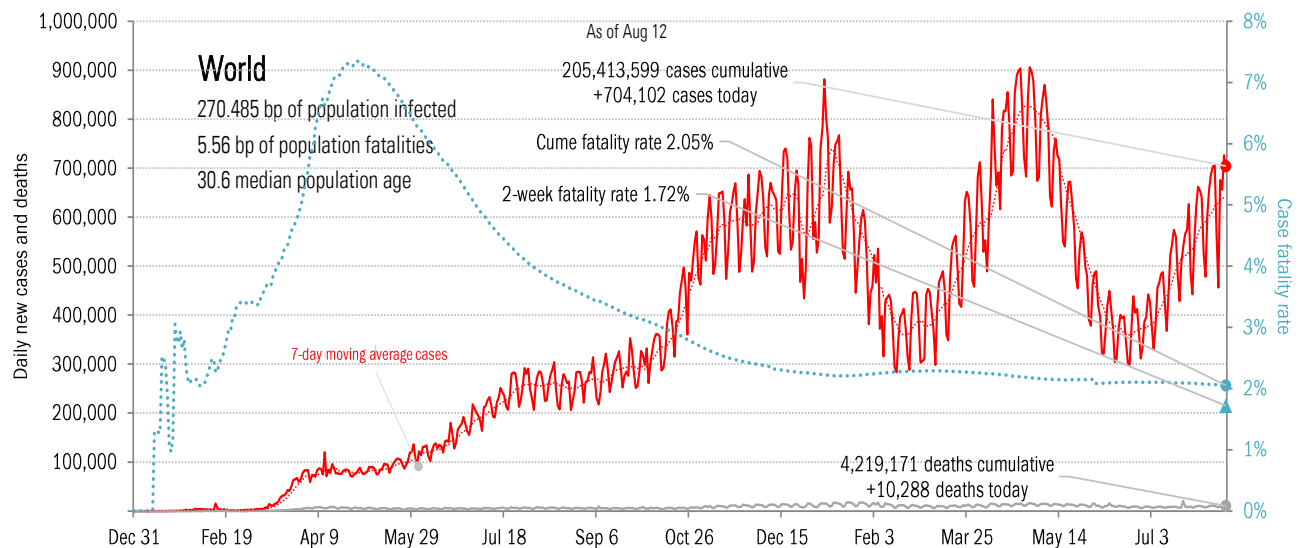
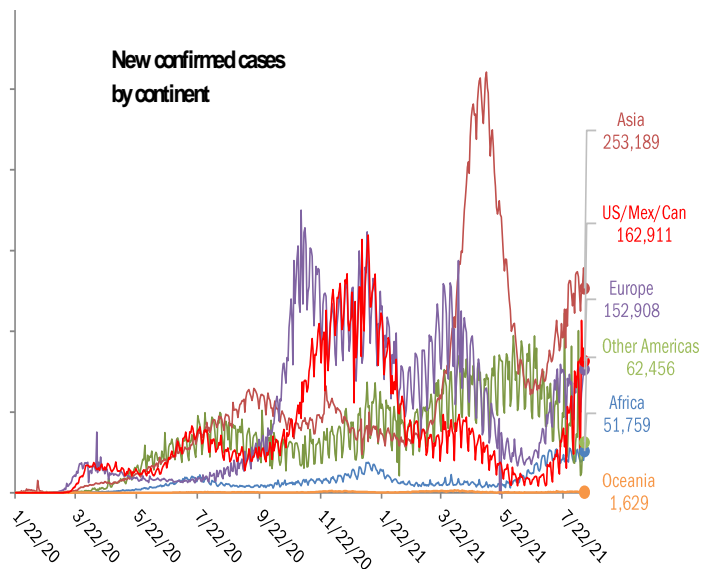


Data Insights: Covid-2019 Monitor

Friday, August 13, 2021

The global scorecard

The worst ten countries			
New cases		New Deaths	
United States	+135,795	Indonesia	+1,466
India	+40,120	Brazil	+1,148
Brazil	+39,982	Russia	+788
Iran	+39,049	United States	+614
United Kingdom	+32,885	Mexico	+608
France	+29,671	India	+585
Mexico	+24,975	Iran	+568
Indonesia	+24,709	South Africa	+473
Thailand	+22,782	Vietnam	+326
Turkey	+22,261	Malaysia	+318
+412,229		+6,894	
World	+704,102	World	+10,288
Top ten	59%	Top ten	67%



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

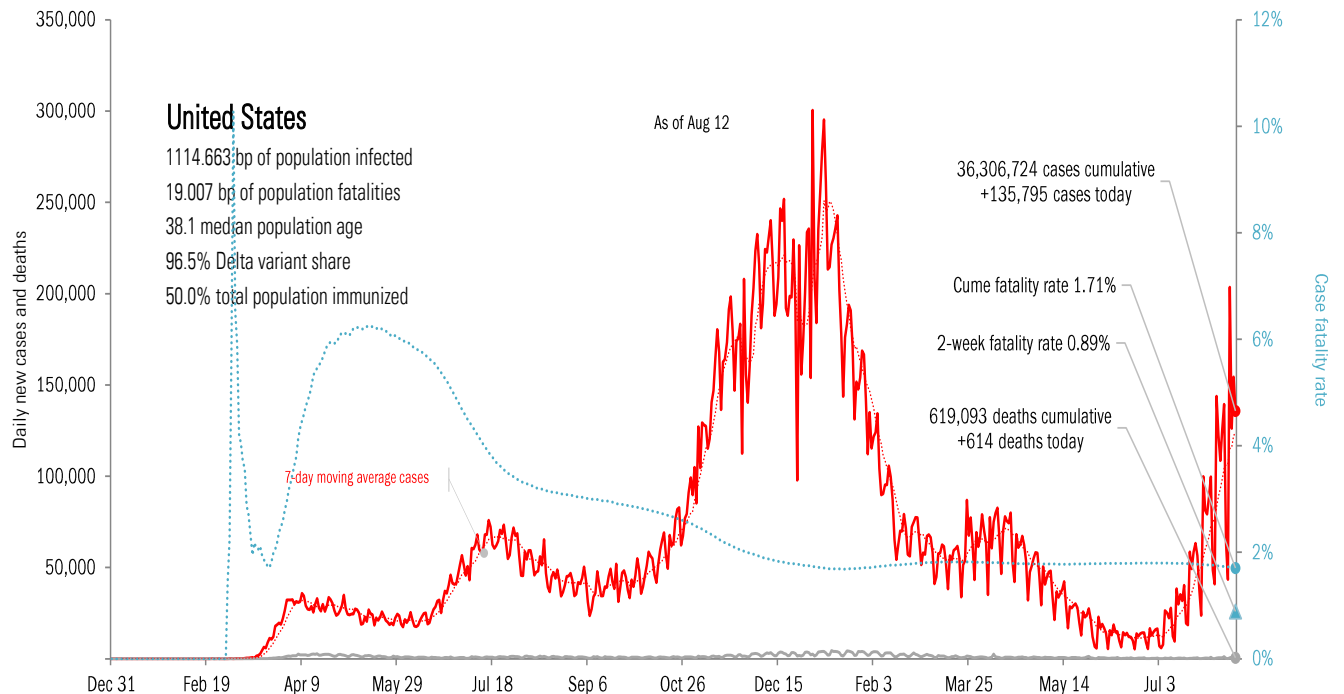
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
FL	+19,250		TX	+118		FL	+441		CA	4,097,958		CA	64,529		TX	280,323		RI	90%	LA	44%
TX	+12,398		FL	+79		TX	+339		TX	3,306,267		TX	54,057		CA	256,280		MA	85%	MS	44%
CA	+9,575		LA	+54		CA	+190		FL	2,768,985		NY	53,828		FL	228,145		MD	84%	FL	43%
GA	+7,016		CA	+36		GA	+100		NY	2,192,224		FL	39,790		NY	140,135		GA	84%	AR	40%
NC	+5,900		AL	+35		AL	+77		IL	1,454,208		PA	27,941		GA	118,586		FL	84%	MO	36%
TN	+5,507		GA	+35		LA	+75		PA	1,248,787		NJ	26,672		PA	93,867		MO	83%	AL	35%
LA	+5,287		NY	+31		KY	+72		GA	1,245,399		IL	26,008		CH	91,093		PA	81%	TX	35%
NY	+4,875		AR	+30		NY	+65		CH	1,152,590		GA	21,929		IL	86,471		SC	80%	OK	32%
MS	+4,412		IL	+24		TN	+61		NC	1,100,786		MI	21,252		KY	83,213		MN	80%	NV	30%
AL	+4,167		NV	+24		NC	+57		NJ	1,055,252		CH	20,580		MI	74,863		NV	79%	GA	30%
+78,387			+466			+1,477			19,622,456			356,586			1,452,976						
All states	+135,795		+693			+2160			All states	36,306,724		619,093			2,580,757			All states	70%	67%	
Top ten	58%		67%			68%			Top ten	54%		58%			56%			Median	73%	14%	

Some states not reporting

Five most improved US states

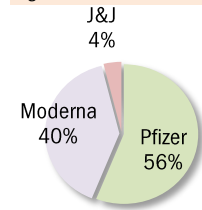
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TX	-9,009	OK	-63	MO	-133	MO	+20 bp
IA	-4,872	KS	-35	GA	-71	MP	+20 bp
MI	-3,322	MI	-24	LA	-67	SC	+20 bp
KS	-2,707	IA	-17	SC	-63	AL	+10 bp
CA	-2,176	IN	-13	AR	-47	AR	+10 bp



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	363,904,090		+0.671 million		US	50.0%	58.8%	
	One dose	% Pop	Immune	% pop	New immune today	UK	58.9%	69.5%
Total population	201,348,541	60%	171,690,627	51%	+0.256 million	France	51.4%	67.4%
Age 12 to 17	11,060,545	46%	8,180,577	34%	+0.053 million	Spain	62.5%	73.1%
Age 18 to 64	138,098,339	68%	117,100,862	58%	+0.173 million	Germany	56.2%	62.5%
Age 65 and over	51,211,443	94%	45,601,614	83%	+0.030 million	Italy	56.7%	66.8%
						Australia	19.5%	37.2%
						Israel	62.5%	67.4%
						Canada	63.1%	72.4%
						Japan	36.7%	48.8%
						Africa	2.1%	4.1%
						India	8.5%	29.5%
						Brazil	22.7%	54.6%
						China	15.5%	43.2%



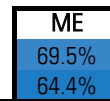
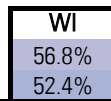
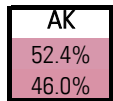
State
At least partial immunity as % population
Full immunity as % population



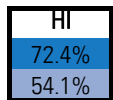
Every American >18 immune in **180 days** by Feb 8, 2022
 63.0% of population >18 immunized
 12.4% previously tested positive
75.4% vs 60% adult herd immunity*

