

Data Insights: Covid-2019 Monitor

Friday, March 10, 2023

The global scorecard

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

The worst ten countries (see China note page 14)

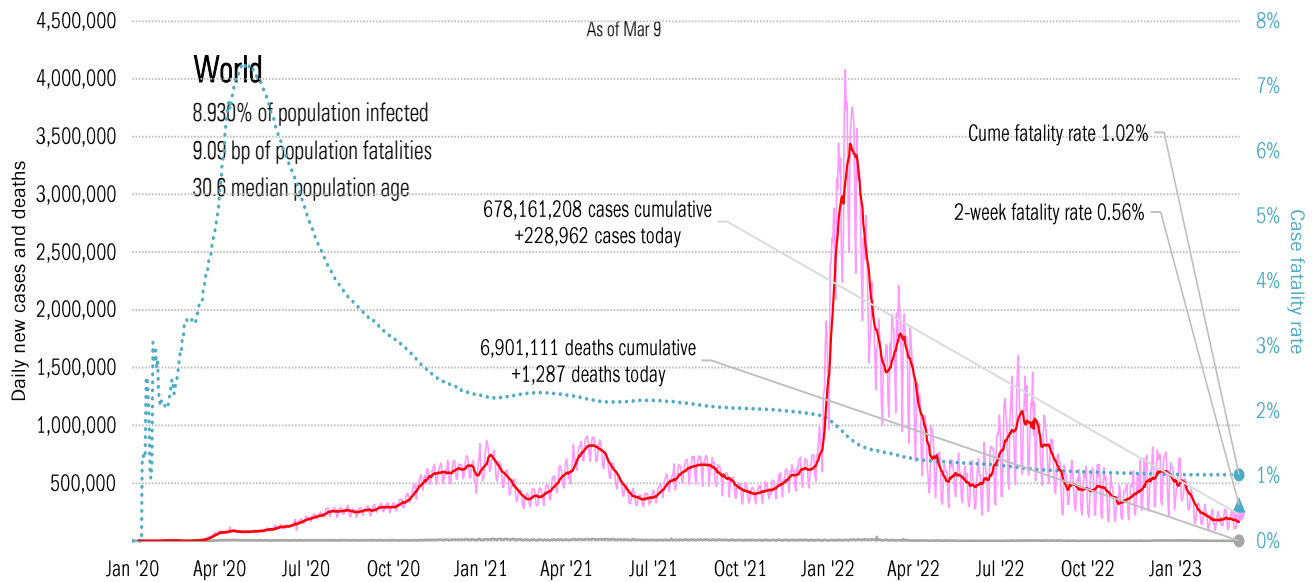
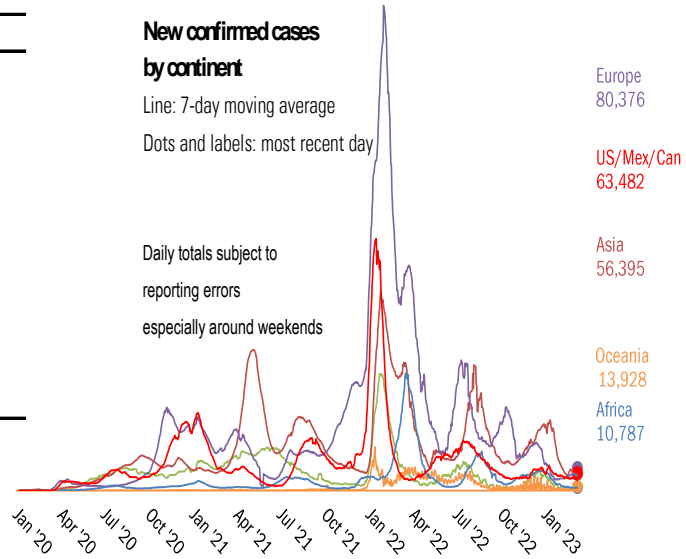
New cases		New Deaths	
China	43,429	United States	610
United States	31,403	Germany	127
Brazil	17,745	Spain	99
Russia	12,385	Canada	86
Belgium	11,570	Japan	80
Korea, South	10,335	Brazil	79
Japan	9,834	Belgium	39
Germany	7,829	Russia	38
France	6,308	Italy	33
Austria	5,283	Finland	31

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

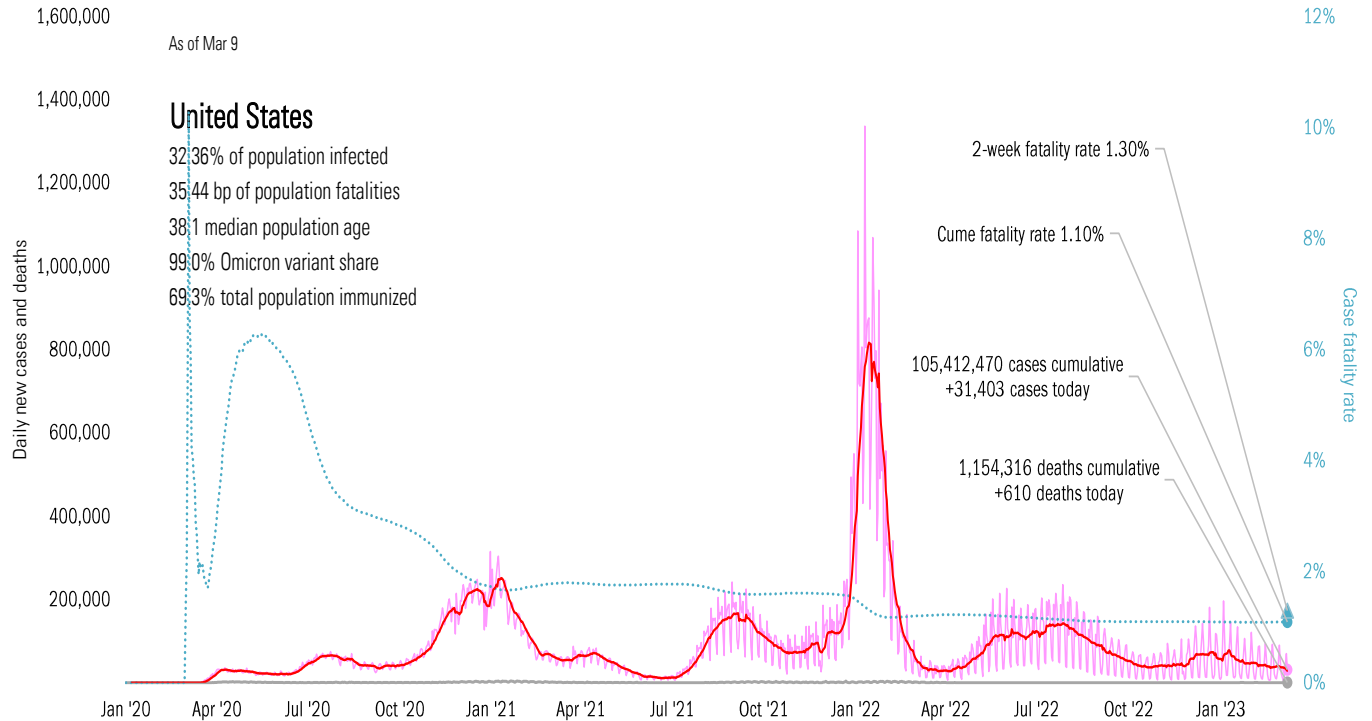
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
FL	8,241		MA	84		NC	123		CA	12,129,699		CA	101,159		TX	589,615		MA	87%	AL	88%
WV	1,706		FL	56		FL	233		TX	8,466,220		TX	93,390		CA	569,113		DC	86%	TX	85%
NY	1,368		CH	47		MA	105		FL	7,574,590		FL	86,850		FL	533,587		DE	85%	WV	85%
IL	1,290		CA	29		NY	204		NY	6,794,738		NY	77,157		NY	355,154		RI	85%	DC	84%
CA	1,248		CT	24		CA	439		IL	4,083,292		PA	50,398		CH	244,637		WV	85%	NC	83%
CH	1,190		WV	22		UT	26		PA	3,527,854		GA	42,489		GA	242,582		MN	85%	MA	82%
MI	986		PA	17		AR	26		NC	3,472,644		MI	42,205		PA	231,031		CT	83%	AK	81%
PA	982		MI	16		AL	49		CH	3,400,652		CH	41,796		IL	214,185		AK	83%	CK	81%
TN	855		WI	11		MO	63		GA	3,068,208		IL	41,496		MI	180,937		WA	82%	AR	81%
CO	827		SC	10		TN	66		MI	3,064,125		NJ	36,015		NJ	163,467		MO	82%	RI	81%
18,693			315			1,334			55,582,022			612,955			3,324,308						
All states	31,403		610			2,985			All states	105,412,470		1,154,316			6,022,328			All states	70%	67%	
Top ten	60%		52%			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	-1,224	FL	-24	TX	-51
AR	-25	NY	-12	CA	-50
CT	-21	TX	-6	IL	-49
AK	0	IN	-3	IN	-42
AL	0	MS	-3	CO	-34

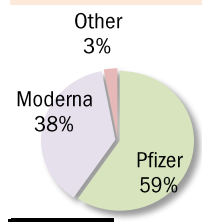


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	689,356,484		+0.069 million		US	69.3%	81.2%	
			Of which boosters: +0.047 million		UK	75.2%	79.7%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%	80.6%
Total population	278,100,268	83%	236,991,053	71%	+0.010 million	Spain	85.6%	86.9%
Age 12 to 17	18,496,868	73%	15,826,463	63%	+0.001 million	Germany	76.2%	77.8%
Age 18 to 64	184,859,810	91%	157,051,158	77%	+0.005 million	Italy	81.3%	86.2%
Age 65 and over	61,124,572	100%	53,537,255	98%	+0.001 million	Australia	82.7%	85.0%
						Israel	65.2%	71.2%
						Canada	82.6%	90.4%
						Japan	83.4%	84.5%
						Africa	29.3%	35.4%
						India	67.2%	72.5%
						Brazil	81.7%	88.0%
						China	89.5%	91.9%



