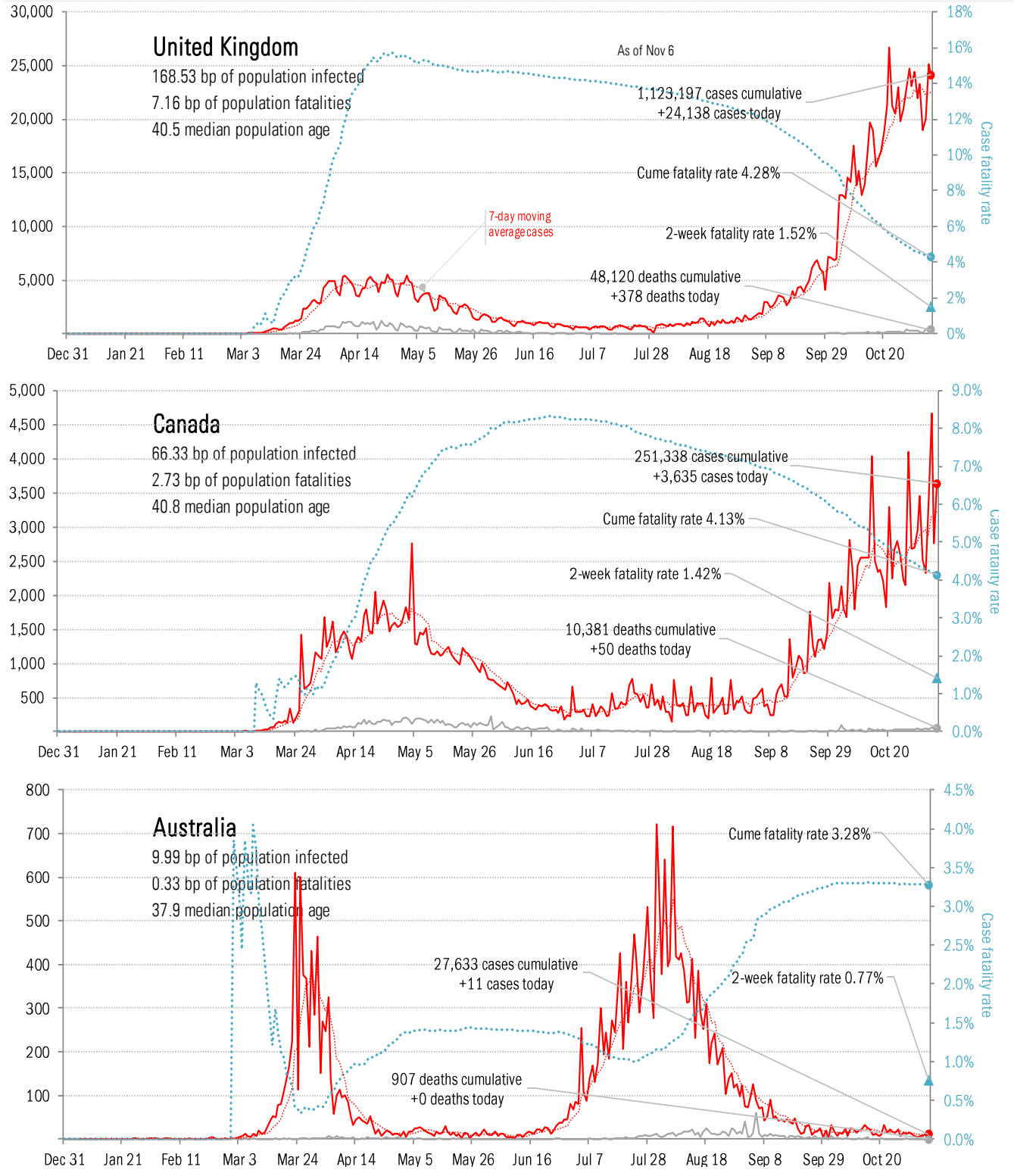
Source: ECDC, TrendMacro calculations

Impact in the largest economies



