

Data Insights: Covid-2019 Monitor

Monday, January 9, 2023

The global scorecard

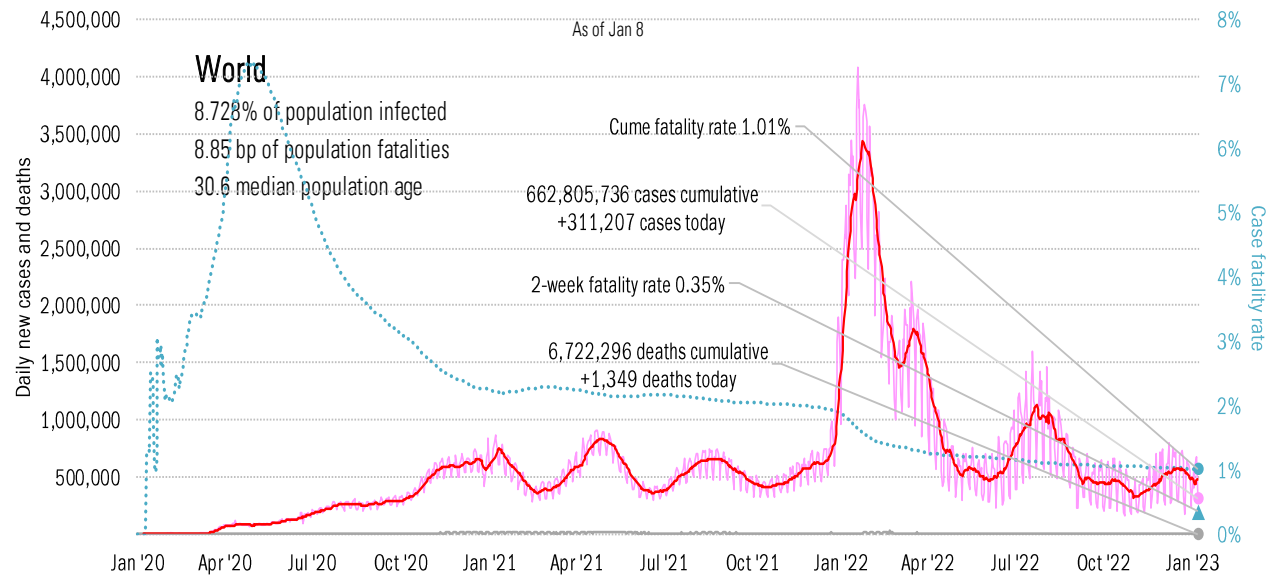
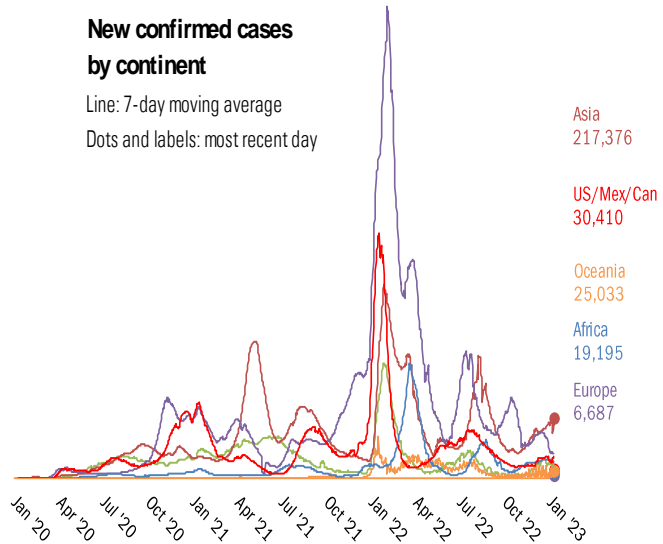
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	190,538	United States	461
United States	62,544	Japan	407
Brazil	27,038	Brazil	368
Taiwan*	23,410	Germany	170
New Zealand	21,660	Italy	111
Italy	19,425	New Zealand	62
Korea, South	19,106	Mexico	61
China	14,171	Spain	53
Germany	13,169	Russia	45
Mexico	12,839	Sweden	45
403,900		1,782	

New confirmed cases by continent

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



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

For more information contact us:

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

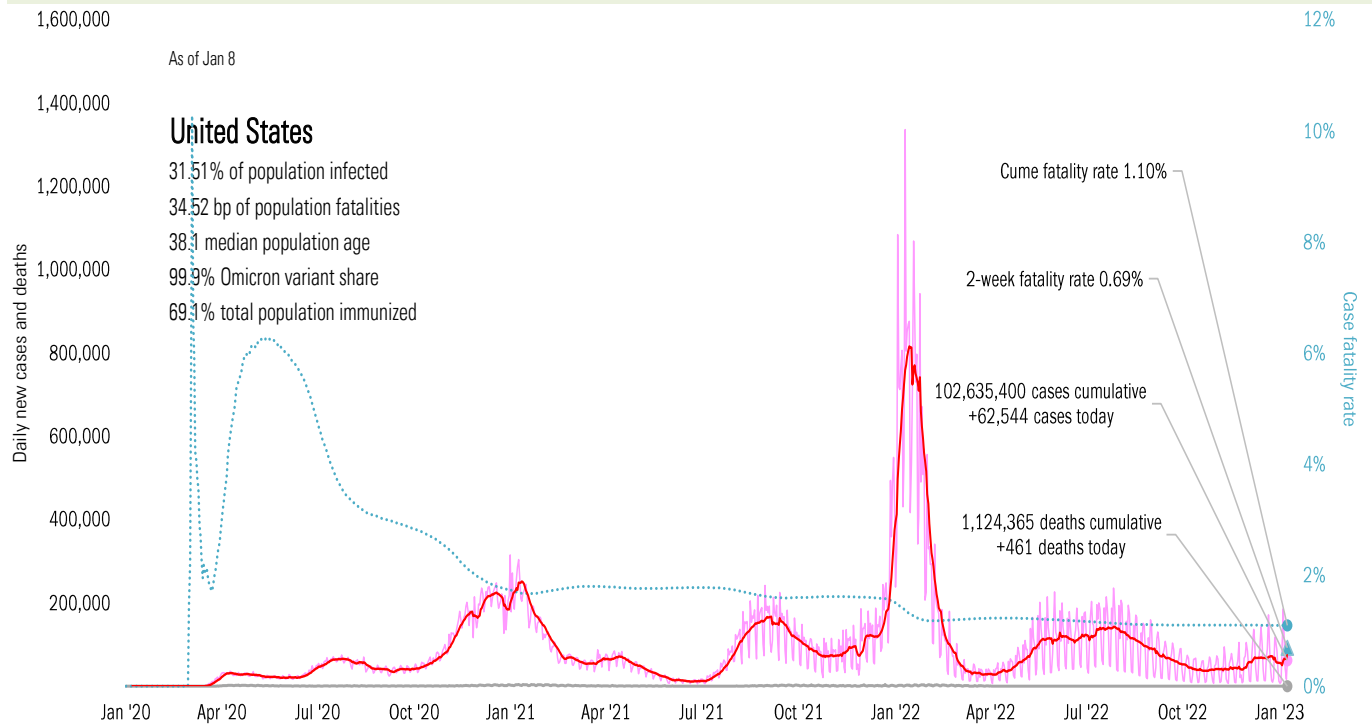
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	11,536		IL	45		CT	148		CA	11,878,886		CA	98,922		TX	573,030		RI	88%	VT	92%
CA	6,069		NY	42		GA	247		TX	8,266,908		TX	91,949		CA	547,646		MO	87%	MA	90%
NJ	4,253		FL	39		NJ	240		FL	7,393,712		FL	84,176		FL	517,617		NH	87%	TX	89%
TX	3,482		CA	28		AL	105		NY	6,615,741		NY	75,429		NY	339,601		DE	87%	NC	89%
NC	3,070		MA	22		LA	112		IL	3,981,275		PA	49,034		CH	237,797		WA	87%	MS	89%
PA	2,145		CT	22		NY	485		PA	3,431,861		GA	41,520		GA	236,202		MN	85%	NH	88%
VA	2,108		PA	20		WI	99		NC	3,359,796		CH	41,033		PA	222,384		AK	85%	AL	88%
NY	2,072		RI	19		PA	248		CH	3,321,463		MI	40,836		IL	206,147		NC	85%	MO	87%
CH	1,985		AZ	18		CA	693		GA	2,998,991		IL	40,747		MI	176,397		MI	85%	NE	87%
GA	1,971		TX	18		MI	165		MI	2,998,447		NJ	35,589		NJ	155,284		MD	84%	KY	86%
38,690			274			2,542			54,247,080			599,235			3,212,105						
All states	62,544		461		6,057		All states	102,635,400		1,124,365		5,827,940		All states	70%		67%				
Top ten	62%		60%		42%		Top ten	54%		55%		55%		Median	81%		79%				

Some states not reporting

Five most improved US states

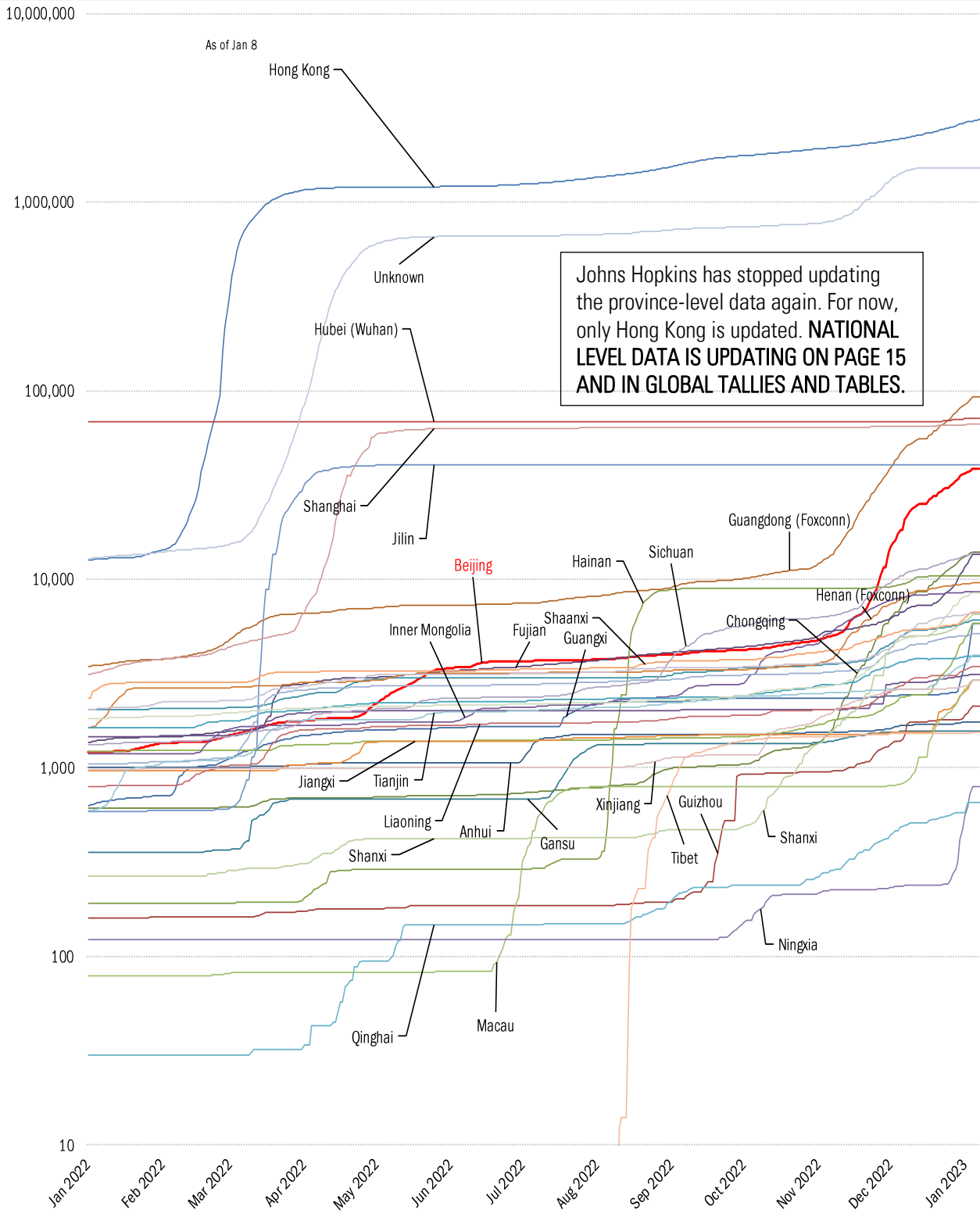
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CT	-824	AK	0	FL	-193
NY	-674	AL	0	TX	-125
AR	-305	AR	0	MA	-83
AK	0	AZ	0	NY	-64
AL	0	CA	0	MS	-56



