

Data Insights: Covid-2019 Monitor

Saturday, January 7, 2023

The global scorecard

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

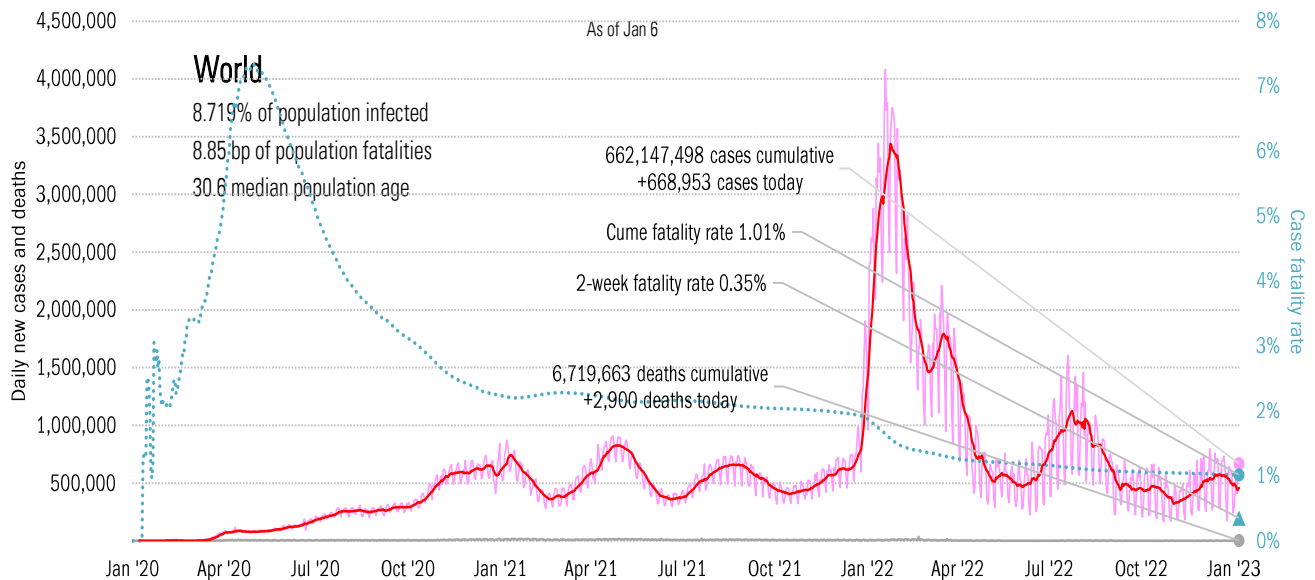
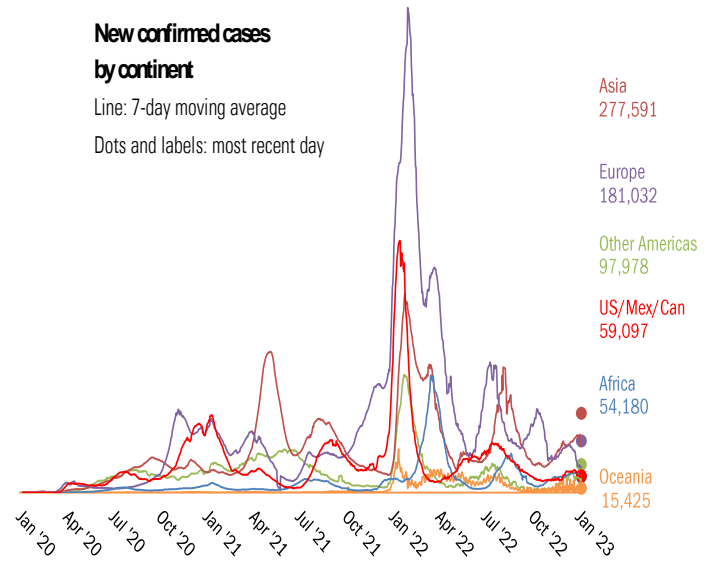
The worst ten countries

New cases		New Deaths	
Japan	245,542	Japan	456
United States	69,641	United States	420
Korea, South	53,608	Brazil	368
Taiwan*	27,672	Germany	170
Brazil	27,038	Italy	111
Italy	19,425	Norway	89
Australia	14,949	Canada	83
Germany	13,169	Taiwan*	62
Mexico	13,094	Korea, South	60
China	10,684	Mexico	57
494,822		1,875	
World	668,953	World	2,900
Top ten	74%	Top ten	65%

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

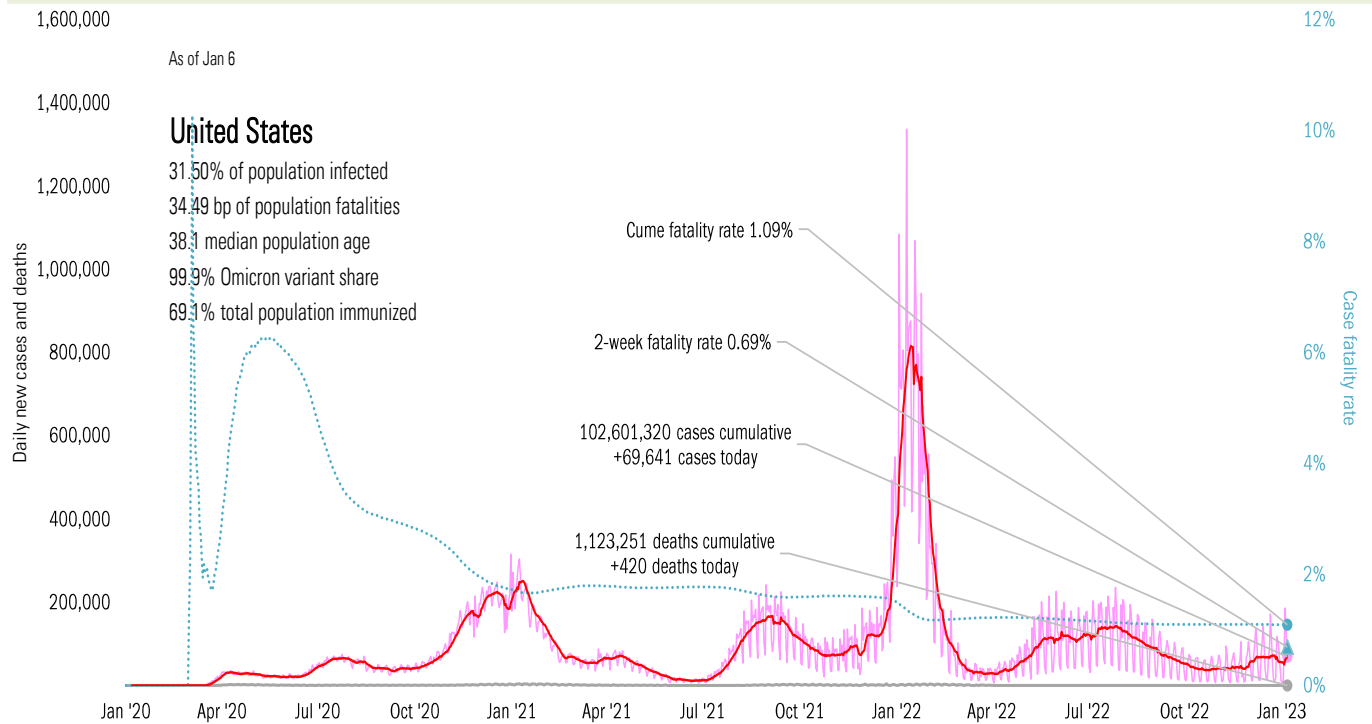
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
FL	11,536		IL	45		GA	307		CA	11,878,886		CA	98,922		TX	572,104		RI	90%	NM	96%
NY	7,712		NY	42		CT	151		TX	8,266,908		TX	91,949		CA	546,238		NH	88%	TX	90%
CA	6,069		FL	39		PA	269		FL	7,393,712		FL	84,176		FL	516,952		WA	87%	MS	89%
NJ	4,253		CA	28		KY	90		NY	6,610,923		NY	75,429		NY	338,642		MD	86%	NH	89%
TX	3,482		MA	22		FL	482		IL	3,981,275		PA	49,034		CH	237,347		WV	86%	AK	88%
NC	3,070		PA	20		RI	33		PA	3,431,861		GA	41,520		GA	235,847		MO	86%	MA	88%
PA	2,145		AZ	18		DC	28		NC	3,359,796		CH	41,033		PA	221,972		DE	86%	NC	88%
VA	2,108		TX	18		LA	93		CH	3,321,463		MI	40,836		IL	205,748		AK	86%	VT	87%
CH	1,985		WV	17		NV	46		GA	2,998,991		IL	40,747		MI	176,031		MN	85%	NE	87%
GA	1,971		GA	15		OR	50		MI	2,998,447		NJ	35,589		NJ	154,736		MI	84%	MO	86%
44,330			265			1,549			54,242,262			599,235			3,205,617						
All states	69,641			420			6,527		All states	102,601,320			1,123,251			5,817,489		All states	70%		67%
Top ten	64%			63%			24%		Top ten	54%			55%			55%		Median	81%		80%

Some states not reporting

Five most improved US states

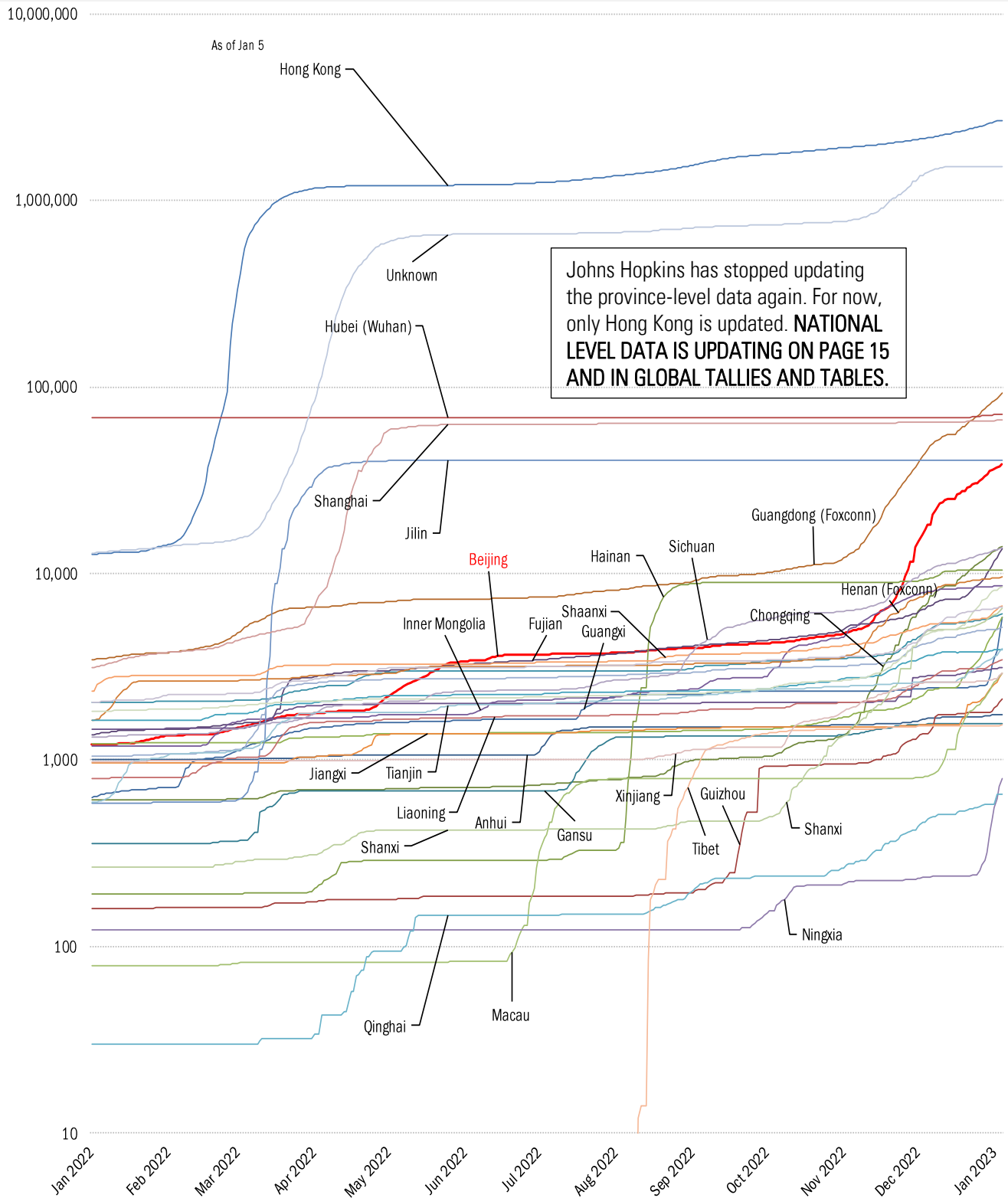
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CA	-4,741	CA	-131	TX	-447
CT	-338	IN	-87	CA	-176
AR	-158	CT	-22	MO	-148
WI	-141	RI	-19	CH	-118
NH	-100	NY	-15	FL	-112



