

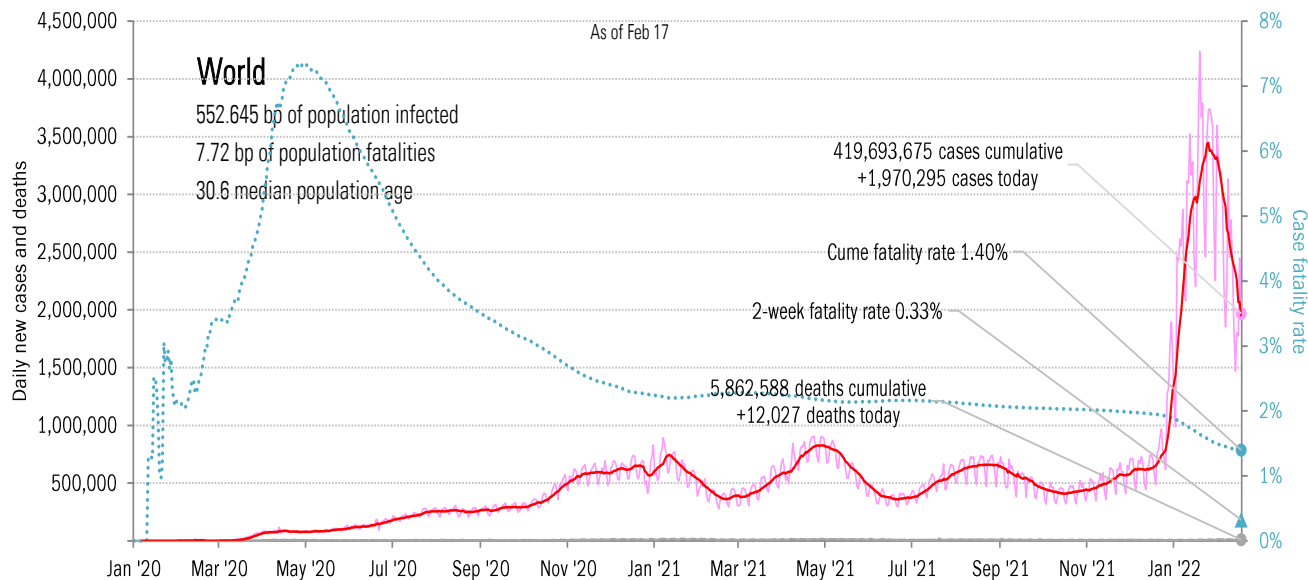
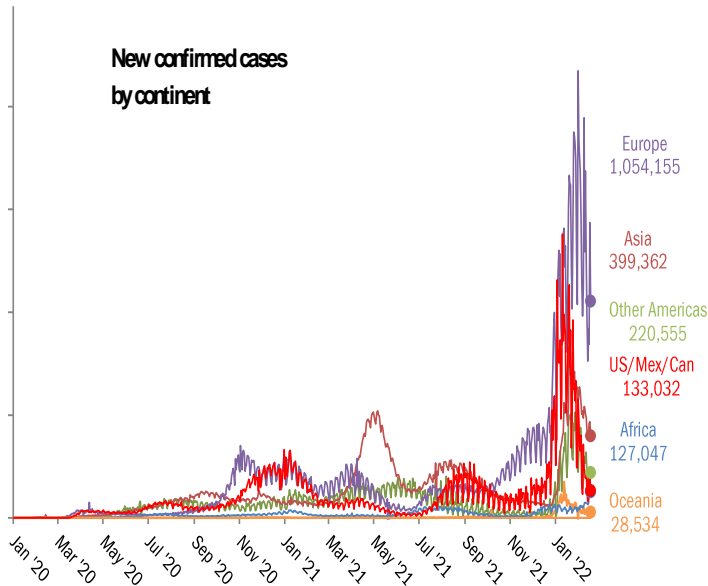
Data Insights: Covid-2019 Monitor

Friday, February 18, 2022

The global scorecard

Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Germany	215,159	United States	2,744
Russia	178,725	Brazil	1,060
Brazil	120,123	Russia	778
Korea, South	109,828	India	492
United States	104,213	Mexico	470
Japan	95,115	South Africa	435
France	93,618	Spain	360
Turkey	92,406	Peru	342
Italy	58,055	Italy	320
Netherlands	56,503	Poland	318
1,123,745		7,319	
World	1,970,295	World	12,027
Top ten	57%	Top ten	61%



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

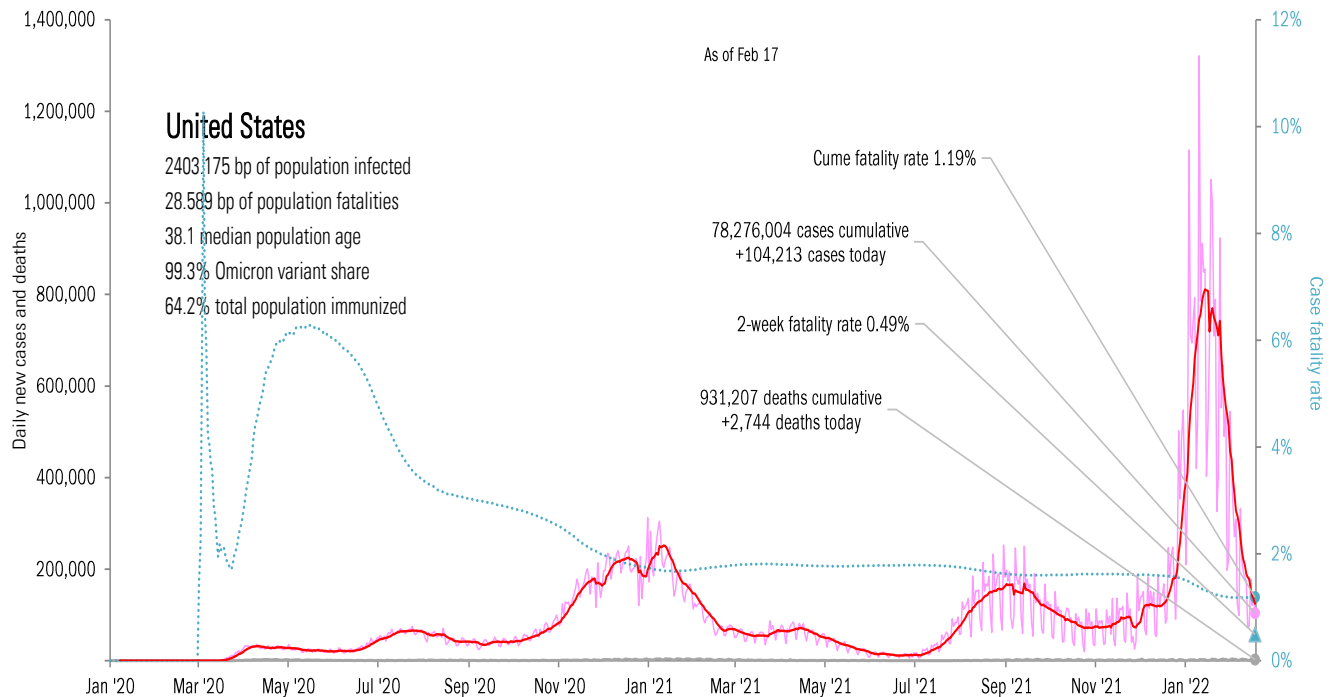
The ten worst US states

New cases			New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital		Hospital use		ICU use	
TX	9,738		TX	297	GA	13	CA	8,873,200	CA	83,588	TX	475,293	MA	87%	TX	92%
CA	9,477		CA	222	AK	5	TX	6,555,490	TX	83,193	CA	409,069	WV	86%	AL	92%
FL	7,610		AZ	209	HI	2	FL	5,782,894	FL	68,038	FL	404,217	GA	86%	VT	91%
NC	5,583		FL	179	AS	0	NY	4,898,887	NY	66,841	NY	238,745	MN	85%	NM	90%
KY	4,835		GA	144	GJ	0	IL	3,010,525	PA	42,617	GA	199,193	PA	84%	MS	90%
TN	3,859		SC	113	MP	0	PA	2,735,573	CH	35,372	CH	186,166	WA	84%	KY	88%
ME	3,784		NC	93	VT	0	CH	2,640,201	IL	34,682	PA	171,183	MO	84%	CK	87%
NY	3,732		PA	84	ND	-1	NC	2,554,922	GA	34,608	IL	152,749	NH	83%	NV	87%
PA	3,718		IL	73	VI	-2	GA	2,448,939	MI	33,870	KY	136,896	DC	83%	GA	86%
VA	3,090		NY	73	CR	-4	MI	2,337,406	NJ	32,609	MI	136,888	RI	82%	RI	84%
55,426			1,487		13		41,838,037		515,418		2,510,399					
All states	104,213		2,744		-2,702		All states	78,276,004	931,207		4,550,851		All states	70%	67%	
Top ten	53%		54%		0%		Top ten	53%	55%		55%		Median	79%	78%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
MD	-22,651	MI	-352	KY	-98	AK	+70 bp
MI	-6,304	WA	-149	CK	-79	WA	+40 bp
CA	-4,501	IA	-119	TX	-62	NV	+20 bp
KS	-2,524	IN	-77	WI	-38	AL	+10 bp
CT	-1,284	CA	-67	MI	-37	AZ	+10 bp



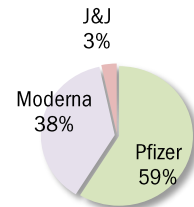
Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	563,818,191		+1.708 million	US	64.2%	76.0%
Boosters	93,596,790		+0.207 million	UK	71.5%	77.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	260,142,070	78%	220,673,811	66%	+0.366 million	France 77.1% 80.0%
Age 12 to 17	17,207,706	68%	14,617,672	58%	+0.025 million	Spain 82.1% 87.7%
Age 18 to 64	175,438,783	86%	148,669,182	73%	+0.261 million	Germany 74.2% 75.4%
Age 65 and over	58,133,277	100%	50,277,835	92%	+0.038 million	Italy 77.8% 83.7%

Israel	65.8%	72.1%
Canada	80.4%	85.3%
Japan	79.3%	80.6%
Africa	11.5%	16.8%
India	54.2%	68.8%
Brazil	71.3%	81.5%
China	85.1%	89.7%

Global data differs due to sources, timing



AK	68.3%
	60.7%

State
At least partial immunity as % population
Full immunity as % population

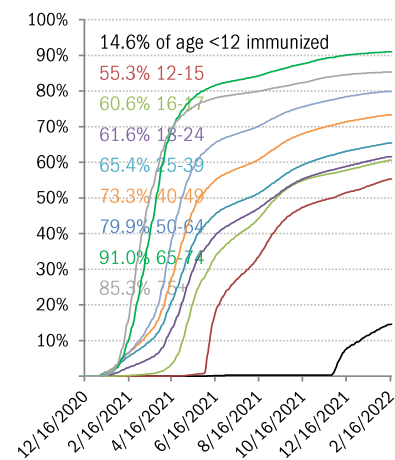
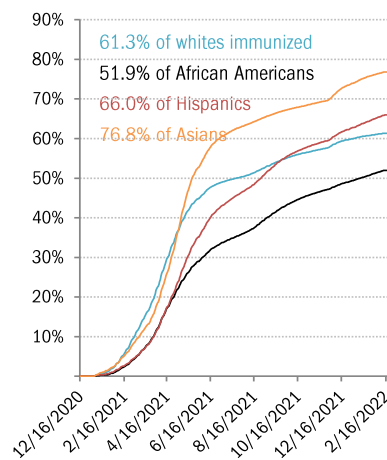
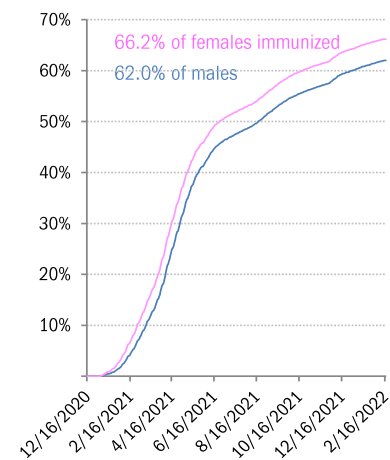
Best
Middle
Worst