As of Aug 12

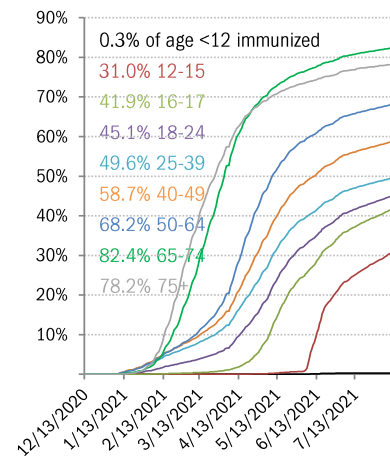
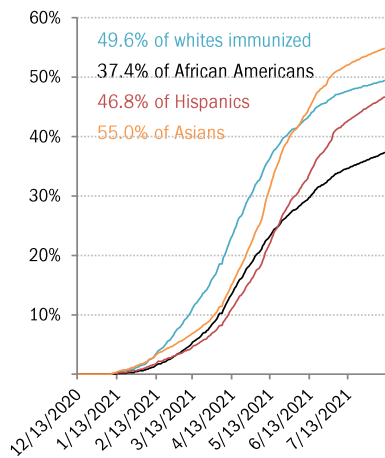
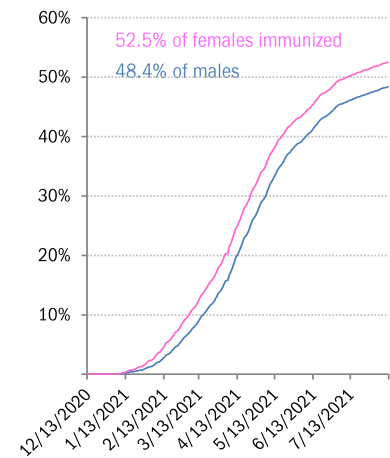
Global data differs from sources, timing



WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
65.3%	42.1%	50.5%	46.4%	60.1%	63.8%	54.0%	64.8%	74.8%	65.5%	
58.5%	37.9%	44.8%	40.5%	54.4%	49.4%	49.4%	58.1%	66.8%	58.7%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
61.8%	55.5%	42.9%	54.1%	54.5%	48.3%	50.9%	67.0%	67.5%	73.7%	
56.6%	45.5%	37.3%	47.7%	50.2%	44.9%	47.1%	53.3%	59.3%	64.6%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
66.4%	53.8%	61.5%	55.4%	50.5%	53.9%	46.4%	63.2%	66.1%	71.3%	69.0%
53.9%	45.8%	55.2%	50.2%	42.6%	46.4%	39.2%	55.4%	59.7%	64.1%	62.4%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	54.4%	67.1%	54.9%	49.9%	46.5%	52.8%	48.5%	65.4%	62.0%	
	46.0%	58.1%	46.1%	38.0%	39.8%	44.5%	41.4%	55.9%	53.5%	
			OK	LA	MS	AL	GA			
			50.0%	45.7%	42.7%	45.8%	48.1%			
			41.1%	37.9%	35.5%	35.1%	39.4%			
			TX					FL		PR
			53.8%					60.4%		70.1%
			44.8%					49.9%		60.9%



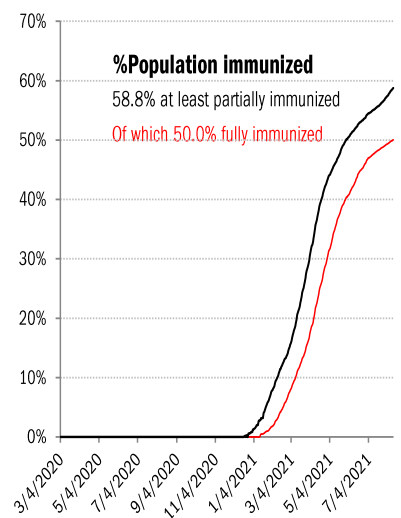
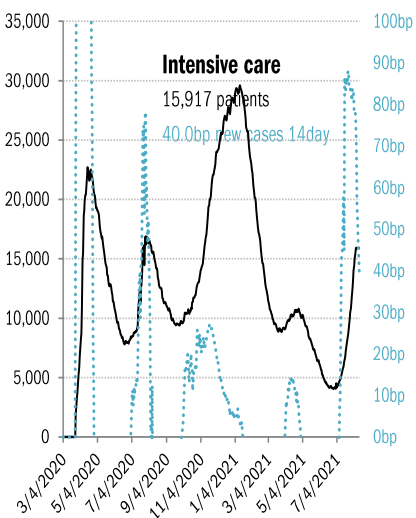
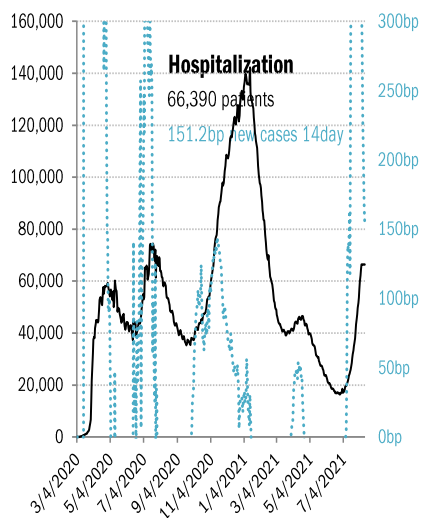
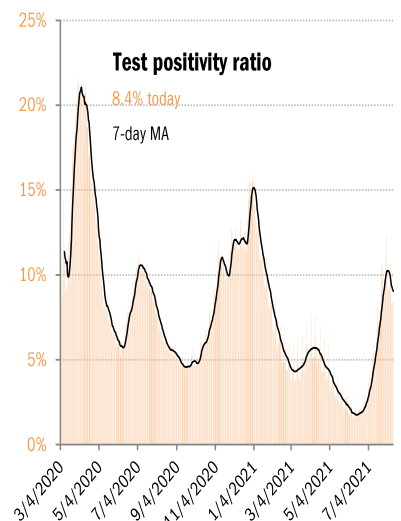
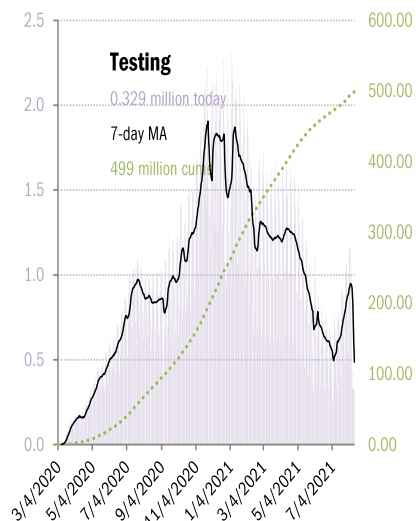
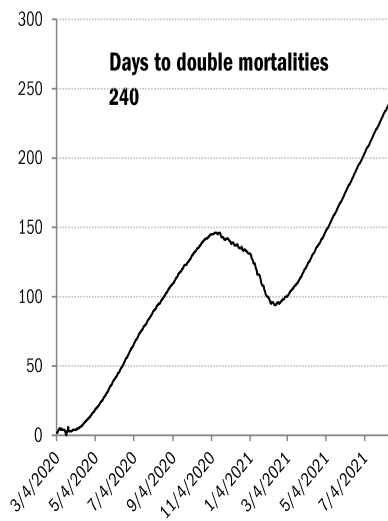
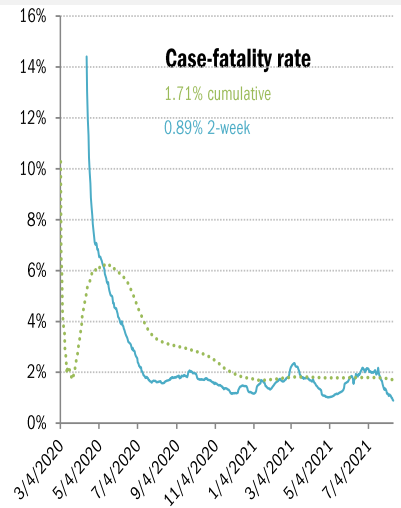
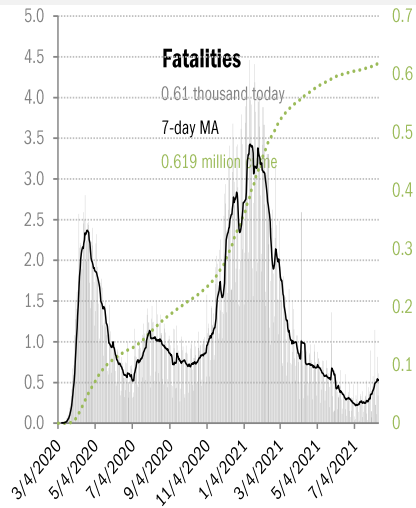
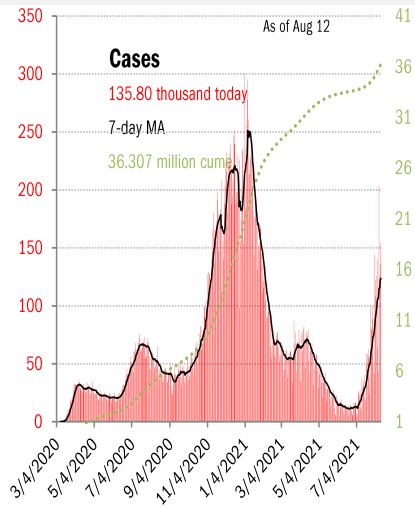
The demographics of US vaccination



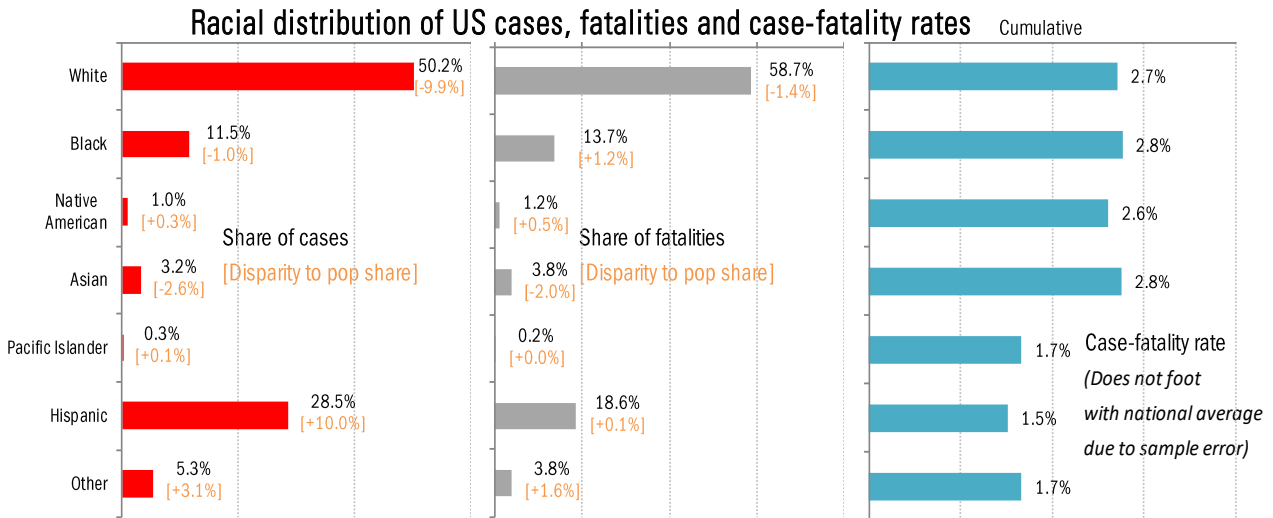
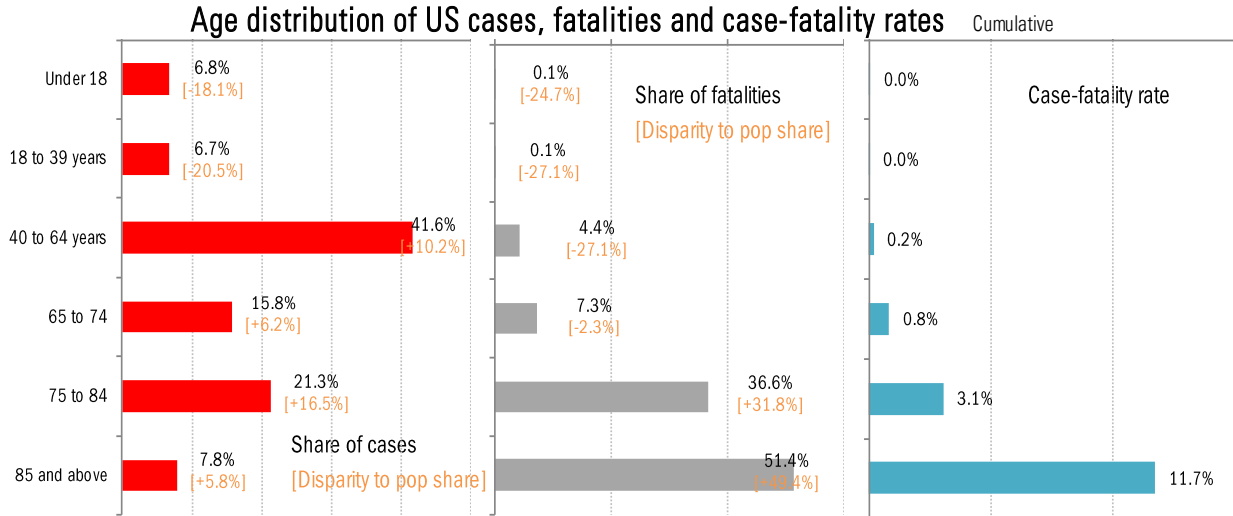
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

