

Data Insights: Covid-2019 Monitor

Wednesday, August 10, 2022

The global scorecard

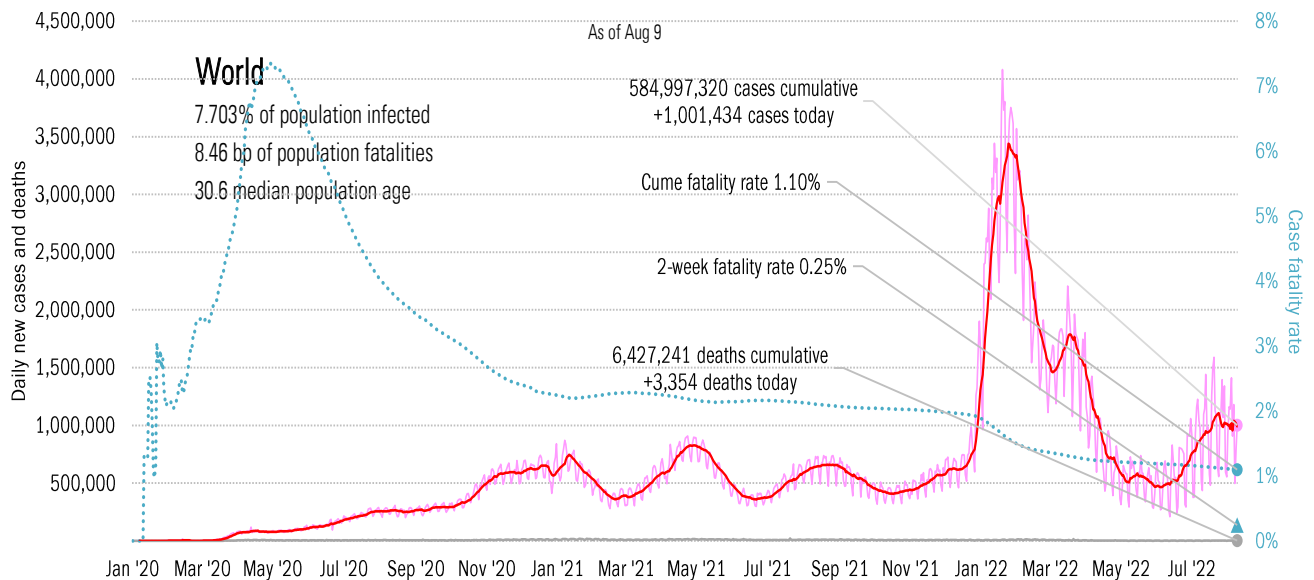
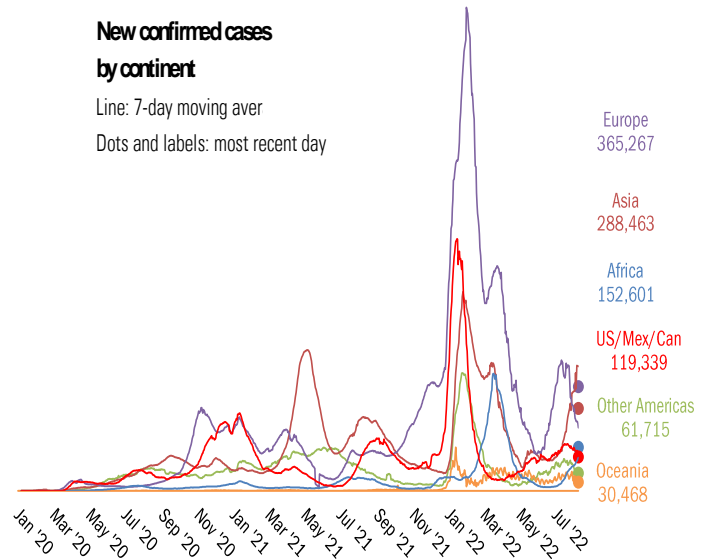
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	212,433	United States	736
Korea, South	151,734	Brazil	365
United States	113,480	Greece	345
Greece	103,059	Japan	278
Germany	72,737	Spain	245
Italy	43,078	Germany	213
France	39,383	Norway	211
Brazil	30,220	Italy	177
Australia	25,024	Australia	121
Taiwan*	23,635	France	111
	814,783		2,802
World	1,001,434	World	3,354
Top ten	81%	Top ten	84%

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

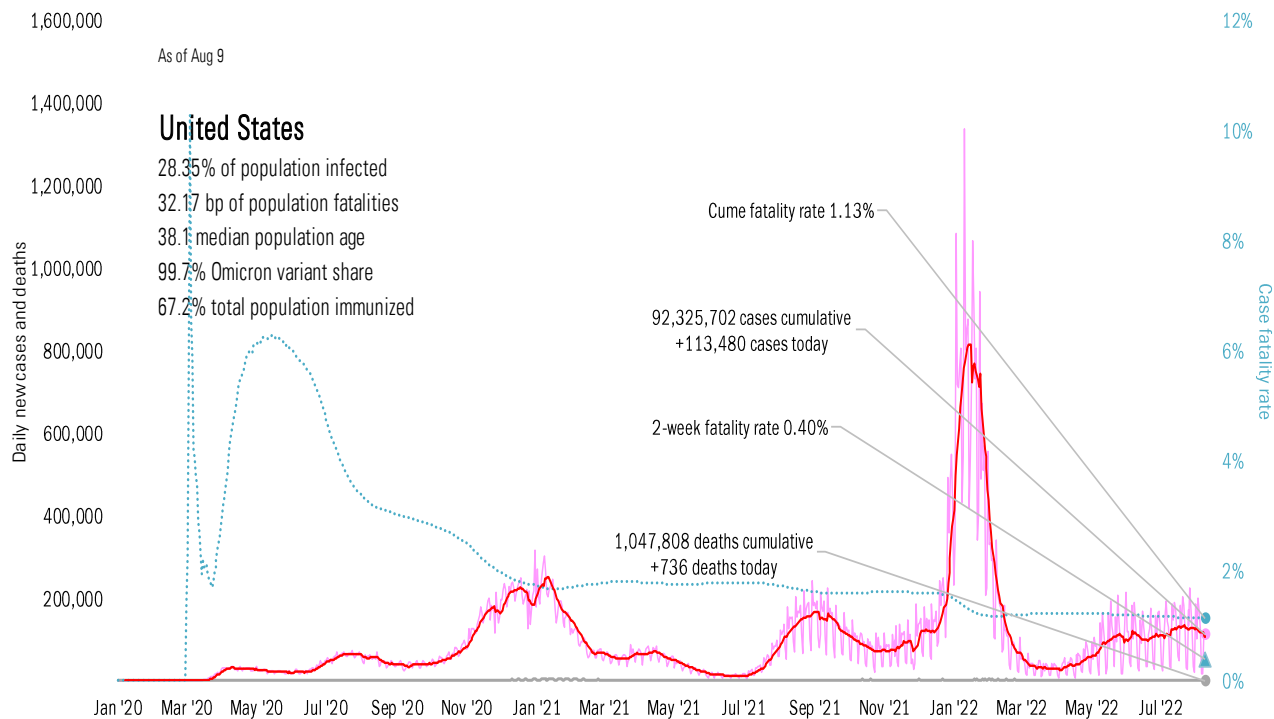
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
TX	10,430	CA	78	PR	42	CA	10,824,009	CA	93,924	TX	526,662	DE	121%	DE	119%						
FL	7,313	FL	74	GA	220	TX	7,645,817	TX	89,572	CA	476,655	RI	88%	TX	80%						
KS	6,618	NY	66	NM	41	FL	6,864,616	FL	78,217	FL	471,093	WA	84%	AL	80%						
TN	5,185	MO	60	AL	110	NY	5,881,456	NY	70,577	NY	284,399	MA	84%	MA	79%						
NY	4,982	IL	53	NH	20	IL	3,608,217	PA	46,261	GA	217,962	GA	82%	RI	79%						
NC	4,752	TX	41	NJ	163	PA	3,106,889	GA	39,173	CH	207,864	MN	81%	NC	79%						
WA	4,302	LA	30	DC	17	NC	3,016,395	CH	39,133	PA	194,121	MD	80%	WA	79%						
IN	4,202	NC	29	RI	10	CH	2,976,027	IL	39,037	IL	177,159	MO	79%	AK	78%						
IL	4,068	WA	28	VT	10	GA	2,778,580	MI	37,671	MI	154,896	WV	79%	DC	78%						
CH	3,969	CT	21	WY	9	MI	2,708,622	NJ	34,346	KY	139,965	MI	79%	NV	77%						
55,821			480			642			49,410,628			567,911			2,850,776						
All states 113,480			736			5,293			All states 92,325,702			1,047,808			5,173,171			All states 70%		67%	
Top ten 49%			65%			12%			Top ten 53%			55%			55%			Median 74%		71%	

Some states not reporting

Five most improved US states

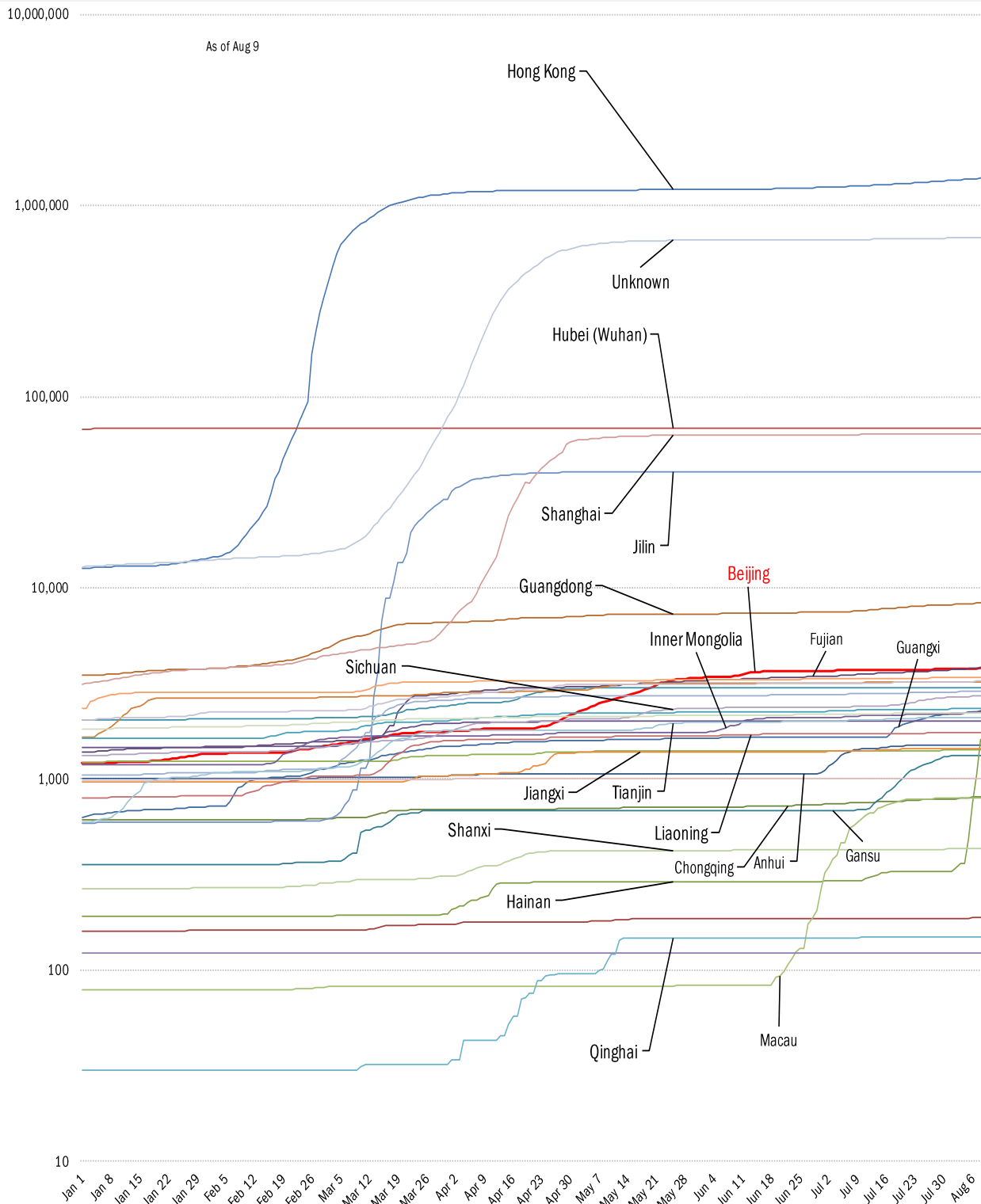
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		
CA	-33,548	TX	-27	FL	-189	▲
NY	-4,566	CK	-12	IN	-86	▲
CK	-1,321	VA	-11	IL	-81	▲
KY	-1,281	CO	-8	IA	-67	▲
CO	-485	MS	-5	CH	-50	▲



