Trend Macrolytics, LLC
Donald Luskin, Chief Investment Officer
Thomas Demas, Managing Director
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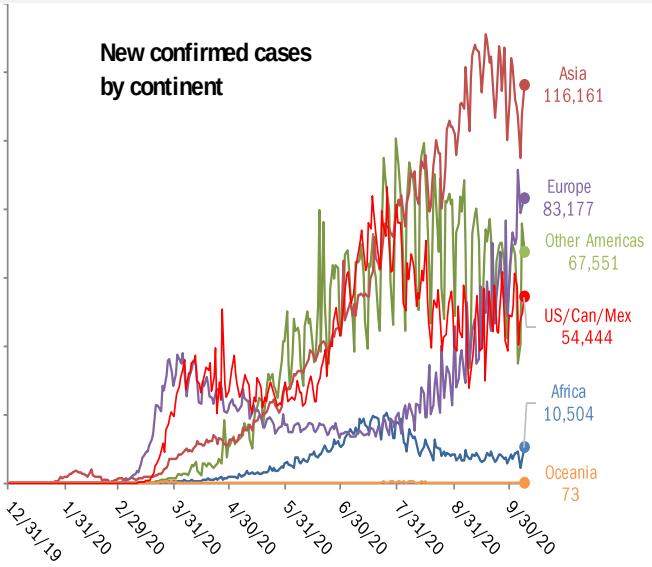
Data Insights: Covid-2019 Monitor

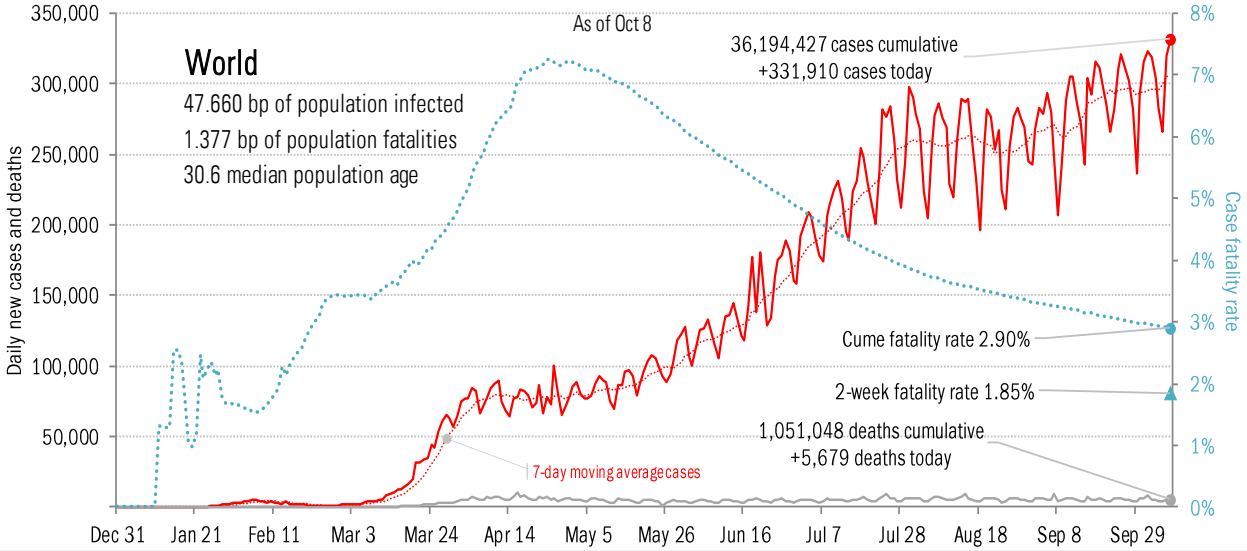
Thursday, October 8, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
India	+78,524	India	+971
US	+48,182	US	+892
Brazil	+31,553	Brazil	+734
France	+18,746	Argentina	+399
Argentina	+16,447	Mexico	+369
UK	+14,162	Iran	+239
Russia	+11,115	Russia	+202
Spain	+10,491	Colombia	+163
Colombia	+7,875	South_Africa	+145
Czechia	+5,338	Indonesia	+98
	+242,433		+4,212
World	+331,910	World	+5,679
Top ten	73%	Top ten	74%





Source: ECDC, TrendMacro calculations

For more information contact us:
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The US scorecard

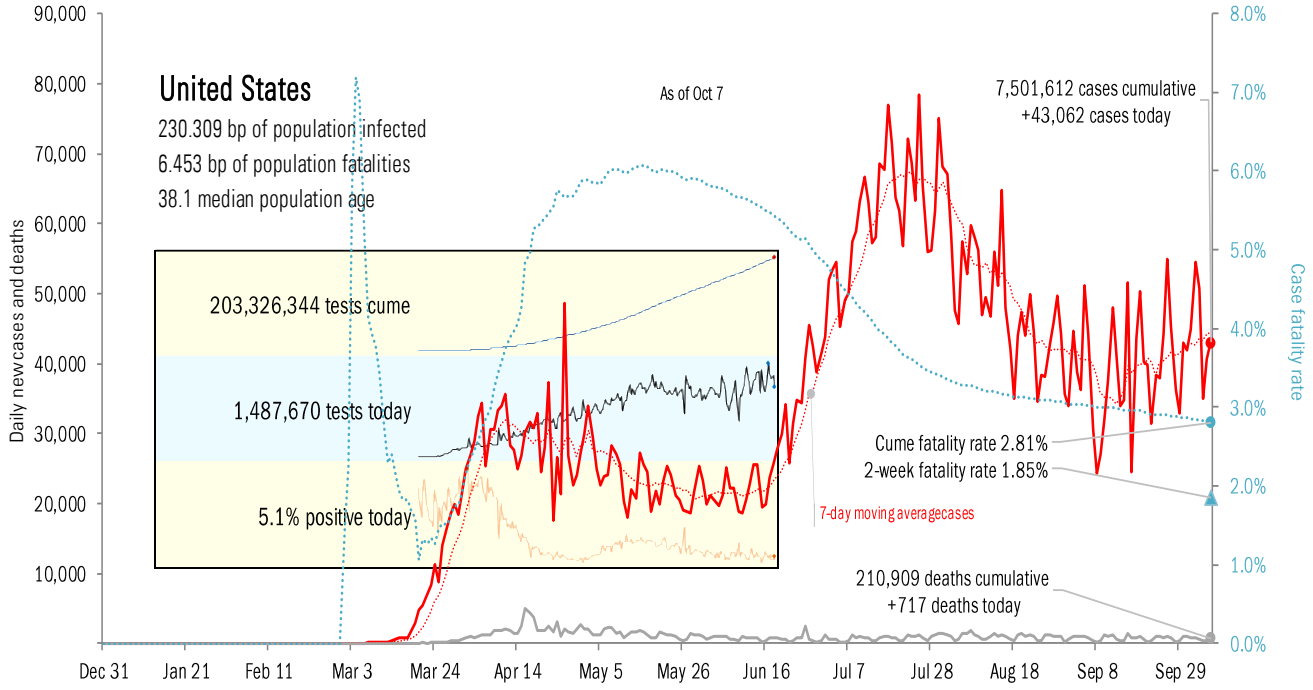
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
TX	+4,132	TX	+78	TN	+140	CA	828,461	NY	25,536	TX	3,394
FL	+2,251	FL	+59	OH	+120	TX	773,435	CA	16,177	CA	3,175
WI	+2,075	GA	+37	IN	+119	FL	720,125	NJ	16,147	FL	2,151
CA	+1,677	NC	+33	AZ	+98	NY	466,908	TX	16,111	GA	1,779
TN	+1,676	IL	+31	TX	+76	GA	324,650	FL	14,945	IL	1,673
IL	+1,617	IN	+30	WI	+71	IL	307,750	MA	9,538	IN	1,138
NC	+1,504	CA	+28	NY	+69	AZ	221,934	IL	9,085	TN	1,115
NY	+1,393	MO	+26	SC	+62	NC	221,258	PA	8,244	NC	1,013
OK	+1,364	ND	+26	NJ	+46	NJ	209,342	GA	7,229	VA	926
OH	+1,335	TN	+24	NV	+44	TN	205,375	MI	7,161	WI	853
	+19,024		+372		+845		4,279,238		130,173		17,217
All states	+38,696	All states	+635	All states	+1,247	All states	7,460,634	All states	202,675	All states	31,346
Top ten	49%	Top ten	59%	Top ten	68%	Top ten	57%	Top ten	64%	Top ten	55%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
KS	-1,597	AR	-22	MN	-367	AL	+9
CA	-1,378	MA	-12	GA	-101	AR	+5
TN	-813	KS	-8	IL	-68	UT	+4
NC	-754	PR	-8	AL	-61	AK	+0
CT	-702	GU	-3	TX	-50	AS	+0



