

Data Insights: Covid-2019 Monitor

Tuesday, March 7, 2023

The global scorecard

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

The worst ten countries (see China note page 14)

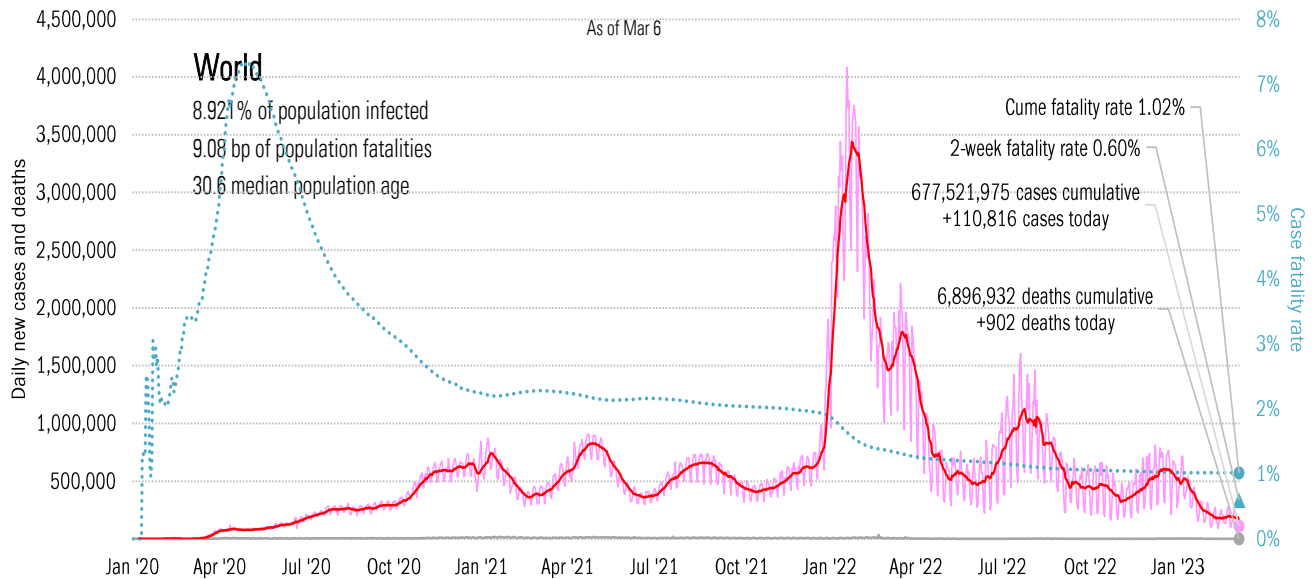
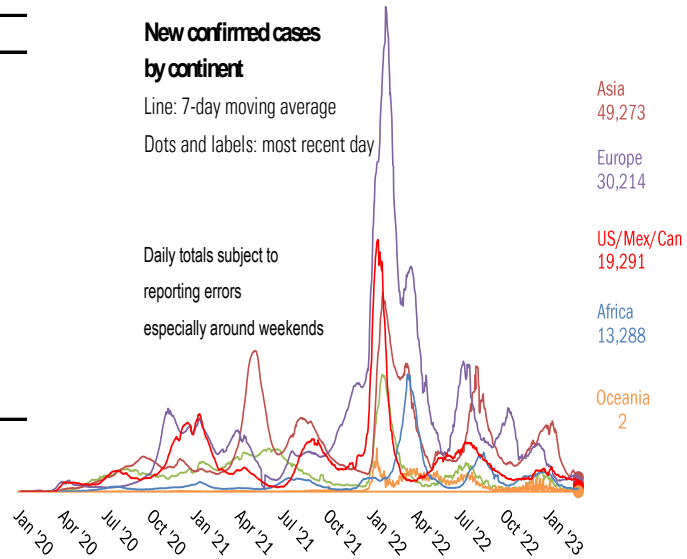
New cases		New Deaths	
China	43,429	United States	387
United States	42,559	Germany	101
Brazil	17,745	Spain	99
Korea, South	12,284	Brazil	79
Russia	11,051	France	43
Germany	8,279	Canada	37
France	8,146	Russia	35
Romania	5,704	Japan	34
Japan	4,263	Italy	33
Italy	3,808	Romania	32

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

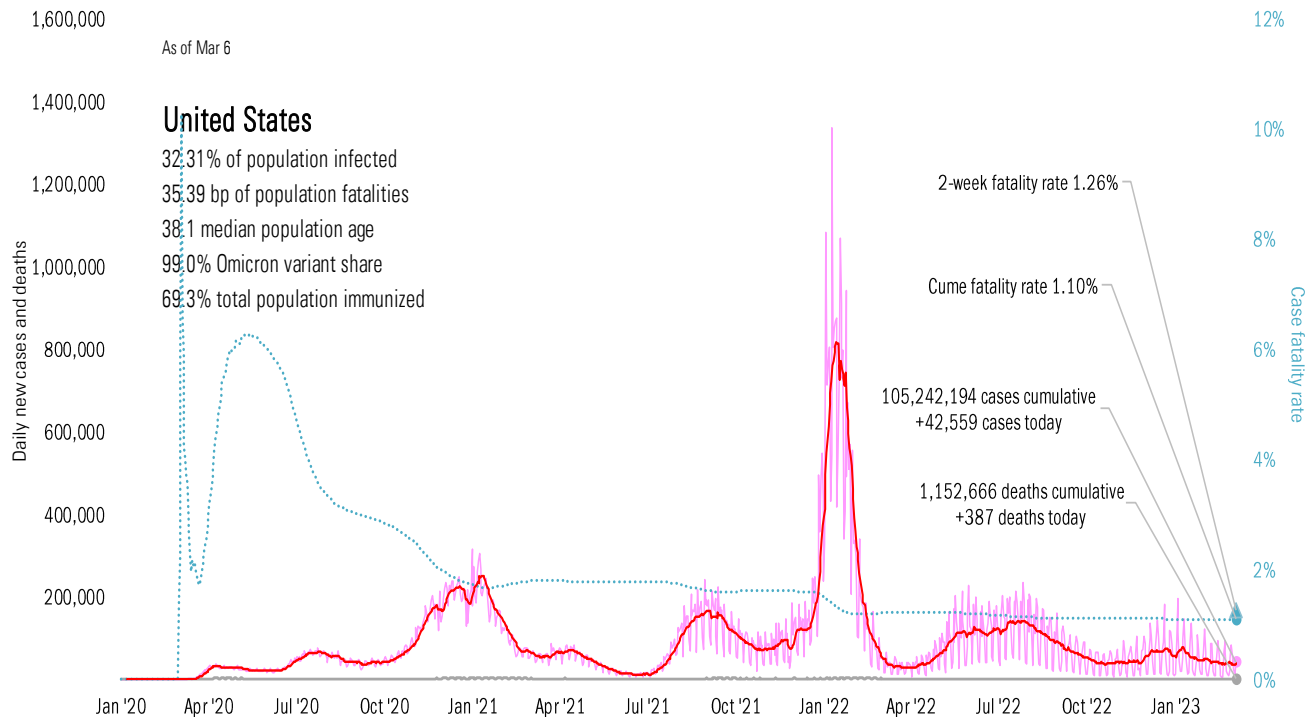
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
FL	8,241		FL	79		NC	123		CA	12,110,297		CA	101,037		TX	589,615		MA	87%	AL	88%
MN	5,147		CA	30		FL	233		TX	8,454,724		TX	93,285		CA	569,113		DC	86%	TX	85%
CA	4,217		MO	27		MA	105		FL	7,574,590		FL	86,850		FL	533,587		DE	85%	WV	85%
NY	2,395		WV	22		NY	204		NY	6,791,004		NY	77,102		NY	355,154		RI	85%	DC	84%
IL	1,795		MI	20		CA	439		IL	4,072,972		PA	50,281		CH	244,637		WV	85%	NC	83%
WV	1,706		MA	17		UT	26		PA	3,520,978		GA	42,427		GA	242,582		MN	85%	MA	82%
CH	1,332		PA	16		AR	26		NC	3,467,226		MI	42,096		PA	231,031		CT	83%	AK	81%
WI	1,260		GA	14		AL	49		CH	3,392,320		CH	41,749		IL	214,185		AK	83%	CK	81%
NC	1,089		NY	13		MO	63		GA	3,065,390		IL	41,443		MI	180,937		WA	82%	AR	81%
MI	1,069		IL	11		TN	66		MI	3,057,222		NJ	35,995		NJ	163,467		MO	82%	RI	81%
28,251			248			1,334			55,506,723			612,265			3,324,308						
All states 42,559			387			2,985			All states 105,242,194			1,152,666			6,022,328			All states 70%		67%	
Top ten 66%			64%			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	
CO	-1,136	TX	-2	TX	-51
PA	-1,016	AK	0	CA	-50
KS	-277	AL	0	IL	-49
AK	0	AR	0	IN	-42
AL	0	AZ	0	CO	-34

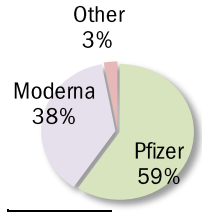


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	688,874,547		+0.073 million		US	69.3%	81.2%
			Of which boosters: +0.046 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	277,995,771	83%	236,920,363	71%	+0.012 million	Spain	85.6%
Age 12 to 17	18,489,485	73%	15,821,611	63%	+0.001 million	Germany	76.2%
Age 18 to 64	184,796,583	91%	157,013,258	77%	+0.007 million	Italy	81.2%
Age 65 and over	61,113,123	100%	53,528,865	98%	+0.001 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

