

Data Insights: Covid-2019 Monitor

Friday, August 19, 2022

The global scorecard

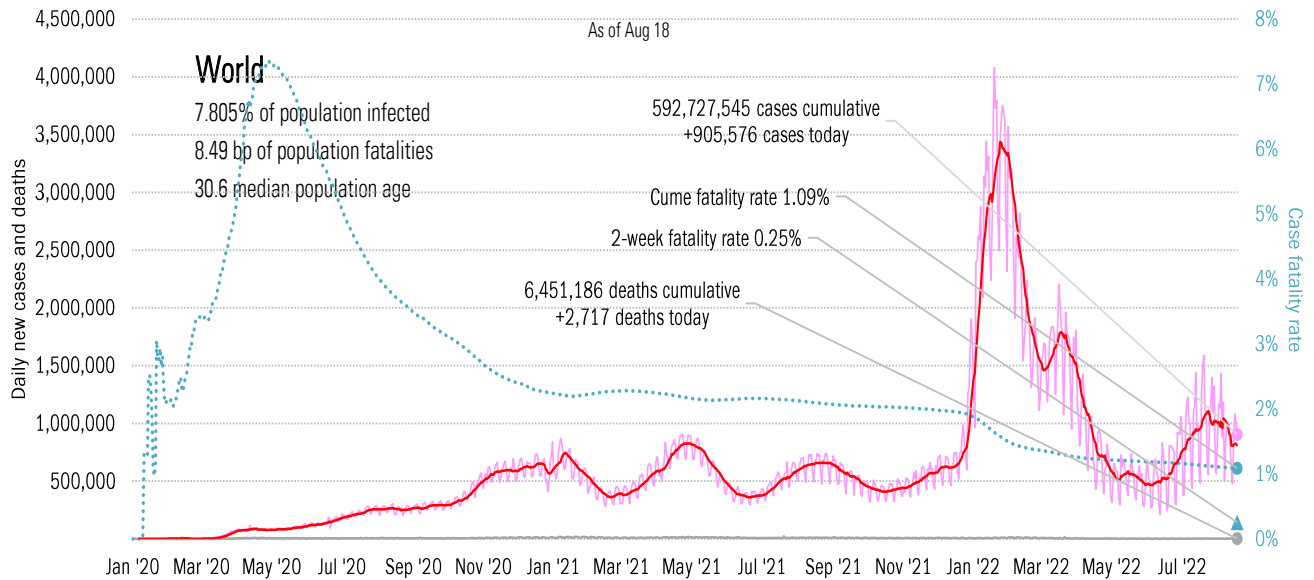
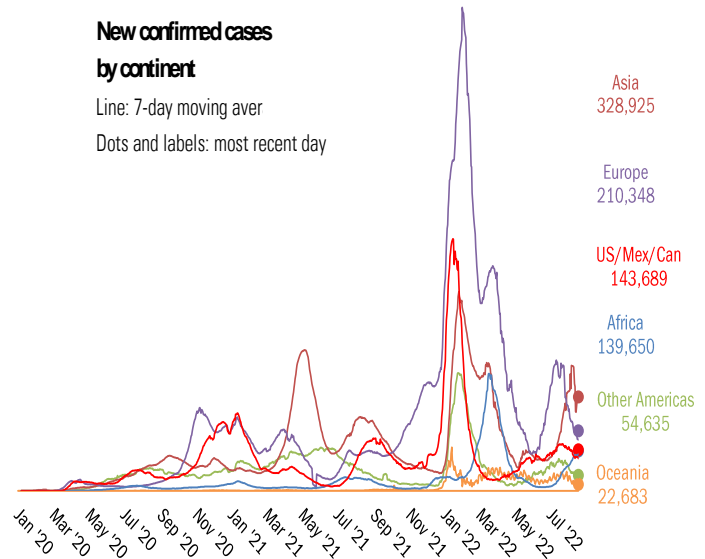
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	255,427	United States	610
Korea, South	138,741	Japan	287
United States	101,932	Brazil	206
Germany	46,724	Germany	169
Russia	35,315	Sweden	154
Italy	27,291	Italy	147
France	23,605	Peru	121
Taiwan*	23,400	Canada	119
Brazil	22,167	Colombia	119
Peru	17,477	Finland	117
692,079		2,049	
World	905,576	World	2,717
Top ten	76%	Top ten	75%

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

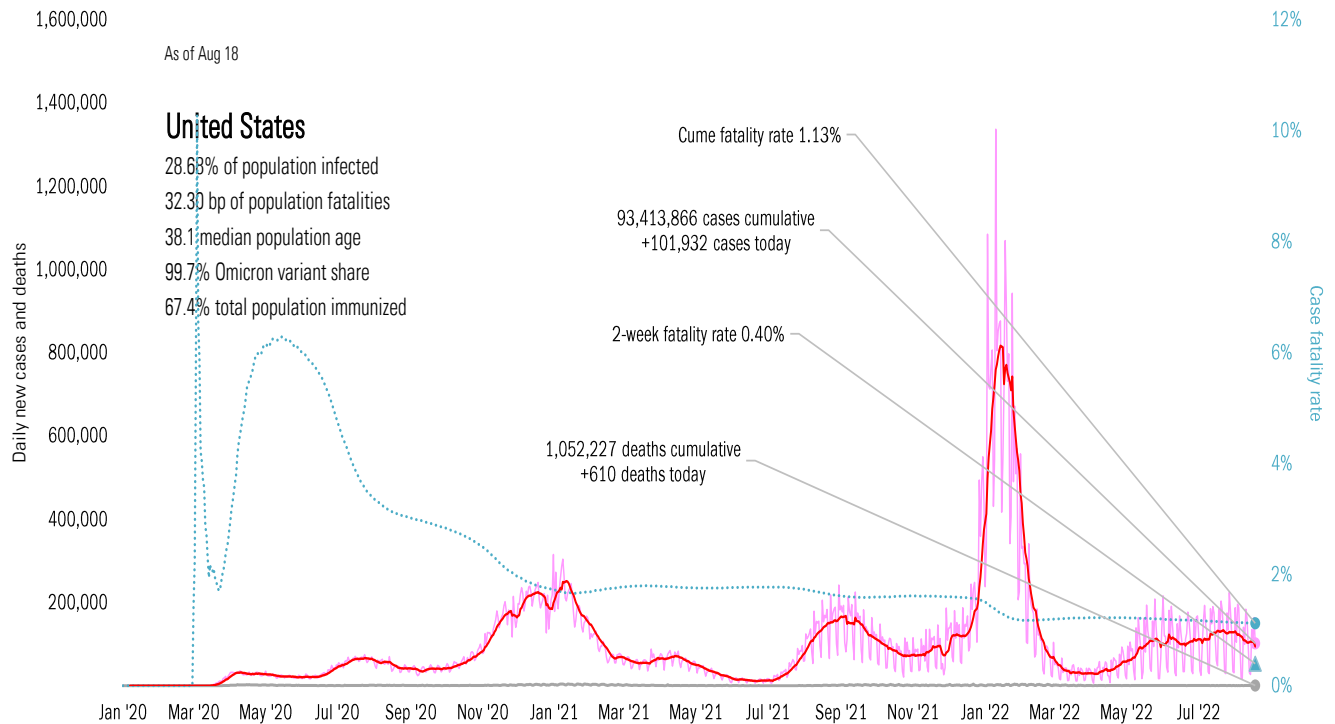
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
TX	10,411		FL	70		PA	317		CA	10,950,572		CA	94,298		TX	531,290		KY	102%	TX	83%
FL	7,339		WA	43		CA	632		TX	7,749,010		TX	89,941		CA	481,988		RI	90%	AK	83%
OK	6,063		IN	41		GA	281		FL	6,968,721		FL	78,883		FL	476,761		MA	89%	AL	83%
NY	6,013		NE	38		NJ	177		NY	5,930,531		NY	70,821		NY	287,379		GA	86%	NC	82%
IL	5,020		TX	30		NY	370		IL	3,641,081		PA	46,514		GA	219,785		MN	85%	NH	81%
IN	4,696		NY	23		MD	87		PA	3,150,248		GA	39,472		CH	209,861		WA	84%	MA	81%
NC	3,906		CA	22		TN	126		NC	3,074,964		CH	39,310		PA	196,121		MO	84%	NM	80%
GA	3,681		LA	22		IN	133		CH	3,026,110		IL	39,160		IL	179,176		MD	83%	NE	80%
CA	3,623		OK	21		KS	55		GA	2,829,283		MI	37,774		MI	156,295		DE	83%	KY	79%
TN	3,459		GA	21		OK	96		MI	2,731,787		NJ	34,440		KY	140,937		AK	83%	RI	79%
54,210			331			2,274			50,052,307			570,613			2,879,593						
All states	101,932			610			5,970		All states	93,413,866			1,052,227			5,224,185		All states	70%		67%
Top ten	53%			54%			38%		Top ten	54%			55%			55%		Median	77%		72%

Some states not reporting

Five most improved US states

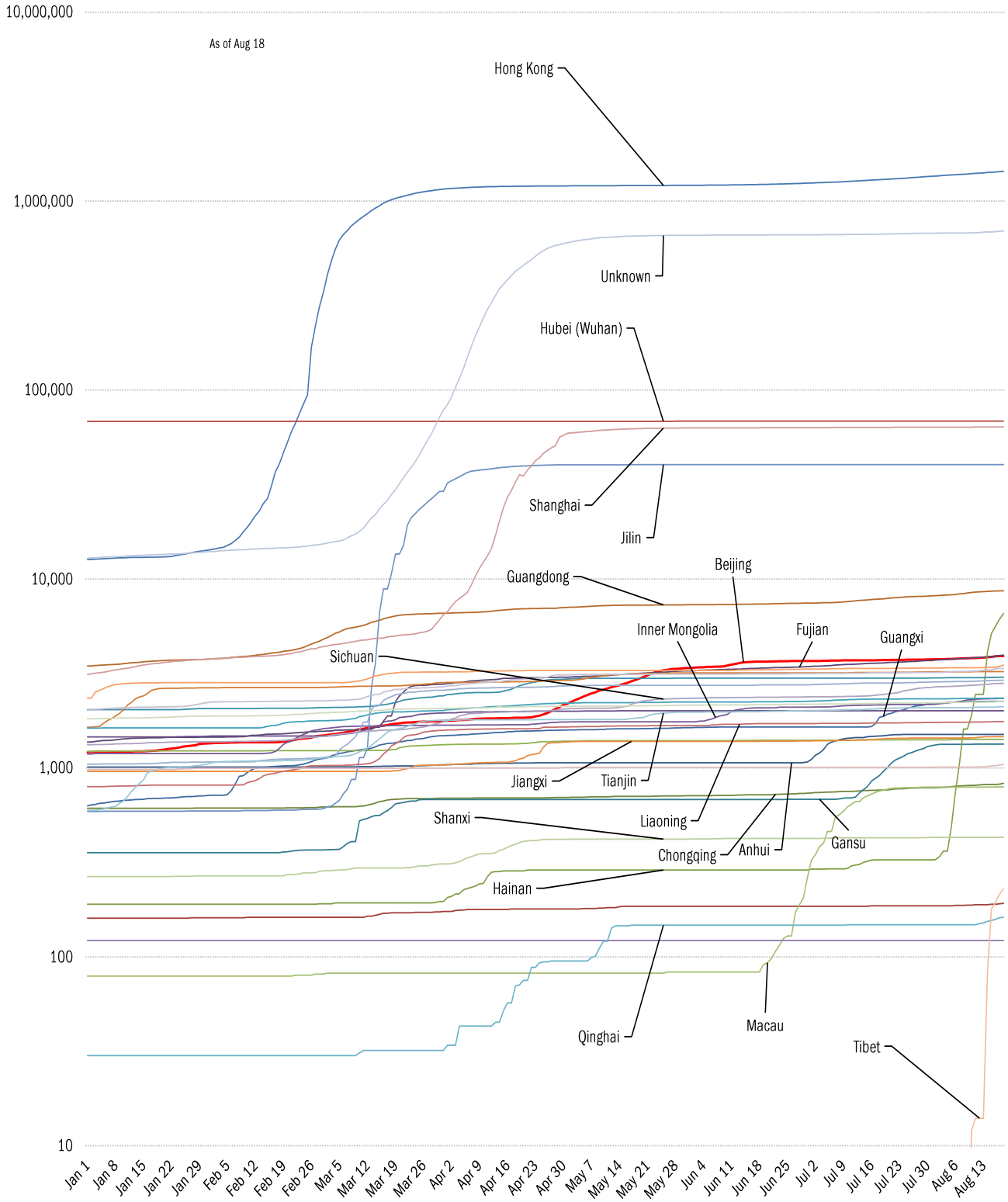
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
PA	-17,511	NY	-30	KY	-48
NY	-2,686	MS	-16	WA	-36
FL	-1,269	TX	-16	OR	-32
IA	-1,077	CA	-14	CO	-27
CA	-1,045	WV	-10	FL	-26



