

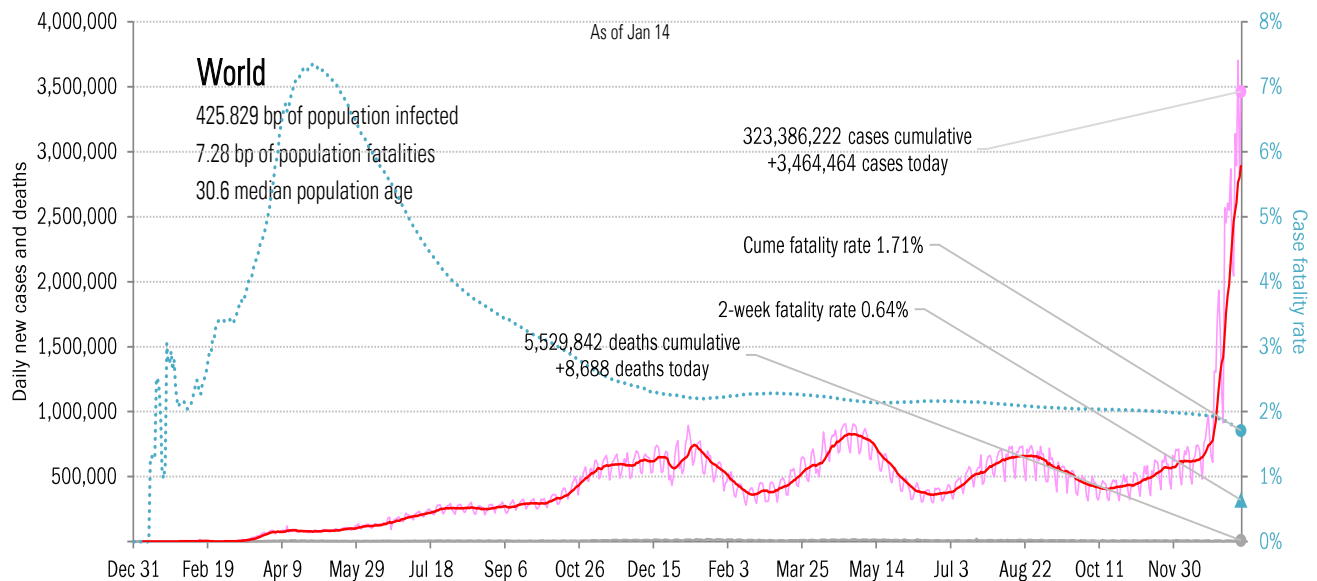
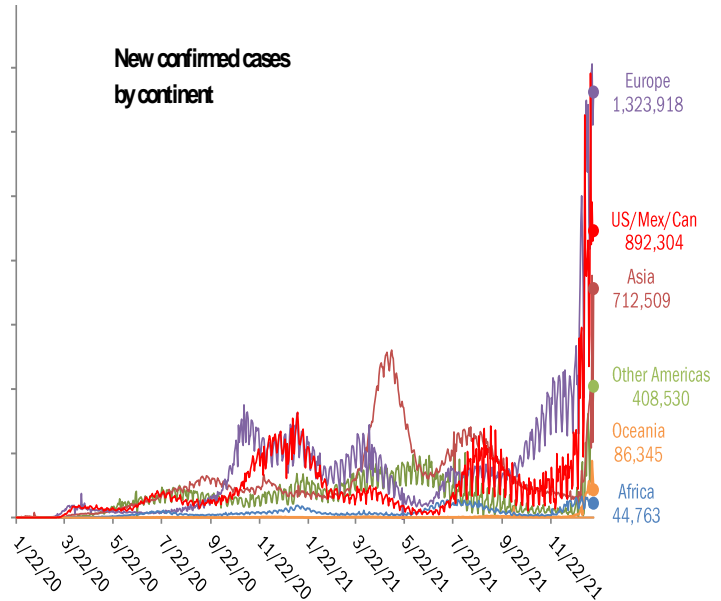
Data Insights: Covid-2019 Monitor

Saturday, January 15, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	851,998	United States	2,752
India	533,035	Russia	725
France	329,722	India	621
Italy	200,869	Ecuador	507
Spain	162,508	Poland	422
Argentina	139,853	Italy	360
Brazil	111,112	United Kingdom	274
United Kingdom	100,524	Brazil	233
Australia	86,288	Germany	233
Germany	77,175	France	191
2,593,084		6,318	
World	3,464,464	World	8,688
Top ten	75%	Top ten	73%



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

For more information contact us:

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

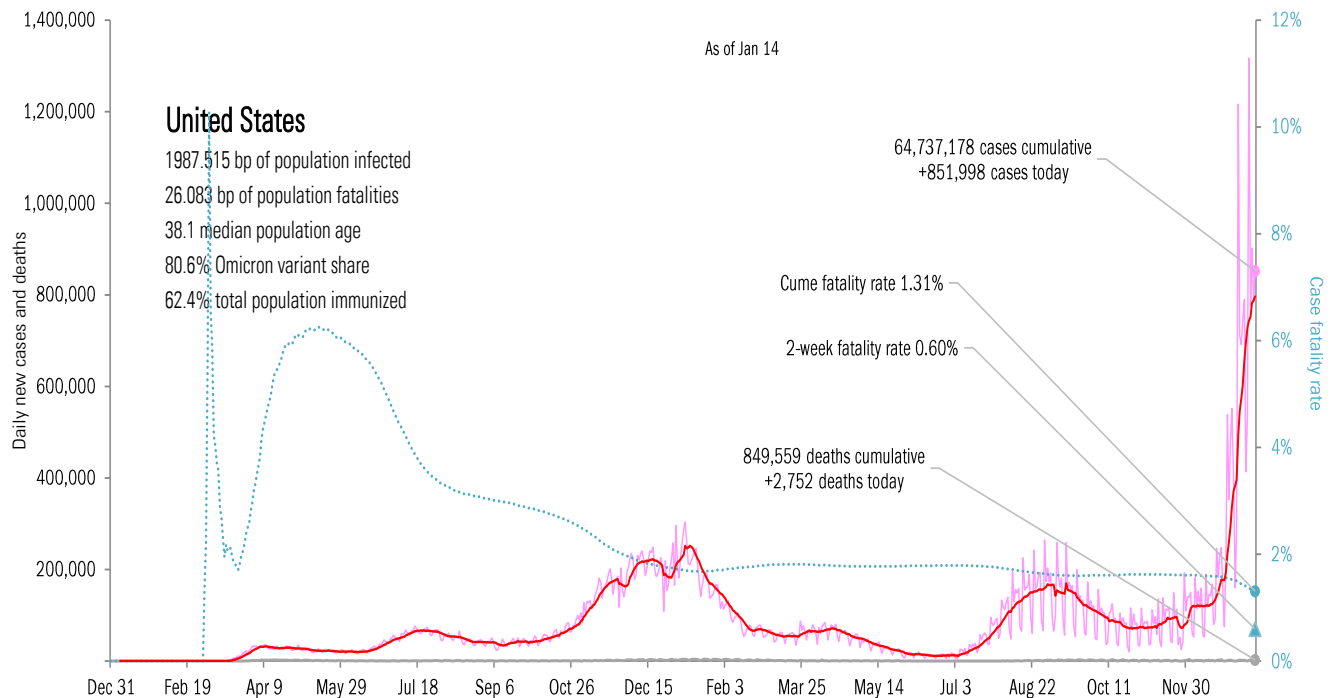
The ten worst US states

New cases			New Deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use	
CA	116,402	CH	487	CA	395	CA	6,836,637	CA	77,657	TX	426,100	GA	88%	RI	95%						
FL	55,156	MI	297	TX	365	TX	5,296,579	TX	76,919	FL	362,531	RI	87%	AL	92%						
NY	46,203	NY	221	LA	152	FL	4,811,794	FL	62,822	CA	358,755	MA	86%	TX	92%						
LA	45,783	PA	173	OK	111	NY	4,420,245	NY	61,654	NY	215,165	PA	86%	KY	92%						
MI	43,348	IL	153	PA	111	IL	2,589,636	PA	38,426	GA	181,623	MN	86%	GA	91%						
CH	41,455	CA	150	FL	89	PA	2,403,053	GA	31,928	CH	168,655	WV	85%	IN	91%						
KS	39,649	CT	114	CO	85	CH	2,307,691	IL	31,532	PA	155,487	MO	84%	NM	91%						
NC	35,759	NJ	106	AZ	84	GA	2,113,319	CH	30,922	IL	138,375	NH	84%	MO	89%						
IL	29,635	IN	103	NC	74	NC	2,011,302	MI	30,709	MI	125,180	AZ	84%	AR	89%						
WI	27,713	MD	71	MA	67	MI	1,984,056	NJ	29,959	KY	124,395	WA	83%	NV	89%						
481,103			1,875			1,533			34,774,312			472,528			2,256,266						
All states	851,998	2,752			1,285			All states	64,737,178	849,559			4,068,617			All states	70%	67%			
Top ten	56%	68%			119%			Top ten	54%	56%			55%			Median	79%	84%			

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TX	-64,959	FL	-371	NY	-618	DE	+20 bp
NY	-14,973	TX	-109	FL	-616	MD	+20 bp
NC	-9,074	NC	-34	CA	-375	MP	+20 bp
IL	-7,413	OK	-28	NJ	-328	AK	+10 bp
MA	-7,039	GA	-21	IL	-263	AZ	+10 bp

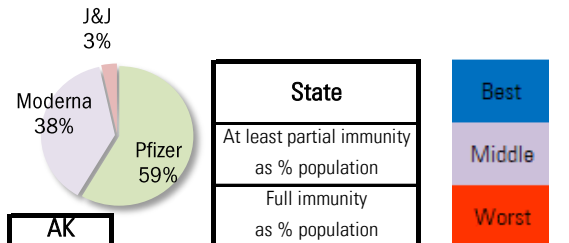


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

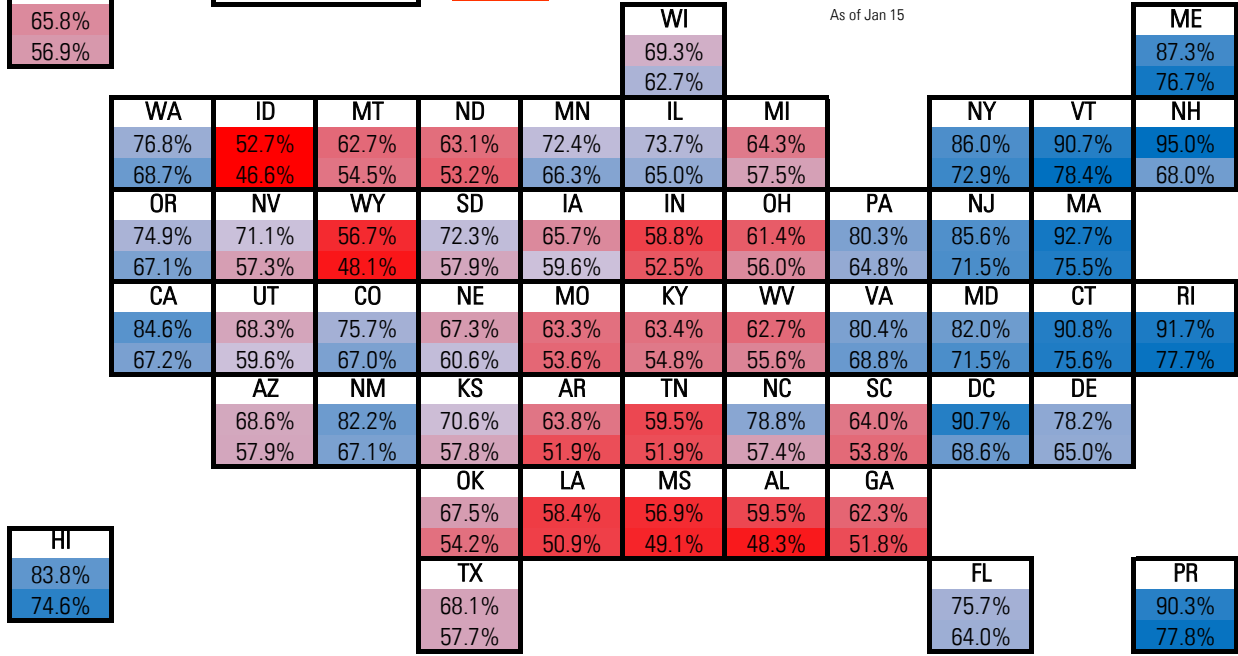
Administered	Cumulative	Today	Immunity	Full	Partial
Doses	539,047,005	+1.424 million	US	62.4%	74.8%
Boosters	80,081,884	+0.832 million	UK	70.1%	76.3%
	One dose	% Pop	Immune	% pop	New immune today
Total population	254,365,642	76%	213,948,865	64%	+0.229 million
Age 12 to 17	15,549,574	65%	13,023,384	55%	+0.023 million
Age 18 to 64	171,862,147	84%	144,989,398	71%	+0.109 million
Age 65 and over	58,094,567	100%	49,838,527	91%	+0.016 million