"Immunity" = two doses

AK
73.0%
65.1%

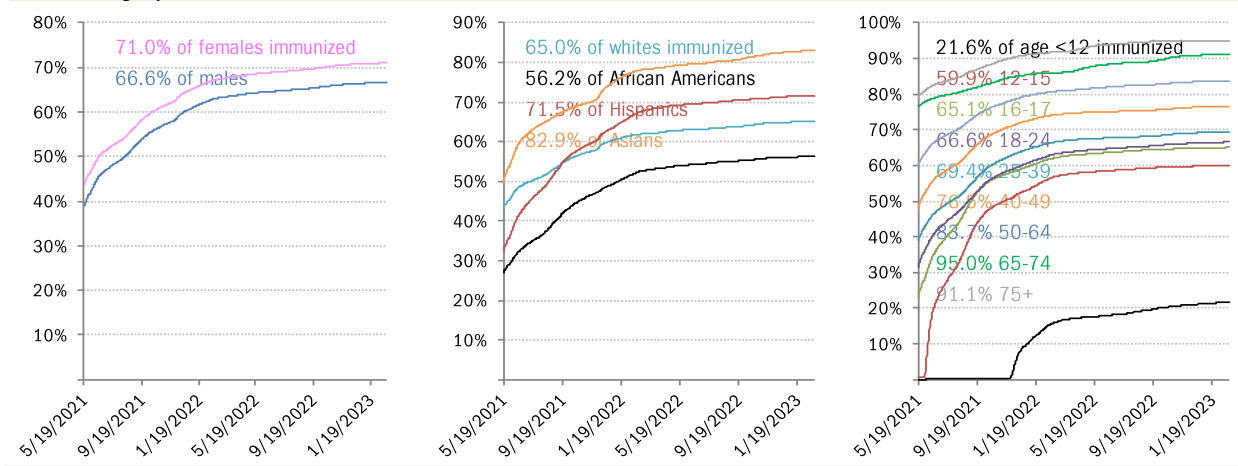
WI
75.2%
68.2%

As of Mar 3

ME
95.0%
83.4%

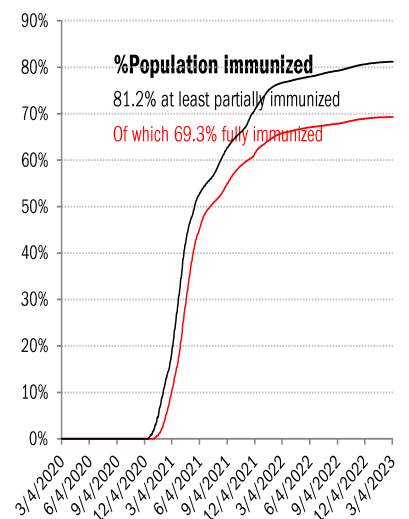
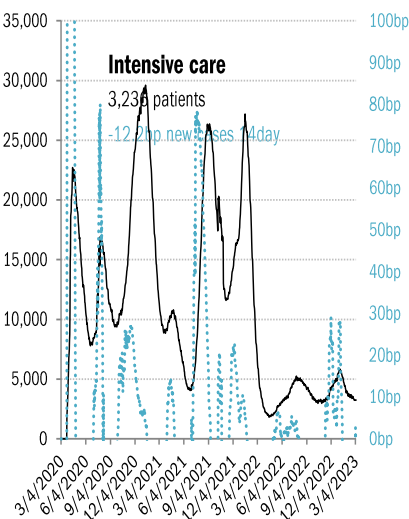
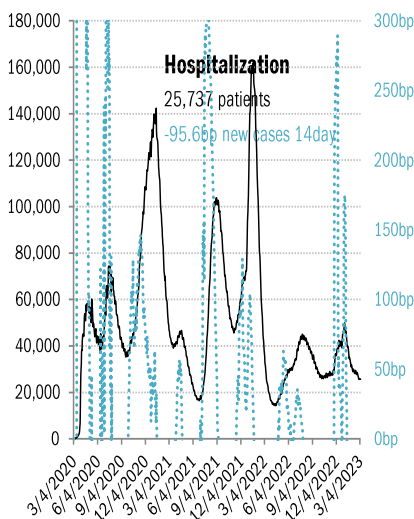
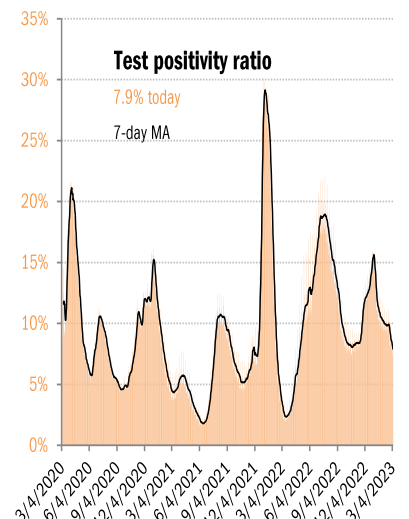
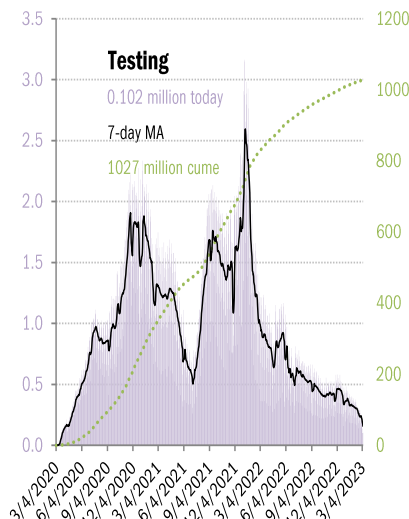
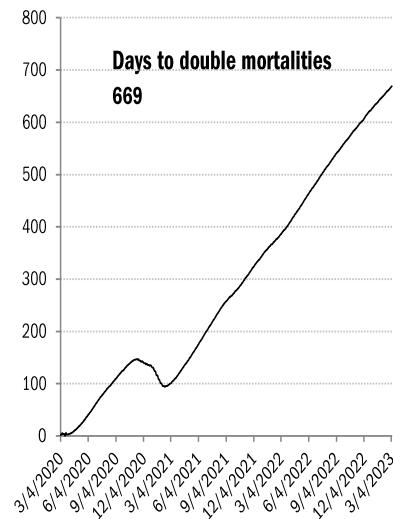
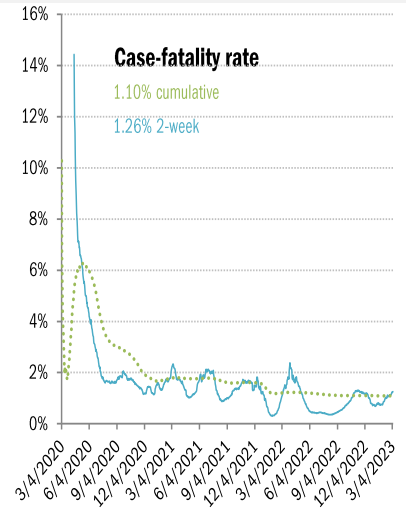
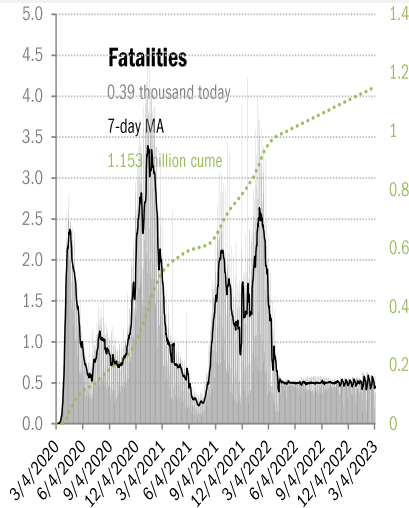
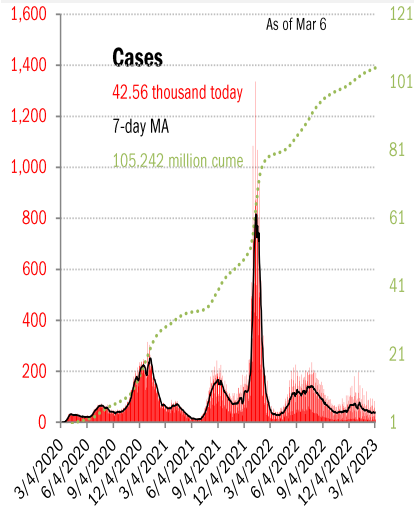
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.3%	64.0%	68.3%	69.4%	78.9%	79.2%	69.5%	94.5%	95.0%	88.2%	
76.1%	56.5%	59.2%	58.7%	72.2%	71.4%	62.3%	80.8%	85.8%	72.0%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.7%	77.7%	60.9%	84.0%	70.7%	64.4%	65.8%	90.7%	94.7%	95.0%	
72.4%	63.7%	53.0%	66.3%	64.4%	57.8%	60.5%	73.4%	79.2%	84.3%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.8%	75.4%	83.7%	73.4%	69.4%	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%	79.8%	83.1%	87.8%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	77.9%	94.5%	76.3%	69.9%	64.4%	92.3%	71.0%	95.0%	88.3%	
	66.1%	75.2%	65.4%	56.9%	56.3%	67.2%	59.9%	90.5%	73.4%	
			OK	LA	MS	AL	GA			
			74.7%	62.8%	61.7%	65.0%	68.4%			
			60.5%	55.0%	53.7%	53.2%	57.3%			
			TX					FL		PR
			76.5%					82.5%		90.9%
			63.3%					69.4%		84.1%

The demographics of US vaccination

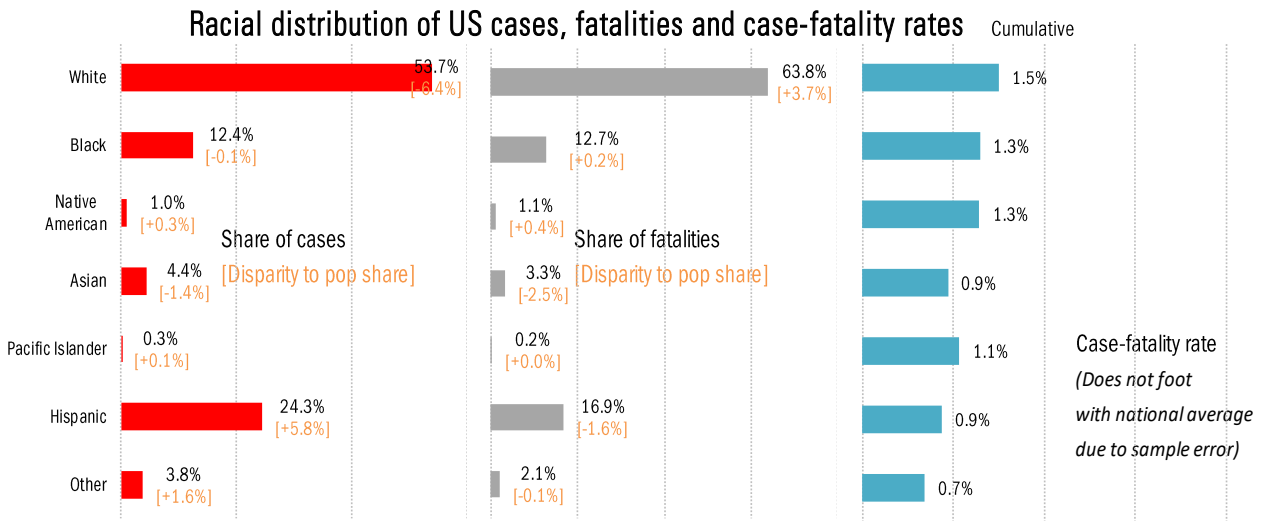
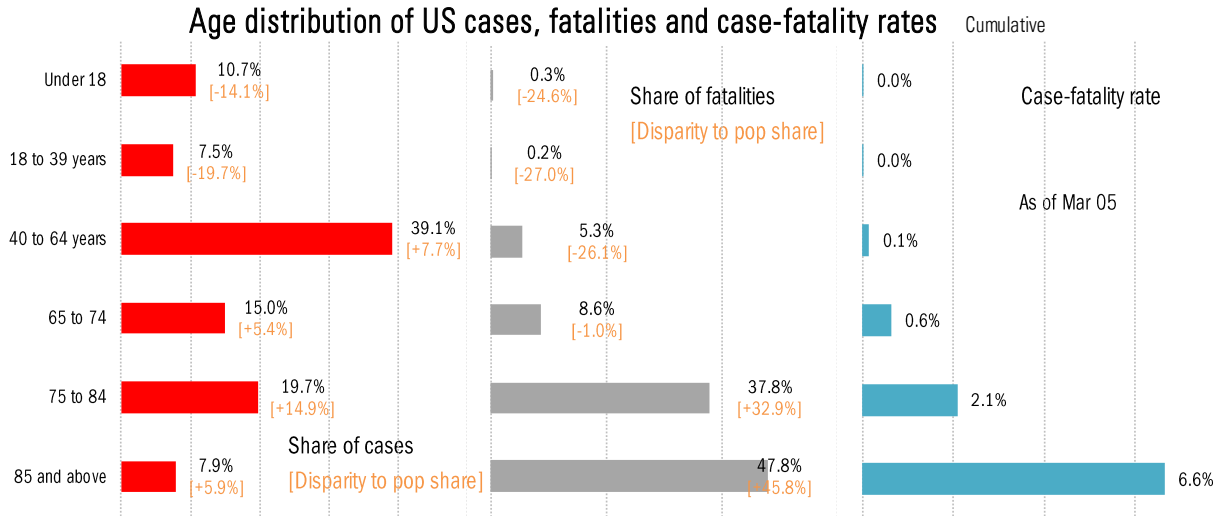


