

## Data Insights: Covid-2019 Monitor

Saturday, February 18, 2023

### The global scorecard

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

The worst ten countries (see China note page 14)

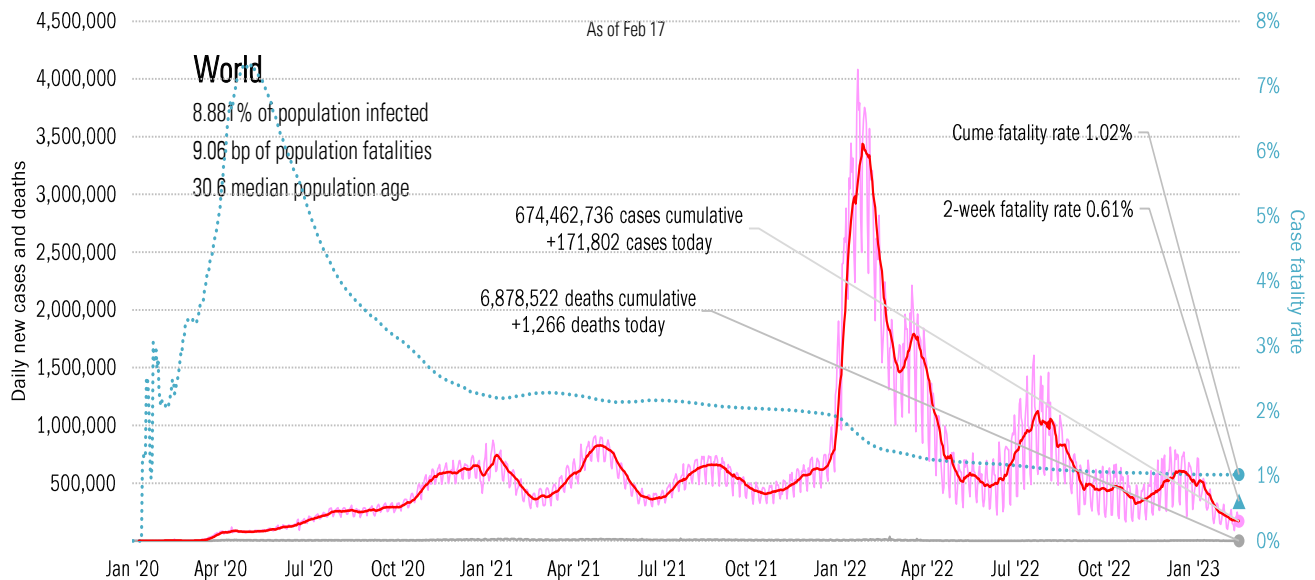
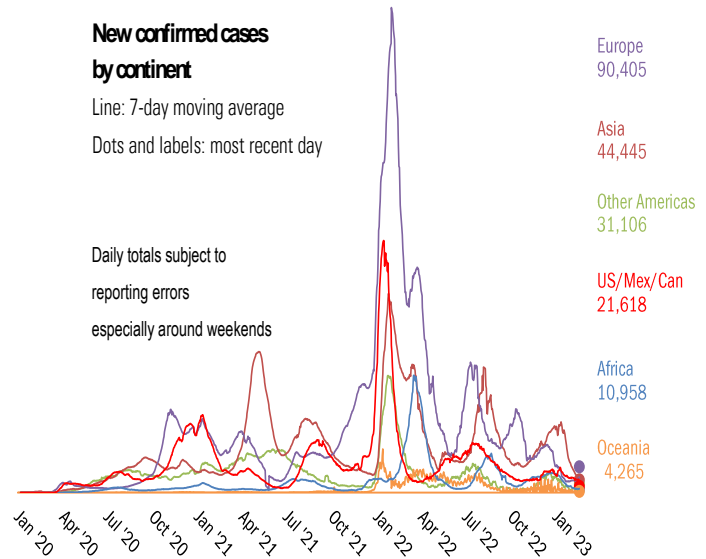
New cases		New Deaths	
United States	37,744	United States	370
Japan	18,606	Japan	141
Brazil	17,948	China	126
Taiwan*	15,435	Brazil	114
Germany	15,364	Germany	87
Russia	15,238	Taiwan*	78
Korea, South	10,641	Australia	63
Belgium	7,324	Belgium	47
China	5,373	Italy	43
Austria	5,329	Russia	37

### 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](mailto:don@trendmacro.com)

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

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

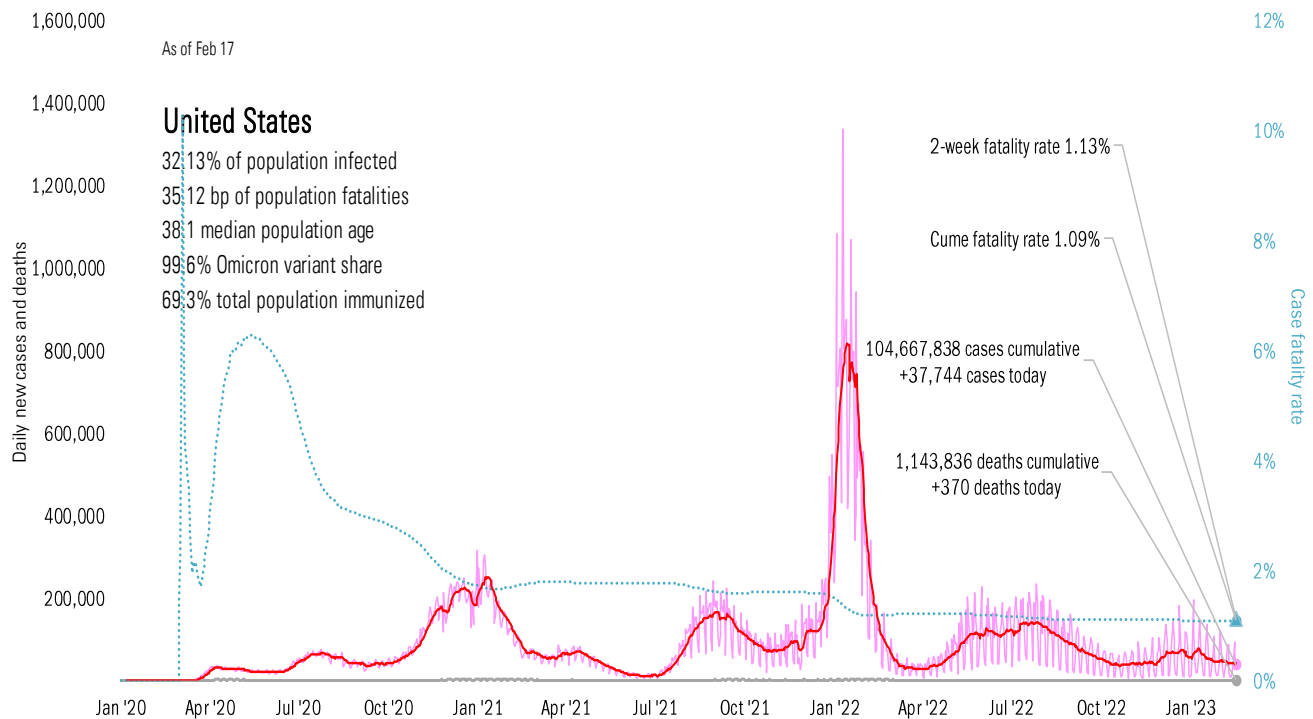
## The ten worst US states

New cases				New deaths				New in hospital				Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
FL	4,721	CA	38	CA	38	CH	147	CA	147	TX	587,095	CA	12,059,365	CA	100,581	TX	587,095	MA	88%	VT	92%			
CA	4,041	NY	28	NY	28	PA	187	TX	187	CA	564,737	TX	8,417,810	TX	93,041	CA	564,737	RI	88%	AL	89%			
NY	2,633	DE	20	DE	20	TX	343	FL	343	FL	531,181	FL	7,516,906	FL	86,294	FL	531,181	DC	86%	AR	88%			
CO	1,690	VA	20	VA	20	IN	78	NY	78	NY	352,832	NY	6,758,560	NY	76,956	NY	352,832	MN	85%	TX	88%			
NC	1,673	PA	19	PA	19	NE	26	IL	26	CH	243,254	IL	4,050,952	PA	50,055	CH	243,254	DE	85%	NM	87%			
NJ	1,612	MA	18	MA	18	IL	156	PA	156	GA	241,621	PA	3,501,712	GA	42,245	GA	241,621	WA	84%	NH	85%			
IL	1,545	WI	14	WI	14	H	15	NC	15	PA	229,397	NC	3,449,973	MI	41,868	PA	229,397	NH	84%	RI	85%			
PA	1,499	WA	13	WA	13	GA	131	CH	131	IL	212,748	CH	3,373,859	CH	41,615	IL	212,748	MO	83%	WV	83%			
CH	1,286	GA	12	GA	12	IA	30	GA	30	MI	180,026	GA	3,049,248	IL	41,335	MI	180,026	WV	82%	CK	83%			
VA	1,050	FL	12	FL	12	CR	39	MI	39	NJ	162,481	MI	3,043,192	NJ	35,918	NJ	162,481	MD	82%	MA	83%			
21,750				194				1,152				55,221,577			609,908			3,305,372						
All states 37,744				370				3,628				All states 104,667,838			1,143,836			5,988,822			All states 70%		67%	
Top ten 58%				52%				32%				Top ten 54%			55%			55%			Median 79%		77%	

Some states not reporting

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
WI	-279	WV	-45	CA	-127
CT	-180	NJ	-7	NJ	-65
WV	-108	NV	-1	VA	-46
MO	-60	RI	-1	AL	-38
MD	-43	MC	-1	AZ	-37

