

Data Insights: Covid-2019 Monitor

Monday, August 22, 2022

The global scorecard

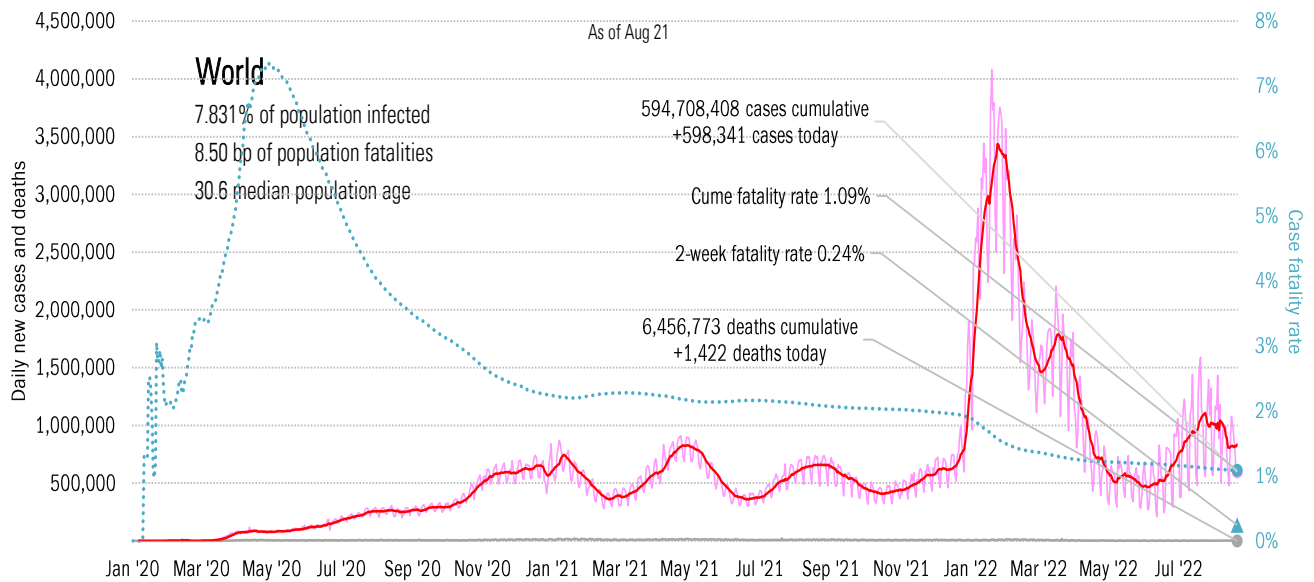
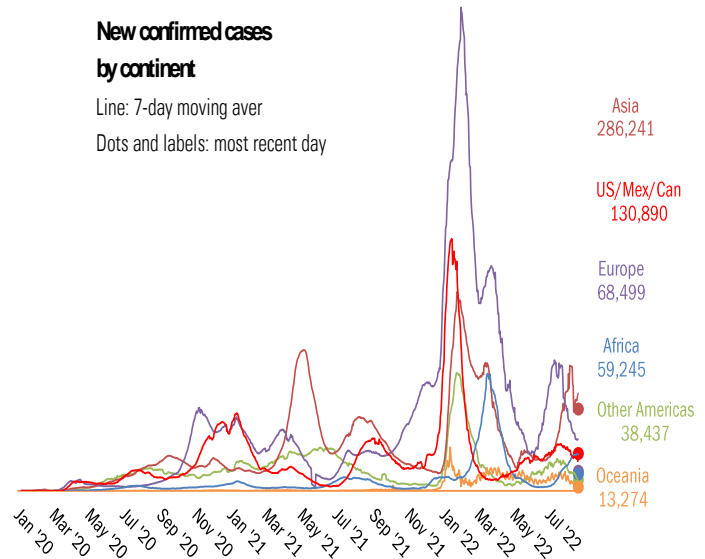
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	226,088	United States	667
United States	137,403	Japan	226
Korea, South	59,046	Argentina	80
Russia	39,052	Korea, South	65
Argentina	24,659	Italy	63
Taiwan*	22,380	Russia	63
Italy	19,470	Iran	55
Australia	10,430	Philippines	49
India	9,531	India	36
Chile	9,487	Chile	28
557,546		1,332	
World	598,341	World	1,422
Top ten	93%	Top ten	94%

New confirmed cases by continent

Line: 7-day moving aver
 Dots and labels: most recent day



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

For more information contact us:

Donald Luskin: 214 550 2121 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

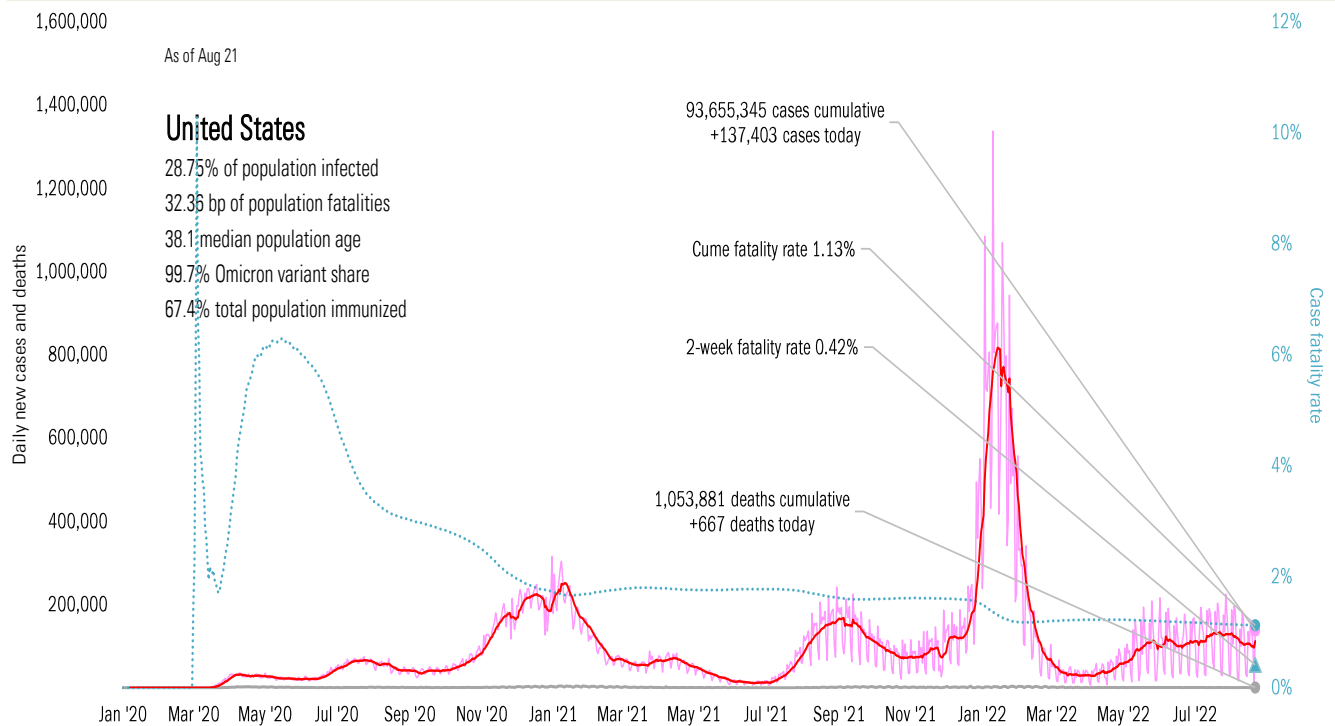
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
CA	27,627		CA	142		LA	147		CA	10,978,199		CA	94,440		TX	532,731		RI	89%	AK	84%
MO	17,796		FL	65		MI	169		TX	7,758,347		TX	89,990		CA	483,602		MA	87%	TX	83%
TX	9,337		TX	49		PA	235		FL	6,968,034		FL	79,080		FL	478,481		WA	86%	NC	83%
FL	6,488		WA	34		TX	503		NY	5,941,350		NY	70,850		NY	288,291		GA	84%	VT	83%
OK	6,063		NY	29		MN	99		IL	3,645,961		PA	46,514		GA	220,331		MN	84%	AL	83%
IN	5,887		IN	27		NJ	143		PA	3,150,248		GA	39,472		CH	210,514		MO	84%	WA	83%
IL	4,880		VA	27		FL	581		NC	3,074,964		CH	39,310		PA	196,704		AK	82%	RI	81%
NC	3,906		OK	21		SC	113		CH	3,026,110		IL	39,180		IL	179,786		WV	82%	ND	80%
GA	3,681		GA	21		MO	131		GA	2,829,283		MI	37,774		MI	156,784		DE	82%	MA	80%
CH	3,438		IL	20		GA	204		MI	2,731,787		NJ	34,461		KY	141,274		MD	82%	DC	80%
89,103			435			2,325			50,104,283			571,071			2,888,498						
All states	137,403			667			5,472		All states	93,655,345			1,053,881			5,240,500		All states	70%		67%
Top ten	65%			65%			42%		Top ten	53%			55%			55%		Median	76%		72%

Some states not reporting

Five most improved US states

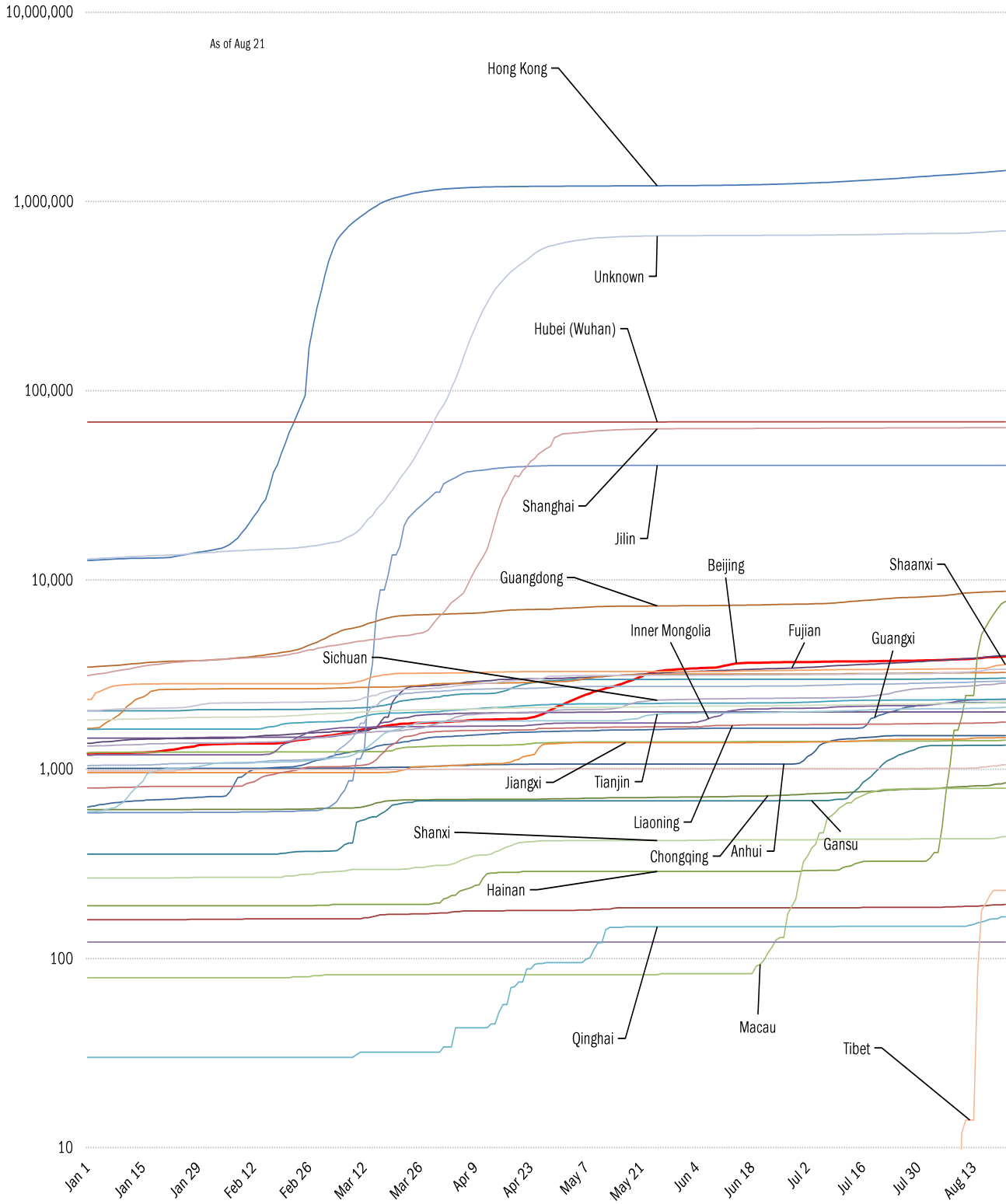
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NJ	-682	NJ	-4	VA	-63
NY	-404	AK	0	KY	-35
CT	-272	AL	0	AZ	-30
AK	0	AR	0	ME	-17
AL	0	AZ	0	ND	-17



