

Data Insights: Covid-2019 Monitor

Thursday, February 9, 2023

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries (see China note page 14)

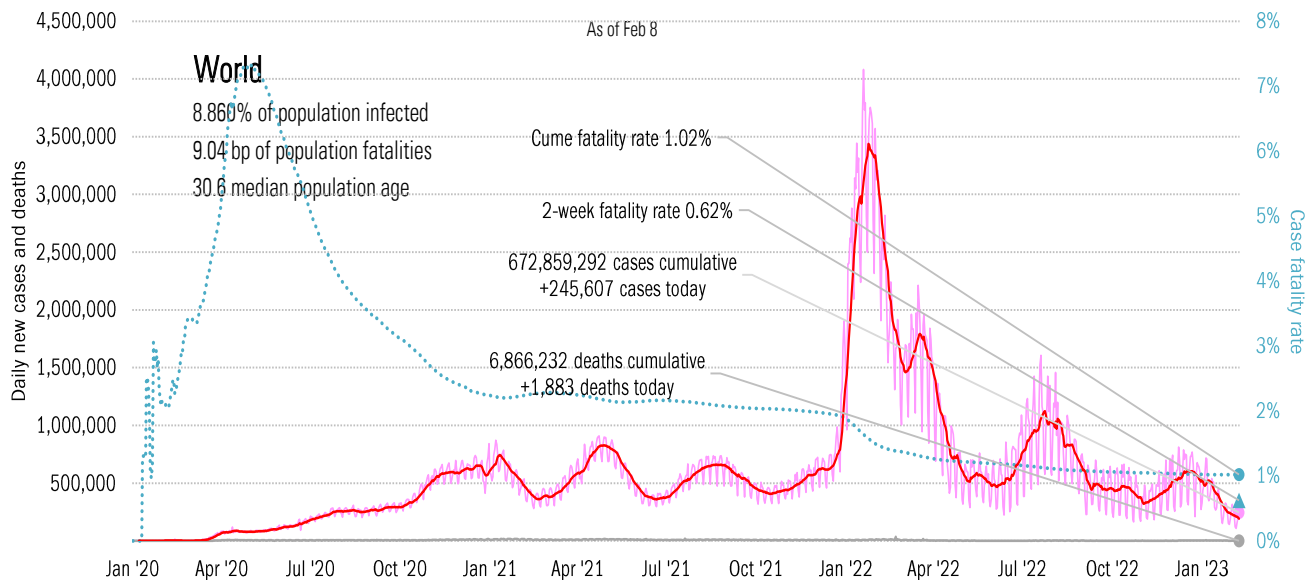
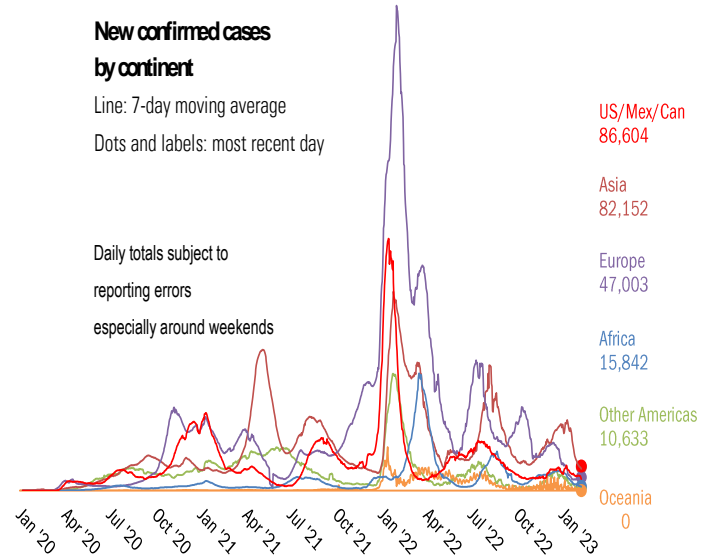
New cases		New Deaths	
Japan	41,584	United States	636
United States	36,681	China	468
Taiwan*	24,231	Japan	200
Germany	18,011	Germany	127
Korea, South	14,664	Brazil	93
China	14,106	Ireland	87
Russia	10,327	Italy	63
Brazil	9,692	Taiwan*	54
Austria	5,536	Russia	43
Italy	4,911	Spain	40

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

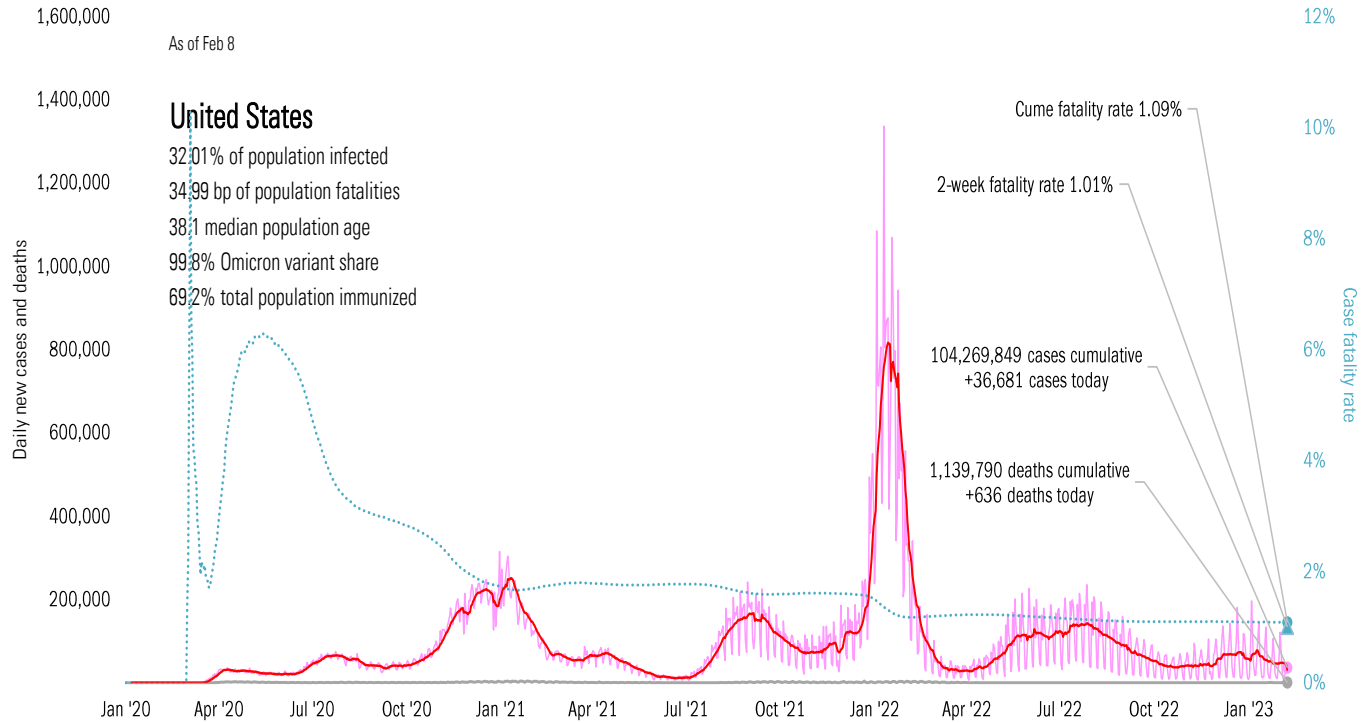
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	5,700		FL	112		PA	187		CA	12,004,743		CA	100,045		TX	583,938		RI	88%	RI	87%
NY	2,400		SC	104		KS	19		TX	8,376,591		TX	92,741		CA	560,421		DE	84%	TX	87%
CA	2,171		NY	40		MT	14		FL	7,483,857		FL	85,710		FL	528,532		MA	84%	AL	84%
NJ	2,042		VA	39		WI	78		NY	6,736,945		NY	76,685		NY	350,125		WA	82%	NC	81%
NC	1,781		CO	32		NE	13		IL	4,029,905		PA	49,921		CH	241,895		DC	82%	MA	80%
PA	1,593		MA	25		SD	15		PA	3,490,499		GA	42,161		GA	240,179		MD	81%	NH	80%
IL	1,448		NC	19		CH	119		NC	3,438,259		MI	41,809		PA	227,812		AK	81%	NM	80%
AL	1,403		NE	19		FR	9		CH	3,356,027		CH	41,464		IL	211,208		CA	80%	AK	80%
CH	1,180		PA	19		UT	14		GA	3,042,823		IL	41,180		MI	179,109		MN	80%	DC	79%
MA	1,023		MI	17		WV	21		MI	3,036,304		NJ	35,847		NJ	160,893		MO	80%	AR	79%
20,743			426			489			54,995,953			607,563			3,284,112						
All states	36,681			636			3,301		All states	104,269,849			1,139,790			5,951,749		All states	70%		67%
Top ten	57%			67%			15%		Top ten	54%			55%			55%		Median	75%		74%

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
VA	-1,092	MO	-52	NJ	-57
MD	-989	CA	-18	VA	-33
CO	-465	NY	-18	LA	-26
MO	-252	MD	-11	AZ	-24
ME	-168	AZ	-8	CA	-23

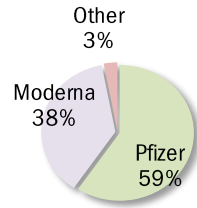


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

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	New immune today	France	78.4%
Total population	277,346,324	83%	236,447,801	71%	+0.017 million	Spain	85.6%
Age 12 to 17	18,446,236	73%	15,790,380	62%	+0.001 million	Germany	76.2%
Age 18 to 64	184,412,810	91%	156,755,065	77%	+0.009 million	Italy	81.3%
Age 65 and over	61,023,896	100%	53,463,192	98%	+0.003 million	Australia	82.7%
						Israel	65.2%
						Canada	82.6%
						Japan	83.3%
						Africa	28.2%
						India	67.1%
						Brazil	81.5%
						China	89.5%



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

AK	72.9%
	65.1%

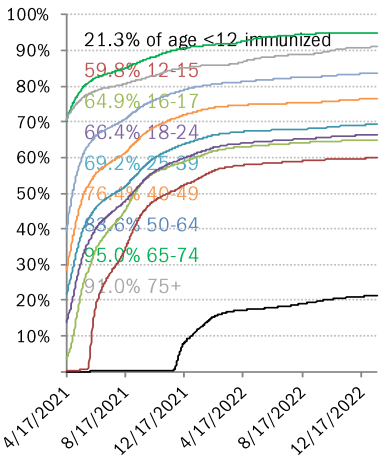
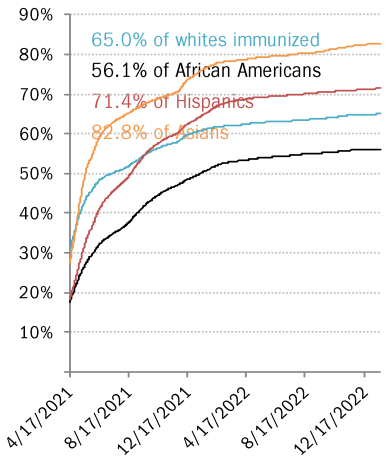
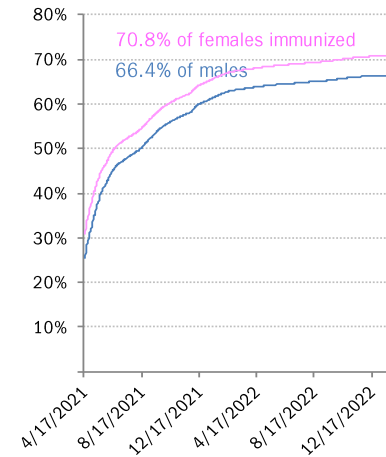
WI	75.0%
	68.1%

