

Data Insights: Covid-2019 Monitor

Monday, February 6, 2023

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries (see China note page 14)

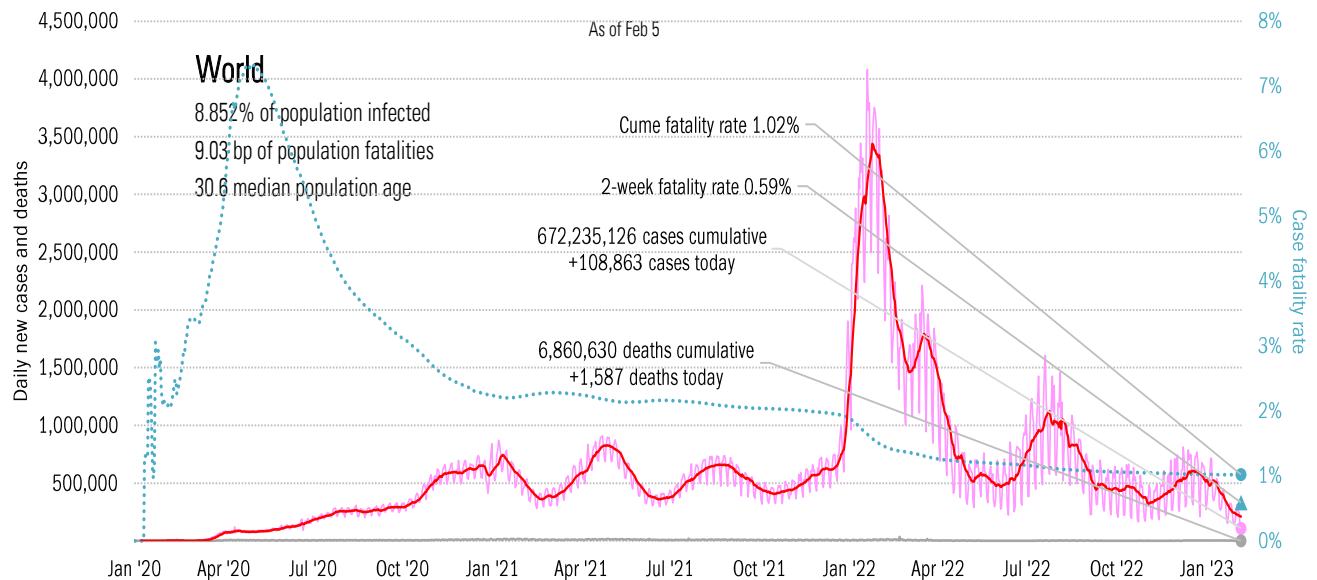
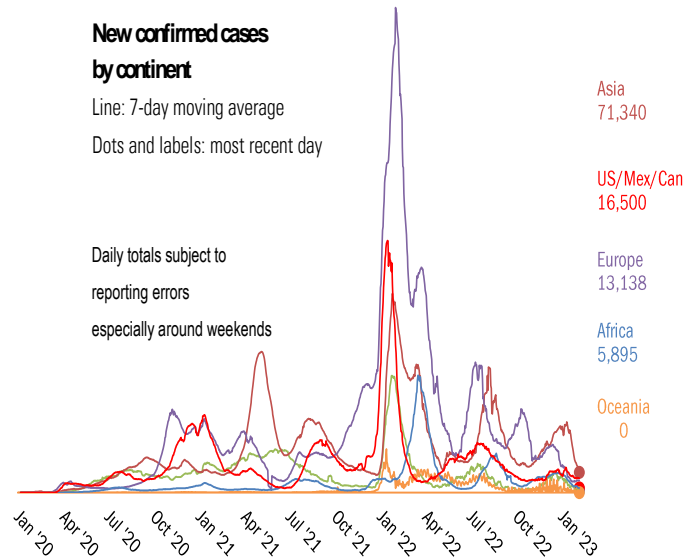
New cases		New Deaths	
United States	37,158	United States	470
Japan	32,459	China	468
Taiwan*	22,983	Japan	188
China	14,106	Germany	112
Germany	12,378	Mexico	82
Russia	9,355	Taiwan*	73
Mexico	8,365	Italy	63
Korea, South	5,850	Russia	45
Italy	4,911	Spain	40
France	3,618	Australia	36

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

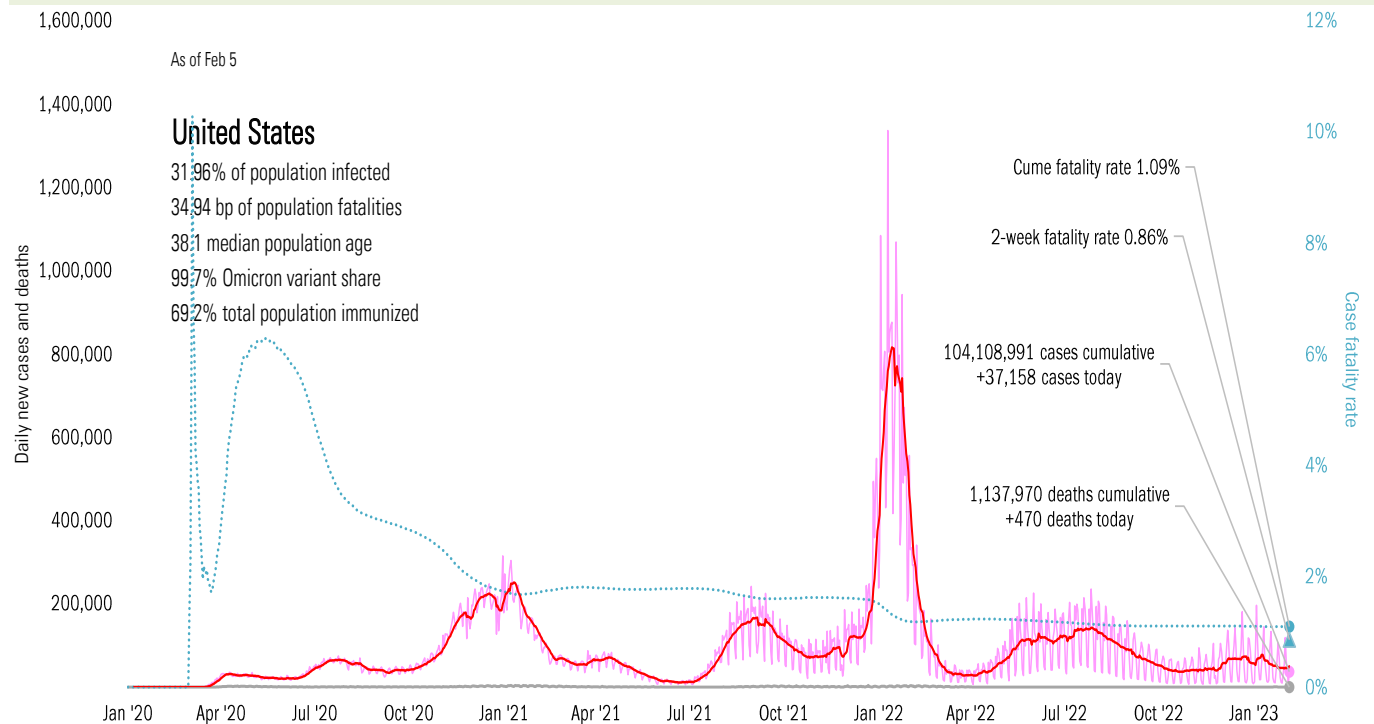
The ten worst US states

New cases			New deaths			New in hospital			Cumme cases			Cumme deaths			Cumme in hospital			Hospital use		ICU use		
FL	5,700		FL	112		PA	182		CA	12,008,942		CA	100,318		TX	583,383		MA	87%	TX	86%	
CA	3,326		MI	35		CA	392		TX	8,374,364		TX	92,716		CA	559,701		RI	85%	AL	86%	
NJ	1,971		MA	25		IL	136		FL	7,483,857		FL	85,710		FL	528,053		DE	85%	NC	86%	
NC	1,892		PA	23		WI	84		NY	6,727,794		NY	76,546		NY	349,670		WA	84%	RI	85%	
LA	1,462		GA	20		LA	65		IL	4,029,905		PA	49,791		CH	241,712		MD	84%	AK	84%	
IL	1,448		NE	19		NY	289		PA	3,479,345		GA	42,054		GA	240,021		MN	84%	MA	82%	
VA	1,393		SC	19		TN	80		NC	3,425,789		MI	41,690		PA	227,464		MO	83%	GA	81%	
PA	1,349		CA	17		MO	85		CH	3,356,027		CH	41,464		IL	210,988		NC	83%	NH	81%	
CH	1,180		AZ	15		MD	67		GA	3,035,874		IL	41,180		MI	178,980		AK	82%	MO	80%	
NY	1,165		TX	15		AL	65		MI	3,030,505		NJ	35,821		NJ	160,629		WV	81%	WV	79%	
20,887			300			1,445			54,952,402			607,290			3,280,601							
All states	37,158		470		3,630				All states	104,108,991		1,137,970		5,945,789				All states	70%		67%	
Top ten	56%		64%		40%				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	
CT	-545	AK	0	CH	-45
NY	-413	AL	0	TX	-24
AR	-250	AR	0	OR	-18
AK	0	AZ	0	MA	-16
AL	0	CA	0	AZ	-9

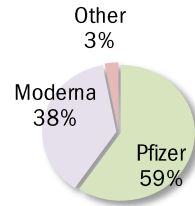


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	685,516,741		+0.147 million		US	69.1%	81.0%
			Of which boosters: +0.115 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	France	78.4%	80.6%
Total population	277,346,324	83%	236,447,801	71%	Spain	85.6%	86.9%
Age 12 to 17	18,446,236	73%	15,790,380	62%	Germany	76.2%	77.8%
Age 18 to 64	184,412,810	91%	156,755,065	77%	Italy	81.3%	86.2%
Age 65 and over	61,023,896	100%	53,463,192	98%	Australia	82.7%	85.0%
					Israel	65.2%	71.1%
					Canada	82.6%	90.4%
					Japan	83.3%	84.4%
					Africa	28.2%	34.2%
					India	67.1%	72.5%
					Brazil	81.5%	87.8%
					China	89.5%	91.9%



