

Data Insights: Covid-2019 Monitor

Sunday, January 29, 2023

The global scorecard

Cases: 7-day average and daily Deaths: Daily

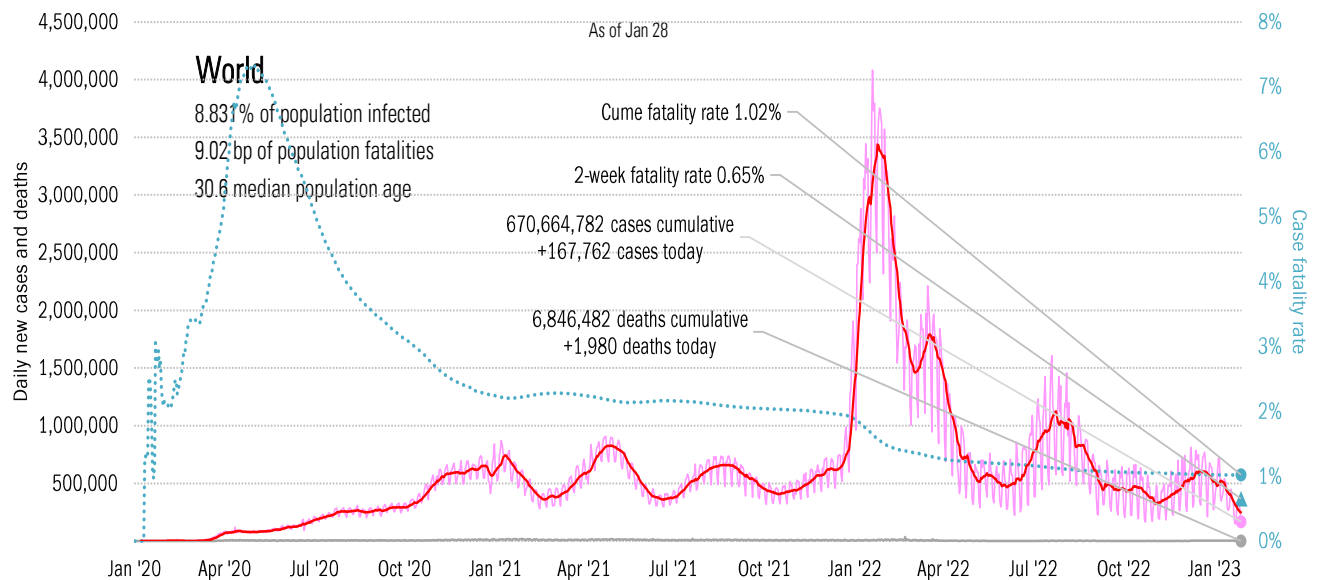
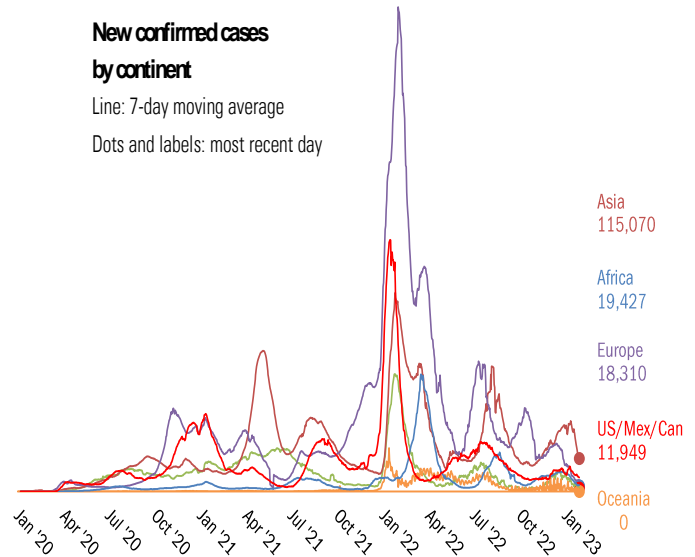
The worst ten countries (see China note page 14)

New cases		New Deaths	
Japan	54,782	China	909
United States	42,545	United States	437
China	30,851	Japan	338
Taiwan*	27,438	United Kingdom	144
Brazil	22,590	Brazil	139
Korea, South	18,871	Germany	127
Germany	11,317	Italy	49
Spain	8,801	France	44
Russia	7,171	Ukraine	44
Italy	5,451	Russia	40

New confirmed cases
by continent

Line: 7-day moving average

Dots and labels: most recent day



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

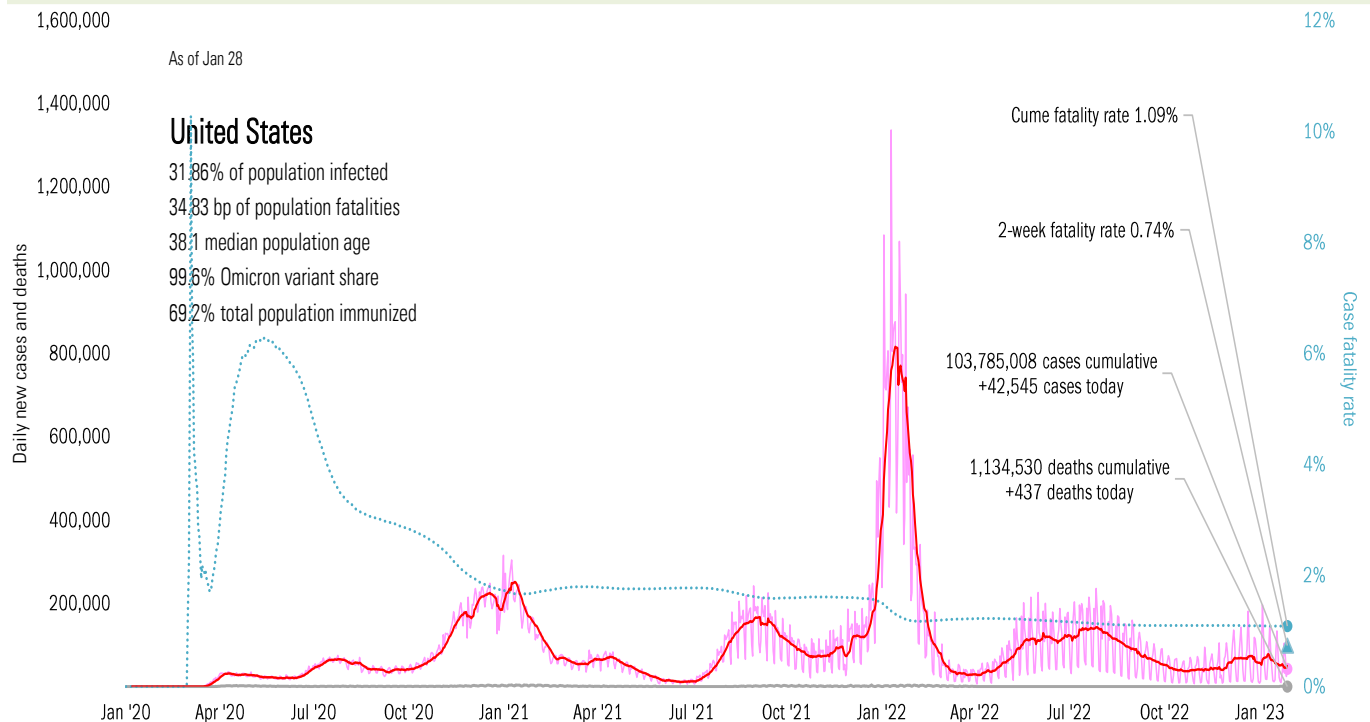
The ten worst US states

New cases			New deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use	
FL	7,177		FL	46		CA	402		CA	11,983,168		CA	100,027		TX	580,955		RI	89%	NH	87%
CA	4,383		MI	37		MN	61		TX	8,353,147		TX	92,561		CA	556,572		MA	87%	TX	87%
NJ	2,305		PA	34		IL	148		FL	7,443,954		FL	84,927		FL	525,643		DE	86%	RI	87%
NC	2,054		CO	29		WA	60		NY	6,701,257		NY	76,255		NY	347,233		MD	86%	DC	85%
NY	1,670		MA	27		NM	23		IL	4,019,768		PA	49,633		CH	240,632		NH	84%	AK	85%
IL	1,561		SC	24		KY	54		PA	3,469,076		GA	41,915		GA	239,110		MN	84%	NC	84%
VA	1,516		AZ	21		AK	10		NC	3,412,542		MI	41,445		PA	226,107		WA	84%	MA	83%
PA	1,431		TX	21		IA	26		CH	3,347,767		CH	41,355		IL	209,454		DC	84%	MO	83%
SC	1,411		GA	20		PA	197		GA	3,027,856		IL	41,088		MI	178,358		MO	83%	AL	83%
CO	1,278		CA	18		CK	56		MI	3,024,478		NJ	35,774		NJ	159,384		AK	82%	MS	82%
24,786			276			1,037			54,783,013			604,980			3,263,448						
All states			42,545			437			3,883			All states			103,785,008			1,134,530		5,916,303	
Top ten			58%			63%			27%			Top ten			54%			55%		55%	
																		All states		70%	
																		Median		78%	
																				67%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-128	AR	-3	FL	-81
ME	-77	MO	-3	NJ	-78
AR	-60	NJ	-3	TN	-25
AK	0	ME	-2	AZ	-21
AL	0	TX	-2	NV	-20

