

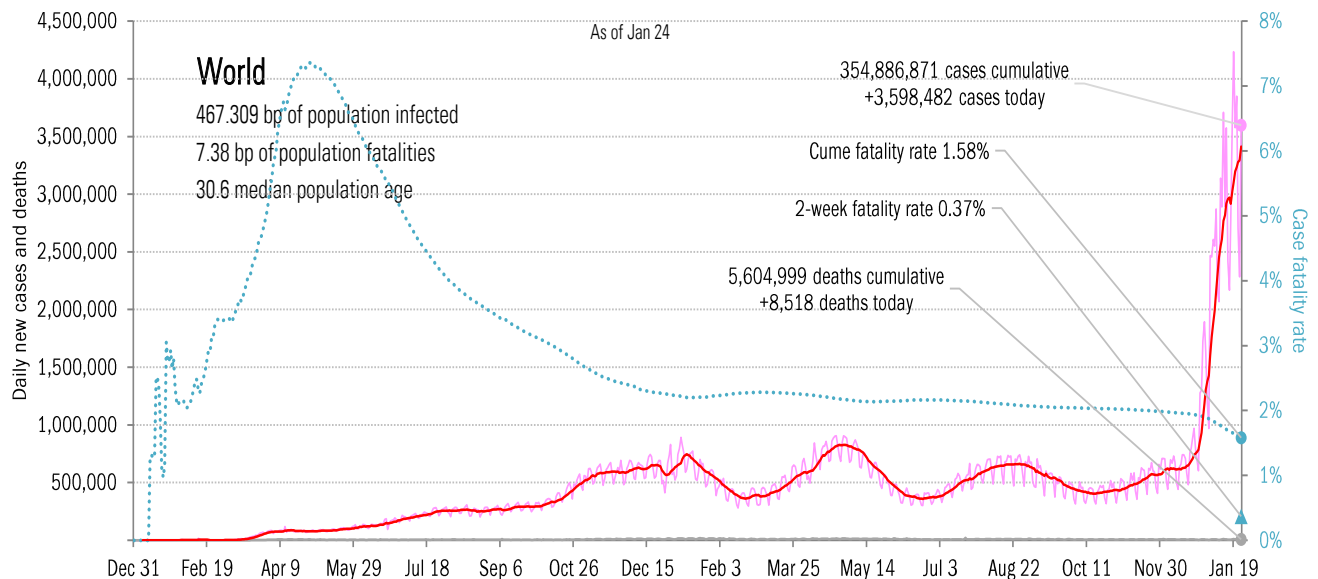
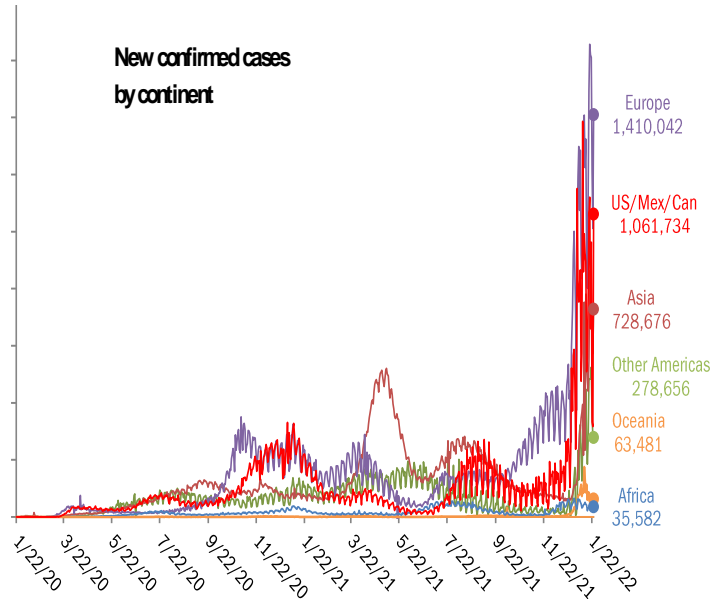
Data Insights: Covid-2019 Monitor

Tuesday, January 25, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	1,027,822	United States	2,049
Spain	305,432	Russia	642
India	255,874	India	614
Israel	212,234	South Africa	448
Germany	136,473	France	393
Belgium	133,480	Italy	352
France	109,487	Argentina	276
United Kingdom	96,172	Brazil	266
Brazil	87,627	Spain	253
Switzerland	87,281	Colombia	237
2,451,882		5,530	
World	3,598,482	World	8,518
Top ten	68%	Top ten	65%



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

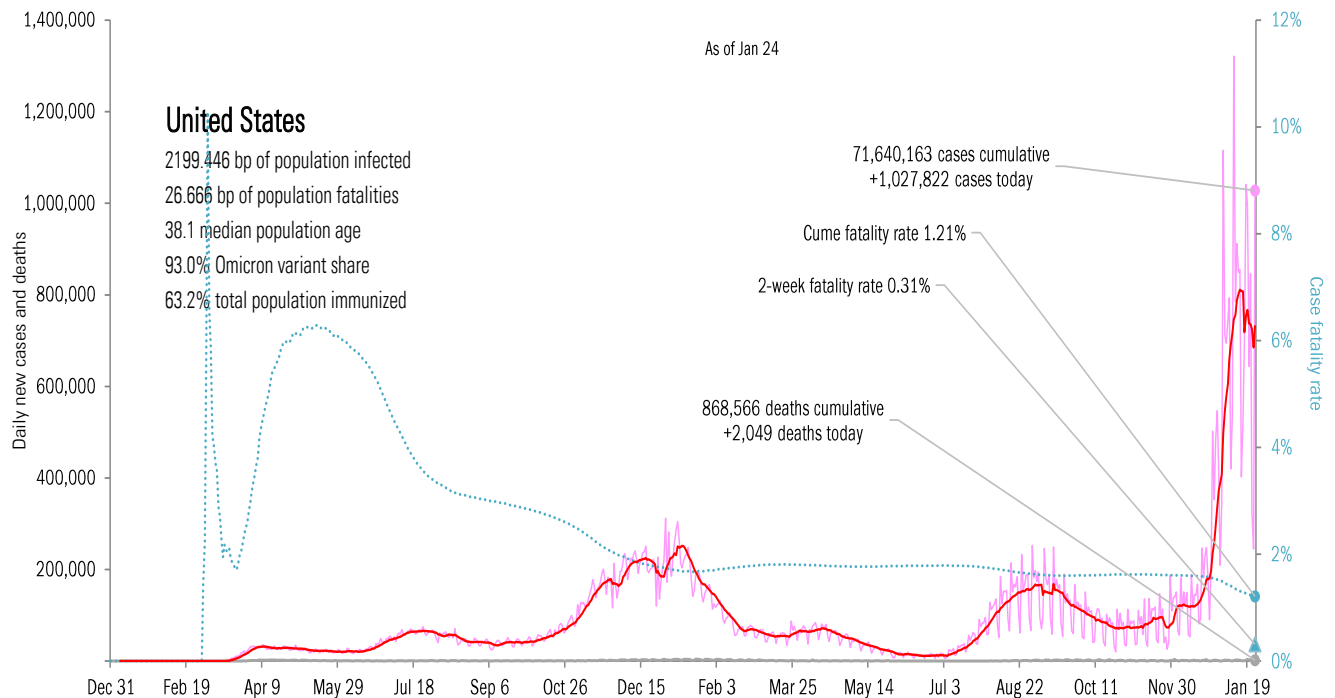
The ten worst US states

New cases			New Deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use	
CA	215,700		IL	310		NC	215		CA	7,907,630		CA	78,798		TX	445,263		RI	88%	TX	95%
NC	77,427		CA	182		GA	110		TX	6,004,502		TX	78,180		FL	380,202		GA	87%	AL	94%
IL	64,499		MA	112		AL	85		FL	5,279,802		FL	63,826		CA	378,885		MA	86%	KY	93%
WA	51,476		NY	106		AZ	48		NY	4,714,010		NY	63,519		NY	226,999		MN	85%	NV	90%
MI	44,142		NC	96		TN	41		IL	2,837,861		PA	39,560		GA	188,817		WA	85%	MS	89%
FL	43,701		VA	96		OK	37		PA	2,581,831		IL	32,588		CH	176,168		MD	85%	GA	89%
GA	42,786		GA	95		WV	36		CH	2,515,949		GA	32,389		PA	162,399		DE	84%	OK	89%
TX	41,985		OK	95		NM	35		NC	2,290,179		CH	31,987		IL	144,909		CT	84%	RI	88%
IN	35,590		FL	86		CT	34		GA	2,272,461		MI	31,539		MI	129,844		NV	84%	NM	88%
VA	29,581		KY	76		MN	34		MI	2,168,367		NJ	30,799		KY	128,476		PA	84%	MO	87%
646,887			1,254			675			38,572,592			483,185			2,361,962						
All states	1,027,822		2,049			-343			All states	71,640,163		868,566			4,263,543			All states	70%	67%	
Top ten	63%		61%			-197%			Top ten	54%		56%			55%			Median	77%	81%	

Some states not reporting

Five most improved US states

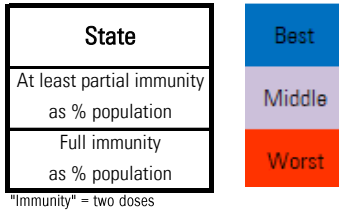
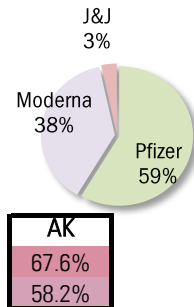
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TX	-14,923	NY	-116	CA	-270	AL	+20 bp
NY	-13,908	AZ	-65	KY	-209	AZ	+10 bp
AZ	-8,172	PA	-29	FR	-87	FL	+10 bp
NJ	-4,351	MD	-19	IL	-72	IL	+10 bp
AL	-3,852	FR	-15	IN	-70	IN	+10 bp



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

Rolling out the vaccines in the US and the world

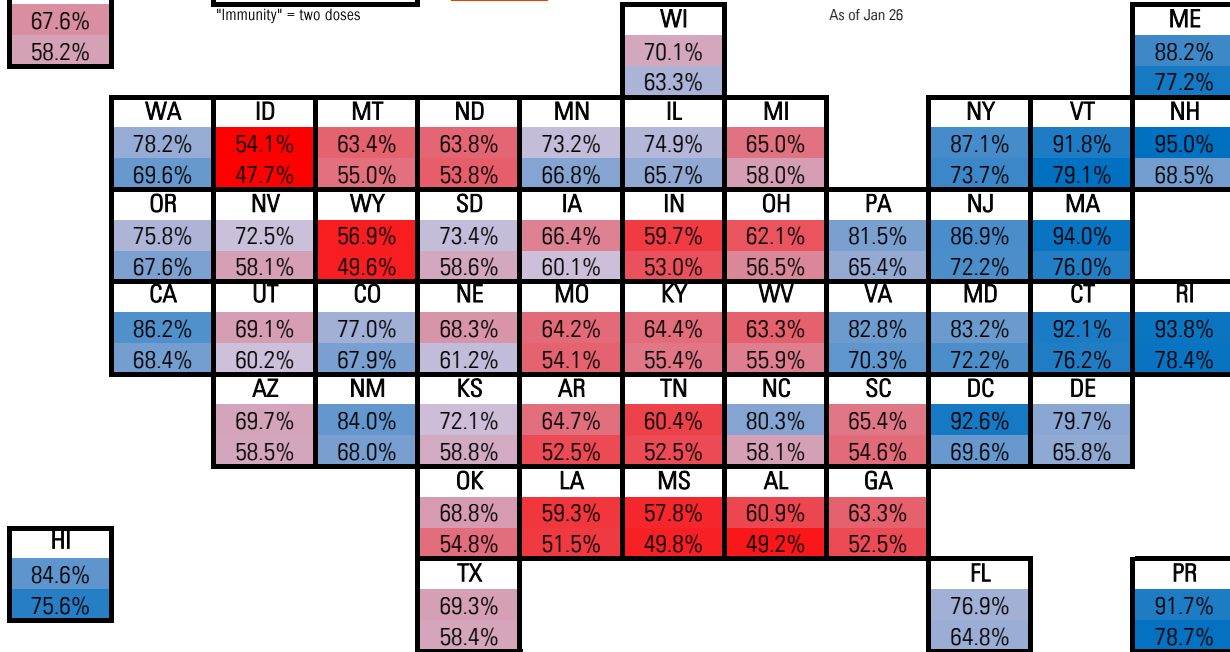
Administered	Cumulative	Today	Immunity	Full	Partial
Doses	548,853,401	+0.699 million	US	63.2%	75.6%
Boosters	85,479,022	+0.395 million	UK	70.7%	76.6%
	One dose	% Pop	Immune	% pop	New immune today
Total population	258,436,408	77%	216,507,004	65%	+0.103 million
Age 12 to 17	15,900,468	67%	13,255,611	56%	+0.012 million
Age 18 to 64	174,573,266	86%	146,581,904	72%	+0.050 million
Age 65 and over	58,485,928	100%	50,030,200	91%	+0.005 million



