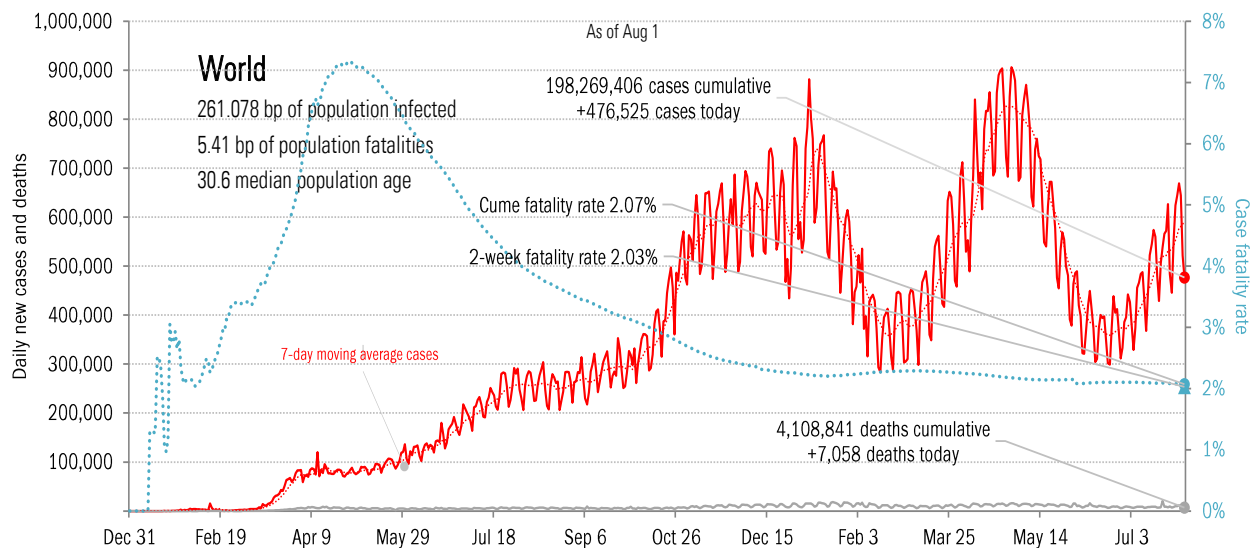
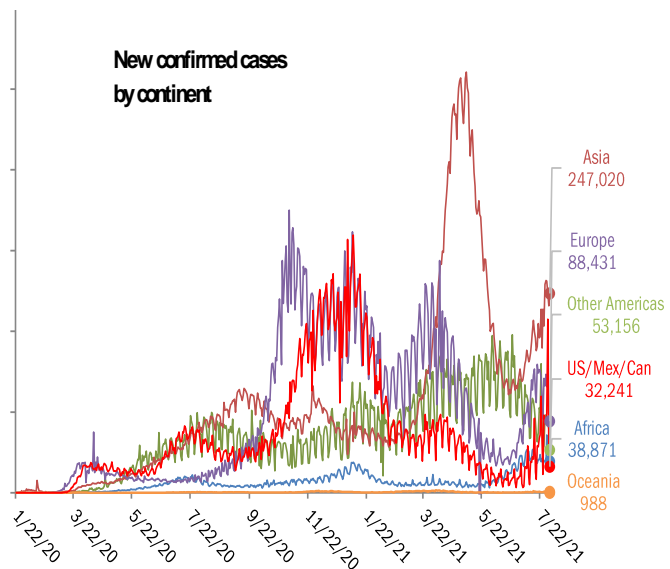


Data Insights: Covid-2019 Monitor

Monday, August 2, 2021

The global scorecard

The worst ten countries			
New cases		New Deaths	
United States	+40,959	Indonesia	+1,604
India	+40,134	Russia	+774
Iran	+32,511	Brazil	+464
Indonesia	+30,738	India	+422
United Kingdom	+24,173	Burma	+397
Russia	+22,264	Tunisia	+381
Turkey	+20,890	Iran	+366
Brazil	+20,503	Colombia	+275
France	+19,600	Bangladesh	+231
Thailand	+18,027	South Africa	+178
+269,799		+5,092	
World +476,525		World +7,058	
Top ten 57%		Top ten 72%	



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

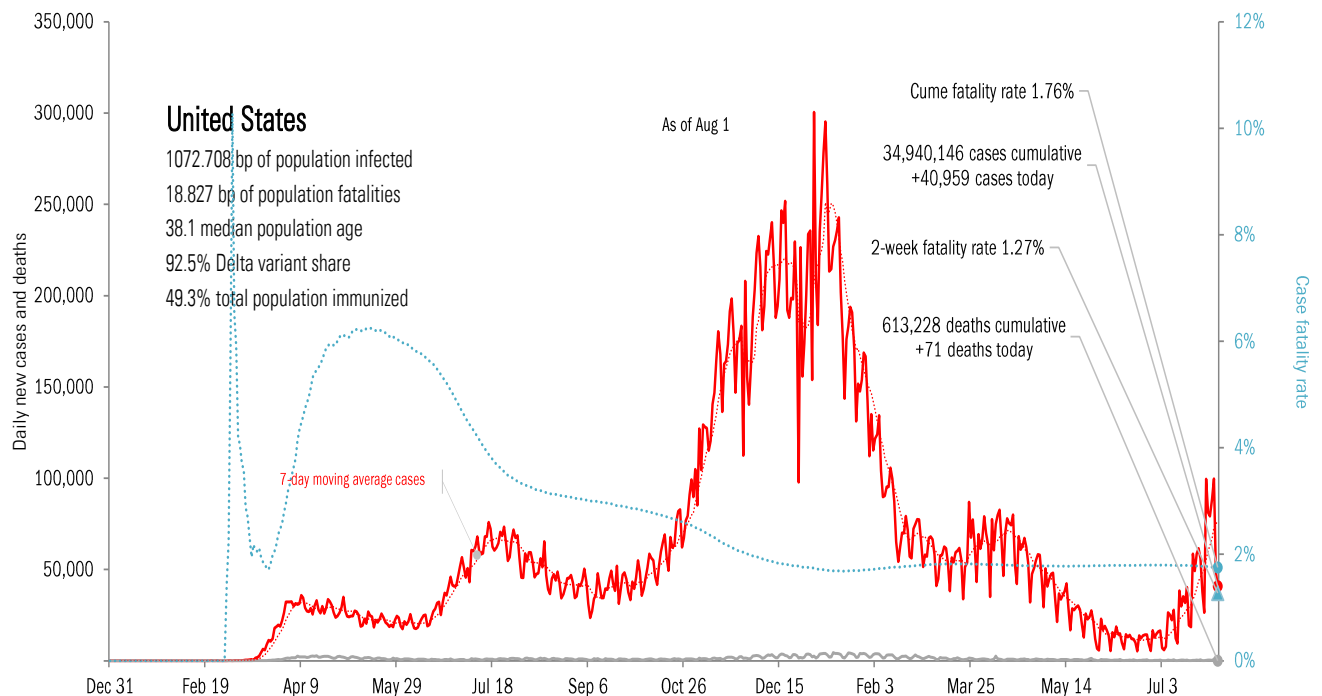
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
FL	+15,818		FL	+74		FL	+472		CA	3,966,943		CA	64,429		TX	270,711		RI	91%	MO	35%
CA	+5,753		TX	+19		GA	+263		TX	3,142,184		NY	53,650		CA	251,233		MO	85%	AR	33%
TX	+3,347		AR	+16		CA	+214		FL	2,570,963		TX	53,296		FL	214,283		MA	85%	FL	32%
NY	+2,574		NY	+9		RI	+161		NY	2,152,964		FL	38,900		NY	138,937		MD	84%	MS	30%
AZ	+2,306		PA	+6		TX	+151		IL	1,419,611		PA	27,856		GA	115,329		FL	84%	LA	27%
AR	+1,984		AZ	+5		AZ	+86		PA	1,230,742		NJ	26,607		PA	93,172		GA	84%	NV	26%
MO	+1,925		NJ	+5		AL	+83		GA	1,179,449		IL	25,873		CH	90,172		PA	82%	AK	26%
AL	+1,798		CA	+4		LA	+82		CH	1,130,134		GA	21,676		IL	85,162		SC	81%	TX	24%
PA	+1,740		MD	+3		MO	+70		NC	1,048,076		MI	21,188		KY	81,384		CT	81%	OK	24%
NJ	+928		MO	+3		SC	+61		NJ	1,040,281		CH	20,492		MI	74,303		NV	80%	AL	23%
+38,173			+144			+1,643			18,881,347			353,967			1,414,686						
All states	+40,959		+145			+2302			All states	34,940,146		613,228			2,517,114			All states	70%	67%	
Top ten	93%		99%			71%			Top ten	54%		58%			56%			Median	73%	11%	

Some states not reporting

Five most improved US states

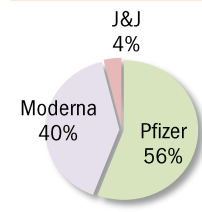
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
AL	-6,346	AL	-26	TX	-127	CA	+20 bp
TX	-1,851	AZ	-17	FL	-66	MP	+20 bp
MO	-820	MO	-15	NJ	-42	PA	+20 bp
CH	-612	TX	-10	NC	-37	VA	+20 bp
FR	-570	MD	-4	CO	-24	AR	+10 bp



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

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	356,387,797		+0.831 million		US	49.3%	57.3%	
	One dose	% Pop	Immune	% pop	New immune today	UK	56.5%	69.0%
Total population	196,286,298	59%	169,051,897	51%	+0.316 million	France	47.1%	61.7%
Age 12 to 17	10,815,552	43%	8,323,832	33%	+0.053 million	Spain	57.6%	68.1%
Age 18 to 64	134,399,302	66%	115,235,680	57%	+0.216 million	Germany	51.6%	61.2%
Age 65 and over	50,847,382	93%	45,362,371	83%	+0.047 million	Italy	52.3%	63.7%
						Australia	15.3%	33.0%
						Israel	62.1%	66.9%
						Canada	59.4%	71.8%
						Japan	29.3%	39.8%
						Africa	1.7%	3.5%
						India	7.6%	26.7%
						Brazil	19.5%	49.4%
						China	15.5%	43.2%



State
At least partial immunity as % population
Full immunity as % population



Every American >18 immune in **154 days** by Jan 2, 2022
 62.2% of population >18 immunized
 11.9% previously tested positive
74.1% vs 60% adult herd immunity*

As of Aug 1

Global data differs from sources, timing

AK
51.5%
45.5%

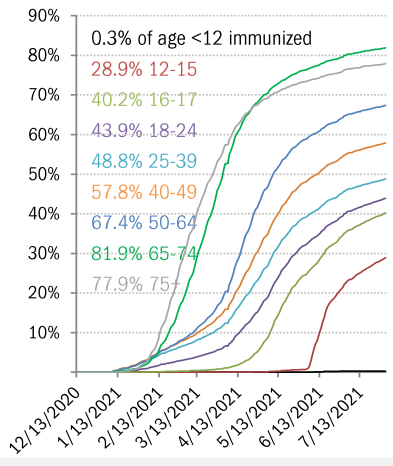
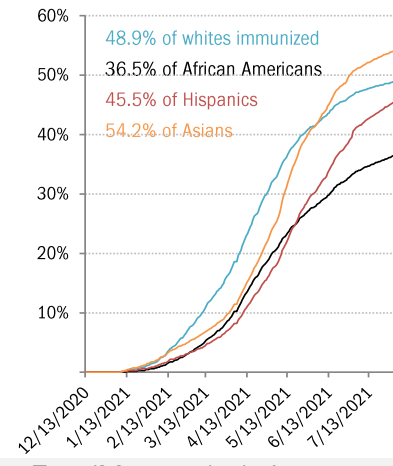
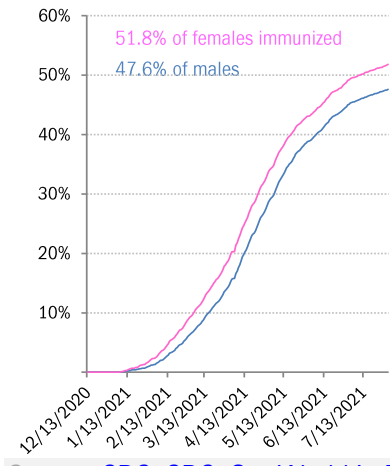
WI
55.7%
51.8%