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"

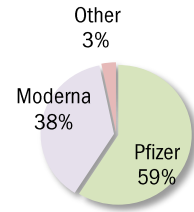


Source: [Johns Hopkins](#), TrendMacro calculations

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%
Total population	270,471,978	81%	230,193,455	69%	+0.034 million	Spain	85.5%
Age 12 to 17	18,095,150	72%	15,459,413	61%	+0.003 million	Germany	76.0%
Age 18 to 64	180,661,461	89%	153,482,893	75%	+0.015 million	Italy	81.0%
Age 65 and over	59,665,647	100%	52,194,513	95%	+0.005 million	Australia	83.9%
						Israel	66.2%
						Canada	82.6%
						Japan	82.3%
						Africa	21.8%
						India	66.7%
						Brazil	79.9%
						China	89.0%



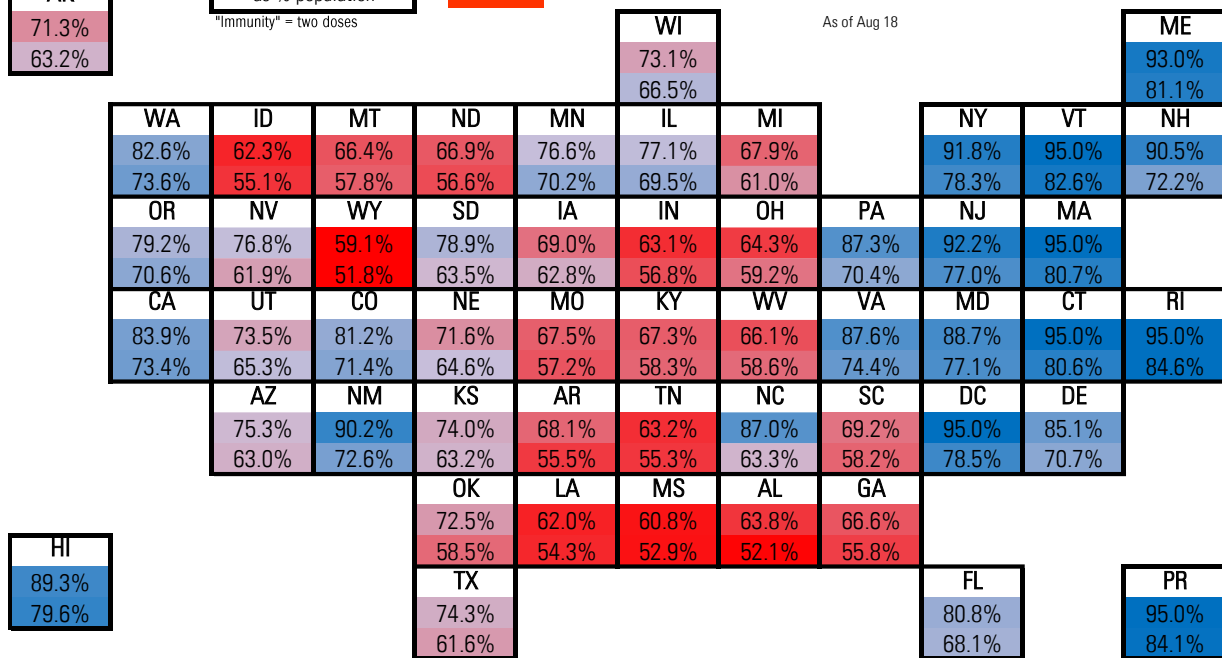
AK	71.3%
	63.2%

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

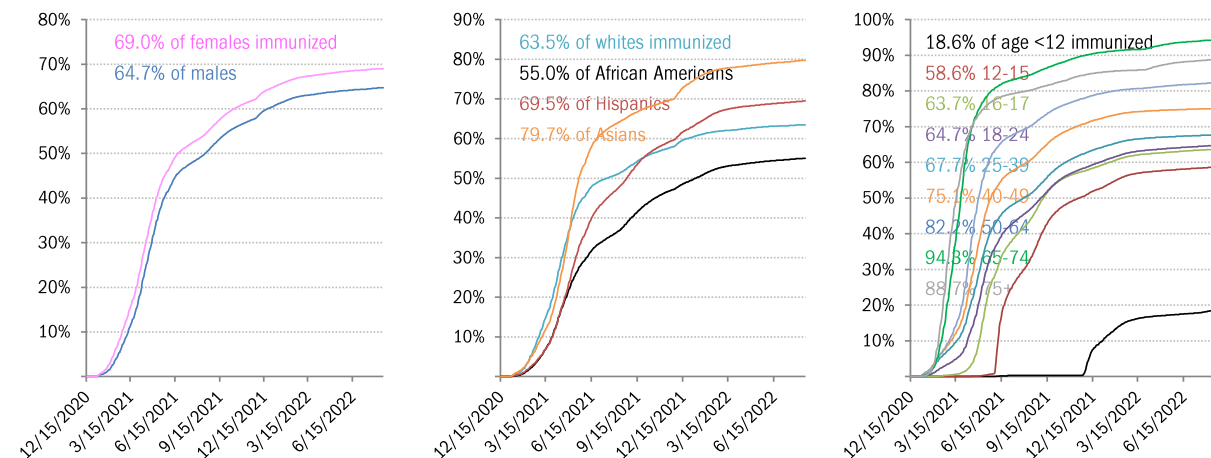
Immunity = two doses

Best
Middle
Worst

Global data differs due to sources, timing



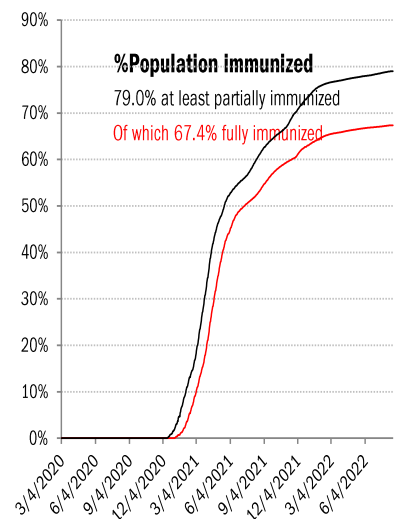
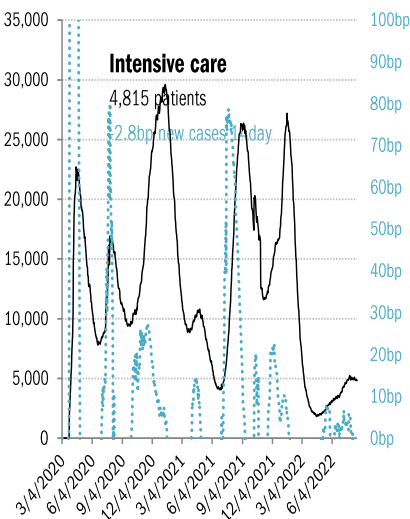
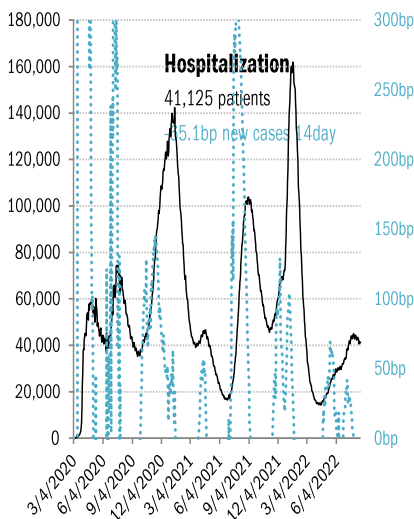
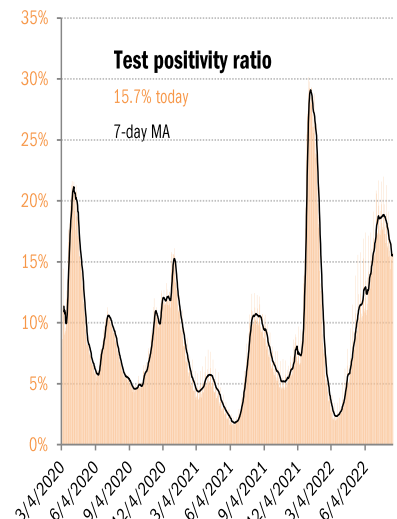
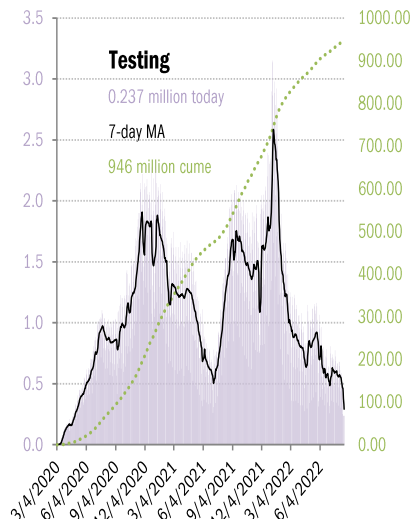
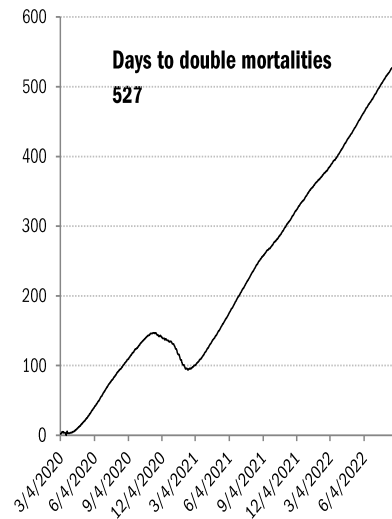
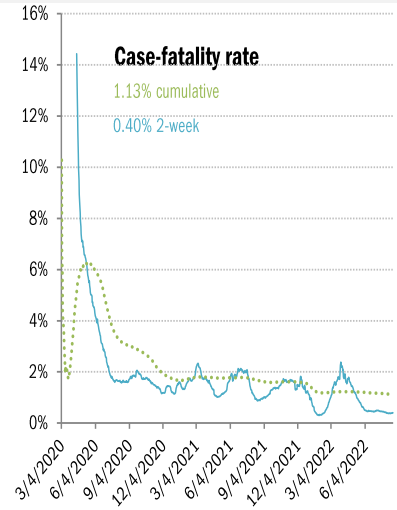
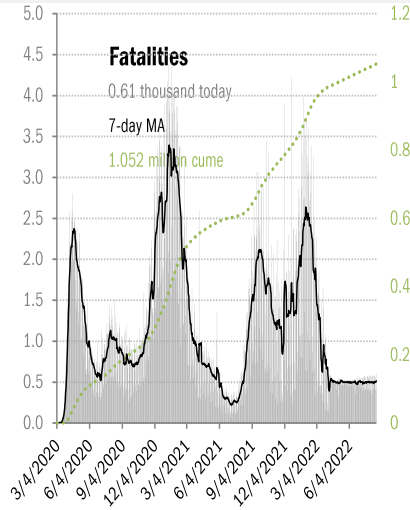
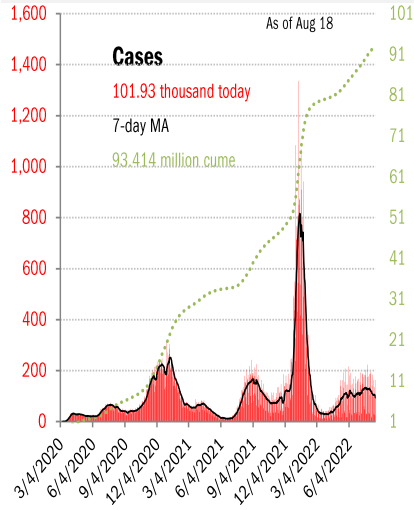
The demographics of US vaccination



