

## Data Insights: Covid-2019 Monitor

Friday, March 3, 2023

### The global scorecard

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

**The worst ten countries** (see China note page 14)

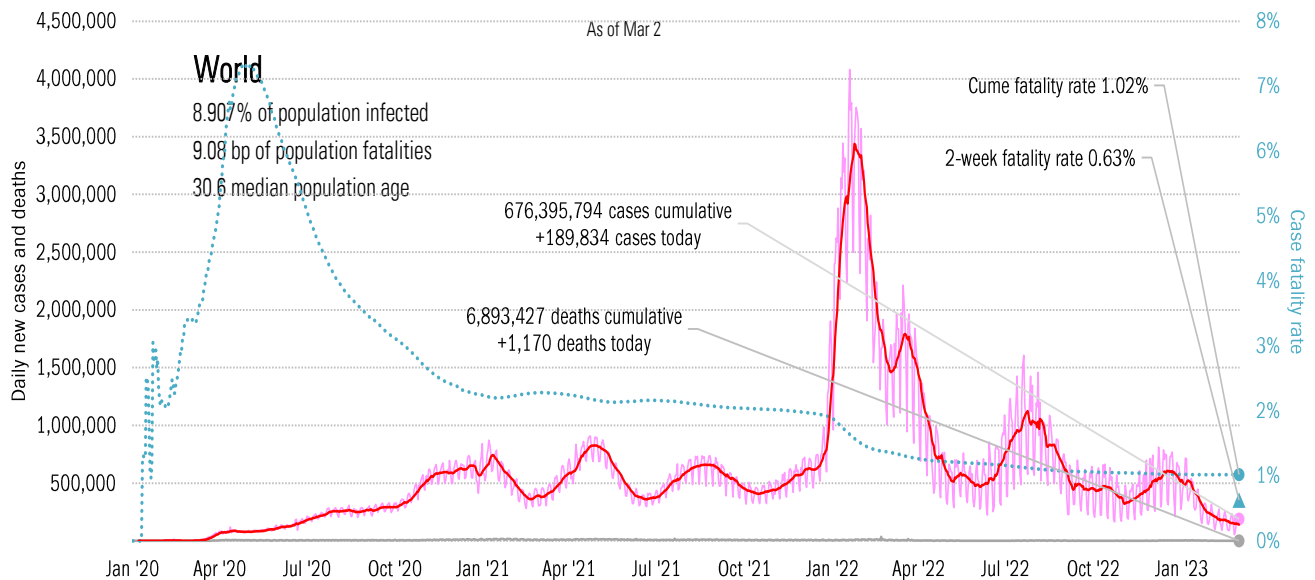
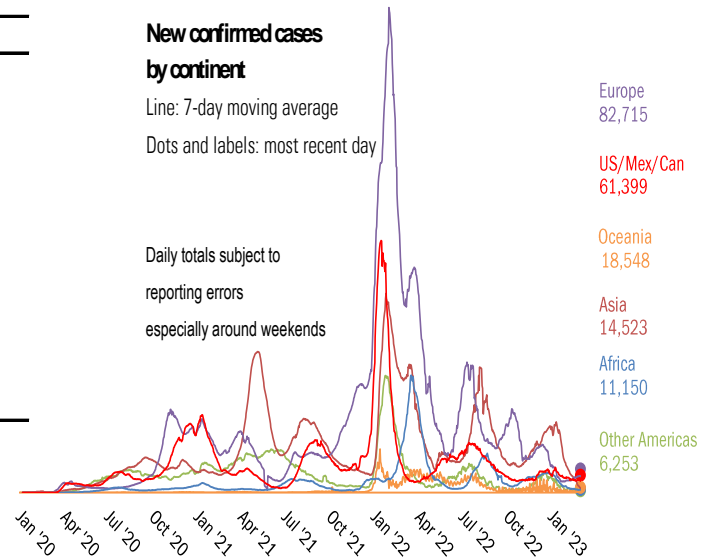
New cases		New Deaths	
United States	37,837	United States	480
Russia	14,012	Germany	121
Germany	12,617	Brazil	110
Japan	11,506	Japan	87
Brazil	10,528	Canada	81
Korea, South	10,408	Belgium	58
Belgium	10,140	Finland	44
Austria	6,532	Norway	38
Canada	4,661	Russia	38
Italy	4,205	Italy	35

**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:

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Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

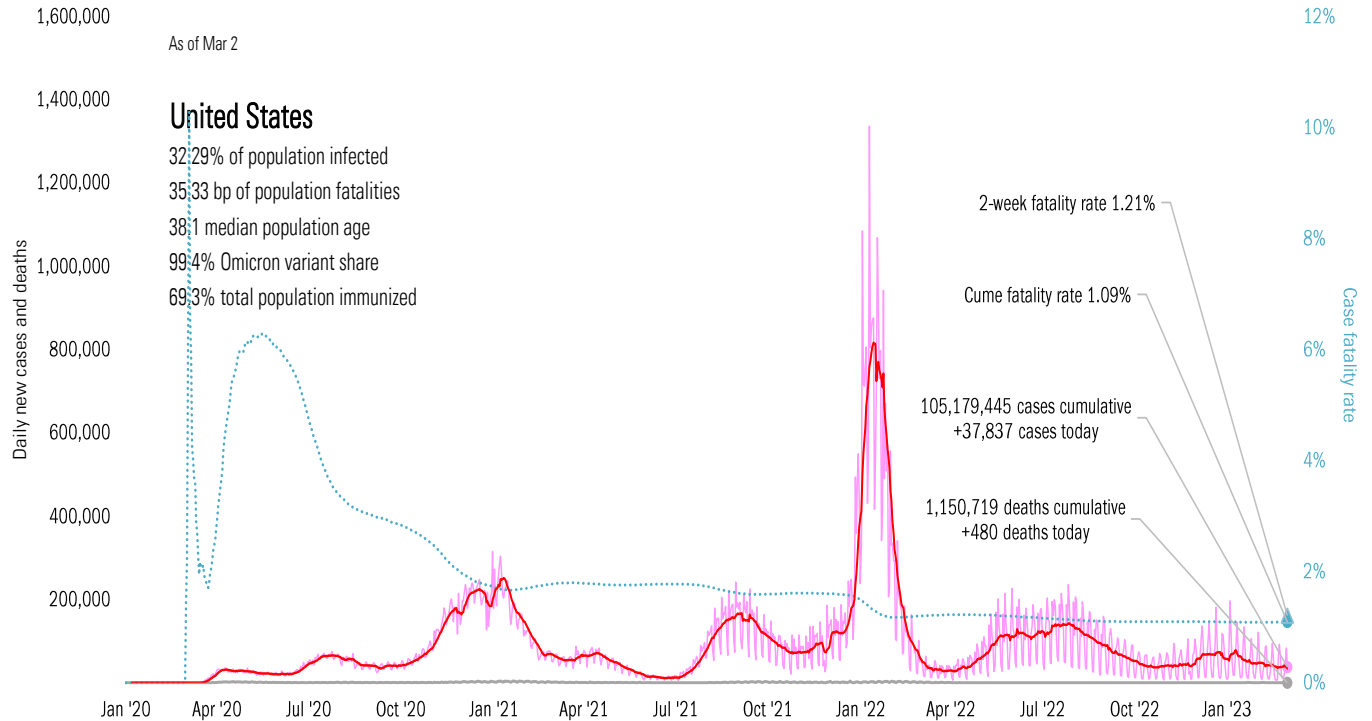
## The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	6,366		NY	38		NC	123		CA	12,106,080		CA	101,037		TX	589,615		MA	87%	AL	88%
MN	5,147		CA	30		FL	233		TX	8,453,813		TX	93,279		CA	569,113		DC	86%	TX	85%
NY	2,352		MI	20		MA	105		FL	7,528,420		FL	86,460		FL	533,587		DE	85%	WV	85%
IL	1,795		MA	17		NY	204		NY	6,785,164		NY	77,081		NY	355,154		RI	85%	DC	84%
CA	1,480		PA	16		CA	439		IL	4,072,972		PA	50,281		CH	244,637		WV	85%	NC	83%
CH	1,332		GA	14		UT	26		PA	3,520,813		GA	42,427		GA	242,582		MN	85%	MA	82%
PA	1,181		MD	11		AR	26		NC	3,467,226		MI	42,096		PA	231,031		CT	83%	AK	81%
NC	1,089		IL	11		AL	49		CH	3,392,320		CH	41,749		IL	214,185		AK	83%	CK	81%
MI	1,069		AR	10		MO	63		GA	3,065,390		IL	41,443		MI	180,937		WA	82%	AR	81%
NJ	981		AL	10		TN	66		MI	3,057,222		NJ	35,987		NJ	163,467		MO	82%	RI	81%
22,793			176			1,334			55,449,420			611,840			3,324,308						
All states	37,837		480			2,985			All states	105,179,445		1,150,719			6,022,328			All states	70%	67%	
Top ten	60%		37%			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	-2,076	TX	-9	TX	-51
KY	-219	NH	-4	CA	-50
WI	-76	CO	-3	IL	-49
CT	-32	MD	-3	IN	-42
AK	0	NJ	-3	CO	-34

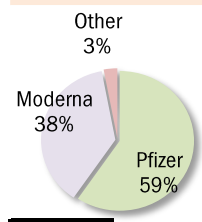


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

# Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered Doses	Cumulative		Today		Immunity	Full	Partial	
	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%



**State**

At least partial immunity as % population

Full immunity as % population

\*Immunity\* = two doses

Best (Blue)

Middle (Purple)

Worst (Red)

**AK**

73.0%

65.1%

**WI**

75.2%

68.2%

**ME**

95.0%

83.4%

As of Mar 3

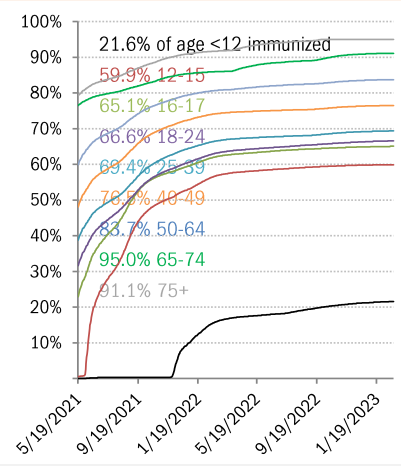
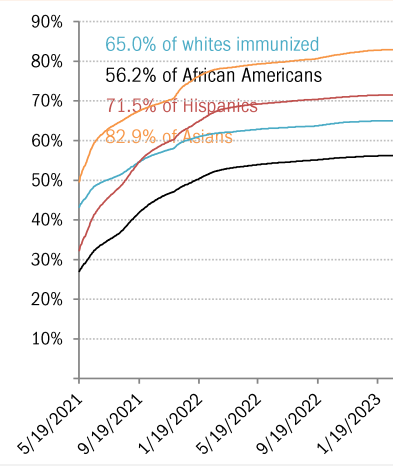
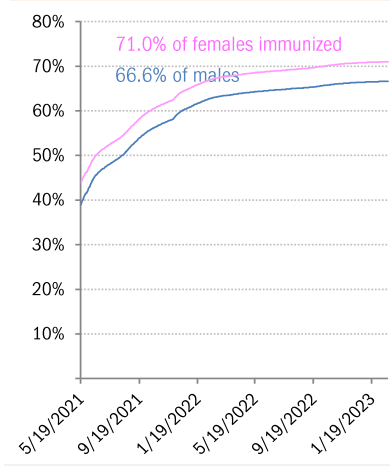
WA: 85.3% / 76.1%	ID: 64.0% / 56.5%	MT: 68.3% / 59.2%	ND: 69.4% / 58.7%	MN: 78.9% / 72.2%	IL: 79.2% / 71.4%	MI: 69.5% / 62.3%	NY: 94.5% / 80.8%	VT: 95.0% / 85.8%	NH: 88.2% / 72.0%	
OR: 81.7% / 72.4%	NV: 77.7% / 63.7%	WY: 60.9% / 53.0%	SD: 84.0% / 66.3%	IA: 70.7% / 64.4%	IN: 64.4% / 57.8%	OH: 65.8% / 60.5%	PA: 90.7% / 73.4%	NJ: 94.7% / 79.2%	MA: 95.0% / 84.3%	
CA: 84.8% / 74.7%	UT: 75.4% / 66.8%	CO: 83.7% / 73.5%	NE: 73.4% / 66.3%	MO: 69.4% / 59.1%	KY: 68.9% / 59.6%	WV: 67.5% / 59.7%	VA: 91.0% / 76.6%	MD: 91.8% / 79.8%	CT: 95.0% / 83.1%	RI: 95.0% / 87.8%
	AZ: 77.9% / 66.1%	NM: 94.5% / 75.2%	KS: 76.3% / 65.4%	AR: 69.9% / 56.9%	TN: 64.4% / 56.3%	NC: 92.3% / 67.2%	SC: 71.0% / 59.9%	DC: 95.0% / 90.5%	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: 68.4% / 57.3%			
			TX: 76.5% / 63.3%					FL: 82.5% / 69.4%		PR: 90.9% / 84.1%

