

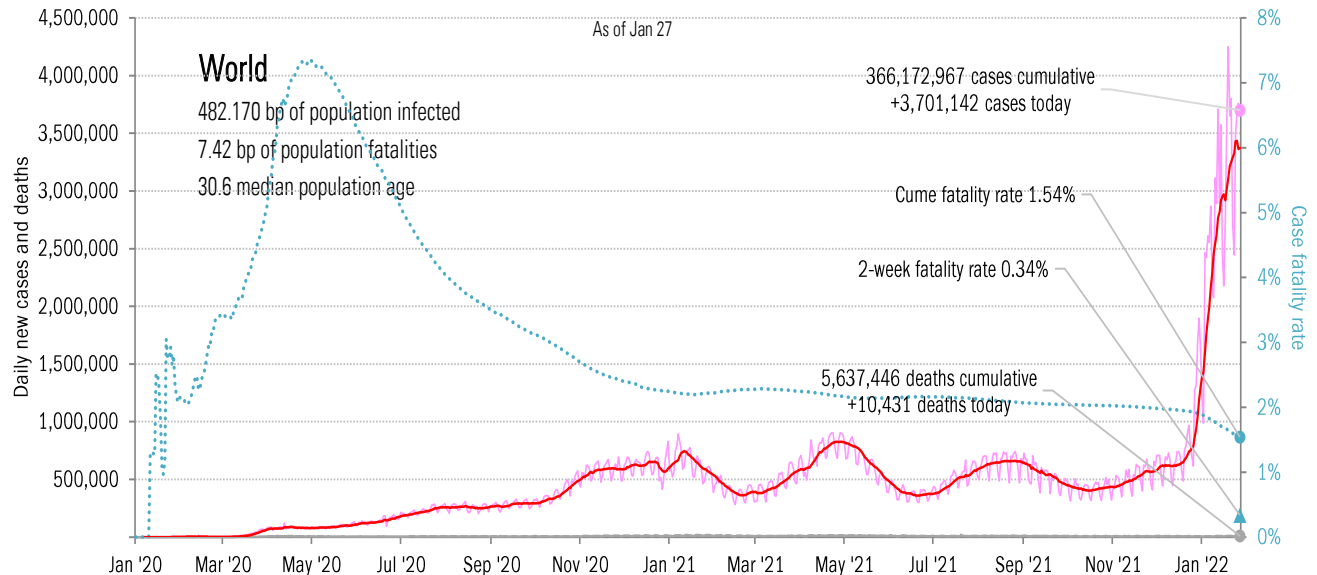
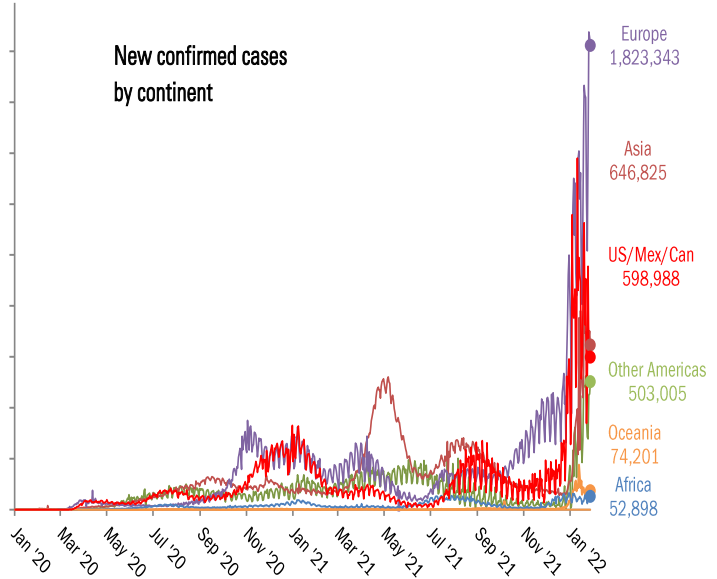
Data Insights: Covid-2019 Monitor

Friday, January 28, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	519,081	United States	2,473
France	393,597	Brazil	673
India	251,209	Russia	651
Brazil	229,702	India	627
Germany	160,323	Mexico	532
Italy	156,040	Italy	389
Spain	130,888	Peru	353
Peru	99,645	United Kingdom	340
United Kingdom	97,165	Argentina	333
Russia	88,105	Canada	309
2,125,755		6,680	
<hr/>			
World	3,701,142	World	10,431
Top ten	57%	Top ten	64%



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

For more information contact us:

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

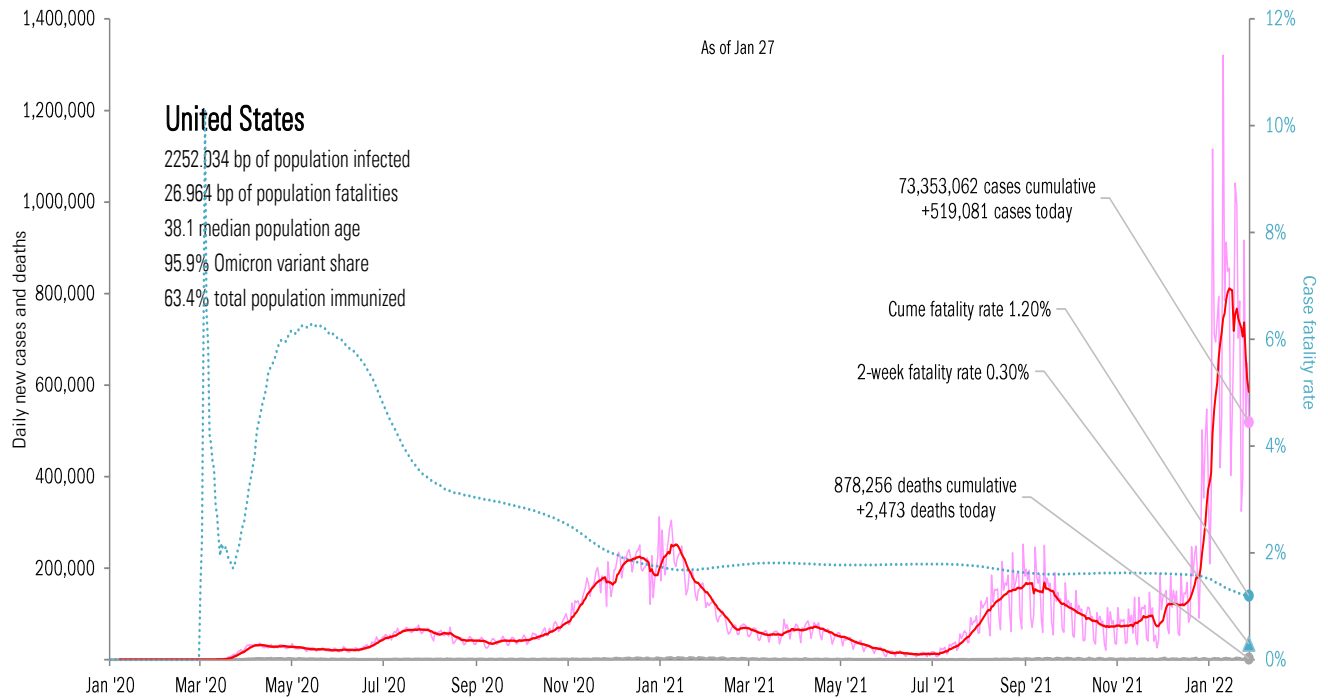
The ten worst US states

New cases			New Deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	117,296		PA	325		GA	149		CA	8,174,883		CA	79,400		TX	451,152		GA	89%	TX	96%
TX	38,654		CA	261		KY	97		TX	6,121,818		TX	78,855		CA	384,923		RI	88%	AL	94%
FL	29,415		TX	231		MS	66		FL	5,374,015		NY	64,285		FL	384,584		MA	88%	GA	92%
NC	28,753		NY	191		AZ	62		NY	4,764,422		FL	64,200		NY	229,199		PA	87%	OK	92%
GA	21,708		IL	149		TN	35		IL	2,881,745		PA	40,257		GA	190,858		MD	86%	RI	92%
NY	16,887		GA	115		ID	29		PA	2,622,134		IL	33,001		OH	178,105		MN	86%	MS	92%
PA	16,695		NJ	115		WV	19		OH	2,552,972		GA	32,718		PA	164,005		WV	86%	NV	92%
MN	14,617		FL	114		OK	17		NC	2,352,235		OH	32,489		IL	146,544		WA	85%	KY	91%
IL	14,446		IN	109		VT	11		GA	2,327,733		MI	31,985		MI	131,144		MO	85%	VT	90%
AZ	14,293		MA	87		MT	9		MI	2,203,646		NJ	31,208		KY	130,224		NV	84%	IN	88%
312,764			1,697			494			39,375,603			488,398			2,390,738						
All states	519,081		2,473			-2,256			All states	73,353,062		878,256			4,318,182			All states	70%	67%	
Top ten	60%		69%			-22%			Top ten	54%		56%			55%			Median	79%	83%	

Some states not reporting

Five most improved US states

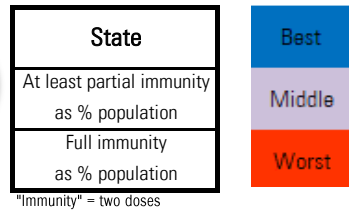
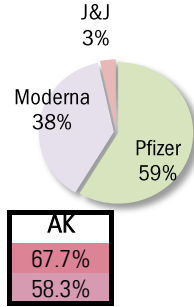
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TN	-118,639	MI	-446	TX	-233	AL	+10 bp
WA	-54,607	AZ	-242	NC	-211	AZ	+10 bp
SC	-52,806	IA	-184	FL	-209	CO	+10 bp
MI	-35,279	WA	-122	VA	-182	DE	+10 bp
KS	-14,999	CT	-121	CA	-141	FL	+10 bp



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

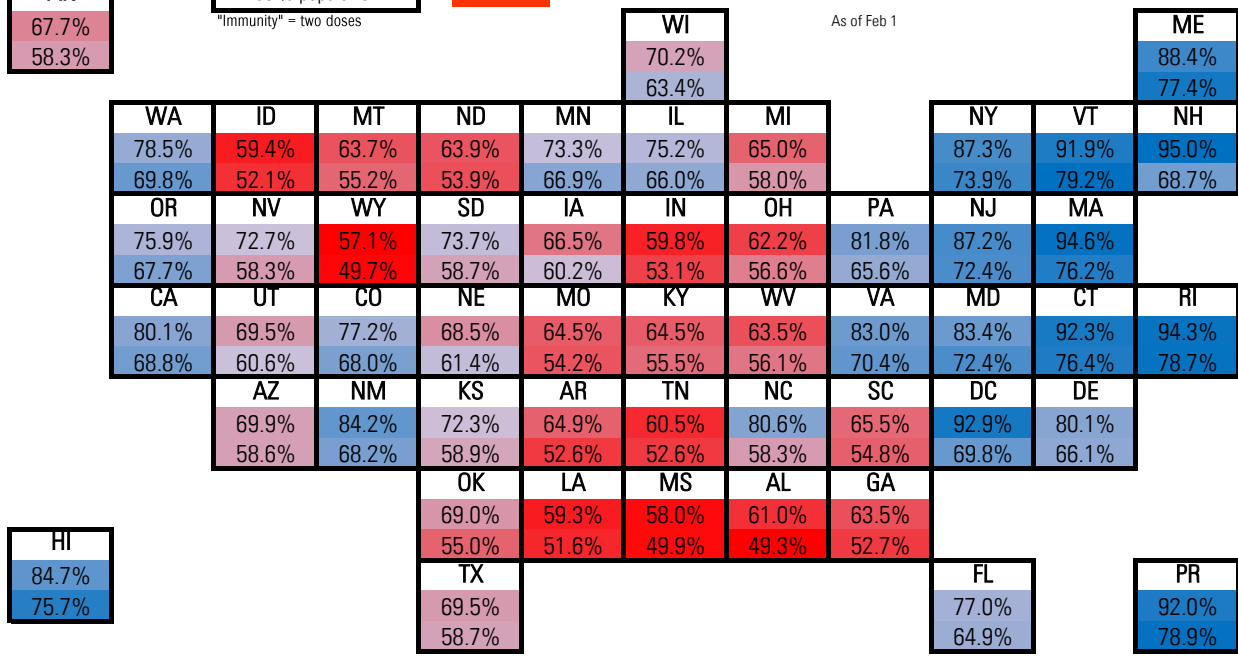
Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	549,946,581		+0.788 million		US	63.4%	75.1%	
Boosters	87,656,695		+1.272 million		UK	70.8%	76.7%	
	One dose	% Pop	Immune	% pop	New immune today	France	76.1%	79.6%
Total population	256,755,021	77%	217,215,085	65%	+0.314 million	Spain	81.9%	87.4%
Age 12 to 17	16,881,066	67%	14,252,206	56%	+0.055 million	Germany	73.0%	75.0%
Age 18 to 64	173,361,225	85%	146,899,704	72%	+0.158 million	Italy	75.9%	82.7%
Age 65 and over	57,857,356	100%	50,069,254	91%	+0.020 million	Australia	78.2%	83.5%