AK
72.9%
65.1%

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

"Immunity" = two doses

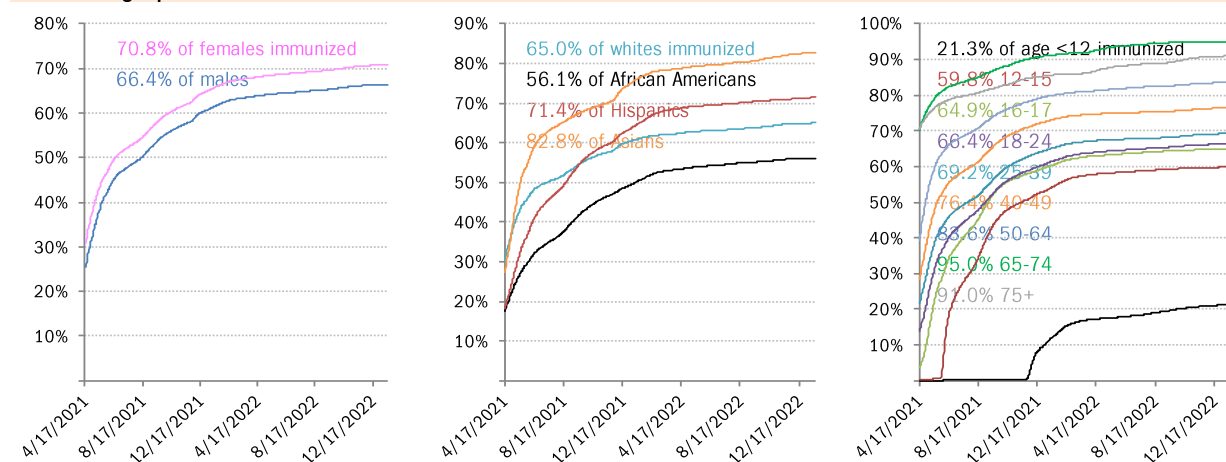
Best
Middle
Worst

As of Jan 27

AK	"Immunity" = two doses					WI	As of Jan 27					ME
72.9%						75.0%						95.0%
65.1%						68.1%						83.2%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH		
85.1%	63.8%	68.2%	69.3%	78.7%	79.0%	69.4%		94.3%	95.0%	88.0%		
75.9%	56.4%	59.1%	58.6%	72.0%	71.1%	62.3%		80.7%	85.5%	71.8%		
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA			
81.5%	77.5%	60.8%	83.7%	70.6%	64.3%	65.7%	90.4%	94.5%	95.0%			
72.3%	63.6%	53.0%	66.2%	64.3%	57.7%	60.4%	73.2%	79.0%	84.1%			
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI		
84.6%	75.1%	83.5%	73.3%	69.2%	68.8%	67.4%	90.9%	91.6%	95.0%	95.0%		
74.6%	66.6%	73.4%	66.2%	59.0%	59.6%	59.6%	76.5%	79.6%	82.9%	87.6%		
	AZ	NM	KS	AR	TN	NC	SC	DC	DE			
	77.4%	94.2%	76.1%	69.8%	64.4%	92.0%	70.9%	95.0%	88.1%			
	65.9%	75.1%	65.2%	56.8%	56.2%	67.0%	59.8%	90.2%	73.2%			
			OK	LA	MS	AL	GA					
			74.5%	62.7%	61.6%	64.9%	68.3%					
			60.4%	55.0%	53.6%	53.1%	57.2%					
HI			TX					FL		PR		
91.3%			76.3%					82.4%		90.8%		
81.4%			63.2%					69.3%		83.9%		

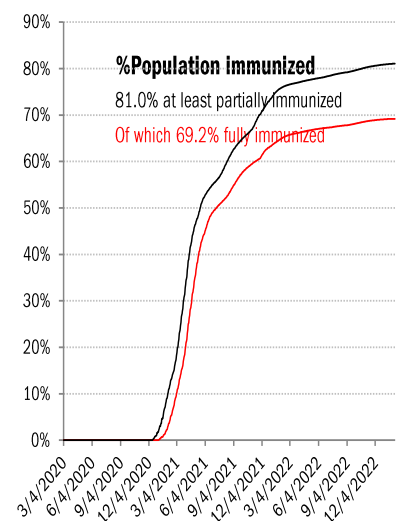
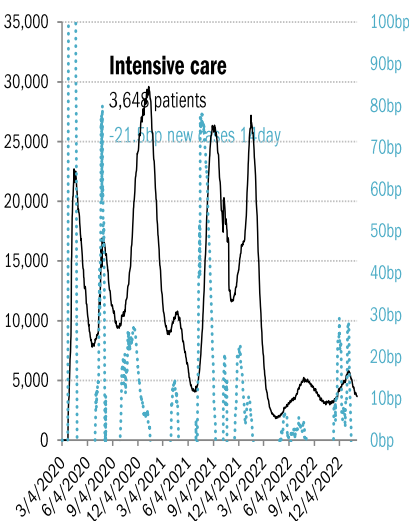
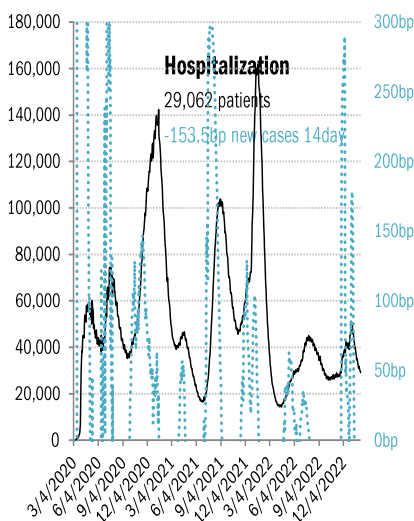
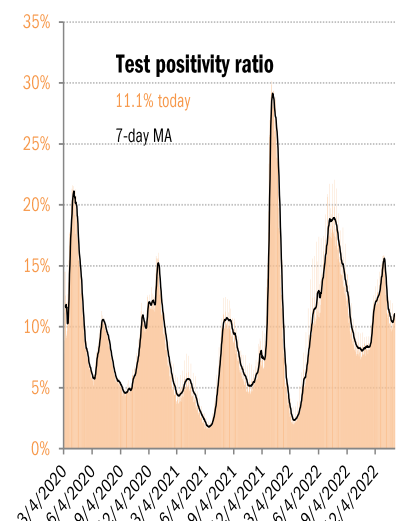
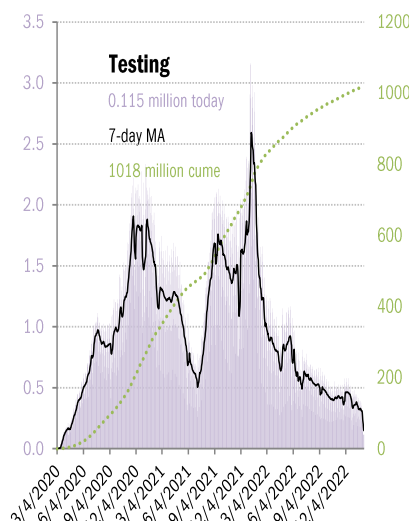
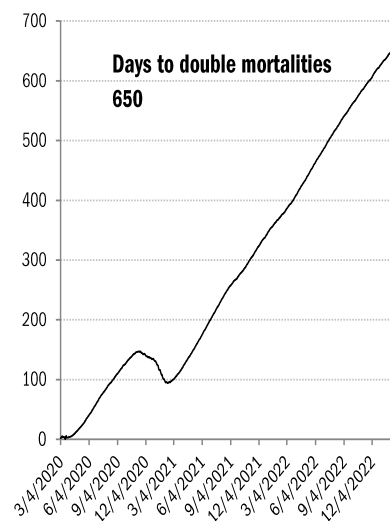
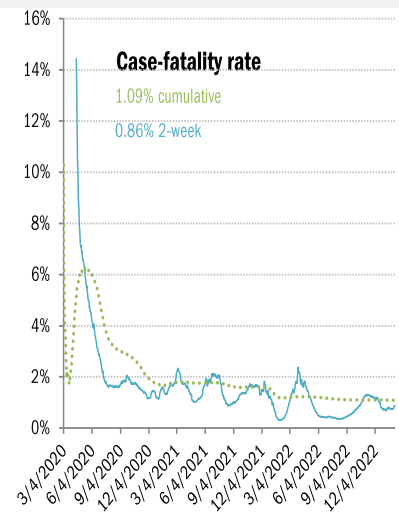
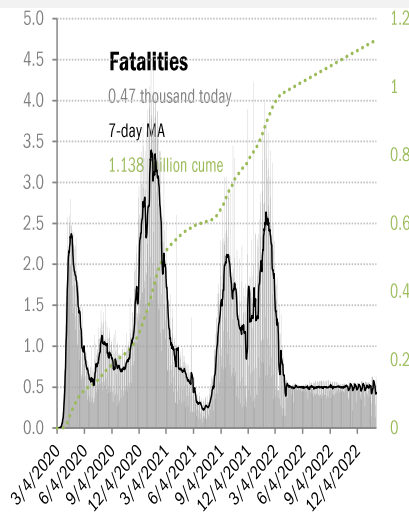
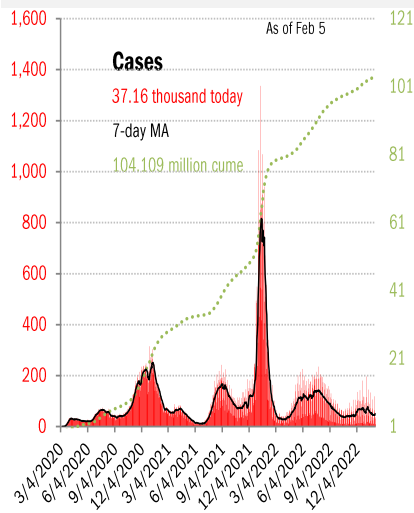
HI
91.3%
81.4%