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

Recommended reading

[Backlash Grows in Orthodox Jewish Areas Over Virus Crackdown by Cuomo]
Liam Stack
New York Times
October 7, 2020

[The Ballot Deadline Guessing Game]
Wall Street Journal
October 7, 2020

[Will the economic and psychological costs of covid-19 increase suicides?]
The Economist
October 5, 2020

[Amazon Thoroughly Wrecks Narrative About Lockdowns Being Necessary]
David Simon
RealClear Markets
October 6, 2020

[Eli Lilly says its monoclonal antibody cocktail is effective in treating Covid-19]
Matthew Herper
Stat News
October 7, 2020

[CNN Reporter Criticized for Taking off Mask Criticizes Trump for Taking off Mask]
Matt Palumbo
Dan Bongino Show
October 6, 2020

[Who targeted the president?]
Sally Zelikovsky
American Thinker
October 6, 2020

[We've Destroyed the Arts]
Neal Pollack
Book and Film Globe
October 6, 2020

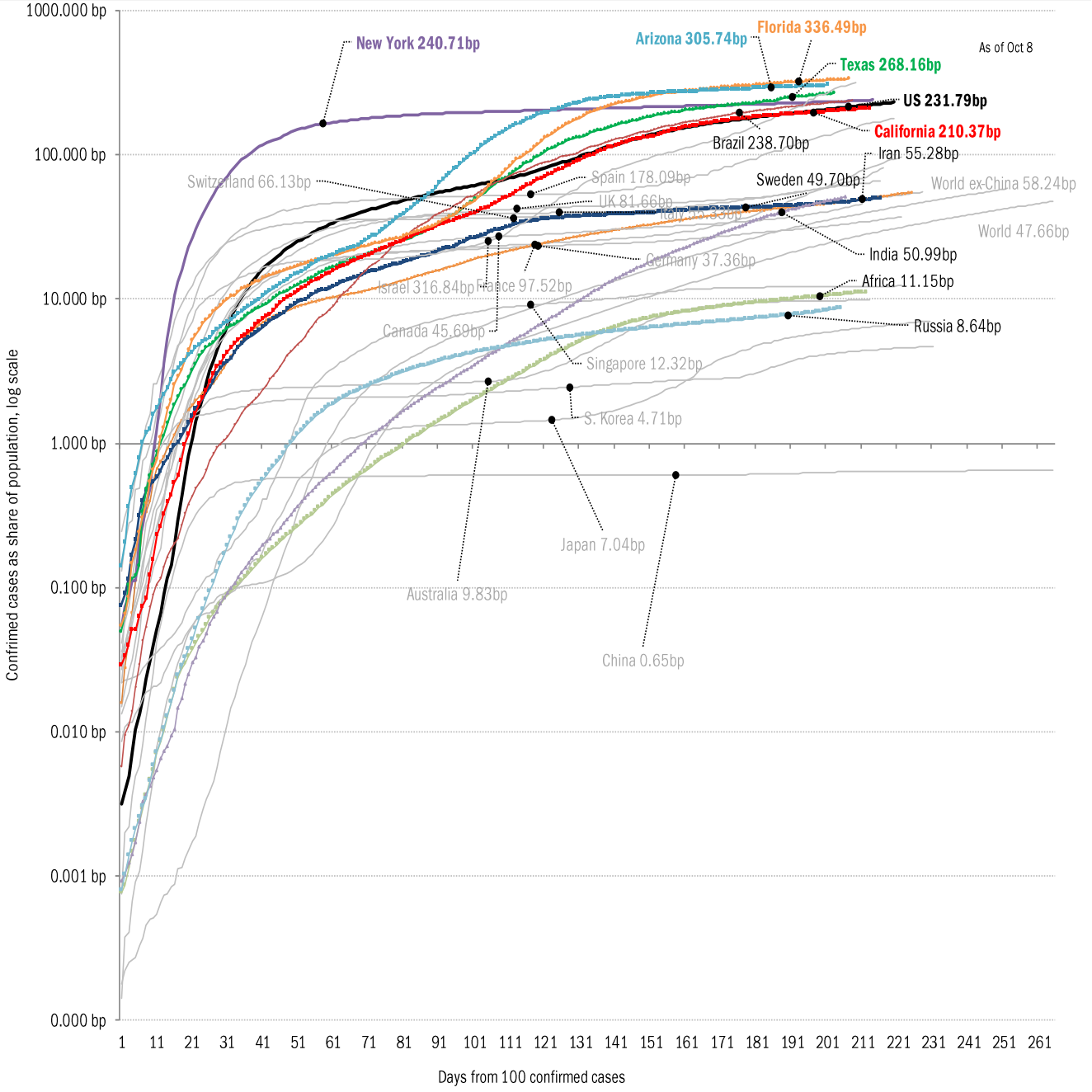
Meme of day

Media Criticizes Trump For Downplaying Virus Threat By Not Dying

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

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

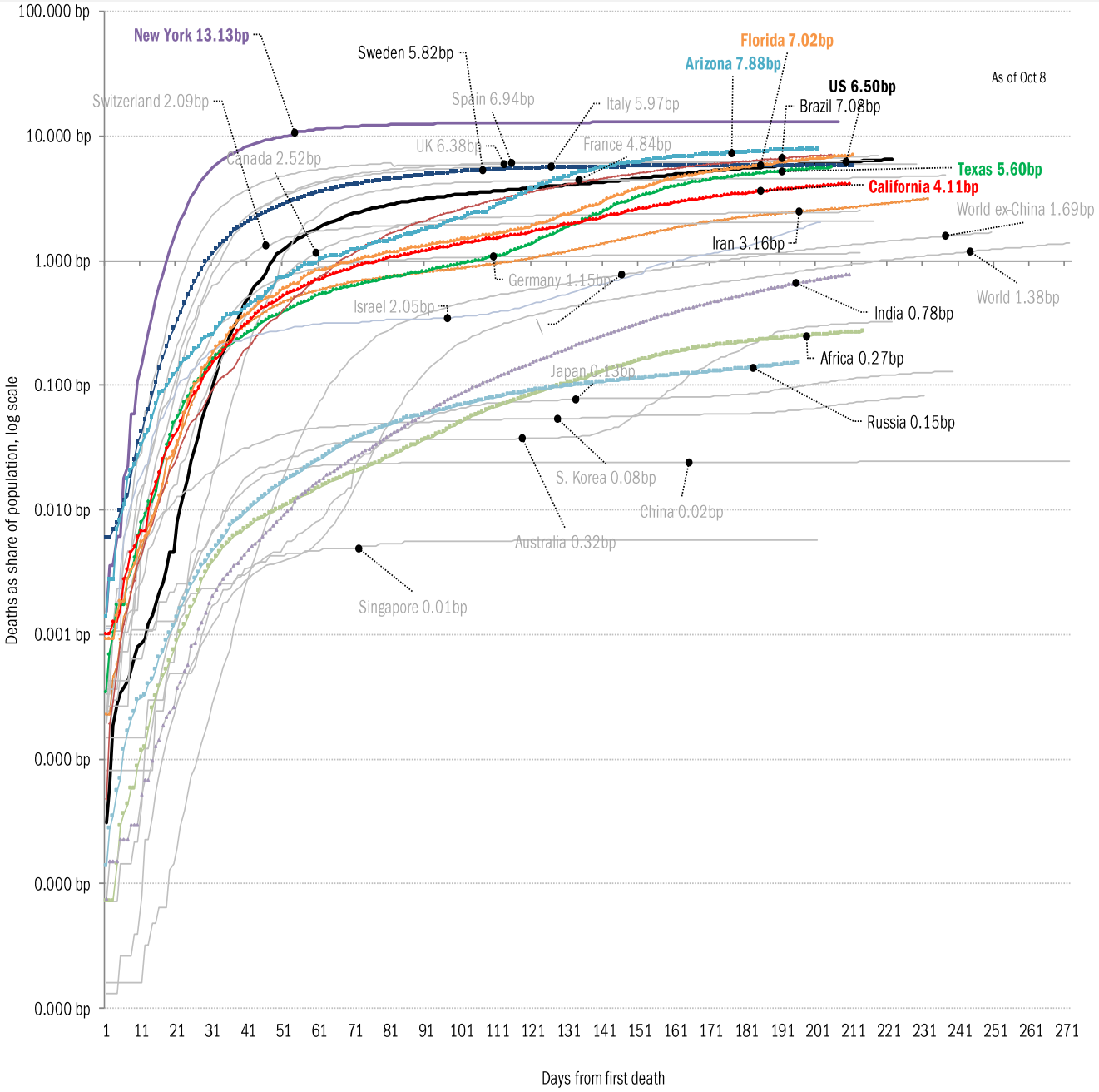
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