**HI**

91.5%

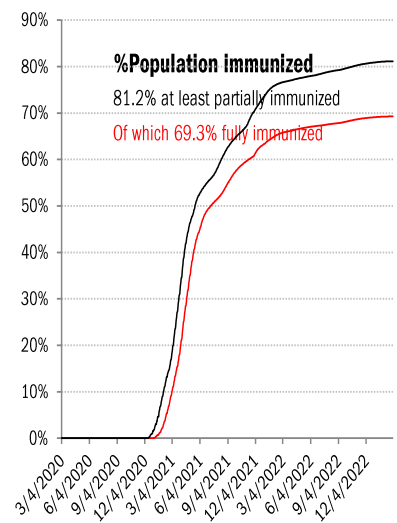
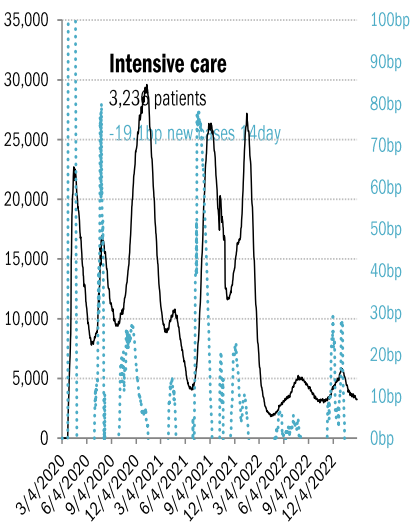
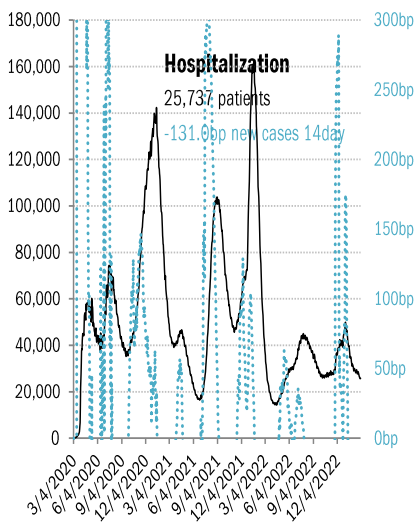
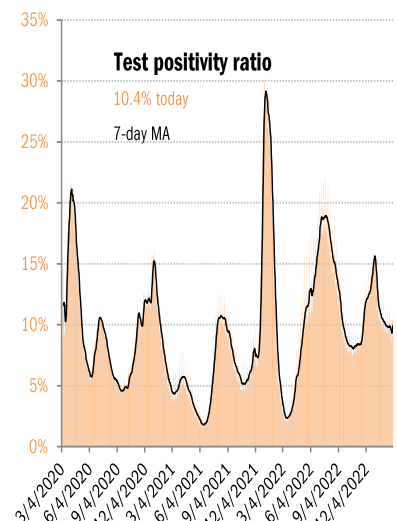
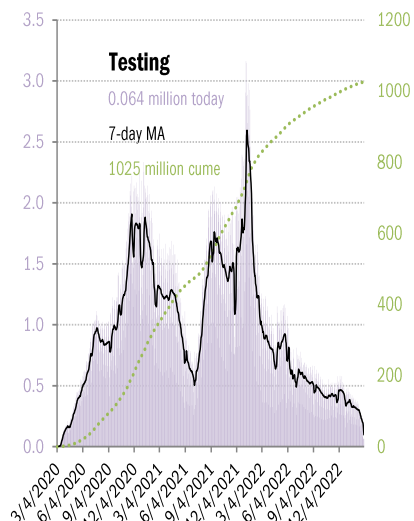
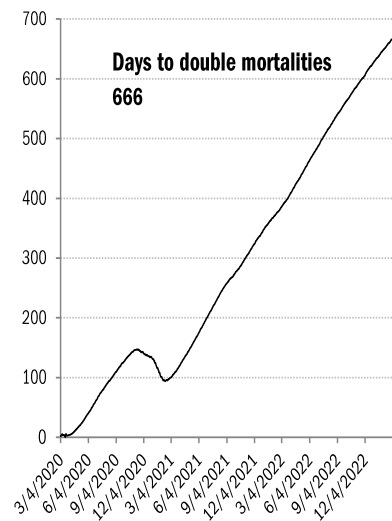
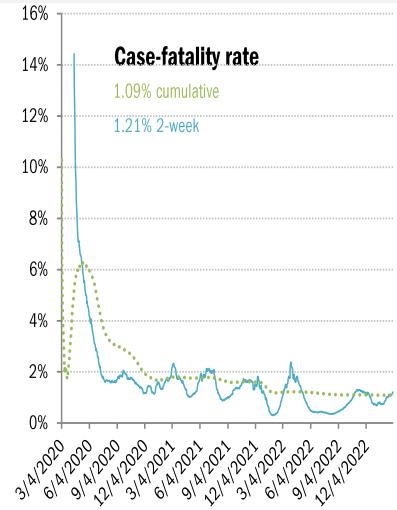
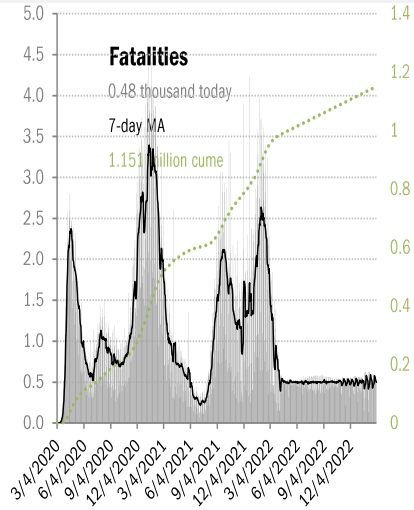
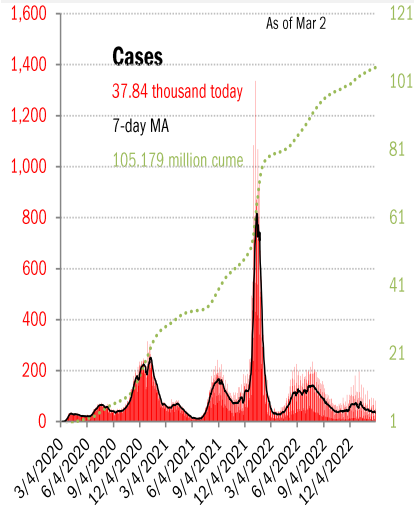
81.5%

## The demographics of US vaccination

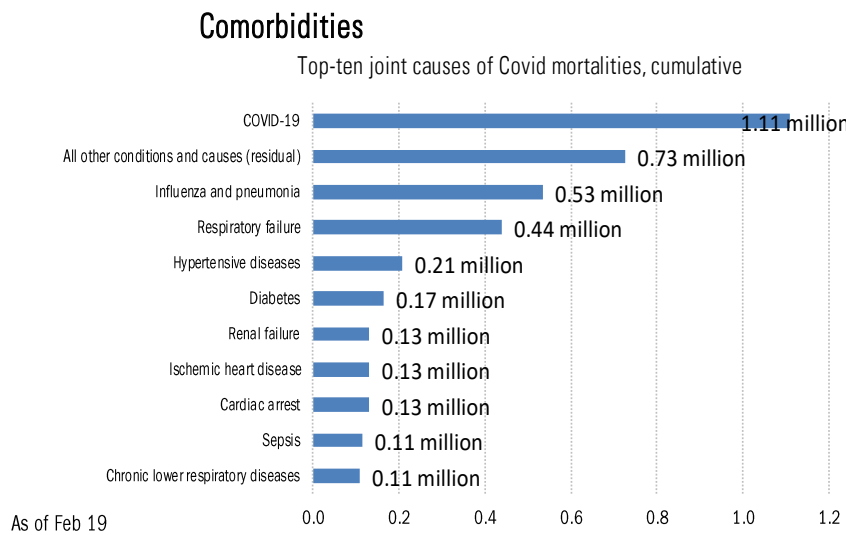
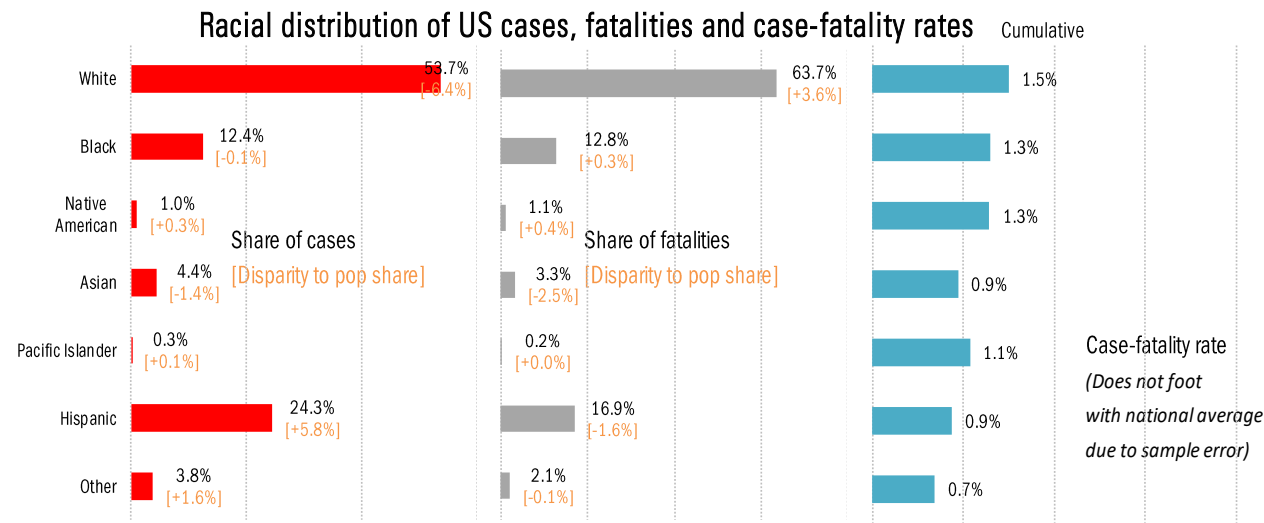
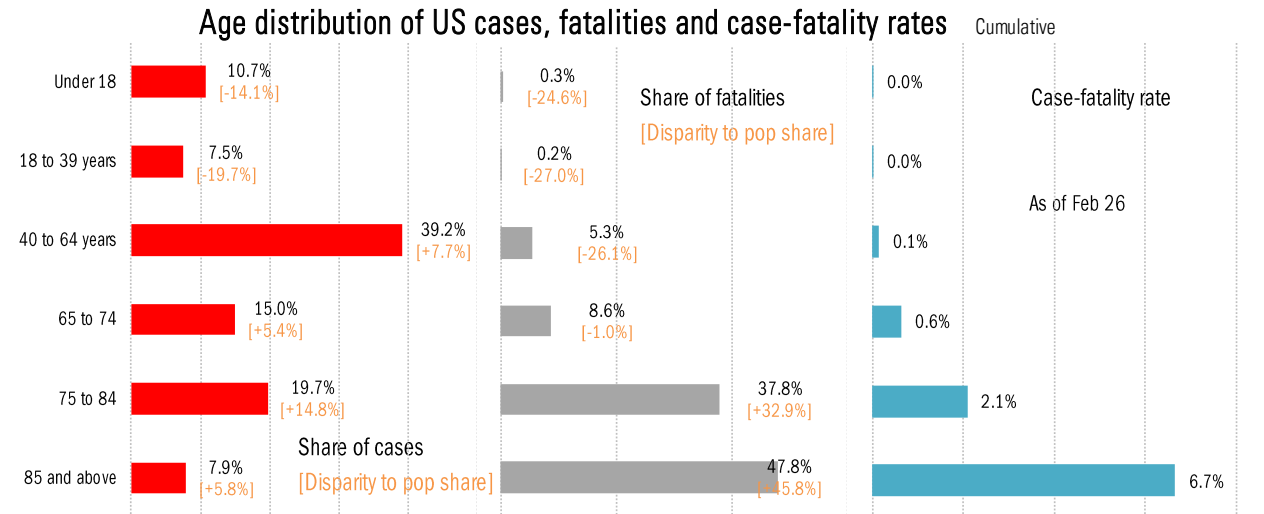


