

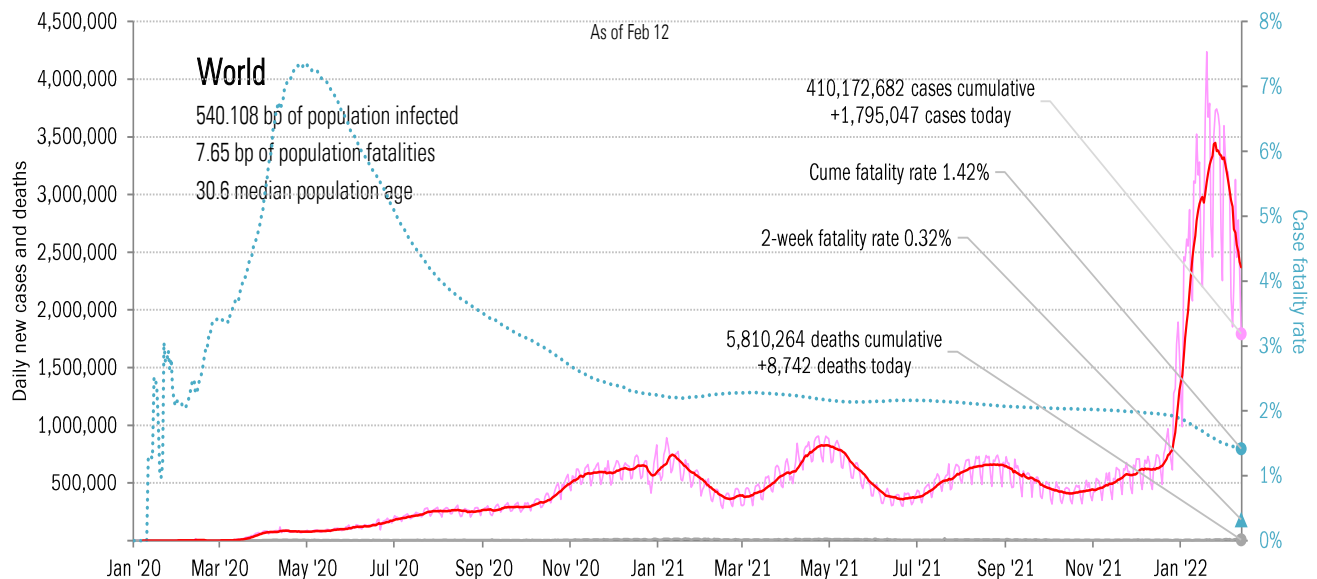
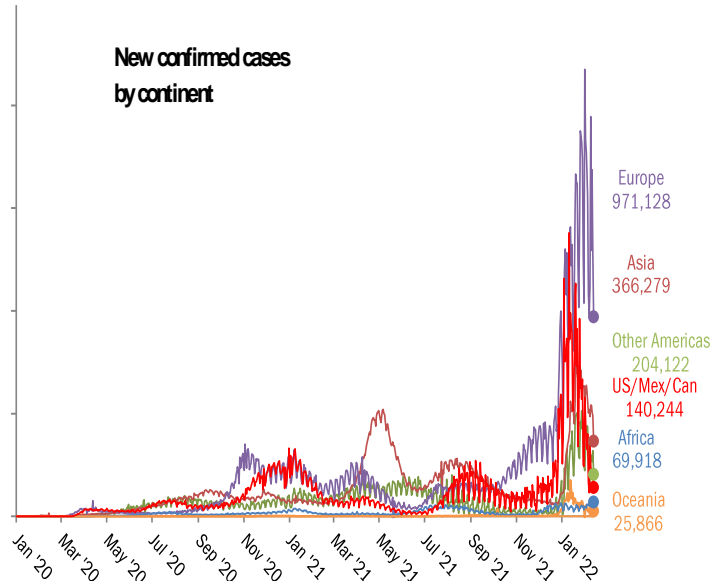
Data Insights: Covid-2019 Monitor

Sunday, February 13, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Russia	201,955	Mexico	1,143
Brazil	134,950	United States	989
France	118,621	Brazil	879
Germany	116,810	Russia	717
Turkey	86,193	India	684
United States	74,393	Poland	332
Netherlands	70,482	Ukraine	277
Japan	68,387	Turkey	272
Italy	62,221	Italy	269
Mexico	57,583	Colombia	189
991,595		5,751	
World	1,795,047	World	8,742
Top ten	55%	Top ten	66%



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

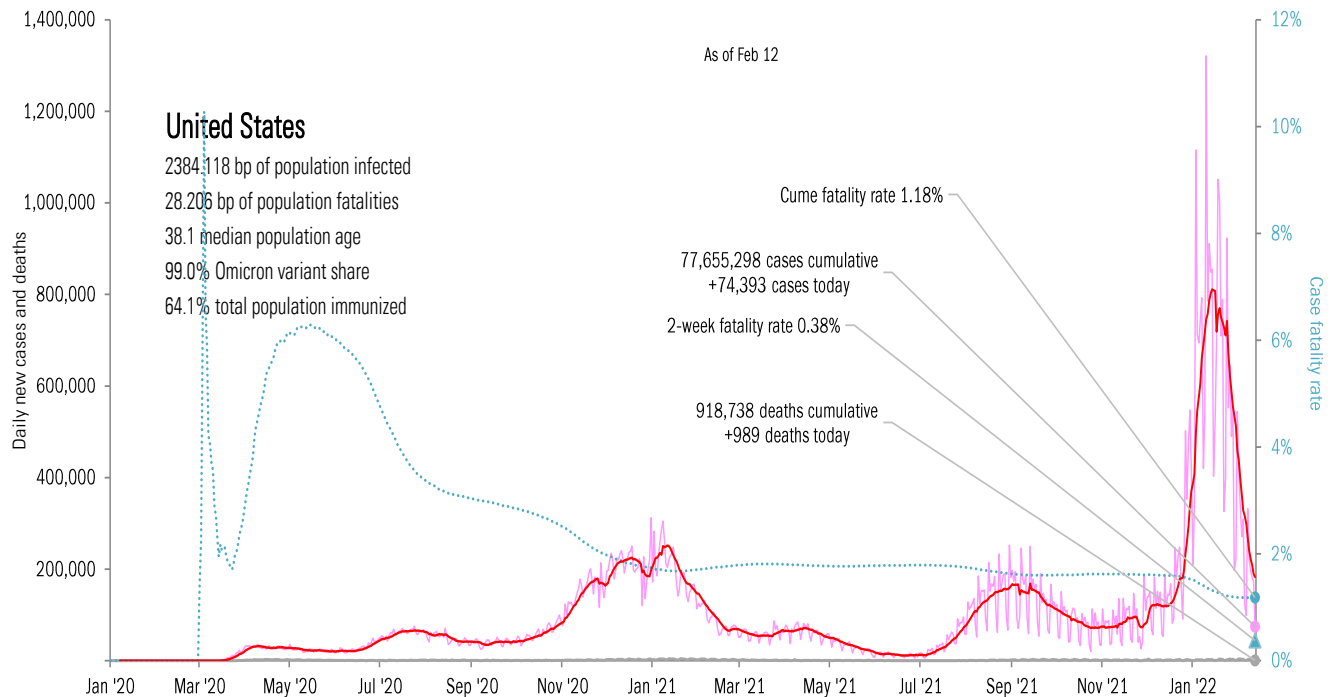
The ten worst US states

New cases			New Deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use									
FL	17,490		FL	185		KY	127		CA	8,804,417		CA	82,502		TX	471,755		MA	86%	AL	94%								
TX	11,378		TX	163		MS	9		TX	6,509,857		TX	82,060		CA	405,323		WV	86%	VT	93%								
CA	6,411		AZ	91		NE	7		FL	5,724,282		FL	67,055		FL	401,108		AZ	85%	TX	92%								
TN	5,717		CA	84		CH	7		NY	4,881,825		NY	66,431		NY	237,640		MN	85%	MS	90%								
PA	4,818		PA	69		SD	6		IL	2,987,502		PA	42,203		GA	198,121		MO	85%	KY	89%								
AZ	4,284		TN	69		AK	2		PA	2,722,395		CH	35,005		CH	185,081		PA	85%	GA	88%								
NY	3,521		AL	66		HI	2		CH	2,630,846		IL	34,228		PA	170,103		GA	85%	AR	87%								
IA	2,863		NJ	55		TN	2		NC	2,525,734		GA	34,076		IL	151,829		MD	84%	NC	86%								
AL	2,438		AR	48		ME	1		GA	2,434,131		MI	33,463		MI	135,940		WA	84%	NH	86%								
CH	2,032		DE	42		MI	1		MI	2,324,854		NJ	32,374		KY	135,886		RI	83%	ID	86%								
60,952			872			164			41,545,843			509,397			2,492,786														
All states			74,393			989			-1,827			All states			77,655,298			918,738			4,516,361			All states		70%		67%	
Top ten			82%			88%			-9%			Top ten			53%			56%			55%			Median		80%		80%	

Some states not reporting

Five most improved US states

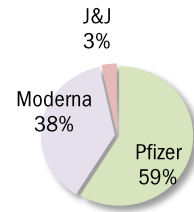
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
WA	-19,570	CA	-212	WI	-61	FR	+30 bp
MI	-7,983	MI	-177	IA	-38	PA	+20 bp
NC	-7,539	AZ	-126	MO	-29	AK	+10 bp
AZ	-5,876	WA	-122	MT	-27	AR	+10 bp
MN	-4,846	GA	-117	NV	-27	AZ	+10 bp



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	560,328,483		+0.652 million	US	64.1%	75.9%
Boosters	92,615,078		+0.292 million	UK	71.4%	77.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	259,492,956	78%	219,820,982	66%	+0.174 million	France 77.0% 79.9%
Age 12 to 17	17,146,003	68%	14,537,310	57%	+0.018 million	Spain 82.1% 87.7%
Age 18 to 64	175,021,242	86%	148,167,334	73%	+0.088 million	Germany 74.1% 75.4%
Age 65 and over	58,084,014	100%	50,214,482	92%	+0.010 million	Italy 77.6% 83.7%
						Australia 79.0% 85.0%
						Israel 65.8% 72.1%
						Canada 80.3% 85.3%
						Japan 79.3% 80.5%
						Africa 11.2% 16.6%
						India 53.8% 68.7%
						Brazil 71.1% 81.4%
						China 85.1% 87.7%



AK	68.2%
	60.0%

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

Best
Middle
Worst

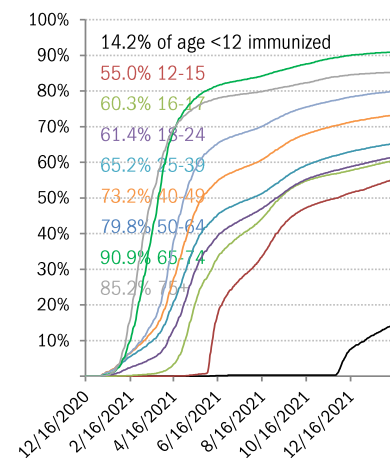
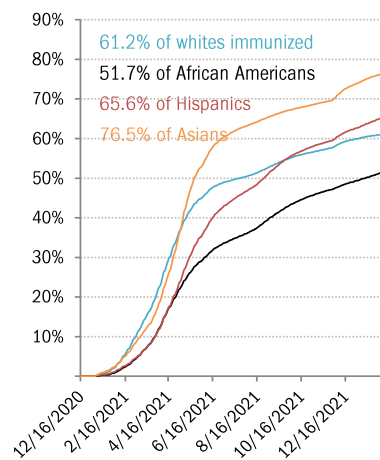
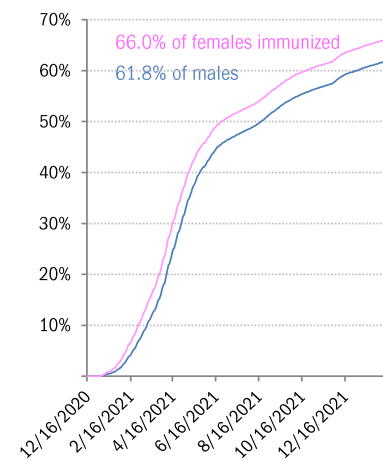
Immunity = two doses