As of Jan 27

ME	95.0%
	83.2%

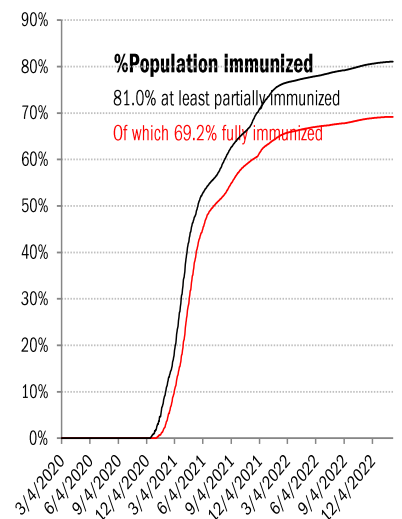
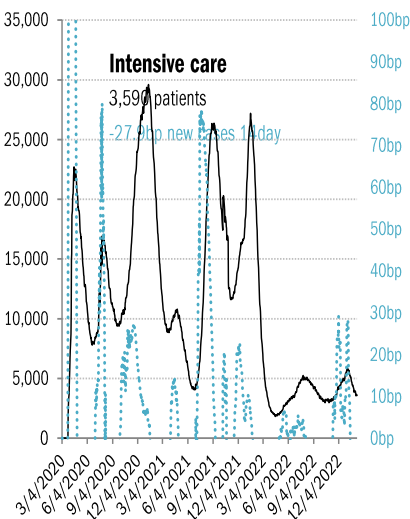
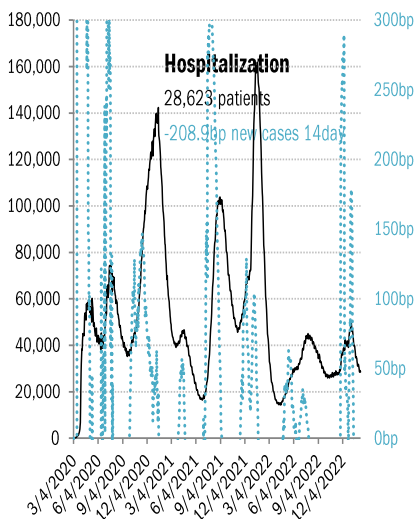
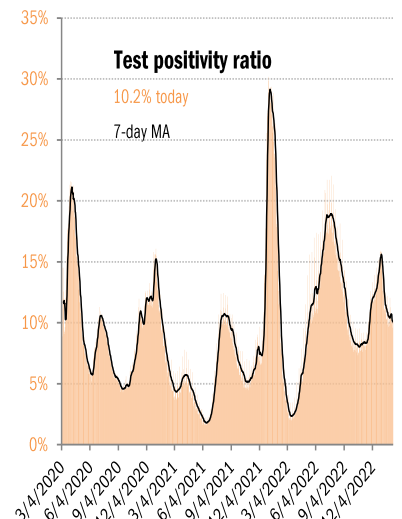
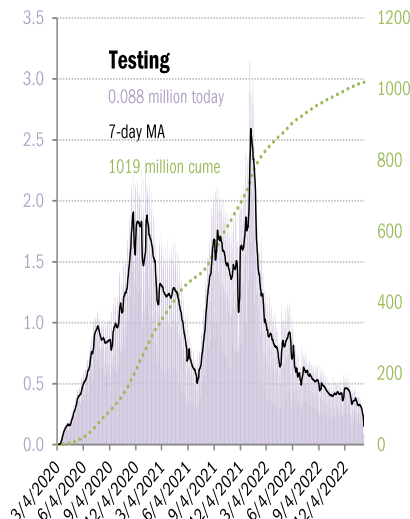
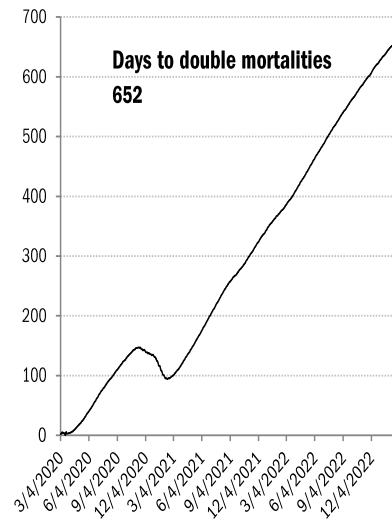
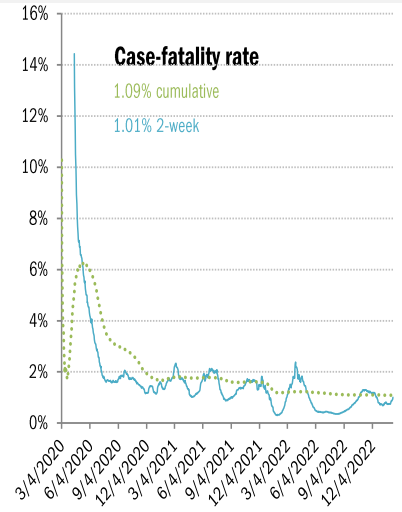
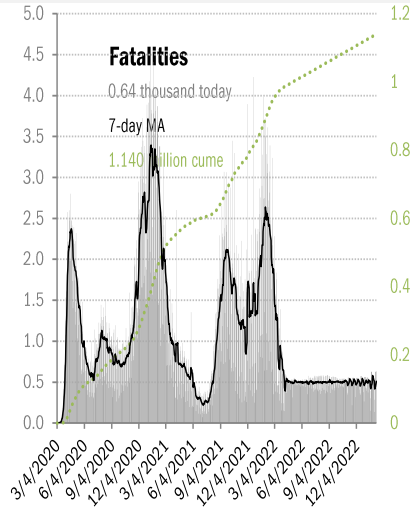
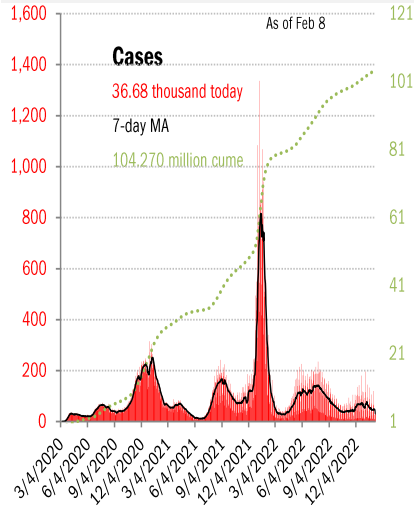
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.1%	63.8%	68.2%	69.3%	78.7%	79.0%	69.4%	94.3%	95.0%	88.0%	
75.9%	56.4%	59.1%	58.6%	72.0%	71.1%	62.3%	80.7%	85.5%	71.8%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.5%	77.5%	60.8%	83.7%	70.6%	64.3%	65.7%	90.4%	94.5%	95.0%	
72.3%	63.6%	53.0%	66.2%	64.3%	57.7%	60.4%	73.2%	79.0%	84.1%	
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%			
			TX					FL		PR
			76.3%					82.4%		90.8%
			63.2%					69.3%		83.9%

The demographics of US vaccination

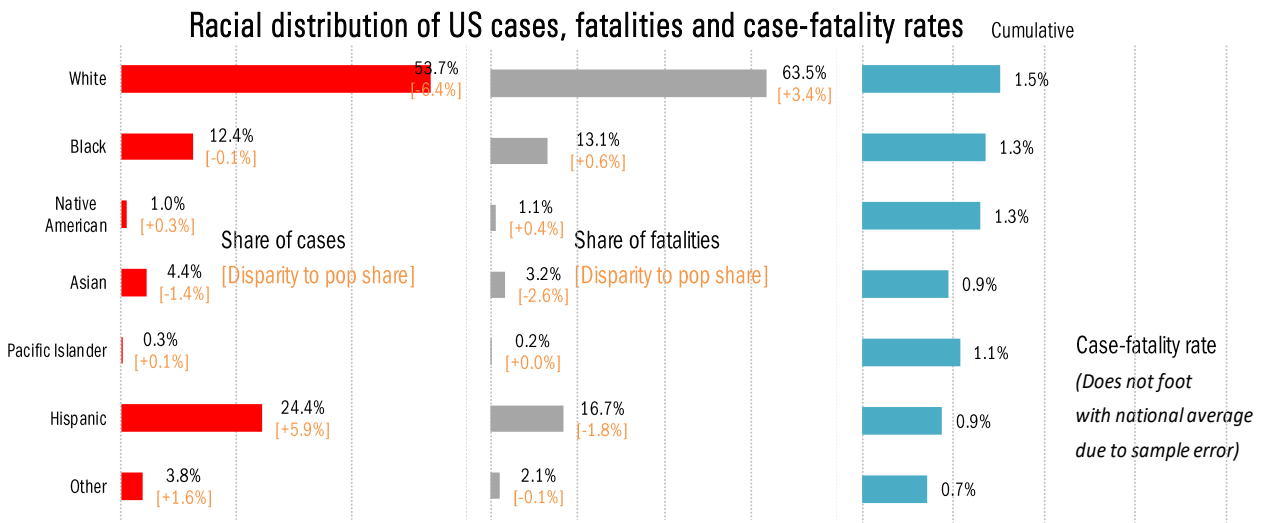
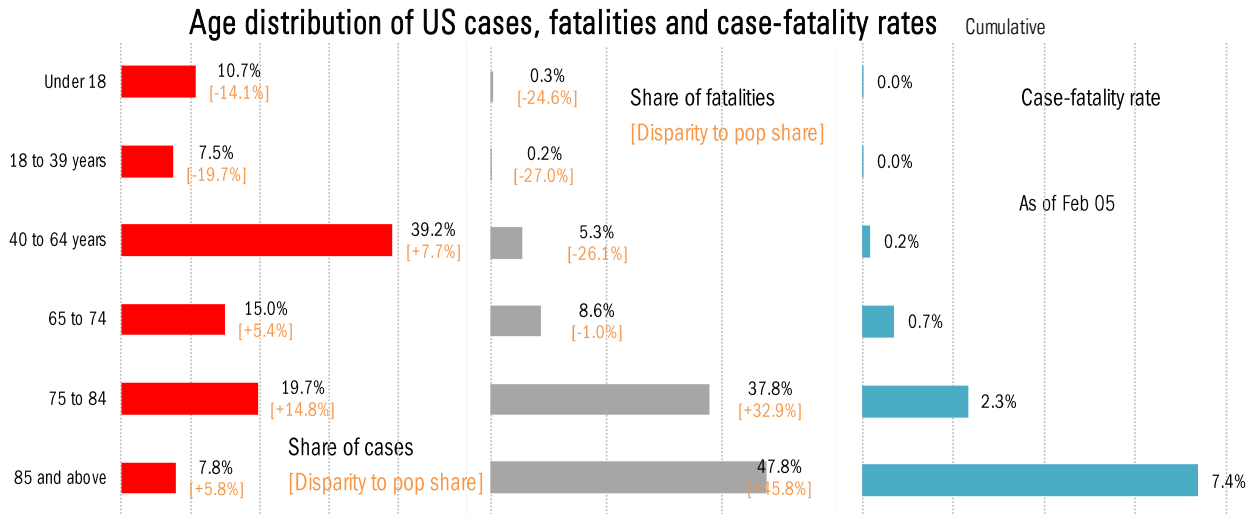


Source: CDC, CDC, Our World in Data, TrendMacro calculations

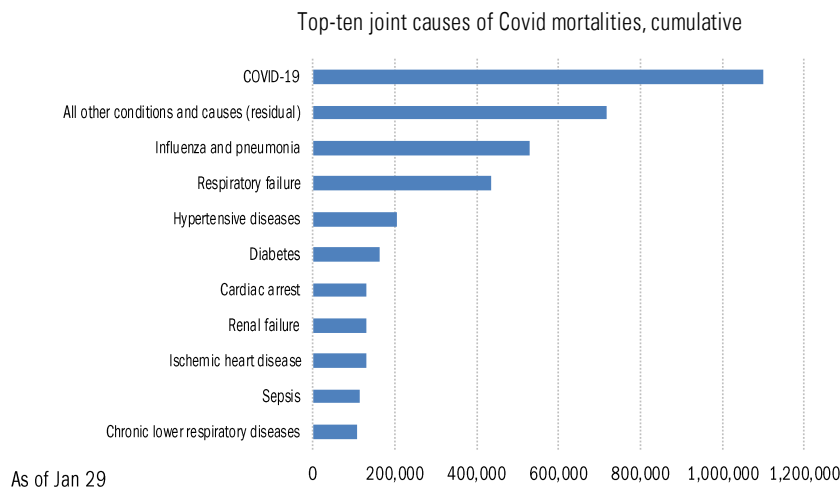
US deep-dive



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

[We Still Don't Know the Truth About Covid](#)

