

Data Insights: Covid-2019 Monitor

Wednesday, March 8, 2023

The global scorecard

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

The worst ten countries (see China note page 14)

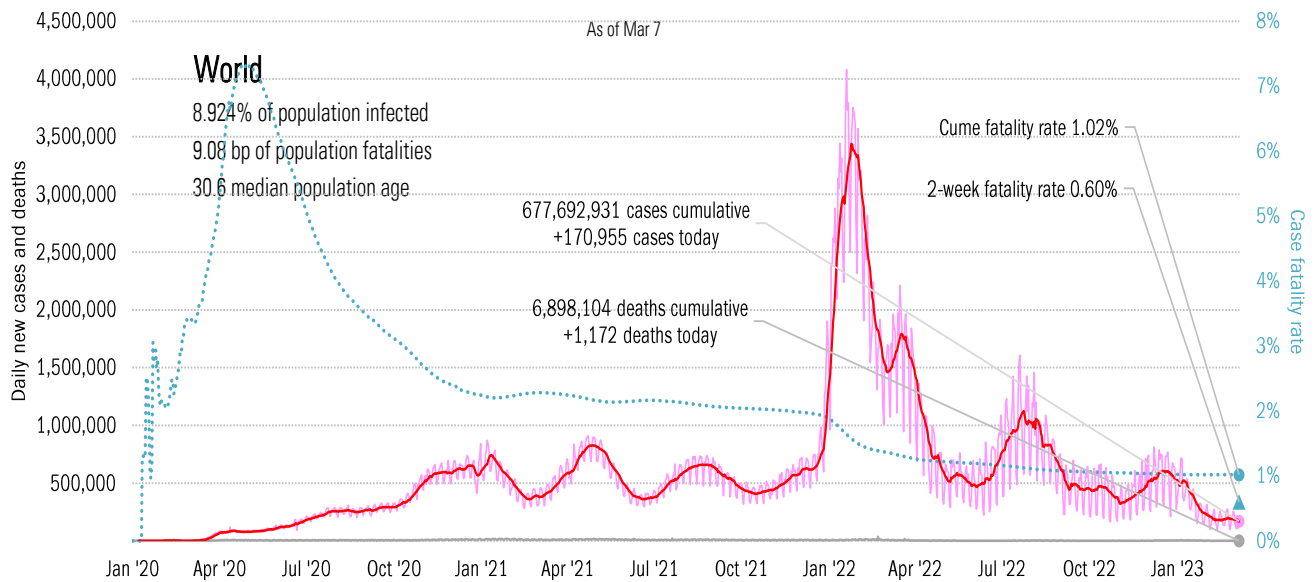
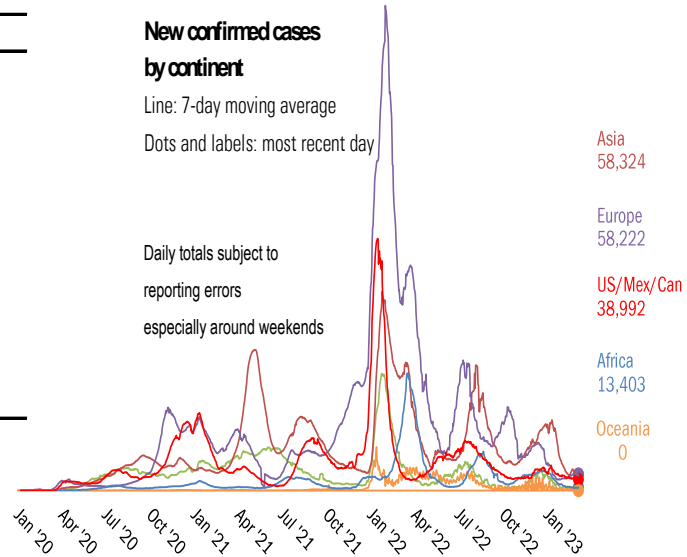
New cases		New Deaths	
China	43,429	United States	450
United States	36,040	Spain	99
Brazil	17,745	Brazil	79
Korea, South	12,798	Germany	78
Japan	12,166	Russia	41
Russia	10,345	Mexico	36
France	7,063	Japan	35
Austria	6,001	Italy	33
Germany	5,190	France	24
Poland	4,833	Austria	18

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

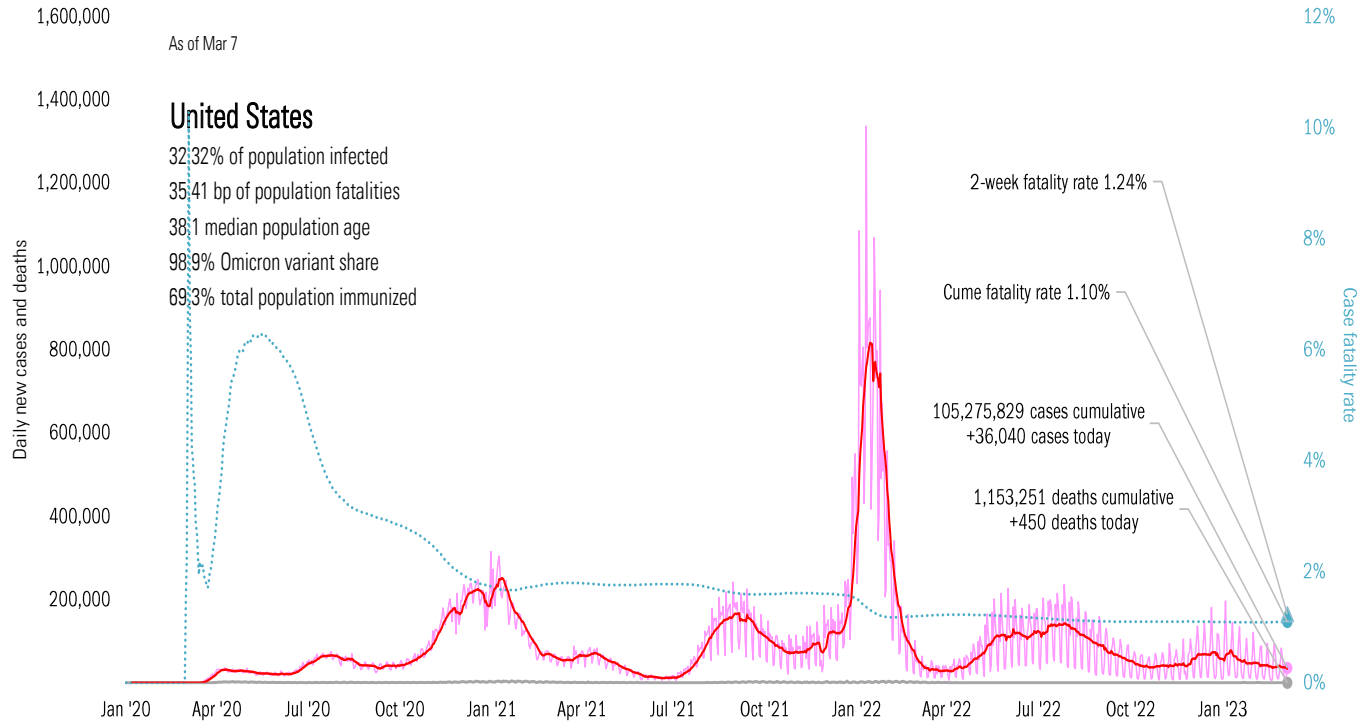
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
FL	8,241		FL	79		NC	123		CA	12,110,297		CA	101,037		TX	589,615		MA	87%	AL	88%
CA	4,217		SC	68		FL	233		TX	8,455,291		TX	93,292		CA	569,113		DC	86%	TX	85%
IL	1,795		NY	33		MA	105		FL	7,574,590		FL	86,850		FL	533,587		DE	85%	WV	85%
WV	1,706		CA	30		NY	204		NY	6,792,030		NY	77,135		NY	355,154		RI	85%	DC	84%
CH	1,332		WV	22		CA	439		IL	4,072,972		PA	50,281		CH	244,637		WV	85%	NC	83%
NC	1,089		MA	17		UT	26		PA	3,520,978		GA	42,427		GA	242,582		MN	85%	MA	82%
NY	1,026		PA	16		AR	26		NC	3,467,226		MI	42,205		PA	231,031		CT	83%	AK	81%
MI	986		MI	16		AL	49		CH	3,392,320		CH	41,749		IL	214,185		AK	83%	CK	81%
MD	914		MD	14		MO	63		GA	3,065,390		IL	41,443		MI	180,937		WA	82%	AR	81%
TN	905		GA	14		TN	66		MI	3,064,125		NJ	36,003		NJ	163,467		MO	82%	RI	81%
22,212			308			1,334			55,515,219			612,422			3,324,308						
All states	36,040		450			2,985			All states	105,275,829		1,153,251			6,022,328			All states	70%	67%	
Top ten	62%		68%			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	
NY	-1,369	MN	-8	TX	-51
WI	-478	TN	-7	CA	-50
NM	-204	NM	-4	IL	-49
AK	0	NH	-1	IN	-42
AL	0	AK	0	CO	-34

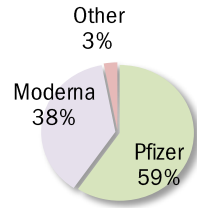


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

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%	80.6%
Total population	277,995,771	83%	236,920,363	71%	+0.012 million	Spain	85.6%	86.9%
Age 12 to 17	18,489,485	73%	15,821,611	63%	+0.001 million	Germany	76.2%	77.8%
Age 18 to 64	184,796,583	91%	157,013,258	77%	+0.007 million	Italy	81.2%	86.2%
Age 65 and over	61,113,123	100%	53,528,865	98%	+0.001 million	Australia	82.7%	85.0%
						Israel	65.2%	71.2%
						Canada	82.6%	90.4%
						Japan	83.4%	84.4%
						Africa	29.3%	35.5%
						India	67.2%	72.5%
						Brazil	81.7%	88.0%
						China	89.5%	91.9%