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

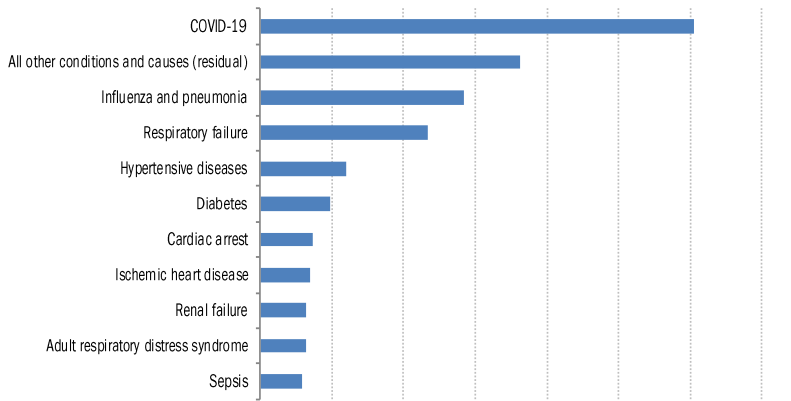


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Aug 1

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 sounds alarm: 2 dead in US from disease never seen outside tropics](#)

Hannah Sparks
New York Post
August 10, 2021

[Texas Governor Ramps Up Fight as Resistance to Mask Ban Spreads](#)

Laurel Brubaker Calkins
Bloomberg
August 11, 2021

[The massive change in consumer attitudes as the vaxed pull back](#)

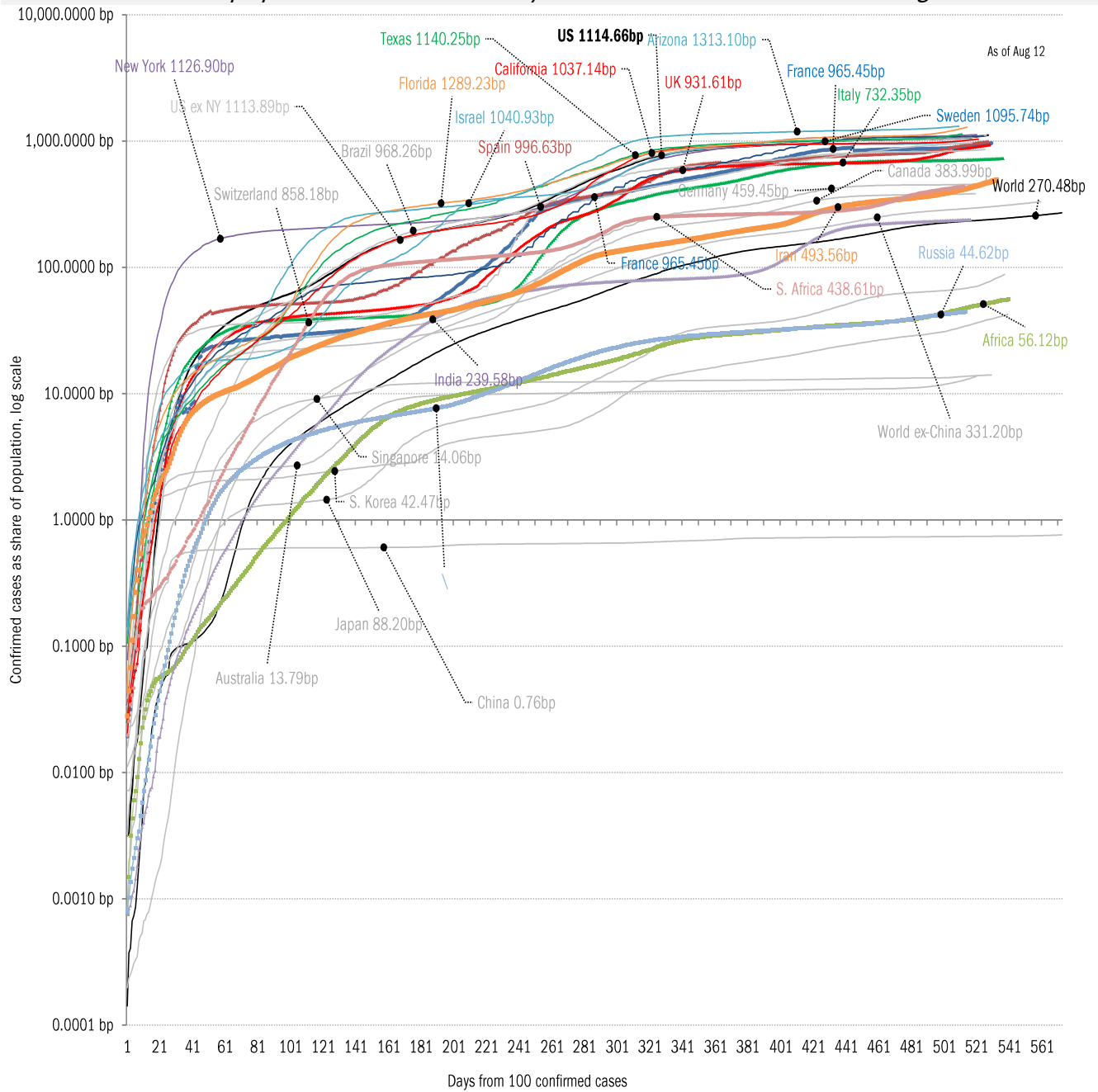
Jason Brown
Ipsos
August 10, 2021

Meme of the day



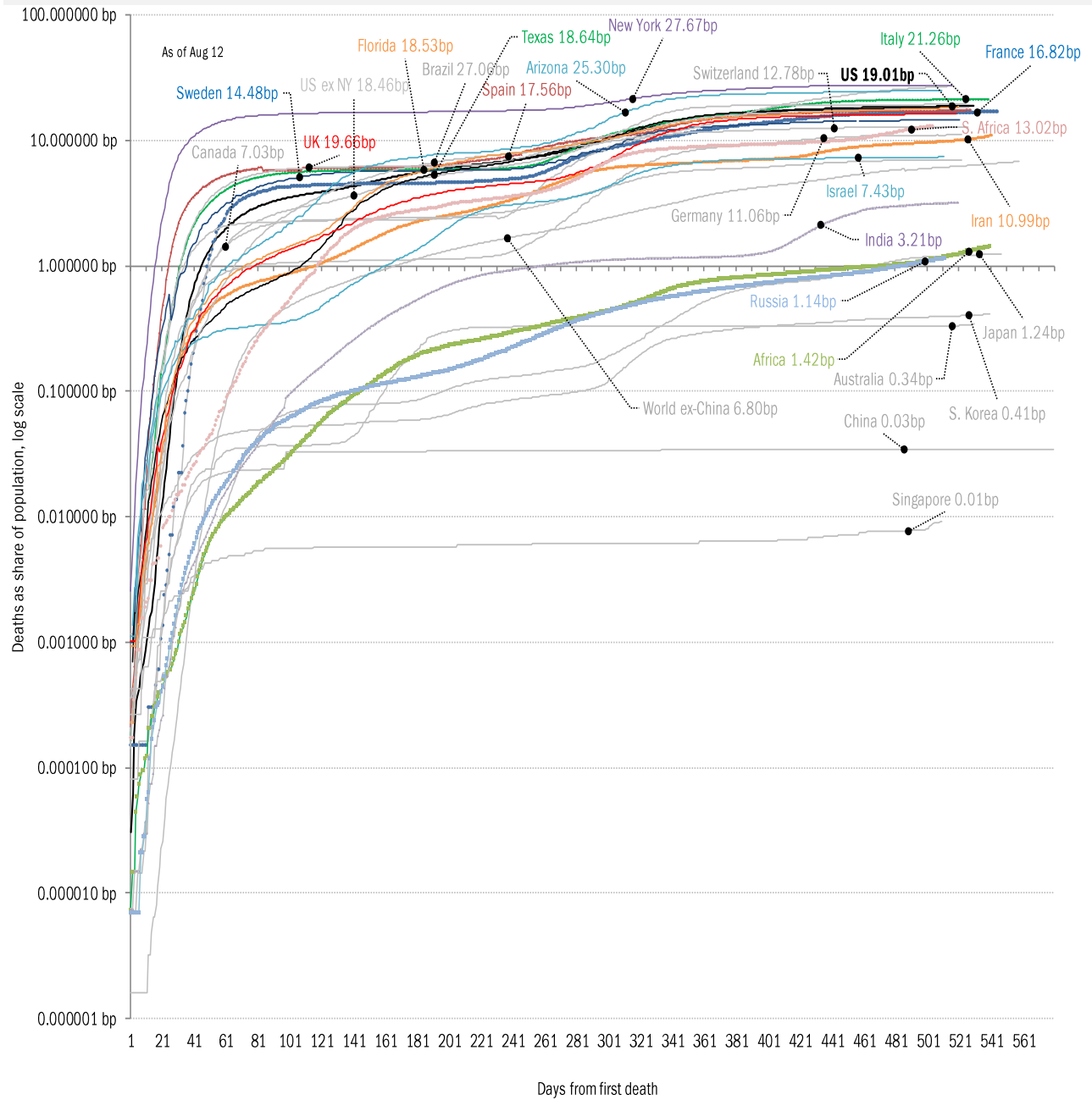
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