State

At least partial immunity as % population

Full immunity as % population

Best

Middle

Worst

AK

73.1%

65.2%

WI

75.2%

68.2%

ME

95.0%

83.4%

As of Mar 10

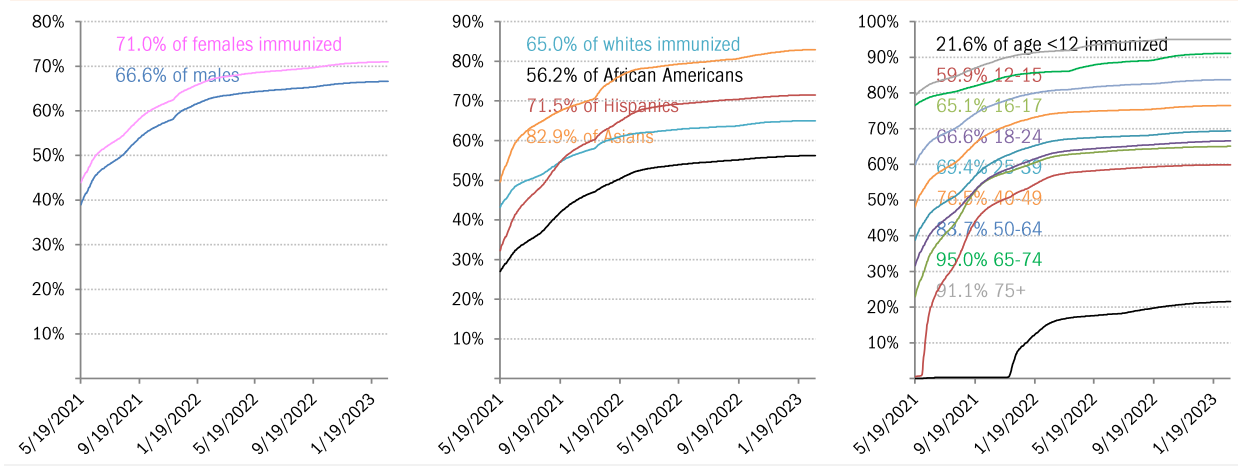
WA 85.3% 76.1%	ID 64.0% 56.5%	MT 68.3% 59.2%	ND 69.4% 58.7%	MN 78.9% 72.2%	IL 79.1% 71.4%	MI 69.5% 62.3%	NY 94.5% 80.9%	VT 95.0% 85.8%	NH 88.3% 72.0%	
OR 81.7% 72.5%	NV 77.7% 63.7%	WY 61.0% 53.0%	SD 84.0% 66.3%	IA 70.7% 64.4%	IN 64.5% 57.8%	OH 65.8% 60.5%	PA 90.7% 73.5%	NJ 94.7% 79.2%	MA 95.0% 84.3%	
CA 84.8% 74.8%	UT 75.4% 66.8%	CO 83.8% 73.6%	NE 73.5% 66.3%	MO 69.4% 59.1%	KY 68.9% 59.6%	WV 67.5% 59.7%	VA 91.1% 76.6%	MD 91.8% 79.8%	CT 95.0% 83.1%	RI 95.0% 87.8%
	AZ 78.0% 66.1%	NM 94.5% 75.3%	KS 76.3% 65.4%	AR 69.9% 56.9%	TN 64.5% 56.3%	NC 92.4% 67.2%	SC 71.1% 59.9%	DC 95.0% 90.6%	DE 88.3% 73.4%	
			OK 74.7% 60.5%	LA 62.8% 55.0%	MS 61.7% 53.7%	AL 65.0% 53.2%	GA 68.5% 57.3%			
			TX 76.5% 63.3%					FL 82.6% 69.5%	PR 90.9% 84.1%	

HI

91.5%

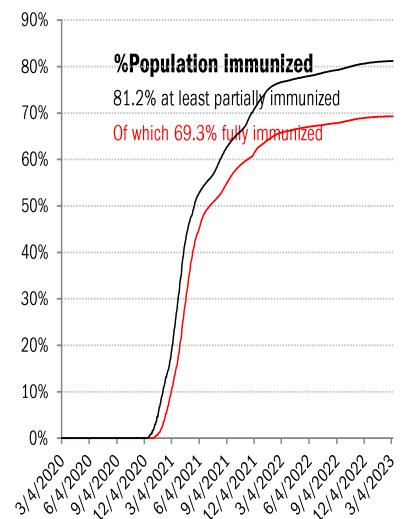
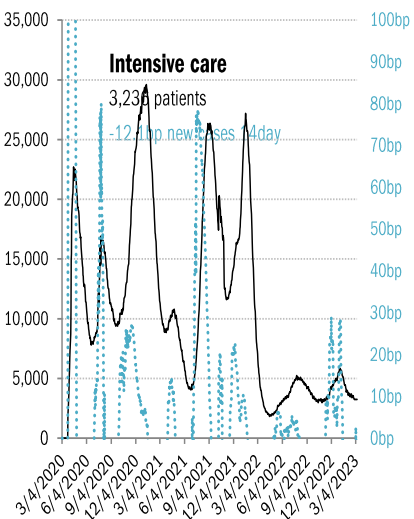
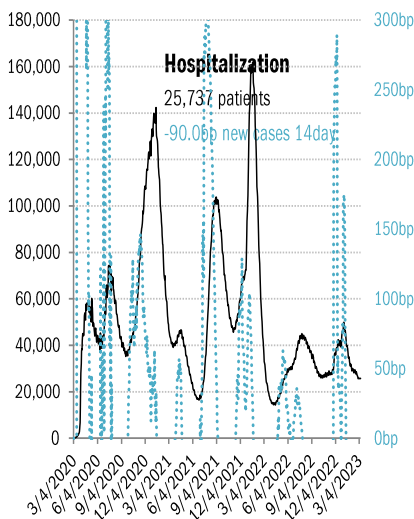
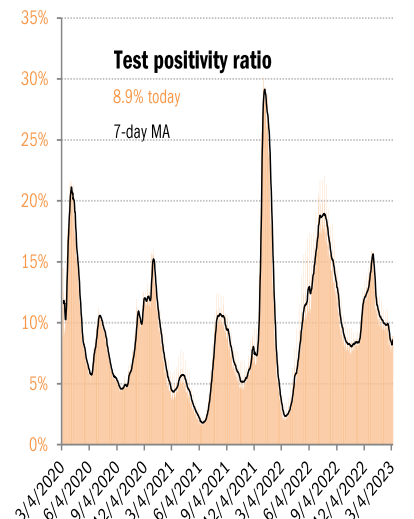
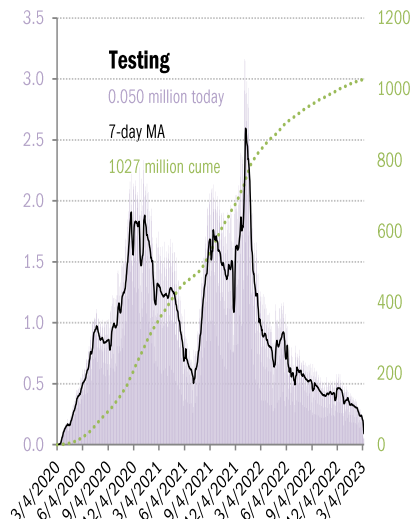
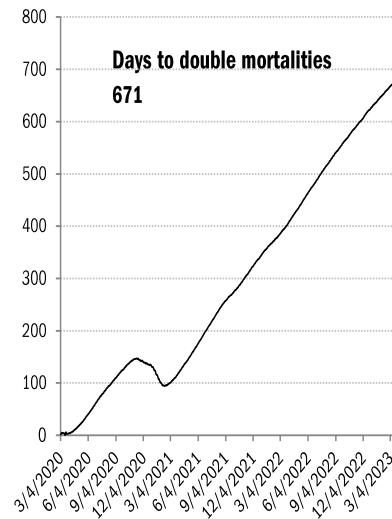
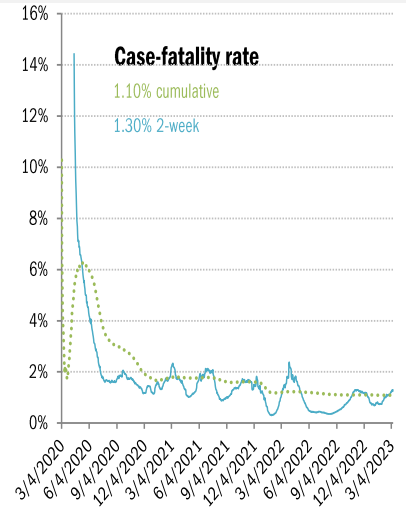
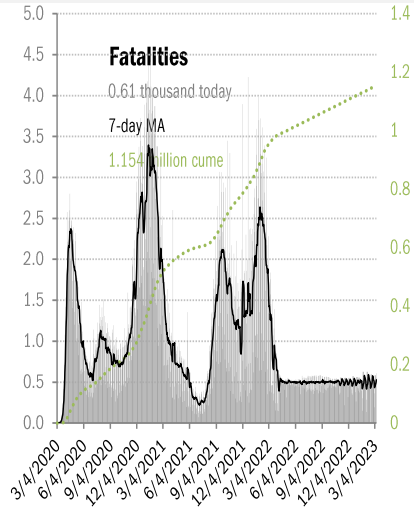
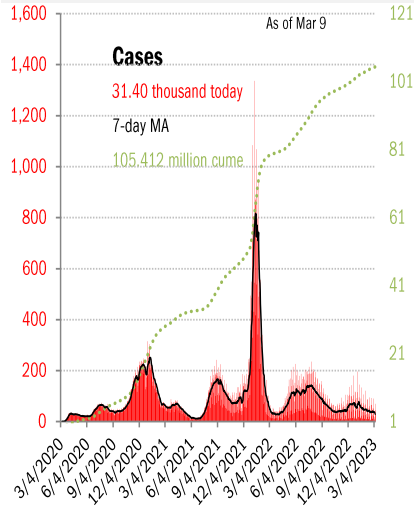
81.5%

The demographics of US vaccination

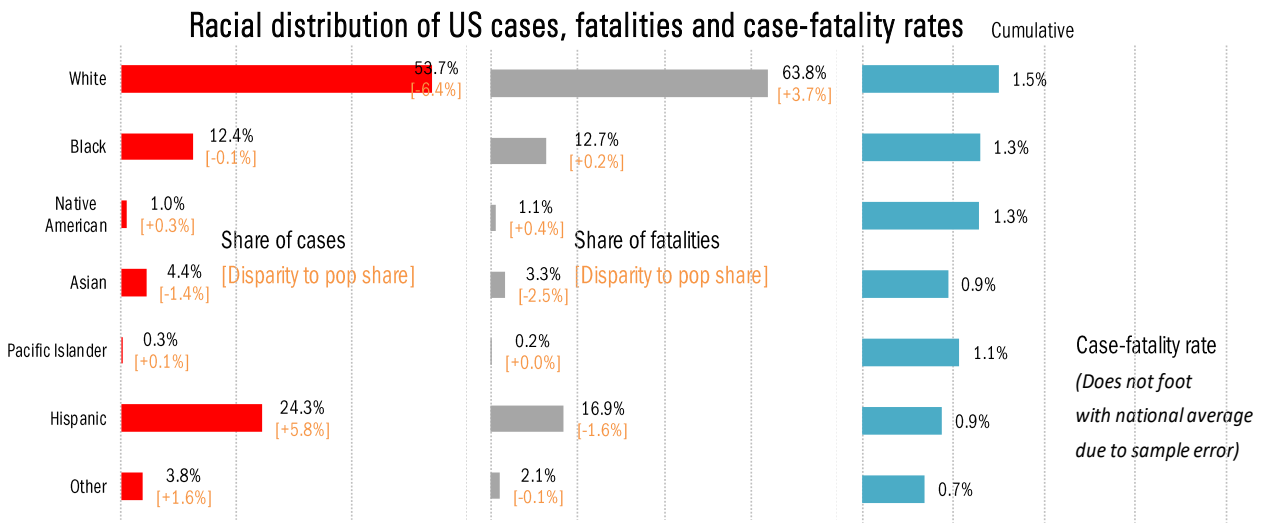
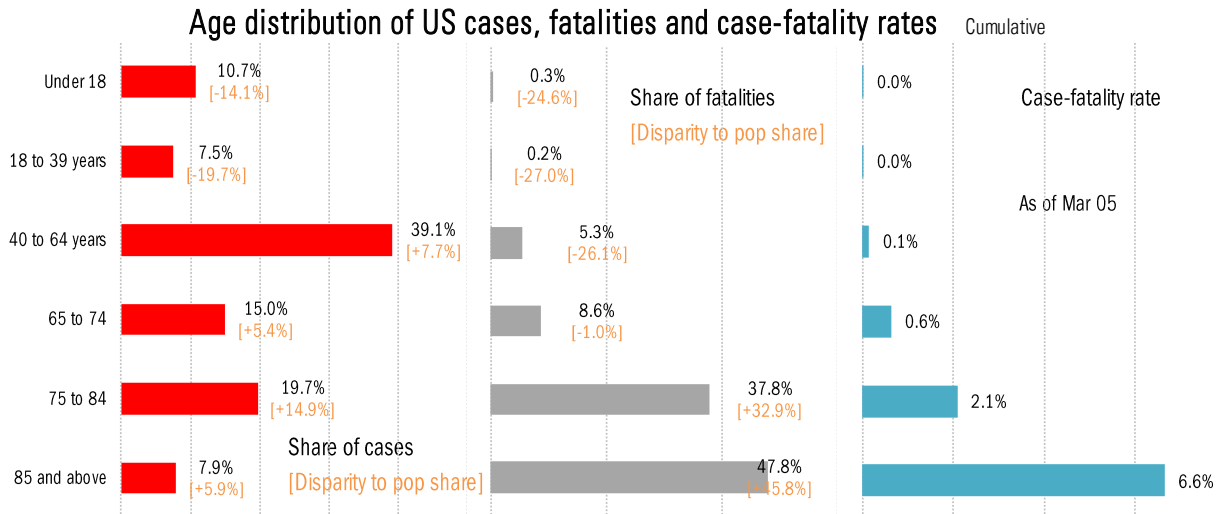