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"

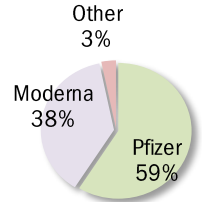


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	619,466,336		+0.084 million		US	67.2%	78.8%	
of which boosters	109,565,113		+0.054 million		UK	75.0%	79.8%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.6%	80.9%
Total population	269,710,457	81%	229,430,100	69%	+0.021 million	Spain	85.5%	86.9%
Age 12 to 17	18,032,248	71%	15,411,357	61%	+0.003 million	Germany	76.0%	77.6%
Age 18 to 64	180,358,338	89%	153,011,960	75%	+0.013 million	Italy	81.0%	85.8%
Age 65 and over	59,584,000	100%	52,121,257	95%	+0.004 million	Australia	83.9%	86.4%
						Israel	66.2%	72.3%
						Canada	82.6%	86.0%
						Japan	82.3%	83.4%
						Africa	20.9%	26.6%
						India	66.4%	72.6%
						Brazil	79.4%	86.4%
						China	88.7%	91.1%



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

"Immunity" = two doses

AK
71.2%
63.0%

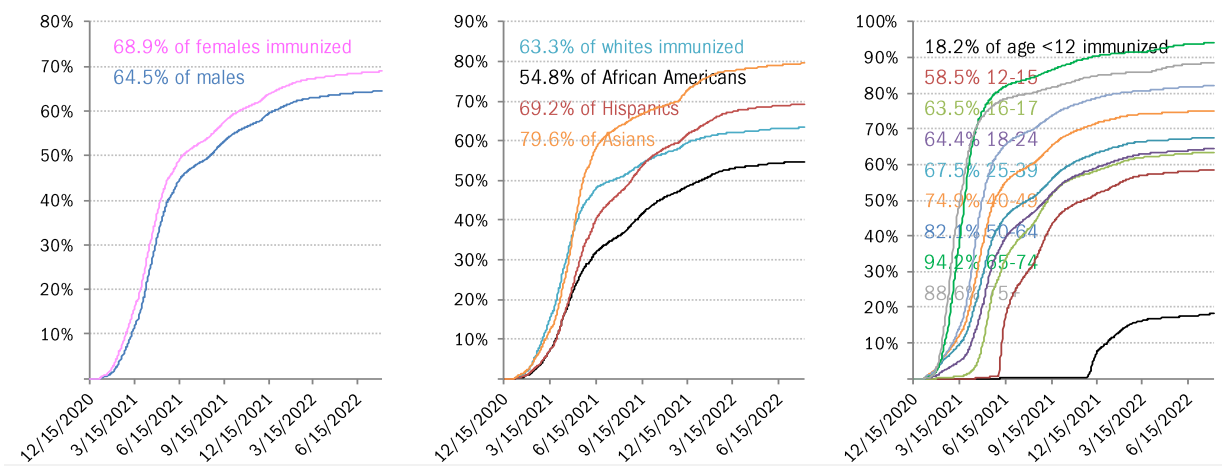
WI
72.9%
66.4%

ME
92.8%
80.9%

As of Aug 4

WA 82.4% 73.4%	ID 62.2% 54.9%	MT 66.2% 57.6%	ND 66.7% 56.3%	MN 76.3% 70.0%	IL 76.9% 69.3%	MI 67.7% 60.8%	NY 91.7% 78.2%	VT 95.0% 82.4%	NH 90.2% 72.0%	
OR 79.0% 70.5%	NV 76.7% 61.7%	WY 59.0% 51.7%	SD 78.6% 63.2%	IA 68.9% 62.7%	IN 62.9% 56.6%	OH 64.2% 59.1%	PA 87.1% 70.1%	NJ 92.0% 76.8%	MA 95.0% 80.5%	
CA 83.7% 73.2%	UT 73.3% 65.1%	CO 81.0% 71.2%	NE 71.4% 64.4%	MO 67.3% 57.0%	KY 67.2% 58.2%	WV 66.0% 58.4%	VA 87.5% 74.3%	MD 88.4% 76.9%	CT 95.0% 80.5%	RI 95.0% 84.3%
	AZ 75.0% 62.8%	NM 89.9% 72.4%	KS 73.8% 63.0%	AR 67.9% 55.3%	TN 63.1% 55.2%	NC 86.7% 63.1%	SC 69.0% 58.0%	DC 95.0% 77.7%	DE 84.9% 70.5%	
		OK 72.4% 58.3%	LA 61.8% 54.1%	MS 60.6% 52.7%	AL 63.7% 51.9%	GA 66.5% 55.7%				
		TX 73.9% 61.4%					FL 80.6% 67.9%		PR 95.0% 83.8%	

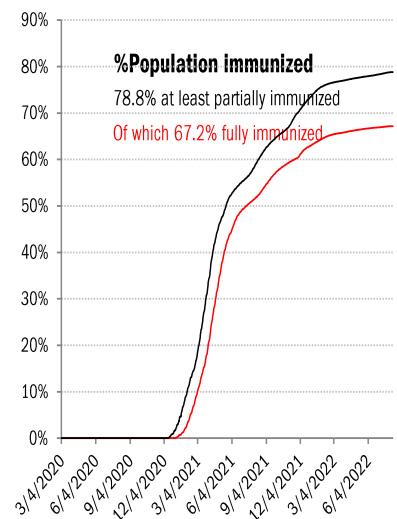
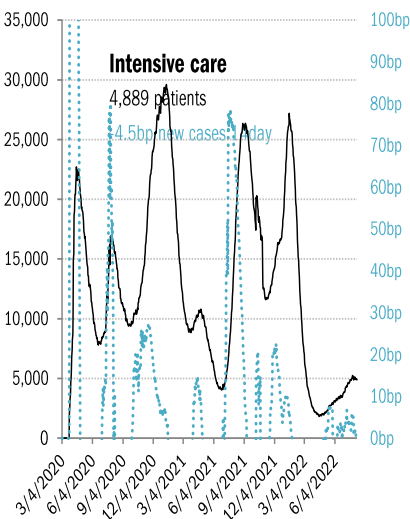
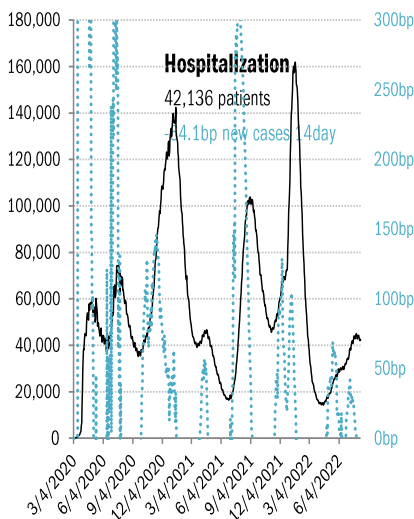
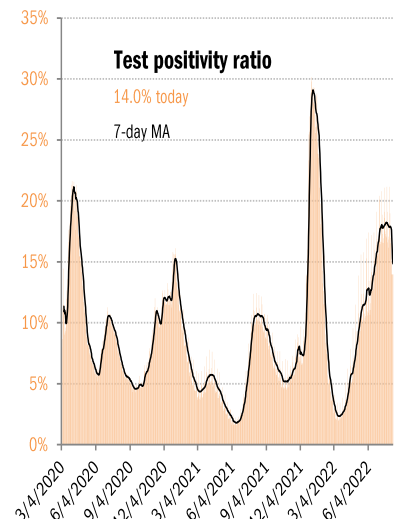
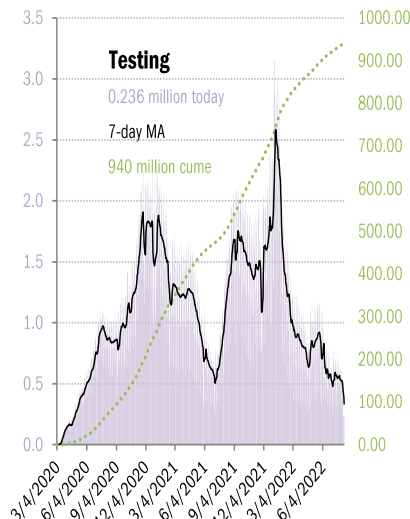
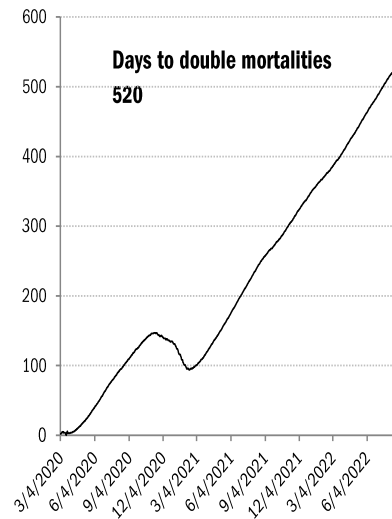
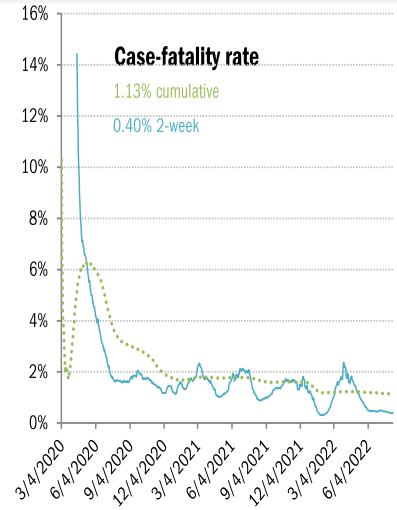
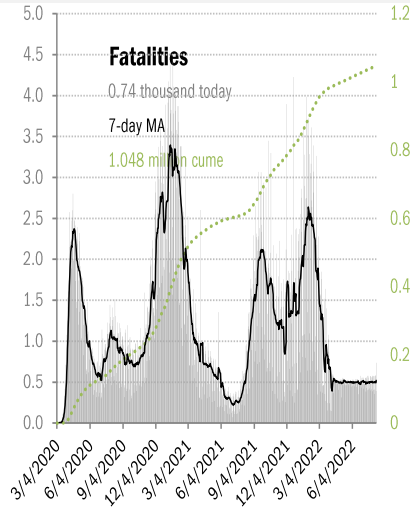
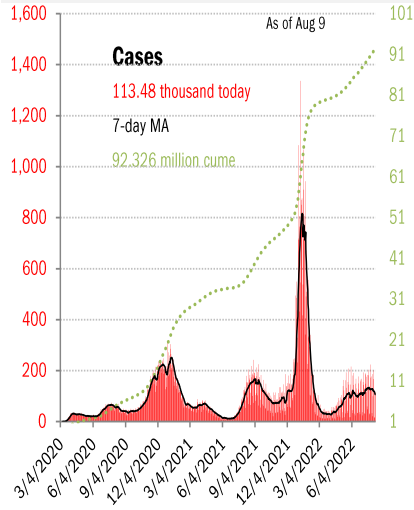
The demographics of US vaccination