Source: CDC, CDC, Our World in Data, TrendMacro calculations

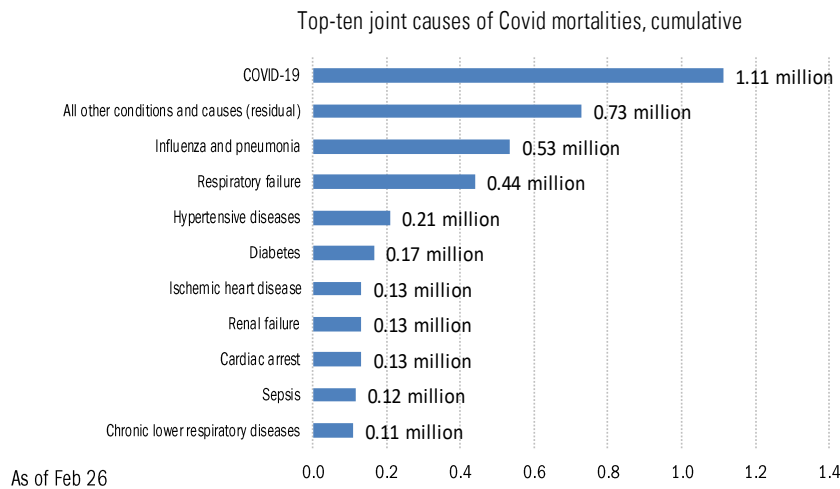
US deep-dive



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

[Why Scientists Got the Covid Lab Leak Wrong](#)

Tim Trevan
Wall Street Journal
March 6, 2023

[The Government's Covid Casualties](#)

Wall Street Journal
March 6, 2023

[Notable & Quotable: The Lockdown Files](#)

Wall Street Journal
March 5, 2023

[7 Key Questions for New House Select Subcommittee on Coronavirus Pandemic](#)

Robert Moffit
Daily Signal
March 6, 2023

[Credibility crisis: CNN boss ordered staff not to chase down COVID lab leak theory as pandemic unfolded](#)

Brian Flood, Joseph A. Wulfsohn and David Rutz
Fox News
March 6, 2023

[Bill Maher says COVID 'dissenters' are 'looking pretty good' following lab leak theory developments](#)

Joseph A. Wulfsohn
Fox News
March 4, 2023

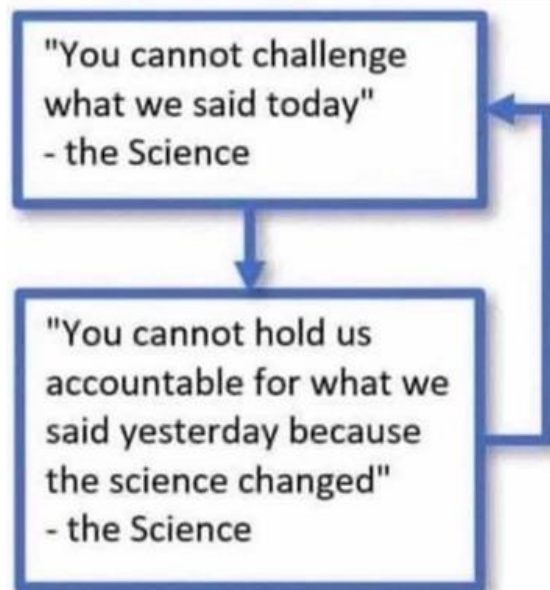
[Where the Kids Went: Nonpublic Schooling and Demographic Change during the Pandemic Exodus from Public Schools](#)

Thomas S. Dee
Urban Institute
February 9, 2023

[Can a 1975 bioweapons ban handle today's biothreats?](#)

Matt Field
Bulletin of the Atomic Scientists
March 6, 2023

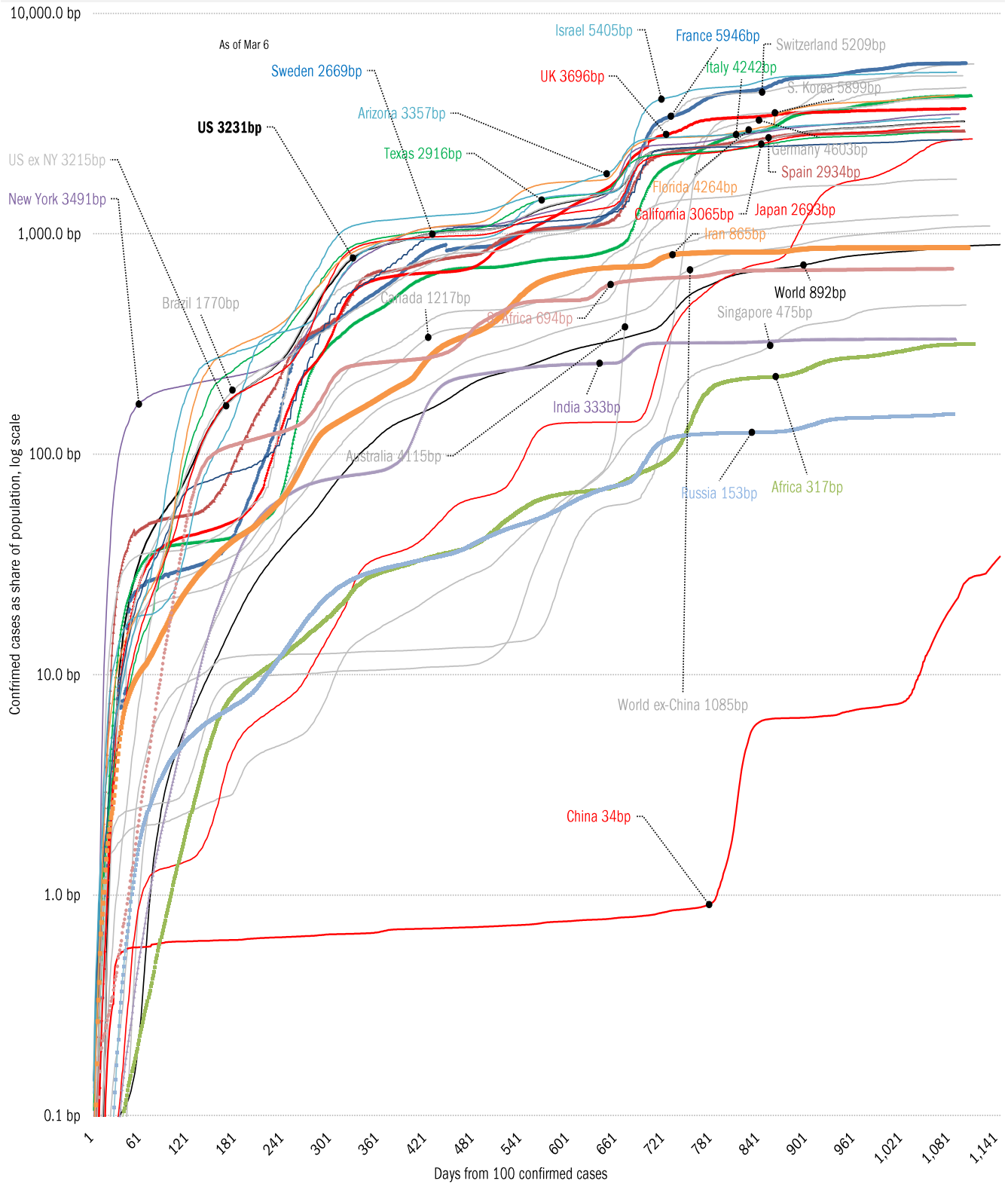
Meme of the Day



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

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

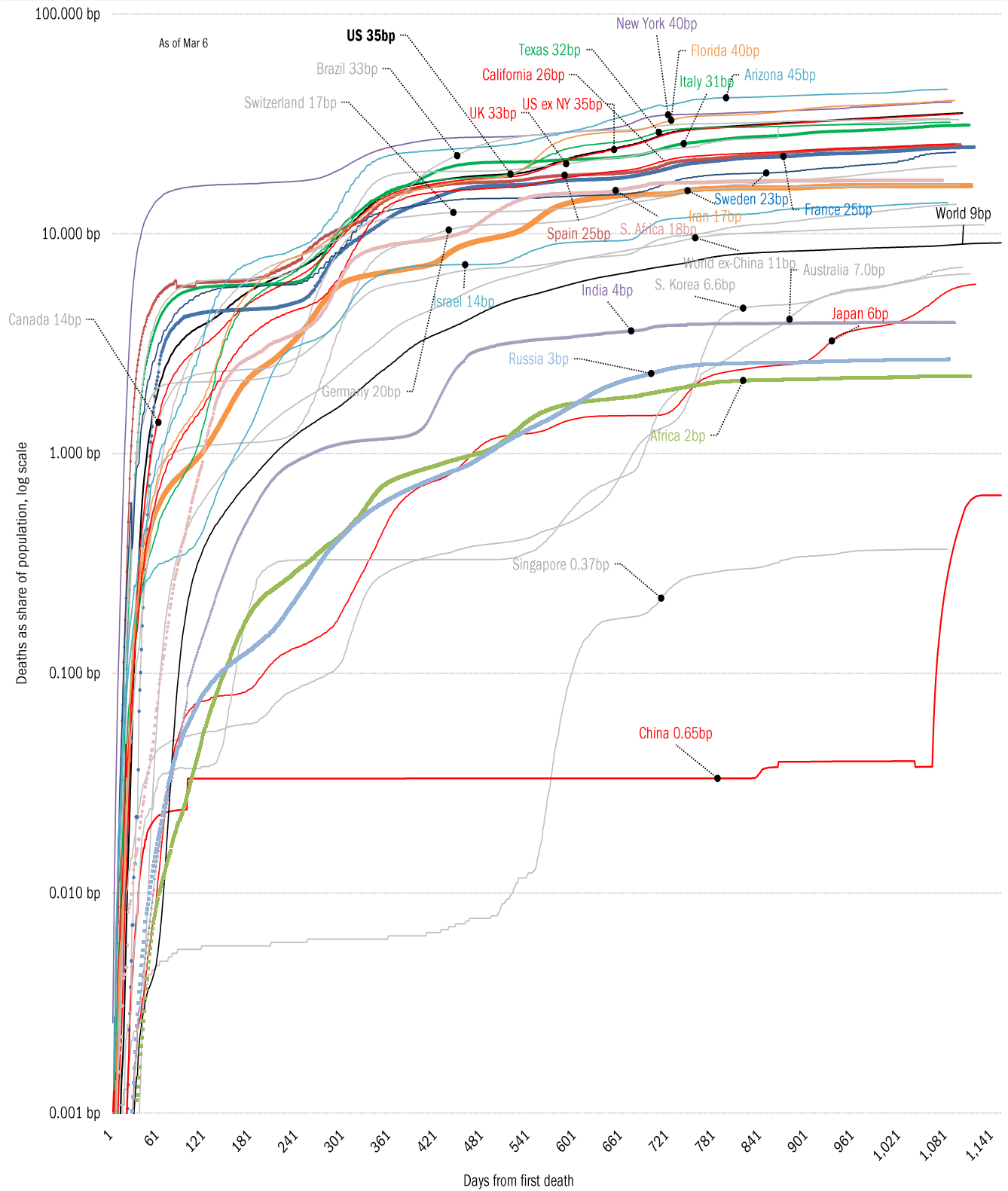
Share of infected population from first day with 100 confirmed cases, log scale