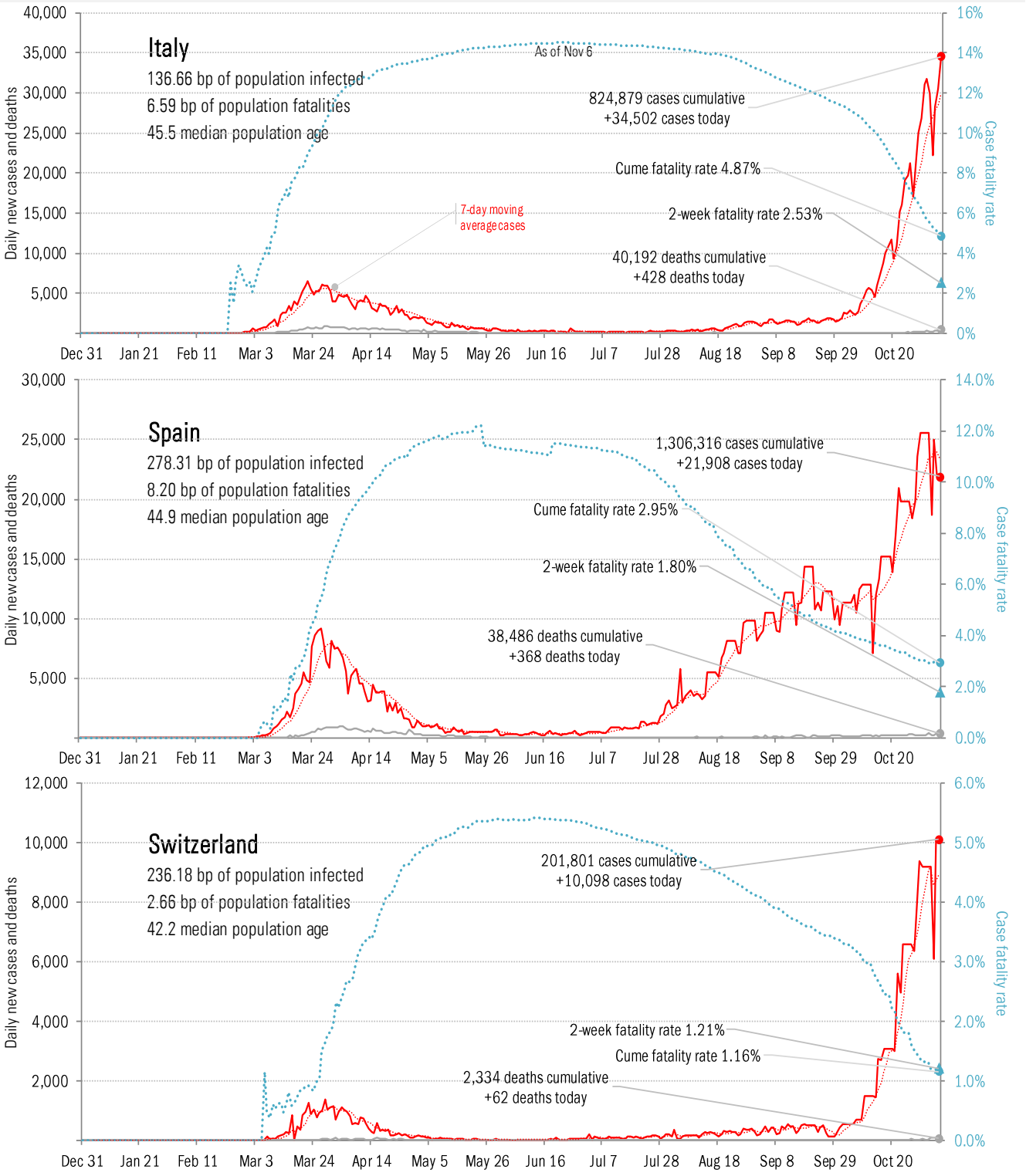
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