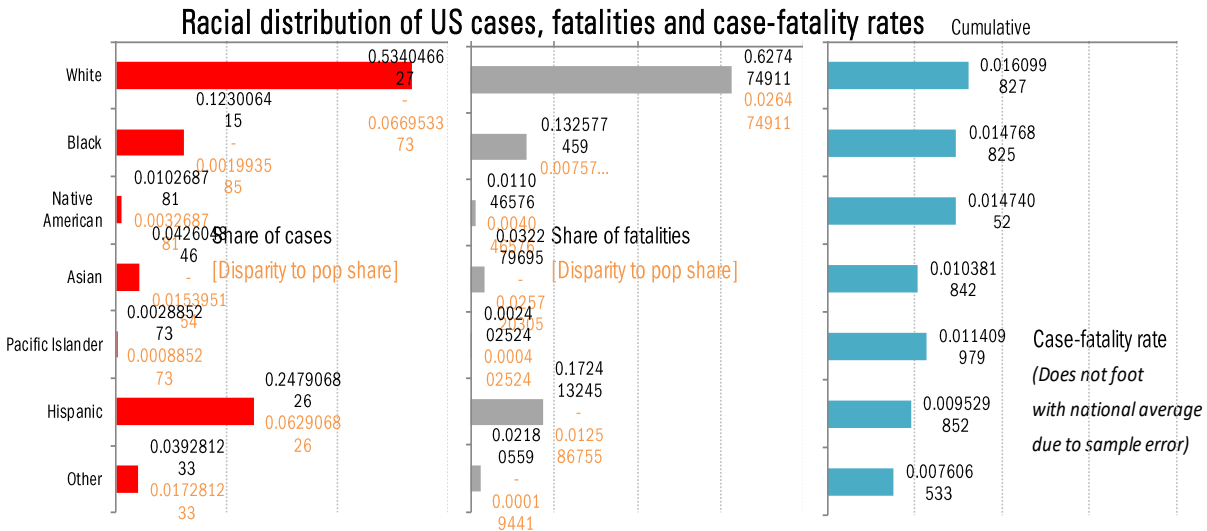
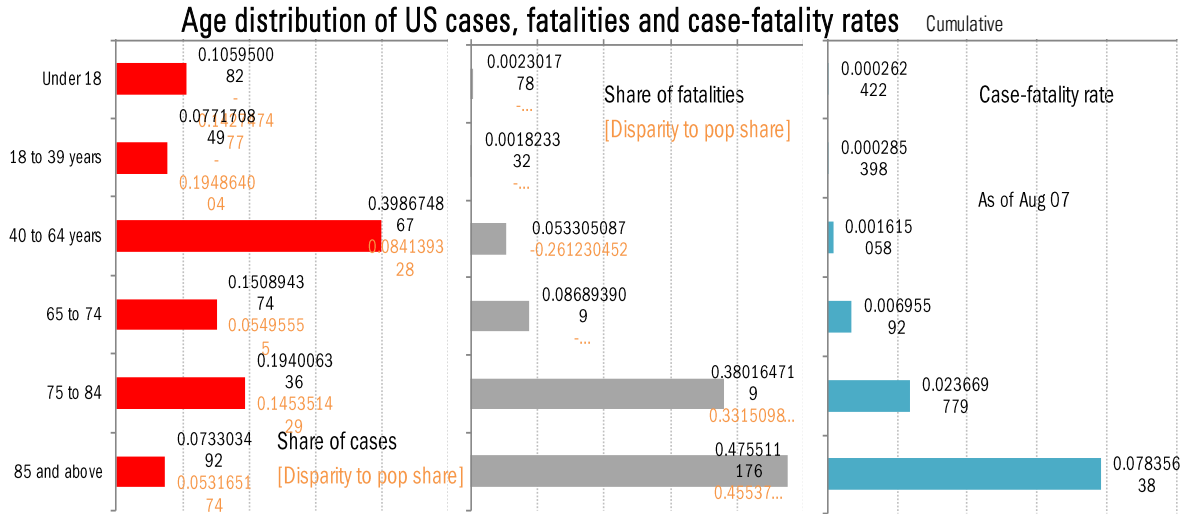
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

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

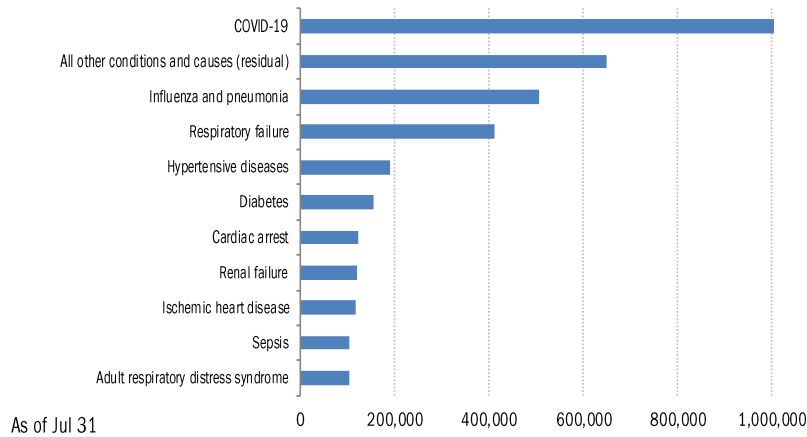


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



Comorbidities

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

[Is Congress Getting Over Covid-19?](#)

Wall Street Journal

August 9, 2022

[Denmark ends Covid vaccinations for anyone 18 or younger](#)

Alex Berenson

Unreported Truths

August 9, 2022

[U.S. Moves to Stretch Out Monkeypox Vaccine Supply](#)

Sharon LaFraniere and Noah Weiland

New York Times

August 8, 2022

[The President Needs the Power to Fire Bureaucrats](#)

James Sherk

Wall Street Journal

August 8, 2022

[Covid Vaccine Mandates Heighten School Inequity](#)

