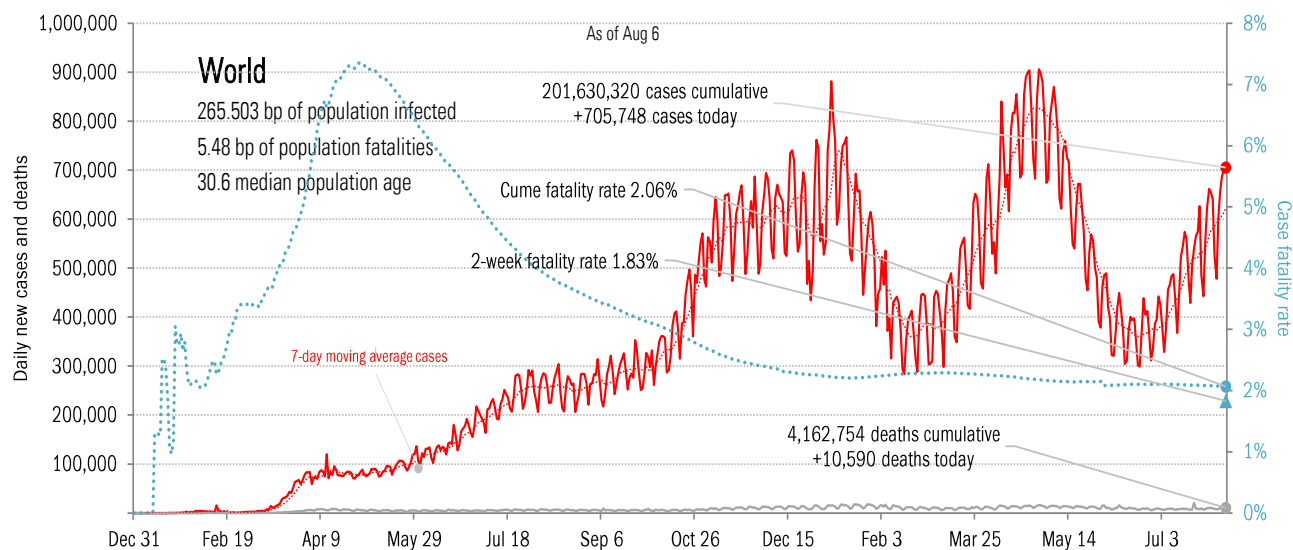
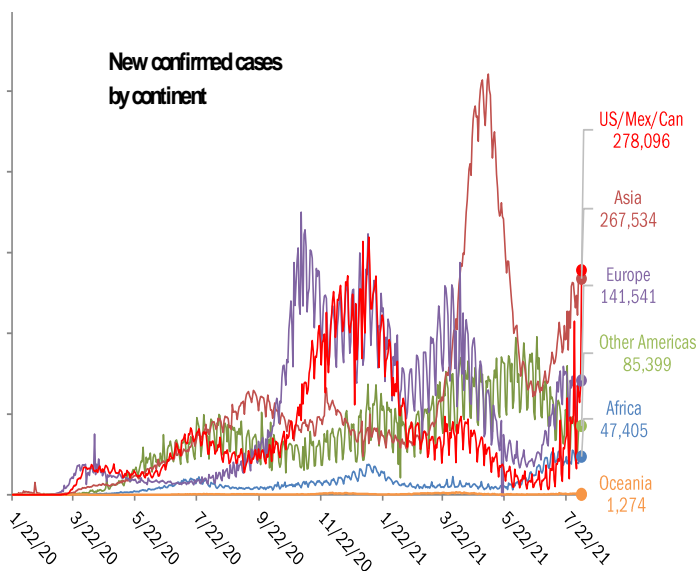


## Data Insights: Covid-2019 Monitor

Saturday, August 7, 2021

### The global scorecard

The worst ten countries			
New cases		New Deaths	
United States	+139,480	Indonesia	+1,635
Brazil	+42,159	United States	+1,173
Indonesia	+39,532	Brazil	+1,056
India	+38,628	Russia	+771
Iran	+34,913	India	+617
United Kingdom	+31,633	Mexico	+568
France	+26,006	South Africa	+479
Turkey	+23,957	Iran	+458
Russia	+22,073	Vietnam	+296
Mexico	+21,563	Burma	+274
<b>+419,944</b>		<b>+7,327</b>	
World	+705,748	World	+10,590
Top ten	60%	Top ten	69%



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

#### For more information contact us:

Donald Luskin: 312 273 6766 [don@trendmacro.com](mailto:don@trendmacro.com)  
 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

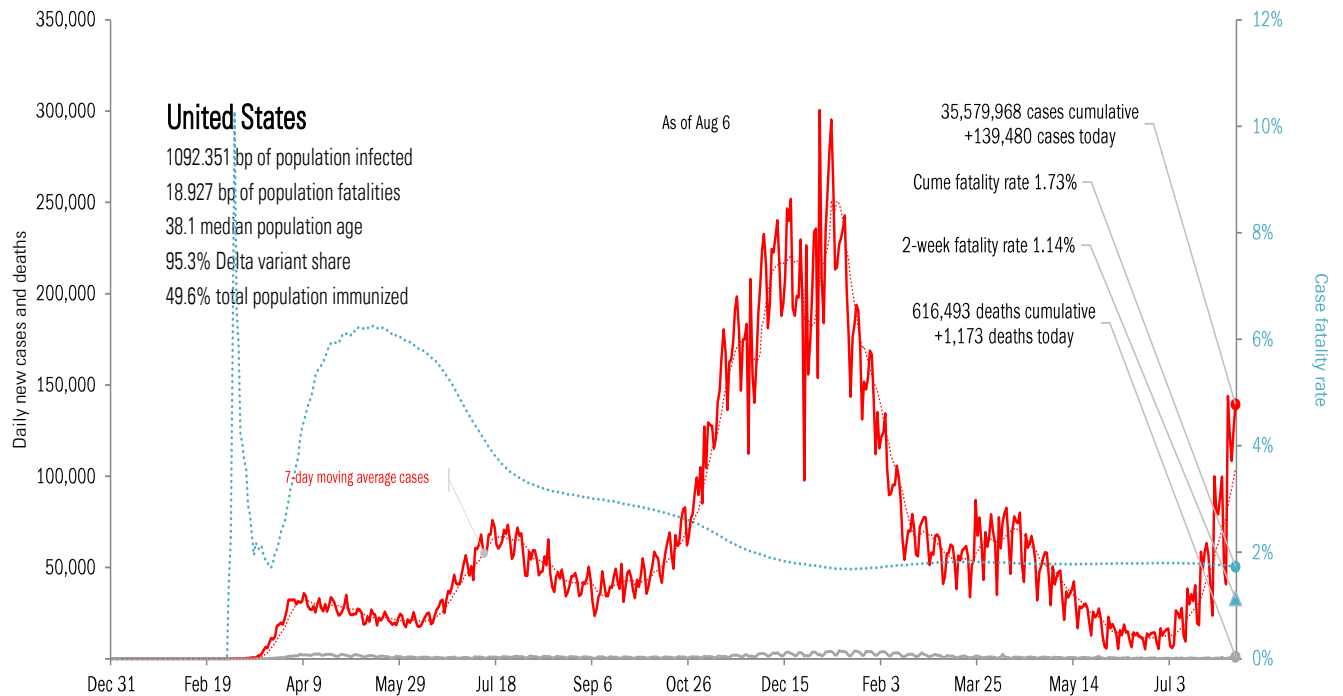
## The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	+23,096		TX	+69		FL	+472		CA	4,031,815		CA	64,731		TX	270,711		RI	91%	MO	35%
FL	+19,250		LA	+48		GA	+263		TX	3,224,572		NY	53,694		CA	251,233		MO	85%	AR	33%
CA	+13,769		FL	+48		CA	+214		FL	2,653,484		TX	53,607		FL	214,283		MA	85%	FL	32%
LA	+6,116		AZ	+42		RI	+161		NY	2,168,589		FL	39,188		NY	138,937		MD	84%	MS	30%
GA	+6,005		CA	+37		TX	+151		IL	1,436,353		PA	27,898		GA	115,329		FL	84%	LA	27%
MI	+4,514		GA	+35		AZ	+86		PA	1,238,552		NJ	26,636		PA	93,172		GA	84%	NV	26%
NC	+4,506		TN	+29		AL	+83		GA	1,211,439		IL	25,936		CH	90,172		PA	82%	AK	26%
TN	+3,925		AL	+26		LA	+82		CH	1,138,600		GA	21,802		IL	85,162		SC	81%	TX	24%
NY	+3,739		NV	+26		MO	+70		NC	1,071,137		MI	21,221		KY	81,384		CT	81%	OK	24%
AL	+3,685		CH	+26		SC	+61		NJ	1,046,514		CH	20,556		MI	74,303		NV	80%	AL	23%
+88,605			+386			+1,643			19,221,055			355,269			1,414,686						
All states	+139,480		+605			+2302			All states	35,579,968		616,493			2,517,114			All states	70%	67%	
Top ten	64%		64%			71%			Top ten	54%		58%			56%			Median	73%	11%	

Some states not reporting

## Five most improved US states

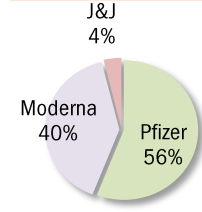
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
KS	-2,008	CA	-37	TX	-127	FR	+30 bp
MS	-1,070	KS	-15	FL	-66	WY	+30 bp
MO	-882	FL	-13	NJ	-42	DC	+20 bp
WA	-577	NC	-12	NC	-37	MP	+20 bp
CA	-490	NY	-12	CO	-24	AL	+10 bp



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	359,769,056		+0.837 million		US	49.6%	57.9%	
	One dose	% Pop	Immune	% pop	New immune today	UK	57.5%	69.2%
Total population	198,577,419	59%	170,230,236	51%	+0.286 million	France	49.4%	65.1%
Age 12 to 17	11,263,782	45%	8,553,055	34%	+0.055 million	Spain	60.4%	70.9%
Age 18 to 64	136,076,087	67%	116,075,814	57%	+0.197 million	Germany	53.7%	61.8%
Age 65 and over	51,012,802	93%	45,471,066	83%	+0.034 million	Italy	54.7%	65.1%
						Australia	17.2%	34.9%
						Israel	62.3%	67.1%
						Canada	61.3%	72.0%
						Japan	32.9%	45.9%
						Africa	1.9%	3.8%
						India	8.0%	28.3%
						Brazil	20.8%	51.5%
						China	15.5%	43.2%



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



Every American >18 immune in **150 days** by Jan 2, 2022  
 62.6% of population >18 immunized  
 12.1% previously tested positive  
**74.7%** vs 60% adult herd immunity\*

As of Aug 6

Global data differs from sources, timing

AK
52.0%
45.8%

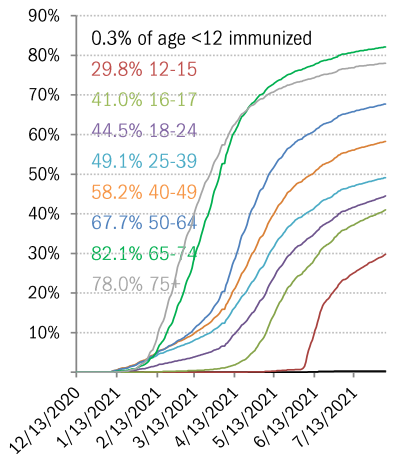
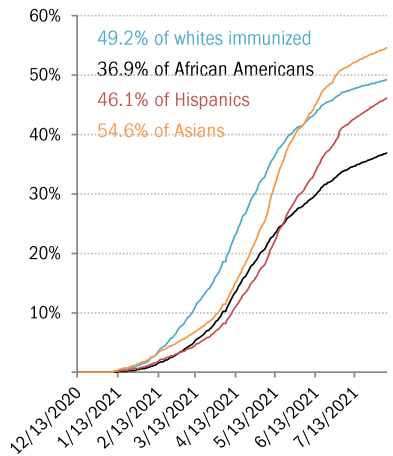
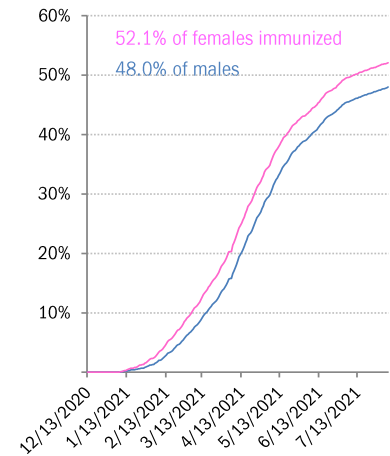
WI
56.2%
52.1%