Source: CDC, CDC, Our World in Data, TrendMacro calculations

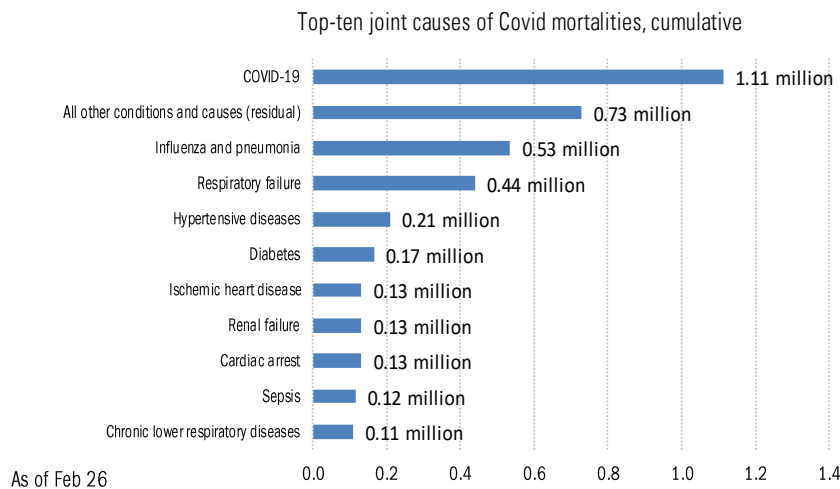
US deep-dive



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 reports human case of avian influenza A\(H5N1\) in Jiangsu](#)

Outbreak News Today

March 9, 2023

[China writes furious letter to Hawley on COVID origins bill: 'Political manipulation'](#)

Elizabeth Elkind

Fox News

March 9, 2023

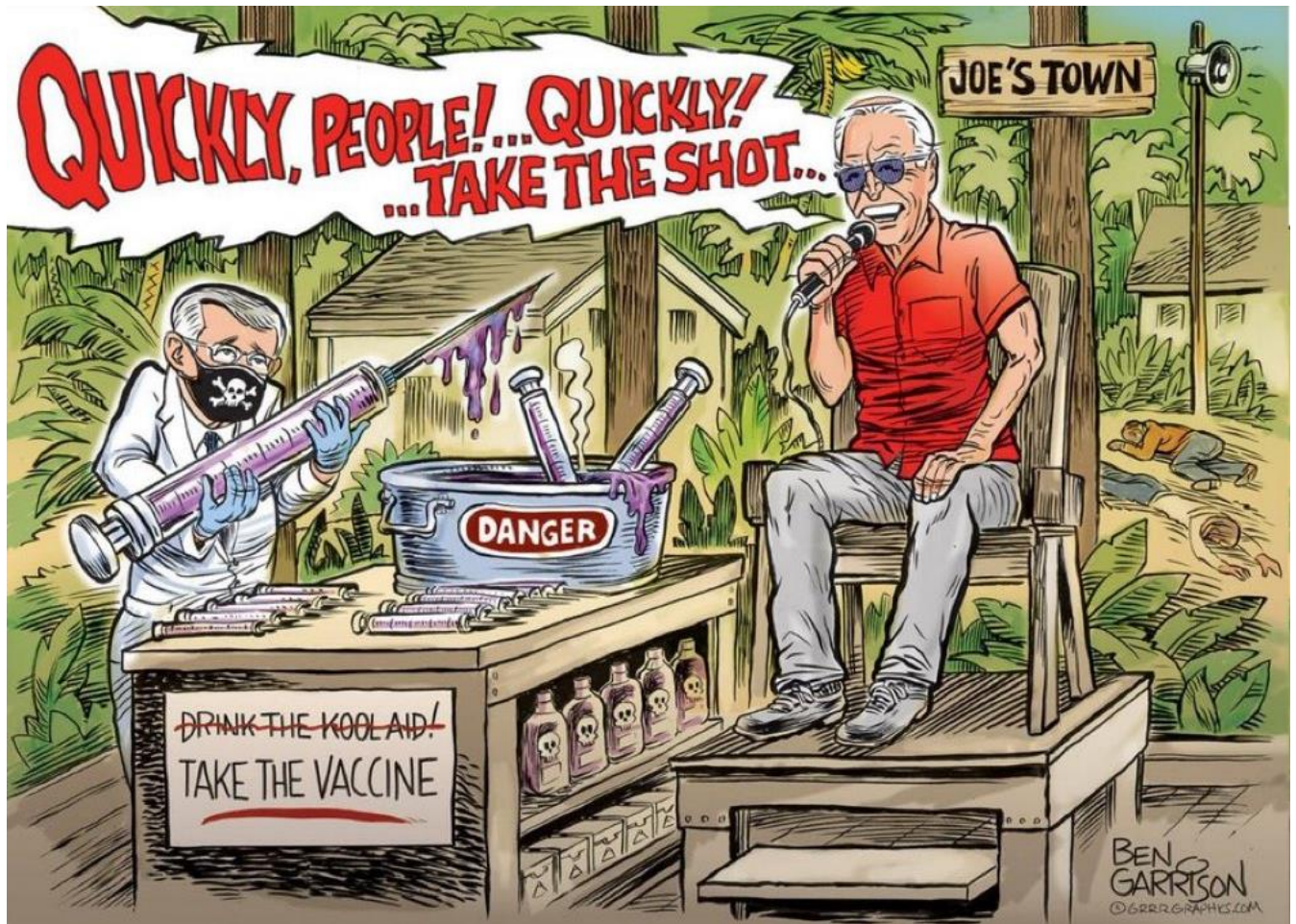
[The lockdown mob called me a killer – but the NHS backlogs they caused are killing thousands](#)

