

Data Insights: Covid-2019 Monitor

Tuesday, January 3, 2023

The global scorecard

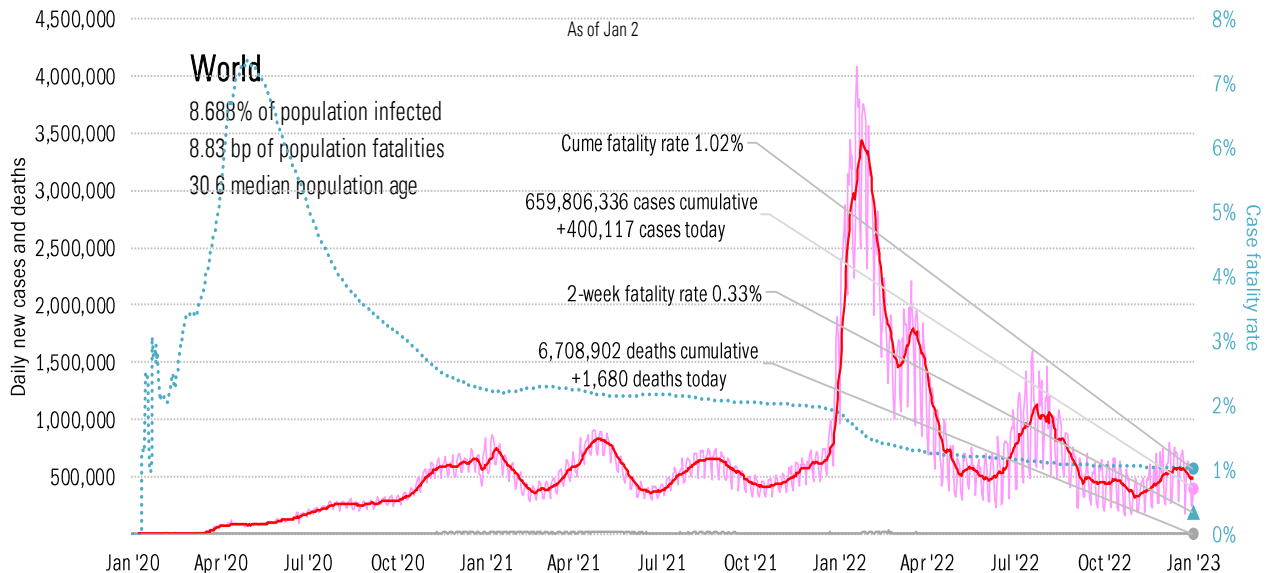
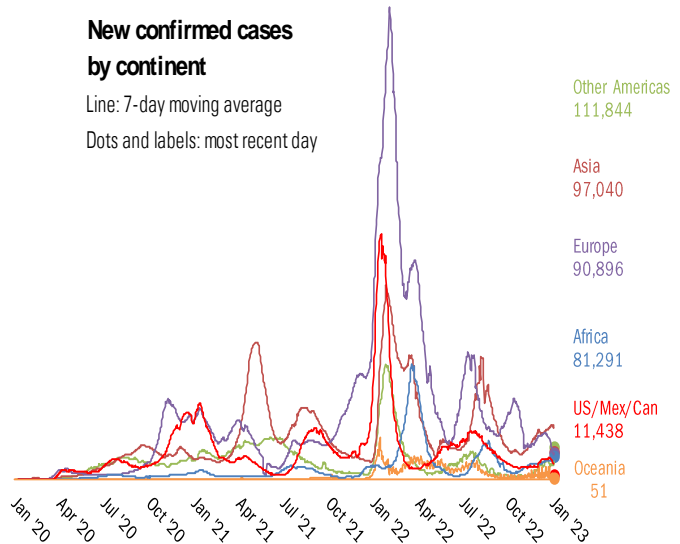
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Korea, South	81,056	United States	351
Japan	76,264	Japan	208
Argentina	72,558	Brazil	128
United States	56,712	Italy	101
Brazil	31,085	France	84
Italy	17,443	Germany	83
Taiwan*	16,600	Argentina	47
Germany	13,594	Russia	42
France	13,029	Romania	34
Uruguay	8,173	Korea, South	29
386,514		1,107	

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 2121 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

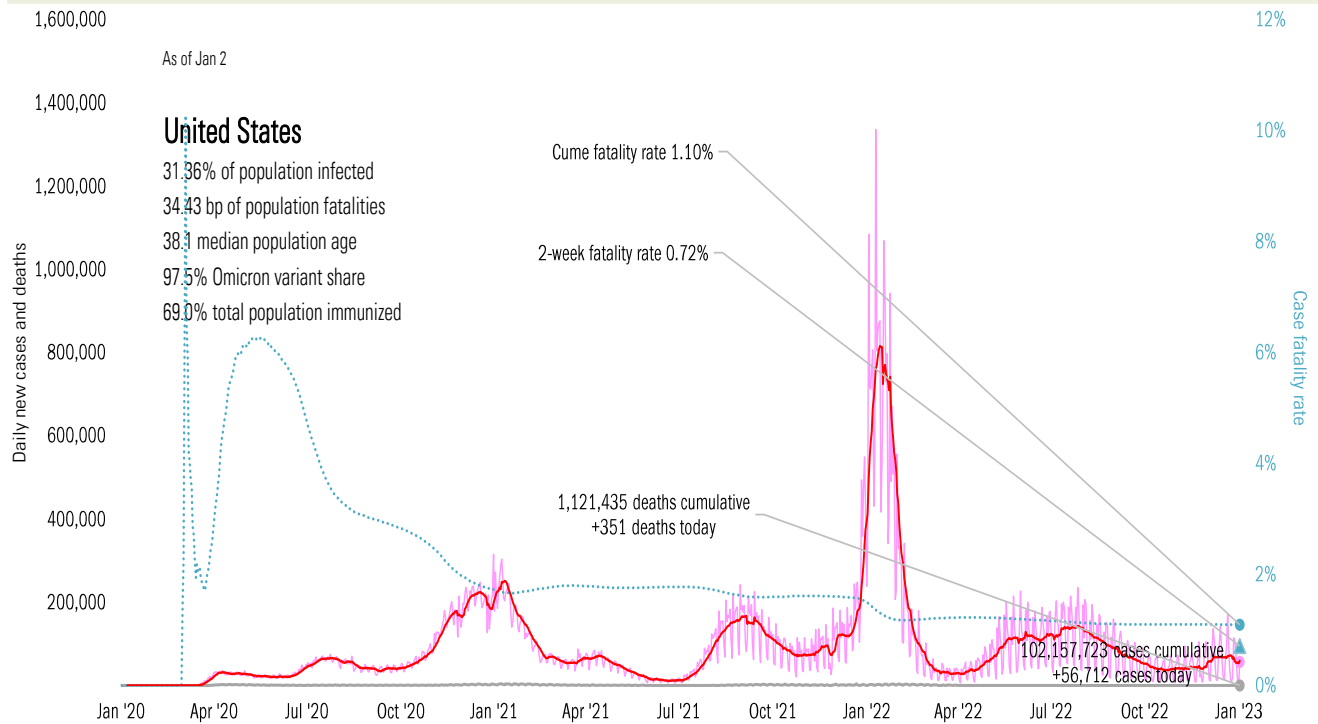
The ten worst US states

New cases			New deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use	
CA	9,012		NY	61		CA	798		CA	11,829,499		CA	98,637		TX	569,947		DE	87%	NM	94%
NJ	3,654		NV	46		NY	488		TX	8,227,889		TX	91,818		CA	543,775		WA	87%	TX	88%
FL	3,649		FL	43		TX	543		FL	7,338,503		FL	83,906		FL	514,776		MA	86%	AL	88%
IL	3,288		NJ	24		GA	271		NY	6,578,006		NY	75,139		NY	336,612		AK	86%	NC	87%
VA	2,435		CA	21		FL	397		IL	3,969,832		PA	48,892		CH	236,430		RI	85%	MA	86%
NC	2,382		IL	21		MA	224		PA	3,416,848		GA	41,417		GA	234,998		NH	85%	AK	86%
WI	2,198		AZ	21		PA	232		NC	3,316,814		CH	40,928		PA	220,948		MN	84%	VT	85%
TN	1,913		TX	21		NC	237		CH	3,307,568		MI	40,767		IL	204,517		MO	84%	MS	85%
CH	1,864		MD	14		VA	181		MI	2,988,654		IL	40,678		MI	175,351		NC	83%	NH	84%
NY	1,739		PA	13		CH	280		GA	2,985,193		NJ	35,510		NJ	153,704		MD	83%	CK	83%
32,134			284			3,651			53,958,806			597,692			3,191,058						
All states	56,712		351		6,210		All states	102,157,723		1,121,435		5,792,077		All states	70%		67%				
Top ten	57%		81%		59%		Top ten	54%		55%		55%		Median	77%		78%				

Some states not reporting

Five most improved US states

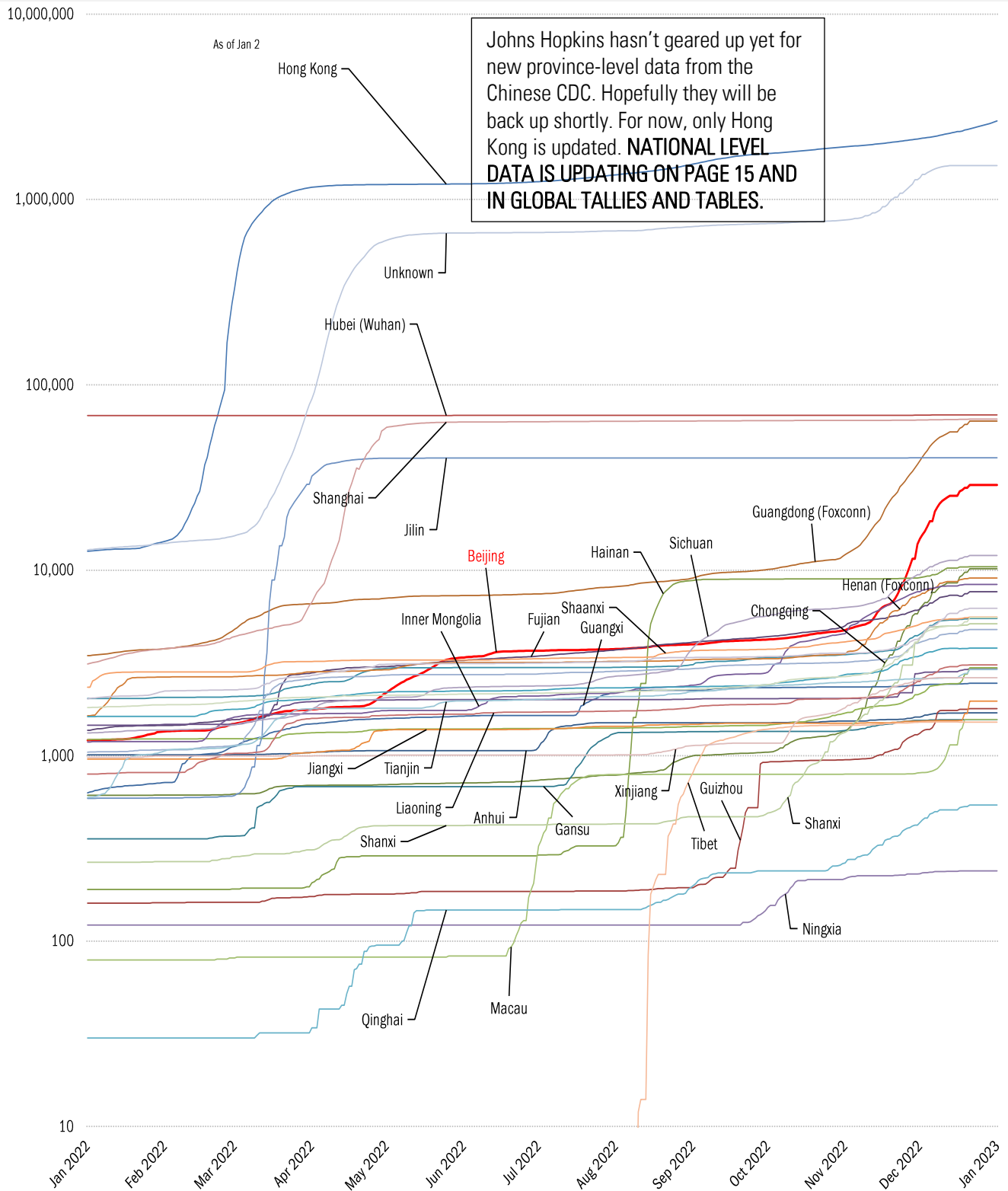
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
PA	-1,035	AK	0	KY	-55
NY	-524	AL	0	CT	-34
AR	-56	AR	0	OR	-28
CT	-44	AZ	0	NM	-25
AK	0	CA	0	NV	-19