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

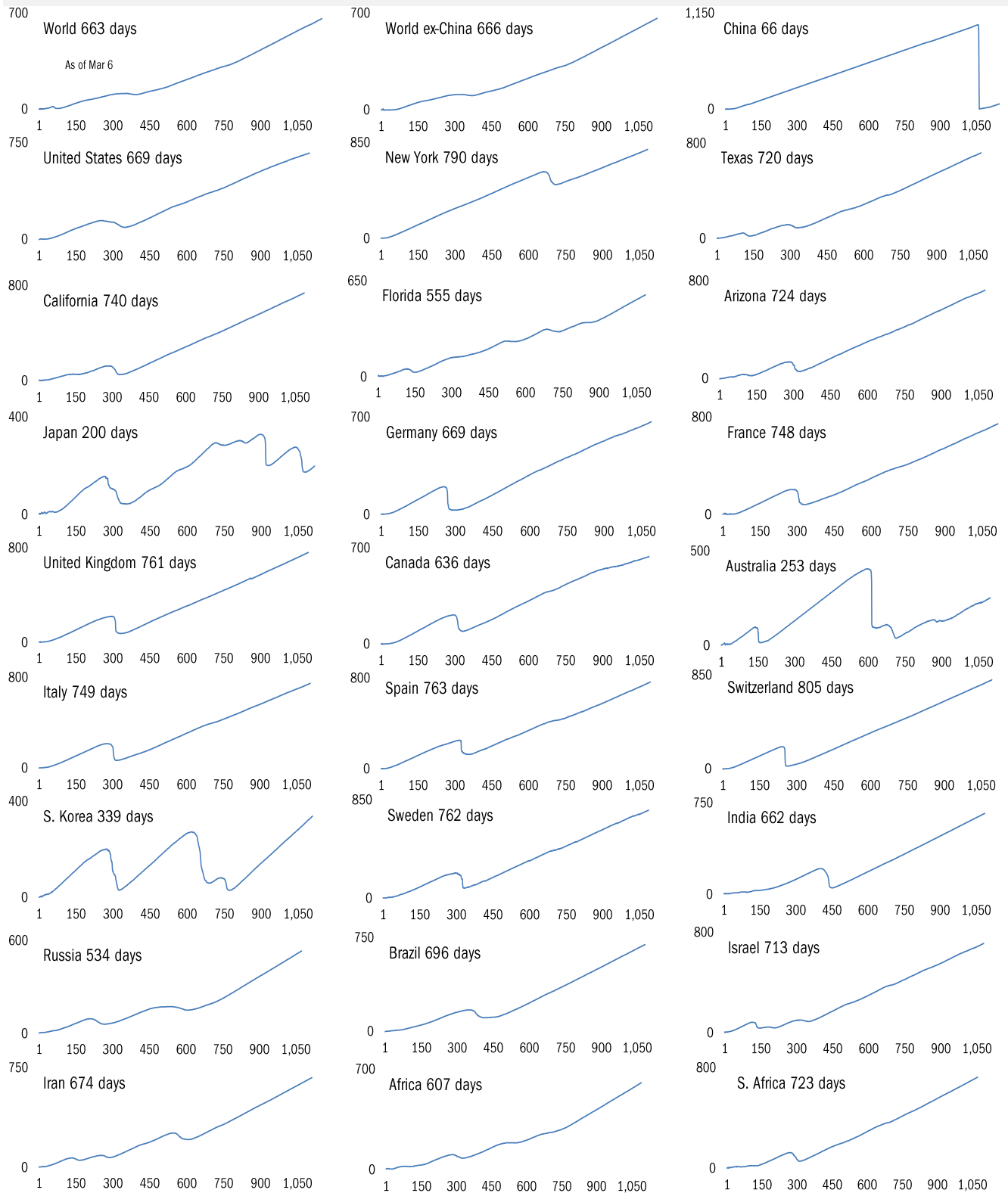


Source: [Johns Hopkins](#), TrendMacro calculations

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

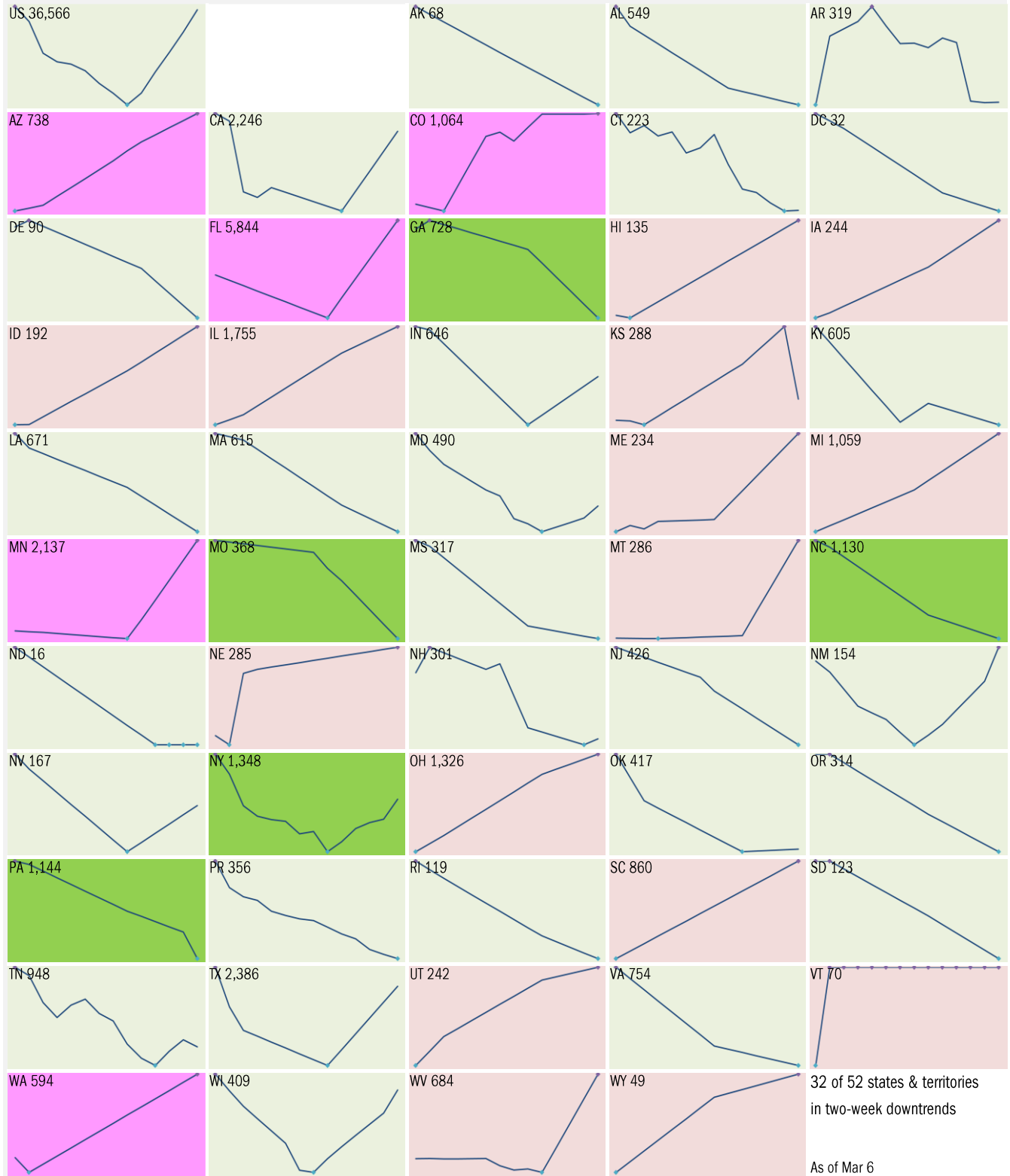


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

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

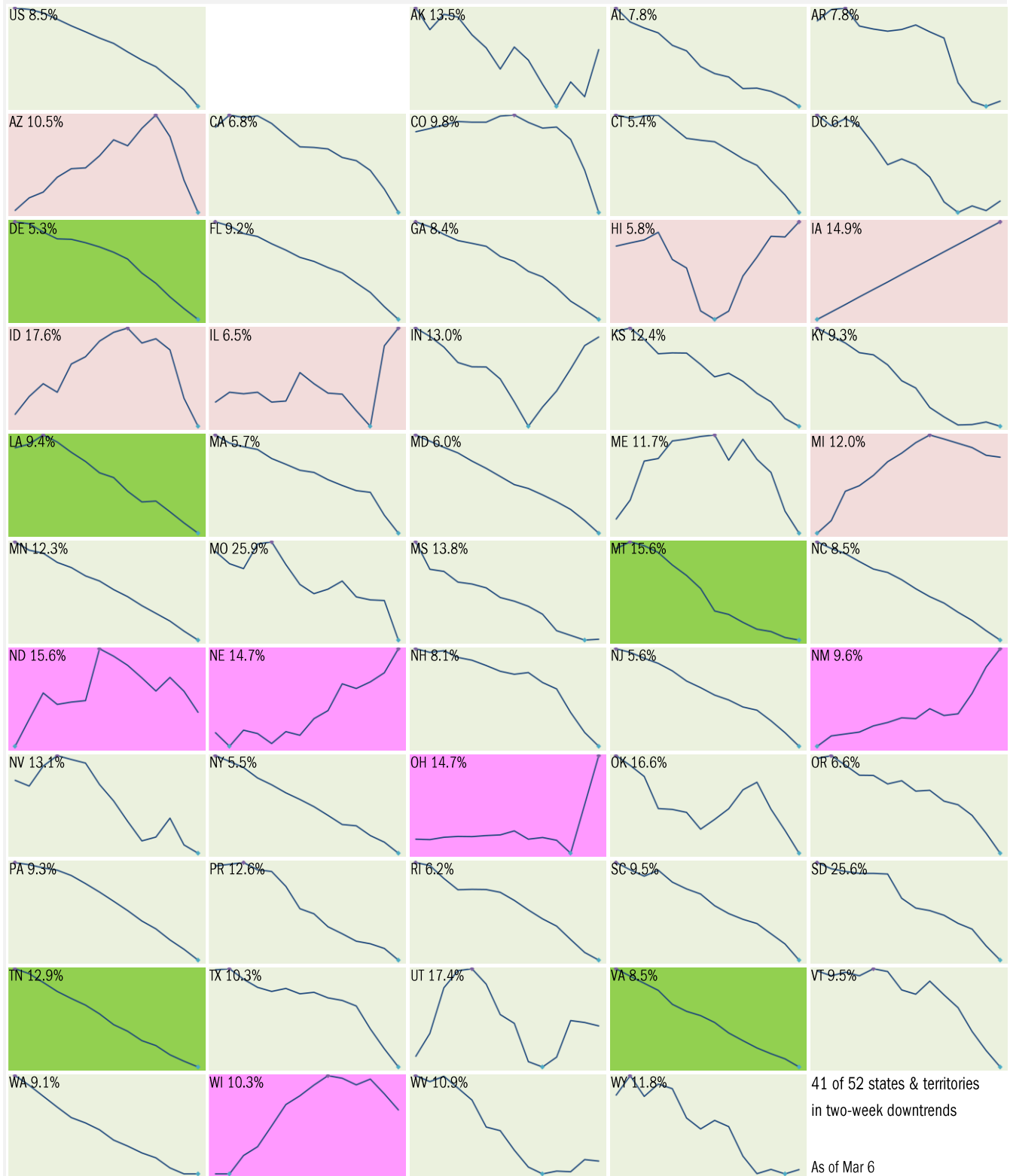