Karol Sikora

The Telegraph

March 9, 2023

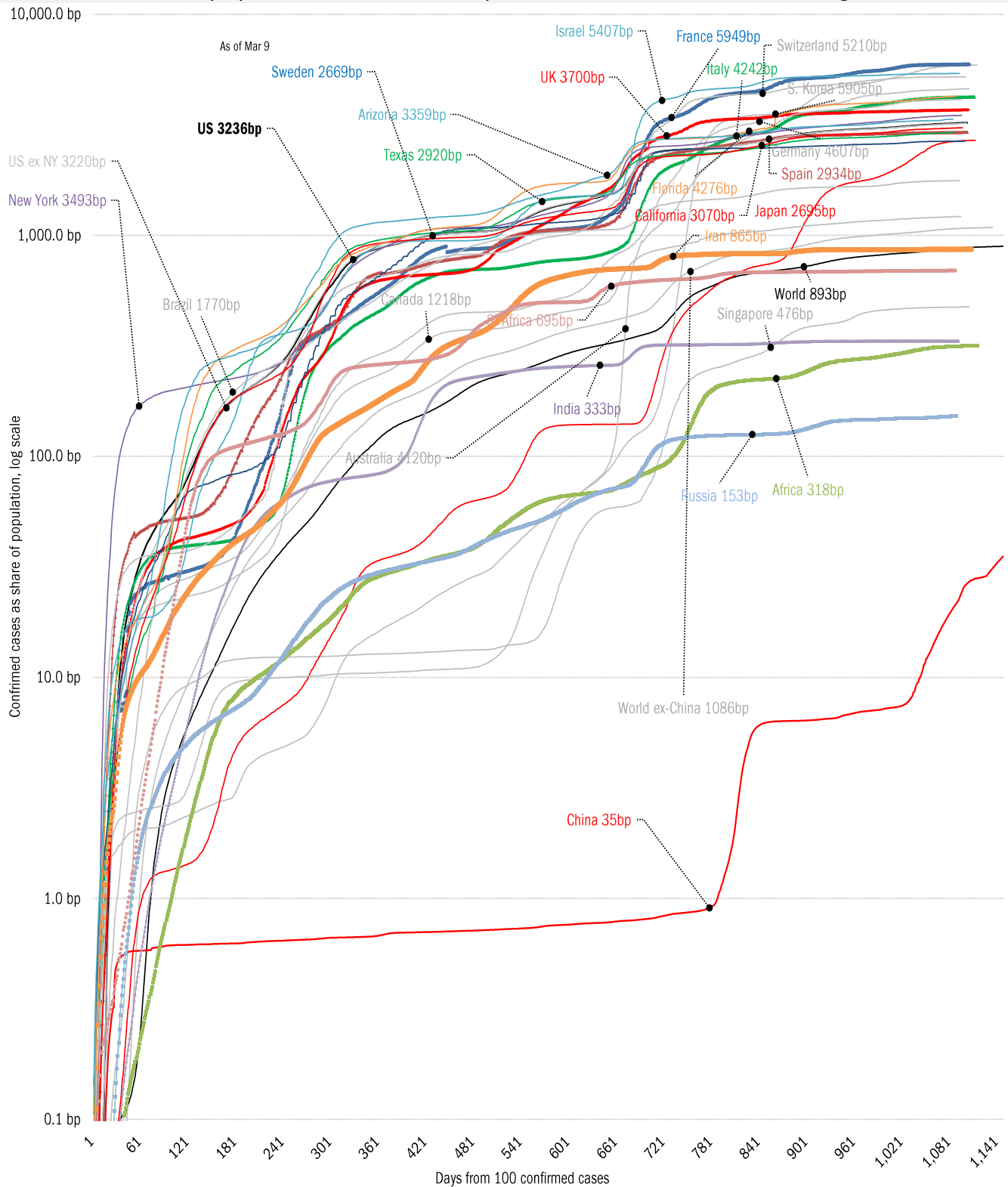
Meme of the Day



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

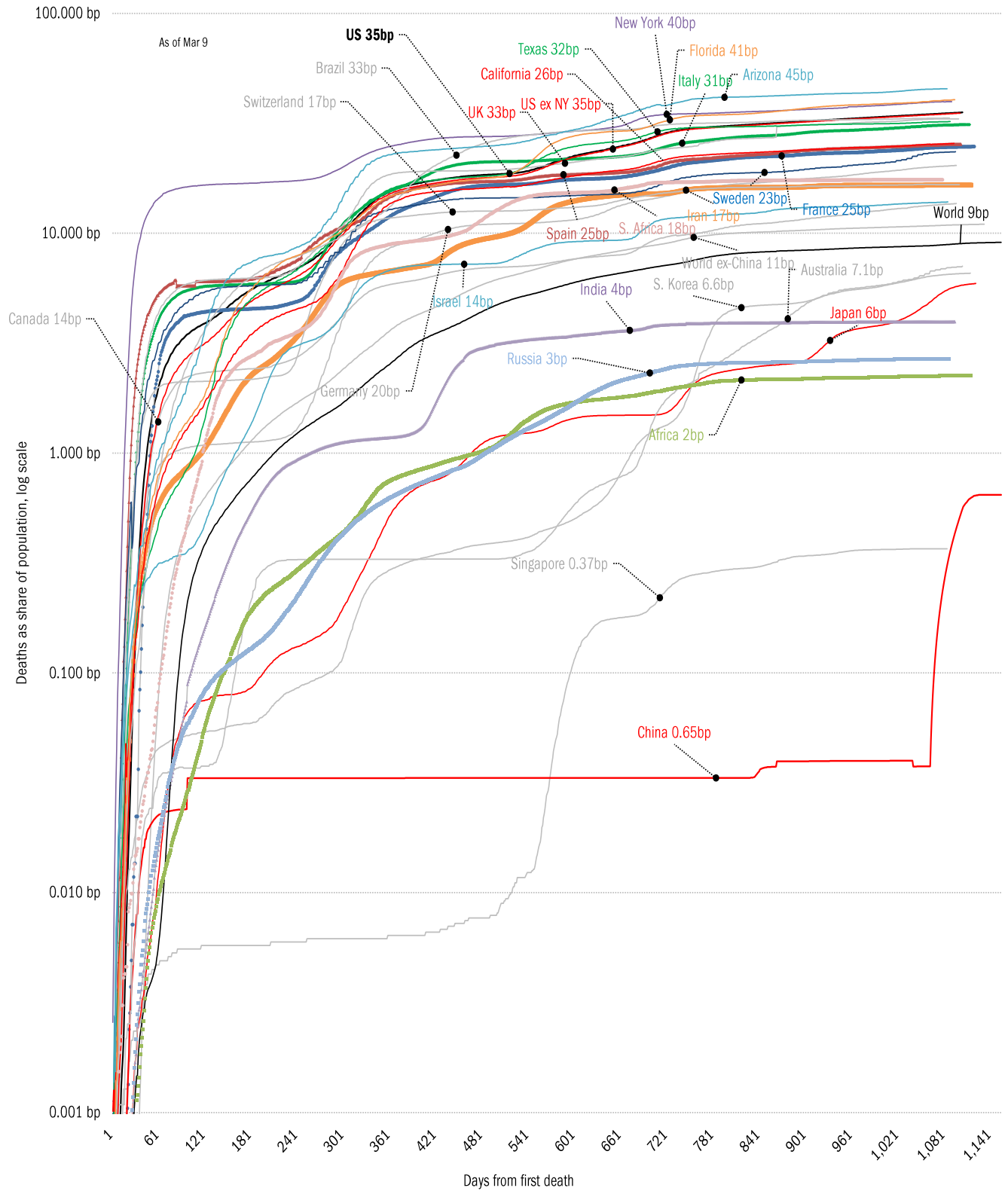
The global coronavirus case accelerometer... tracking the world's infection curves