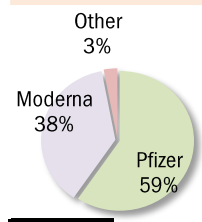


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

# 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%



AK	73.0%
	65.1%

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

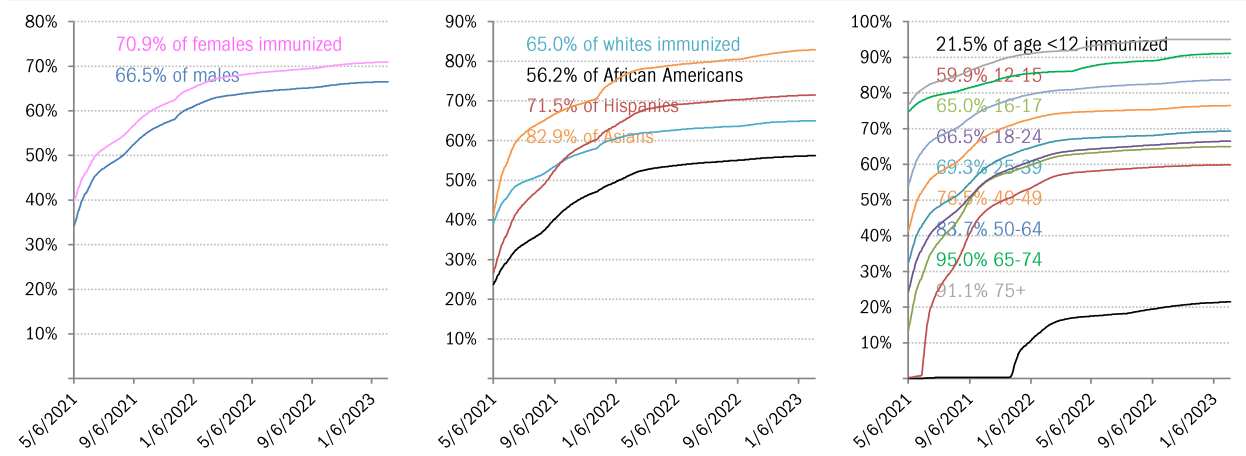
\*Immunity\* = two doses

Global data differs due to sources, timing

As of Feb 17

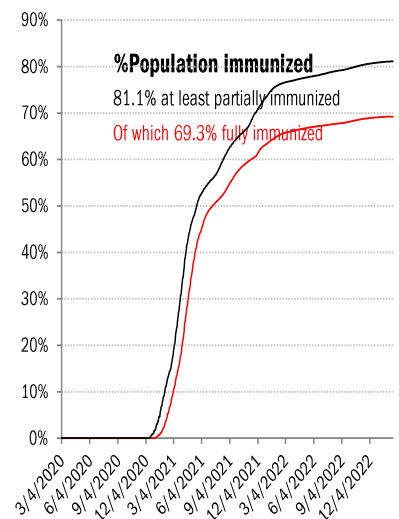
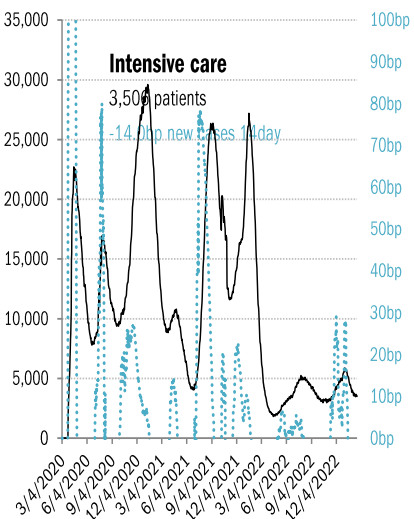
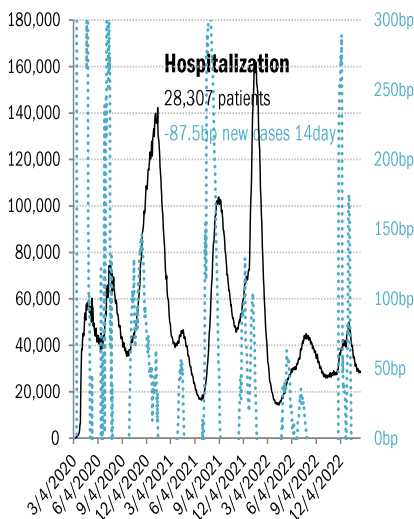
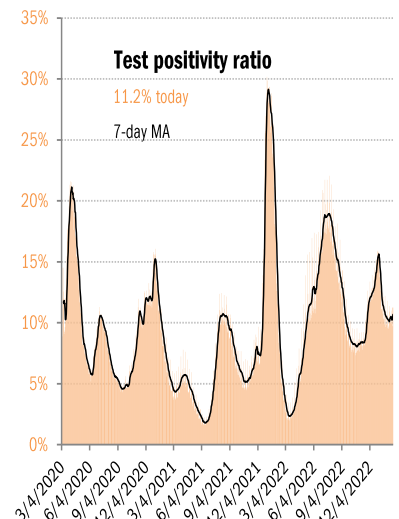
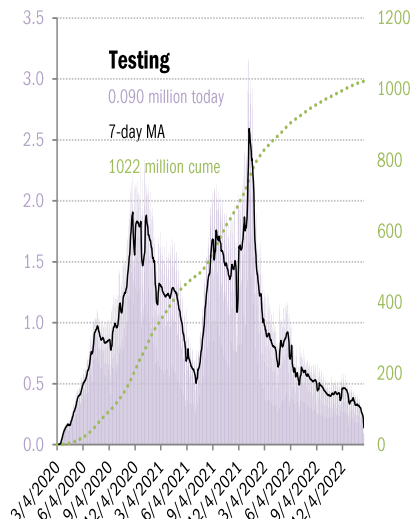
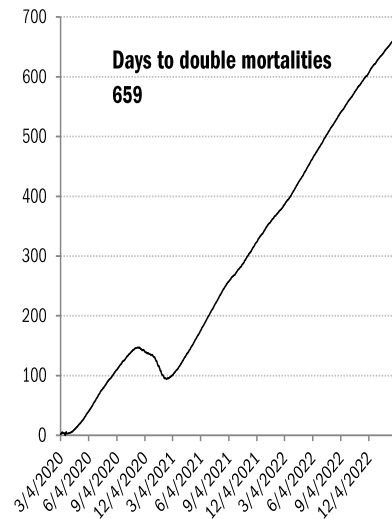
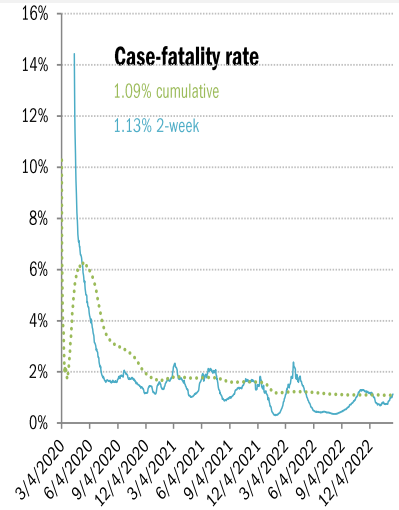
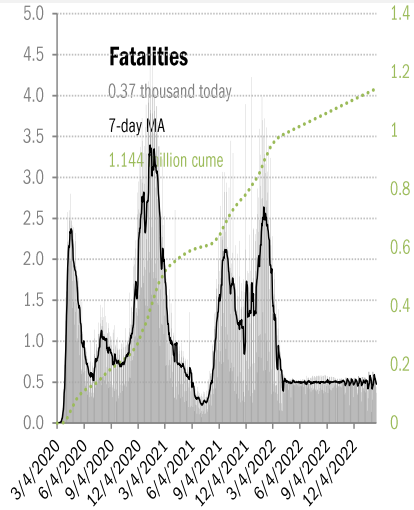
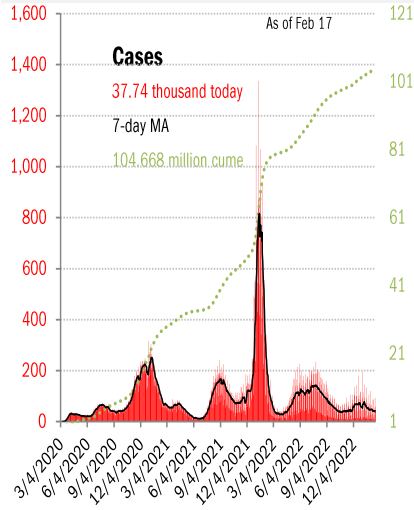
					WI						ME
					75.1%						95.0%
					68.2%						83.3%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH
85.2%	63.9%	68.3%	69.4%	78.8%	79.2%	69.4%			94.4%	95.0%	88.2%
76.0%	56.4%	59.2%	58.7%	72.1%	71.3%	62.3%			80.8%	85.7%	71.9%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA	
81.6%	77.6%	60.9%	83.9%	70.7%	64.4%	65.7%	90.6%		94.6%	95.0%	
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								
			76.4%								
			63.2%								
									FL		PR
									82.5%		90.9%
									69.4%		84.1%

## The demographics of US vaccination

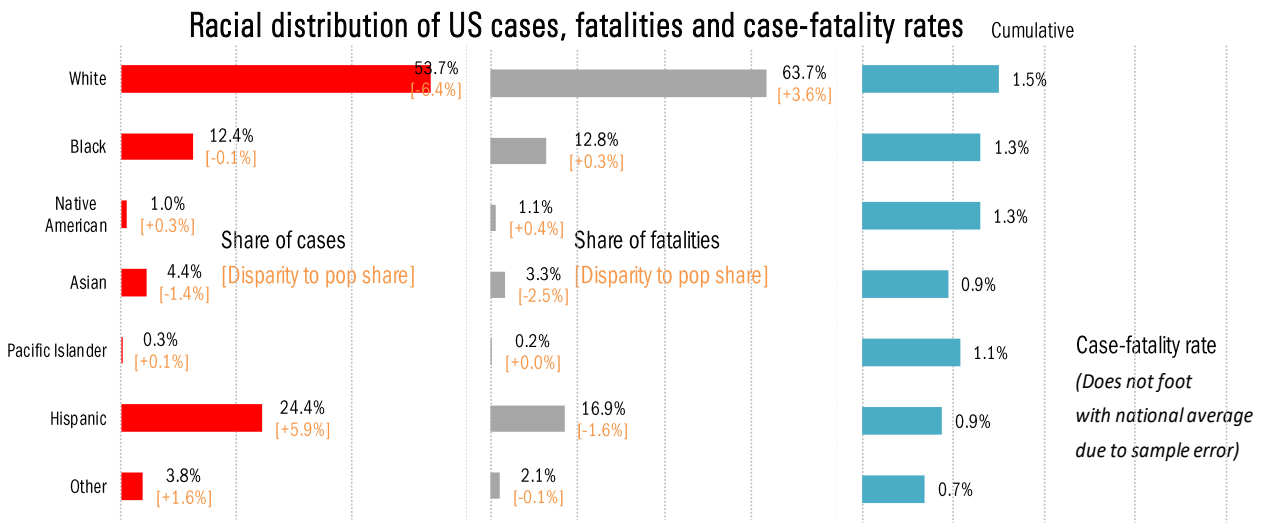
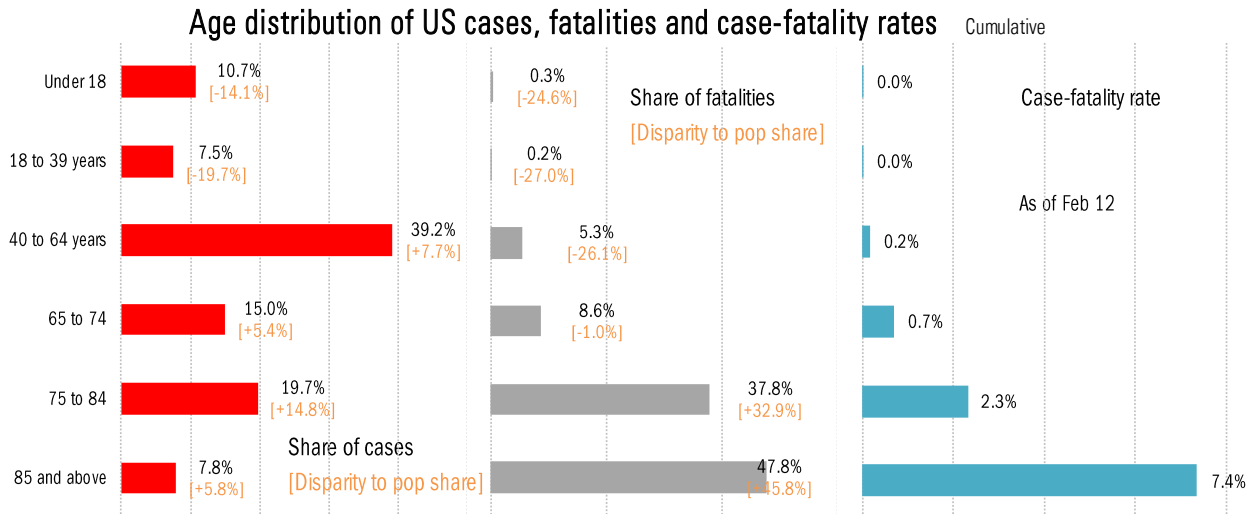