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

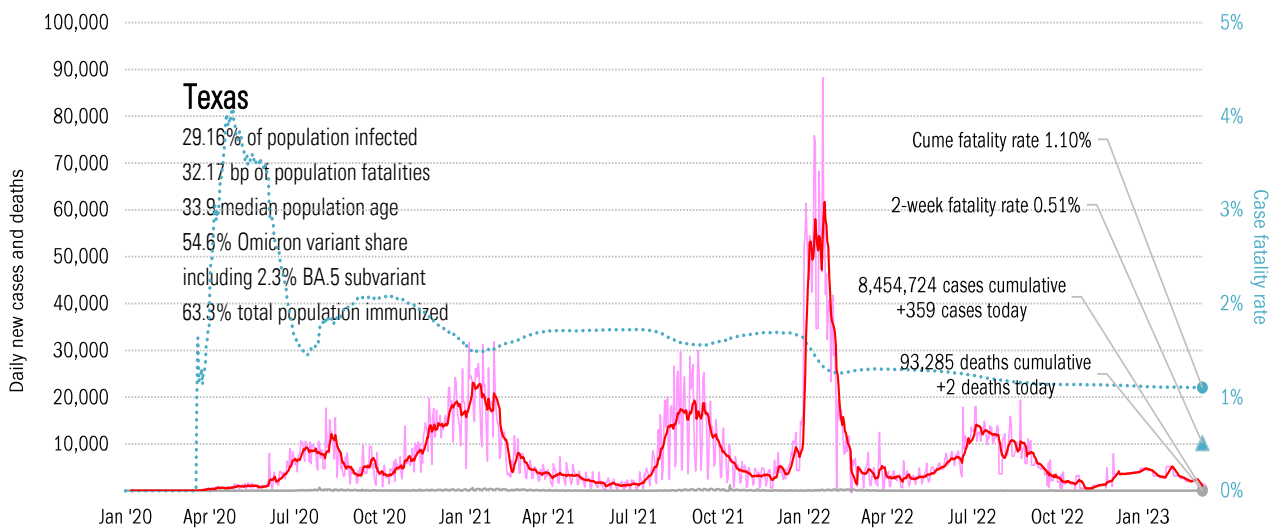
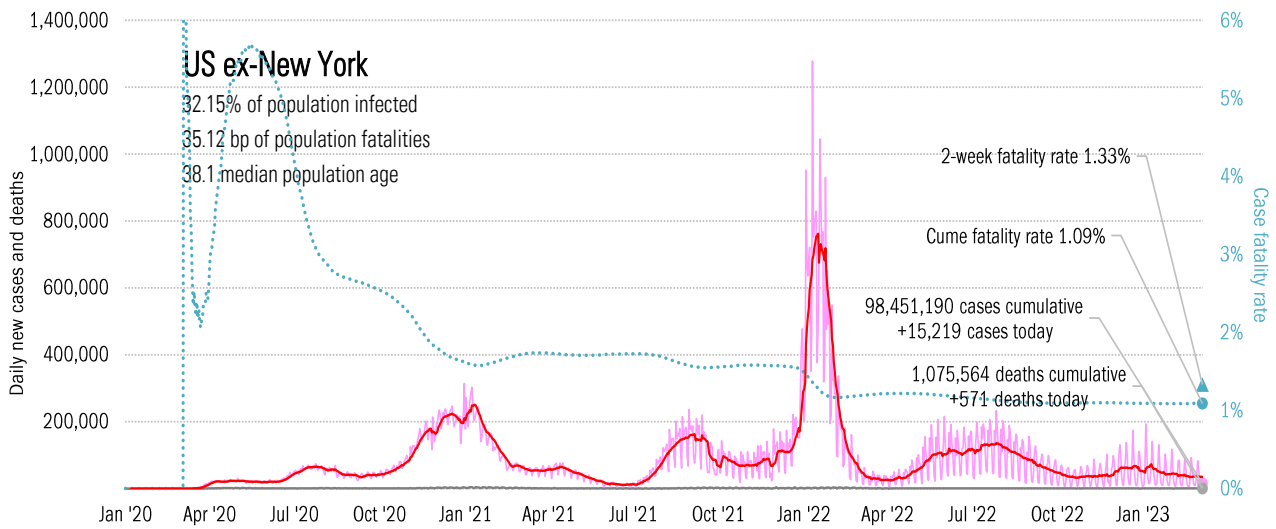
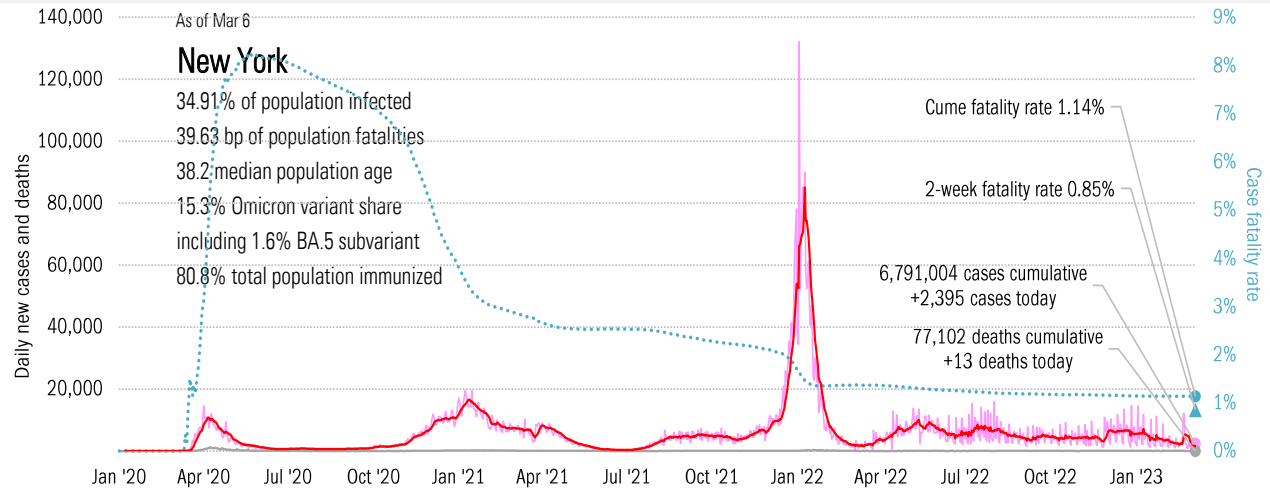
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

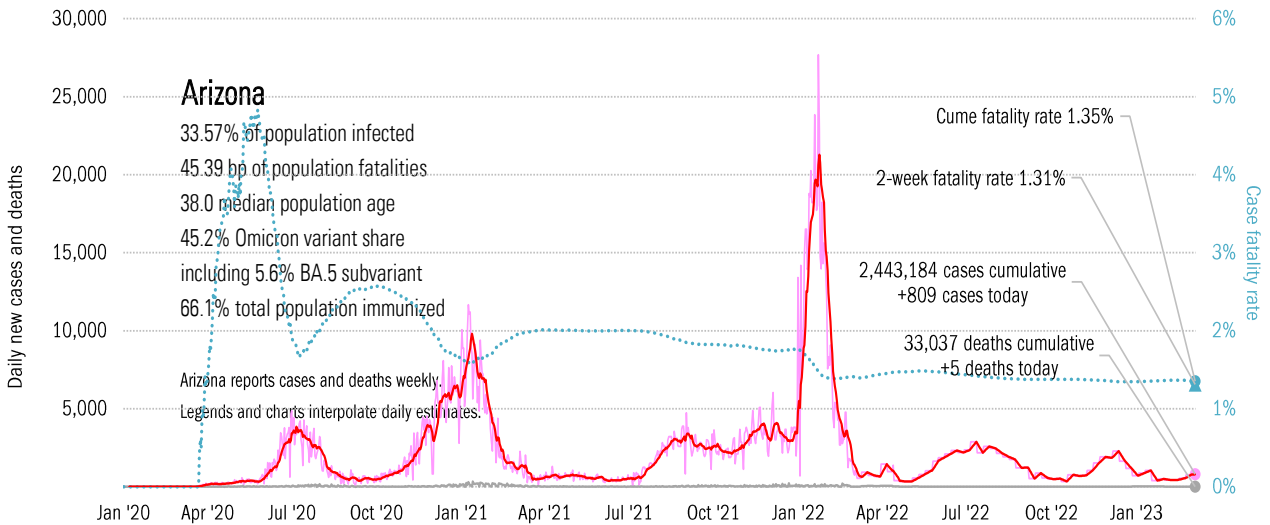
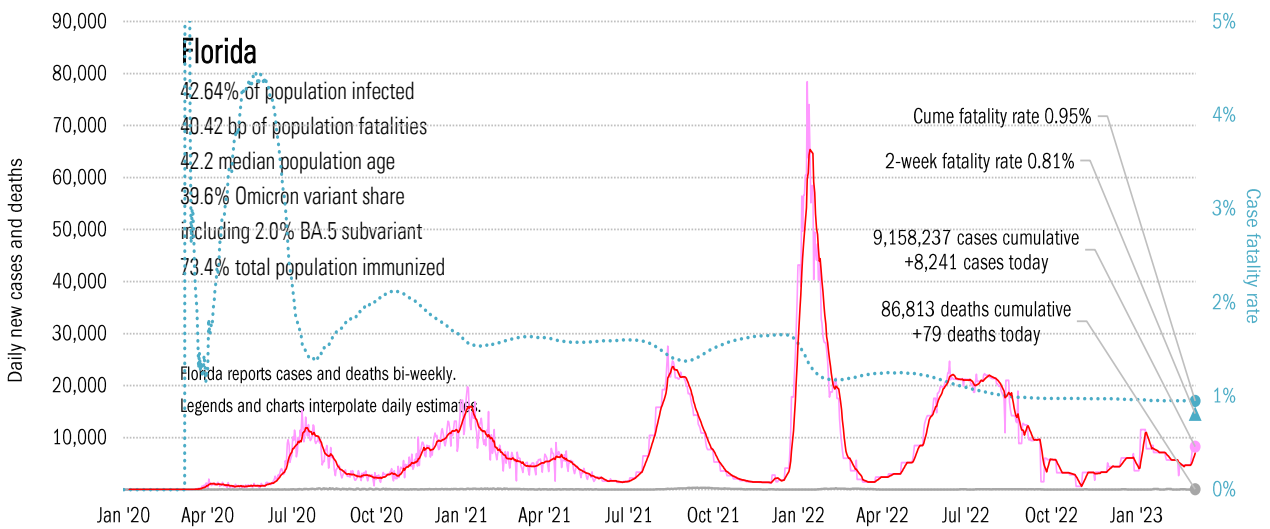
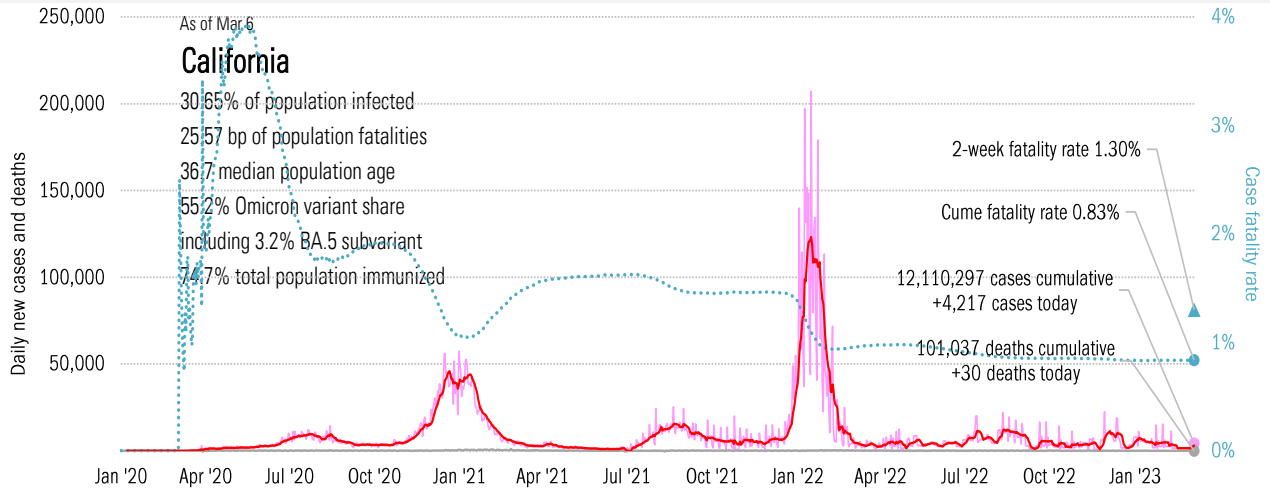
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