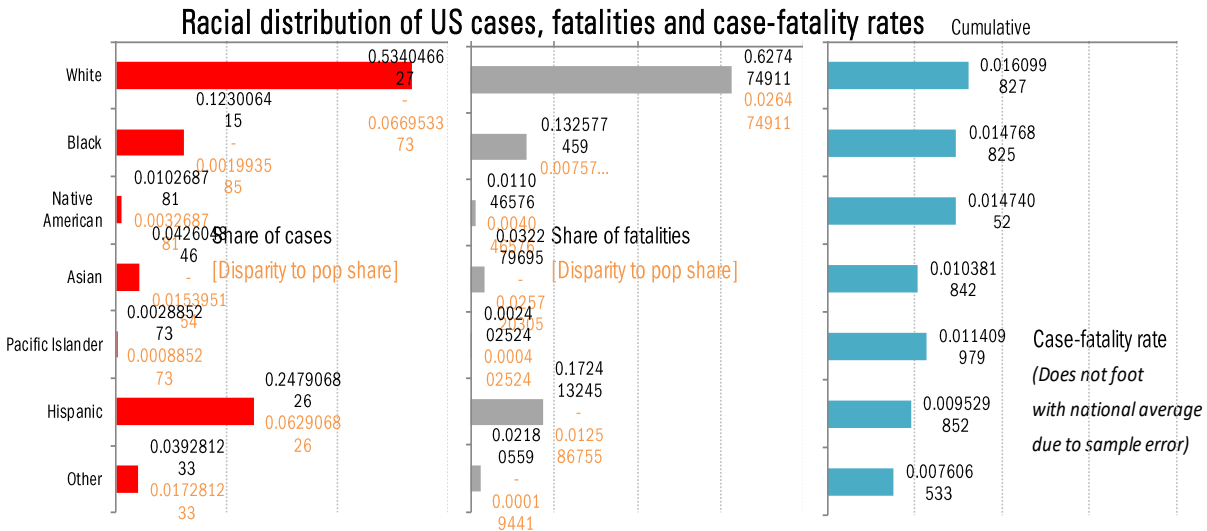
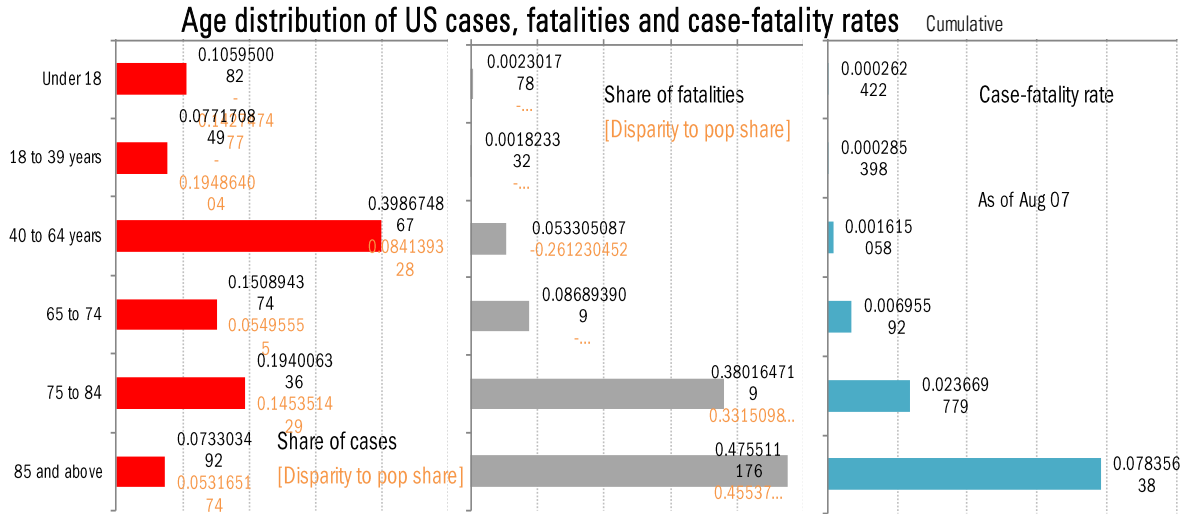
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

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

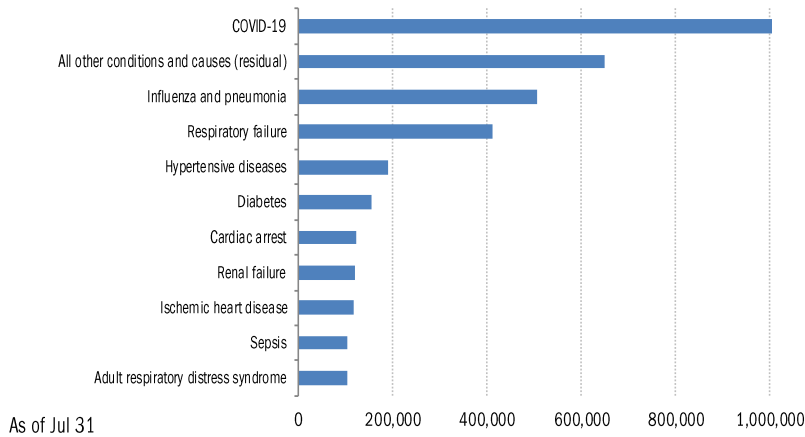


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

[Fauci and Walensky Double Down on Failed Covid Response](#)

John Tierney
Wall Street Journal
August 18, 2022

[Health Care Utilization in the 6 Months Following SARS-CoV-2 Infection](#)

Sara Y. Tartof et al.
Jama Network
August 12, 2022

[The Centers for Disease Politics](#)

Wall Street Journal
August 18, 2022

[COVID-19 Diagnosis Leads to More Healthcare Utilization Later](#)

Jacqueline LaPointe
Recycle Intelligence
August 17, 2022

[There's a bit of good news about monkeypox. Is it because of the vaccine?](#)

Michaelen Doucleff
NPR
August 18, 2022

[Watch: Shoppers At Shanghai Ikea Flee Sudden COVID Lockdown](#)

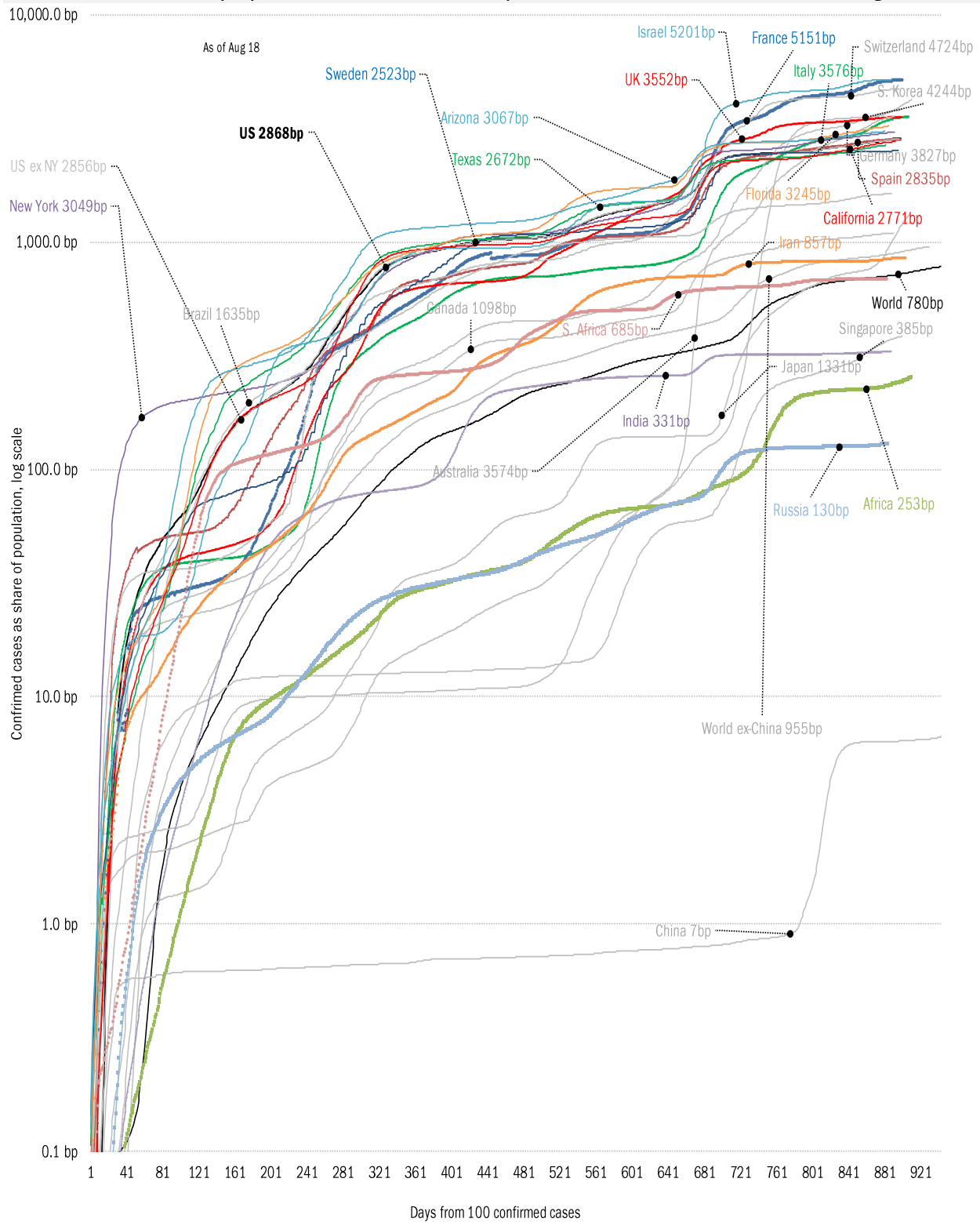
Tyler Durden
Zero Hedge
August 17, 2022

Meme of the day



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

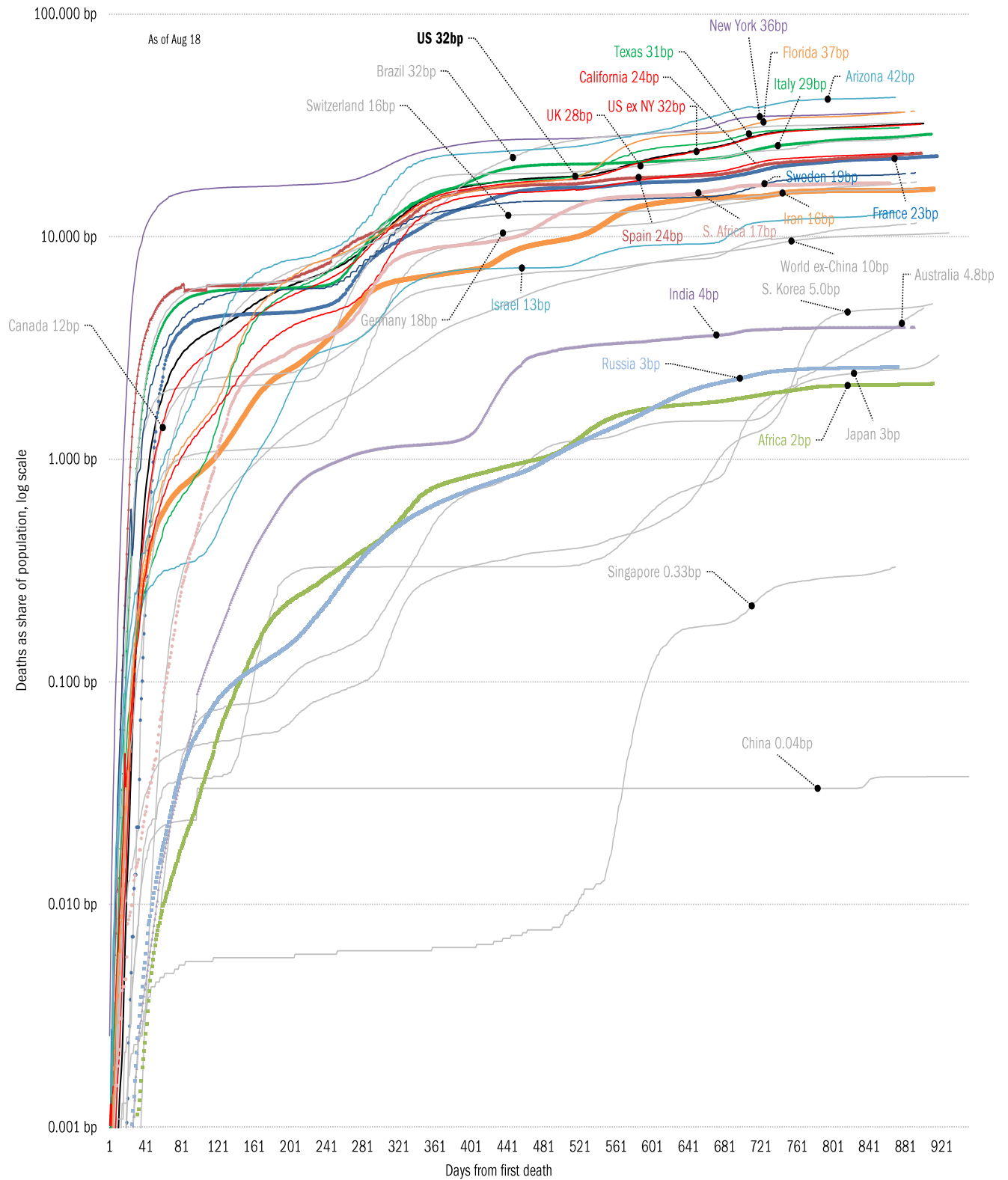
The global coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

