

Data Insights: Covid-2019 Monitor

Friday, February 17, 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	32,536	United States	417
Japan	21,347	Japan	172
Brazil	17,948	China	126
Taiwan*	16,740	Brazil	114
Germany	16,393	Germany	90
Russia	14,664	Canada	88
Korea, South	11,436	Taiwan*	61
Canada	6,040	Italy	40
Austria	5,718	Finland	38
China	5,373	Spain	38
148,195		1,184	
World	210,687	World	1,537
Top ten	70%	Top ten	77%

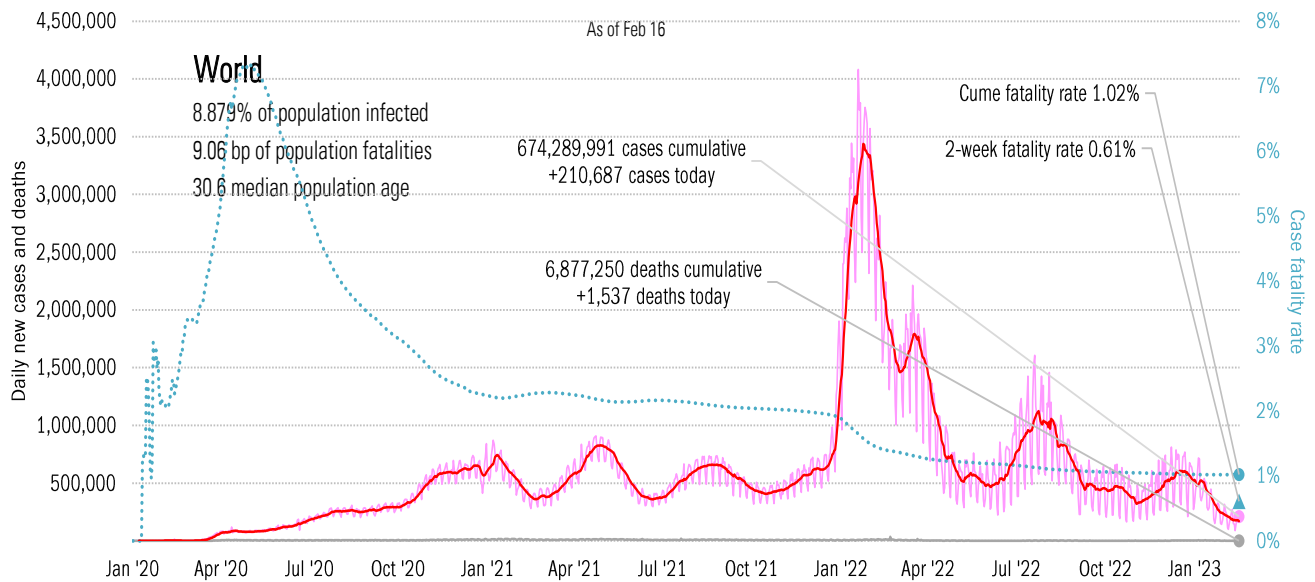
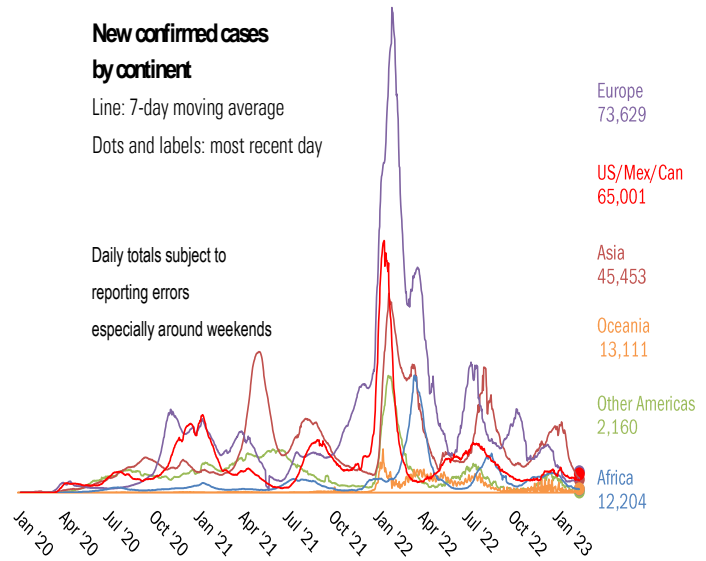
New confirmed cases by continent

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

Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

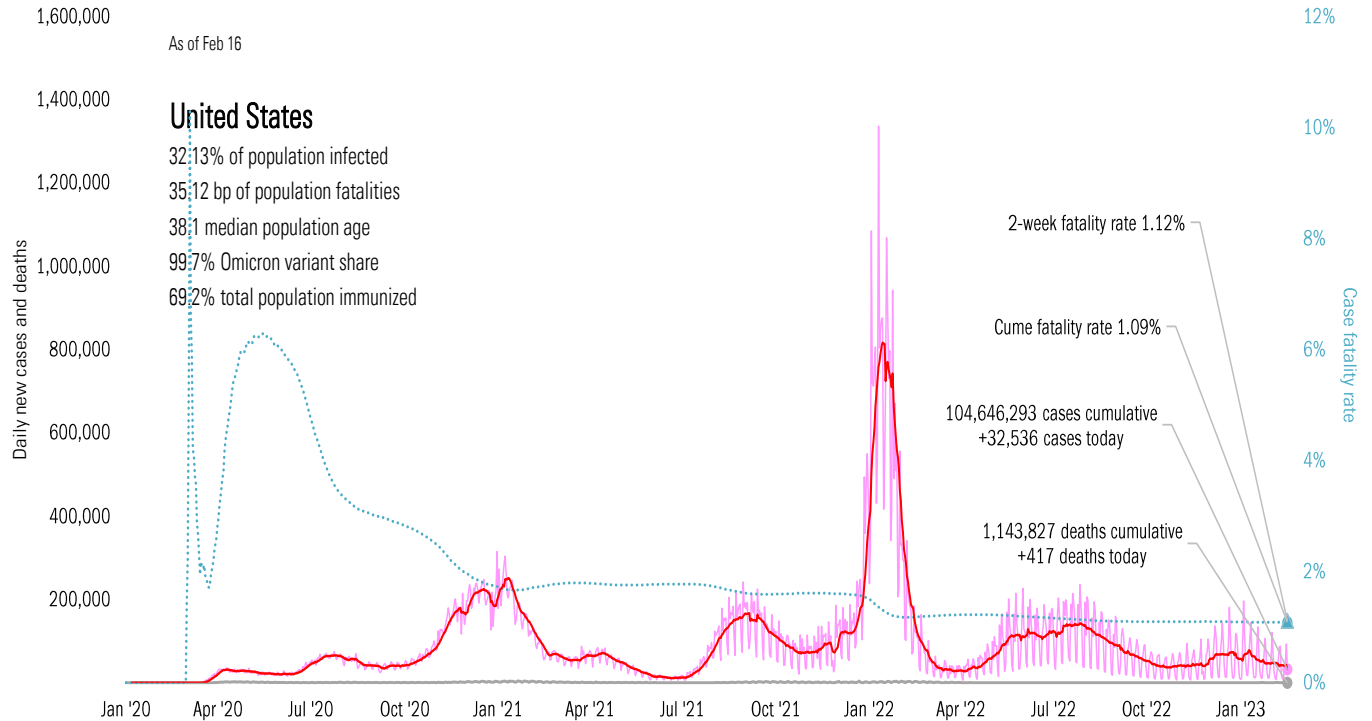
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	2,692		FL	49		PA	209		CA	12,055,324		CA	100,581		TX	586,832		MA	89%	VT	91%
TX	2,630		WV	46		IL	160		TX	8,417,265		TX	93,041		CA	564,338		RI	87%	TX	88%
NC	1,673		CA	38		CH	156		FL	7,483,857		FL	85,710		FL	530,920		MN	85%	AL	88%
NJ	1,595		NY	24		MA	124		NY	6,755,927		NY	76,928		NY	352,561		WA	84%	NM	85%
IL	1,545		DE	20		MI	97		IL	4,050,952		PA	50,055		CH	243,119		MD	83%	AR	85%
CA	1,542		VA	20		IN	85		PA	3,501,712		GA	42,245		GA	241,508		NH	83%	MA	85%
PA	1,499		PA	19		CT	70		NC	3,449,973		MI	41,868		PA	229,345		WV	83%	NH	83%
NY	1,348		MA	18		OK	55		CH	3,373,859		CH	41,615		IL	212,607		DC	83%	DC	83%
CH	1,286		NJ	14		WV	30		GA	3,049,248		IL	41,335		MI	179,967		CH	83%	RI	83%
VA	1,050		WA	13		IA	39		MI	3,043,192		NJ	35,911		NJ	162,331		DE	83%	WV	83%
16,859			260			1,025			55,181,309			609,289			3,303,528						
All states	32,536			417			3,712		All states	104,646,293			1,143,827			5,985,496		All states	70%		67%
Top ten	52%			62%			28%		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	
FL	-3,009	TX	-19	FL	-132
TX	-2,226	WI	-19	AL	-54
NY	-1,106	NY	-14	LA	-49
NH	-321	TN	-7	NJ	-49
MO	-113	MD	-4	TX	-48

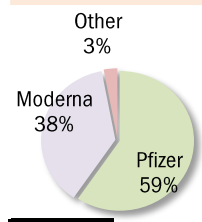


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

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	69.2%	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%	84.4%
						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%

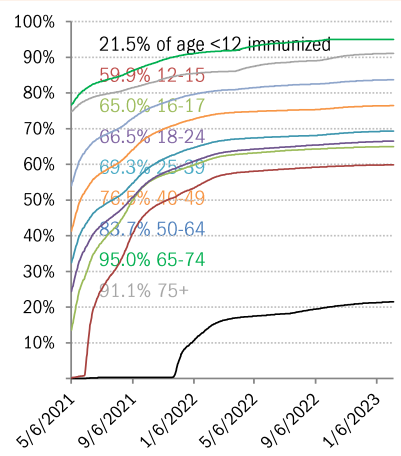
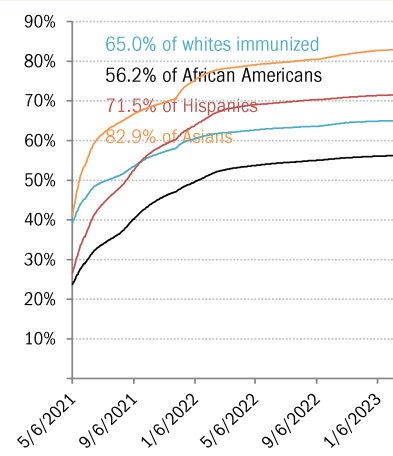
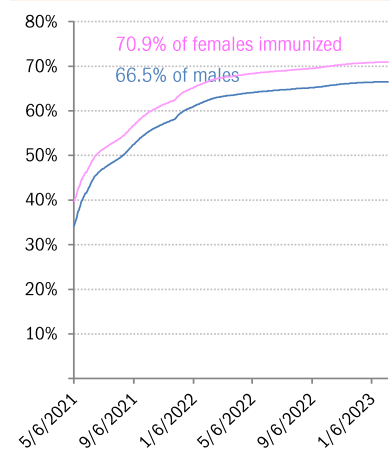
WI
75.1%
68.2%

