

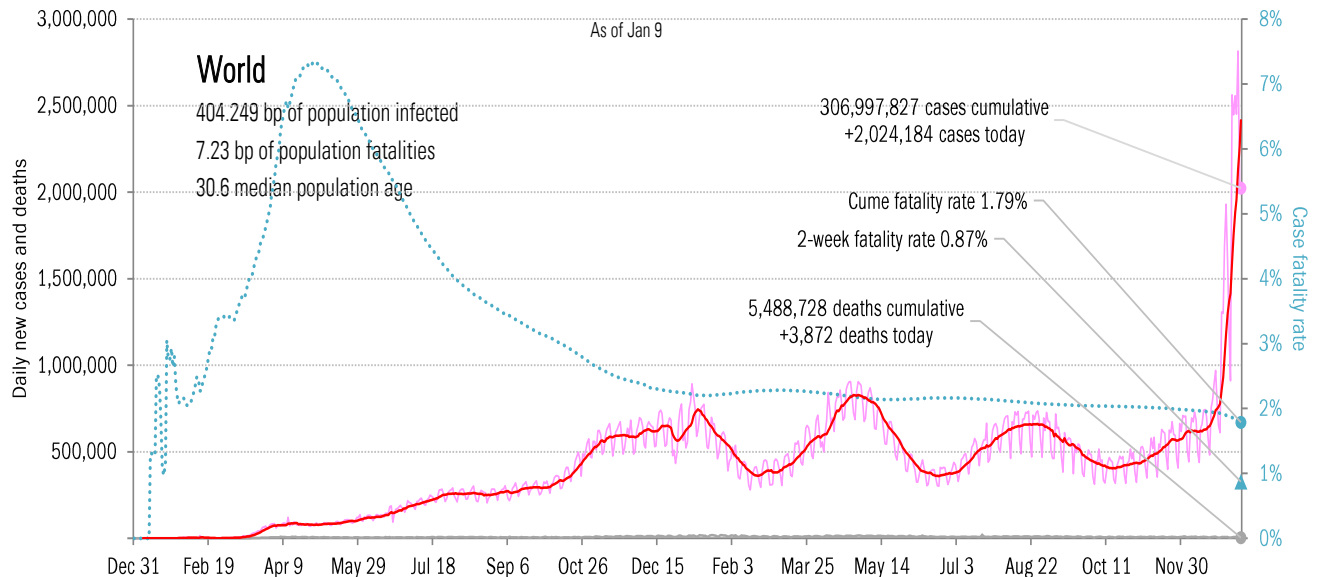
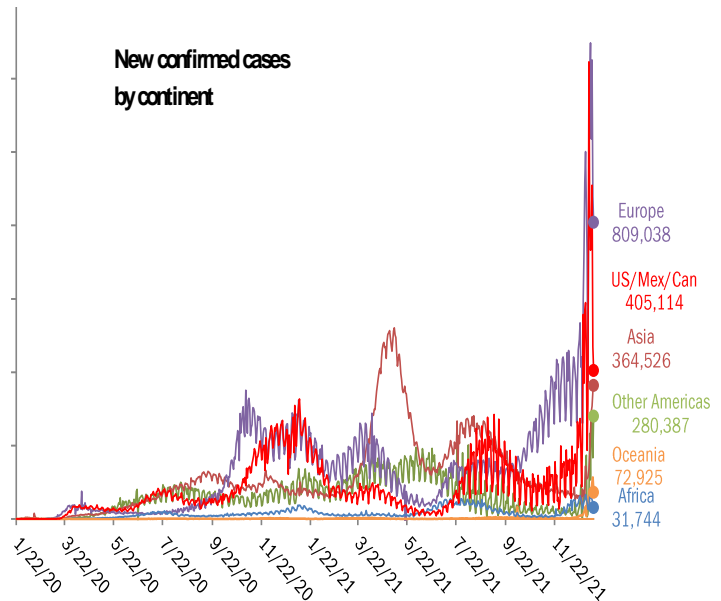
Data Insights: Covid-2019 Monitor

Monday, January 10, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	367,658	Russia	746
France	296,097	Brazil	597
Brazil	200,931	United States	356
India	179,723	Vietnam	202
Italy	155,642	Turkey	173
United Kingdom	141,702	Italy	157
Argentina	73,319	India	146
Australia	72,834	United Kingdom	97
Turkey	61,727	Ukraine	92
Netherlands	34,037	France	90
1,583,670		2,656	
World	2,024,184	World	3,872
Top ten	78%	Top ten	69%



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

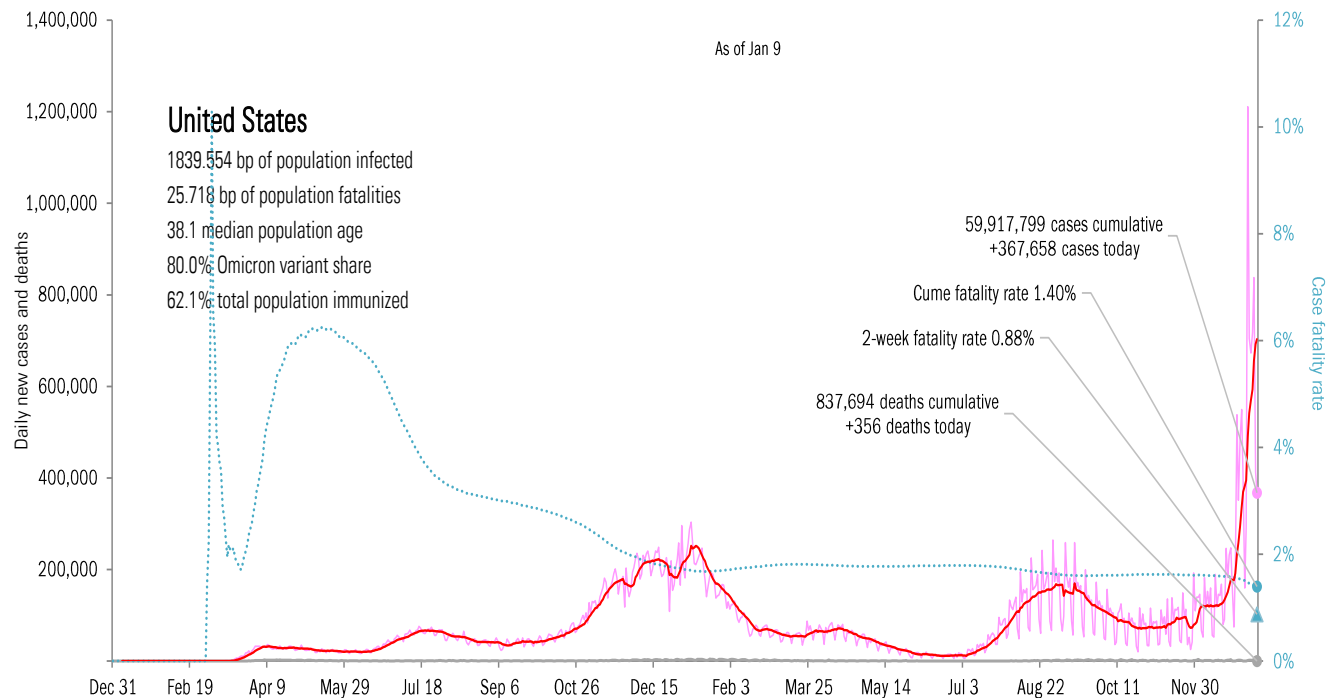
The ten worst US states

New cases			New Deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use									
NY	90,021		NY	170		CA	727		CA	6,085,177		CA	77,056		TX	416,330		MN	87%	NM	94%								
FL	60,450		TN	69		TX	612		TX	5,039,605		TX	76,502		FL	351,733		MD	87%	DE	93%								
CA	47,661		MD	53		GA	331		FL	4,476,447		FL	62,788		CA	348,784		GA	86%	MO	91%								
TX	39,982		TX	41		FL	264		NY	4,147,154		NY	60,611		NY	207,381		PA	86%	TX	89%								
NJ	28,514		FL	26		NY	246		IL	2,382,437		PA	37,665		GA	177,739		MA	85%	CK	88%								
PA	24,683		PA	23		PA	199		PA	2,265,232		GA	31,521		CH	163,922		RI	84%	AL	88%								
CH	19,089		CA	13		LA	174		CH	2,189,228		IL	30,794		PA	150,794		MO	84%	MN	87%								
MD	17,252		NJ	12		CH	168		GA	1,928,942		CH	30,072		IL	133,941		WA	84%	IN	87%								
AL	12,452		FR	12		CO	162		MI	1,855,658		MI	29,955		KY	122,742		NH	83%	NH	87%								
FR	8,539		H	3		NC	154		NJ	1,843,677		NJ	29,456		MI	122,446		CT	83%	RI	87%								
348,643			422			3,037			32,213,557			466,420			2,195,812														
All states			367,658			366			4,955			All states			59,917,799			837,694			3,962,159			All states		70%		67%	
Top ten			95%			119%			61%			Top ten			54%			56%			55%			Median		77%		82%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
AZ	-16,504	PA	-97	FL	-573	AR	+10 bp
IA	-11,704	AZ	-88	NJ	-334	AZ	+10 bp
TX	-9,708	NJ	-58	NY	-274	CA	+10 bp
PA	-8,967	TX	-55	KY	-139	CT	+10 bp
AR	-8,171	FL	-48	MA	-103	IL	+10 bp

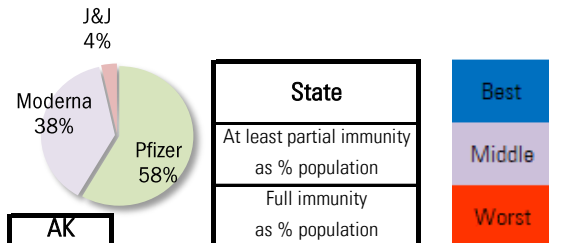


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

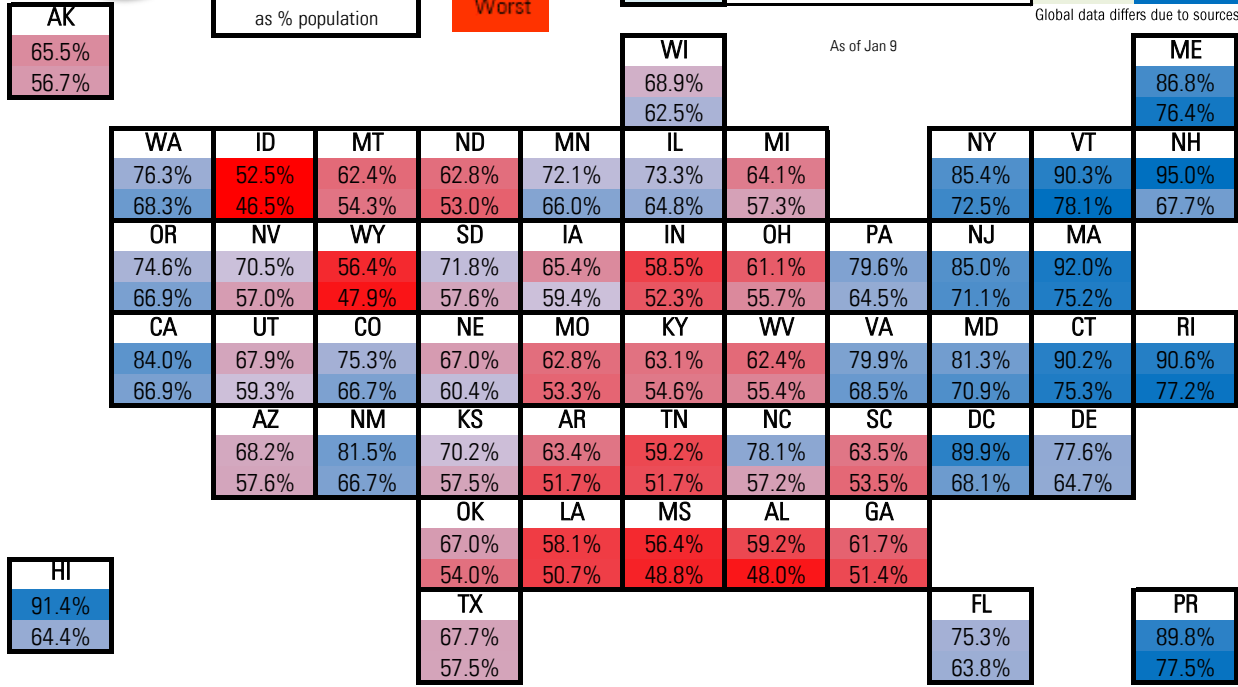
Administered	Cumulative	Today	Immunity	Full	Partial
Doses	532,718,149	+1.334 million	US	62.1%	74.3%
Boosters	76,449,903	+0.747 million	UK	69.9%	76.2%
	One dose	% Pop	Immune	% pop	New immune today
Total population	252,828,964	76%	212,813,765	64%	+0.212 million
Age 12 to 17	15,406,212	65%	12,910,932	54%	+0.018 million
Age 18 to 64	170,921,162	84%	144,411,566	71%	+0.098 million
Age 65 and over	57,997,783	100%	49,759,990	91%	+0.012 million