ME
68.9%
64.2%

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
64.6%	41.6%	49.8%	45.9%	59.5%	63.1%	53.6%	63.9%	75.9%	65.2%	
58.1%	37.6%	44.5%	40.3%	54.1%	49.0%	49.1%	57.6%	67.8%	58.5%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
61.2%	54.6%	42.3%	53.5%	53.9%	47.8%	50.4%	66.3%	66.8%	73.2%	
56.3%	44.9%	37.0%	47.3%	49.9%	44.5%	46.8%	52.9%	58.9%	64.3%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
65.6%	52.6%	60.9%	54.7%	49.6%	53.0%	46.2%	62.4%	65.4%	70.6%	68.2%
53.4%	45.1%	54.8%	49.9%	41.9%	46.0%	39.1%	54.9%	59.3%	63.7%	62.0%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	53.8%	66.3%	54.2%	48.6%	45.6%	52.0%	47.6%	64.6%	61.4%	
	45.6%	57.6%	45.6%	37.3%	39.4%	44.1%	41.0%	55.3%	53.1%	
			OK	LA	MS	AL	GA			
			49.0%	44.1%	40.8%	44.7%	47.2%			
			40.7%	37.3%	34.8%	34.7%	39.1%			
			TX							
			52.7%							
			44.3%							
								FL		
								59.1%		
								49.4%		
									PR	
									69.5%	
									60.5%	

HI
71.9%
53.8%

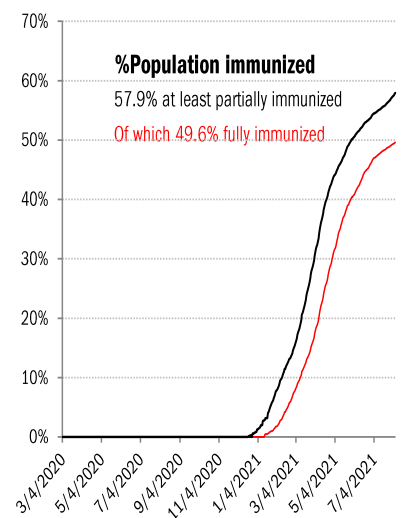
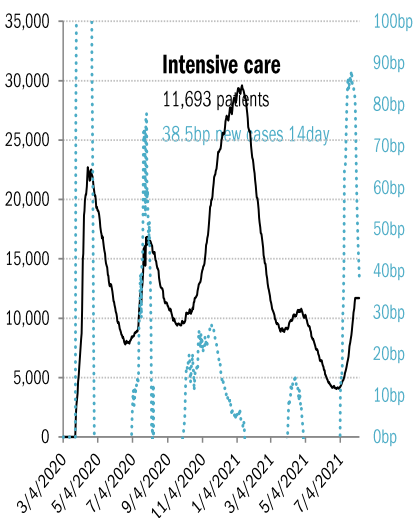
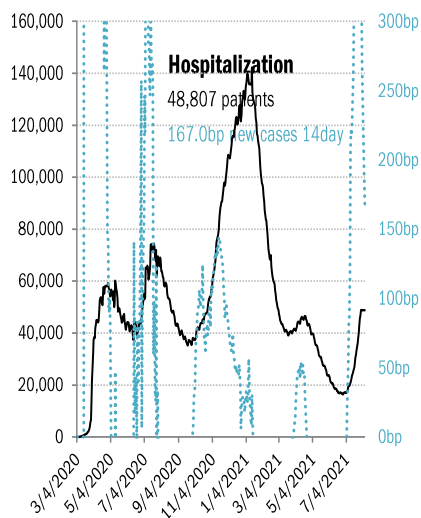
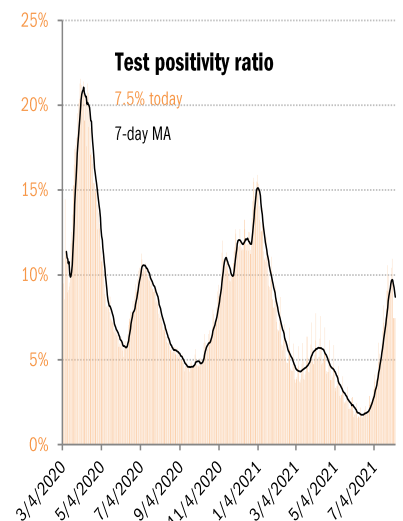
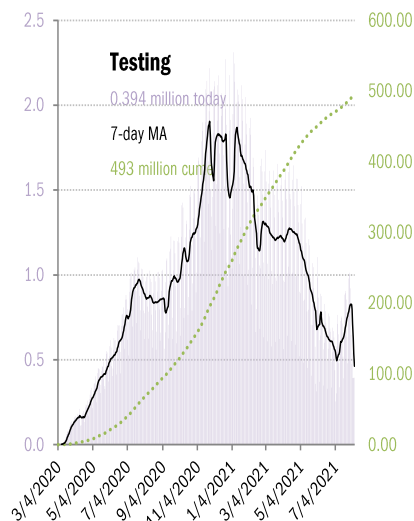
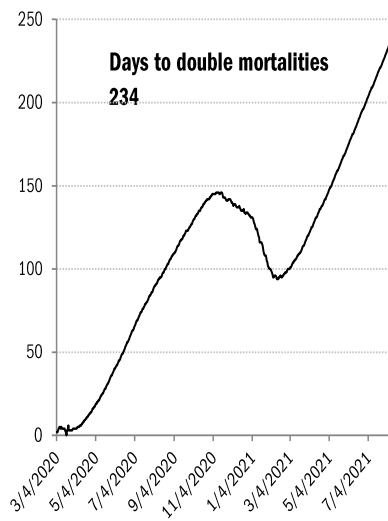
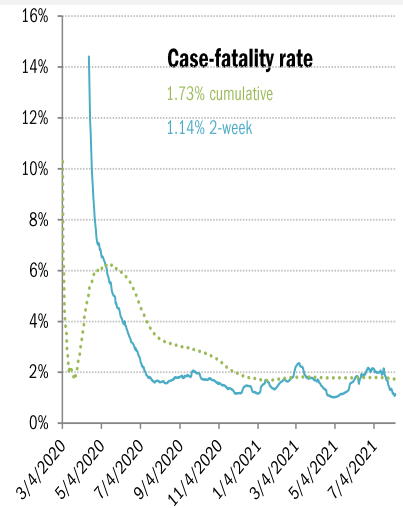
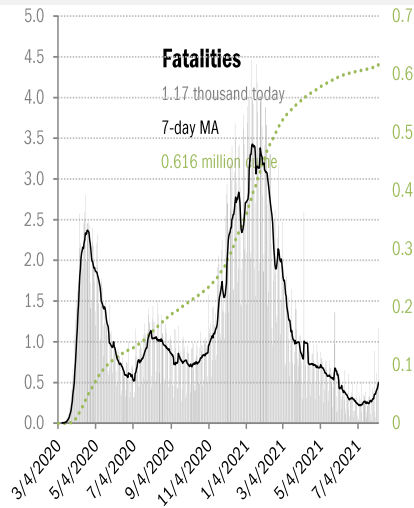
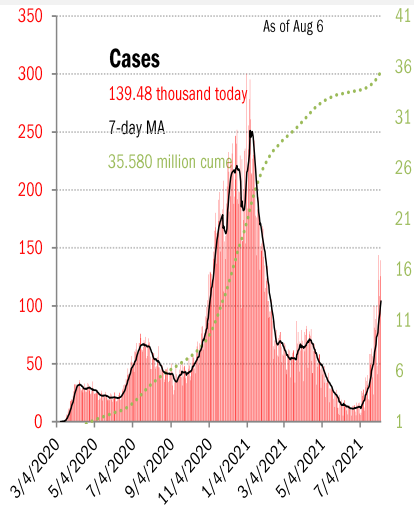
## The demographics of US vaccination



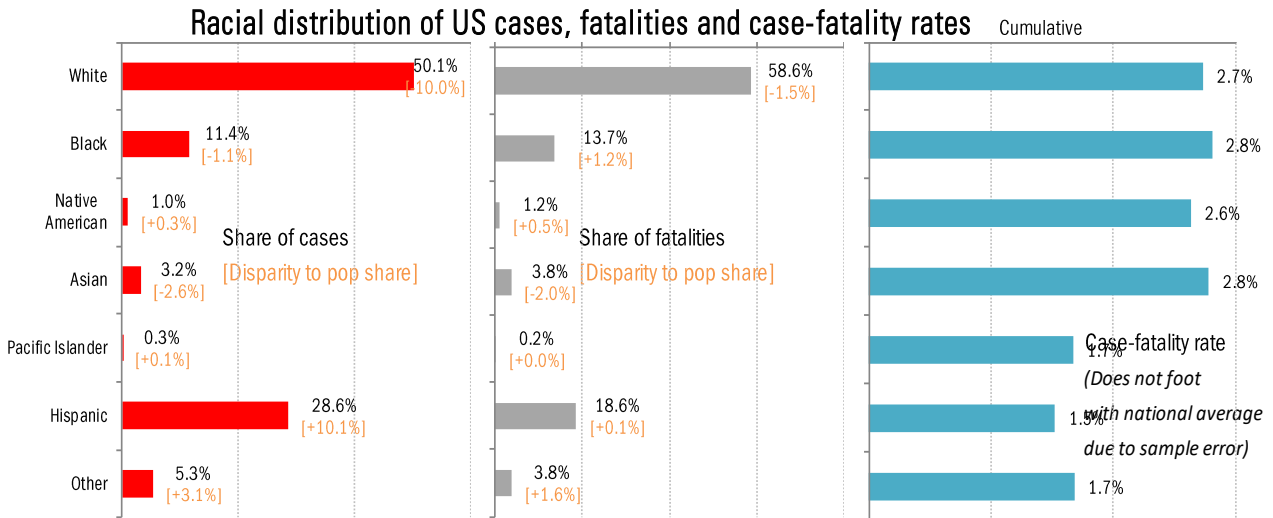
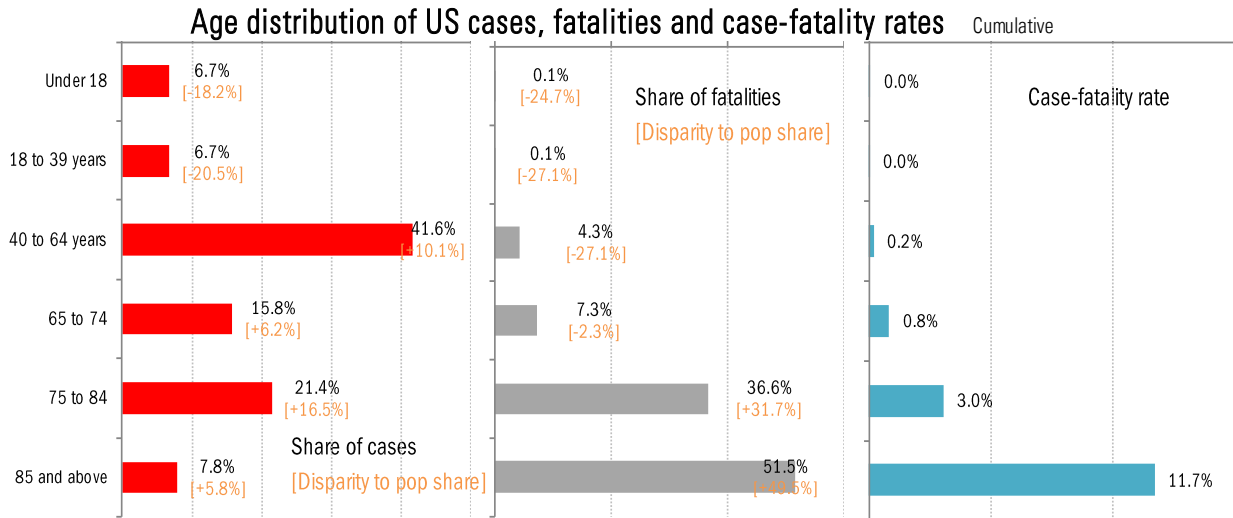
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