As of Feb 17

ME
95.0%
83.3%

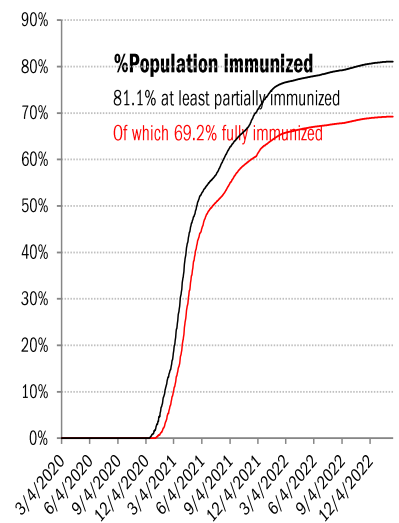
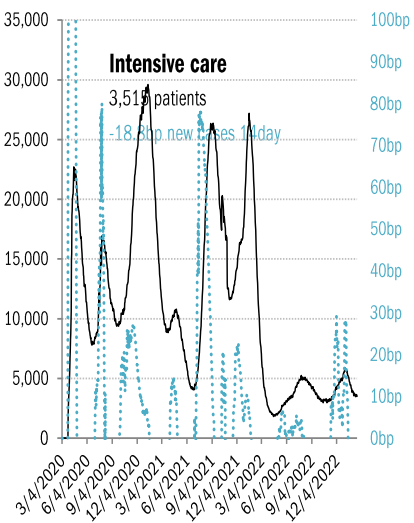
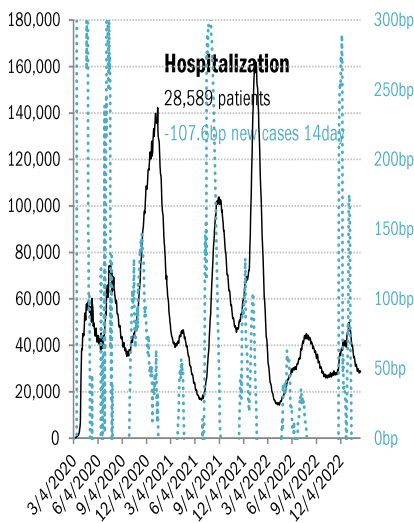
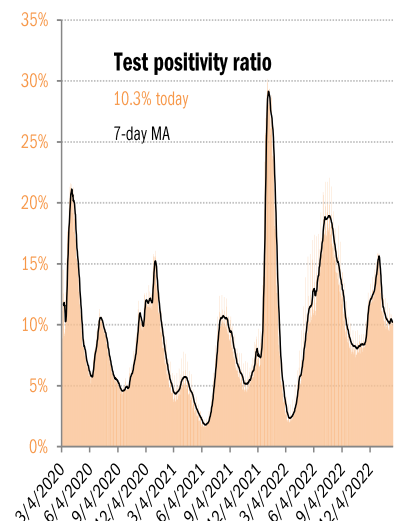
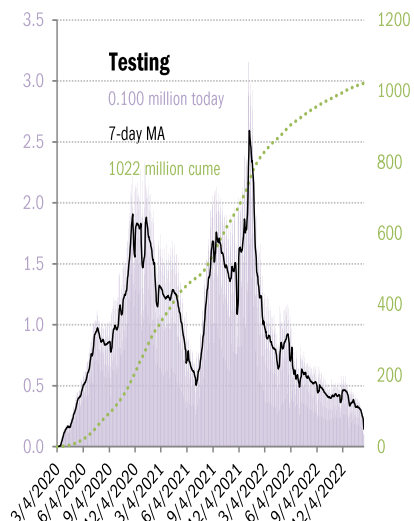
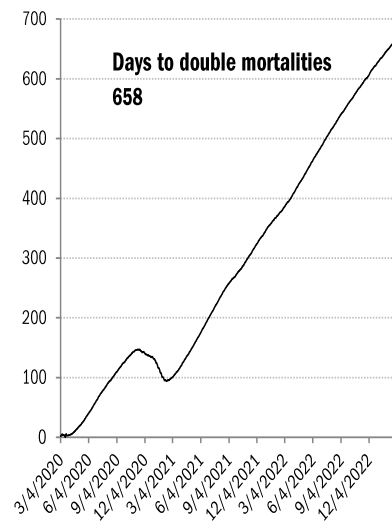
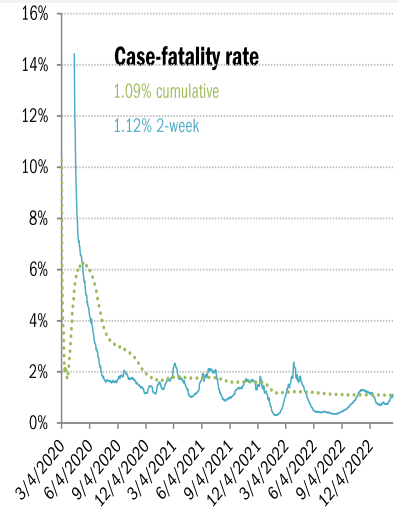
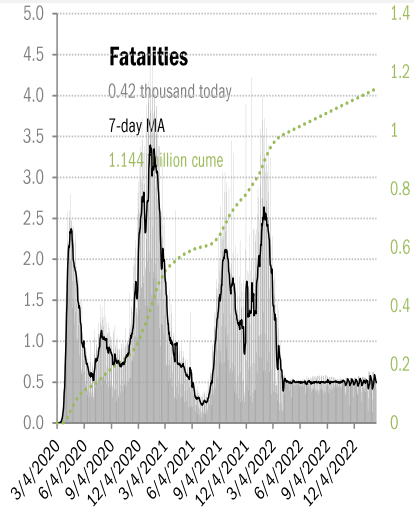
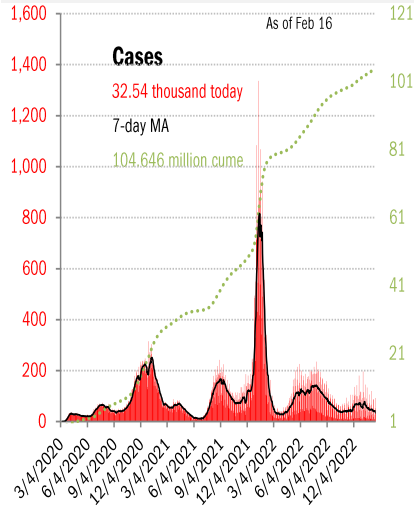
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.2%	63.9%	68.3%	69.4%	78.8%	79.2%	69.4%	94.4%	95.0%	88.2%	
76.0%	56.4%	59.2%	58.7%	72.1%	71.3%	62.3%	80.8%	85.7%	71.9%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.6%	77.6%	60.9%	83.9%	70.7%	64.4%	65.7%	90.6%	94.6%	95.0%	
72.4%	63.7%	53.0%	66.3%	64.4%	57.7%	60.4%	73.4%	79.1%	84.3%	
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										
76.4%										
63.2%										
HI							FL		PR	
91.4%							82.5%		90.9%	
81.5%							69.4%		84.1%	

The demographics of US vaccination

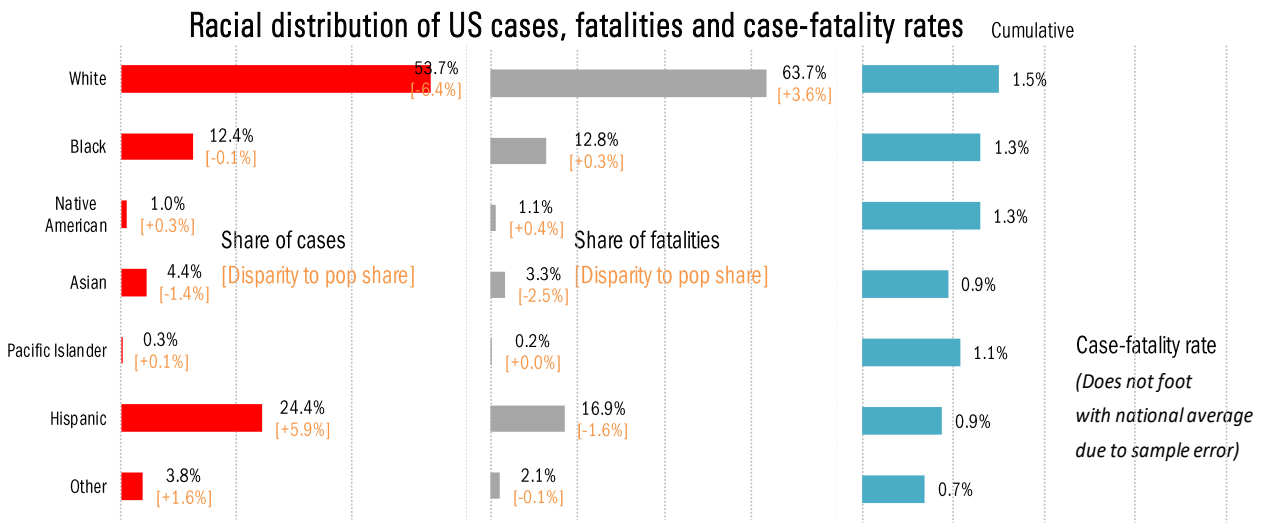
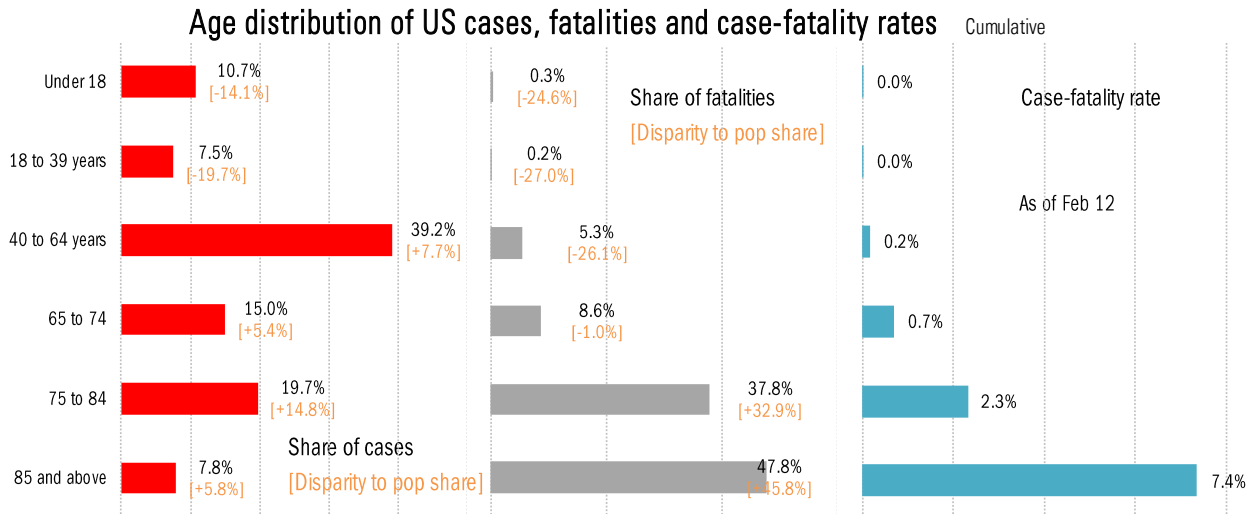


Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

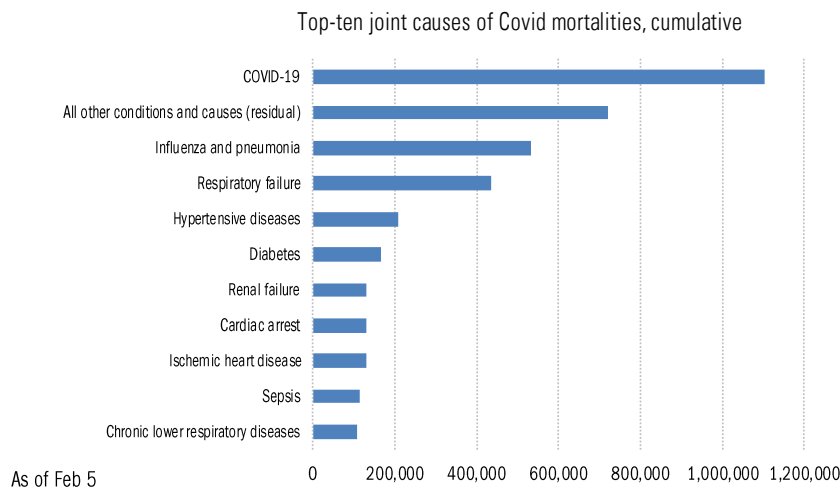
US deep-dive



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

[Florida Surgeon General Joe Ladapo sends scathing letter to FDA and CDC](#)

Steve Kirsch
Steve Kirsch's Newsletter
February 16, 2023

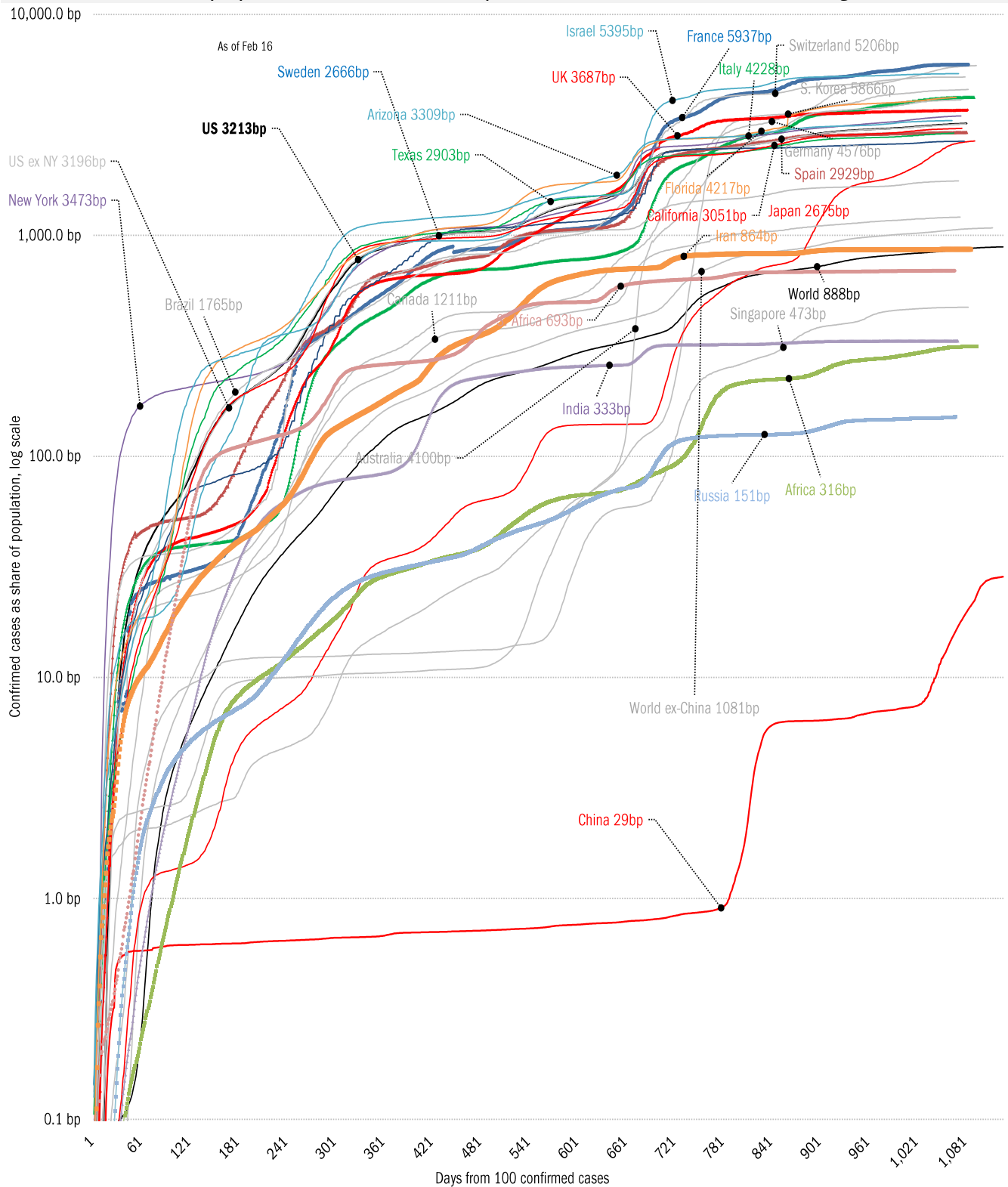
Meme of the Day



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

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

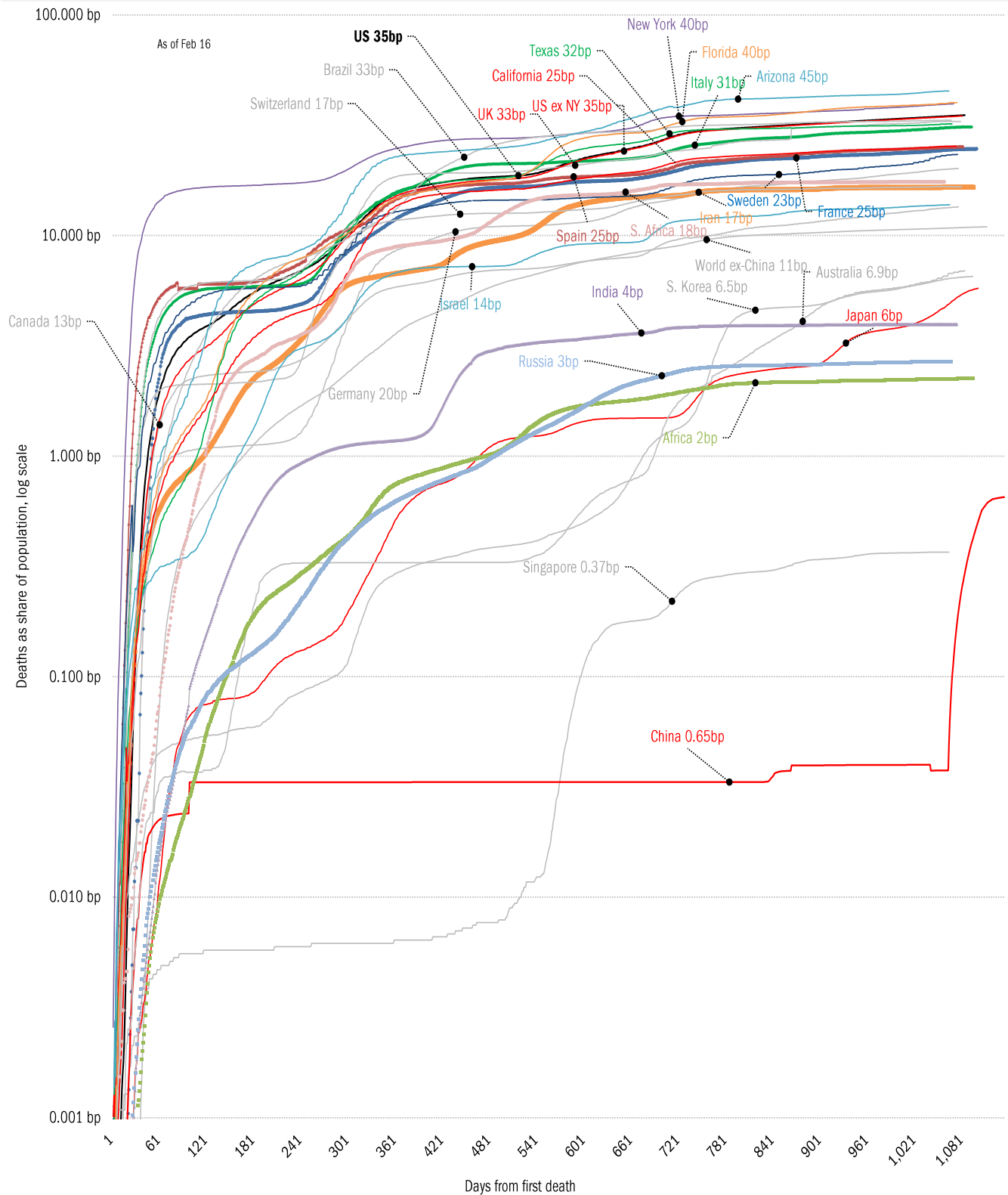
Share of infected population from first day with 100 confirmed cases, log scale