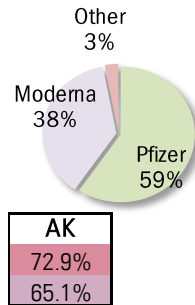


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

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%



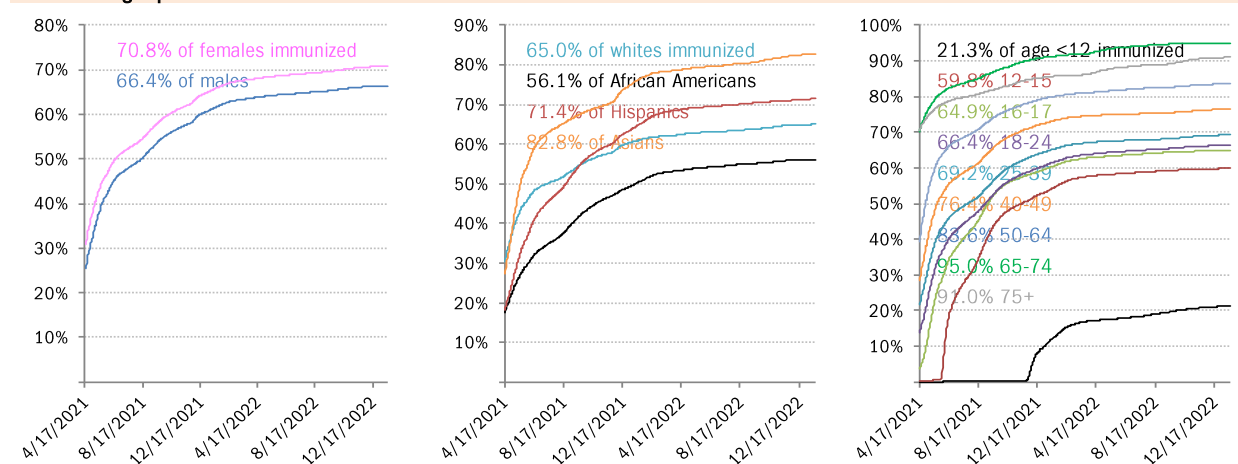
State
At least partial immunity as % population
Full immunity as % population

Best
Middle
Worst

Global data differs due to sources, timing

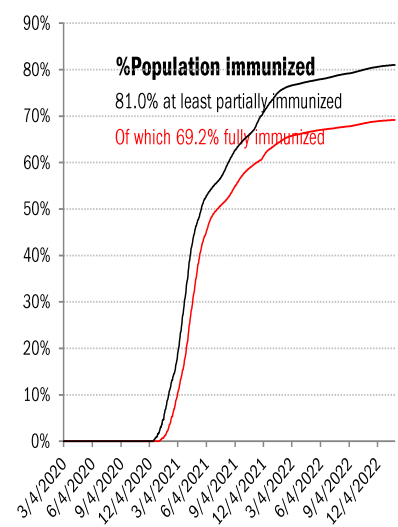
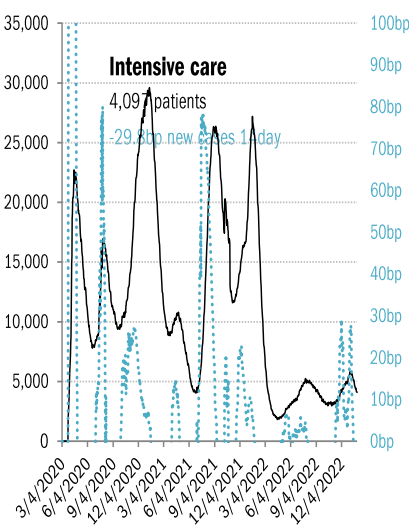
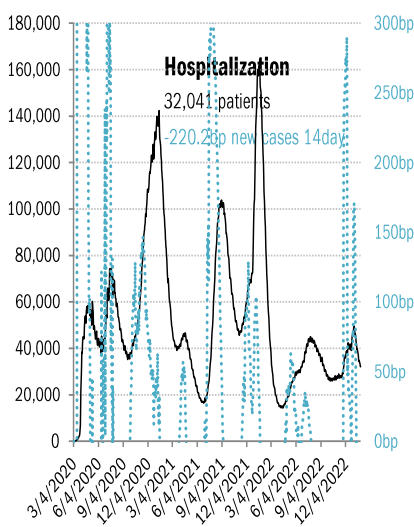
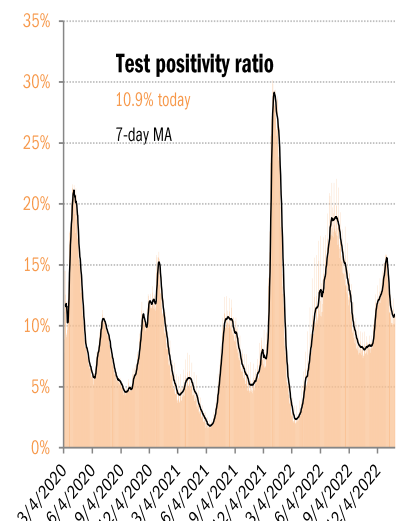
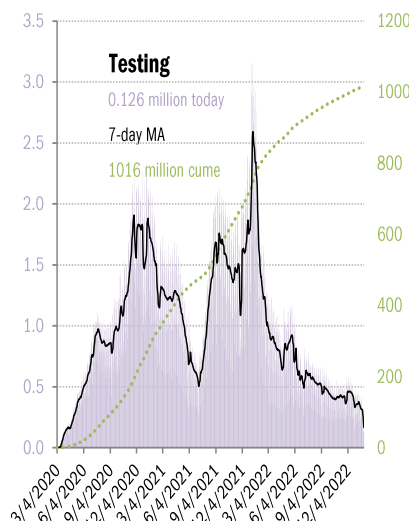
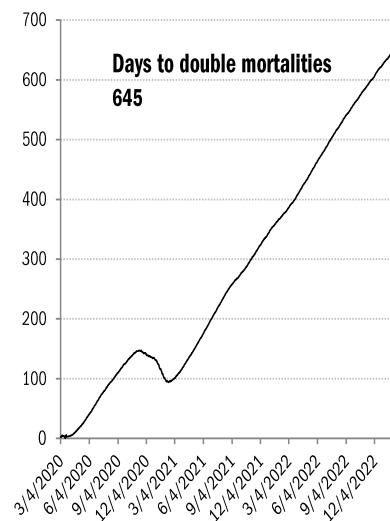
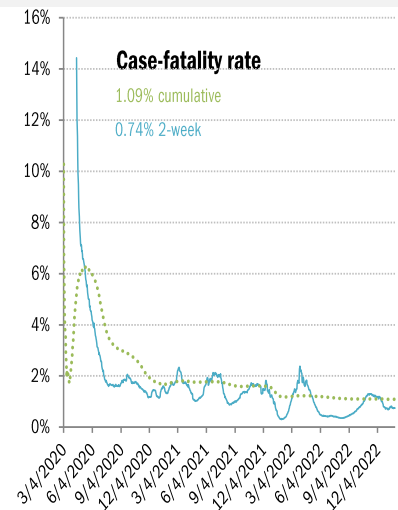
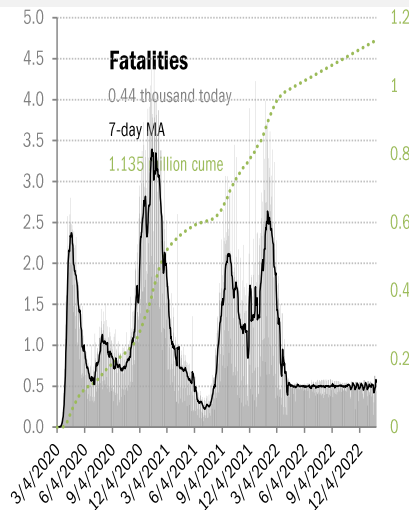
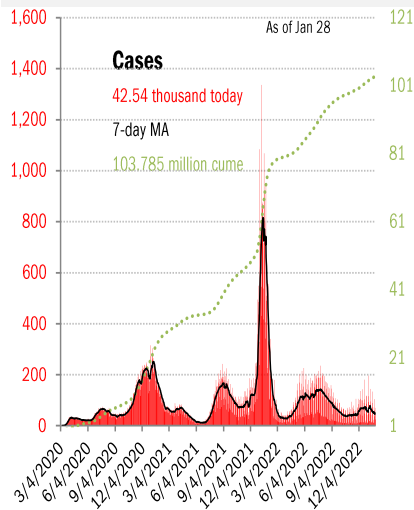
AK		AS		HI		ME	
72.9%	65.1%	75.0%		68.1%		95.0%	
						83.2%	
AR		DE		IL		MA	
72.9%		65.1%		75.0%		68.1%	
65.1%		75.0%		68.1%		95.0%	
						83.2%	
CA		CO		KY		NC	
84.6%		75.1%		68.8%		92.0%	
74.6%		66.6%		59.6%		67.0%	
AZ		NM		TN		SC	
77.4%		94.2%		64.4%		70.9%	
65.9%		75.1%		56.2%		59.8%	
OR		WY		IA		OH	
81.5%		60.8%		70.6%		65.7%	
72.3%		53.0%		64.3%		60.4%	
WA		MT		MN		MI	
85.1%		68.2%		78.7%		69.4%	
75.9%		59.1%		72.0%		62.3%	
ID		ND		IN		PA	
63.8%		69.3%		64.3%		90.4%	
56.4%		58.6%		57.7%		73.2%	
NV		SD		OH		NJ	
77.5%		83.7%		65.7%		94.5%	
63.6%		66.2%		60.4%		79.0%	
UT		NE		MO		VA	
75.1%		73.3%		69.2%		67.4%	
66.6%		66.2%		59.0%		59.6%	
VT		CT		RI		ME	
95.0%		95.0%		95.0%		95.0%	
85.5%		82.9%		87.6%		83.2%	
NH		DE		AL		GA	
88.0%		88.1%		64.9%		68.3%	
71.8%		73.2%		53.1%		57.2%	
OK		LA		MS		FL	
74.5%		62.7%		61.6%		82.4%	
60.4%		55.0%		53.6%		69.3%	
TX		PR					
76.3%		90.8%					
63.2%		83.9%					