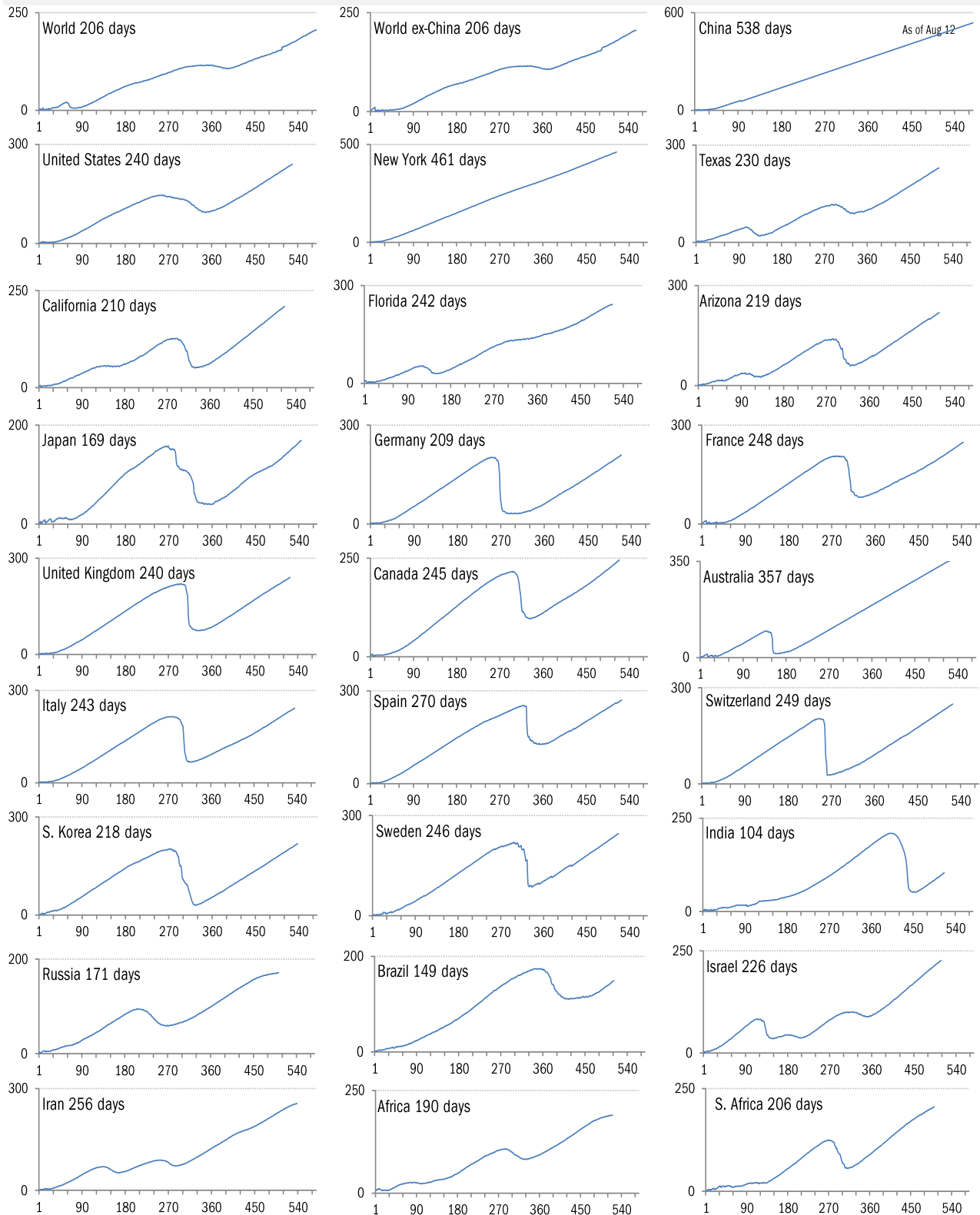


Source: [Johns Hopkins](#), TrendMacro calculations

"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

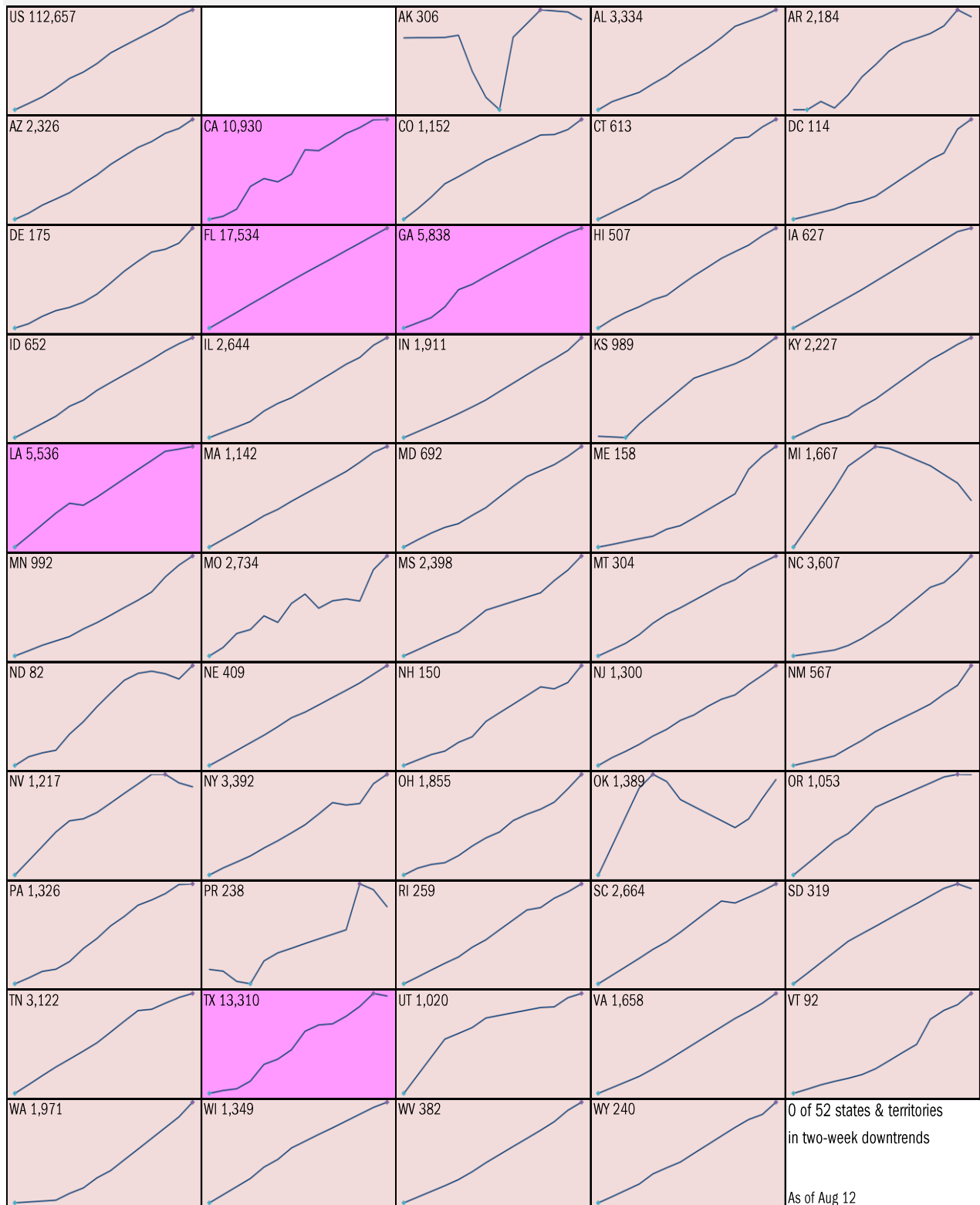


Source: [Johns Hopkins](#), TrendMacro calculations

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

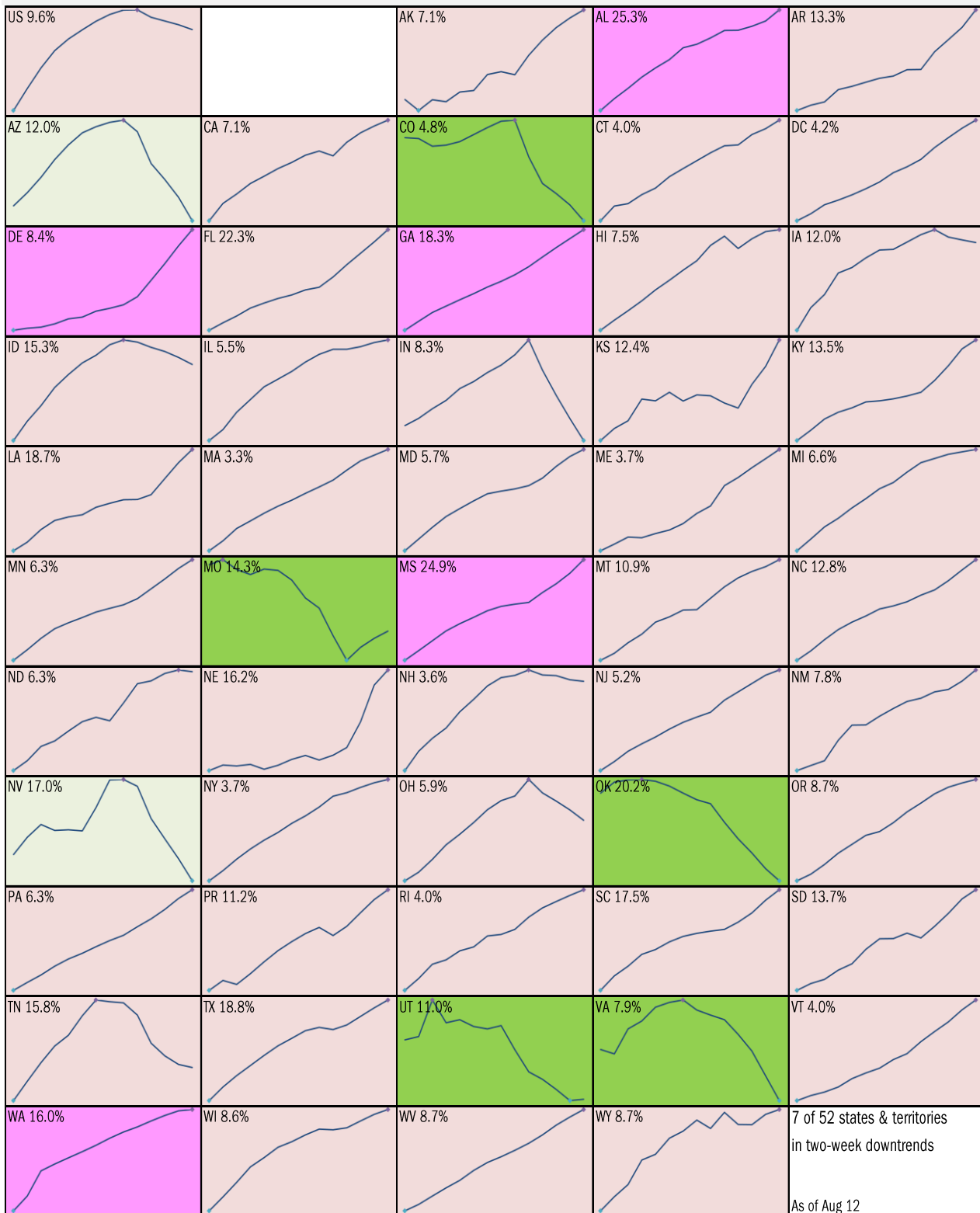


Source: [Johns Hopkins](#), TrendMacro calculations