ME
68.4%
63.5%

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
64.1%	41.3%	49.6%	45.6%	59.0%	62.5%	53.2%	63.2%	75.6%	64.8%	
57.7%	37.5%	44.4%	40.2%	53.9%	48.6%	48.9%	57.2%	67.6%	58.3%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
60.8%	53.8%	41.8%	52.8%	53.3%	47.4%	49.9%	65.7%	66.1%	72.7%	
56.0%	44.5%	36.7%	47.0%	49.6%	44.3%	46.6%	52.5%	58.5%	64.0%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
65.0%	52.1%	60.4%	54.1%	49.1%	52.3%	46.1%	61.9%	64.8%	70.0%	67.5%
53.0%	44.8%	54.5%	49.6%	41.5%	45.7%	39.1%	54.7%	58.9%	63.4%	61.6%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	53.2%	65.7%	53.5%	47.1%	44.9%	51.4%	46.9%	64.1%	60.8%	
	45.3%	57.3%	45.3%	36.5%	39.2%	43.8%	40.7%	54.9%	52.8%	
			OK	LA	MS	AL	GA			
			48.0%	42.8%	39.8%	43.4%	46.3%			
			40.3%	37.0%	34.5%	34.4%	38.7%			
			TX					FL		PR
			51.9%					58.0%		68.9%
			43.9%					49.0%		59.9%

HI
71.5%
53.6%

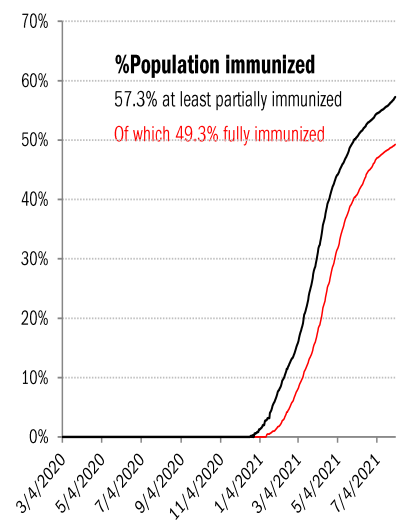
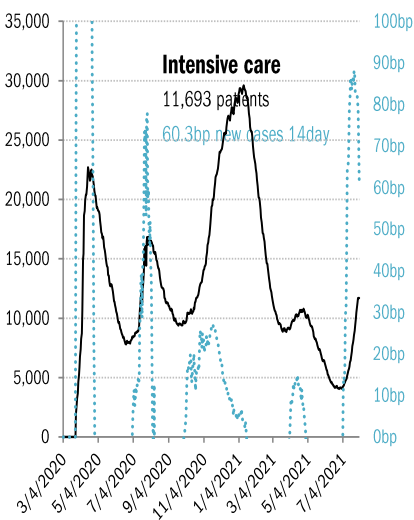
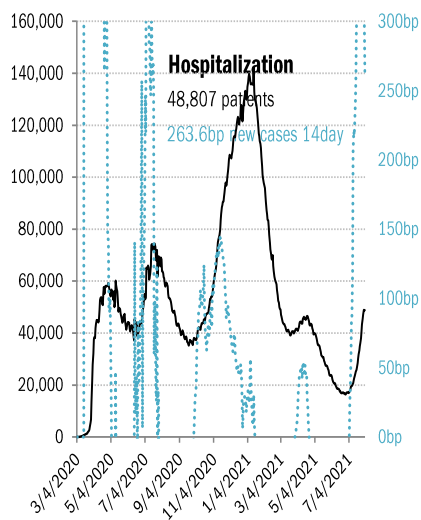
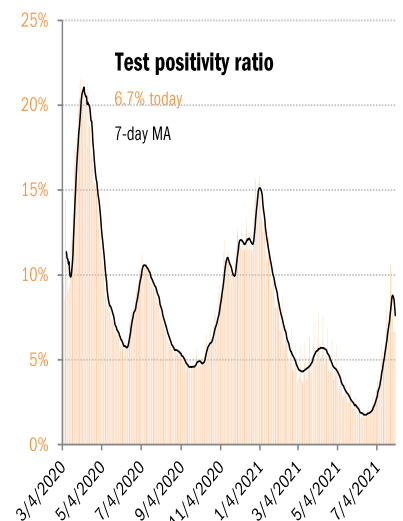
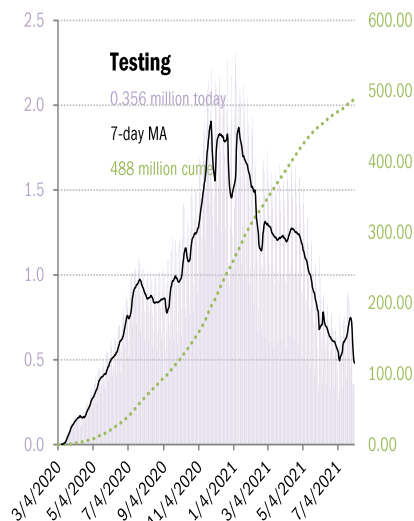
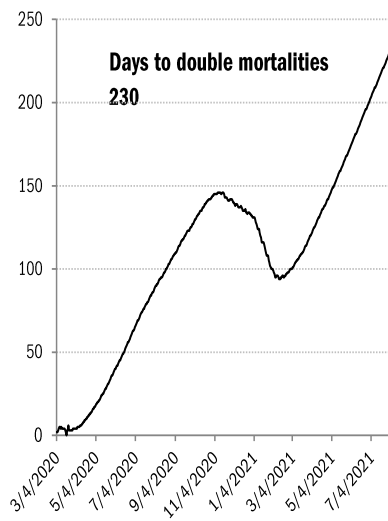
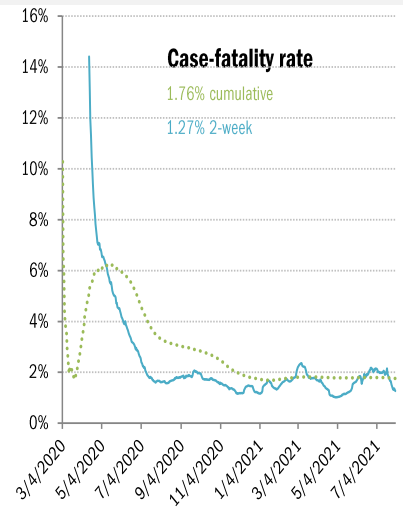
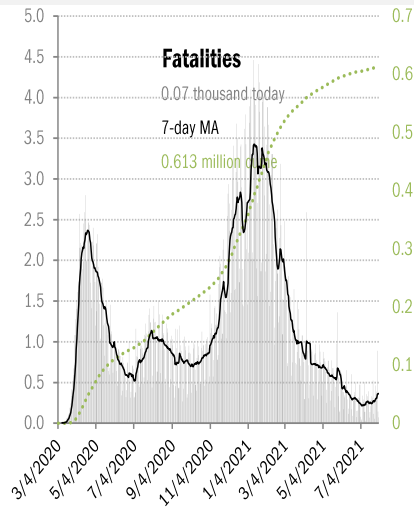
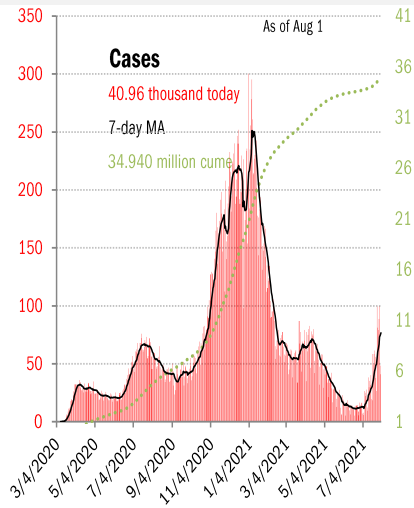
The demographics of US vaccination



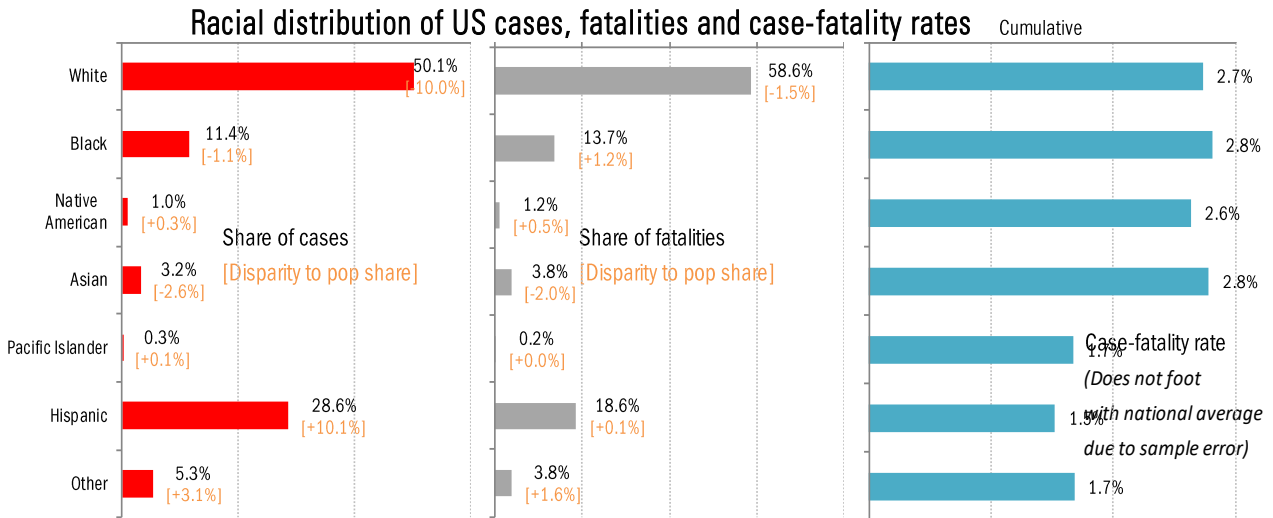
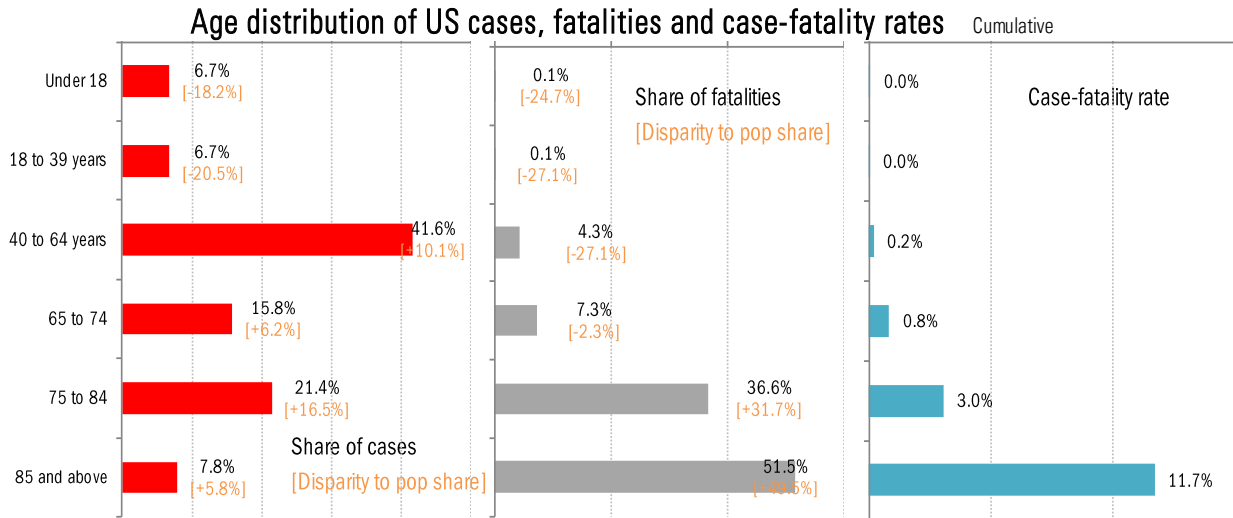
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

