

## Data Insights: Covid-2019 Monitor

Monday, February 20, 2023

### The global scorecard

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

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

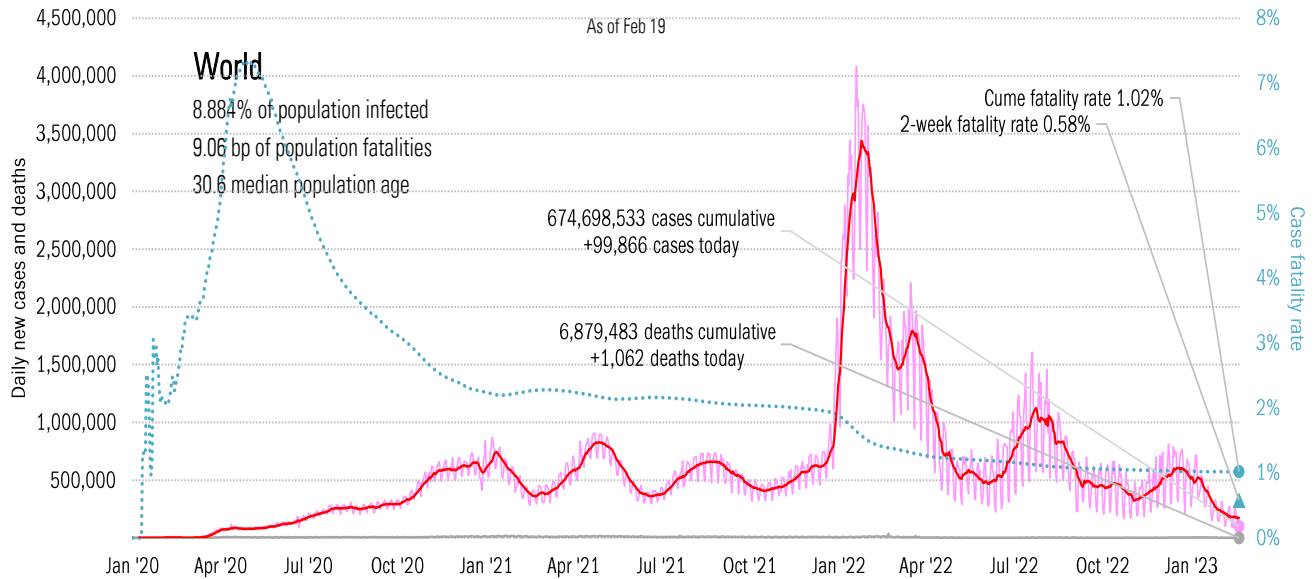
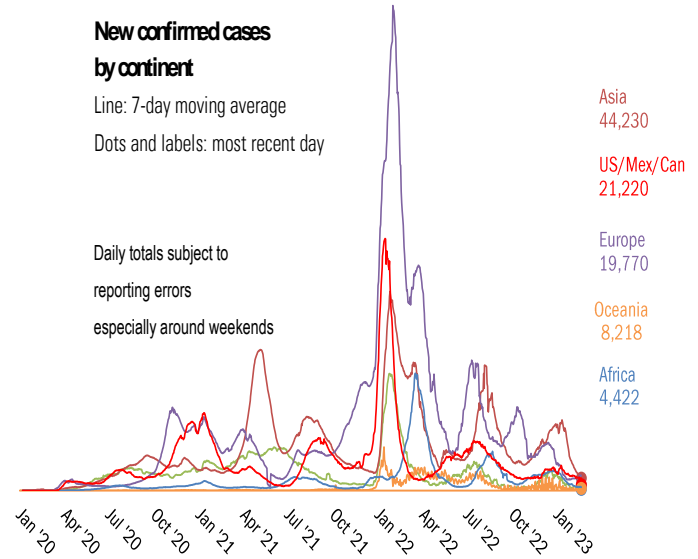
New cases		New Deaths	
United States	37,437	United States	412
Italy	28,347	Mexico	144
Brazil	17,169	Japan	107
Taiwan*	15,790	Germany	87
Germany	15,364	Taiwan*	68
Mexico	14,860	Australia	63
Japan	14,239	Italy	43
Russia	14,076	Russia	35
China	8,847	Brazil	32
New Zealand	8,218	Spain	30

**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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# The US scorecard

Cases: 7-day average and daily Deaths: Daily

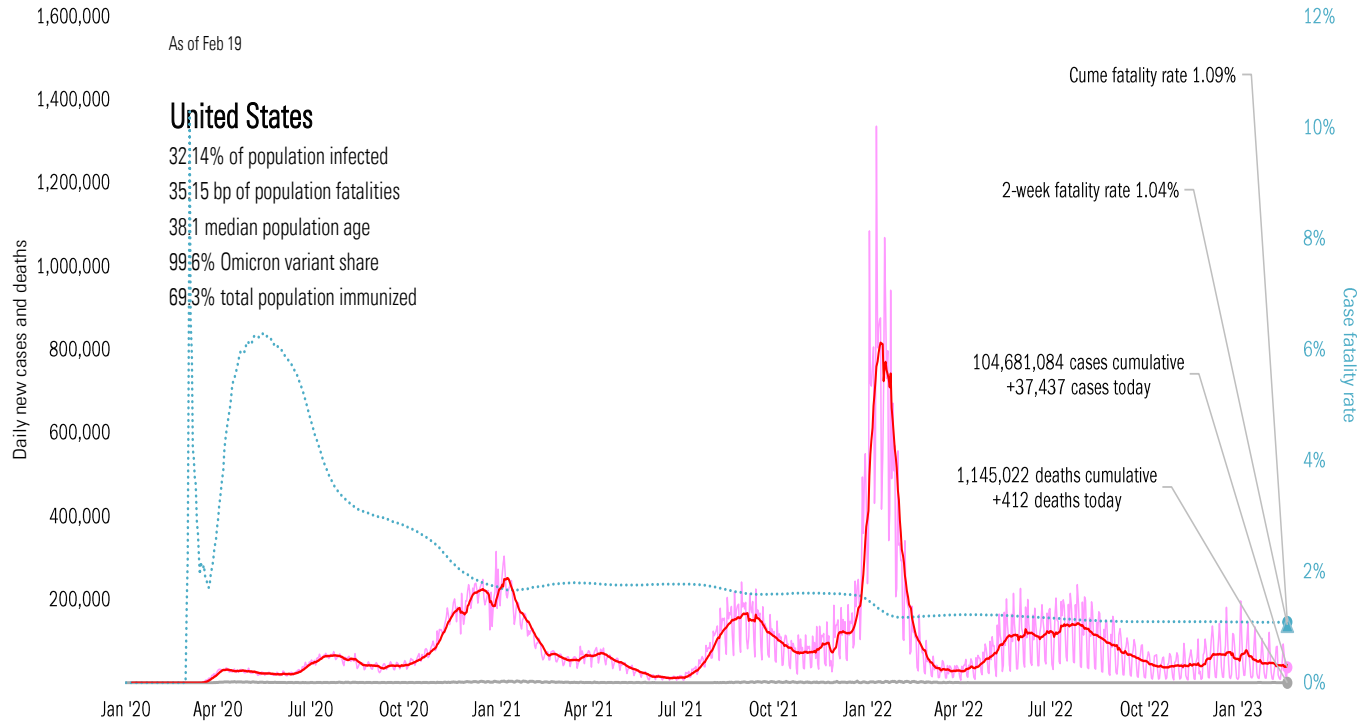
## The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	4,721		FL	83		PA	198		CA	12,059,365		CA	100,581		TX	587,750		MA	88%	VT	92%
CA	4,041		CA	38		TX	325		TX	8,417,810		TX	93,041		CA	565,577		RI	86%	TX	88%
NY	2,633		NY	28		CH	166		FL	7,516,906		FL	86,294		FL	531,676		MN	85%	AL	87%
CO	1,690		DE	20		CA	431		NY	6,758,560		NY	76,956		NY	353,309		DE	84%	AR	85%
NC	1,673		VA	20		IN	80		IL	4,050,952		PA	50,055		CH	243,607		WA	84%	MA	83%
NJ	1,612		PA	19		MI	91		PA	3,501,712		GA	42,245		GA	241,829		MO	84%	RI	83%
IL	1,545		MA	18		FR	33		NC	3,449,973		MI	41,868		PA	229,841		DC	83%	NH	82%
PA	1,499		WI	14		NC	105		CH	3,373,859		CH	41,615		IL	212,991		WV	82%	NC	82%
CH	1,286		GA	12		MA	104		GA	3,049,248		IL	41,335		MI	180,225		CA	81%	MO	82%
VA	1,050		ME	11		FL	240		MI	3,043,192		NJ	35,918		NJ	162,742		AZ	81%	NE	82%
21,750			264			1,773			55,221,577			609,908			3,309,547						
All states	37,437			412			3,583		All states	104,681,084			1,145,022			5,996,261		All states	70%		67%
Top ten	58%			64%			49%		Top ten	54%			55%			55%		Median	77%		76%

Some states not reporting

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
AR	-959	AR	-4	IL	-37
CT	-248	AK	0	MN	-26
AK	0	AL	0	AL	-23
AL	0	AZ	0	NJ	-20
AZ	0	CA	0	DC	-17

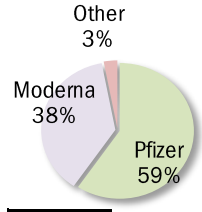


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

# Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	687,757,074		+0.100 million		US	69.3%	81.1%	
			Of which boosters: +0.069 million		UK	75.2%	79.7%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%	80.6%
Total population	277,766,983	83%	236,754,227	71%	+0.014 million	Spain	85.6%	86.9%
Age 12 to 17	18,473,231	73%	15,810,010	62%	+0.001 million	Germany	76.2%	77.8%
Age 18 to 64	184,660,818	91%	156,918,716	77%	+0.008 million	Italy	81.3%	86.2%
Age 65 and over	61,081,851	100%	53,508,406	98%	+0.002 million	Australia	82.7%	85.0%
						Israel	65.2%	71.1%
						Canada	82.6%	90.4%
						Japan	83.3%	84.5%
						Africa	28.5%	34.7%
						India	67.2%	72.5%
						Brazil	81.6%	87.9%
						China	89.5%	91.9%



State	Best
At least partial immunity as % population	Middle
Full immunity as % population	Worst