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"

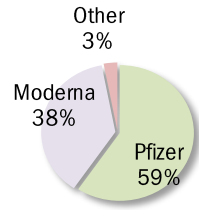


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered Doses	Cumulative			Today	Immunity	Full	Partial
	681,672,640			+0.183 million	US	69.0%	80.8%
				Of which boosters:	UK	75.2%	79.7%
				+0.157 million	France	78.4%	80.6%
	One dose	% Pop	Immune	% pop	New immune today		
Total population	276,944,352	83%	236,067,457	71%	+0.018 million	Spain	85.5% 86.9%
Age 12 to 17	18,423,075	73%	15,770,112	62%	+0.001 million	Germany	76.2% 77.8%
Age 18 to 64	184,170,530	91%	156,546,552	77%	+0.010 million	Italy	81.3% 86.2%
Age 65 and over	60,993,756	100%	53,409,974	97%	+0.003 million	Australia	82.7% 84.9%
						Israel	65.2% 71.1%
						Canada	82.5% 90.1%
						Japan	83.2% 84.4%
						Africa	27.5% 33.5%
						India	67.1% 72.5%
						Brazil	81.2% 87.6%
						China	89.4% 91.7%



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

AK	72.8%
	65.0%

"Immunity" = two doses

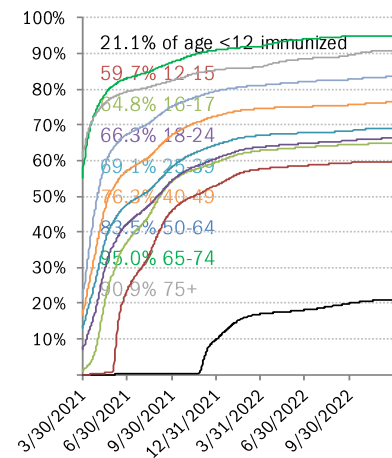
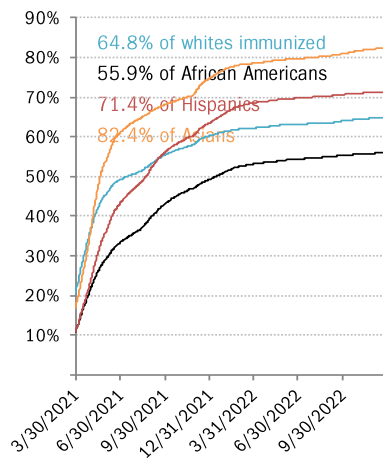
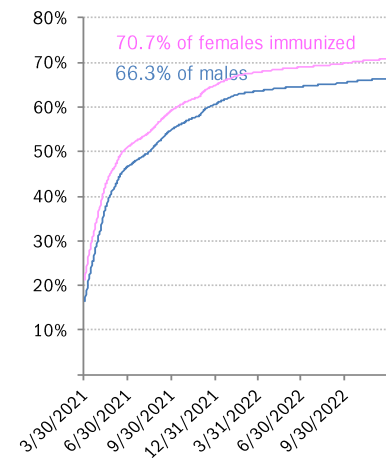
WI	74.9%
	68.0%

As of Jan 6

ME	95.0%
	83.1%

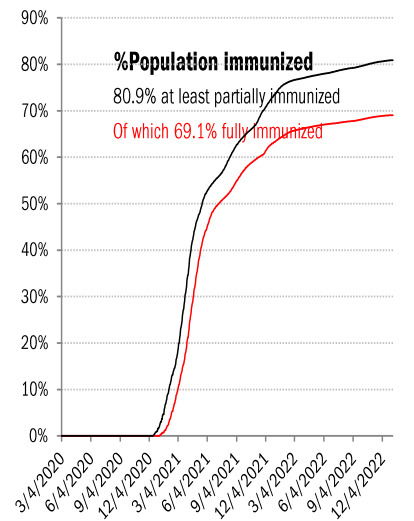
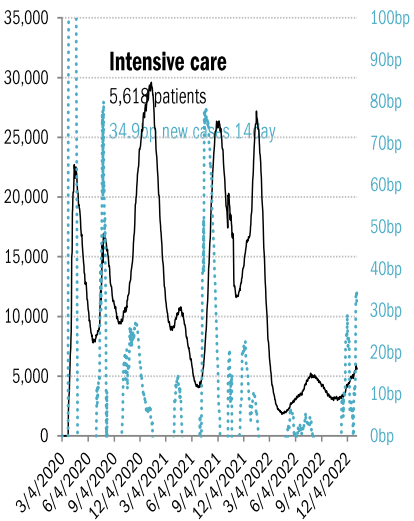
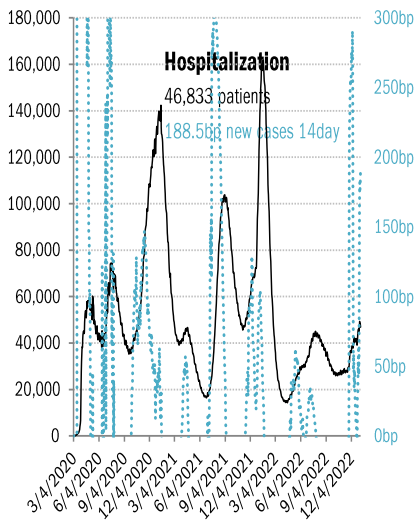
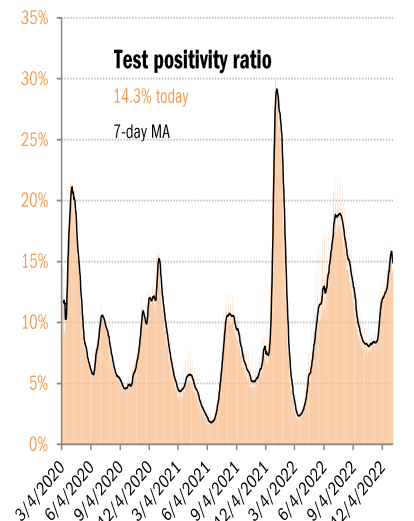
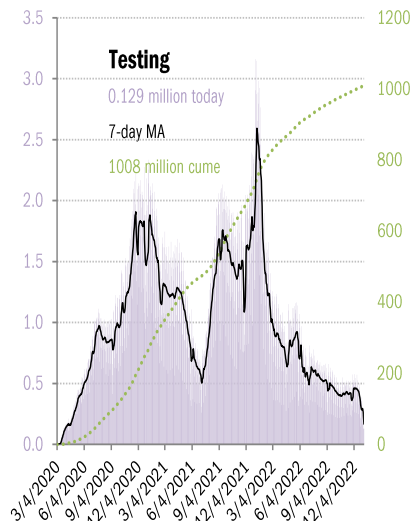
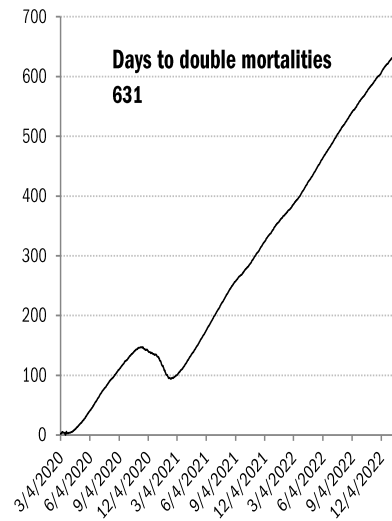
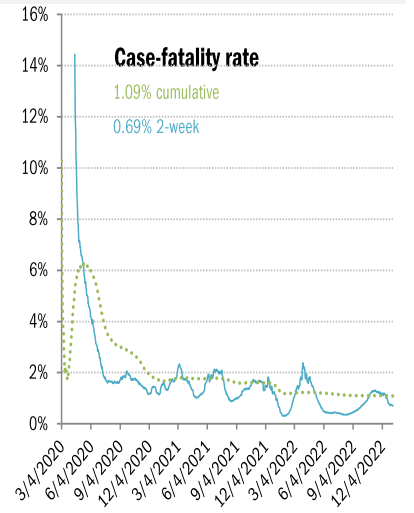
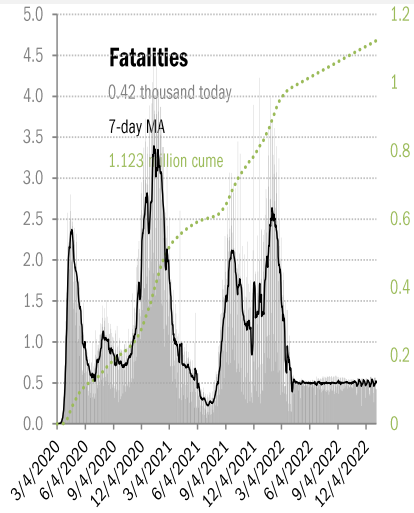
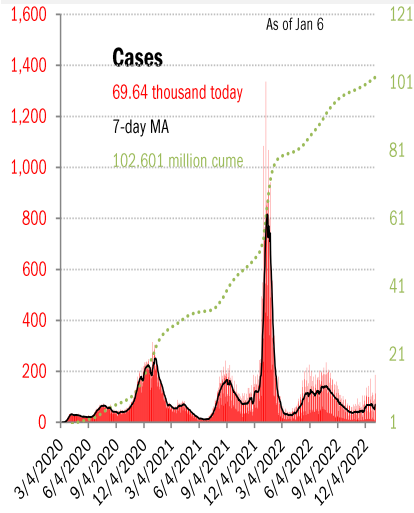
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
84.9%	63.7%	68.1%	69.1%	78.5%	78.9%	69.3%	94.1%	95.0%	87.5%	
75.8%	56.3%	59.0%	58.4%	71.9%	71.0%	62.2%	80.5%	85.3%	71.5%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.3%	77.3%	60.8%	83.5%	70.5%	64.2%	65.6%	90.2%	94.3%	95.0%	
72.2%	63.6%	52.9%	66.0%	64.2%	57.6%	60.3%	73.0%	78.9%	83.9%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.4%	75.0%	83.4%	73.2%	69.1%	68.7%	67.3%	90.7%	91.4%	95.0%	95.0%
74.4%	66.5%	73.2%	66.1%	58.9%	59.5%	59.6%	76.4%	79.4%	82.8%	87.4%
AZ	NM	KS	AR	TN	NC	SC	DC	DE		
77.2%	93.9%	75.9%	69.7%	64.3%	91.7%	70.8%	95.0%	87.9%		
65.8%	74.9%	65.0%	56.7%	56.2%	66.8%	59.7%	85.5%	73.1%		
OK	LA	MS	AL	GA						
74.4%	62.7%	61.5%	64.8%	68.2%						
60.3%	54.9%	53.6%	53.0%	57.1%						
TX										
76.1%										
63.1%										
HI							FL		PR	
91.1%							82.1%		95.0%	
81.3%							69.2%		86.7%	

