

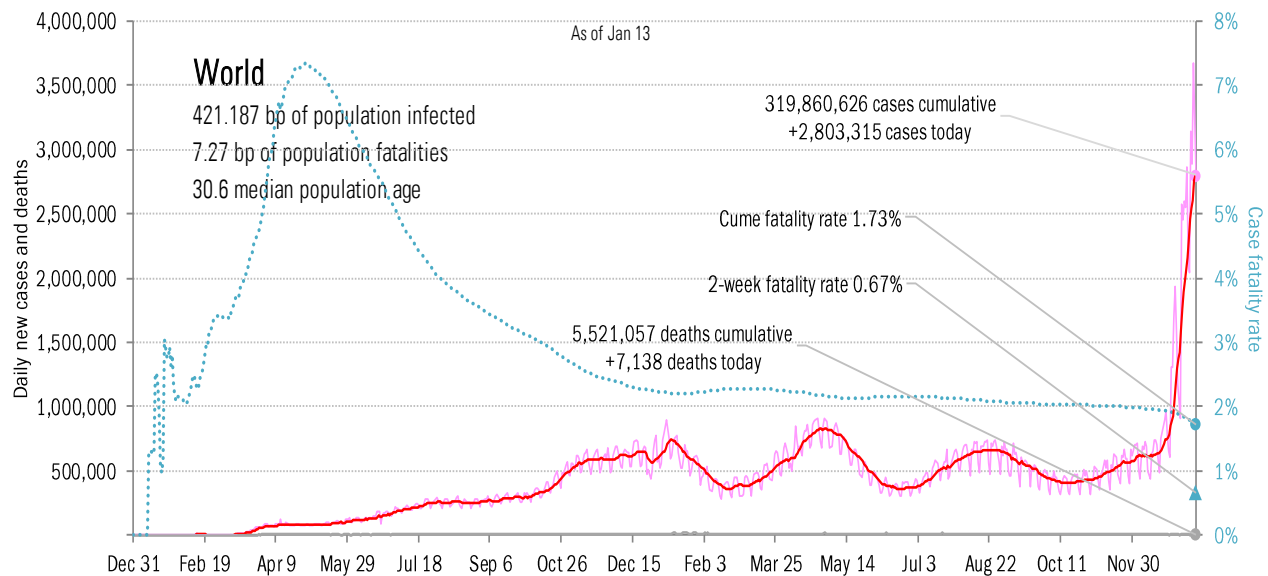
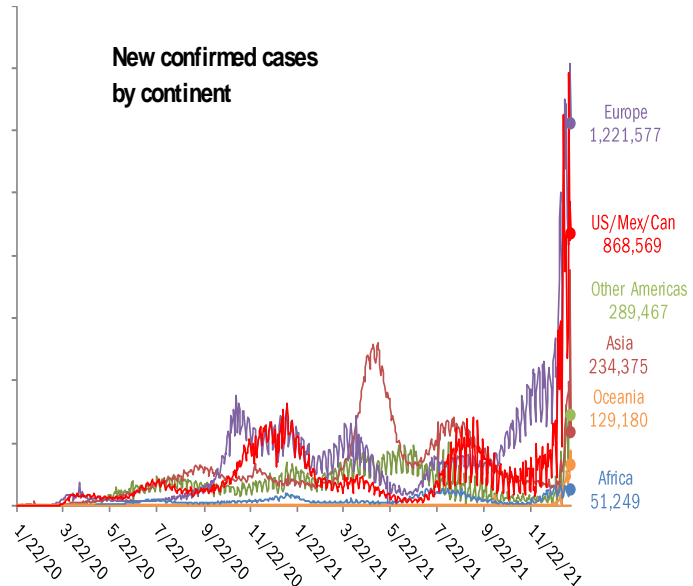
Data Insights: Covid-2019 Monitor

Friday, January 14, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
	New cases		New Deaths
	United States 793,557		United States 1,884
	France 308,388		Russia 723
	Italy 184,577		Poland 481
	Spain 159,161		United Kingdom 337
	Argentina 128,402		Italy 316
	Australia 128,185		Germany 287
	United Kingdom 106,489		France 226
	Brazil 97,945		Ukraine 208
	Germany 89,920		Vietnam 206
	Turkey 75,564		Brazil 189
	2,072,188		4,857
	World 2,803,315		World 7,138
	Top ten 74%		Top ten 68%



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

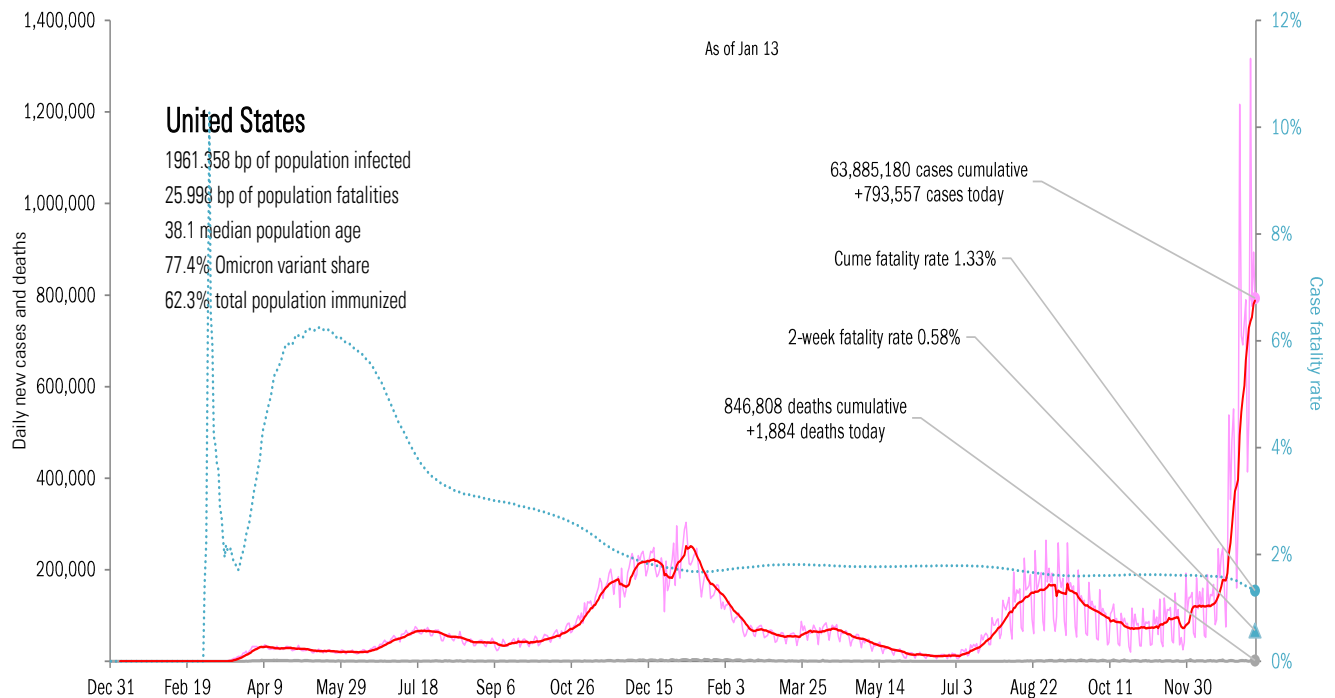
The ten worst US states

New cases			New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital		Hospital use		ICU use	
CA	87,250		NY	238	CA	437	CA	6,720,235	CA	77,507	TX	423,819	GA	89%	TX	95%
TX	72,028		PA	150	TX	215	TX	5,289,510	TX	76,909	FL	360,504	MD	87%	AL	92%
FL	63,892		CA	147	FL	209	FL	4,756,638	FL	62,849	CA	356,494	MA	87%	RI	91%
NY	61,176		IL	142	CK	135	NY	4,374,042	NY	61,433	NY	213,727	RI	86%	NM	91%
NC	44,833		TX	119	PA	120	IL	2,560,001	PA	38,253	GA	180,782	PA	86%	MO	91%
IL	37,048		NJ	116	UT	113	PA	2,377,252	GA	31,875	CH	167,620	MN	86%	GA	90%
PA	26,224		IN	88	NC	112	CH	2,266,236	IL	31,379	PA	154,411	WV	86%	KY	90%
GA	24,310		NC	87	KY	101	GA	2,093,376	CH	30,435	IL	137,434	WA	85%	DC	89%
NJ	23,672		GA	74	GA	85	NC	1,975,543	MI	30,412	MI	124,506	NH	85%	IN	89%
MA	21,709		TN	69	AZ	77	MI	1,940,708	NJ	29,853	KY	124,321	AZ	84%	MS	89%
462,142			1,230		1,604		34,353,541		470,905		2,243,618					
All states	793,557		1,884		1,831		All states	63,885,180	846,808		4,046,180		All states	70%	67%	
Top ten	58%		65%		88%		Top ten	54%	56%		55%		Median	80%	84%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TN	-77,519	MI	-398	FL	-395	DE	+20 bp
MI	-35,759	IA	-182	NY	-384	MD	+20 bp
CA	-18,493	FL	-69	TX	-324	MP	+20 bp
AL	-11,204	PA	-54	NJ	-304	AK	+10 bp
AK	-4,521	IN	-39	CA	-301	AZ	+10 bp

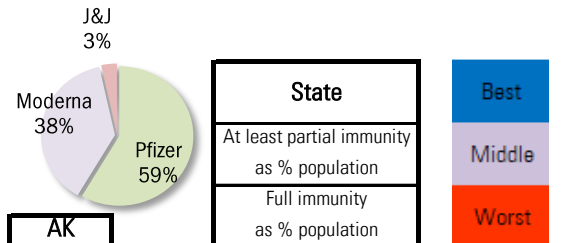


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

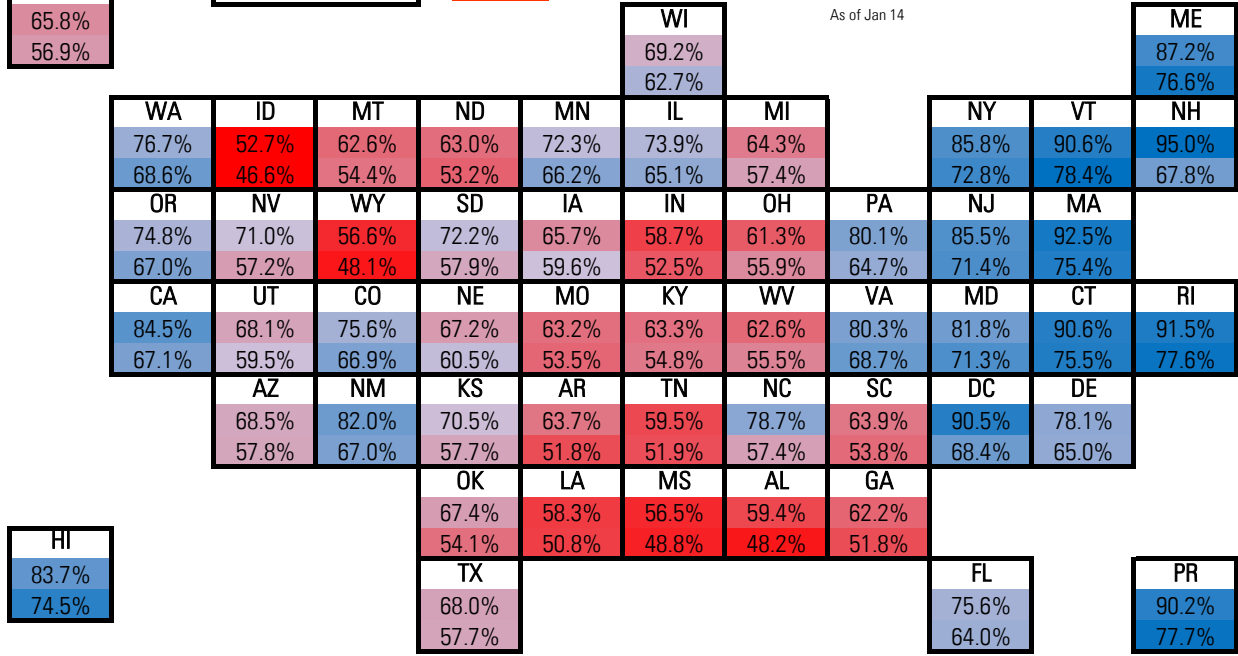
Administered	Cumulative	Today	Immunity	Full	Partial
Doses	537,623,284	+1.734 million	US	62.3%	74.7%
Boosters	79,250,291	+1.046 million	UK	70.1%	76.3%
	One dose	% Pop	Immune	% pop	New immune today
Total population	254,009,218	76%	213,719,883	64%	+0.384 million
Age 12 to 17	15,516,638	65%	13,000,473	55%	+0.064 million
Age 18 to 64	171,649,801	84%	144,880,572	71%	+0.239 million
Age 65 and over	58,066,604	100%	49,822,353	91%	+0.016 million

