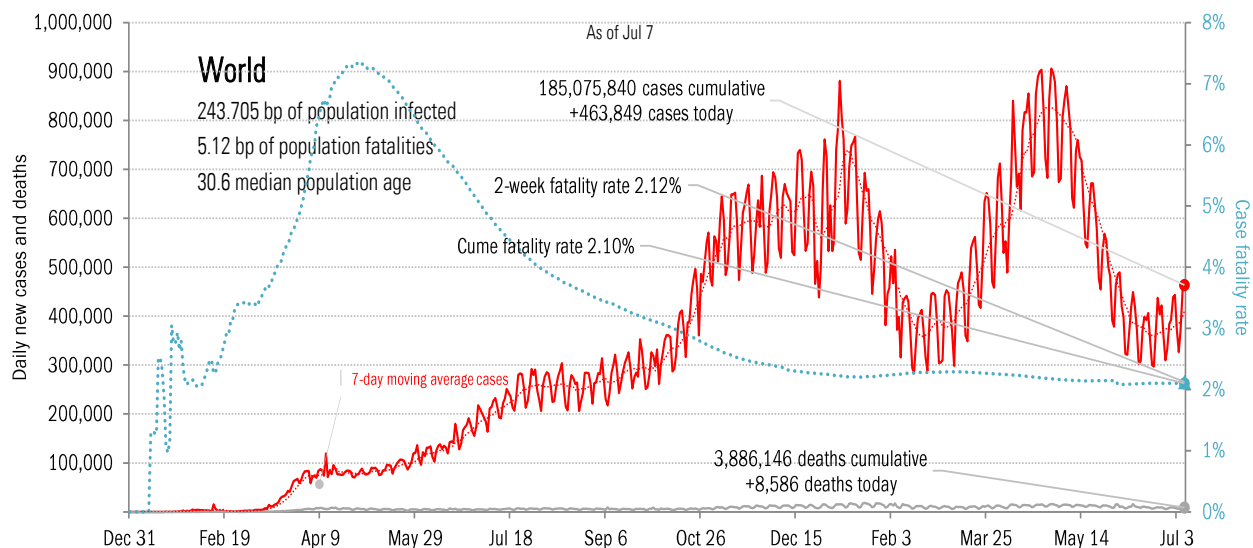
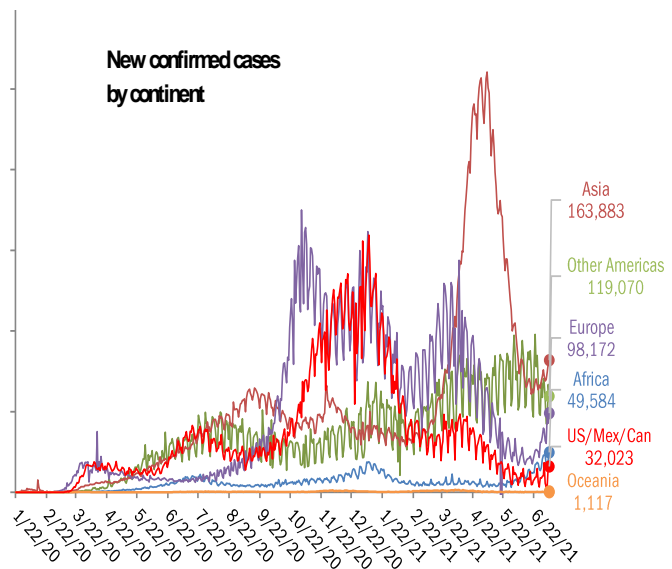


Data Insights: Covid-2019 Monitor

Thursday, July 8, 2021

The global scorecard

The worst ten countries			
	New cases		New Deaths
	Brazil +54,022		Brazil +1,648
	India +45,892		Indonesia +1,040
	Indonesia +34,379		India +817
	United Kingdom +32,061		Russia +713
	Colombia +24,229		Colombia +559
	Russia +23,510		Argentina +456
	United States +22,931		South Africa +411
	South Africa +21,427		United States +312
	Argentina +19,423		Mexico +234
	Spain +17,384		Bangladesh +201
	+295,258		+6,391
	World +463,849		World +8,586
	Top ten 64%		Top ten 74%



Source: [Johns Hopkins](#), TrendMacro calculations

For more information contact us:

Donald Luskin: 312 273 6766 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

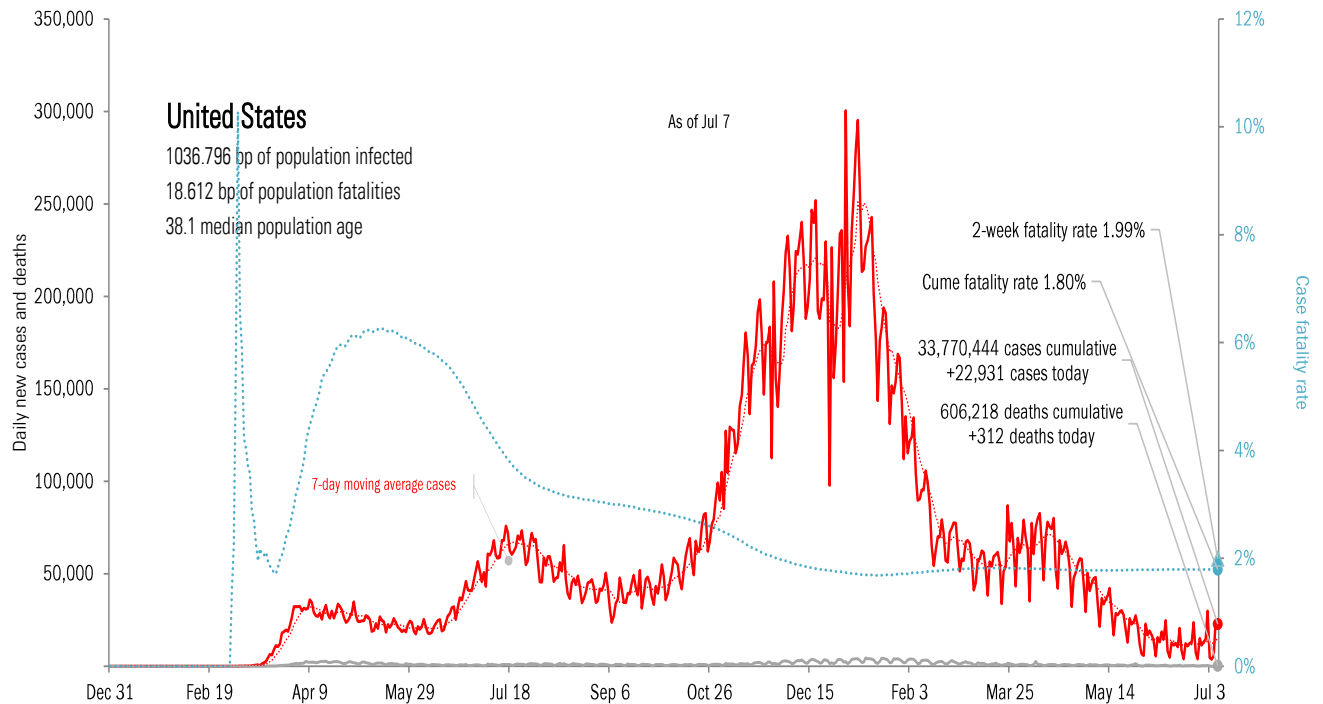
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	+4,388		MO	+30		TX	+57		CA	3,826,508		CA	63,747		TX	255,227		RI	92%	MO	18%
FL	+2,241		AL	+29		FL	+53		TX	3,010,929		NY	53,717		CA	241,196		MA	84%	AR	15%
CA	+2,139		CA	+25		NV	+41		FL	2,384,421		TX	52,531		FL	188,774		AL	84%	UT	14%
MO	+1,659		TX	+25		CA	+28		NY	2,117,549		FL	38,041		NY	136,755		MO	82%	NV	11%
AL	+1,613		CH	+22		NY	+21		IL	1,394,235		PA	27,718		GA	109,737		MD	82%	WA	9%
LA	+1,226		OK	+18		AZ	+16		PA	1,217,707		NJ	26,490		PA	91,888		PA	82%	TX	9%
IA	+1,044		FL	+13		GA	+9		GA	1,137,560		IL	25,711		CH	88,127		WV	79%	CO	8%
KS	+1,029		NJ	+13		WA	+9		CH	1,113,006		GA	21,467		IL	82,815		CT	79%	AK	8%
AR	+1,000		WA	+13		MO	+8		NJ	1,024,748		MI	21,031		KY	78,415		MI	78%	FL	7%
GA	+667		MS	+11		NE	+8		NC	1,016,262		CH	20,366		MI	73,305		MN	78%	NM	7%
+17,006			+199			+250			18,242,925			350,819			1,346,239						
All states	+25,172		+325			+145			All states	33,770,444		606,218			2,398,355			All states	70%	67%	
Top ten	68%		61%			172%			Top ten	54%		58%			56%			Median	72%	4%	

Some states not reporting

Five most improved US states

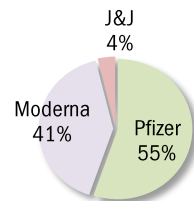
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NC	-1,073	CA	-42	LA	-53	MS	+330 bp
NV	-893	FL	-29	OK	-25	UT	+30 bp
OK	-890	MI	-22	NJ	-20	ME	+20 bp
LA	-791	IL	-21	KY	-19	MP	+20 bp
WA	-779	AZ	-17	CA	-17	SD	+20 bp



Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

US overall	Total				Today	Immunity	Full	Partial
Doses distributed	395,673,475				+0.001 million	US	47.2%	54.7%
Doses administered	341,422,588				+0.438 million	UK	50.1%	67.1%
Administered	One dose	% Pop	Immune	% pop	New immune today	France	34.1%	51.4%
Total population	187,608,509	56%	162,109,094	49%	+0.272 million	Spain	42.7%	57.7%
Age 12 to 17	9,179,252	36%	7,035,654	28%	+0.039 million	Germany	40.5%	57.1%
Age 18 to 64	128,206,969	63%	110,365,040	54%	+0.194 million	Italy	35.2%	57.4%
Age 65 and over	49,999,234	91%	44,580,312	82%	+0.039 million	Australia	7.9%	25.7%



State
Immunities distributed as % population**
At least partial immunity as % population
Full immunity as % population



At today's dosing pace, every American >18 immune in **320 days** by May 24, 2022

60.0% of population >18 immunized
11.5% previously tested positive
71.5% vs 60% adult herd immunity*