The demographics of US vaccination



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

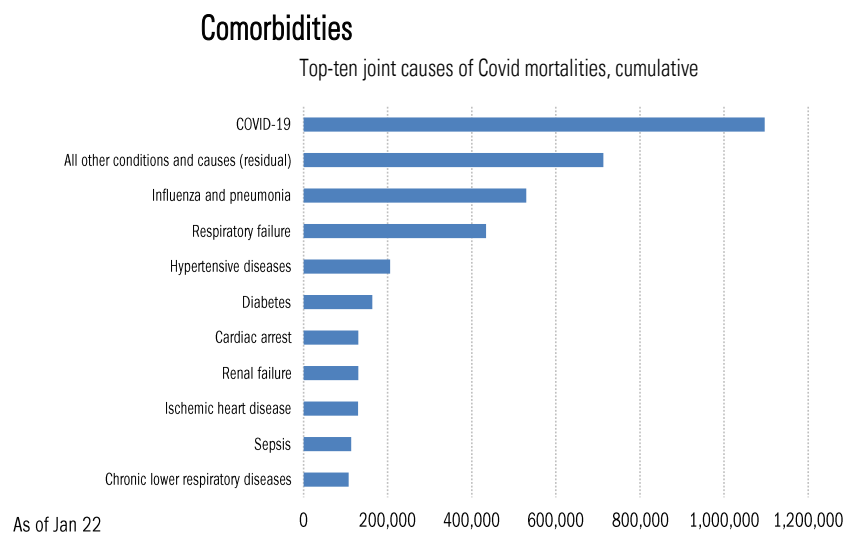
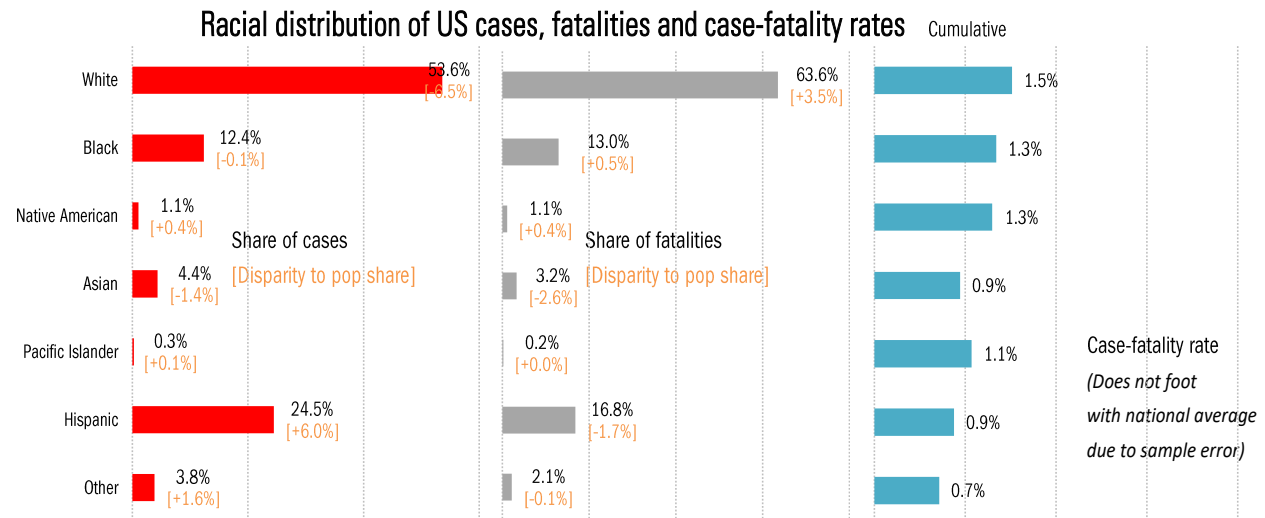
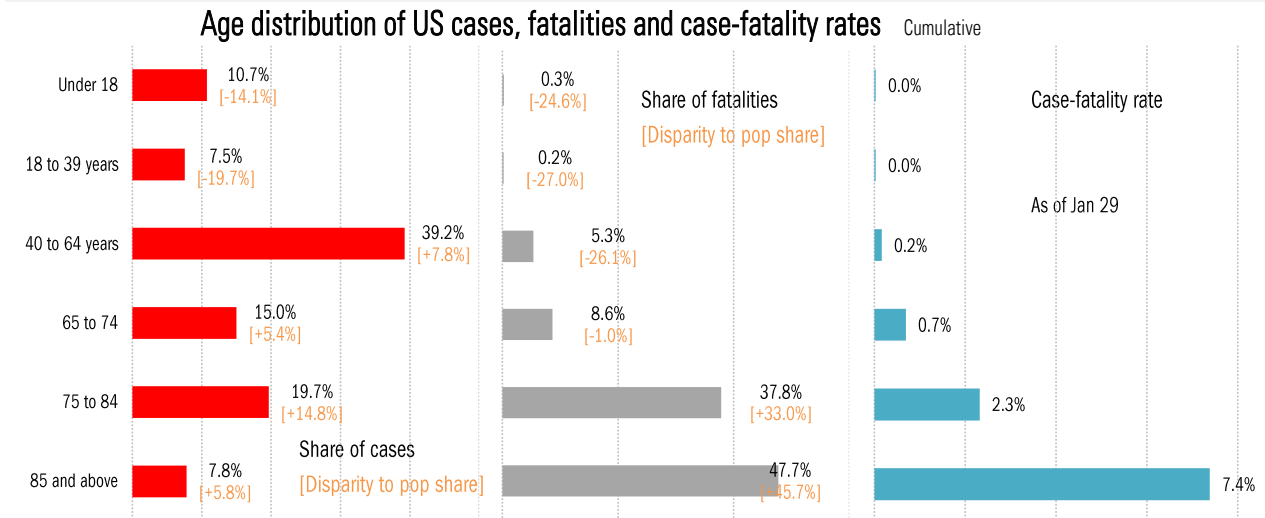
US deep-dive



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

US deep-dive: demographics of age, race and health

Updates weekly on Sunday, 1 week lag



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

[How a Drug Company Made \\$114 Billion by Gaming the U.S. Patent System](#)