France	74.9%	79.1%
Spain	81.6%	86.1%
Germany	71.8%	74.2%
Italy	75.0%	81.5%
Australia	77.5%	80.6%
Israel	64.7%	71.7%
Canada	77.8%	84.1%
Japan	78.9%	80.3%
Africa	10.0%	15.3%
India	46.5%	64.8%
Brazil	67.9%	78.0%
China	84.2%	87.4%

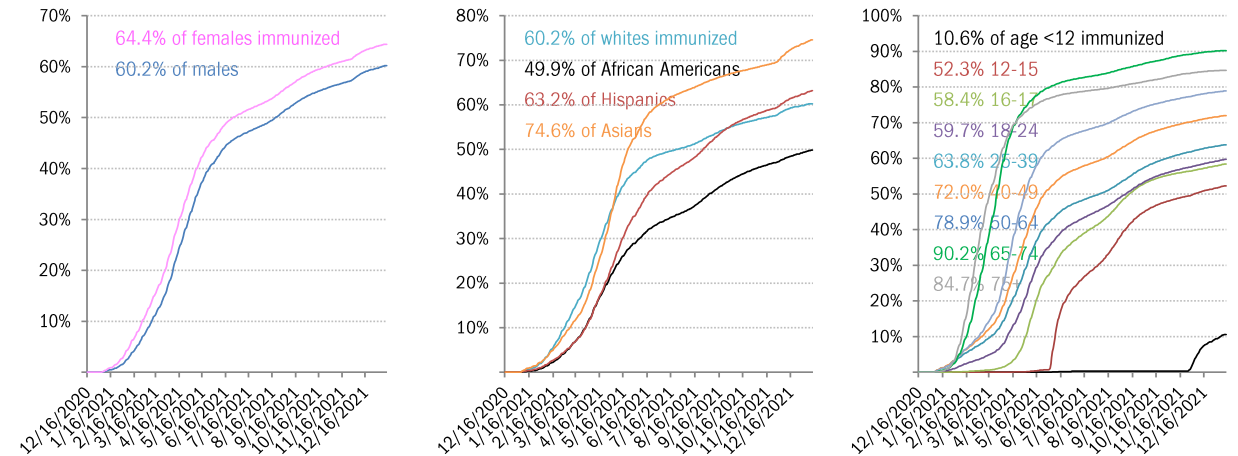


Every American >18 immunized in **199 days** by Aug 1, 2022
 75.4% of population >18 immunized
 22.5% previously tested positive
97.9% vs 60% adult herd immunity

Global data differs due to sources, timing



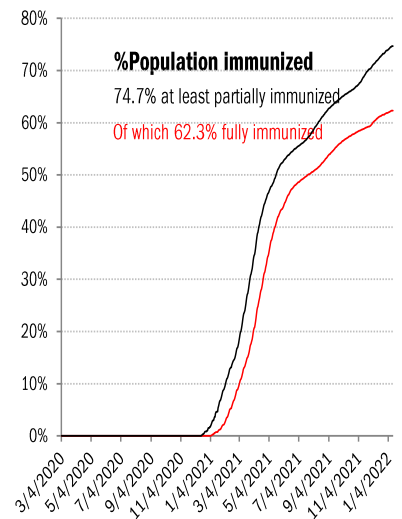
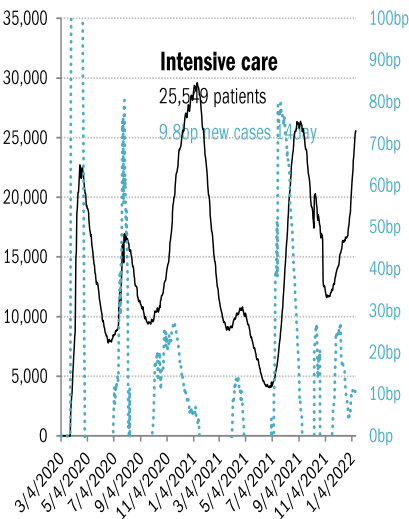
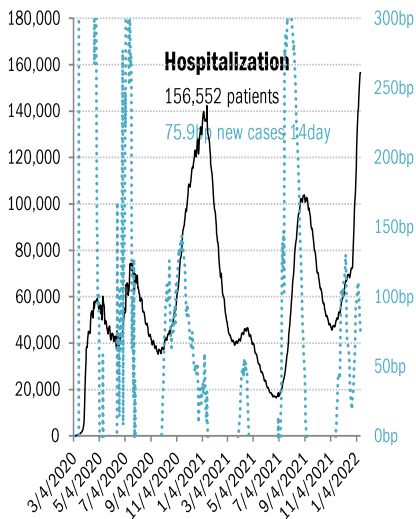
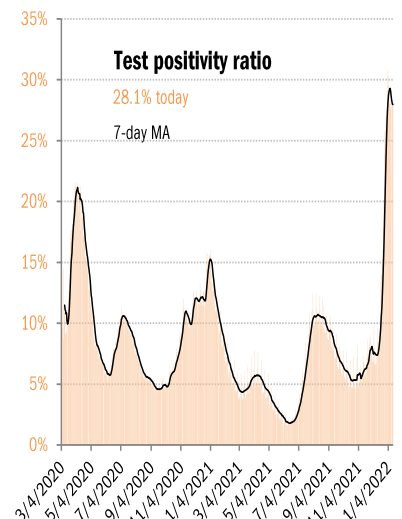
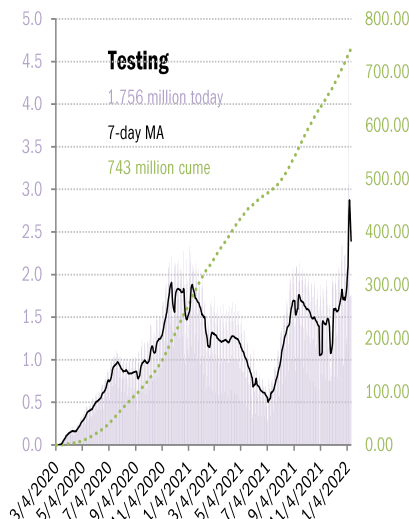
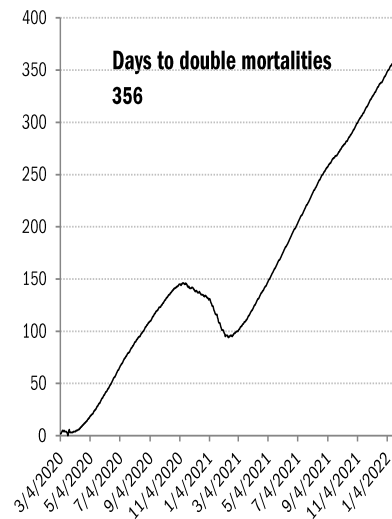
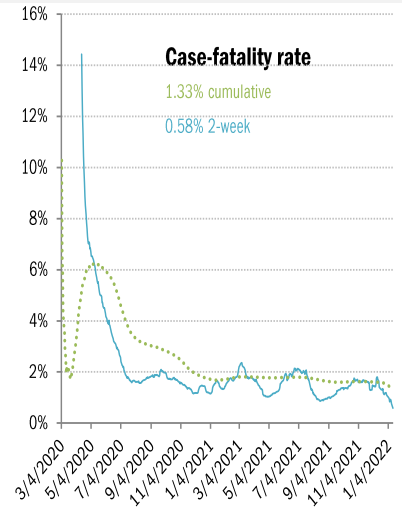
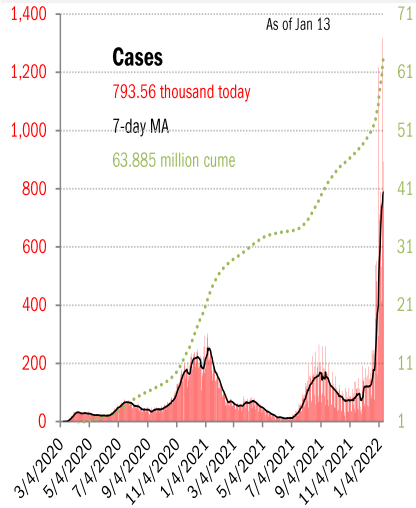
The demographics of US vaccination



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

[Political Scandals Are the Exit From Covid Coercion](#)

Joseph C. Sternberg
Wall Street Journal
January 13, 2022

[Supreme Court Blocks Biden's Virus Mandate for Large Employers](#)

Adam Liptak
New York Times
January 13, 2022

[National Federation Of Independent Business, Et Al., V. Department Of Labor, Occupational Safety And Health Administration, Et Al.](#)

Supreme Court of the United States
January 13, 2022

[Fauci Is Caught On Hot Mic Attacking Senator Marshall: 'What A Moron! Jesus Christ!'](#)

GOPUSA
January 12, 2022

[Omicron wave prompts media to rethink which data to report](#)

David Bauder
AP
January 12, 2022

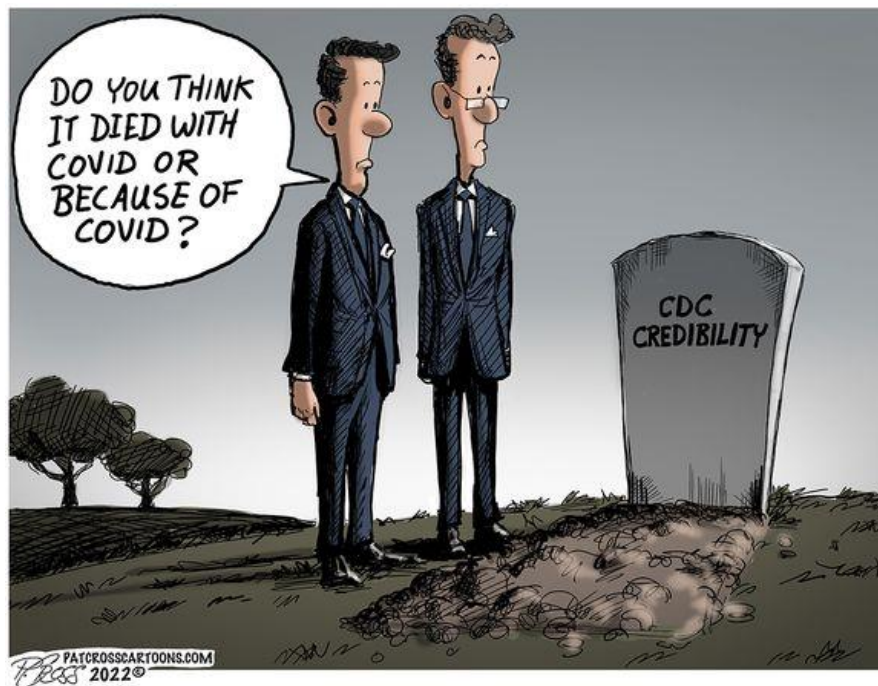
[Omicron Appears to Have Peaked in U.K., Offering Hope the Wave Is Receding](#)

Jason Douglas
Wall Street Journal
January 13, 2022

[Clinical outcomes among patients infected with Omicron \(B.1.1.529\) SARS-CoV-2 variant in southern California](#)