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

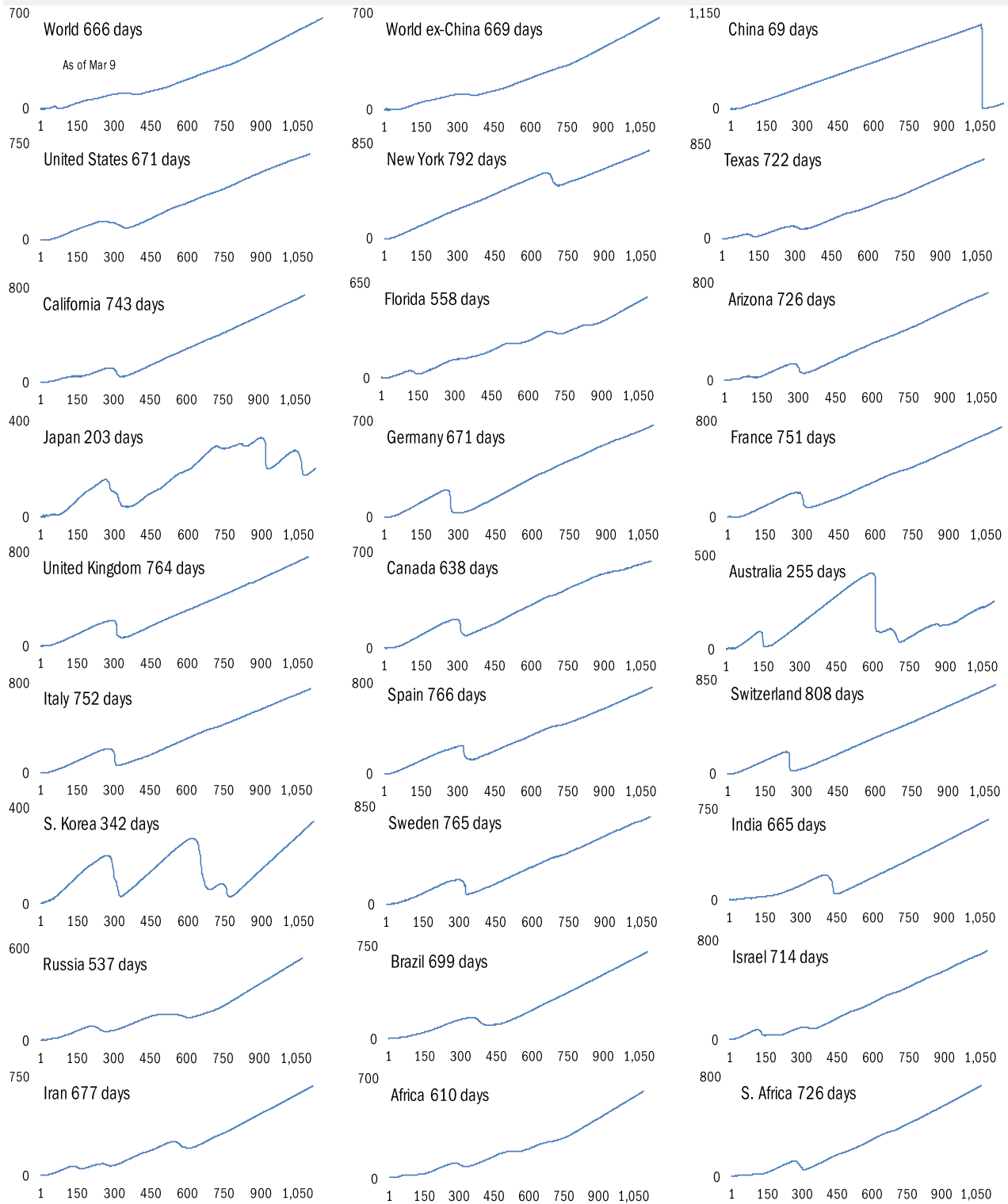


Source: [Johns Hopkins](#), TrendMacro calculations

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

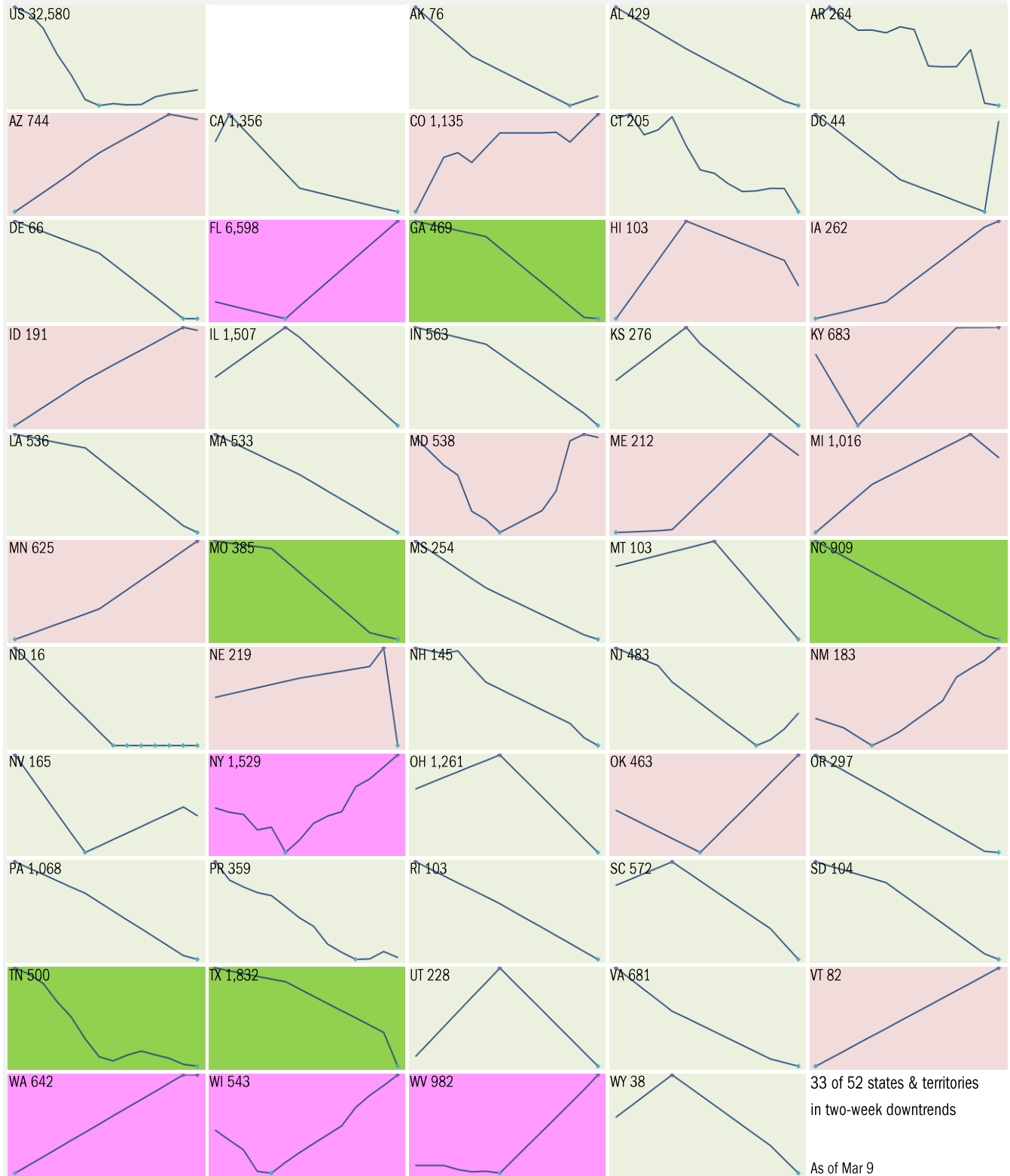


Source: [Johns Hopkins](#), TrendMacro calculations

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

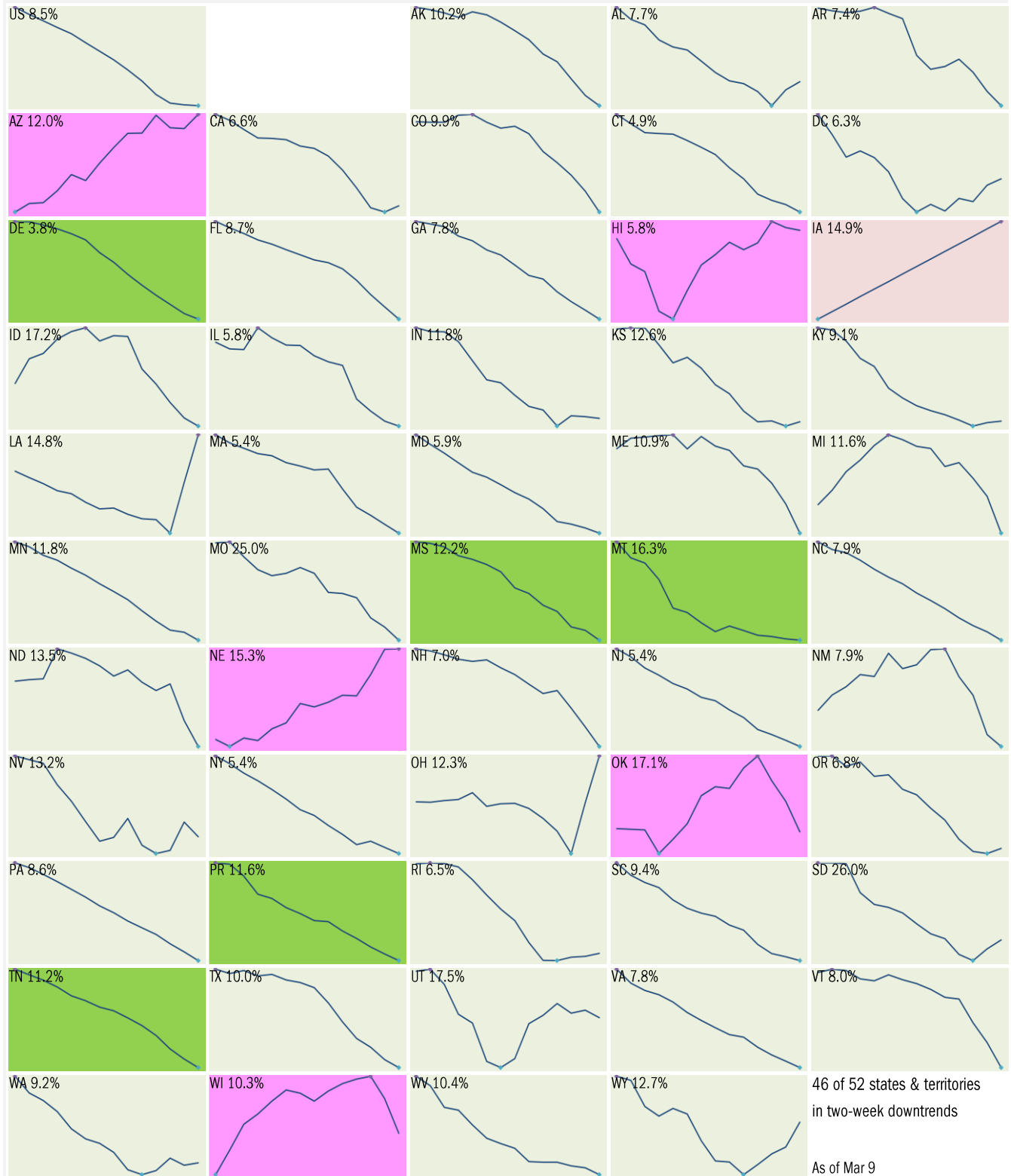


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

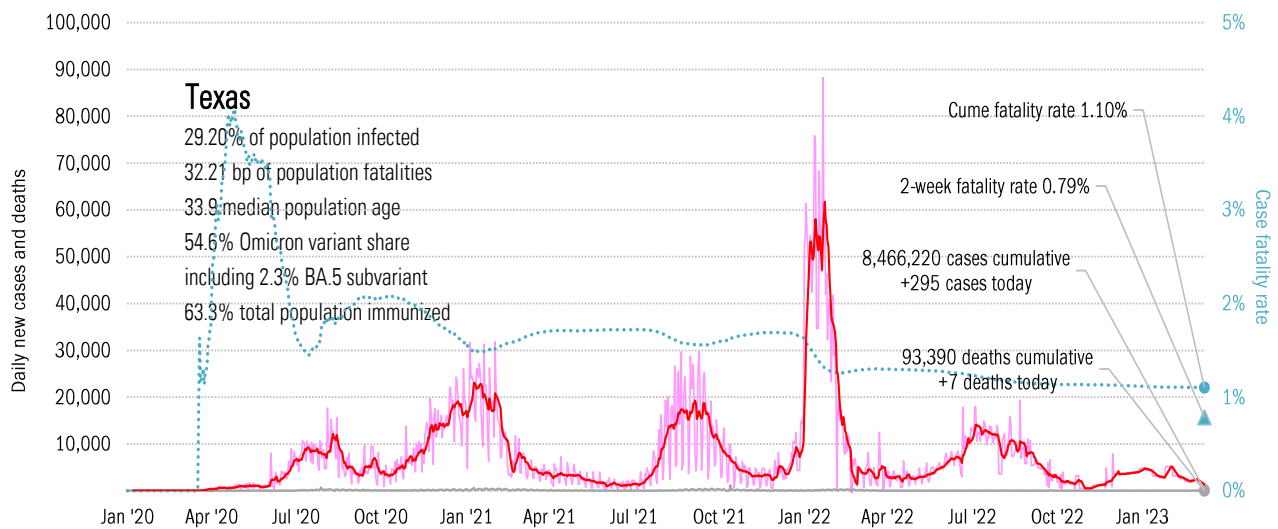
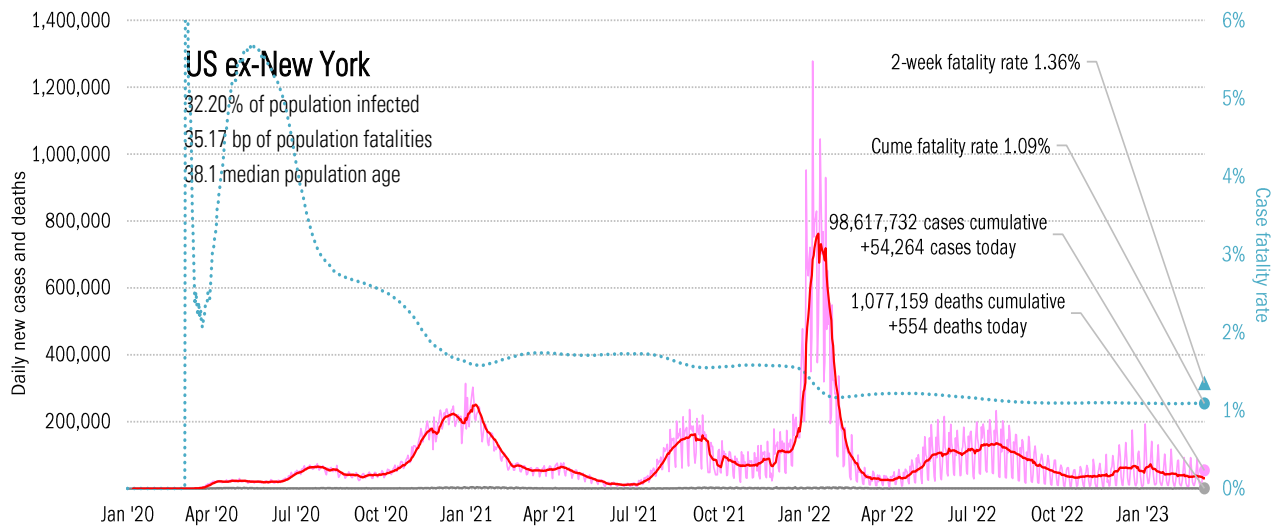
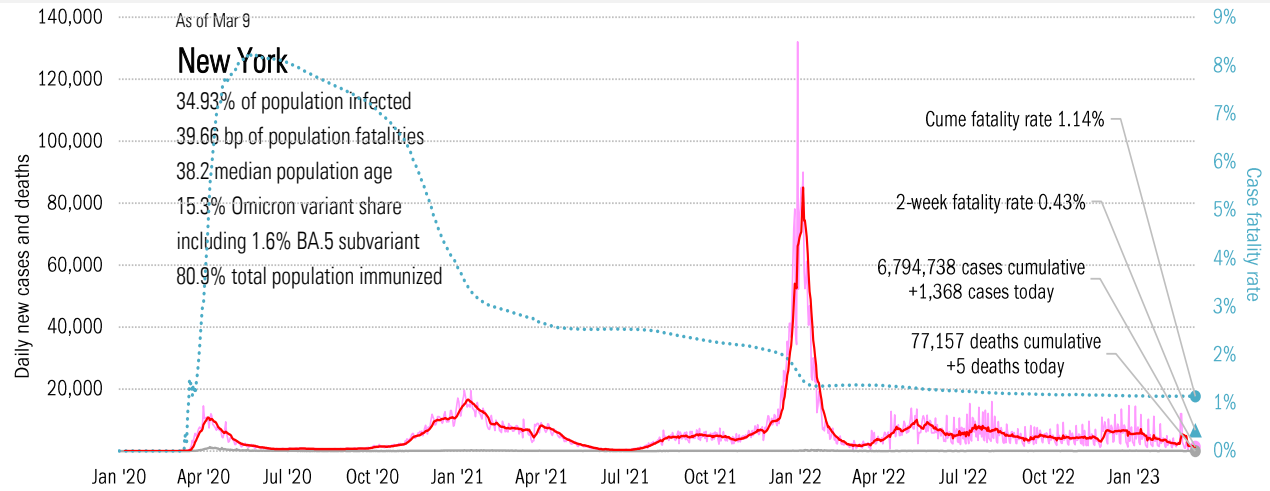
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

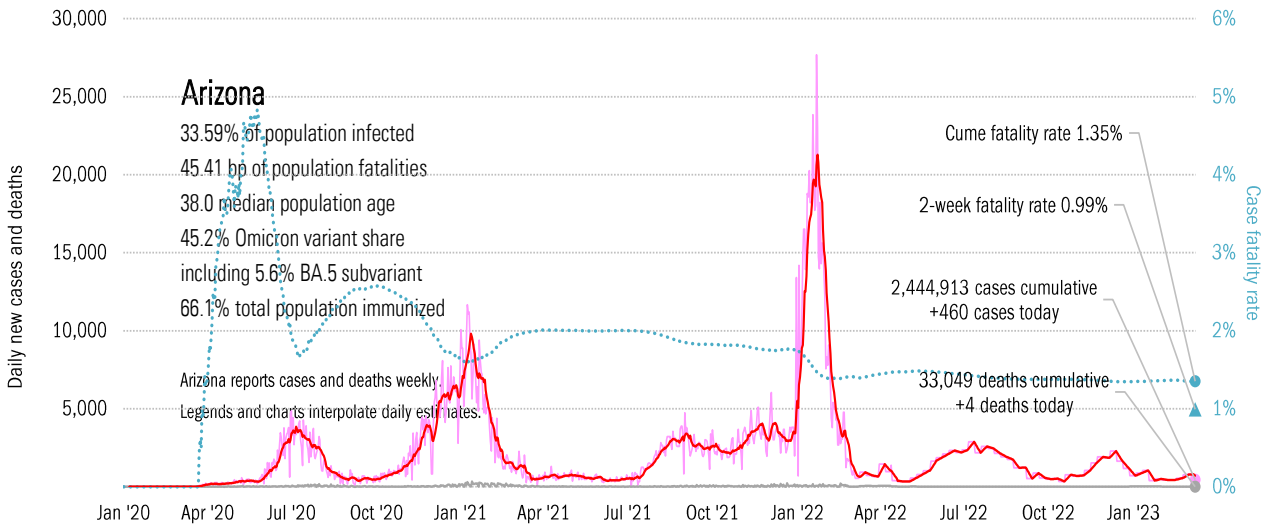
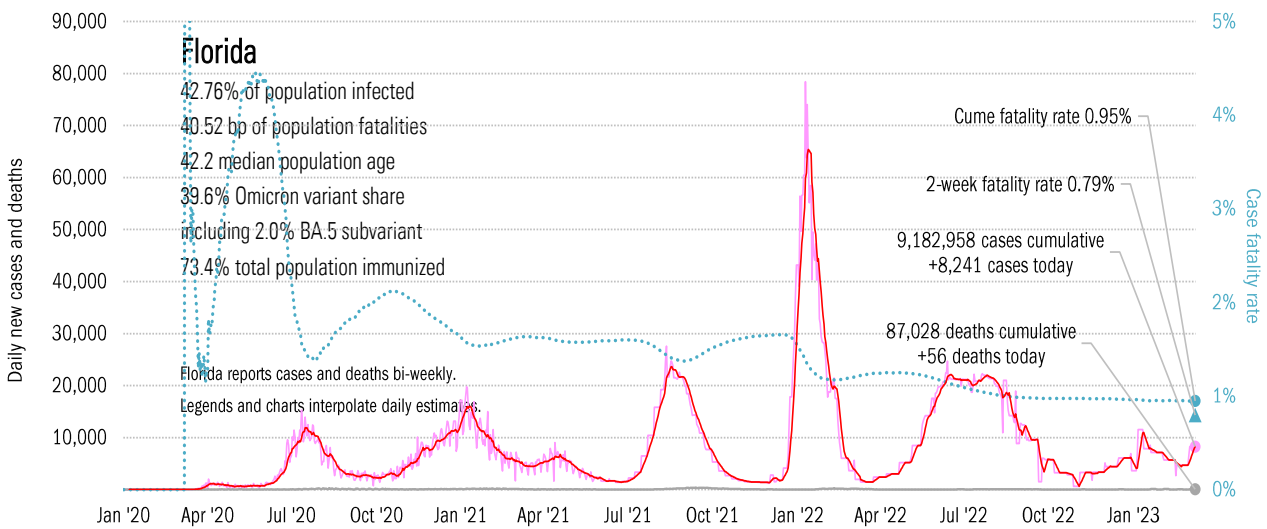
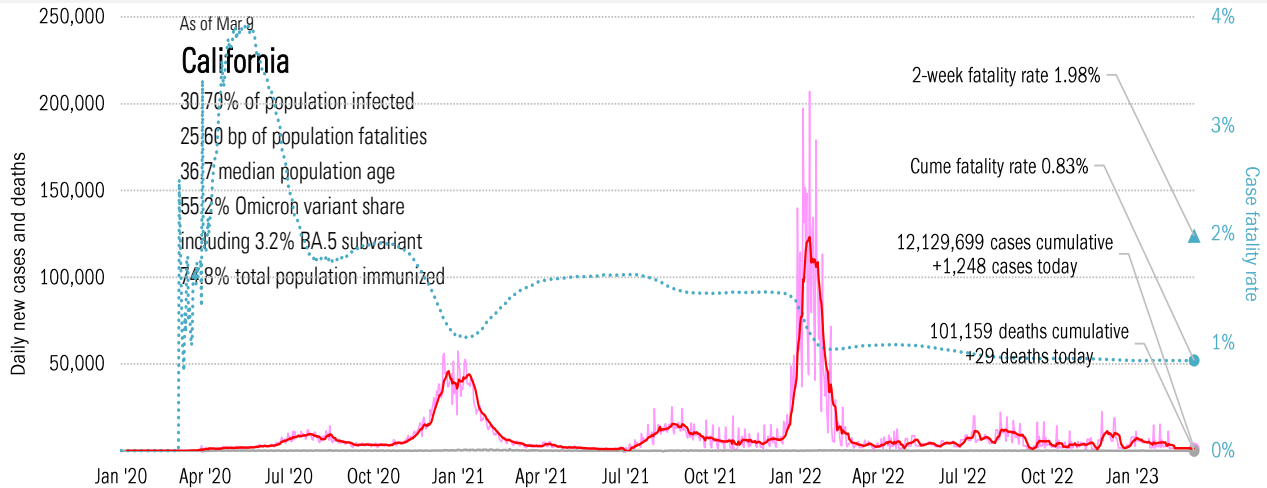
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