As of Feb 12

Global data differs due to sources, timing

					WI					ME
					70.8%					88.9%
					64.1%					78.0%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
79.3%	59.9%	64.1%	64.3%	74.0%	75.5%	65.7%		88.3%	92.5%	95.0%
70.5%	52.6%	55.6%	54.2%	67.6%	66.7%	58.7%		74.9%	79.8%	69.3%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
76.6%	73.5%	57.7%	74.5%	67.0%	60.3%	62.6%	82.8%	88.3%	95.0%	
68.3%	59.1%	50.3%	59.4%	60.8%	53.6%	57.2%	66.5%	73.6%	77.1%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
81.2%	70.7%	77.9%	69.1%	65.0%	65.0%	63.9%	84.0%	84.3%	93.3%	95.0%
69.7%	62.6%	68.7%	62.1%	54.7%	56.1%	56.5%	71.4%	73.3%	77.3%	79.8%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	70.9%	85.2%	72.9%	65.4%	61.0%	81.7%	66.0%	94.2%	81.2%	
	59.5%	69.0%	59.6%	53.1%	53.1%	58.9%	55.3%	70.7%	66.9%	
			OK	LA	MS	AL	GA			
			69.6%	59.9%	58.5%	61.6%	64.0%			
			55.6%	52.2%	50.5%	49.8%	53.3%			
			TX					FL		PR
			70.3%					77.6%		94.4%
			59.4%					65.5%		80.5%
HI										
85.7%										
76.5%										

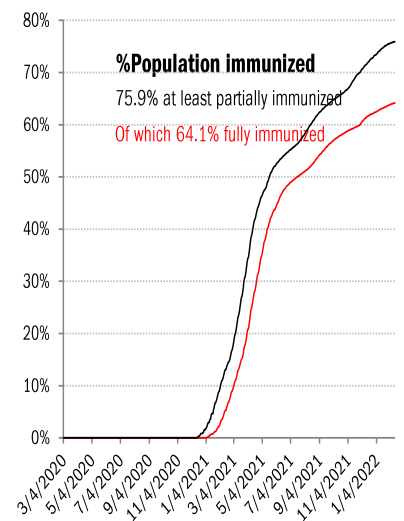
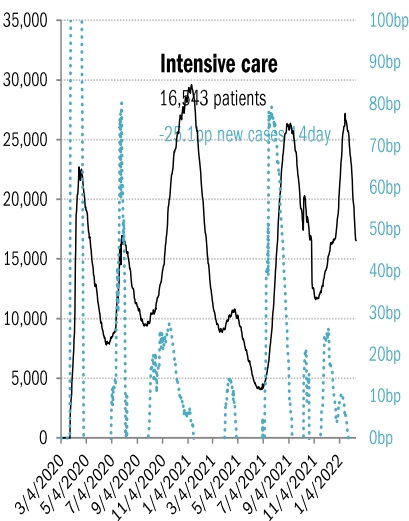
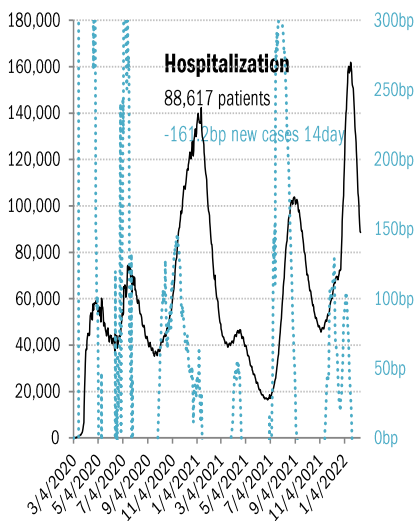
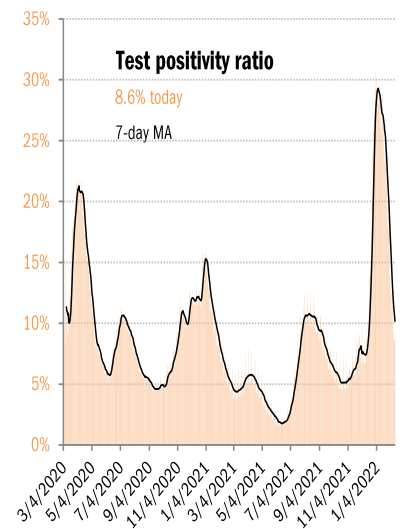
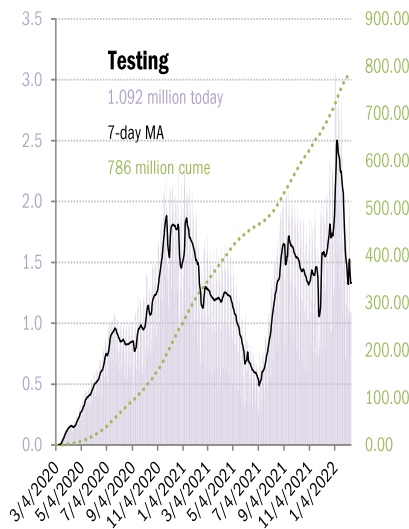
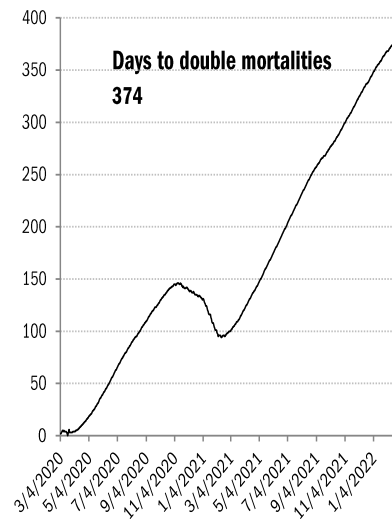
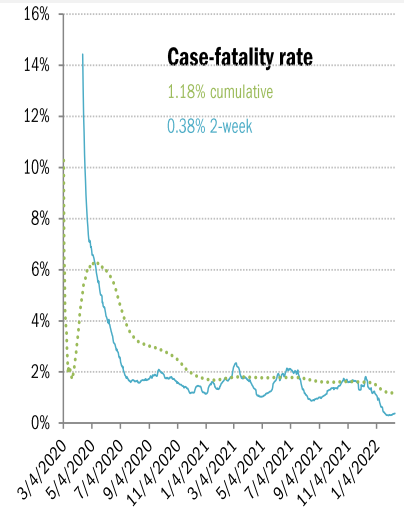
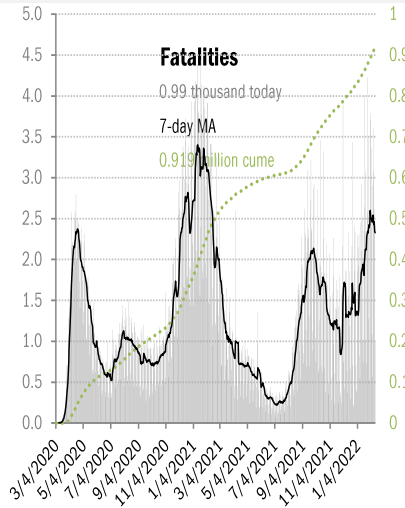
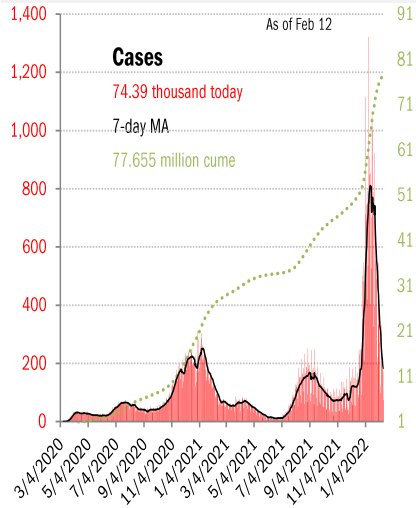
The demographics of US vaccination



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

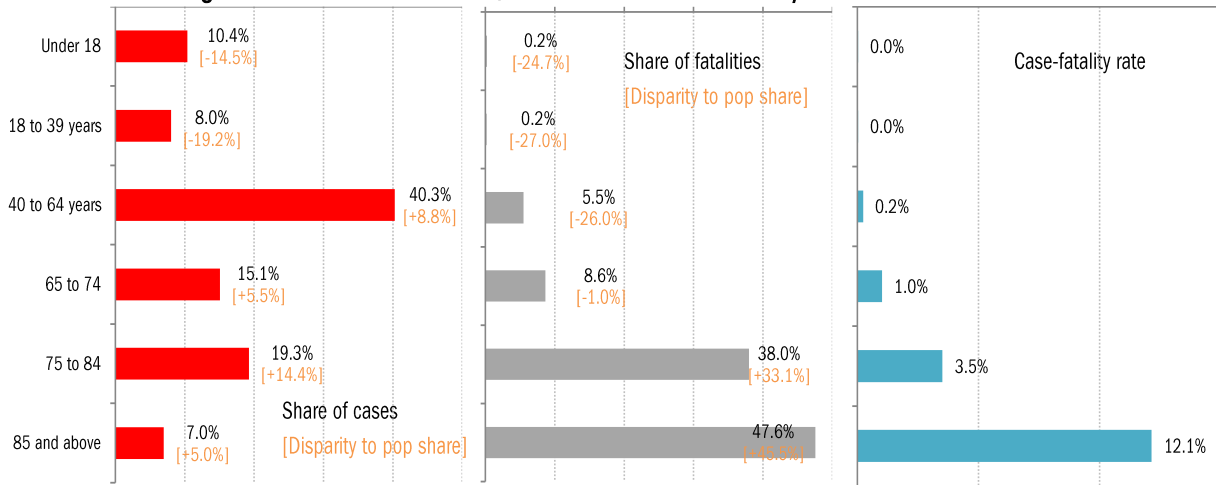
US deep-dive

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

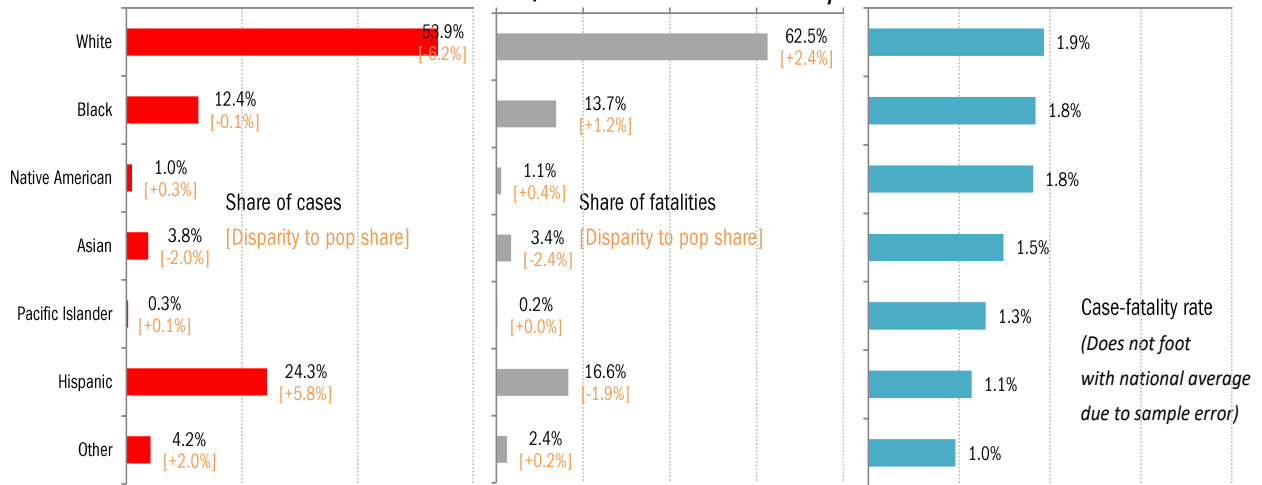


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

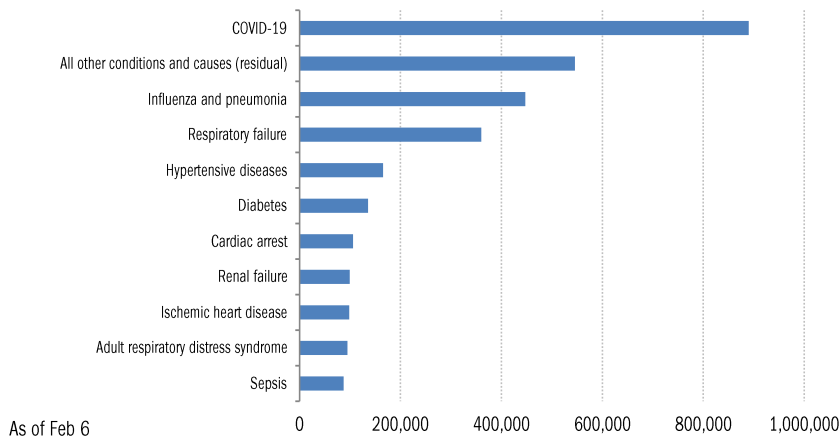


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[Former EcoHealth Alliance Official Calls NGO a 'CIA Front Organization,' Calls Peter Daszak a 'Sociopath'](#)

