

Data Insights: Covid-2019 Monitor

Saturday, January 14, 2023

The global scorecard

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

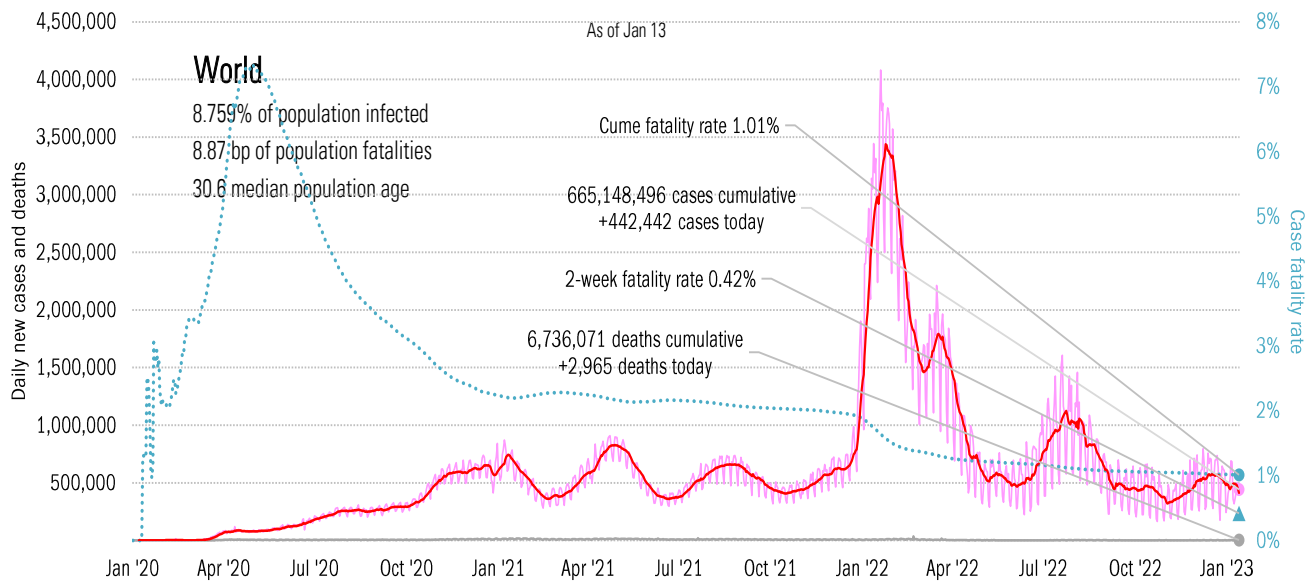
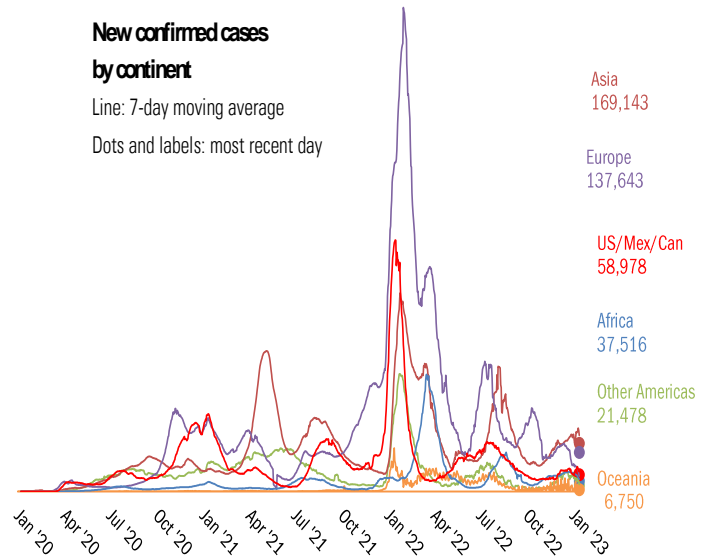
The worst ten countries

New cases		New Deaths	
Japan	144,077	United States	705
United States	71,262	Japan	480
Korea, South	36,552	Germany	150
Brazil	22,436	United Kingdom	130
Taiwan*	21,707	Norway	104
Italy	12,009	Mexico	103
Mexico	11,240	France	101
Germany	10,609	Italy	82
Australia	6,714	Brazil	81
France	6,238	Sweden	72
342,844		2,009	
World	442,442	World	2,965
Top ten	77%	Top ten	68%

New confirmed cases by continent

Line: 7-day moving average

Dots and labels: most recent day



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

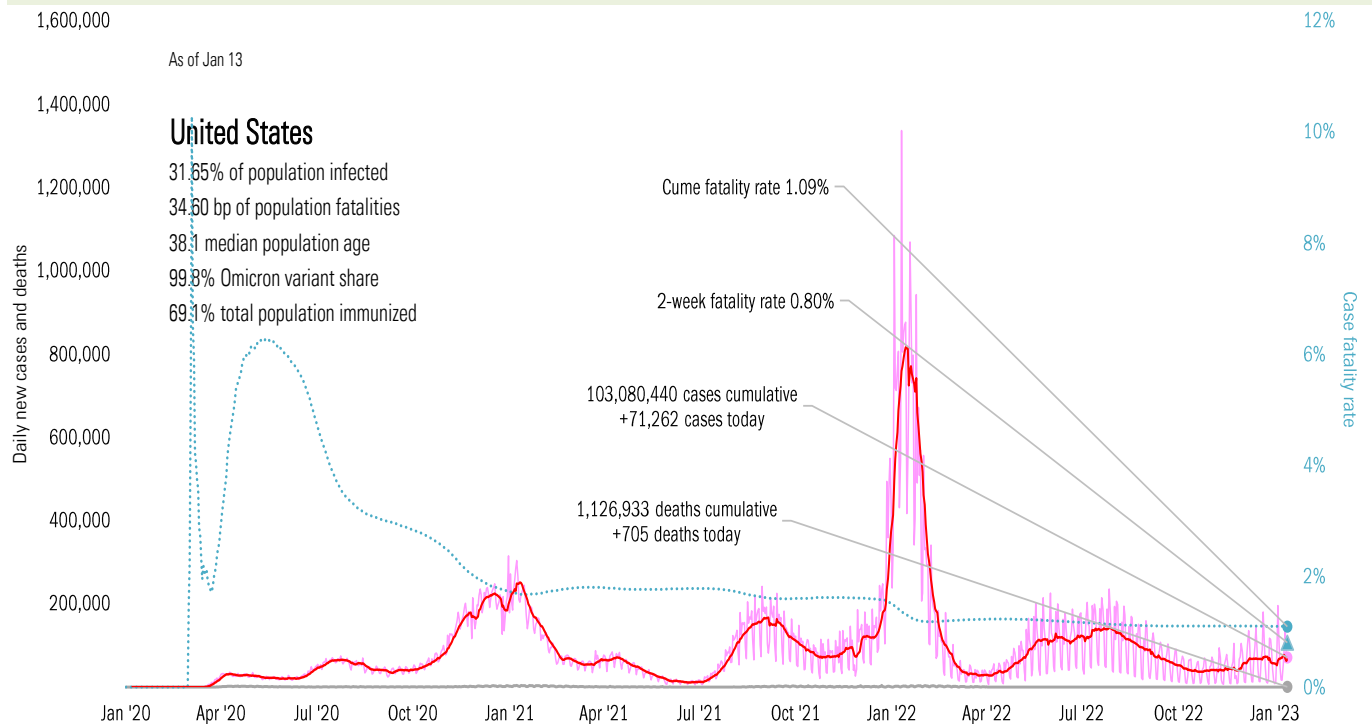
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	19,430		CA	175		AR	64		CA	11,929,677		CA	99,311		TX	575,445		RI	91%	TX	90%
FL	7,887		NY	52		CK	67		TX	8,302,540		TX	92,097		CA	550,203		MA	88%	DC	88%
NY	5,217		IL	45		IA	44		FL	7,393,712		FL	84,176		FL	519,632		WA	88%	NC	88%
NC	3,232		PA	33		MS	57		NY	6,646,512		NY	75,751		NY	341,765		NH	87%	NH	87%
NJ	3,169		NC	30		NM	17		IL	3,981,275		PA	49,263		CH	238,660		DE	86%	AL	87%
KY	3,042		AZ	27		MT	11		PA	3,447,091		GA	41,648		GA	236,988		MN	85%	NM	86%
VA	2,561		TX	27		H	14		NC	3,382,420		CH	41,139		PA	223,310		MO	85%	MA	85%
PA	1,973		MI	24		NH	31		CH	3,331,651		MI	41,001		IL	207,072		MD	85%	MS	85%
SC	1,881		MA	23		ID	17		GA	3,011,842		IL	40,747		MI	176,957		NC	85%	VT	85%
GA	1,836		FL	23		ND	5		MI	3,008,317		NJ	35,670		NJ	156,326		AK	85%	AK	84%
50,228			459			327			54,435,037			600,803			3,226,358						
All states	71,262			705			5,337		All states	103,080,440			1,126,933			5,852,674		All states	70%		67%
Top ten	70%			65%			6%		Top ten	54%			55%			55%		Median	81%		80%

Some states not reporting

Five most improved US states

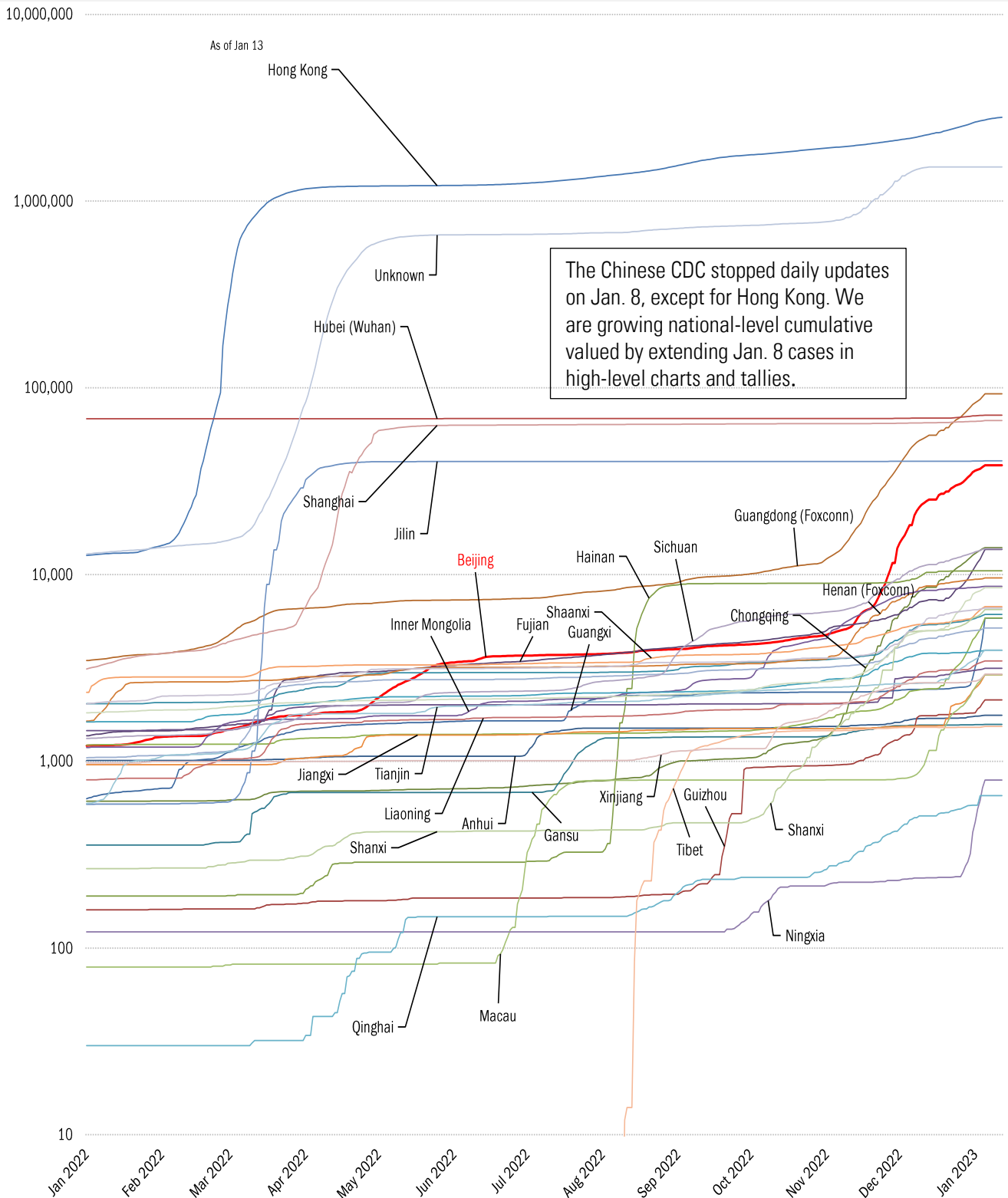
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-589	ME	-8	FL	-148
CO	-227	TX	-7	NJ	-144
AR	-129	NM	-4	NY	-117
MO	-72	UT	-2	CT	-59
WI	-45	RI	-1	CA	-34



