

Data Insights: Covid-2019 Monitor

Monday, February 27, 2023

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries (see China note page 14)

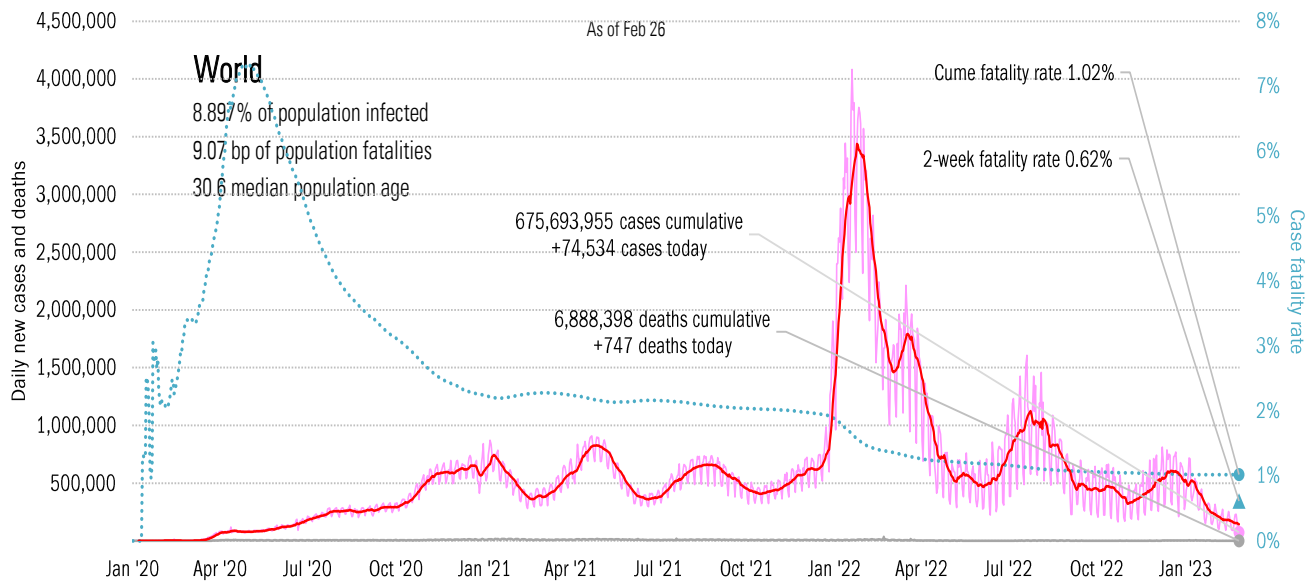
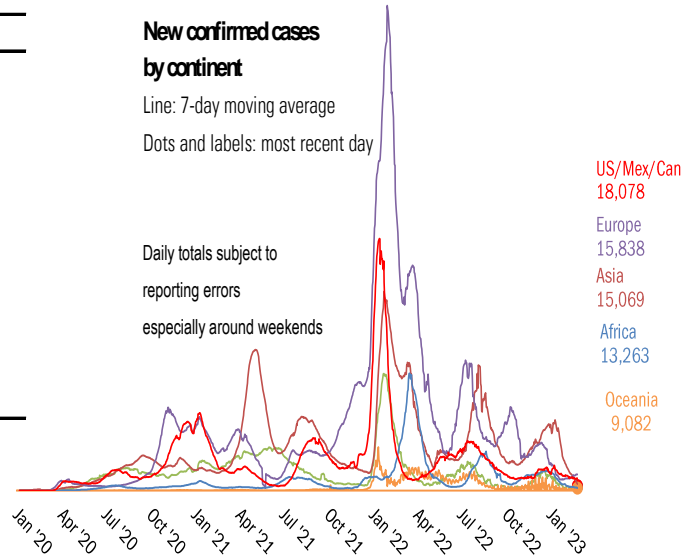
New cases		New Deaths	
United States	36,742	United States	348
Germany	20,974	Brazil	94
Korea, South	13,238	Germany	89
Japan	12,399	Japan	62
Brazil	11,587	Mexico	48
Russia	9,520	Italy	35
New Zealand	9,082	Russia	30
Mexico	7,841	France	29
Austria	4,891	Spain	28
Italy	4,205	Korea, South	21

New confirmed cases by continent

Line: 7-day moving average

Dots and labels: most recent day

Daily totals subject to reporting errors especially around weekends



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

For more information contact us:

Donald Luskin: 214 550 2020 don@trendmacro.com

Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

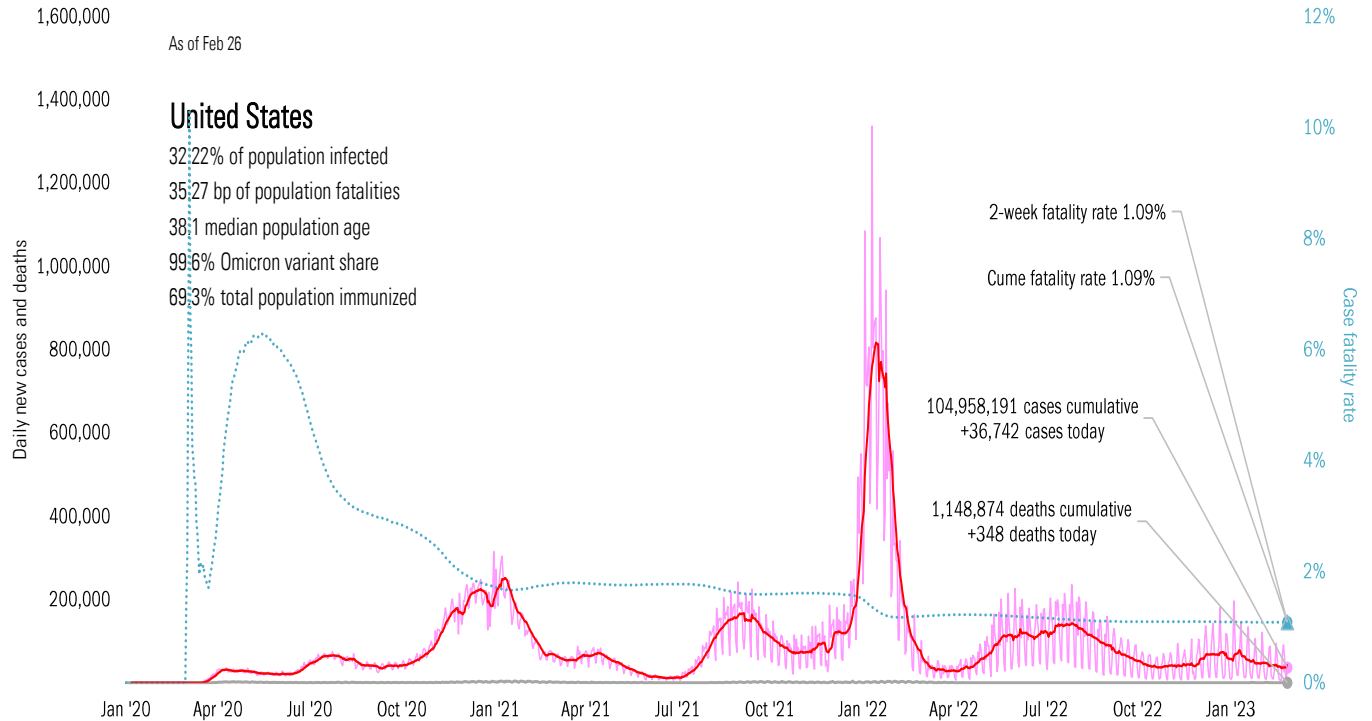
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	4,721		FL	83		TX	319		CA	12,084,297		CA	100,816		TX	589,633		DC	87%	AL	88%
CA	3,910		NE	52		CA	458		TX	8,434,751		TX	93,161		CA	568,678		MA	87%	TX	87%
TX	1,947		CA	33		NC	123		FL	7,516,906		FL	86,294		FL	533,341		RI	86%	WV	85%
CO	1,779		PA	16		PA	178		NY	6,777,288		NY	77,081		NY	354,949		DE	85%	DC	85%
GA	1,748		MA	15		MA	105		IL	4,062,200		PA	50,168		CH	244,509		WV	85%	NC	83%
IL	1,607		AR	13		TN	75		PA	3,512,137		GA	42,332		GA	242,513		MO	85%	RI	83%
PA	1,431		MI	13		MI	108		NC	3,459,600		MI	41,957		PA	230,931		MN	85%	VT	82%
NC	1,375		GA	12		SC	48		CH	3,382,995		CH	41,686		IL	214,073		WA	83%	MA	82%
NE	1,327		NY	10		GA	101		GA	3,061,485		IL	41,379		MI	180,877		AK	83%	NH	82%
CH	1,305		TN	10		IL	144		MI	3,049,739		NJ	35,950		NJ	163,412		MD	82%	GA	81%
21,150			257			1,659			55,341,398			610,824			3,322,916						
All states	36,742			348			3,409		All states	104,958,191			1,148,874			6,019,702		All states	70%		67%
Top ten	58%			74%			49%		Top ten	54%			55%			55%		Median	77%		75%

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
AR	-426	AK	0	AZ	-31
NY	-98	AL	0	FR	-30
AK	0	AR	0	ME	-26
AL	0	AZ	0	NY	-23
AZ	0	CA	0	WA	-19

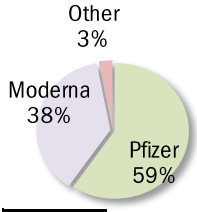


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	688,366,343		+0.087 million		US	69.3%	81.1%
			Of which boosters: +0.057 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	277,898,222	83%	236,838,532	71%	+0.012 million	Spain	85.6%
Age 12 to 17	18,482,537	73%	15,816,171	63%	+0.001 million	Germany	76.2%
Age 18 to 64	184,737,782	91%	156,964,732	77%	+0.007 million	Italy	81.2%
Age 65 and over	61,102,011	100%	53,519,329	98%	+0.002 million	Australia	82.7%
						Israel	65.2%
						Canada	82.6%
						Japan	83.4%
						Africa	29.3%
						India	67.2%
						Brazil	81.7%
						China	89.5%



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

AK	73.0%
	65.1%

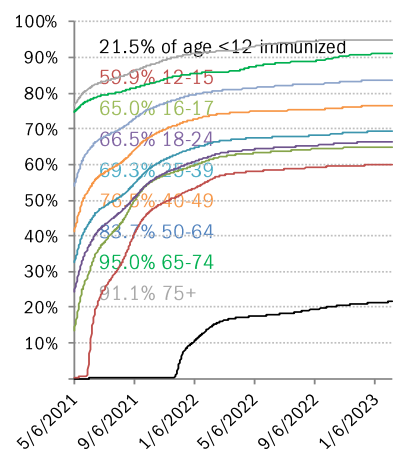
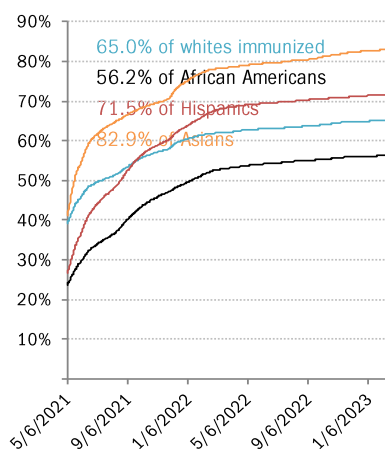
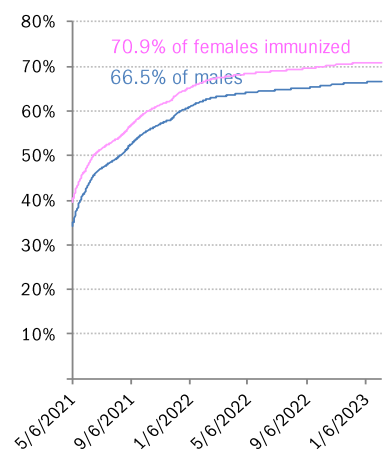
WI	75.1%
	68.2%

