

Data Insights: Covid-2019 Monitor

Sunday, January 15, 2023

The global scorecard

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

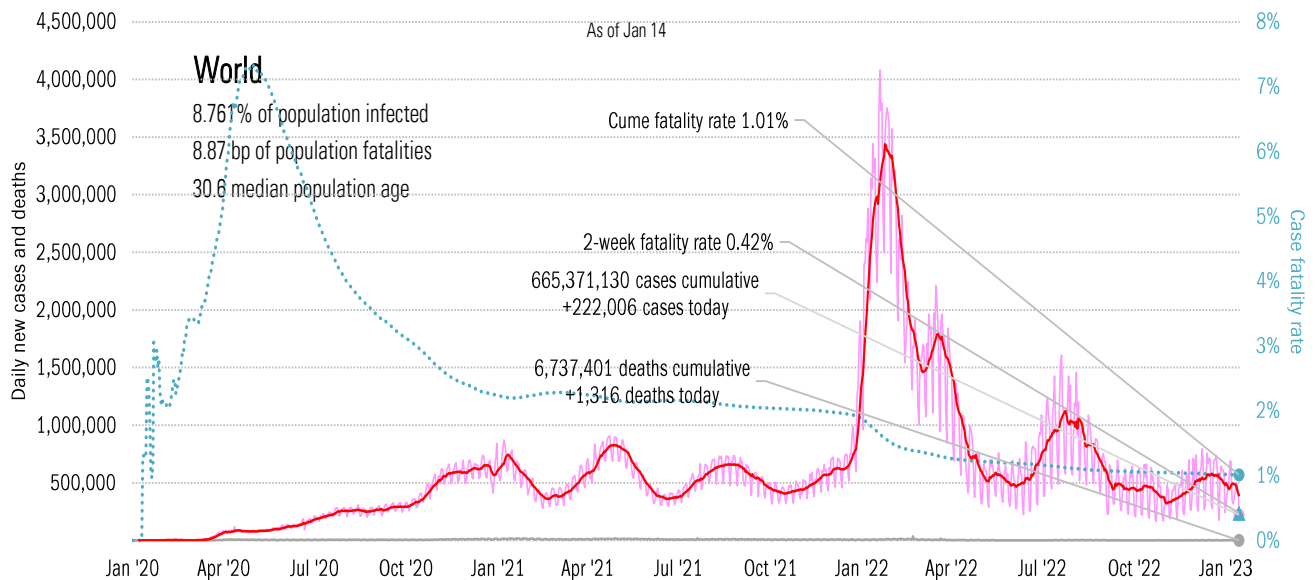
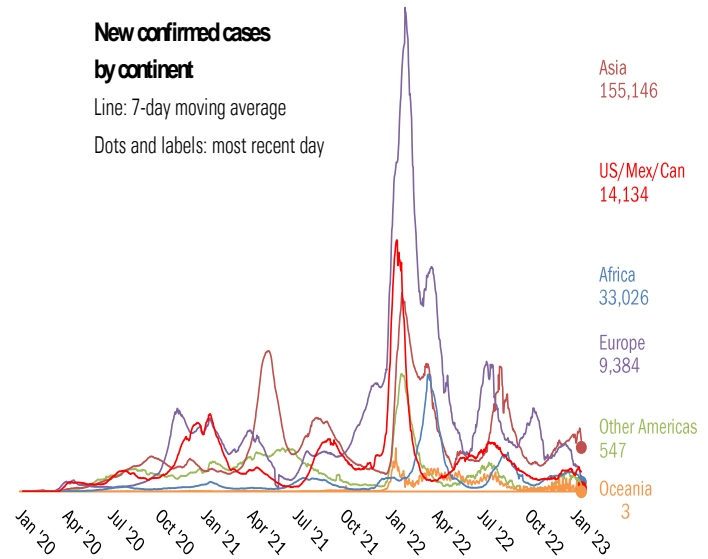
The worst ten countries

New cases		New Deaths	
Japan	132,071	United States	543
United States	48,614	Japan	503
Korea, South	32,570	Germany	150
Taiwan*	20,396	United Kingdom	130
Italy	12,009	France	101
Germany	10,609	Italy	82
China	7,181	Sweden	72
Australia	6,714	Taiwan*	47
France	6,238	Russia	44
Russia	5,042	Spain	43
281,444		1,716	

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

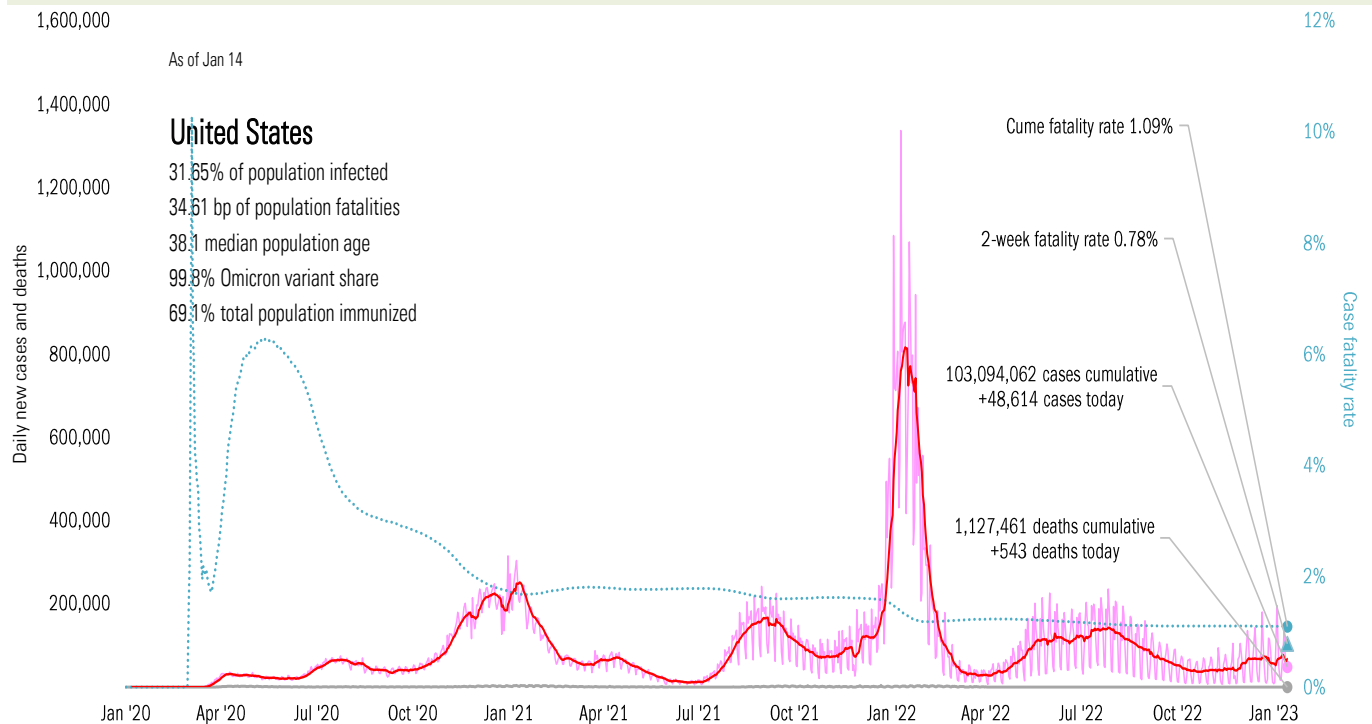
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	7,887		NY	52		VA	204		CA	11,929,677		CA	99,319		TX	575,938		RI	89%	TX	90%
NC	3,232		IL	45		CA	587		TX	8,302,540		TX	92,097		CA	550,830		MA	88%	DC	87%
NJ	3,169		PA	33		CT	119		FL	7,393,712		FL	84,176		FL	520,225		WA	88%	AL	87%
KY	3,042		NC	30		NJ	268		NY	6,648,422		NY	75,751		NY	342,224		DE	87%	NC	87%
VA	2,561		AZ	27		AL	92		IL	3,981,275		PA	49,263		CH	238,807		NH	86%	NH	87%
PA	1,973		TX	27		NE	27		PA	3,447,091		GA	41,648		GA	237,170		MD	85%	MA	86%
NY	1,910		MI	24		MO	114		NC	3,382,420		CH	41,139		PA	223,450		MO	85%	RI	85%
SC	1,881		MA	23		OK	67		CH	3,331,651		MI	41,001		IL	207,274		DC	85%	MS	85%
GA	1,836		FL	23		AZ	73		GA	3,011,842		IL	40,747		MI	177,077		AK	84%	VT	84%
TX	1,716		SC	22		WI	82		MI	3,008,317		NJ	35,670		NJ	156,642		NC	84%	GA	83%
29,207			306			1,633			54,436,947			600,811			3,229,637						
All states	48,614			543			5,328		All states	103,094,062			1,127,461			5,858,237		All states	70%		67%
Top ten	60%			56%			31%		Top ten	54%			55%			55%		Median	80%		79%

Some states not reporting

Five most improved US states

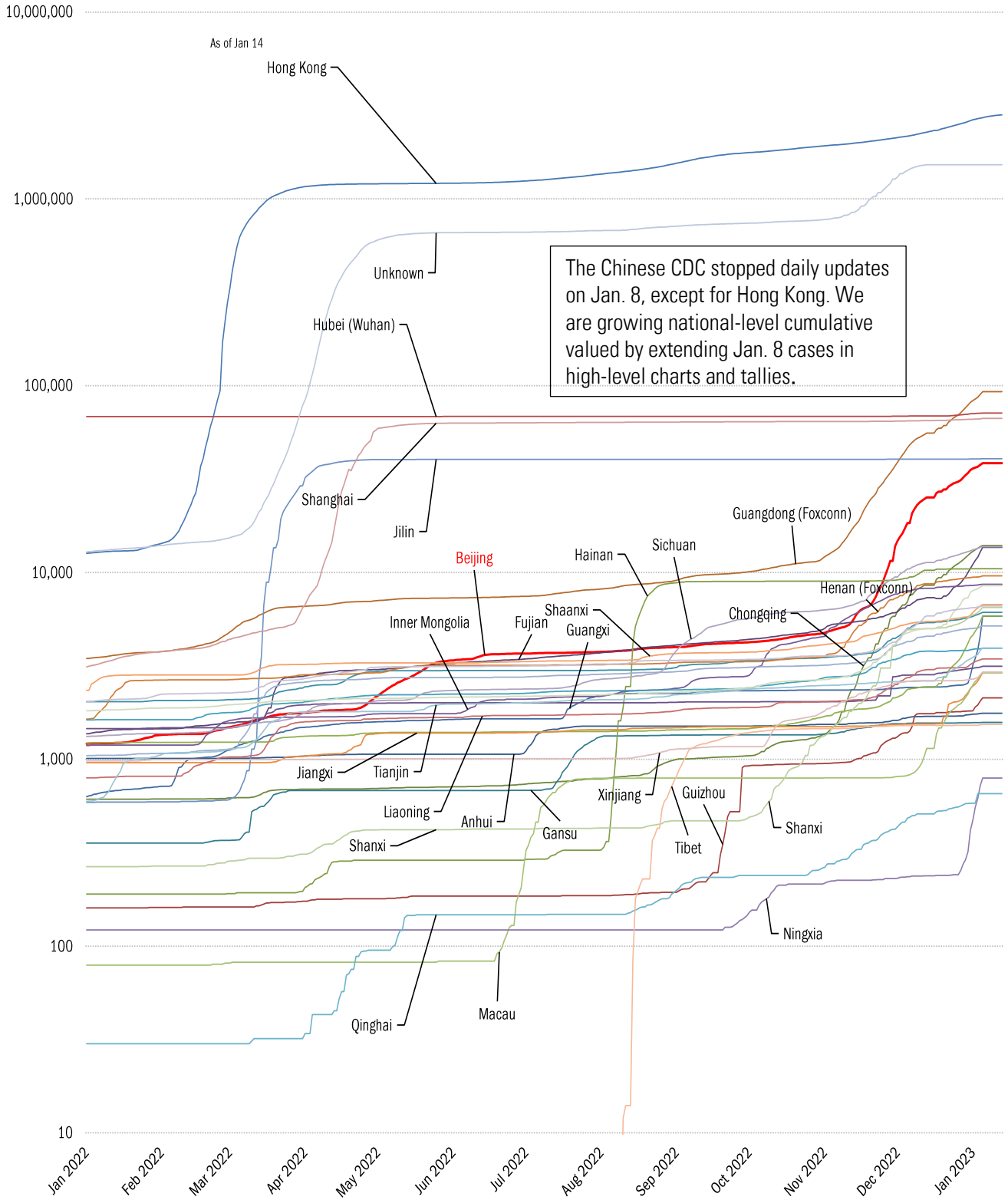
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-3,307	CA	-167	PA	-60
AR	-79	CT	-4	NY	-41
AK	0	CO	-2	FL	-27
AL	0	WY	-1	DE	-26
AZ	0	MT	-1	IA	-25