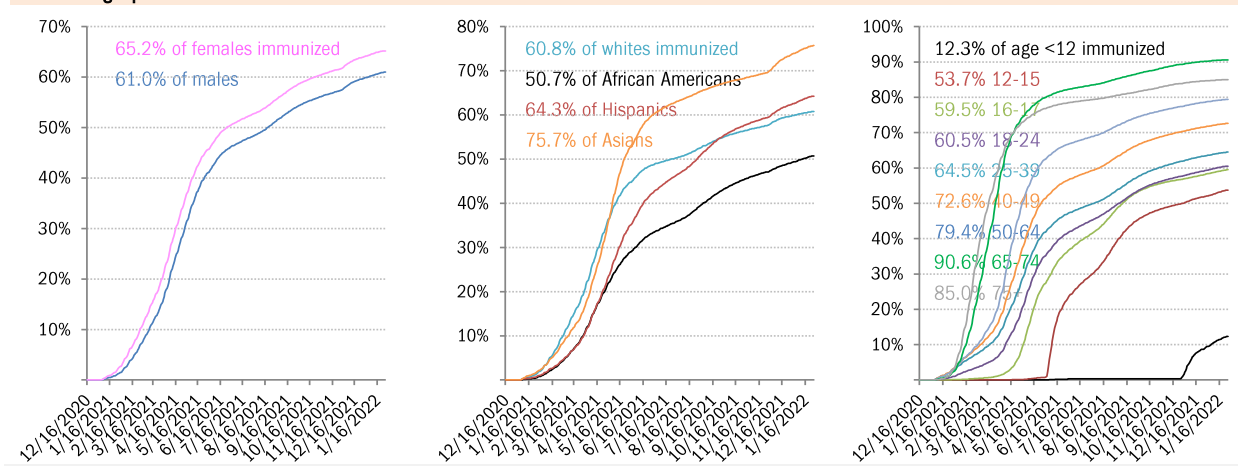


France	76.1%	79.6%
Spain	81.9%	87.4%
Germany	73.0%	75.0%
Italy	75.9%	82.7%
Australia	78.2%	83.5%
Israel	65.5%	72.0%
Canada	78.8%	84.8%
Japan	79.1%	80.4%
Africa	10.5%	15.8%
India	49.8%	67.1%
Brazil	69.9%	79.1%
China	84.8%	87.6%

Global data differs due to sources, timing



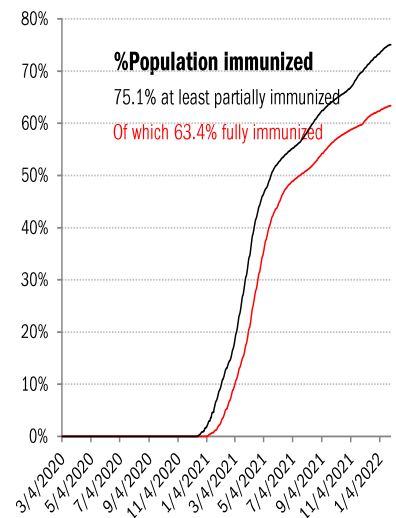
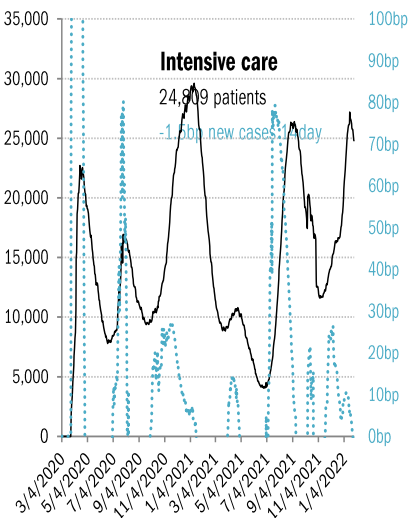
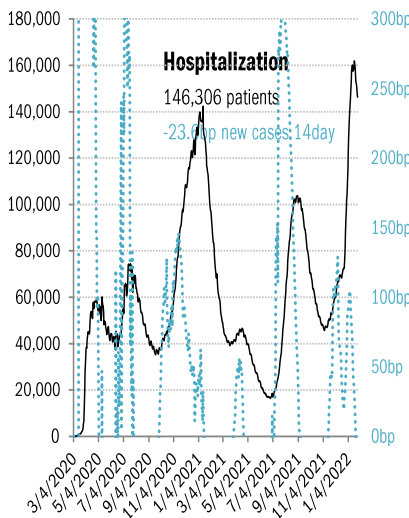
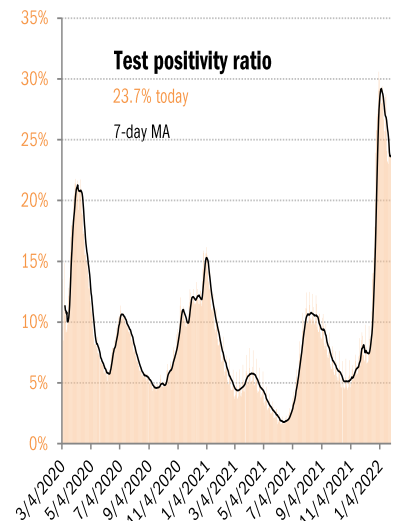
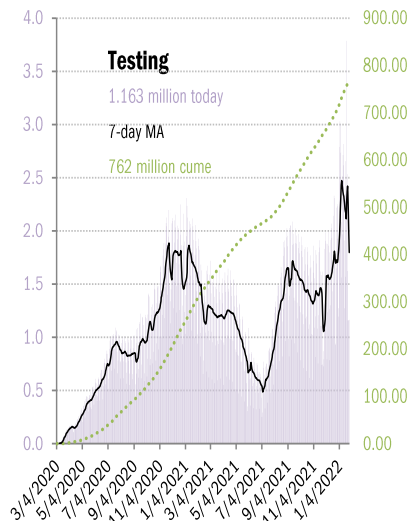
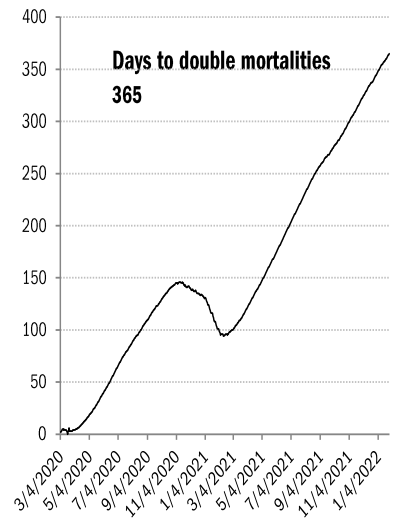
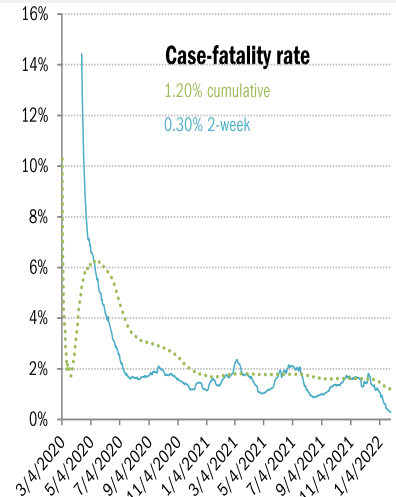
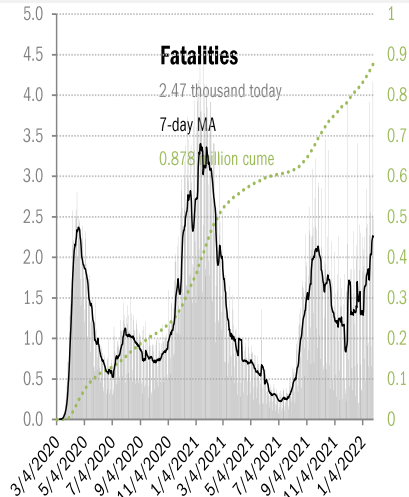
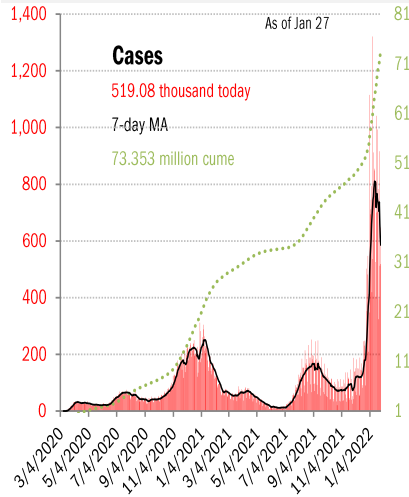
The demographics of US vaccination



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

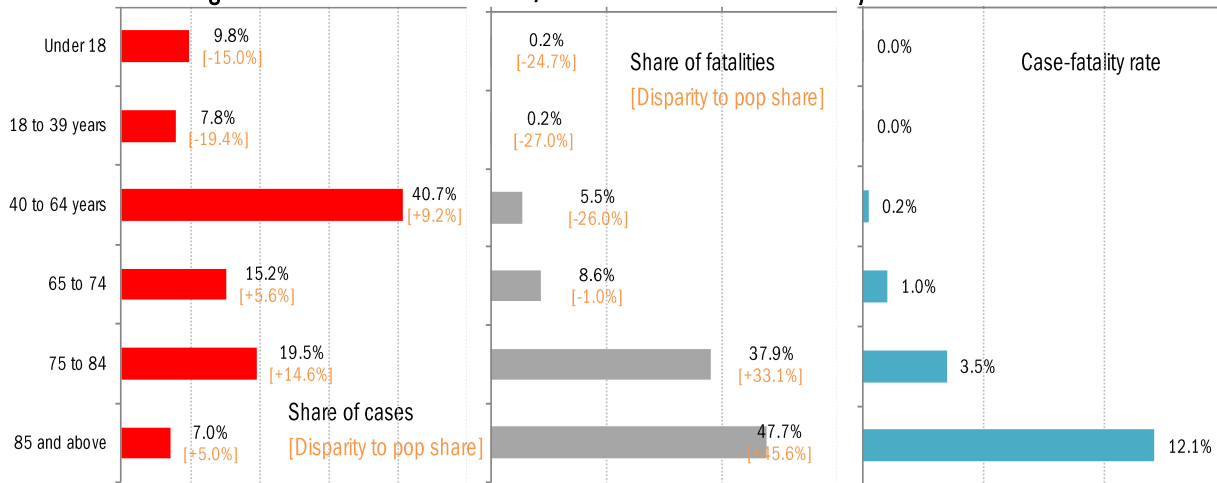
US deep-dive

National and state-by-state data do not line up because of different sources

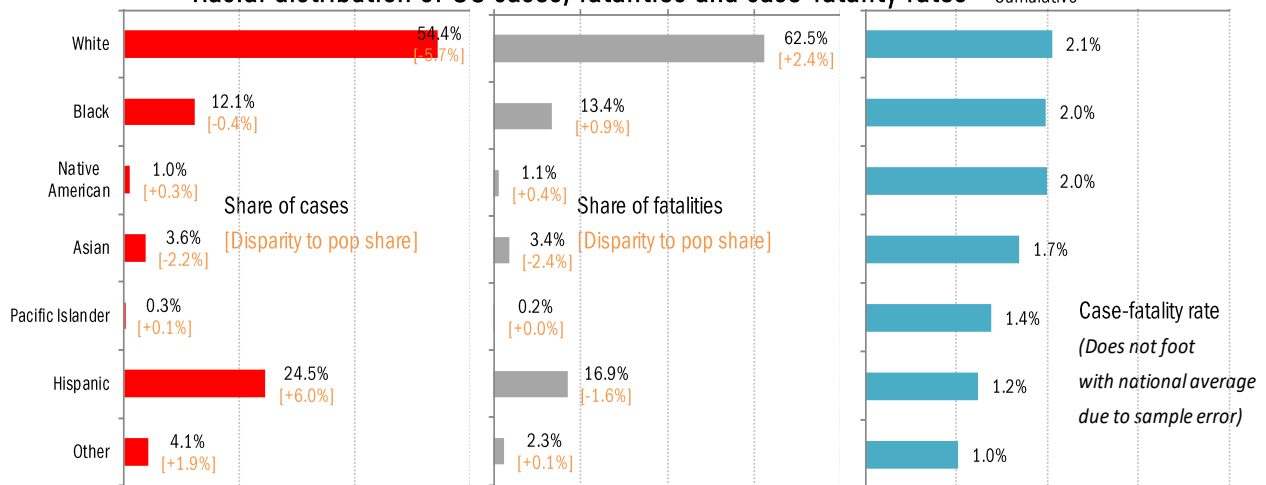


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

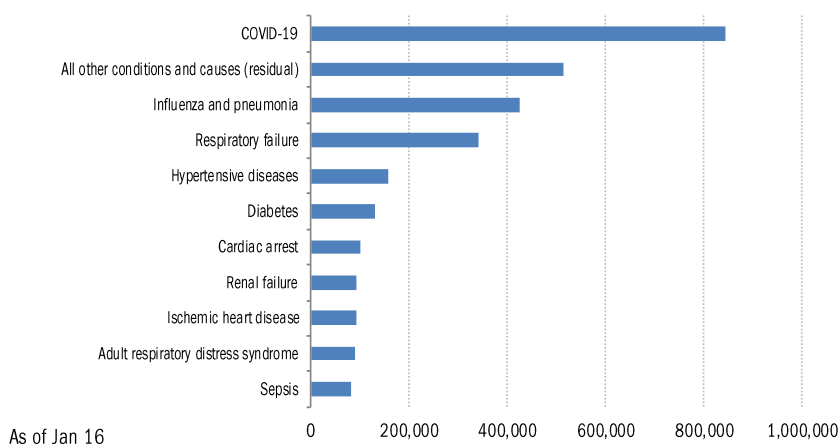


Racial distribution of US cases, fatalities and case-fatality rates



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

[Bad Business as Usual at the WHO](#)

