

Data Insights: Covid-2019 Monitor

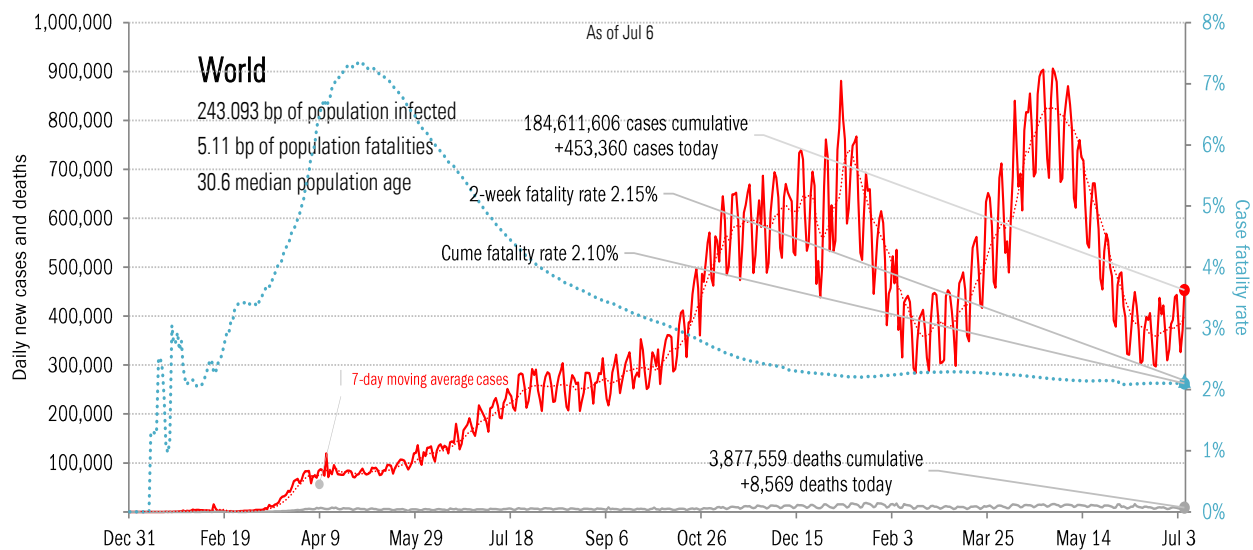
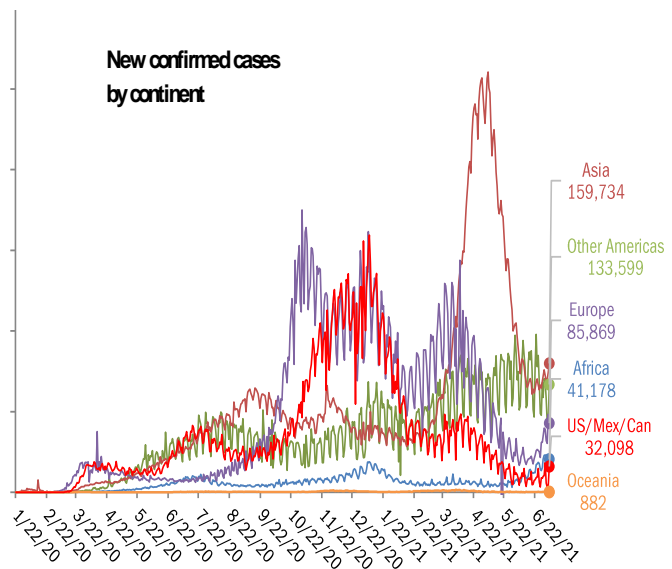
Wednesday, July 7, 2021

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+62,504	Brazil	+1,780
India	+43,733	India	+930
Indonesia	+31,189	Indonesia	+728
United Kingdom	+28,629	Russia	+726
Colombia	+26,721	Colombia	+553
United States	+23,839	Argentina	+462
Russia	+22,926	South Africa	+457
Argentina	+21,590	United States	+338
Iran	+16,080	Mexico	+269
South Africa	+15,500	Peru	+199
+292,711		+6,442	
World +453,360		World +8,569	
Top ten 65%		Top ten 75%	

New confirmed cases by continent



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

For more information contact us:

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

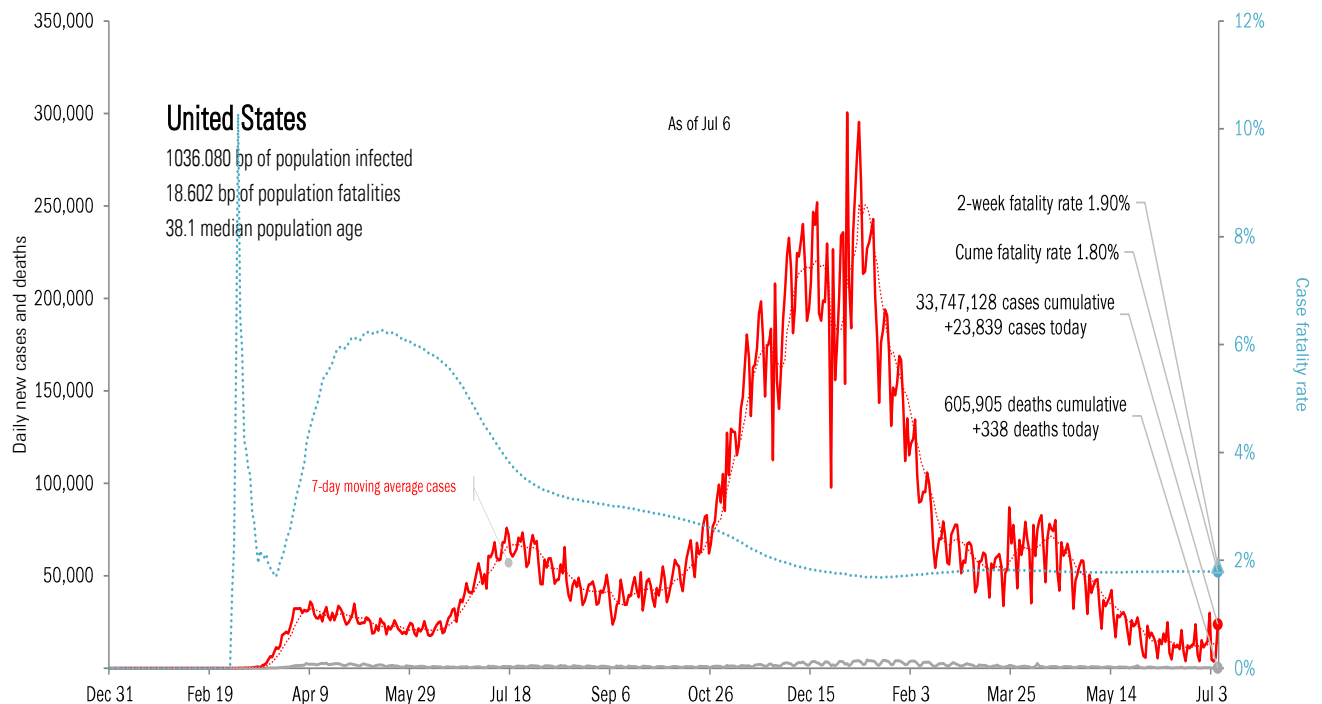
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	+2,797		CA	+72		TX	+57		CA	3,824,369		CA	63,722		TX	255,227		RI	92%	MO	18%
FL	+2,241		IL	+27		FL	+53		TX	3,006,541		NY	53,711		CA	241,196		MA	84%	AR	15%
LA	+2,017		TX	+24		NV	+41		FL	2,382,181		TX	52,506		FL	188,774		AL	84%	UT	14%
NC	+1,488		MI	+22		CA	+28		NY	2,117,186		FL	38,028		NY	136,755		MO	82%	NV	11%
GA	+1,367		AZ	+21		NY	+21		IL	1,393,773		PA	27,708		GA	109,737		MD	82%	WA	9%
NV	+1,346		IN	+21		AZ	+16		PA	1,217,567		NJ	26,477		PA	91,888		PA	82%	TX	9%
TX	+1,320		NC	+21		GA	+9		GA	1,136,893		IL	25,705		CH	88,127		WV	79%	CO	8%
IL	+1,221		WA	+21		WA	+9		CH	1,112,689		GA	21,457		IL	82,815		CT	79%	AK	8%
WA	+1,182		FL	+17		MO	+8		NJ	1,024,465		MI	21,031		KY	78,415		MI	78%	FL	7%
UT	+1,149		KY	+16		NE	+8		NC	1,015,847		CH	20,344		MI	73,305		MN	78%	NM	7%
+16,128			+262			+250			18,231,511			350,689			1,346,239						
All states	+26,080		+355			+145			All states	33,747,128		605,905			2,398,355			All states	70%	67%	
Top ten	62%		74%			172%			Top ten	54%		58%			56%			Median	72%	4%	

Some states not reporting

Five most improved US states

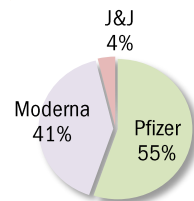
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
AR	-976	SC	-11	LA	-53	MP	+50 bp
SC	-568	WI	-9	OK	-25	GA	+20 bp
MO	-236	FL	-8	NJ	-20	NE	+20 bp
NE	-194	NJ	-4	KY	-19	PA	+20 bp
WI	-109	AR	-1	CA	-17	AK	+20 bp



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	395,672,225				+0.000 million	US	47.1%	54.6%
Doses administered	340,984,799				+0.660 million	UK	49.9%	66.9%
Administered	One dose	% Pop	Immune	% pop	New immune today	France	34.1%	51.4%
Total population	187,426,663	56%	161,836,951	48%	+0.327 million	Spain	41.8%	57.2%
Age 12 to 17	9,151,141	36%	6,996,257	28%	+0.059 million	Germany	39.0%	56.4%
Age 18 to 64	128,074,365	63%	110,170,883	54%	+0.269 million	Italy	34.5%	57.2%
Age 65 and over	49,978,224	91%	44,541,795	81%	+0.001 million	Australia	7.6%	25.3%



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 **215 days** by Feb 6, 2022

59.9% of population >18 immunized
11.5% previously tested positive
71.4% vs 60% adult herd immunity*