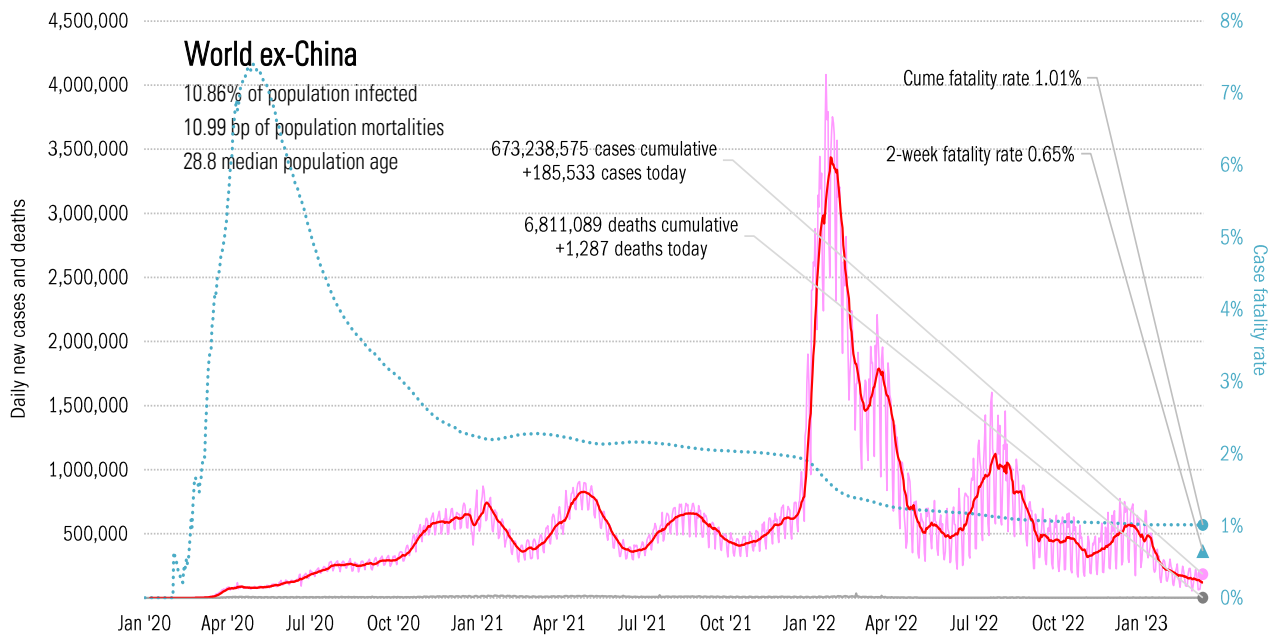
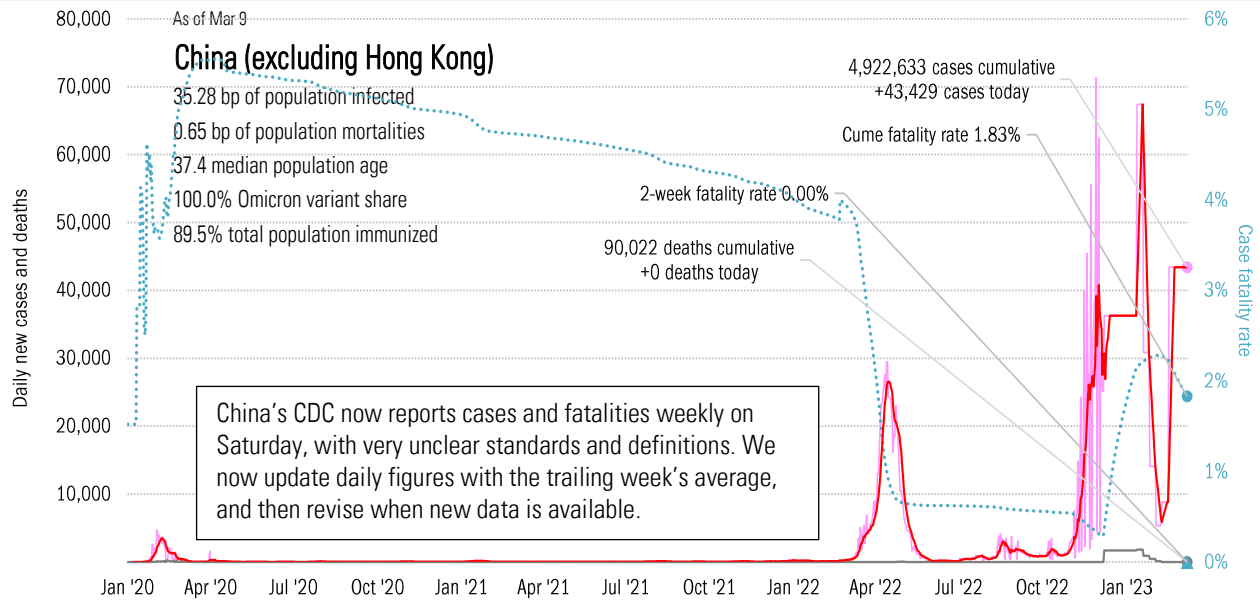
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

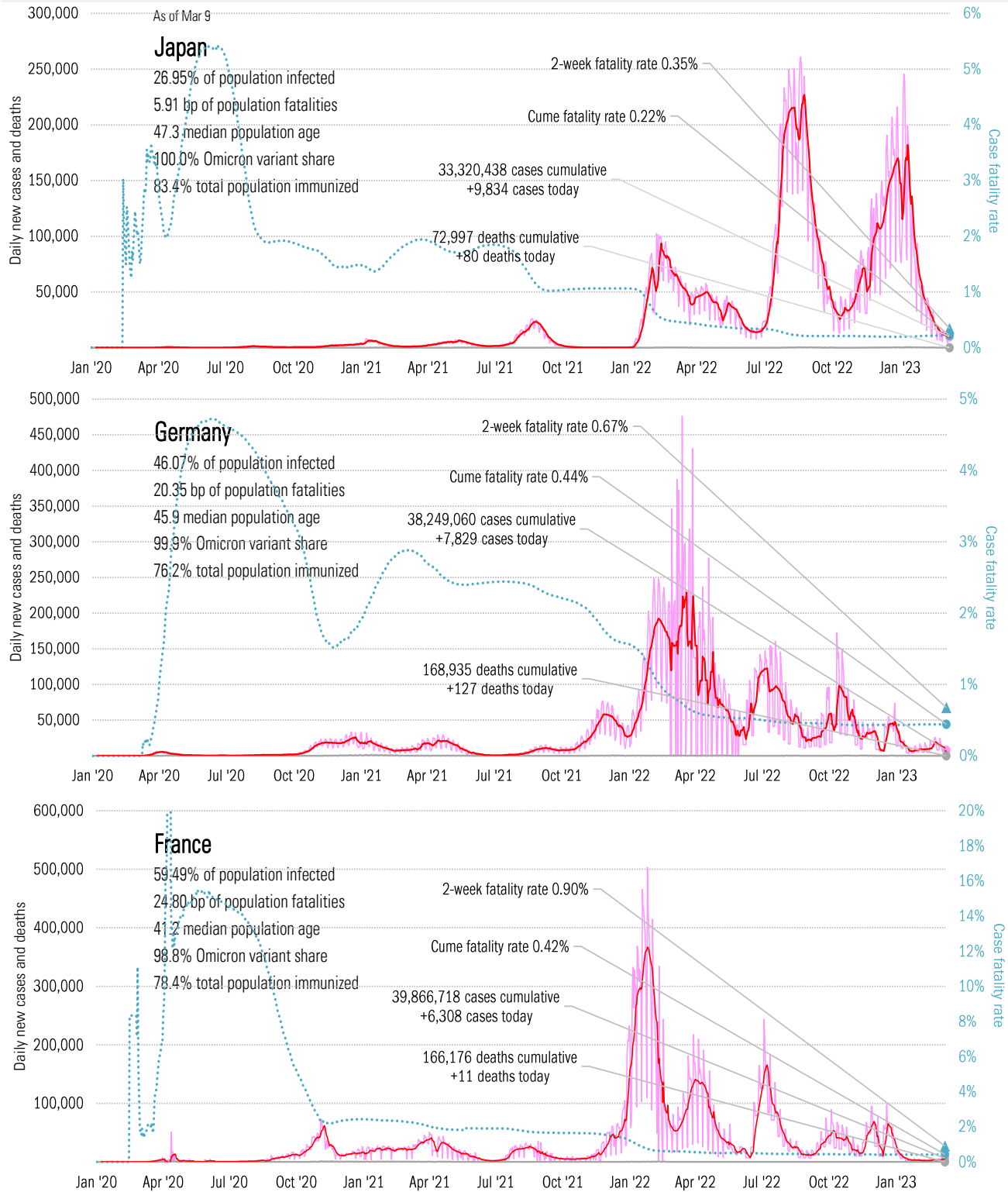
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