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

China provincial coronavirus case accelerometer... tracking the "zero Covid" curves

Cumulative reported cases this year, log scale: flat line indicates "zero Covid"

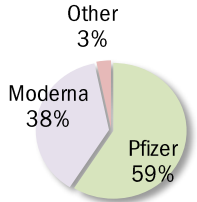


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative			Today	Immunity	Full	Partial	
Doses	622,906,809			+0.209 million	US	67.4%	79.0%	
of which boosters	110,327,935			+0.051 million	UK	75.2%	79.9%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.6%	80.9%
Total population	270,471,978	81%	230,193,455	69%	+0.034 million	Spain	85.5%	86.9%
Age 12 to 17	18,095,150	72%	15,459,413	61%	+0.003 million	Germany	76.0%	77.6%
Age 18 to 64	180,661,461	89%	153,482,893	75%	+0.015 million	Italy	81.0%	85.8%
Age 65 and over	59,665,647	100%	52,194,513	95%	+0.005 million	Australia	83.9%	86.5%
						Israel	66.2%	72.3%
						Canada	82.6%	86.3%
						Japan	82.3%	83.5%
						Africa	21.8%	27.9%
						India	66.7%	72.7%
						Brazil	79.9%	86.8%
						China	89.0%	91.3%



AK
71.3%
63.2%

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

"Immunity" = two doses

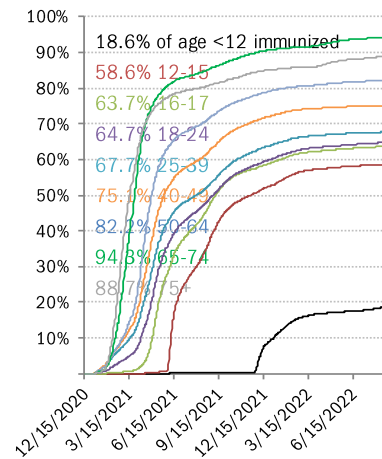
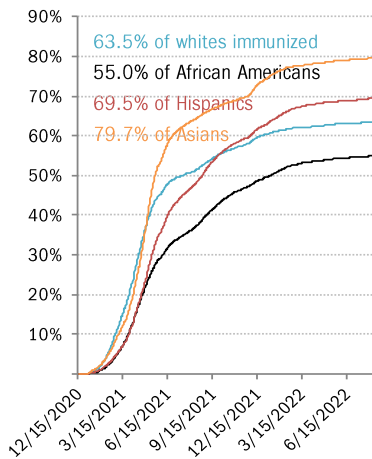
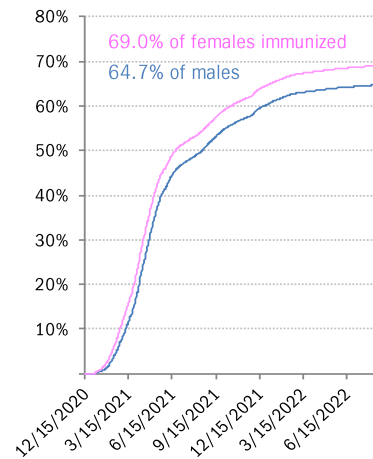
Best
Middle
Worst

Global data differs due to sources, timing

As of Aug 18

					WI										ME
					73.1%										93.0%
					66.5%										81.1%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH				
82.6%	62.3%	66.4%	66.9%	76.6%	77.1%	67.9%			91.8%	95.0%	90.5%				
73.6%	55.1%	57.8%	56.6%	70.2%	69.5%	61.0%			78.3%	82.6%	72.2%				
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA						
79.2%	76.8%	59.1%	78.9%	69.0%	63.1%	64.3%	87.3%	92.2%	95.0%						
70.6%	61.9%	51.8%	63.5%	62.8%	56.8%	59.2%	70.4%	77.0%	80.7%						
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI					
83.9%	73.5%	81.2%	71.6%	67.5%	67.3%	66.1%	87.6%	88.7%	95.0%	95.0%					
73.4%	65.3%	71.4%	64.6%	57.2%	58.3%	58.6%	74.4%	77.1%	80.6%	84.6%					
	AZ	NM	KS	AR	TN	NC	SC	DC	DE						
	75.3%	90.2%	74.0%	68.1%	63.2%	87.0%	69.2%	95.0%	85.1%						
	63.0%	72.6%	63.2%	55.5%	55.3%	63.3%	58.2%	78.5%	70.7%						
			OK	LA	MS	AL	GA								
			72.5%	62.0%	60.8%	63.8%	66.6%								
			58.5%	54.3%	52.9%	52.1%	55.8%								
			TX												
			74.3%												
			61.6%												
									FL						
									80.8%						
									68.1%						
										PR					
										95.0%					
										84.1%					

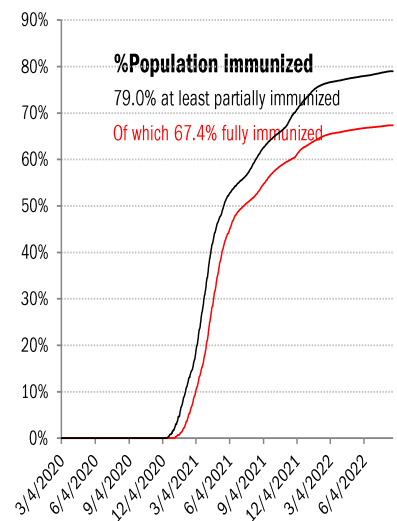
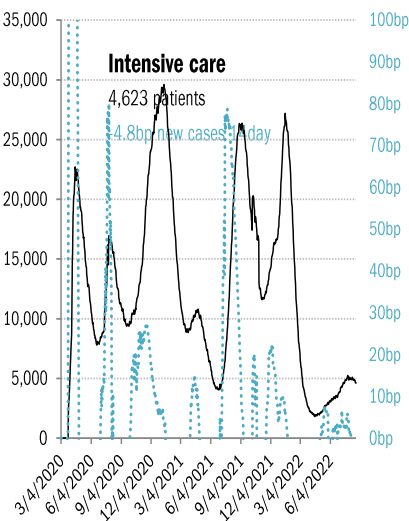
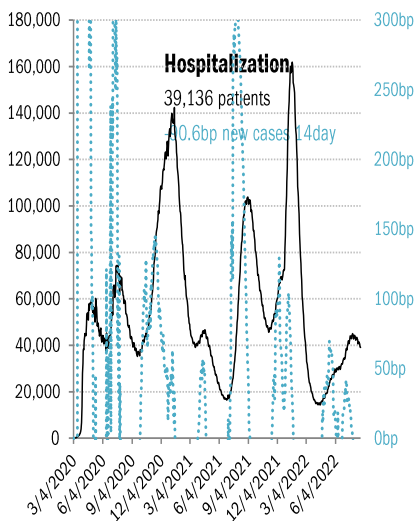
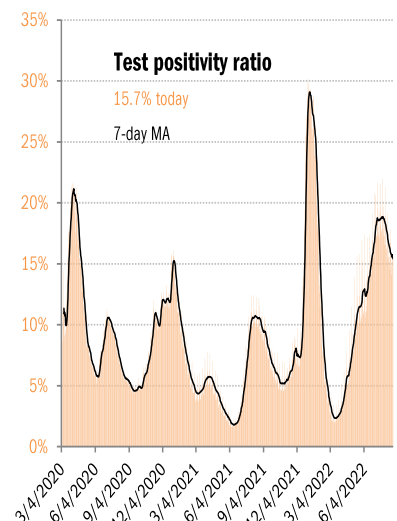
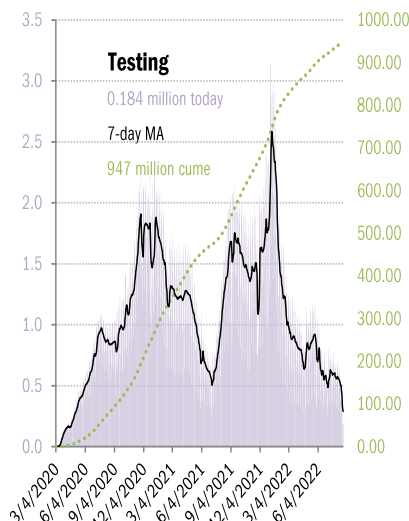
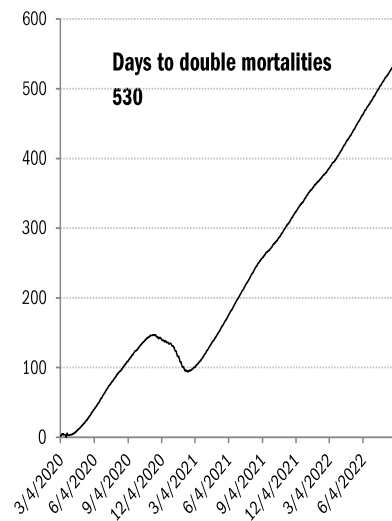
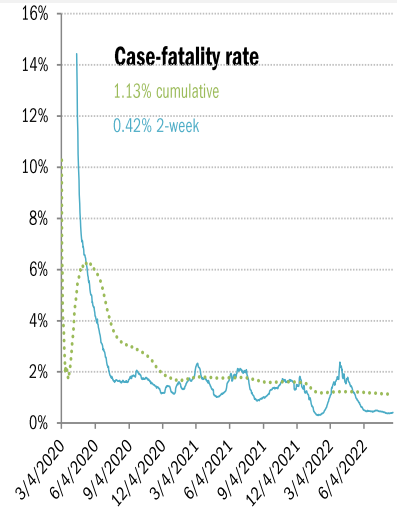
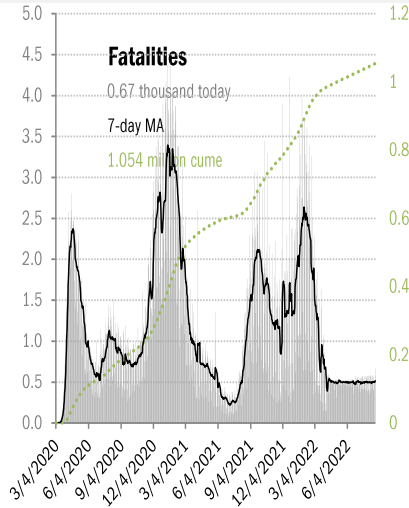
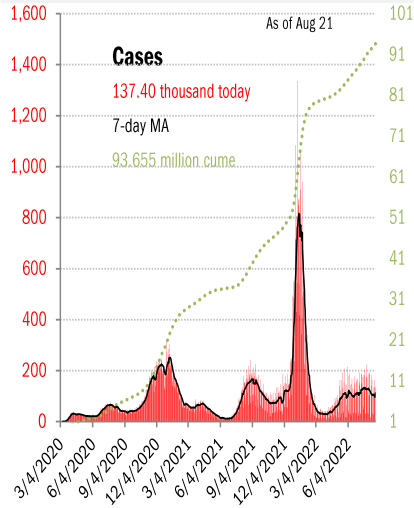
The demographics of US vaccination