Global data differs from sources, timing

AK
60.9%
50.1%
44.2%

ME
72.9%
66.7%
61.9%

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As of Jul 7

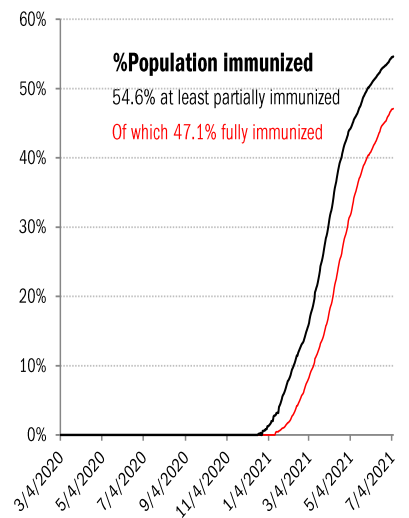
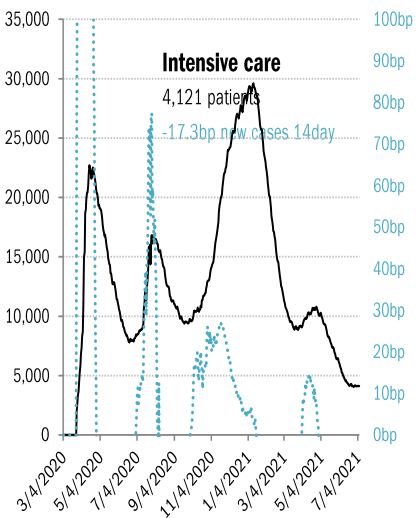
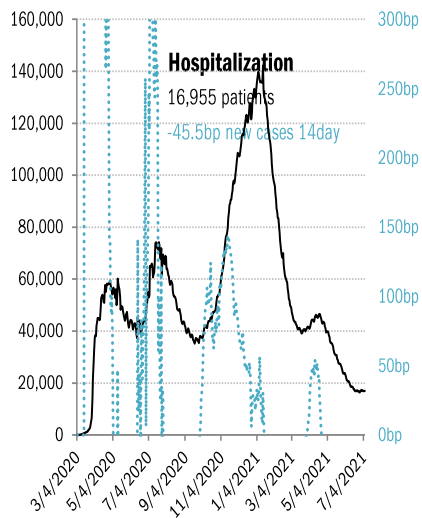
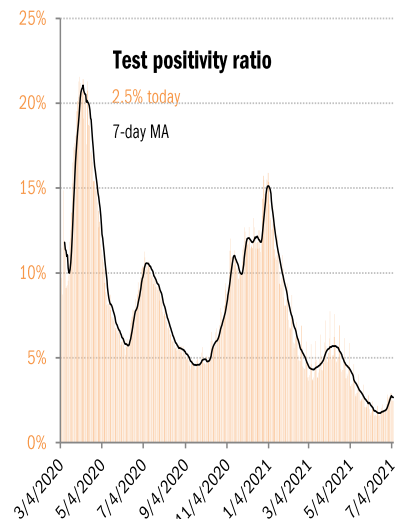
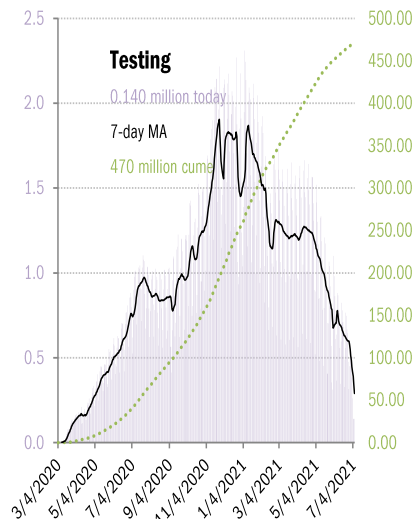
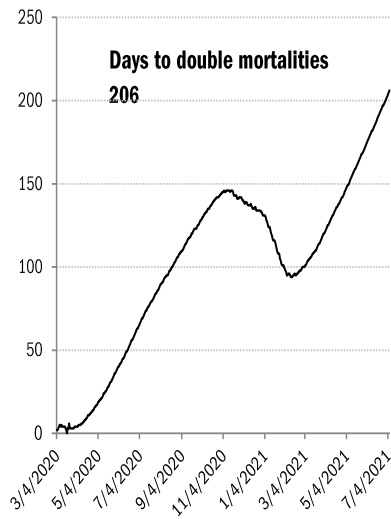
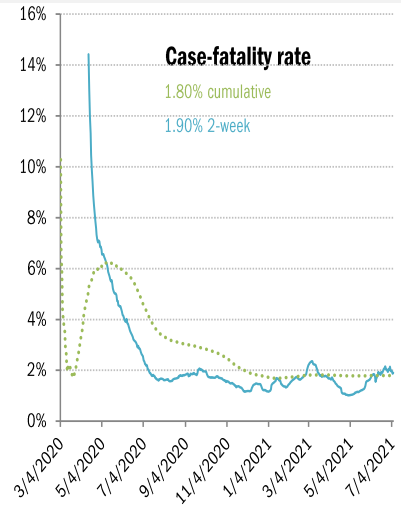
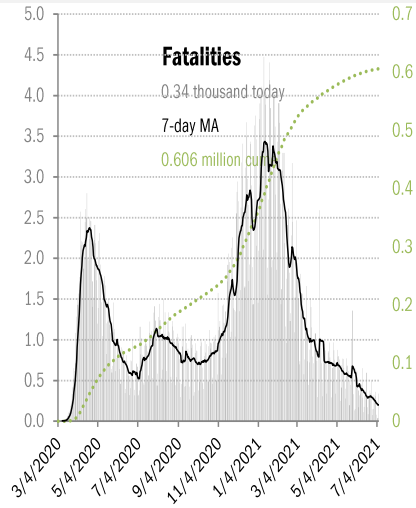
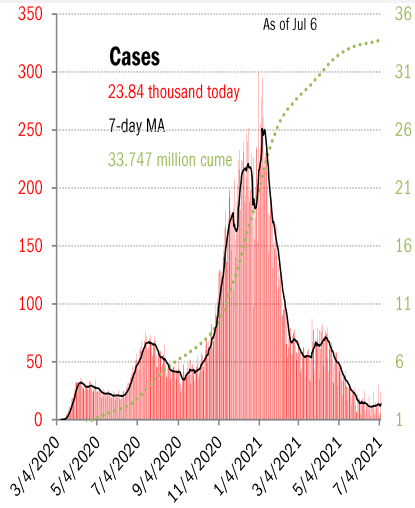
* Includes persons >18 fully immunized or previously tested positive, no overlap. Disregards untested positives, natural immunities.

** 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

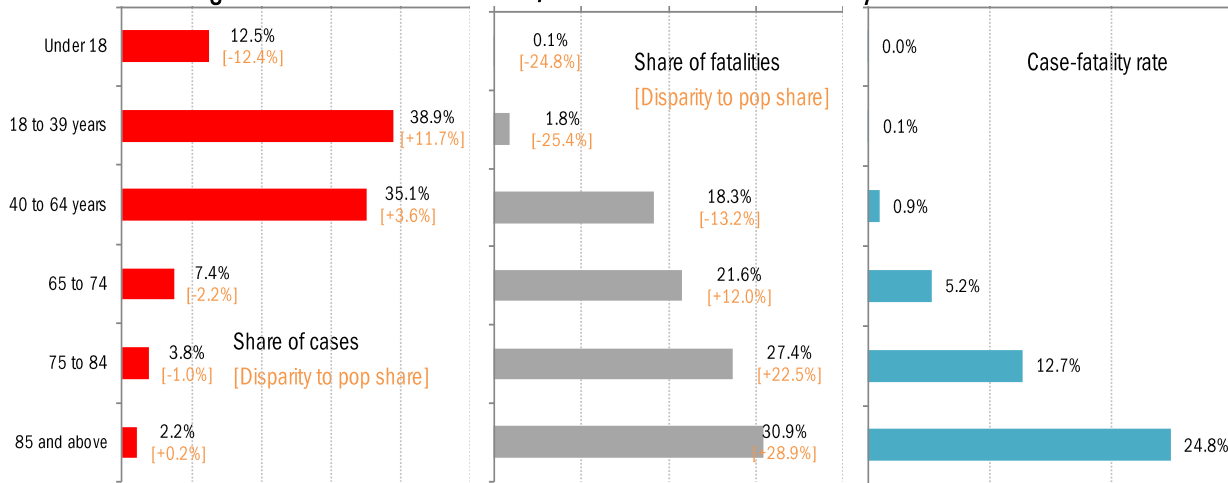
US deep-dive

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

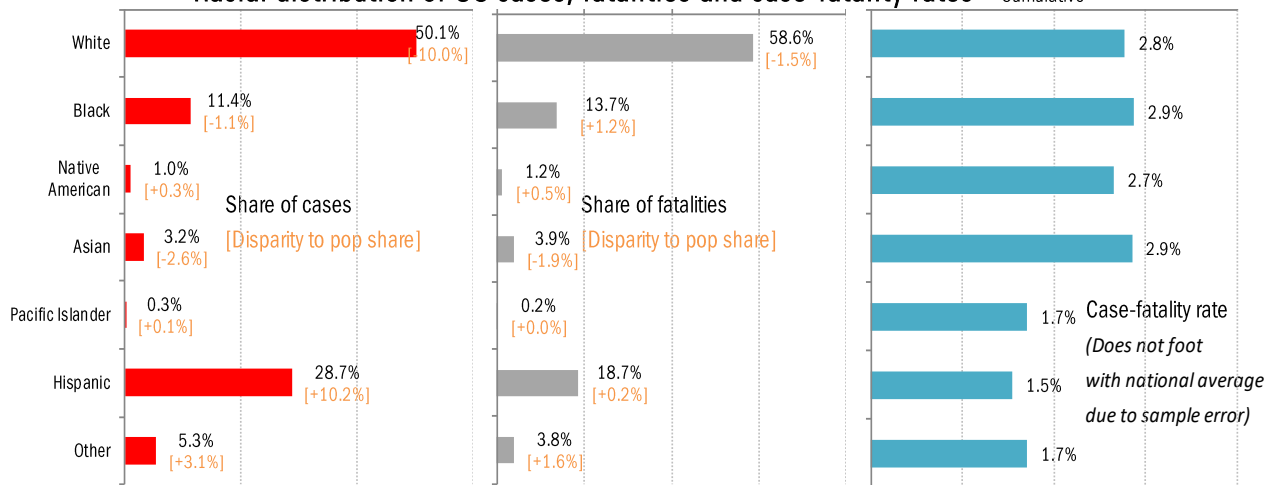


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

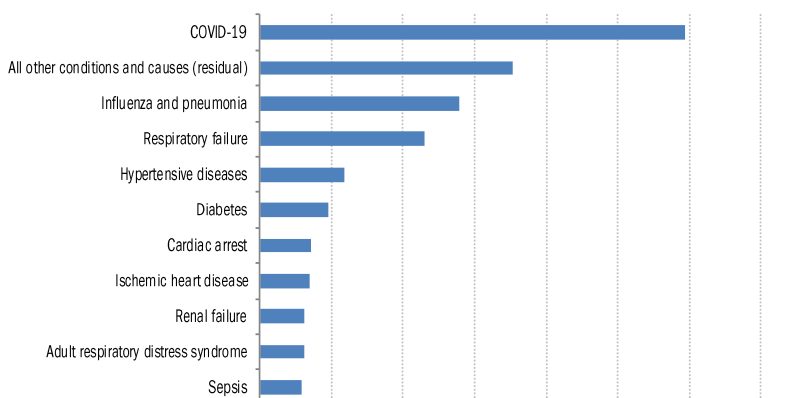


Racial distribution of US cases, fatalities and case-fatality rates



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

[Rapper Zuby posted 21 things he learned about humanity through the 'Rona and it's ;it](#)

Not The Bee
July 5, 2021

[TfL boss Andy Byford sets up clash with ministers over plan to ditch masks on Tube](#)

Ross Lydall
Evening Standard
July 1, 2021

[Meet the Consulting Firm that's Staffing the Biden Administration](#)

Jonathan Guyer, Ryan Grim
The Intercept
July 6, 2021

[Major funder of Wuhan lab refuses House request for docs as Democrats fail to subpoena](#)

Daniel Payne
Just the News
July 4, 2021

[Retraction of paper on vaccine deaths spurs call for more scrutiny of COVID-19 death reports](#)