The demographics of US vaccination

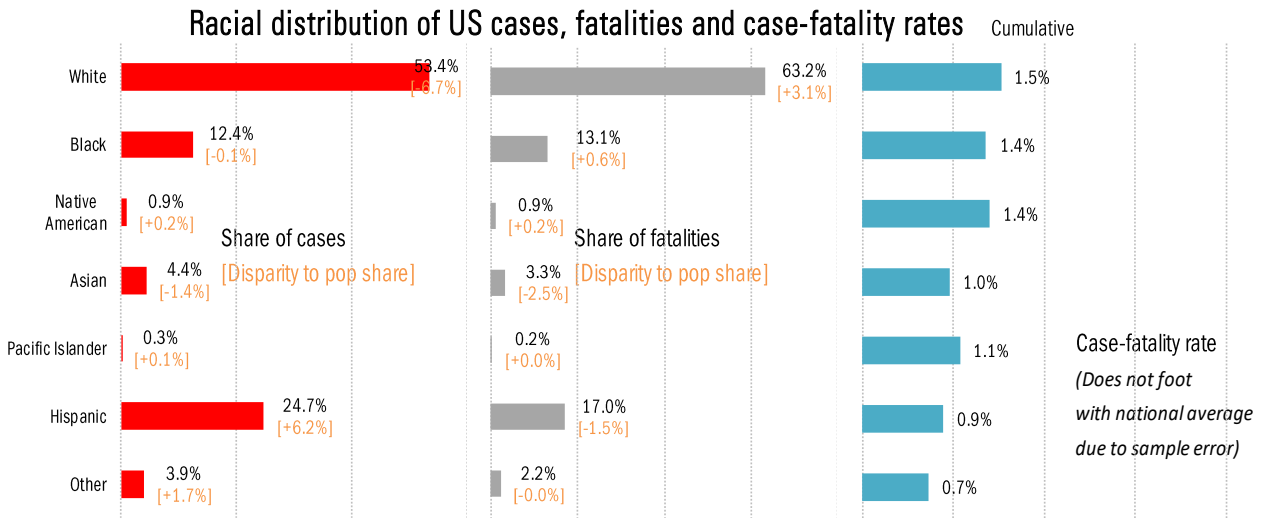
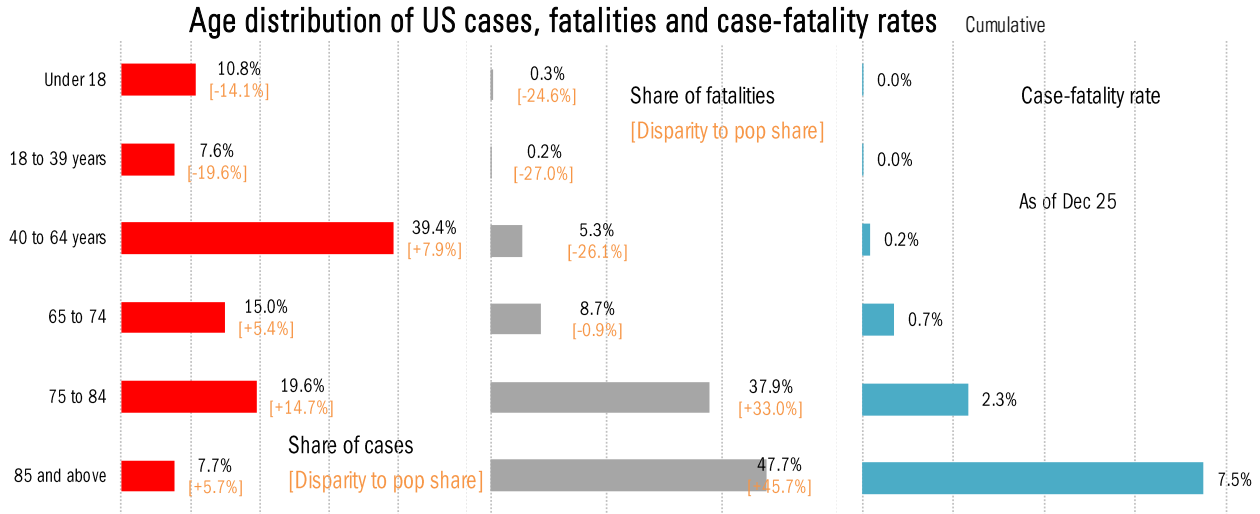


Source: CDC, CDC, Our World in Data, TrendMacro calculations

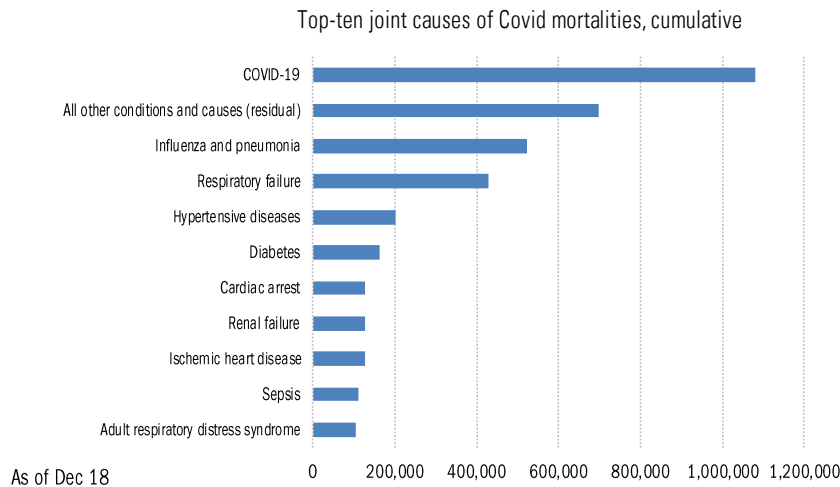
US deep-dive



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

[China Covid: Young people self-infect as fears for elderly grow](#)

BBC

January 6, 2023

[China suspends social media accounts of COVID policy critics](#)

AP

January 7, 2023

[Meet the 'Kraken' COVID variant—the dominant new Omicron 'escape strain' experts say is the most transmissible yet](#)

Eleanor Pringle and Erin Prater

Fortune

January 5, 2023

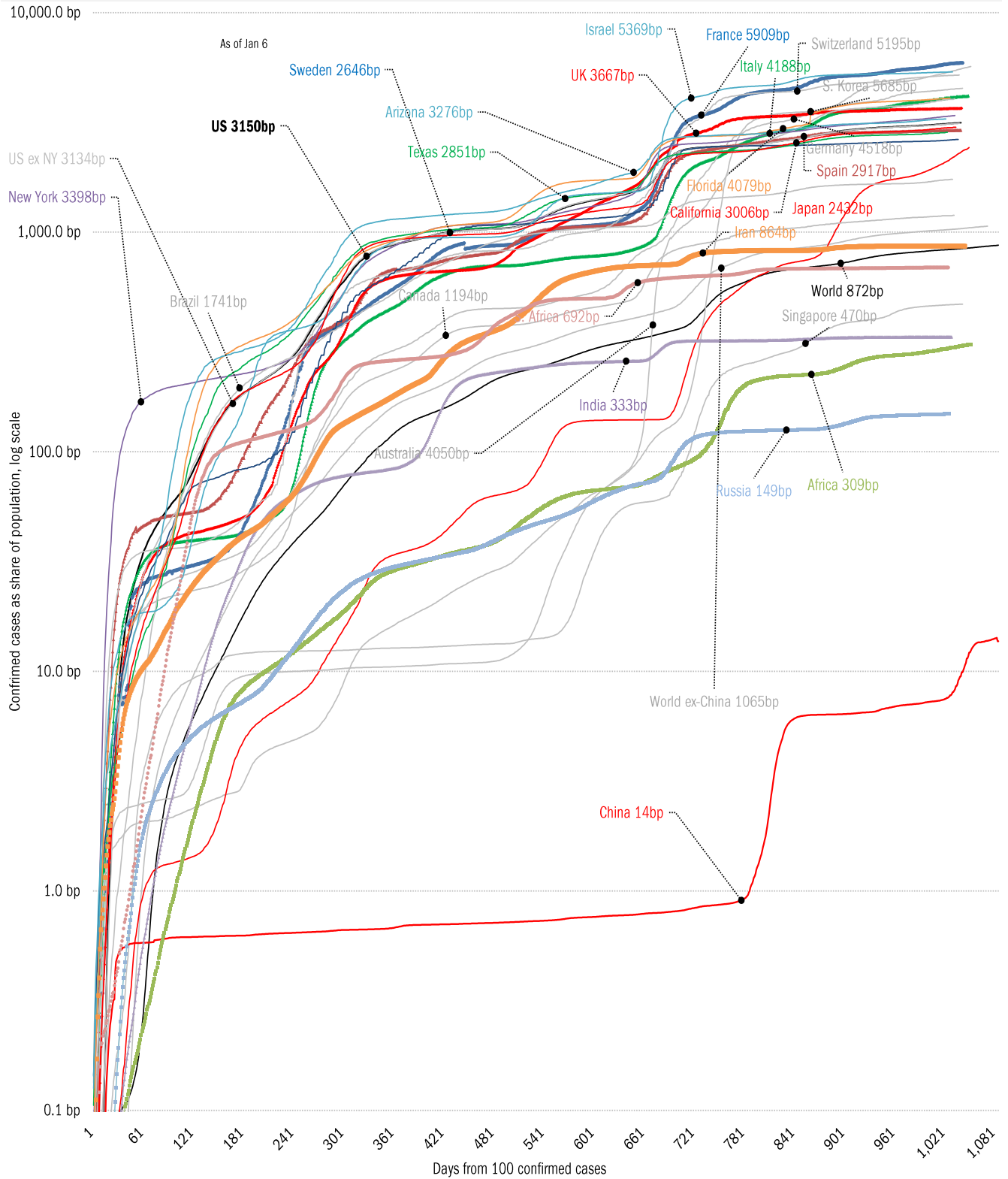
Meme of the Day



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

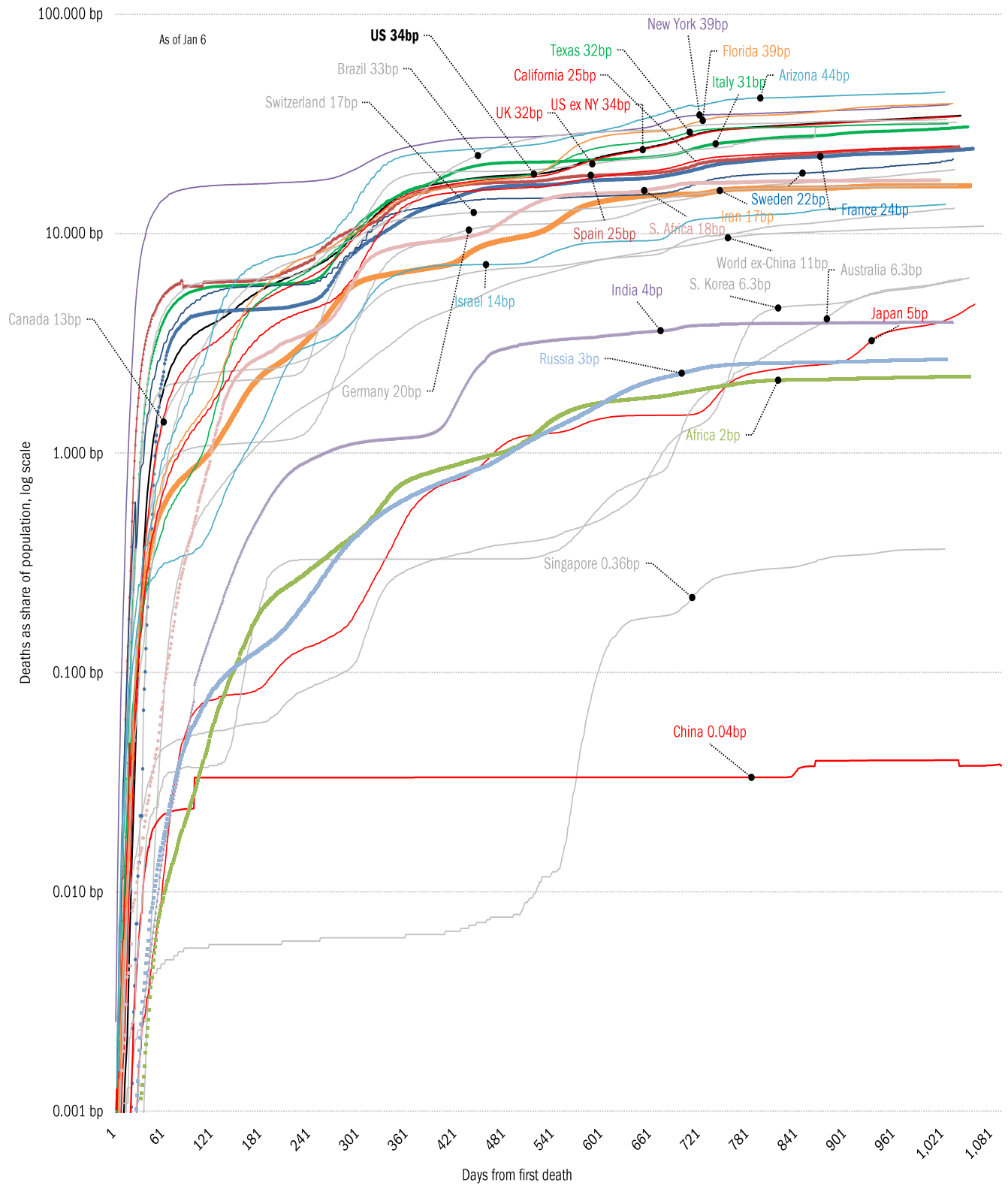
The global coronavirus case accelerometer... tracking the world's infection curves

