

Data Insights: Covid-2019 Monitor

Saturday, August 13, 2022

The global scorecard

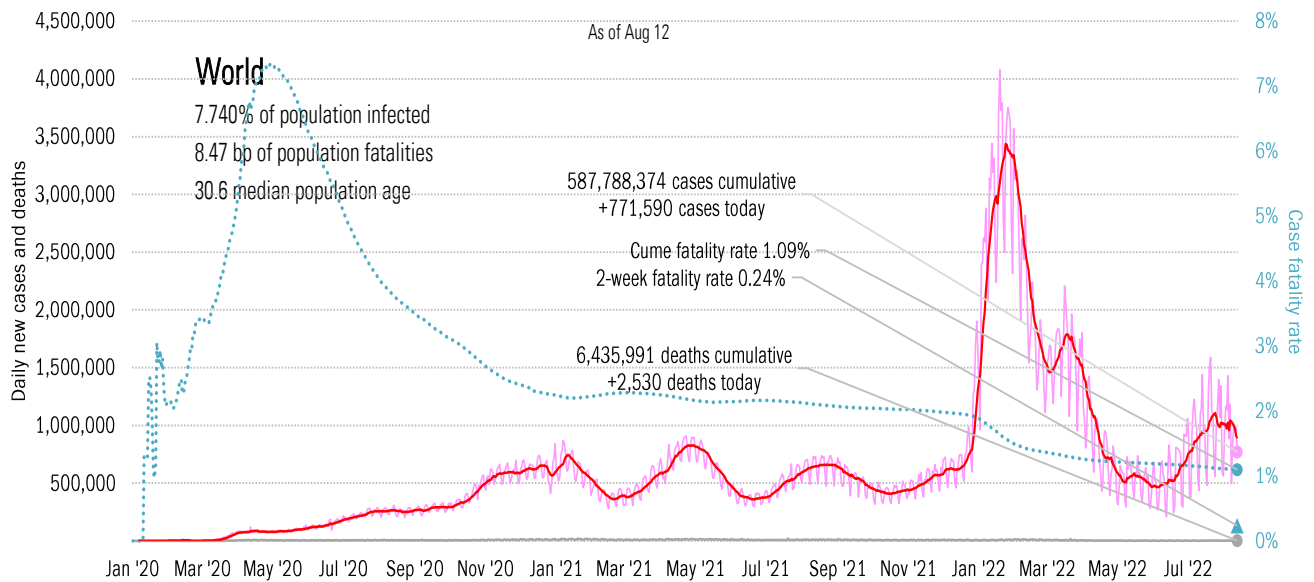
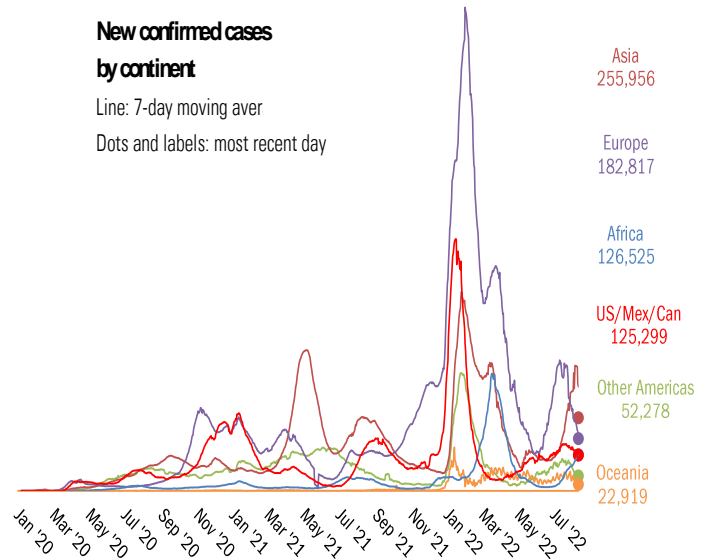
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	169,984	United States	711
Japan	168,718	Spain	328
Korea, South	124,515	Brazil	247
Germany	45,859	Japan	210
Russia	27,494	Italy	152
Italy	26,689	Germany	137
Brazil	23,552	Australia	81
France	22,748	France	74
Taiwan*	21,951	Peru	72
Australia	18,679	India	68
	650,189		2,080
World	771,590	World	2,530
Top ten	84%	Top ten	82%

New confirmed cases by continent

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



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

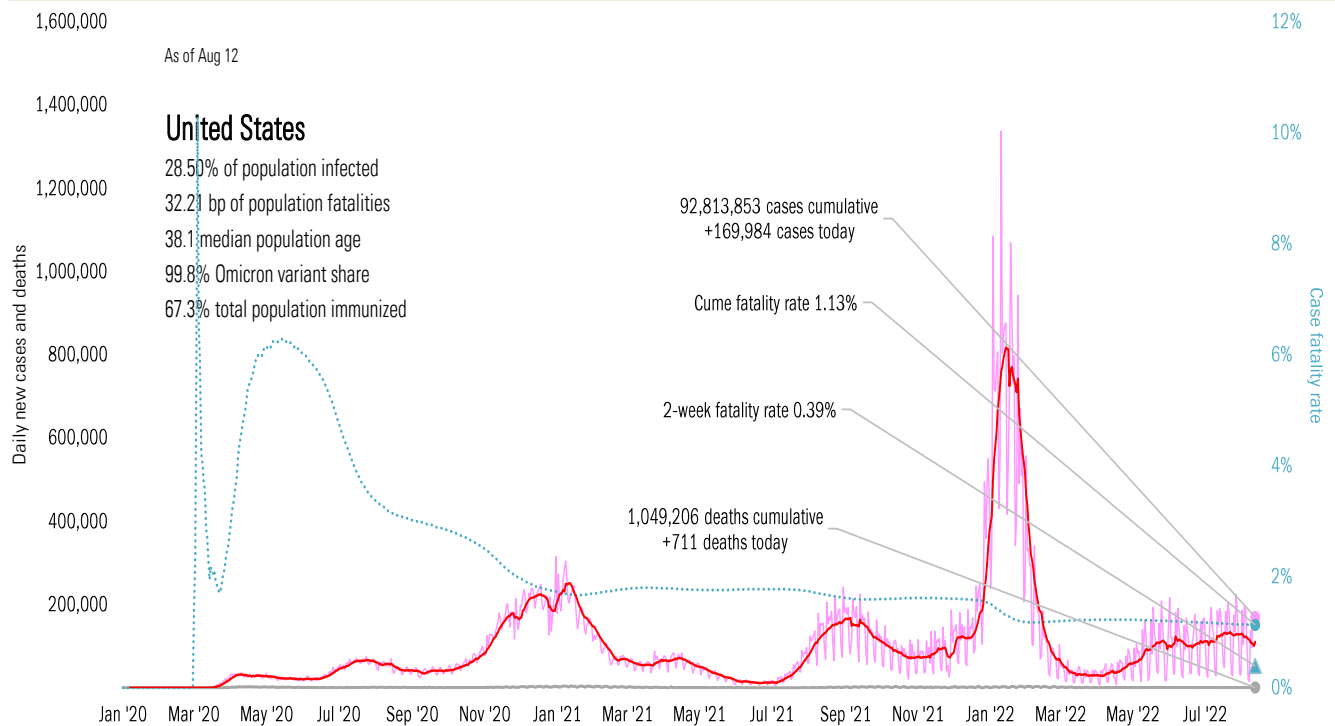
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
CA	35,683		CA	138		WI	121		CA	10,901,301		CA	94,119		TX	528,509		ME	128%	TX	84%
PA	19,078		FL	73		LA	132		TX	7,699,288		TX	89,767		CA	478,560		MT	126%	MA	84%
TX	14,313		AL	52		GA	264		FL	6,888,607		FL	78,454		FL	473,307		RI	90%	AK	83%
MO	8,602		WA	49		PA	231		NY	5,901,562		NY	70,693		NY	285,357		MA	87%	AL	83%
FL	7,740		IN	40		KY	135		IL	3,620,877		PA	46,374		GA	218,520		GA	86%	WA	82%
KS	6,340		TX	40		CH	243		PA	3,125,967		GA	39,319		CH	208,574		MN	85%	NC	82%
NY	6,279		NY	35		NC	194		NC	3,047,625		CH	39,220		PA	194,751		WA	85%	GA	80%
IN	5,165		IL	29		CT	81		CH	3,002,043		IL	39,108		IL	177,944		MO	84%	NH	80%
NC	4,461		GA	21		SC	106		GA	2,803,517		MI	37,671		MI	155,424		MD	84%	VT	79%
WA	3,776		NE	20		MA	107		MI	2,708,622		NJ	34,396		KY	140,322		WV	83%	DC	79%
111,438			497			1,614			49,699,409			569,121			2,861,268						
All states	169,984			711			6,216		All states	92,813,853			1,049,206			5,191,829		All states	70%		67%
Top ten	66%			70%			26%		Top ten	54%			55%			55%		Median	77%		72%

Some states not reporting

Five most improved US states

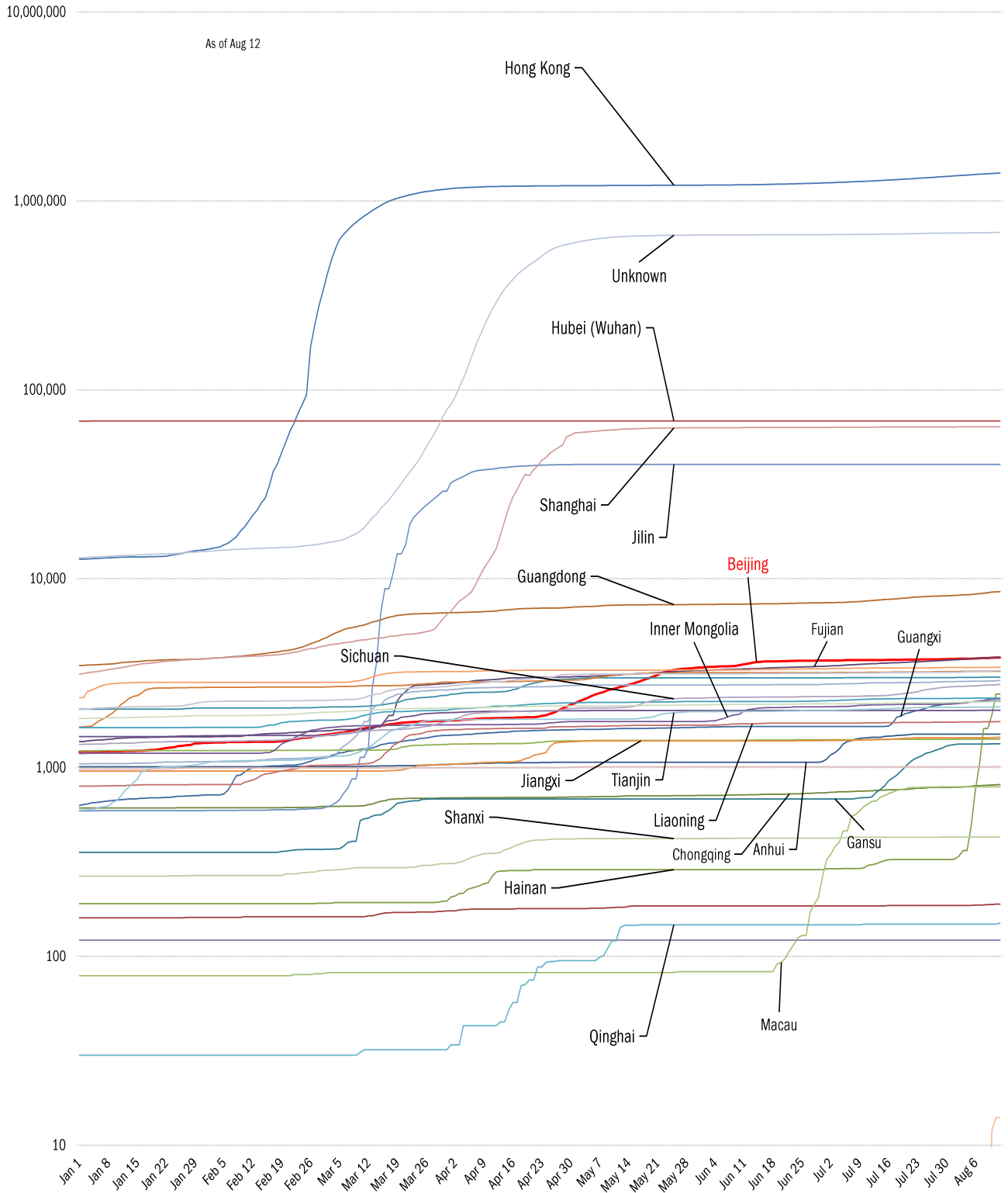
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
WA	-4,430	FL	-16	IL	-71
IL	-1,992	NY	-13	NY	-69
AL	-1,908	MD	-6	MD	-66
KY	-1,683	VA	-5	TN	-48
TX	-1,505	LA	-4	OK	-33