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

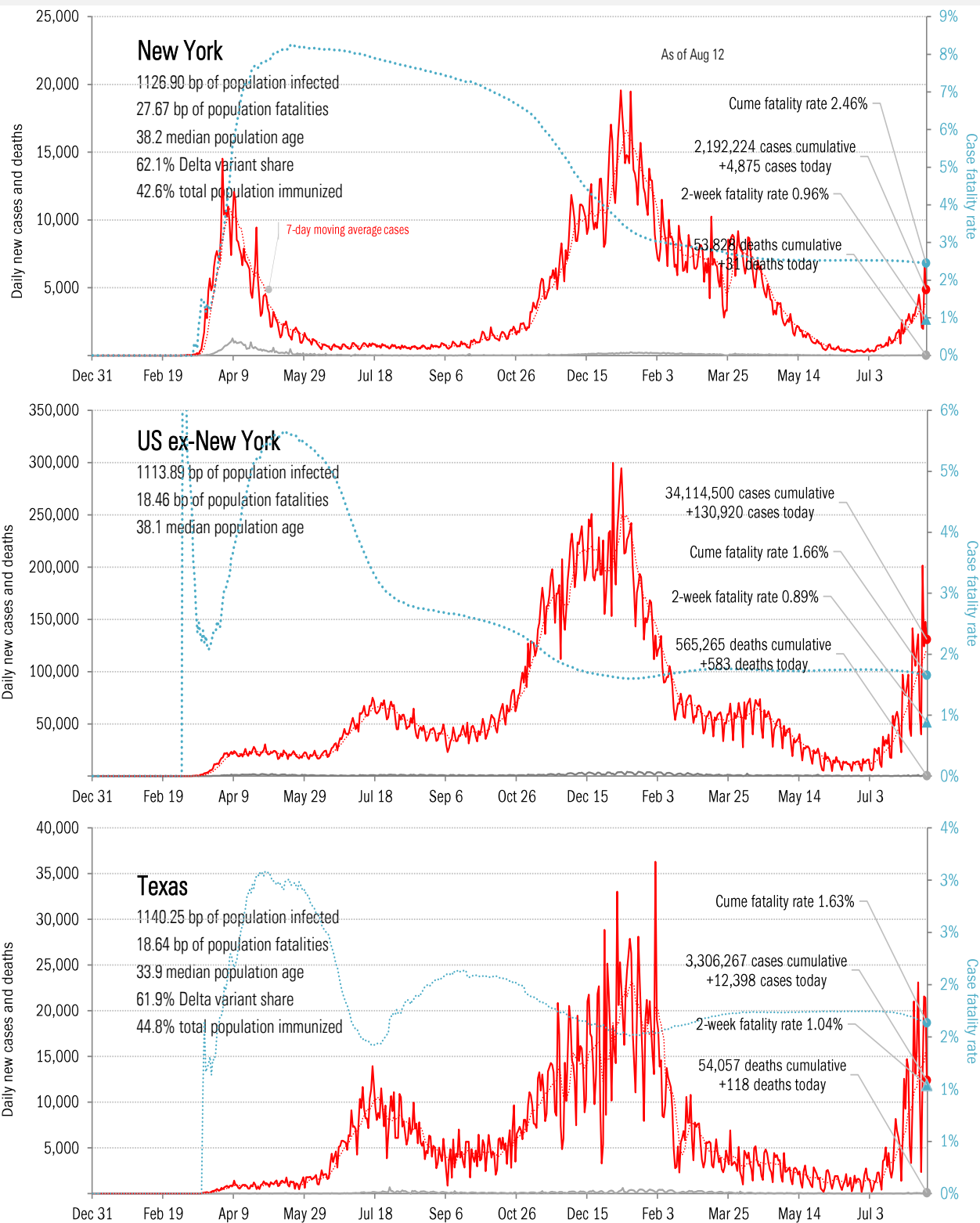
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



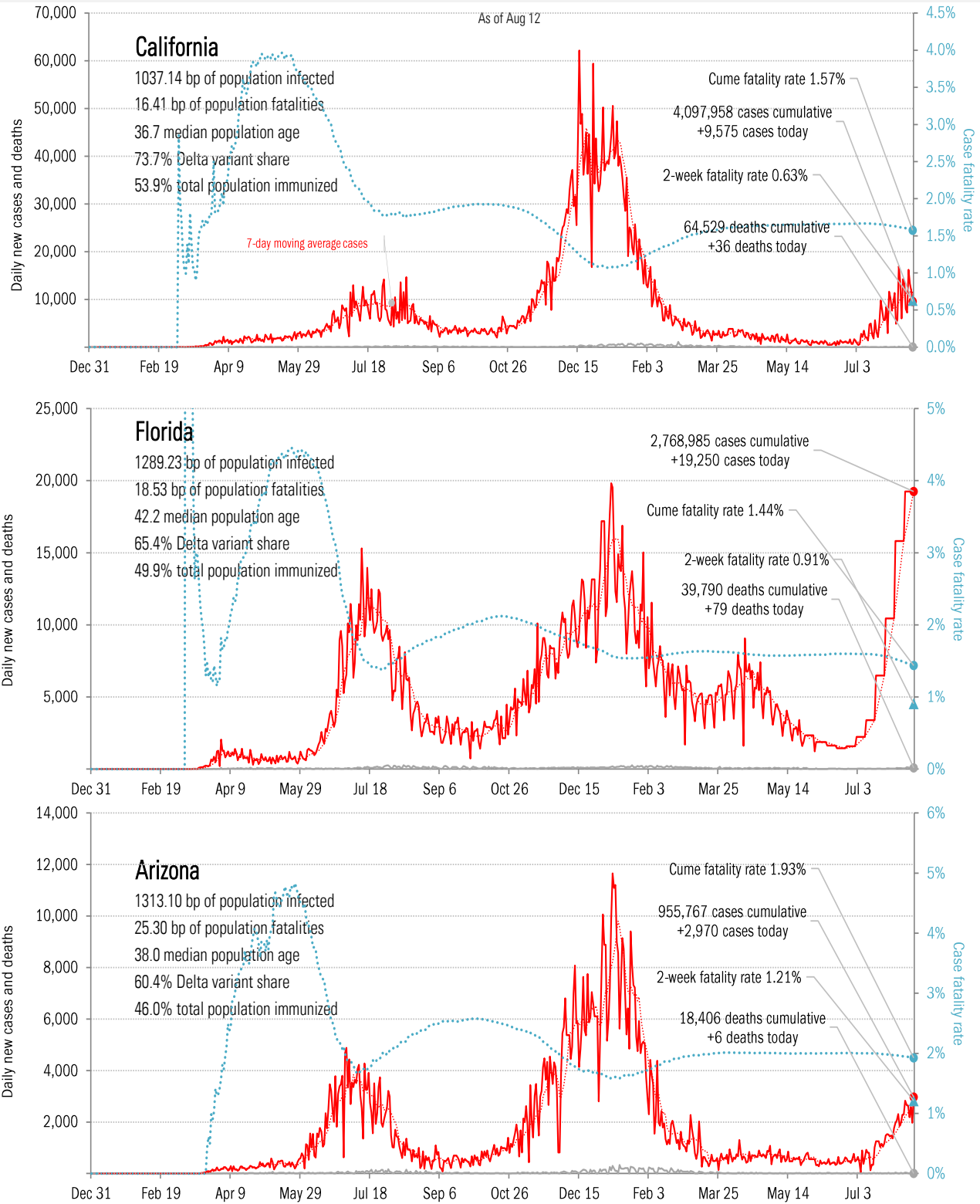
Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande



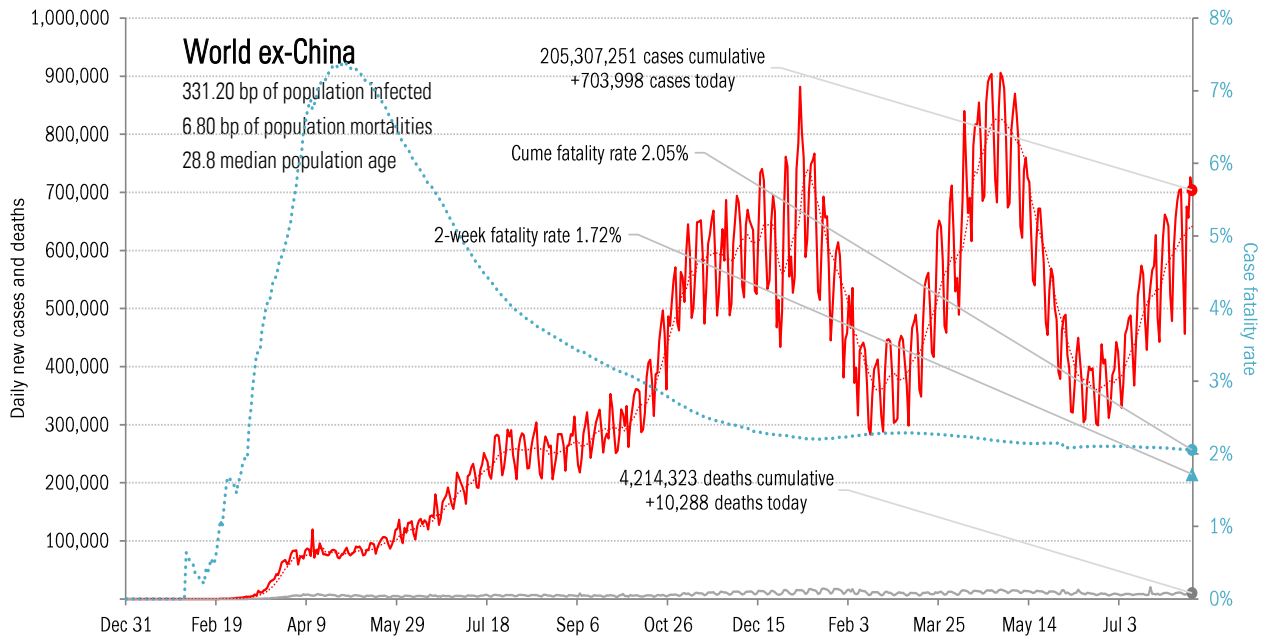
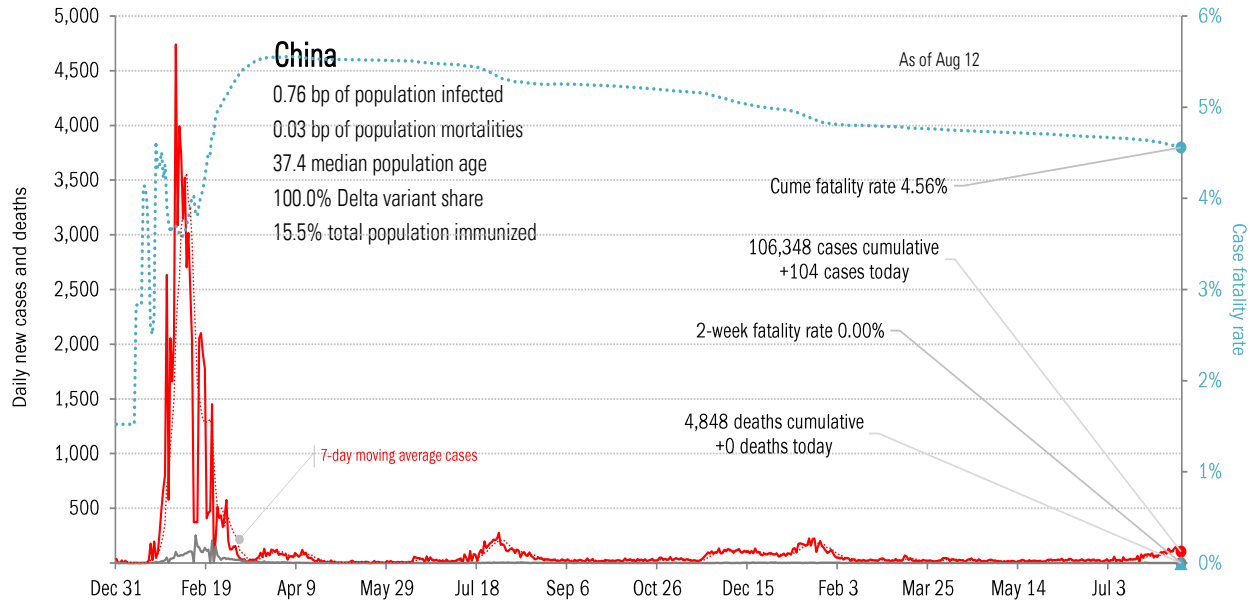
Source: [Johns Hopkins](#), TrendMacro calculations