"Immunity" = two doses

AK
73.0%
65.1%

WI
75.1%
68.2%

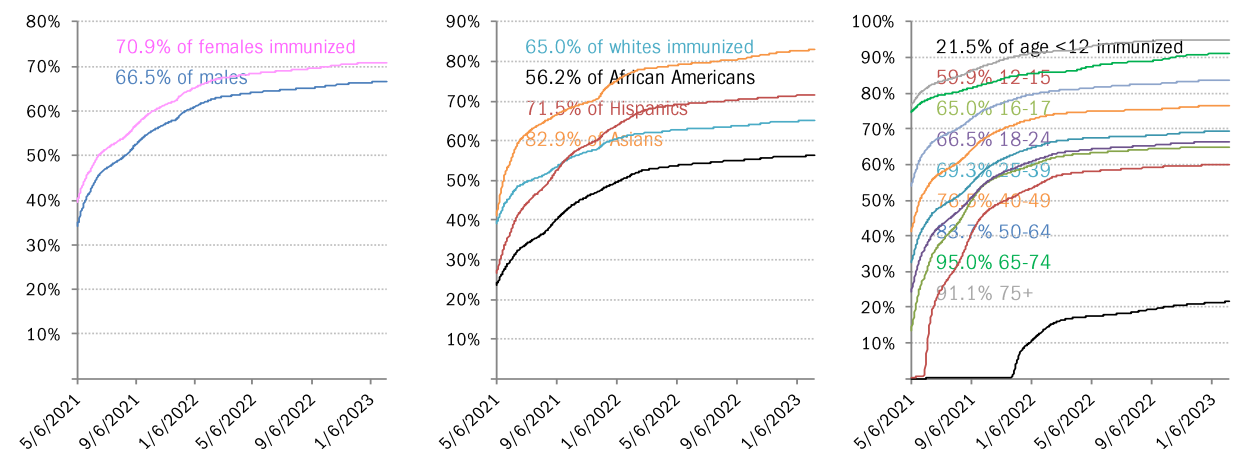
As of Feb 17

ME
95.0%
83.3%

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.2%	63.9%	68.3%	69.4%	78.8%	79.2%	69.4%	94.4%	95.0%	88.2%	
76.0%	56.4%	59.2%	58.7%	72.1%	71.3%	62.3%	80.8%	85.7%	71.9%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.6%	77.6%	60.9%	83.9%	70.7%	64.4%	65.7%	90.6%	94.6%	95.0%	
72.4%	63.7%	53.0%	66.3%	64.4%	57.7%	60.4%	73.4%	79.1%	84.3%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.7%	75.3%	83.7%	73.4%	69.3%	68.8%	67.5%	91.0%	91.7%	95.0%	95.0%
74.7%	66.7%	73.5%	66.3%	59.0%	59.6%	59.7%	76.6%	79.7%	83.0%	87.7%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	77.6%	94.4%	76.2%	69.9%	64.4%	92.2%	71.0%	95.0%	88.2%	
	66.0%	75.2%	65.3%	56.9%	56.3%	67.1%	59.9%	90.4%	73.3%	
			OK	LA	MS	AL	GA			
			74.6%	62.8%	61.6%	65.0%	68.4%			
			60.5%	55.0%	53.7%	53.2%	57.3%			
			TX					FL		PR
			76.4%					82.5%		90.9%
			63.2%					69.4%		84.1%

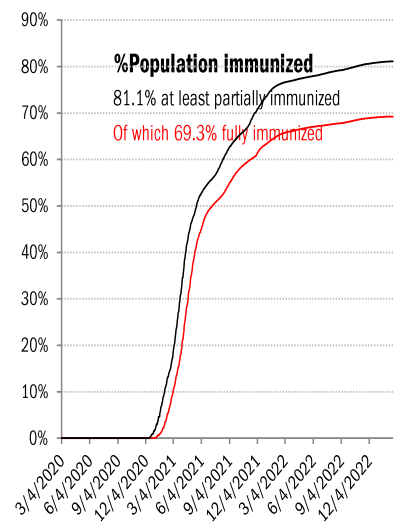
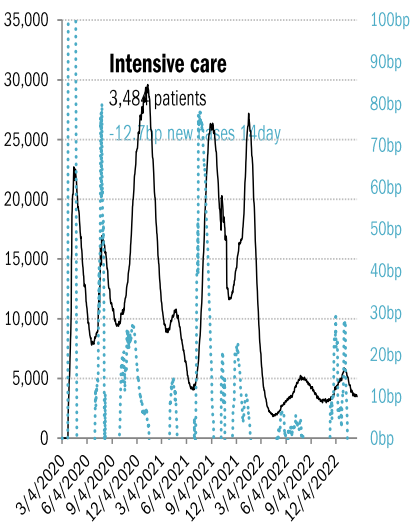
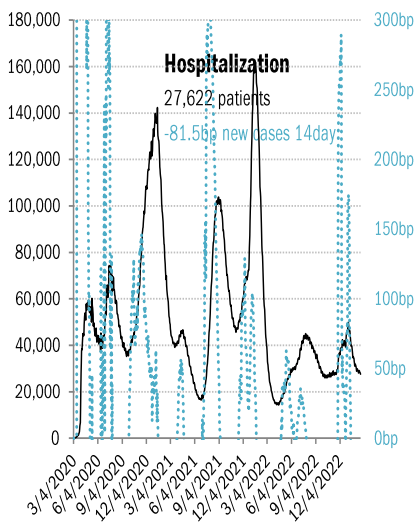
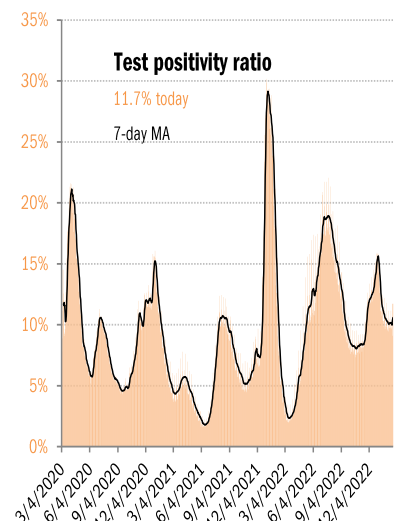
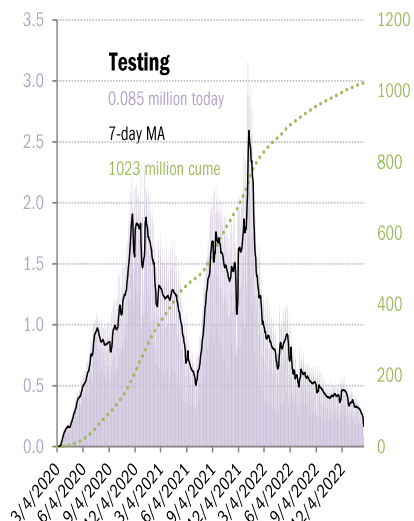
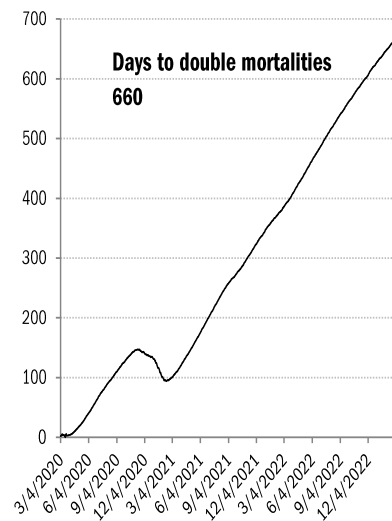
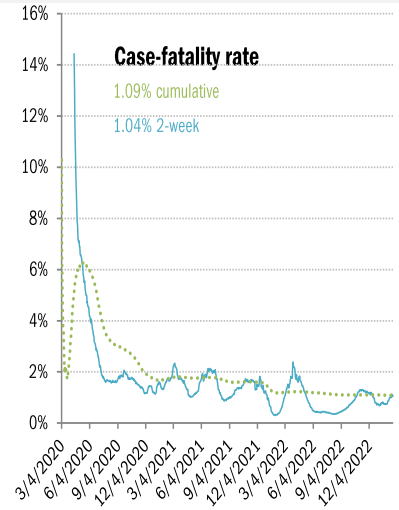
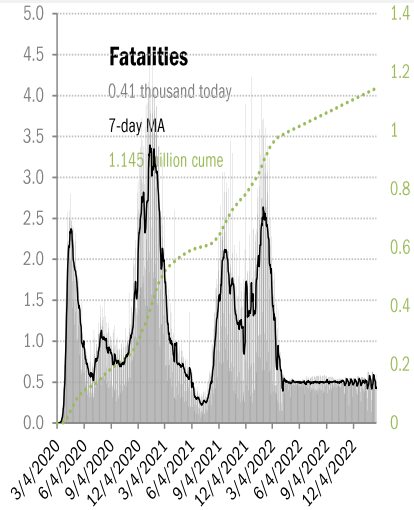
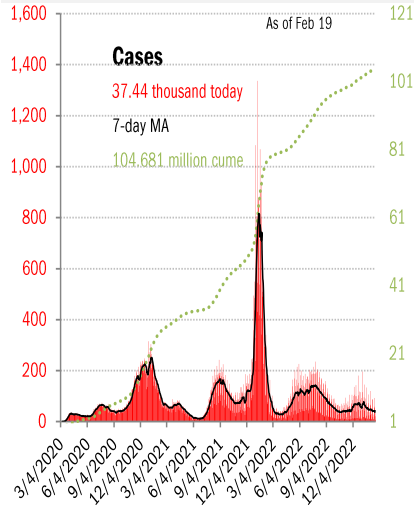
HI
91.4%
81.5%

## The demographics of US vaccination

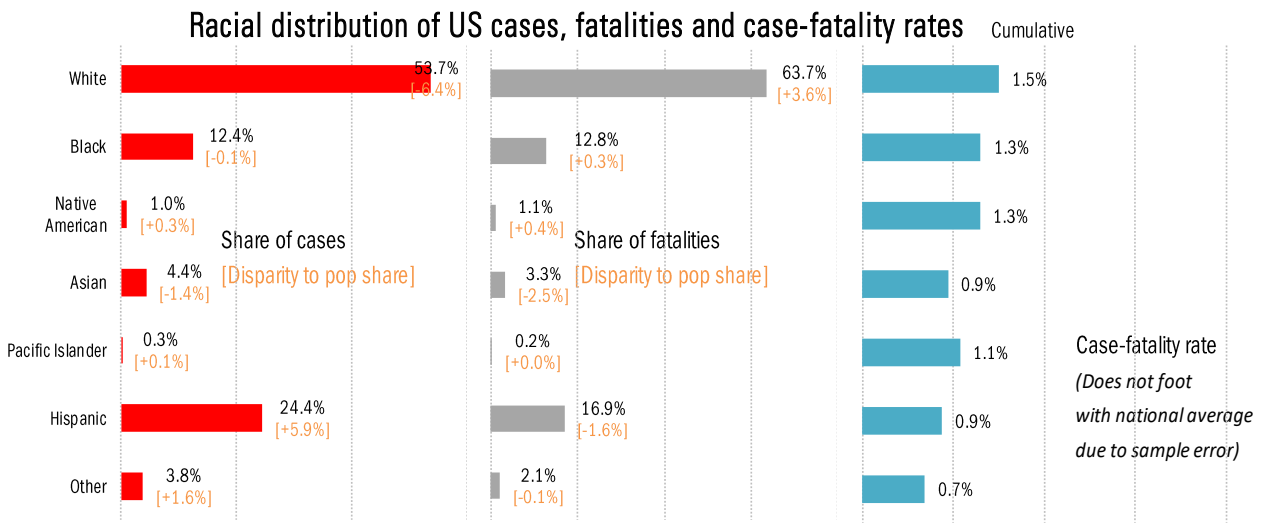
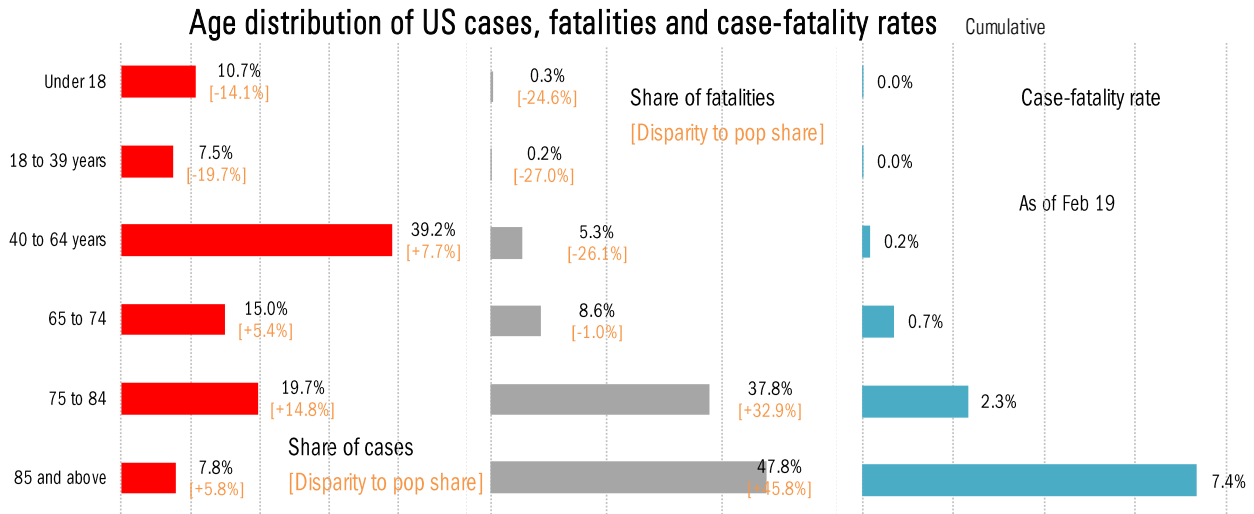


Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

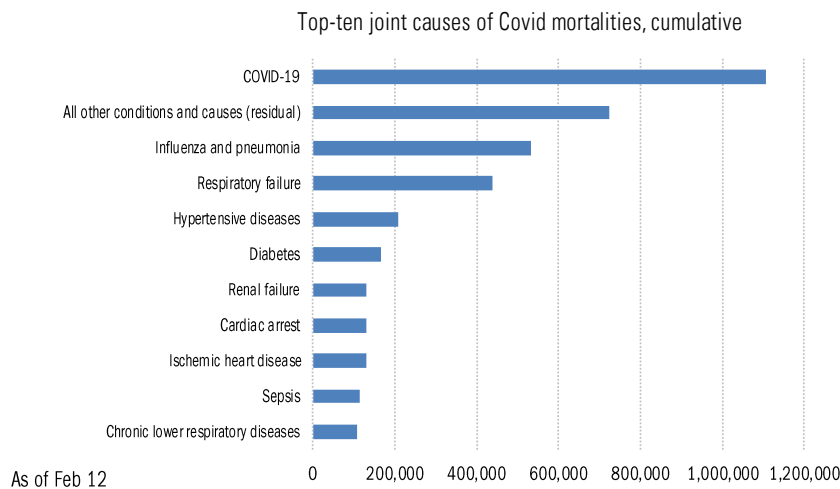
# US deep-dive



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

### [The CDC's Long-Covid Deception](#)

Allysia Finley  
*Wall Street Journal*  
February 19, 2023

### [How Pfizer Fixed the Election](#)

Cassian Anderson  
*Compact*  
February 9, 2023

### [As the Pandemic Swept America, Deaths in Prisons Rose Nearly 50 Percent](#)

Jennifer Valentino-DeVries and Allie Pitchon  
*New York Times*  
February 19, 2023