Immunity = two doses

As of Feb 17

					WI 70.9% 64.3%					ME 89.1% 78.1%
WA 79.4% 71.1%	ID 60.1% 52.8%	MT 64.3% 55.7%	ND 64.3% 54.3%	MN 74.1% 67.8%	IL 75.9% 67.1%	MI 65.8% 58.9%		NY 88.5% 75.1%	VT 92.7% 79.9%	NH 95.0% 69.5%
OR 76.7% 68.4%	NV 73.7% 59.4%	WY 57.8% 50.4%	SD 74.6% 59.6%	IA 67.1% 60.9%	IN 60.5% 53.8%	OH 62.7% 57.4%	PA 82.9% 66.6%	NJ 88.6% 73.9%	MA 95.0% 77.3%	
CA 81.4% 70.0%	UT 71.0% 63.1%	CO 78.1% 68.9%	NE 69.2% 62.2%	MO 65.1% 54.9%	KY 65.1% 56.2%	WV 64.0% 56.6%	VA 84.2% 71.7%	MD 84.5% 73.6%	CT 93.5% 77.5%	RI 95.0% 80.2%
	AZ 71.1% 59.7%	NM 85.5% 69.2%	KS 73.2% 59.8%	AR 65.5% 53.2%	TN 61.1% 53.2%	NC 81.9% 59.1%	SC 66.2% 55.5%	DC 94.6% 71.0%	DE 81.4% 67.2%	
			OK 69.8% 55.8%	LA 60.0% 52.3%	MS 58.6% 50.6%	AL 61.7% 50.0%	GA 64.1% 53.4%			
			TX 70.5% 59.7%					FL 77.8% 65.7%		PR 94.8% 80.8%
HI 85.9% 76.9%										

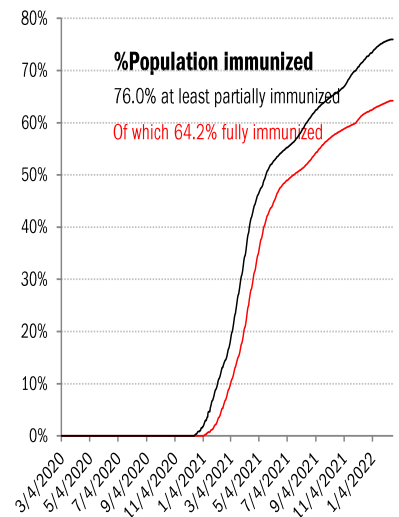
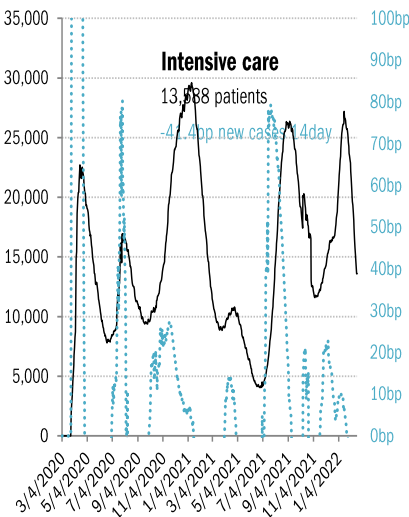
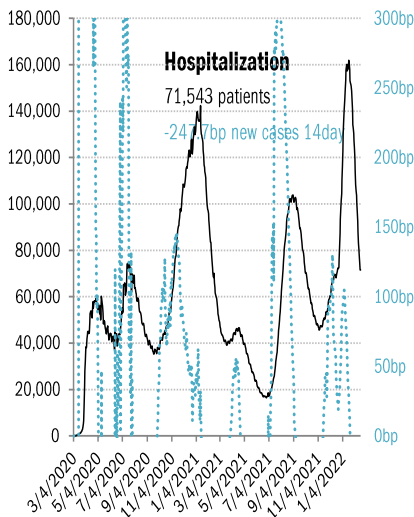
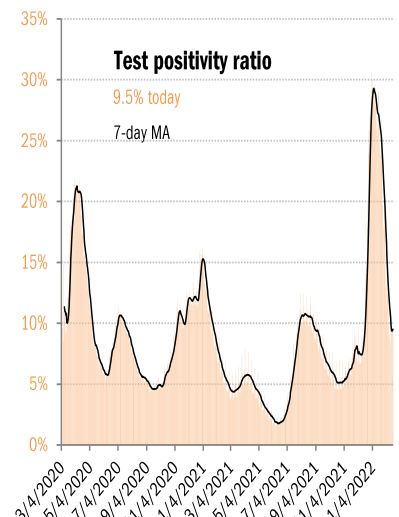
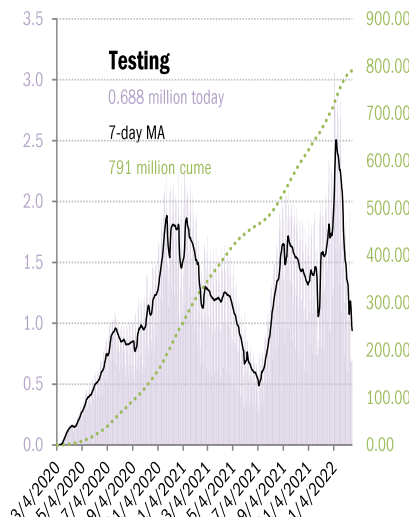
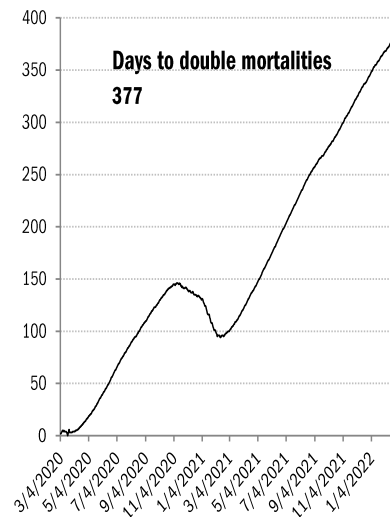
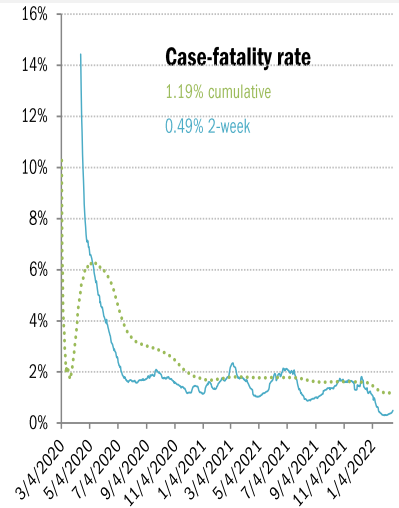
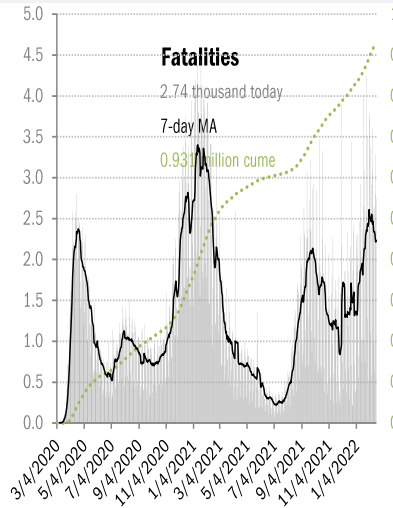
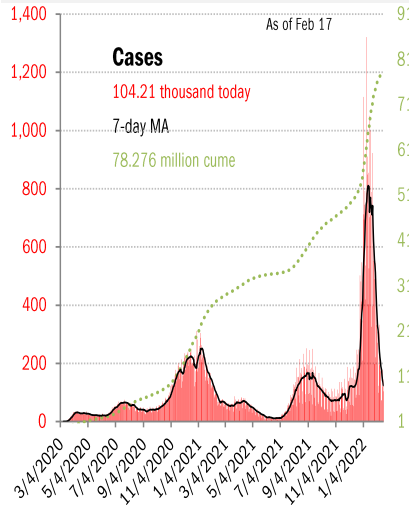
The demographics of US vaccination



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

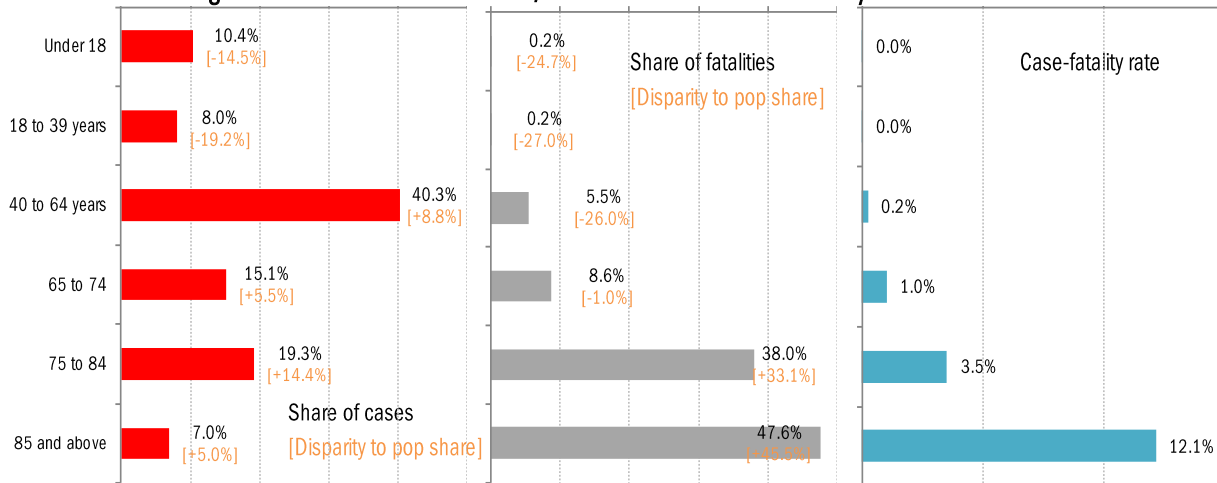
US deep-dive

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

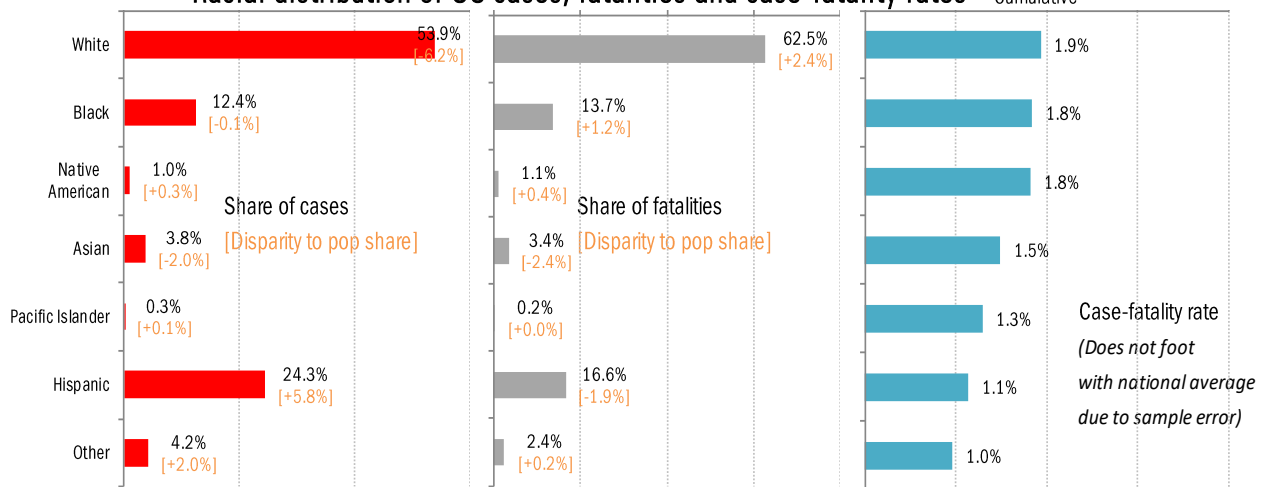


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

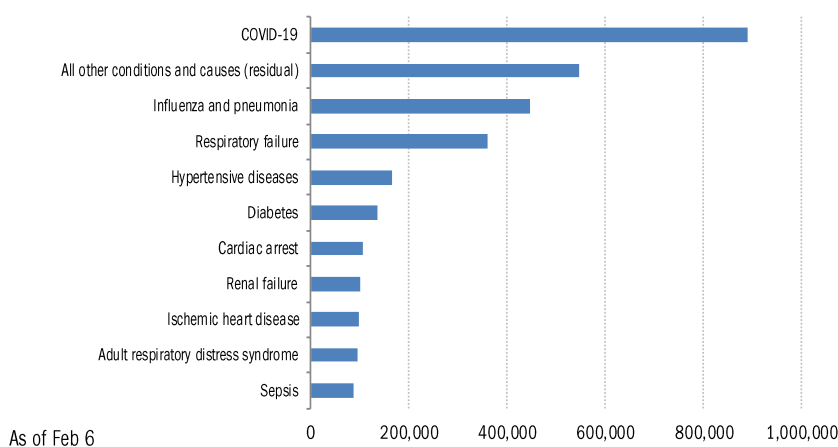


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Feb 6

The CDC website now omits the following text, which had been included every day for over a year:

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.