Source: CDC, CDC, Our World in Data, TrendMacro calculations

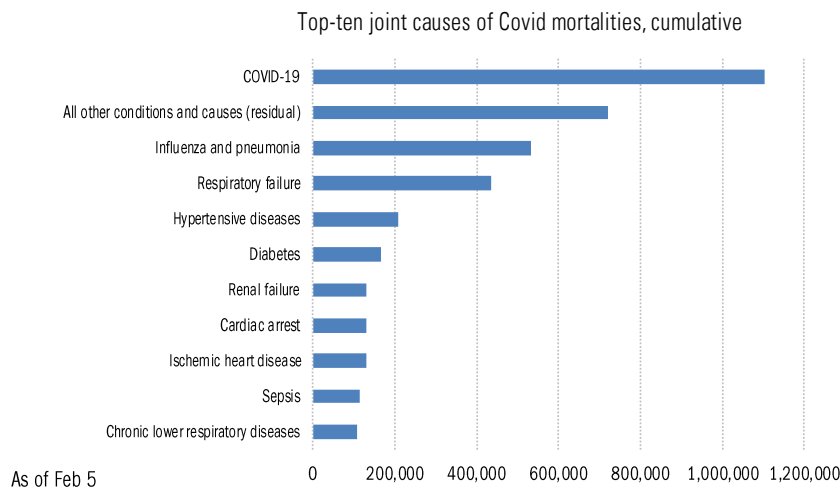
# US deep-dive



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

[The Bird Flu Outbreak Has Taken an Ominous Turn](#)

Maryn McKenna

*WIRED*

February 16, 2023

[The rise and fall of peer review](#)

Adam Mastroianni

*Experimental History*

December 13, 2022

[mRNA "vaccines" fail again](#)

Alex Berenson

*Unreported Truths*

February 17, 2023

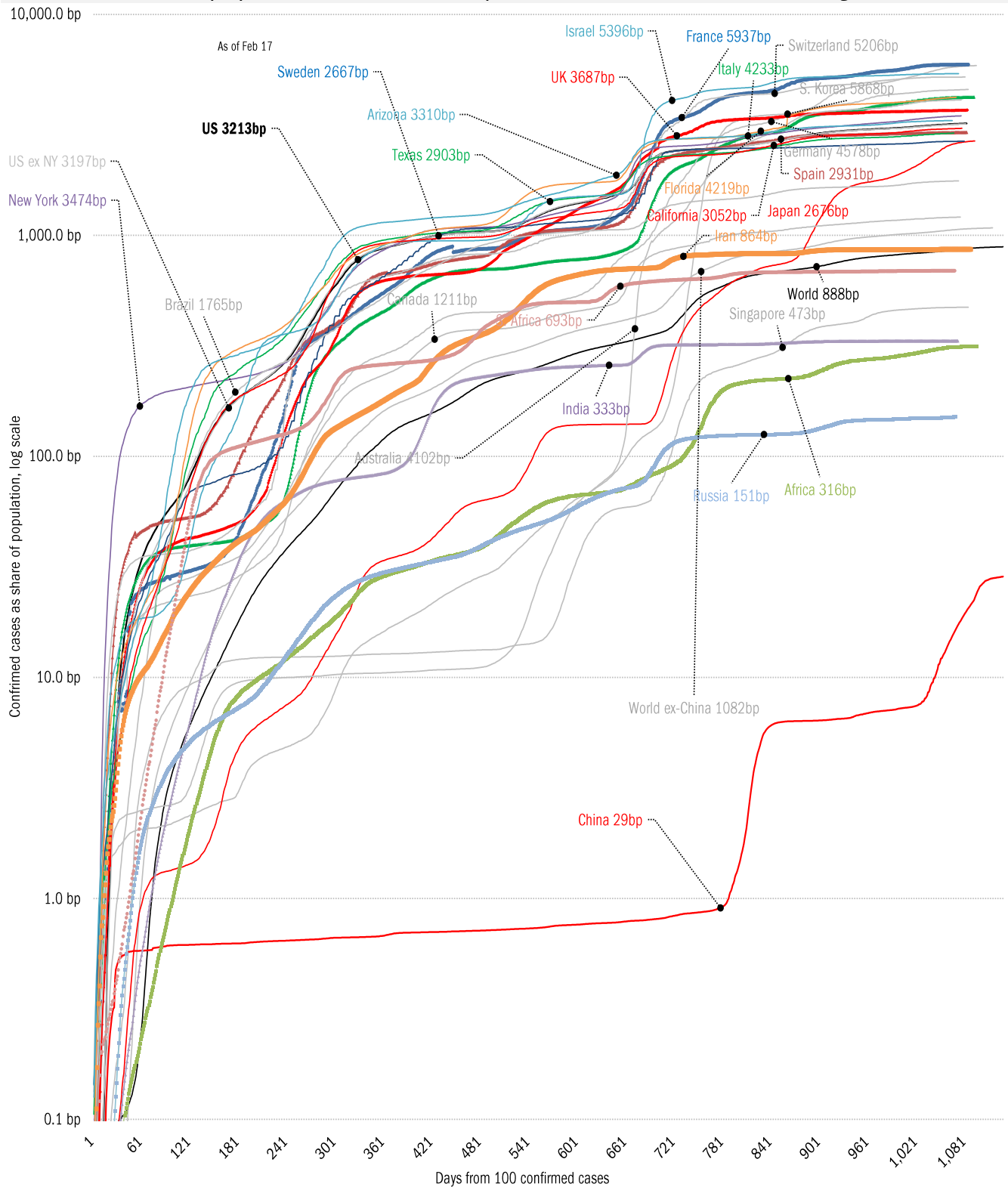
## Meme of the Day



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

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

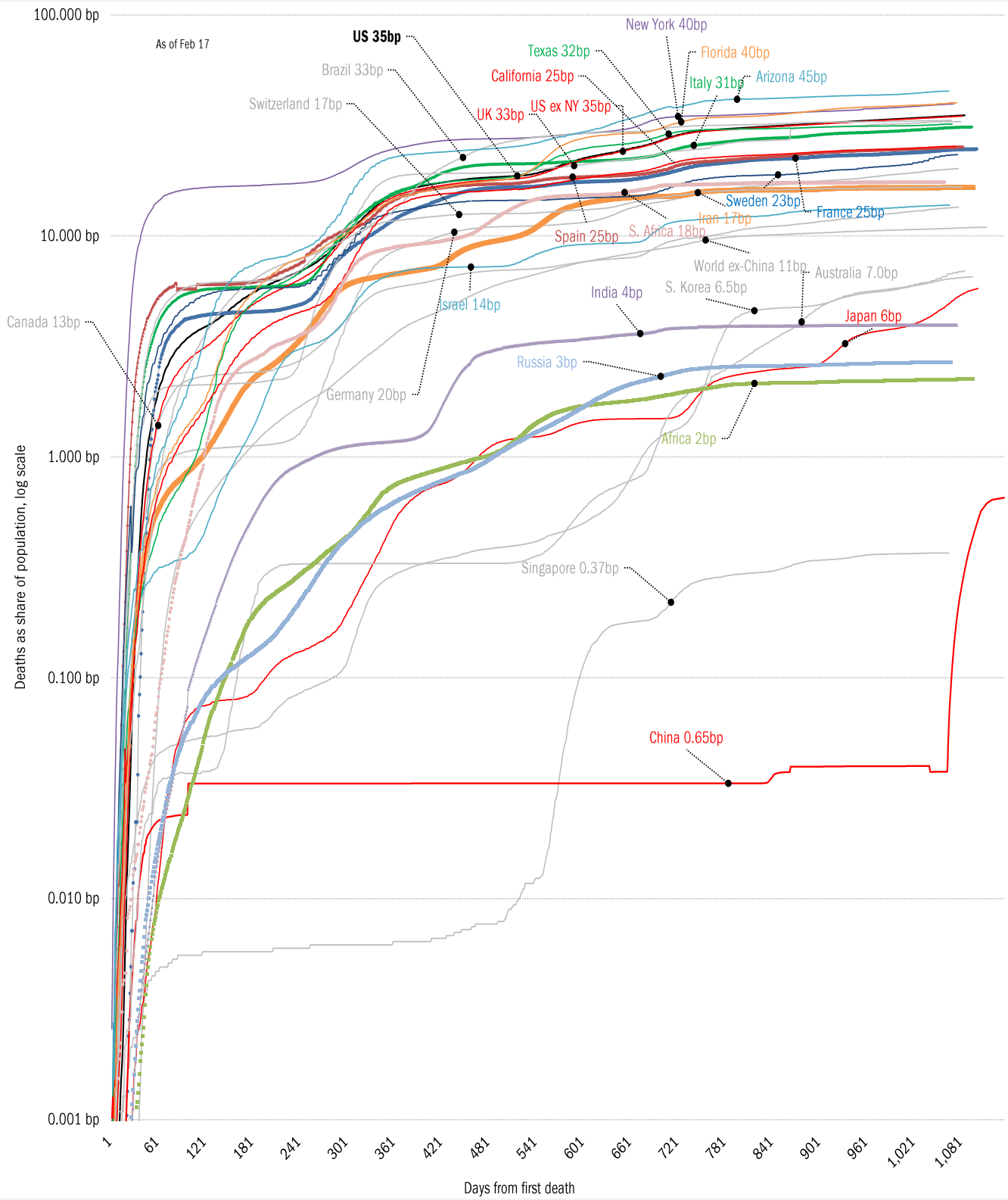
*Share of infected population from first day with 100 confirmed cases, log scale*