Rebecca Robbins

New York Times

January 28, 2023

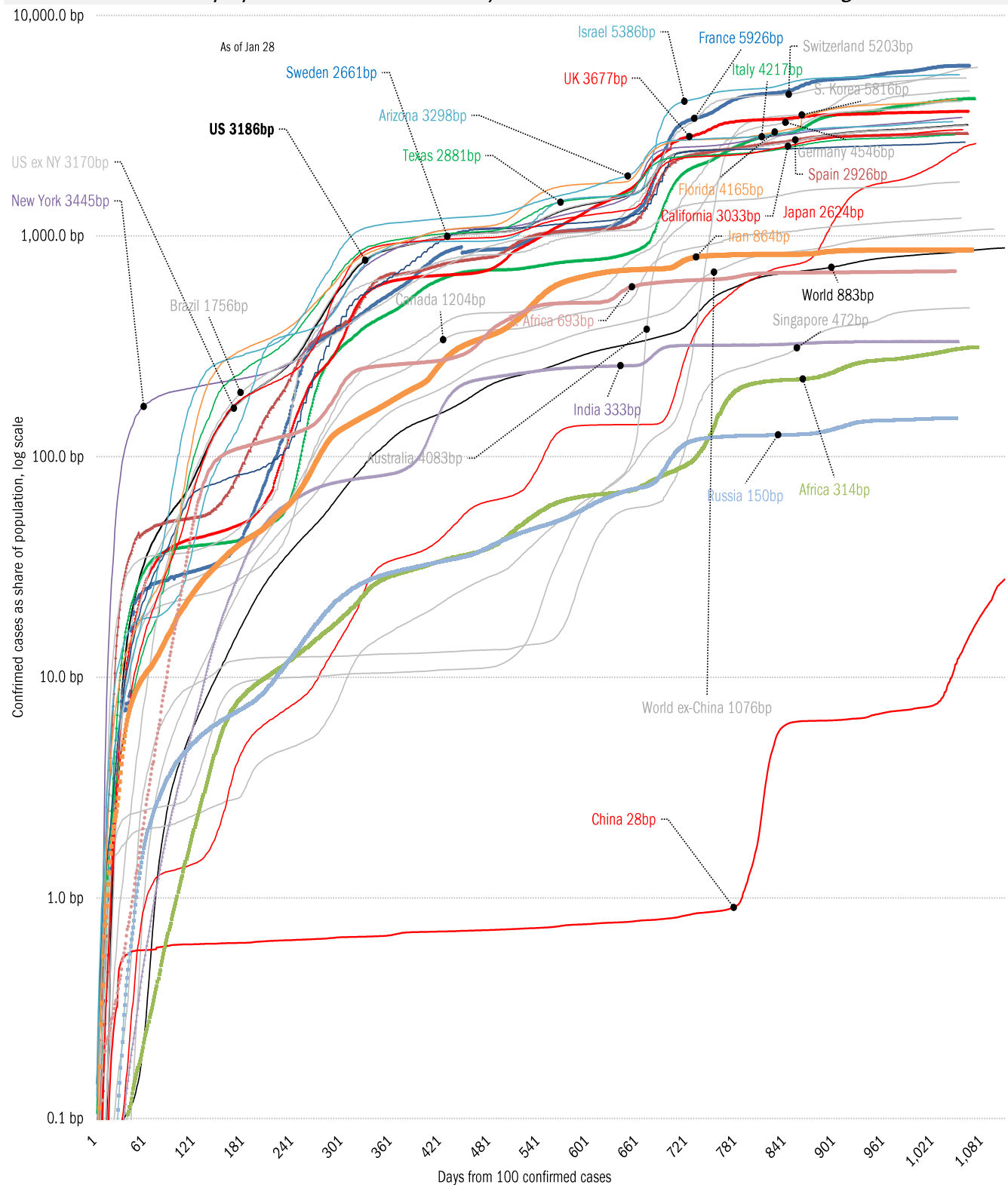
Meme of the Day



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

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

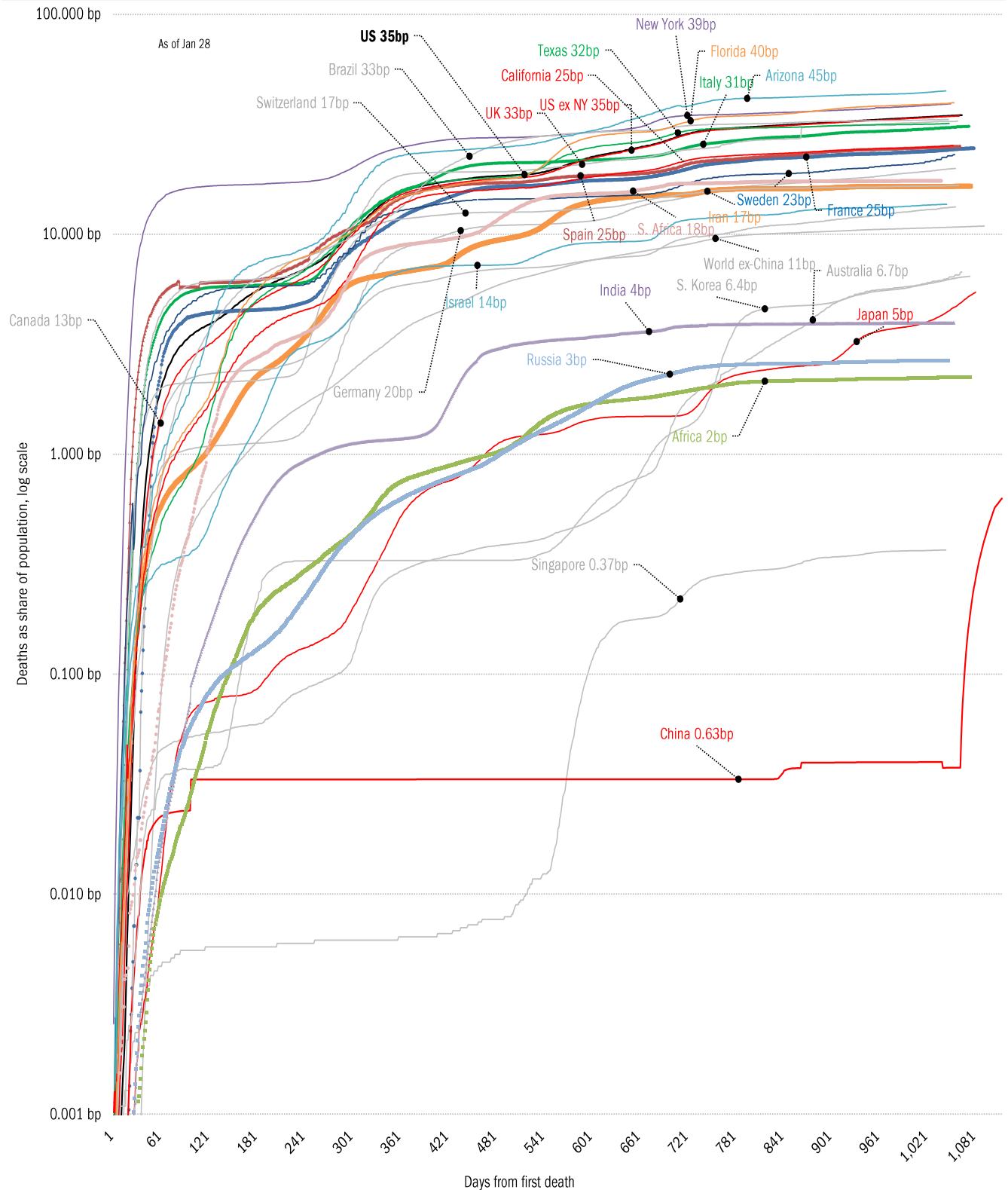
Share of infected population from first day with 100 confirmed cases, log scale