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"

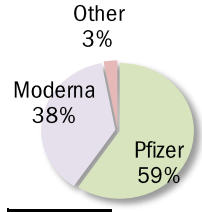


Source: [Johns Hopkins](#), TrendMacro calculations

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%

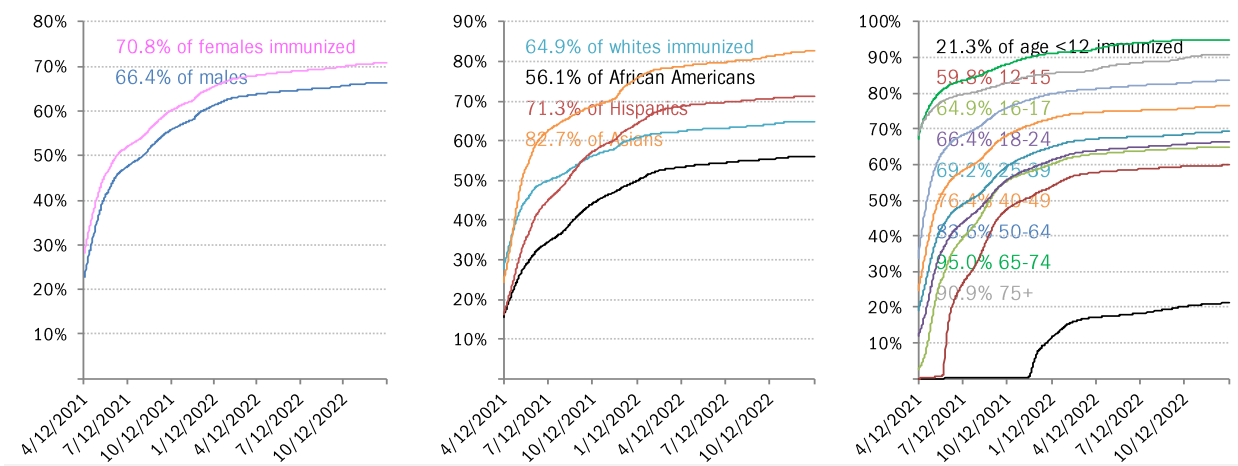
As of Jan 13

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%

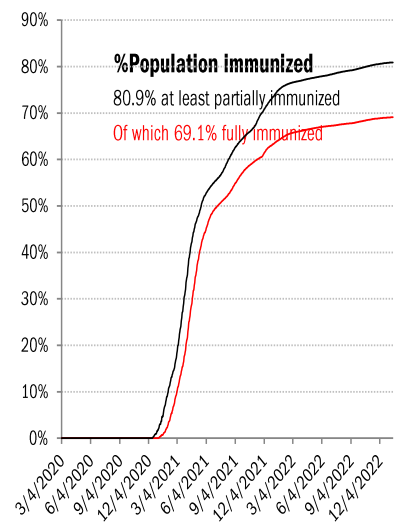
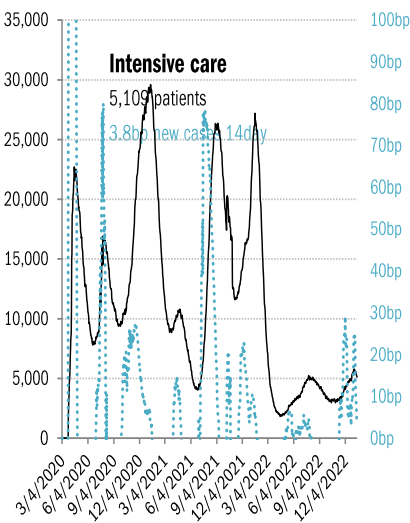
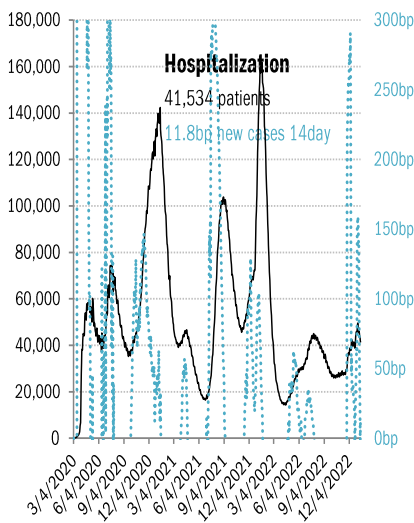
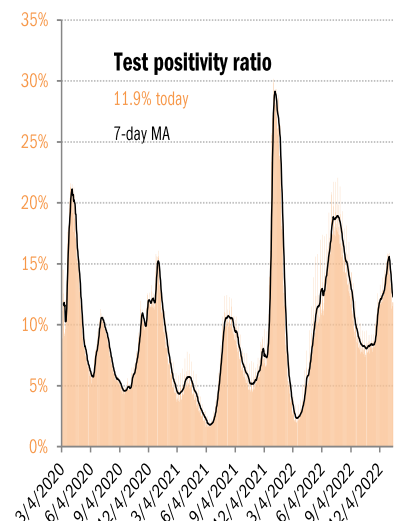
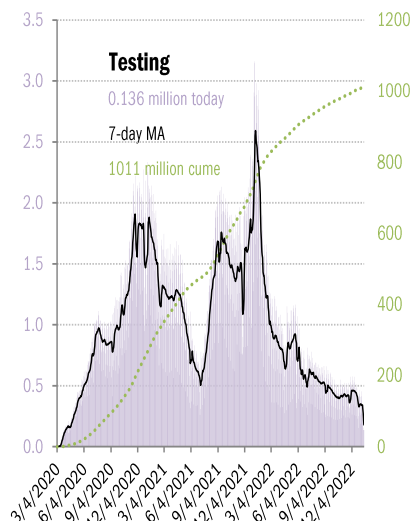
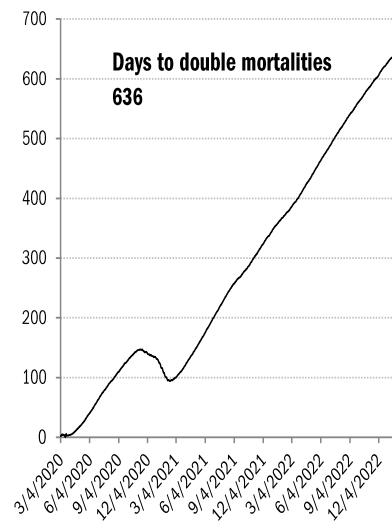
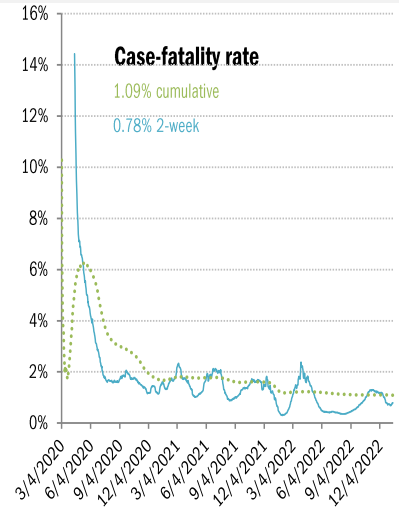
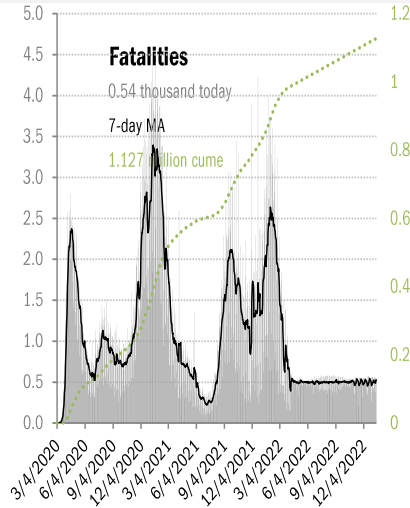
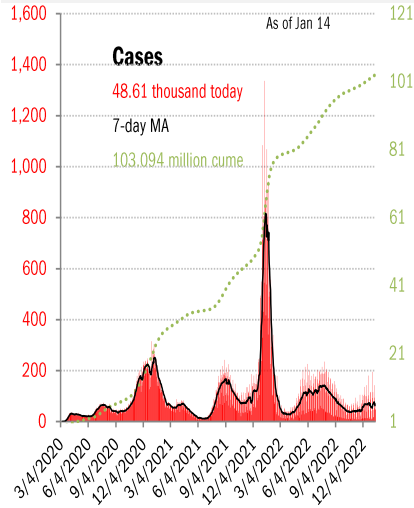
HI	91.2%
	81.4%

The demographics of US vaccination



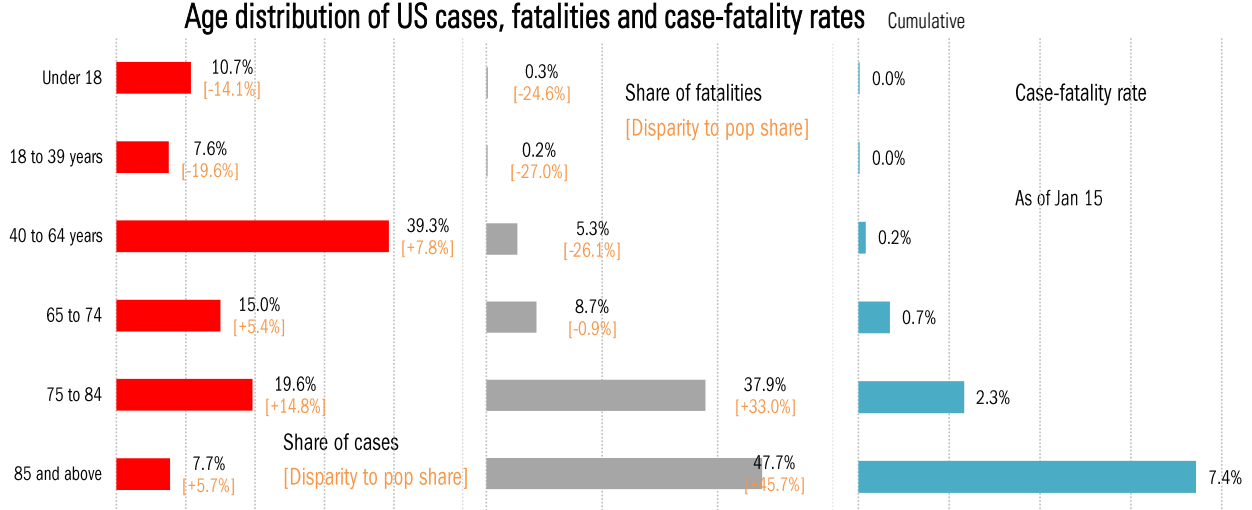
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