As of Feb 24

ME	95.0%
	83.4%

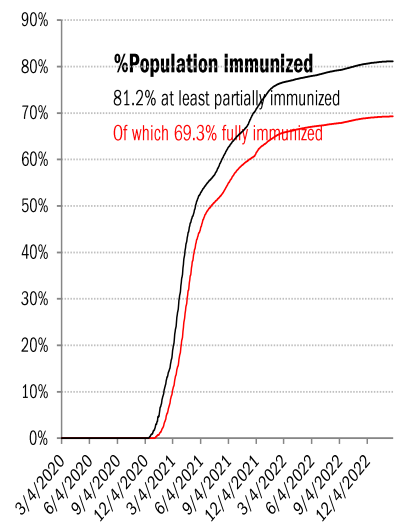
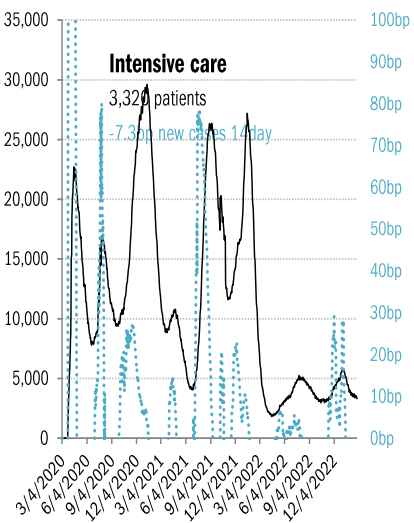
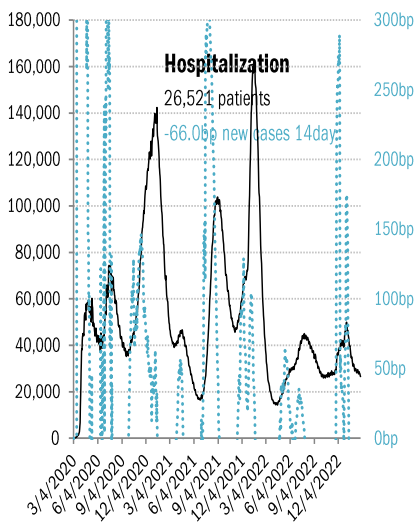
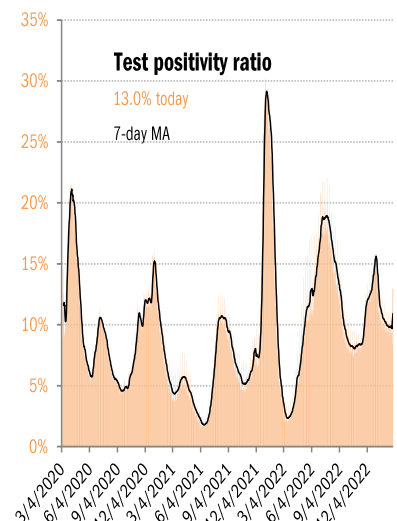
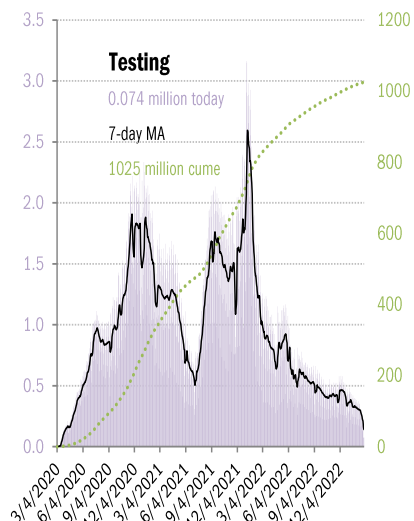
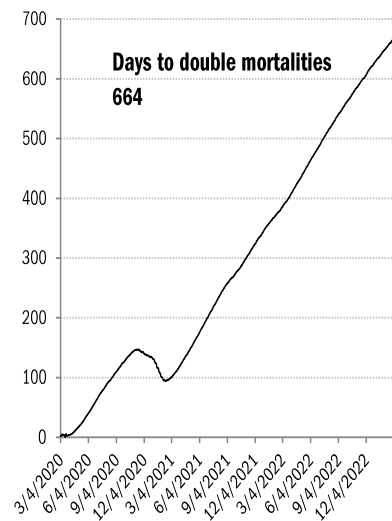
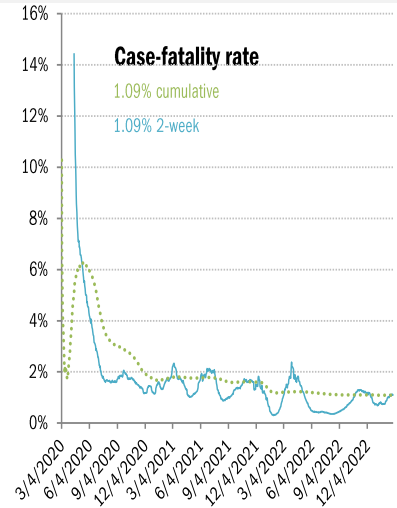
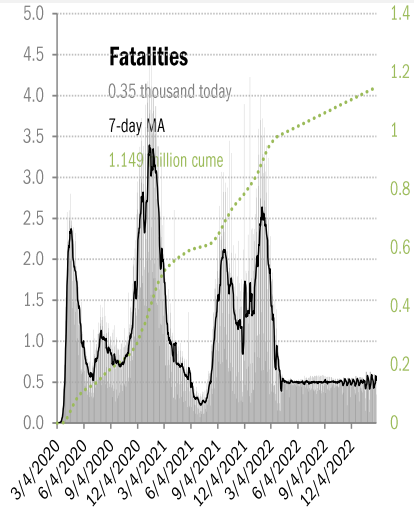
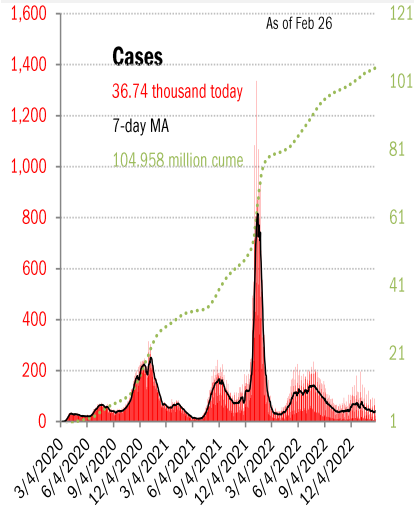
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.3%	63.9%	68.3%	69.4%	78.8%	79.2%	69.4%	94.5%	95.0%	88.2%	
76.1%	56.5%	59.2%	58.7%	72.2%	71.4%	62.3%	80.8%	85.7%	72.0%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.7%	77.6%	60.9%	83.9%	70.7%	64.4%	65.8%	90.7%	94.7%	95.0%	
72.4%	63.7%	53.0%	66.3%	64.4%	57.7%	60.5%	73.4%	79.1%	84.3%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.8%	75.3%	83.7%	73.4%	69.3%	68.9%	67.5%	91.0%	91.8%	95.0%	95.0%
74.7%	66.8%	73.5%	66.3%	59.1%	59.6%	59.7%	76.6%	79.7%	83.0%	87.7%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	77.9%	94.4%	76.2%	69.9%	64.4%	92.3%	71.0%	95.0%	88.2%	
	66.1%	75.2%	65.3%	56.9%	56.3%	67.2%	59.9%	90.5%	73.3%	
			OK	LA	MS	AL	GA			
			74.6%	62.8%	61.7%	65.0%	68.4%			
			60.5%	55.0%	53.7%	53.2%	57.3%			
			TX					FL		PR
			76.4%					82.5%		90.9%
			63.3%					69.4%		84.1%

The demographics of US vaccination

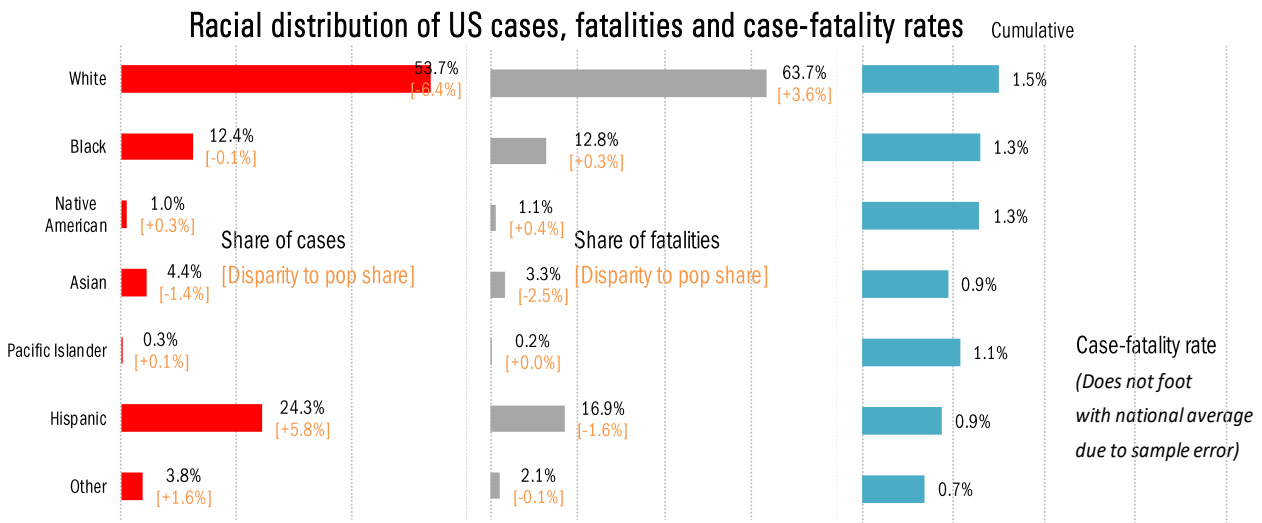
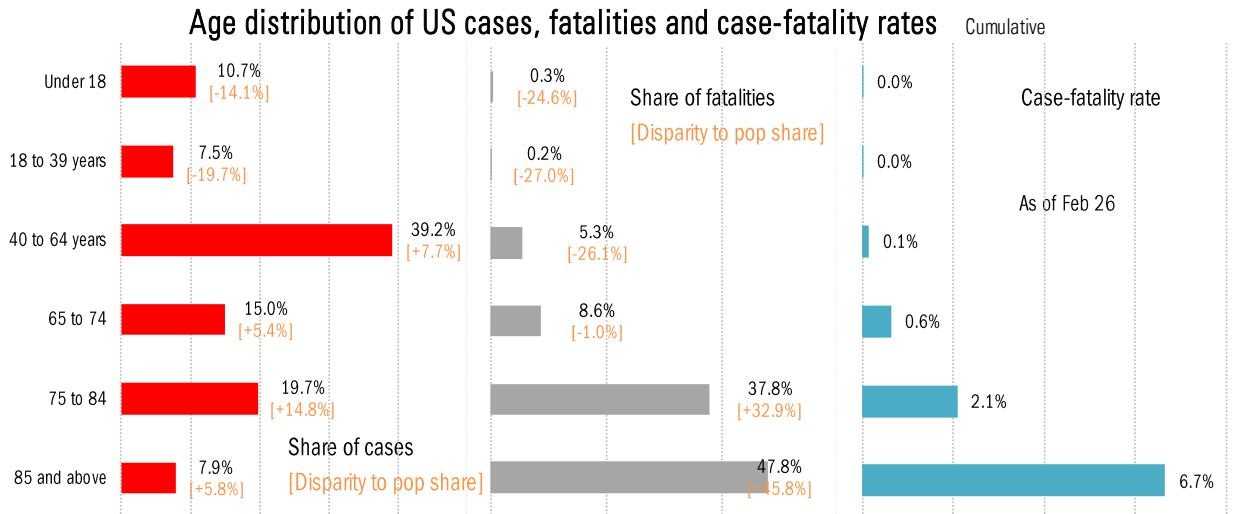


