

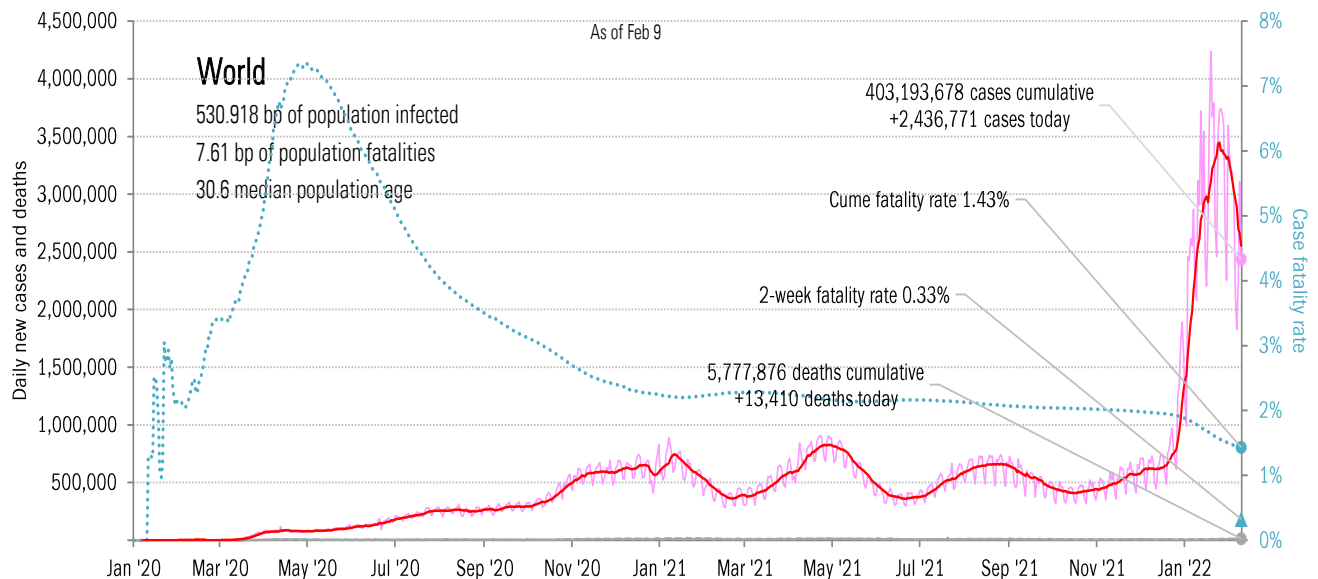
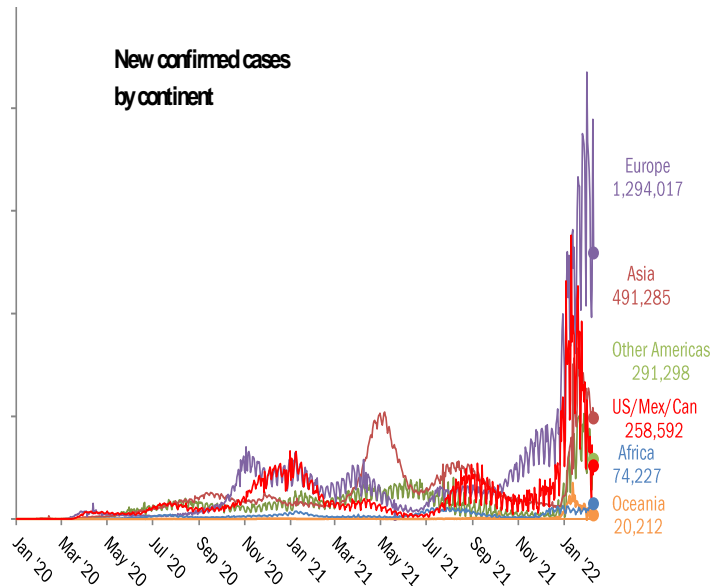
Data Insights: Covid-2019 Monitor

Thursday, February 10, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Germany	252,813	United States	3,603
United States	222,888	Brazil	1,303
Russia	181,791	India	1,241
Brazil	179,417	Mexico	743
Turkey	108,563	Russia	658
Japan	97,799	Italy	384
Netherlands	86,716	Poland	310
Italy	81,669	United Kingdom	283
United Kingdom	67,874	Spain	282
India	67,084	Turkey	266
1,346,614		9,073	
World 2,436,771		World 13,410	
Top ten 55%		Top ten 68%	



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

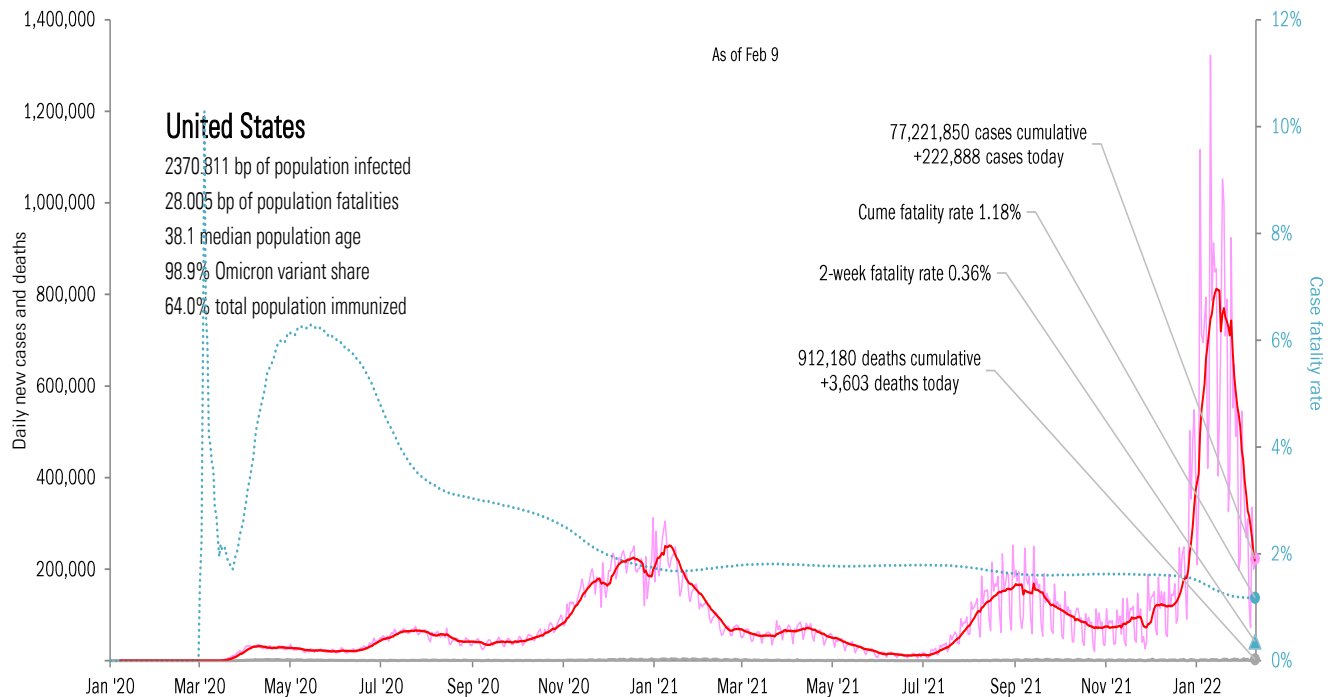
The ten worst US states

New cases			New Deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use									
CA	40,786		MI	375		MN	11		CA	8,764,163		CA	81,884		TX	468,797		GA	88%	AL	94%								
FL	20,061		CA	343		OR	11		TX	6,466,862		TX	81,359		CA	402,242		MA	85%	TX	93%								
TX	15,413		TX	295		KS	10		FL	5,667,781		FL	66,393		FL	398,821		MN	84%	OK	92%								
MI	10,718		GA	185		ID	9		NY	4,866,194		NY	66,165		NY	236,229		RI	84%	KY	90%								
NC	10,513		IA	172		NH	3		IL	2,982,083		PA	41,897		GA	197,177		PA	84%	AR	89%								
WA	8,244		FL	171		VT	3		PA	2,708,830		CH	34,592		CH	184,051		WV	84%	MS	89%								
KY	8,017		NC	157		HI	1		CH	2,621,375		IL	34,112		PA	169,260		WA	84%	NM	88%								
TN	6,517		NY	150		AS	0		NC	2,509,470		GA	33,850		IL	151,026		MO	82%	GA	88%								
NY	5,752		PA	140		GJ	0		GA	2,424,950		MI	33,286		MI	135,258		FL	82%	NV	87%								
GA	5,447		CO	122		MP	0		MI	2,316,871		NJ	32,187		KY	134,948		DE	82%	NC	86%								
131,468			2,110			48			41,328,579			505,725			2,477,809														
All states			222,888			3,603			-3,345			All states			77,221,850			912,180			4,487,582			All states		70%		67%	
Top ten			59%			59%			-1%			Top ten			53%			56%			55%			Median		79%		81%	

Some states not reporting

Five most improved US states

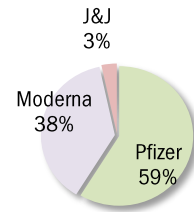
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TN	-7,809	CH	-375	NM	-114	MP	+20 bp
CA	-7,235	MO	-250	OK	-102	FR	+20 bp
MN	-6,572	AZ	-149	LA	-79	RI	+20 bp
IN	-3,144	IN	-99	IN	-71	CO	+10 bp
IA	-1,184	MA	-57	TN	-47	DE	+10 bp



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	558,449,208		+0.640 million	US	64.0%	75.7%
Boosters	91,741,350		+0.296 million	UK	71.3%	76.9%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	259,020,953	78%	219,325,073	66%	+0.186 million	France 76.8% 79.9%
Age 12 to 17	17,101,564	68%	14,484,606	57%	+0.019 million	Spain 82.1% 87.7%
Age 18 to 64	174,737,550	86%	147,921,661	73%	+0.099 million	Germany 74.0% 75.4%
Age 65 and over	58,043,695	100%	50,186,303	92%	+0.014 million	Italy 77.6% 83.8%
						Australia 78.8% 84.8%
						Israel 65.8% 72.1%
						Canada 80.1% 85.2%
						Japan 79.3% 80.5%
						Africa 11.2% 16.5%
						India 53.2% 68.5%
						Brazil 70.8% 80.8%
						China 85.1% 87.7%



State	Best
At least partial immunity as % population	Middle
Full immunity as % population	Worst

Immunity = two doses

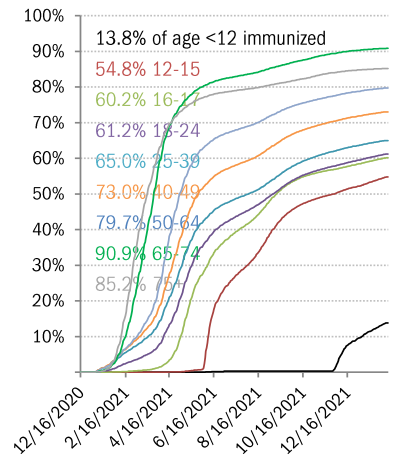
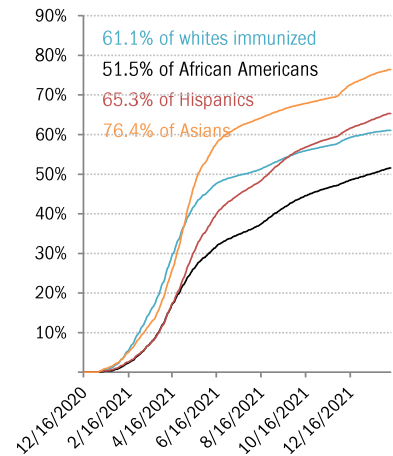
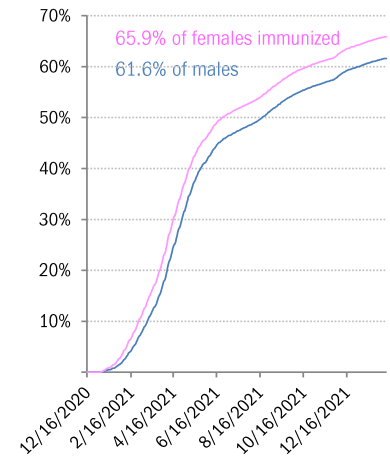
AK	68.1%
	59.9%