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

China provincial coronavirus case accelerometer... tracking the "zero Covid" curves

Cumulative reported cases this year, log scale: flat line indicates "zero Covid"

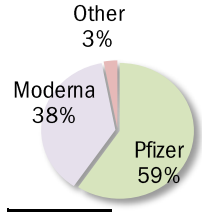


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	683,142,150		+0.210 million		US	69.1%	80.9%
			Of which boosters: +0.197 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	276,962,615	83%	236,176,717	71%	+0.016 million	Spain	85.5%
Age 12 to 17	18,423,808	73%	15,775,755	62%	+0.001 million	Germany	76.2%
Age 18 to 64	184,183,382	91%	156,609,051	77%	+0.009 million	Italy	81.3%
Age 65 and over	60,964,171	100%	53,416,192	97%	+0.001 million	Australia	82.7%
						Israel	65.2%
						Canada	82.6%
						Japan	83.2%
						Africa	27.6%
						India	67.1%
						Brazil	81.4%
						China	89.4%



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

AK
72.8%
65.0%

WI
75.0%
68.0%

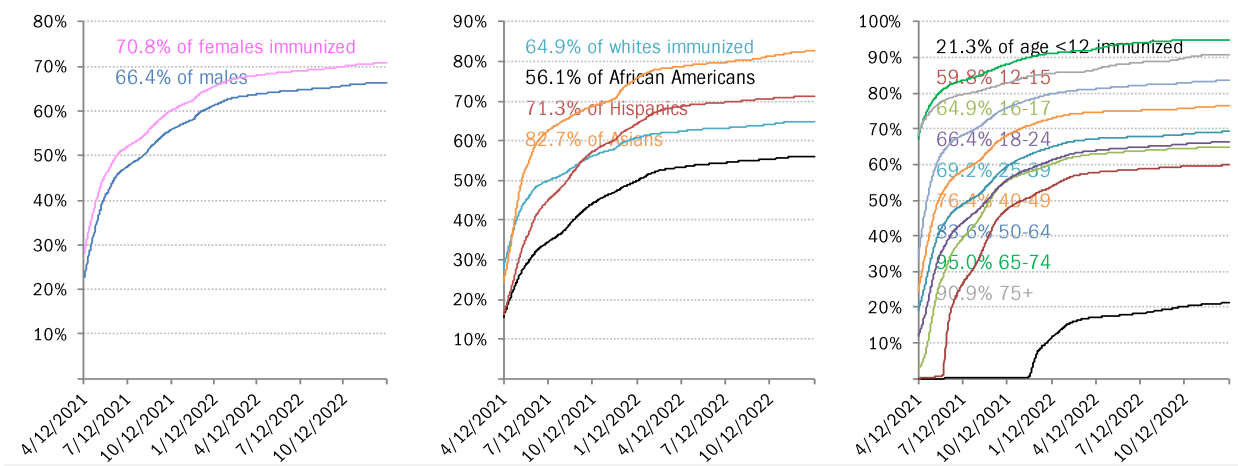
As of Jan 13

ME
95.0%
83.1%

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.0%	63.8%	68.1%	69.2%	78.6%	79.0%	69.3%	94.2%	95.0%	87.5%	
75.8%	56.3%	59.0%	58.5%	72.0%	71.1%	62.2%	80.6%	85.4%	71.5%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.4%	77.4%	60.8%	83.5%	70.5%	64.2%	65.6%	90.3%	94.4%	95.0%	
72.2%	63.6%	53.0%	66.0%	64.2%	57.6%	60.3%	73.1%	78.9%	84.0%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.4%	75.0%	83.4%	73.2%	69.2%	68.7%	67.4%	90.7%	91.5%	95.0%	95.0%
74.5%	66.5%	73.3%	66.1%	58.9%	59.5%	59.6%	76.4%	79.5%	82.9%	87.5%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	77.2%	94.1%	76.0%	69.7%	64.3%	91.8%	70.8%	95.0%	88.0%	
	65.9%	75.0%	65.1%	56.8%	56.2%	66.9%	59.8%	89.9%	73.1%	
			OK	LA	MS	AL	GA			
			74.4%	62.7%	61.5%	64.9%	68.2%			
			60.3%	54.9%	53.6%	53.1%	57.1%			
			TX					FL		PR
			76.2%					82.3%		90.8%
			63.1%					69.3%		83.9%

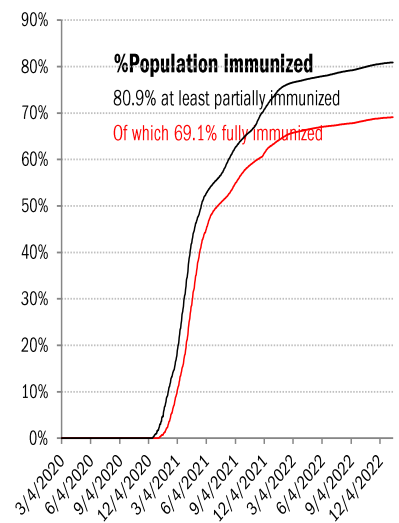
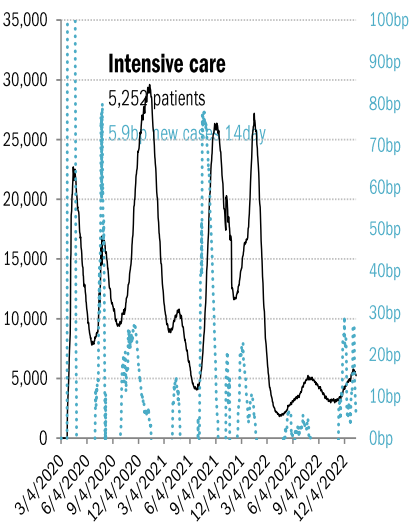
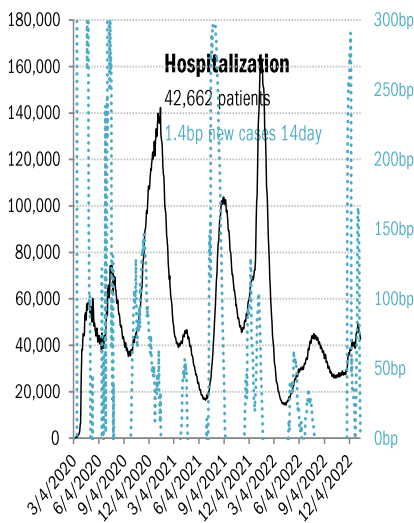
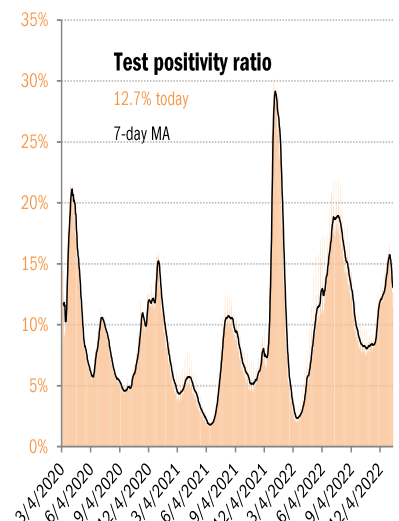
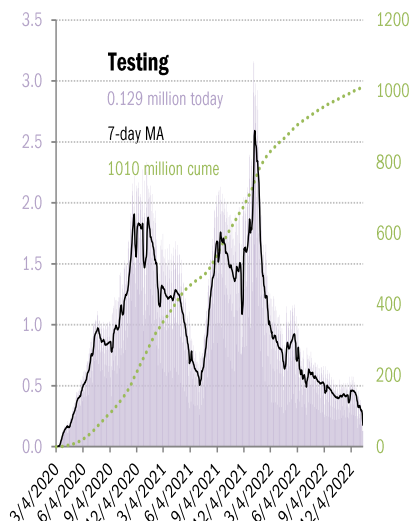
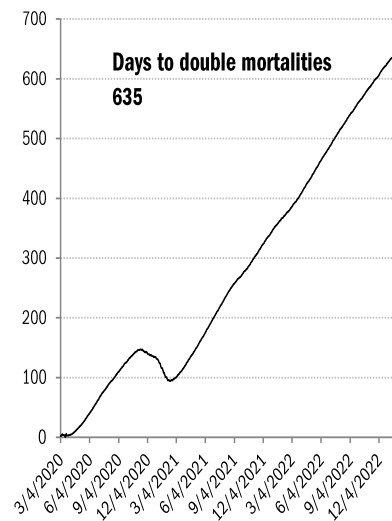
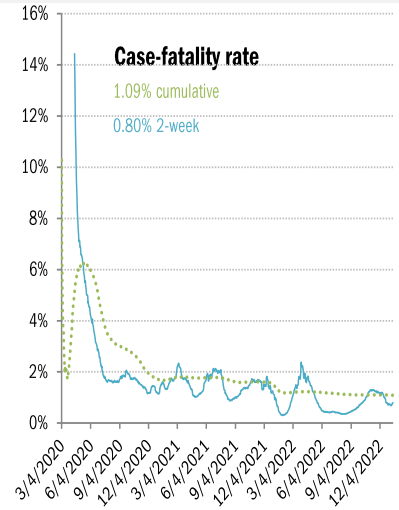
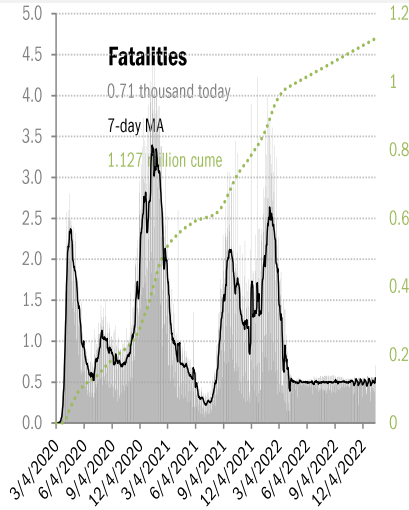
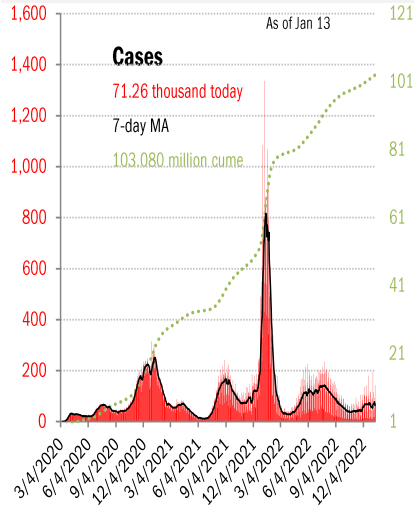
HI
91.2%
81.4%