Source: CDC, CDC, Our World in Data, TrendMacro calculations

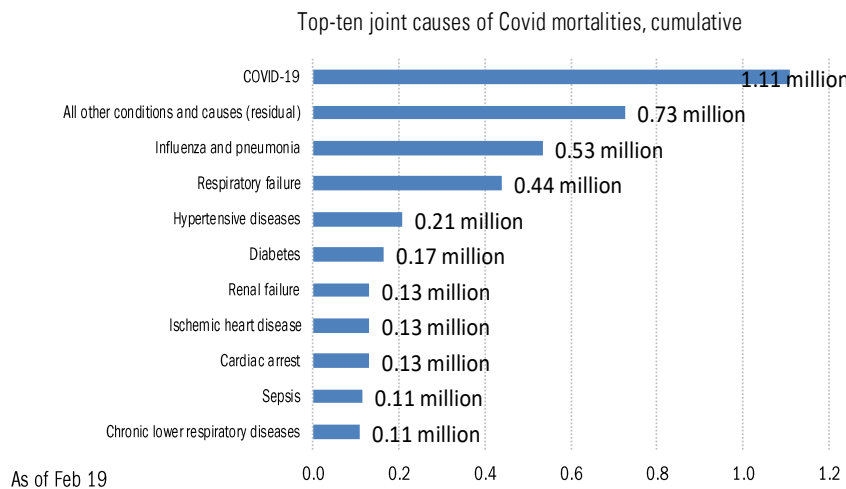
US deep-dive



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

[Three Years Late, the Lancet Recognizes Natural Immunity](#)

Allysia Finley
Wall Street Journal
February 26, 2023

[Burned Out, More Americans Are Turning to Part-Time Jobs](#)

Lauren Weber
Wall Street Journal
February 25, 2023

[Another Turn in the Covid Lab-Leak Story](#)

Wall Street Journal
February 26, 2023

[Social Media is a Major Cause of the Mental Illness Epidemic in Teen Girls. Here's the Evidence.](#)

Jon Haidt
After Babel
February 22, 2023

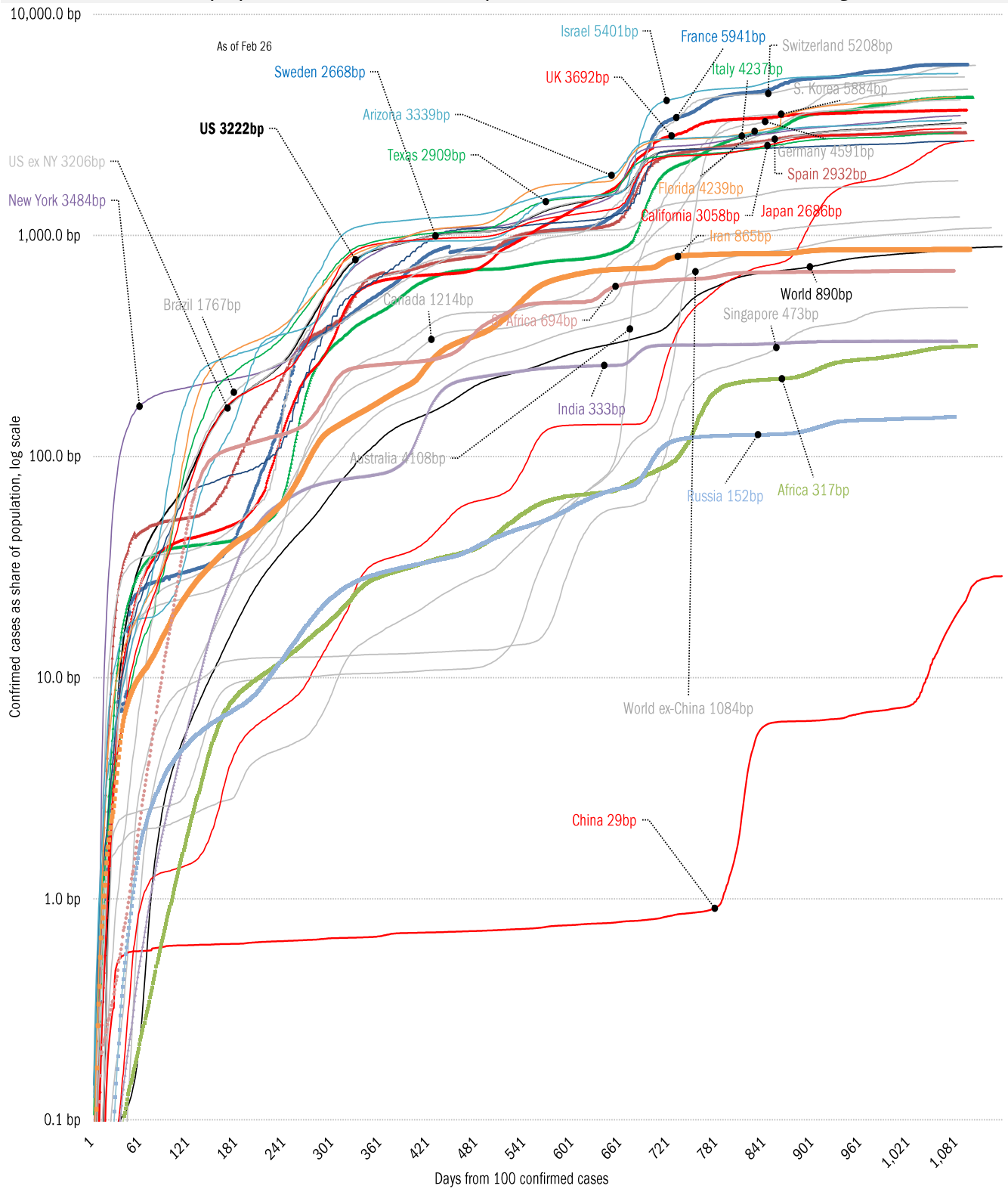
Meme of the Day



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

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

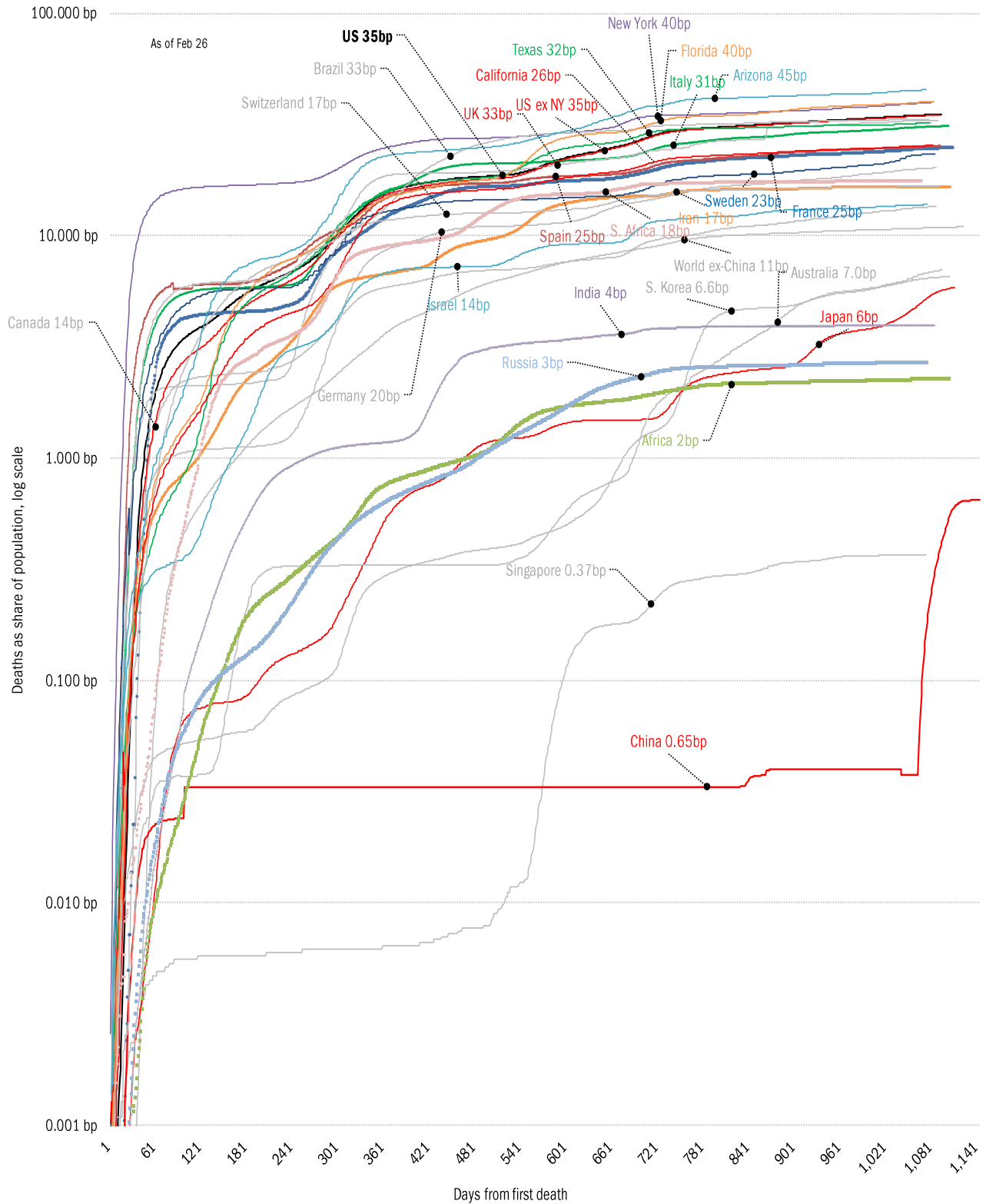
Share of infected population from first day with 100 confirmed cases, log scale