WI	70.7%
	64.0%

ME	88.8%
	77.9%

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
79.1%	59.9%	64.1%	64.2%	73.9%	75.7%	65.5%	88.1%	92.4%	95.0%	
70.4%	52.5%	55.5%	54.1%	67.5%	66.7%	58.6%	74.7%	79.7%	69.2%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
76.5%	73.4%	57.5%	74.3%	66.9%	60.2%	62.5%	82.5%	88.1%	95.0%	
68.1%	58.9%	50.0%	59.3%	60.7%	53.5%	57.1%	66.2%	73.5%	76.9%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
81.0%	70.5%	77.8%	69.0%	64.9%	64.9%	63.8%	83.6%	84.1%	93.1%	95.0%
69.5%	62.4%	68.6%	61.9%	54.6%	55.9%	56.4%	71.0%	73.2%	77.1%	79.7%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	70.7%	85.1%	72.8%	65.3%	60.9%	81.5%	65.9%	93.9%	81.0%	
	59.3%	68.8%	59.5%	53.0%	53.0%	58.8%	55.2%	70.5%	66.7%	
			OK	LA	MS	AL	GA			
			69.5%	59.8%	58.4%	61.5%	64.0%			
			55.4%	52.1%	50.4%	49.8%	53.3%			
			TX					FL		PR
			70.1%					77.5%		94.1%
			59.3%					65.4%		80.2%

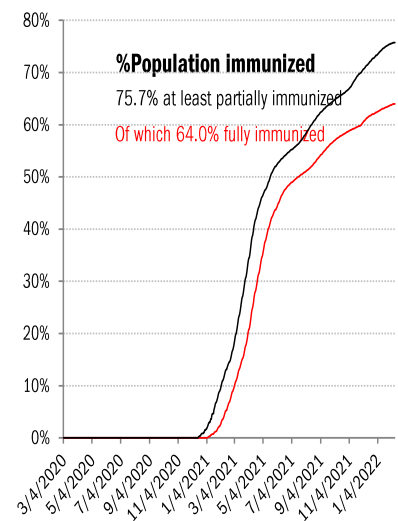
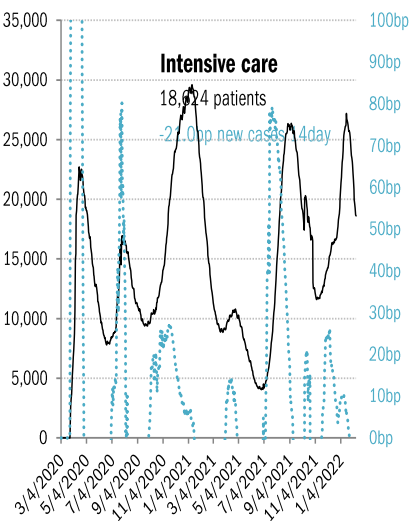
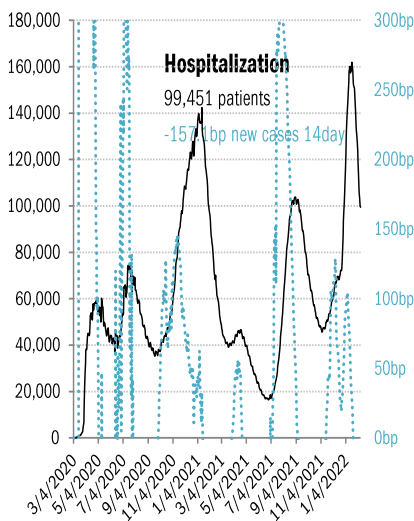
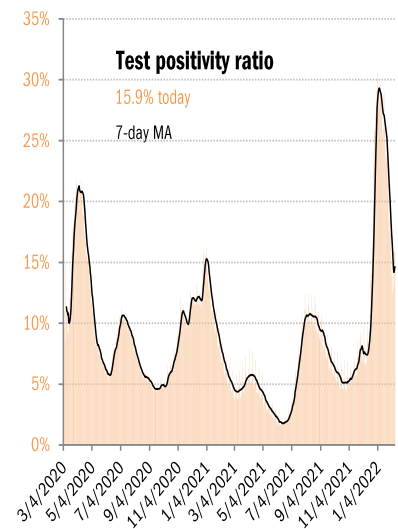
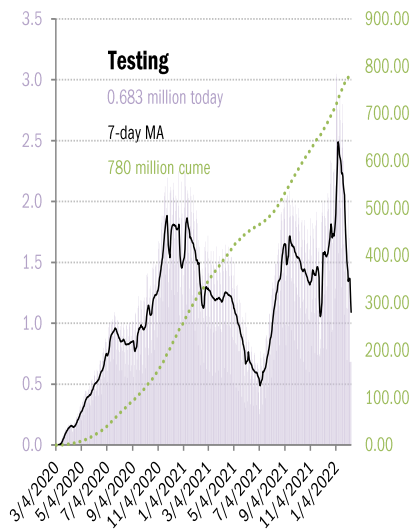
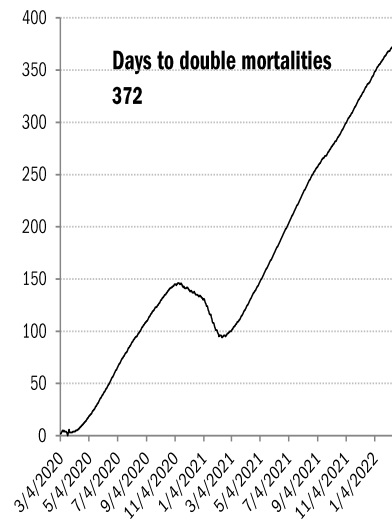
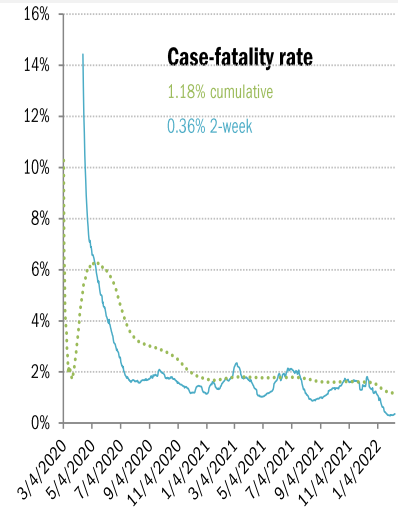
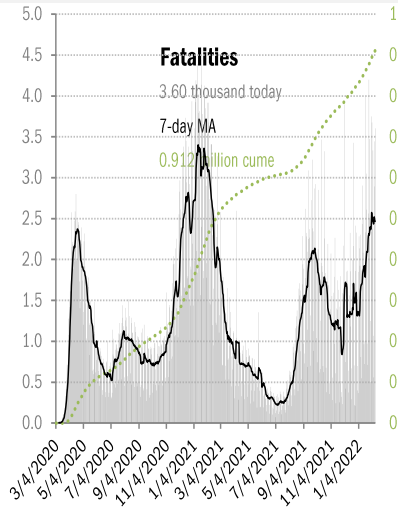
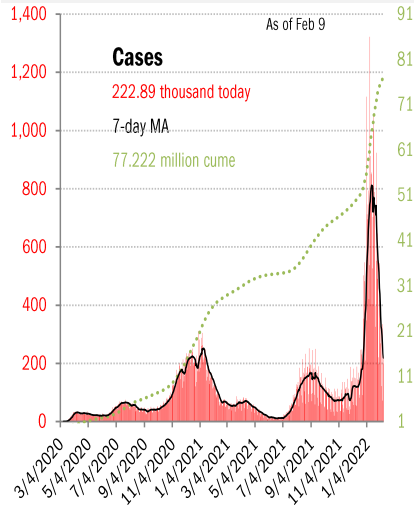
The demographics of US vaccination



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

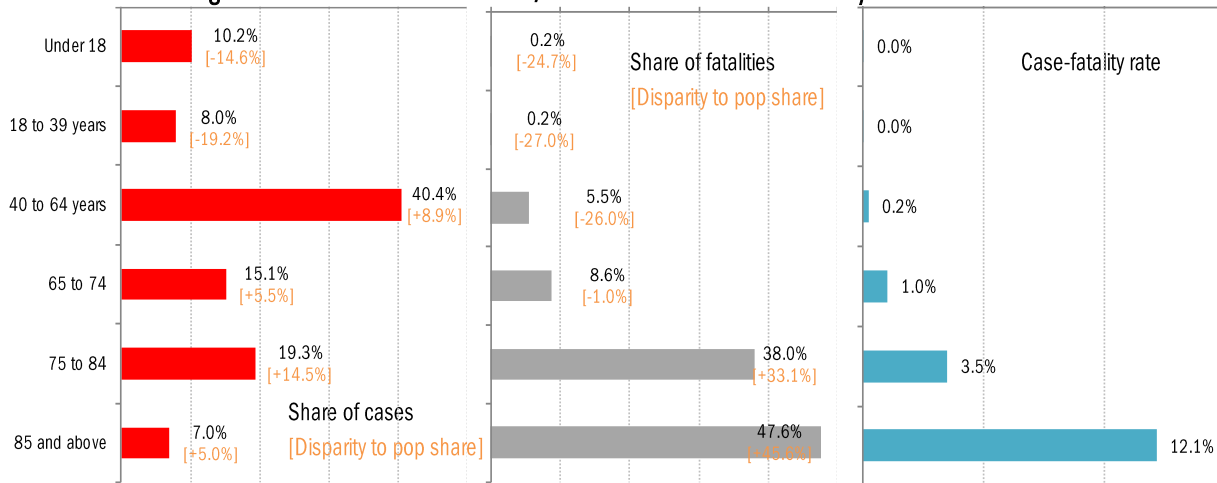
US deep-dive

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

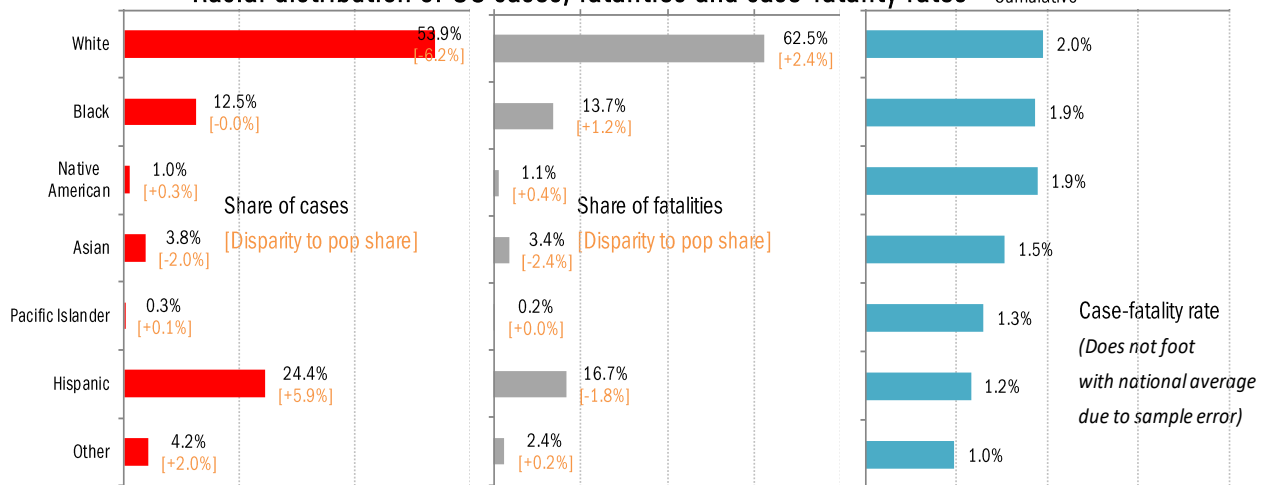


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

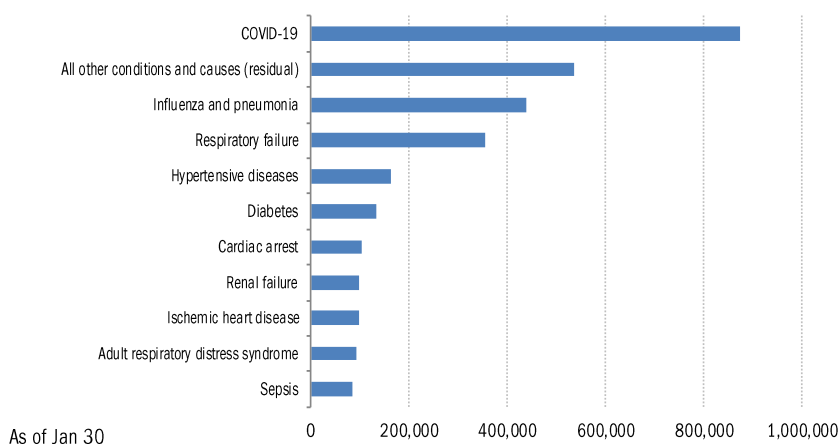


Racial distribution of US cases, fatalities and case-fatality rates



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

["They Will Not Silence Me": Doctor Who Discovered Omicron Was Pressured Not To Reveal It's Mild](#)