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"

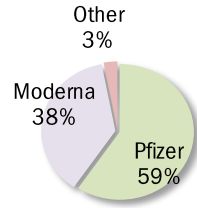


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	681,672,640		+0.183 million		US	69.0%	80.8%
			Of which boosters: +0.157 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	276,944,352	83%	236,067,457	71%	+0.018 million	Spain	85.5%
Age 12 to 17	18,423,075	73%	15,770,112	62%	+0.001 million	Germany	76.2%
Age 18 to 64	184,170,530	91%	156,546,552	77%	+0.010 million	Italy	81.3%
Age 65 and over	60,993,756	100%	53,409,974	97%	+0.003 million	Australia	82.7%
						Israel	65.2%
						Canada	82.5%
						Japan	83.2%
						Africa	27.5%
						India	67.1%
						Brazil	81.2%
						China	89.4%



AK	72.8%
	65.0%

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

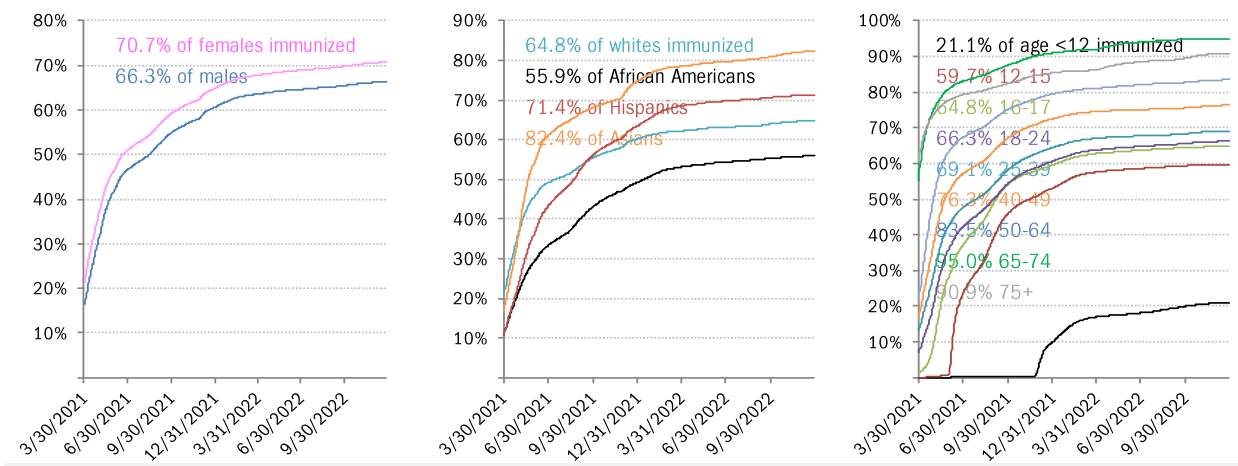
Best
Middle
Worst

"Immunity" = two doses

Global data differs due to sources, timing

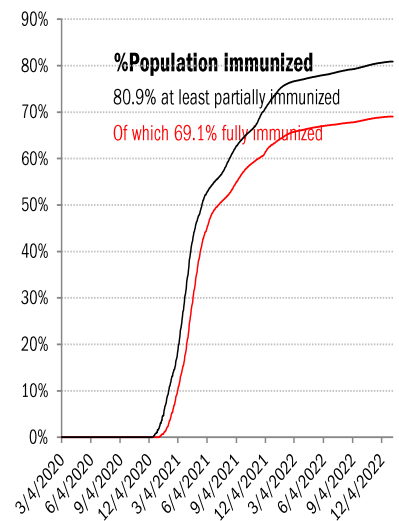
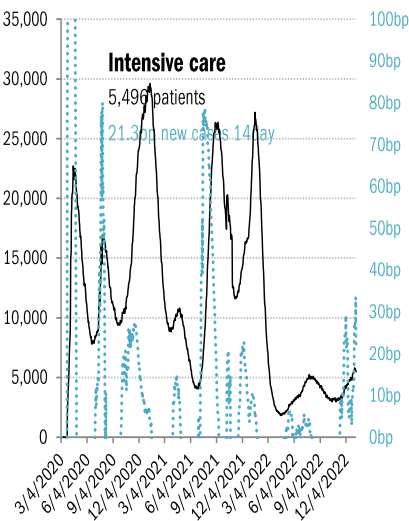
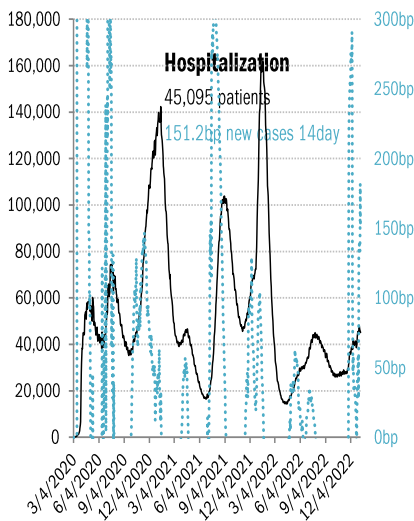
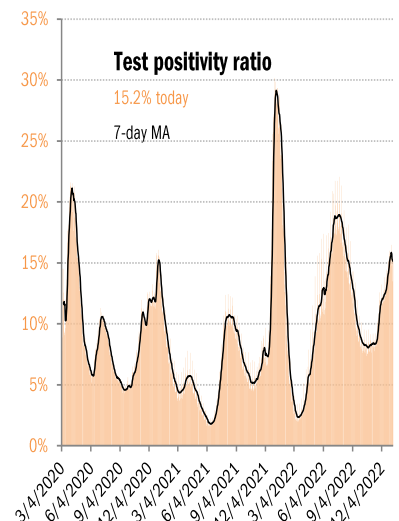
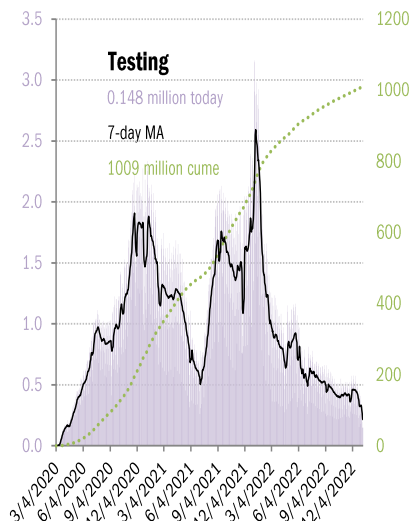
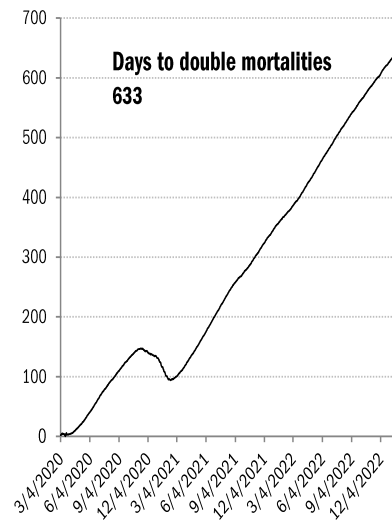
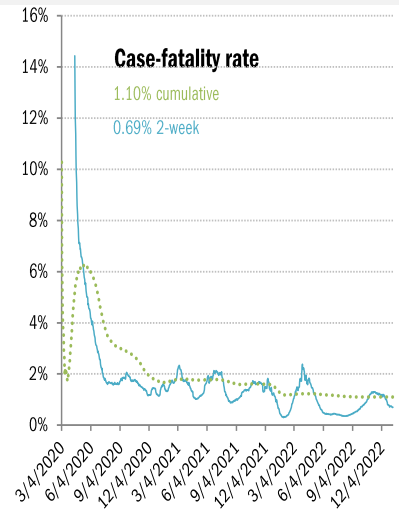
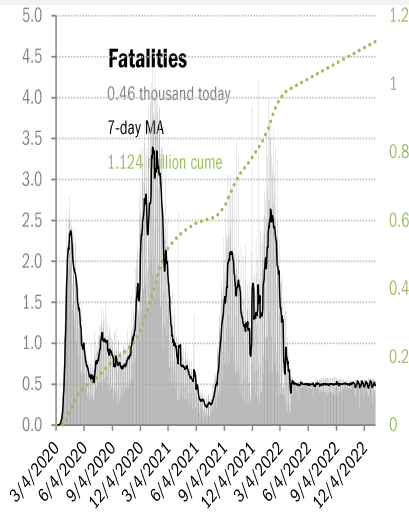
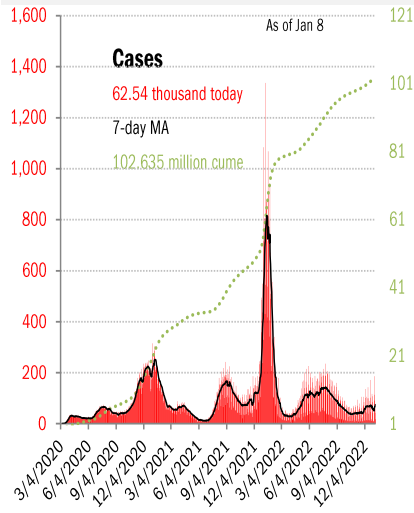
State	Immunity %
AK	72.8%
HI	91.1%
TX	76.1%
OK	74.4%
LA	62.7%
MS	61.5%
AL	64.8%
GA	68.2%
FL	82.1%
PR	95.0%
ME	95.0%
WI	74.9%
WI	68.0%
NY	94.1%
VT	95.0%
NH	87.5%
WA	84.9%
ID	63.7%
MT	68.1%
ND	69.1%
MN	78.5%
IL	78.9%
MI	69.3%
OR	81.3%
NV	77.3%
WY	60.8%
SD	83.5%
IA	70.5%
IN	64.2%
OH	65.6%
PA	90.2%
NJ	94.3%
MA	95.0%
CA	84.4%
UT	75.0%
CO	83.4%
NE	73.2%
MO	69.1%
KY	68.7%
WV	67.3%
VA	90.7%
MD	91.4%
CT	95.0%
RI	95.0%
AZ	77.2%
NM	93.9%
KS	75.9%
AR	69.7%
TN	64.3%
NC	91.7%
SC	70.8%
DC	95.0%
DE	87.9%
OK	60.3%
LA	54.9%
MS	53.6%
AL	53.0%
GA	57.1%
TX	63.1%
FL	69.2%
PR	86.7%