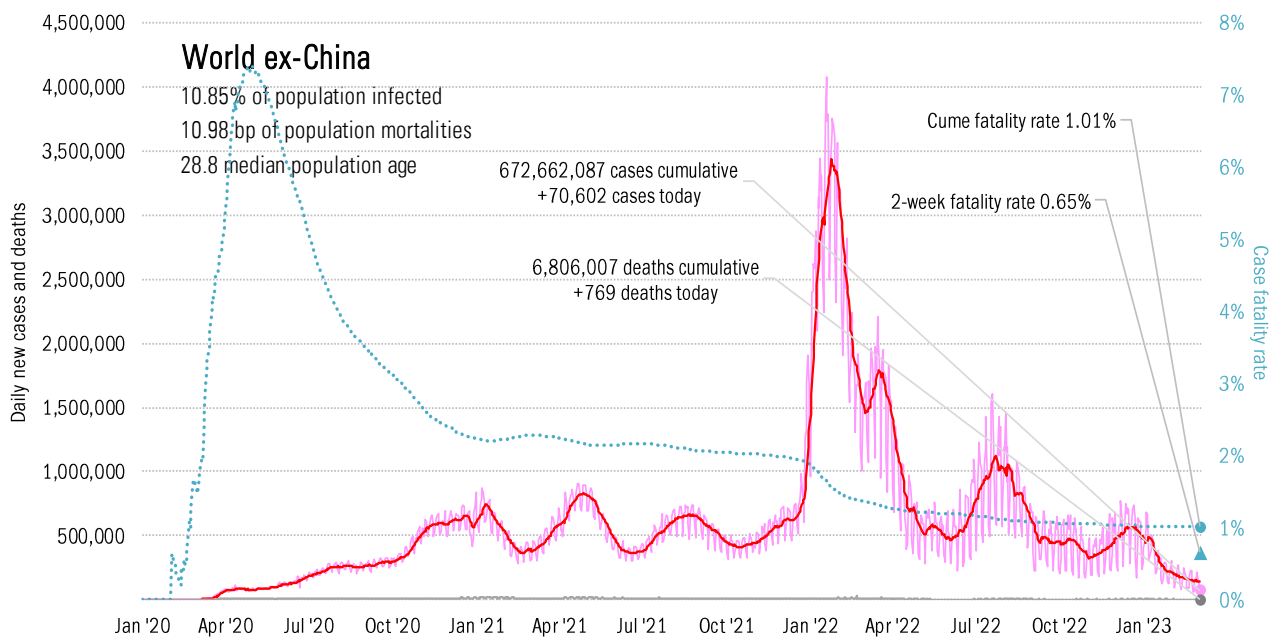
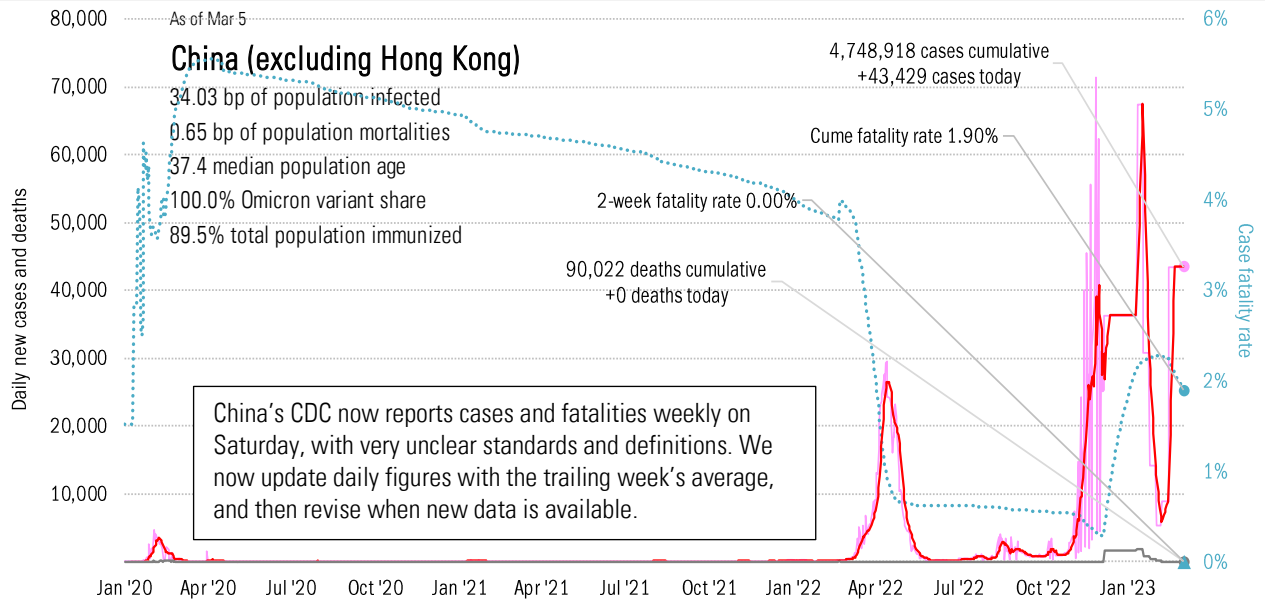
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

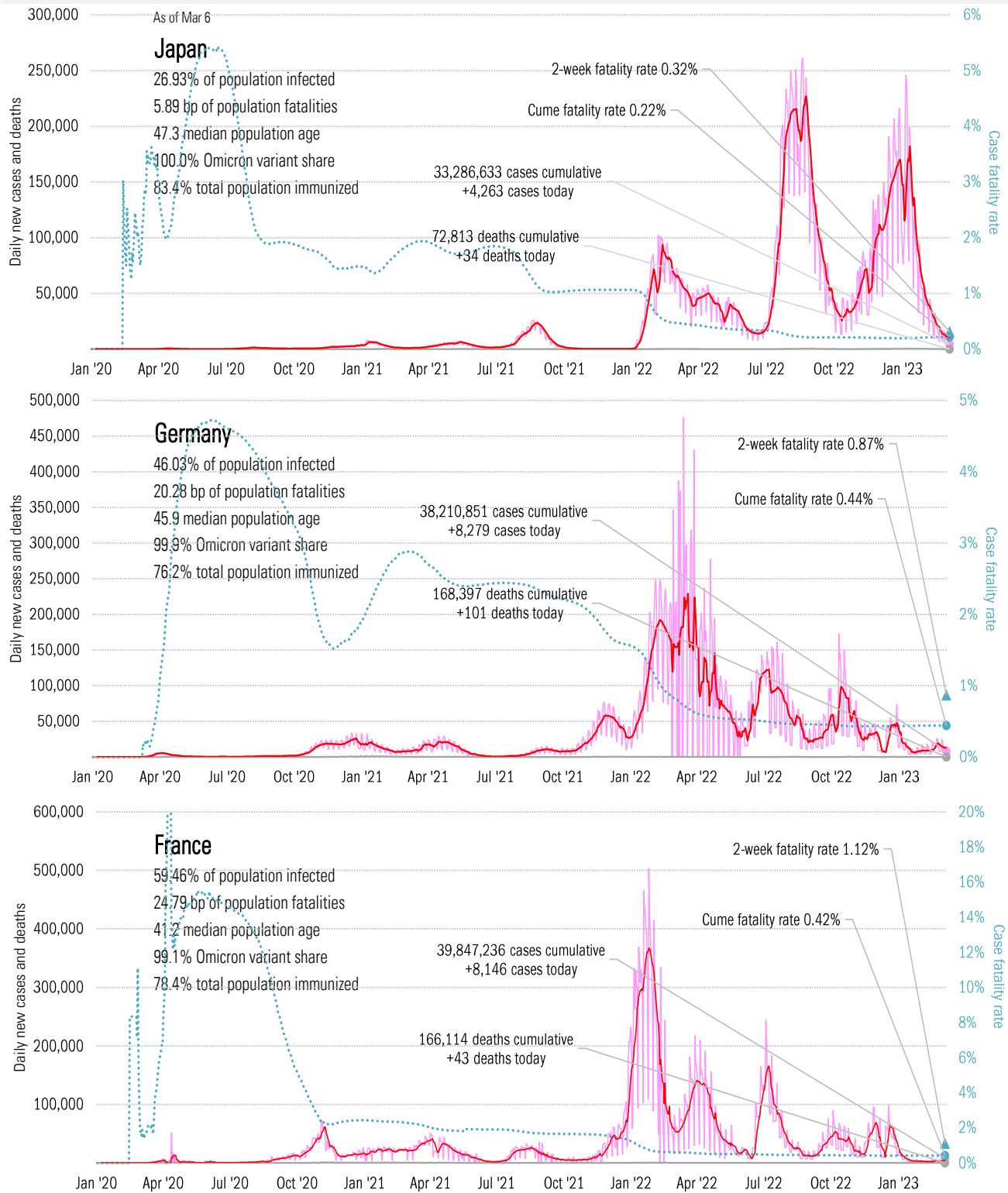
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