Tyler Durden
Zero Hedge
February 9, 2022

[Time to End the Covid Emergency](#)

Harvey Risch
Wall Street Journal
February 9, 2022

[Sweden Declares the Pandemic to be "Over"](#)

Paul Joseph Watson
Summit News
February 9, 2022

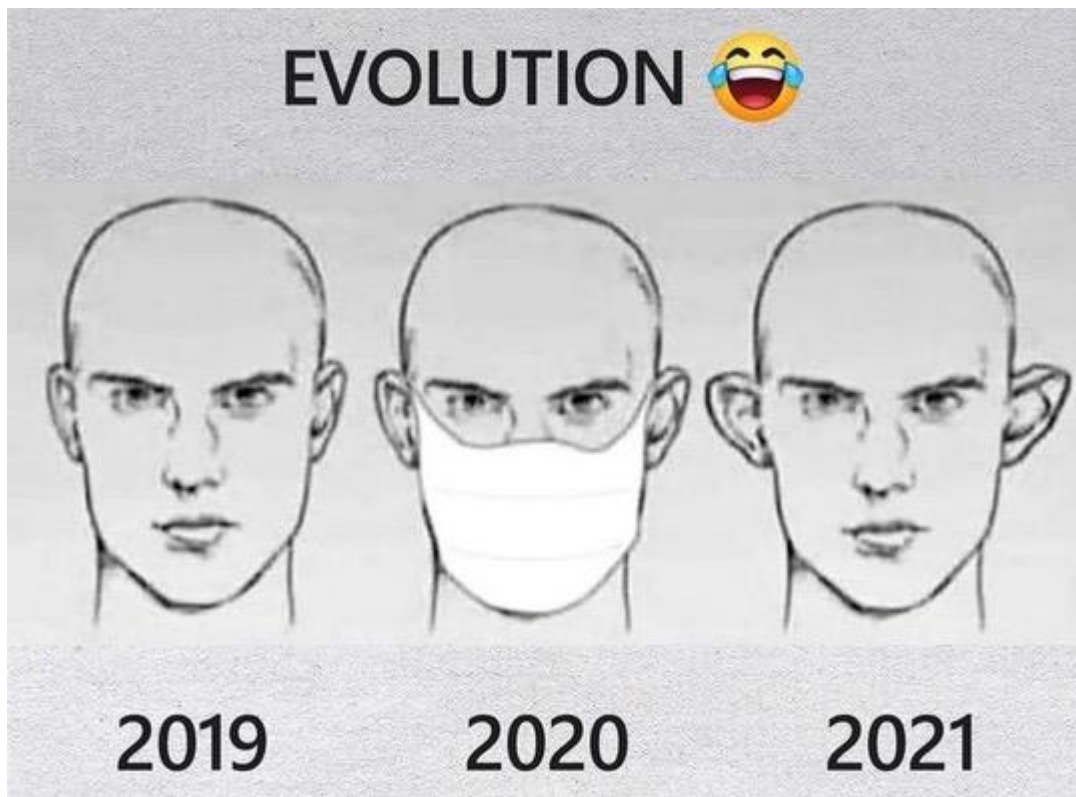
[Johnson Outlines Plan for Lifting All Virus Restrictions in England](#)

Stephen Castle
New York Times
February 9, 2022

[The Biden administration remains cautious about easing masking and other Covid safety measures.](#)

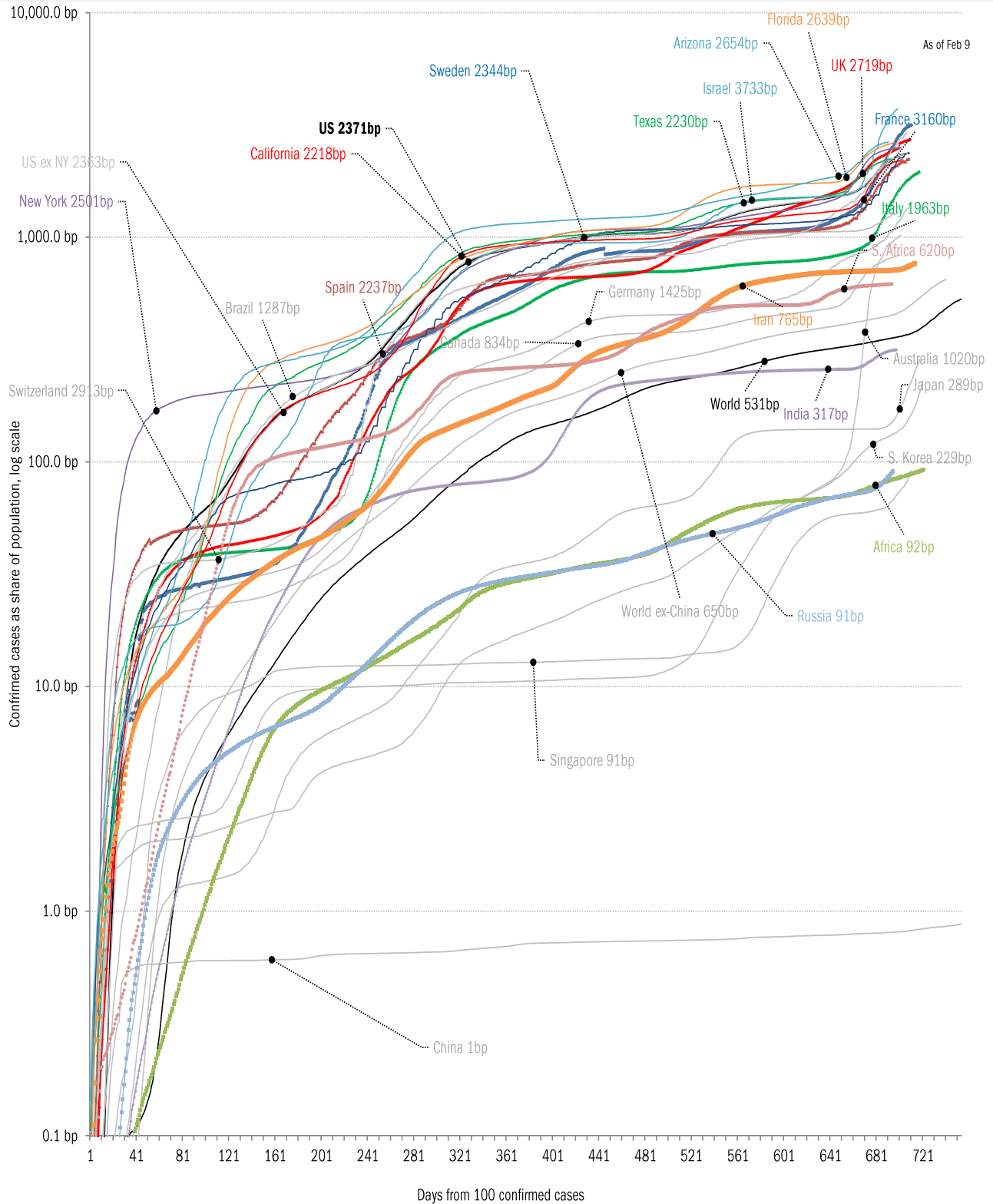
Sheryl Gay Stolberg
New York Times
February 9, 2022

Meme of the day



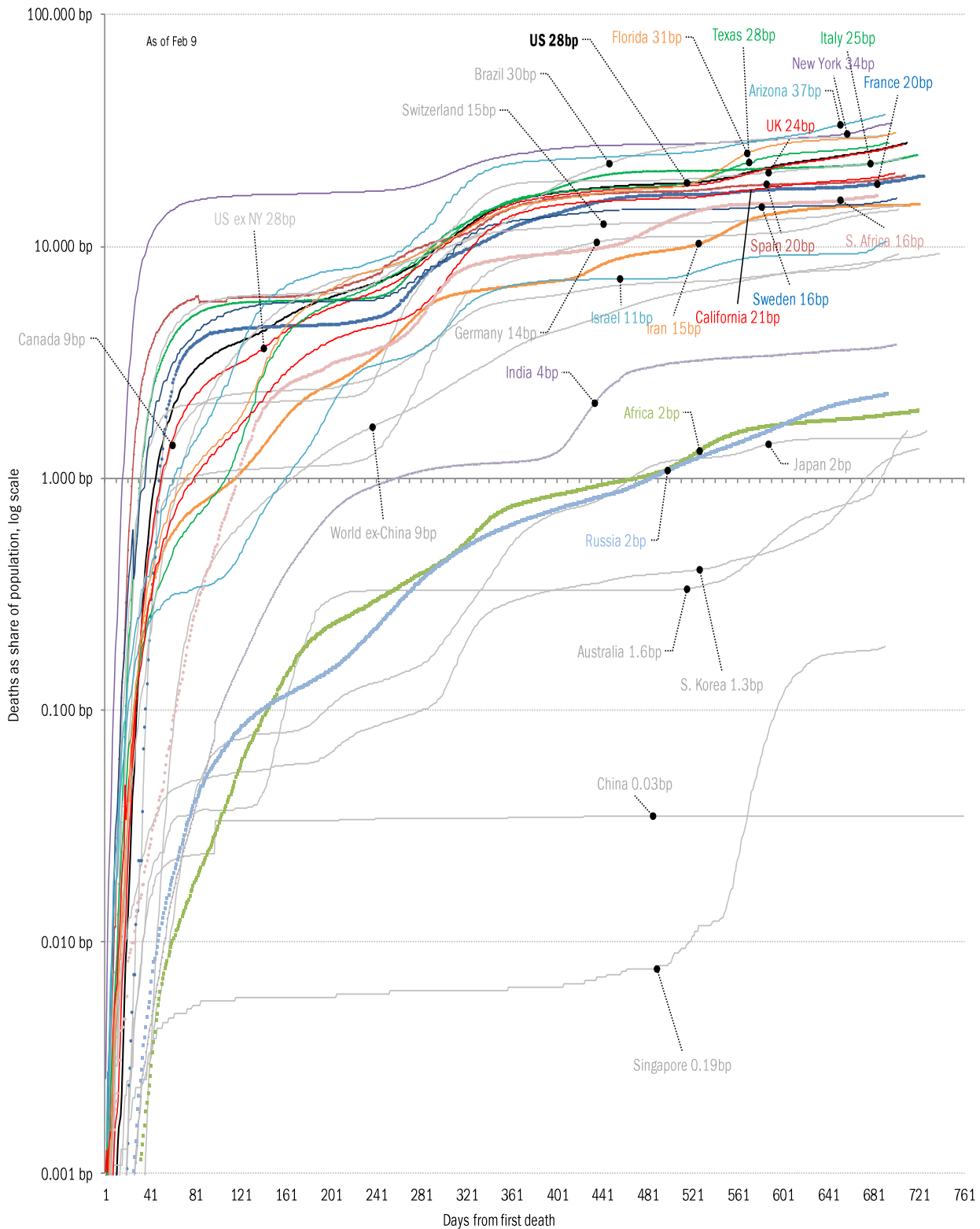
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