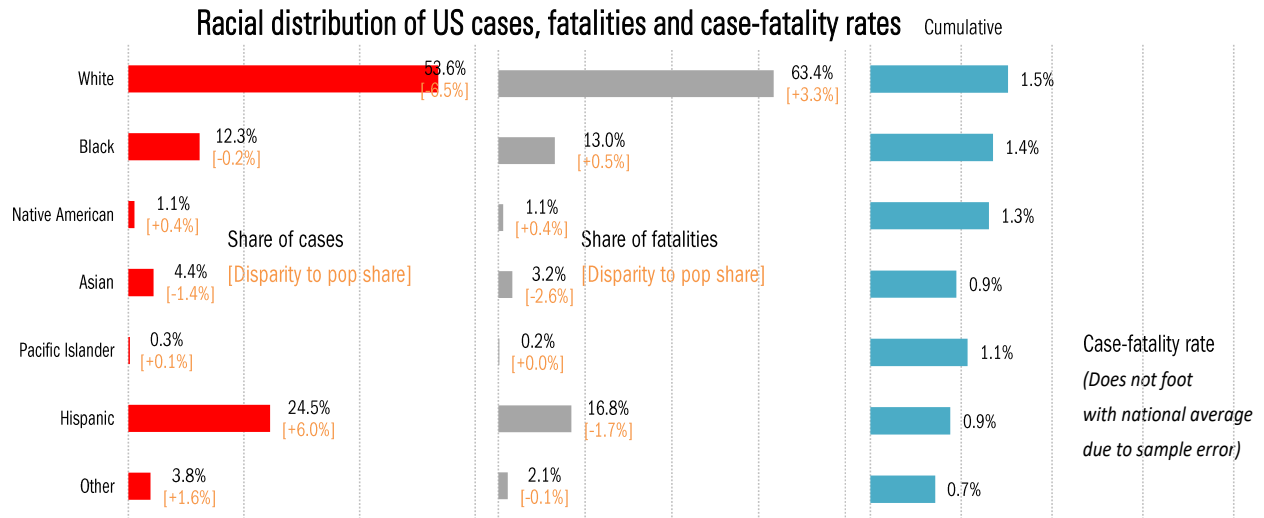


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

Age distribution of US cases, fatalities and case-fatality rates

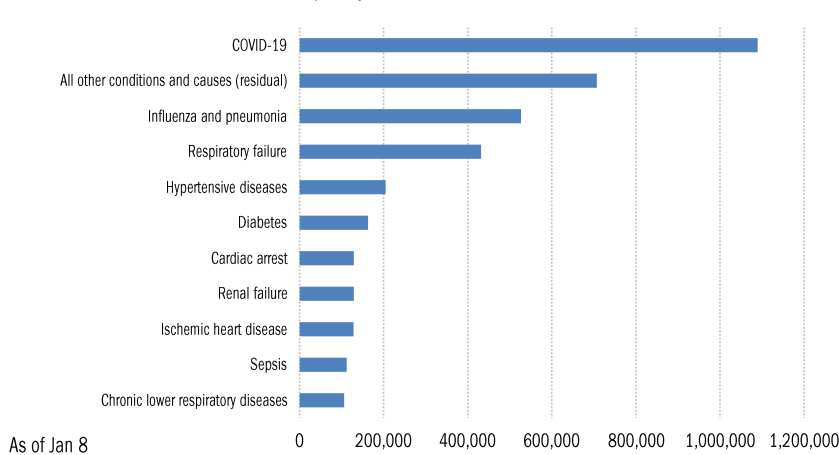


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[Children's Health Defense et al. versus Washington Post et al.](#)

Ryan P. Brown and John W. Howard
United States District Court, Northern District of Texas, Amarillo Division
January 10, 2023

[Breaking: Landmark Lawsuit Slaps Legacy Media With Antitrust, First Amendment Claims for Censoring COVID-Related Content](#)

Michael Nevradakis, Ph.D.
The Defender
January 10, 2023

[The Lancet has become a laughing stock](#)

Norman Fenton and Martin Neil
Where Are the Numbers?
January 14, 2023

[XBB.1.5 shows we're thinking about covid variants all wrong. Here's a better way.](#)

Jonathan Lambert
Grid
January 11, 2023

[A post-pandemic drop in kindergarten vaccinations is making public health officials very nervous](#)

Dan Vergano
Grid
January 12, 2023

Meme of the Day

German Gov't Claims Investigating Covid Vaccines Would Be 'Dangerous For Democracy'

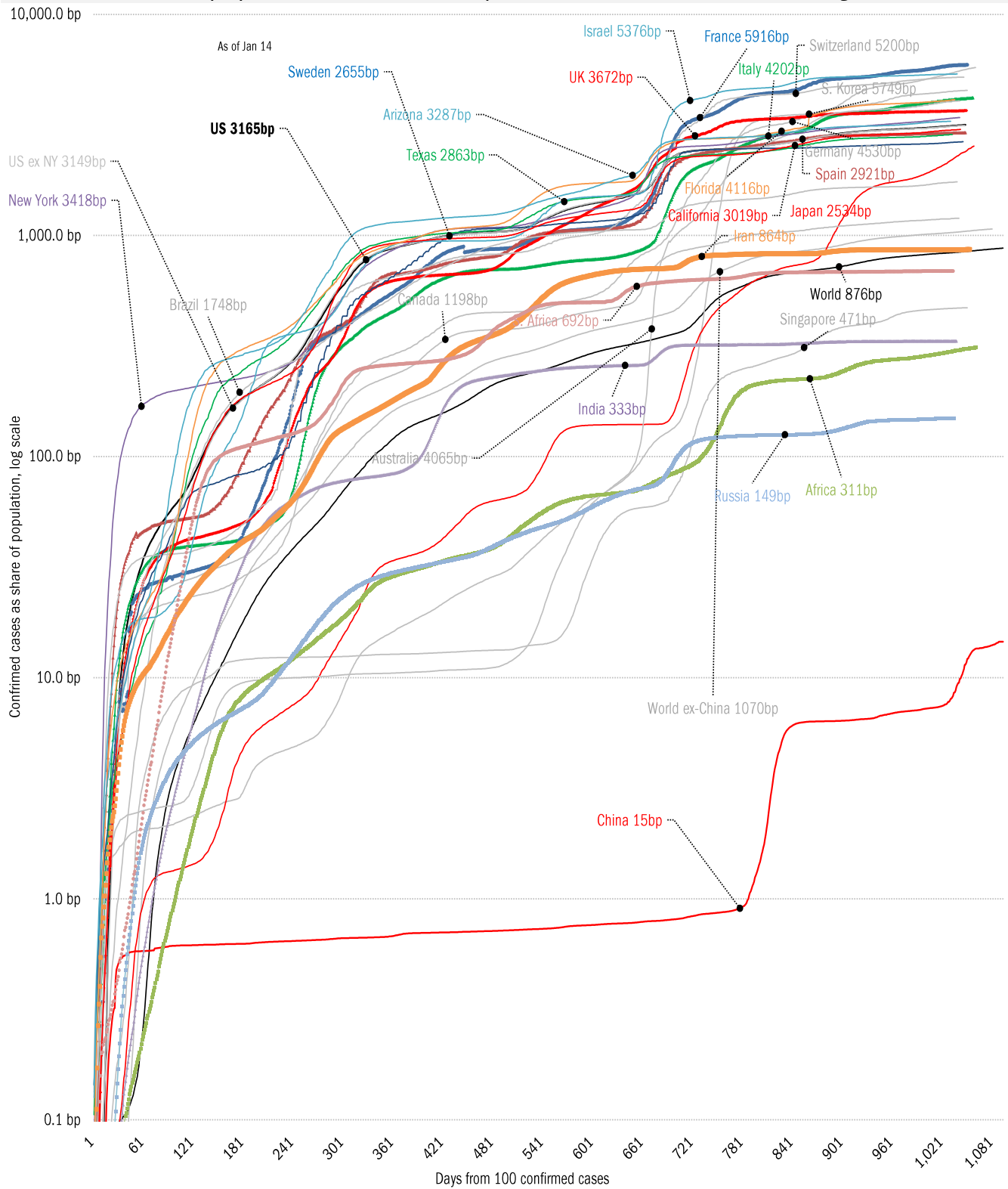


🕒 January 5, 2023 👤 Baxter Dmitry
💬 8 Comments



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

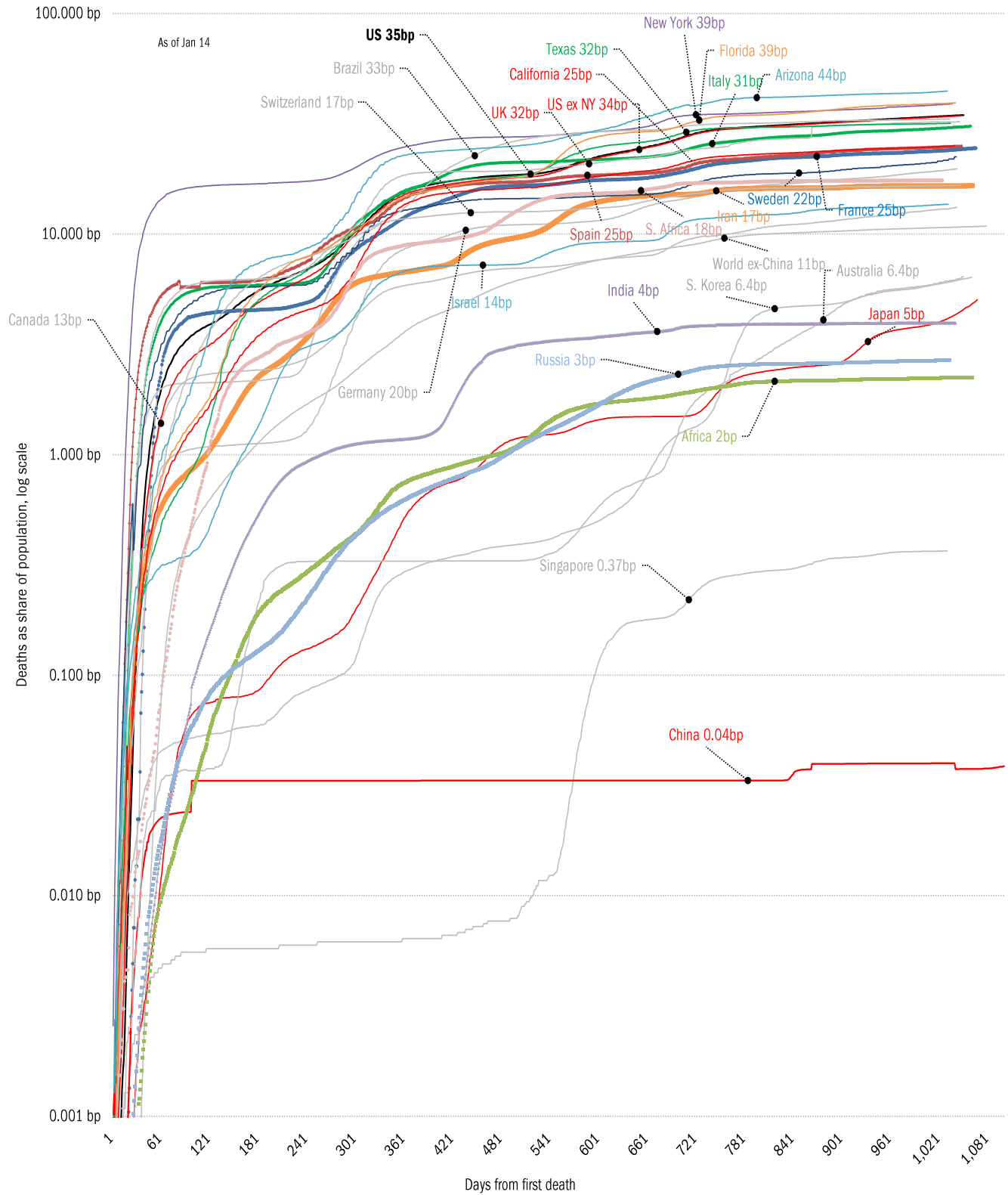
The global coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