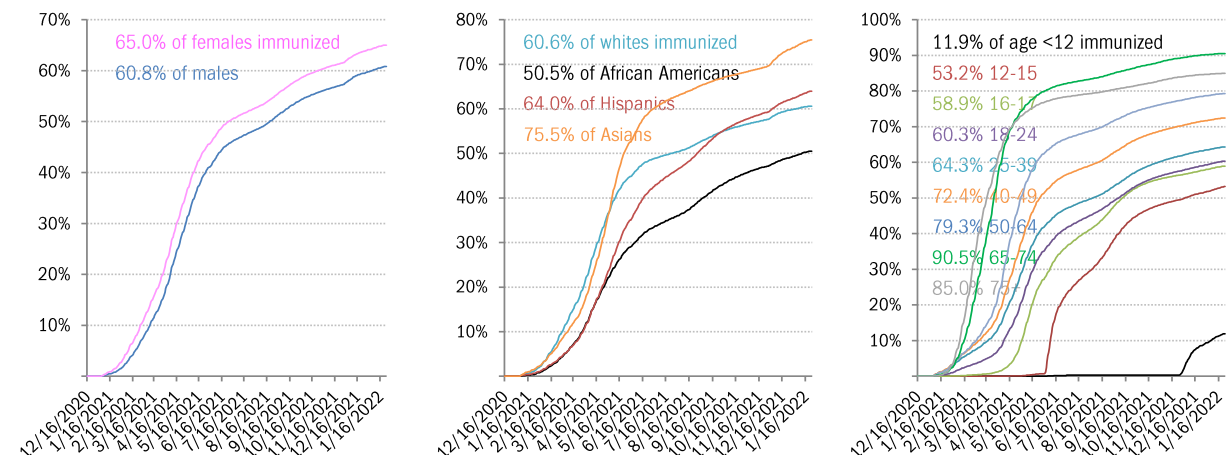
France	75.8%	79.5%
Spain	81.8%	87.3%
Germany	72.7%	74.8%
Italy	75.7%	82.6%
Australia	78.0%	83.0%
Israel	65.3%	72.0%
Canada	78.4%	84.7%
Japan	79.1%	80.4%
Africa	10.4%	15.7%
India	49.2%	66.8%
Brazil	69.6%	78.7%
China	84.8%	87.6%

Global data differs due to sources, timing

As of Jan 26



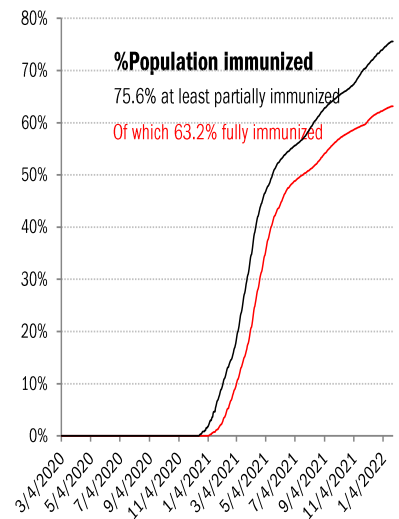
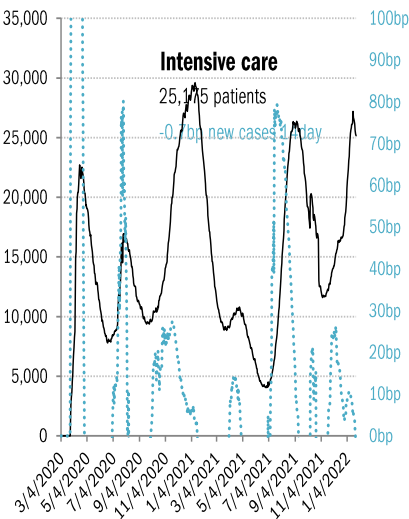
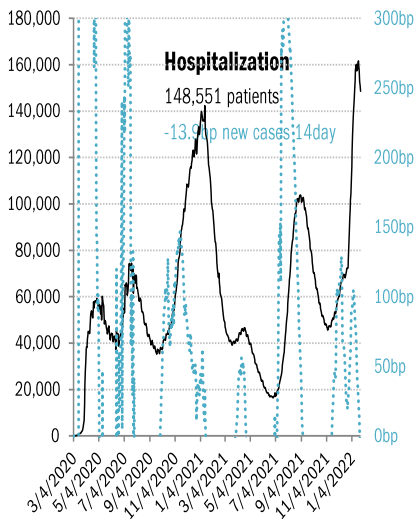
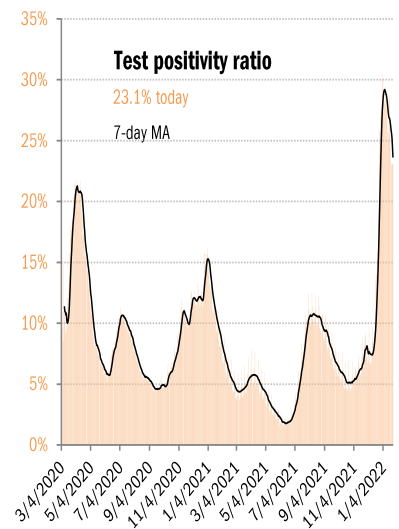
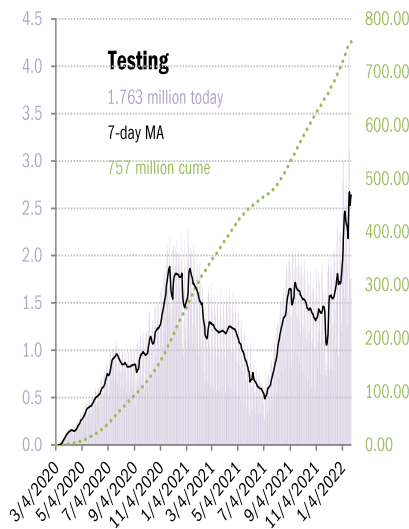
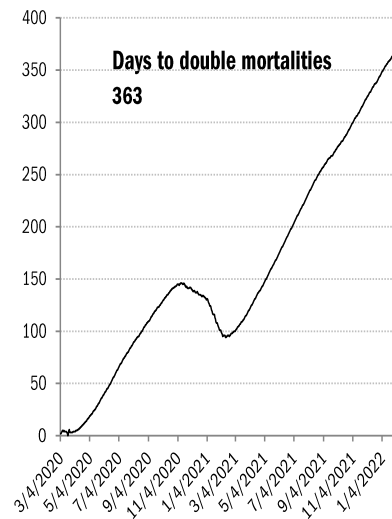
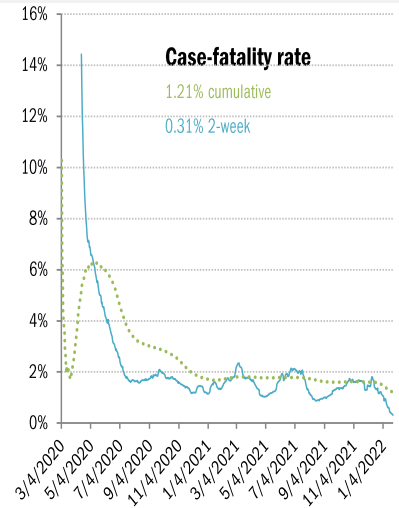
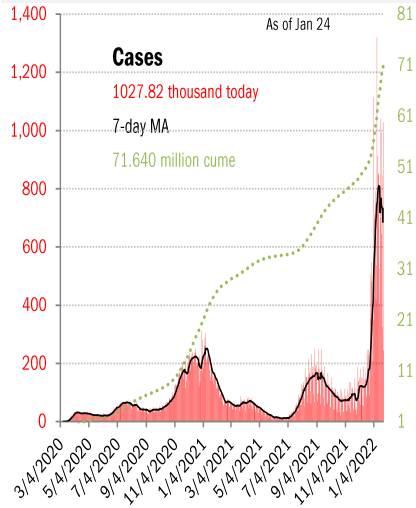
The demographics of US vaccination



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

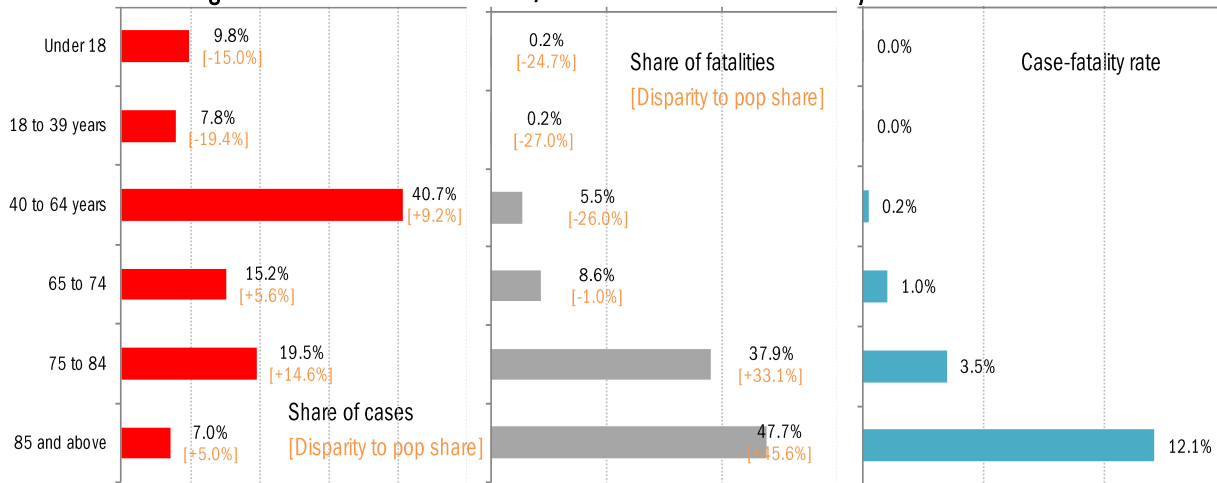
US deep-dive

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

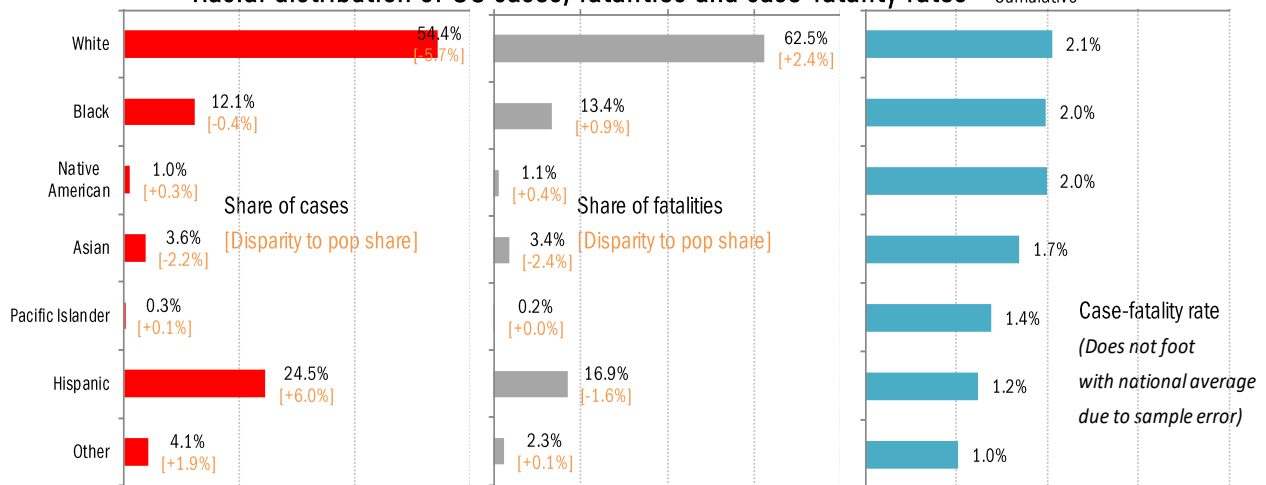


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

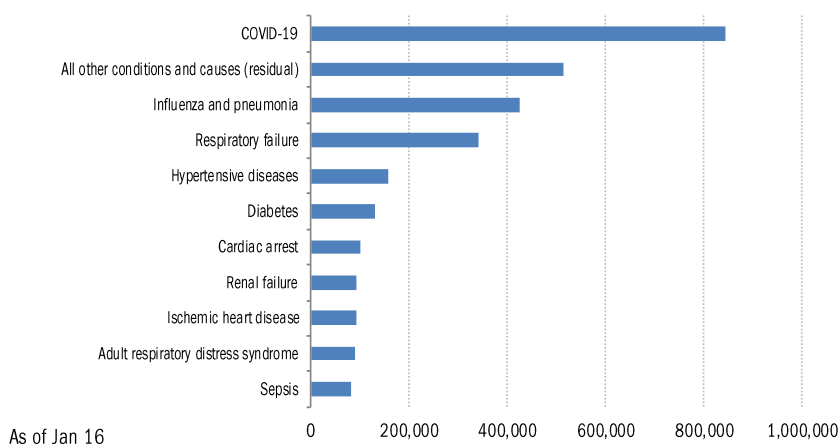


Racial distribution of US cases, fatalities and case-fatality rates



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

[Sarah Palin, who is unvaccinated, recently dined indoors in New York City before testing positive.](#)