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*



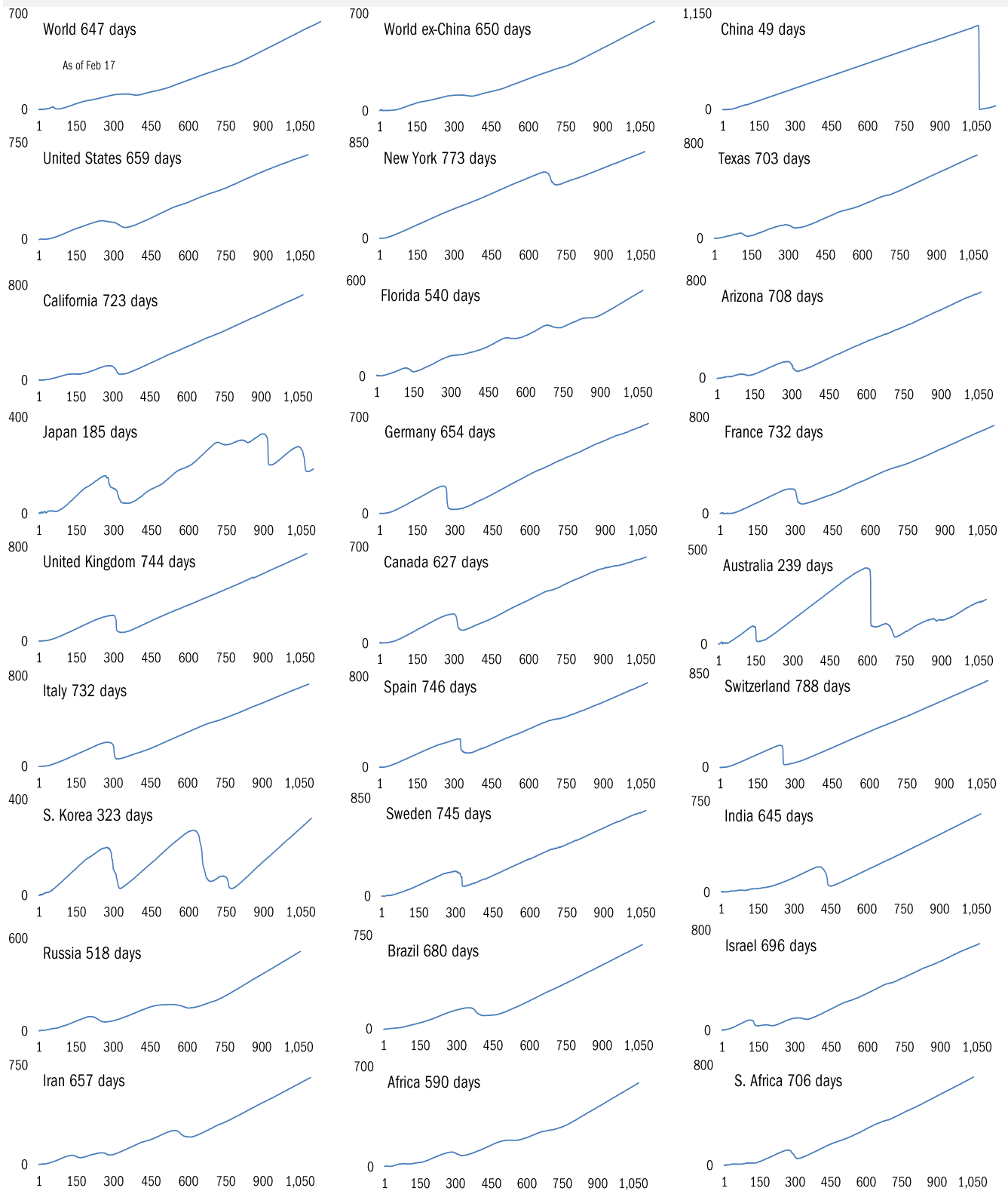
Source: [Johns Hopkins](#), TrendMacro calculations