France	75.0%	79.1%
Spain	81.6%	86.3%
Germany	72.0%	74.3%
Italy	75.0%	81.6%
Australia	77.6%	80.9%
Israel	64.7%	71.8%
Canada	77.9%	84.2%
Japan	78.9%	80.3%
Africa	10.0%	15.3%
India	46.6%	64.9%
Brazil	67.9%	78.0%
China	84.2%	87.4%

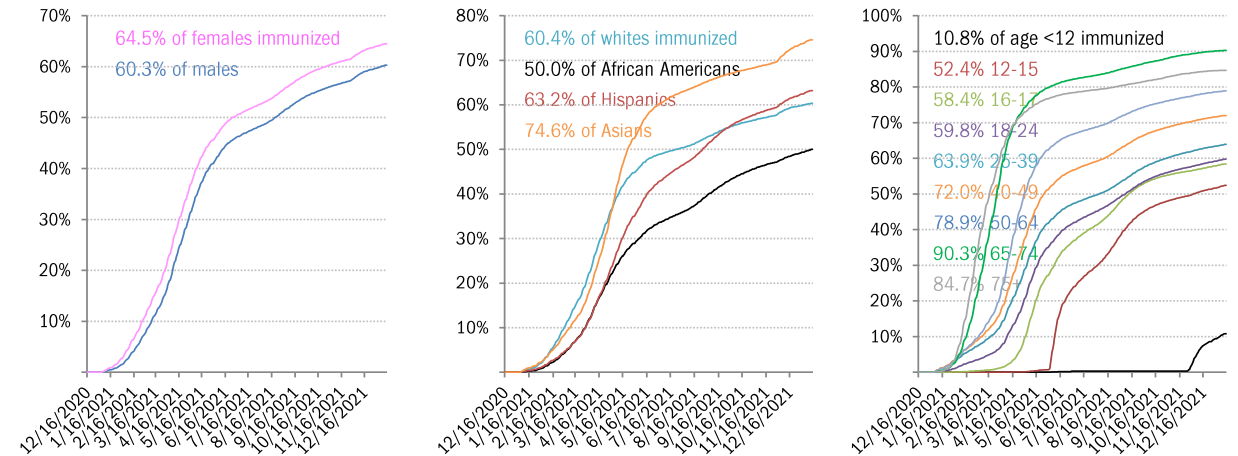


Every American >18 immunized in **354 days** by Jan 4, 2023
 75.5% of population >18 immunized
 22.8% previously tested positive
98.3% vs 60% adult herd immunity

Global data differs due to sources, timing



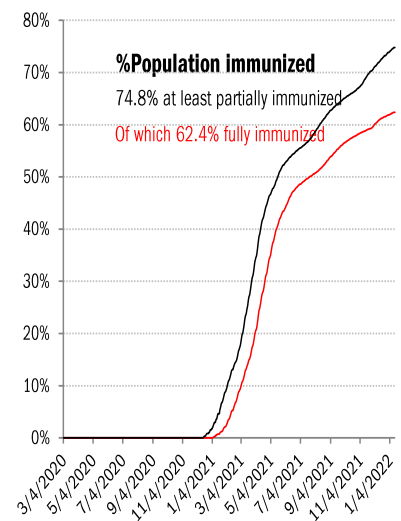
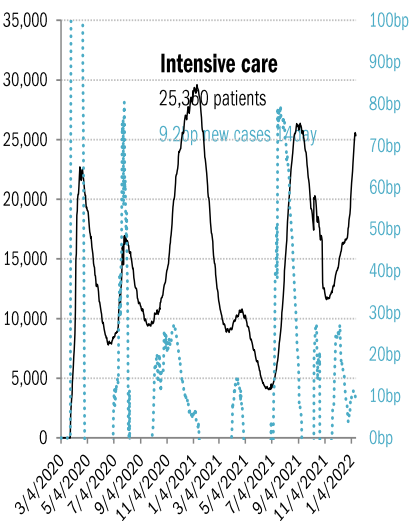
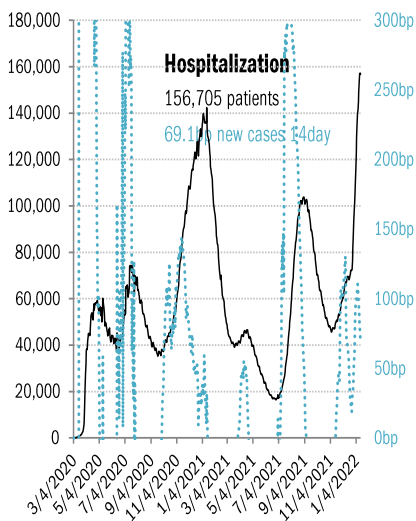
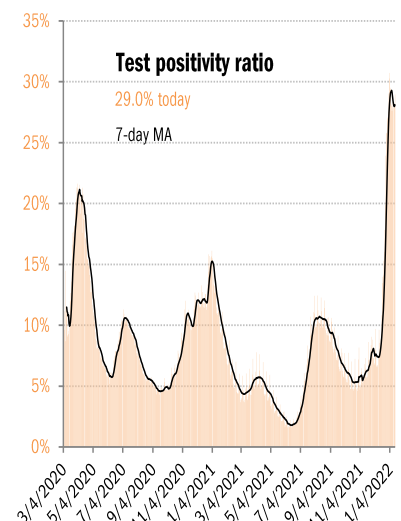
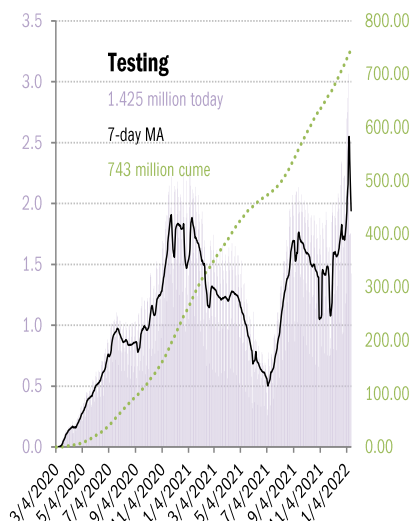
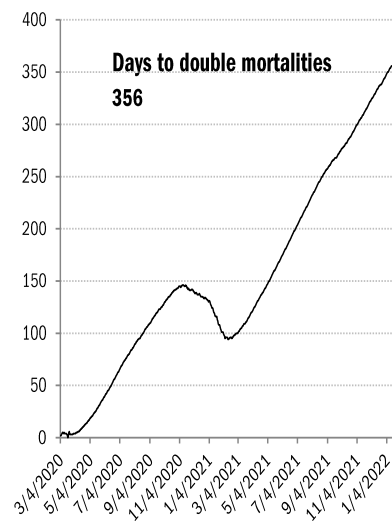
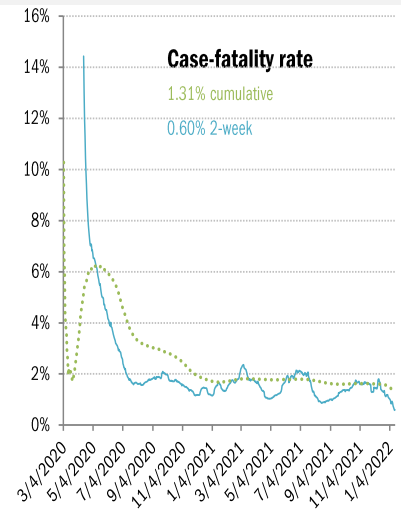
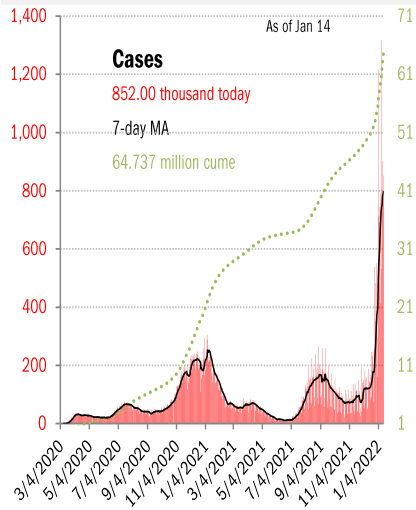
The demographics of US vaccination



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

Recommended reading

[Biden team regroups after court loss on COVID shots-or-test](#)

Zeke Miller
AP
January 15, 2022

[Fire Jeff Zients](#)

Daniel Boguslaw
The American Prospect
January 13, 2022

[Former Biden Advisers Urge a Pandemic Strategy for the 'New Normal'](#)

Sheryl Gay Stolberg
January 6, 2022

[Why did scientists suppress the lab-leak theory?](#)

Matt Ridley
Spiked
January 12, 2022

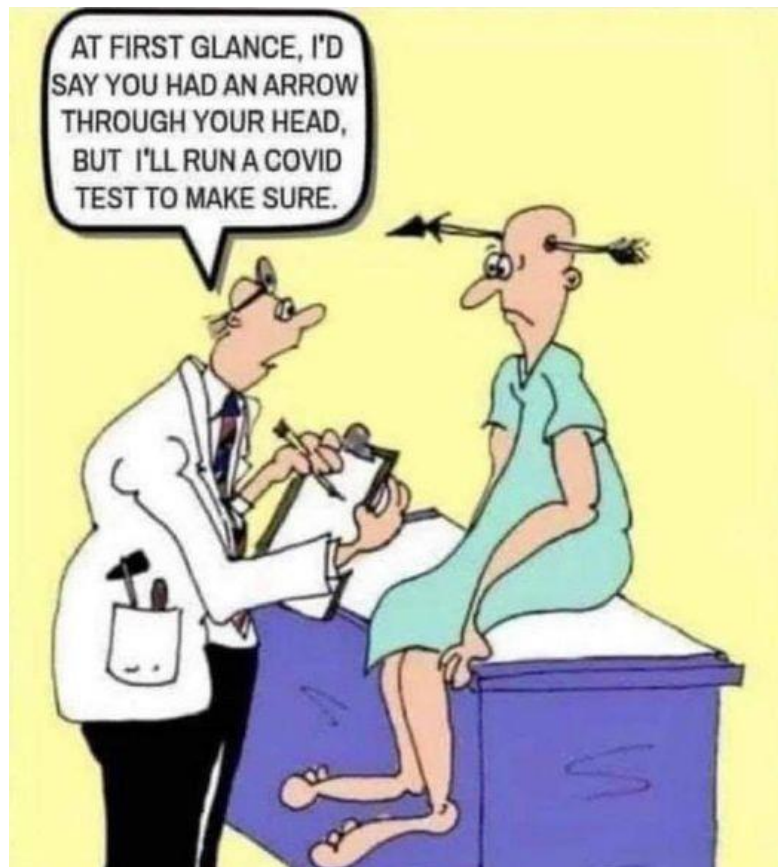
[Arizona Could See Clawback of Coronavirus Relief Funds Over Mask Rules, Treasury Says](#)