The demographics of US vaccination

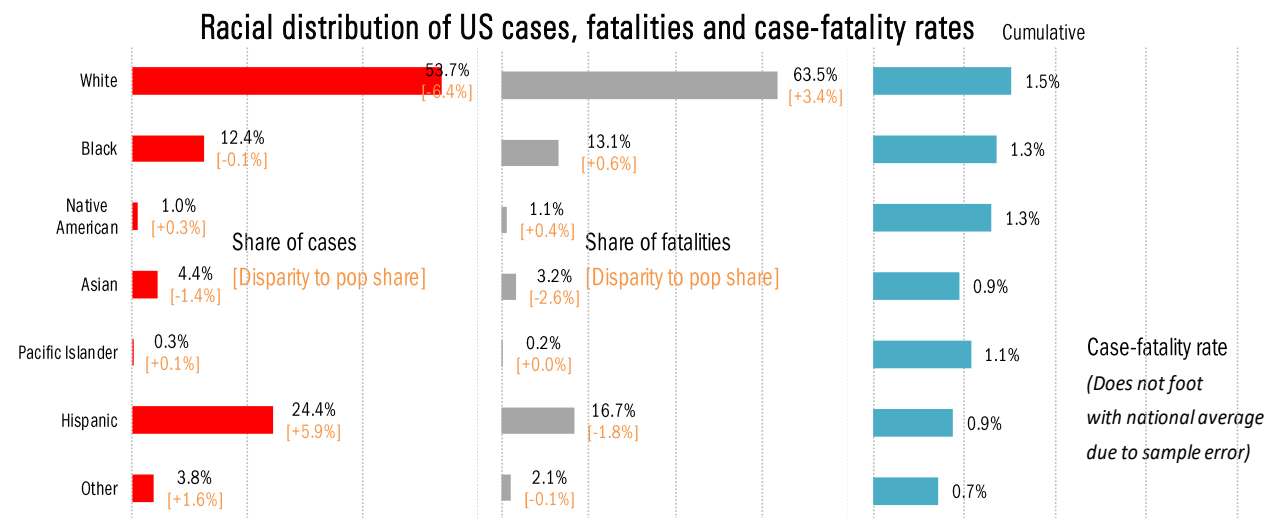
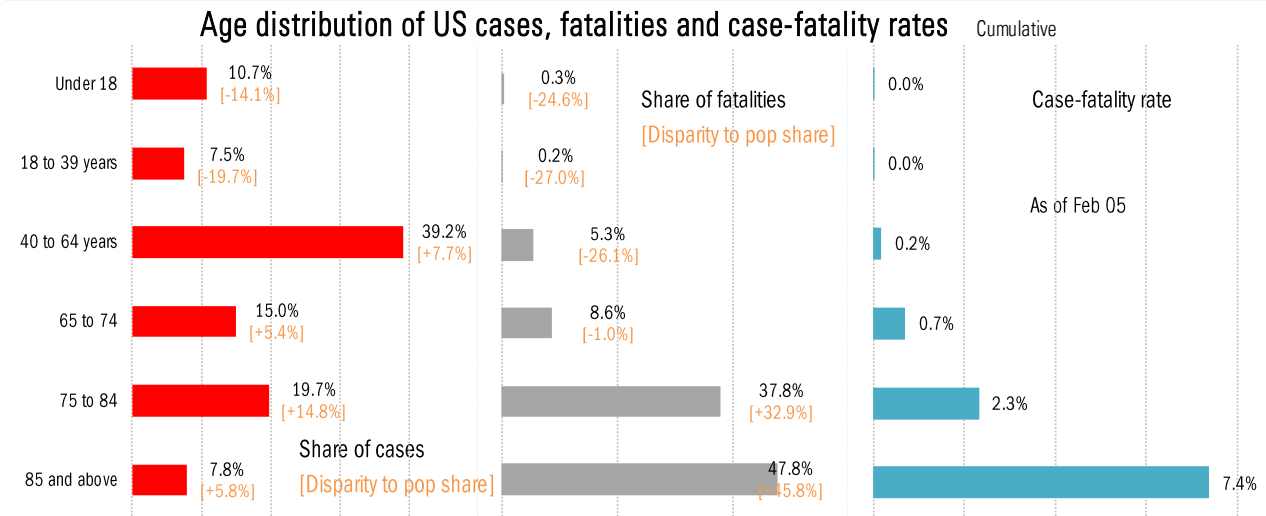


Source: CDC, CDC, Our World in Data, TrendMacro calculations

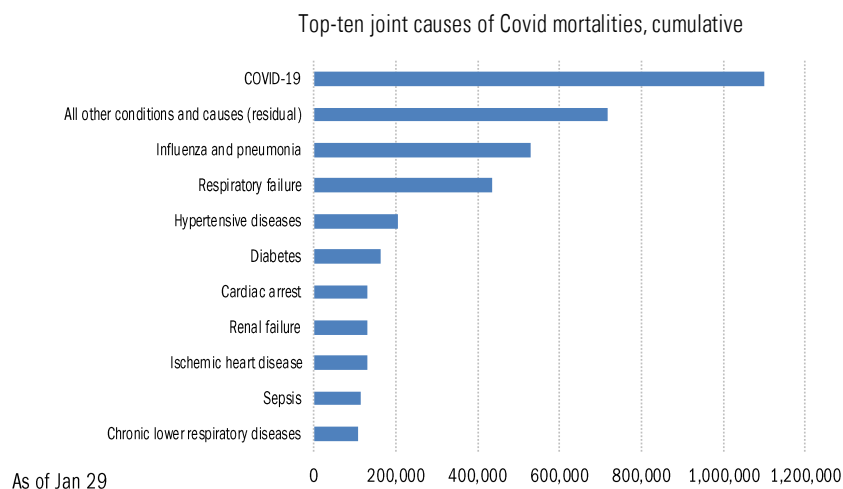
US deep-dive



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

[NEW: Pfizer Director Jordon Trishton Walker Shares Concern for COVID Vaccine Effect on Women's Reproductive Health ... 'There is Something Irregular About the Menstrual Cycles' ... 'Affecting Something Hormonal'](#)

Project Veritas

February 2, 2023

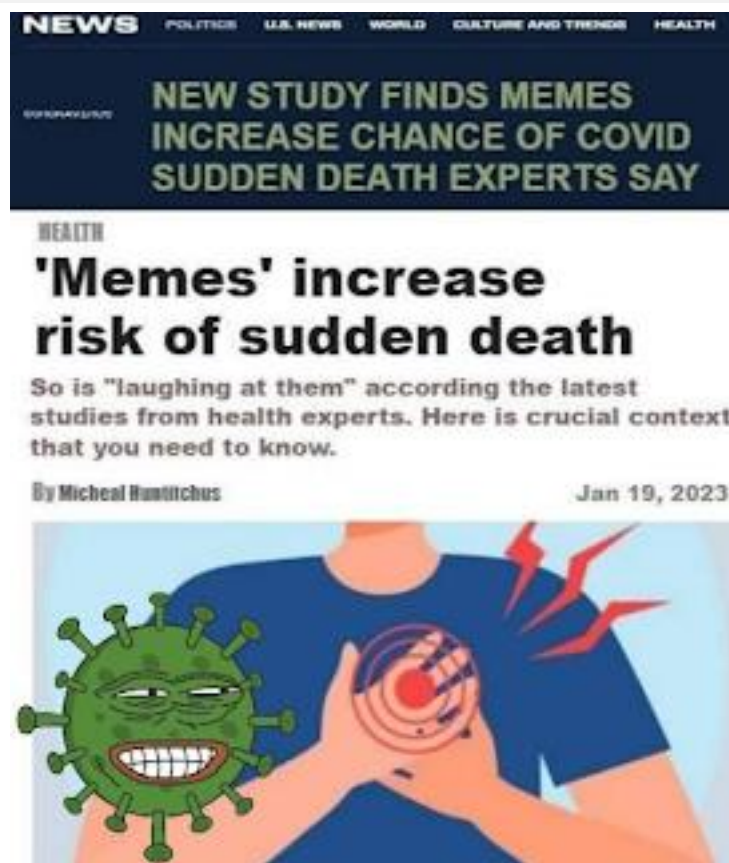
[Why Vaccine Skepticism Is Growing on the Right](#)