Jamie Metzl and Matt Pottinger
Wall Street Journal
February 8, 2023

[Post COVID-19, still wear a face mask? Self-perceived facial attractiveness reduces mask-wearing intention](#)

Seung Eun Cha et al.
Frontiers
January 14, 2023

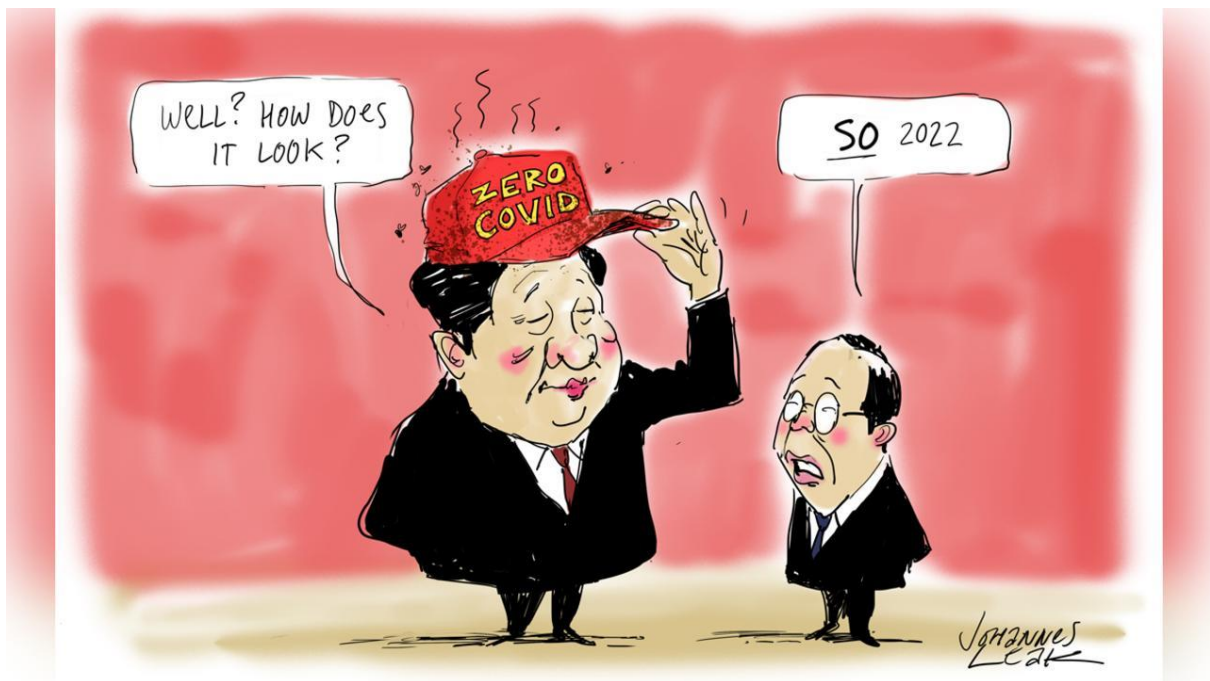
[Rethinking next-generation vaccines for coronaviruses, influenzaviruses, and other respiratory viruses](#)

Anthony S. Fauci et al.
Cell Host & Microbe
January 11, 2023

[Dr. Anthony Fauci now admits the mRNA Covid vaccines hardly work and might not be approvable](#)

Alex Berenson
Unreported Truths
February 8, 2023

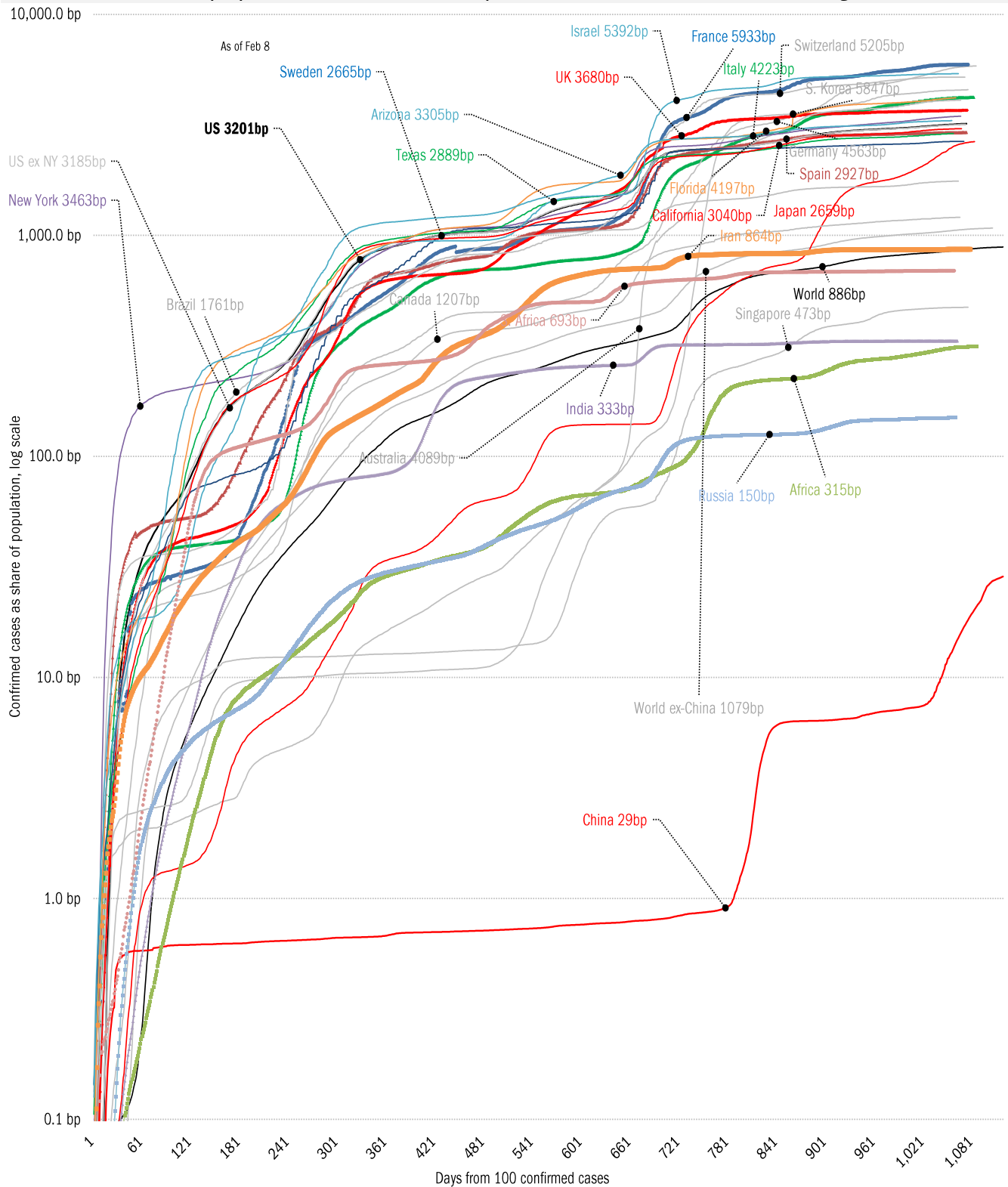
Meme of the Day



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

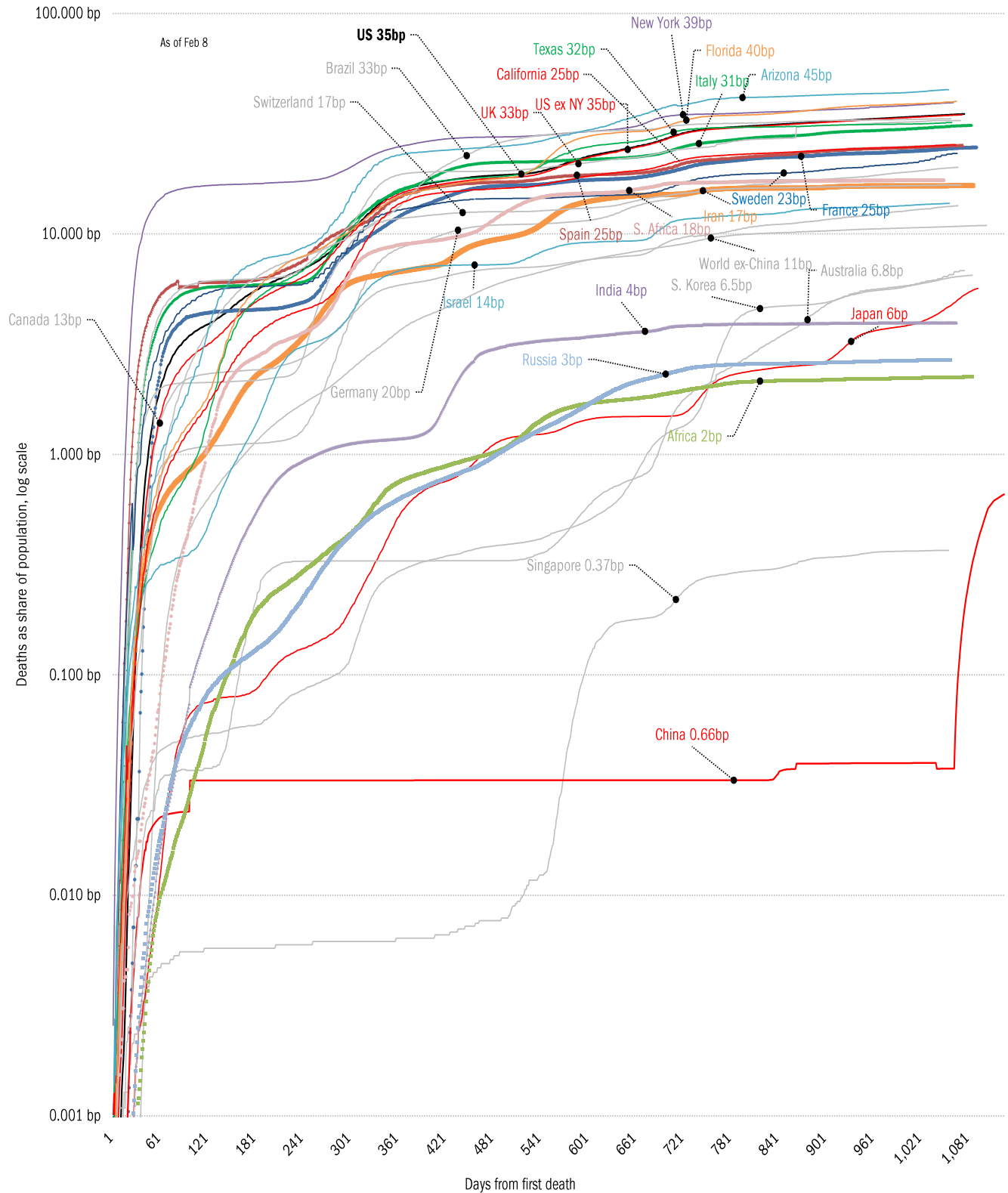
The global coronavirus case accelerometer... tracking the world's infection curves