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

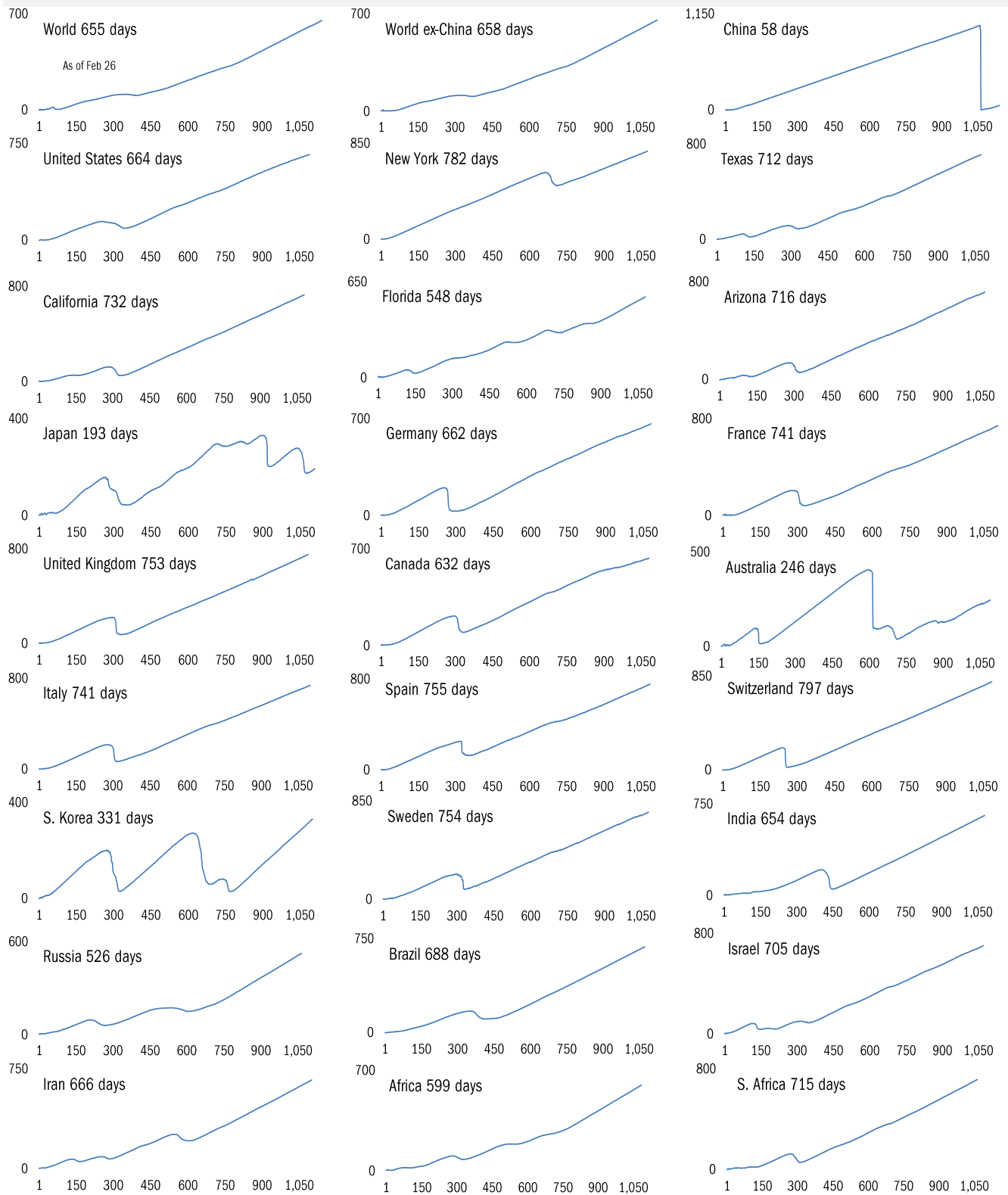


Source: [Johns Hopkins](#), TrendMacro calculations

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

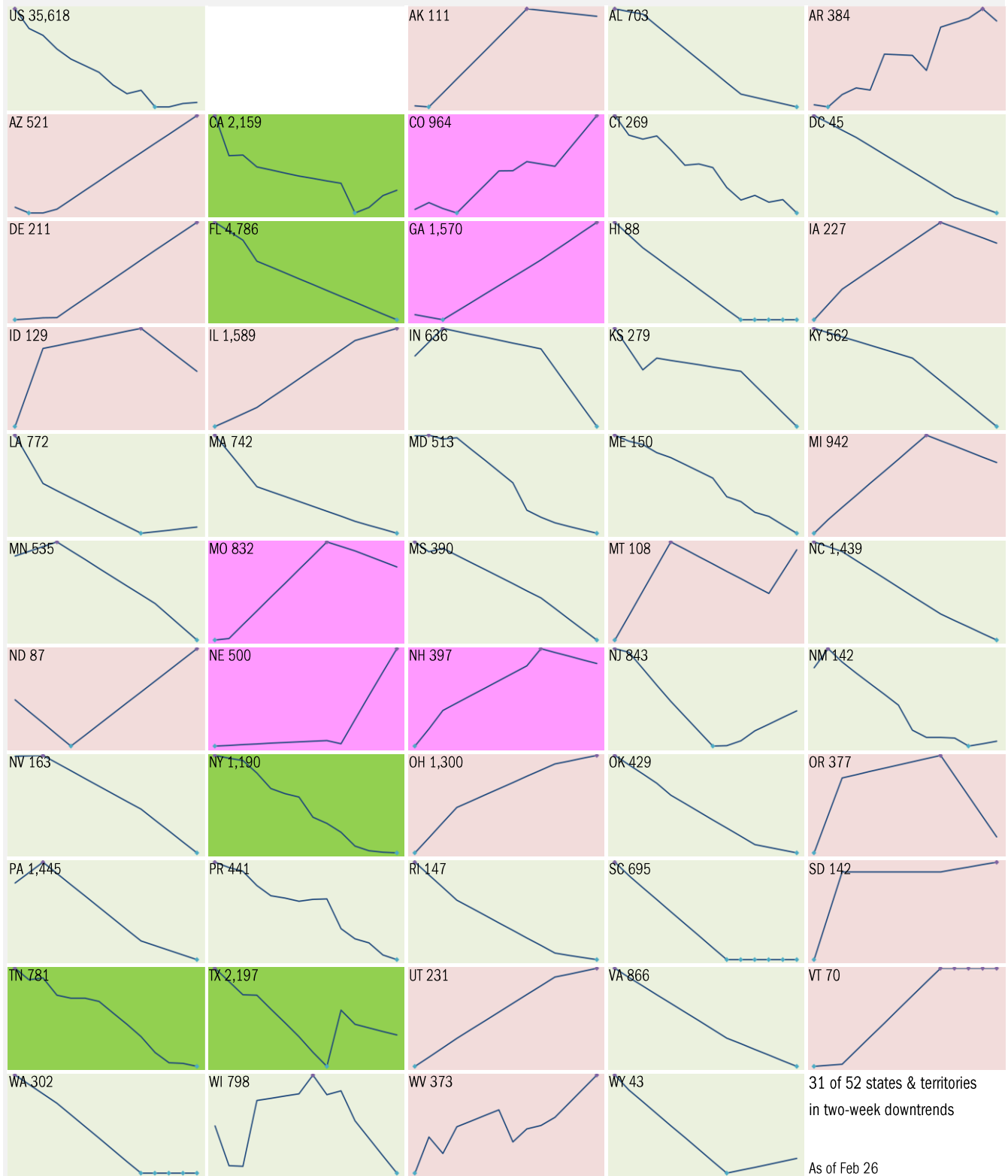


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

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



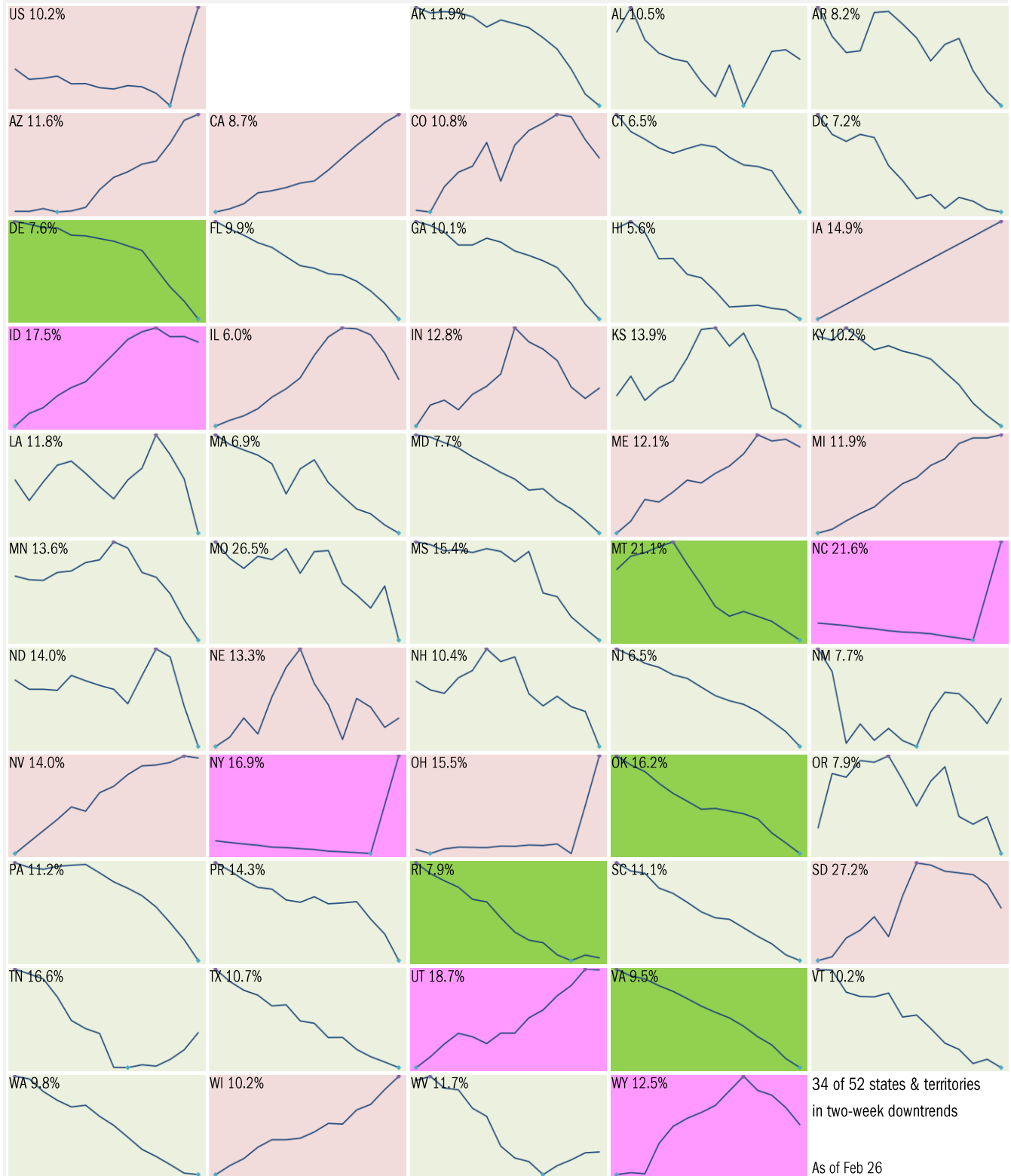
Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