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

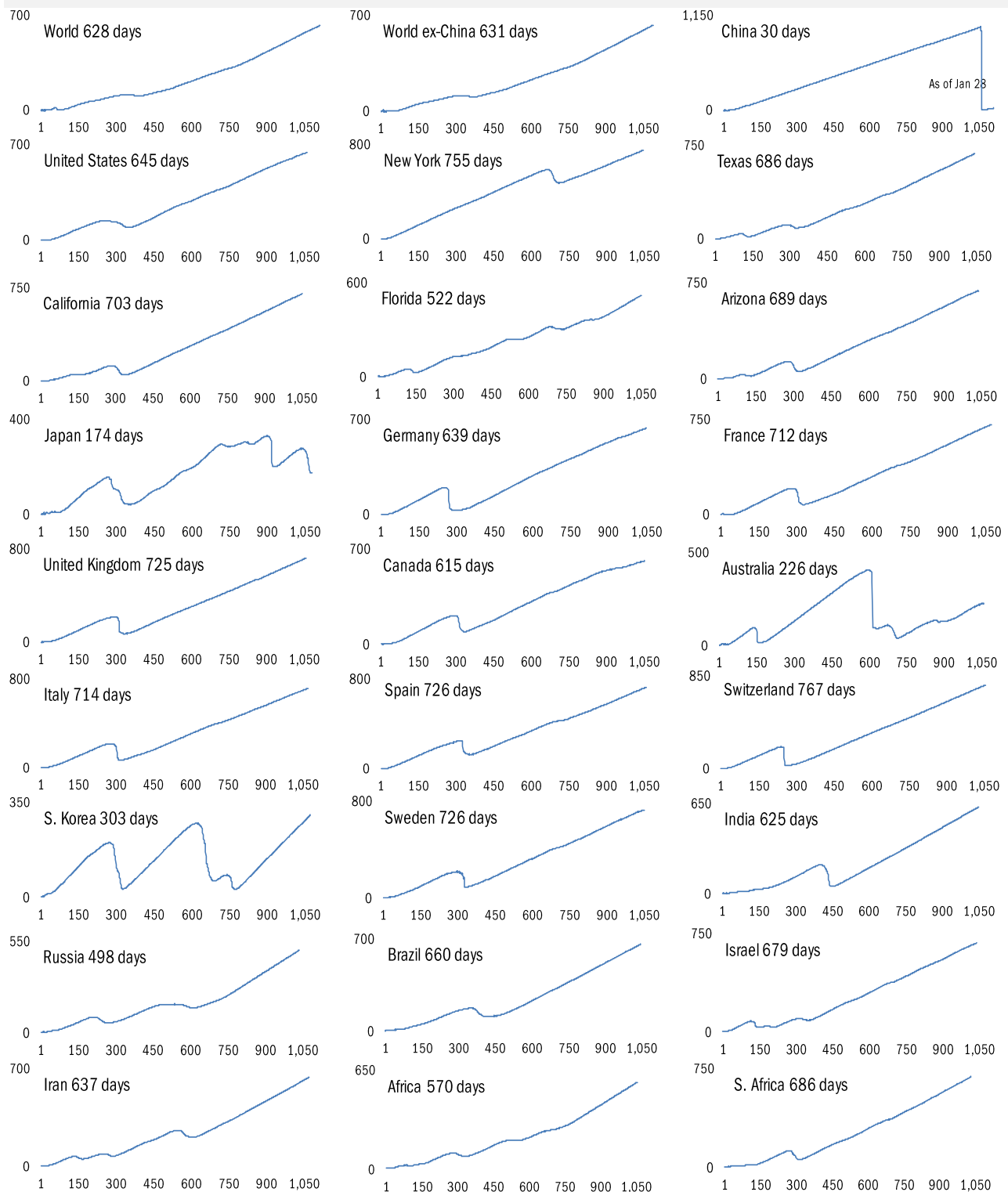


Source: [Johns Hopkins](#), TrendMacro calculations

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

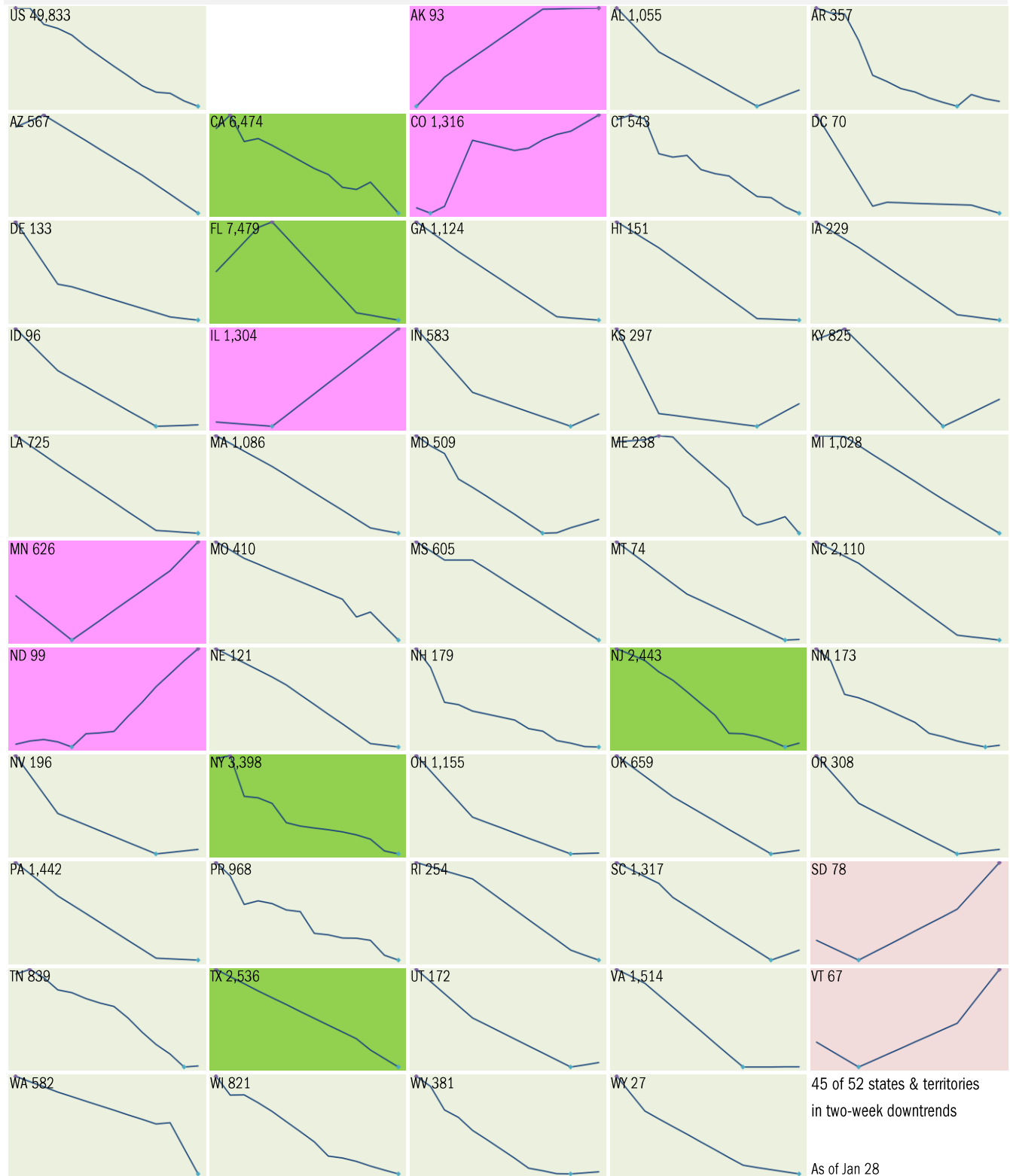


Source: [Johns Hopkins](#), TrendMacro calculations

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

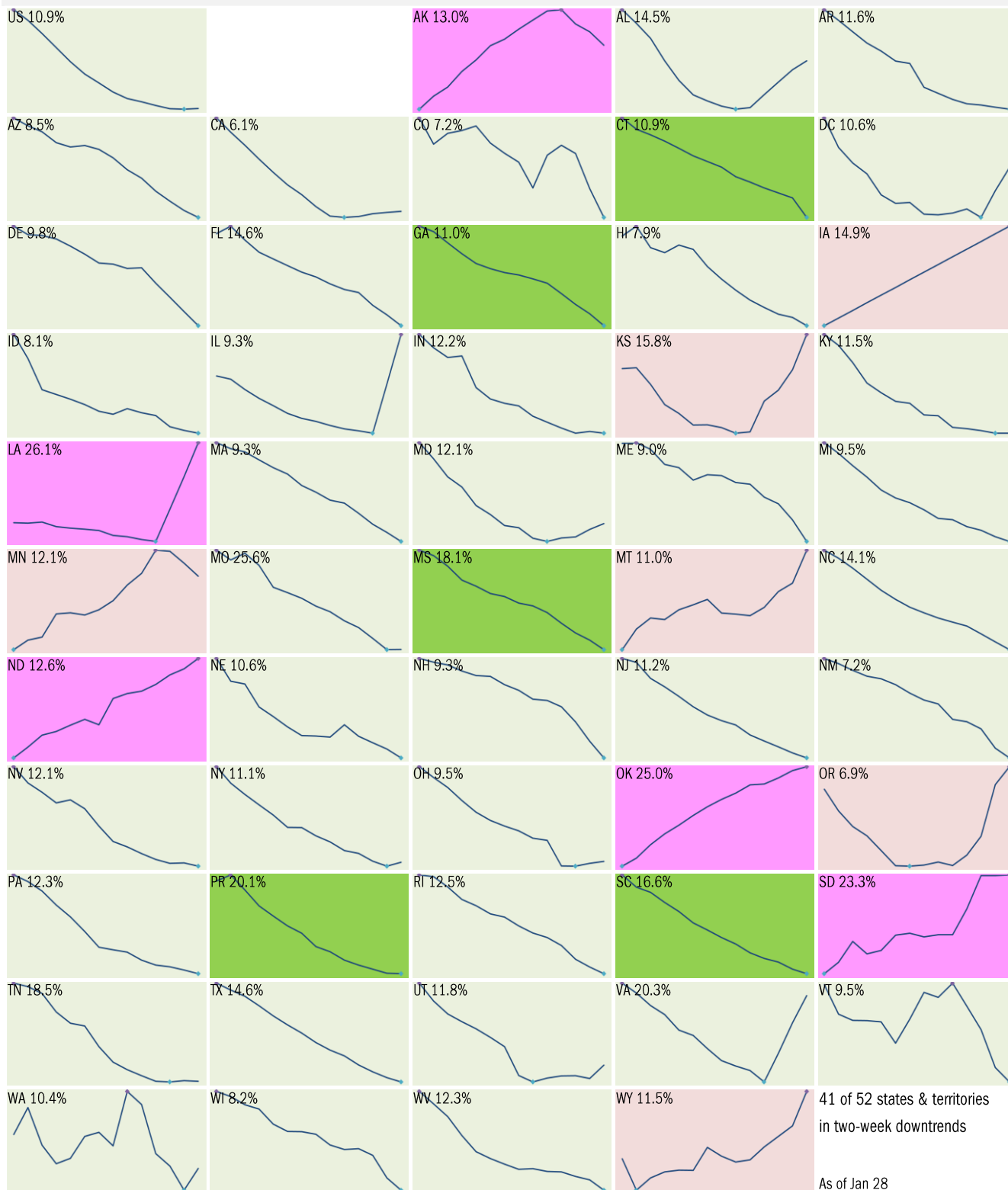


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

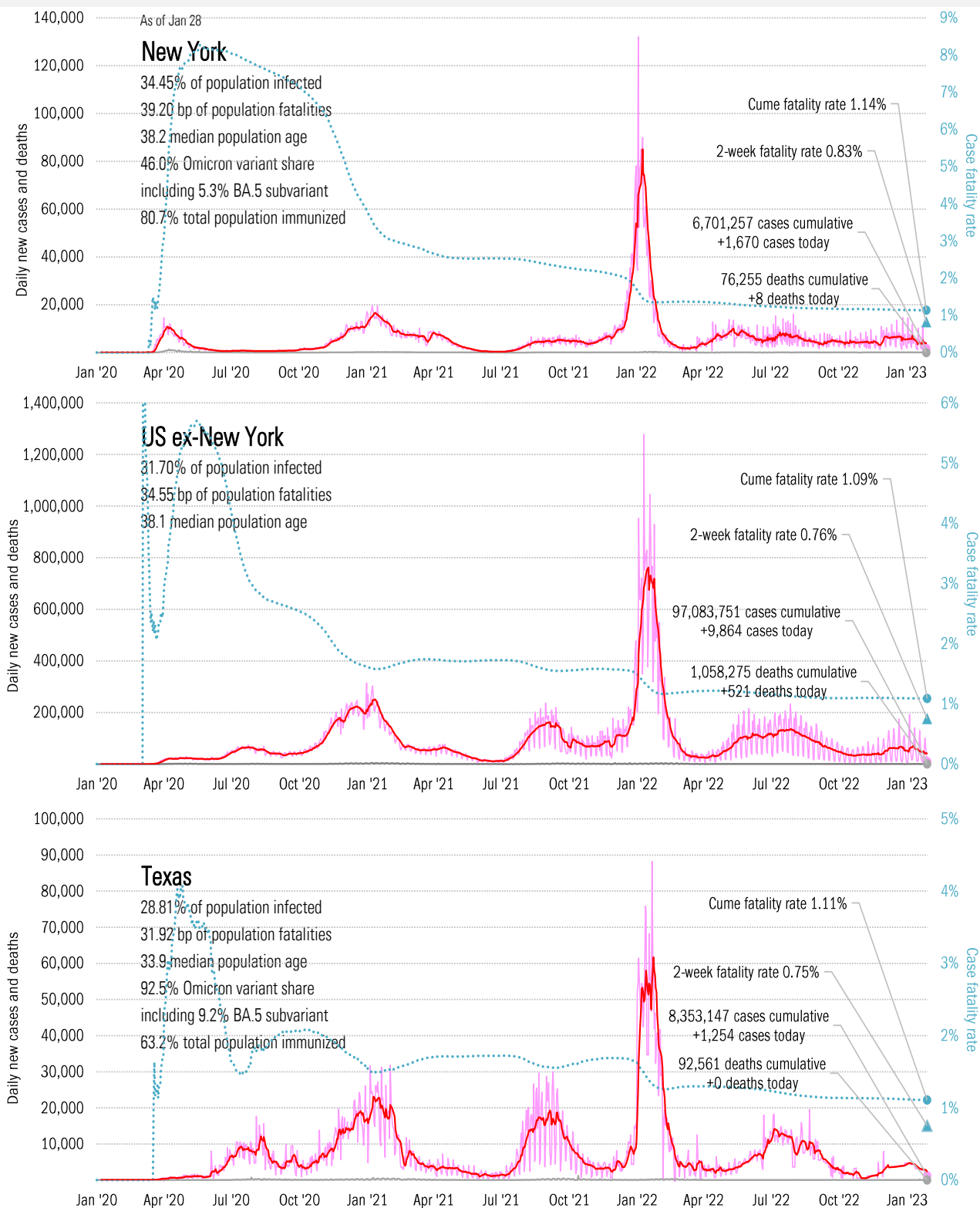
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

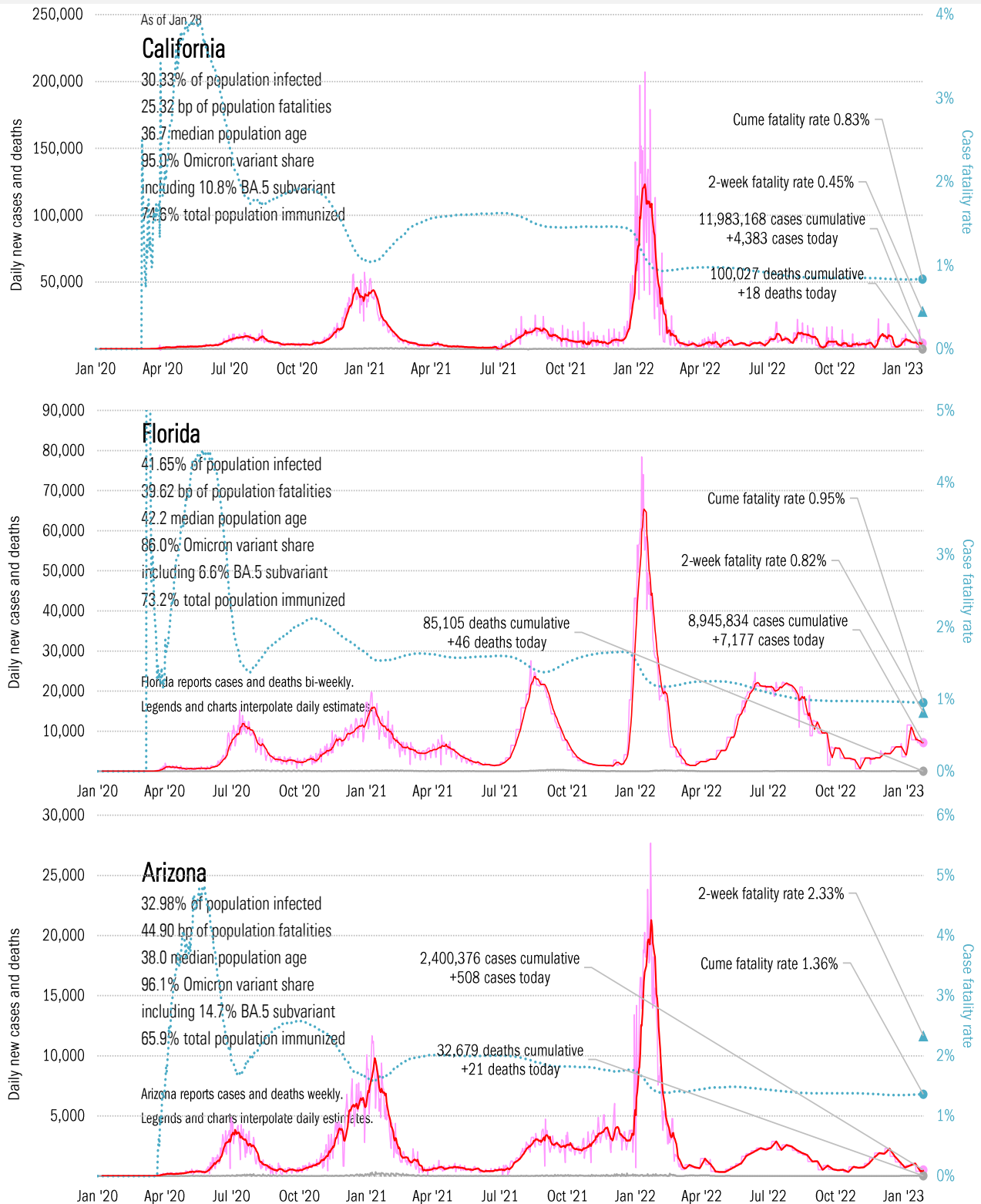
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