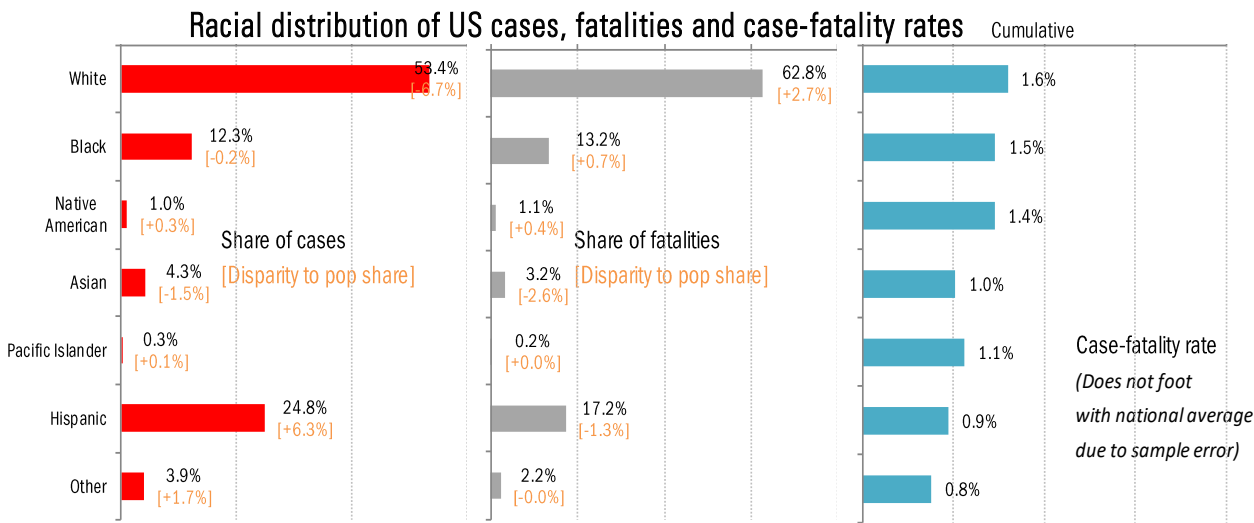
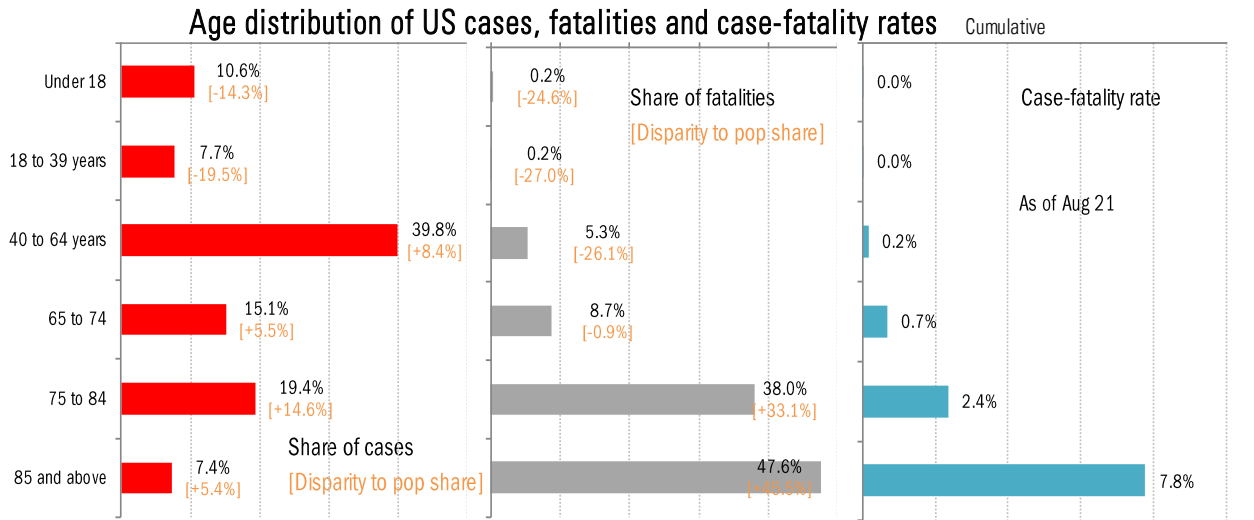
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

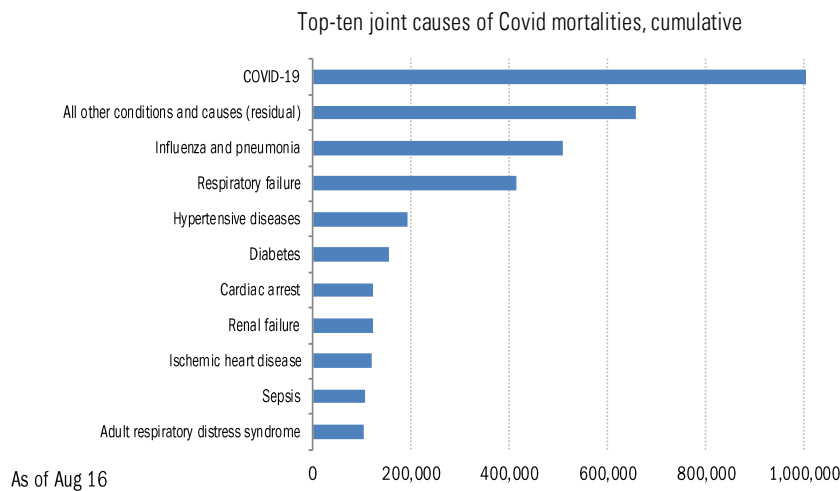
National and state-by-state data do not line up because of different sources



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.

Source: Distributions [CDC](#), Comorbidities [CDC](#), TrendMacro calculations

Recommended reading

[How to Protect Against Monkeypox as School Starts](#)