Debra Heine
American Greatness
February 11, 2022

[Counting on 'Endemic': The Travel Industry Readies for a New Phase](#)

Ceylan Yeginsu
New York Times
February 6, 2022

[Rare hemorrhagic fever found in Britain for the first time in more than a decade](#)

UPI
February 10, 2022

['I Had Never Felt Worse': Long Covid Sufferers Are Struggling With Exercise](#)

Melinda Wenner Moyer
New York Times
February 12, 2022

[Dr. Li-Meng Yan Reveals CCP Plans to Spread Hemorrhagic Fever Bioweapon Via Olympics, and She Shares the Cure](#)

JD Rucker
America First Report
February 12, 2022

[In Ottawa Protests, a Pressing Question: Where Were the Police?](#)

Catherine Porter
New York Times
February 12, 2022

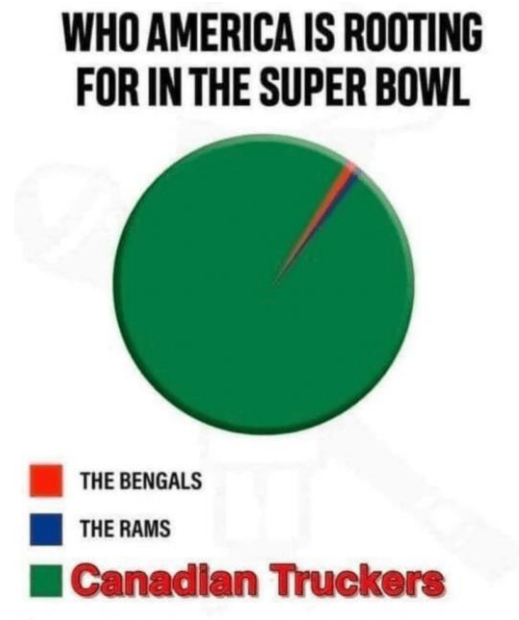
[Largest Owner of Spotify Stock Also Largest Owner of Moderna Stock](#)

Peter D'Abrosca
Tennessee Star
February 11, 2022

['This could cost him his job': A blockaded Canada turning on Trudeau, poll finds](#)

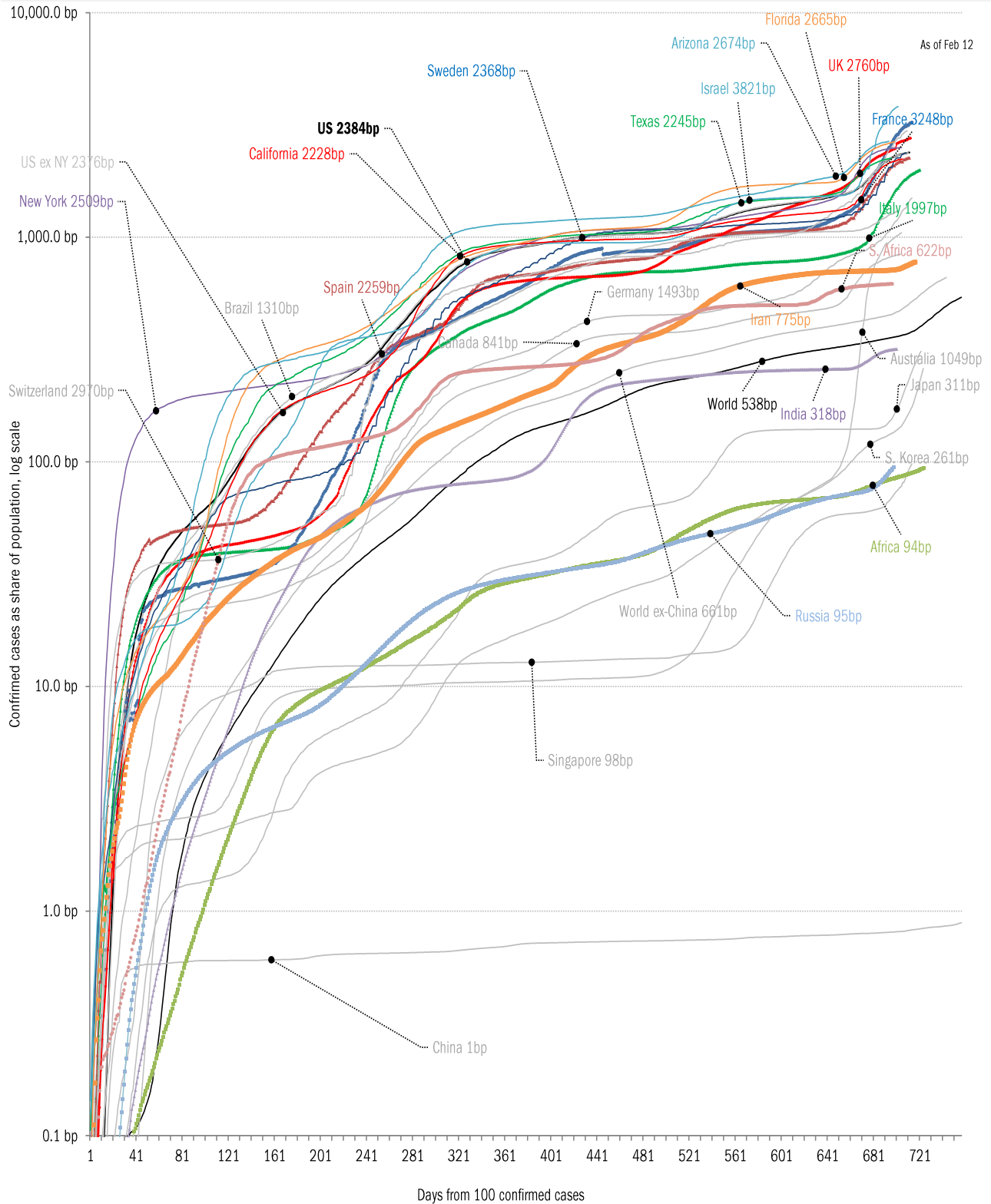
Tristin Hopper
National Post
February 12, 2021

Meme of the day



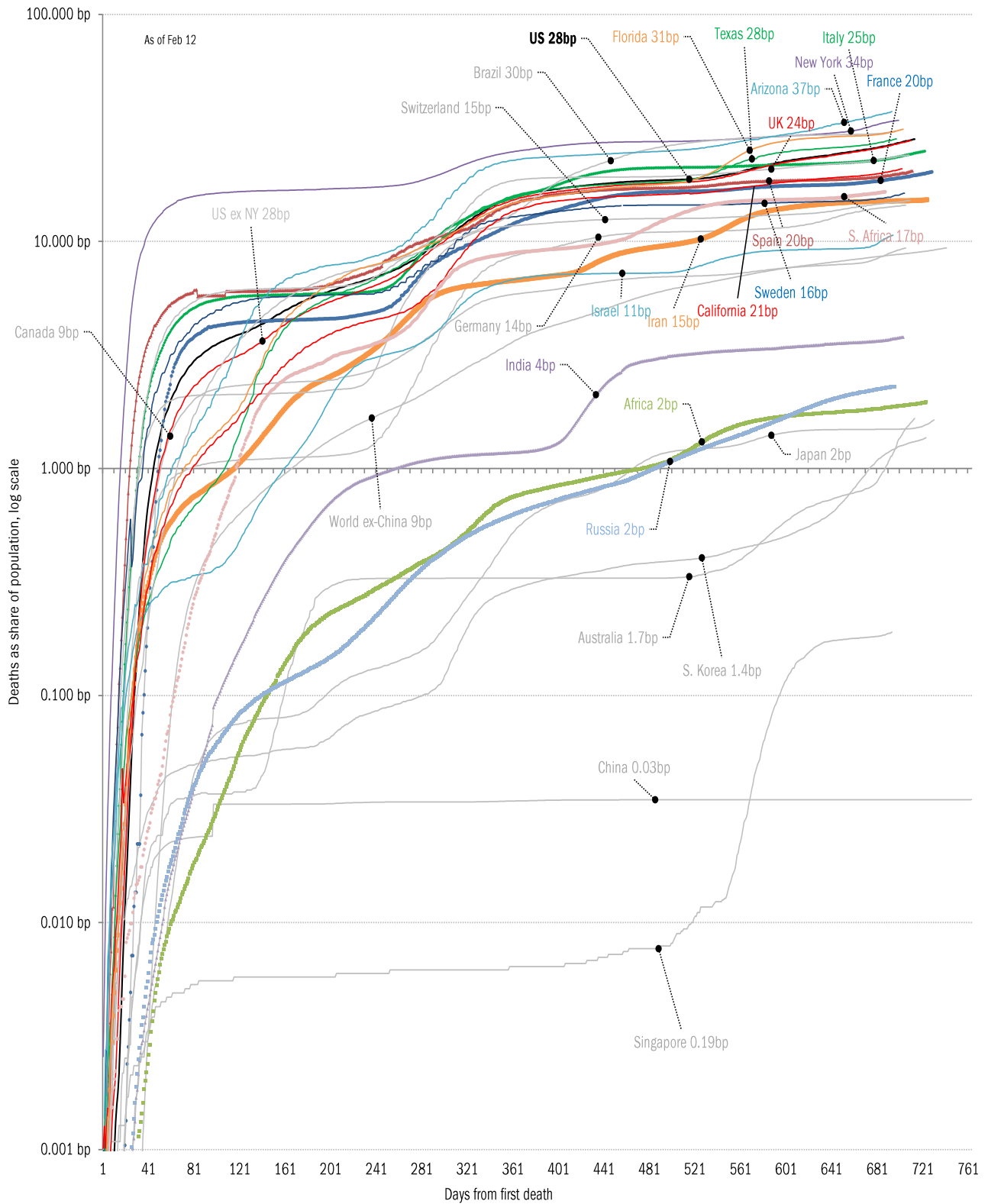
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