Wall Street Journal

January 27, 2022

[India Schools Stay Closed, and Hopes Fade for a Lost Generation](#)

Emily Schmall and Sameer Yasir

New York Times

January 27, 2022

[COVID-19: Significant Improvements Are Needed for Overseeing Relief Funds and Leading Responses to Public Health Emergencies](#)

Government Accountability Office

January 27, 2022

[Government watchdog says HHS is at 'high risk' of botching a future crisis](#)

Dan Diamond

Washington Post

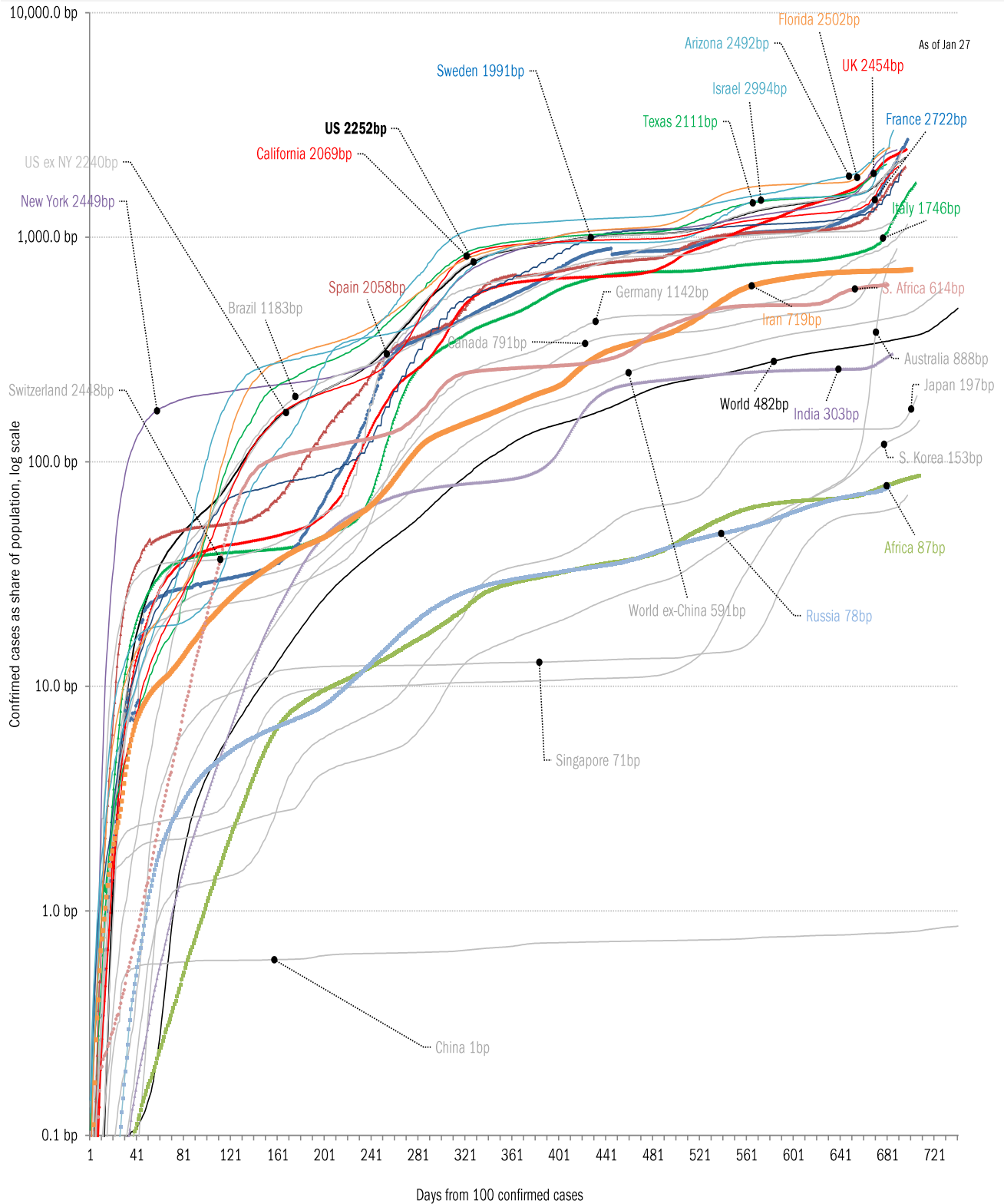
January 27, 2022

Meme of the day



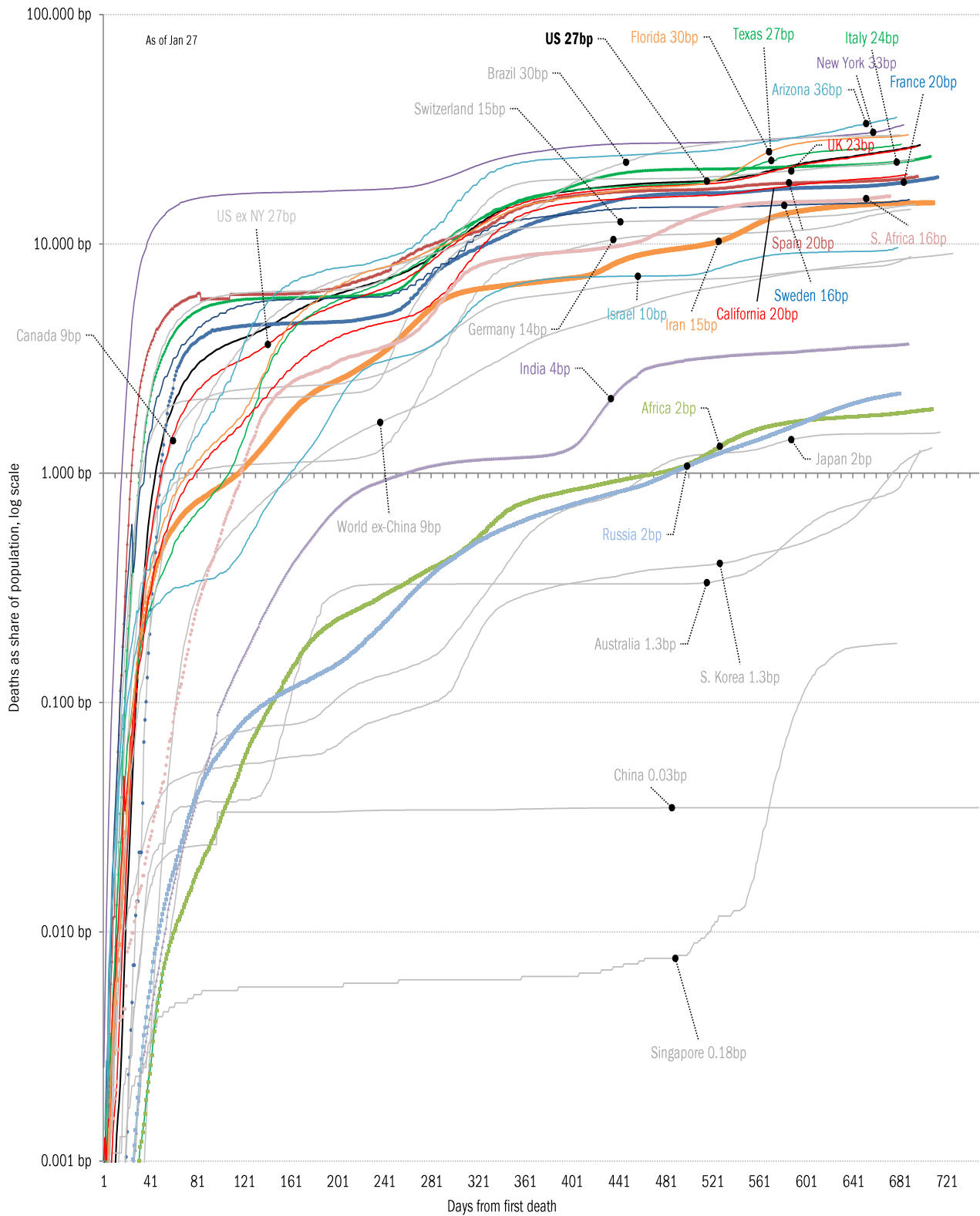
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

The 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 coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality, log scale