AK	73.0%
	65.1%

State
At least partial immunity as % population
Full immunity as % population

Best
Middle
Worst

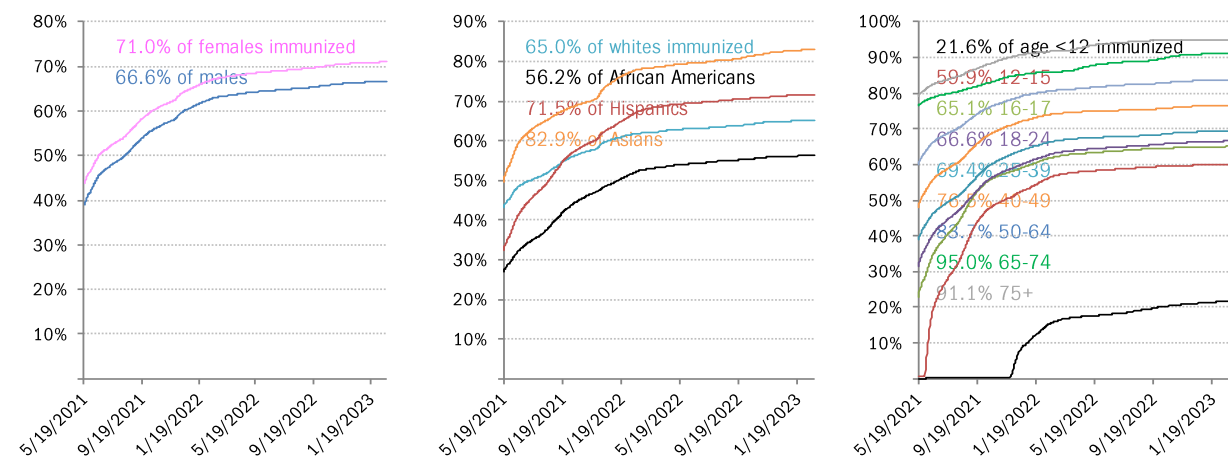
"Immunity" = two doses

Global data differs due to sources, timing

As of Mar 3

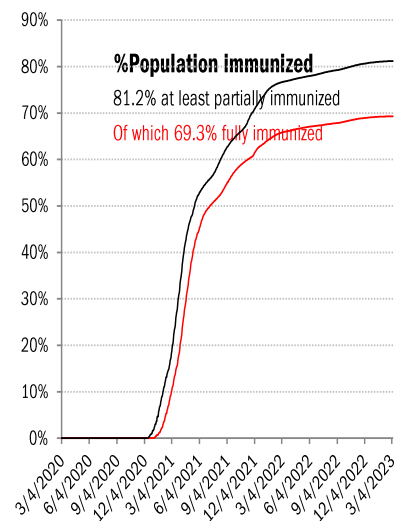
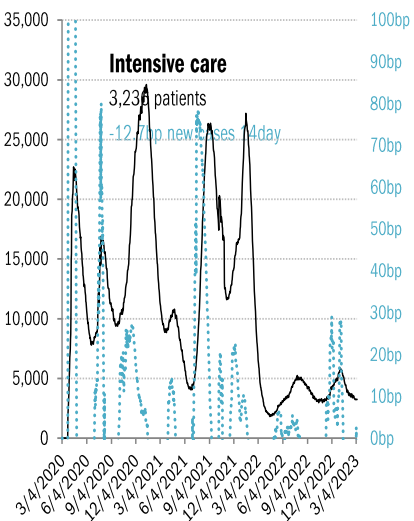
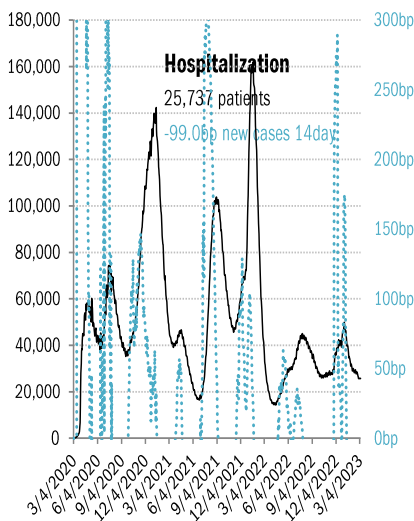
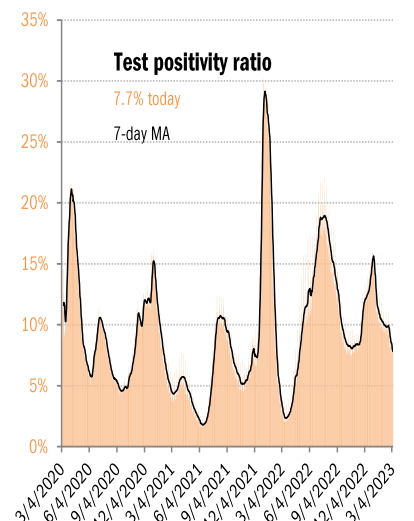
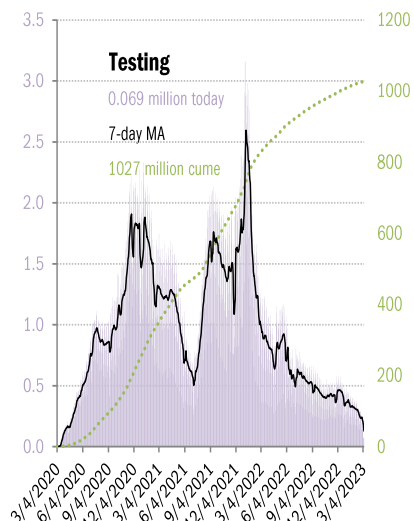
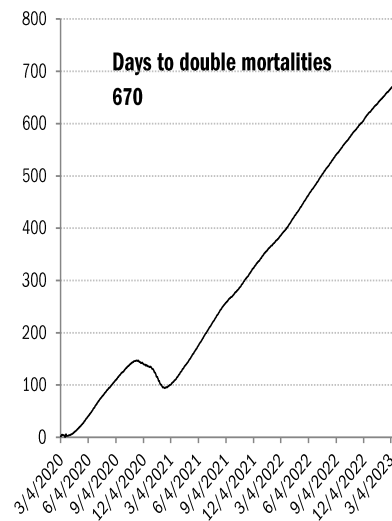
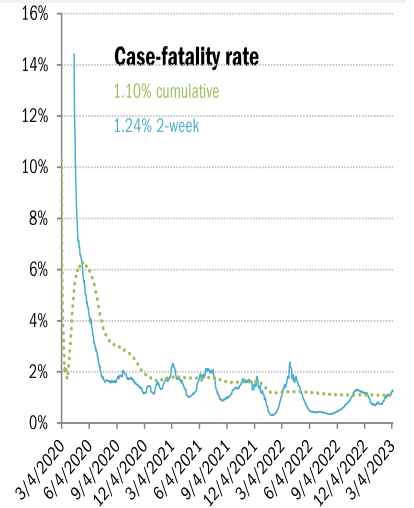
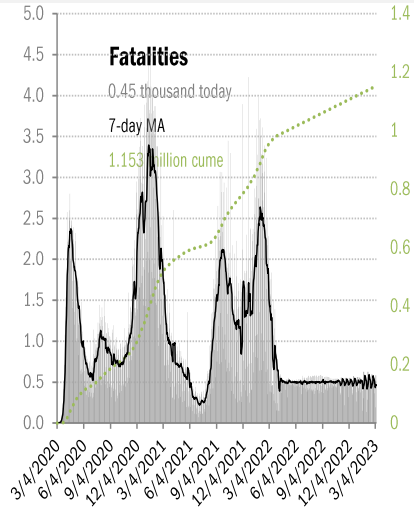
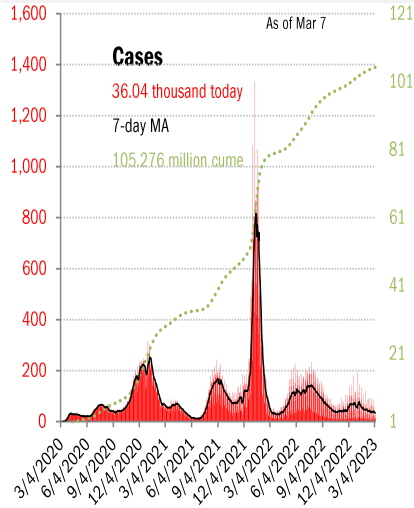
					WI						ME
					75.2%						95.0%
					68.2%						83.4%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH
85.3%	64.0%	68.3%	69.4%	78.9%	79.2%	69.5%			94.5%	95.0%	88.2%
76.1%	56.5%	59.2%	58.7%	72.2%	71.4%	62.3%			80.8%	85.8%	72.0%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA	
81.7%	77.7%	60.9%	84.0%	70.7%	64.4%	65.8%	90.7%		94.7%	95.0%	
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								
			76.5%								
			63.3%								
								FL		PR	
								82.5%		90.9%	
								69.4%		84.1%	

The demographics of US vaccination

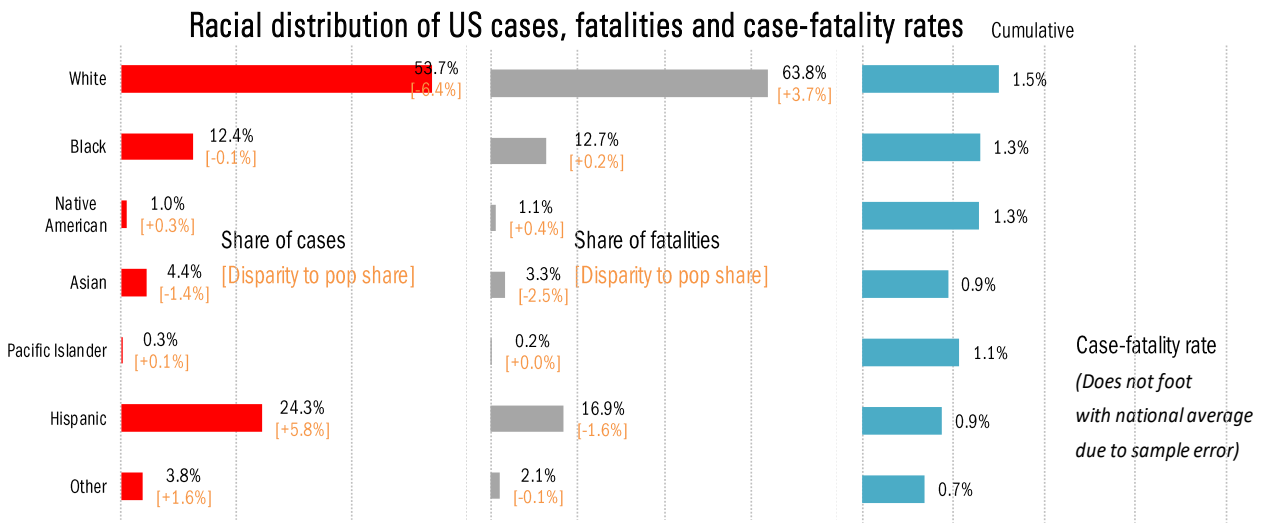
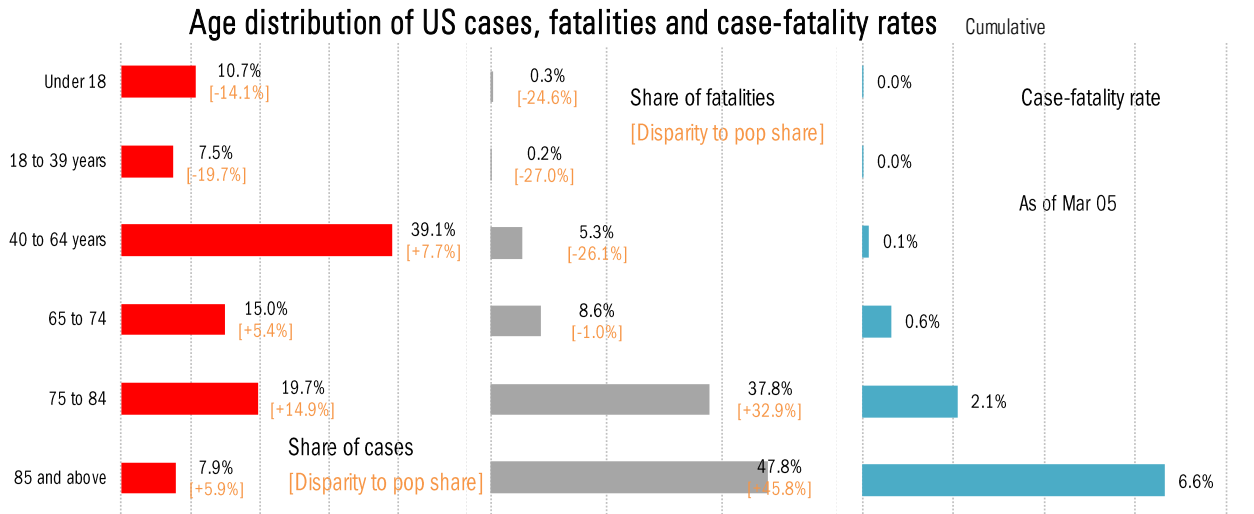


