

Data Insights: Covid-2019 Monitor

Tuesday, February 28, 2023

The global scorecard

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

The worst ten countries (see China note page 14)

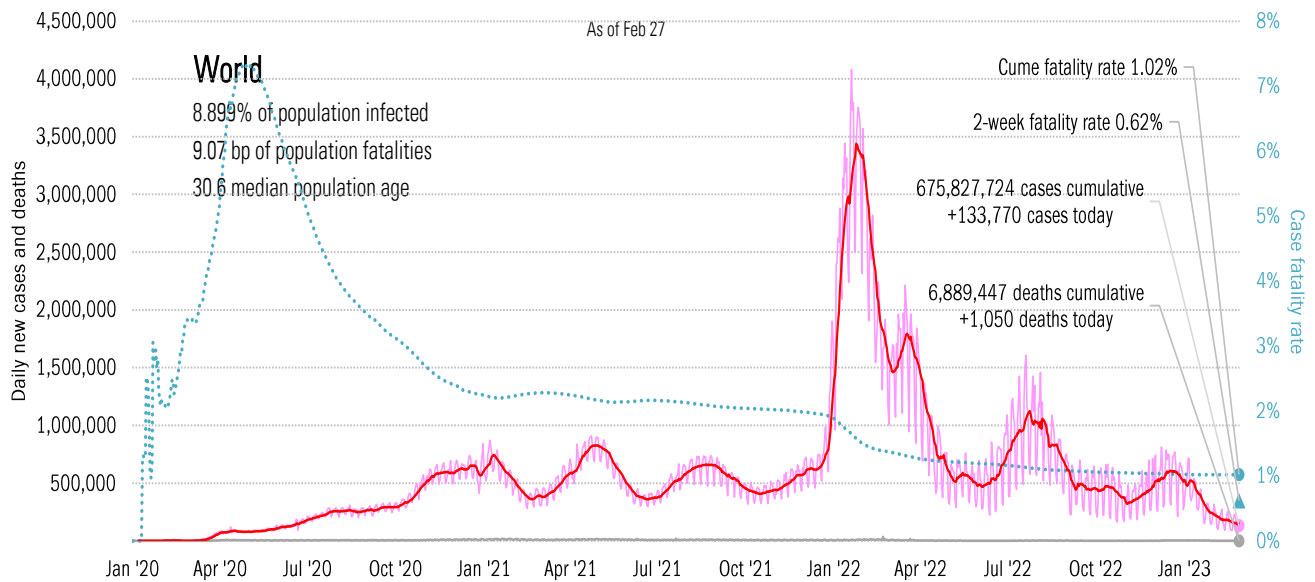
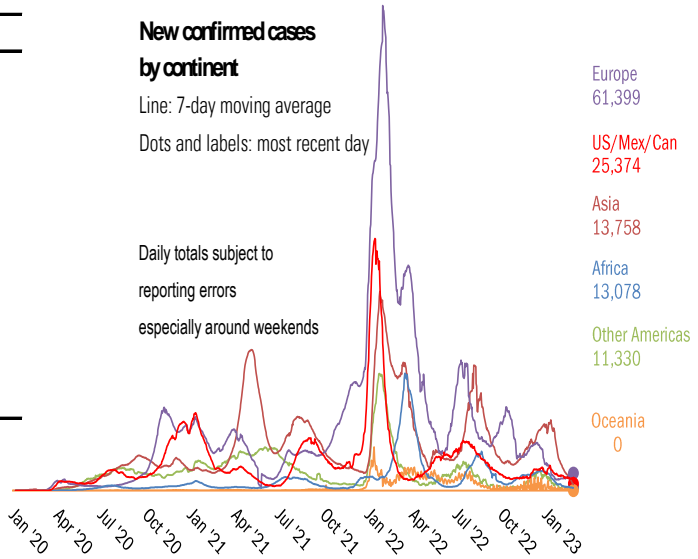
New cases		New Deaths	
United States	37,010	United States	276
Brazil	17,699	Germany	139
Germany	10,990	Brazil	78
Korea, South	10,817	France	52
Russia	9,477	Japan	52
Japan	5,330	Italy	35
Romania	5,211	Romania	29
Italy	4,205	Russia	28
United Kingdom	4,077	Spain	28
Austria	3,467	Peru	23
108,283		740	
World	133,770	World	1,050
Top ten	81%	Top ten	70%

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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

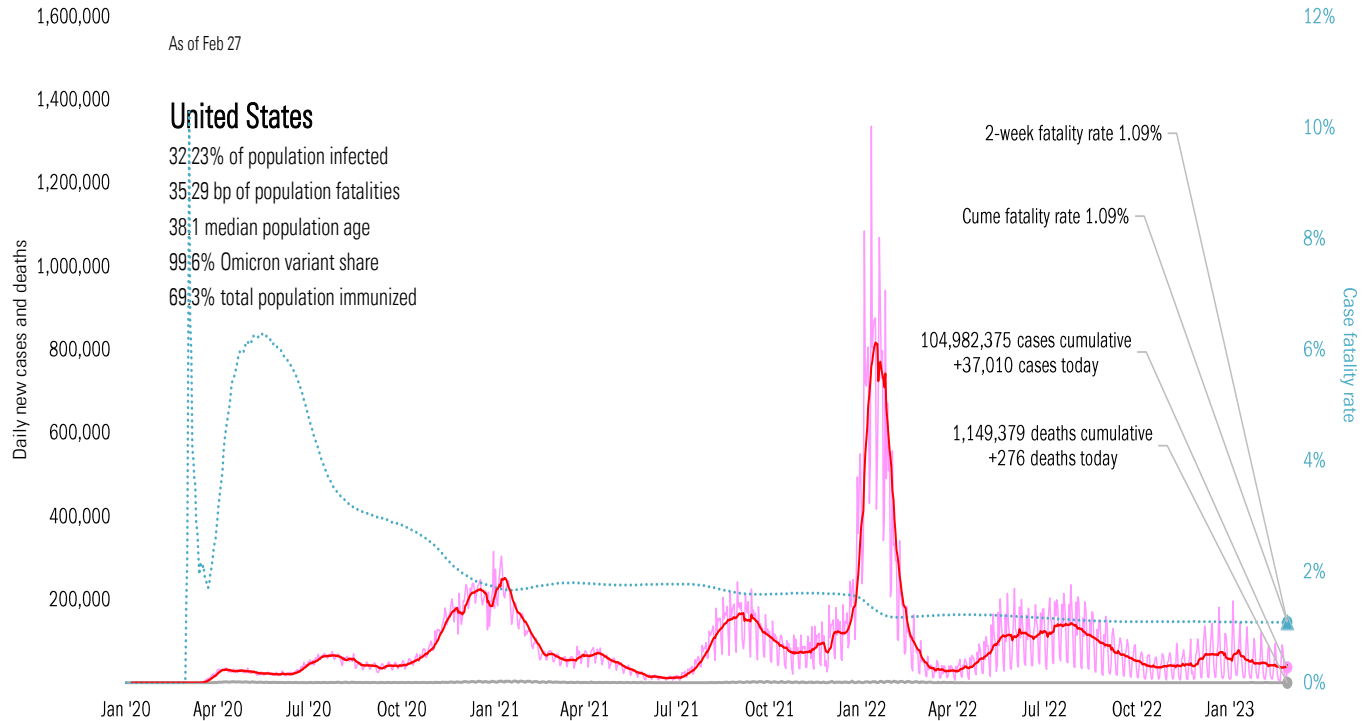
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	4,721		FL	83		NC	123		CA	12,084,297		CA	100,816		TX	589,615		MA	87%	AL	88%
CA	3,910		NE	52		FL	233		TX	8,435,431		TX	93,166		CA	569,113		DC	86%	TX	85%
NY	2,948		CA	33		MA	105		FL	7,516,906		FL	86,294		FL	533,587		DE	85%	WV	85%
NJ	2,304		PA	16		NY	204		NY	6,780,236		NY	76,986		NY	355,154		RI	85%	DC	84%
GA	1,748		MA	15		CA	439		IL	4,062,200		PA	50,168		CH	244,637		WV	85%	NC	83%
IL	1,607		AR	13		UT	26		PA	3,512,545		GA	42,332		GA	242,582		MN	85%	MA	82%
NC	1,375		WI	13		AR	26		NC	3,459,600		MI	41,957		PA	231,031		CT	83%	AK	81%
NE	1,327		MI	13		AL	49		CH	3,382,995		CH	41,686		IL	214,185		AK	83%	CK	81%
CH	1,305		GA	12		MO	63		GA	3,061,485		IL	41,379		MI	180,937		WA	82%	AR	81%
AZ	960		MD	10		TN	66		MI	3,049,739		NJ	35,956		NJ	163,467		MO	82%	RI	81%
22,205			260			1,334			55,345,434			610,740			3,324,308						
All states	37,010			276			2,985		All states	104,982,375			1,149,379			6,022,328		All states	70%		67%
Top ten	60%			94%			45%		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	
TX	-1,267	NY	-105	TX	-51
CO	-1,257	AK	0	CA	-50
PA	-1,023	AL	0	IL	-49
KS	-249	AR	0	IN	-42
CT	-176	AZ	0	CO	-34

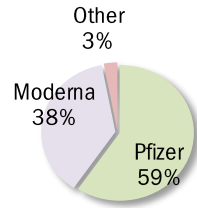


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

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%

"Immunity" = two doses

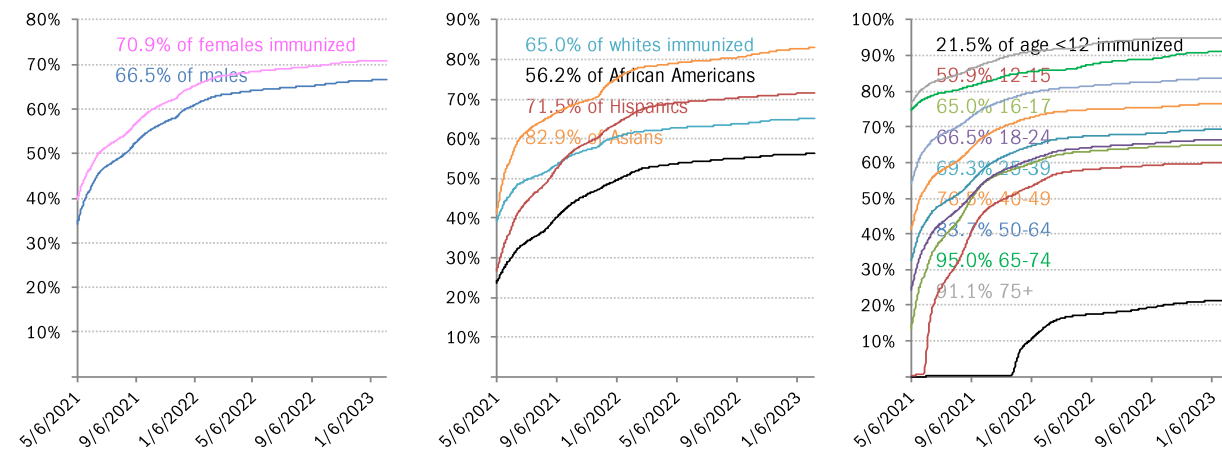
WI	75.1%
	68.2%

As of Feb 24

ME	95.0%
	83.4%

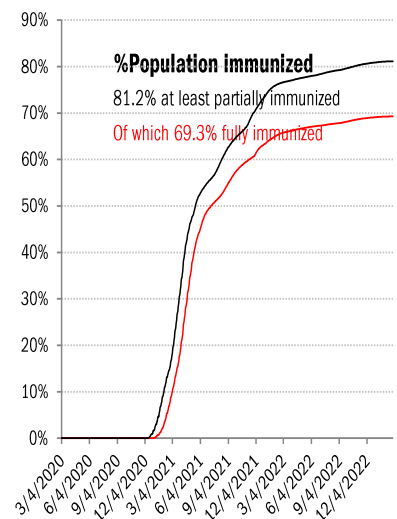
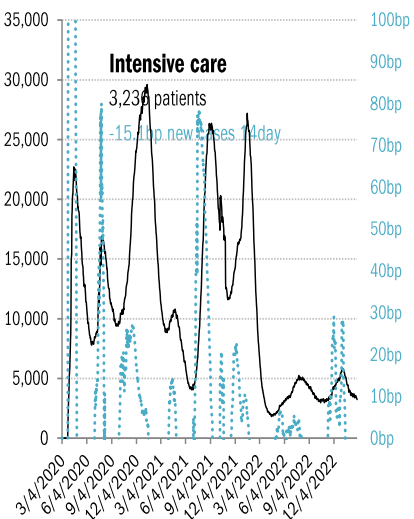
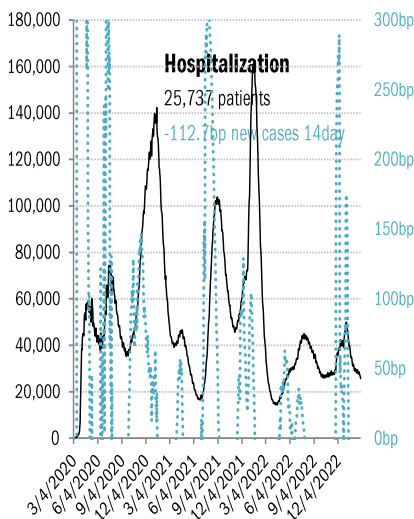
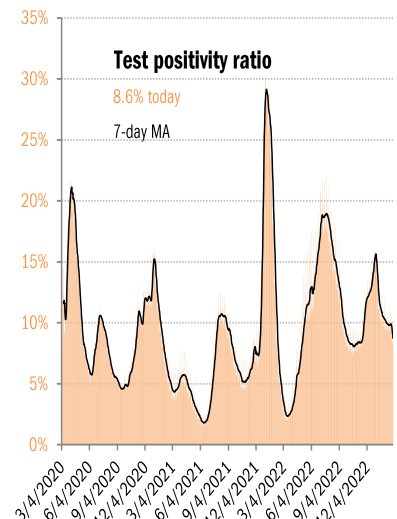
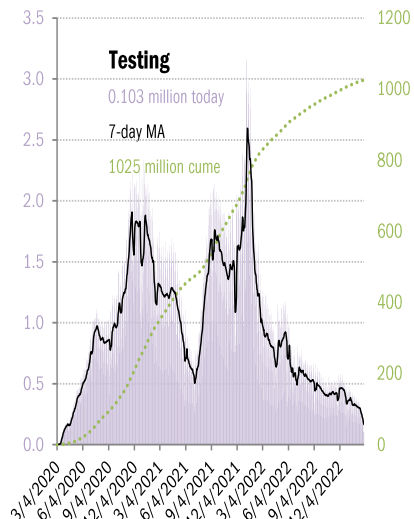
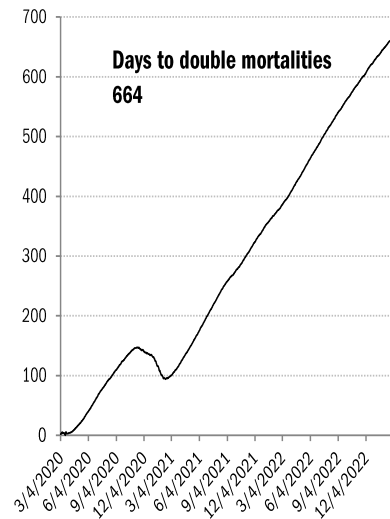
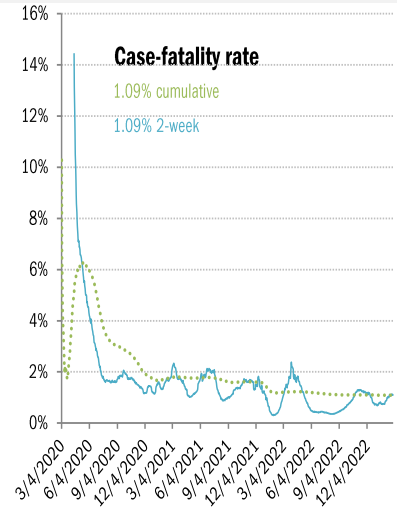
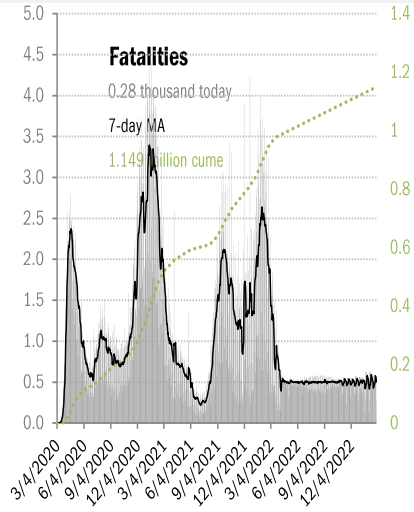
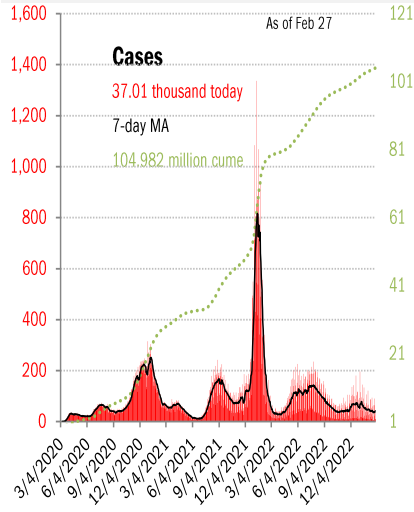
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.3%	63.9%	68.3%	69.4%	78.8%	79.2%	69.4%	94.5%	95.0%	88.2%	
76.1%	56.5%	59.2%	58.7%	72.2%	71.4%	62.3%	80.8%	85.7%	72.0%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.7%	77.6%	60.9%	83.9%	70.7%	64.4%	65.8%	90.7%	94.7%	95.0%	
72.4%	63.7%	53.0%	66.3%	64.4%	57.7%	60.5%	73.4%	79.1%	84.3%	
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

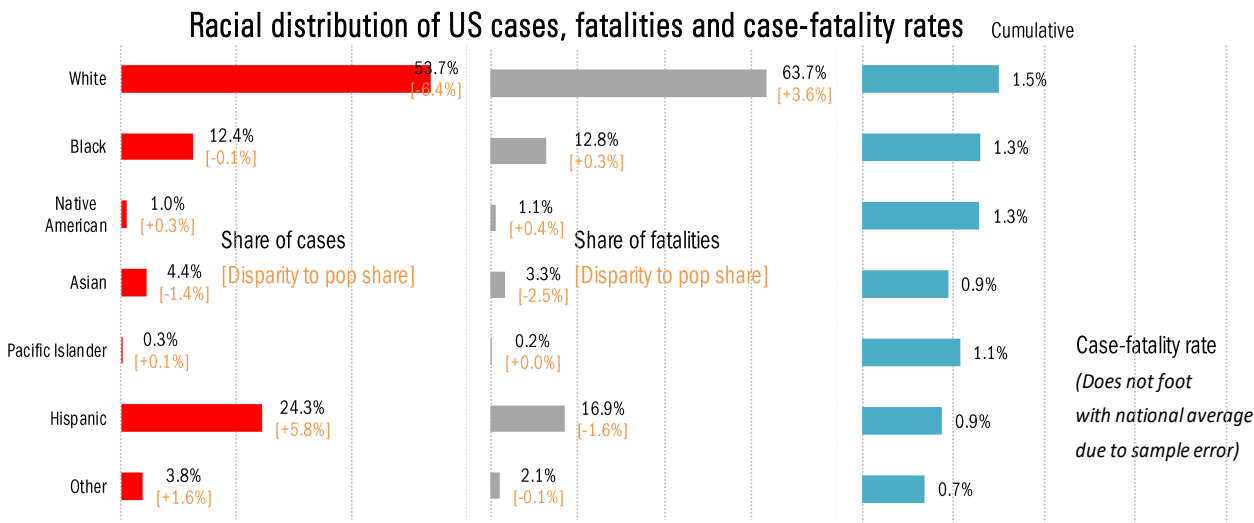
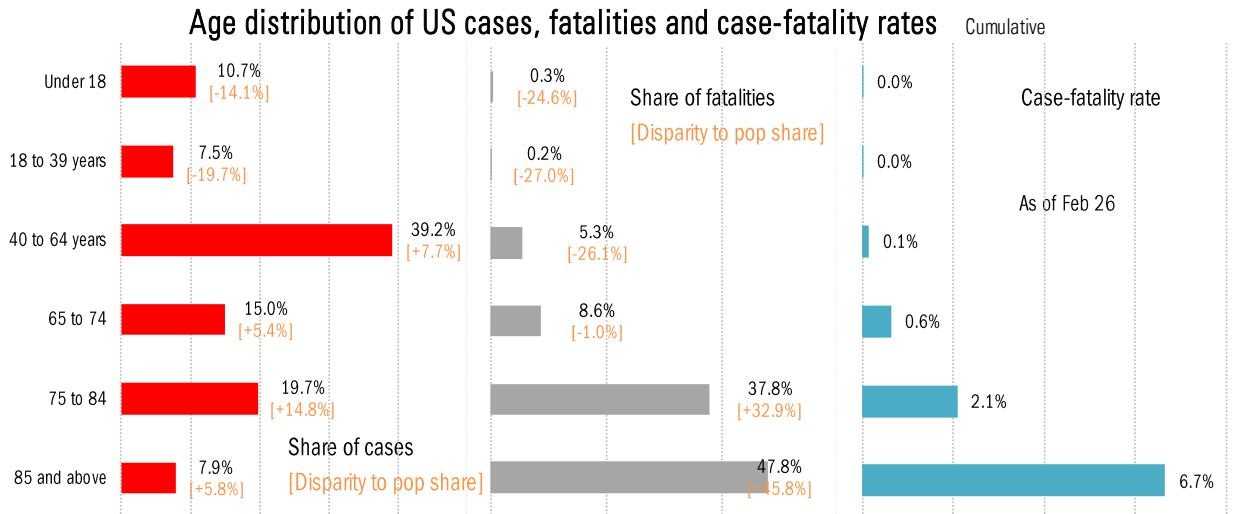


Source: CDC, CDC, Our World in Data, TrendMacro calculations

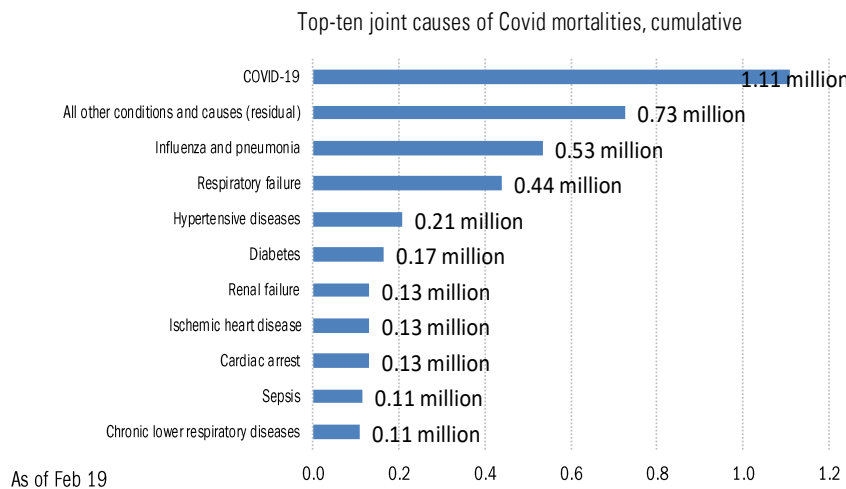
US deep-dive



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

[Little-known scientific team behind new assessment on covid-19 origins](#)

Joby Warrick, Ellen Nakashima and Shane Harris
Washington Post
February 27, 2023

[What We Know and Don't Know About the Origins of Covid](#)

Sheryl Gay Stolberg and Benjamin Mueller
New York Times
February 27, 2023

[White House Says No Consensus on Covid Origin](#)

Josh Chin, Lindsay Wise and Annie Linskey
Wall Street Journal
February 27, 2023

[Remember that time Tony Fauci told the truth about vaccines and the scientific method?](#)

Alex Berenson
Unreported Truths
February 27, 2023

[Hong Kong, One of World's Last Holdouts, Ends Its Mask Mandate](#)

Tiffany May
New York Times
February 27, 2023

[Exclusive: Despite K-2 Reading Gains, Results Flat for 3rd Grade 'COVID Kids'](#)

Linda Jacobson
The 74
February 27, 2023

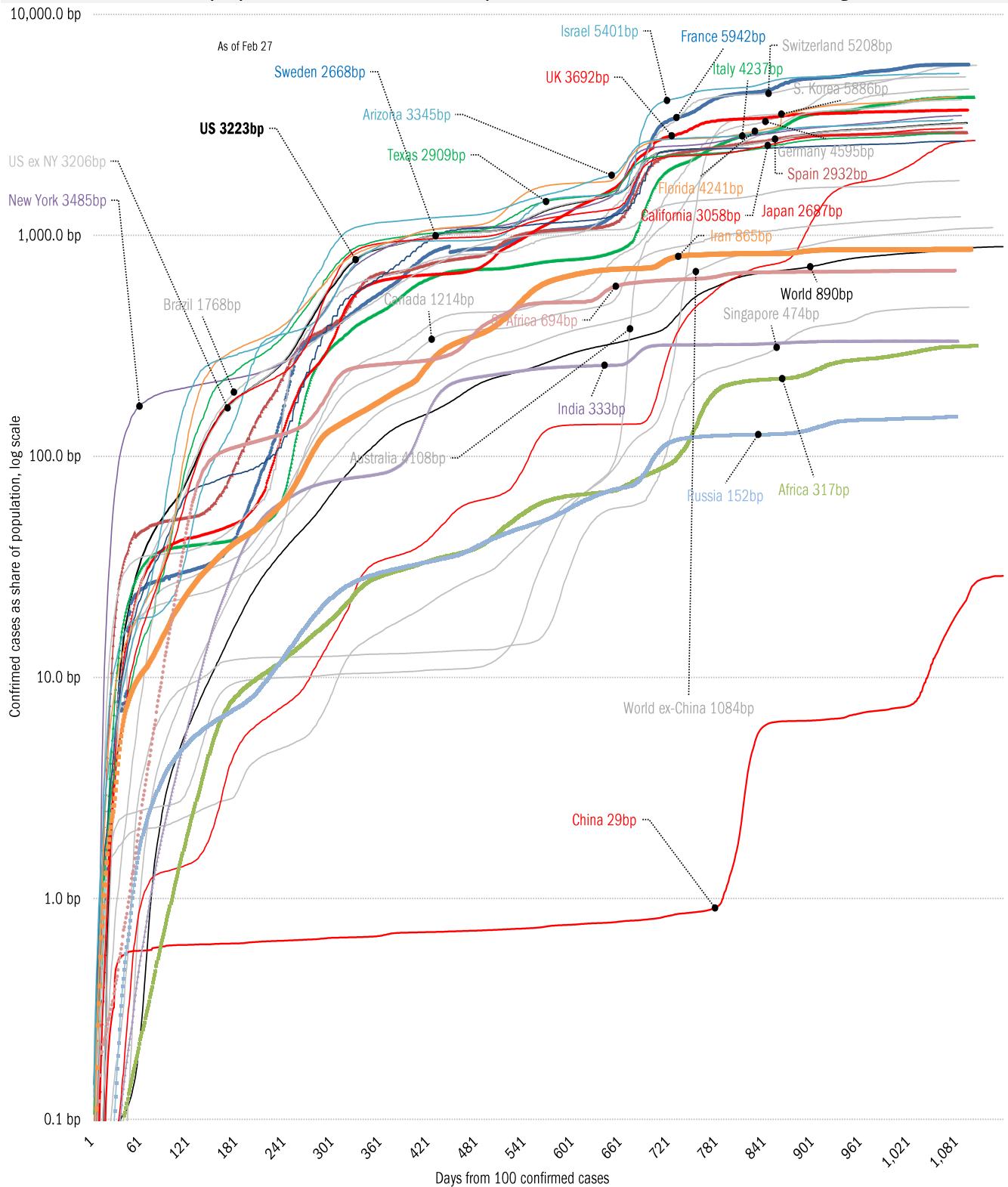
Meme of the Day



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

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

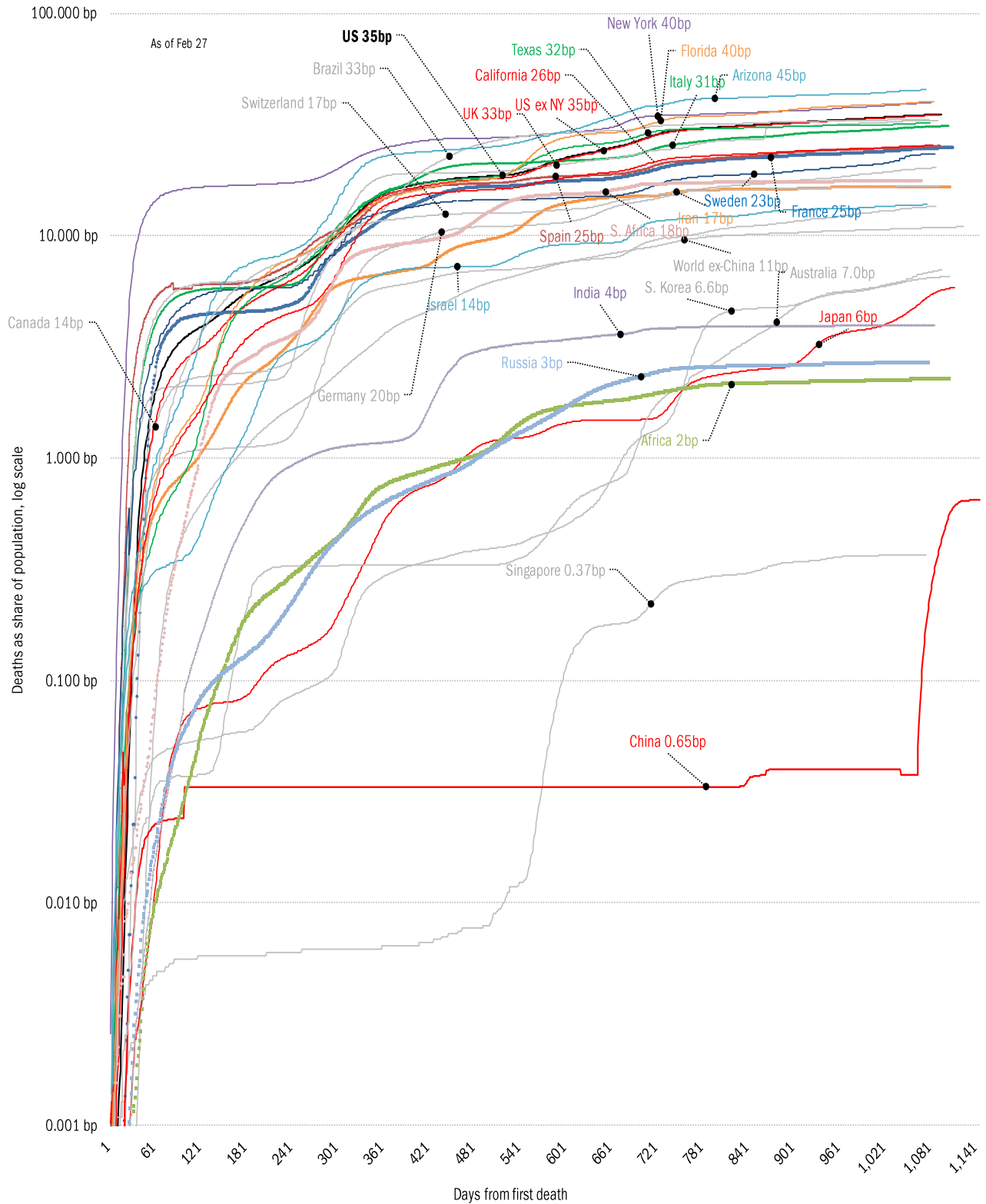
Share of infected population from first day with 100 confirmed cases, log scale



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

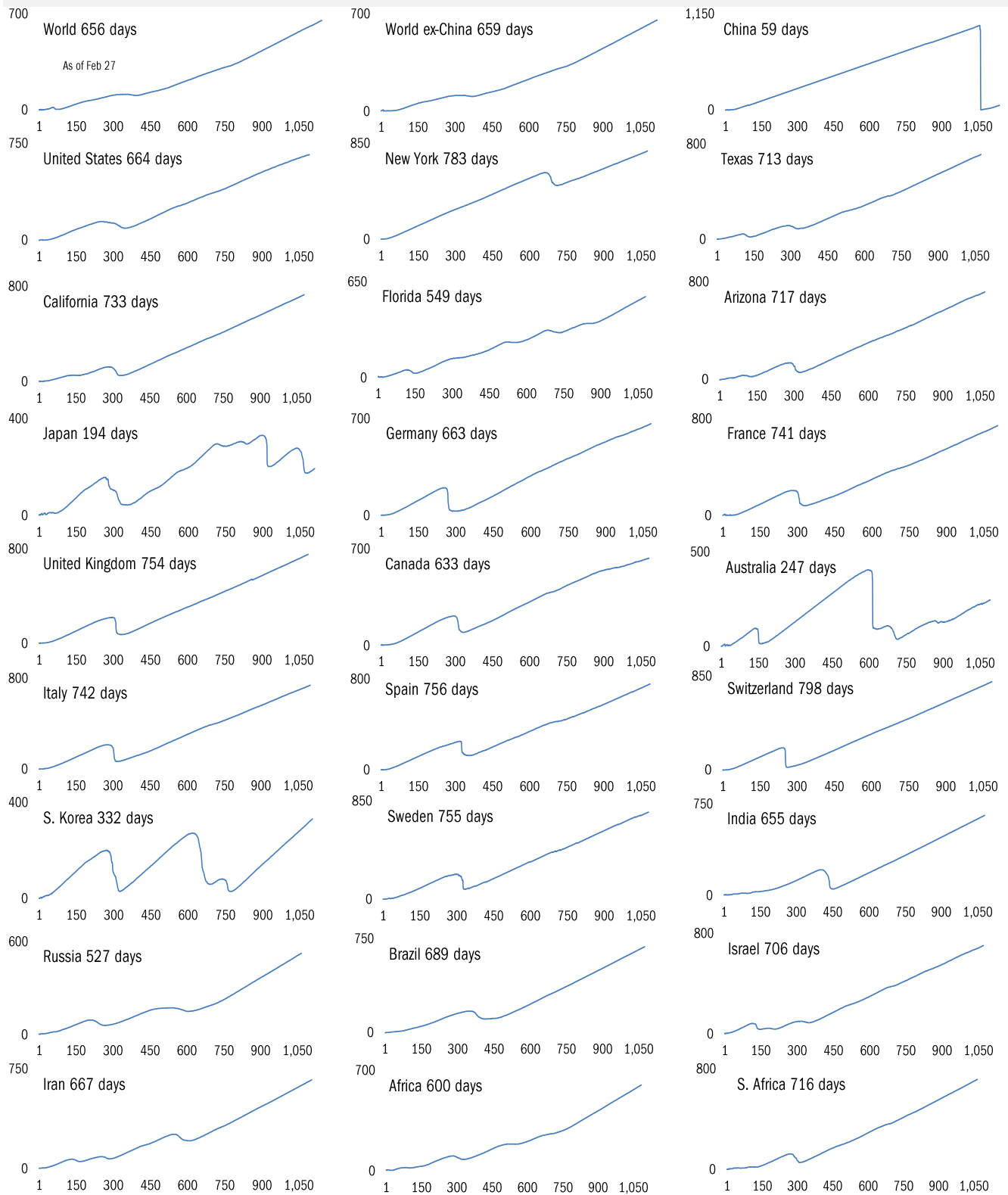


Source: [Johns Hopkins](#), TrendMacro calculations

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

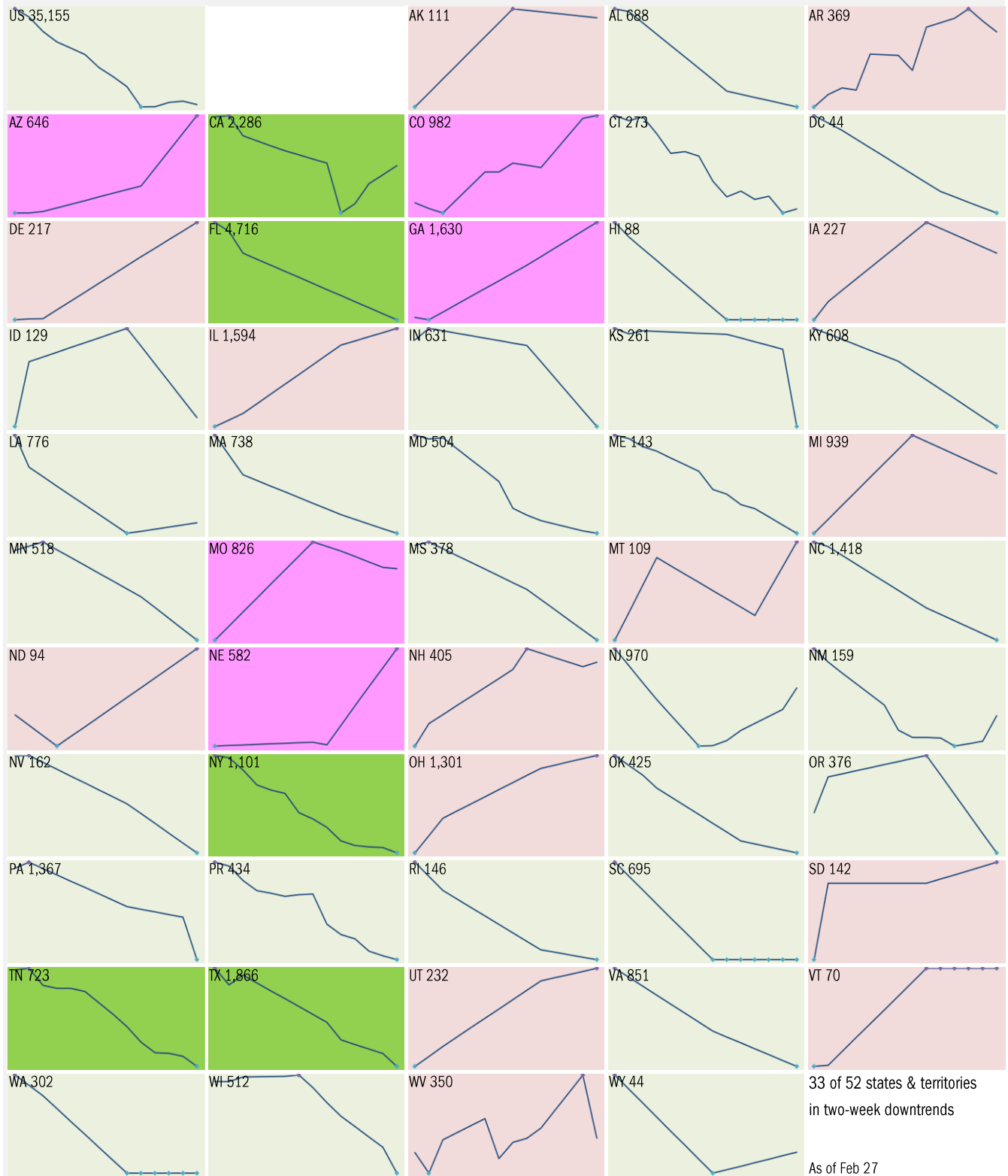


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

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

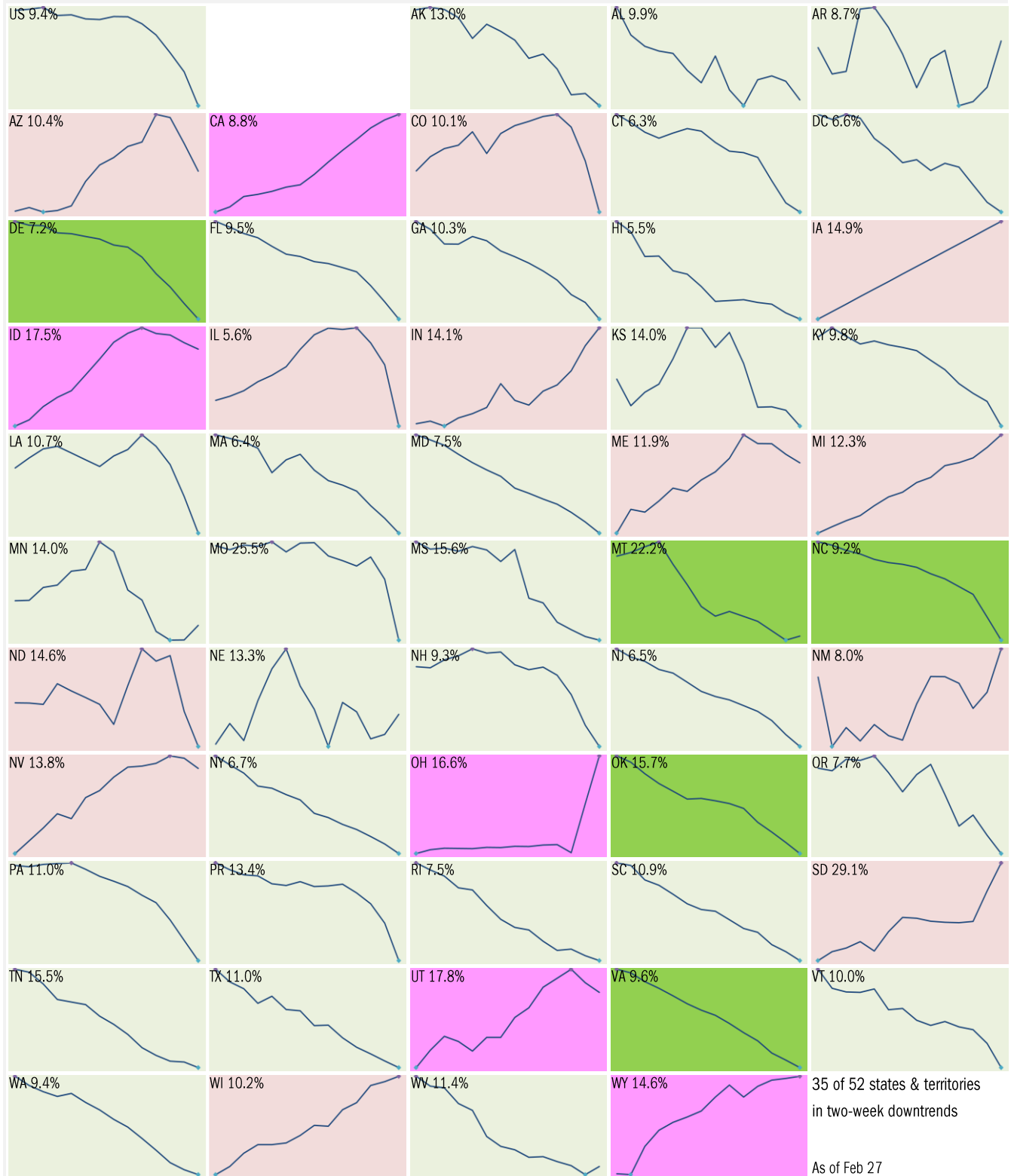


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

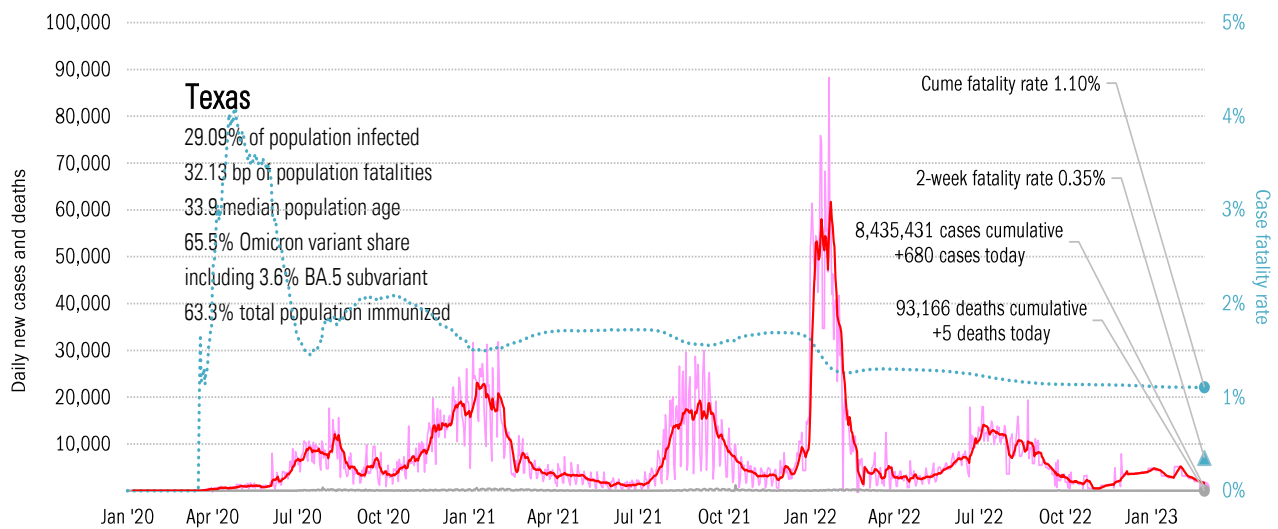
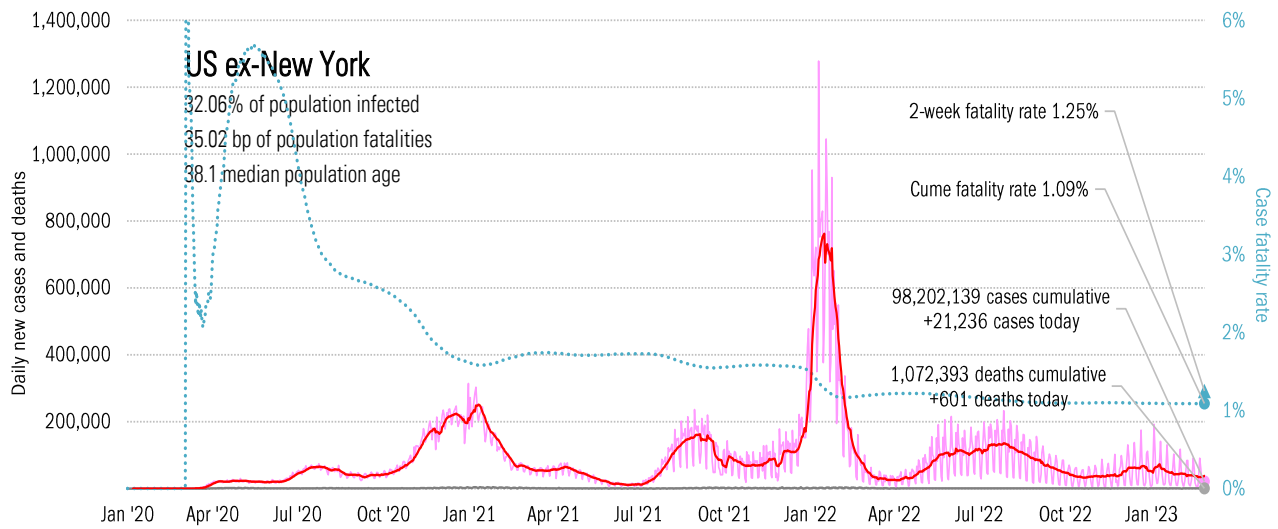
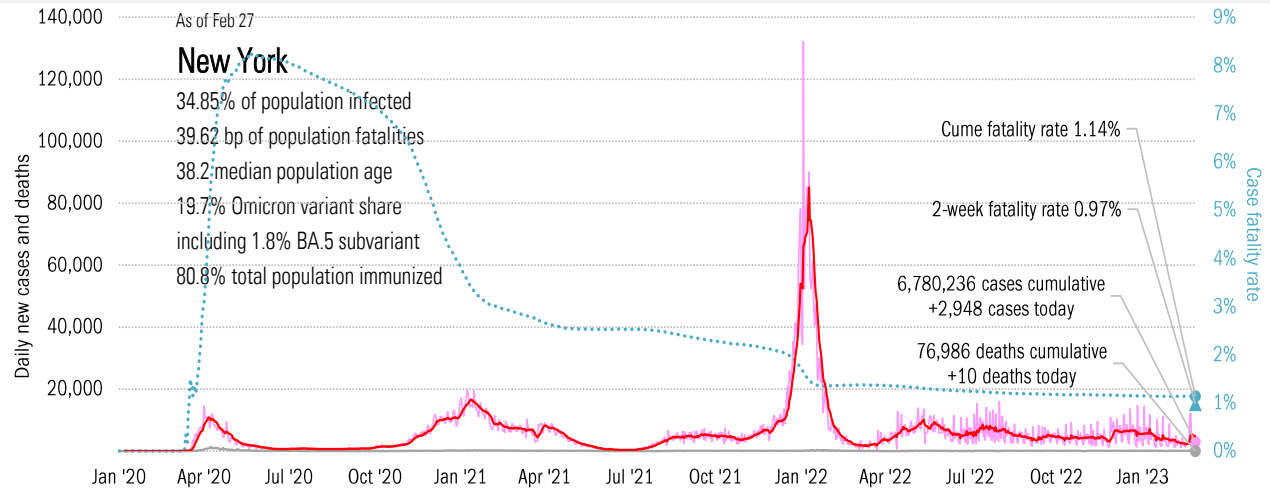
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

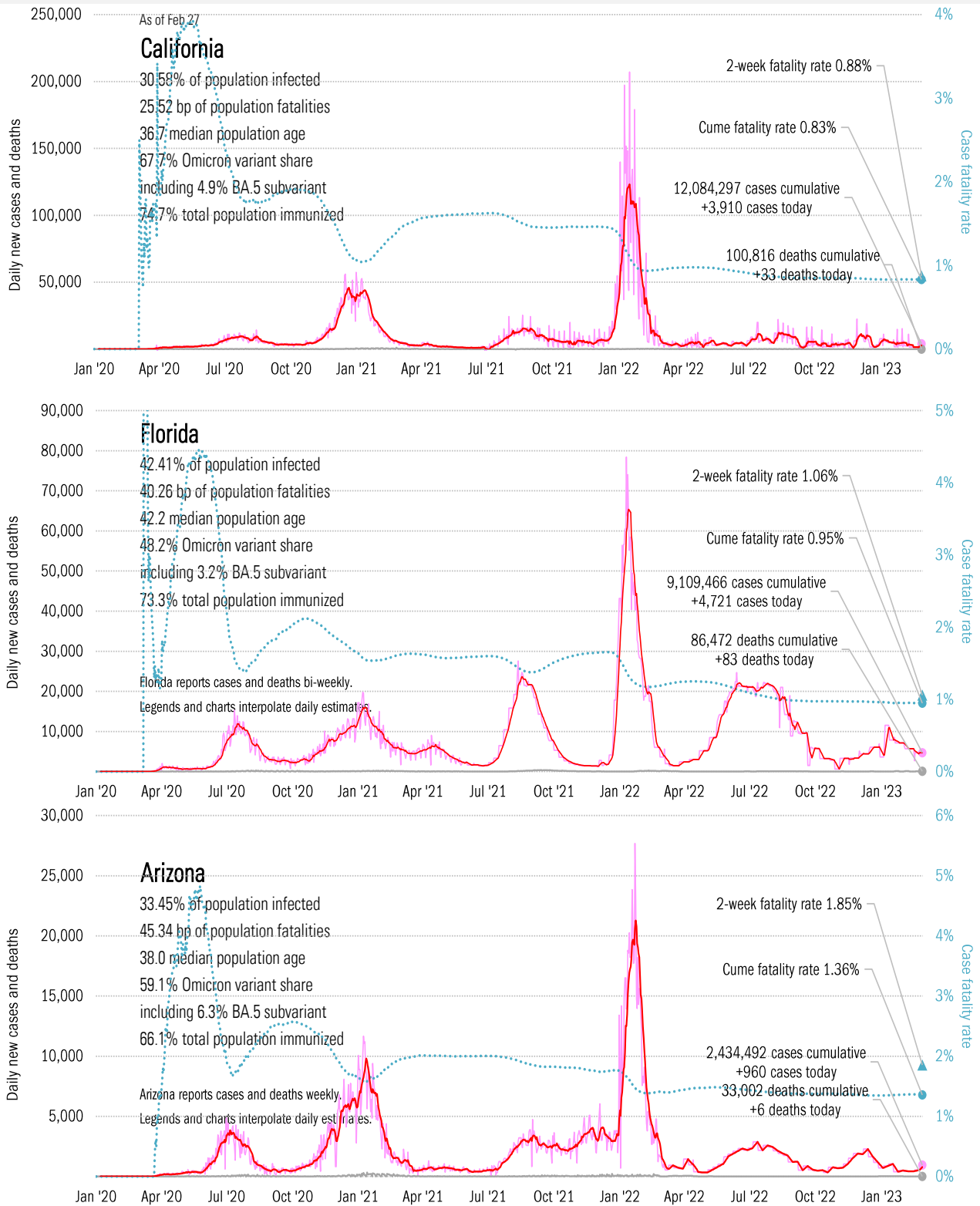
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

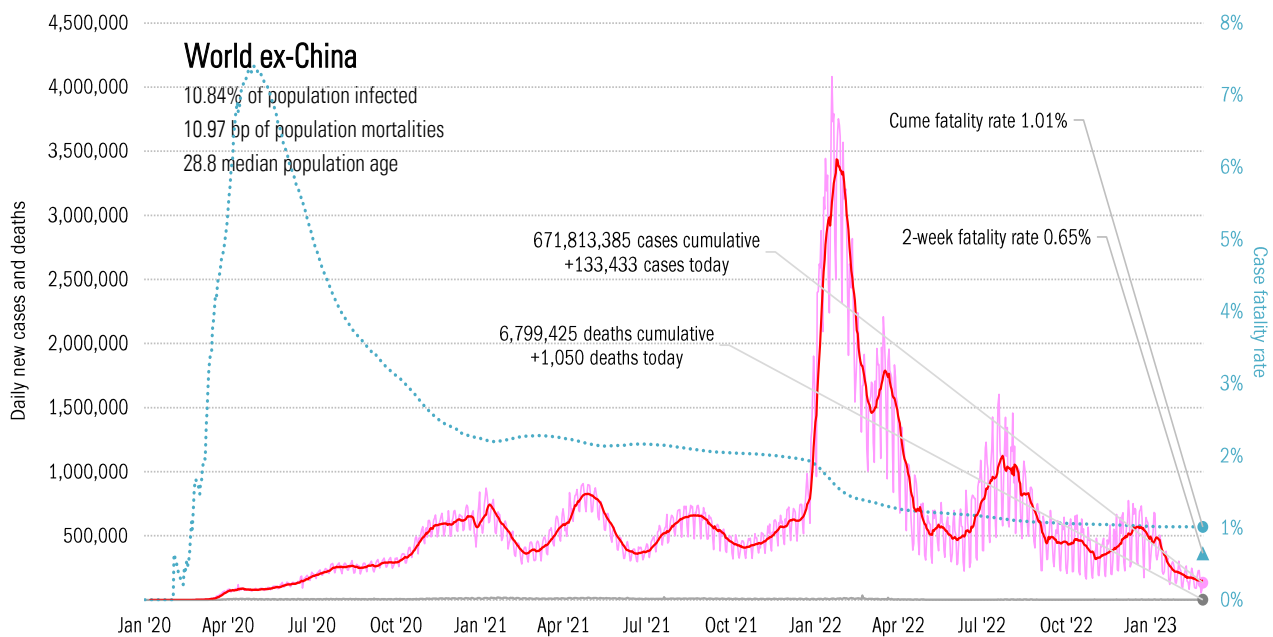
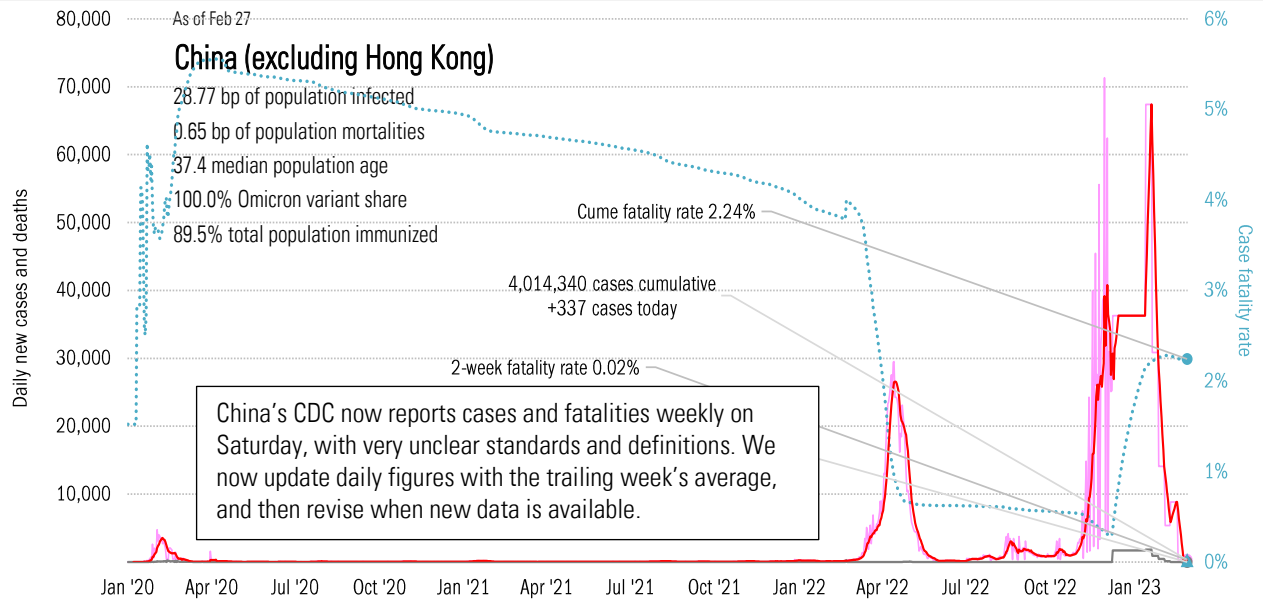
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

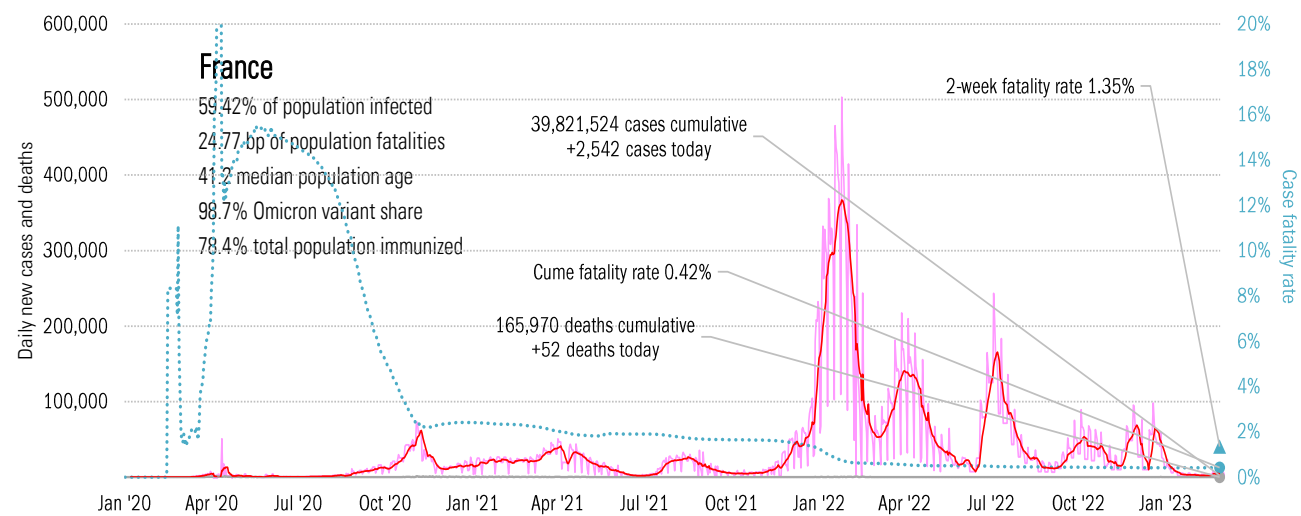
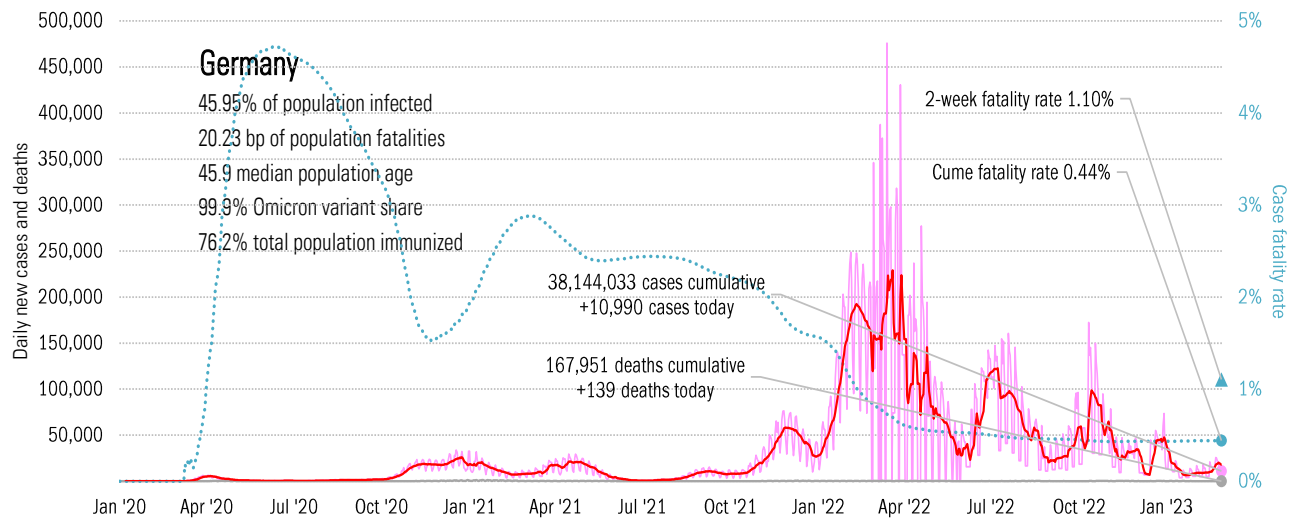
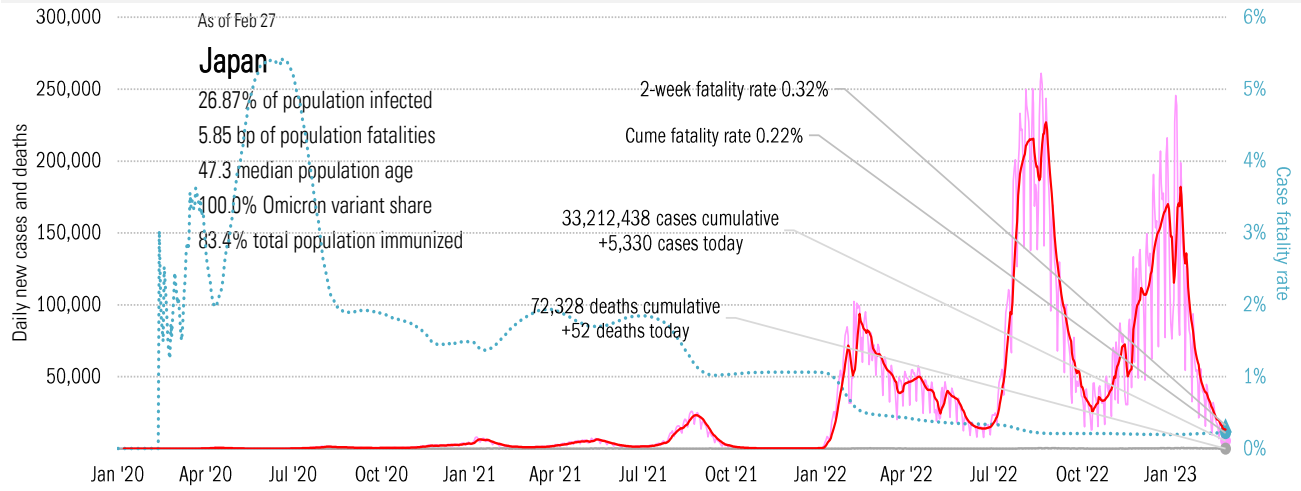
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

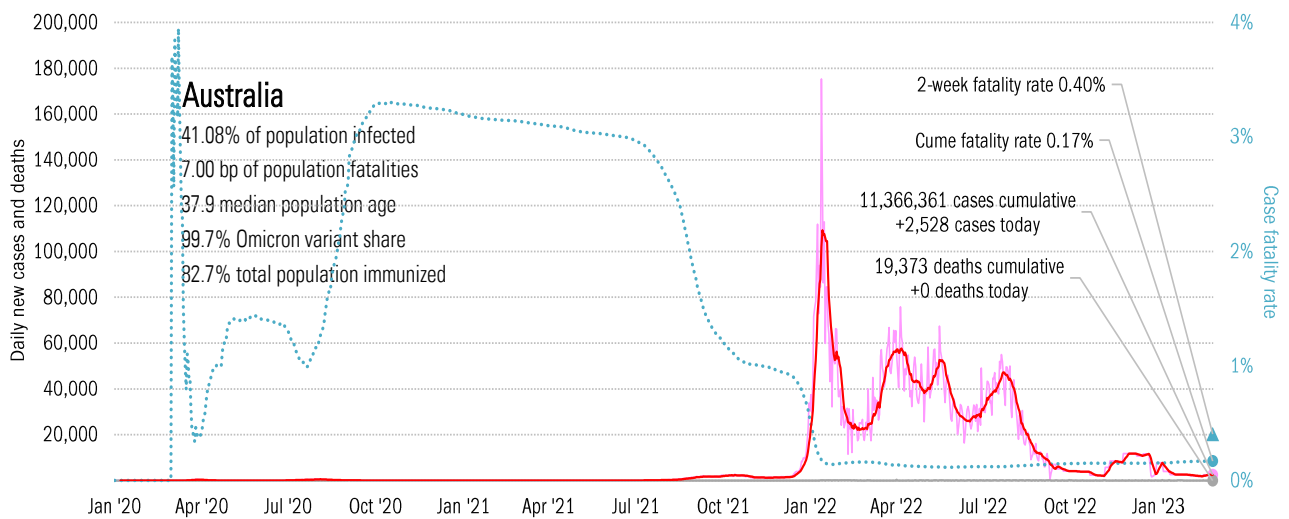
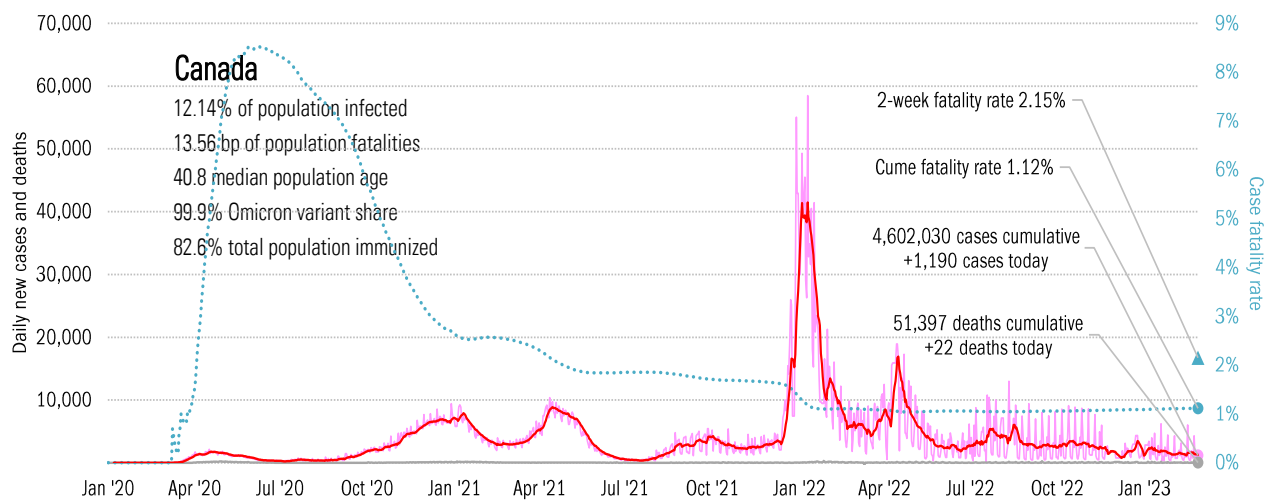
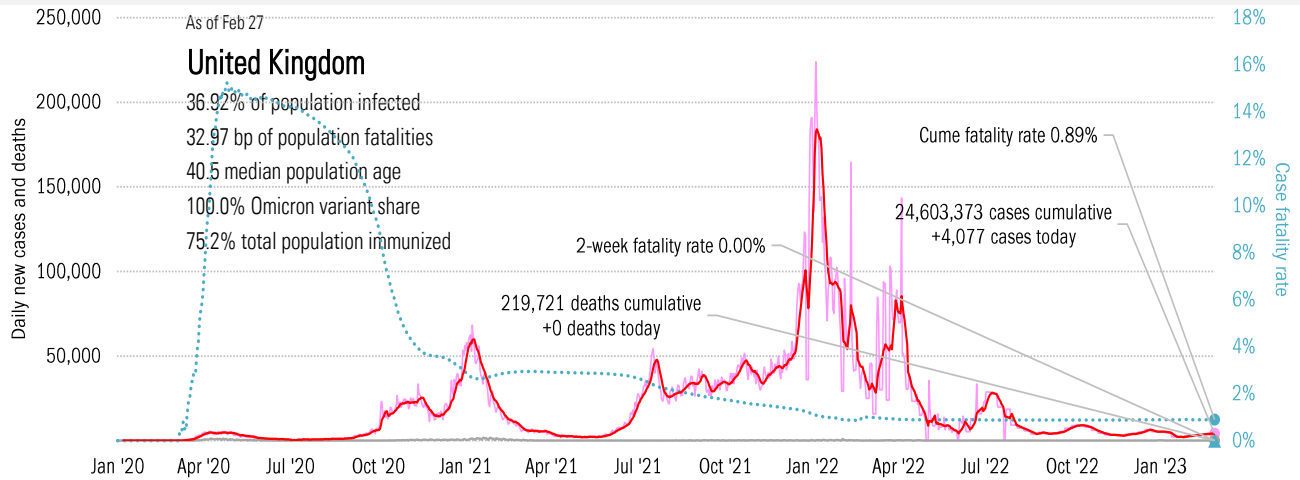
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

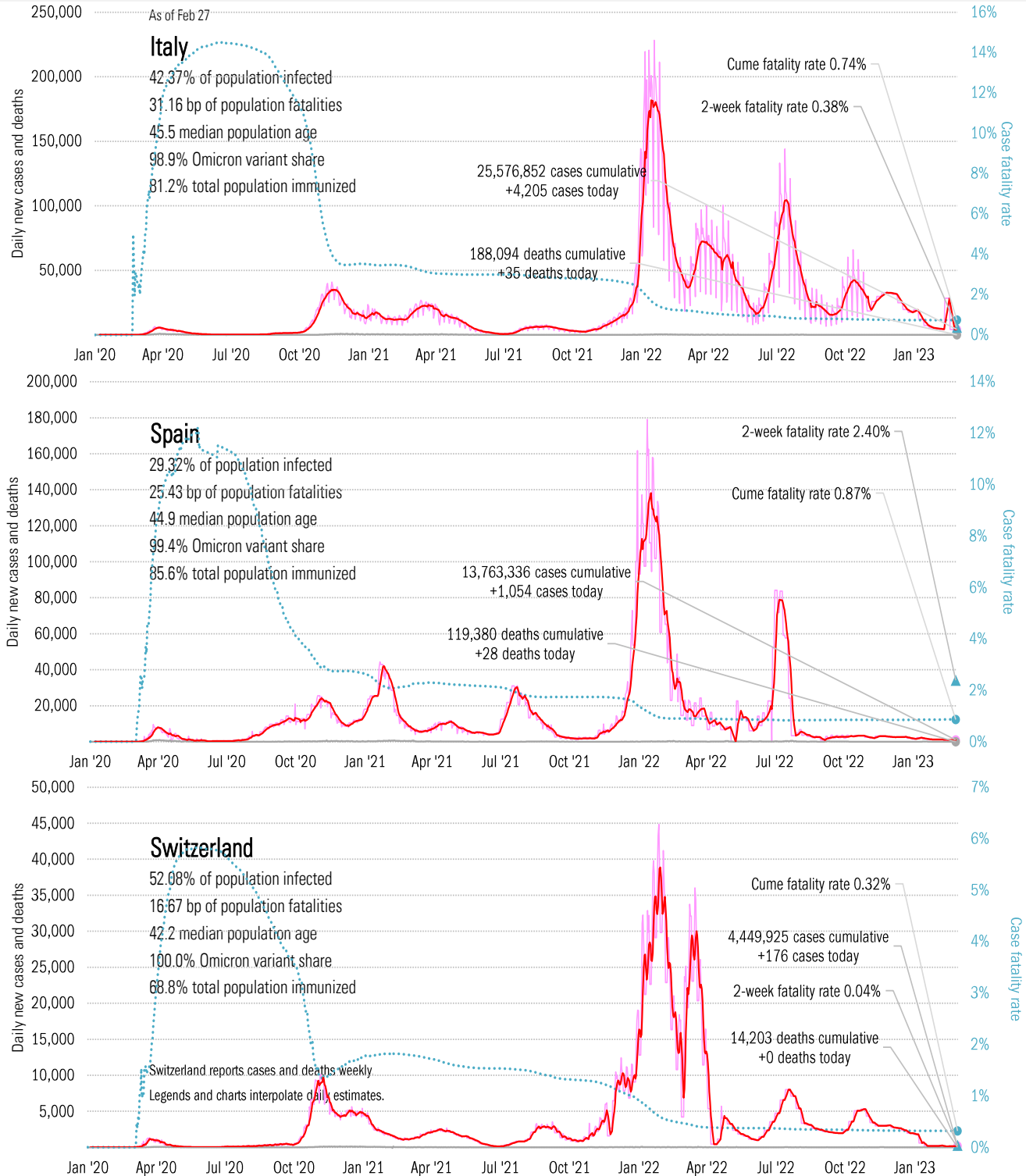
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

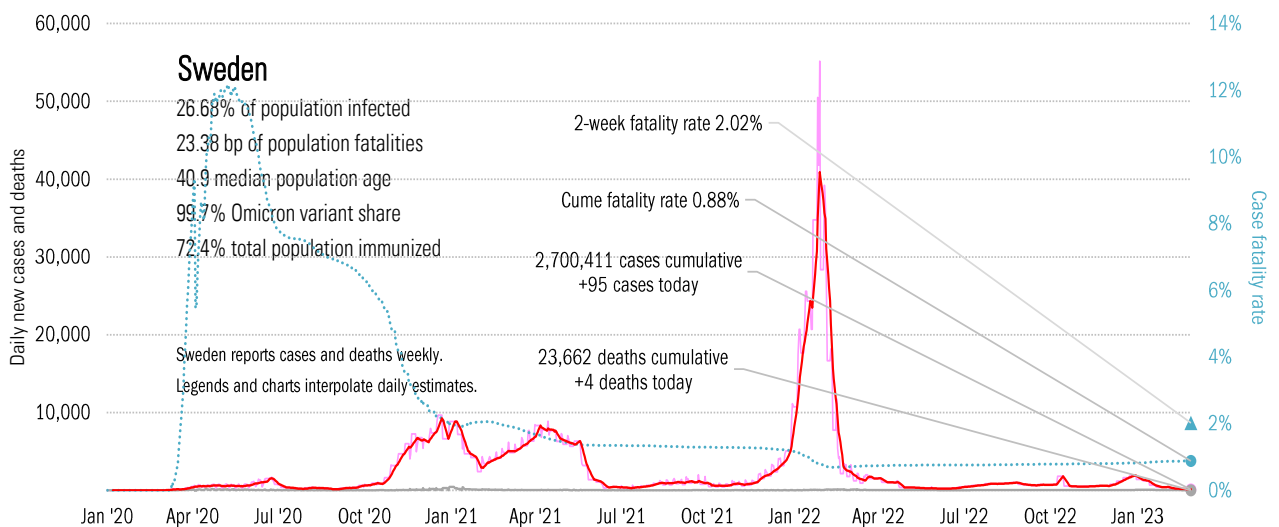
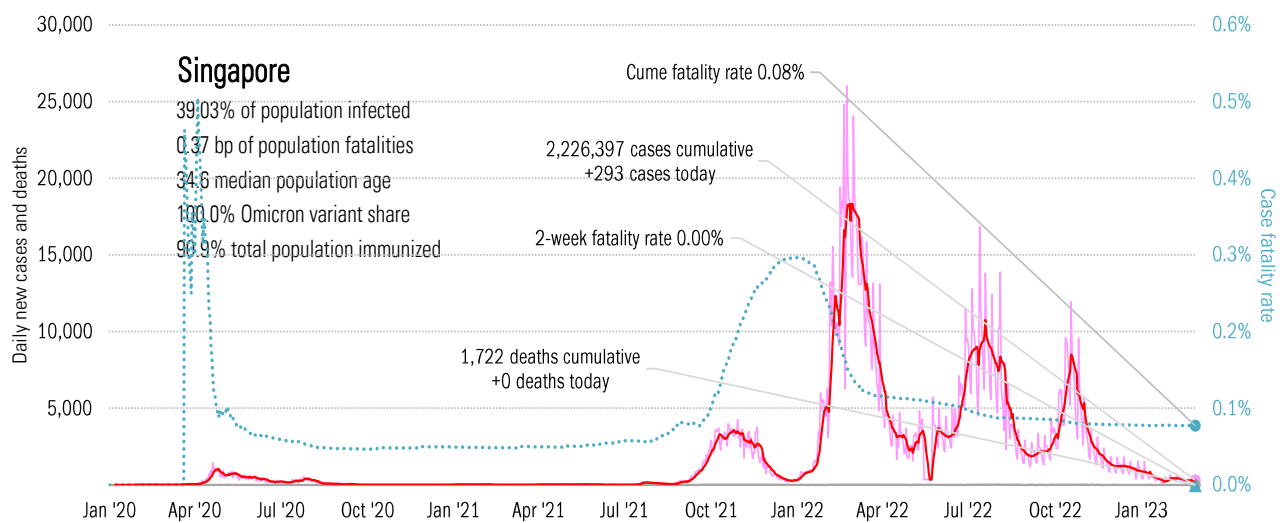
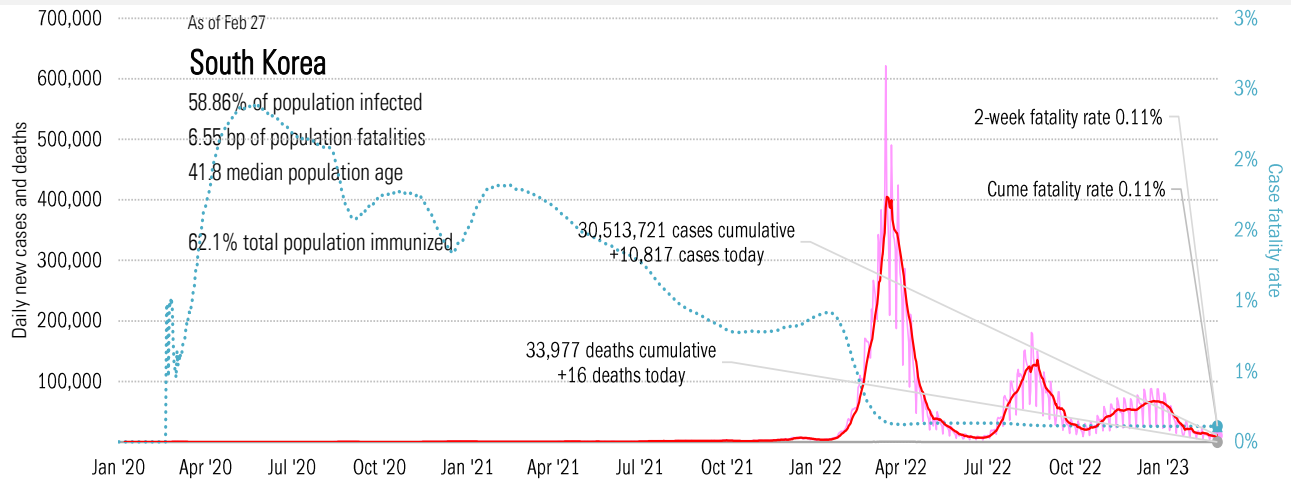
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

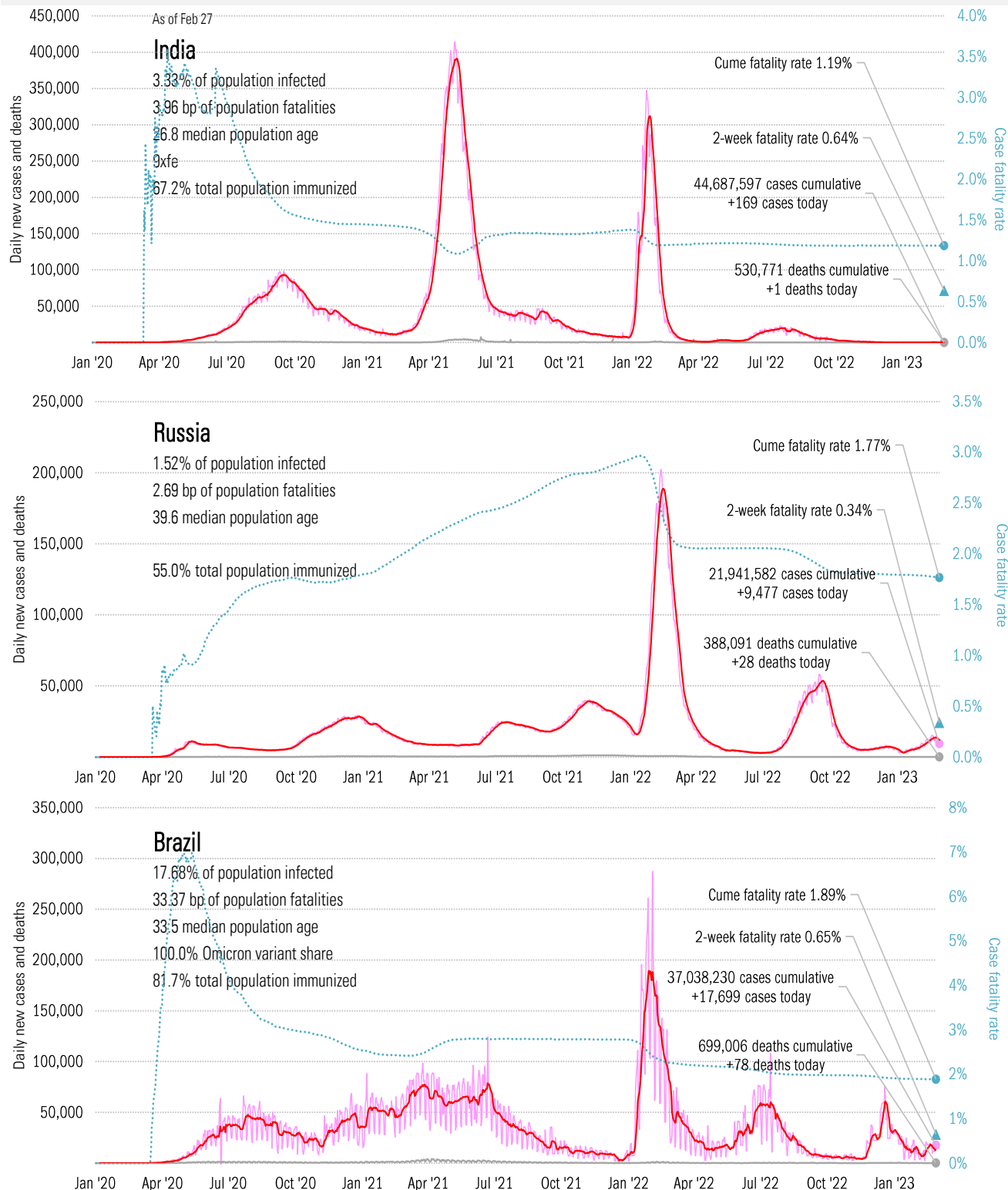
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

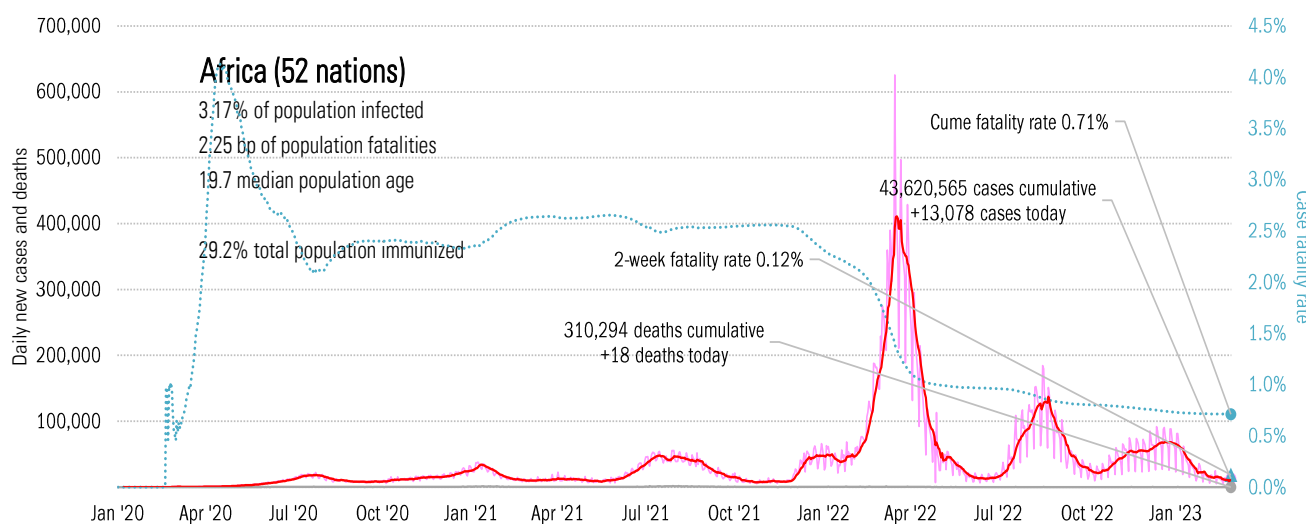
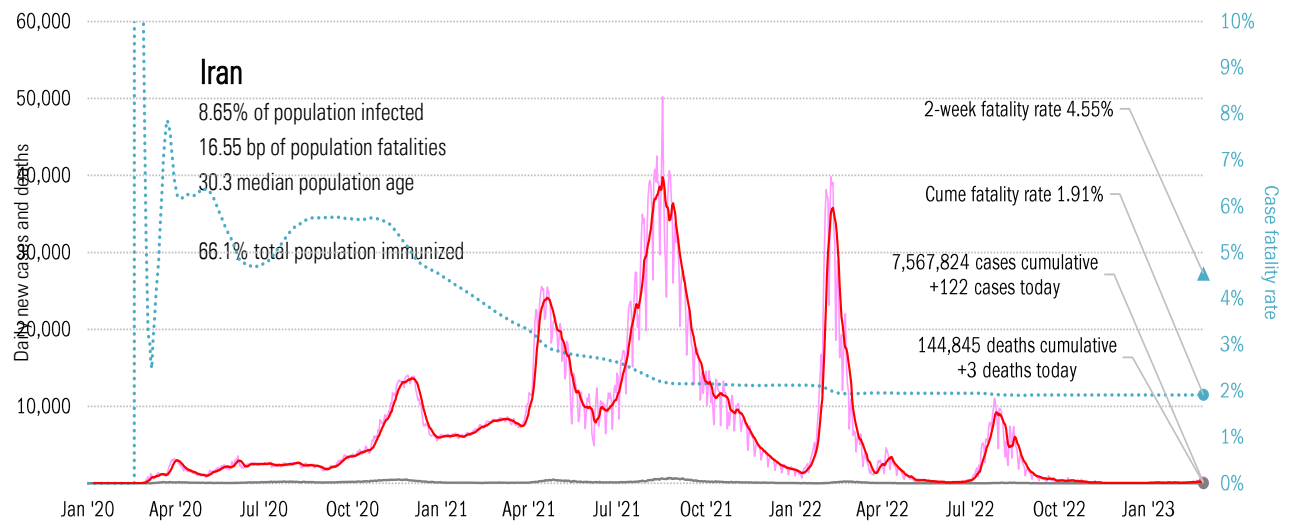
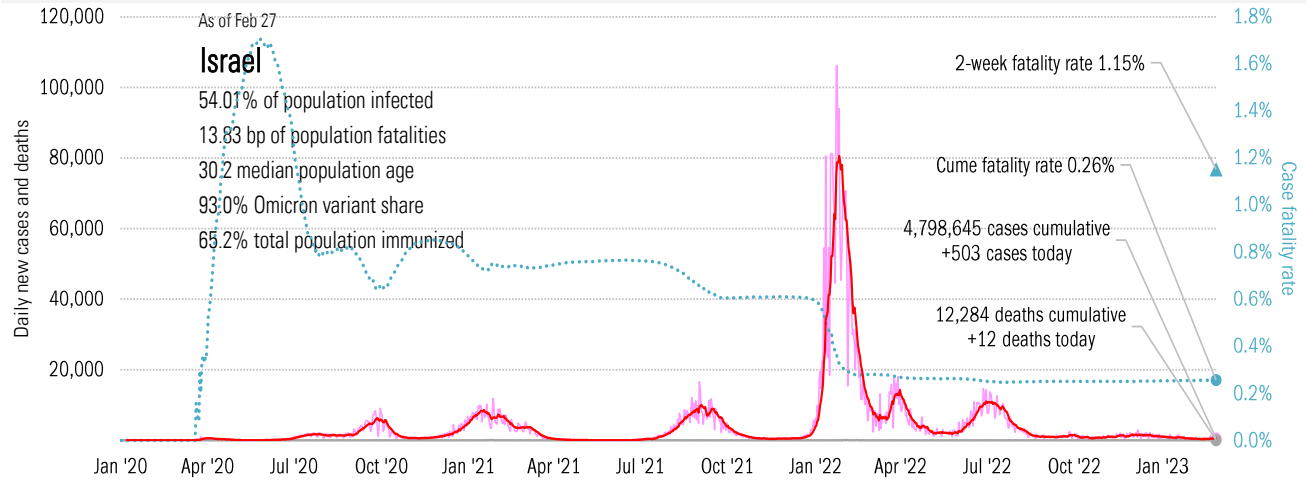
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

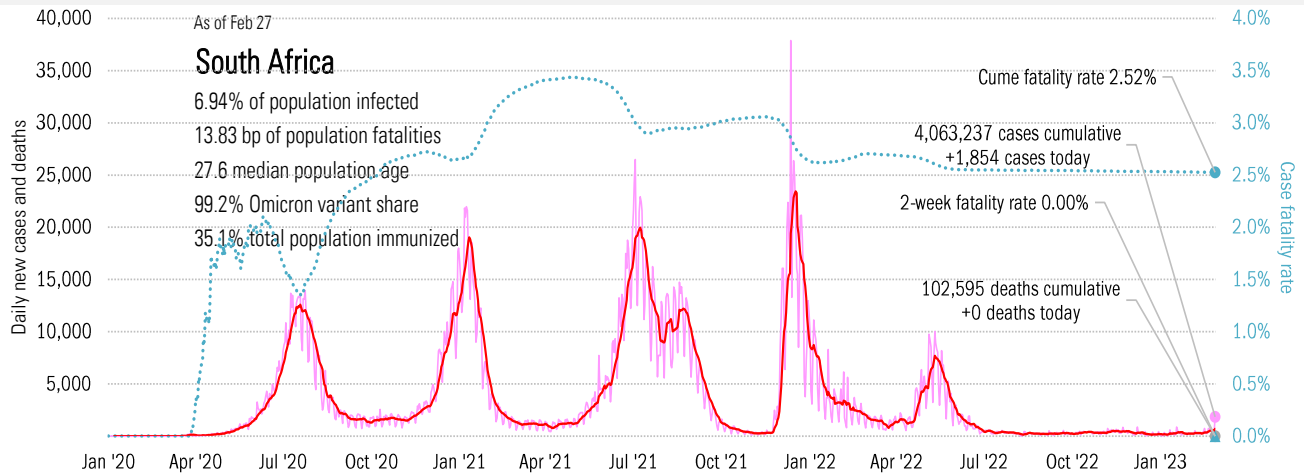
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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