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



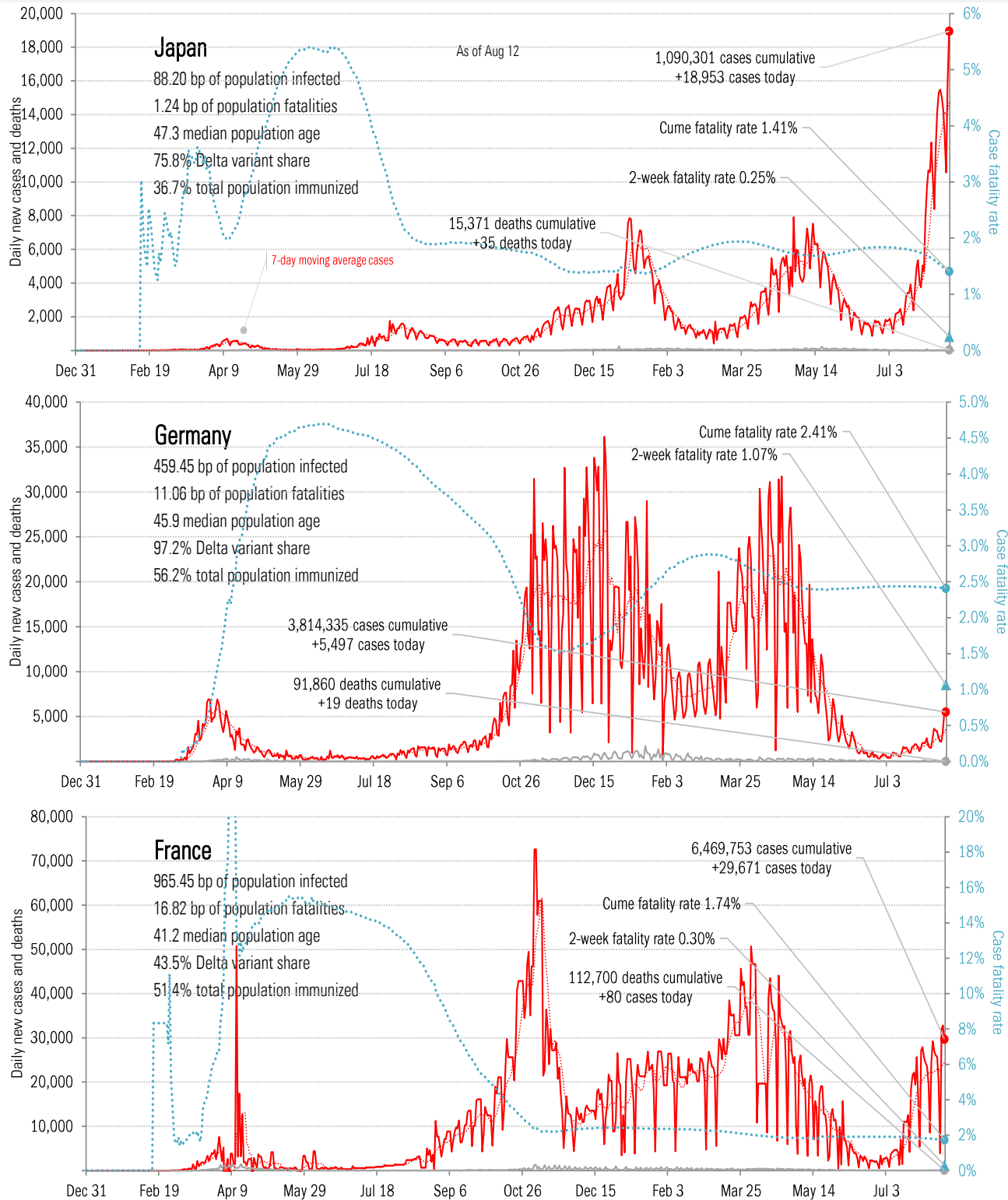
Source: [Johns Hopkins](#), TrendMacro calculations

Patient zero... and then everyone else



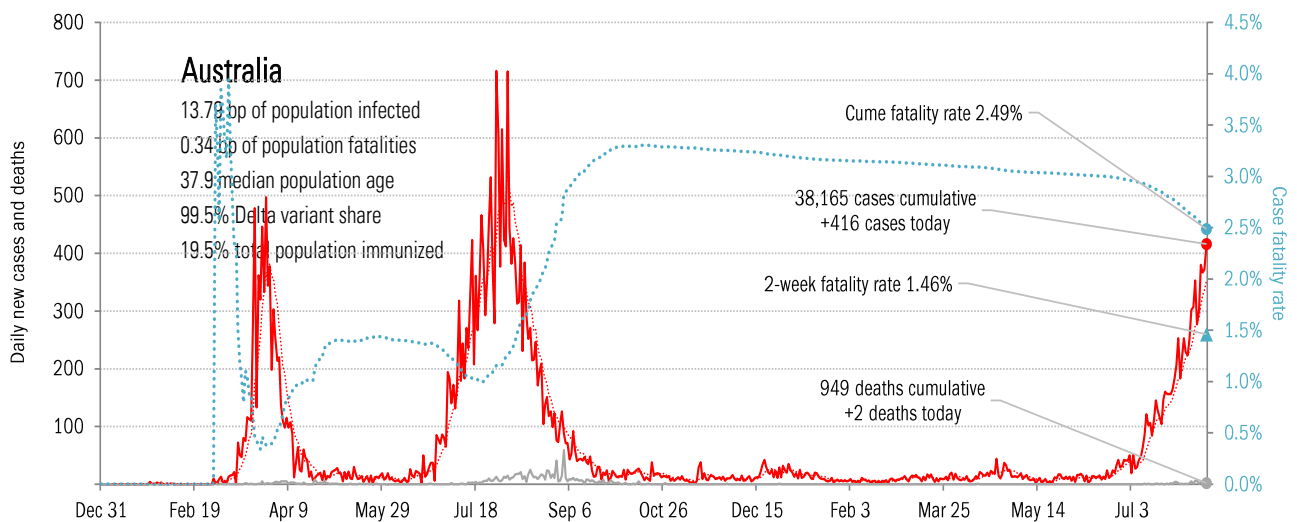
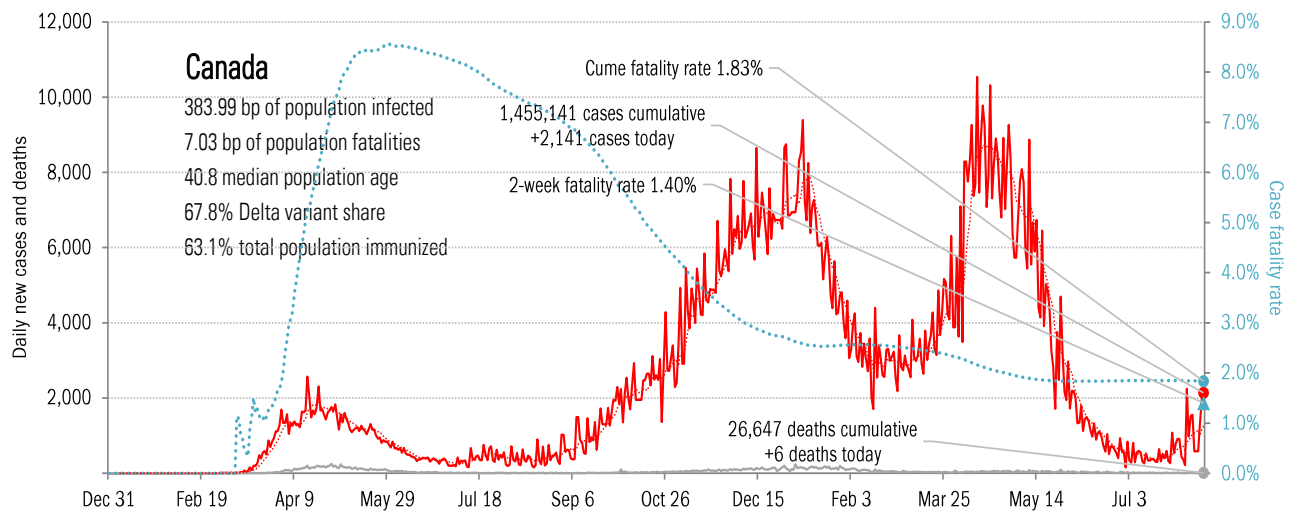
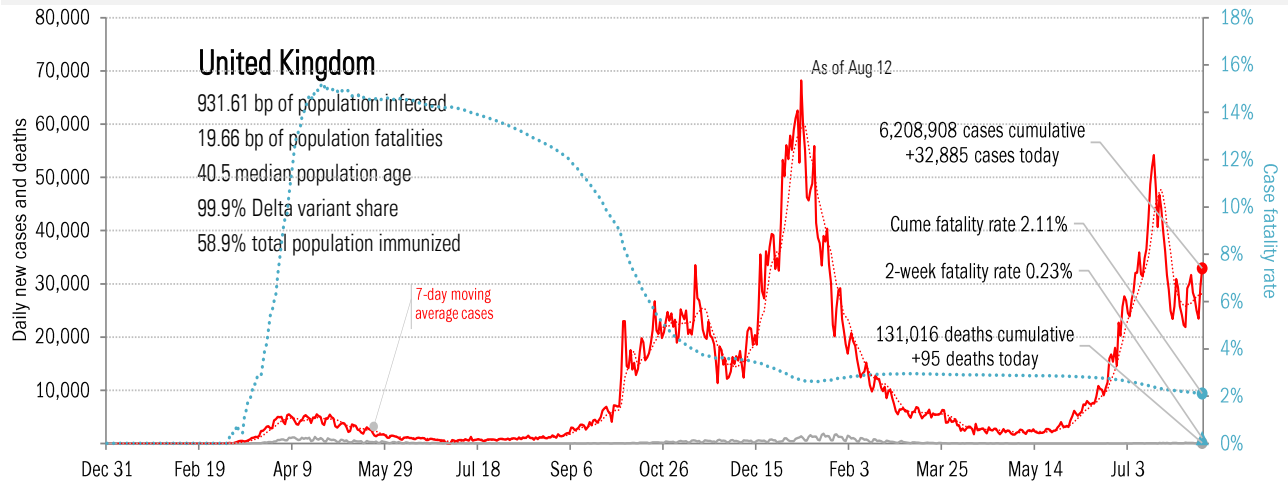
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the largest economies



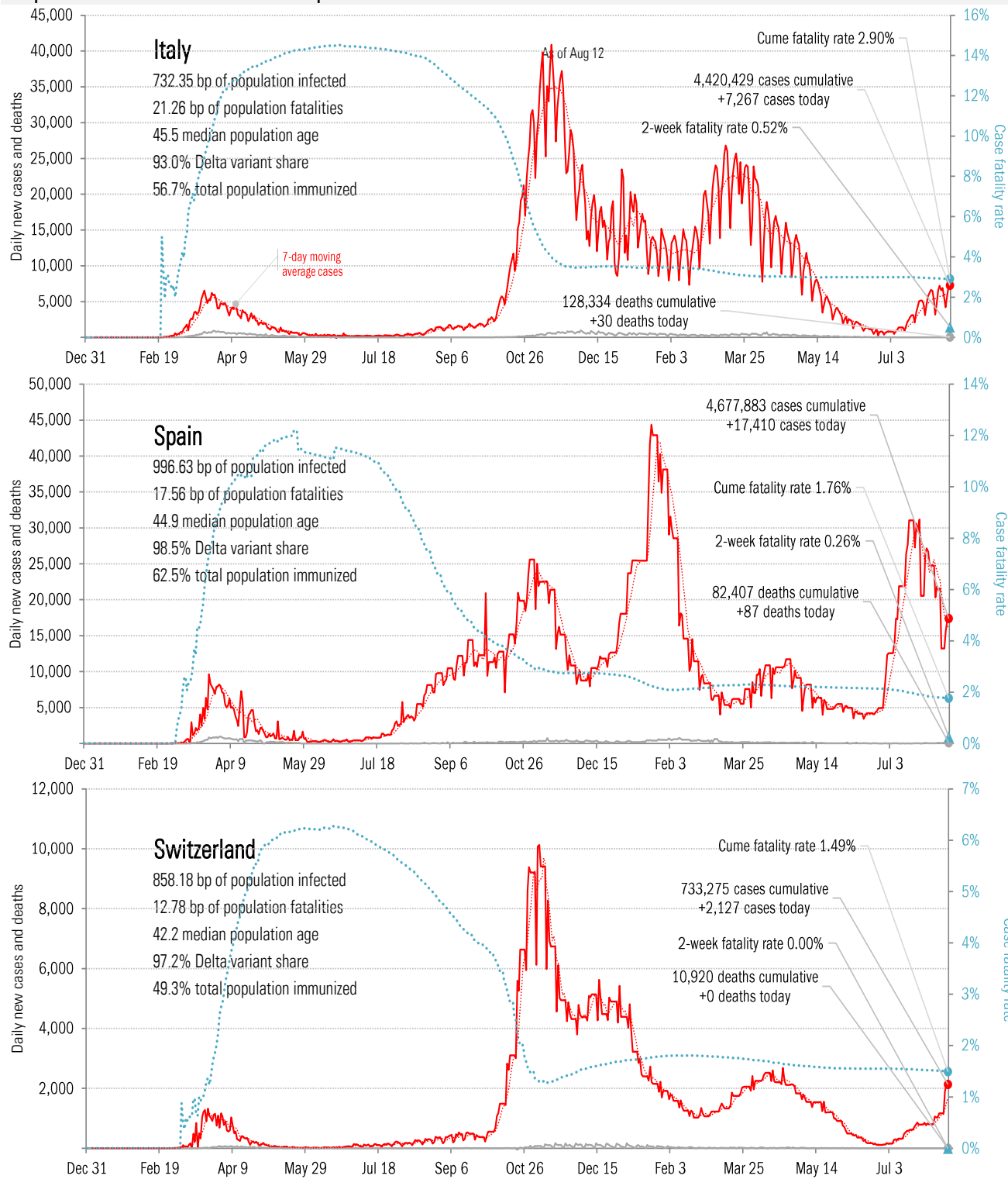
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



