

Data Insights: Covid-2019 Monitor

Thursday, September 1, 2022

The global scorecard

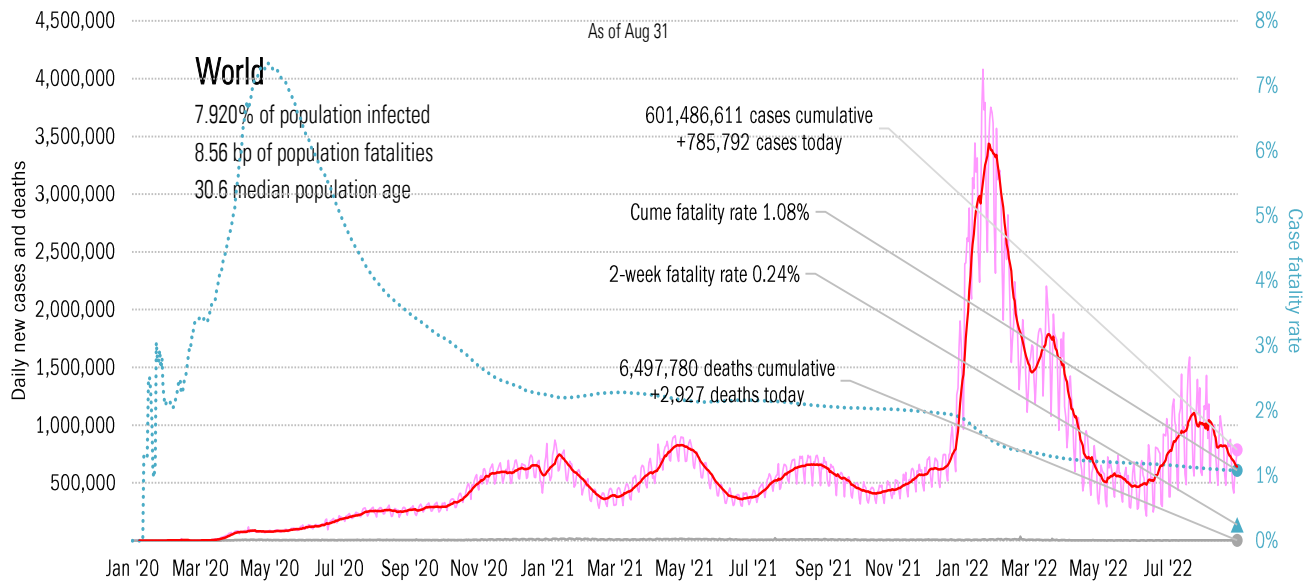
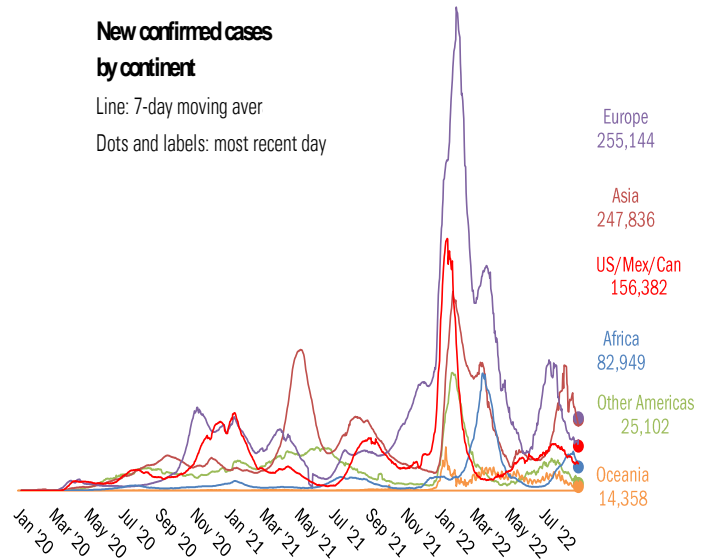
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	169,491	United States	722
United States	117,358	United Kingdom	589
Germany	88,699	Japan	338
Korea, South	81,499	Germany	271
Russia	45,784	Brazil	114
Taiwan*	34,580	India	112
United Kingdom	29,171	Korea, South	112
Italy	21,814	Hungary	100
India	20,616	Italy	90
France	19,564	Russia	89
628,576		2,537	
World	785,792	World	2,927
Top ten	80%	Top ten	87%

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

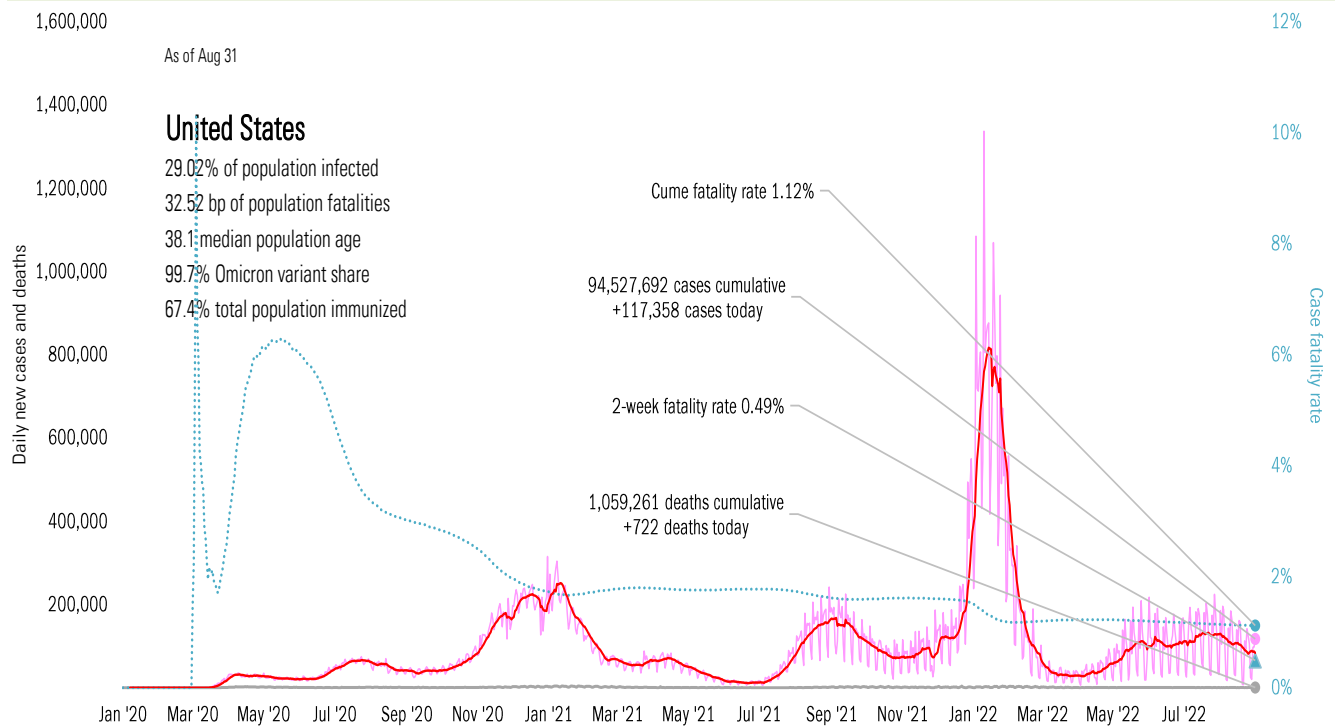
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
PA	18,264		NC	70		TX	439		CA	11,090,871		CA	94,885		TX	536,401		RI	88%	GA	94%
MA	8,796		FL	70		MO	115		TX	7,848,986		TX	90,299		CA	488,324		GA	88%	TX	88%
FL	8,227		KS	61		GA	253		FL	7,041,391		FL	79,835		FL	483,259		WA	85%	NM	88%
TX	7,874		IN	36		WA	79		NY	5,988,384		NY	71,124		NY	291,219		MN	84%	AK	84%
KS	5,650		TN	32		NM	31		IL	3,687,549		PA	46,716		GA	222,351		MA	83%	AL	83%
IL	4,674		TX	31		ID	25		PA	3,185,902		GA	39,772		CH	212,714		MO	83%	MA	81%
IN	4,394		NY	29		VI	107		NC	3,120,822		CH	39,406		PA	198,704		ND	83%	NC	81%
NY	3,920		WA	29		AR	64		CH	3,049,546		IL	39,328		IL	181,709		NH	82%	RI	80%
CH	3,348		ID	25		CK	68		GA	2,870,629		MI	38,038		MI	158,177		DE	82%	DC	80%
CK	3,325		MO	23		CT	64		MI	2,770,359		NJ	34,562		KY	142,333		MD	82%	WA	80%
68,472			406			1,245			50,654,439			573,965			2,915,191						
All states	117,358			722			5,184		All states	94,527,692			1,059,261			5,288,640		All states	70%		67%
Top ten	58%			56%			24%		Top ten	54%			55%			55%		Median	77%		73%

Some states not reporting

Five most improved US states

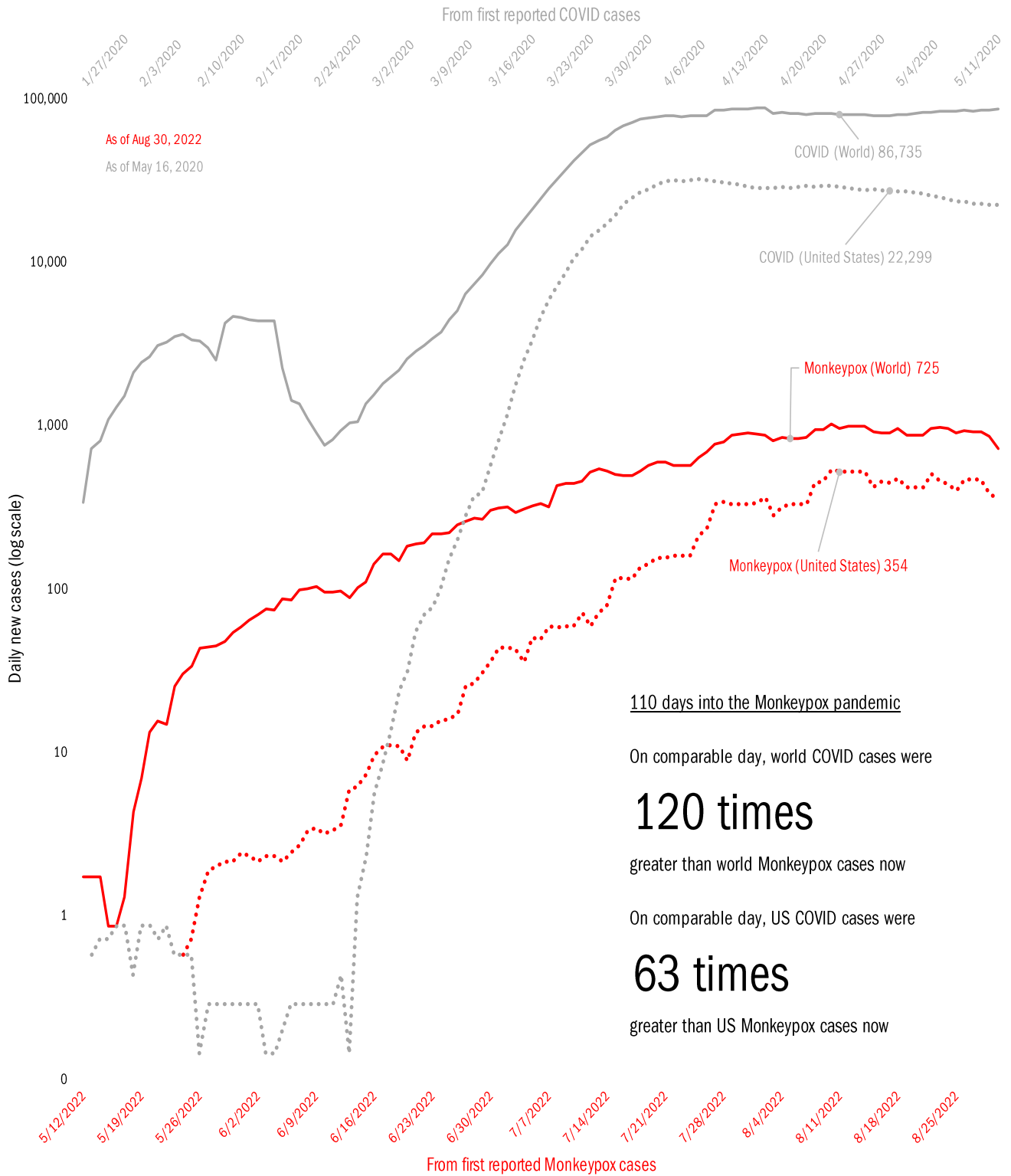
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
TX	-3,387	CT	-52	FL	-90
CA	-2,752	TX	-13	NY	-83
MD	-1,587	NY	-10	NC	-37
FL	-944	FL	-9	SD	-28
NE	-909	LA	-7	IN	-26