The demographics of US vaccination

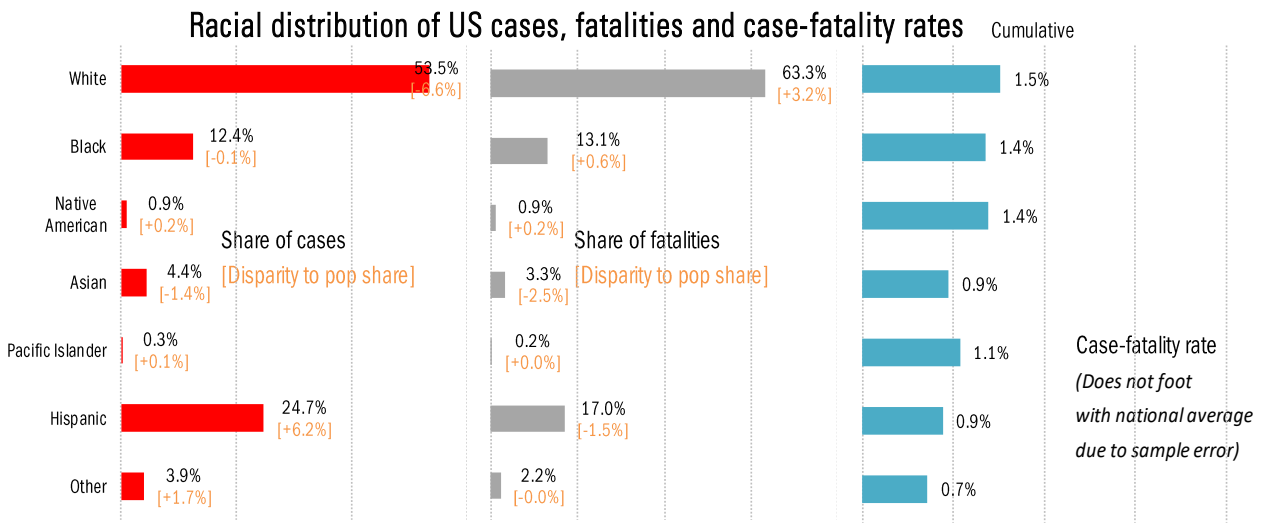
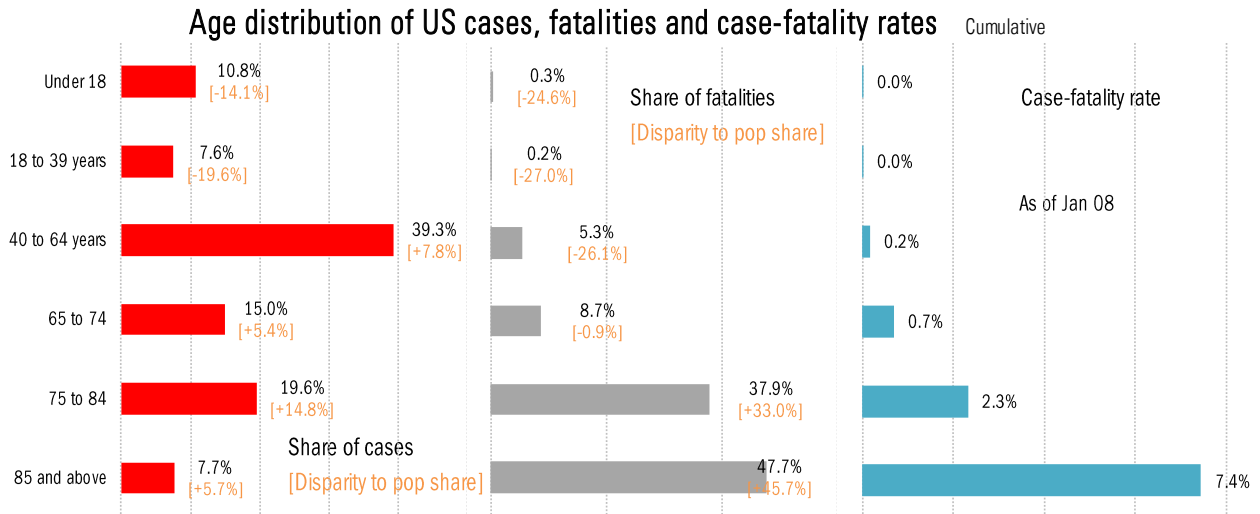


Source: CDC, CDC, Our World in Data, TrendMacro calculations

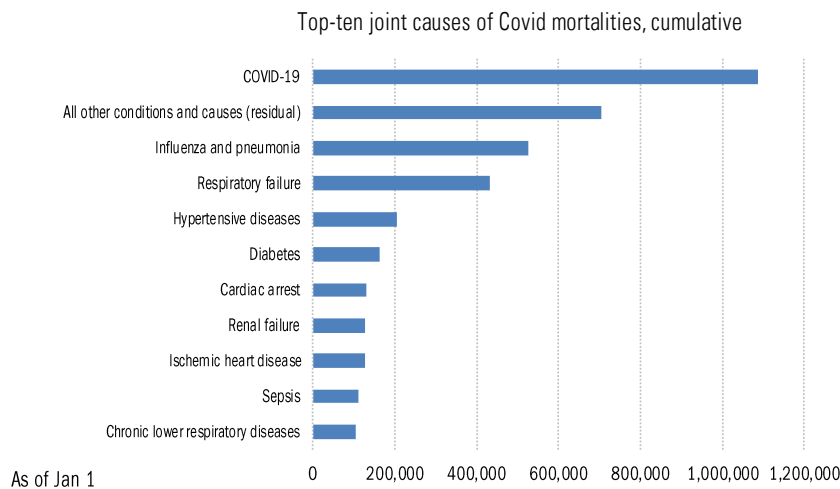
US deep-dive



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

[The US Keeps Offering China Its Covid Vaccines. China Keeps Saying No](#)

Peter Martin and Jenny Leonard
Bloomberg
January 13, 2023

[Pfizer Bivalent Vaccine Linked to Strokes in Preliminary Data](#)

Robert Langreth and Fiona Rutherford
Bloomberg
January 13, 2023

[CDC identifies possible safety issue with Pfizer's updated Covid-19 vaccine but says people should still get boosted](#)

Brenda Goodman
CNN
January 13, 2023

[More evidence that American data may badly overstate the protection mRNA shots offer against hospitalization from Covid](#)

Alex Berenson
Unreported Truths
January 13, 2023

Meme of the Day

Experts Say They Don't Know What Thing Is Causing Everyone To Suddenly Collapse, But It's Definitely Not That One Thing