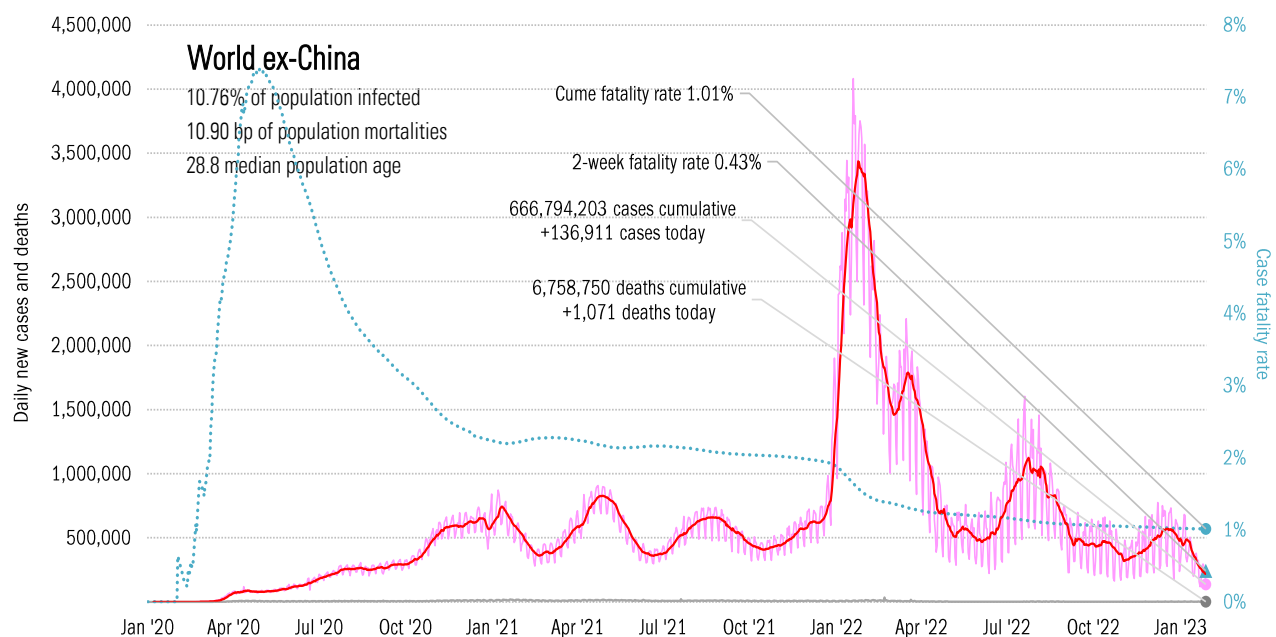
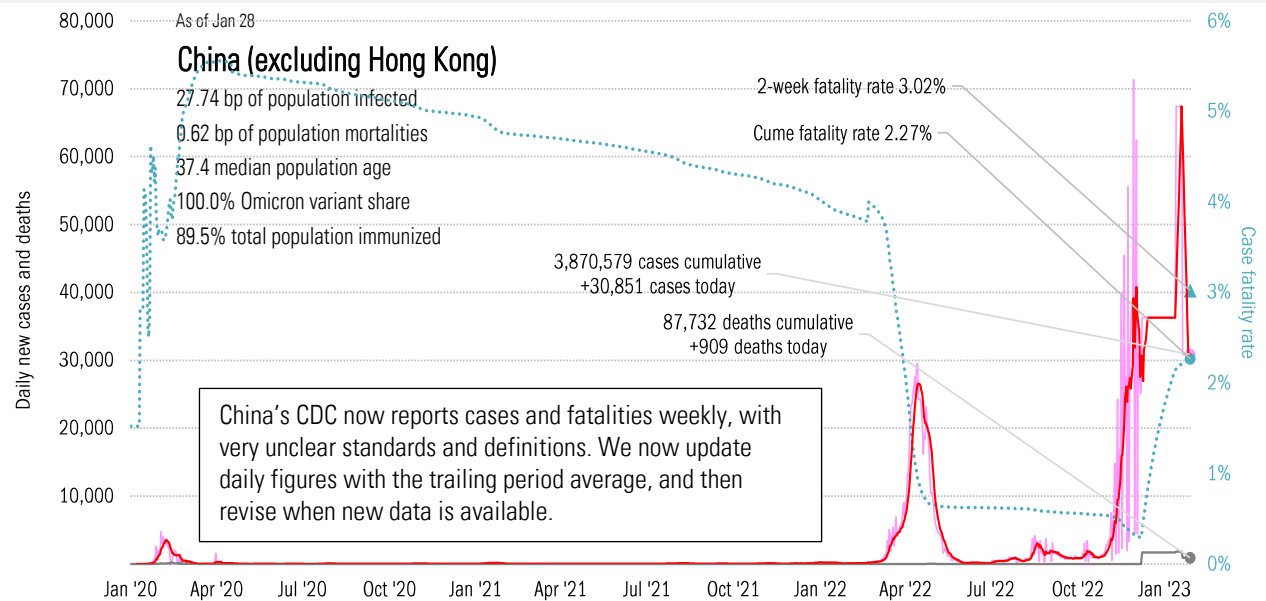
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

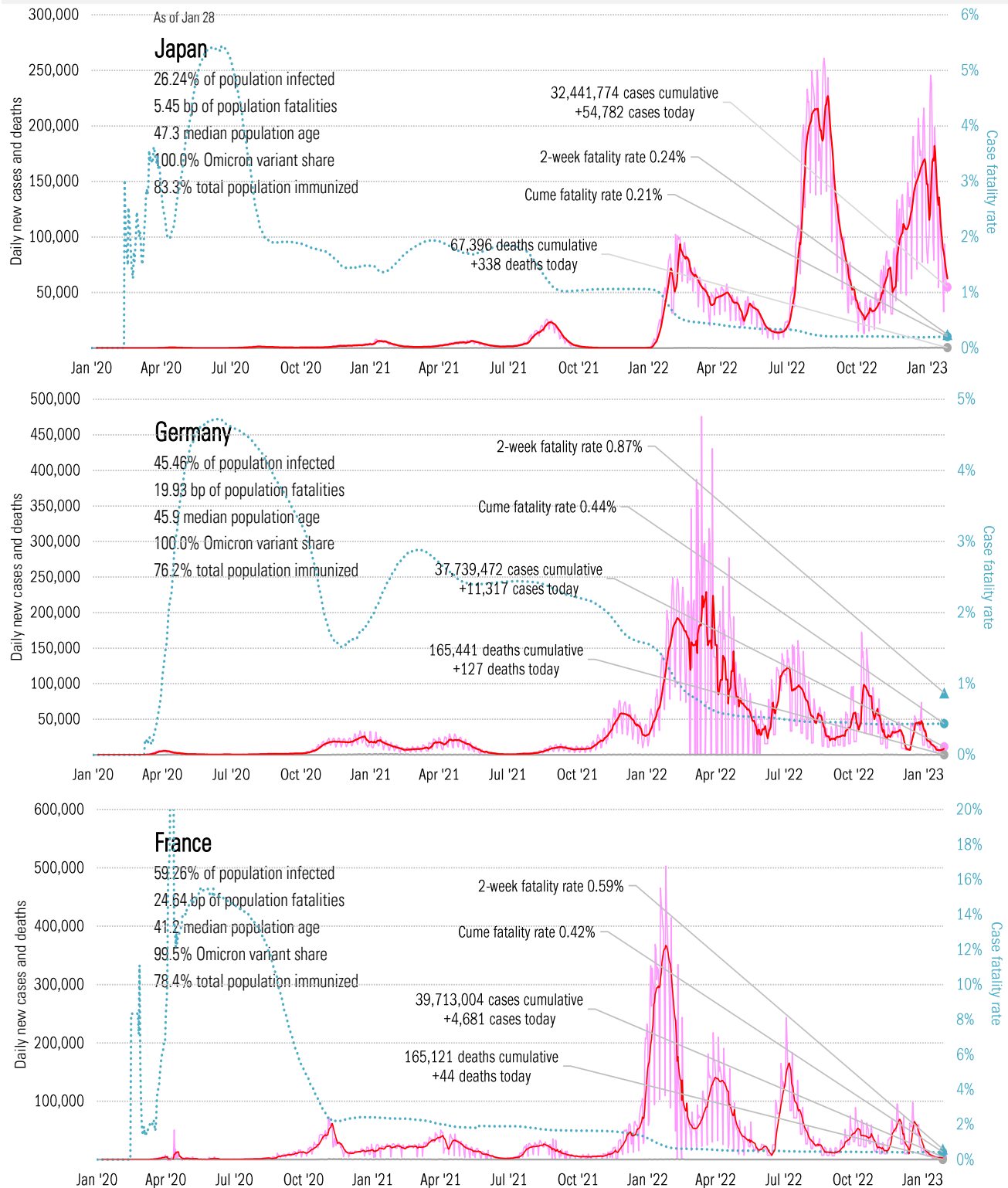
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