Knvul Sheikh and Catherine Pearson

New York Times

August 17, 2022

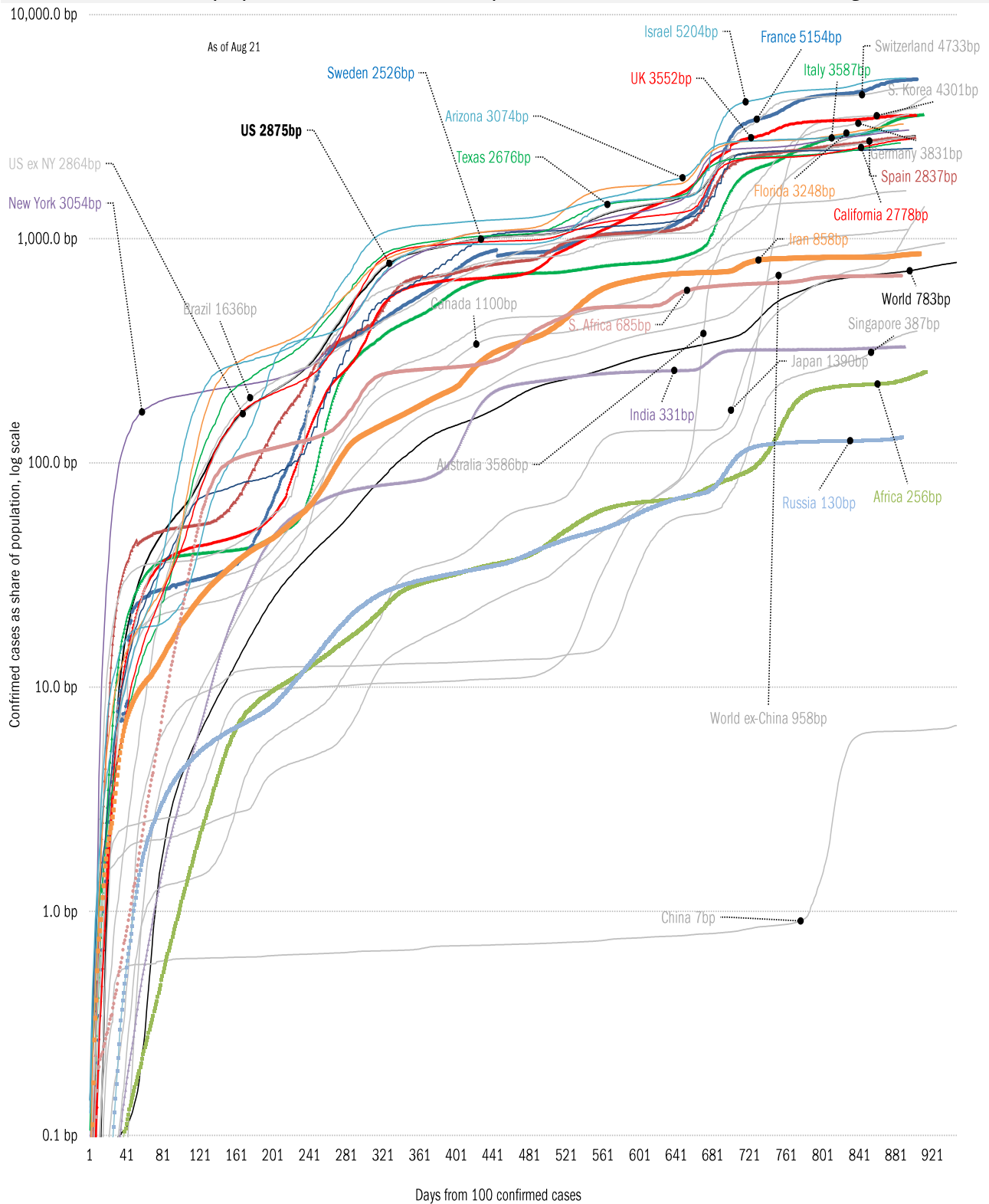
Meme of the day



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

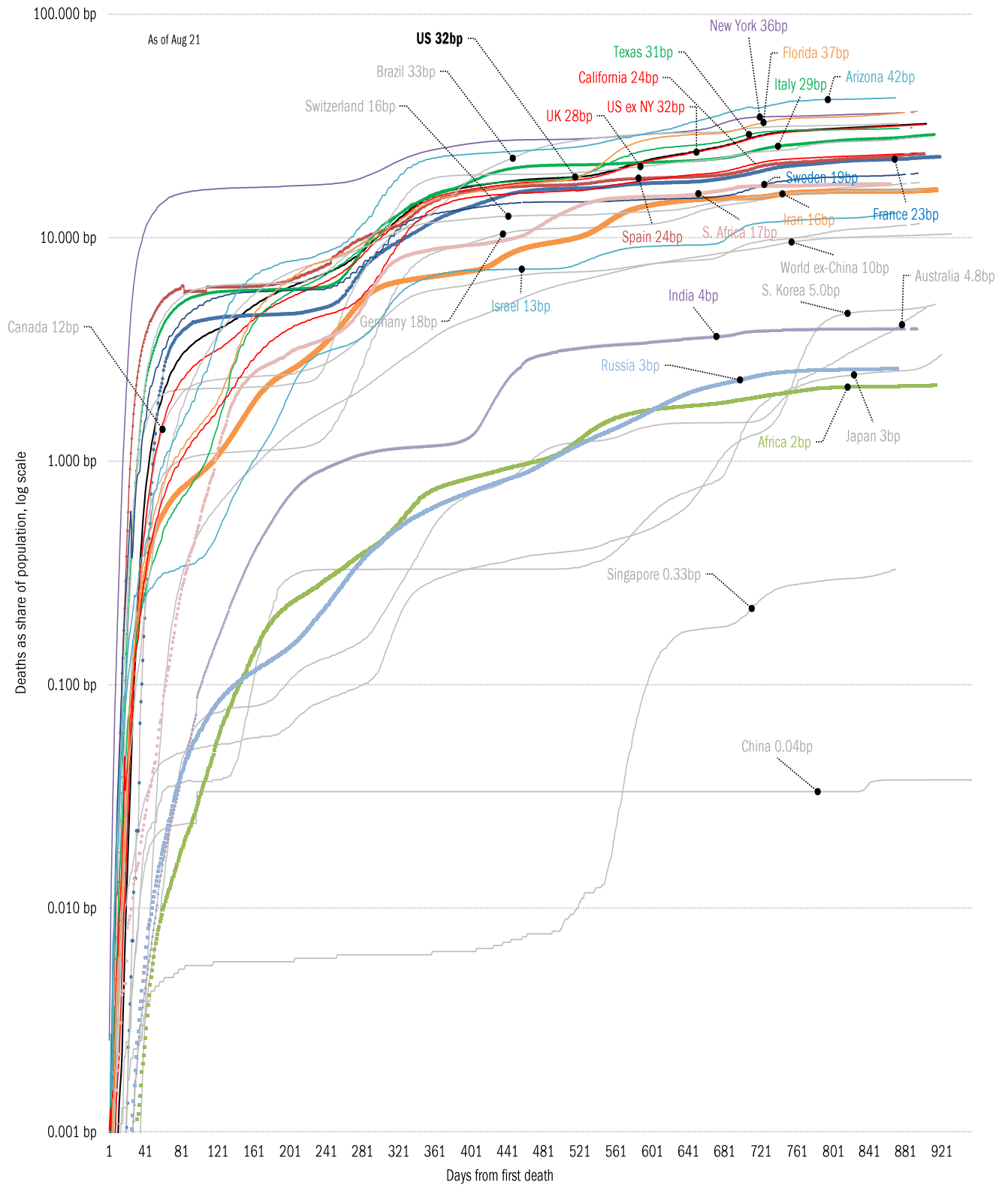
The global coronavirus case accelerometer... tracking the world's infection curves