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

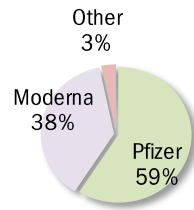
Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	621,444,280	+0.283 million	US	67.3%	78.9%
of which boosters	109,972,682	+0.058 million	UK	75.1%	79.9%
	One dose	% Pop	Immune	% pop	New immune today
Total population	270,117,600	81%	229,954,609	69%	+0.075 million
Age 12 to 17	18,064,522	71%	15,437,321	61%	+0.004 million
Age 18 to 64	180,518,346	89%	153,379,710	75%	+0.053 million
Age 65 and over	59,627,302	100%	52,161,862	95%	+0.006 million

France	78.6%	80.9%
Spain	85.5%	86.9%
Germany	76.0%	77.6%
Italy	81.0%	85.8%
Australia	83.9%	86.5%
Israel	66.2%	72.3%
Canada	82.6%	86.0%
Japan	82.3%	83.5%
Africa	21.4%	27.5%
India	66.6%	72.7%
Brazil	79.8%	86.8%
China	89.0%	91.3%

Global data differs due to sources, timing



State	Full immunity as % population
AK	71.3%
HI	63.2%

State	Best
At least partial immunity as % population	Middle
Full immunity as % population	Worst

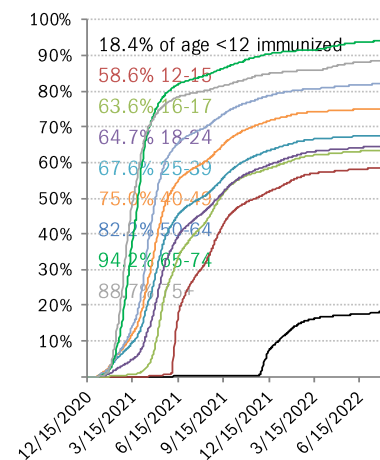
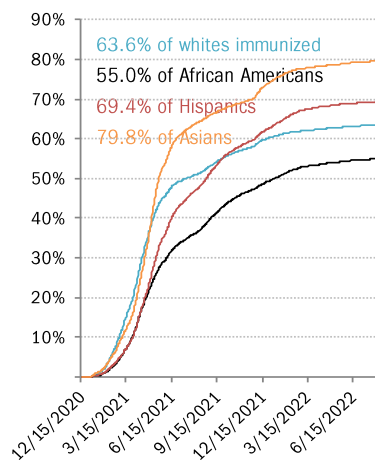
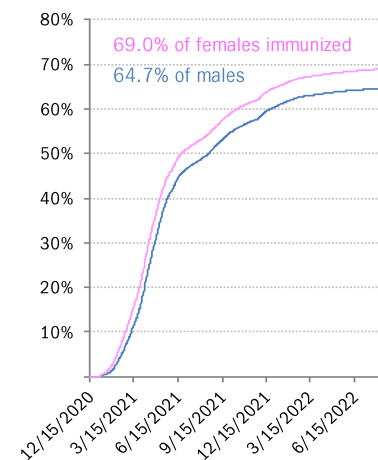
"Immunity" = two doses

Best
Middle
Worst

As of Aug 11

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
82.5%	62.2%	66.3%	66.8%	76.5%	77.1%	67.9%	91.7%	95.0%	90.3%	
73.5%	55.0%	57.7%	56.5%	70.1%	69.5%	60.9%	78.3%	82.6%	72.1%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
79.1%	76.8%	59.0%	78.7%	69.0%	63.0%	64.2%	87.2%	92.1%	95.0%	
70.6%	61.8%	51.7%	63.4%	62.8%	56.7%	59.2%	70.2%	76.9%	80.6%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
83.8%	73.3%	81.1%	71.5%	67.4%	67.3%	66.1%	87.6%	88.5%	95.0%	95.0%
73.3%	65.1%	71.4%	64.6%	57.1%	58.3%	58.5%	74.4%	77.1%	80.6%	84.5%
AZ	NM	KS	AR	TN	NC	SC	DC	DE		
75.1%	90.1%	73.9%	68.0%	63.2%	86.9%	69.1%	95.0%	85.0%		
62.9%	72.5%	63.1%	55.4%	55.3%	63.2%	58.1%	78.1%	70.7%		
OK	LA	MS	AL	GA						
72.5%	61.9%	60.7%	63.8%	66.5%						
58.4%	54.2%	52.8%	52.0%	55.7%						
TX										
74.2%										
61.5%										
WI										
73.0%										
66.5%										
ME										
92.9%										
81.0%										
HI										
89.3%										
79.6%										
FL										
80.7%										
68.0%										
PR										
95.0%										
84.0%										

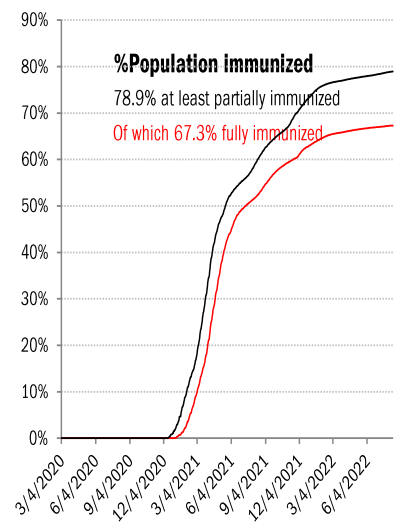
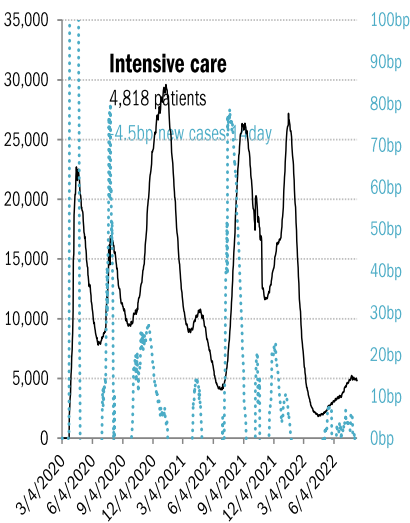
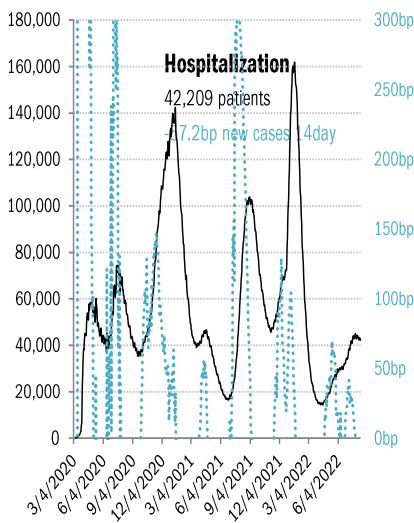
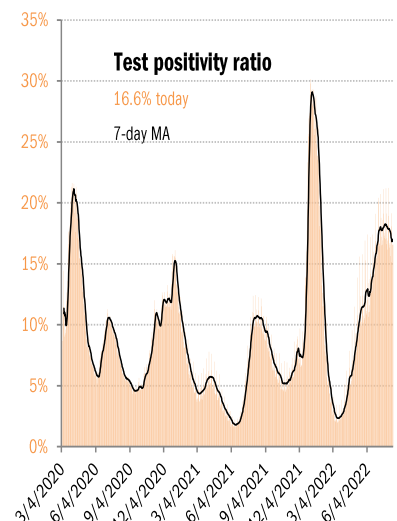
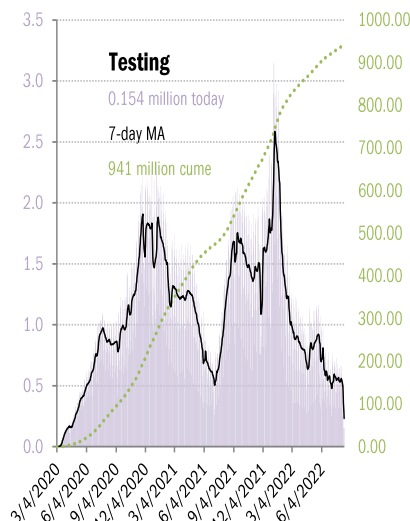
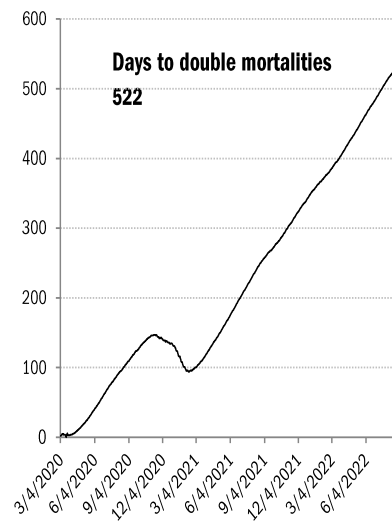
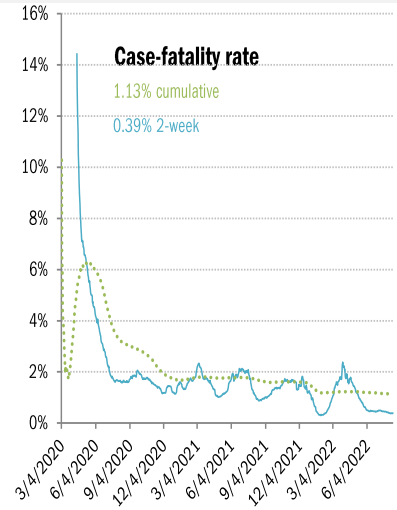
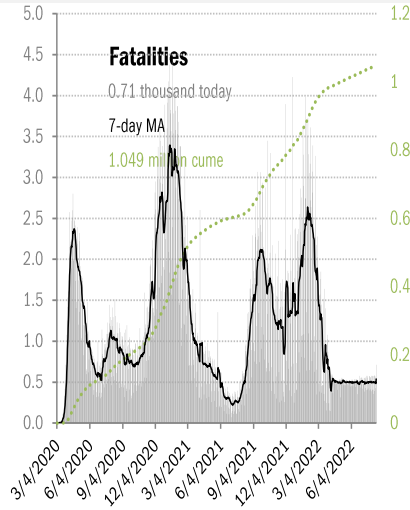
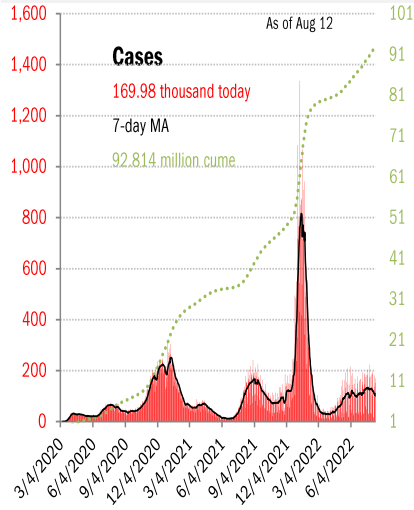
The demographics of US vaccination