France	74.1%	78.7%
Spain	81.4%	85.5%
Germany	71.3%	74.0%
Italy	74.5%	80.9%
Australia	77.2%	79.6%
Israel	64.3%	71.4%
Canada	77.6%	83.8%
Japan	78.9%	80.3%
Africa	9.7%	14.8%
India	45.3%	63.6%
Brazil	67.5%	77.9%
China	84.2%	87.4%

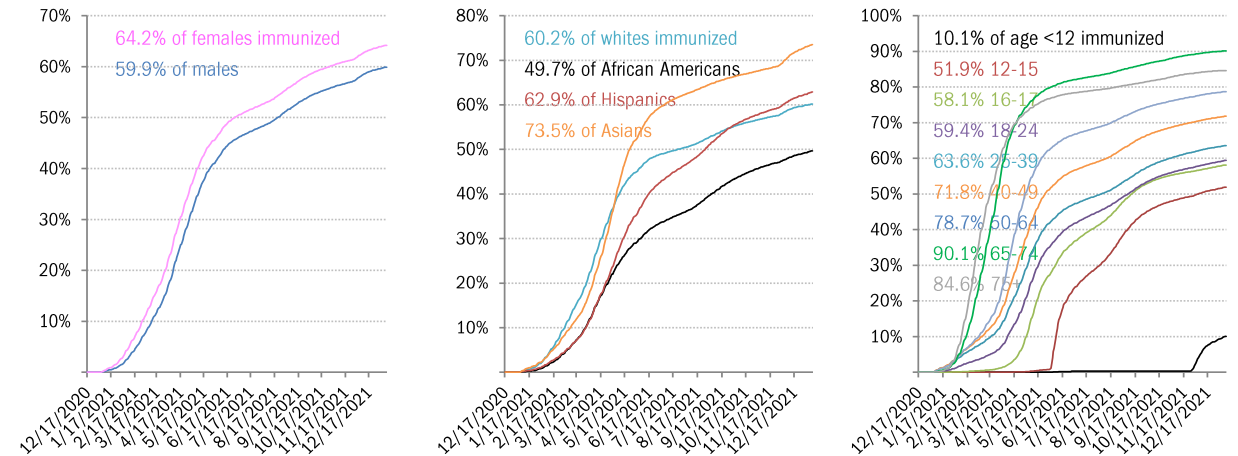


Every American >18 immunized in **410 days** by Feb 22, 2023
 75.2% of population >18 immunized
 21.1% previously tested positive
96.3% vs 60% adult herd immunity

Global data differs due to sources, timing



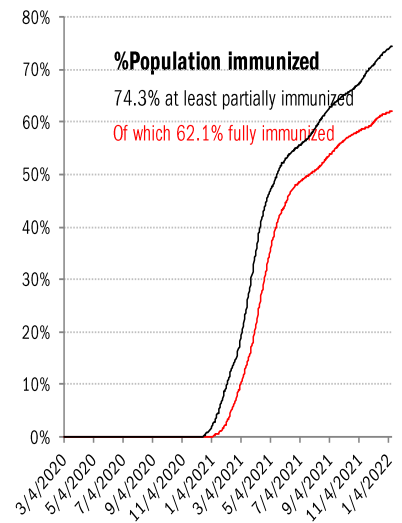
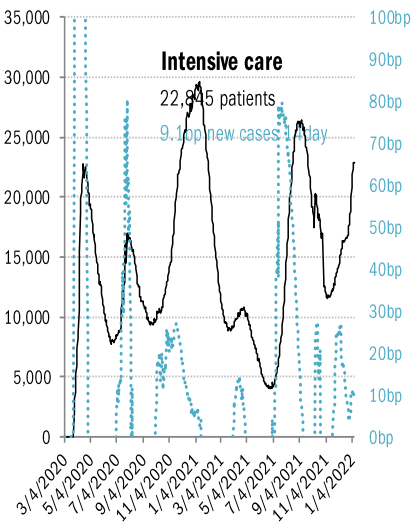
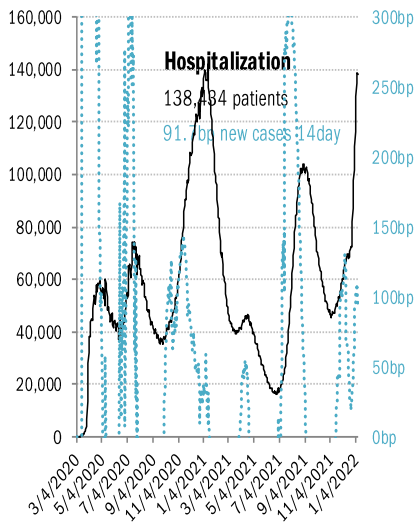
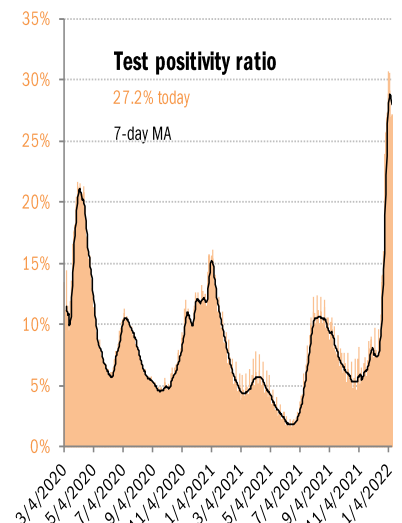
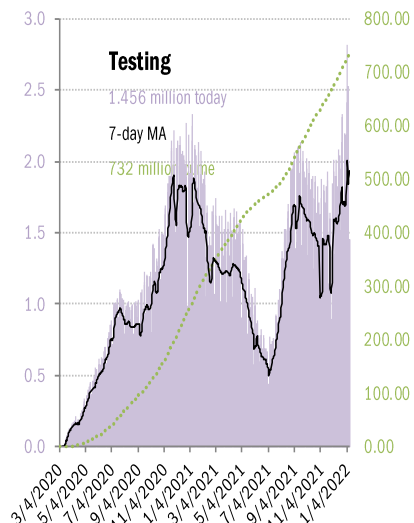
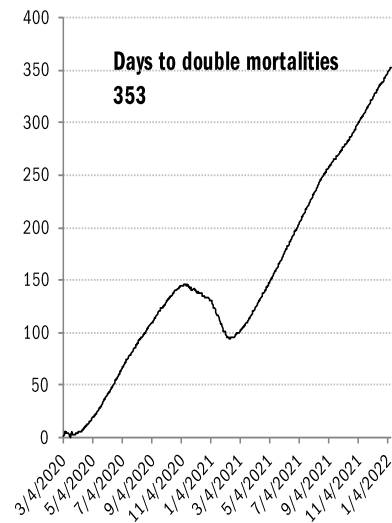
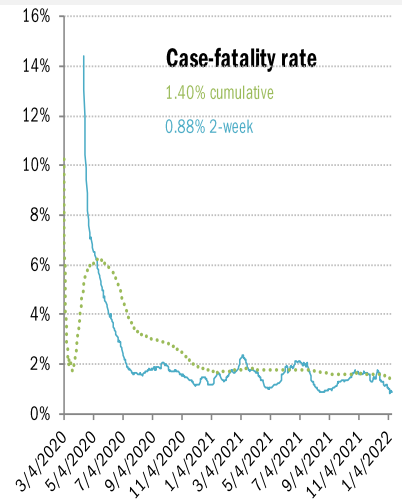
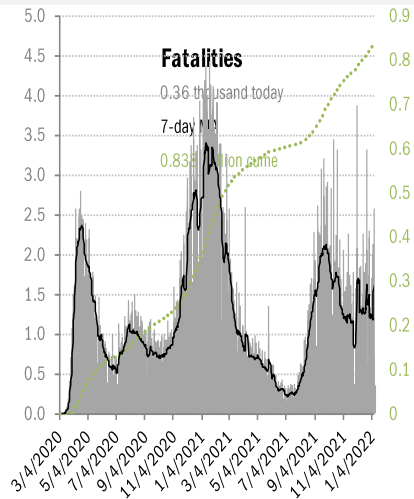
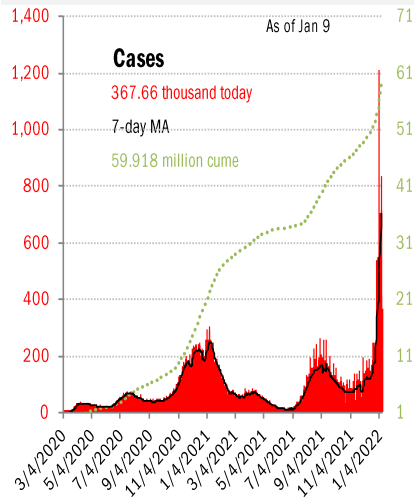
The demographics of US vaccination



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

[Transcript: 'Fox News Sunday' on January 9, 2022](#)

Fox News

January 9, 2022

['3,500 kids are in hospital, not 100,000': CDC Director Wallensky corrects liberal Justice Sotomayor's wildly false claim that 'over 100,000 children are seriously ill with COVID, many on ventilators'](#)

Andrea Blanco

Daily Mail

January 9, 2022

[Fox's Baier Grills CDC's Walensky About Whether the Public Has Lost 'Trust and Confidence' in the CDC](#)

Joe DePaolo

Mediaite

January 9, 2022

[Omicron Makes Biden's Vaccine Mandates Obsolete](#)

Luc Montagnier and Jed Rubenfeld

Wall Street Journal

January 8, 2022

[Did Pandemic Unemployment Benefits Reduce Employment? Evidence from Early State-Level Expirations in June 2021](#)

Harry J. Holzer et al.

NBER

December 2021

[Japan's Vaccination Policy: No Force, No Discrimination](#)