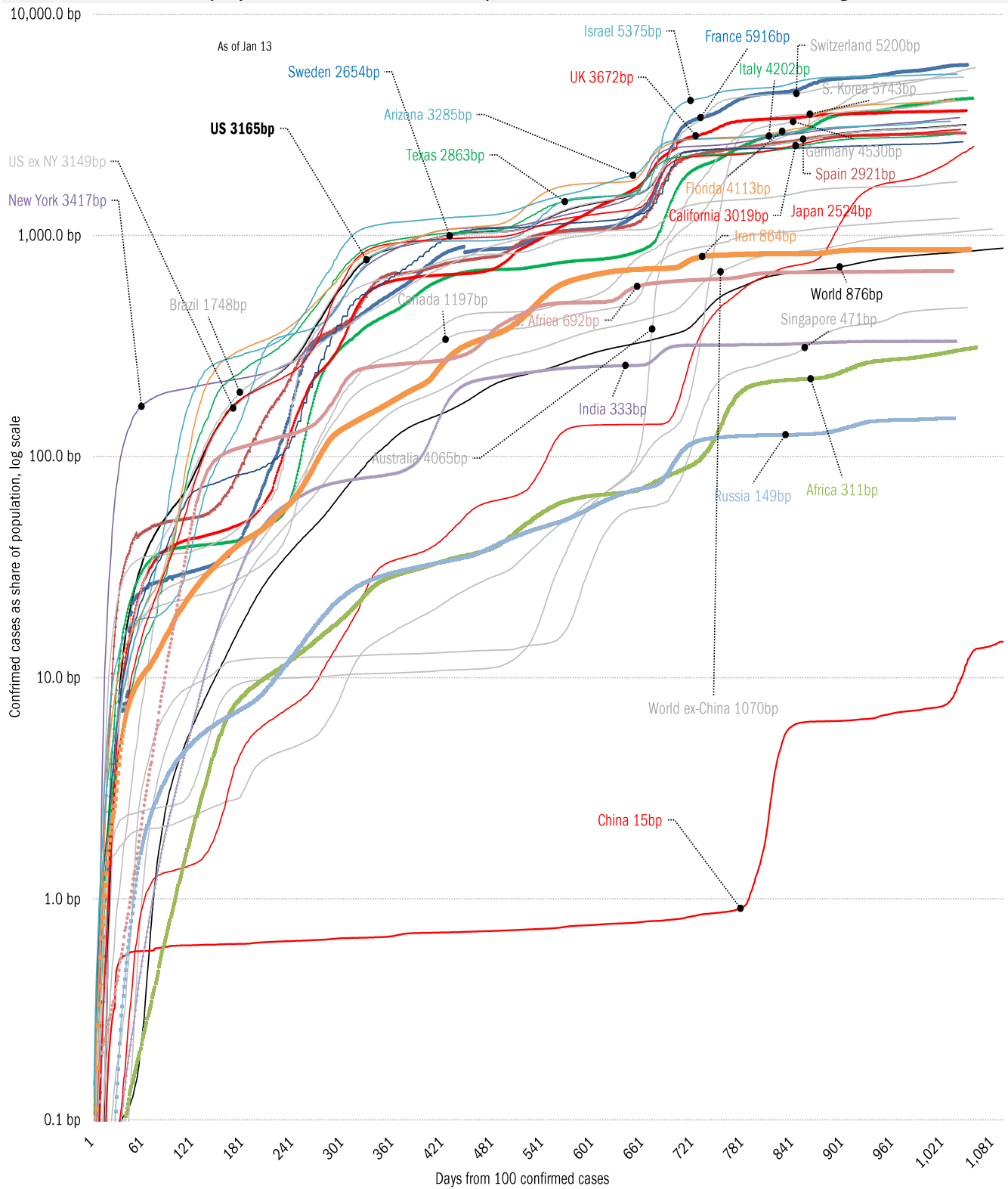
HEALTH · Jan 9, 2023 · BabylonBee.com



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

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

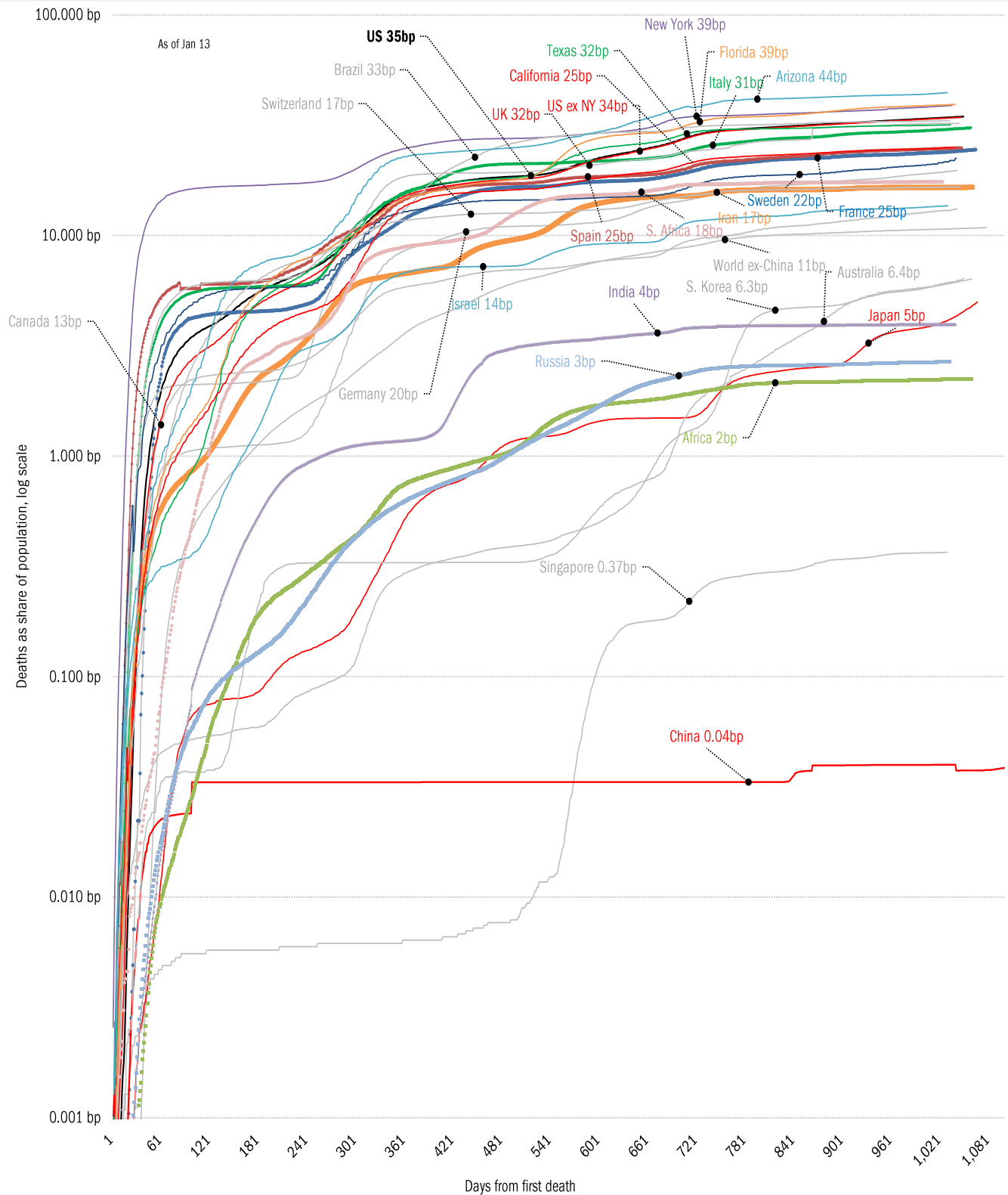
Share of infected population from first day with 100 confirmed cases, log scale



