

Data Insights: Covid-2019 Monitor

Wednesday, January 25, 2023

The global scorecard

Cases: 7-day average and daily Deaths: Daily

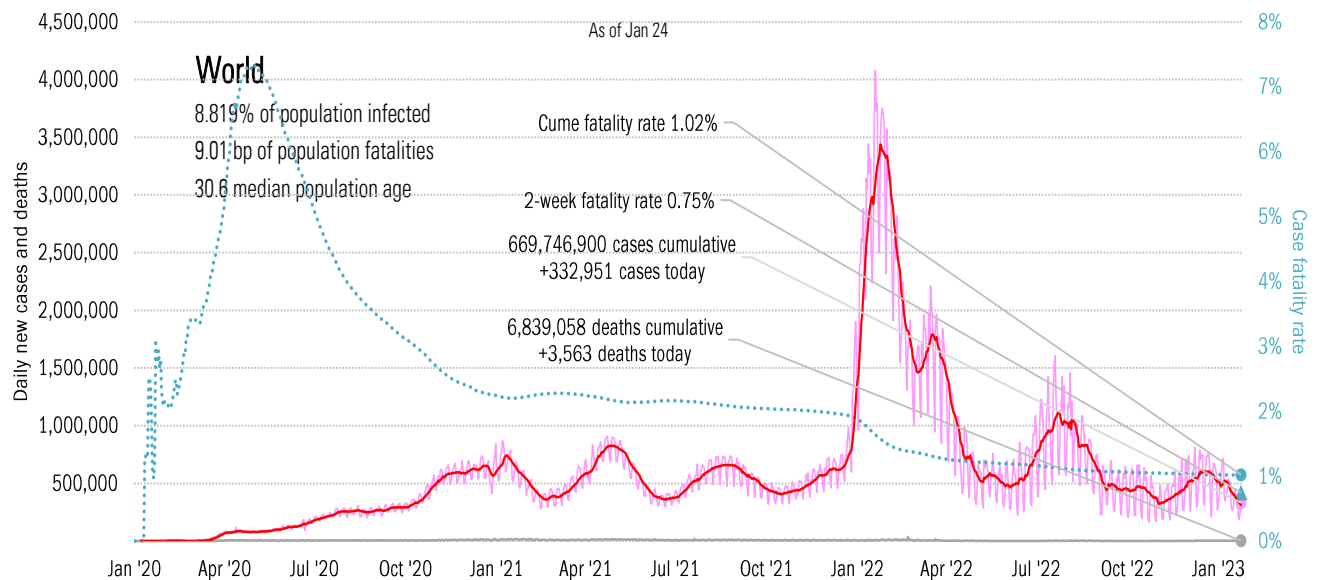
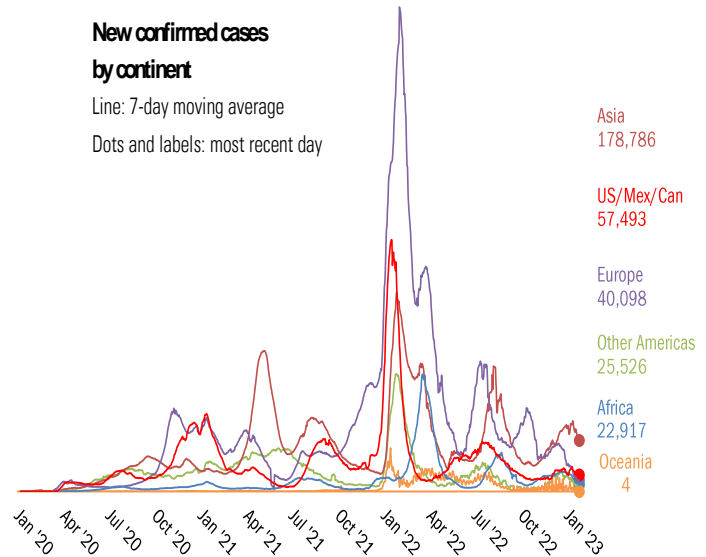
The worst ten countries (see China note page 14)

New cases		New Deaths	
Japan	93,801	China	1,808
China	67,391	United States	739
United States	47,945	Japan	307
Korea, South	19,538	Brazil	161
Taiwan*	14,858	Germany	157
Italy	7,413	Italy	71
Brazil	6,832	Australia	69
Mexico	5,528	Spain	61
Costa Rica	4,857	France	59
Russia	4,664	Mexico	58

New confirmed cases
by continent

Line: 7-day moving average

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

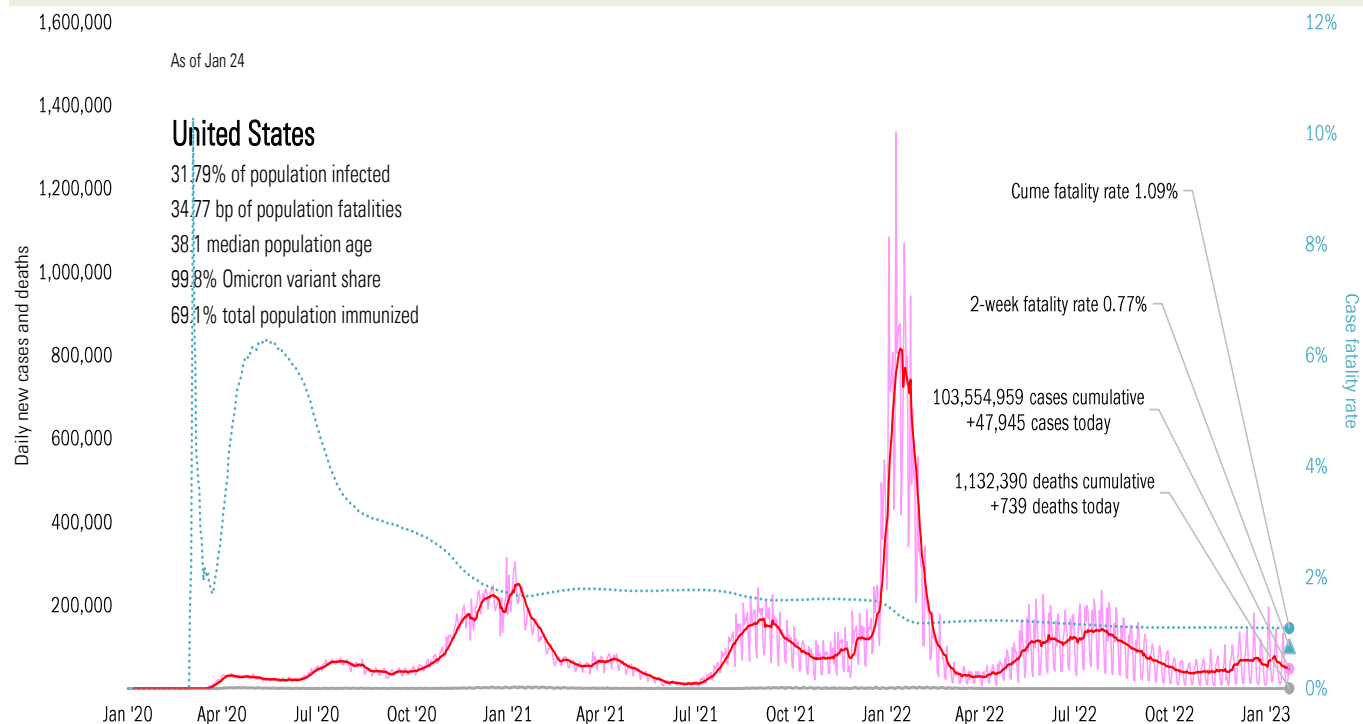
The ten worst US states

New cases		New deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital		Hospital use		ICU use	
FL	7,177	FL	107	VT	13	CA	11,961,763	CA	99,773	TX	579,637	RI	88%	TX	87%
SC	7,063	NY	91	PA	176	TX	8,331,374	TX	92,372	CA	554,831	DE	85%	NM	85%
CA	4,355	MO	53	ME	13	FL	7,443,954	FL	84,927	FL	524,312	MA	85%	AK	85%
NY	3,177	MI	37	SD	10	NY	6,689,884	NY	76,179	NY	345,736	DC	83%	AL	83%
NC	2,249	CT	37	NM	11	IL	4,008,844	PA	49,397	CH	240,184	MO	82%	RI	83%
NJ	2,091	MD	24	DE	18	PA	3,459,061	GA	41,772	GA	238,430	NH	82%	MA	82%
VA	1,516	SC	24	UT	17	NC	3,398,161	MI	41,445	PA	225,198	MN	81%	NC	82%
CO	1,295	MA	21	AK	5	CH	3,339,612	CH	41,249	IL	208,836	WA	80%	NH	82%
MA	1,200	IL	19	RI	13	MI	3,024,478	IL	40,980	MI	177,954	NC	80%	MO	80%
GA	1,189	PA	19	AS	0	GA	3,020,166	NJ	35,749	NJ	158,660	AK	80%	LA	80%
31,302		433		276		54,677,297		603,843		3,253,778					
All states	47,945	739		3,690		All states	103,554,959	1,132,390		5,900,502		All states	70%	67%	
Top ten	65%	59%		7%		Top ten	54%	55%		55%		Median	76%	74%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-8,050	NY	-52	NY	-140
NJ	-2,976	WI	-12	CA	-94
WI	-635	WV	-6	TX	-45
CA	-370	NJ	-2	KY	-39
WV	-350	NM	-2	MO	-27



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

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today			Immunity	Full	Partial
Doses	684,488,377		+0.192 million			US	69.1%	80.9%
			Of which boosters: +0.157 million			UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%	80.6%
Total population	277,177,672	83%	236,331,846	71%	+0.022 million	Spain	85.6%	86.9%
Age 12 to 17	18,436,781	73%	15,783,816	62%	+0.001 million	Germany	76.2%	77.8%
Age 18 to 64	184,313,168	91%	156,693,936	77%	+0.012 million	Italy	81.3%	86.2%
Age 65 and over	60,998,716	100%	53,444,575	98%	+0.004 million	Australia	82.7%	84.9%
						Israel	65.2%	71.1%
						Canada	82.6%	90.3%
						Japan	83.3%	84.4%
						Africa	28.0%	33.9%
						India	67.1%	72.5%
						Brazil	81.4%	87.8%
						China	89.5%	91.9%