Aaran Kheriaty

Ethics and Public Policy Center

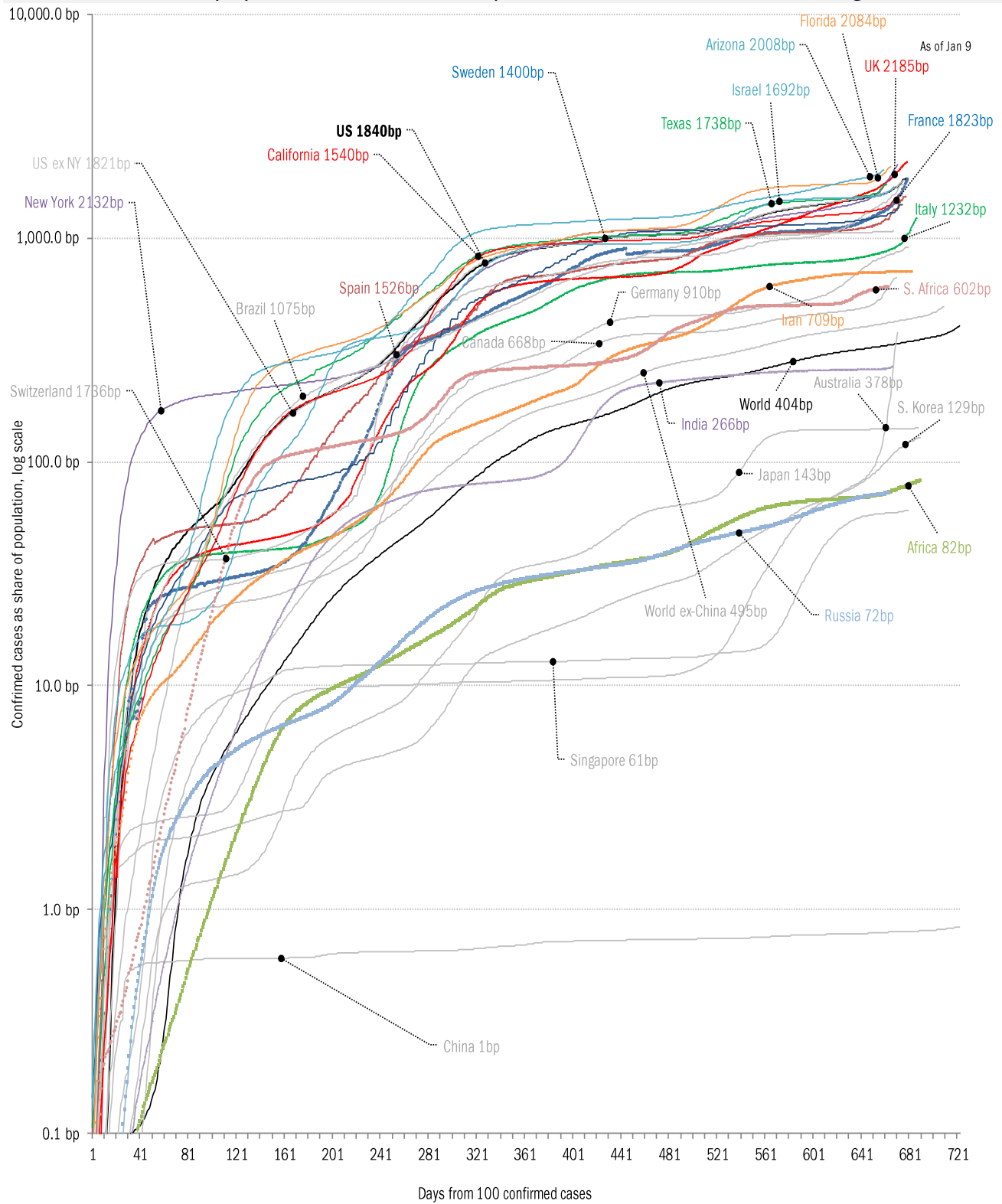
December 14, 2021

Meme of the day



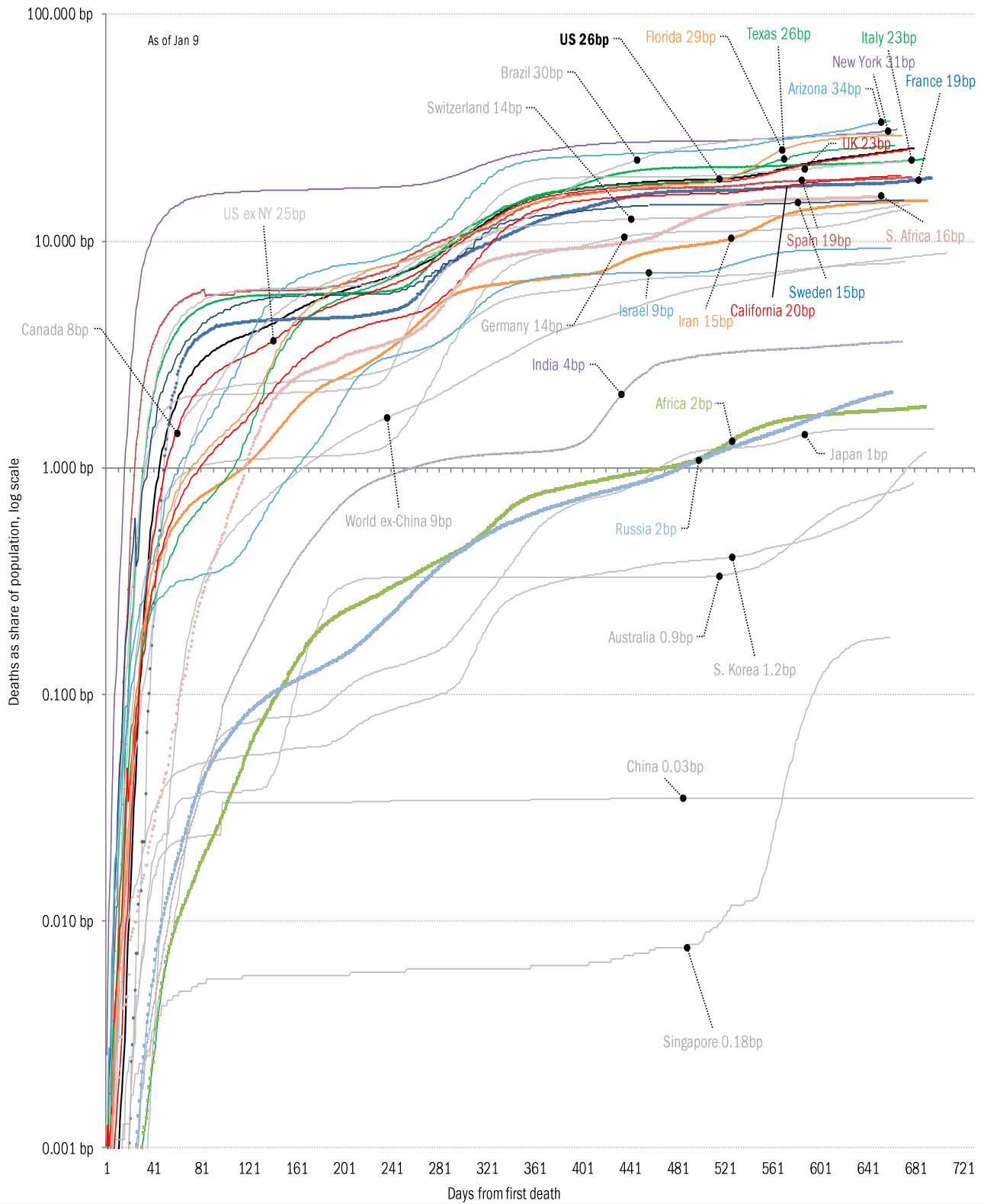
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

