

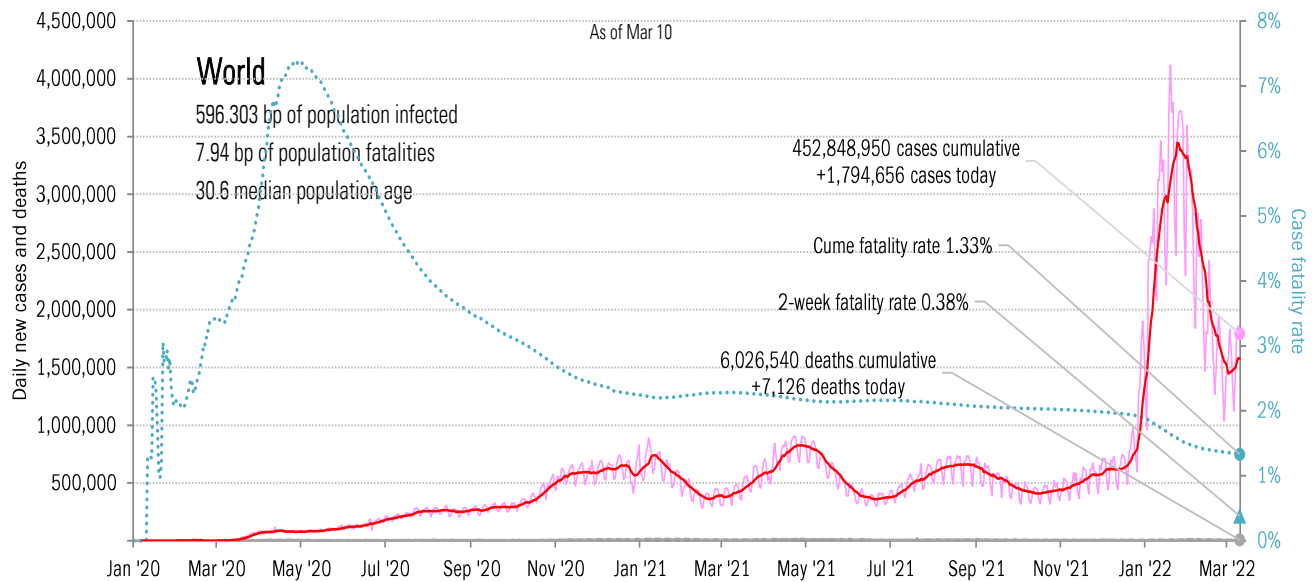
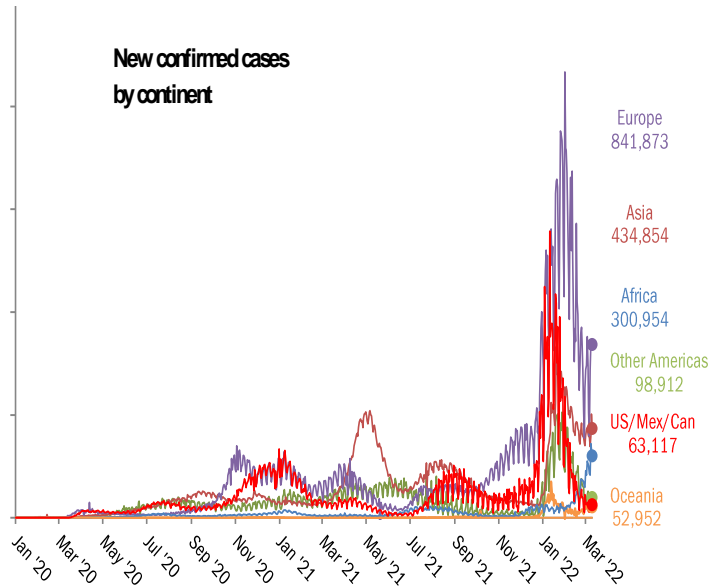
Data Insights: Covid-2019 Monitor

Saturday, March 12, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Korea, South	282,976	United States	1,666
Germany	225,557	Russia	652
Vietnam	218,459	Brazil	613
United Kingdom	84,746	Indonesia	278
France	75,562	India	255
Netherlands	74,518	Germany	248
Brazil	61,105	Chile	244
Japan	61,063	Korea, South	229
Italy	55,156	Mexico	199
United States	50,312	Japan	188
1,189,454		4,572	
World	1,794,656	World	7,126
Top ten	66%	Top ten	64%



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

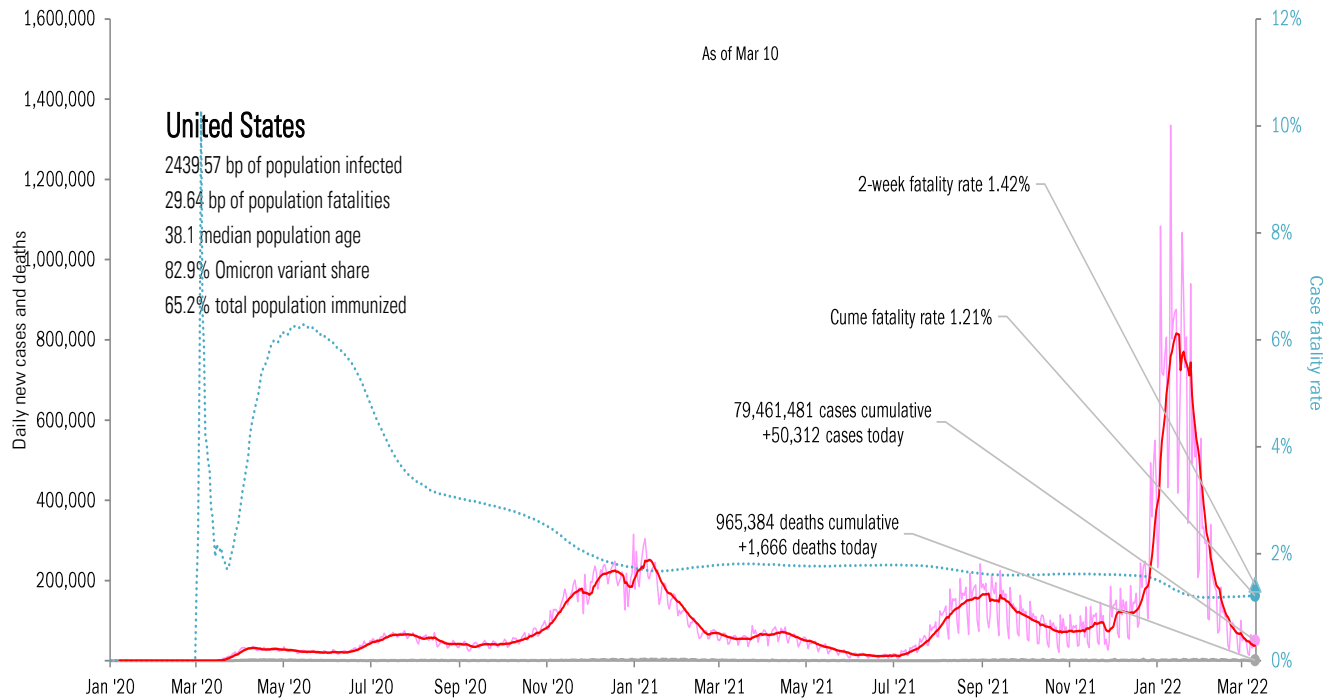
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	6,980		TN	2,124		HI	4		CA	9,030,973		TN	185,986		TX	483,224		RI	87%	TX	89%
AZ	6,549		CK	218		MA	4		TX	6,659,163		CA	87,077		CA	418,454		MA	86%	MS	86%
TX	5,936		CA	169		NE	4		FL	5,864,613		TX	86,197		FL	410,844		WV	85%	AL	84%
VA	2,674		TX	151		ID	3		NY	4,942,548		FL	71,394		NY	242,535		MN	84%	RI	84%
CK	2,179		GA	103		WV	2		IL	3,043,893		NY	67,619		GA	204,818		DC	84%	WA	83%
KY	2,009		FL	98		AS	0		PA	2,767,631		PA	43,767		CH	188,831		PA	84%	KY	82%
FL	1,994		SC	80		CT	0		CH	2,662,425		CH	37,212		PA	174,231		MO	83%	NM	82%
NC	1,783		KY	79		GJ	0		NC	2,606,754		GA	36,129		IL	155,070		GA	83%	DC	81%
NY	1,747		AL	72		MP	0		GA	2,475,489		IL	35,485		MI	139,374		WA	83%	WV	80%
IL	1,398		VA	67		PR	0		MI	2,369,853		MI	35,135		KY	138,934		MD	81%	MA	80%
33,249			3,161			17			42,423,342			686,001			2,556,315						
All states	50,312		1,666			-1,106			All states	79,461,481		965,384			4,635,689			All states	70%	67%	
Top ten	66%		190%			-2%			Top ten	53%		61%			55%			Median	76%	75%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
FL	-2,574	AZ	-382	CA	-276	SC	+20 bp
WA	-2,462	MI	-277	MI	-42	AK	+10 bp
MI	-2,165	IA	-91	CK	-36	GA	+10 bp
AK	-1,486	IN	-66	NC	-29	LA	+10 bp
KS	-525	WA	-57	ME	-25	MA	+10 bp



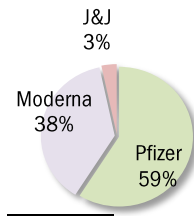
Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	571,236,486		+0.181 million	US	65.2%	76.6%
Boosters	96,890,188		+0.068 million	UK	72.1%	77.3%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	262,052,689	78%	222,679,858	67%	+0.048 million	France 77.7% 80.1%
Age 12 to 17	17,414,784	69%	14,840,794	59%	+0.005 million	Spain 83.7% 87.9%
Age 18 to 64	176,593,563	87%	149,732,698	74%	+0.027 million	Germany 75.0% 75.8%
Age 65 and over	58,255,842	100%	50,404,092	92%	+0.004 million	Italy 79.0% 83.9%

Israel	65.9%	72.1%
Canada	81.5%	85.7%
Japan	79.6%	80.8%
Africa	14.2%	19.3%
India	58.0%	69.5%
Brazil	73.5%	83.8%
China	85.5%	87.9%

Global data differs due to sources, timing



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

Best
Middle
Worst

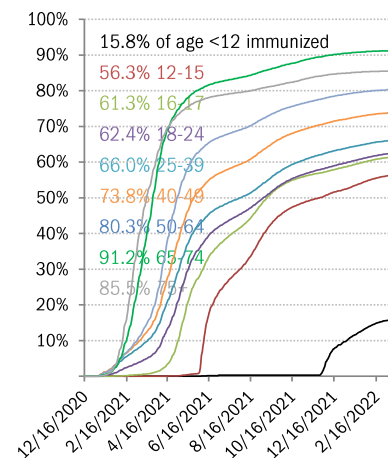
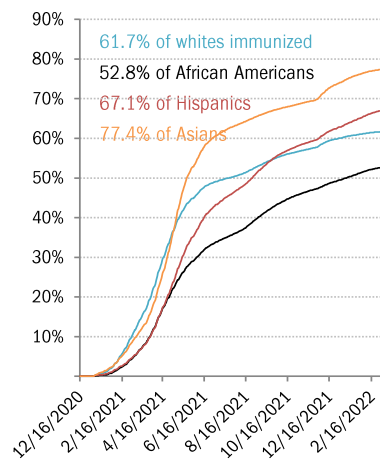
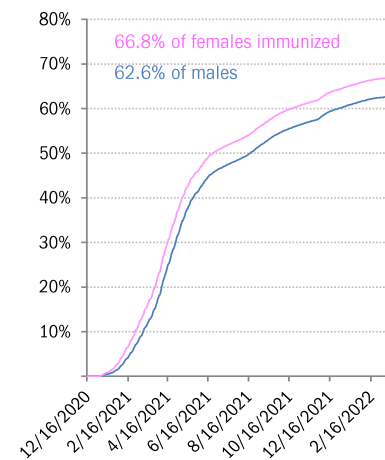
AK	68.9%
	61.4%