# US deep-dive

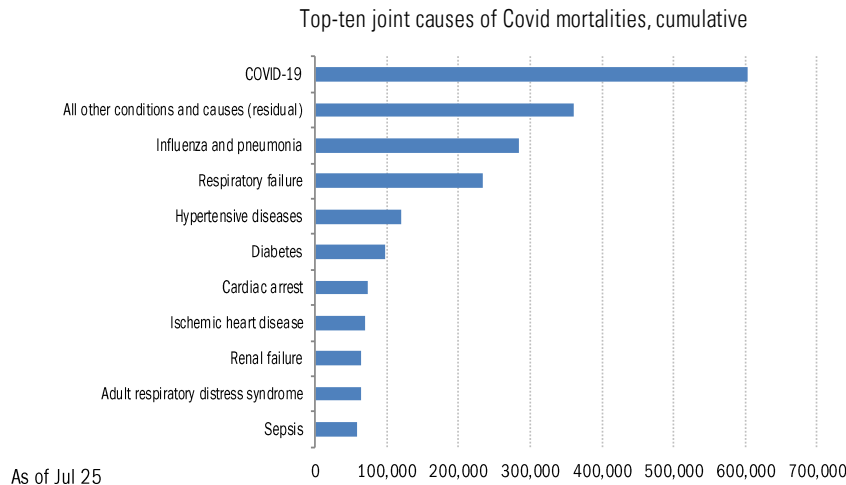
National and state-by-state data do not line up because of different sources



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

[Hydroxychloroquine Pre-Exposure Prophylaxis for COVID-19 in Healthcare Workers from India: A Meta-Analysis](#)

Raphael B.Stricker and Melissa C.Fesler  
*Journal of Infection and Public Health*  
August 5, 2021

[Pfizer CEO's Israel visit canceled because he is not fully vaccinated](#)

*Jerusalem Post*  
March 7, 2021

[It's Chaos on Wall Street as Delta Variant Opens Return](#)

Jennifer Surane and Hannah Levitt  
*Bloomberg*  
August 5, 2021

[BlackRock and Wells Fargo Delay Return to Office on Delta Concerns](#)