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

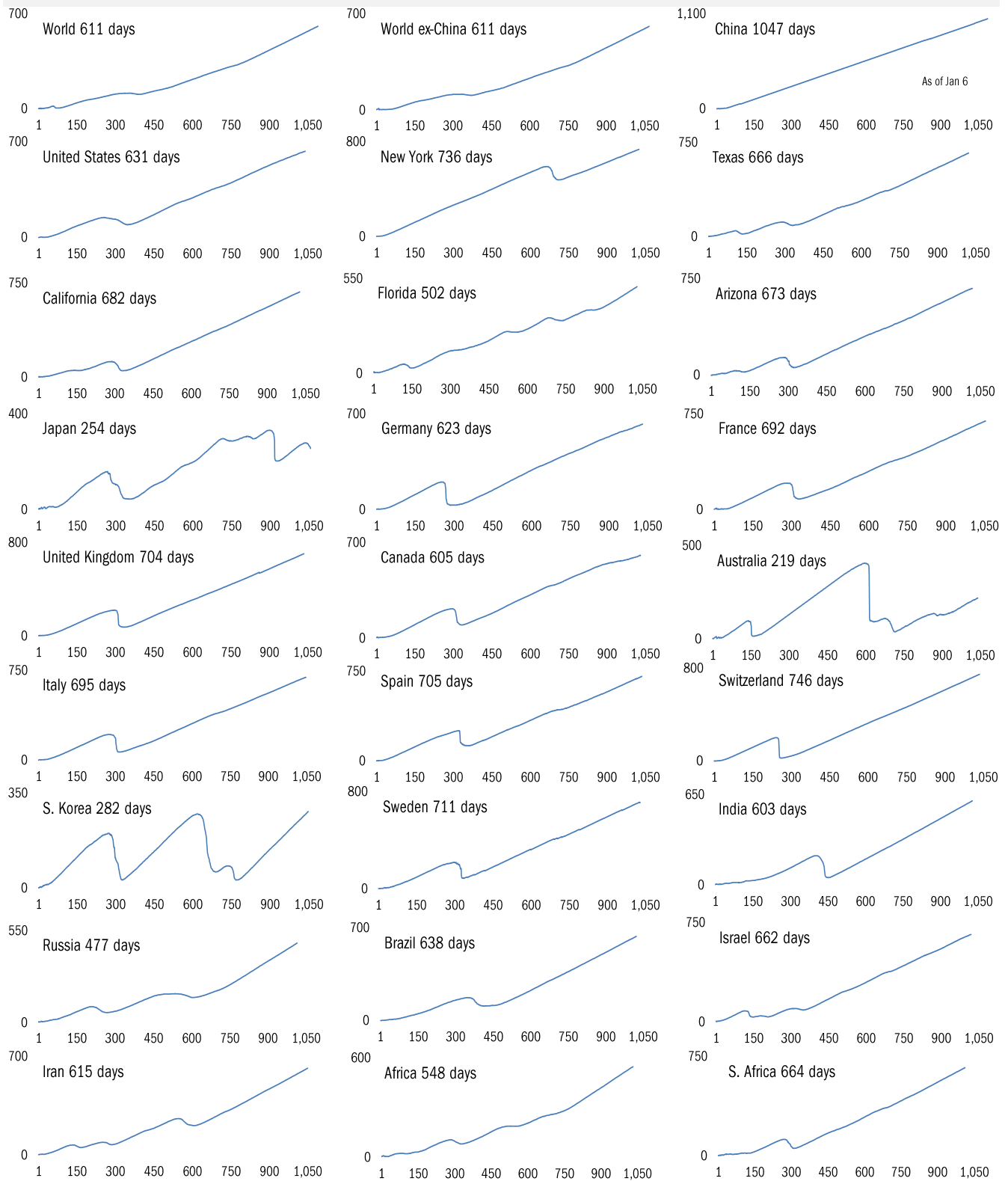


Source: [Johns Hopkins](#), TrendMacro calculations

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

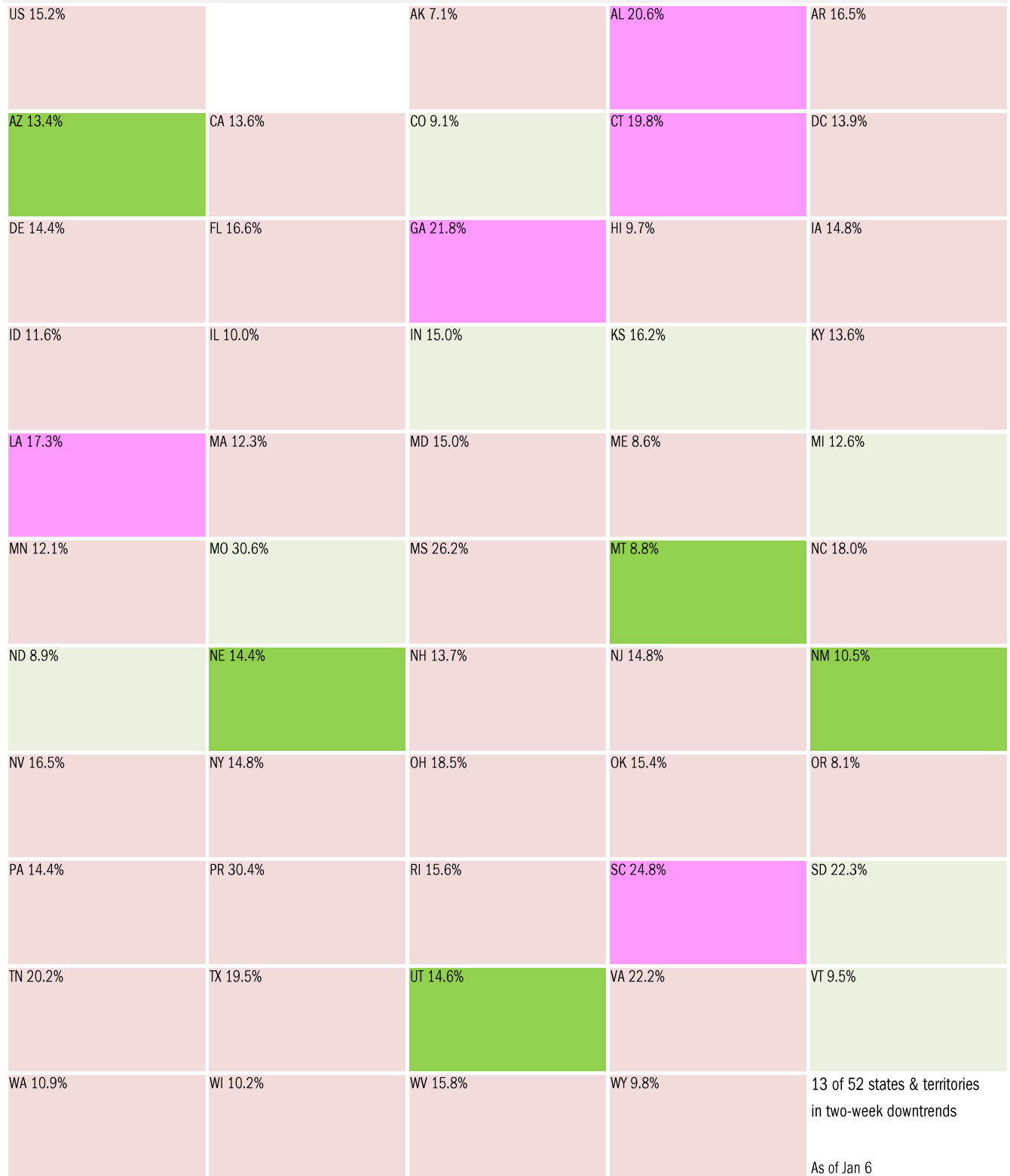


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

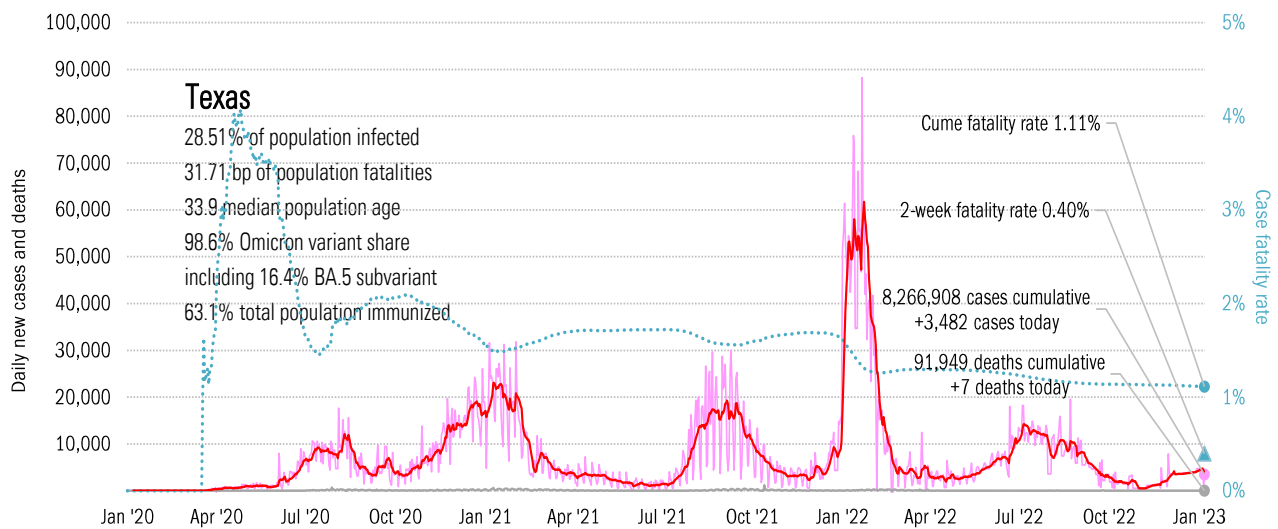