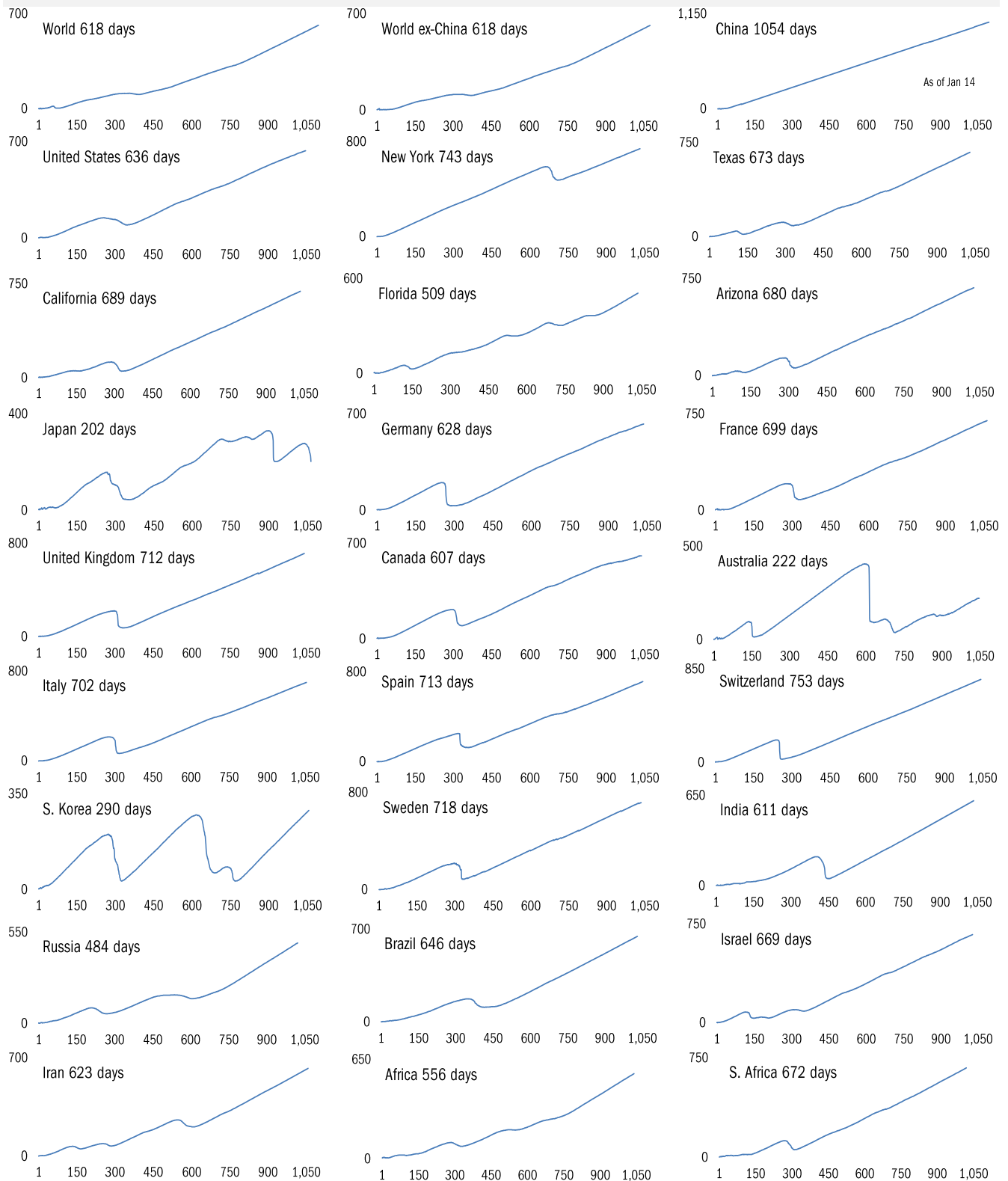


Source: [Johns Hopkins](#), TrendMacro calculations

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

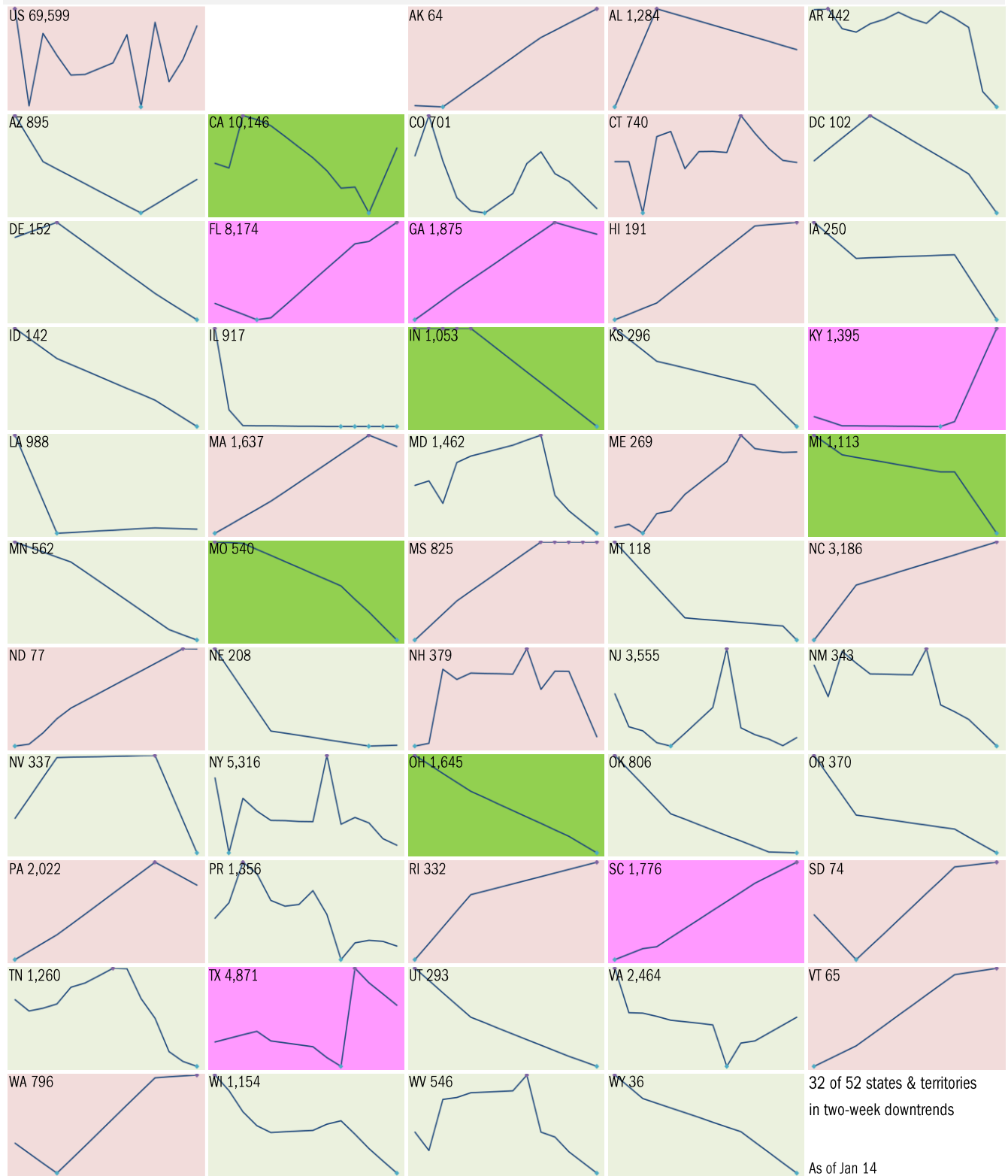


Source: [Johns Hopkins](#), TrendMacro calculations

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

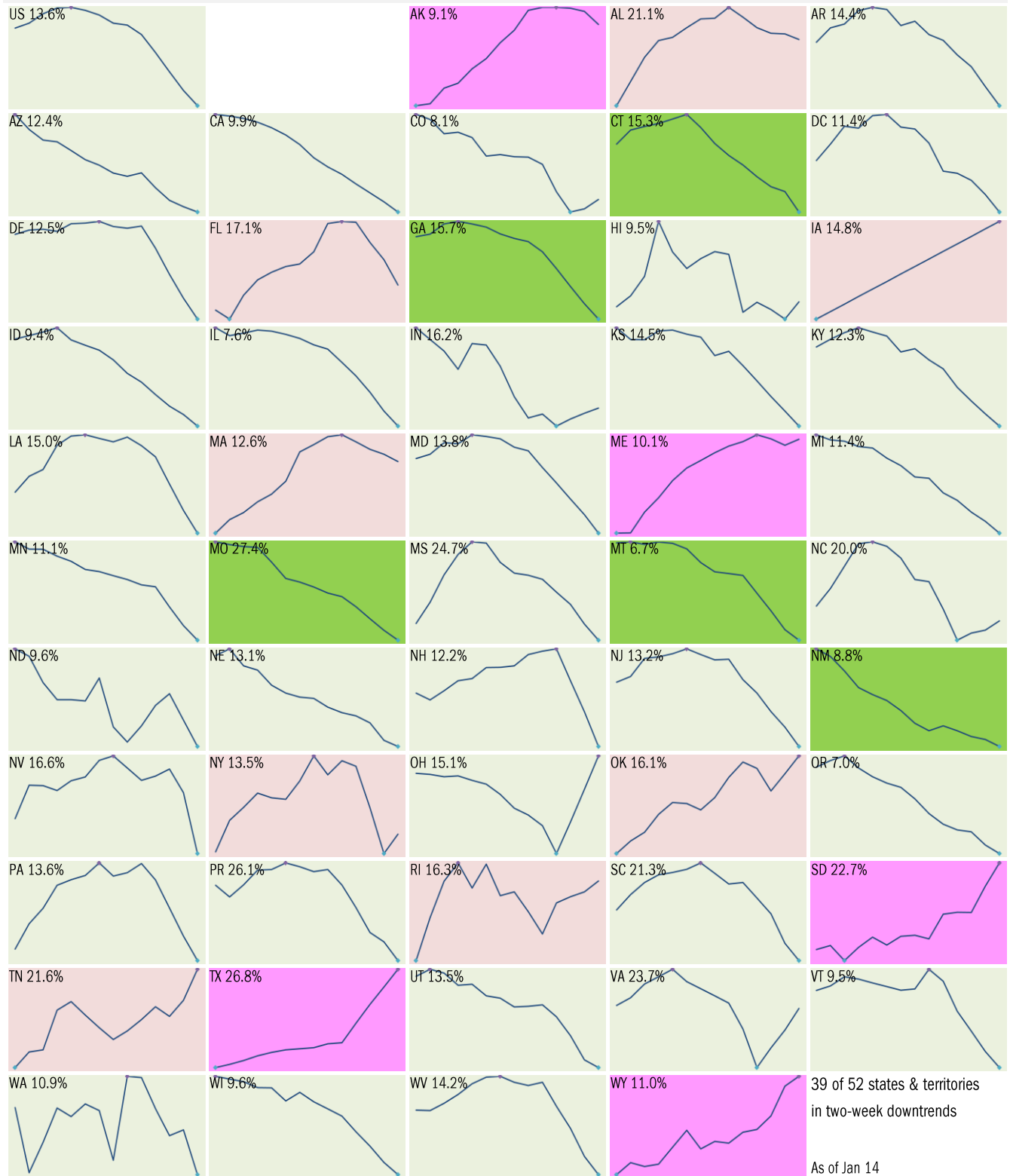


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