Allysia Finley

Wall Street Journal

February 5, 2023

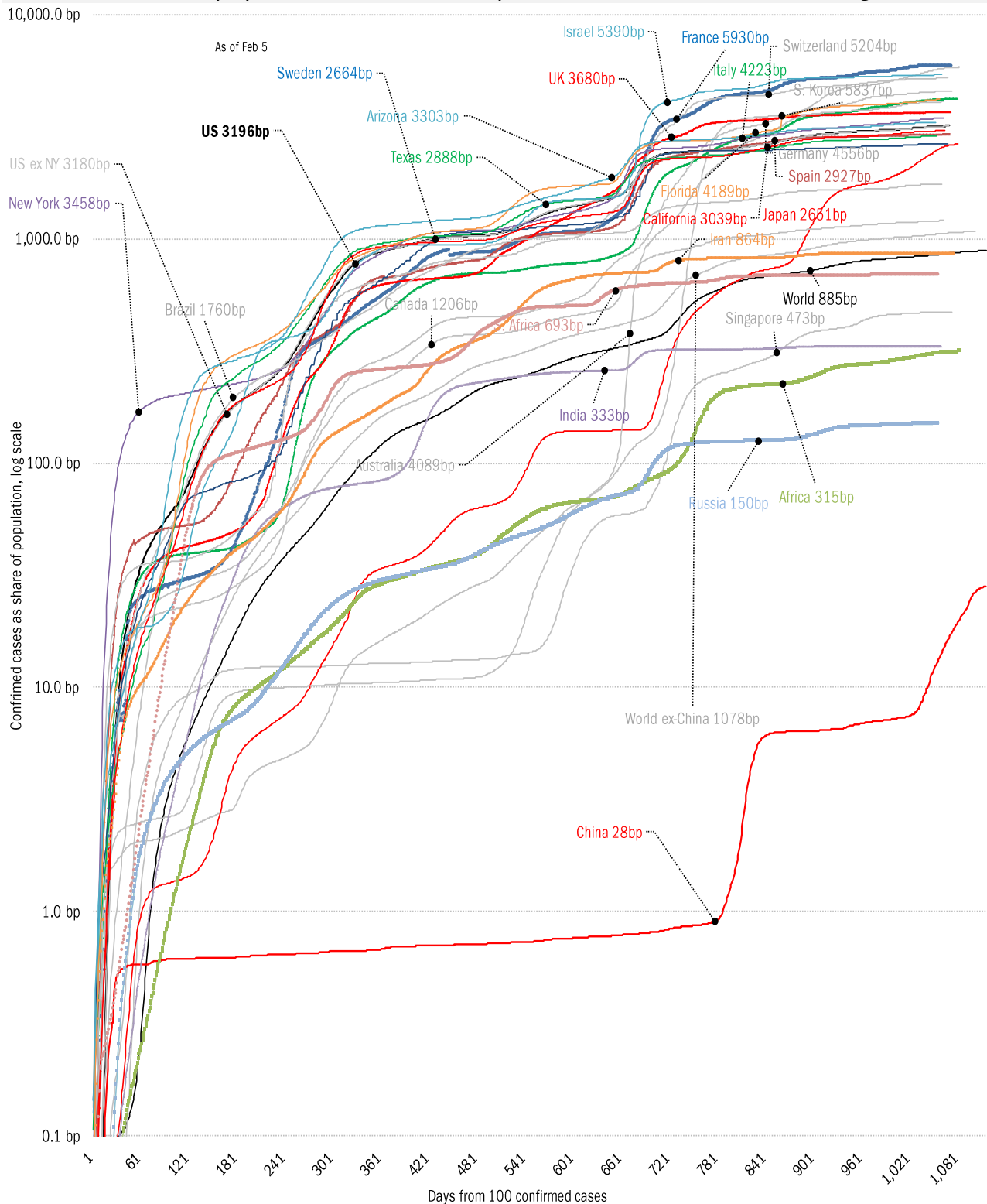
Meme of the Day



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

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

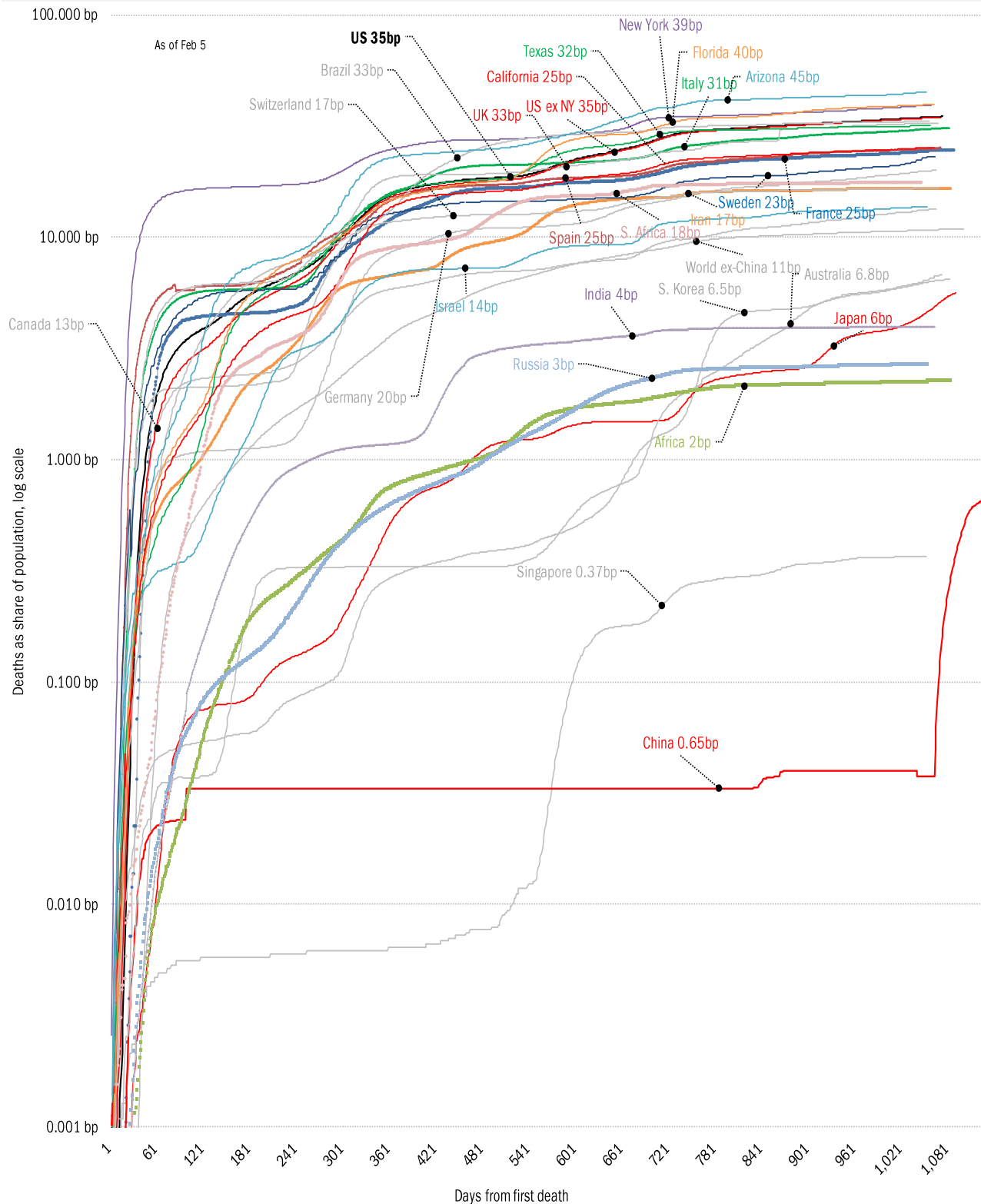
Share of infected population from first day with 100 confirmed cases, log scale