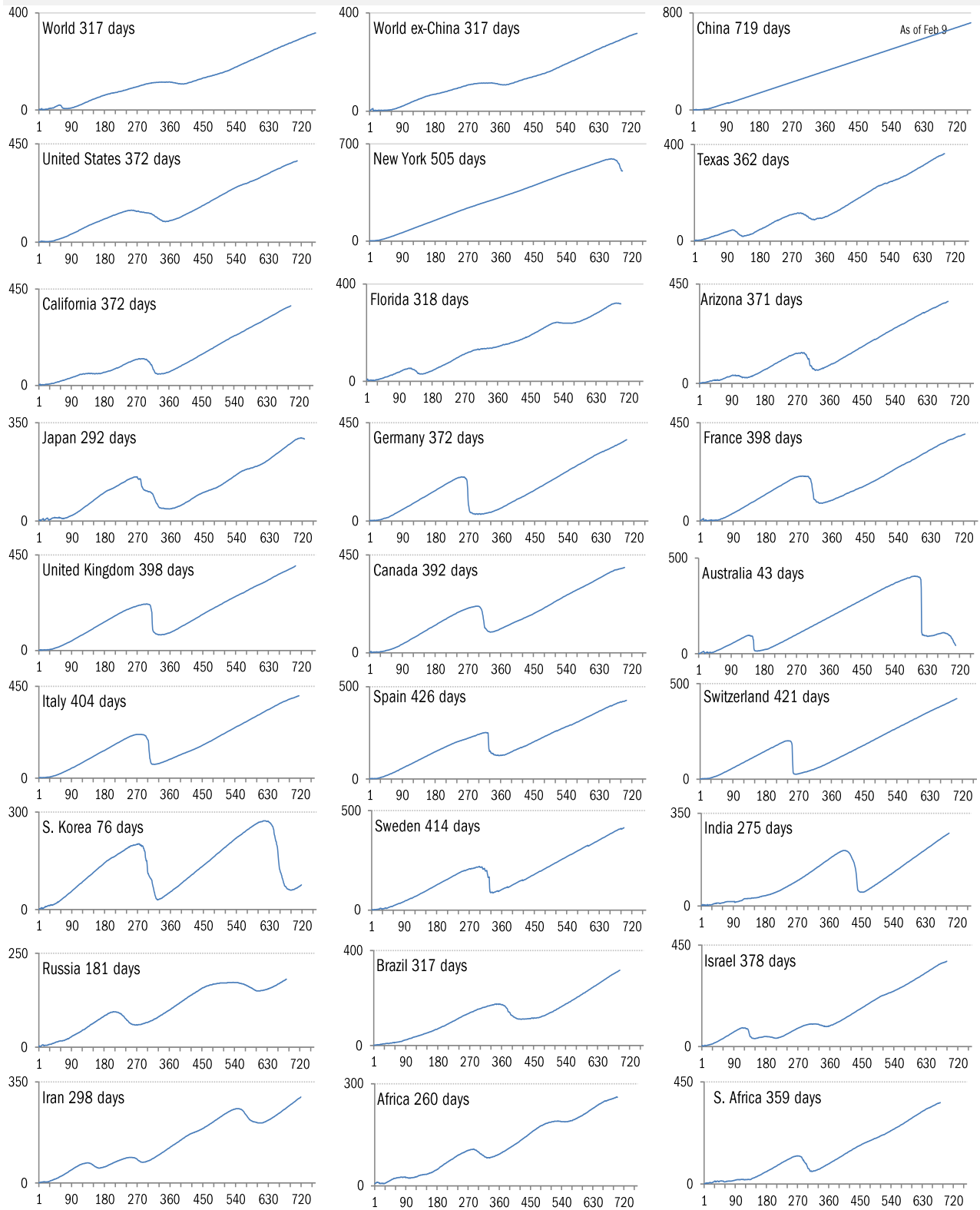


Source: [Johns Hopkins](#), TrendMacro calculations

"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

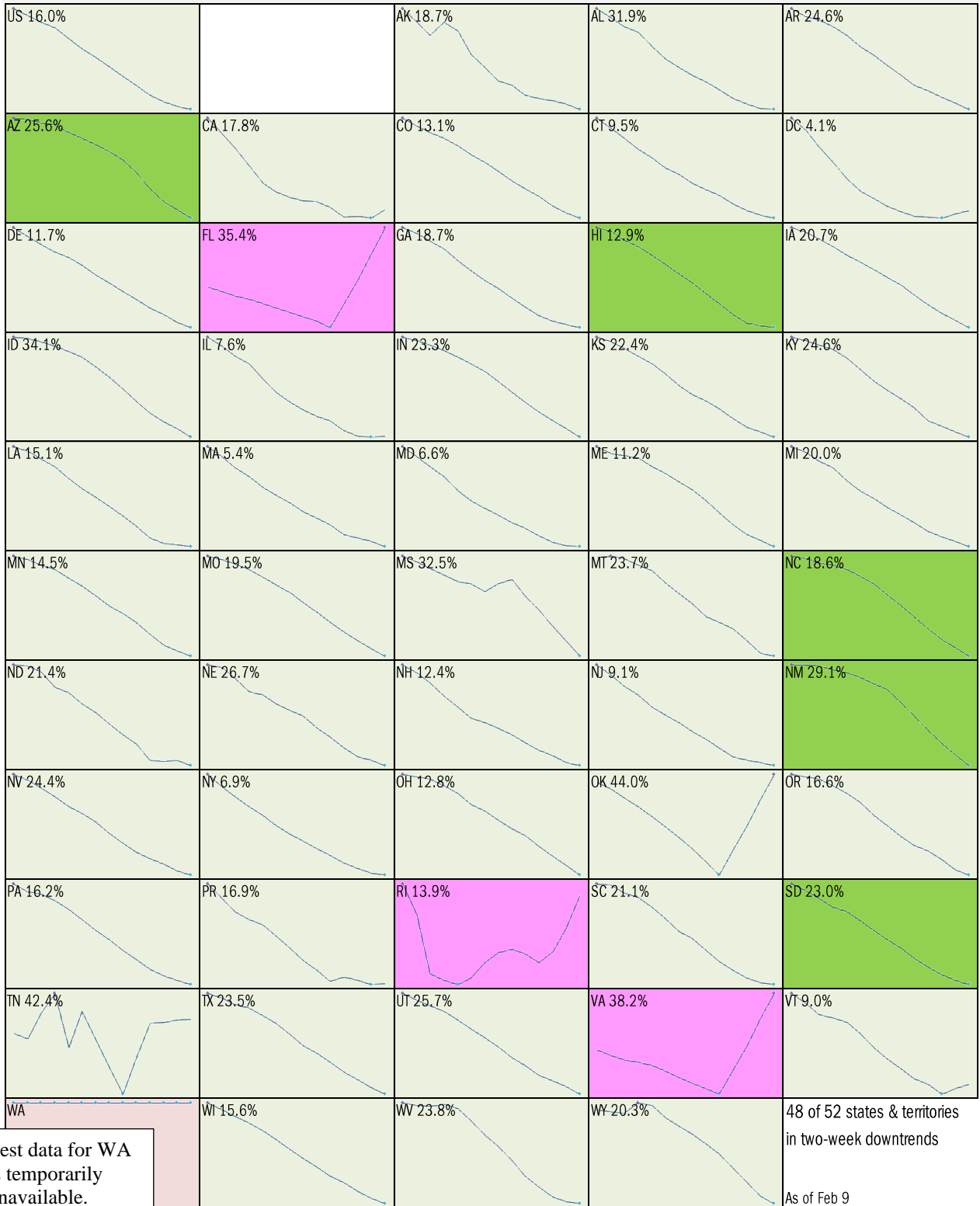


Source: [Johns Hopkins](#), TrendMacro calculations

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



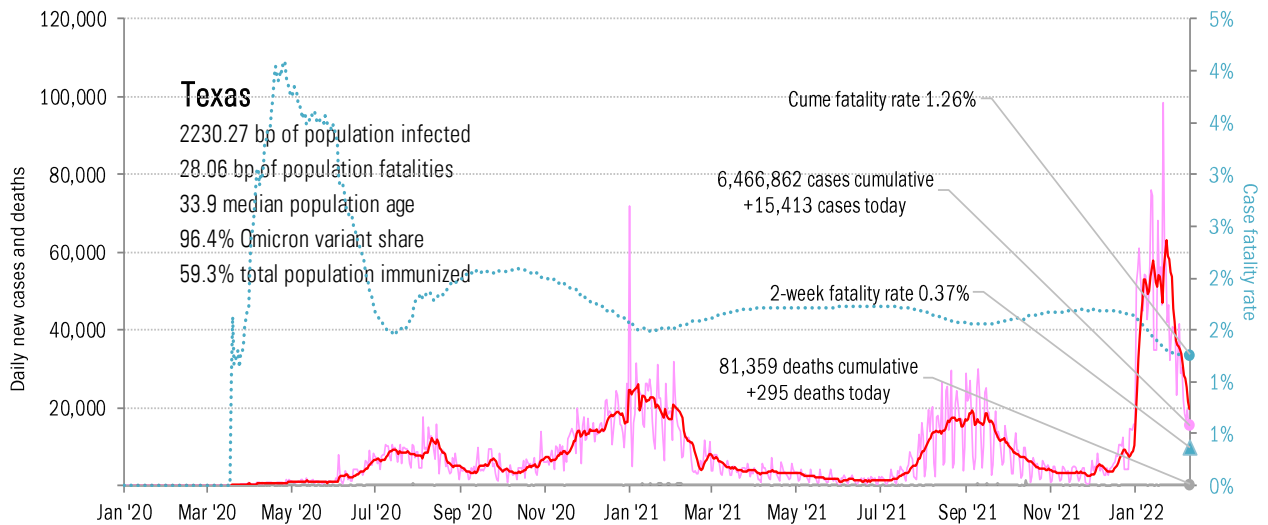
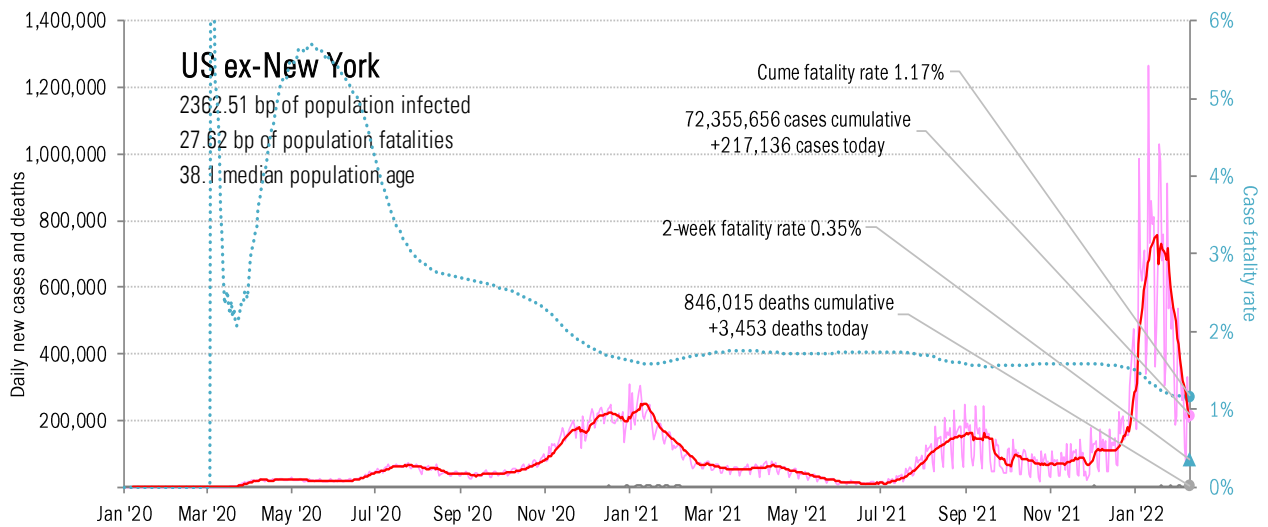
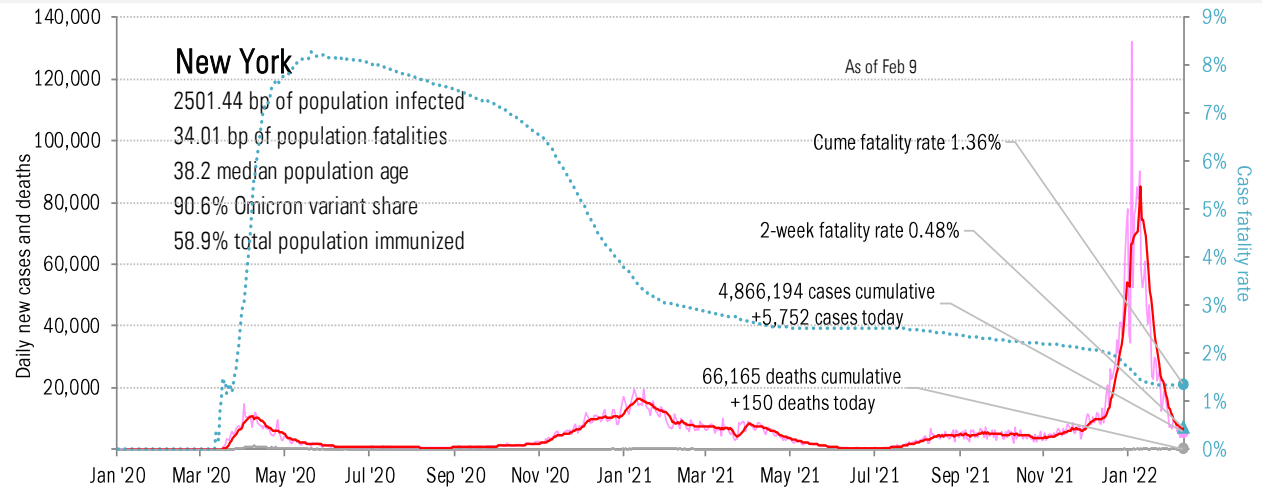
48 of 52 states & territories
in two-week downtrends
As of Feb 9

Test data for WA
is temporarily
unavailable.