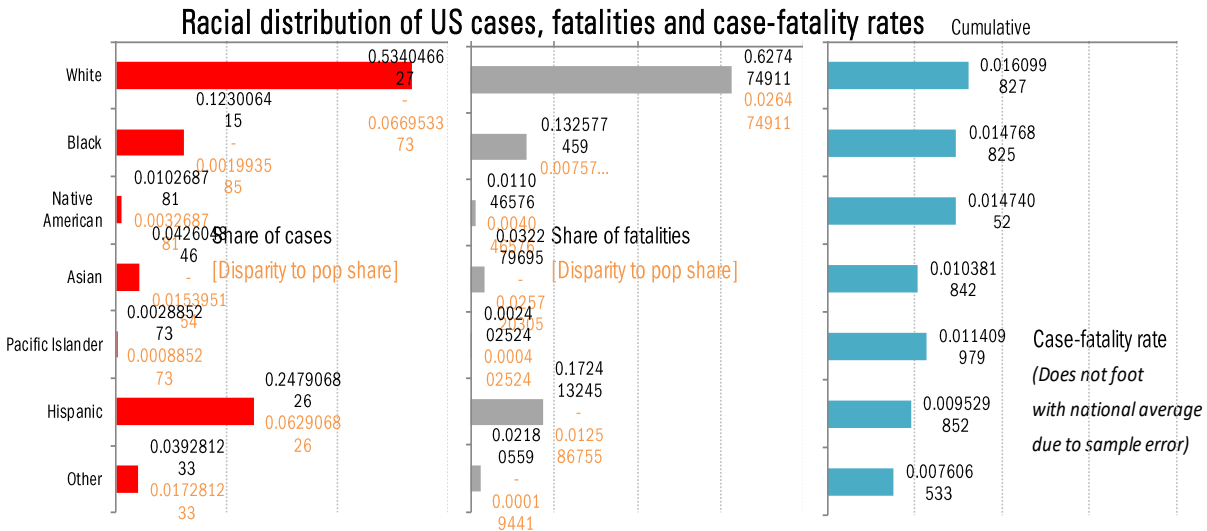
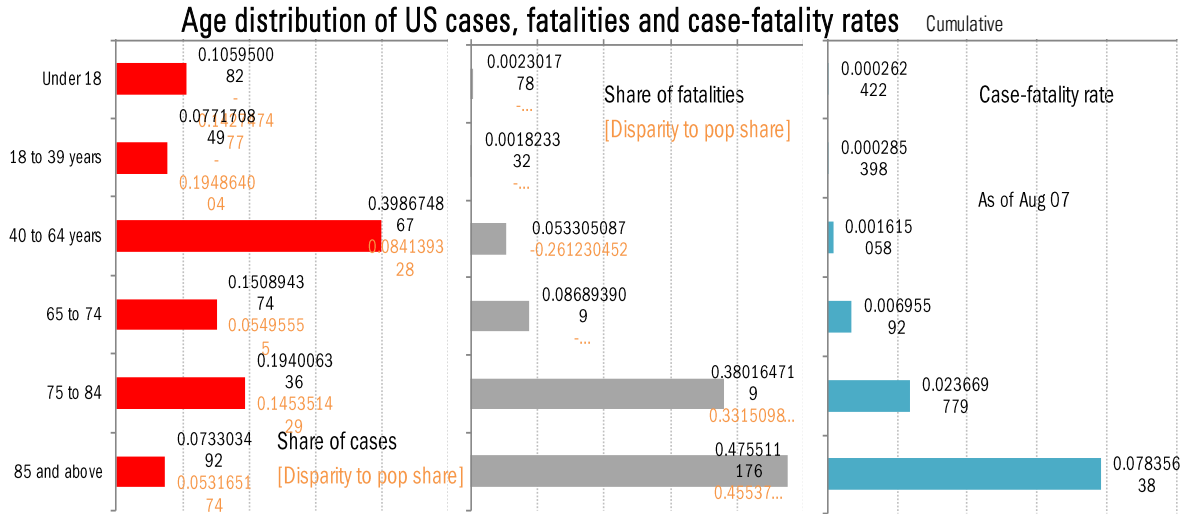
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

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

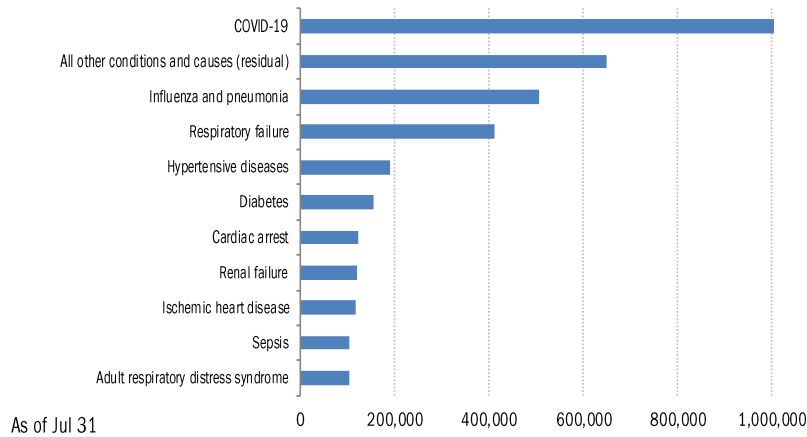


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[The White House and Twitter Censorship](#)

Wall Street Journal

August 12, 2022

[The White House privately demanded Twitter ban me months before the company did so](#)

Alex Berenson

Unreported Truths

August 12, 2022

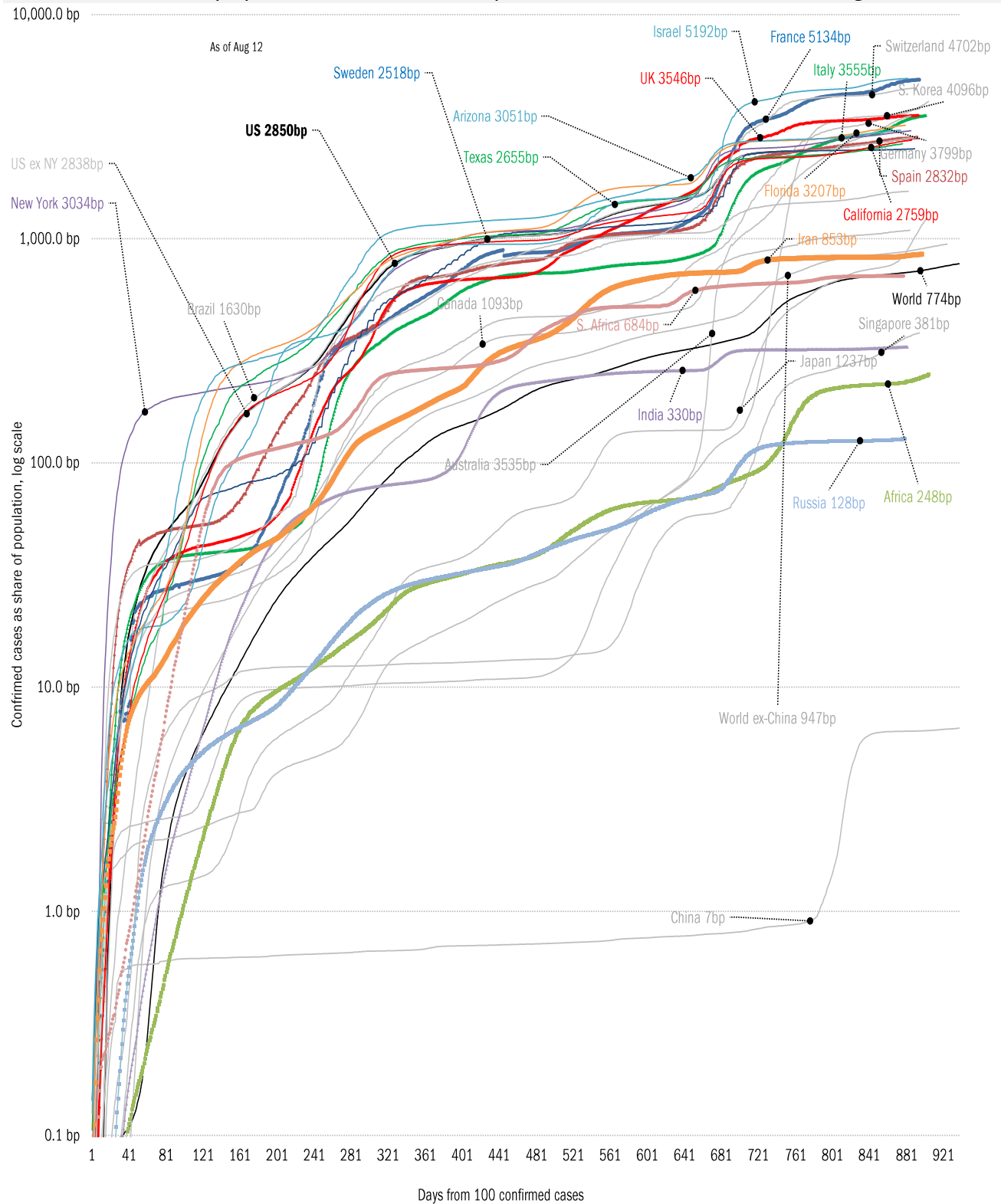
Meme of the day



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

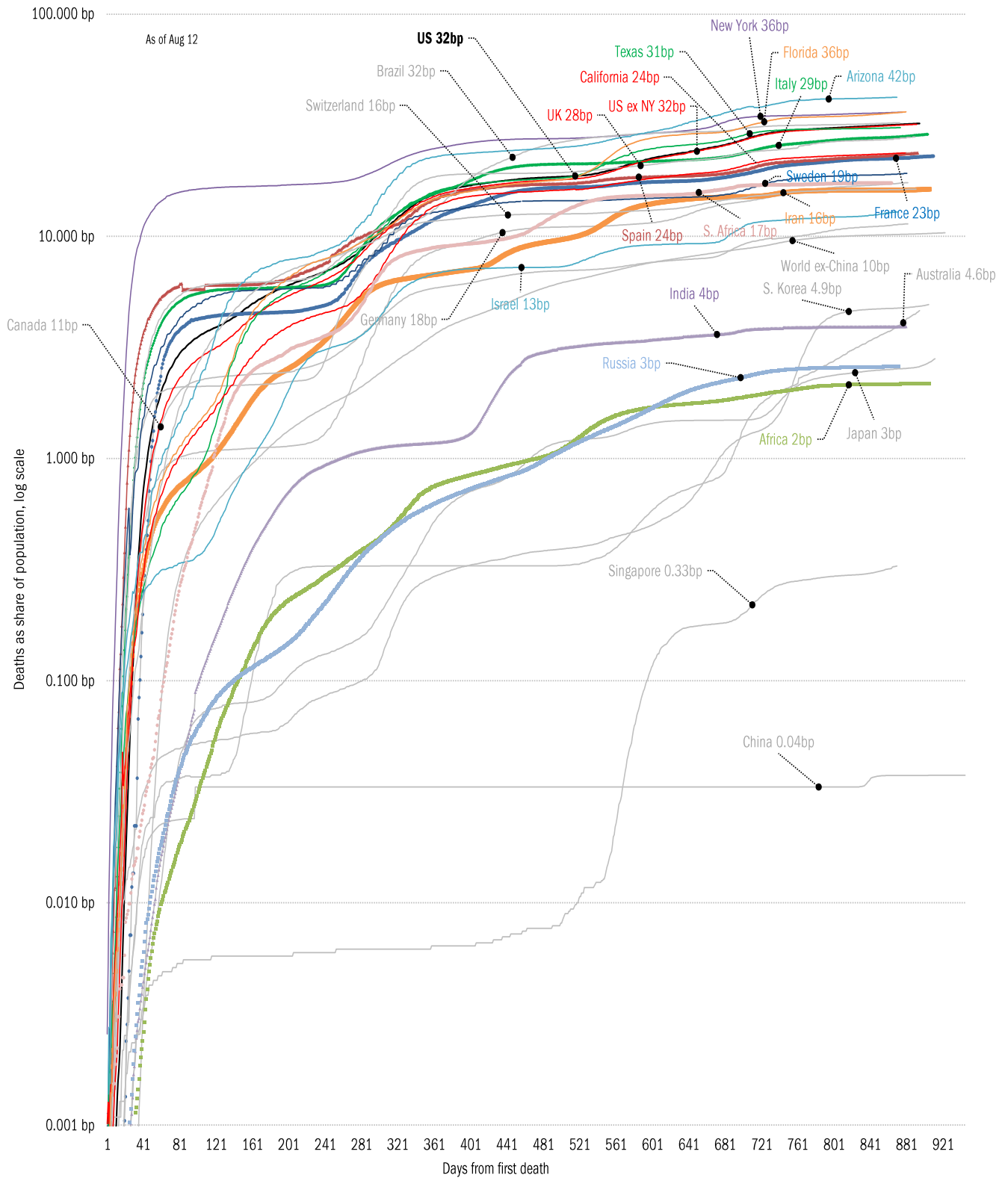
The global coronavirus case accelerometer... tracking the world's infection curves