Hannah Levitt and Annie Massa  
*Bloomberg*  
August 5, 2021

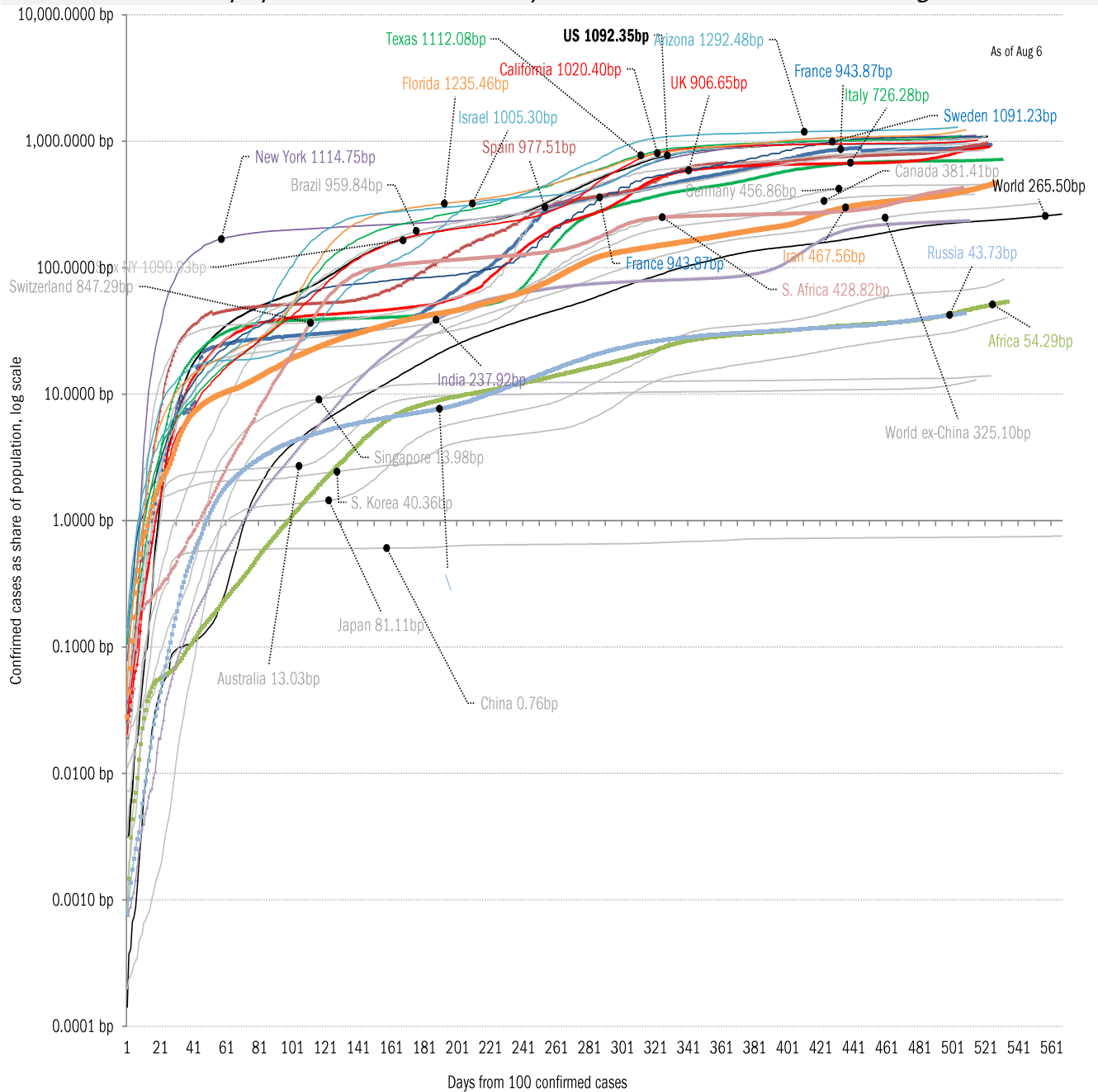
## Meme of the day



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

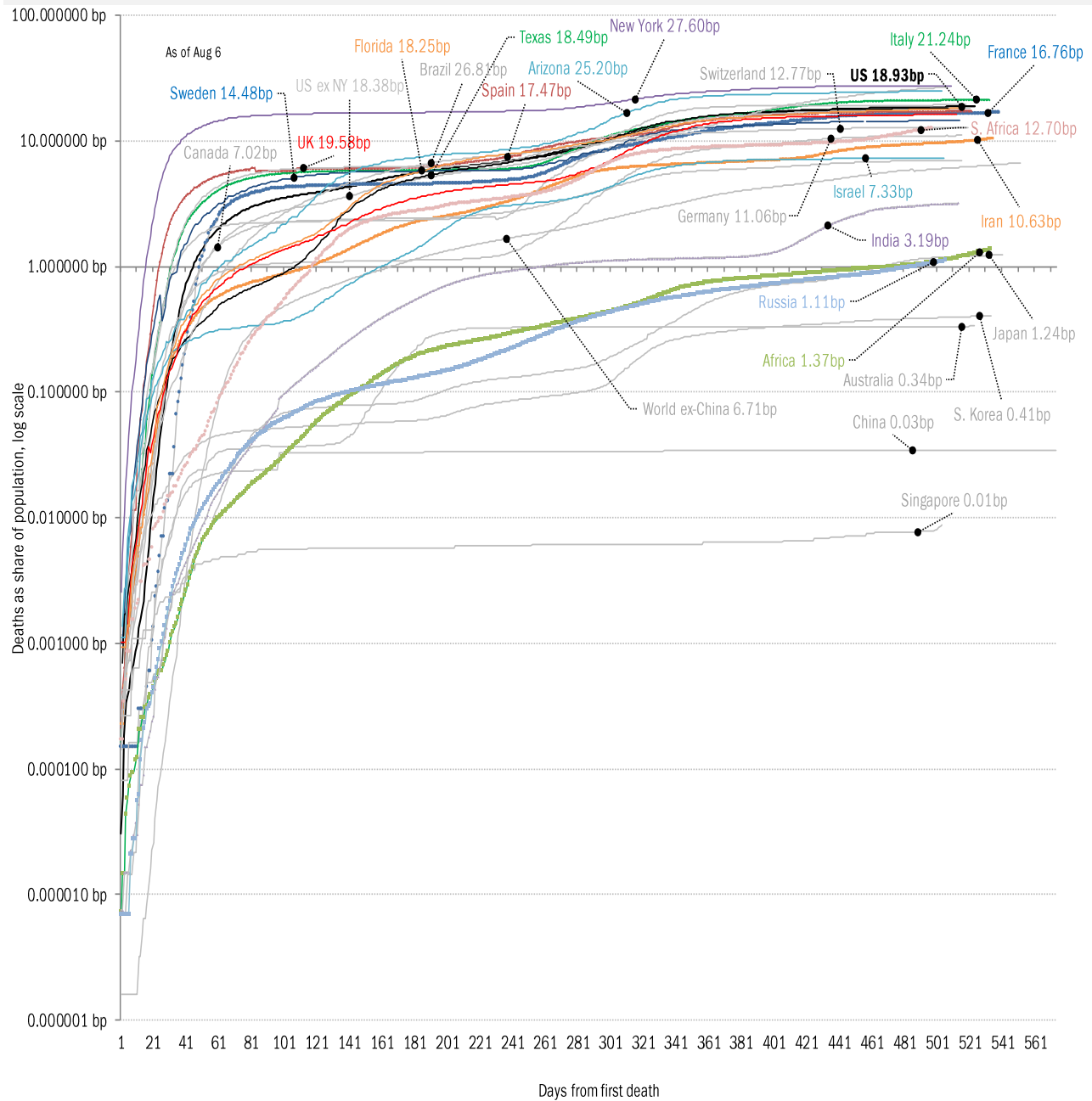


The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



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*



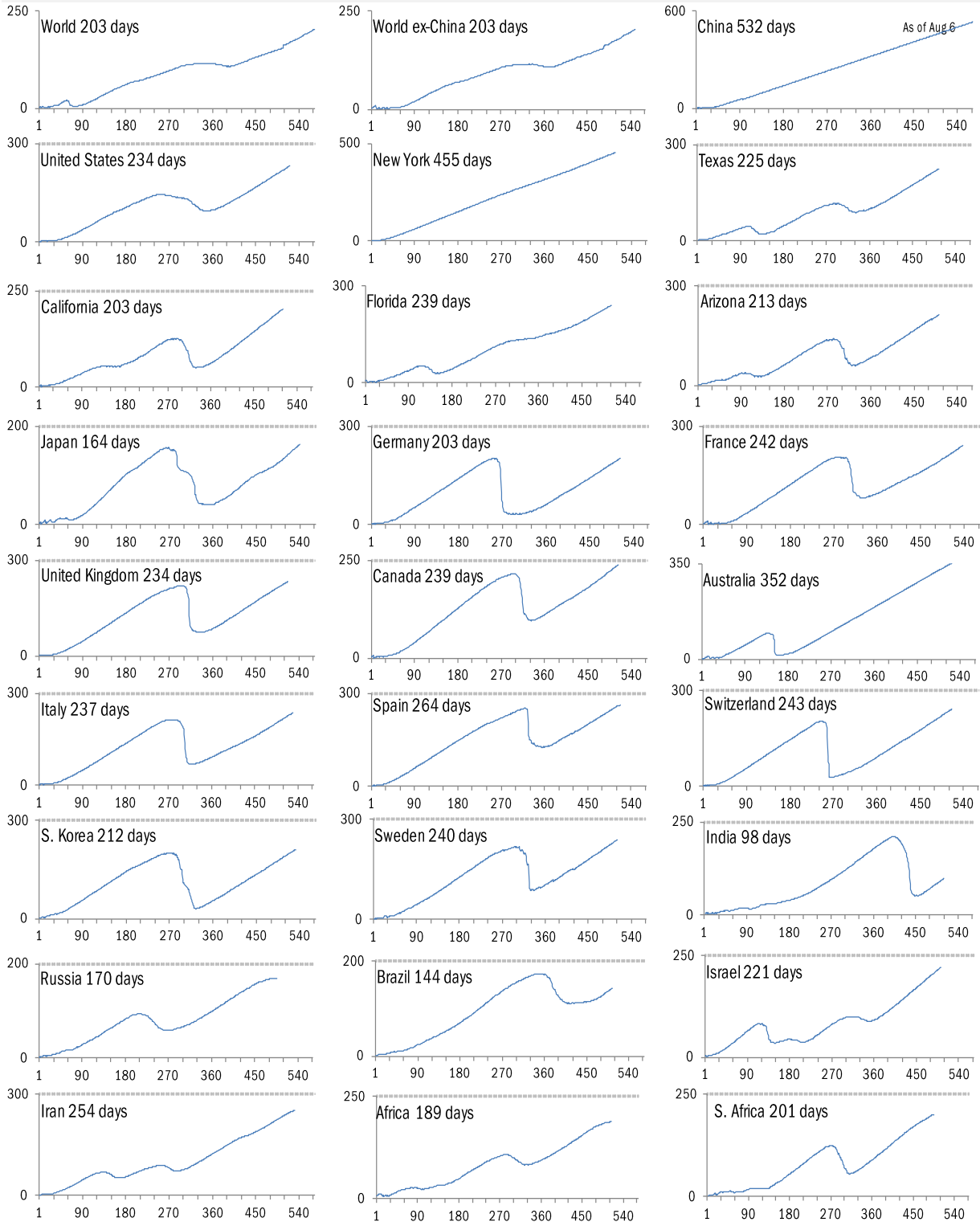
Source: [Johns Hopkins](#), TrendMacro calculations