The demographics of US vaccination

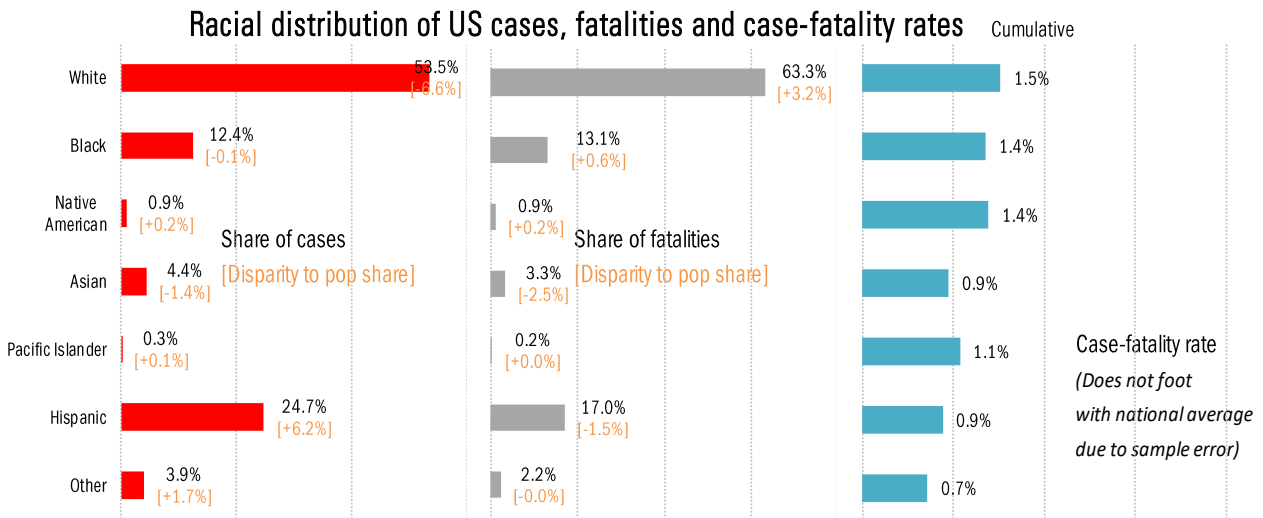
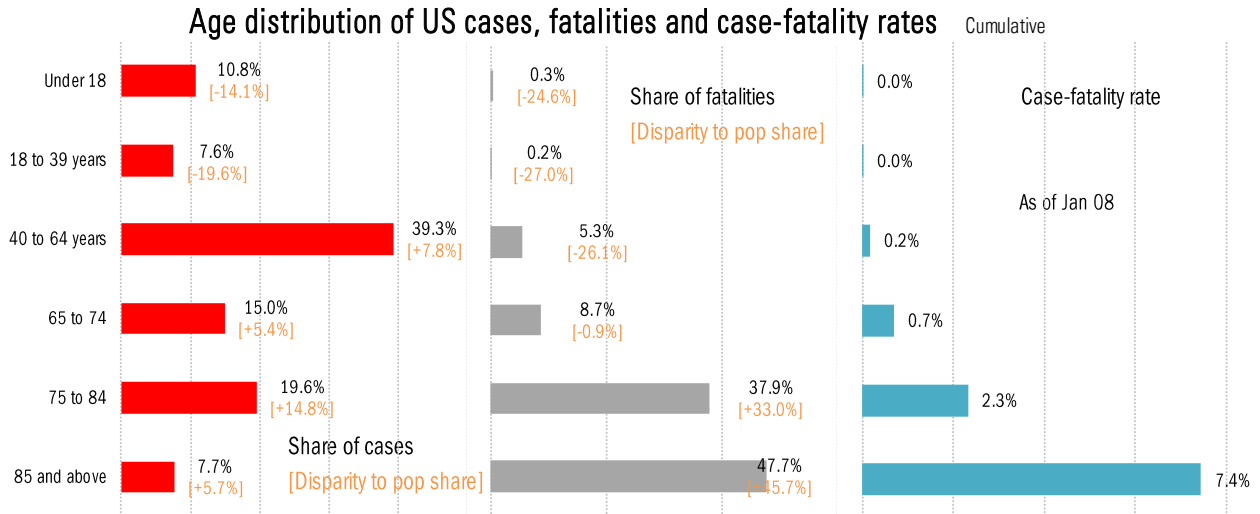


Source: CDC, CDC, Our World in Data, TrendMacro calculations

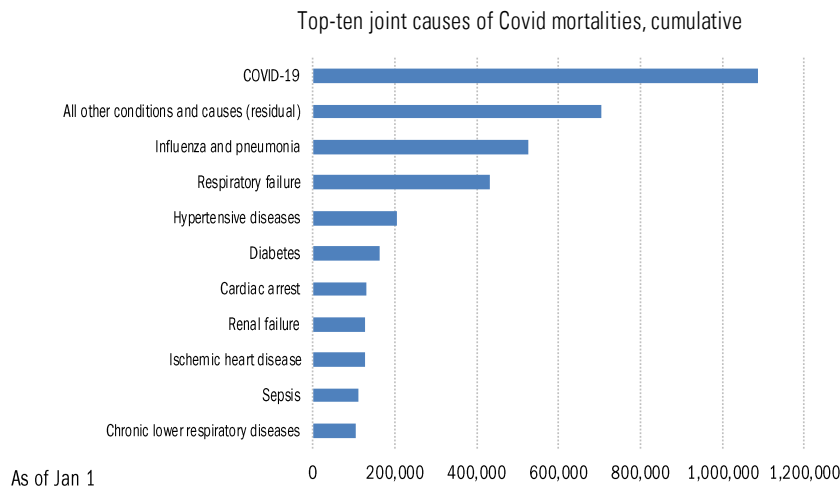
US deep-dive



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

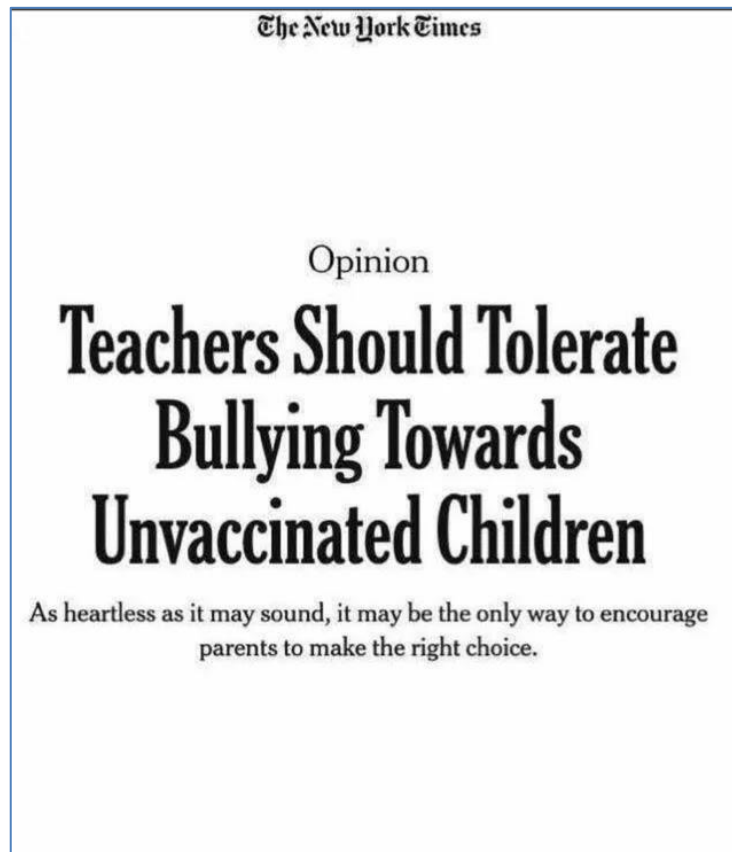
[The White House Covid Censorship Machine](#)

Jenin Younes and Aaron Kheriaty
Wall Street Journal
January 8, 2023

['Experts' Are Fueling Distrust in Vaccines](#)