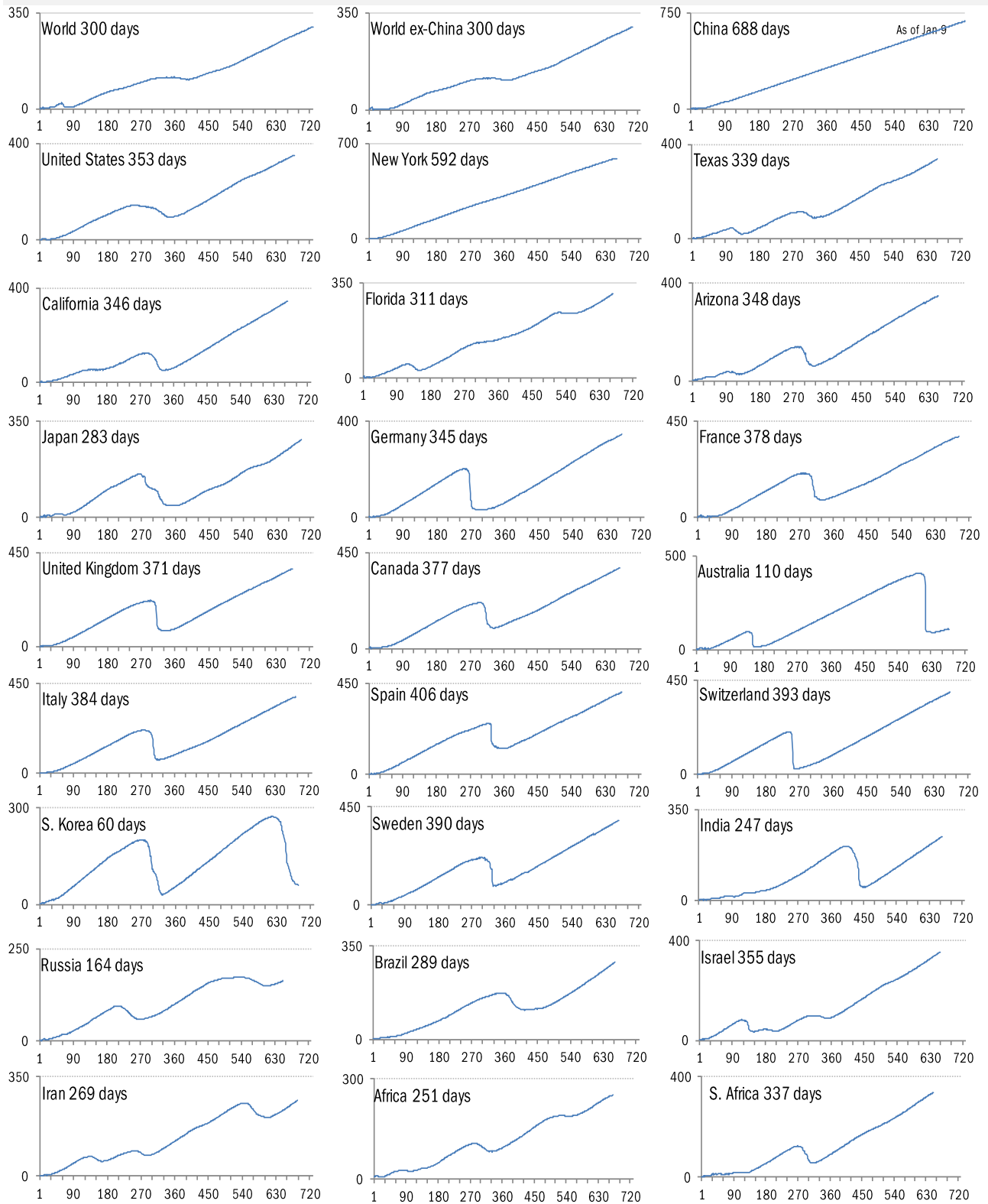


Source: [Johns Hopkins](#), TrendMacro calculations

"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

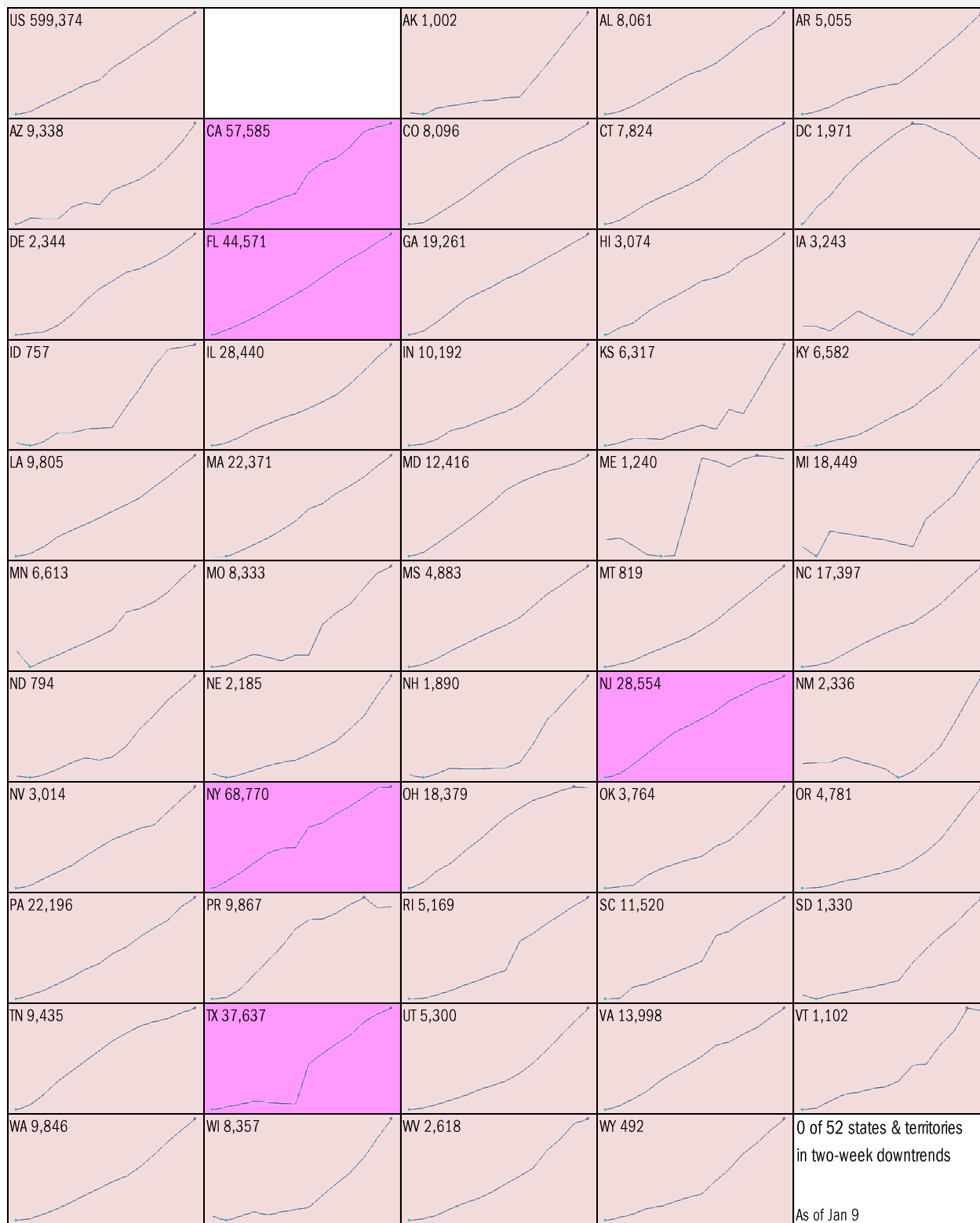


Source: [Johns Hopkins](#), TrendMacro calculations

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

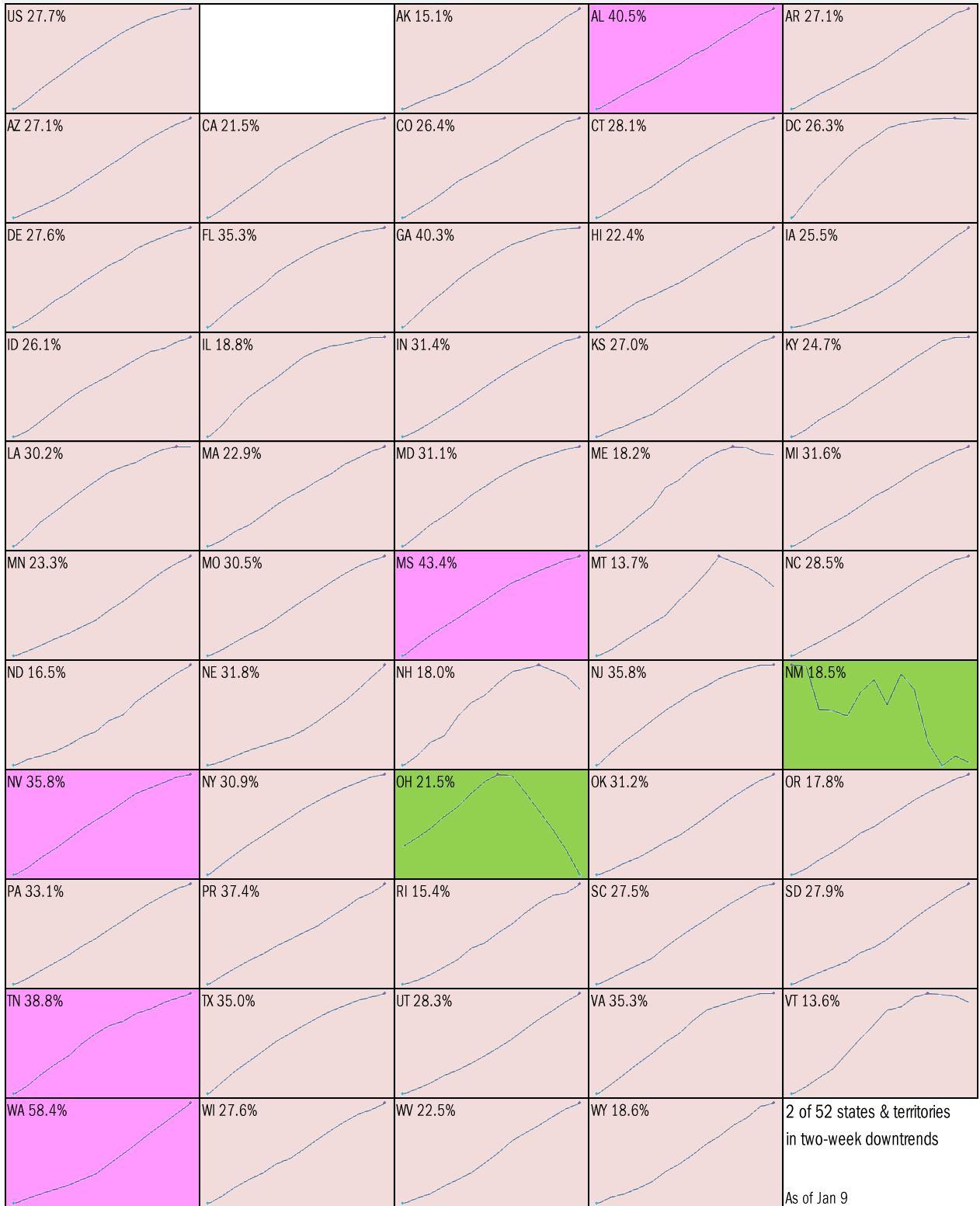


Source: [Johns Hopkins](#), TrendMacro calculations

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

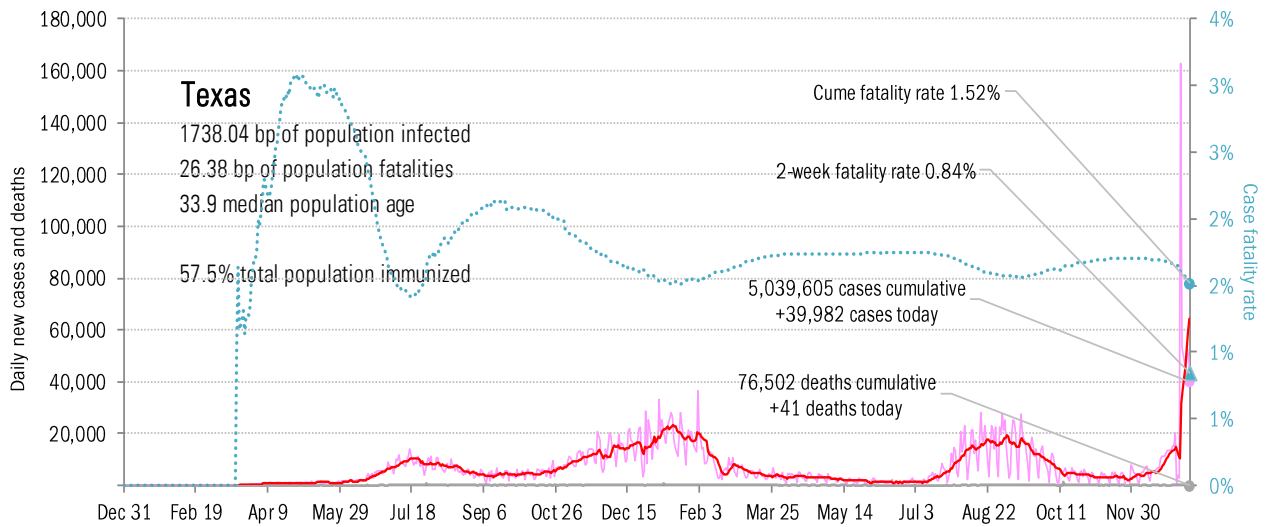
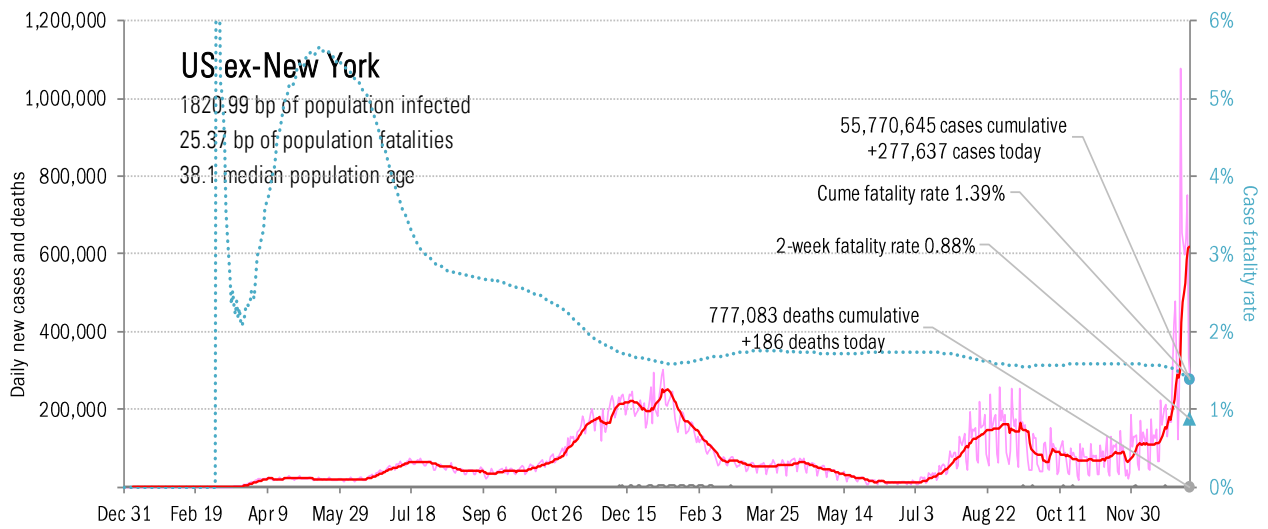
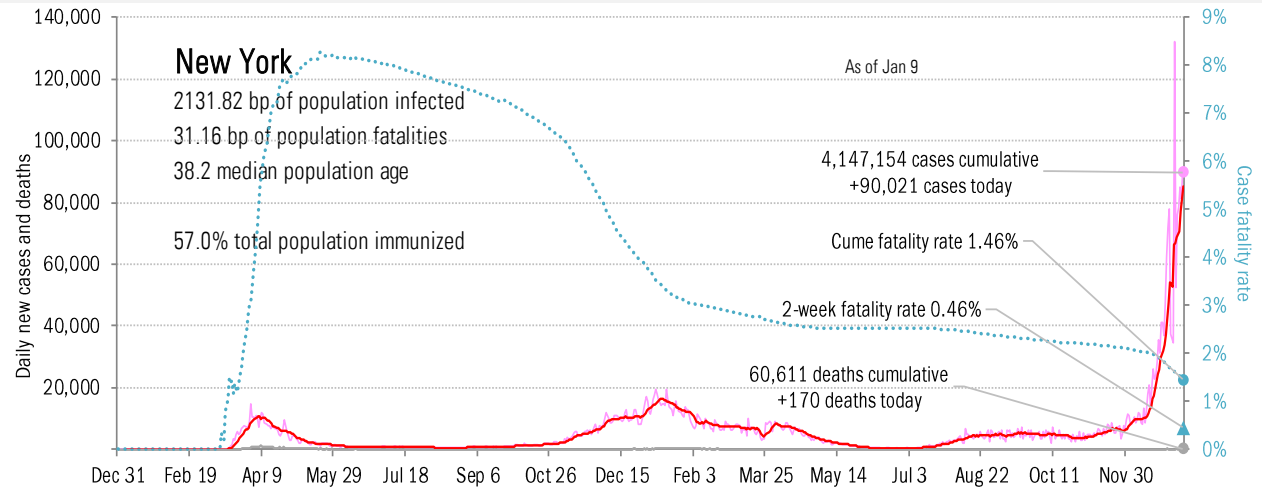
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