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

Share of deceased population from day of first fatality

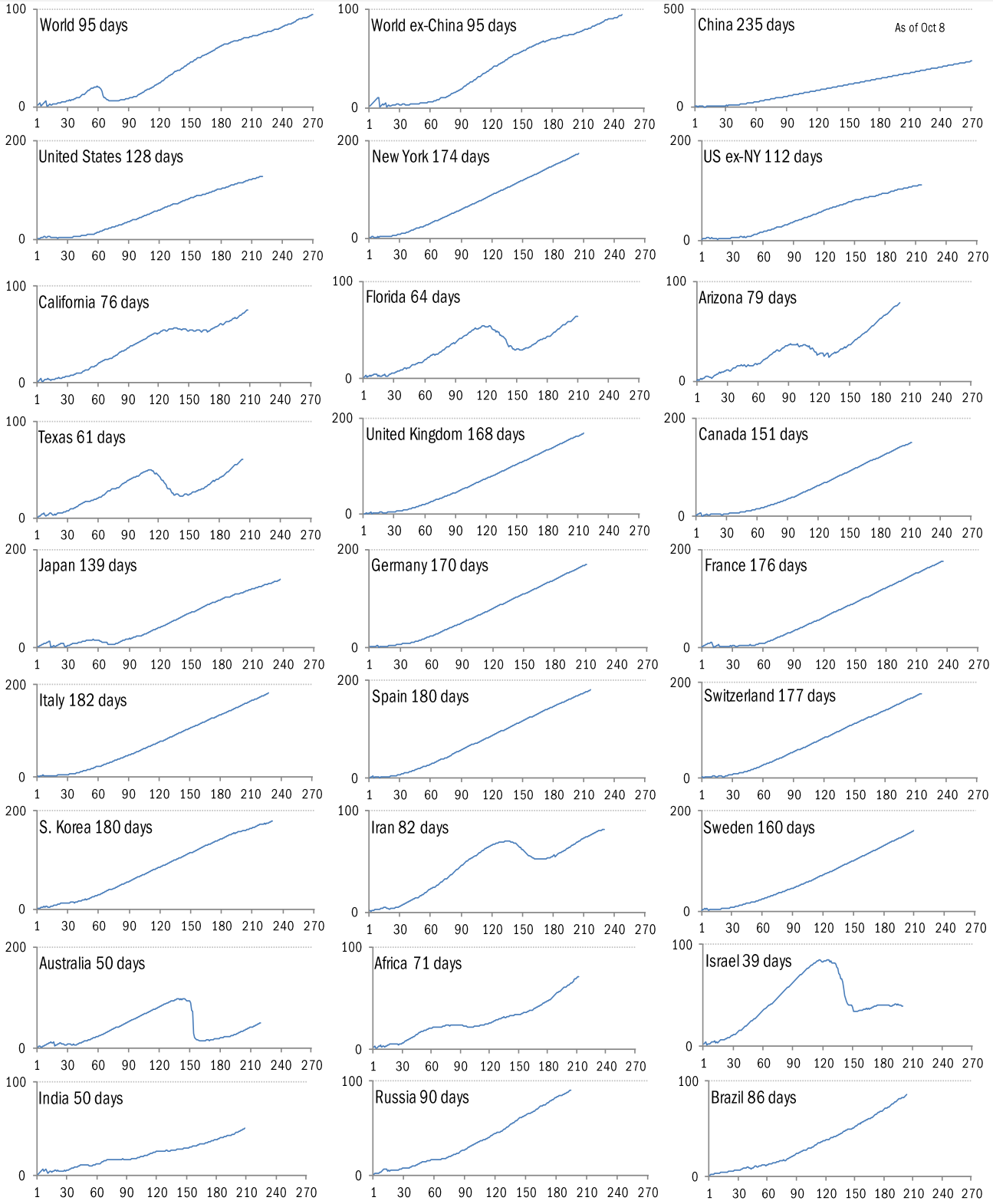


Source: ECDC, TrendMacro calculations

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

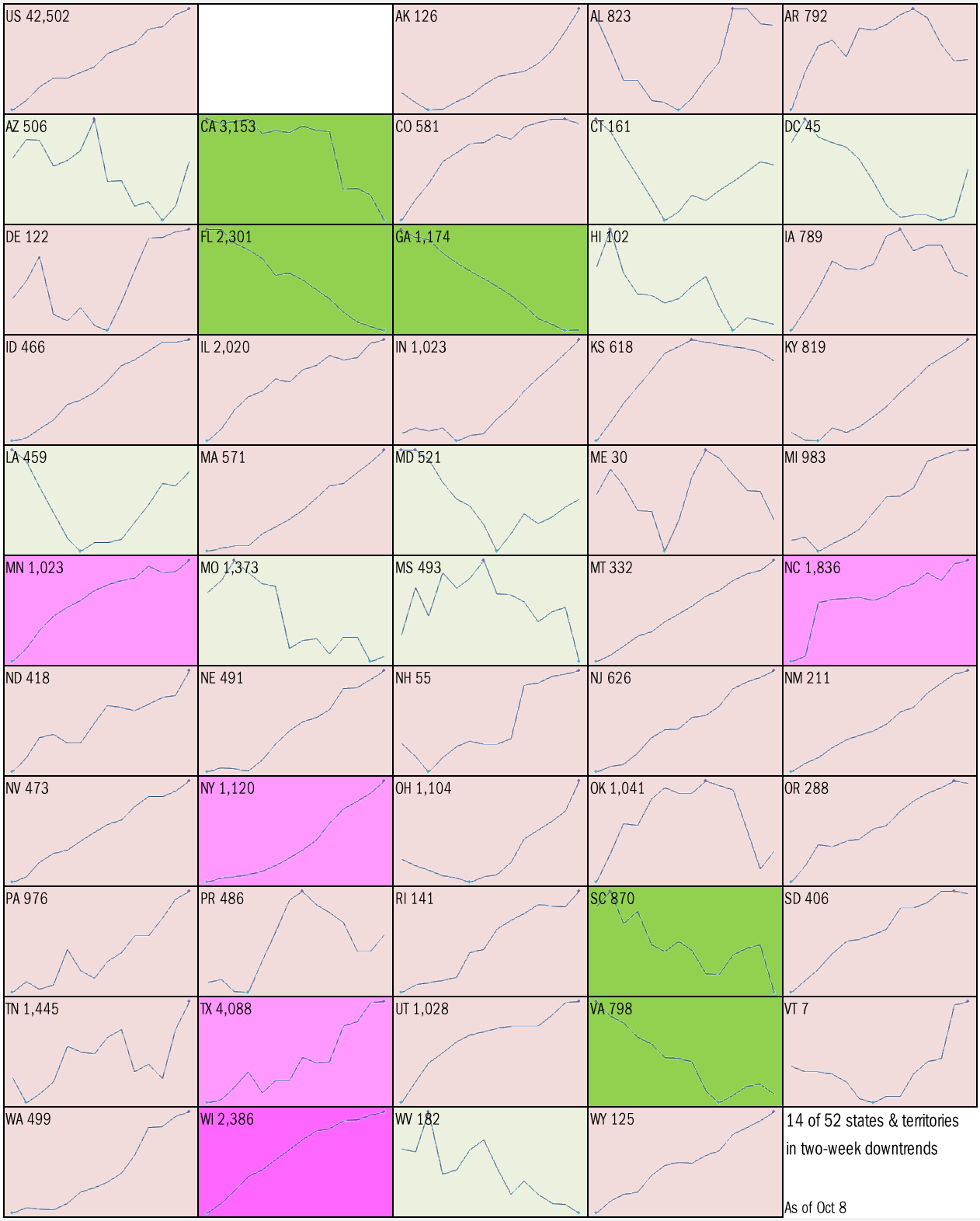


Source: ECDC, TrendMacro calculations

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

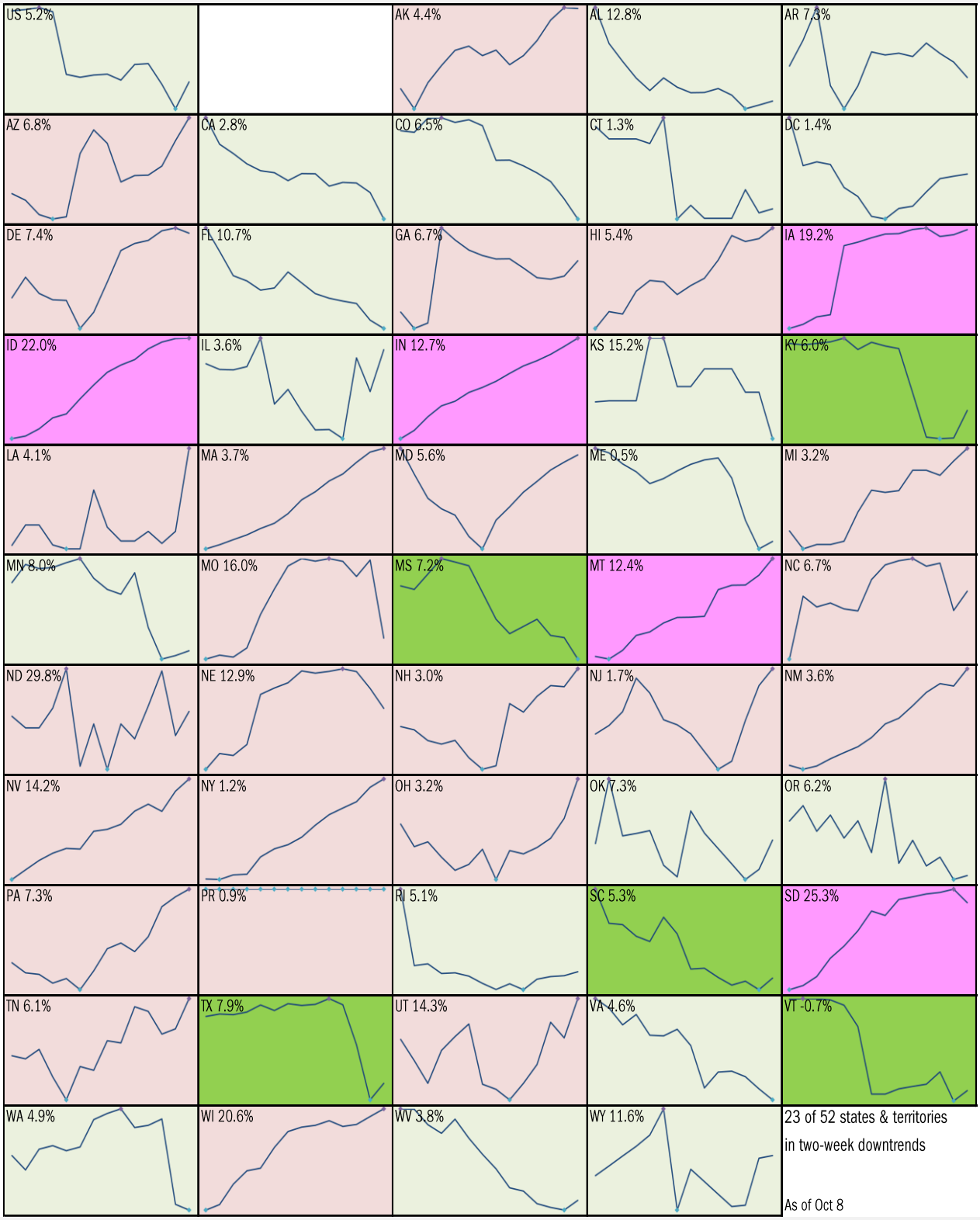


Source: Covid Tracking Project, TrendMacro calculations

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