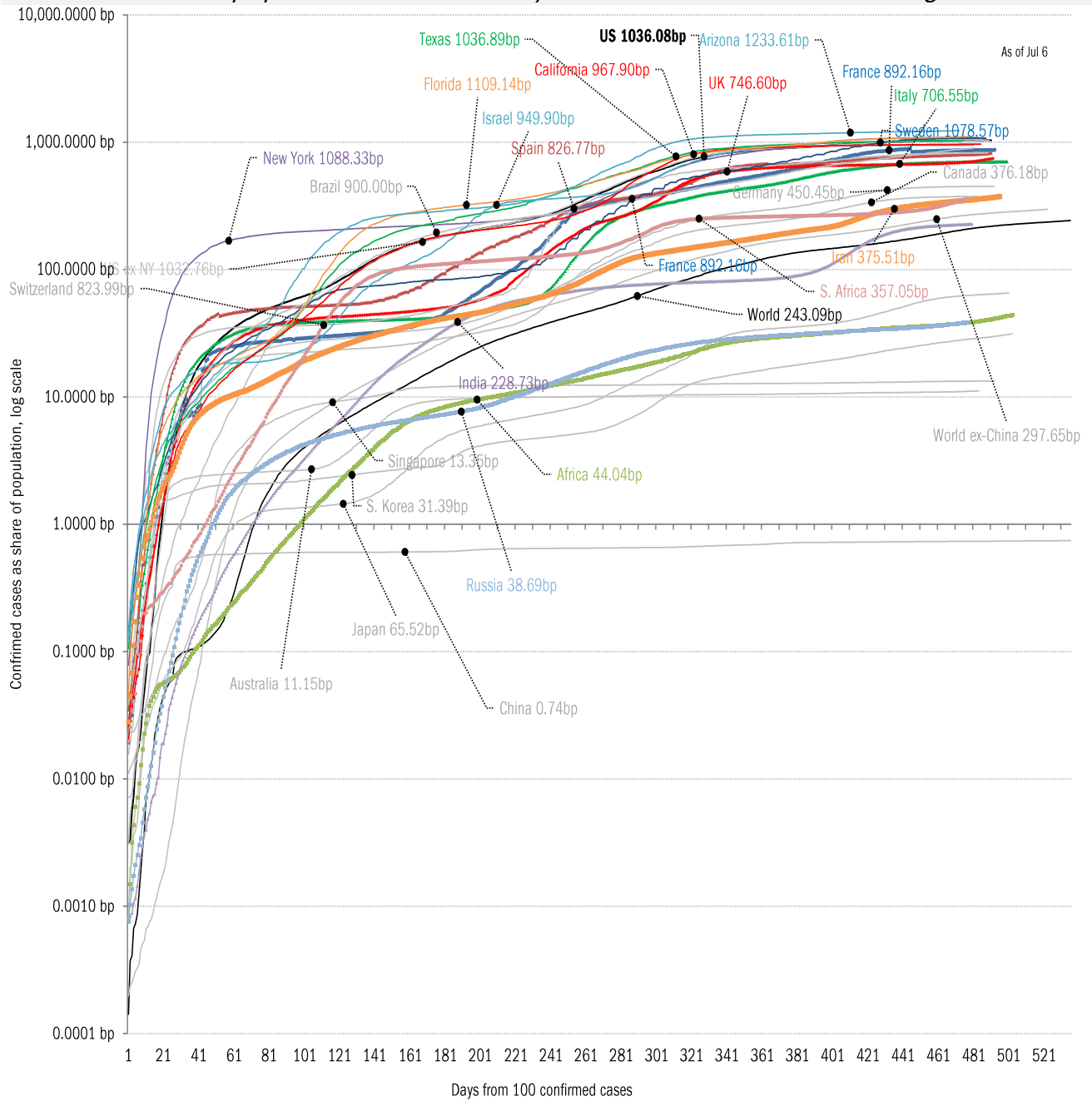
Greg Piper
Just the News
July 2, 2021

Meme of the day



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

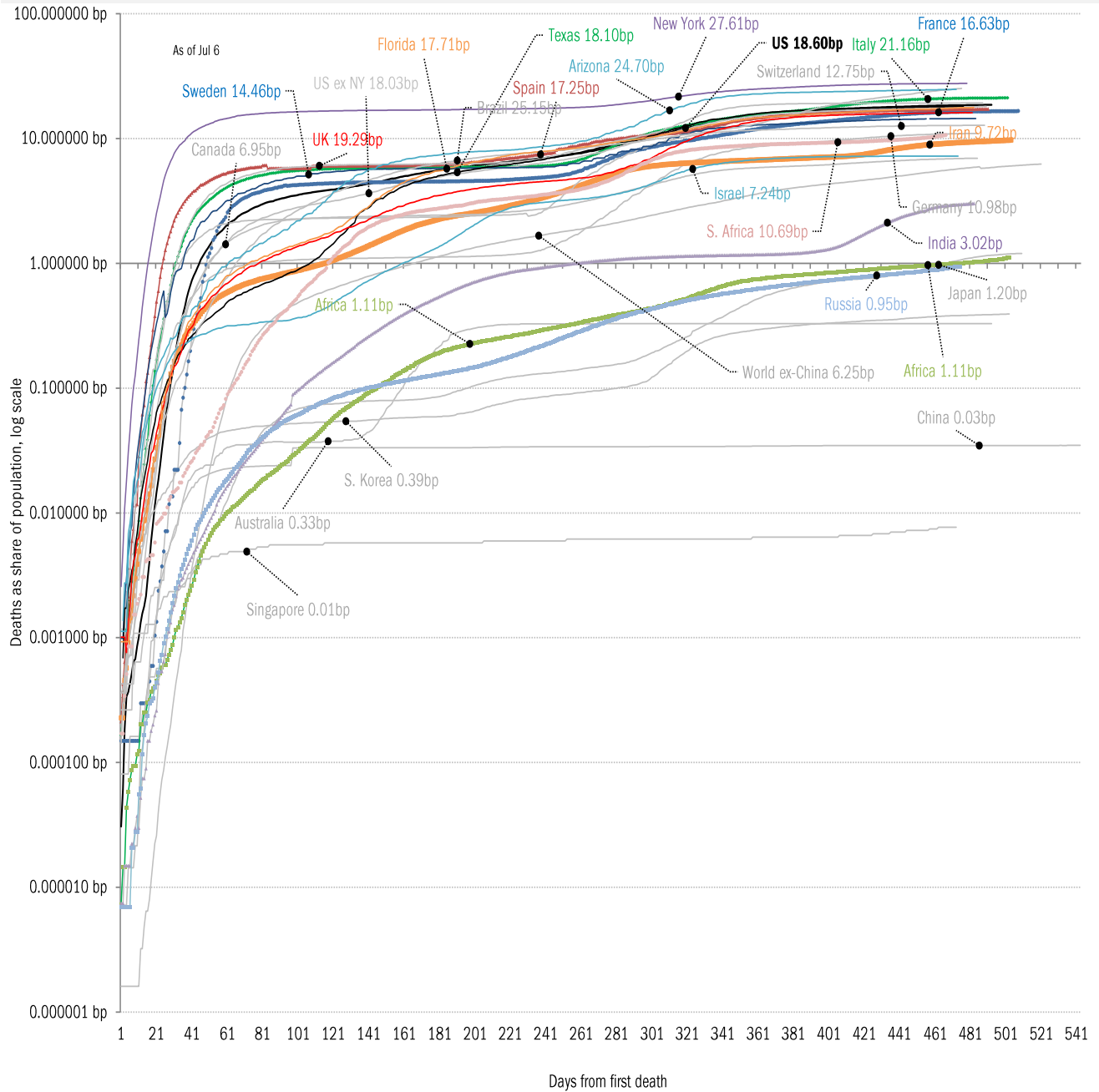
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