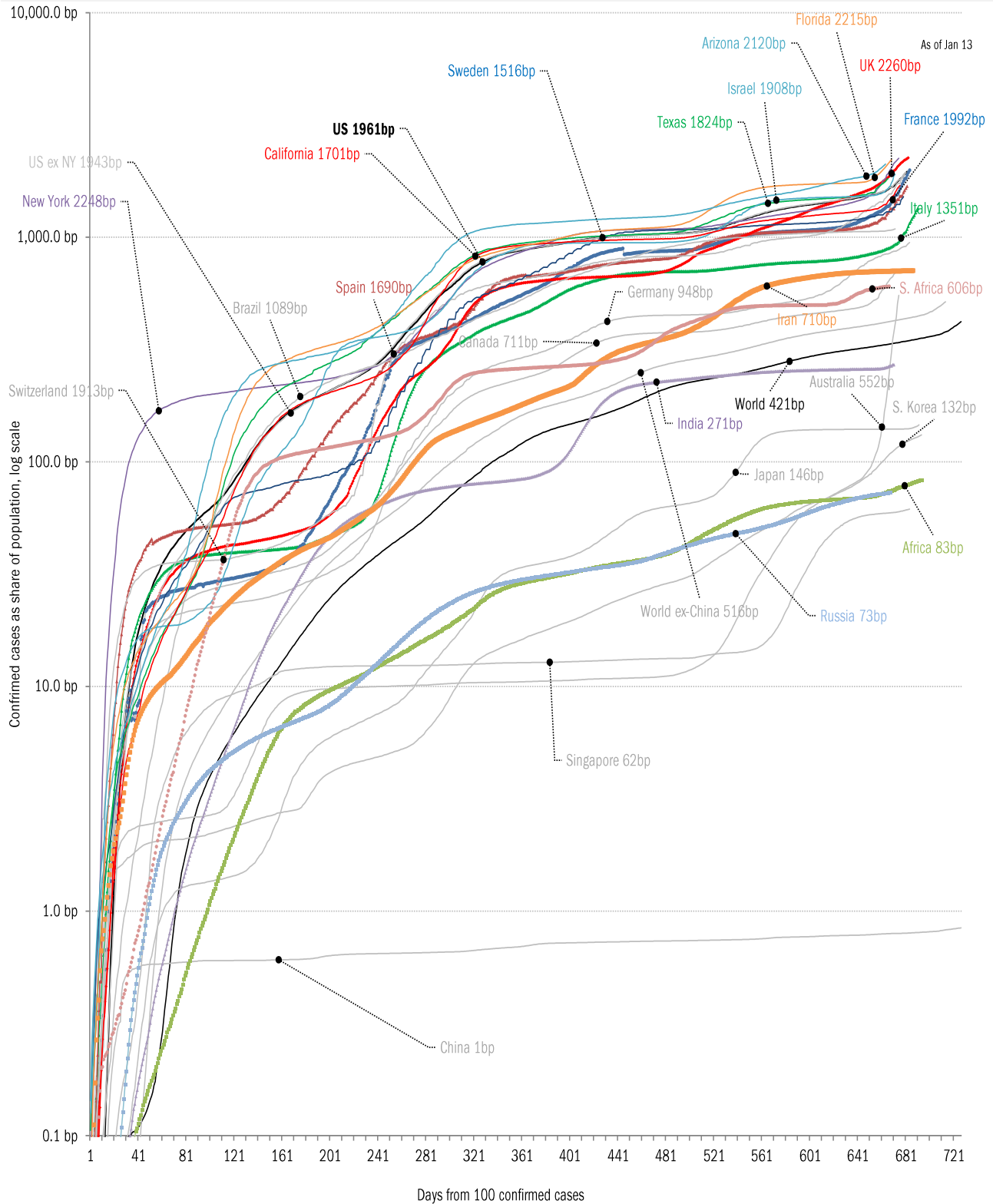
Joseph A. Lewnard et al.
medRxiv
January 11, 2022

Meme of the day



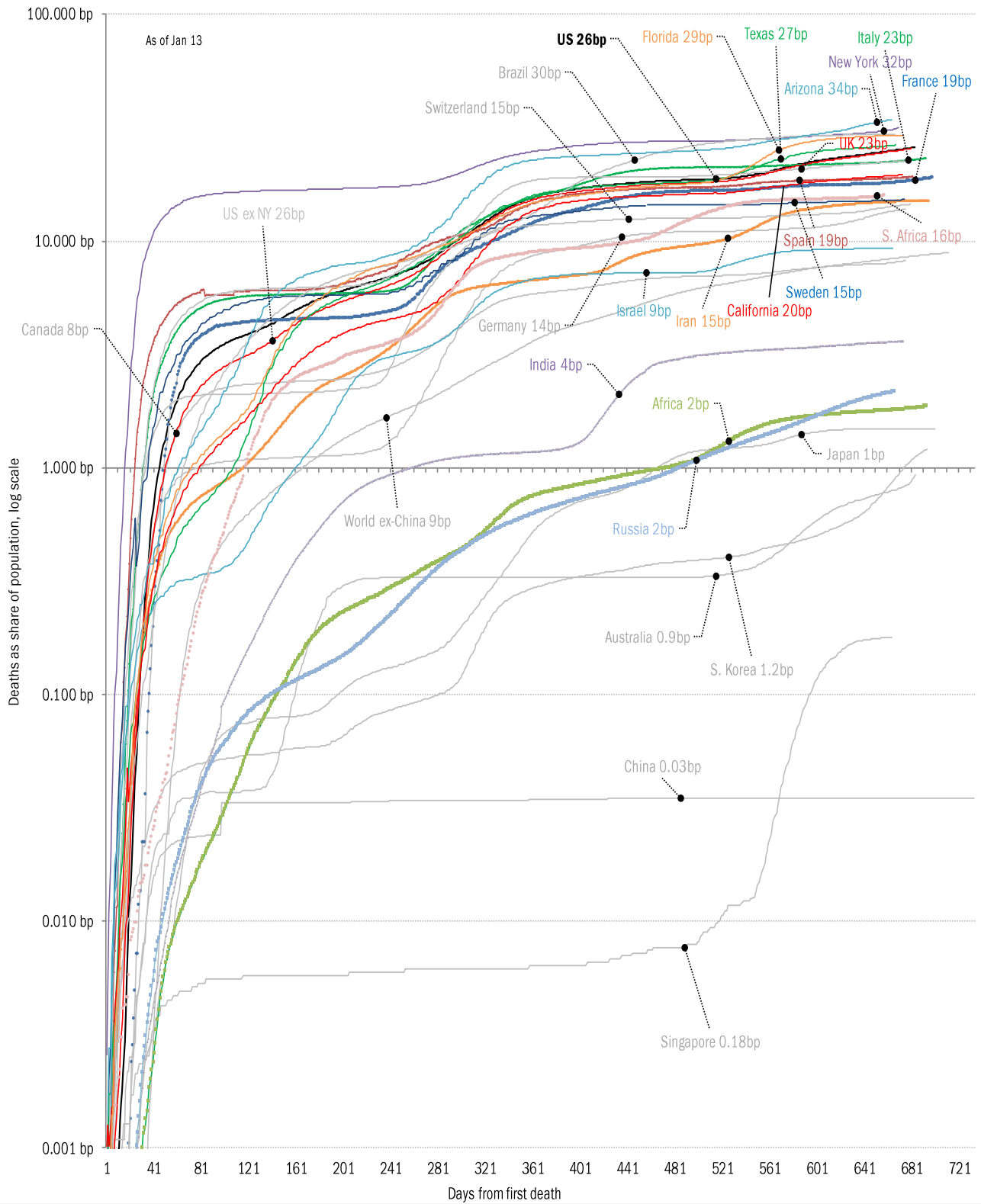
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