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

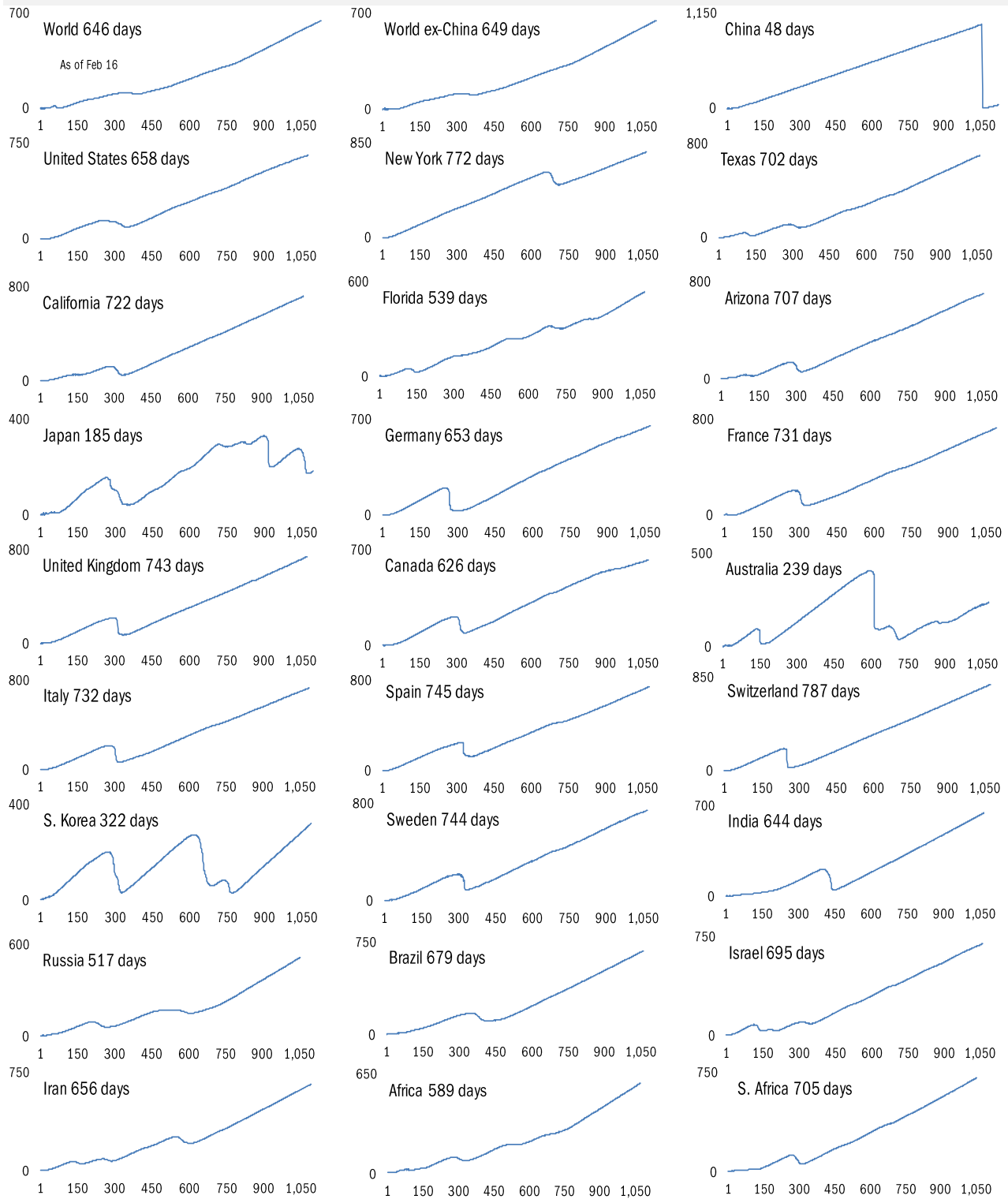


Source: [Johns Hopkins](#), TrendMacro calculations

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

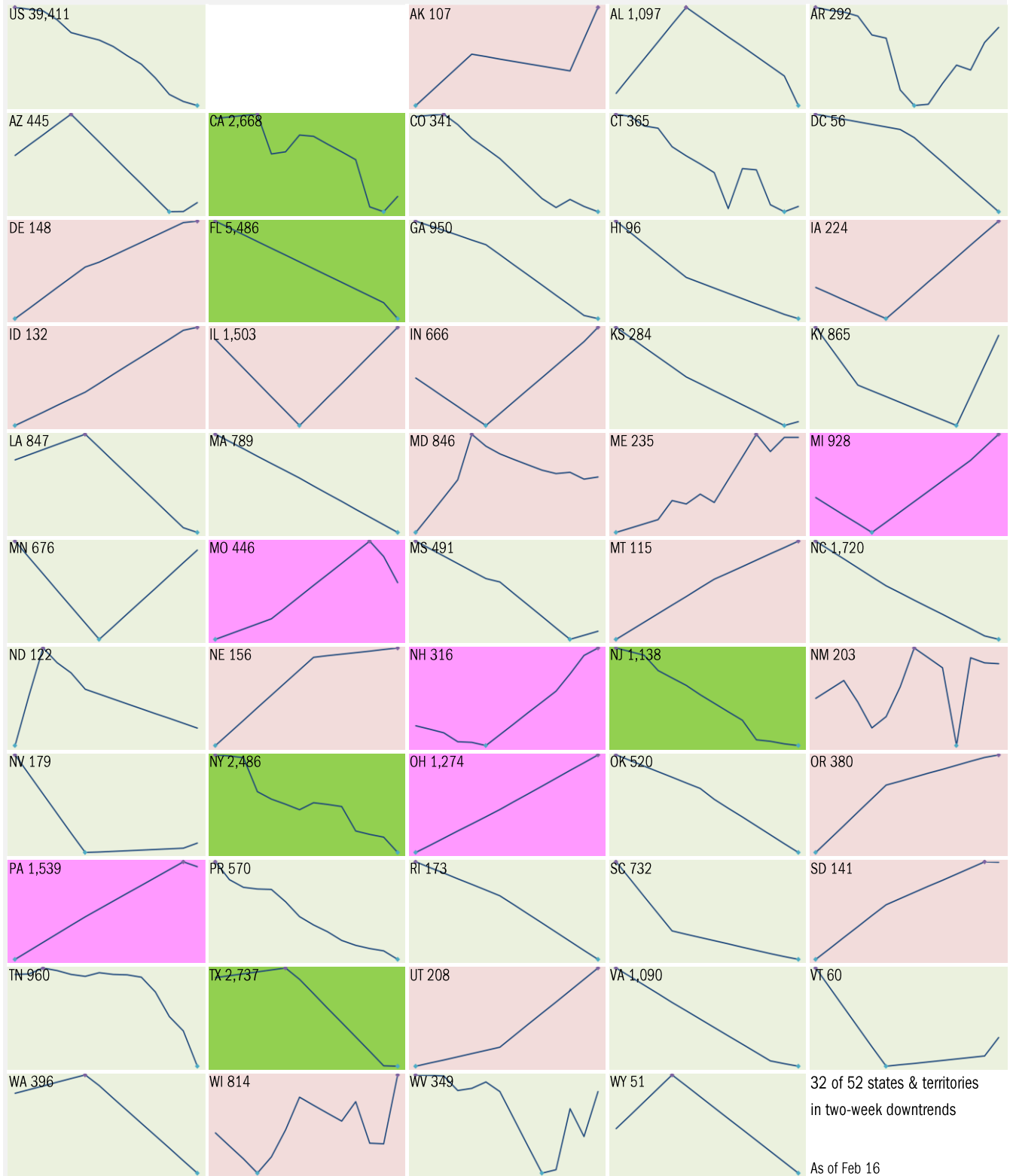


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

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

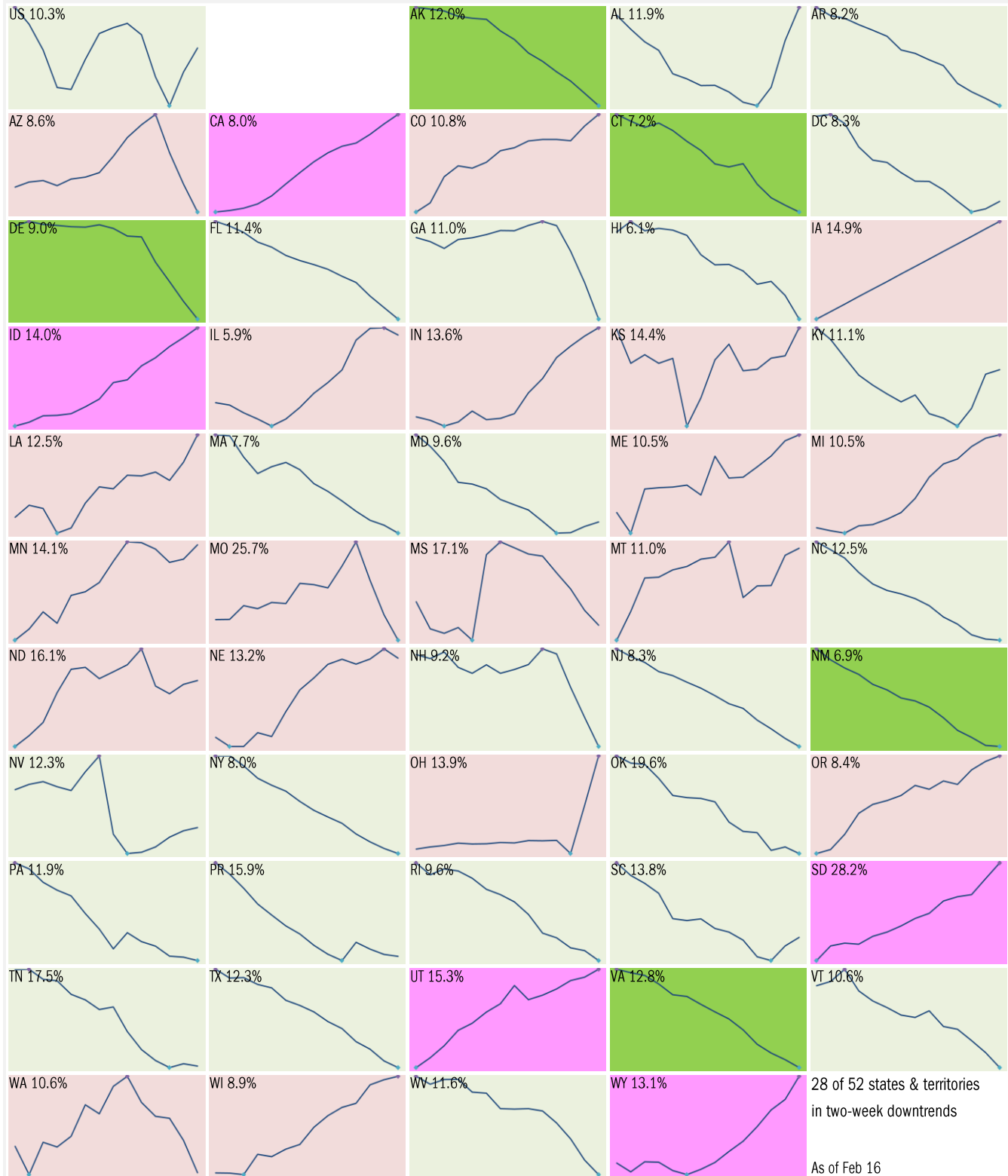