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

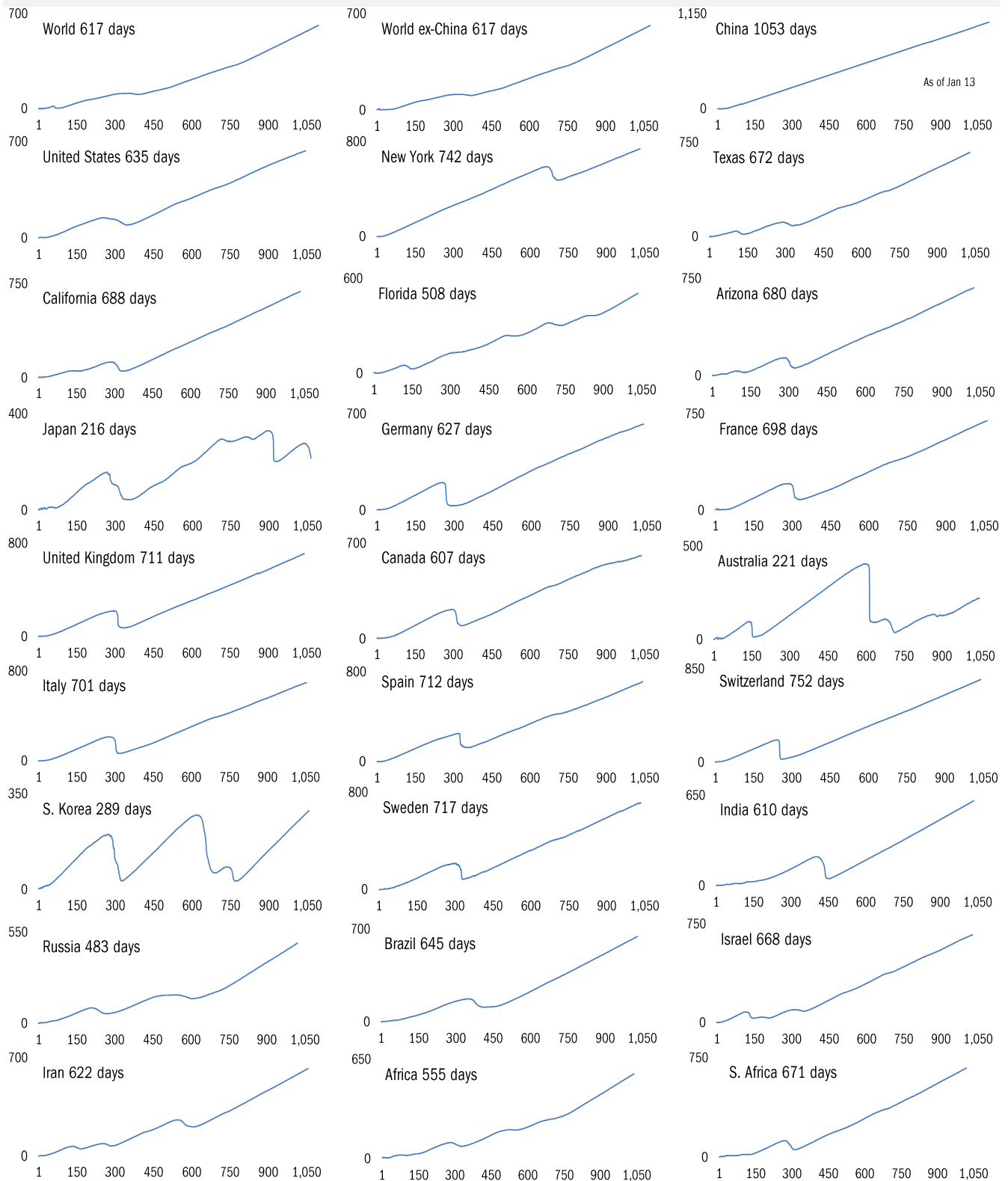


Source: [Johns Hopkins](#), TrendMacro calculations

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

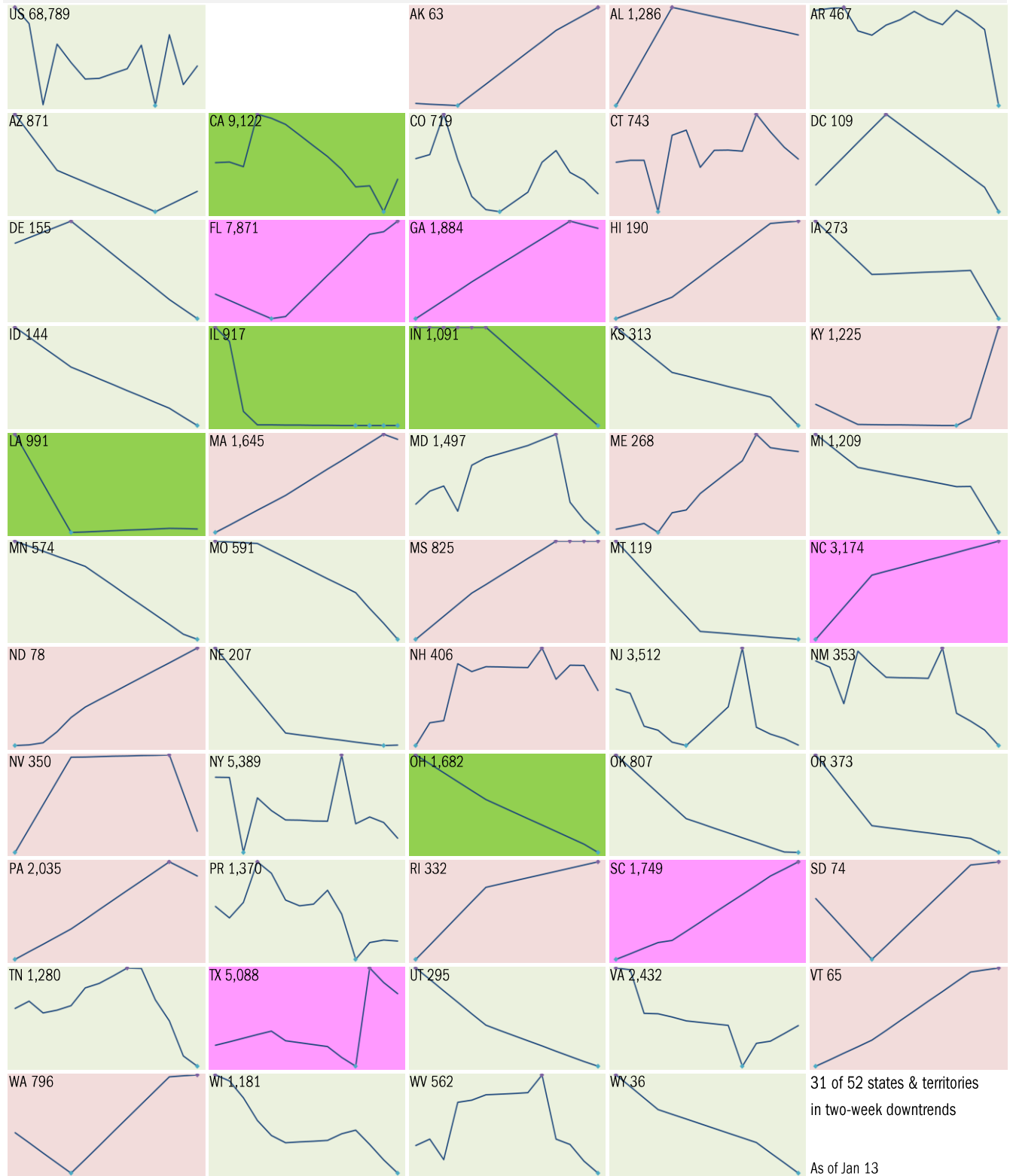


Source: [Johns Hopkins](#), TrendMacro calculations

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

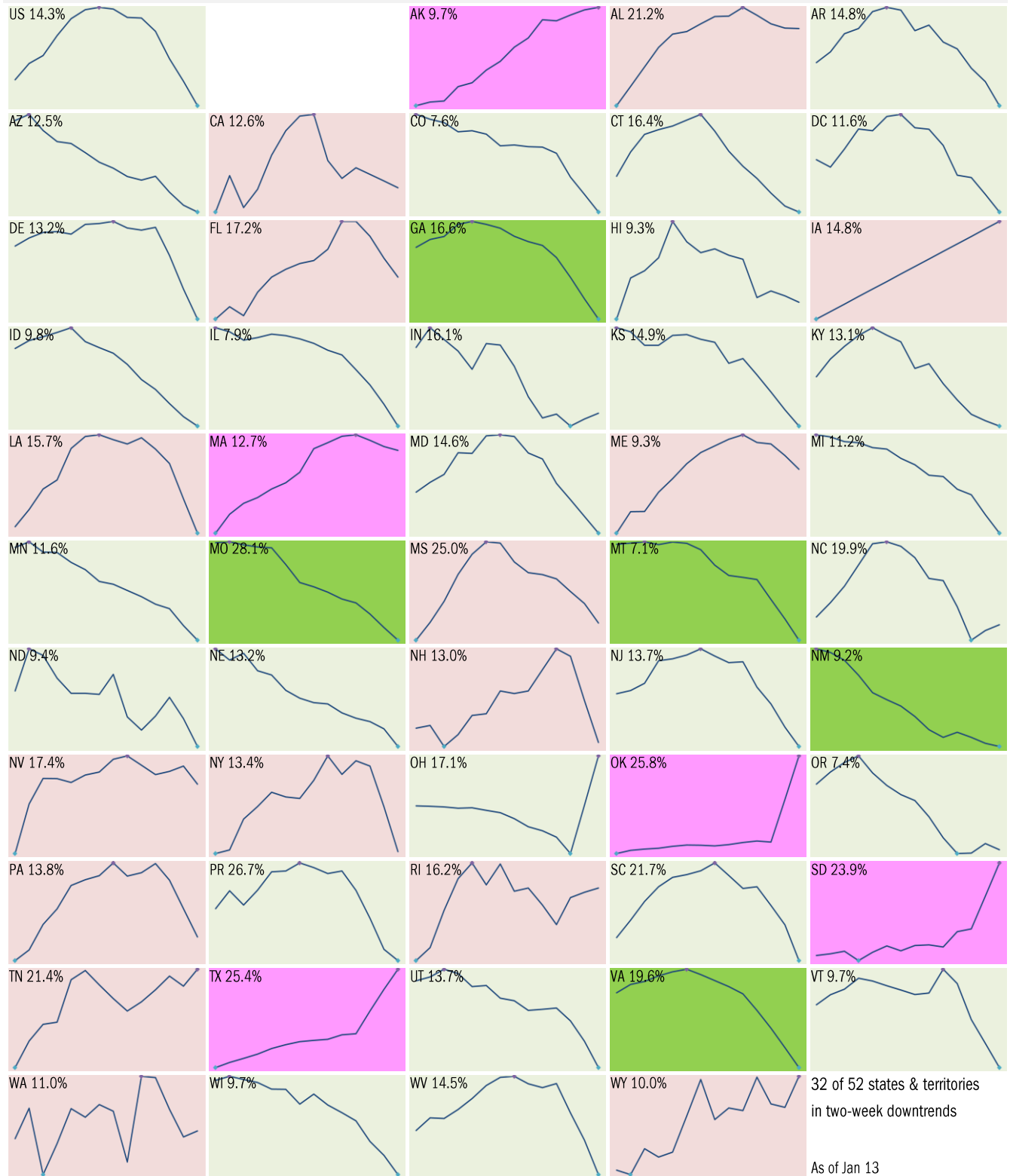


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

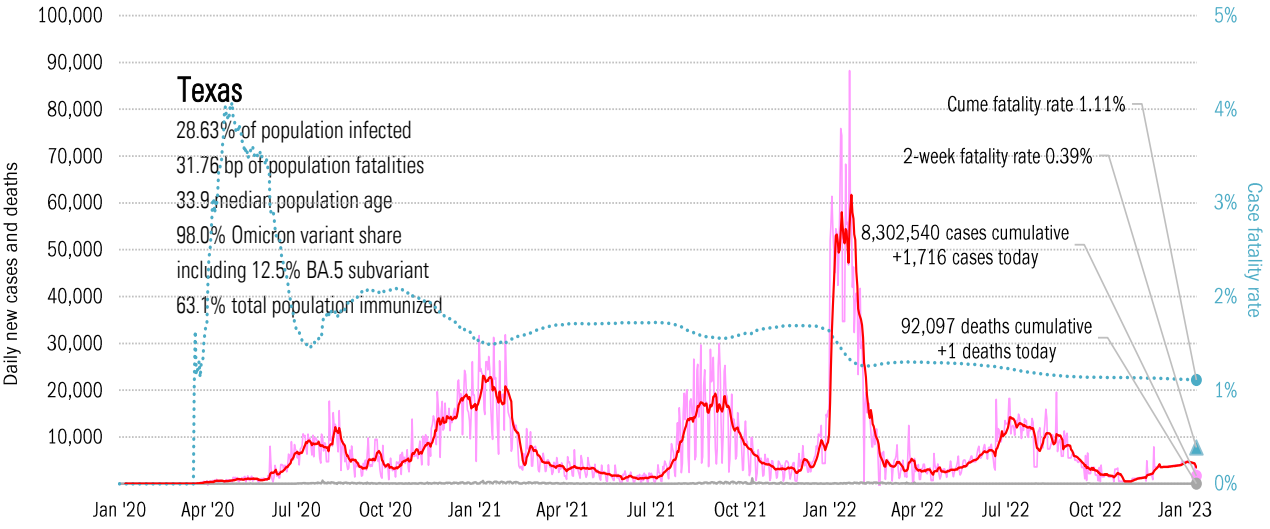
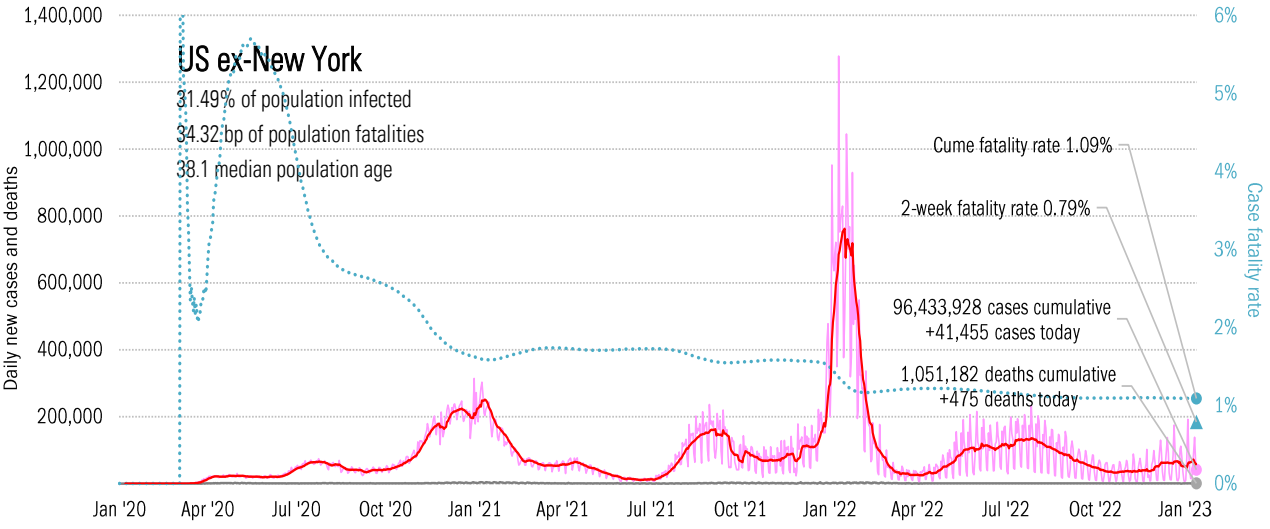
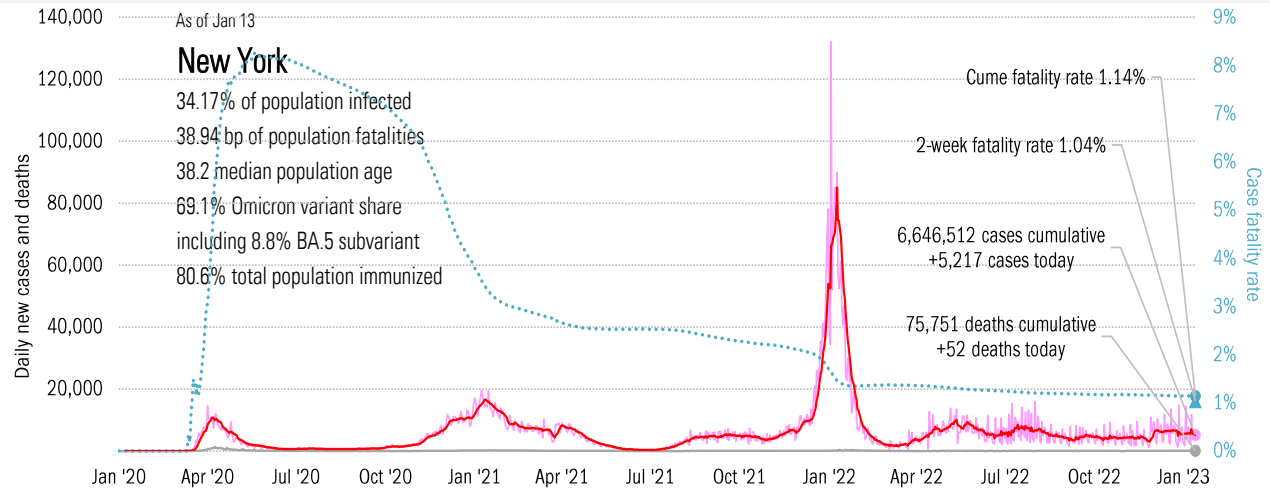
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande

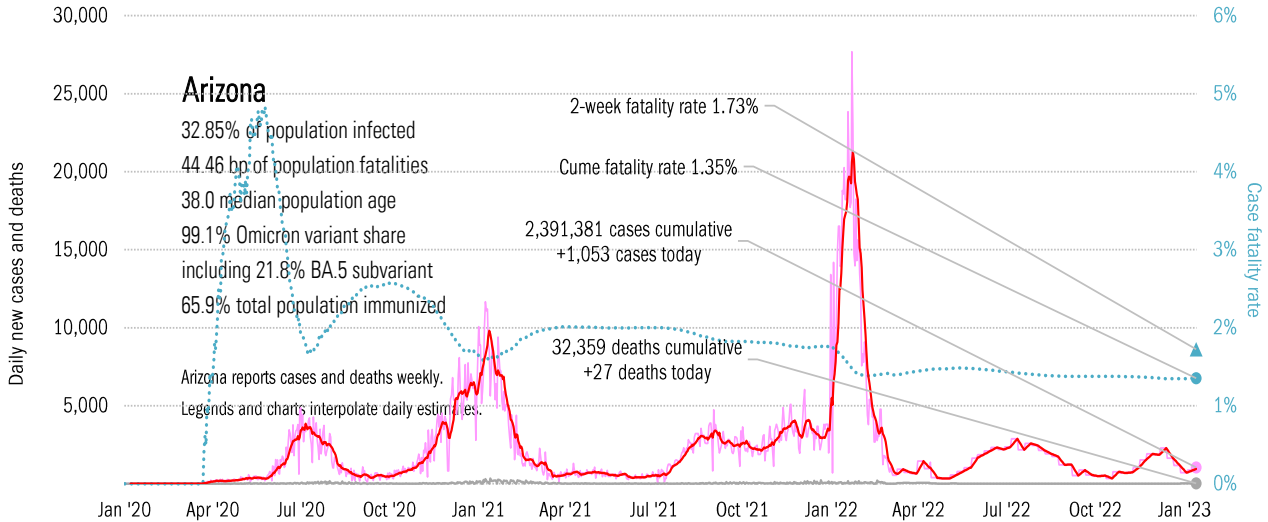
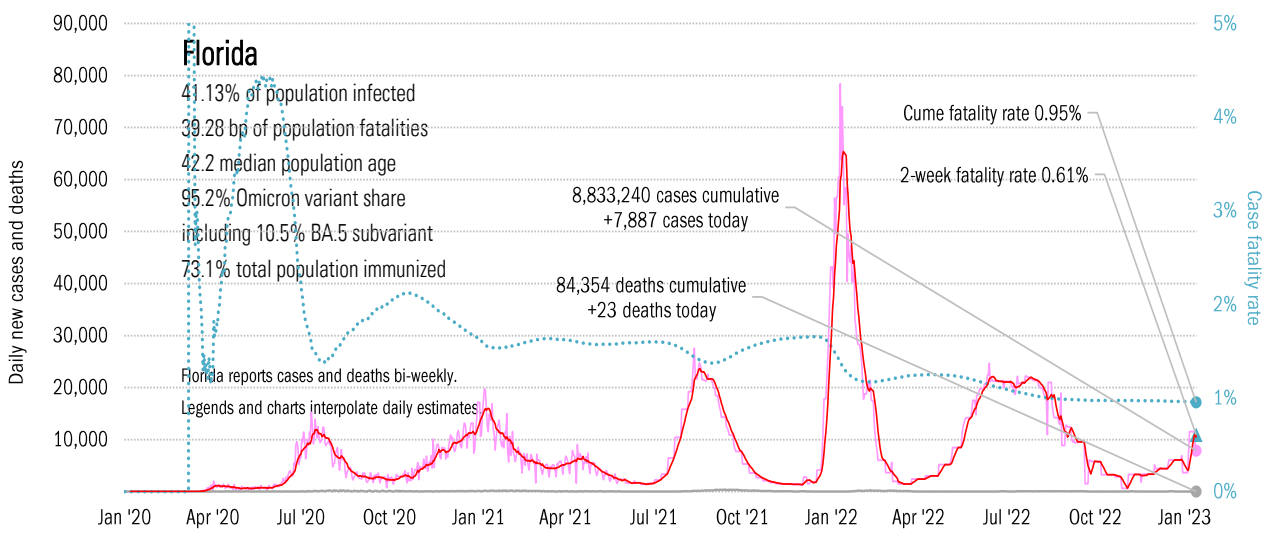
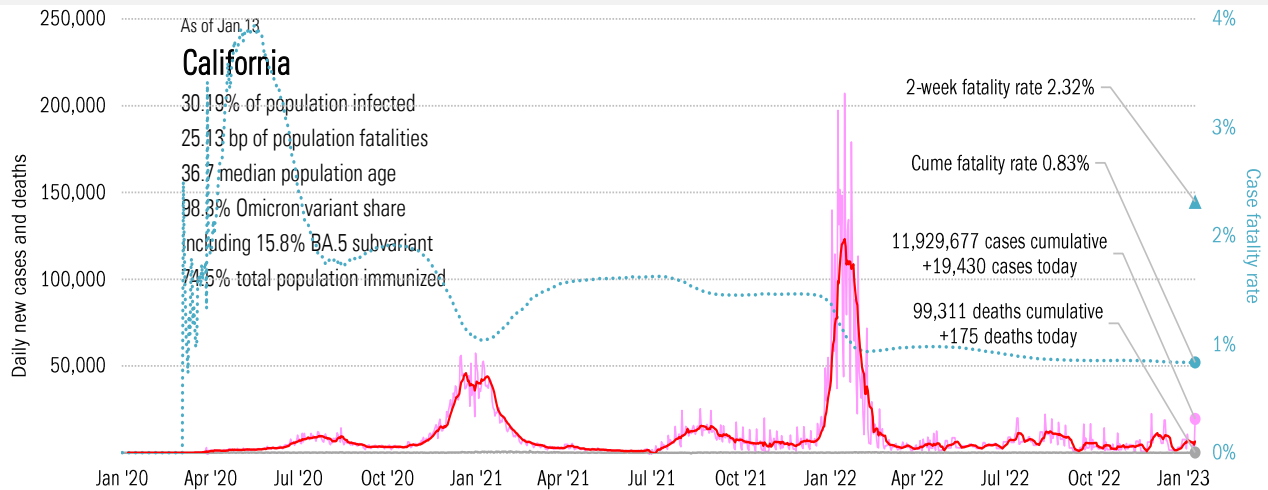
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