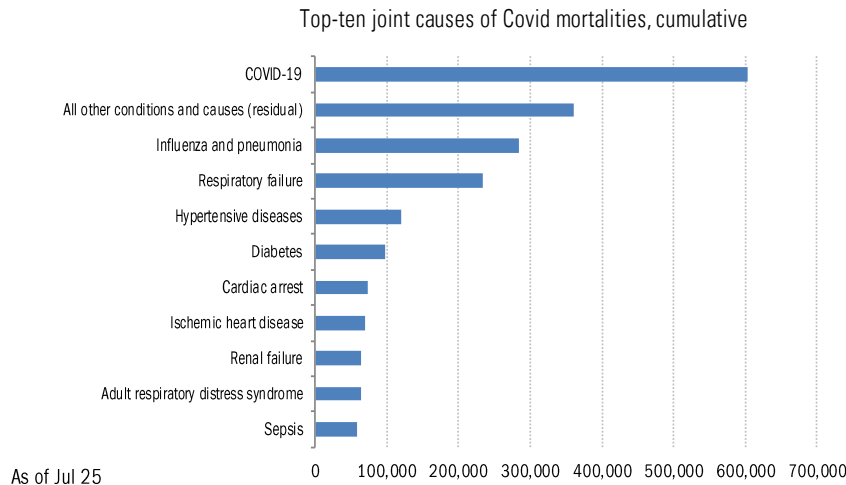
National and state-by-state data do not line up because of different sources



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



Comorbidities



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

[CDC Director Walensky Walks Back Statement To Bret Baier on Vaccine Mandate Probably Because It's Against Federal Law](#)

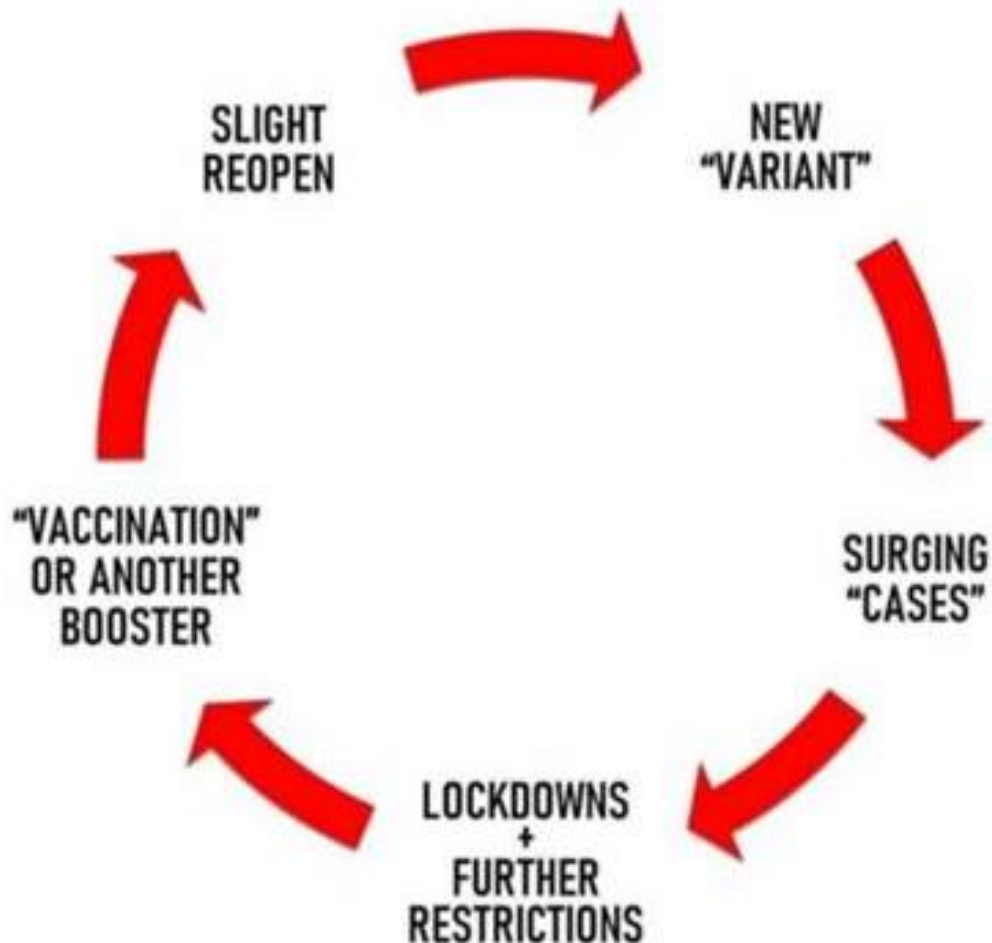
Rich Welsh
DJHJ Media
July 31, 2021

[Chaos over true daily COVID deaths figure: Florida and Delaware skew Johns Hopkins' stats with massive data dump taking total up by 300% - but true figure is significantly lower](#)

Rachel Sharp
Daily Mail
July 31, 2021

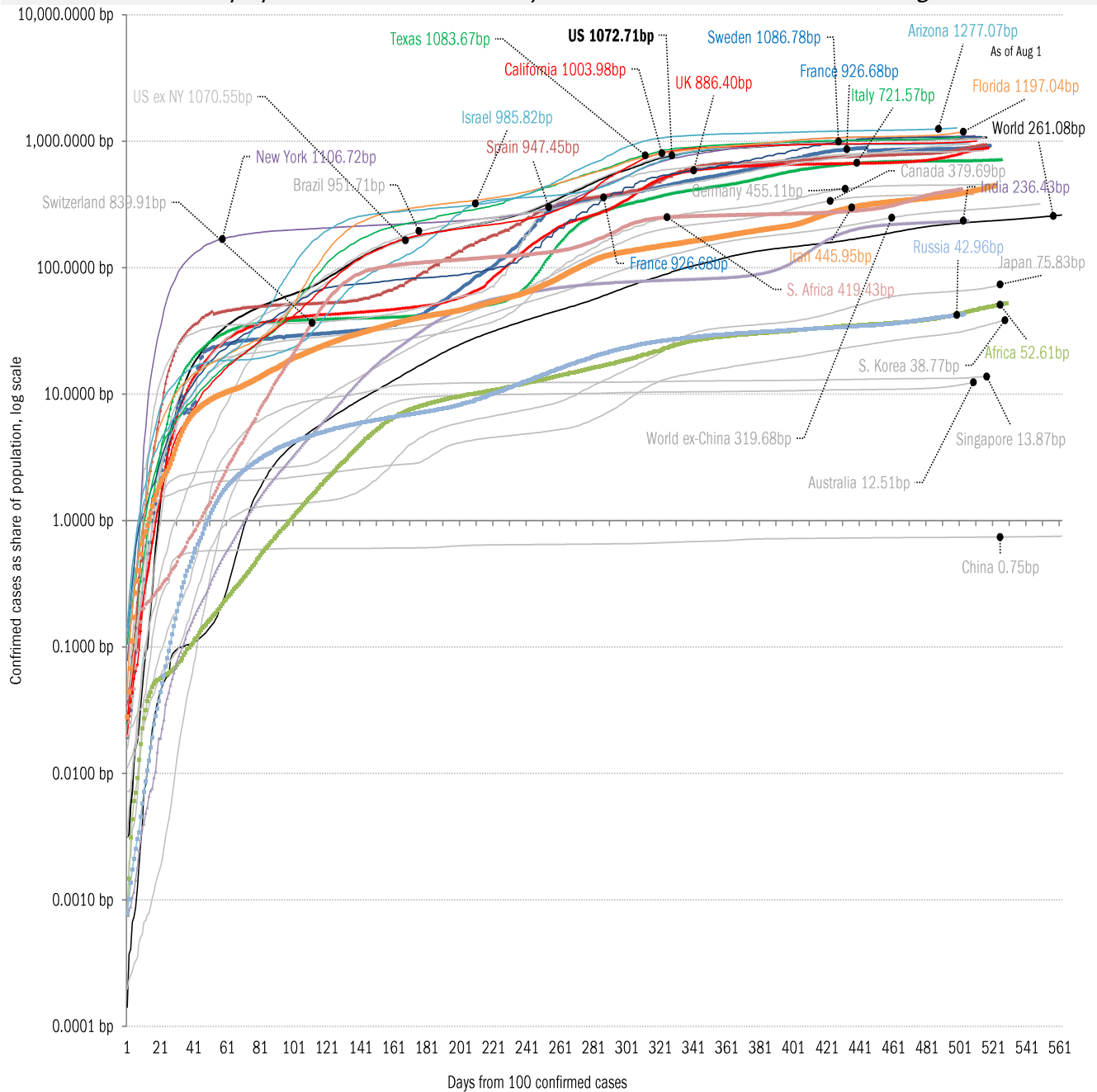
Meme of the day

COVID-19 PUBLIC MANIPULATION MODEL



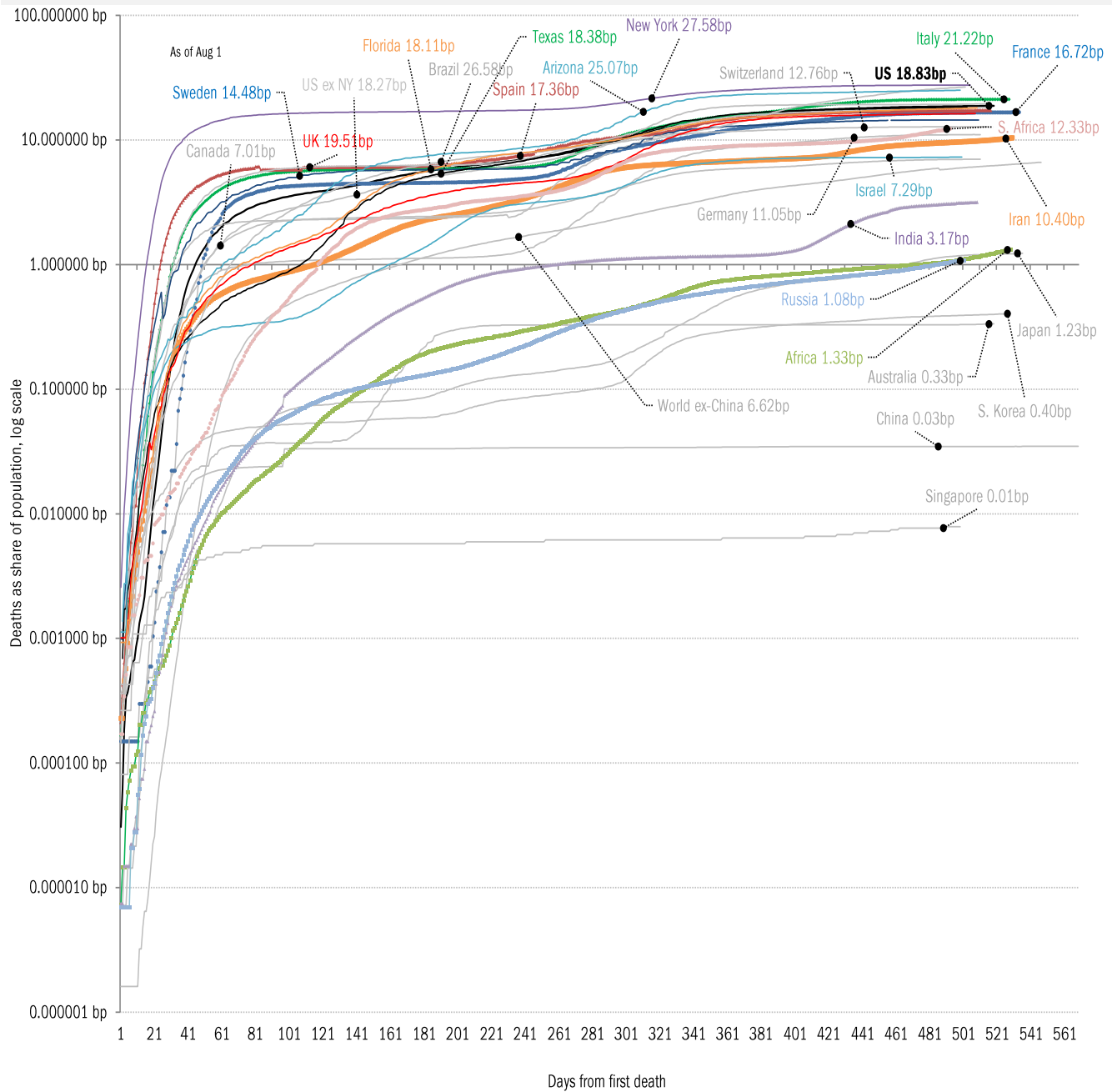
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