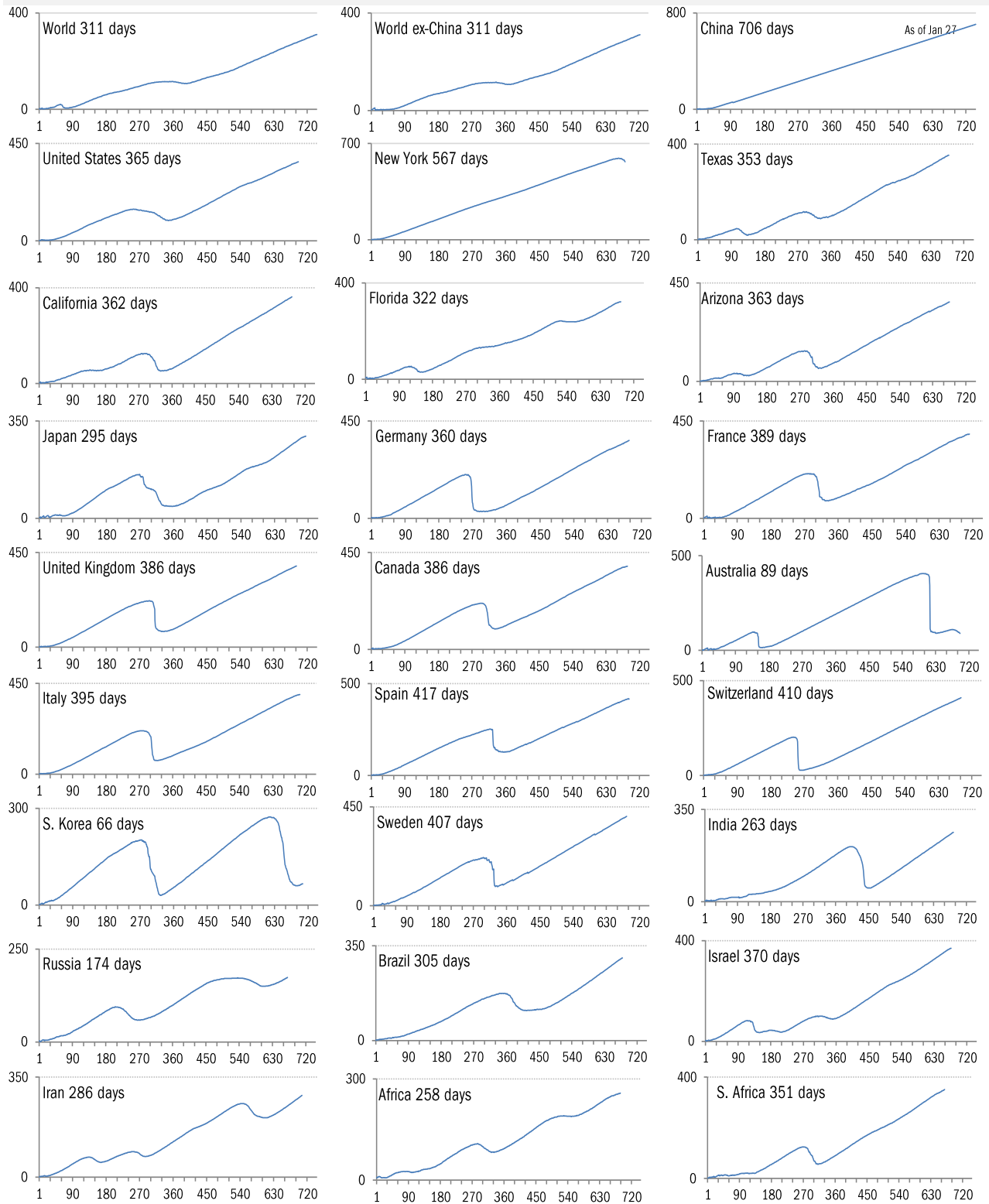


Source: [Johns Hopkins](#), TrendMacro calculations

"Exponential"? Our most reliable evidence of the rate of spread of Covid-19

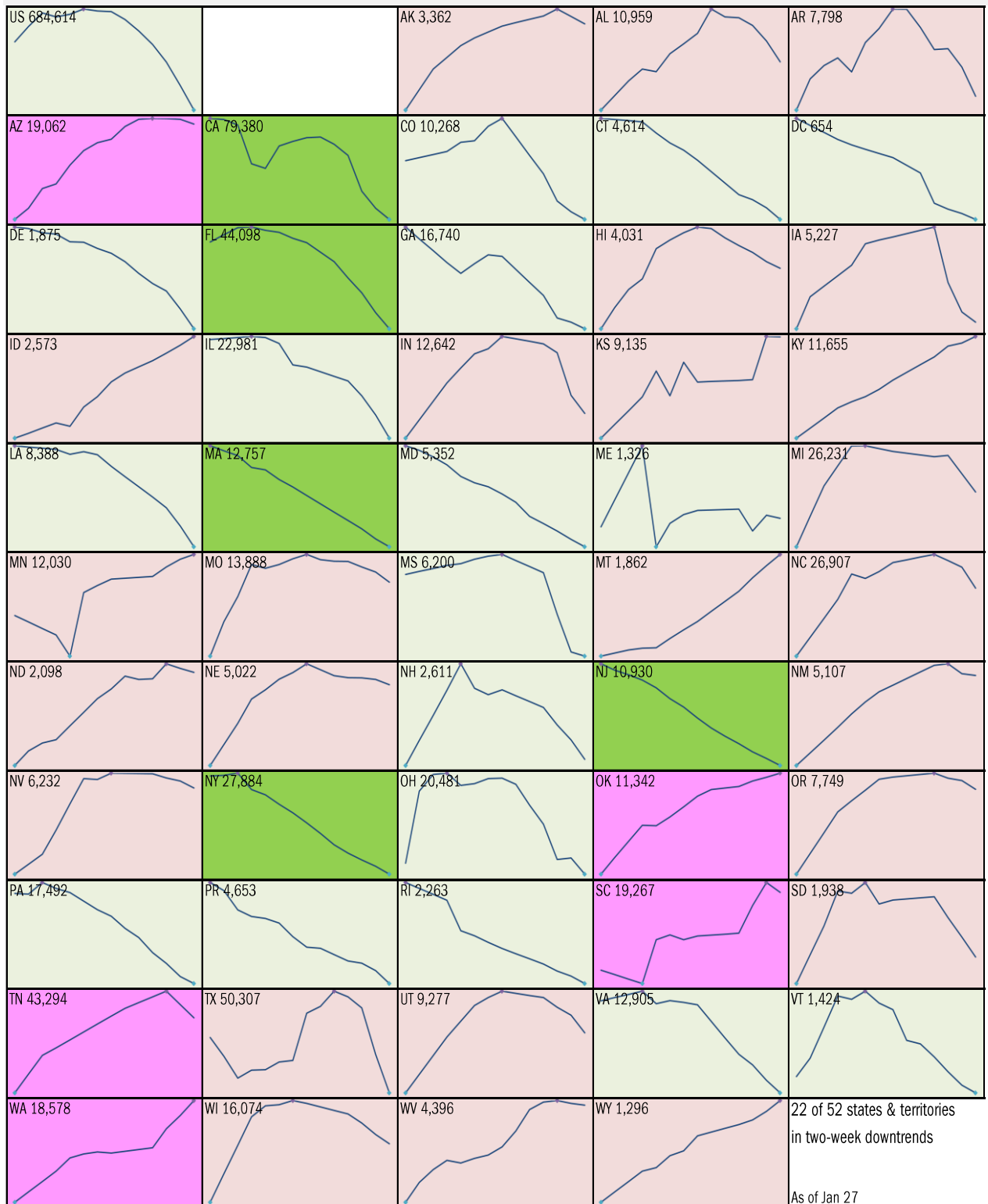
Vertical: days to double deaths Horizontal: days from first death

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread



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

Requirement to [Open Up America Again](#): 14-day "downward 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

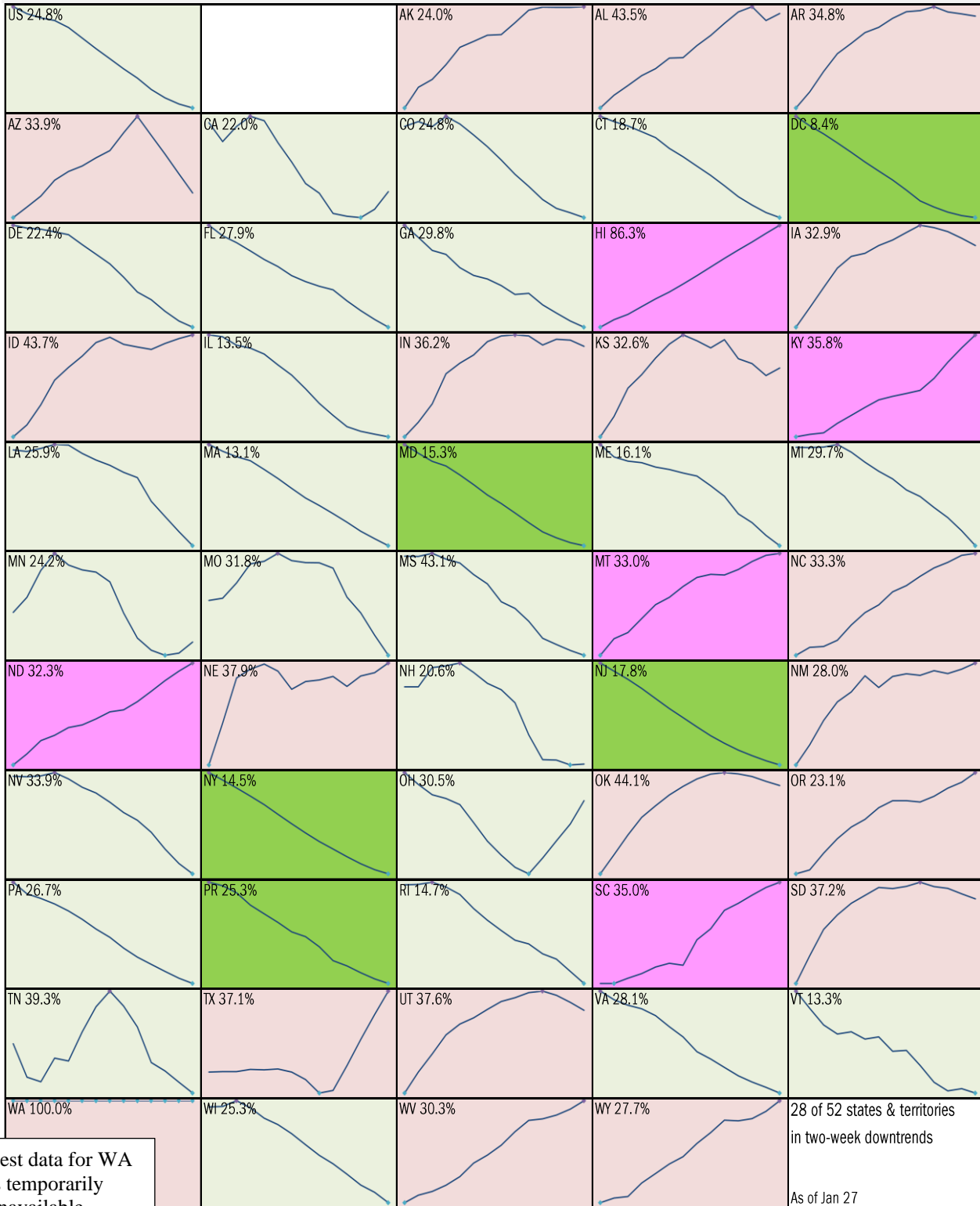


Source: [Johns Hopkins](#), TrendMacro calculations

Alt requirement to [Open Up America Again](#): 14-day “downward trajectory” in pos tests

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

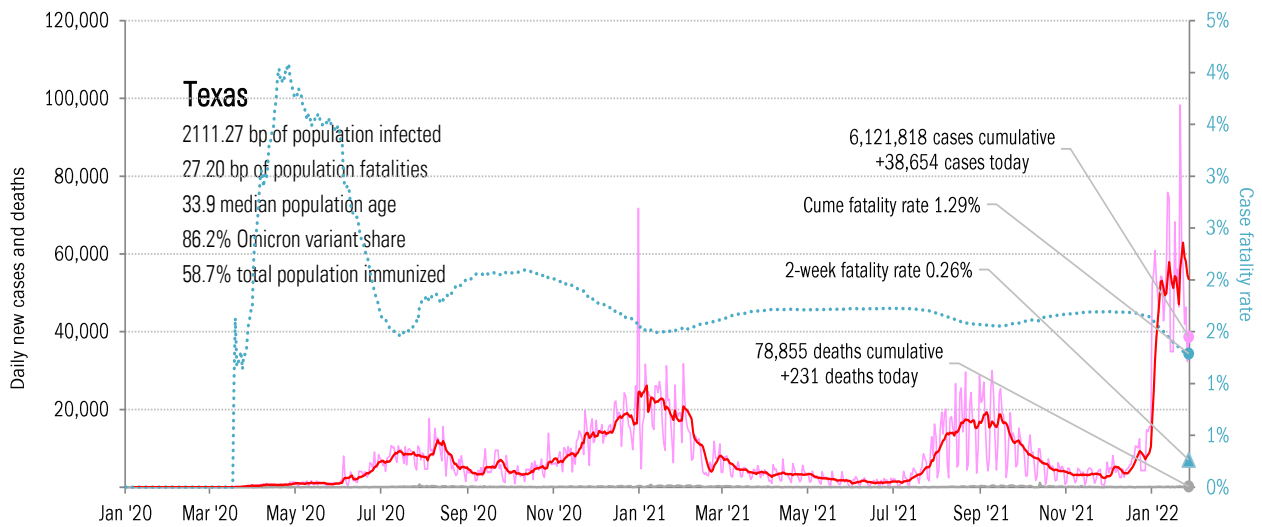
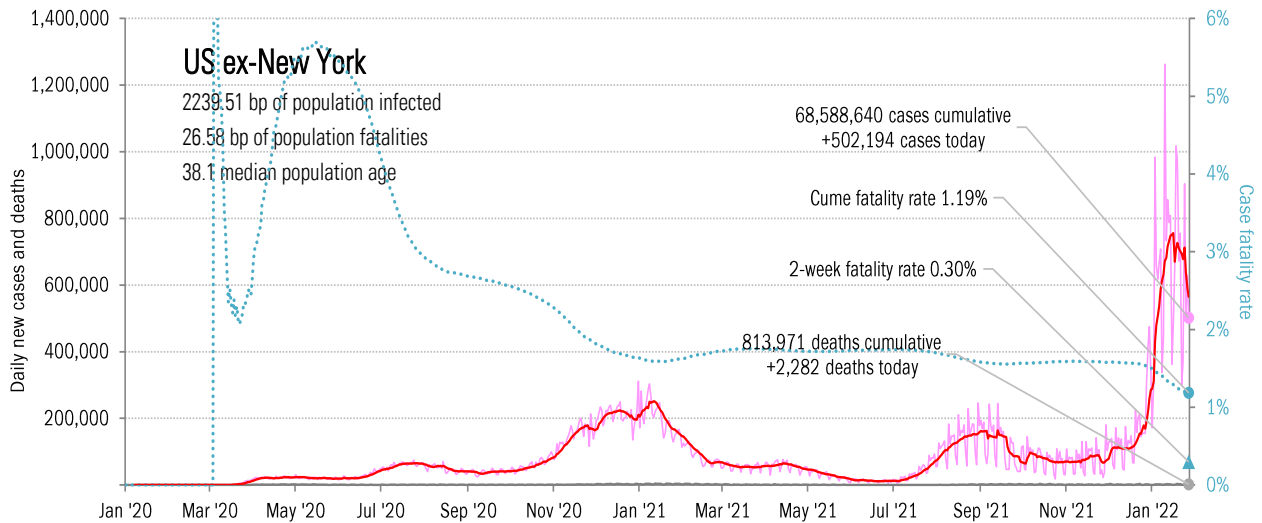
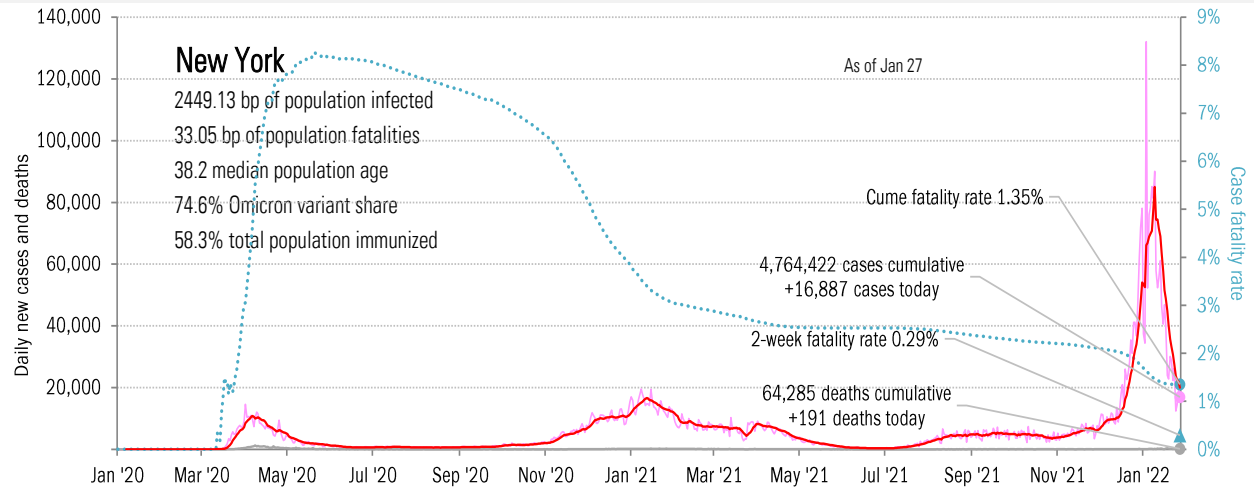
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