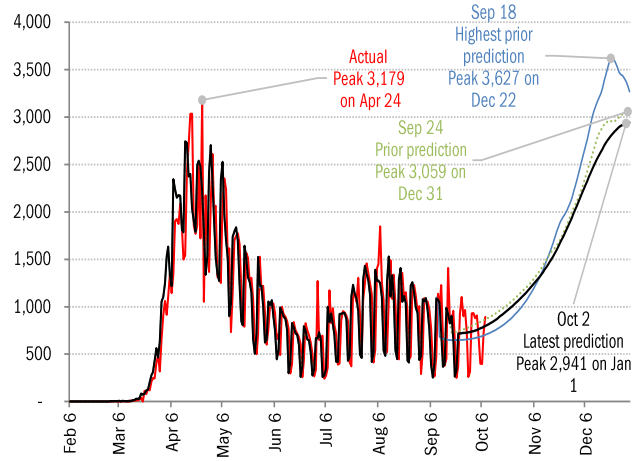


Source: Covid Tracking Project, TrendMacro calculations

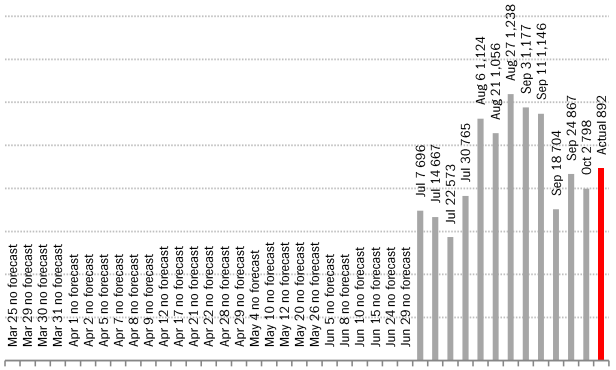
Reality-checking the models: actuals versus IHME predictions

New daily fatalities As of Oct 8

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

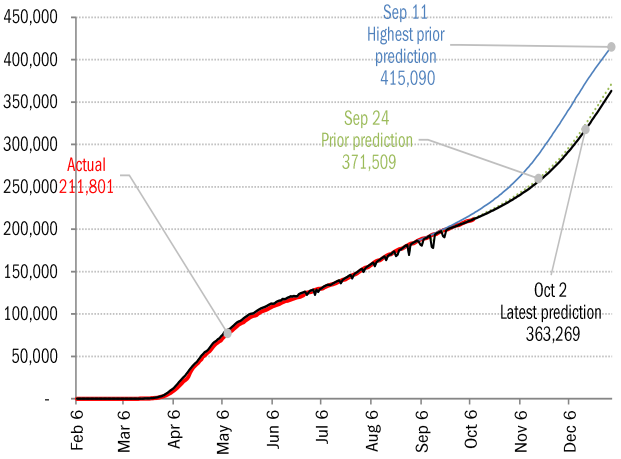


For this day, versus all model mean predictions

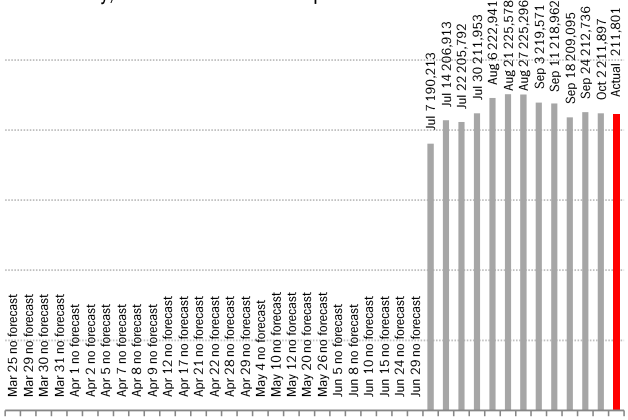


Cumulative fatalities

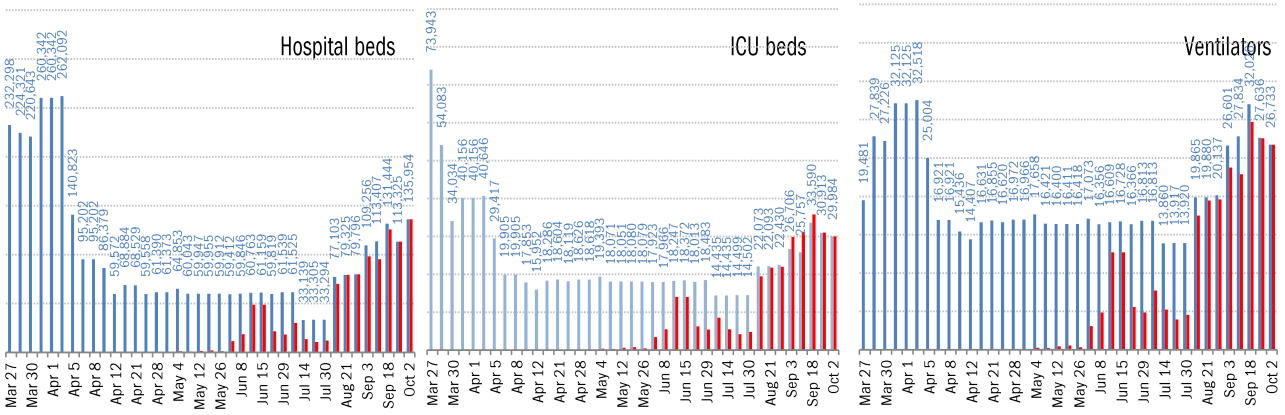
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