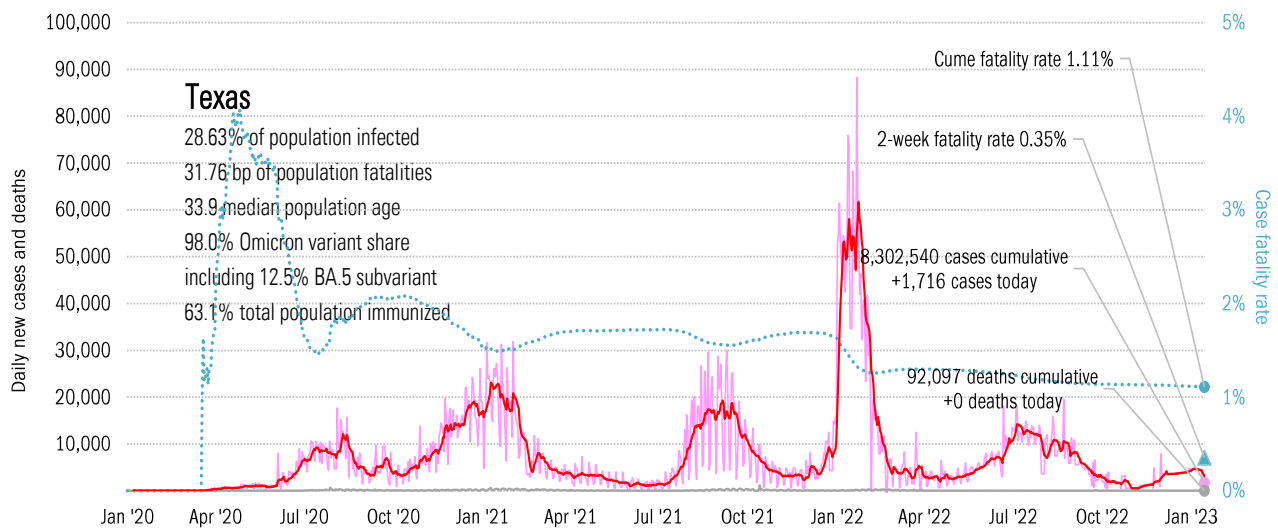
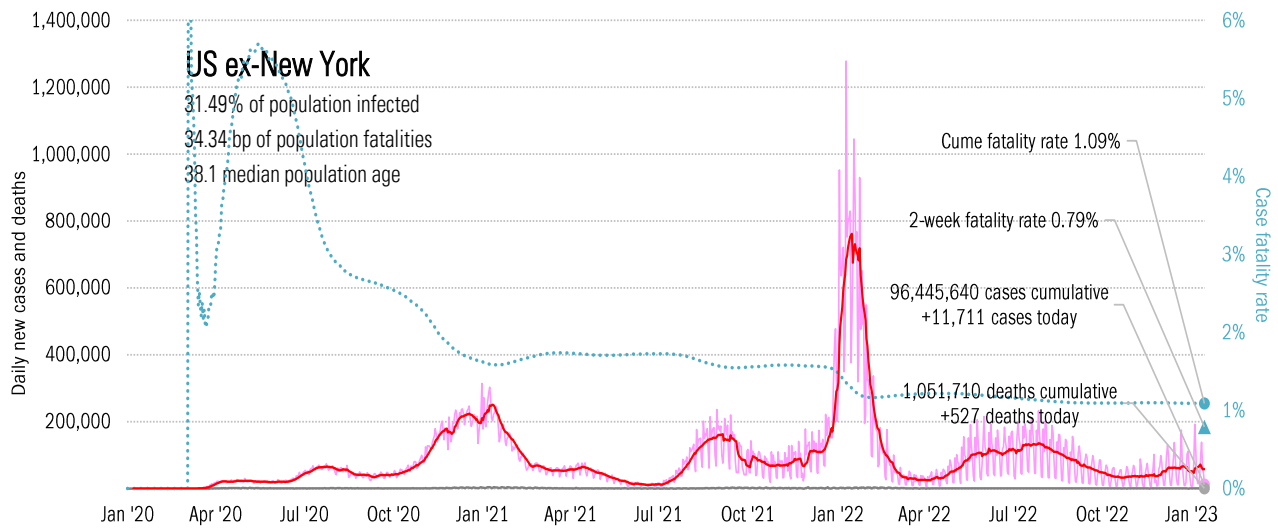
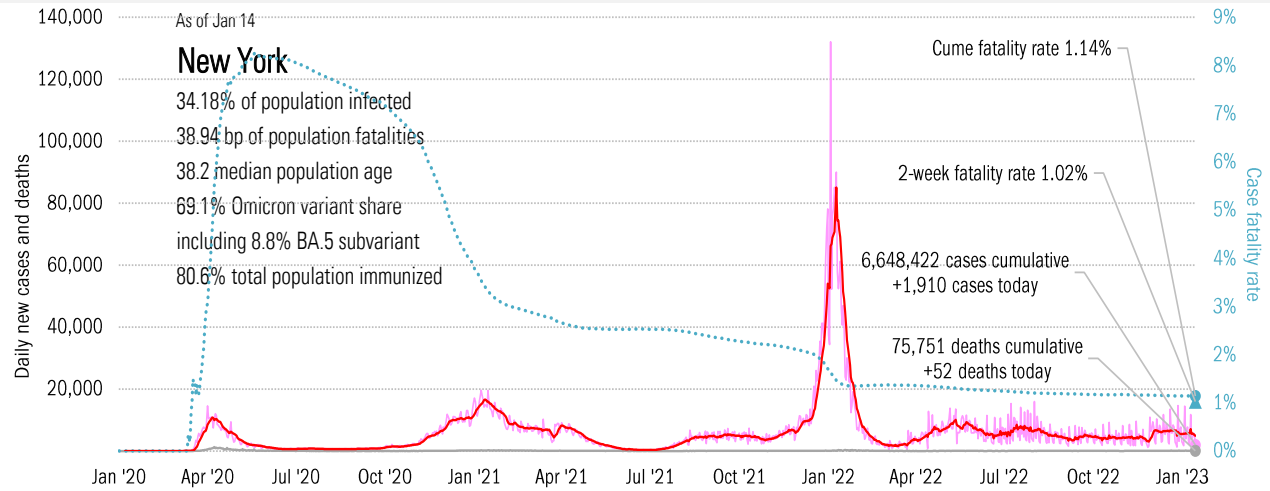
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

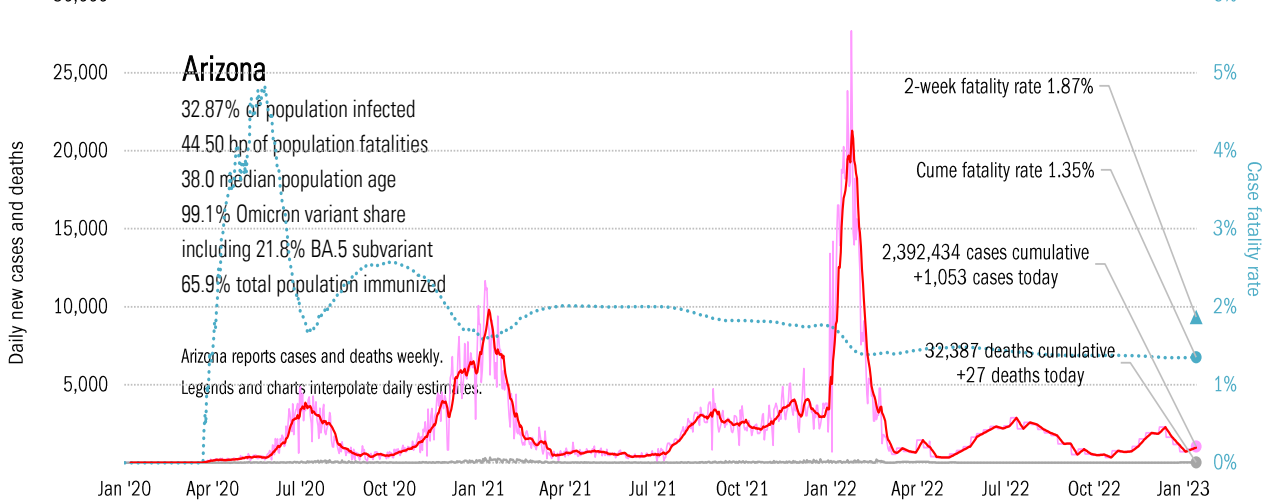
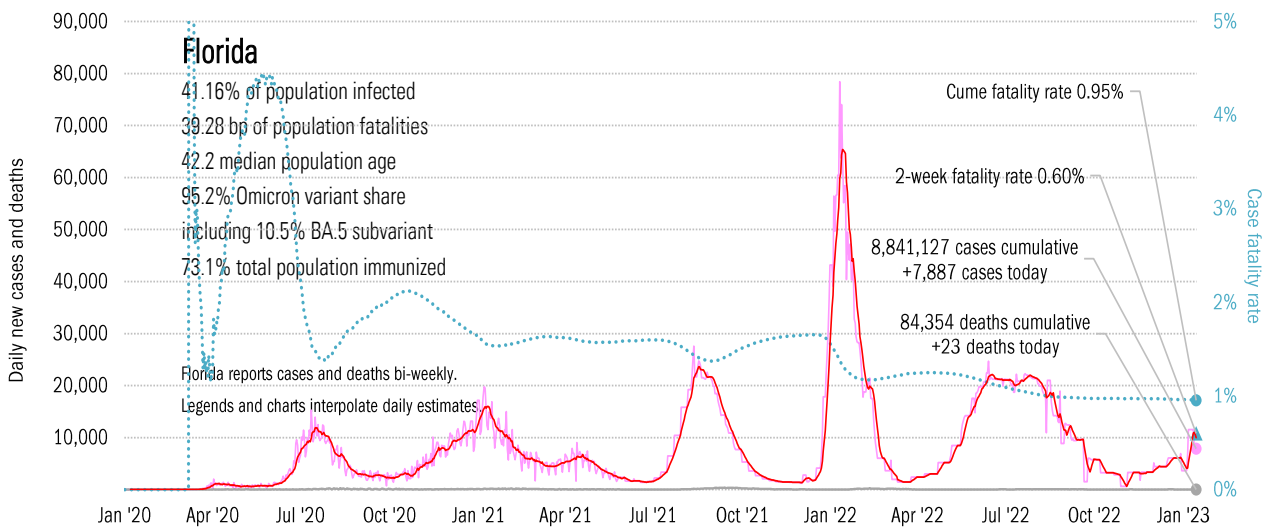
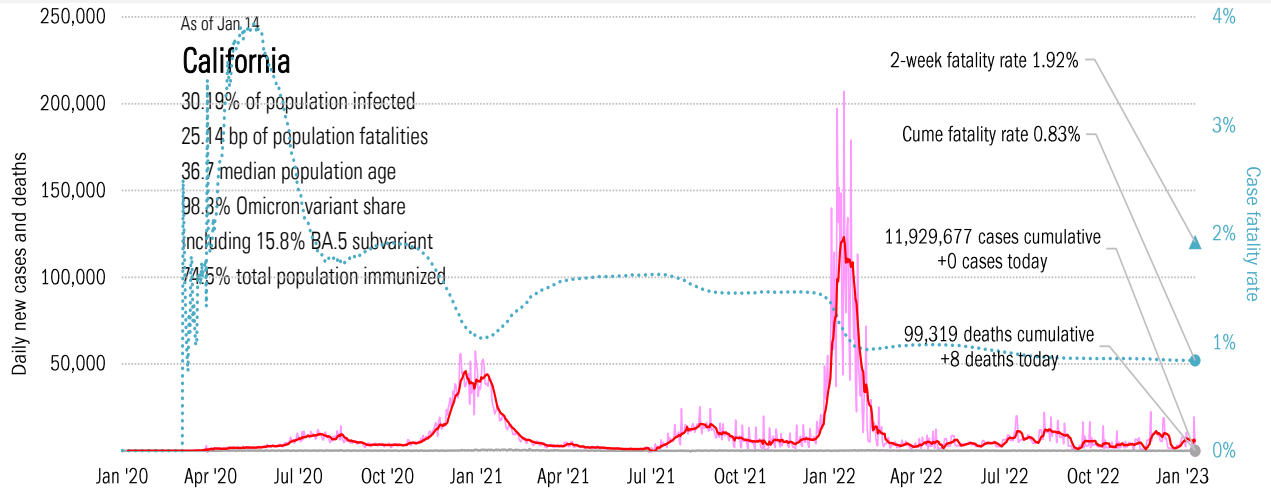
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