Source: CDC, CDC, Our World in Data, TrendMacro calculations

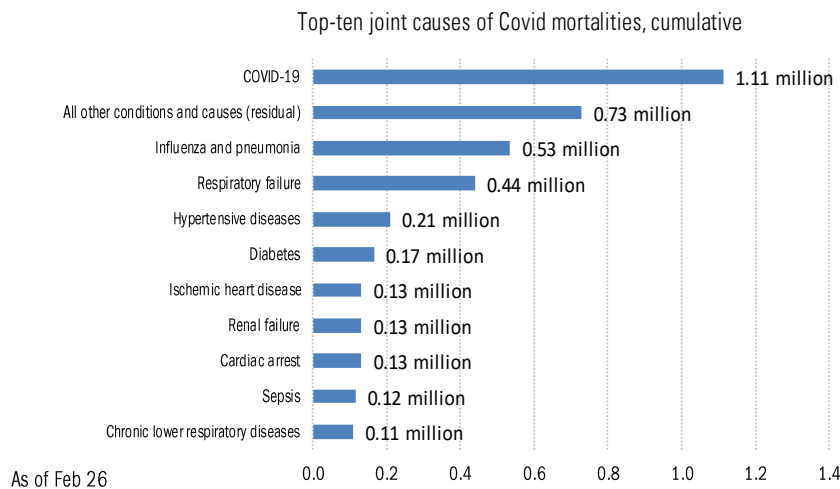
US deep-dive



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

[Sold-Out Girl Scout Cookie Flavor Hits the Resale Market](#)

Christine Chung
New York Times
March 7, 2023

[What the Covid Lockdown Files Tell Us](#)

Wall Street Journal
March 7, 2023

[COVID-19 Cover-Up? 67% Not Surprised by Lab Leak Confirmation](#)

Rasmussen Reports
March 7, 2023

[Covid: Your tax dollars at work](#)

Alex Berenson
Unreported Truths
March 7, 2023

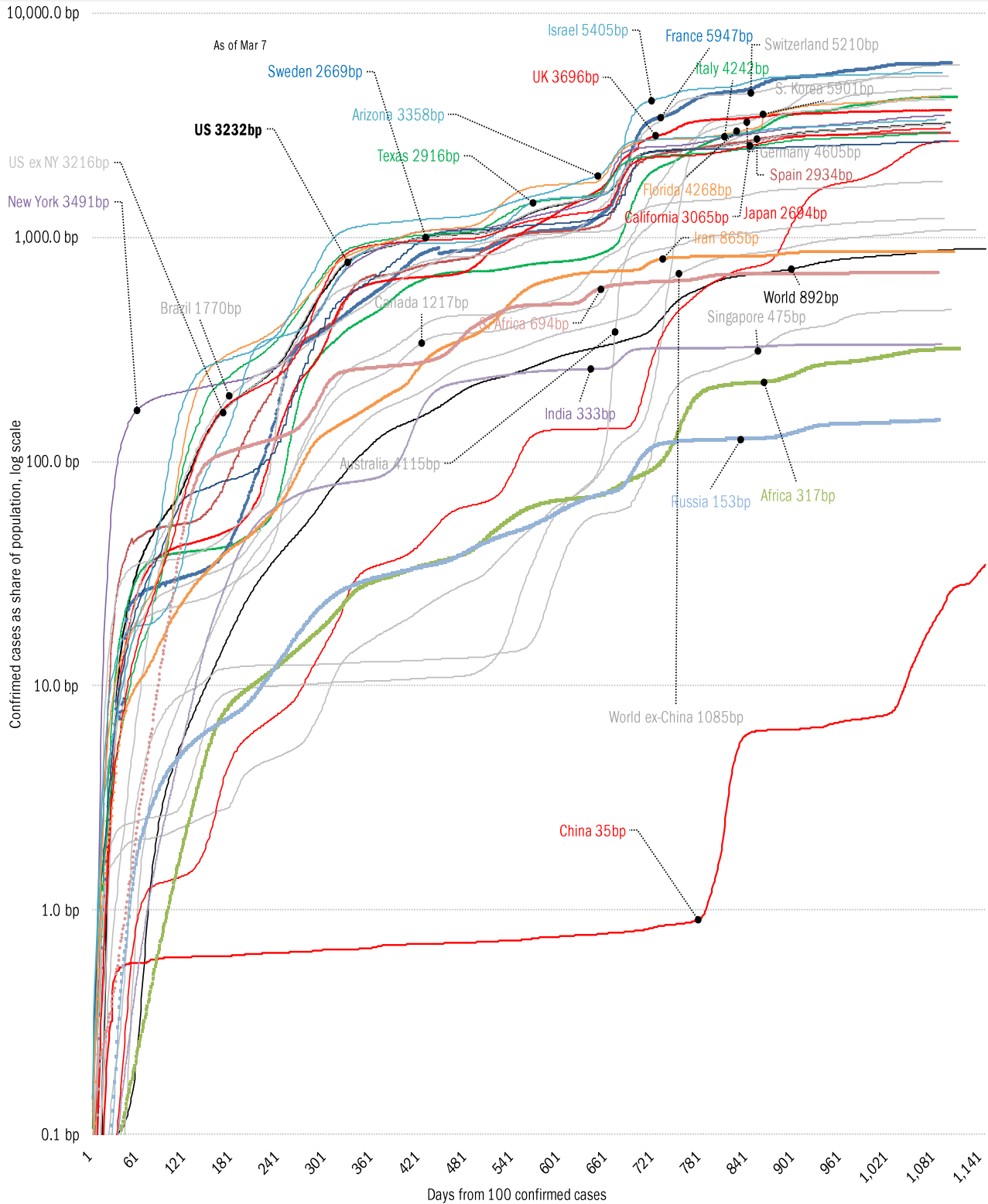
Meme of the Day



World Chess Match

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

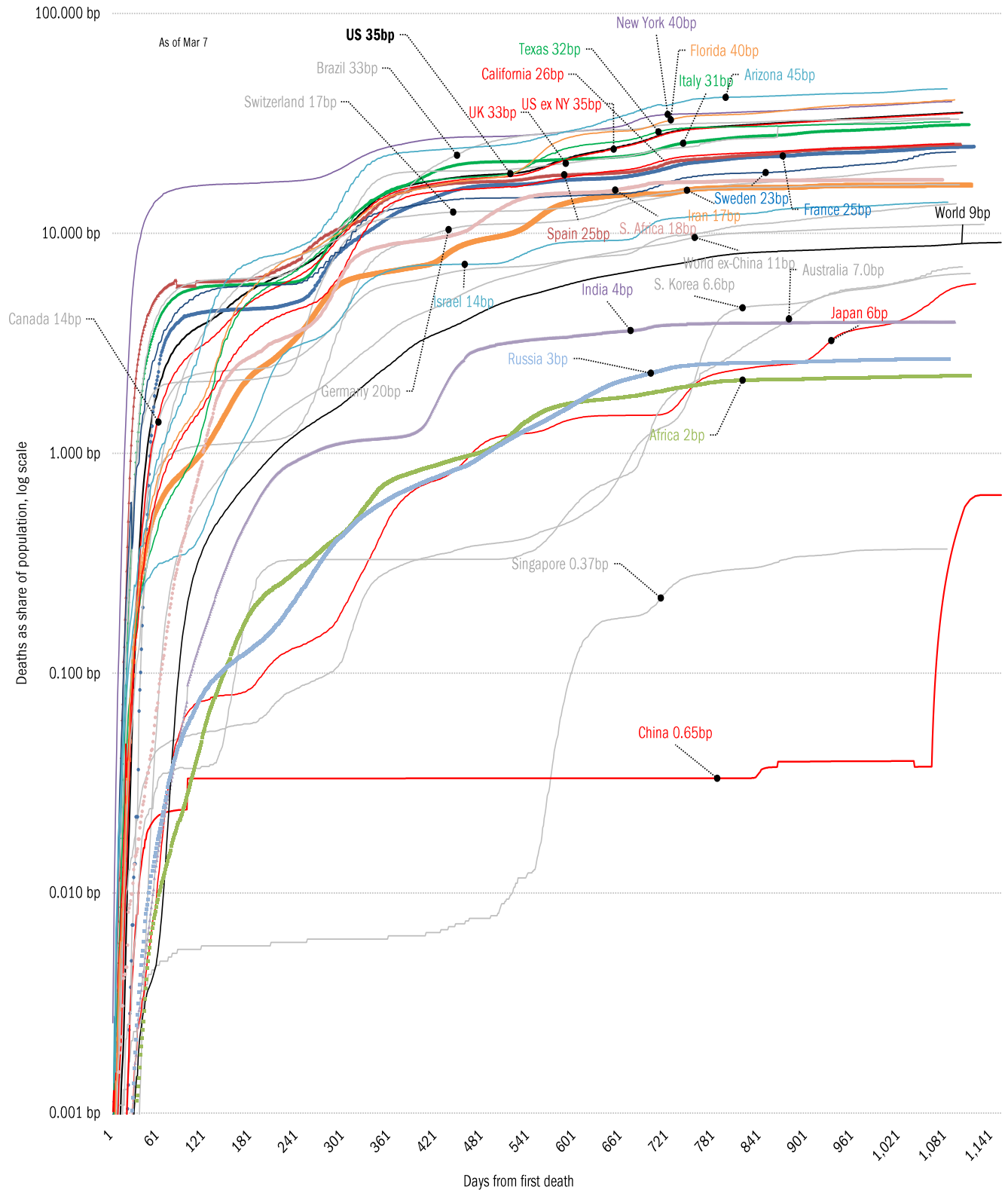
The global coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