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

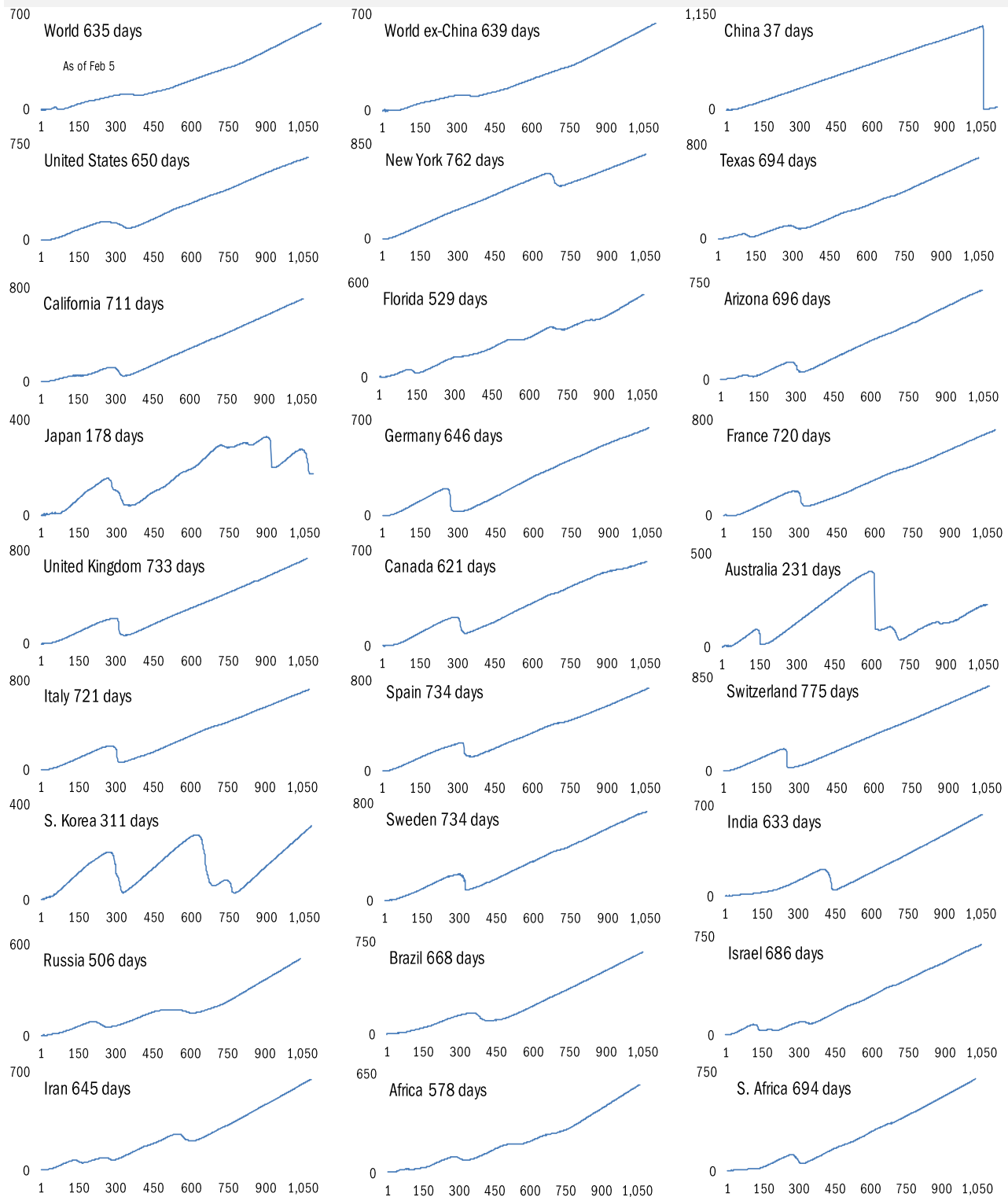


Source: [Johns Hopkins](#), TrendMacro calculations

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

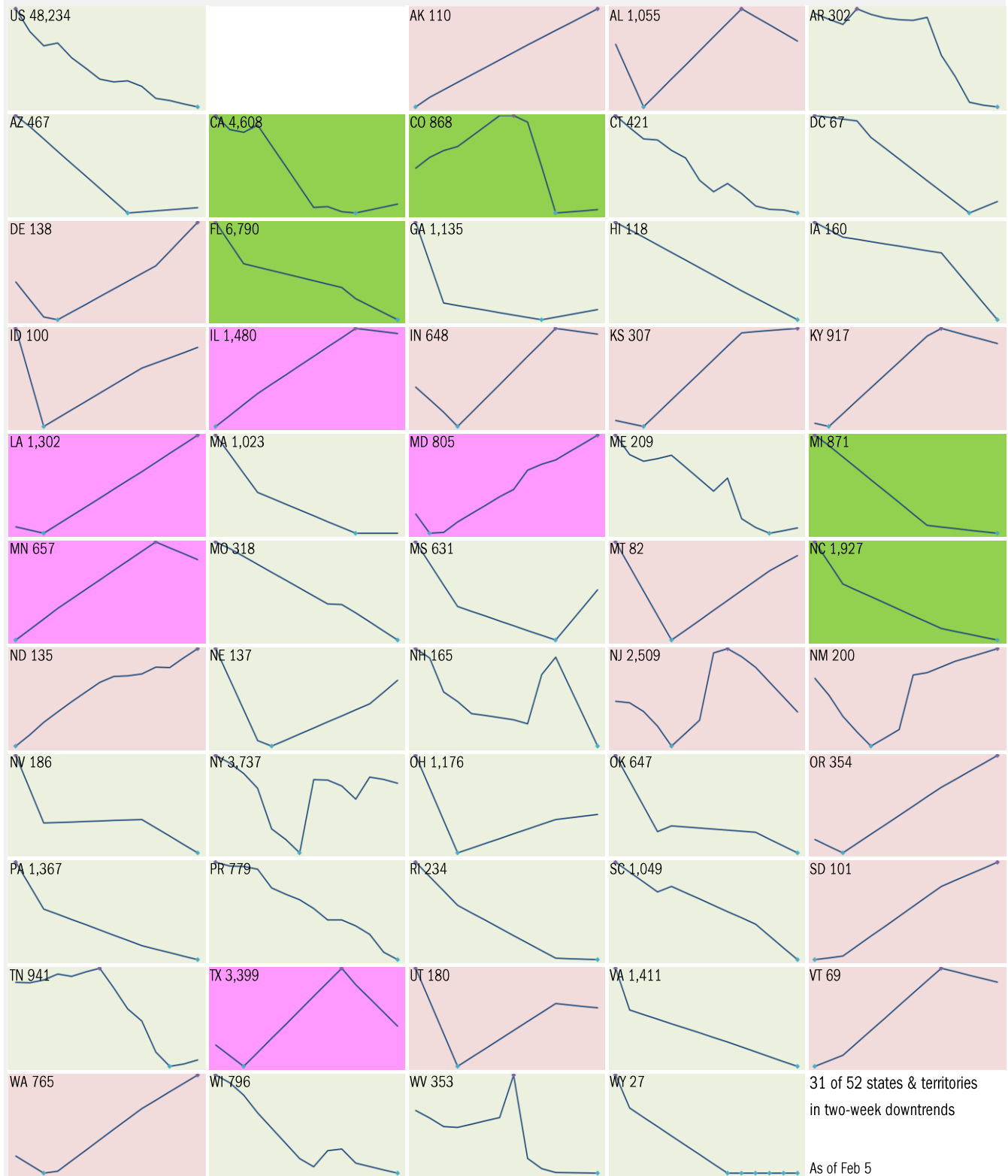


Source: [Johns Hopkins](#), TrendMacro calculations

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

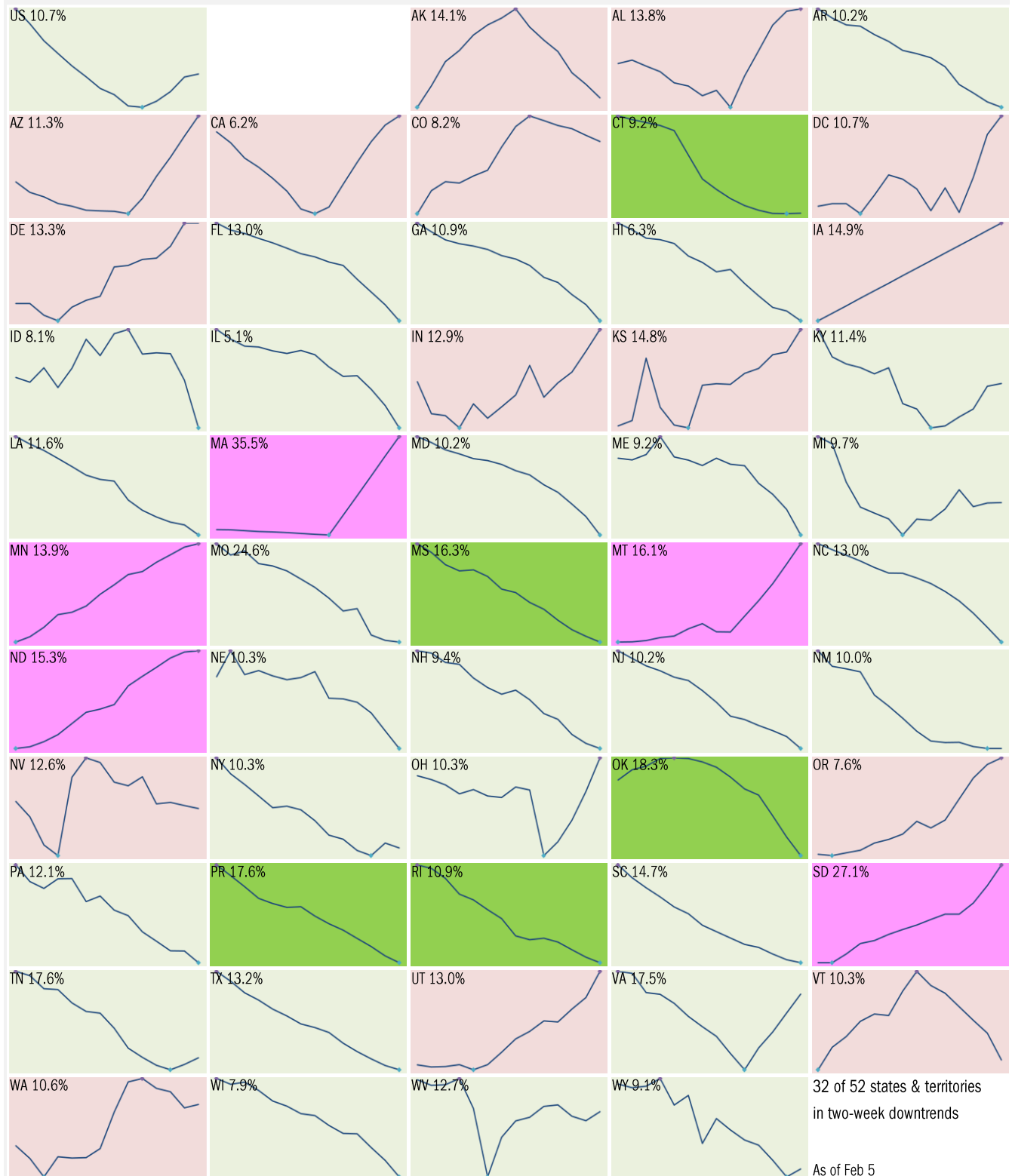


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

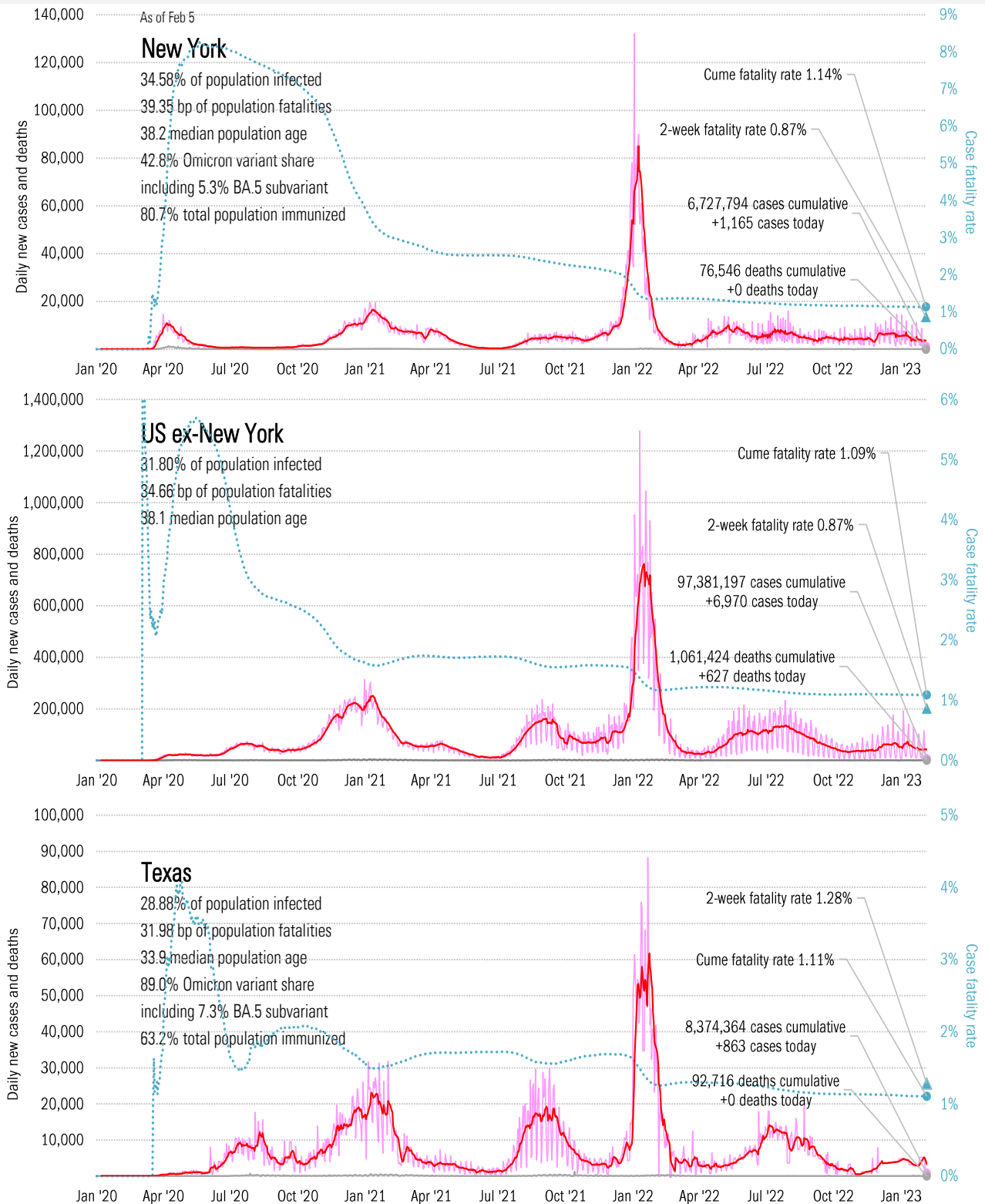
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