Eliza Holland and Nikki Johnson

Wall Street Journal

August 8, 2022

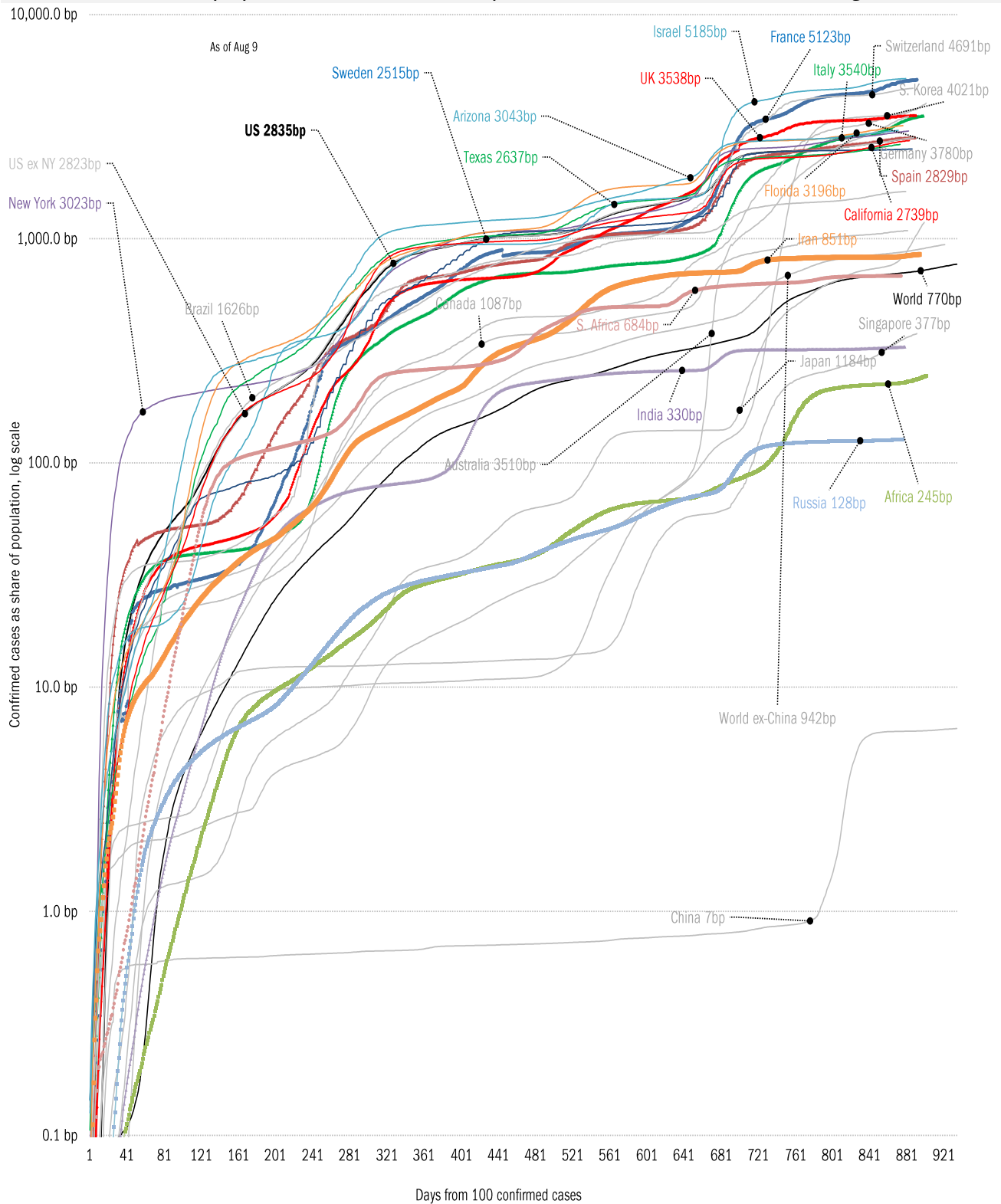
Meme of the day



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

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

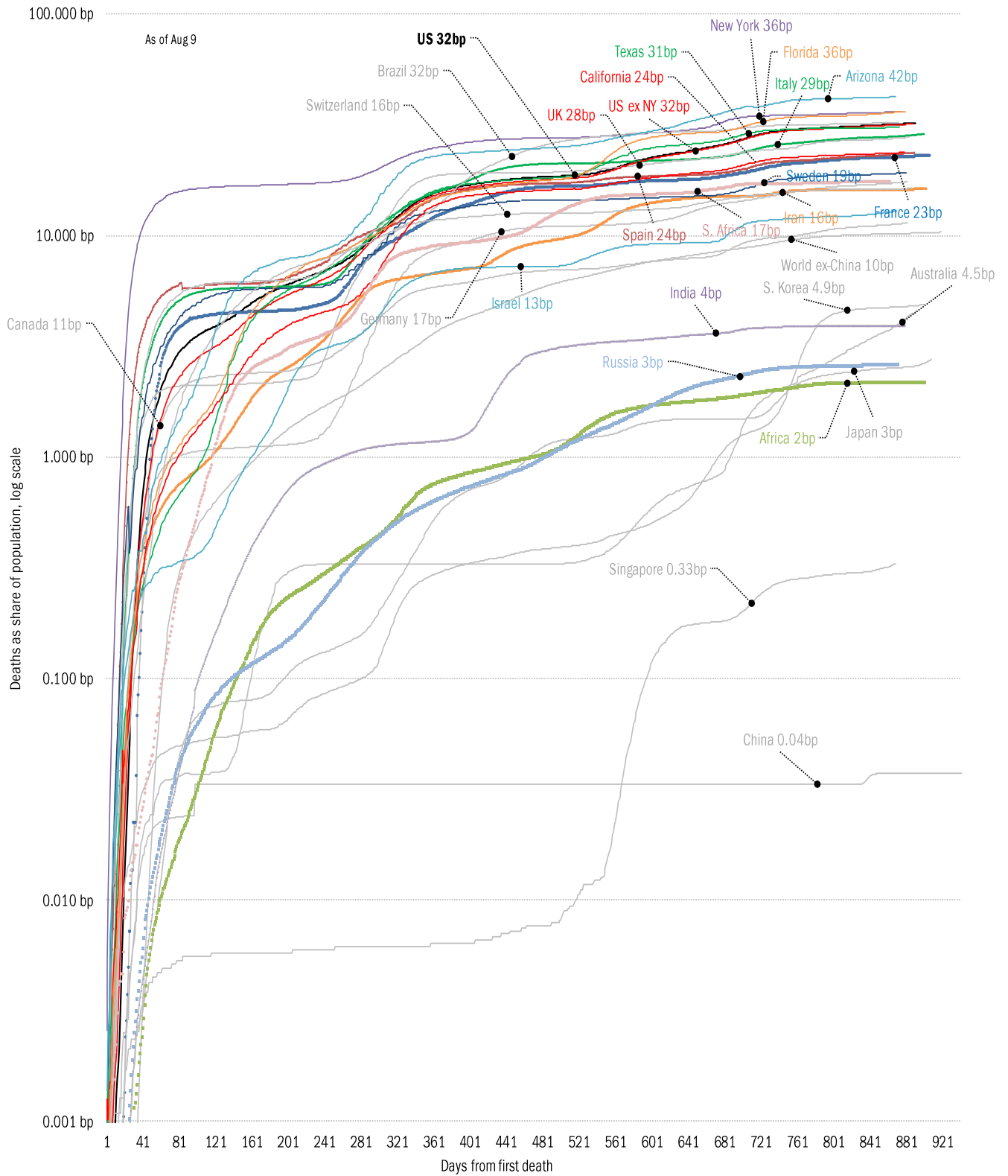
Share of infected population from first day with 100 confirmed cases, log scale