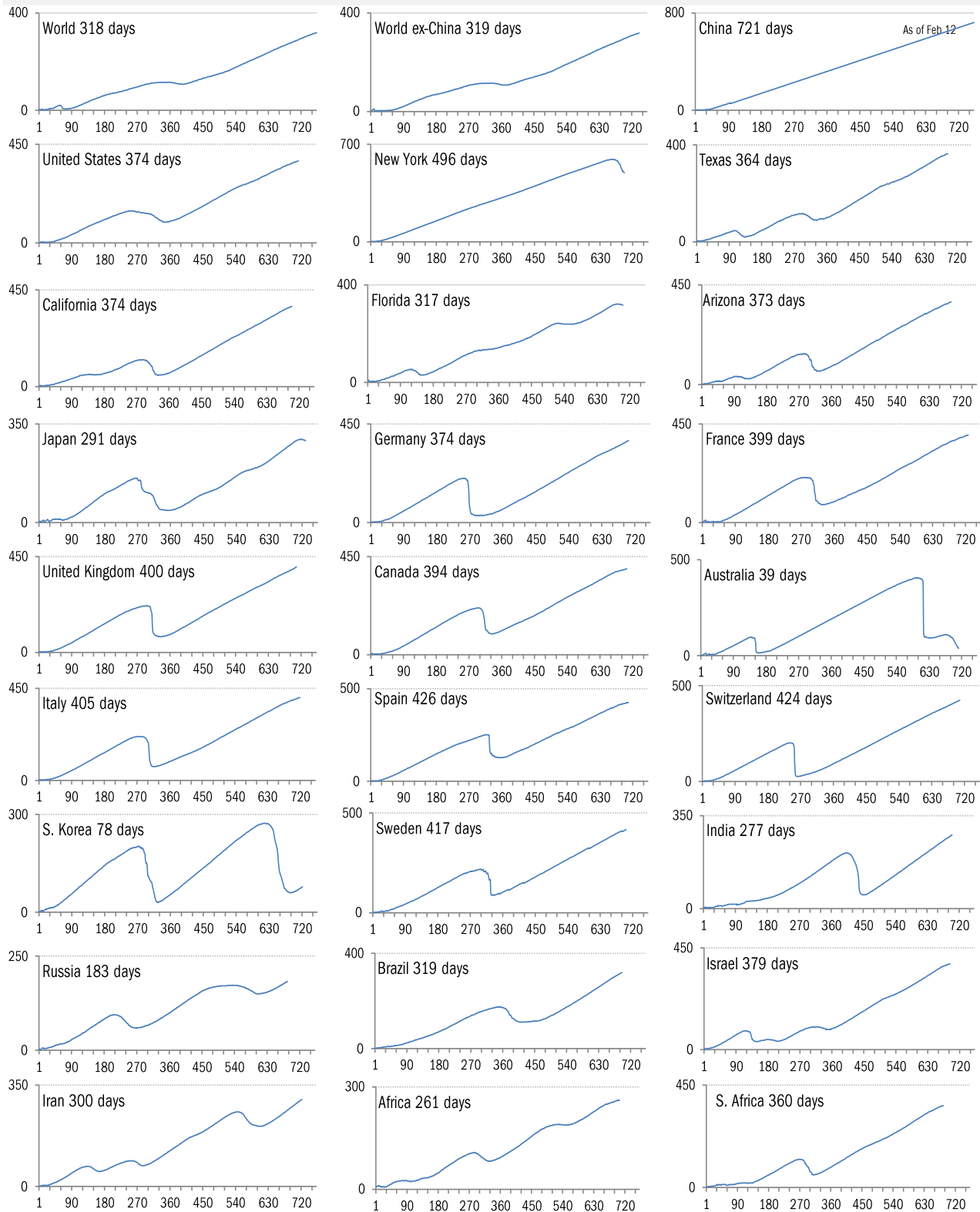


Source: [Johns Hopkins](#), TrendMacro calculations

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

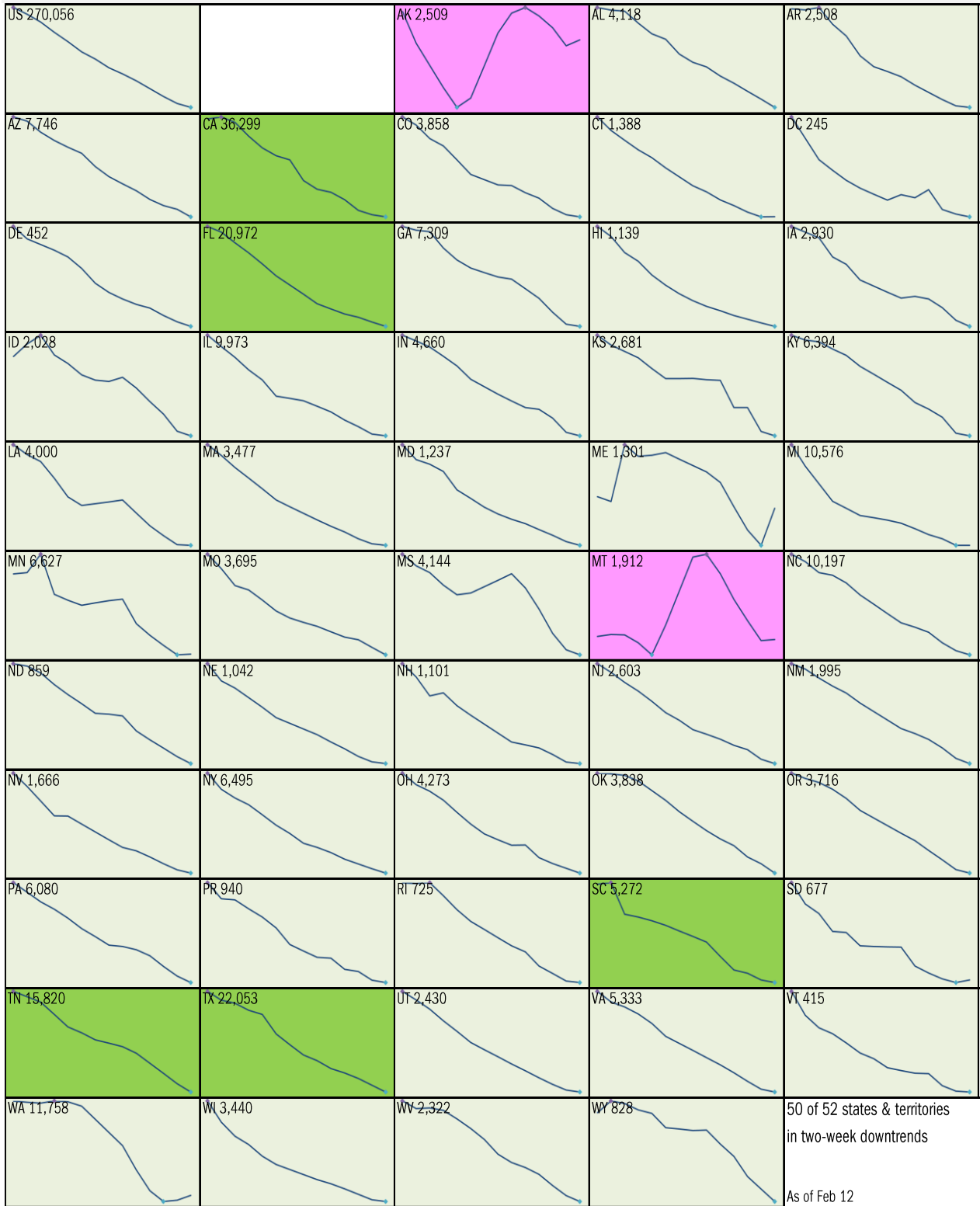
Vertical: days to double deaths Horizontal: days from first death

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

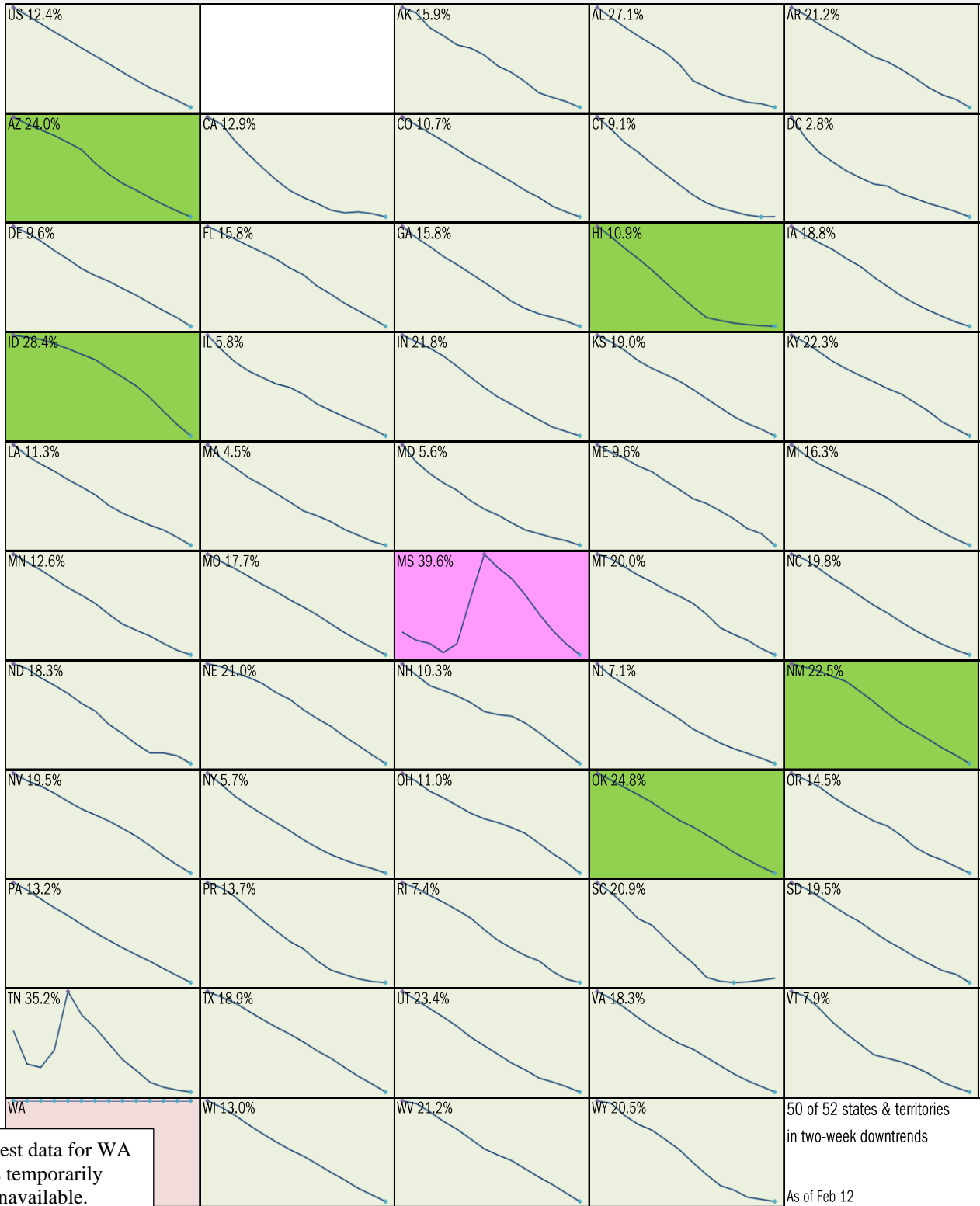


Source: [Johns Hopkins](#), TrendMacro calculations

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



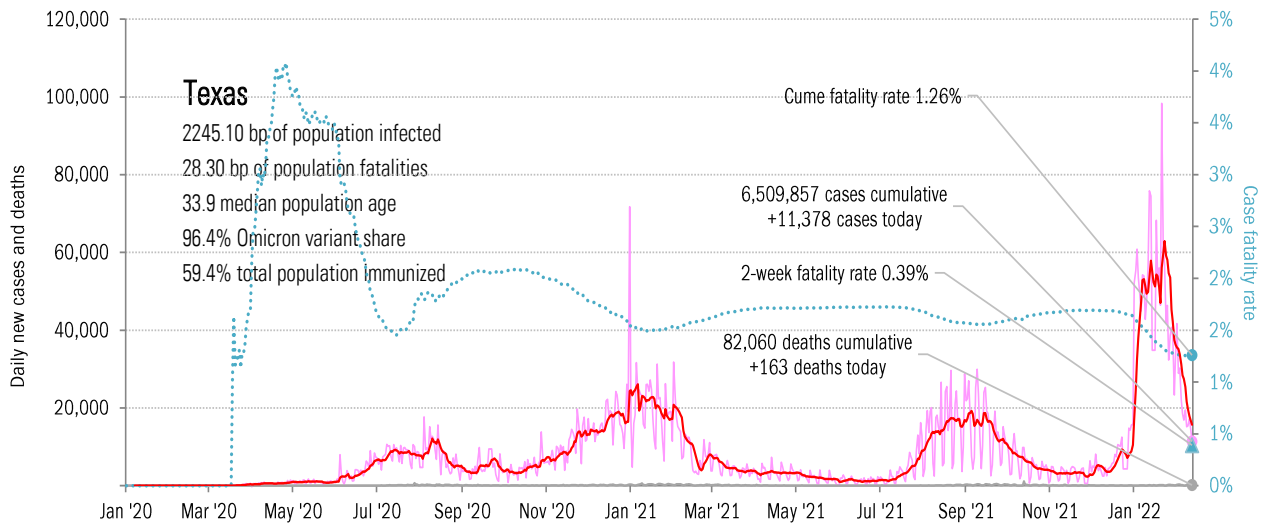
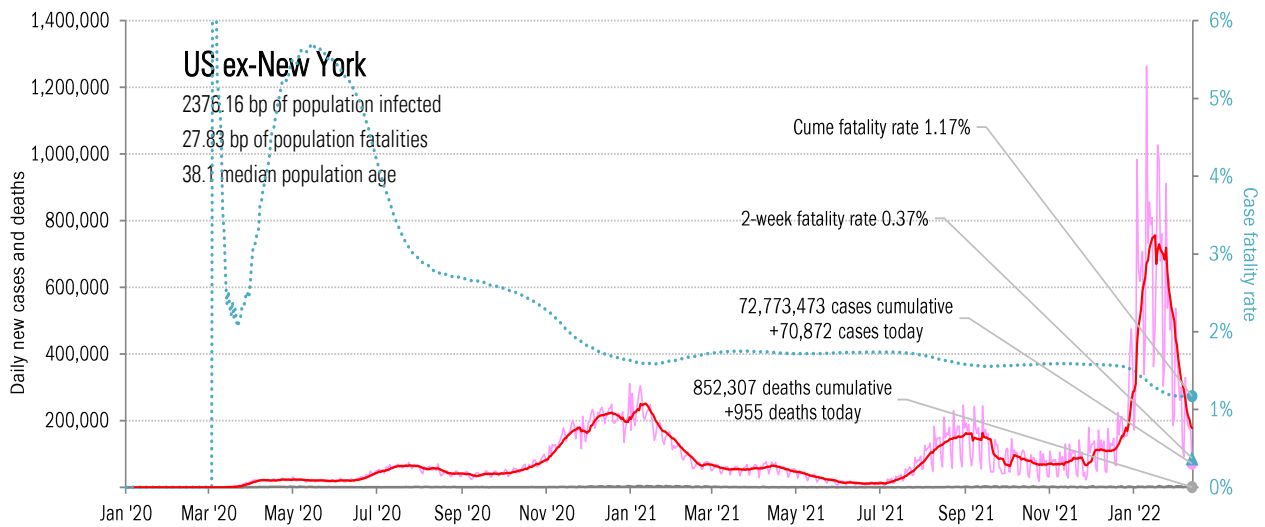
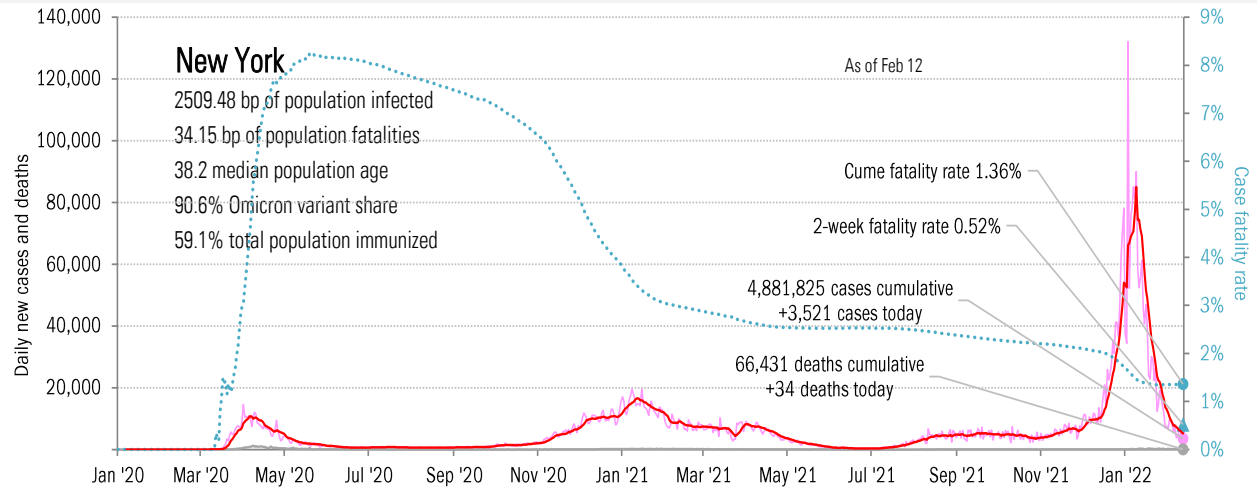
50 of 52 states & territories in two-week downtrends
As of Feb 12