Allysia Finley
Wall Street Journal
January 7, 2023

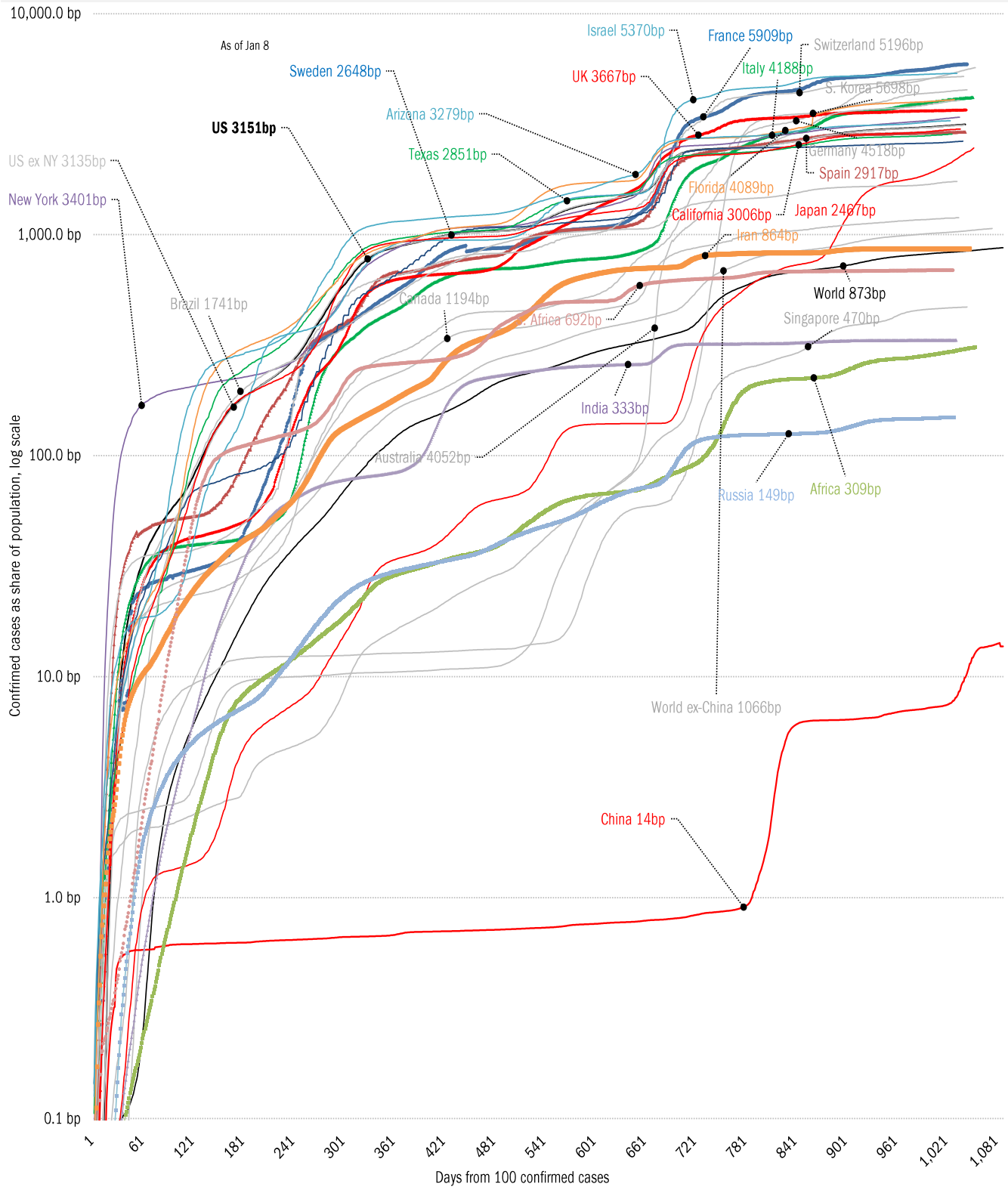
Meme of the Day



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

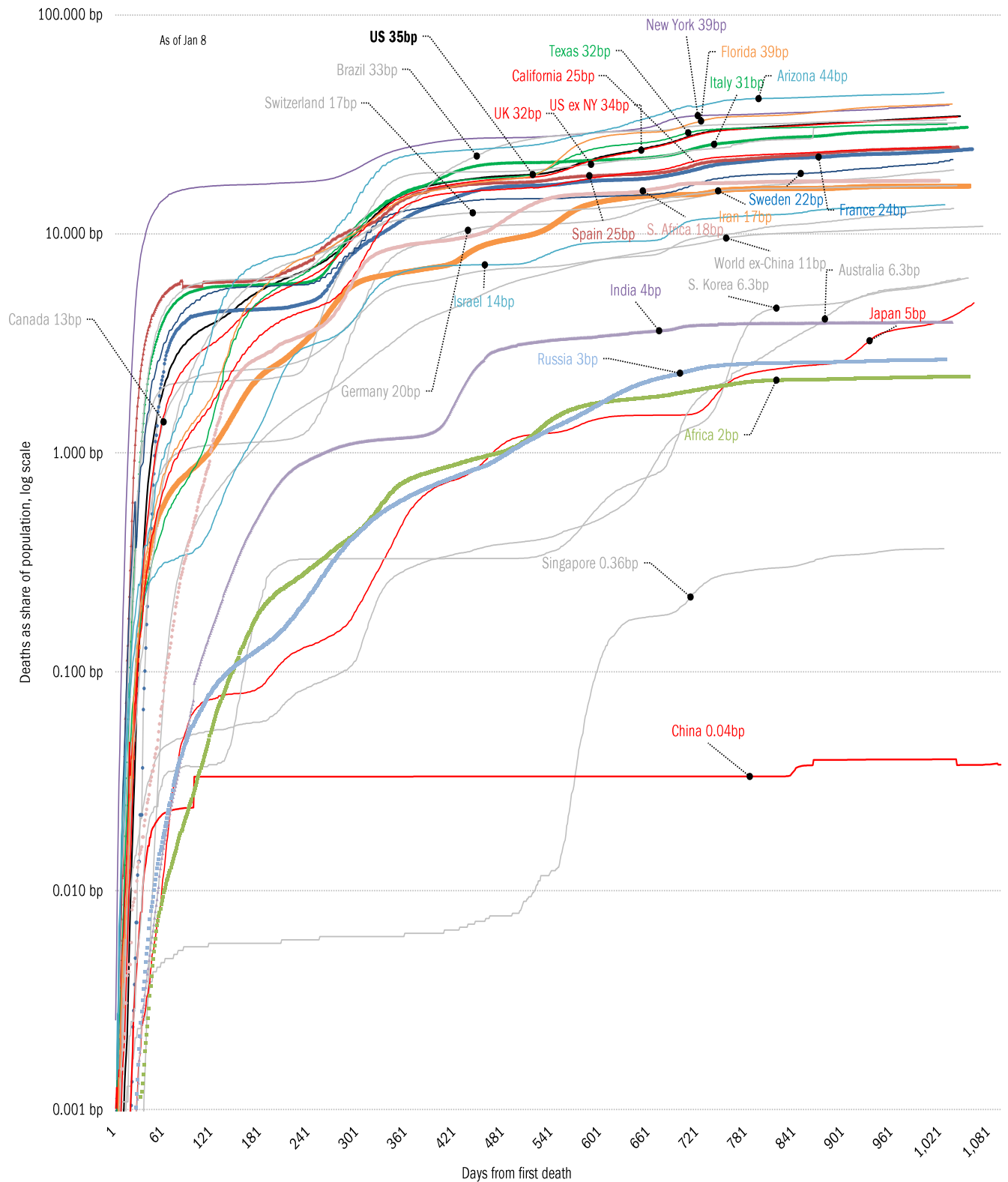
The global coronavirus case accelerometer... tracking the world's infection curves

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 population deceased from day of first fatality, log scale