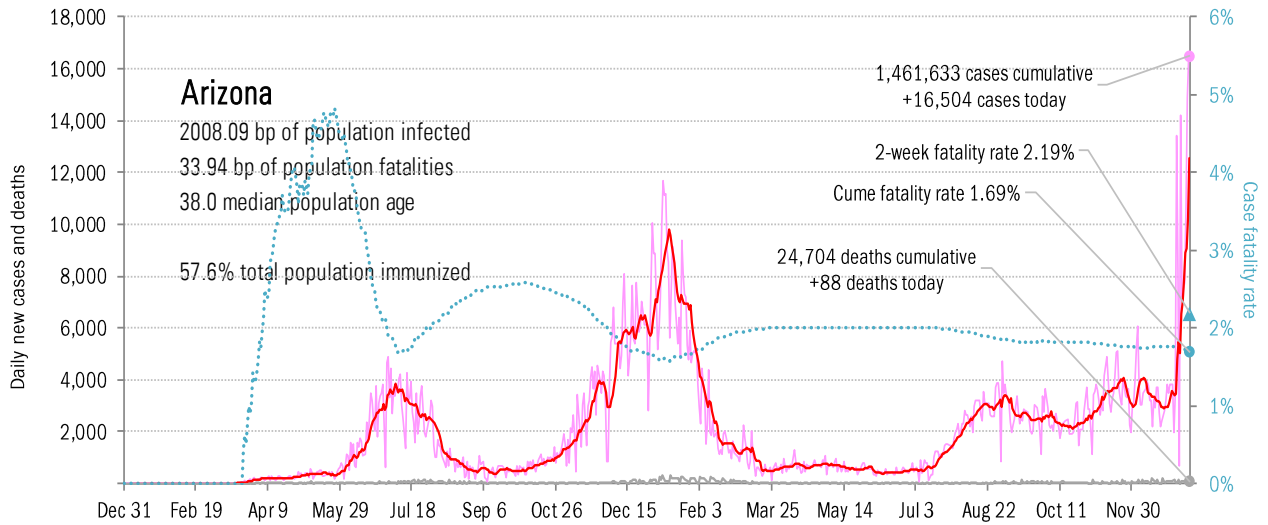
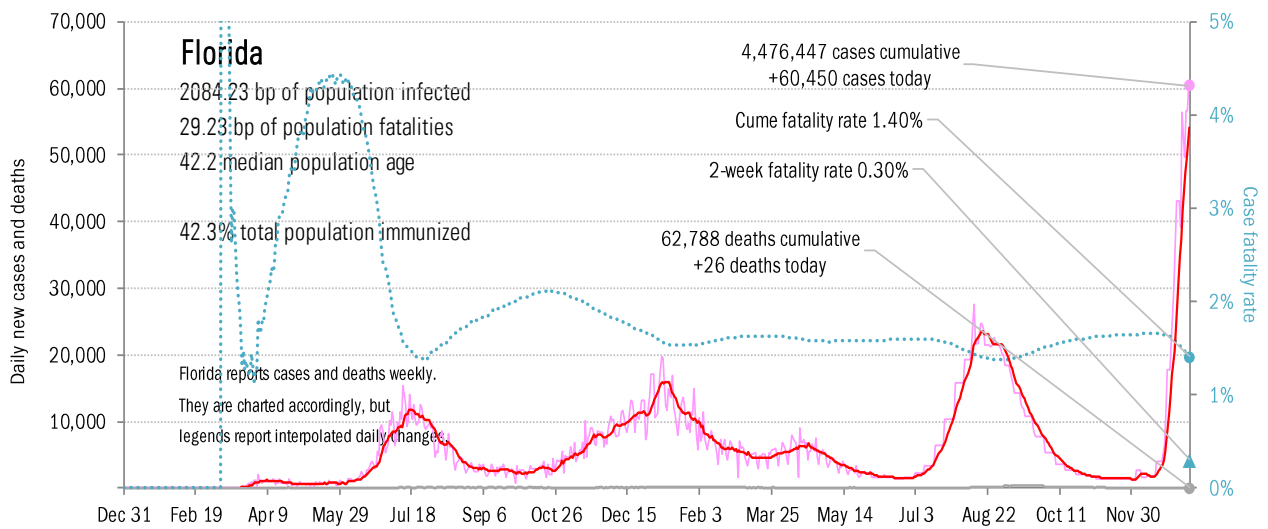
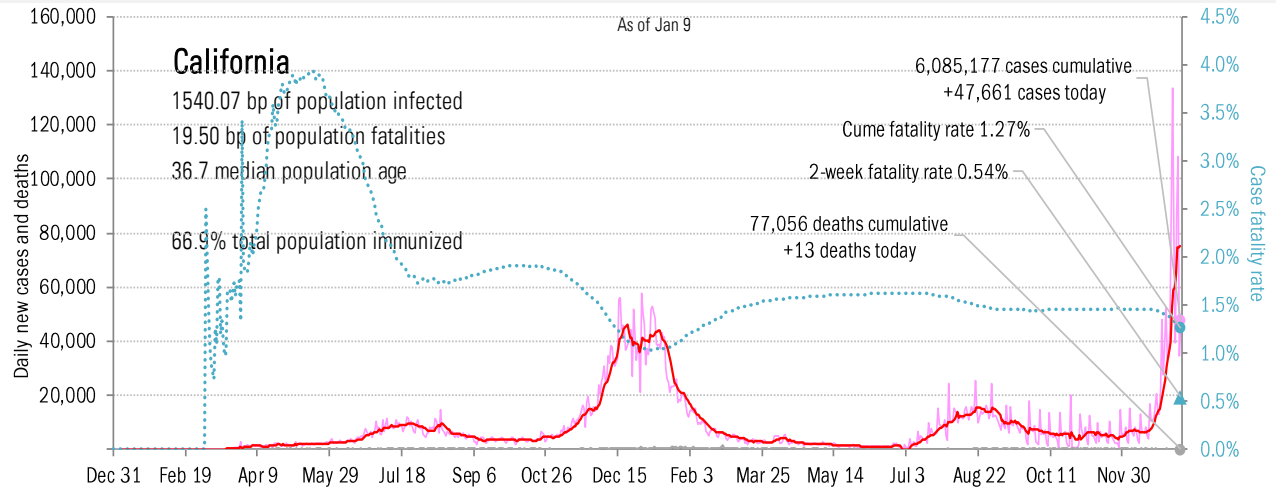
Cases: 7-day average and daily Deaths: Daily



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

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

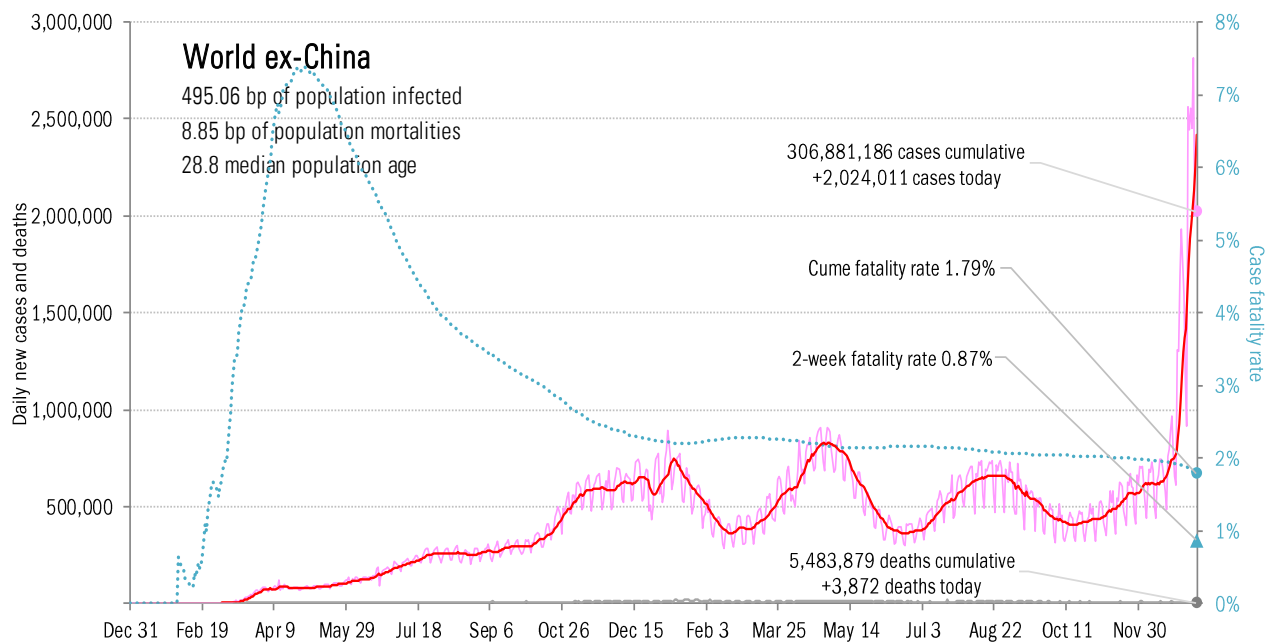
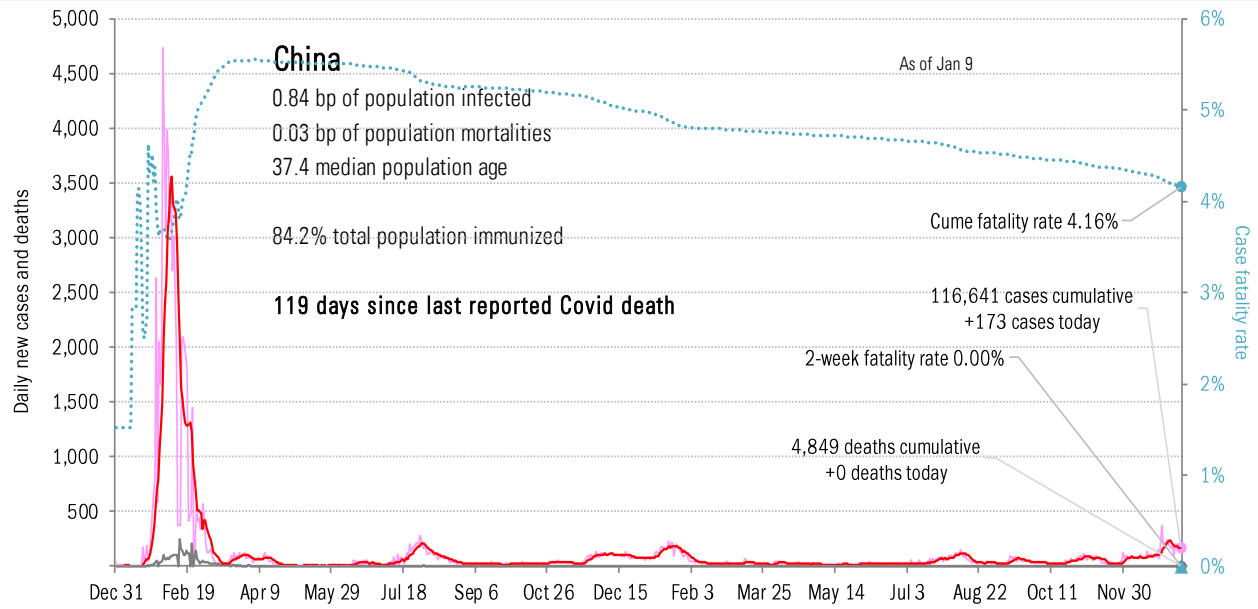
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