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

The Monkeypox contextualizer

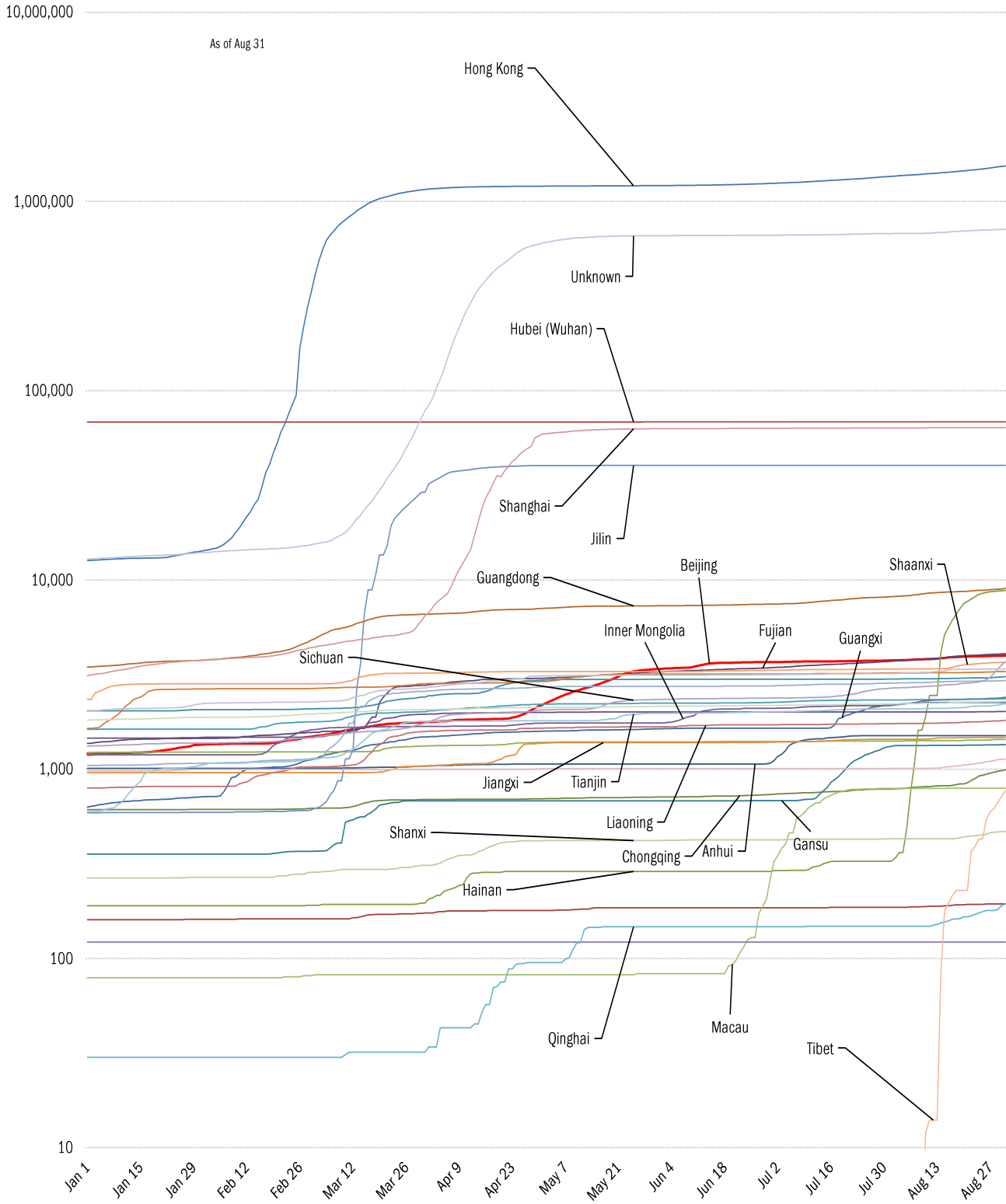
The course of case growth versus COVID



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

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

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

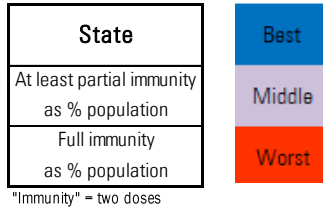
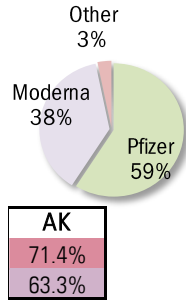


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

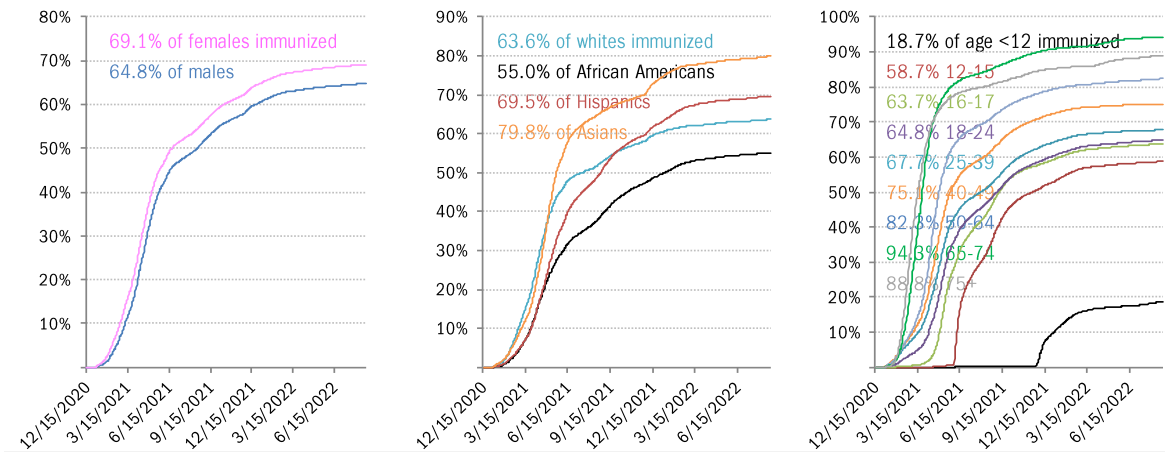
Administered	Cumulative		Today	Immunity	Full	Partial
Doses	624,295,607		+0.198 million	US	67.4%	79.1%
of which boosters	110,660,827		+0.048 million	UK	75.3%	79.9%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	270,806,258	81%	230,434,360	69%	+0.034 million	France 78.7% 80.9%
Age 12 to 17	18,123,872	72%	15,482,720	61%	+0.003 million	Spain 85.6% 86.9%
Age 18 to 64	180,801,270	89%	153,587,488	76%	+0.015 million	Germany 76.1% 77.6%
Age 65 and over	59,698,554	100%	52,224,169	95%	+0.004 million	Italy 81.0% 85.8%
						Australia 83.9% 86.5%
						Israel 66.2% 72.3%
						Canada 82.7% 86.3%
						Japan 82.4% 83.5%
						Africa 21.7% 27.6%
						India 66.8% 72.8%
						Brazil 80.0% 87.0%
						China 89.0% 91.3%



As of Aug 25

State	Best	Middle	Worst
AK	71.4%	63.3%	
WI	73.2%	66.6%	
ME	93.1%	81.2%	
NY	91.9%	78.4%	
VT	95.0%	82.7%	
NH	90.5%	72.3%	
OR	79.3%	70.7%	
NV	76.9%	61.9%	
WY	59.2%	51.8%	
SD	79.1%	63.6%	
IA	69.1%	62.9%	
IN	63.1%	56.8%	
OH	64.4%	59.3%	
PA	87.4%	70.5%	
NJ	92.3%	77.1%	
MA	95.0%	80.7%	
CA	84.0%	73.4%	
UT	73.6%	65.3%	
CO	81.3%	71.5%	
NE	71.6%	64.7%	
MO	67.6%	57.3%	
KY	67.4%	58.4%	
WV	66.2%	58.6%	
VA	87.7%	74.5%	
MD	88.8%	77.2%	
CT	95.0%	80.7%	
RI	95.0%	84.8%	
AZ	75.4%	63.1%	
NM	90.3%	72.7%	
KS	74.1%	63.3%	
AR	68.1%	55.5%	
TN	63.3%	55.4%	
NC	87.2%	63.4%	
SC	69.3%	58.3%	
DC	95.0%	78.6%	
DE	85.2%	70.8%	
OK	72.6%	58.6%	
LA	62.0%	54.3%	
MS	60.8%	52.9%	
AL	63.9%	52.1%	
GA	66.9%	56.0%	
HI	89.4%	79.7%	
TX	74.4%	61.6%	
FL	80.8%	68.1%	
PR	95.0%	84.3%	

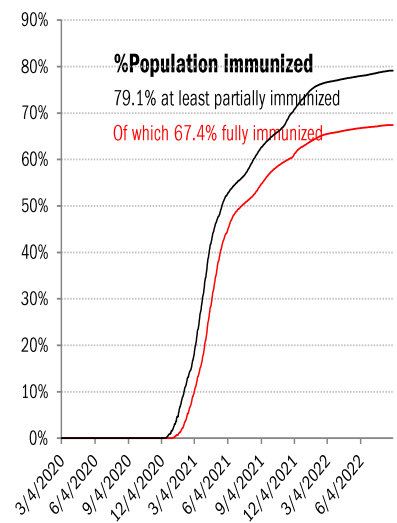
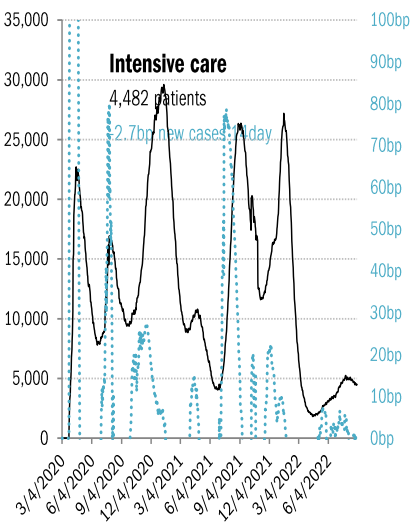
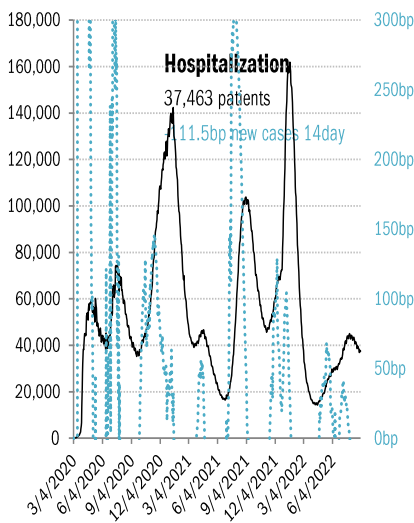
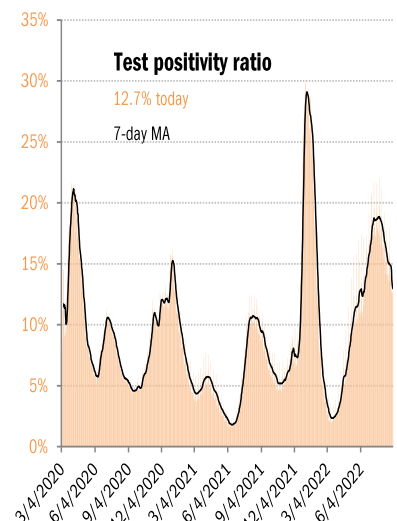
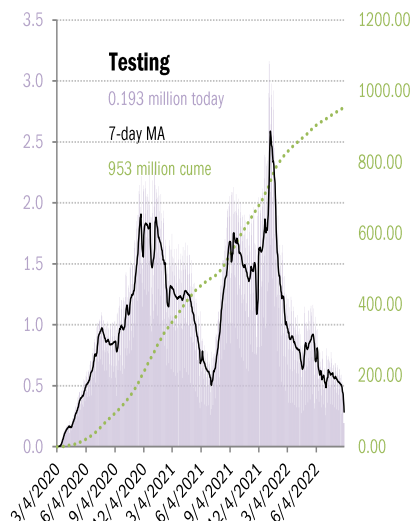
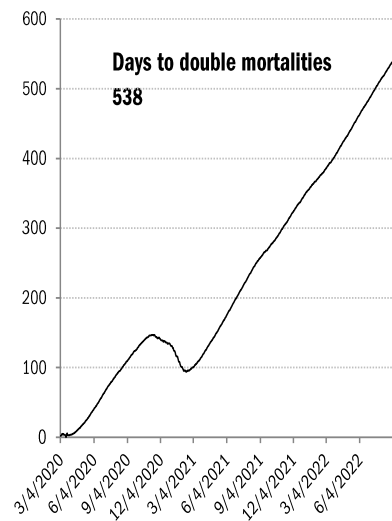
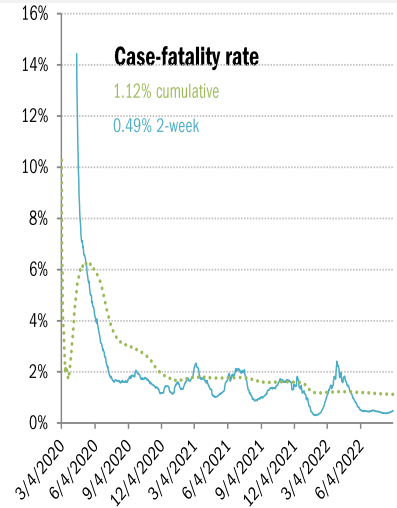
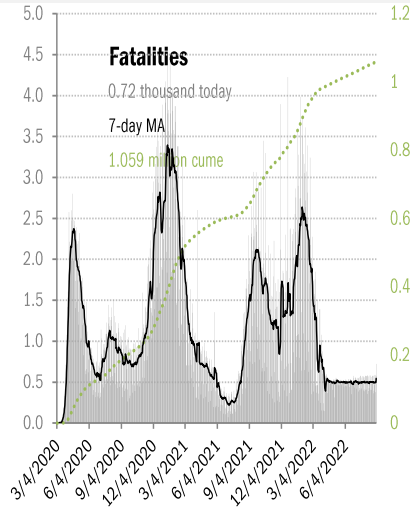
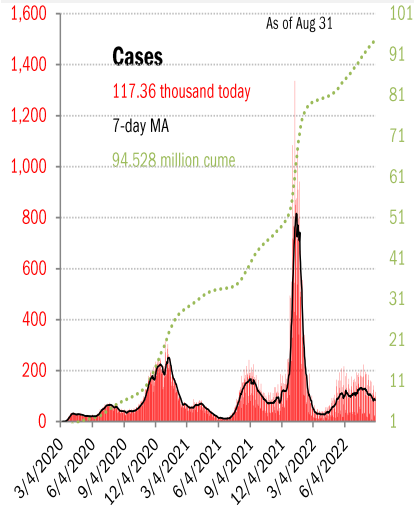
The demographics of US vaccination