Source: CDC, CDC, Our World in Data, TrendMacro calculations

# US deep-dive



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



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

[Biden pushes for \\$1.6B funding for pandemic fraud measures](#)

Geoff Mulvihill

*AP*

March 2, 2023

[Wuhan Smoking Gun](#)

Scott Johnson

*Power Line Blog*

March 2, 2023

[The case for the lab-leak theory grows stronger by the day](#)

Matt Ridley

*Spiked!*

February 27, 2023

[Discovery of a novel merbecovirus DNA clone contaminating agricultural rice sequencing datasets from Wuhan, China](#)

Adrian Jones et al.

*medRxiv*

February 20, 2023

[Harvard professor of medicine hilariously trolls 'vaccine fanatics' when natural immunity comes up during House roundtable on COVID policies](#)

Dave Urbanski

*The Blaze*

March 1, 2023

[Pfizer/BioNTech seeks U.S. nod for updated COVID vaccine as booster in kids under 5](#)

*Reuters*

March 1, 2023

[Actor Woody Harrelson Faces Backlash After Joking on SNL About Big Pharma Cartel Pushing Drugs](#)

Debra Heine

*American Greatness*

February 27, 2023

## Meme of the Day

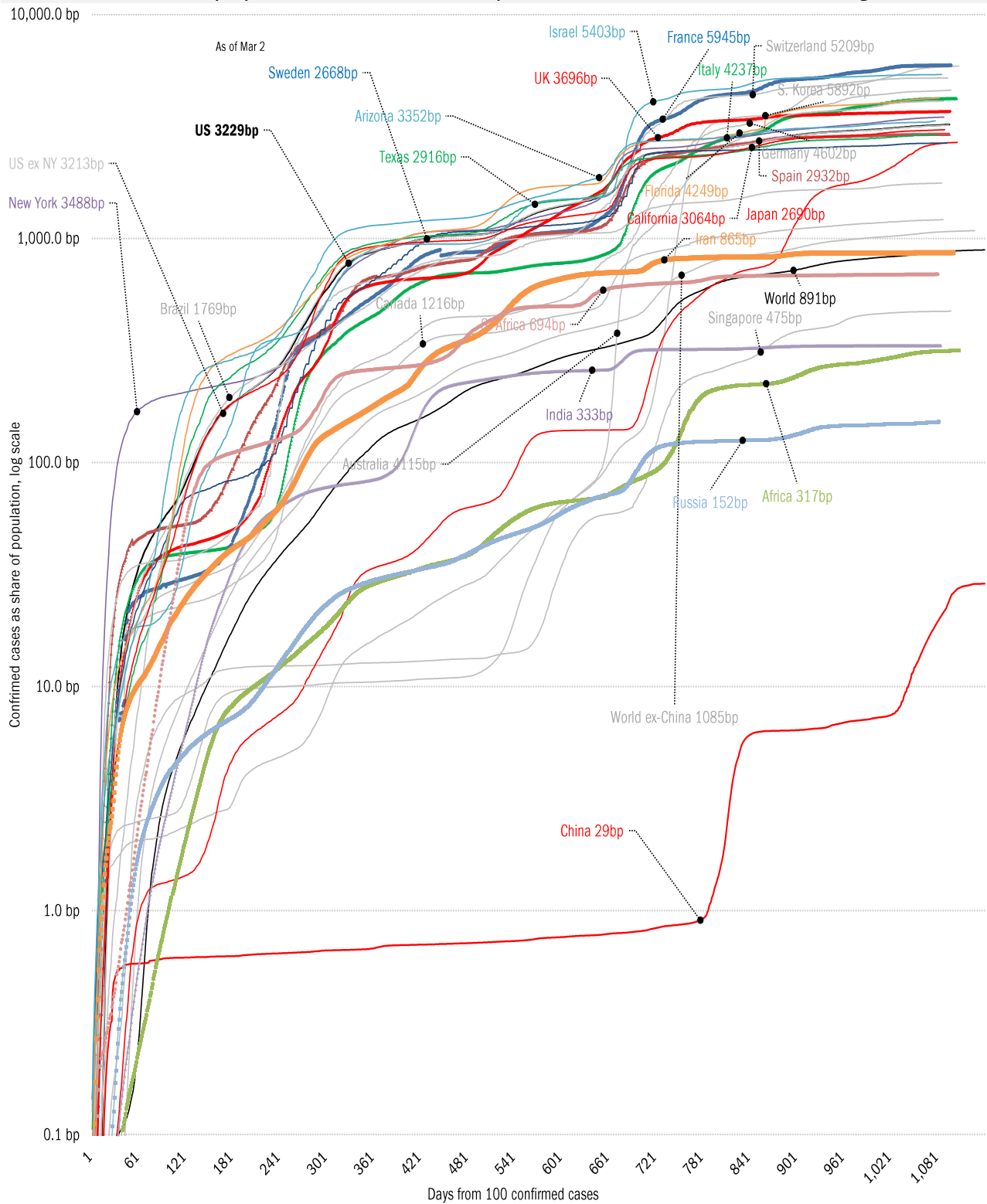


Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)



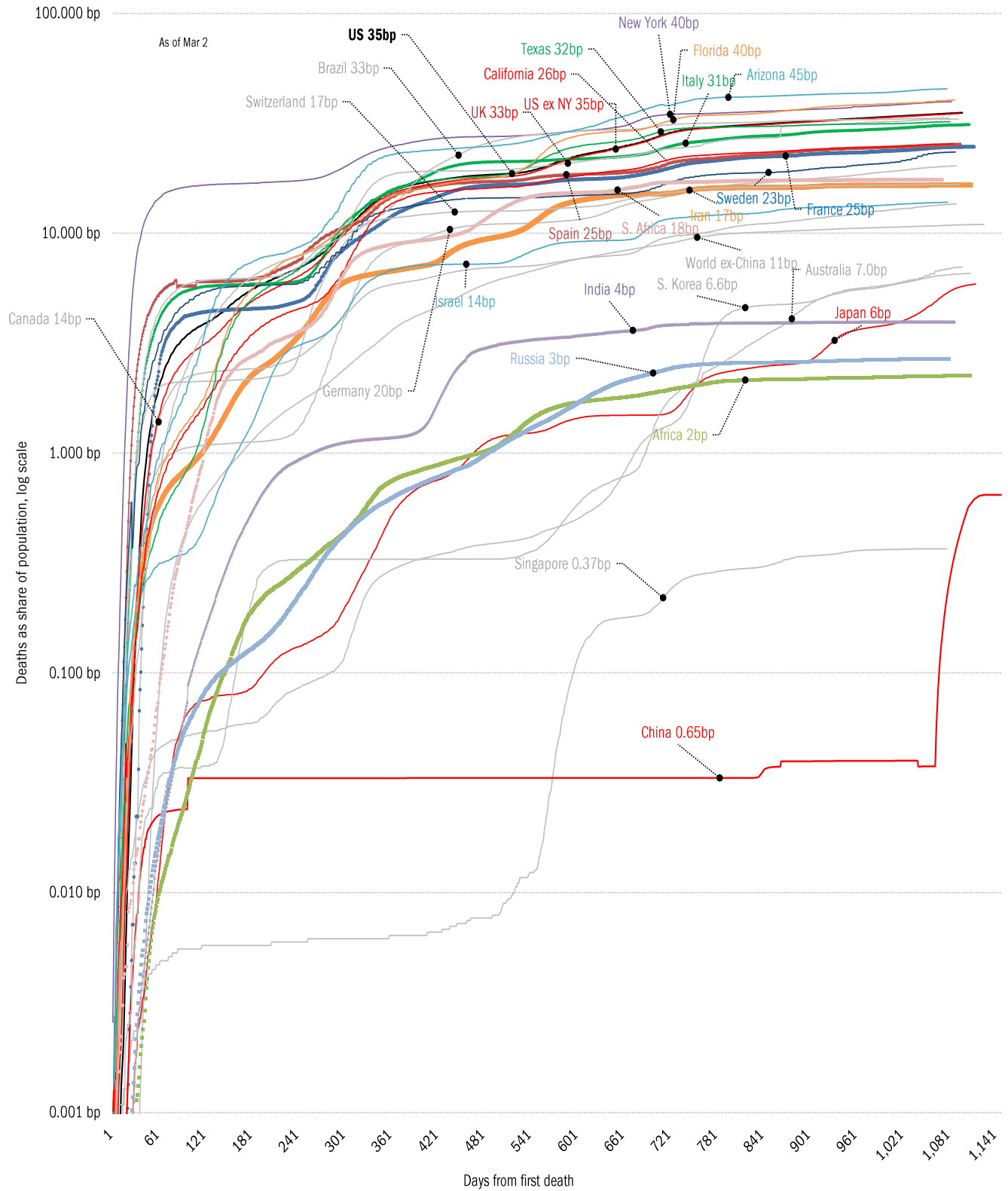
# The global coronavirus case accelerometer... tracking the world's infection curves