Test data for WA is temporarily unavailable.

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

From Ground Zero to the Rio Grande

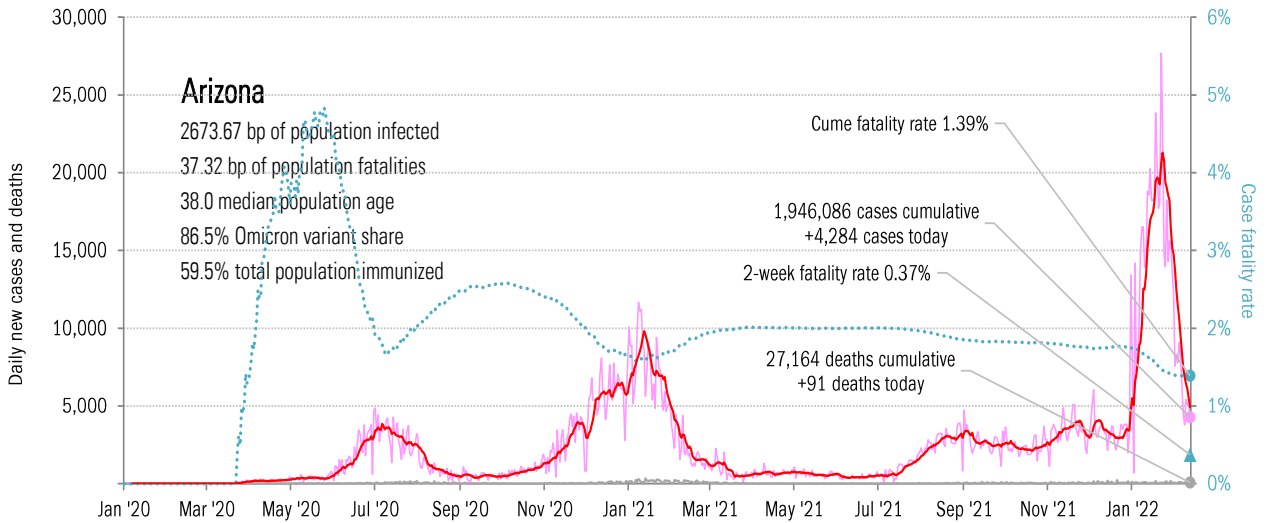
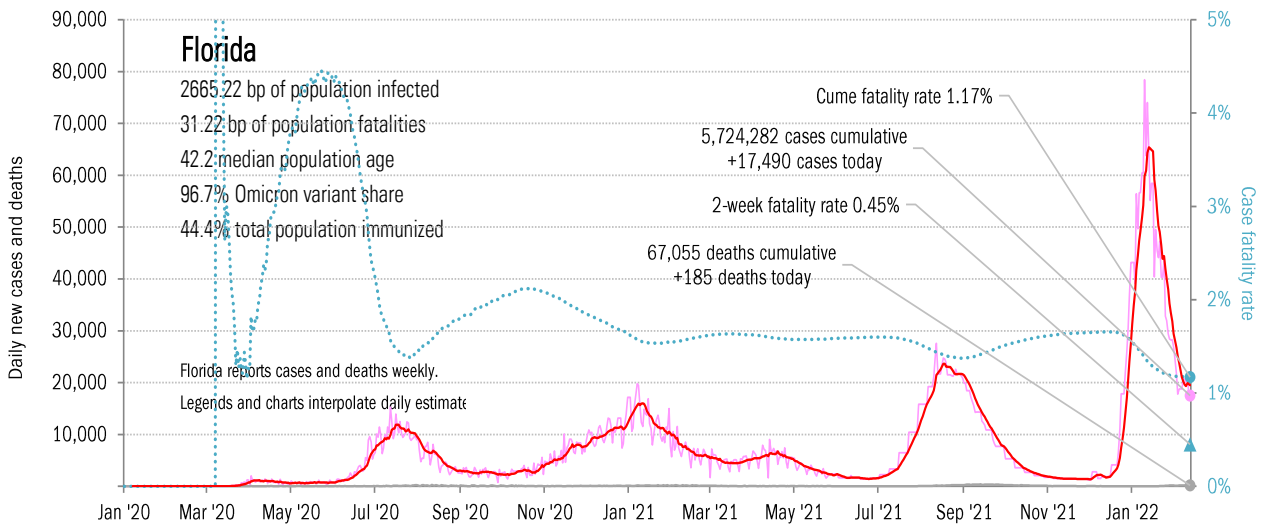
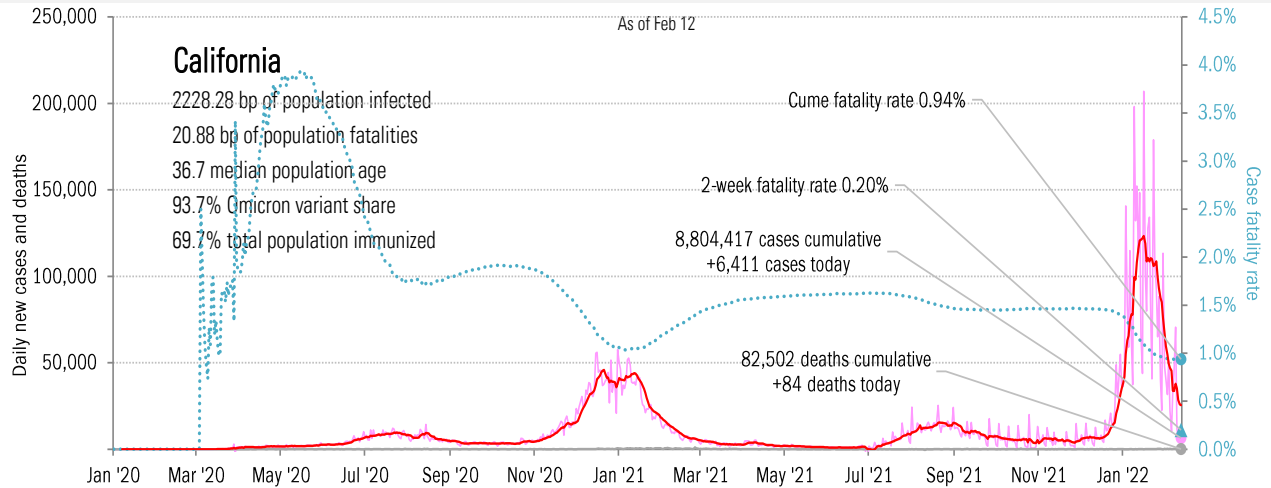
Cases: 7-day average and daily Deaths: Daily



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

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

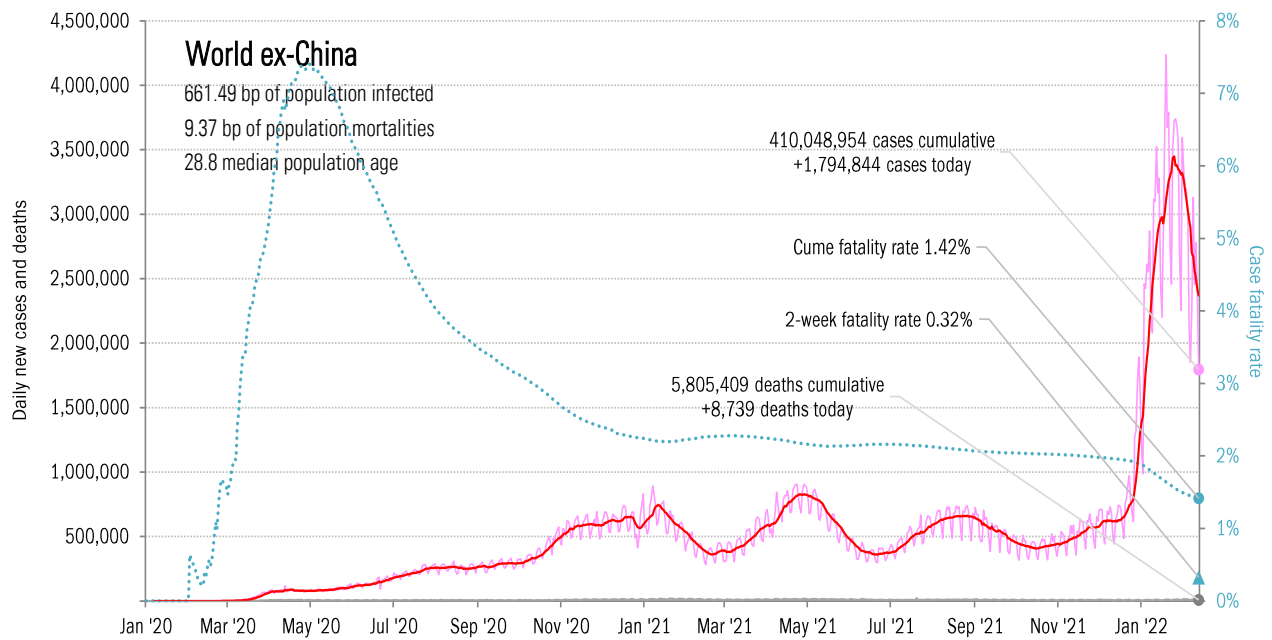
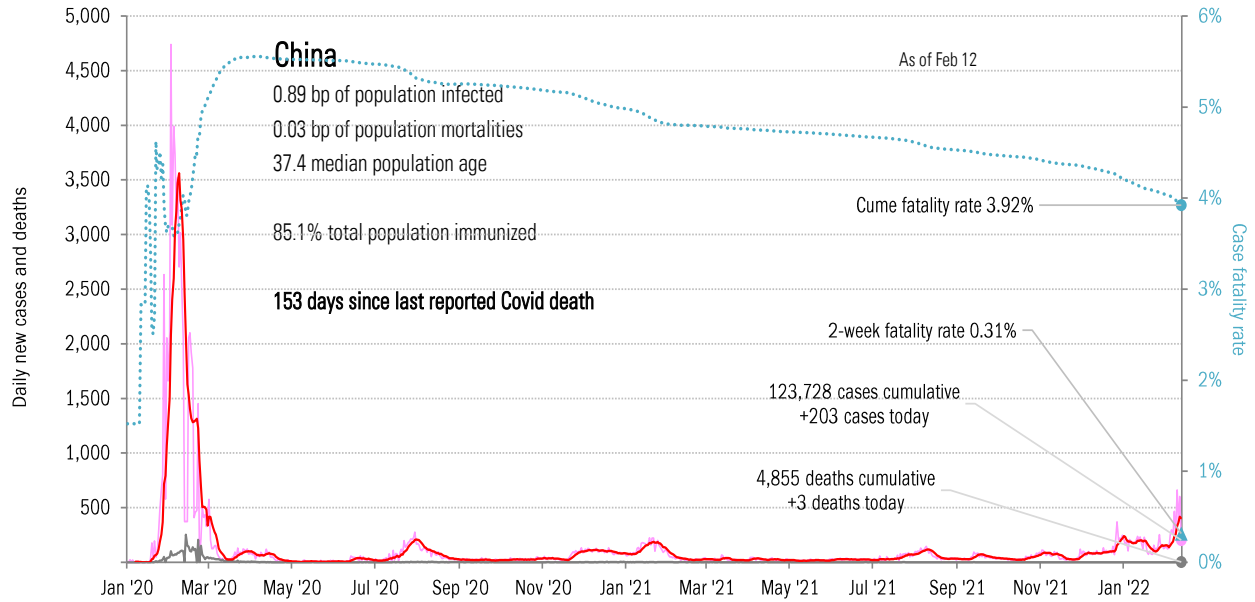
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