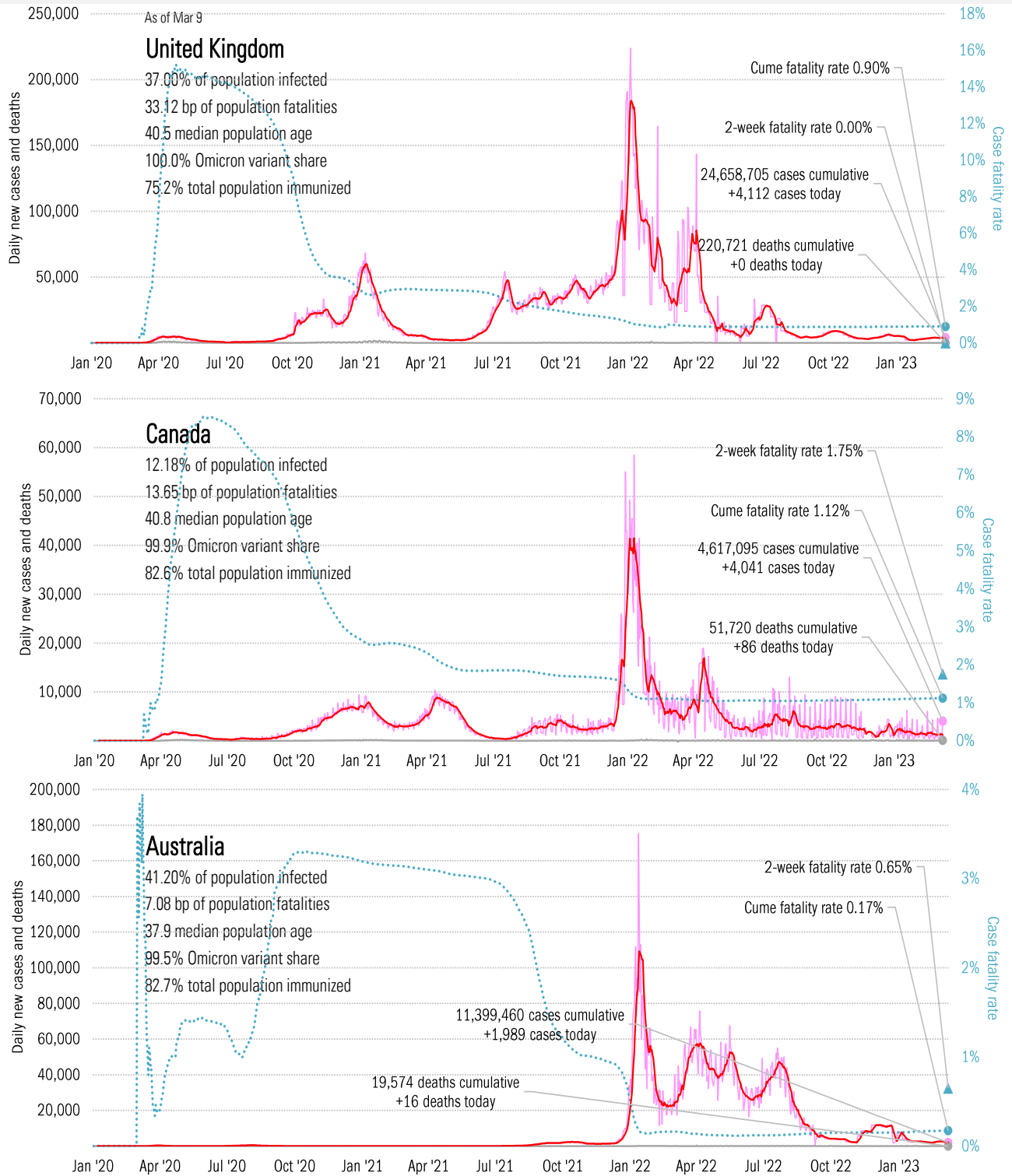
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

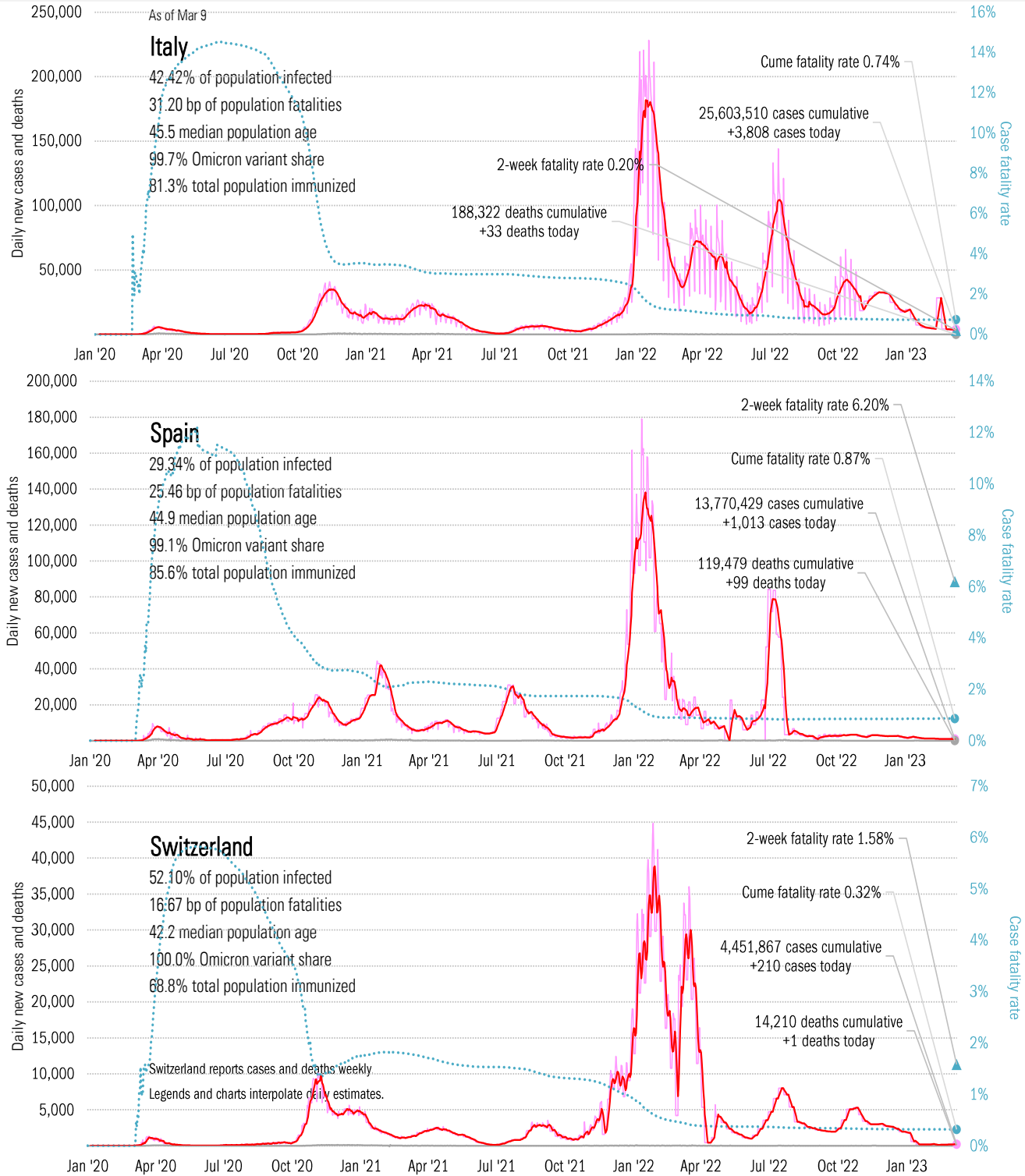
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

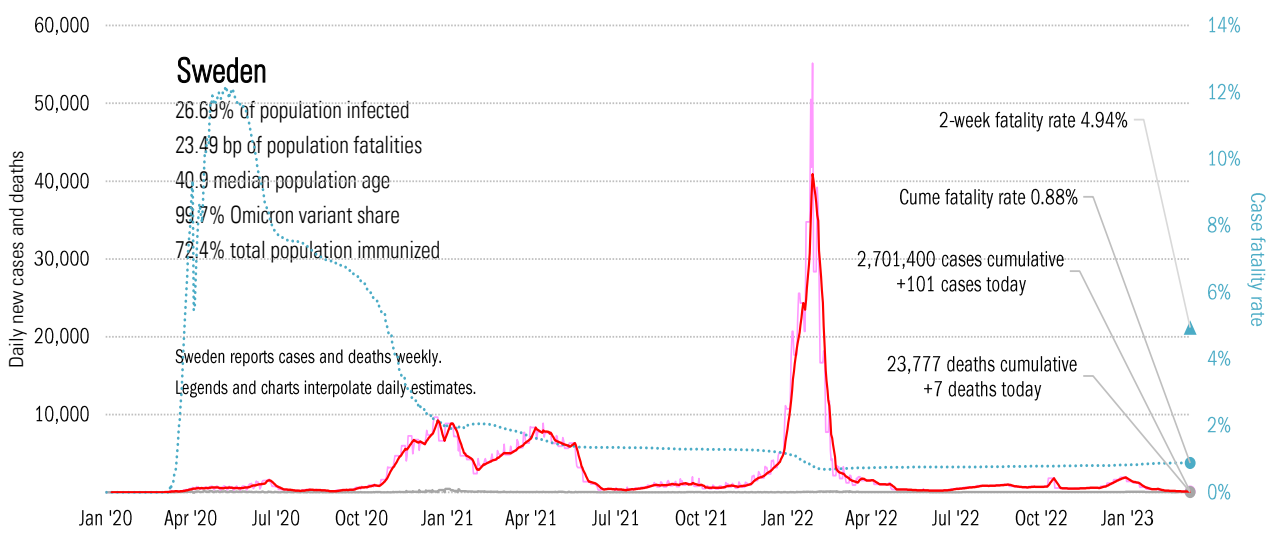
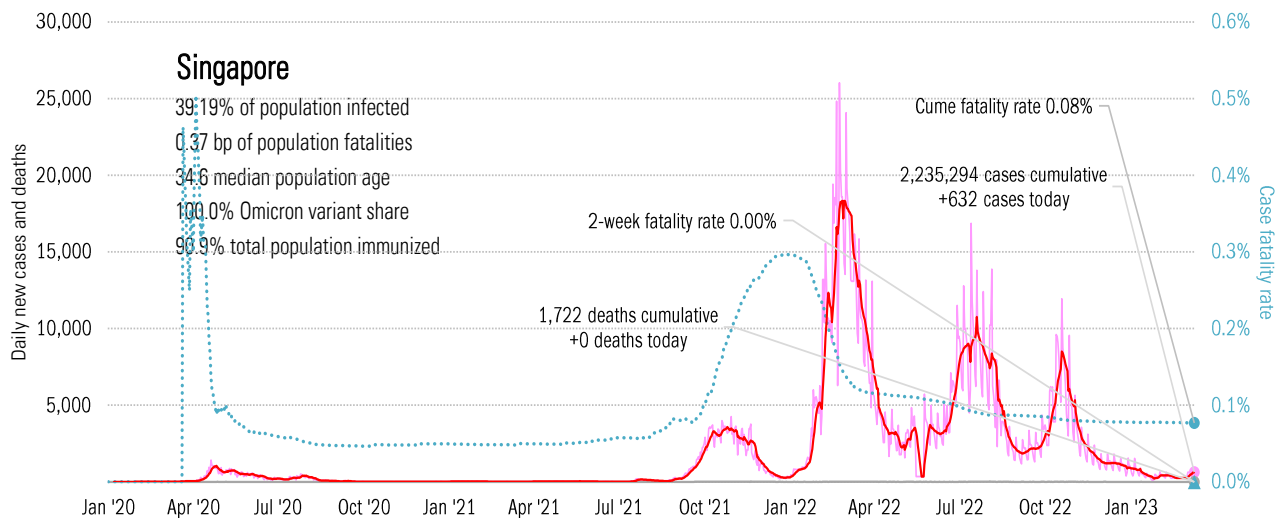
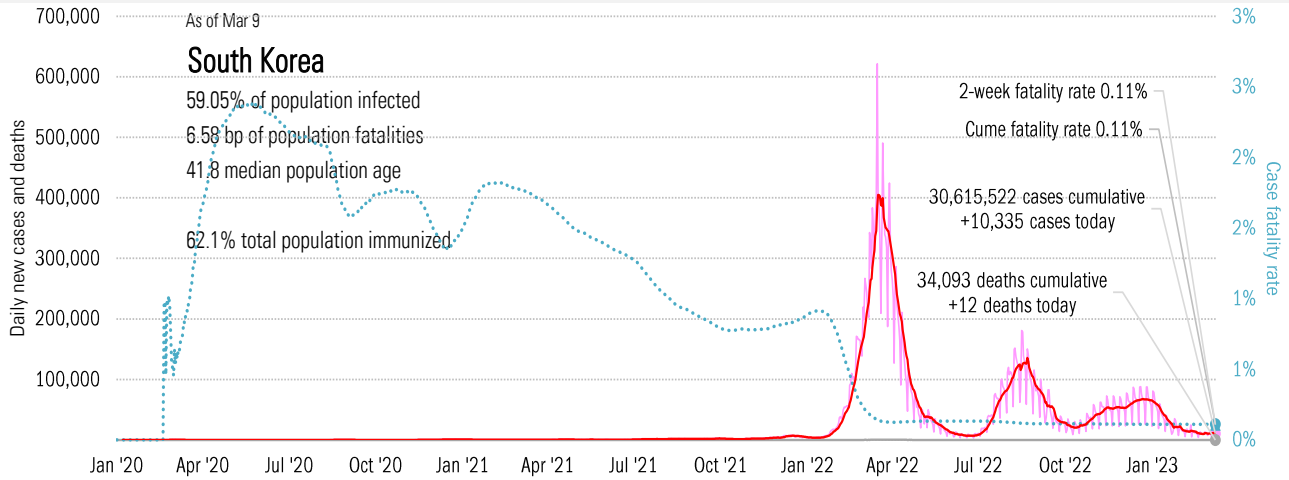
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