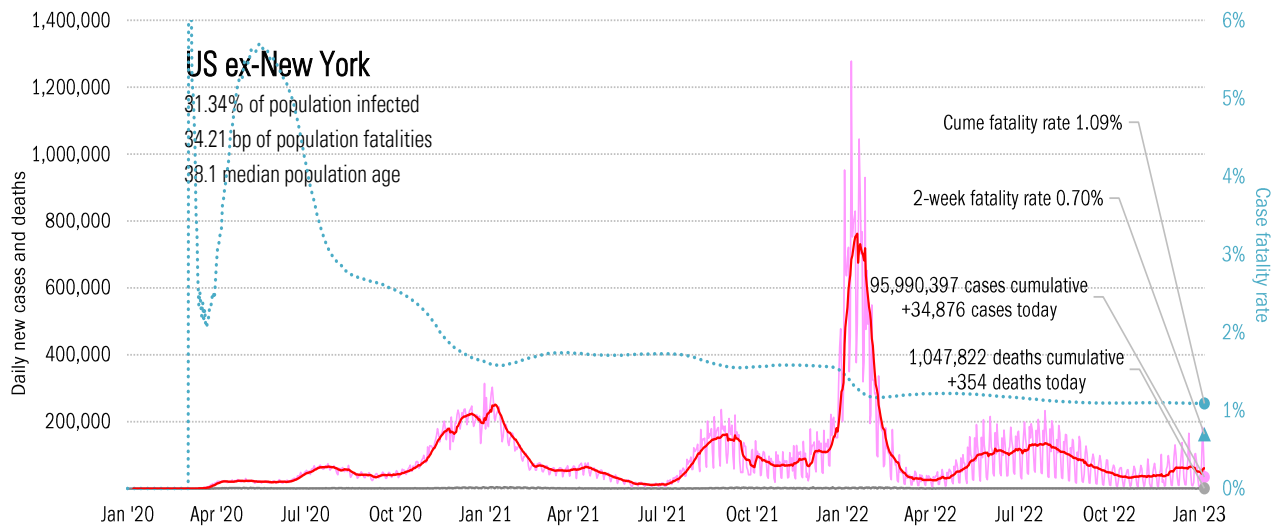
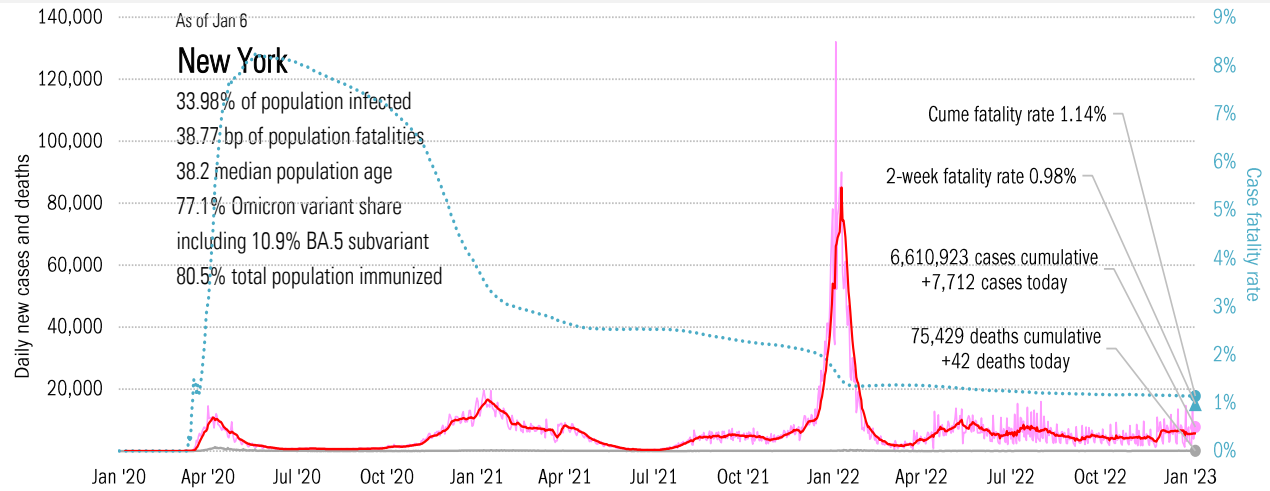
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

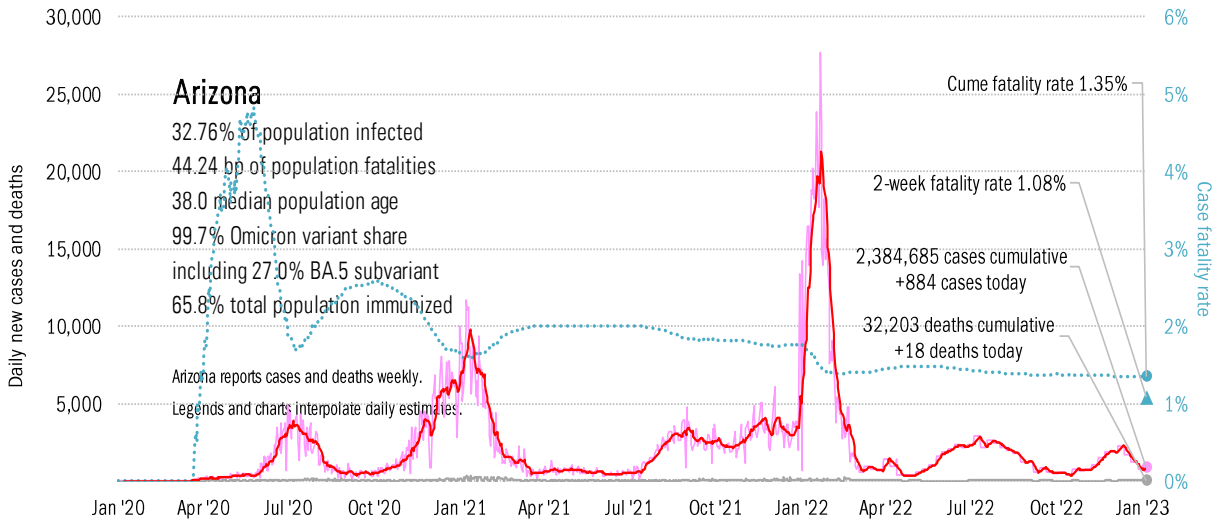
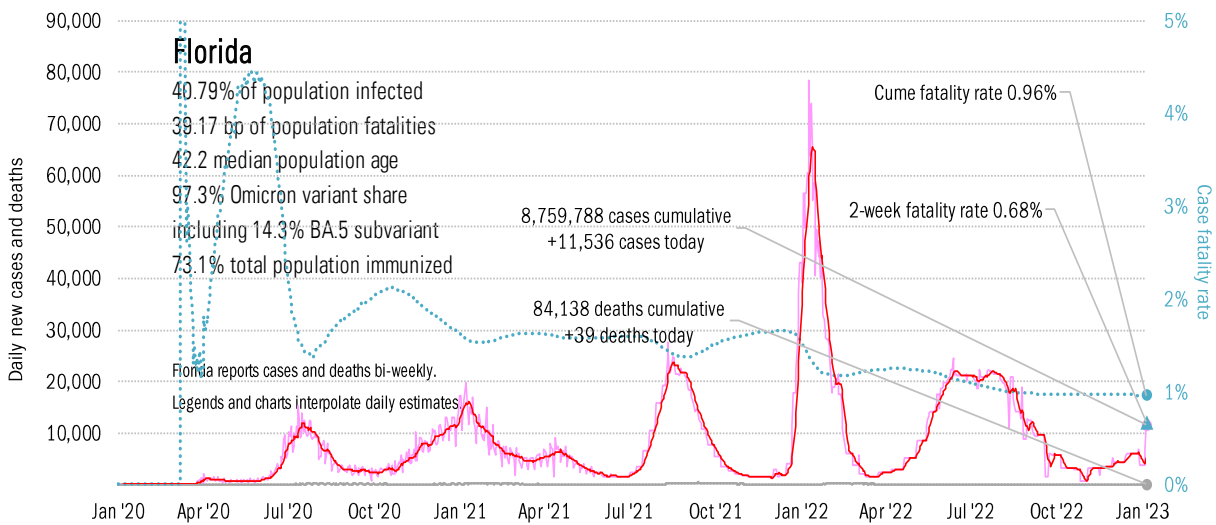
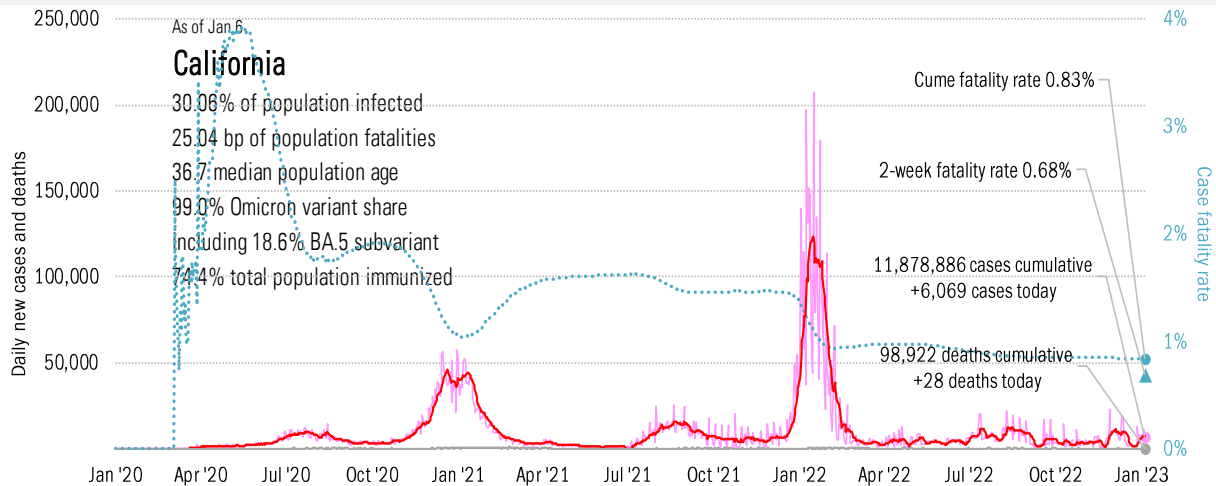
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