Amara Omeokwe
Wall Street Journal
January 14, 2022

[Supreme Court Cites Biden Chief Of Staff Ron Klain's Twitter Feed In Smackdown Of Illegal Vaxx Mandate](#)

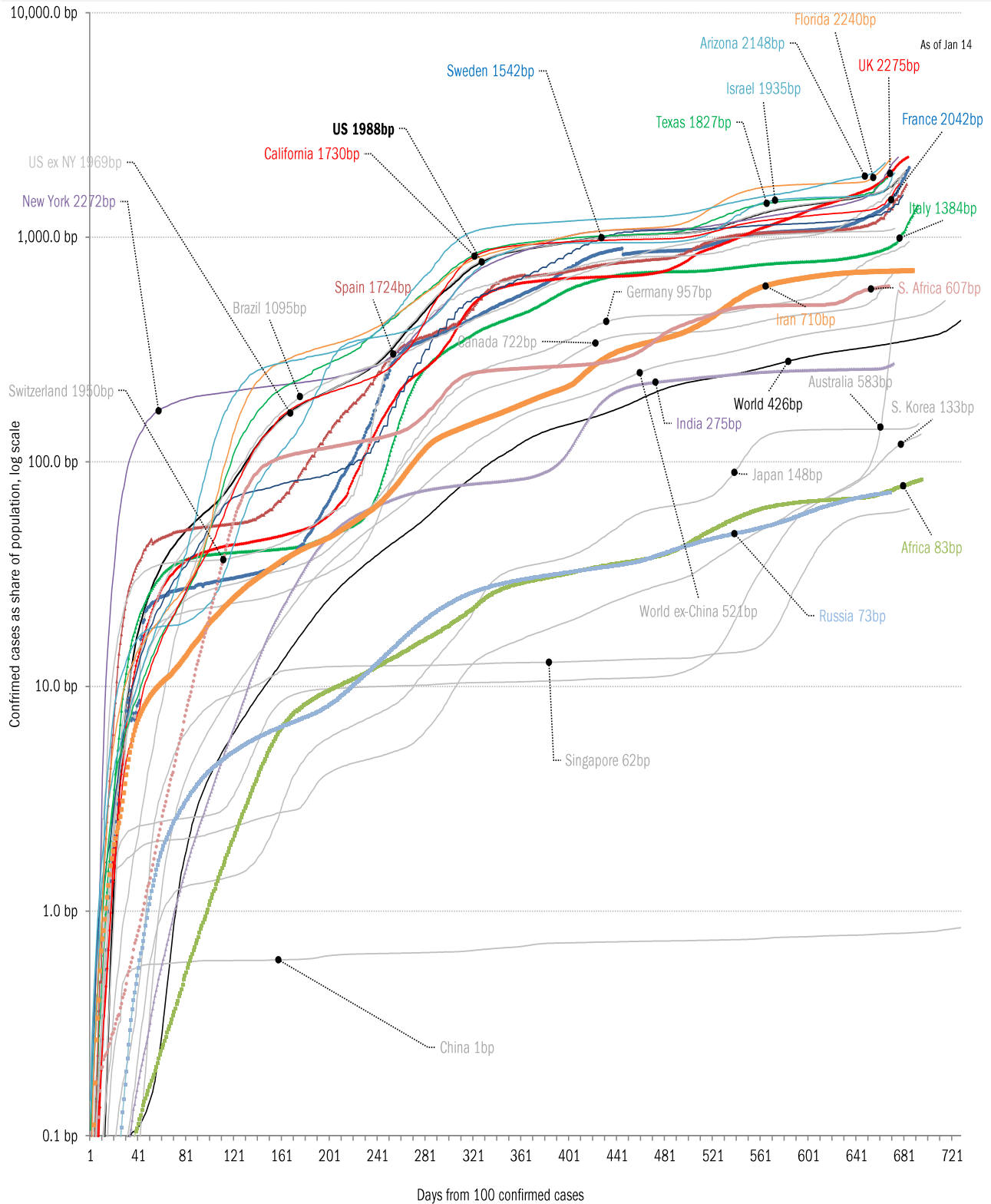
Jordan Boyd
The Federalist
January 13, 2022

Meme of the day



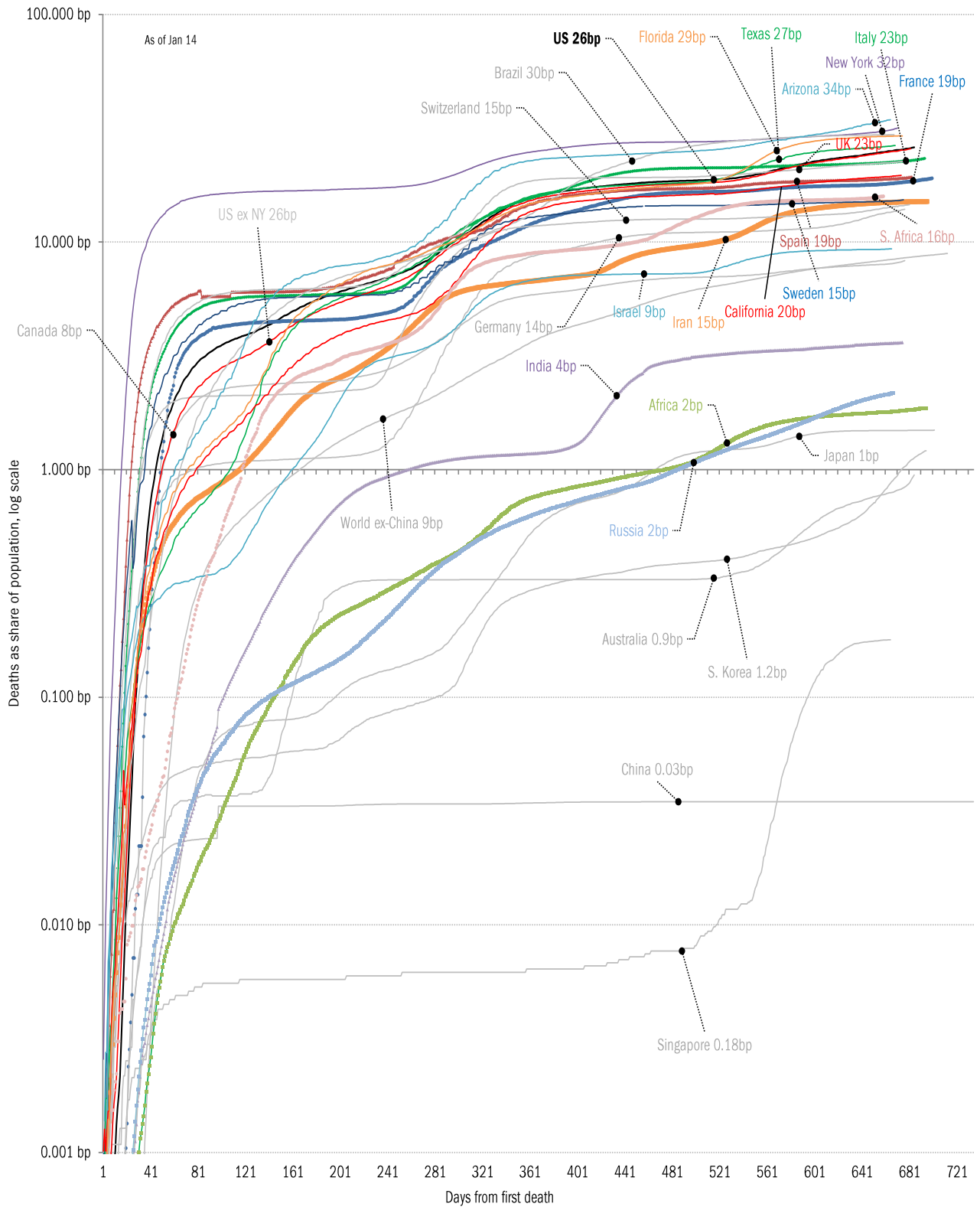
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