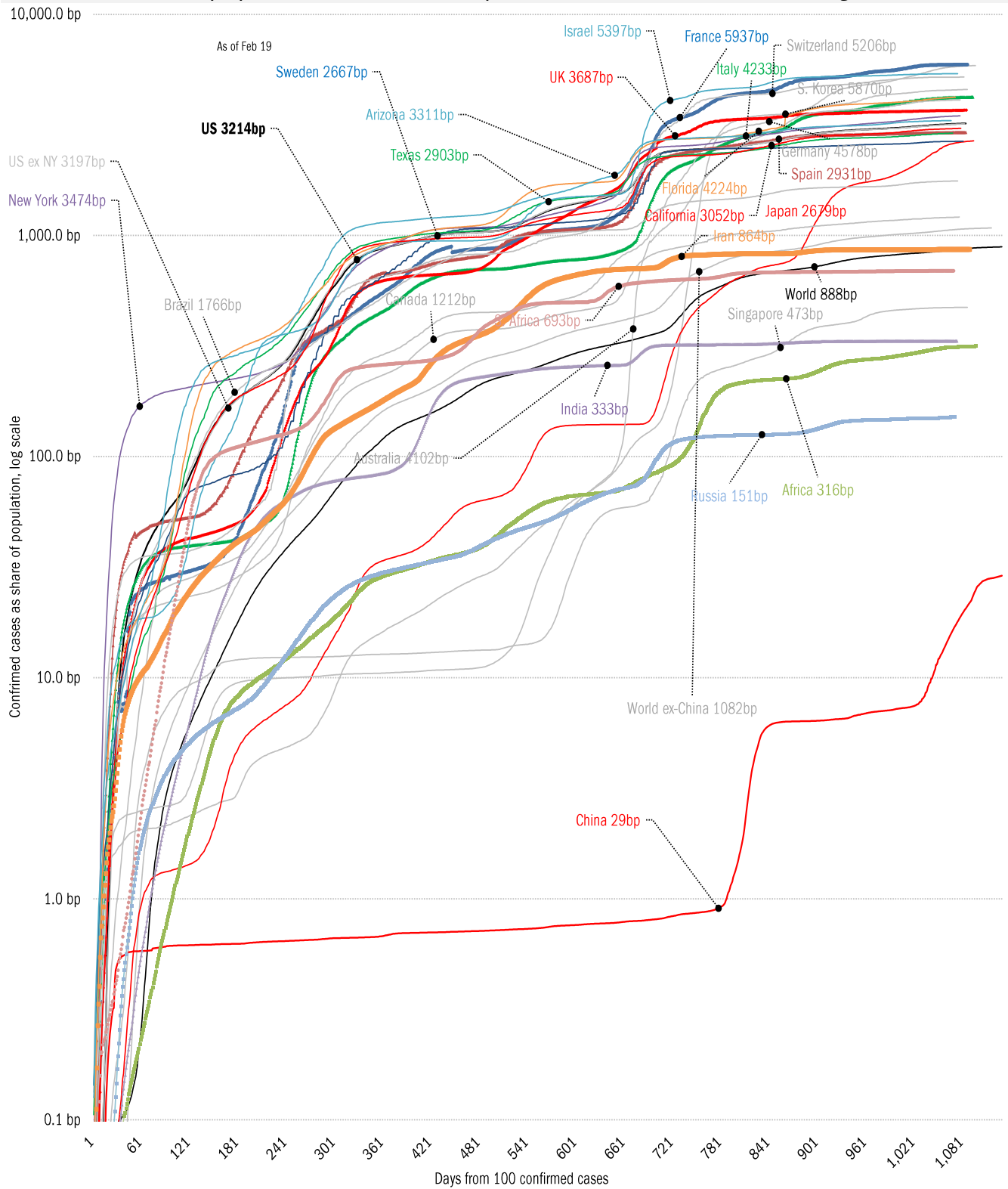
## Meme of the Day



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*

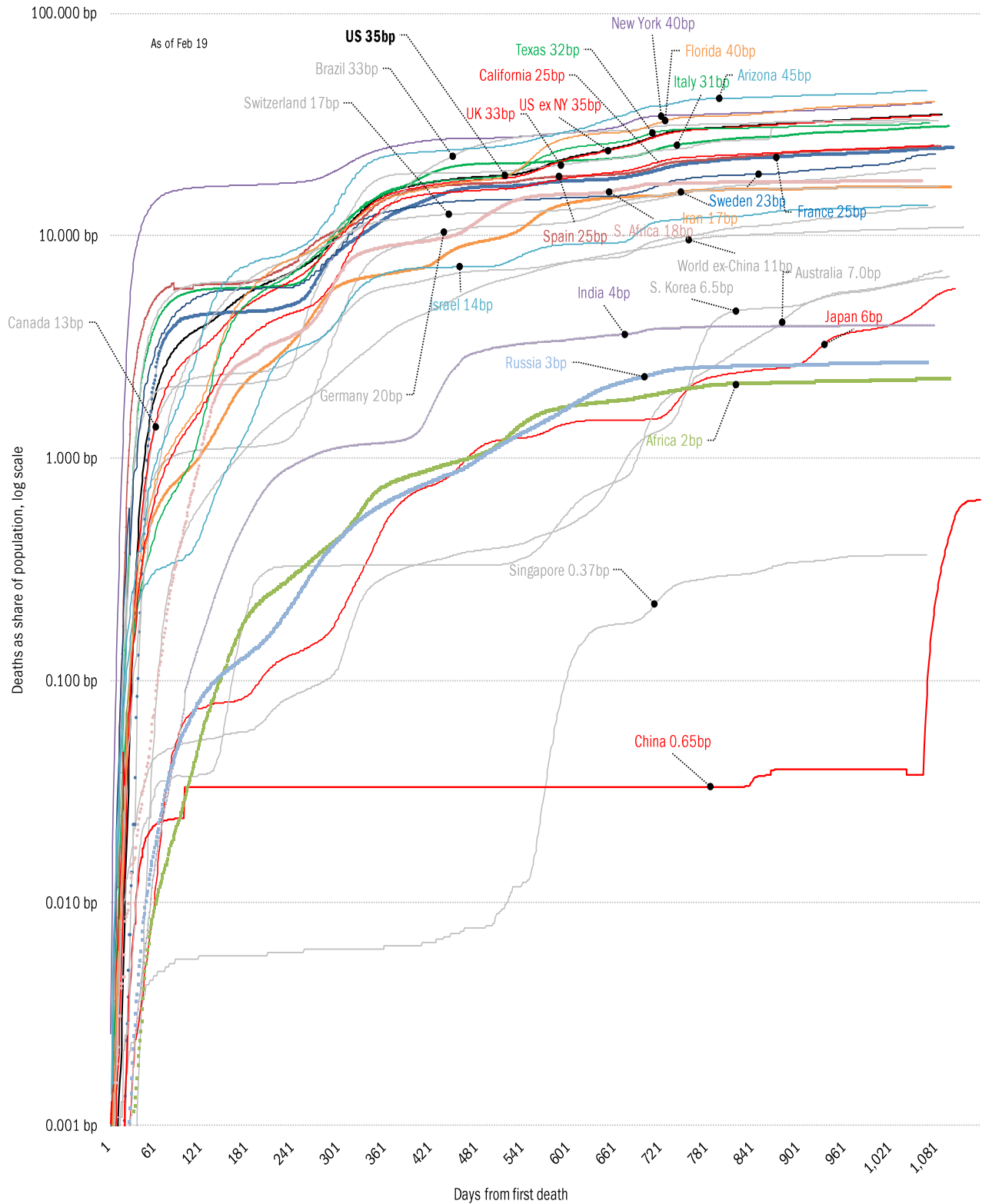


Source: [Johns Hopkins](#), TrendMacro calculations



# The global coronavirus mortality accelerometer ... tracking the world's fatality curves

*Share of population deceased from day of first fatality, log scale*



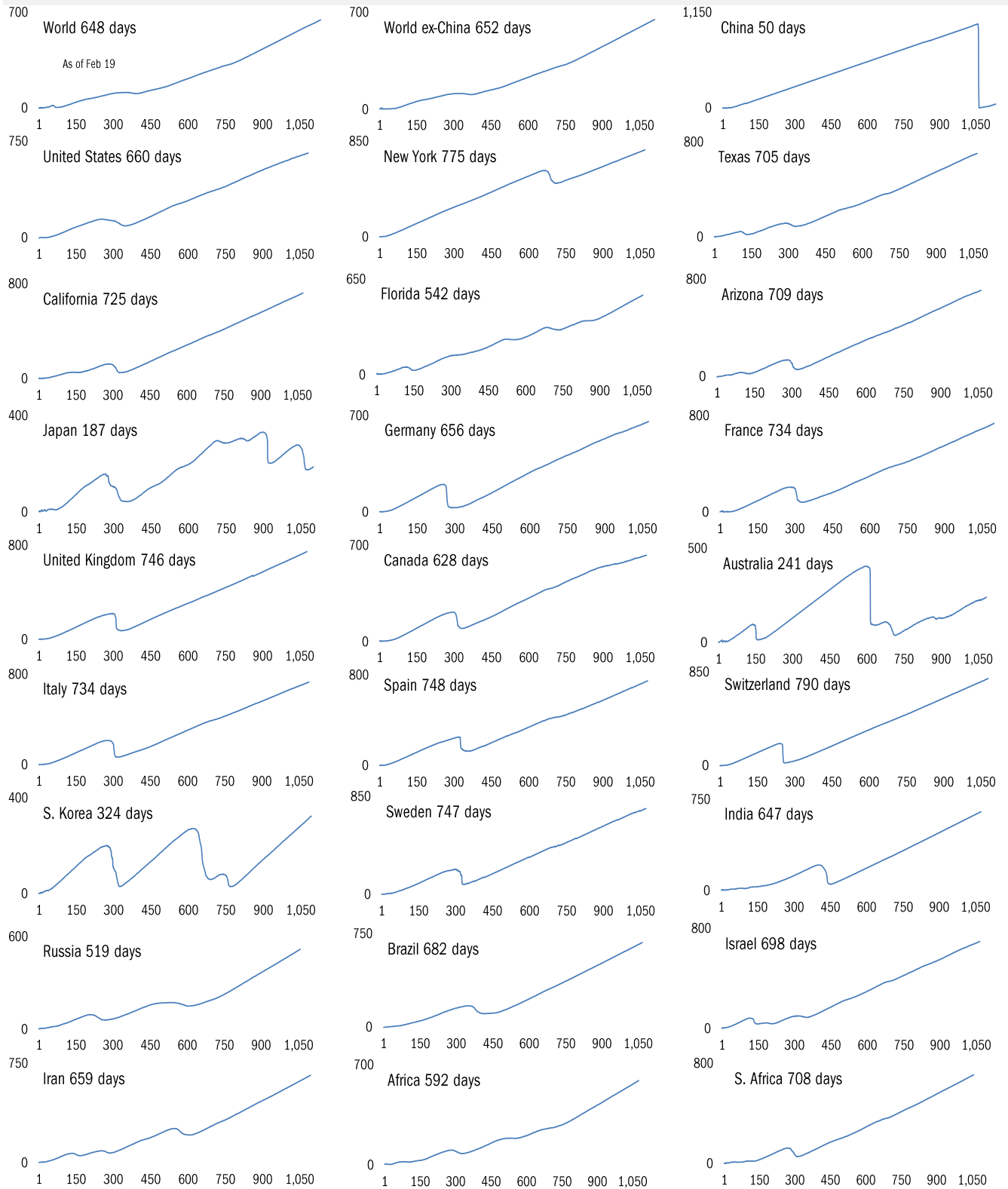
Source: [Johns Hopkins](#), TrendMacro calculations