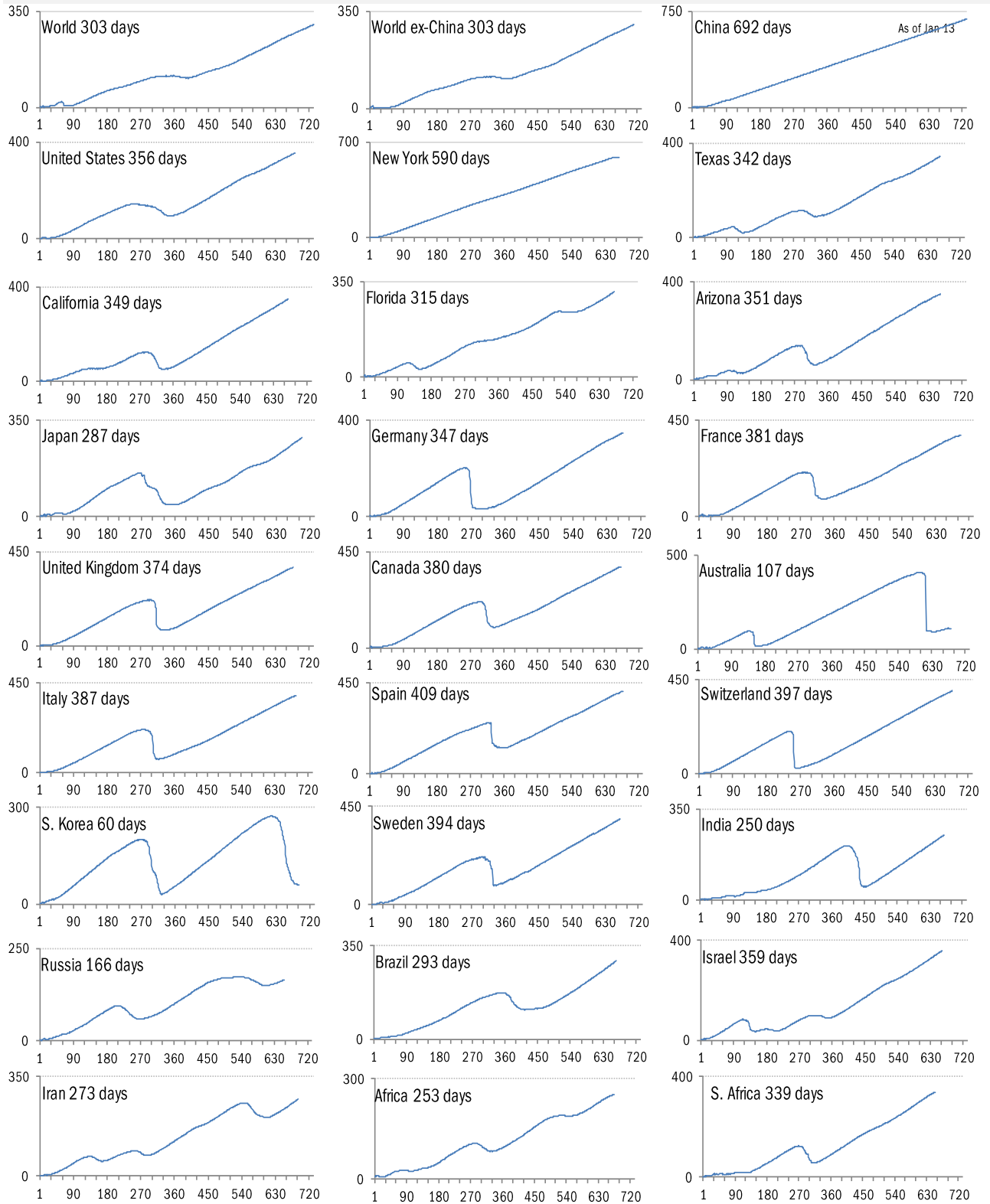


Source: [Johns Hopkins](#), TrendMacro calculations

"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

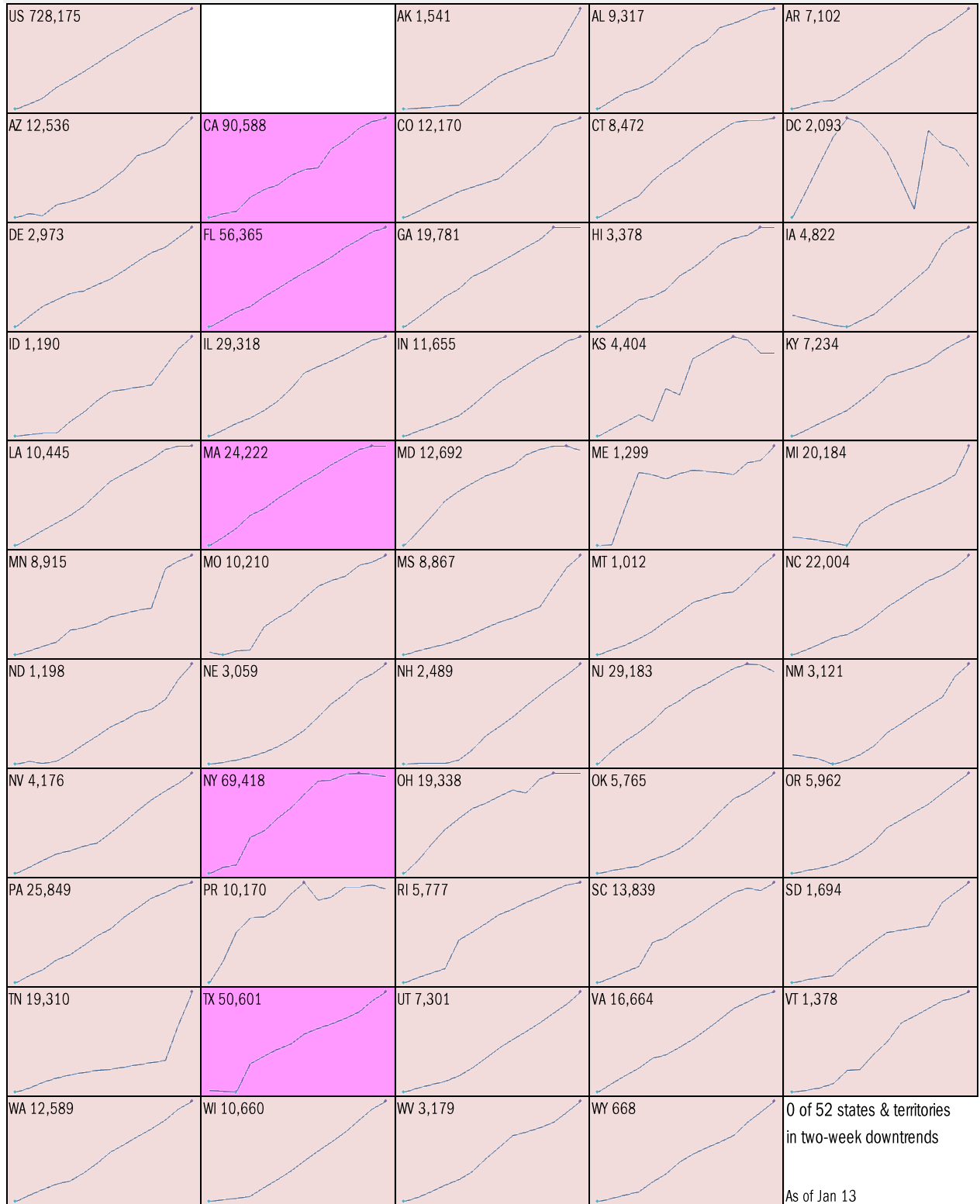


Source: [Johns Hopkins](#), TrendMacro calculations

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

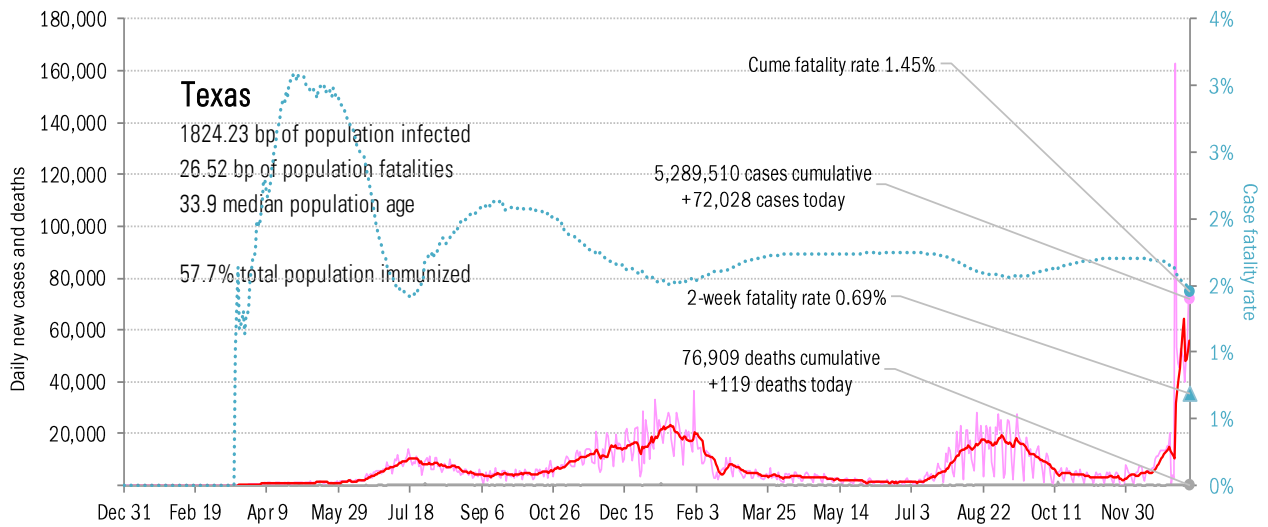
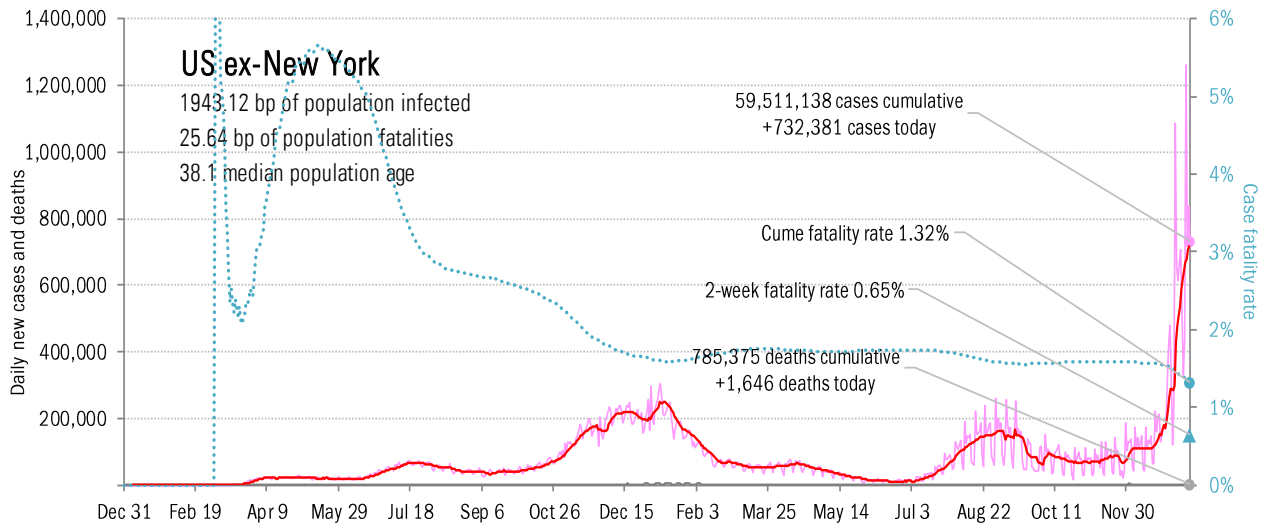
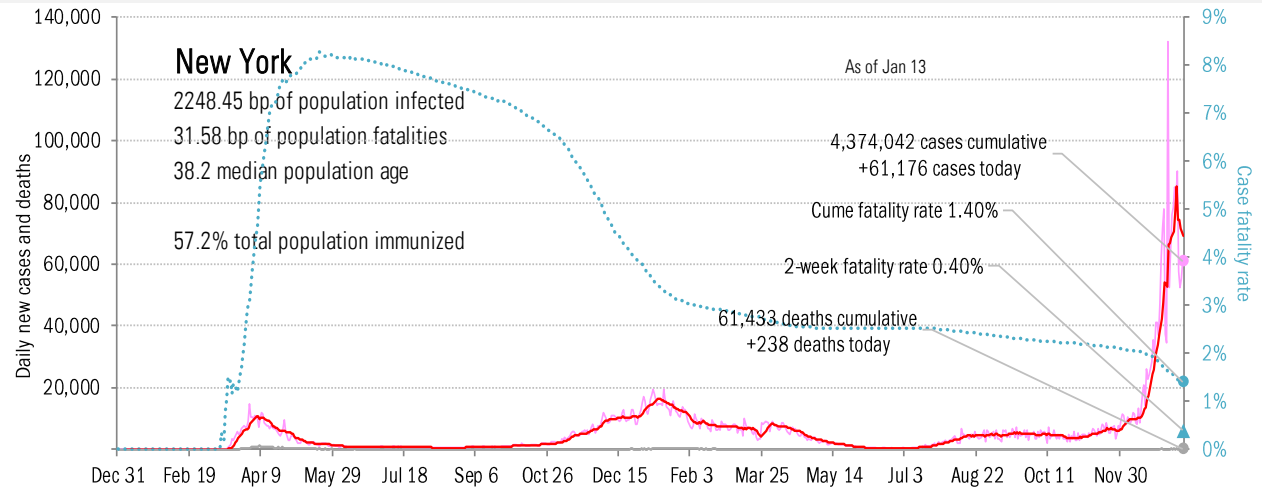
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

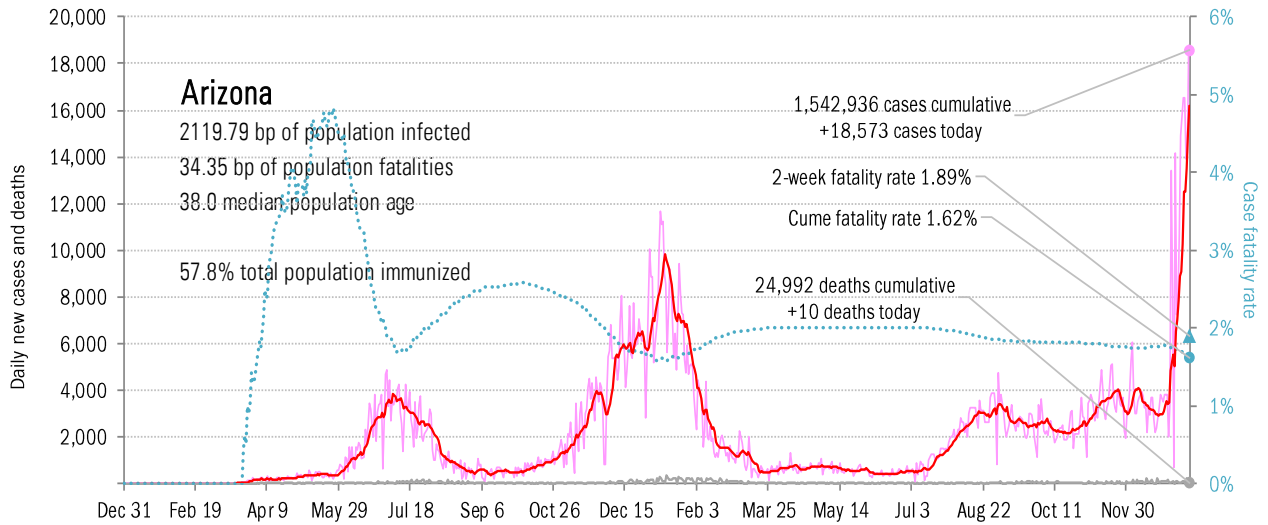
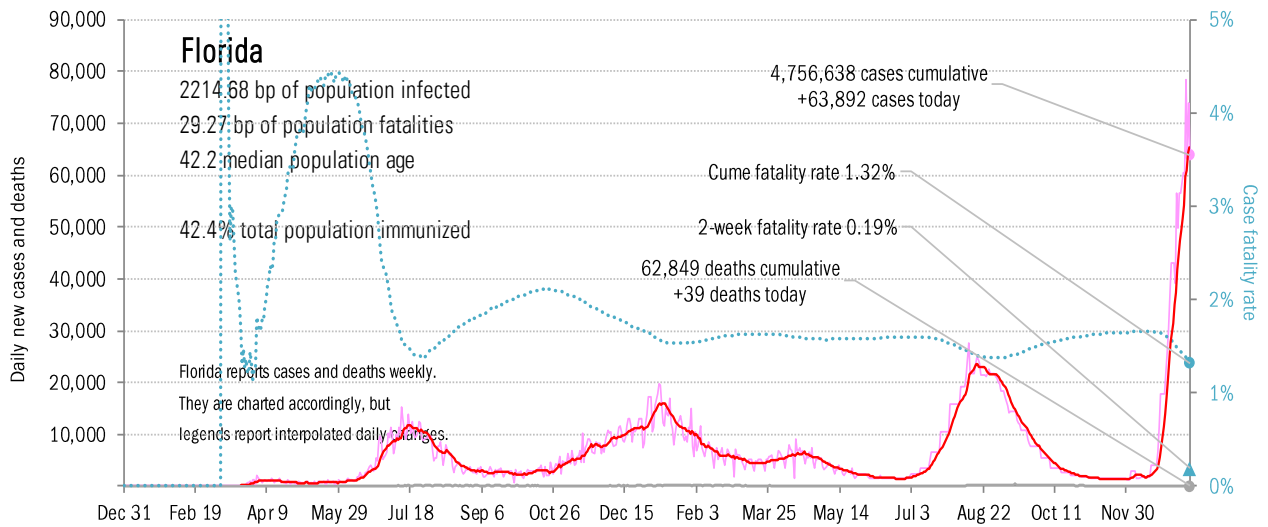
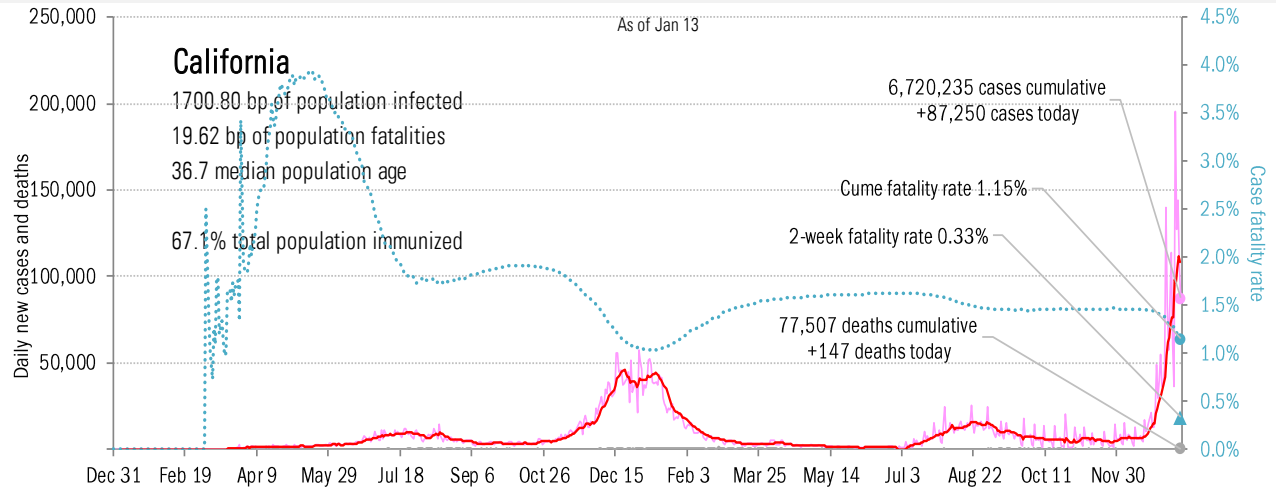
Cases: 7-day average and daily Deaths: Daily