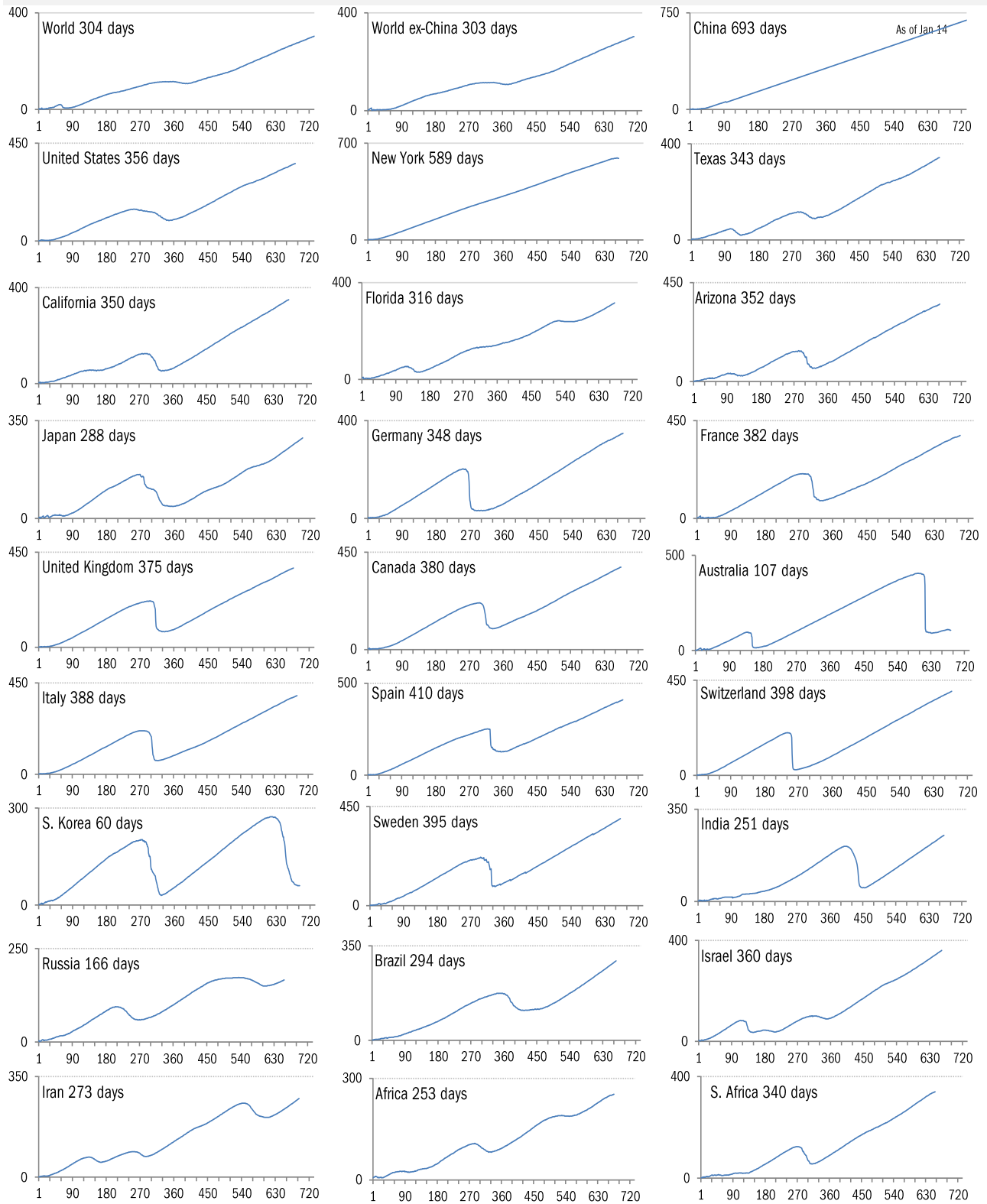


Source: [Johns Hopkins](#), TrendMacro calculations

"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

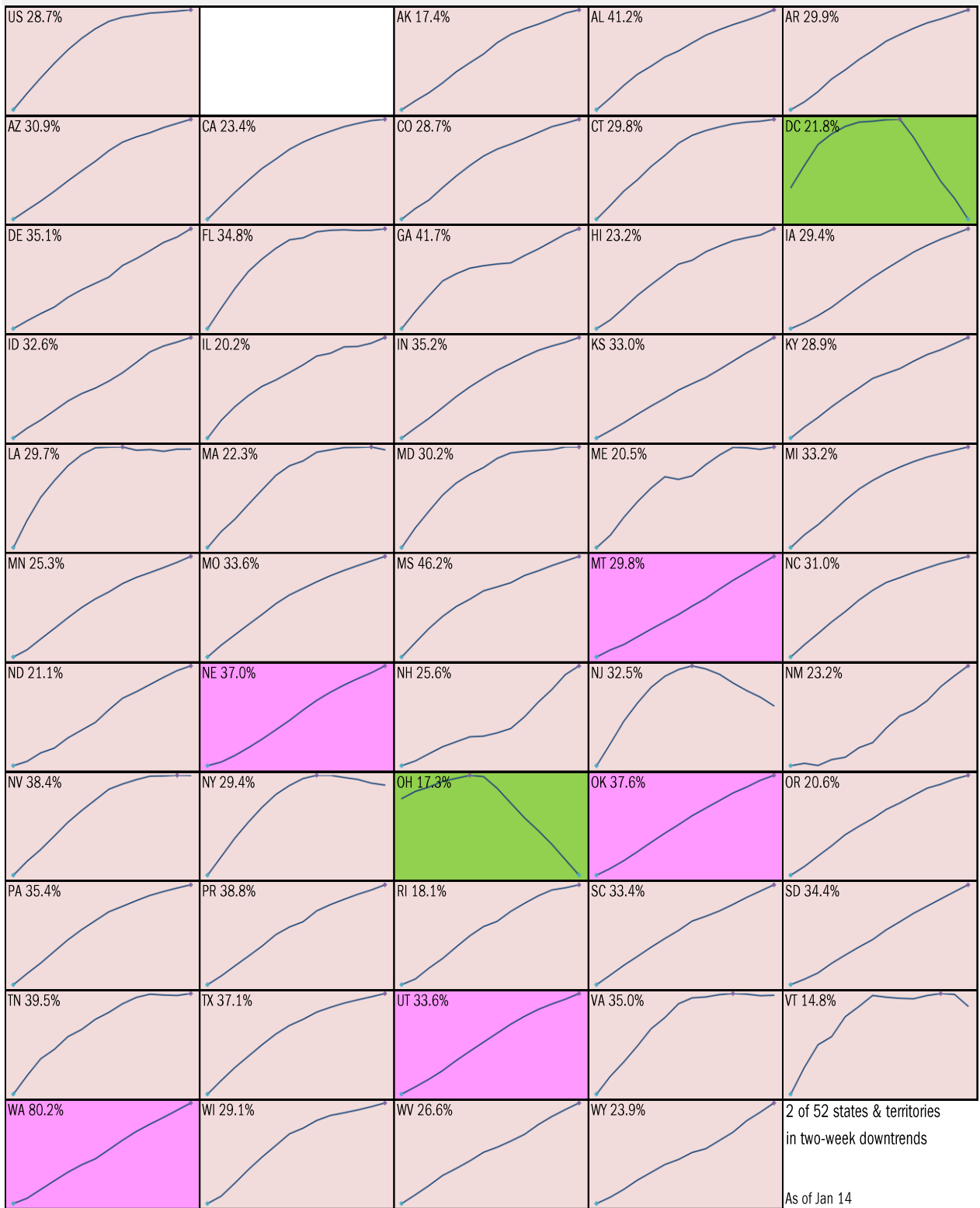


Source: [Johns Hopkins](#), TrendMacro calculations

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

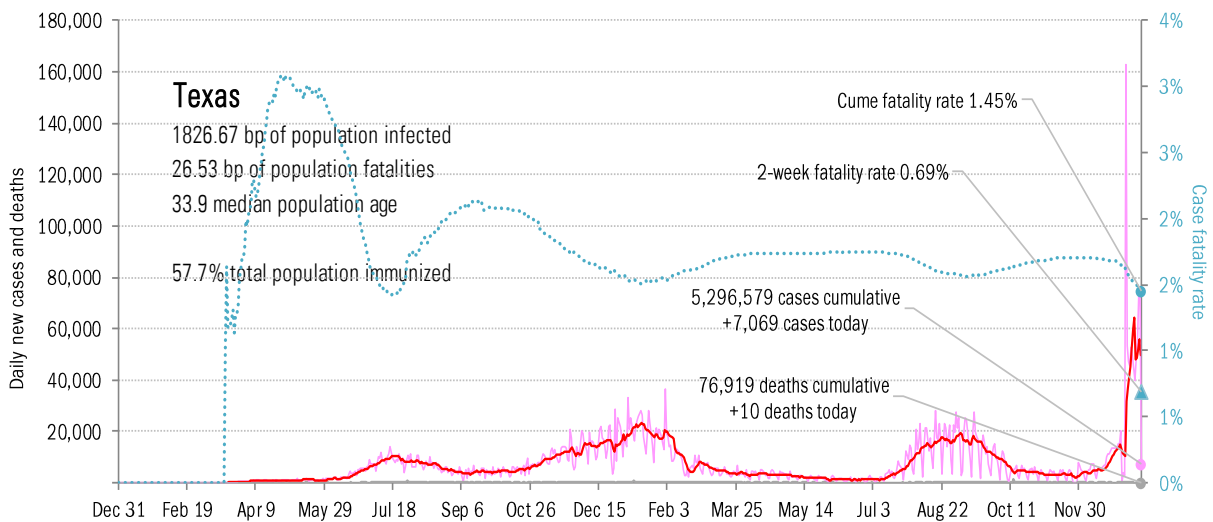
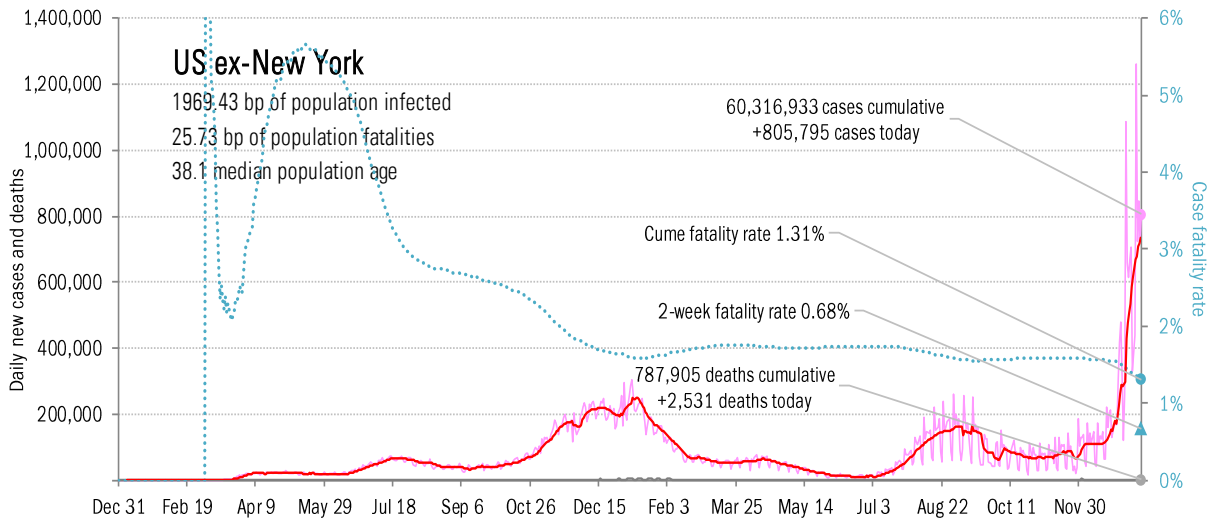
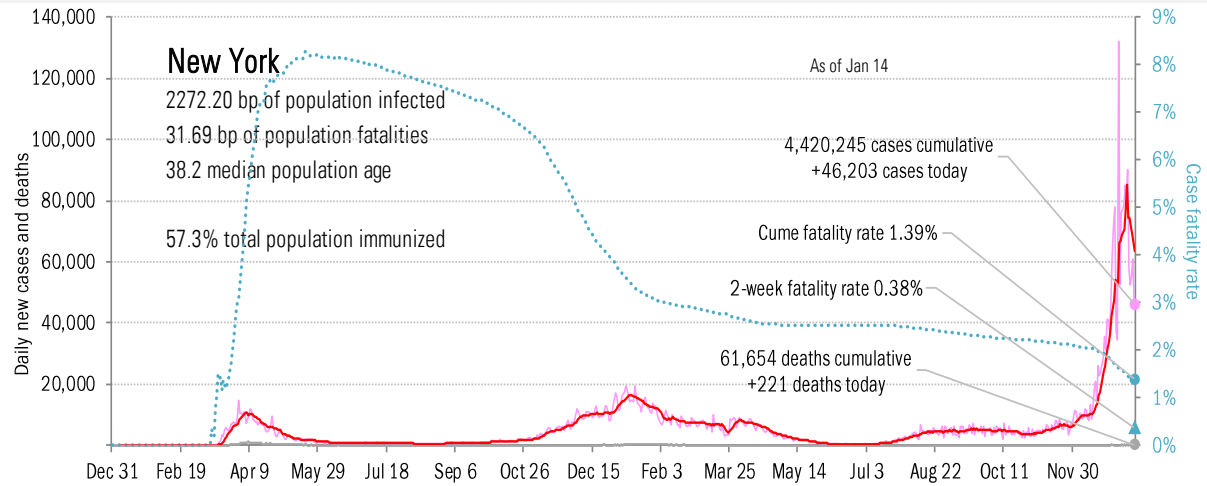
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