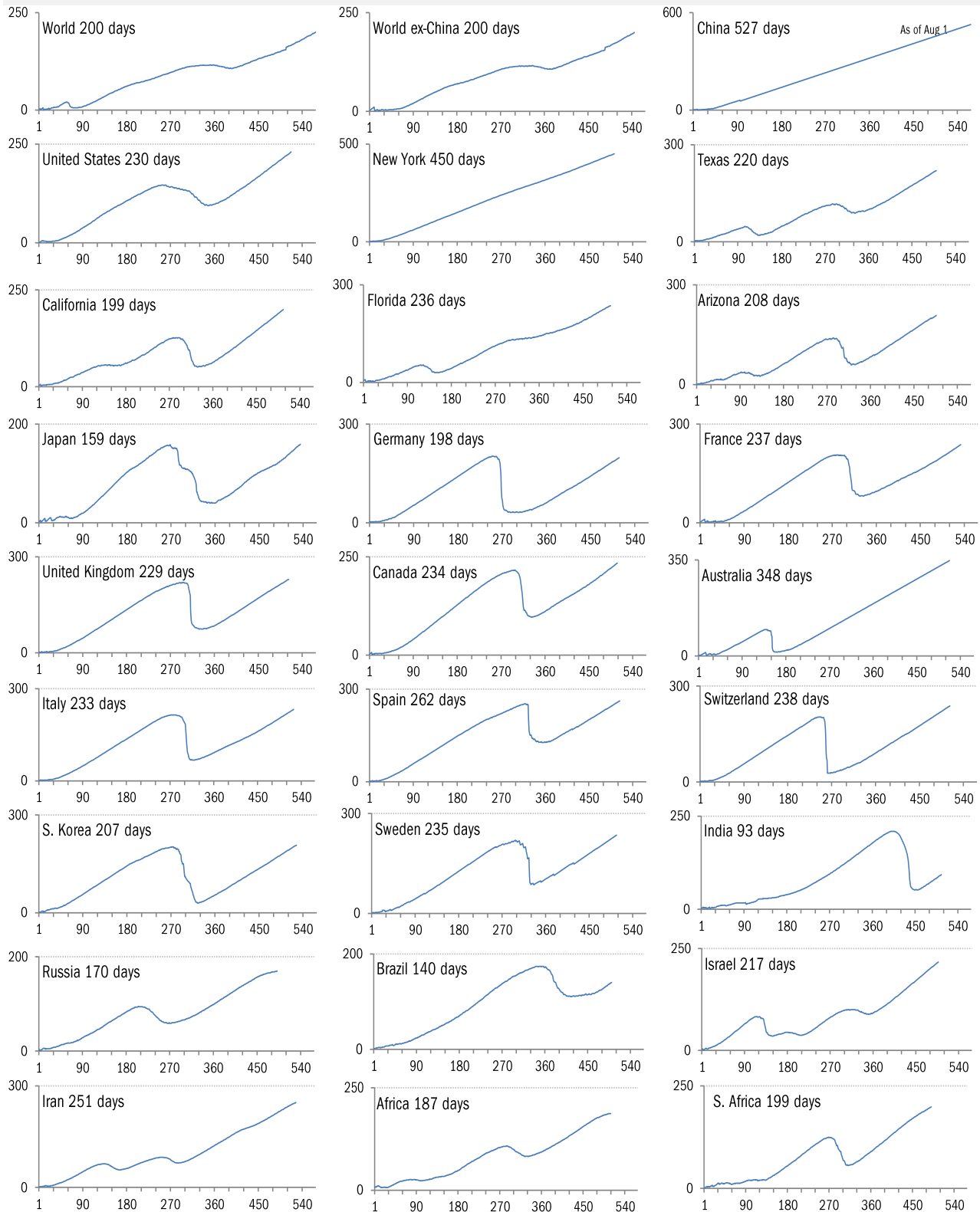


Source: [Johns Hopkins](#), TrendMacro calculations

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

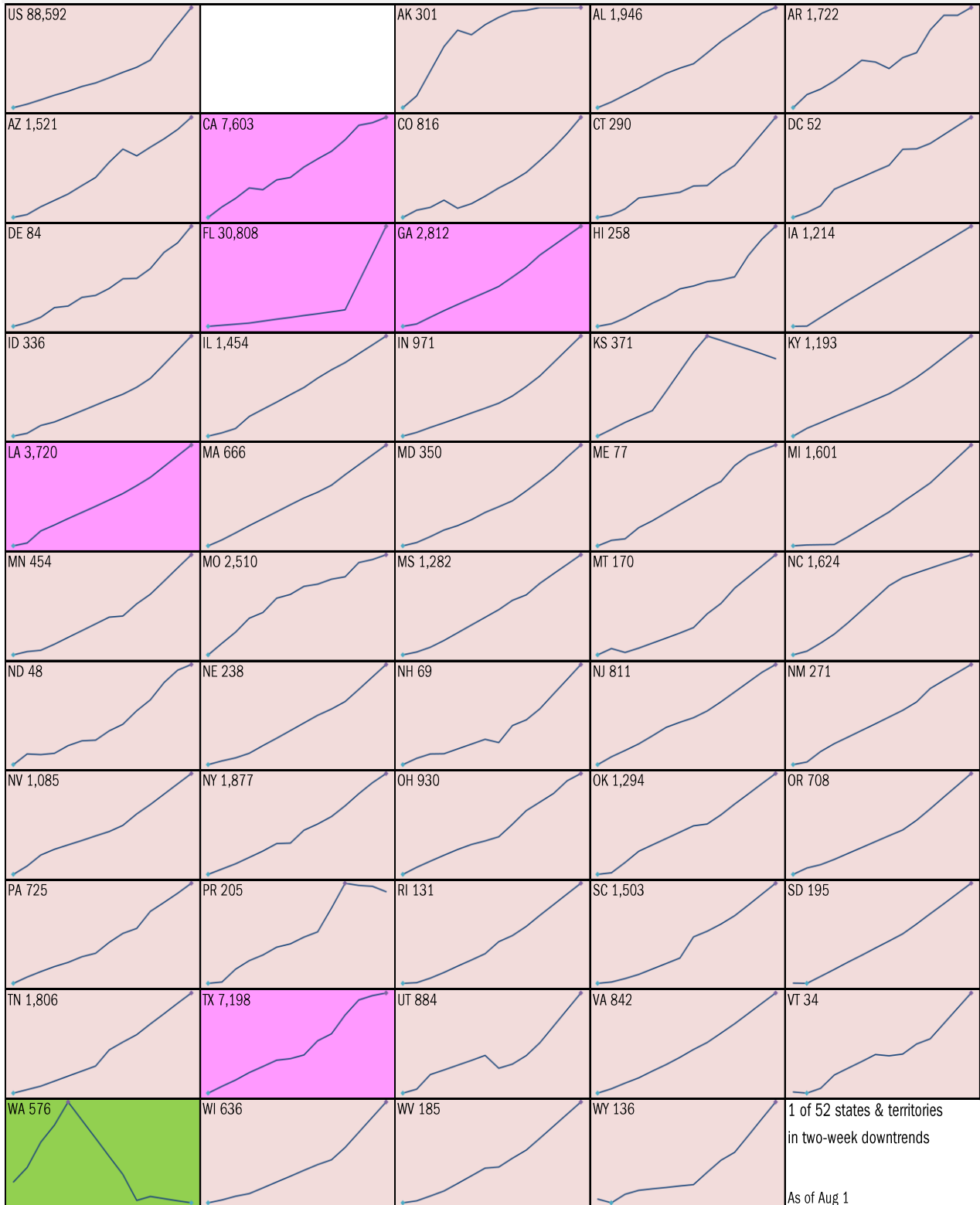
Vertical: days to double deaths Horizontal: days from first death

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



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

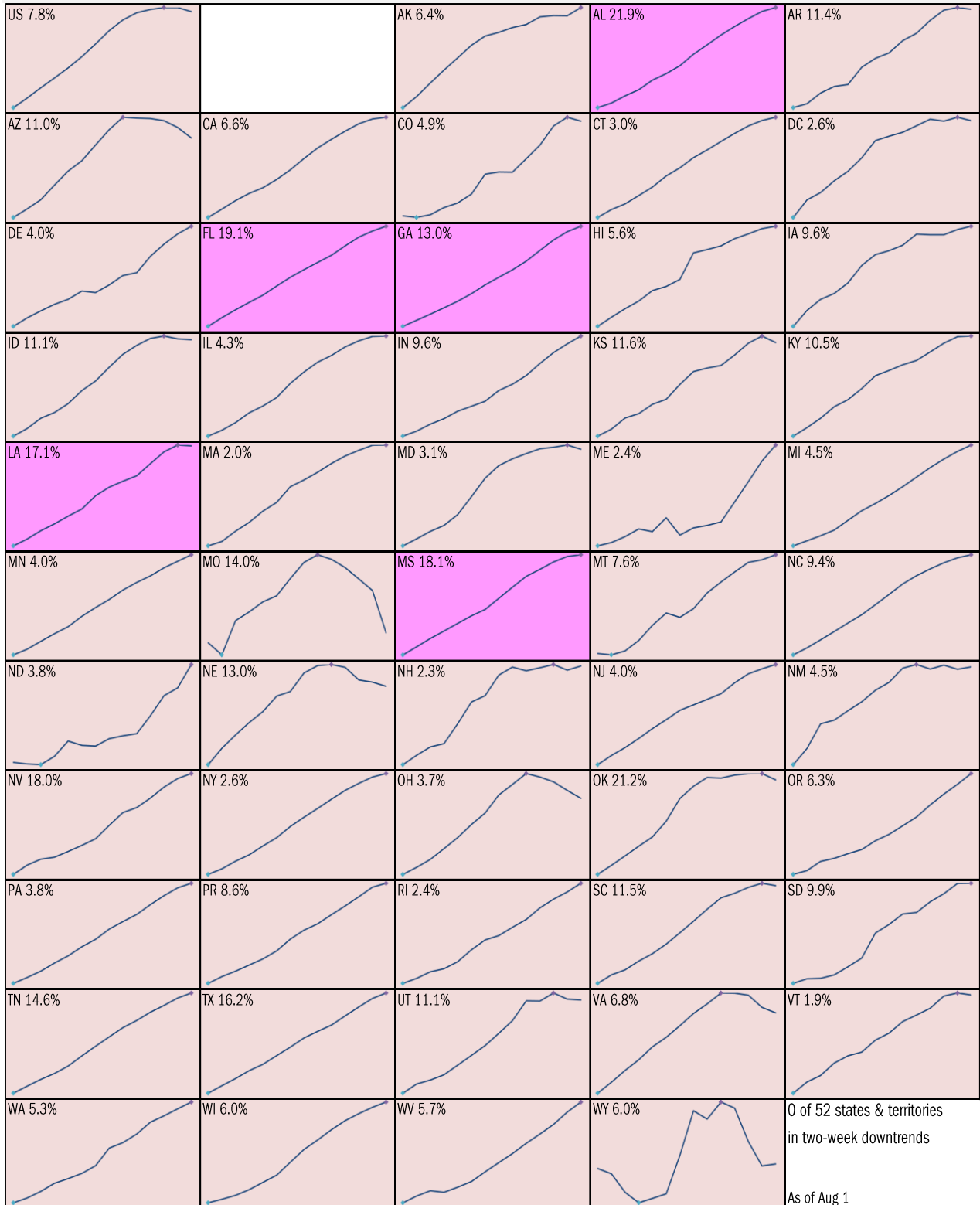
Requirement to [Open Up America Again](#): 14-day "downward trajectory" in new cases
 14-day moving average, last 14 days *Most recent value displayed* ● High ● Low
 ■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