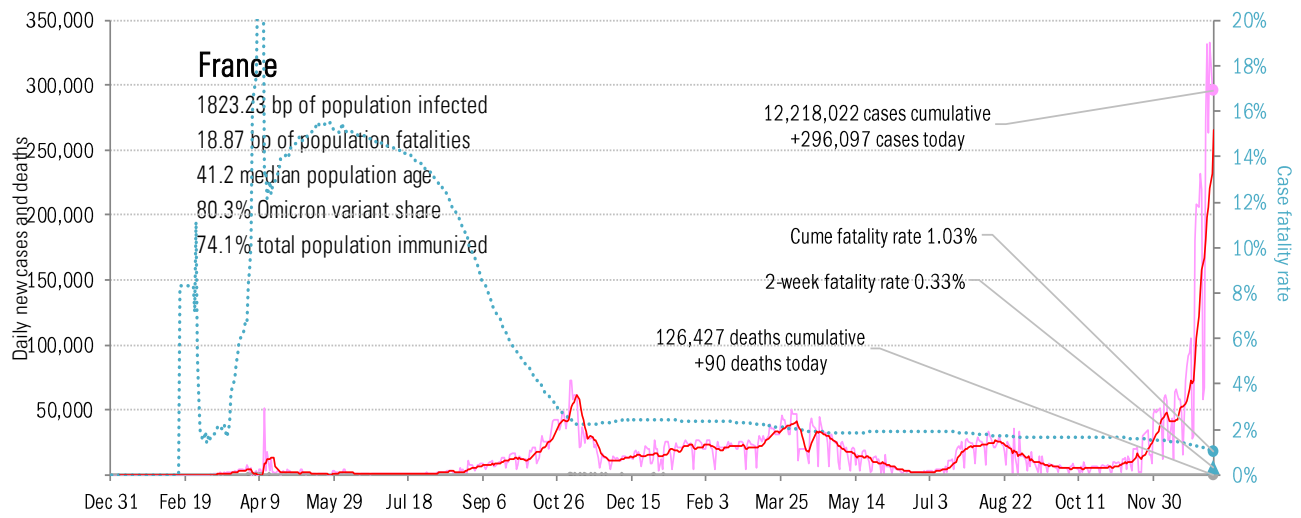
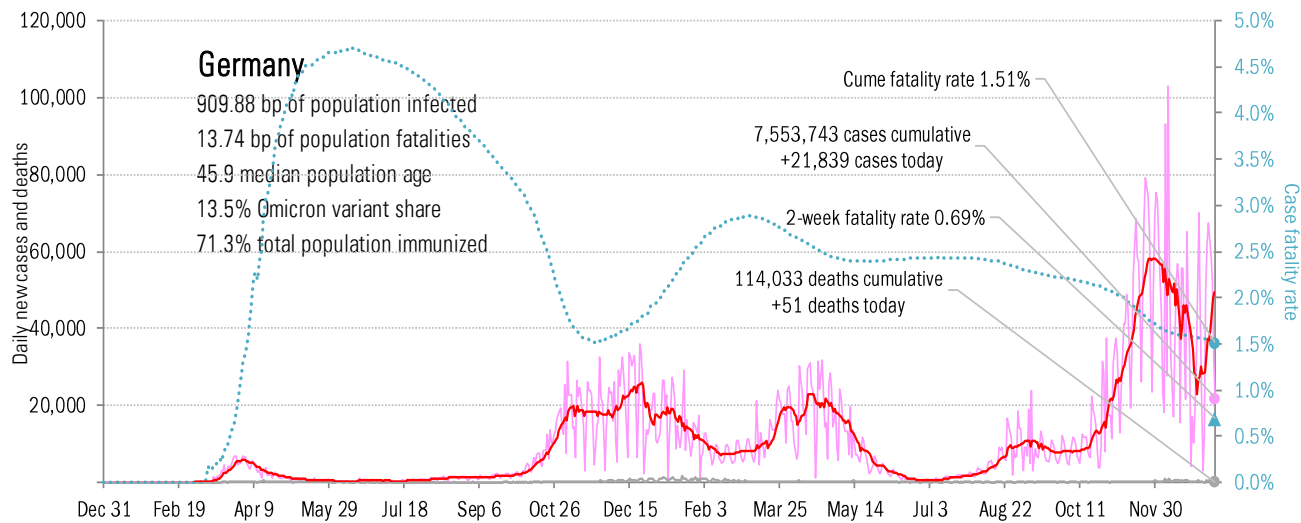
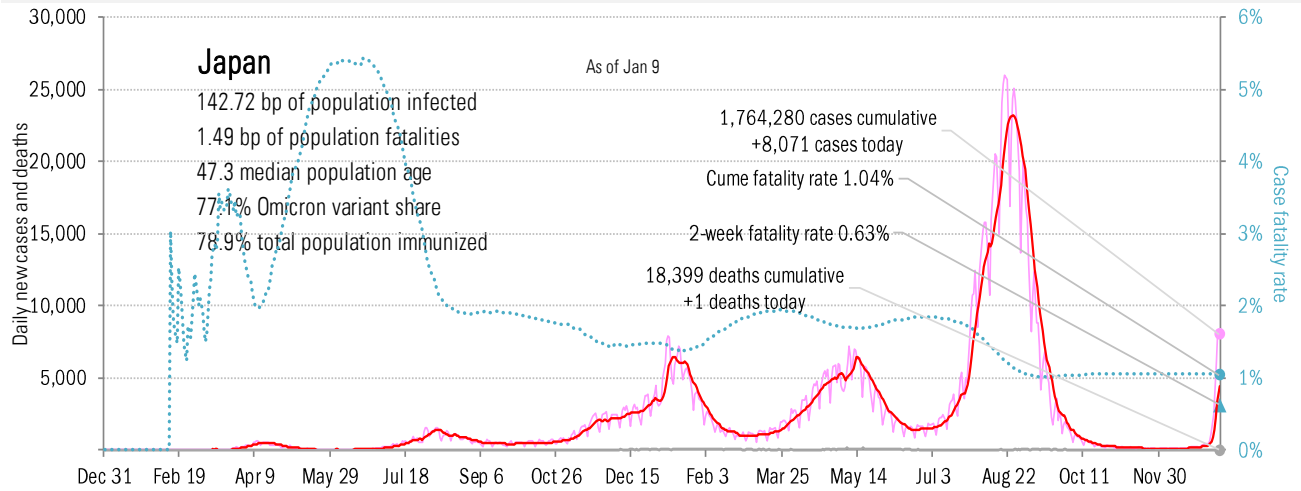
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

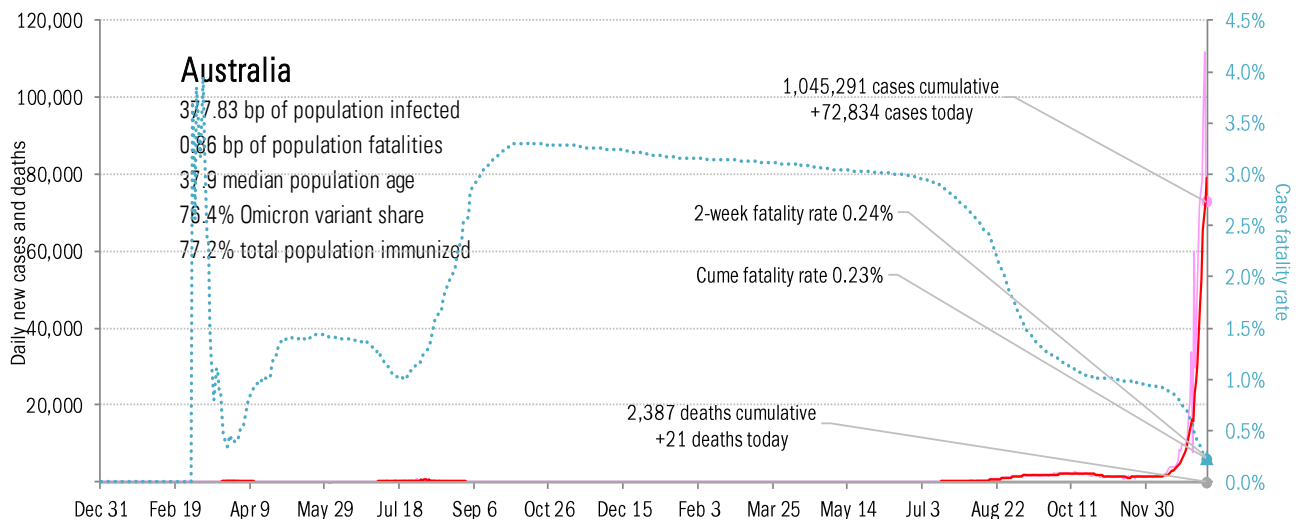
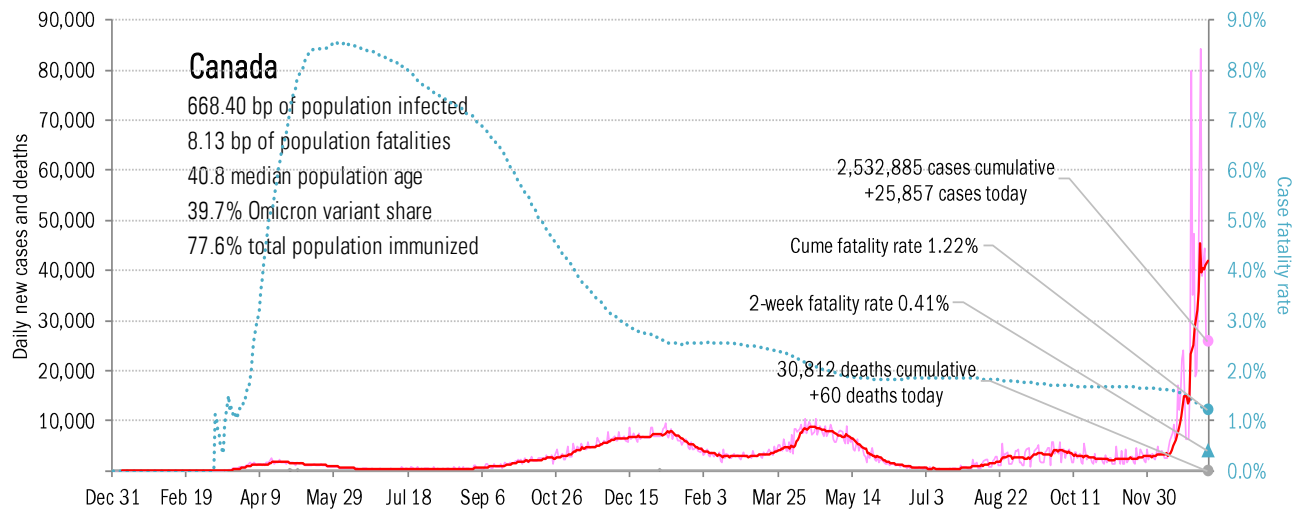
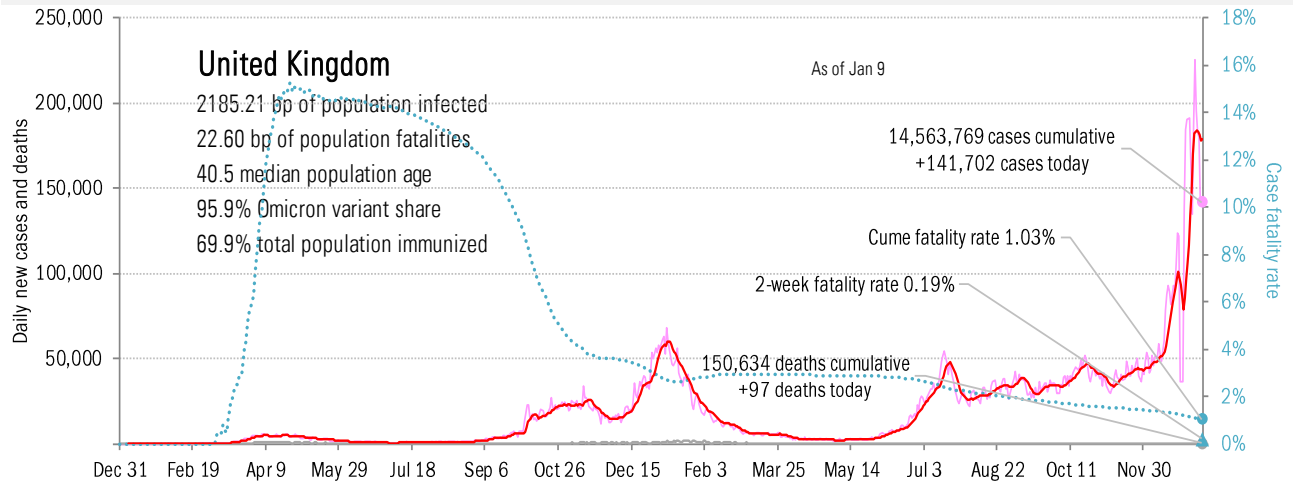
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