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

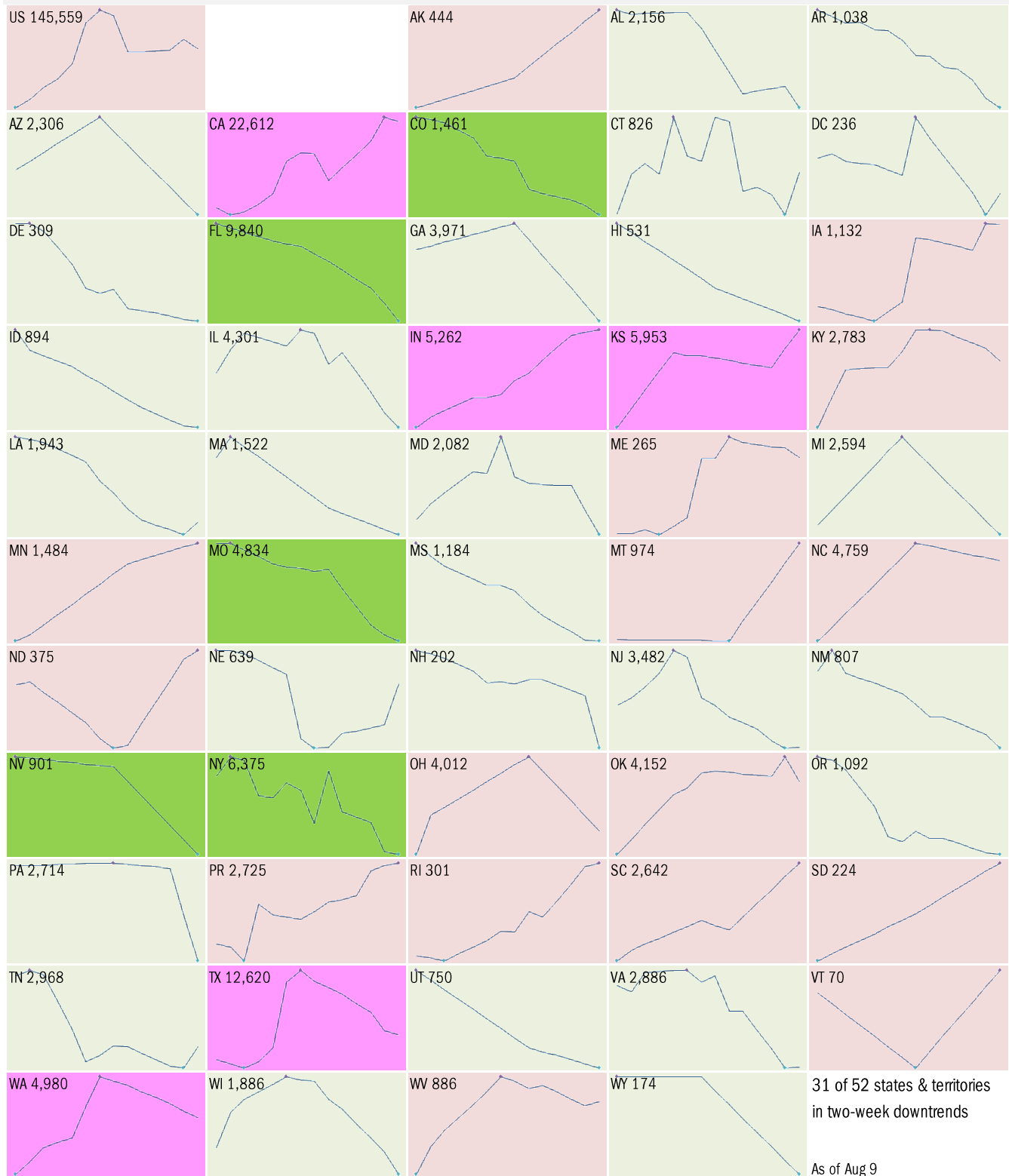


Source: [Johns Hopkins](#), TrendMacro calculations

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

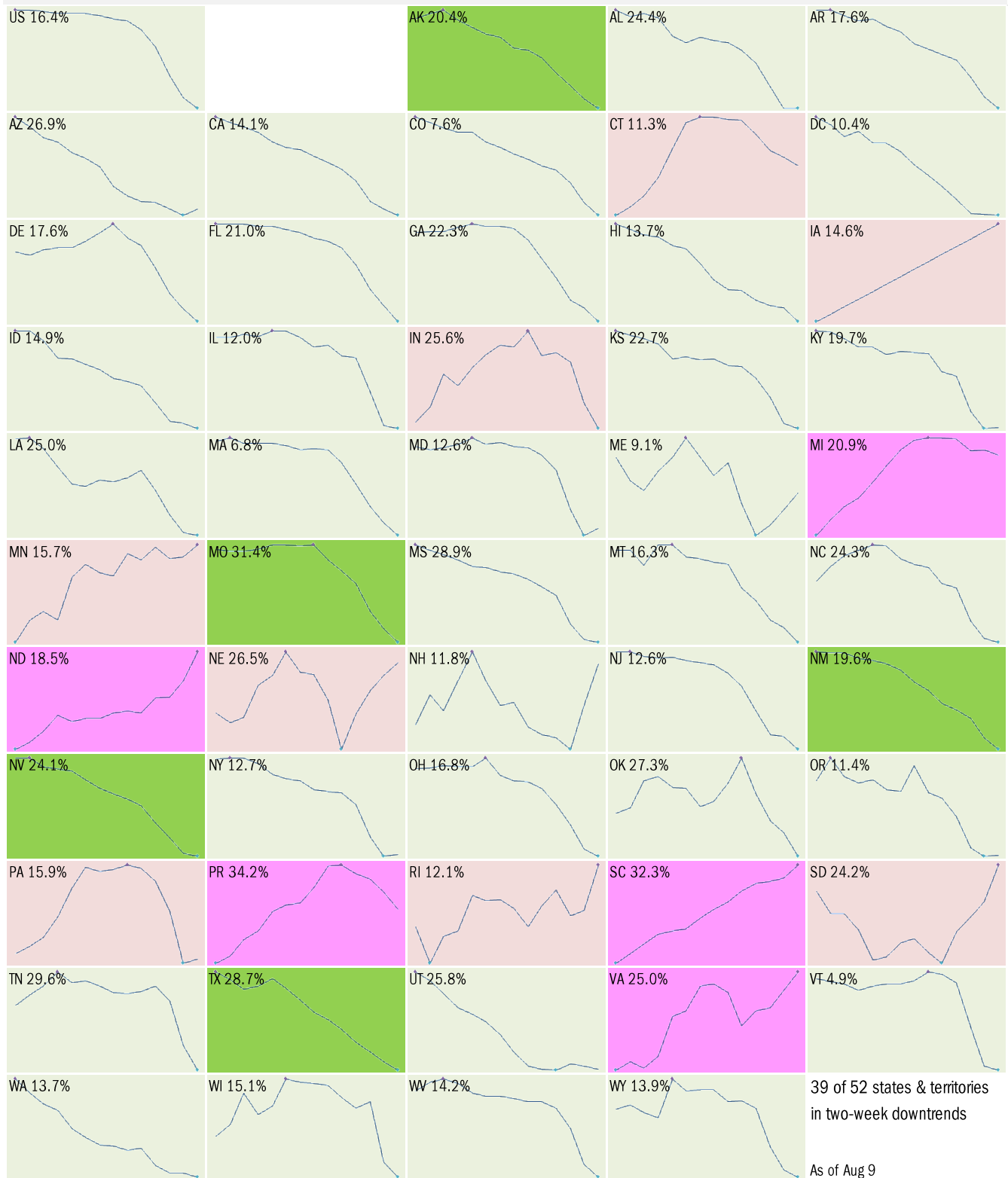


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

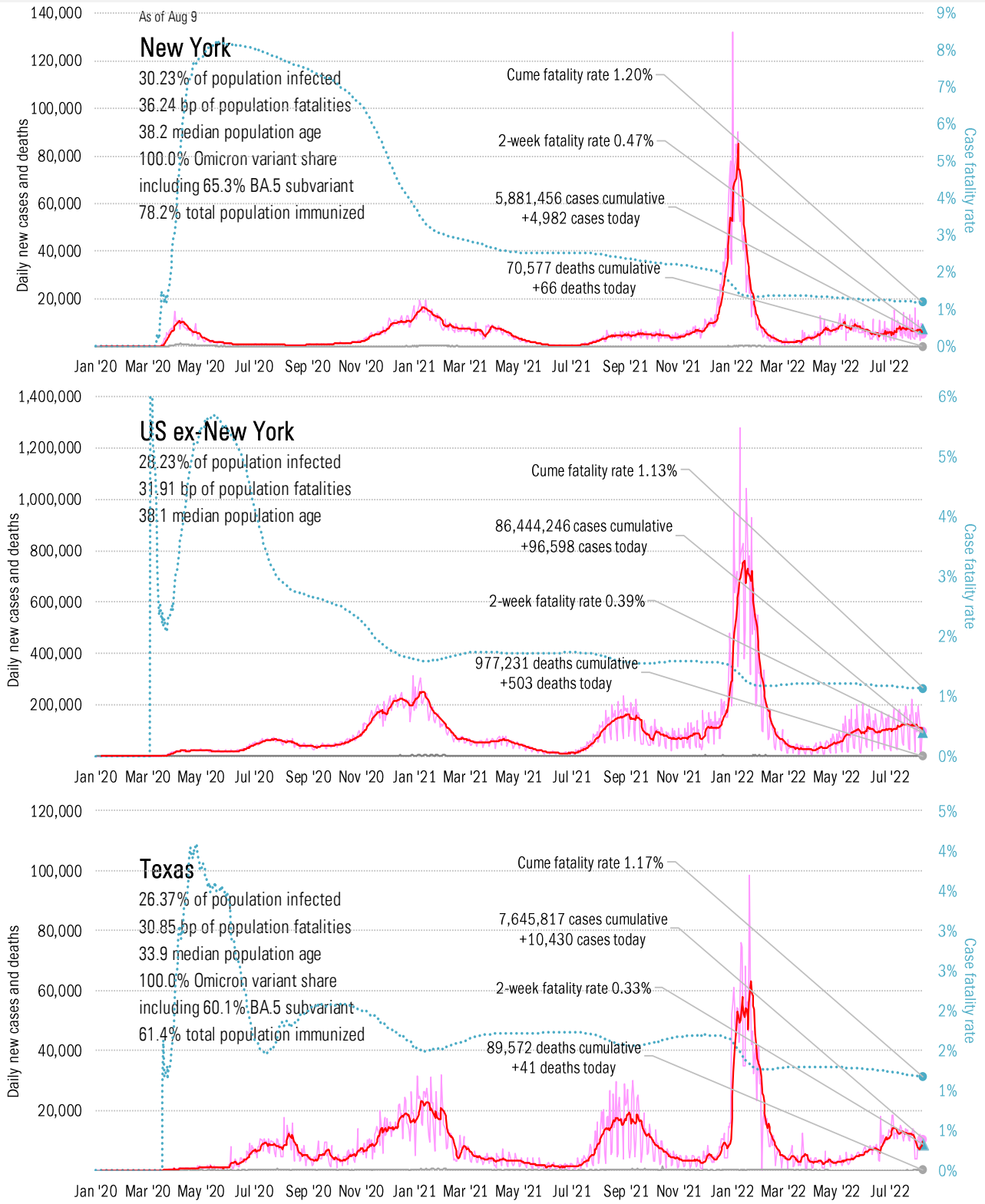
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

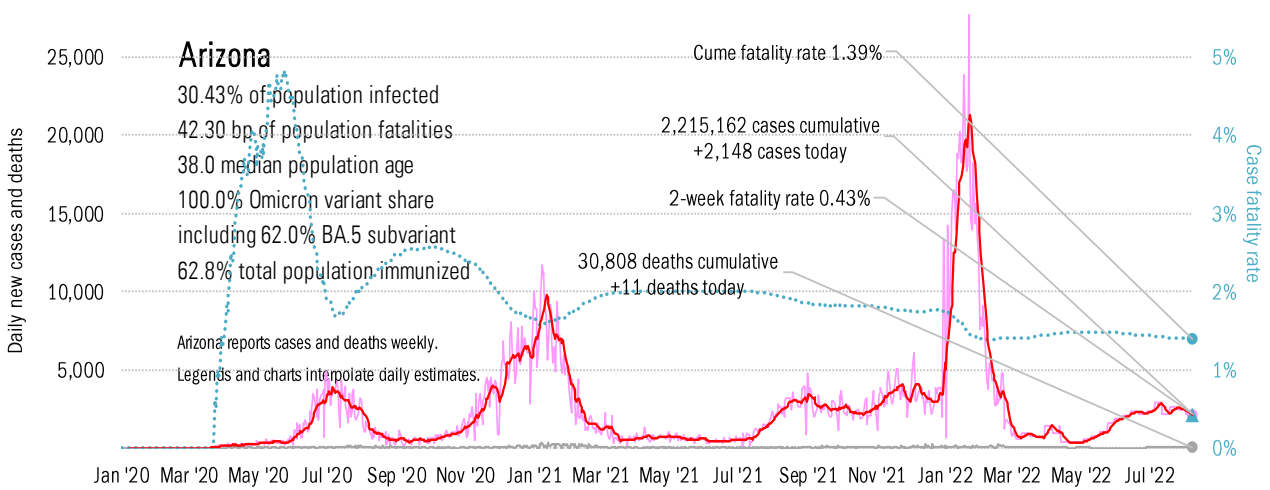
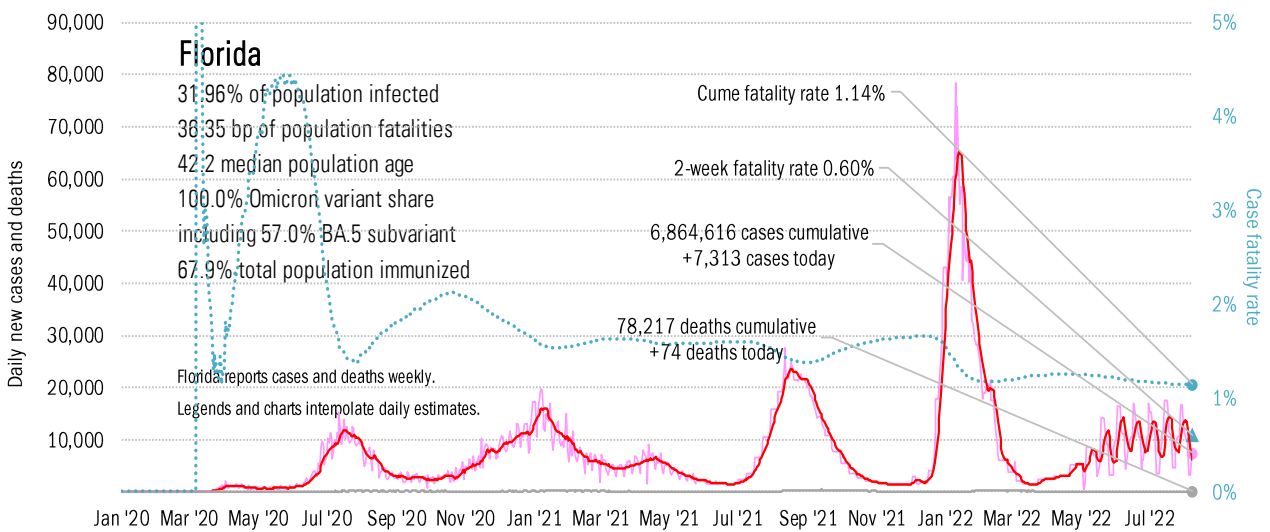
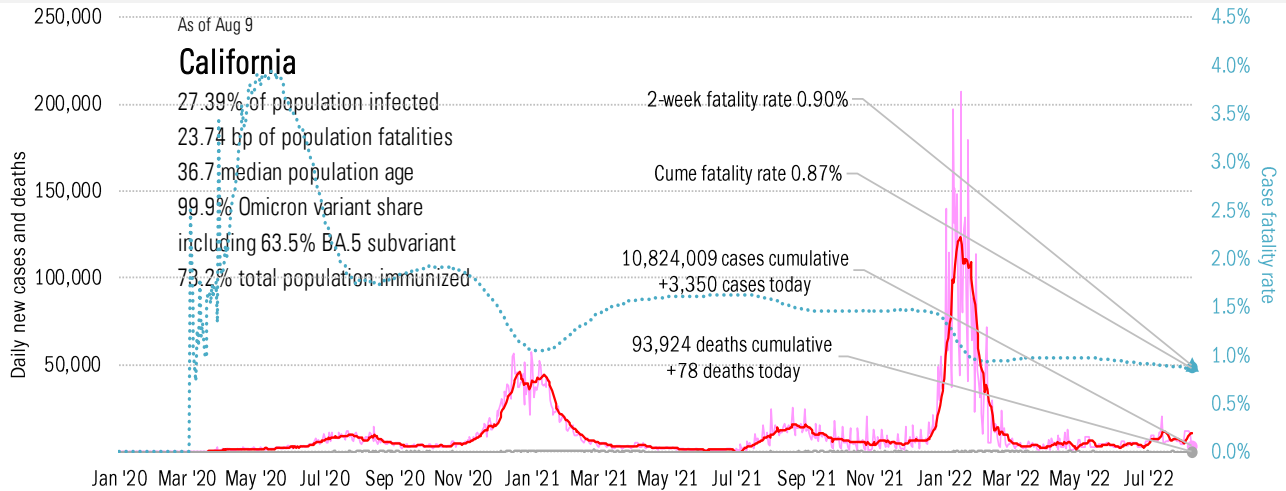
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

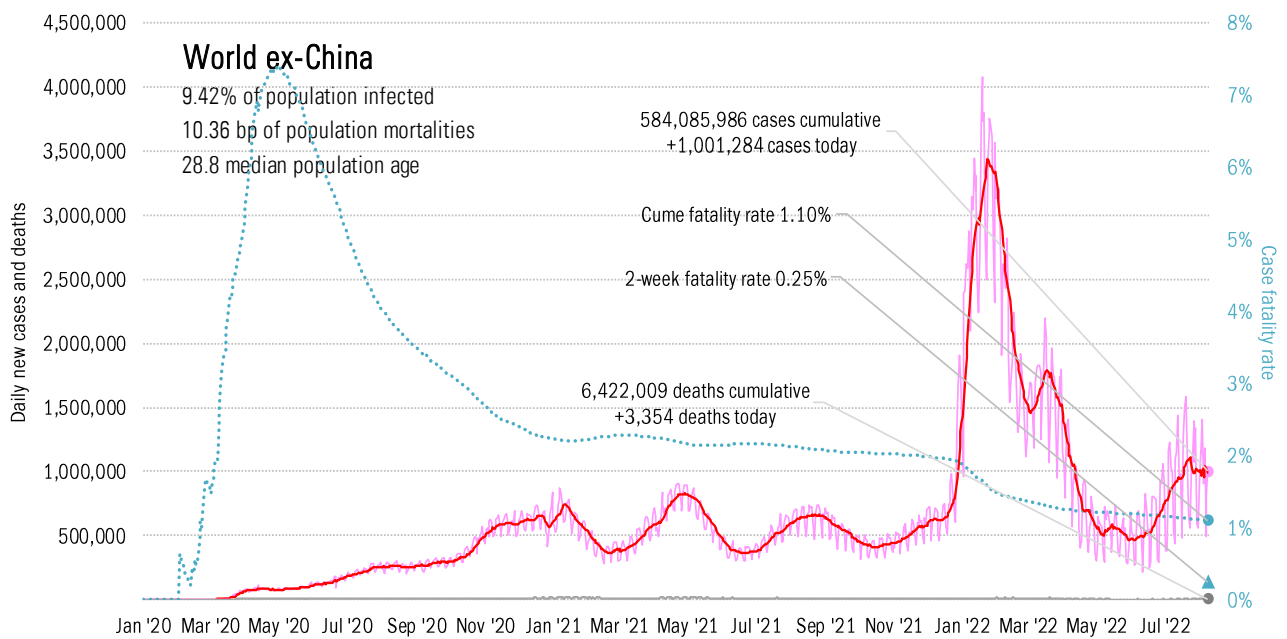
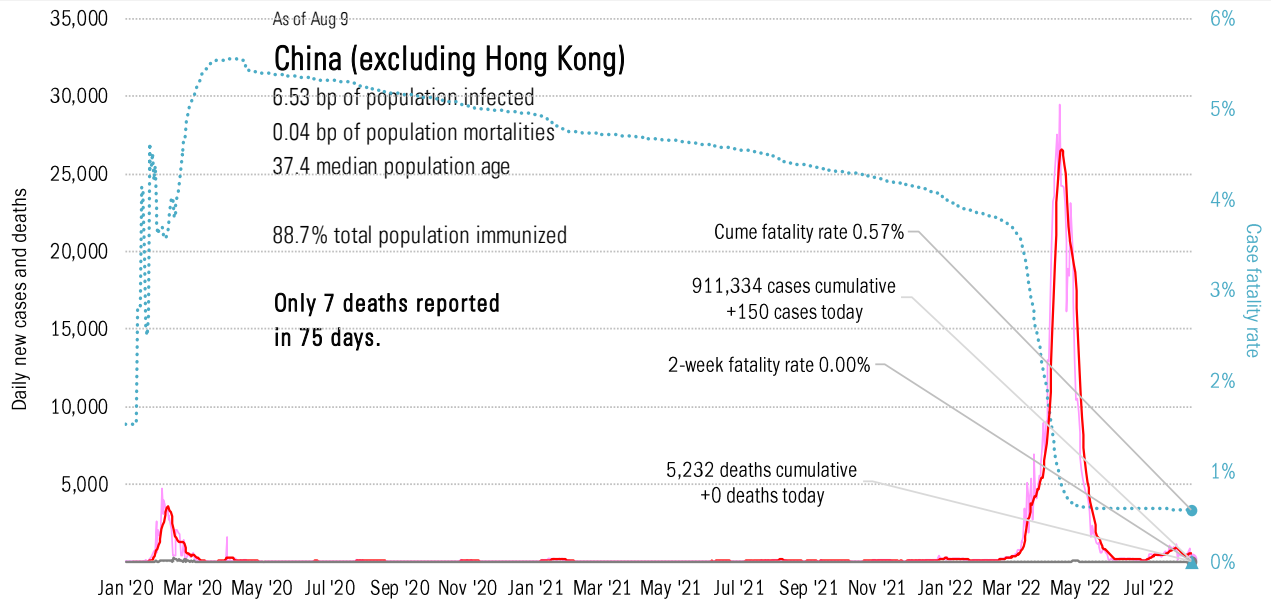
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