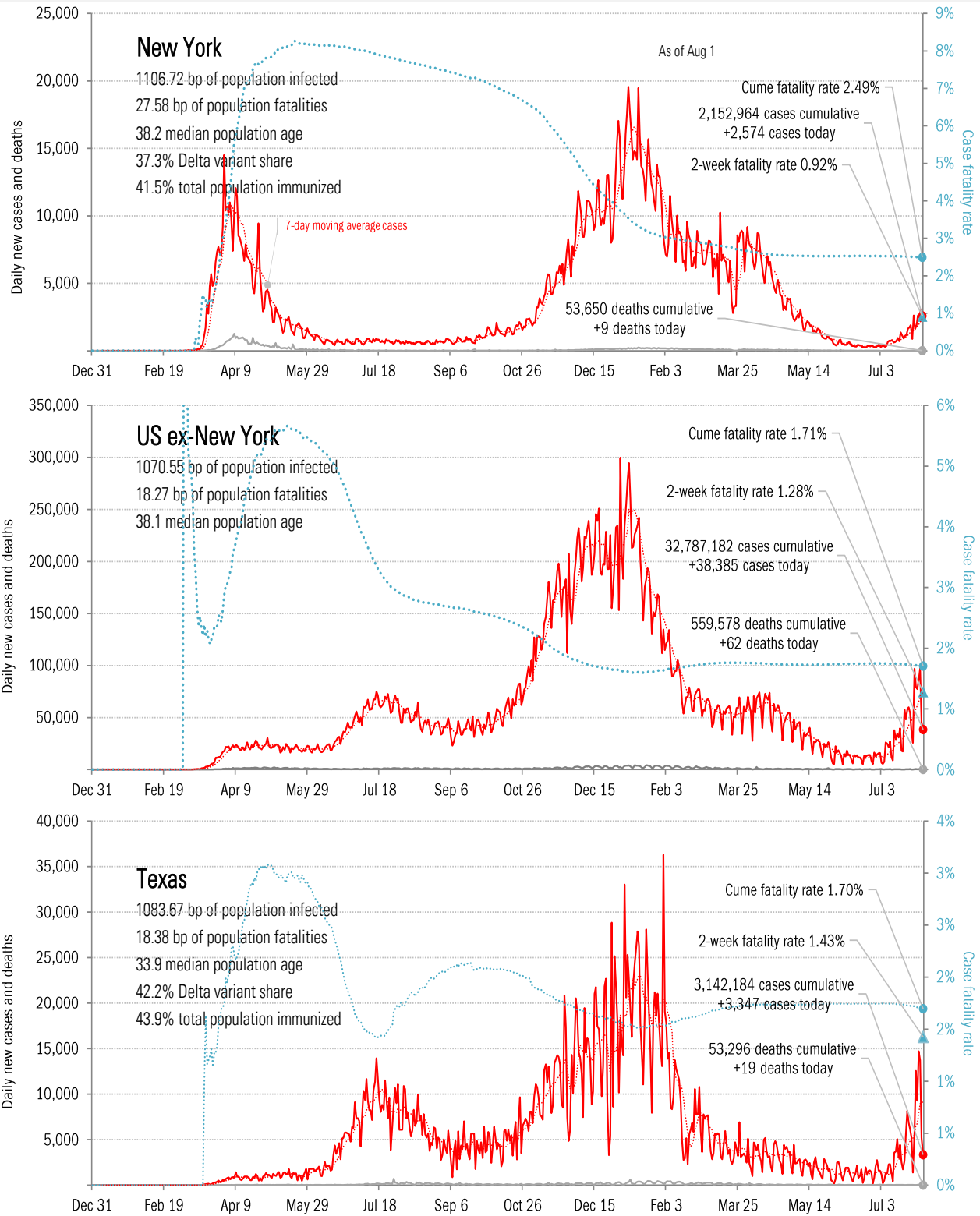
Alt requirement to [Open Up America Again](#): 14-day "downward trajectory" in pos tests

14-day moving average, last 14 days *Most recent value displayed* ● High ● Low
 ■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



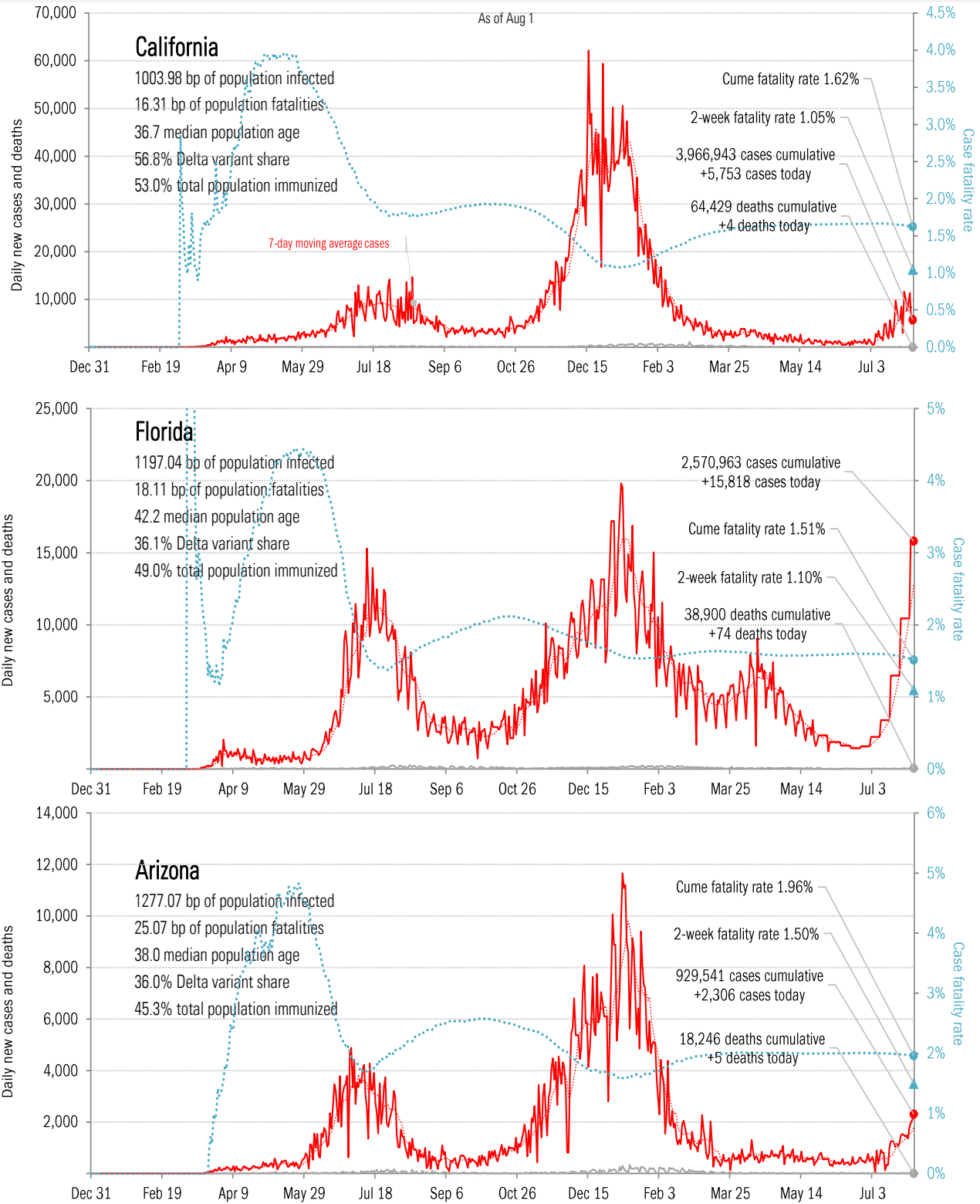
Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande



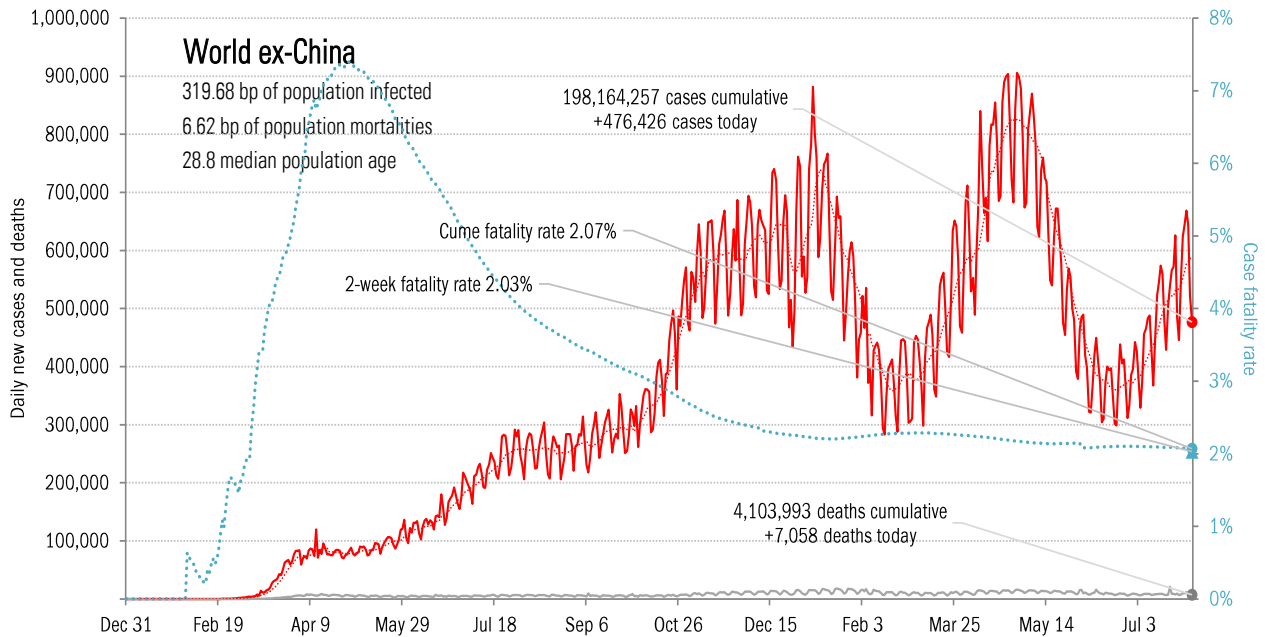
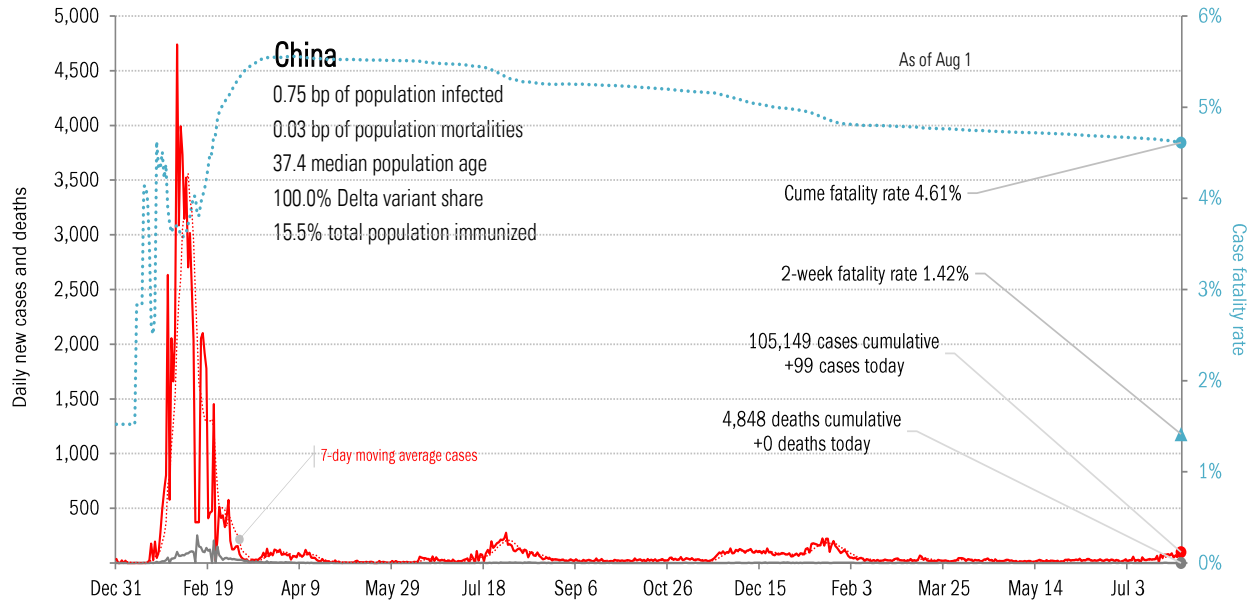
Source: [Johns Hopkins](#), TrendMacro calculations