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"

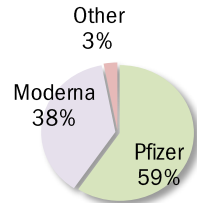


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	680,393,511		+0.244 million		US	69.0%	80.8%
			Of which boosters: +0.214 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	276,758,611	83%	235,944,128	71%	+0.021 million	Spain	85.5%
Age 12 to 17	18,413,123	73%	15,763,488	62%	+0.001 million	Germany	76.2%
Age 18 to 64	184,058,504	90%	156,476,533	77%	+0.013 million	Italy	81.3%
Age 65 and over	60,960,848	100%	53,388,685	97%	+0.004 million	Australia	82.7%
						Israel	65.2%
						Canada	82.5%
						Japan	83.2%
						Africa	27.5%
						India	67.1%
						Brazil	81.2%
						China	89.4%



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

AK	72.8%
	64.9%

"Immunity" = two doses

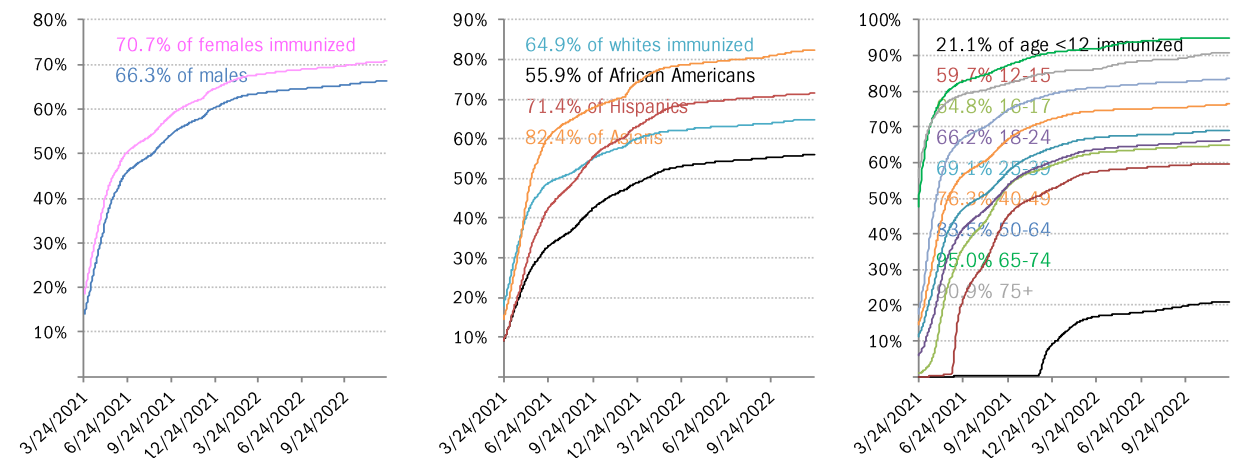
WI	74.9%
	68.0%

As of Dec 30

ME	95.0%
	83.0%

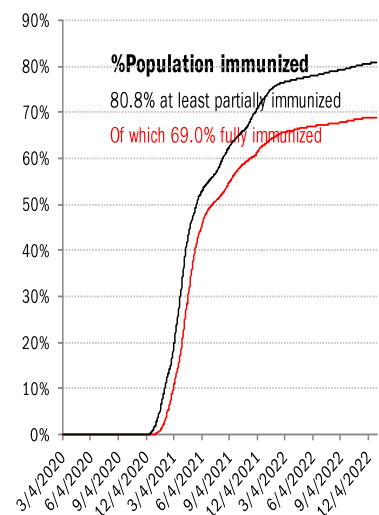
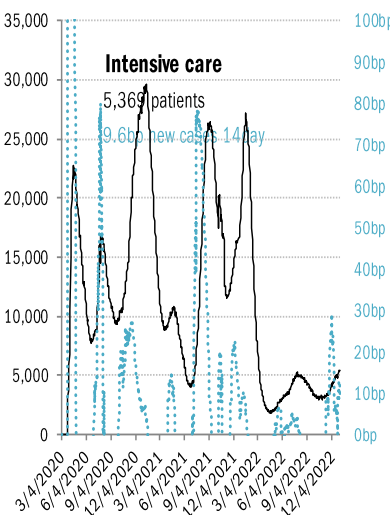
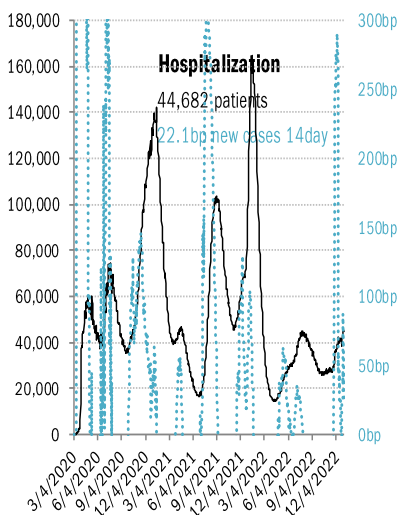
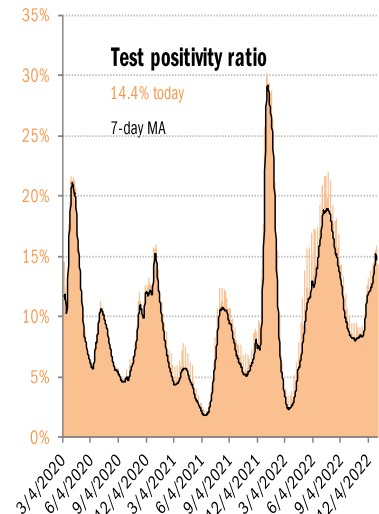
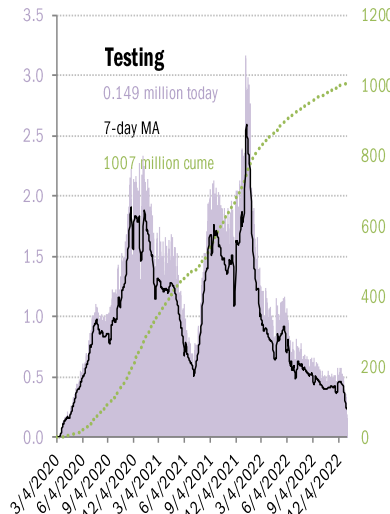
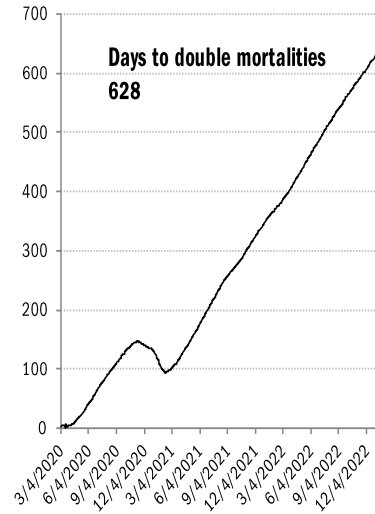
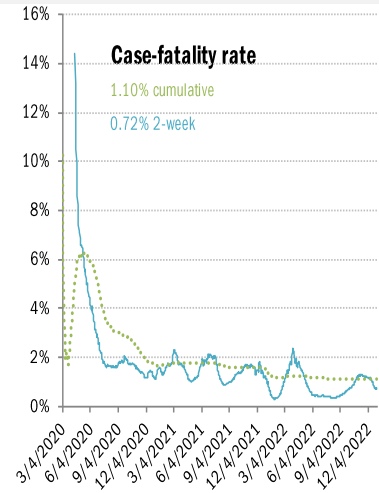
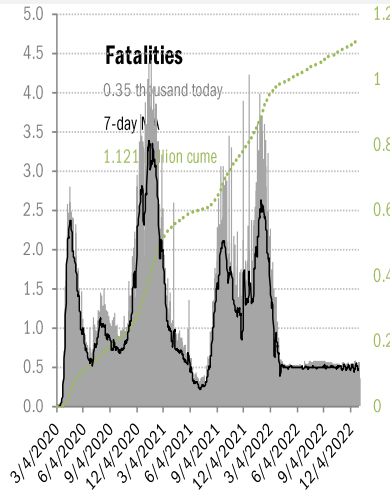
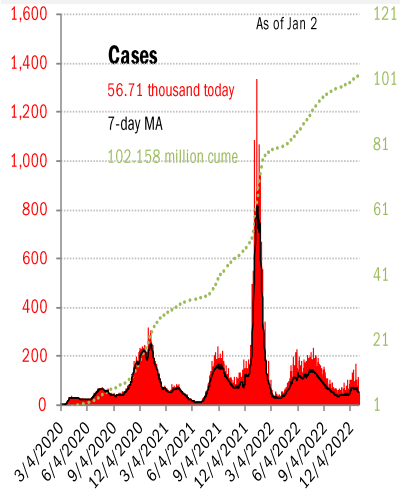
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
84.9%	63.7%	68.0%	69.1%	78.5%	78.9%	69.3%	94.1%	95.0%	87.5%	
75.7%	56.3%	59.0%	58.4%	71.9%	71.0%	62.2%	80.5%	85.3%	71.5%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.2%	77.3%	60.7%	83.4%	70.4%	64.2%	65.5%	90.1%	94.3%	95.0%	
72.1%	63.5%	52.9%	66.0%	64.2%	57.6%	60.3%	72.9%	78.8%	83.8%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.3%	75.0%	83.3%	73.1%	69.1%	68.6%	67.3%	90.6%	91.3%	95.0%	95.0%
74.4%	66.5%	73.2%	66.0%	58.8%	59.4%	59.6%	76.3%	79.4%	82.8%	87.4%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	77.1%	93.8%	75.9%	69.6%	64.3%	91.6%	70.7%	95.0%	87.7%	
	65.8%	74.9%	65.0%	56.7%	56.2%	66.8%	59.7%	85.3%	72.9%	
			OK	LA	MS	AL	GA			
			74.3%	62.7%	61.5%	64.8%	68.1%			
			60.2%	54.9%	53.6%	53.0%	57.1%			
			TX					FL		PR
			76.0%					82.1%		95.0%
			63.0%					69.2%		86.7%