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

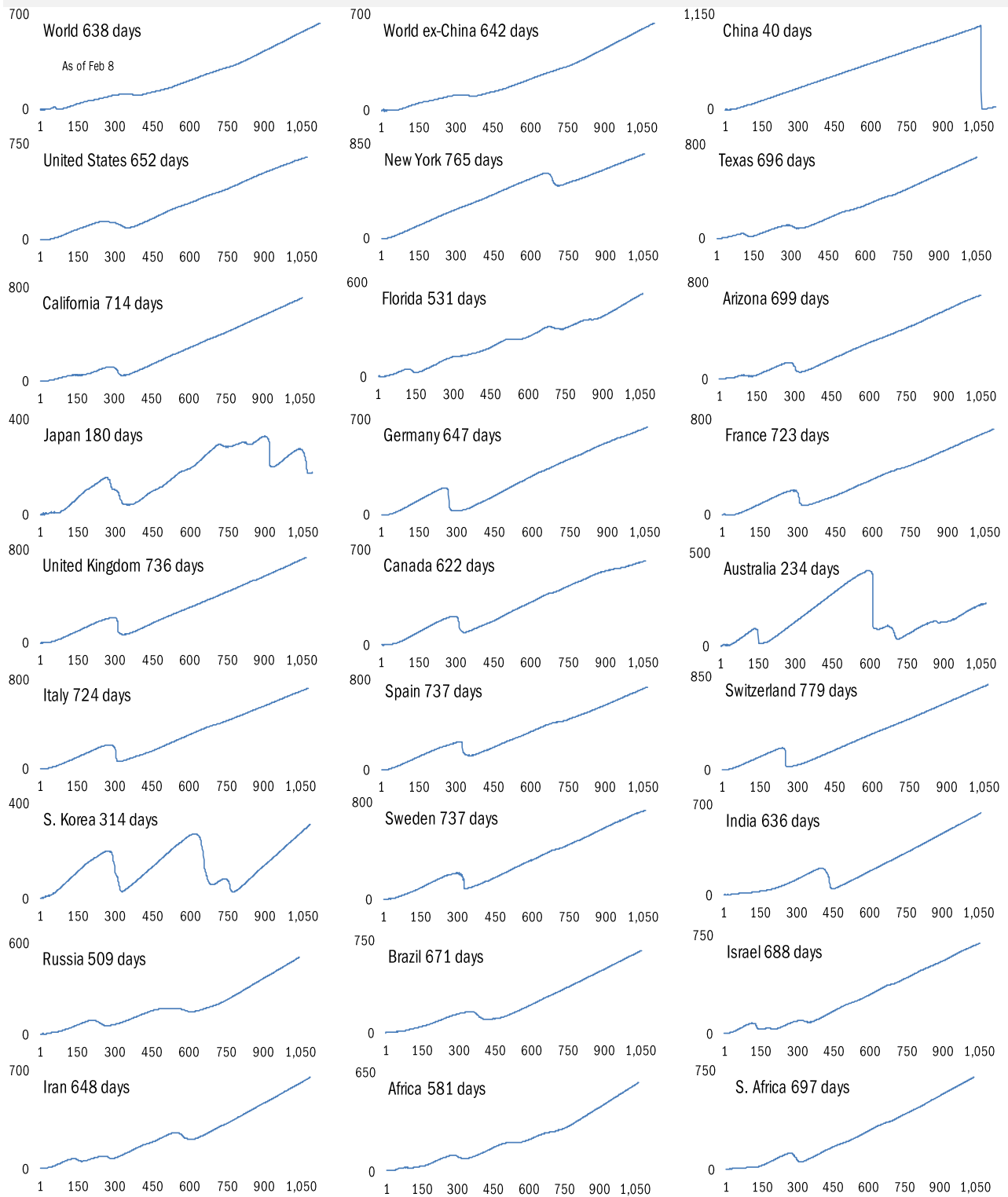


Source: [Johns Hopkins](#), TrendMacro calculations

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

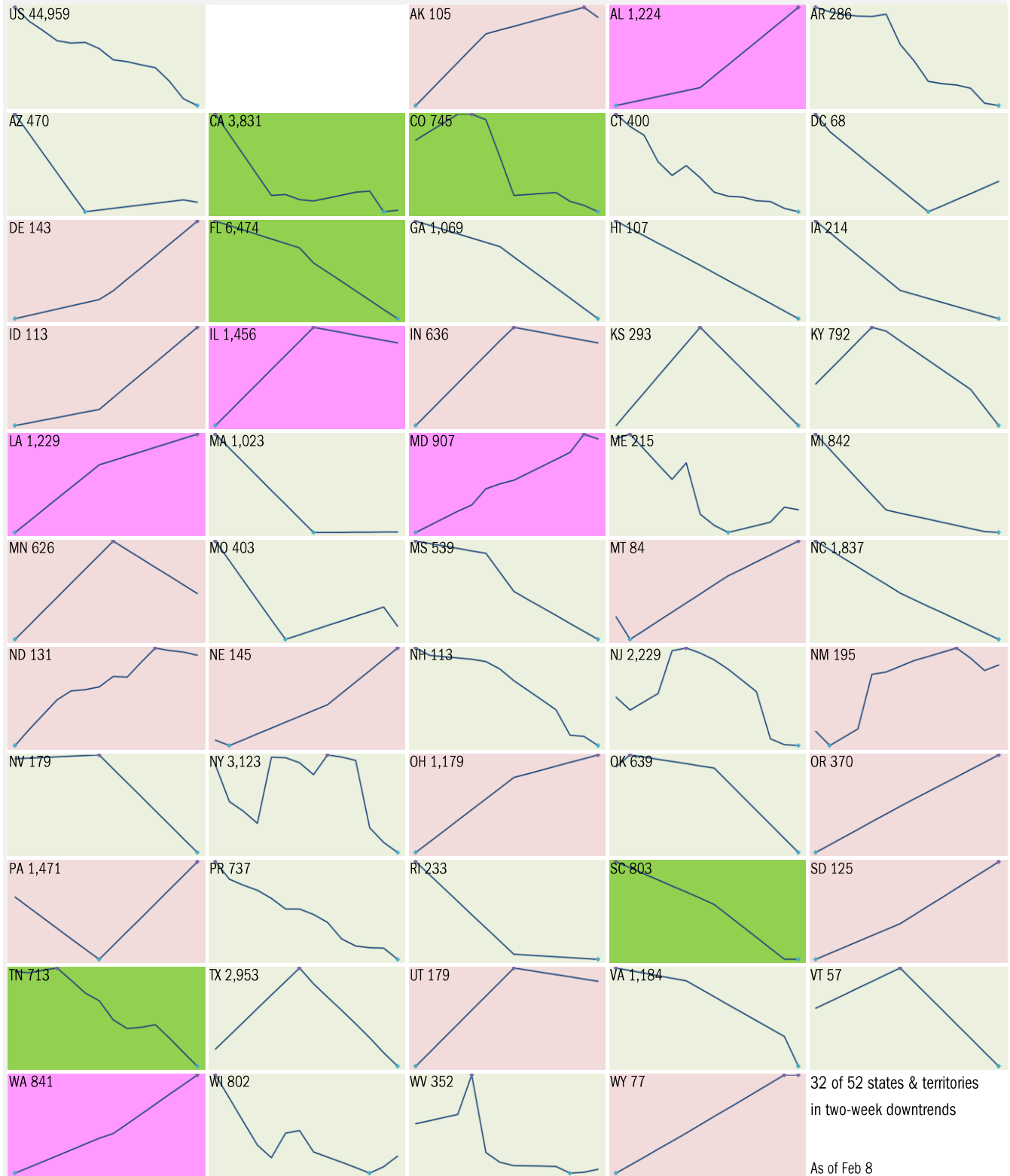


Source: [Johns Hopkins](#), TrendMacro calculations

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

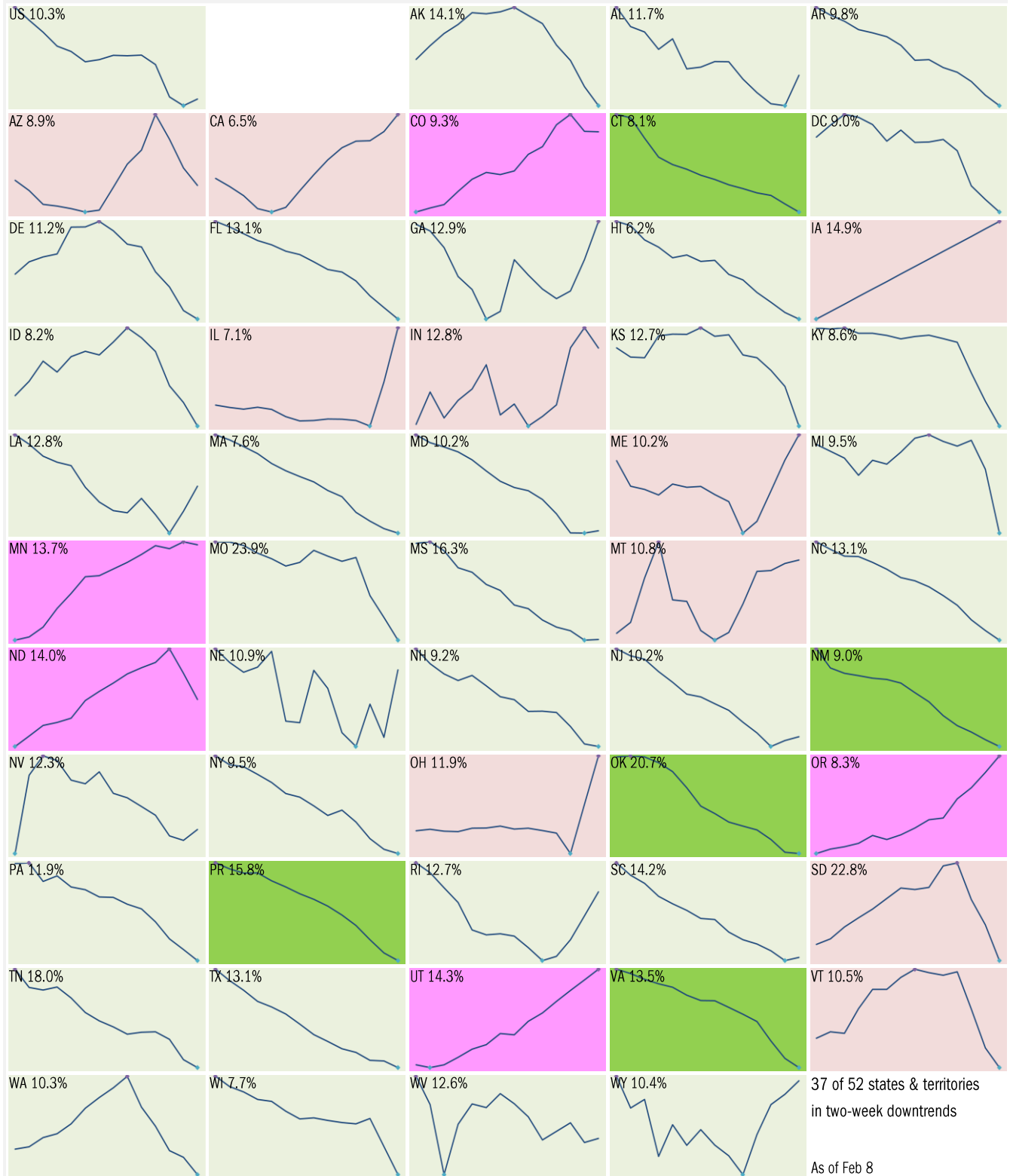