“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

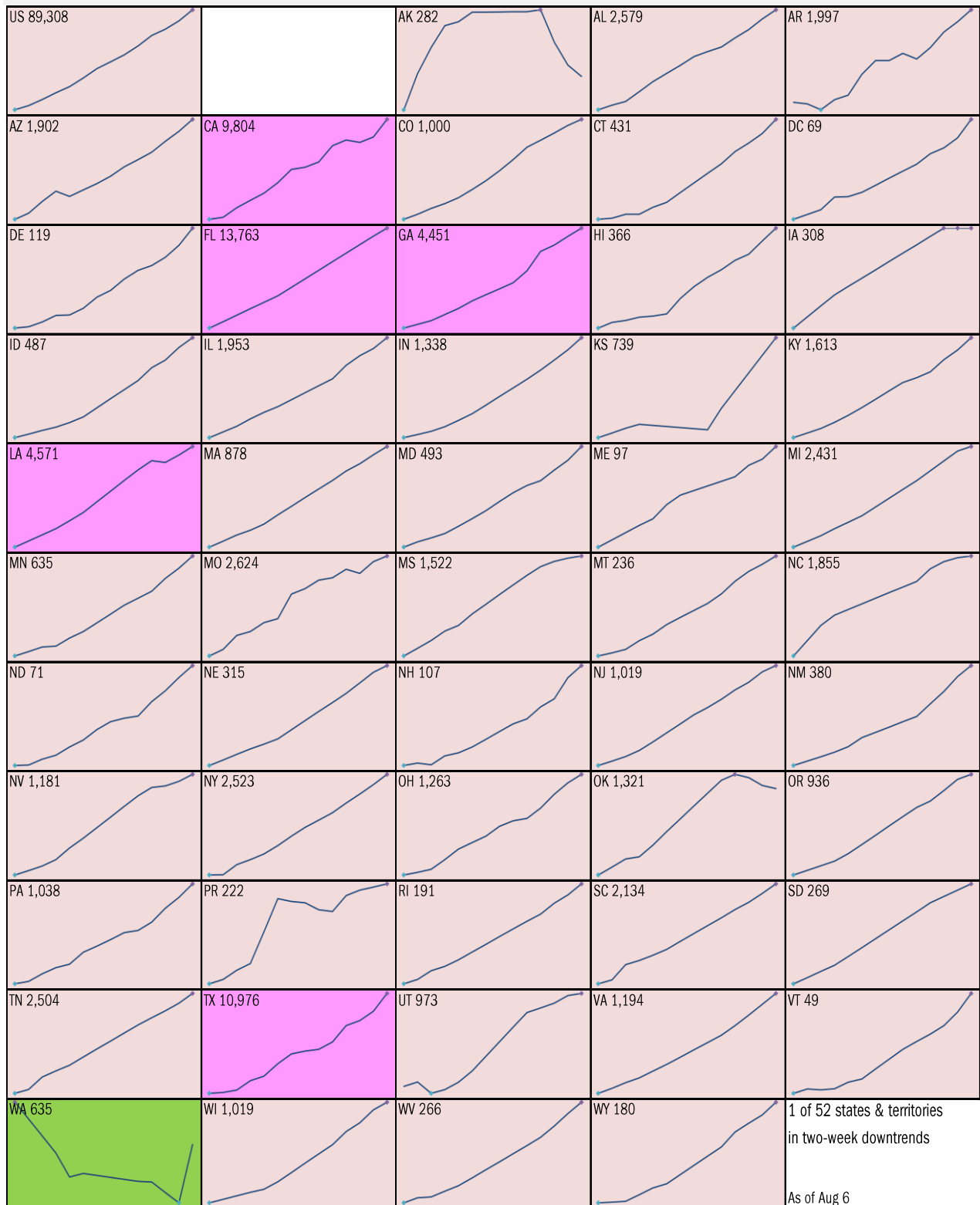


Source: [Johns Hopkins](#), TrendMacro calculations

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

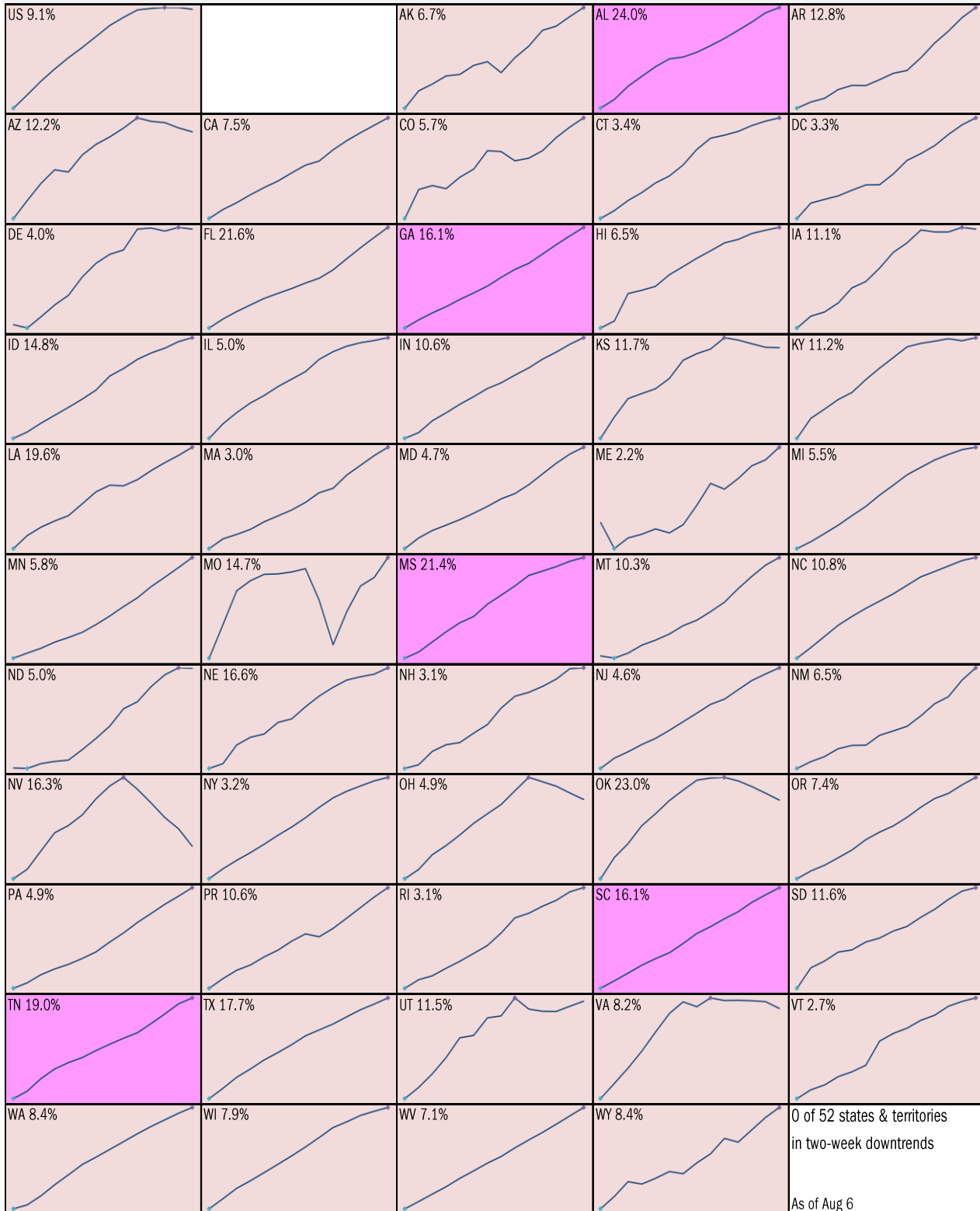


Source: [Johns Hopkins](#), TrendMacro calculations

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

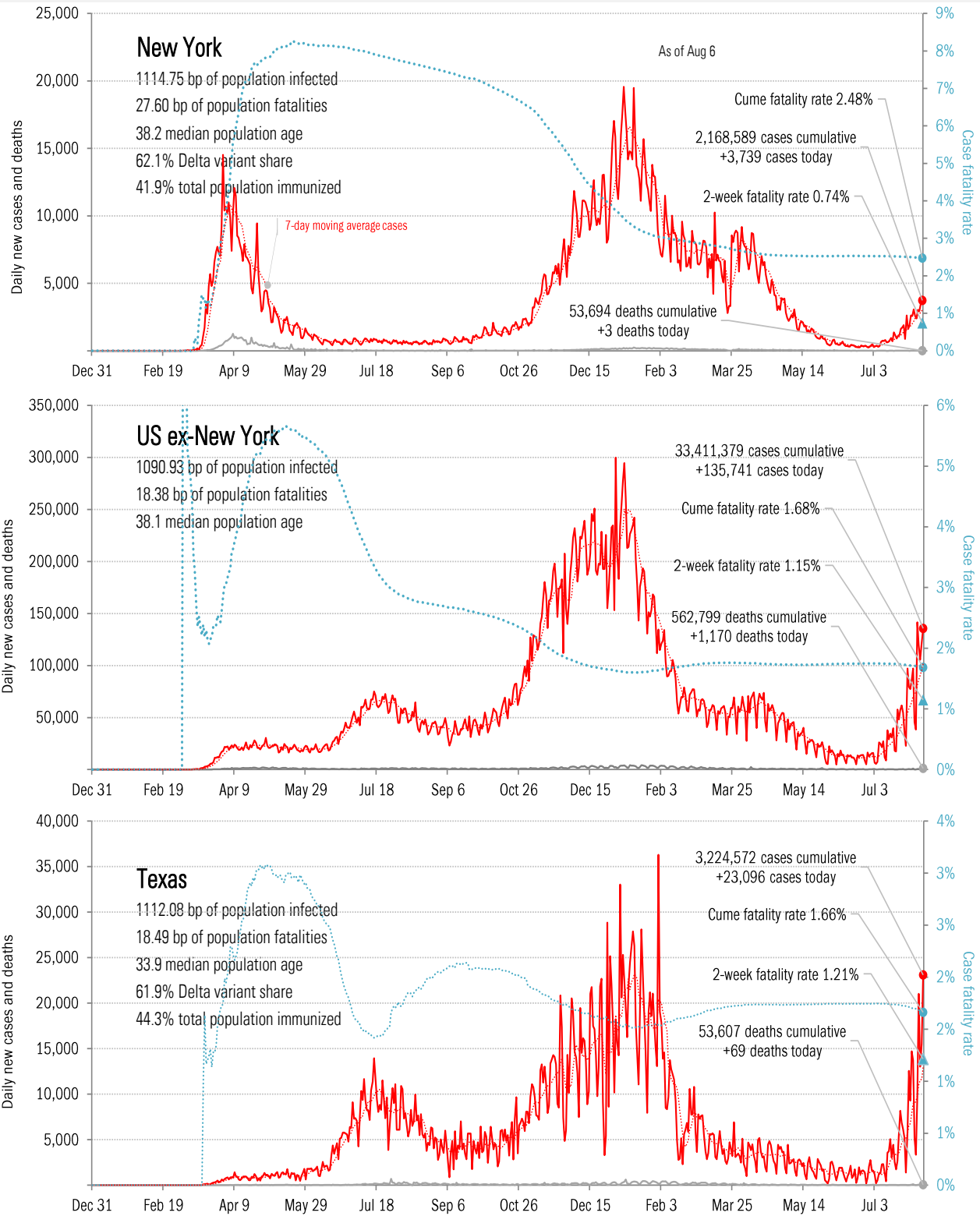
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



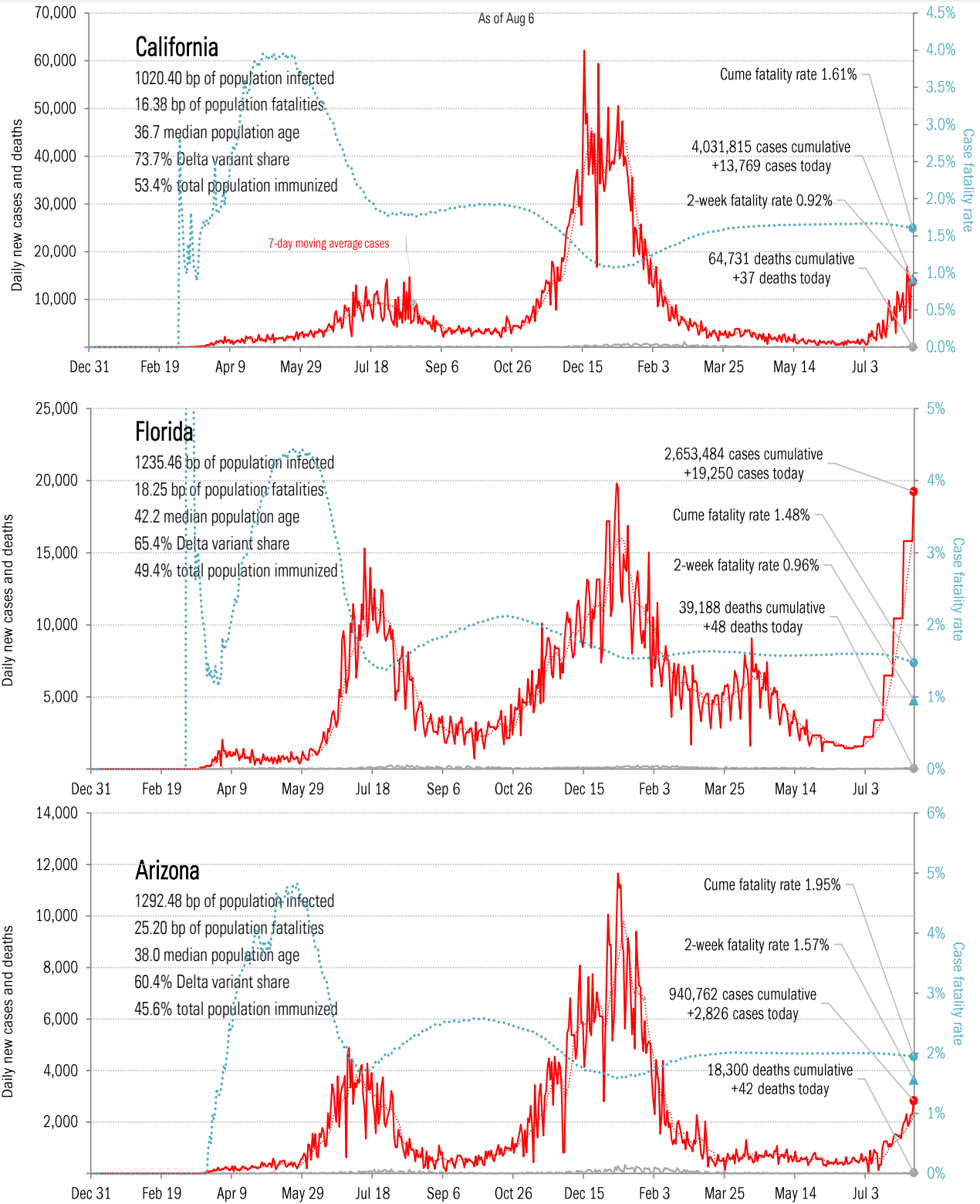
Source: [Covid Act Now](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



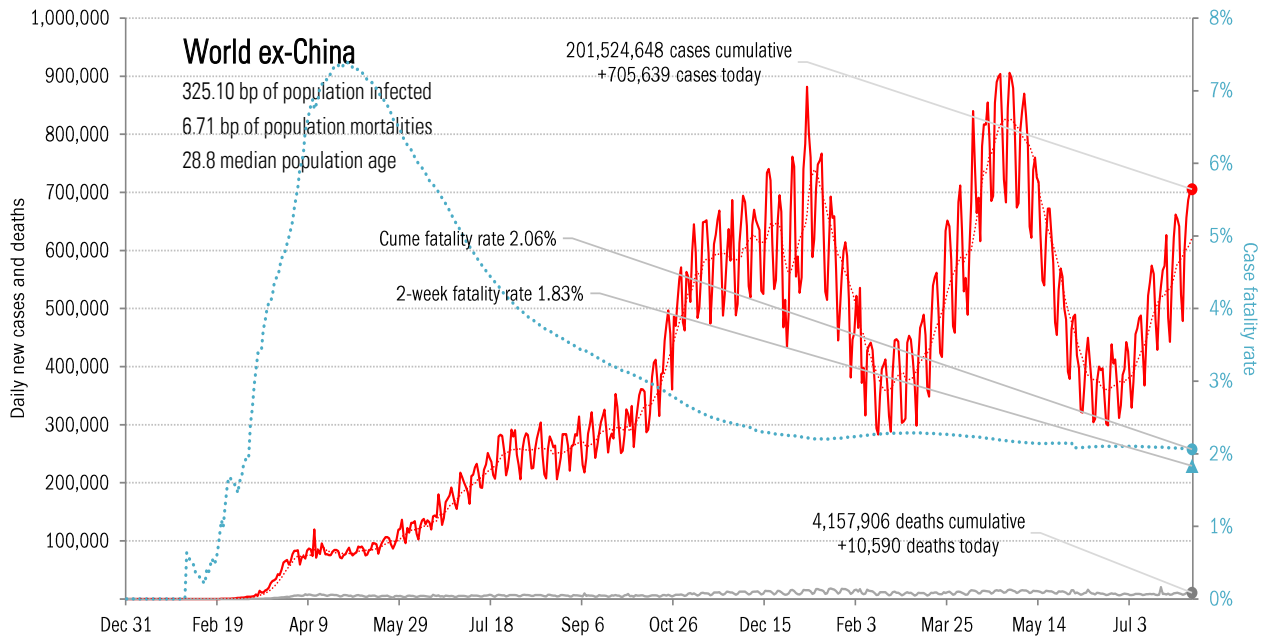
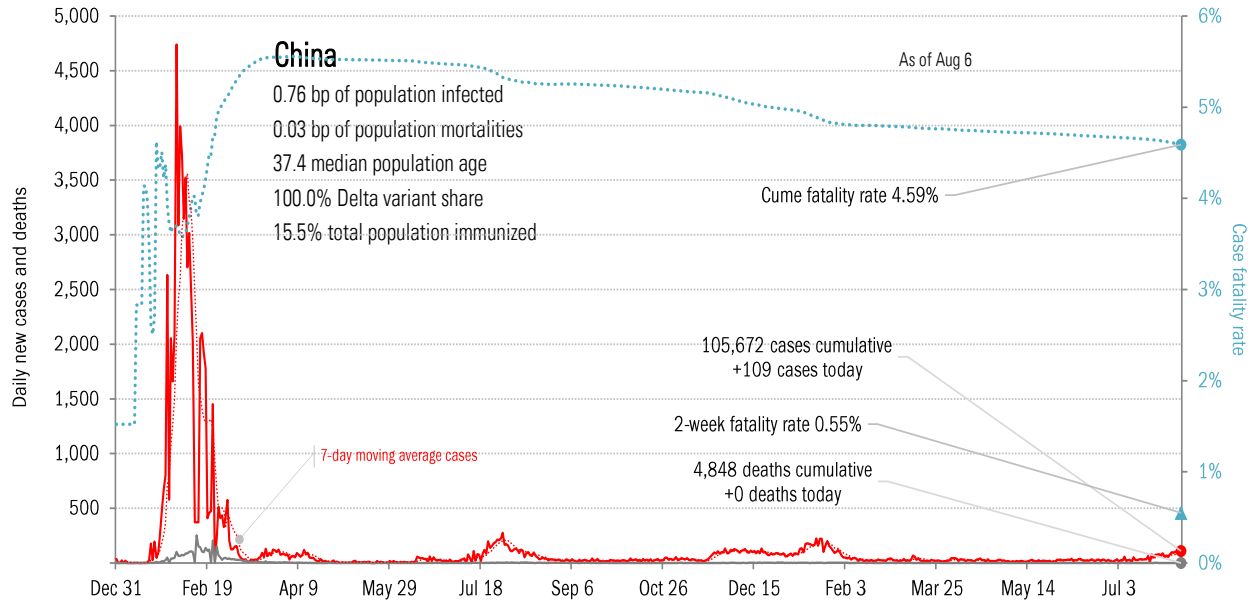
Source: [Johns Hopkins](#), TrendMacro calculations