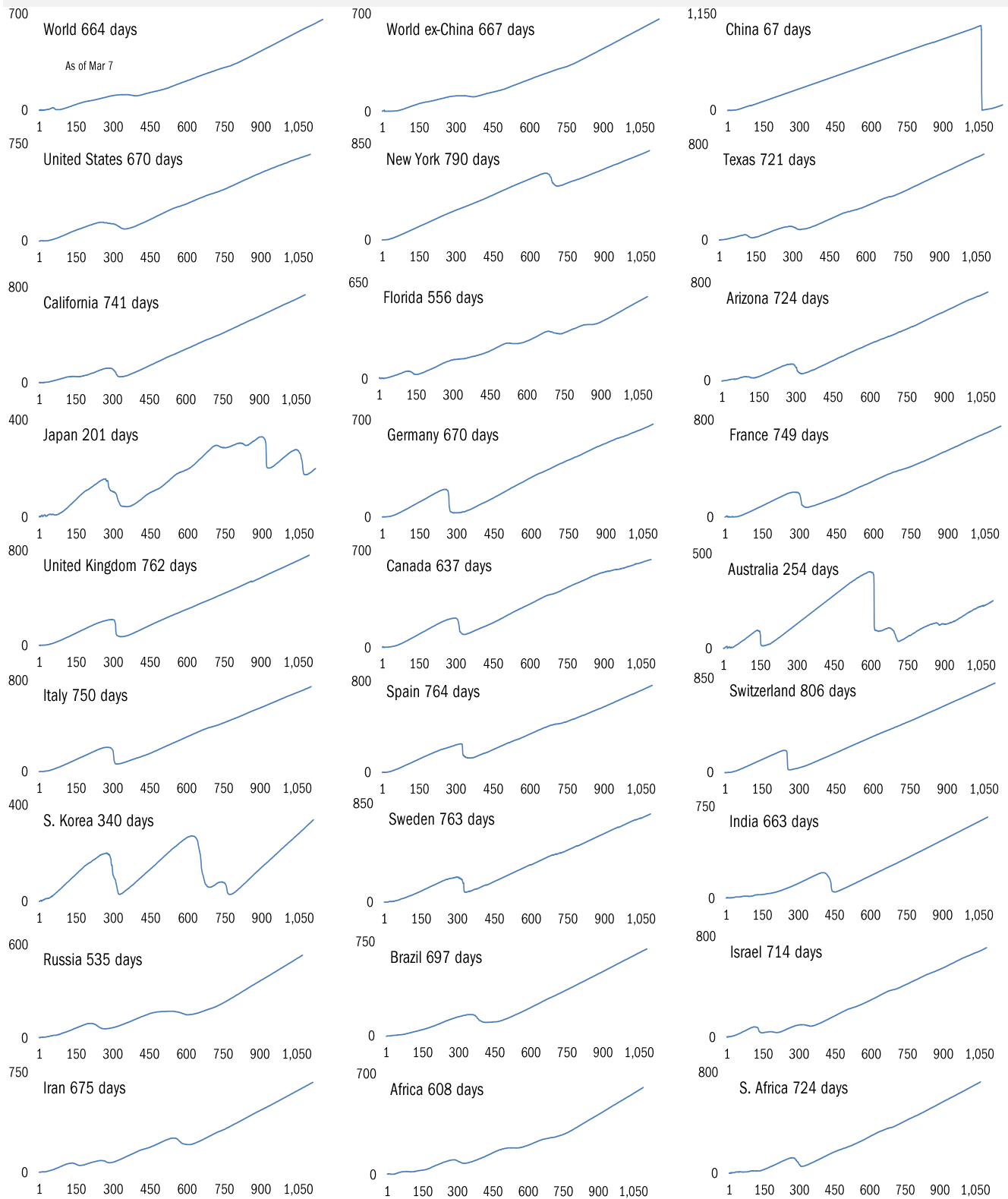


Source: [Johns Hopkins](#), TrendMacro calculations

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

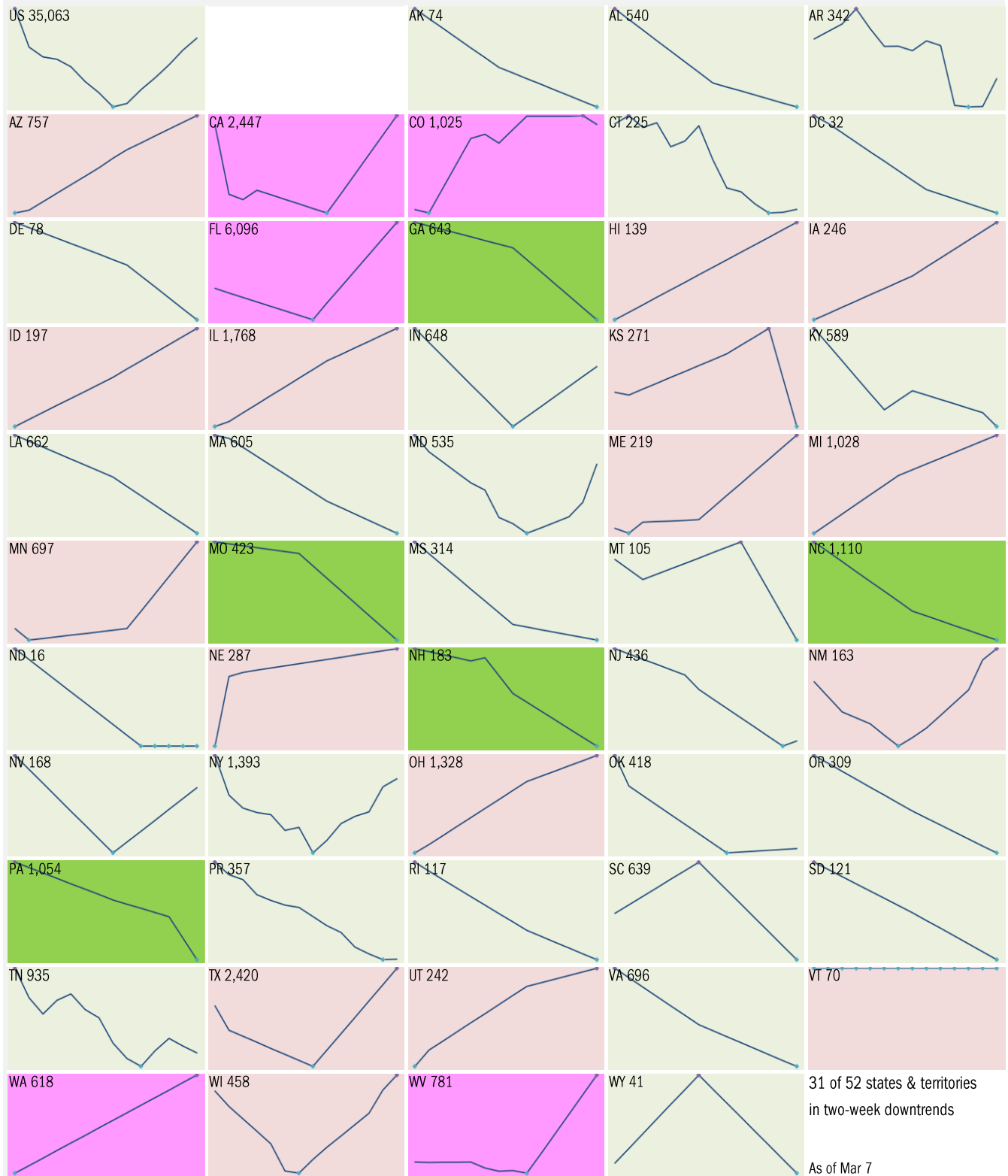


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

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

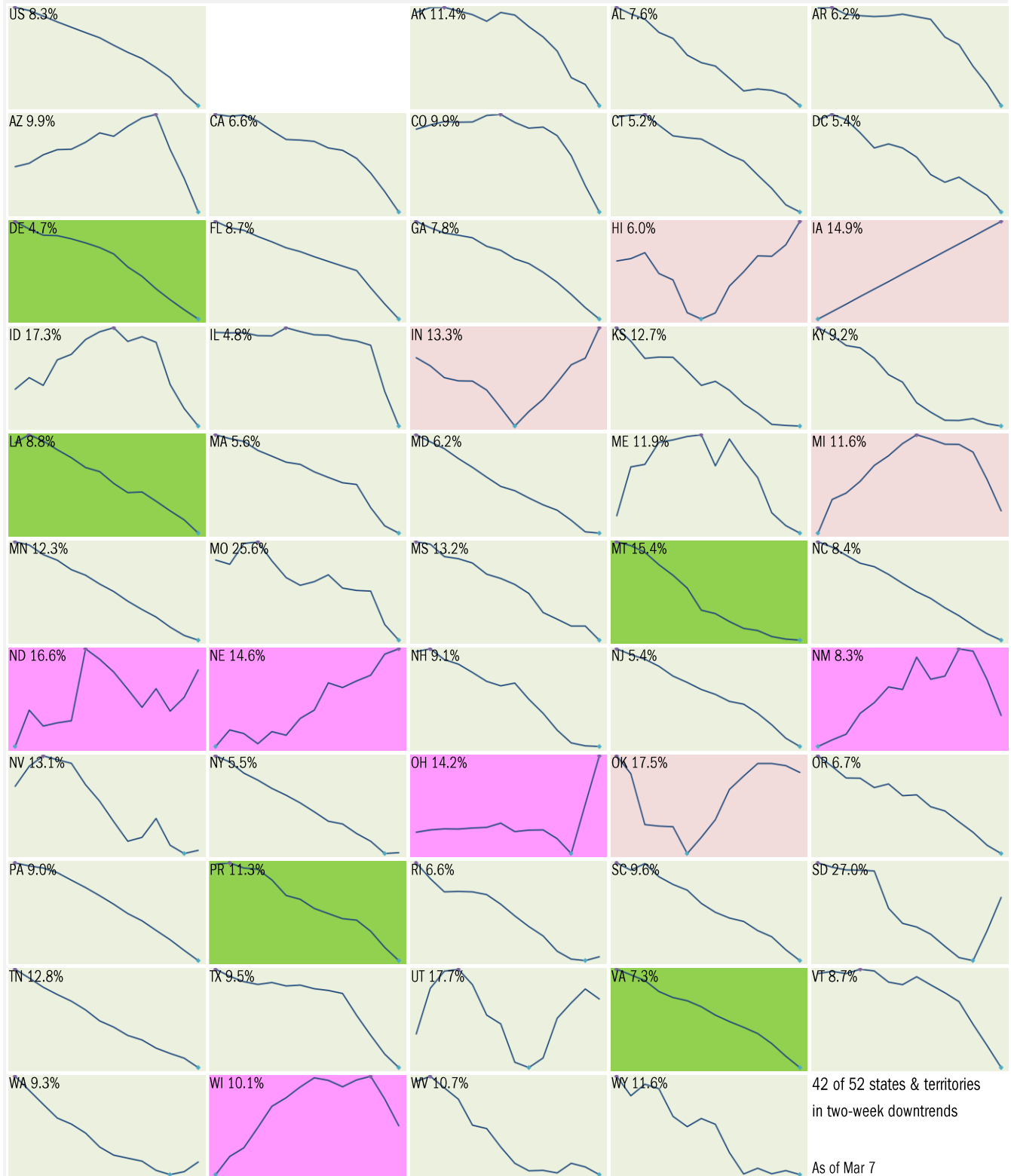


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