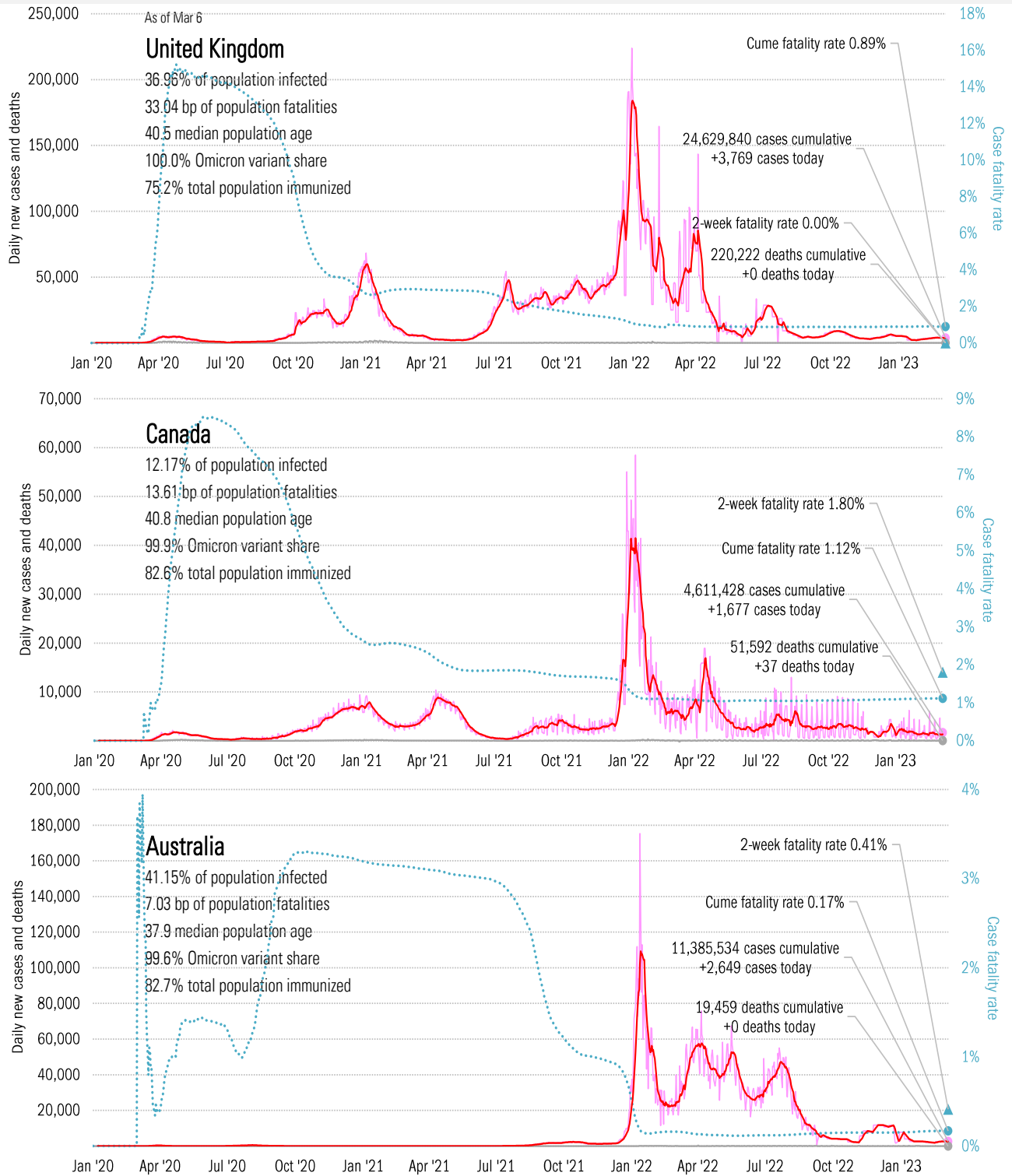
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

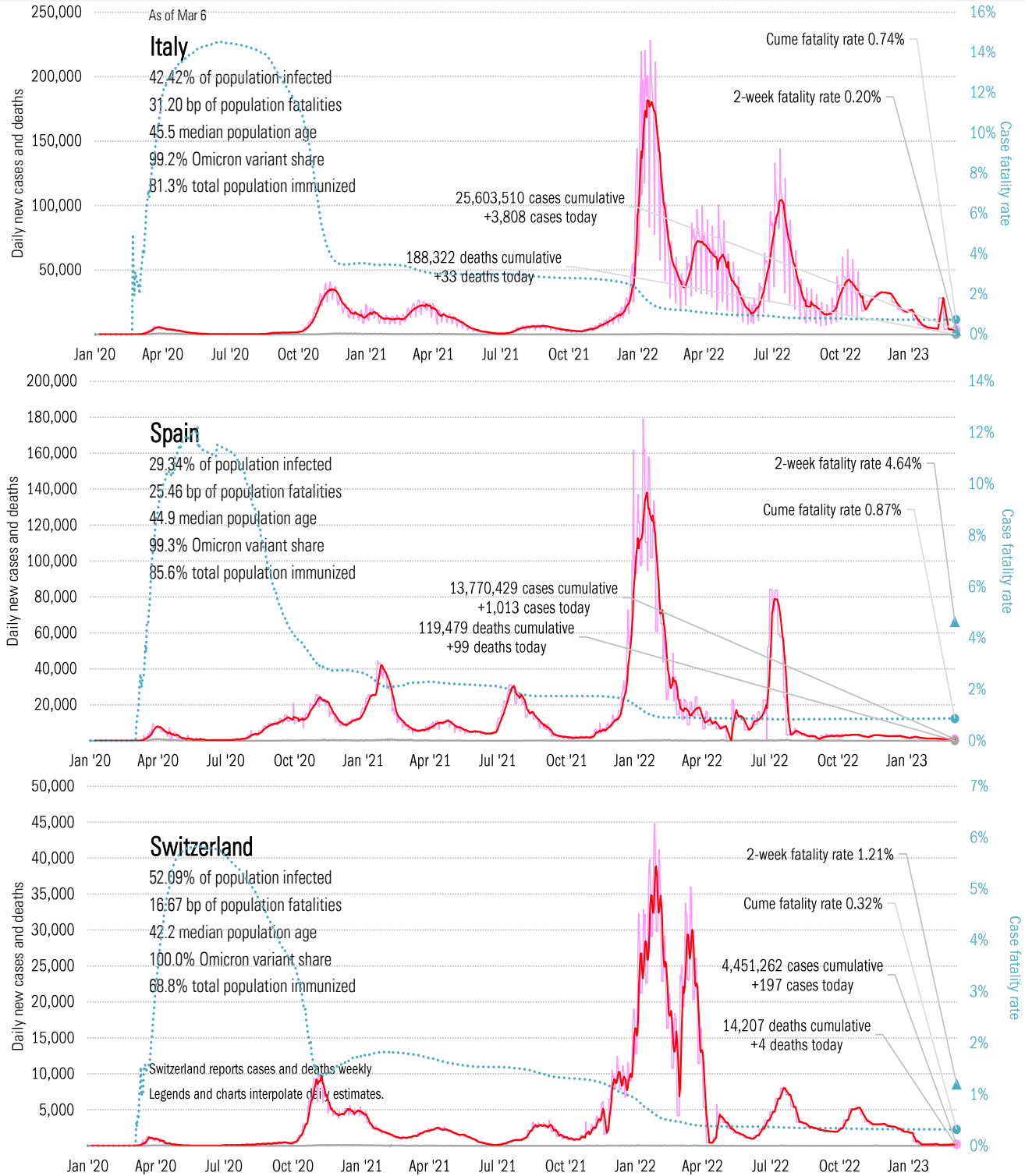
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

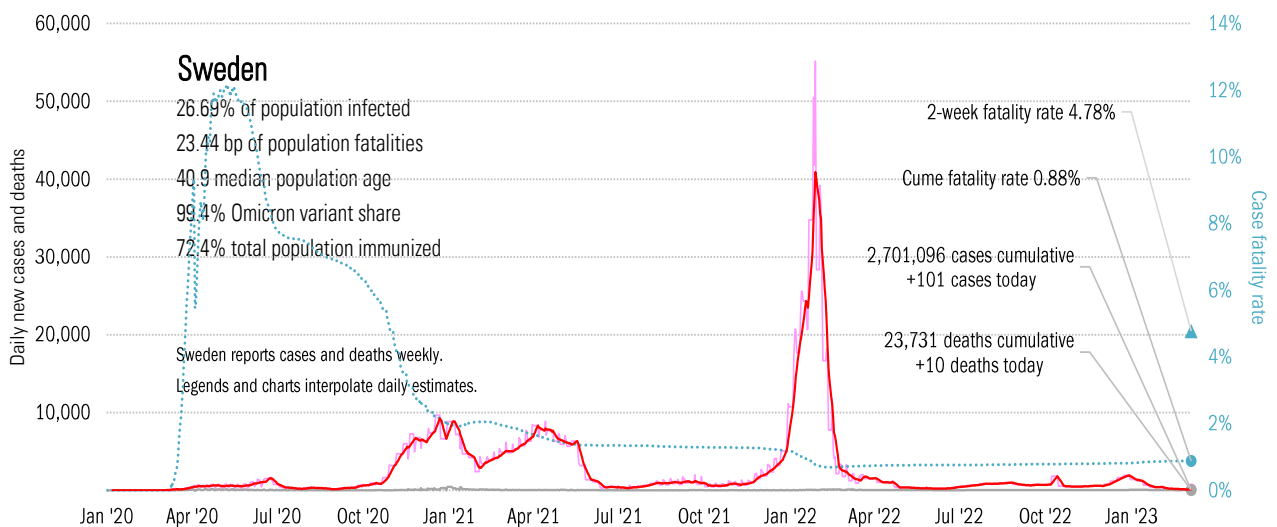
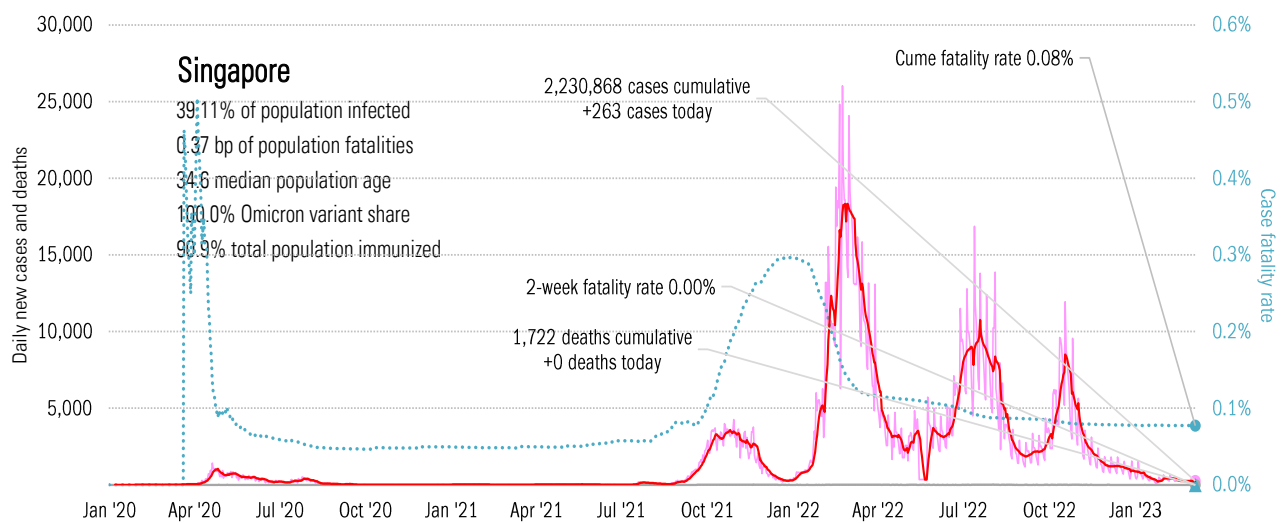
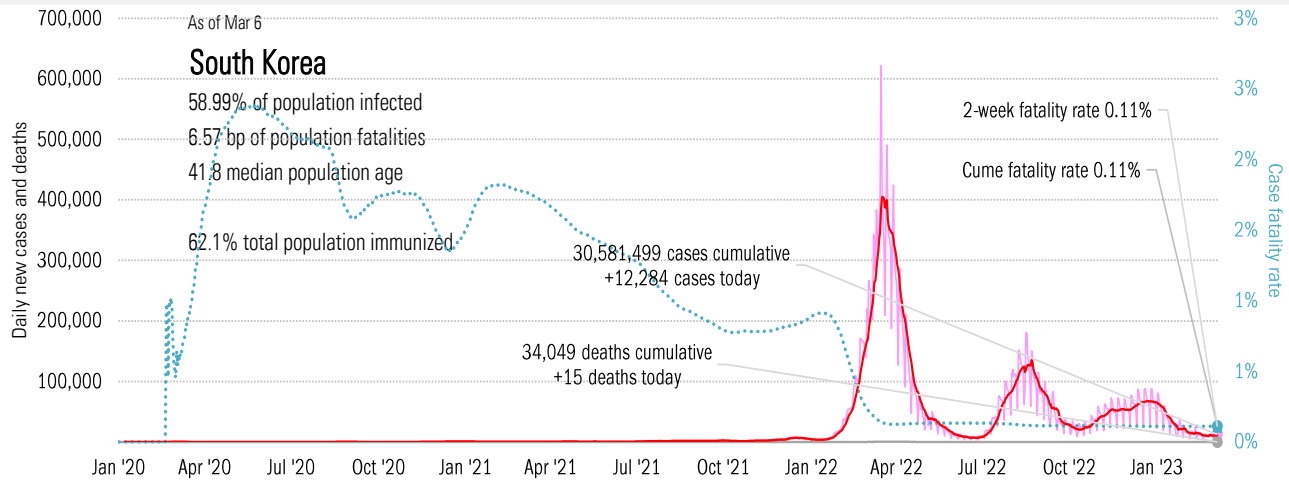
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