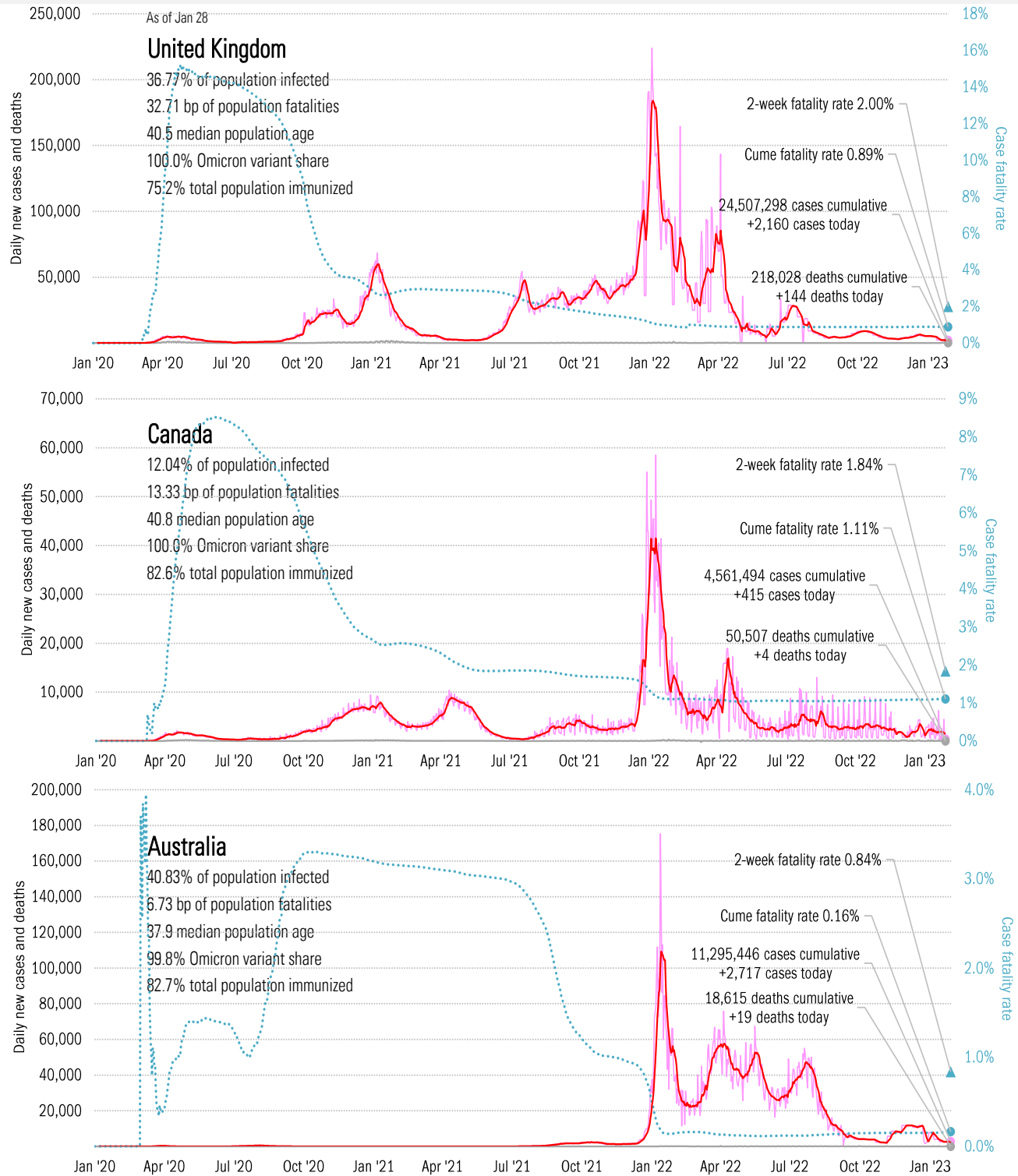
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

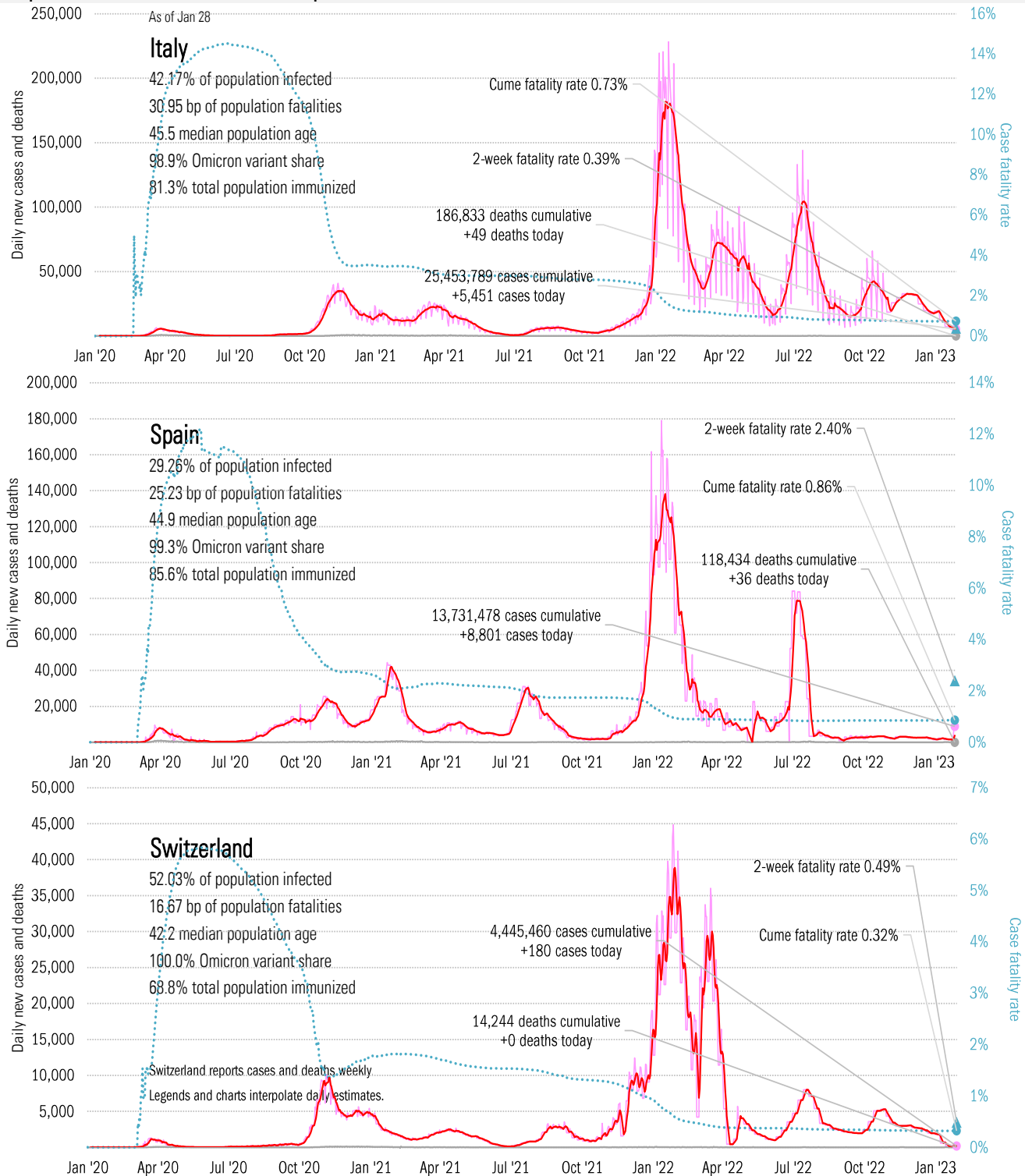
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

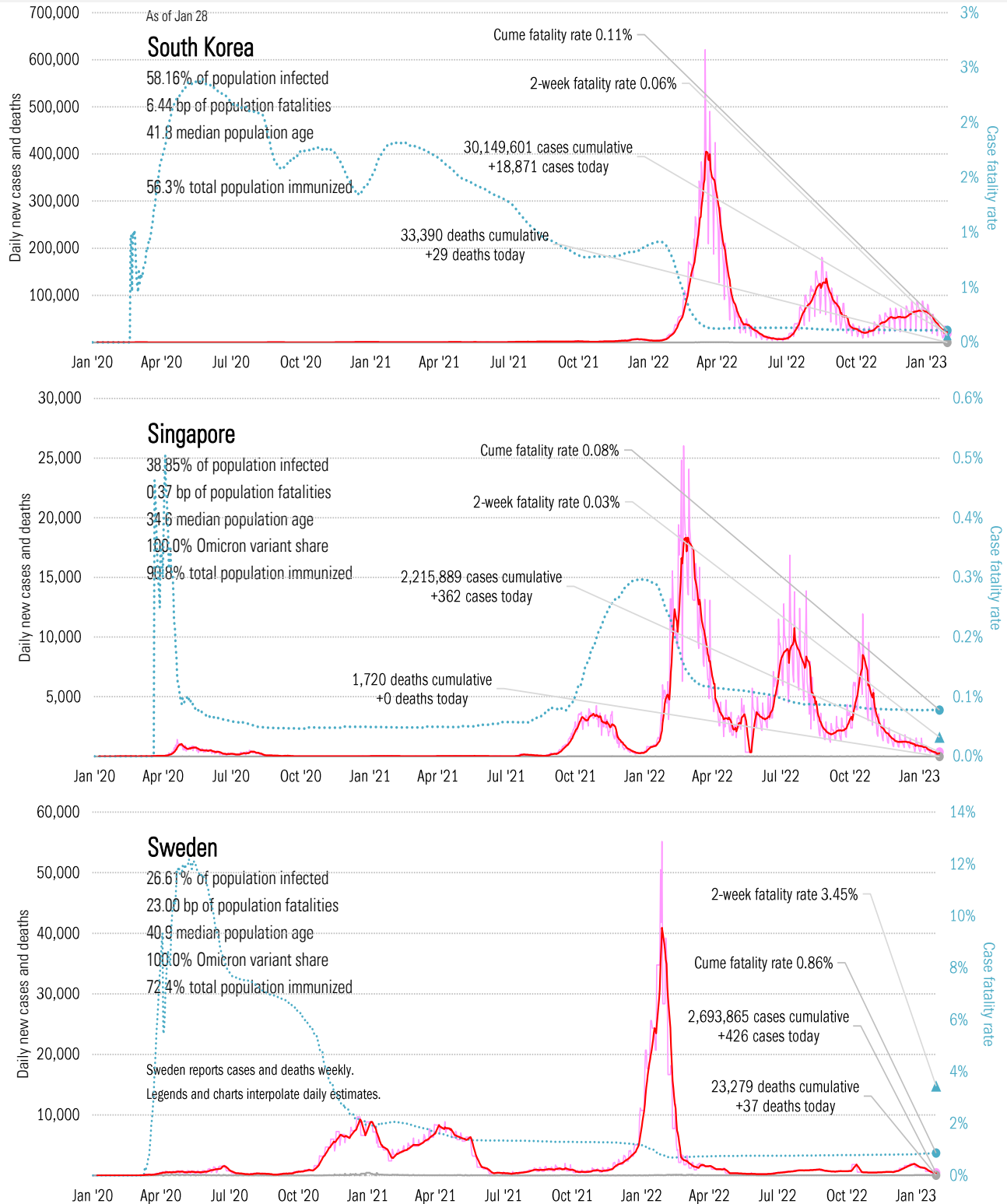
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