# 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

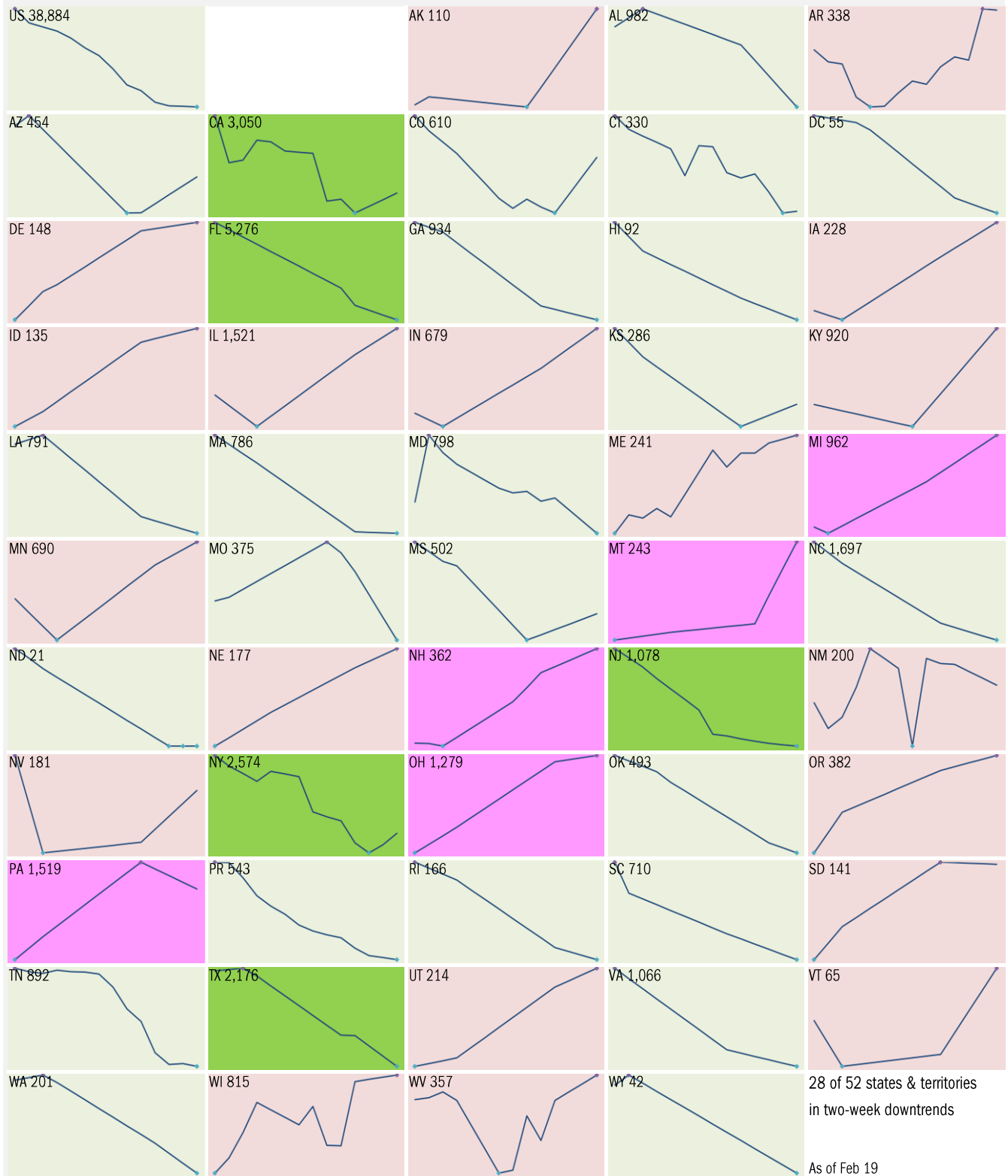


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

# 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

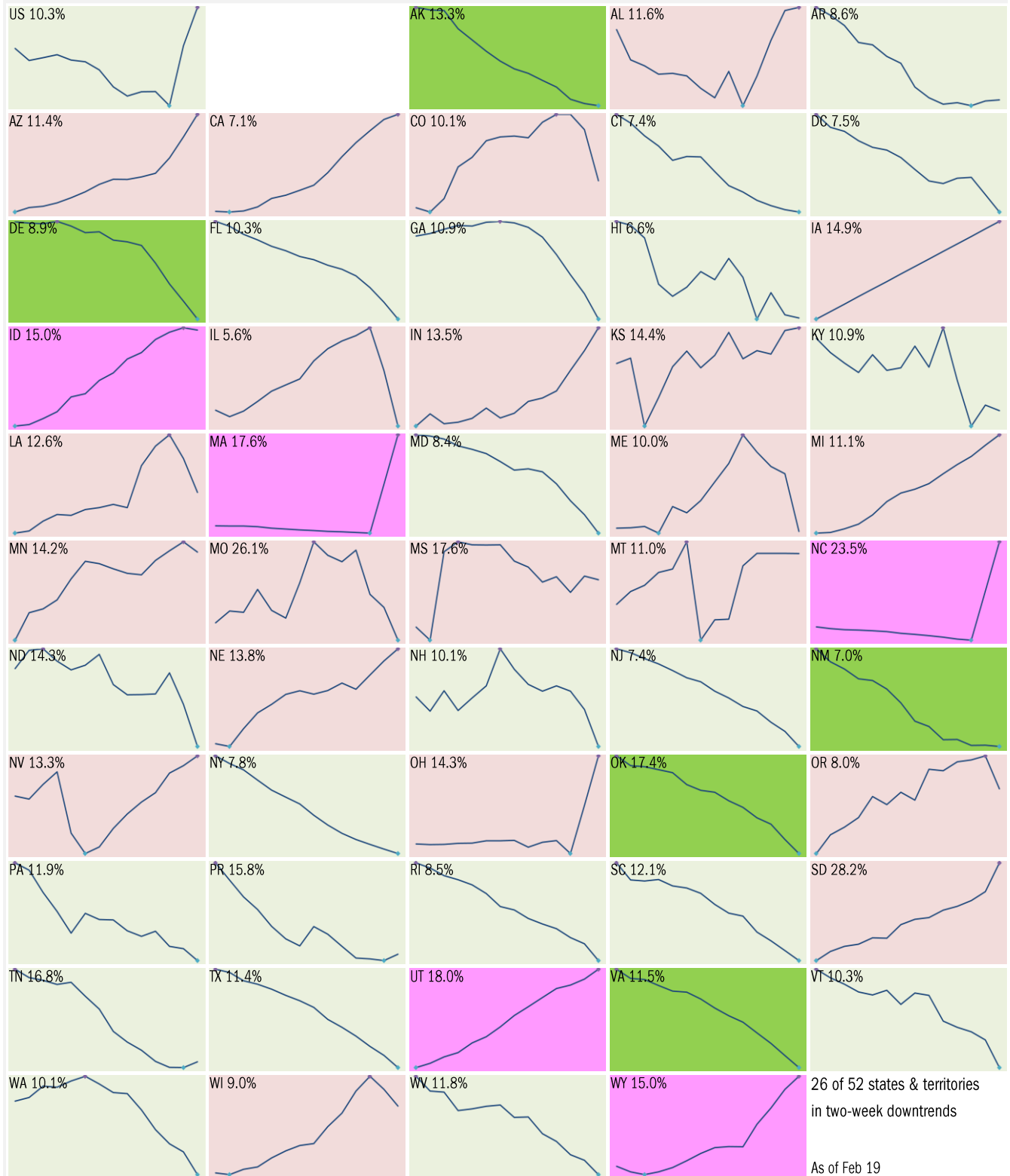


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

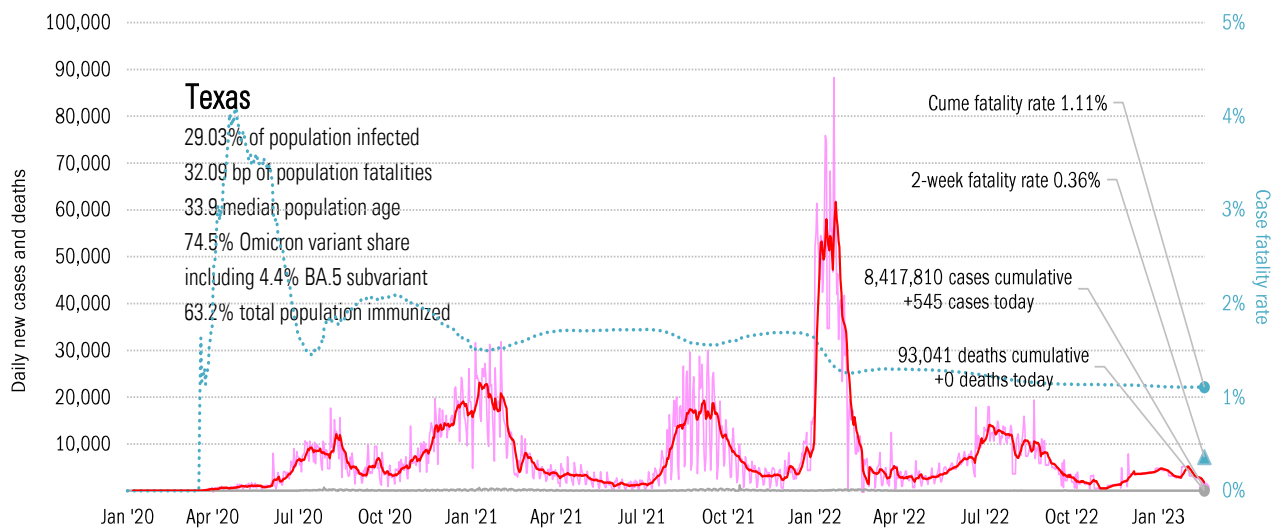
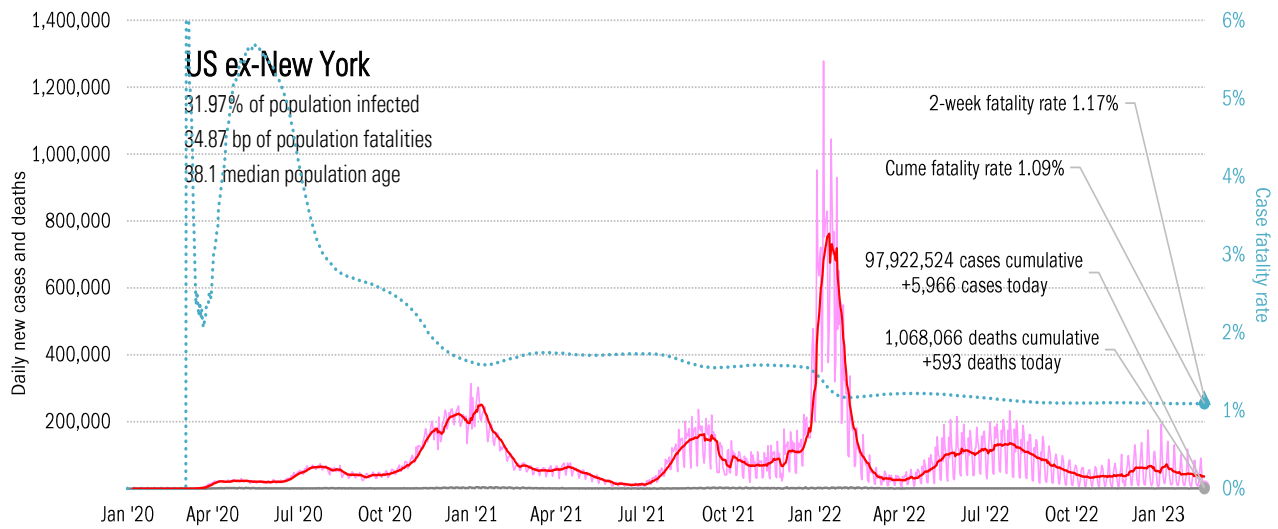
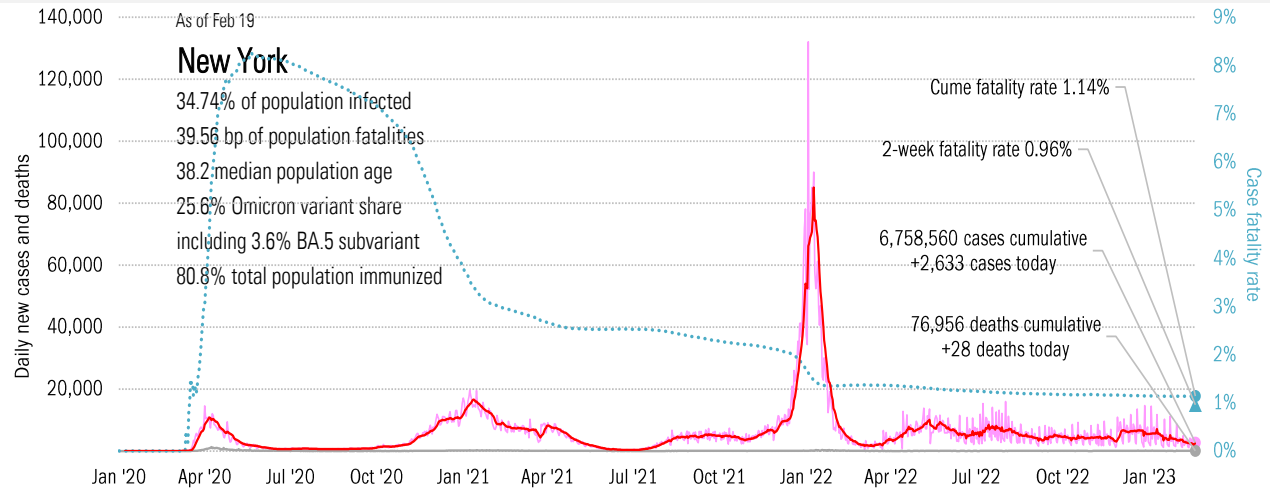
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

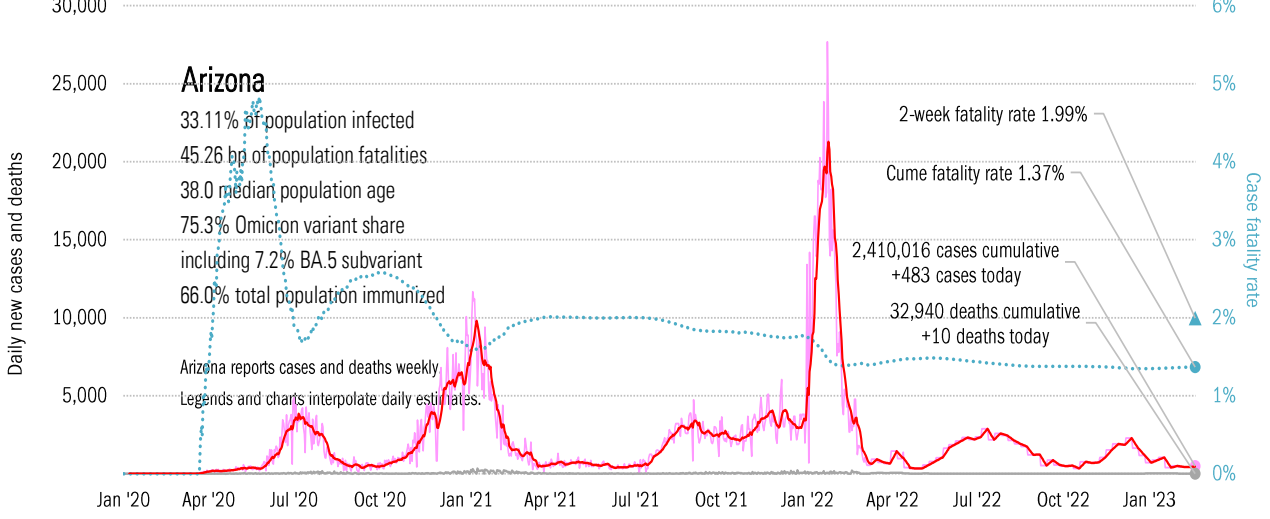
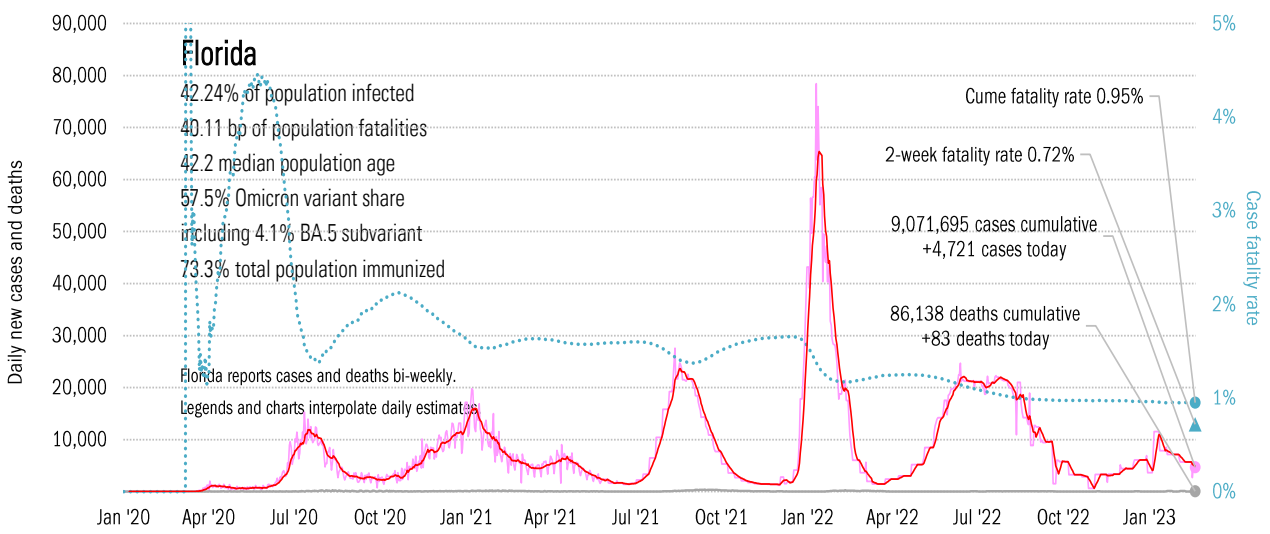
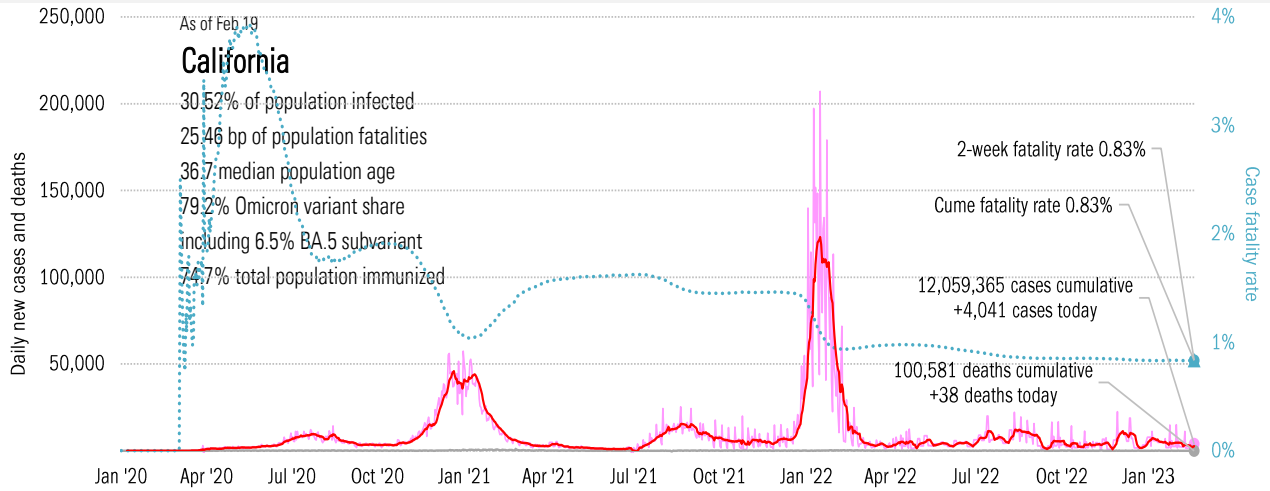
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