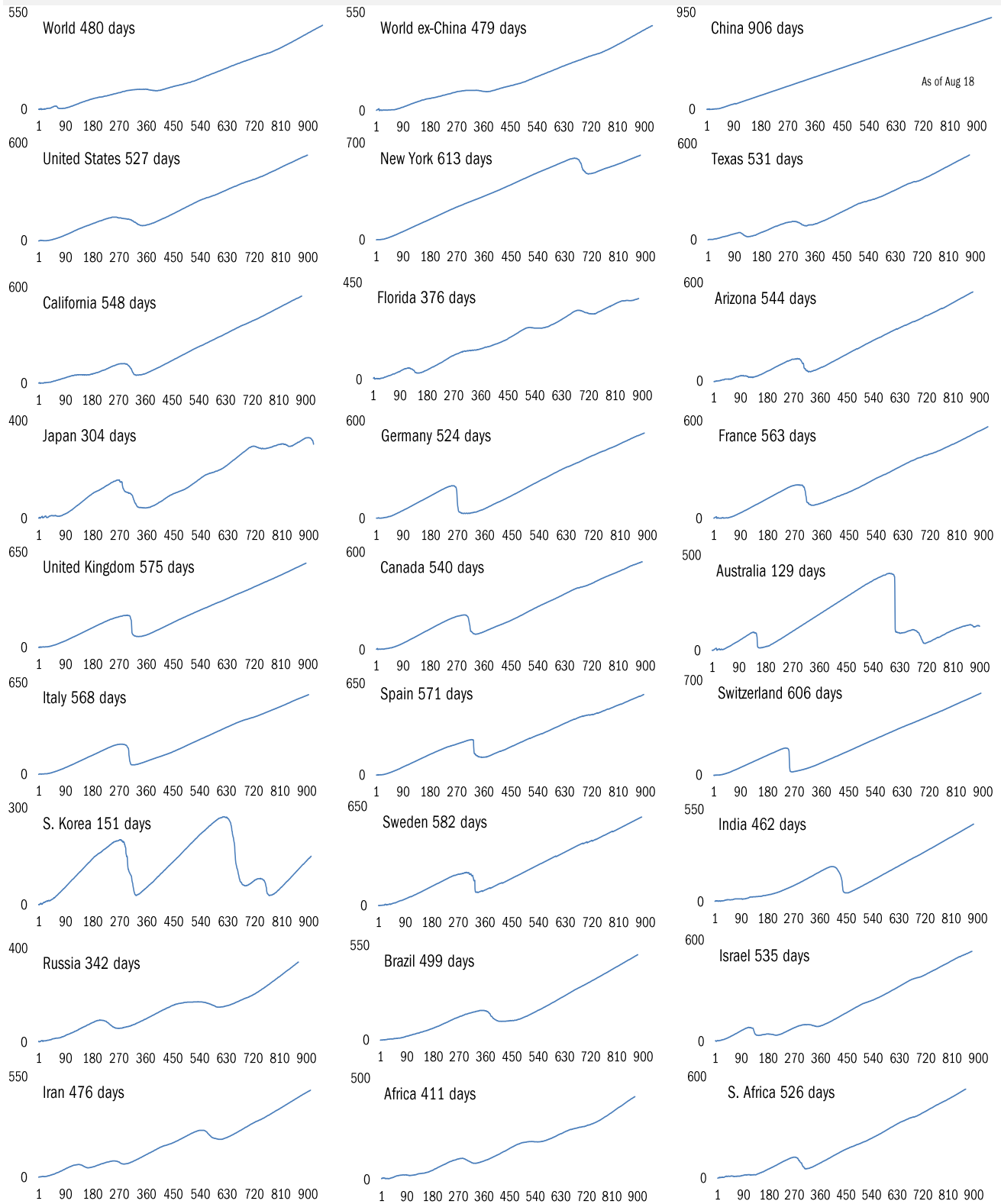


Source: [Johns Hopkins](#), TrendMacro calculations

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

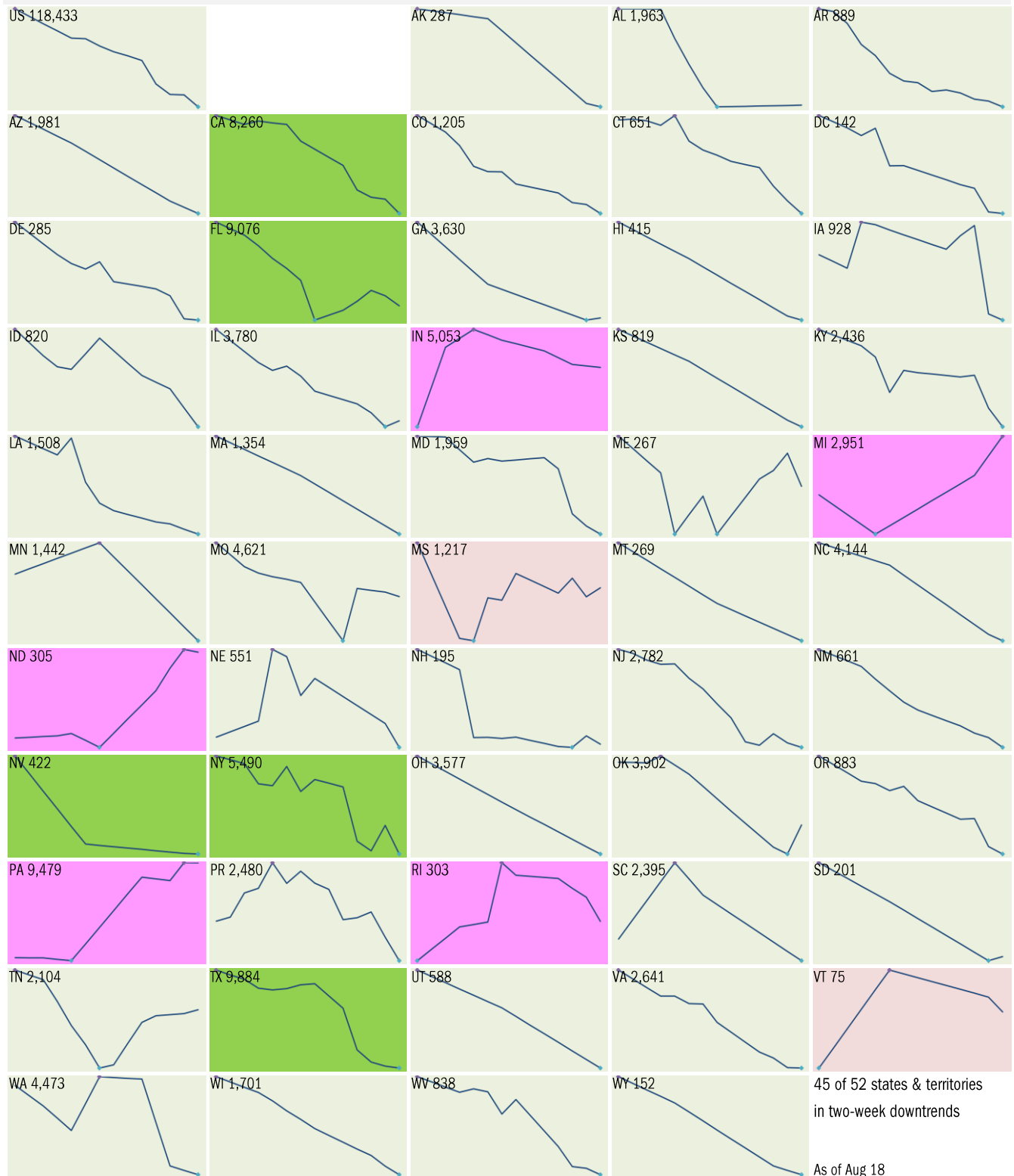


Source: [Johns Hopkins](#), TrendMacro calculations

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

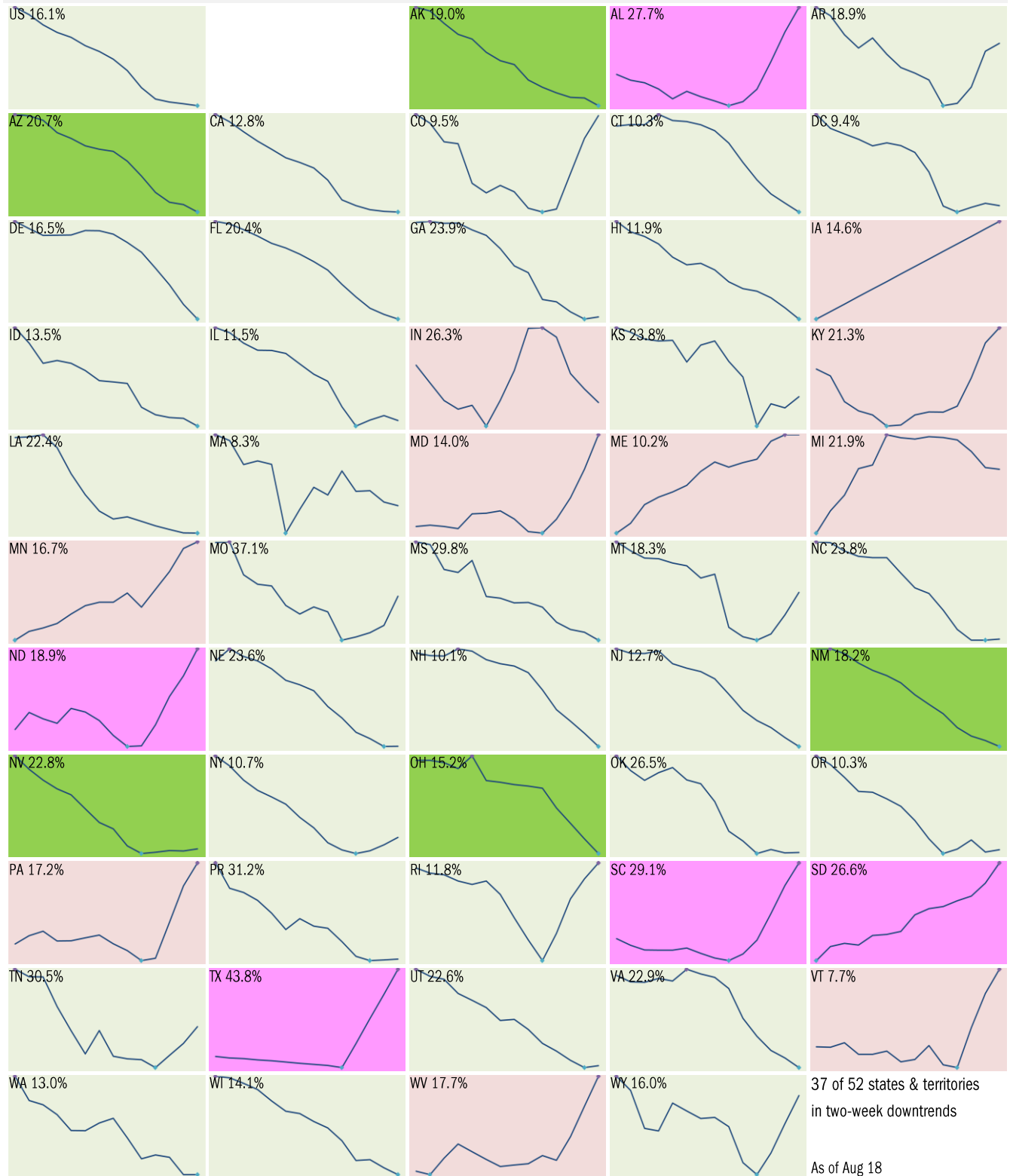


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