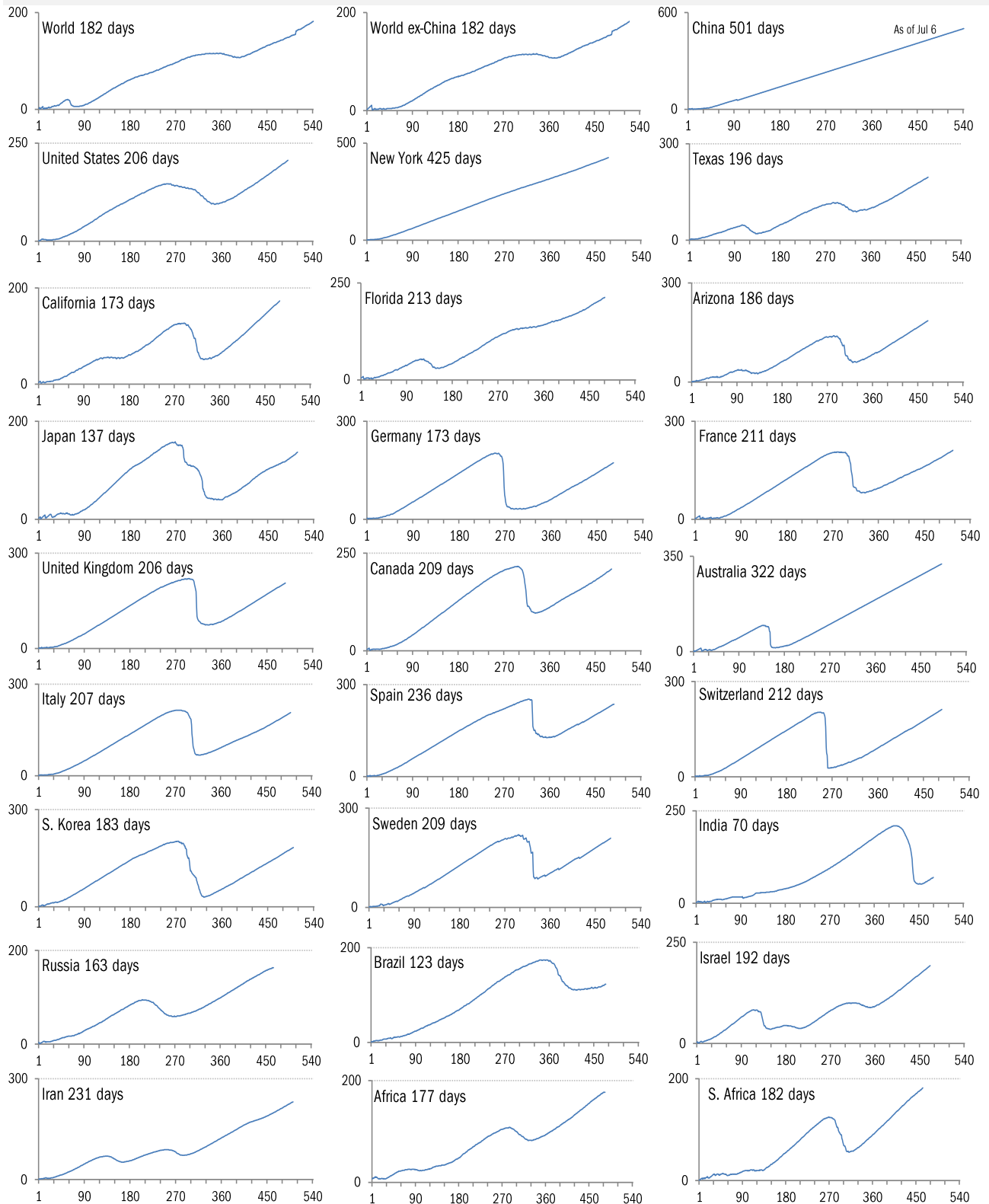


Source: [Johns Hopkins](#), TrendMacro calculations

"Exponential"? Our most reliable evidence of the rate of spread of Covid-19

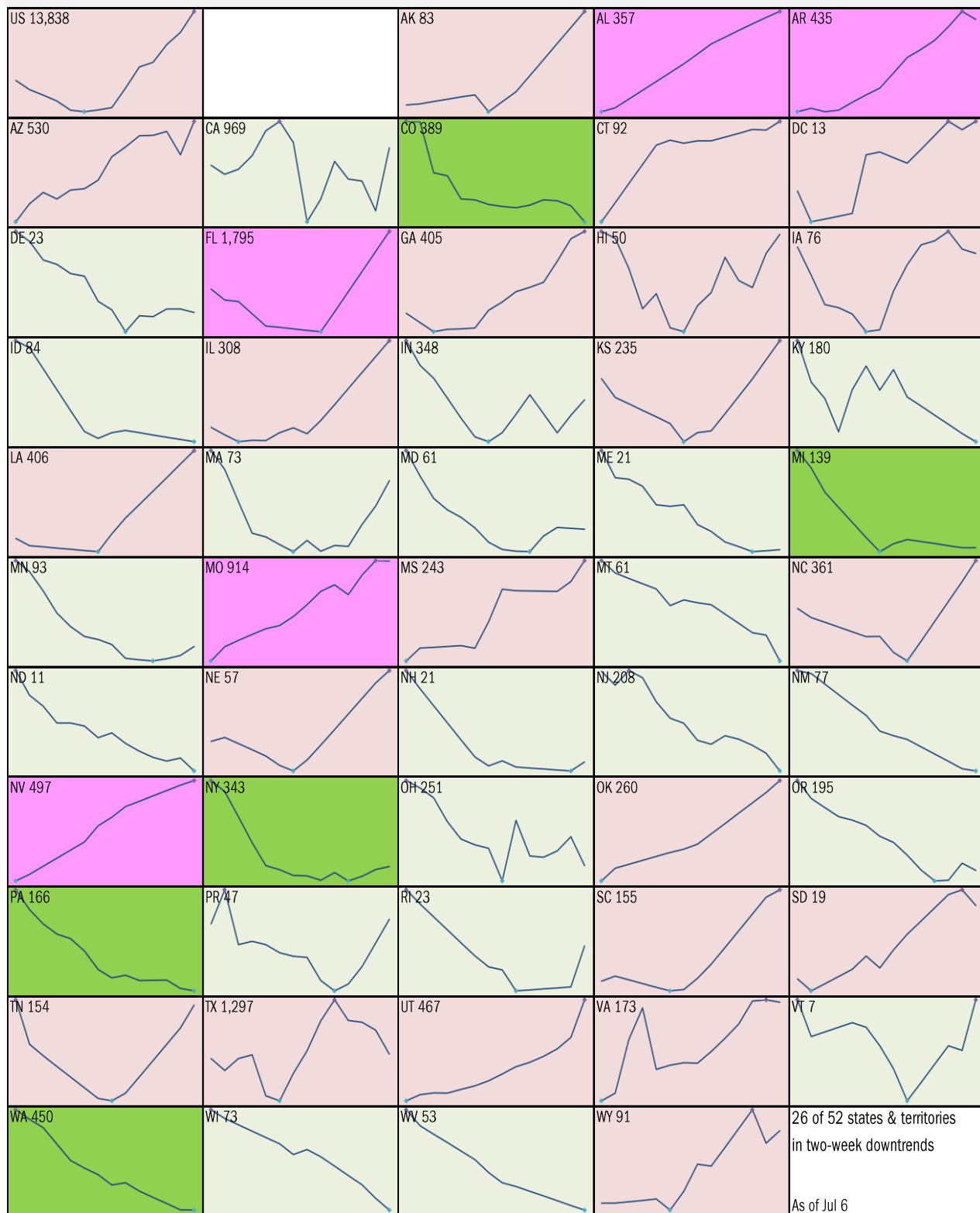
Vertical: days to double deaths Horizontal: days from first death

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

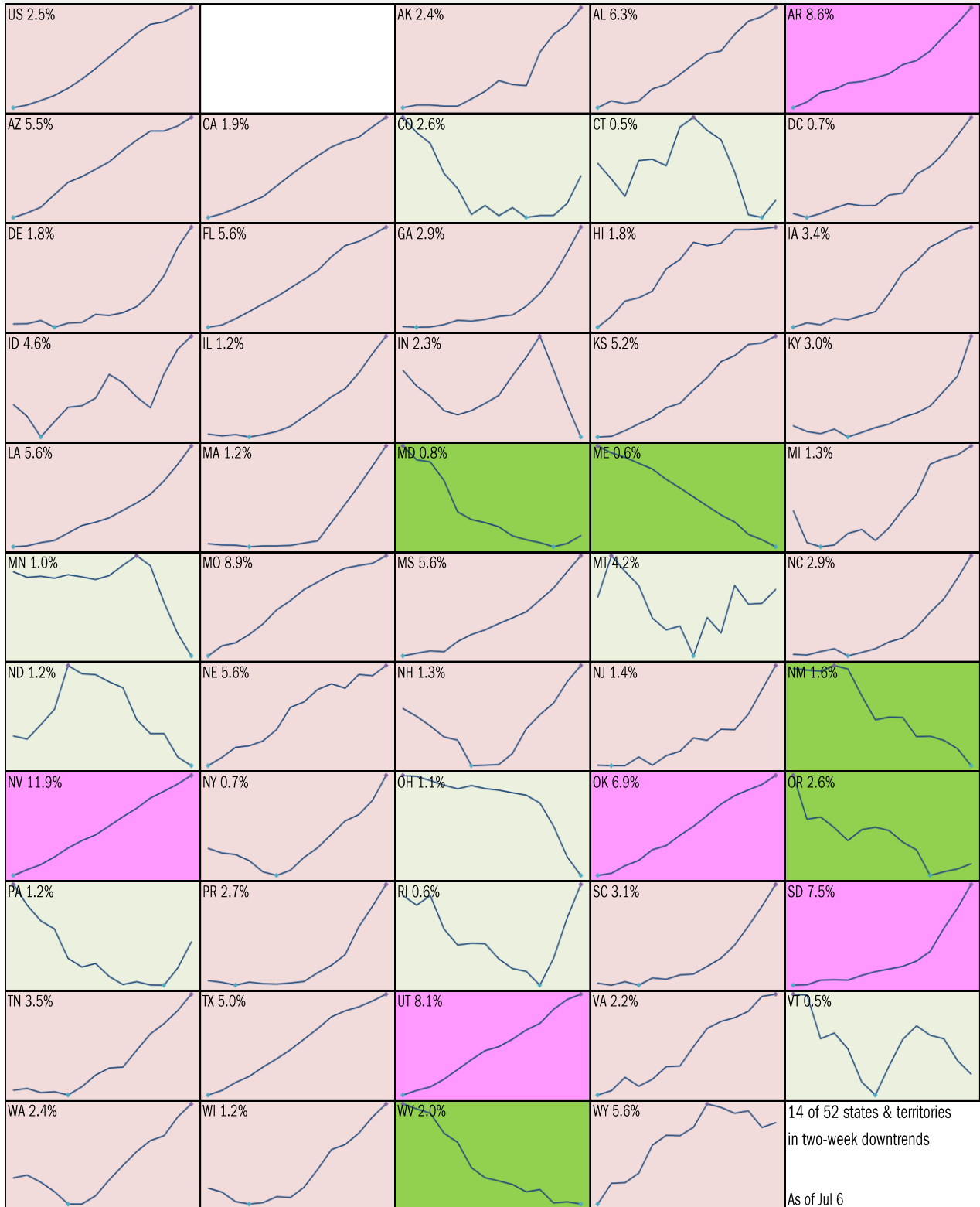


Source: [Johns Hopkins](#), TrendMacro calculations

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

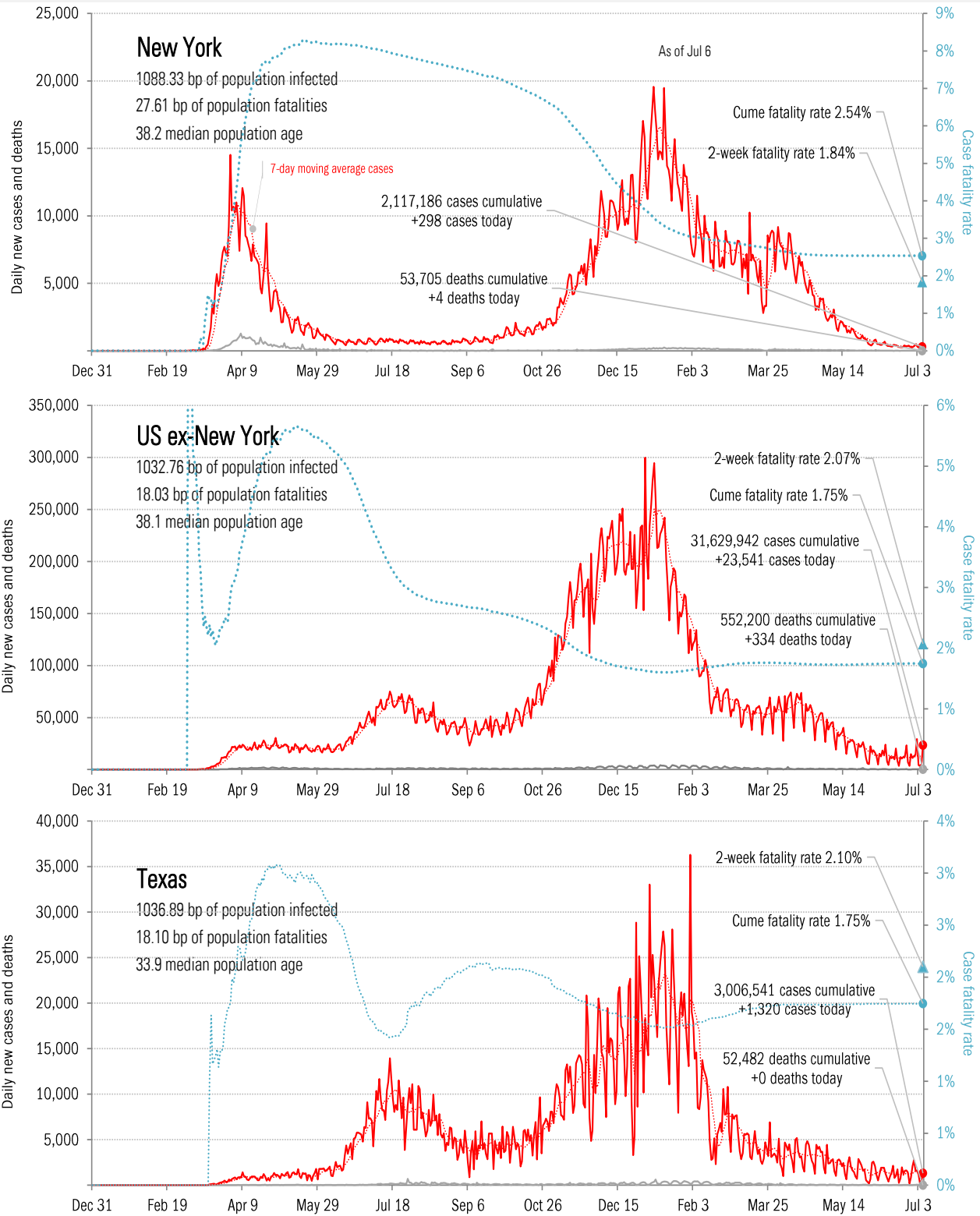
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