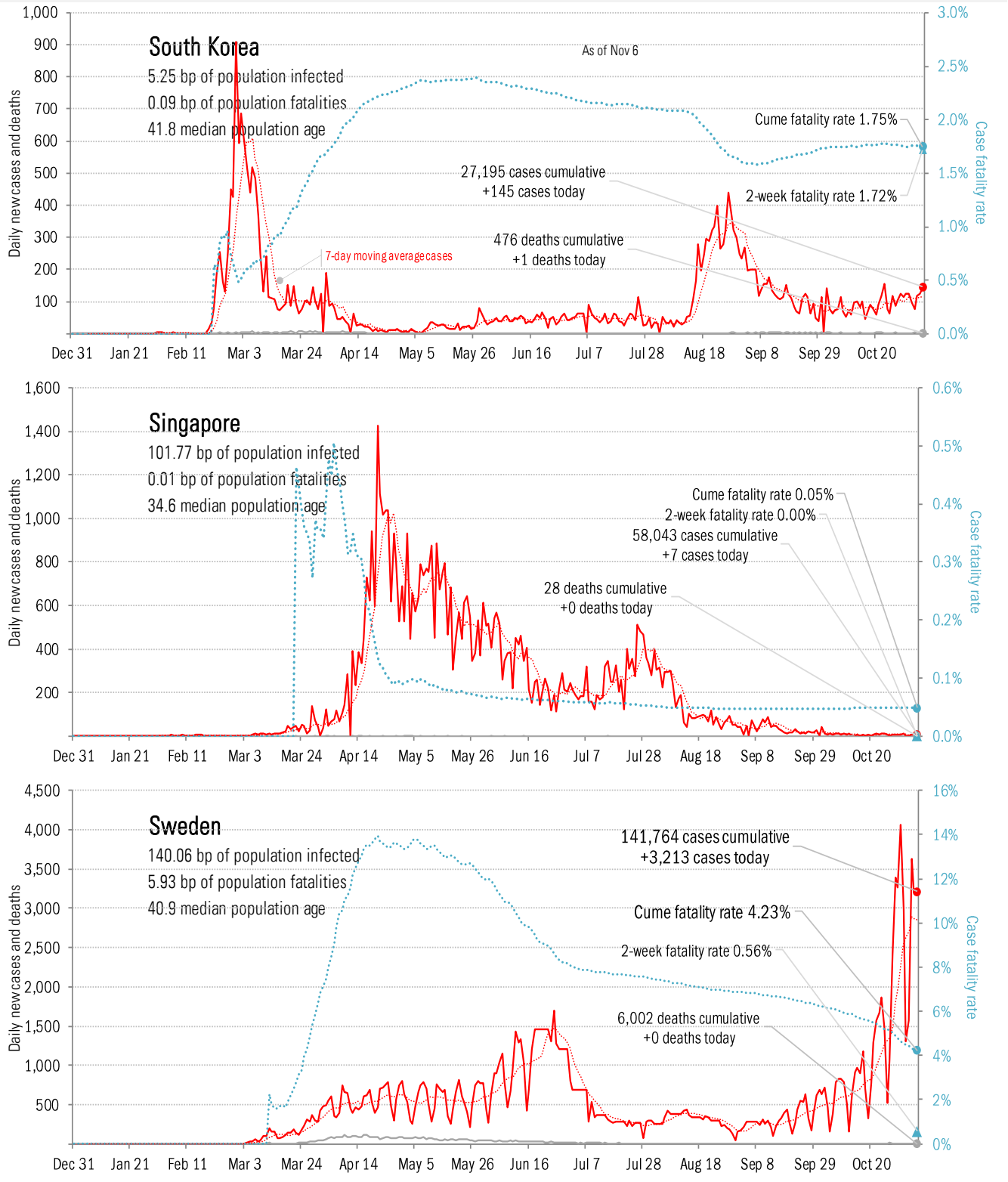
Source: ECDC, TrendMacro calculations

Impact in continental Europe