The demographics of US vaccination

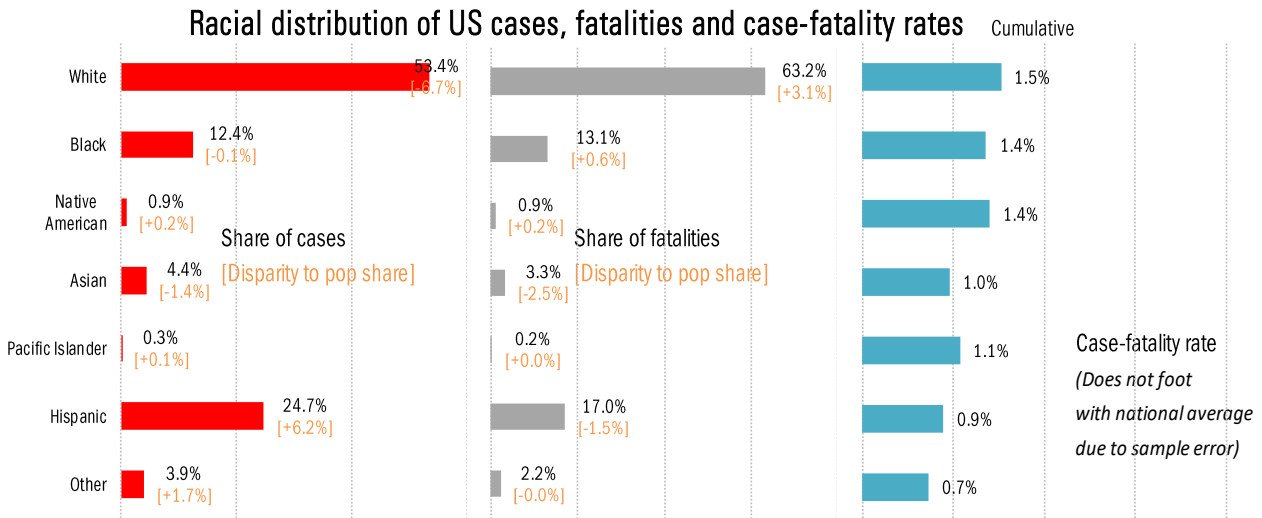
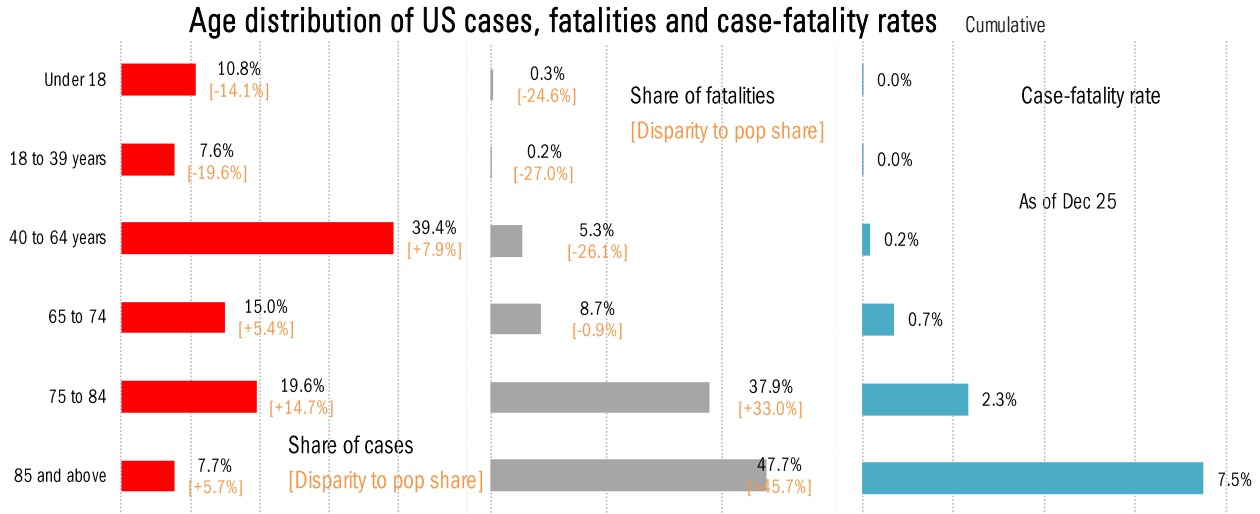


Source: CDC, CDC, Our World in Data, TrendMacro calculations

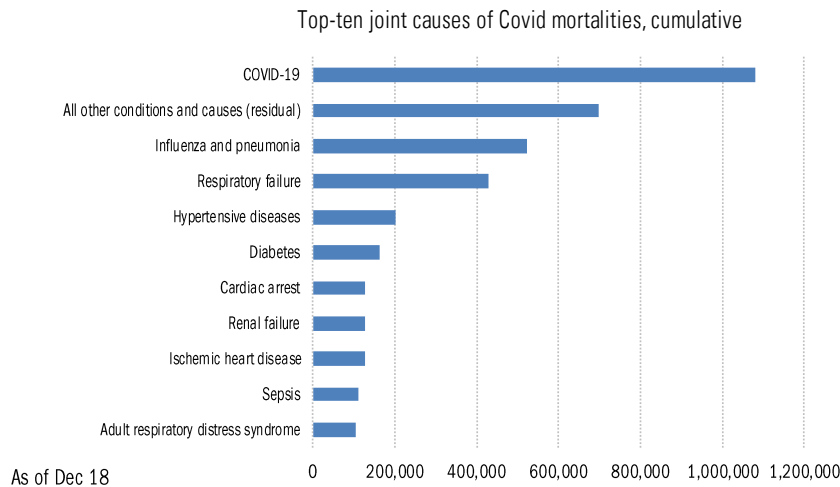
US deep-dive



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

[Damar Hamlin suffered a cardiac arrest and will not make a full recovery](#)

Steve Kirsch
Steve Kirsch's Newsletter
January 2, 2023

[The new omicron subvariant XBB.1.5: What you must know now](#)

Angelica Stabile
Fox News
January 2, 2023

[Something wicked this way comes \(and by something, I mean mRNA immune system dysregulation\)](#)

Alex Berenson
Unreported Truths
January 2, 2023

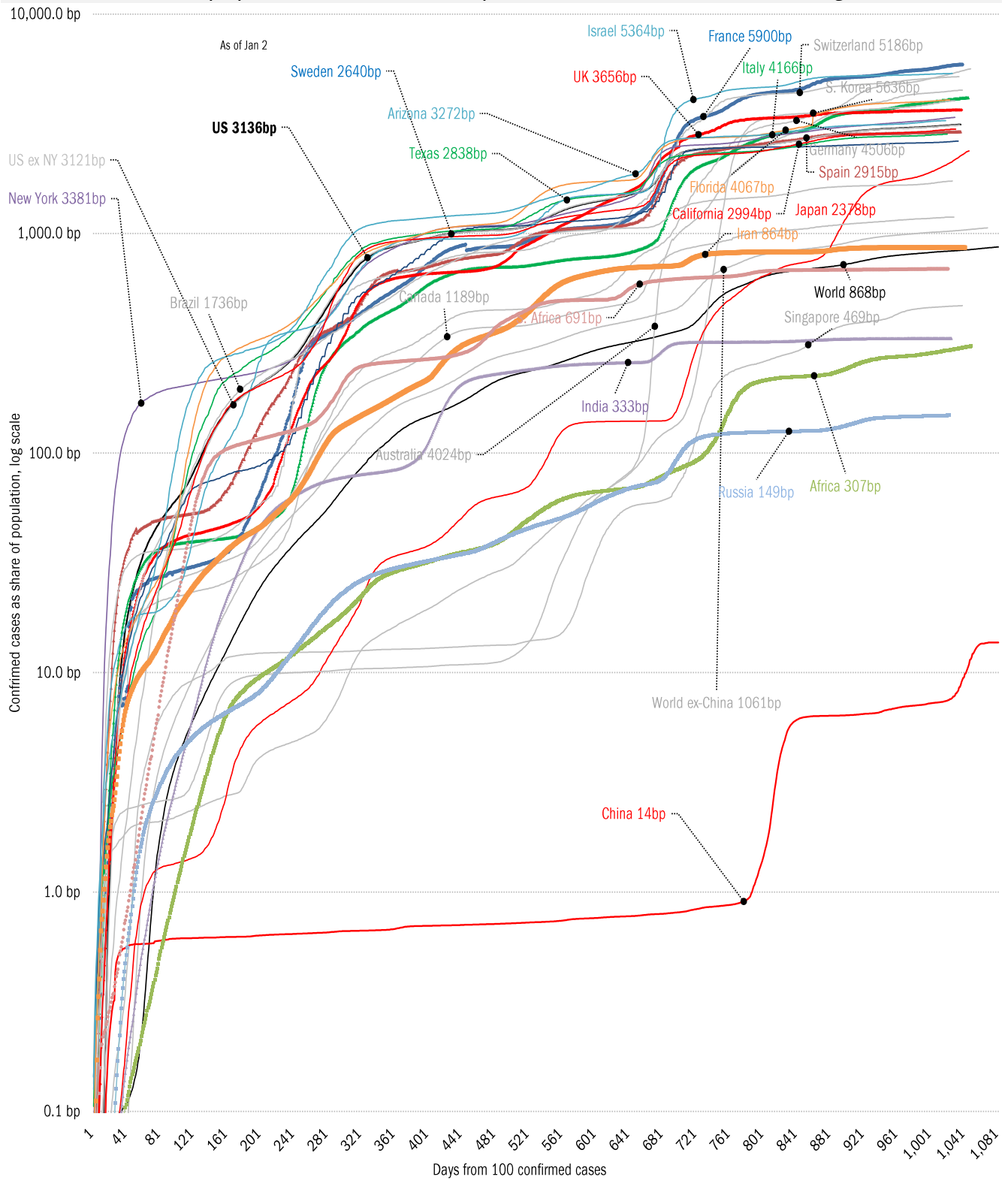
Meme of the Day



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

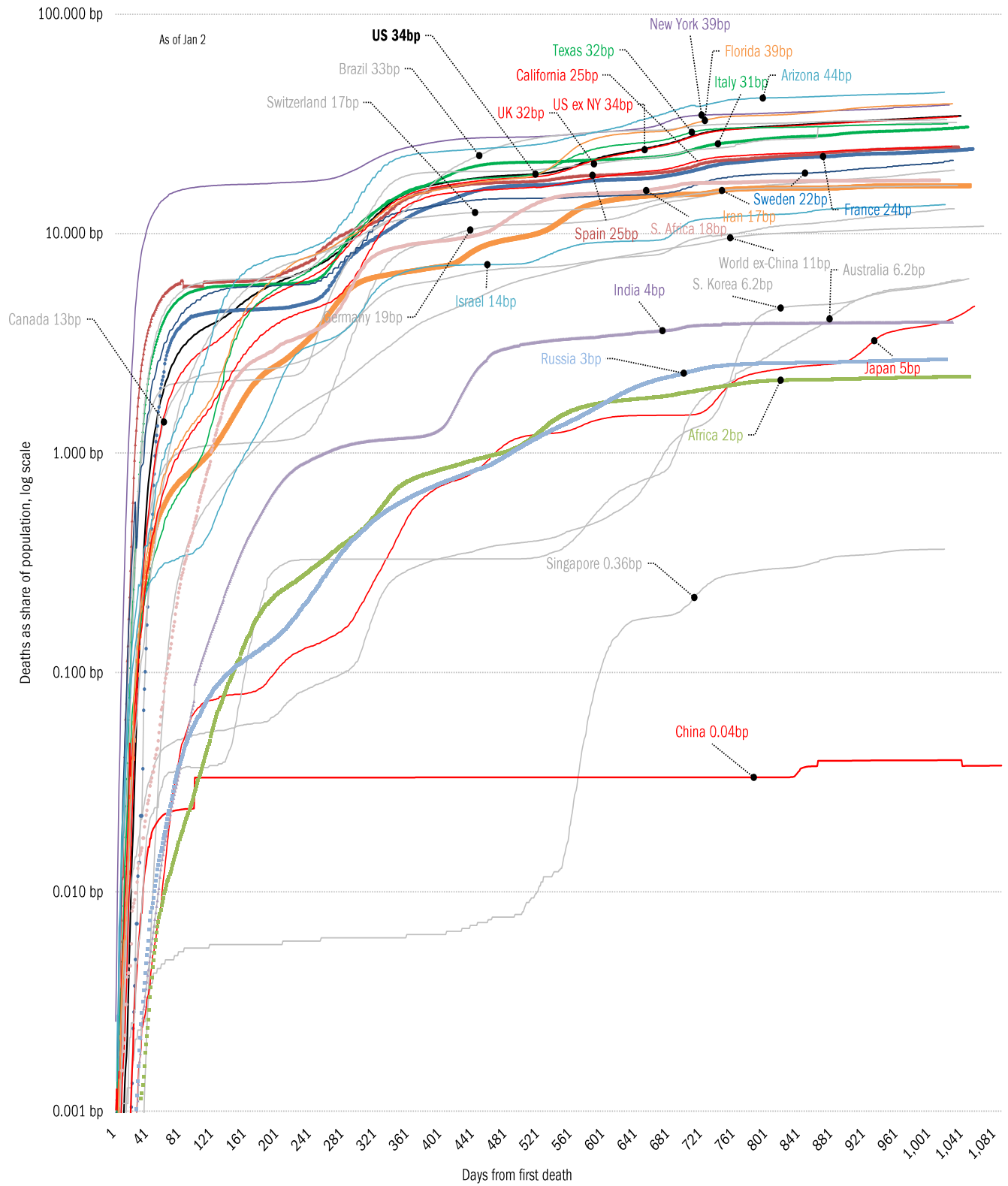
The global coronavirus case accelerometer... tracking the world's infection curves