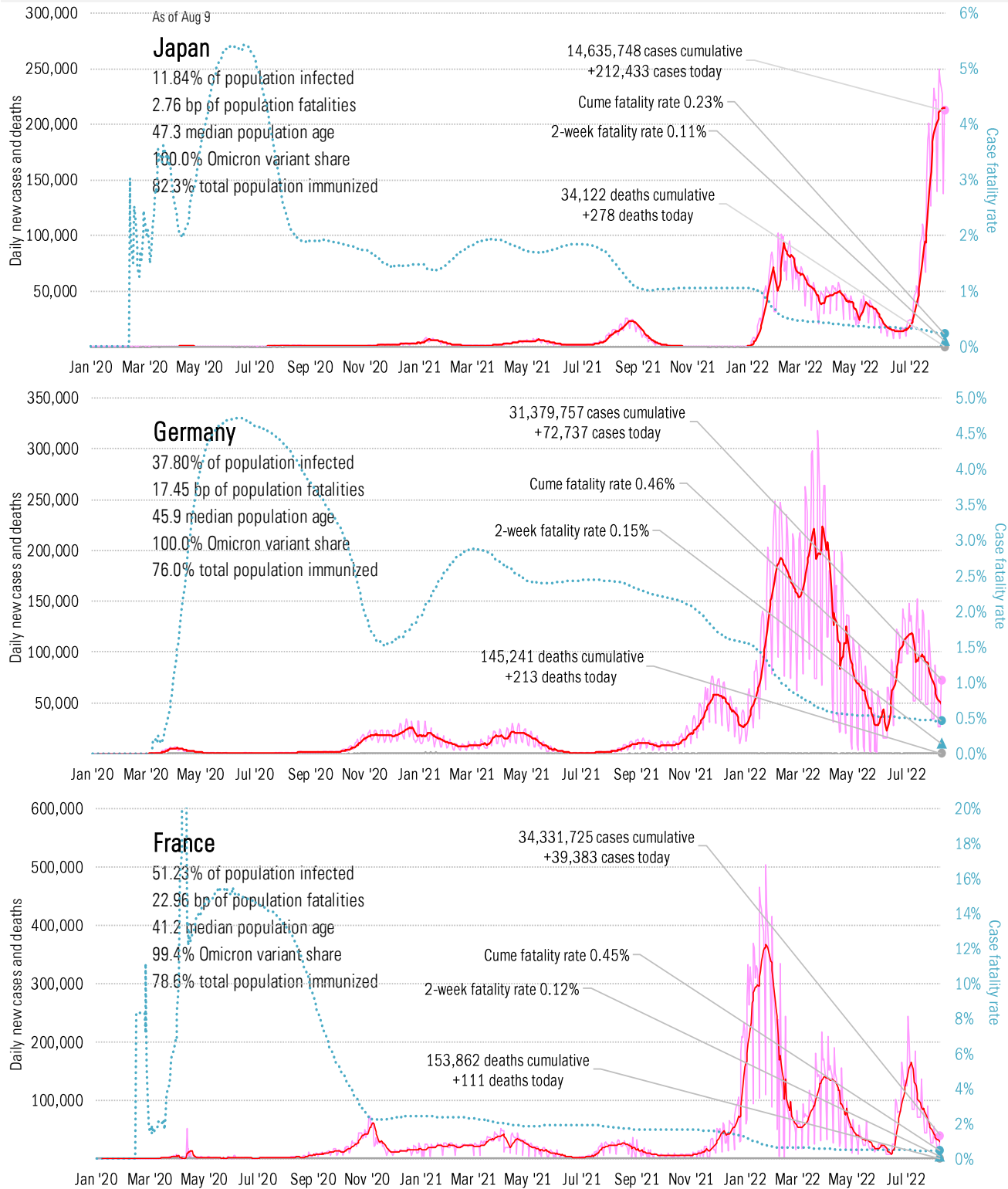
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

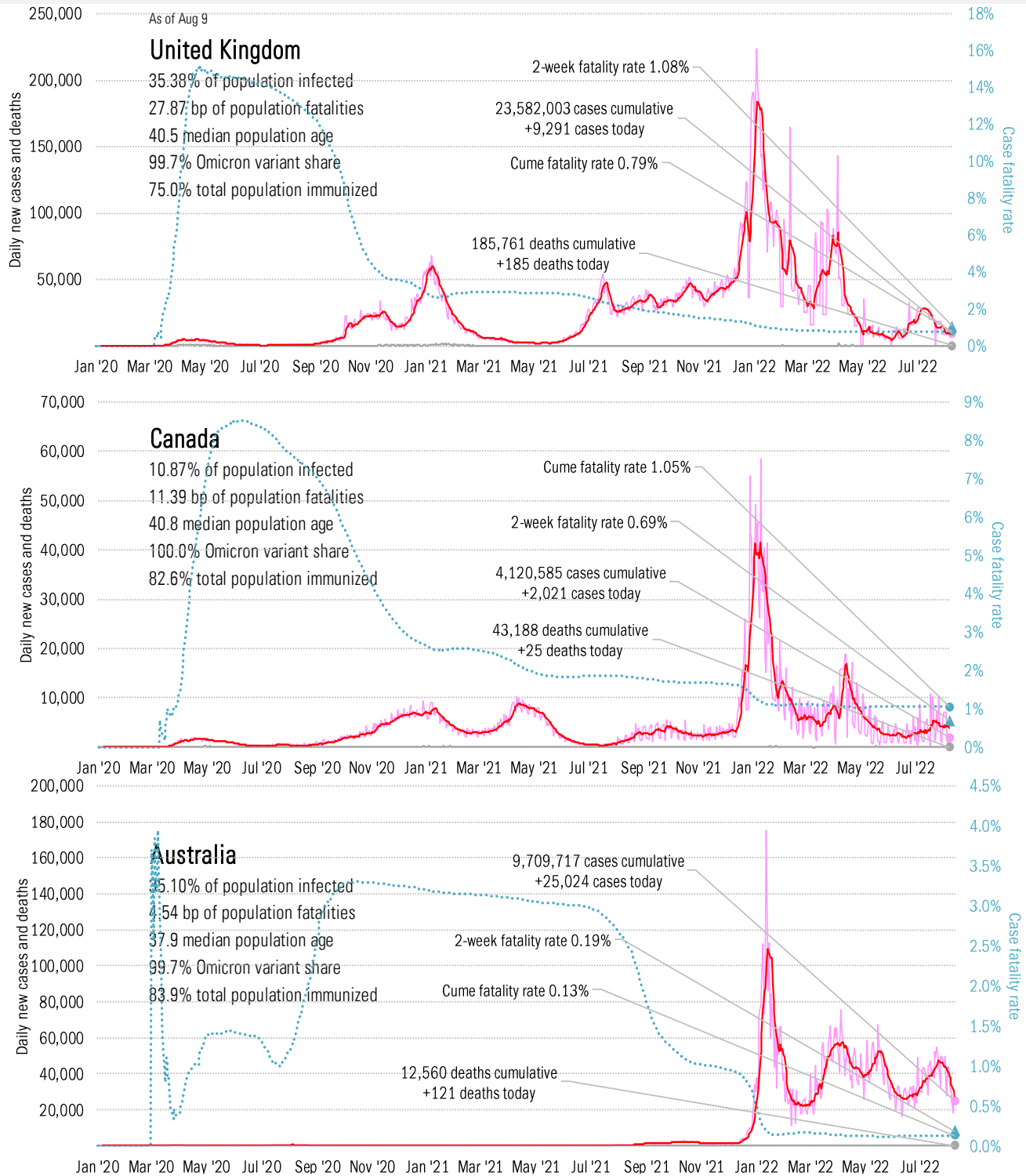
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

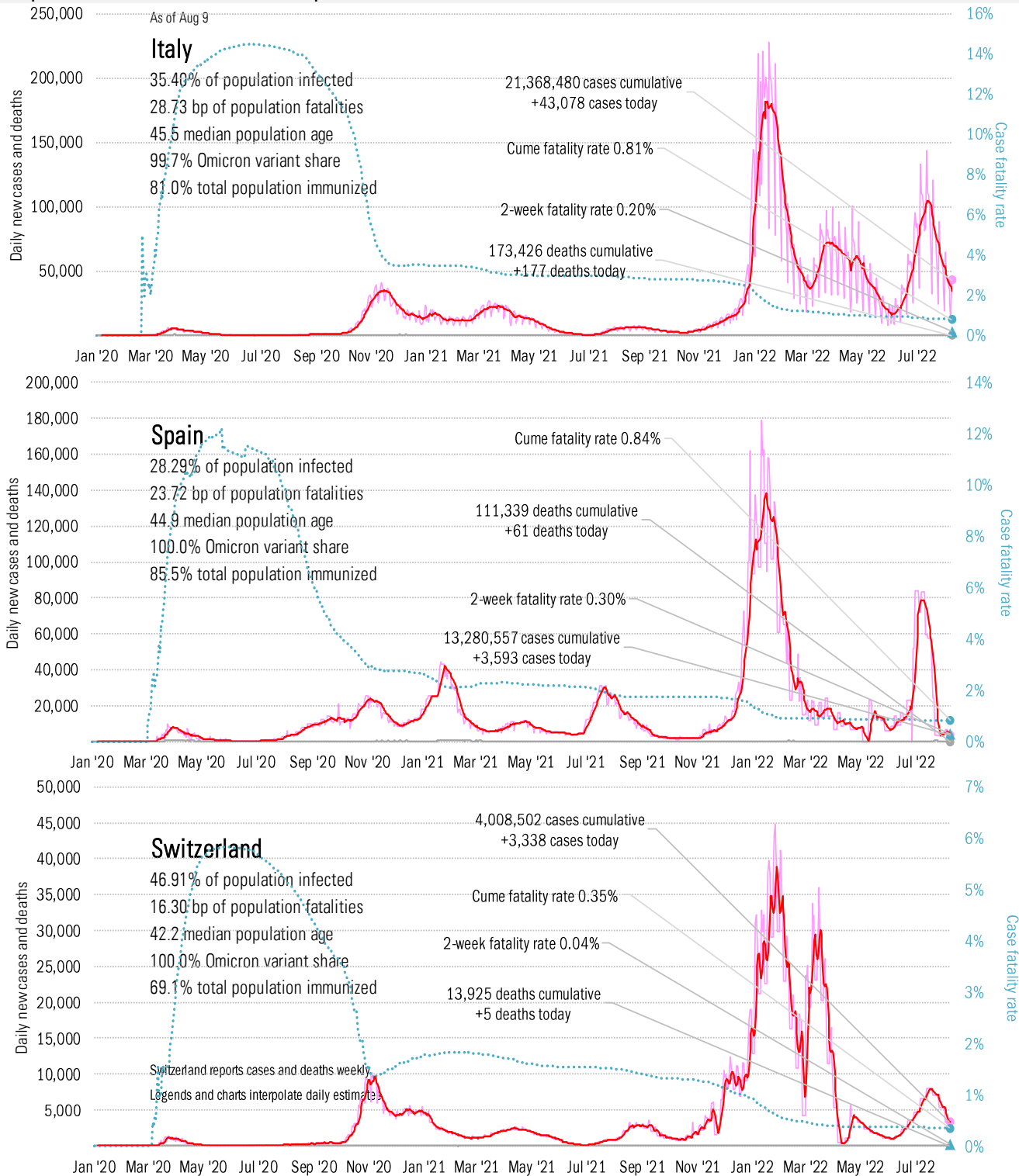
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