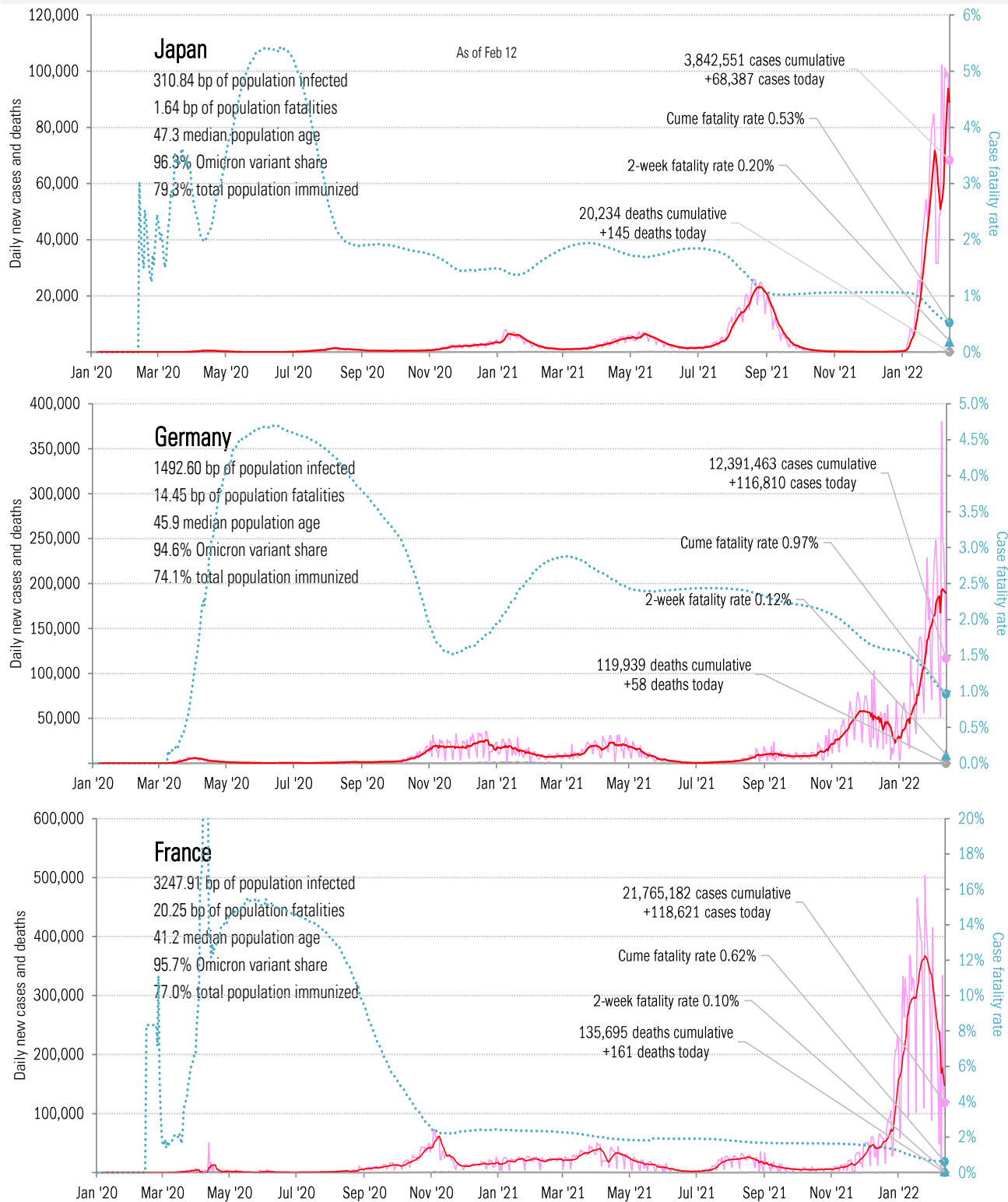
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

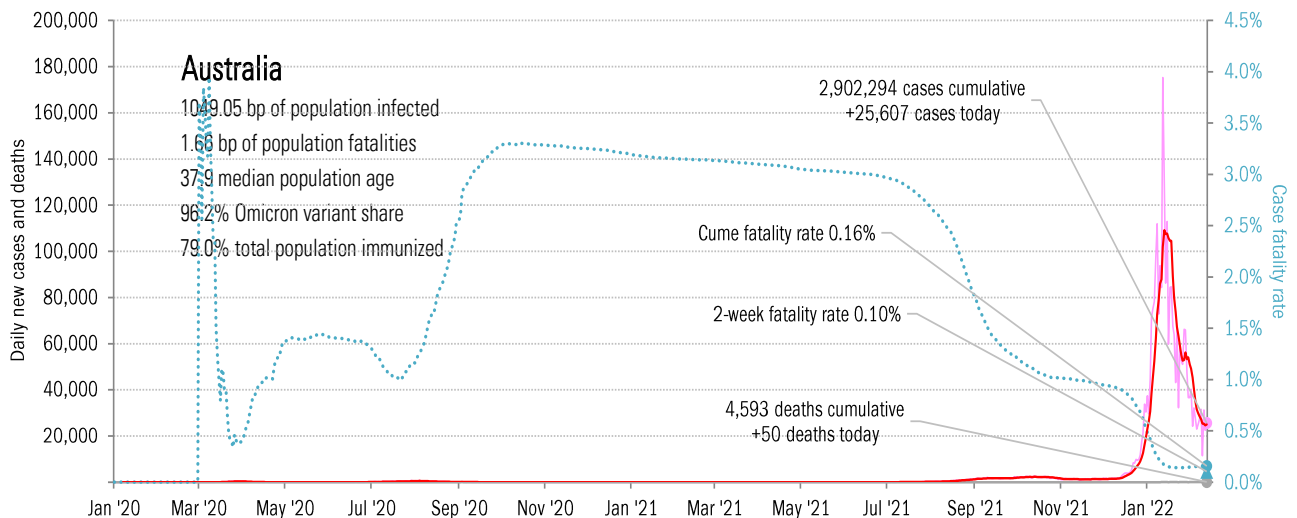
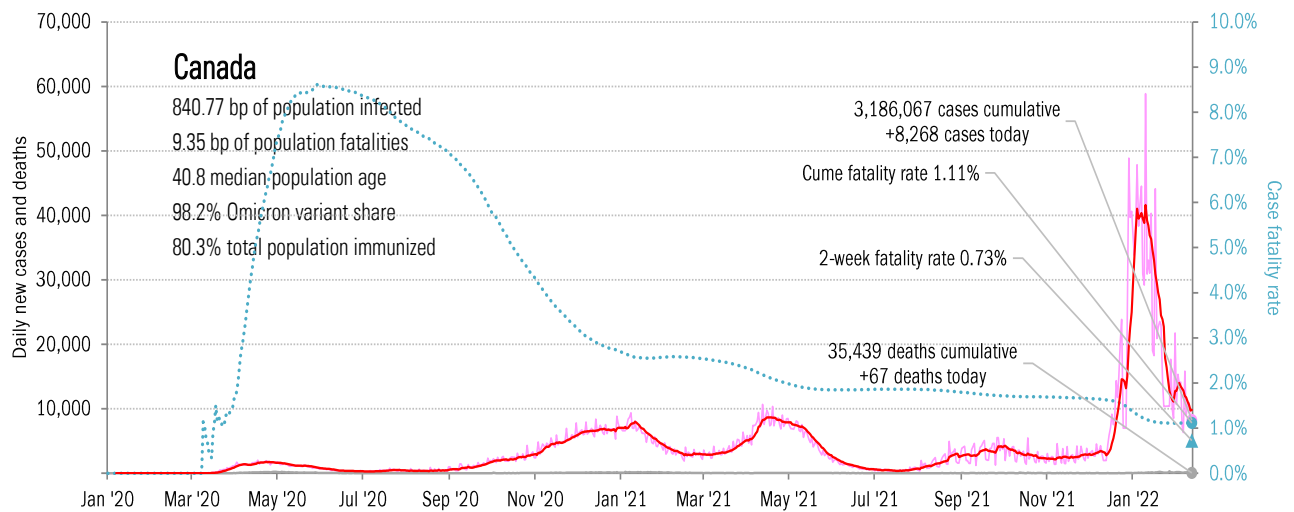
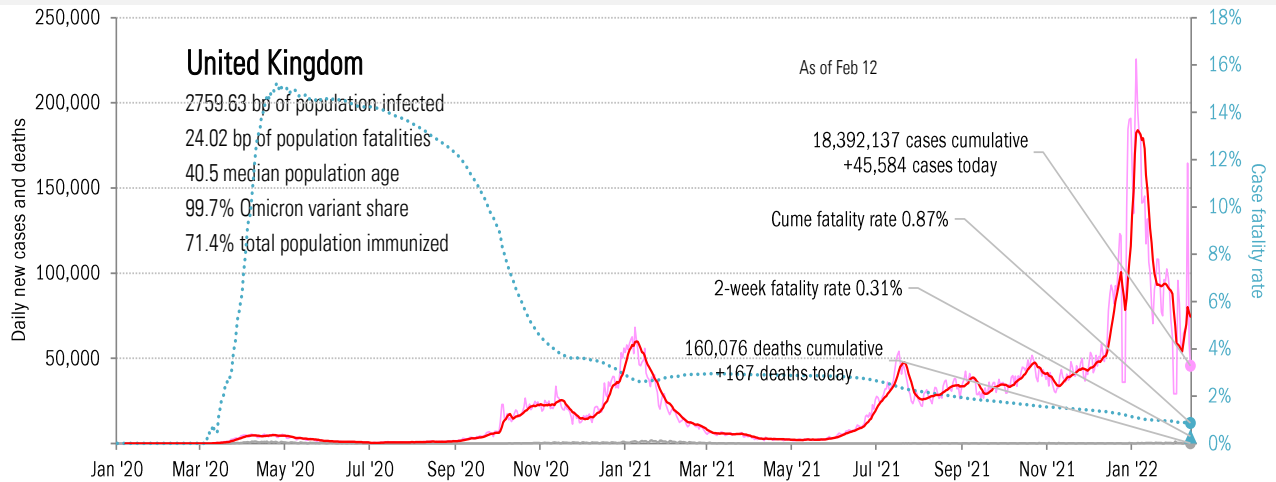
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