Global data differs from sources, timing

China NA

AK
60.9%
50.1%
44.2%

ME
72.9%
66.9%
62.1%

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As of Jul 8

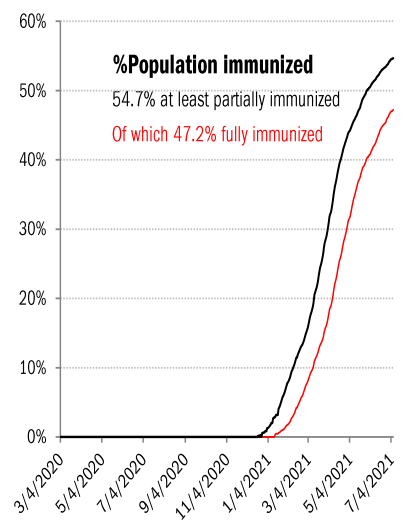
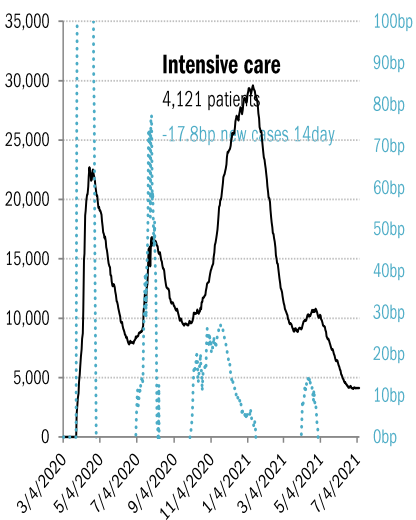
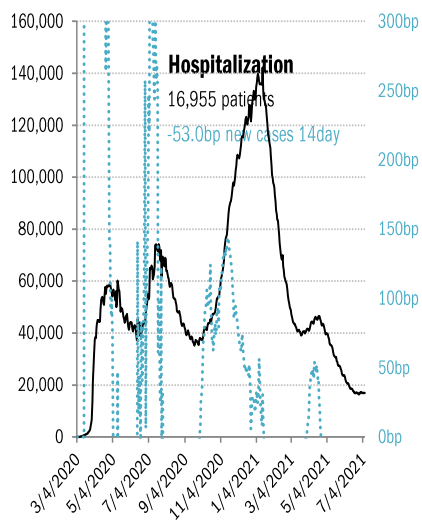
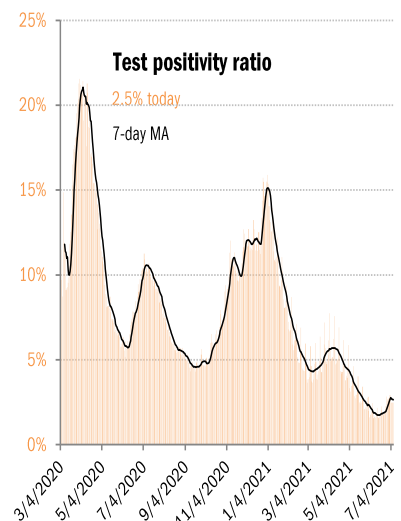
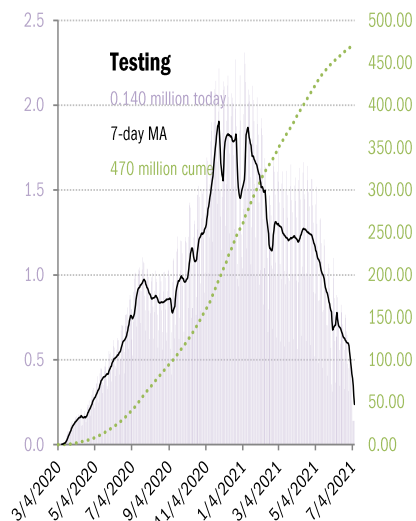
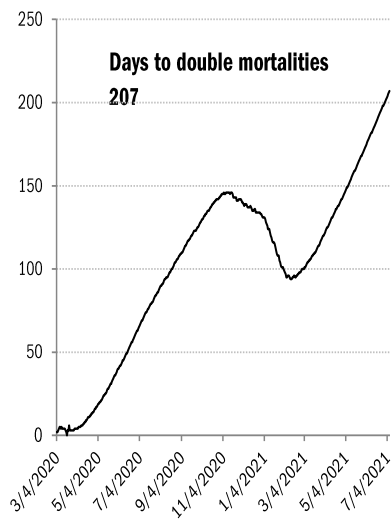
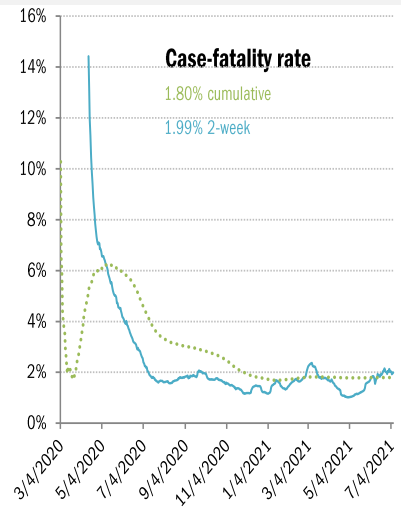
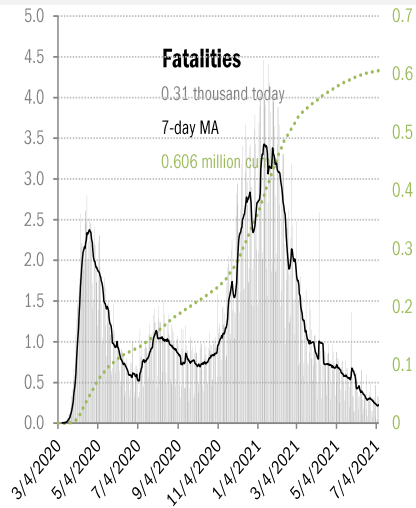
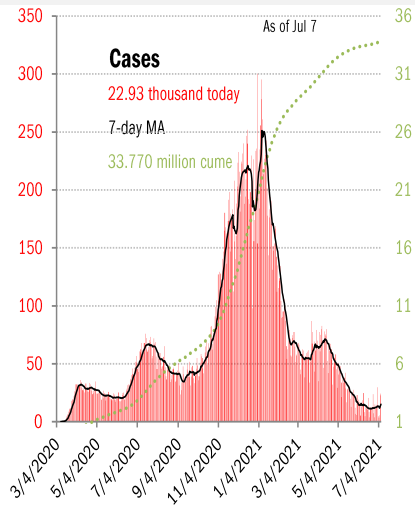
* Includes persons >18 fully immunized or previously tested positive, no overlap. Disregards untested positives, natural immunities.

** One dose of Pfizer/Moderna counts as half an immunity, one dose of J&J as a full immunity

Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

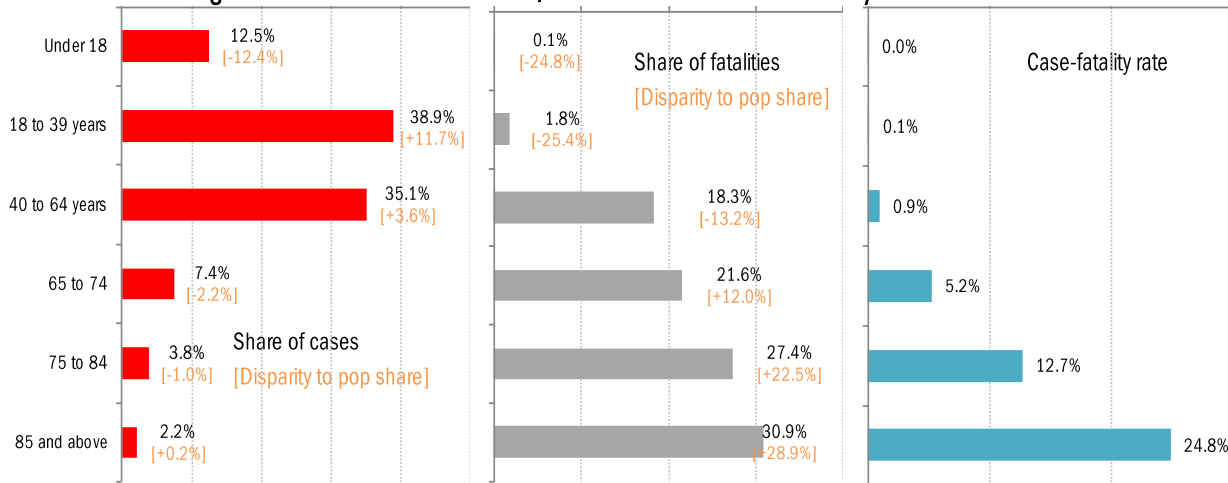
US deep-dive

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

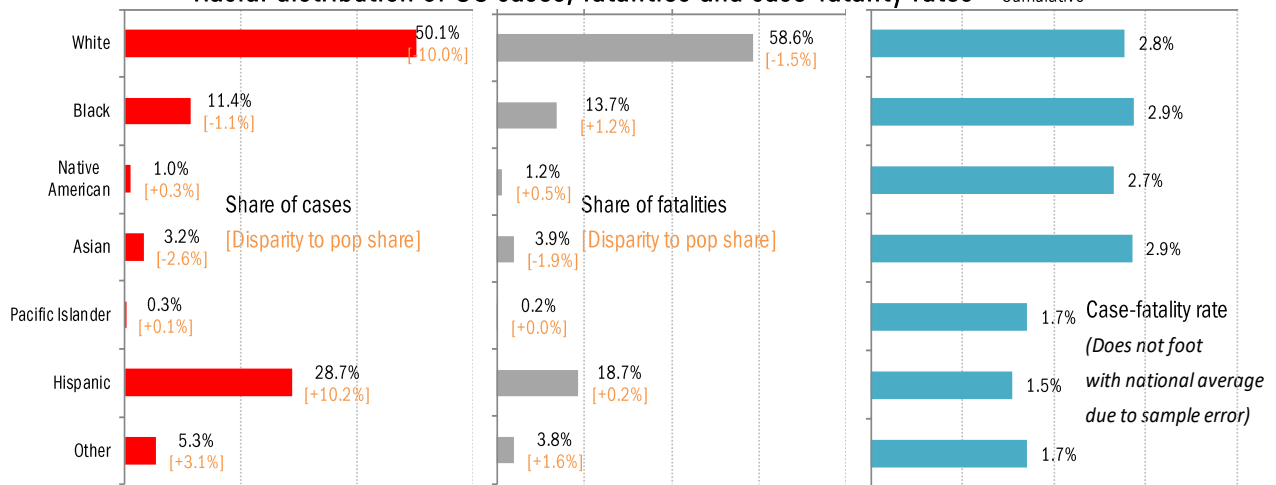


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

Age distribution of US cases, fatalities and case-fatality rates

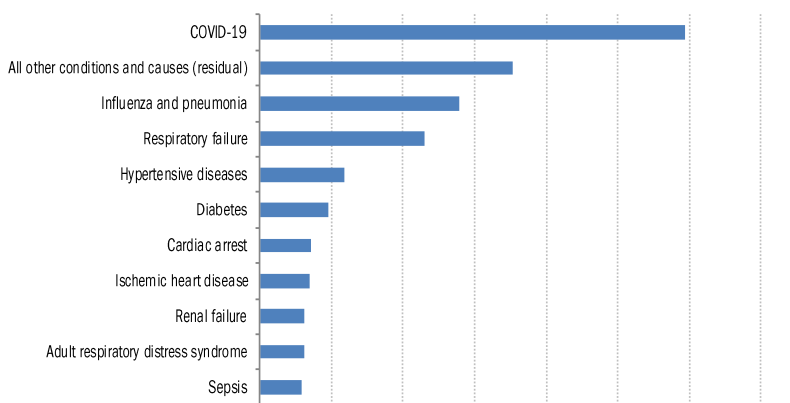


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Jun 27

For over 5% of these deaths, COVID-19 was the only cause mentioned on the death certificate. For deaths with conditions or causes in addition to COVID-19, on average, there were 4.0 additional conditions or causes per death.