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

From Ground Zero to the Rio Grande

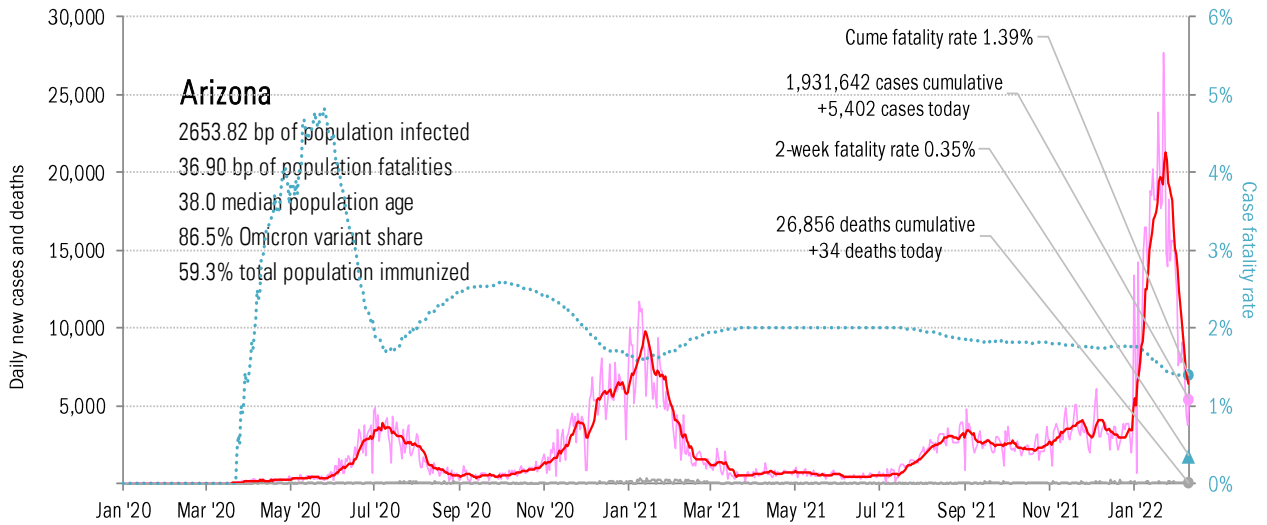
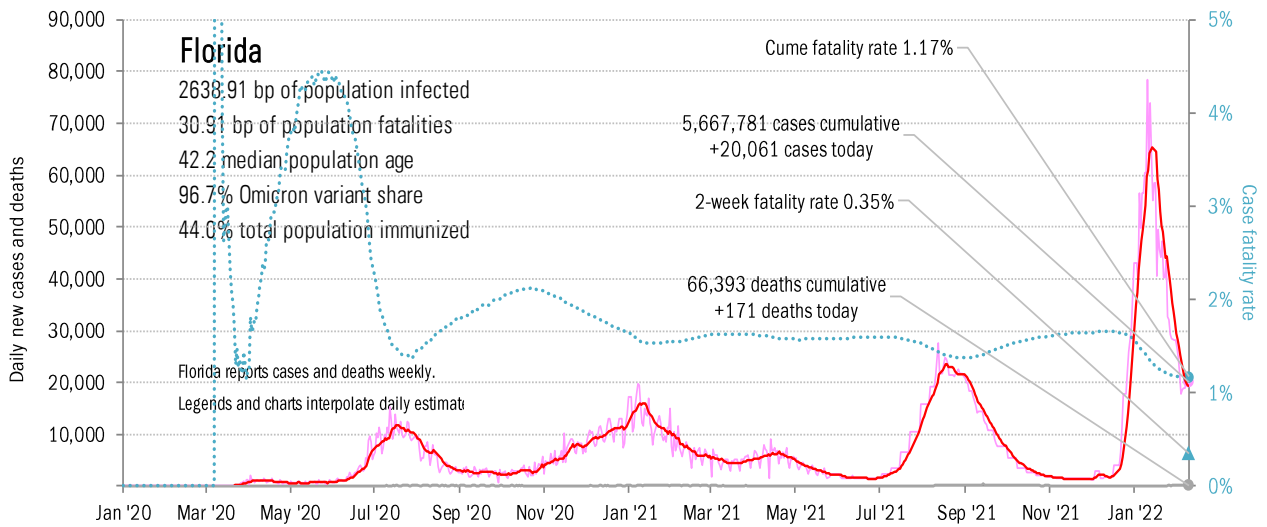
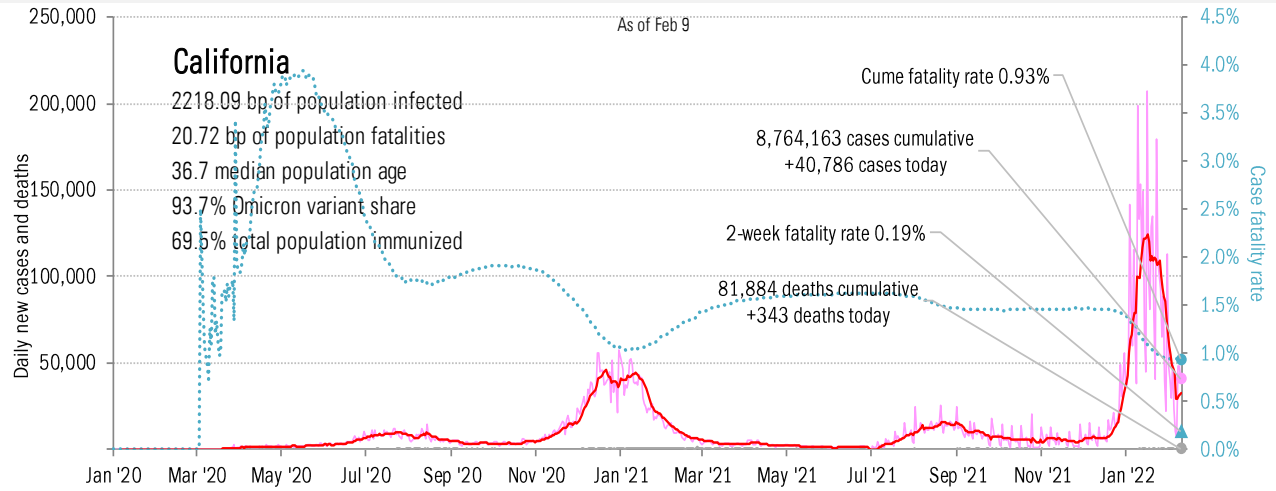
Cases: 7-day average and daily Deaths: Daily



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

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

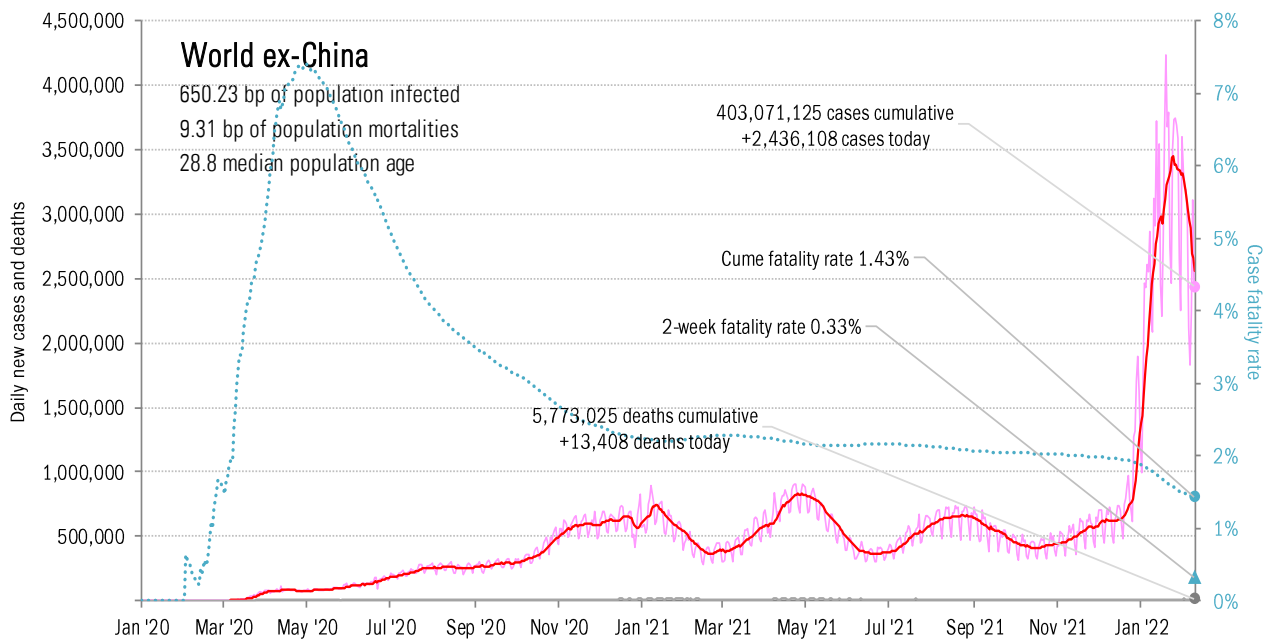
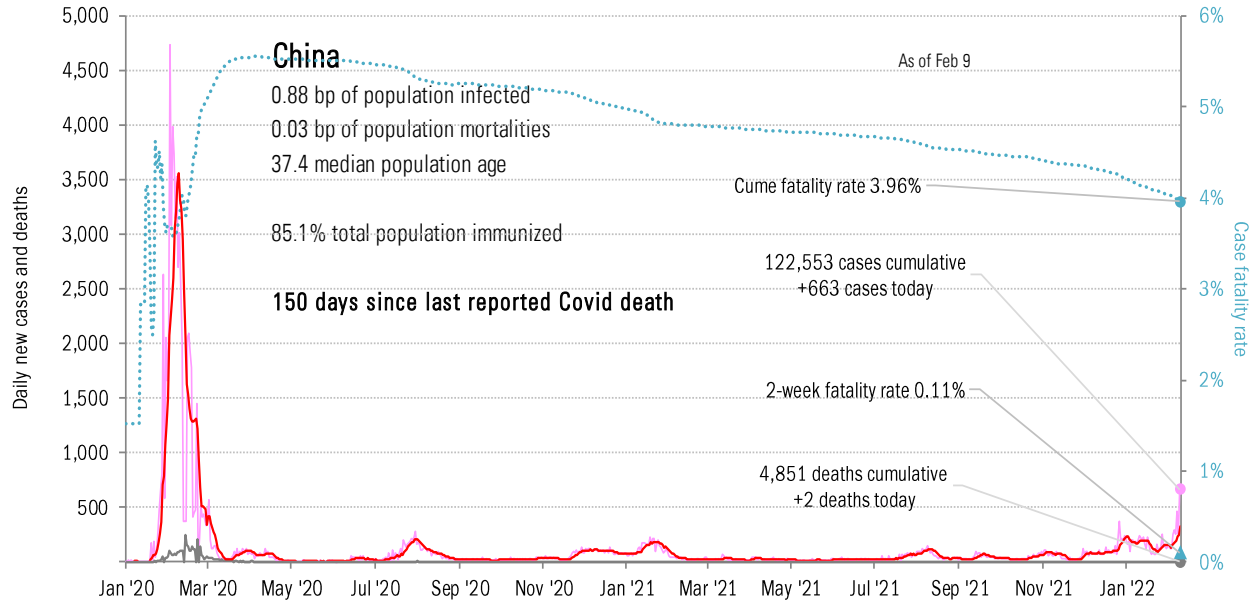
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