*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*



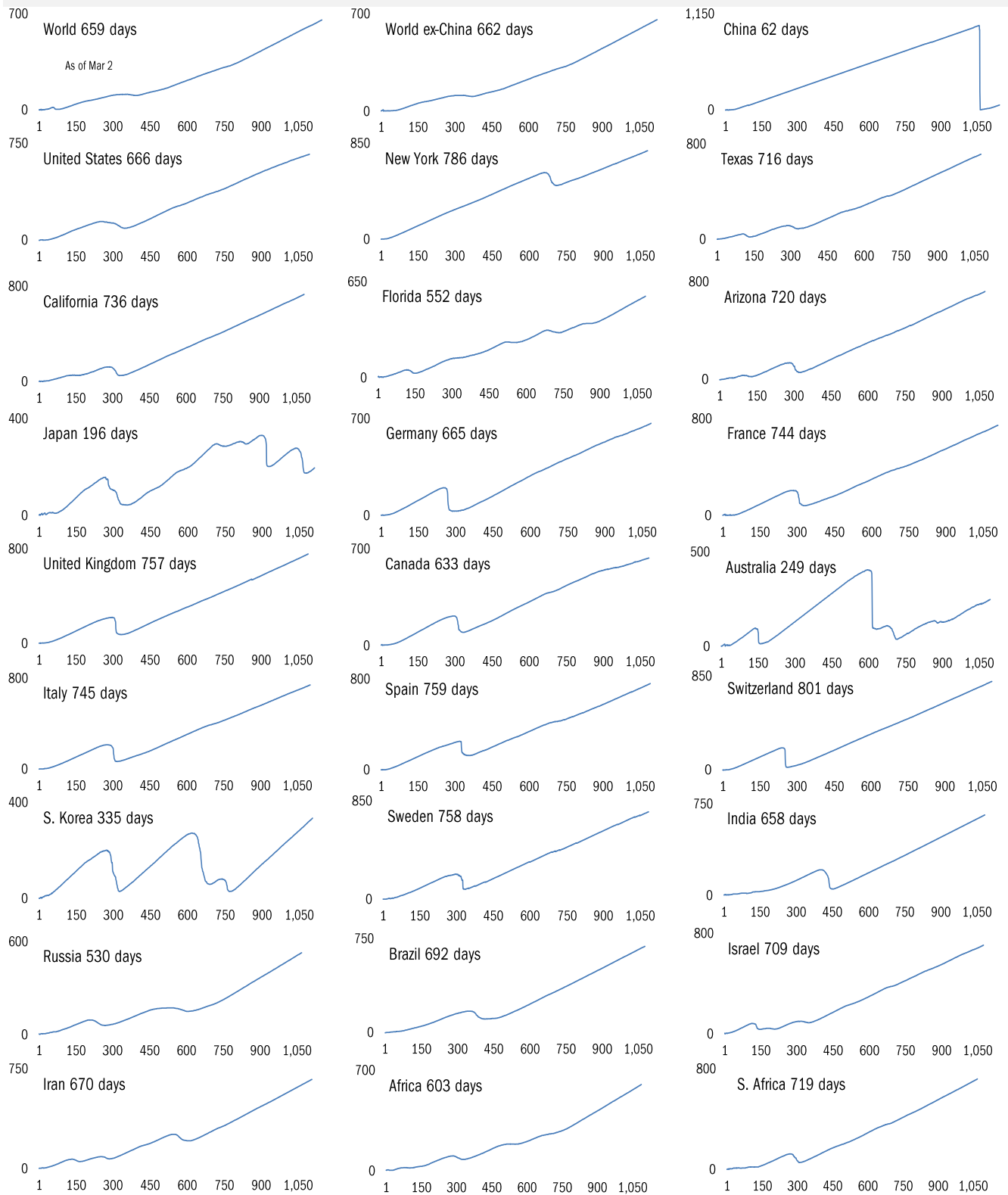
Source: [Johns Hopkins](#), TrendMacro calculations