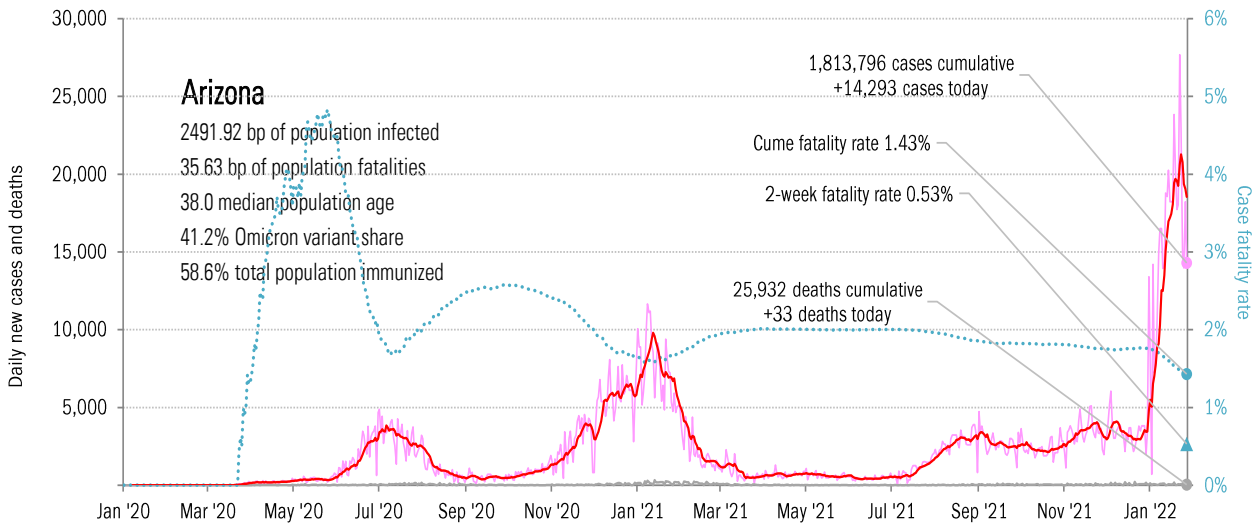
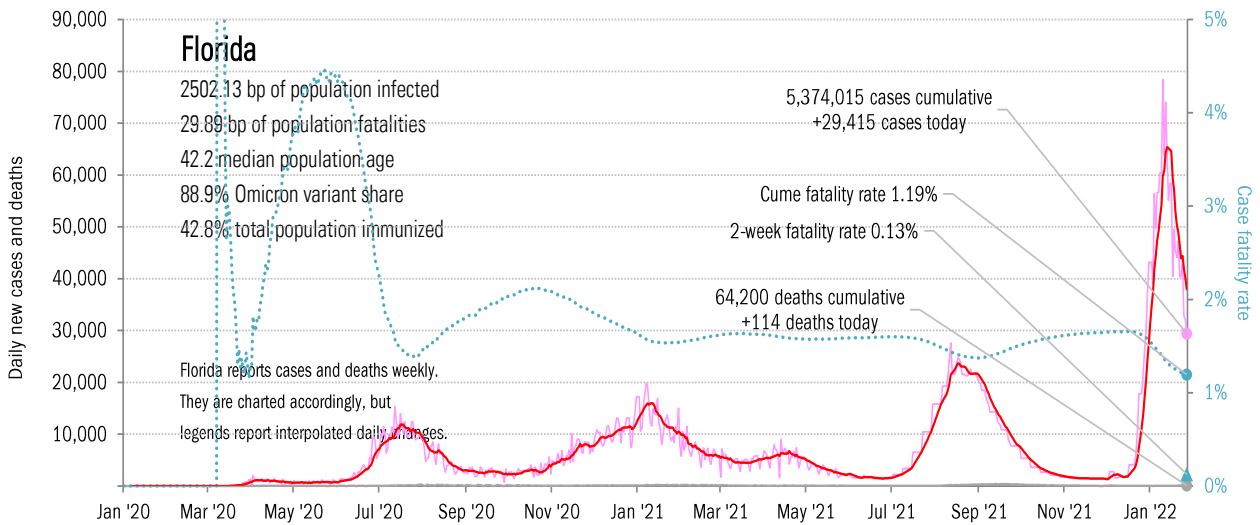
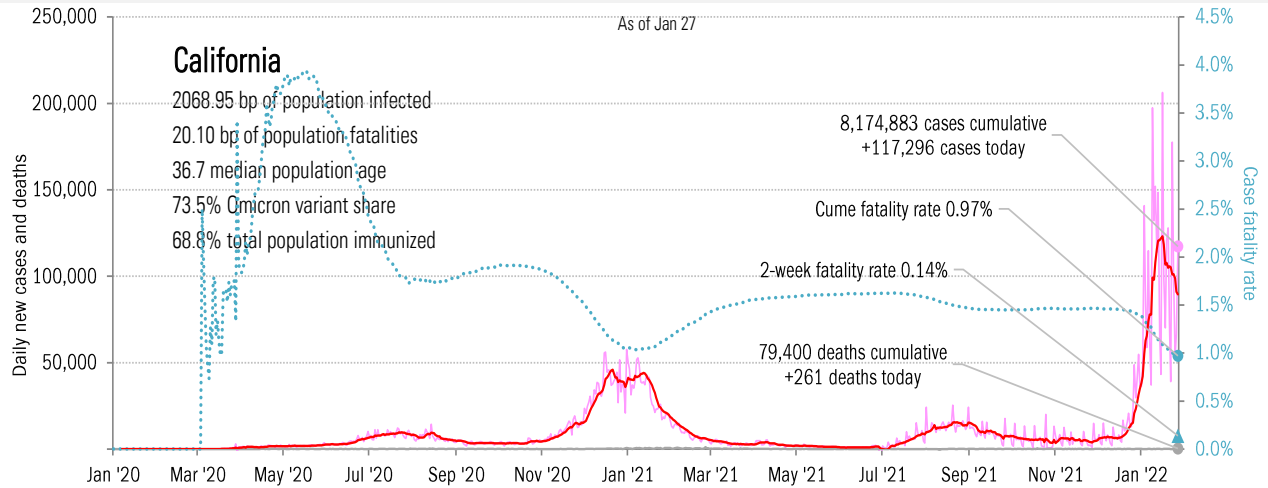
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states (other than Texas)

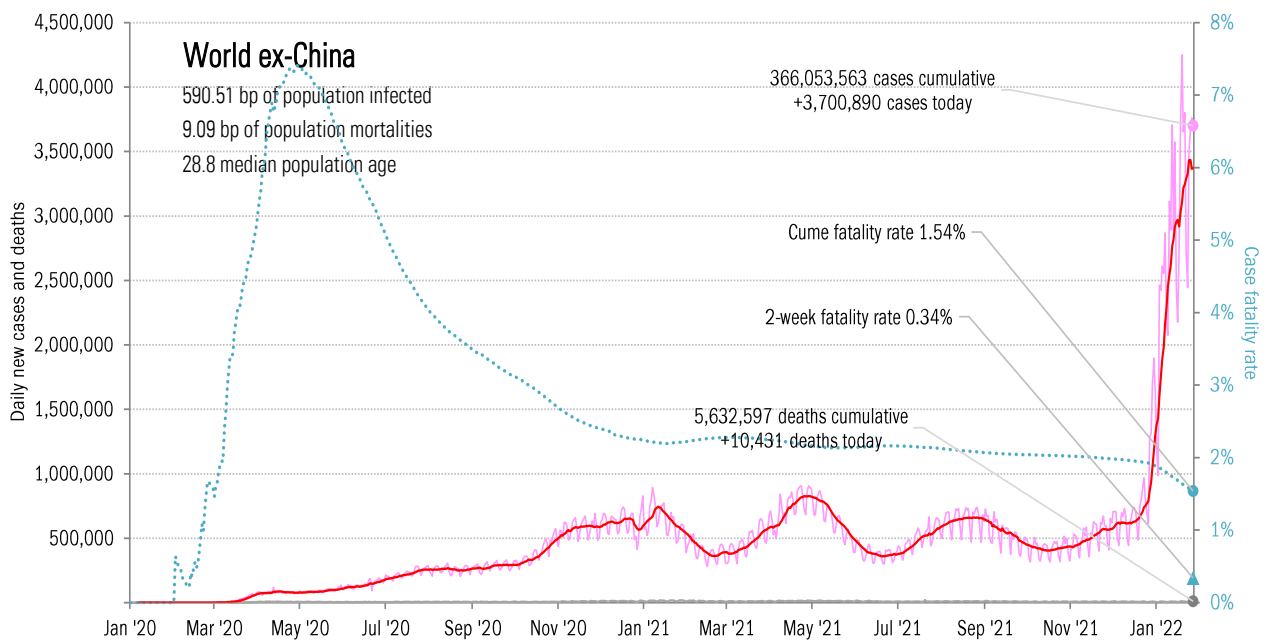
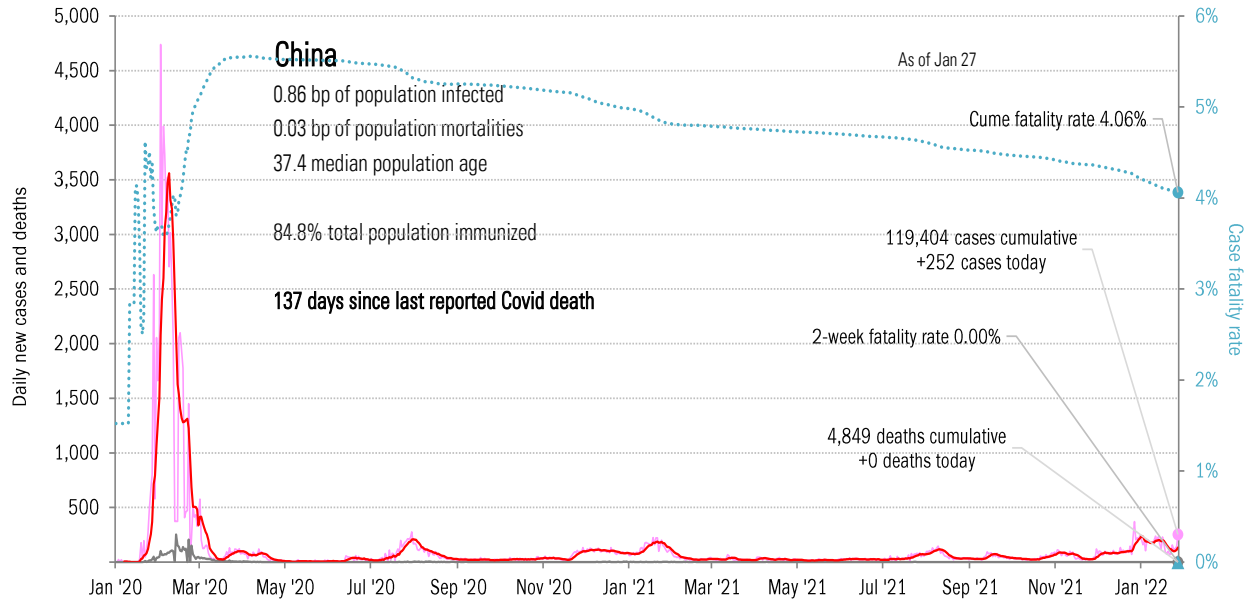
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