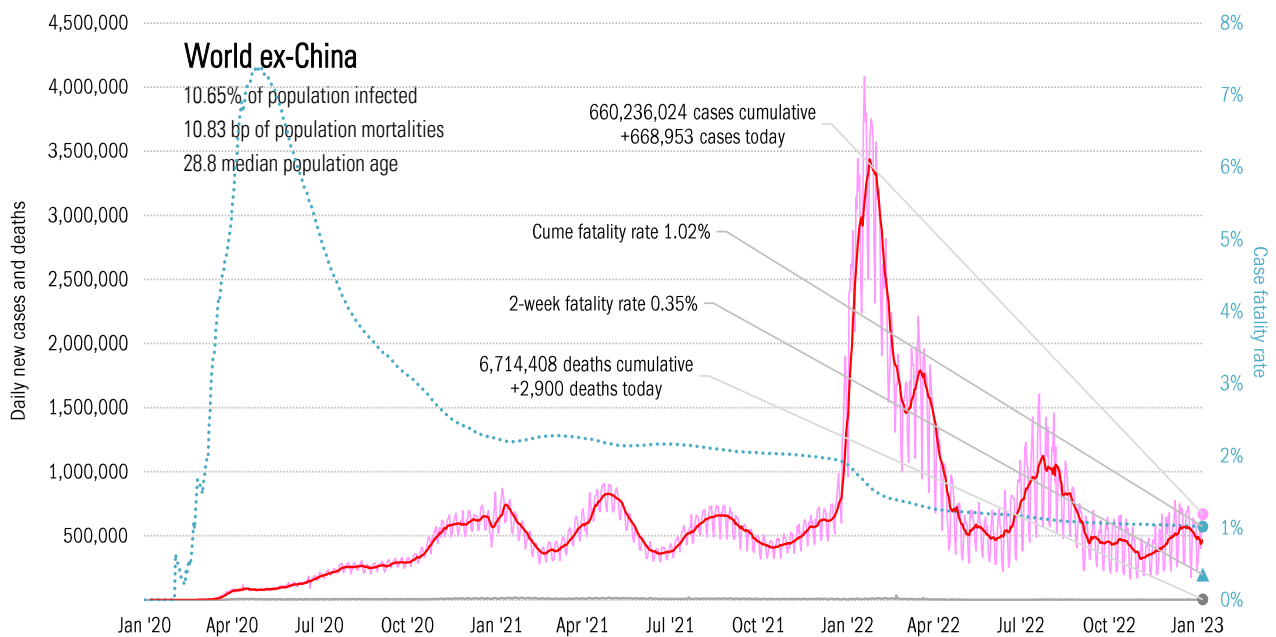
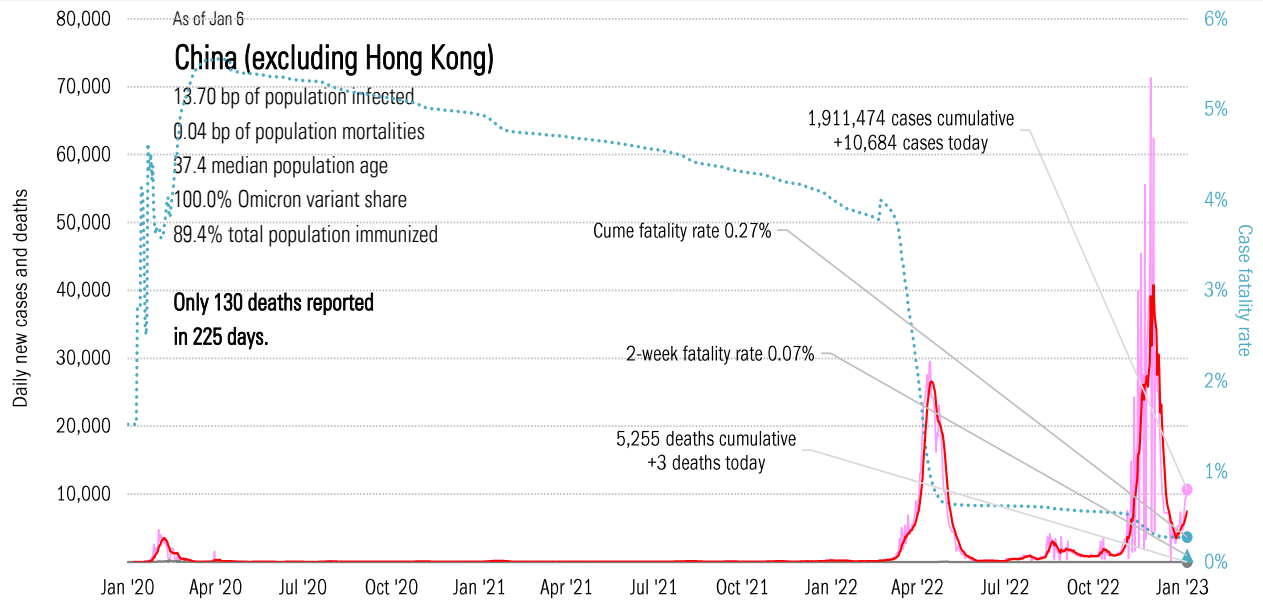
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

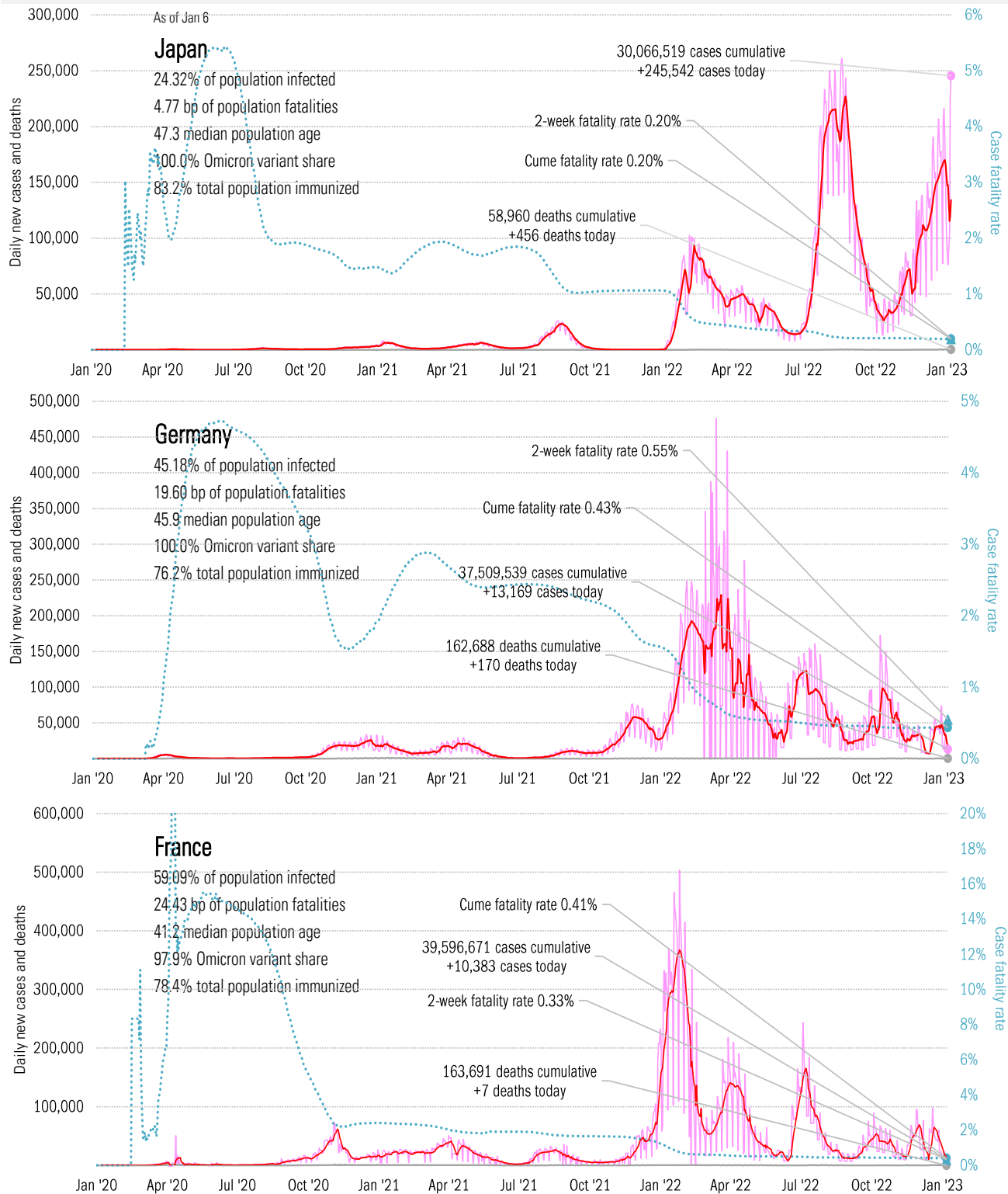
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

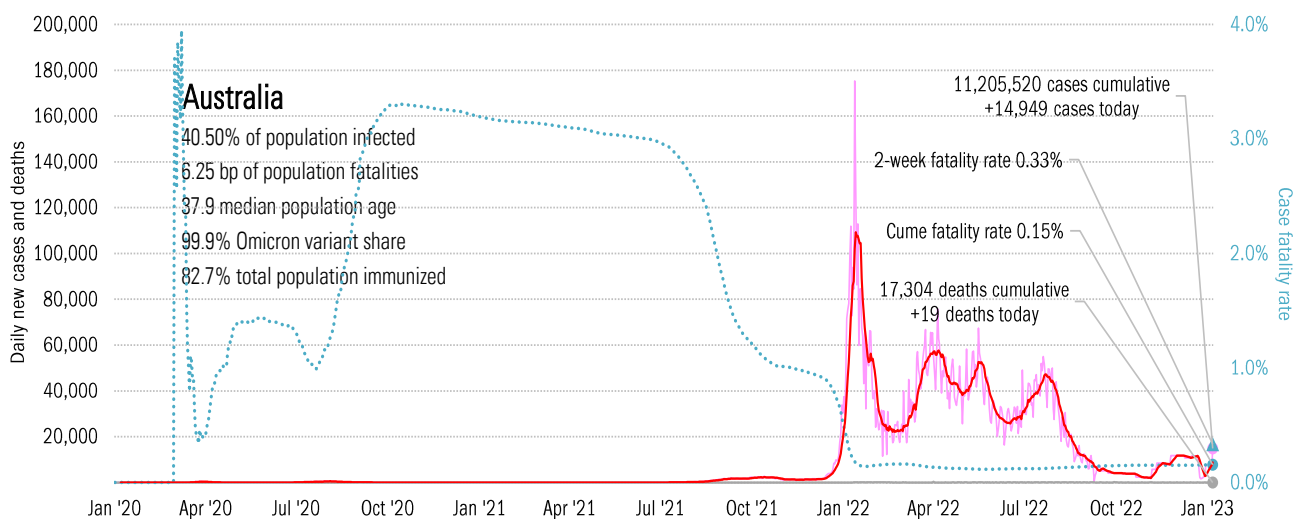
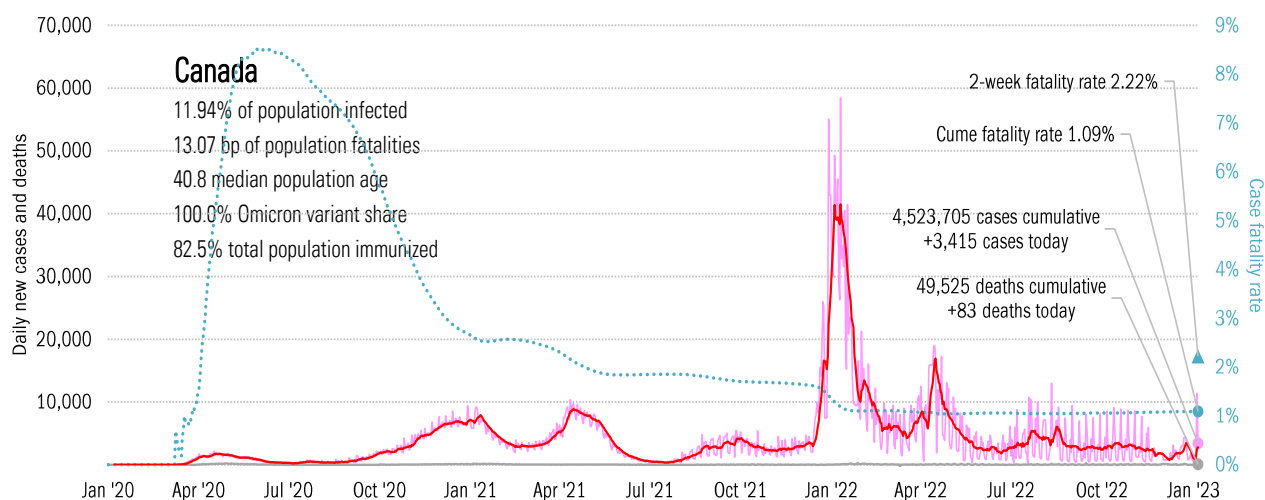
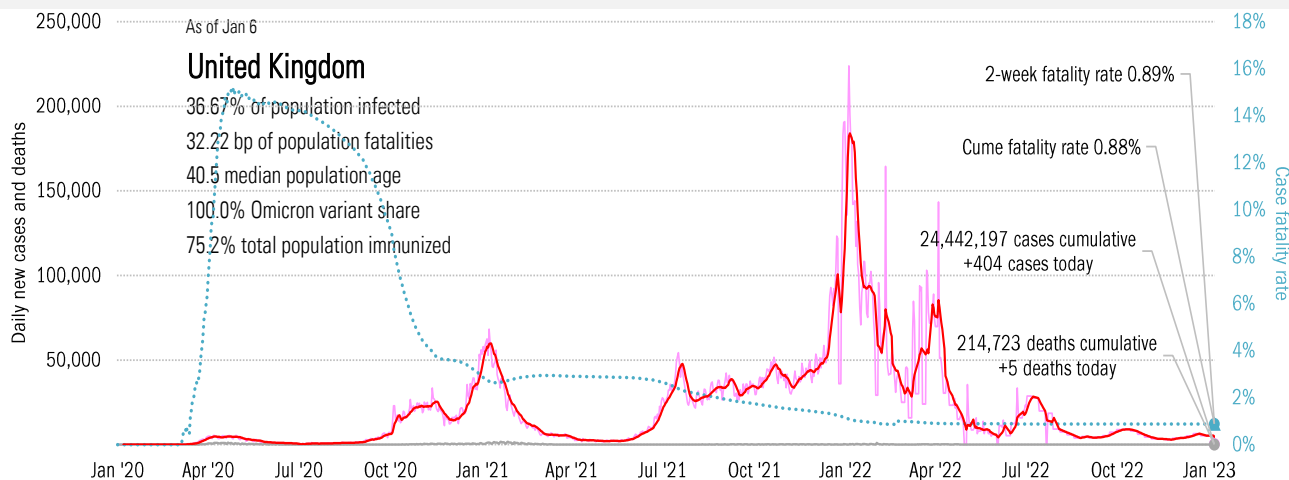
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