Recommended reading

[Another Potential Covid-19 Lab Leak Clue](#)

Wall Street Journal

February 17, 2022

[Catholic Schools' Good Covid Year](#)

Wall Street Journal

February 17, 2022

[Citation impact and social media visibility of Great Barrington and John Snow signatories for COVID-19 strategy](#)

John P Ioannidis

British Medical Journal

February 9, 2022

[It's time to get our lives back and declare the end to COVID-19 pandemic](#)

Rep. Ami Bera

Sacramento Bee

February 15, 2022

[FDA Executive Officer Exposes Close Ties Between Agency and Pharmaceutical Companies: 'Almost a Billion Dollars a Year Going into FDA's Budget from the People we Regulate'](#)

Project Veritas

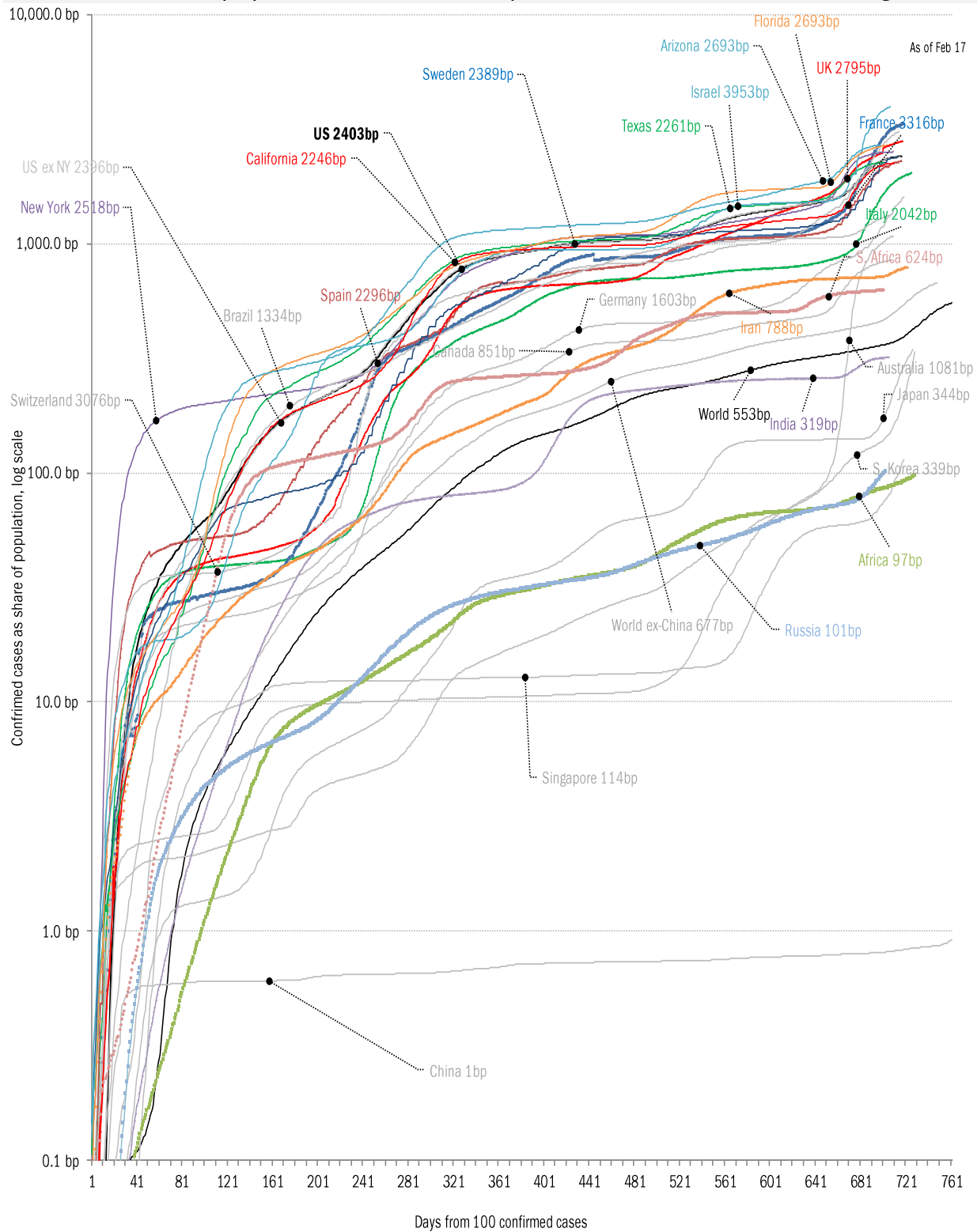
February 16, 2022

Meme of the day



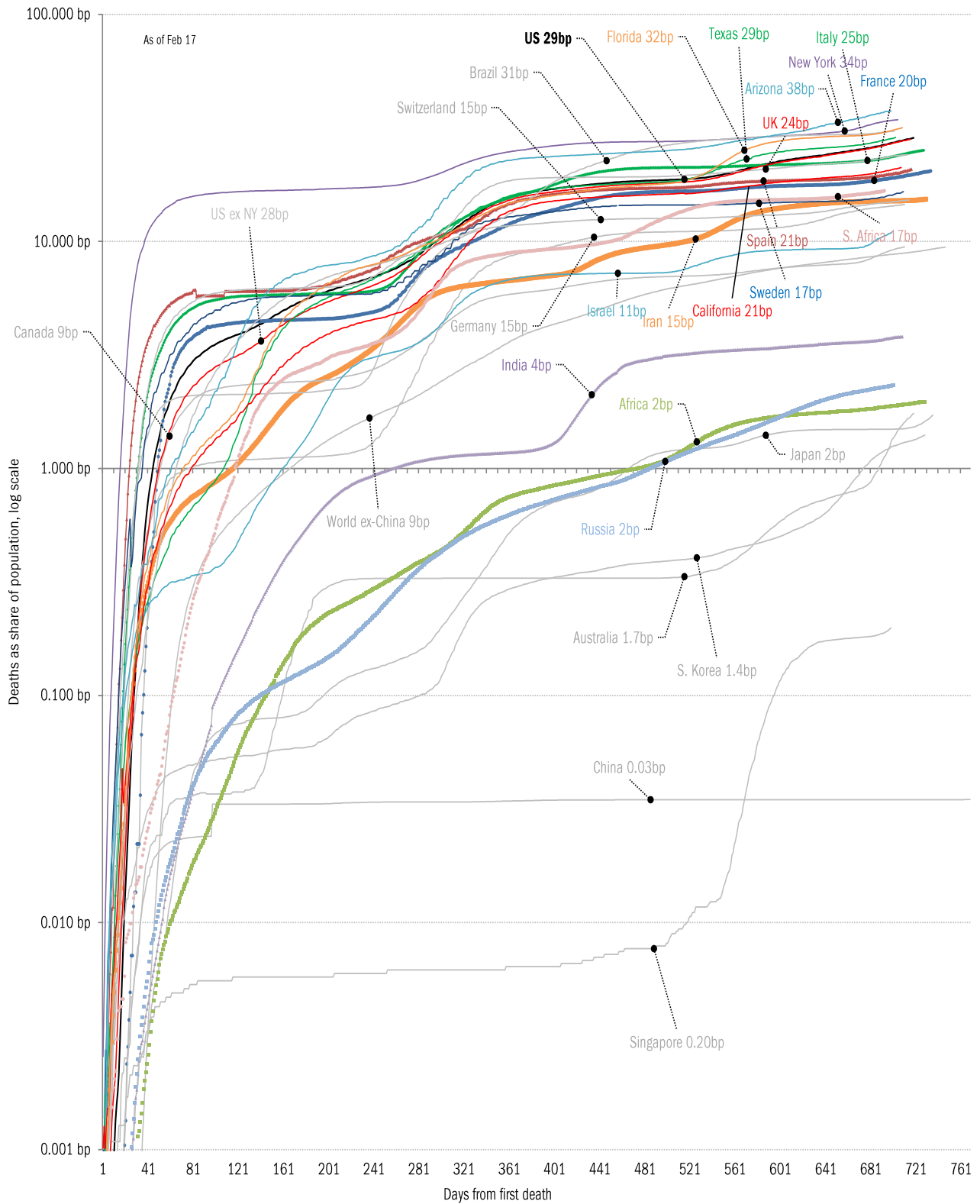
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