Recommended reading

[The Real Toll From Prison Covid Cases May Be Higher Than Reported](#)

Maura Turcotte, Rachel Sherman, Rebecca Griesbach and Ann Hinga Klein
New York Times
July 7, 2021

[Why won't The Lancet admit it was wrong?](#)

Ian Birrell
UnHerd
July 6, 2021

[Why Did Traffic Deaths Spike As Drivers Left Roads?](#)

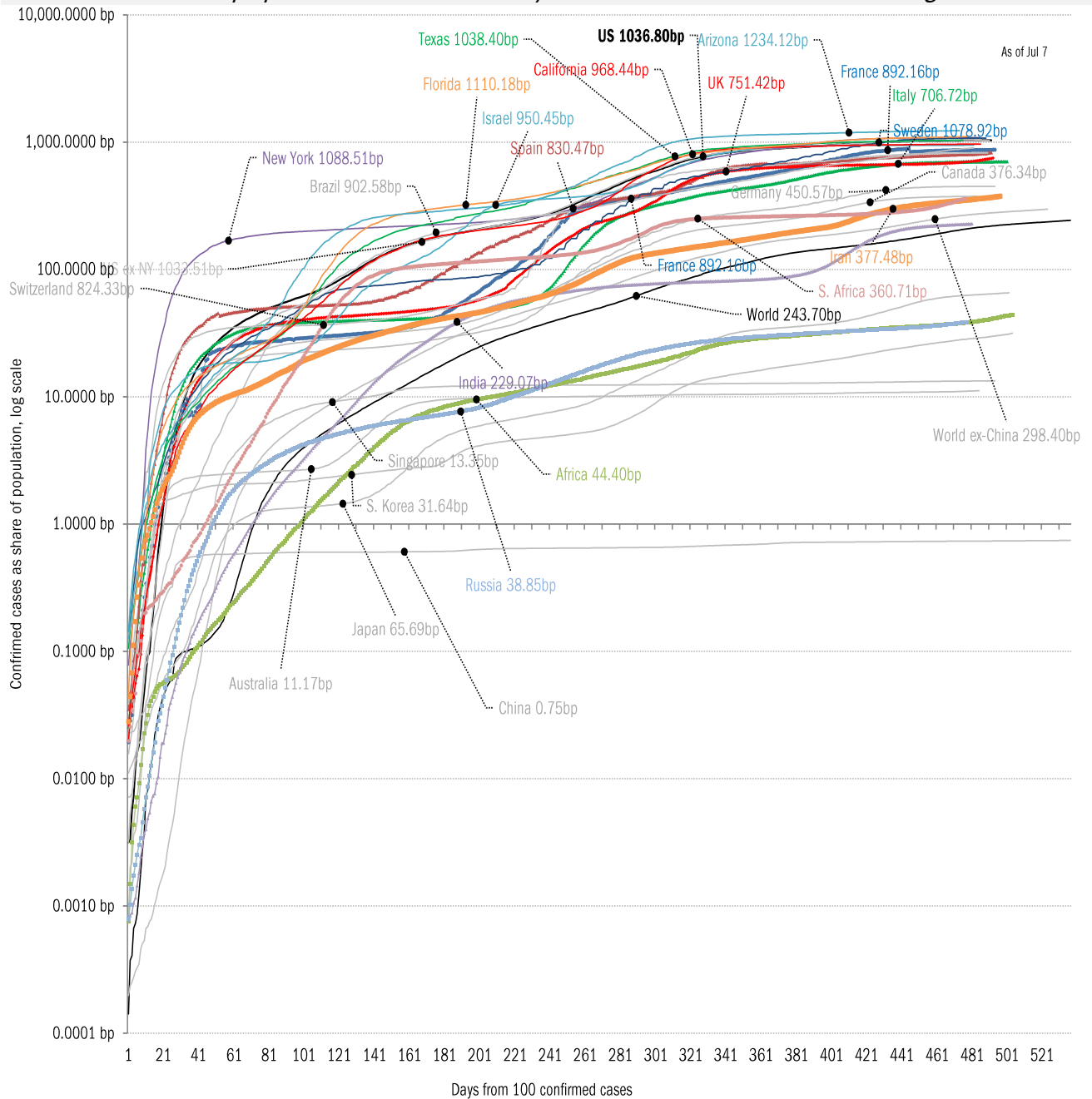
Peter C. Earle
American Institute for Economic Research
July 5, 2021

Meme of the day



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

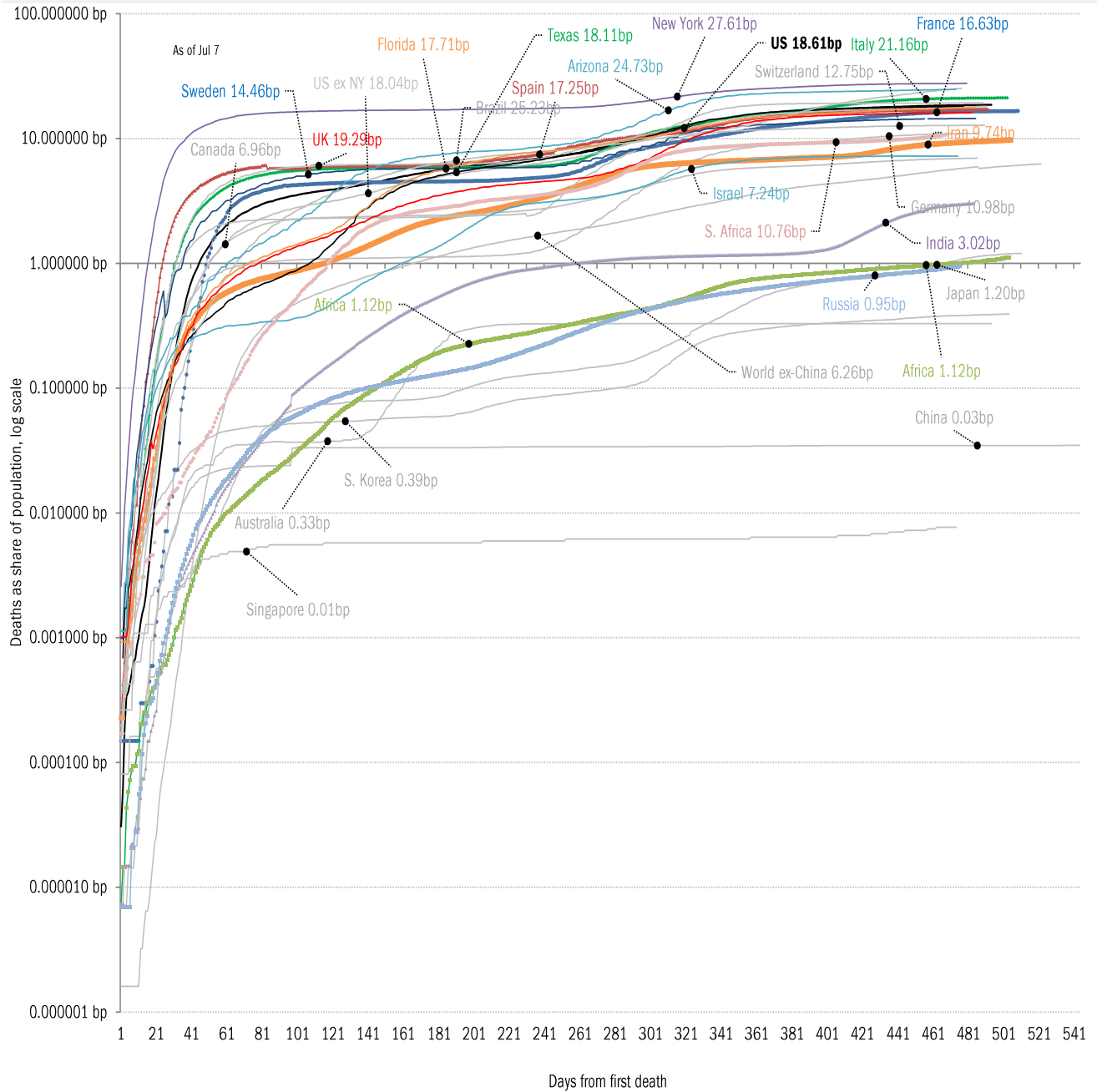
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [Johns Hopkins](#), TrendMacro calculations