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

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

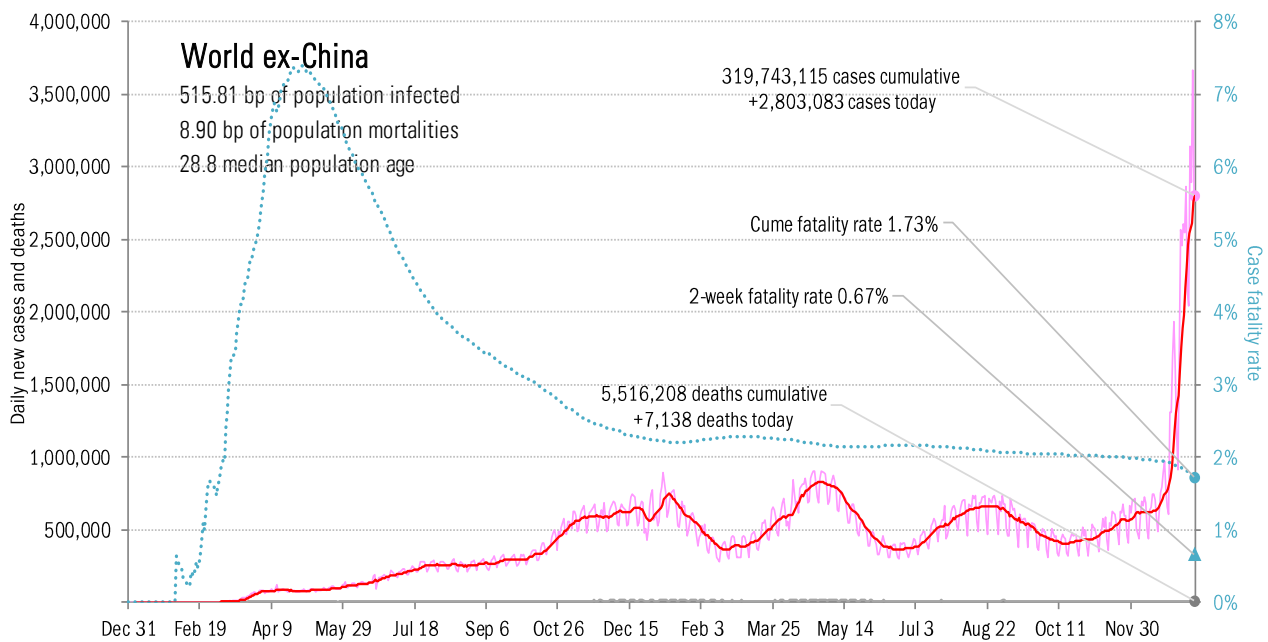
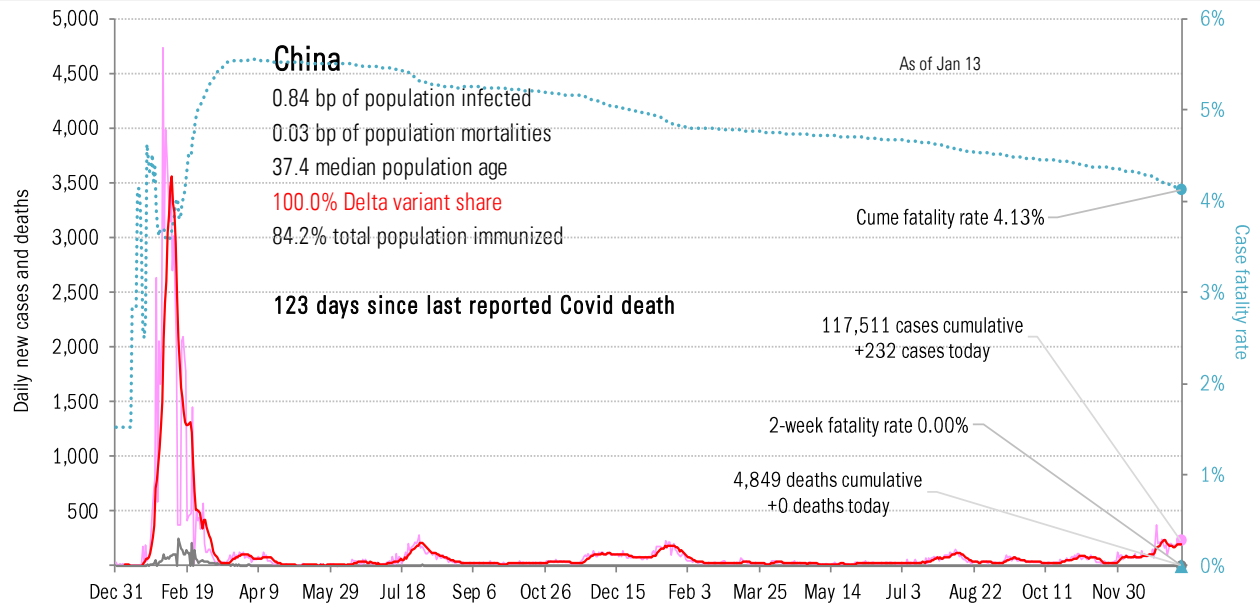
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

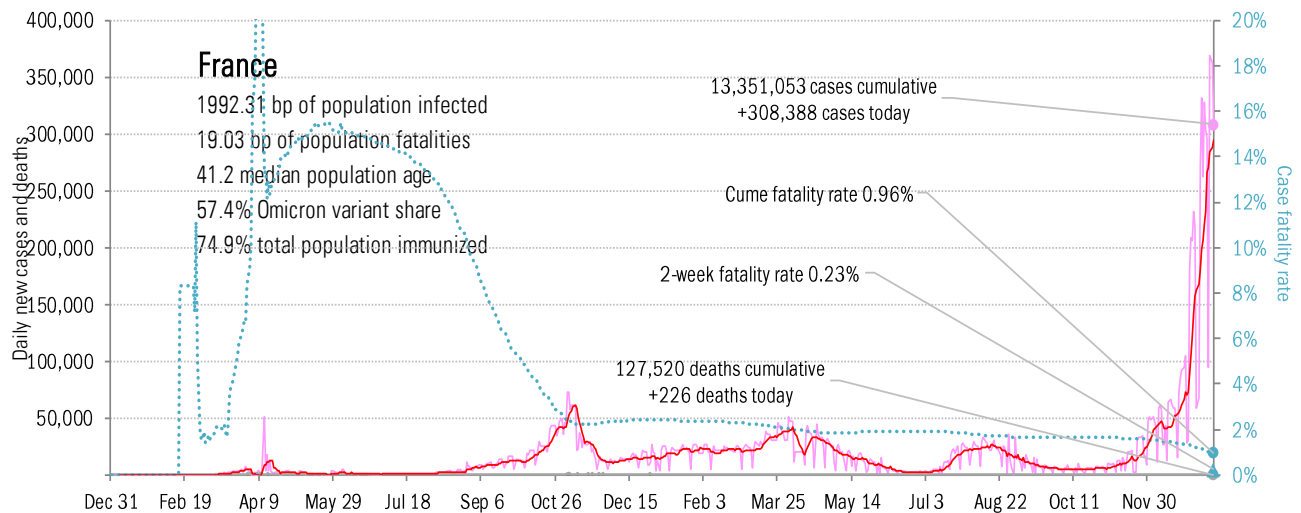
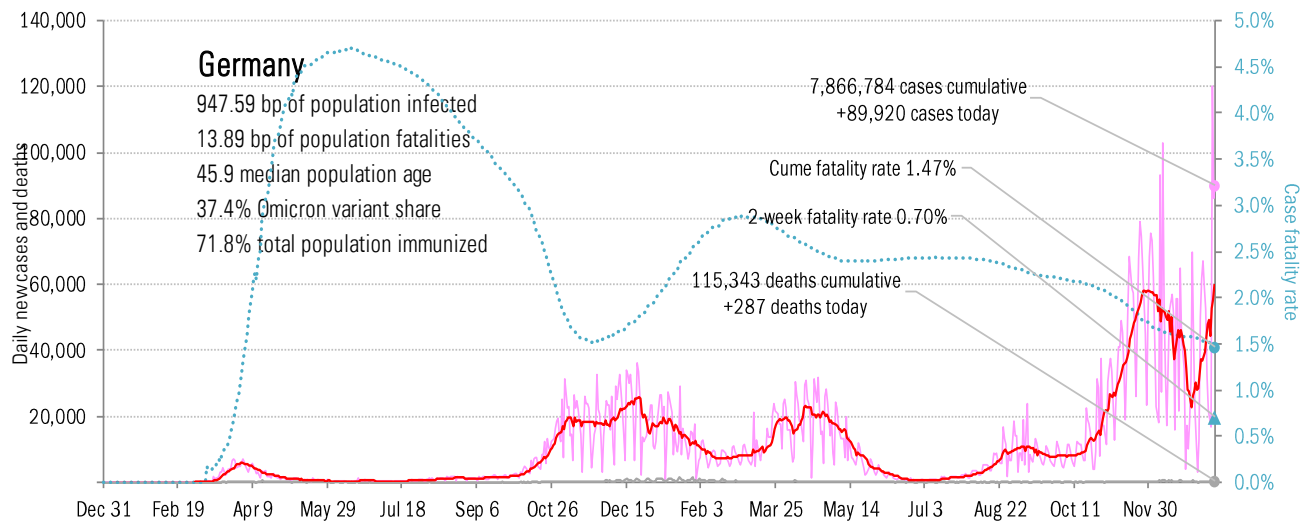
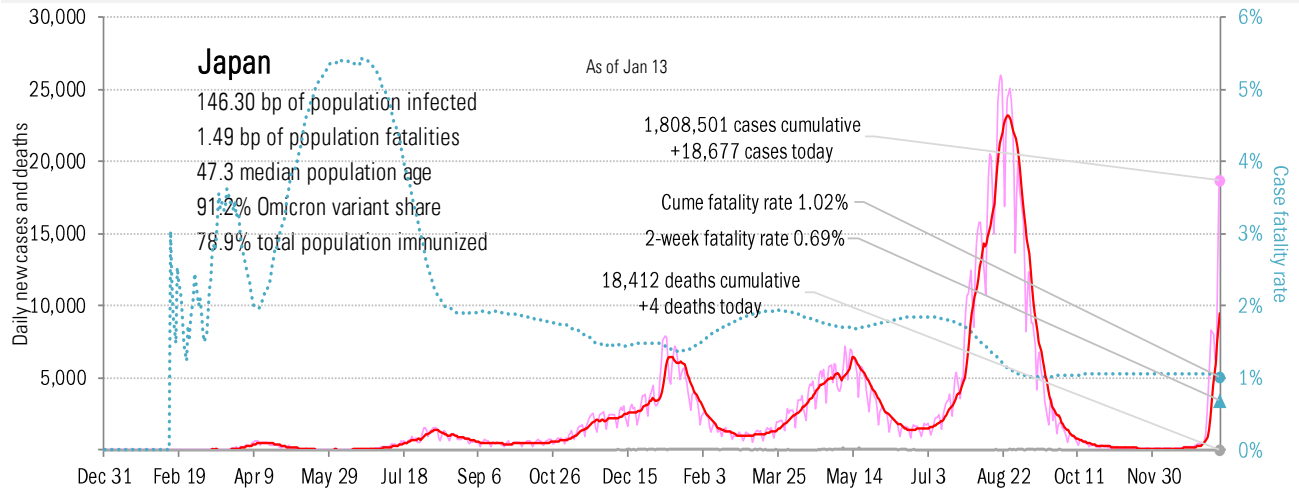
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