# 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

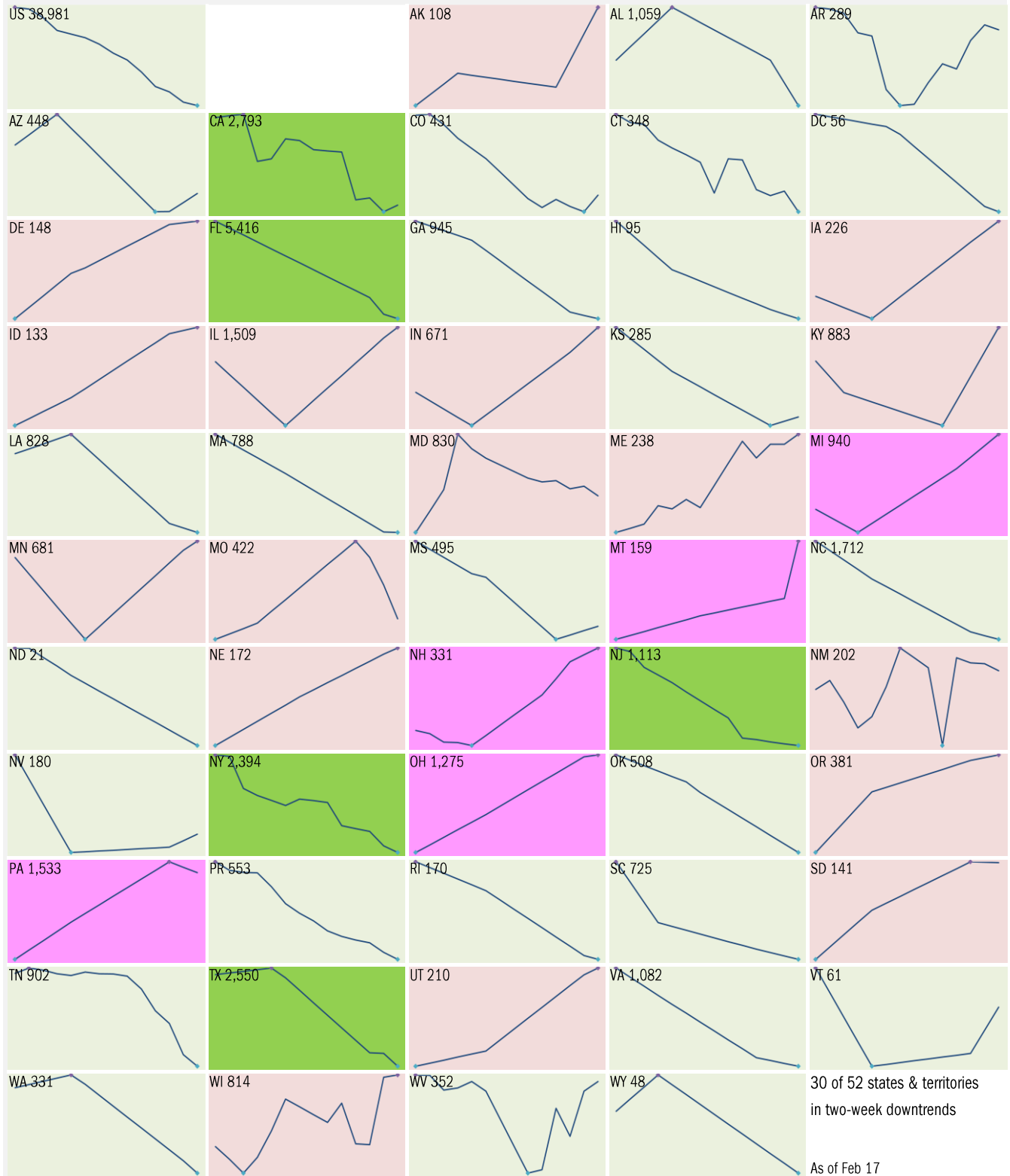


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

# 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

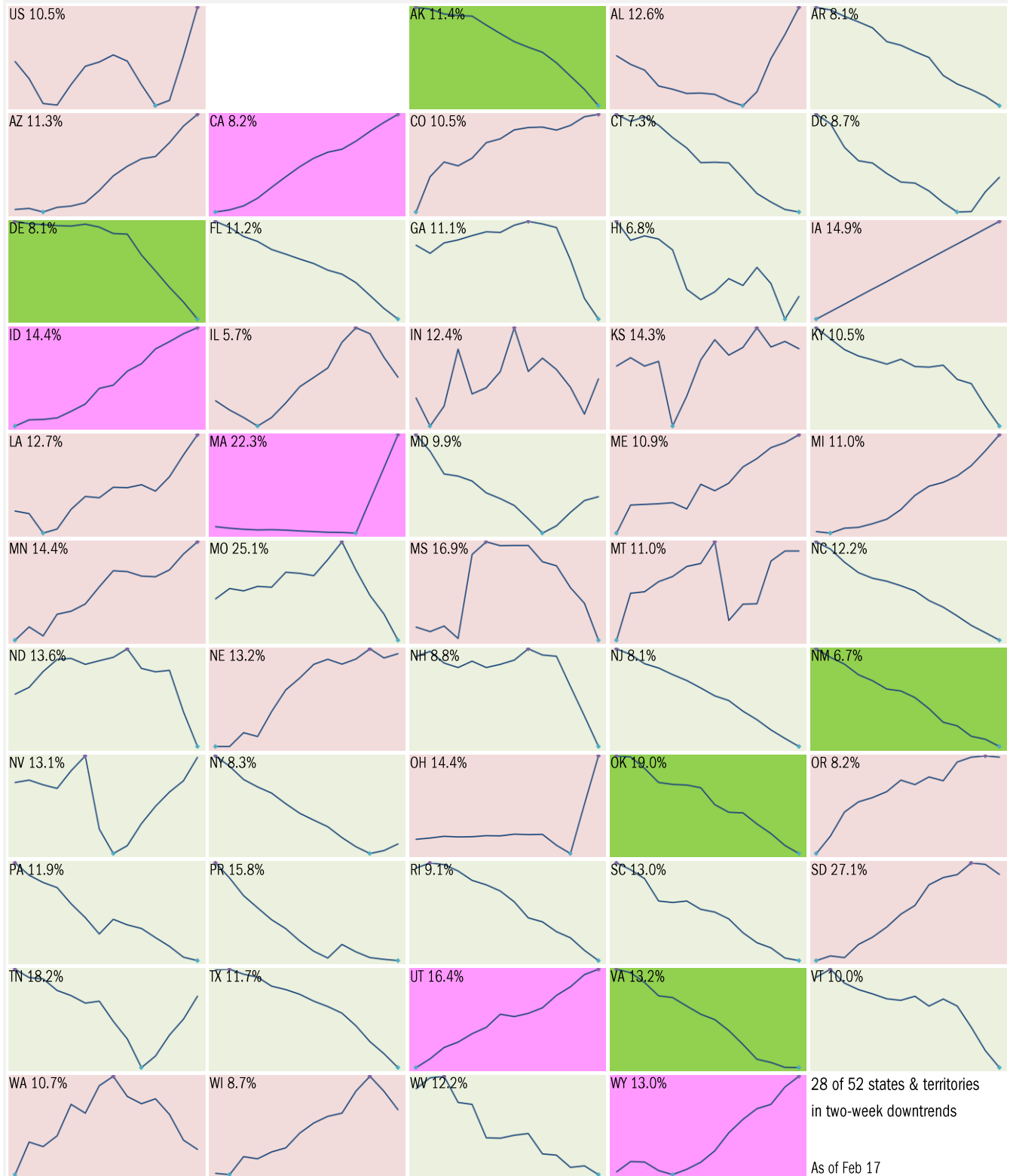


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

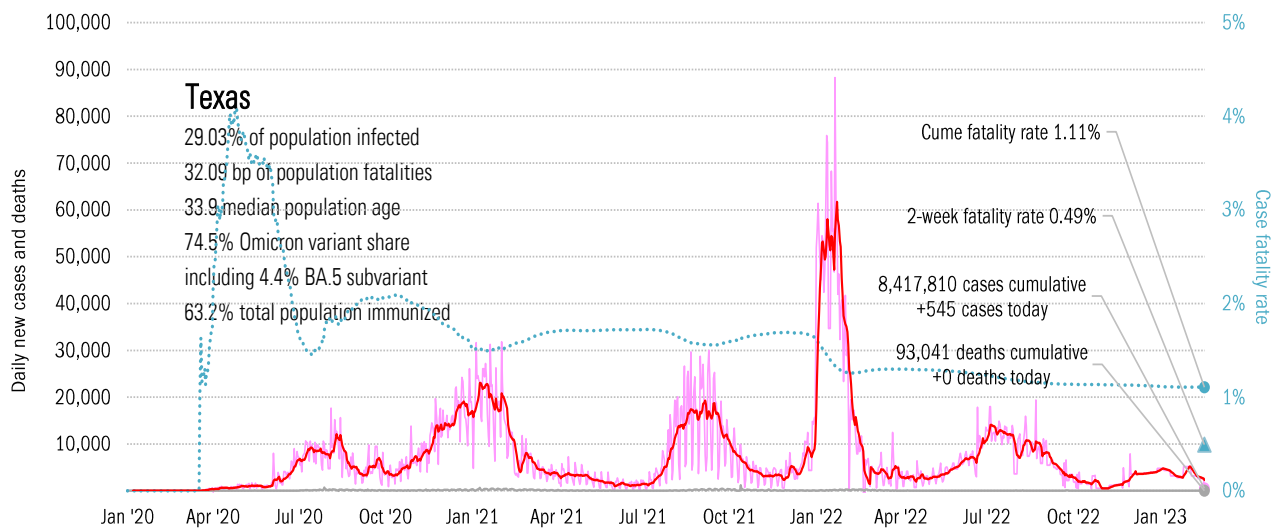
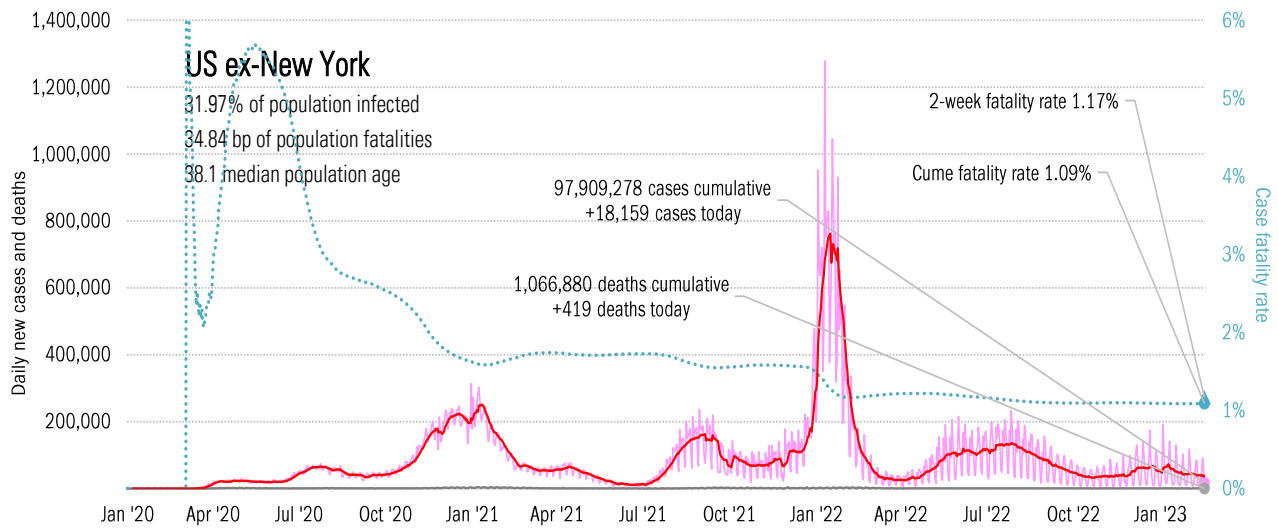
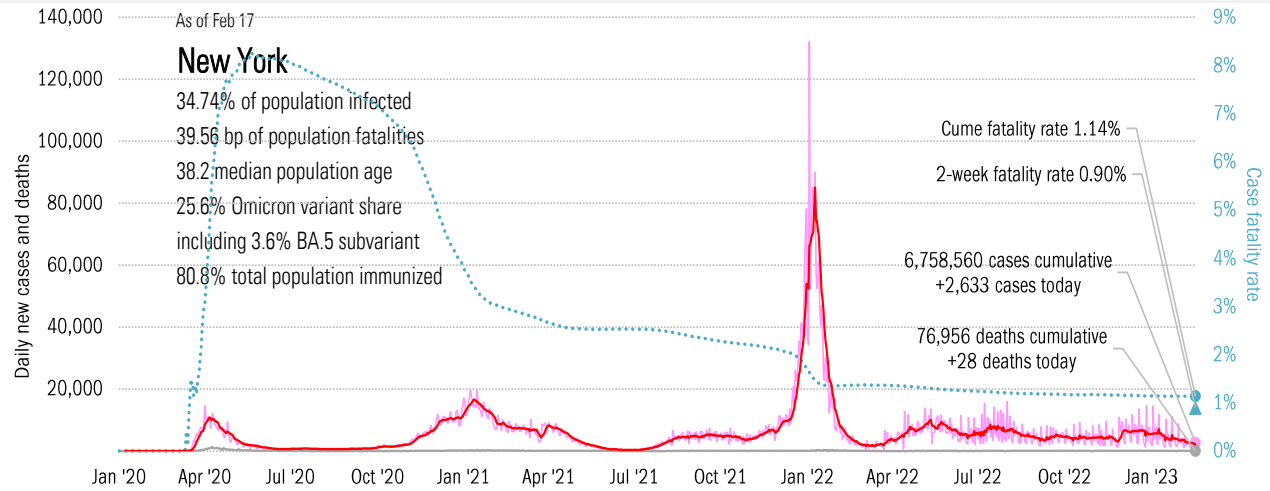
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

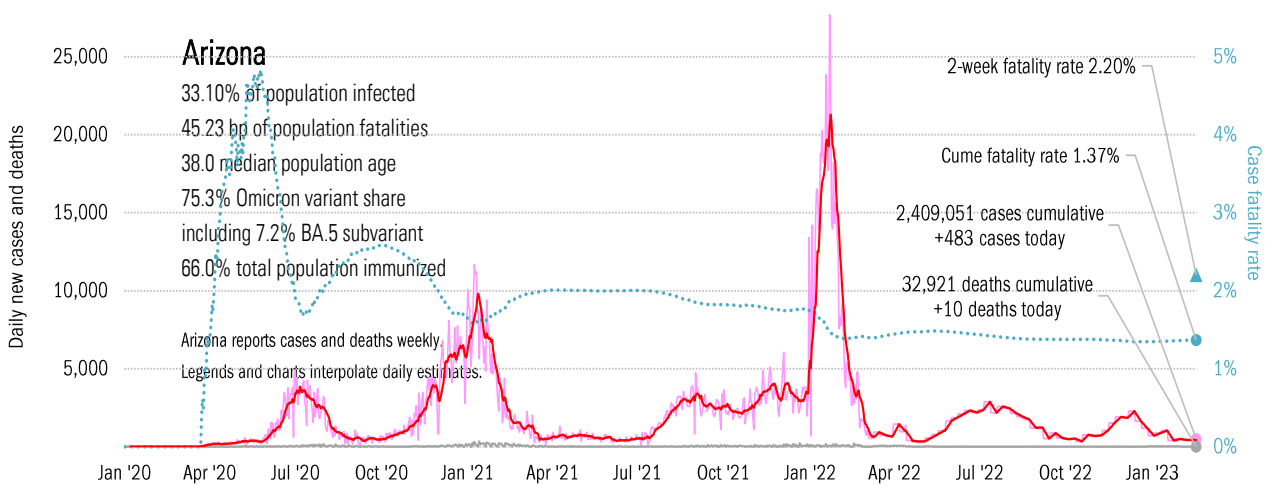
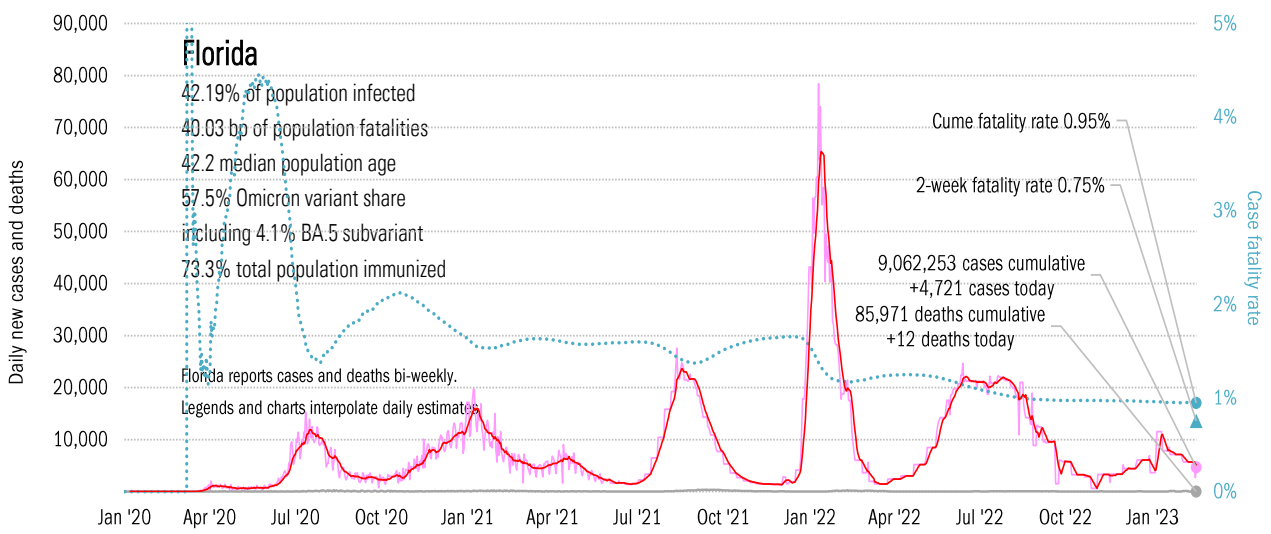
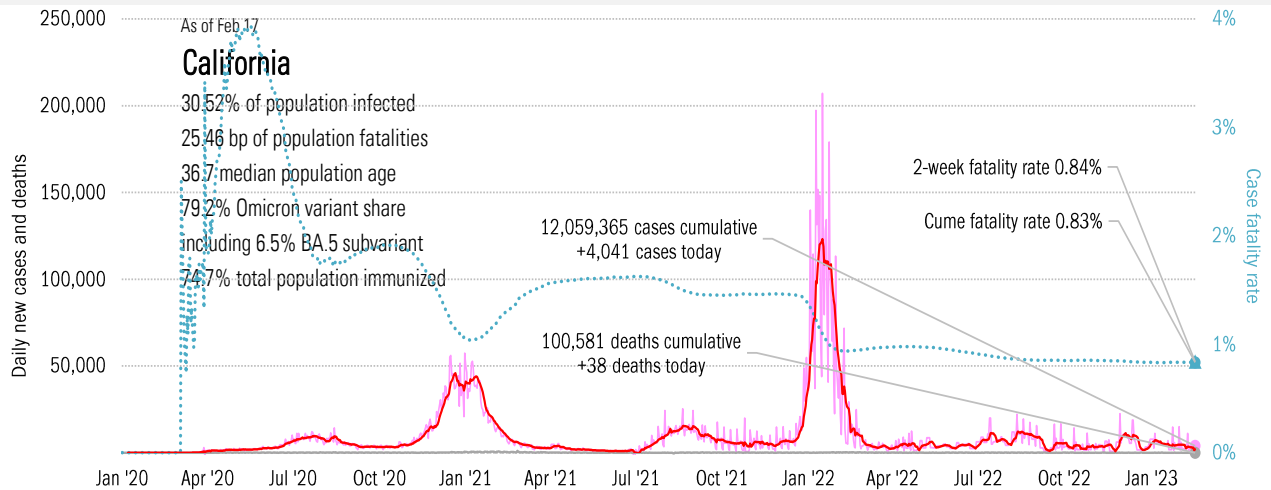
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