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

Share of deceased population from day of first fatality, log scale

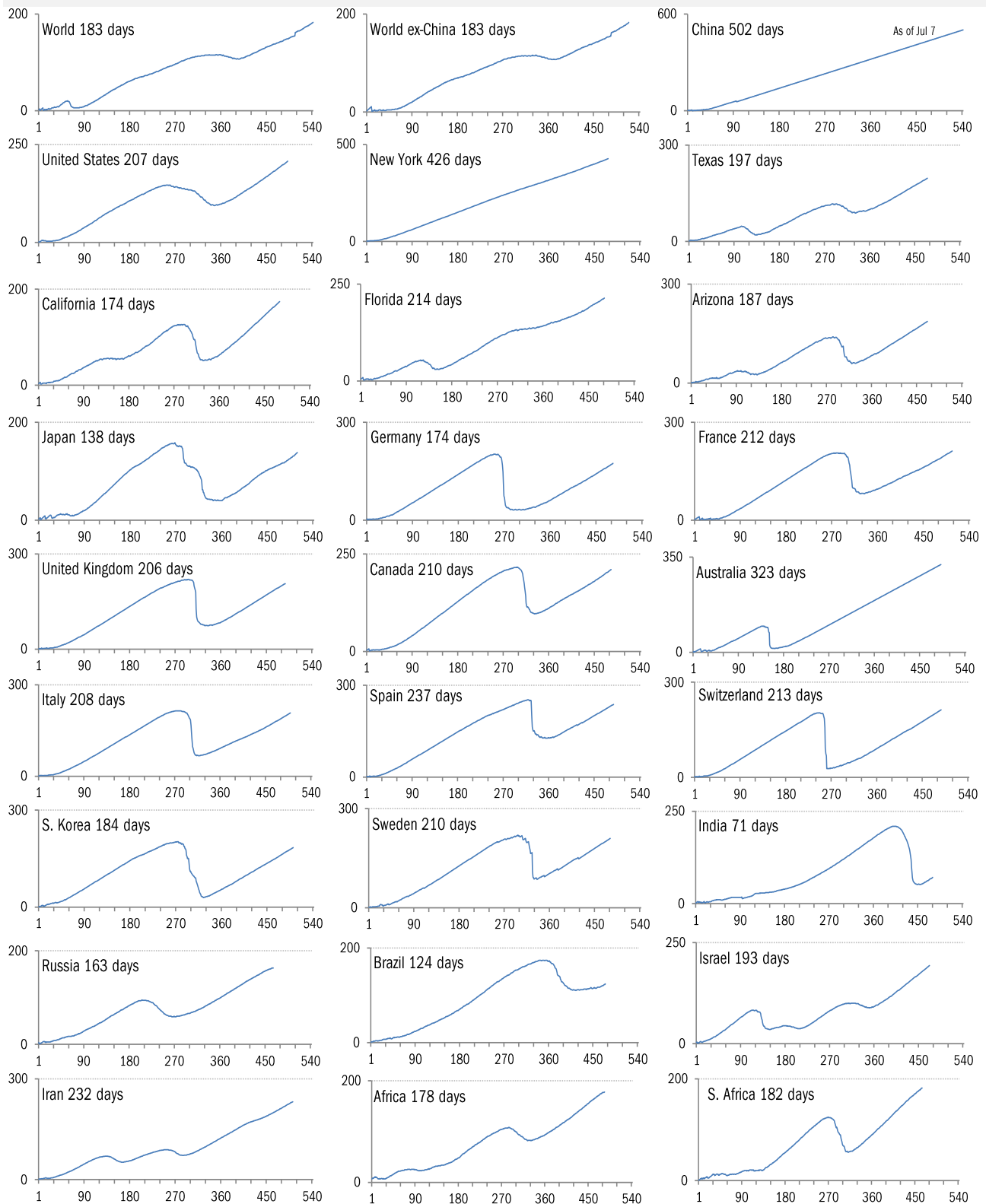


Source: [Johns Hopkins](#), TrendMacro calculations

"Exponential"? Our most reliable evidence of the rate of spread of Covid-2019

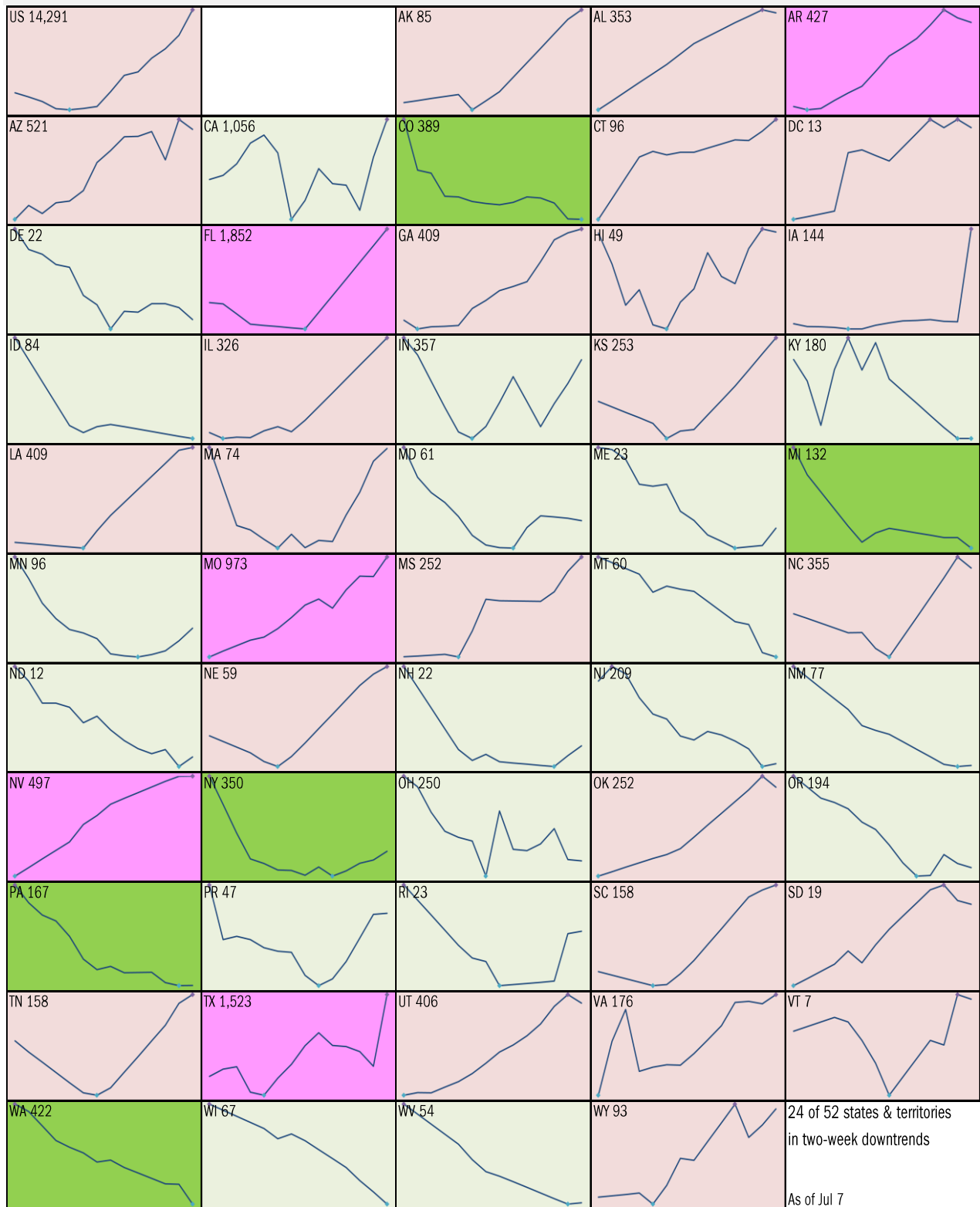
Vertical: days to double deaths Horizontal: days from first death

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



Source: [Johns Hopkins](#), 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