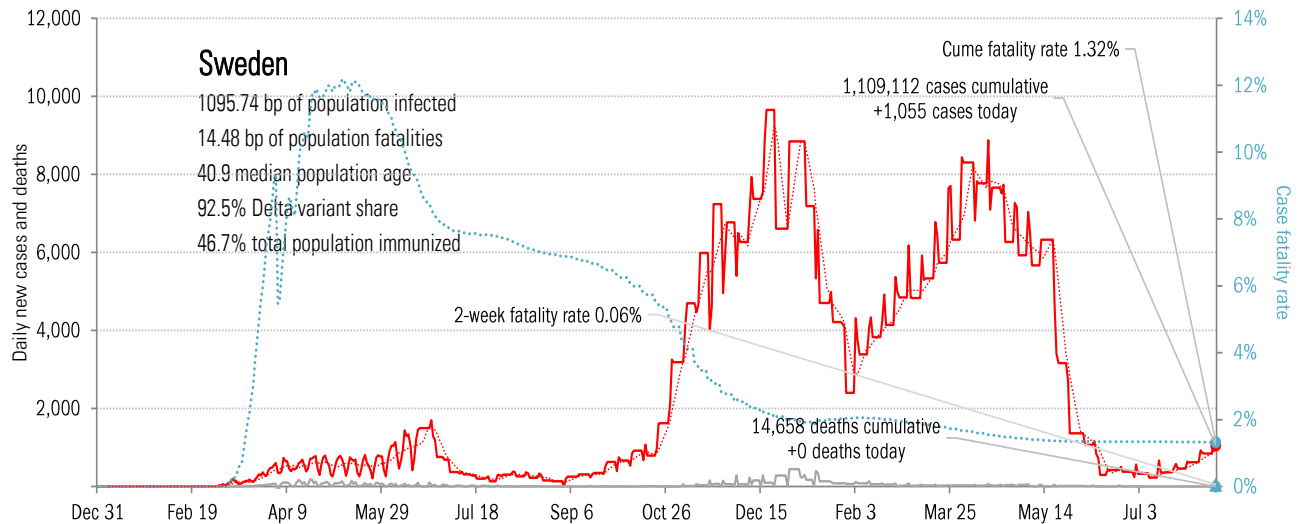
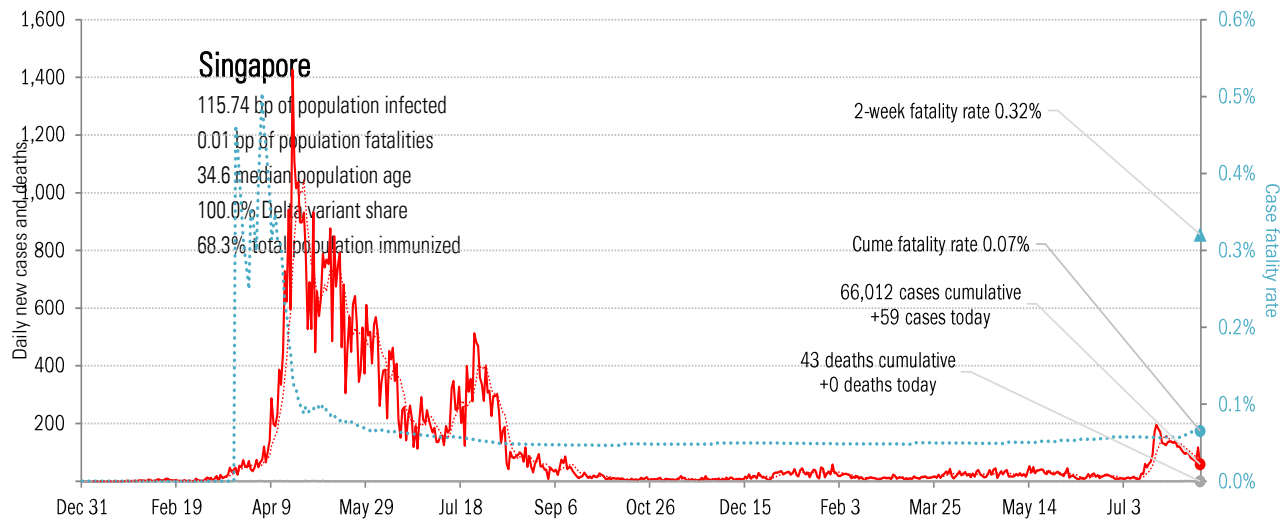
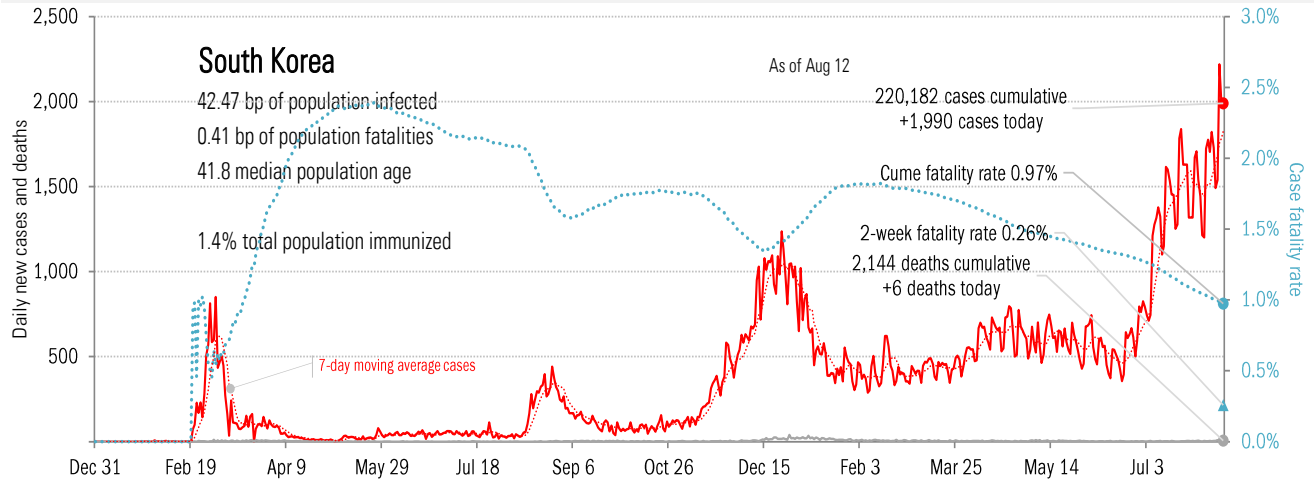
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



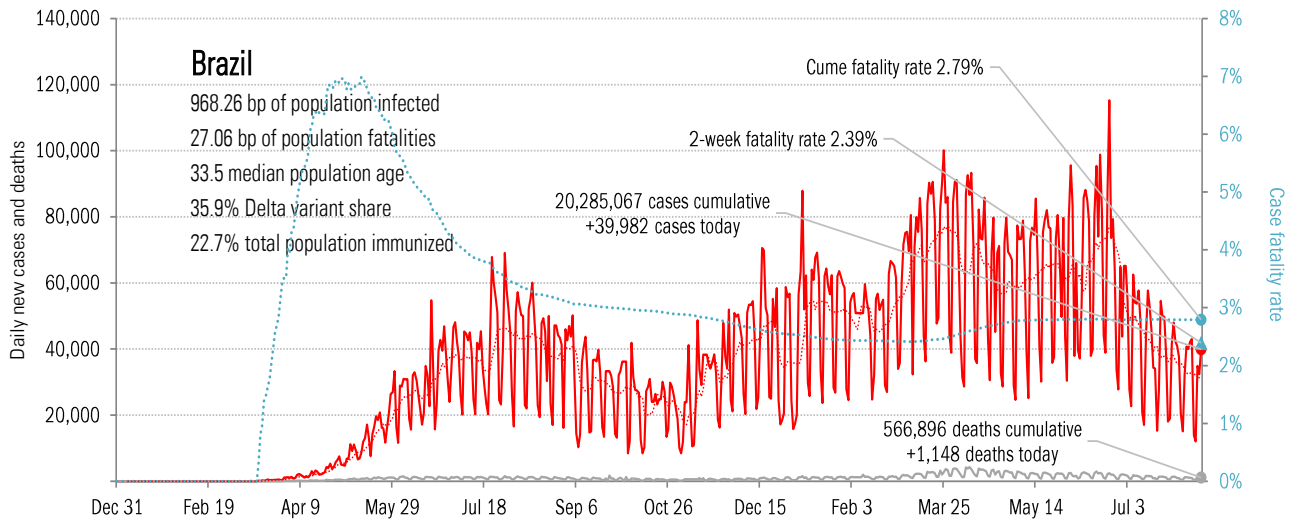
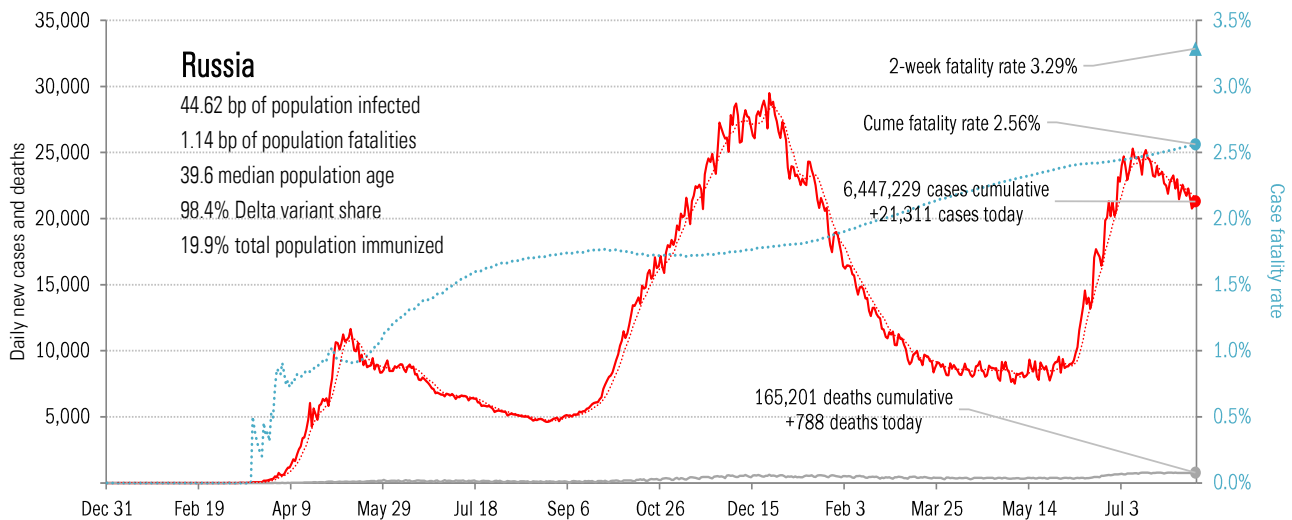
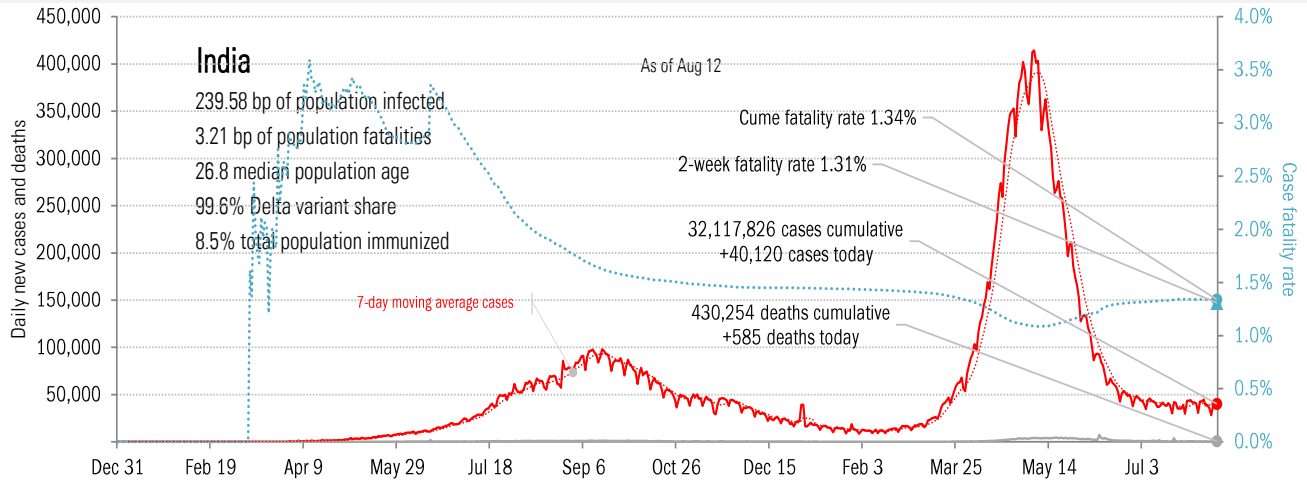
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