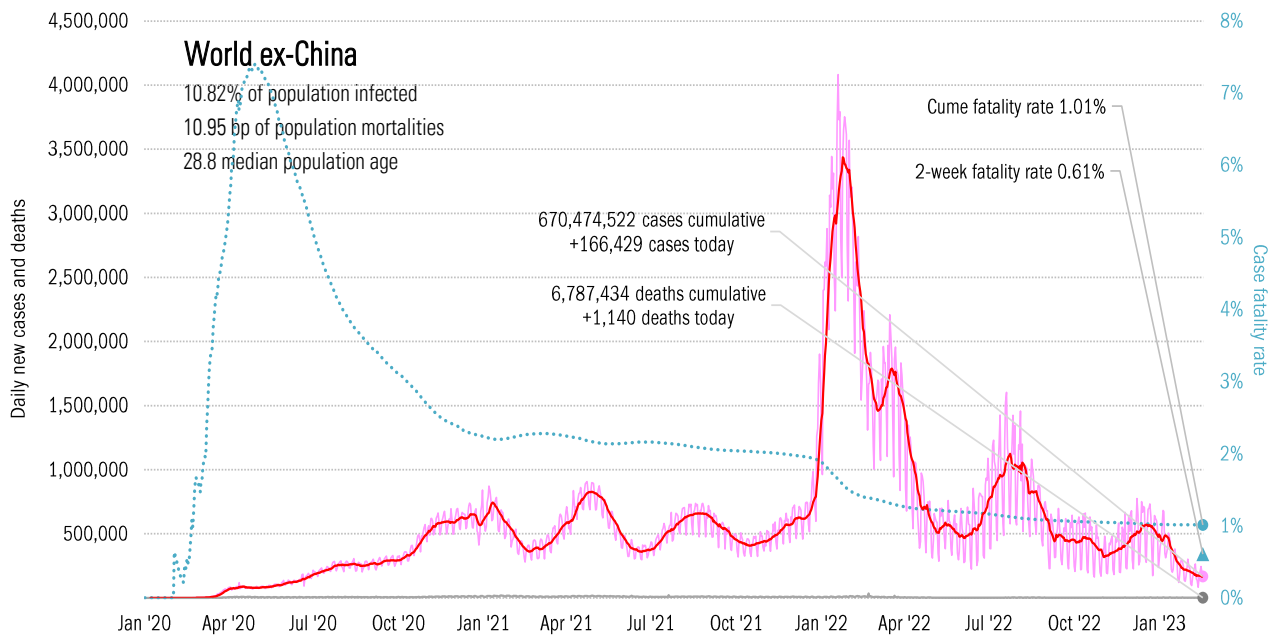
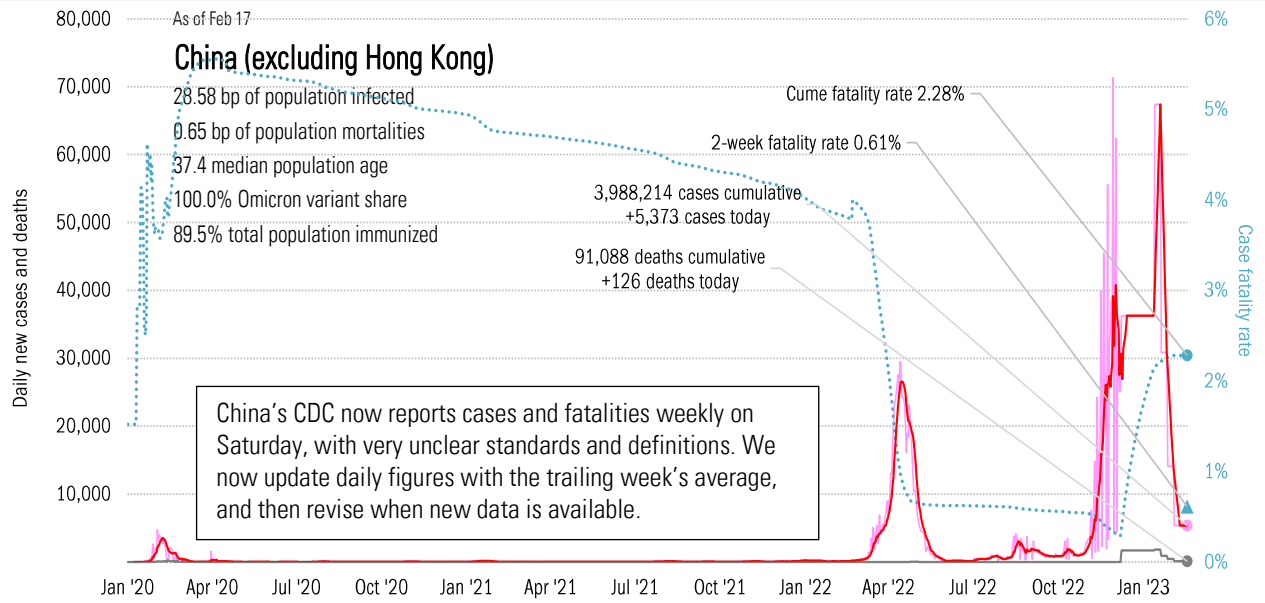
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

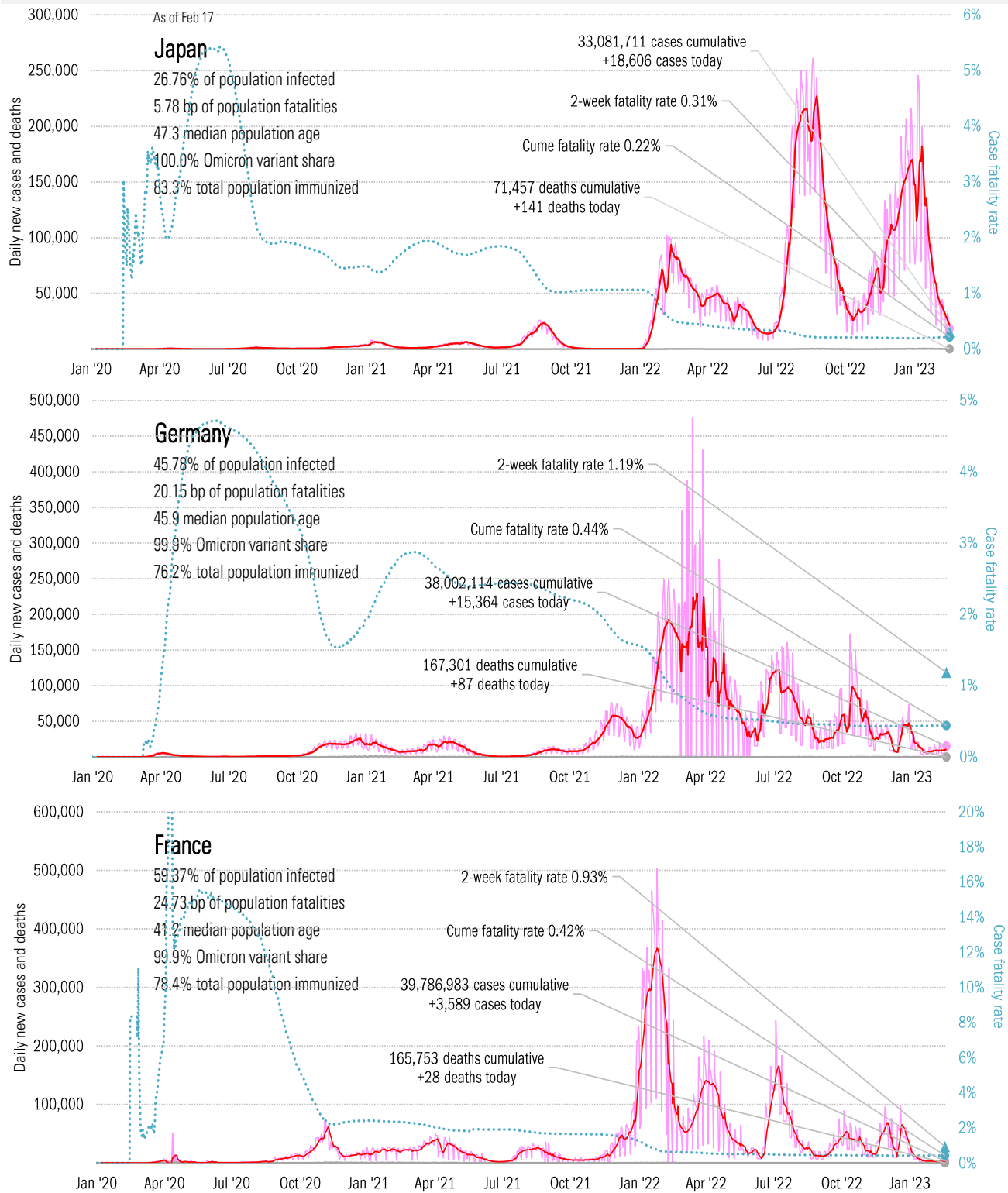
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