Immunity = two doses

As of Mar 10

					WI					ME
					71.2%					89.4%
					64.8%					78.6%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
80.0%	60.5%	64.6%	64.5%	74.5%	76.3%	66.4%		89.2%	93.0%	95.0%
71.7%	53.3%	56.1%	54.5%	68.5%	67.8%	59.5%		75.8%	80.4%	69.8%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
77.1%	74.3%	58.1%	75.2%	67.4%	60.8%	63.0%	83.6%	89.3%	95.0%	
68.9%	59.9%	50.8%	60.1%	61.3%	54.2%	57.8%	67.2%	74.5%	77.9%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.0%	71.3%	78.6%	69.5%	65.5%	65.5%	64.4%	84.7%	85.2%	94.2%	95.0%
70.7%	63.4%	69.4%	62.7%	55.3%	56.6%	56.9%	72.2%	74.3%	78.0%	81.0%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	71.7%	86.3%	73.7%	65.9%	61.5%	82.6%	66.9%	95.0%	82.0%	
	60.4%	69.9%	60.5%	53.7%	53.8%	59.6%	56.3%	71.9%	67.9%	
			OK	LA	MS	AL	GA			
			70.2%	60.4%	59.0%	62.0%	64.6%			
			56.2%	52.8%	51.1%	50.4%	53.9%			
			TX					FL		PR
			71.5%					78.3%		95.0%
			60.3%					66.1%		81.8%

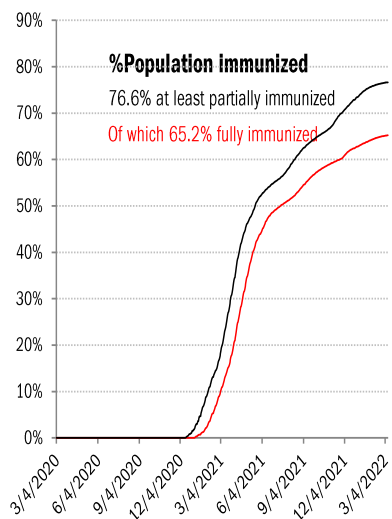
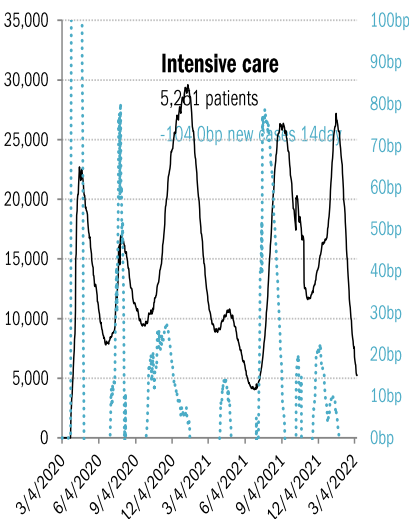
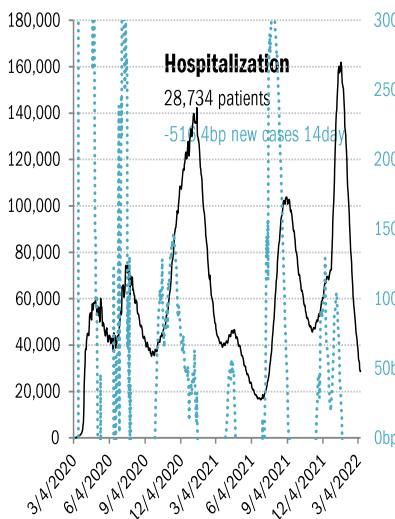
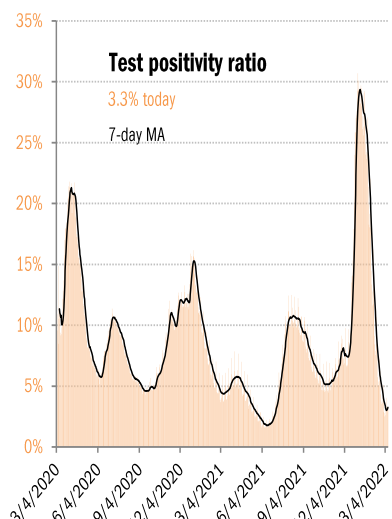
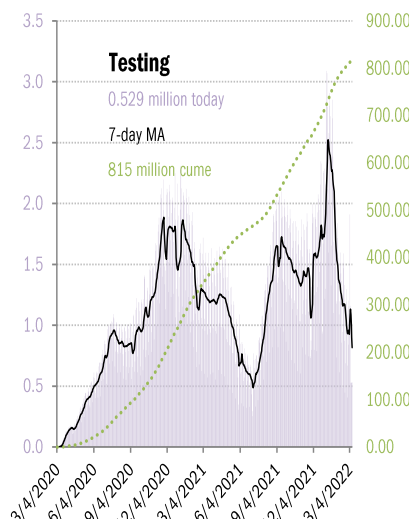
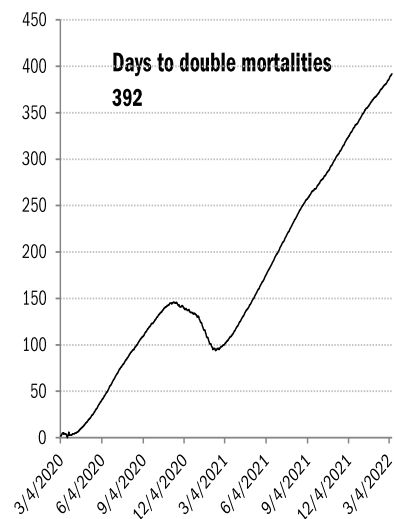
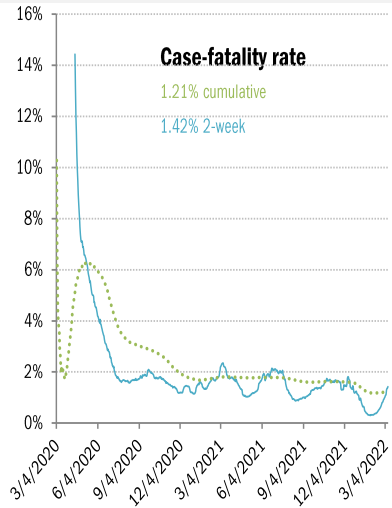
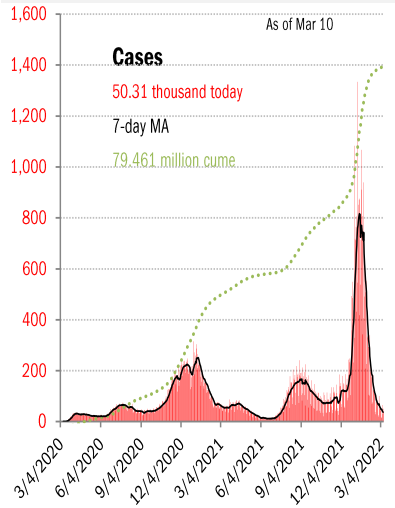
The demographics of US vaccination



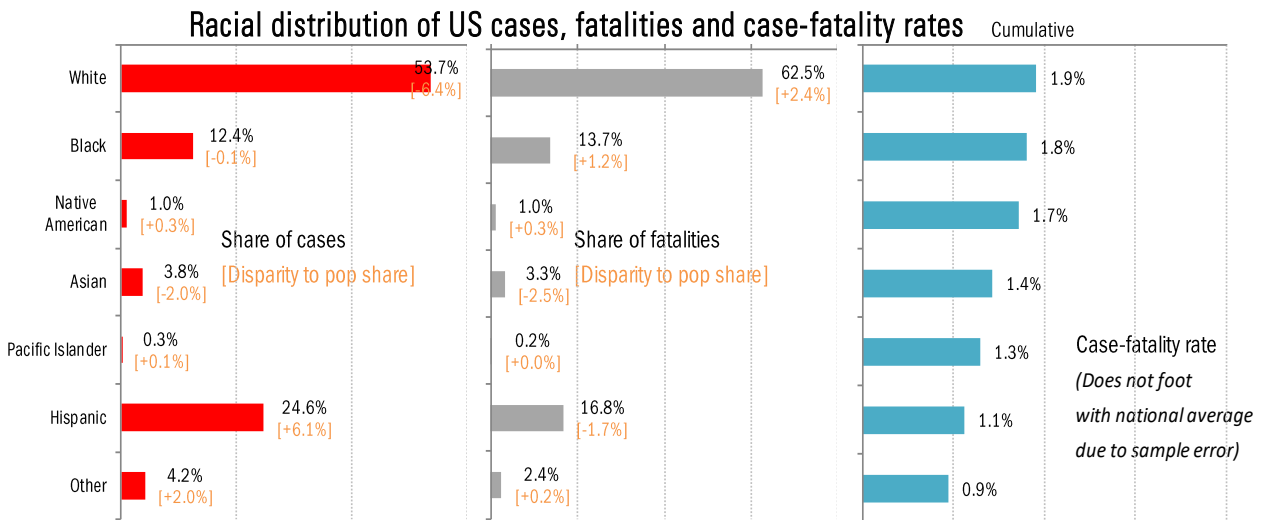
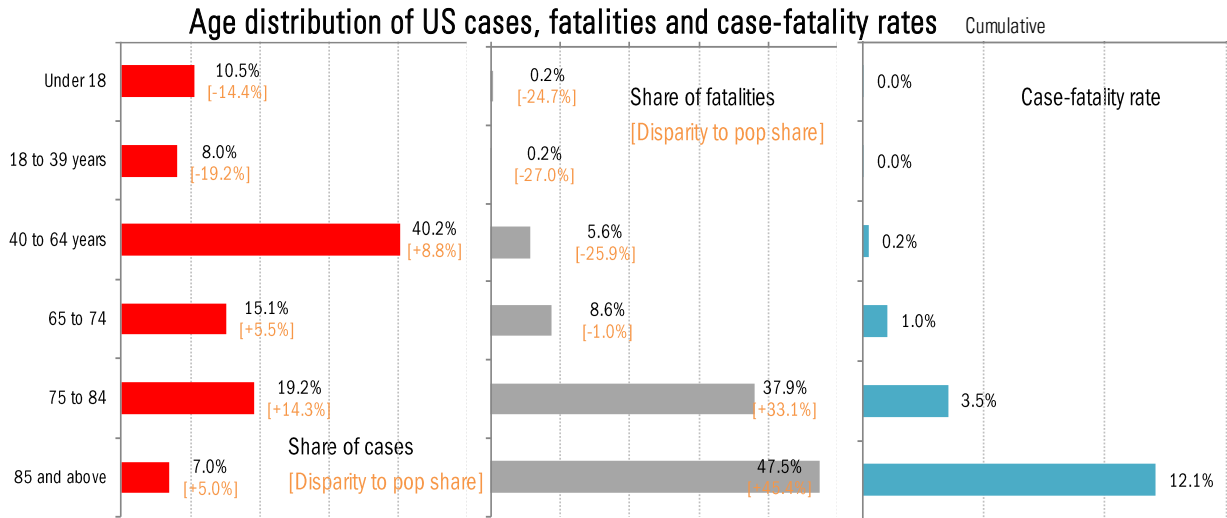
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