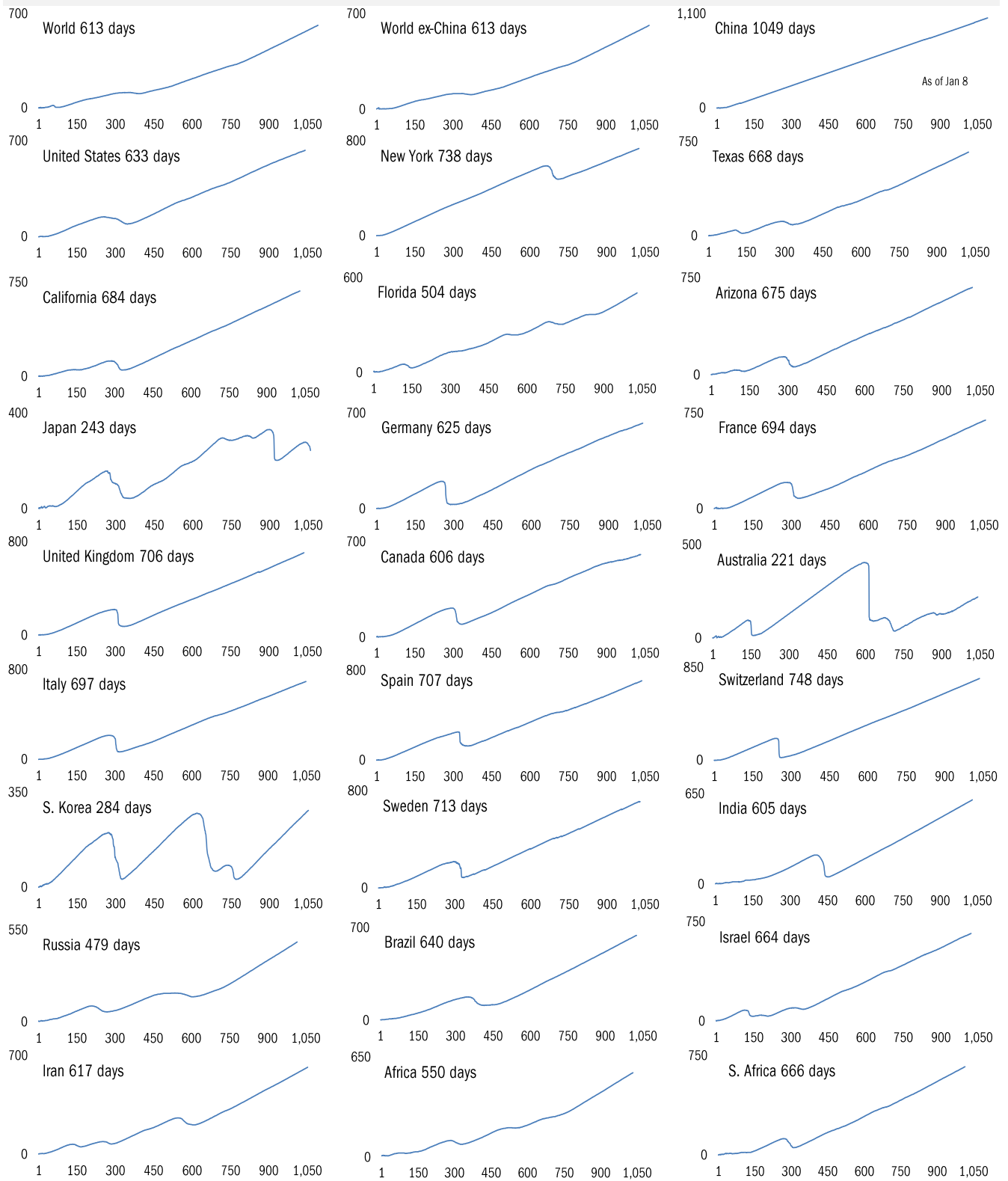


Source: [Johns Hopkins](#), TrendMacro calculations

Our most reliable evidence of the rate of spread of Covid-2019

Vertical: days to double deaths Horizontal: days from first death

Higher is good Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread

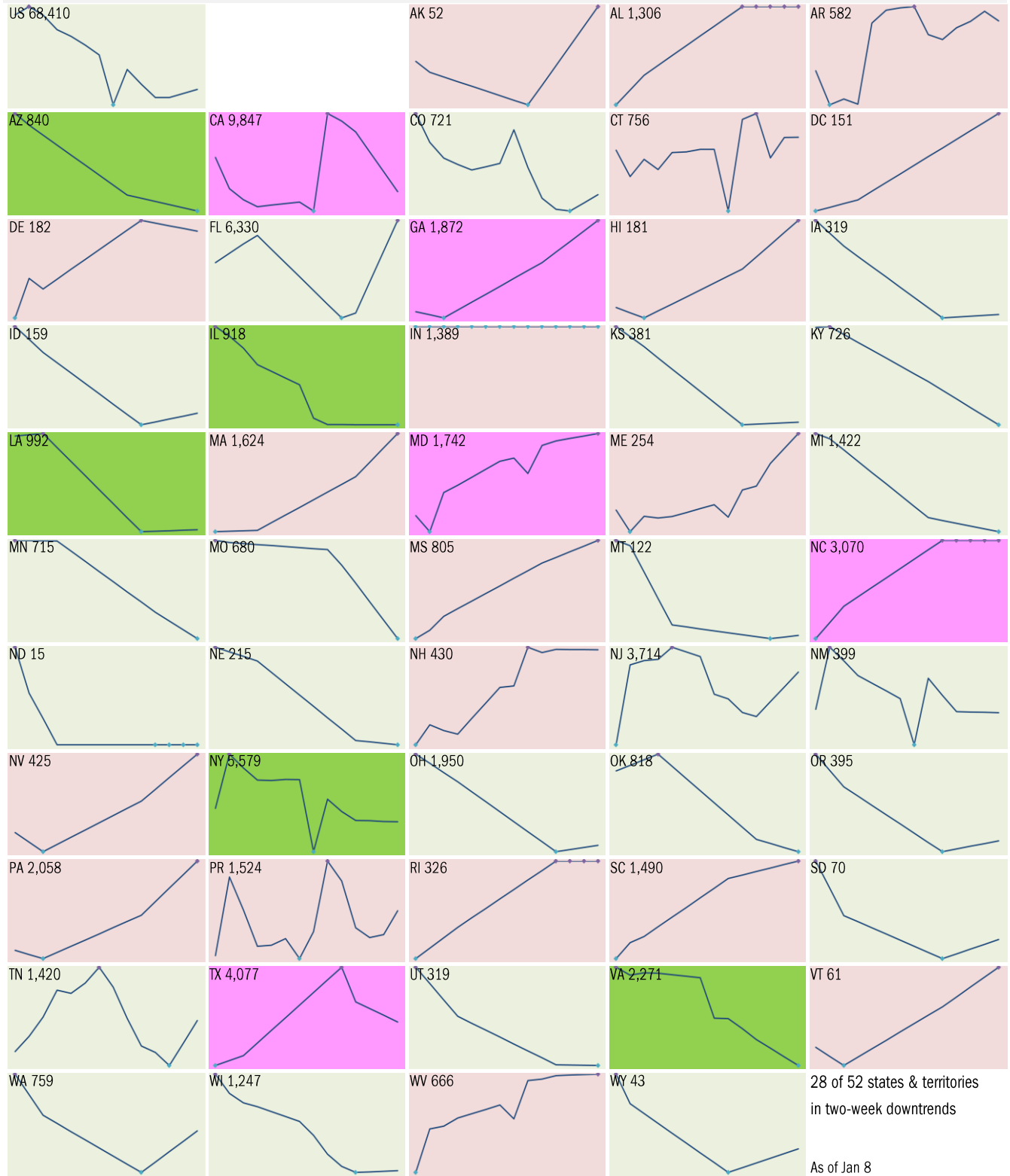


Source: [Johns Hopkins](#), TrendMacro calculations

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

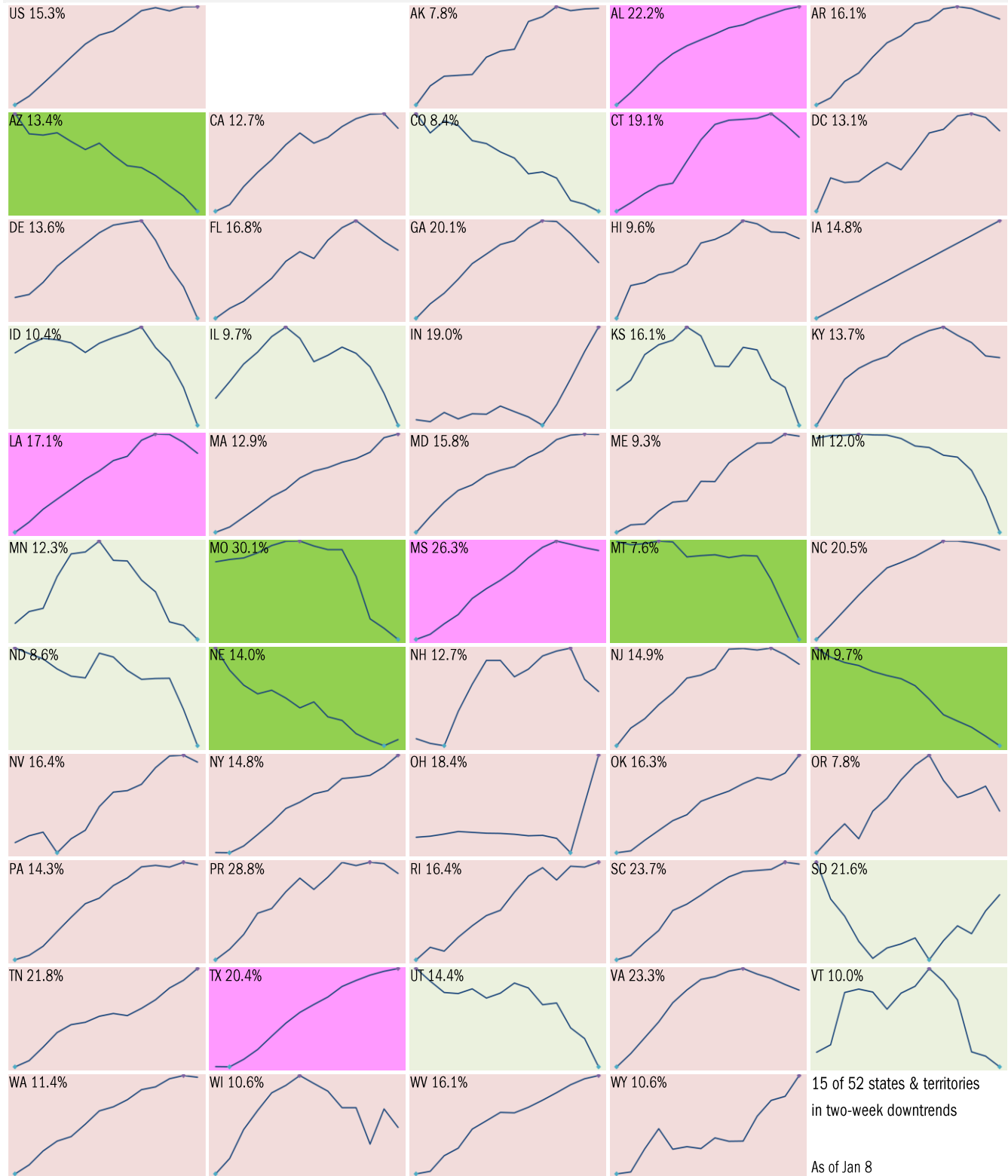


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

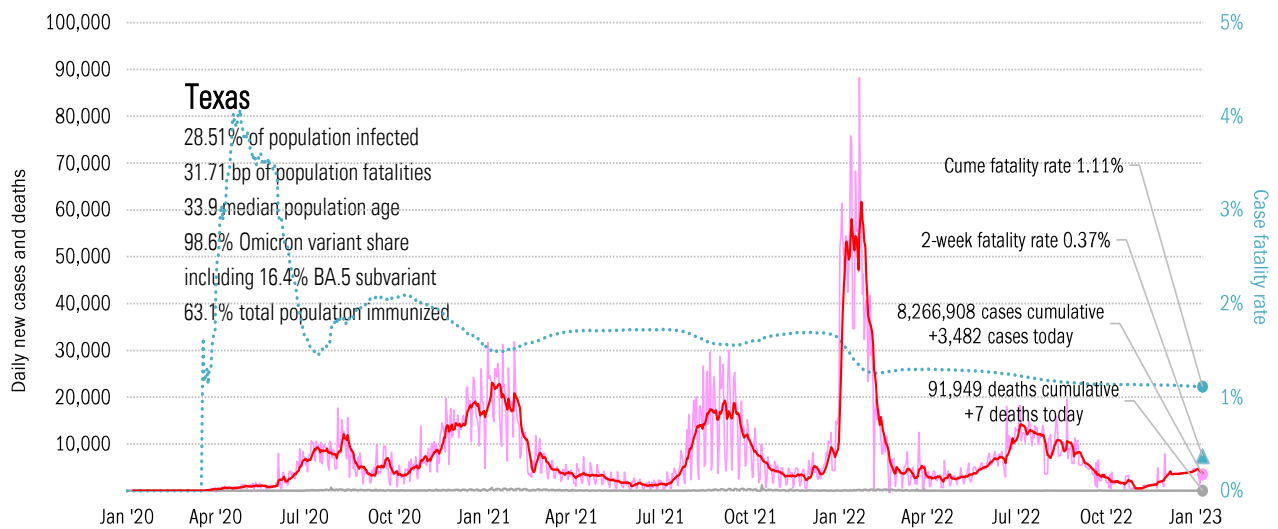
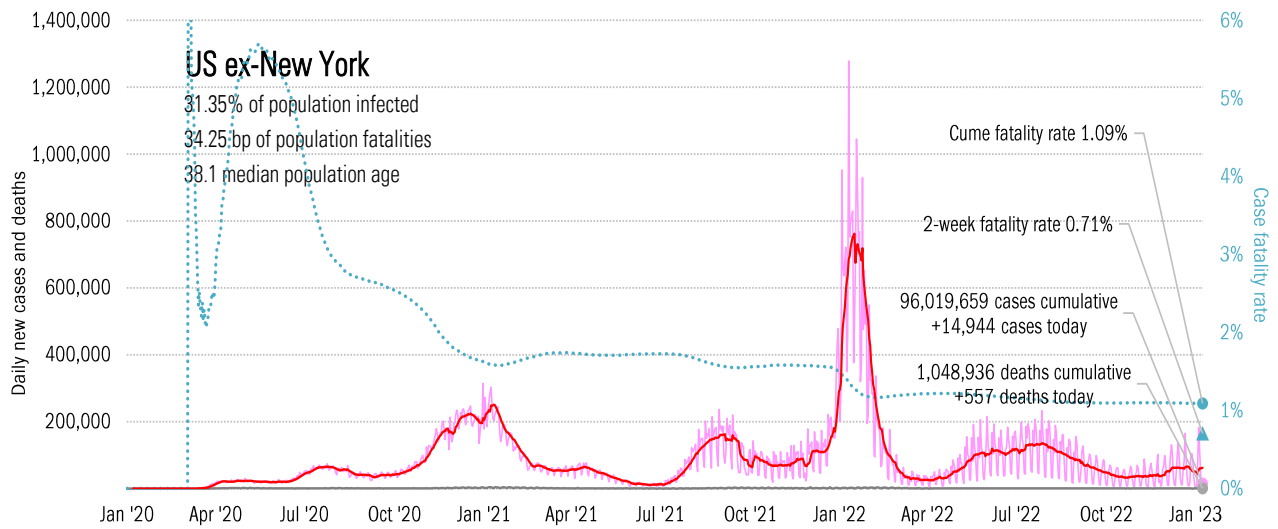
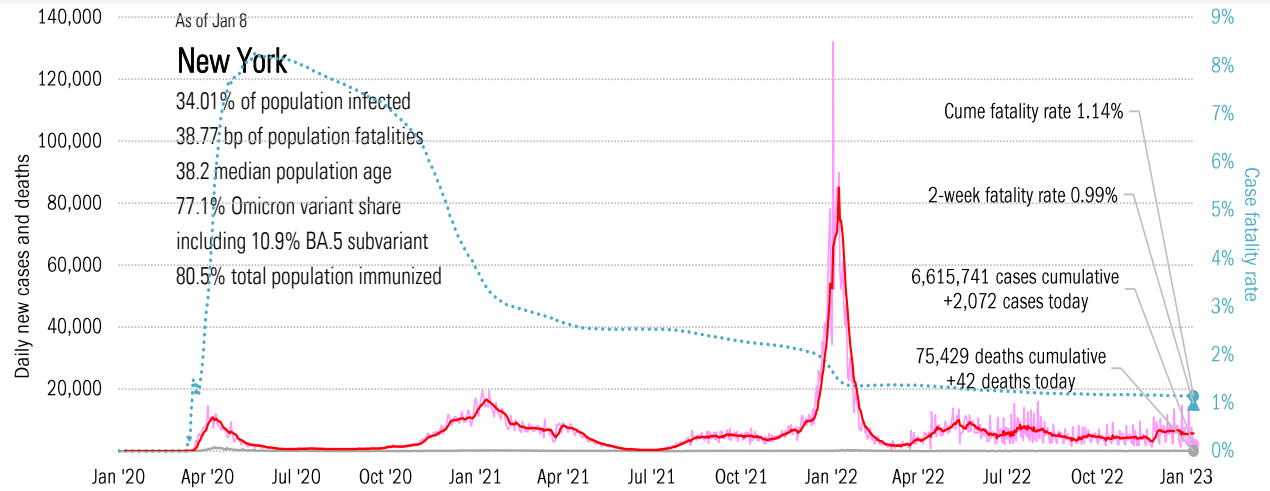
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