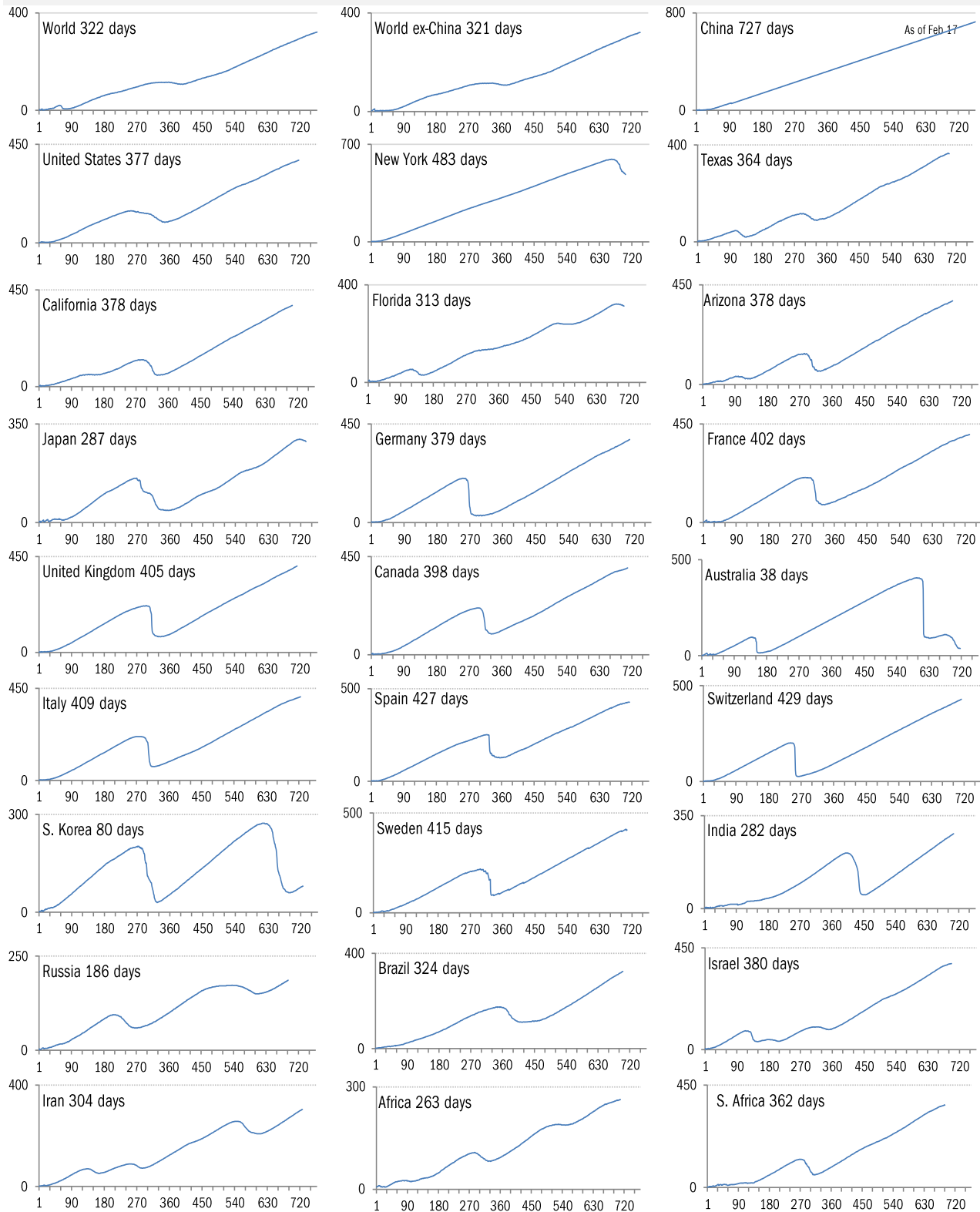


Source: [Johns Hopkins](#), TrendMacro calculations

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

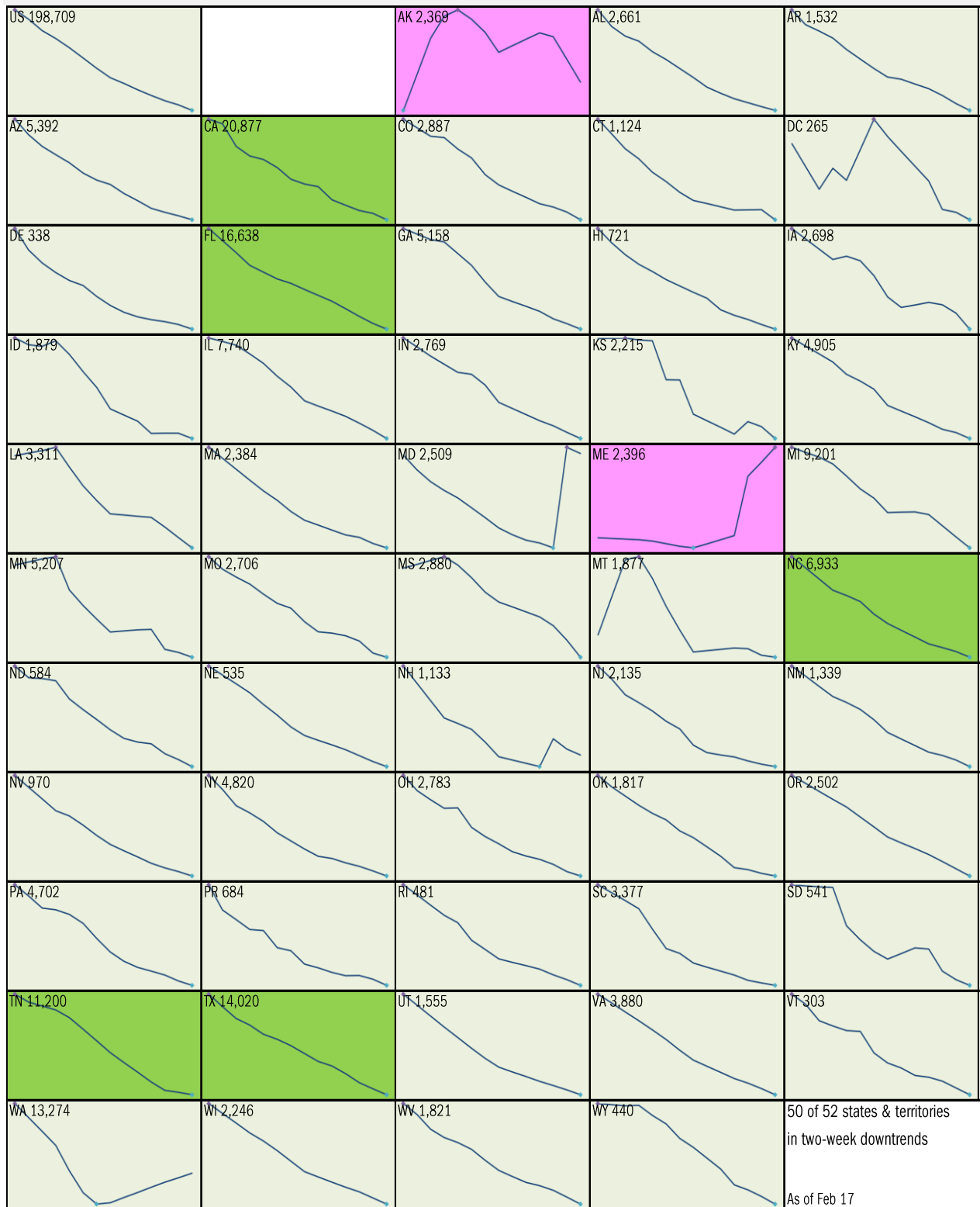
Vertical: days to double deaths Horizontal: days from first death

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

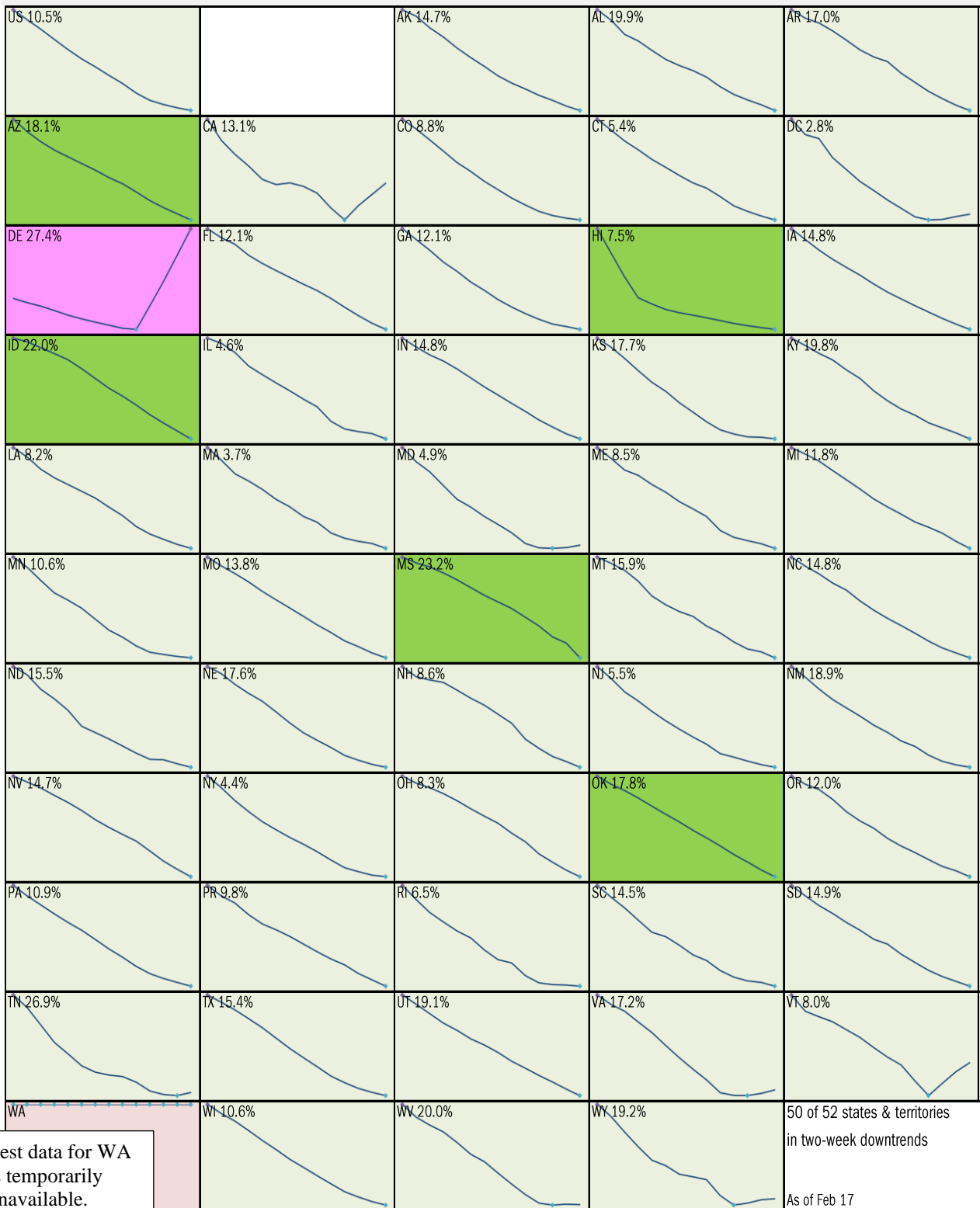


Source: [Johns Hopkins](#), TrendMacro calculations

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

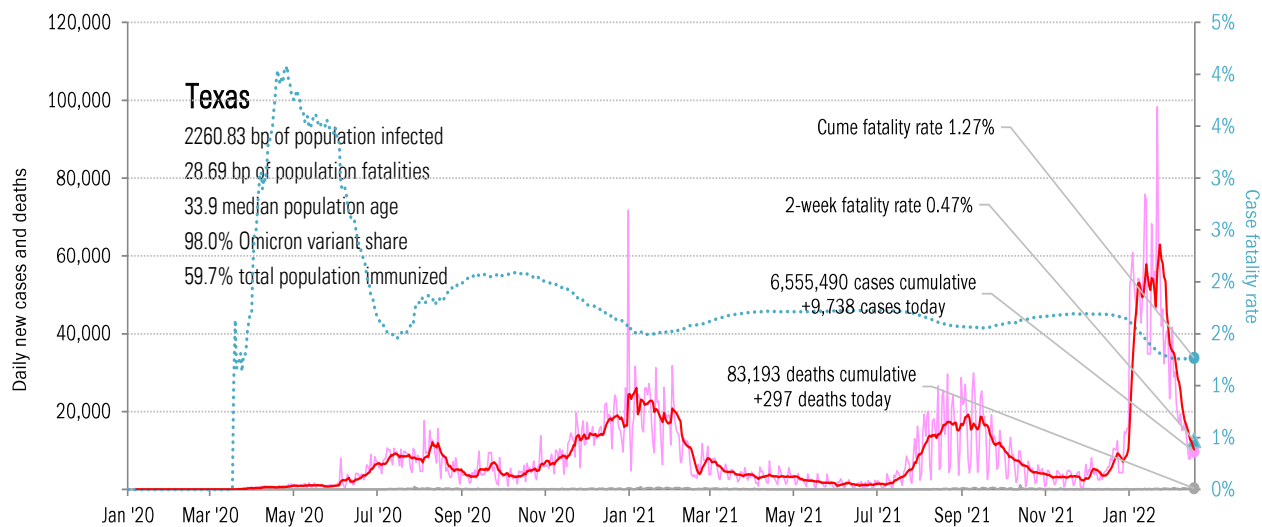
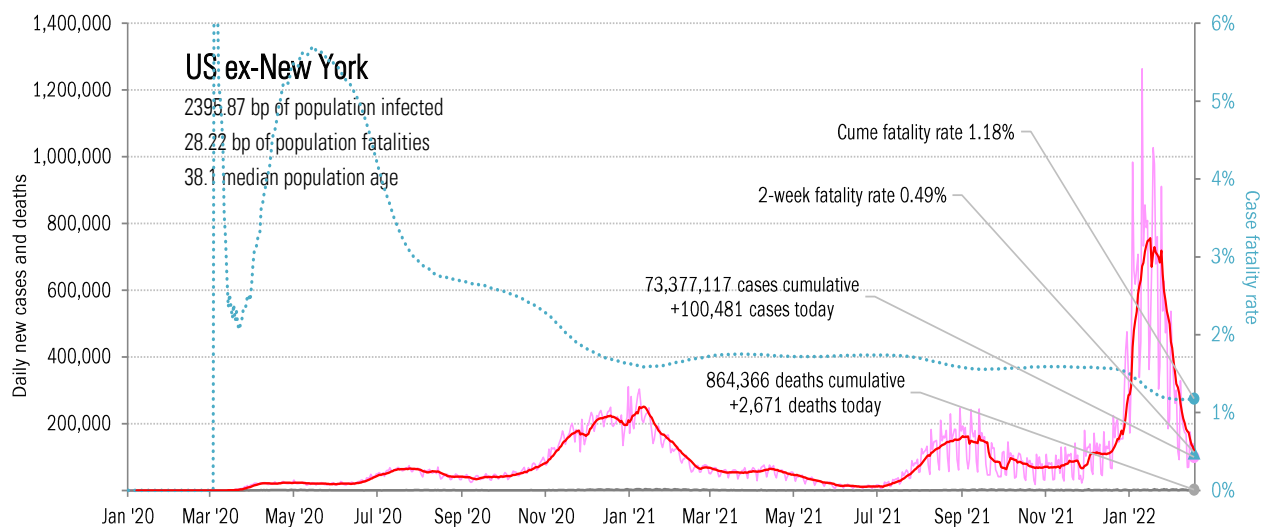
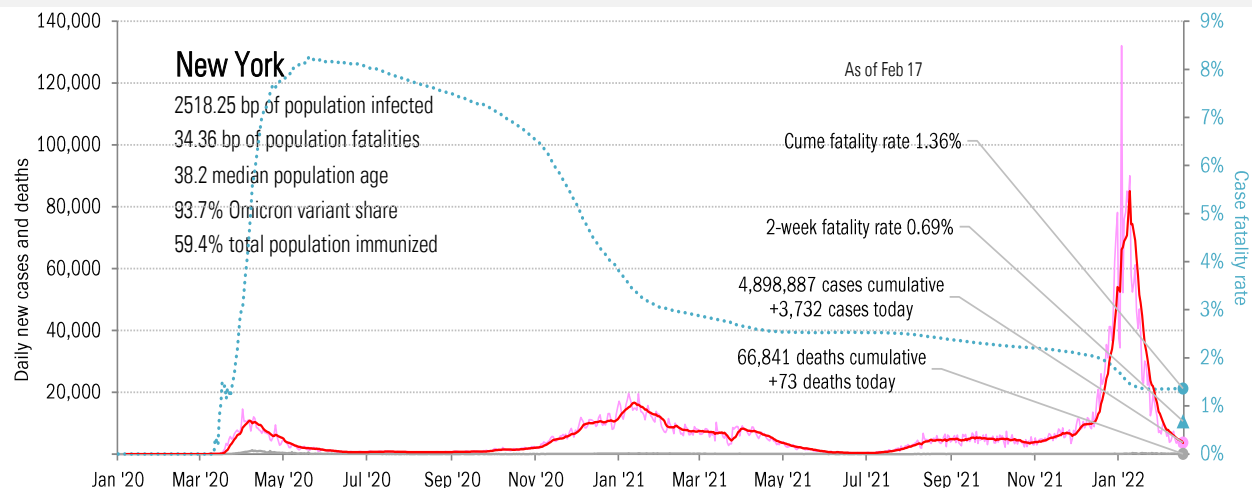