Priya Krishna
New York Times
January 24, 2022

[Omicron Offers Hope Pandemic Could Stabilize, W.H.O. Official Says.](#)

Benjamin Mueller and Marc Santora
New York Times
January 24, 2022

[Omicron's Radical Evolution](#)

Carl Zimmer
New York Times
January 24, 2022

[Why straight talk about vaccine failure will be even harder to find than straight talk about all the other Covid failures](#)

Alex Berenson
Unreported Truths
January 24, 2022

[Cultivating a better understanding of the impact of the COVID-19 responses](#)

Collateral Global
January 23, 2022

[A Covid Origin Conspiracy?](#)

Nicholas Wade
City Journal
January 23, 2022

Meme of the day



Stalingrad & Poorski
@Stalingrad_Poor



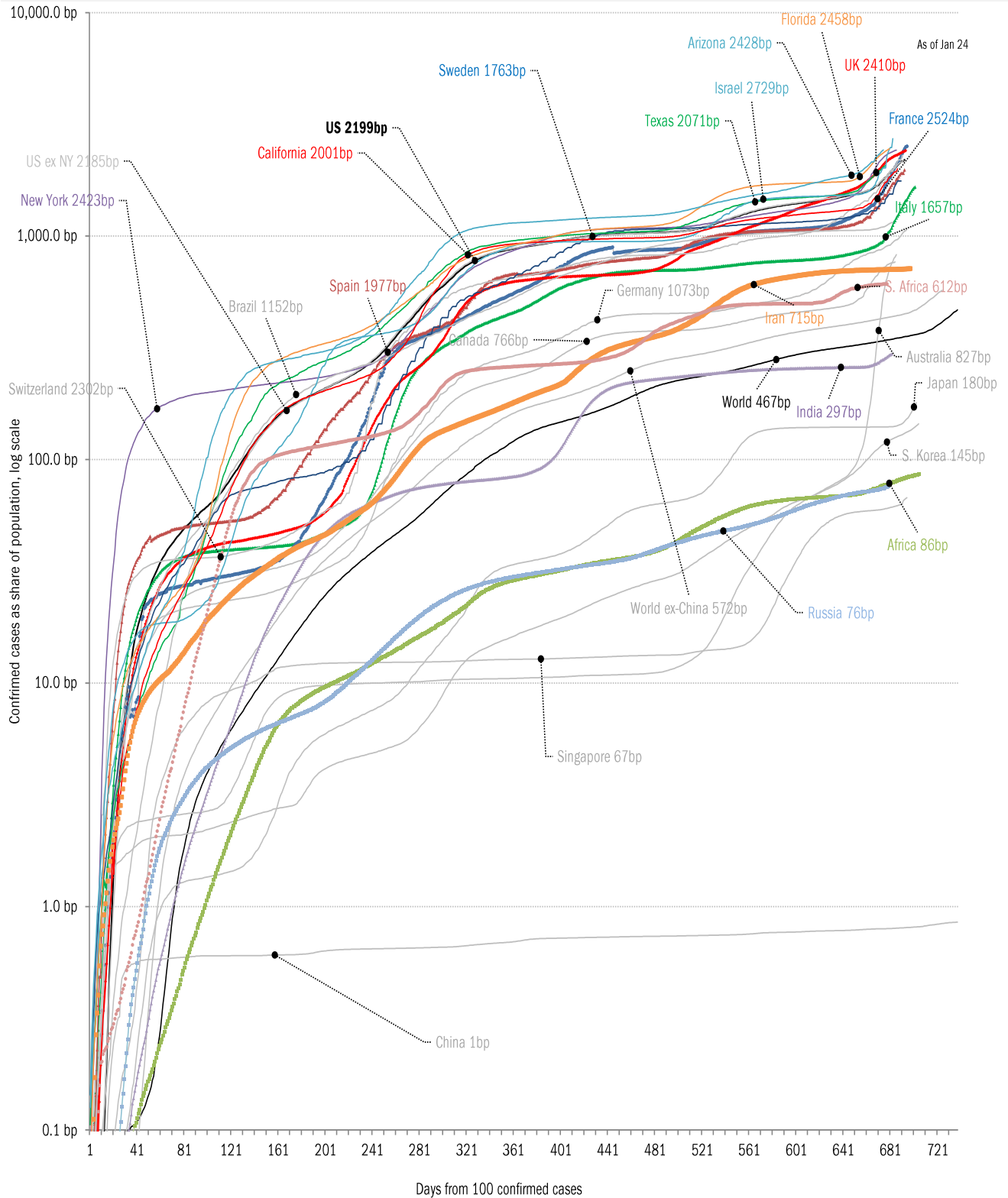
BIDEN ADMINISTRATION SAYS
WORKING WITH UKRAINE TO MAKE
SURE RUSSIAN FORCES SHOW
VALID PROOF OF VACCINATION
BEFORE INVADING UKRAINE

10:36 AM · 1/24/22 · [TweetDeck](#)

568 Retweets **132** Quote Tweets **3,128** Likes

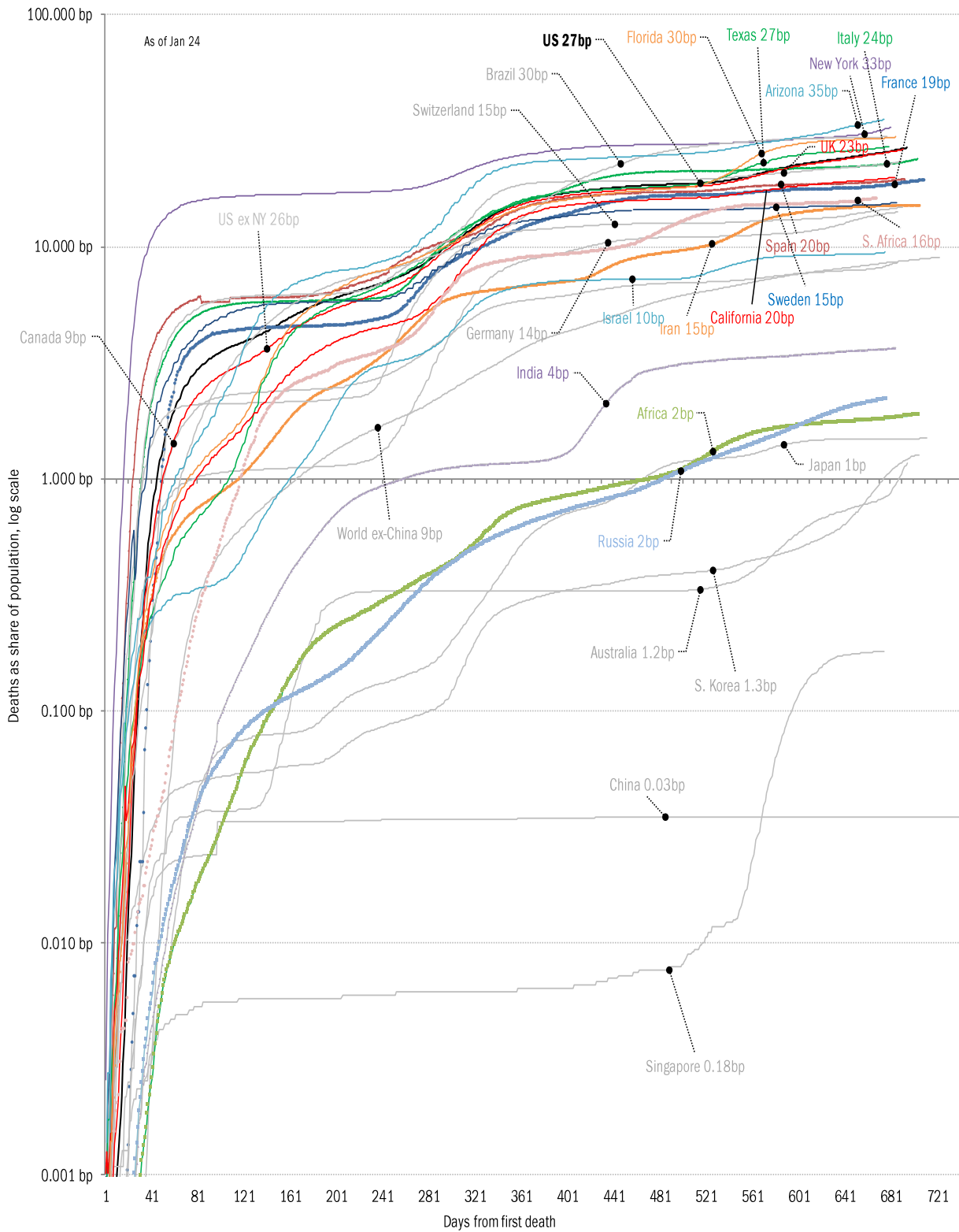
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