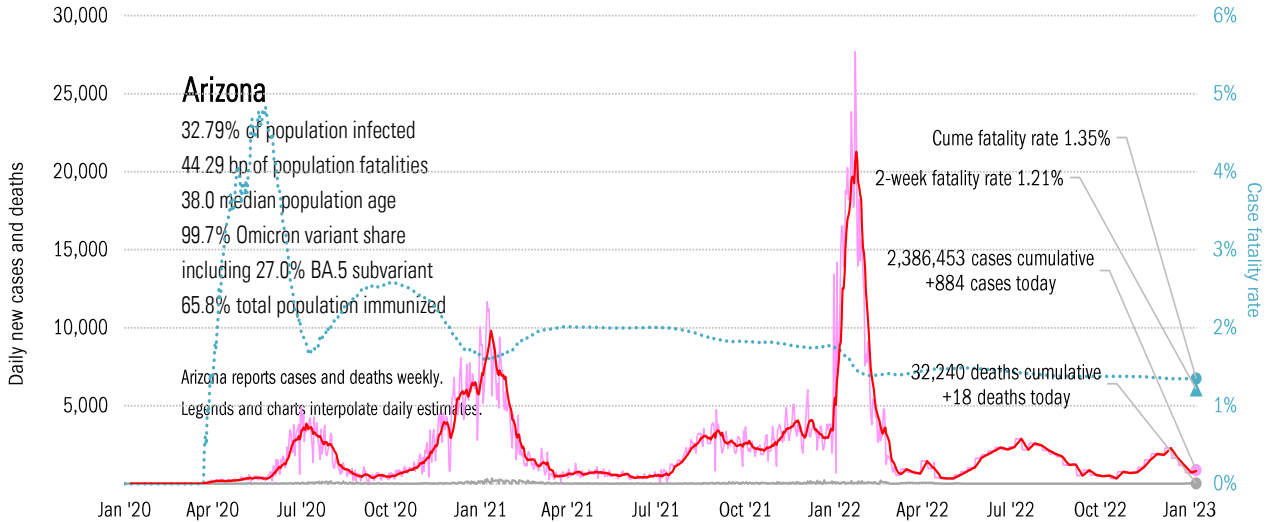
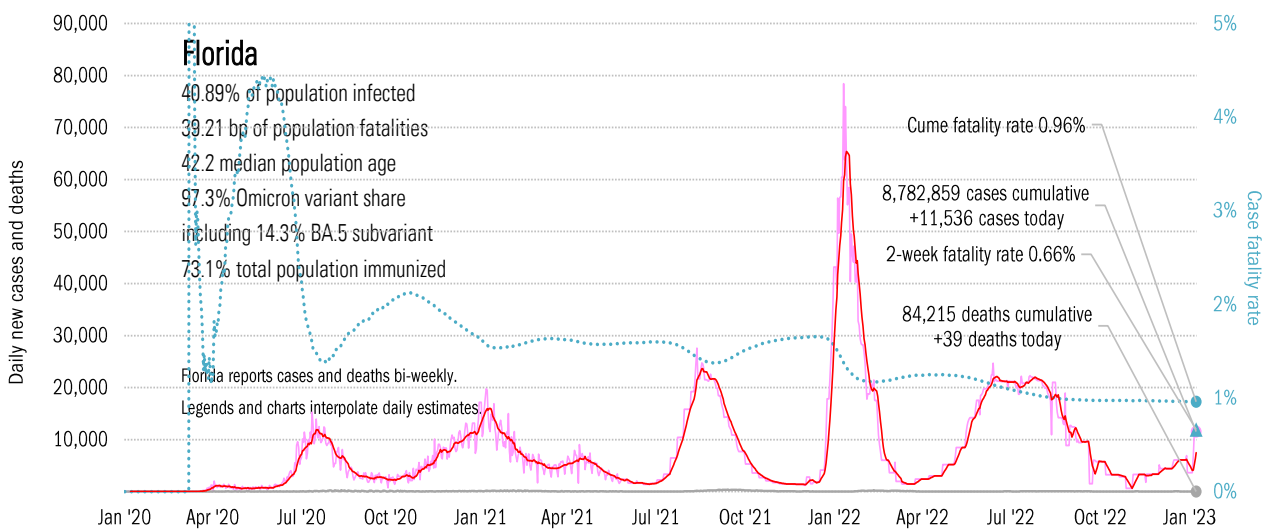
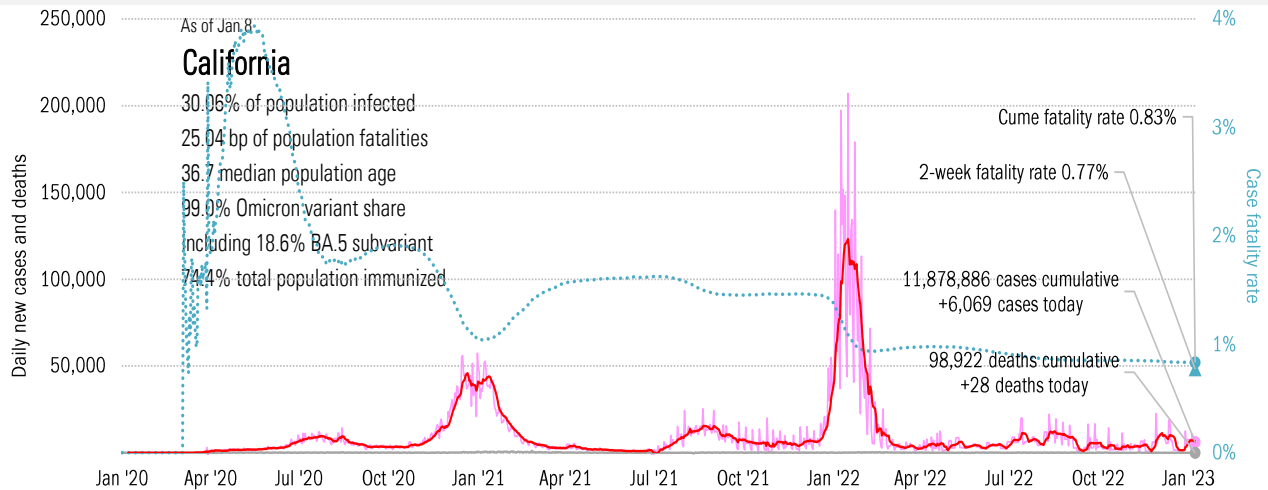
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

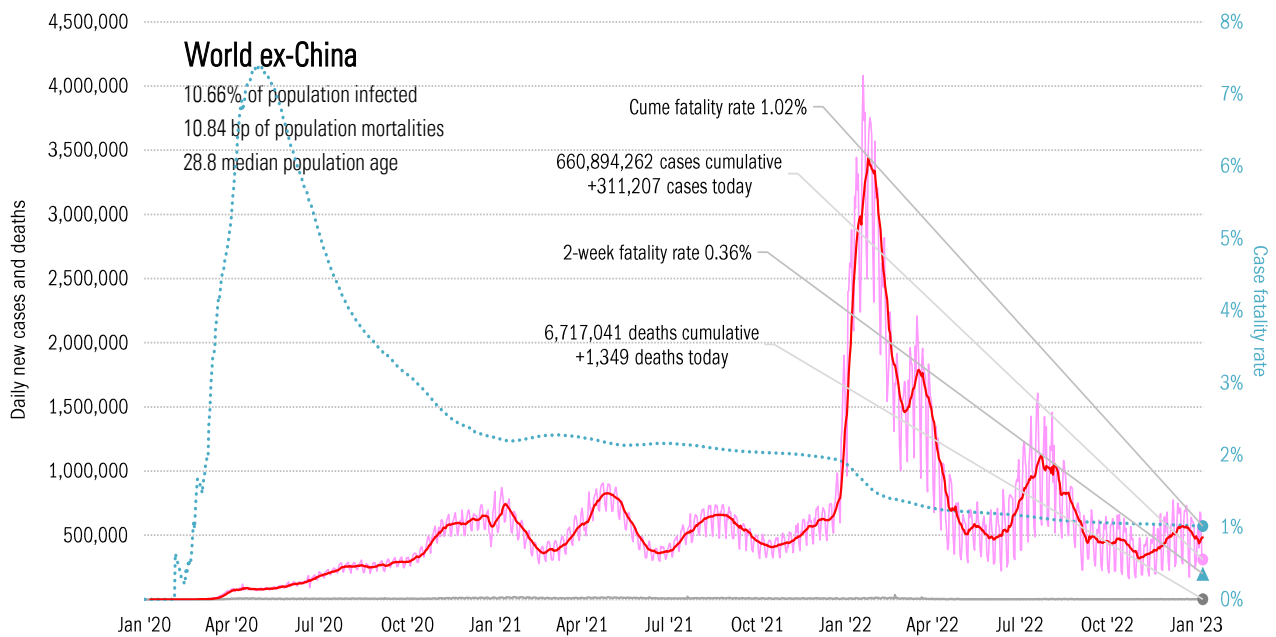
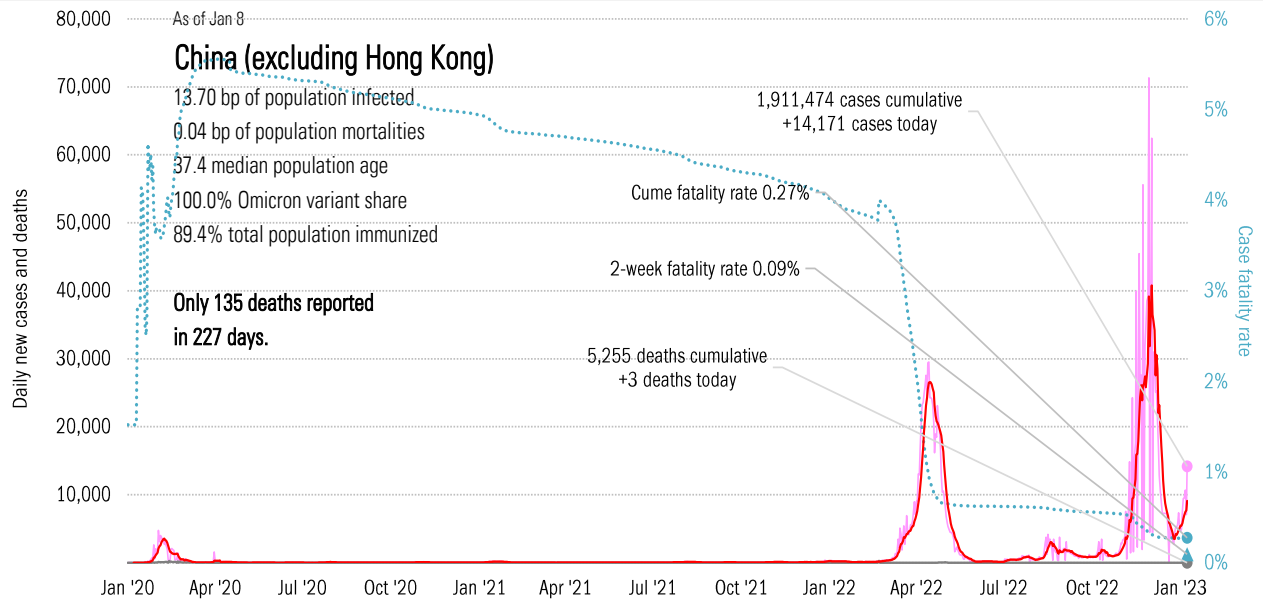
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

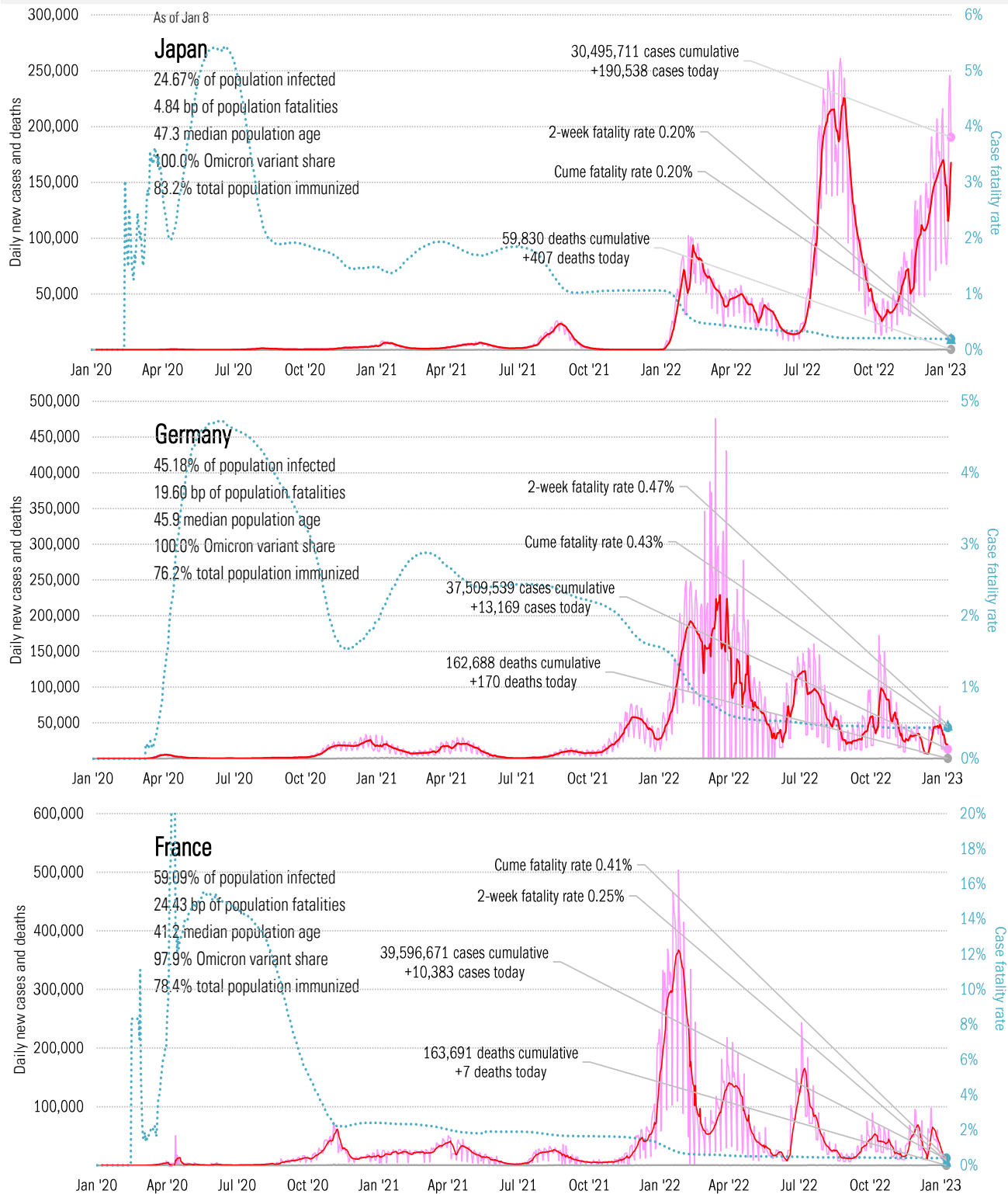
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