Other
3%

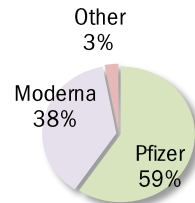
Moderna
38%

Pfizer
59%

AK

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

Global data differs due to sources, timing



AK
72.9%
65.0%

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

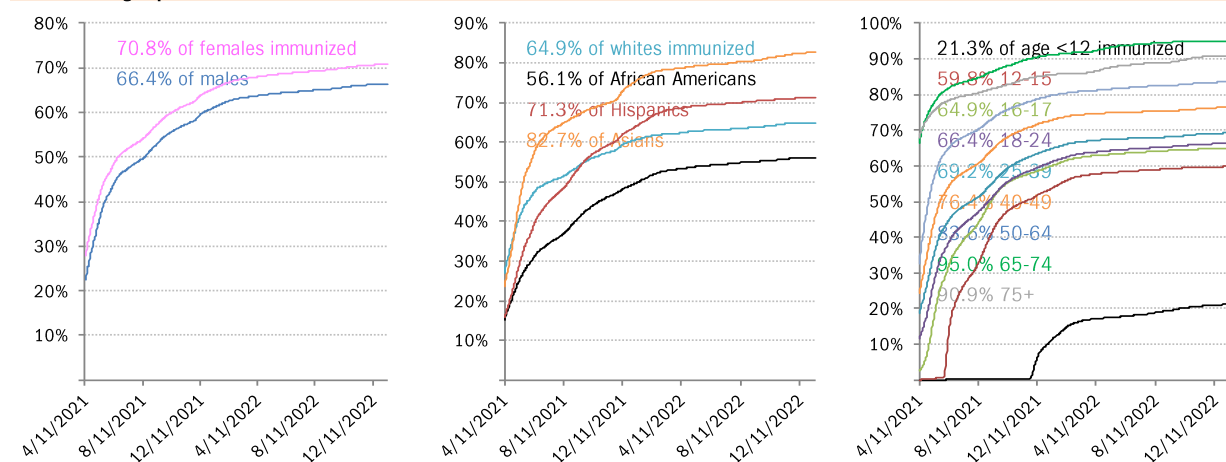
"Immunity" = two doses

Best
Middle
Worst

As of Jan 20

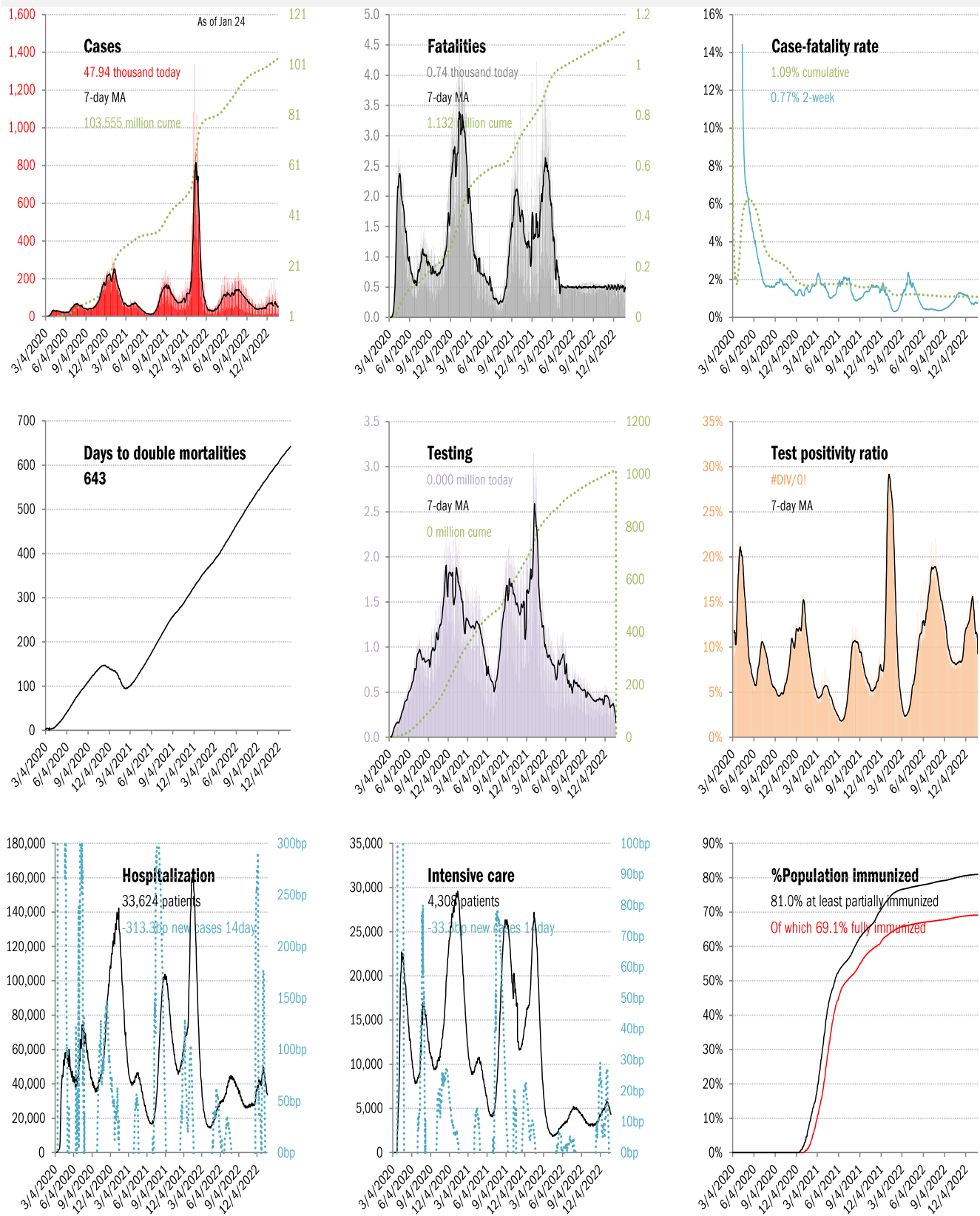
					WI						ME
					75.0%						95.0%
					68.1%						83.2%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH	
85.1%	63.8%	68.2%	69.2%	78.6%	79.0%	69.3%		94.3%	95.0%	88.0%	
75.9%	56.4%	59.1%	58.5%	72.0%	71.1%	62.2%		80.6%	85.5%	71.8%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA		
81.4%	77.5%	60.8%	83.6%	70.5%	64.3%	65.6%	90.4%	94.5%	95.0%		
72.2%	63.6%	53.0%	66.1%	64.3%	57.7%	60.4%	73.2%	79.0%	84.1%		
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI	
84.6%	75.1%	83.5%	73.3%	69.2%	68.7%	67.4%	90.8%	91.5%	95.0%	95.0%	
74.5%	66.6%	73.3%	66.1%	58.9%	59.5%	59.6%	76.5%	79.6%	82.9%	87.5%	
	AZ	NM	KS	AR	TN	NC	SC	DC	DE		
	77.3%	94.2%	76.0%	69.8%	64.3%	91.9%	70.9%	95.0%	88.0%		
	65.9%	75.0%	65.2%	56.8%	56.2%	67.0%	59.8%	90.1%	73.2%		
			OK	LA	MS	AL	GA				
			74.5%	62.7%	61.5%	64.9%	68.3%				
			60.4%	55.0%	53.6%	53.1%	57.2%				
			TX					FL		PR	
			76.2%					82.3%		90.8%	
			63.1%					69.3%		83.9%	

The demographics of US vaccination

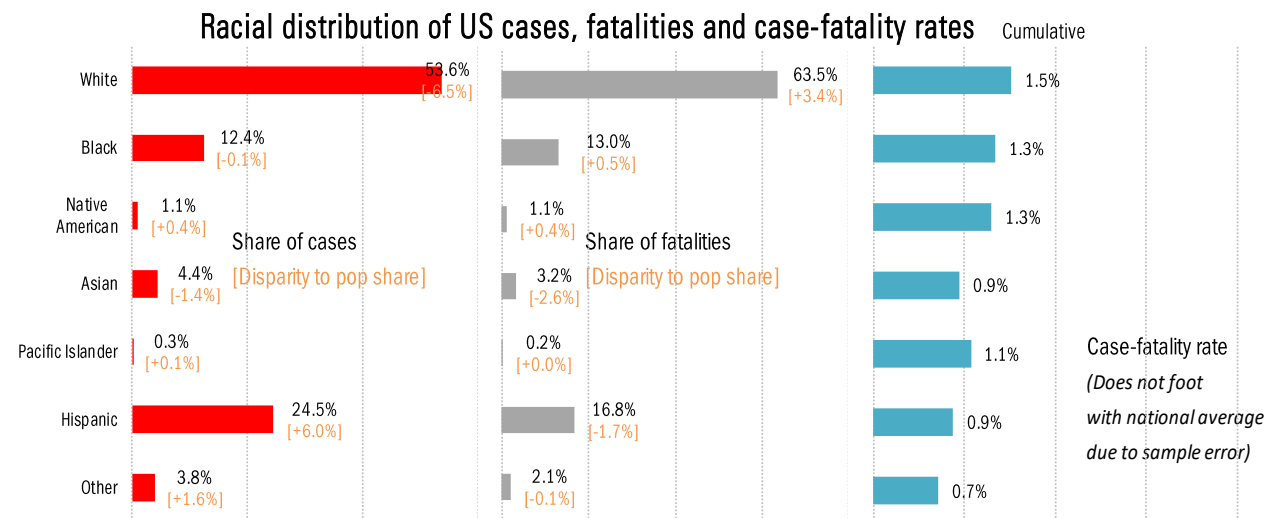
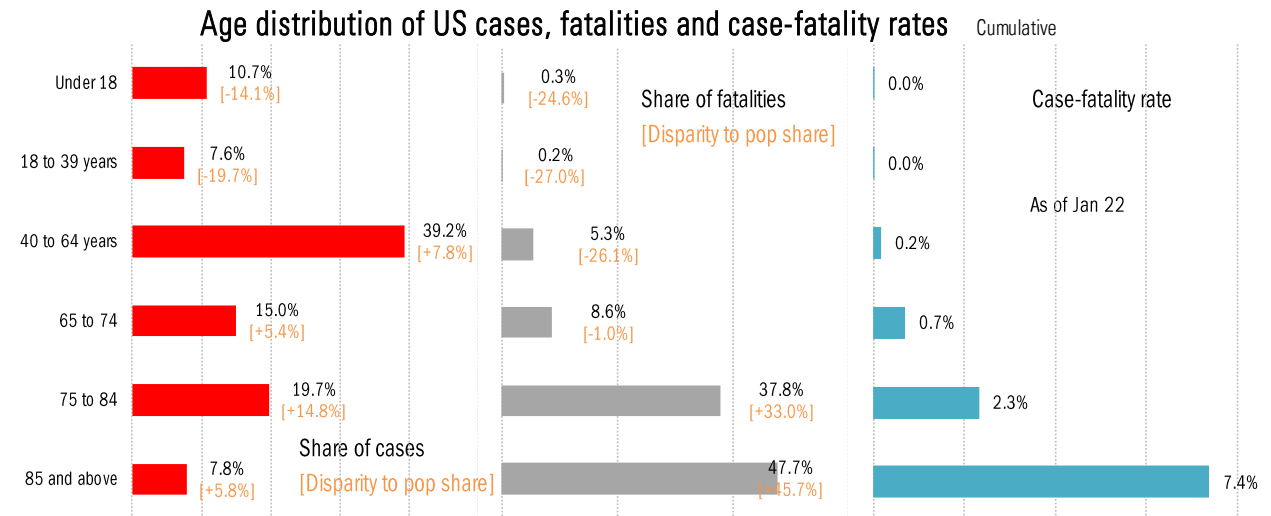


Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

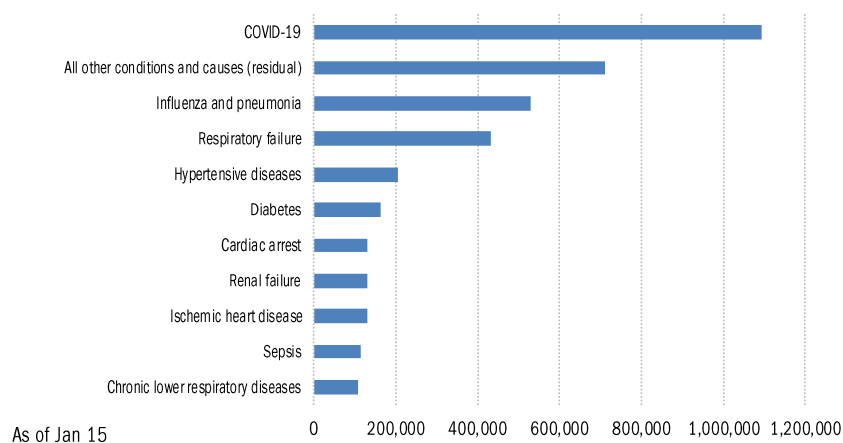


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



Comorbidities

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 Doomsday Clock moves to 90 seconds to midnight, signaling more peril than ever](#)

Bill Chappell

NPR

January 24, 2023

[URGENT: Deaths in England surge again](#)

Alex Berenson

Unreported Truths

January 24, 2023

[FDA emails show how vaccine leader questioned 'hyper-accelerated' 2021 review of Pfizer shot](#)

Zachary Brennan

Endpoint News

January 24, 2023

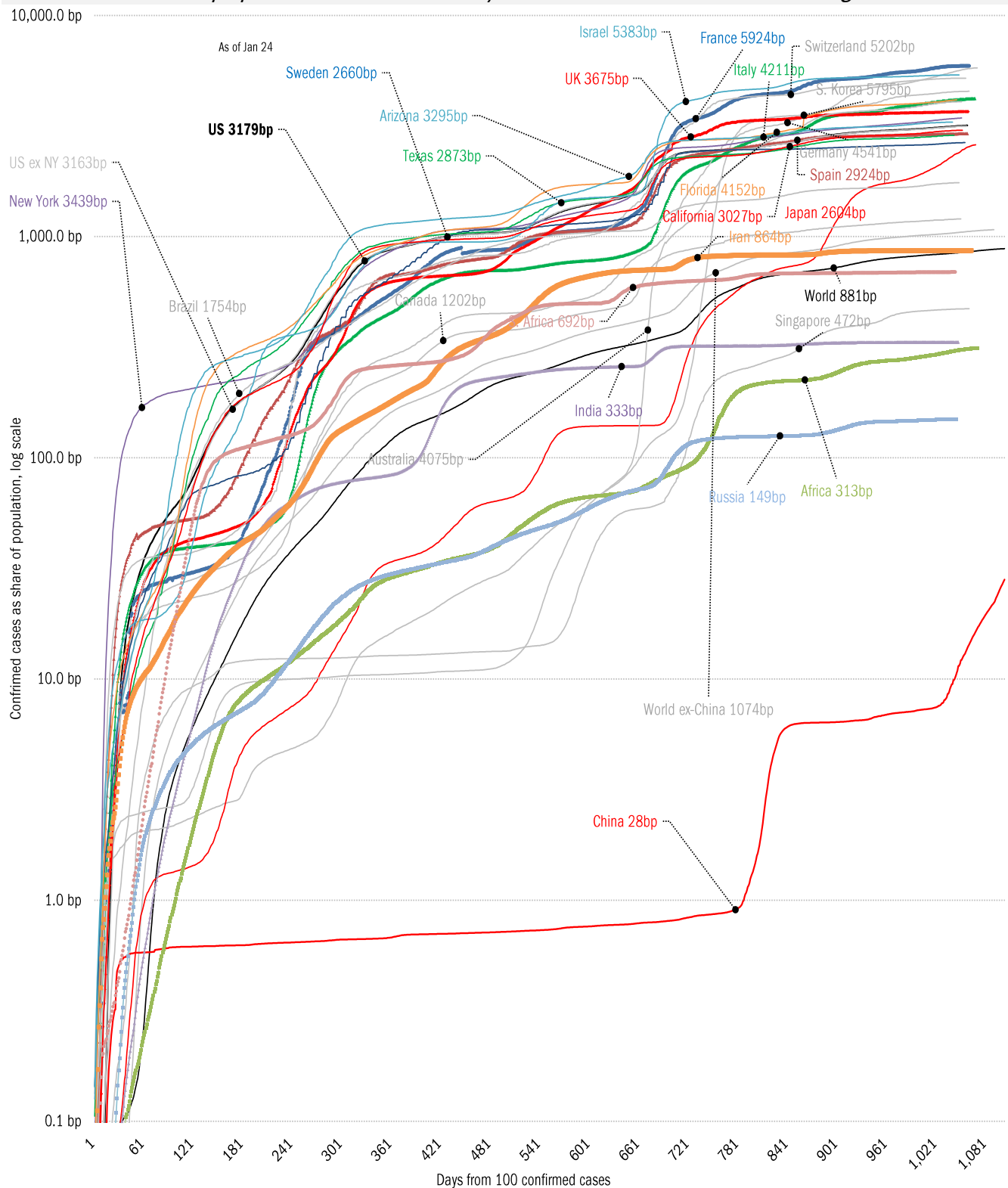
Meme of the Day



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

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

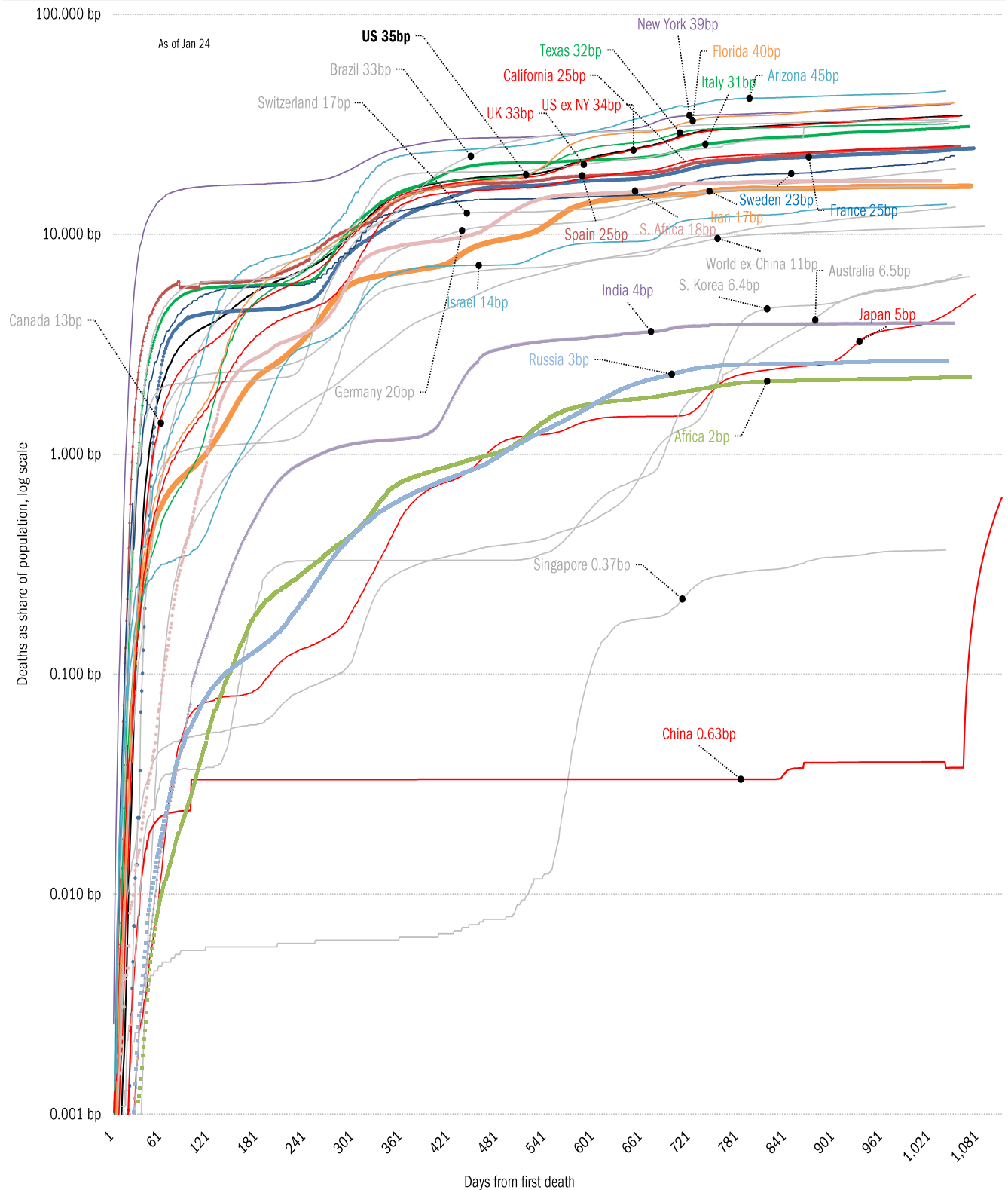
Share of infected population from first day with 100 confirmed cases, log scale