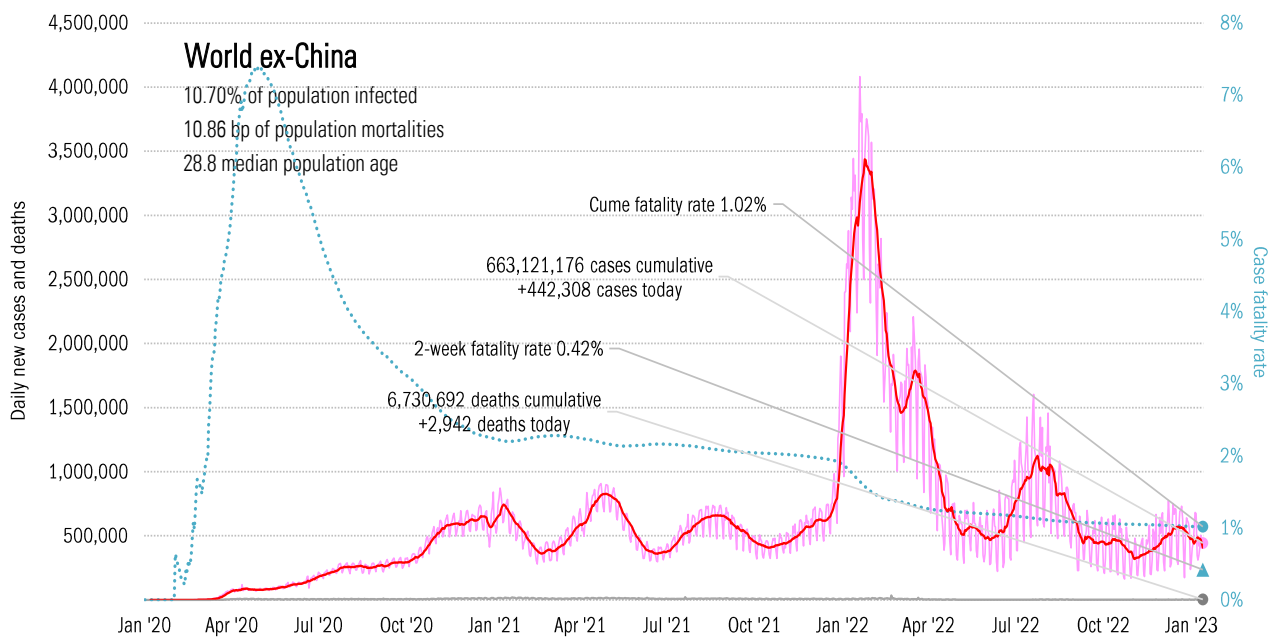
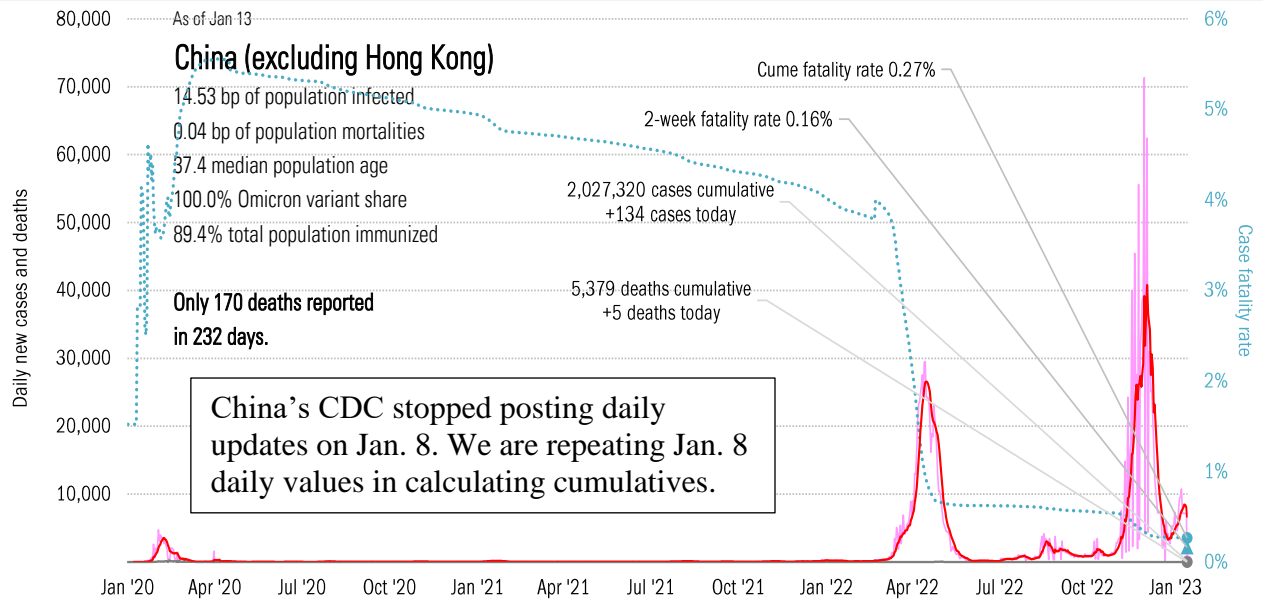
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

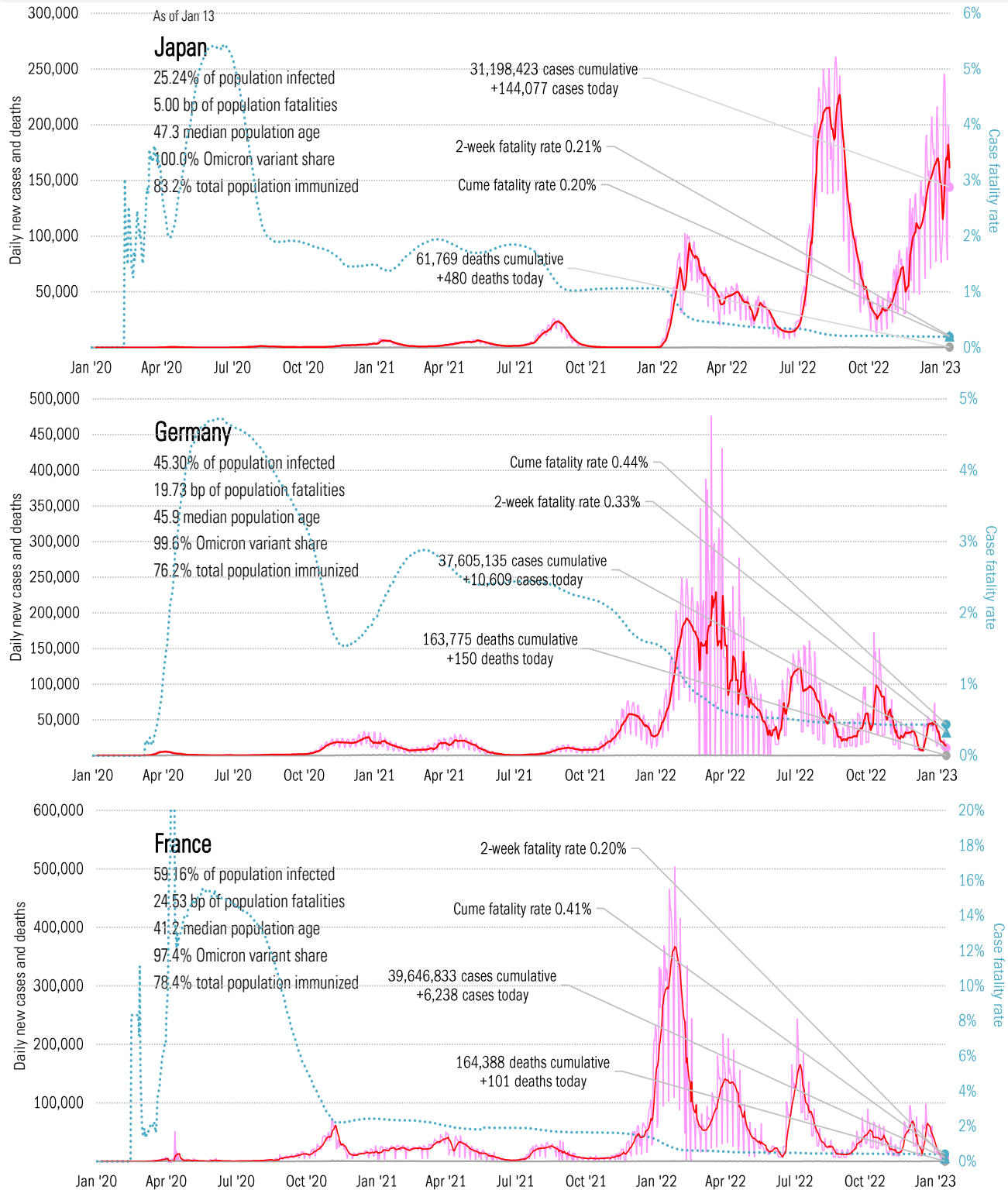
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