Share of infected population from first day with 100 confirmed cases, log scale



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

The global 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

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

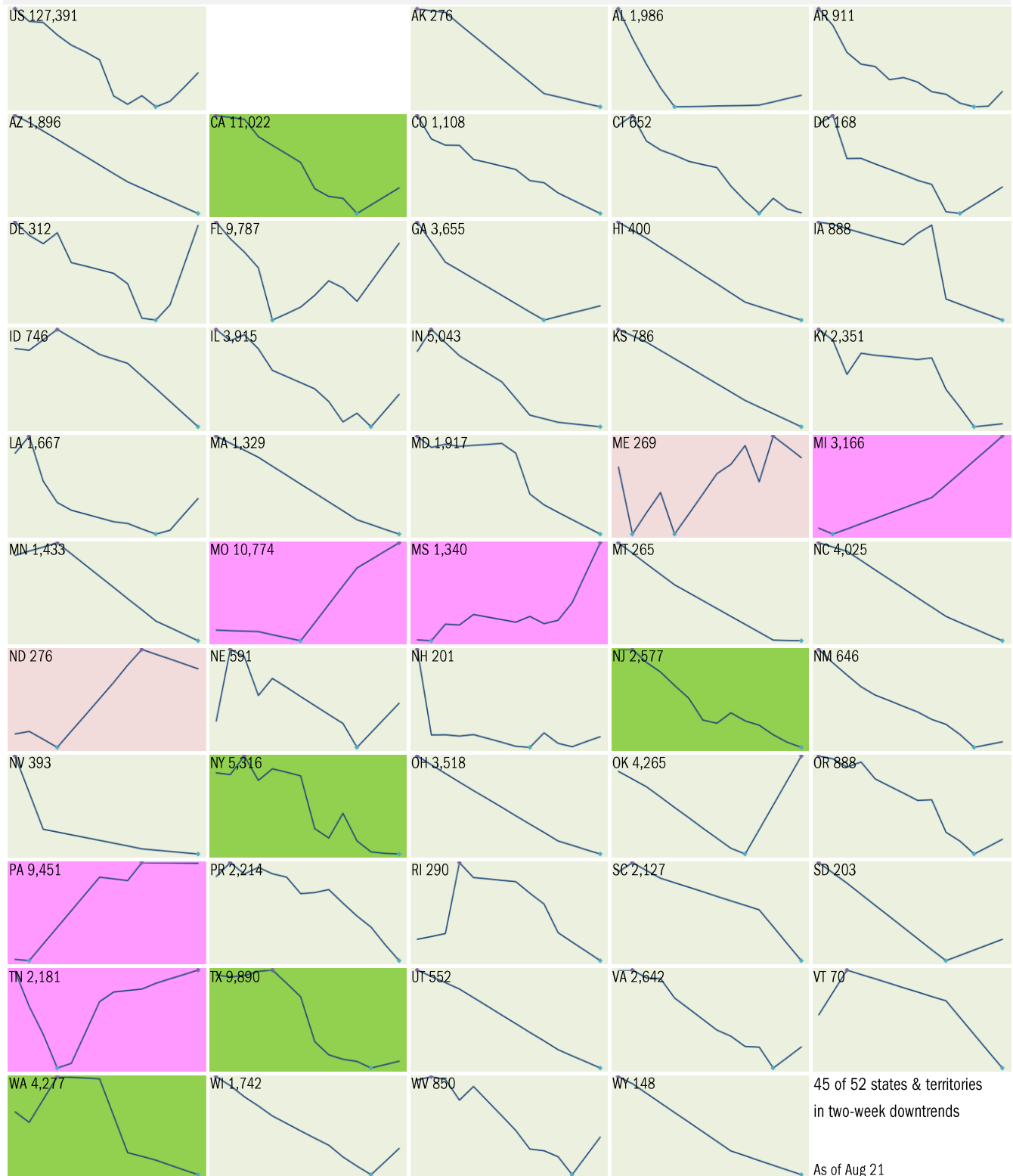


Source: [Johns Hopkins](#), TrendMacro calculations

14-day 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

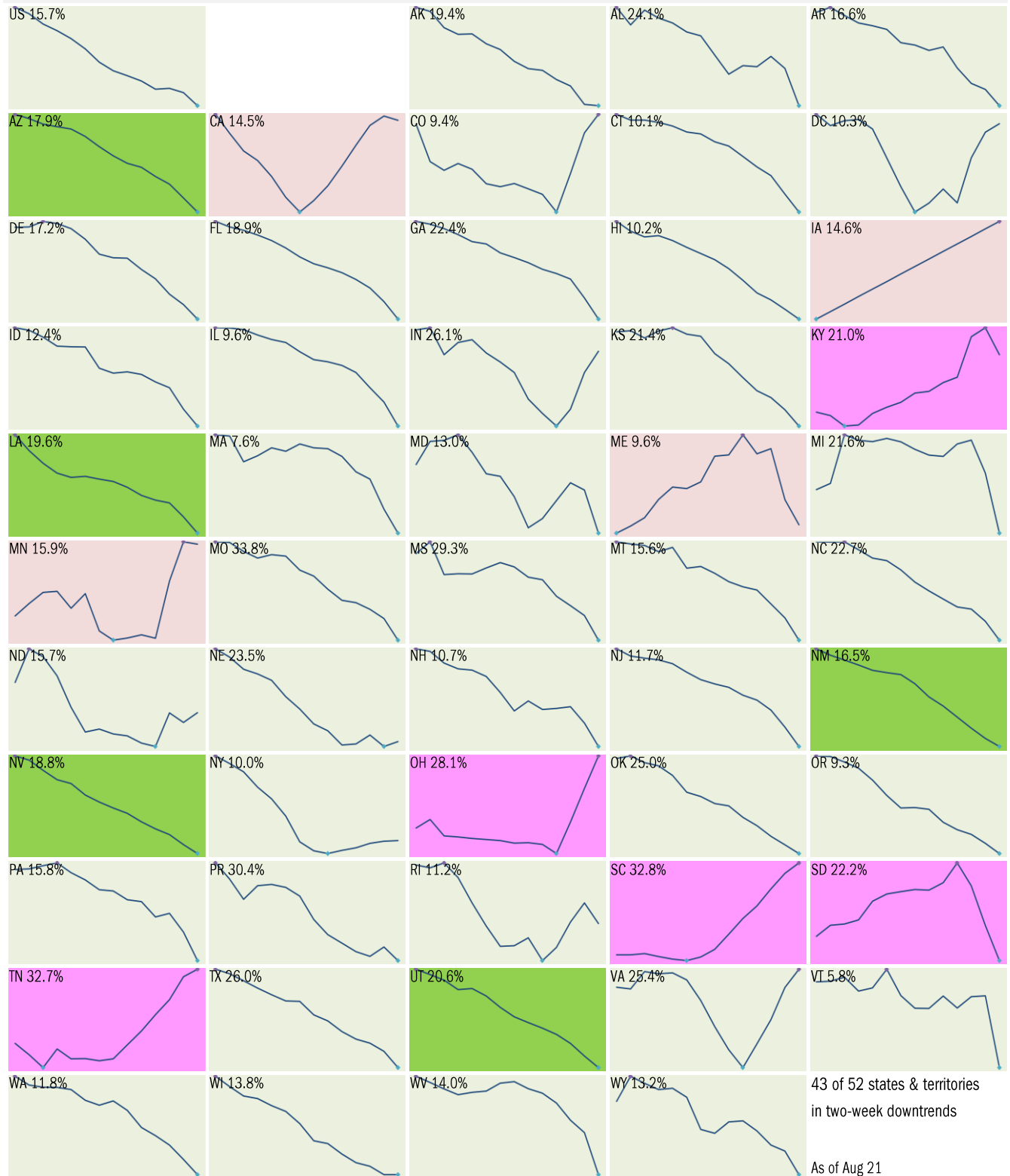


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

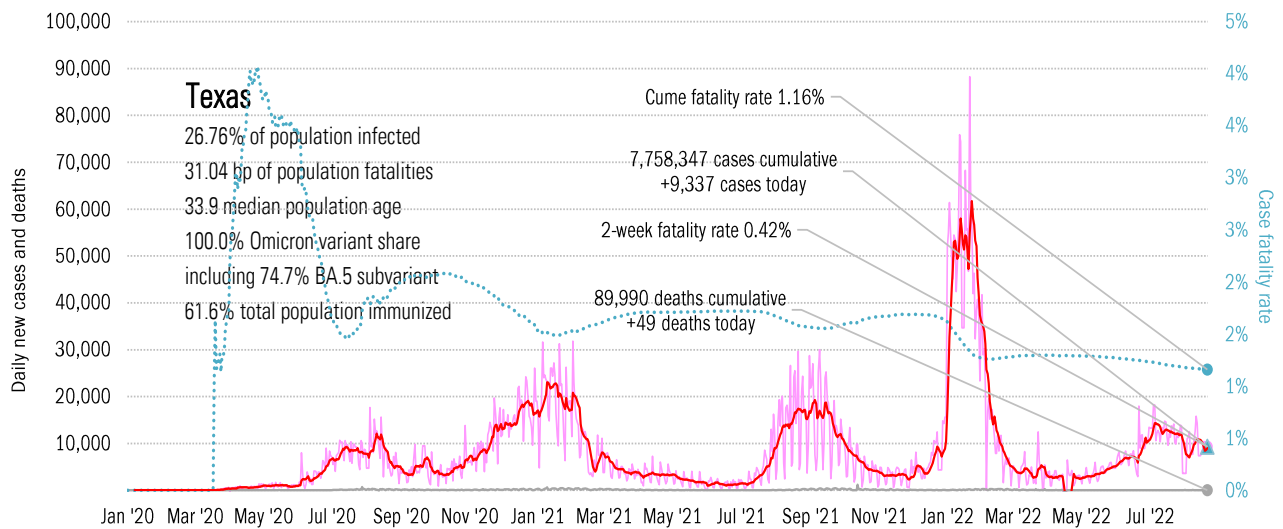
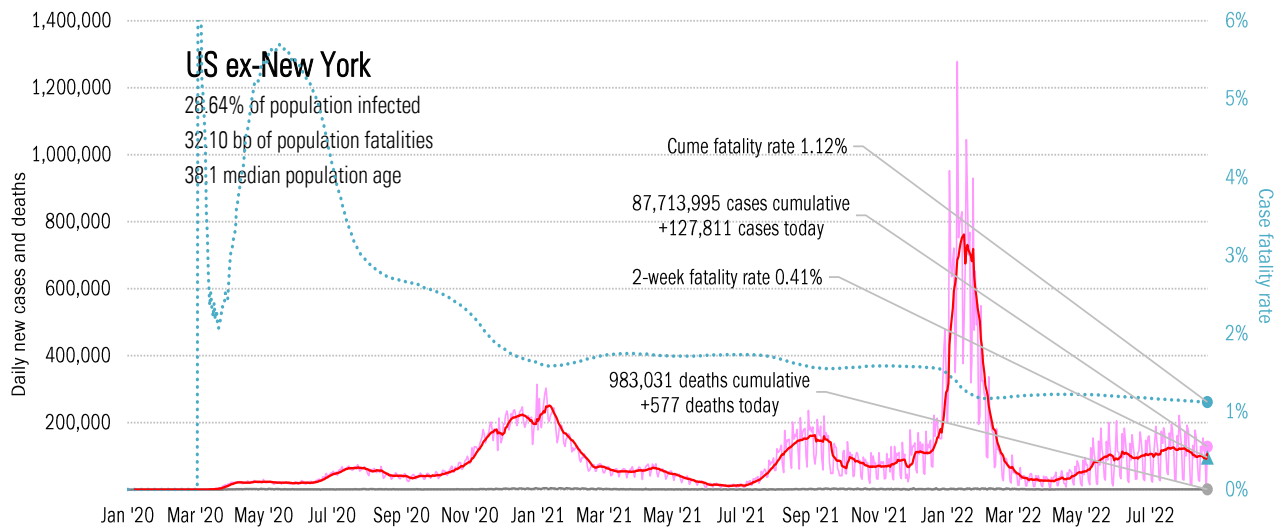
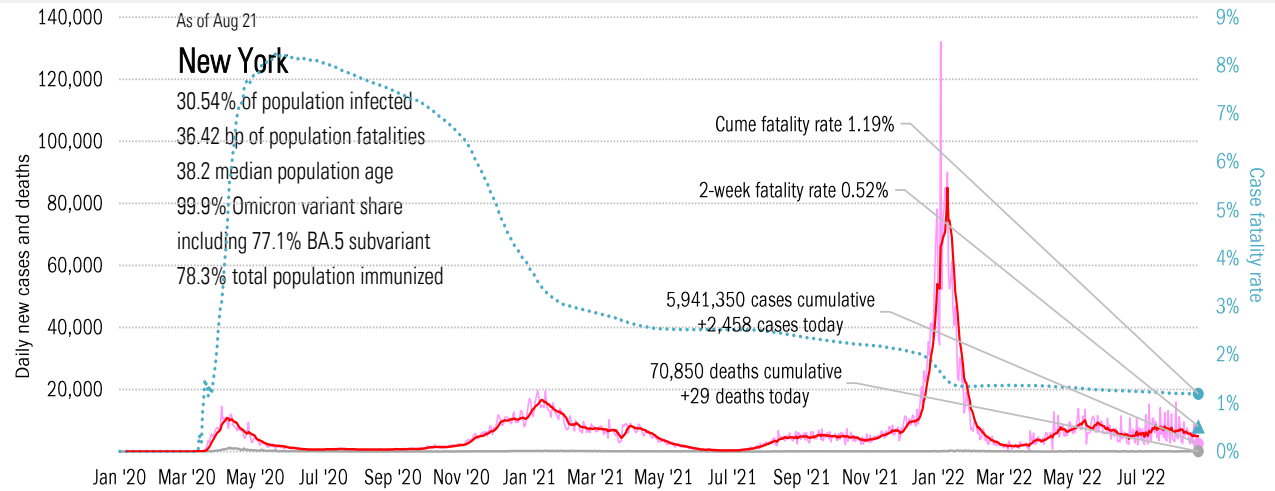
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

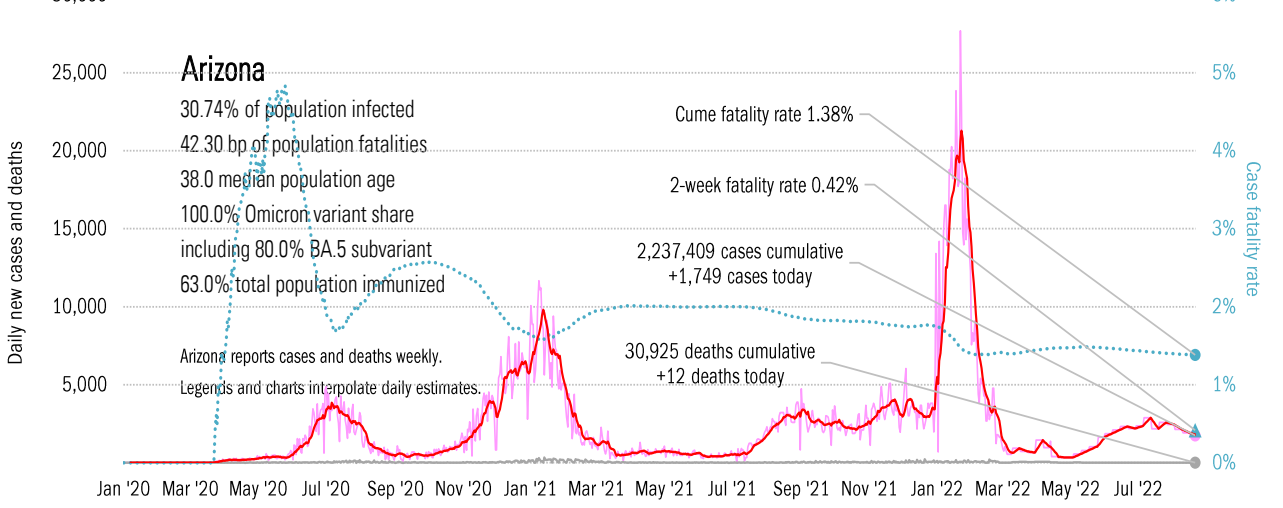
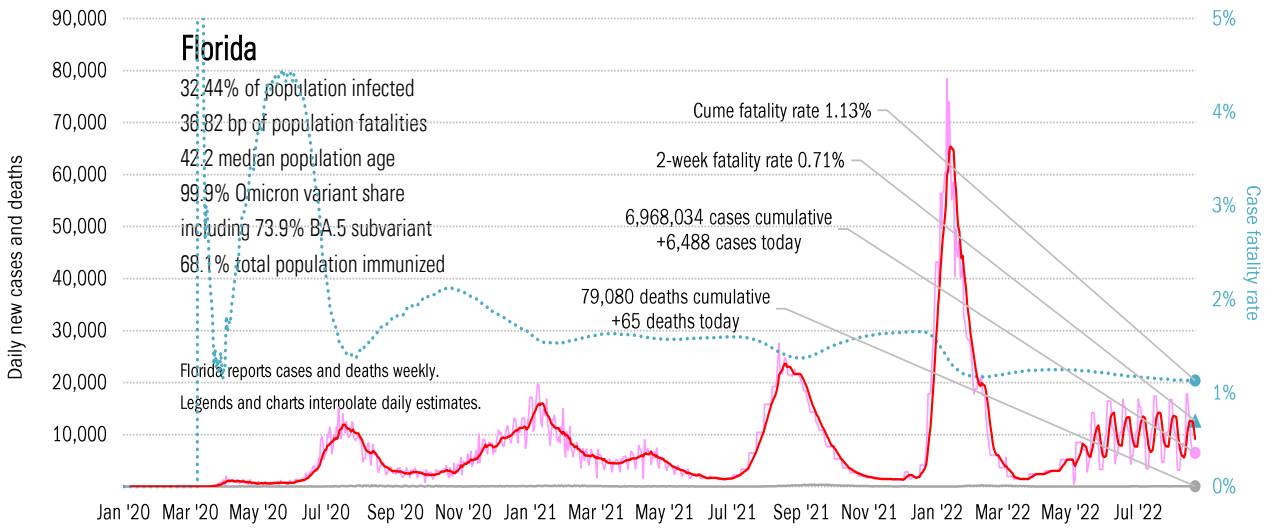
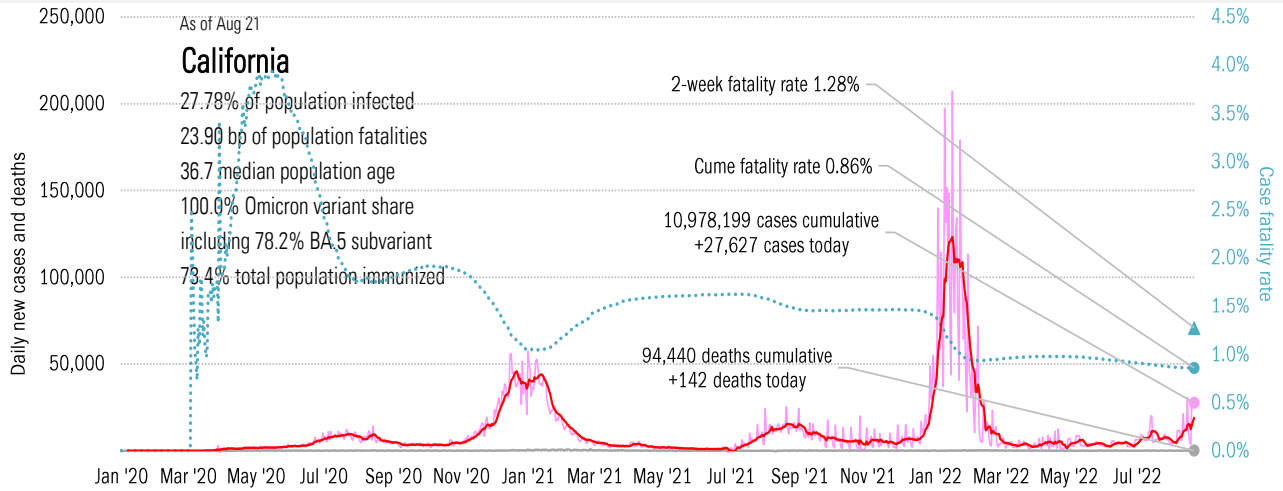
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