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



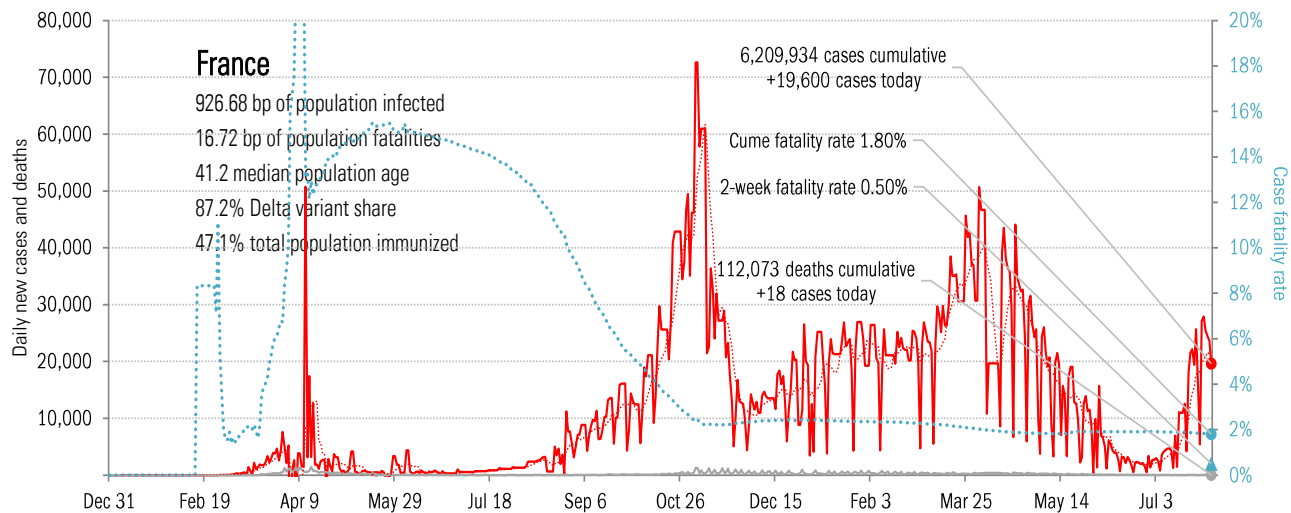
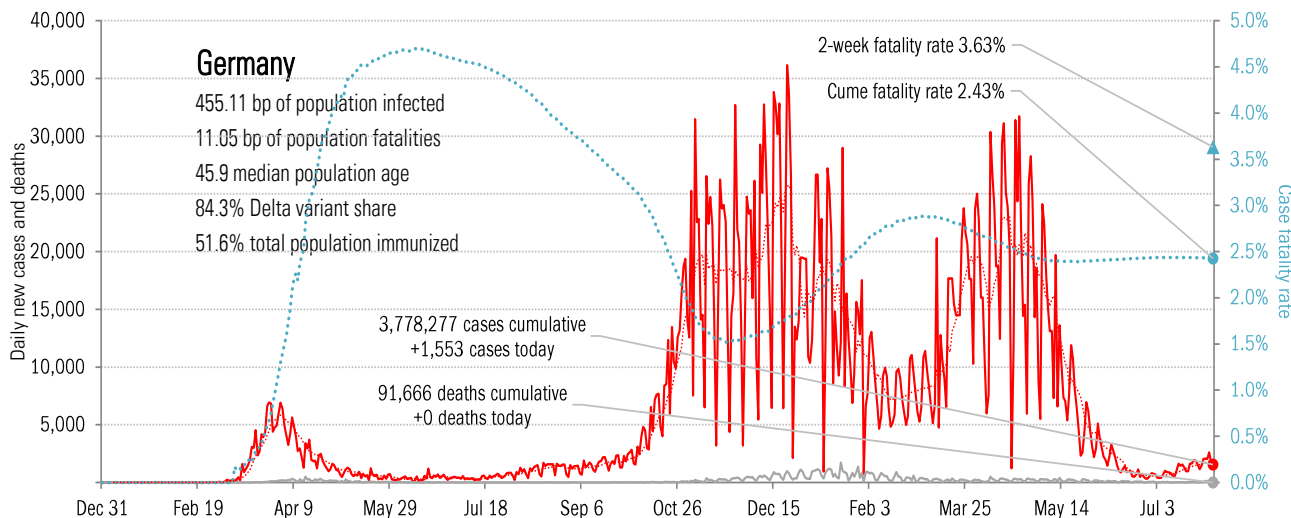
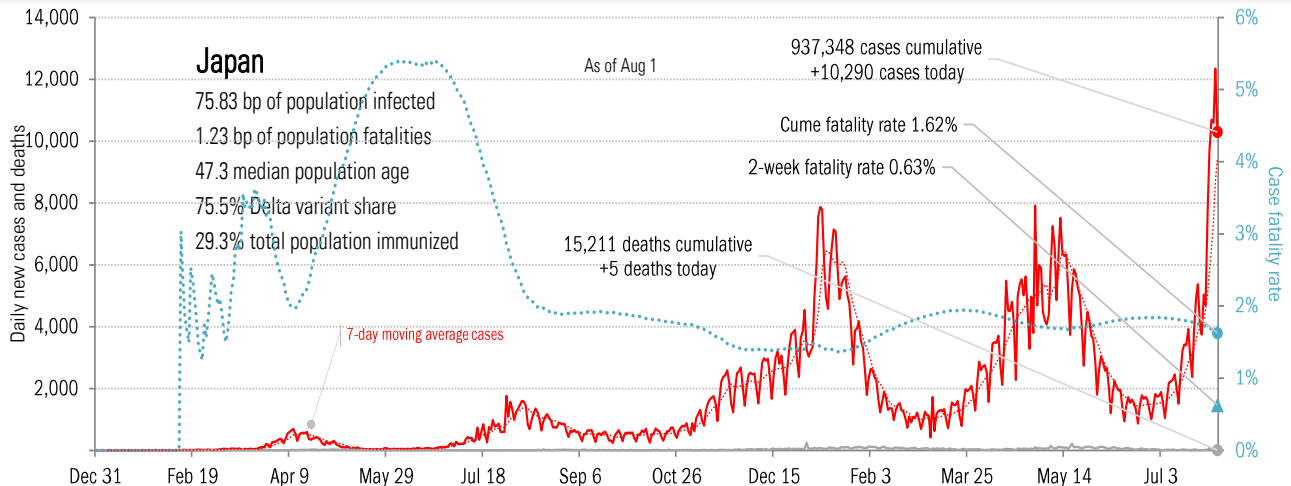
Source: [Johns Hopkins](#), TrendMacro calculations

Patient zero... and then everyone else



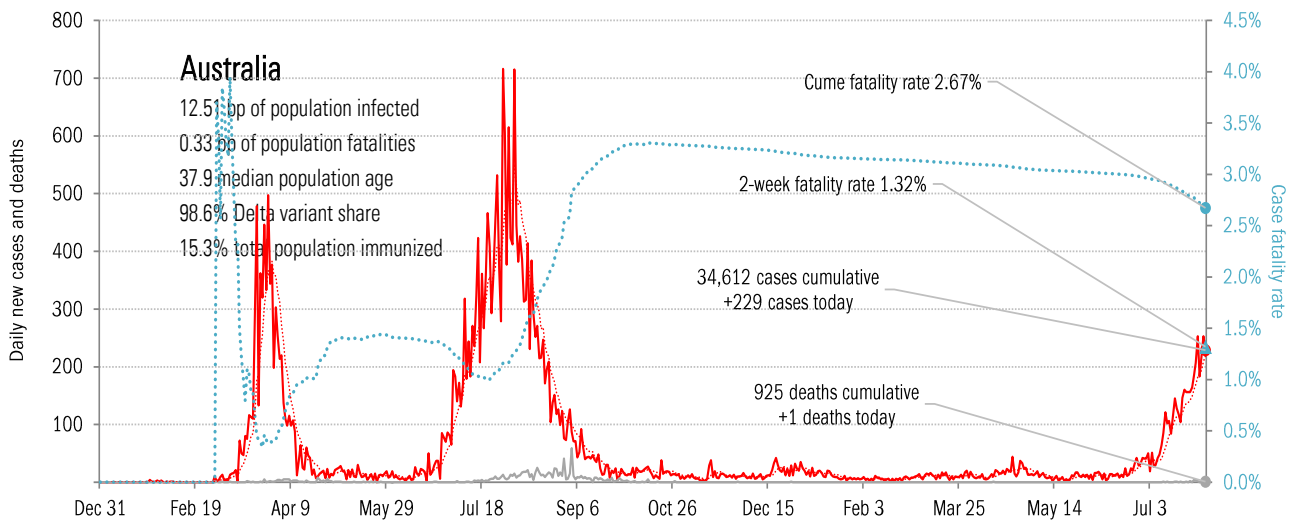
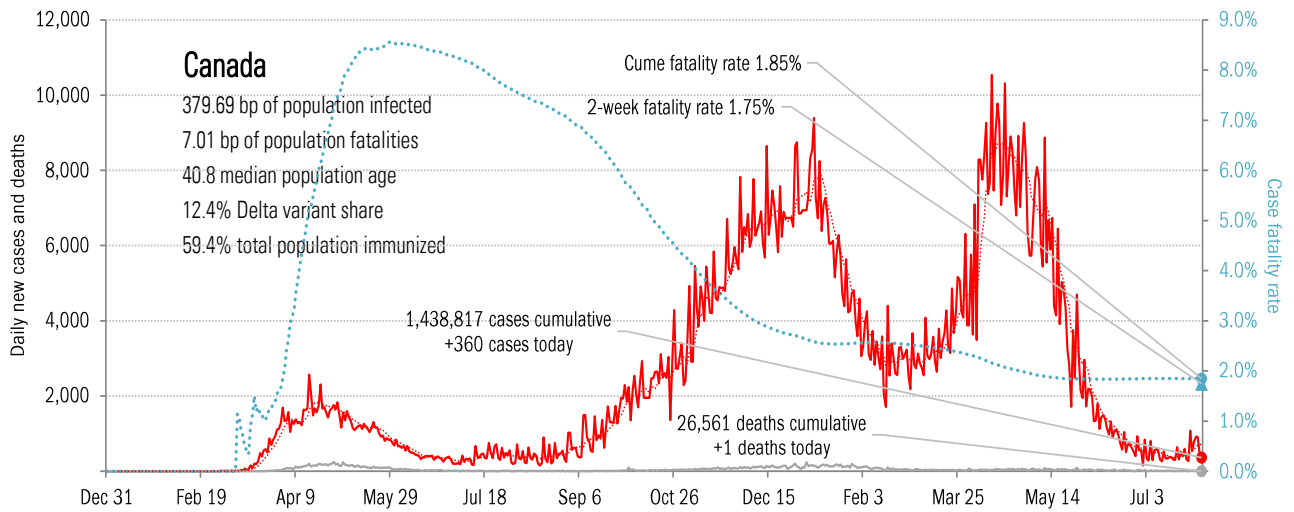
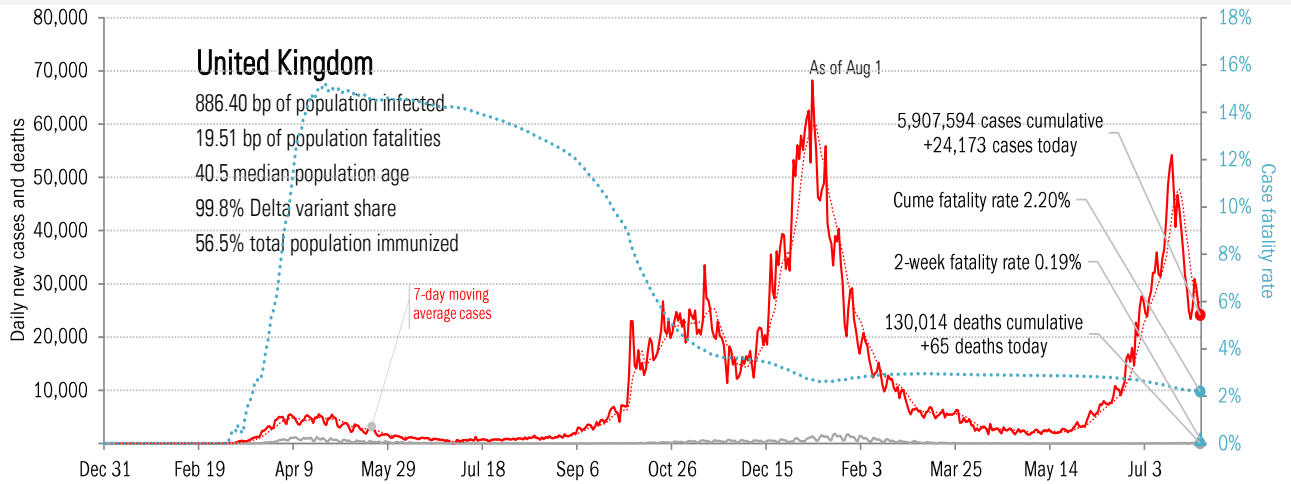
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the largest economies