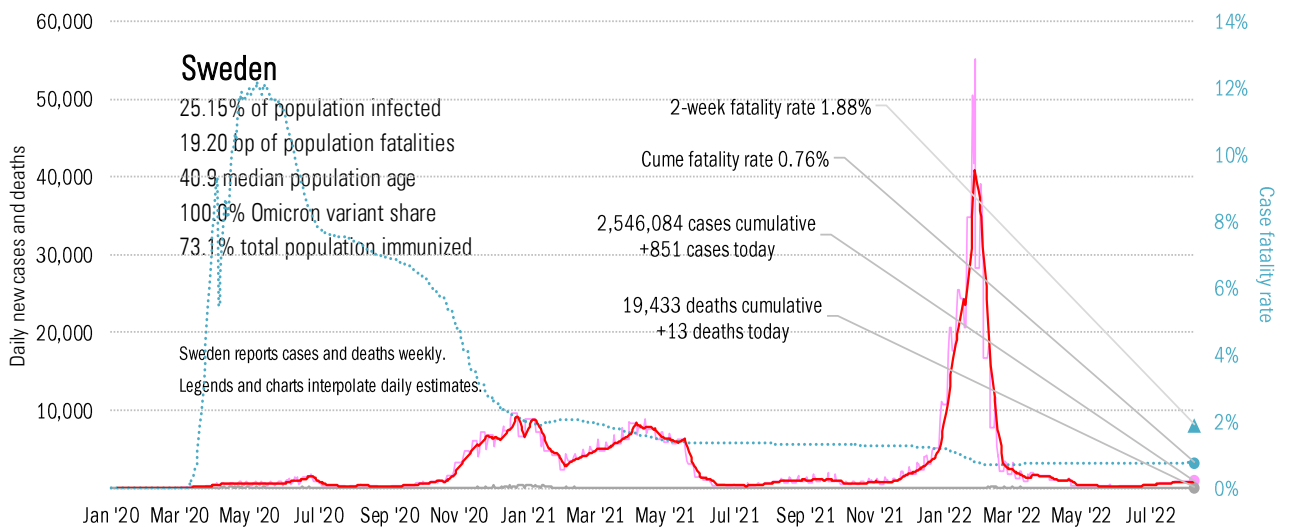
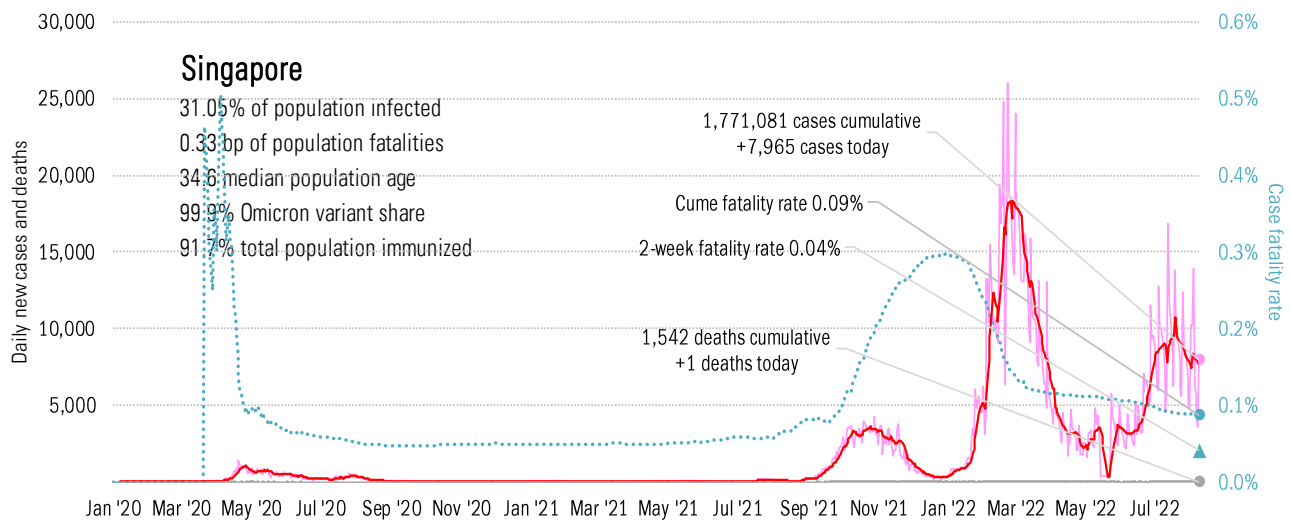
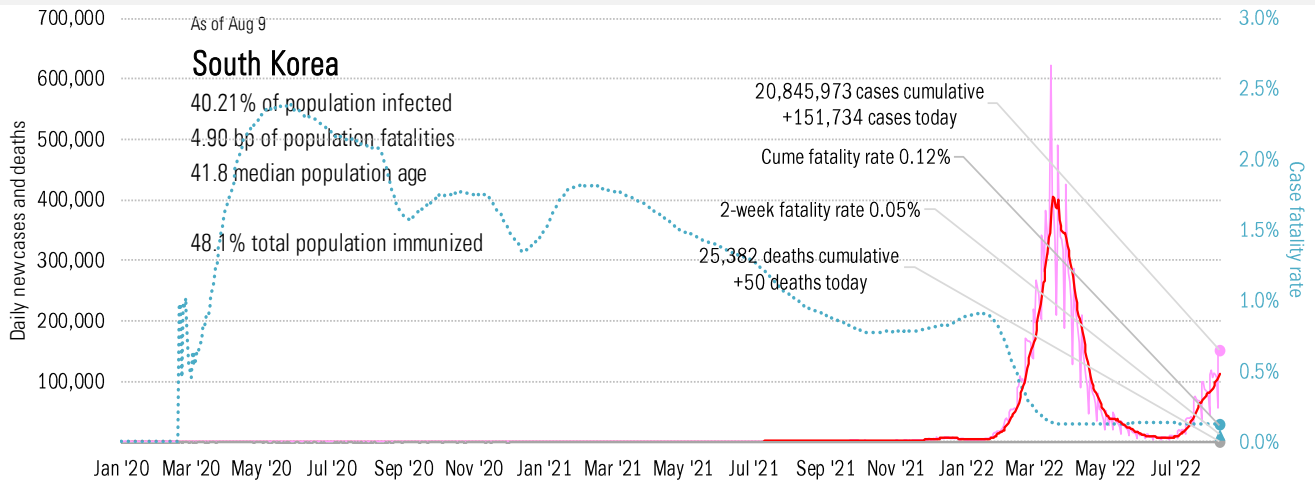
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