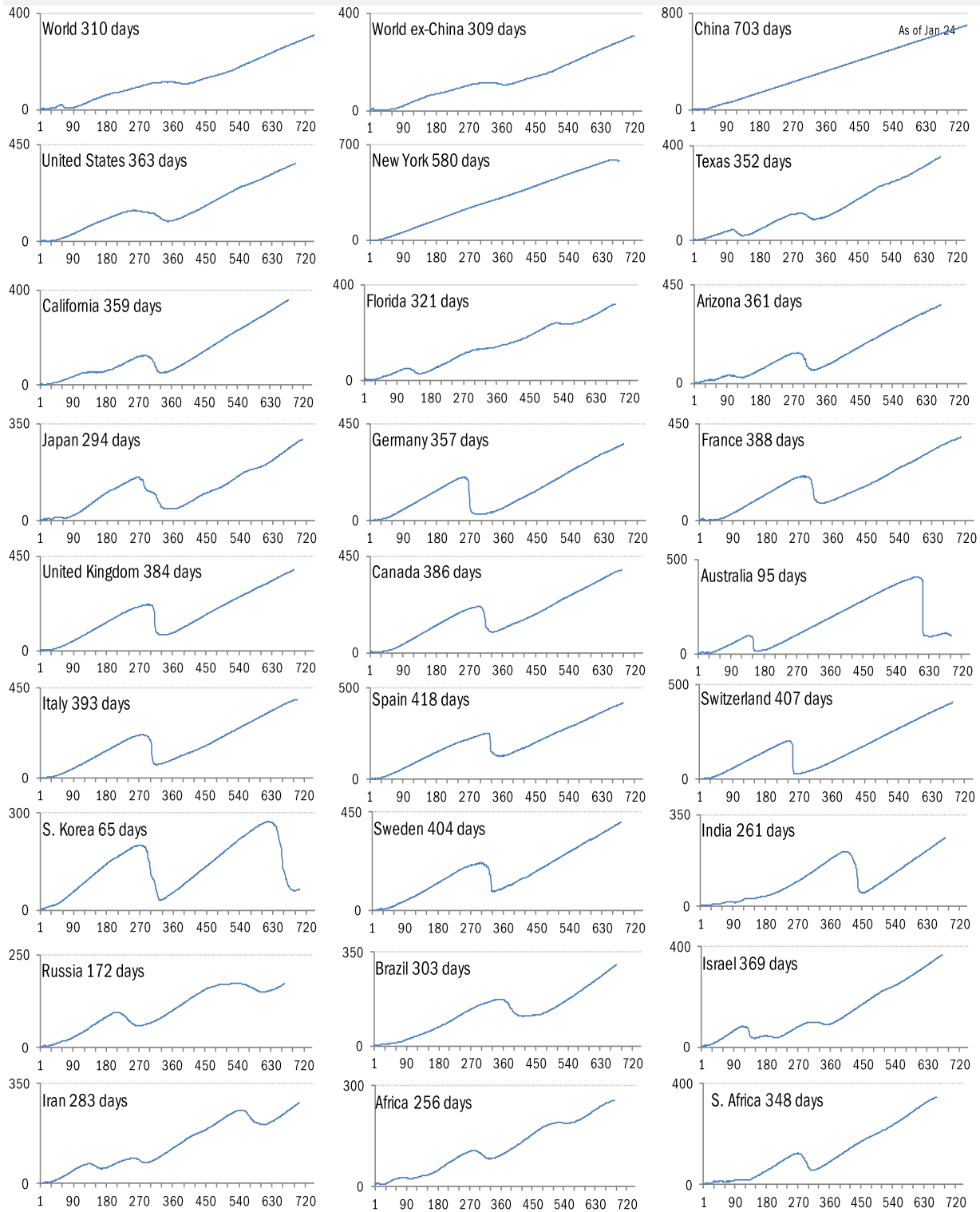


Source: [Johns Hopkins](#), TrendMacro calculations

"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

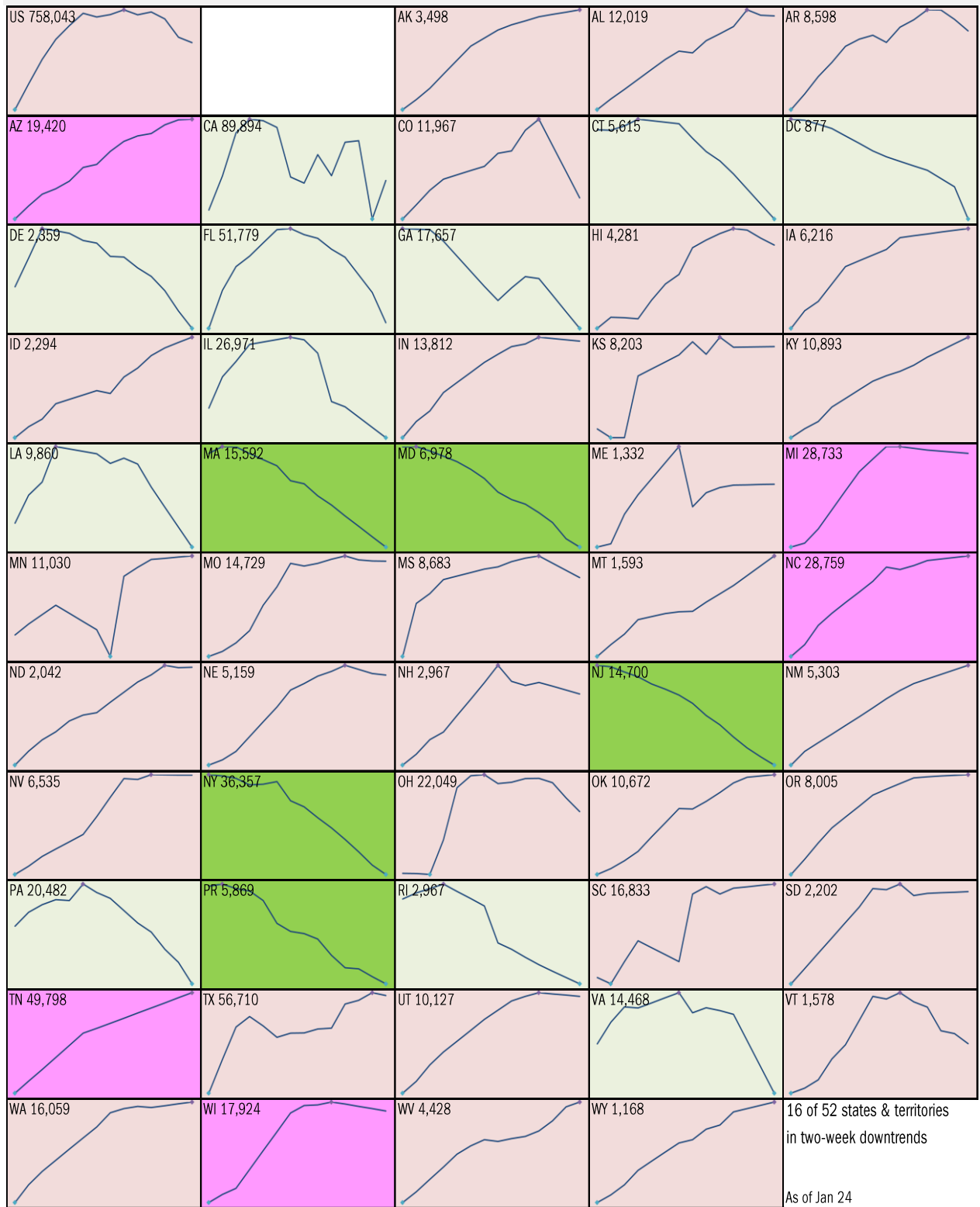


Source: [Johns Hopkins](#), TrendMacro calculations

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

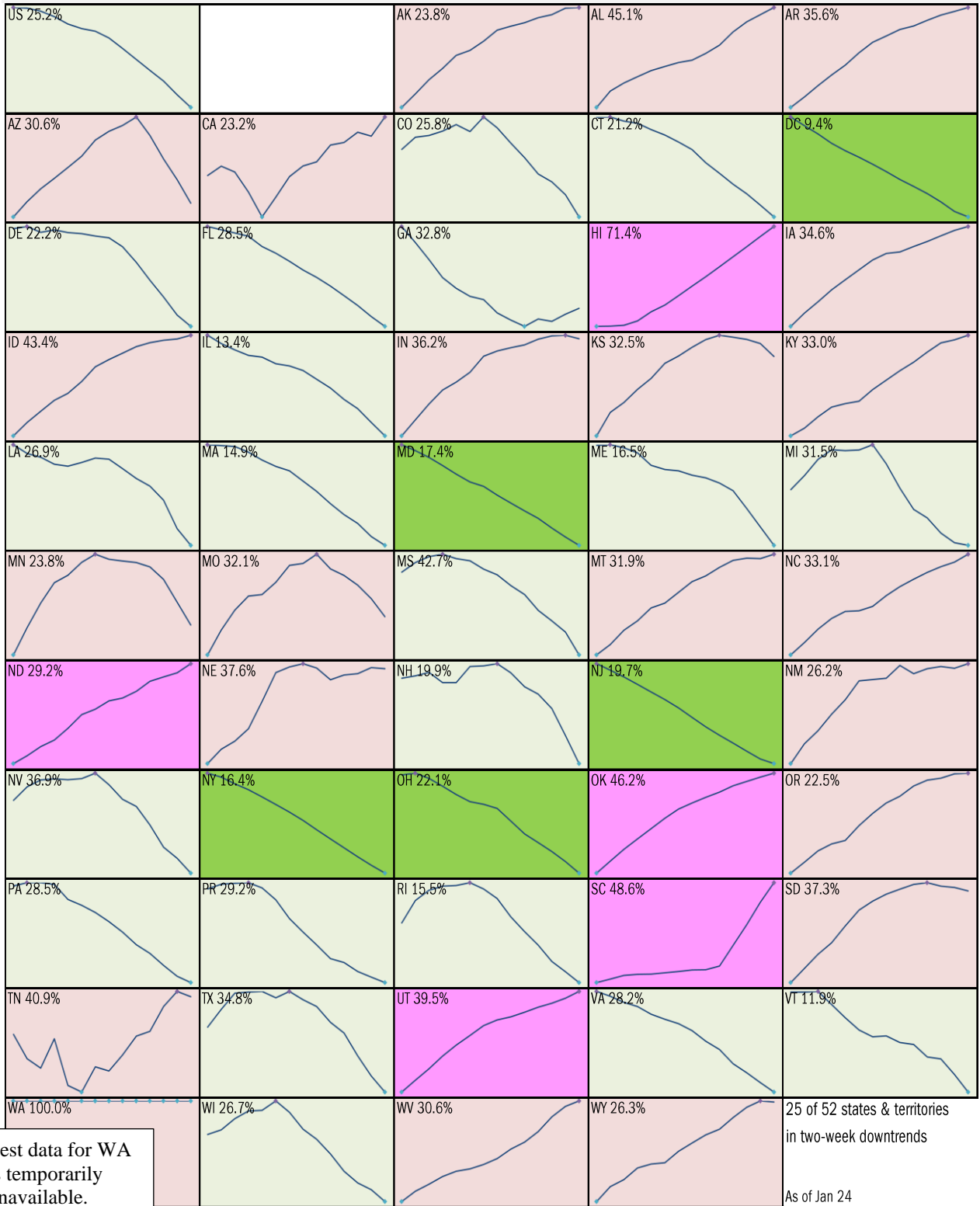


Source: [Johns Hopkins](#), TrendMacro calculations

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

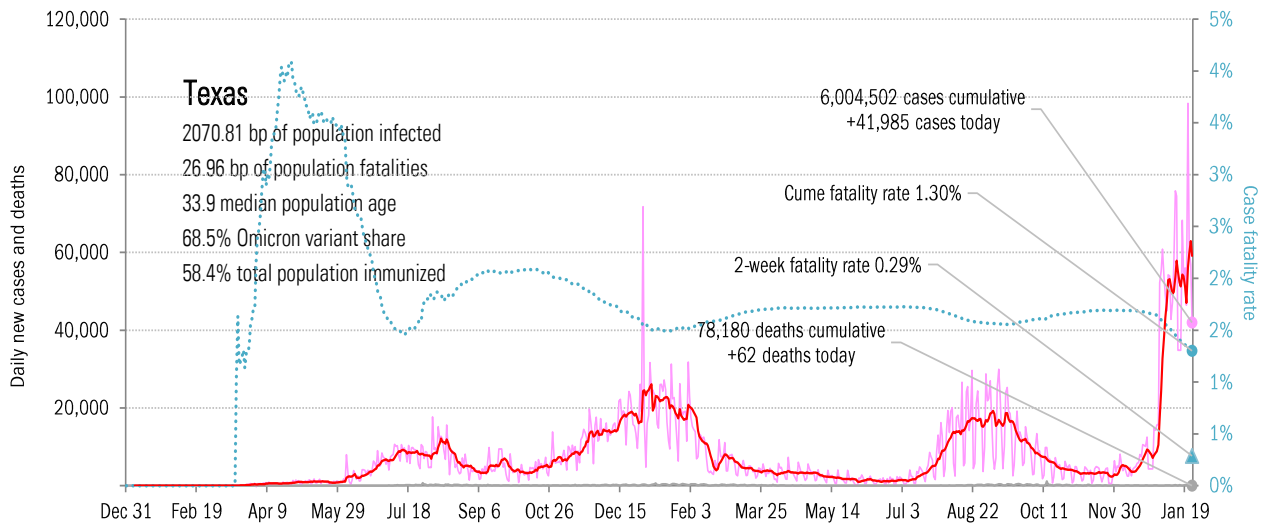
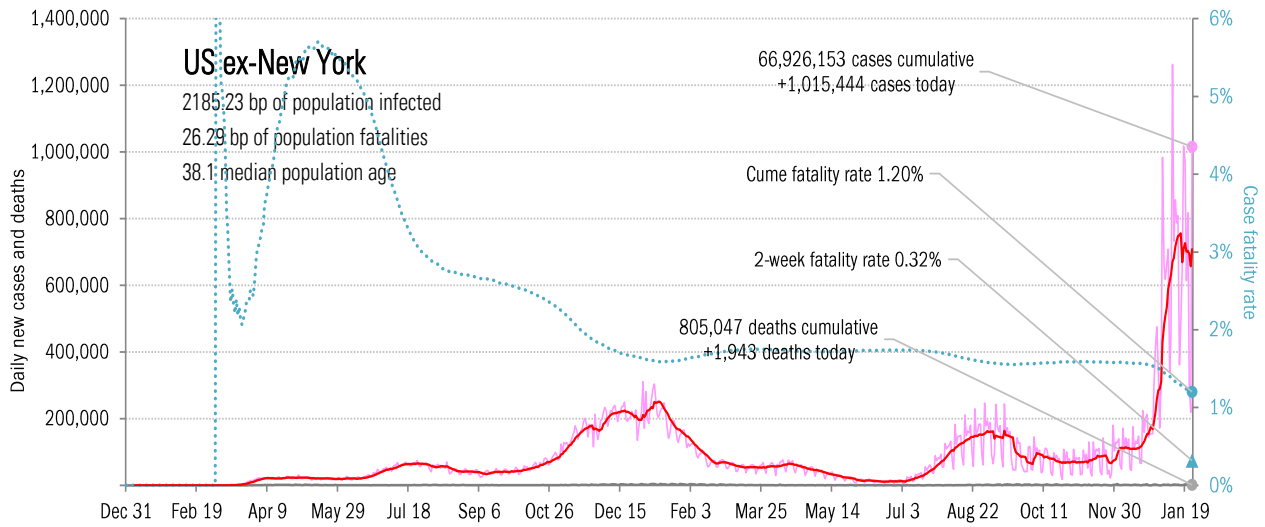
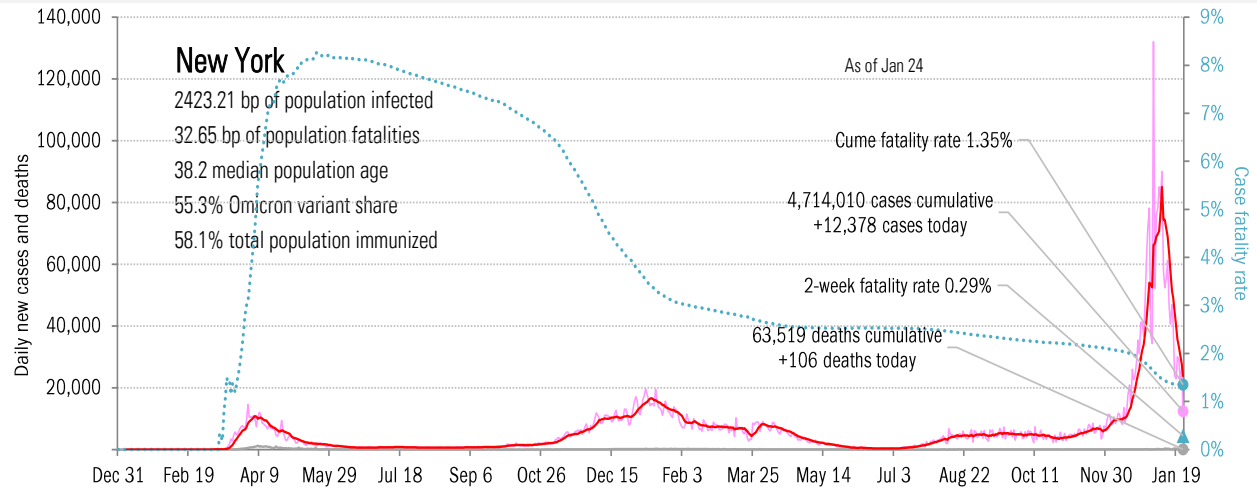
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