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

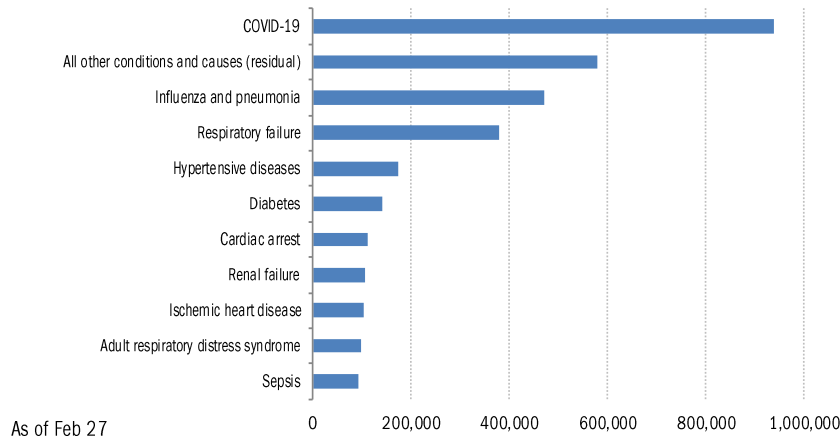


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

[US extends mask rule for travel while weighing new approach](#)

David Koenig and Zeke Miller
AP
March 10, 2022

[Ukraine War Hobbles Covid-Pill Project in Lab Near Front Lines](#)

Naomi Kresge
Bloomberg
March 9, 2022

[Deleted Web Pages Show Obama Led an Effort To Build a Ukraine-Based BioLab Handling 'Especially Dangerous Pathogens'](#)

Natalie Winters
National Pulse
March 8, 2022

[Russia Tells the US "We Have Found Your Biological Weapons"](#)

Jim Hoft
Gateway Pundit
March 9, 2022

[What Does Covid Do to the Brain and Mind?](#)

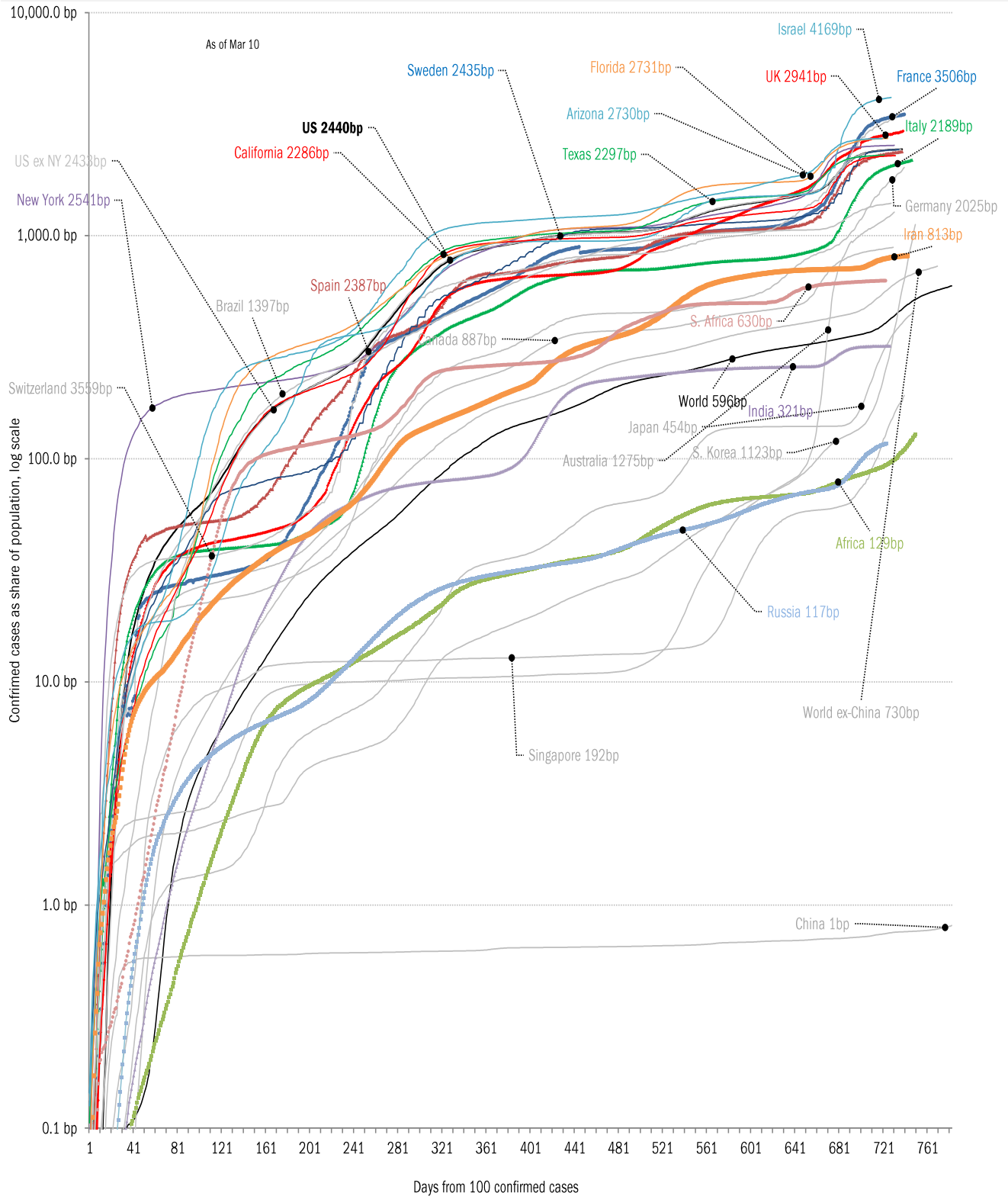
Therese Raphael
Bloomberg
March 10, 2022

Meme of the day



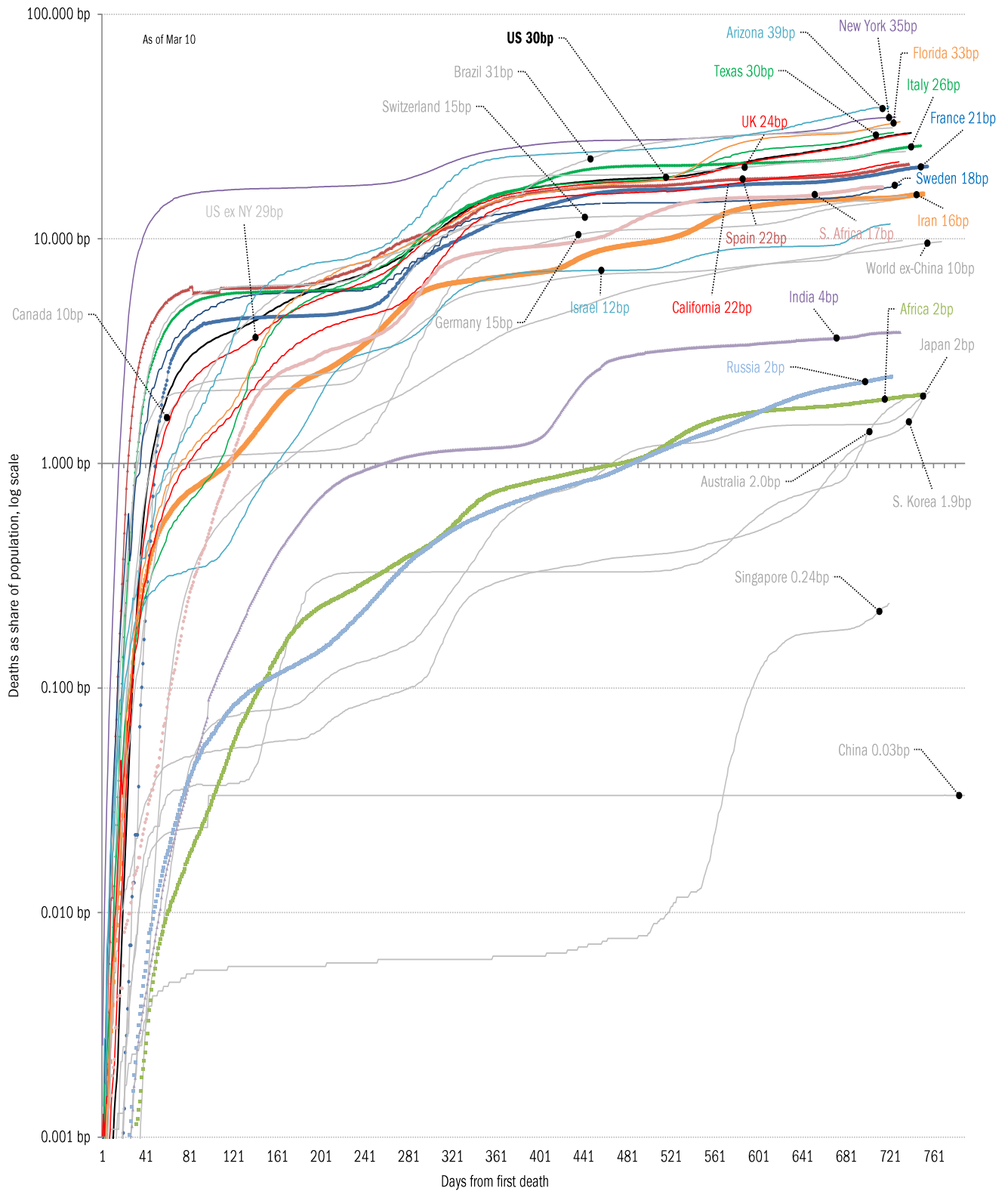
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