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

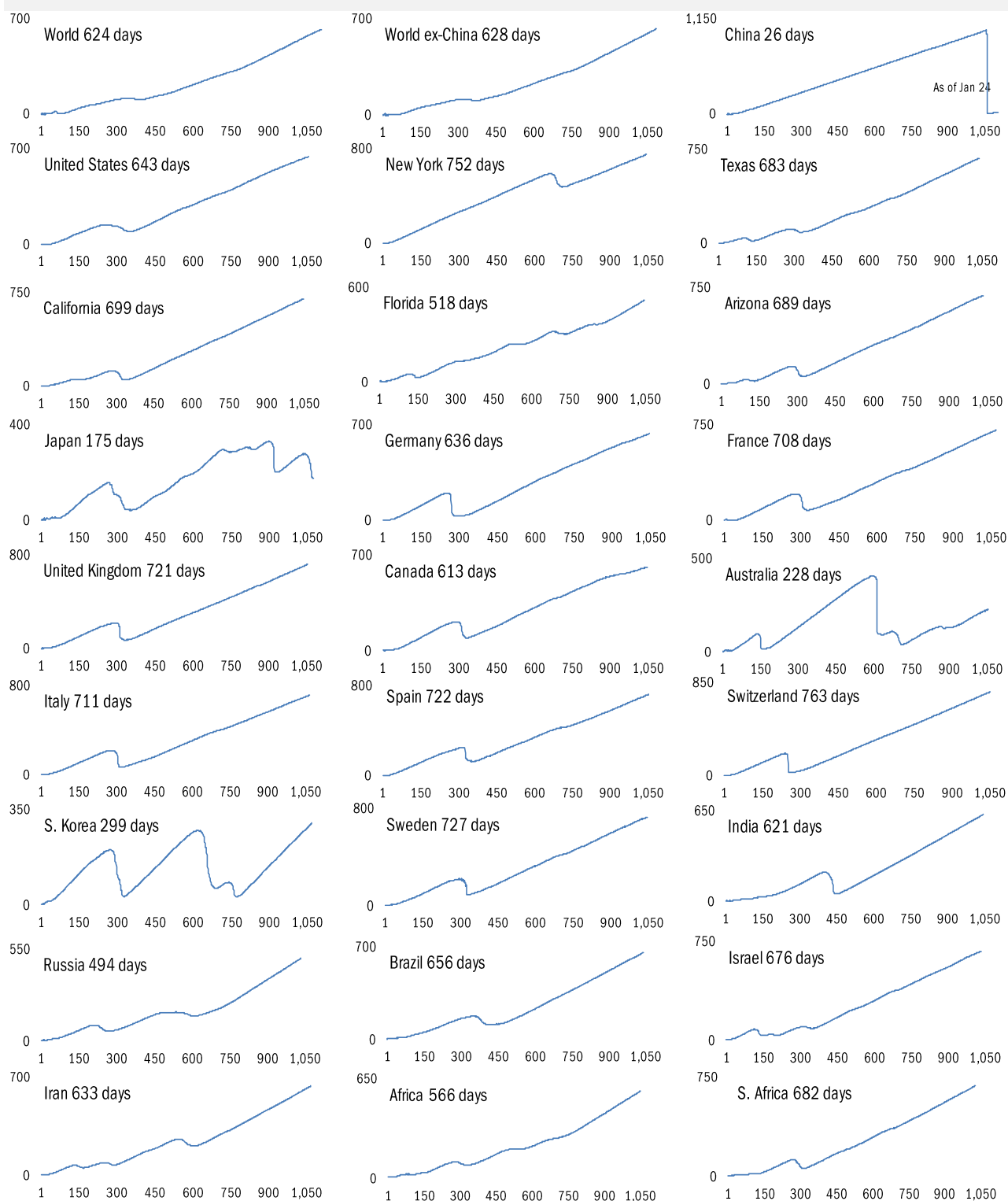


Source: [Johns Hopkins](#), TrendMacro calculations

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

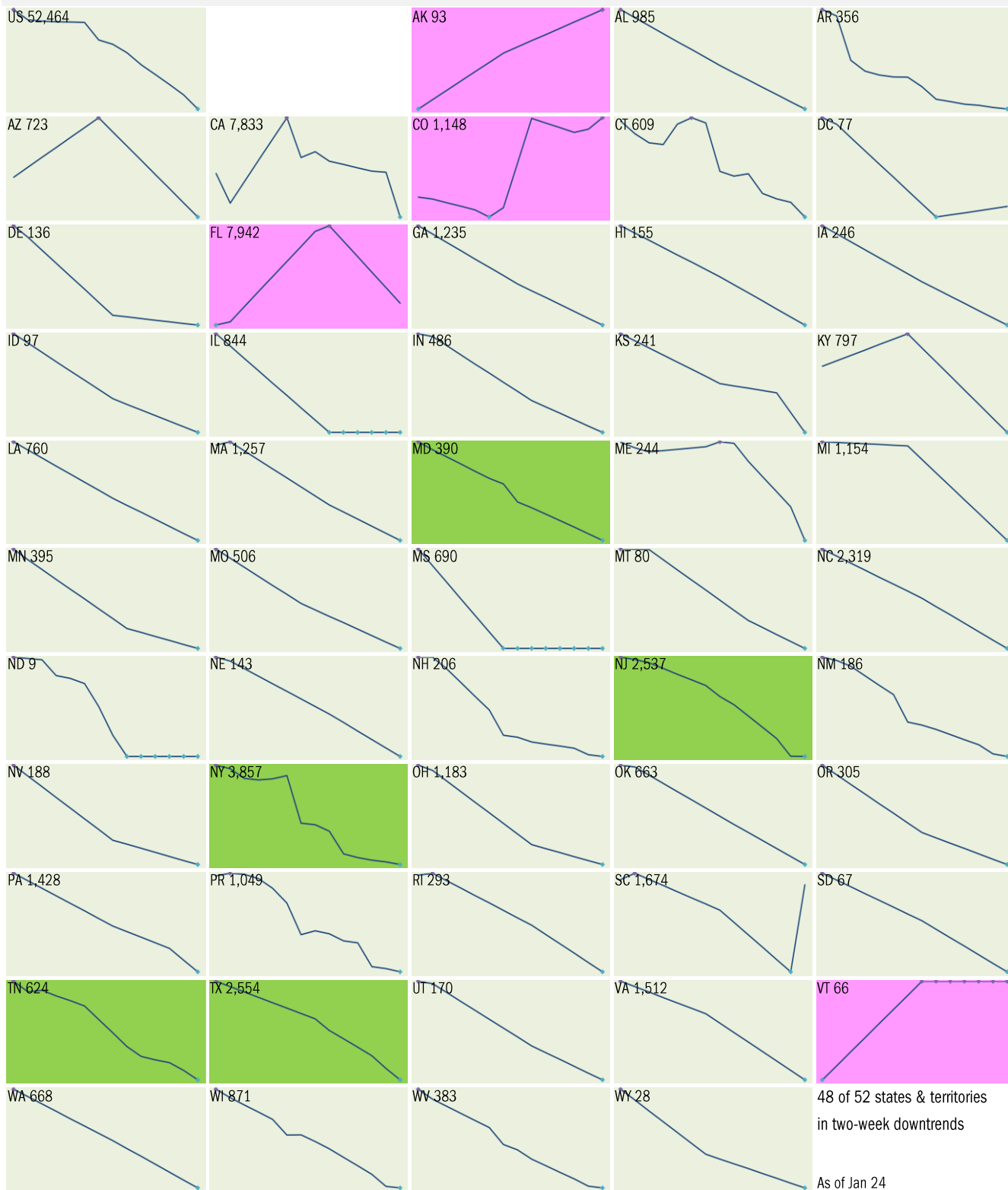


Source: [Johns Hopkins](#), TrendMacro calculations