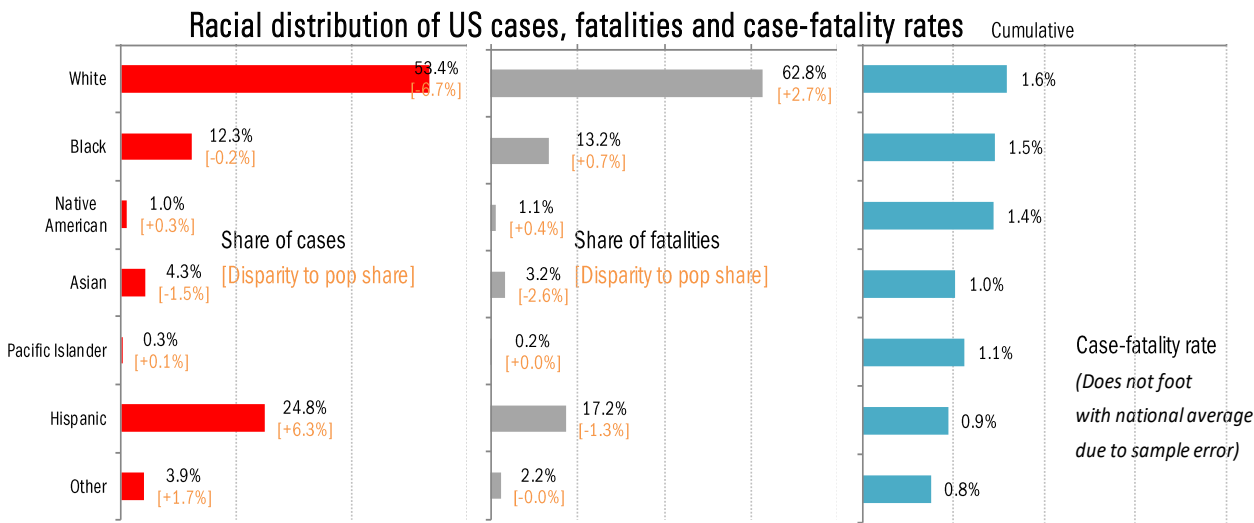
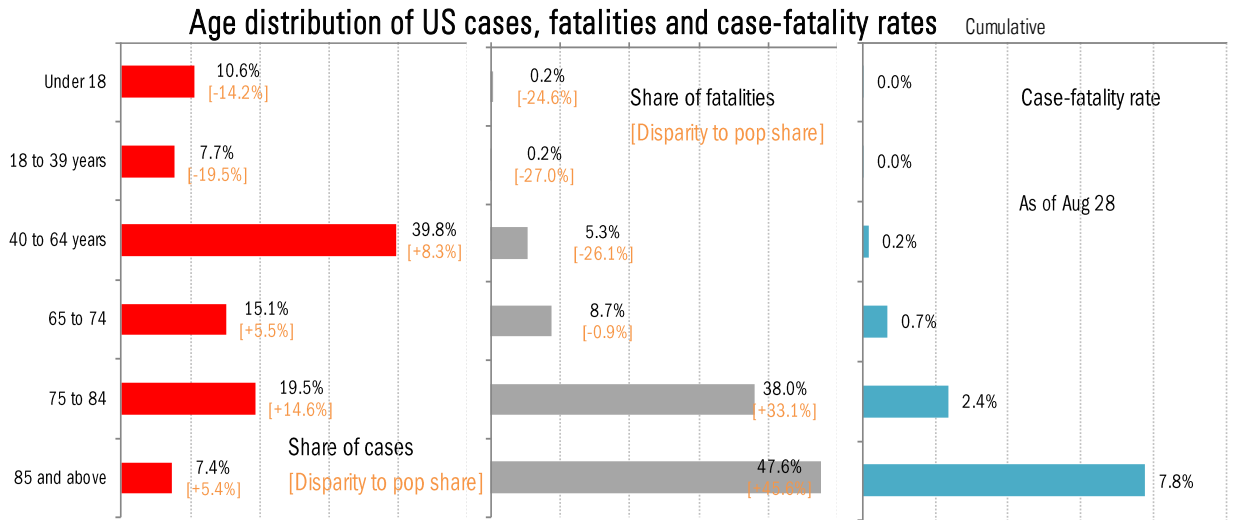
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

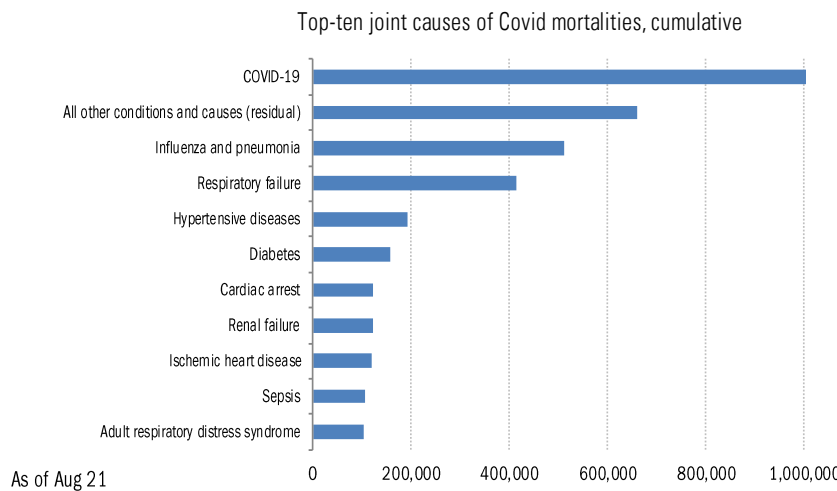
National and state-by-state data do not line up because of different sources



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

[It Was Birx. All Birx.](#)

Debbie Lerman
Brownstone Institute
August 31, 2022

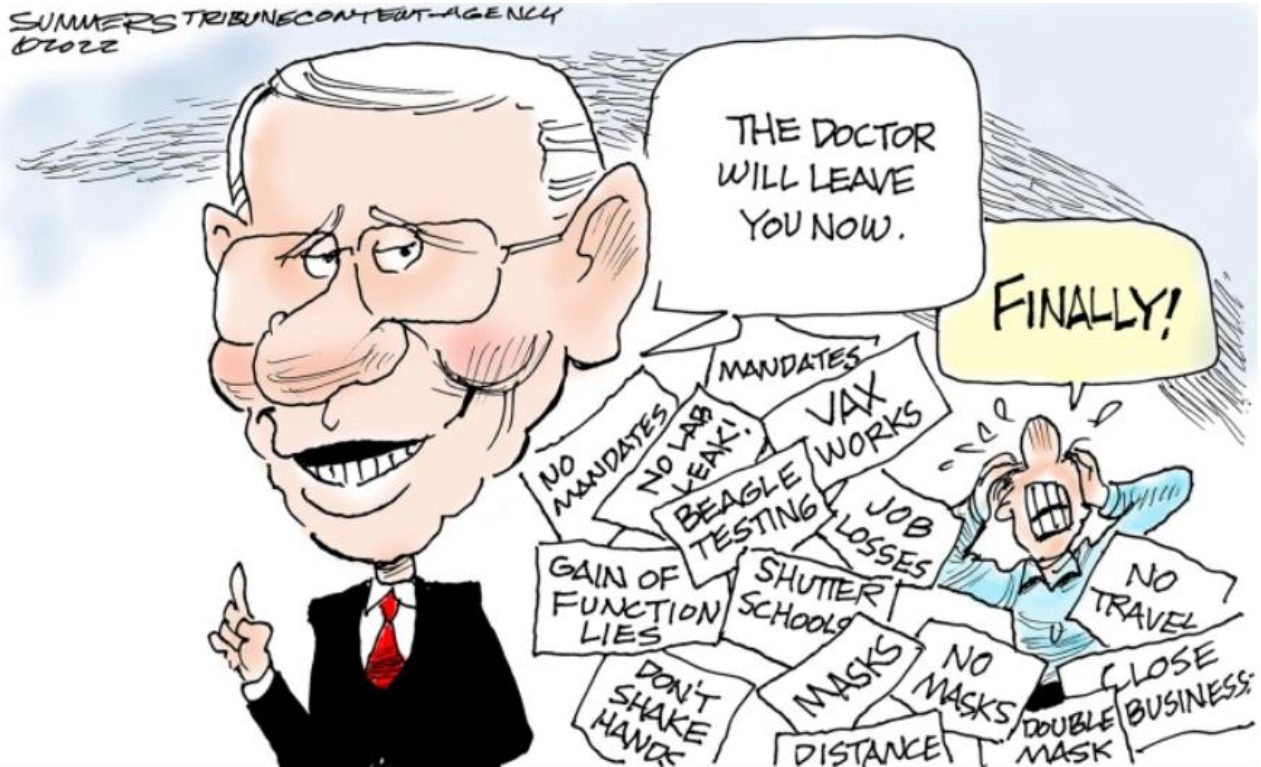
[F.D.A. Authorizes Updated Covid Booster Shots, Targeting Omicron Subvariants](#)

Noah Weiland and Sharon LaFraniere
New York Times
August 31, 2022

[Regular Use of Ivermectin as Prophylaxis for COVID-19 Led Up to a 92% Reduction in COVID-19 Mortality Rate in a Dose-Response Manner: Results of a Prospective Observational Study of a Strictly Controlled Population of 88,012 Subjects](#)