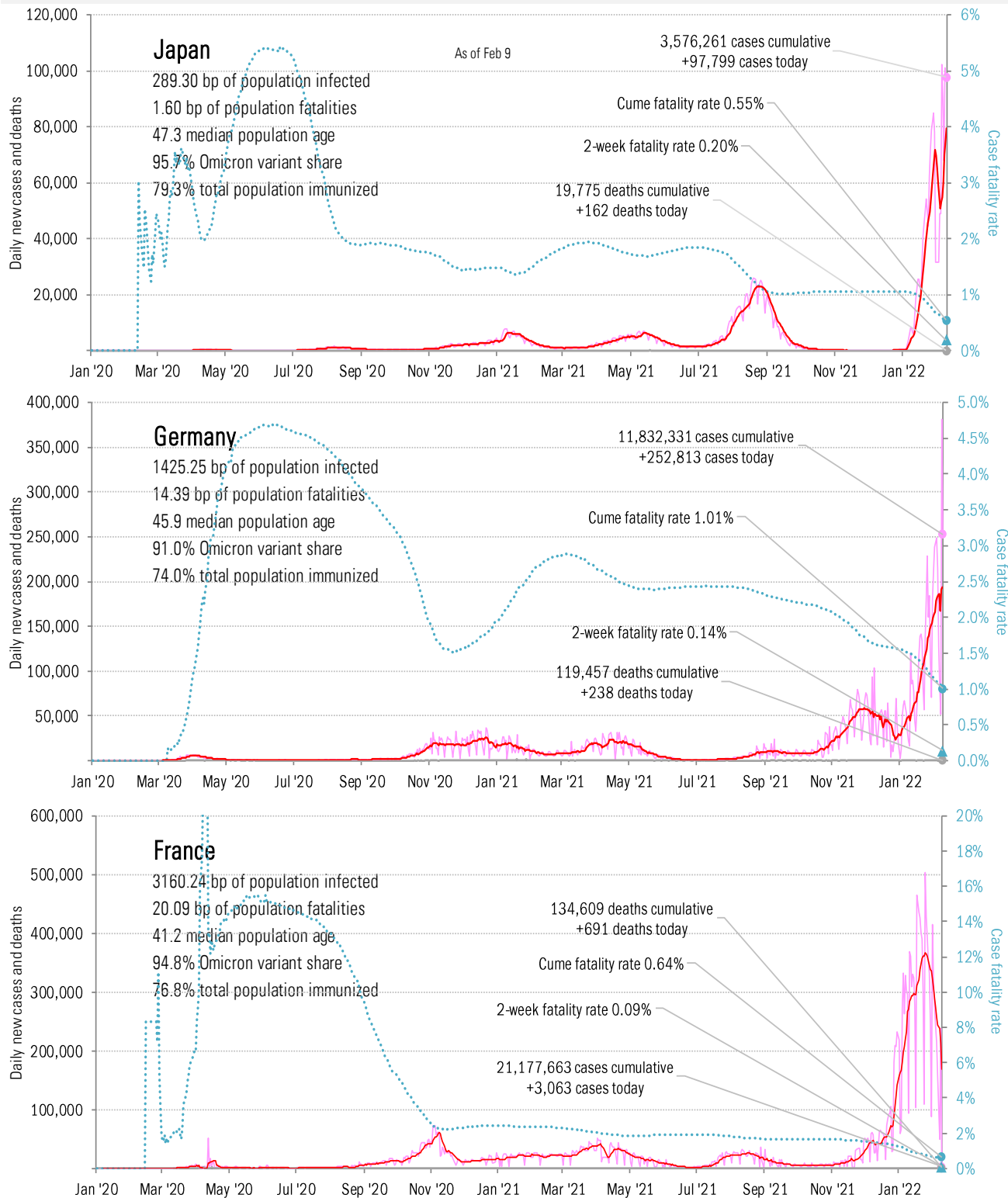
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

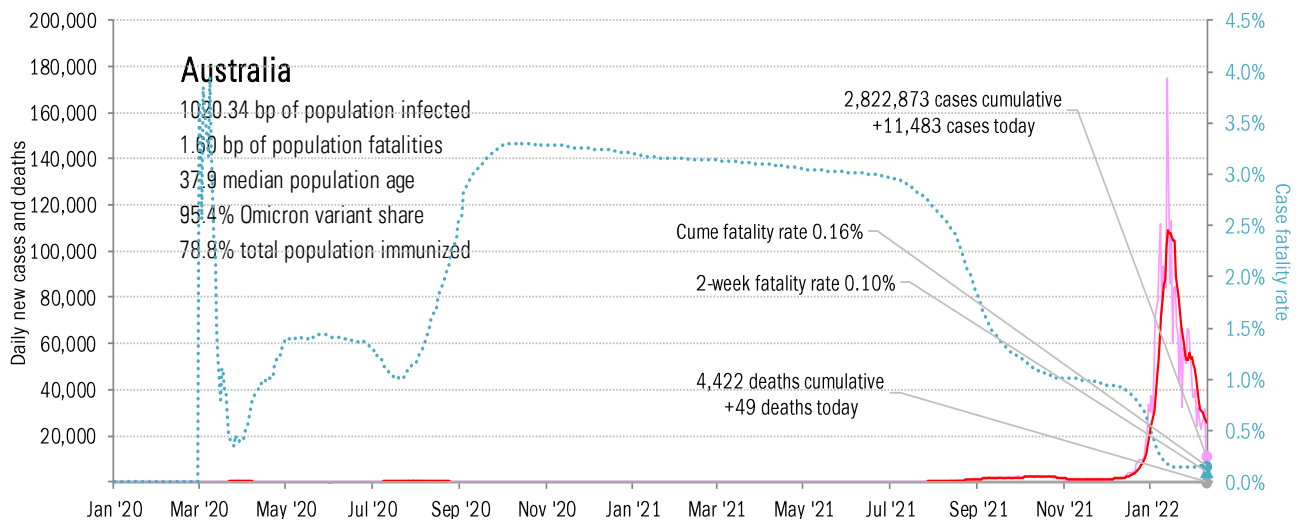
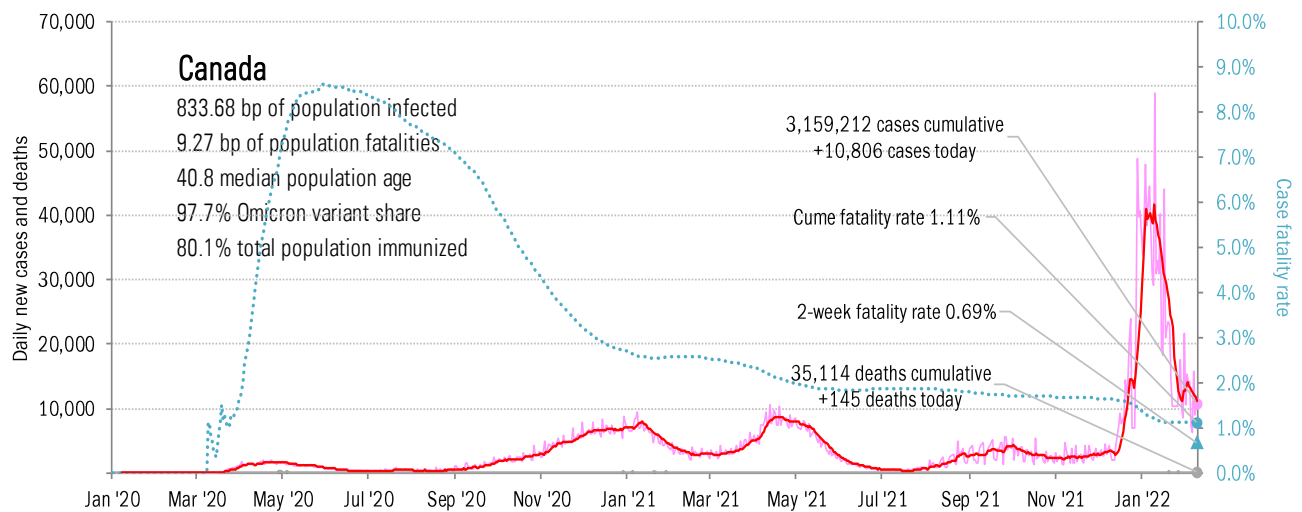
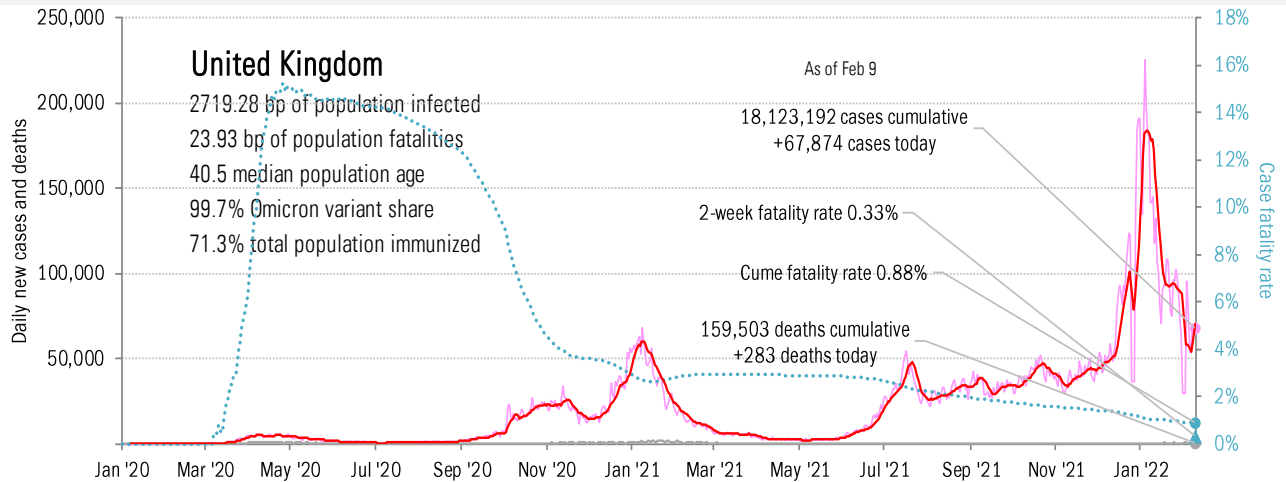
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