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

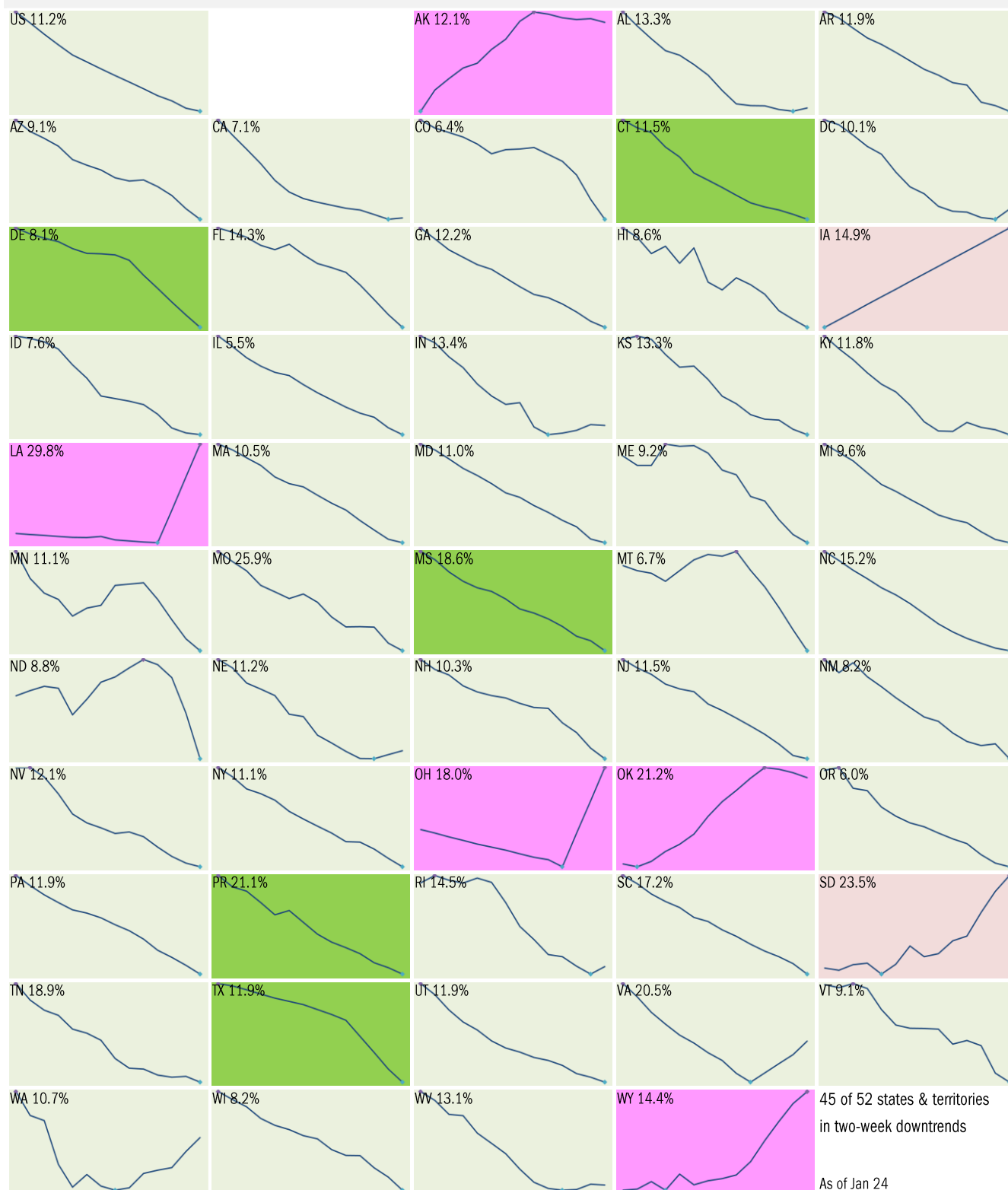


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

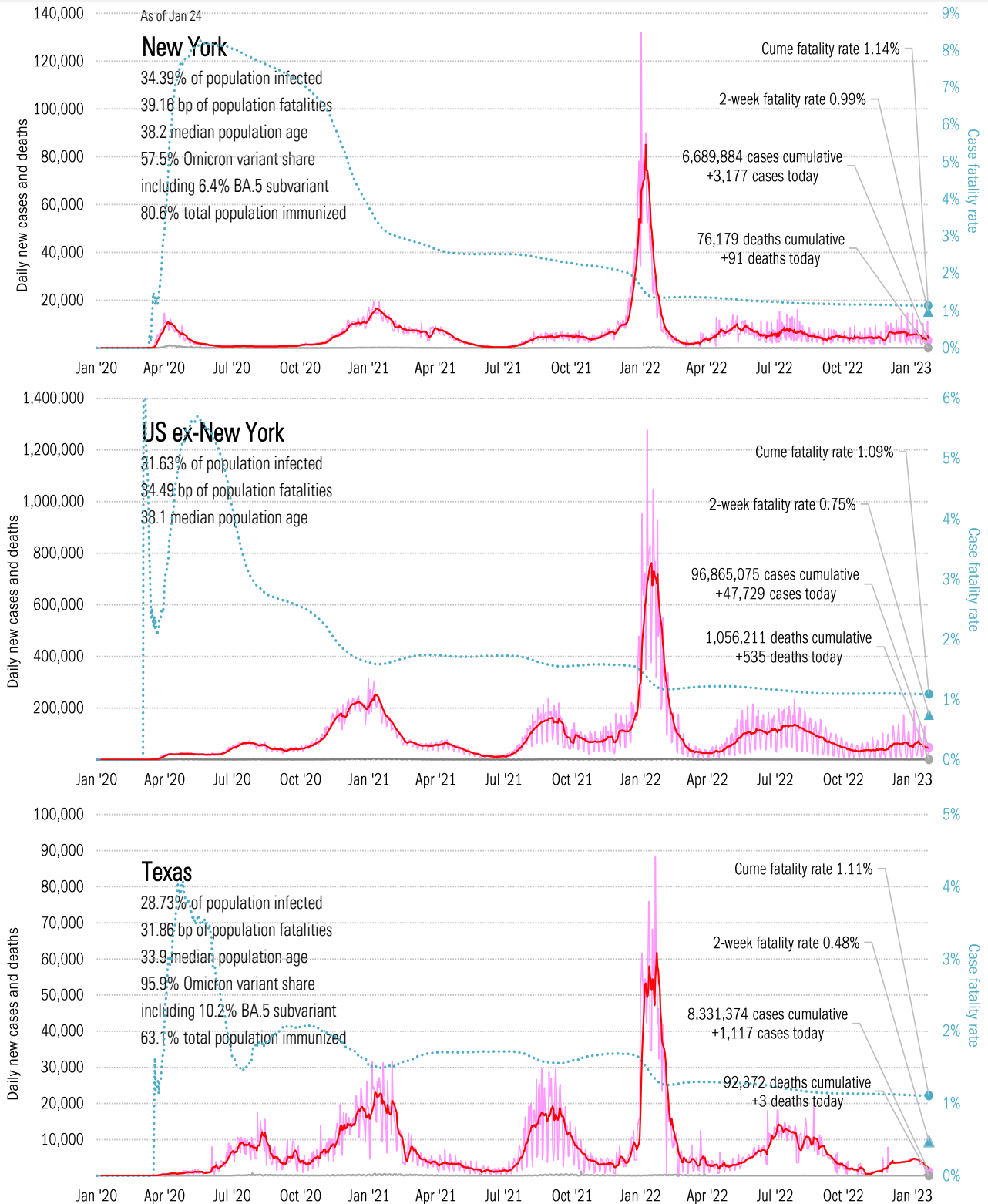
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

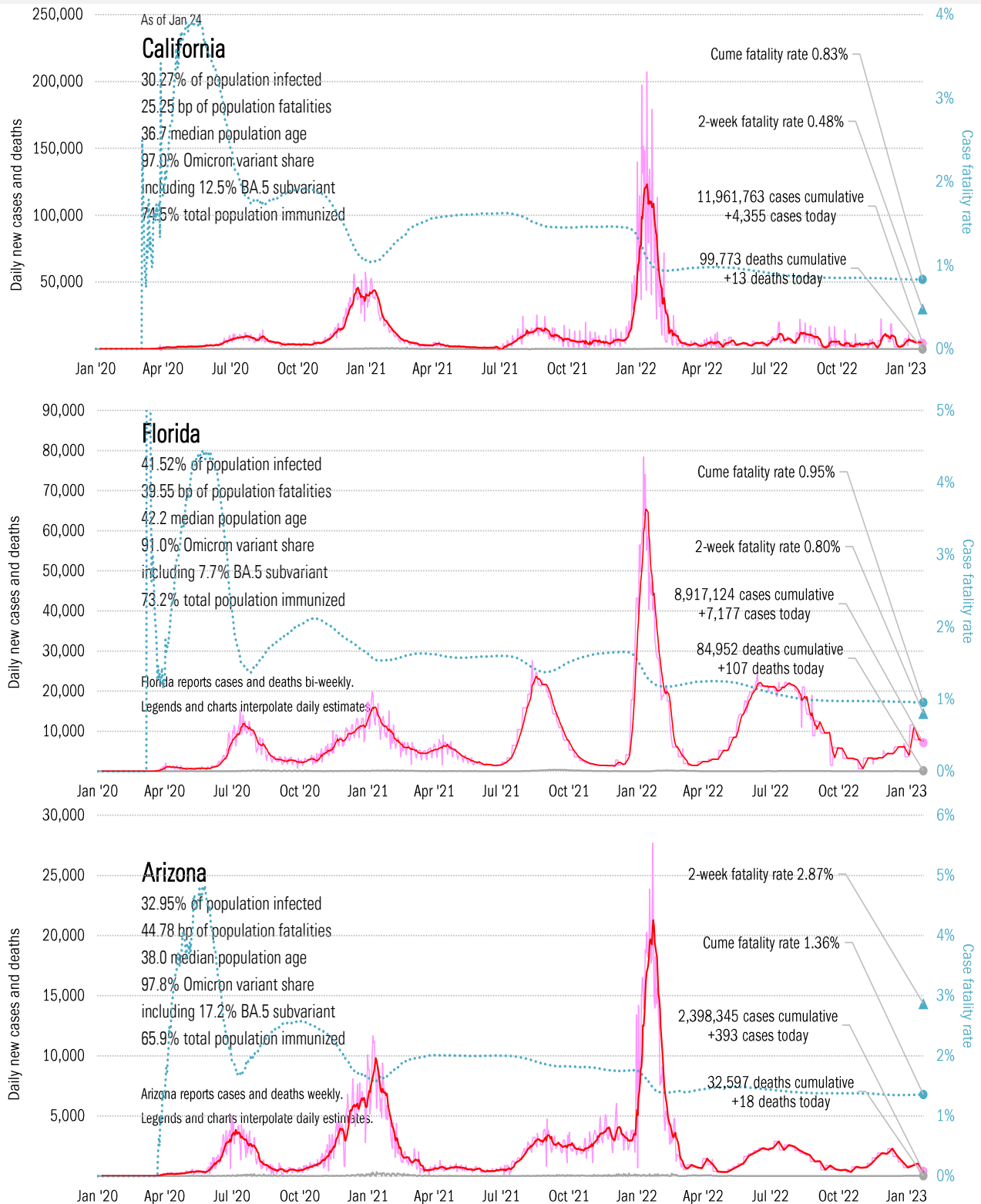
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