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



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

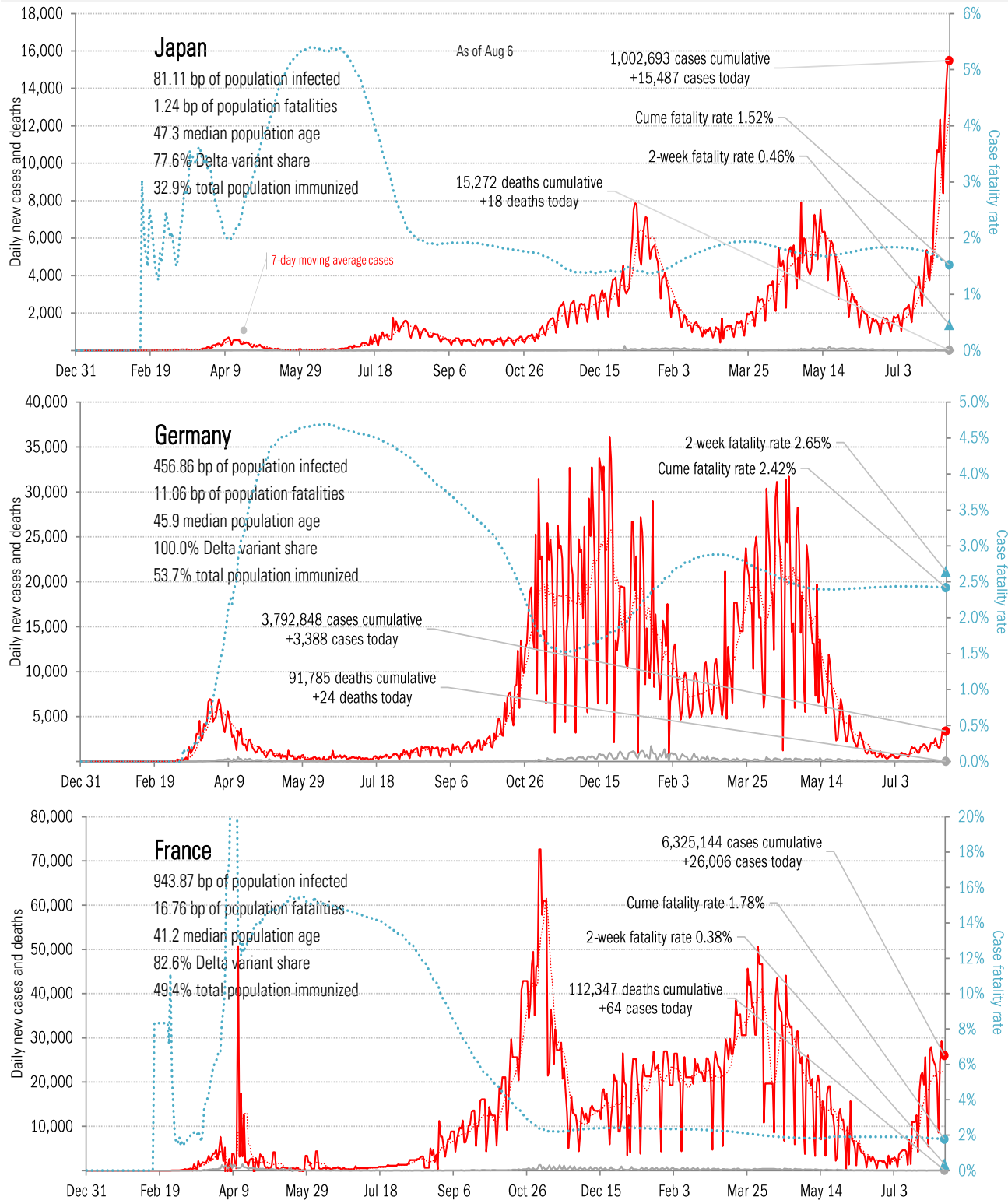
# Patient zero... and then everyone else



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

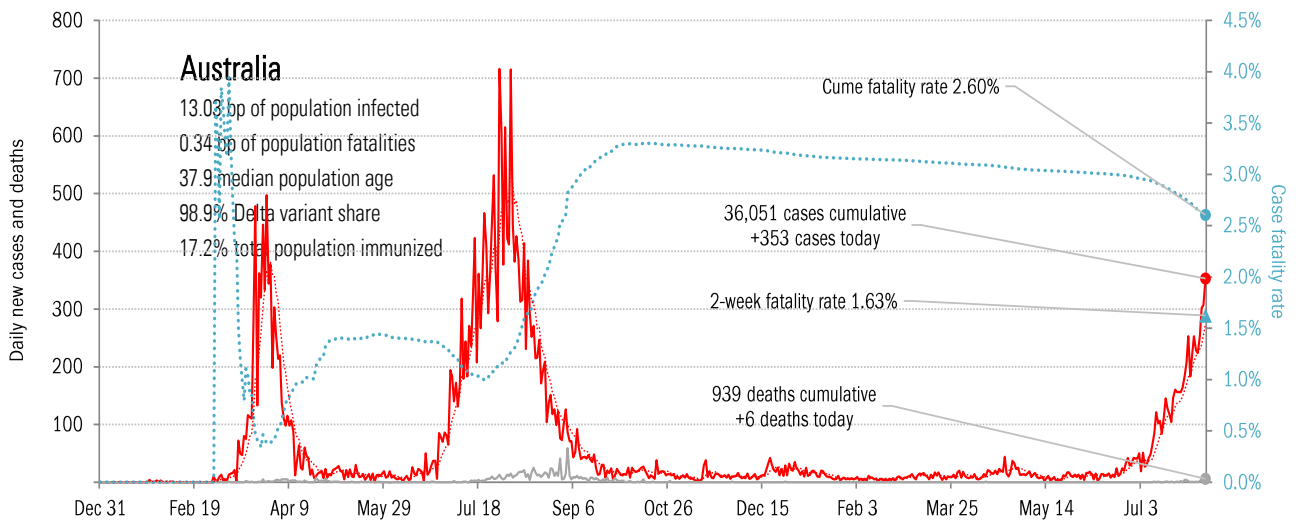
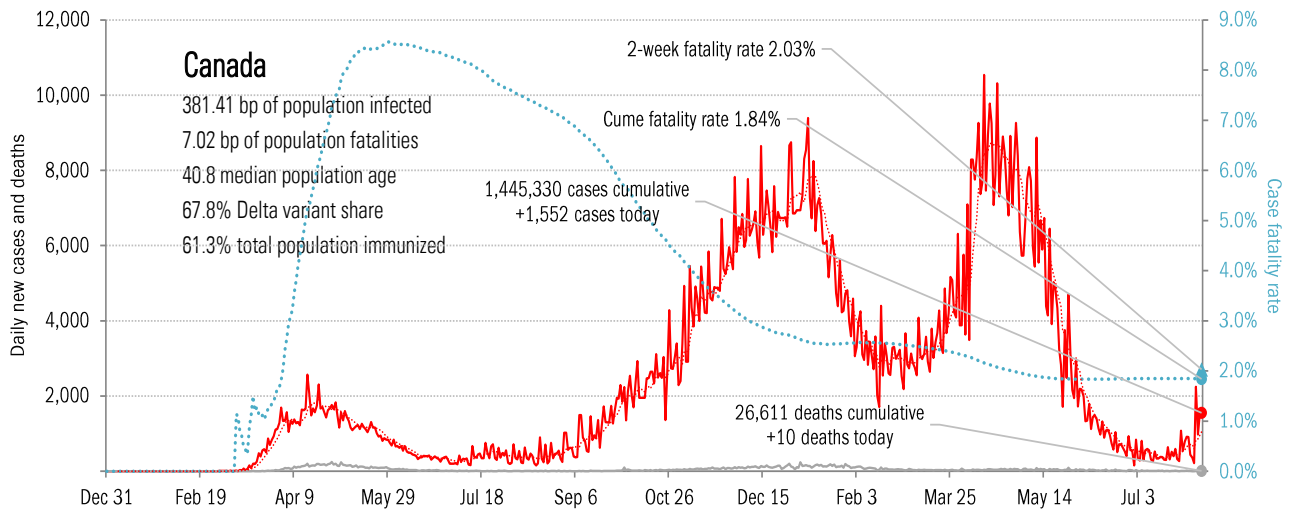
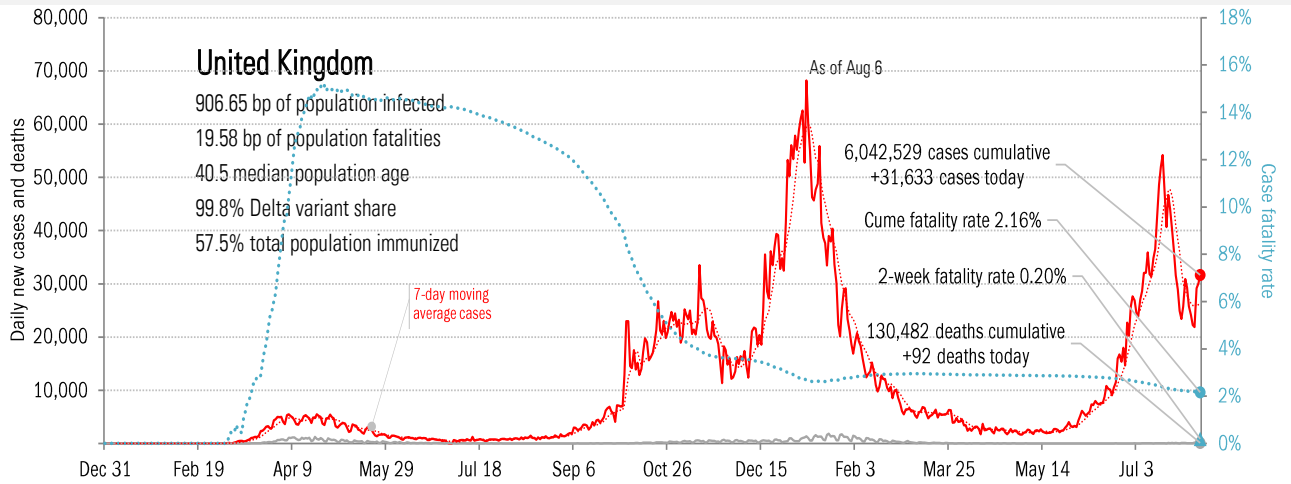