Test data for WA is temporarily unavailable.

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

From Ground Zero to the Rio Grande

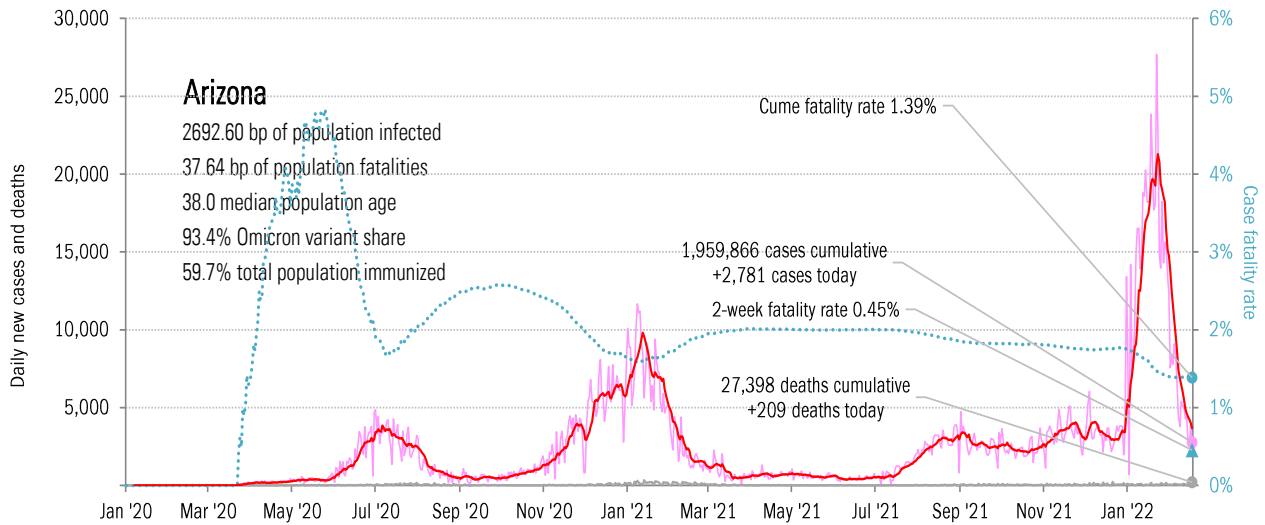
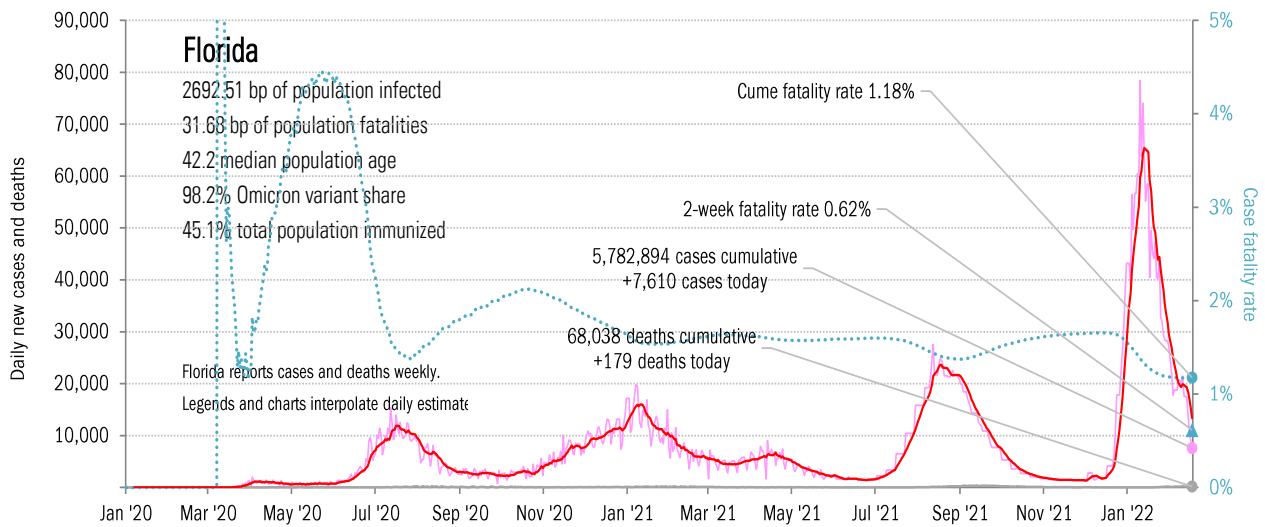
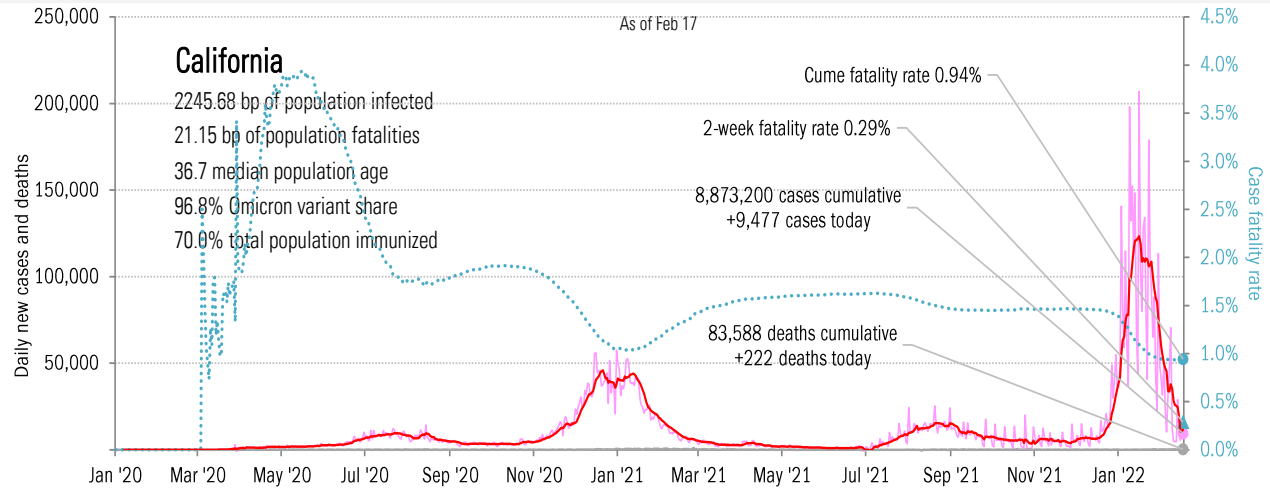
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

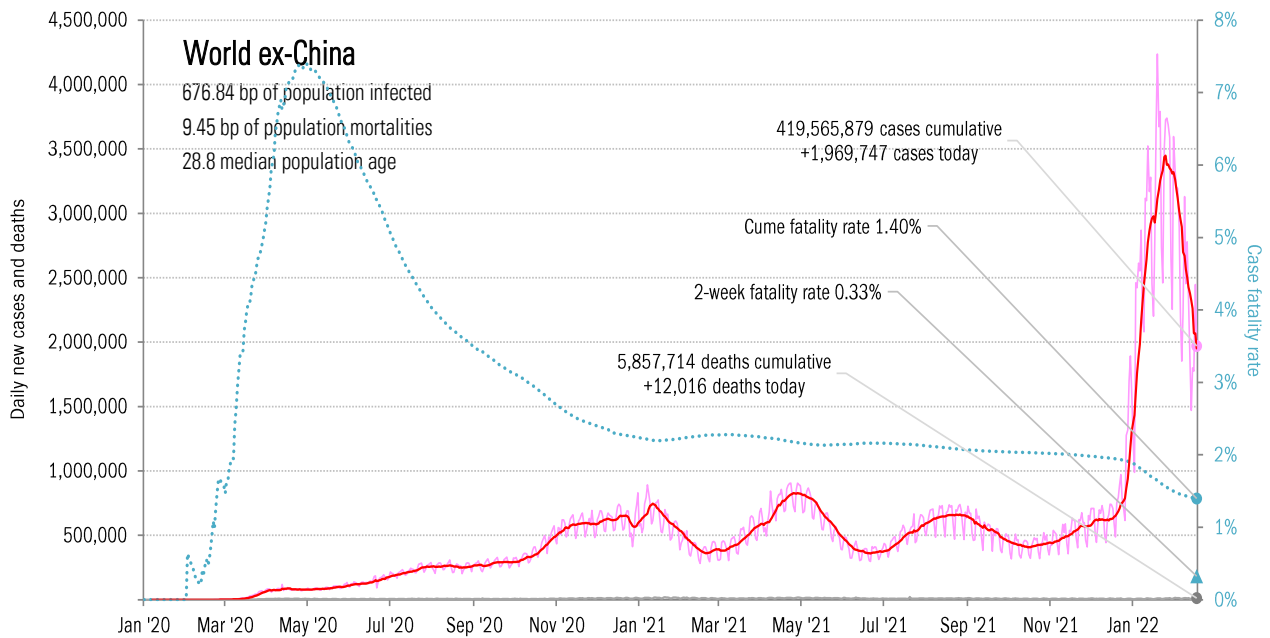
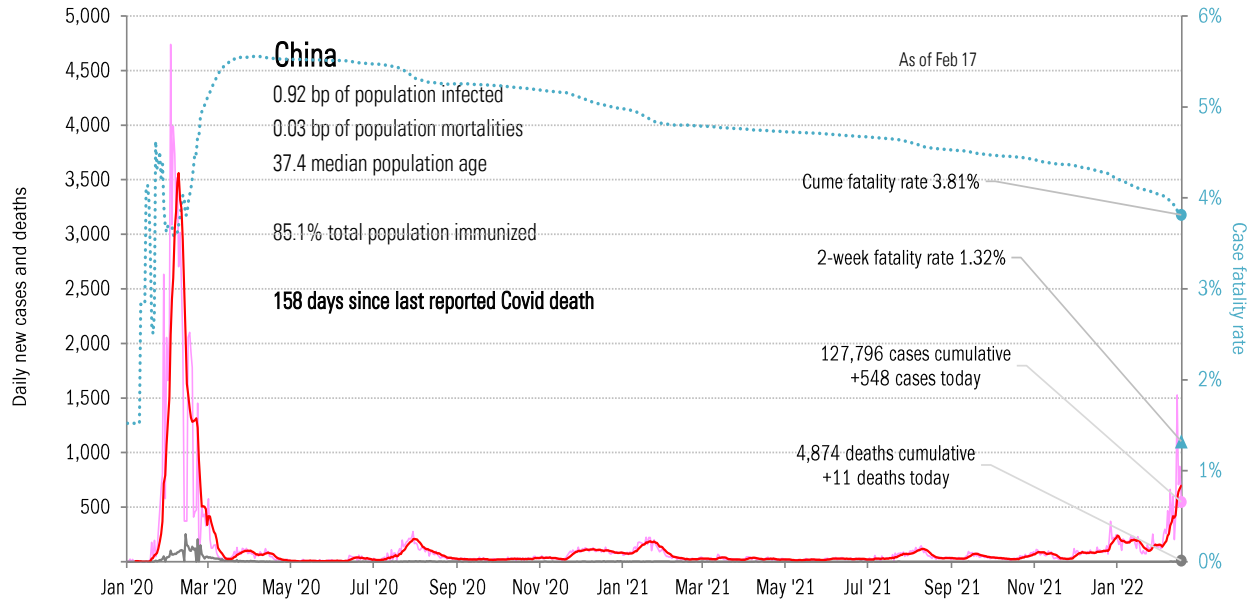
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