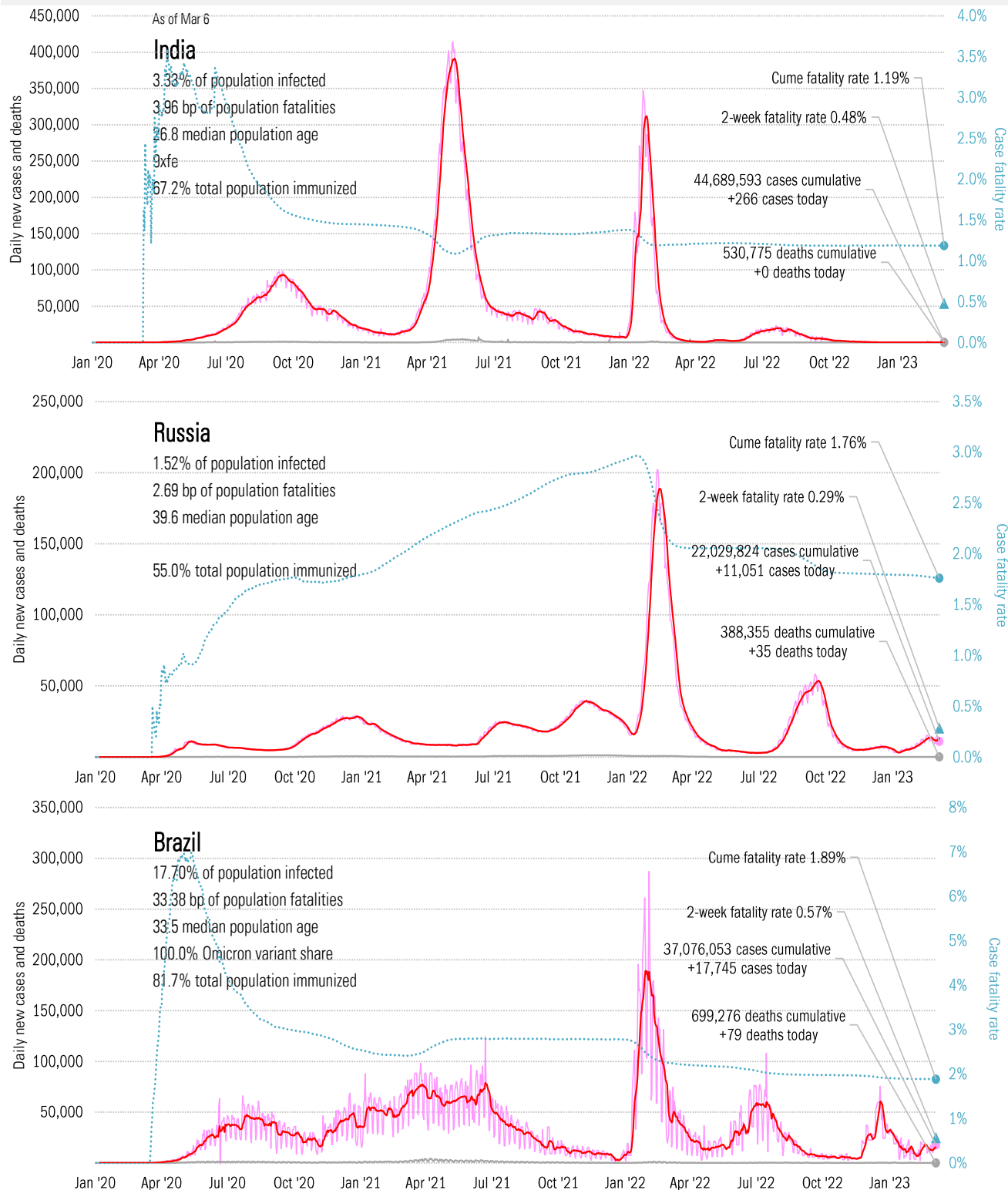
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

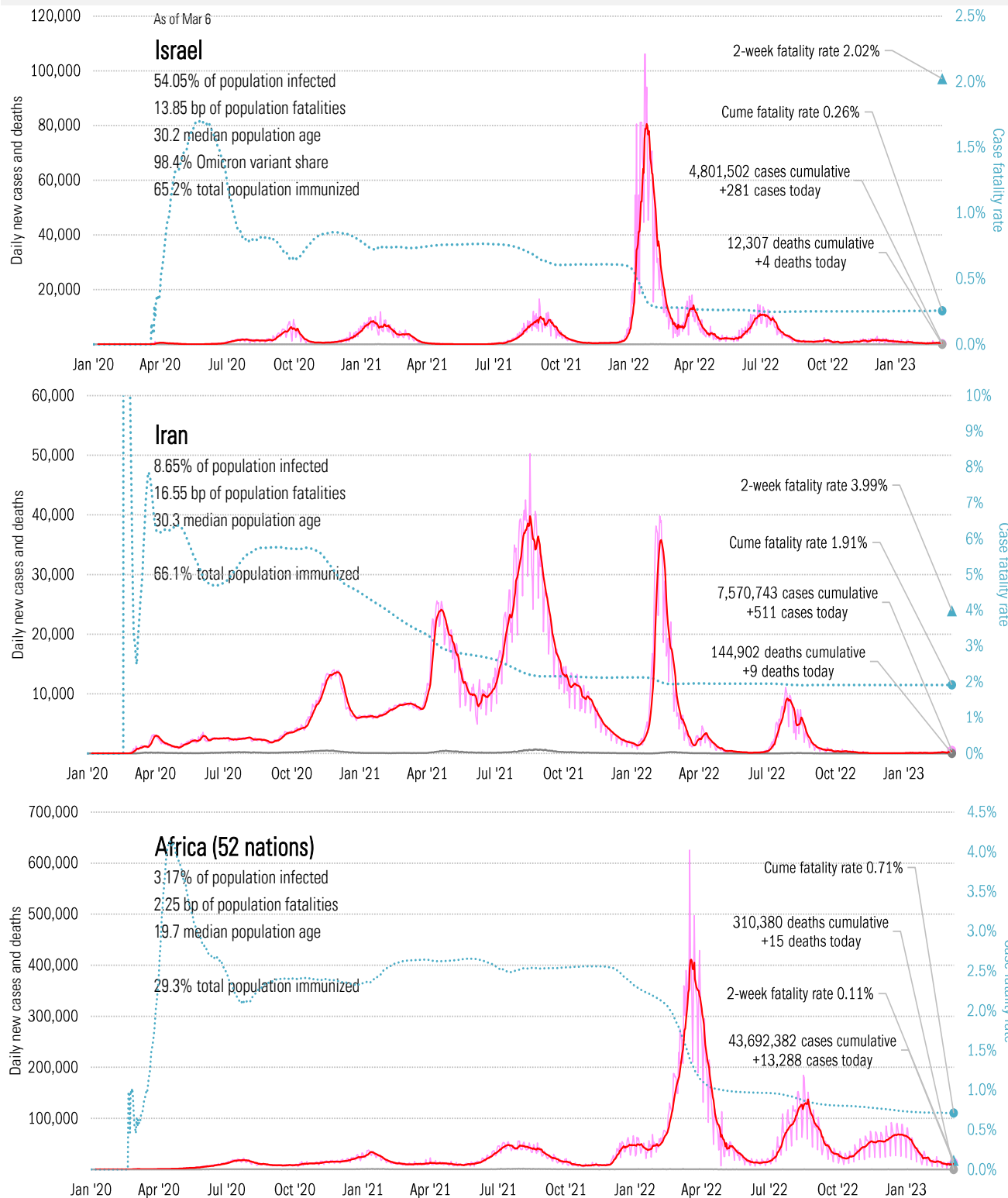
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

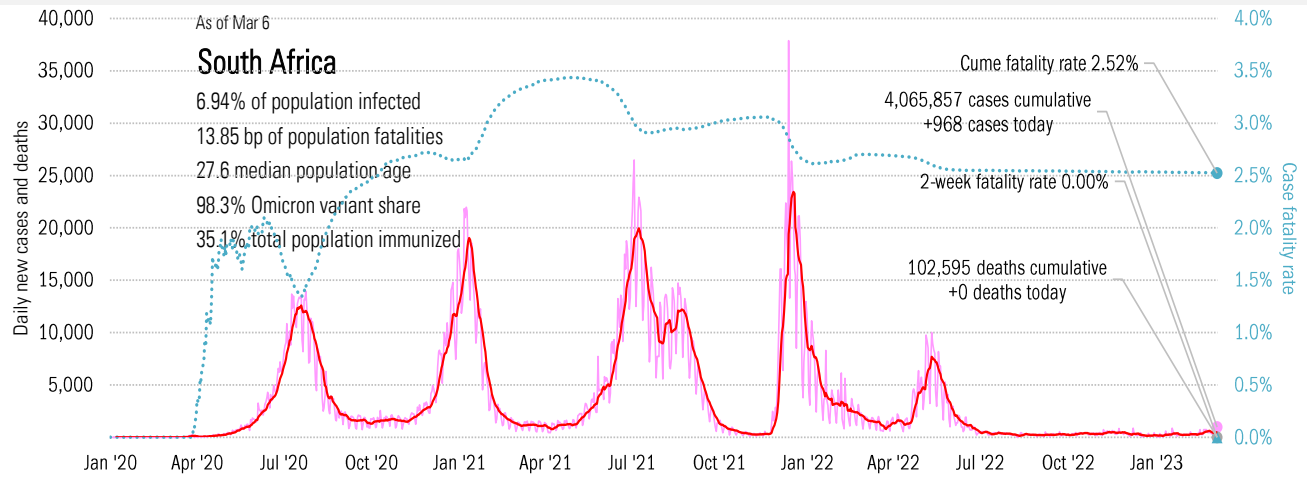
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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