# 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

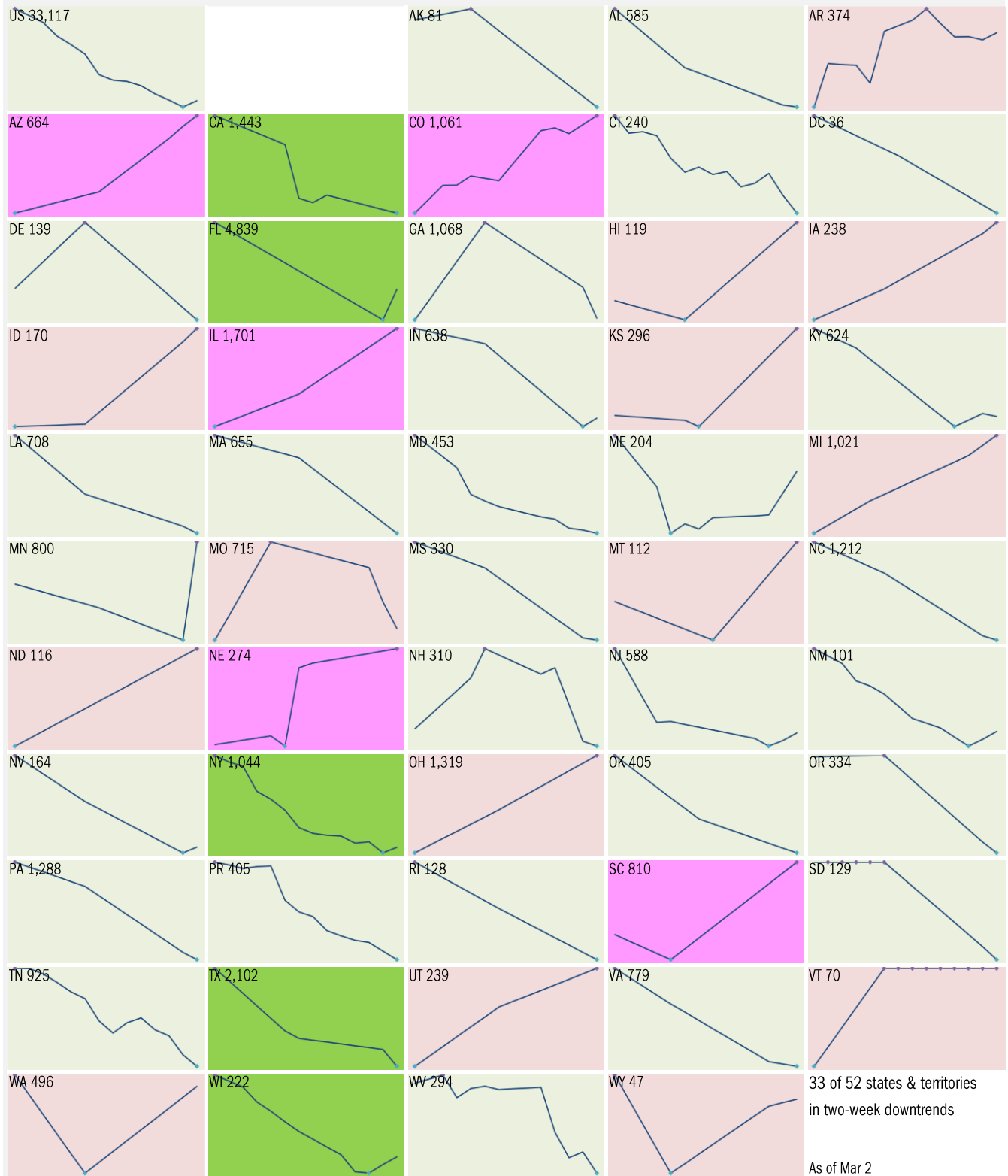


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

# 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

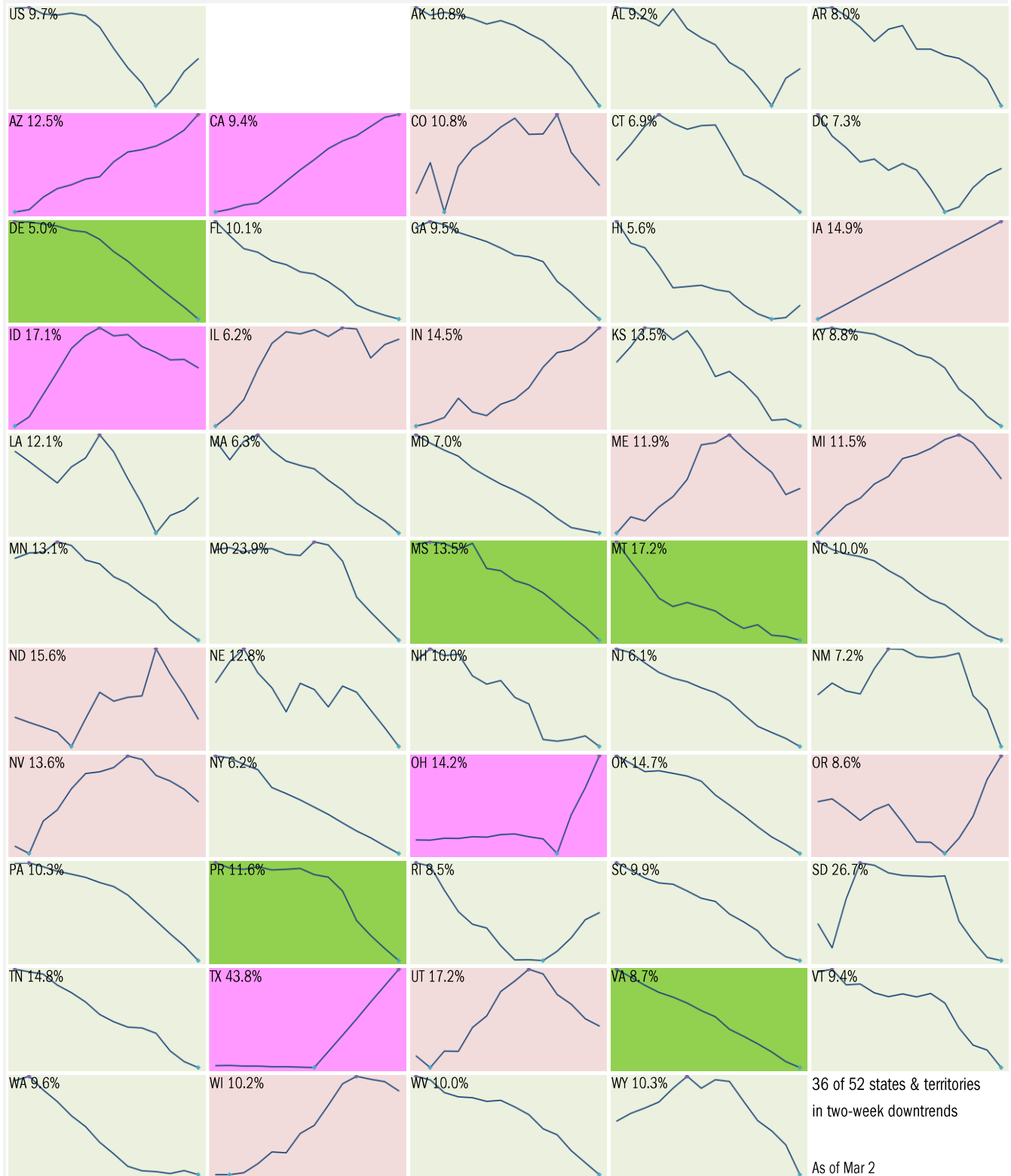


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

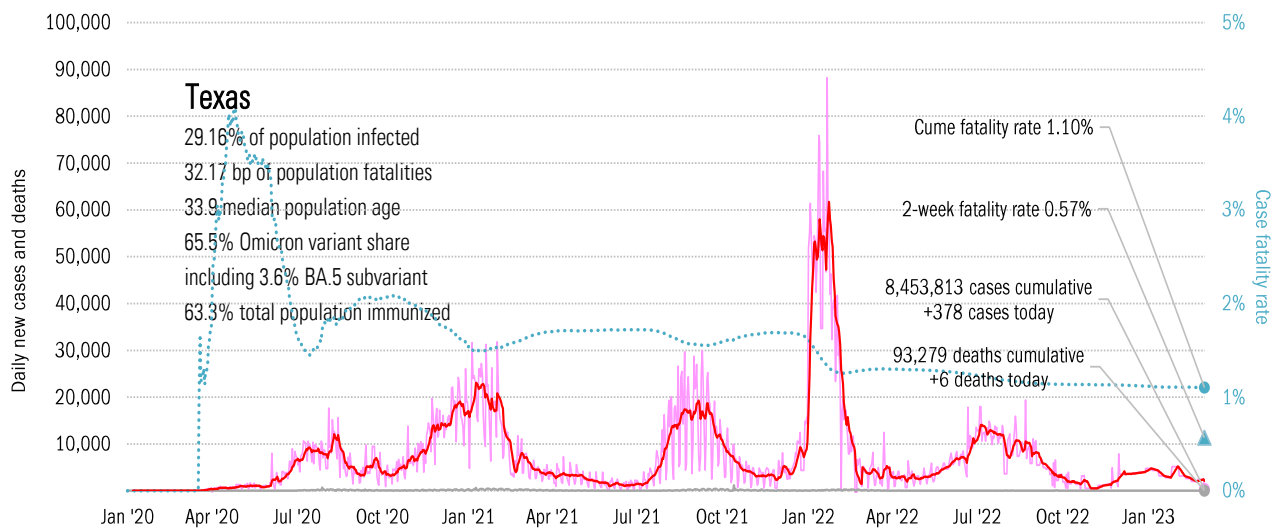
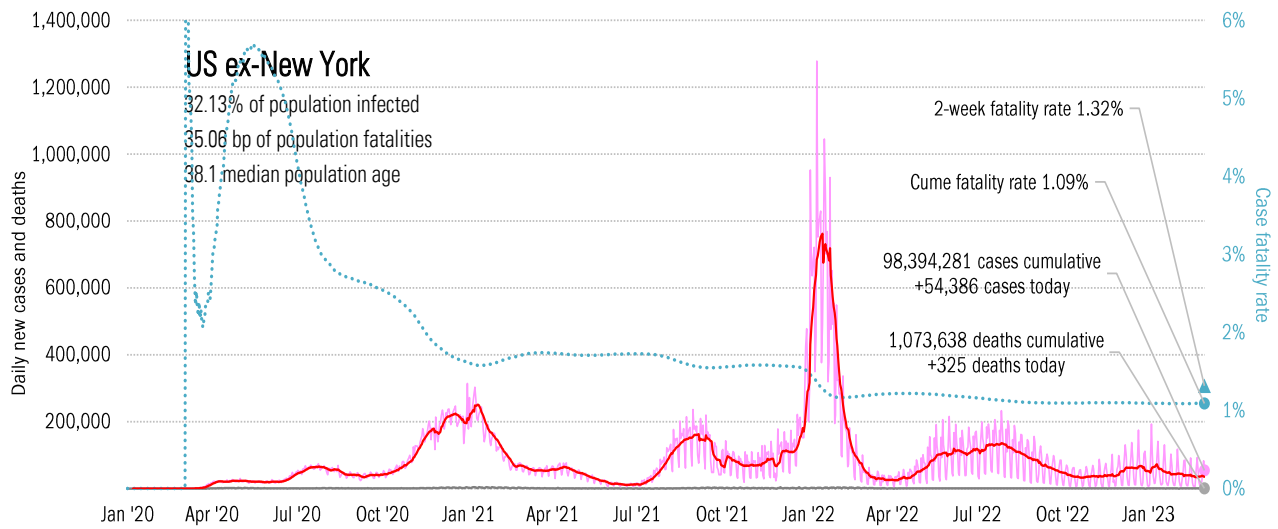
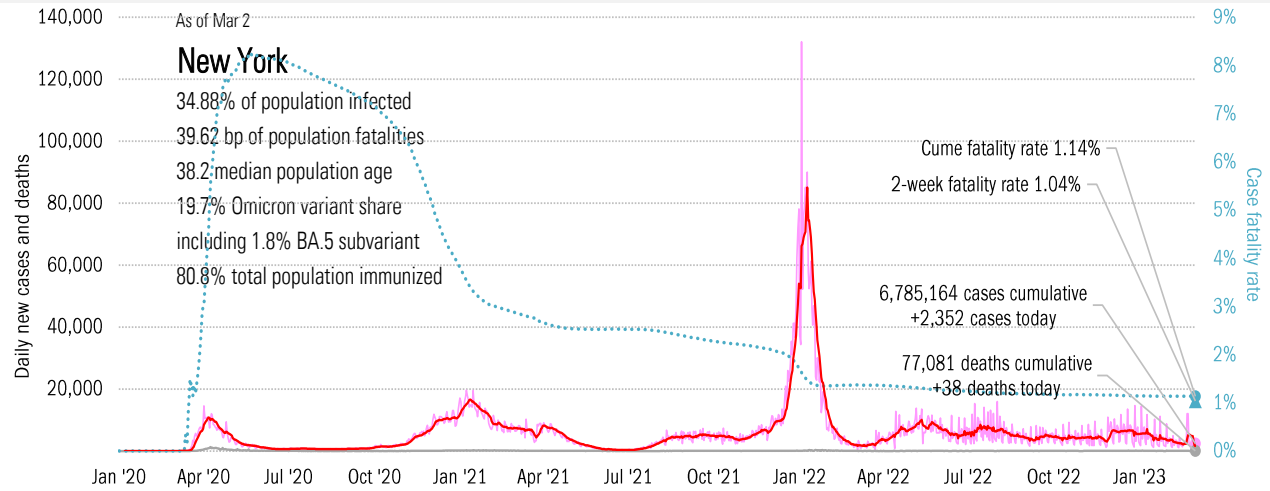
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

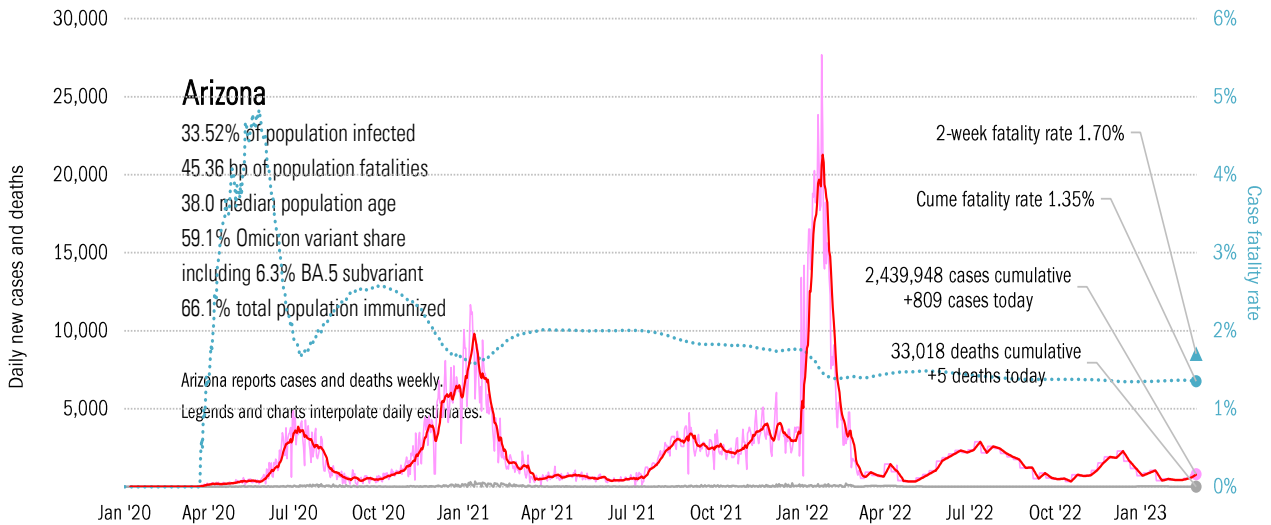
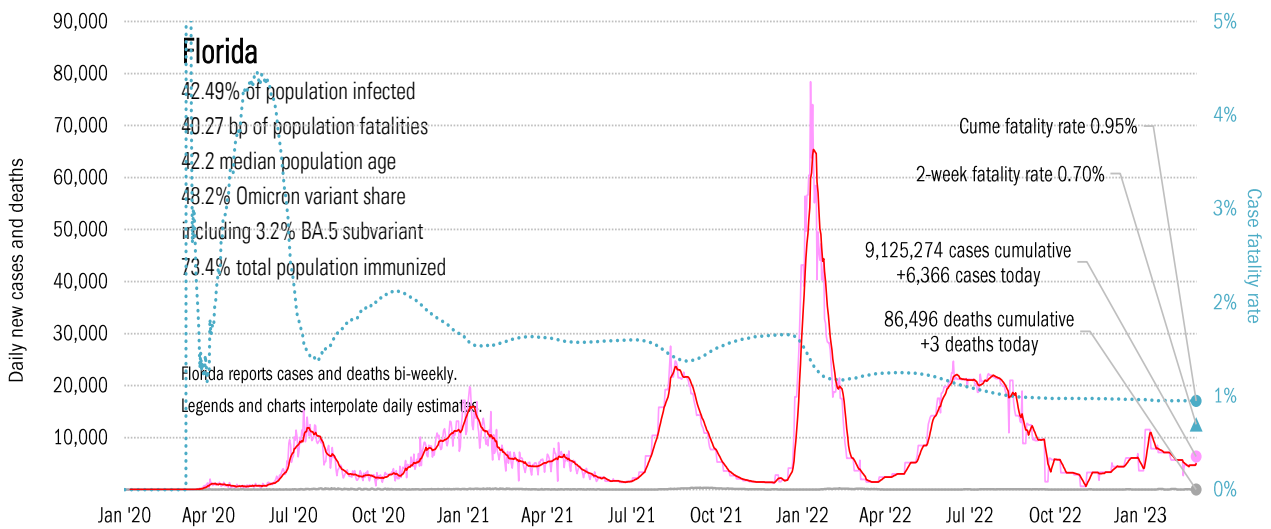
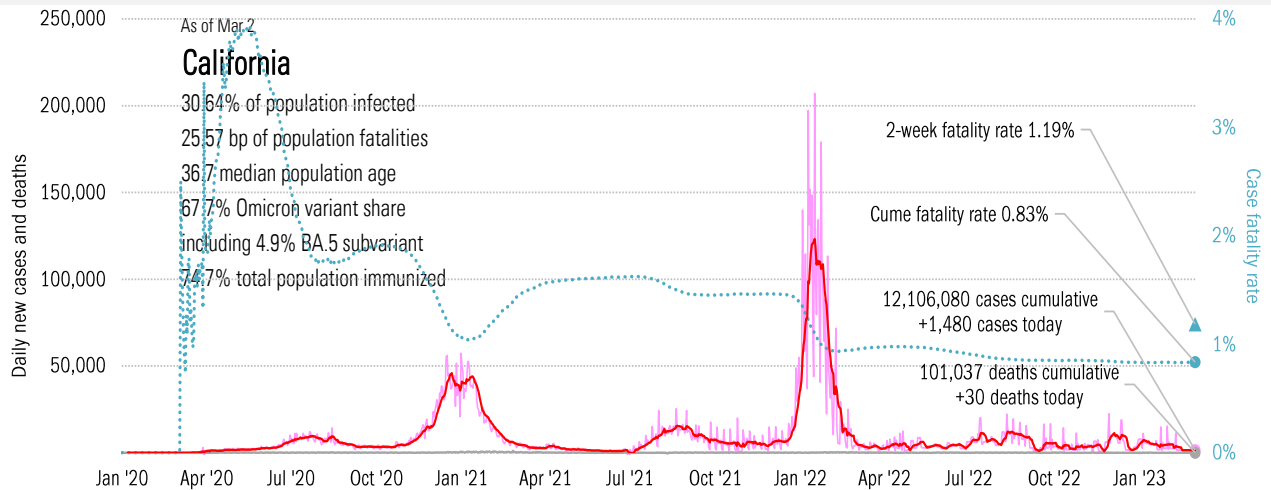
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