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

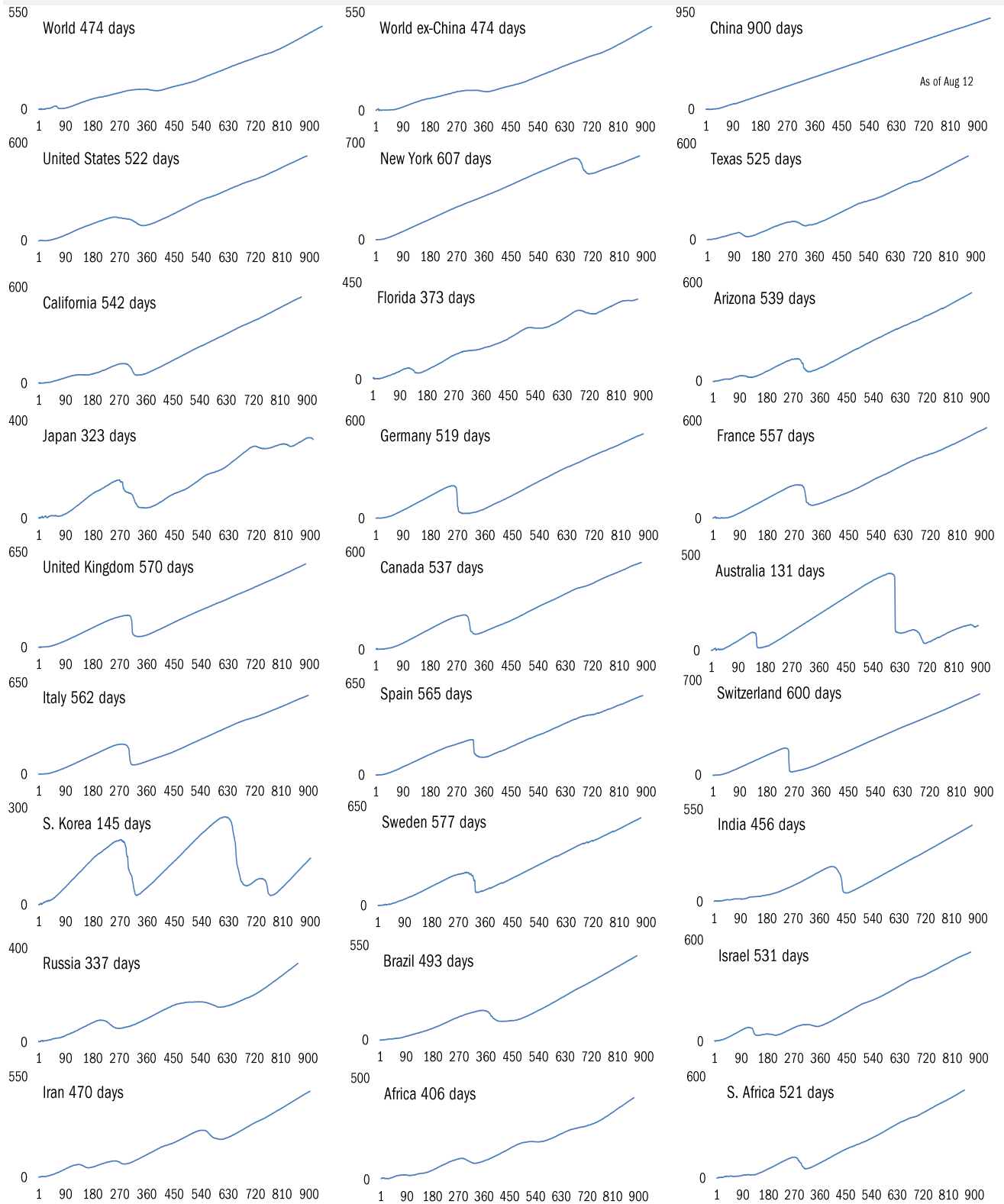


Source: [Johns Hopkins](#), TrendMacro calculations

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

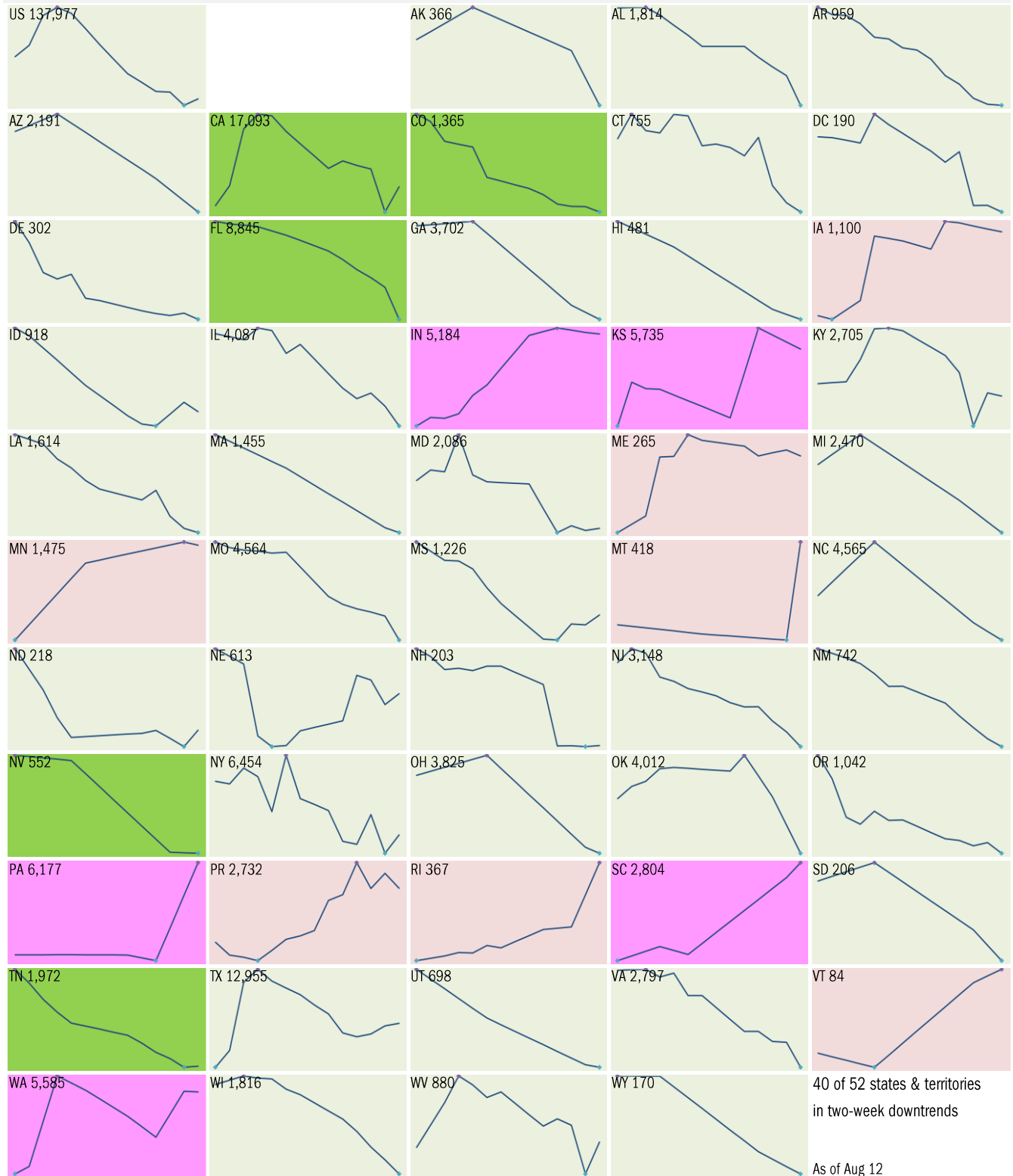


Source: [Johns Hopkins](#), TrendMacro calculations

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



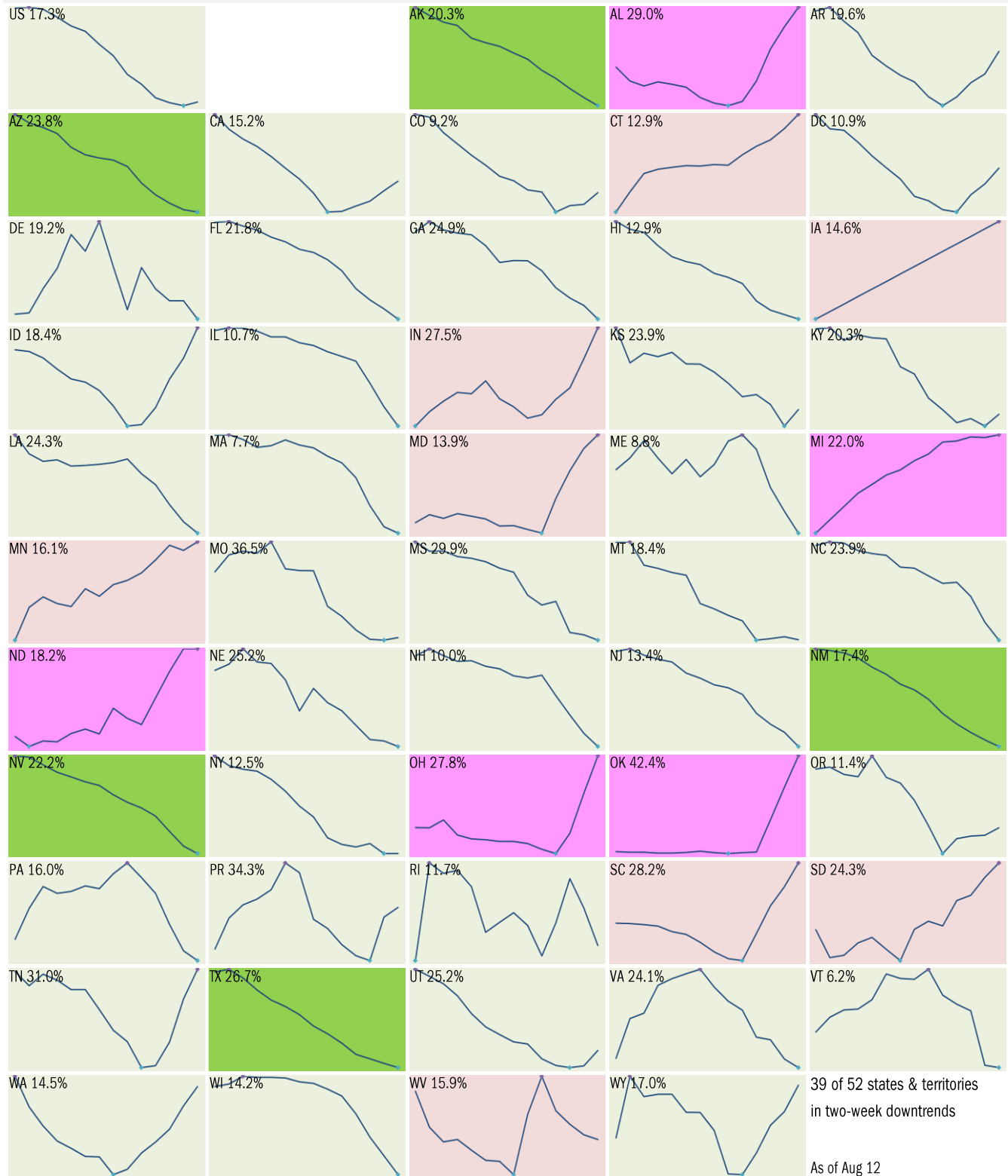
40 of 52 states & territories
in two-week downtrends
As of Aug 12

Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

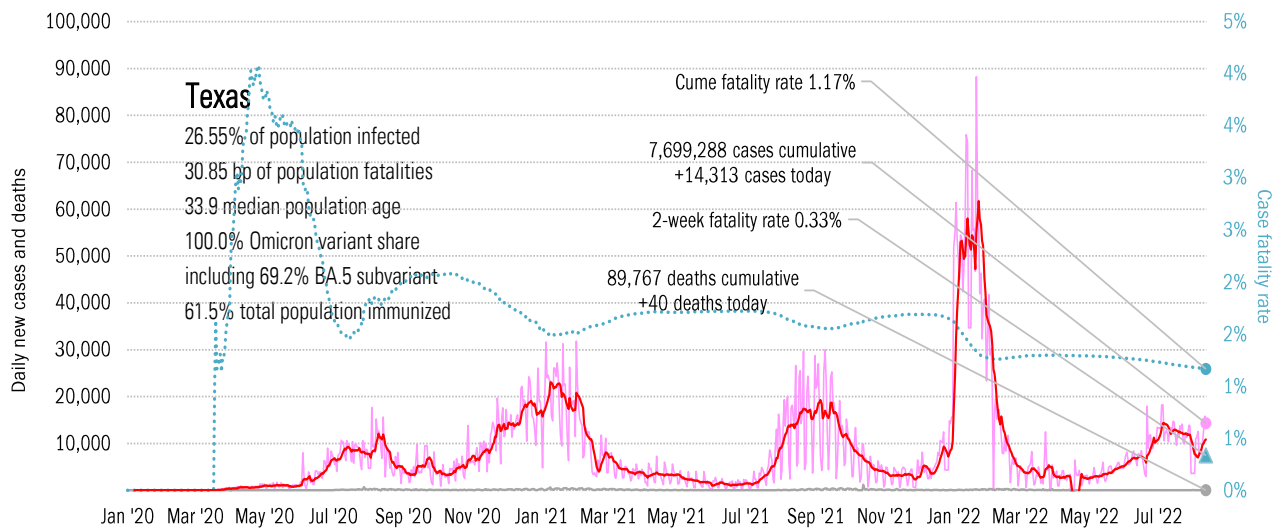
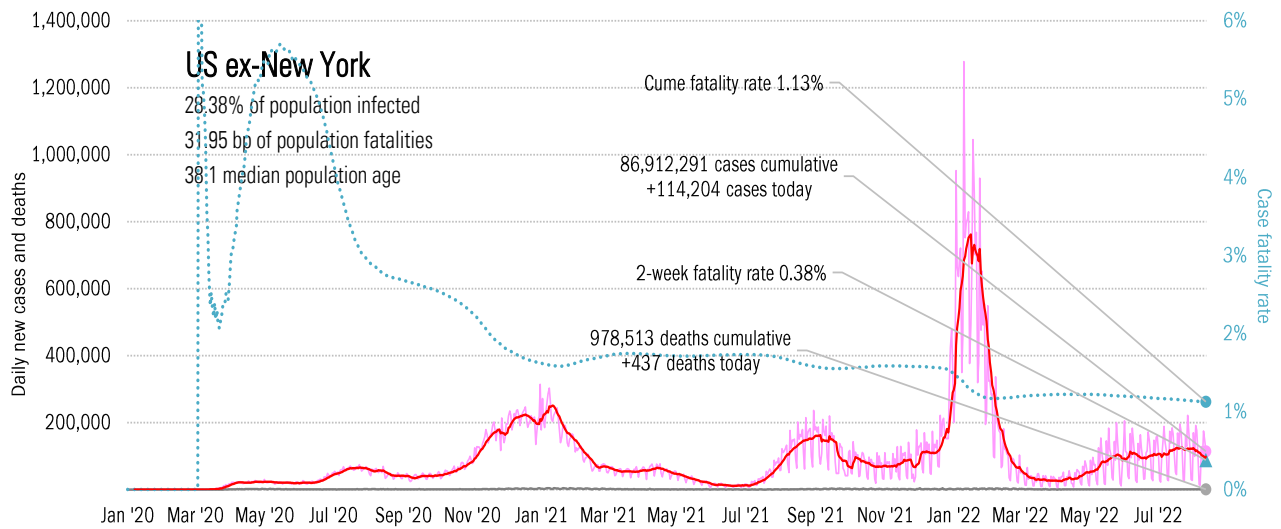
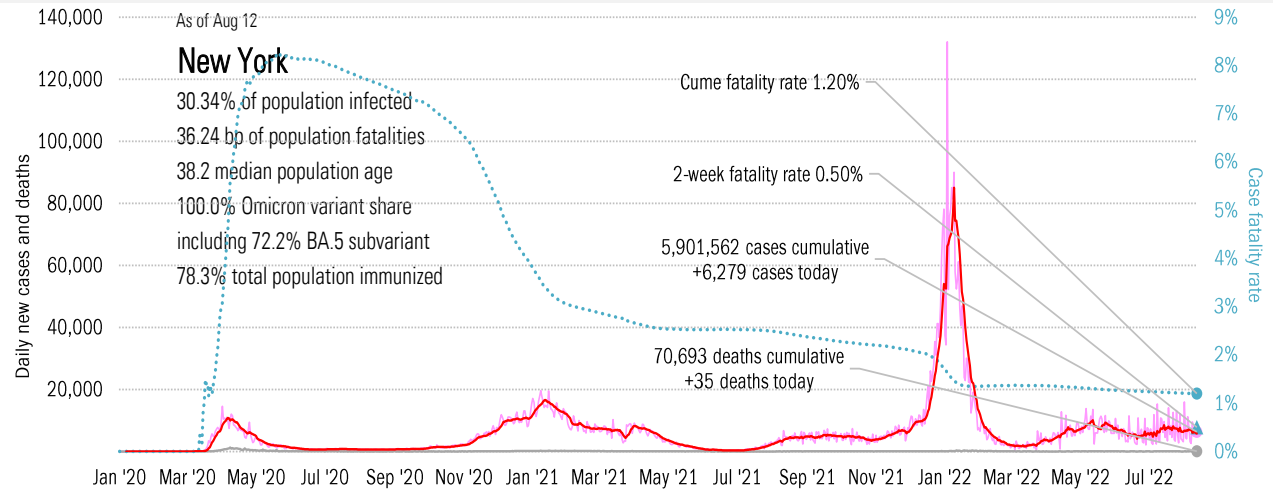
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

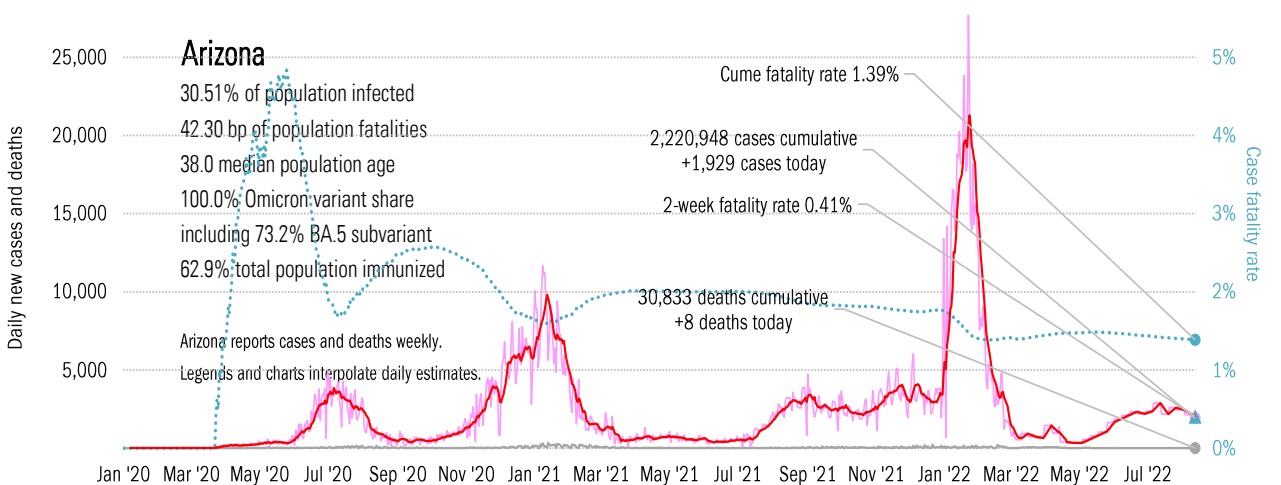
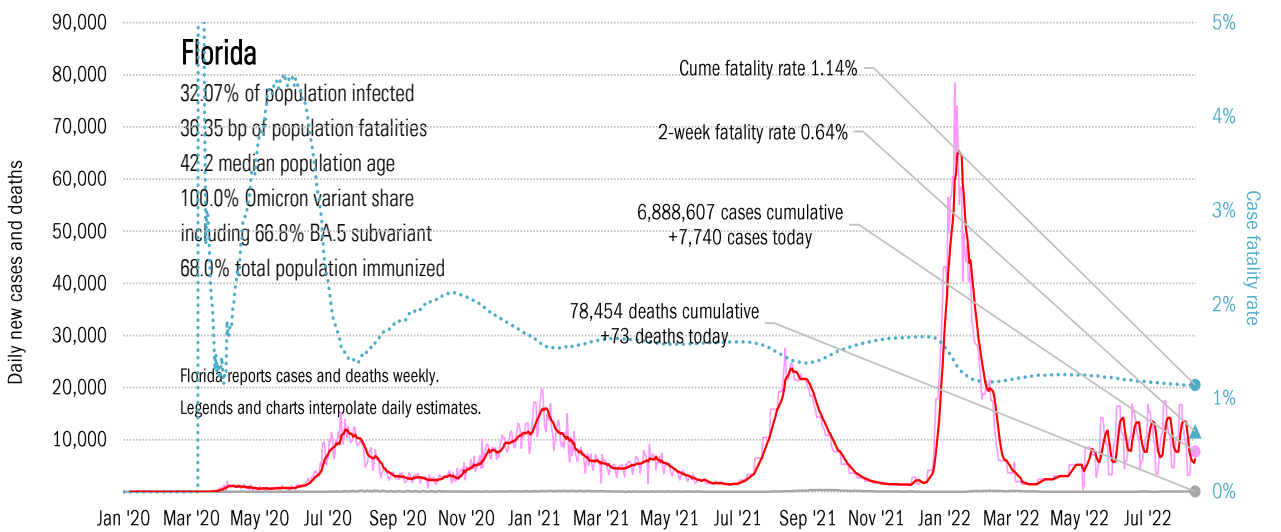
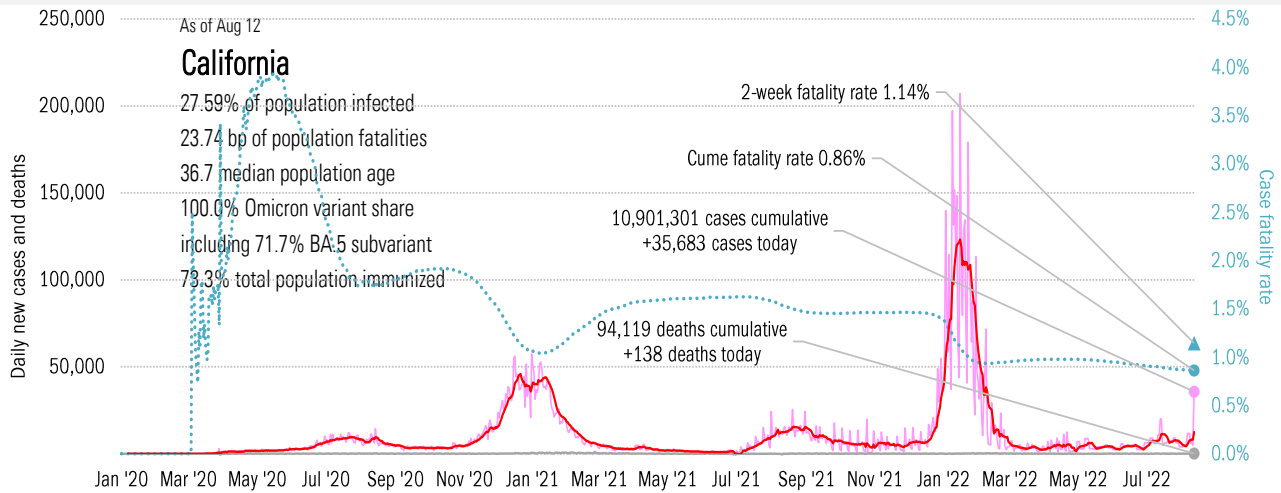
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