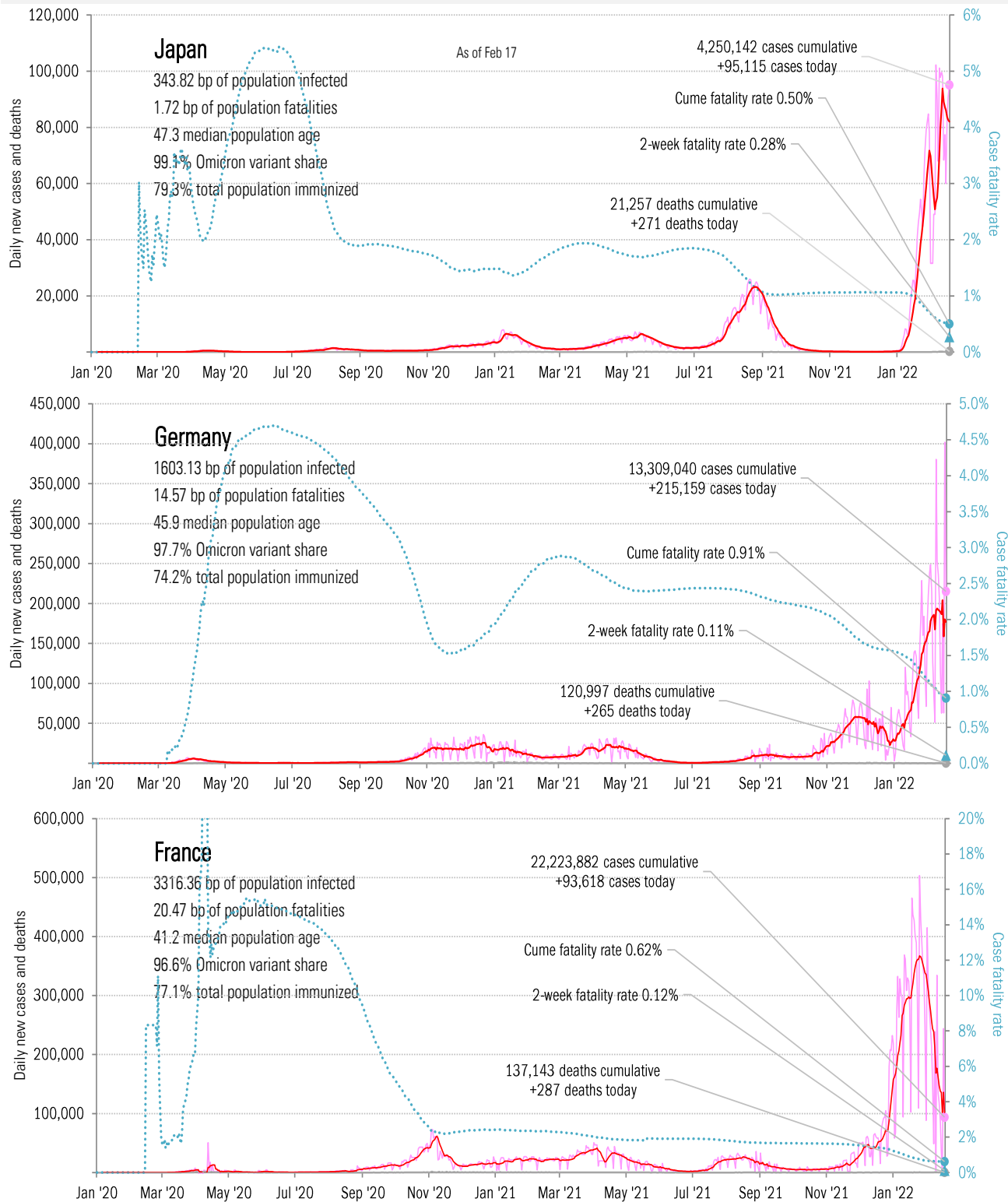
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

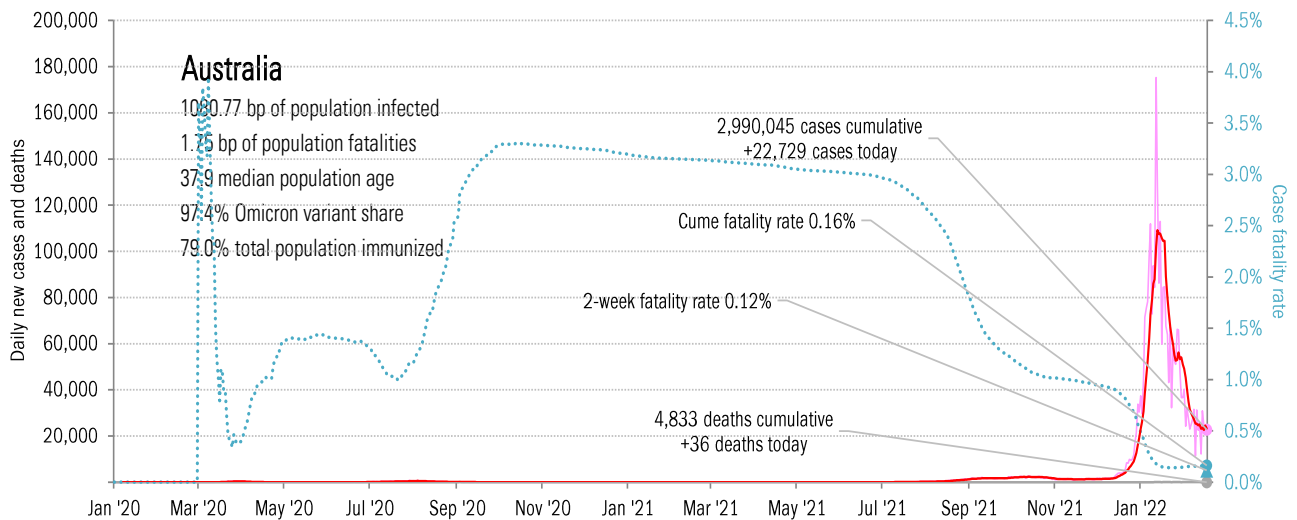
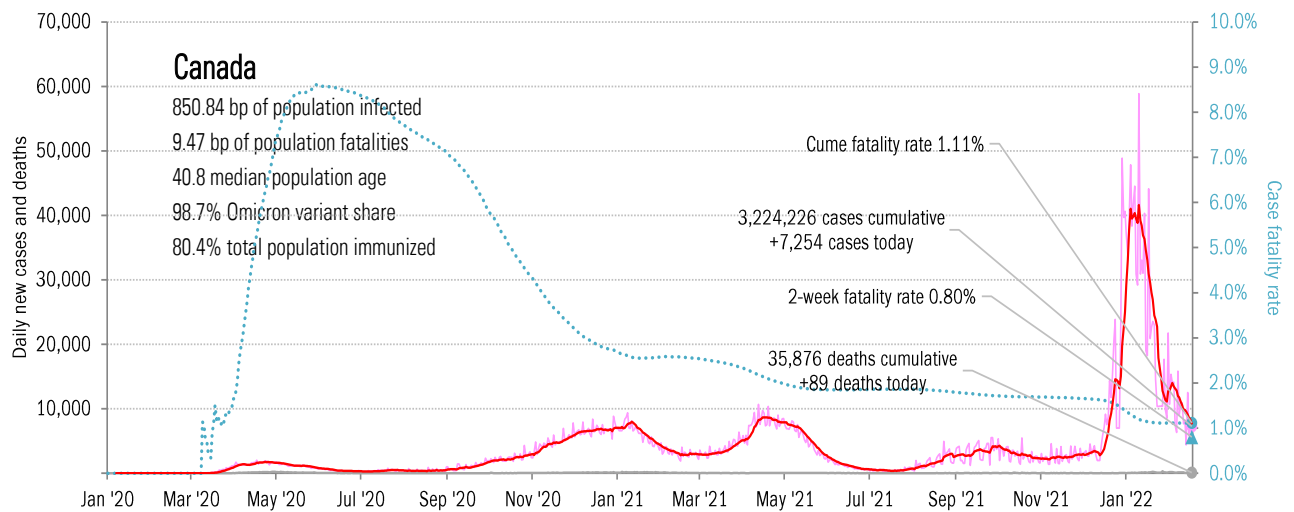
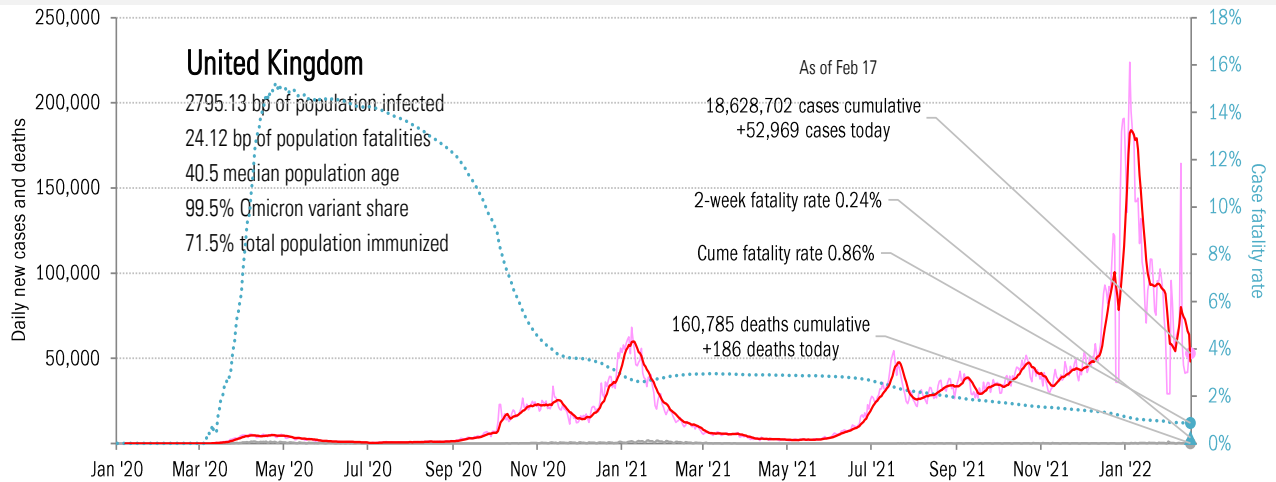
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