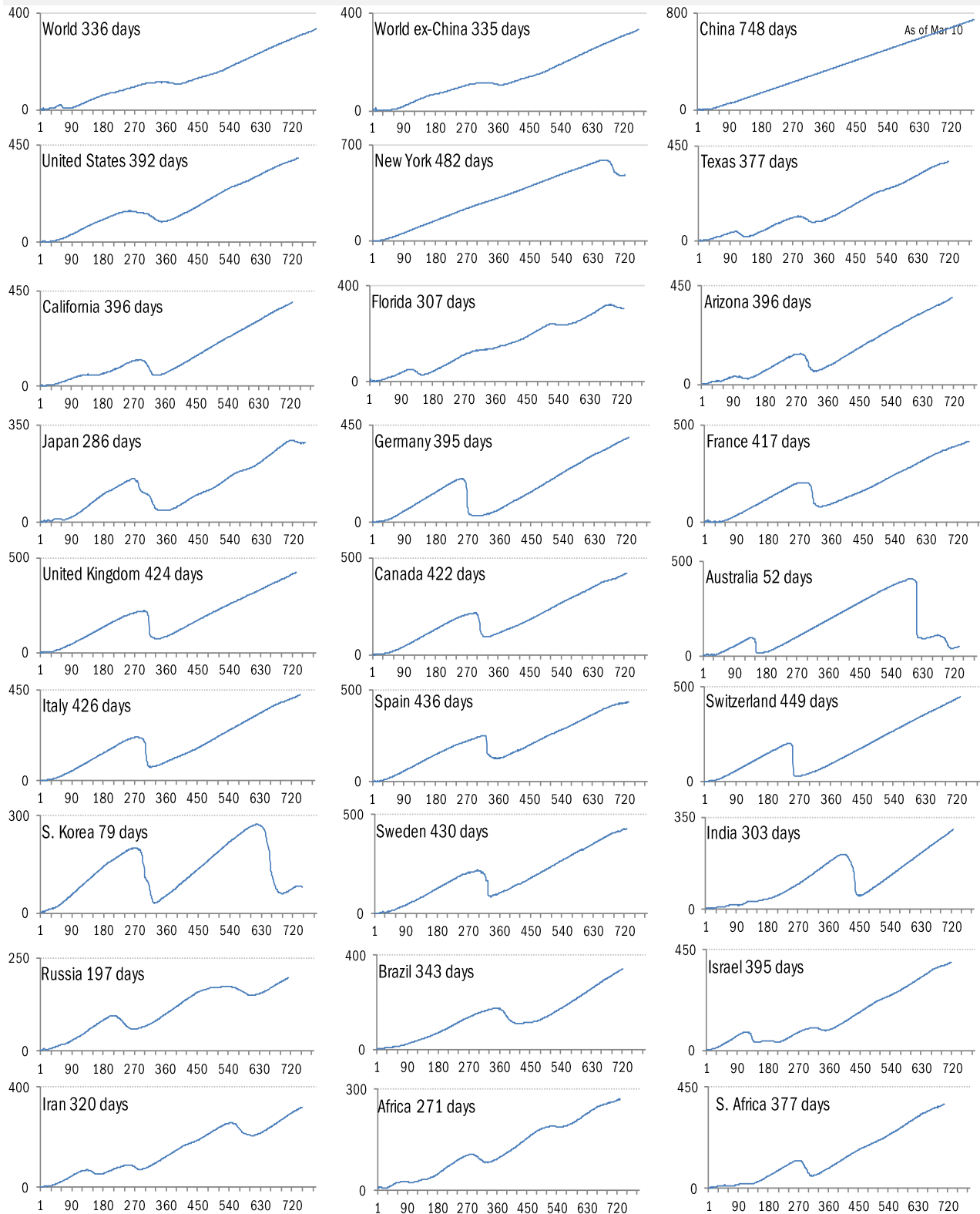


Source: [Johns Hopkins](#), TrendMacro calculations

"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

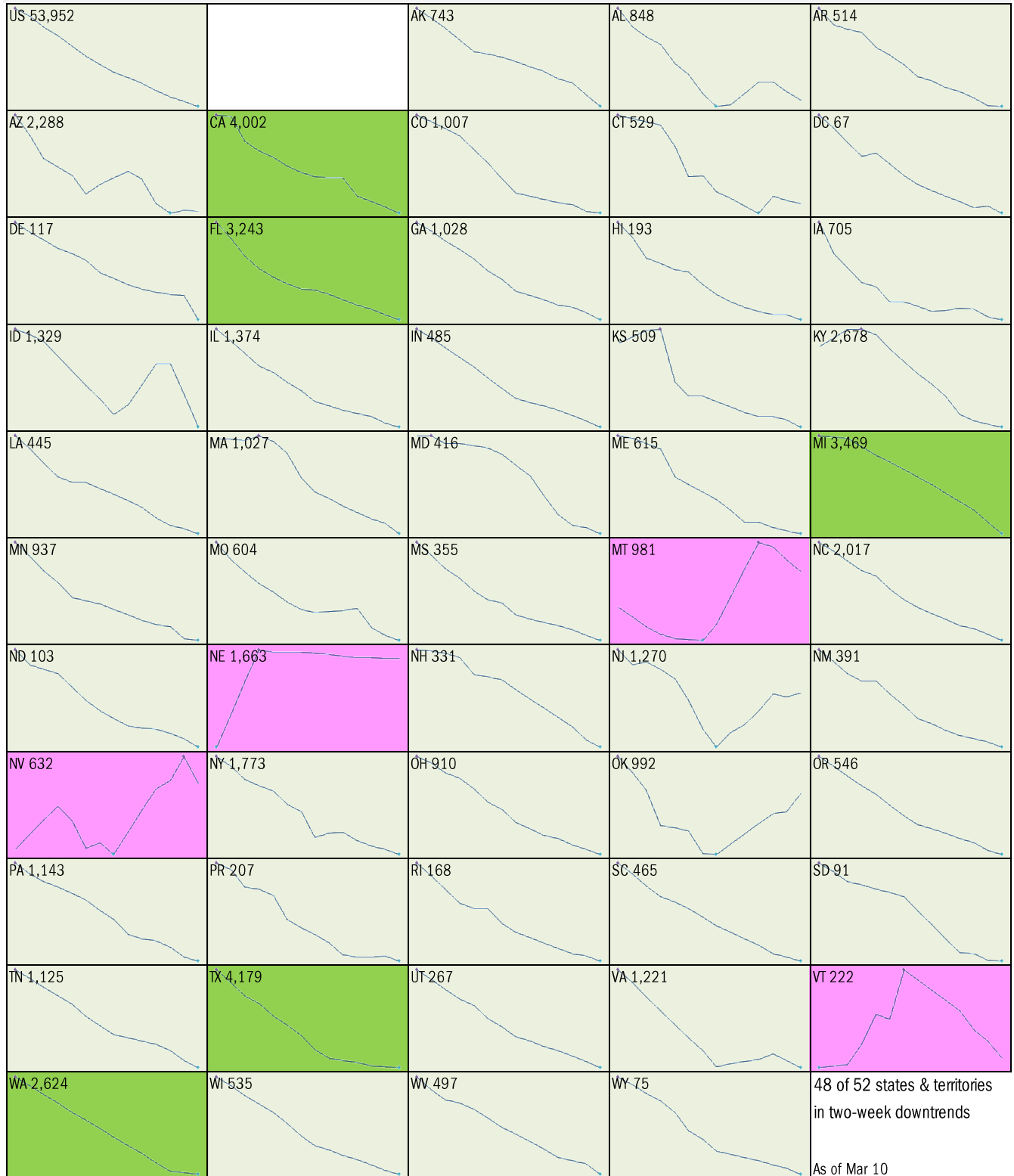


Source: [Johns Hopkins](#), TrendMacro calculations

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

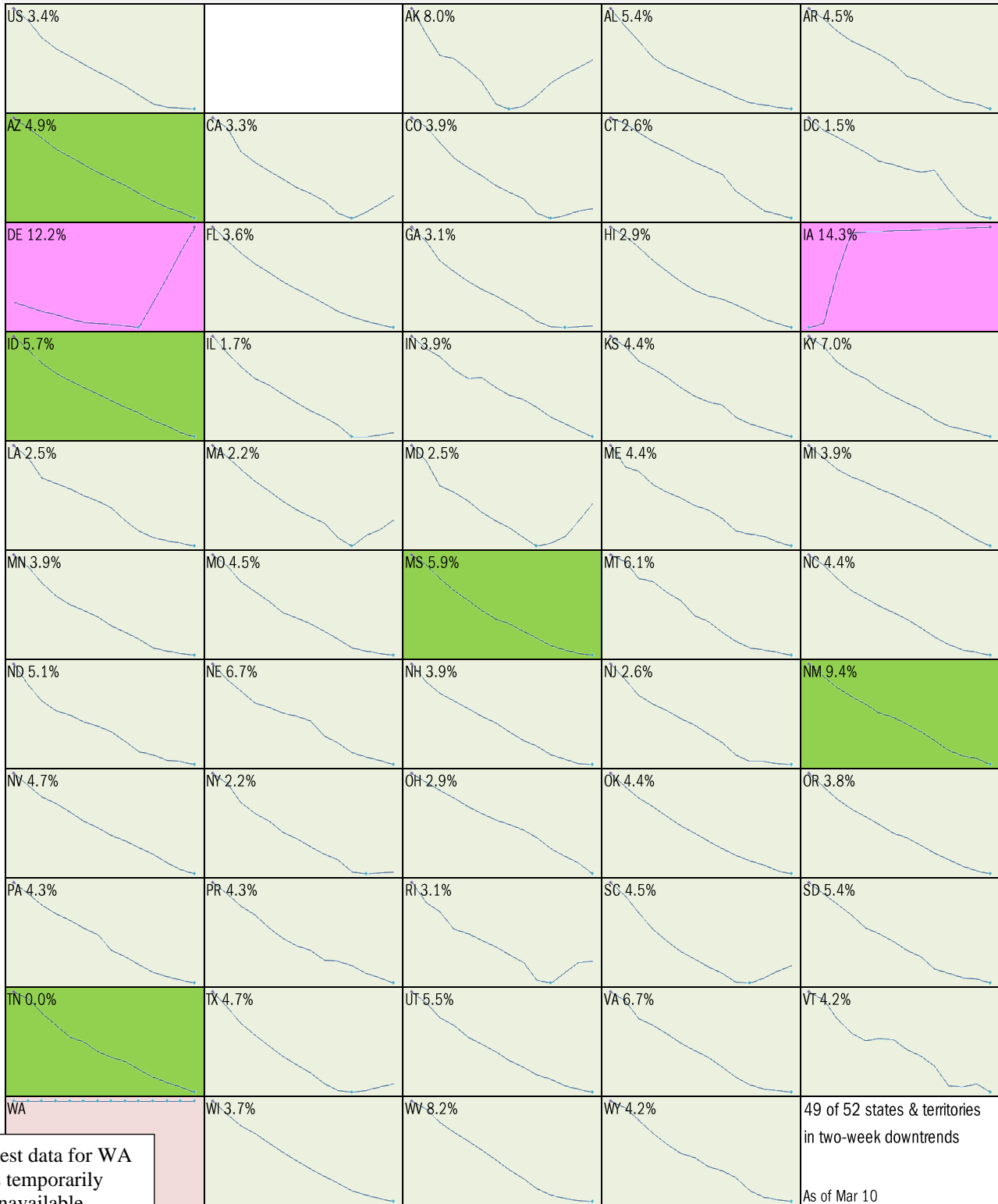


Source: [Johns Hopkins](#), TrendMacro calculations

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