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

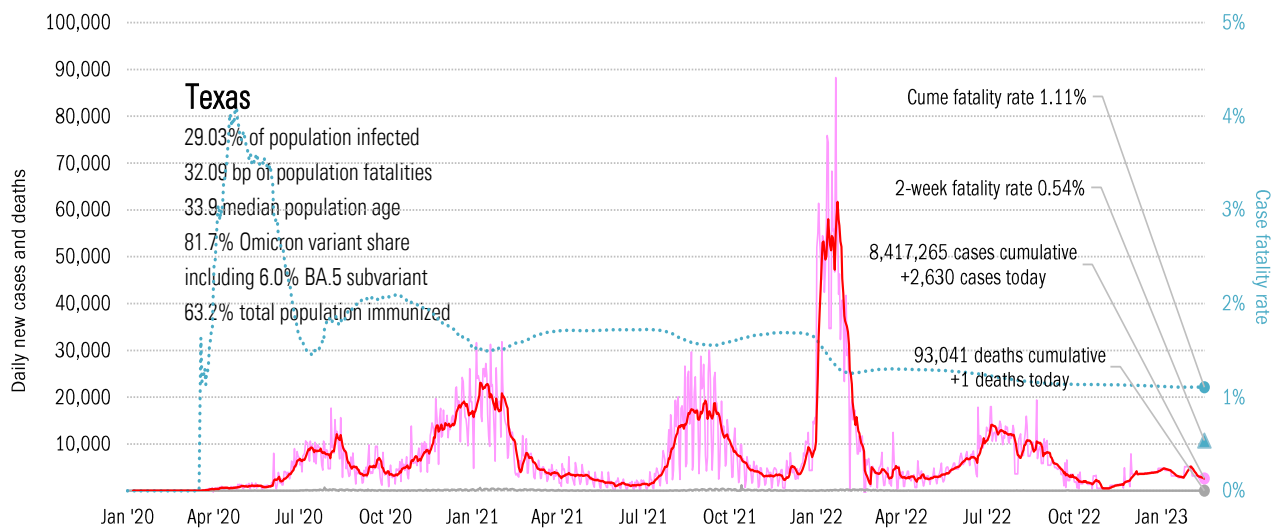
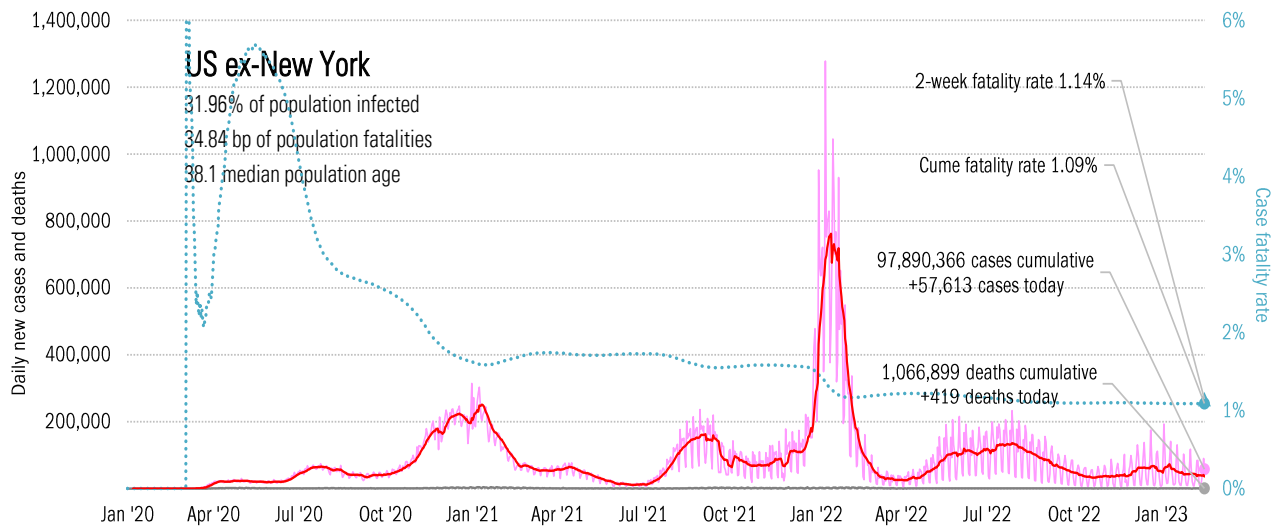
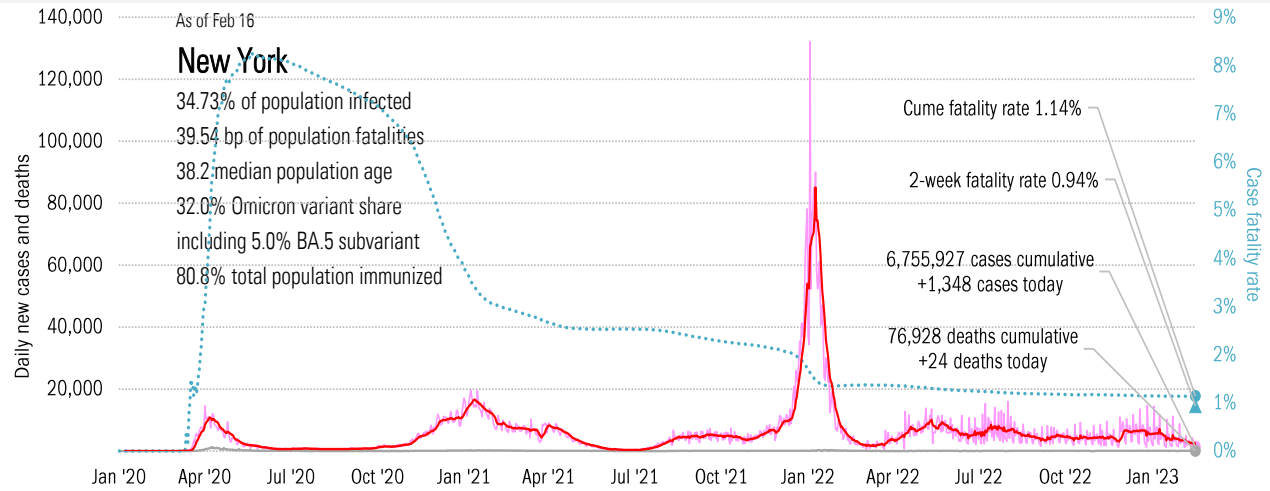
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

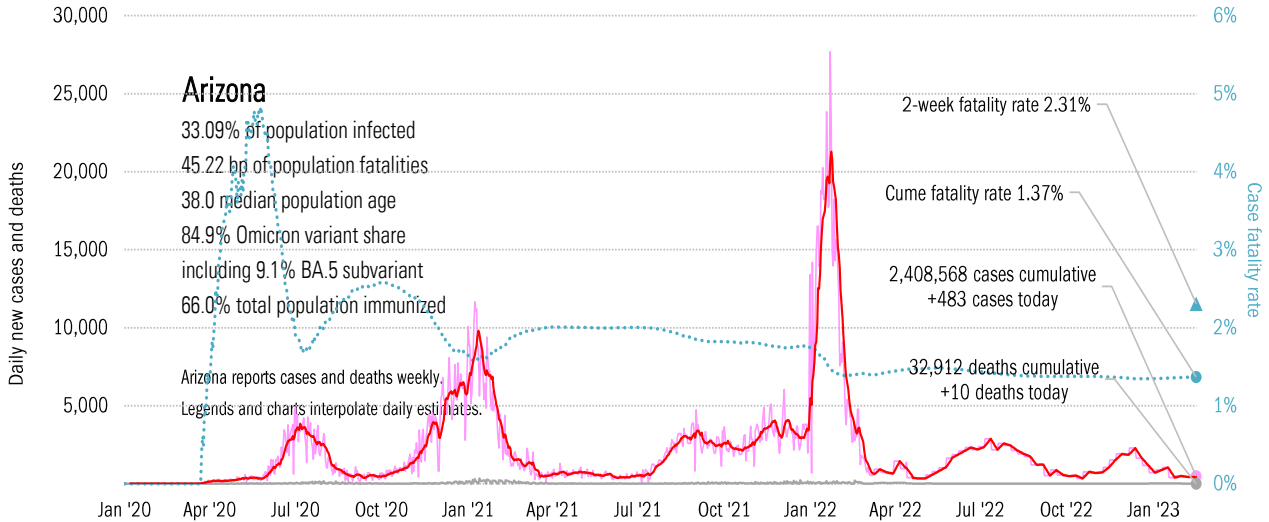
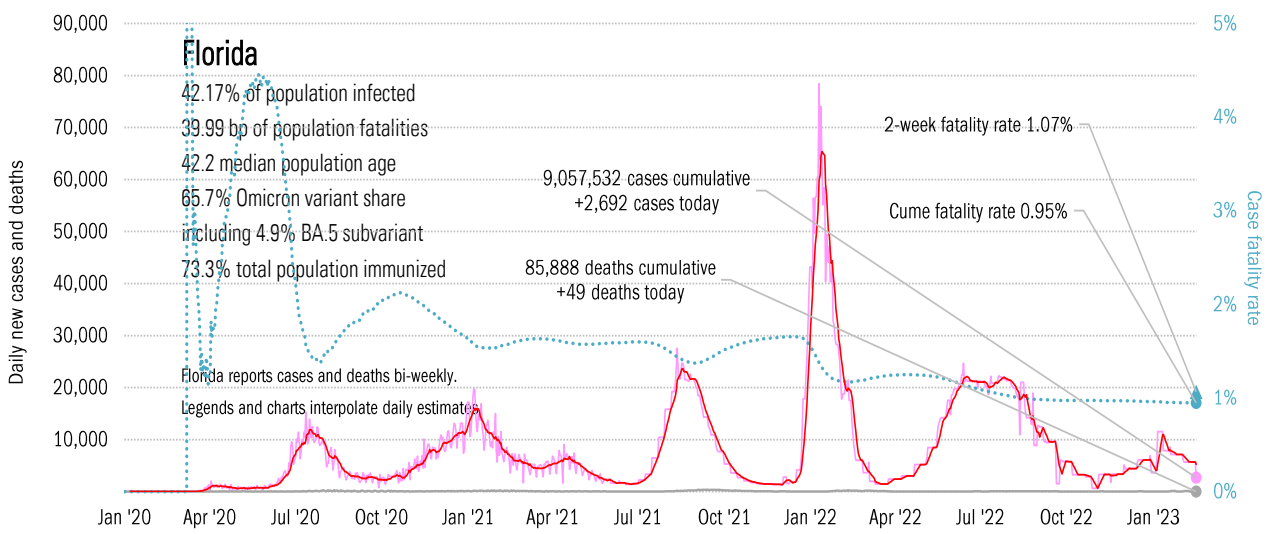
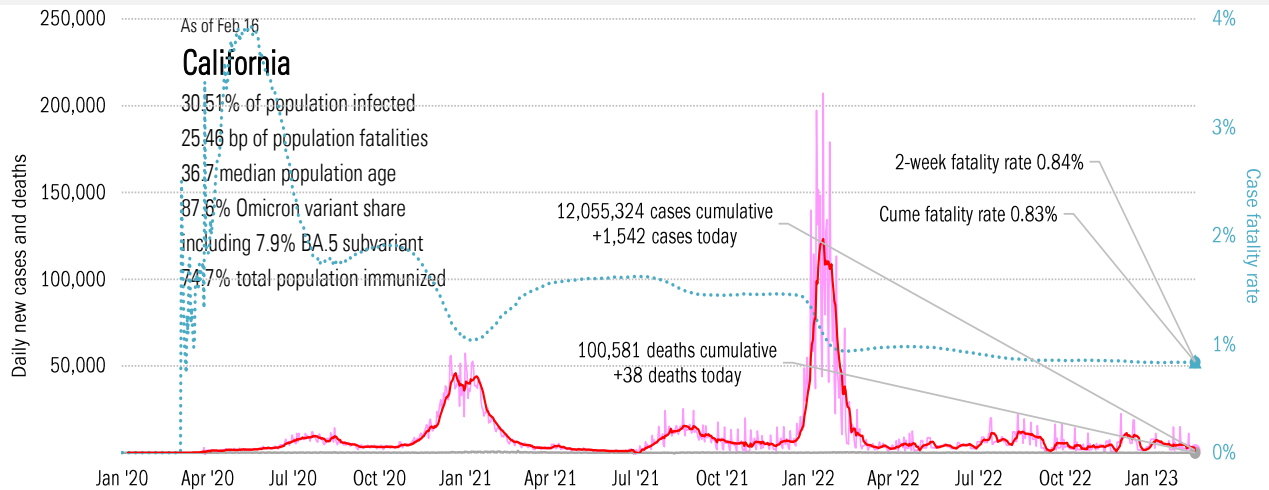
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