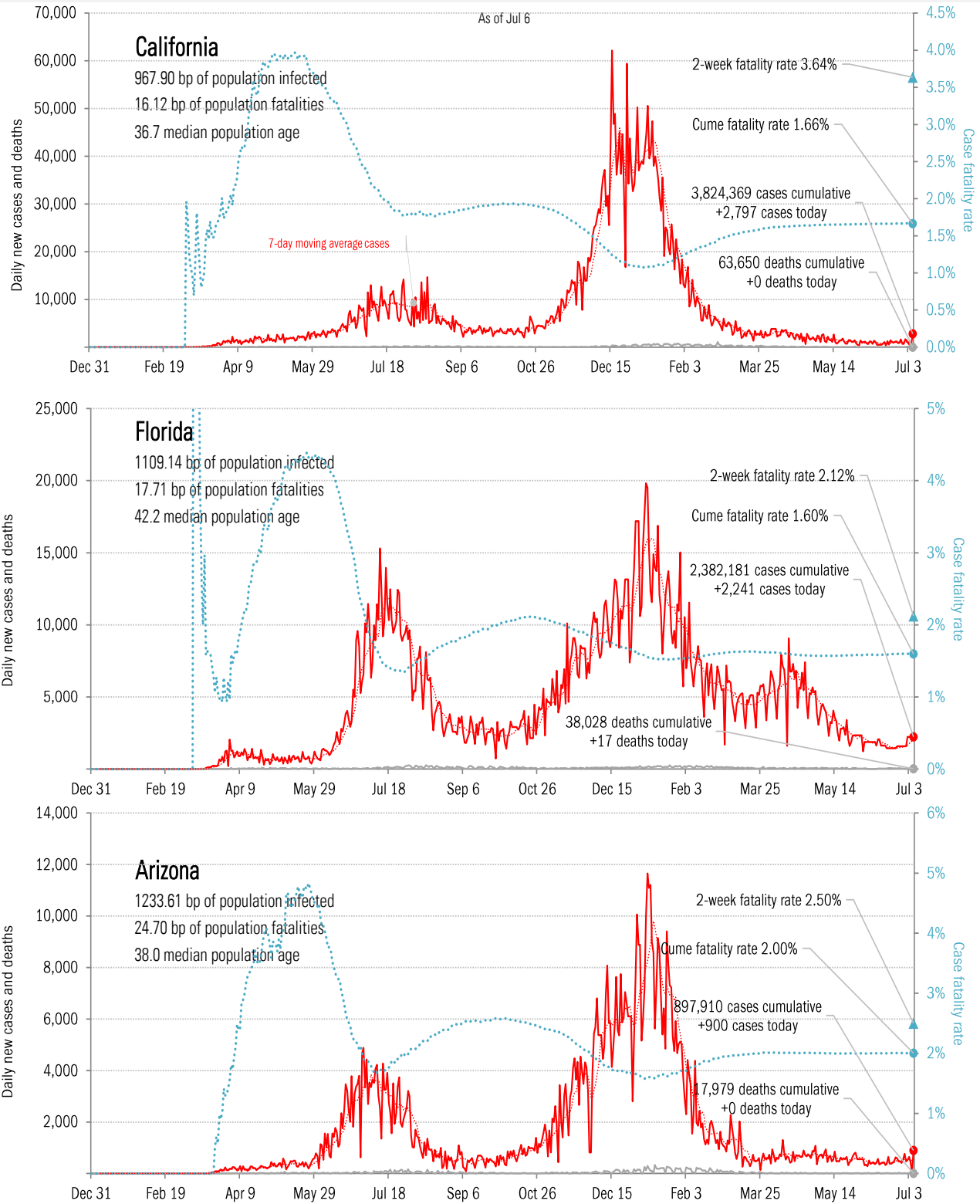
Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande



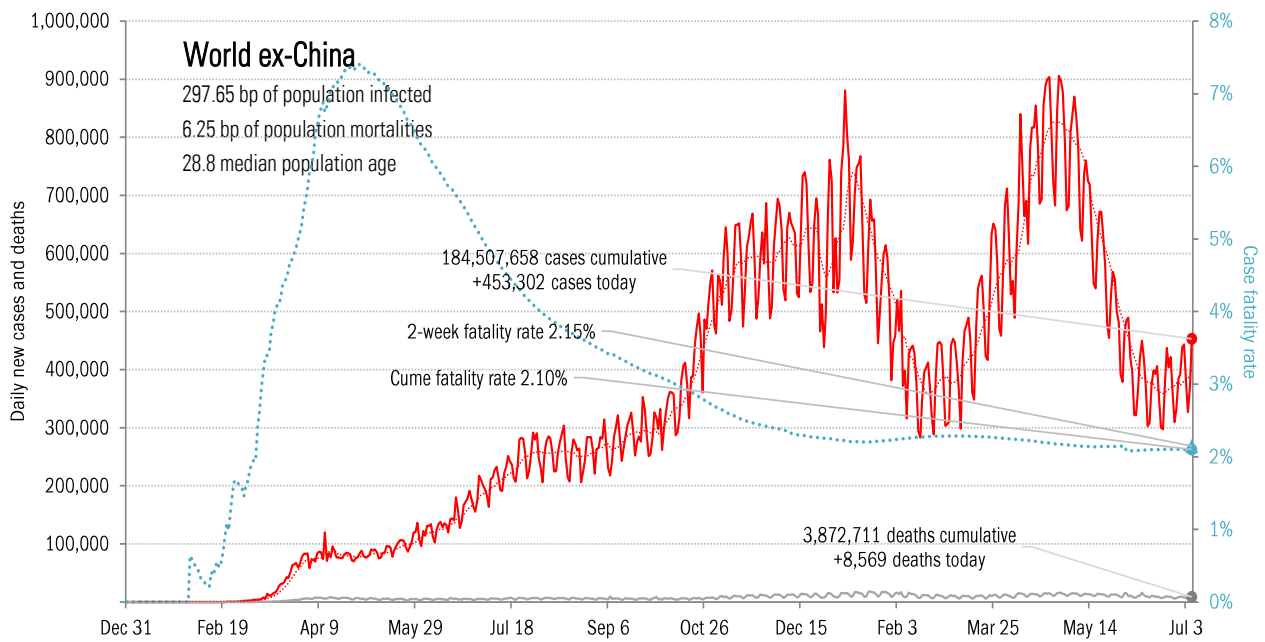
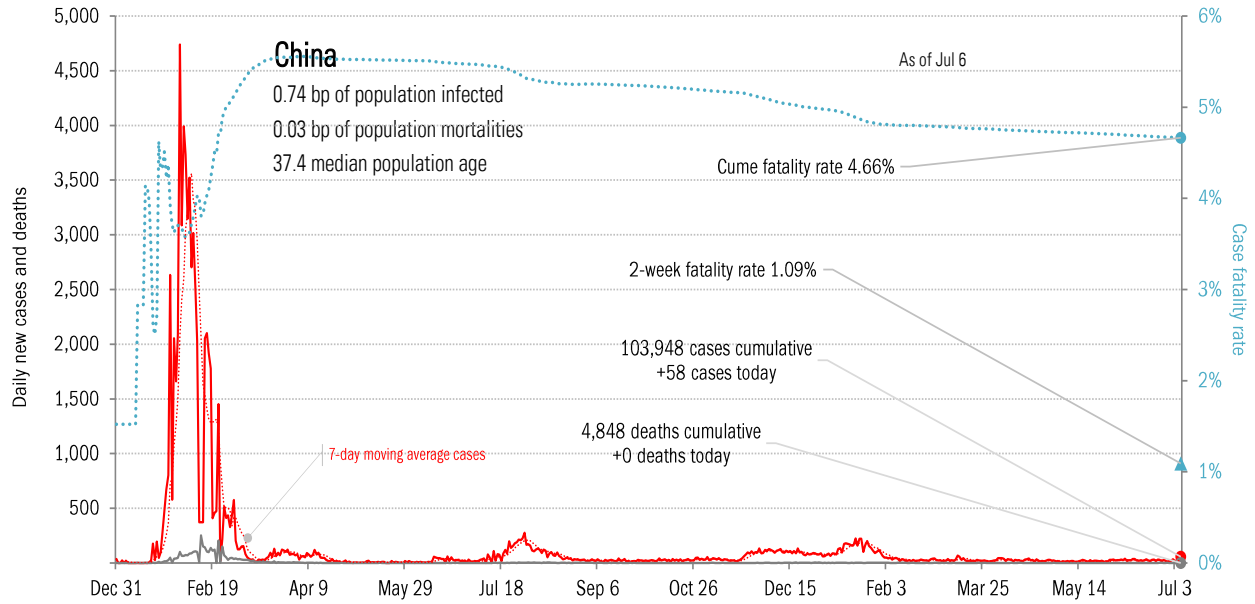
Source: [Johns Hopkins](#), TrendMacro calculations