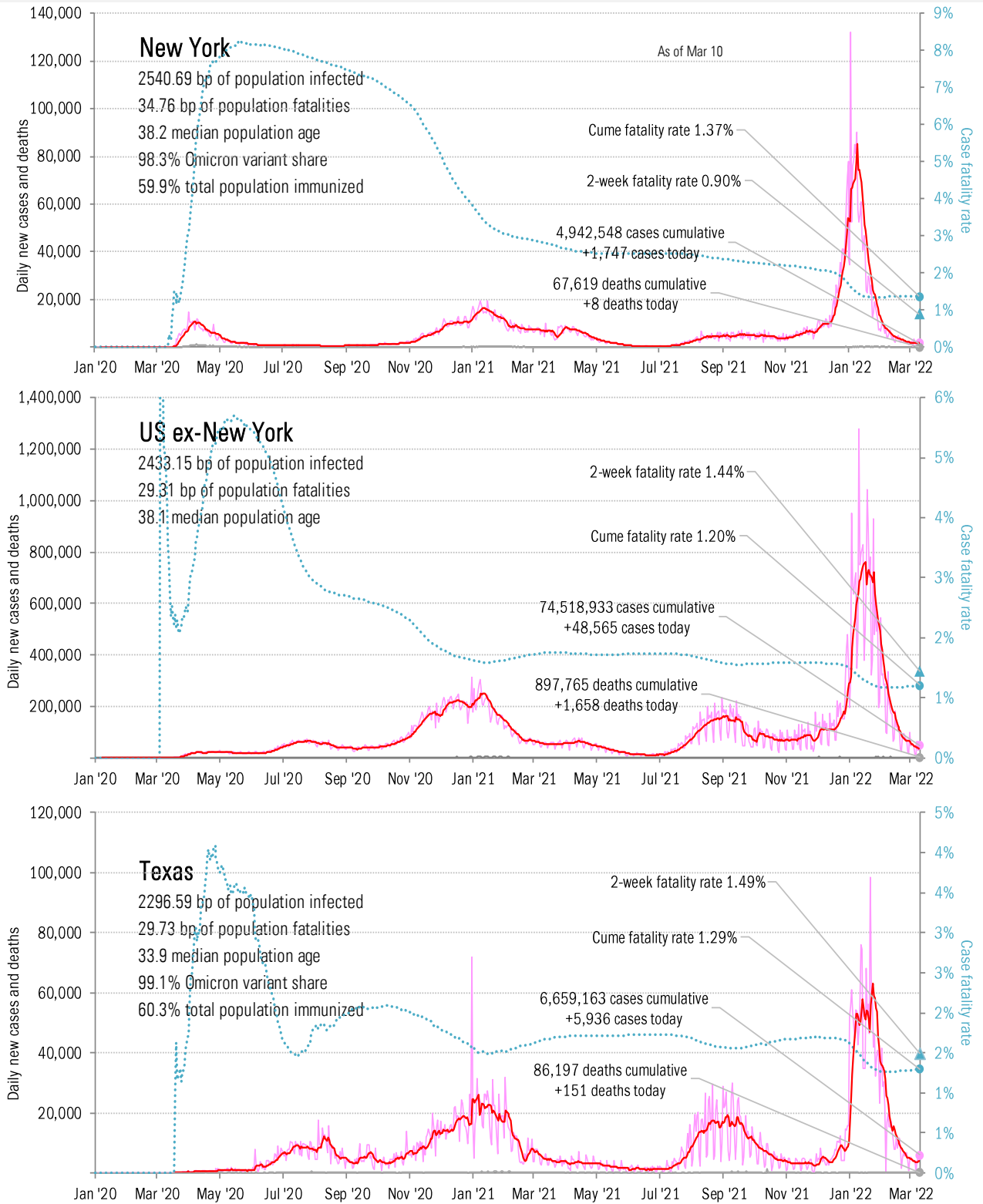


Test data for WA is temporarily unavailable.

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

From Ground Zero to the Rio Grande

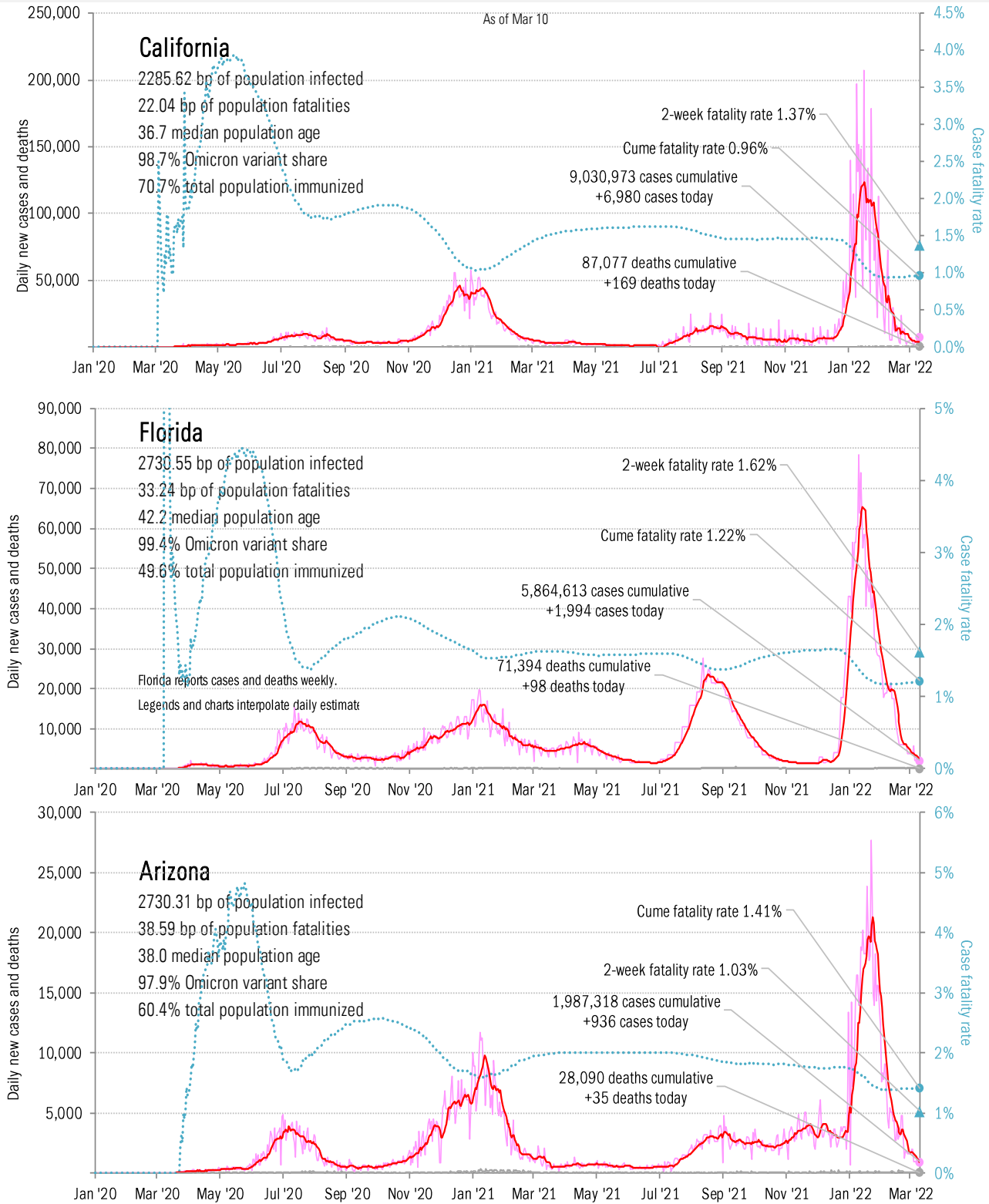
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

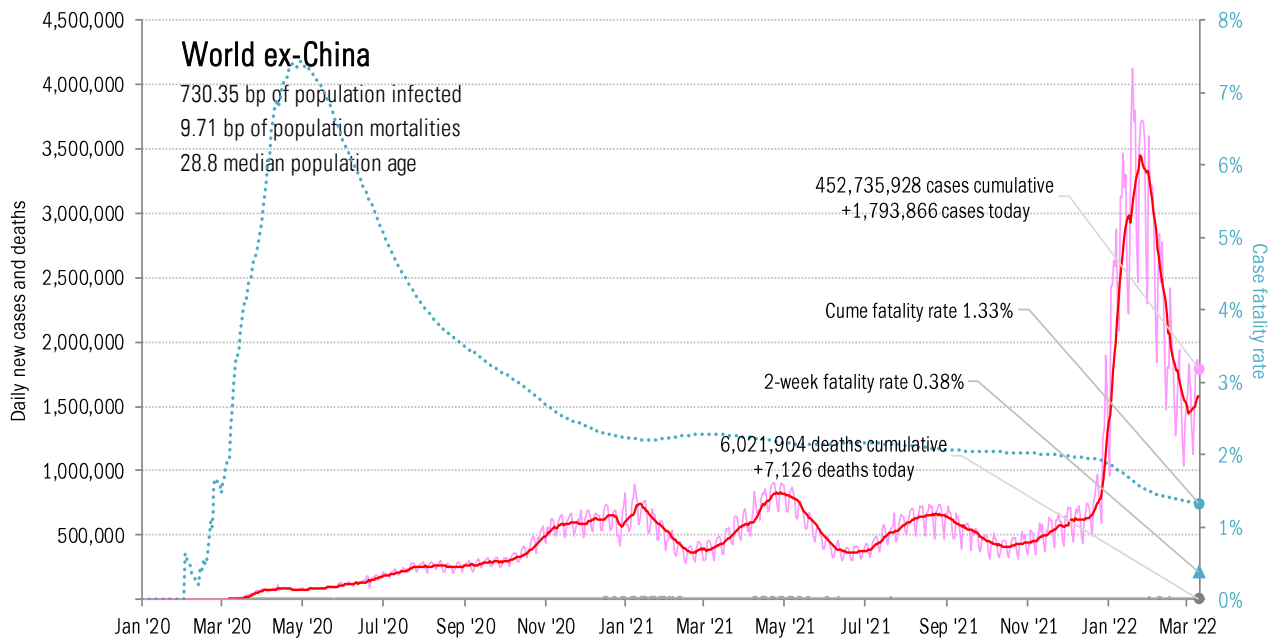
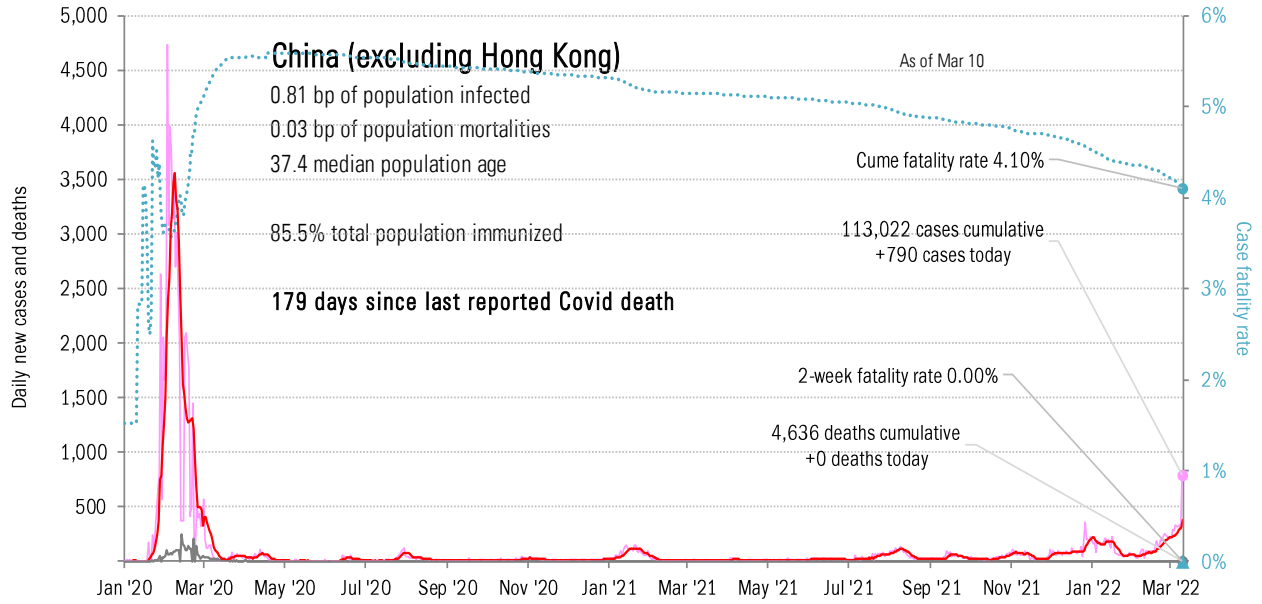
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