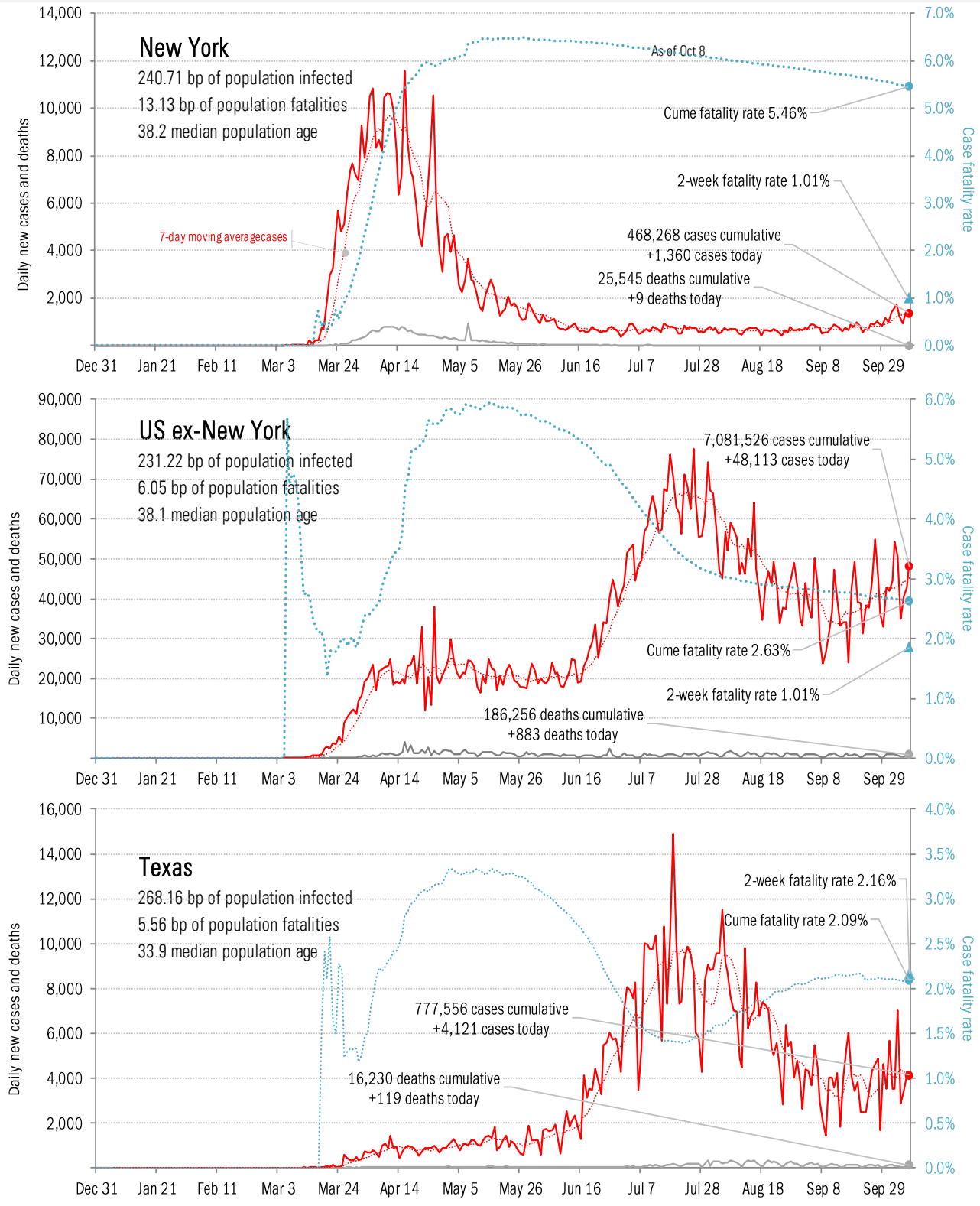


Healthcare system stress, peak and ultimate estimated at each model revision



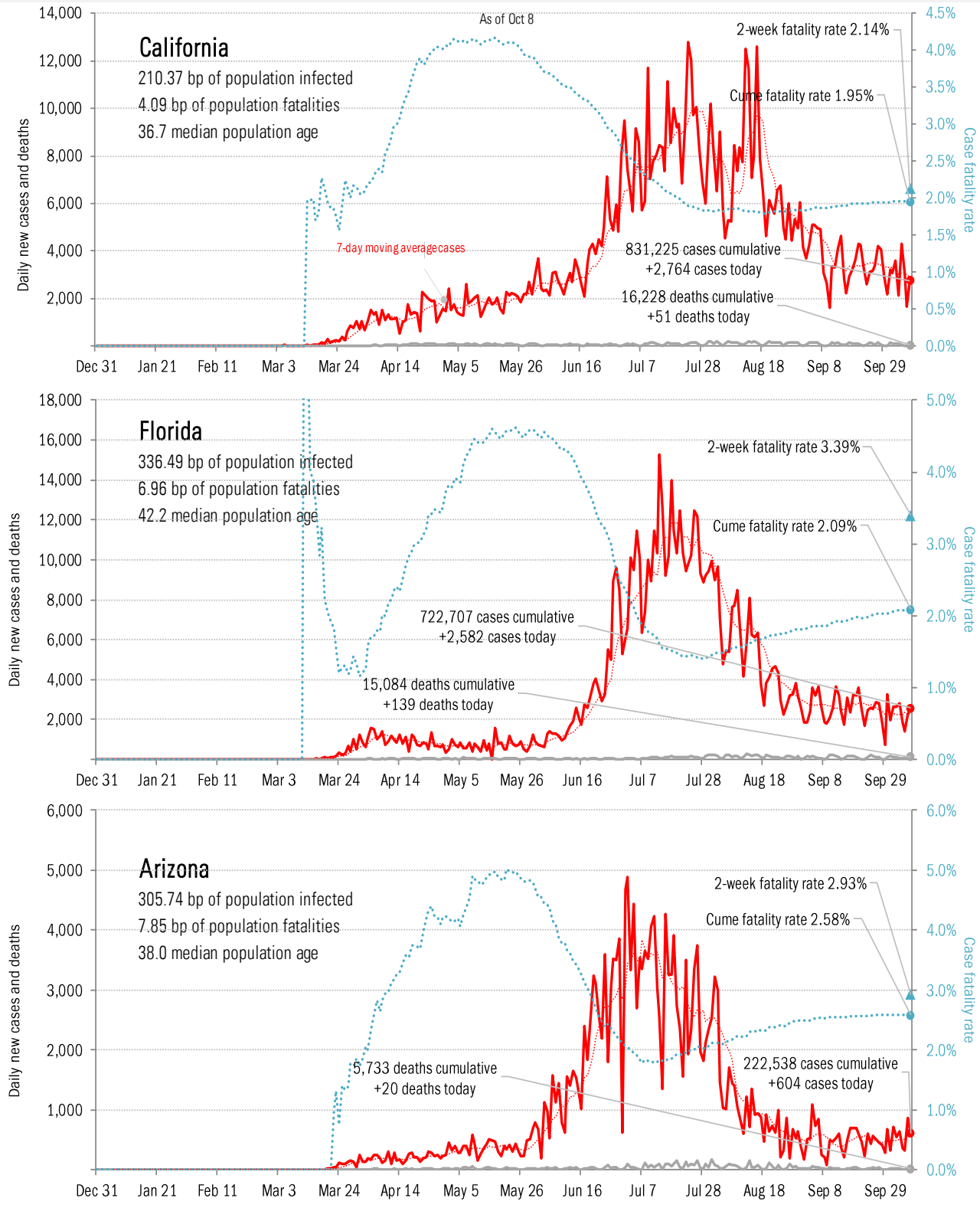
Source: ECDC, IHME, TrendMacro calculations