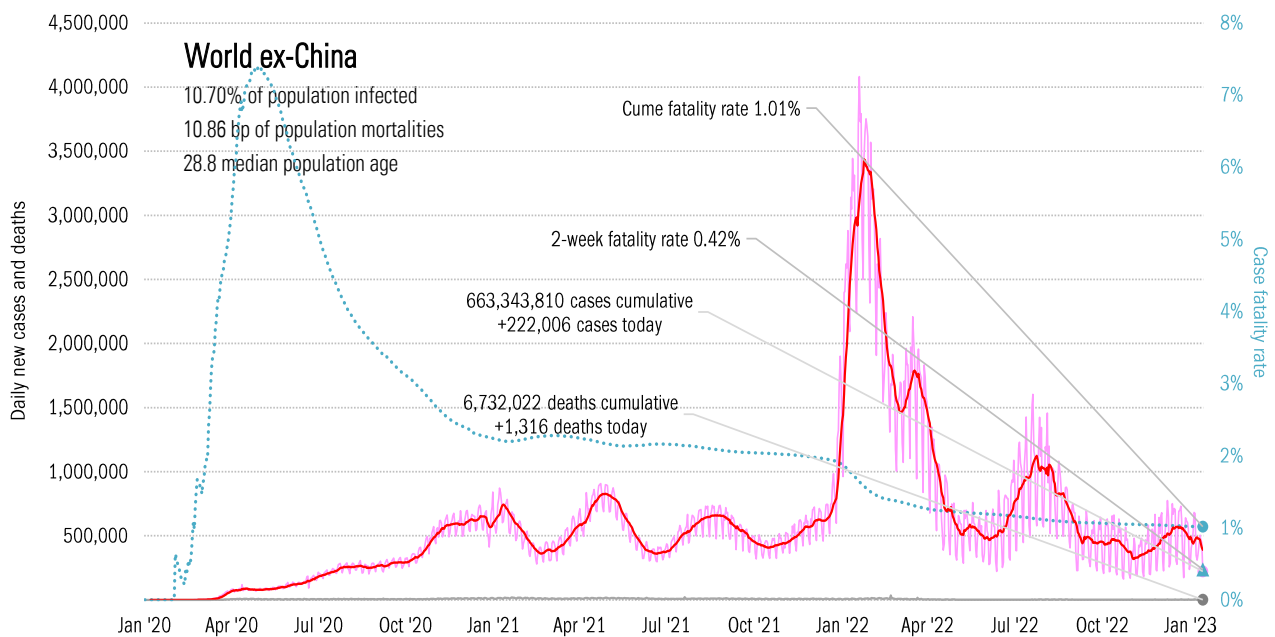
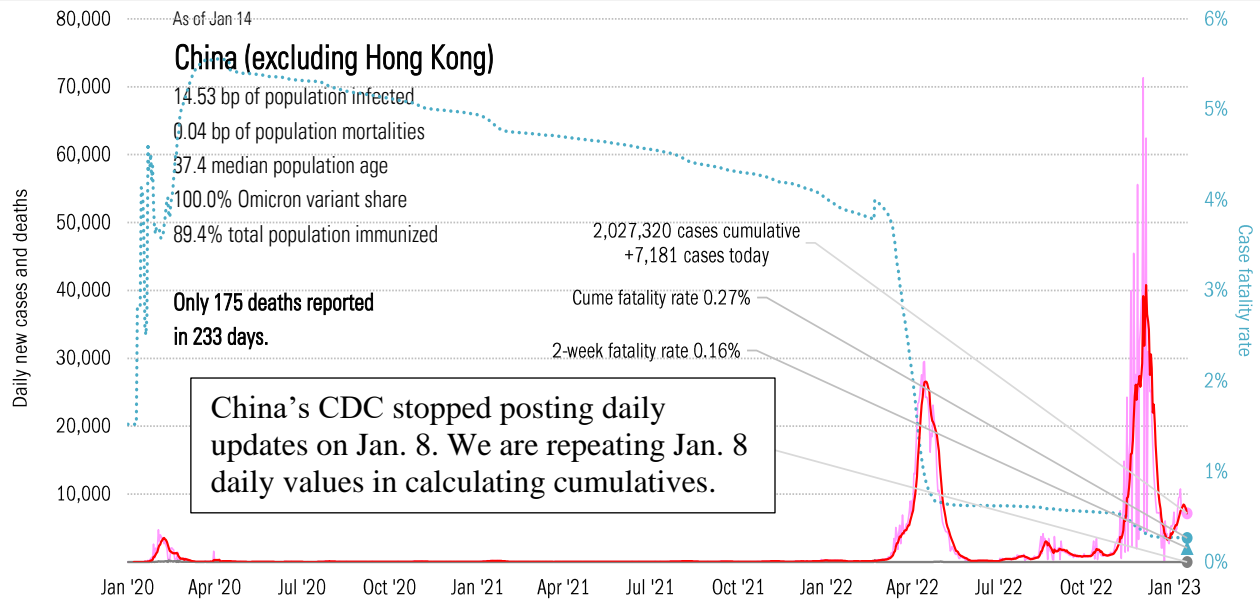
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

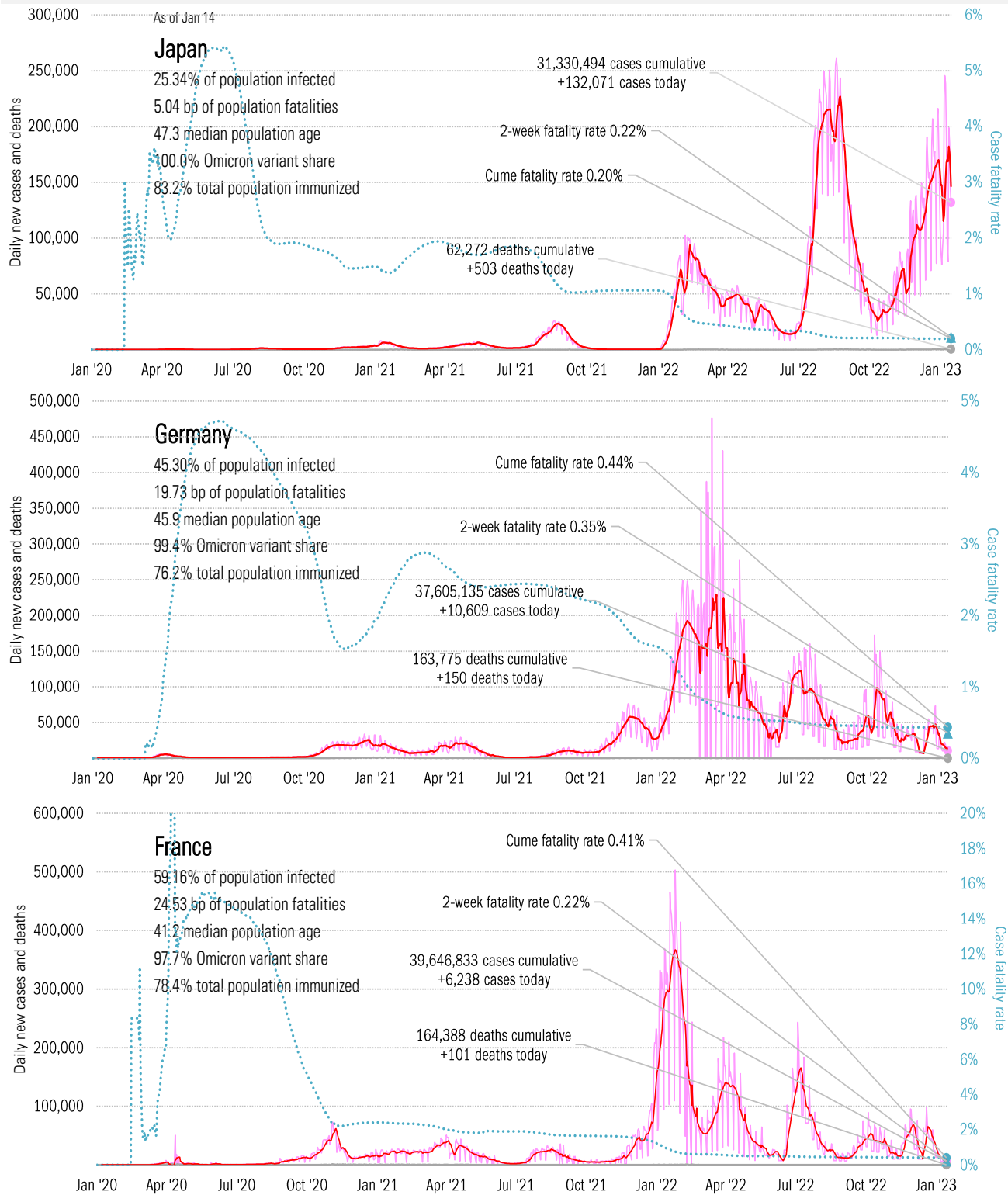
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

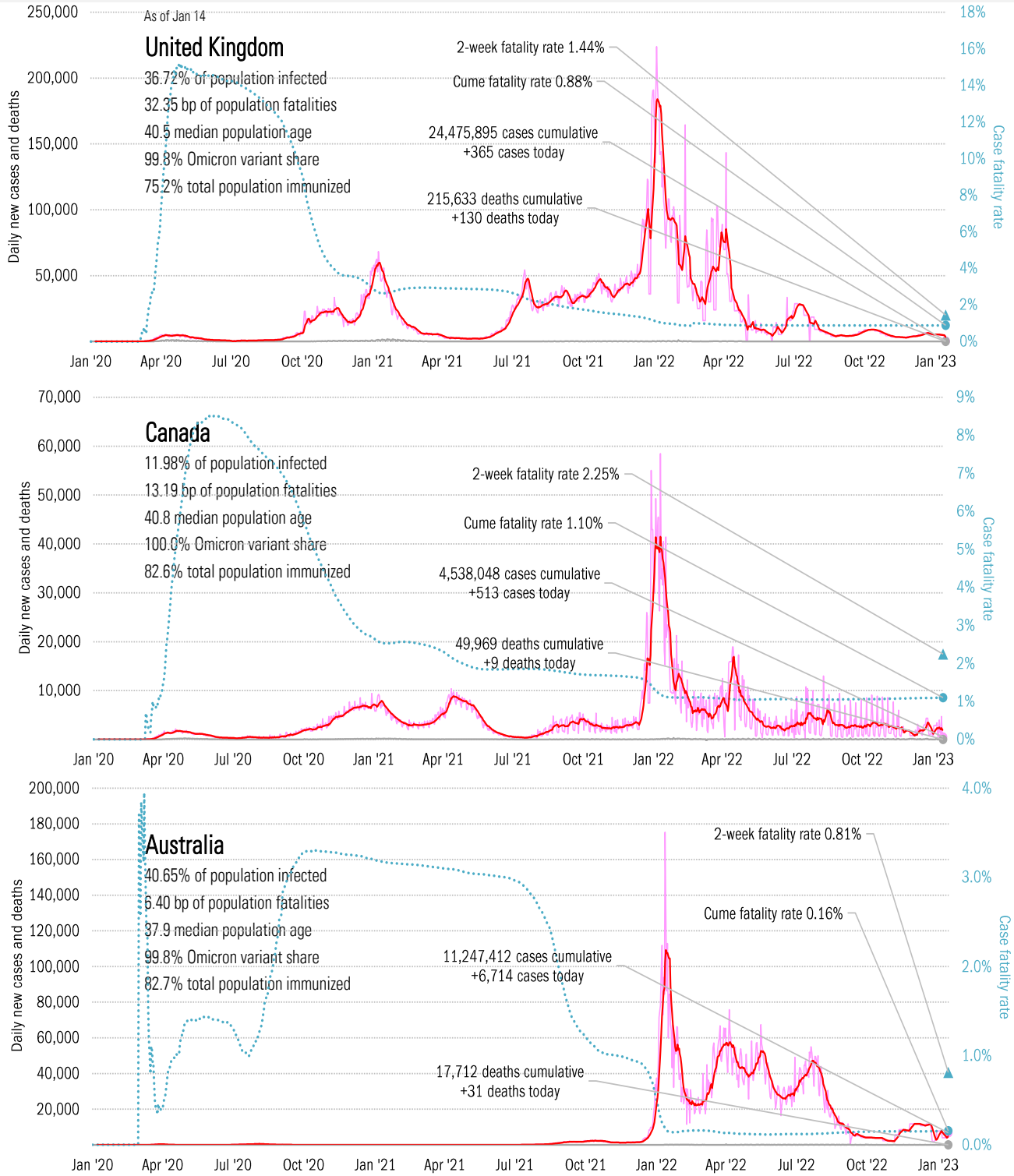
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