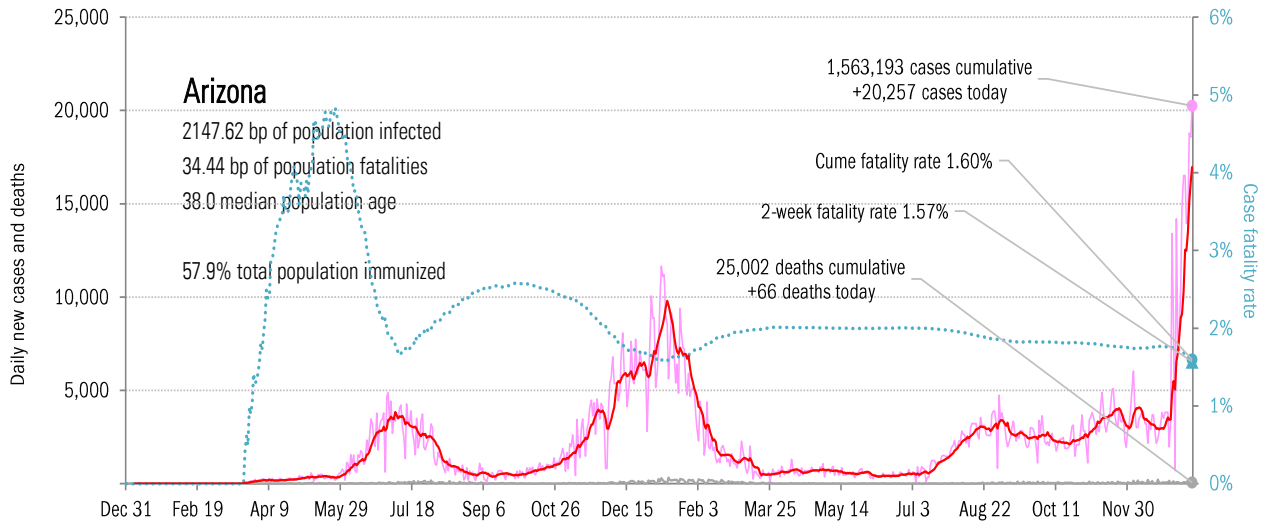
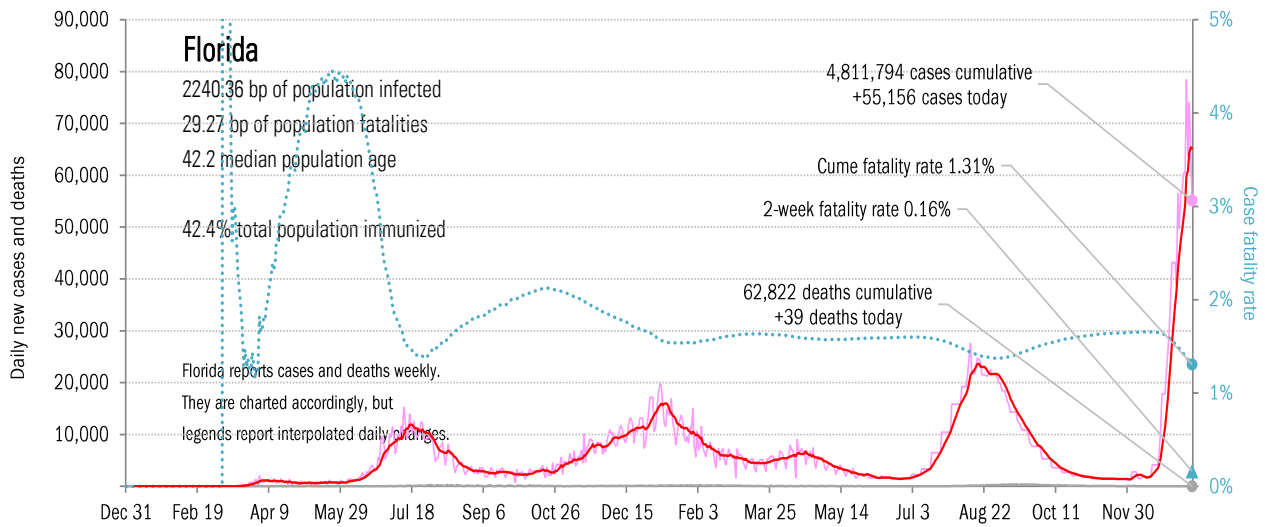
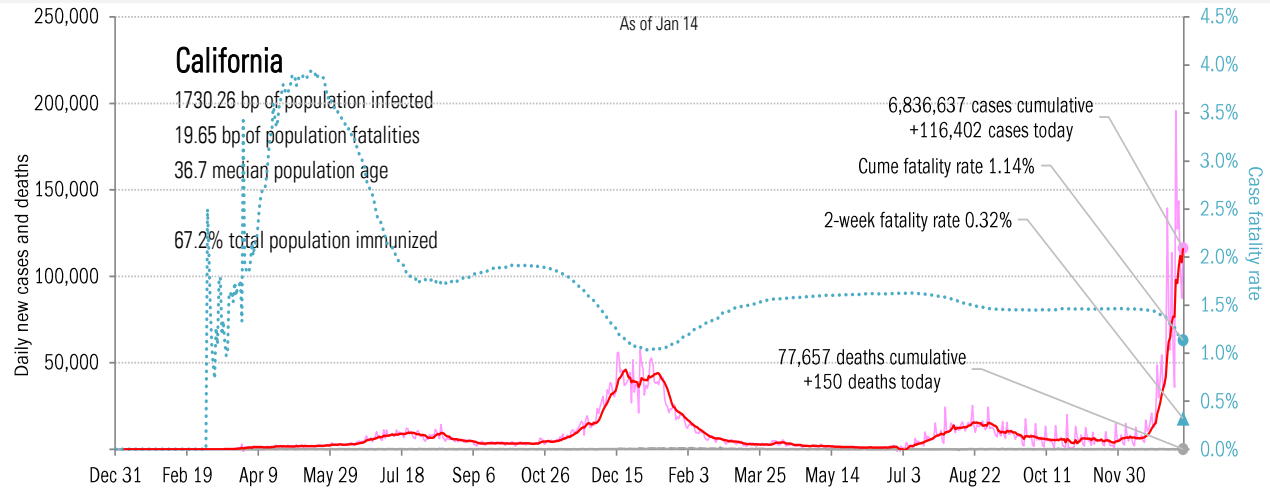
Cases: 7-day average and daily Deaths: Daily



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

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

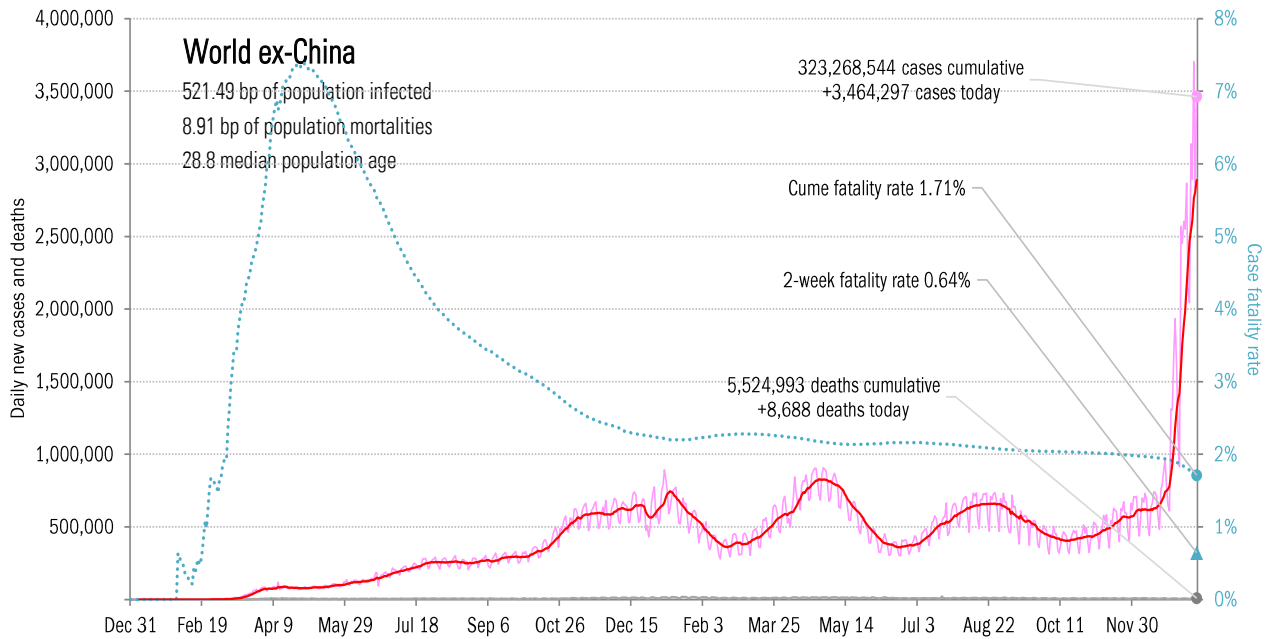
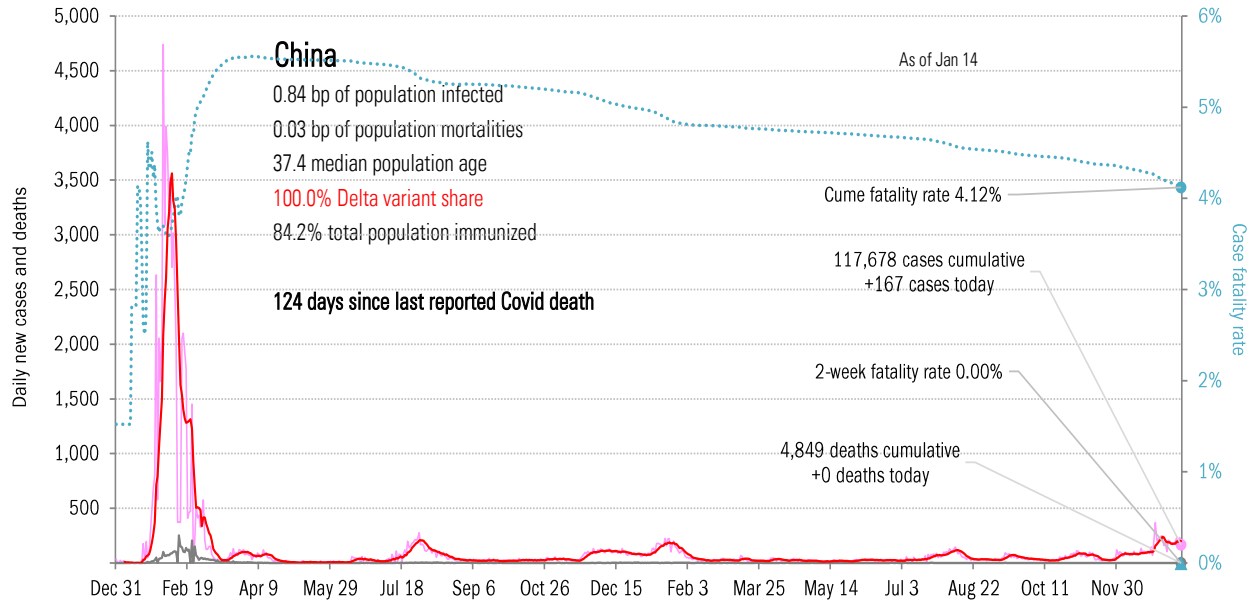
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