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



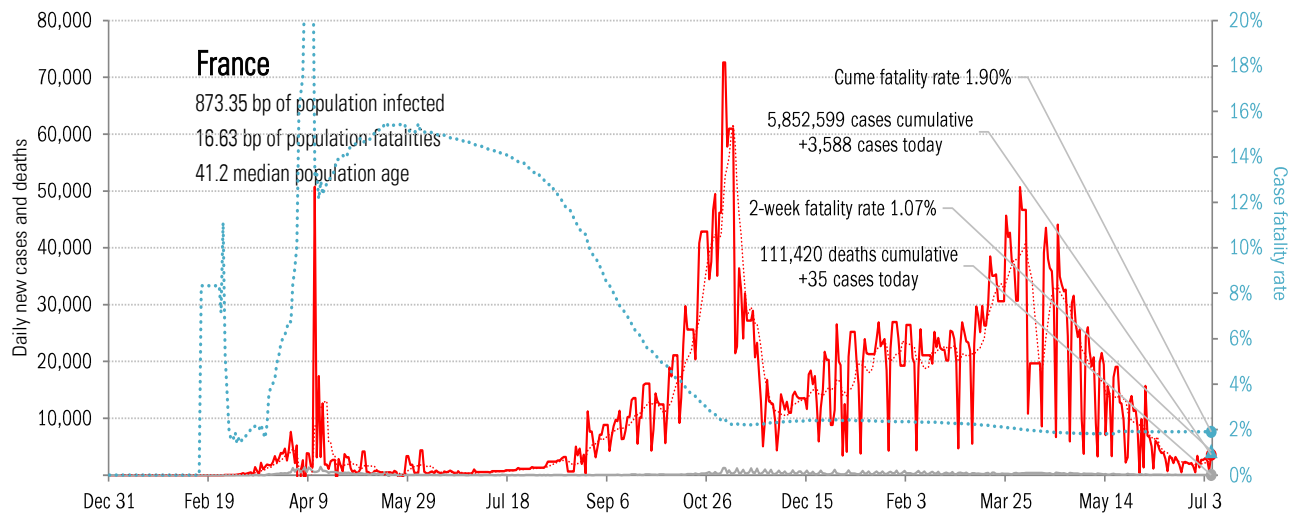
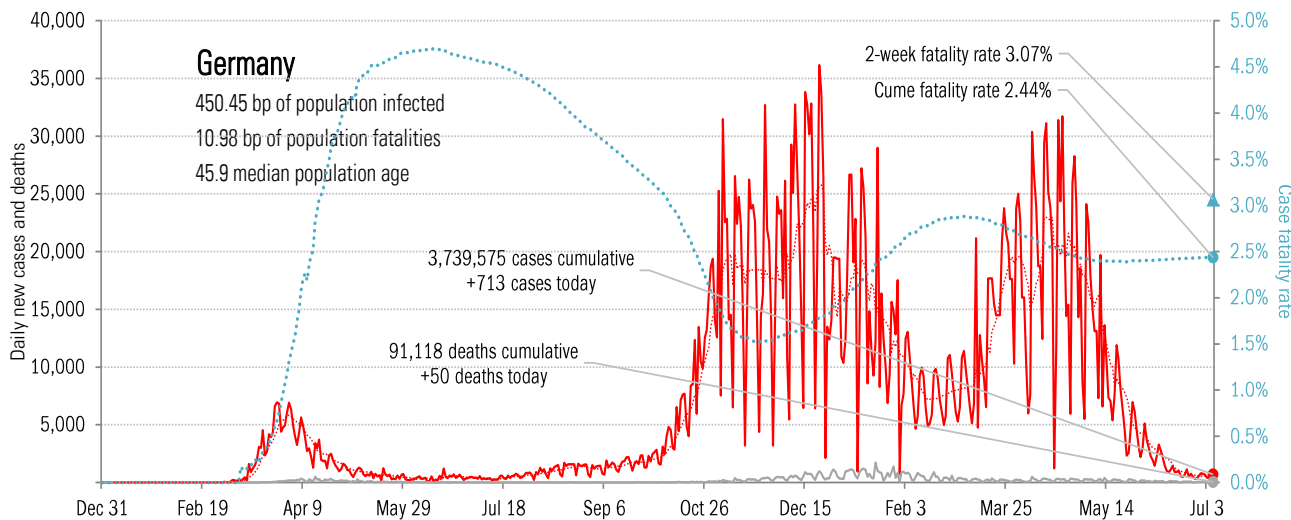
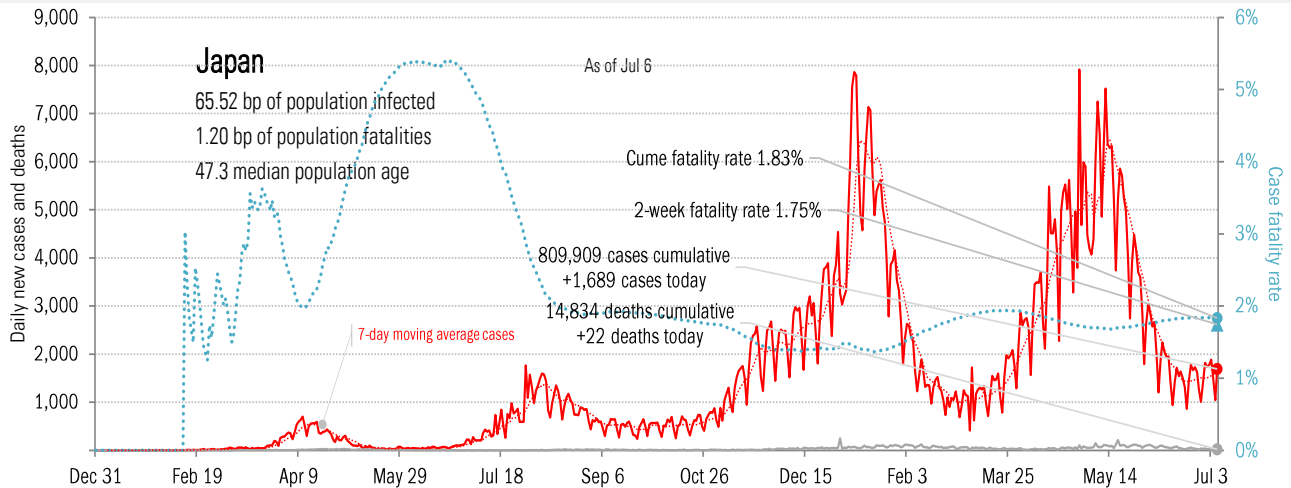
Source: [Johns Hopkins](#), TrendMacro calculations

Patient zero... and then everyone else



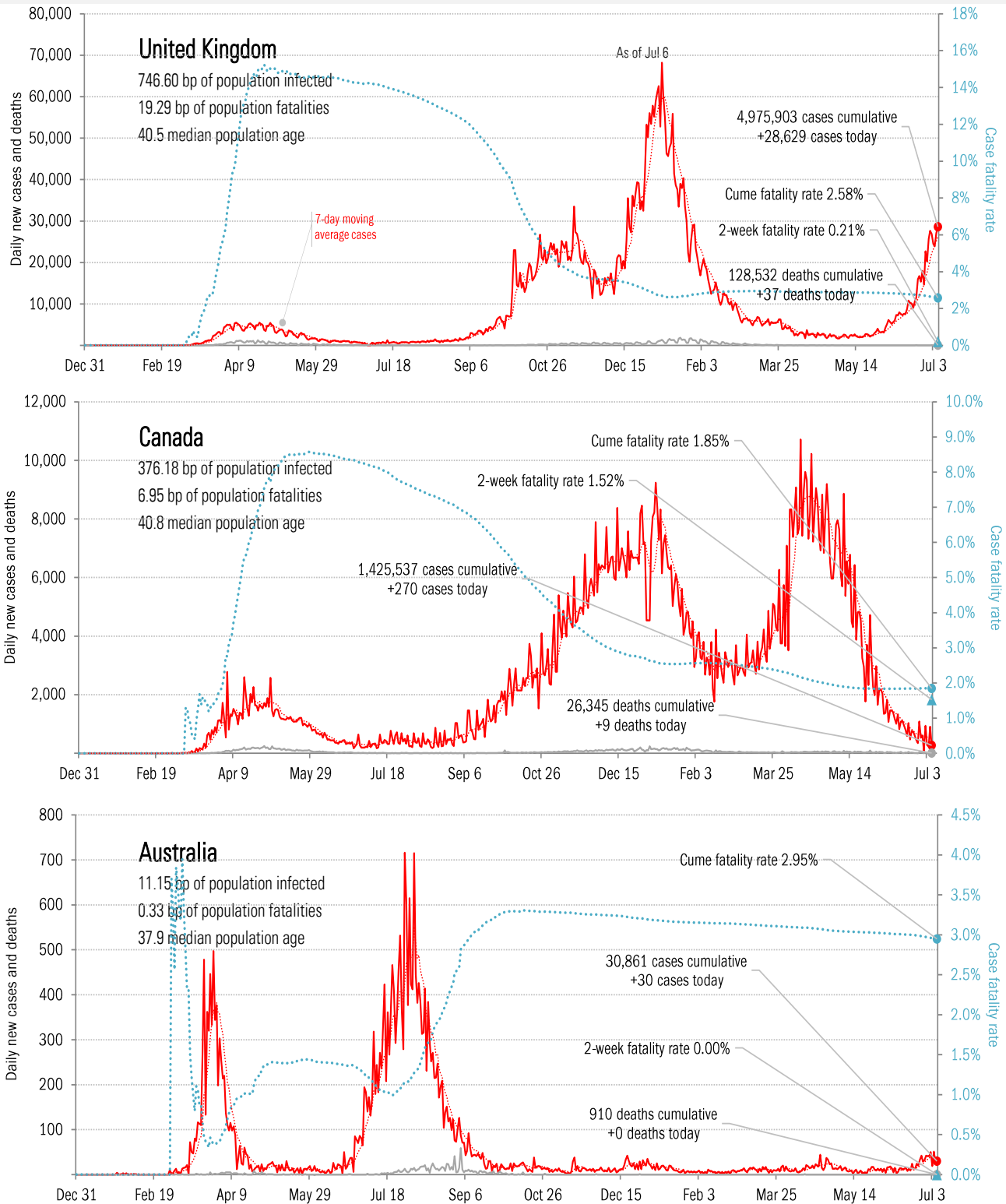
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the largest economies