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

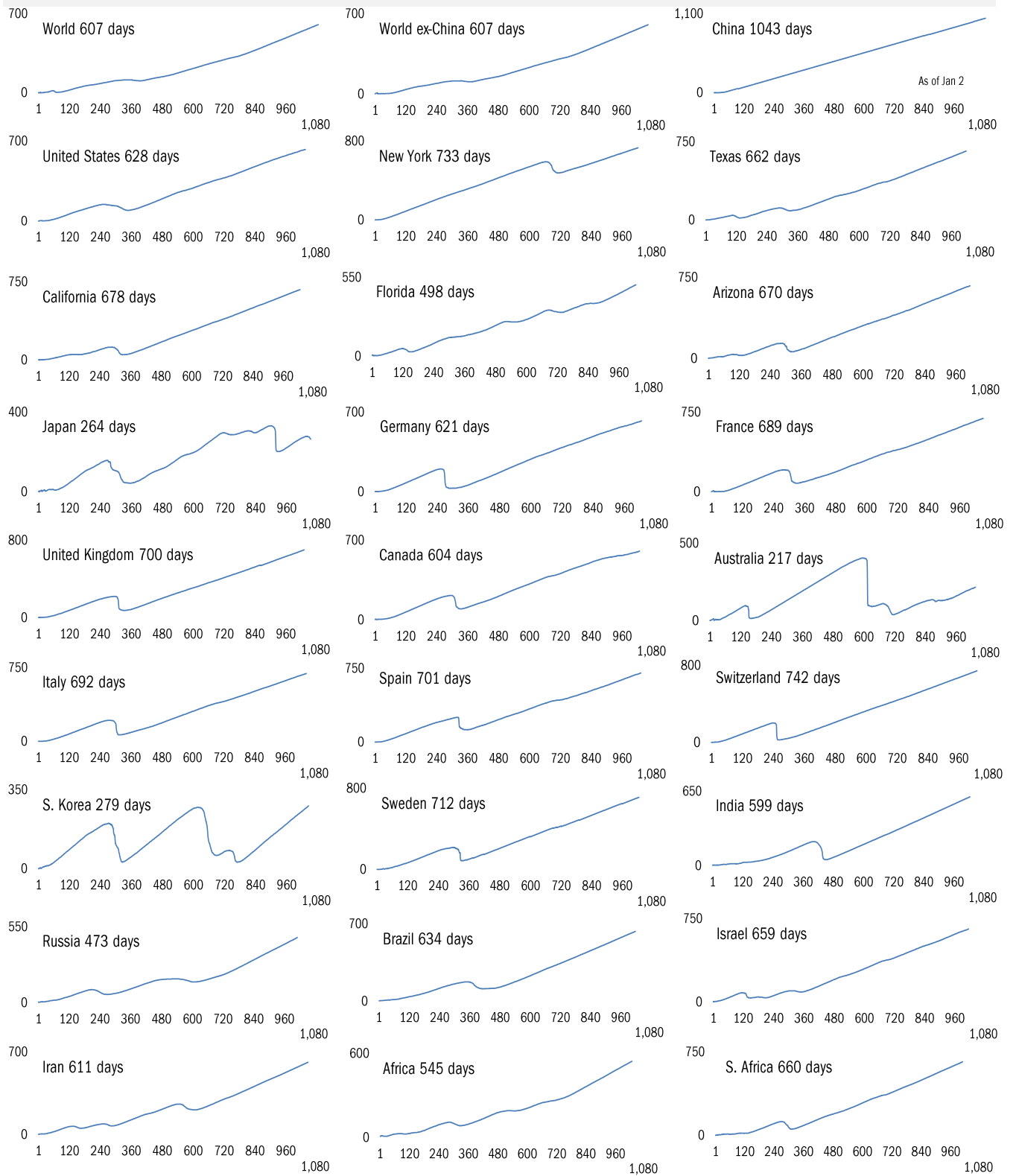


Source: [Johns Hopkins](#), TrendMacro calculations

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

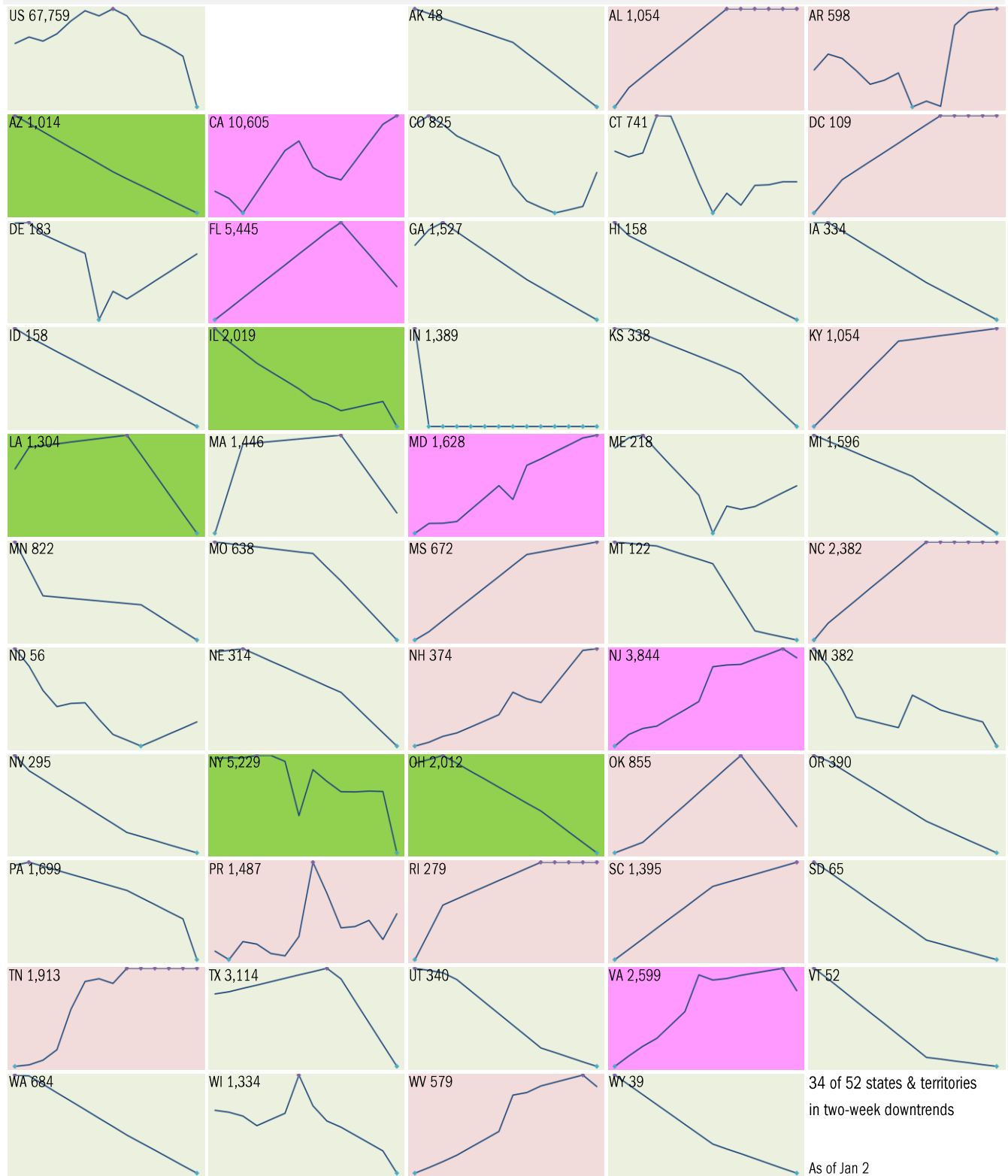


Source: [Johns Hopkins](#), TrendMacro calculations

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

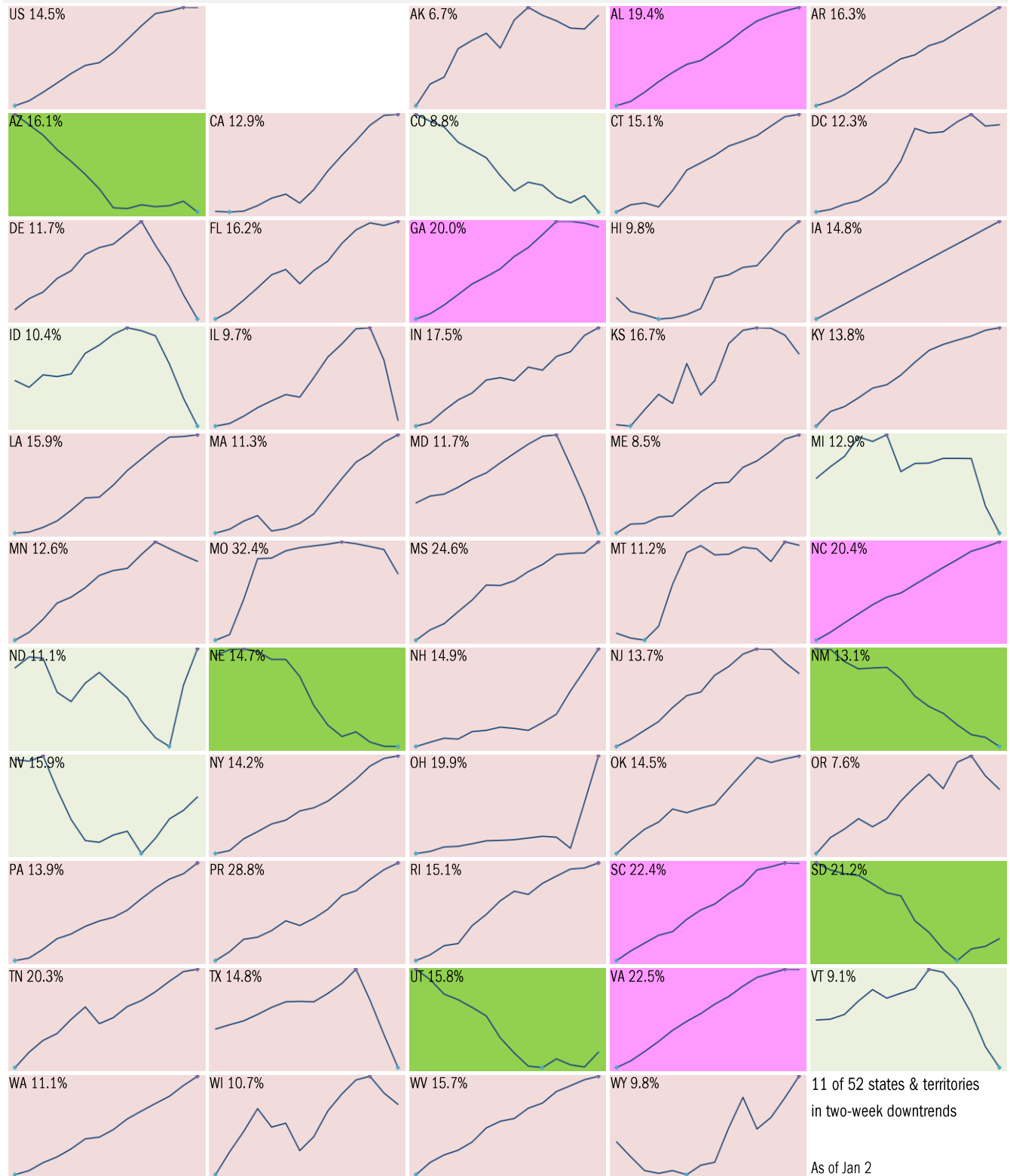