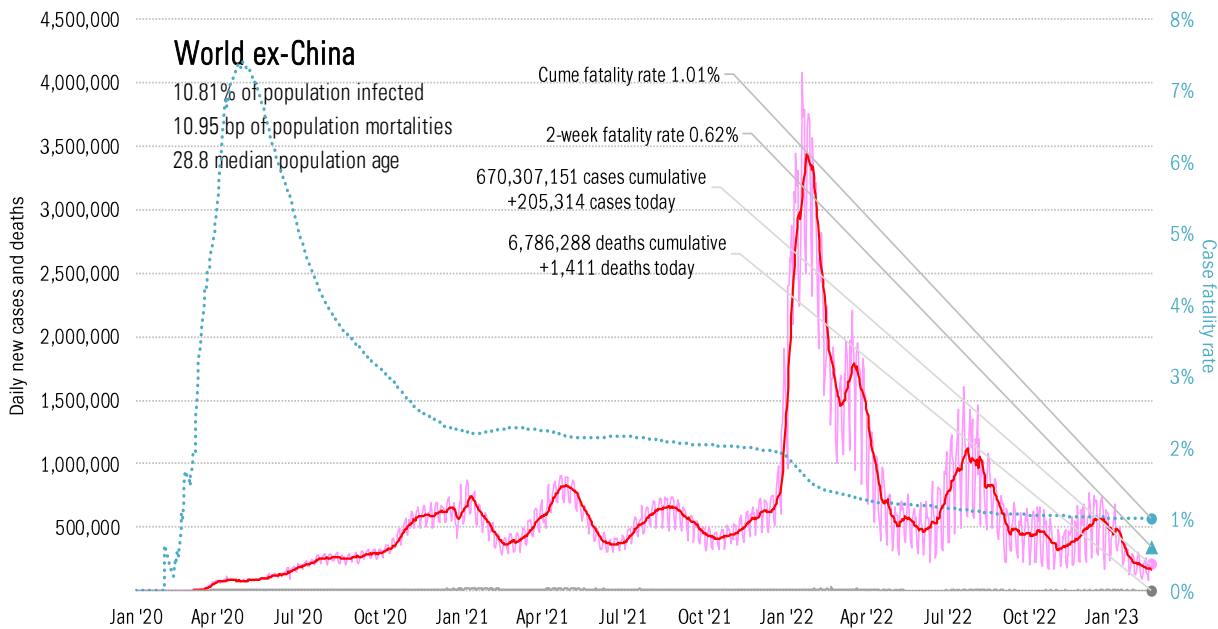
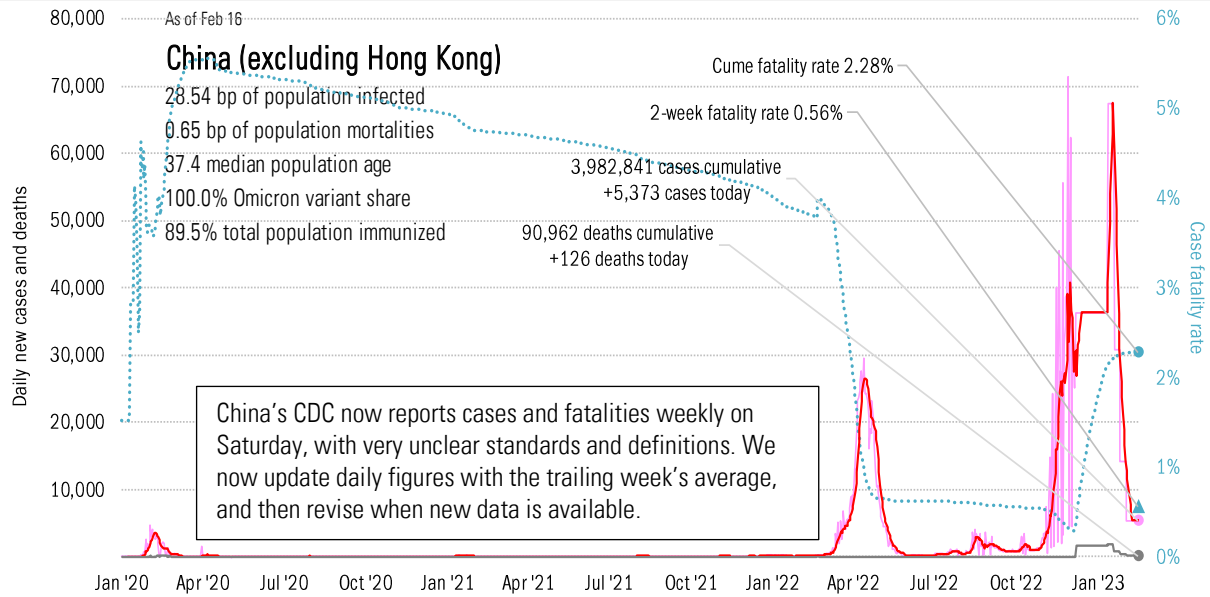
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

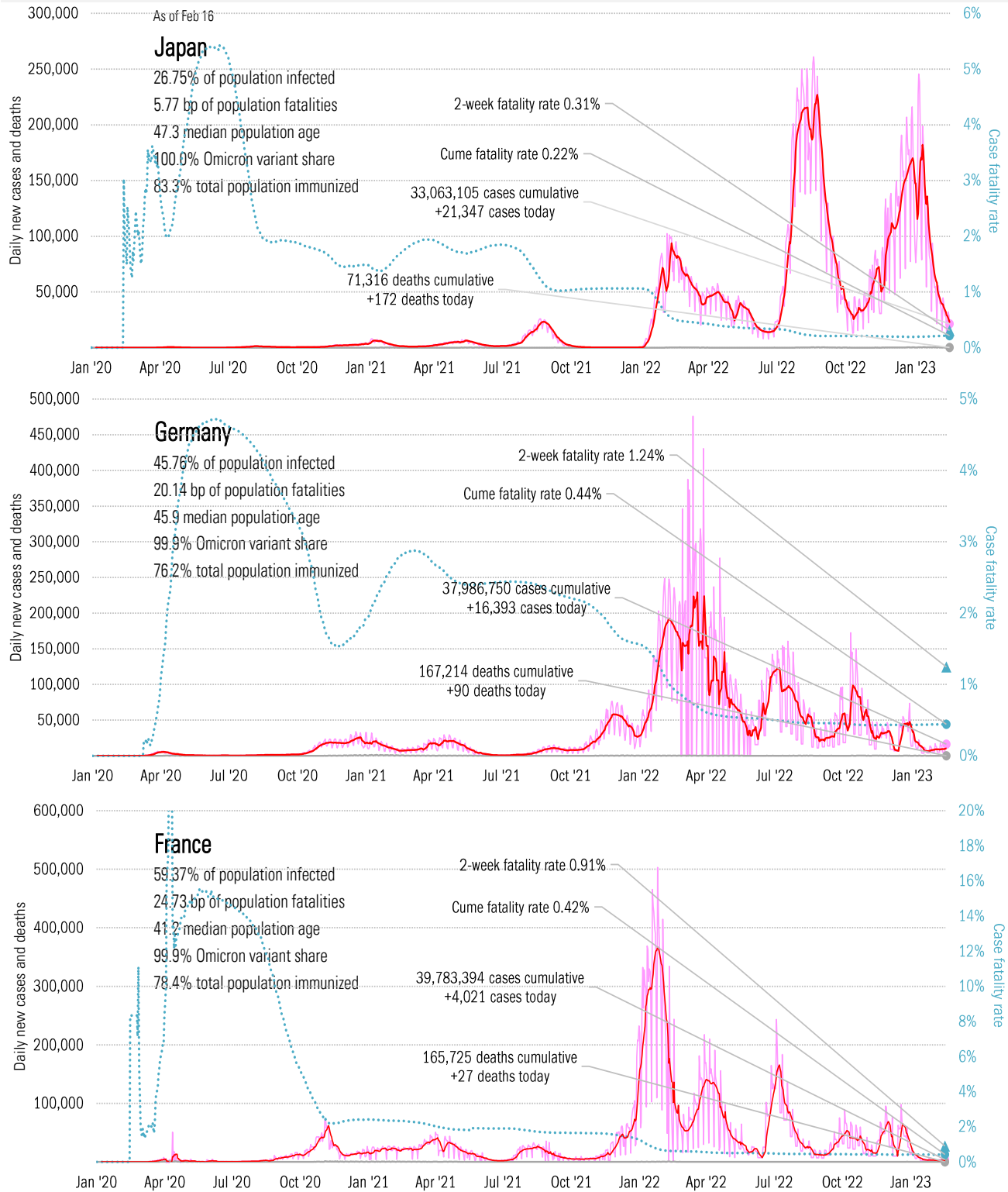
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