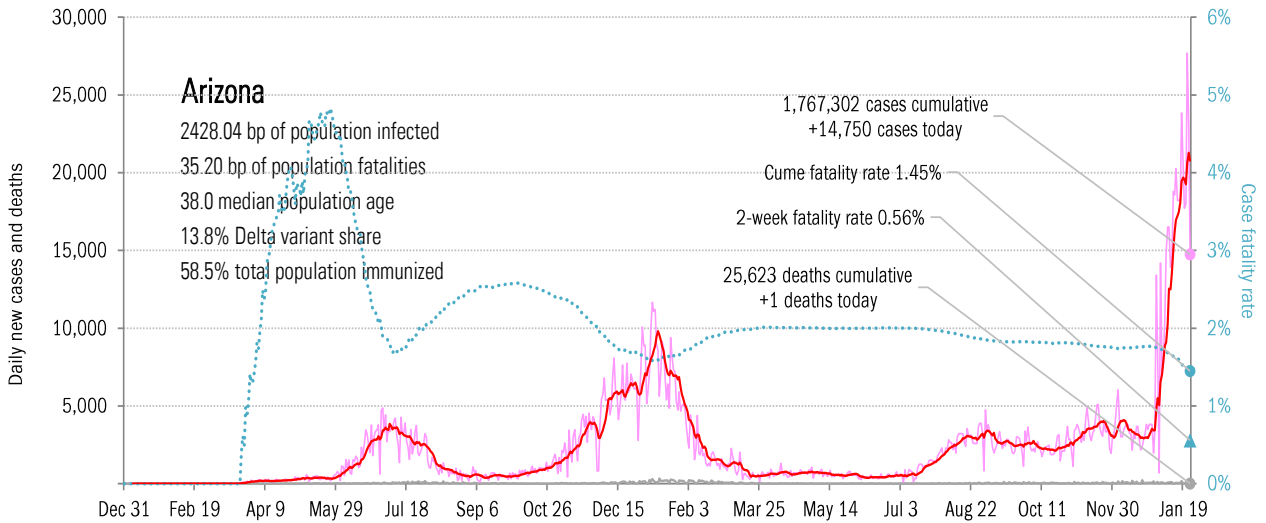
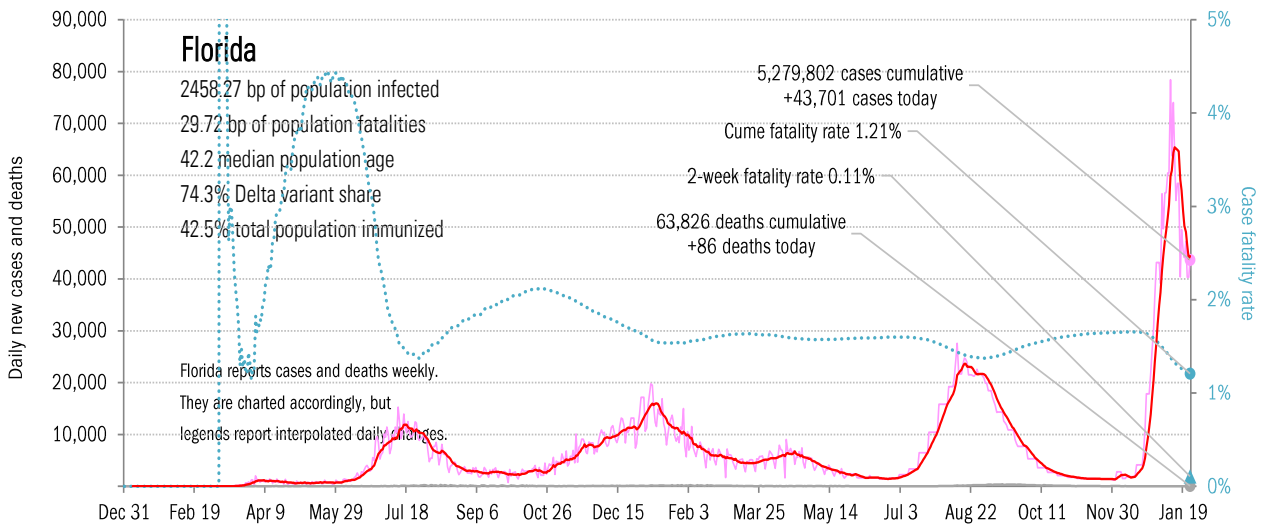
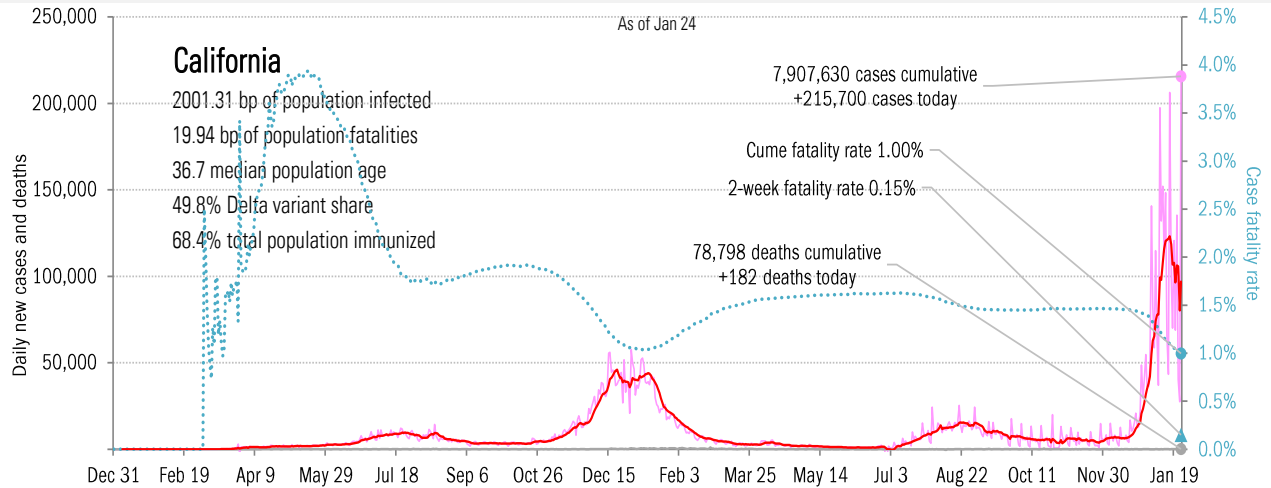
Cases: 7-day average and daily Deaths: Daily



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

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

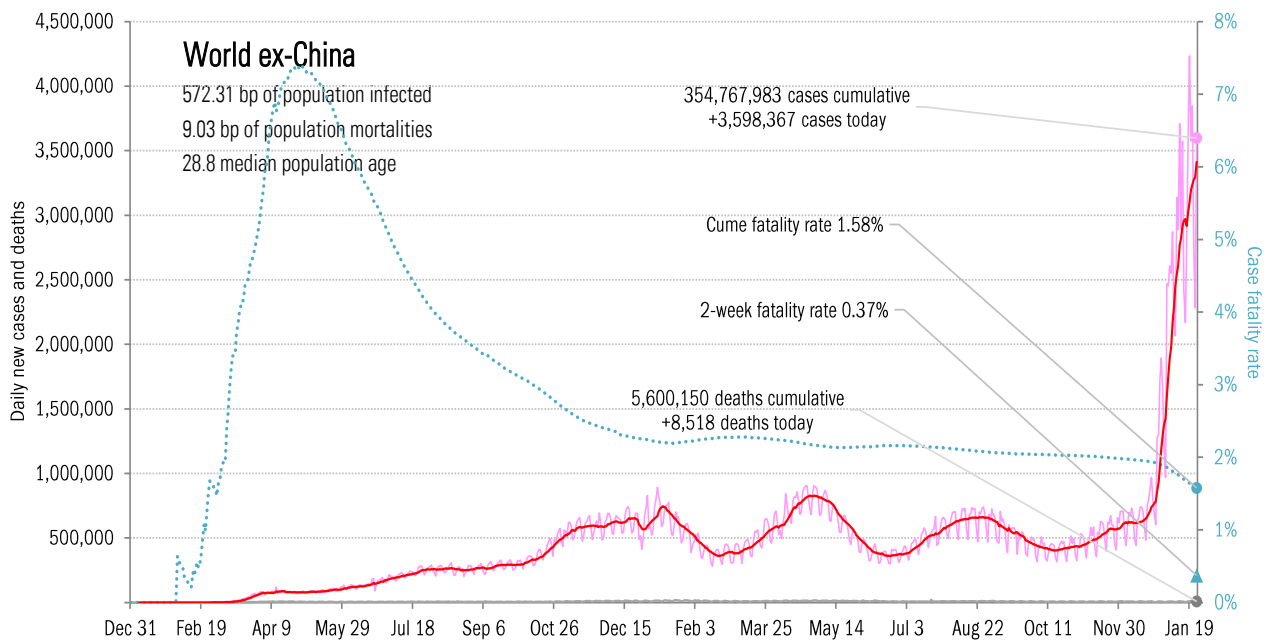
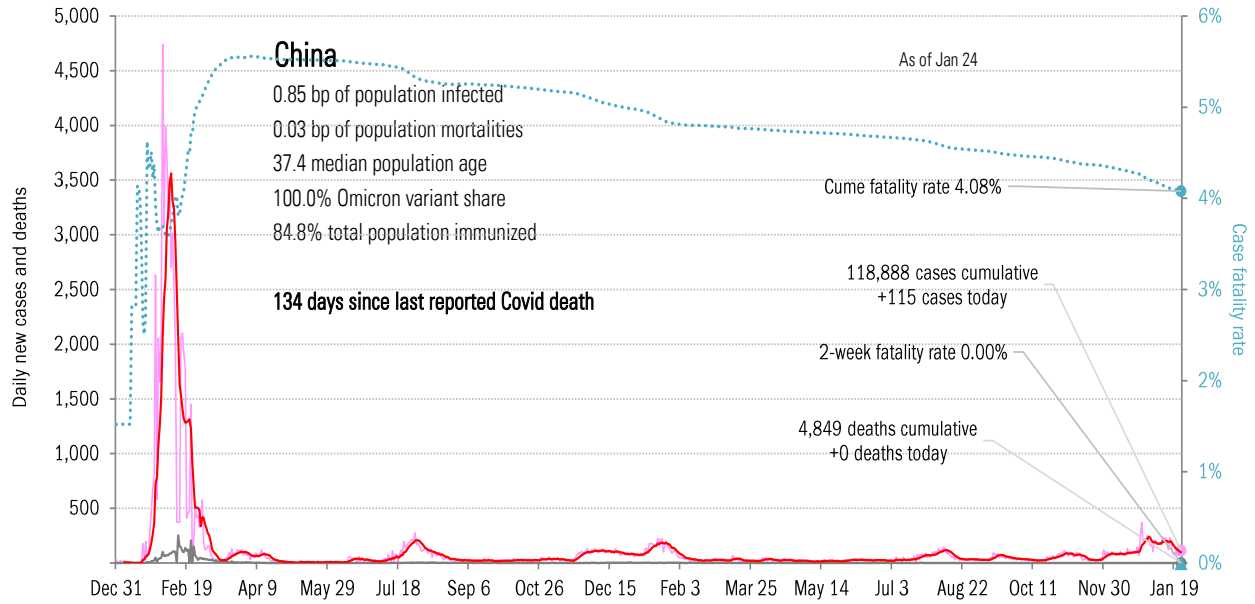
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