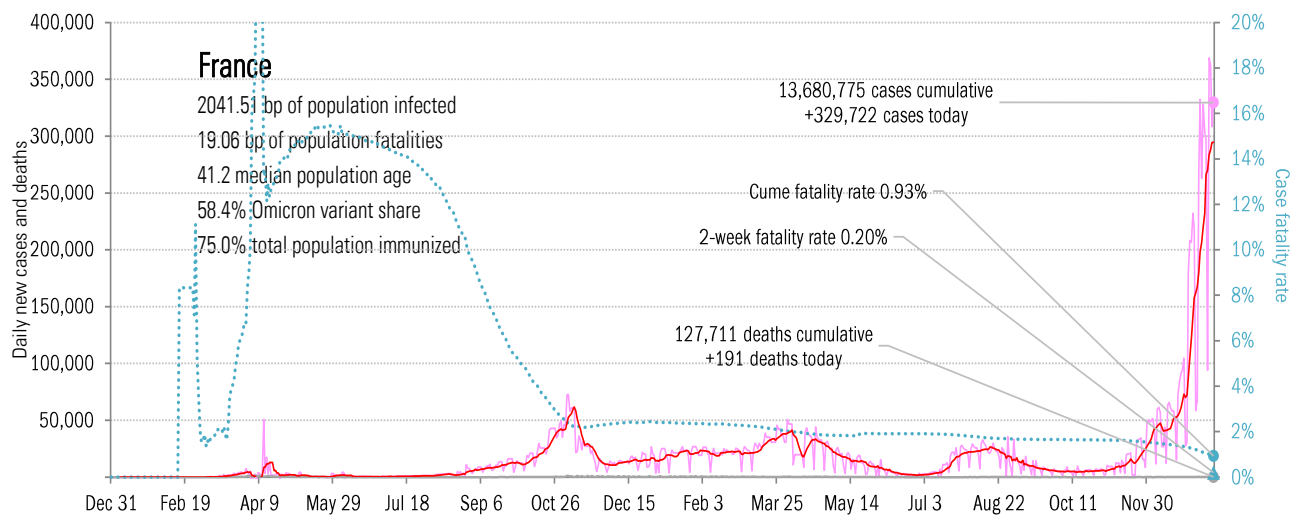
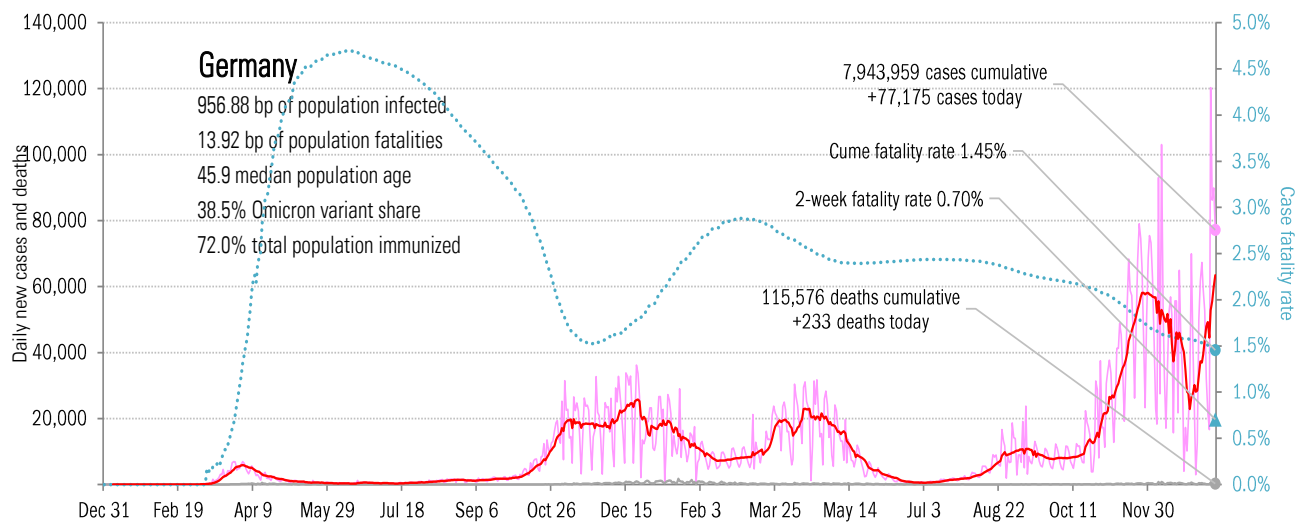
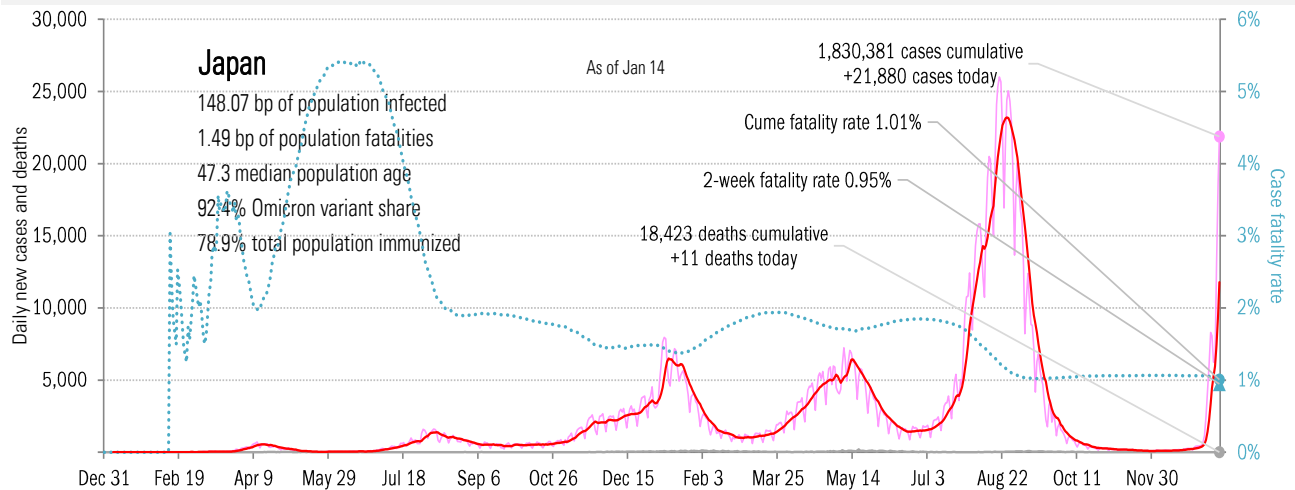
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

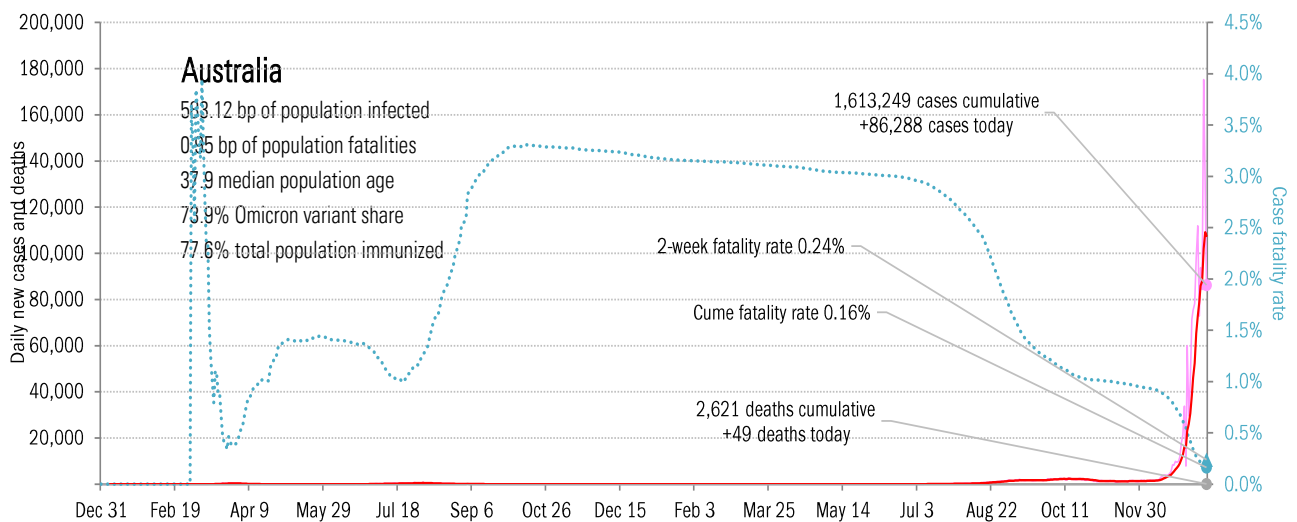
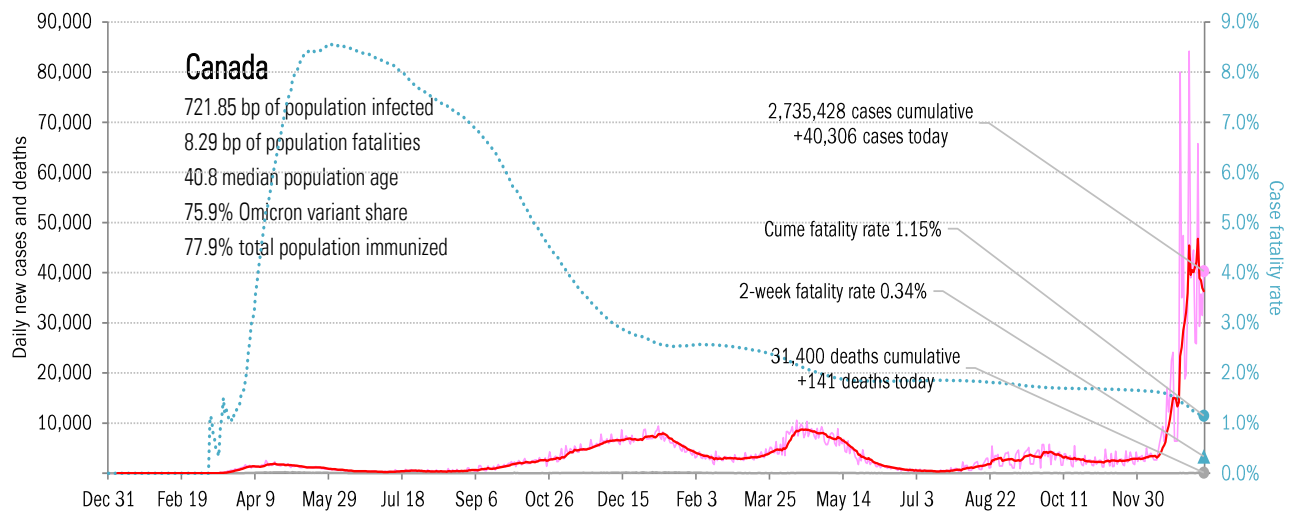
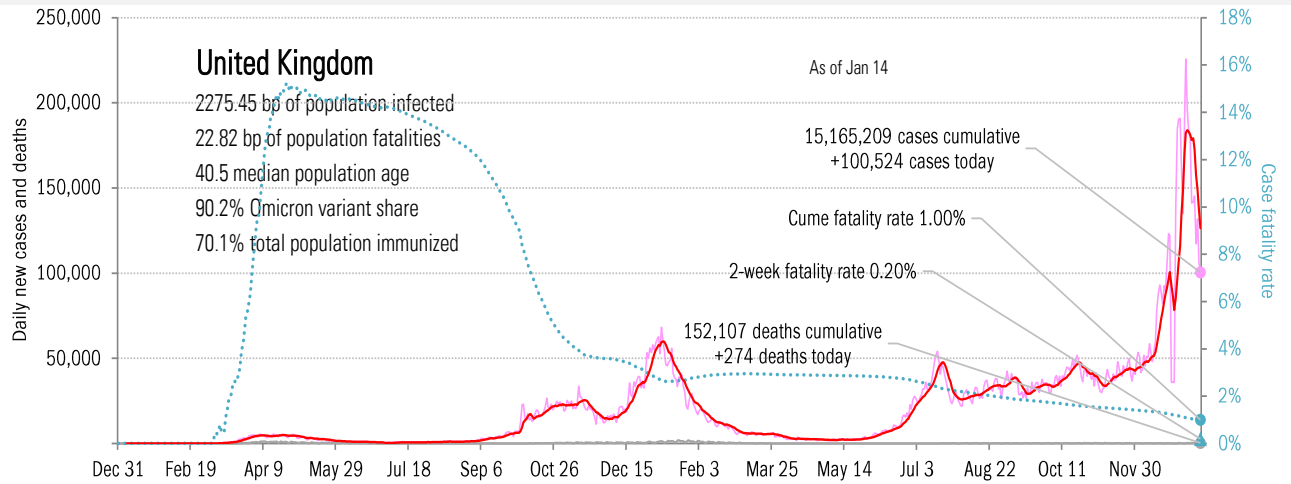
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