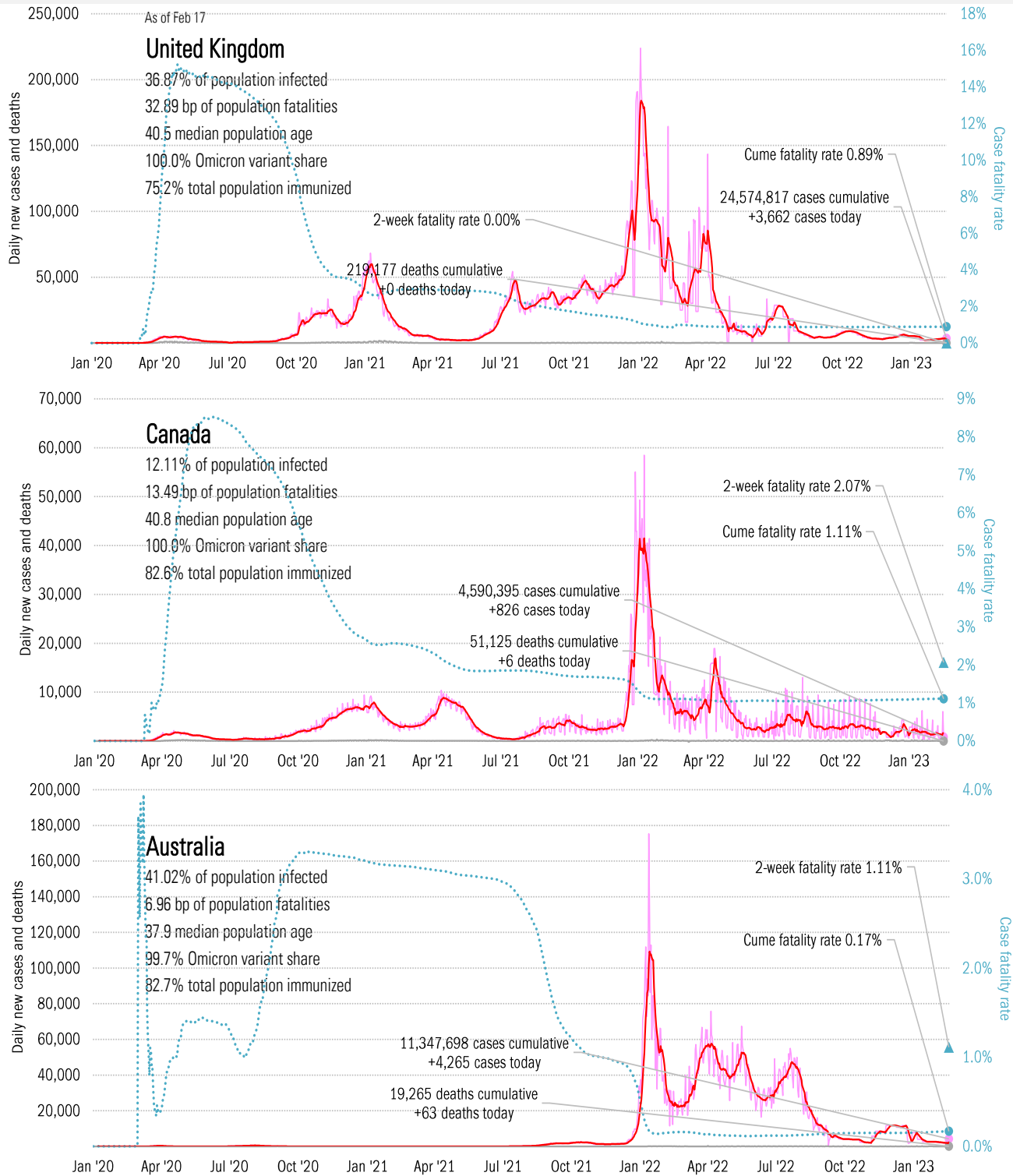
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

Cases: 7-day average and daily Deaths: Daily

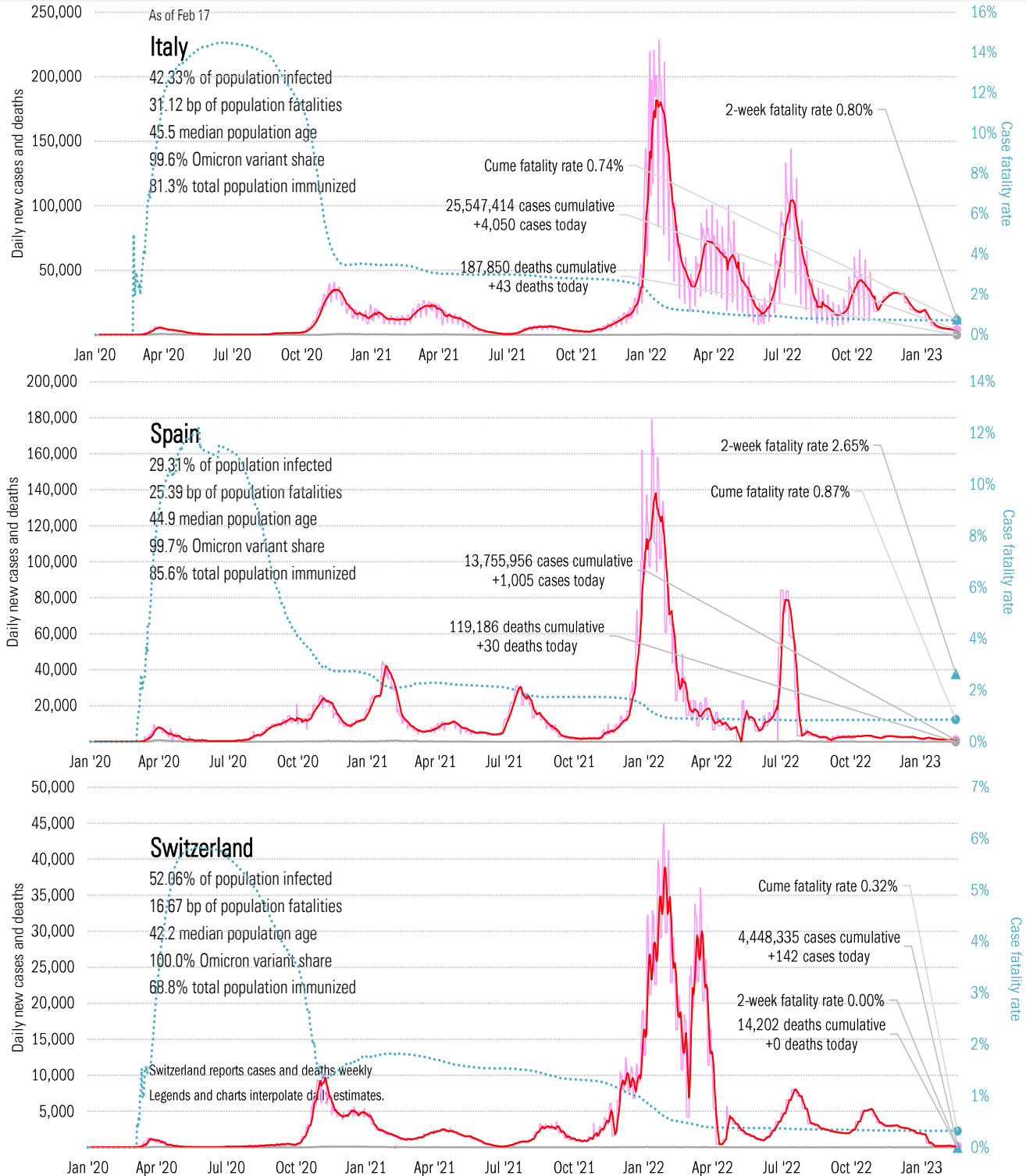


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in continental Europe

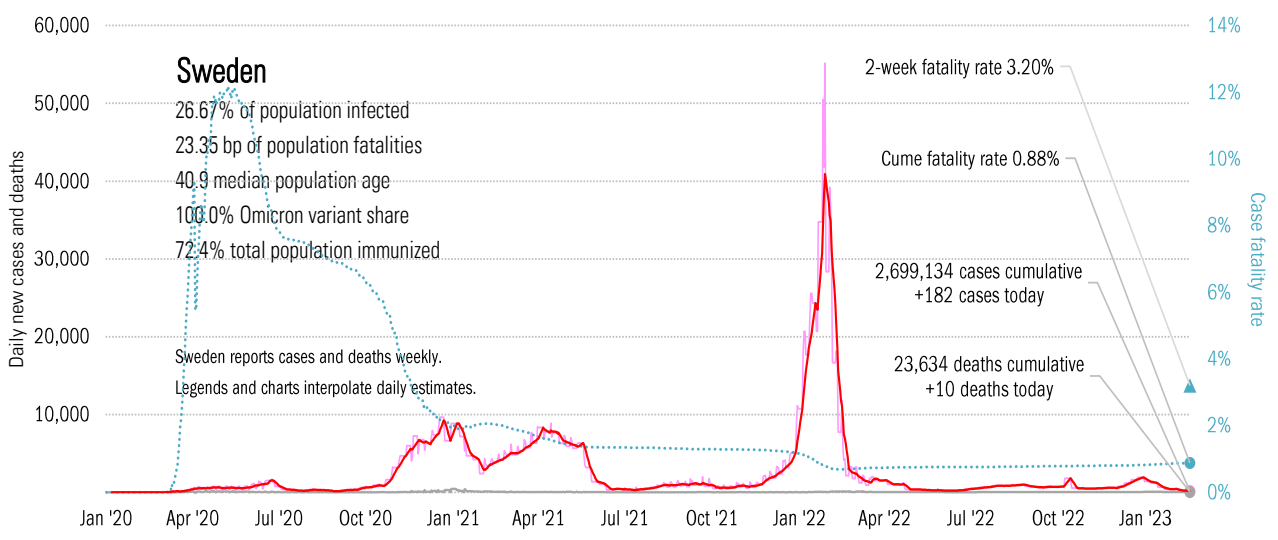
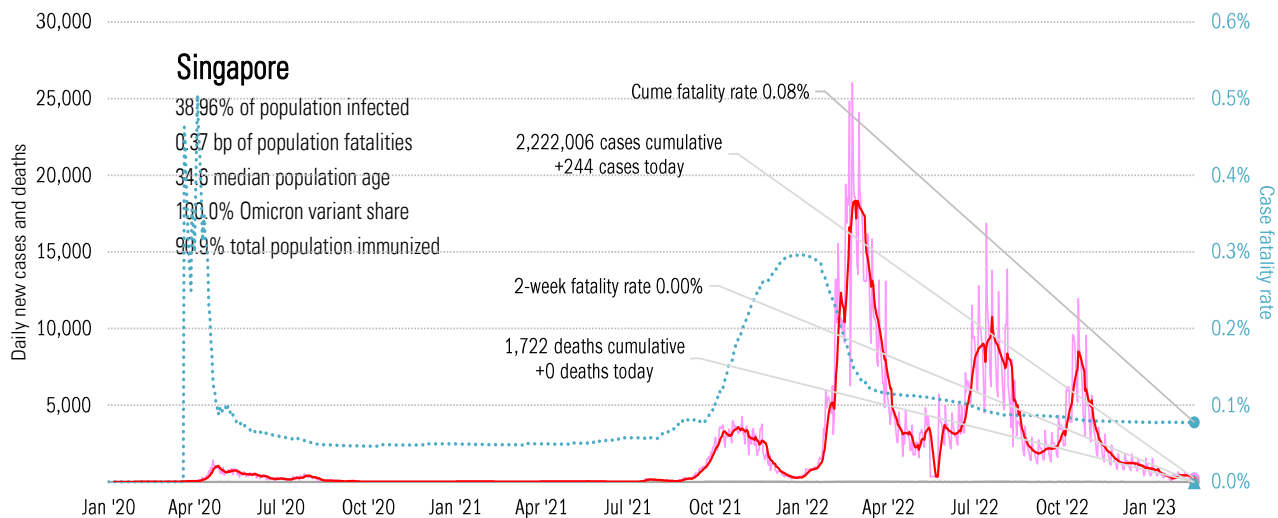
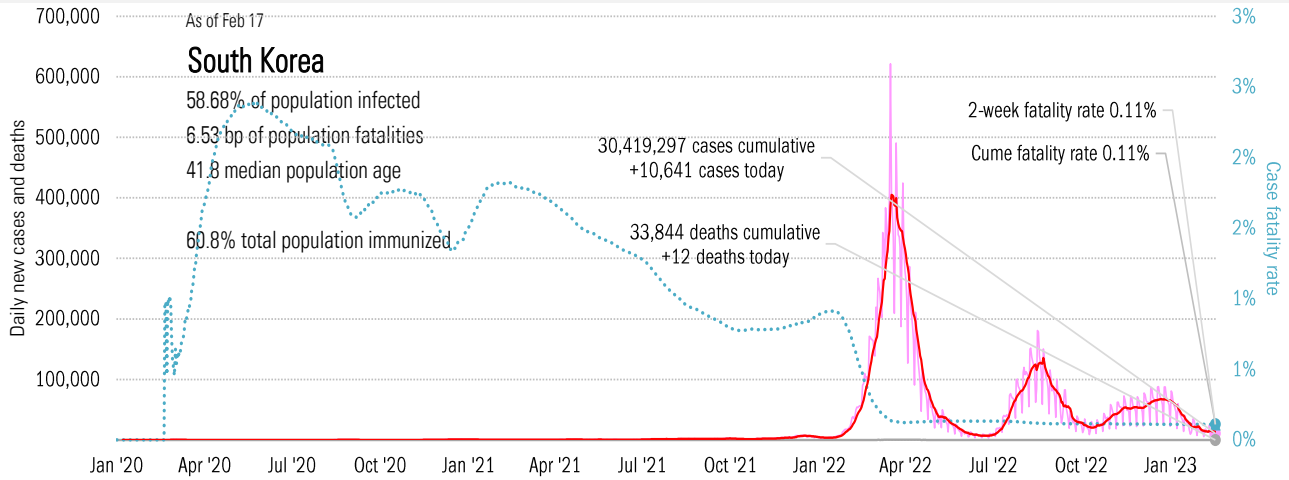
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