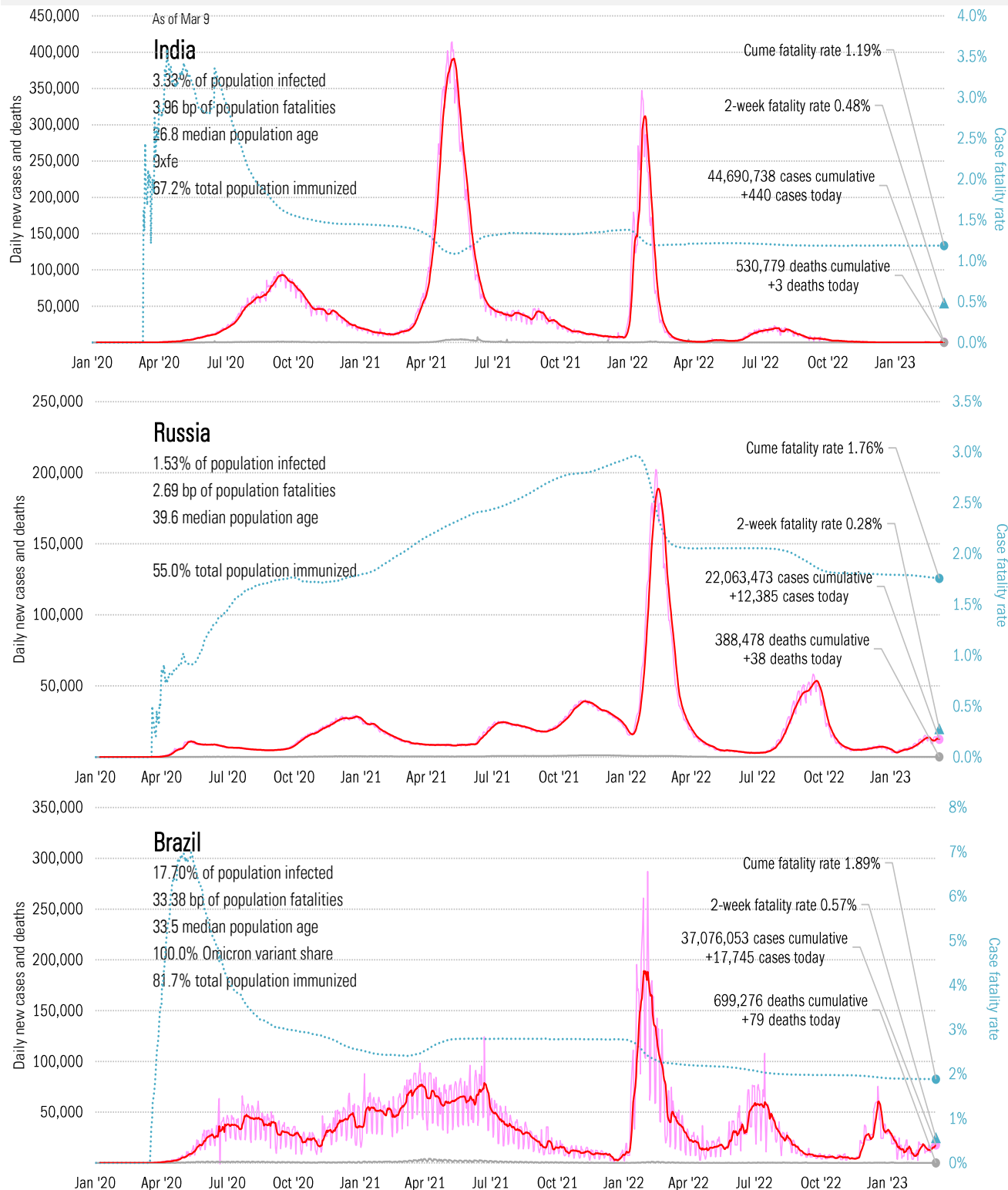
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

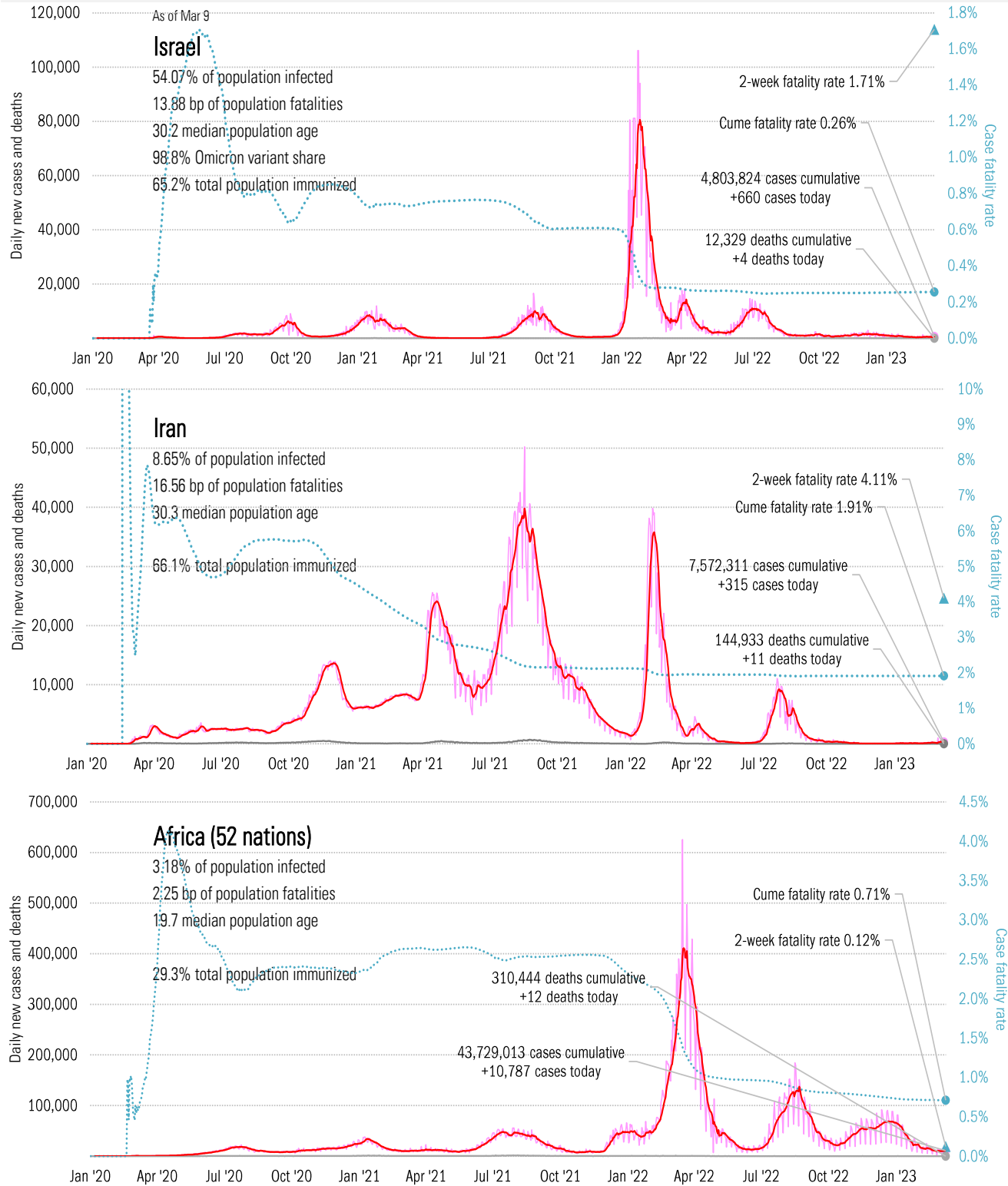
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

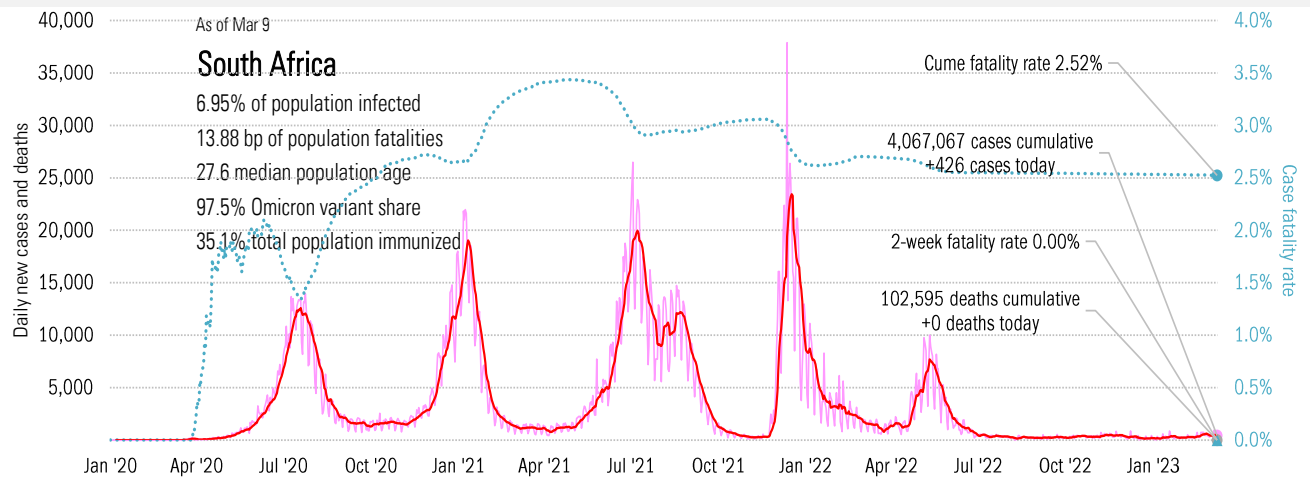
Cases: **7-day average** and **daily** Deaths: **Daily**



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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