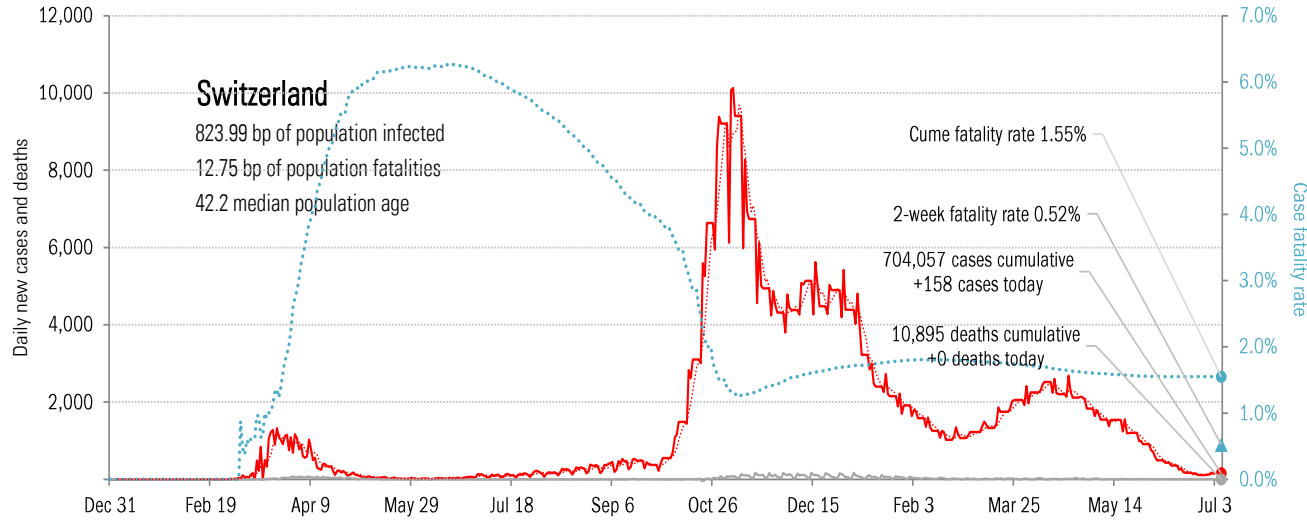
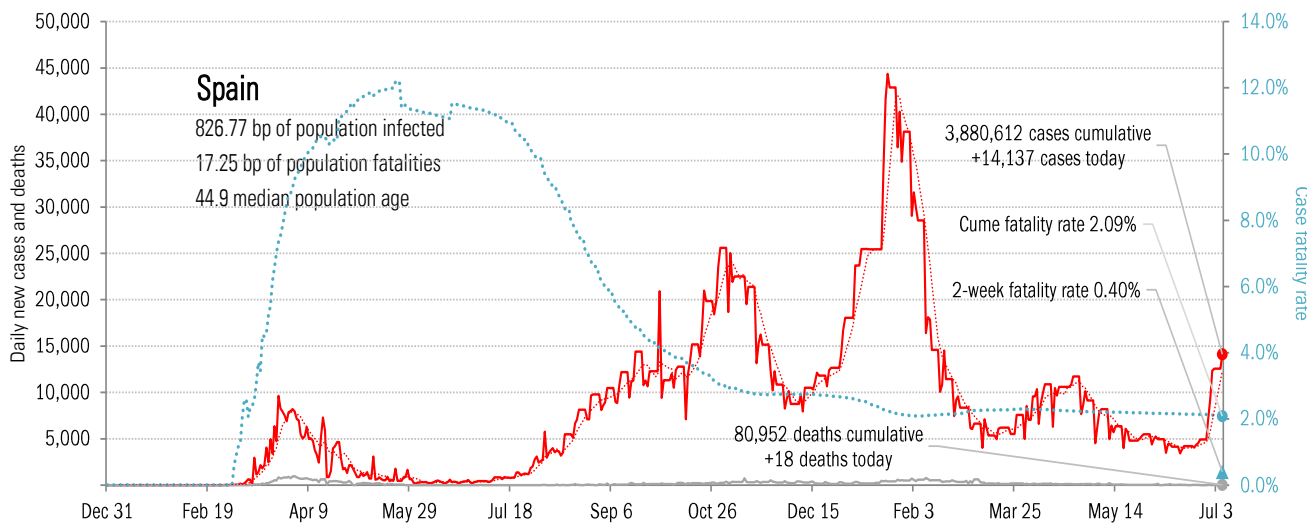
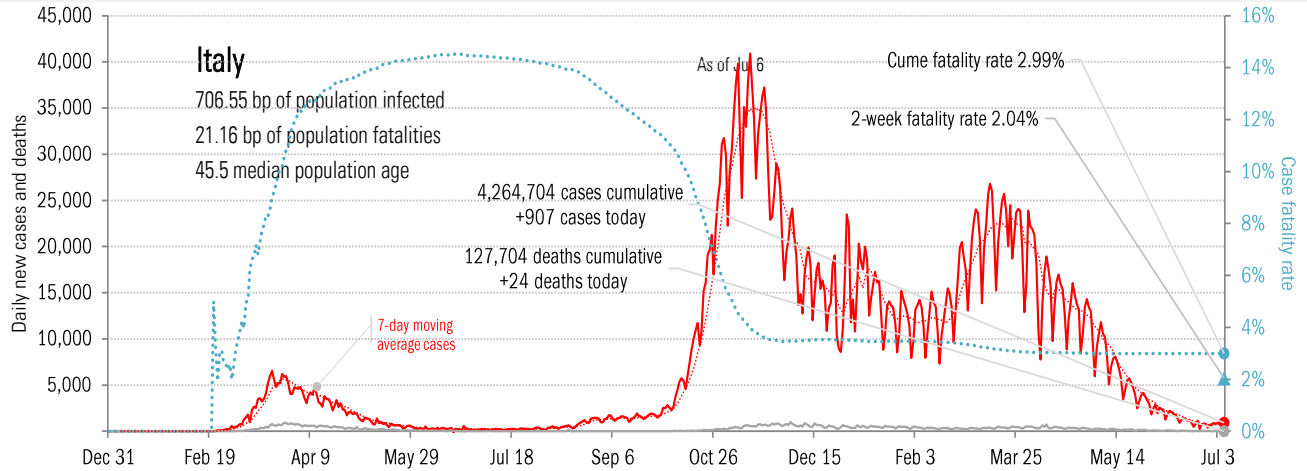
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



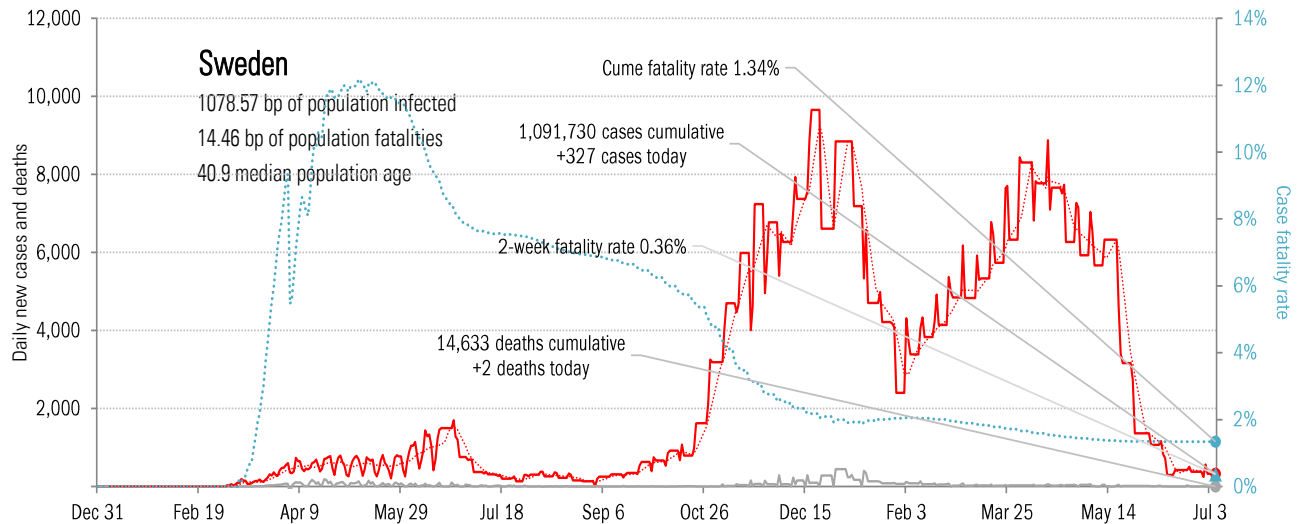
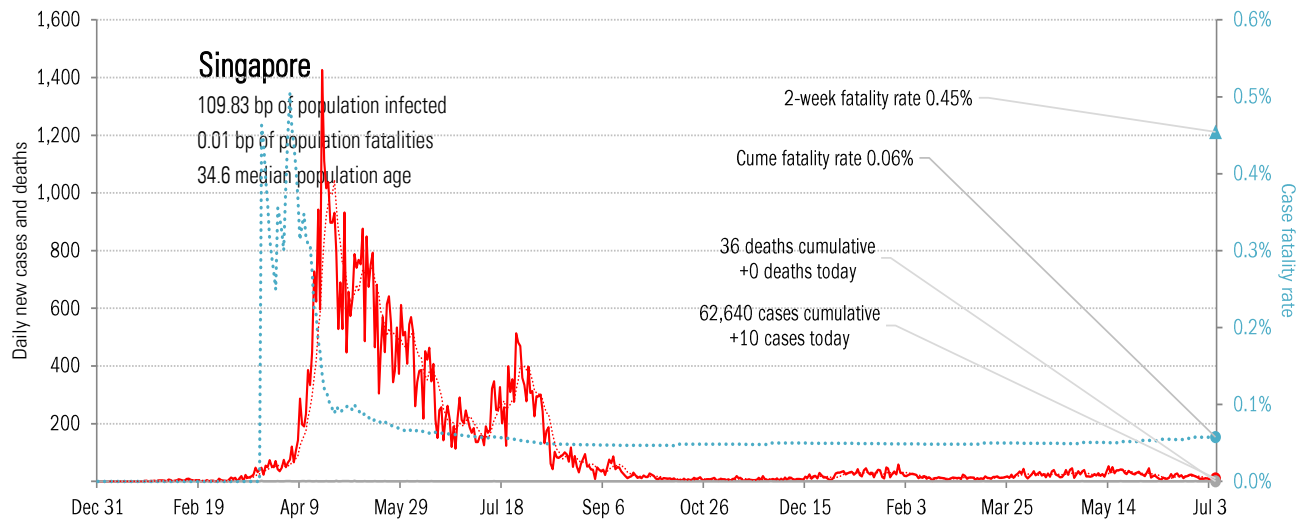
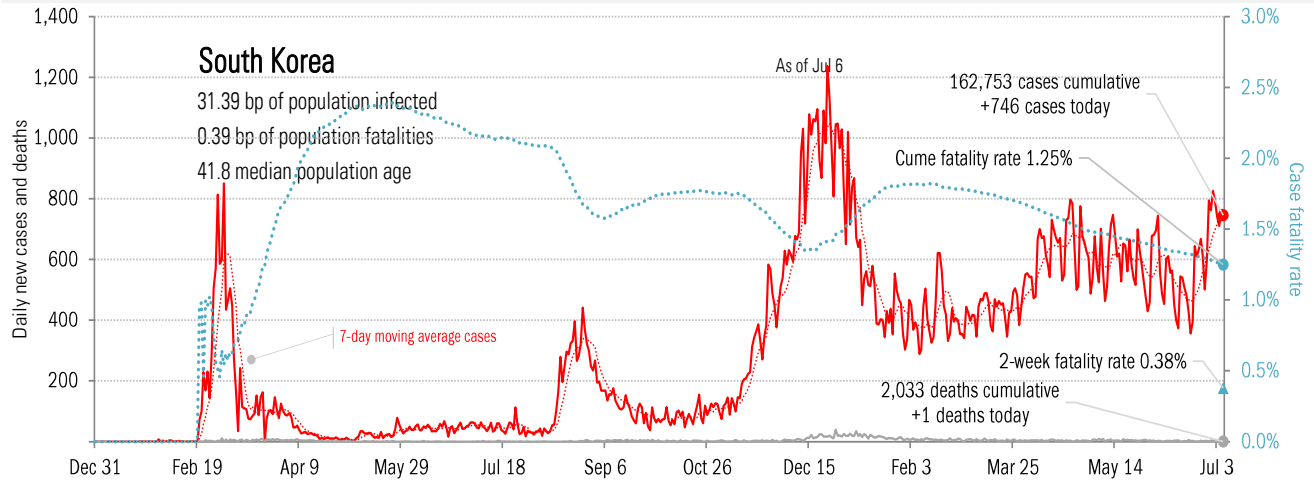
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