As of Feb 26

14-day trajectory in test-positivity ratio

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

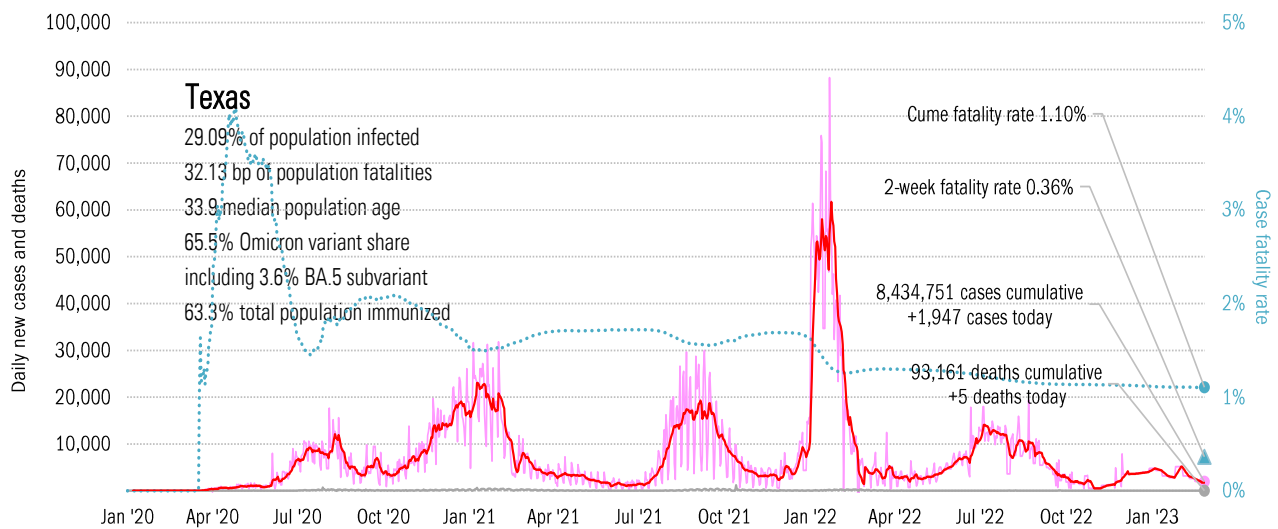
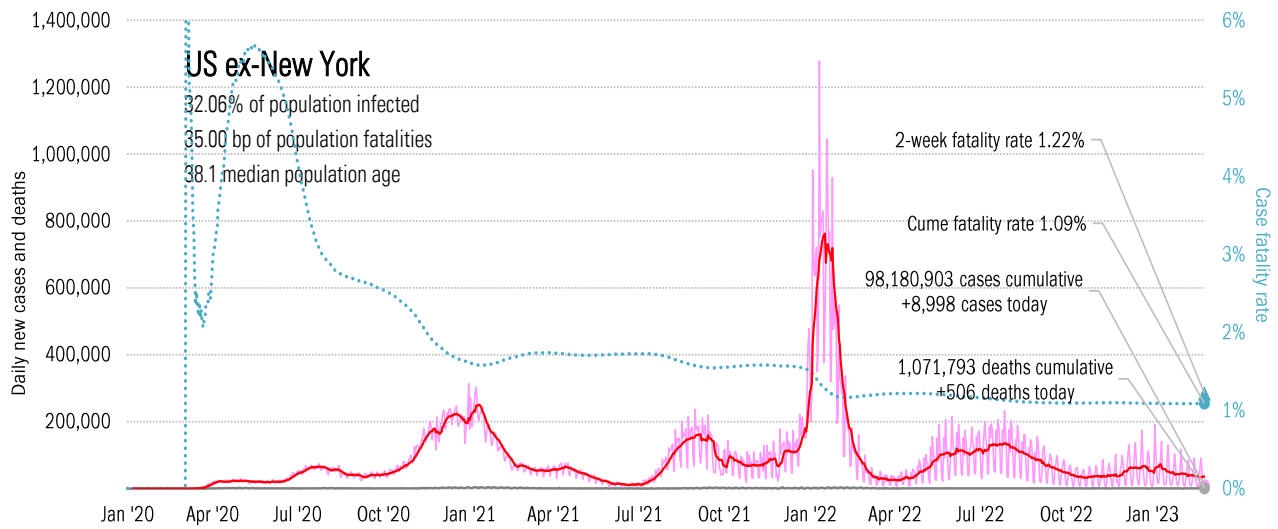
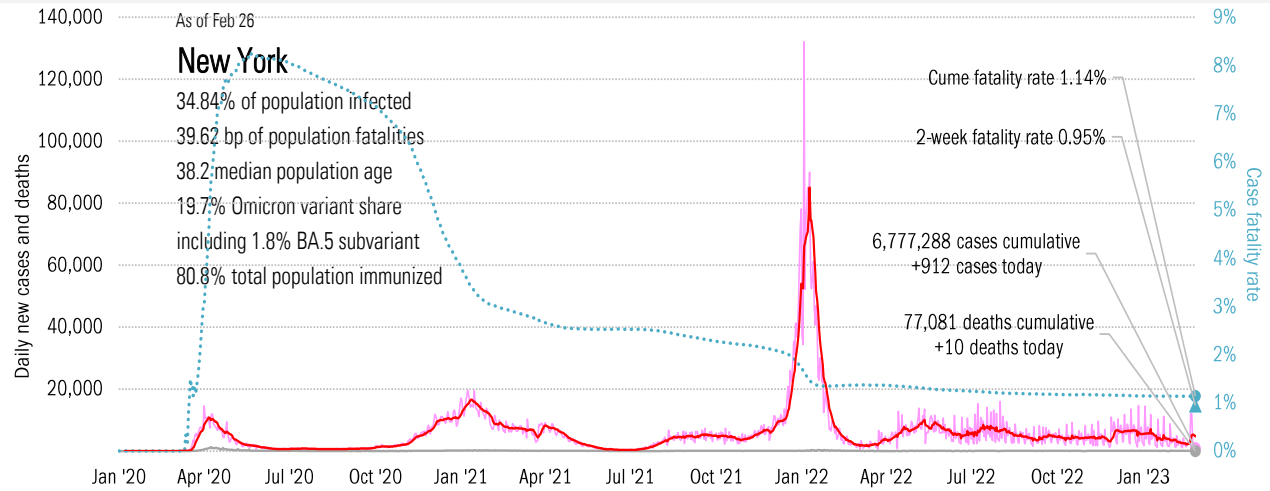
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



Source: [Covid Act Now](https://covidactnow.com), TrendMacro calculations

From Ground Zero to the Rio Grande

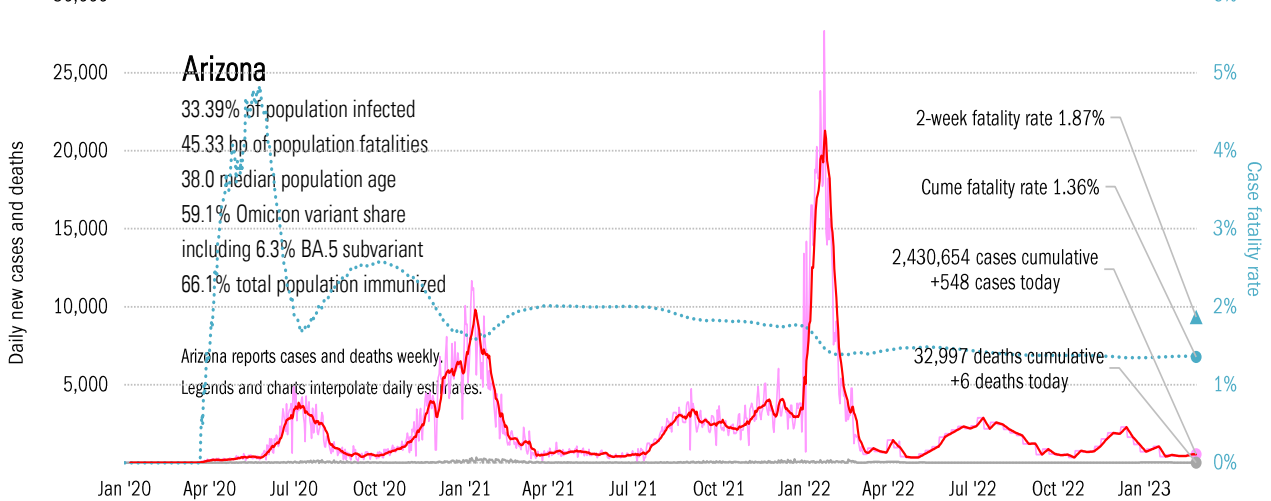
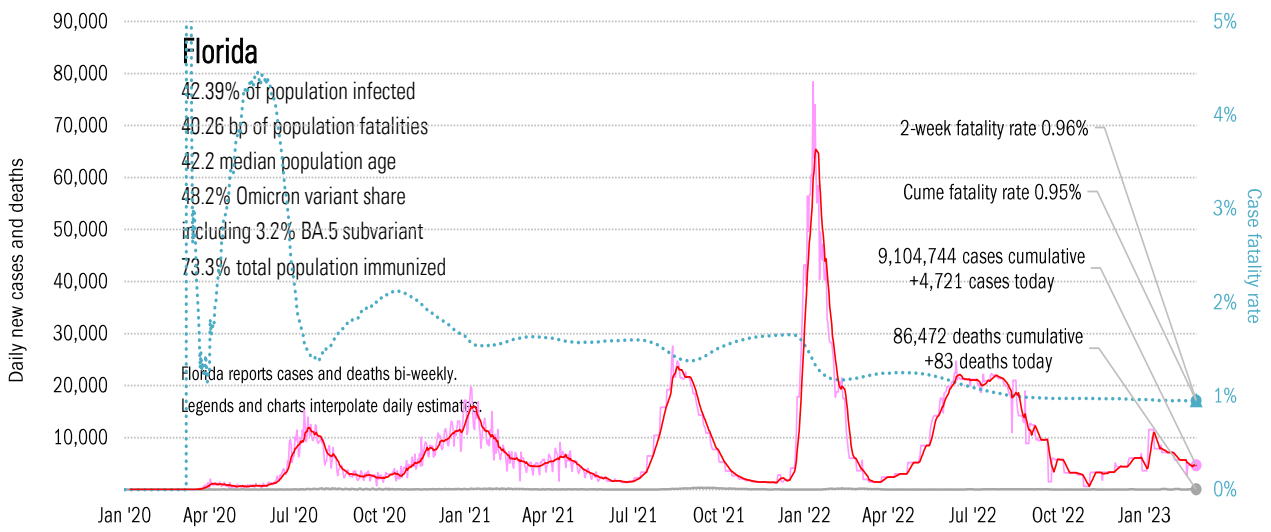
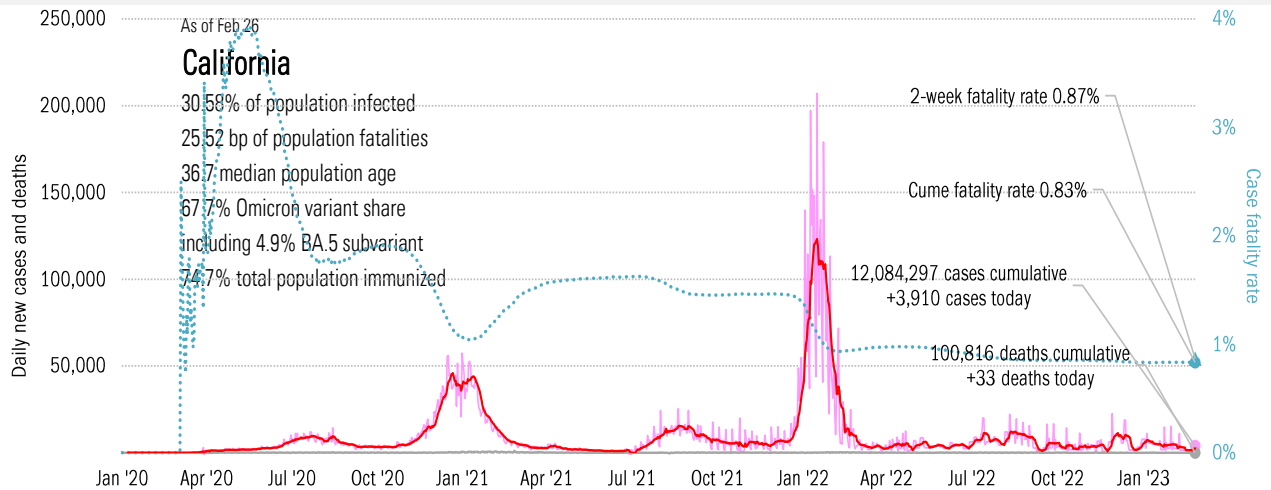
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