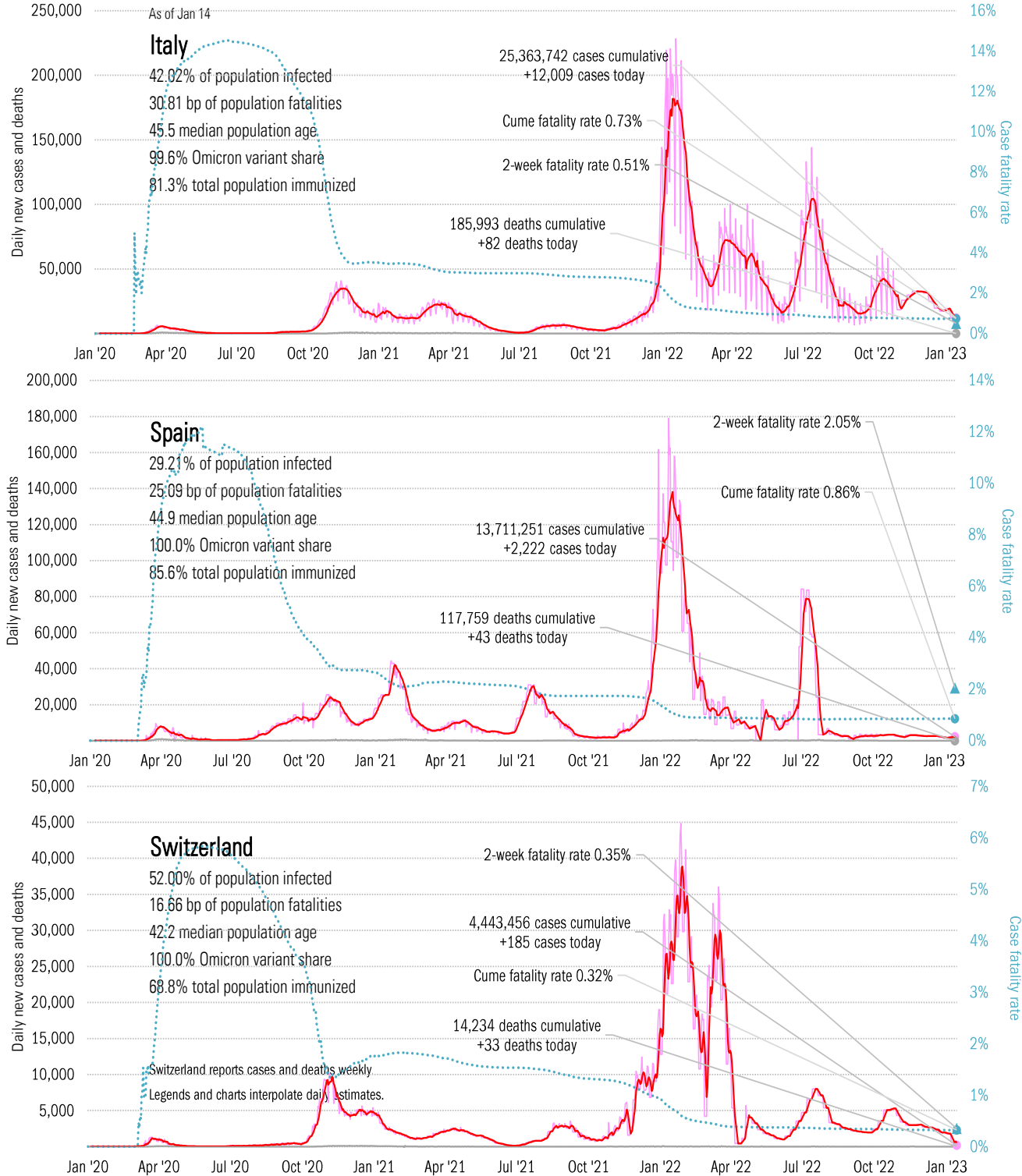
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

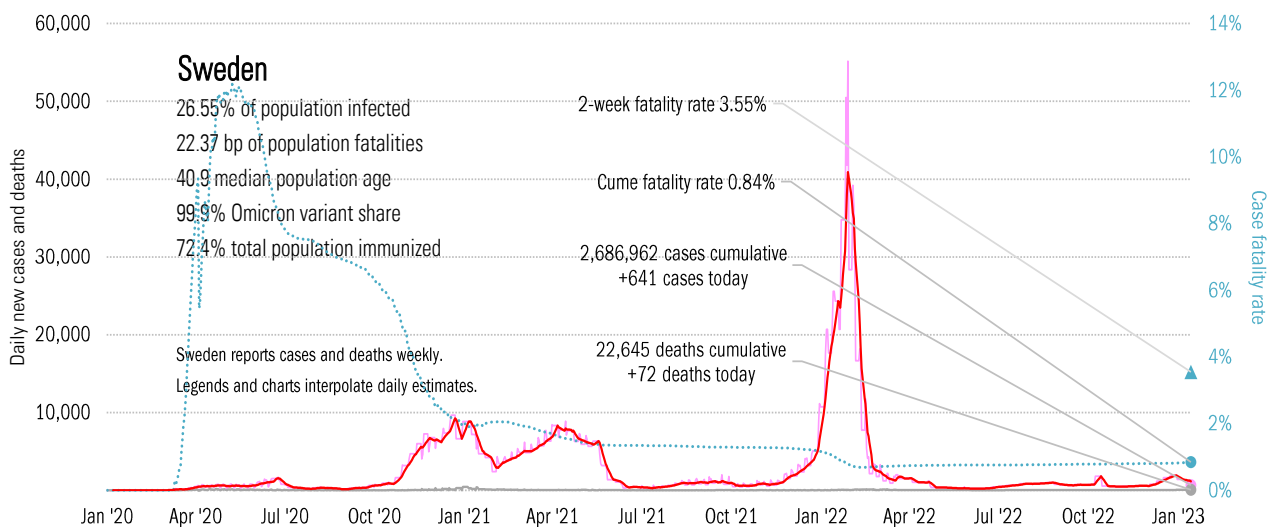
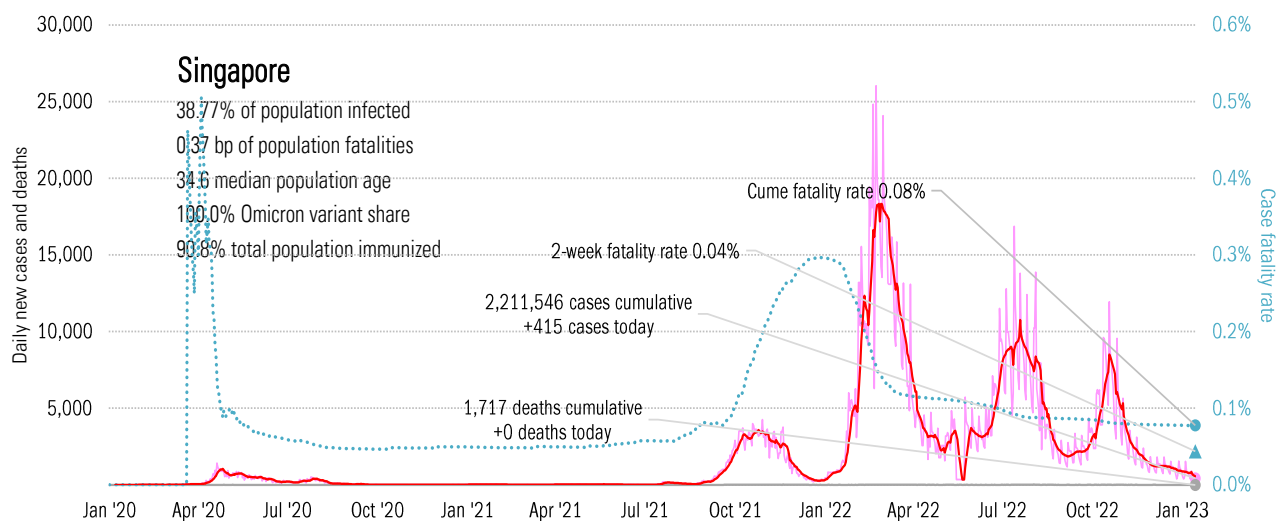
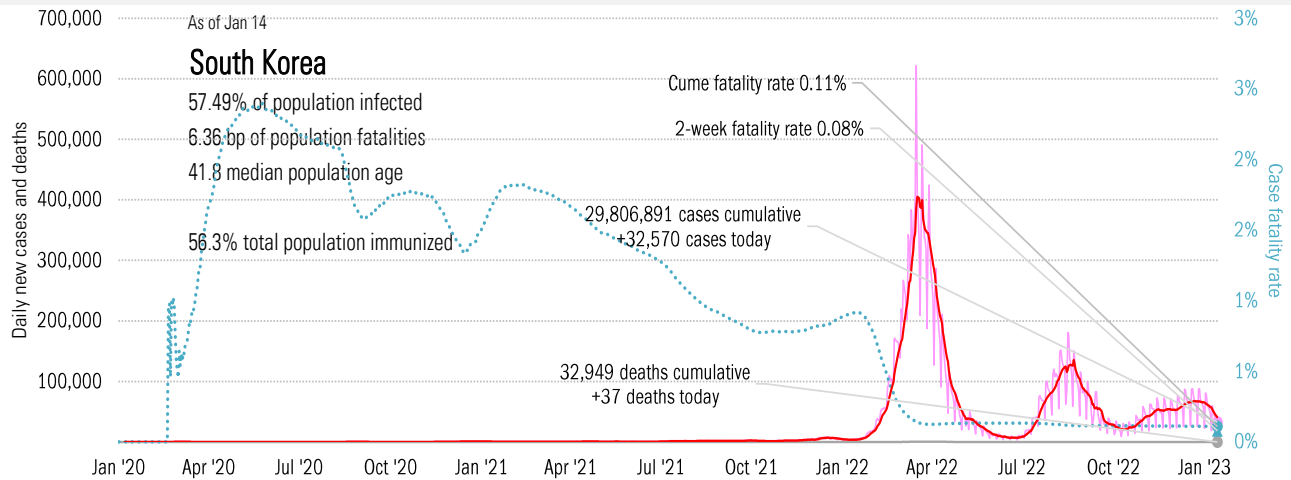
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