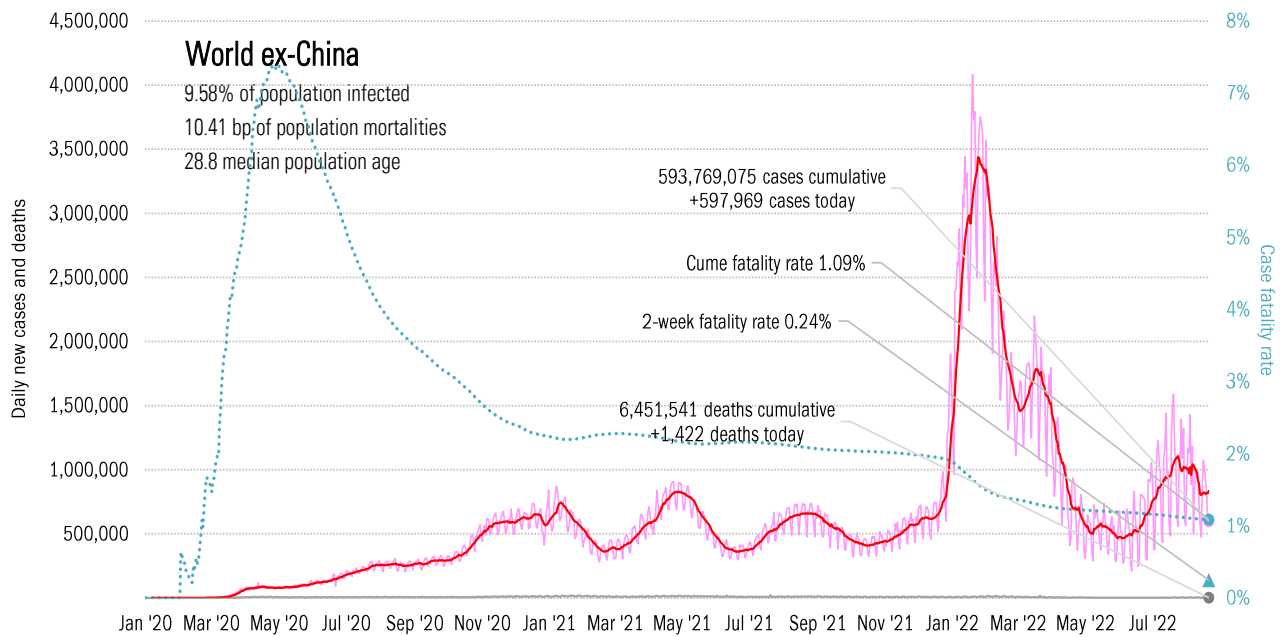
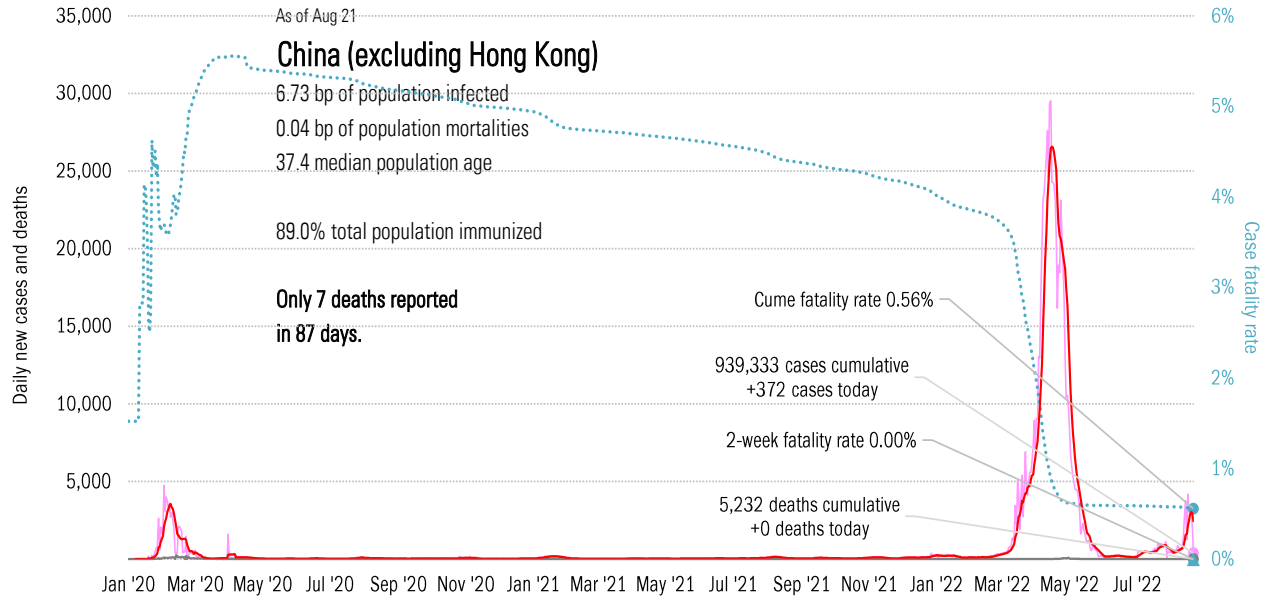
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

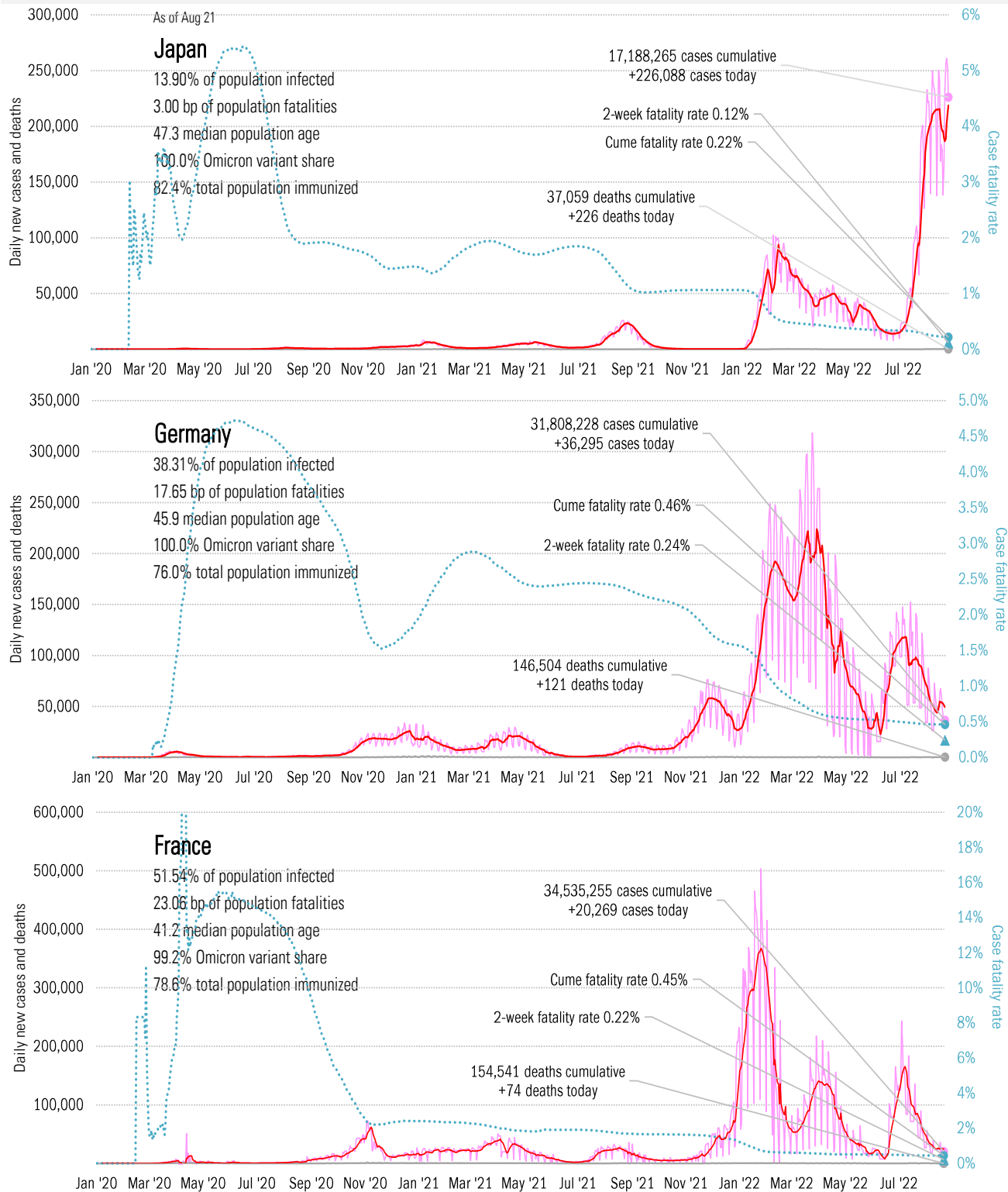
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