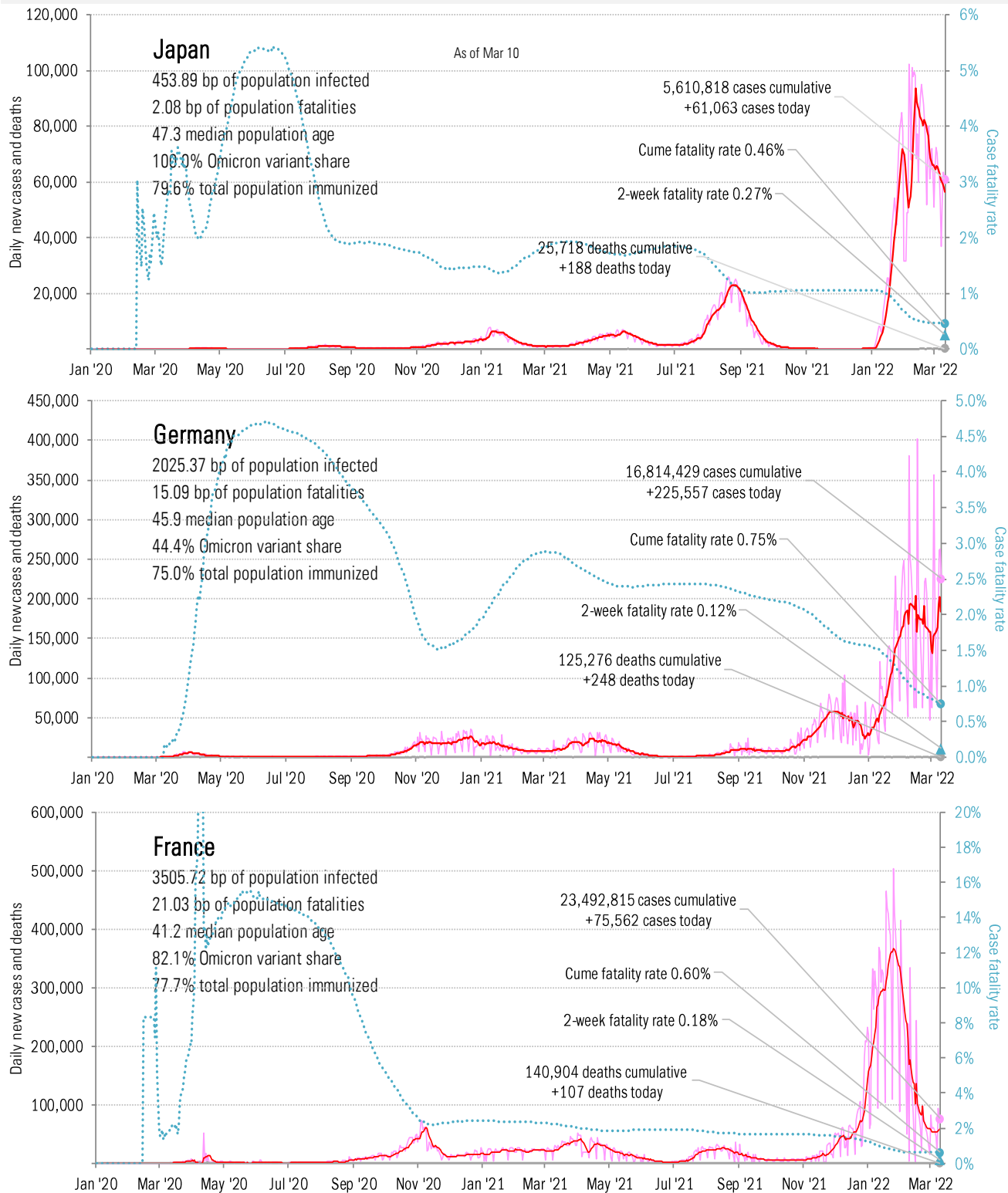
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

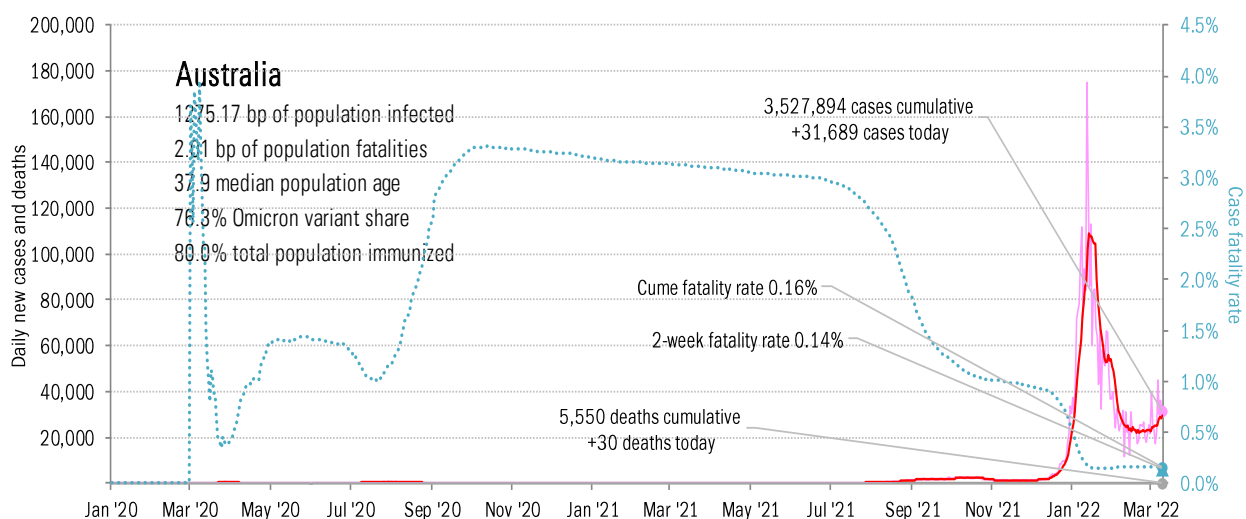
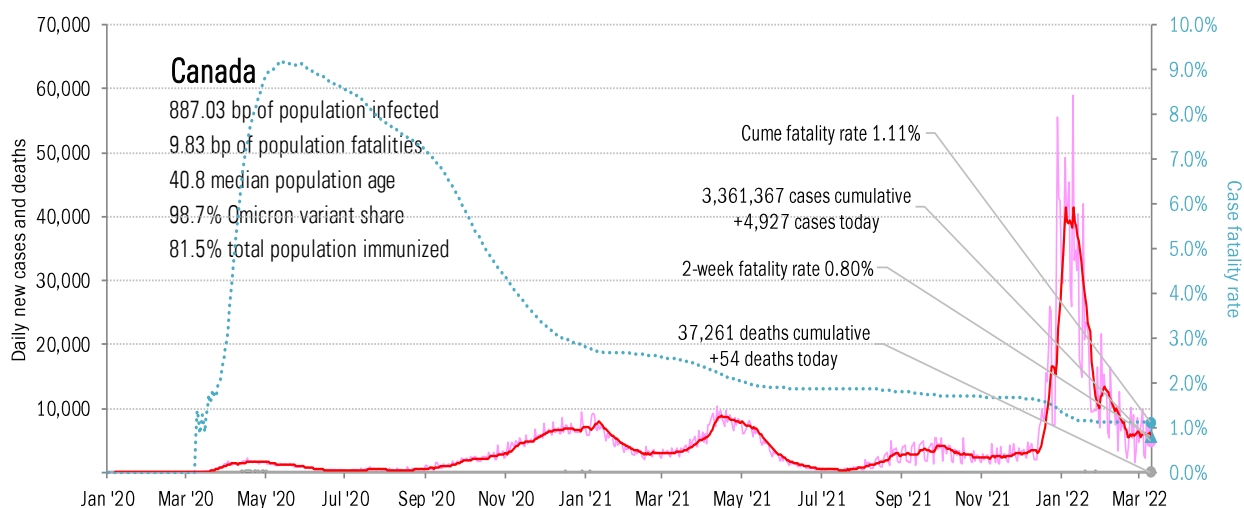
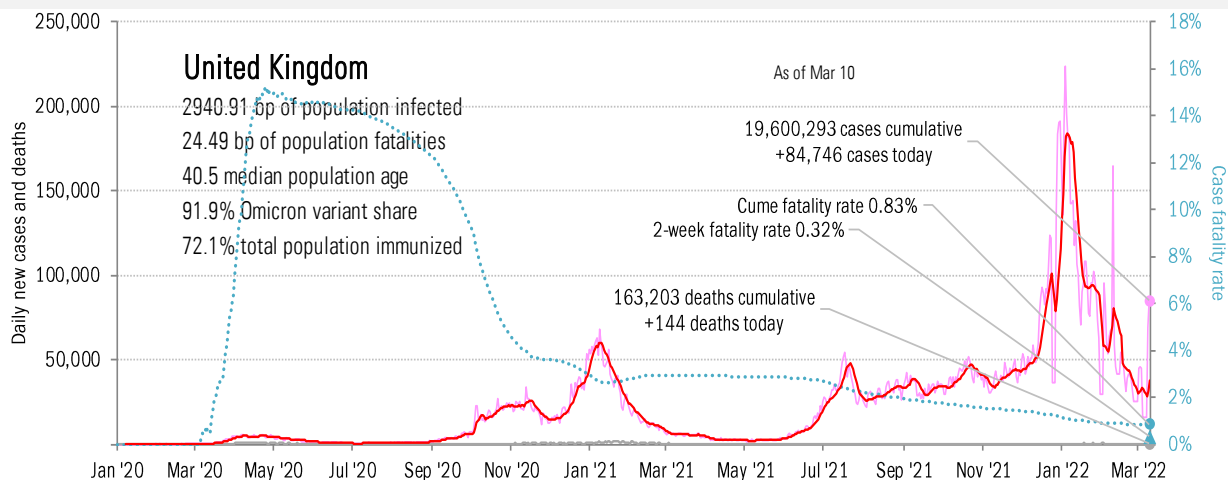
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