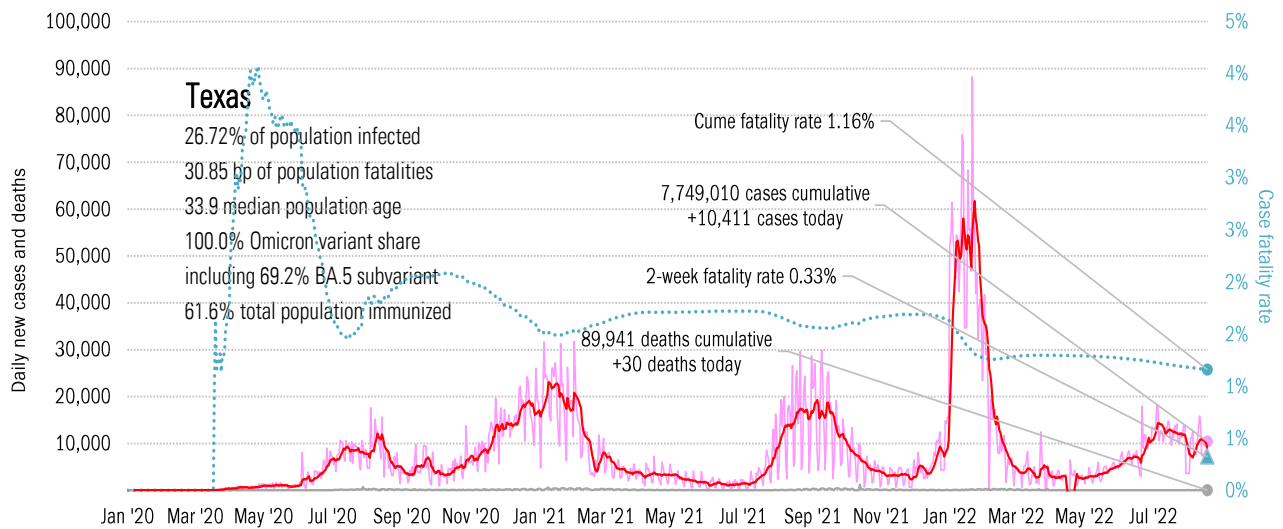
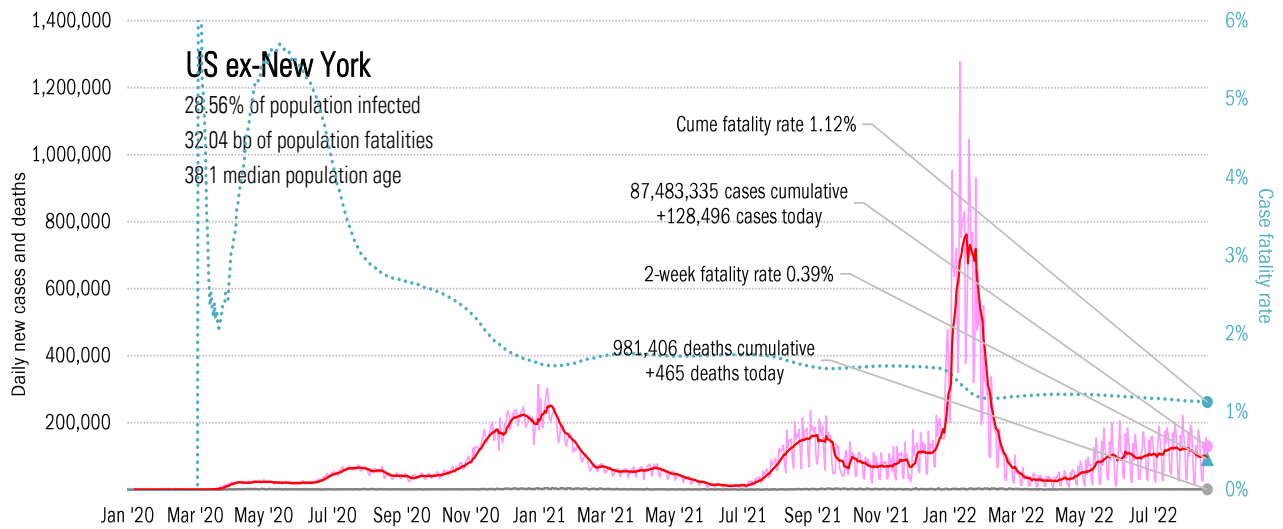
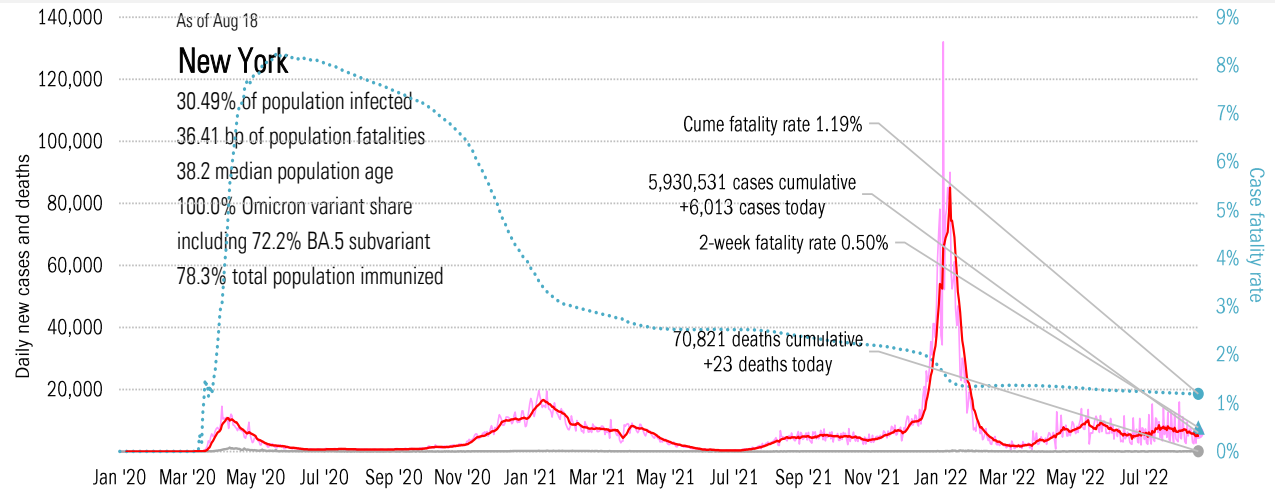
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

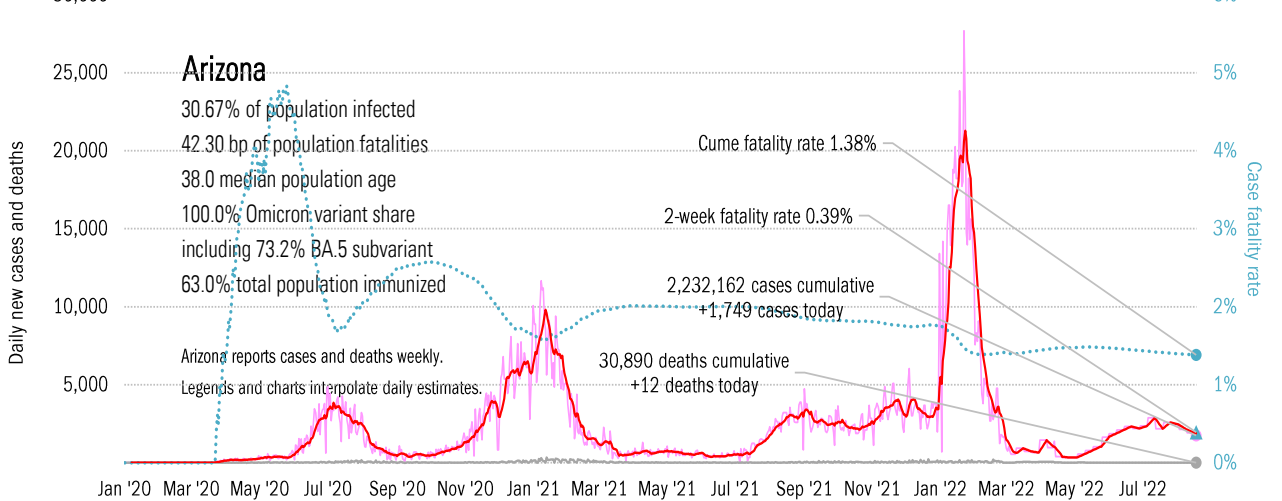
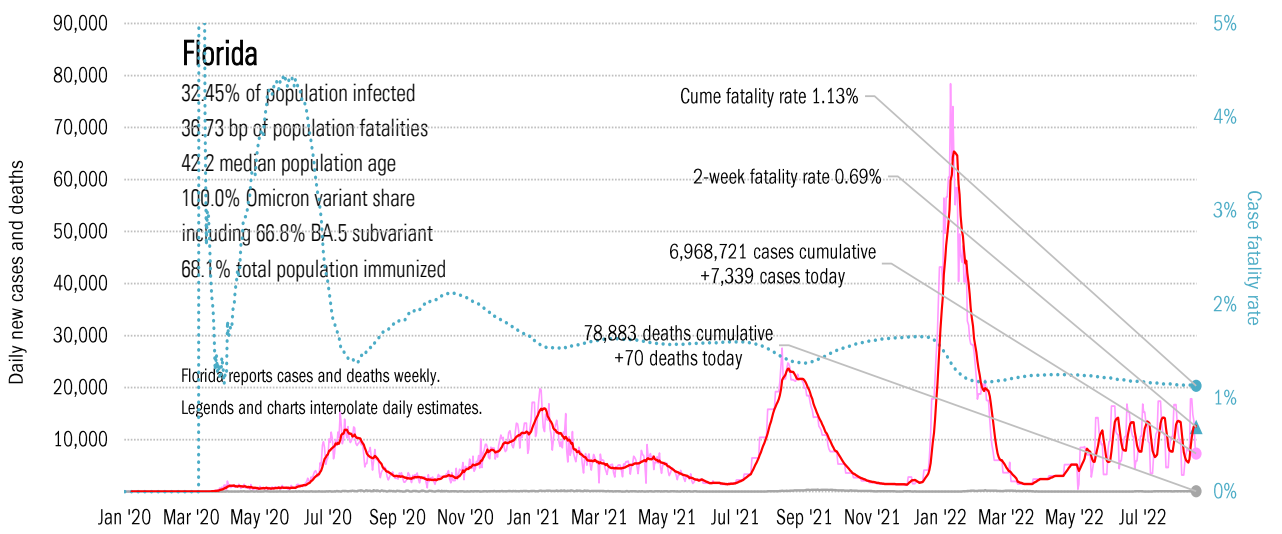
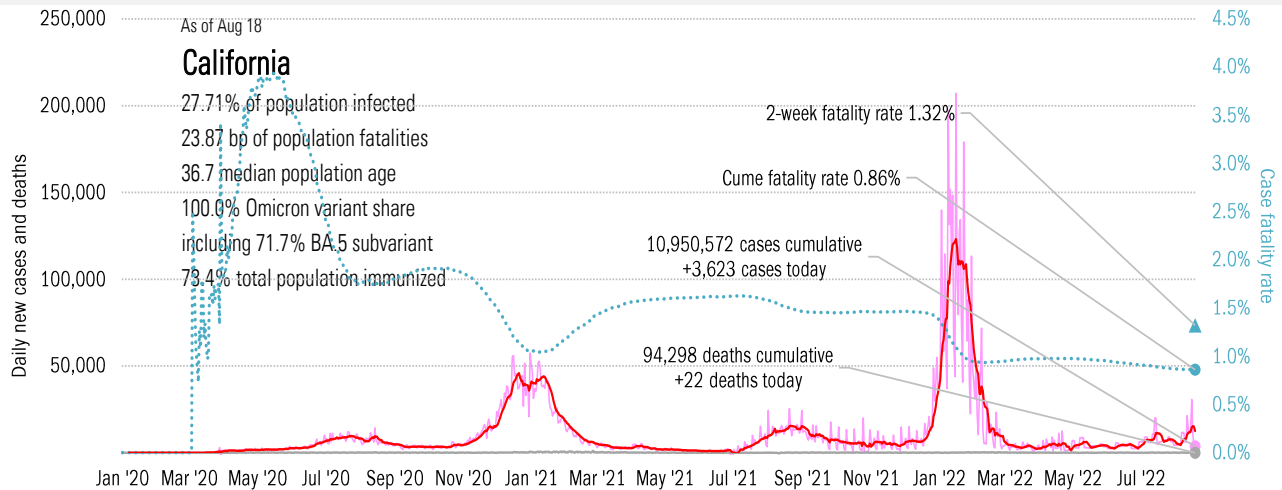
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