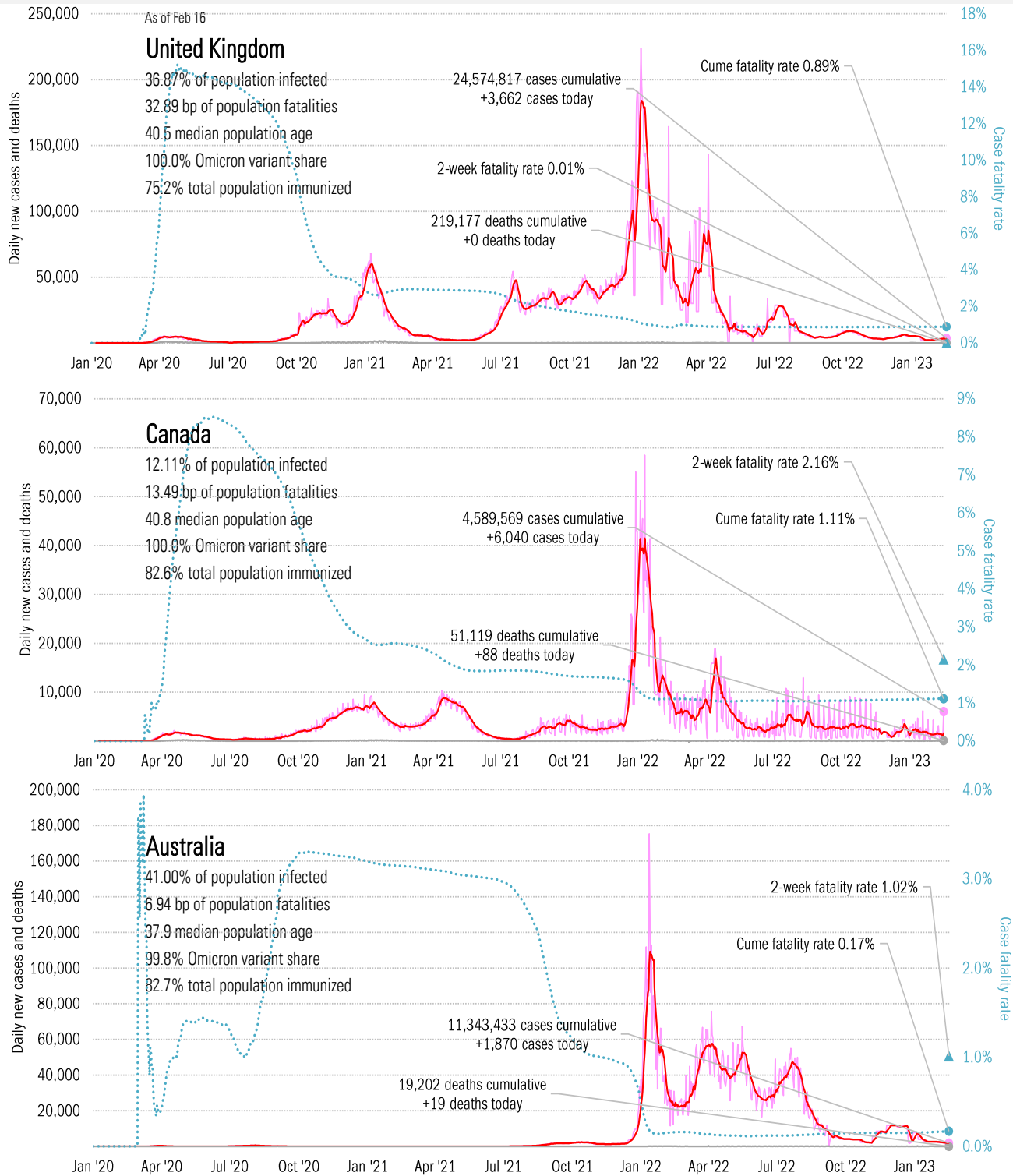
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

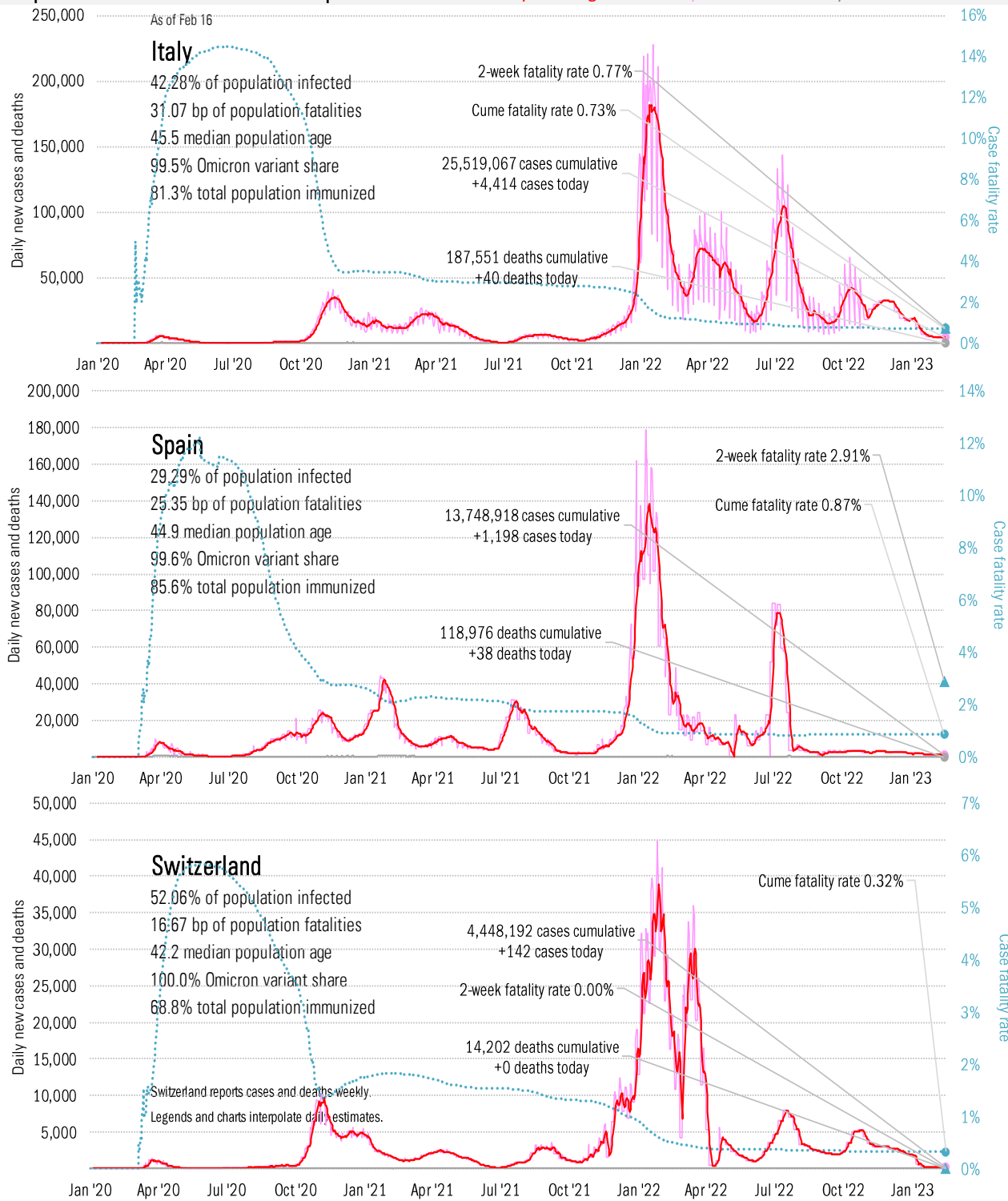
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

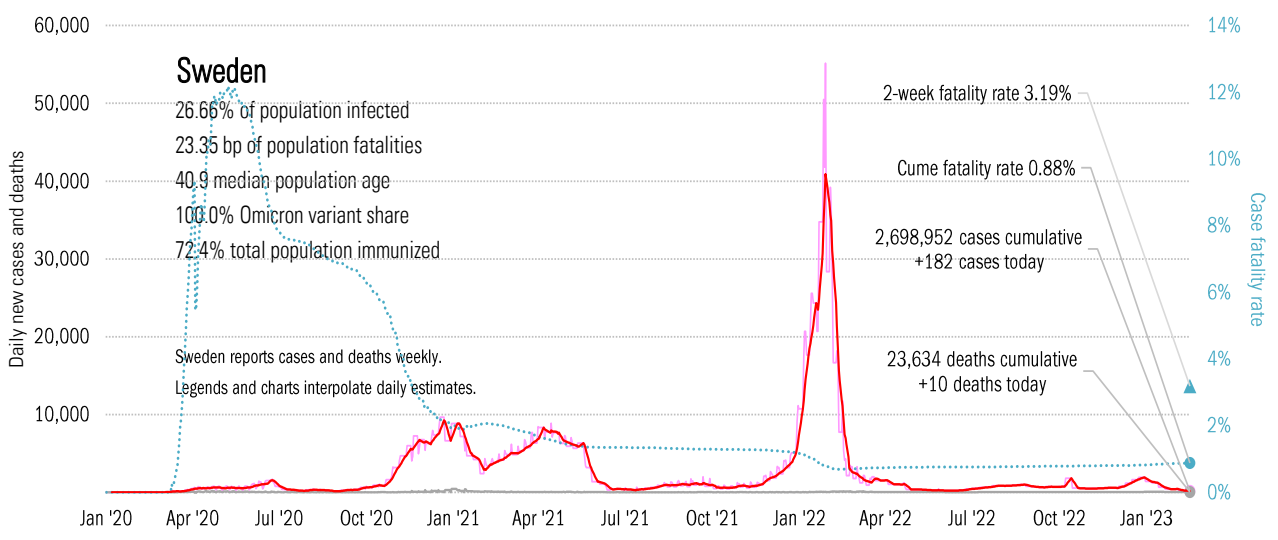
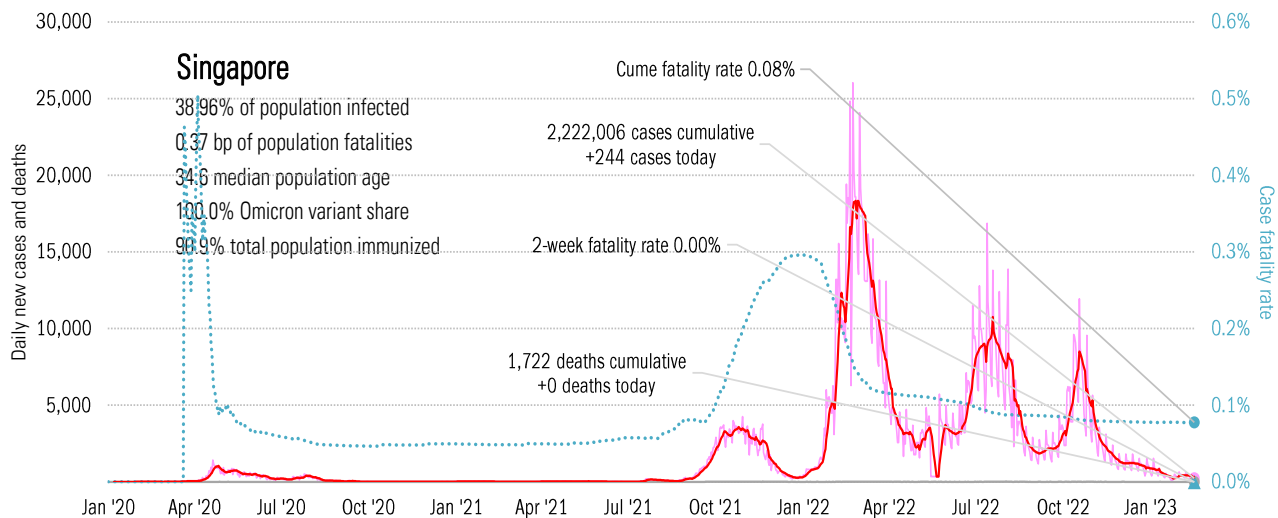
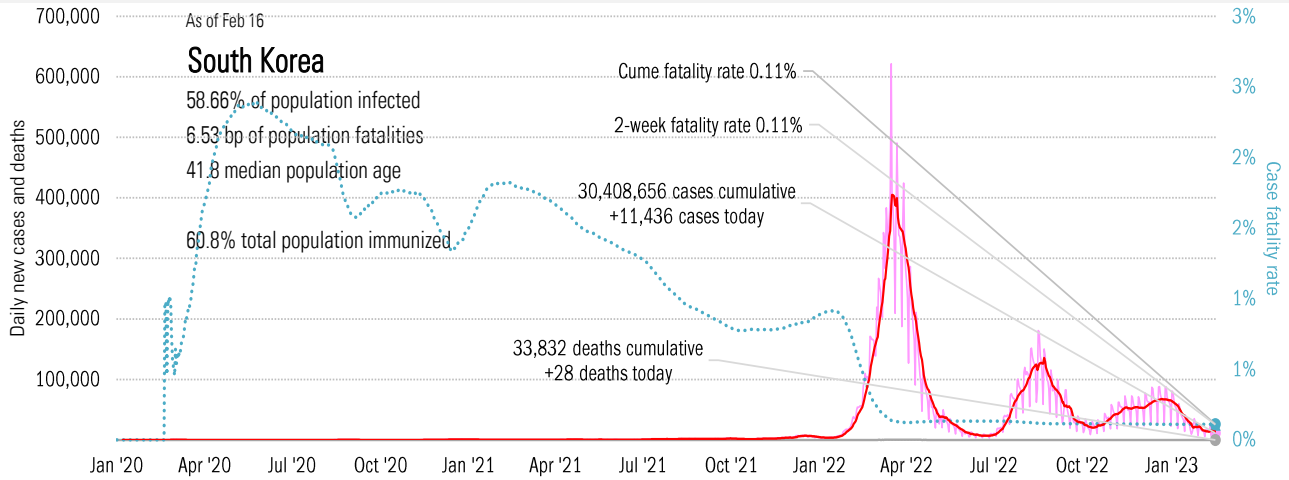
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