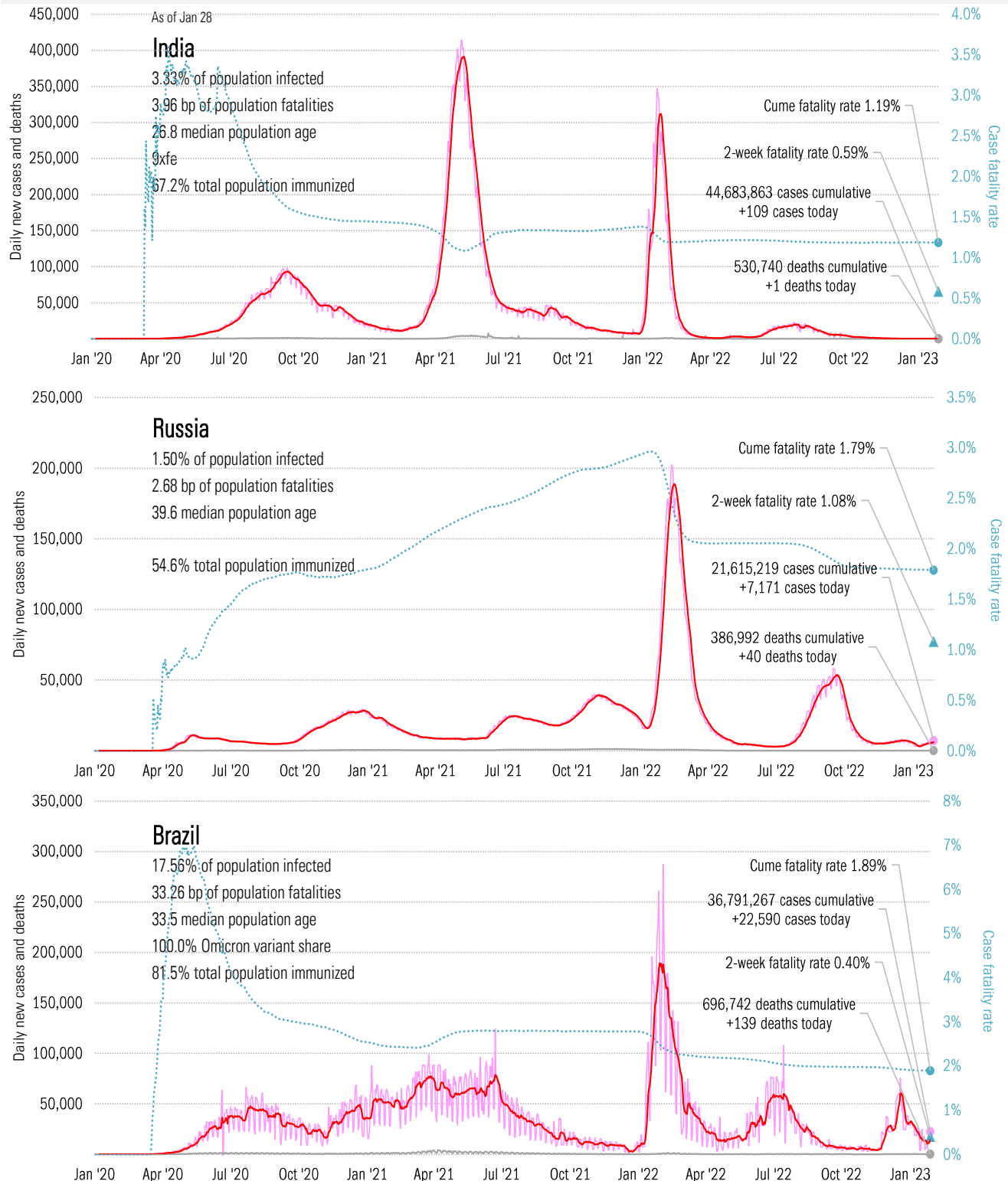
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

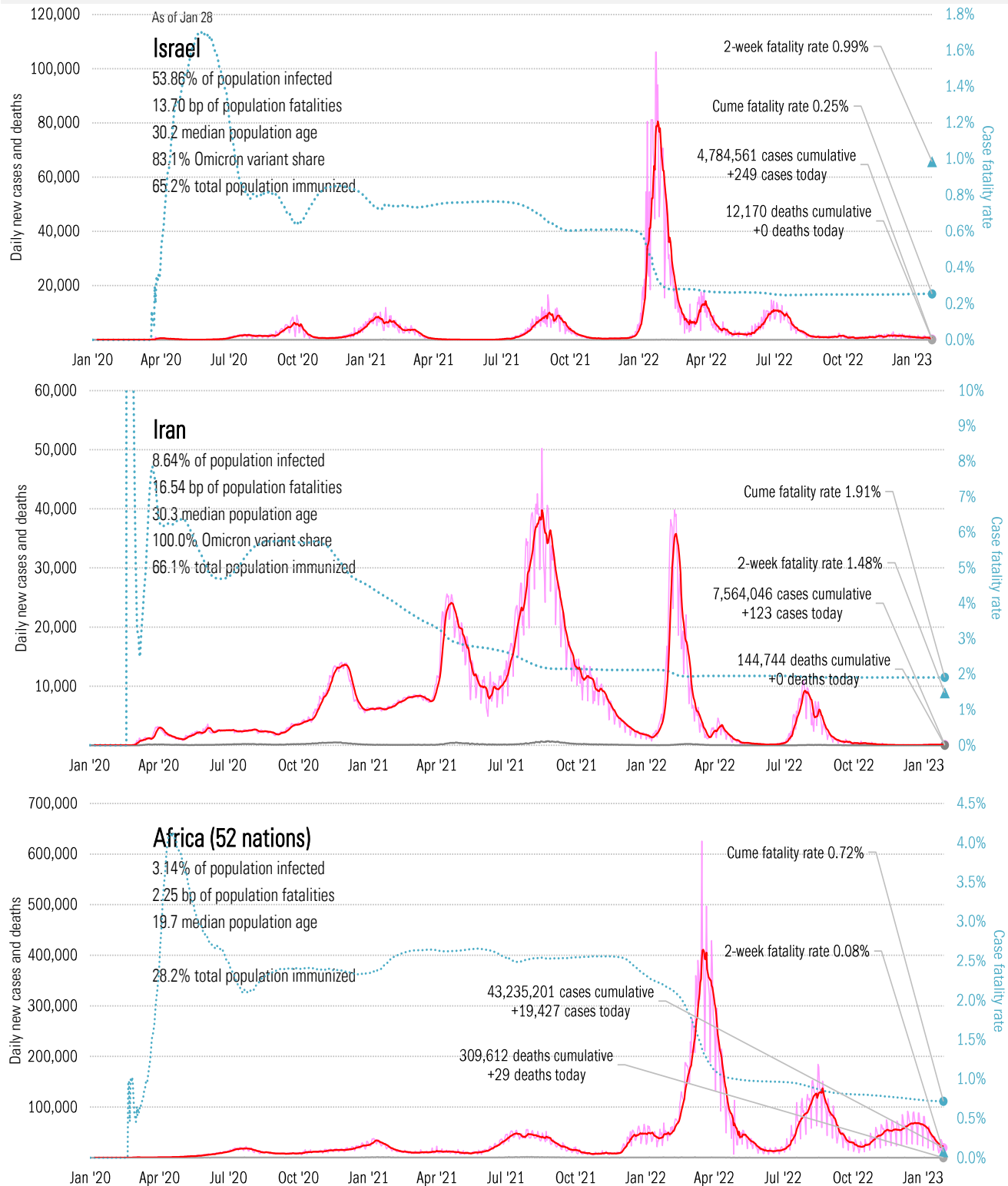
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

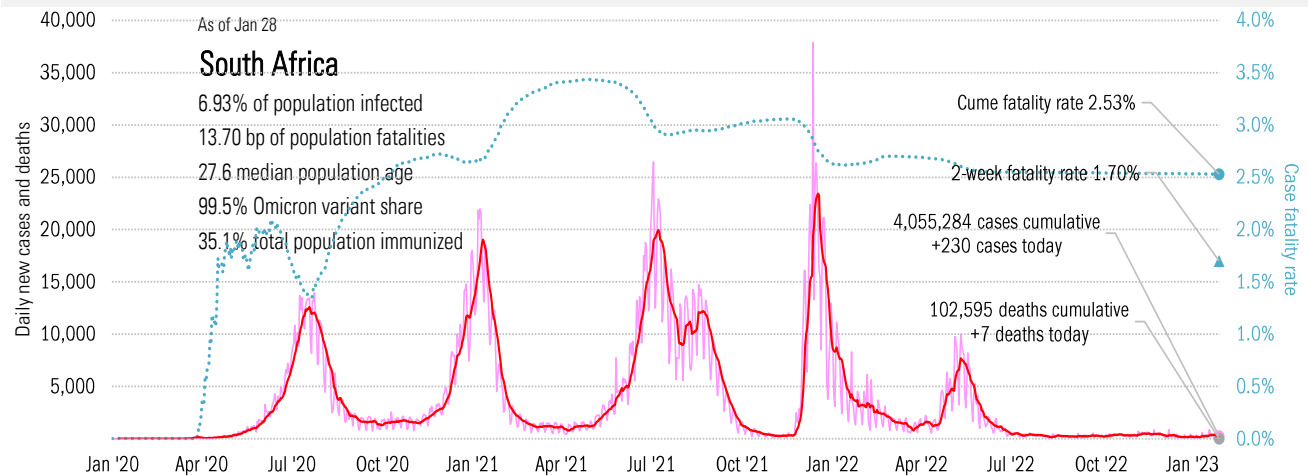
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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