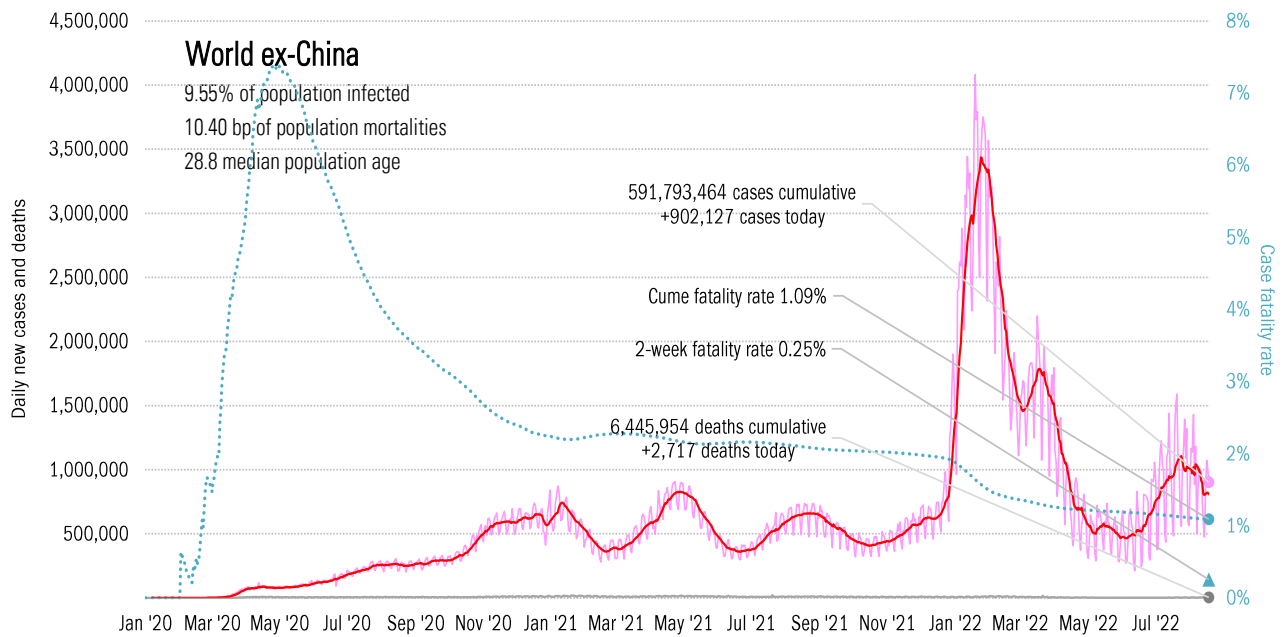
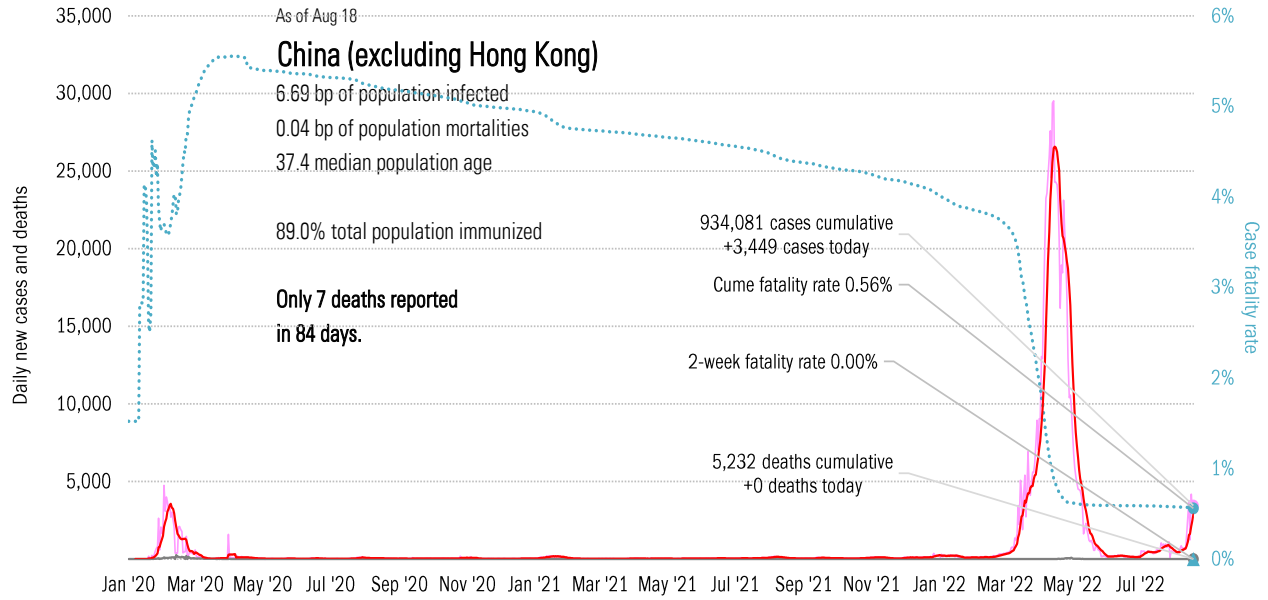
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

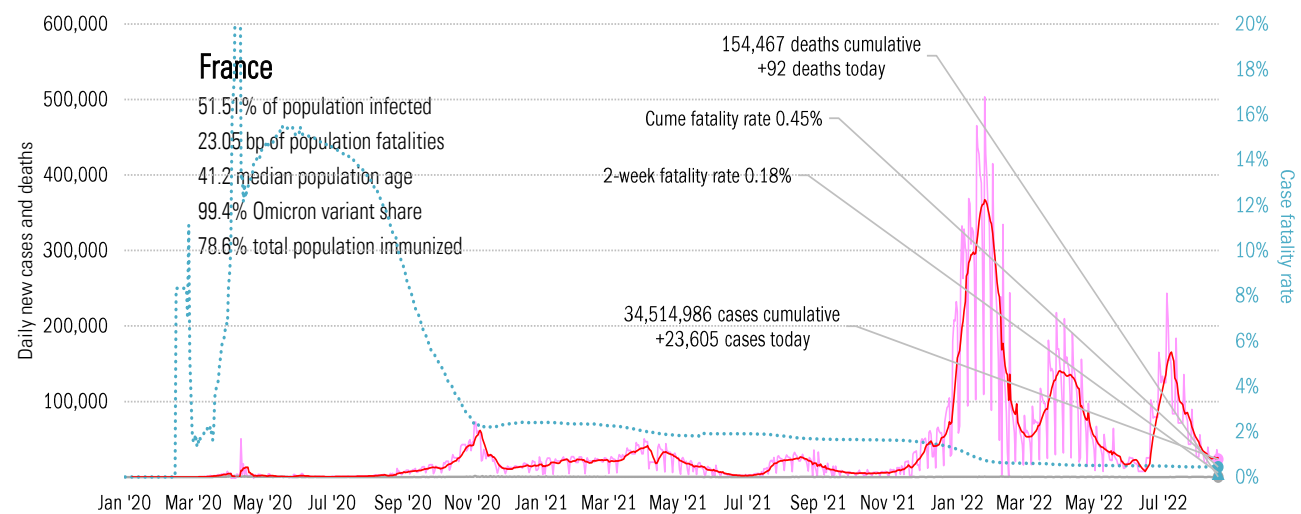
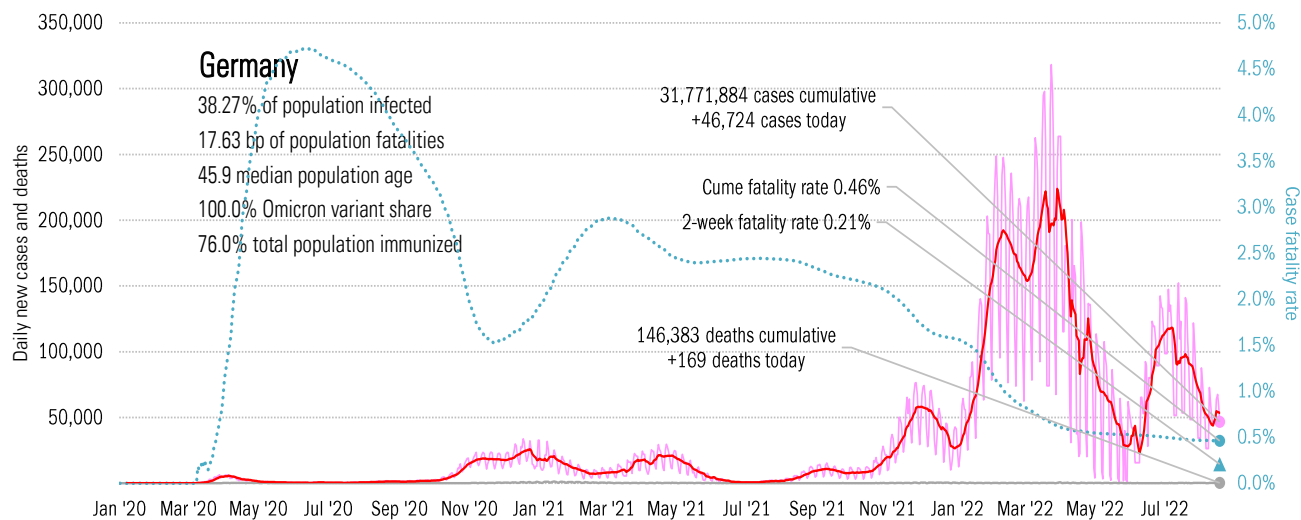
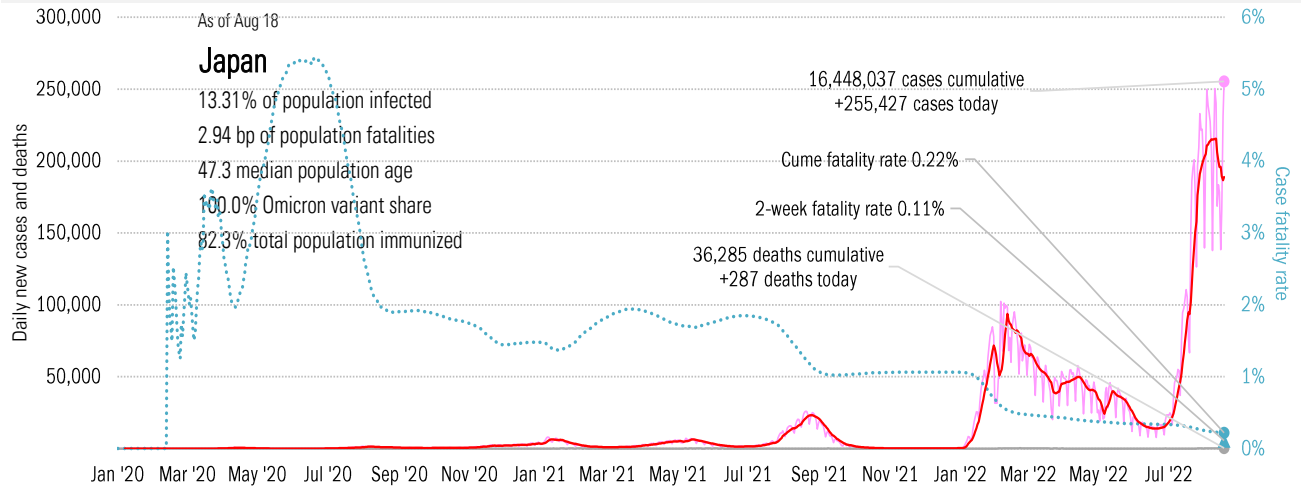
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