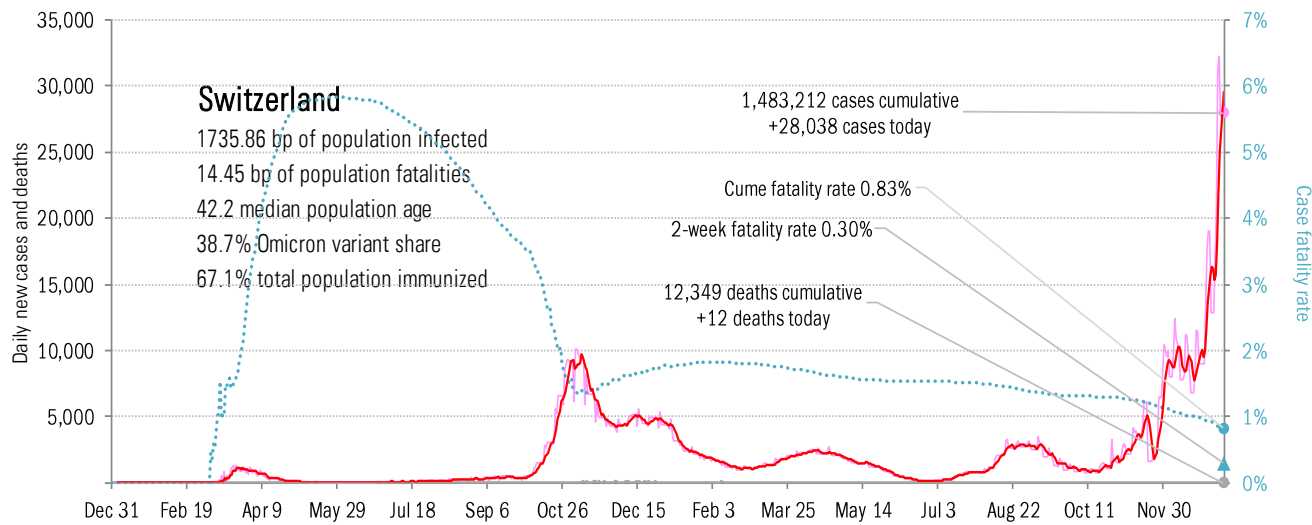
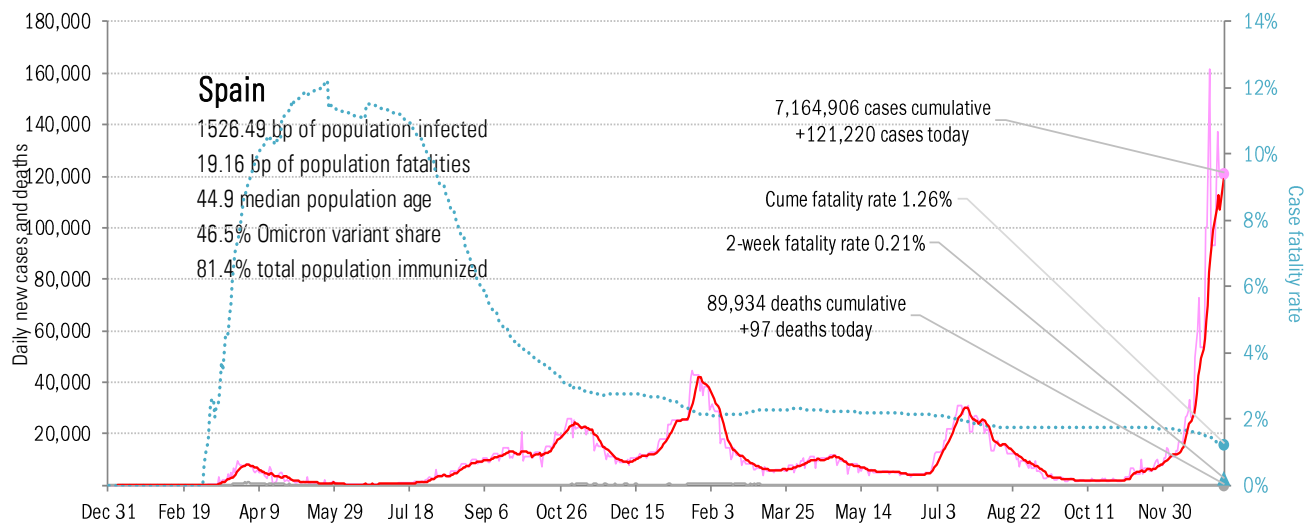
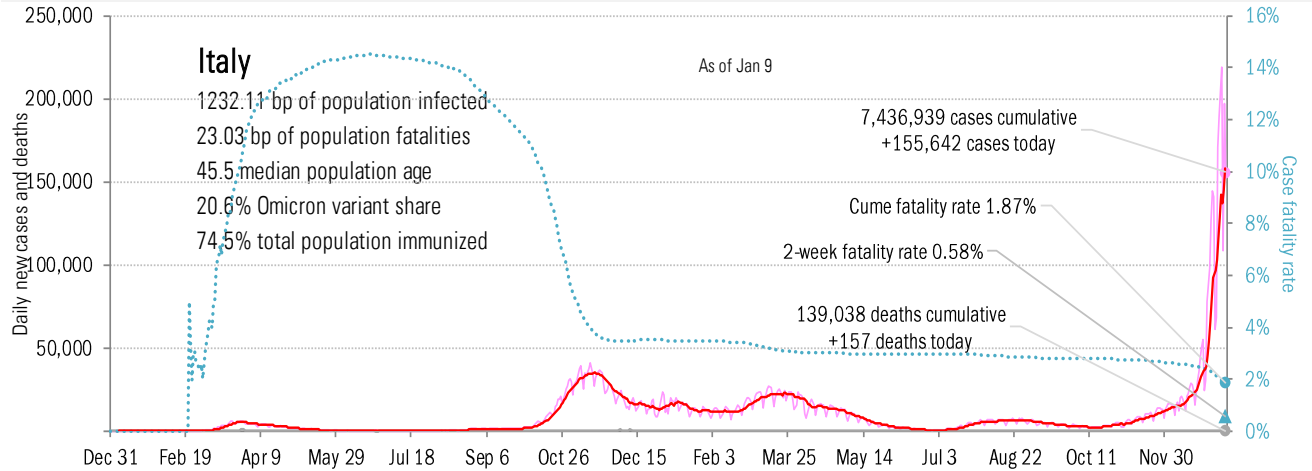
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

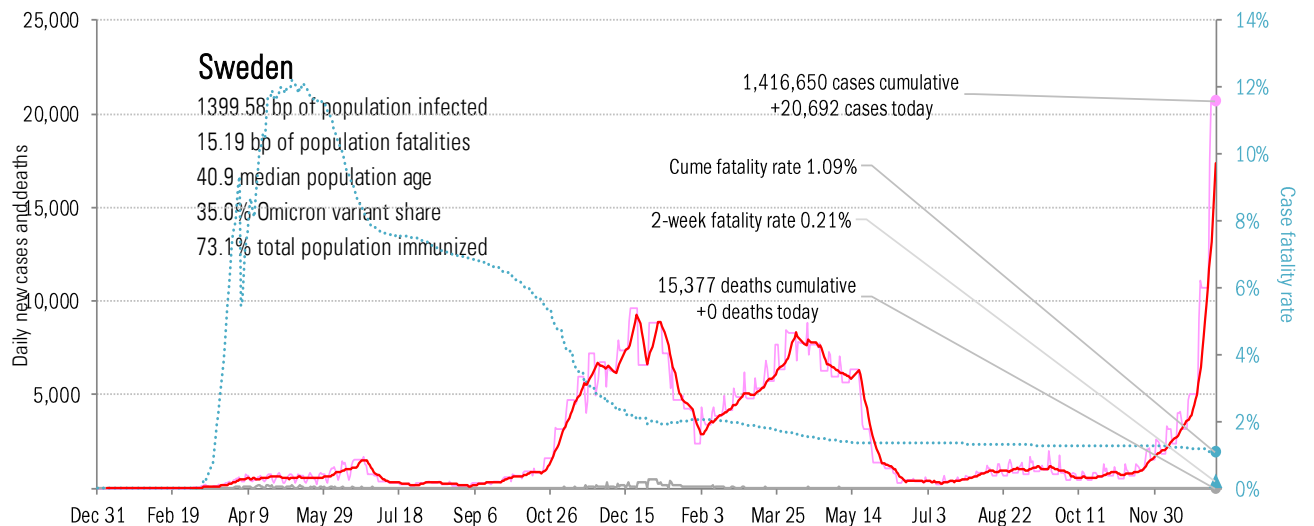
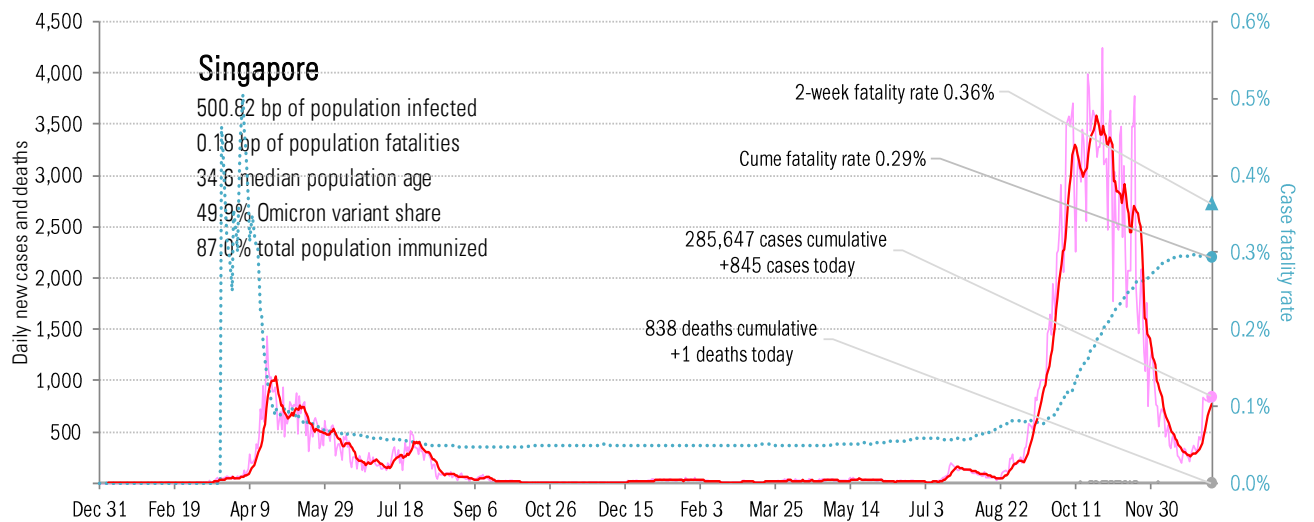
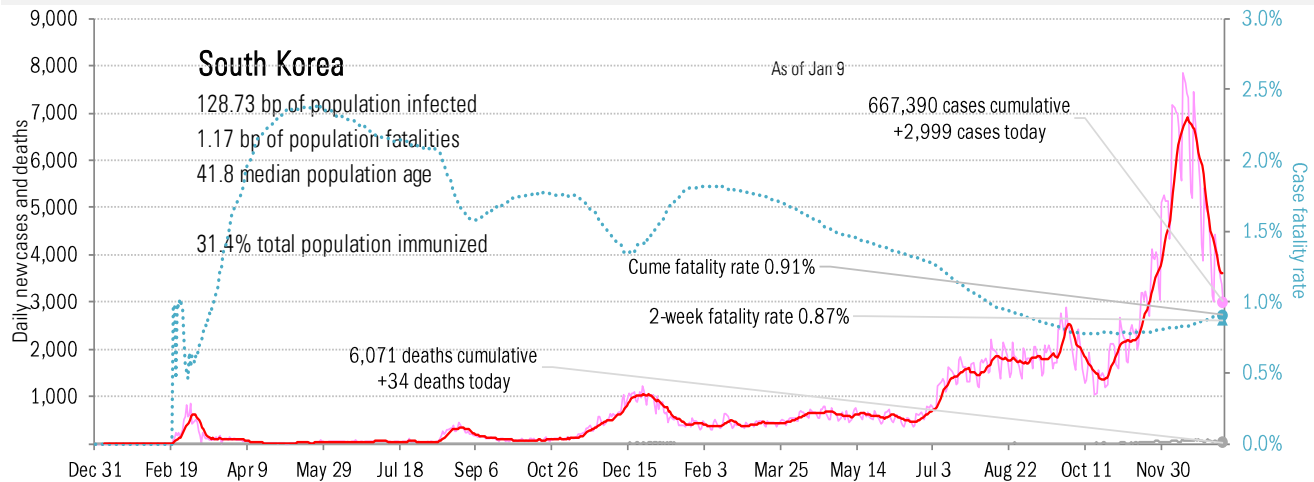
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