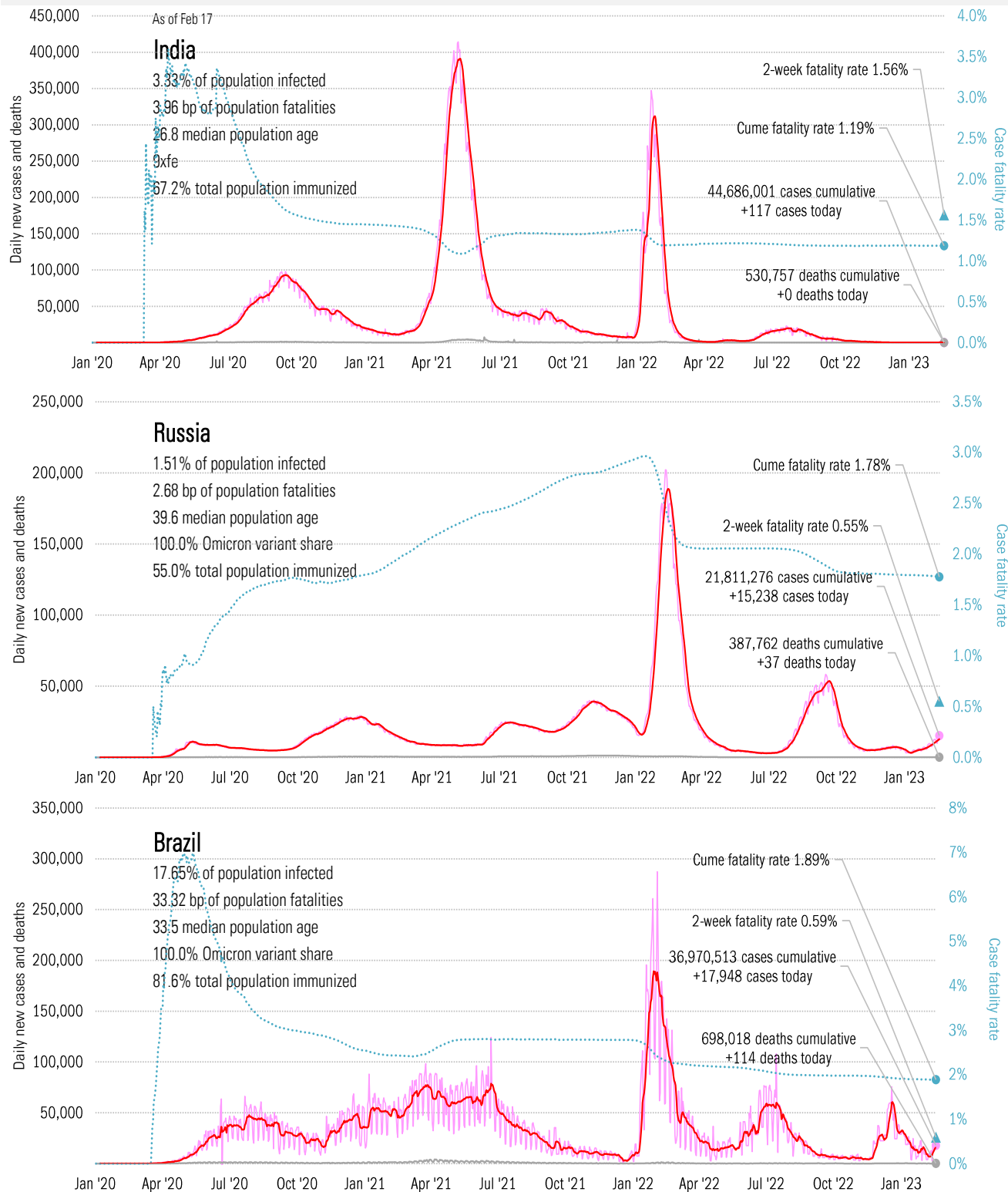
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

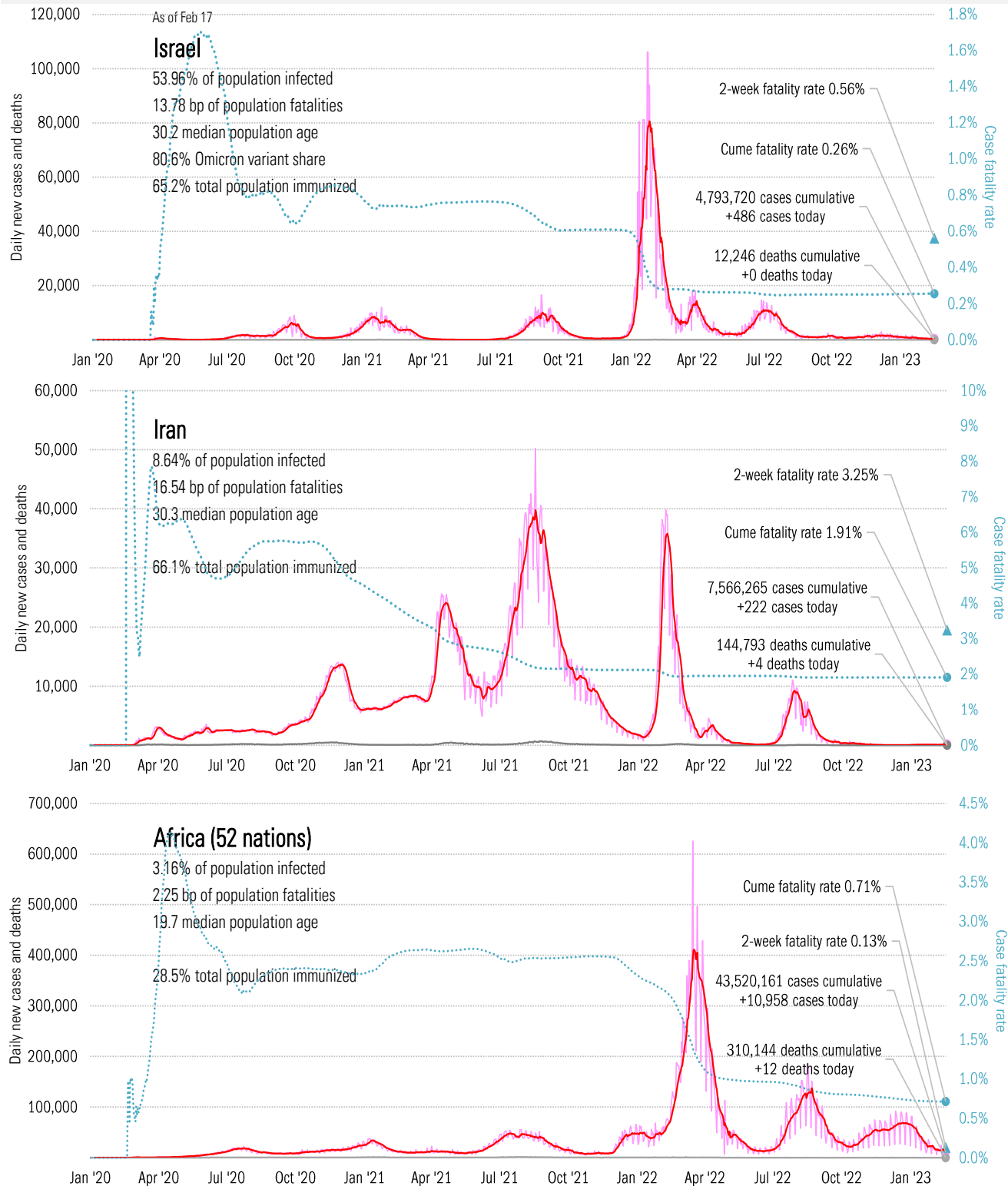
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

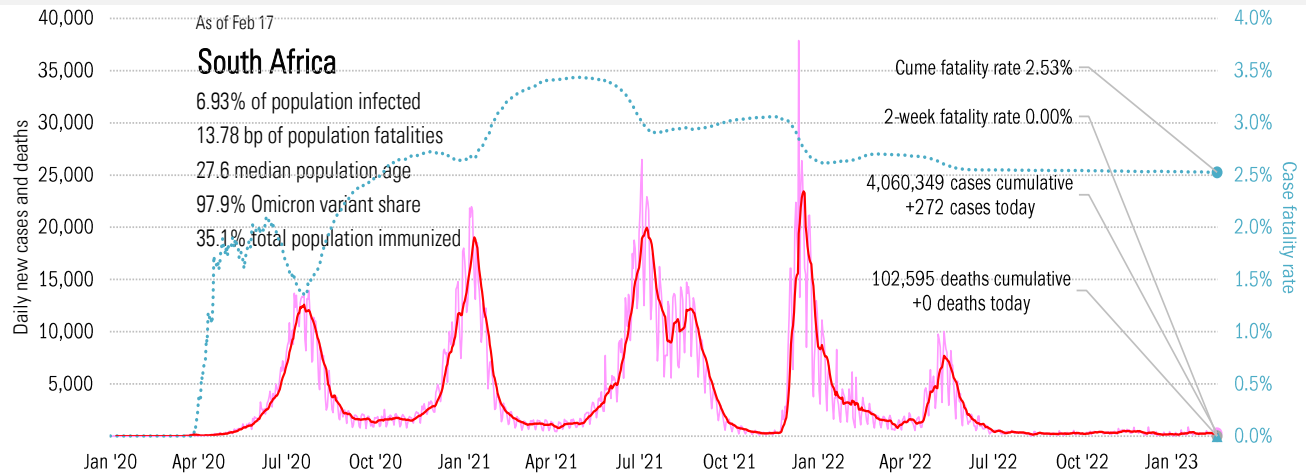
Cases: **7-day average** and **daily** Deaths: **Daily**



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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