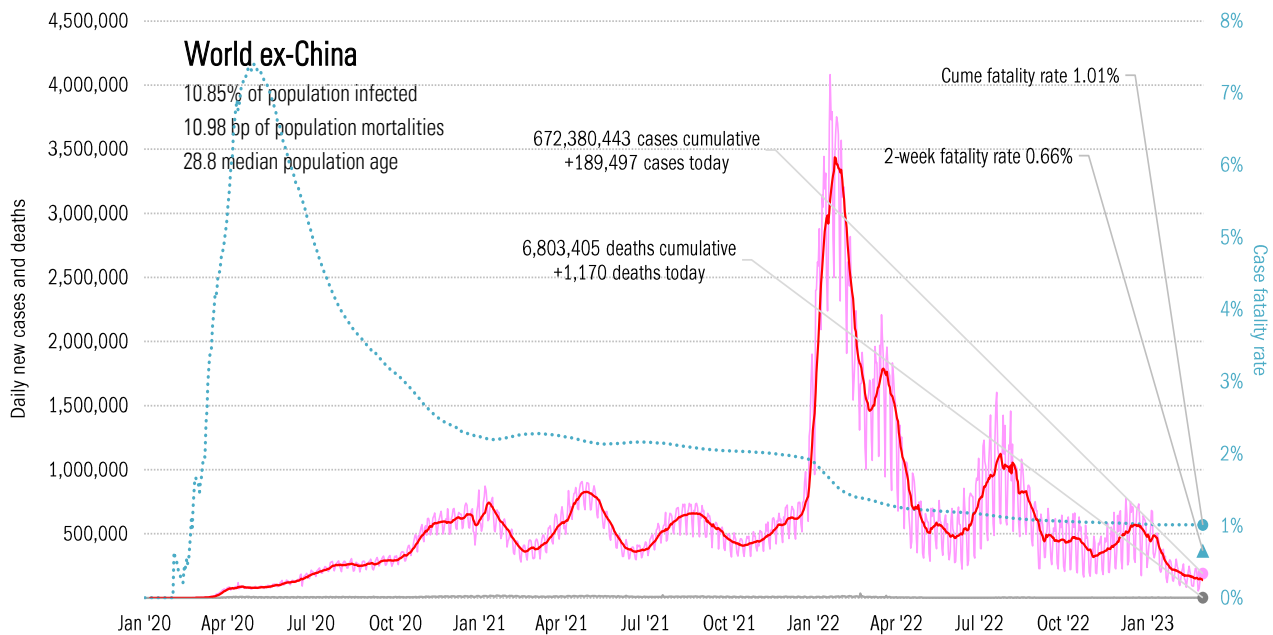
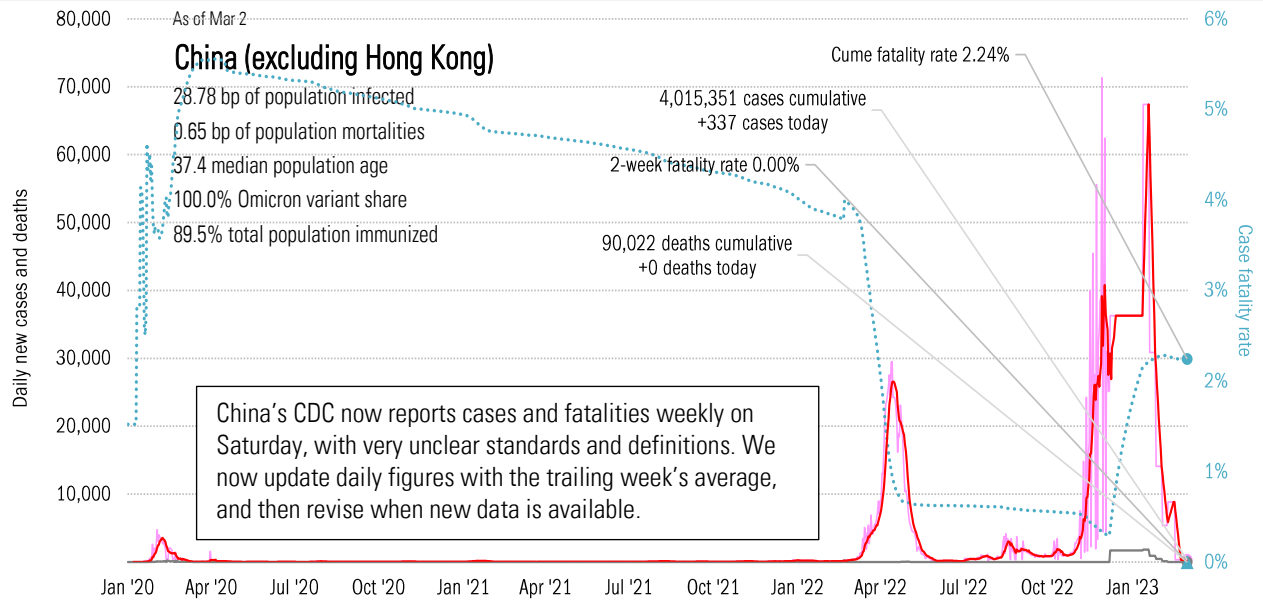
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

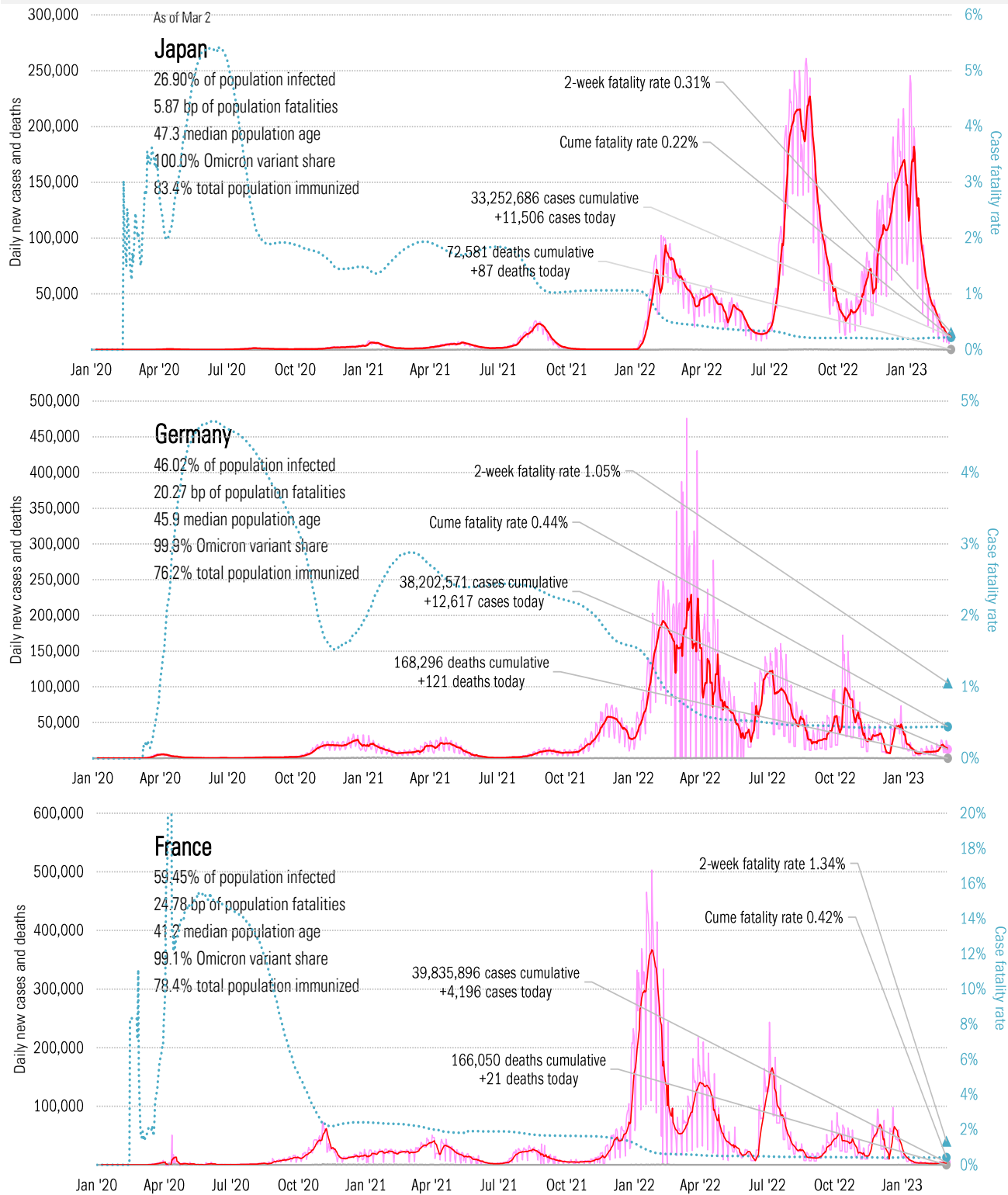
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