Lucy Kerr
Cureus
August 31, 2022

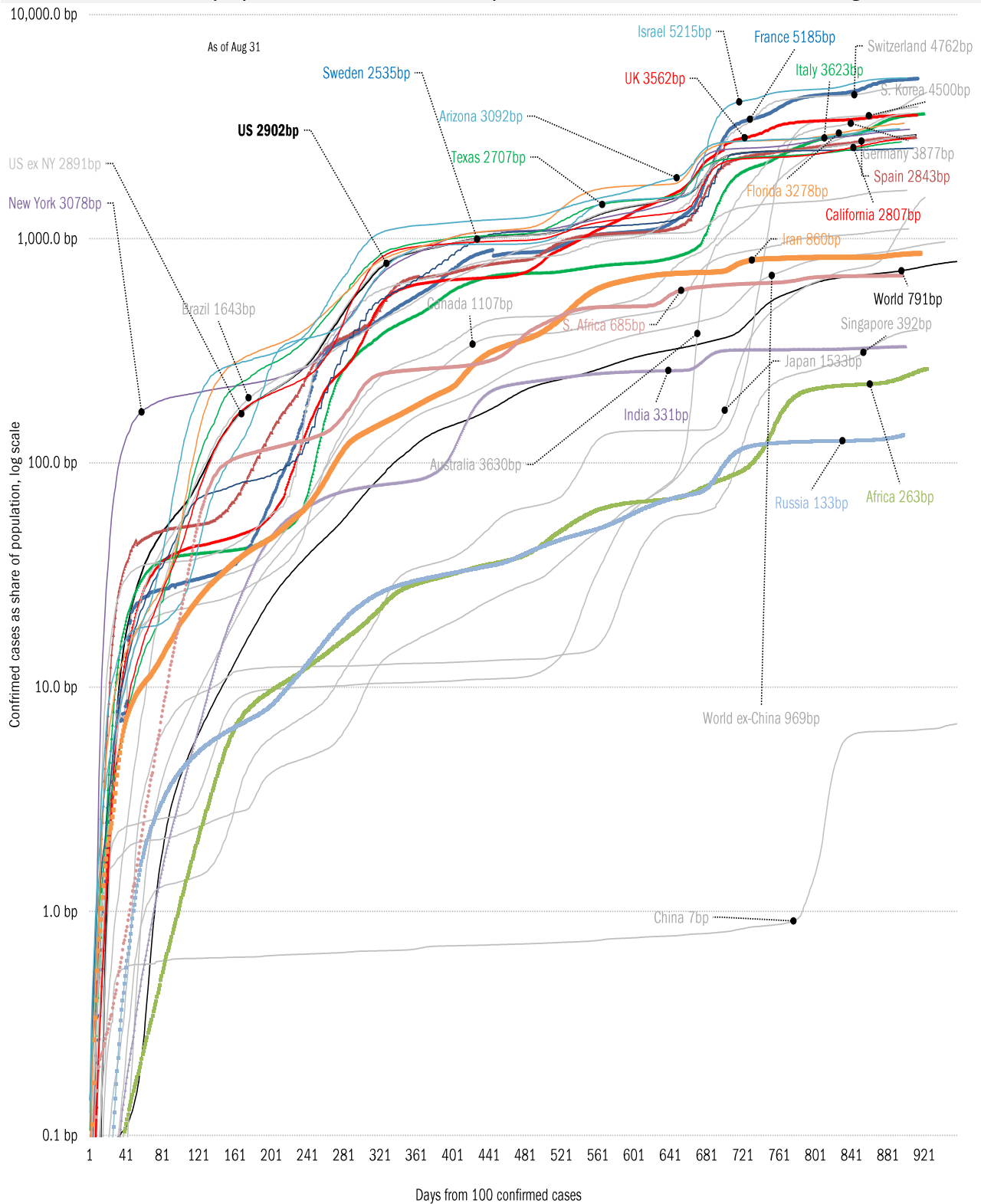
Meme of the day



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

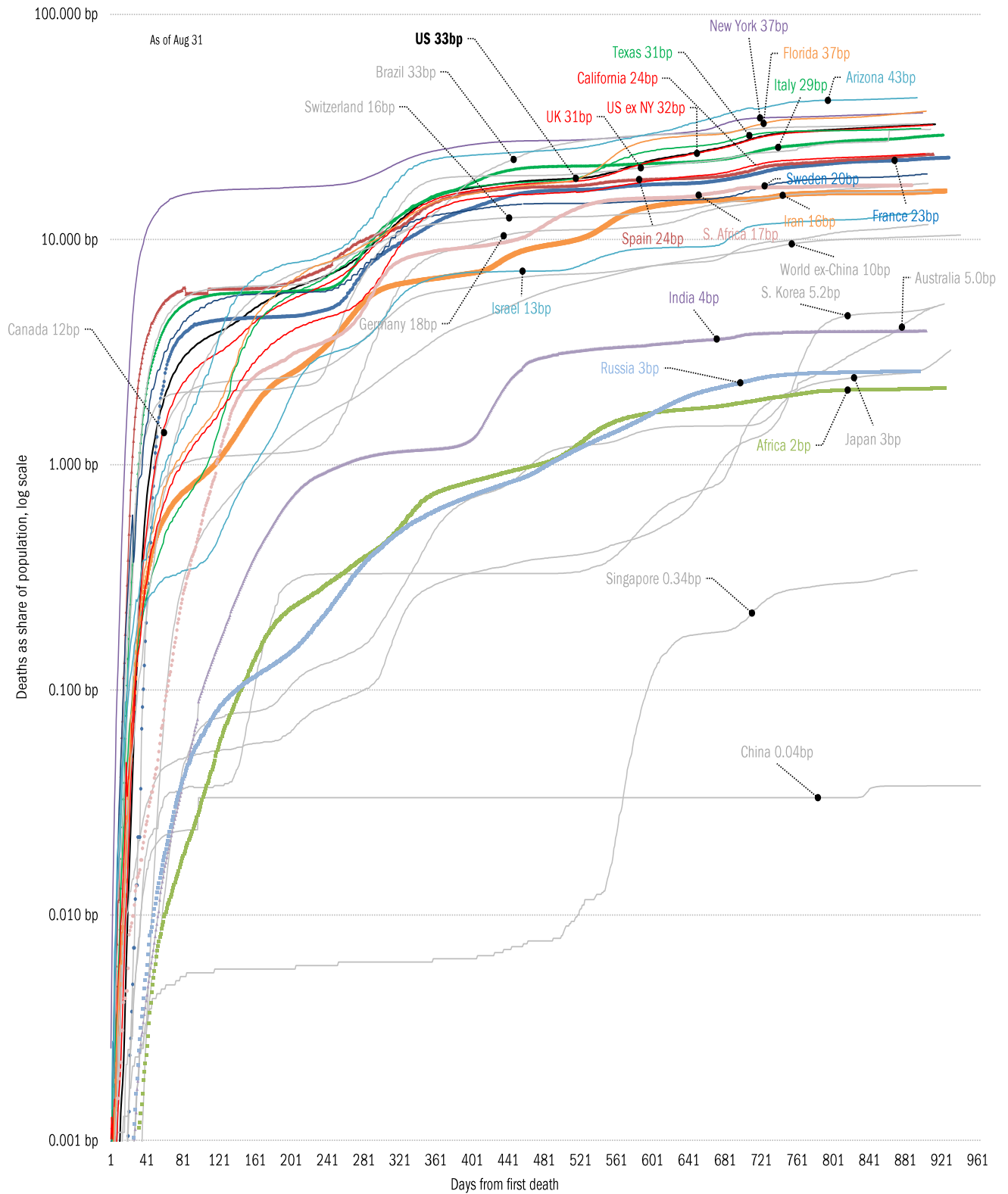
The global coronavirus case accelerometer... tracking the world's infection curves