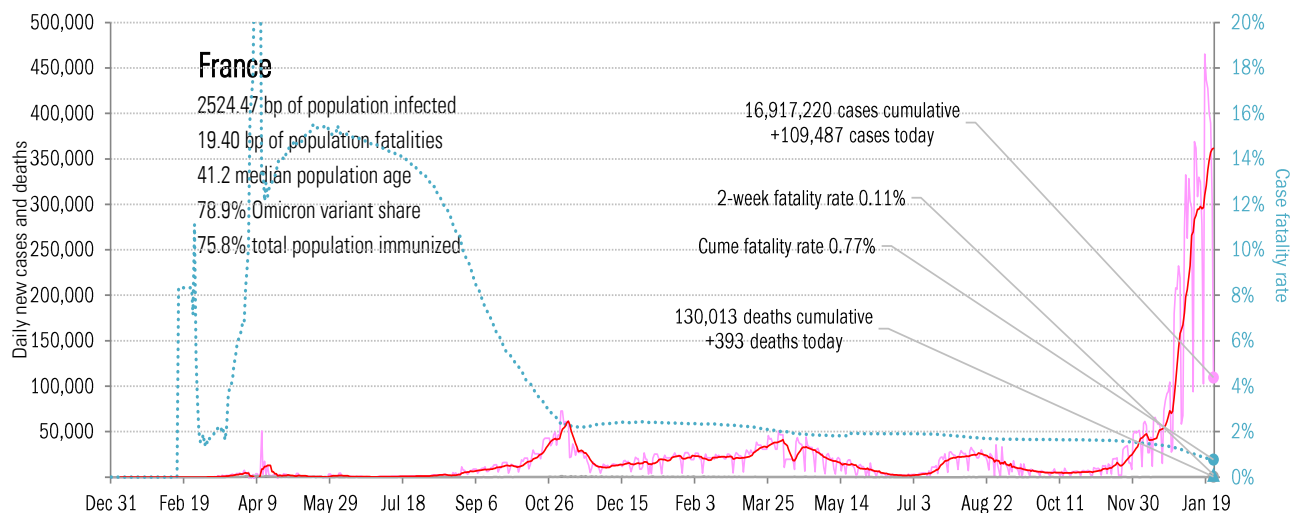
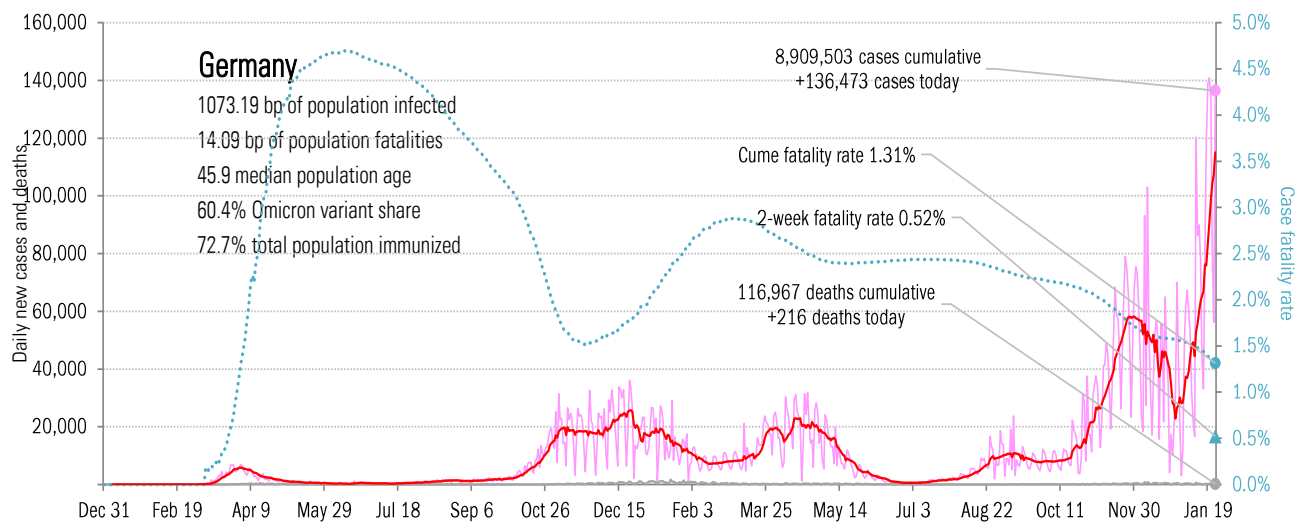
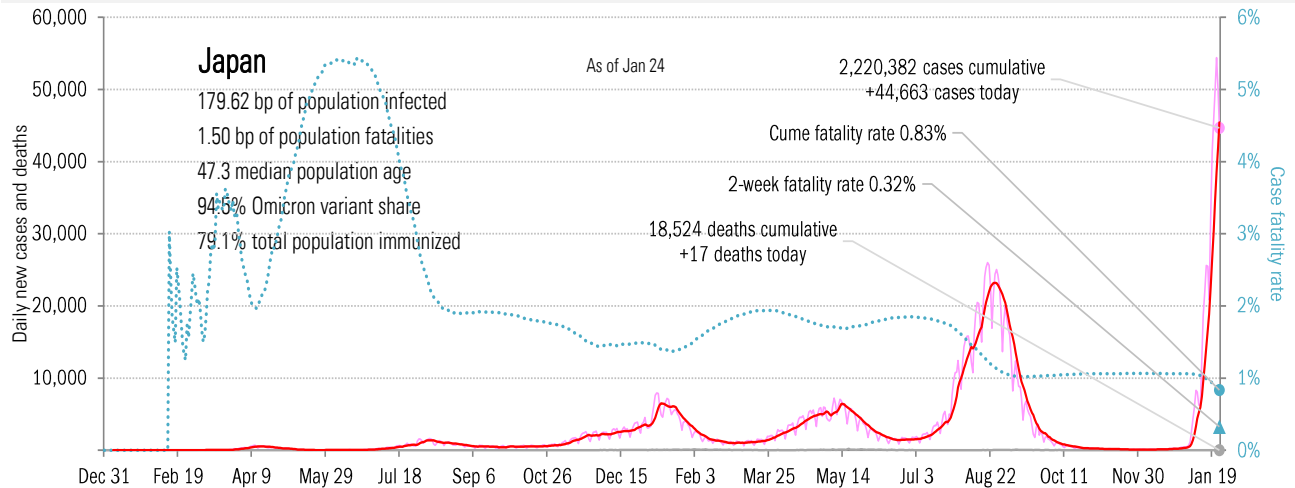
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

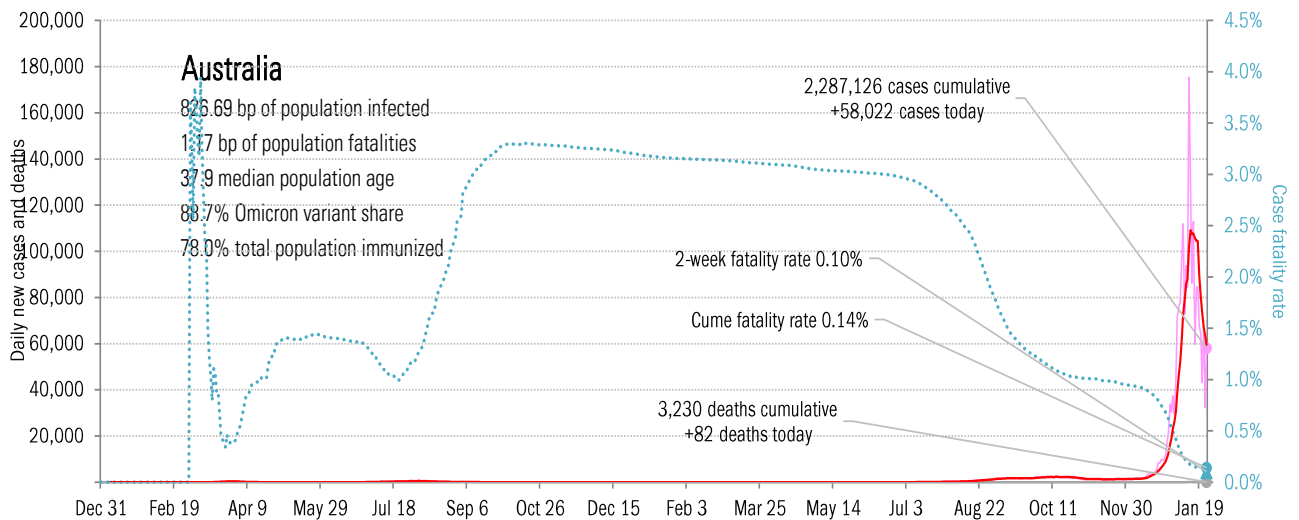
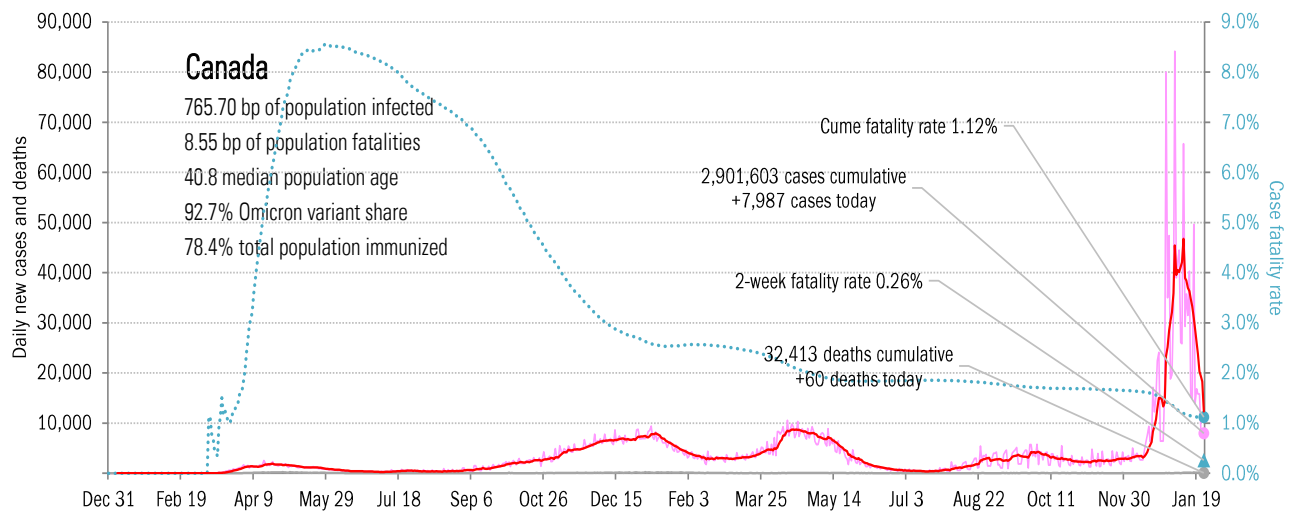
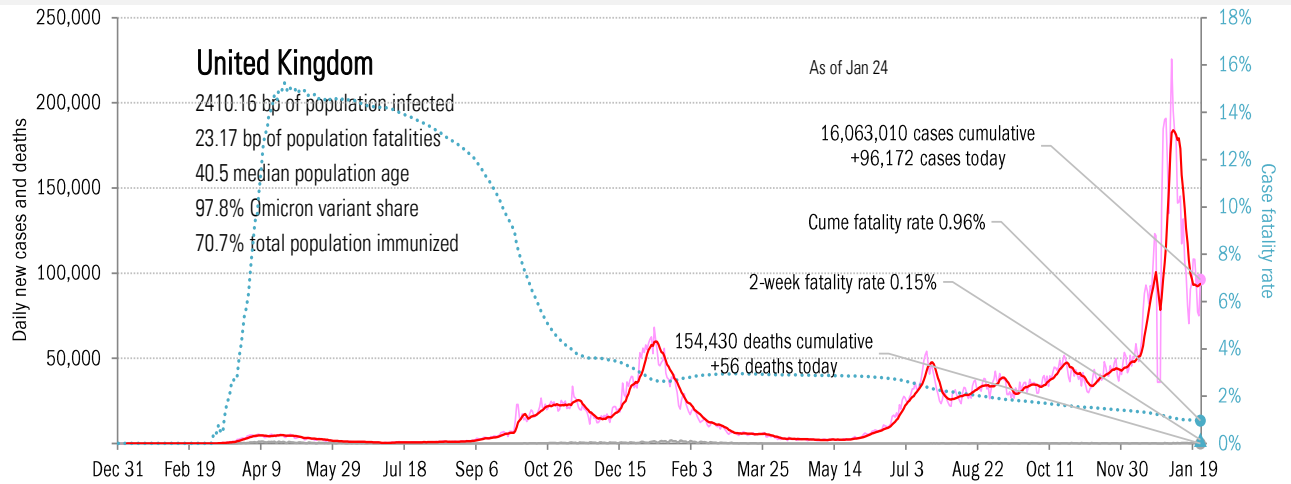
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