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

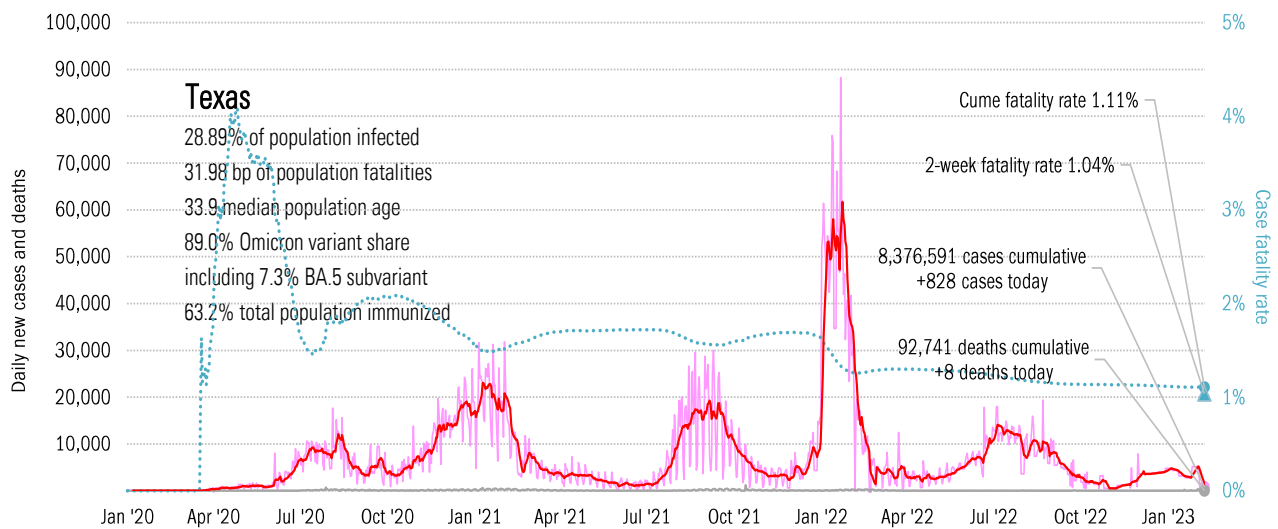
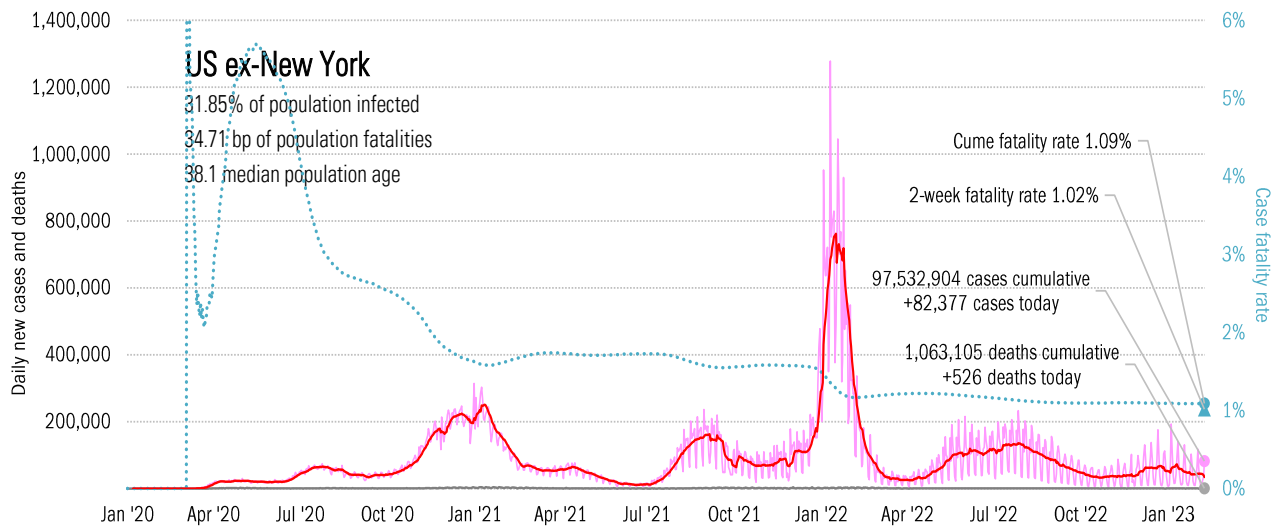
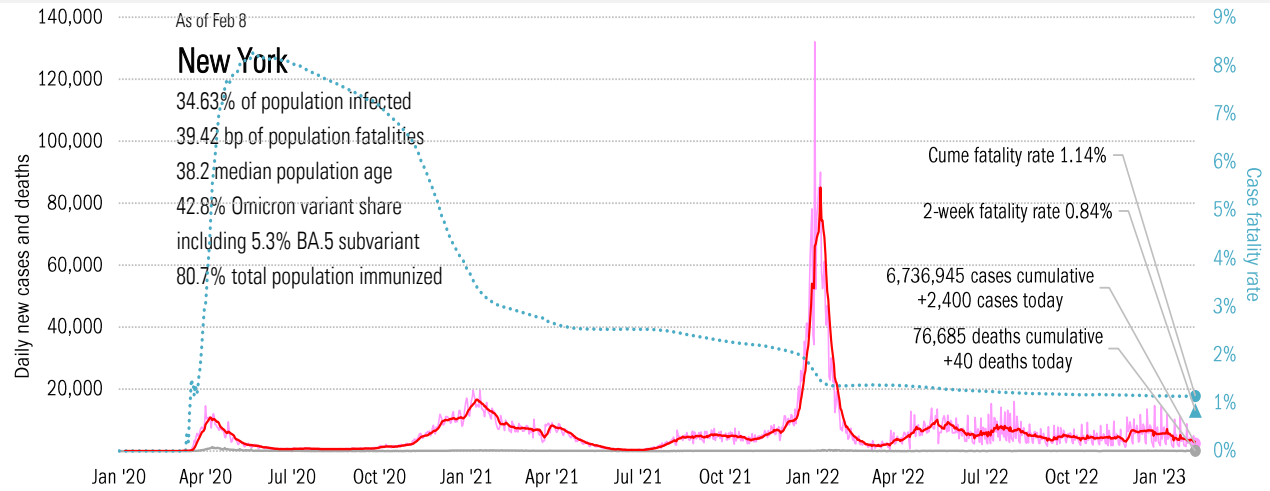
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

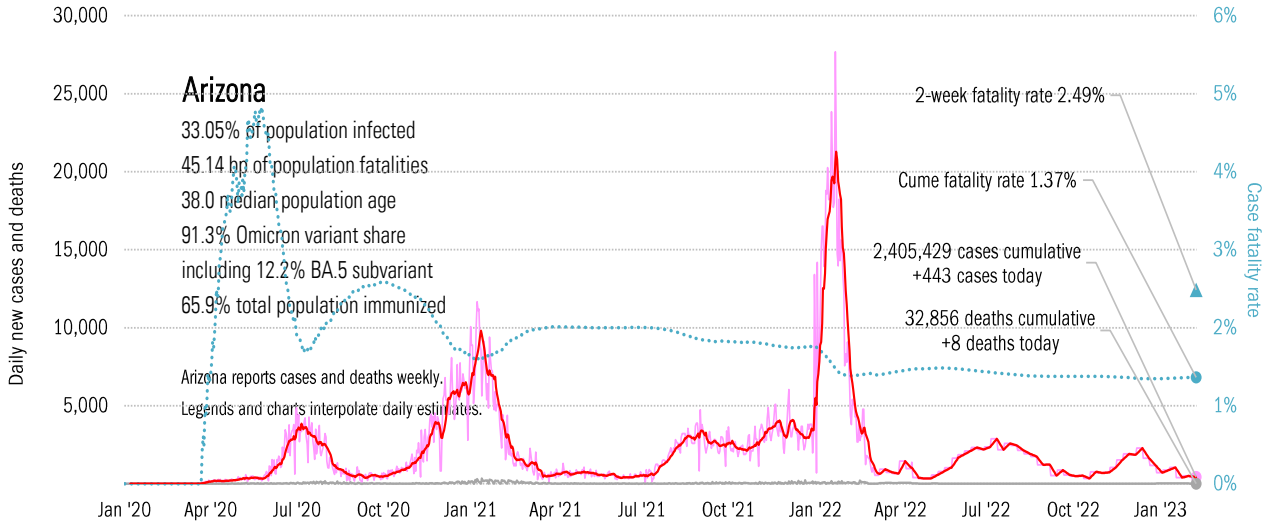
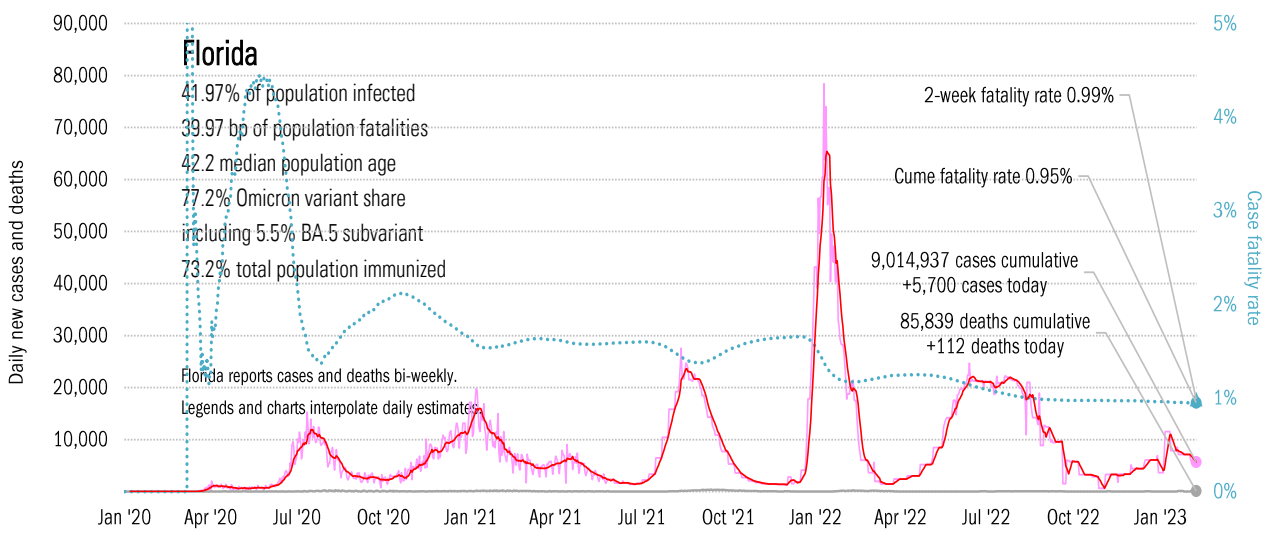
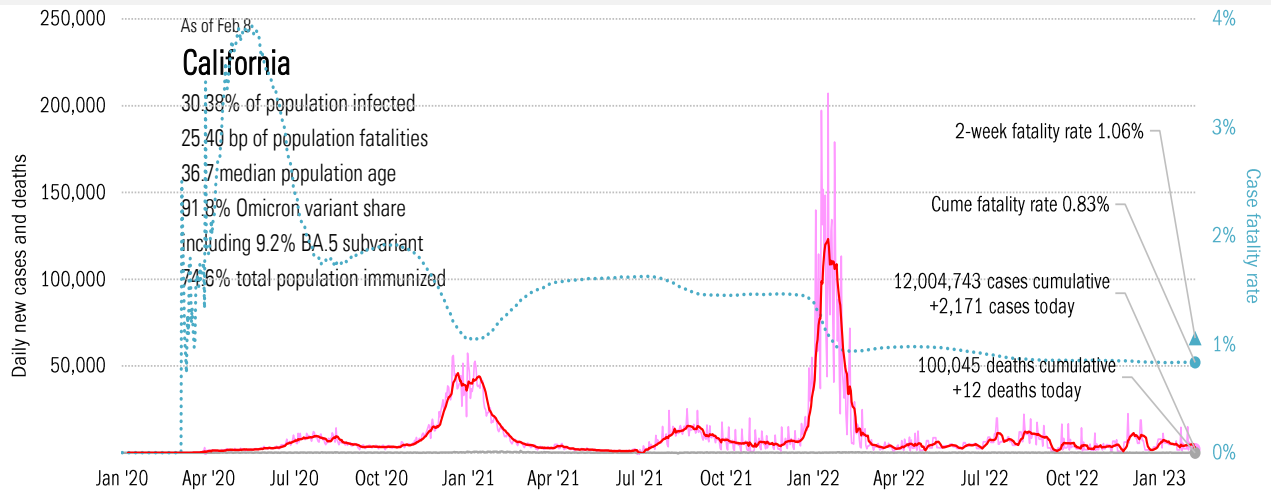
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