From Ground Zero to the Rio Grande



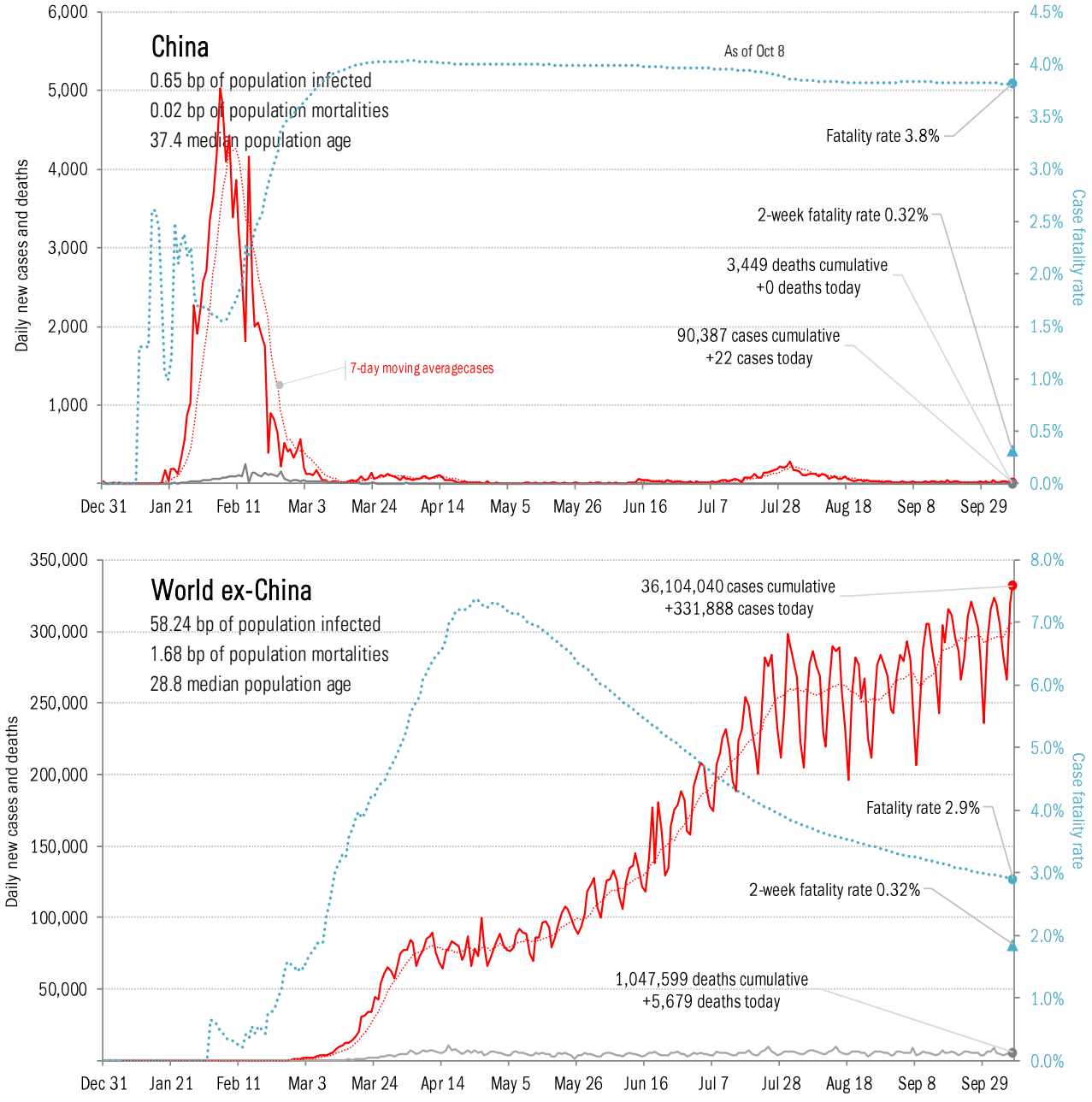
Source: ECDC, TrendMacro calculations

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



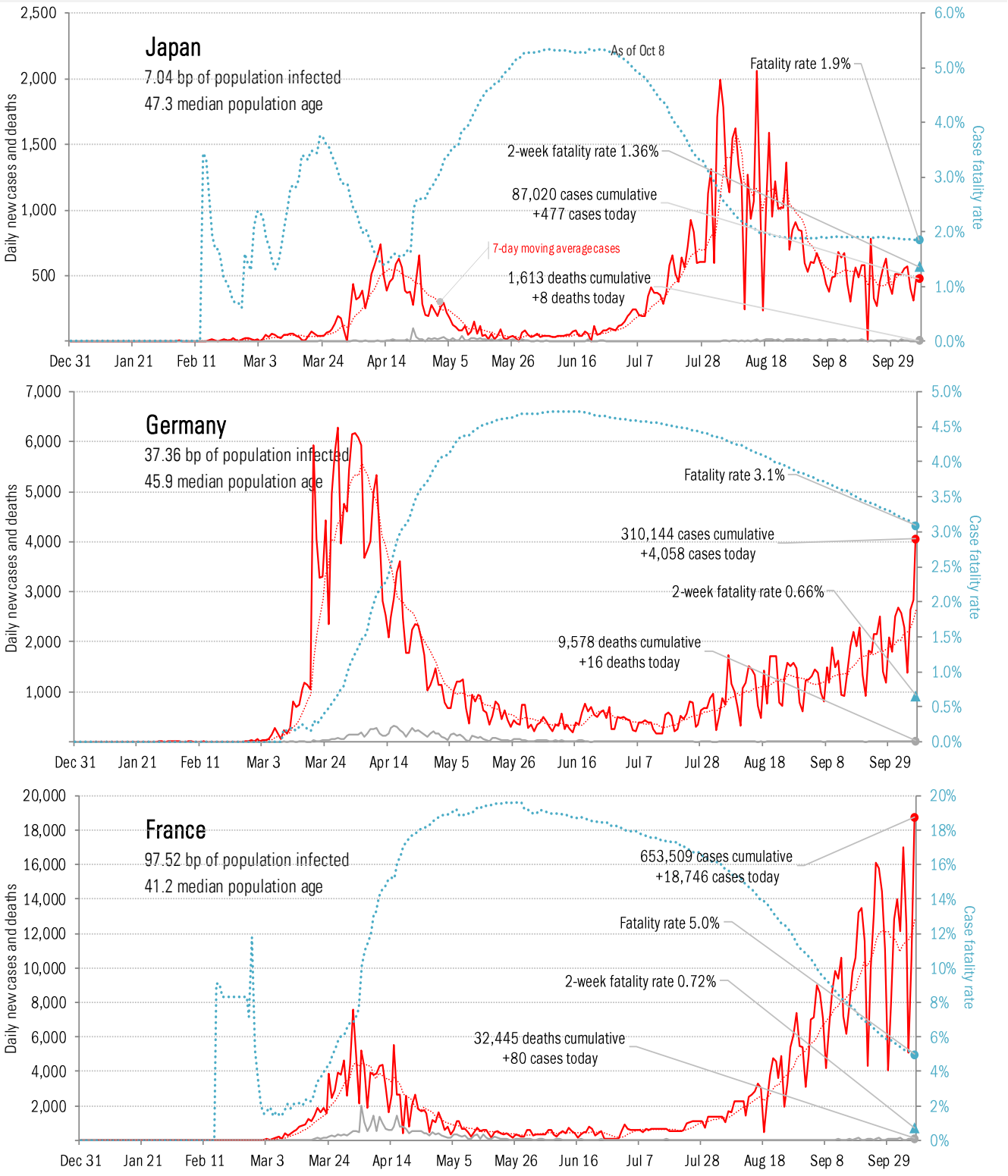
Source: ECDC, TrendMacro calculations