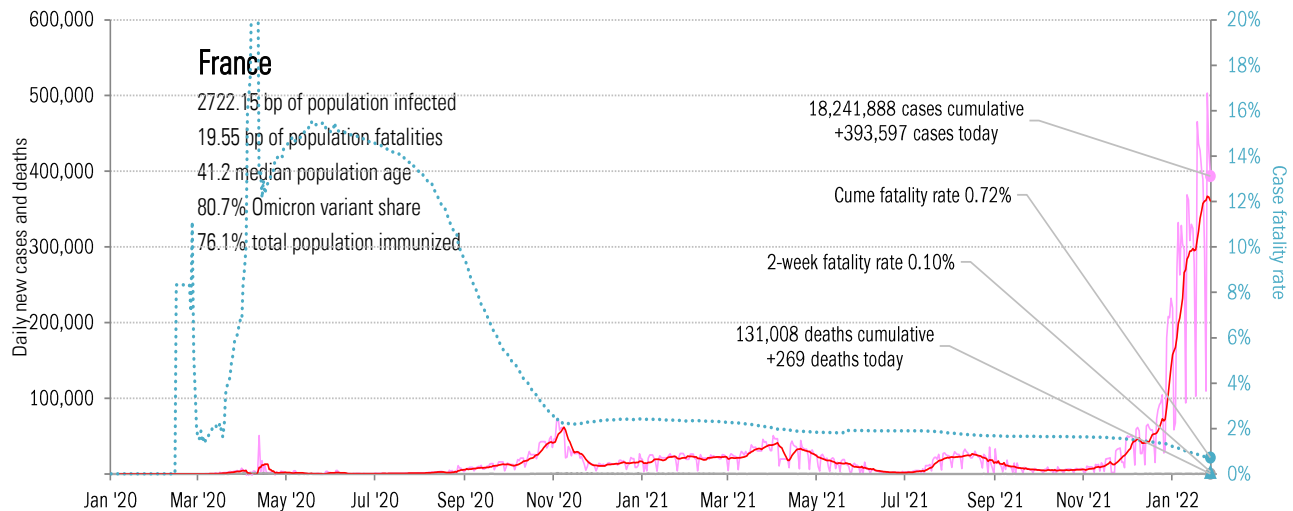
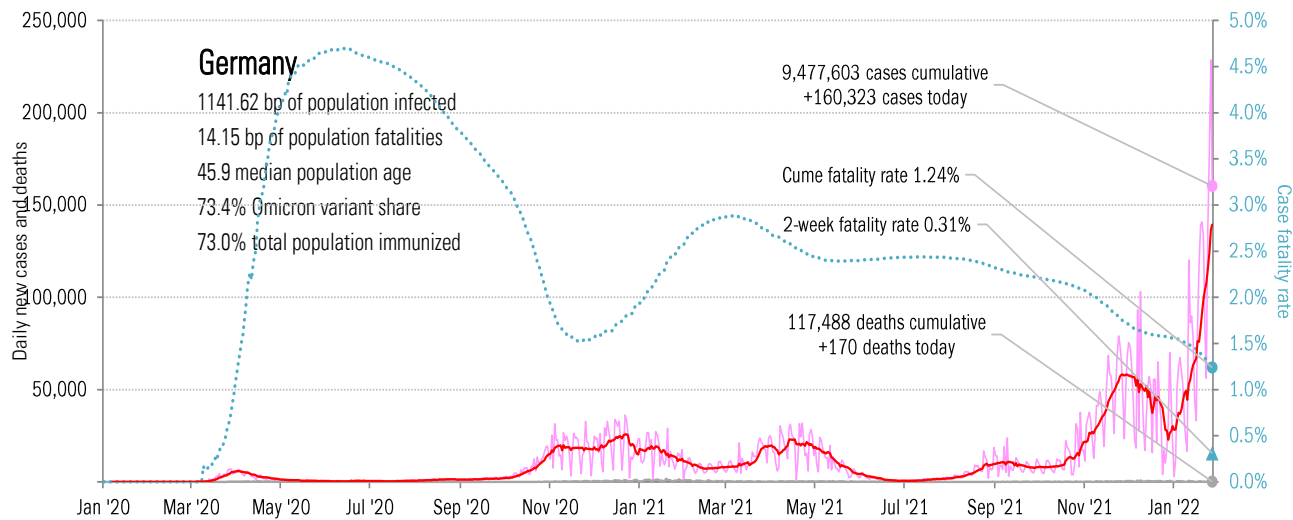
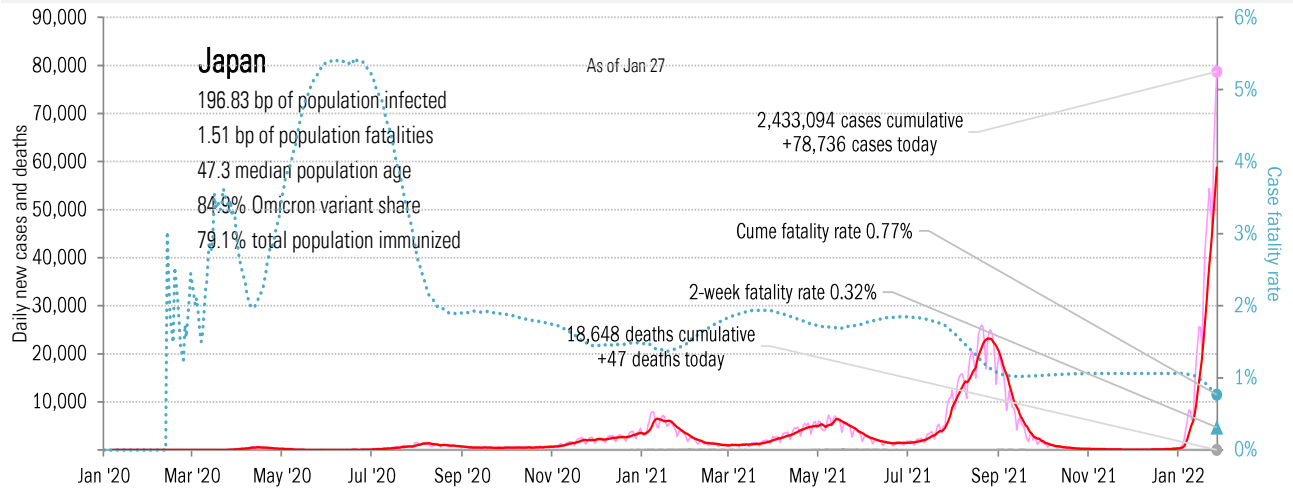
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

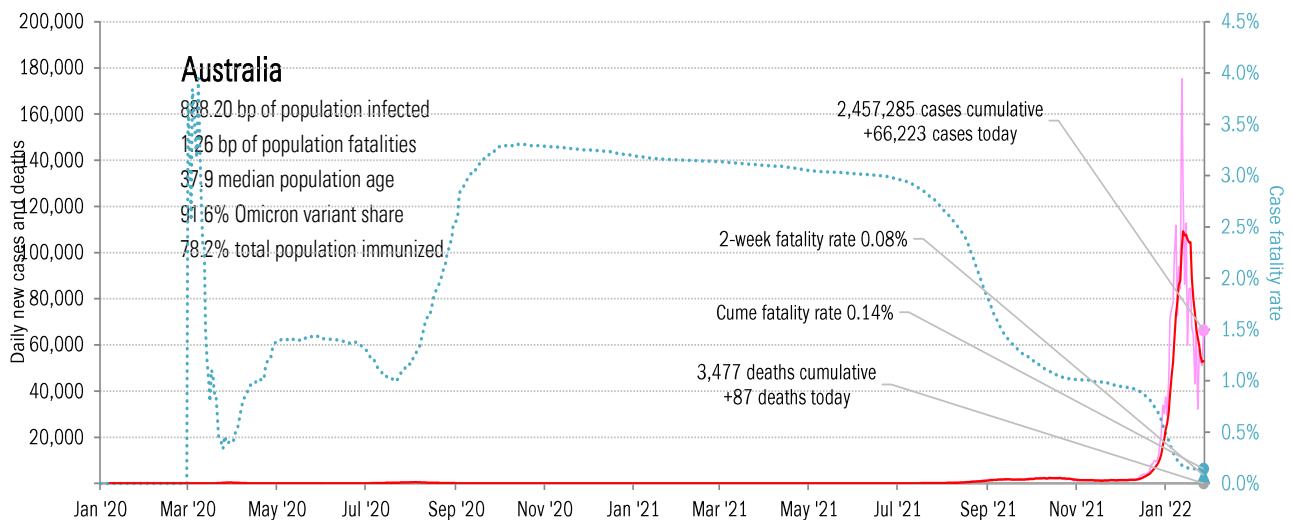
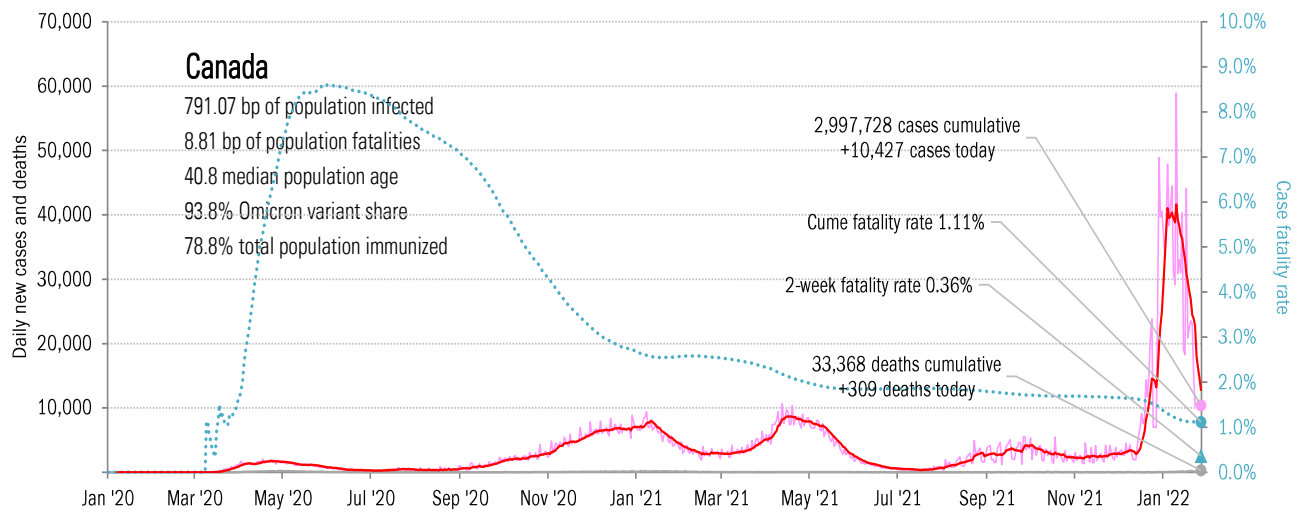
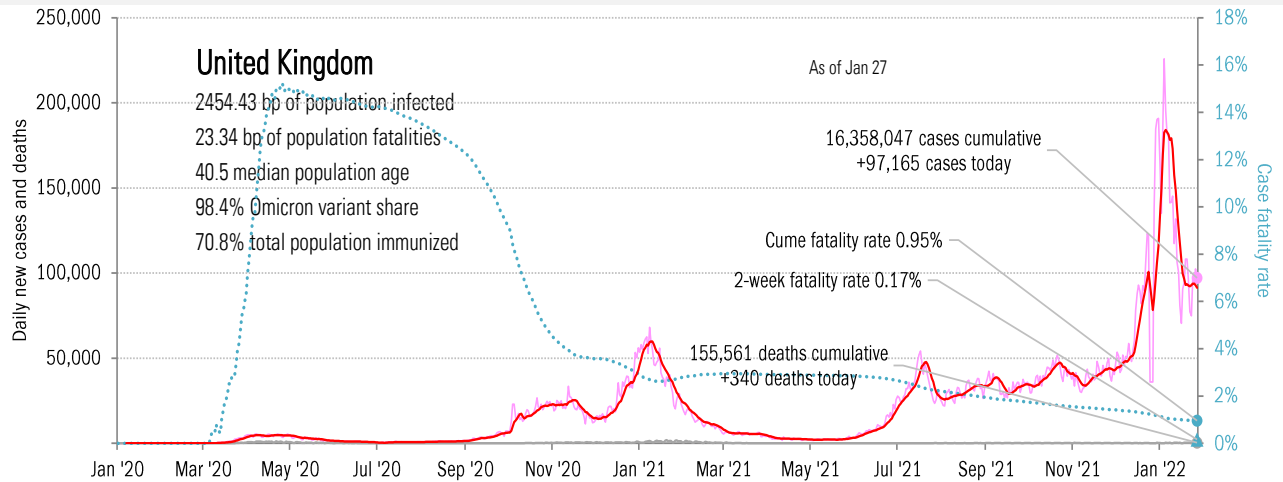
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