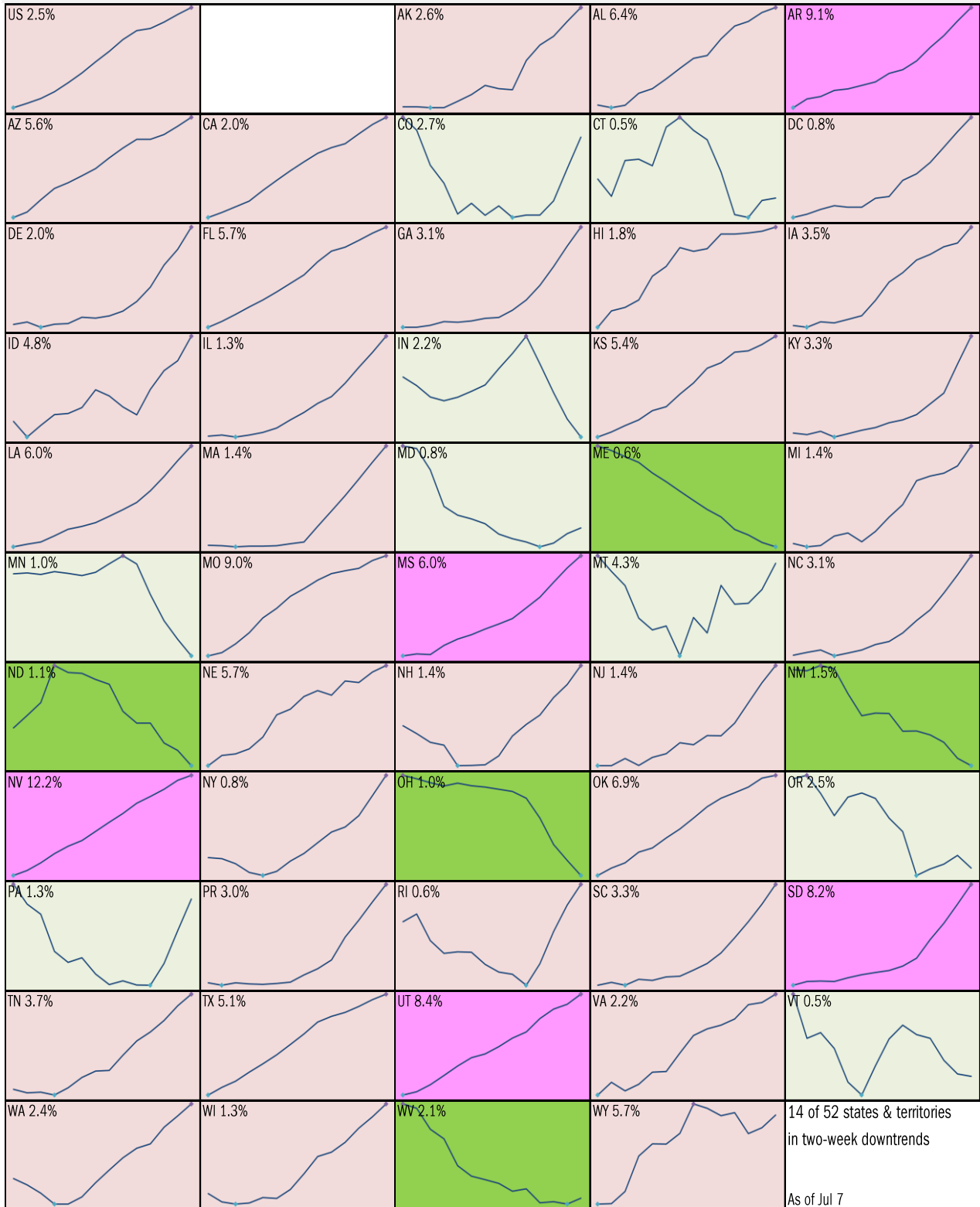


Source: [Johns Hopkins](#), TrendMacro calculations

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

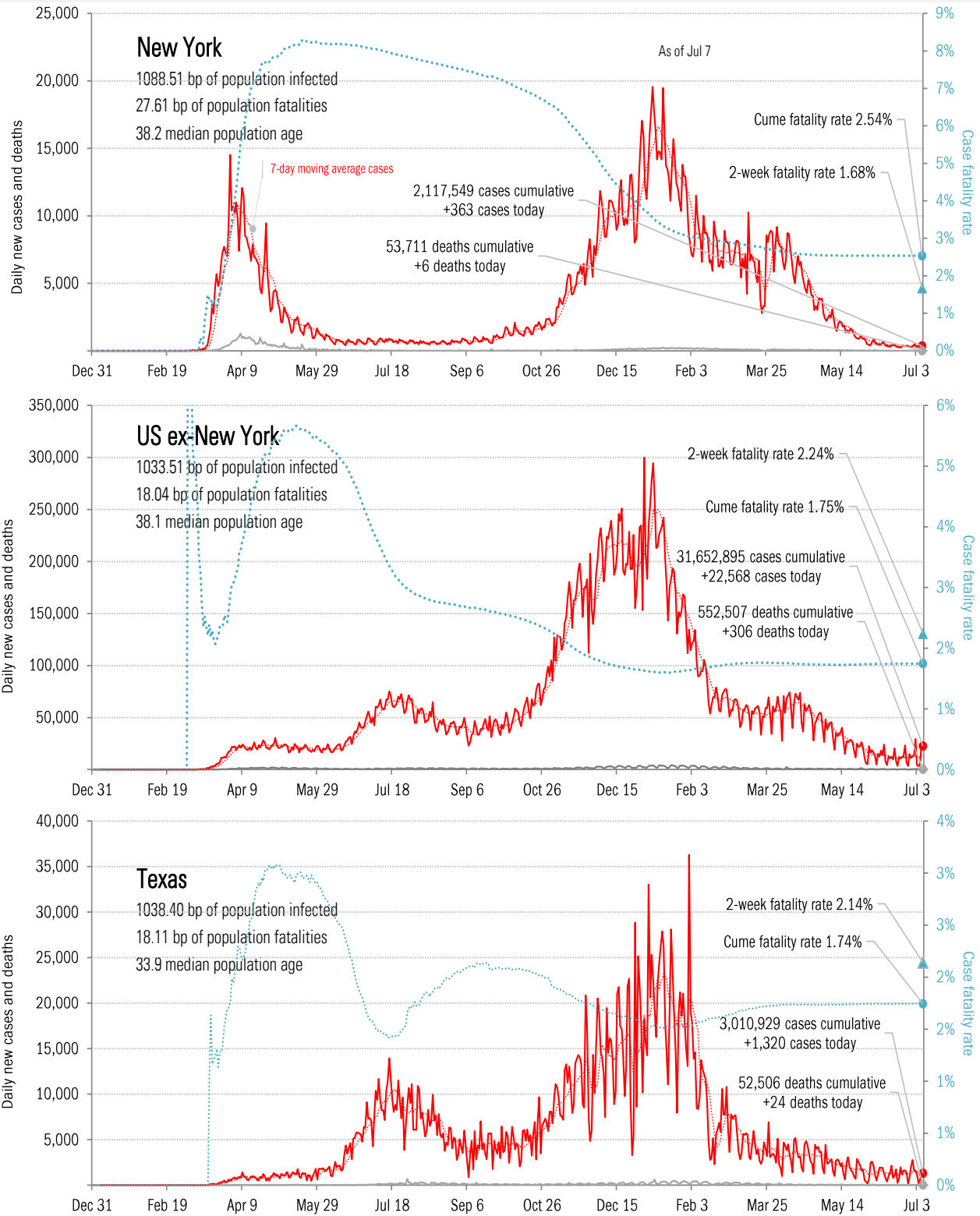
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



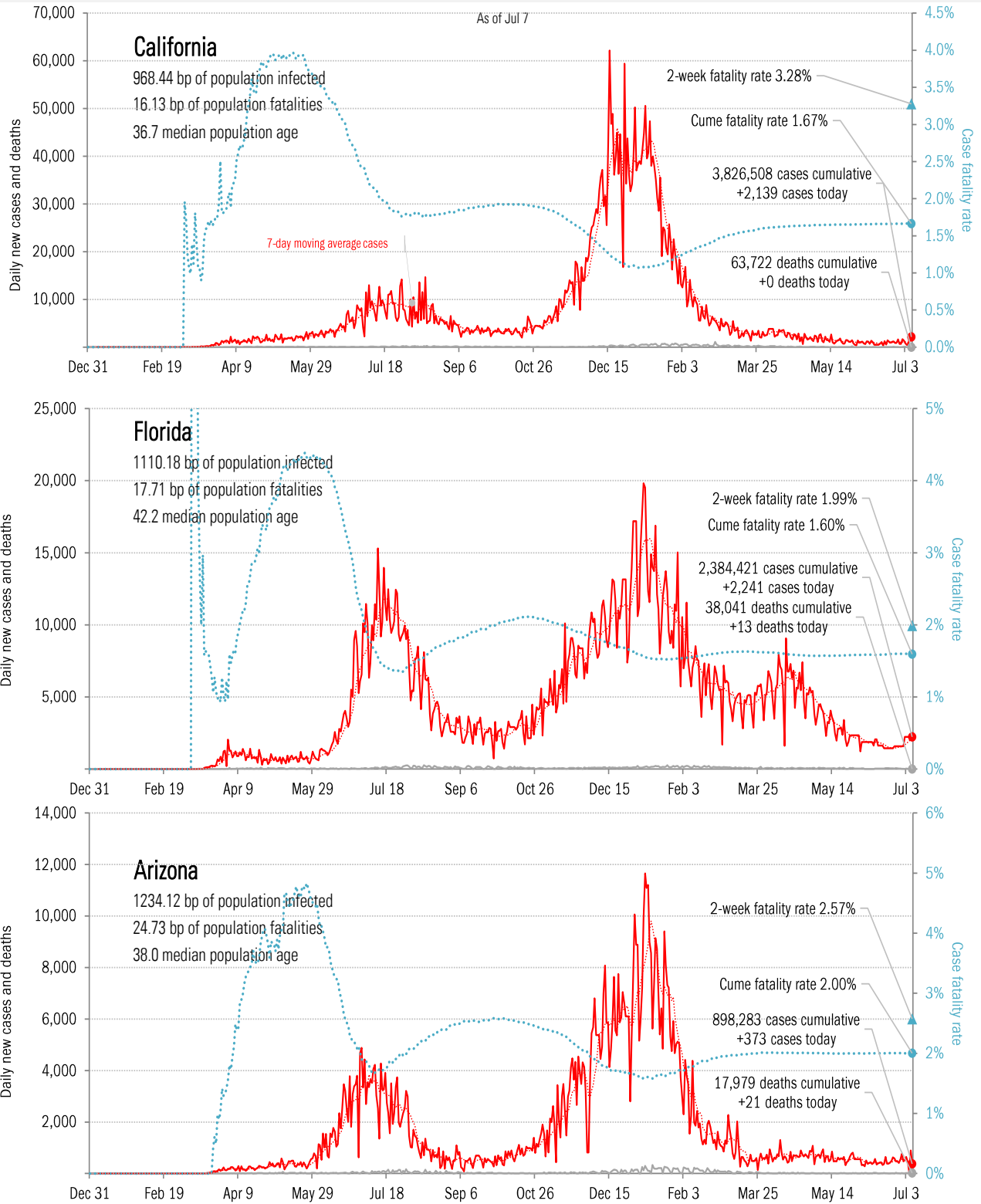
Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande



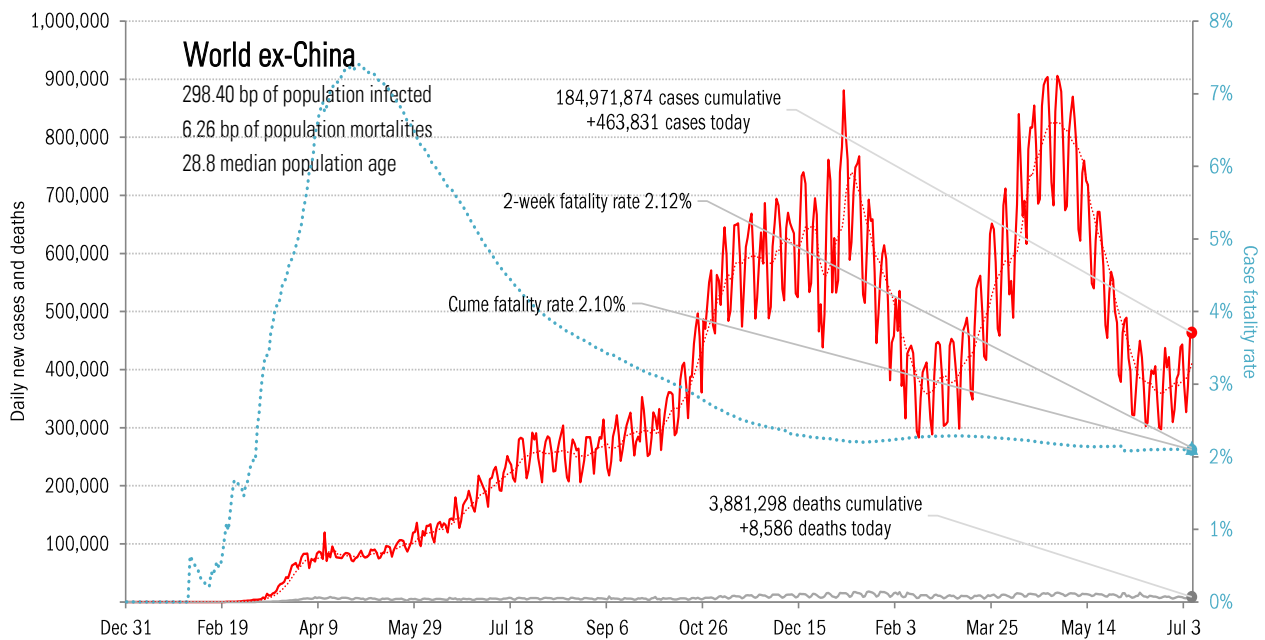
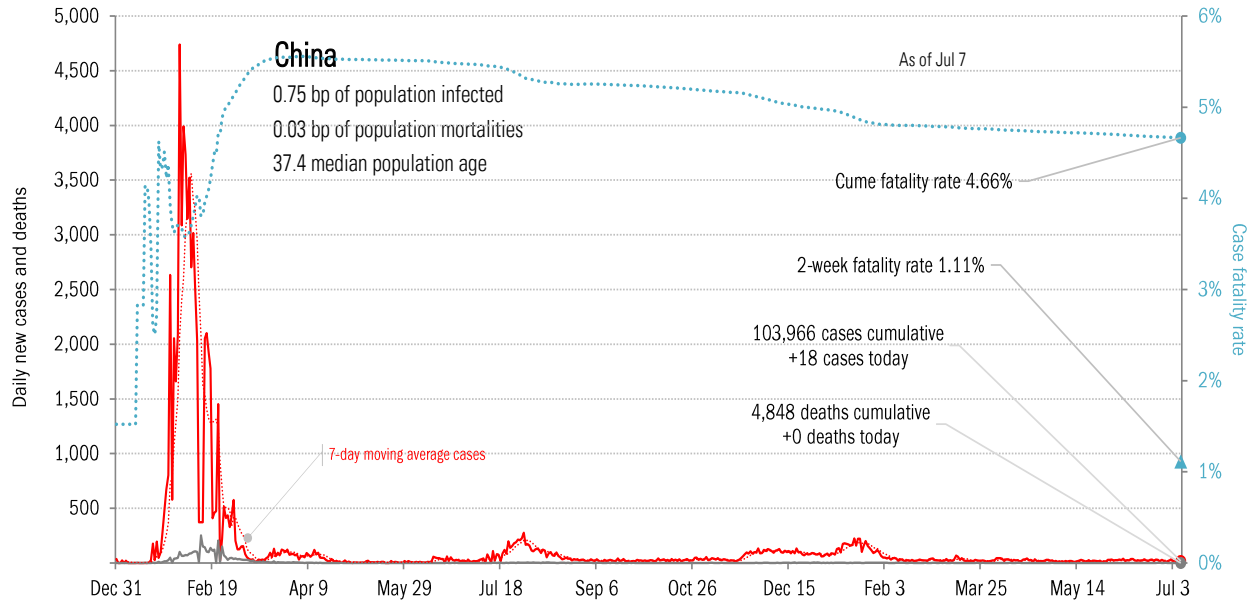
Source: [Johns Hopkins](#), TrendMacro calculations