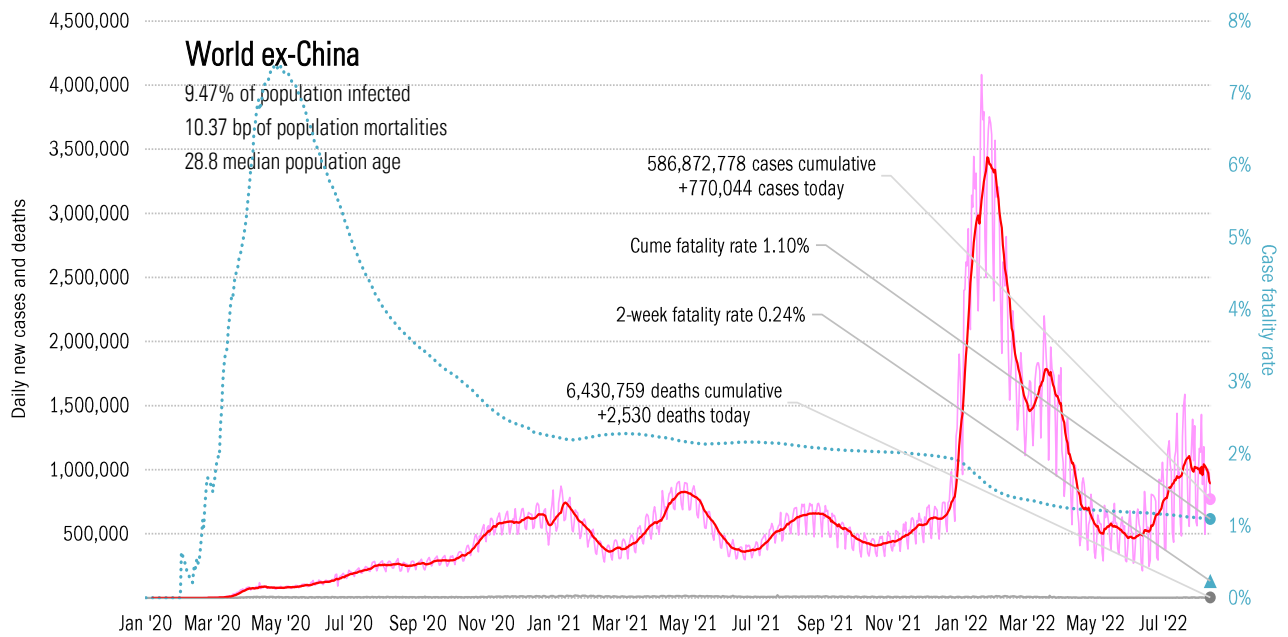
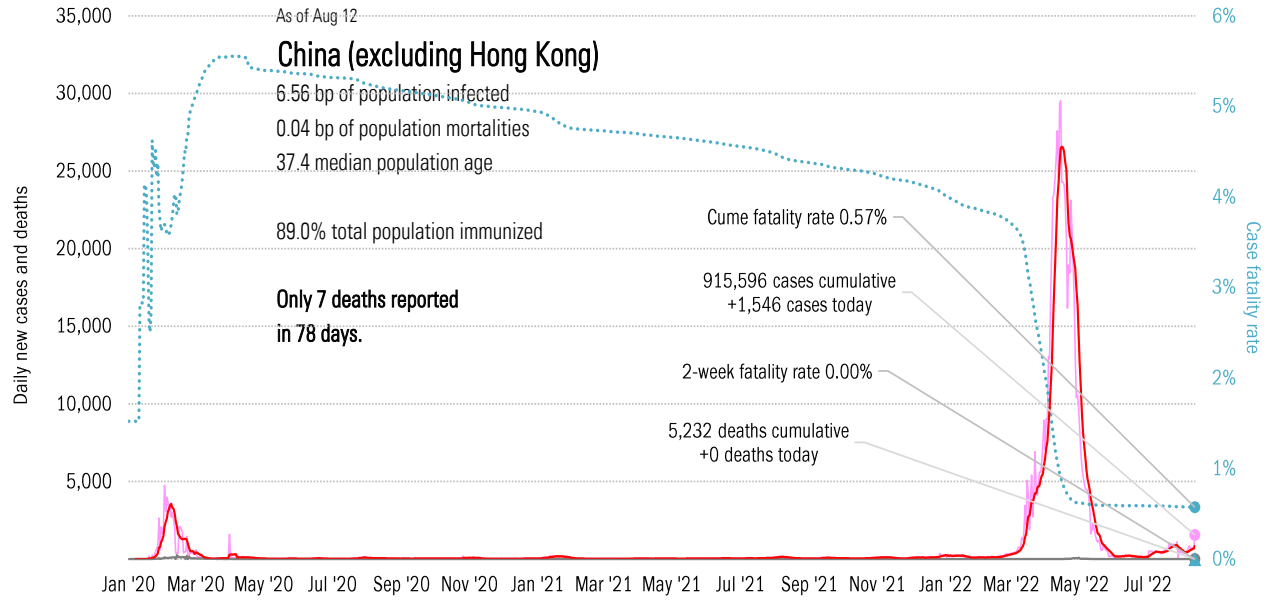
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

Patient zero... and then everyone else

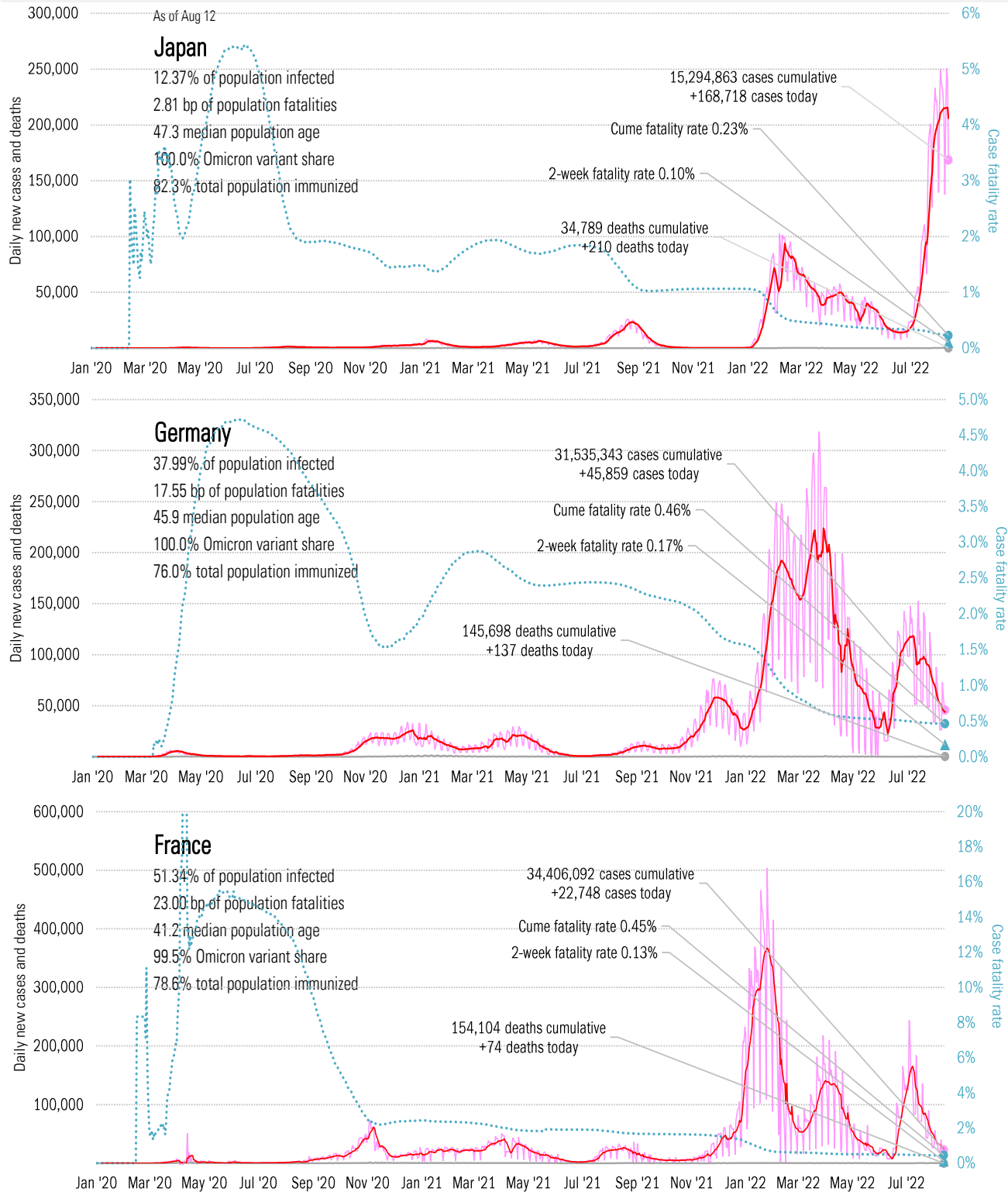
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

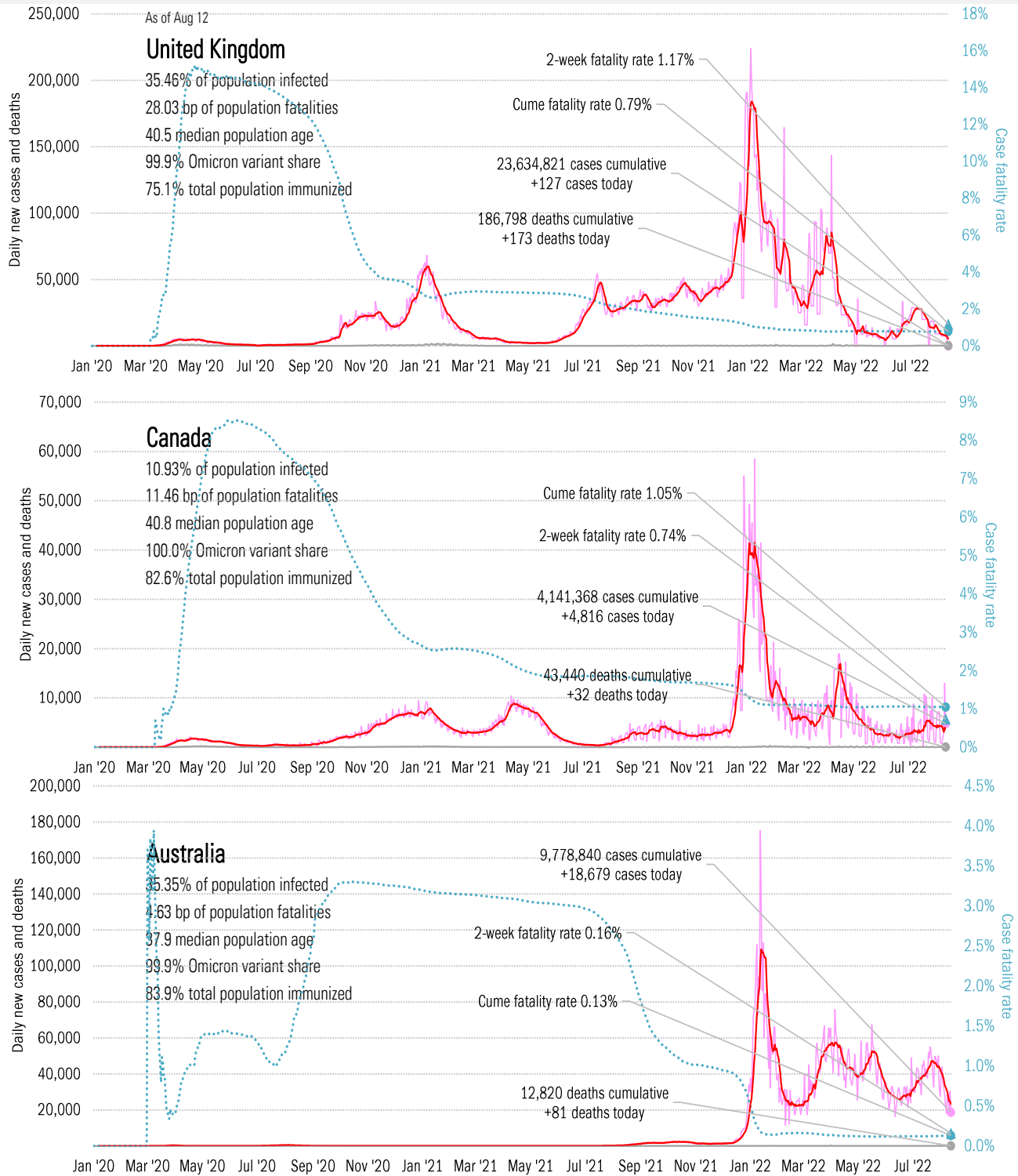
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