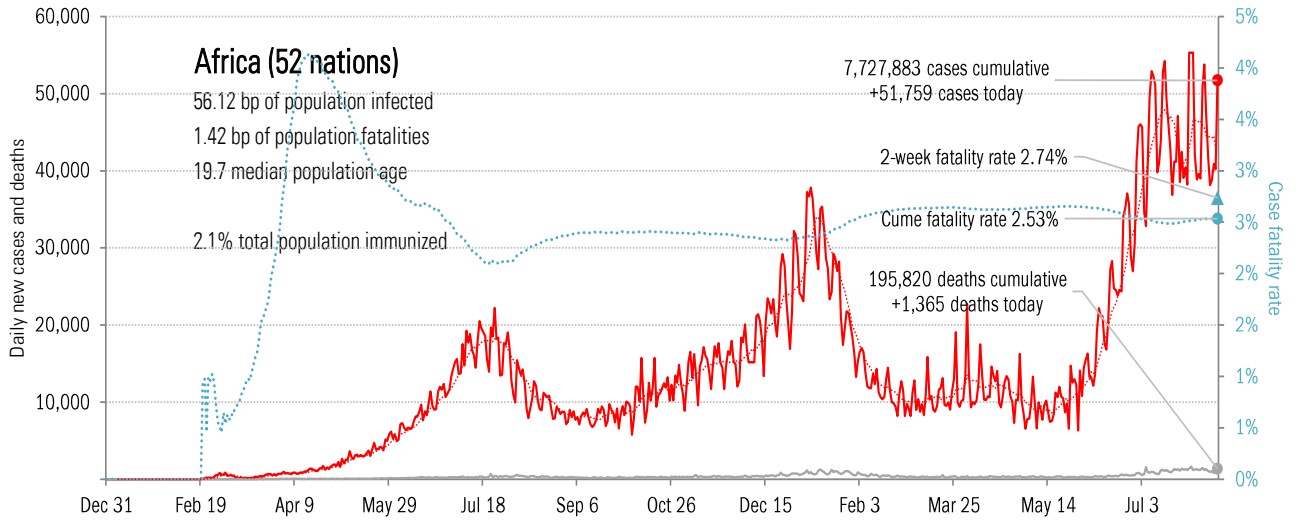
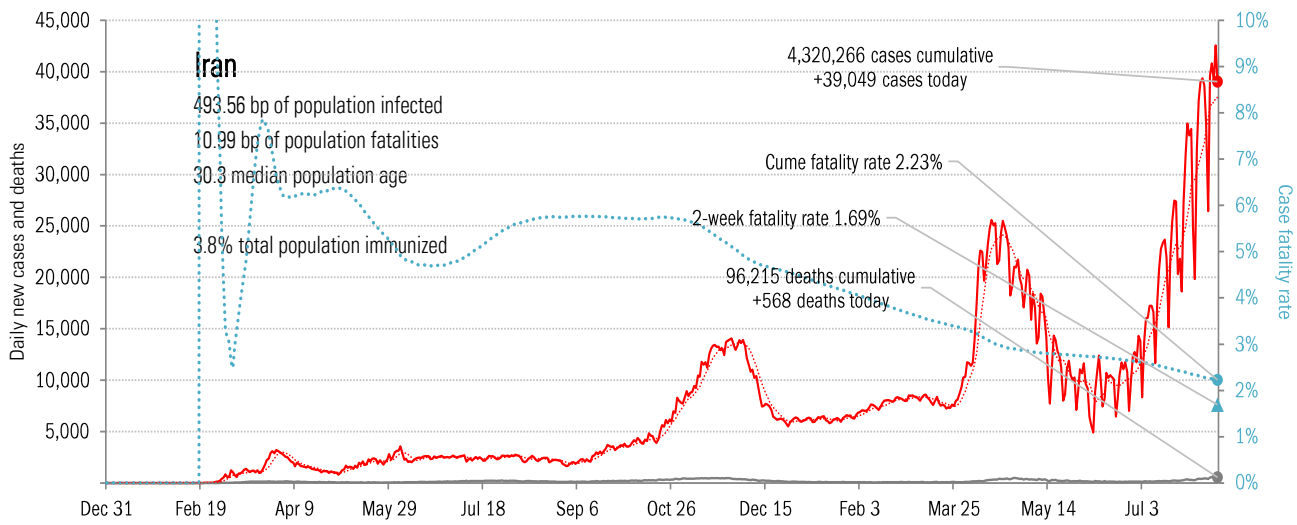
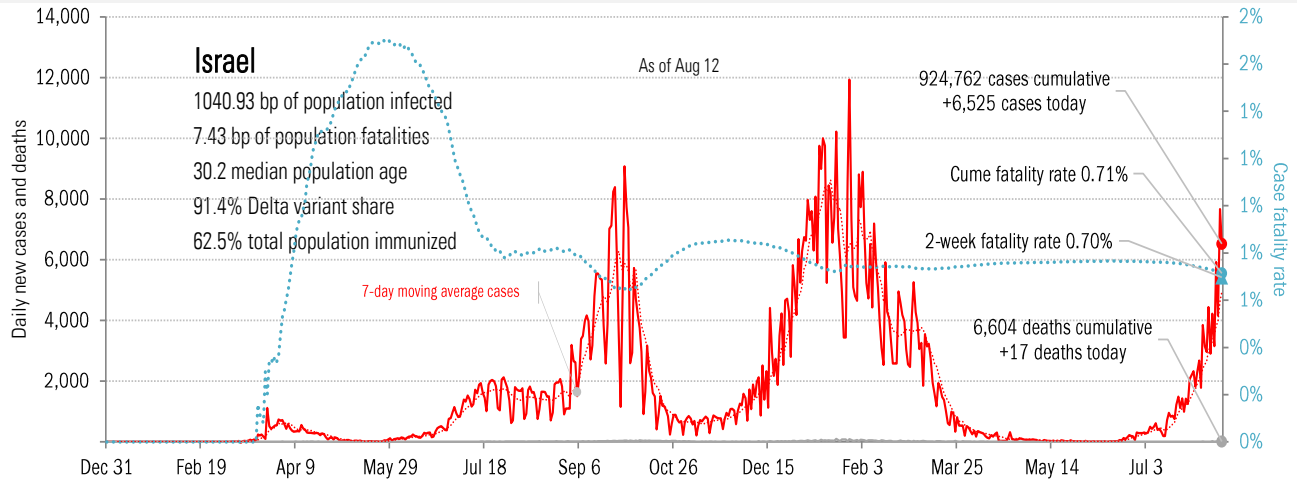
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



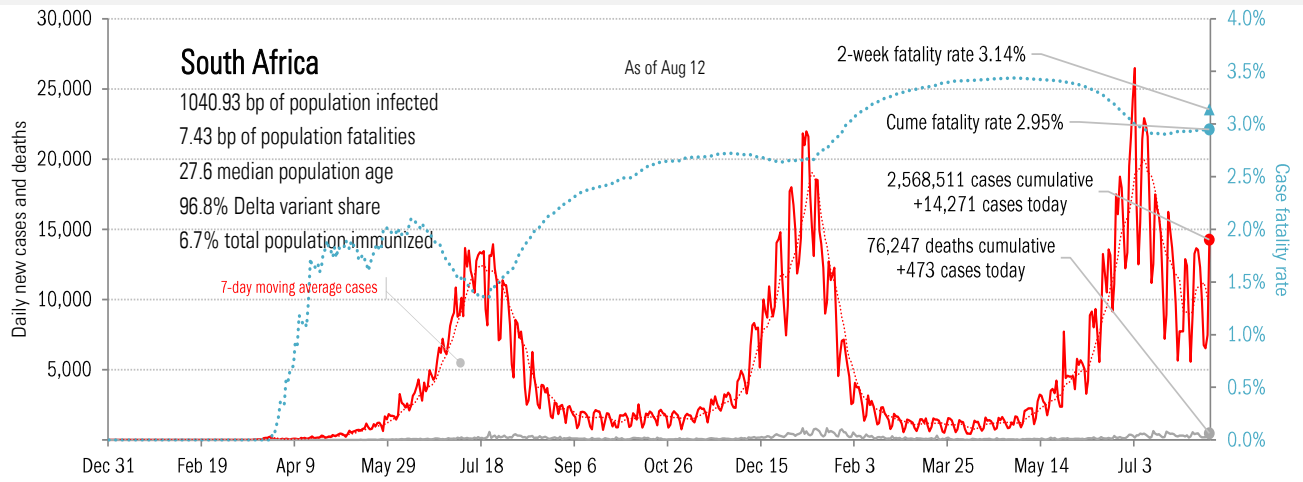
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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