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



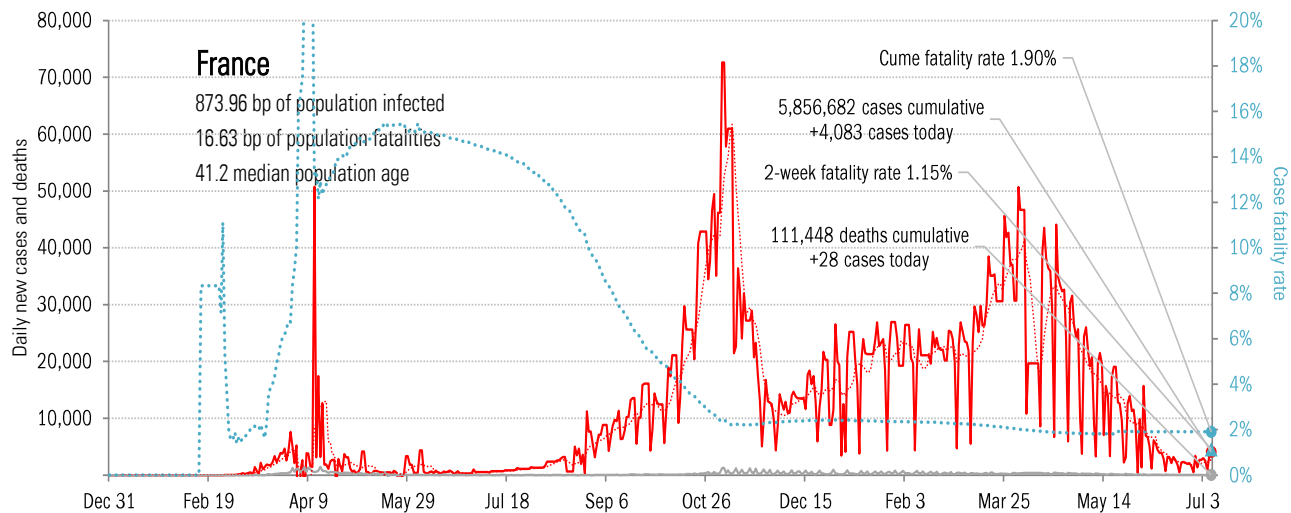
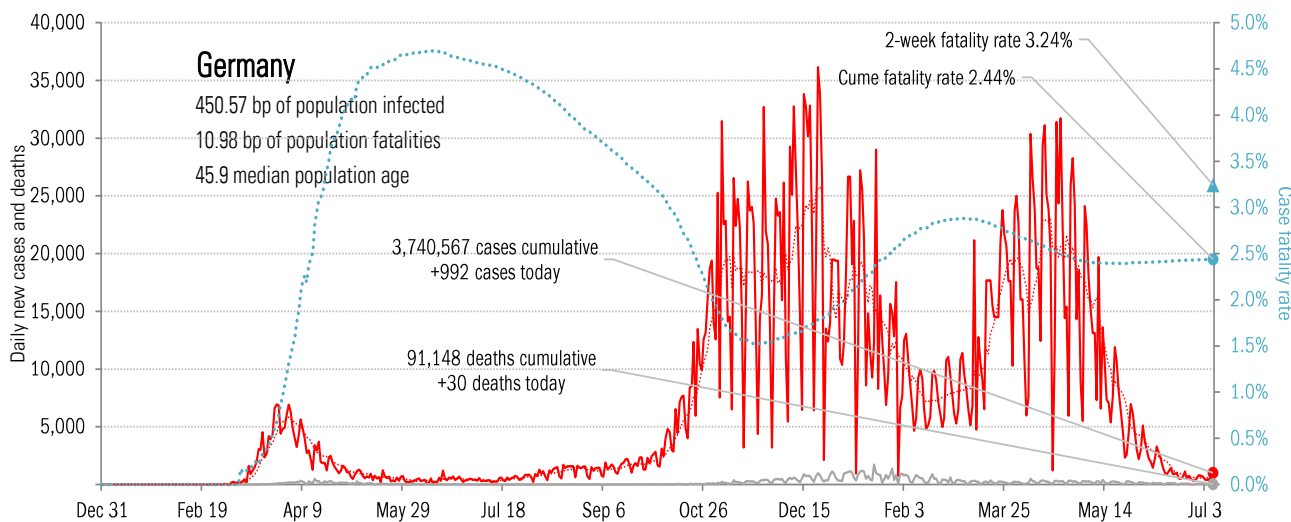
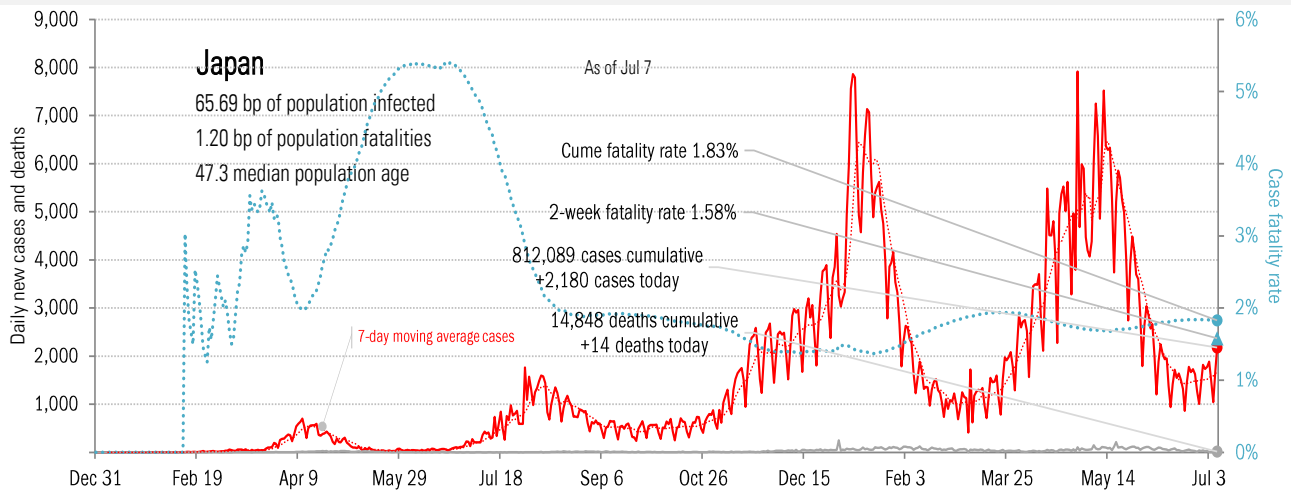
Source: [Johns Hopkins](#), TrendMacro calculations

Patient zero... and then everyone else



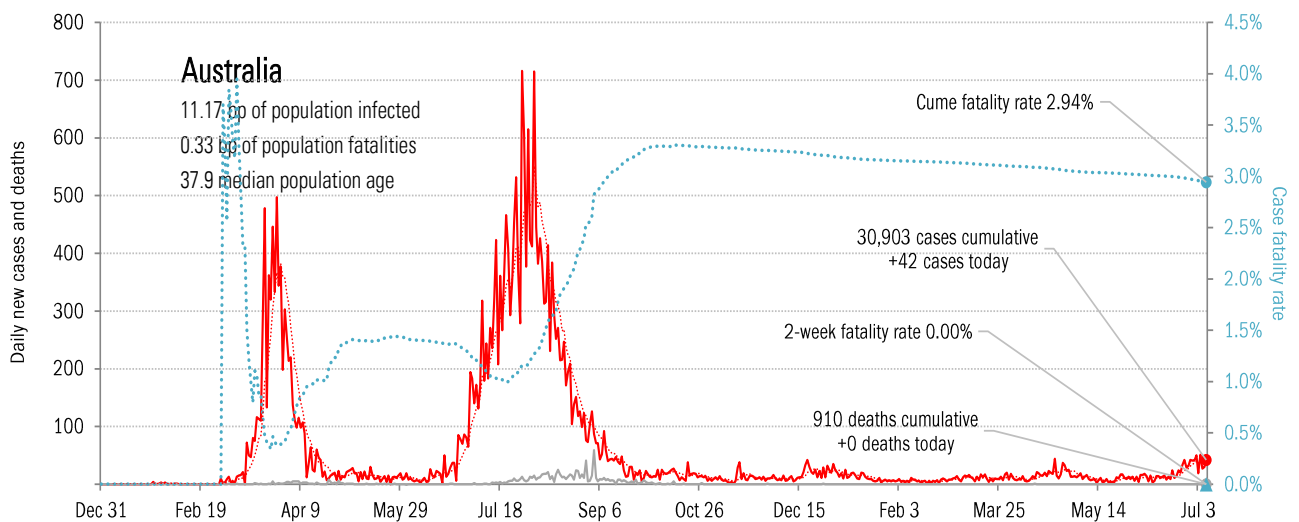
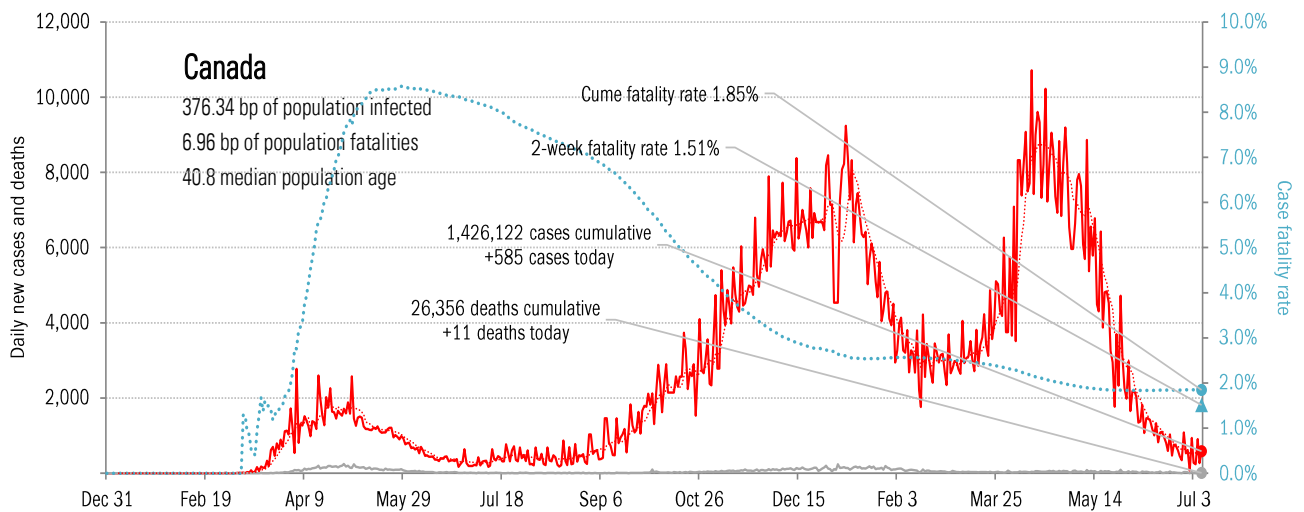
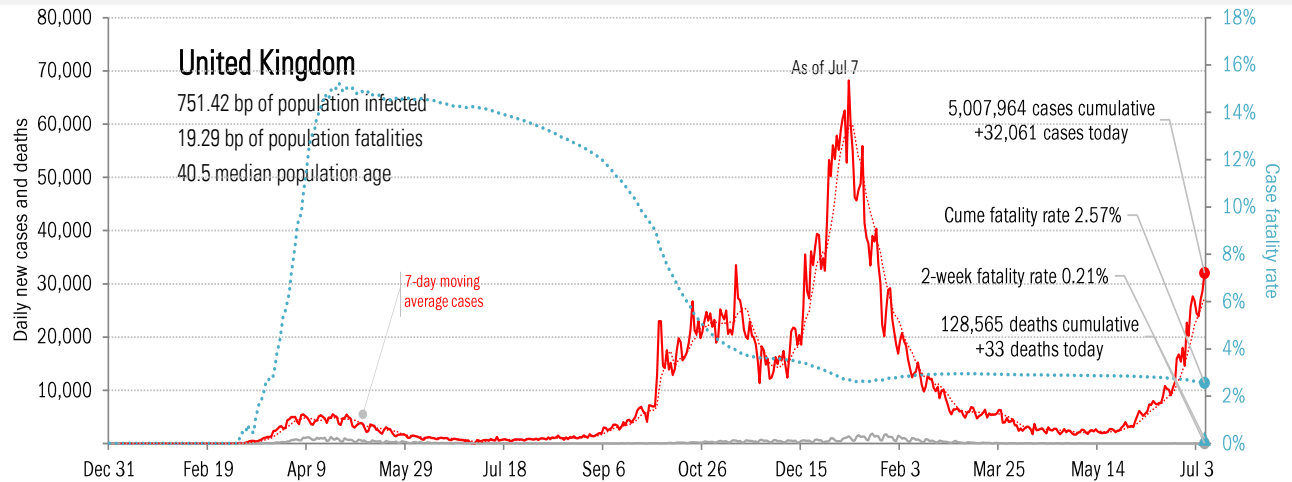
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the largest economies