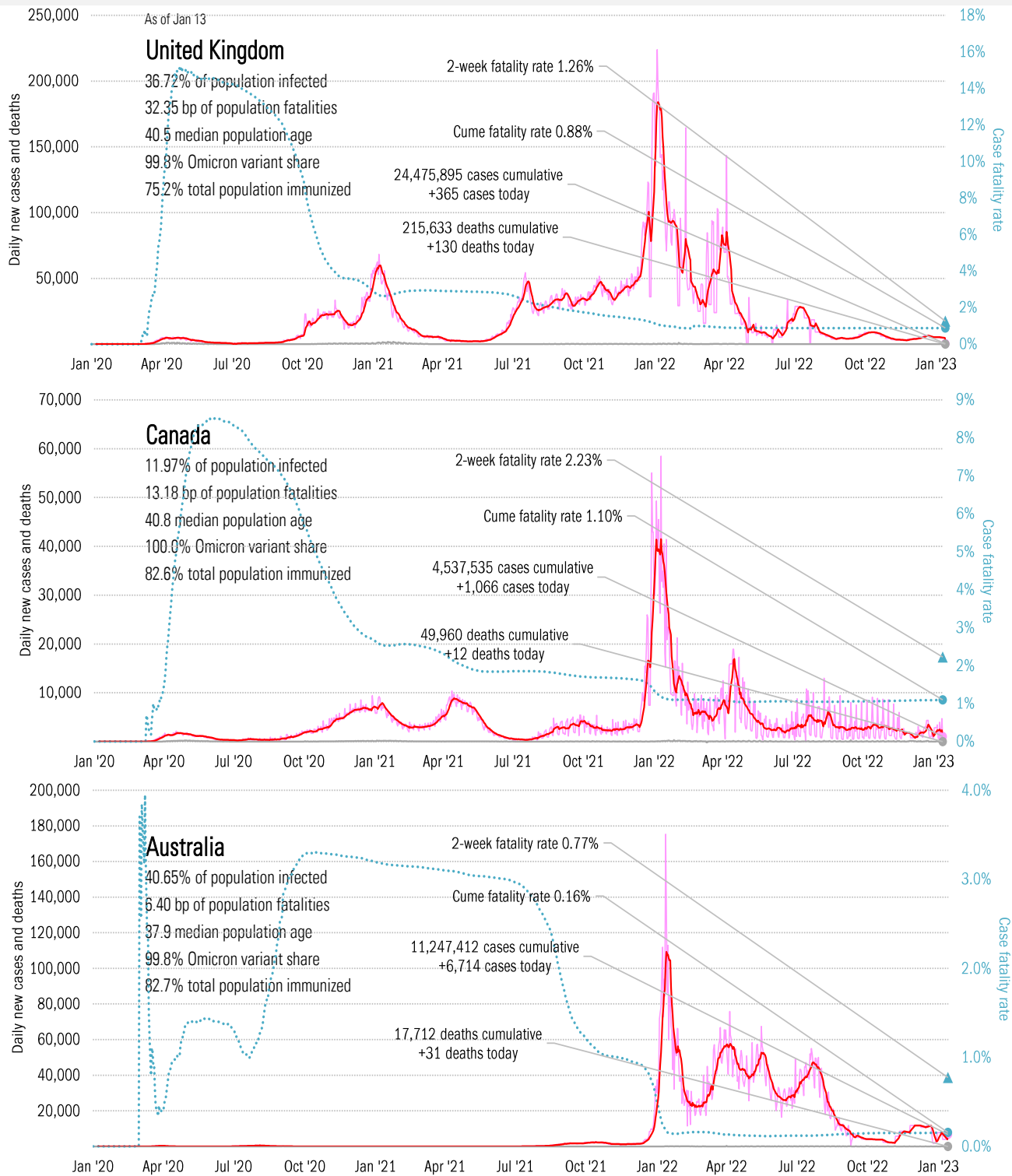
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

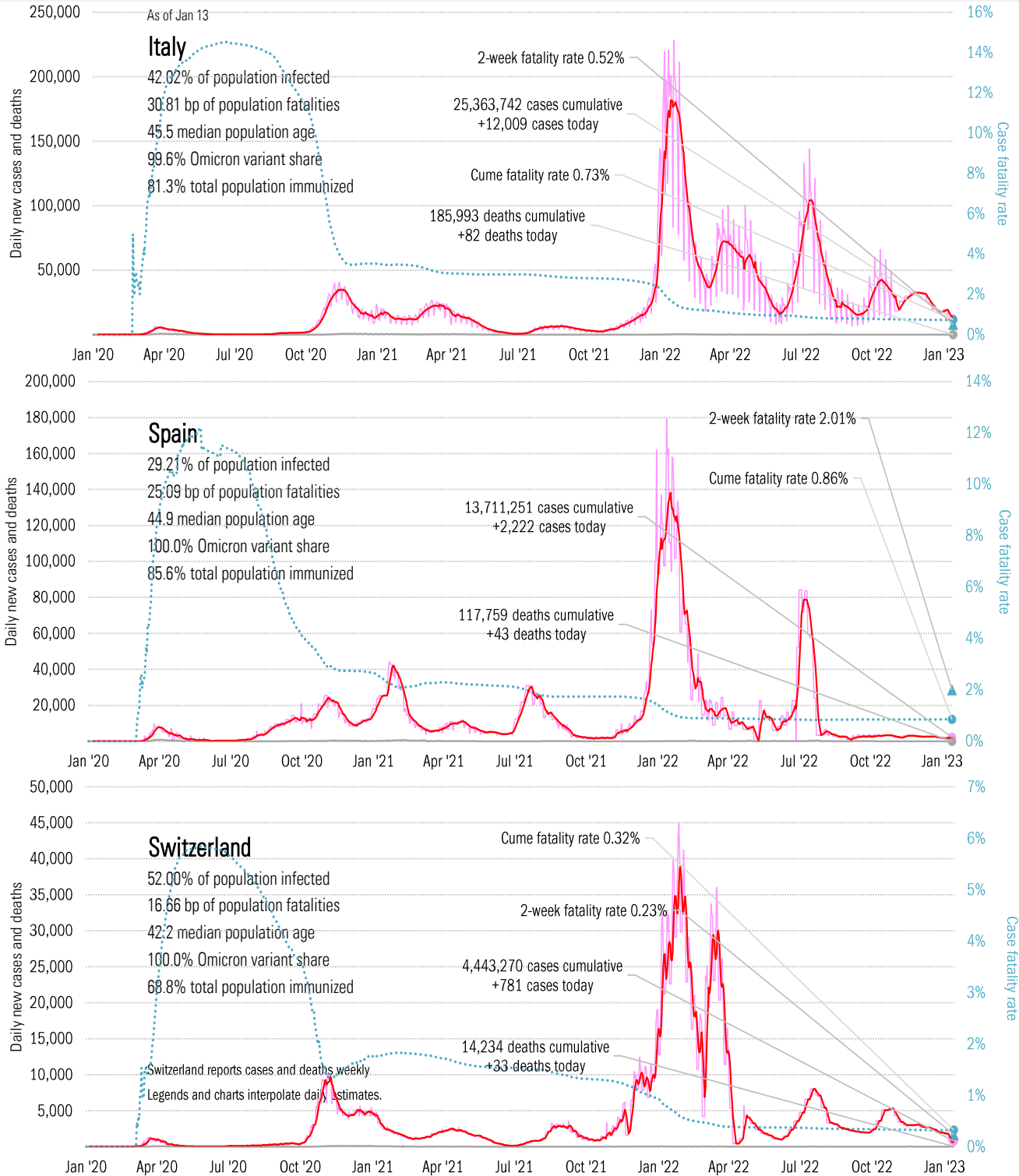
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

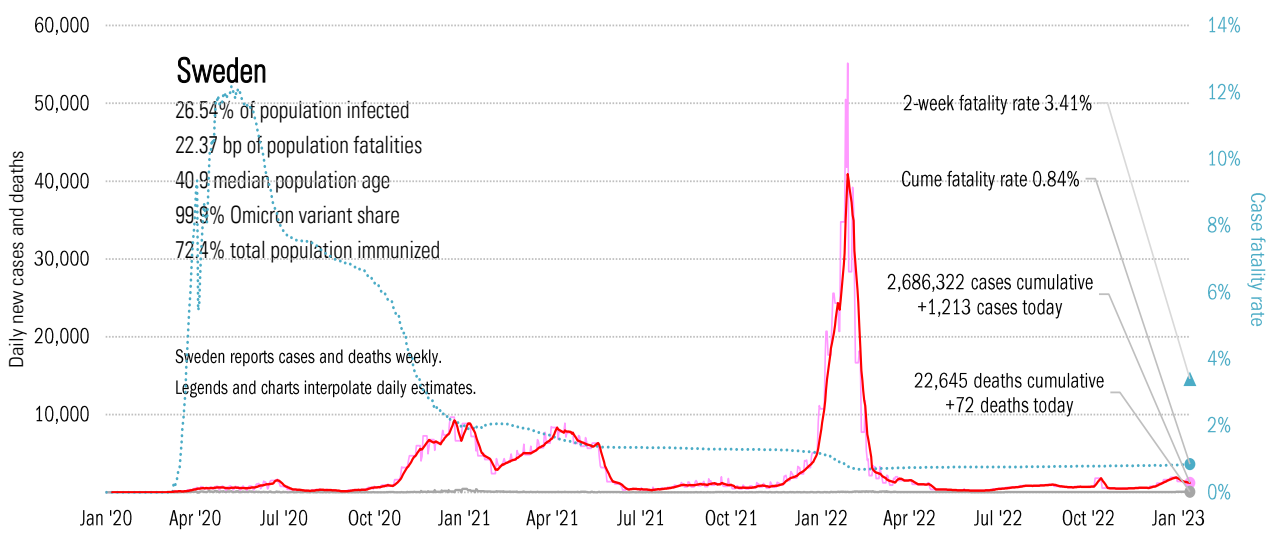
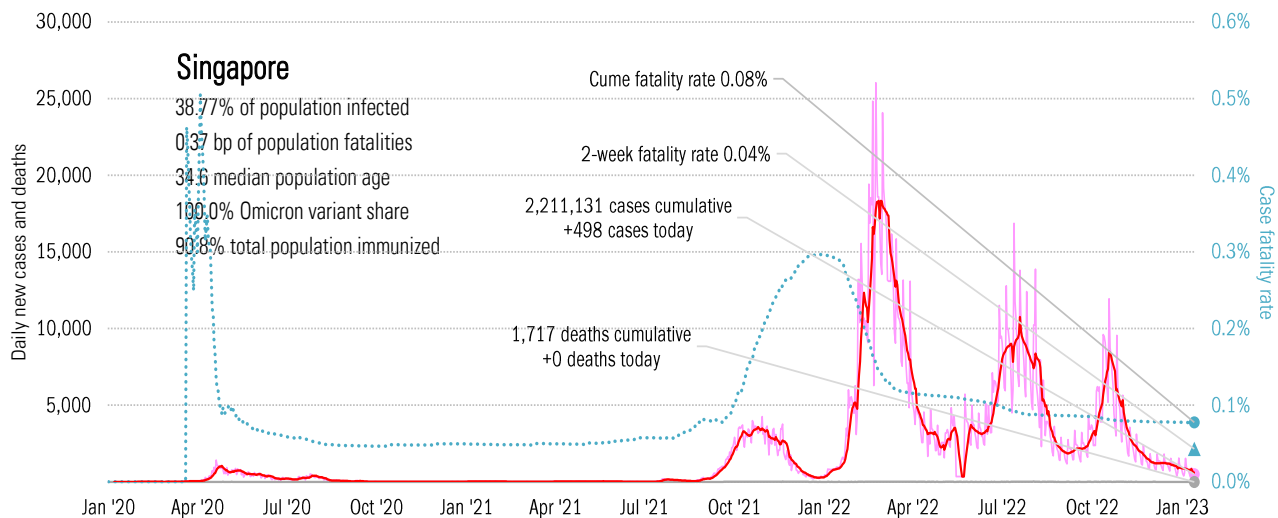
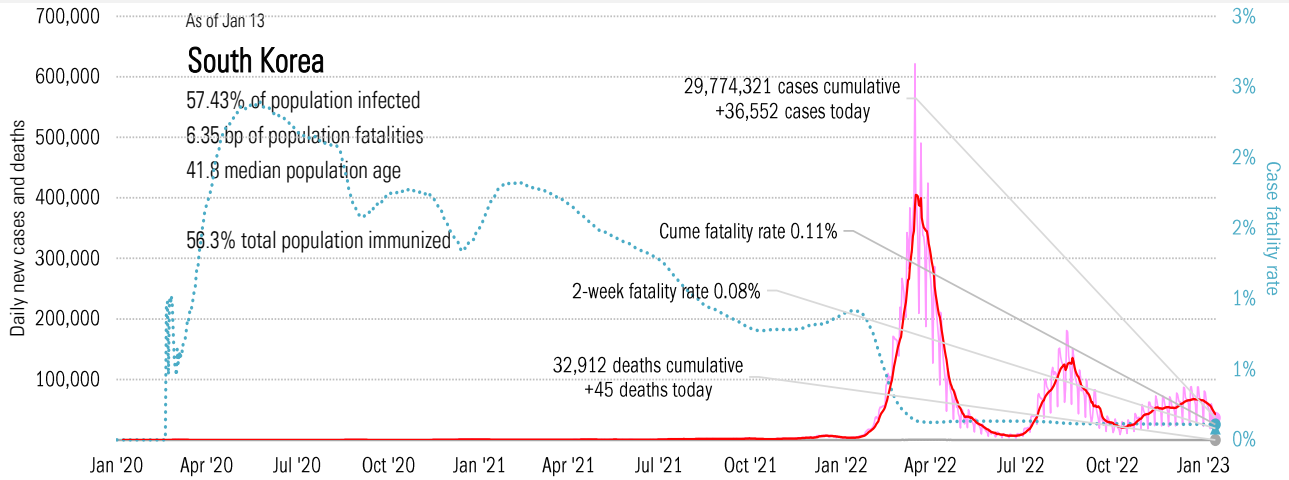
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