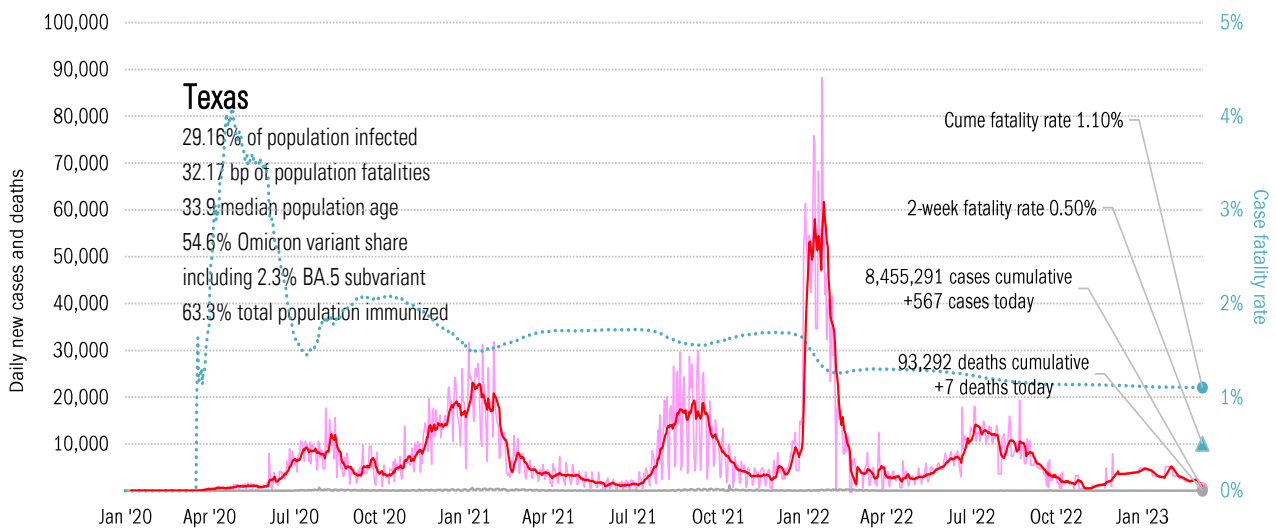
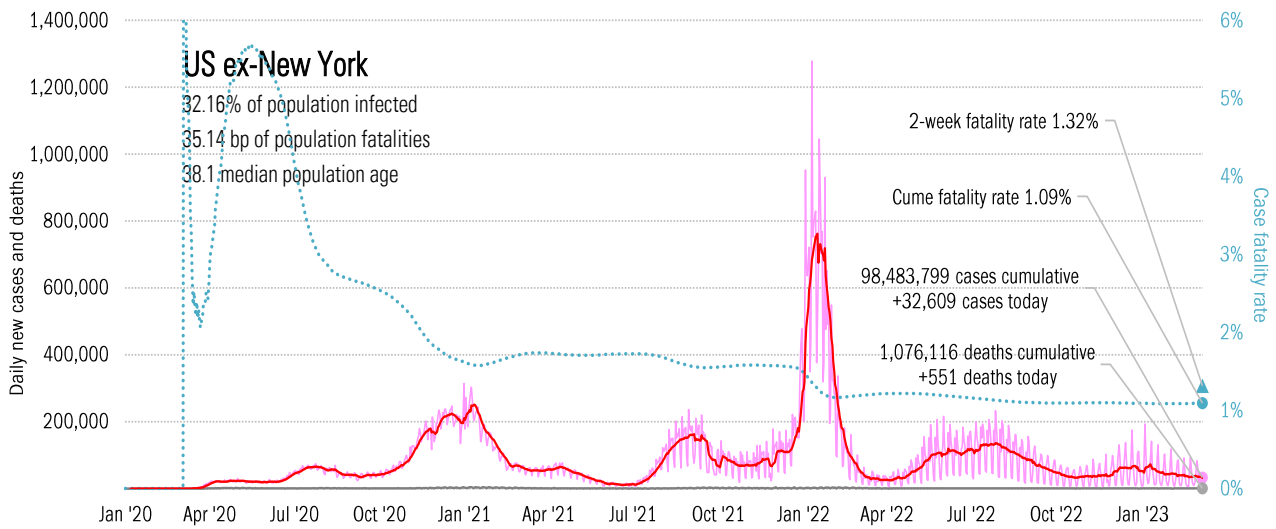
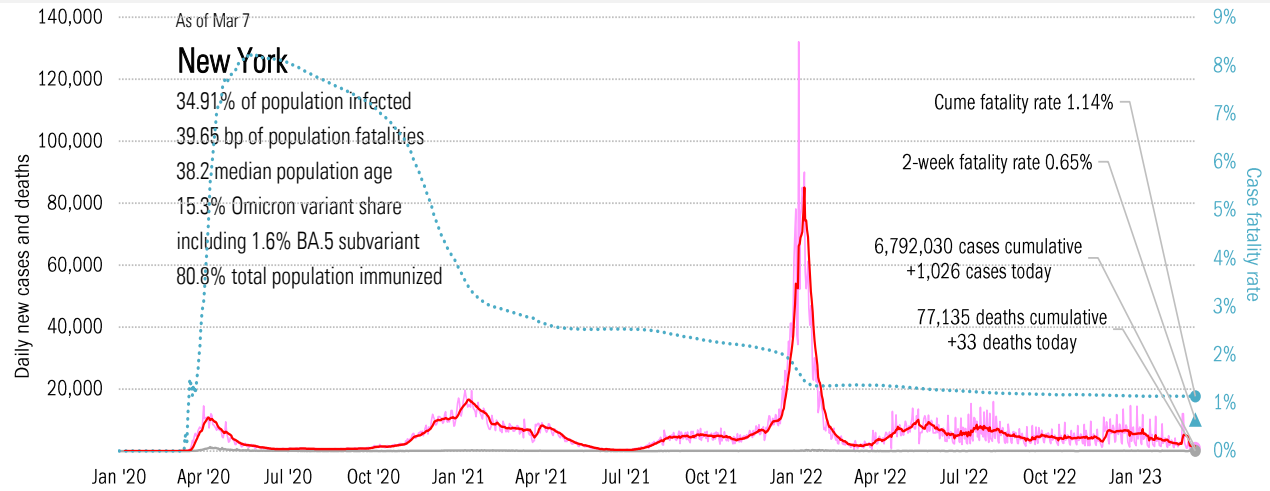
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

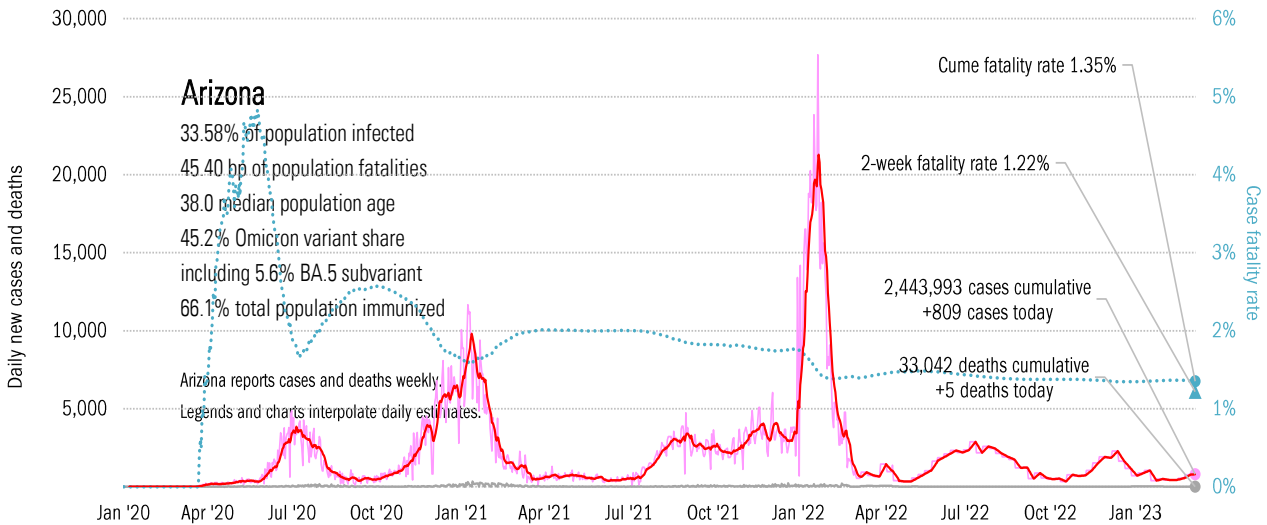
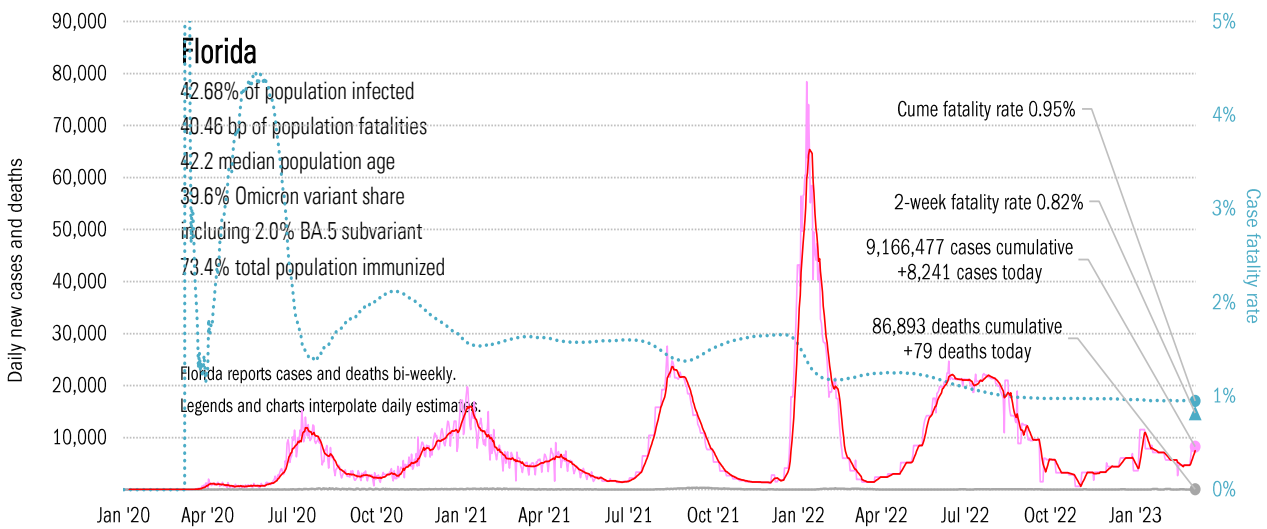
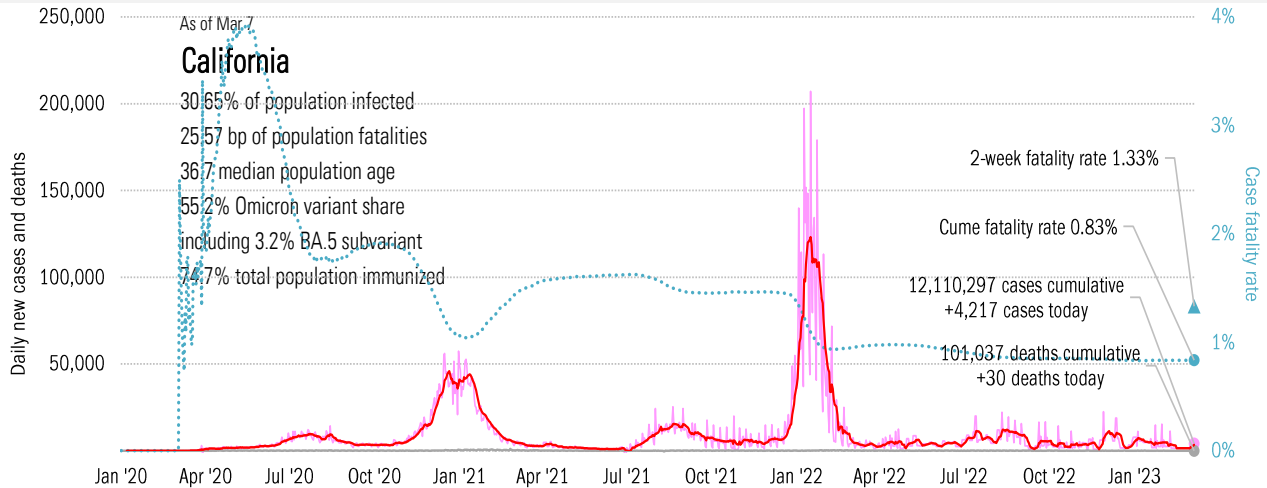
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