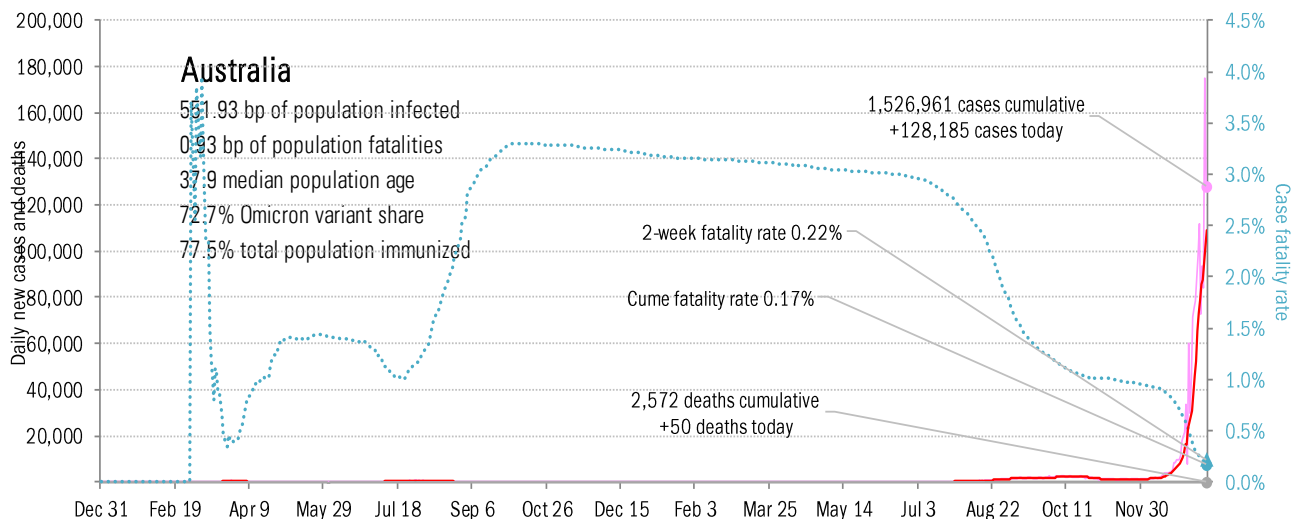
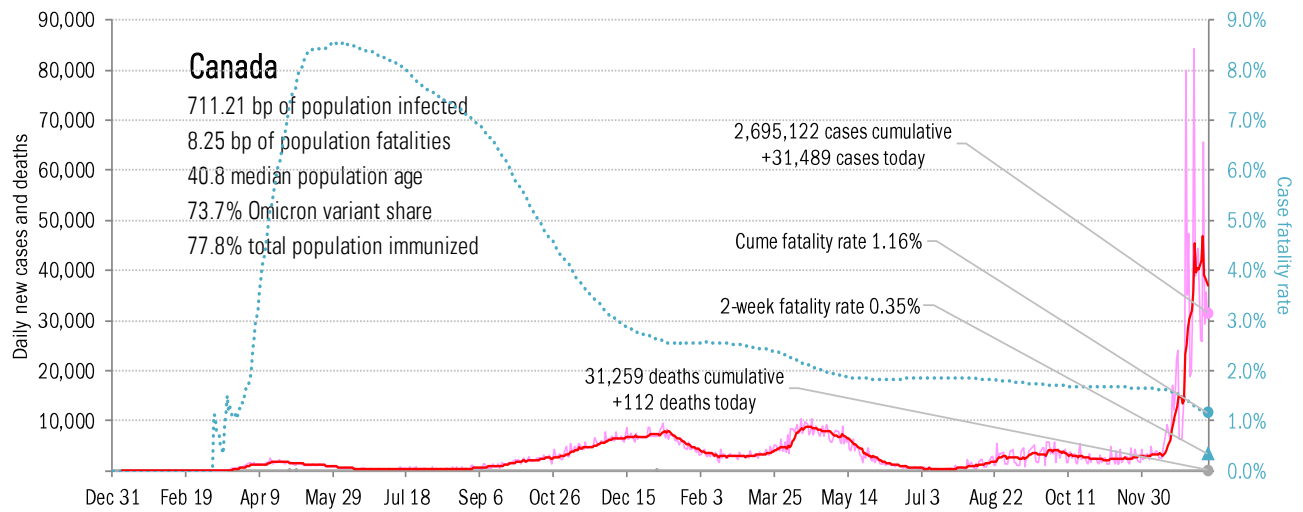
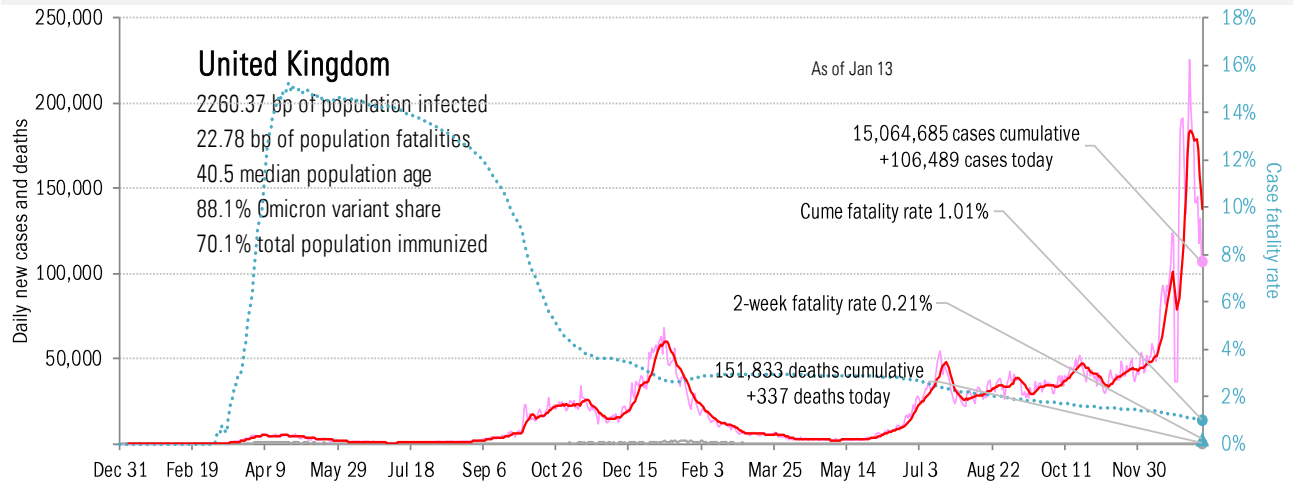
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

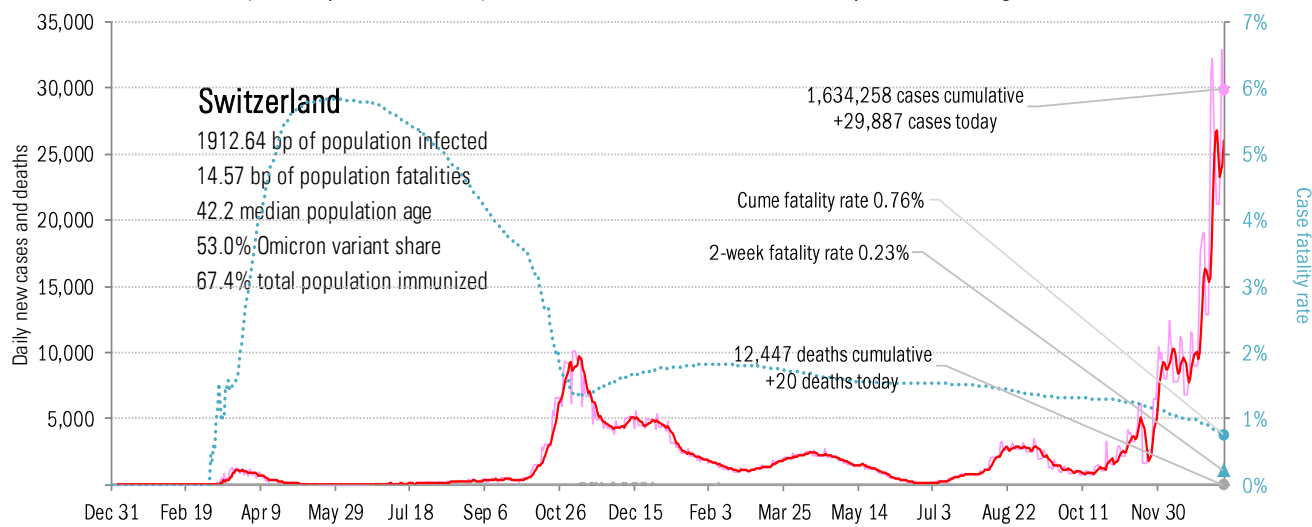
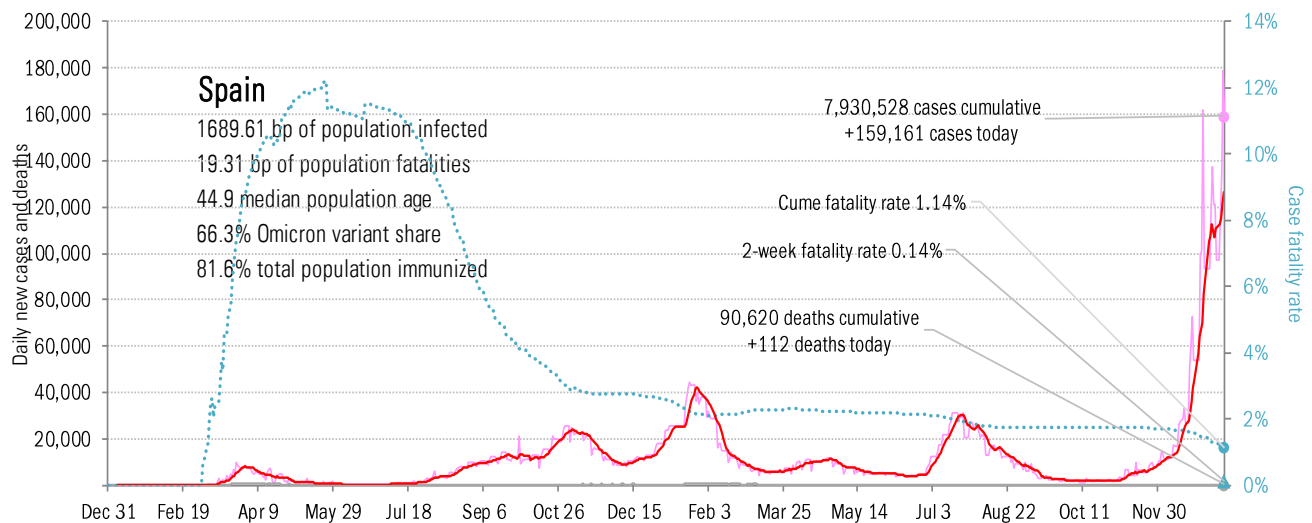
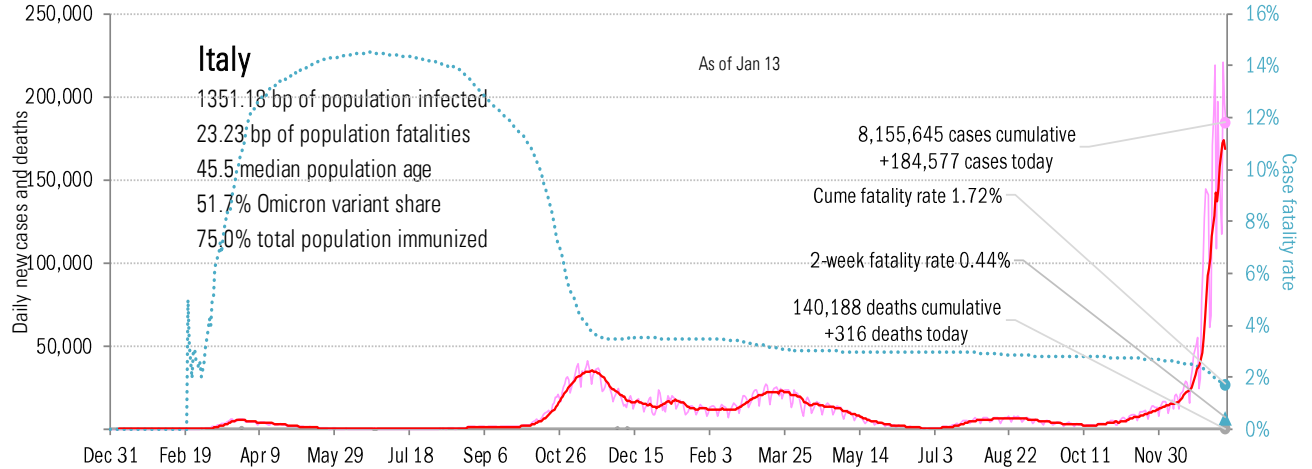
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