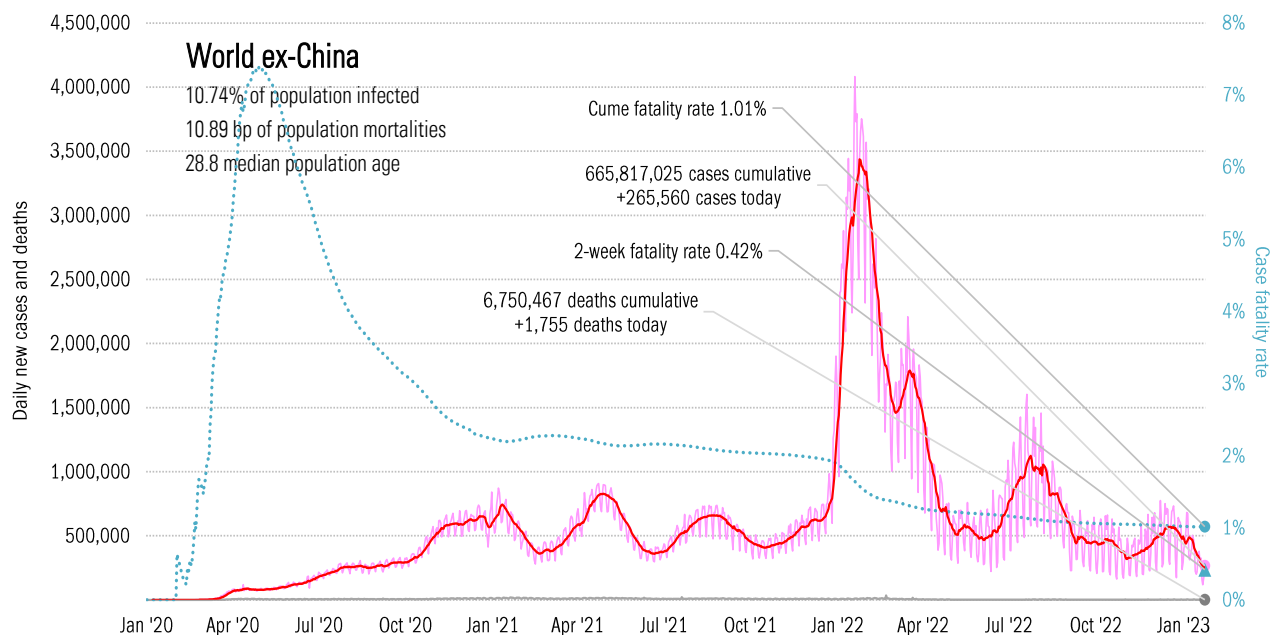
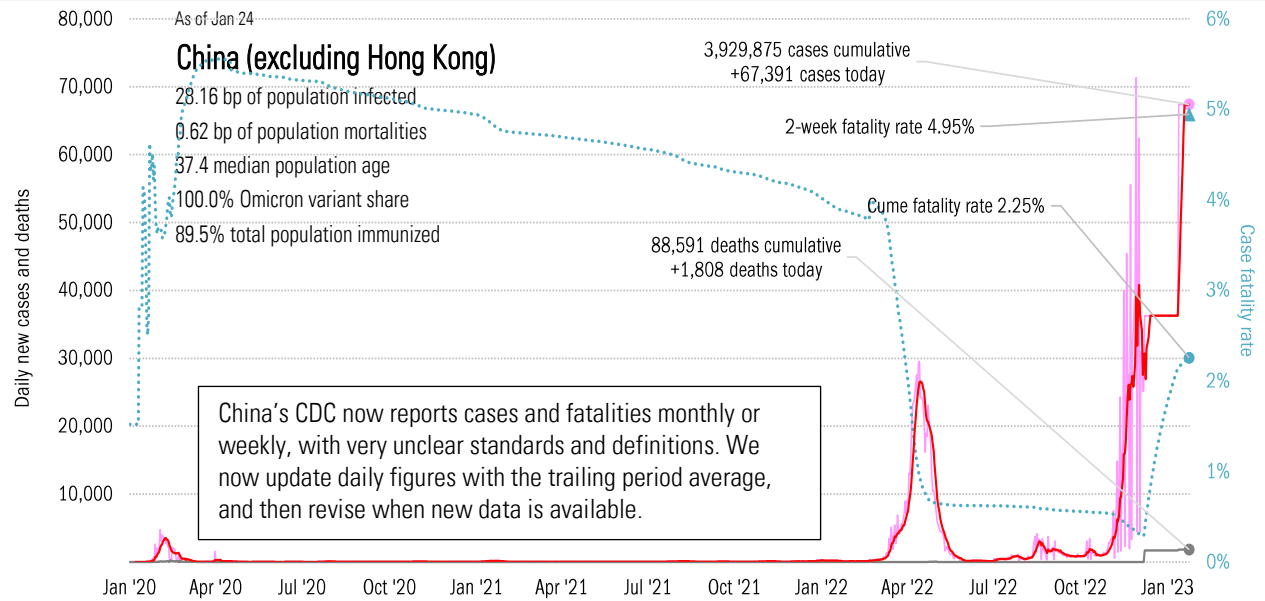
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

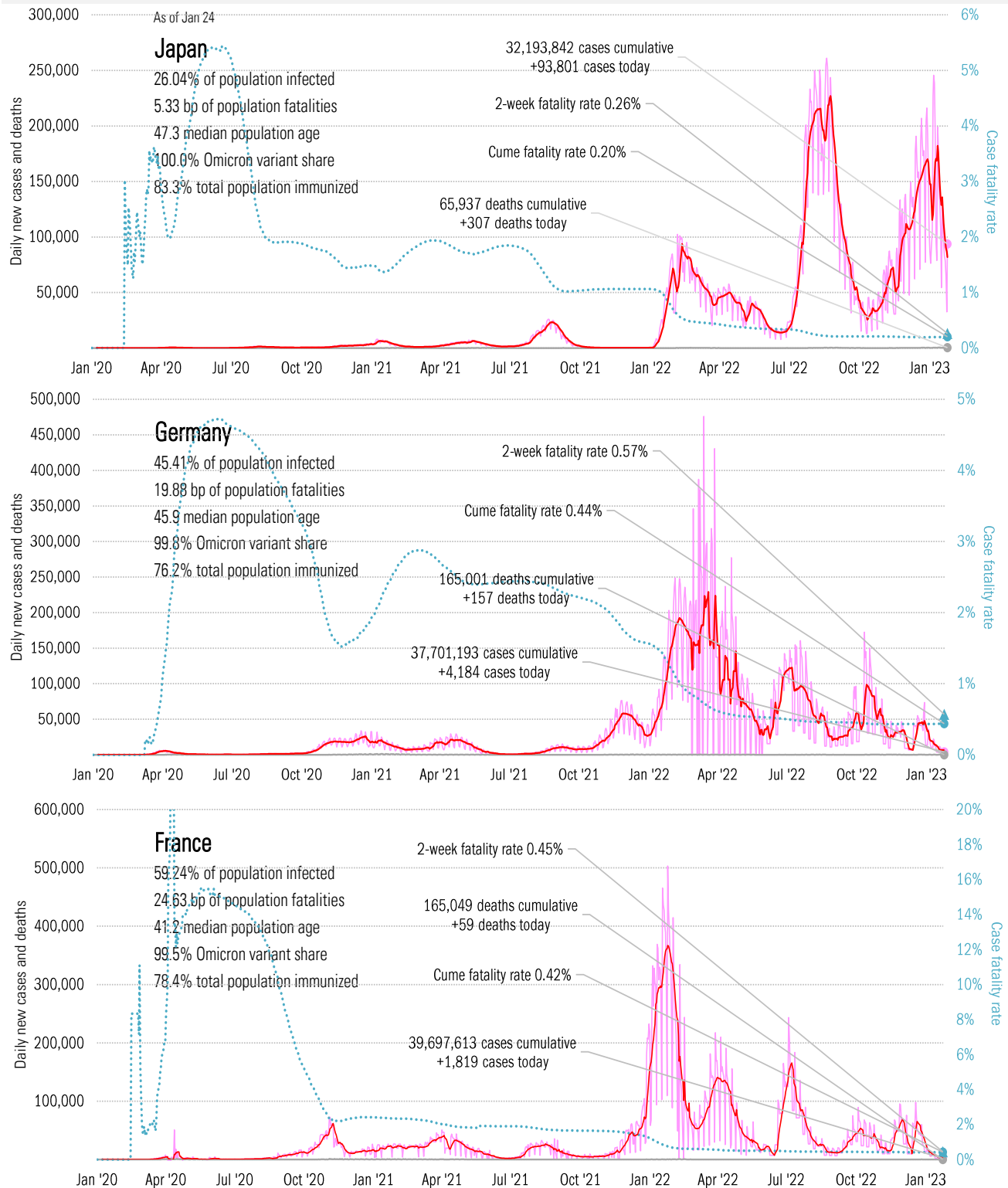
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