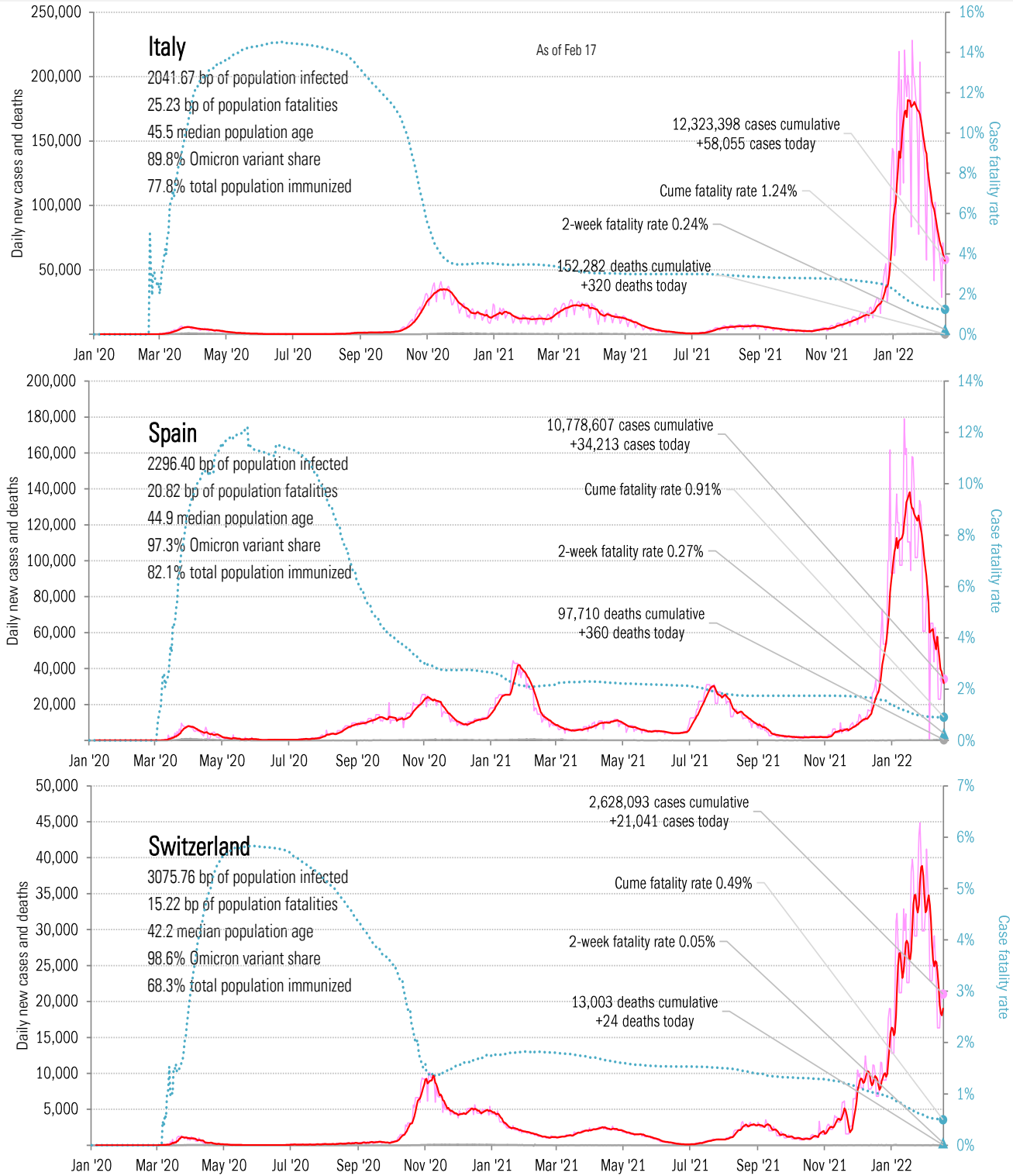
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

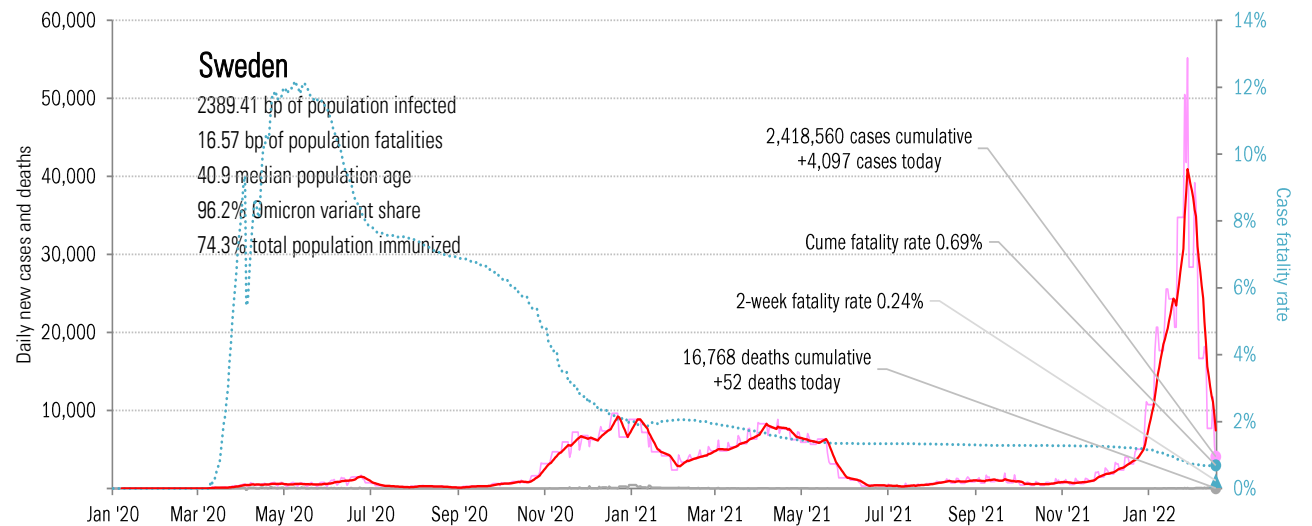
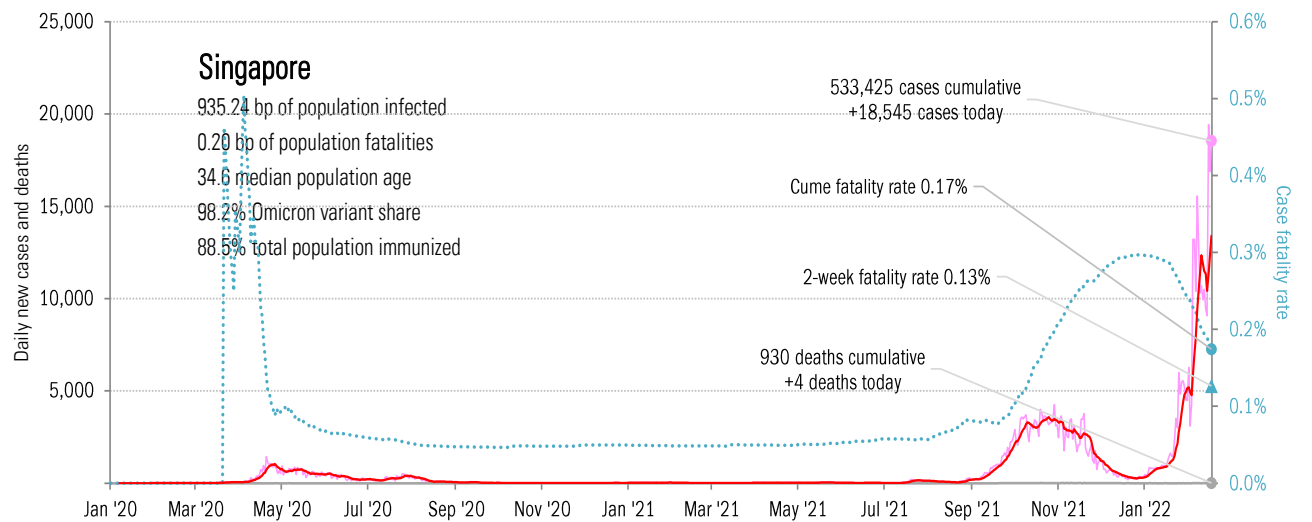
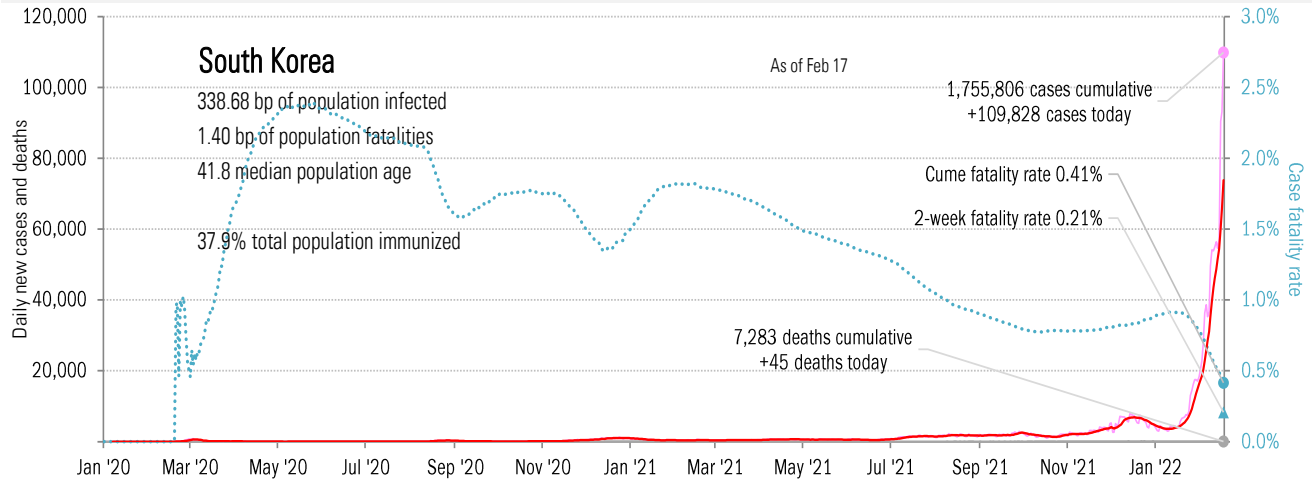
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