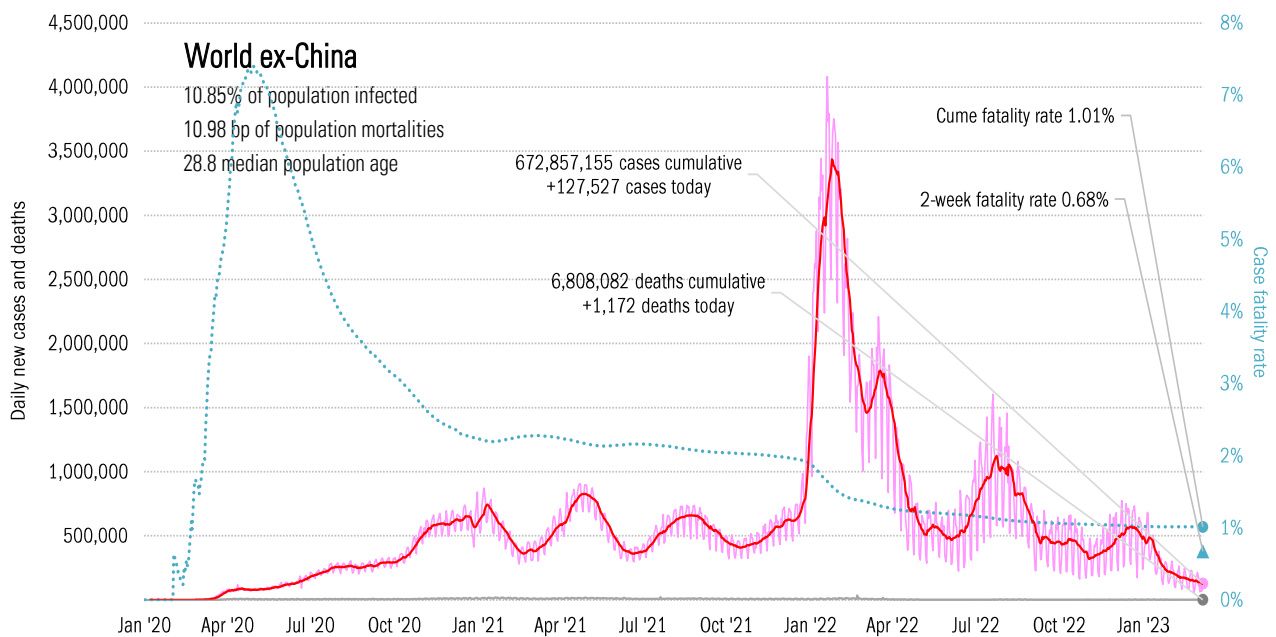
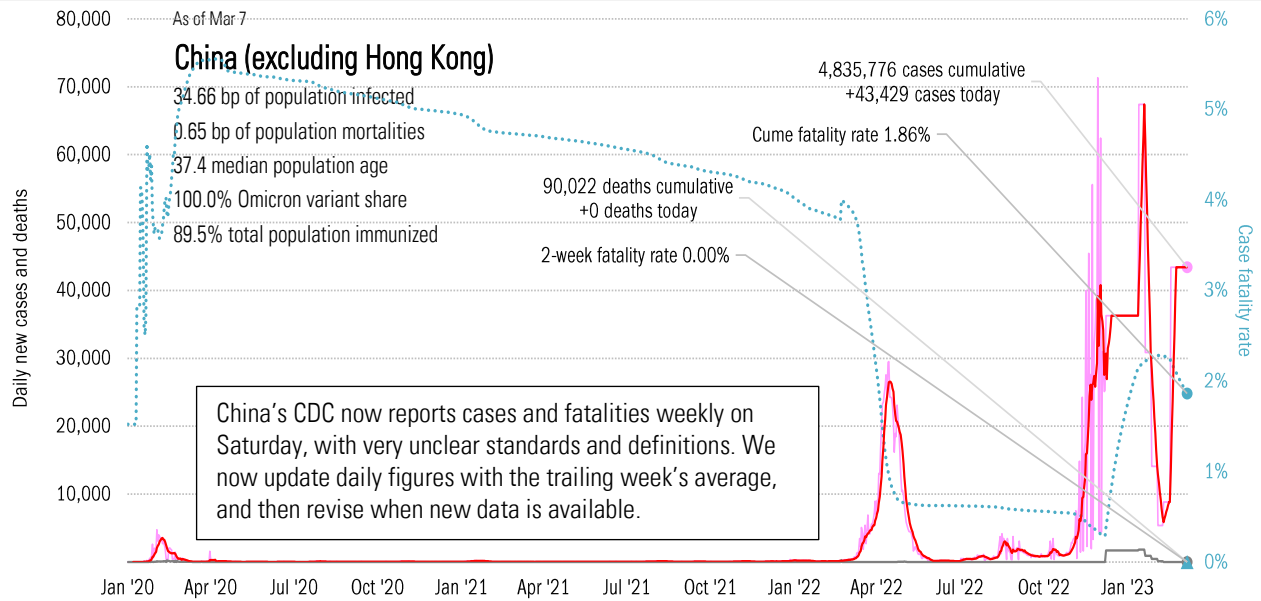
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

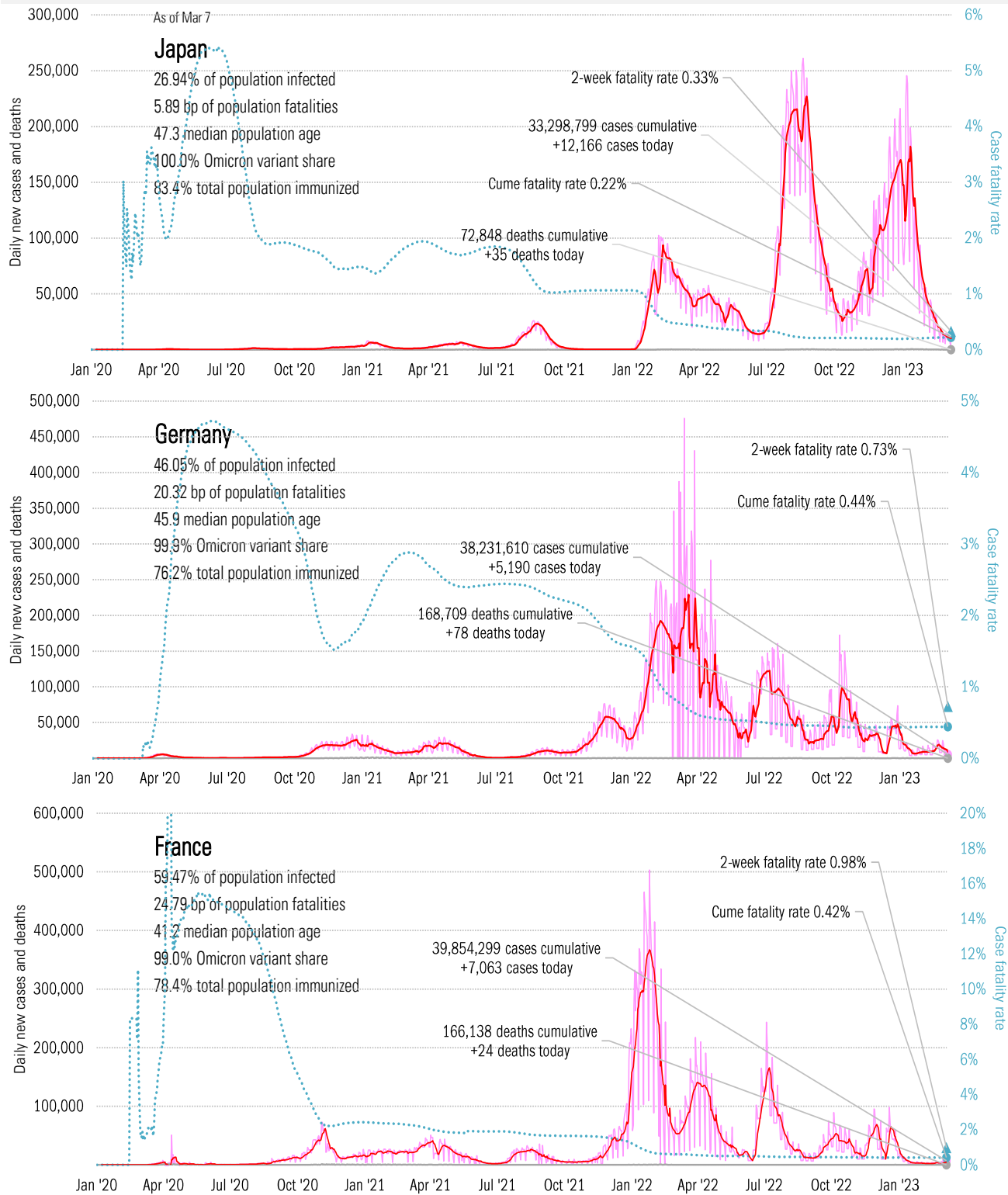
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