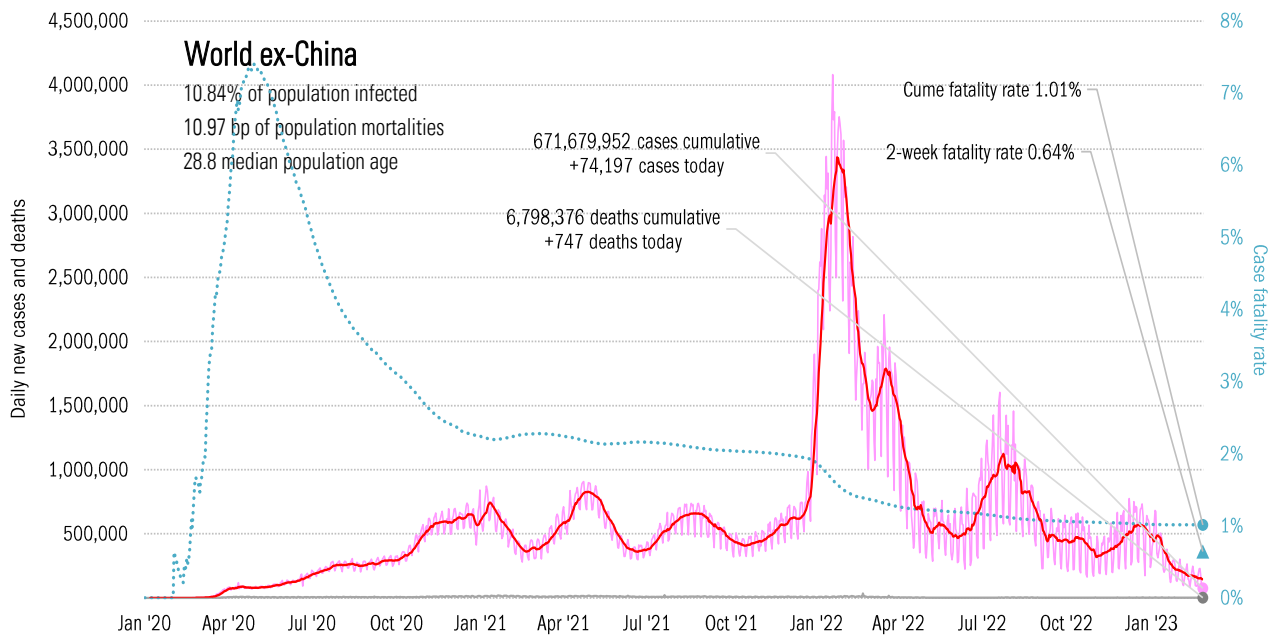
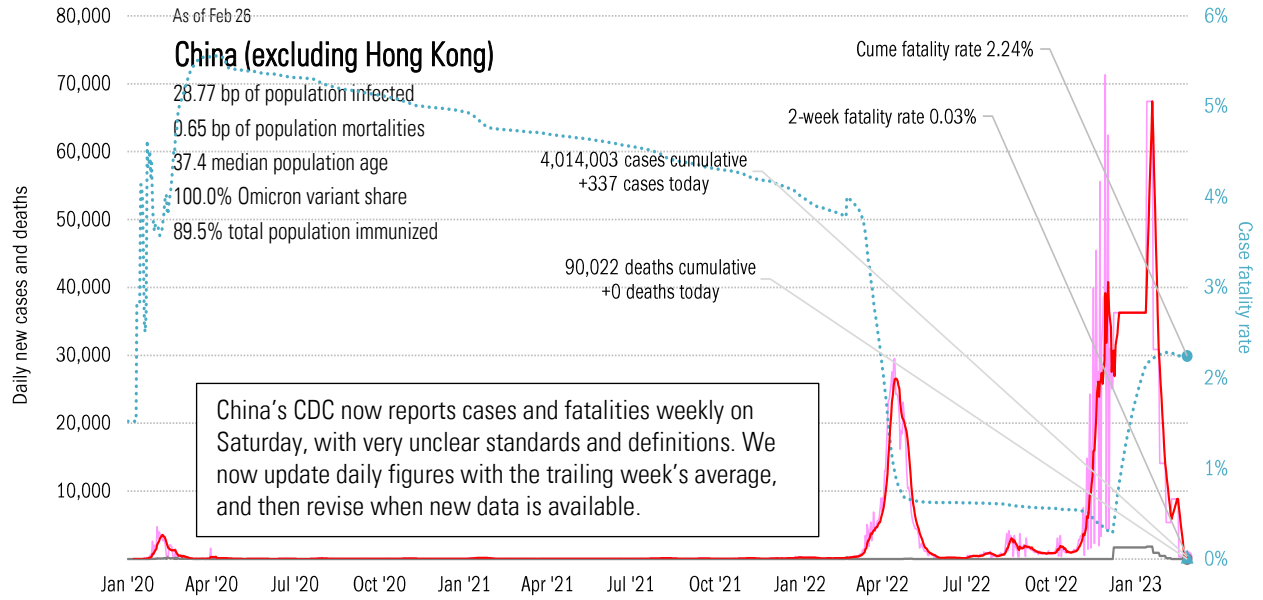
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

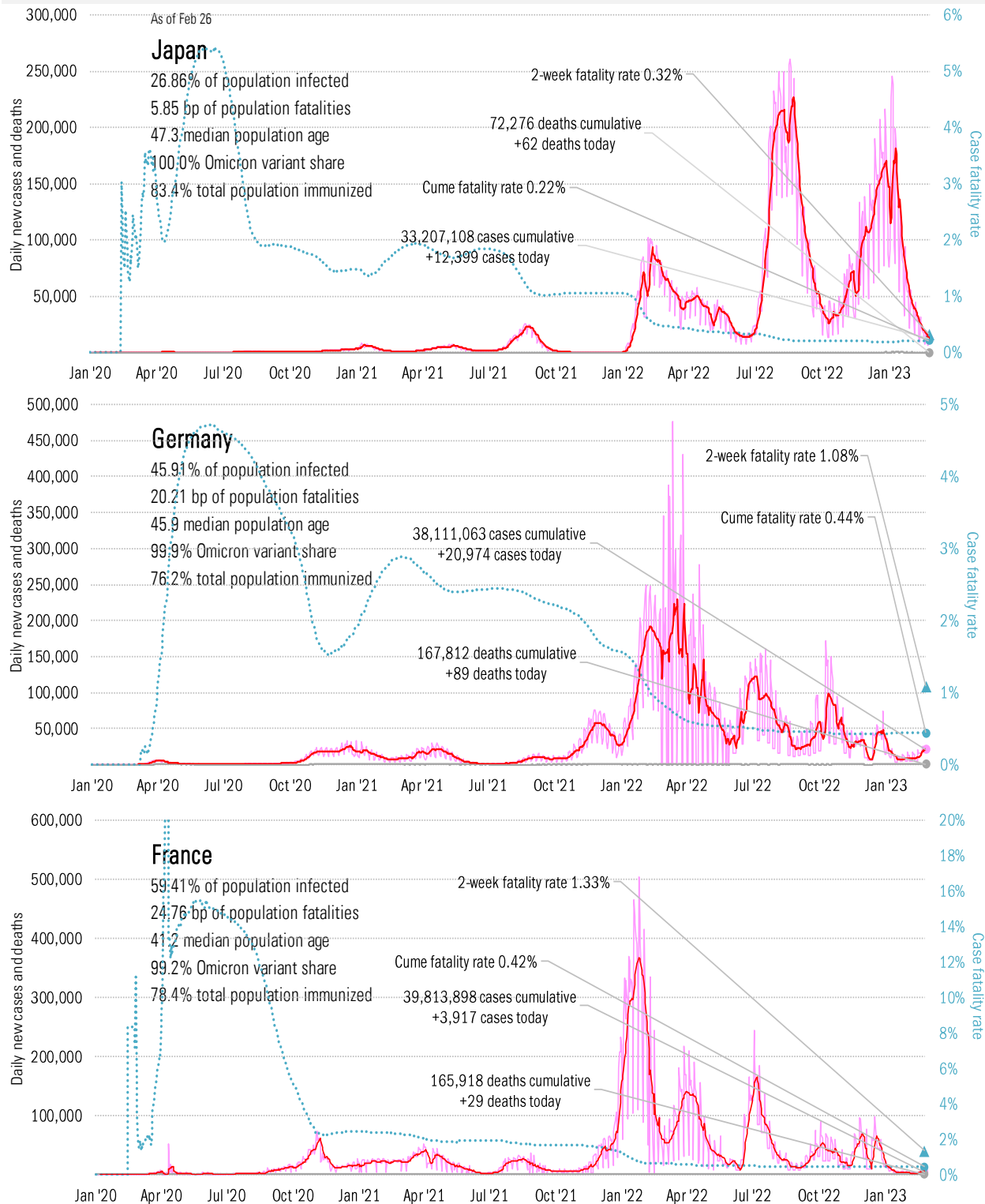
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

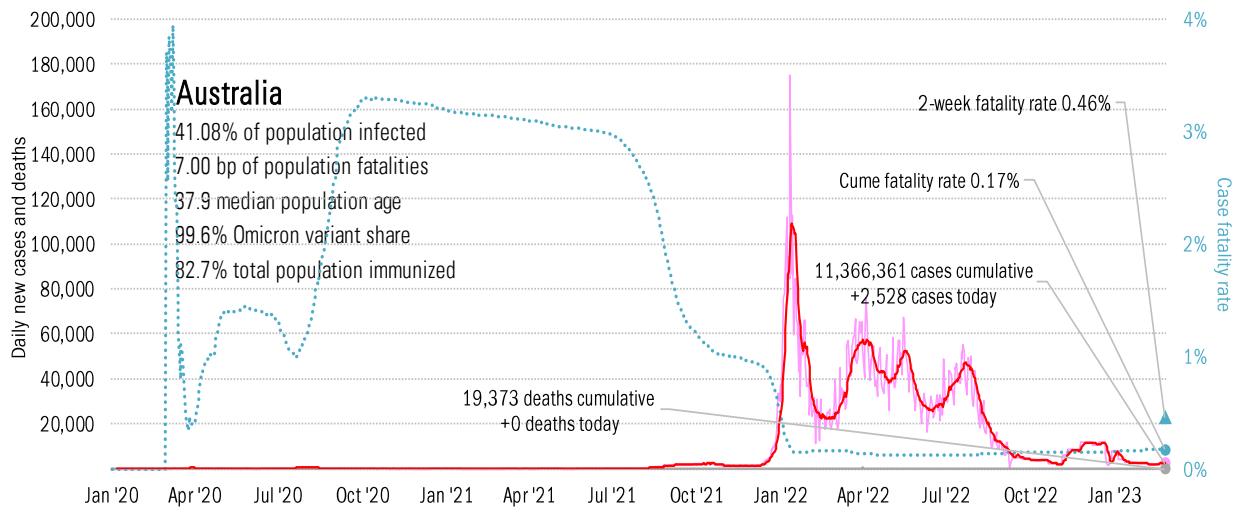
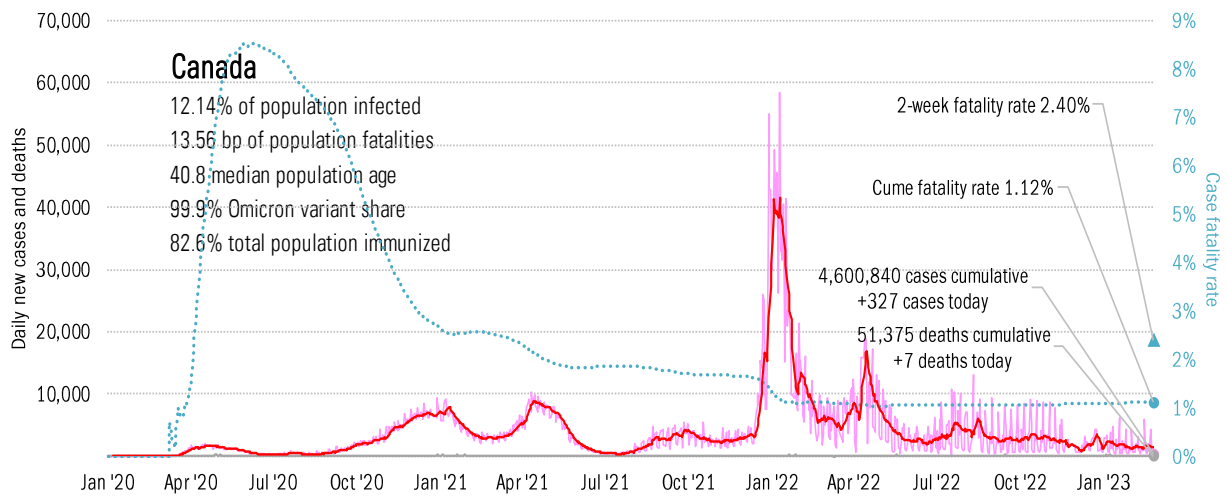
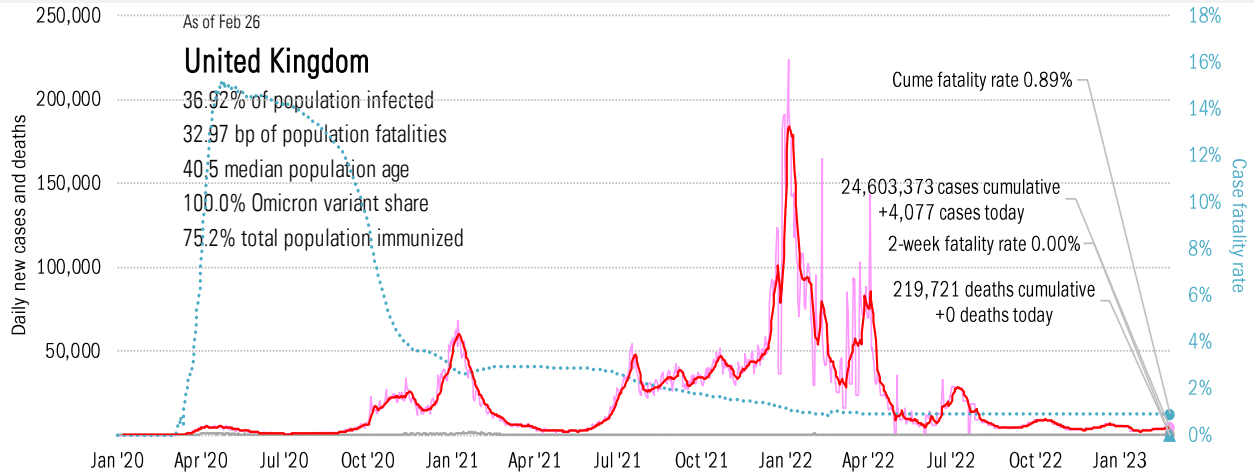
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