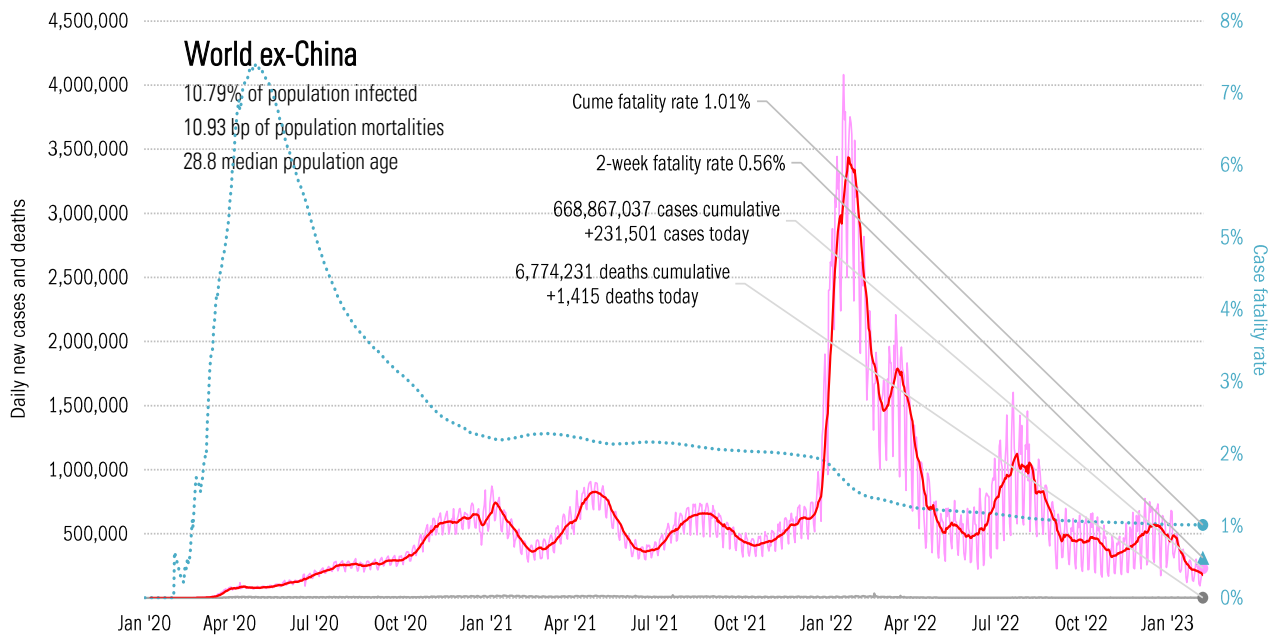
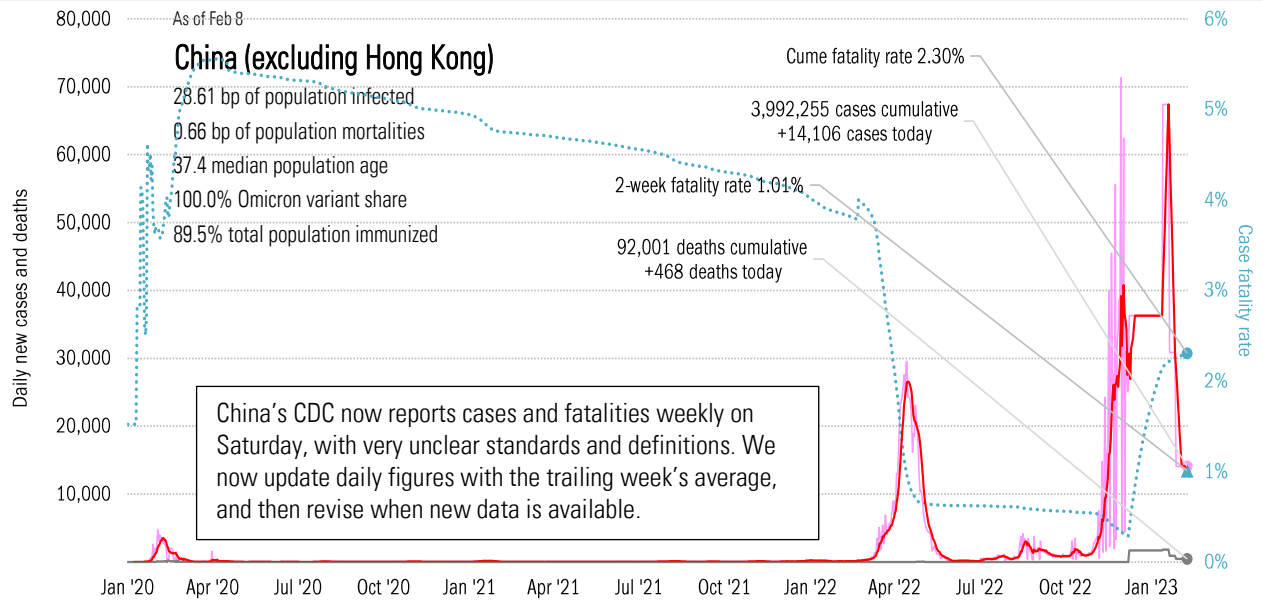
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

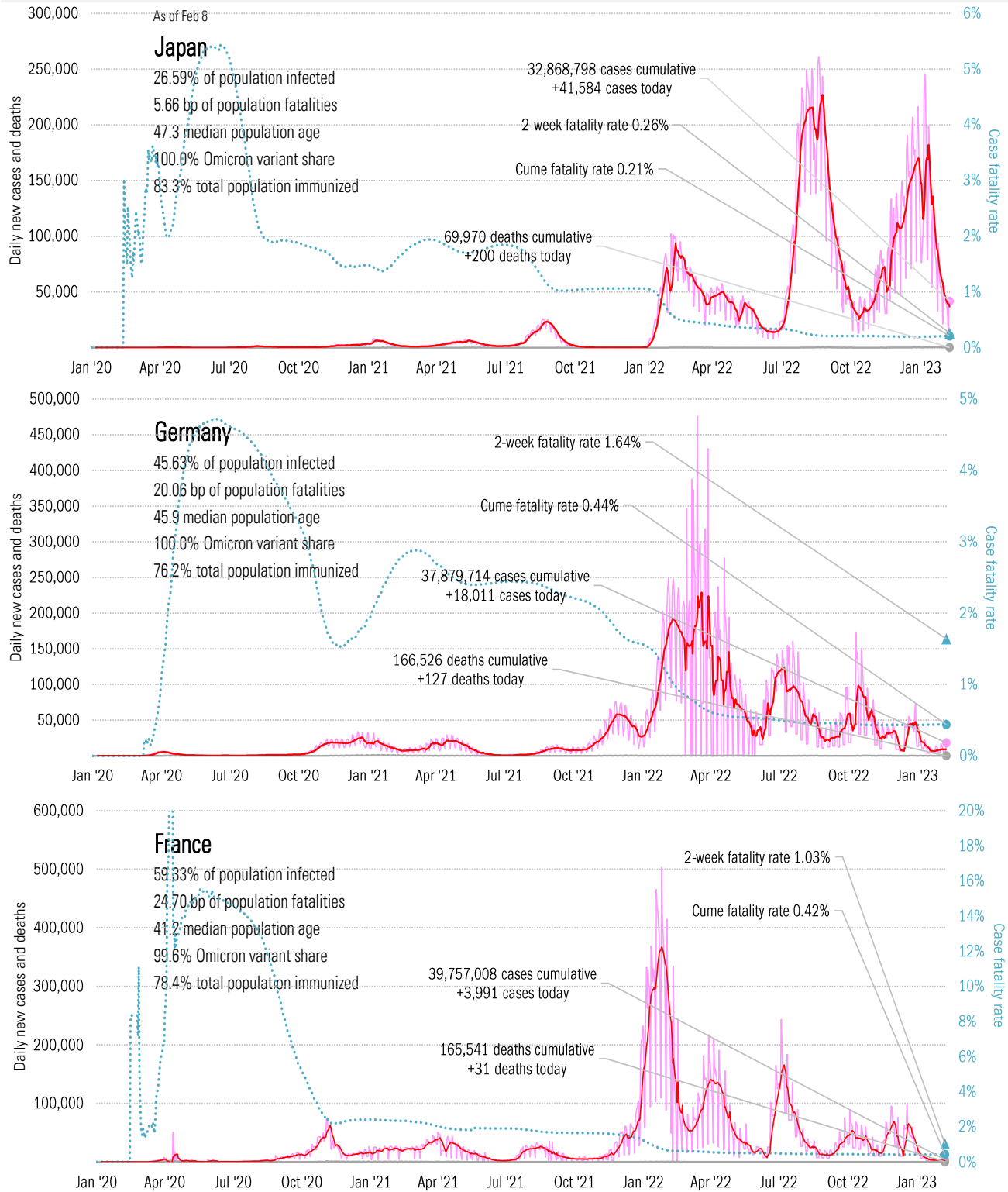
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

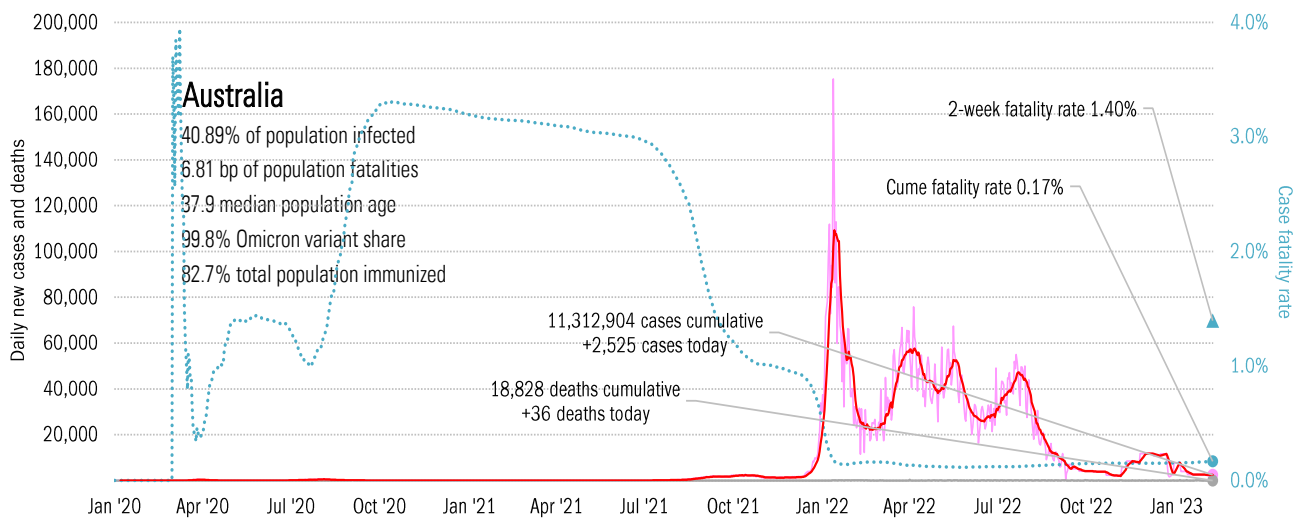
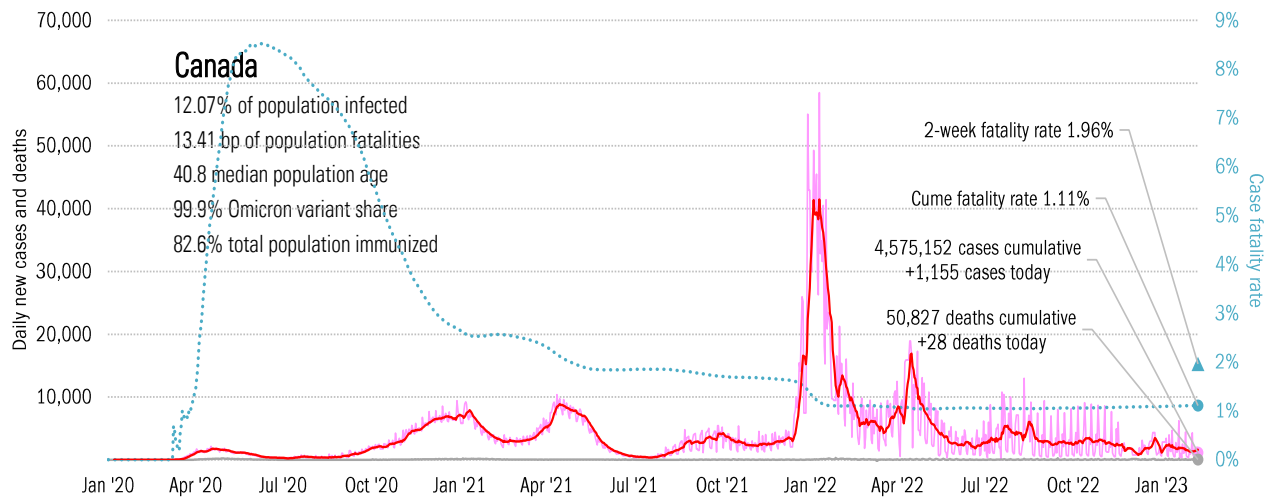
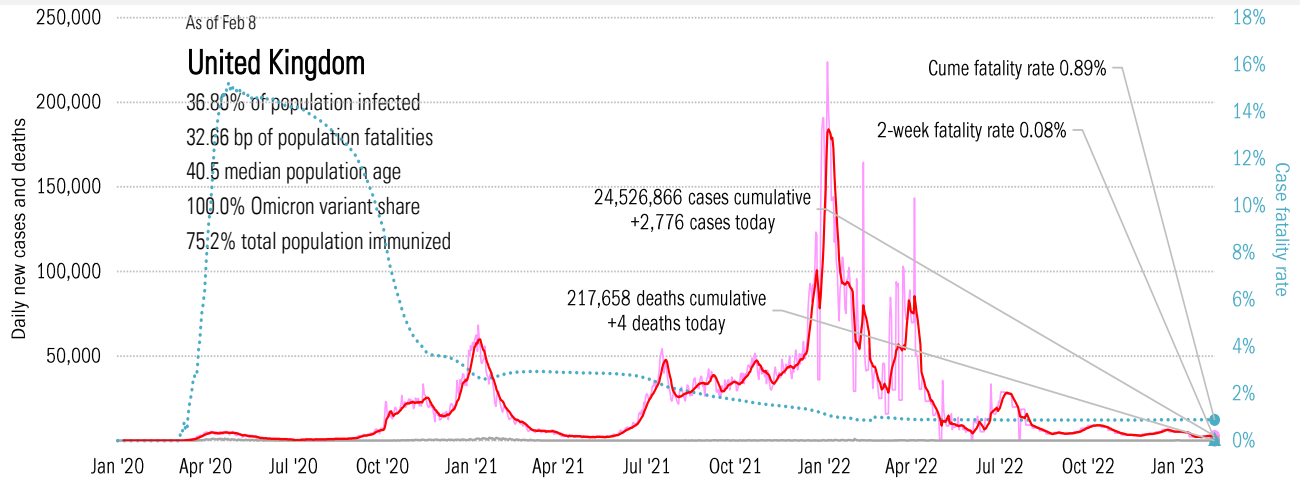
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