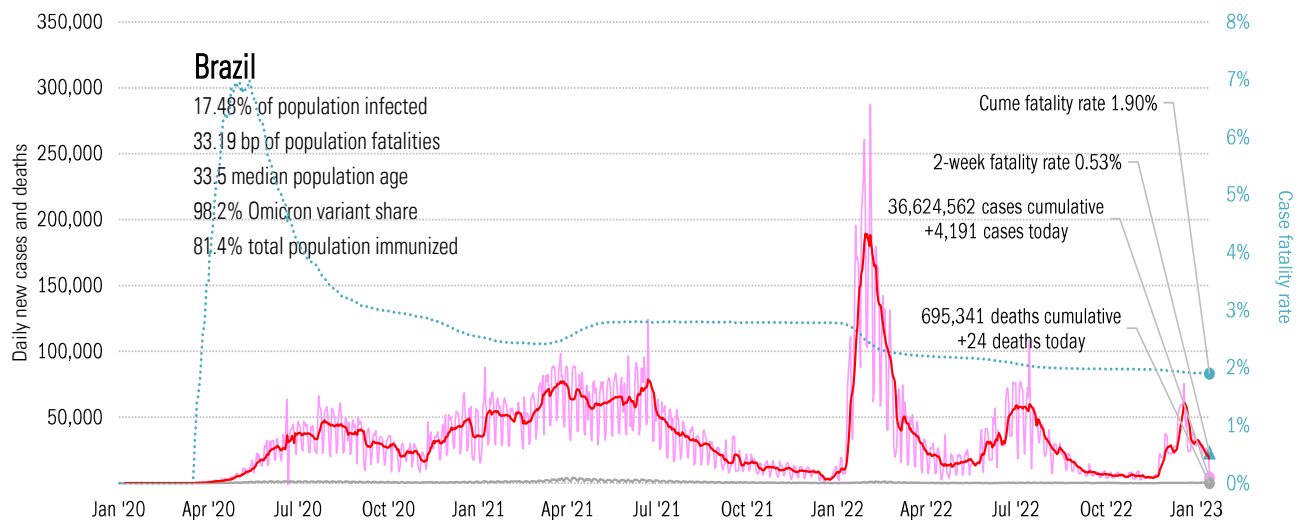
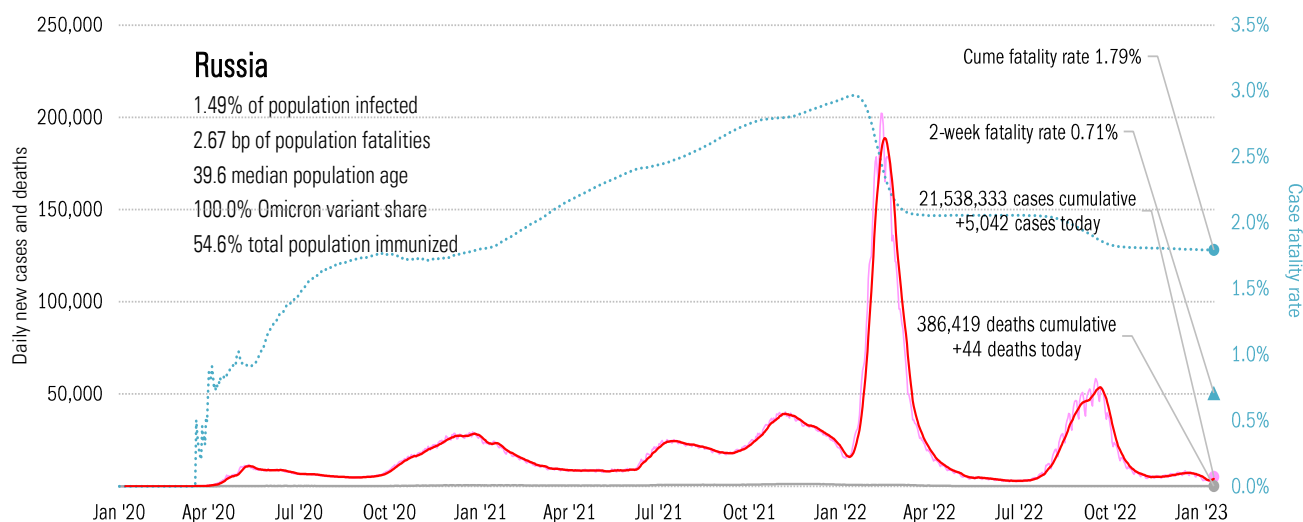
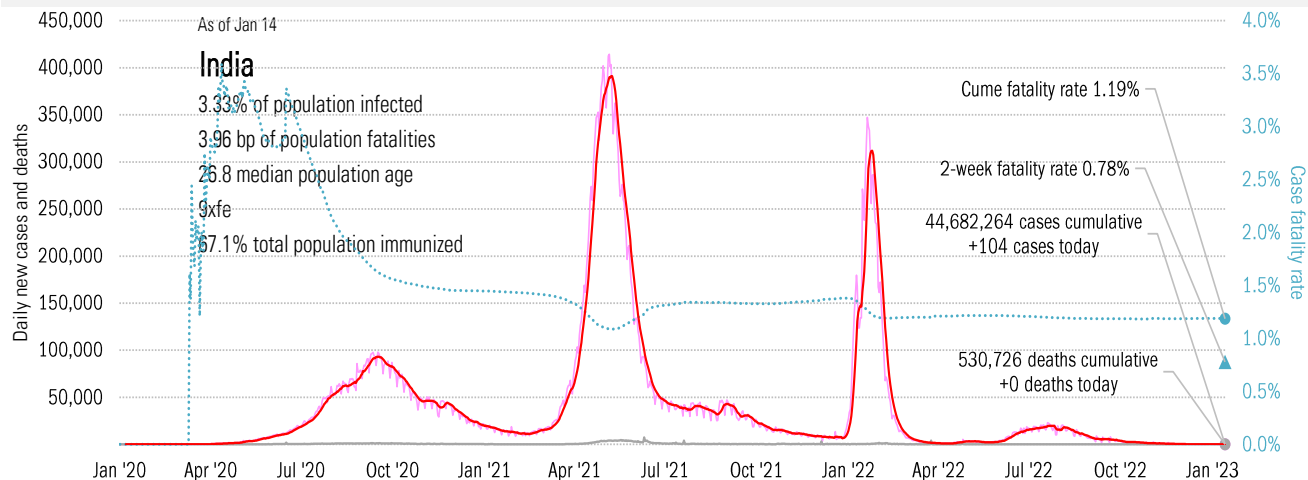
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

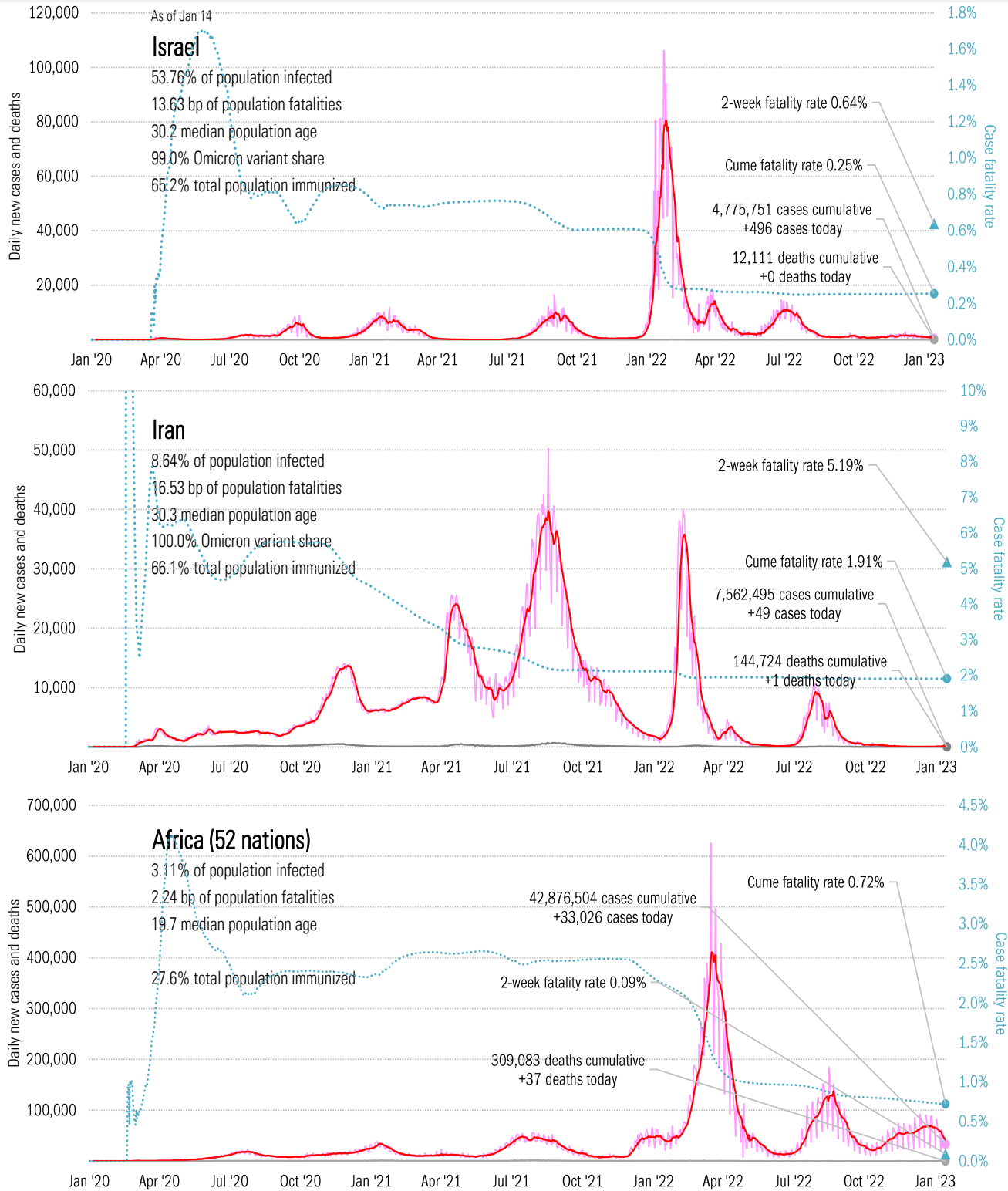
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

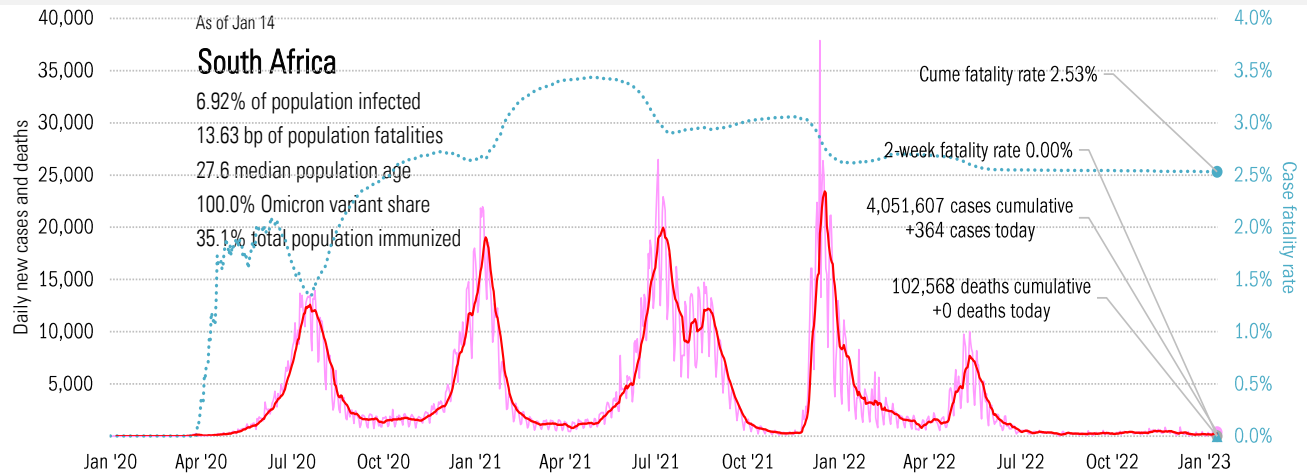
Cases: **7-day average** and **daily** Deaths: **Daily**



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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