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

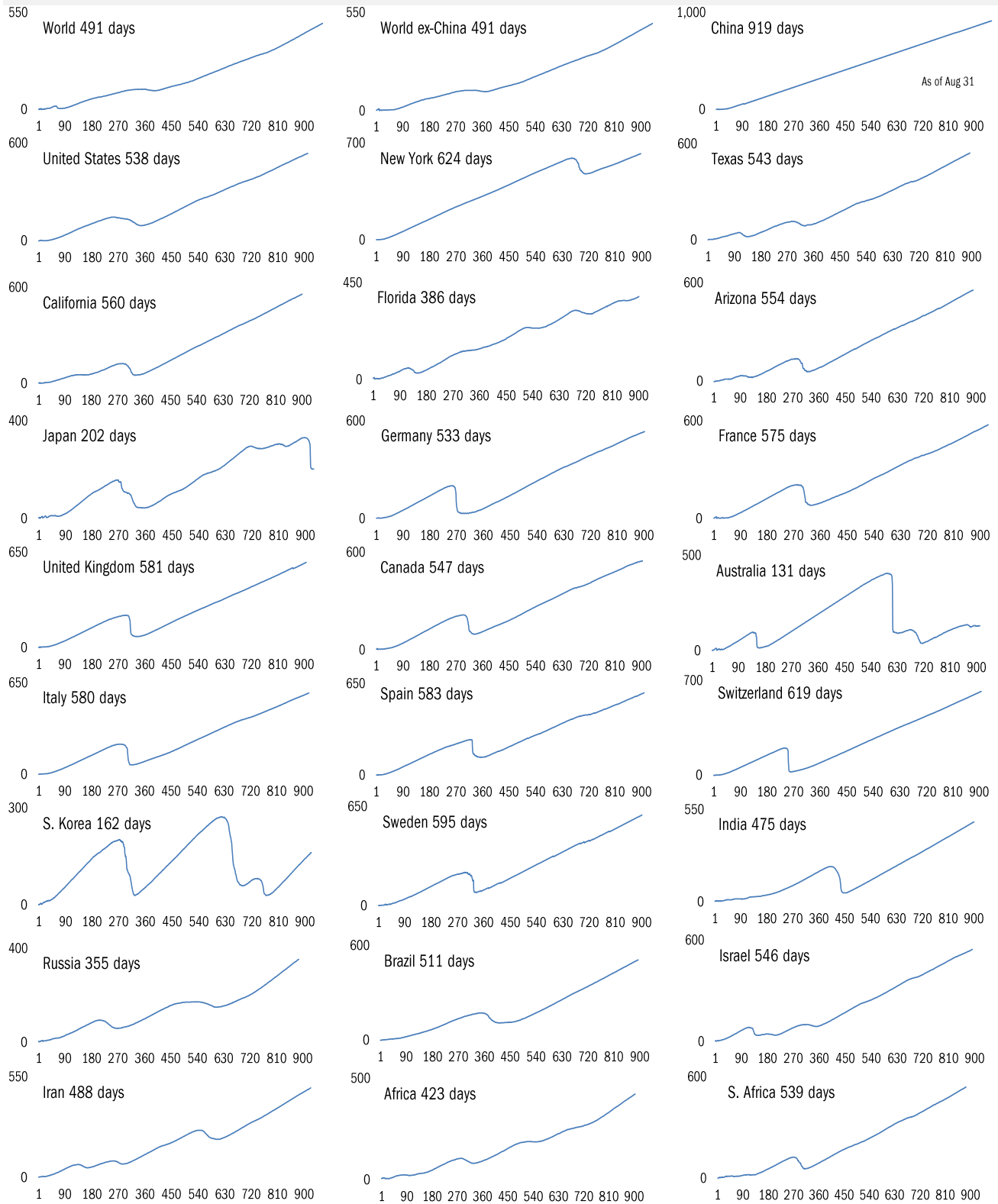


Source: [Johns Hopkins](#), TrendMacro calculations

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

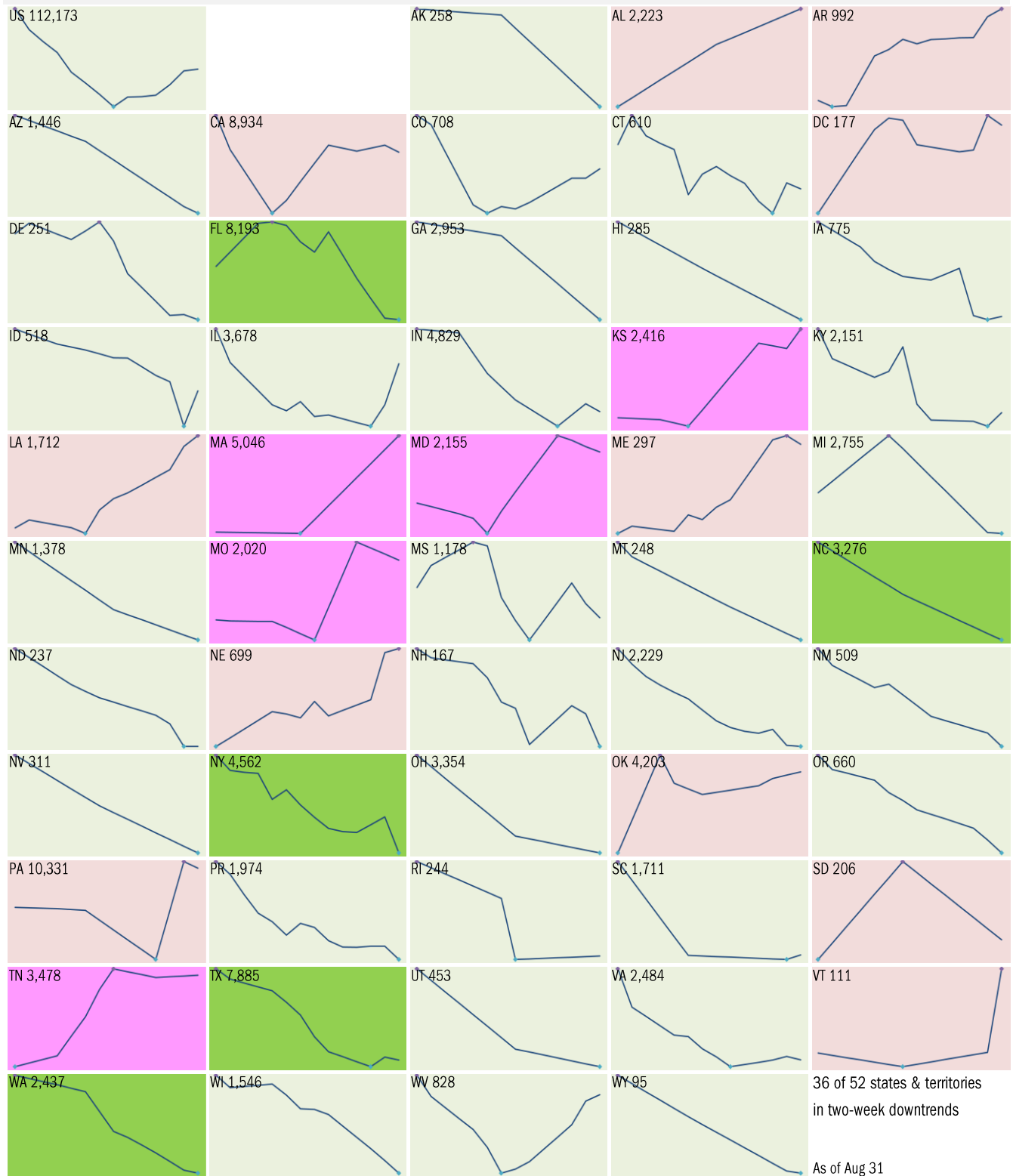


Source: [Johns Hopkins](#), TrendMacro calculations

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

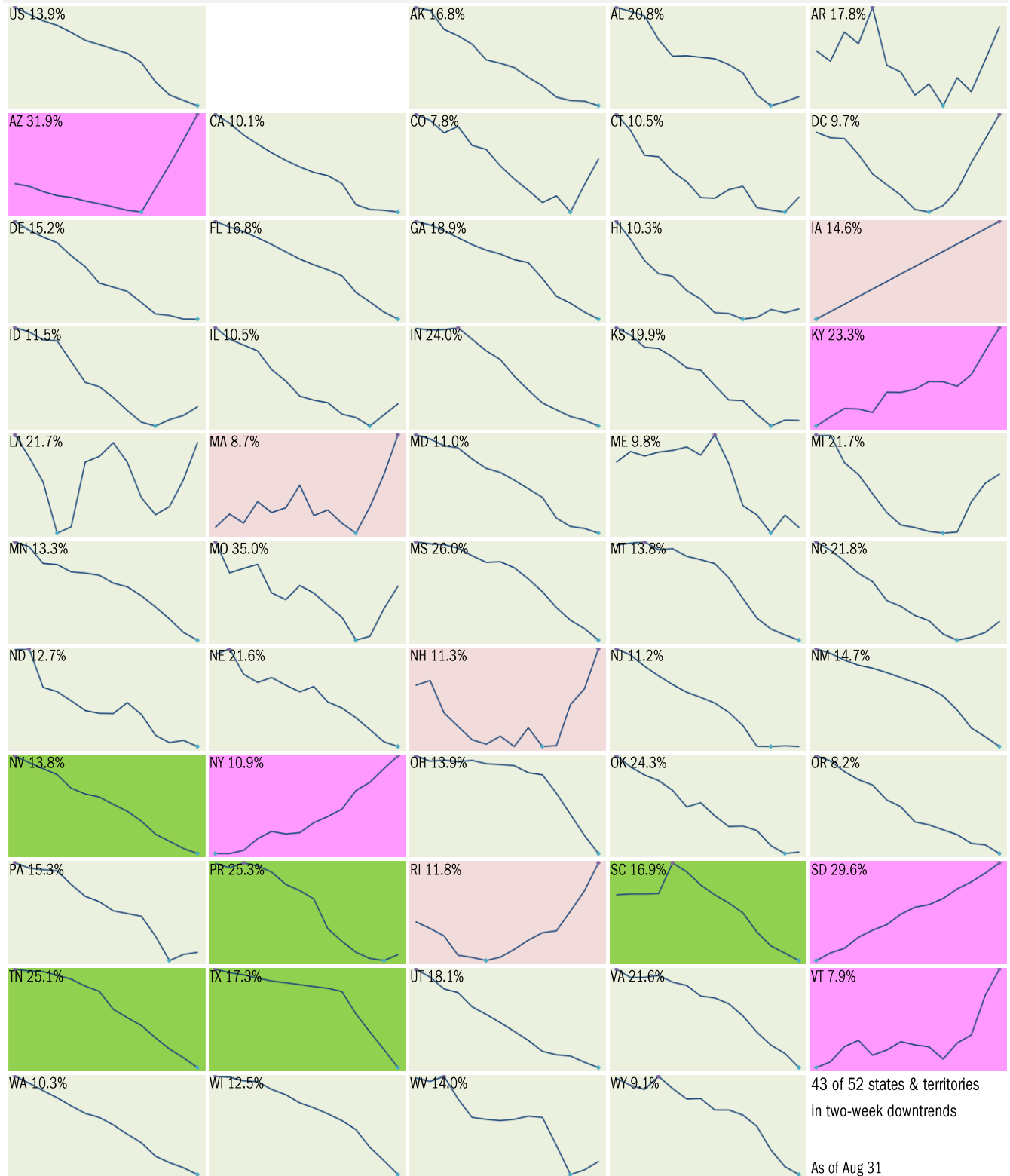


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

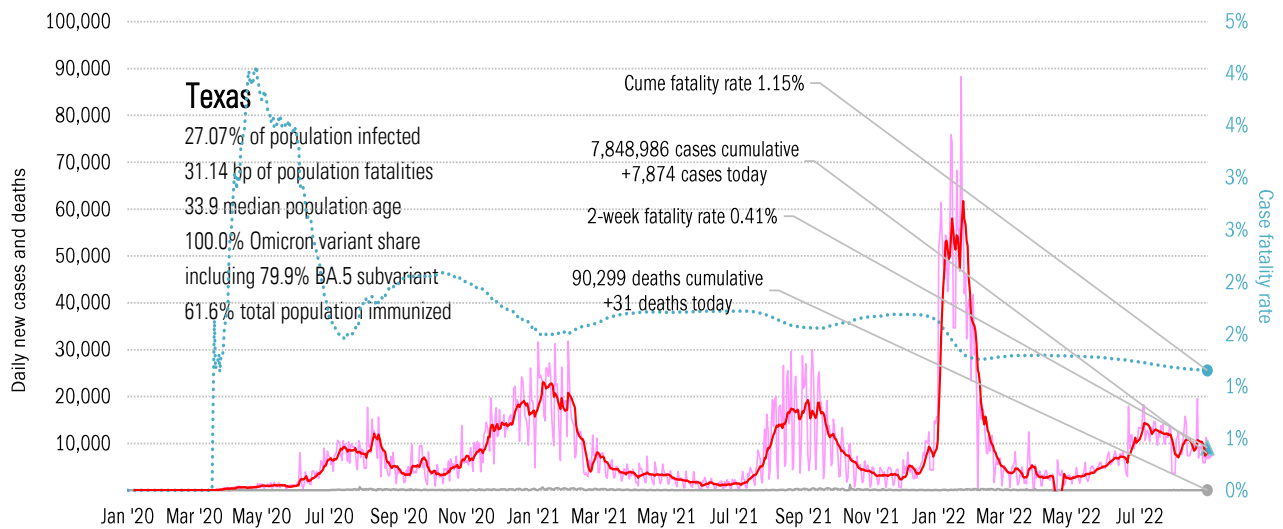
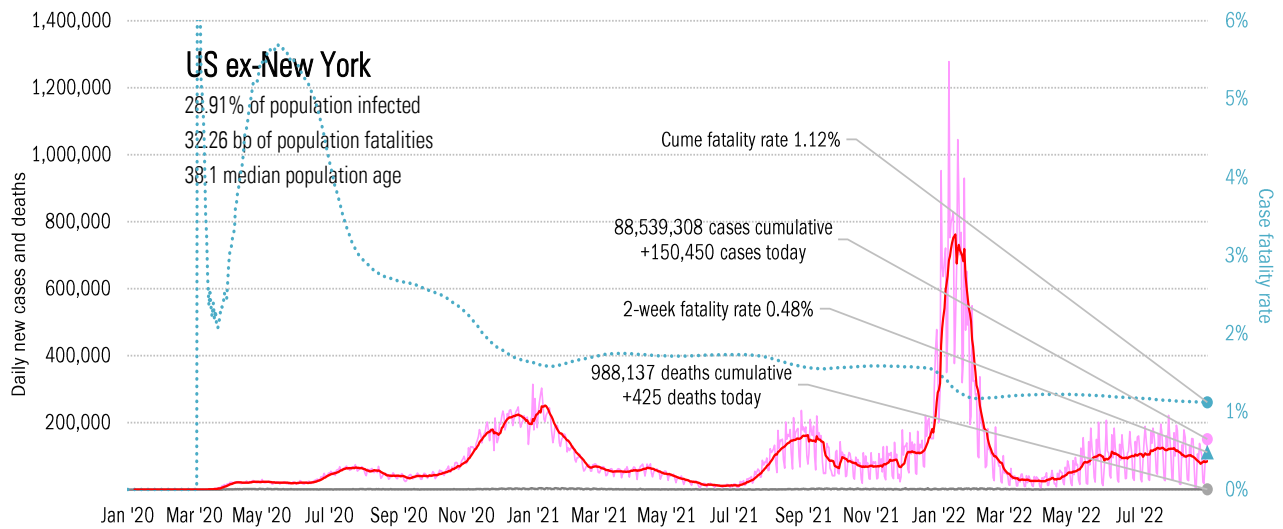
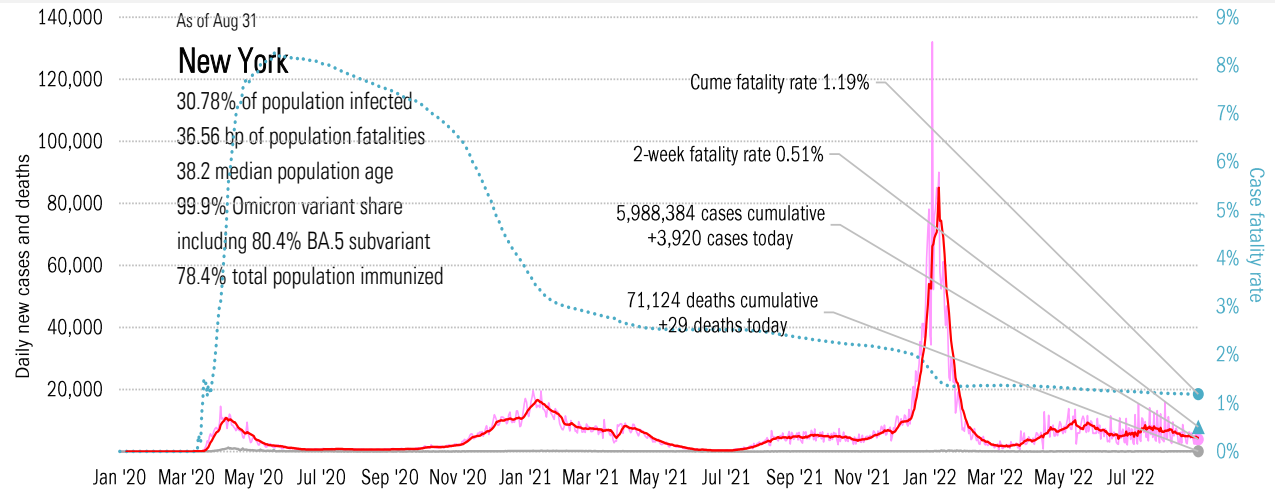
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