Cases: 7-day average and daily Deaths: Daily

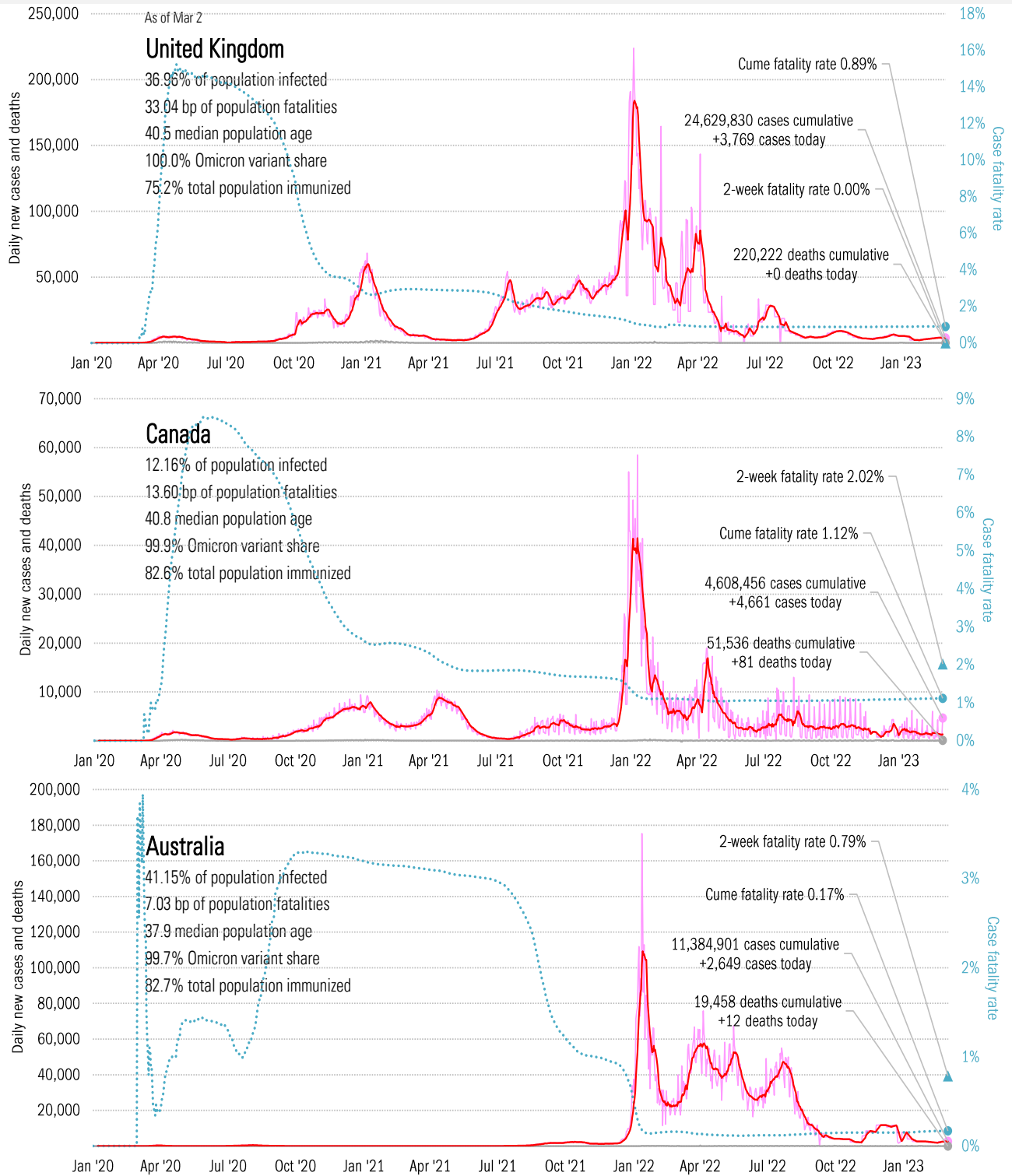


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in The Anglosphere

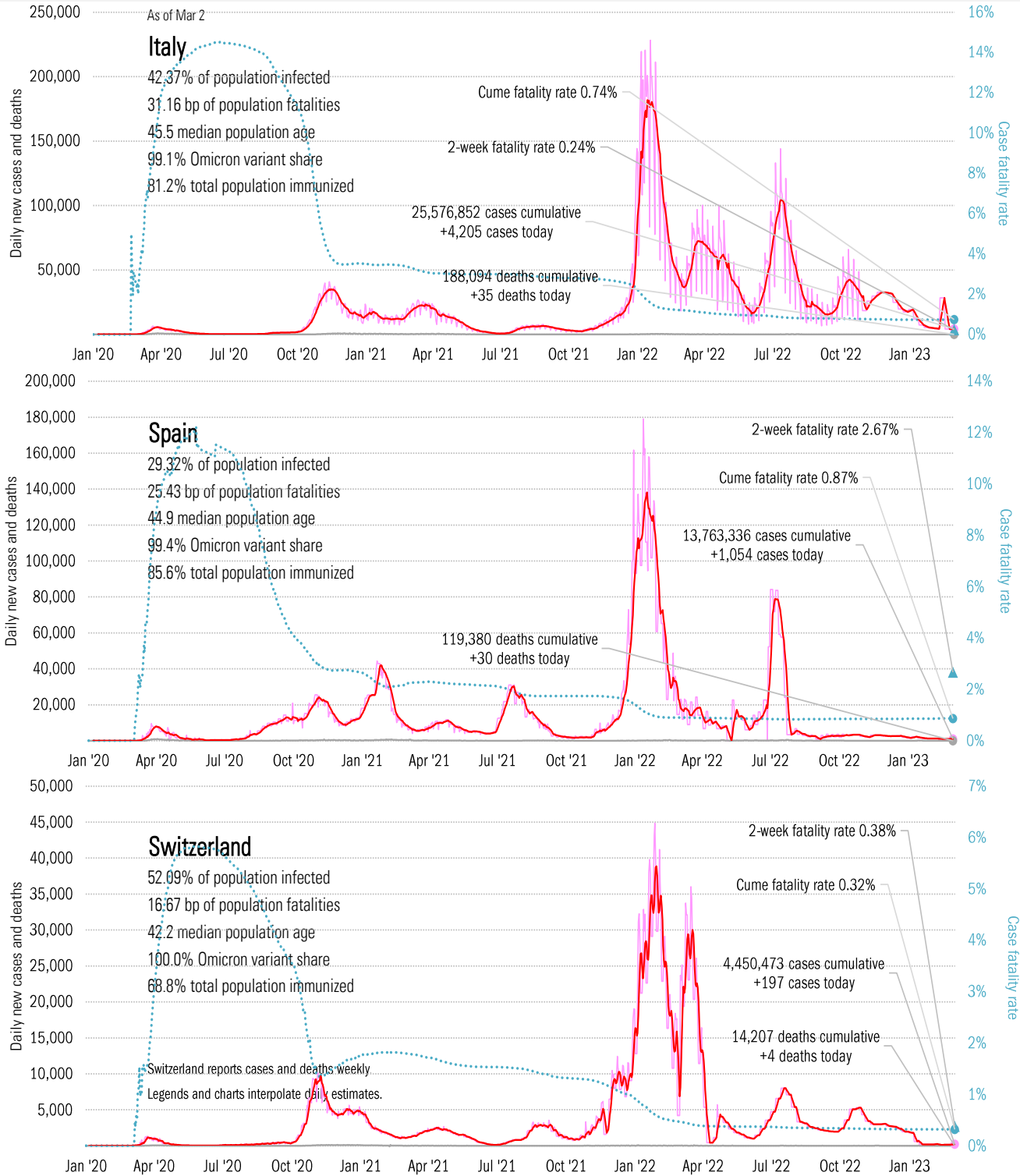
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

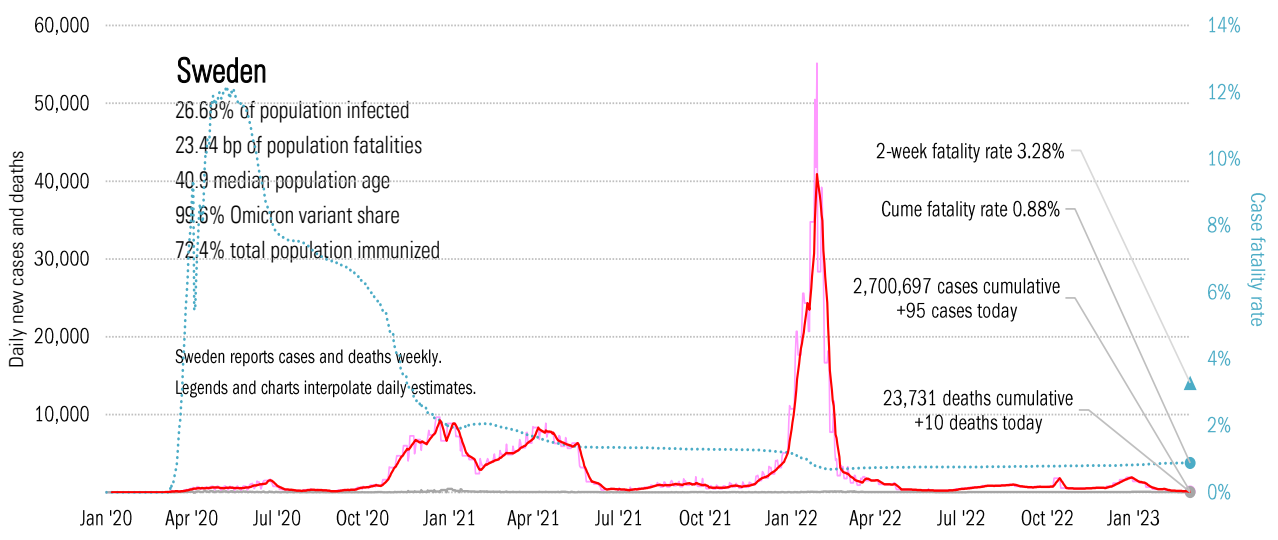
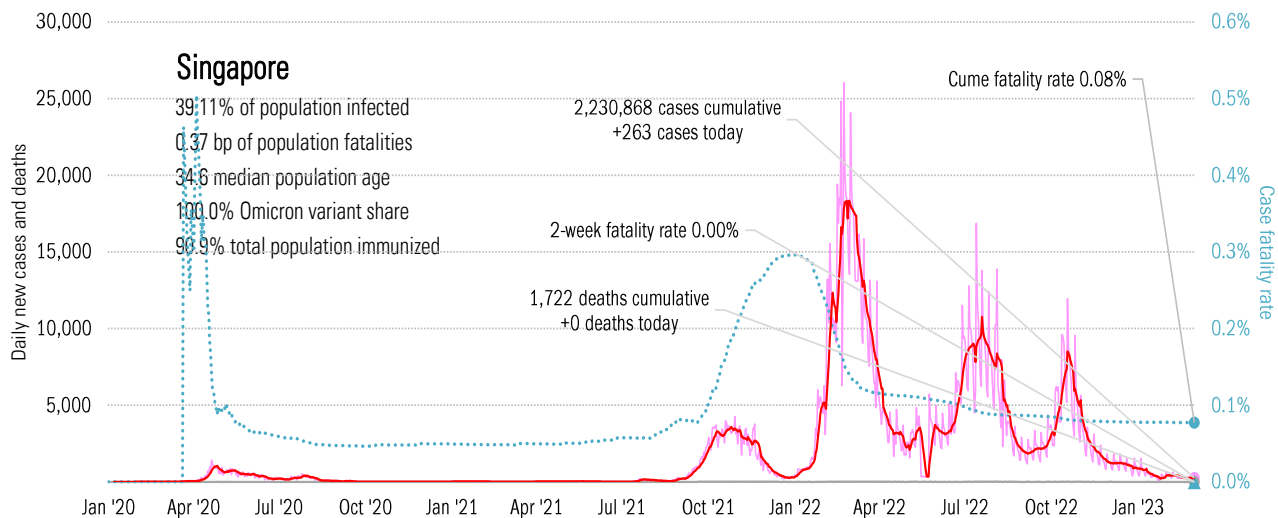
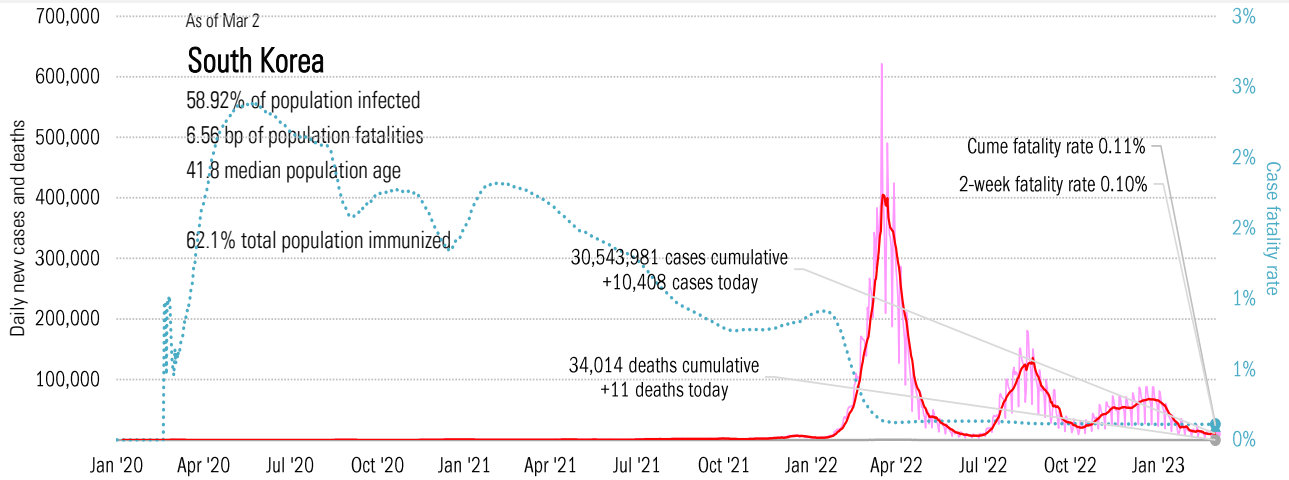
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