# Impact in the largest economies



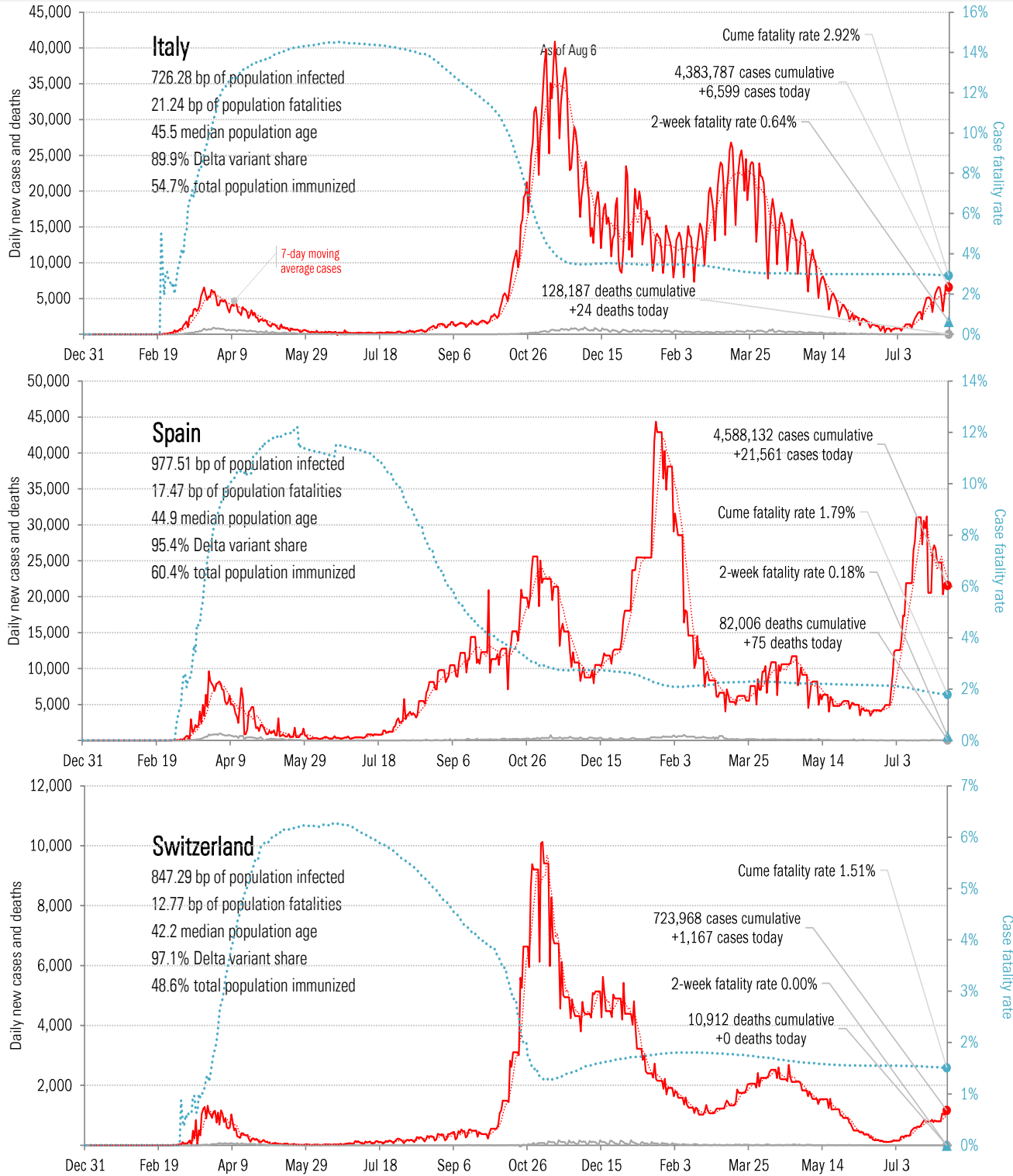
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in The Anglosphere



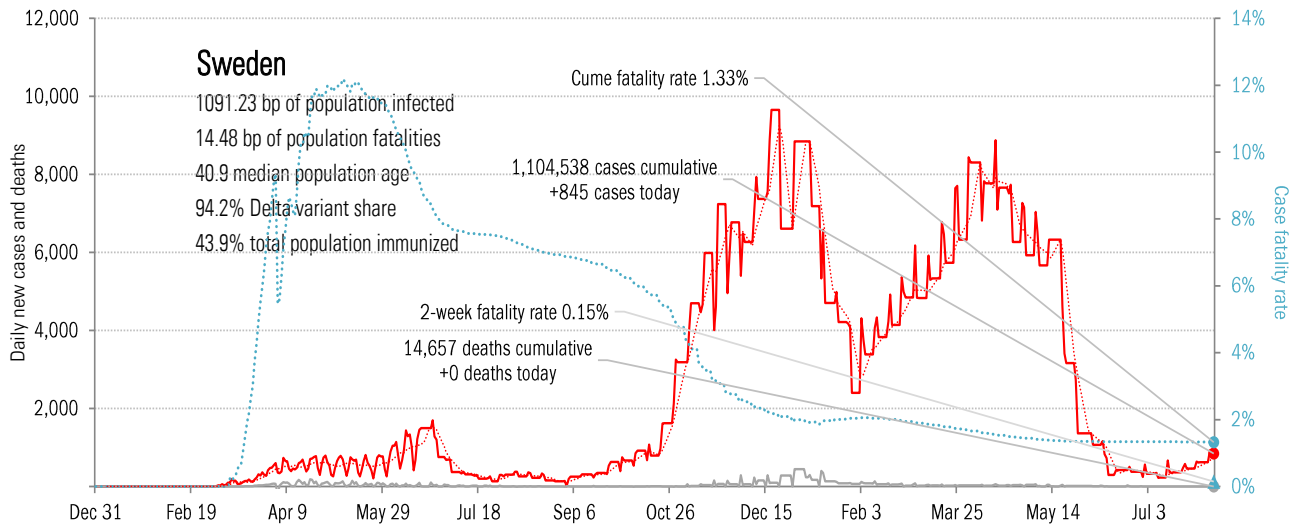
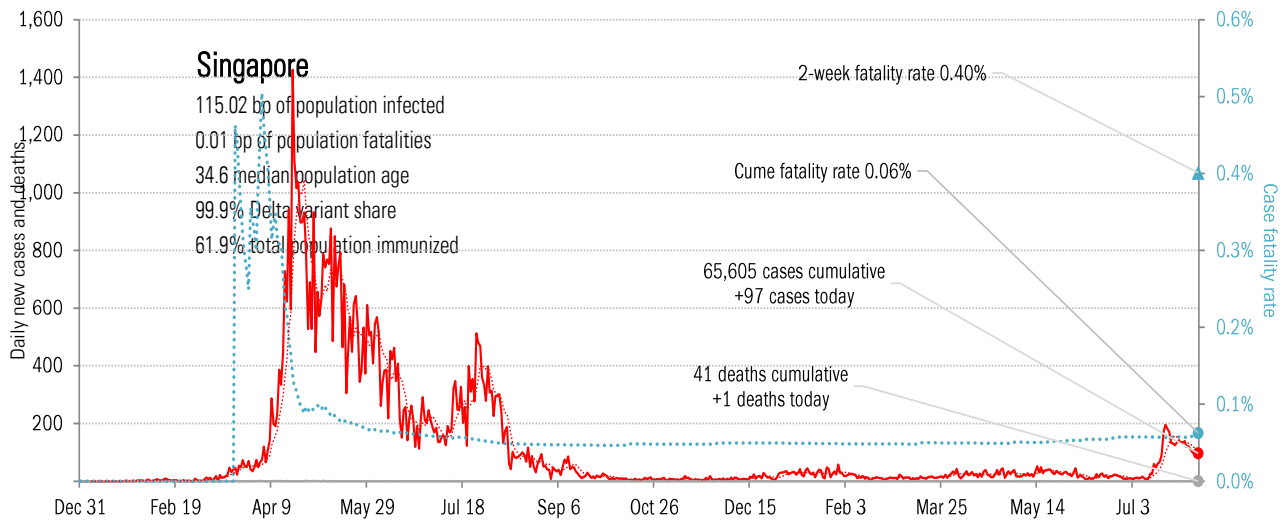
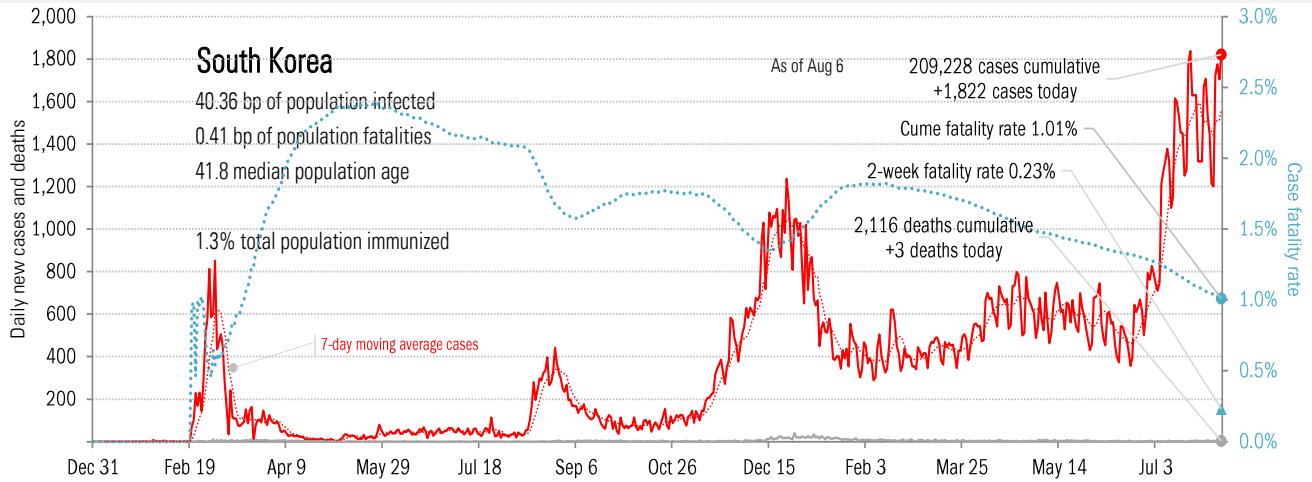
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in continental Europe



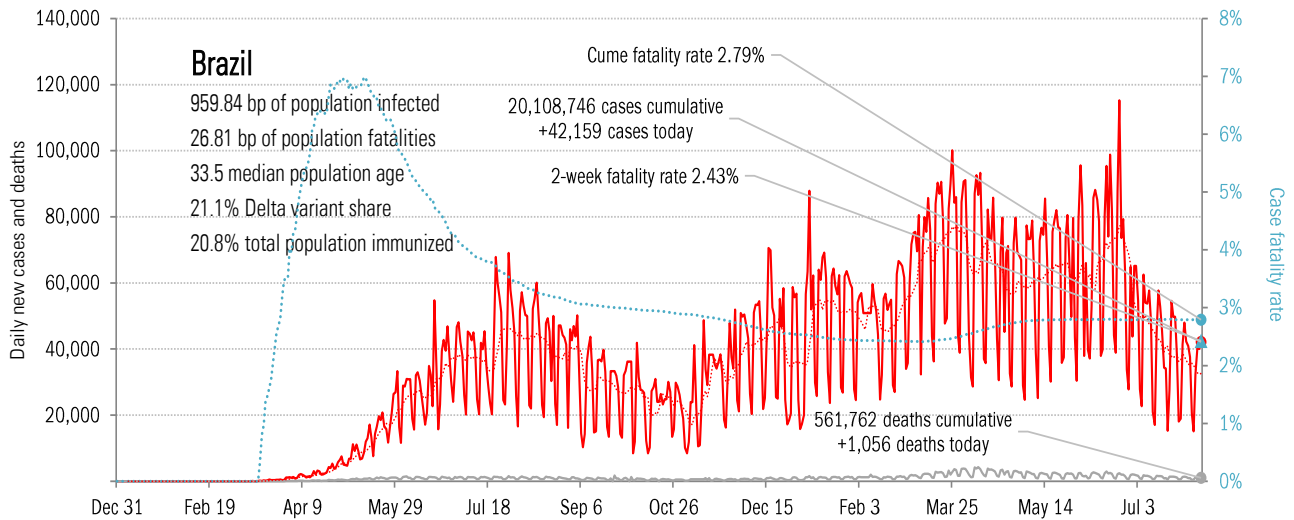
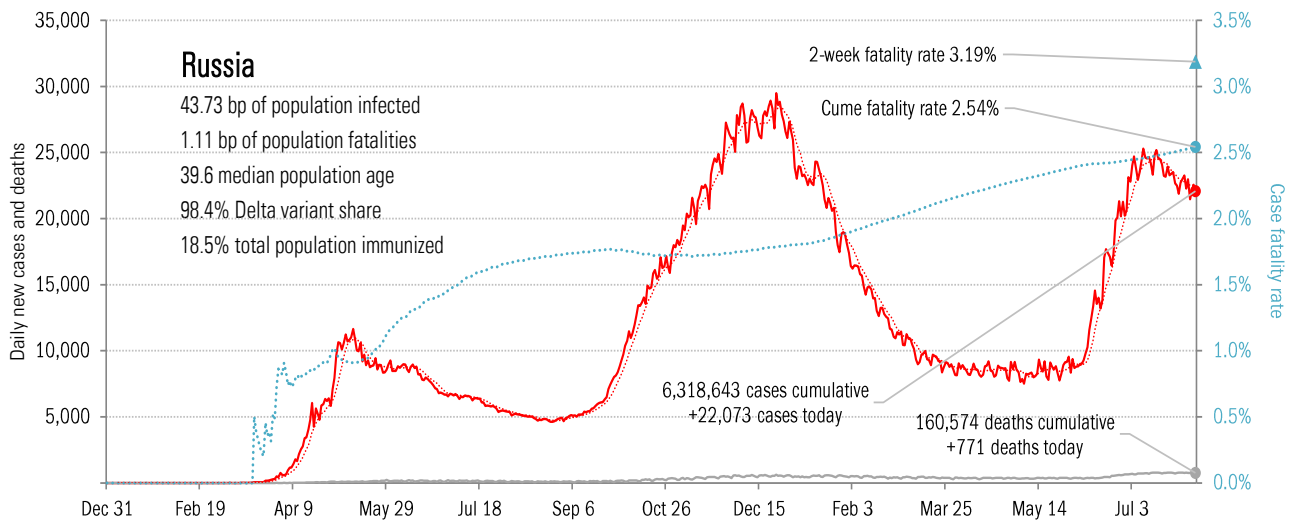
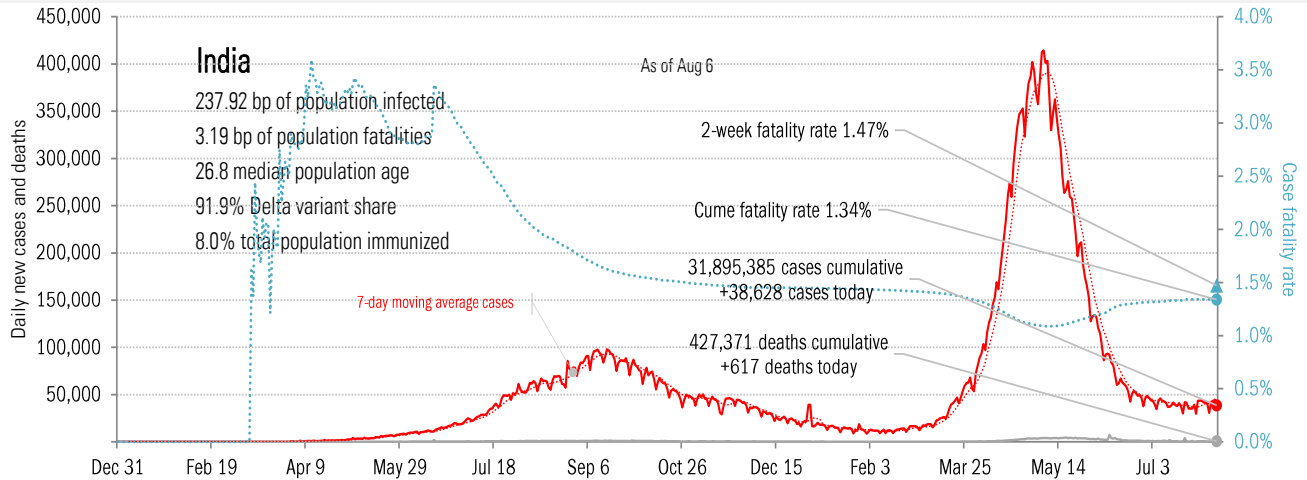
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in other hot-spots