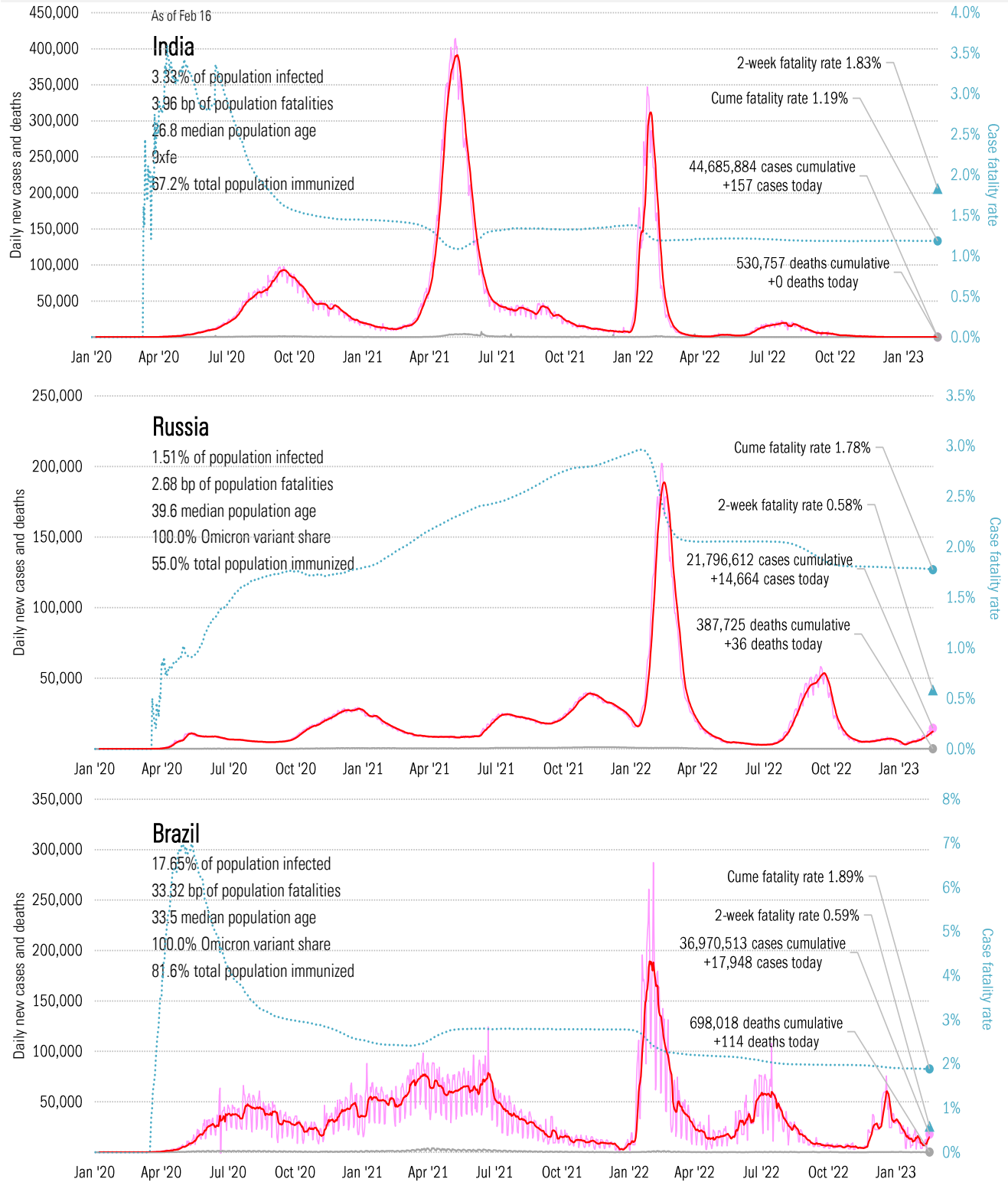
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

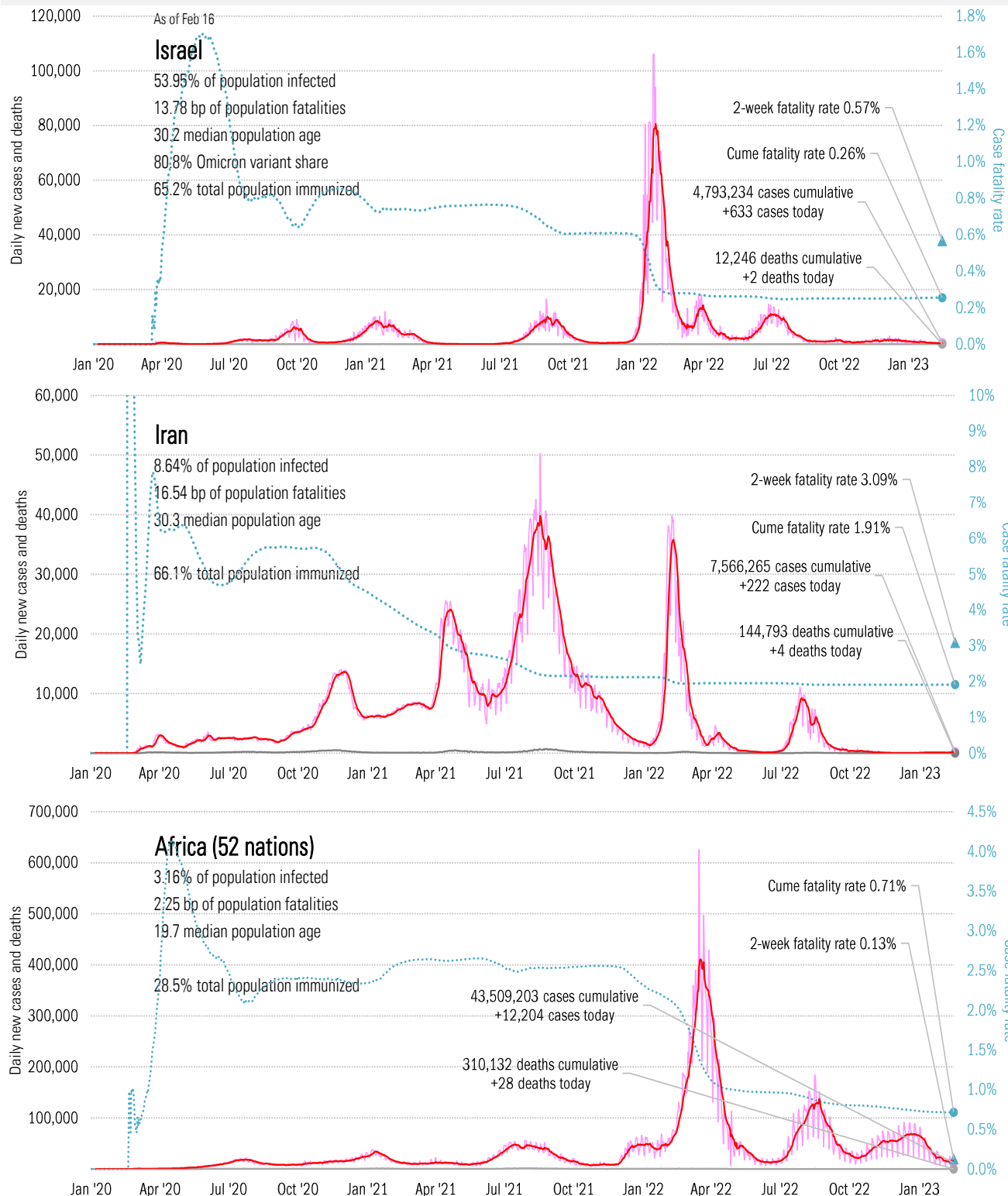
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

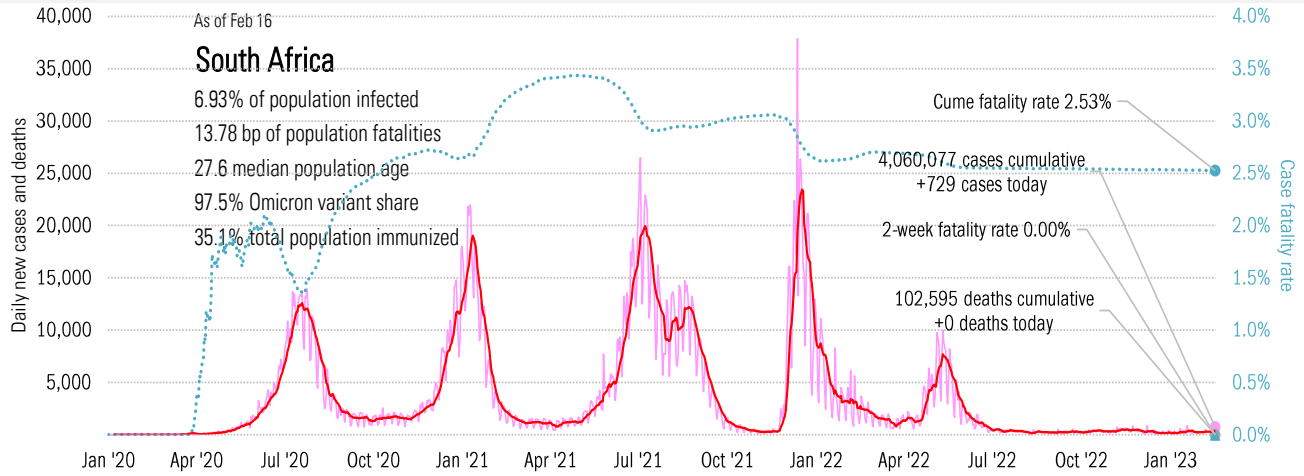
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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