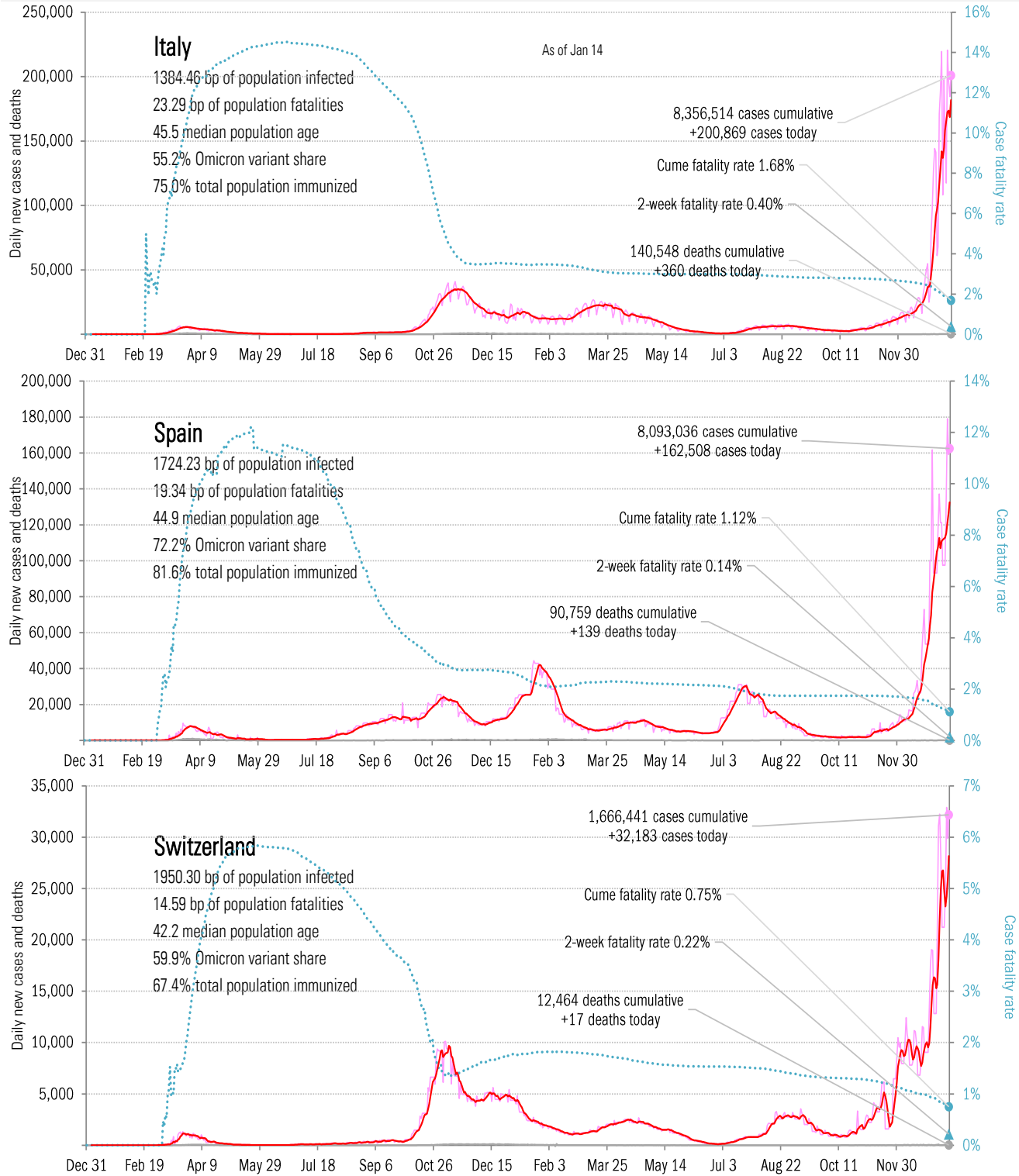
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

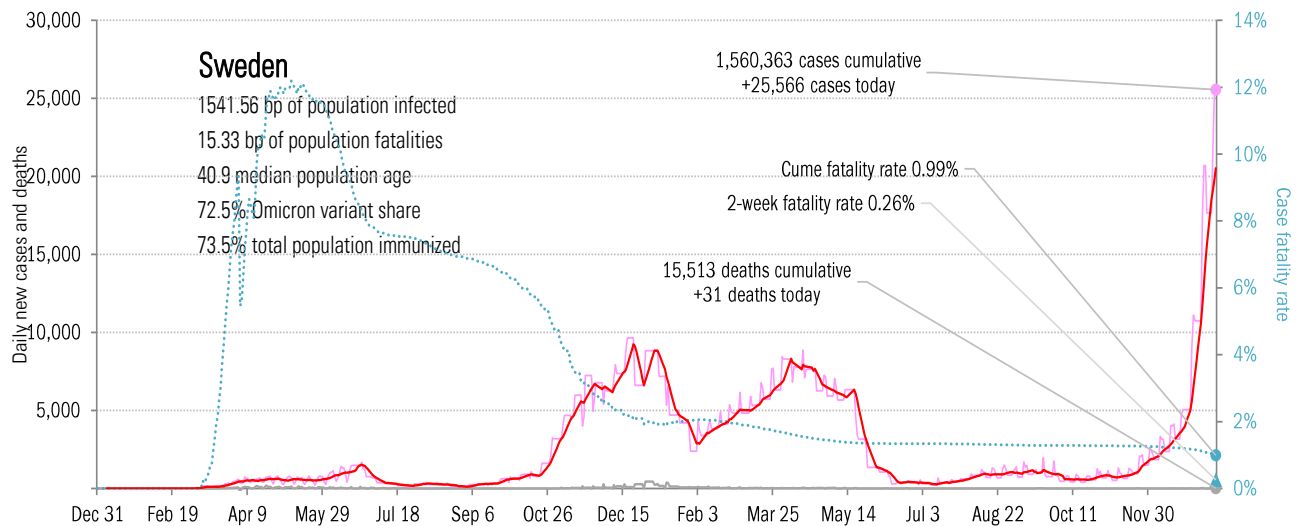
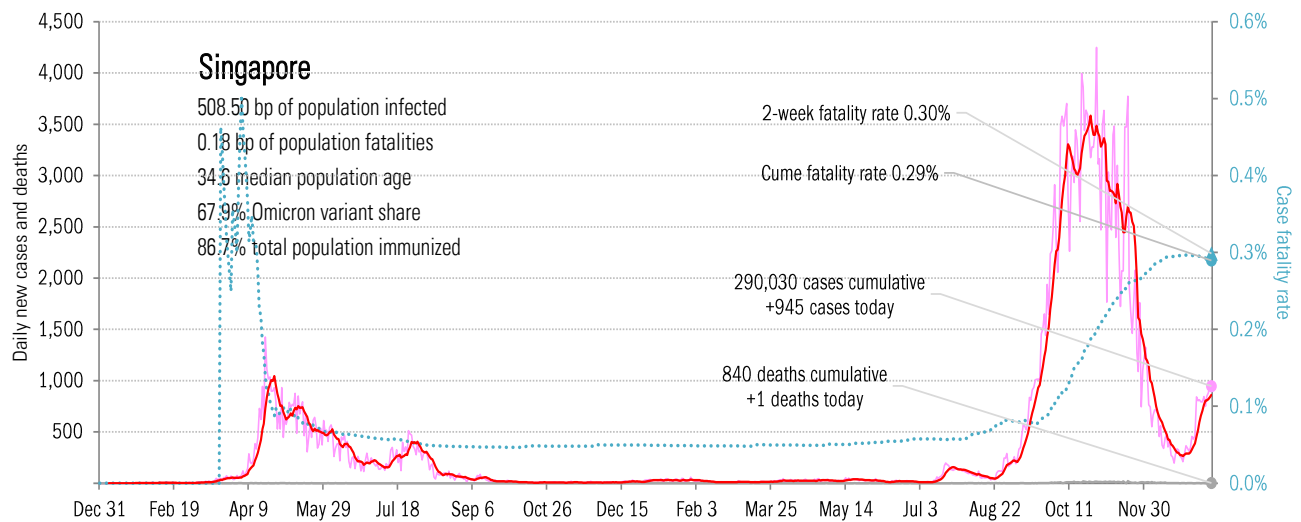
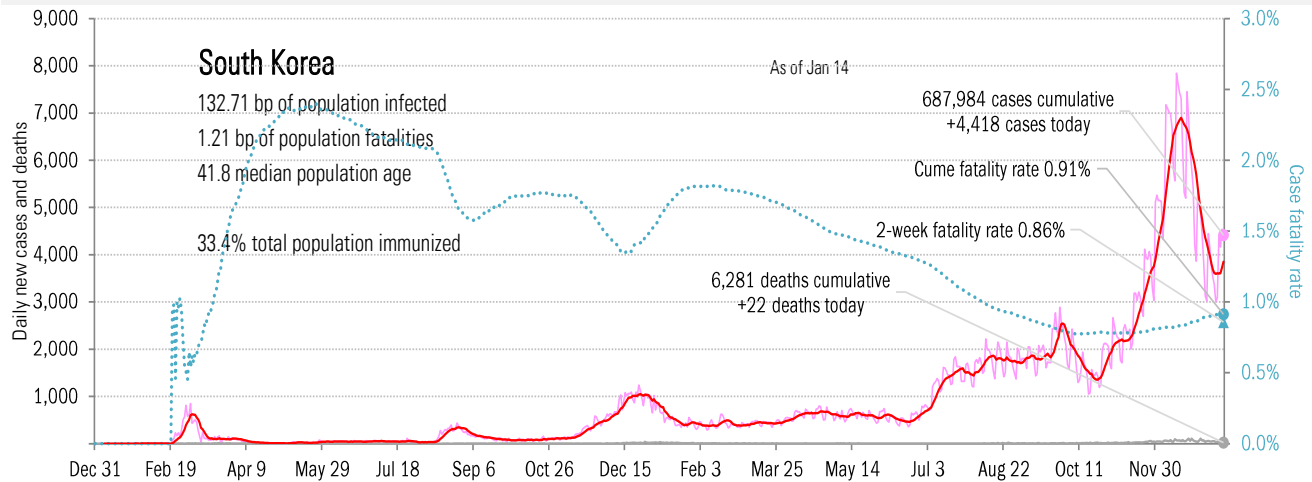
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