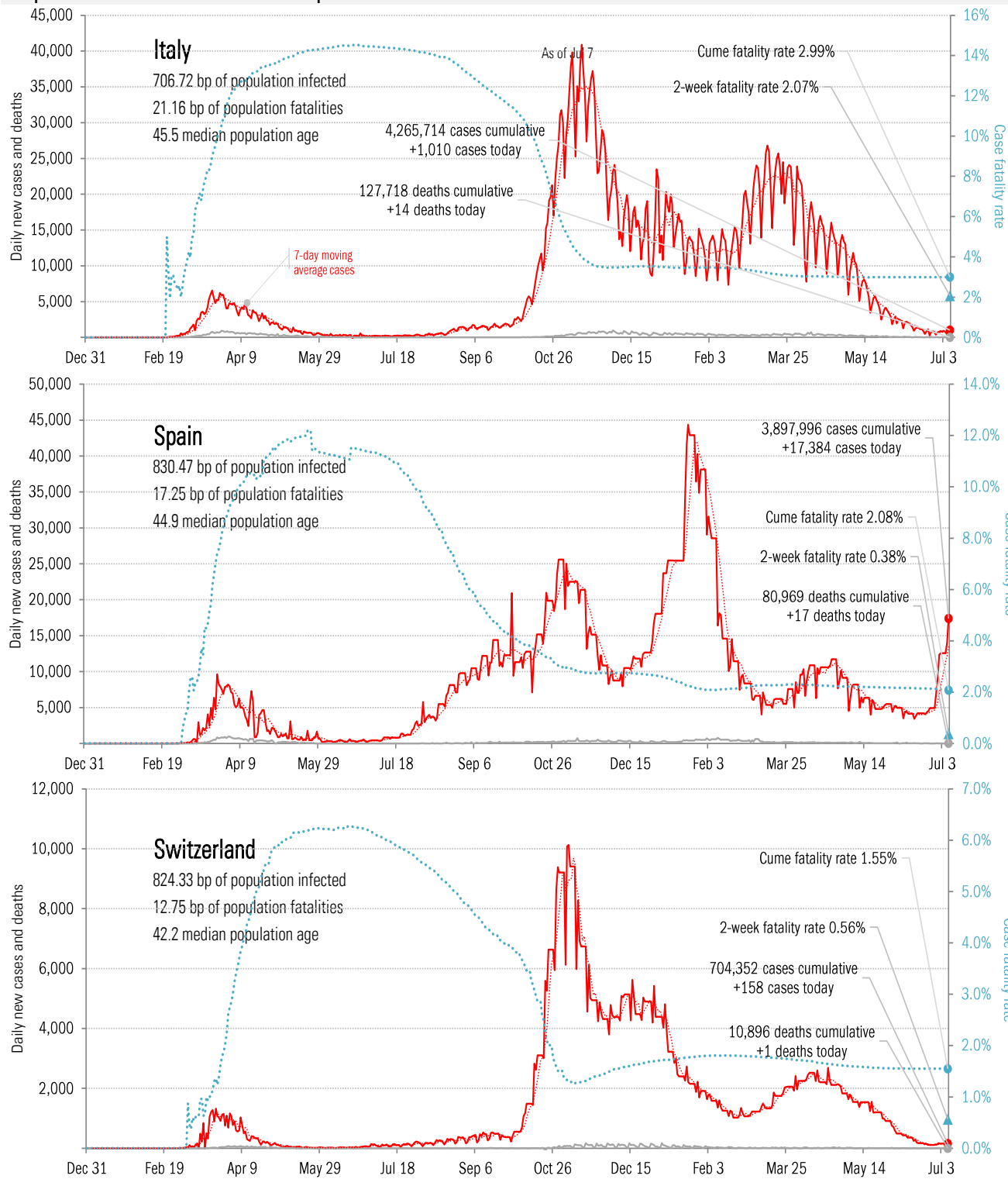
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



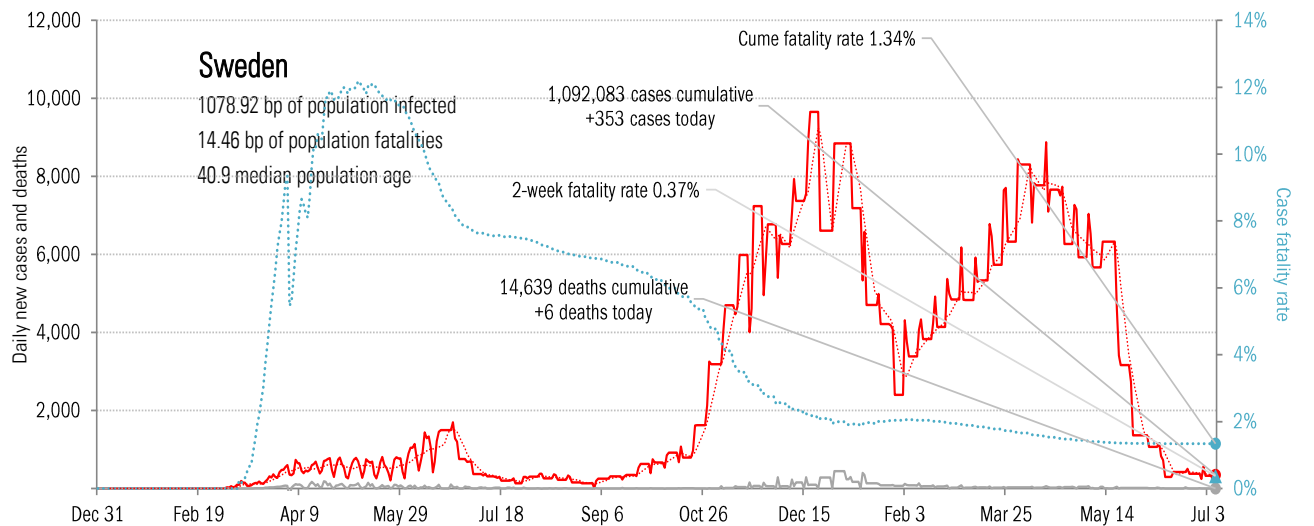
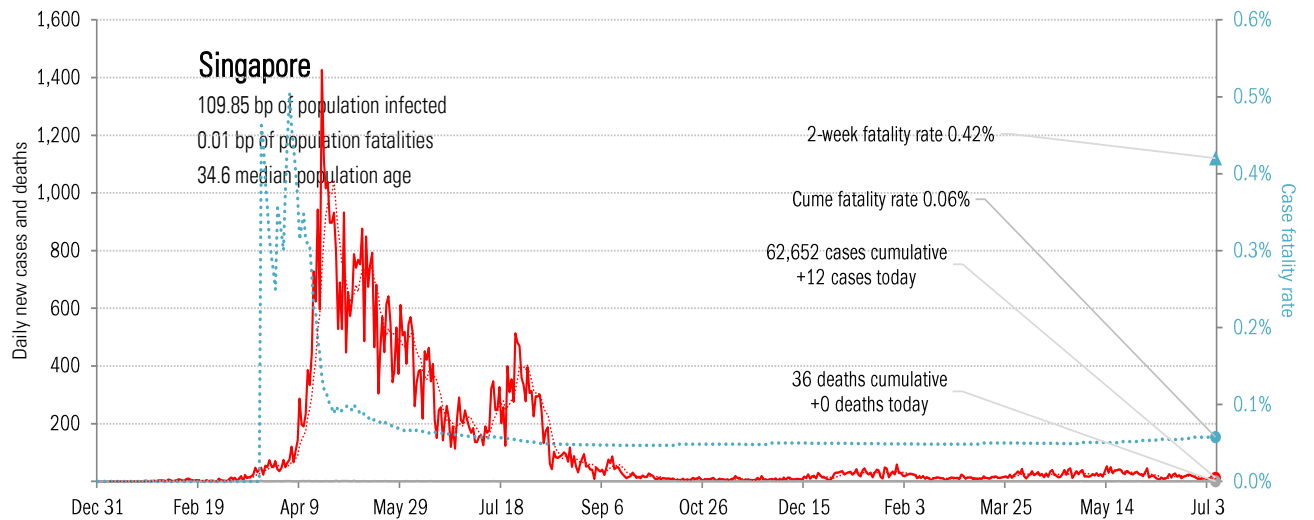
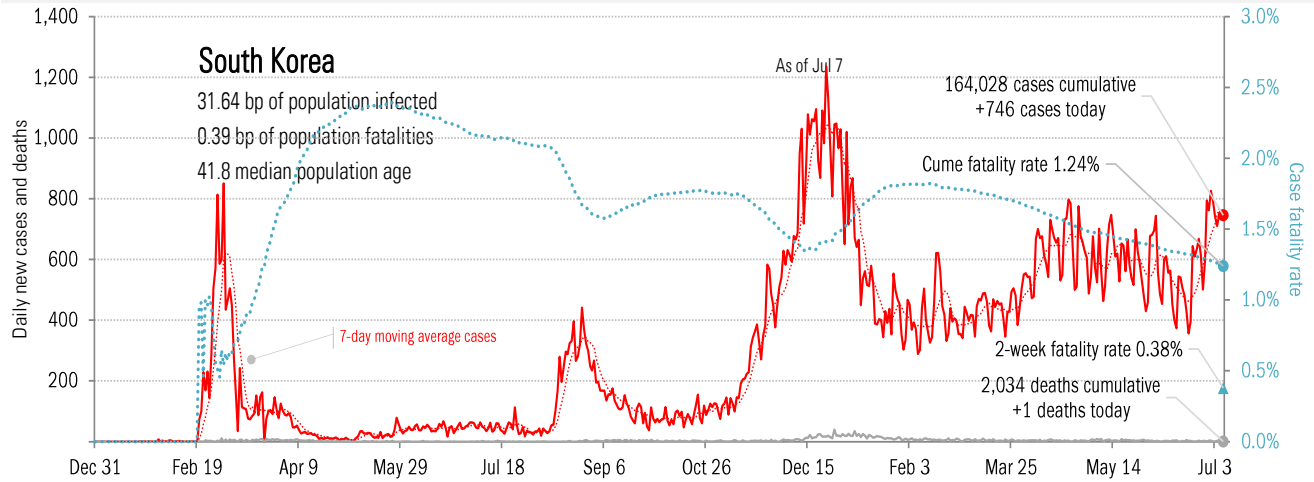
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