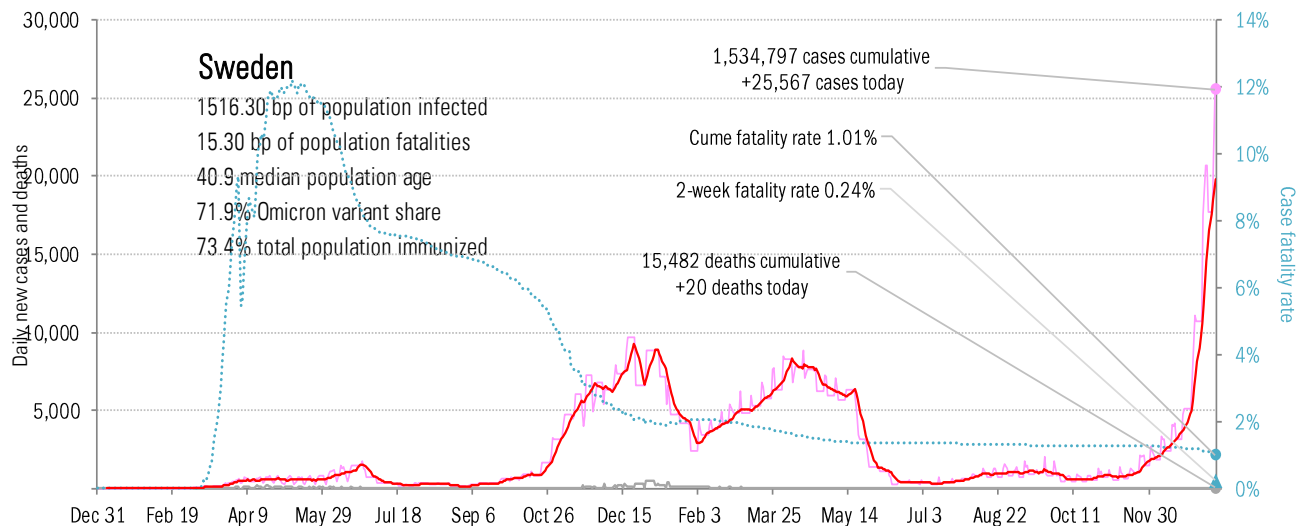
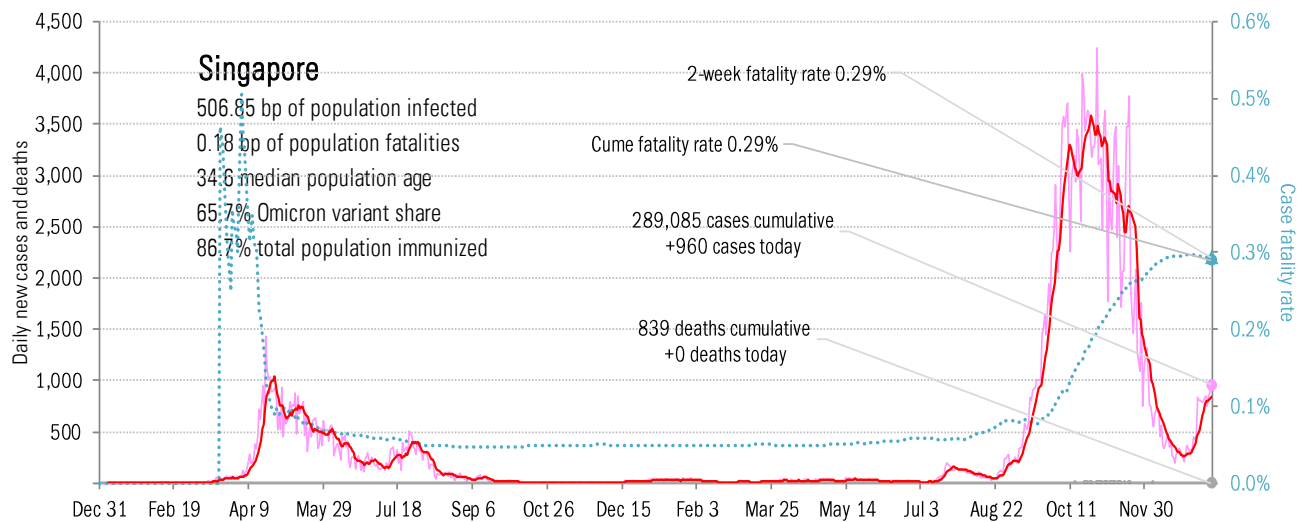
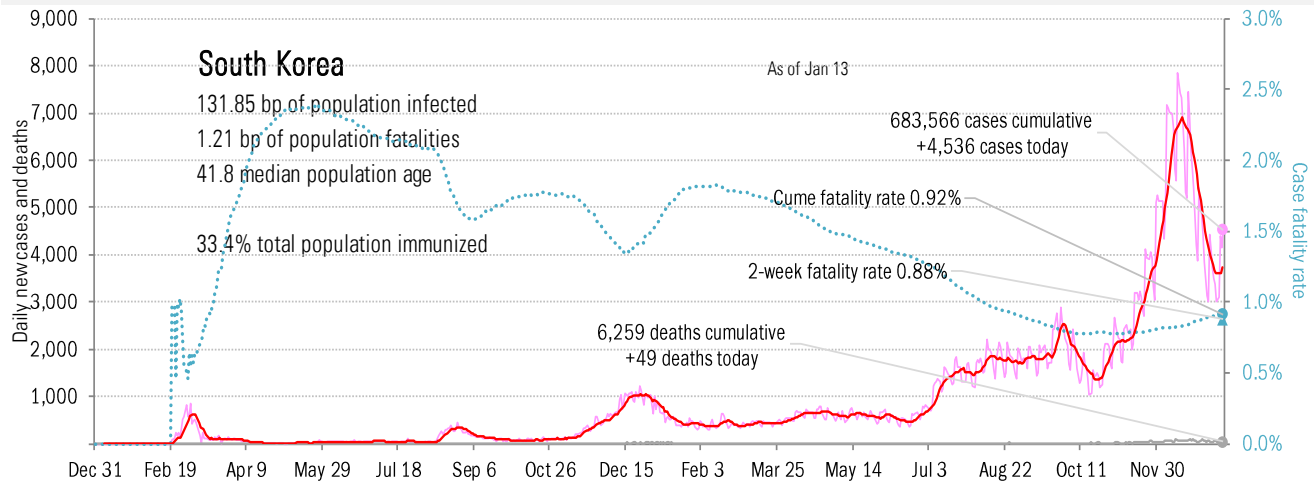
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