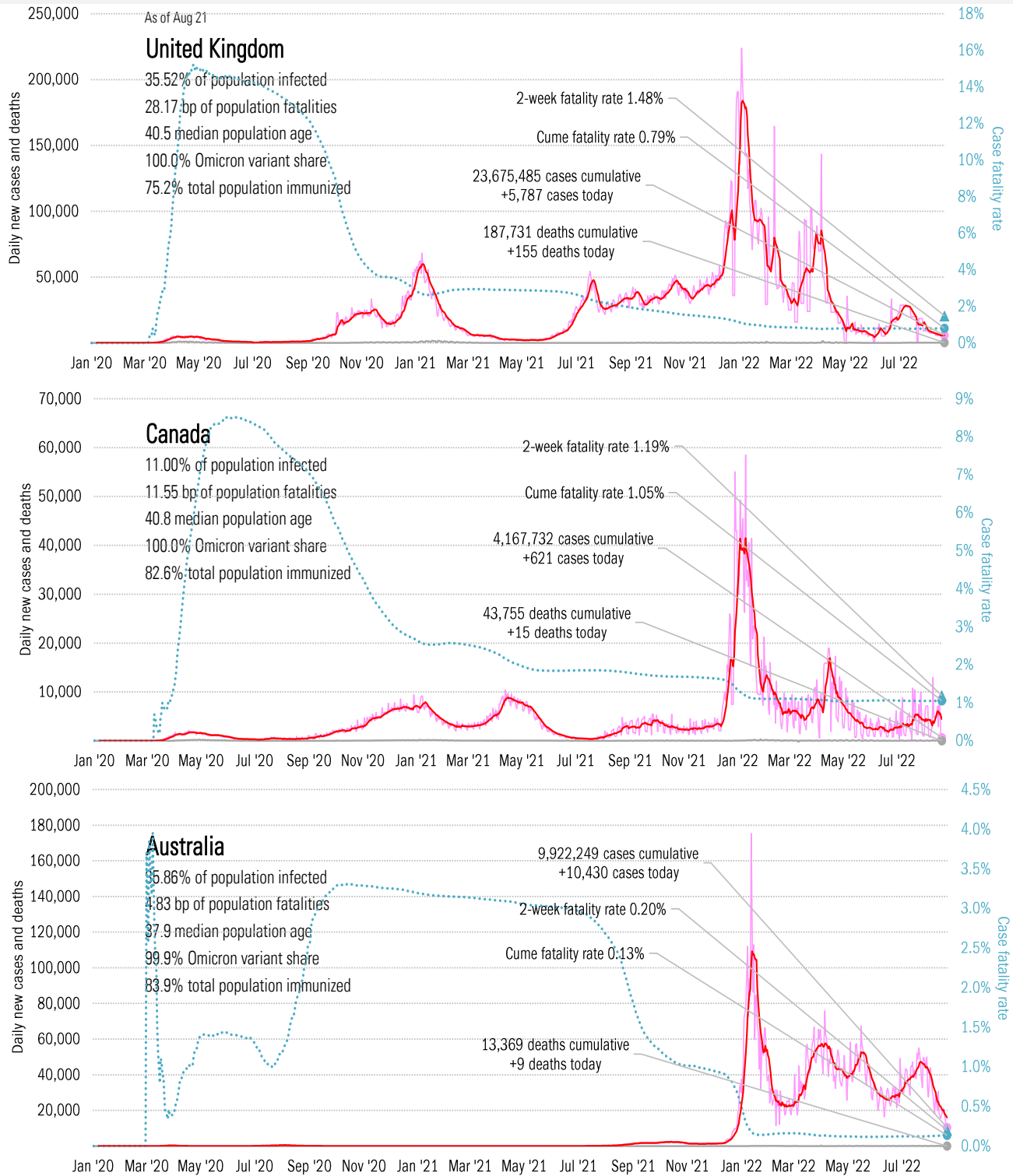
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

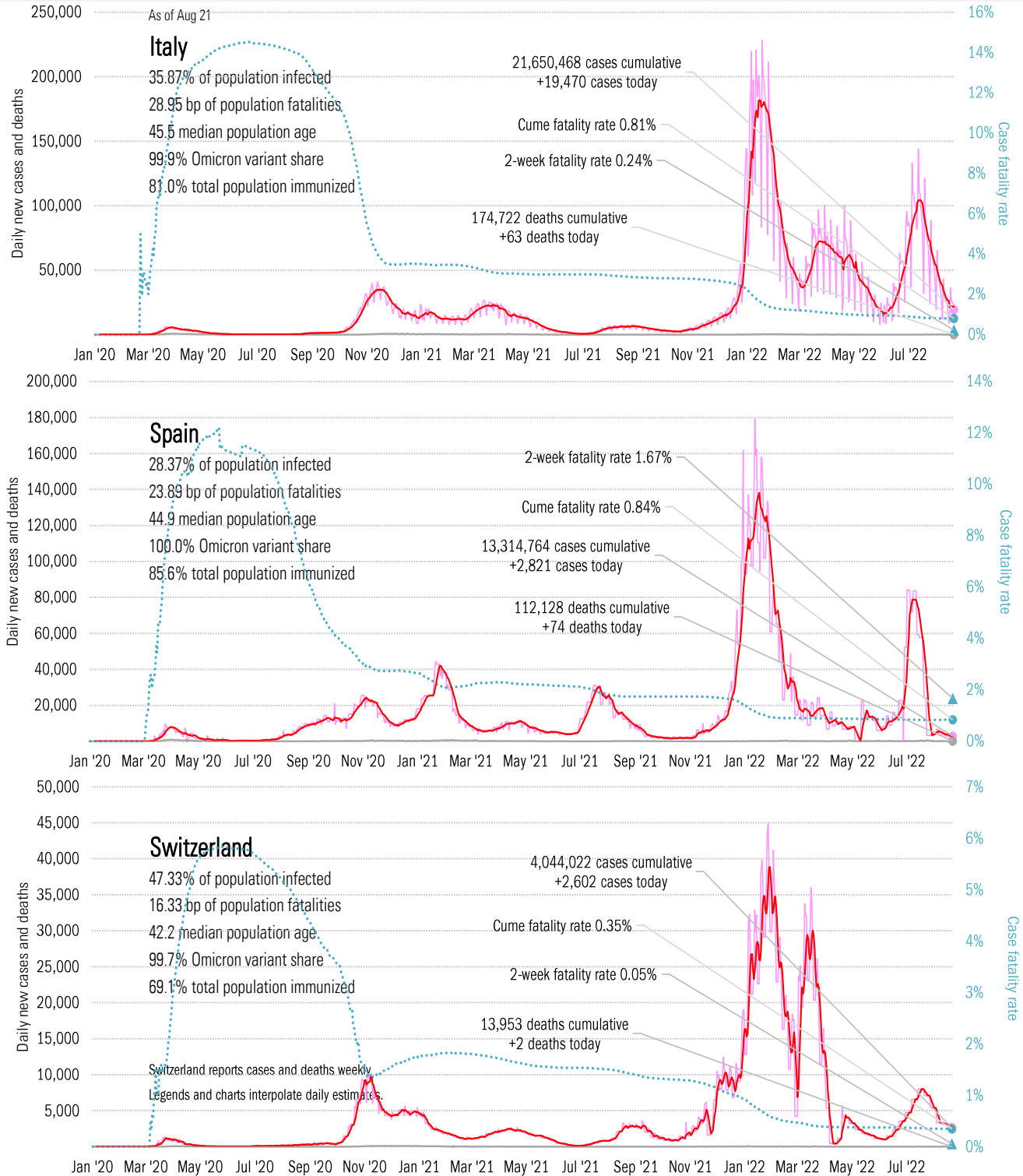
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

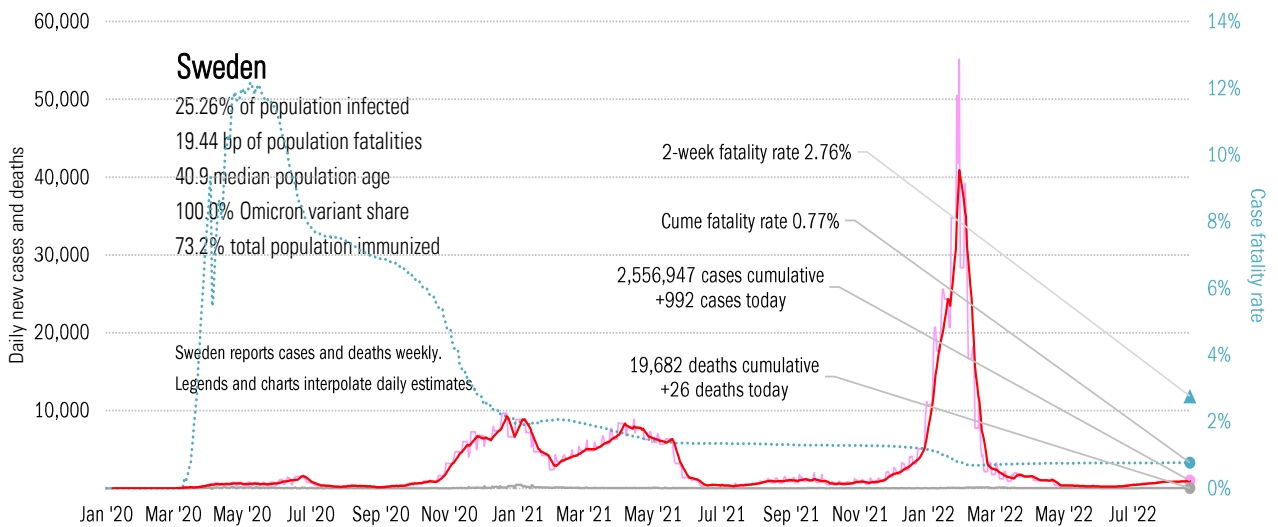
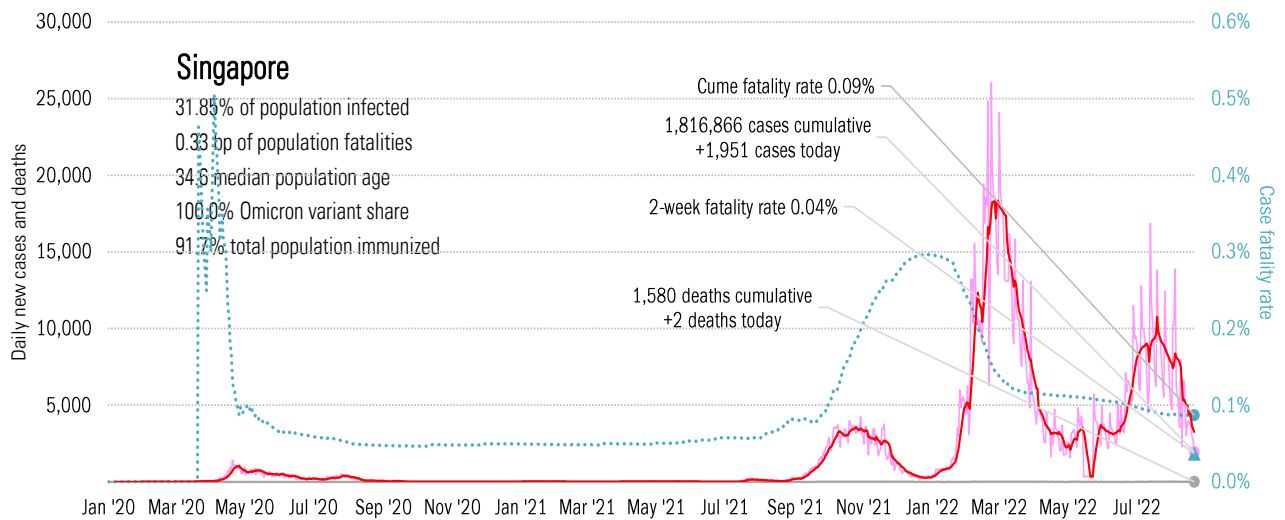
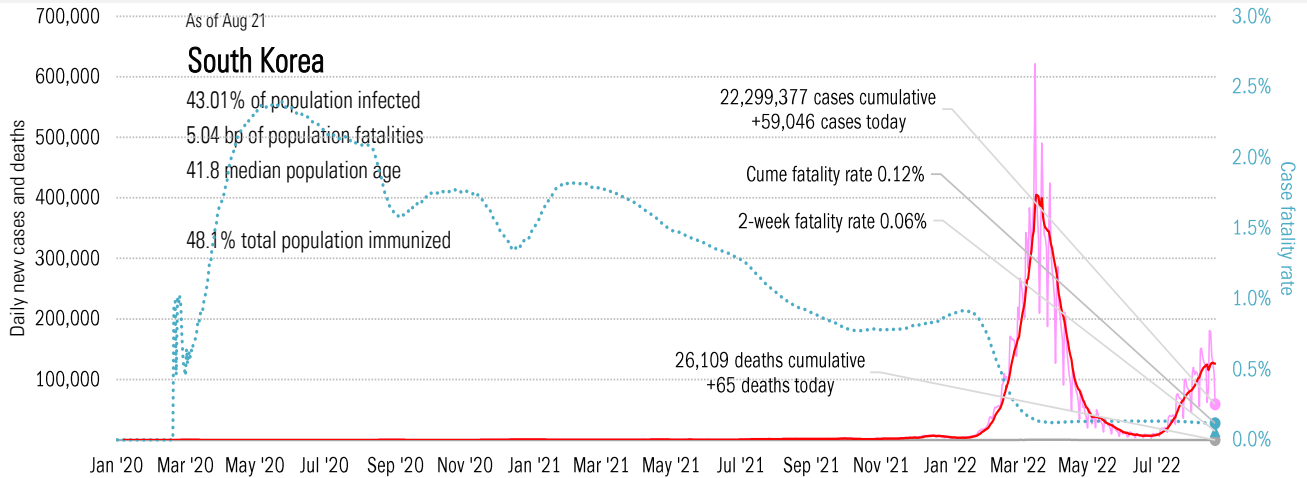
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