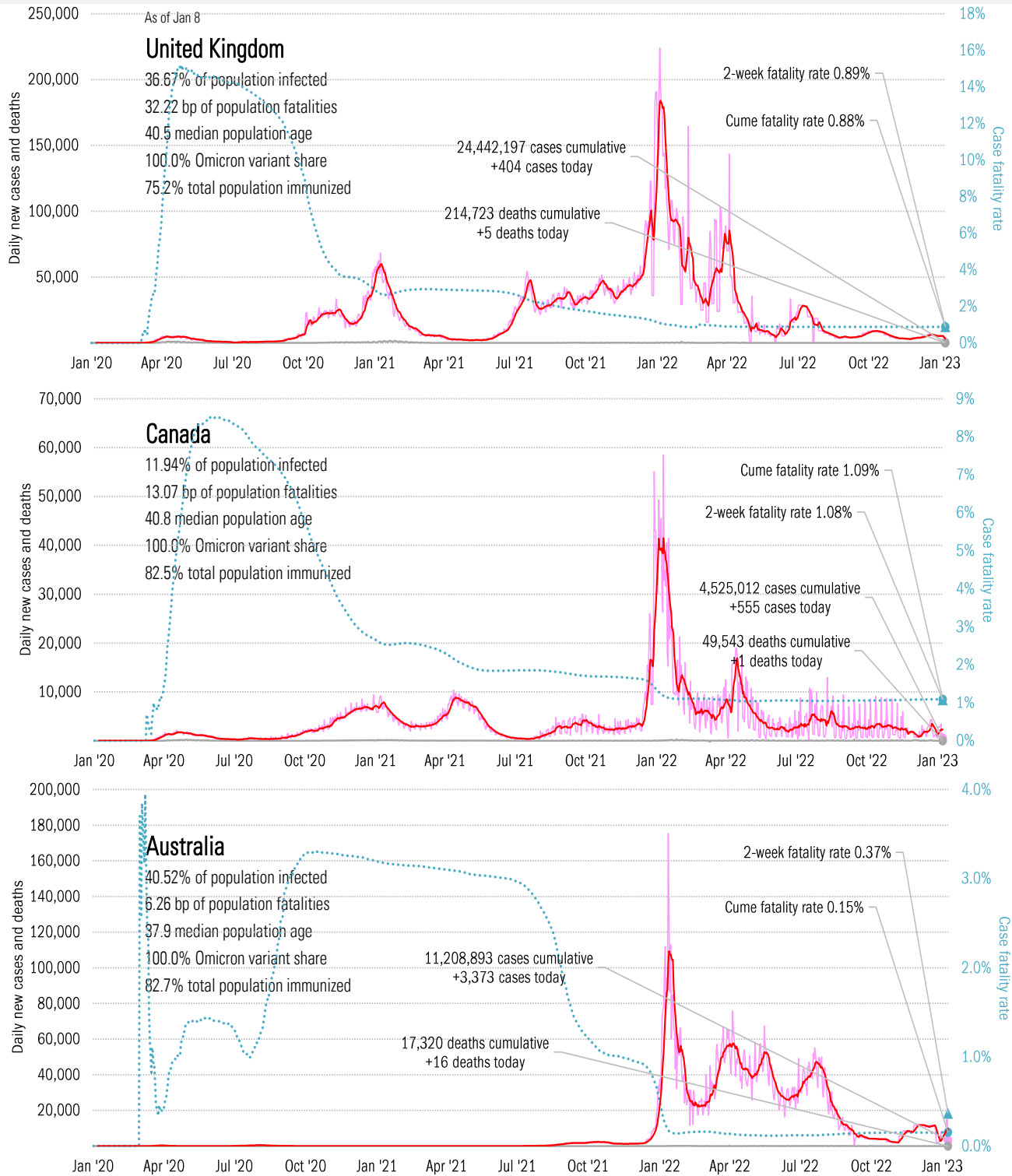
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

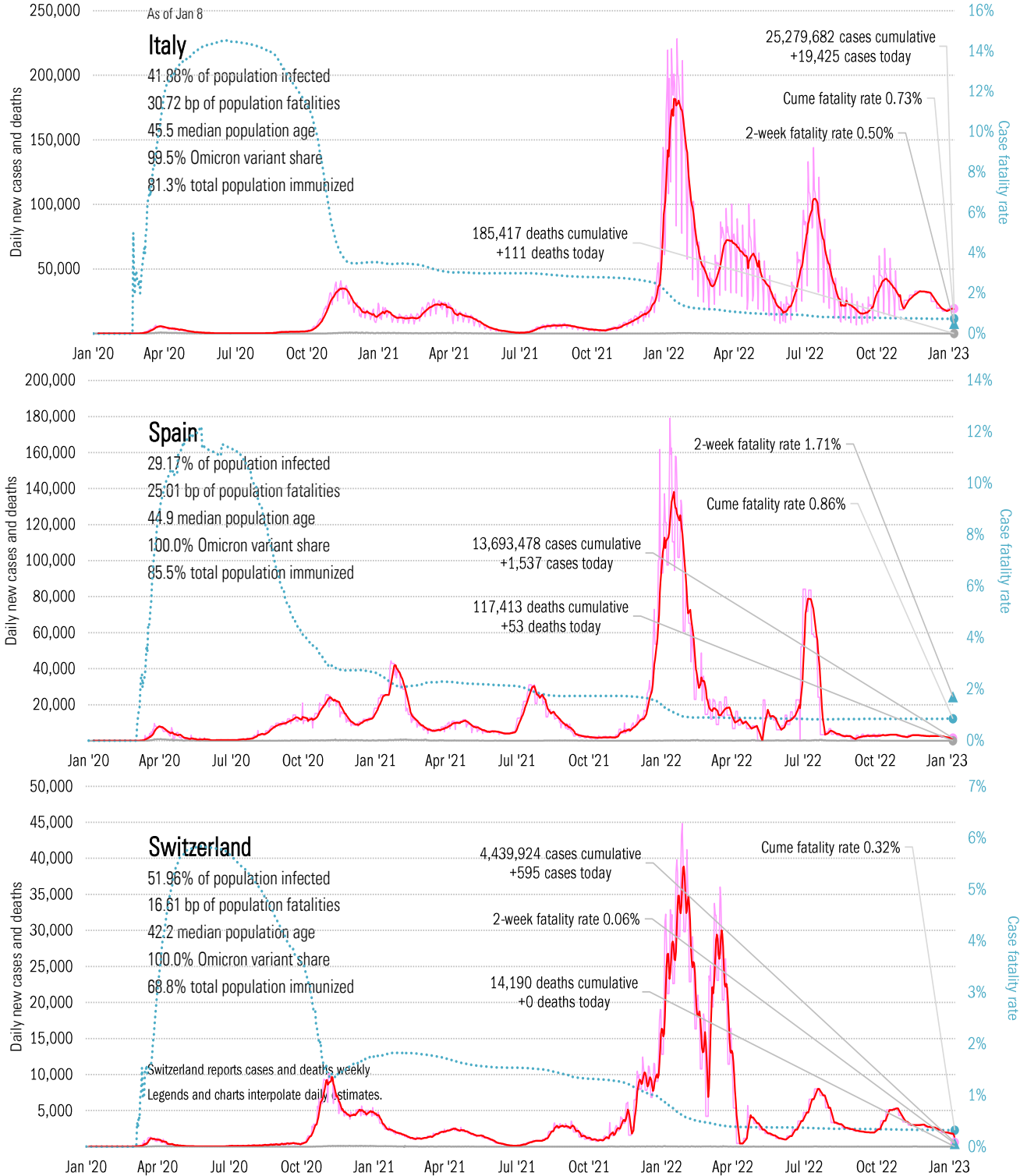
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

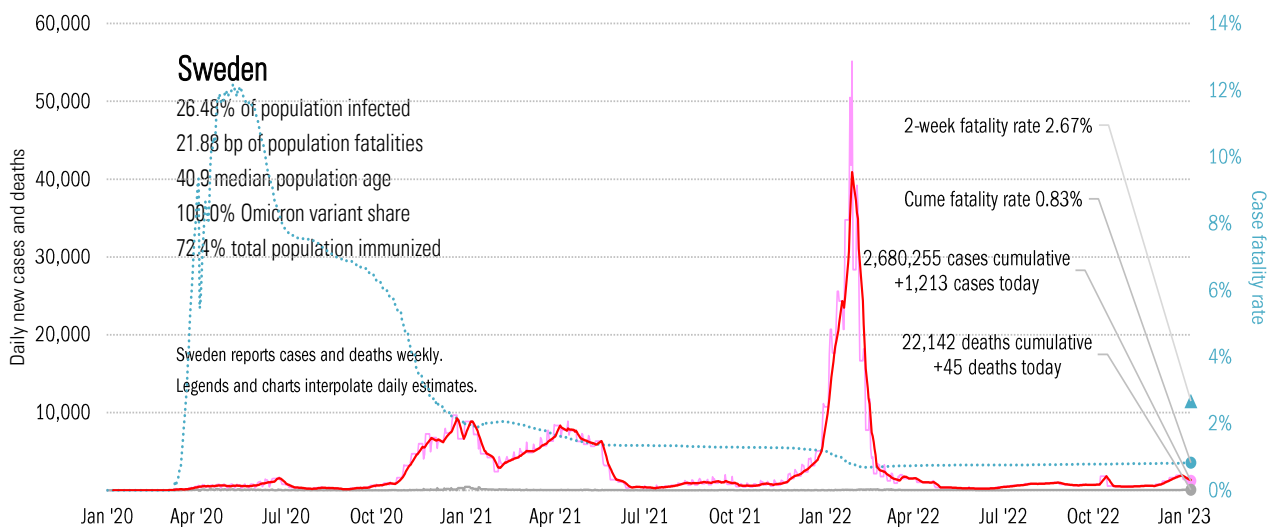
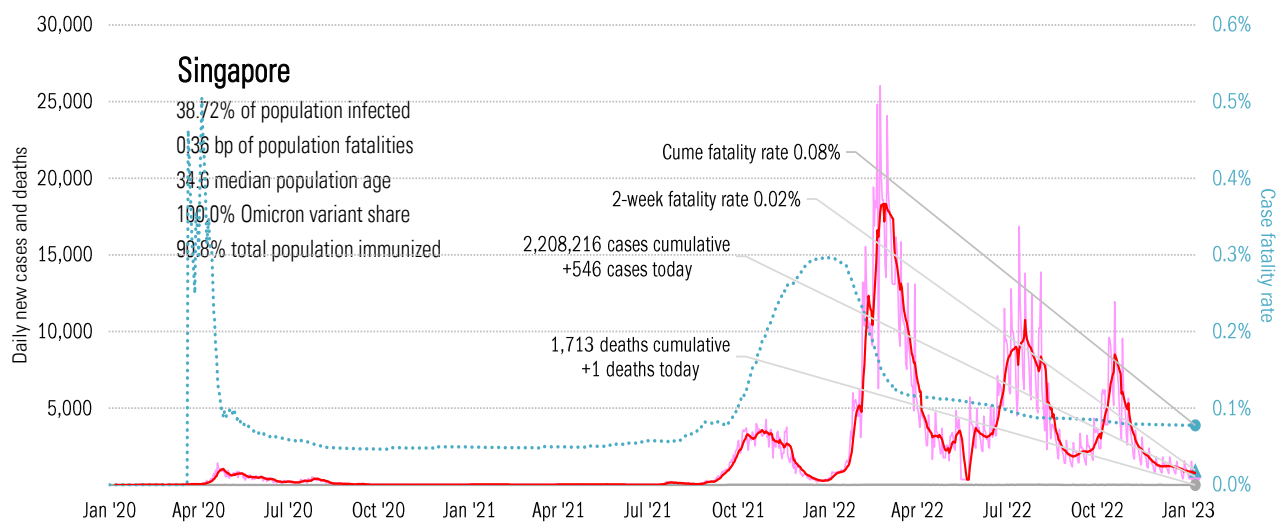
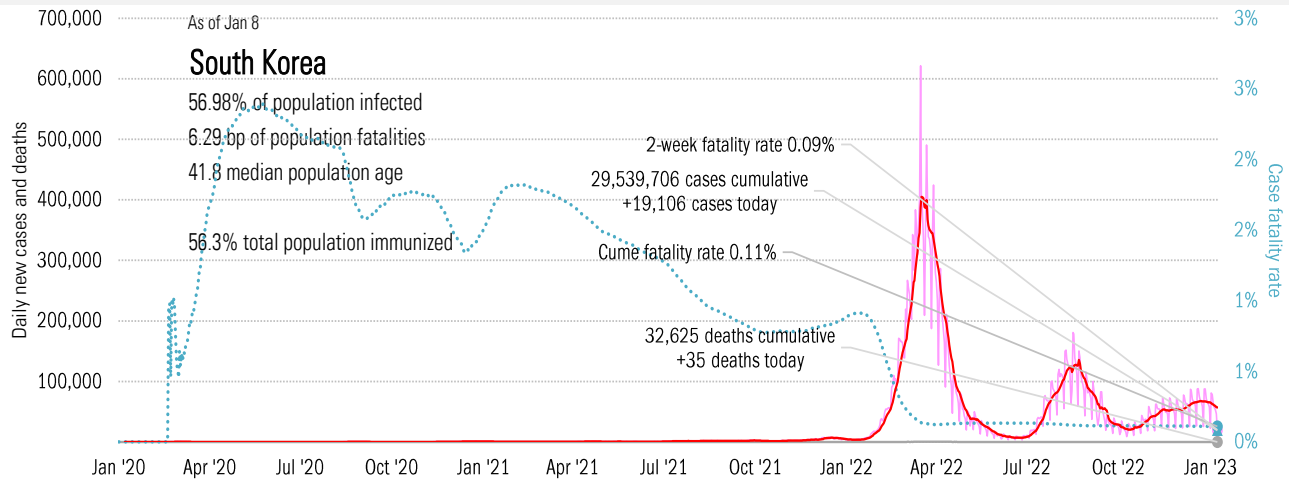
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