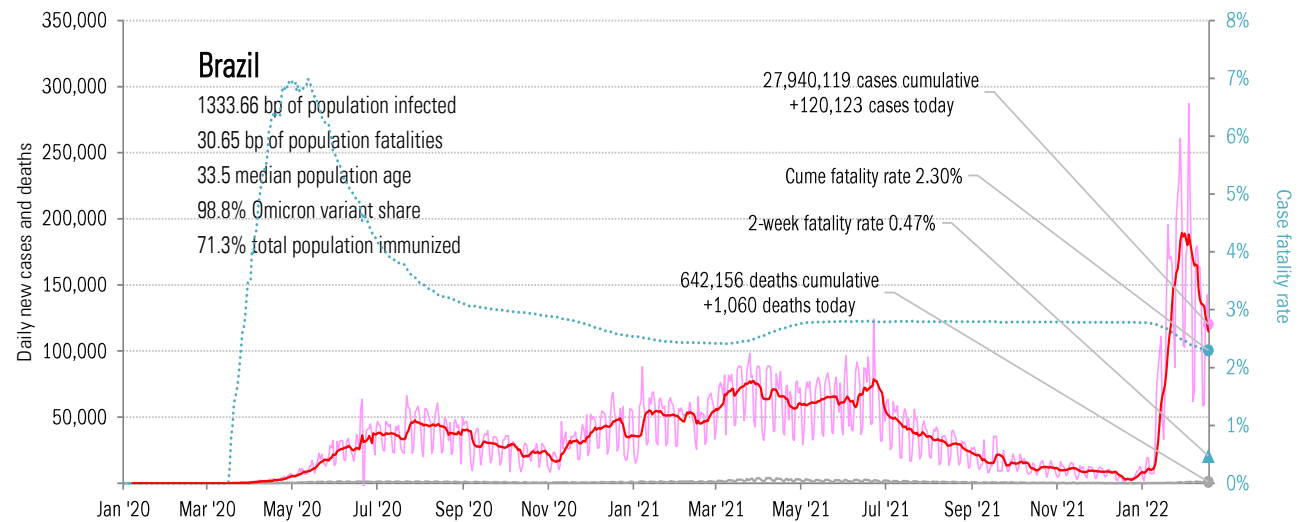
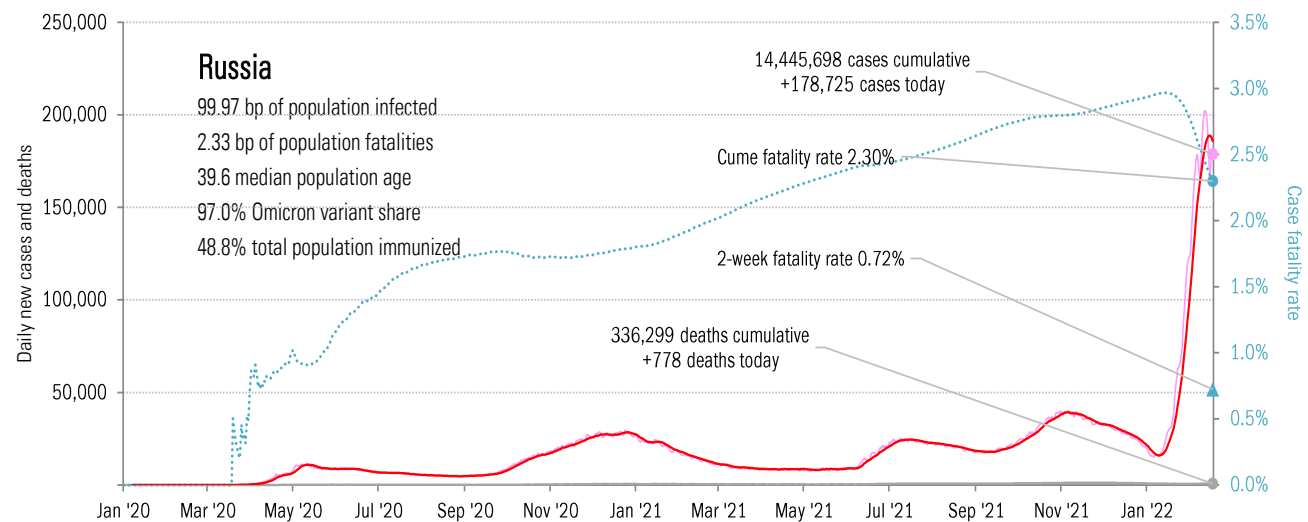
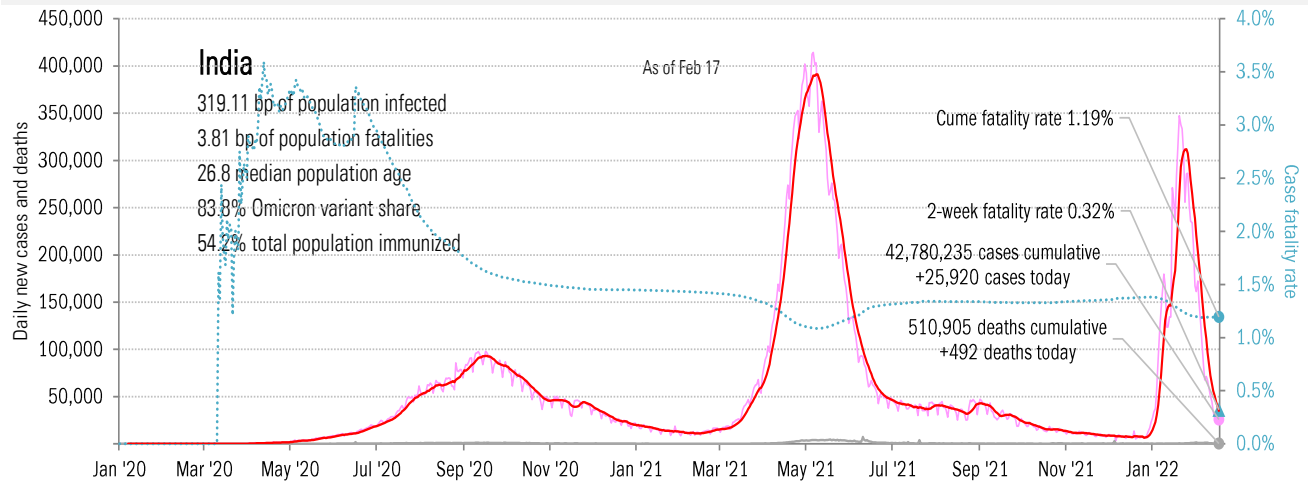
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

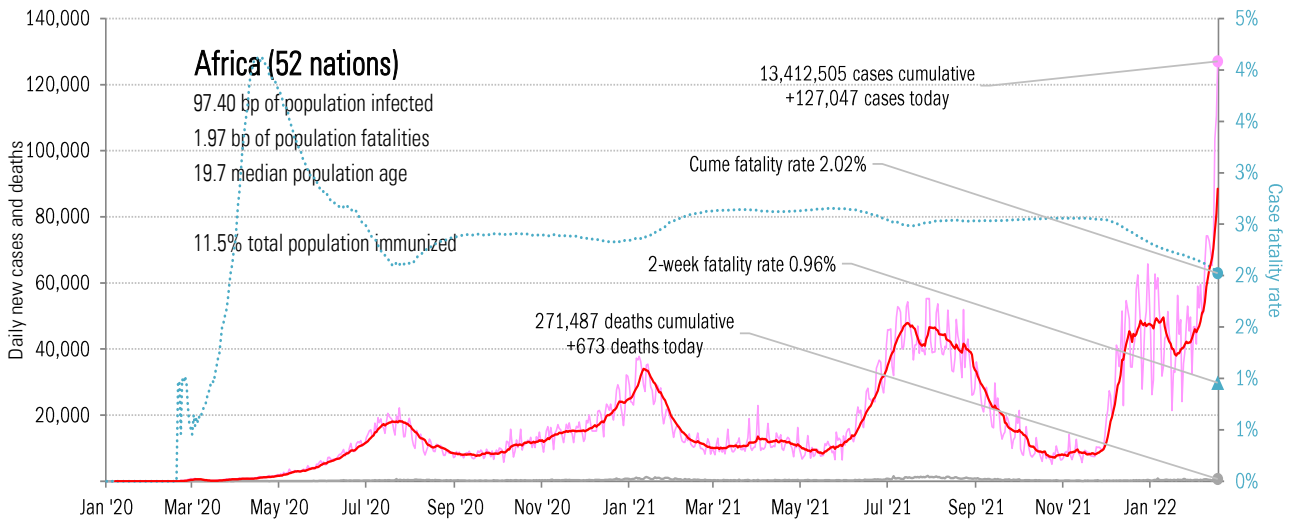
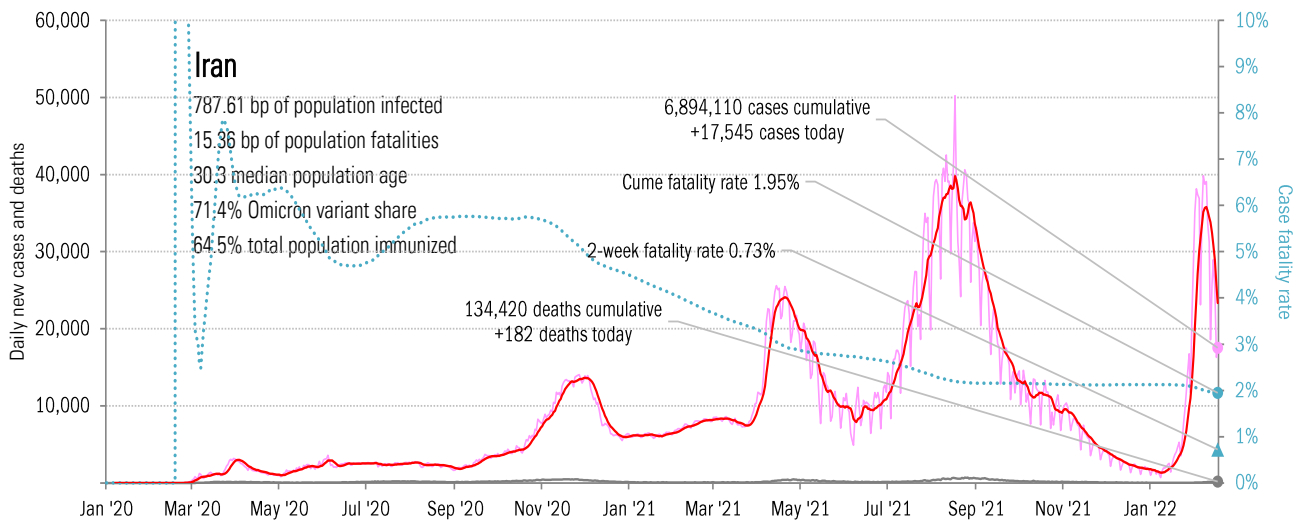
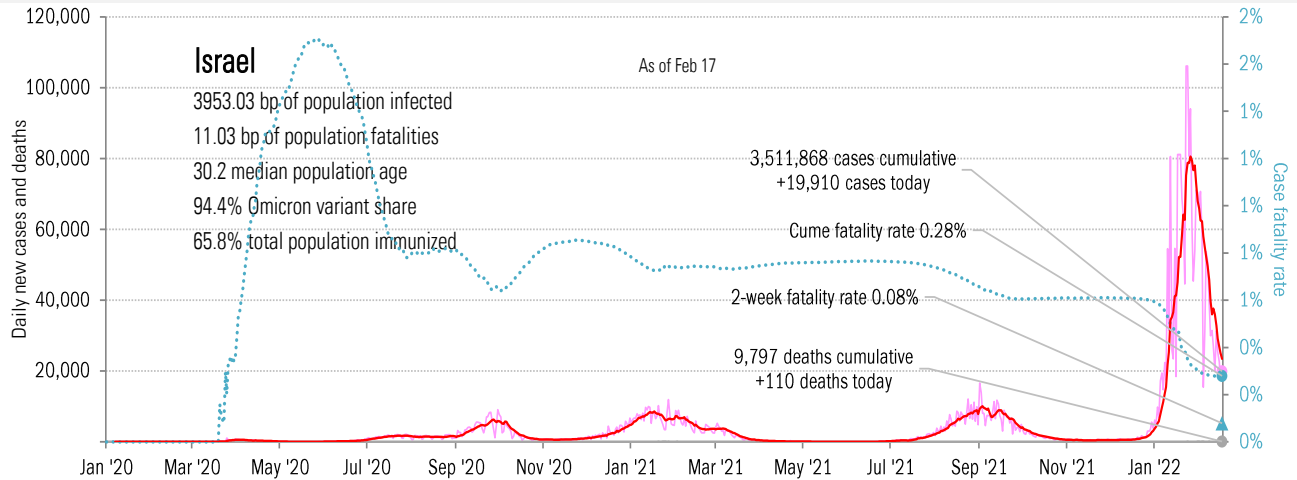
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

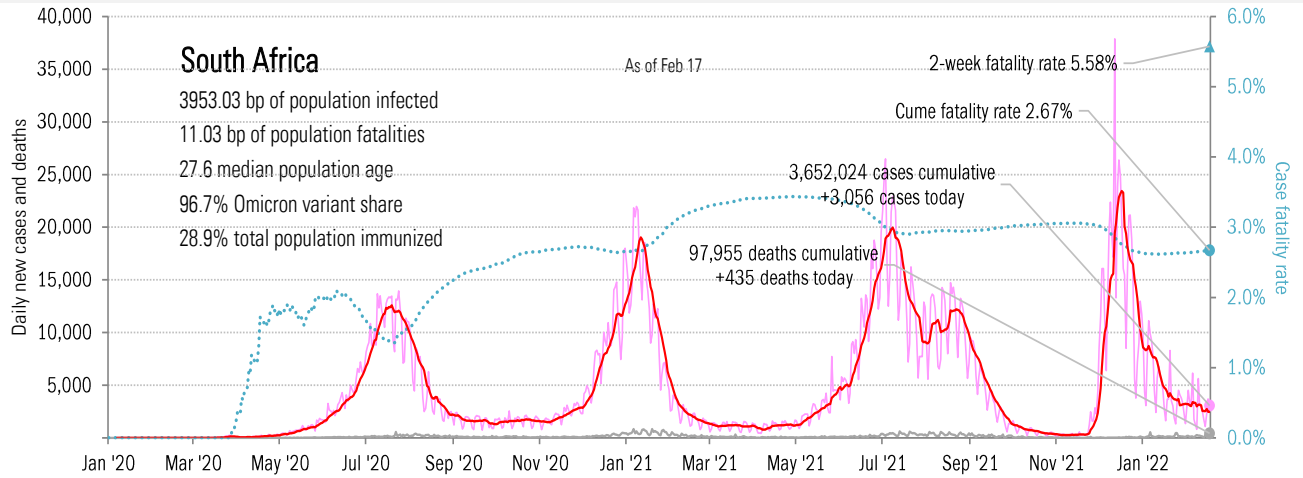
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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