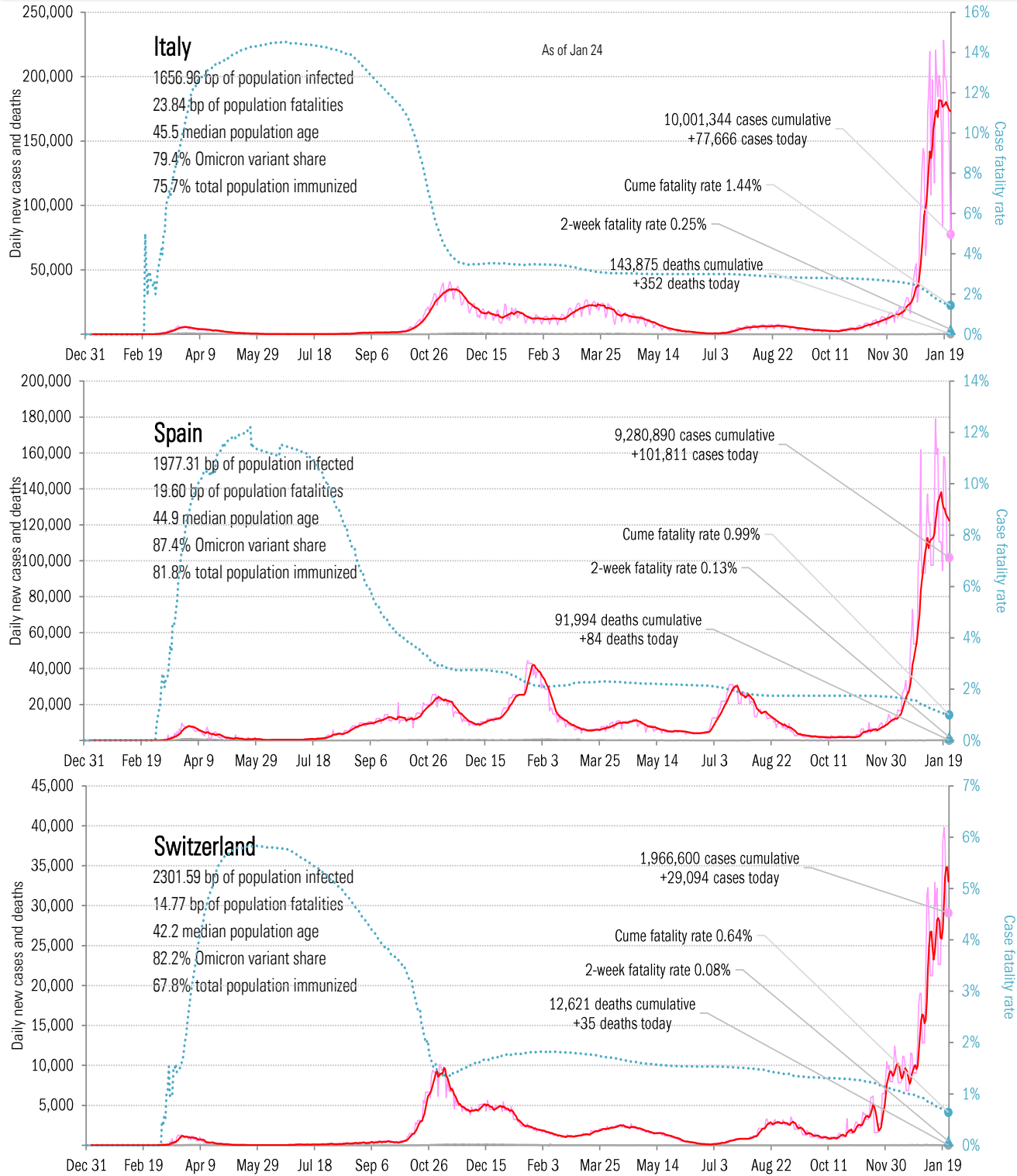
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

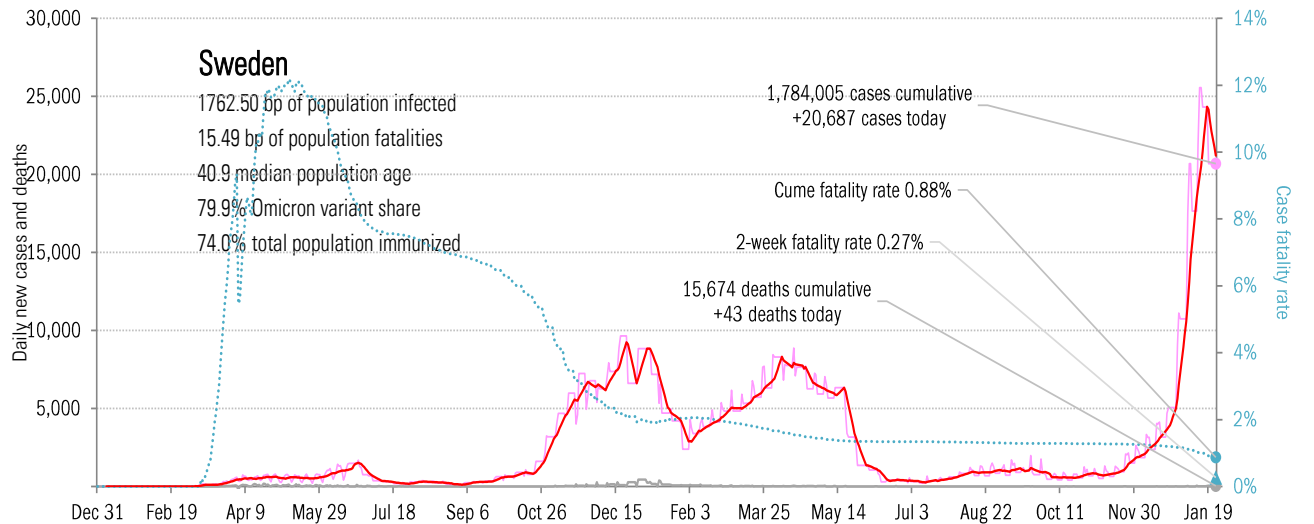
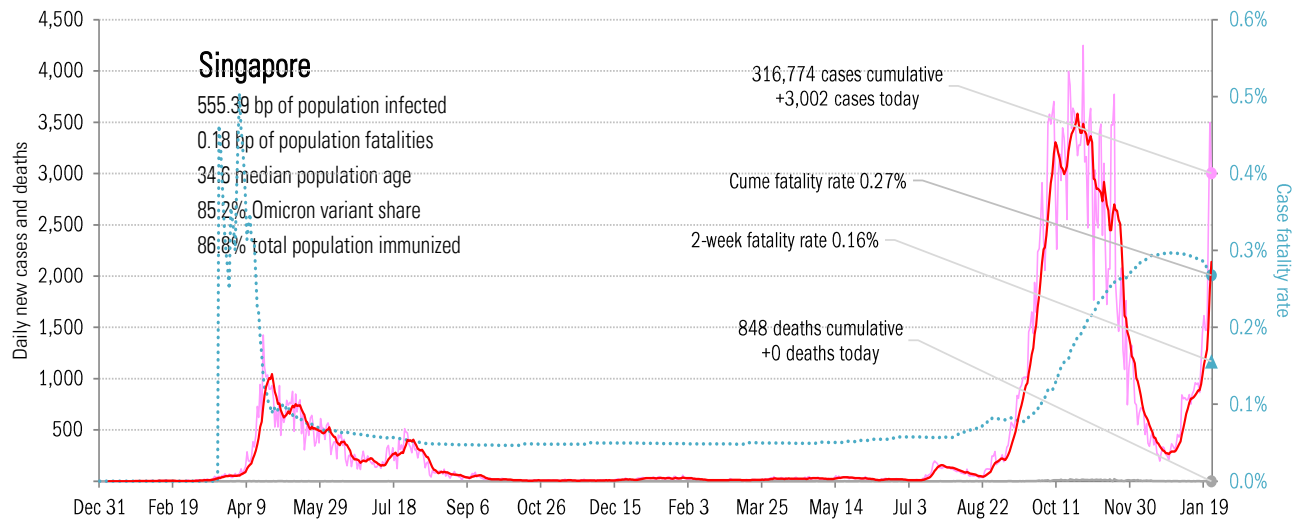
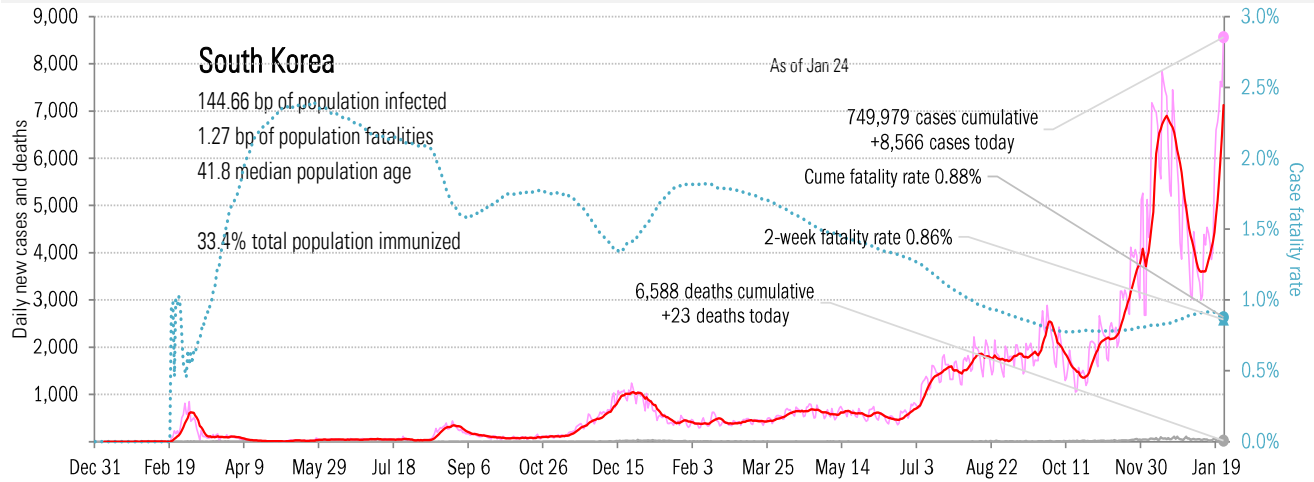
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