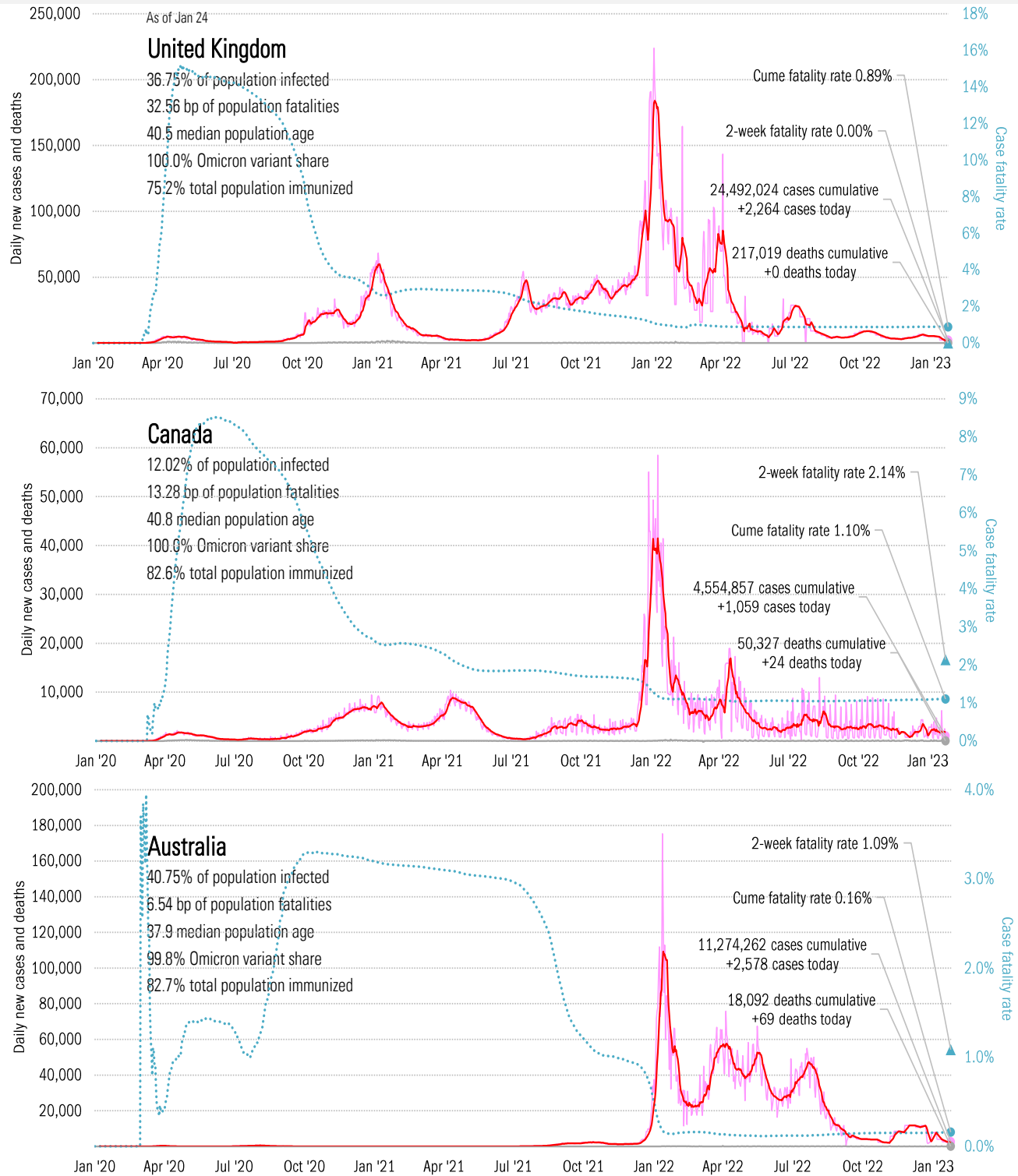
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

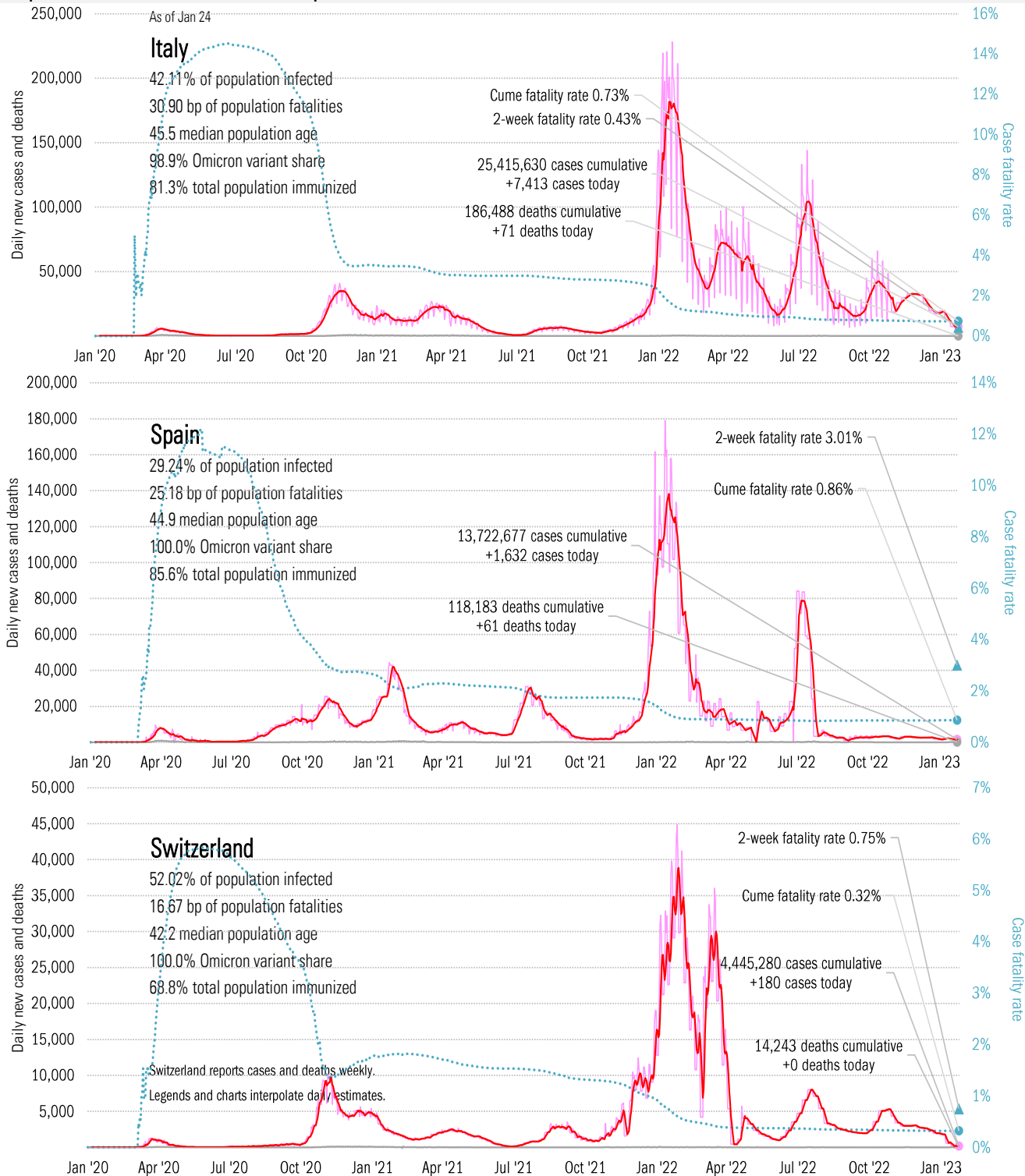
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

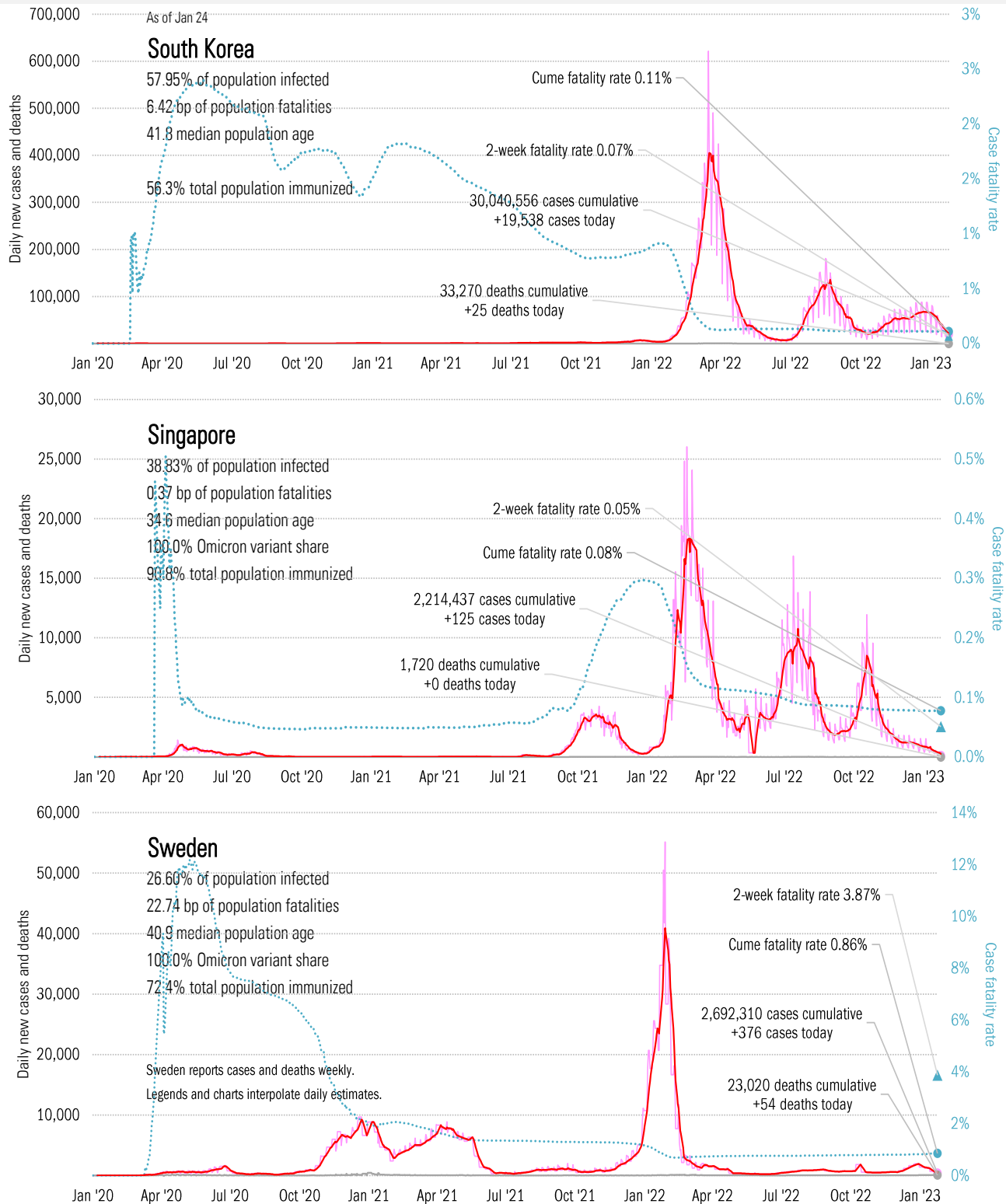
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