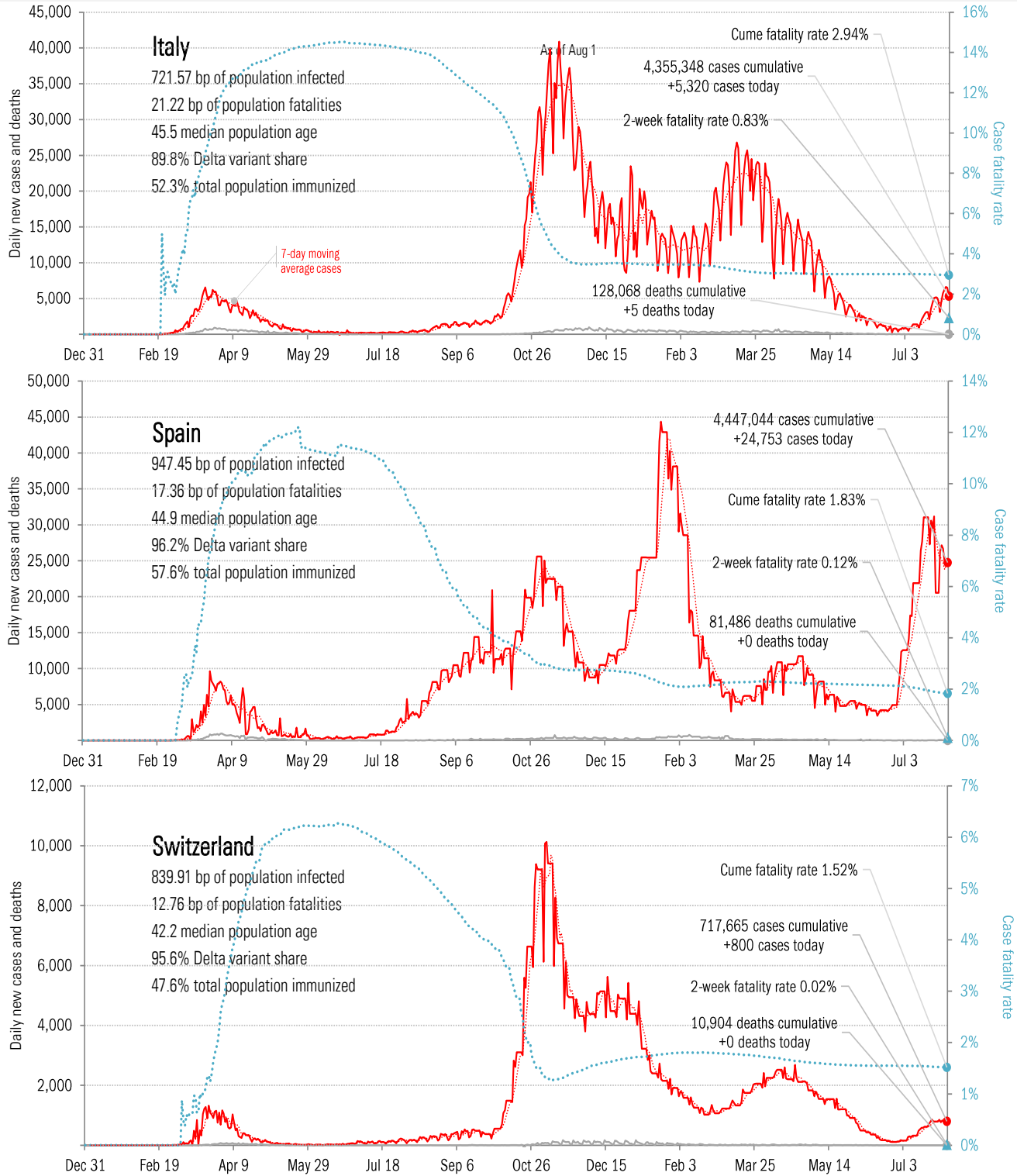
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



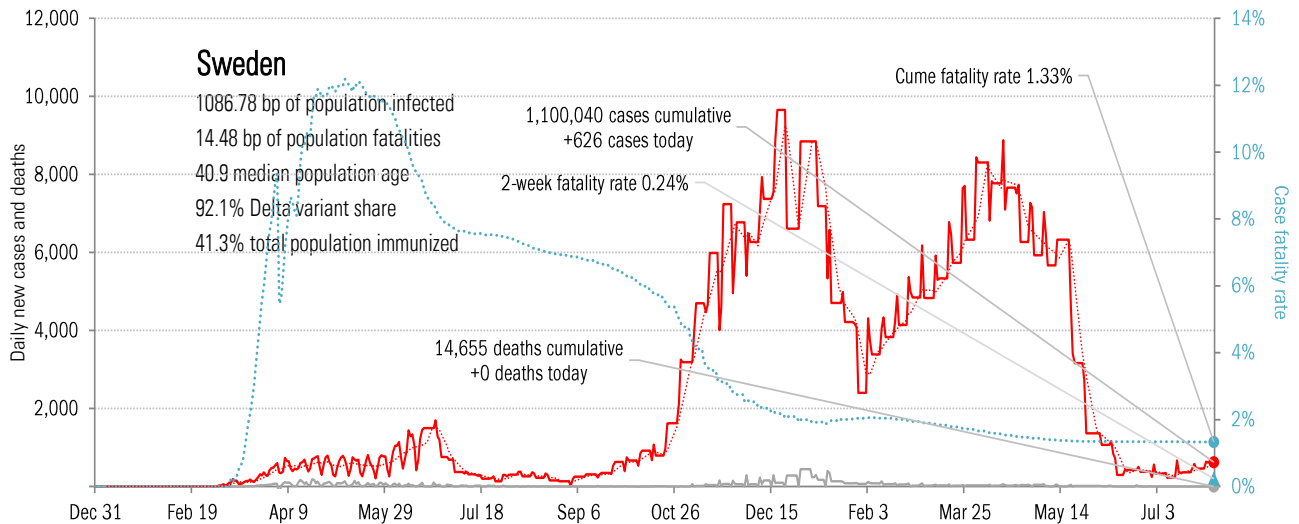
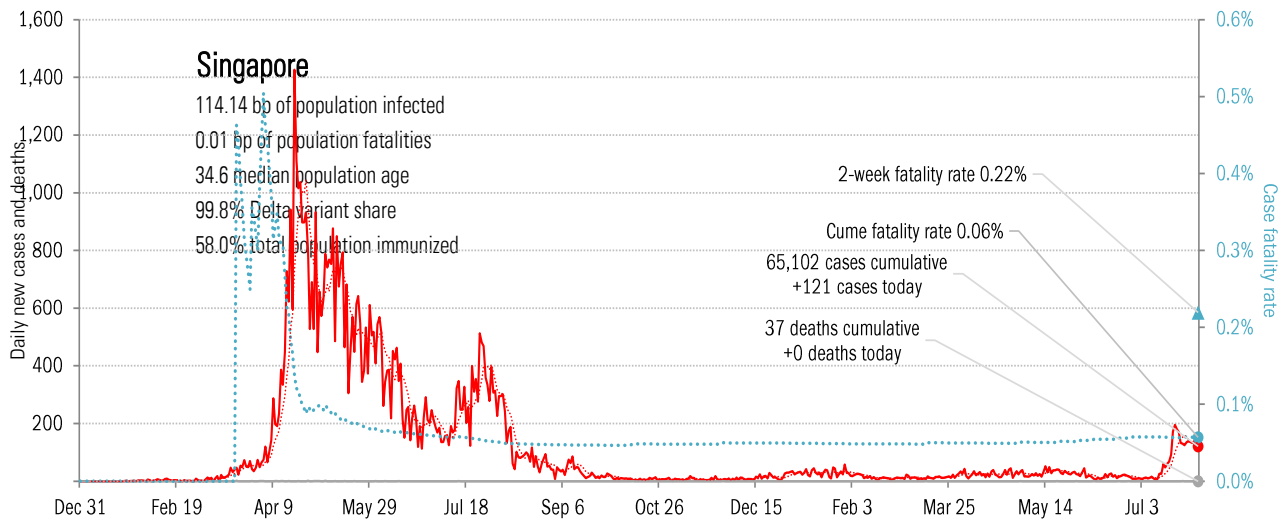
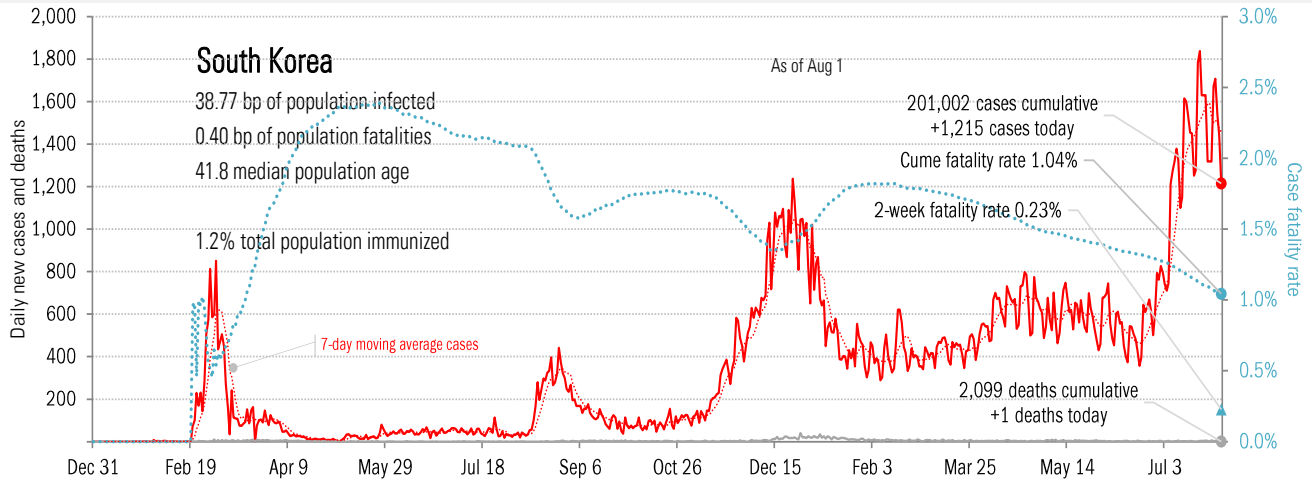
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