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

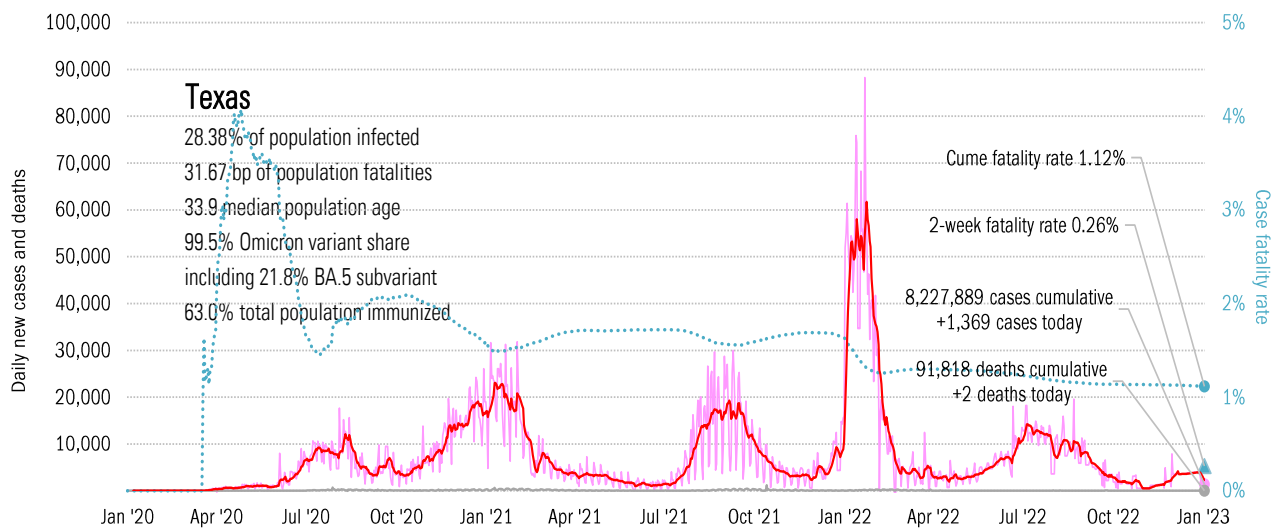
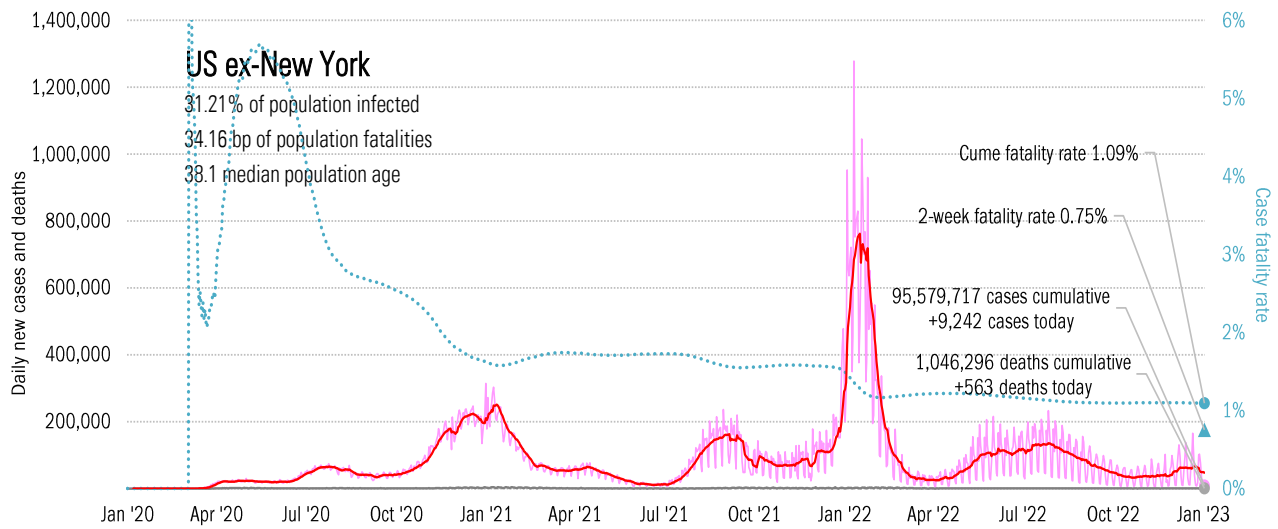
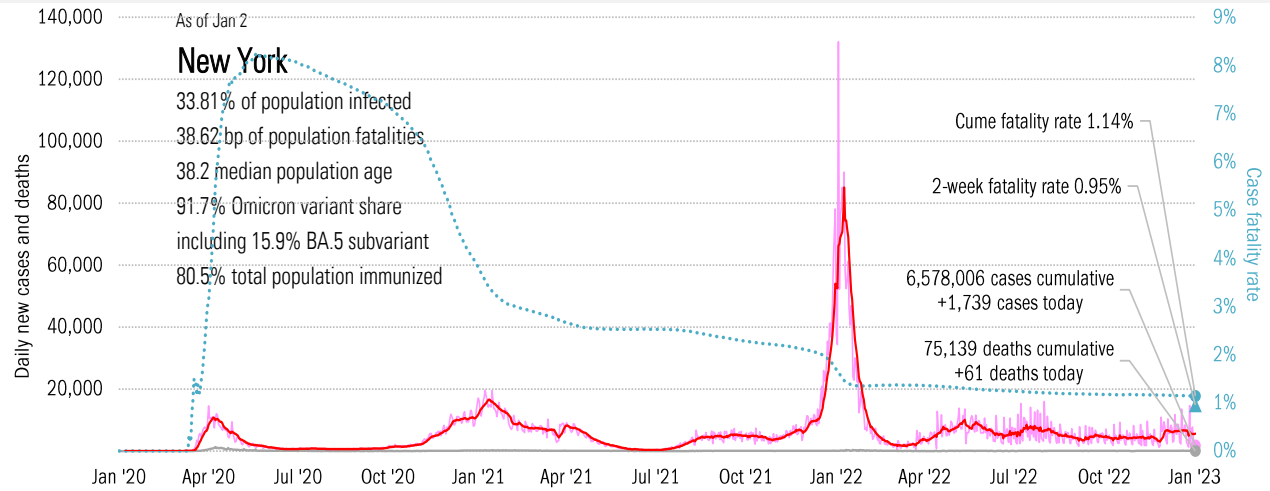
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

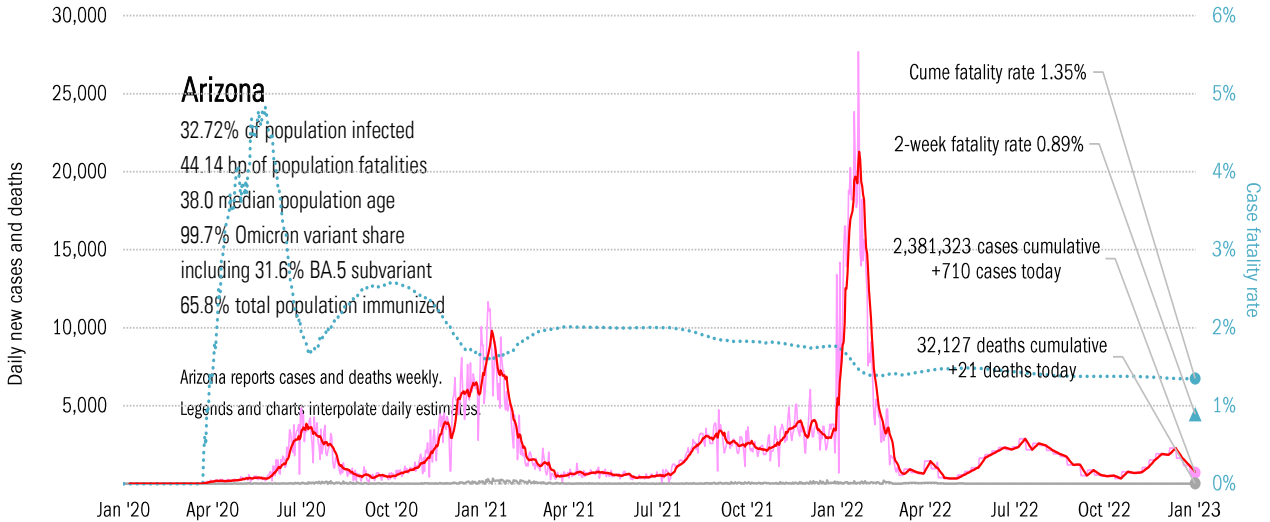
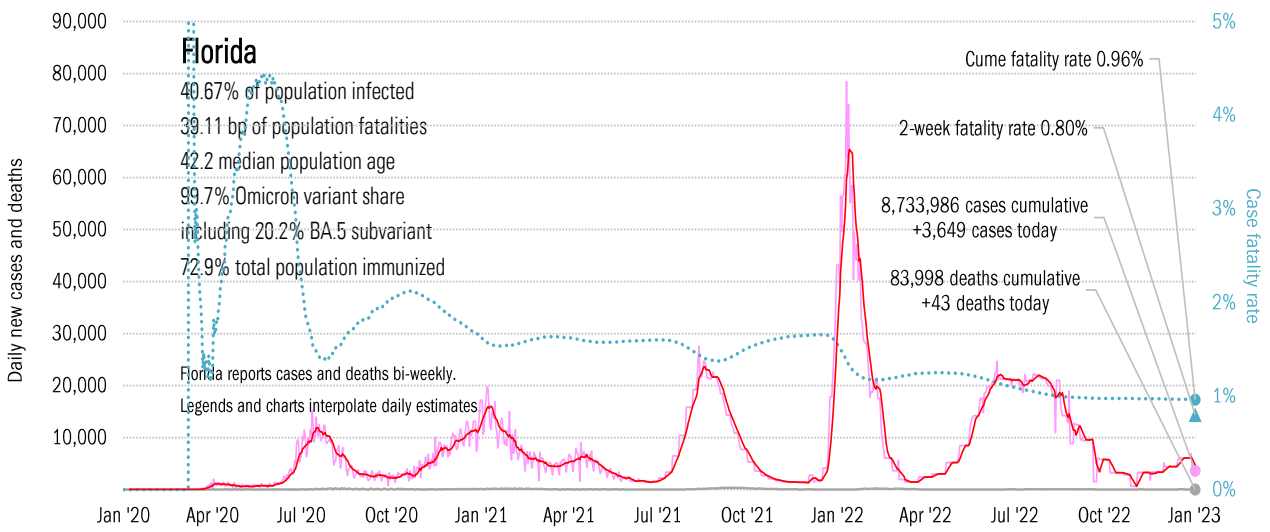
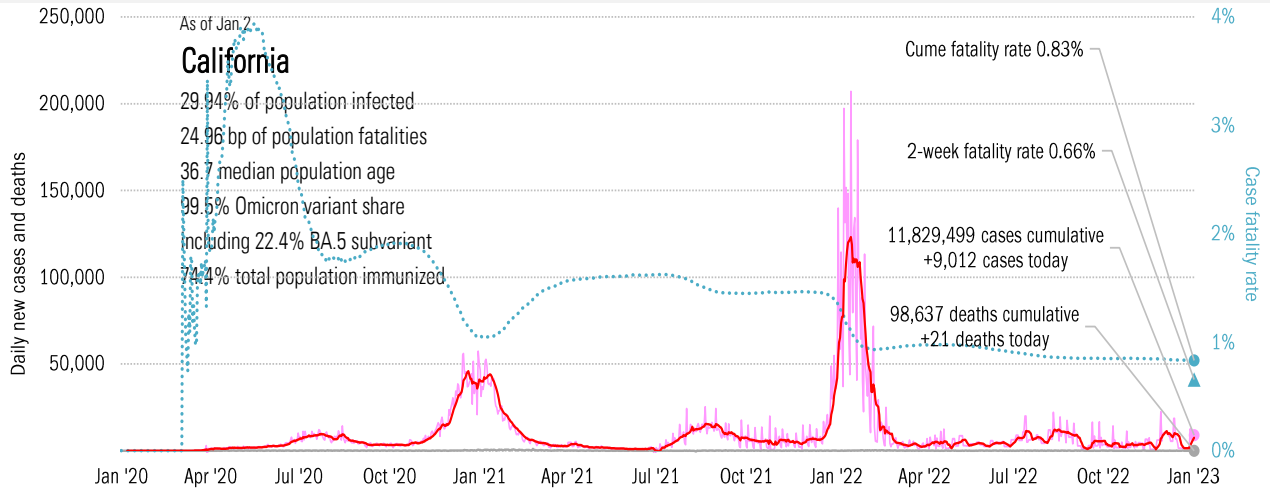
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