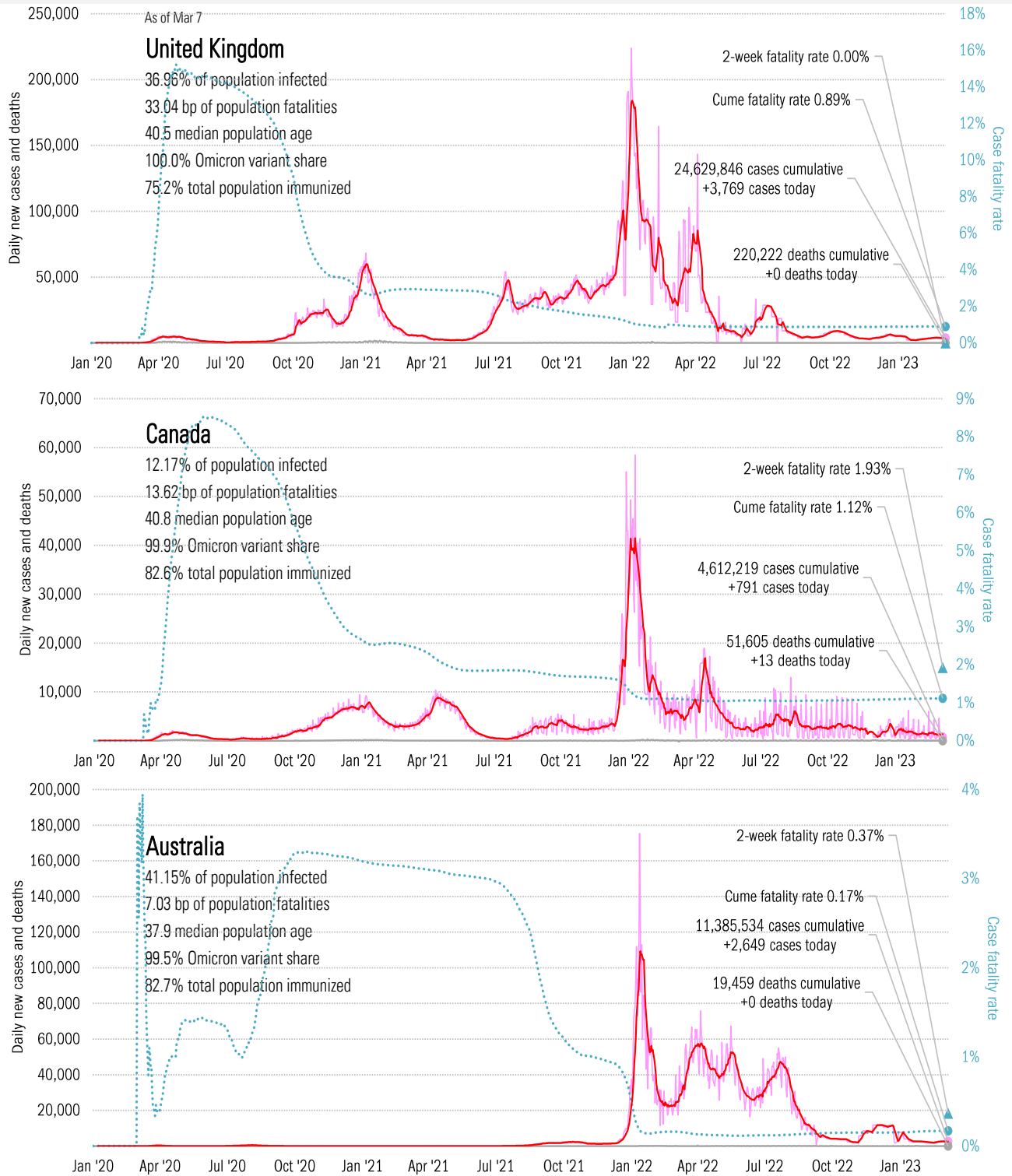
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

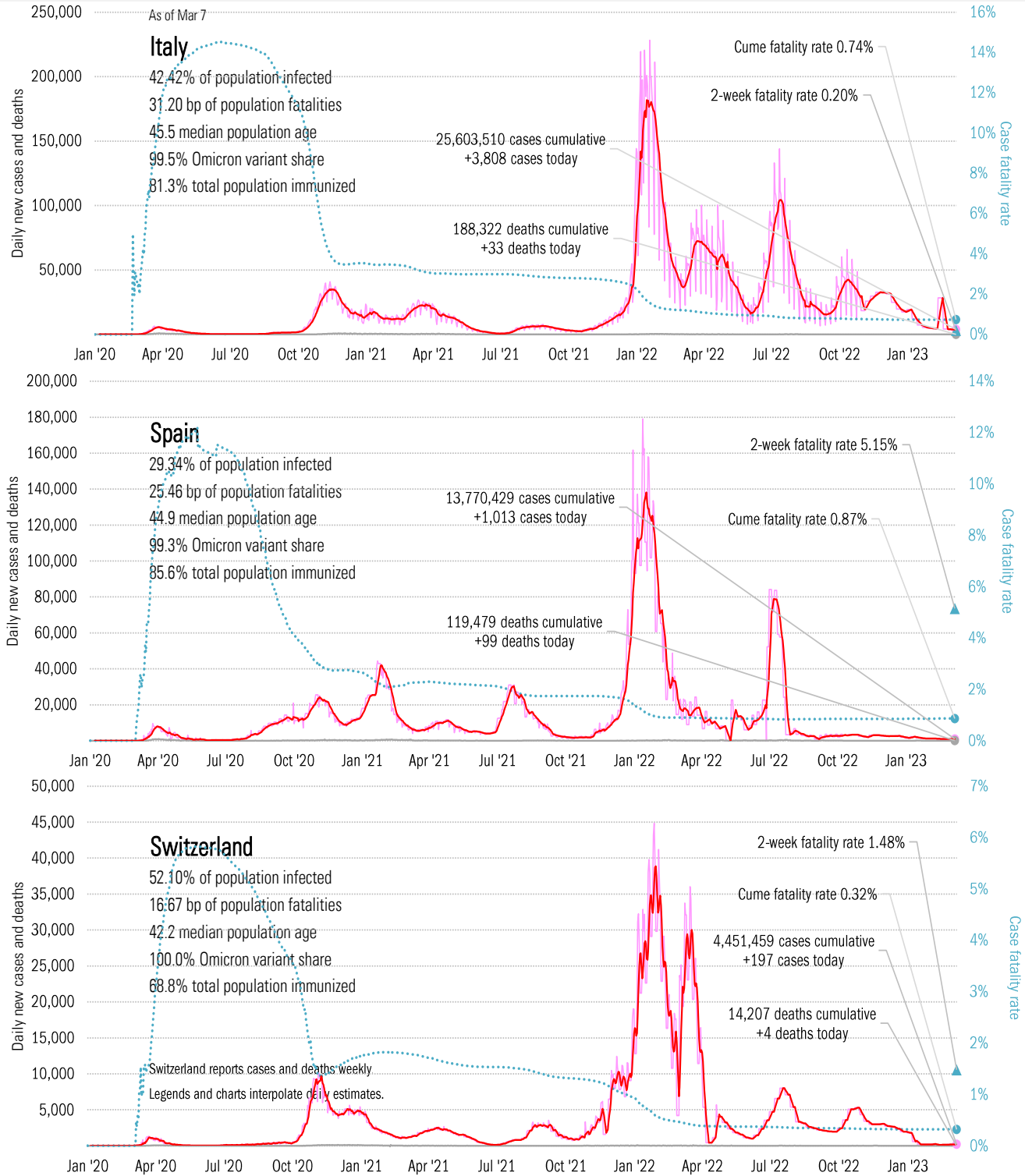
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

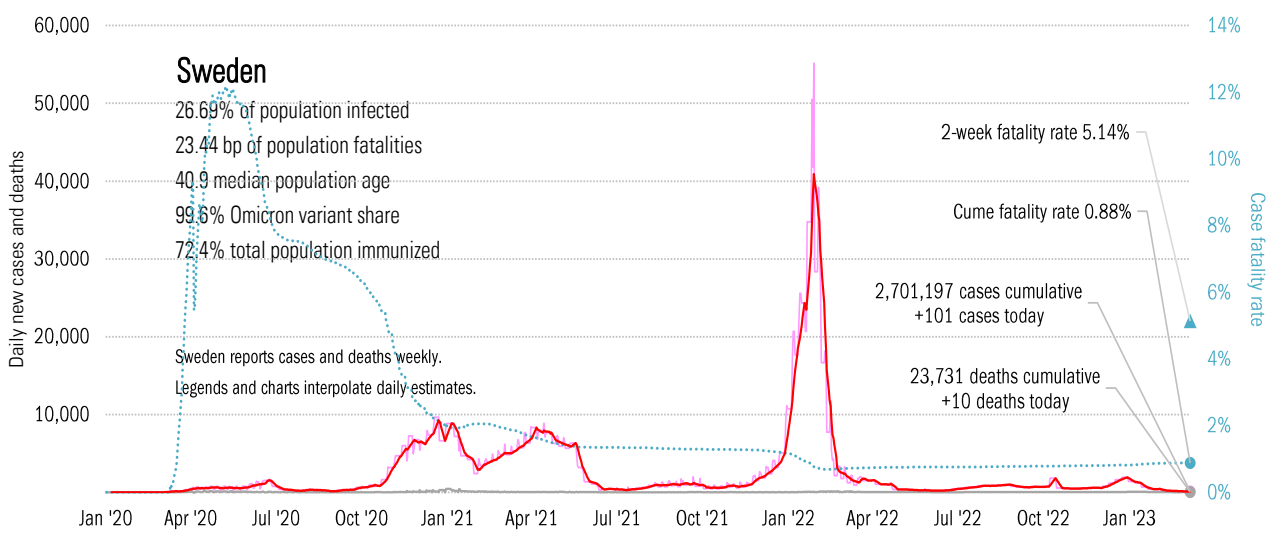
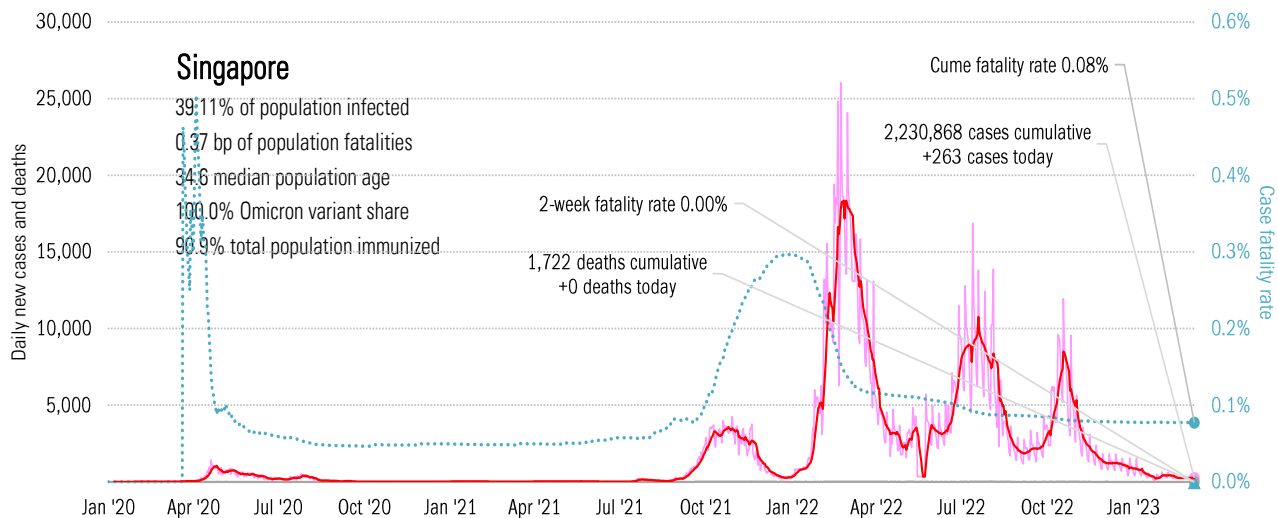
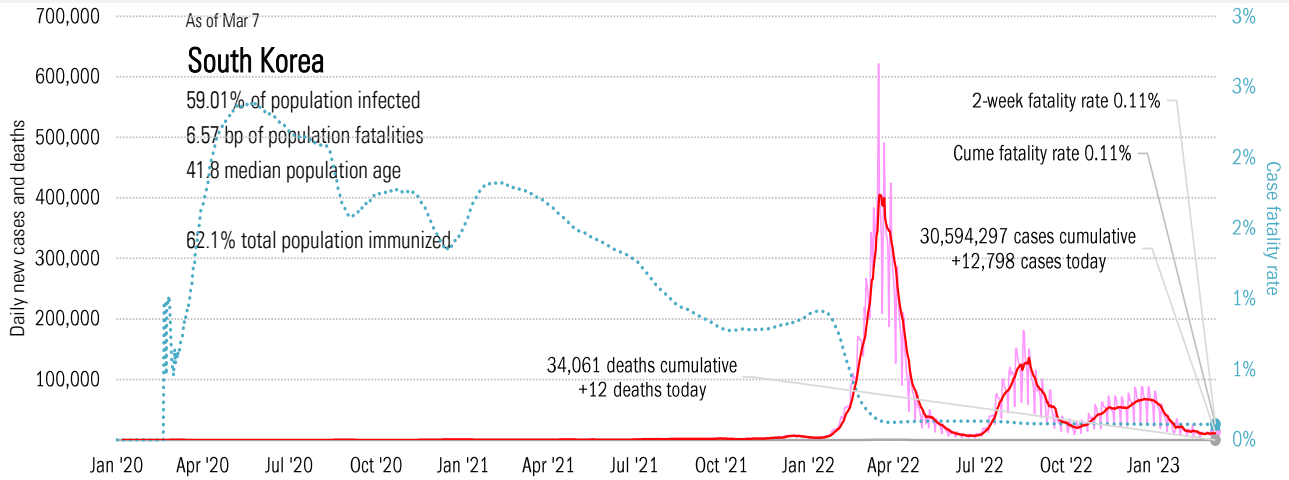
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