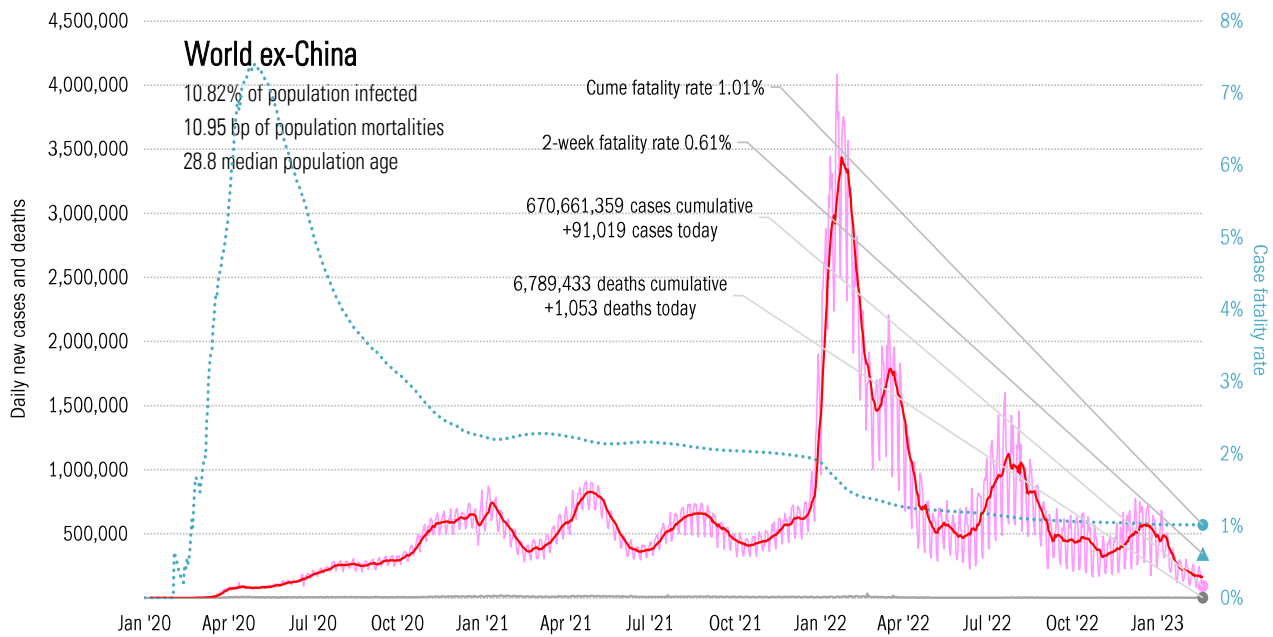
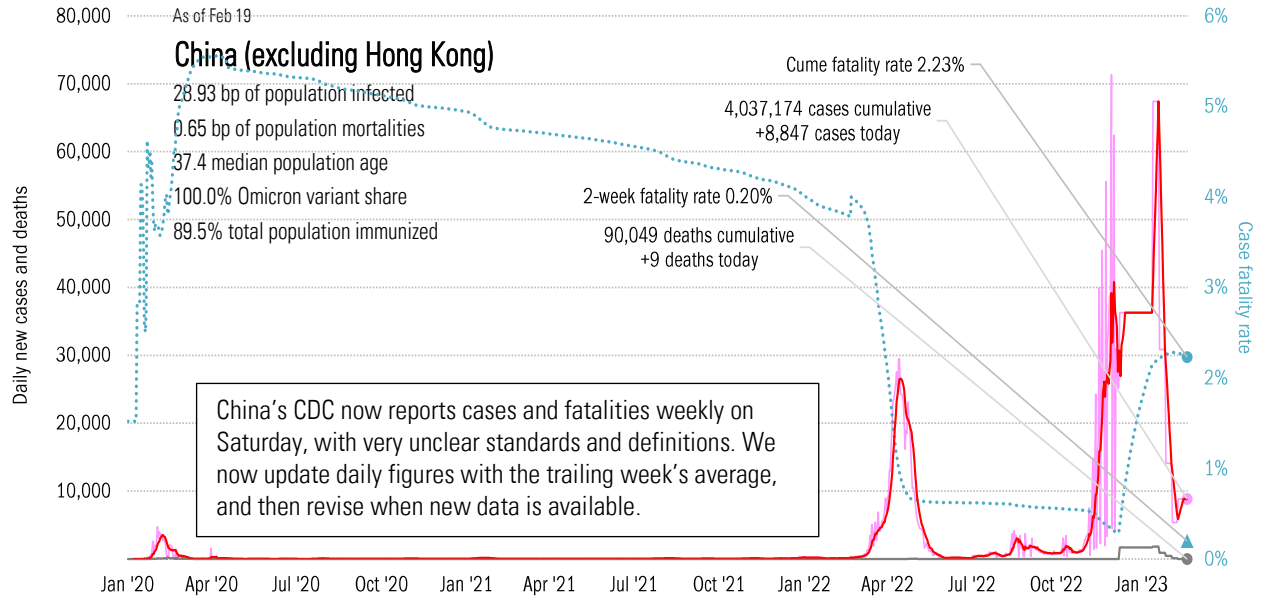
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

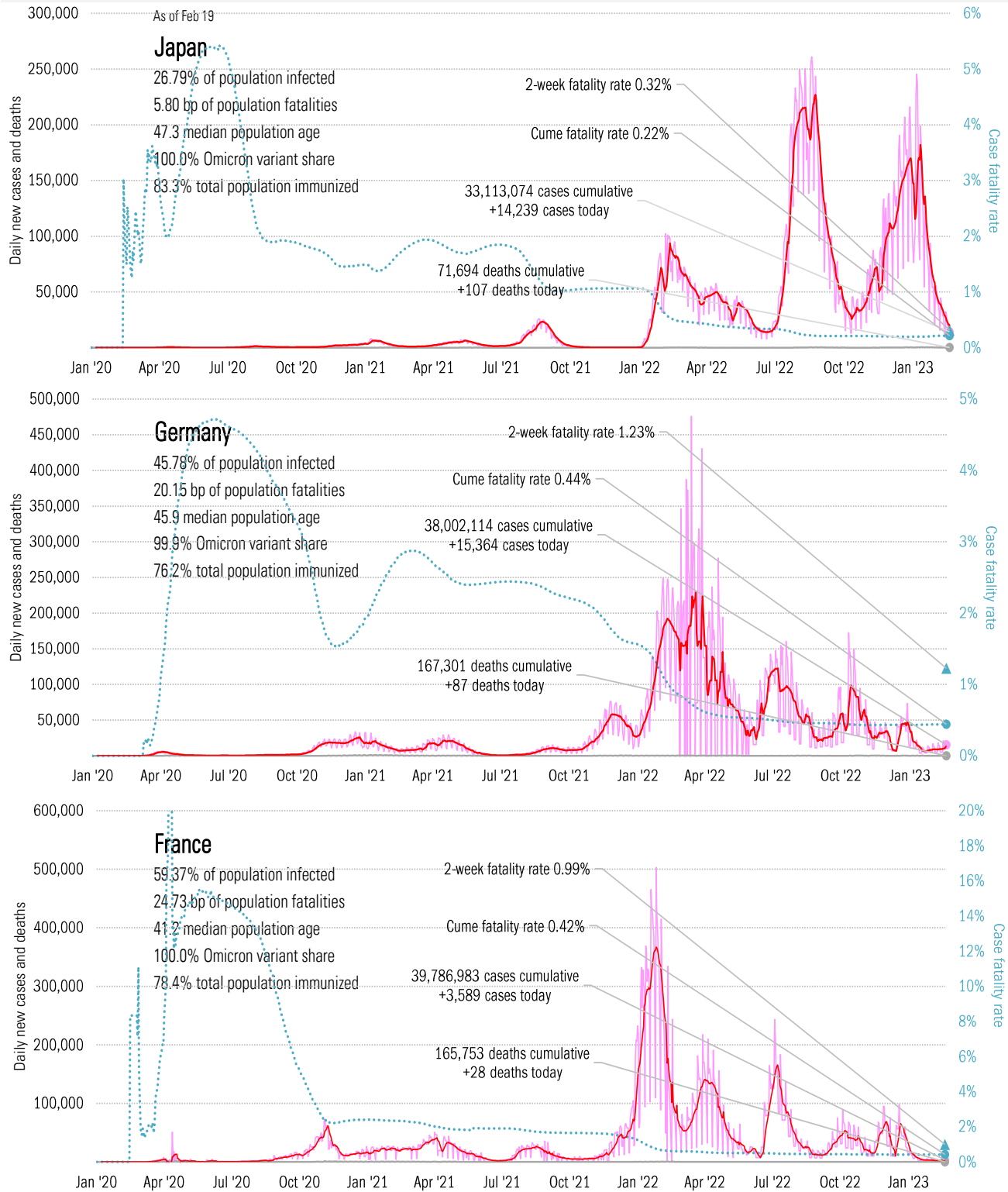
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