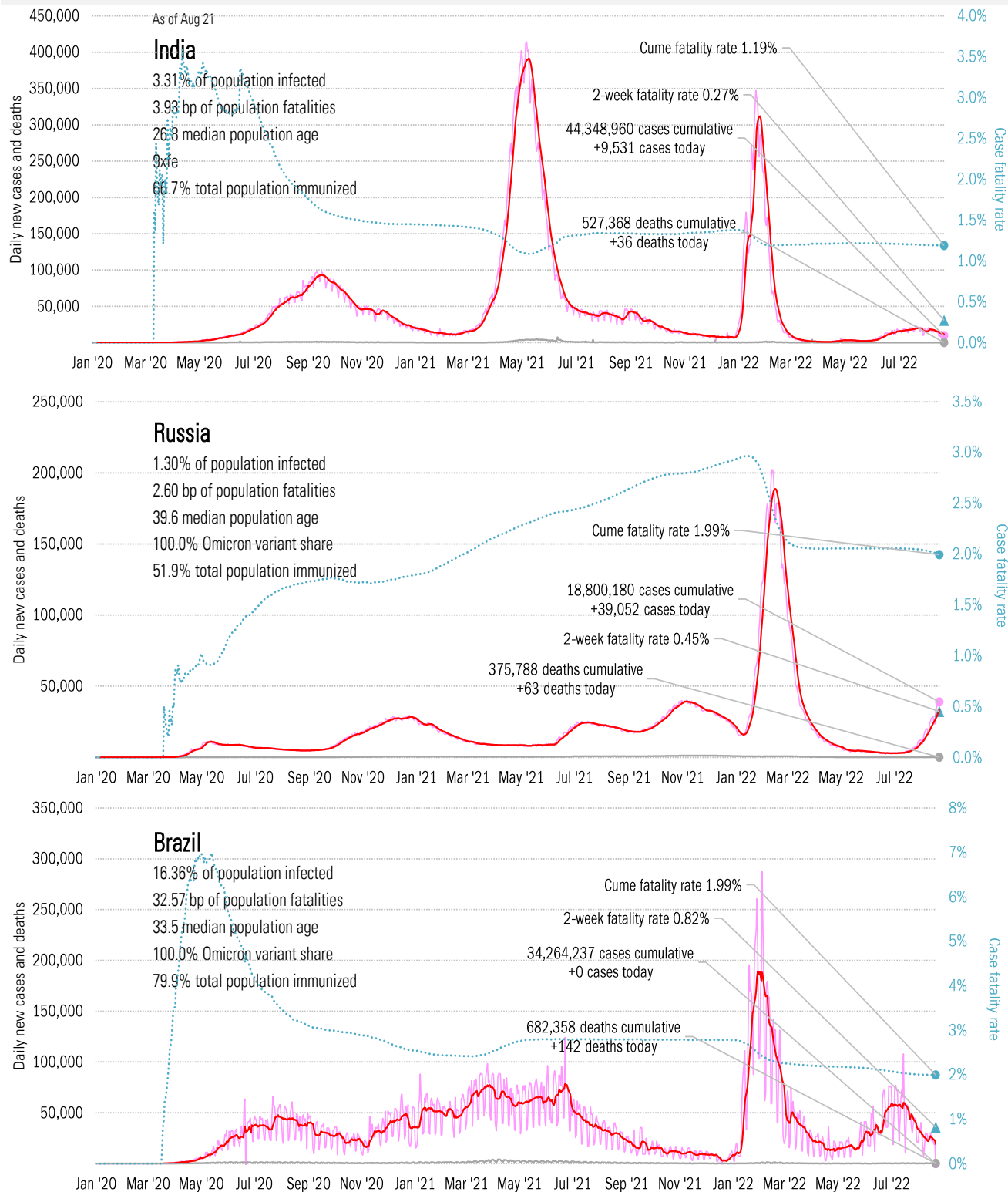
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

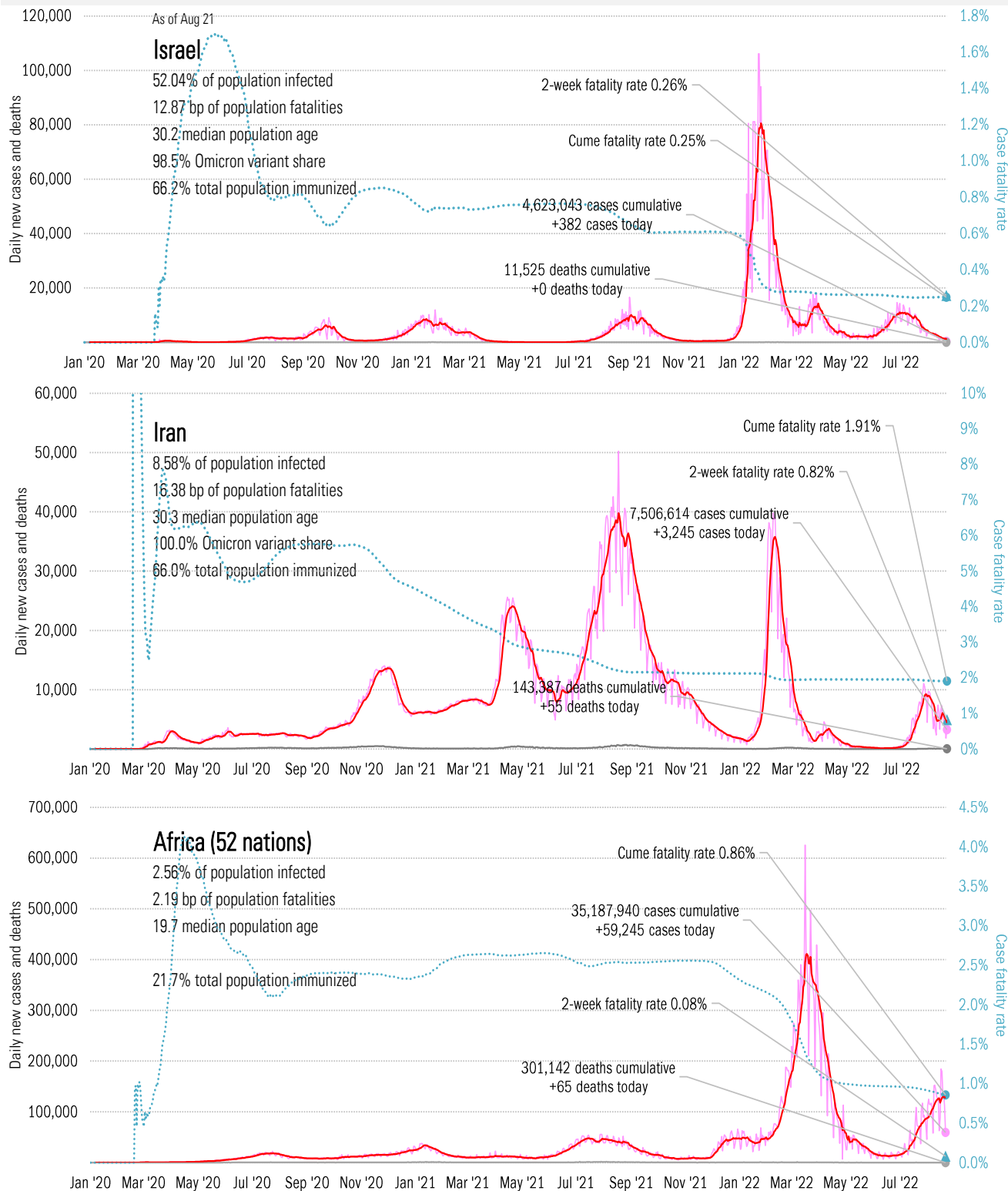
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

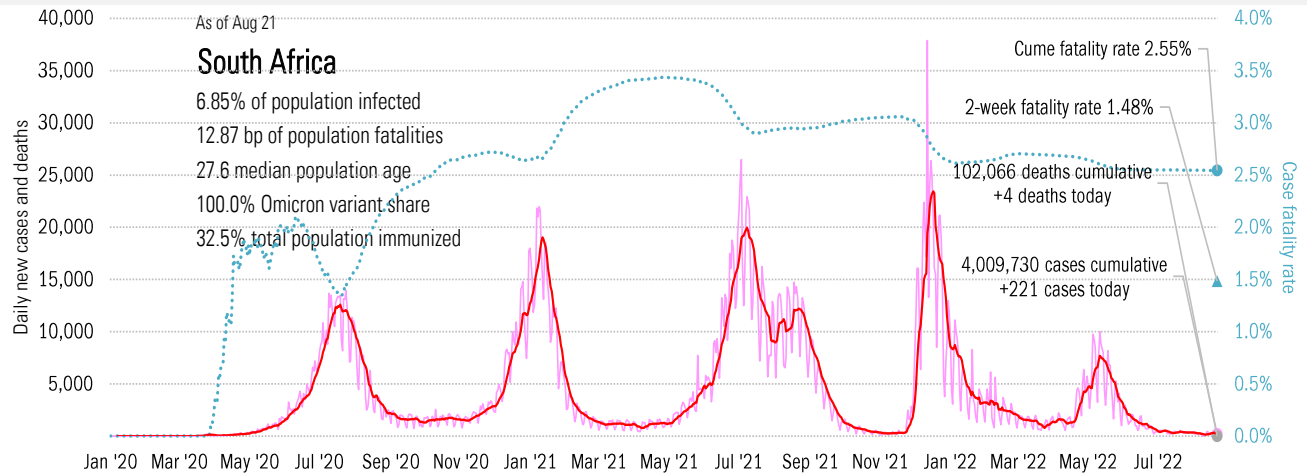
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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