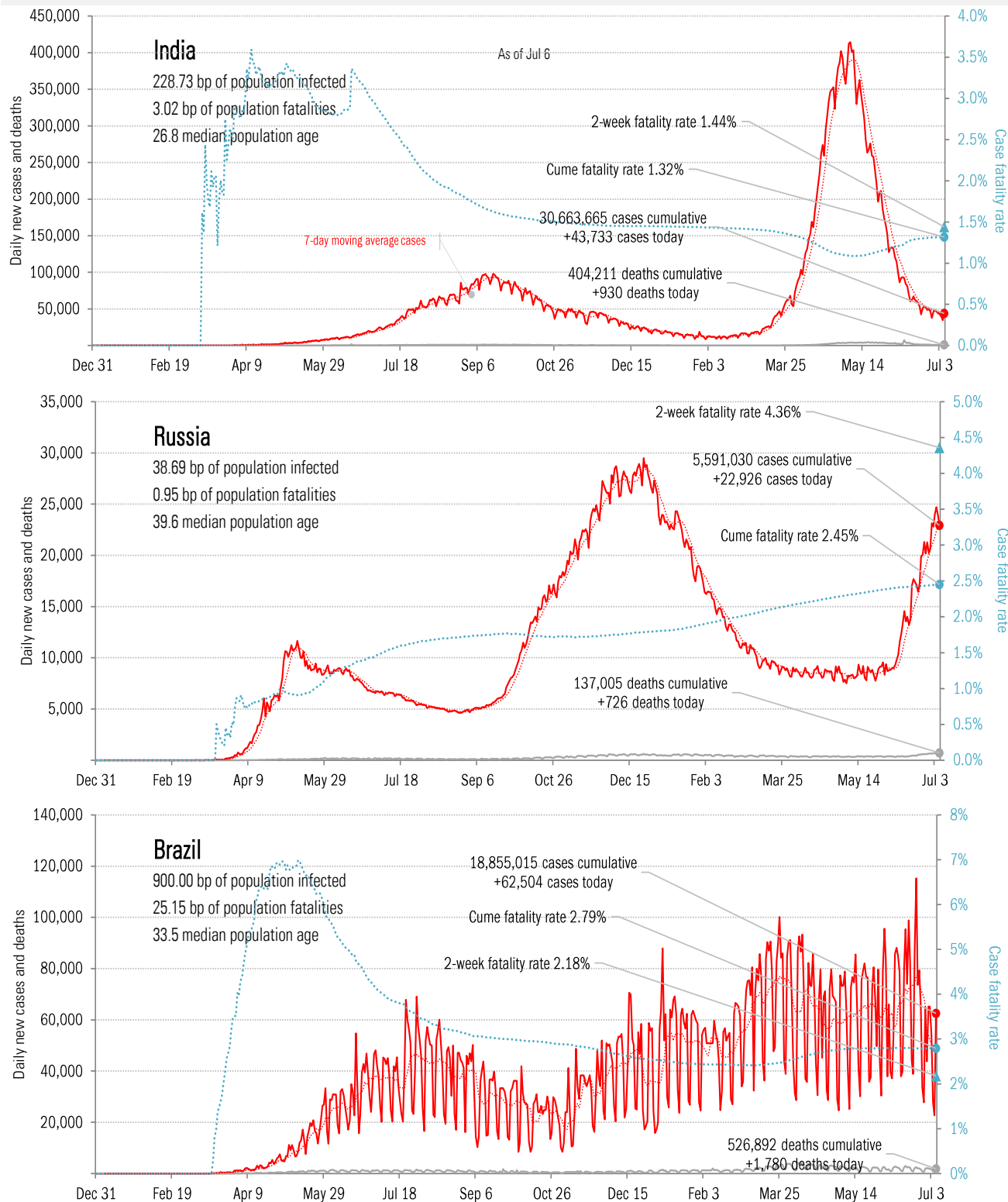
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



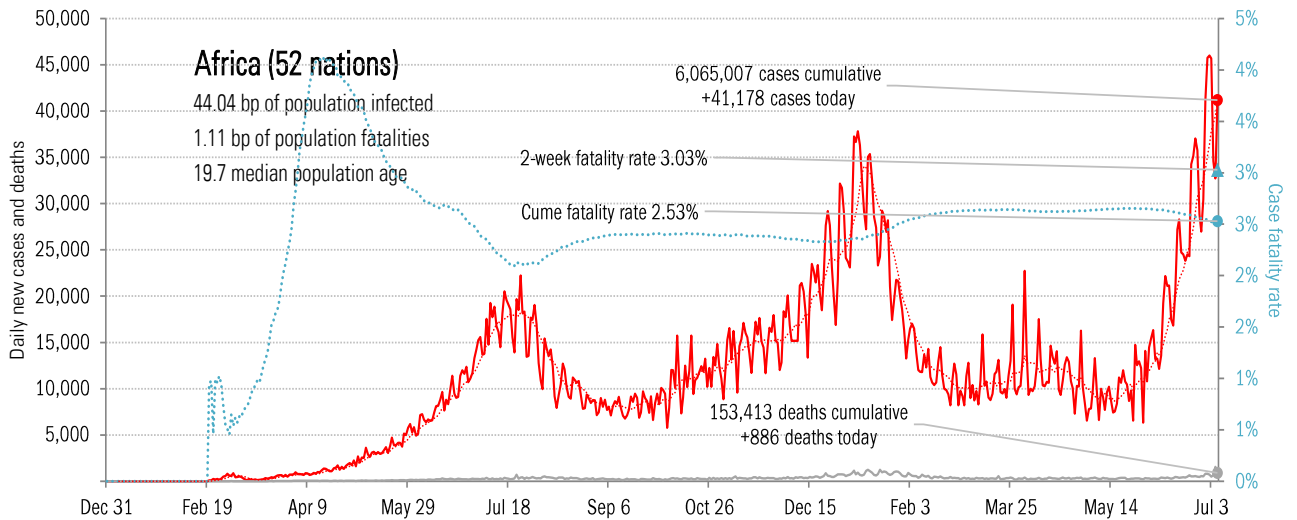
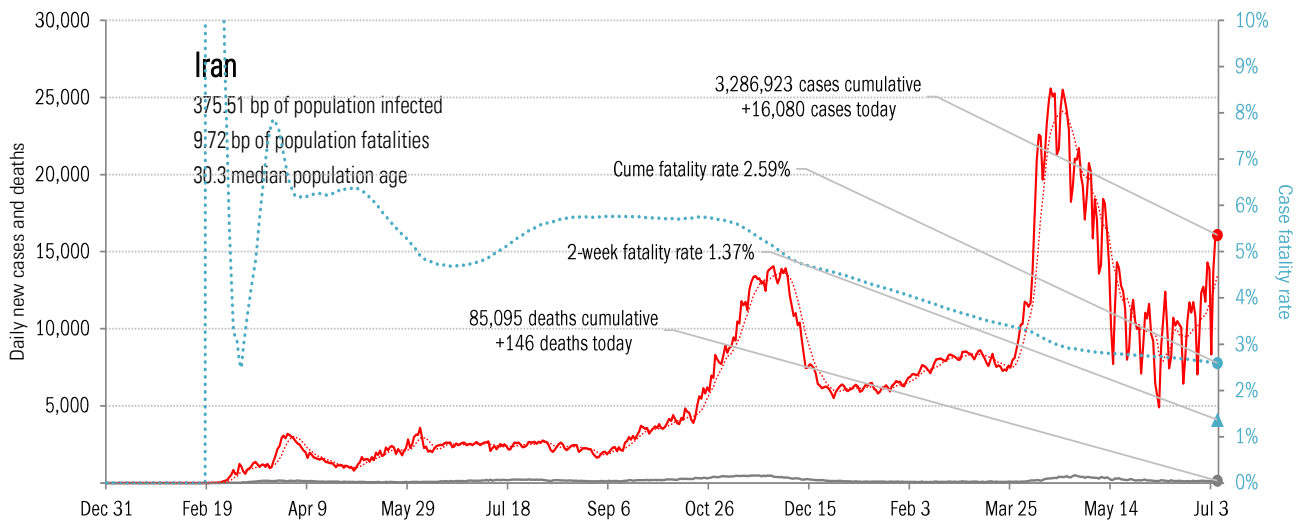
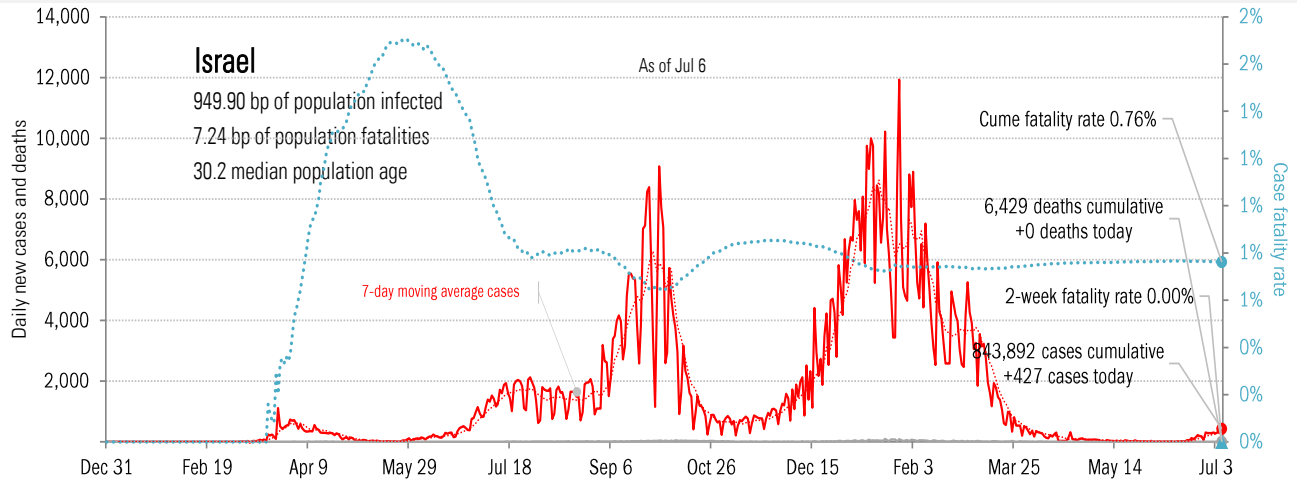
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



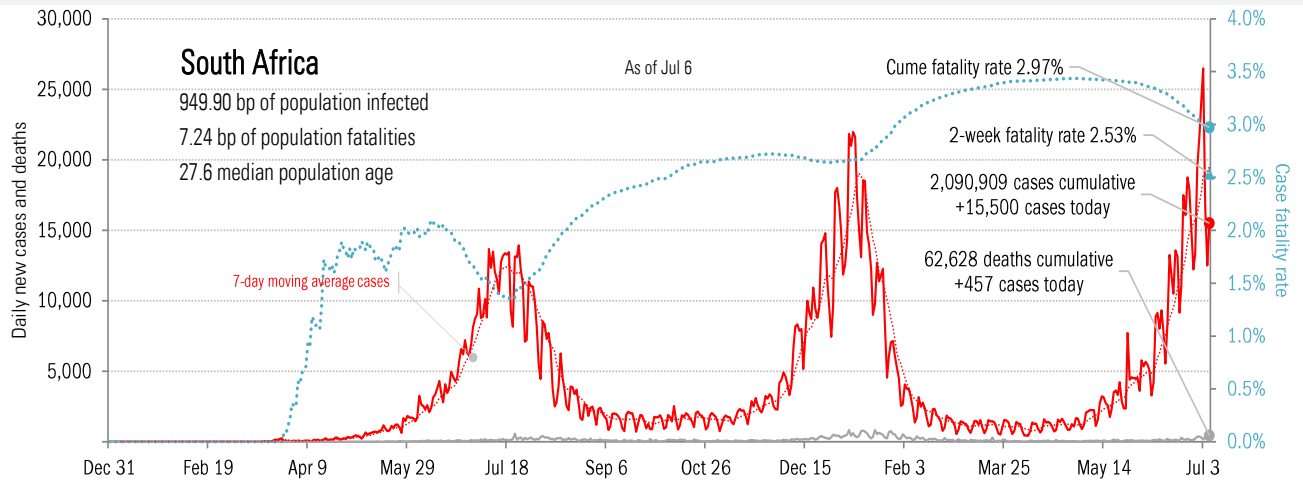
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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