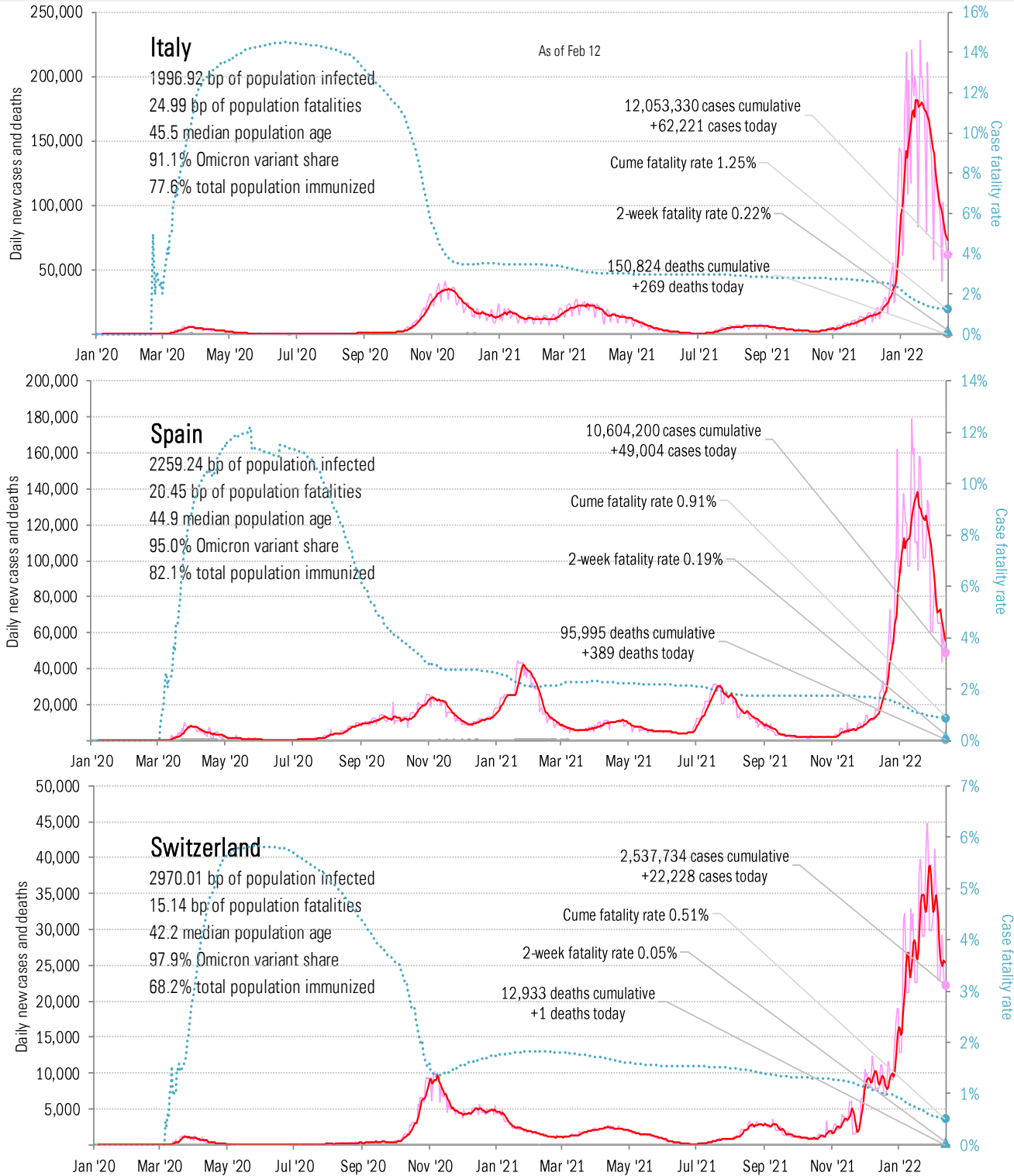
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

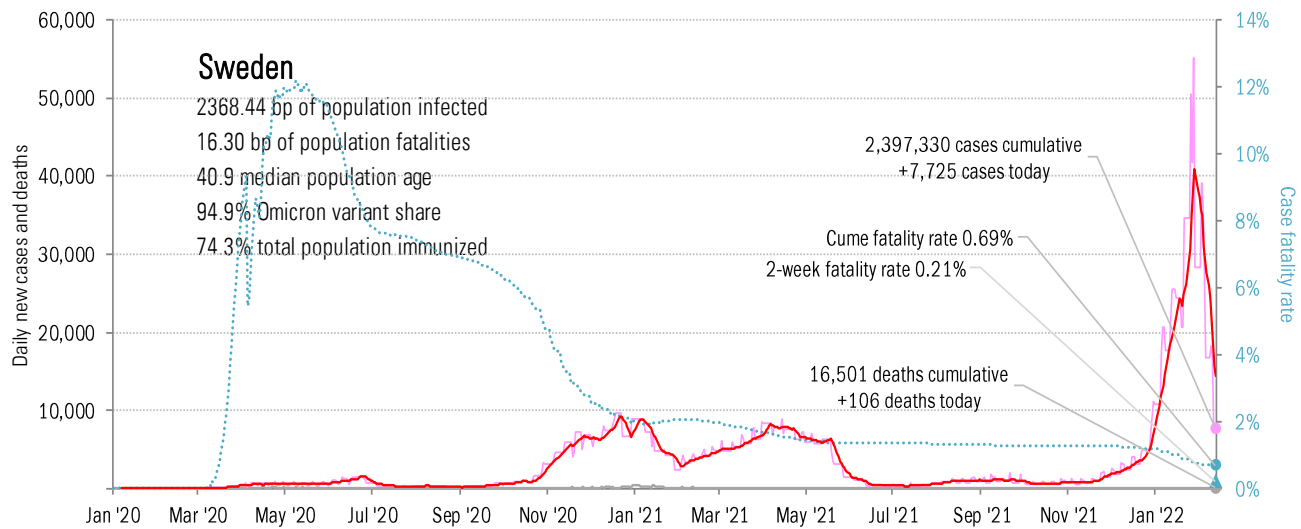
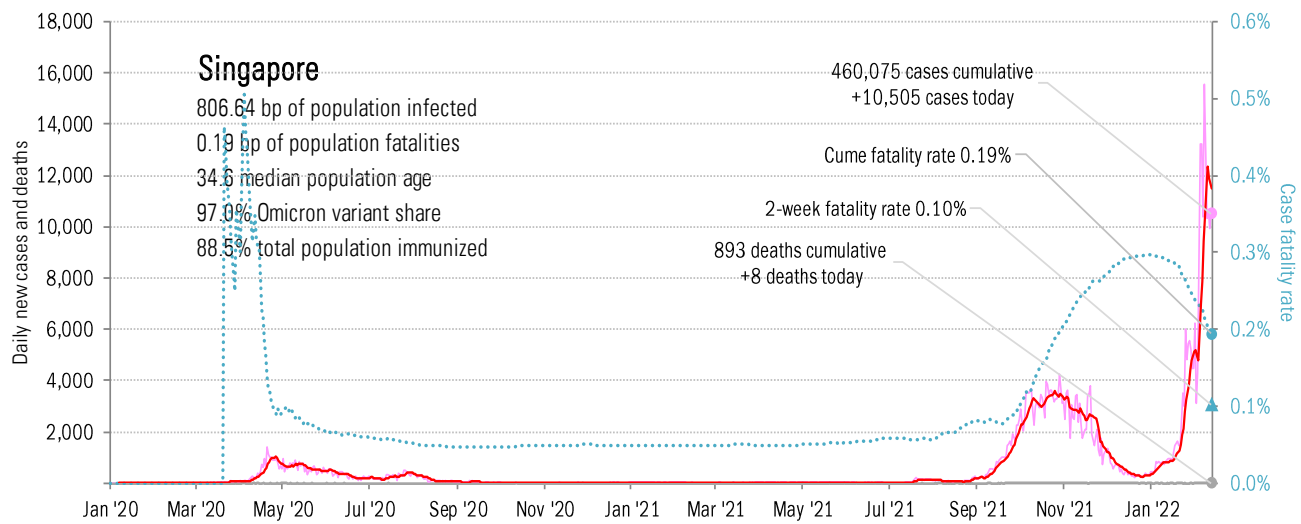
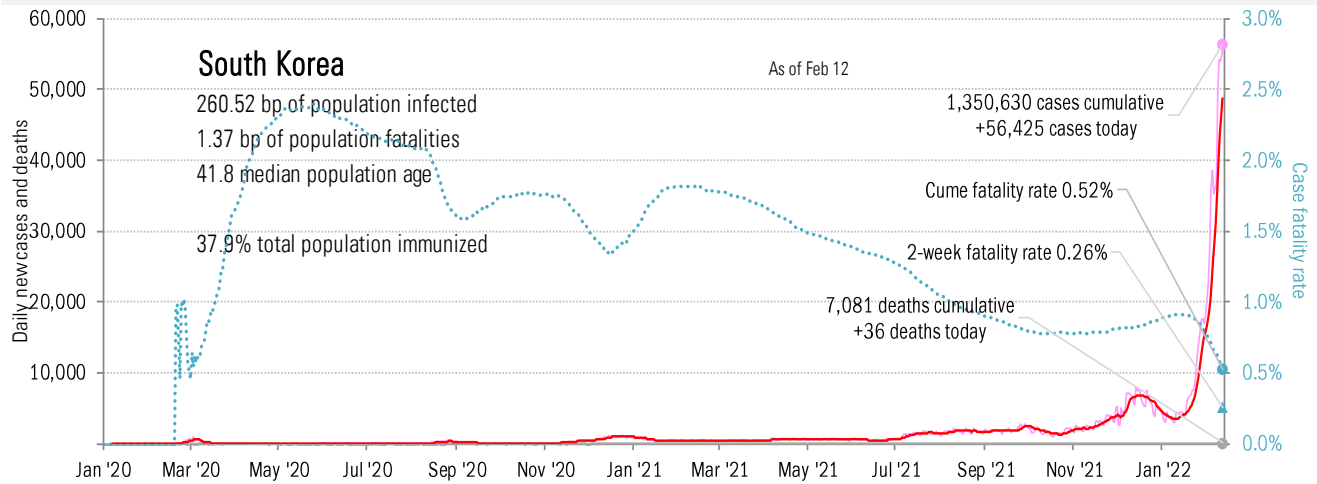
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