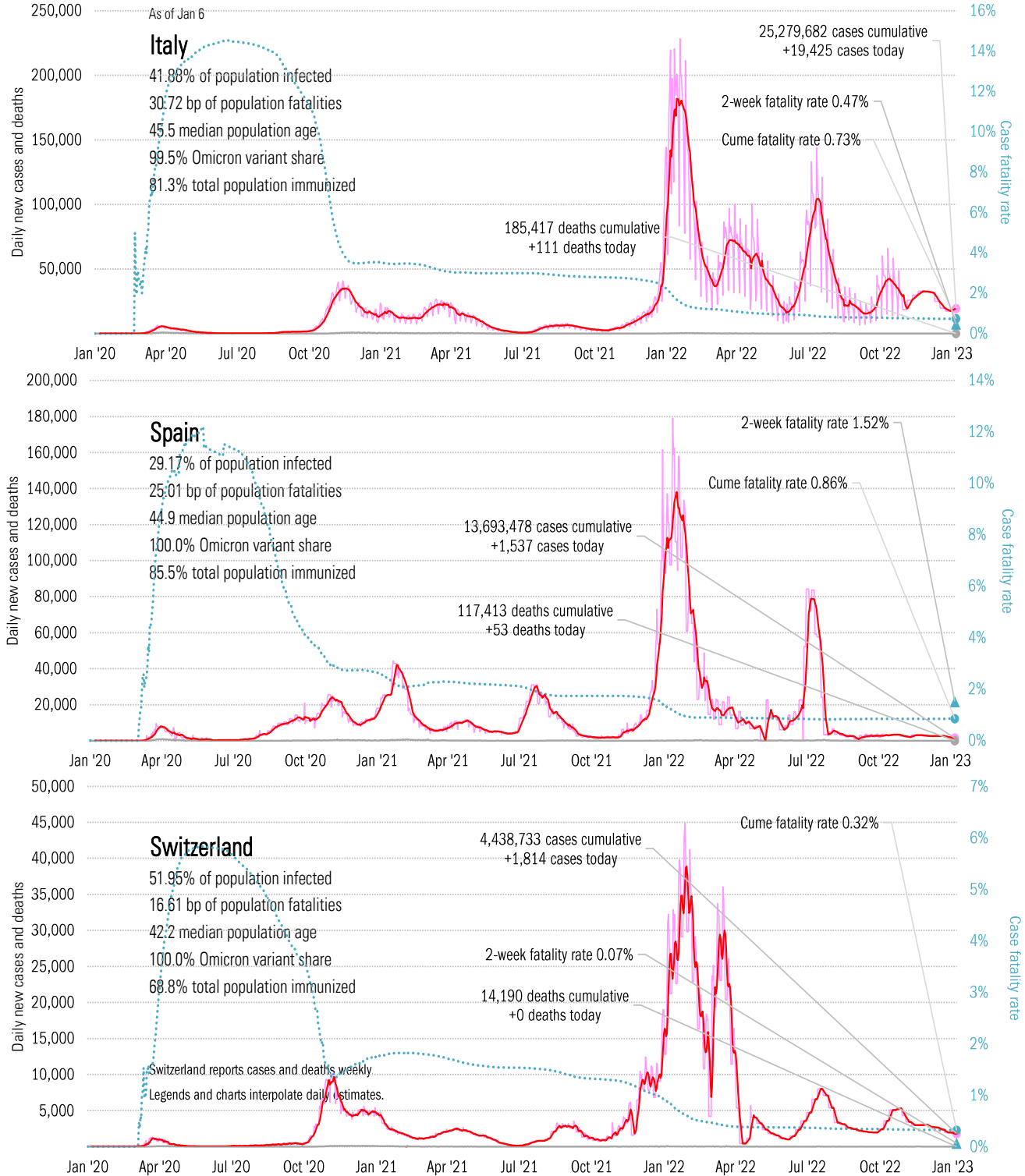
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

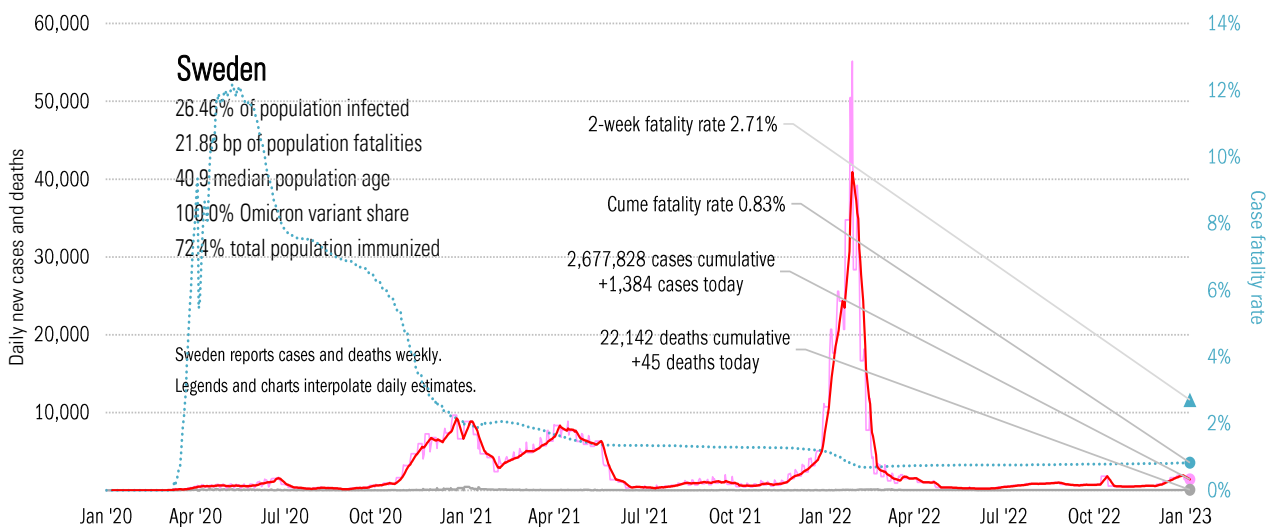
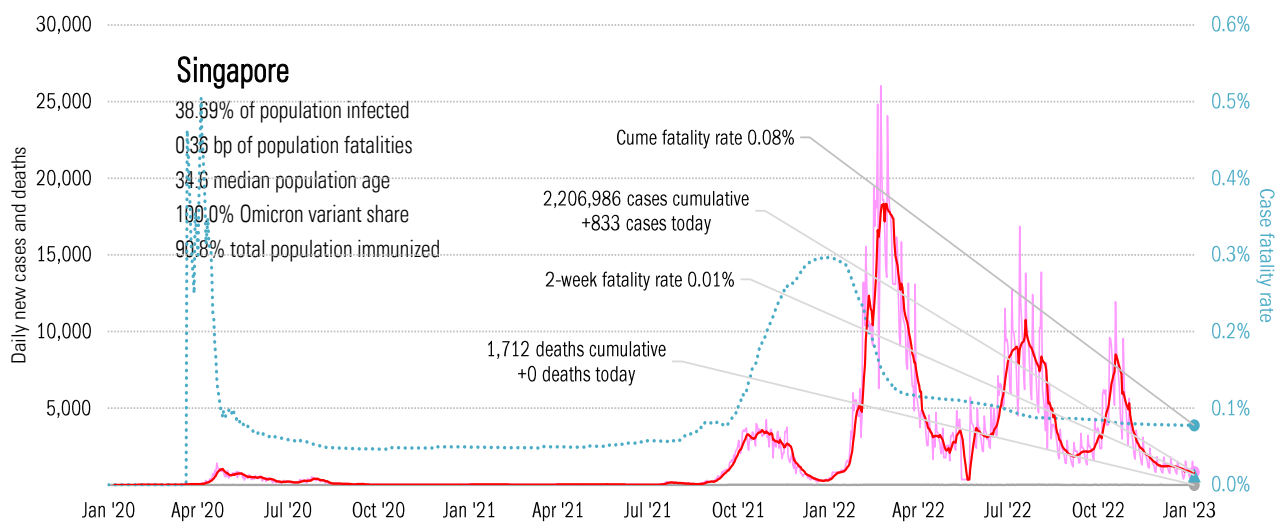
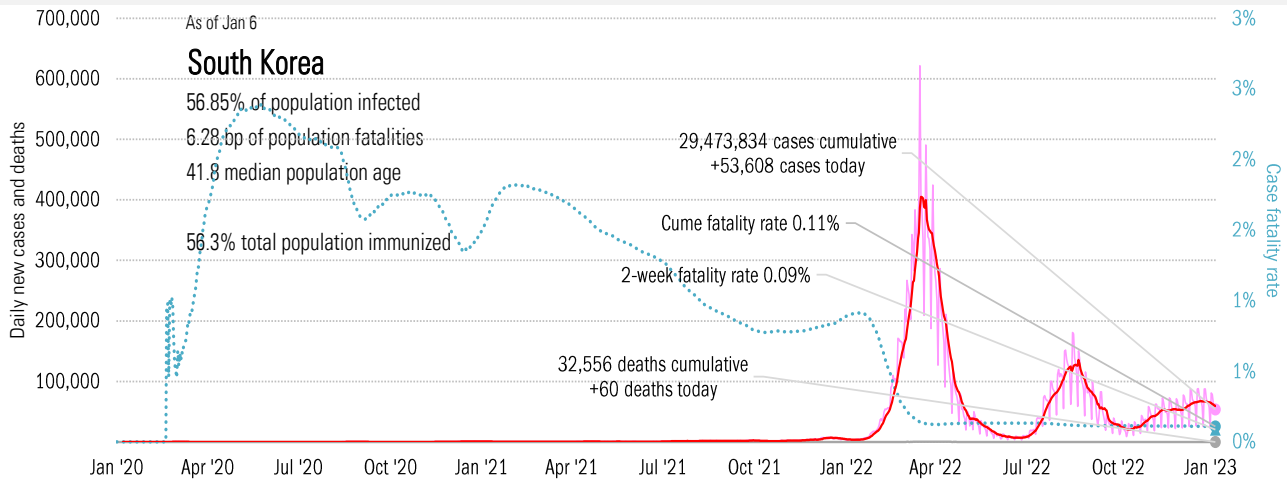
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