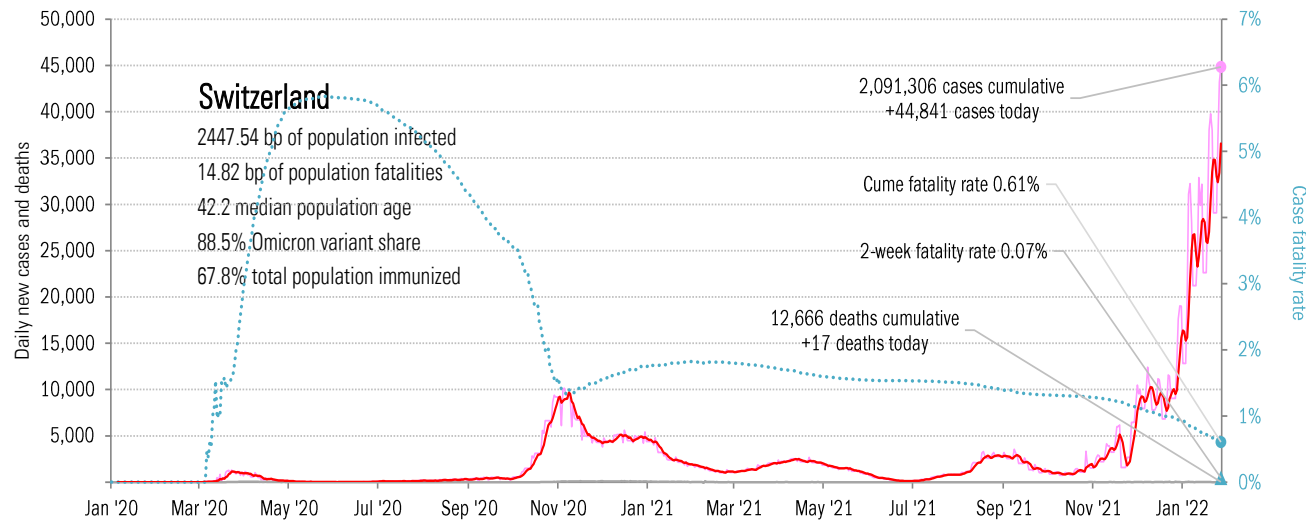
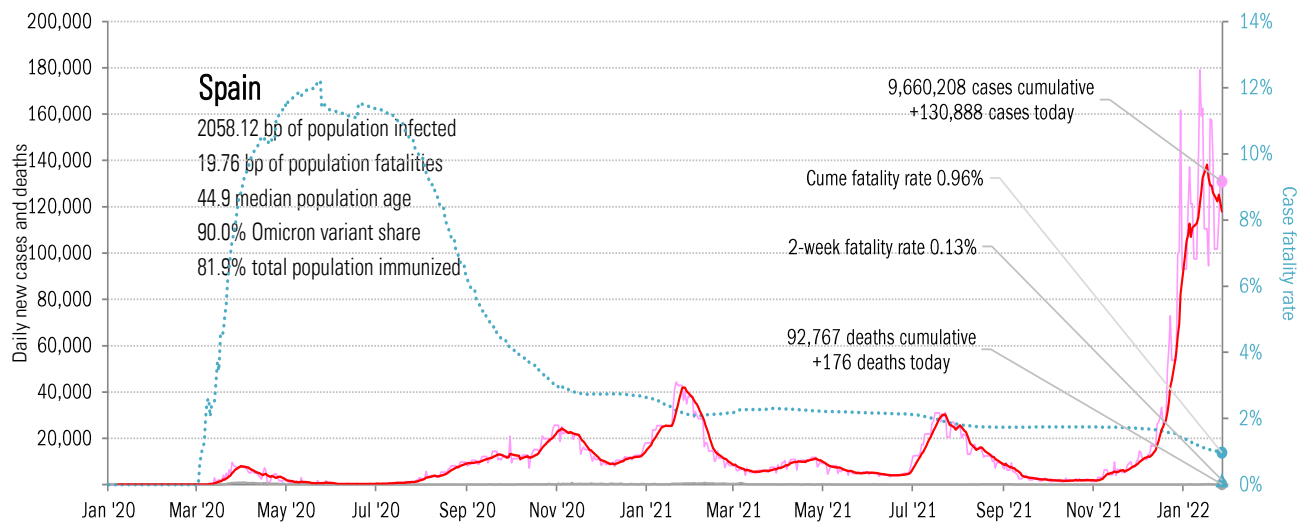
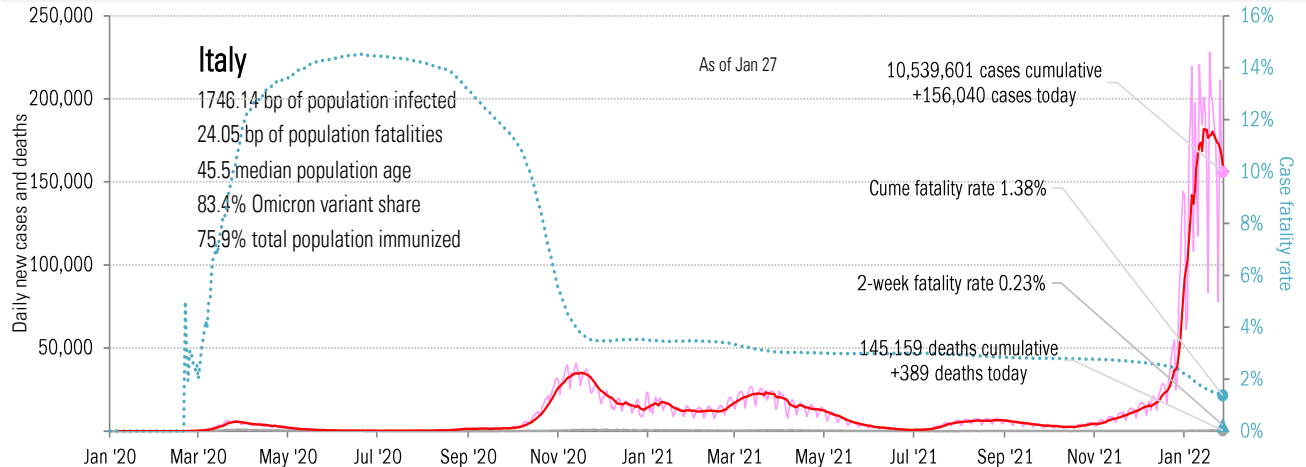
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

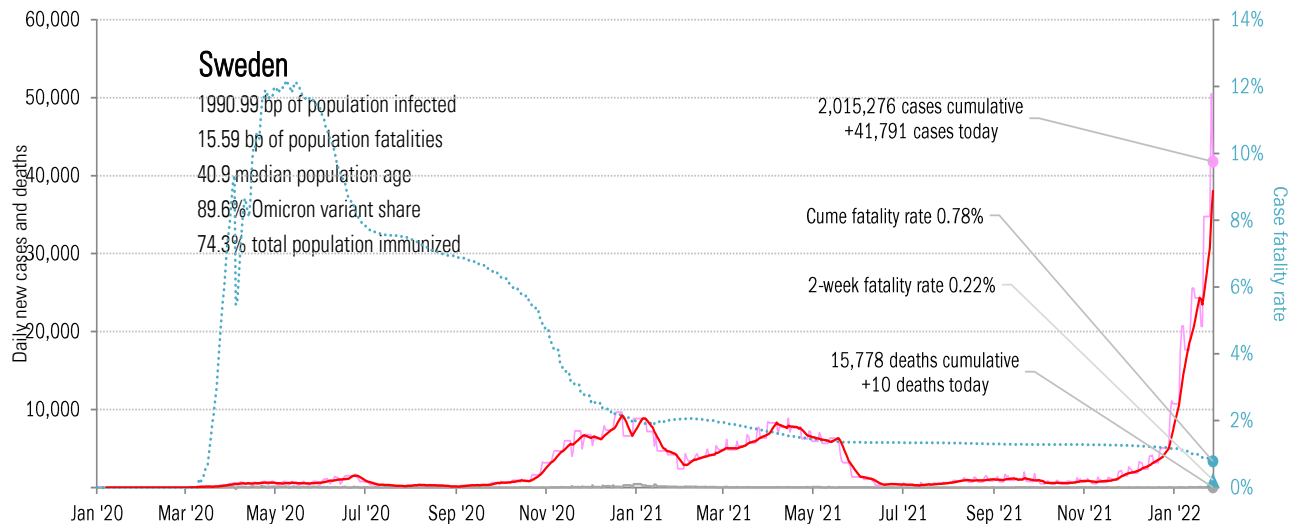
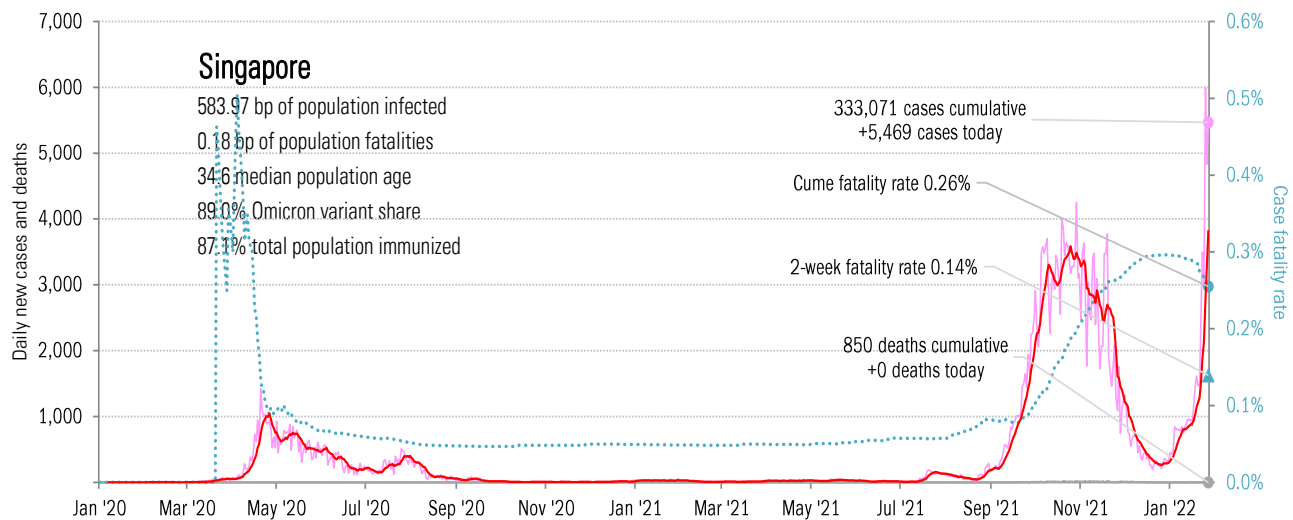
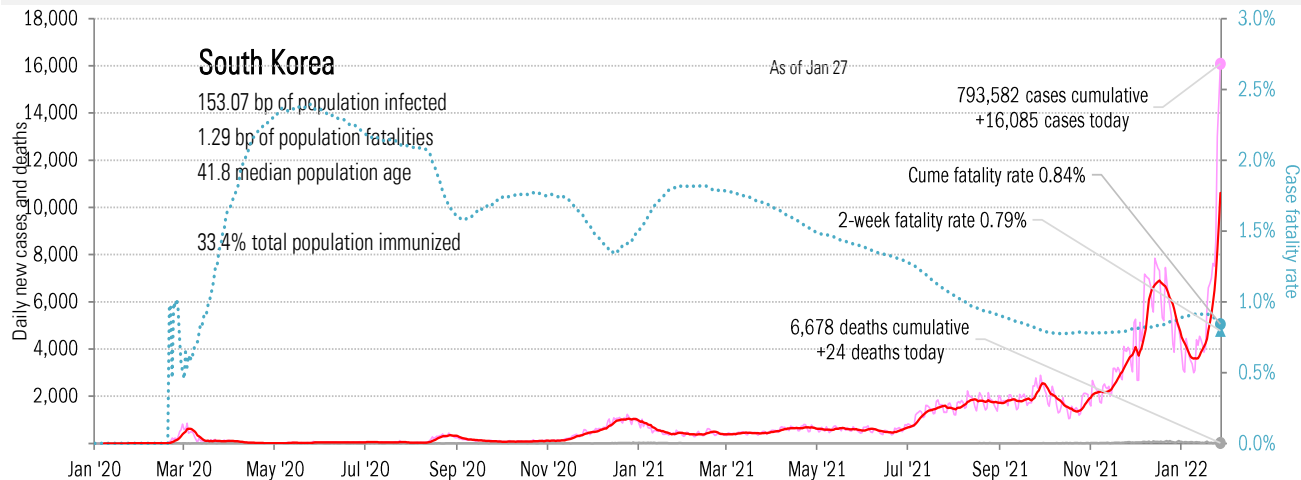
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