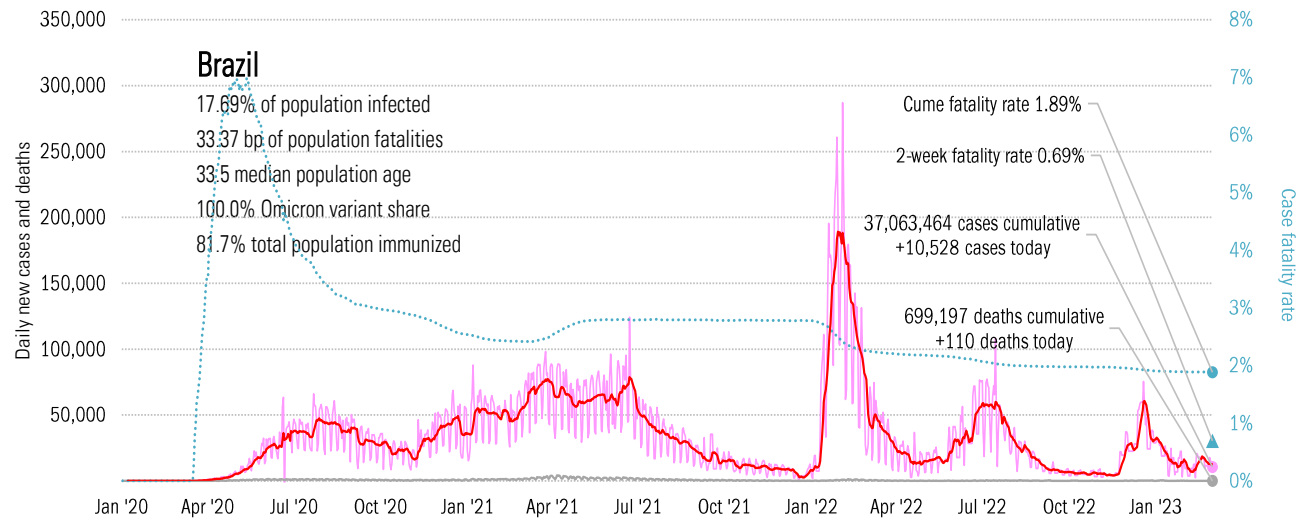
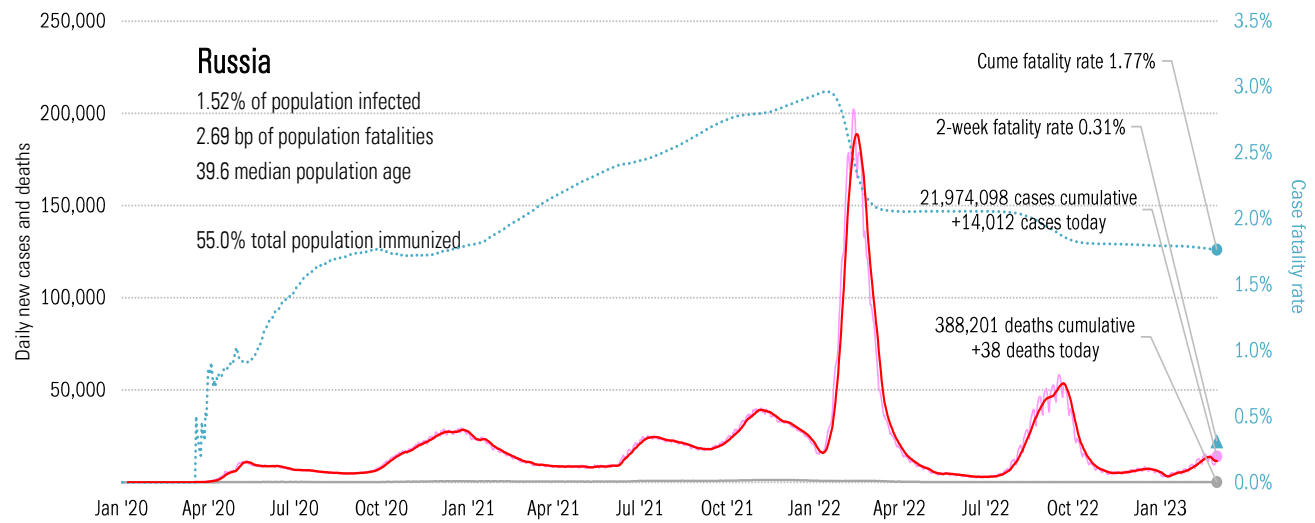
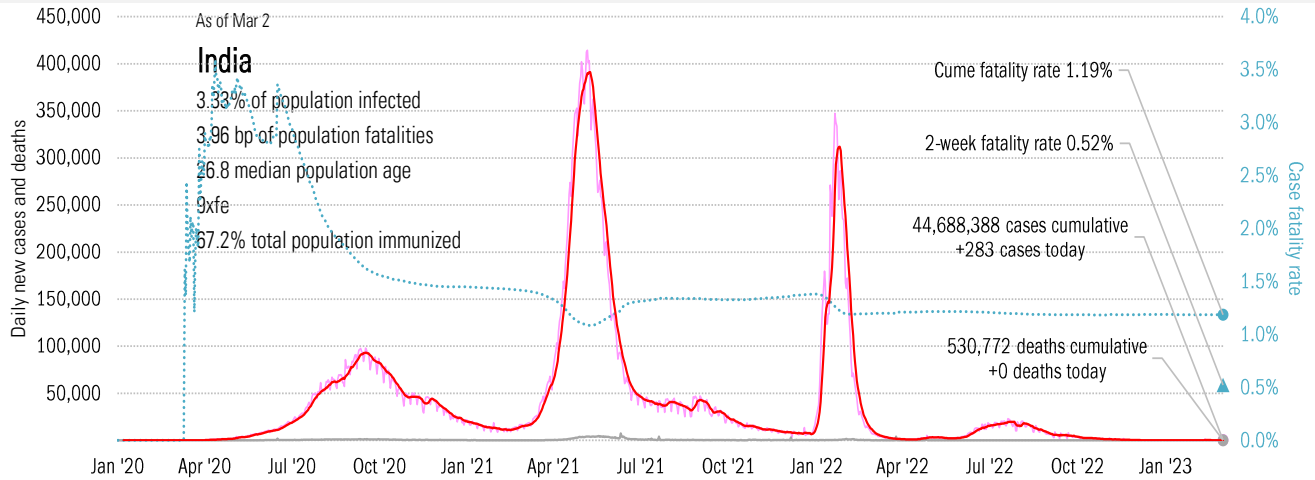
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

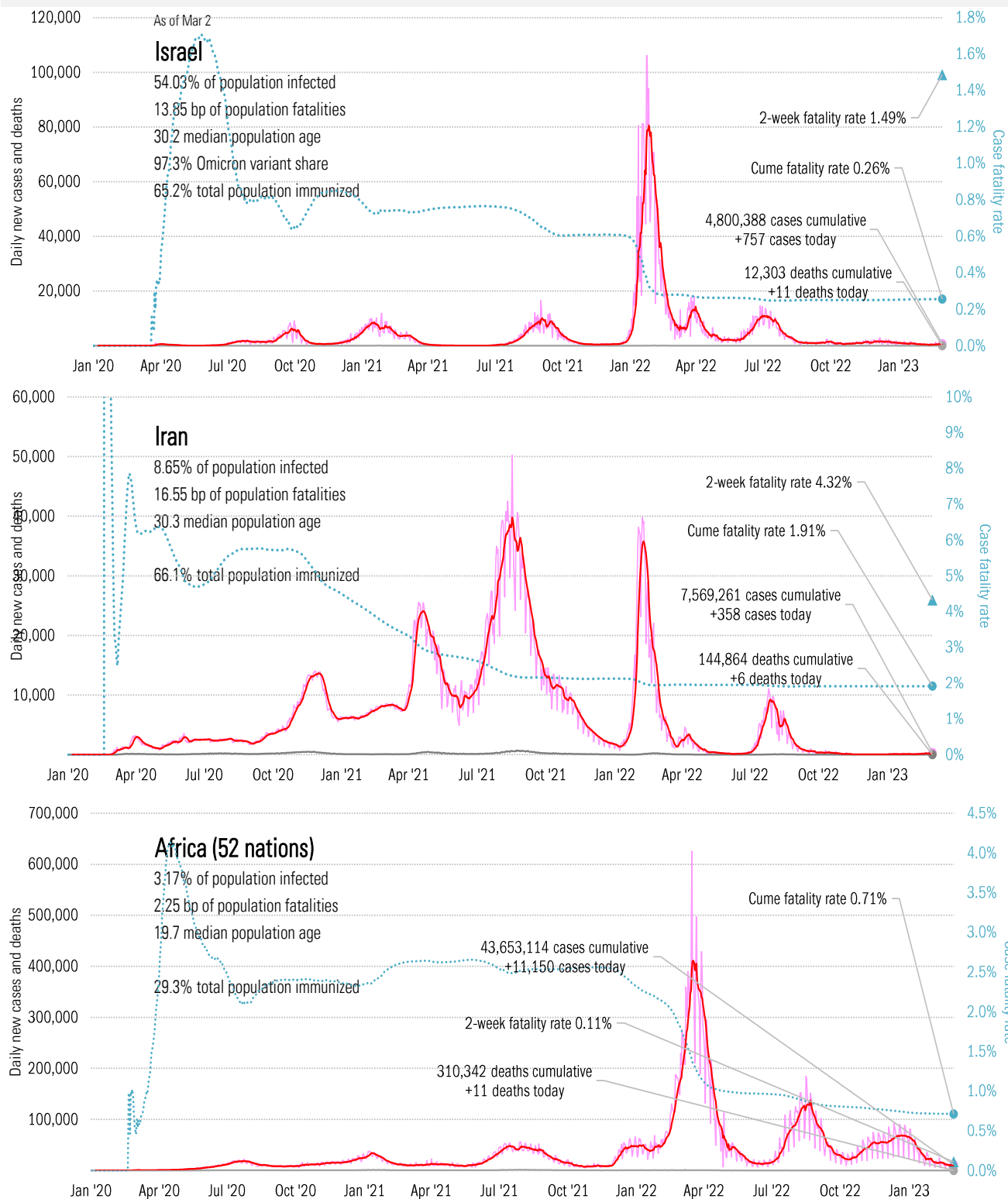
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

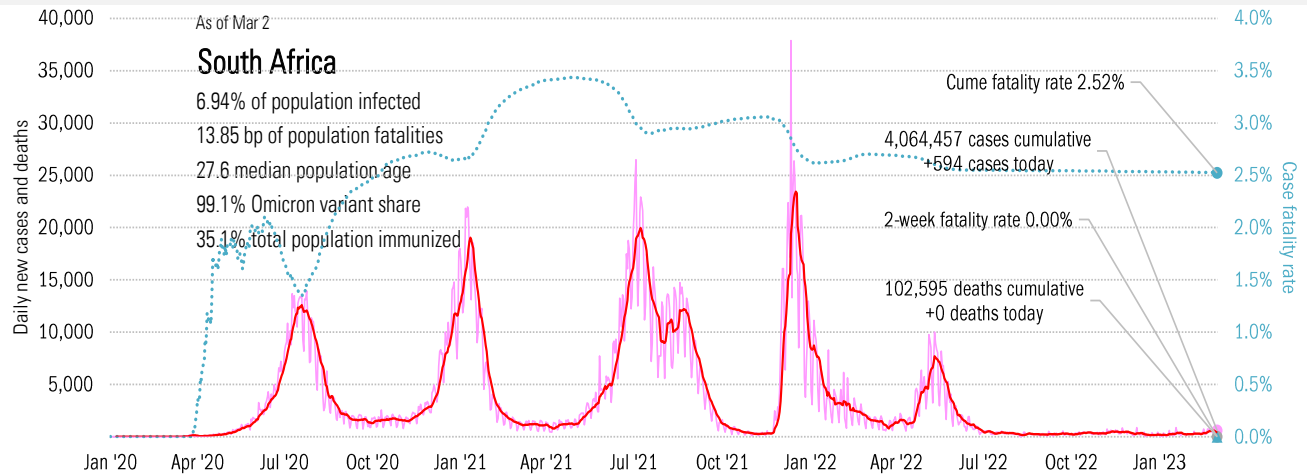
Cases: **7-day average** and **daily** Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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