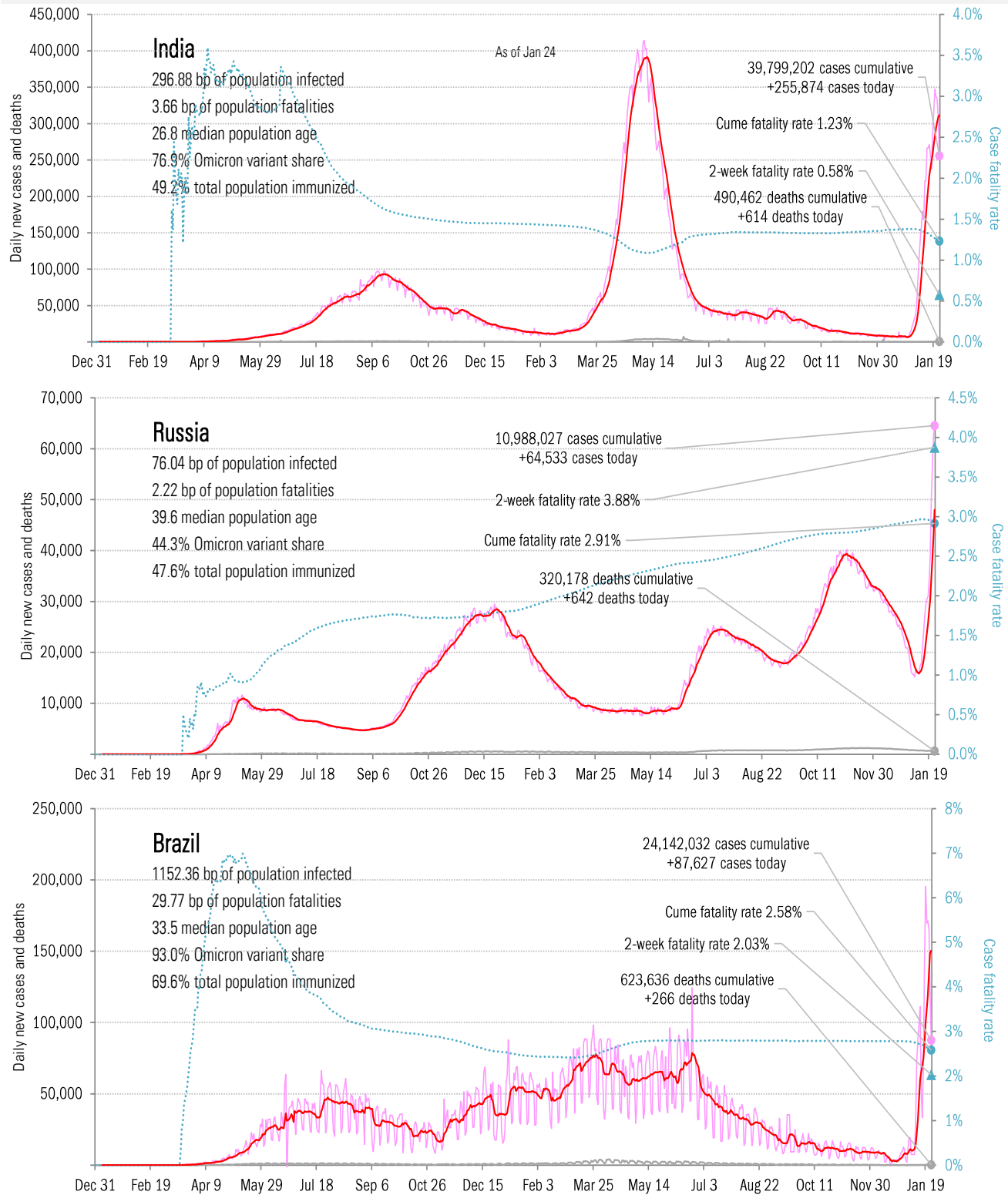
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

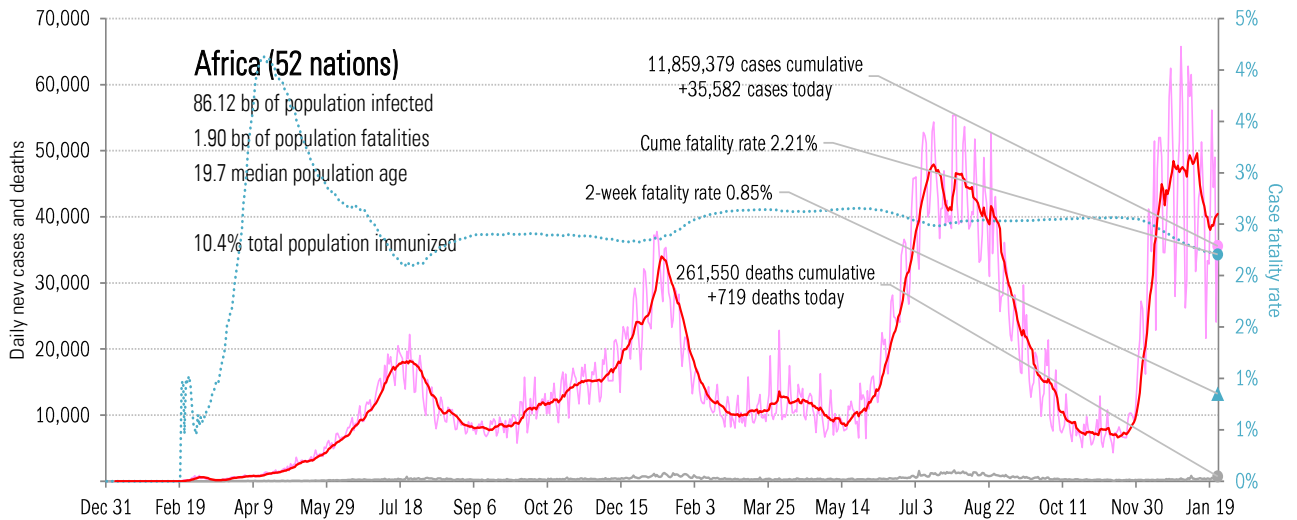
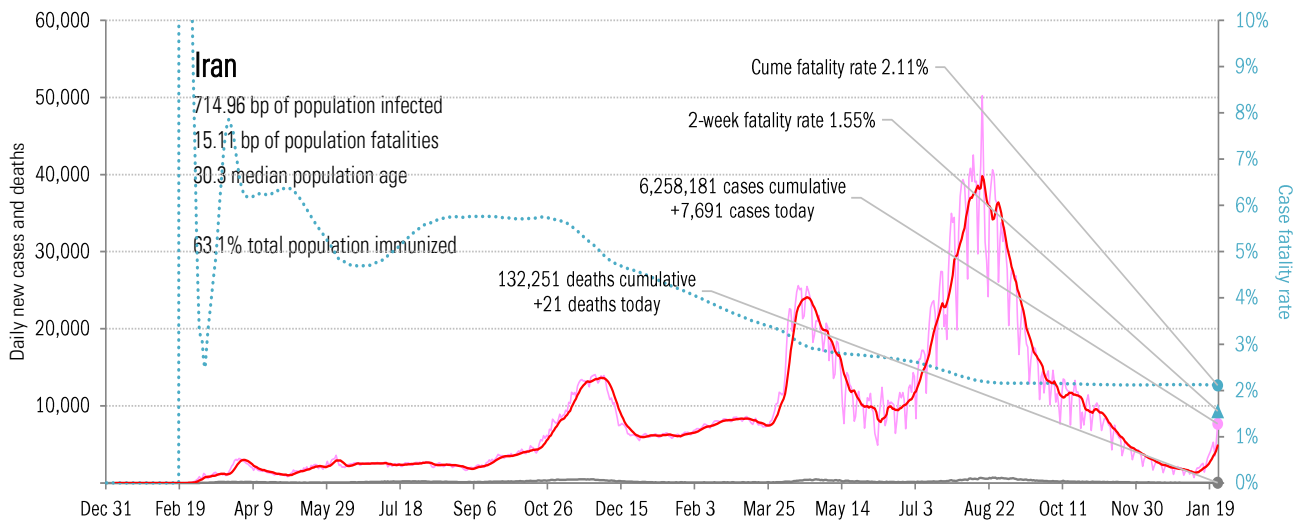
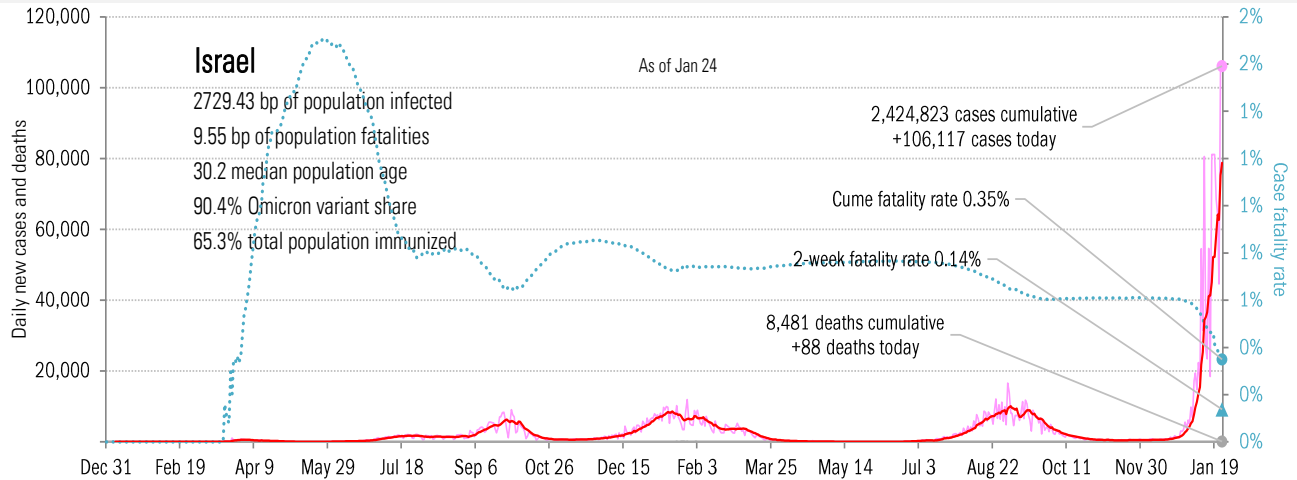
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

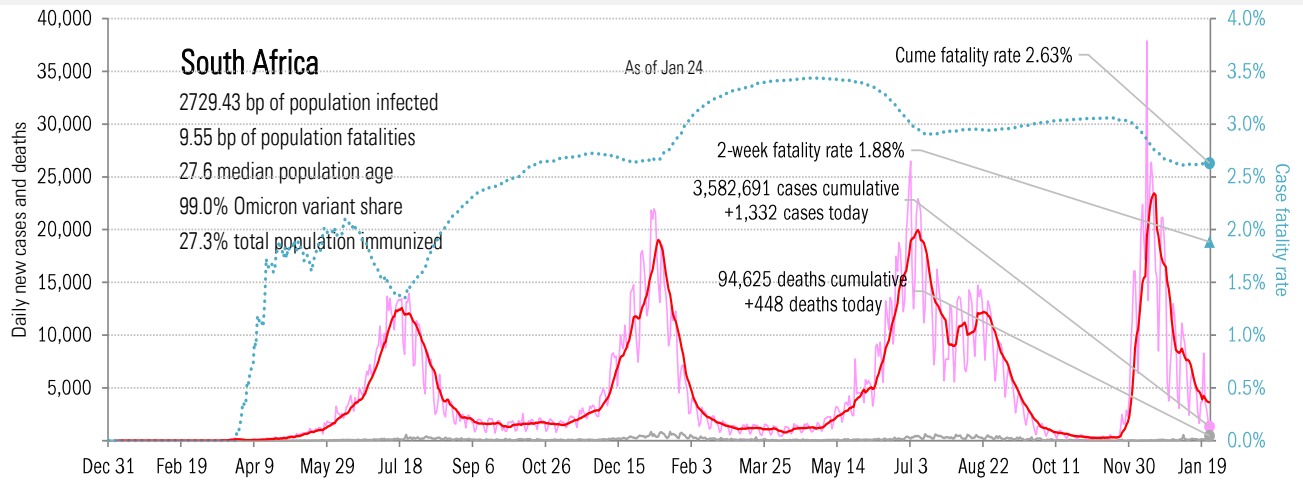
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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