Cases: 7-day average and daily Deaths: Daily

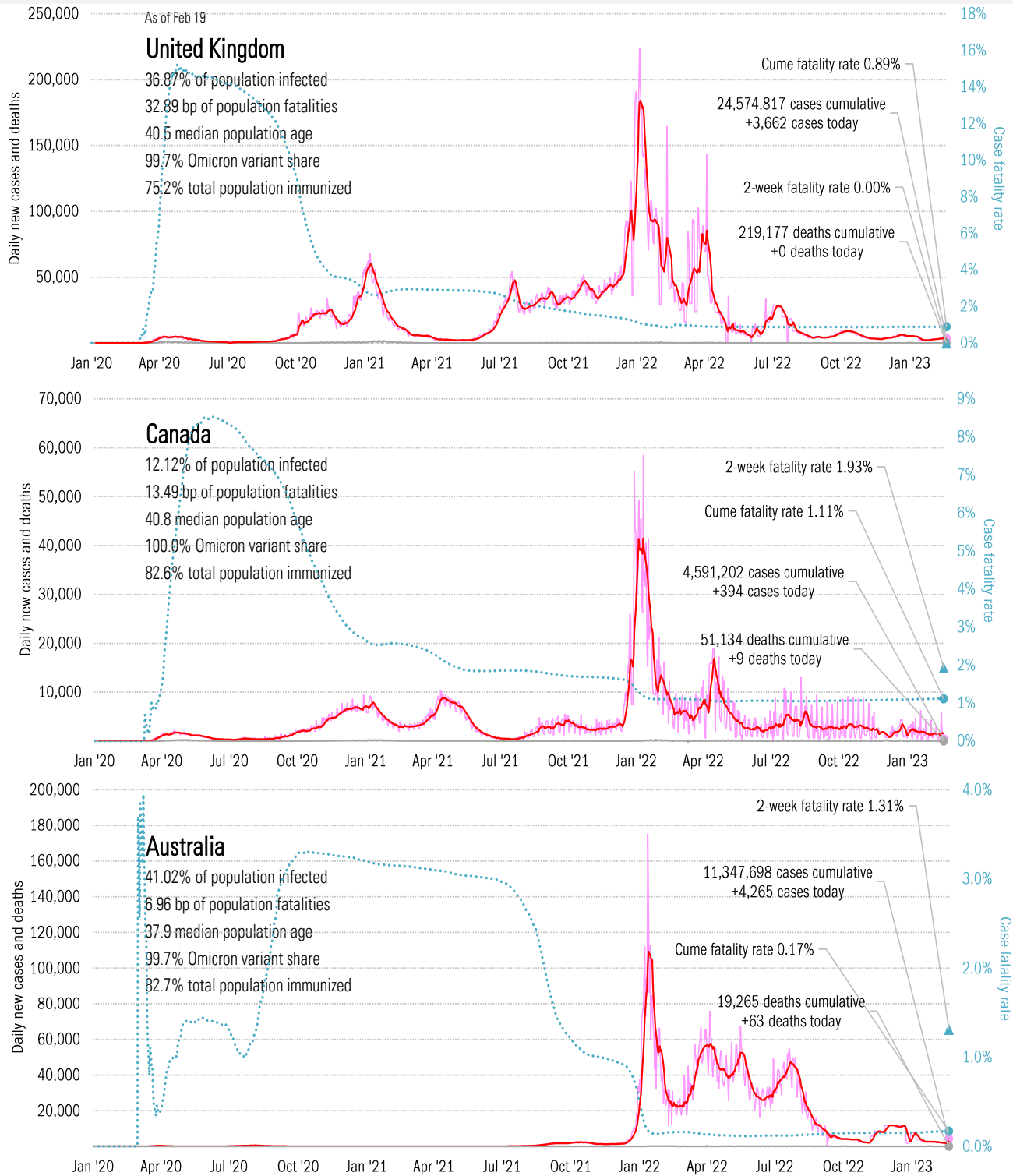


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in The Anglosphere

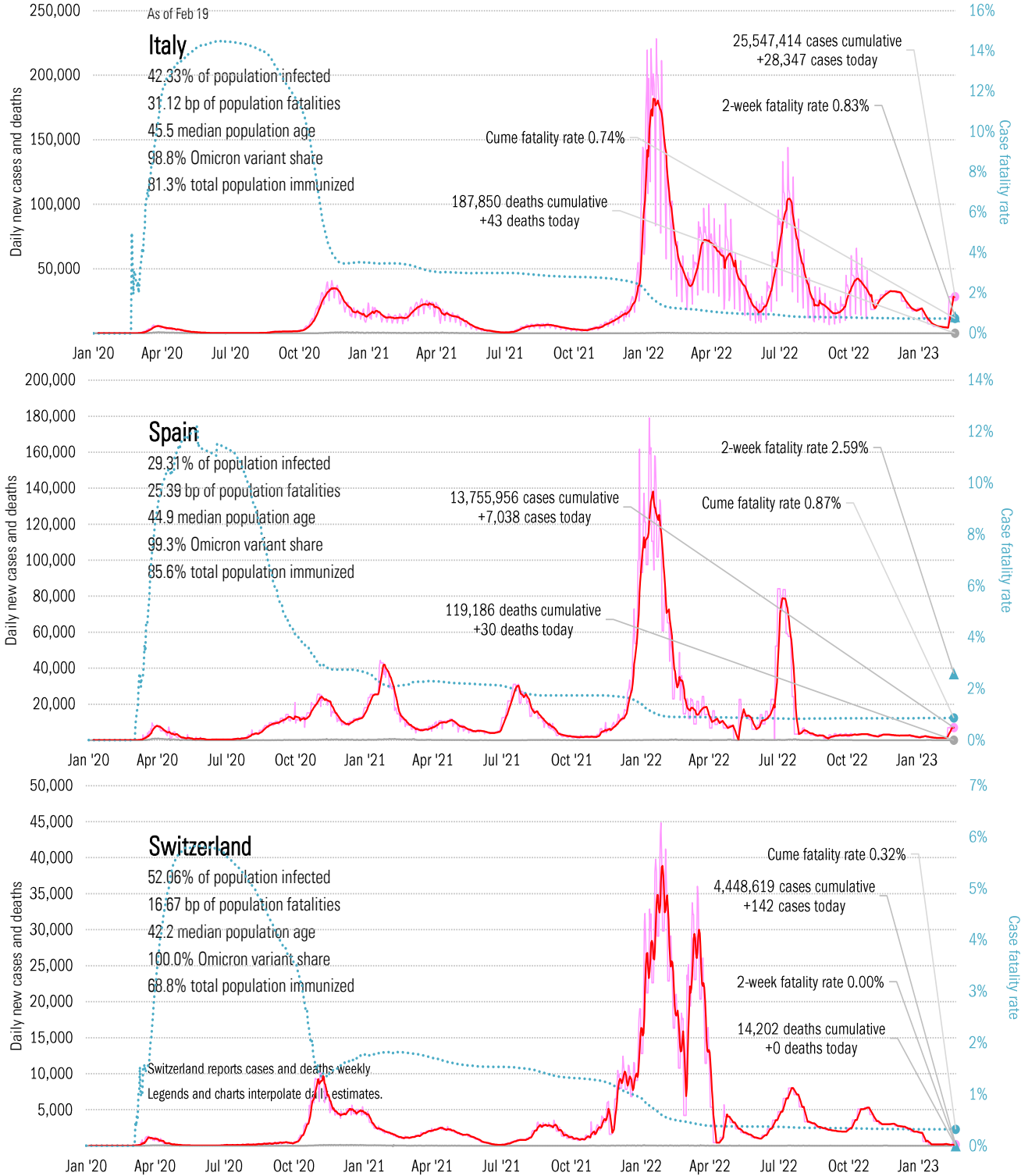
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

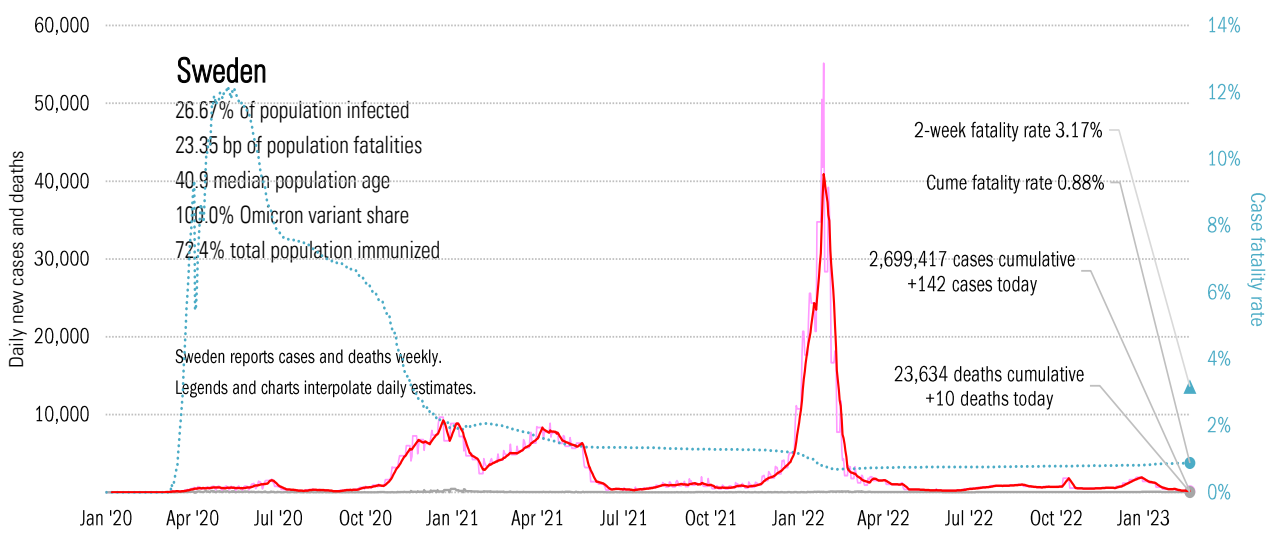
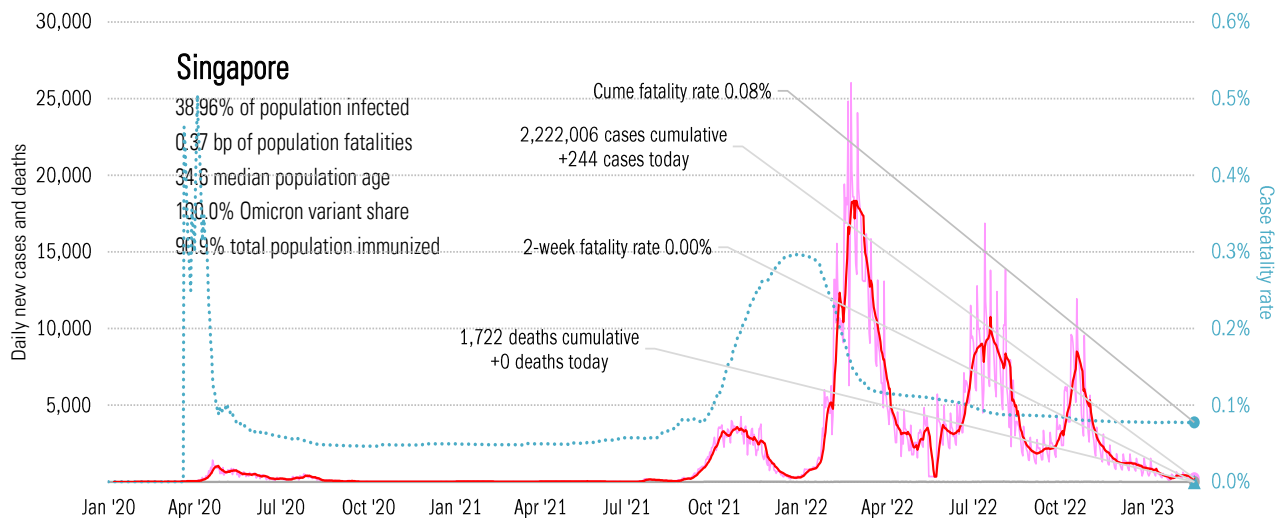
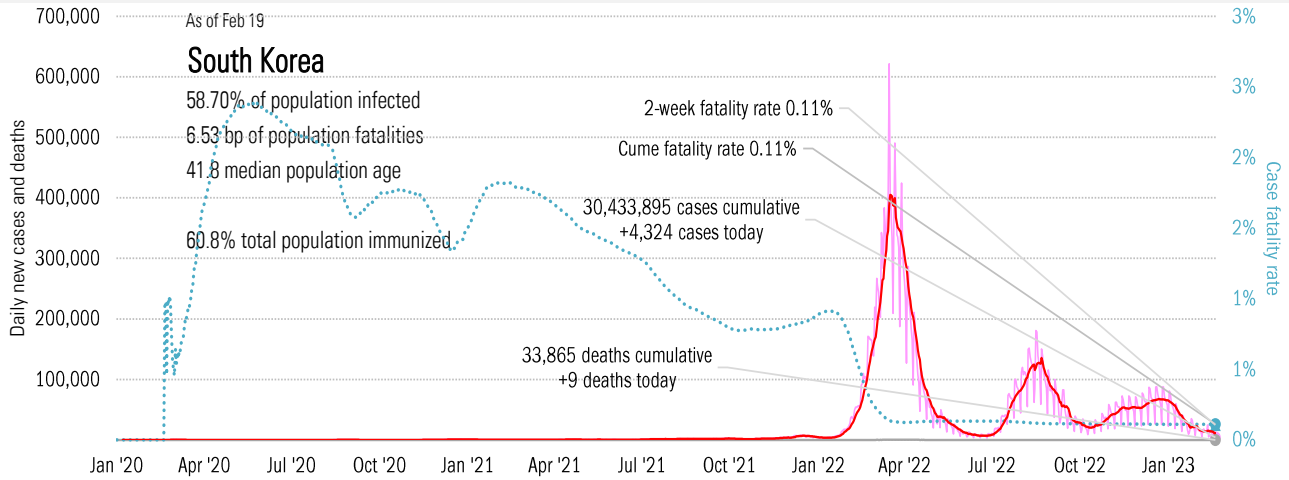
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