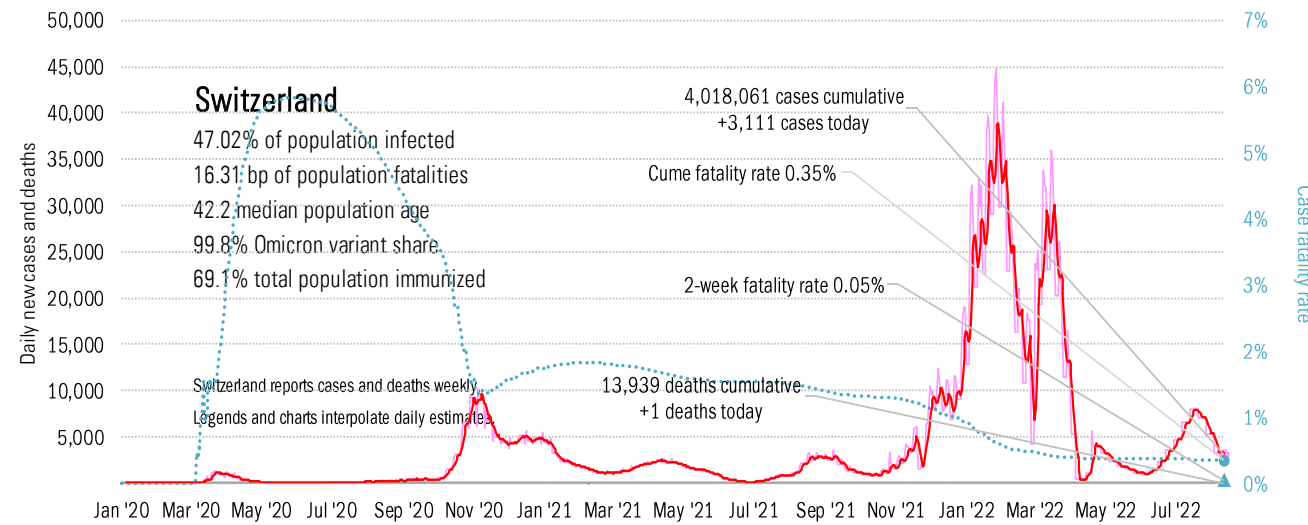
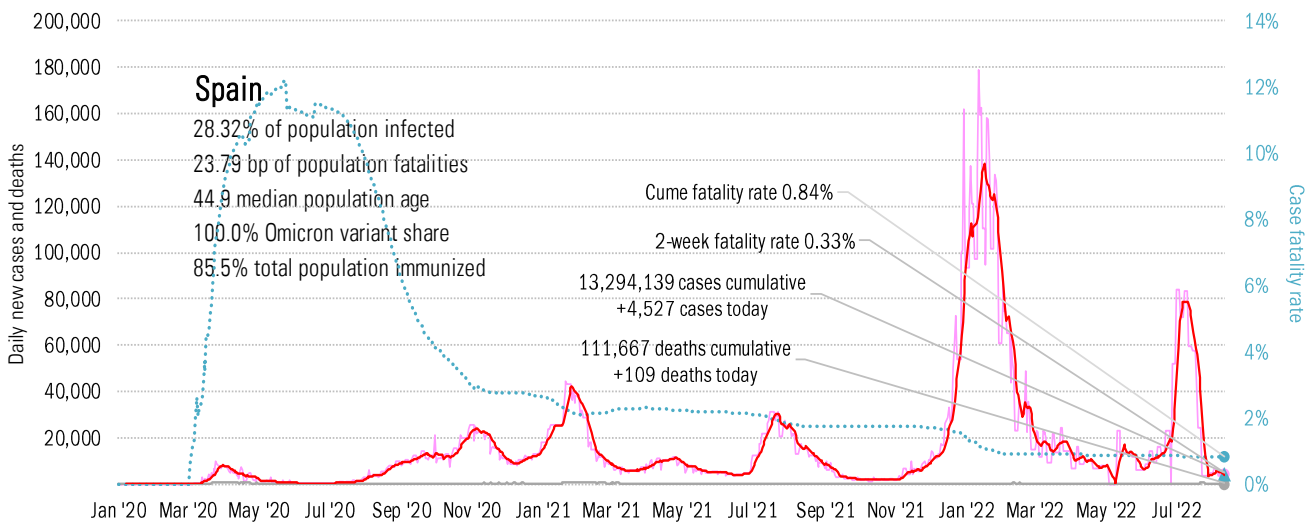
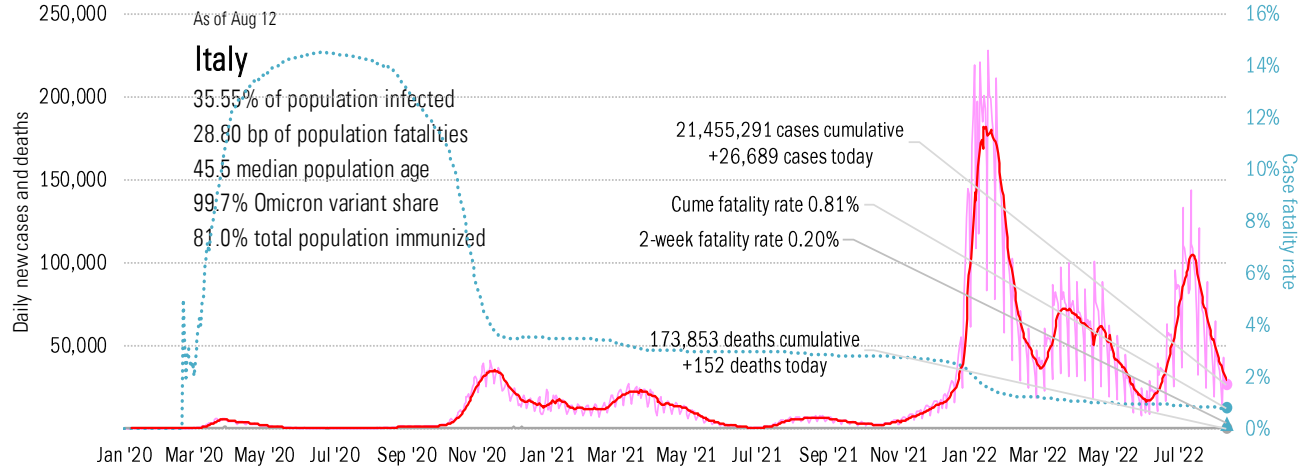
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

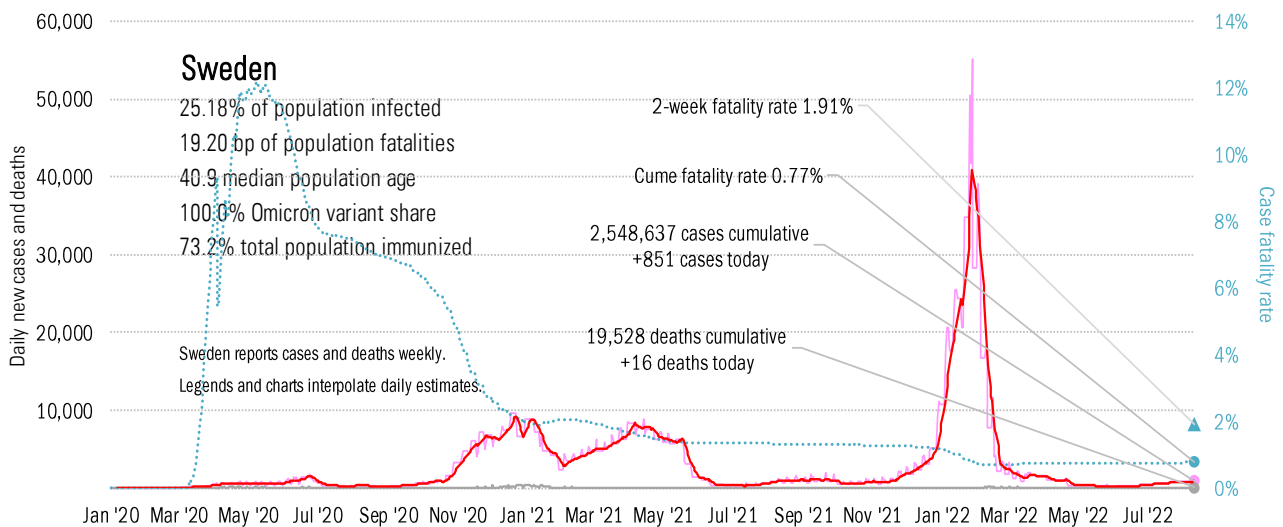
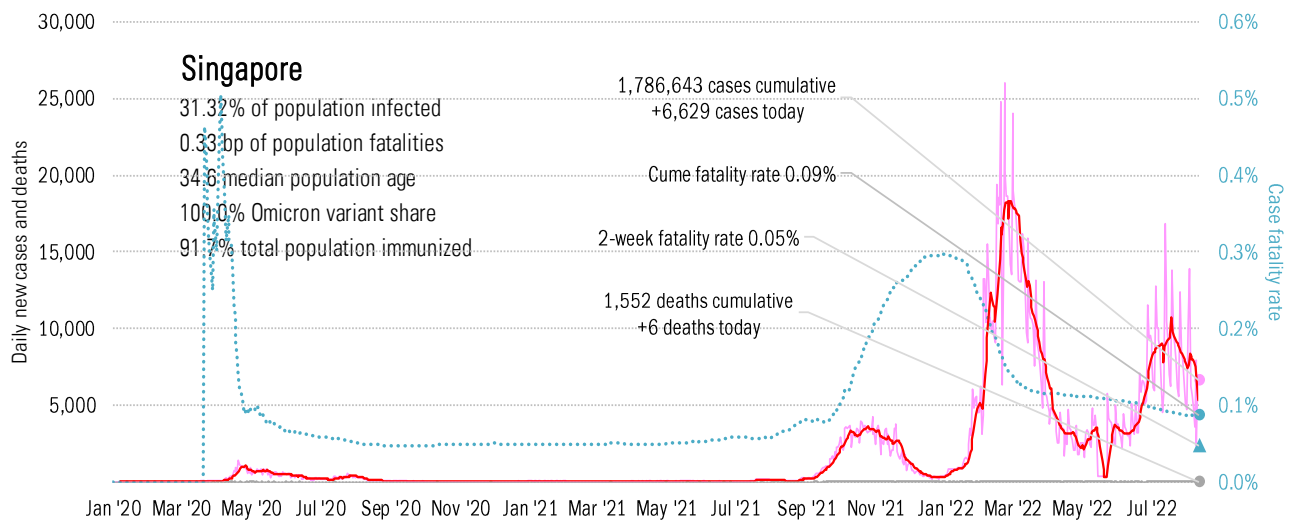
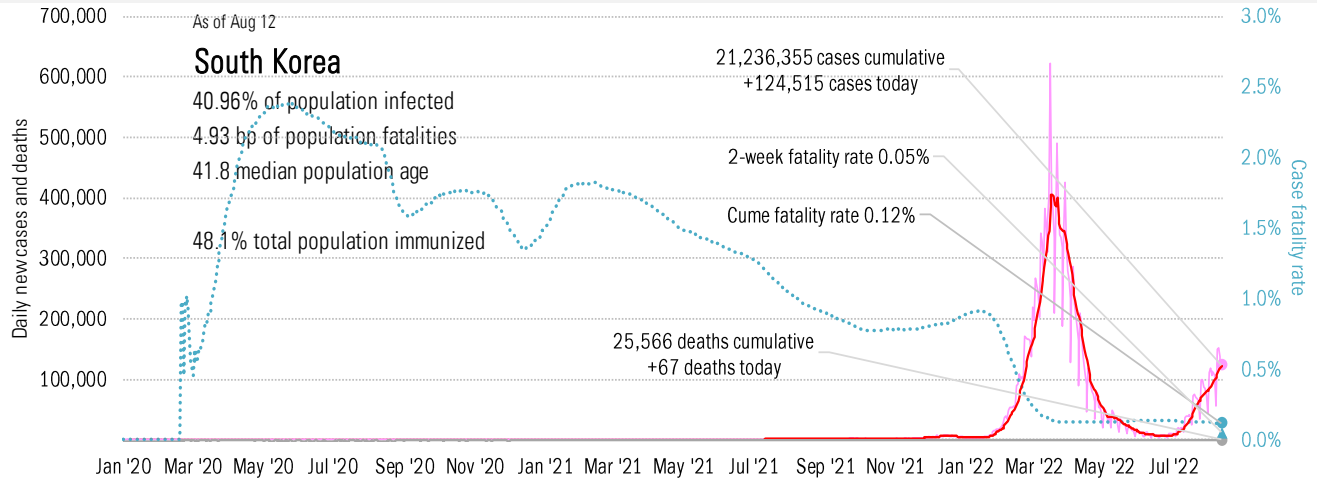
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