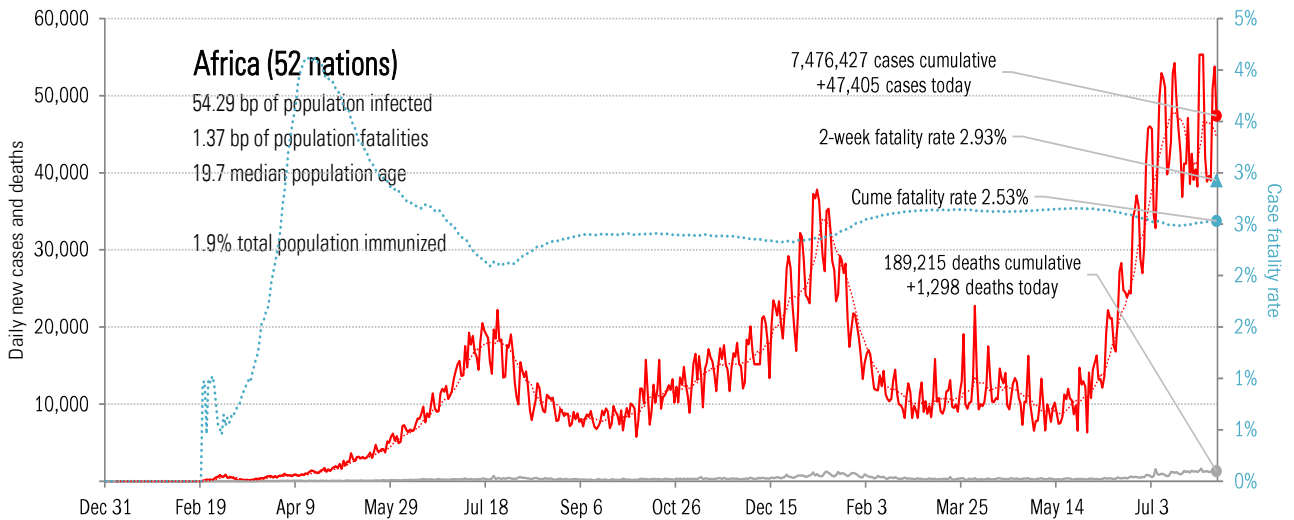
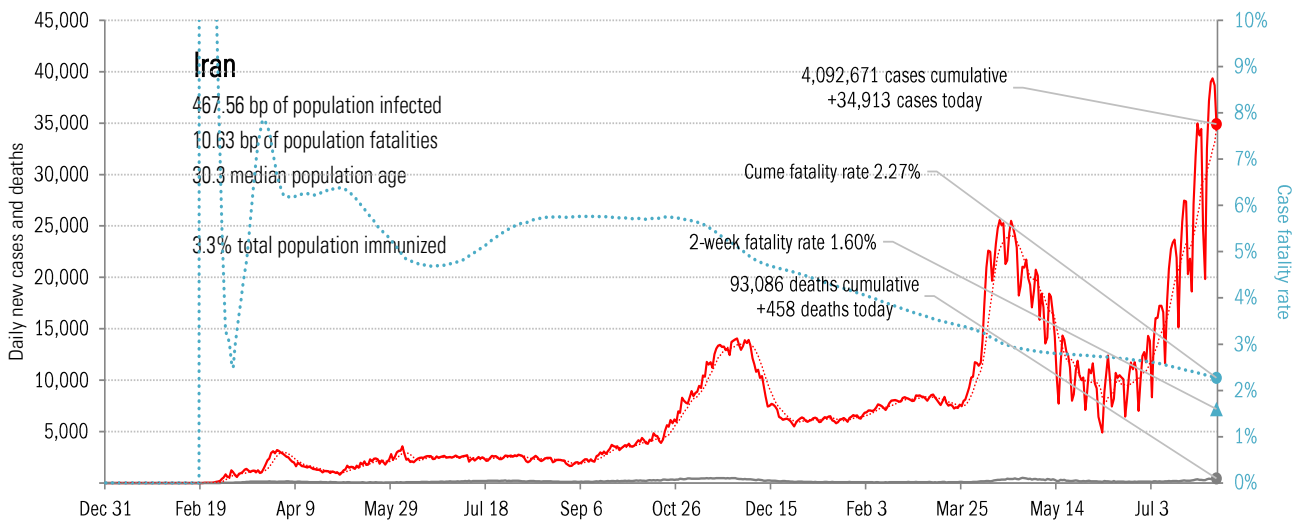
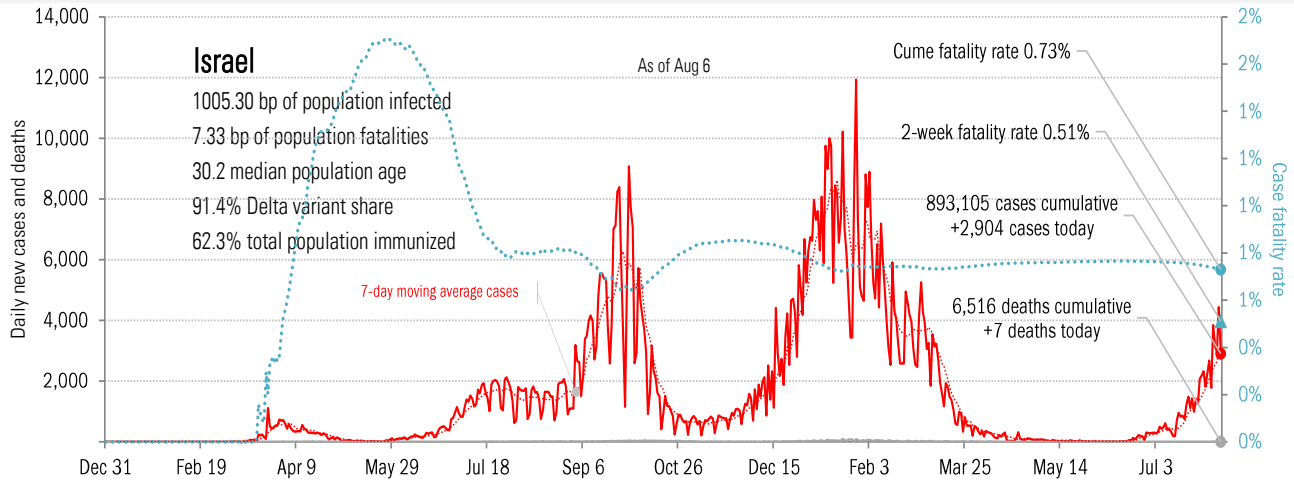
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the BRICs ex-China



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

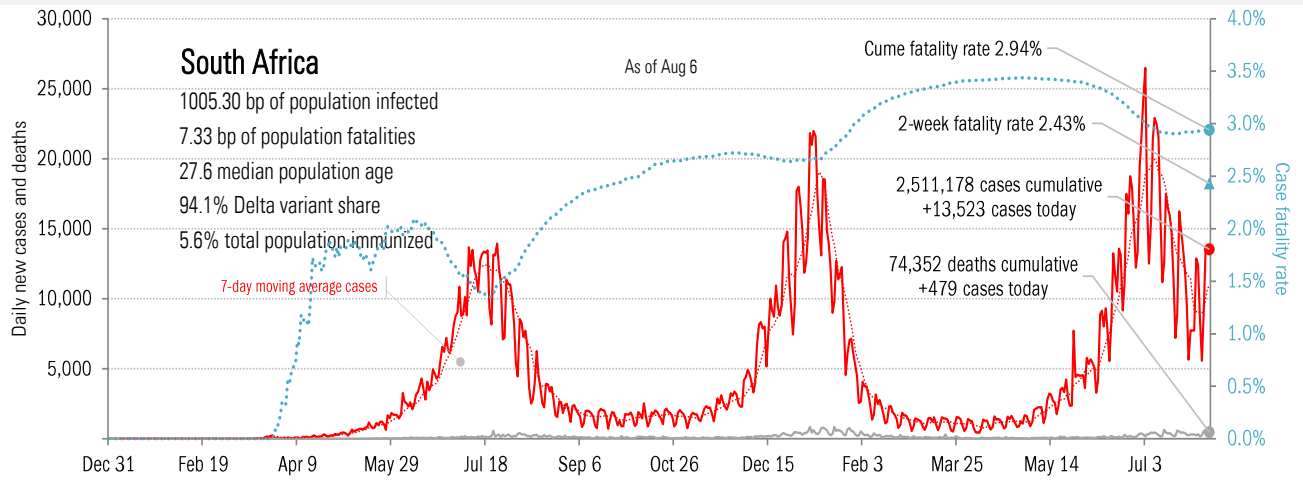
# Impact in the Middle East and Africa



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



# Impact in Africa, continued



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