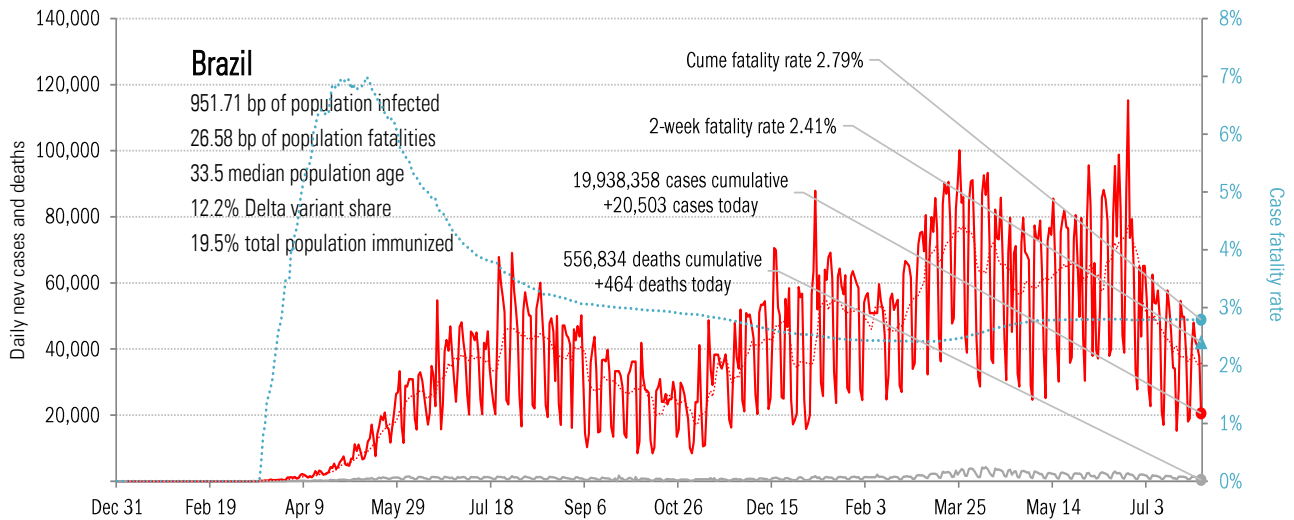
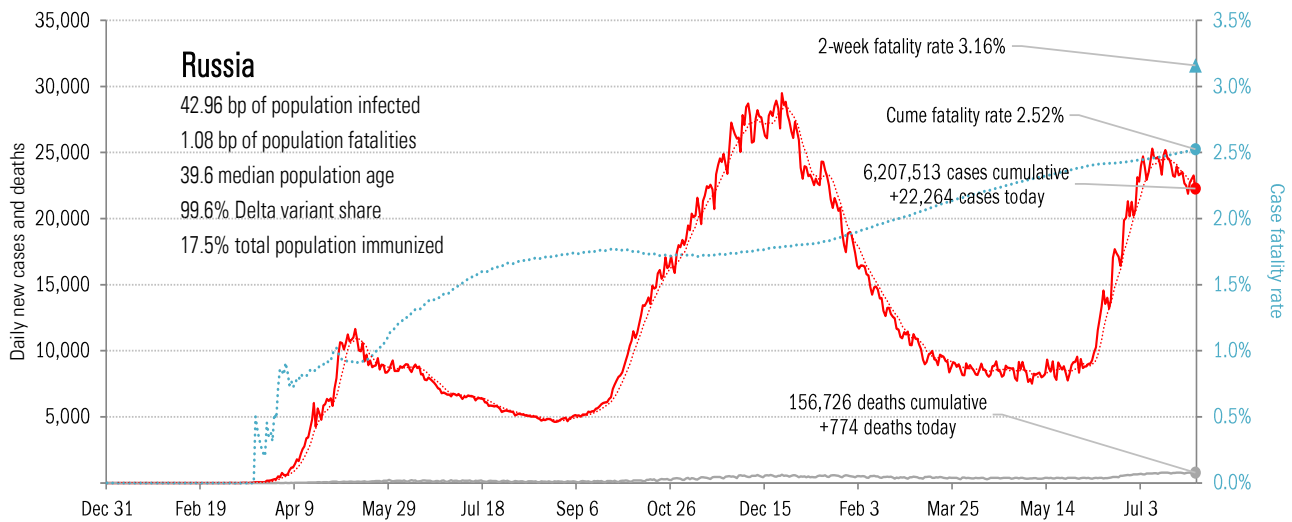
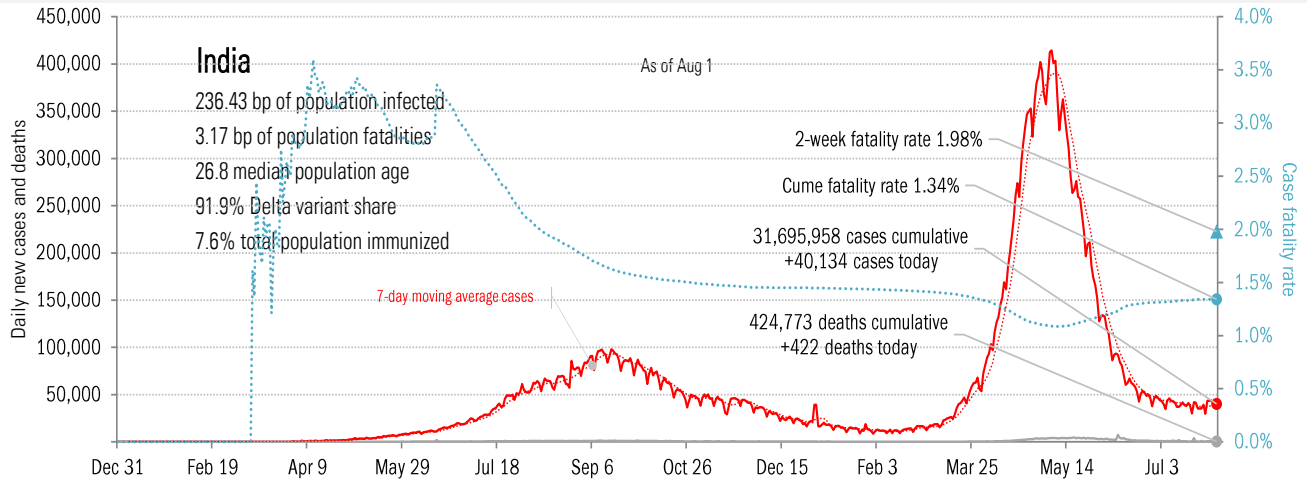
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



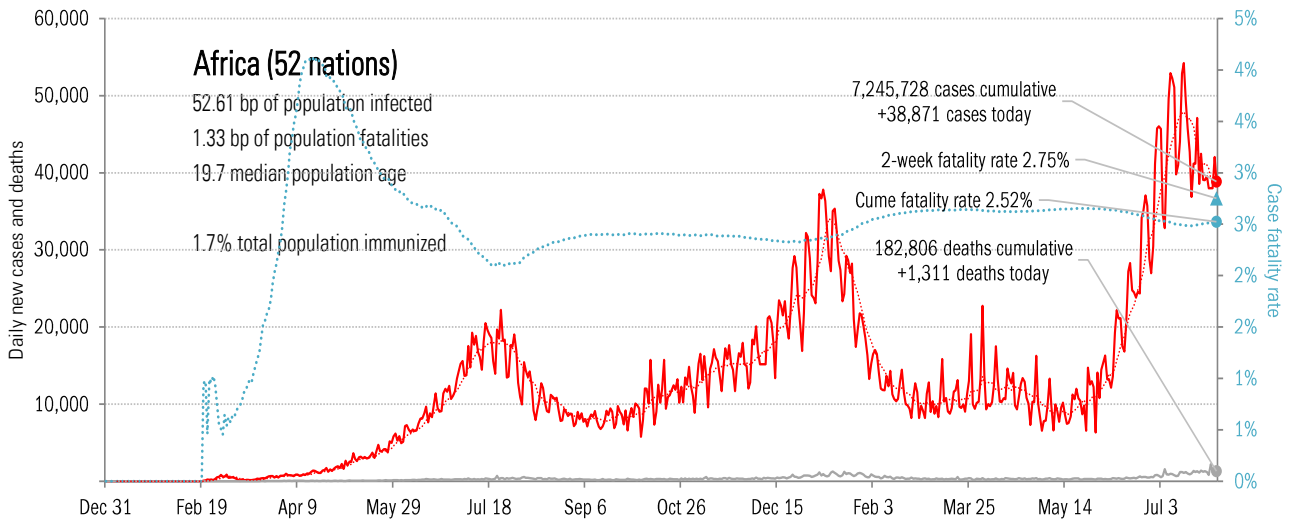
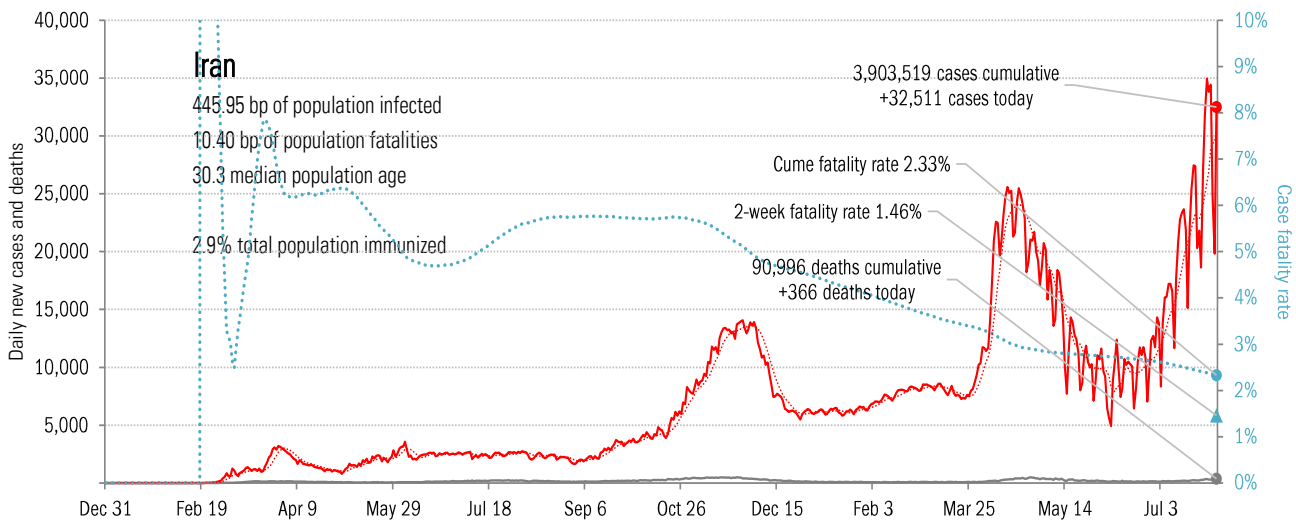
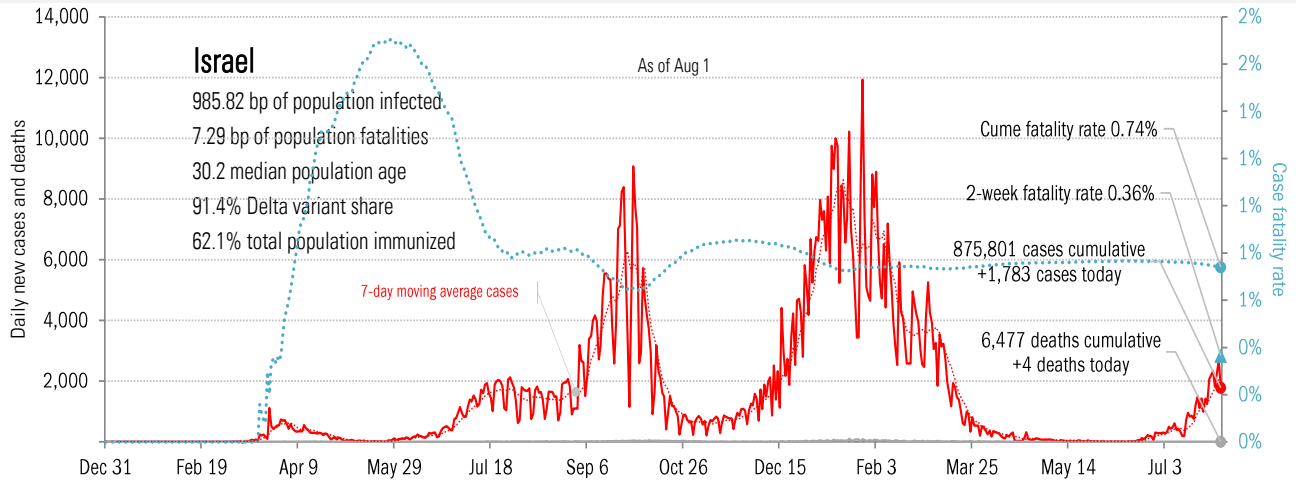
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



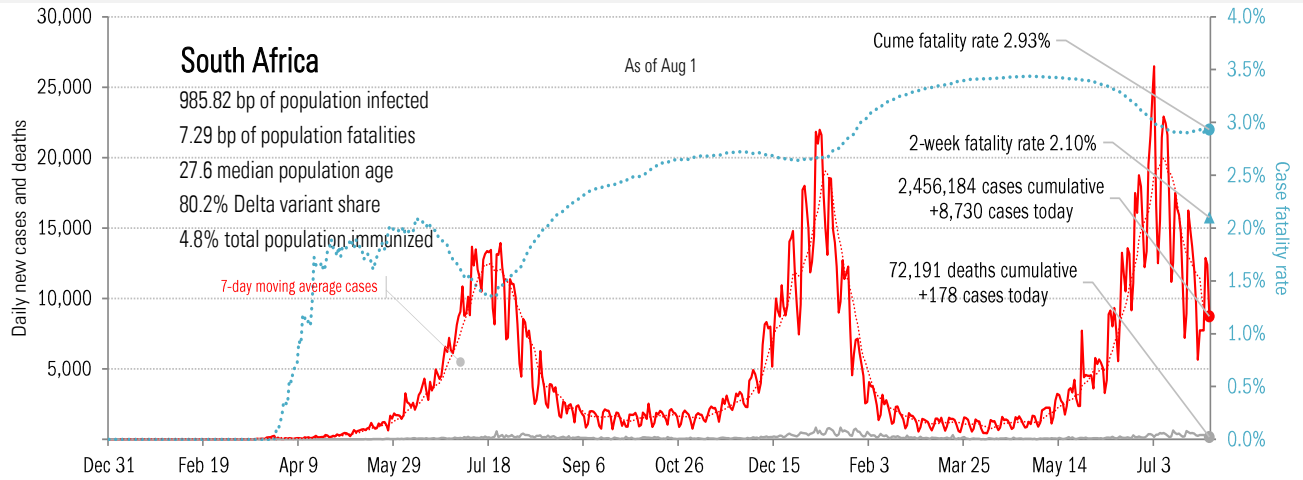
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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