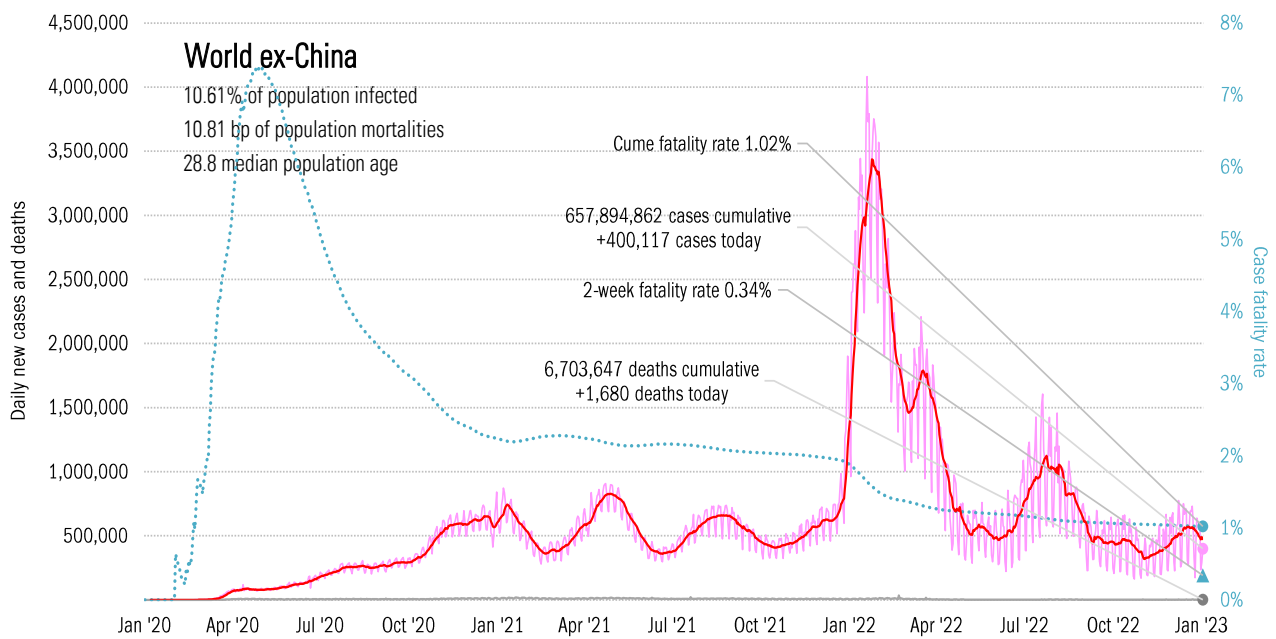
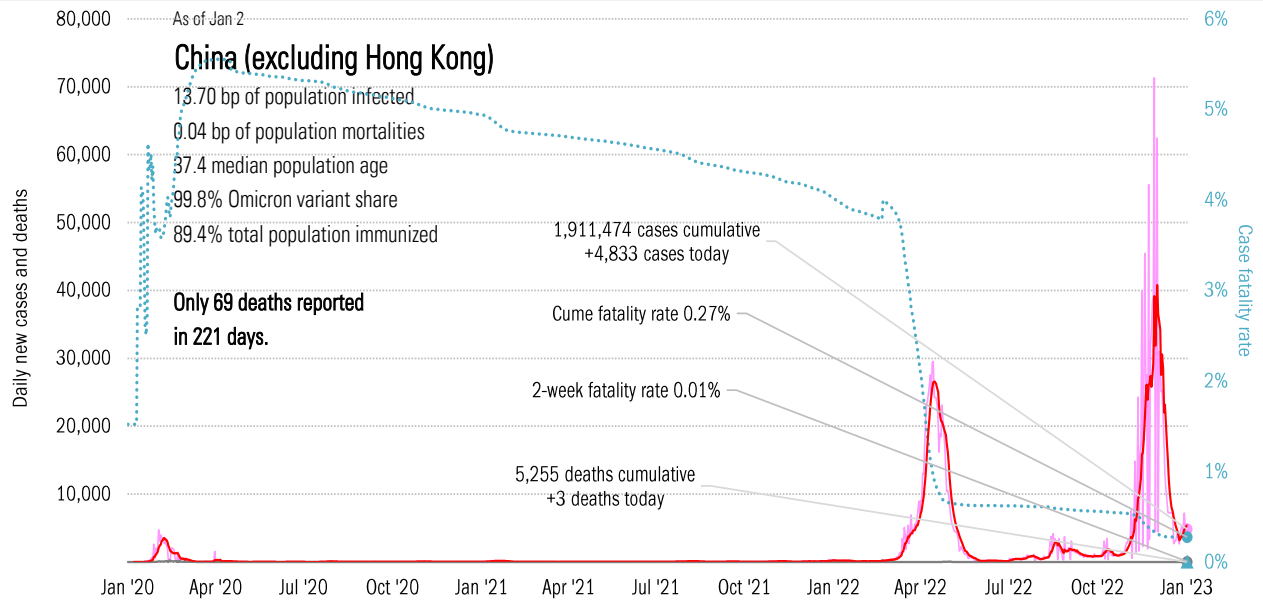
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

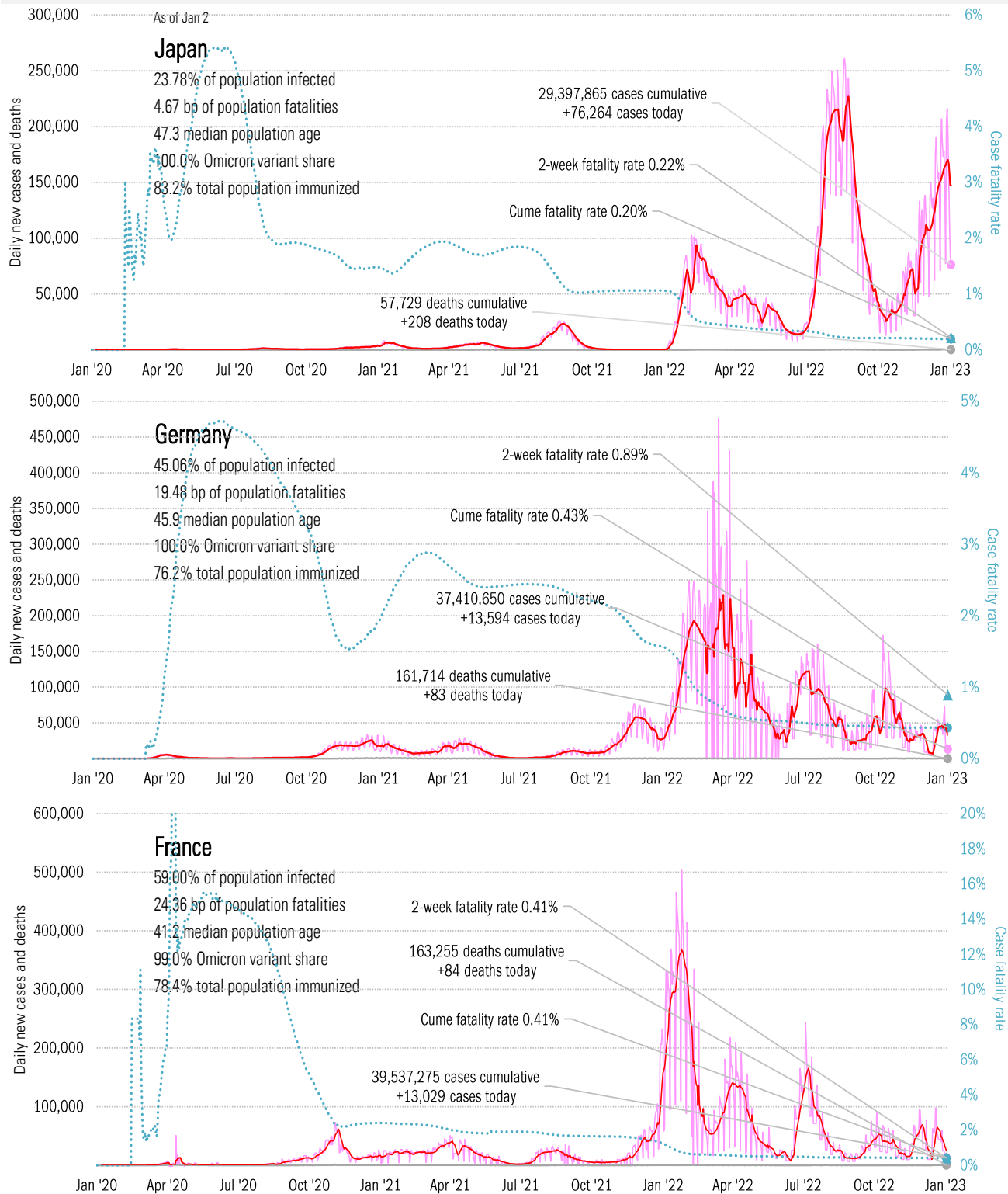
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

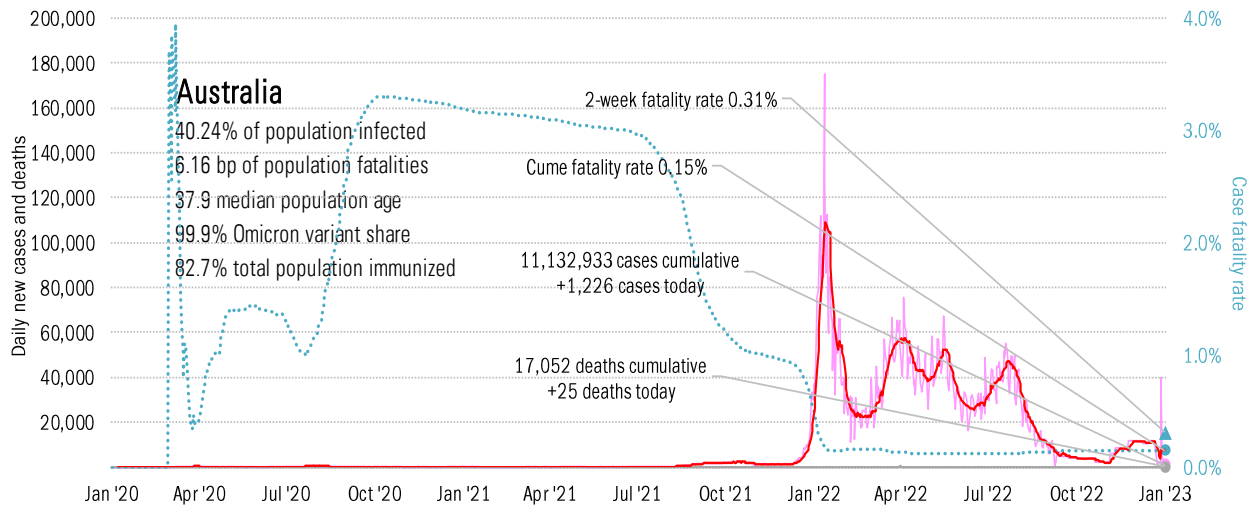
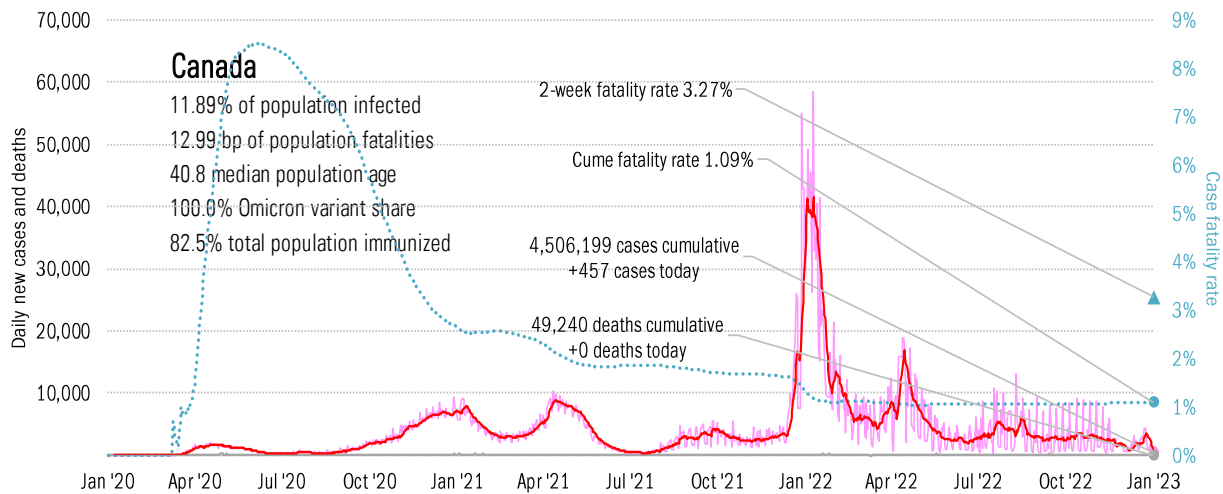
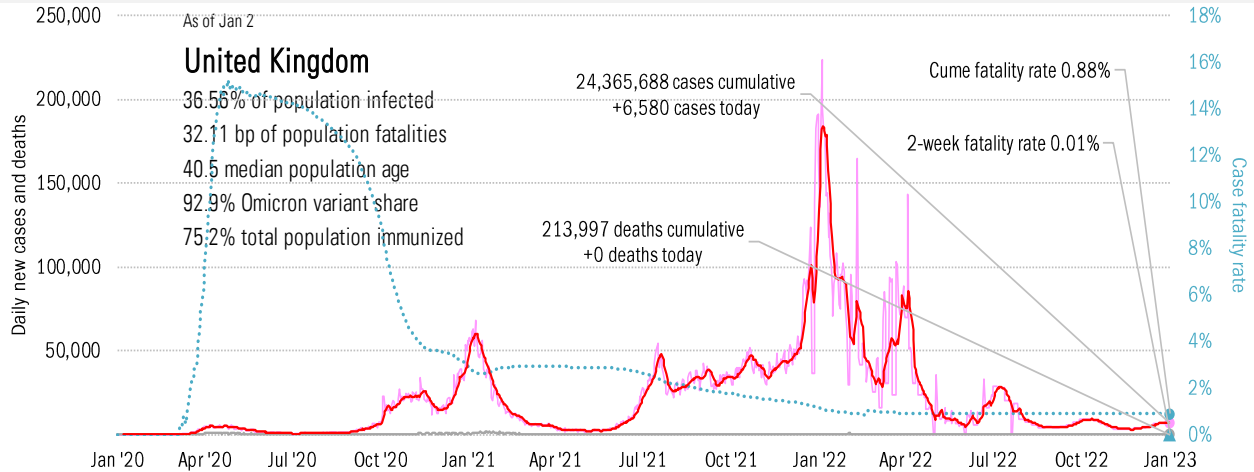
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