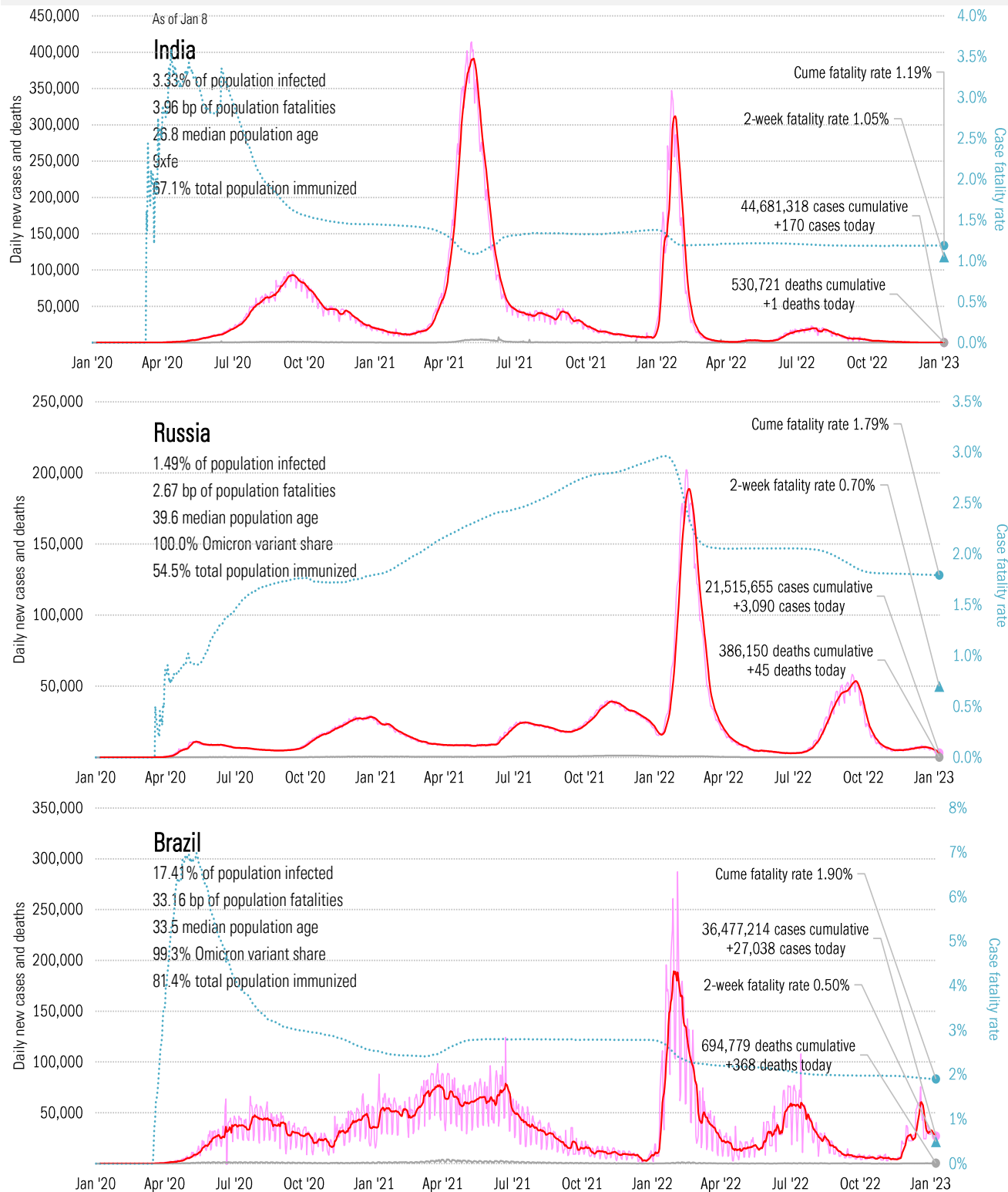
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

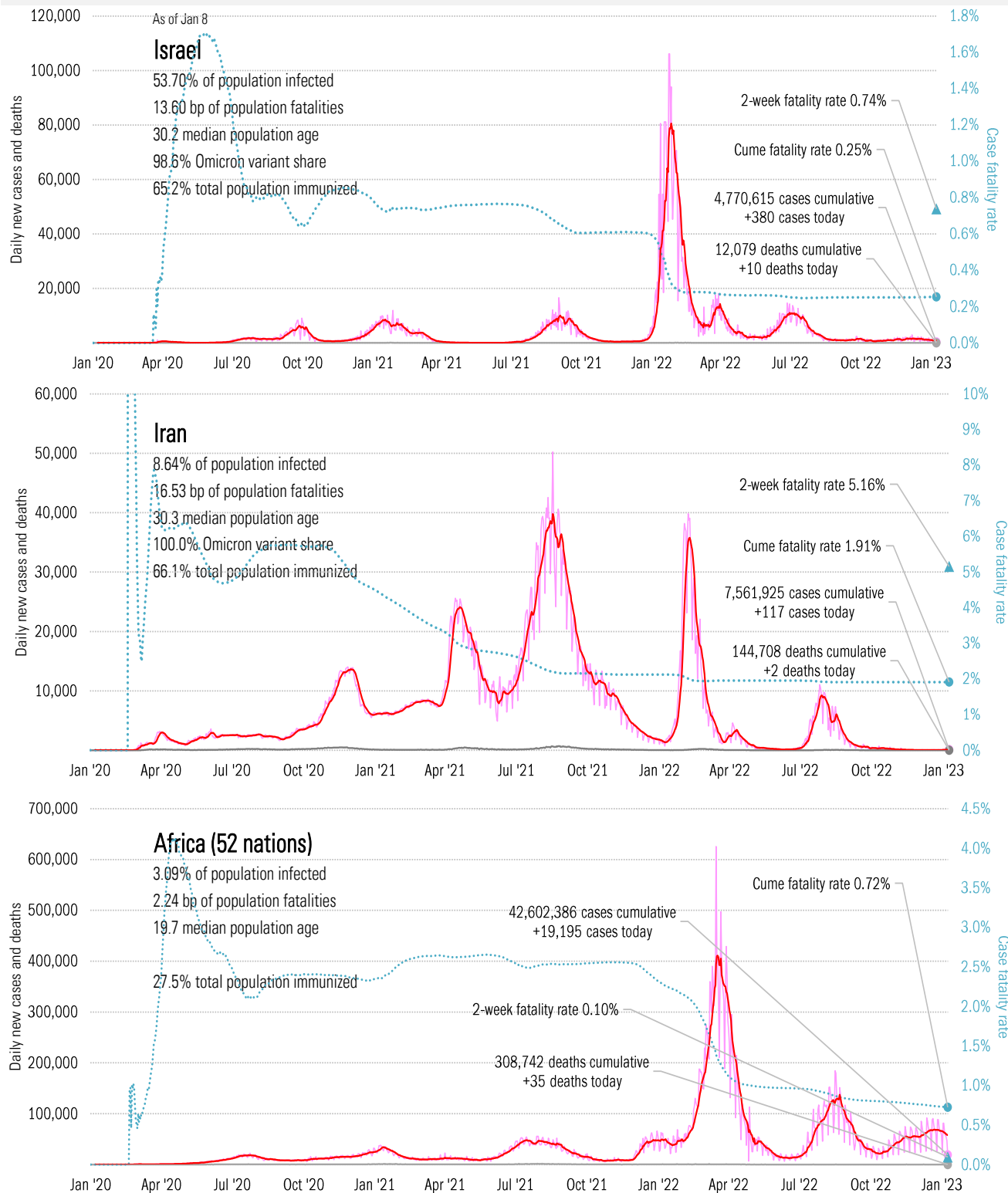
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

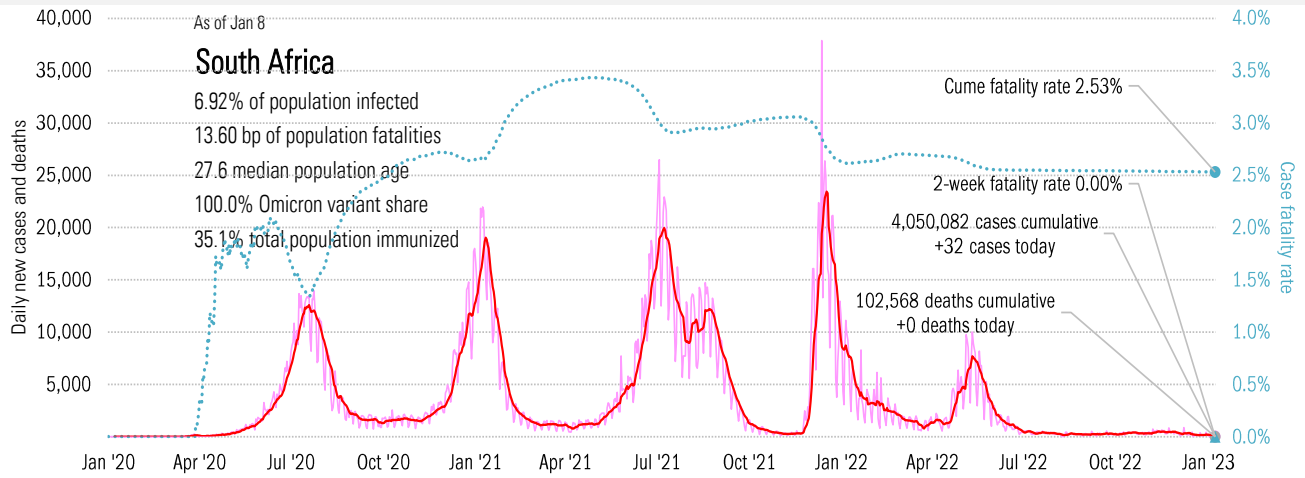
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), Trend Macro calculations