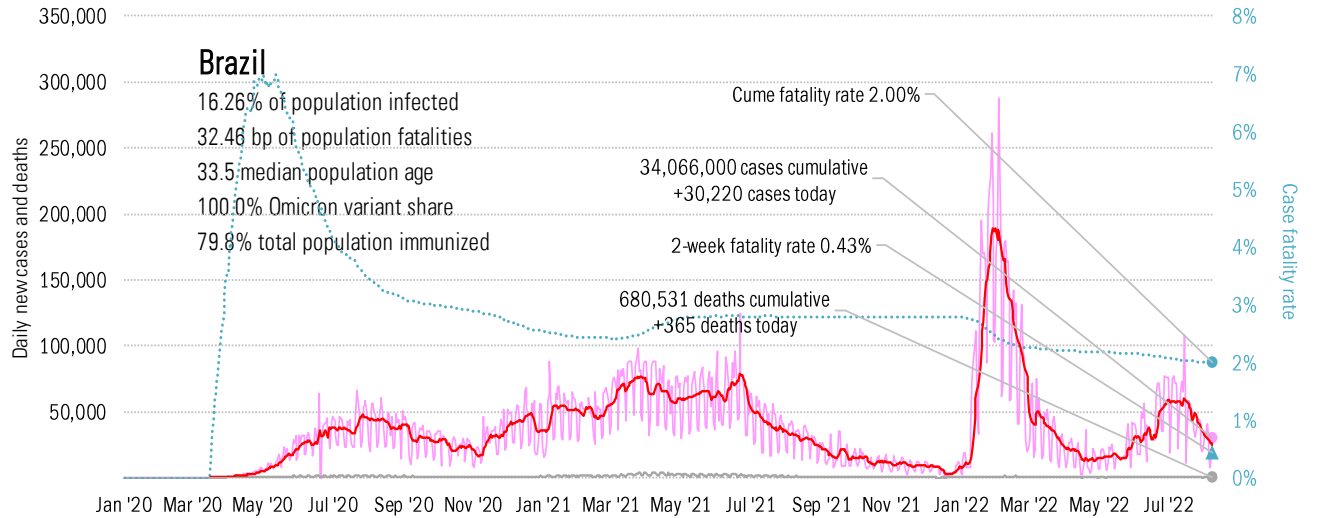
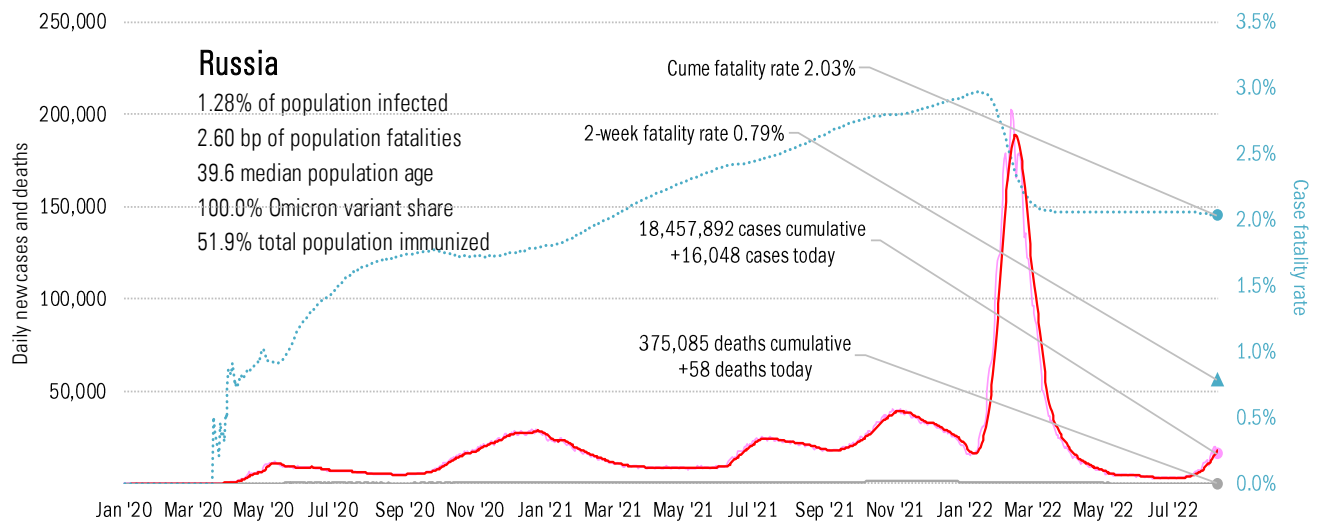
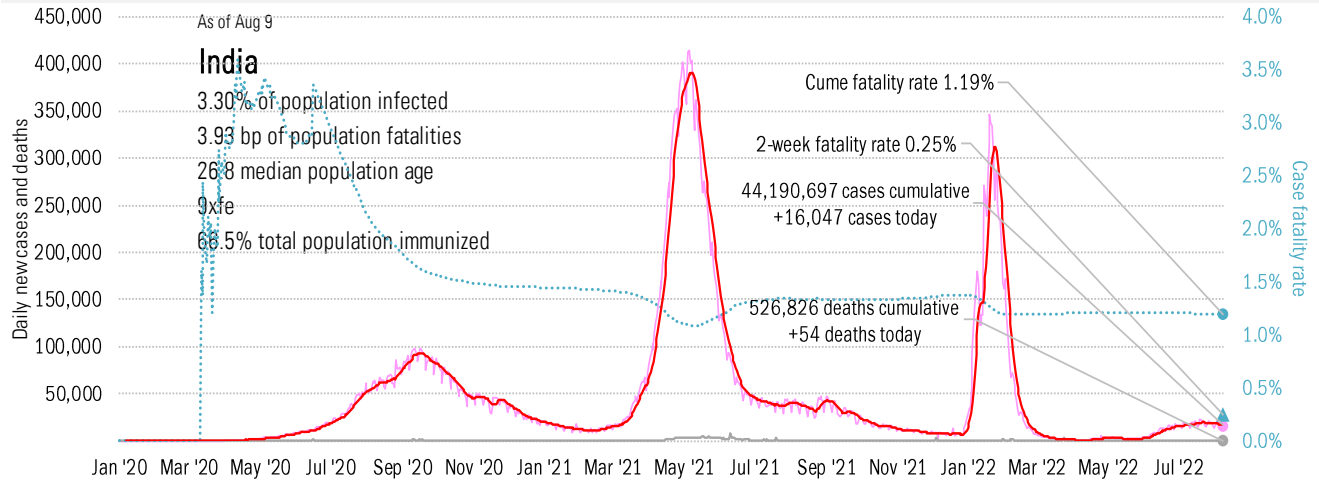
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in the BRICs ex-China

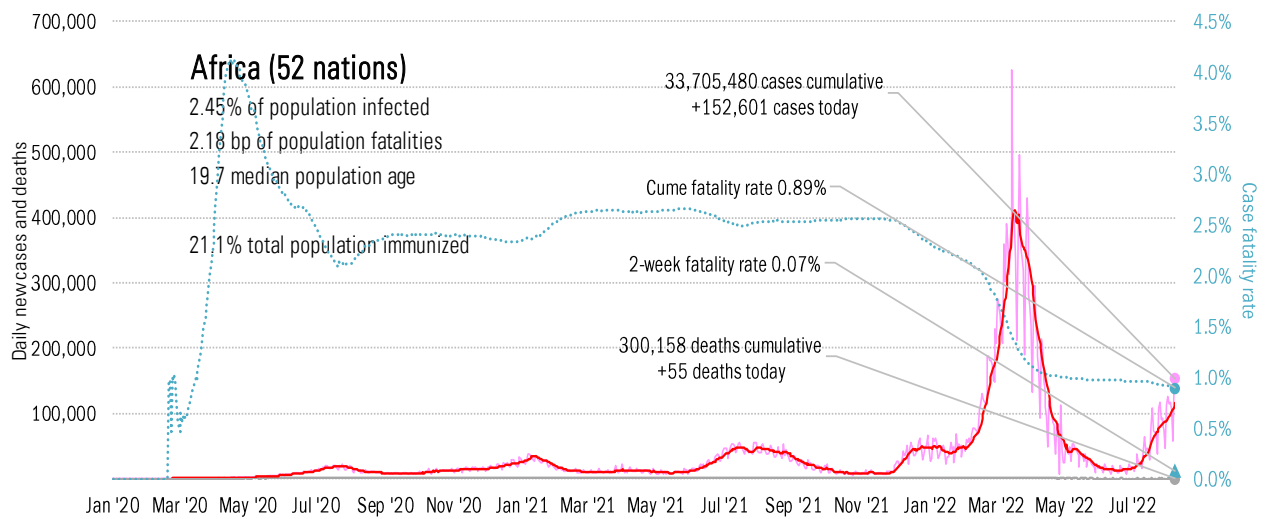
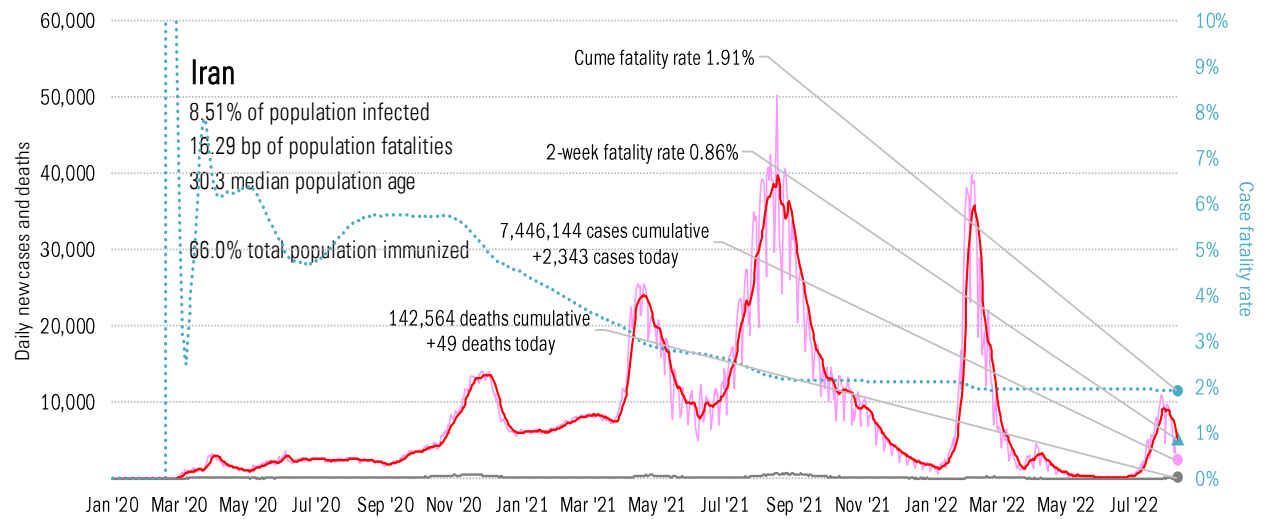
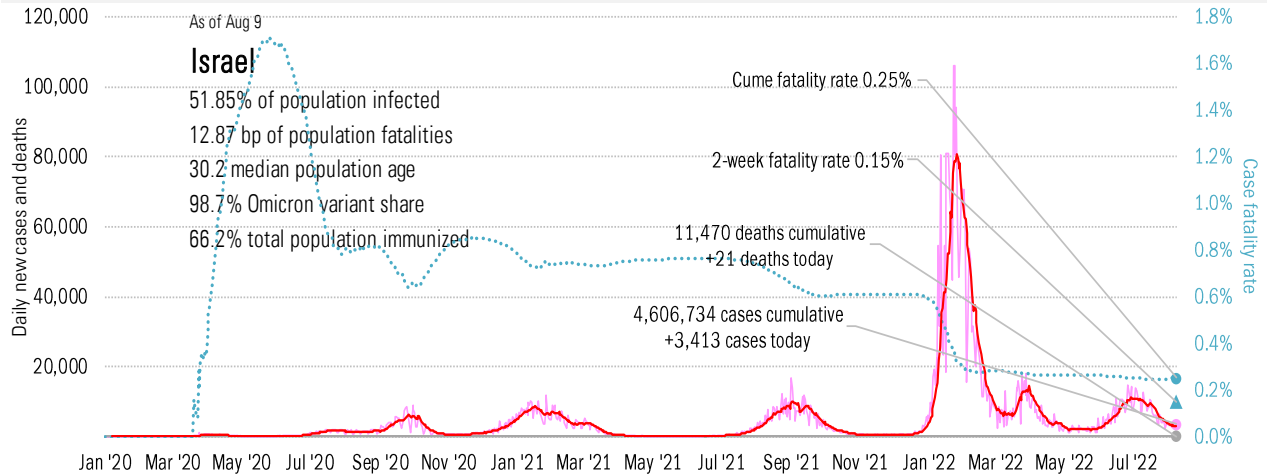
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

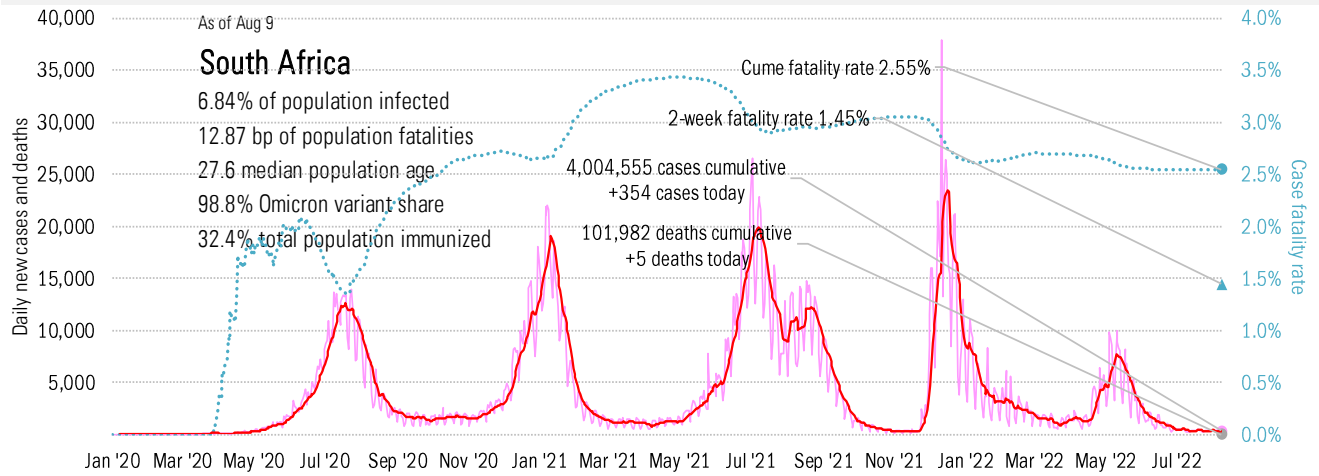
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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