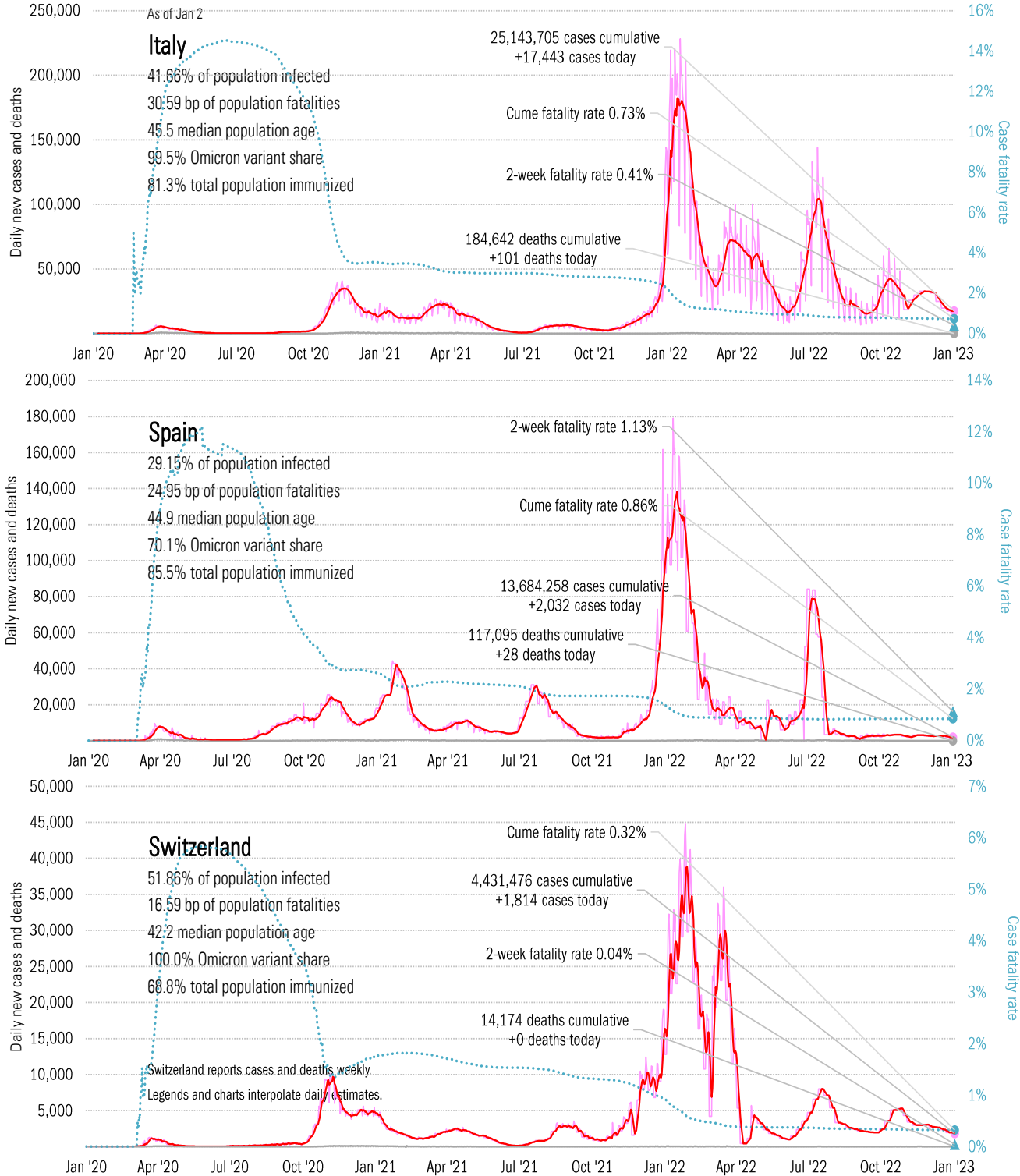
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

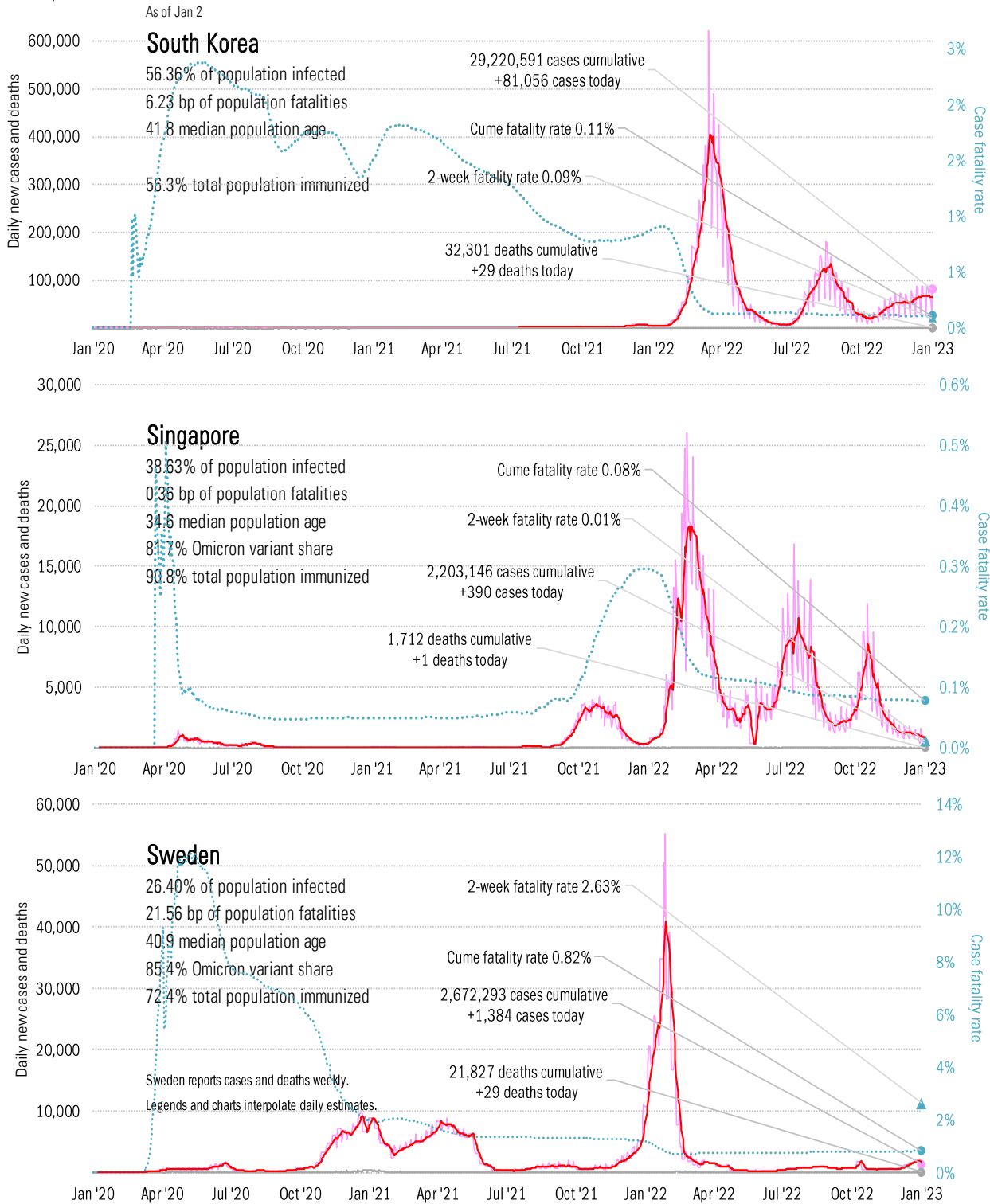
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