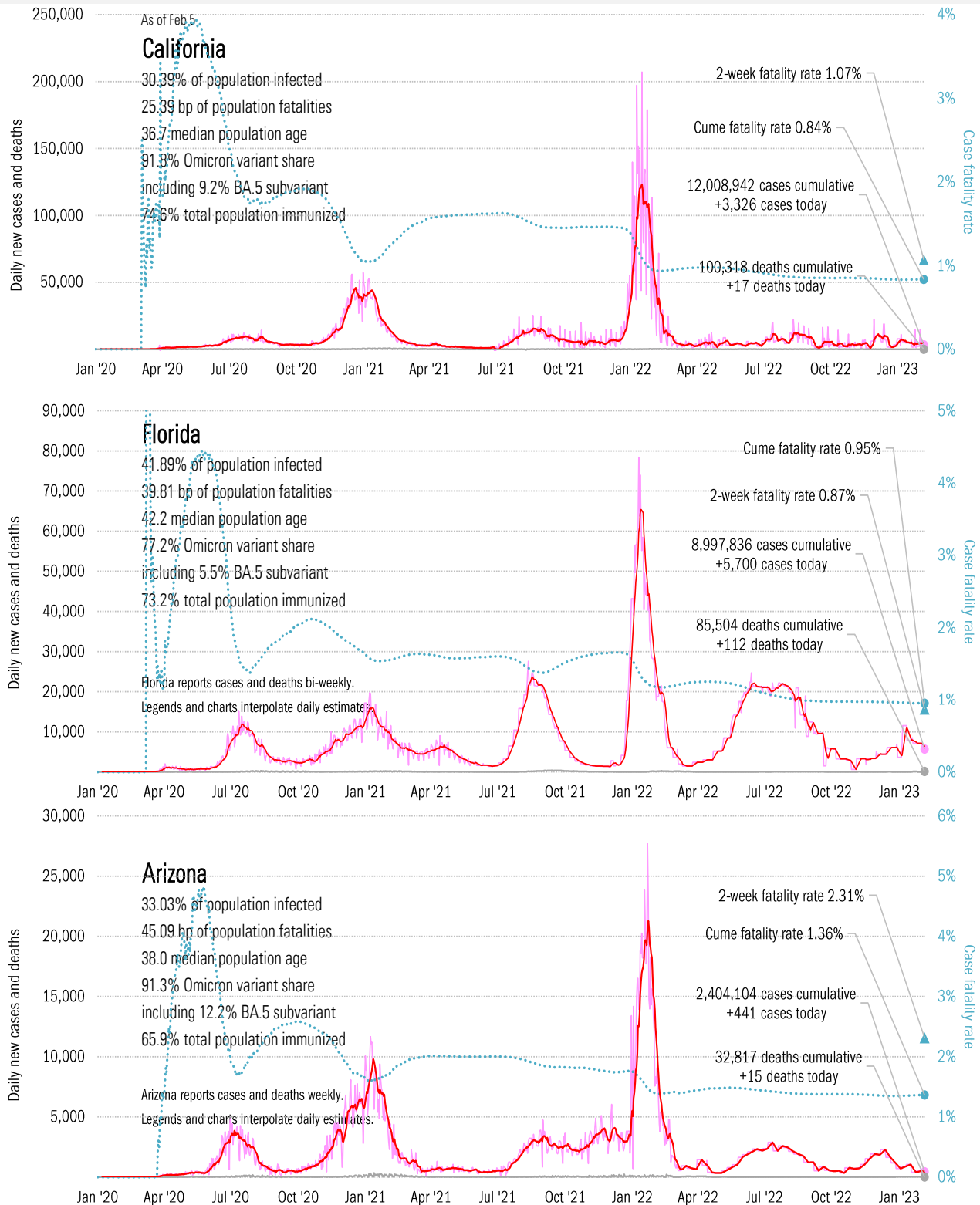
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

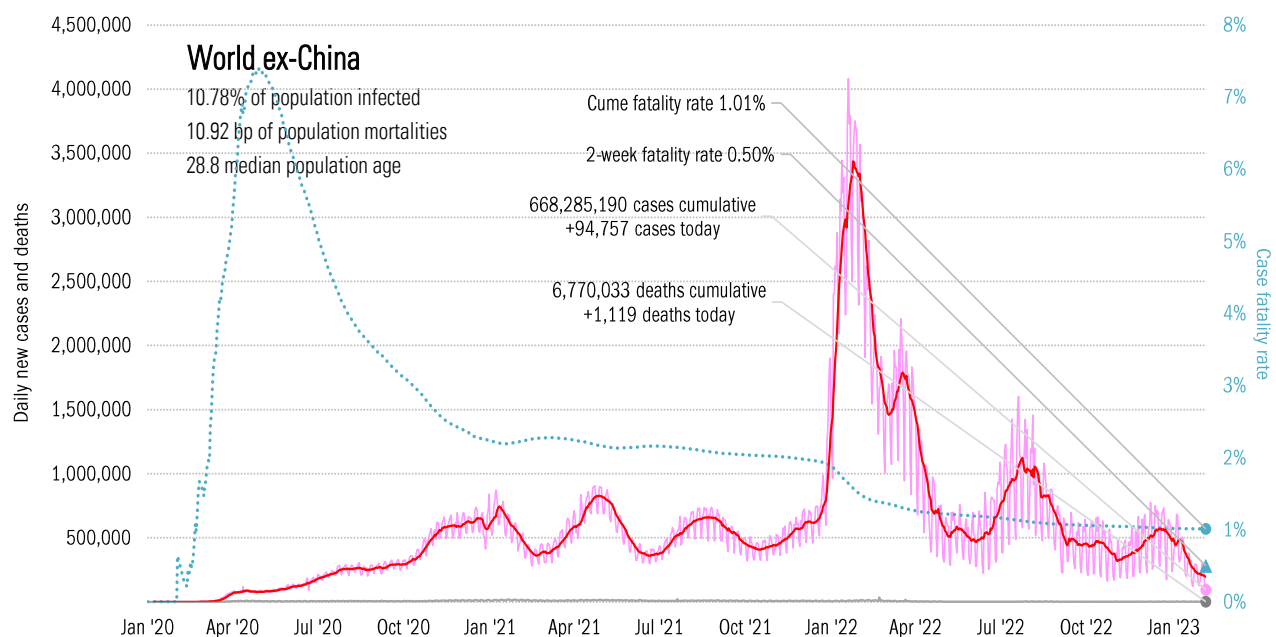
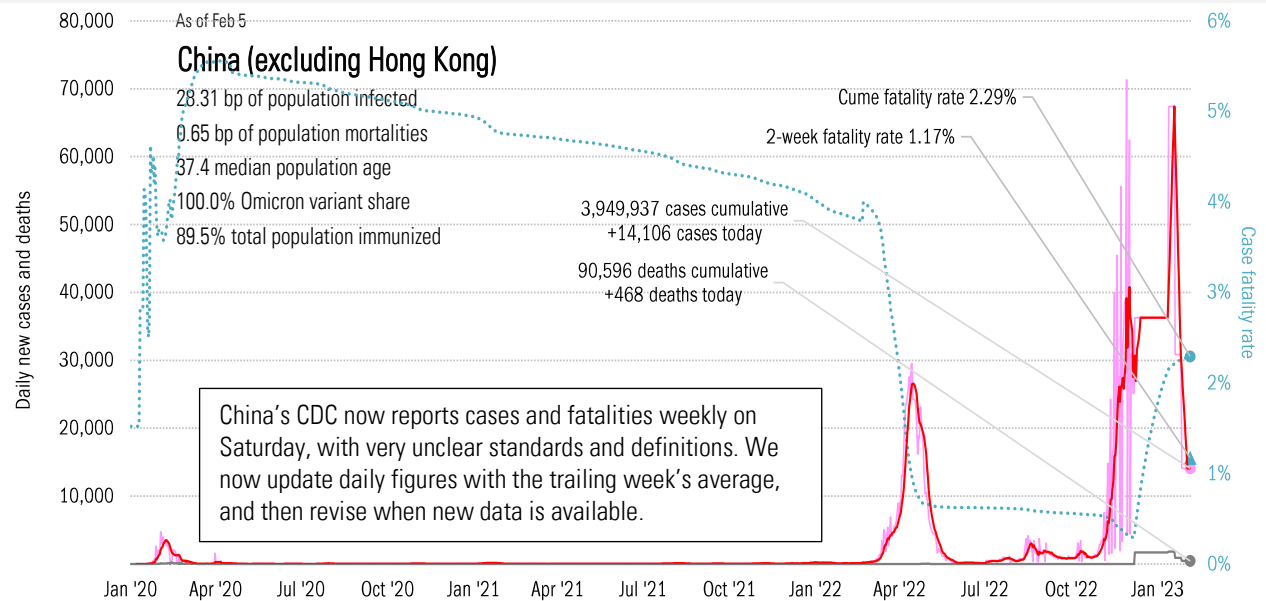
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

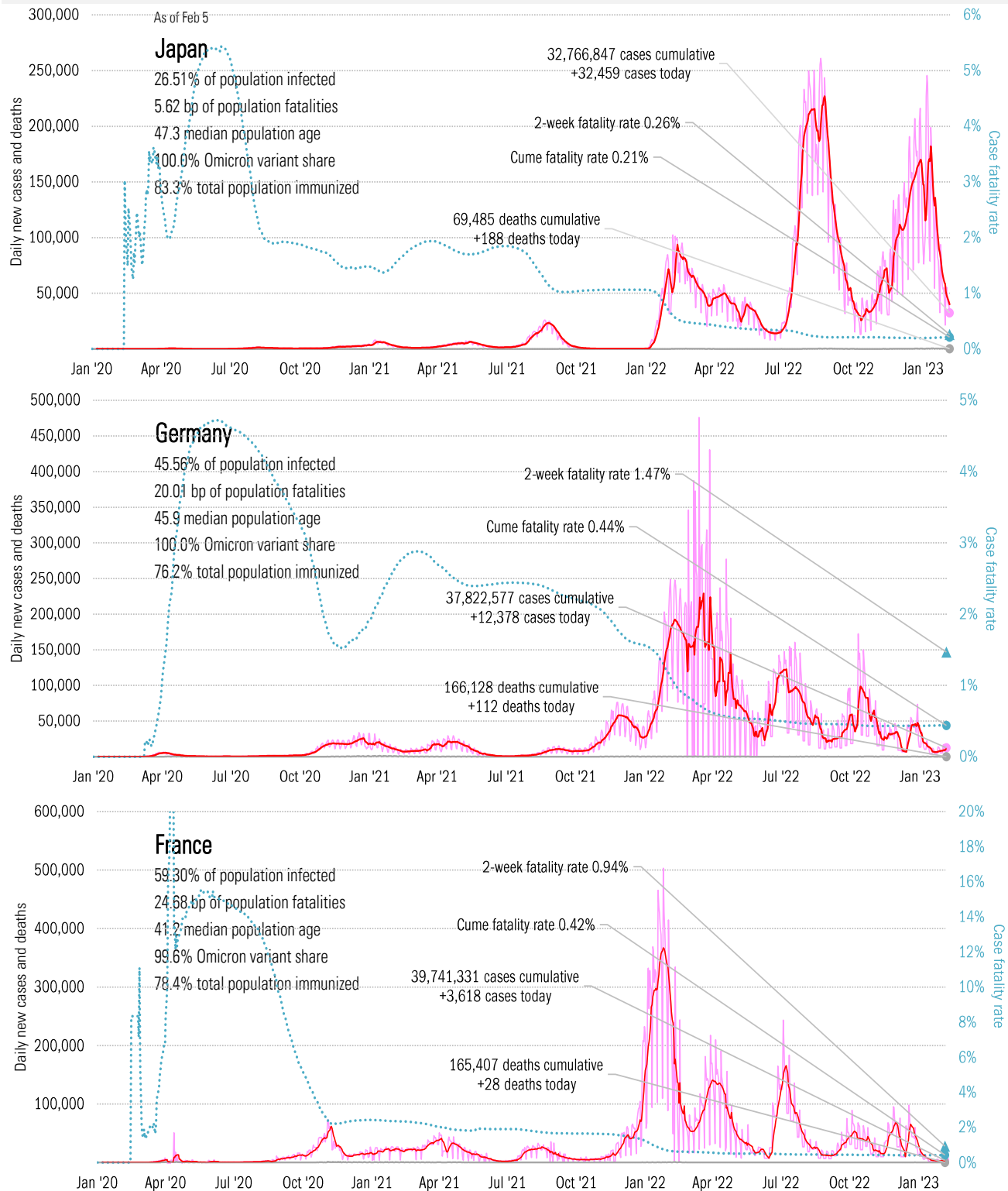
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