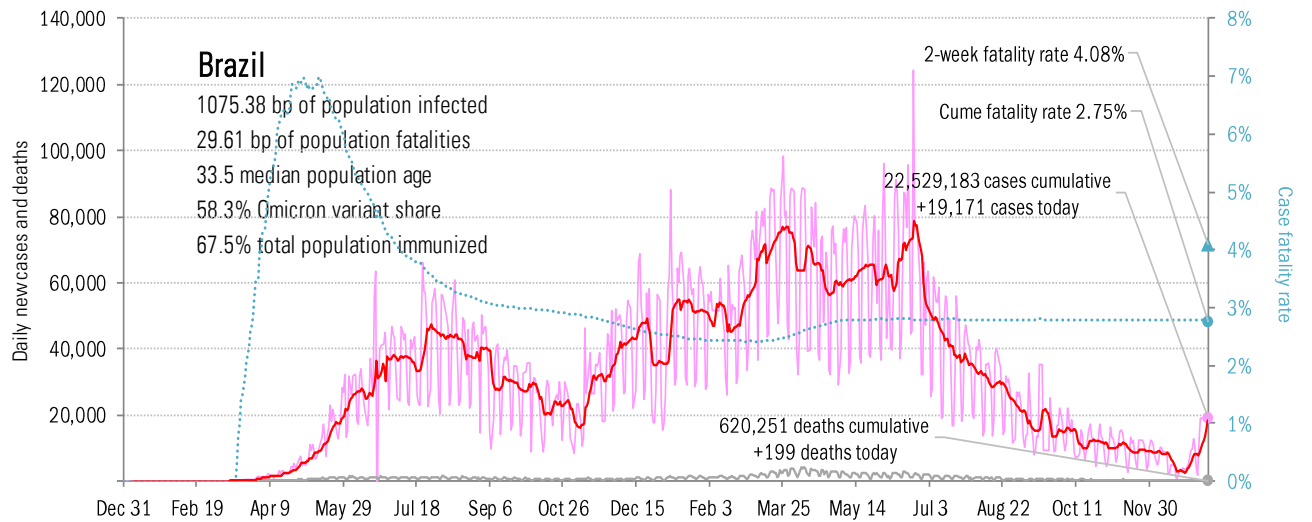
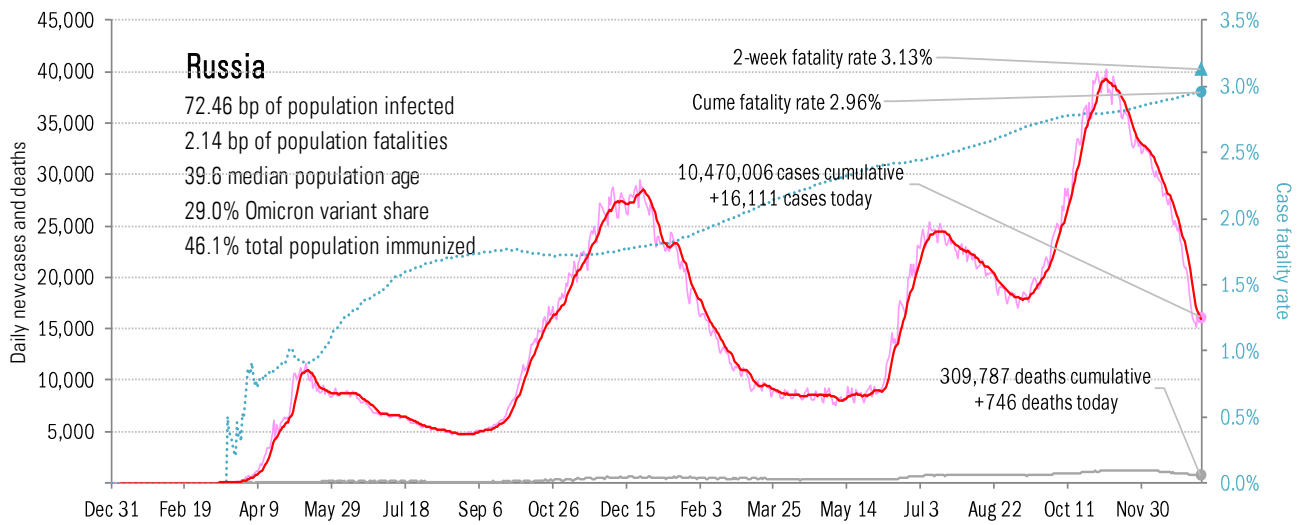
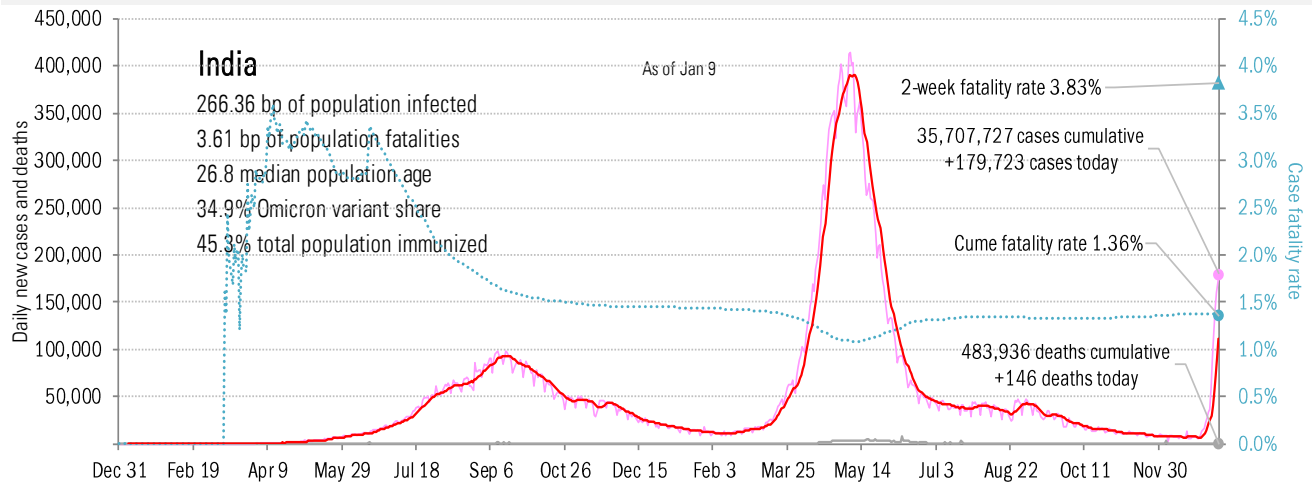
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

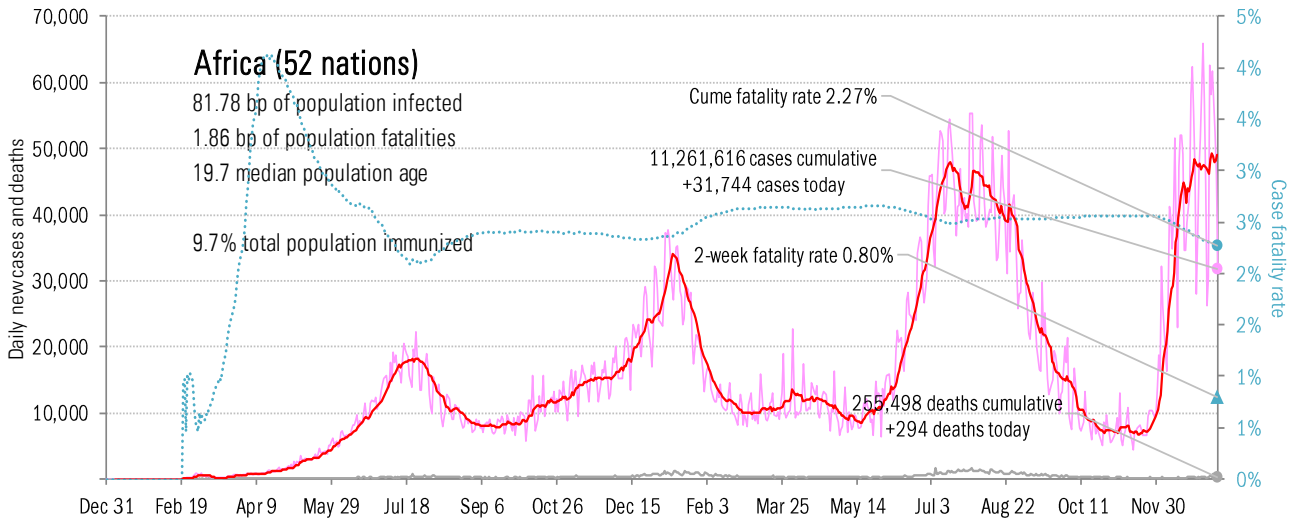
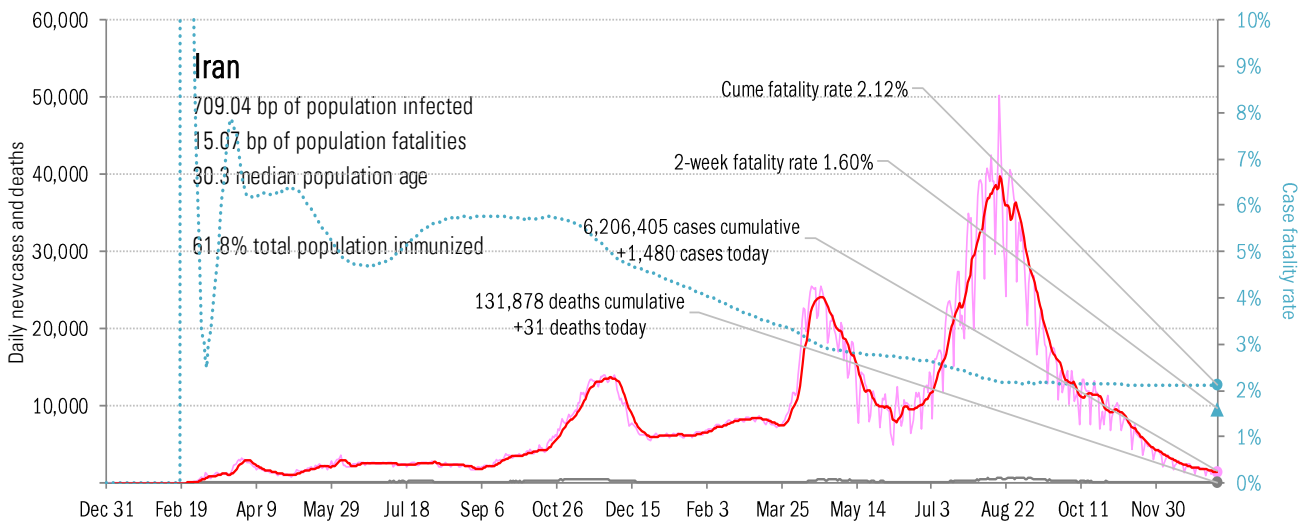
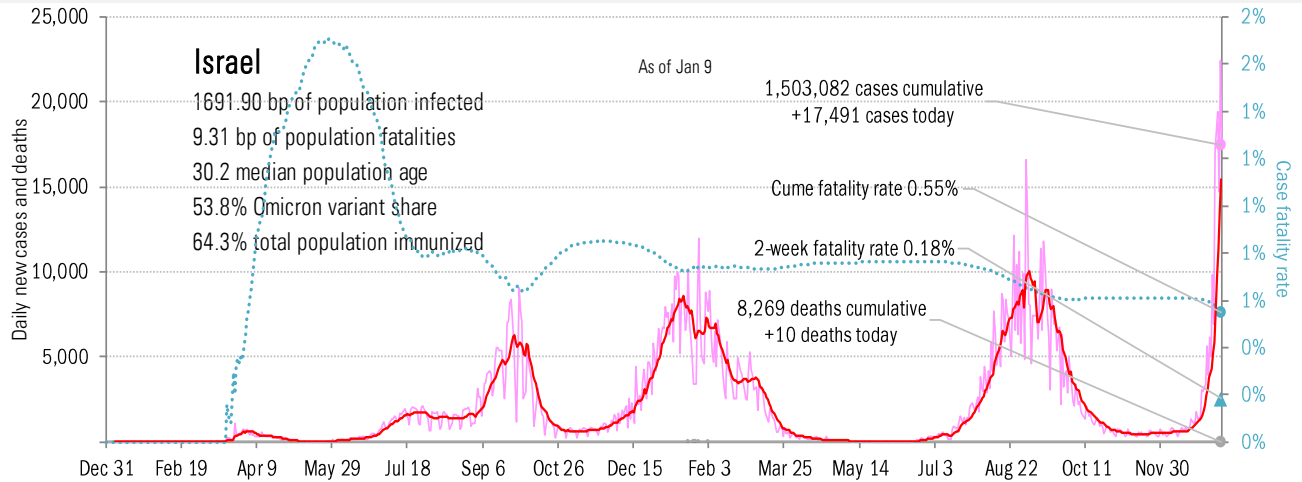
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

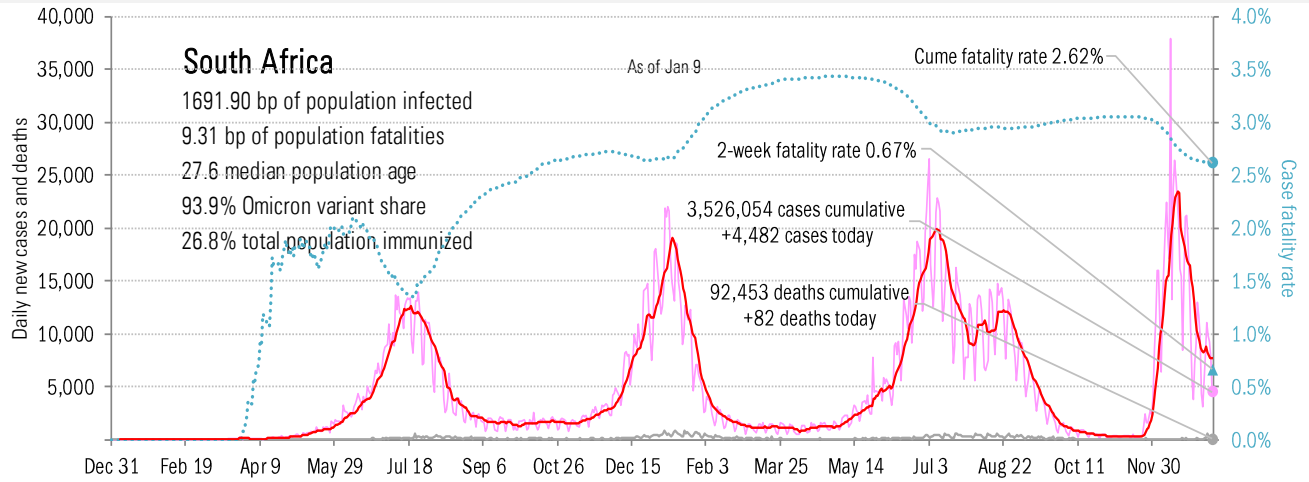
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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