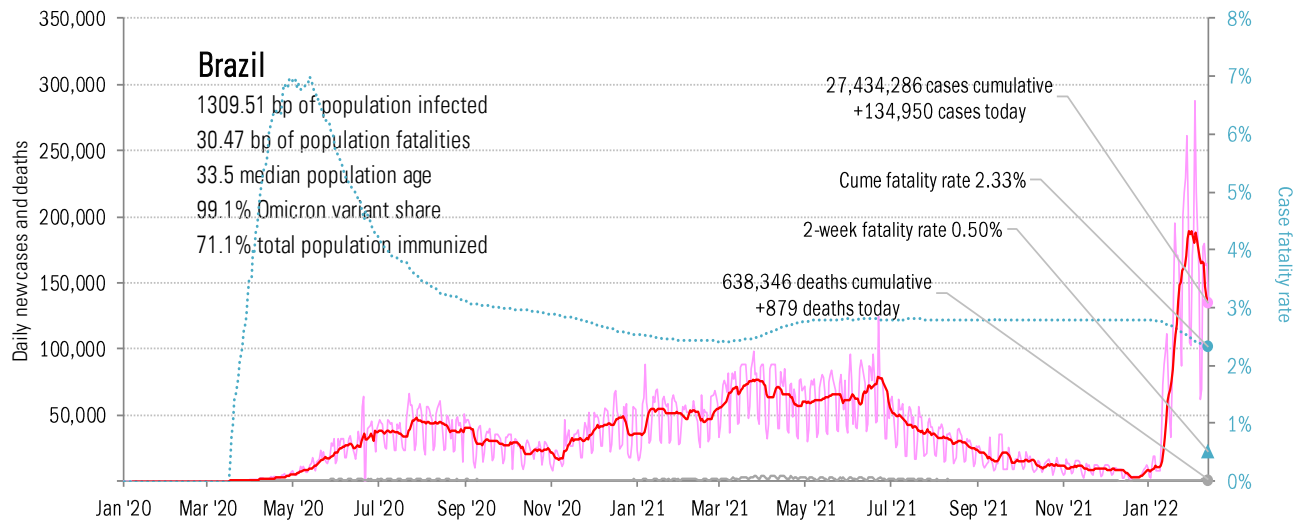
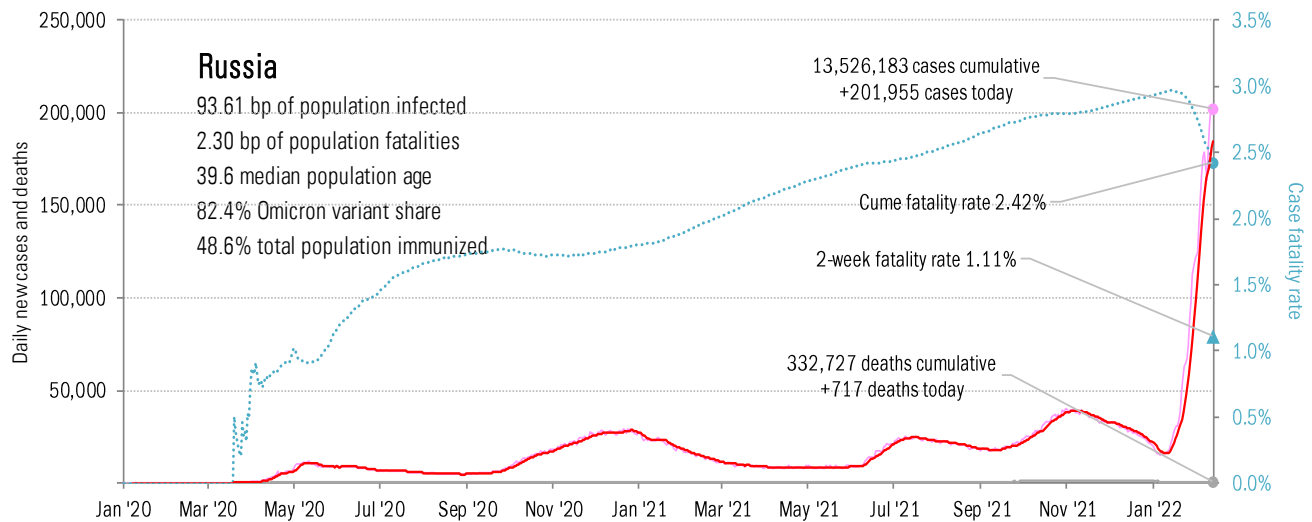
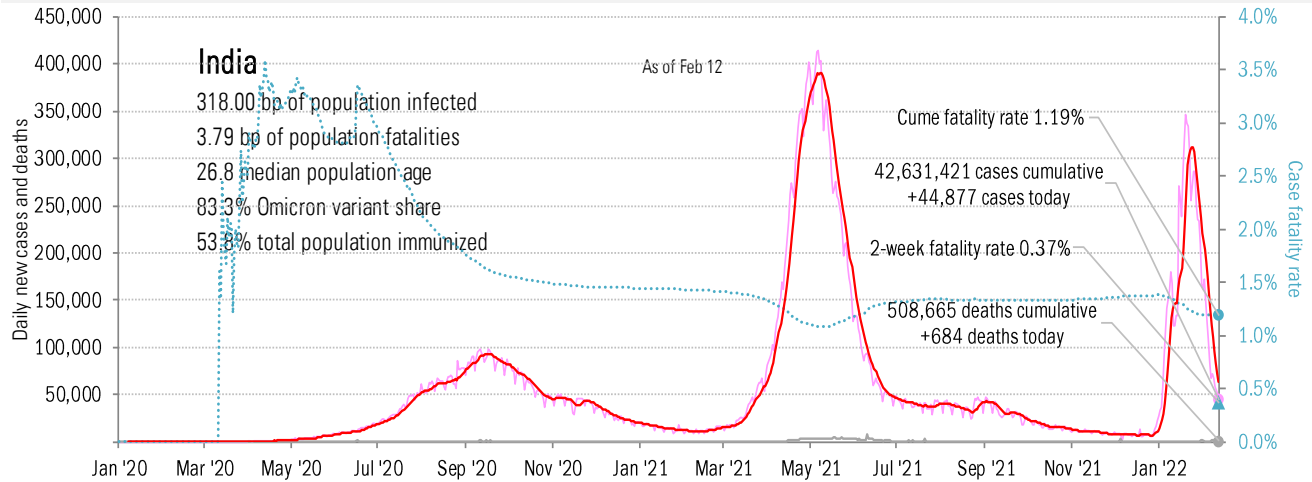
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

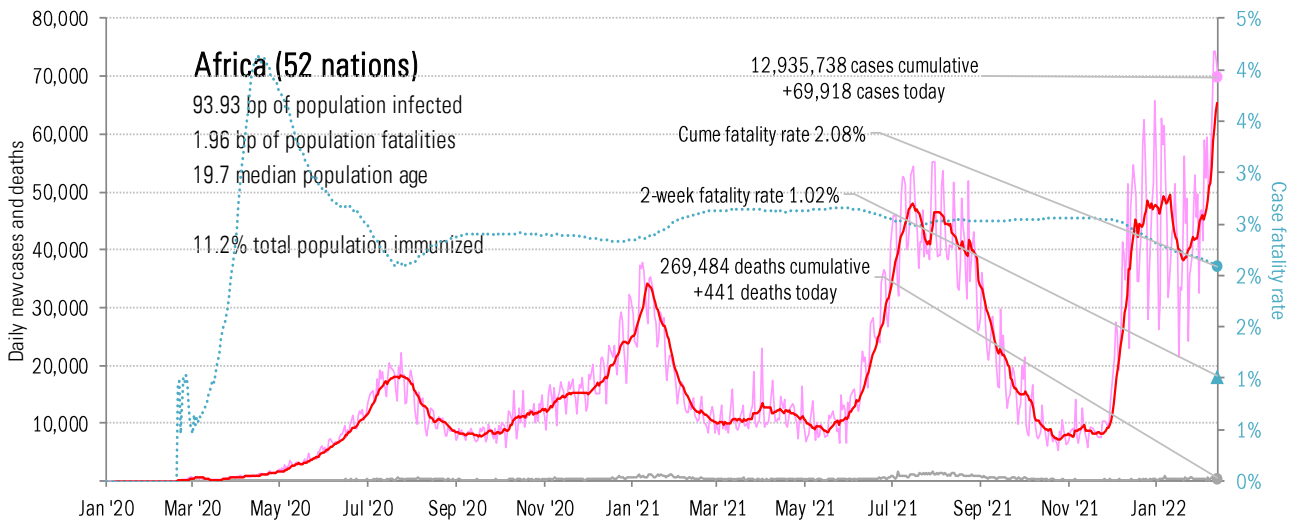
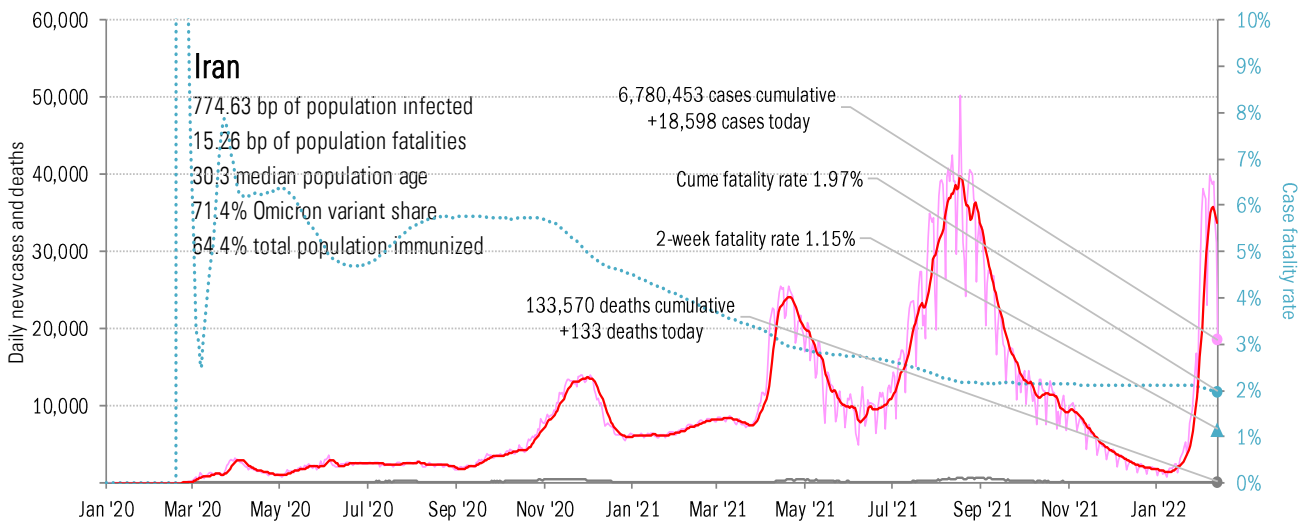
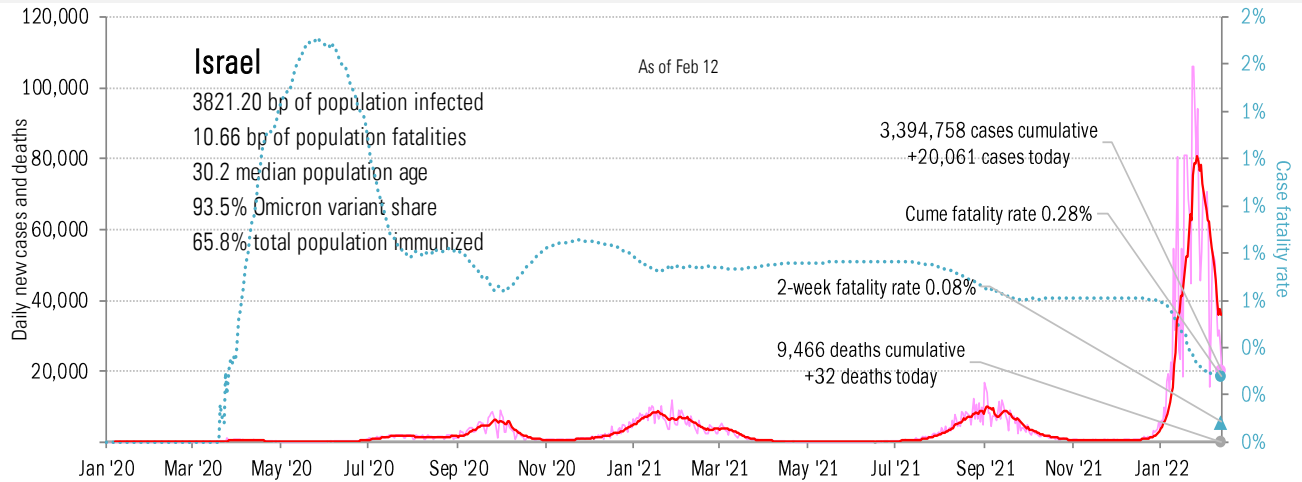
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

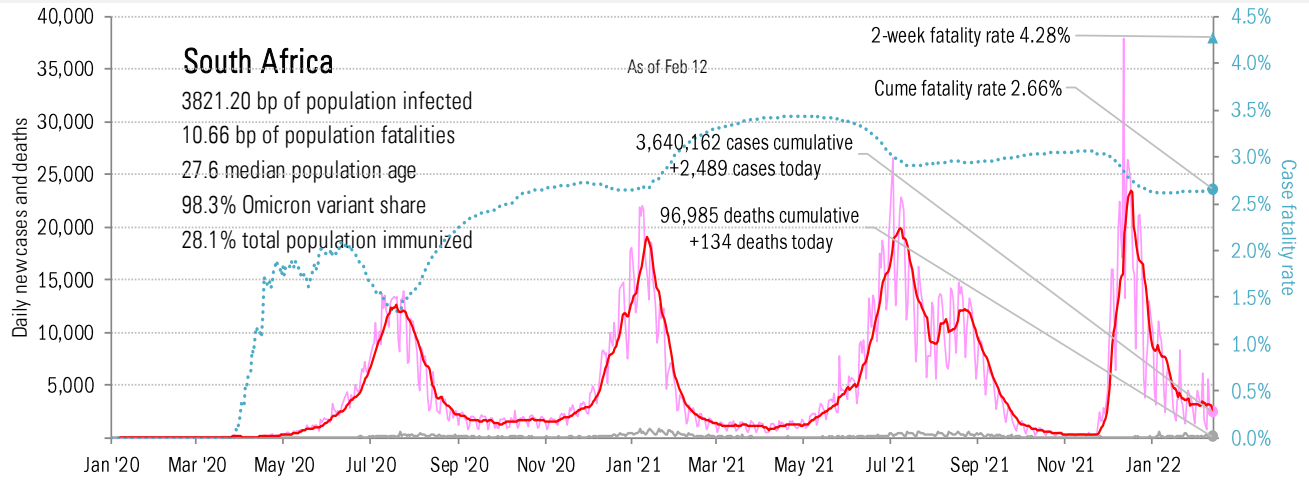
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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