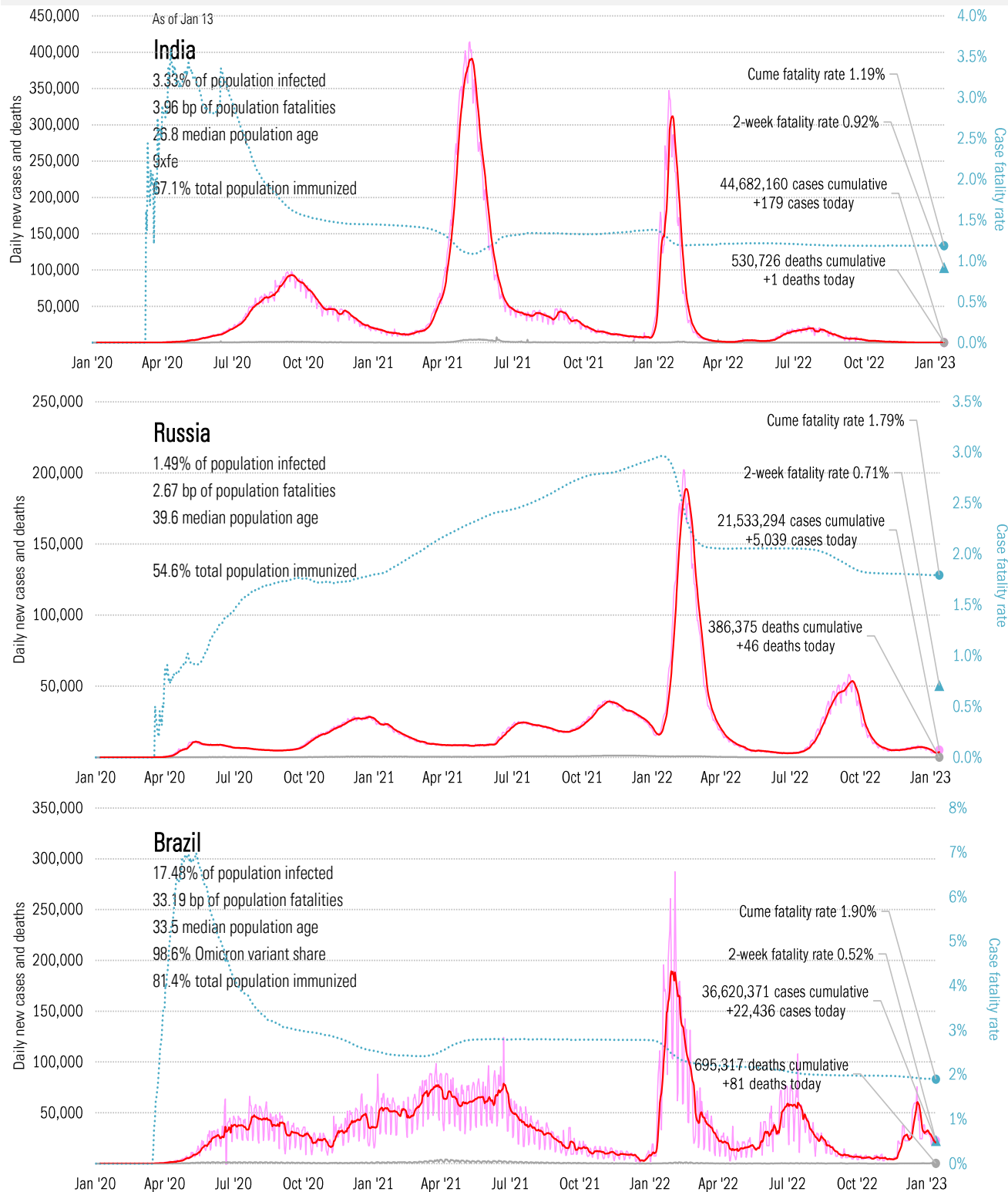
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

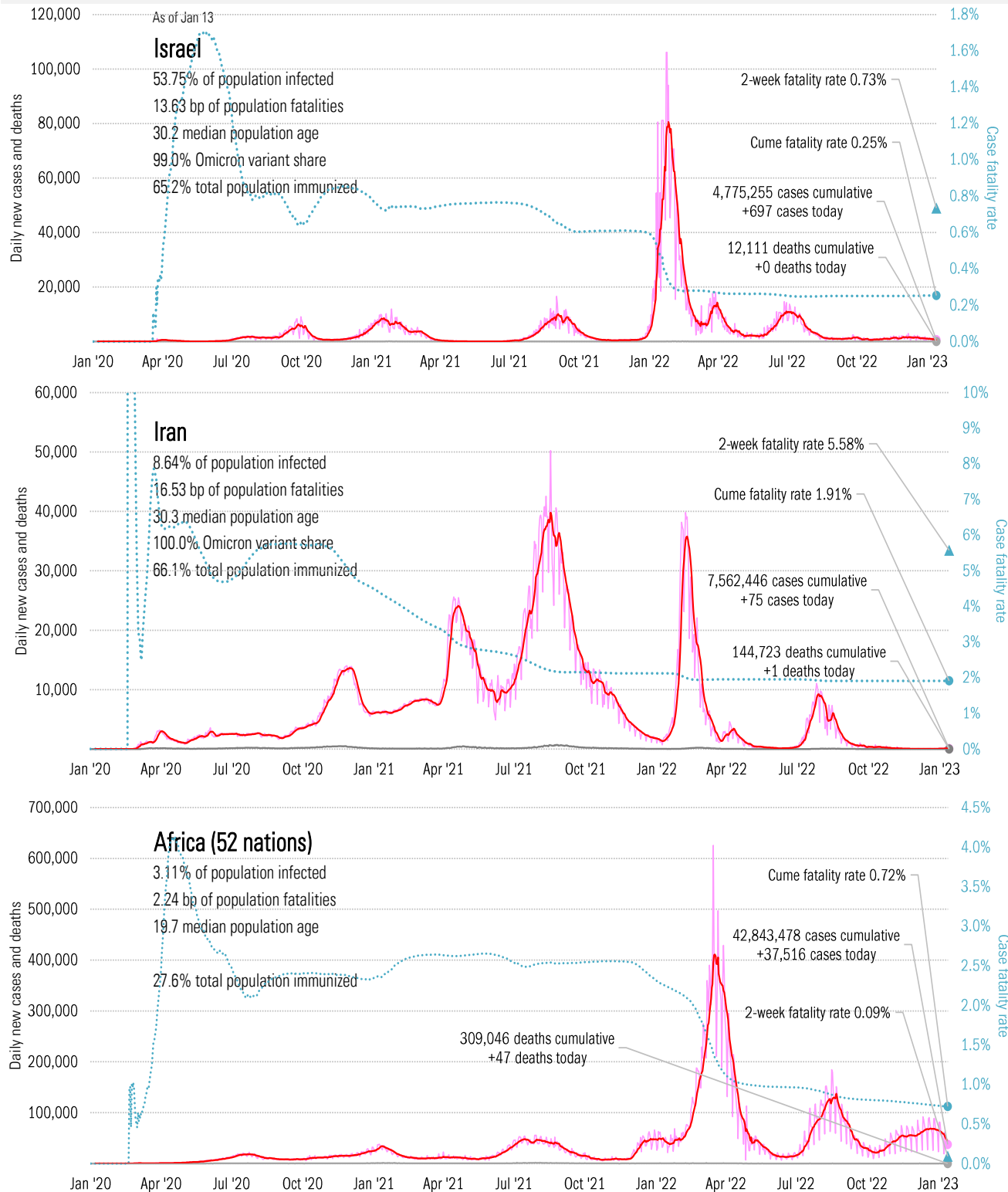
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

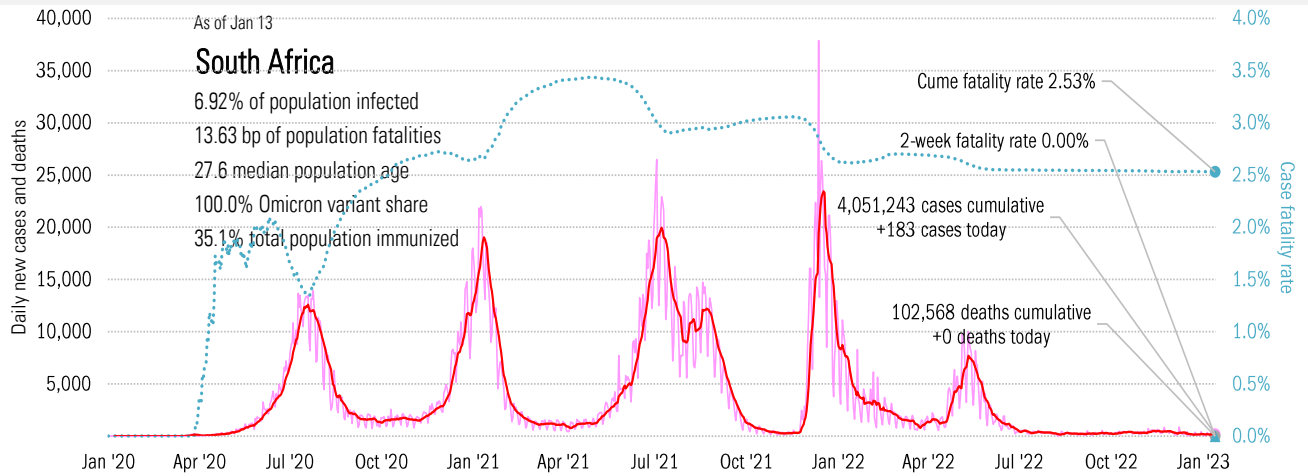
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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