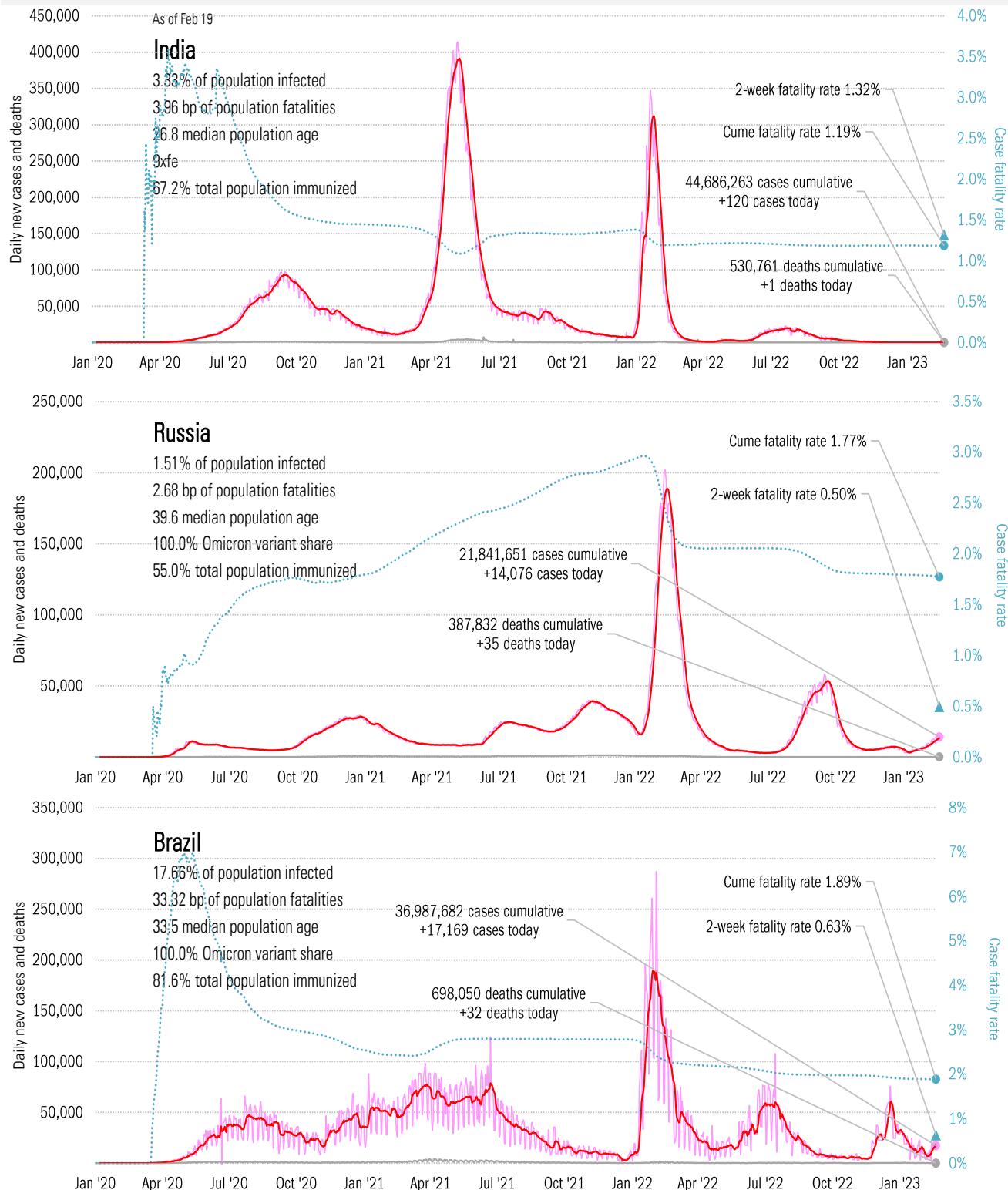
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

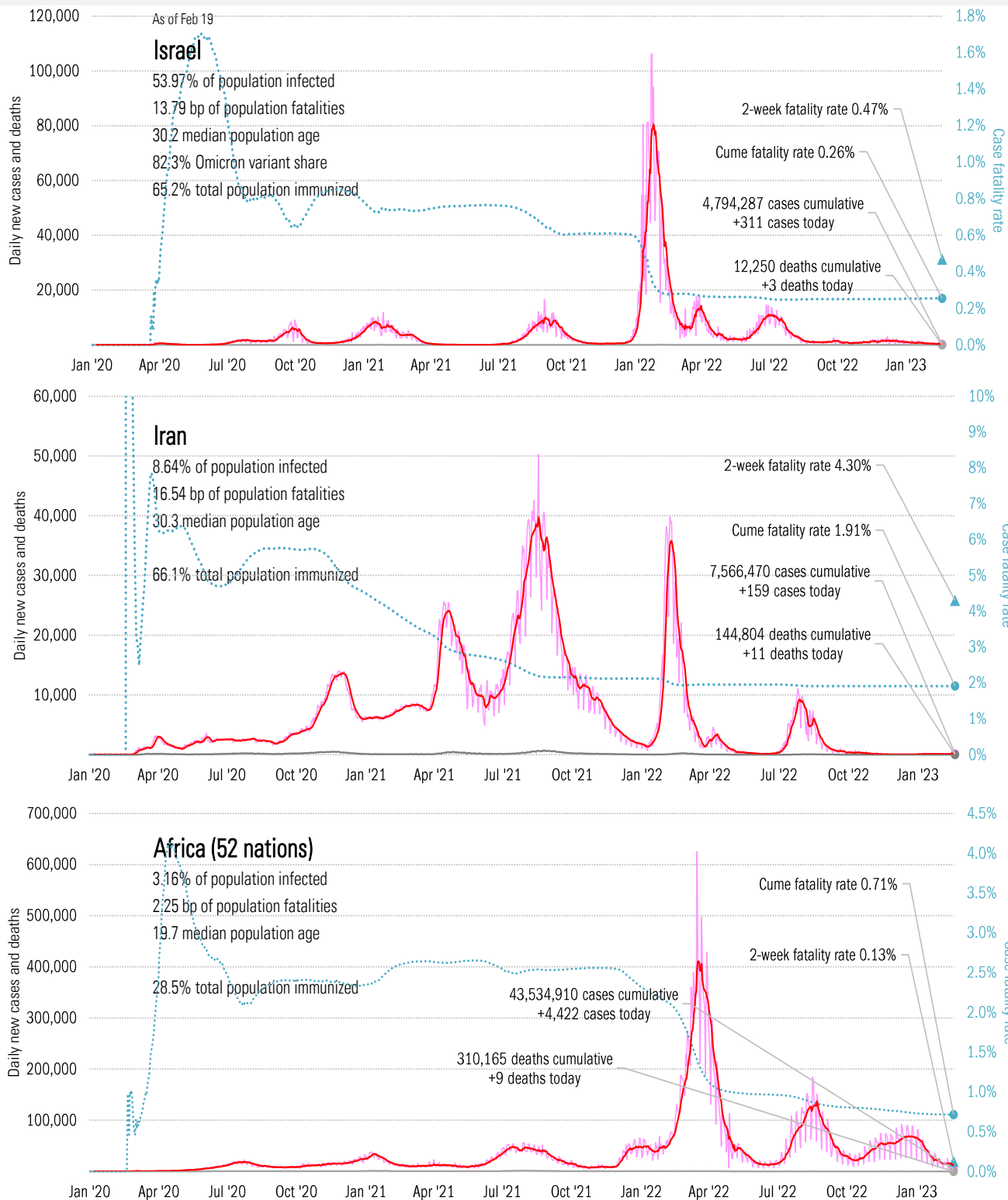
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

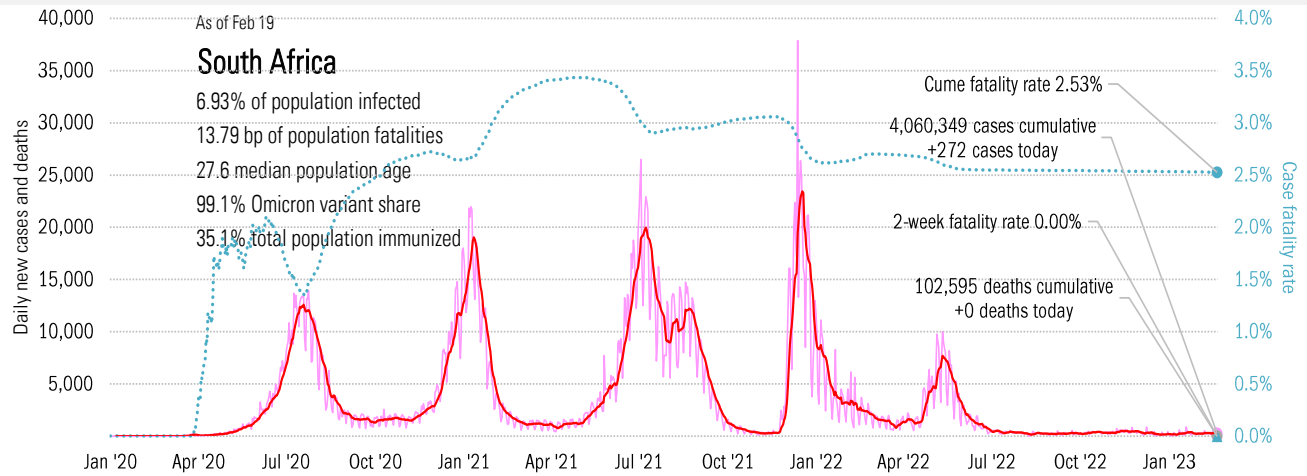
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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