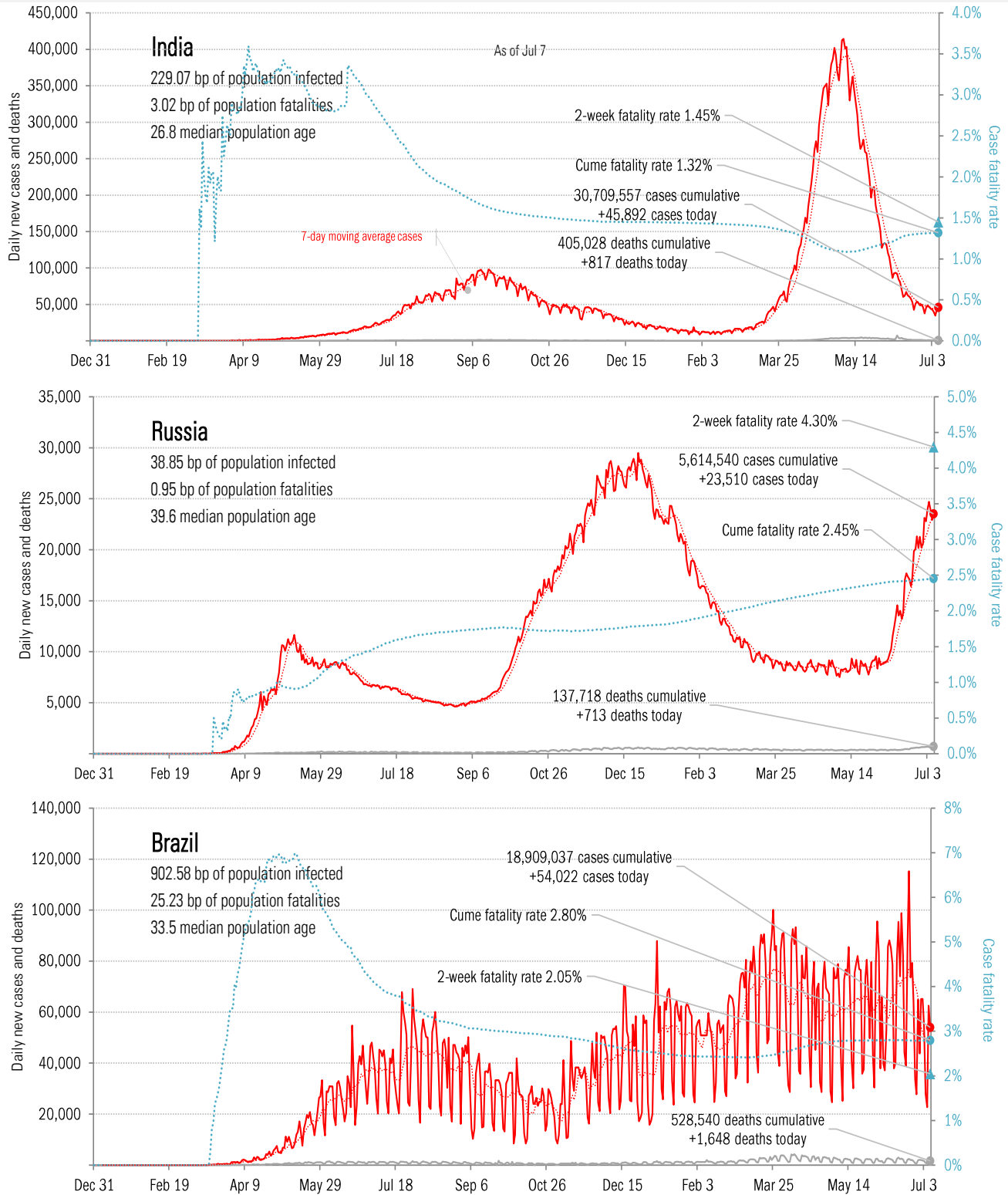
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



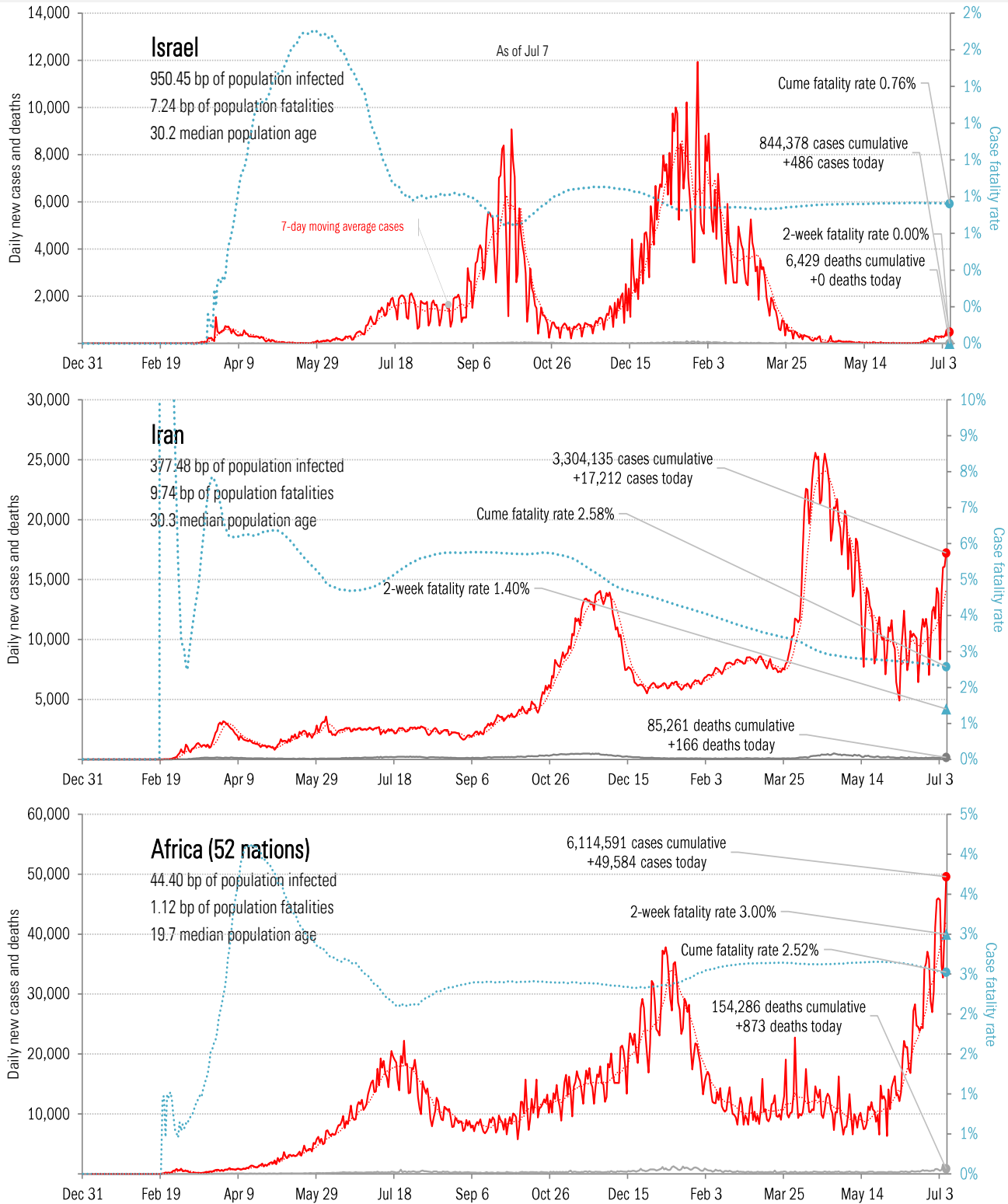
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



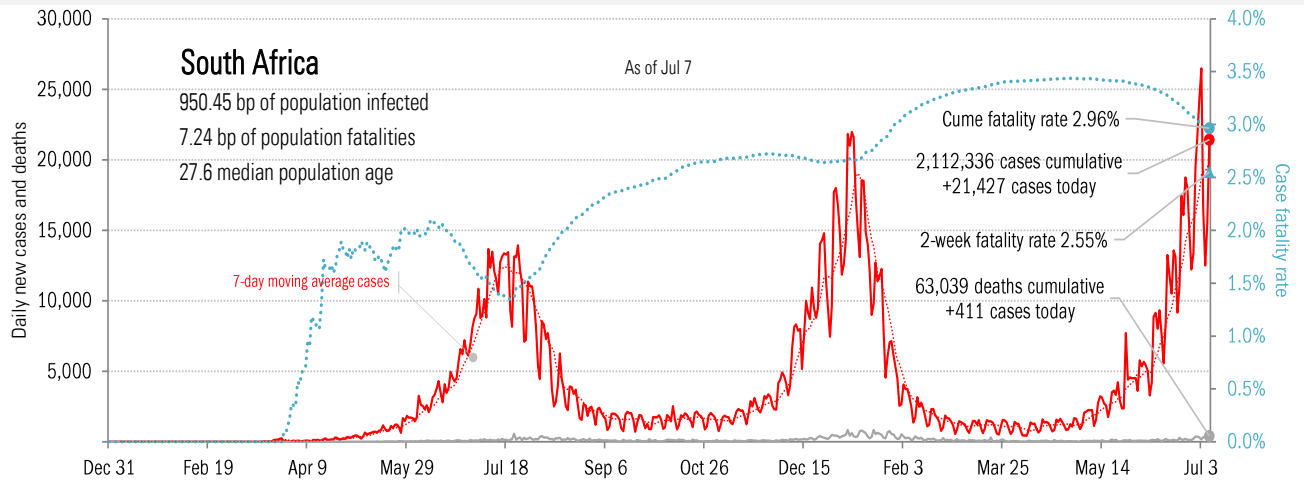
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [Johns Hopkins](#), TrendMacro calculations

Impact in Africa, continued



Source: [Johns Hopkins](#), TrendMacro calculations