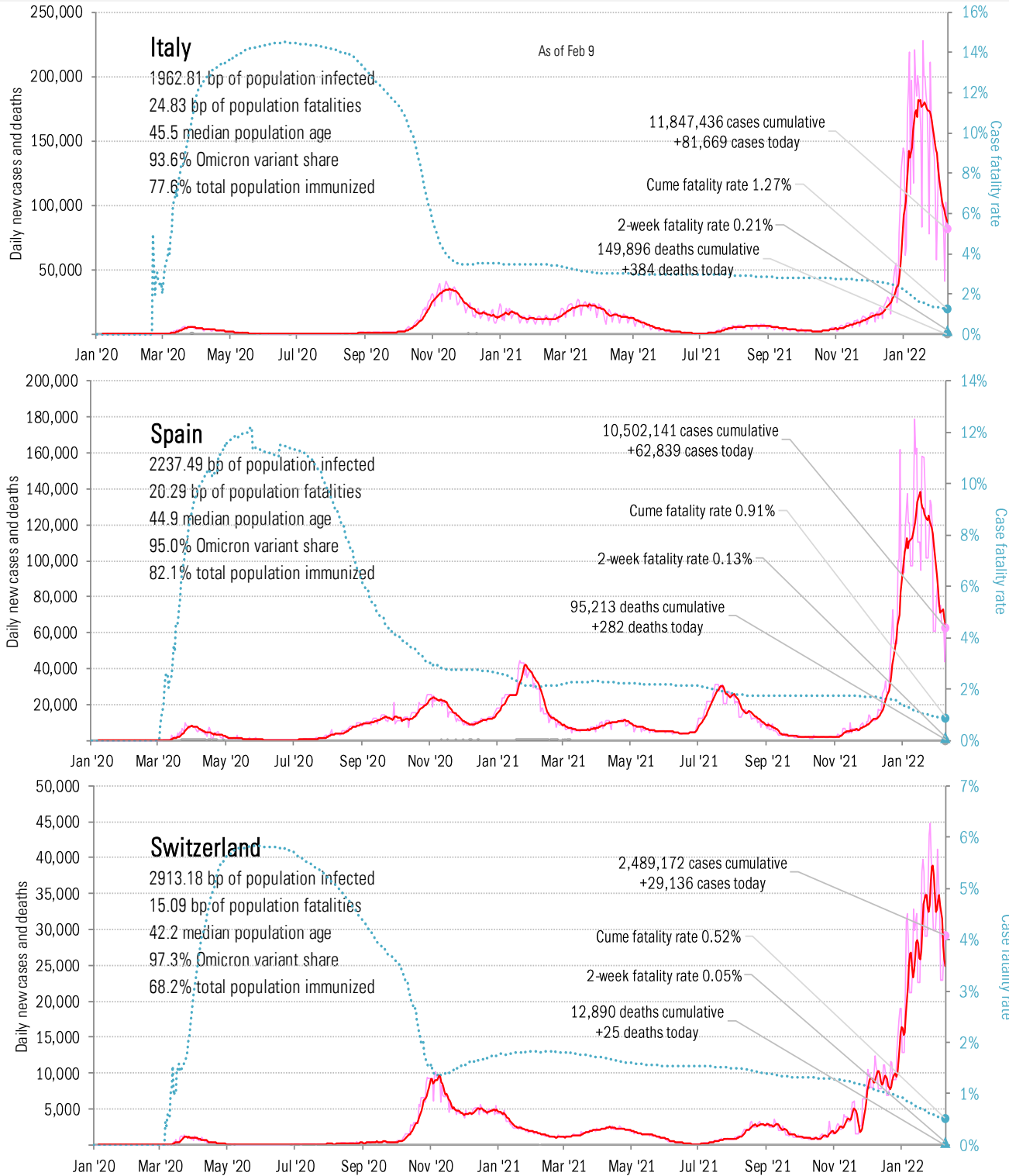
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

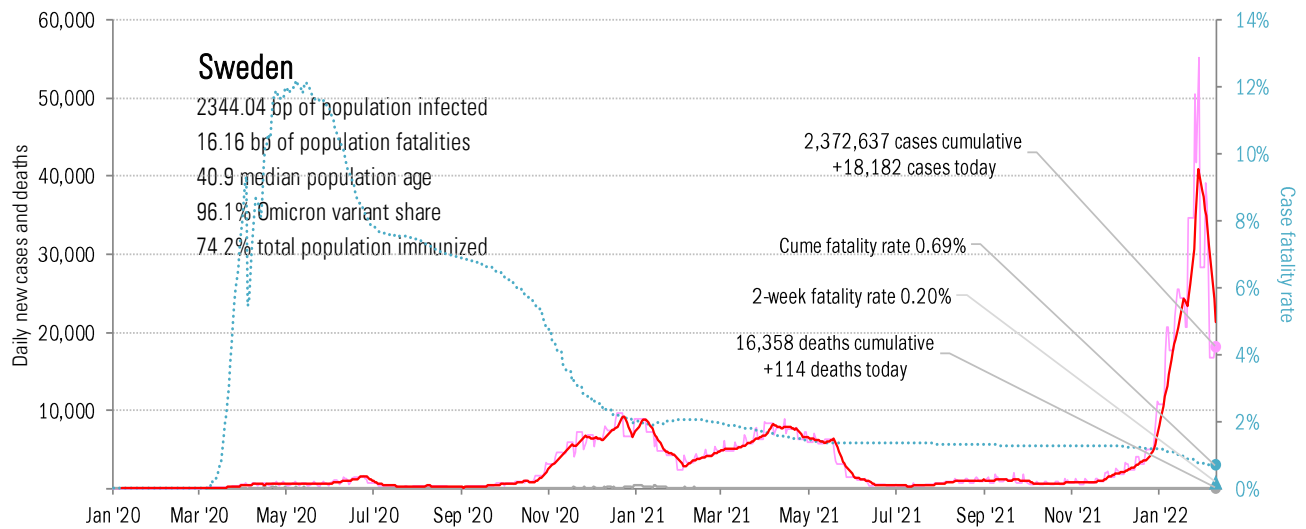
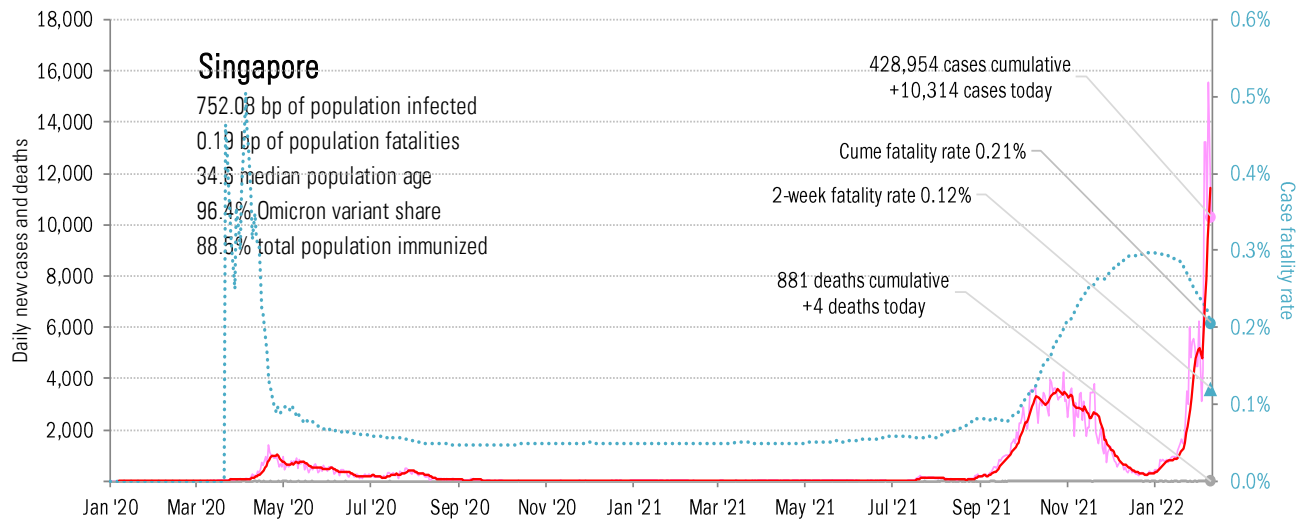
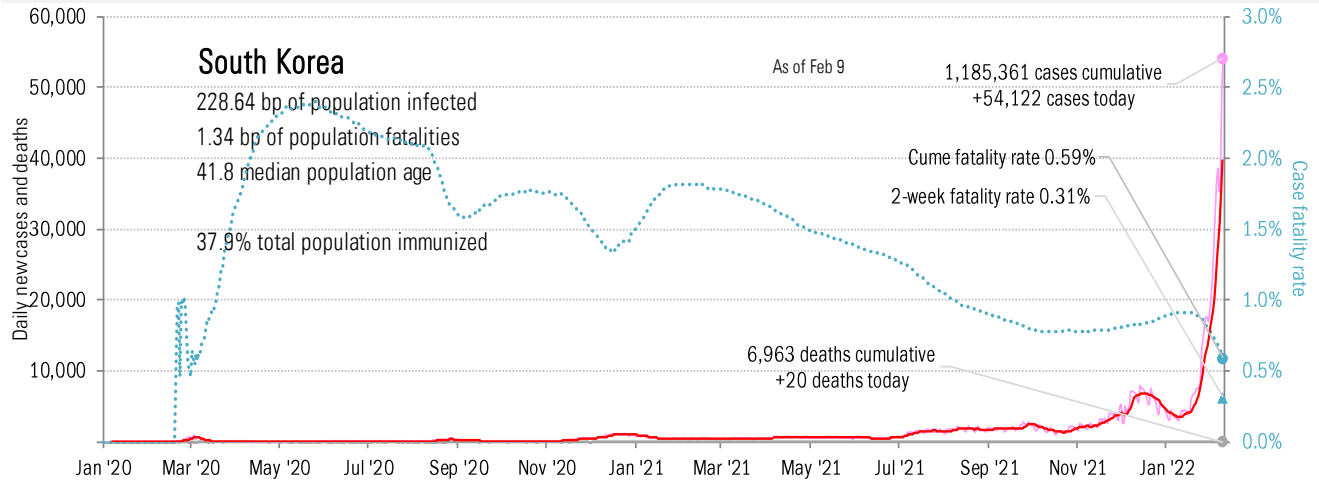
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