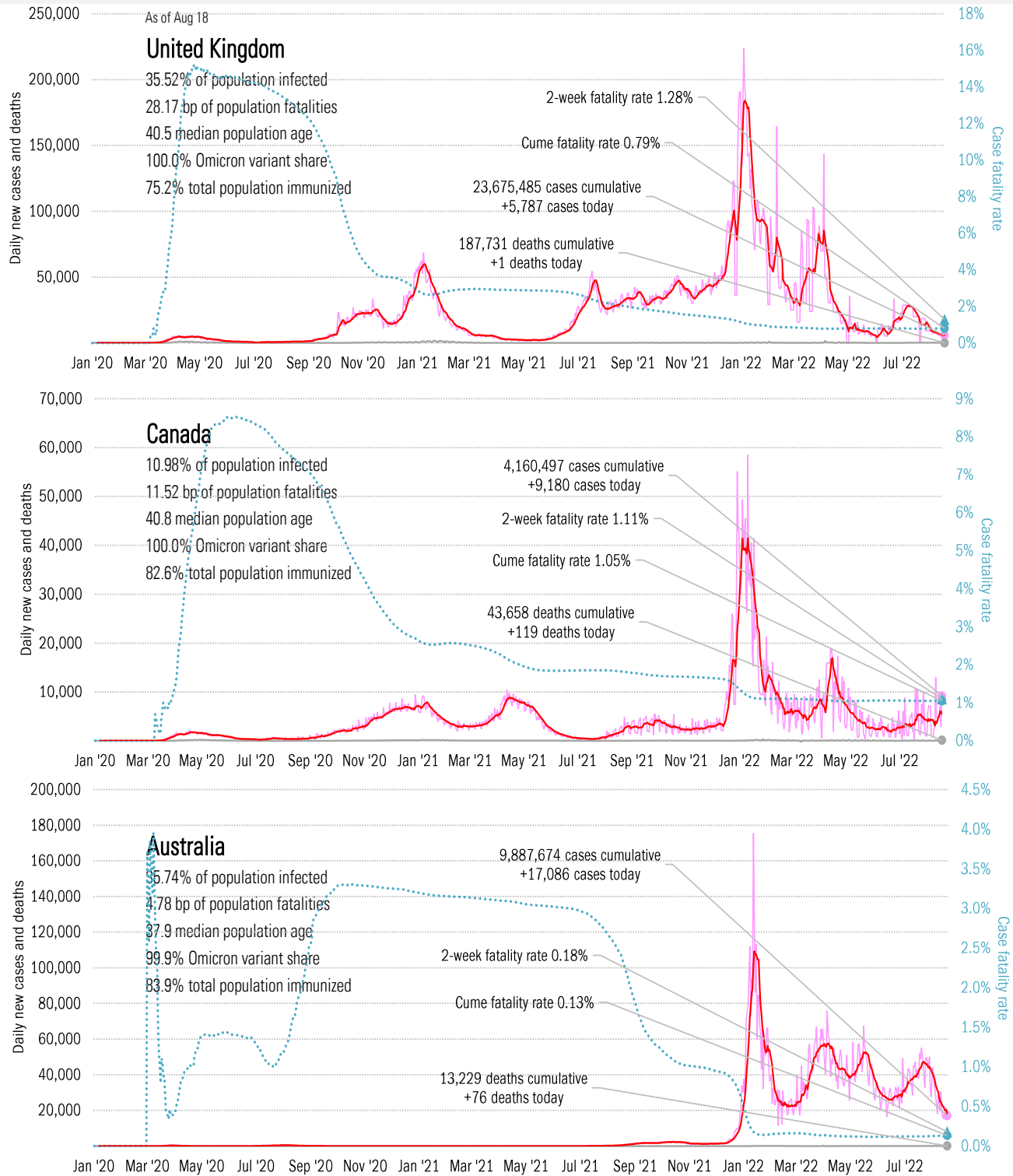
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

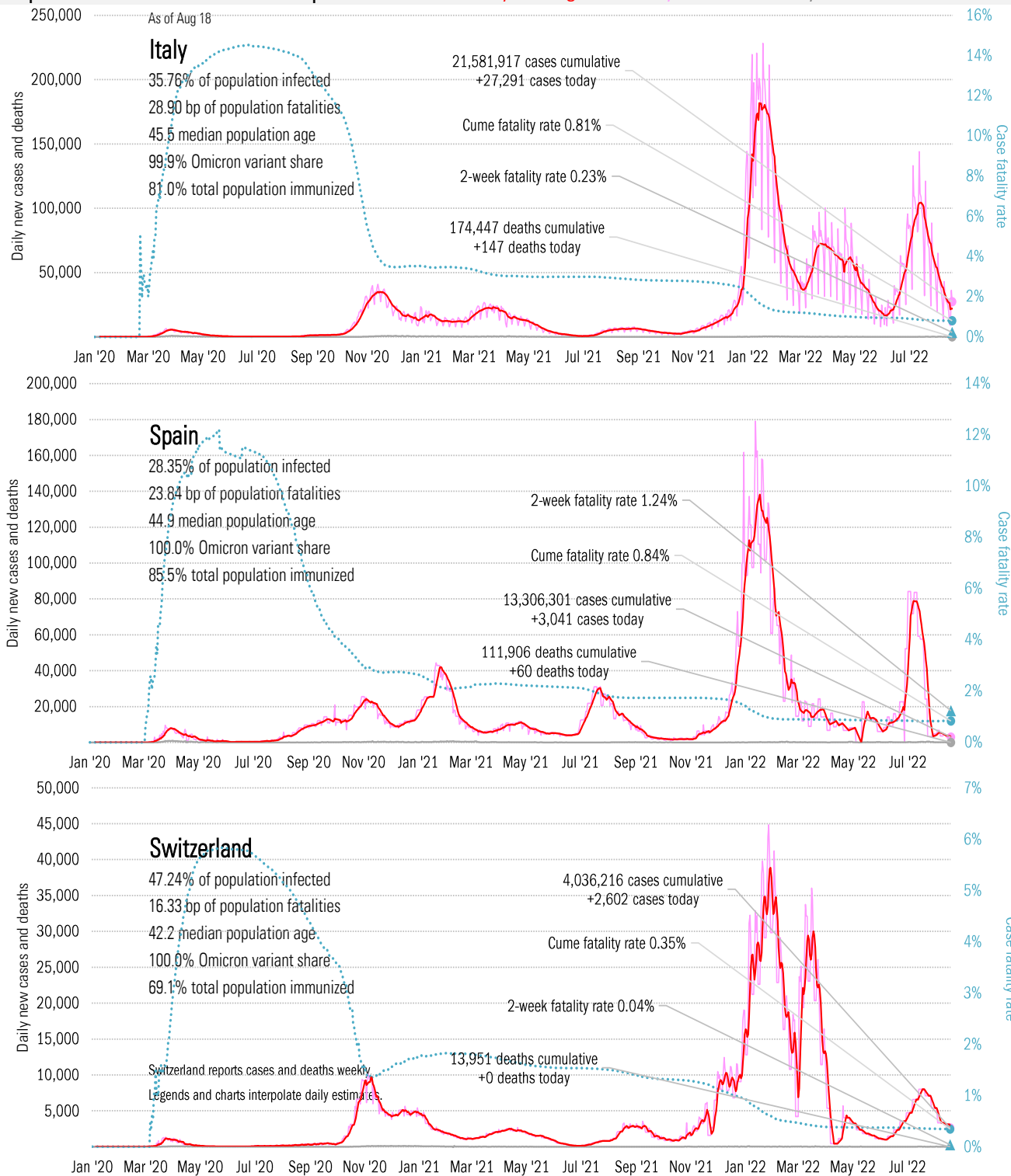
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

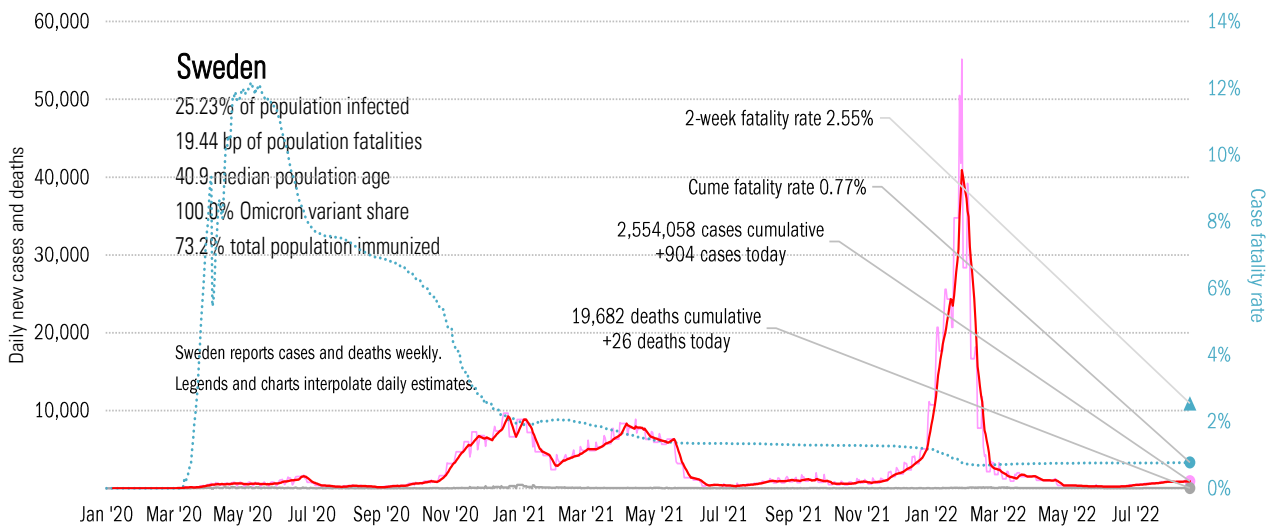
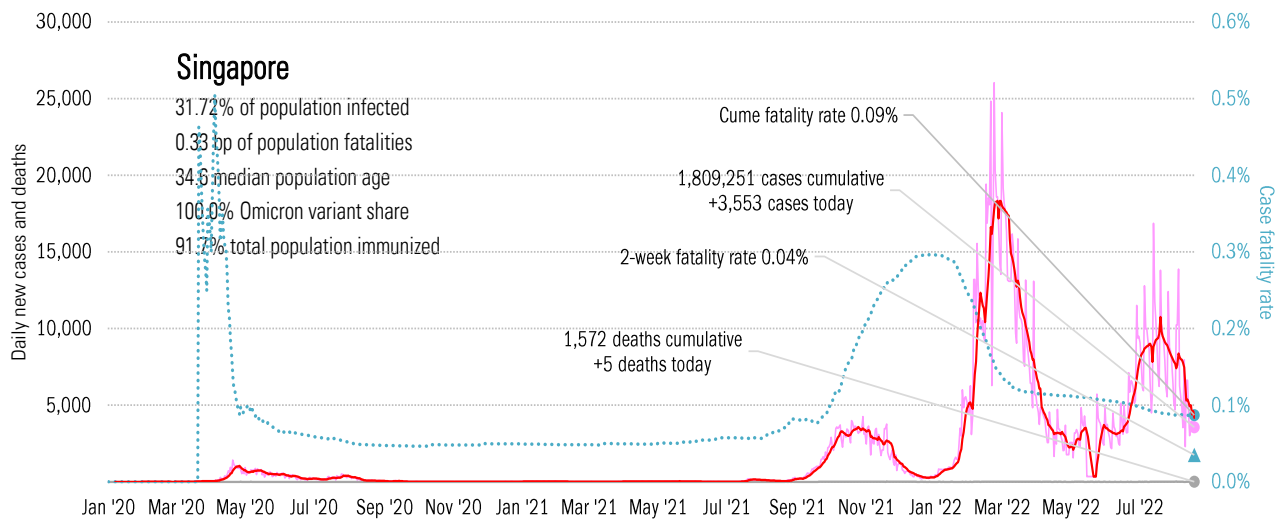
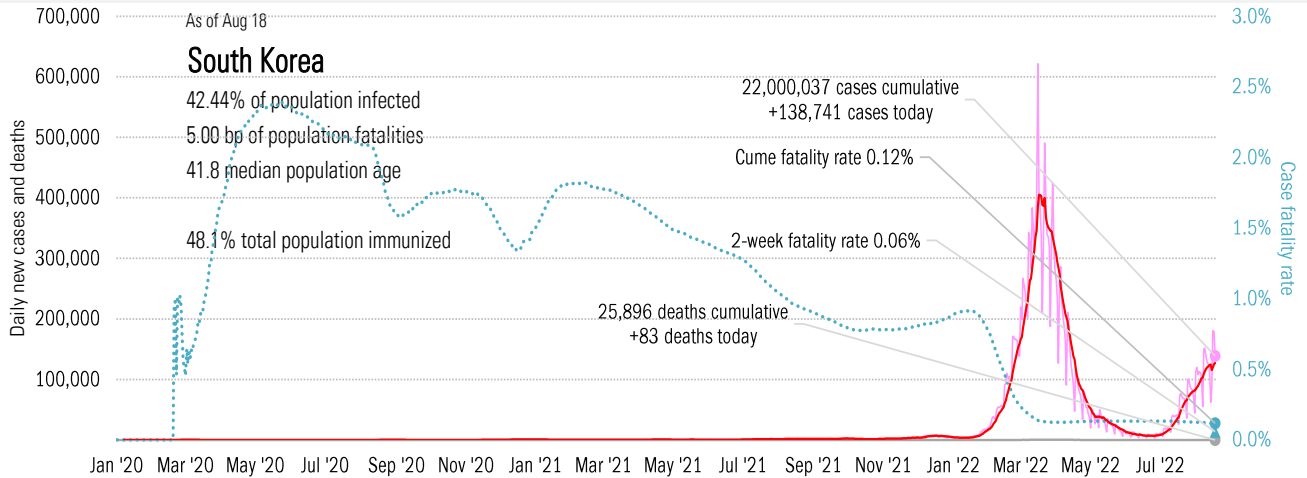
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