Patient zero… and then everyone else



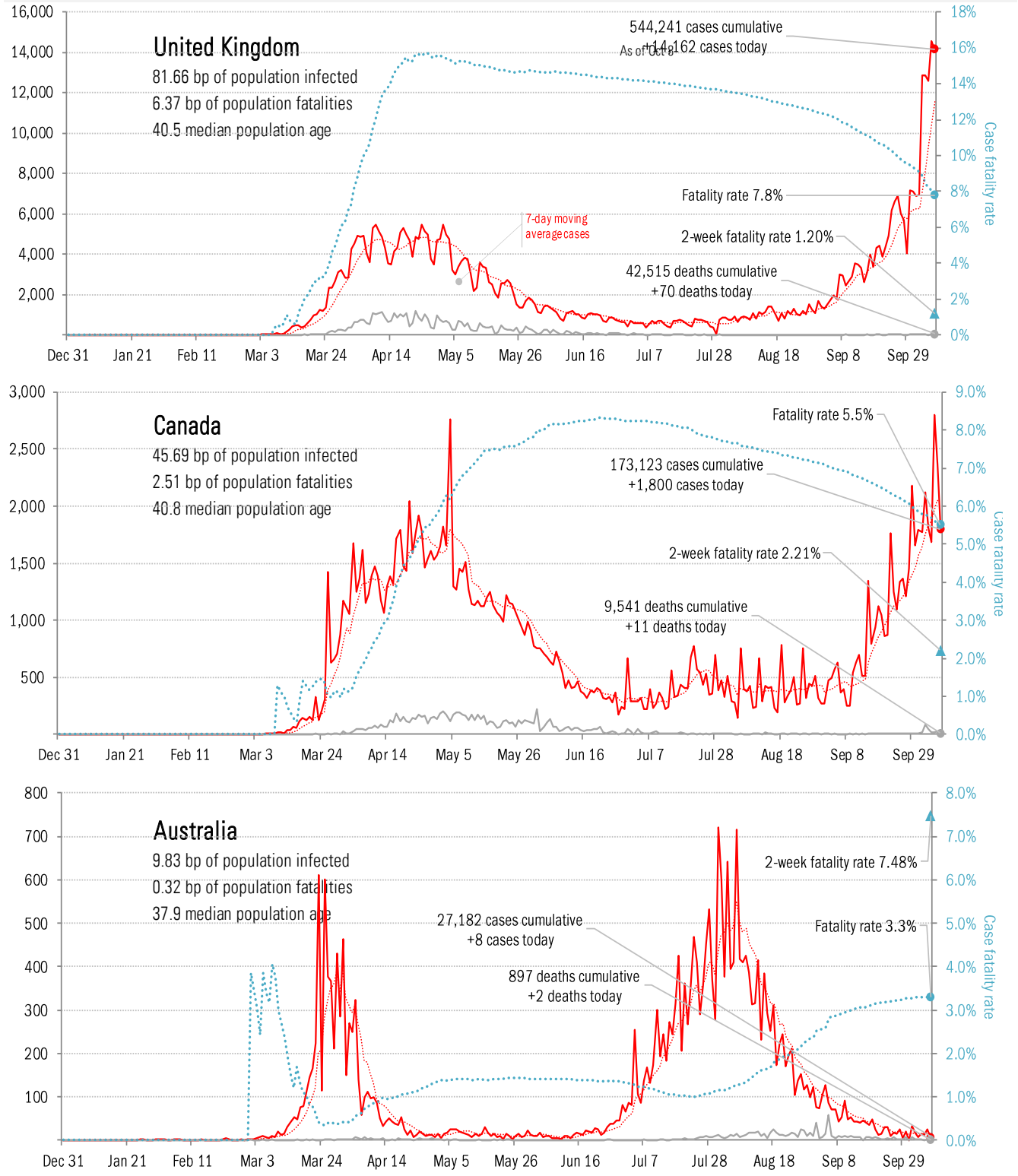
Source: ECDC, TrendMacro calculations

Impact in the largest economies



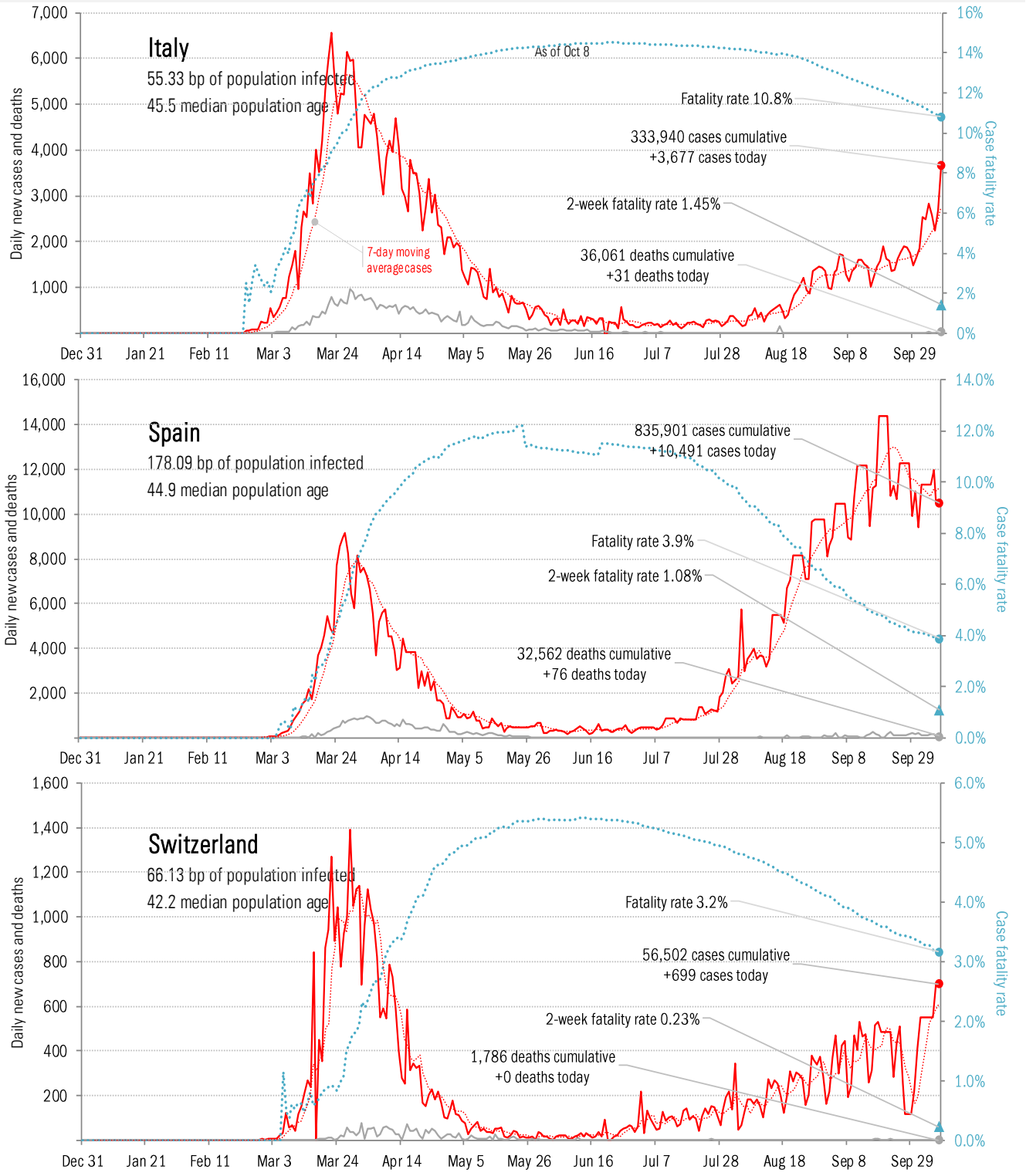
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