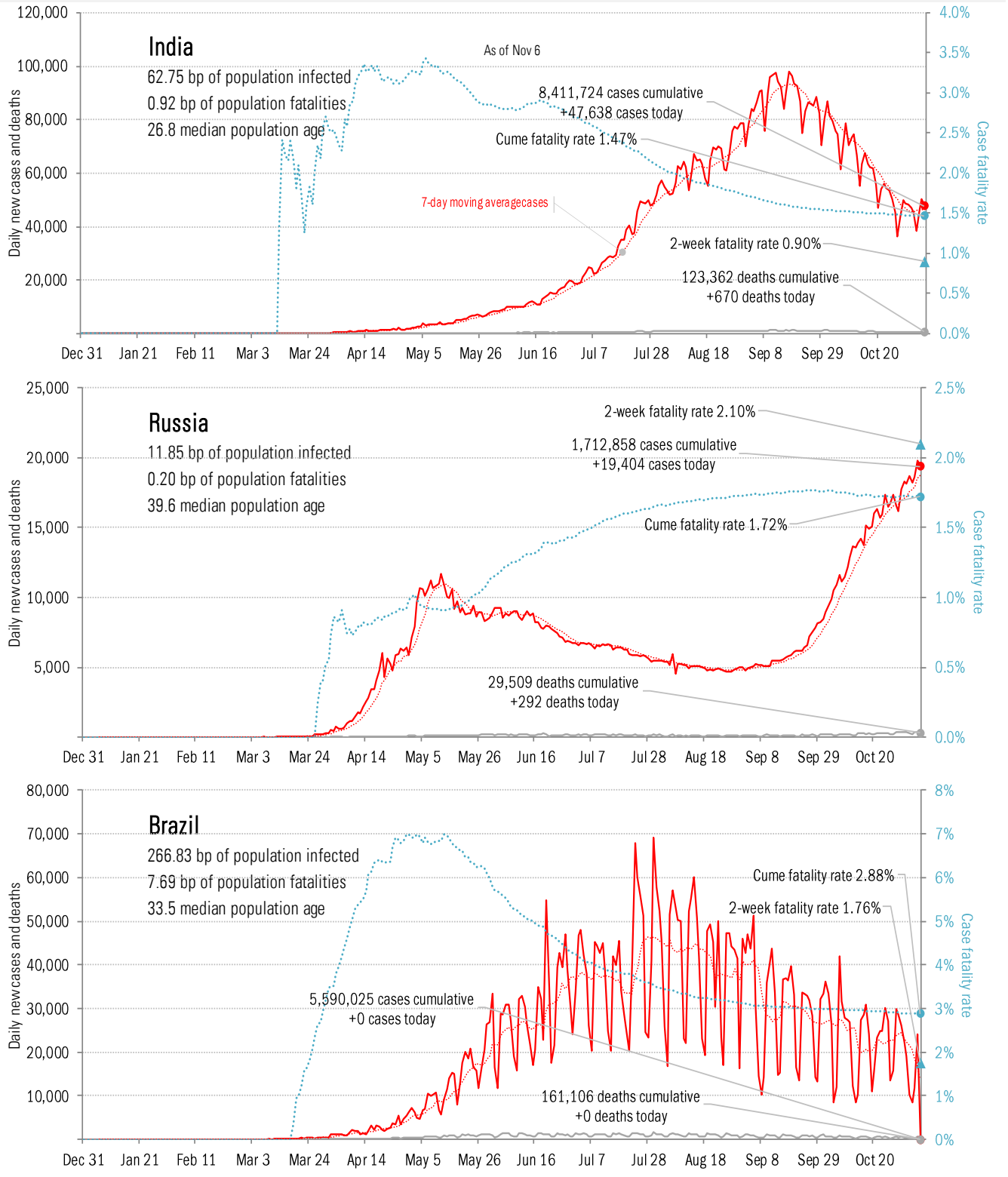
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