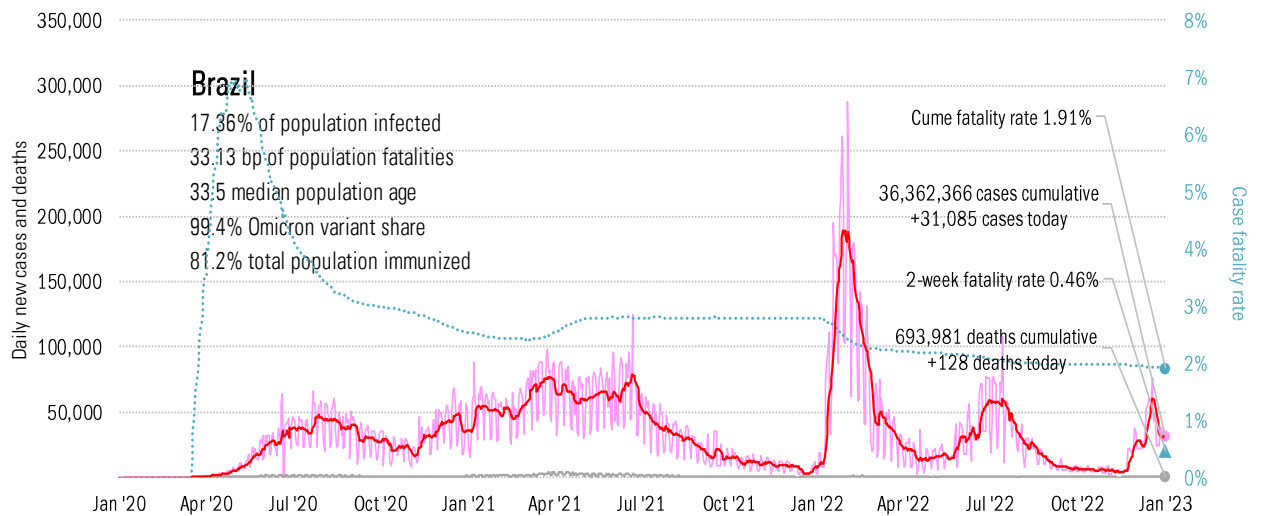
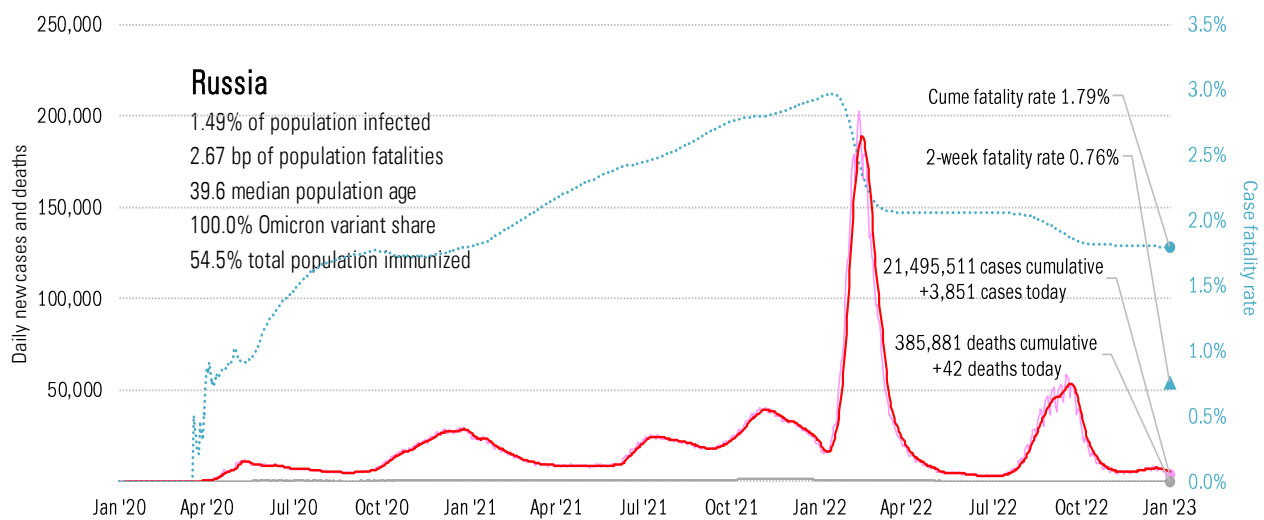
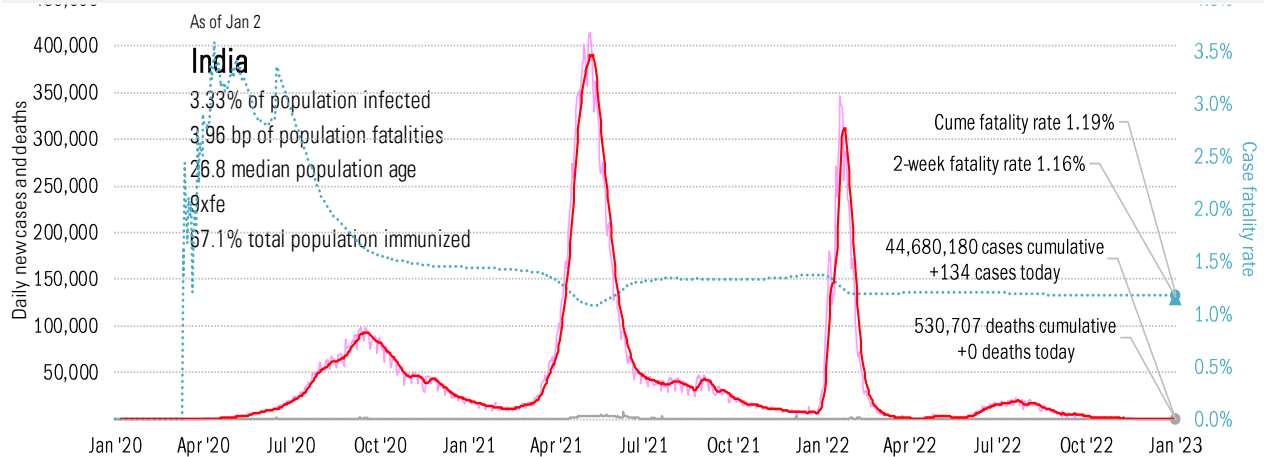
Cases: **7-day average** and **daily** Deaths: **Daily**



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

Impact in the BRICs ex-China

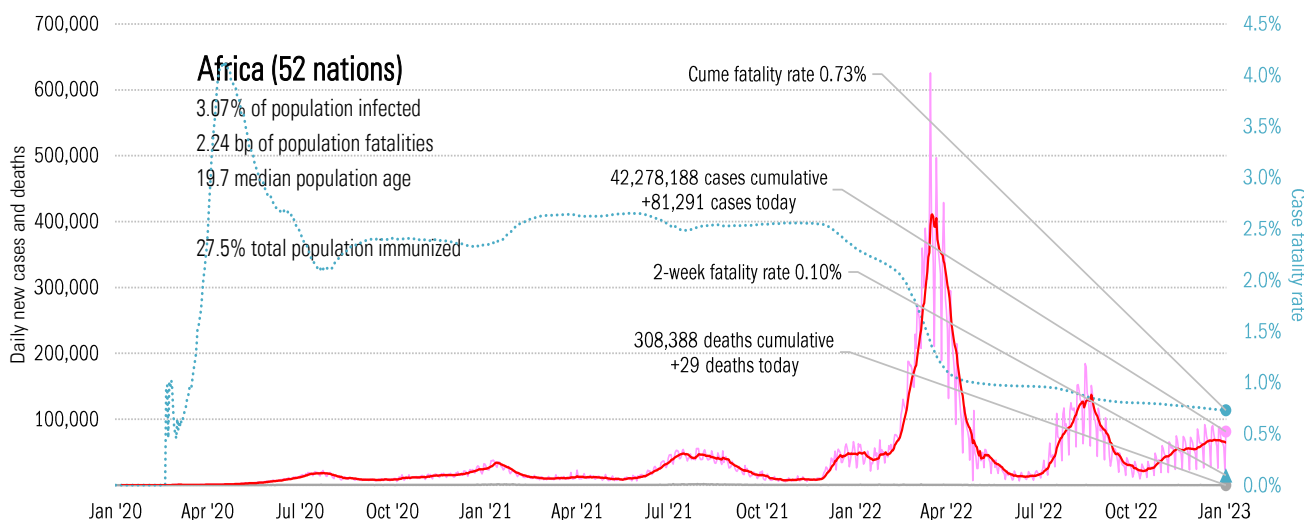
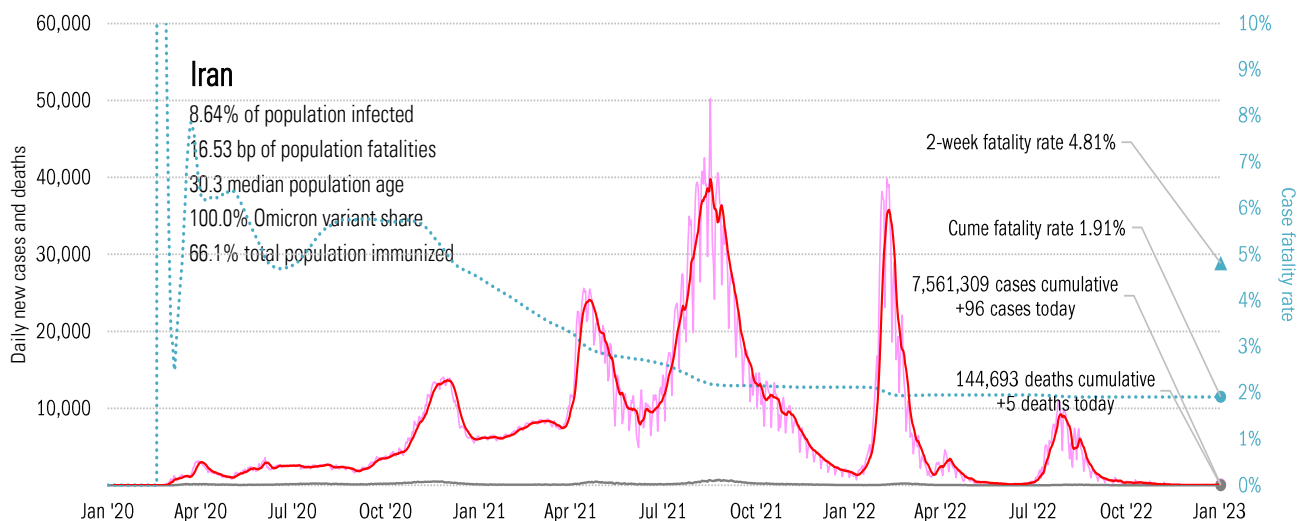
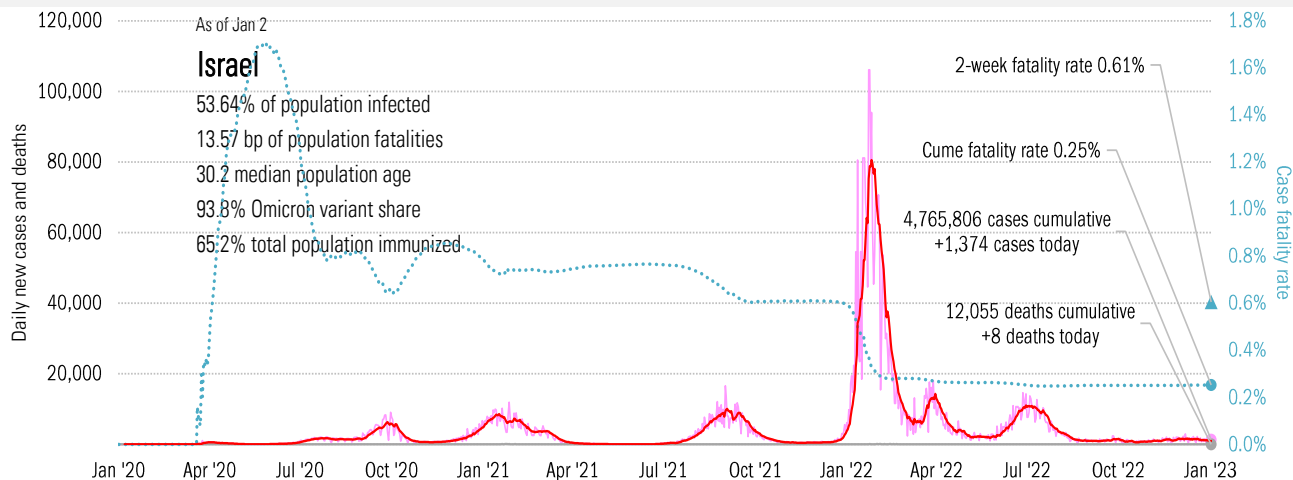
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

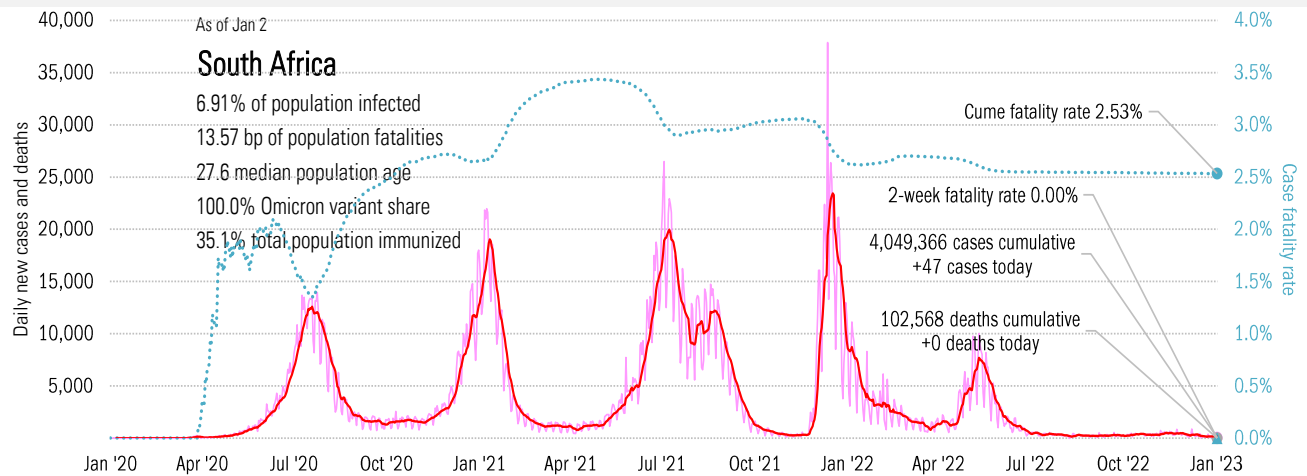
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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