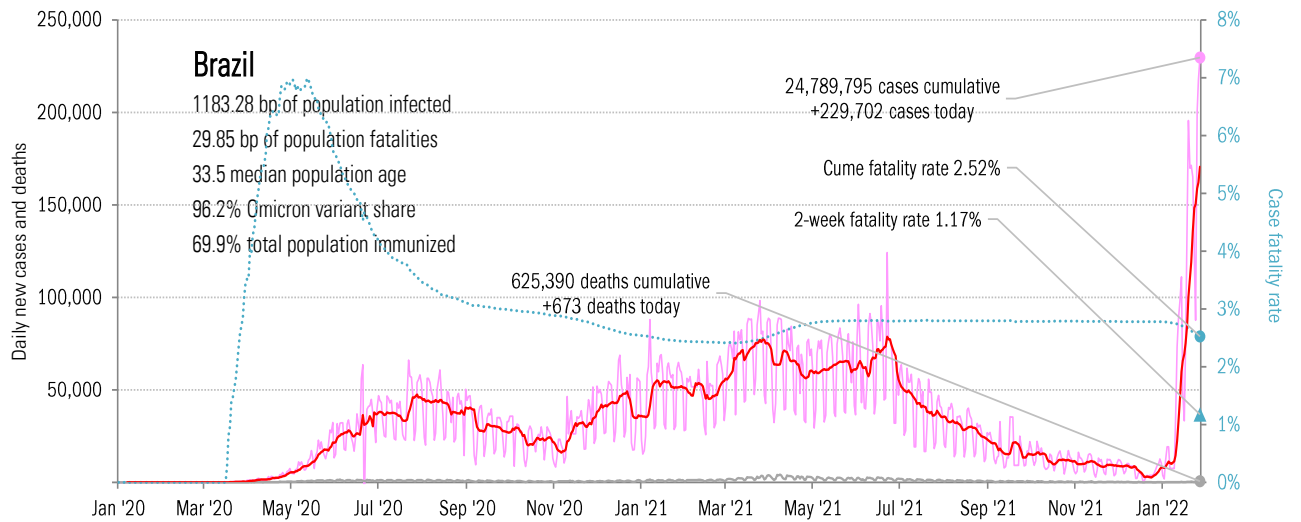
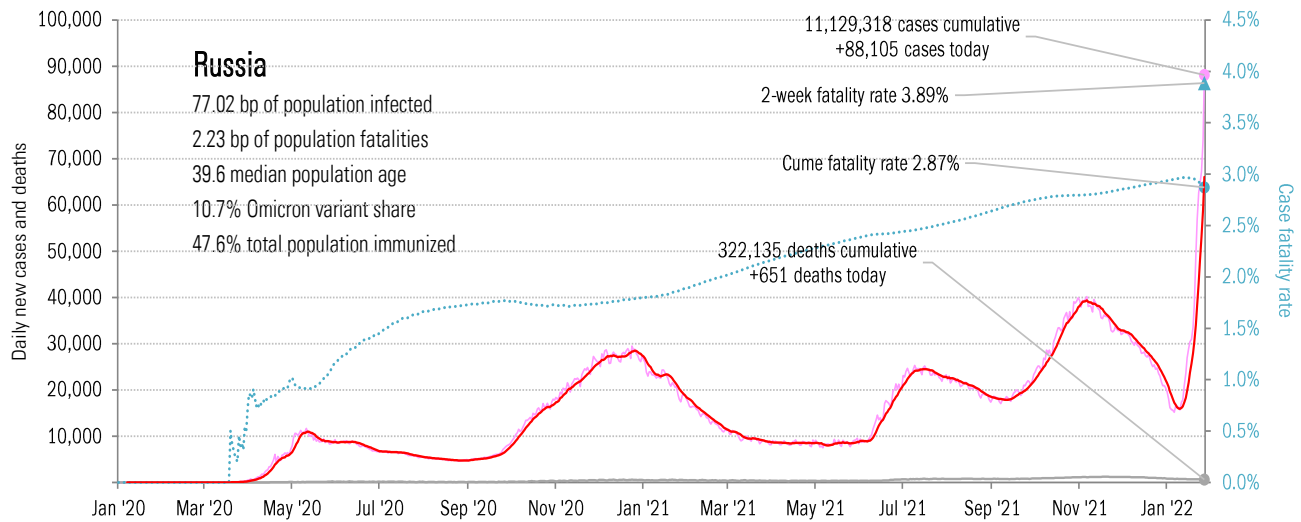
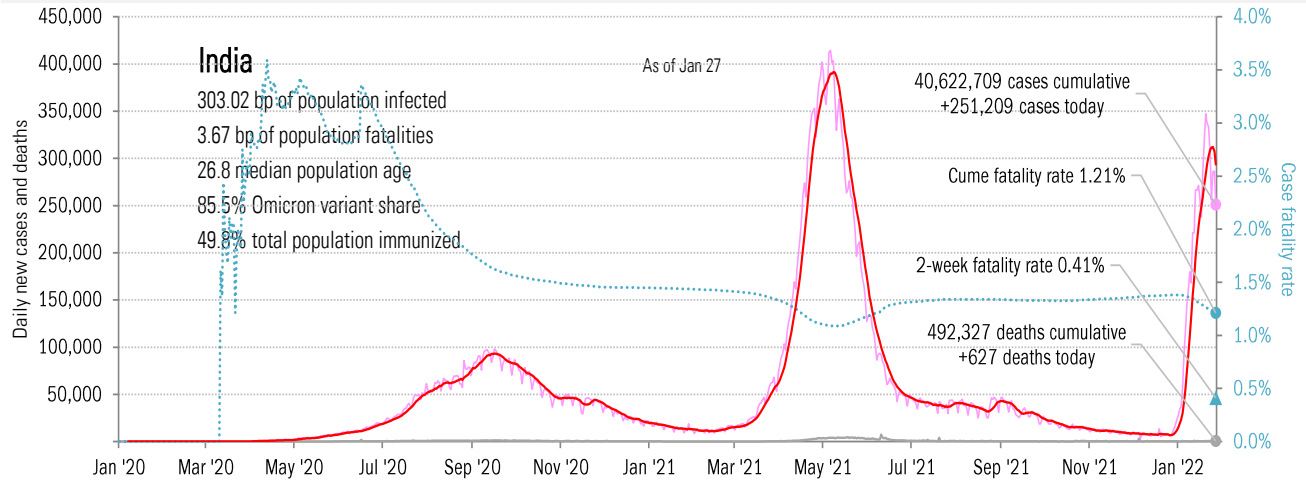
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

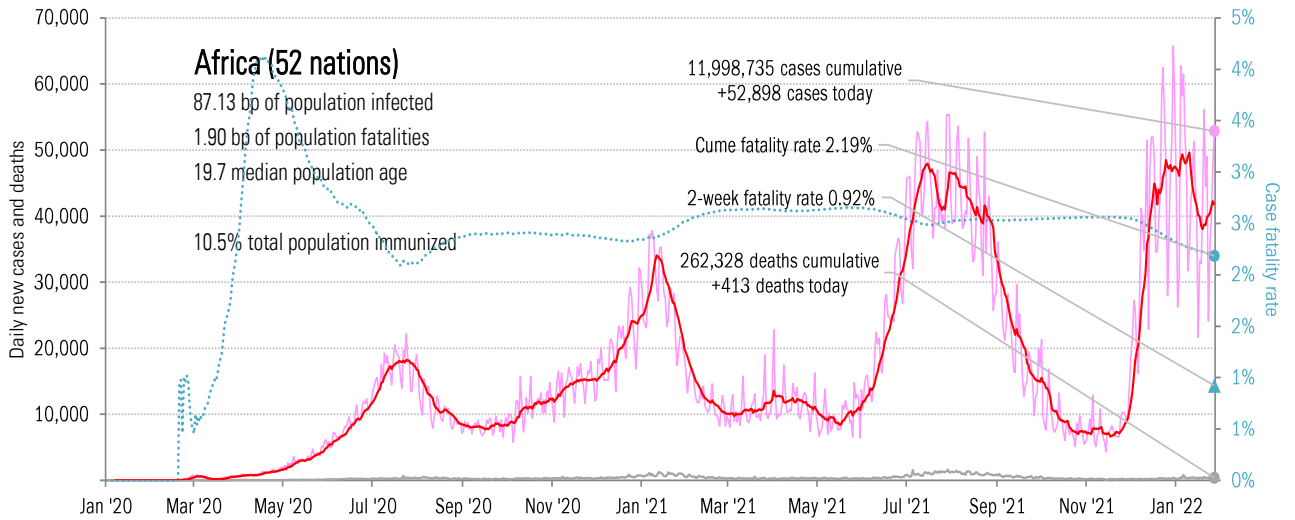
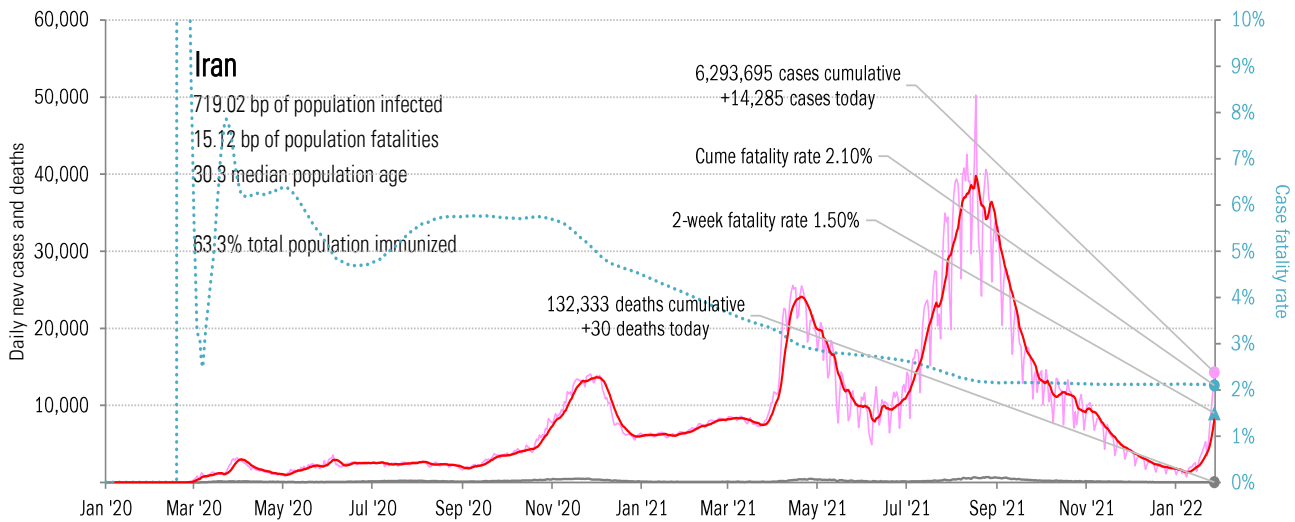
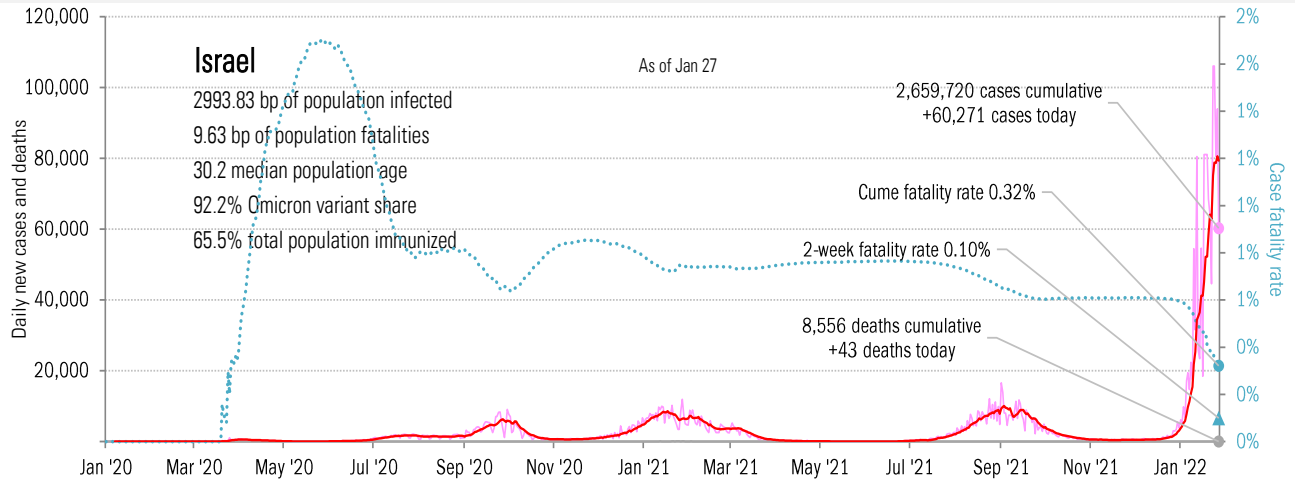
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

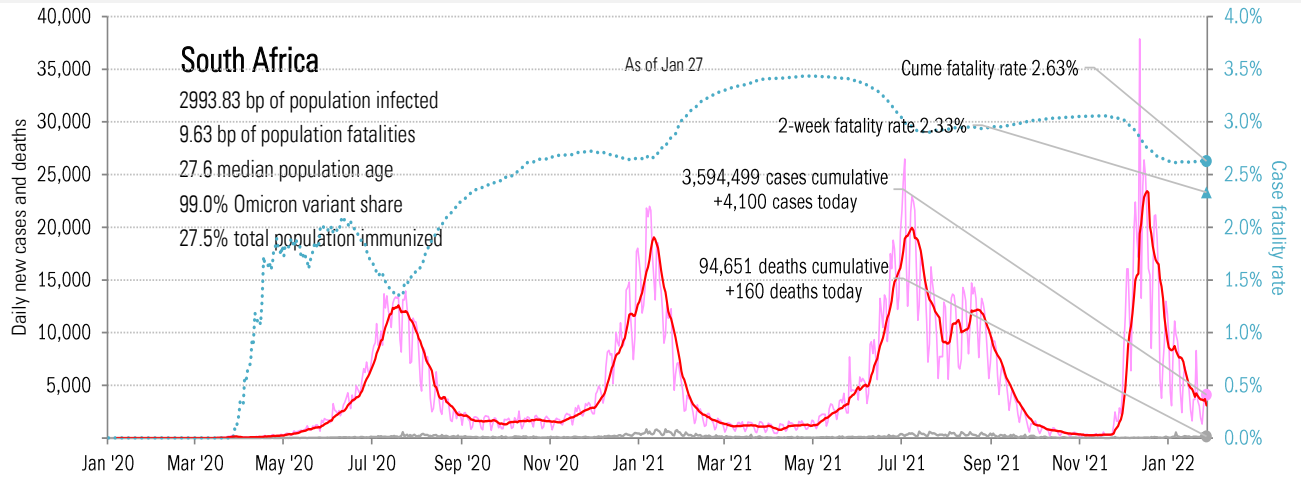
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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