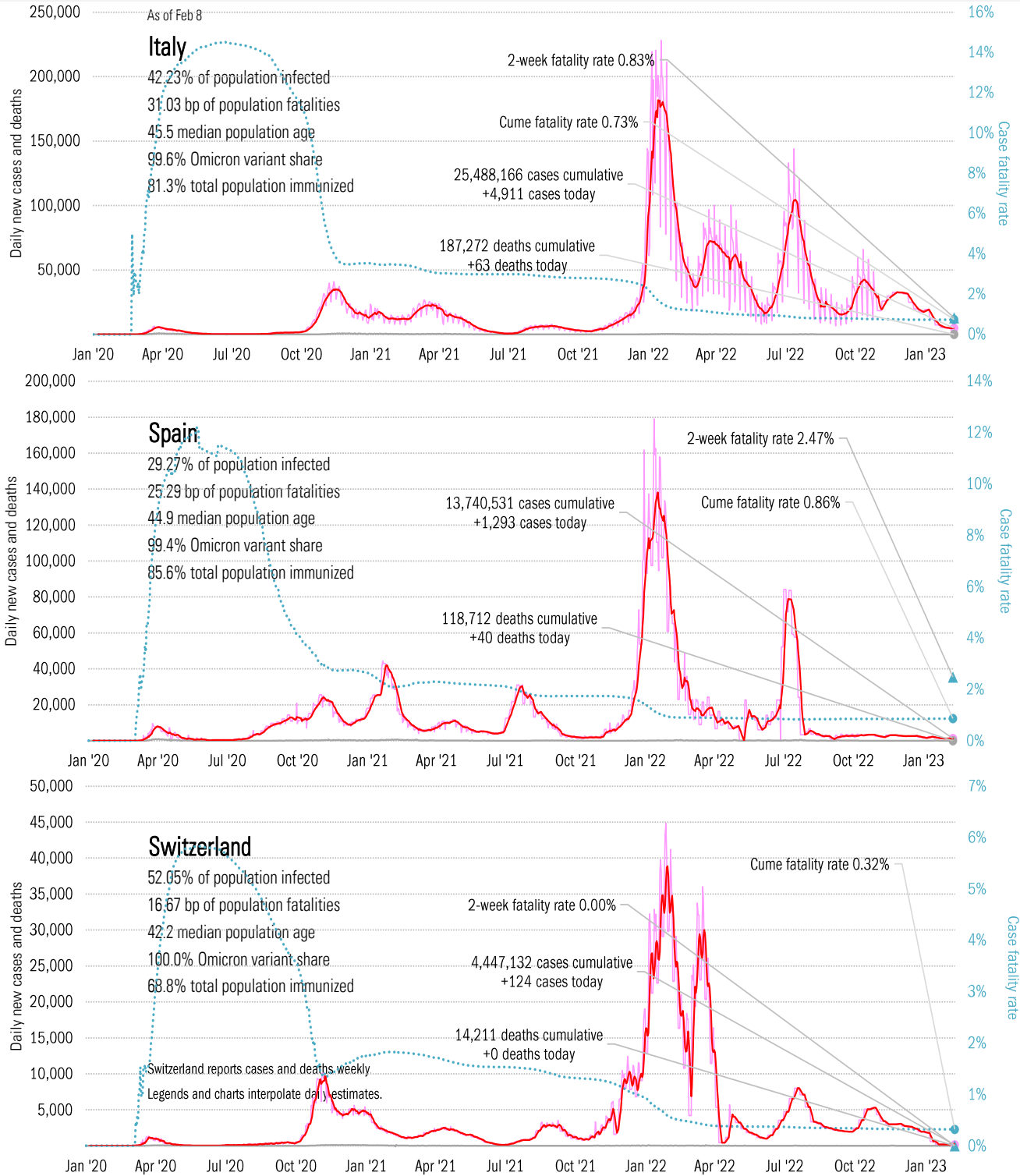
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

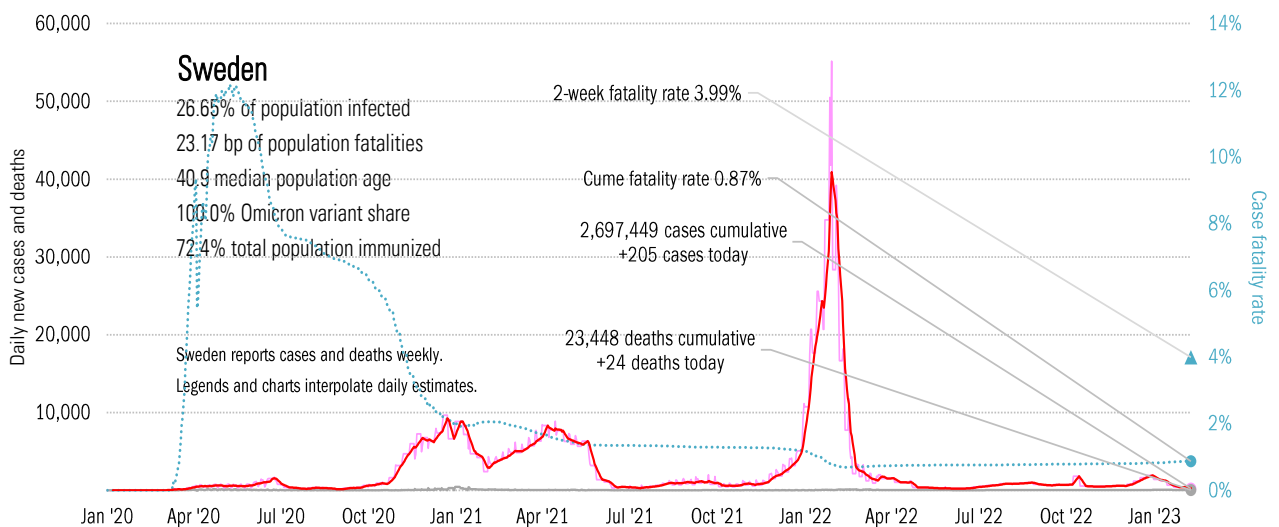
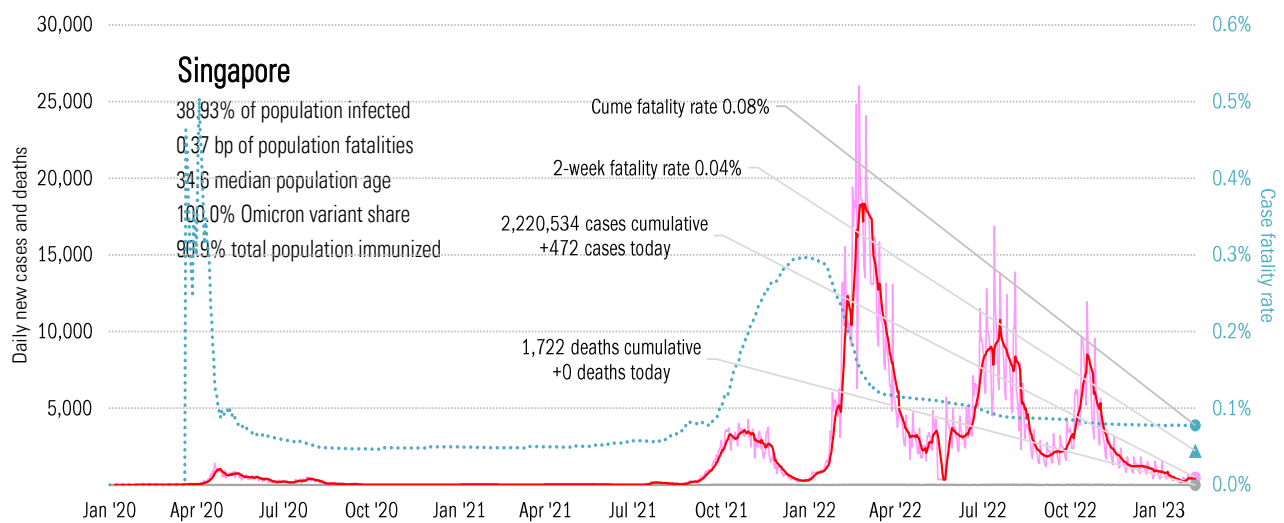
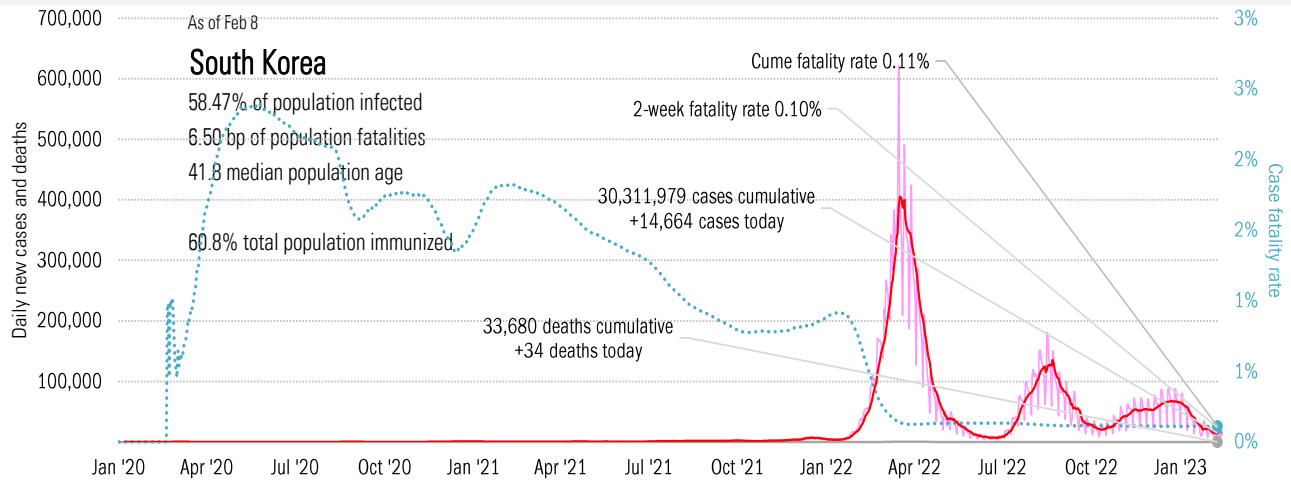
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