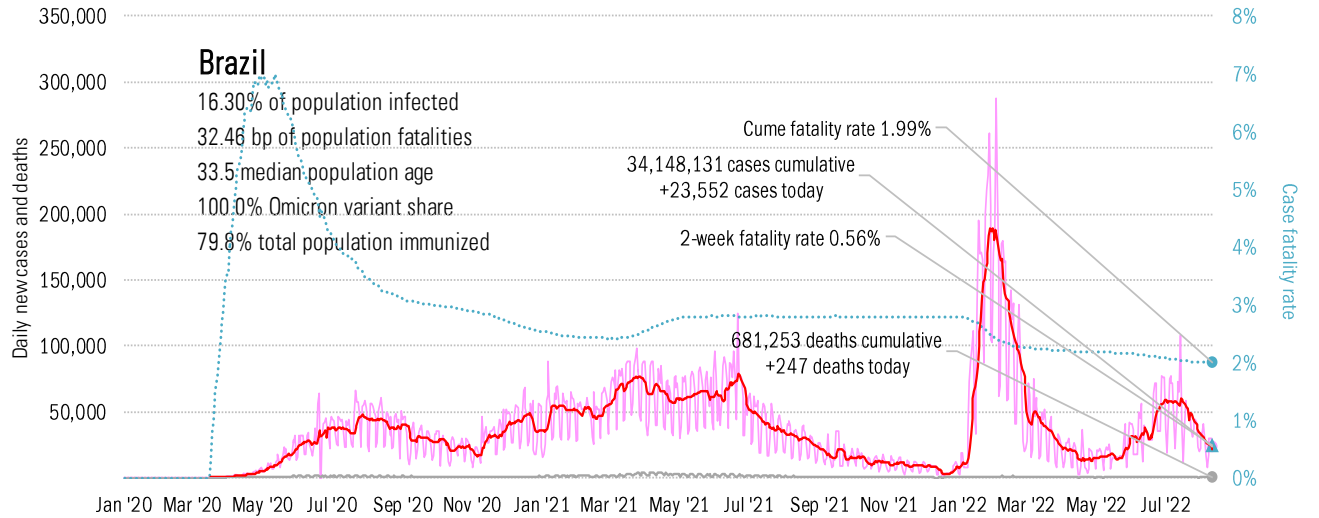
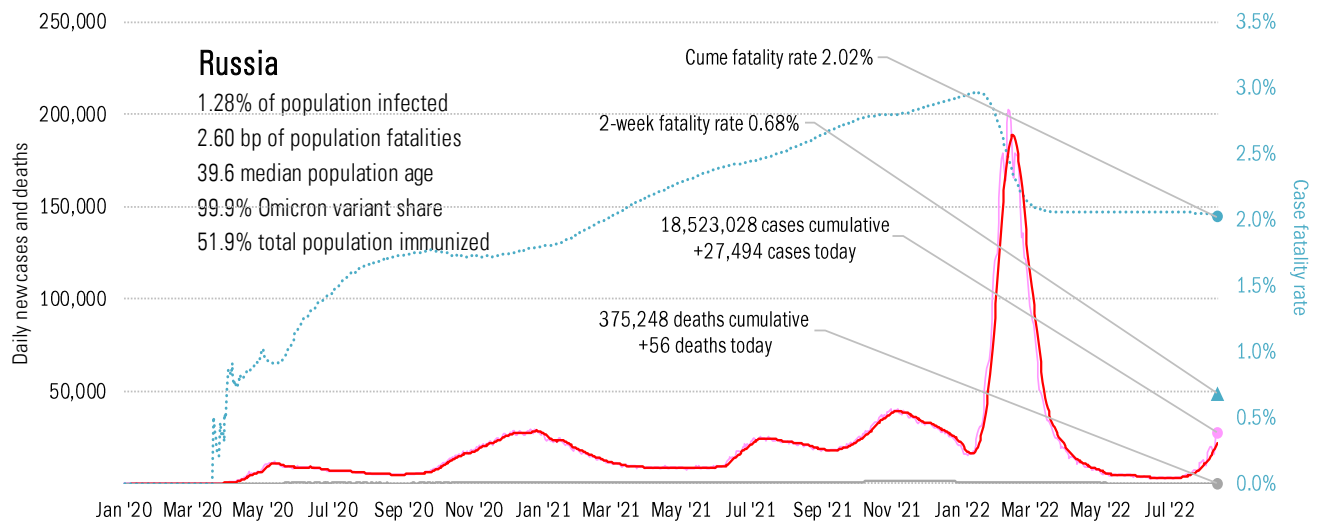
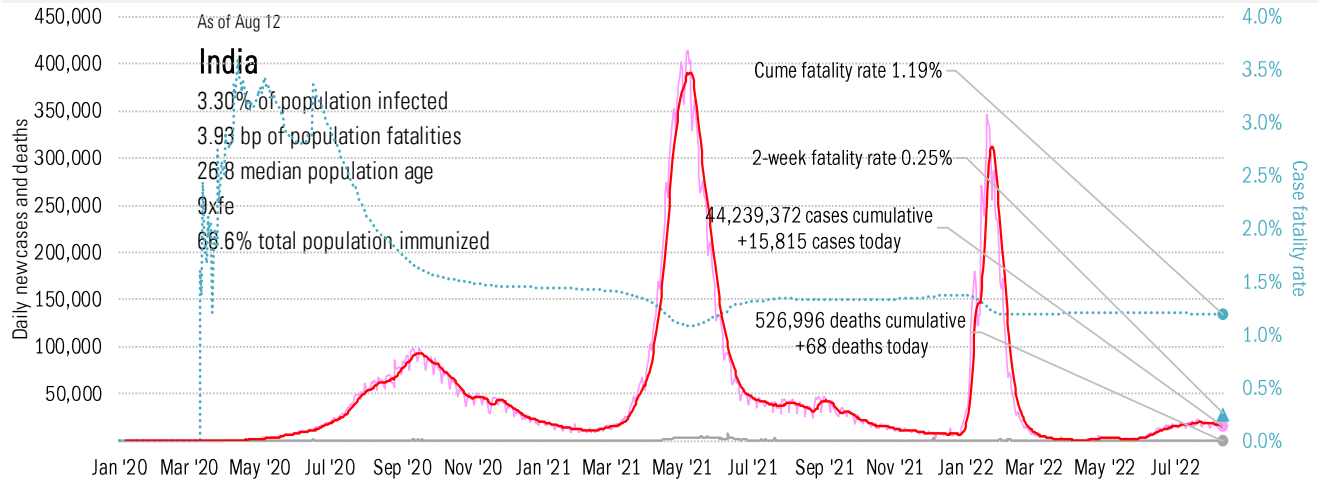
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

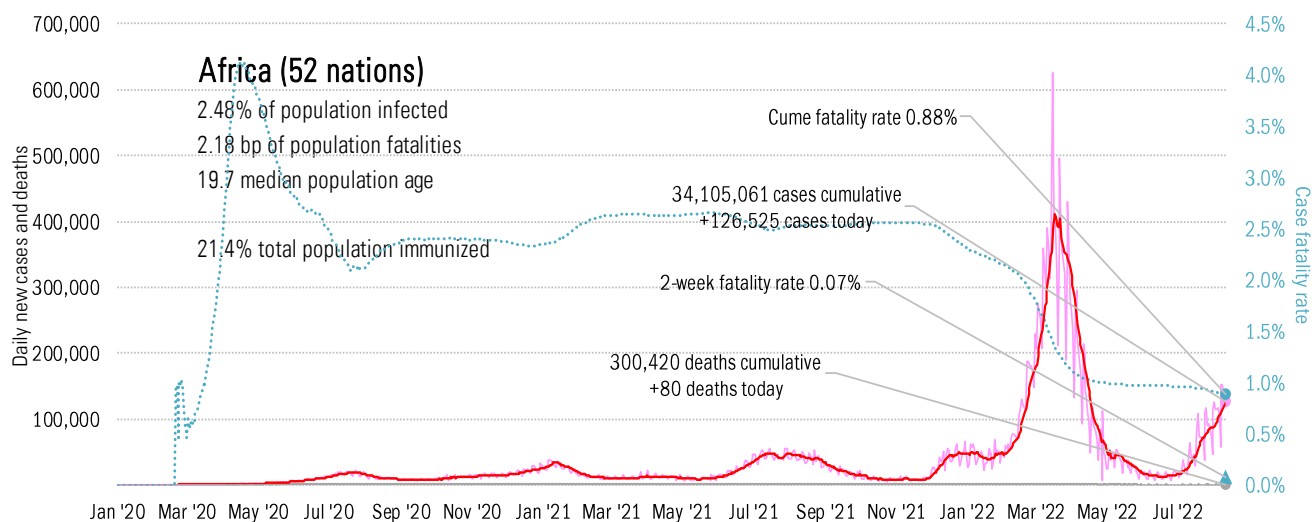
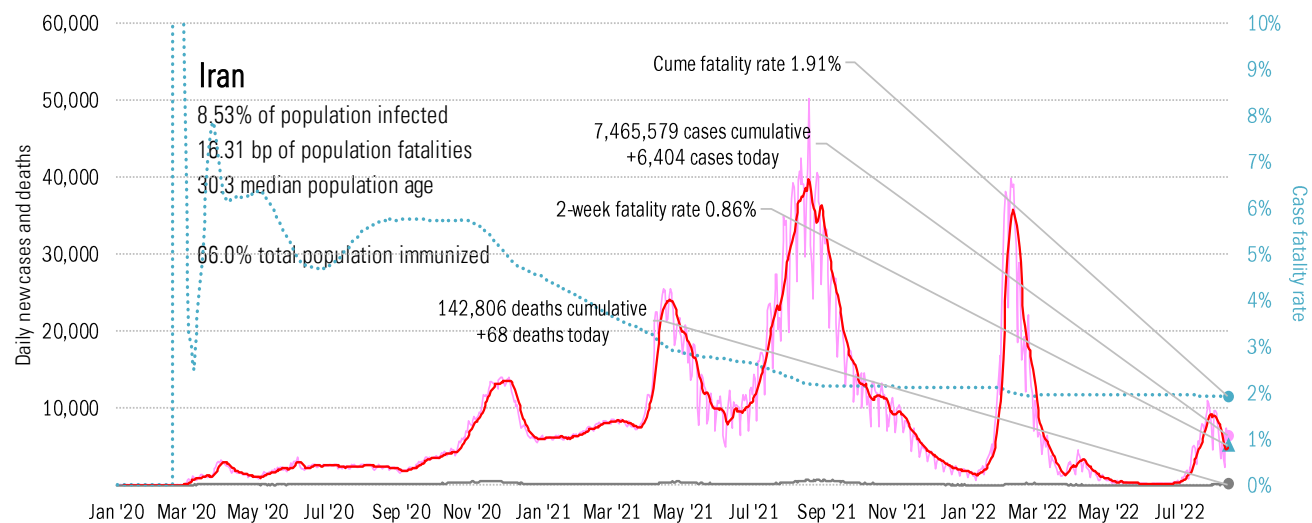
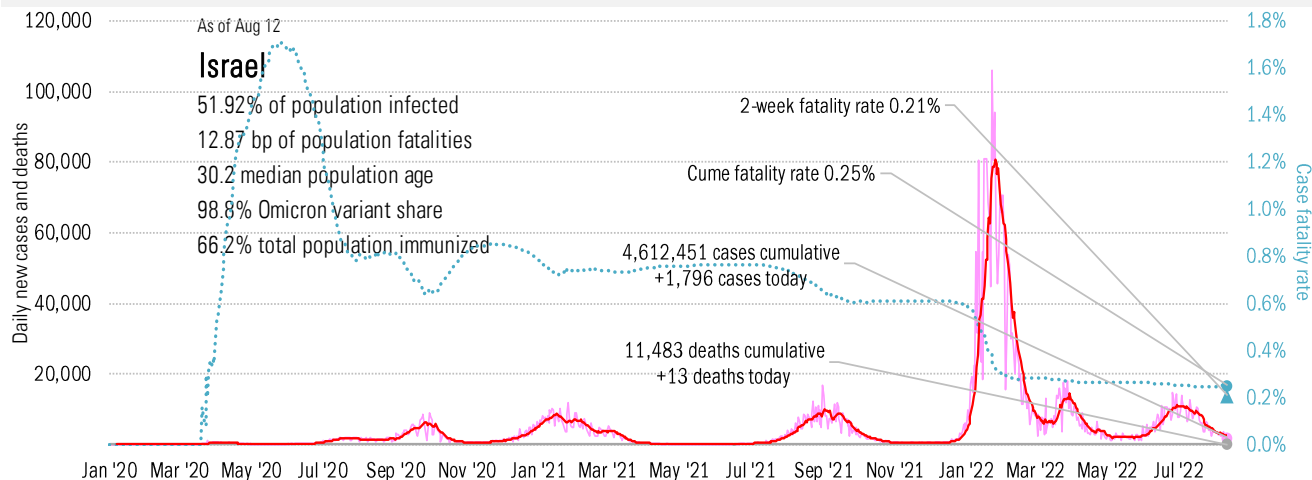
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

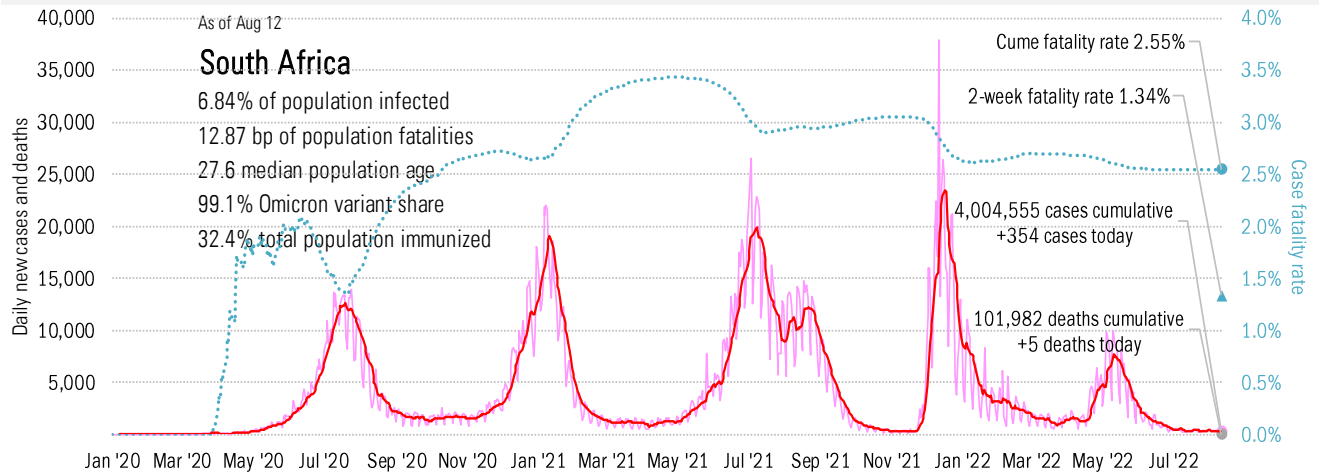
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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