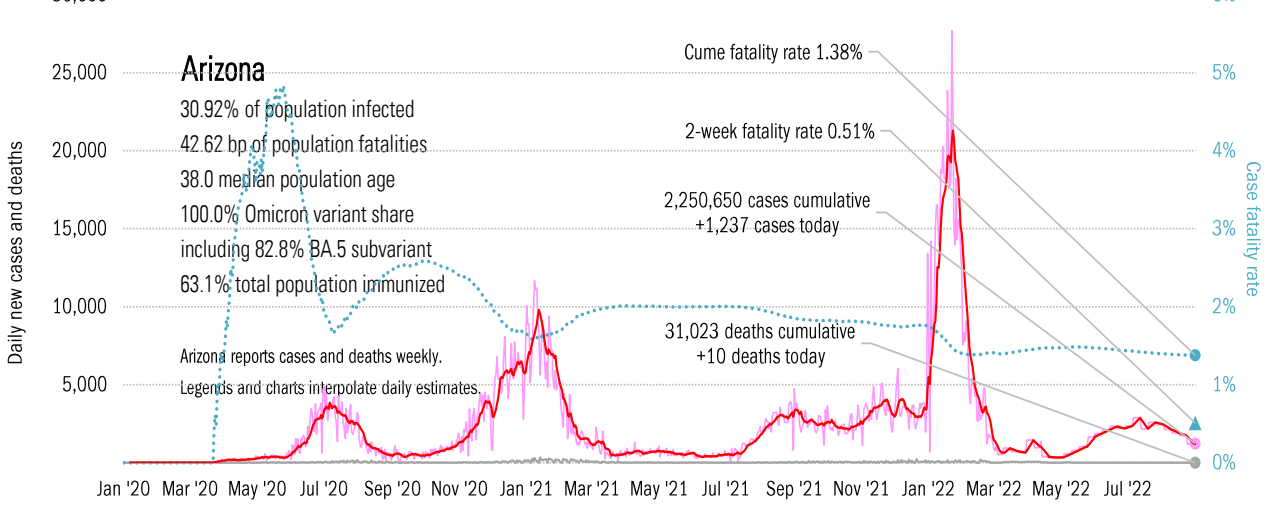
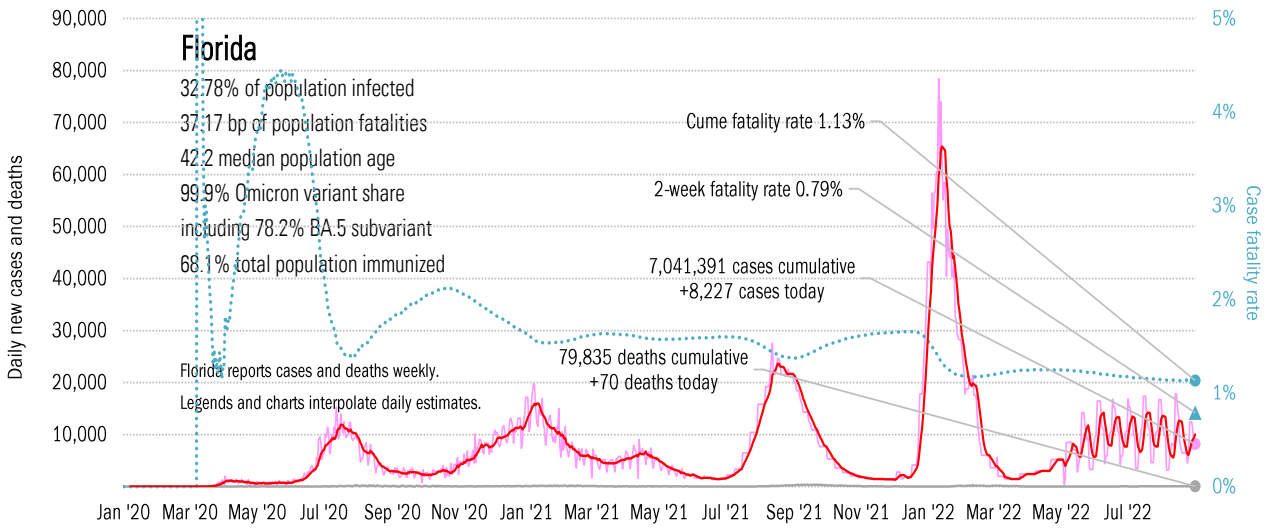
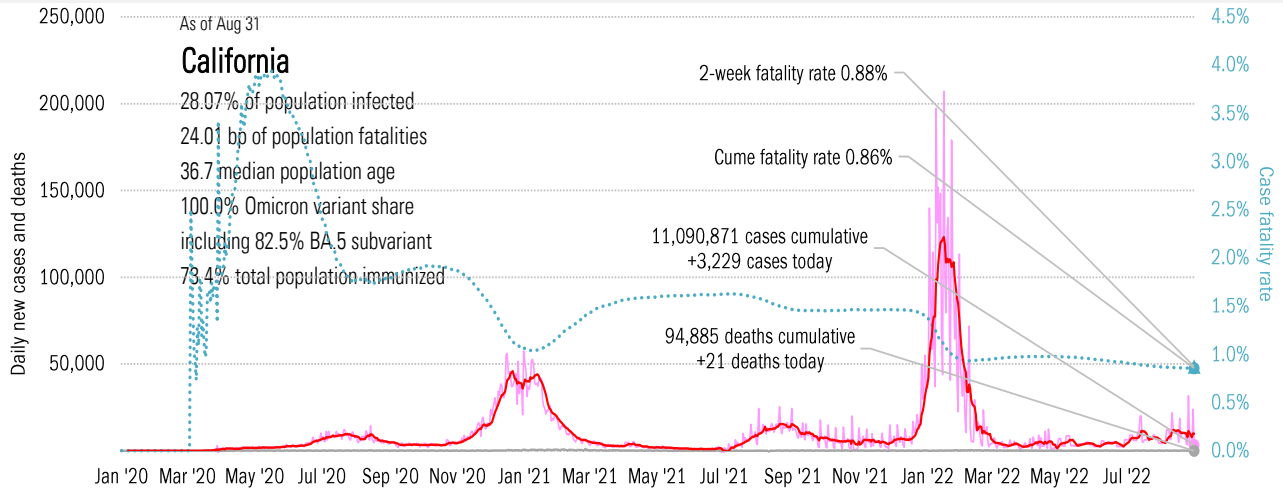
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

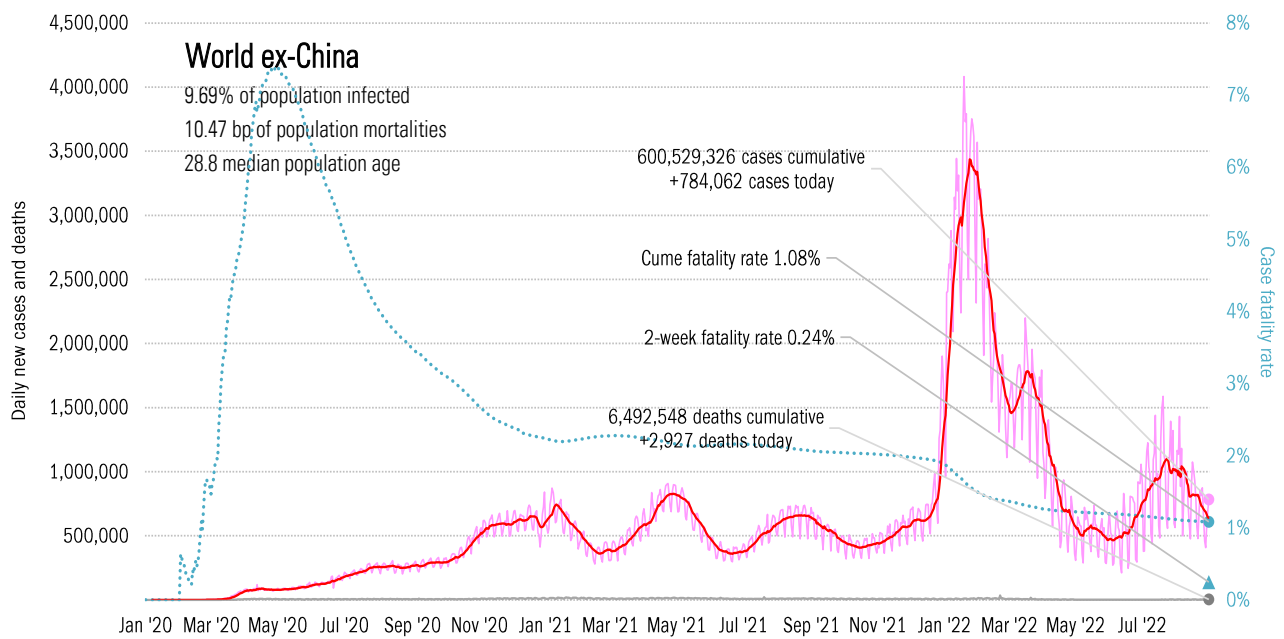
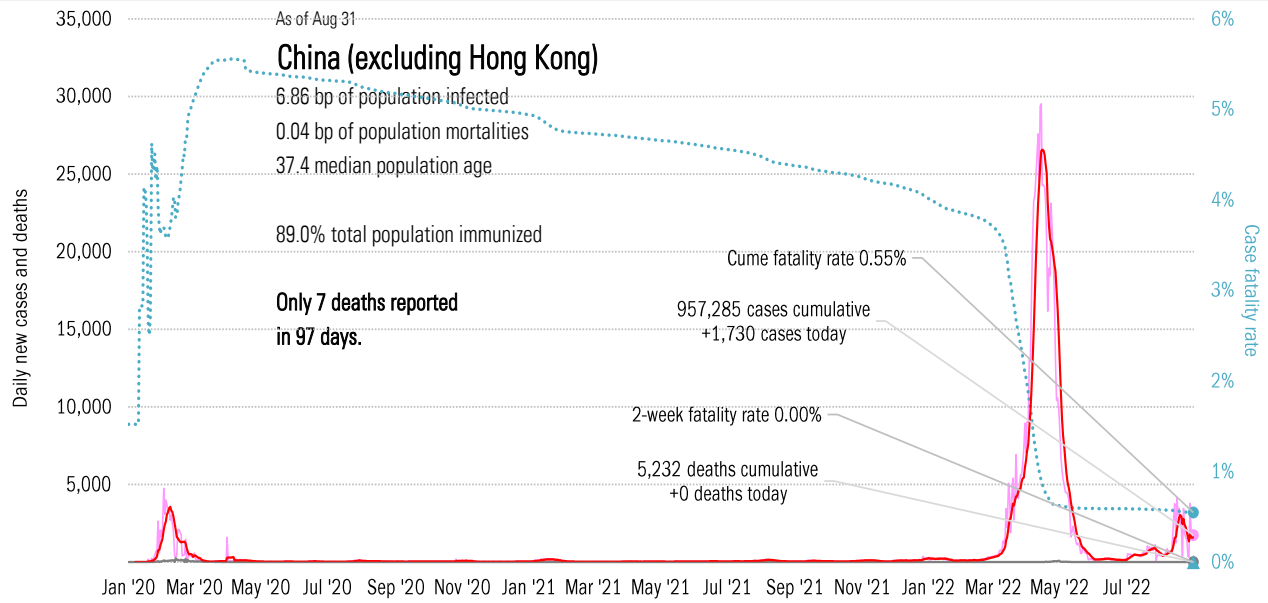
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

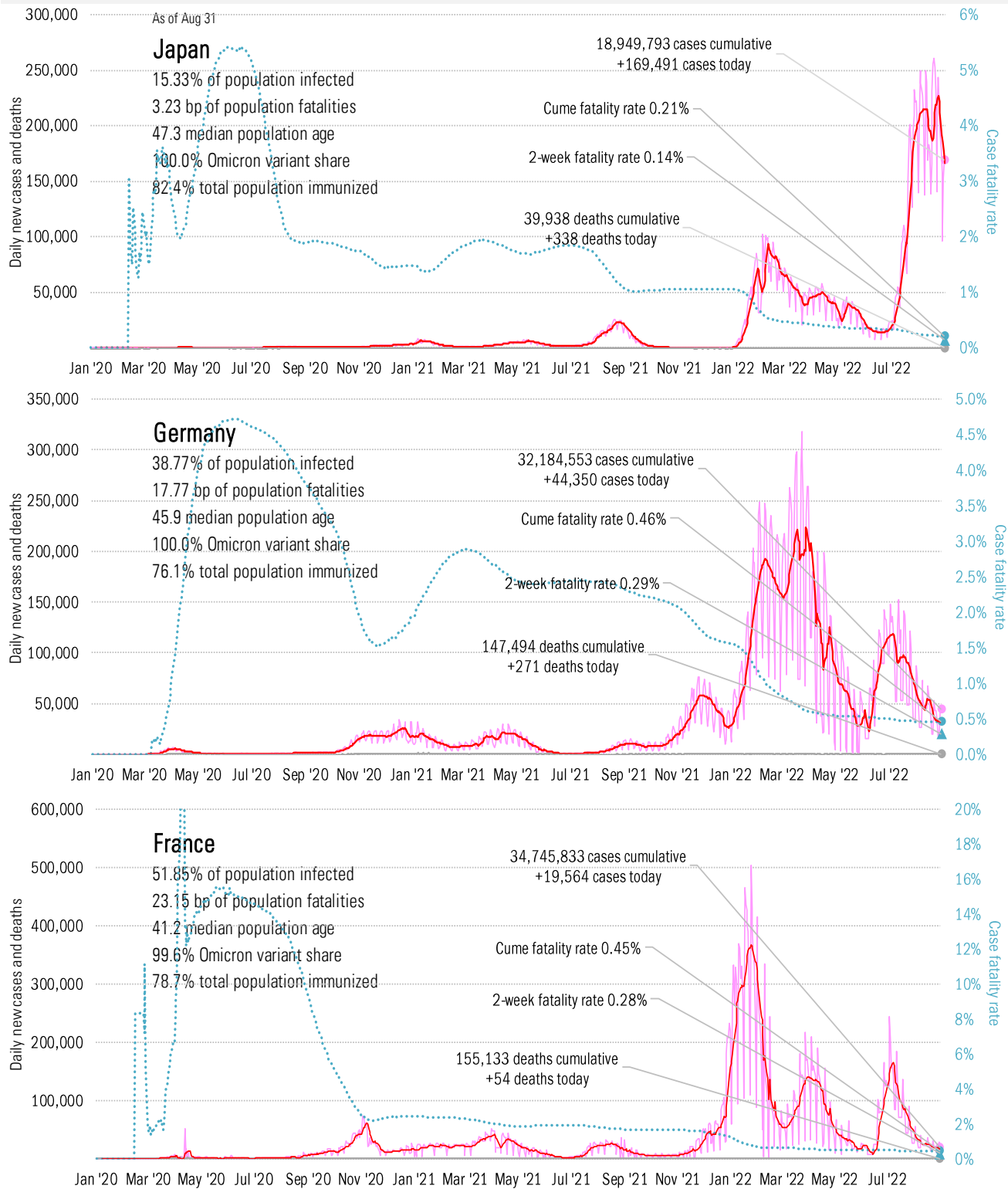
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