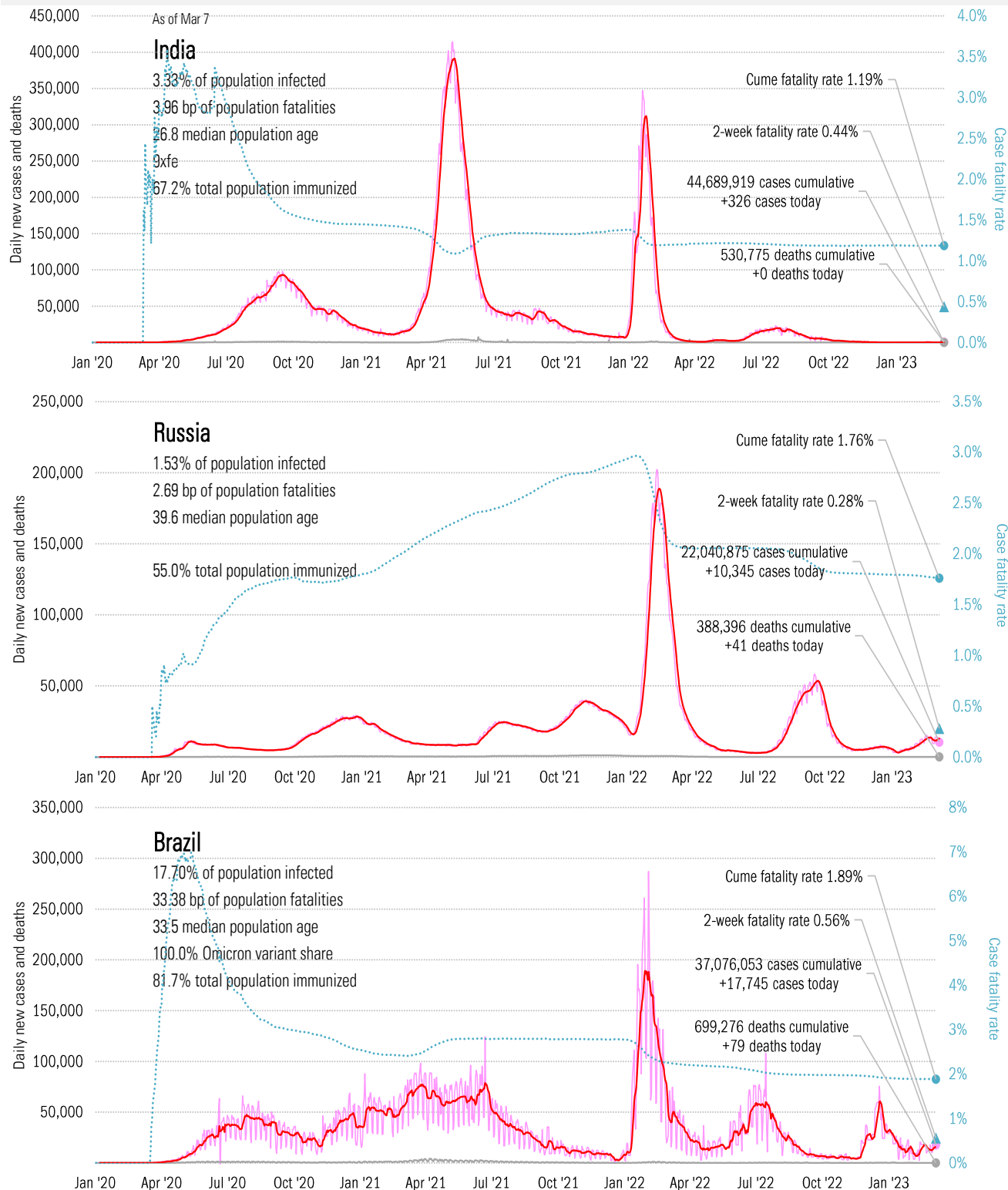
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

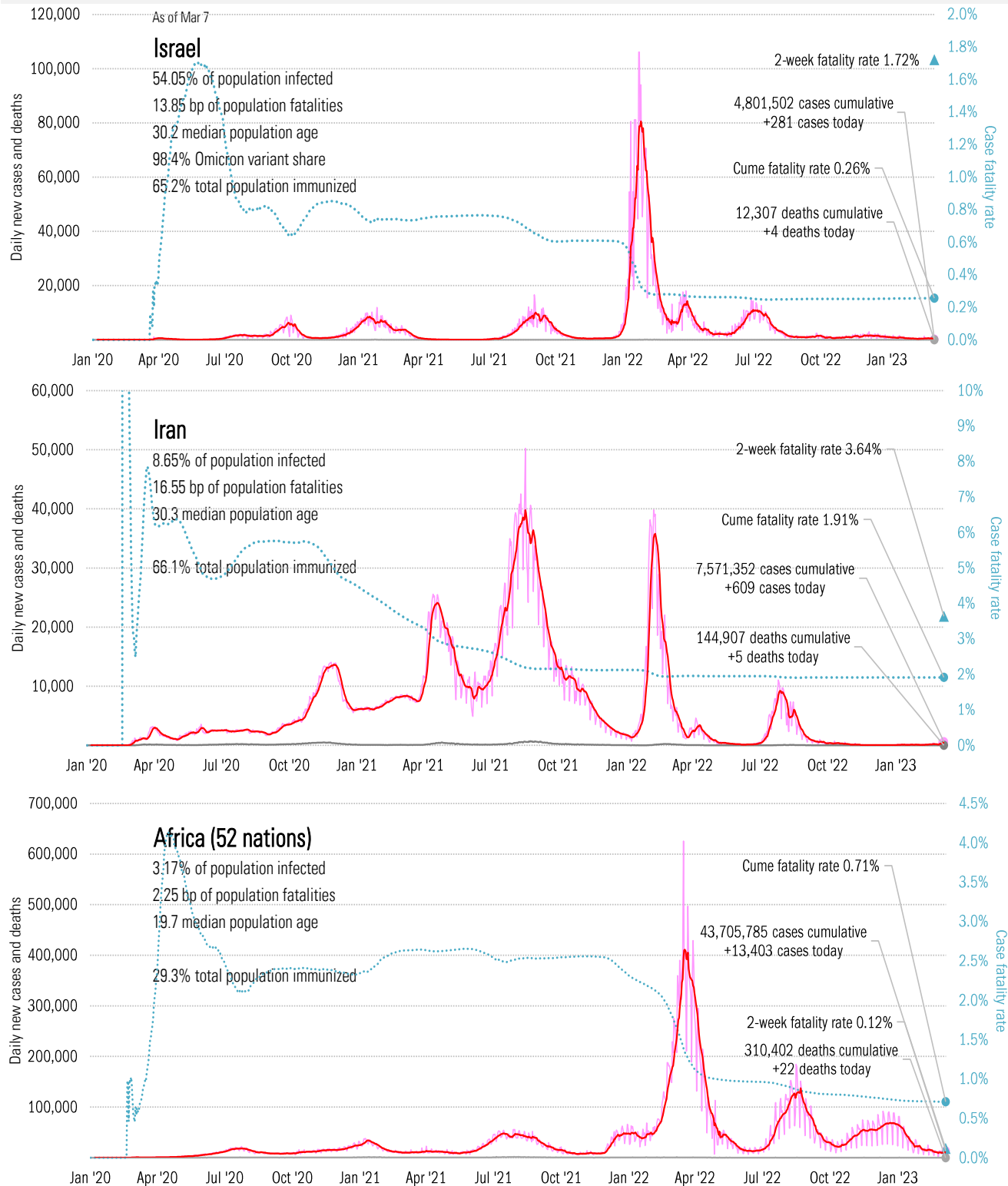
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

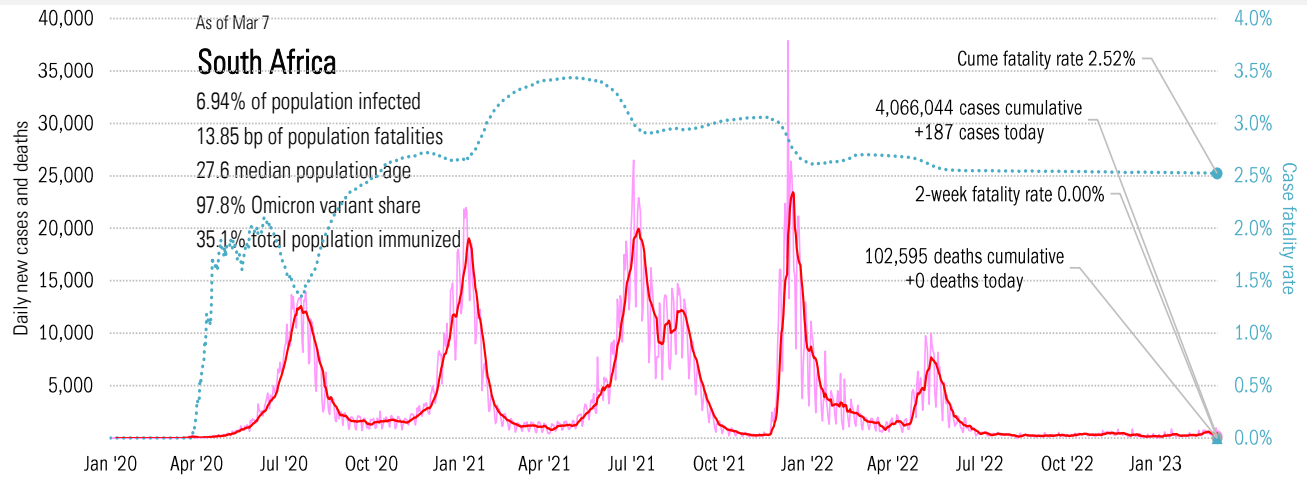
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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