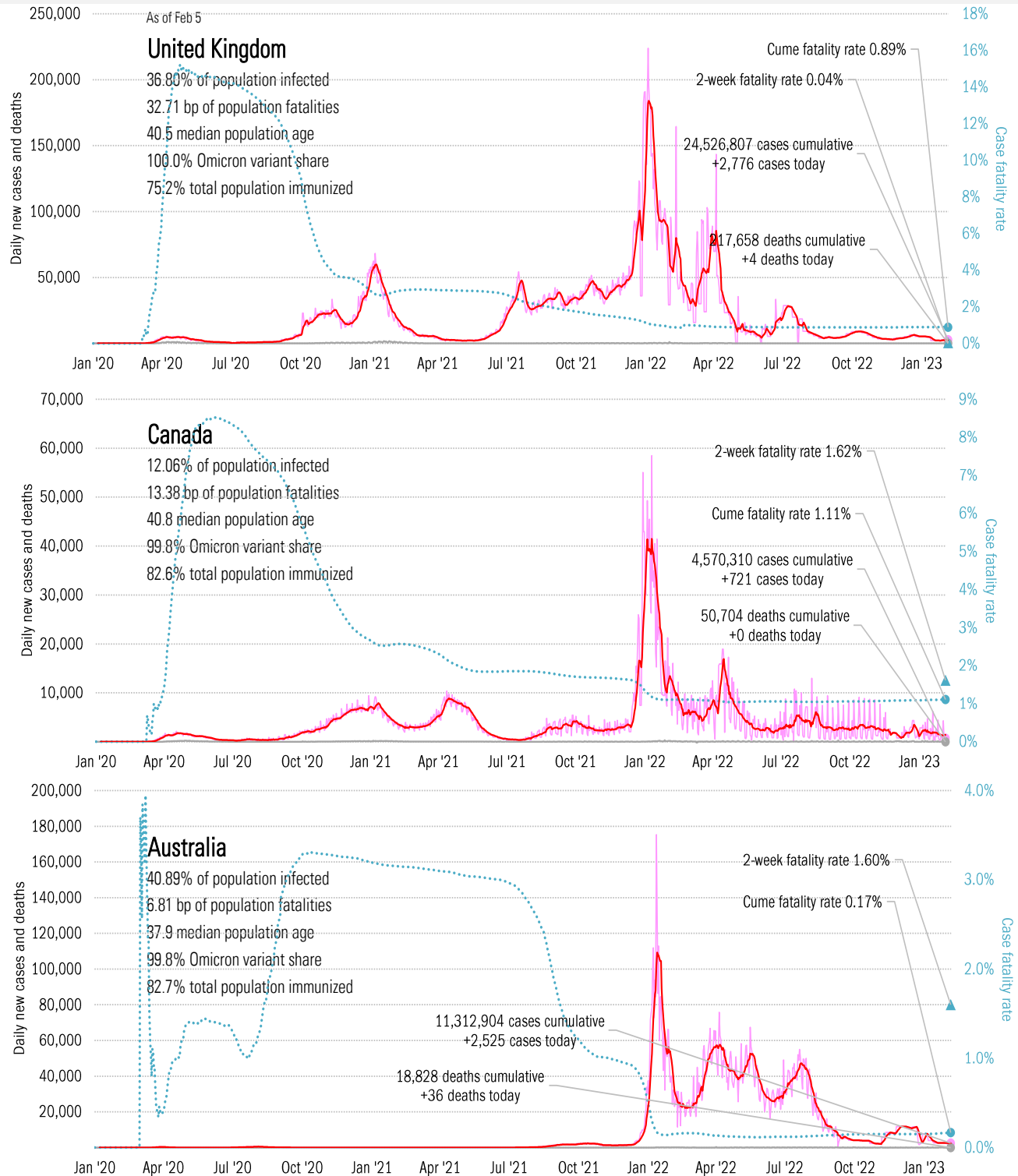
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

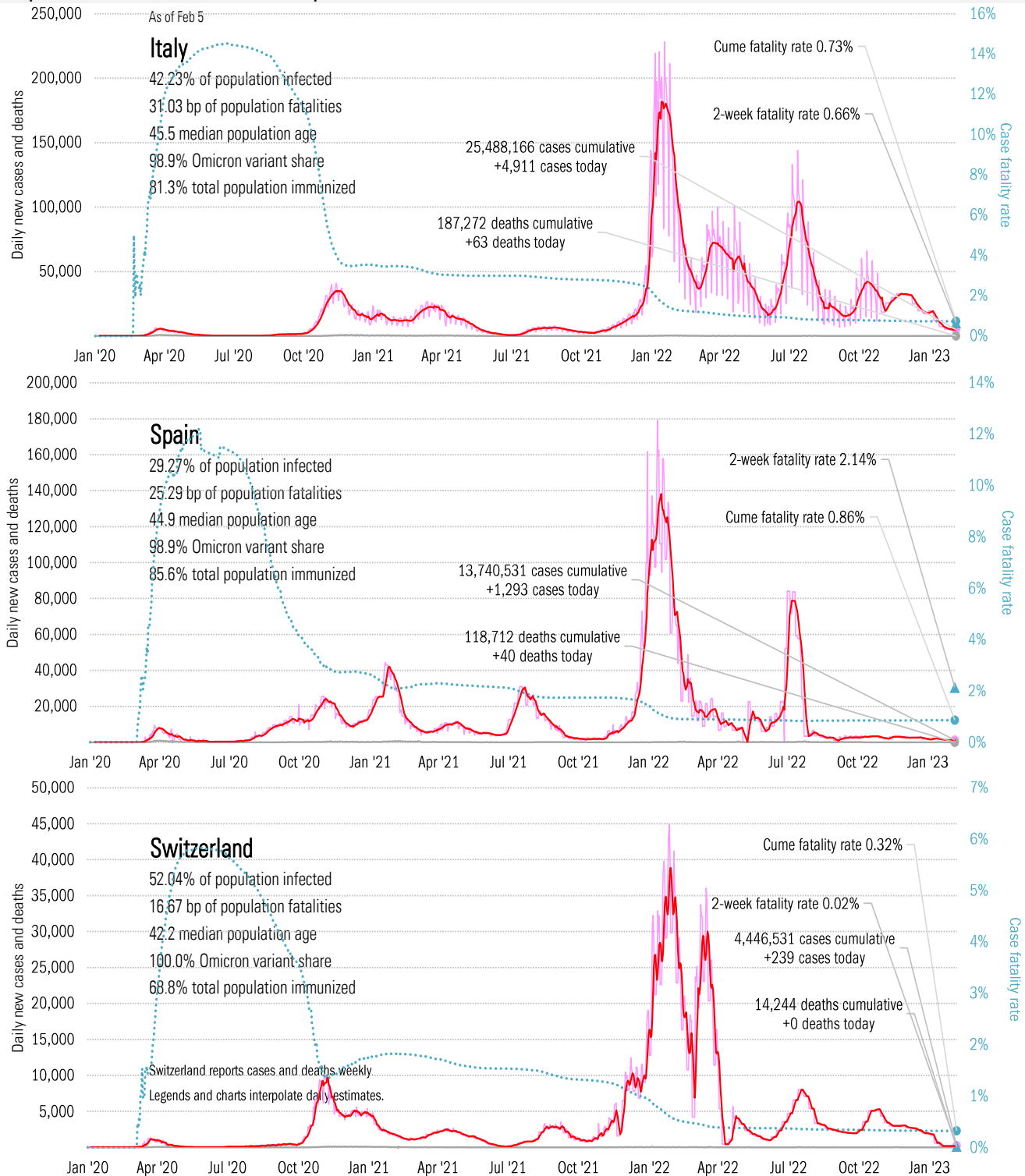
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

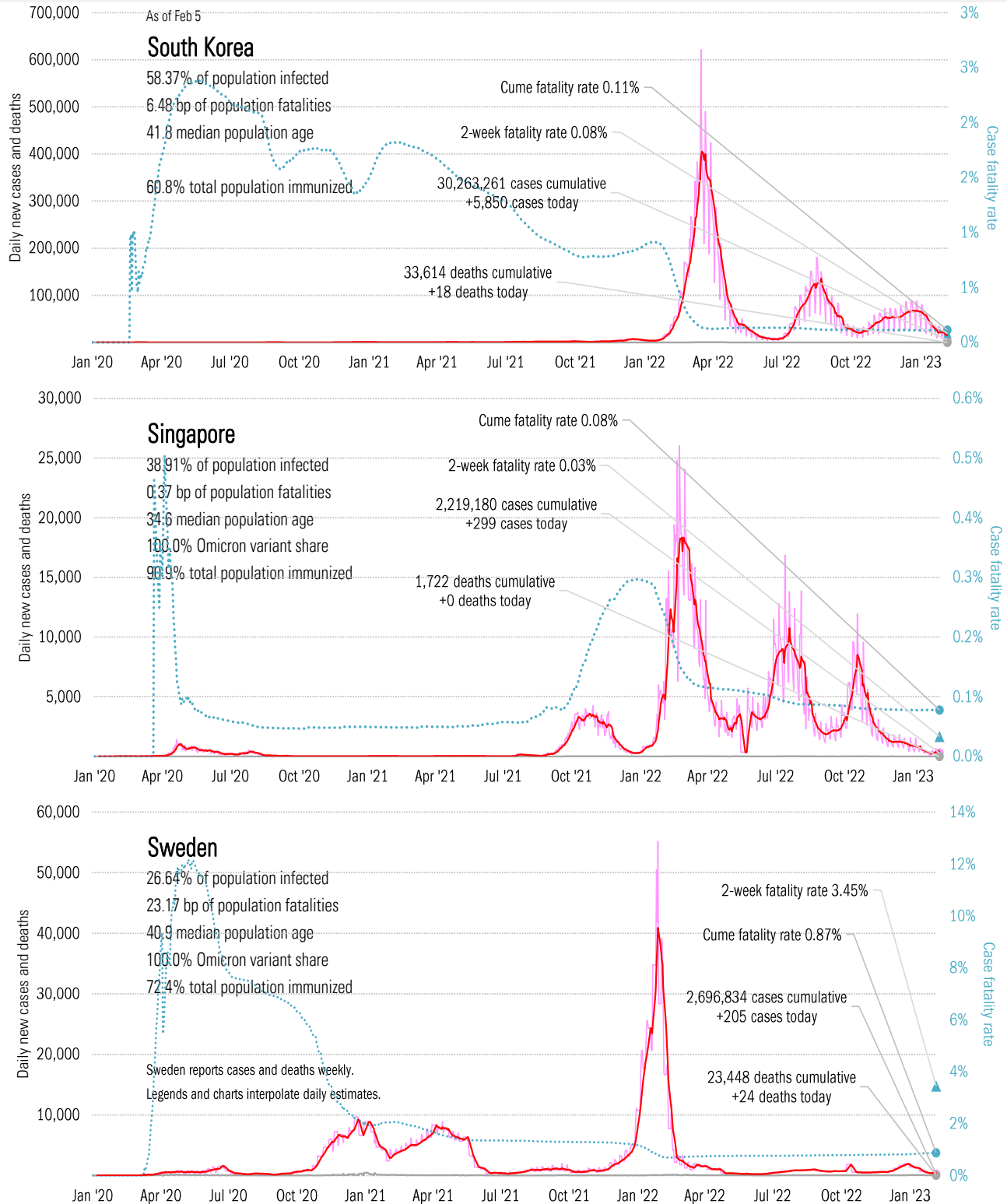
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