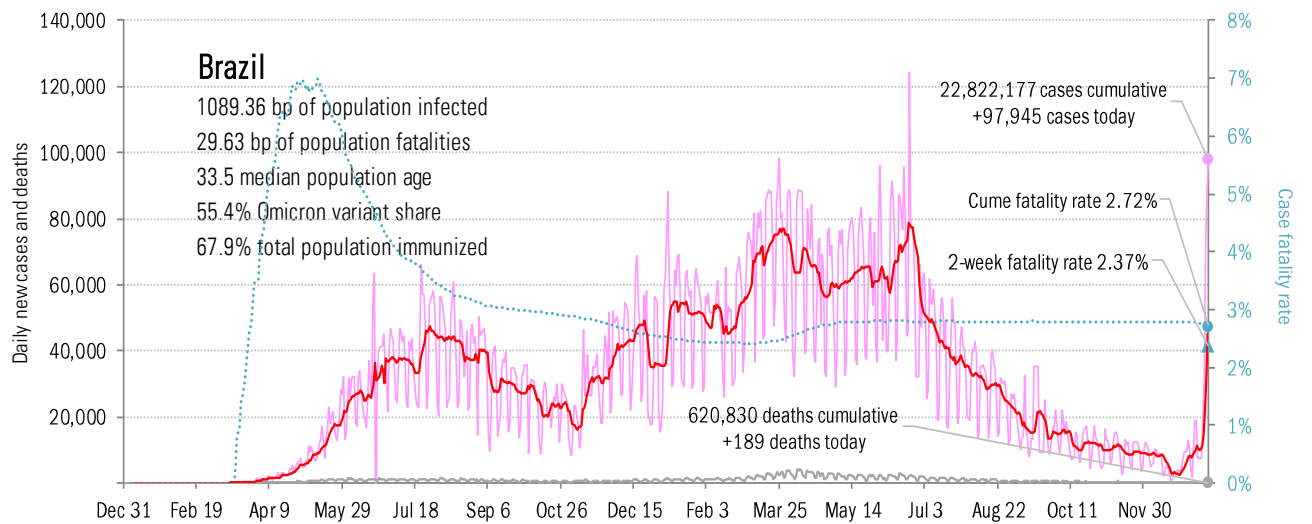
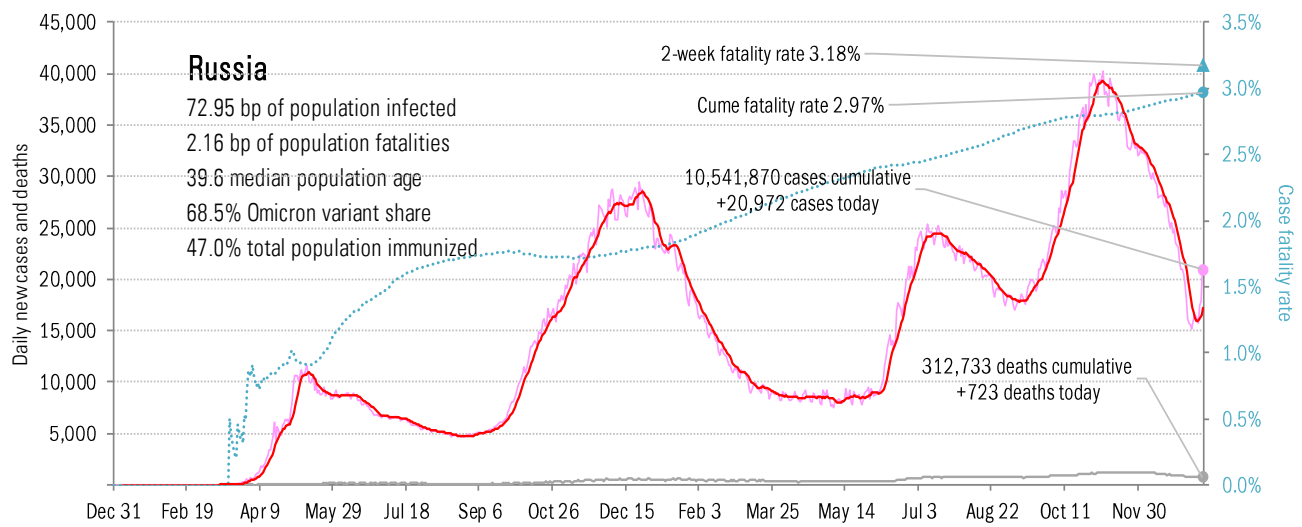
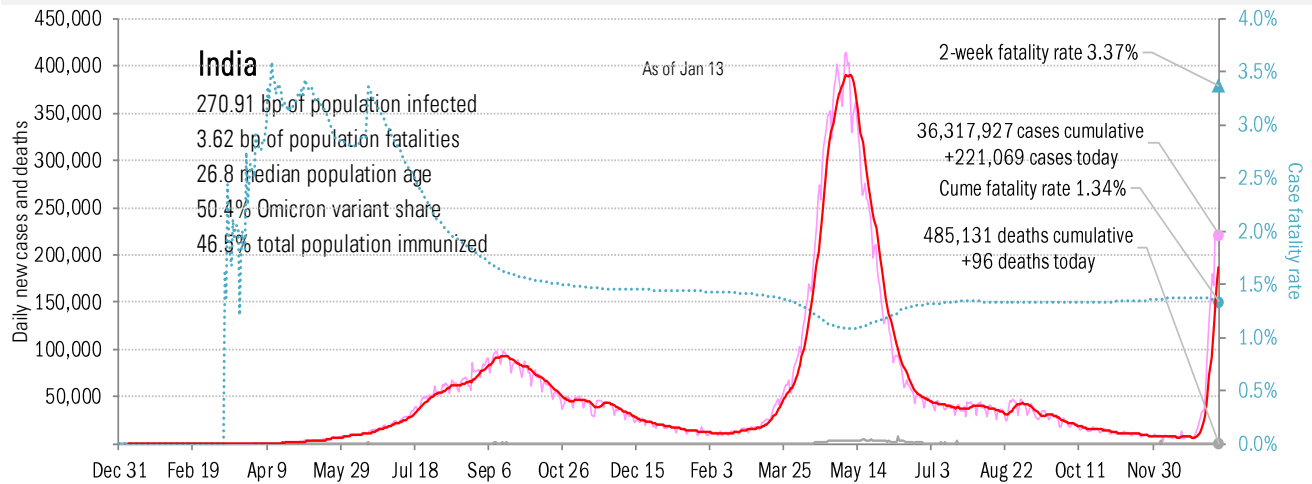
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

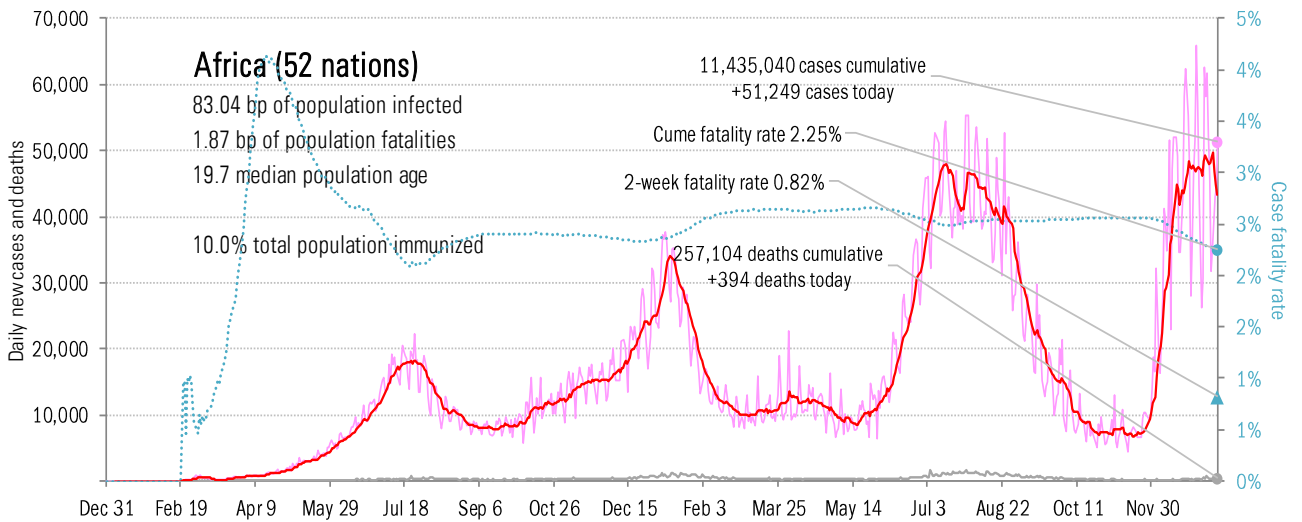
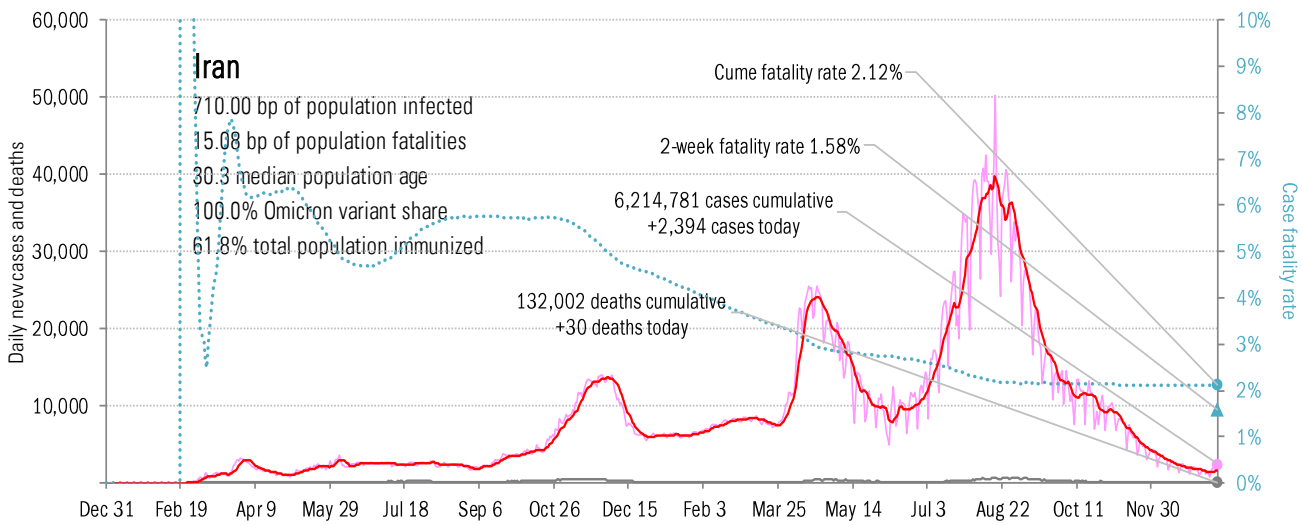
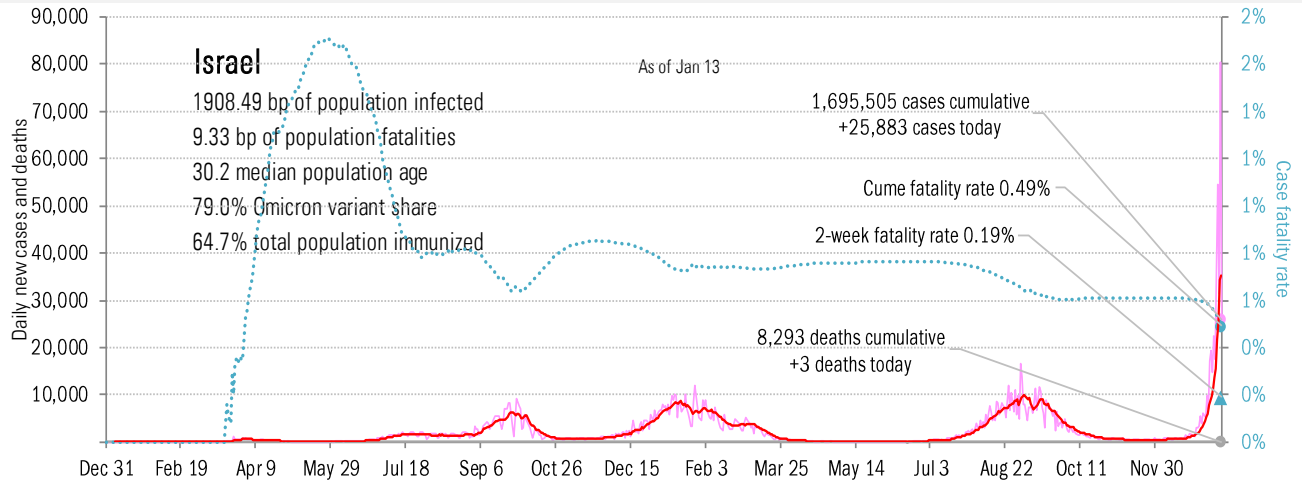
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

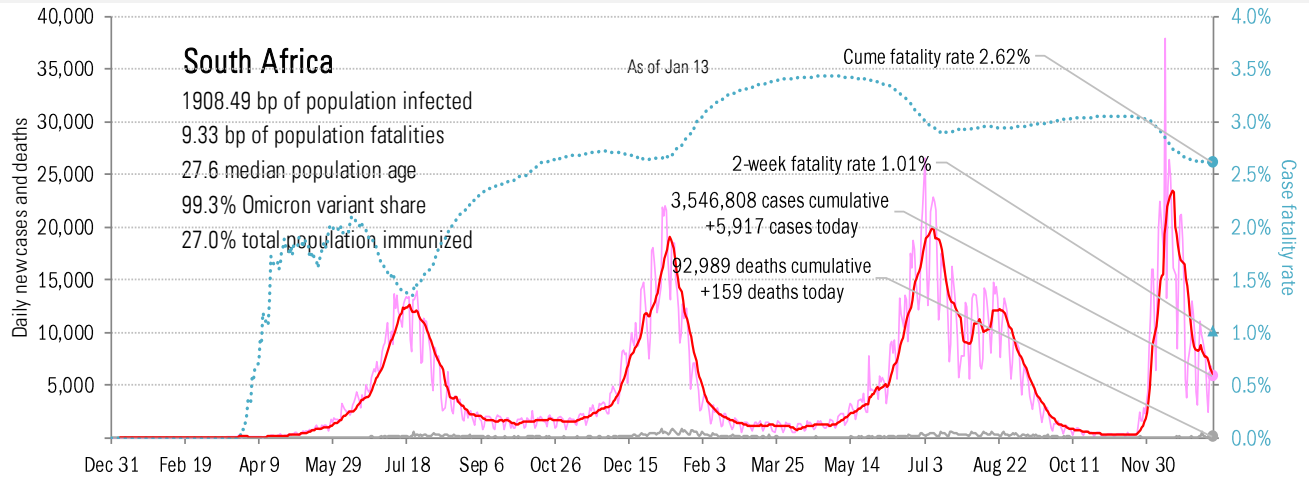
Cases: 7-day average and daily Deaths: Daily



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