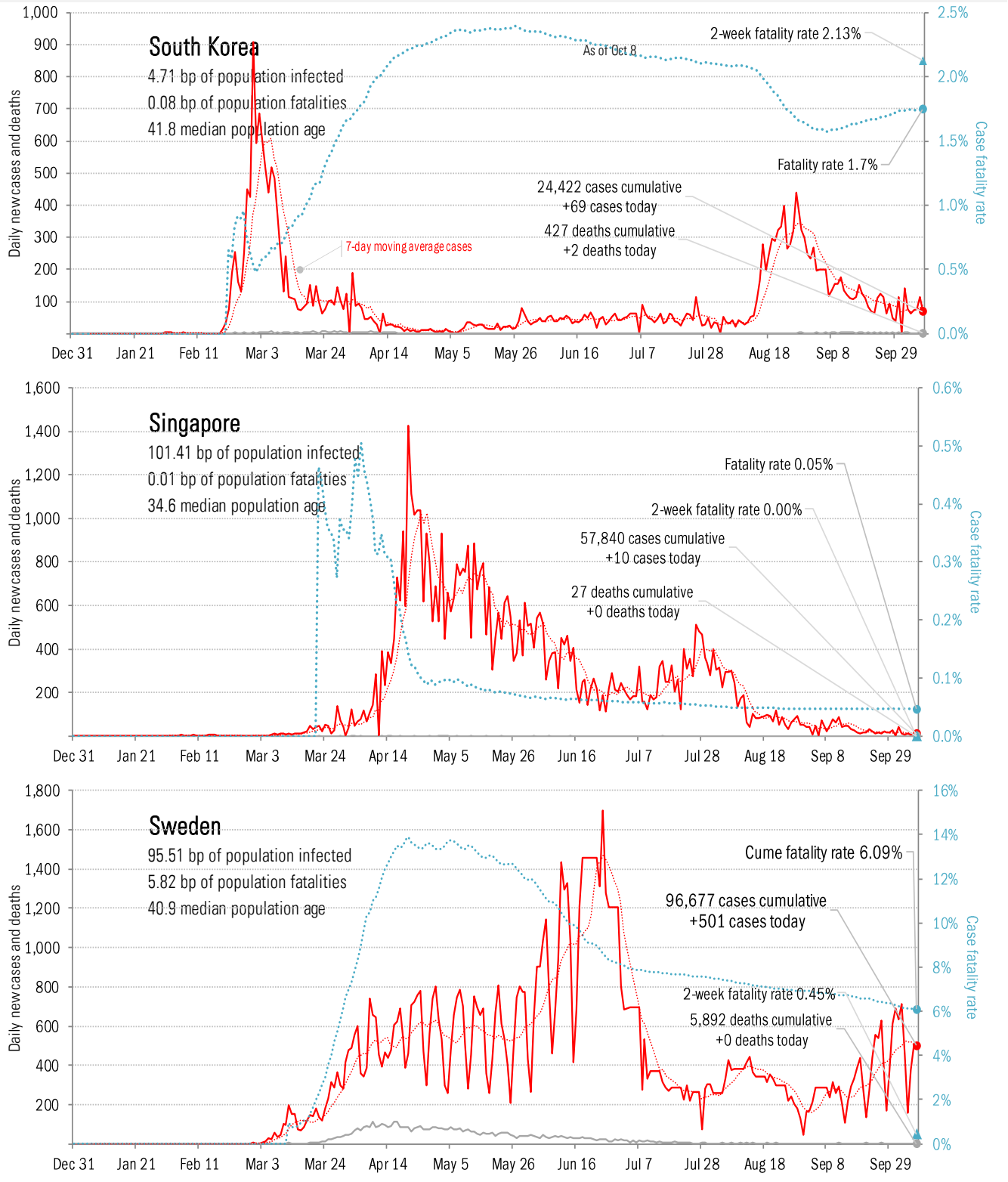
Source: ECDC, TrendMacro calculations

Impact in continental Europe



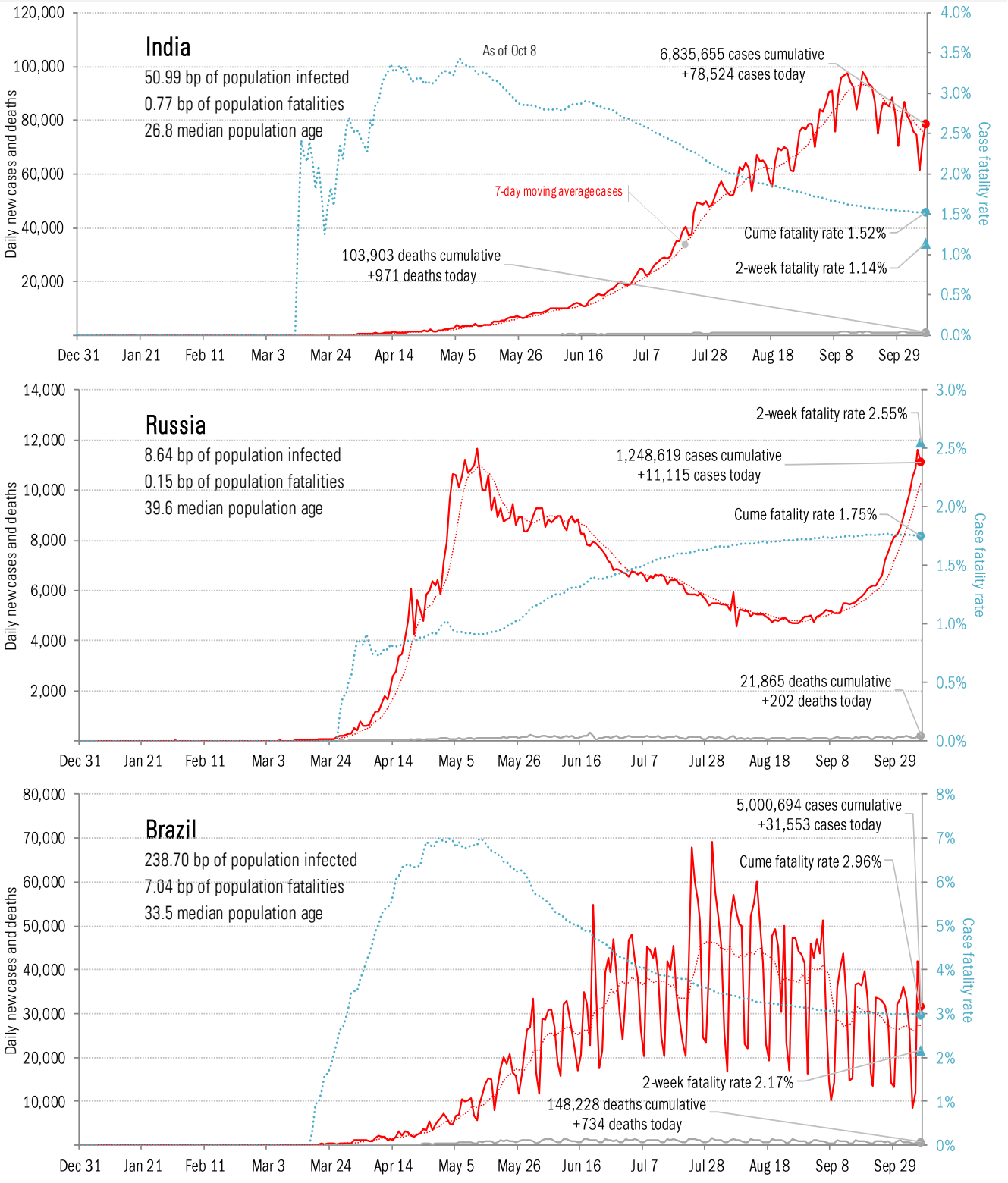
Source: ECDC, TrendMacro calculations

Impact in other hot-spots



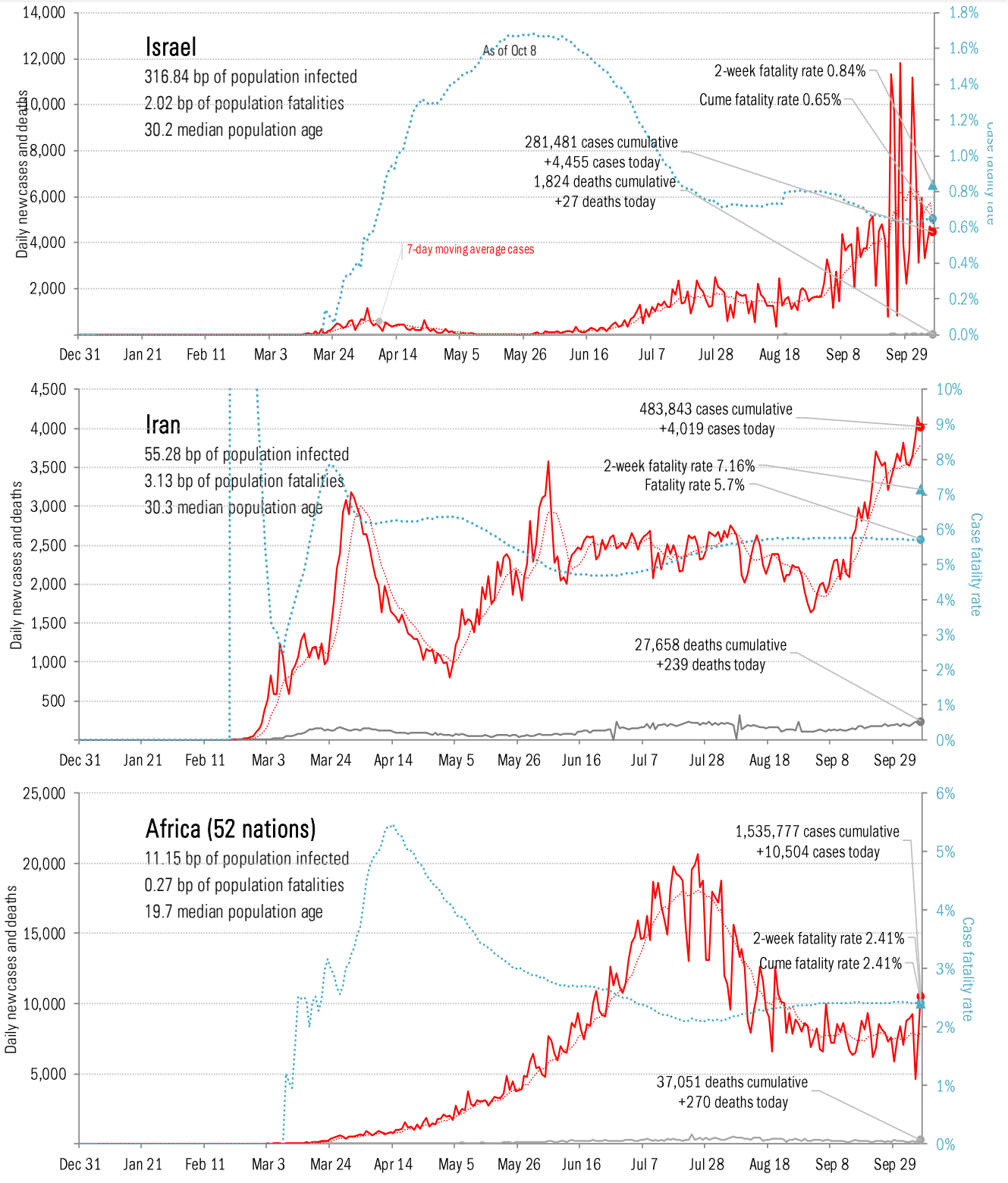
Source: ECDC, TrendMacro calculations

Impact in the BRICs ex-China



Source: ECDC, TrendMacro calculations

Impact in the Middle East and Africa



Source: ECDC, TrendMacro calculations