Cases: 7-day average and daily Deaths: Daily

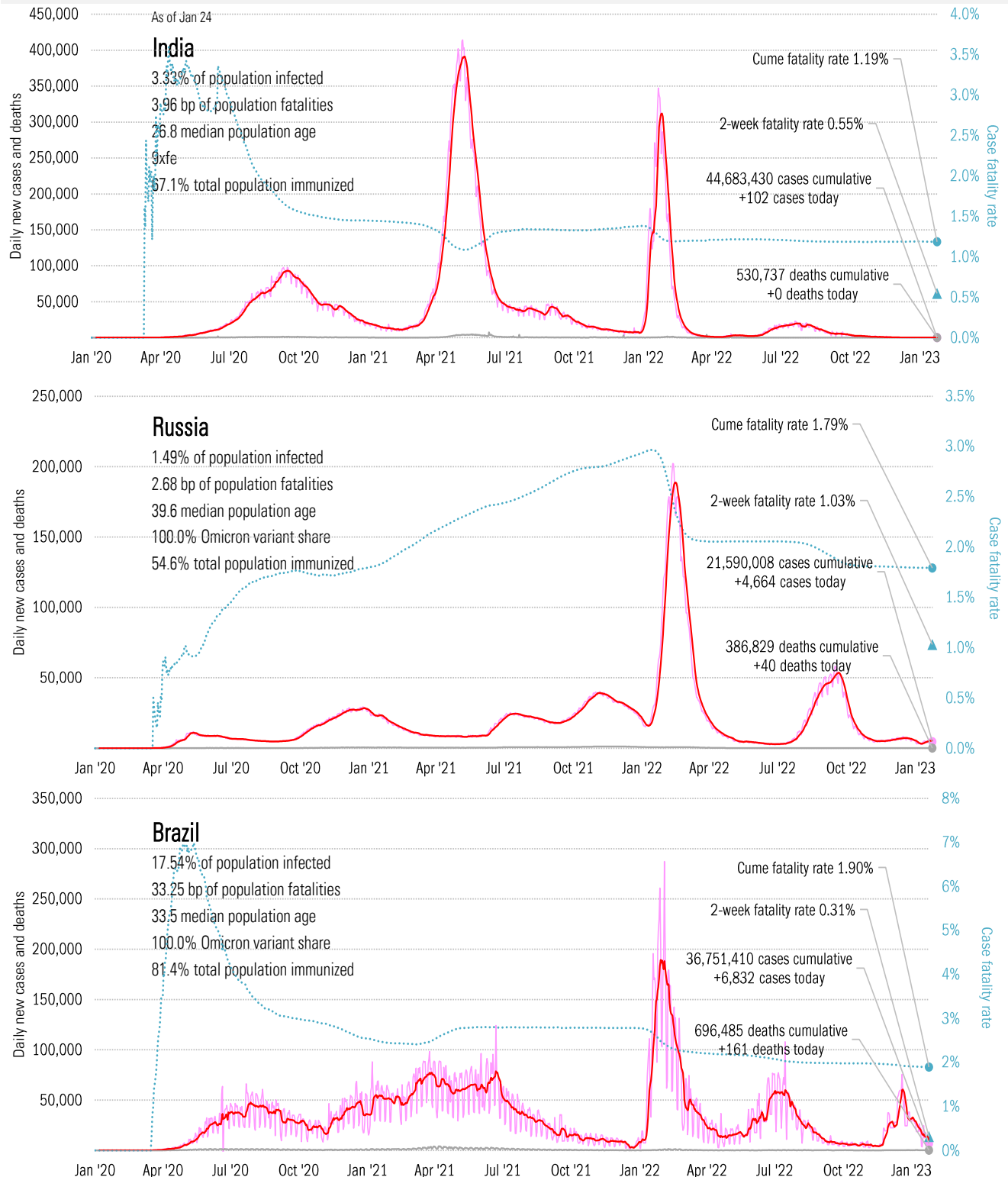


Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China

Cases: 7-day average and daily

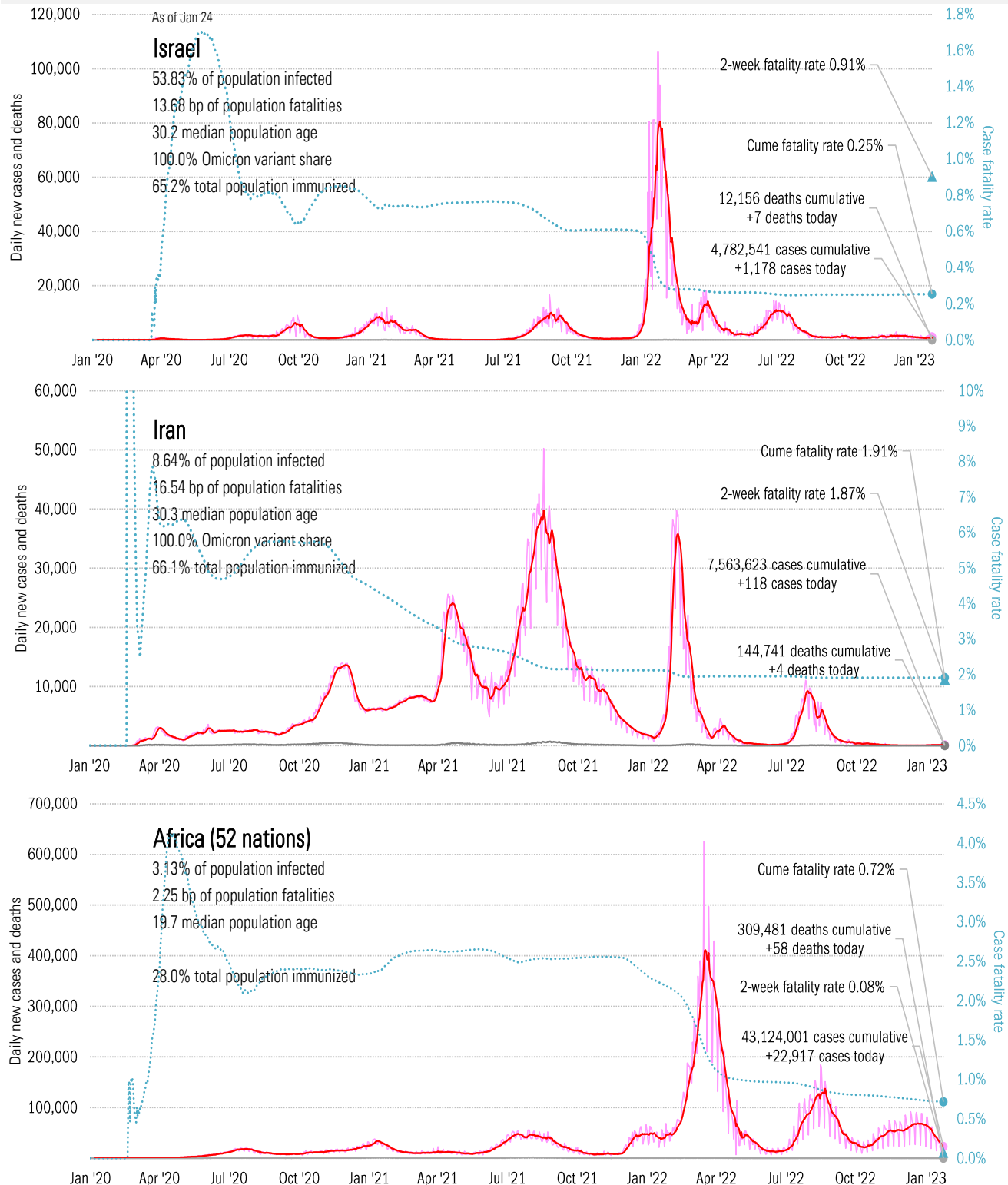
Deaths: Daily



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

Impact in the Middle East and Africa

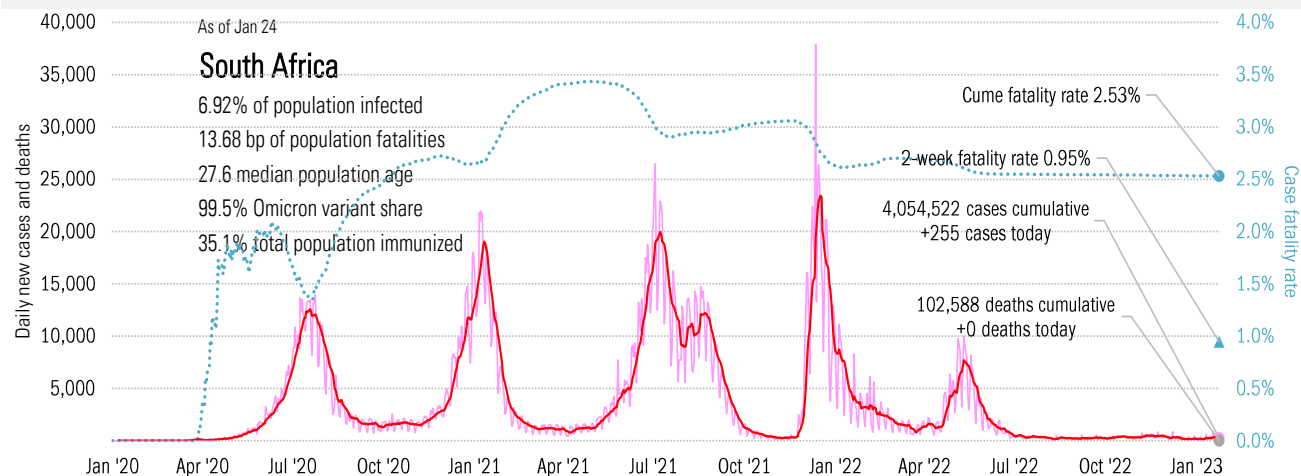
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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