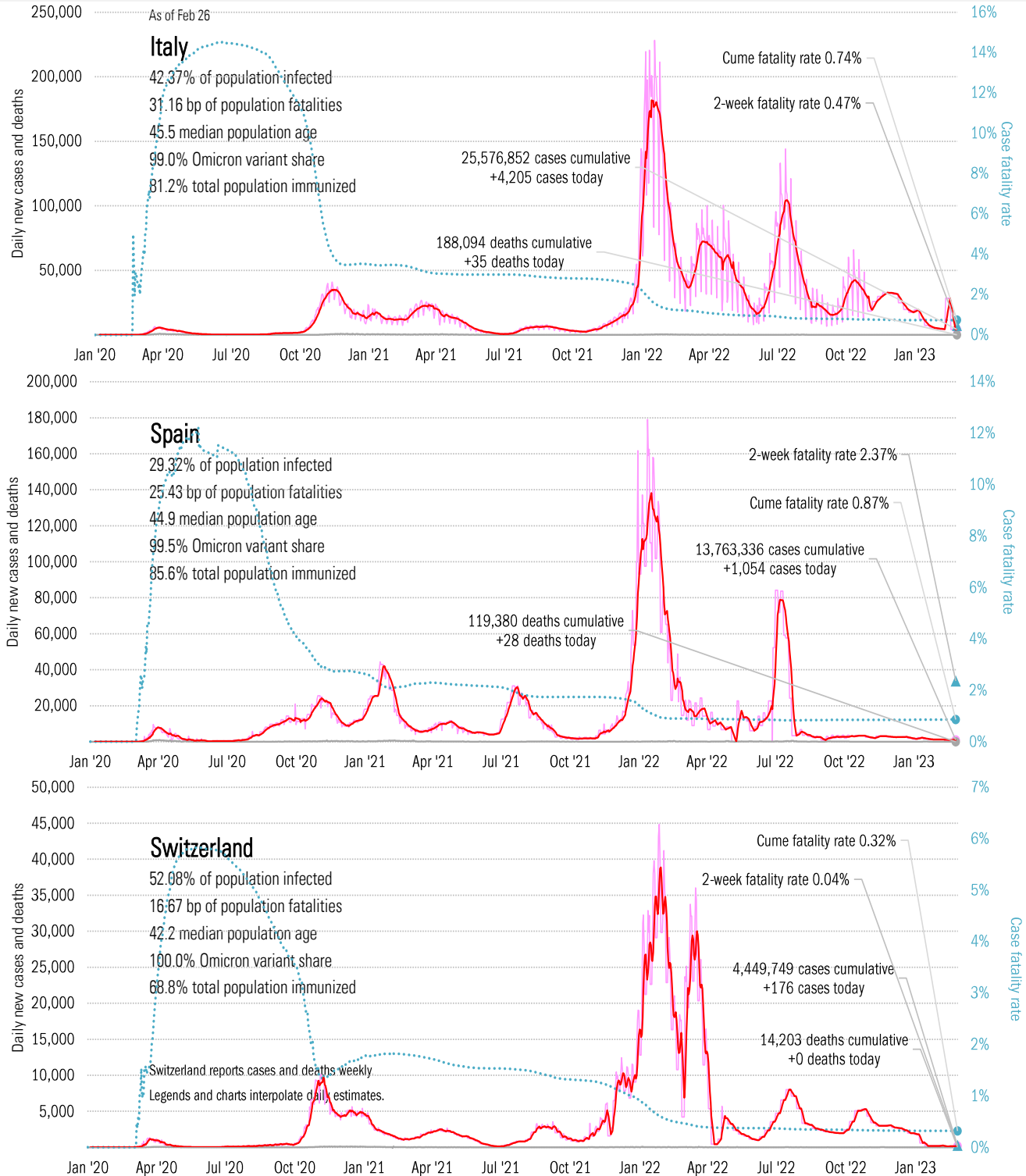
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

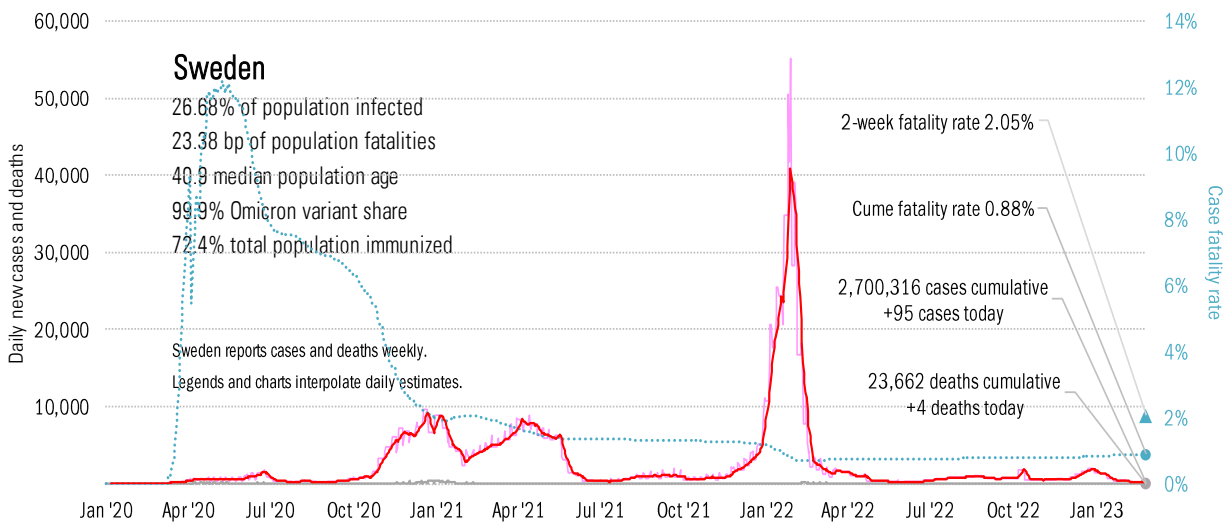
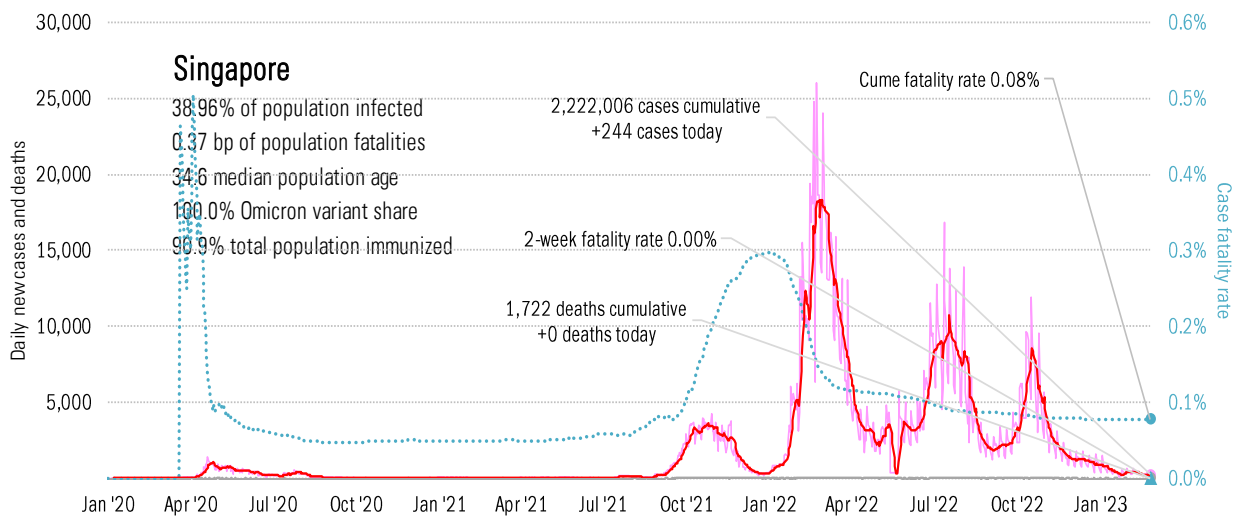
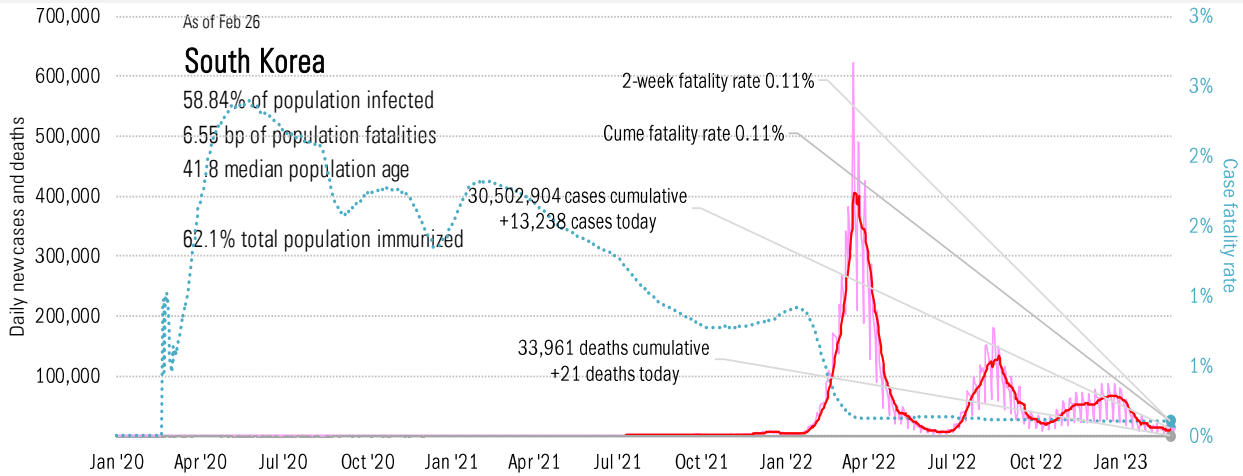
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

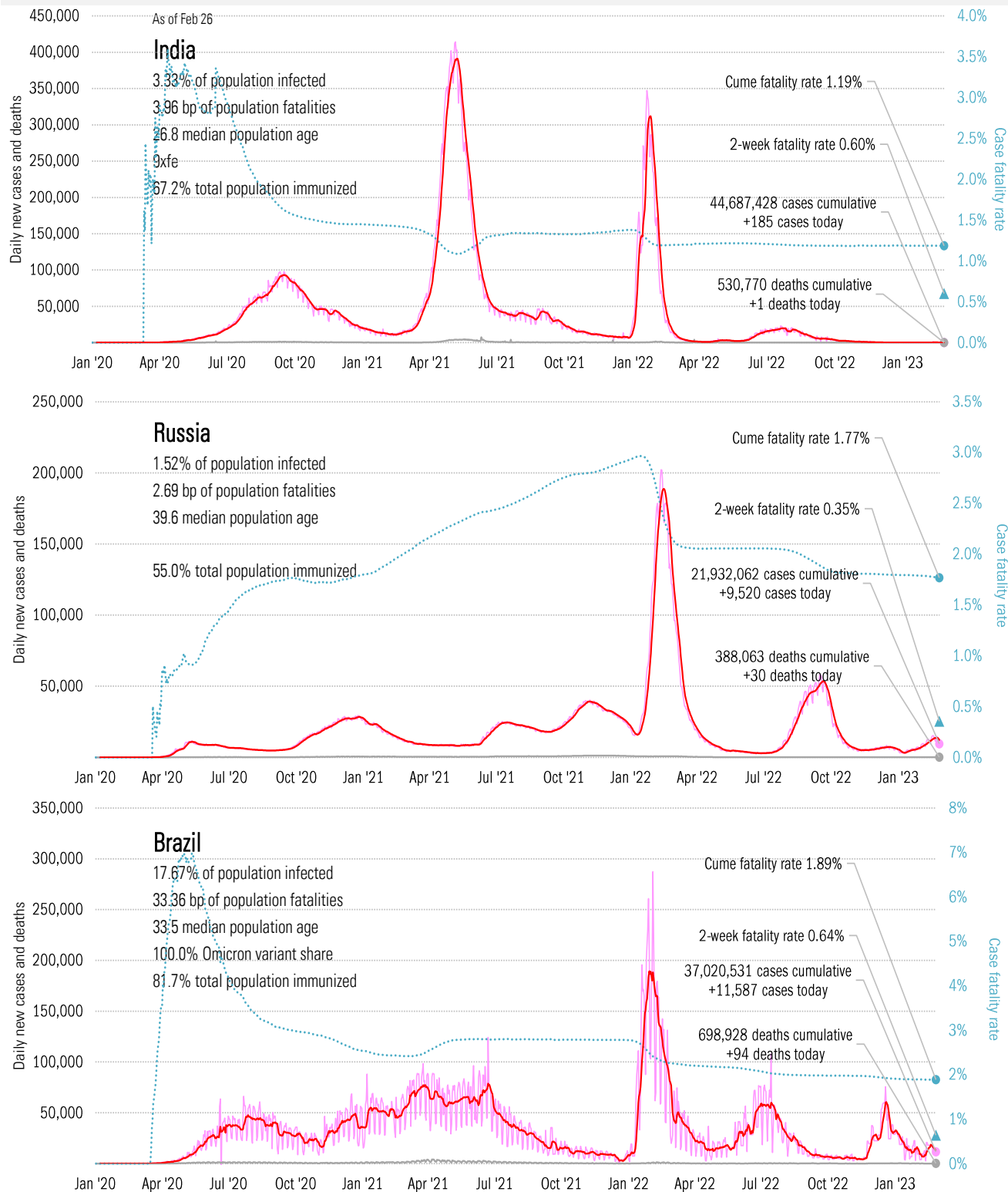
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

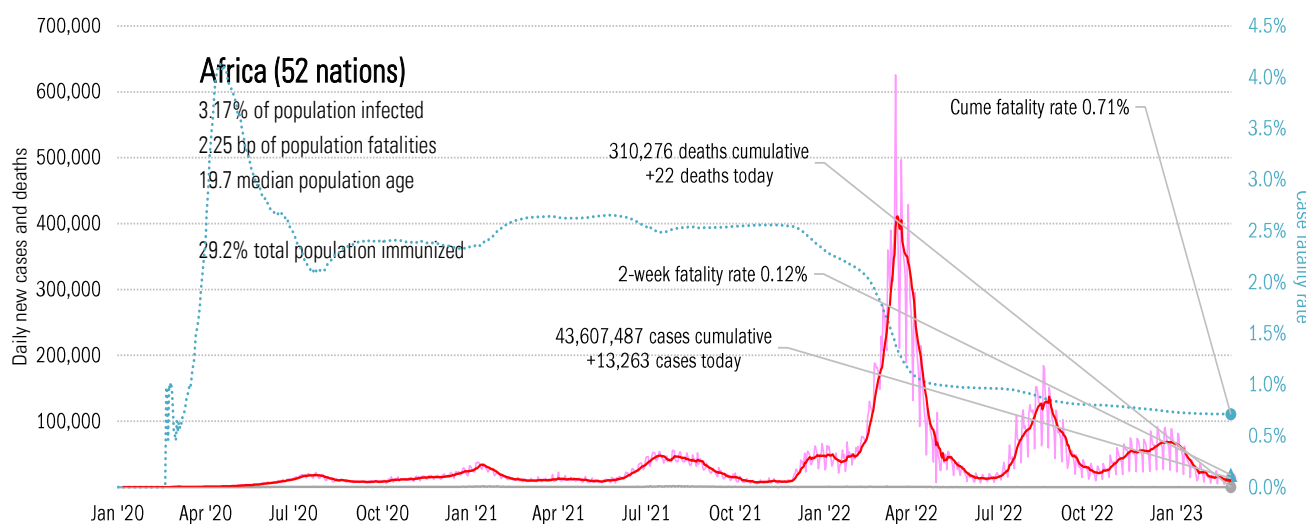
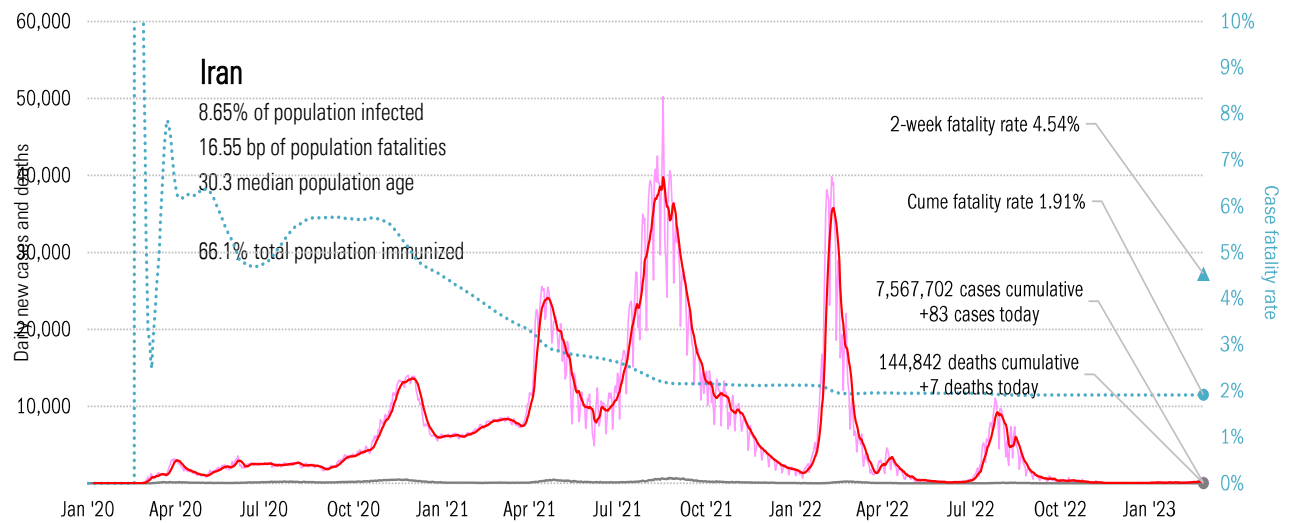
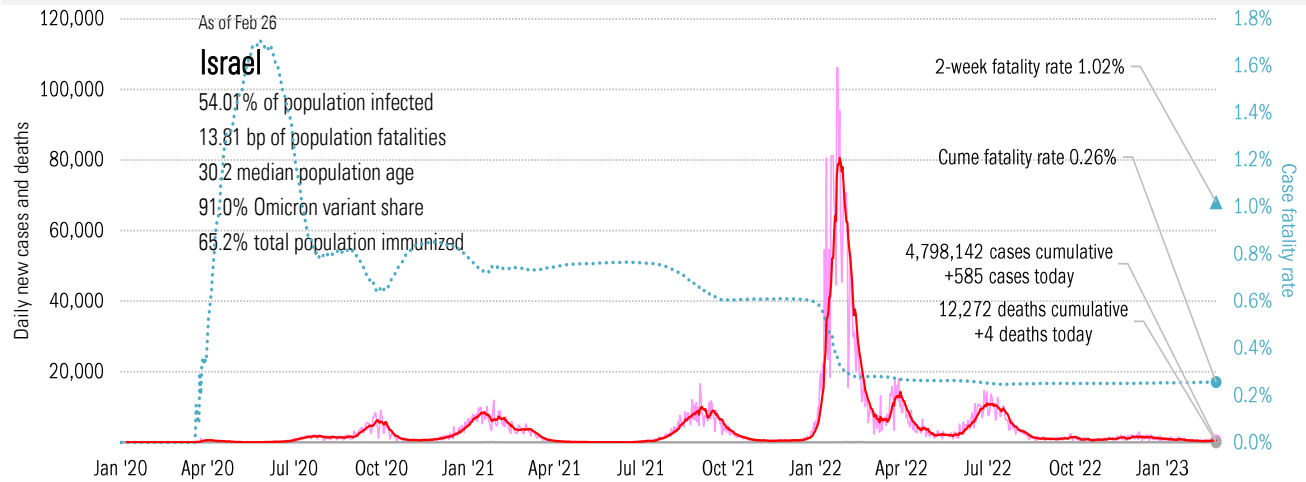
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

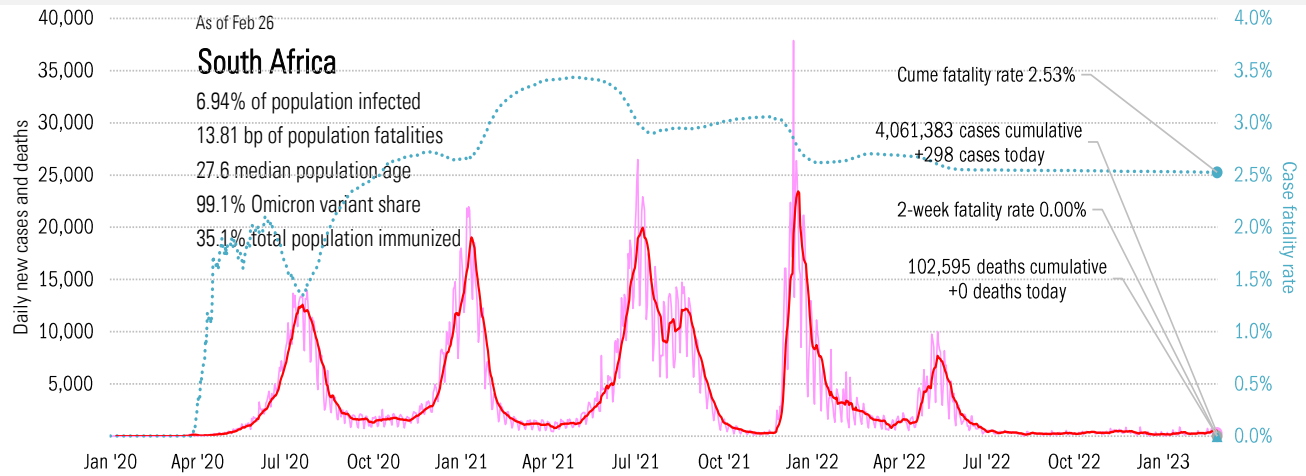
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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