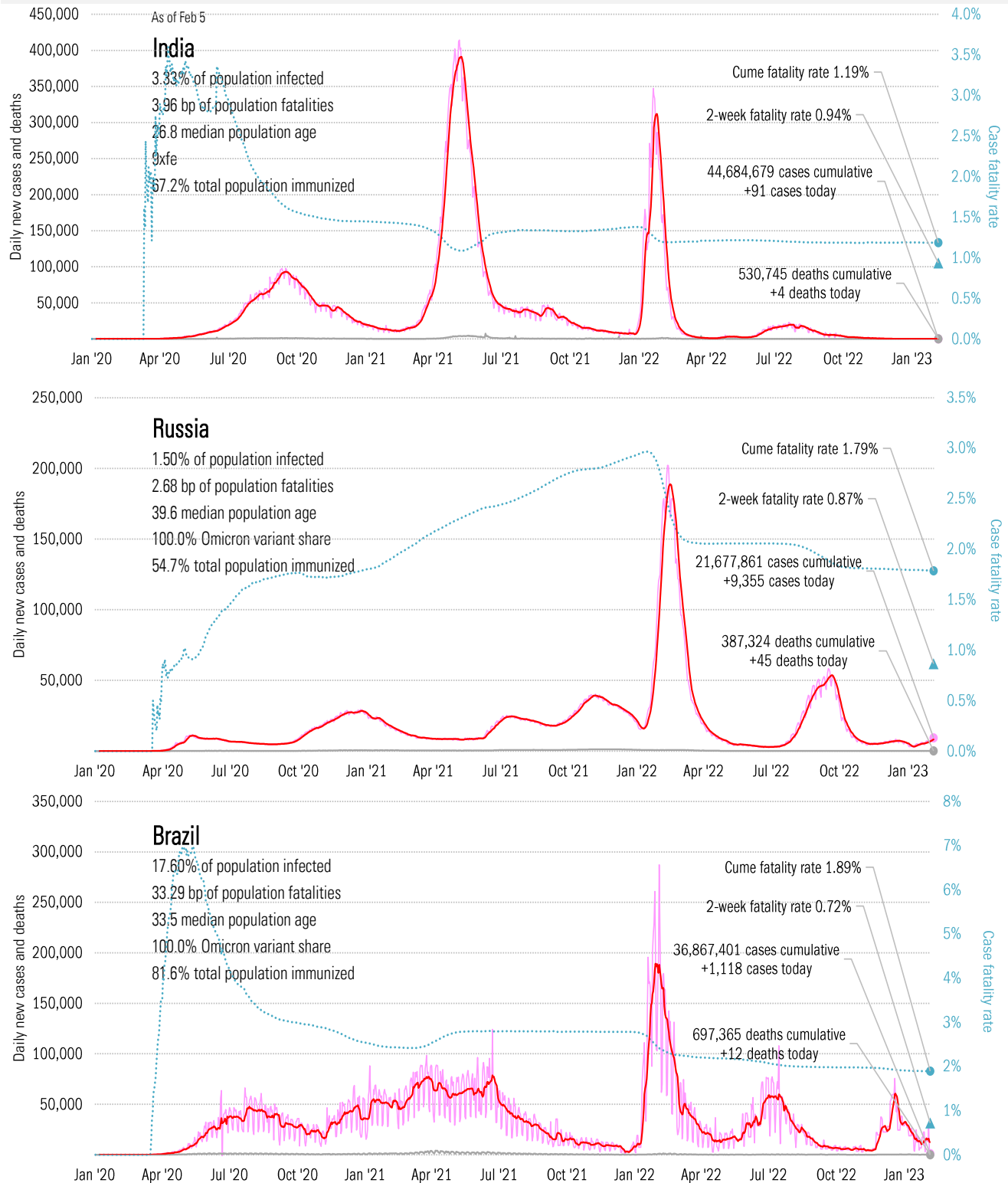
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

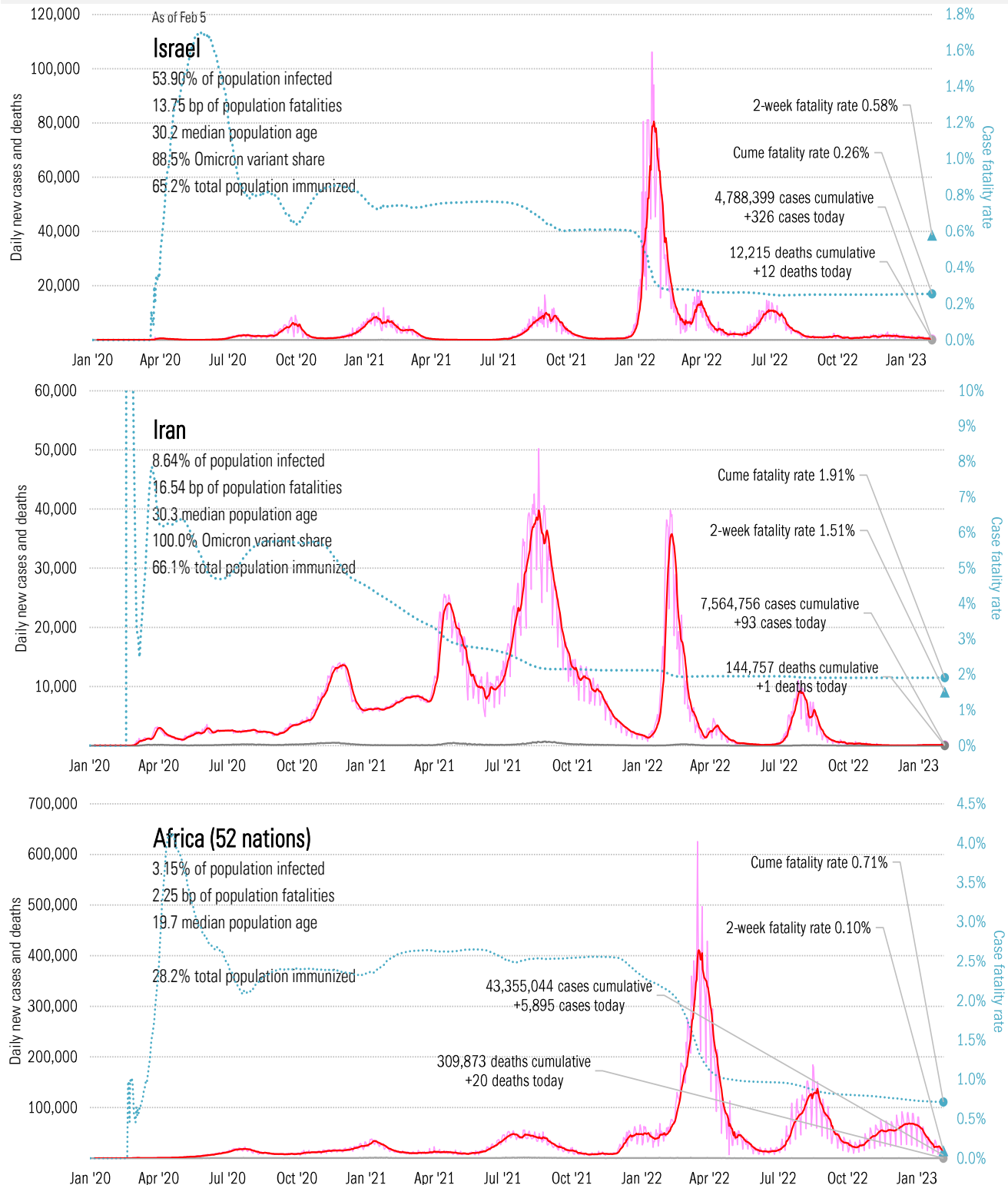
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

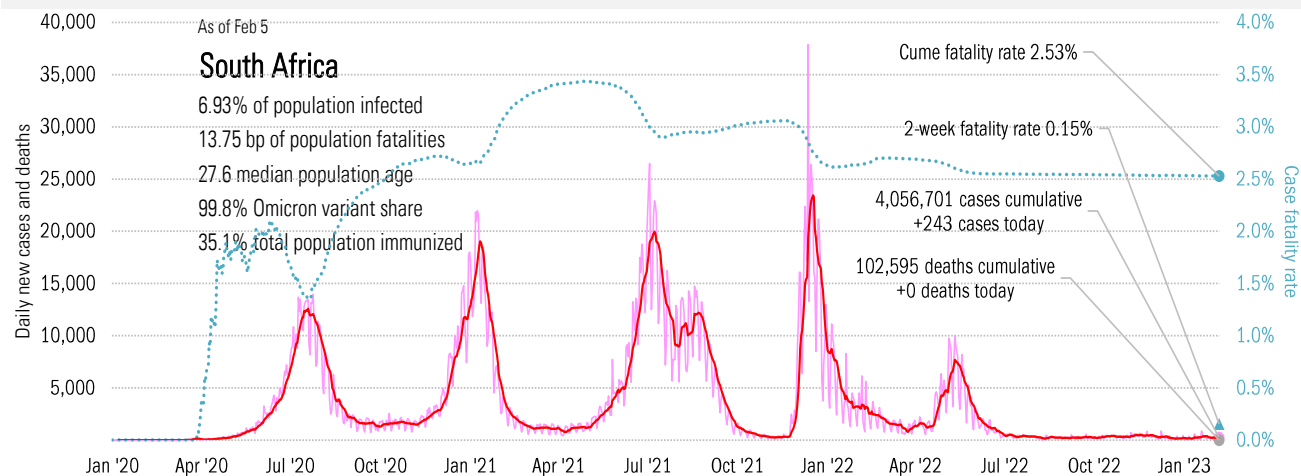
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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