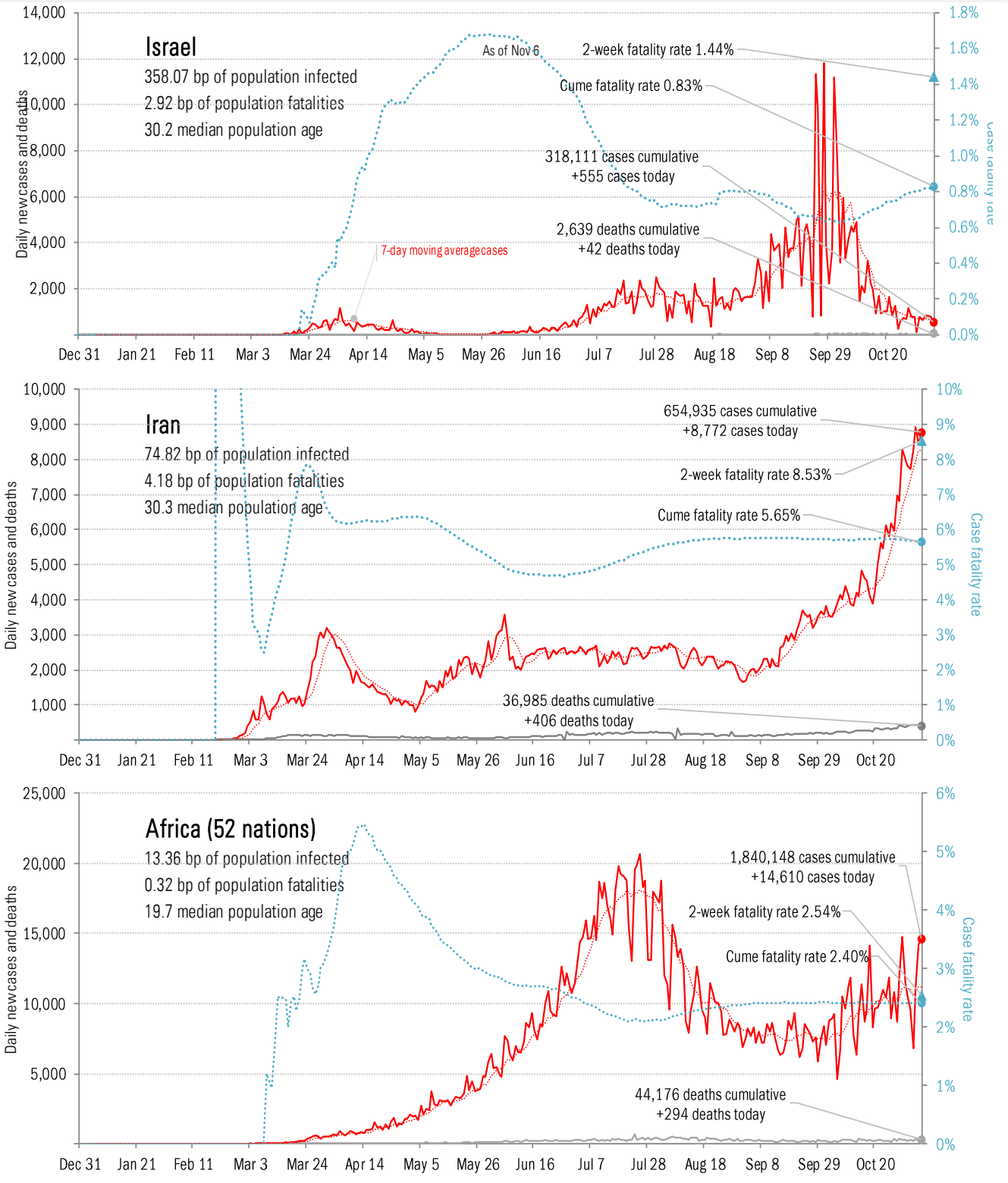
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations