

Data Insights: Covid-2019 Monitor

Sunday, February 26, 2023

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries (see China note page 14)

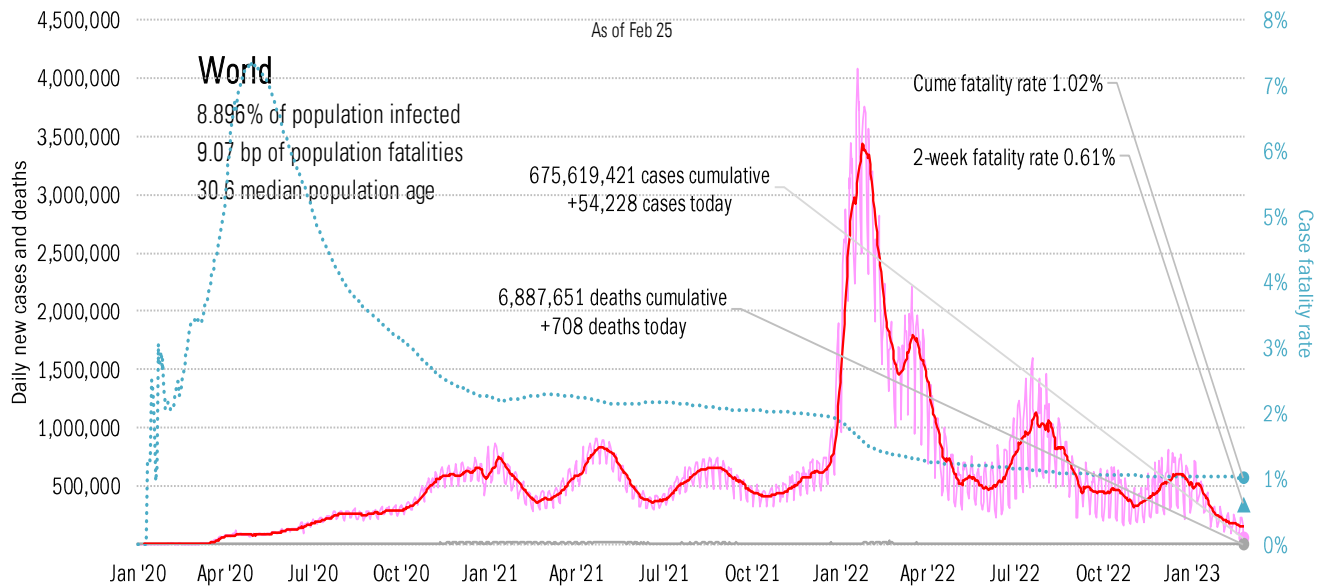
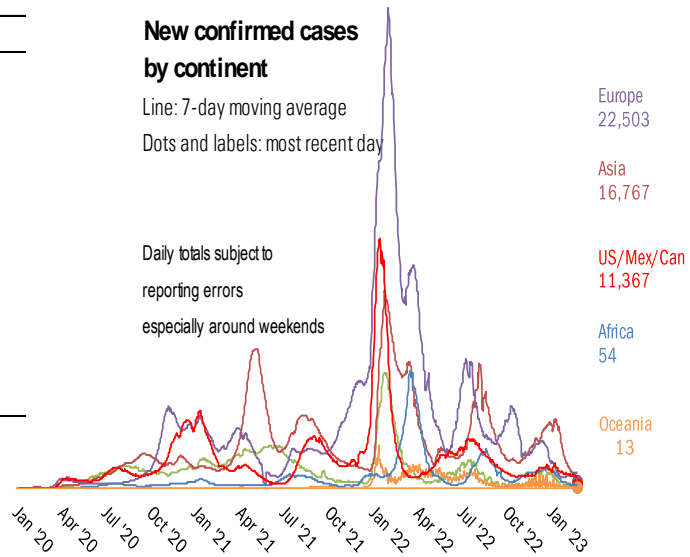
New cases		New Deaths	
United States	37,267	United States	350
Germany	20,974	Brazil	94
Japan	14,846	Germany	89
Brazil	11,587	Japan	72
Russia	10,949	Italy	35
Korea, South	9,913	Russia	33
Austria	6,011	France	29
Italy	4,205	Spain	28
United Kingdom	4,077	Austria	14
France	3,917	Chile	13

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

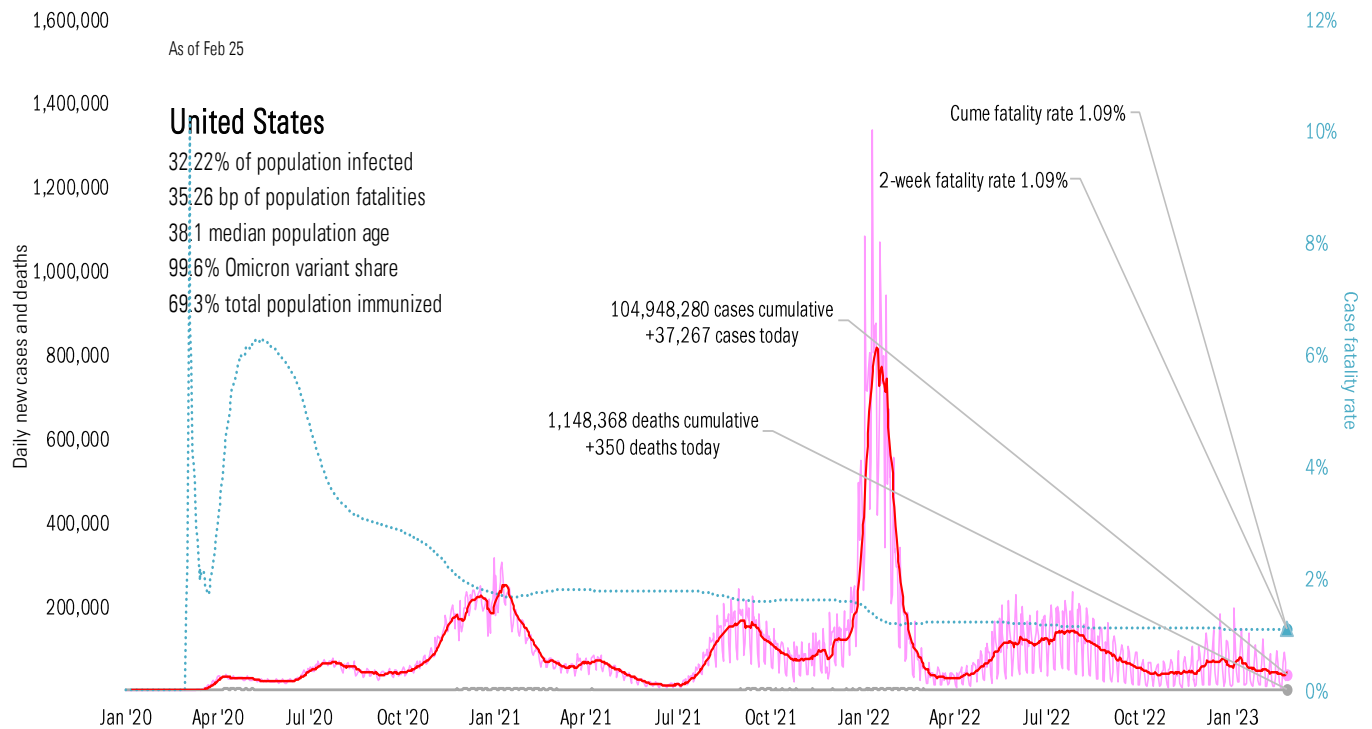
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
FL	4,721		FL	83		TX	328		CA	12,084,297		CA	100,816		TX	589,323		RI	88%	AL	89%
CA	3,910		NE	52		CA	450		TX	8,434,751		TX	93,161		CA	568,206		MA	87%	TX	88%
TX	1,947		CA	33		MA	104		FL	7,516,906		FL	86,294		FL	533,089		DE	86%	VT	88%
CO	1,779		PA	16		WI	80		NY	6,776,376		NY	77,081		NY	354,730		DC	86%	WV	86%
GA	1,748		MA	15		MT	22		IL	4,062,200		PA	50,168		CH	244,344		MO	85%	NC	84%
IL	1,607		AR	13		CT	57		PA	3,512,137		GA	42,332		GA	242,405		WV	85%	DC	84%
PA	1,431		MI	13		IL	141		NC	3,459,600		MI	41,957		PA	230,735		MN	85%	AR	83%
NC	1,375		GA	12		DC	8		CH	3,382,995		CH	41,686		IL	213,928		WA	83%	MA	82%
NE	1,327		NY	10		MI	92		GA	3,061,485		IL	41,379		MI	180,757		MD	83%	MO	82%
CH	1,305		TN	10		NV	27		MI	3,049,739		NJ	35,950		NJ	163,390		AK	83%	NH	82%
21,150			257			1,309			55,340,486			610,824			3,320,907						
All states	37,267			350			3,408		All states	104,948,280			1,148,368			6,016,164		All states	70%		67%
Top ten	57%			73%			38%		Top ten	54%			55%			55%		Median	78%		76%

Some states not reporting

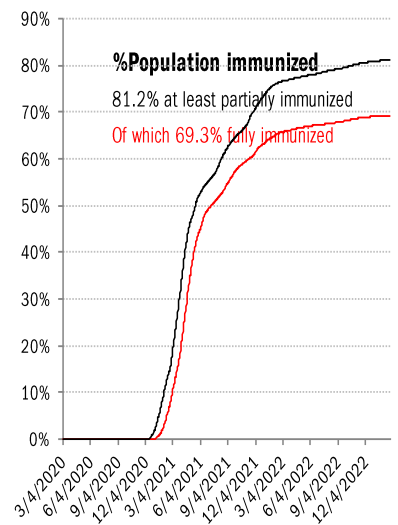
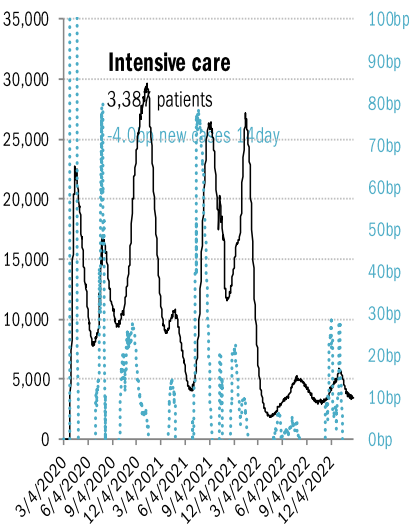
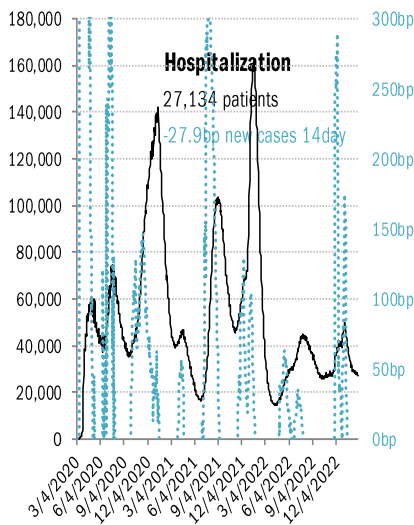
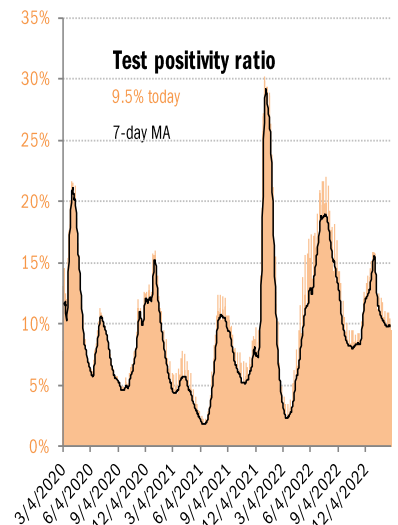
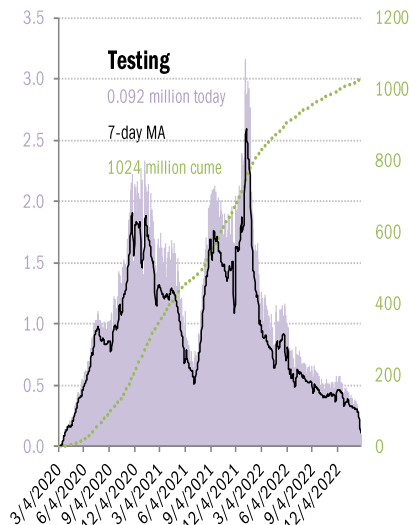
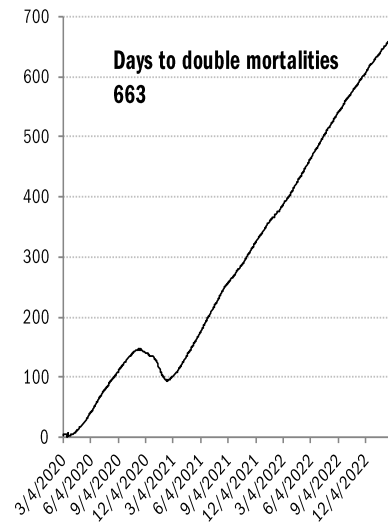
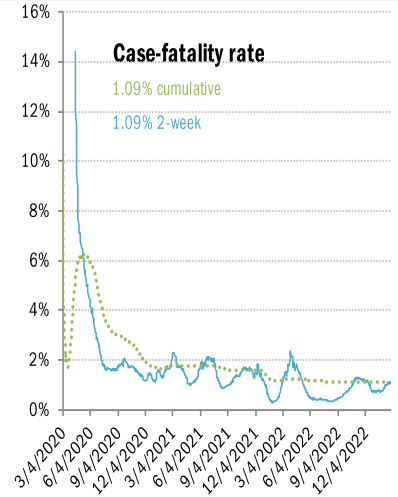
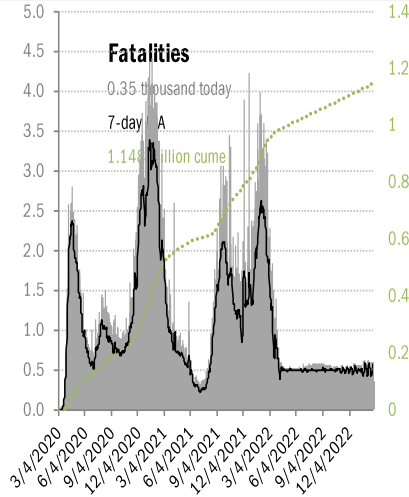
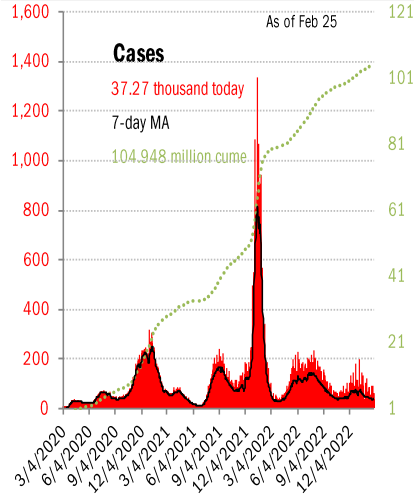
Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-1,030	NJ	-3	NY	-38
AK	0	WI	-3	NC	-37
AL	0	SD	-1	OR	-32
AZ	0	MO	-1	PR	-31
CA	0	MT	0	CO	-28



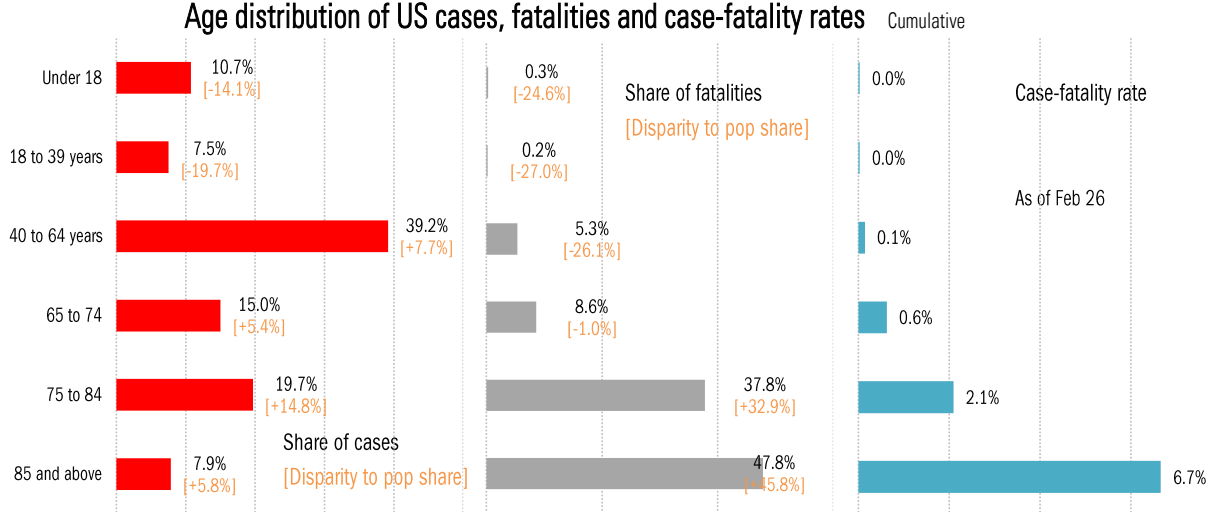
Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

US deep-dive

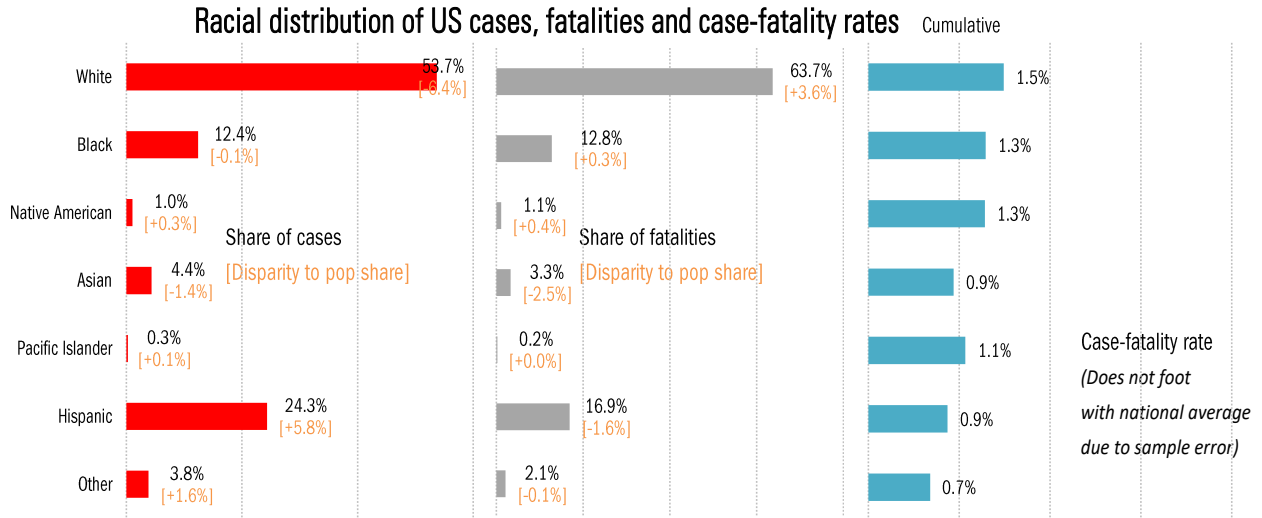


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

Age distribution of US cases, fatalities and case-fatality rates

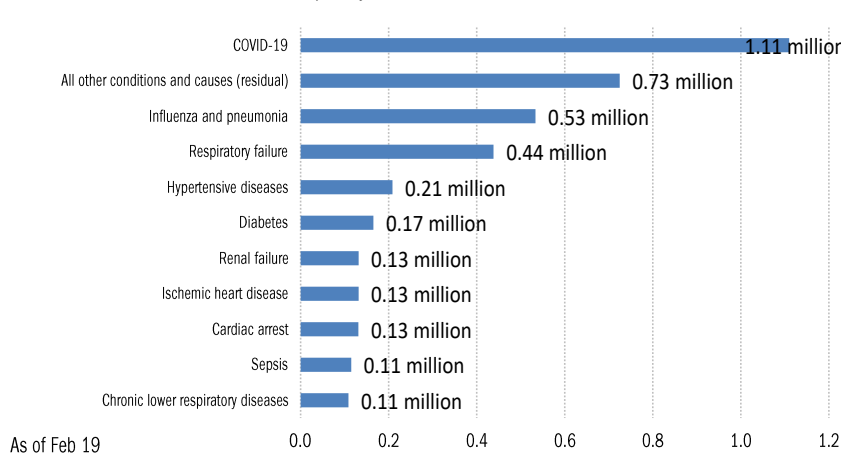


Racial distribution of US cases, fatalities and case-fatality rates



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

[Long Covid disabled them. Then they met a 'broken' Social Security disability process](#)

Morgan Stephens
CNN
February 25, 2023

[Lab Leak Most Likely Origin of Covid-19 Pandemic, Energy Department Now Says](#)

Michael R. Gordon and Warren P. Strobel
Wall Street Journal
February 26, 2023

[The Furniture Hustlers of Silicon Valley](#)

Erin Griffith
Wall Street Journal
February 25, 2023

[Covid Exposed the Damage Done by Certificate-of-Need Rules](#)

Kevin Schmidt and Thomas Kimbrell
Wall Street Journal
February 24, 2023

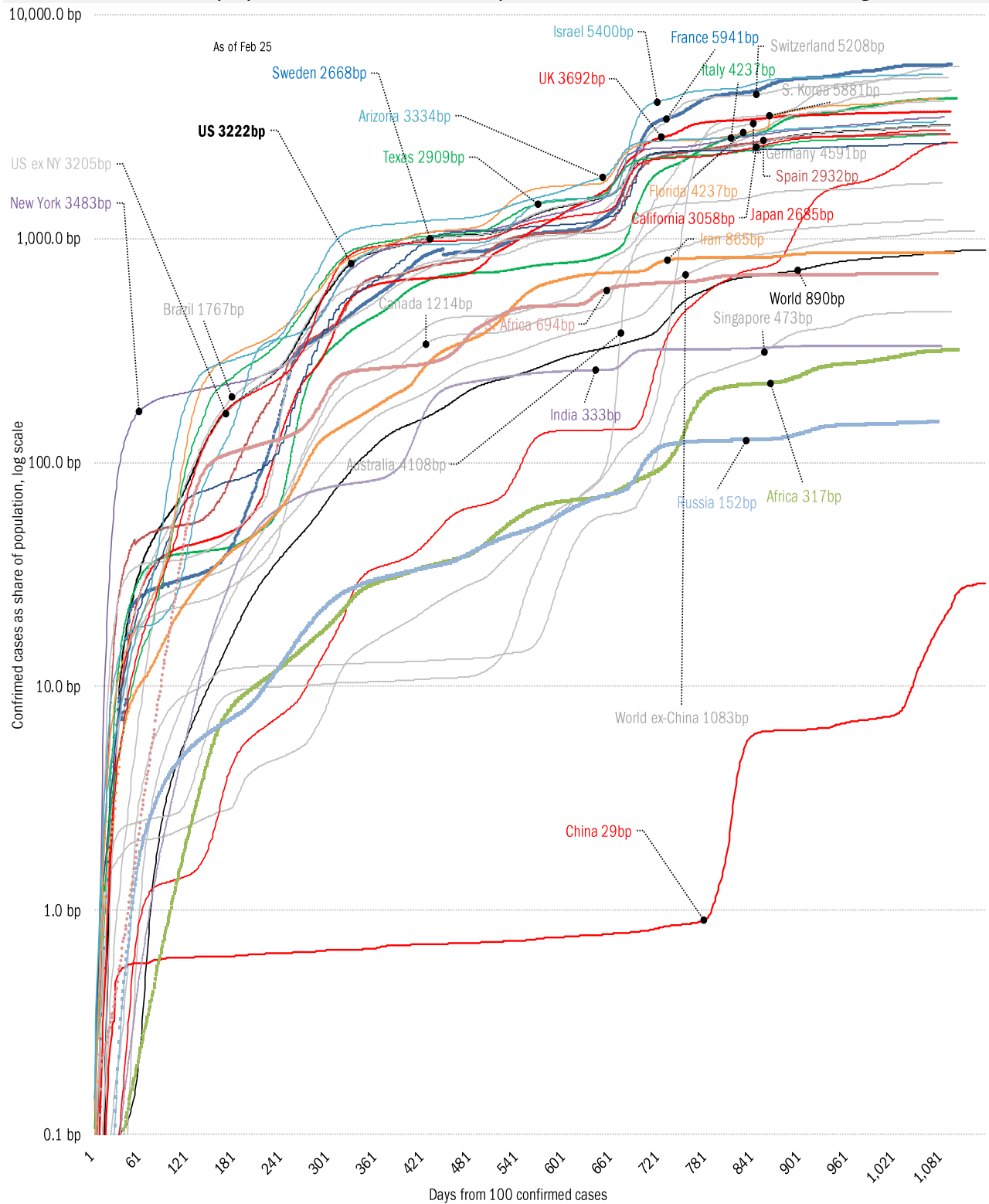
Meme of the Day



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

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

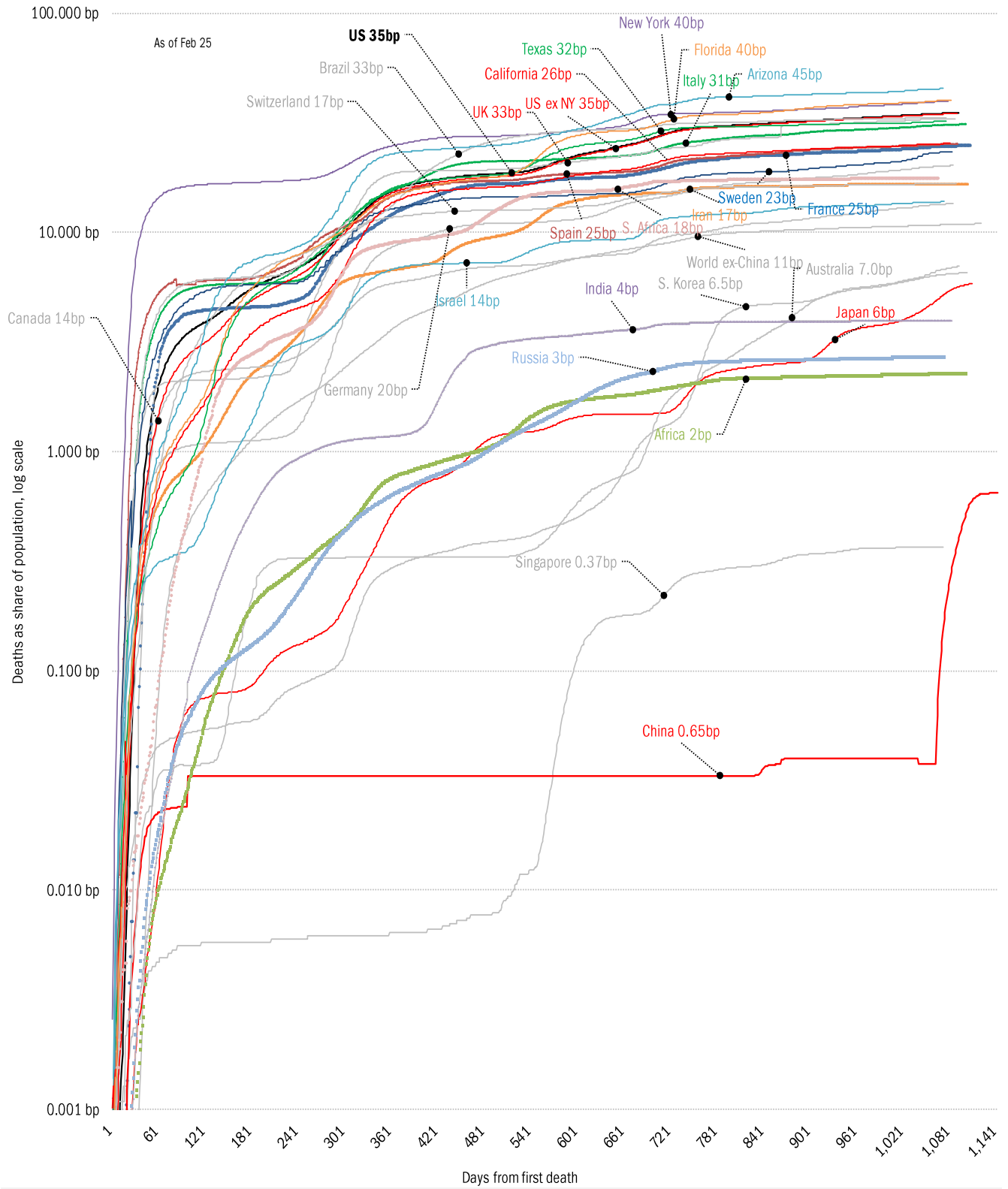
Share of infected population from first day with 100 confirmed cases, log scale



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

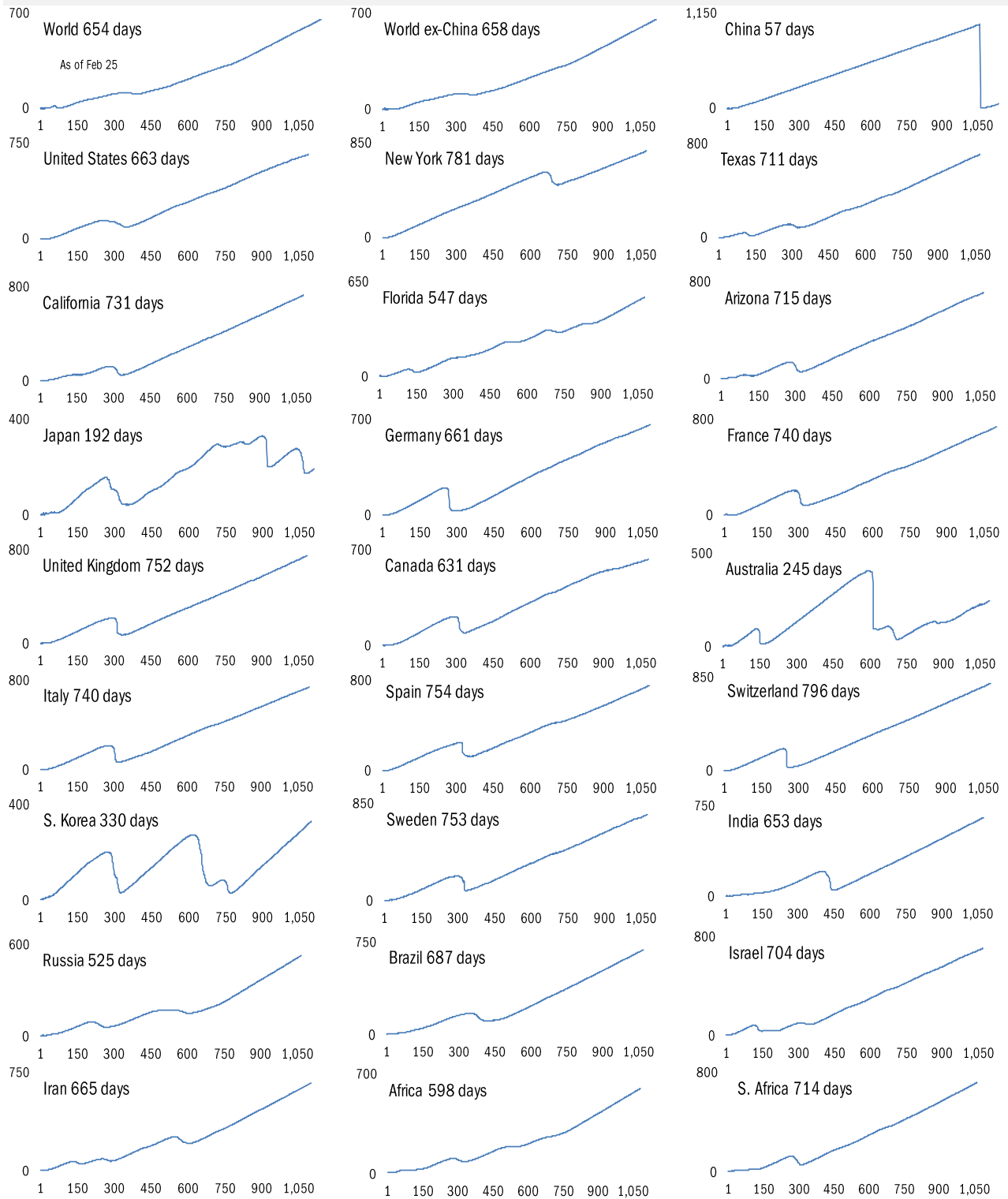


Source: [Johns Hopkins](#), TrendMacro calculations

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

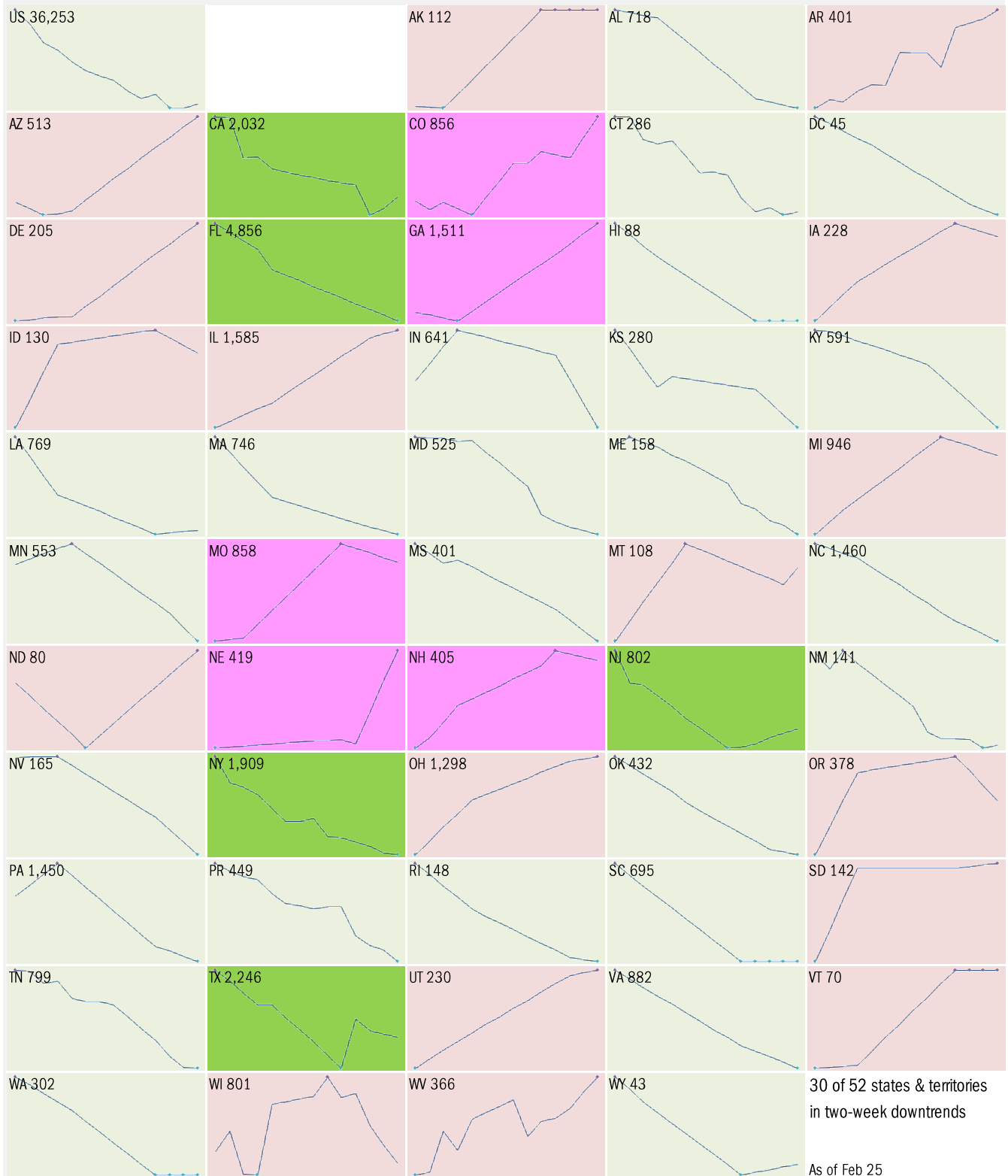


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

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

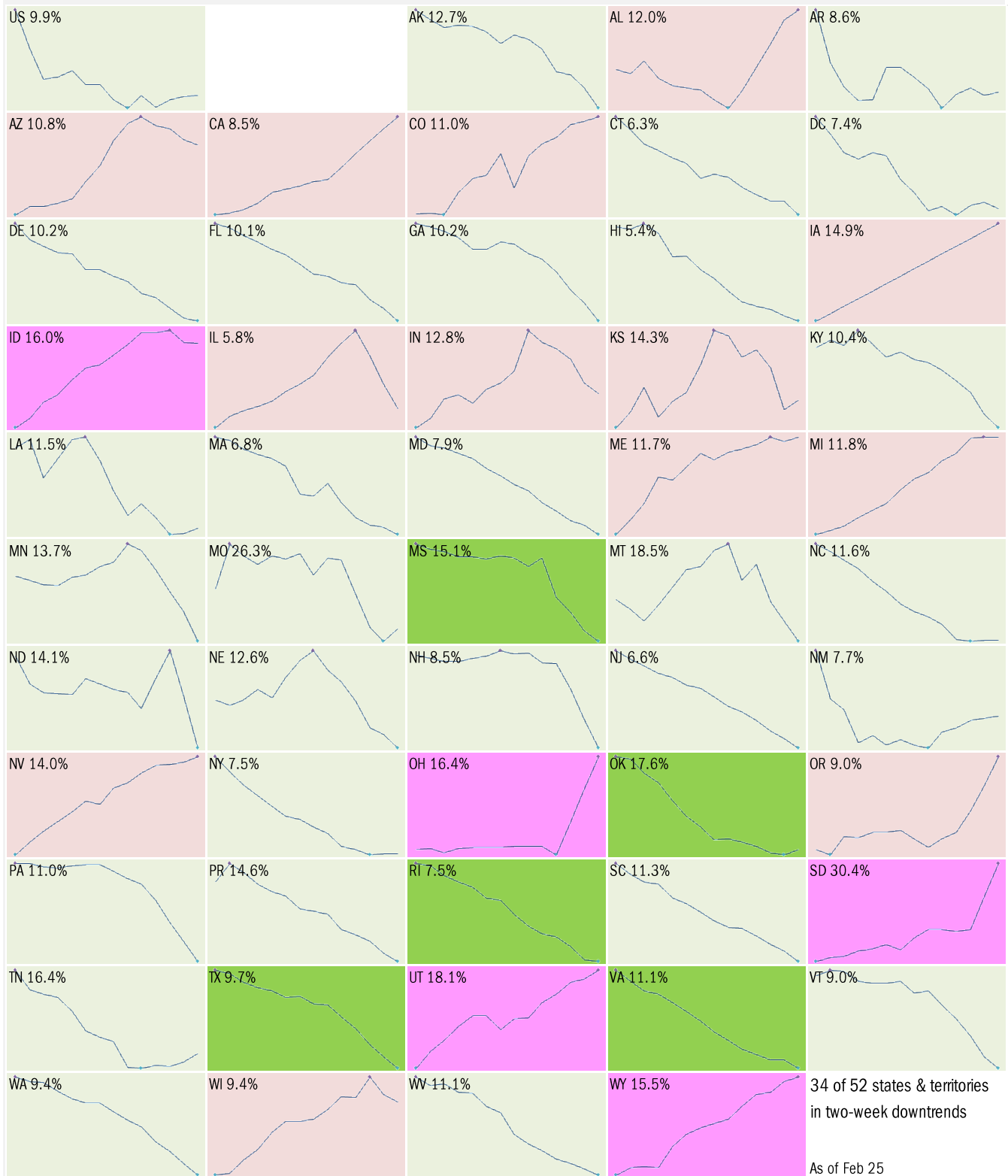


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

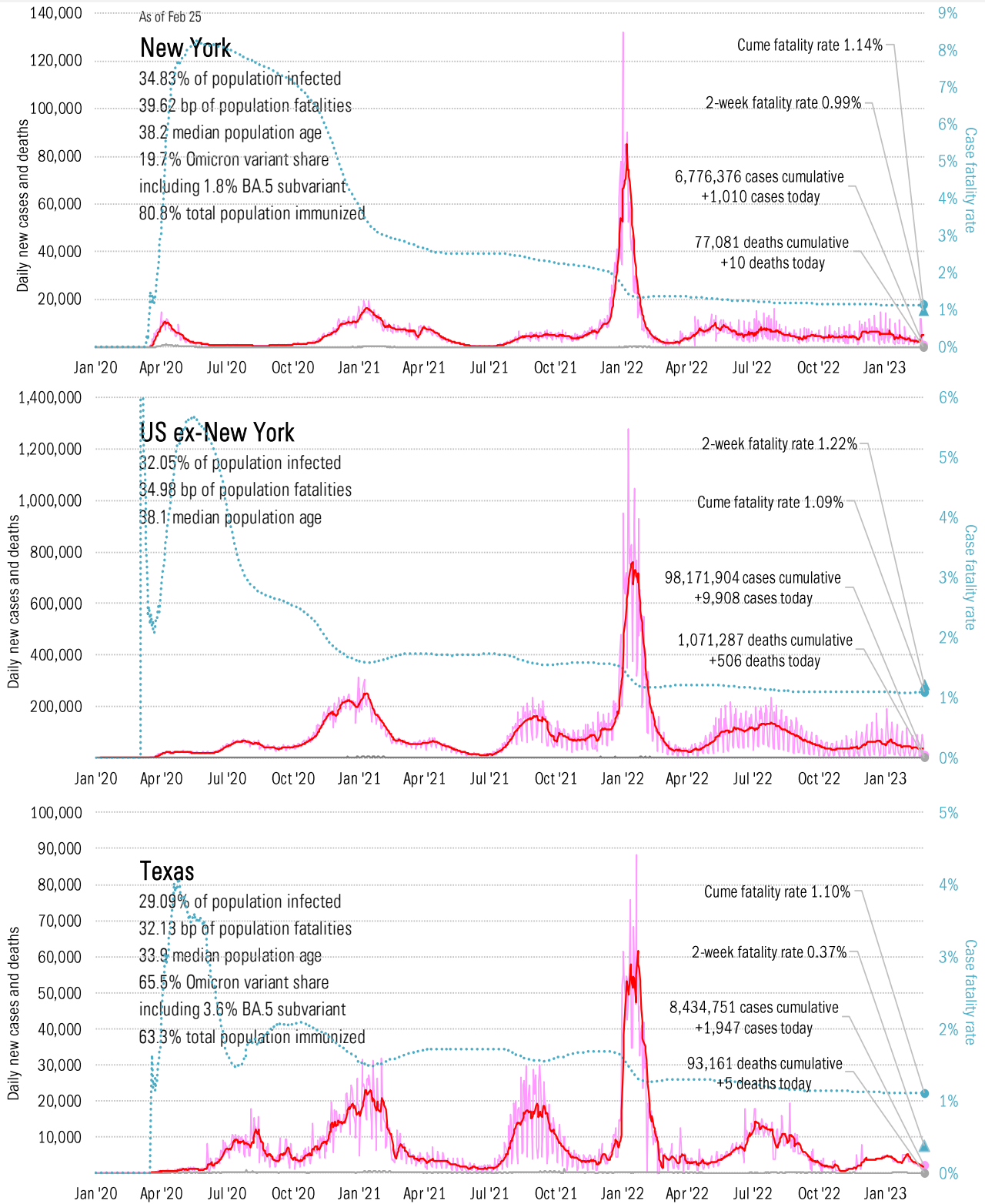
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

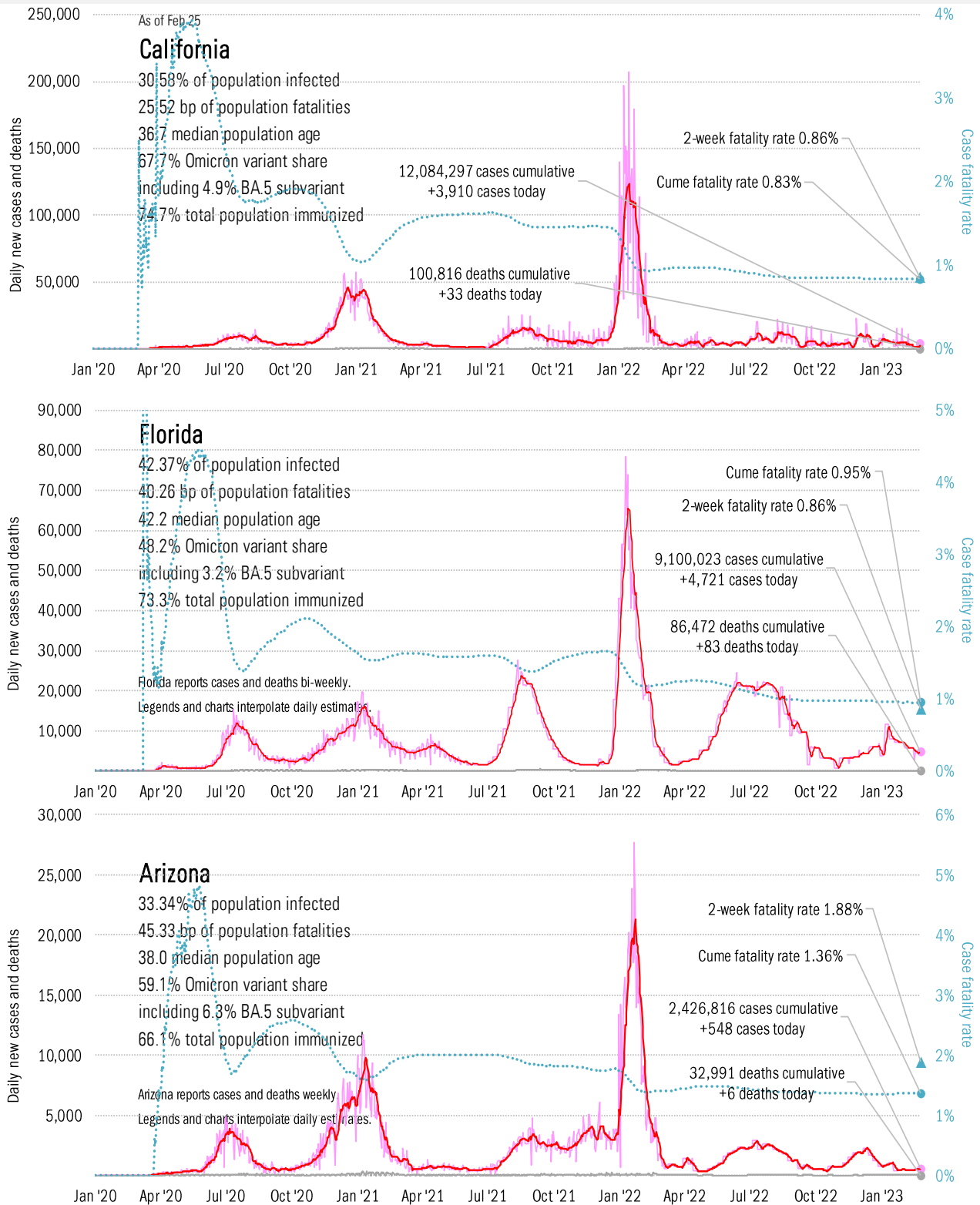
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

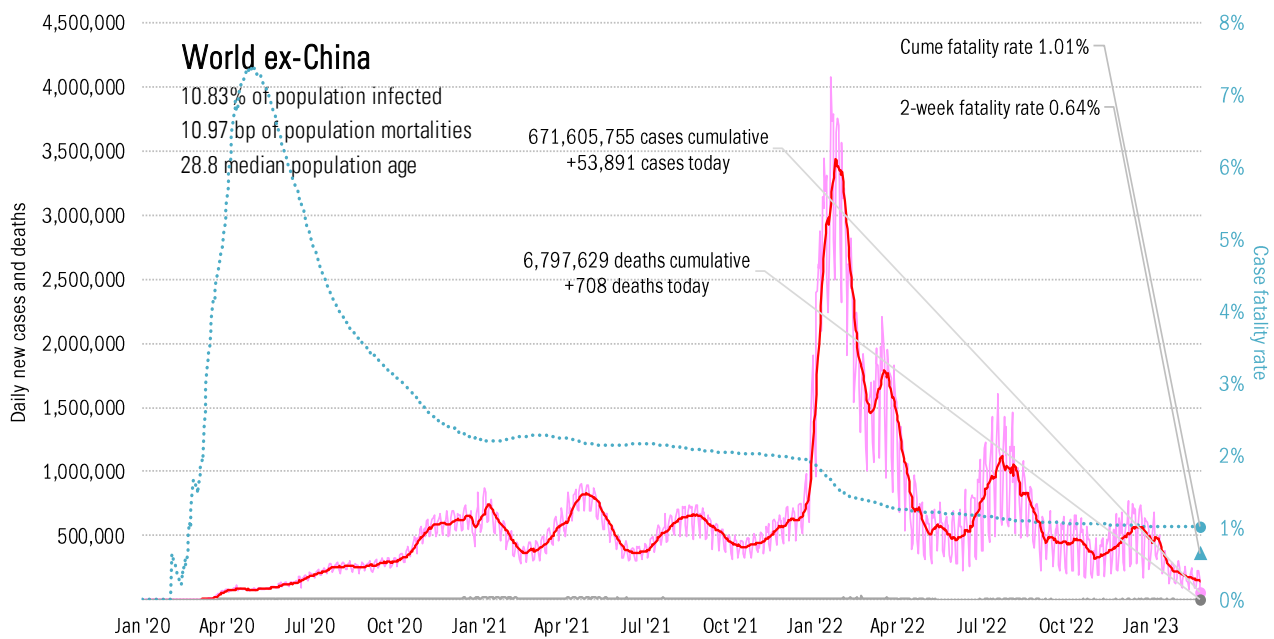
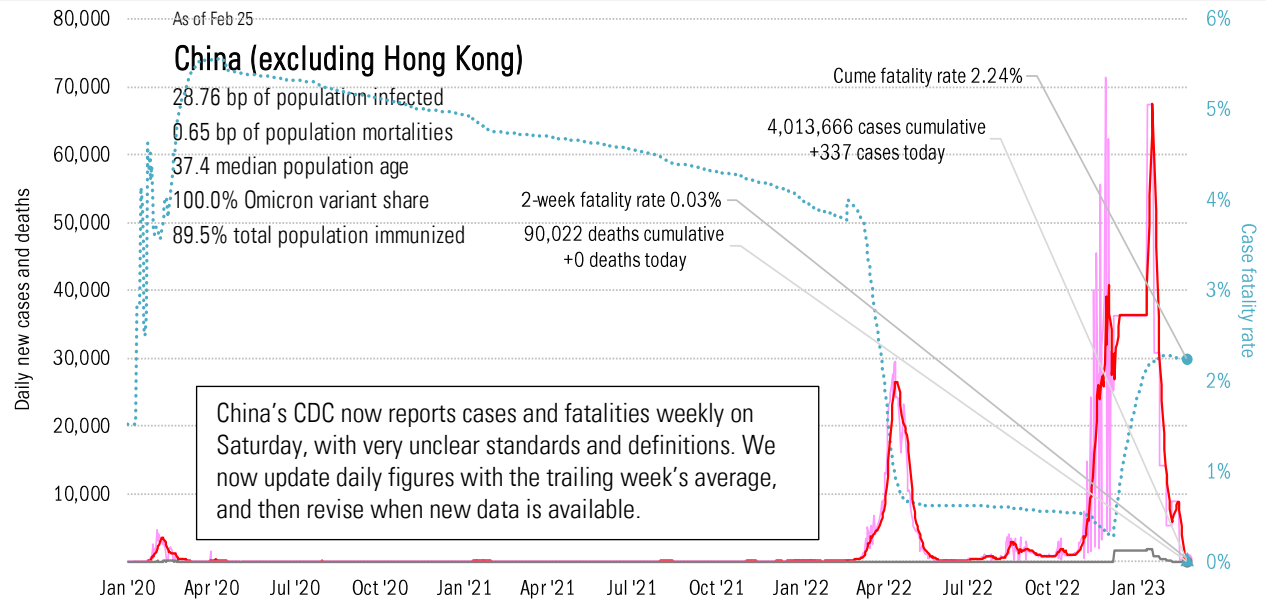
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

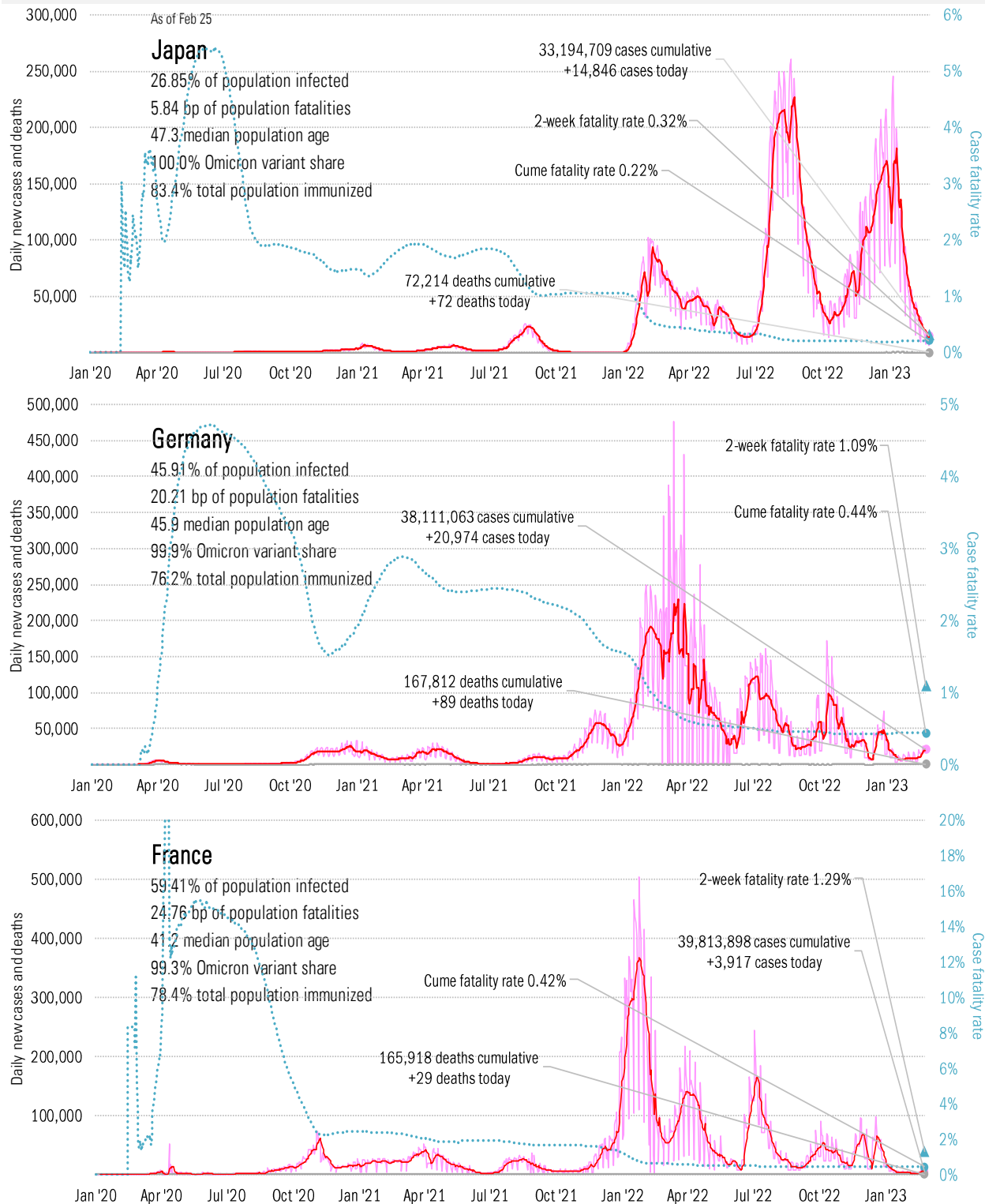
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

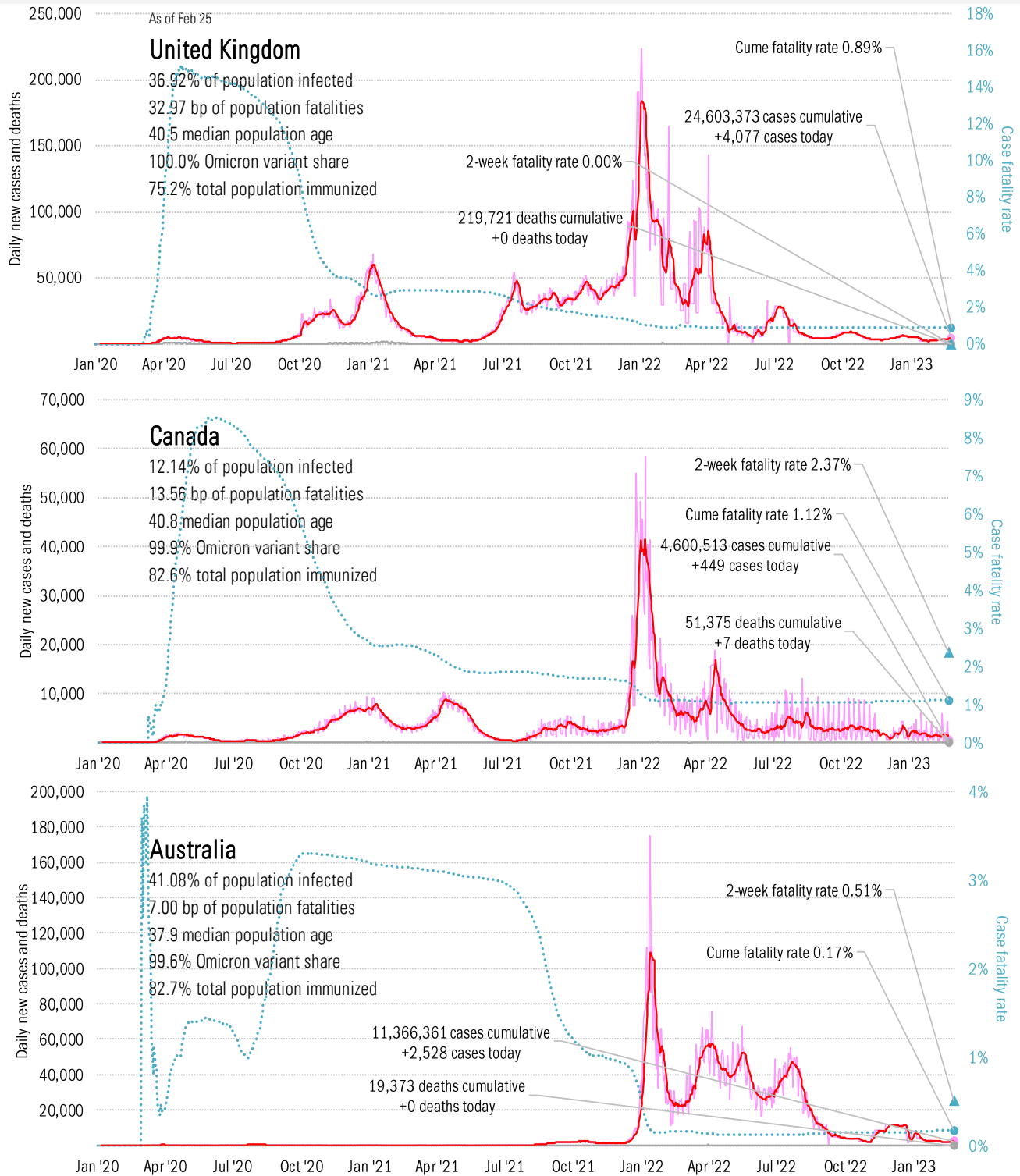
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

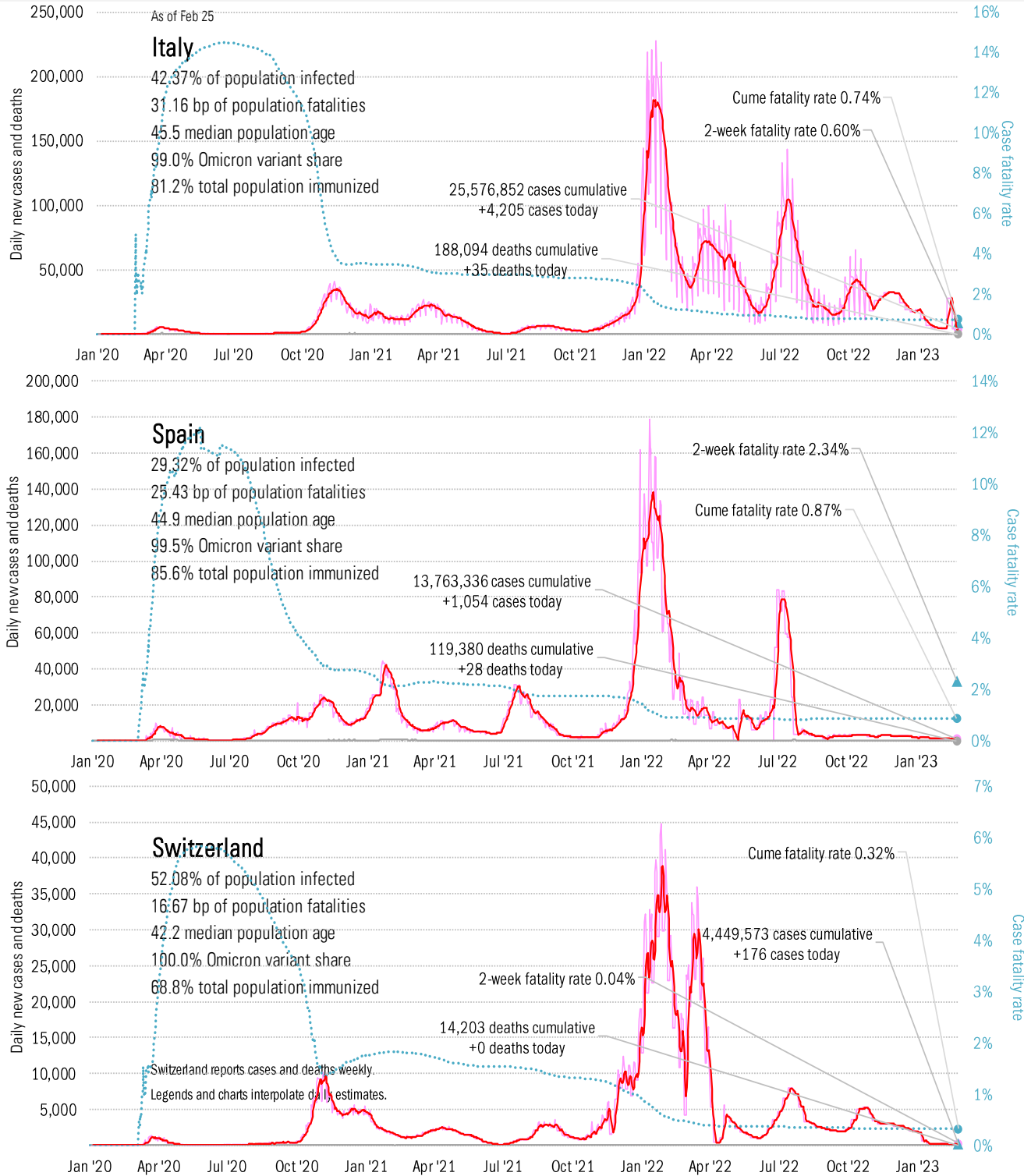
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

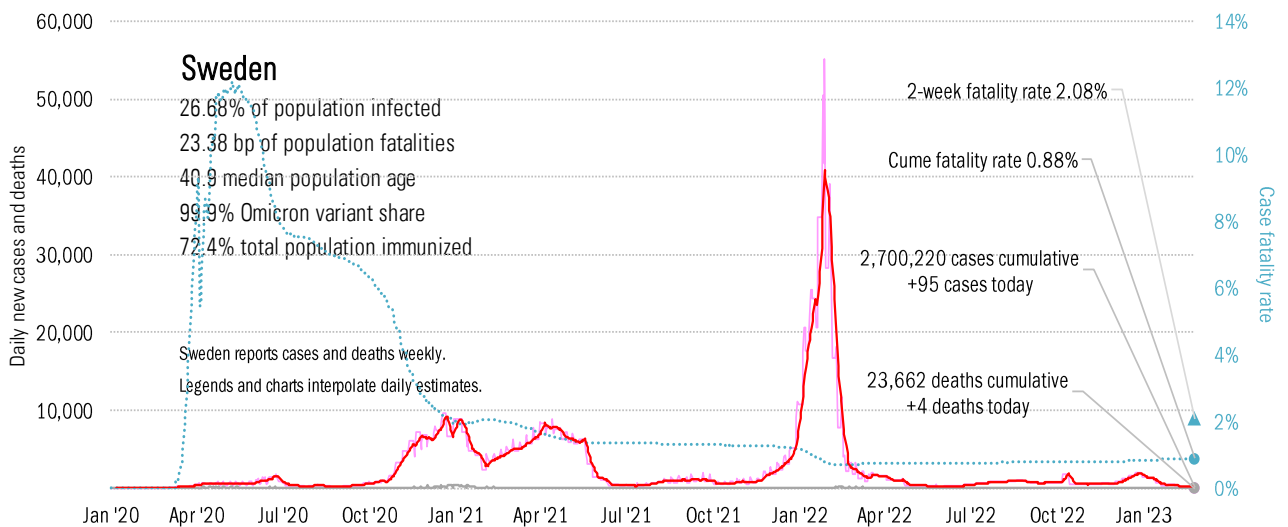
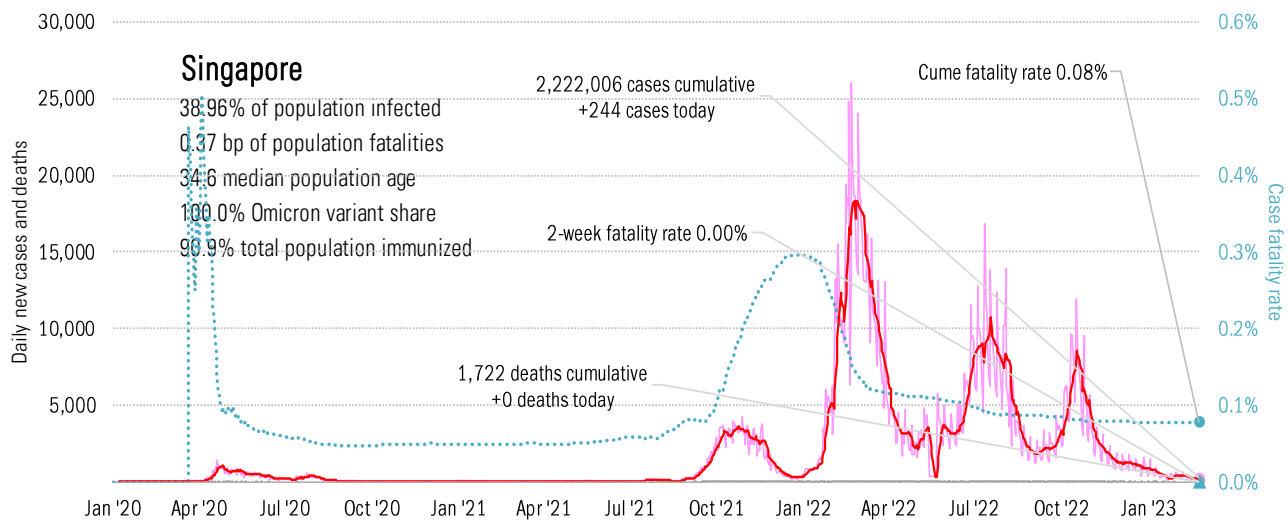
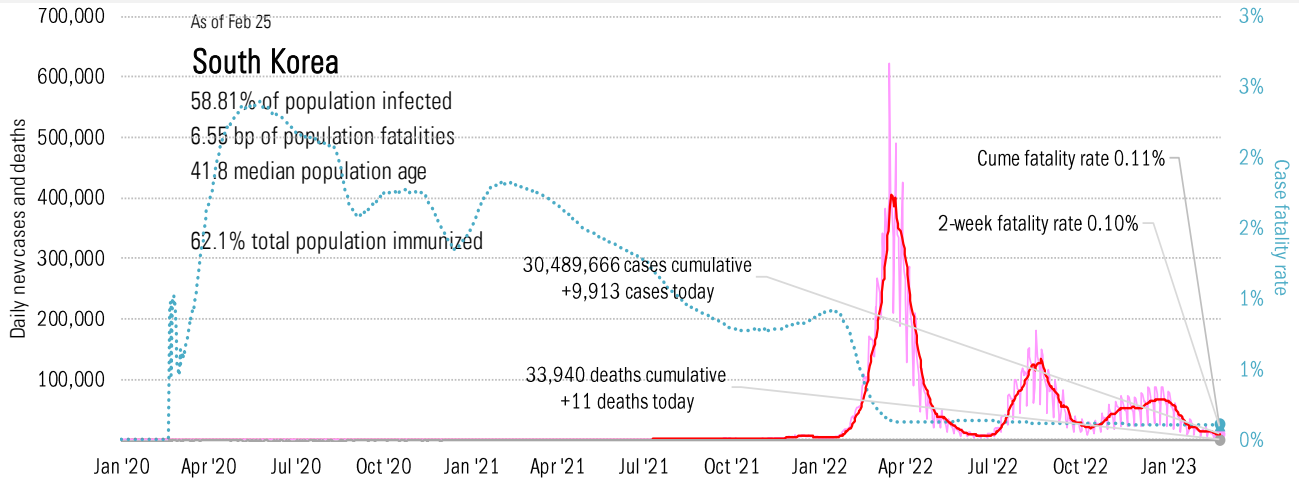
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

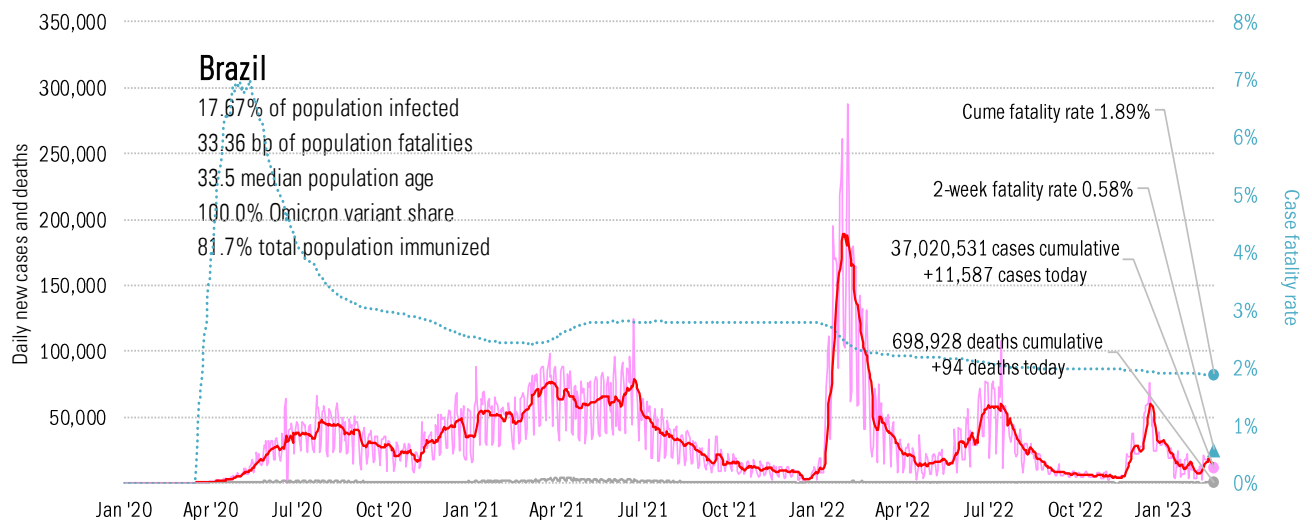
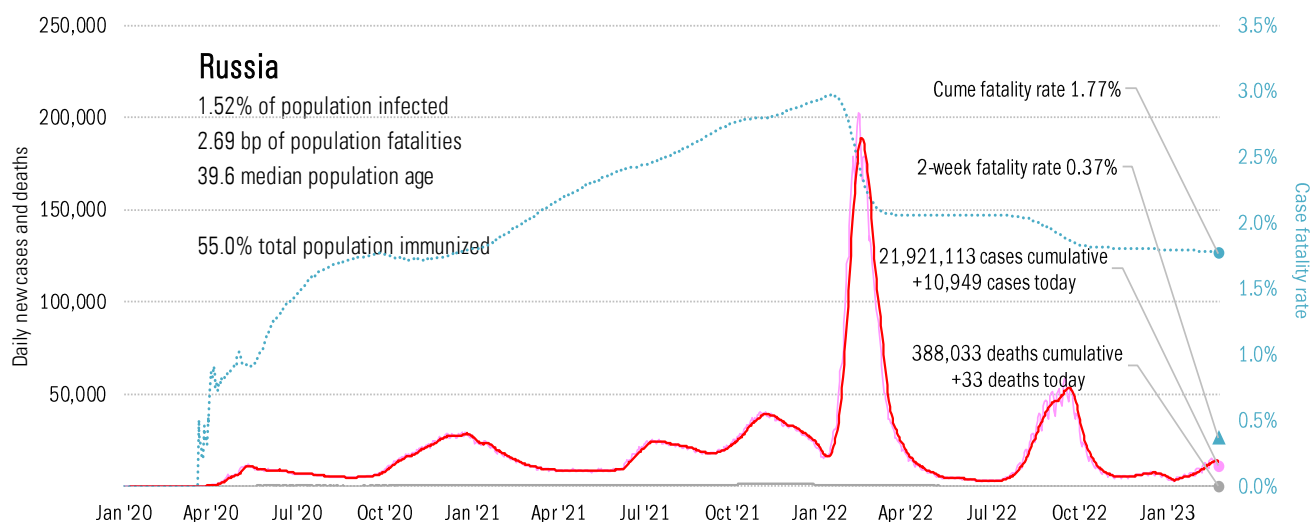
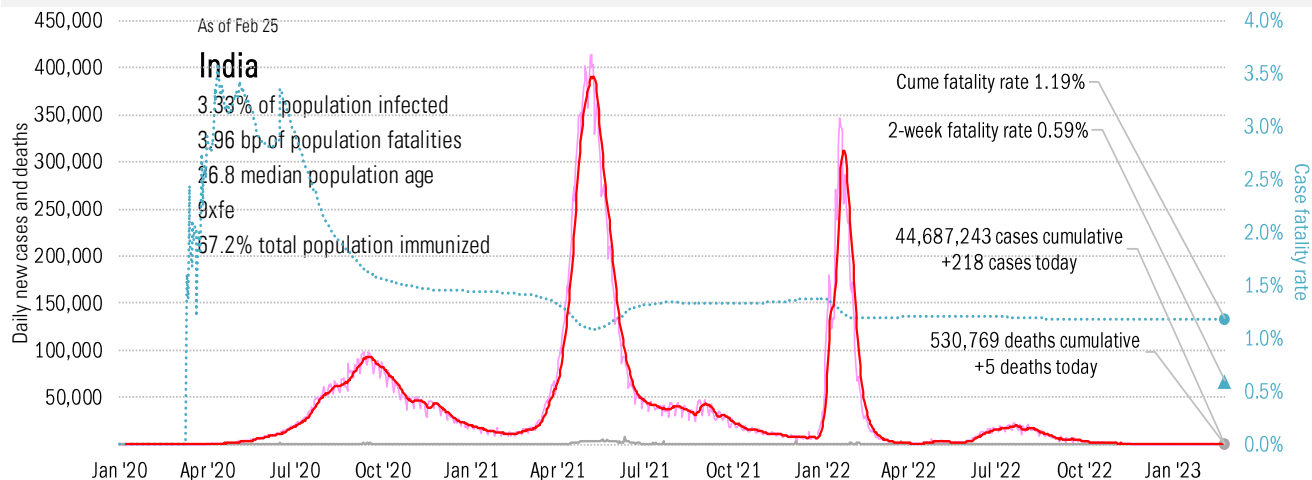
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

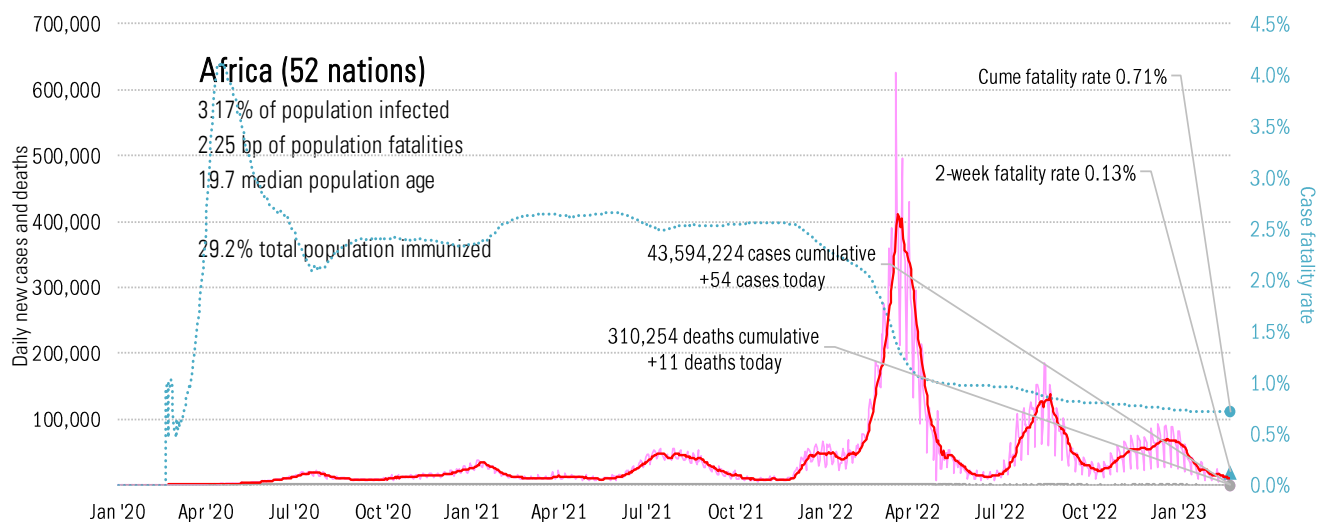
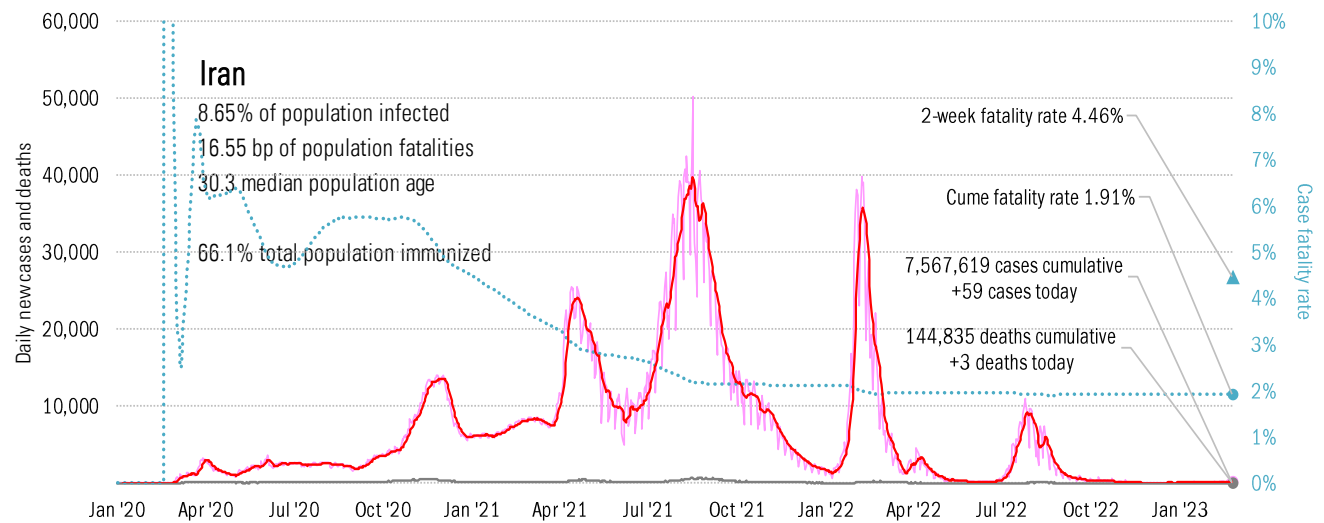
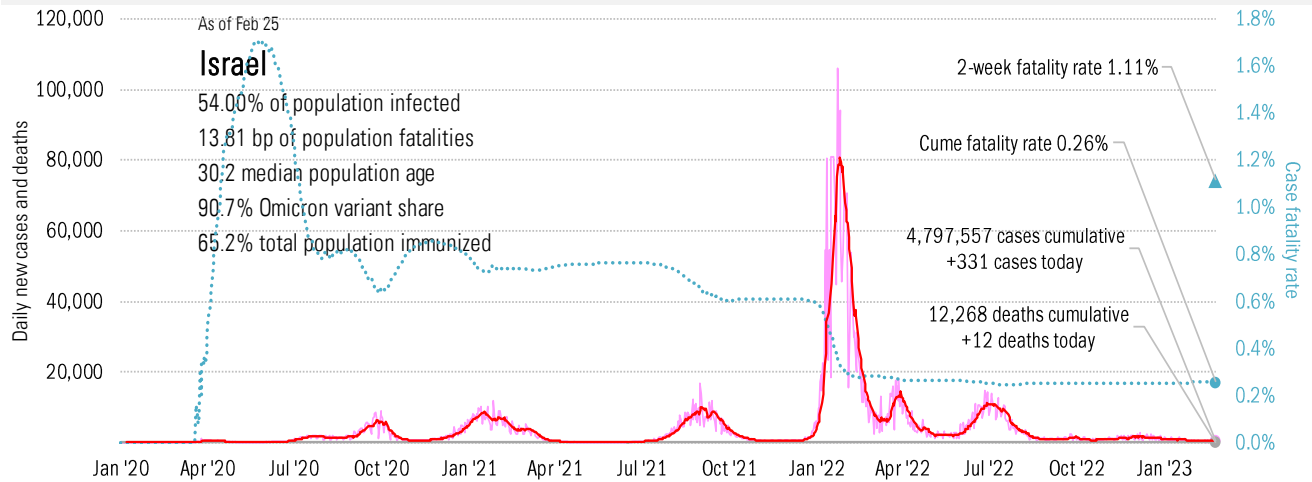
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

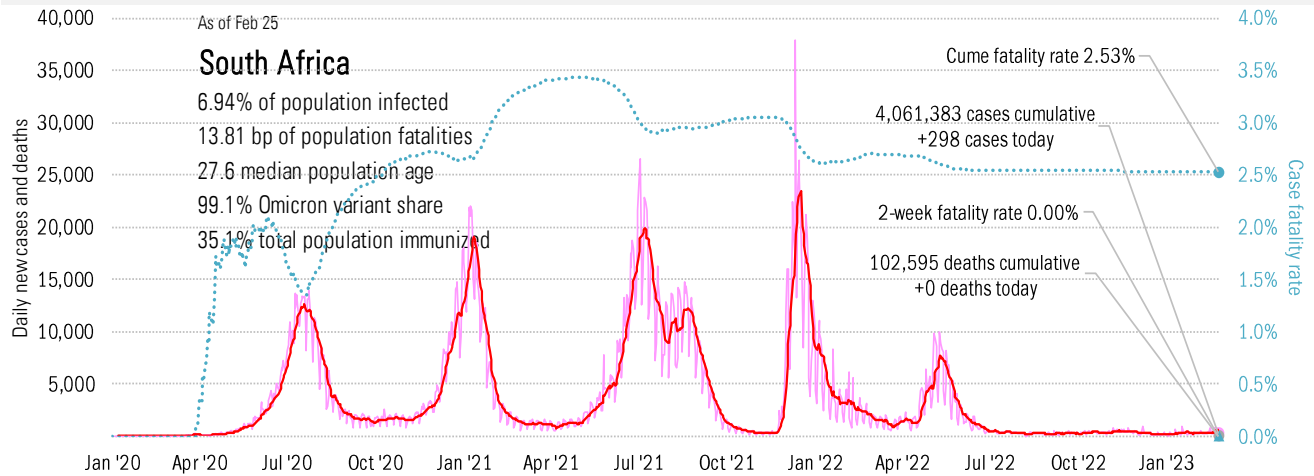
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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