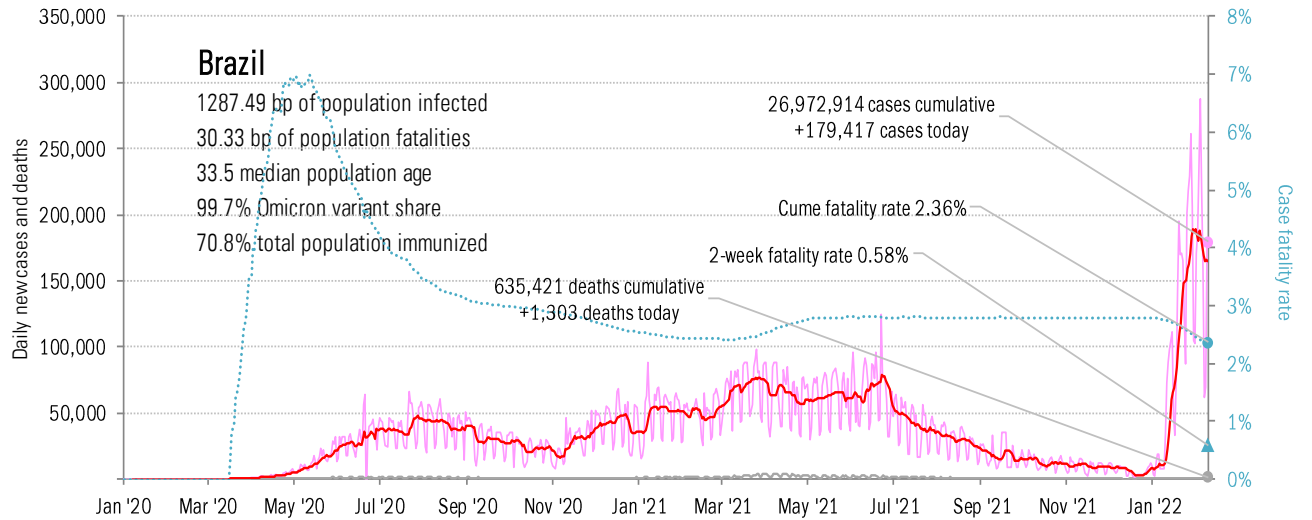
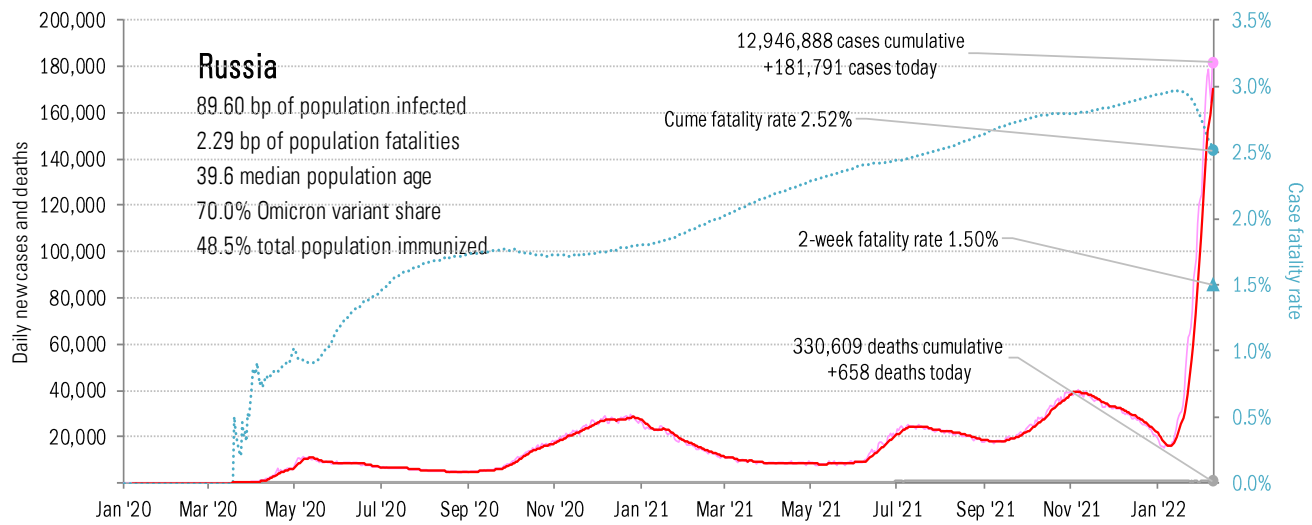
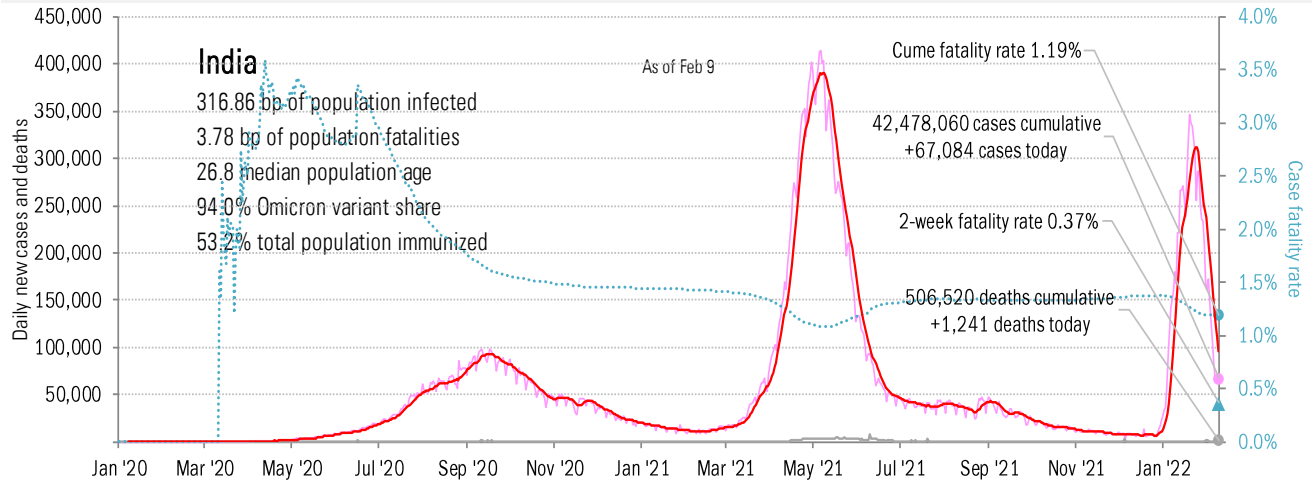
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

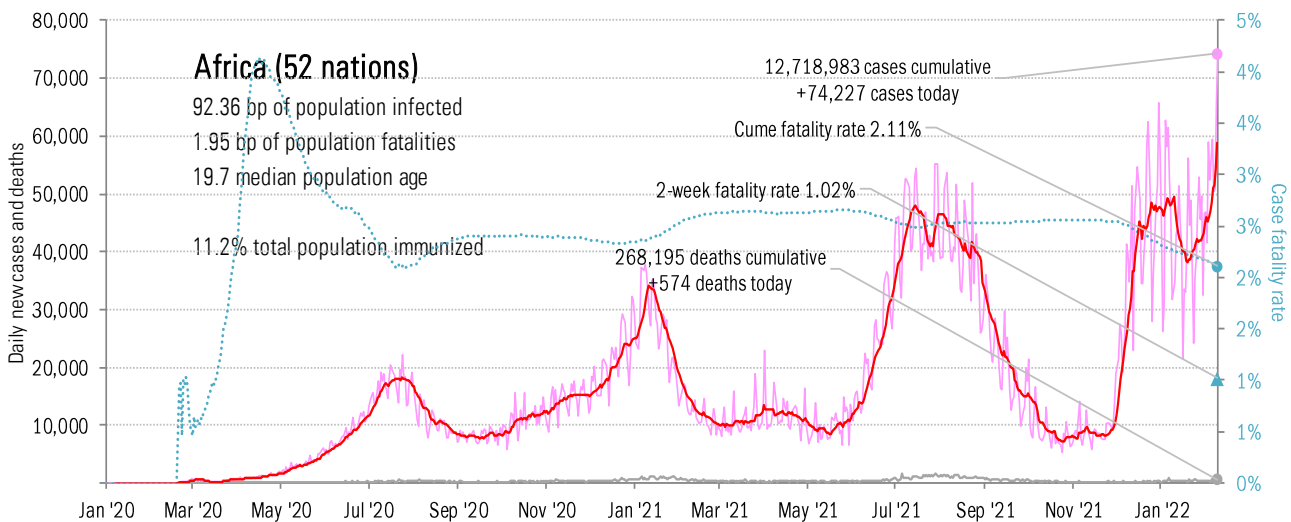
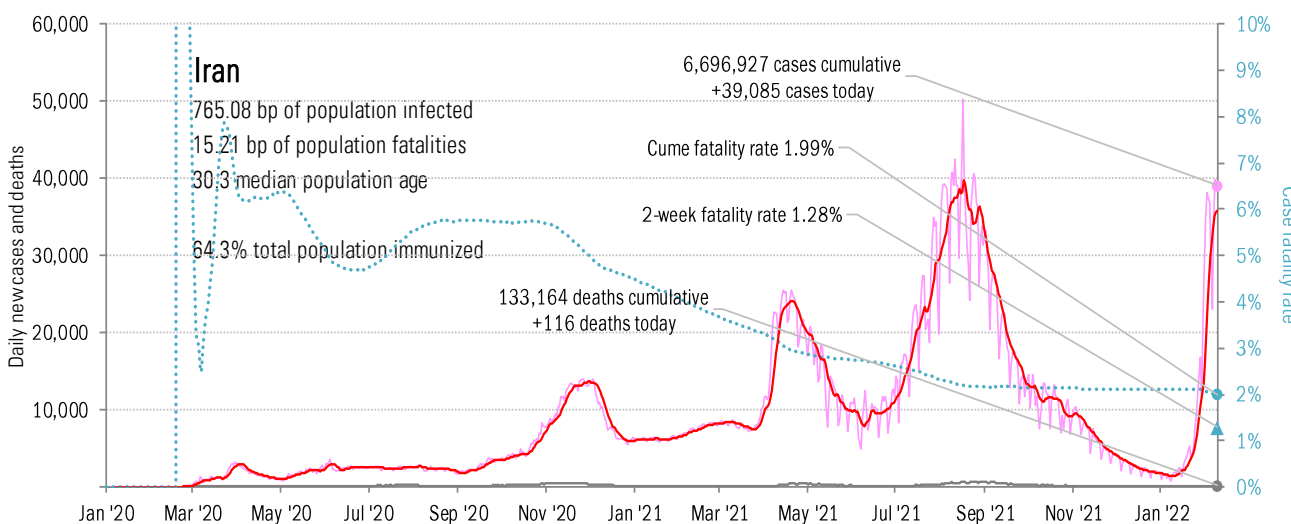
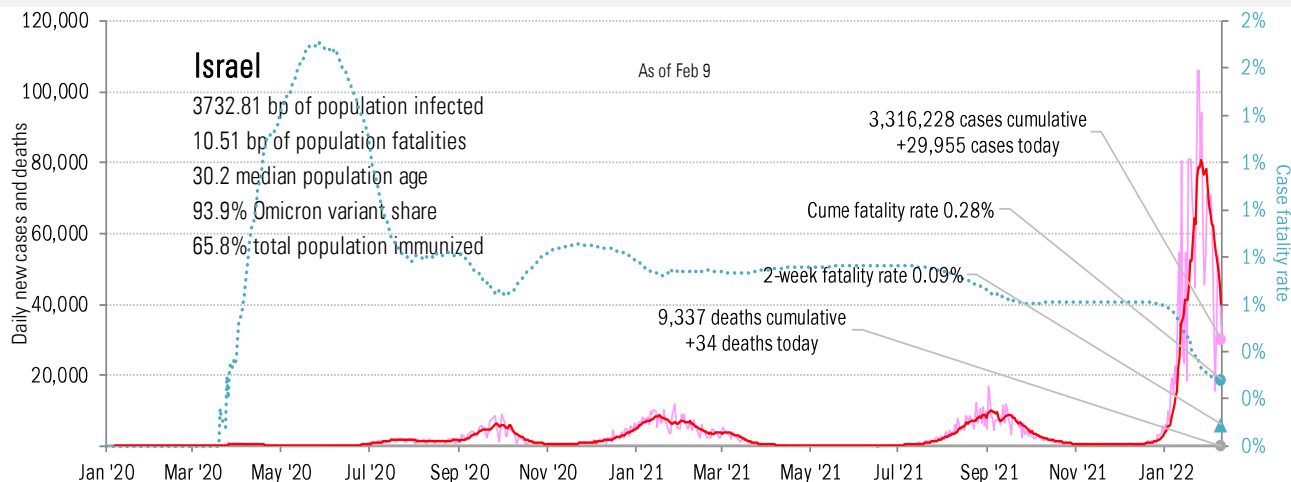
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

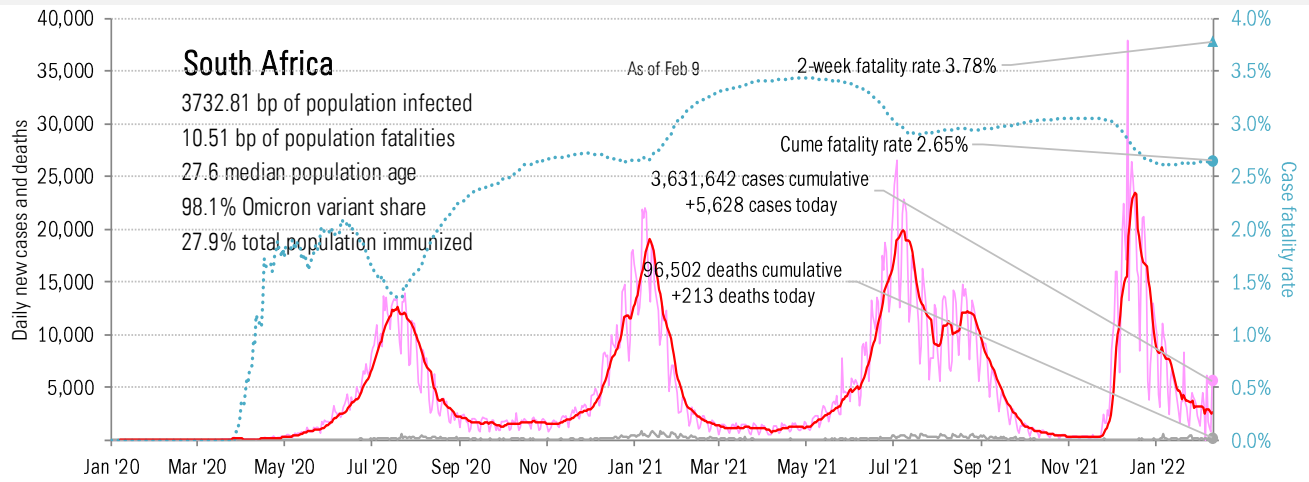
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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