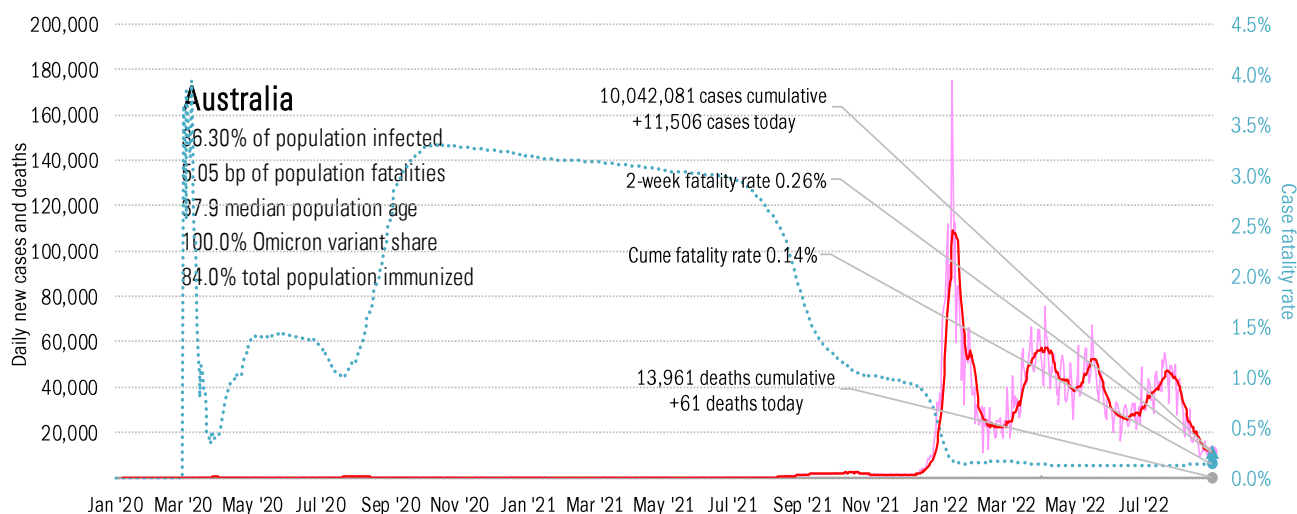
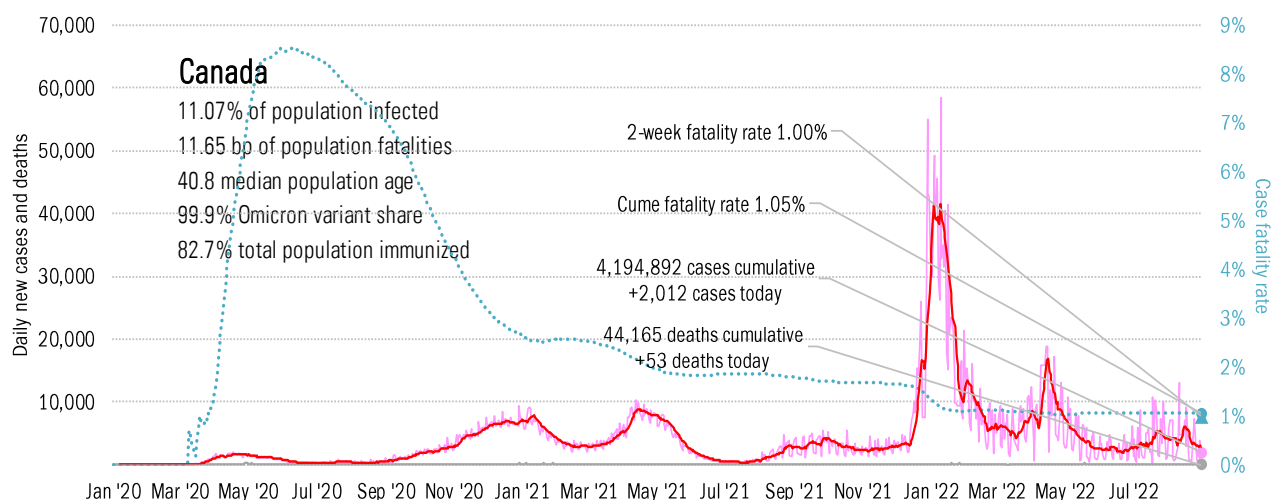
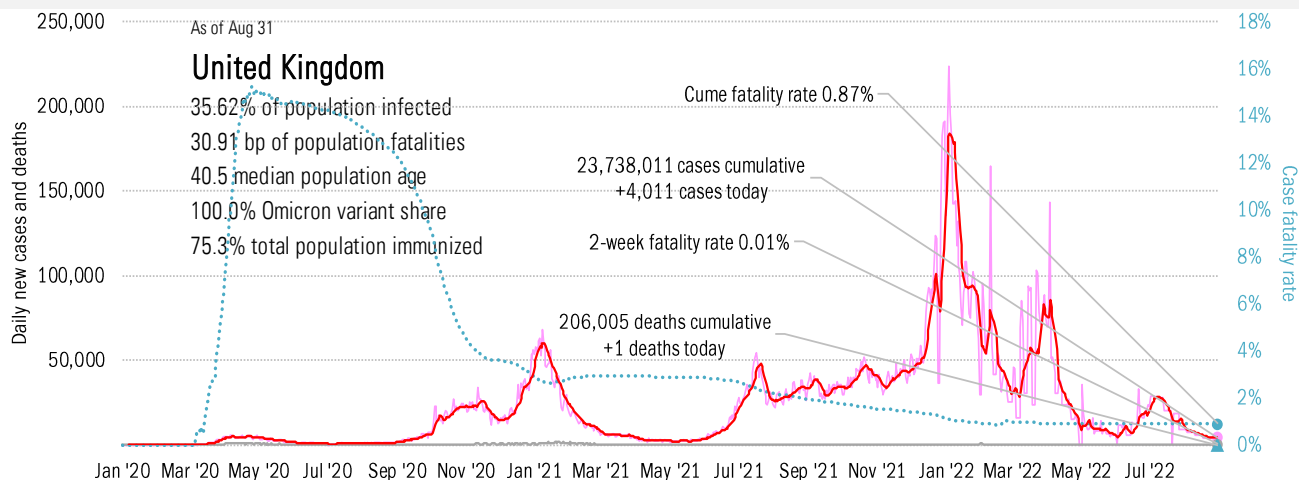
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

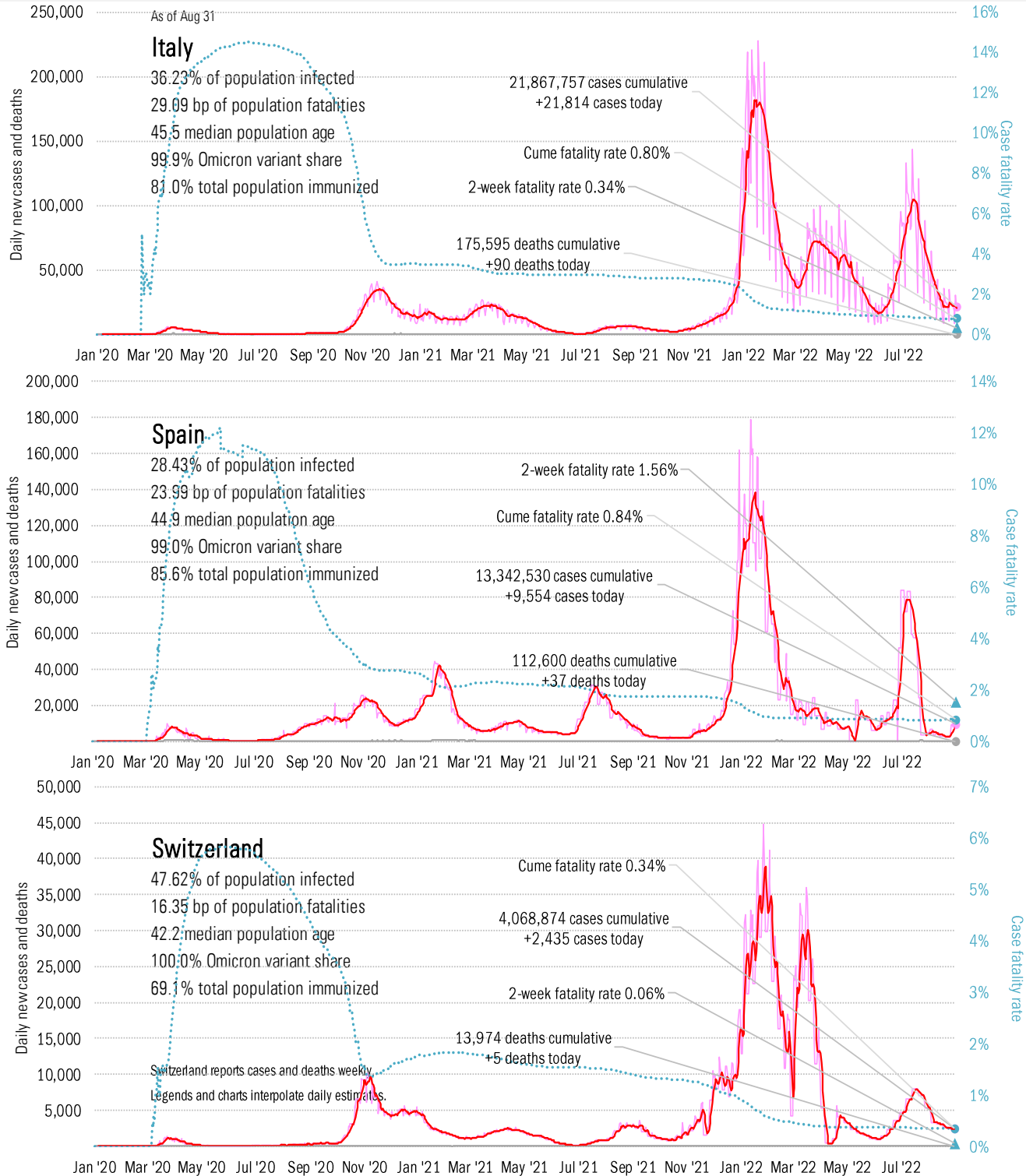
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

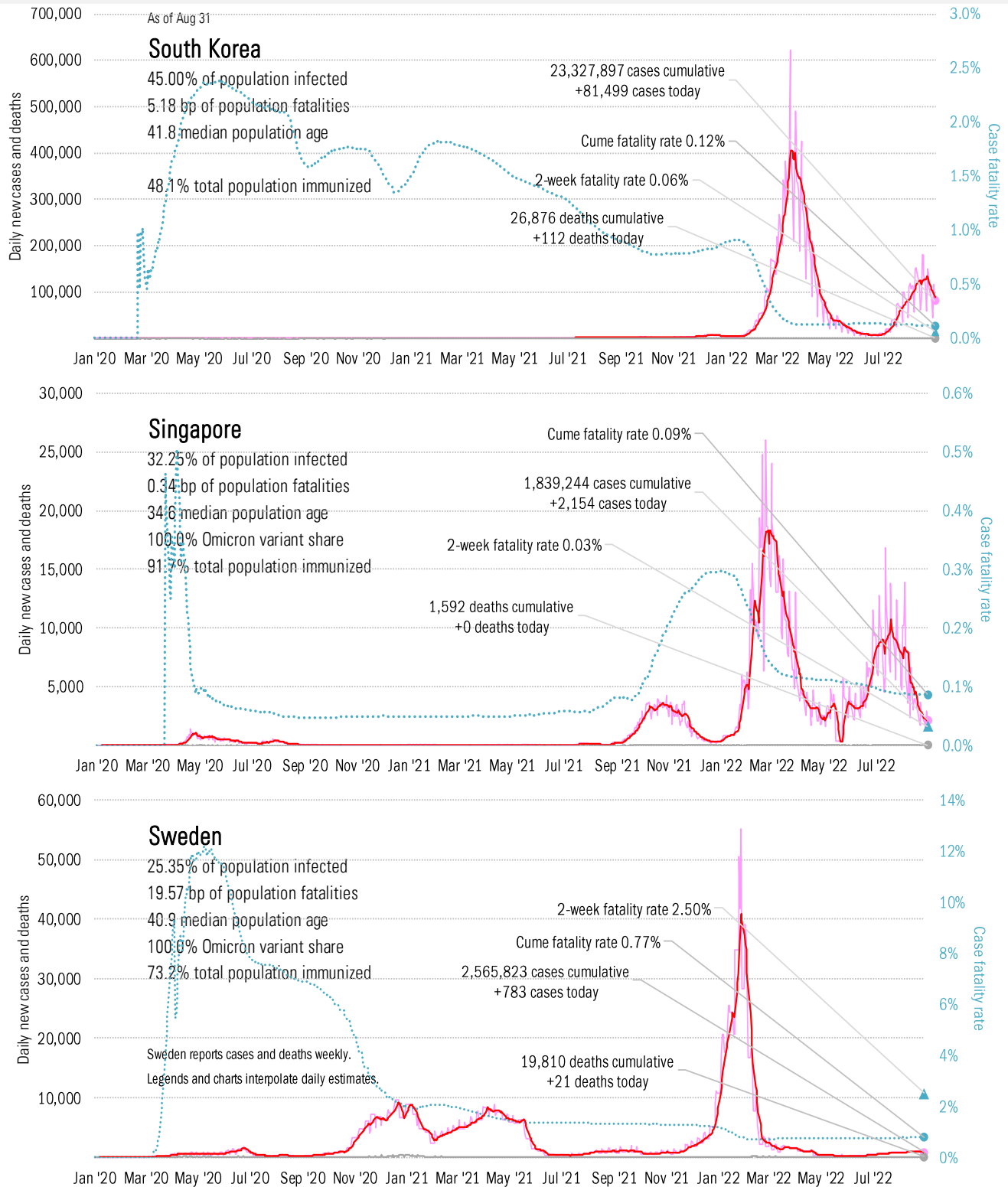
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