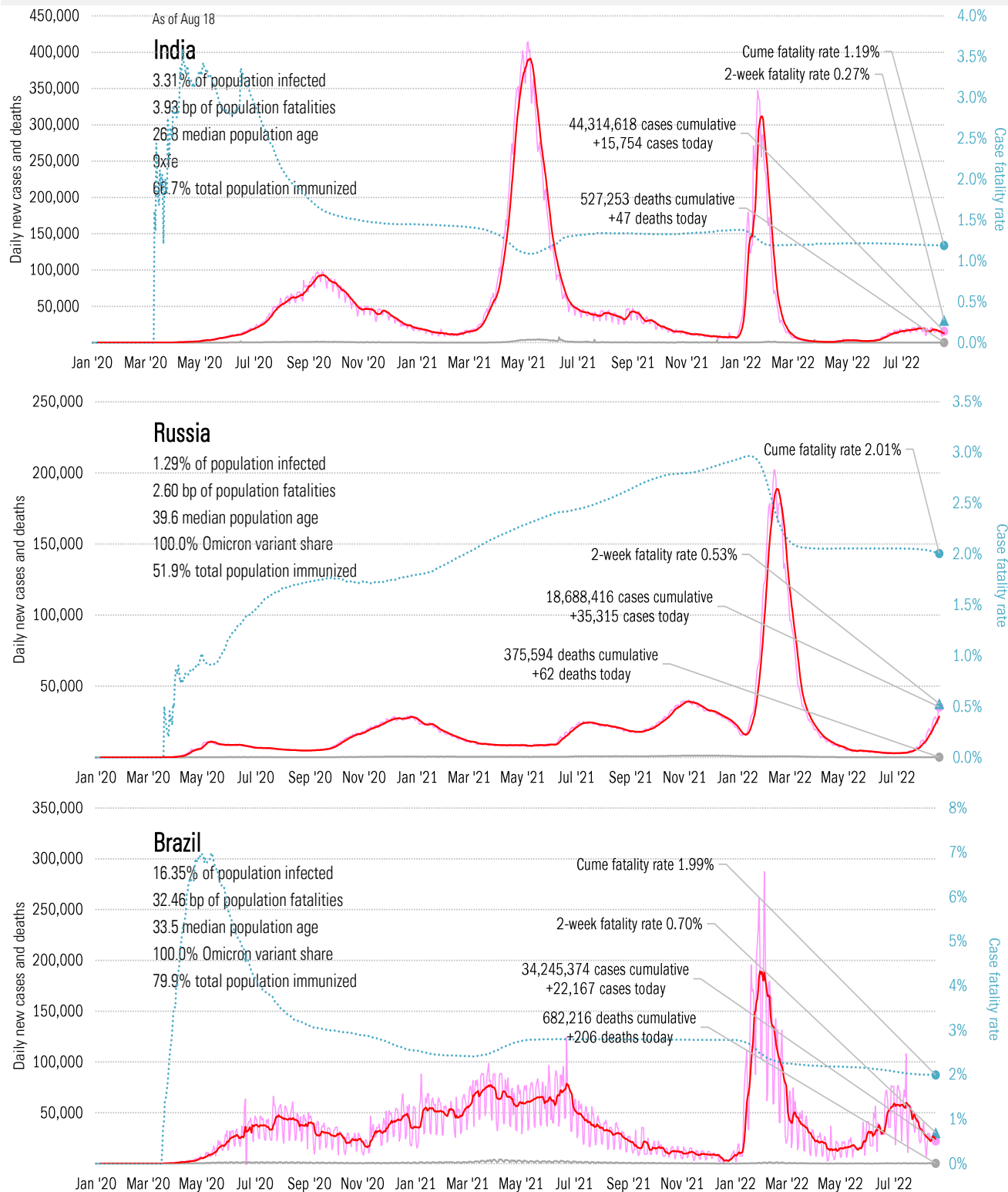
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

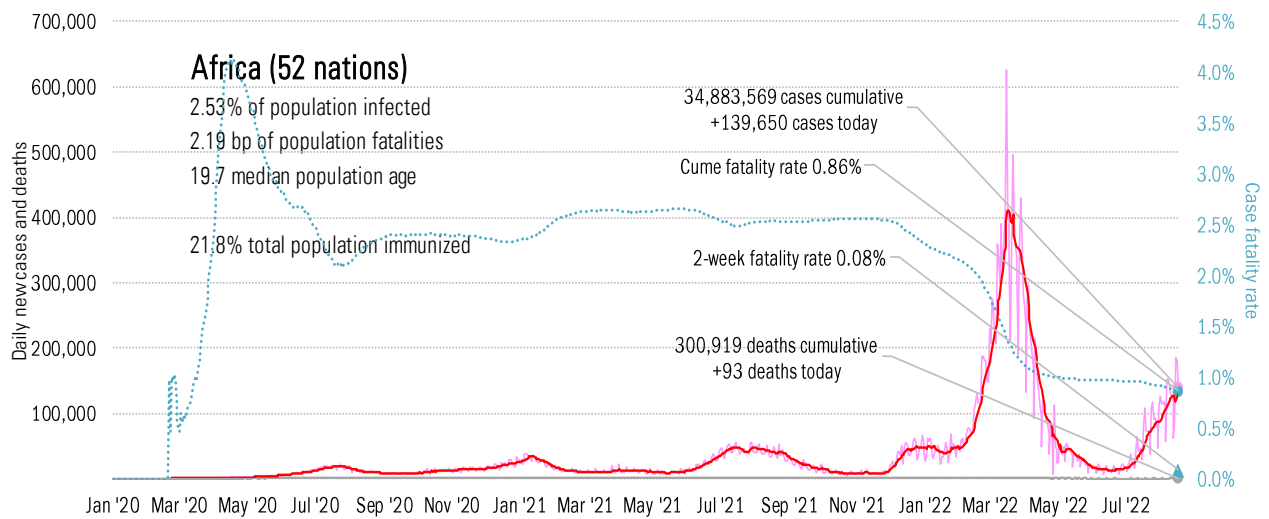
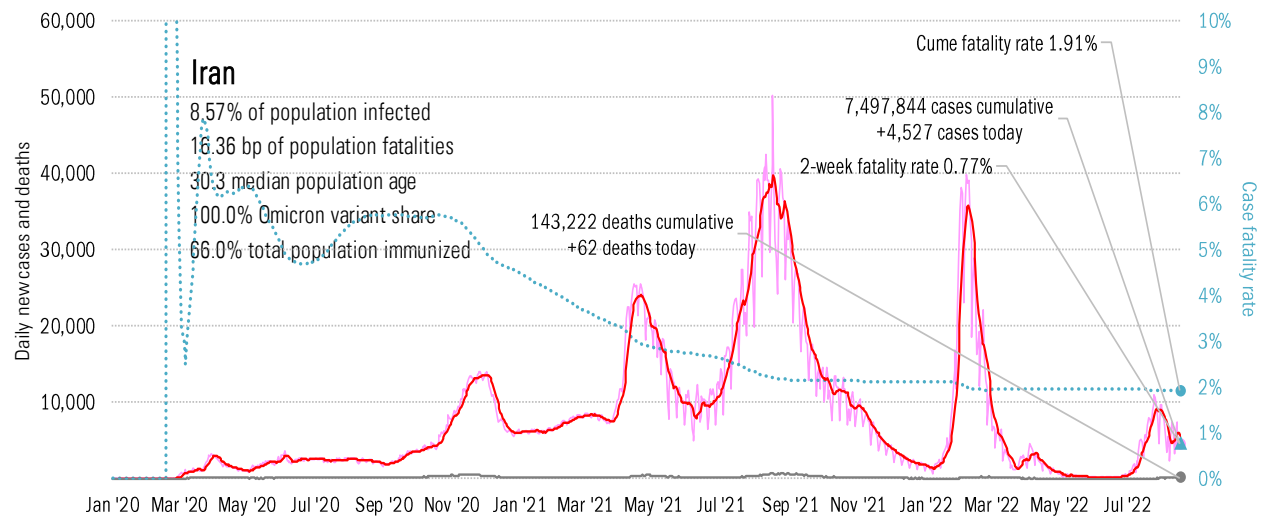
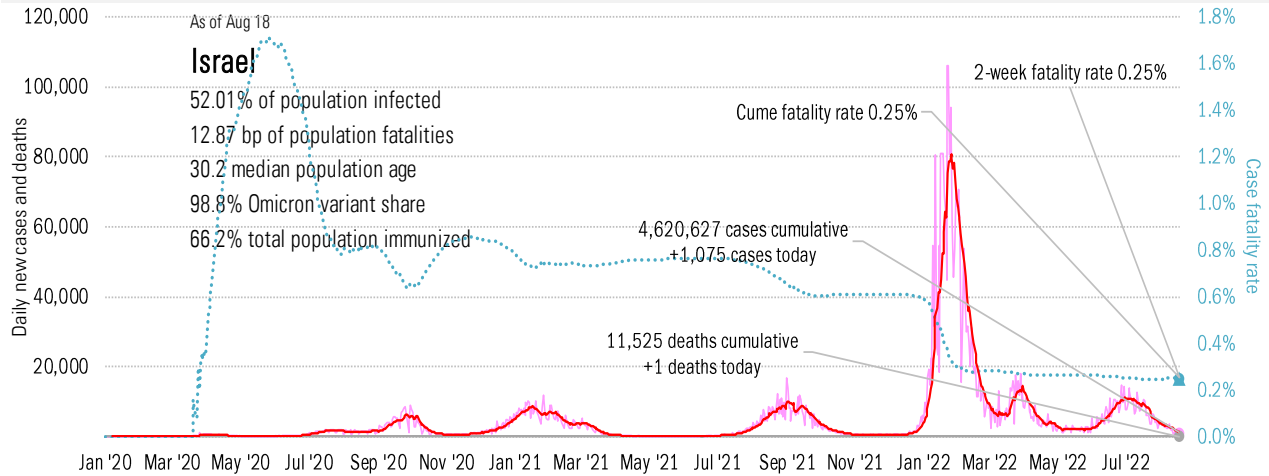
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

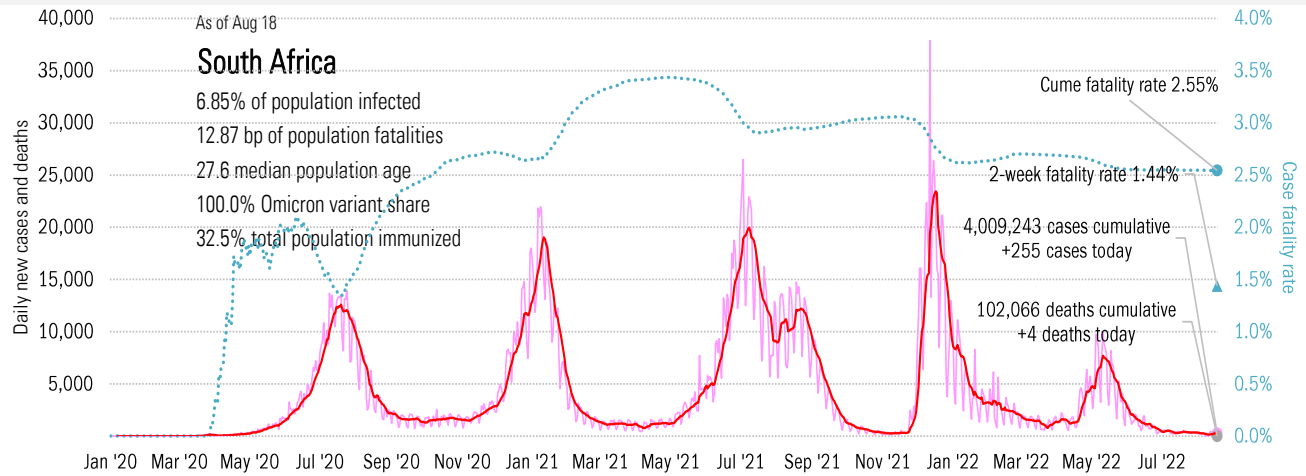
Cases: **7-day average** and **daily** Deaths: **Daily**



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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