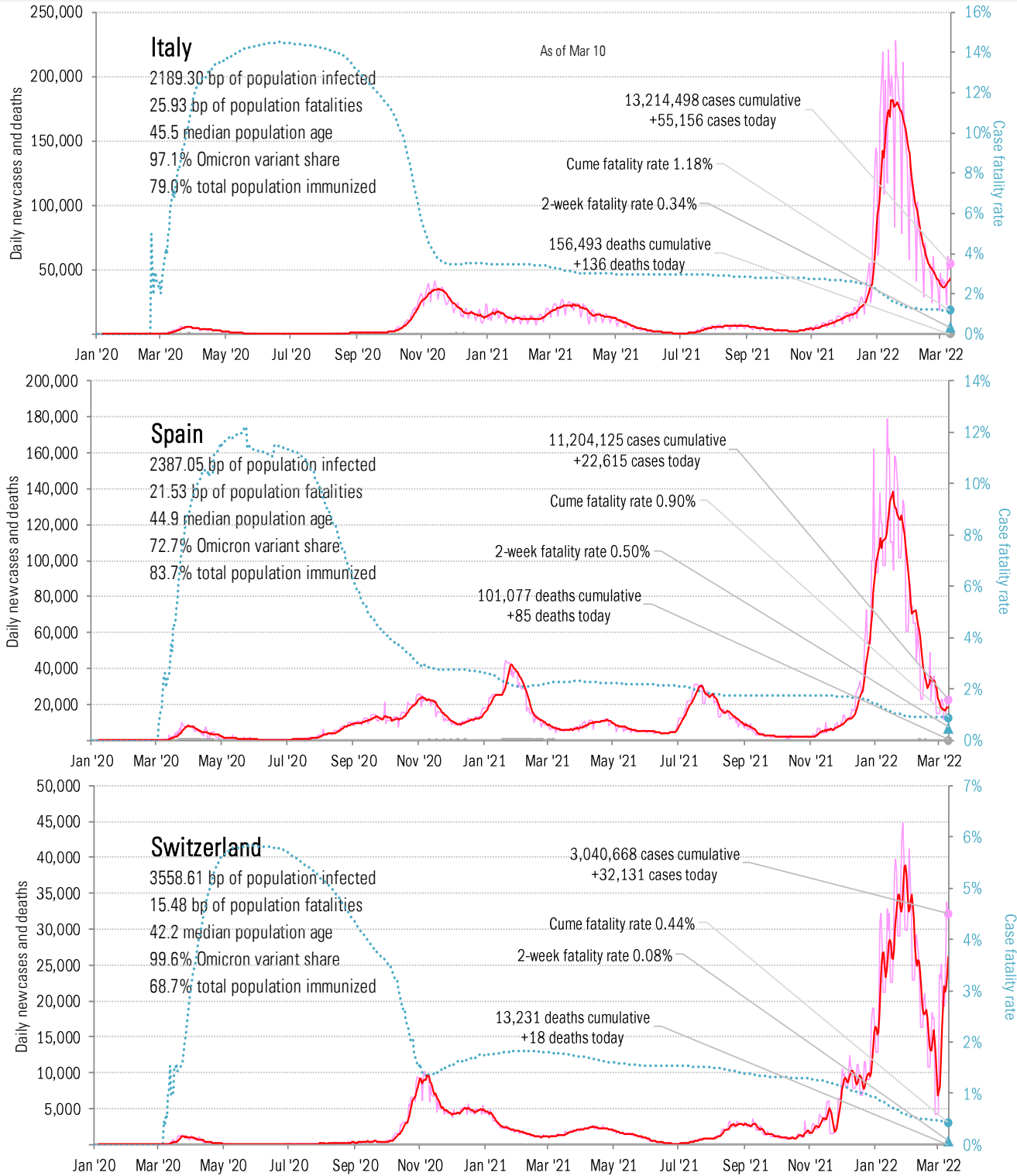
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

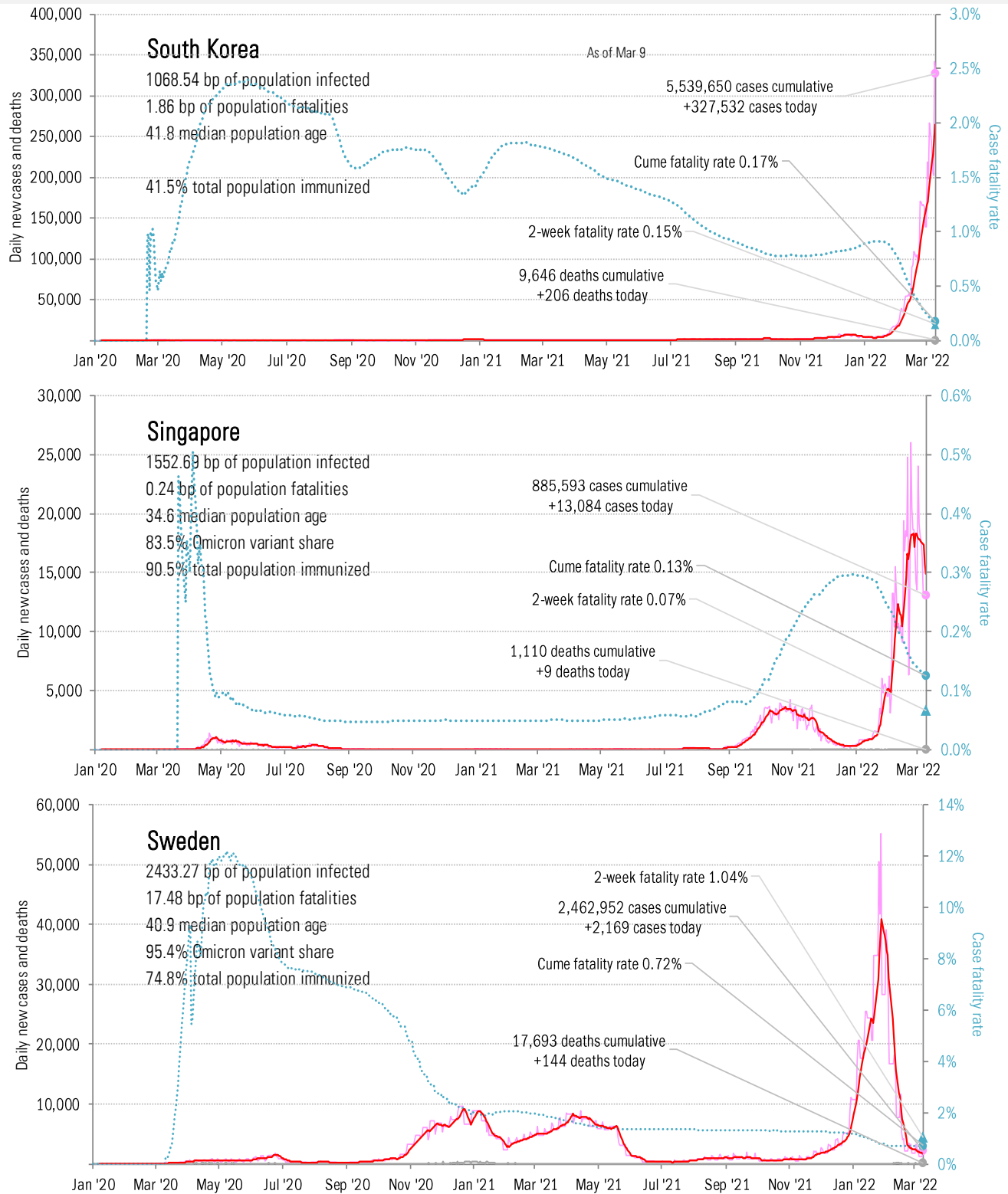
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

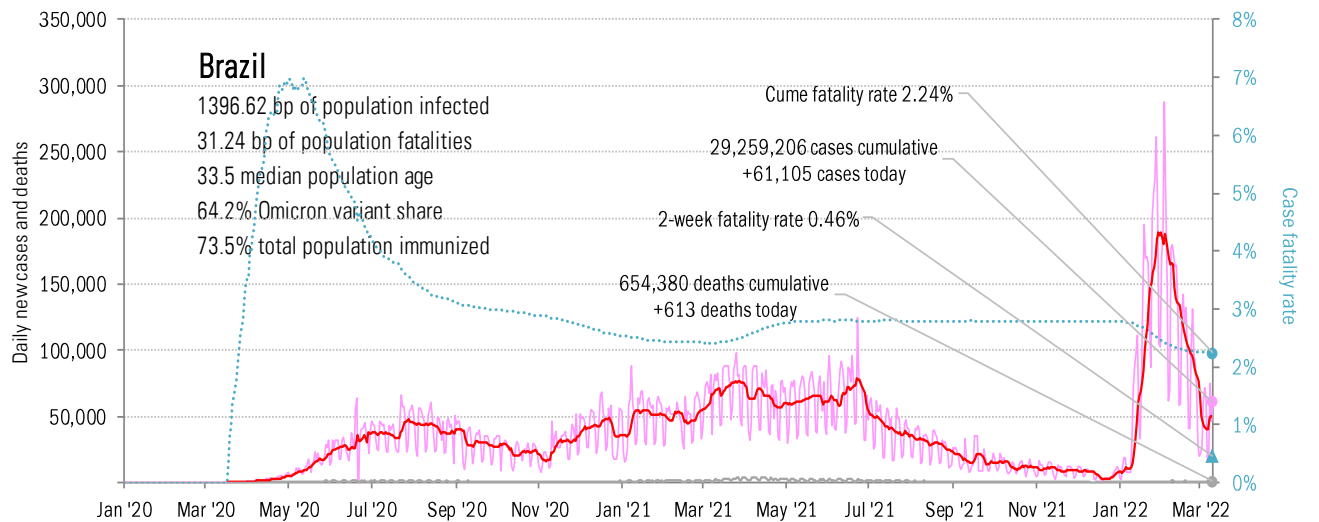
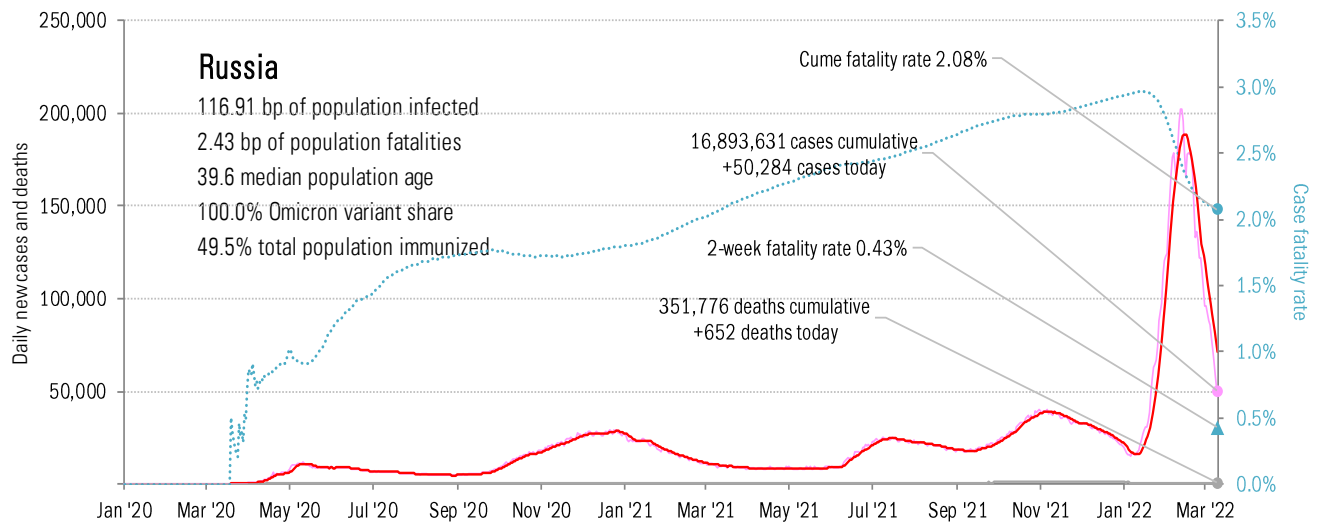
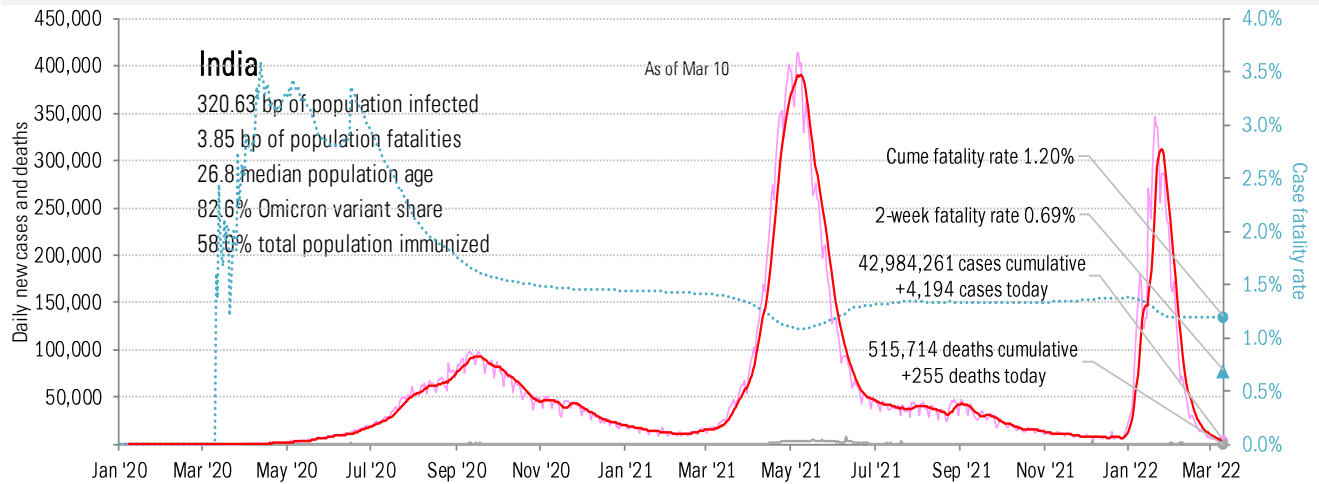
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