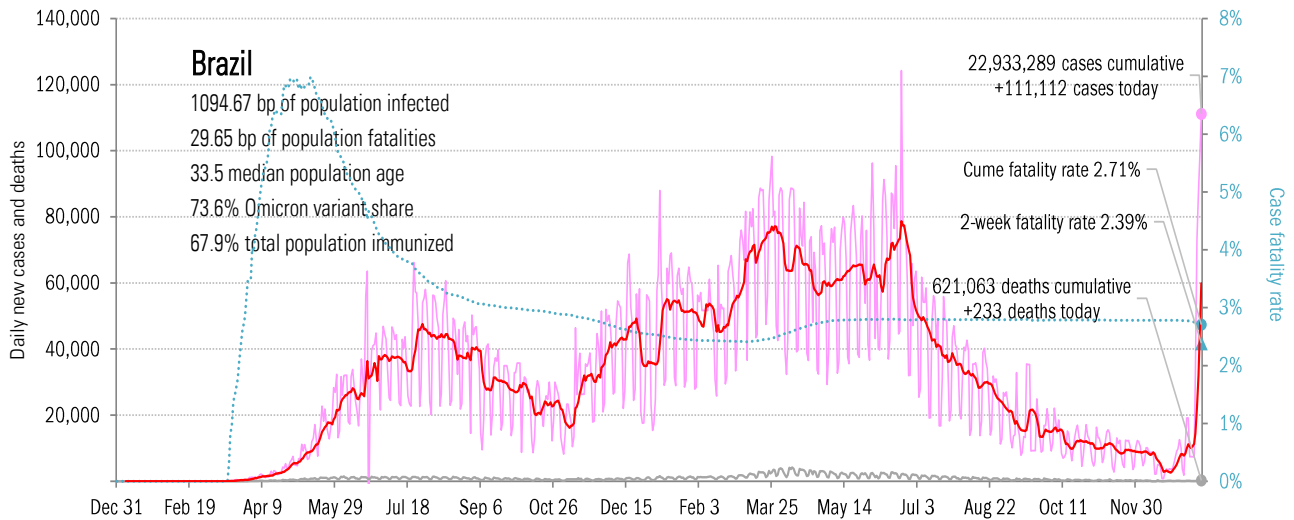
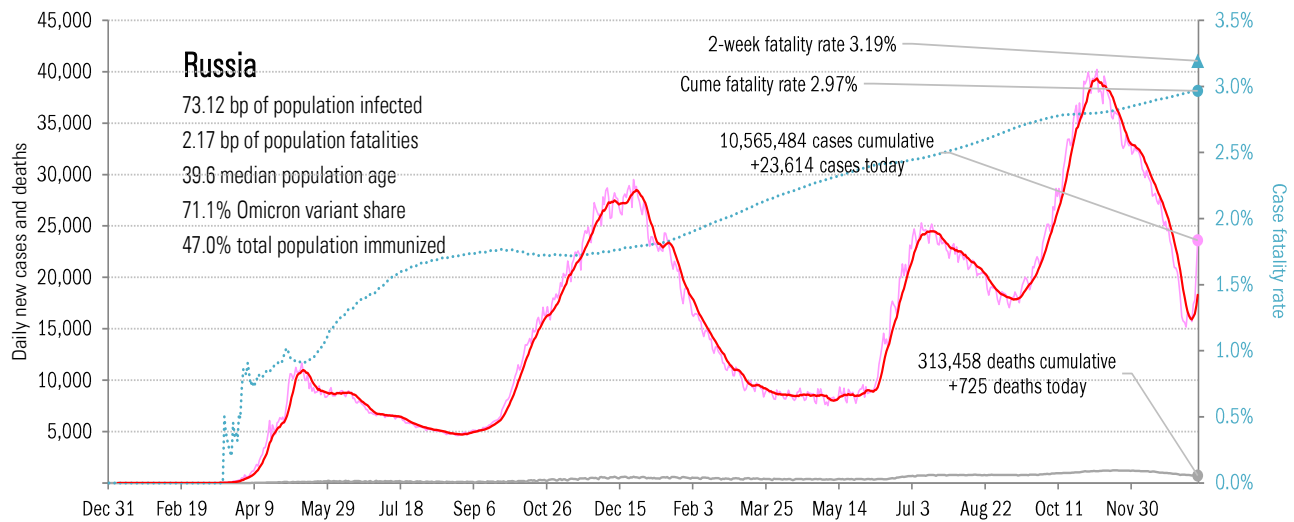
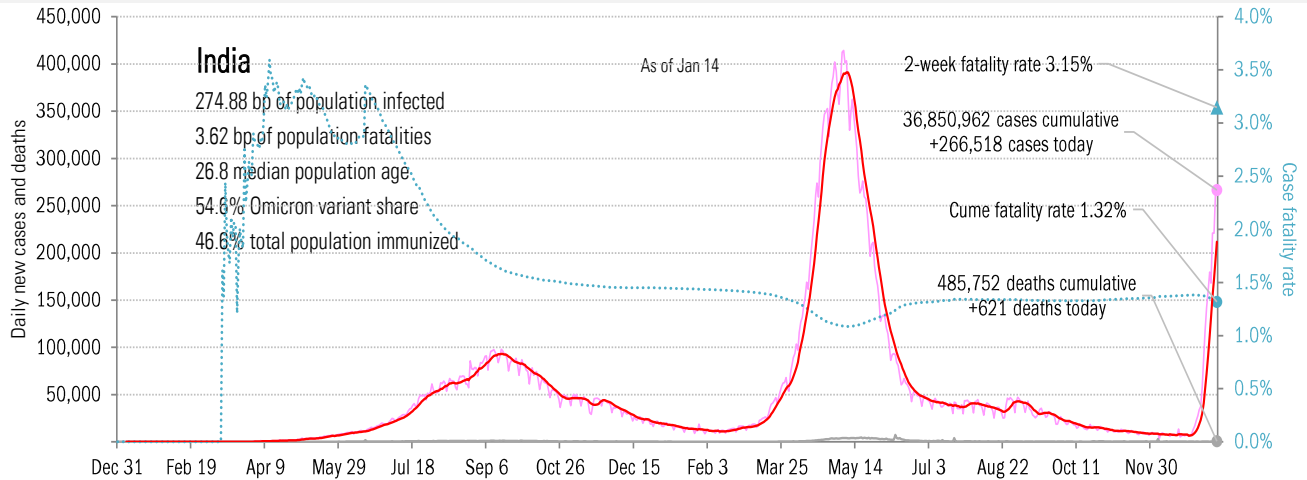
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

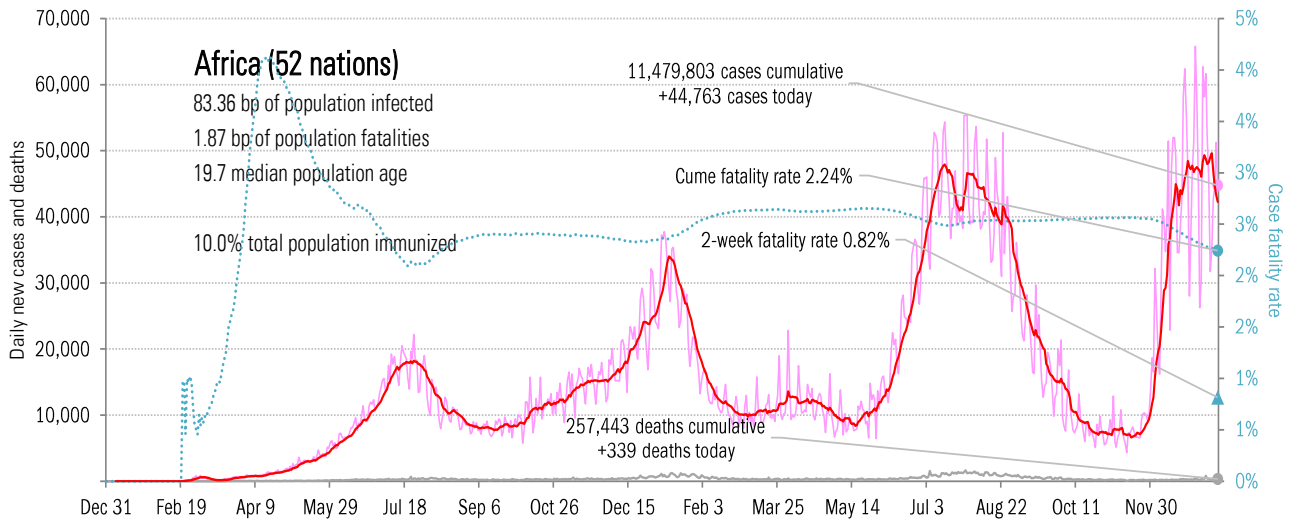
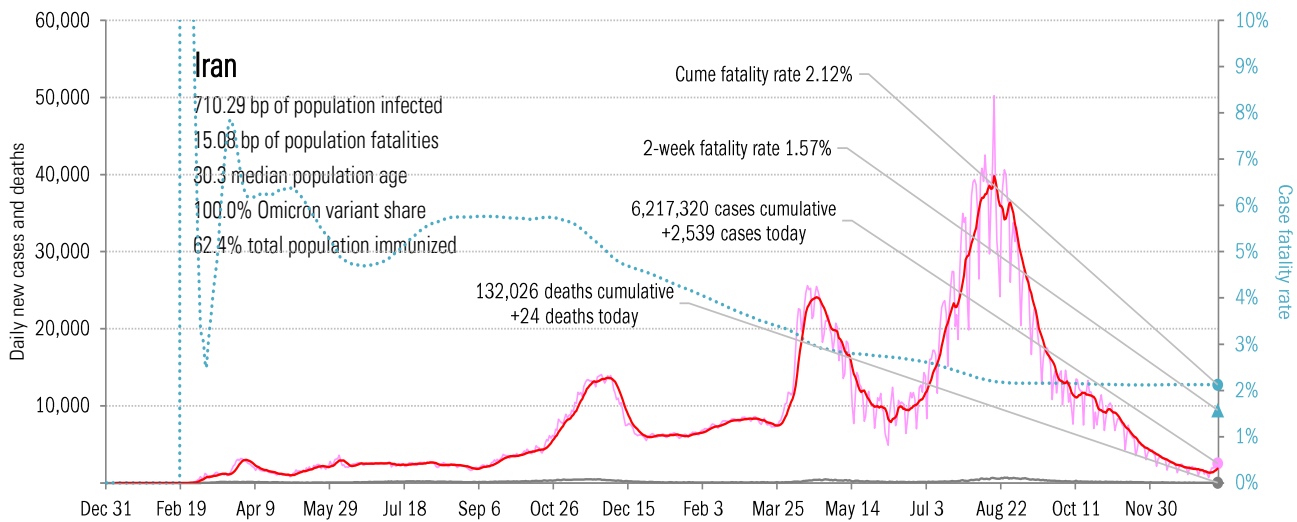
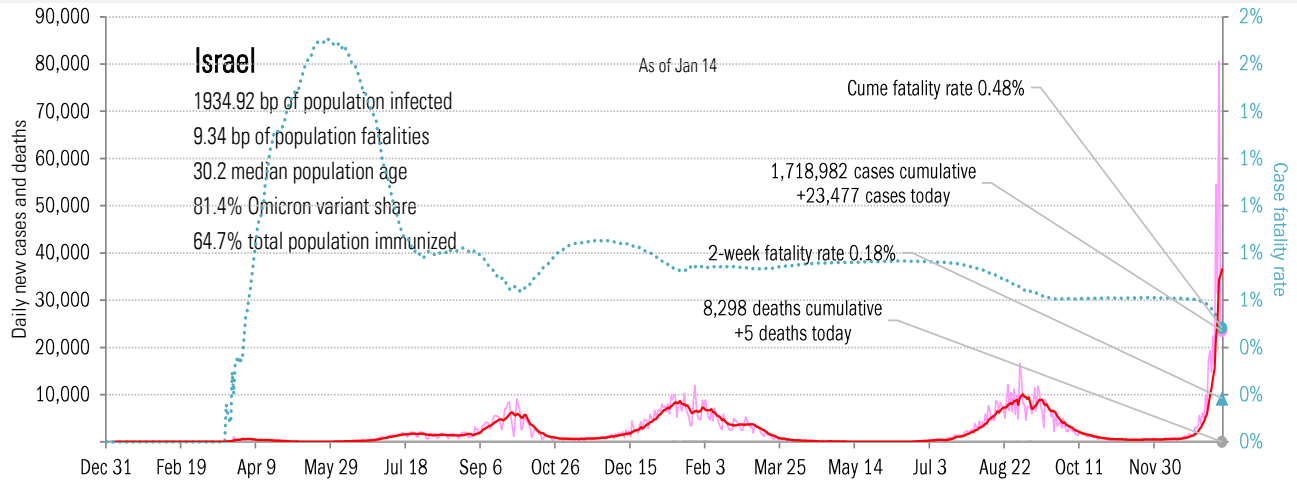
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

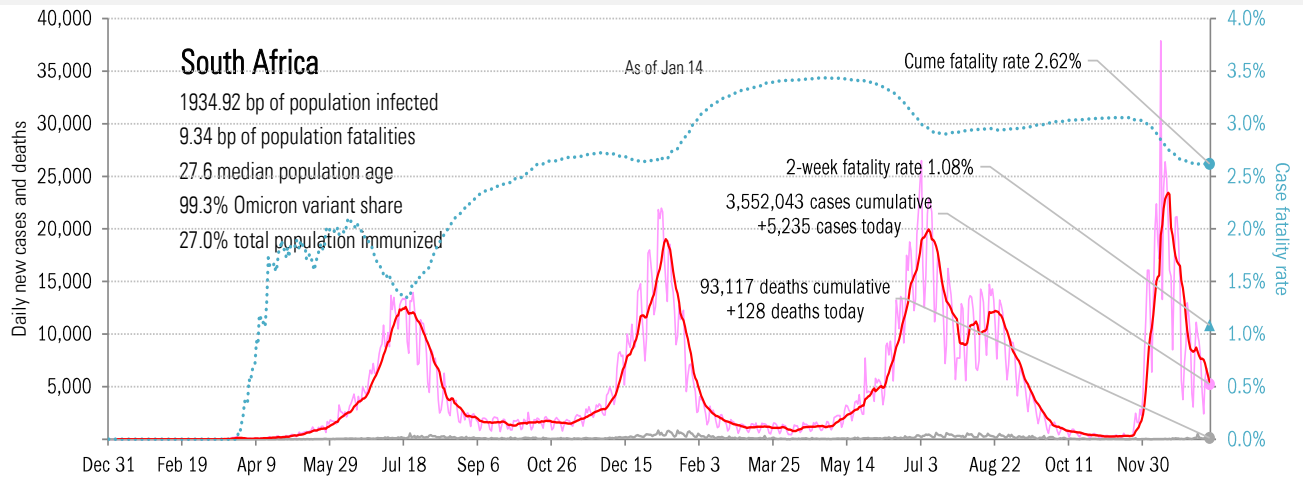
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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