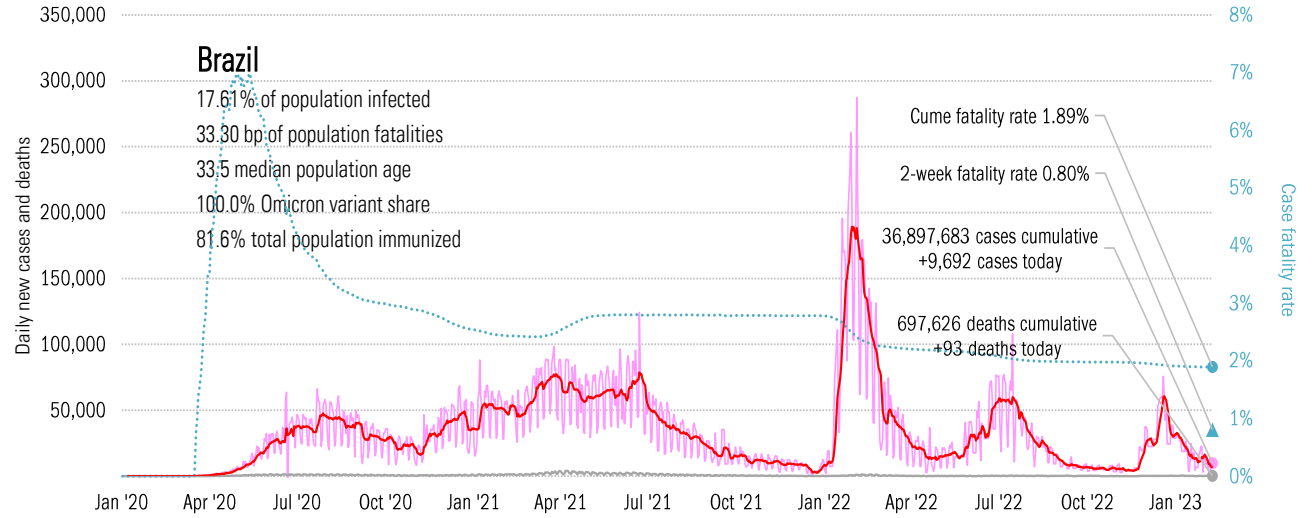
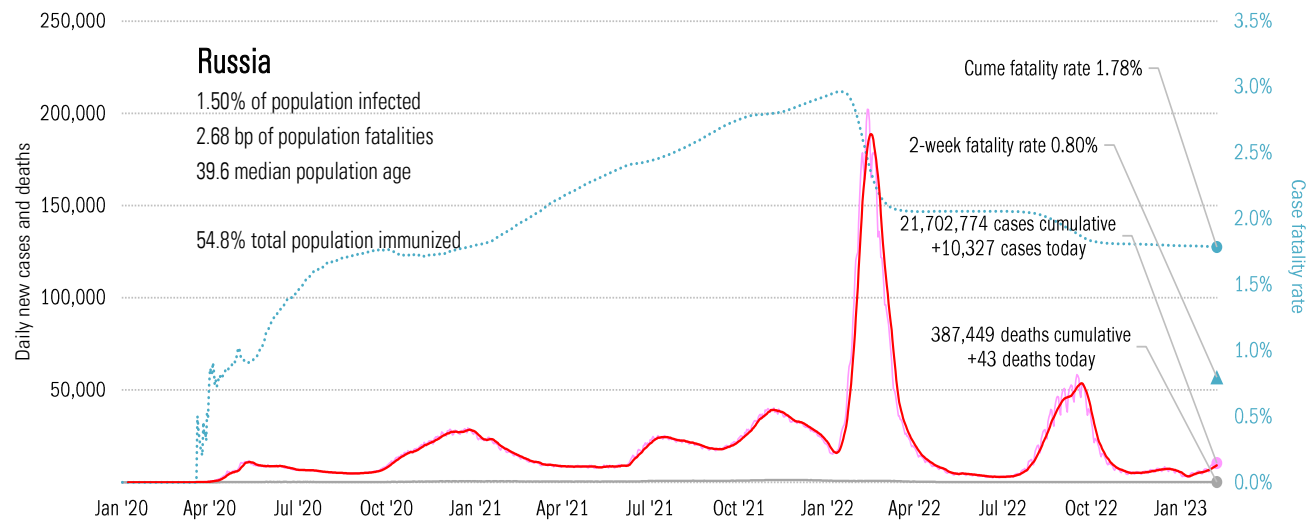
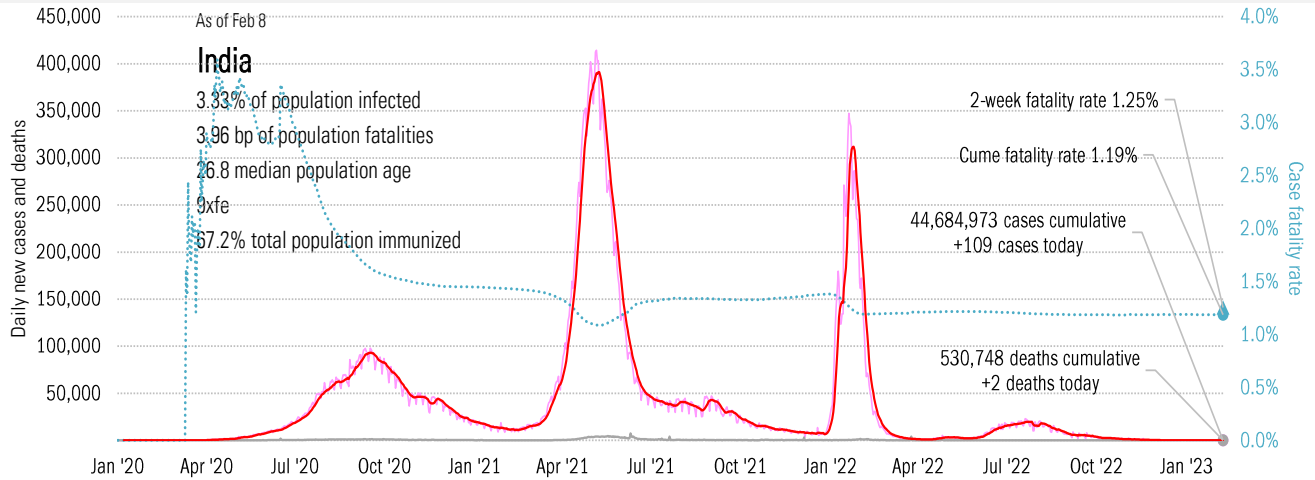
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

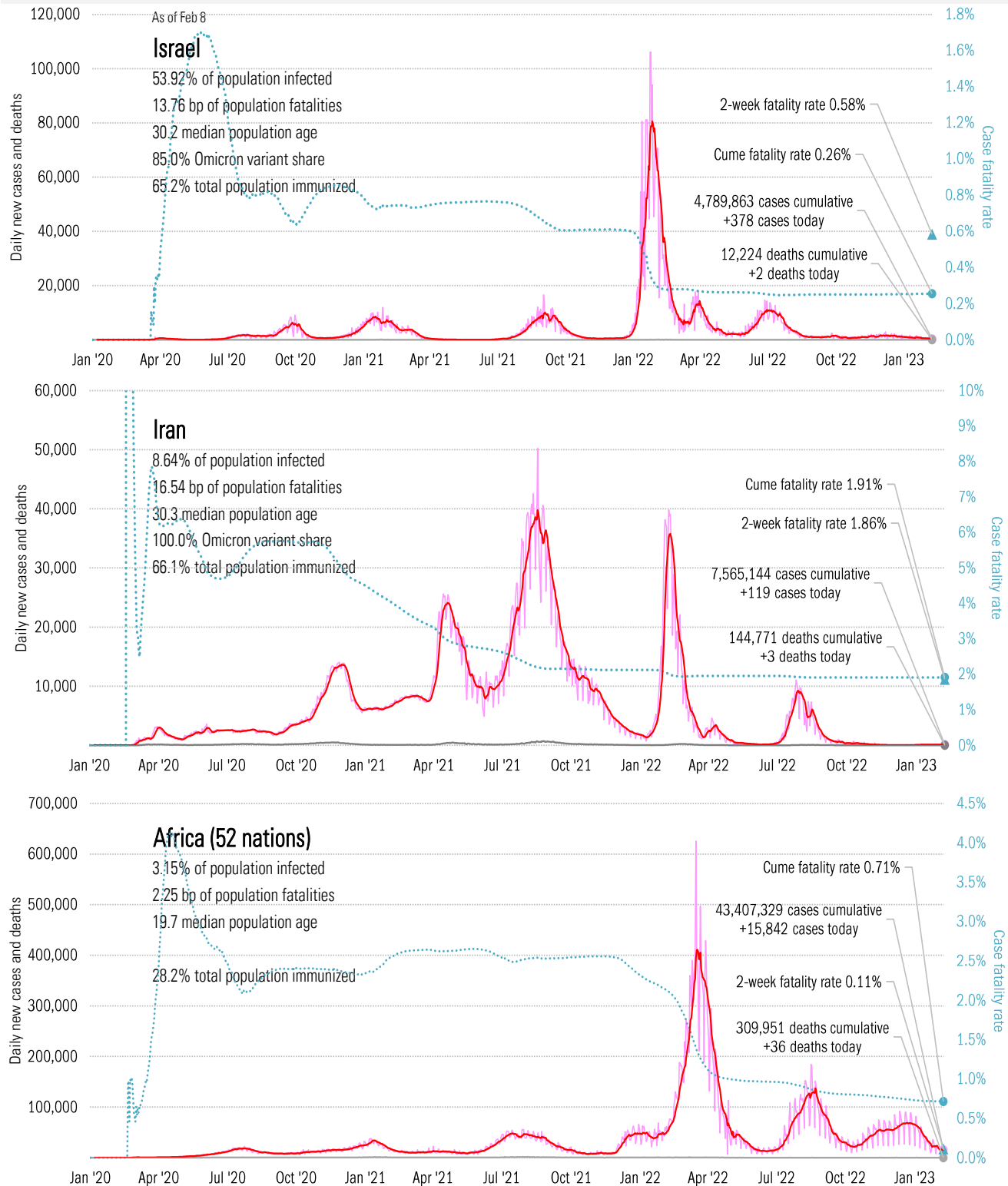
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

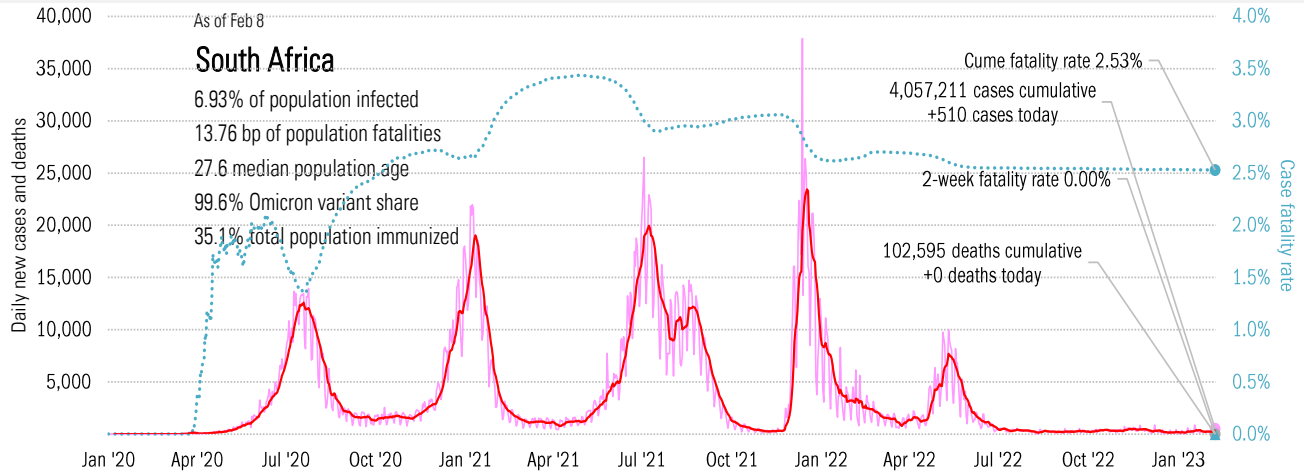
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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