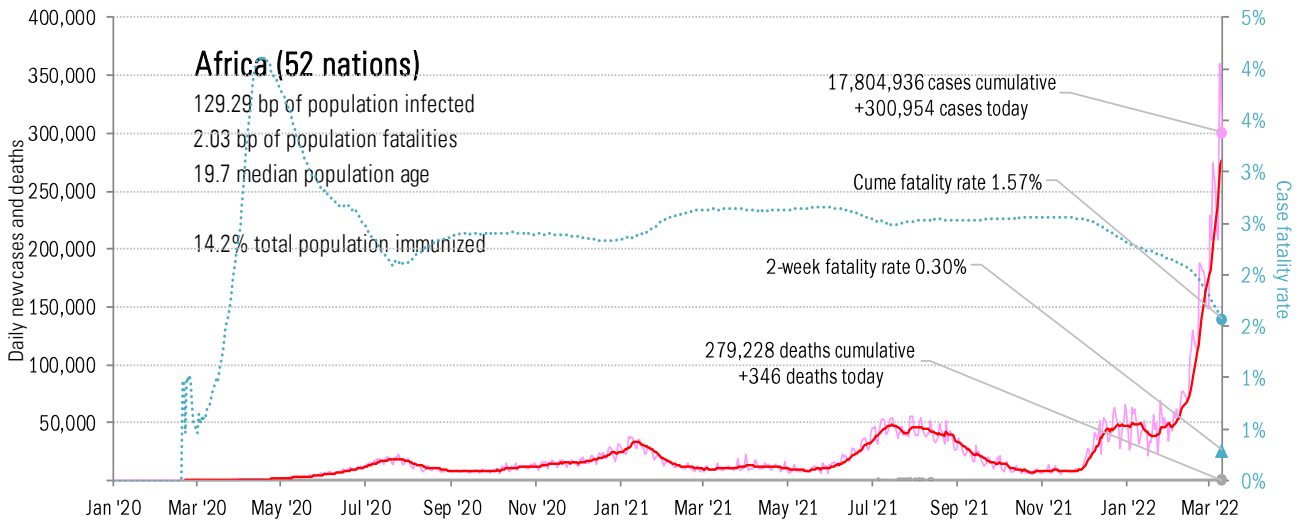
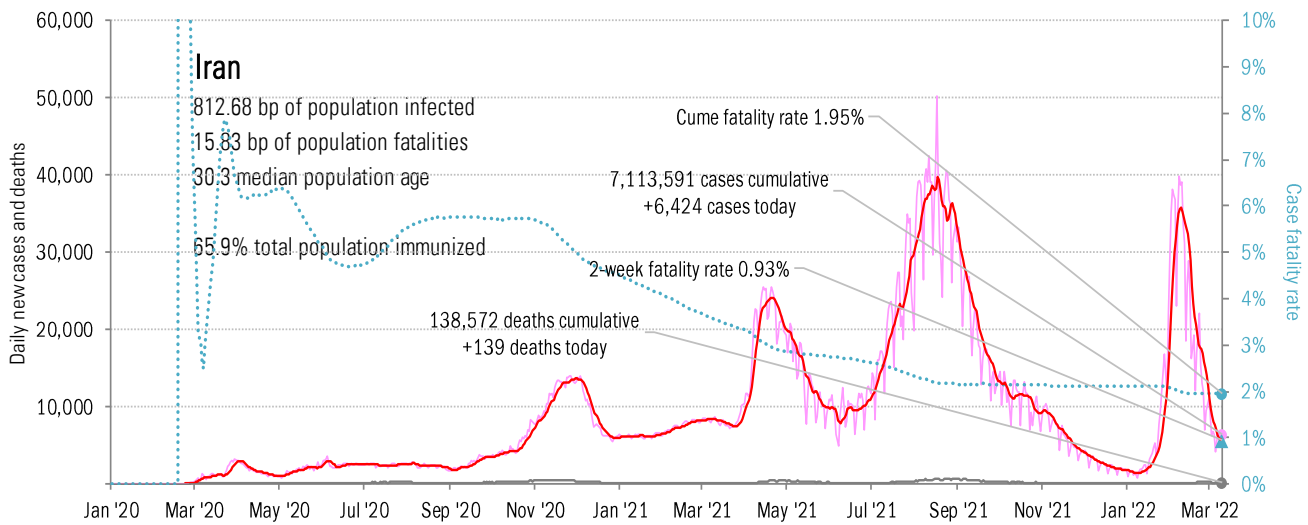
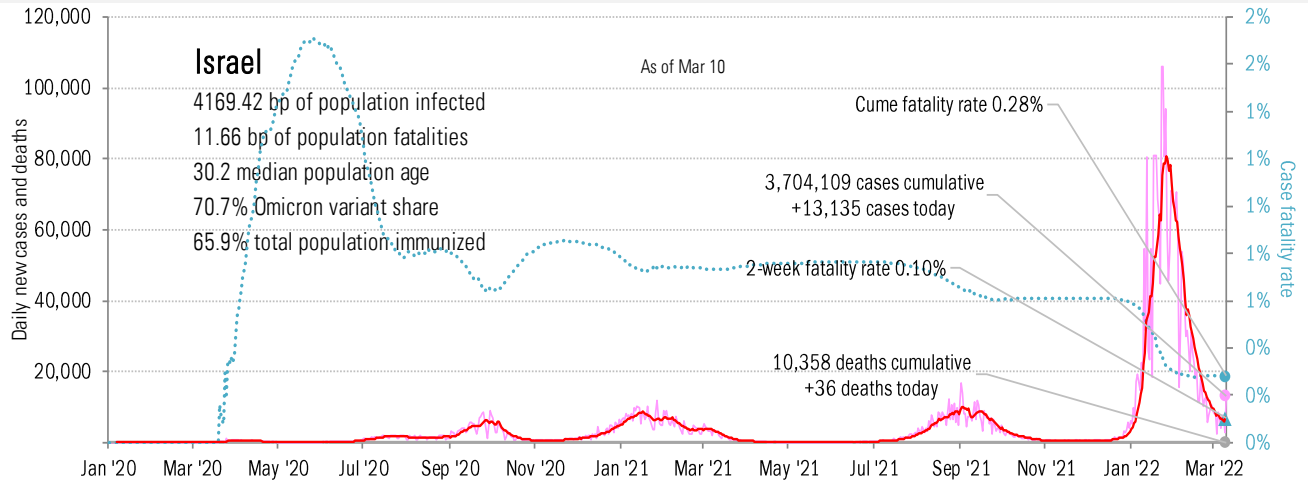
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

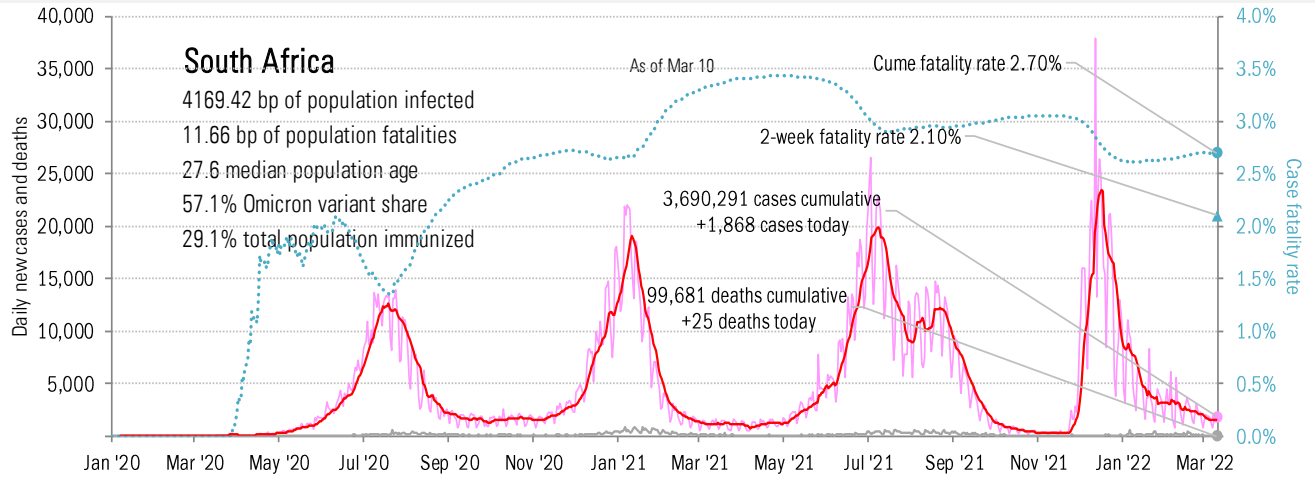
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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