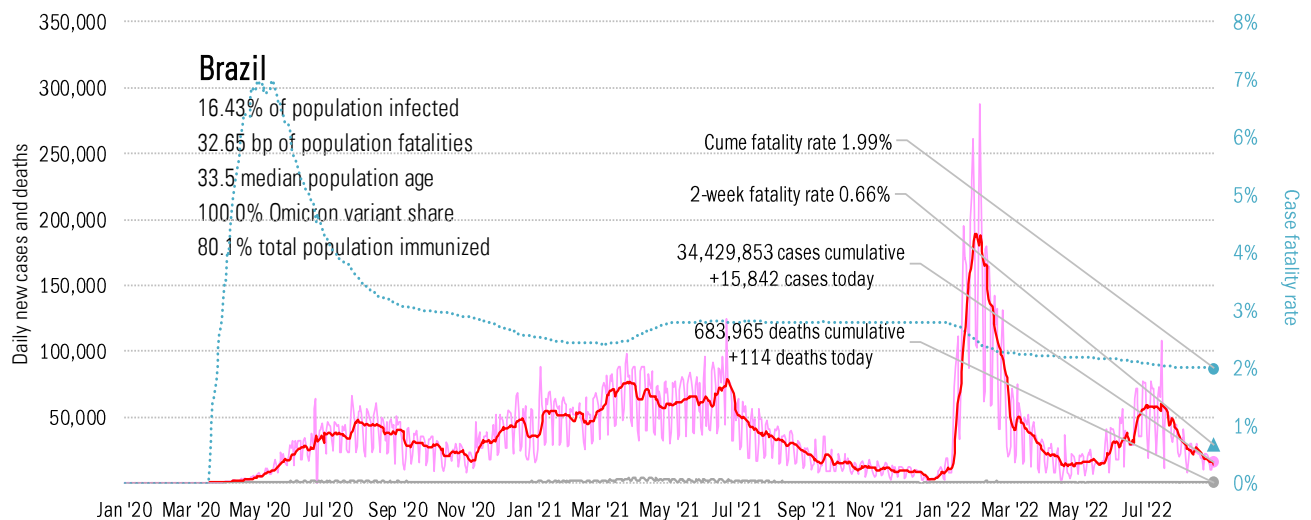
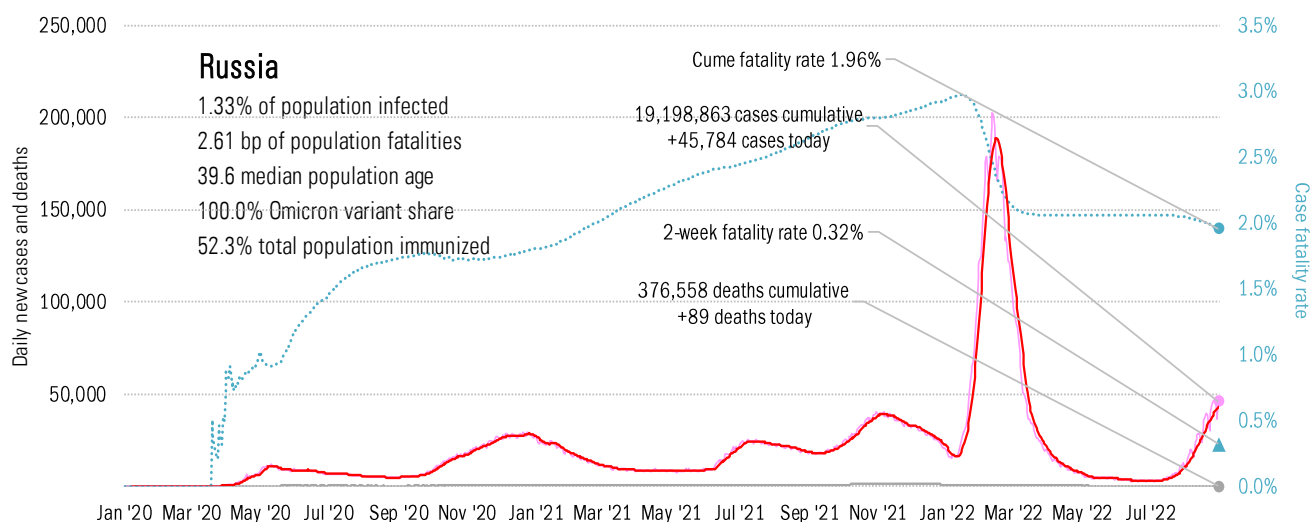
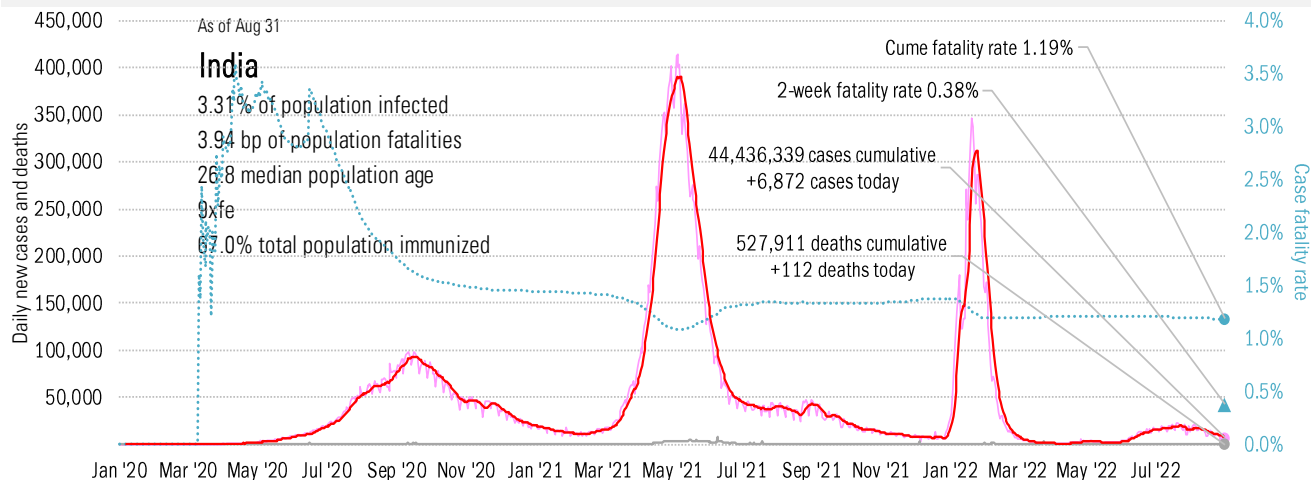
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

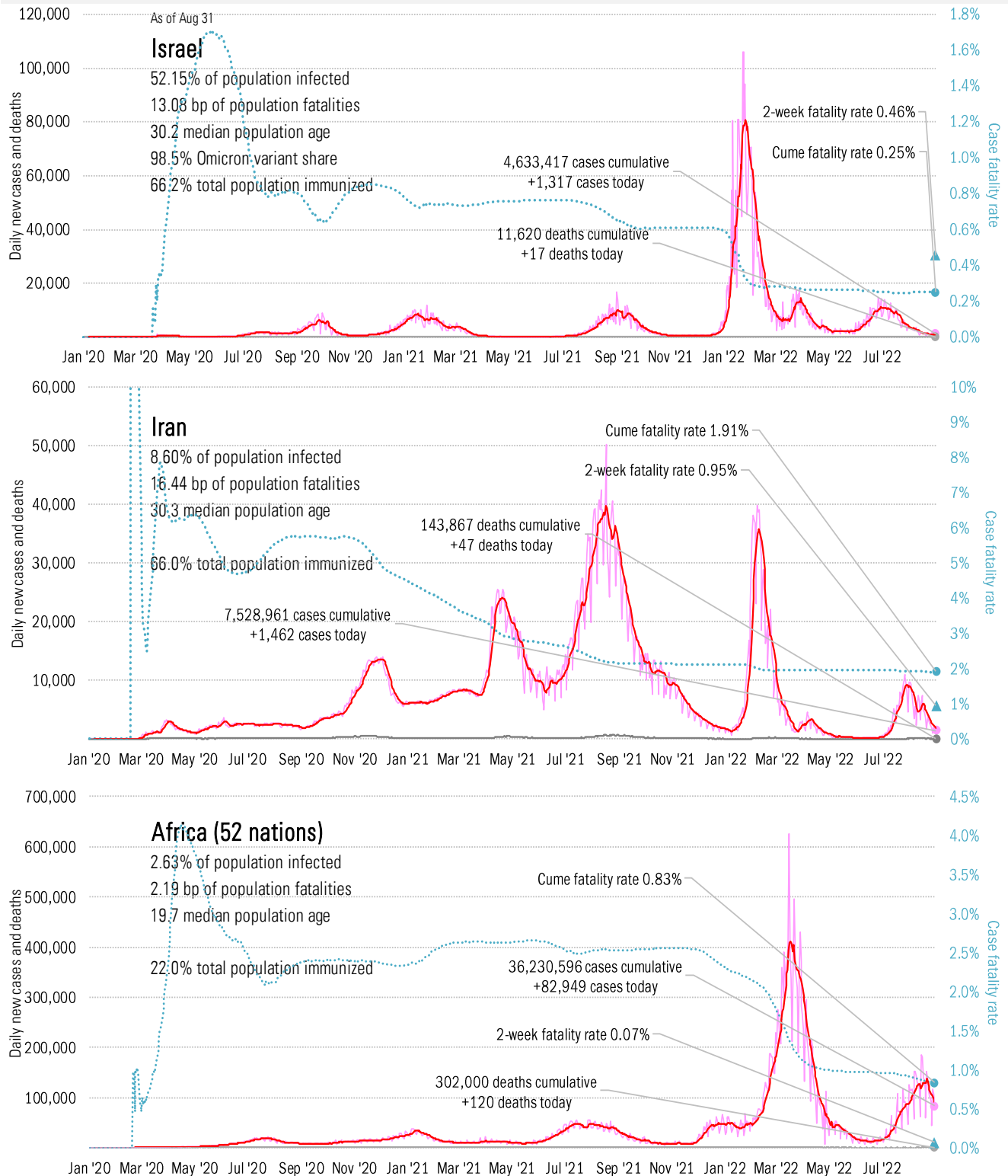
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

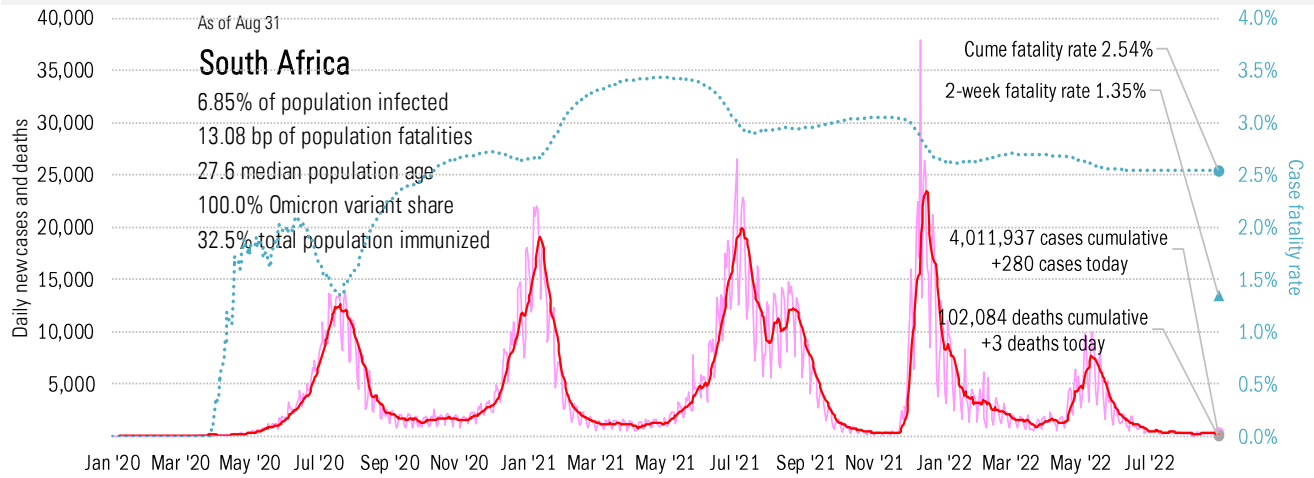
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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