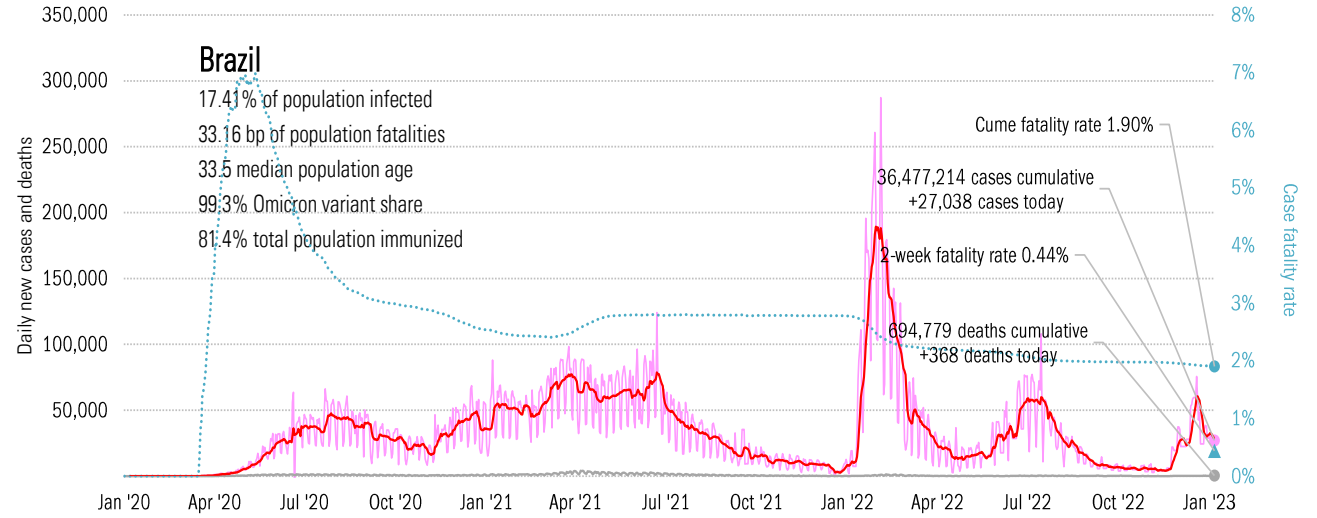
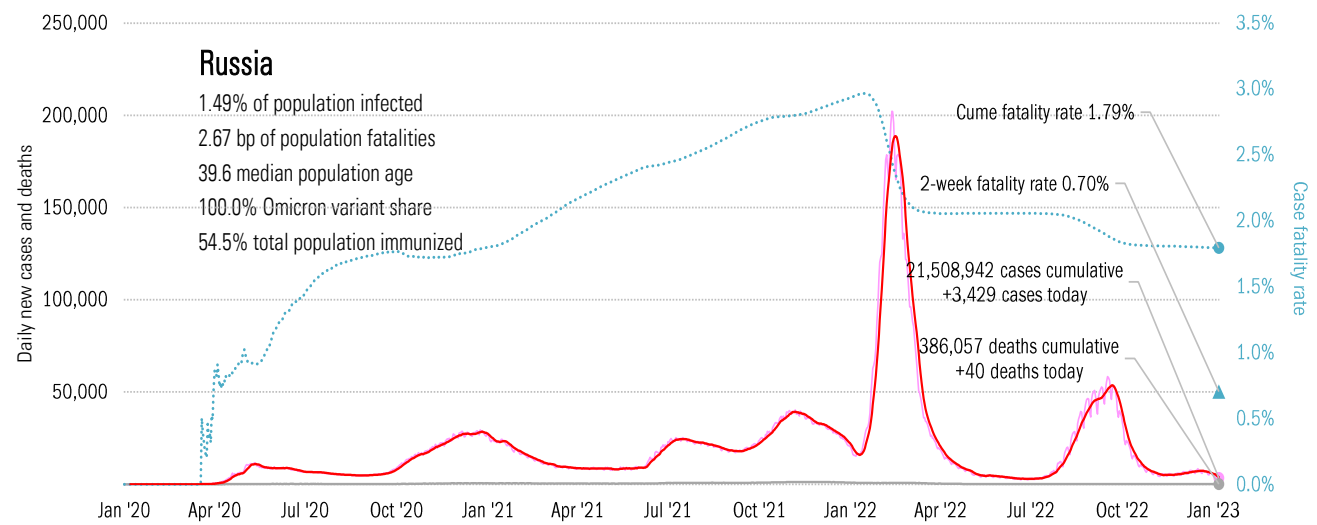
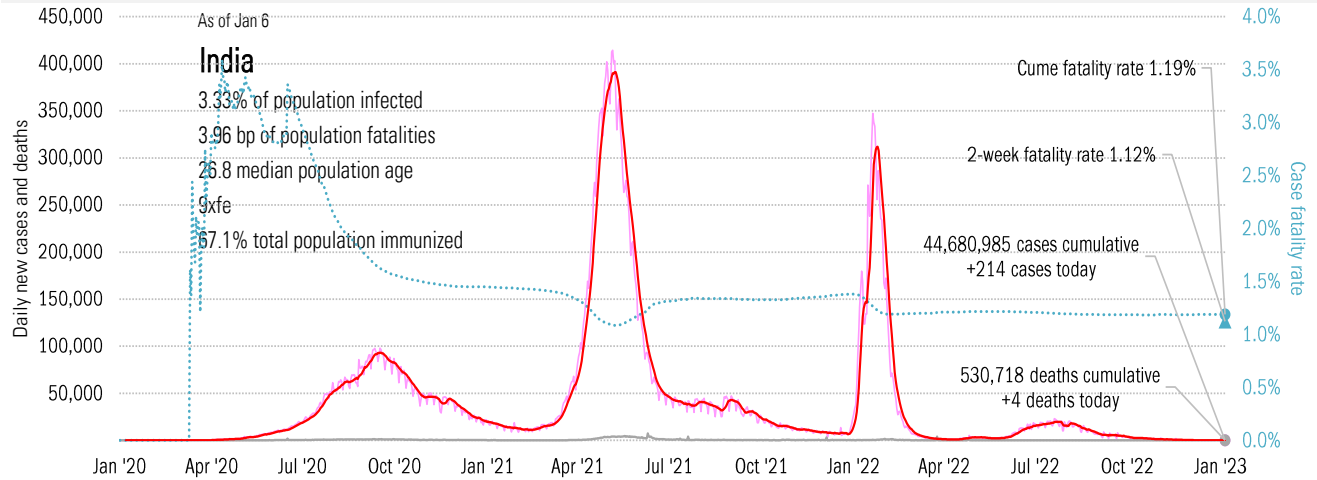
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

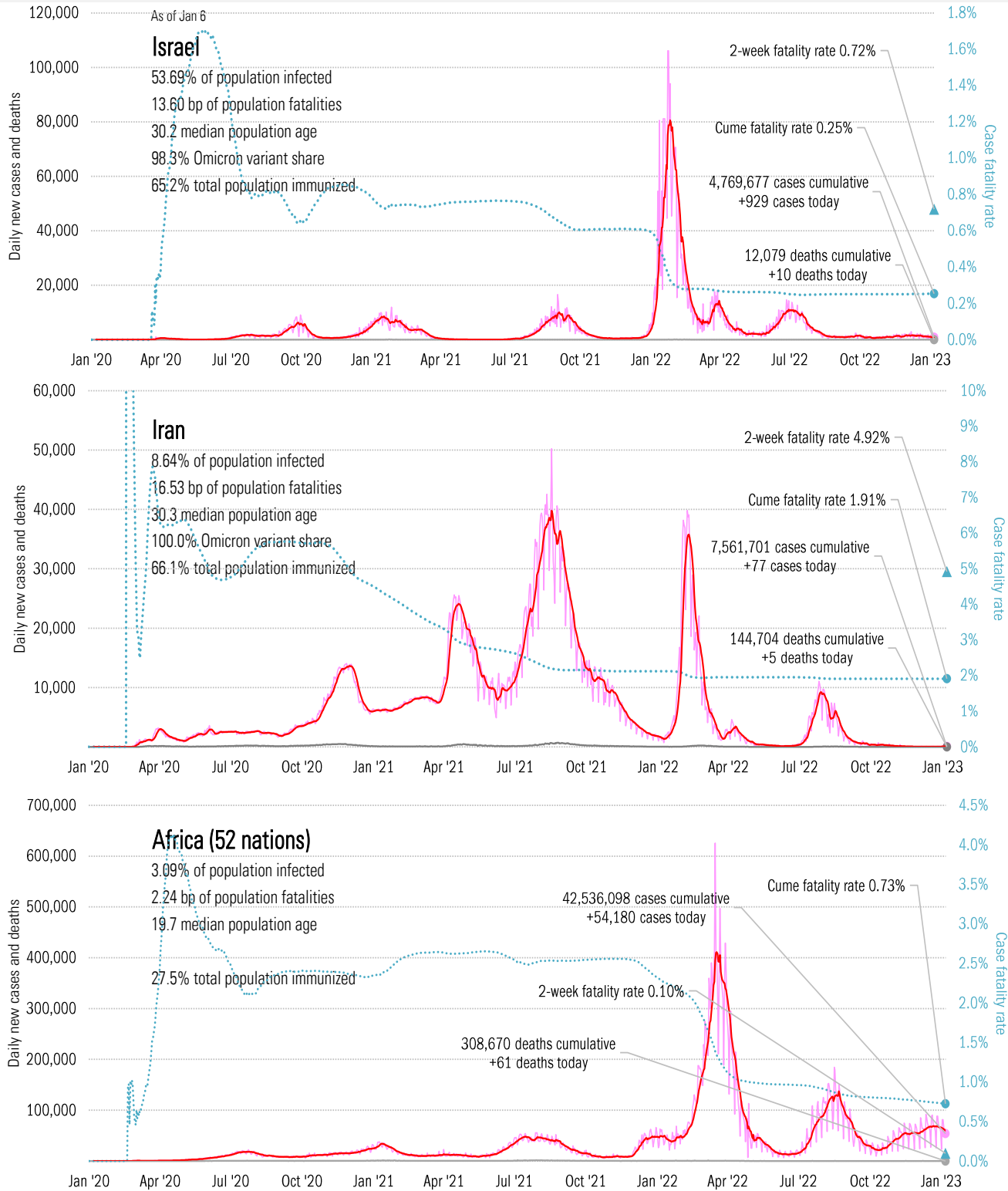
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

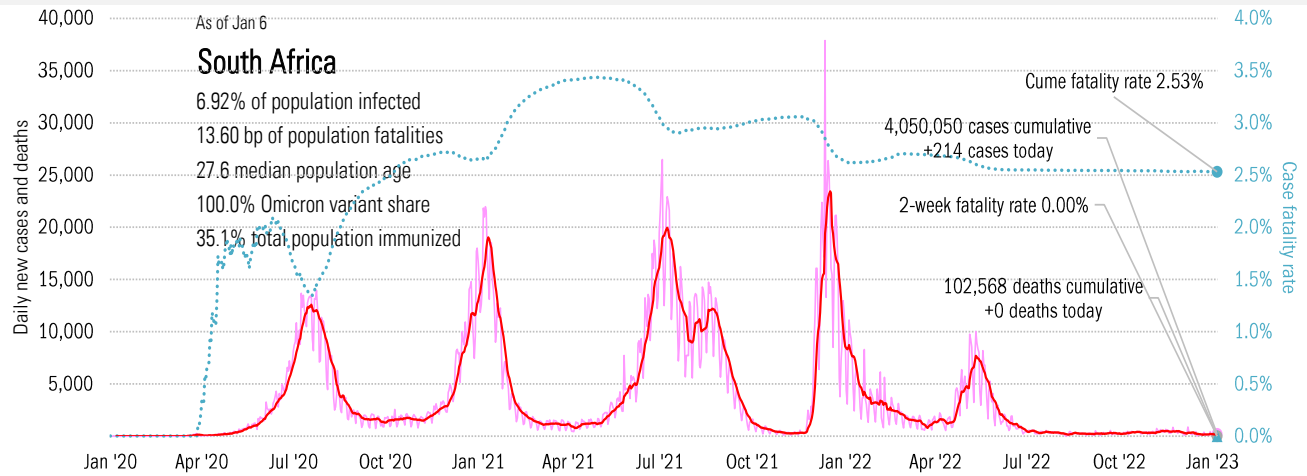
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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