

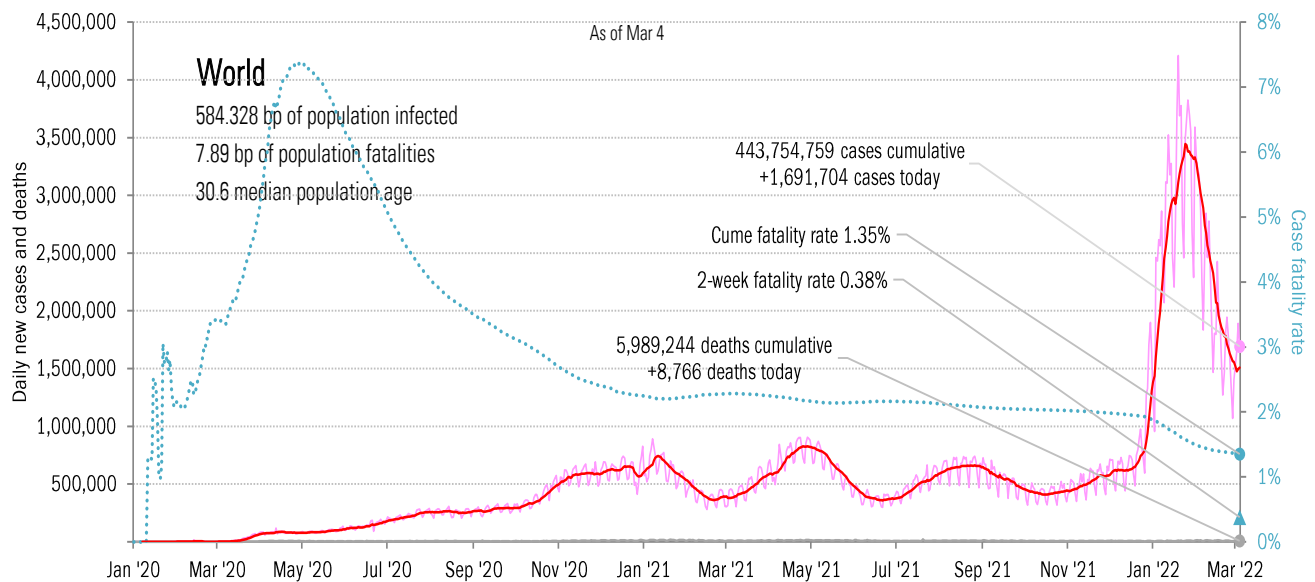
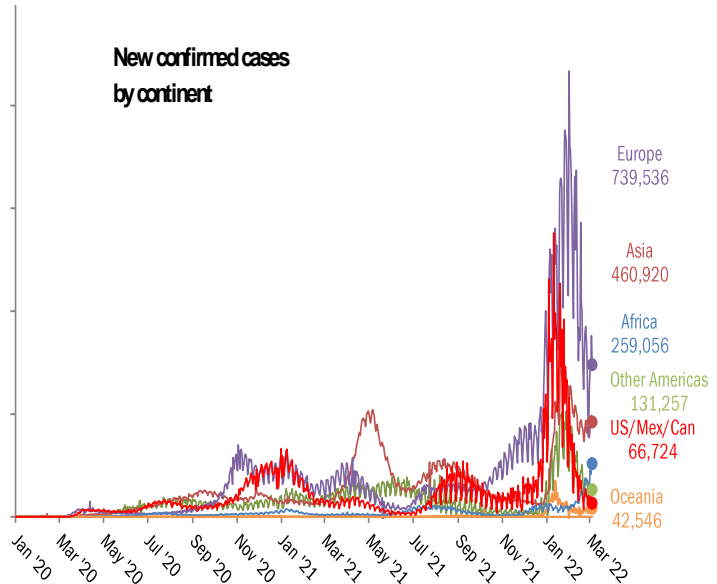
Data Insights: Covid-2019 Monitor

Saturday, March 5, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Korea, South	254,326	United States	1,881
Germany	182,713	Russia	763
Vietnam	173,631	Brazil	698
Russia	88,130	Mexico	461
Brazil	71,380	Indonesia	328
Netherlands	68,417	India	289
Japan	63,569	Germany	254
France	58,449	Japan	234
China	52,804	Philippines	232
United States	46,166	Korea, South	216
1,059,585		5,356	
World	1,691,704	World	8,766
Top ten	63%	Top ten	61%



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

For more information contact us:

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

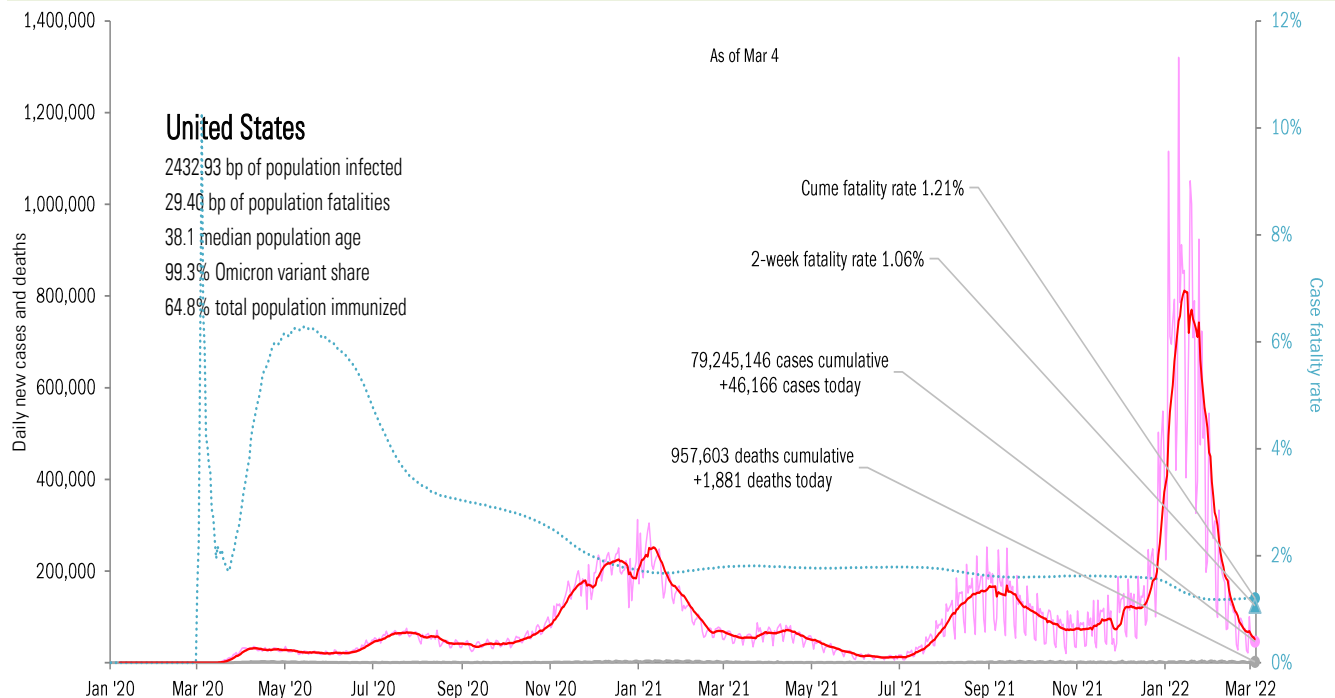
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	6,523		TX	232		CA	73		CA	9,003,969		CA	86,238		TX	481,738		MA	86%	TX	86%
FL	5,621		CA	212		TX	19		TX	6,634,694		TX	85,610		CA	416,715		RI	85%	RI	86%
TX	4,058		FL	206		AR	12		FL	5,852,689		FL	70,456		FL	409,553		GA	84%	KY	85%
WA	3,222		CH	196		IA	9		NY	4,931,337		NY	67,511		NY	241,727		WV	84%	MS	84%
NC	2,646		MI	75		ND	8		IL	3,037,199		PA	43,525		GA	203,384		MN	84%	AL	84%
MI	2,308		GA	74		VT	6		PA	2,762,093		CH	37,018		CH	188,333		MO	84%	NM	83%
MT	2,080		AL	73		ME	5		CH	2,658,276		GA	35,782		PA	173,582		WA	83%	AR	83%
KY	2,039		WA	71		HI	3		NC	2,598,014		IL	35,359		IL	154,588		NH	82%	VT	82%
ID	1,565		TN	69		FR	2		GA	2,470,384		MI	34,841		MI	138,883		MD	82%	NV	82%
NJ	1,432		VA	50		WY	2		MI	2,365,827		NJ	32,999		KY	138,550		DC	82%	CK	81%
31,494			1,258			139			42,314,482			529,339			2,547,053						
All states	46,166		1,881			-892			All states	79,245,146		957,603			4,619,314			All states	70%	67%	
Top ten	68%		67%			-16%			Top ten	53%		55%			55%			Median	78%	76%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NH	-8,041	GA	-33	GA	-290	FR	+20 bp
AZ	-3,879	WV	-33	AL	-56	AK	+10 bp
CA	-3,767	AR	-30	WV	-50	CA	+10 bp
NY	-2,040	SC	-29	MD	-36	DE	+10 bp
VA	-547	PA	-26	CO	-32	ME	+10 bp

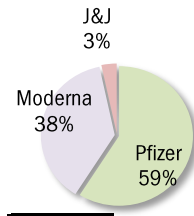


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	569,489,133		+0.186 million	US	64.8%	76.5%
Boosters	96,190,262		+0.087 million	UK	71.9%	77.2%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	261,541,867	78%	222,209,773	67%	+0.049 million	France 77.6% 80.0%
Age 12 to 17	17,362,826	69%	14,789,327	58%	+0.005 million	Spain 83.7% 87.9%
Age 18 to 64	176,284,042	87%	149,476,534	73%	+0.027 million	Germany 74.9% 75.7%
Age 65 and over	58,215,522	100%	50,373,739	92%	+0.004 million	Italy 78.8% 83.9%

Israel	65.9%	72.1%
Canada	81.3%	85.6%
Japan	79.6%	80.7%
Africa	12.2%	18.5%
India	57.3%	69.4%
Brazil	72.7%	83.2%
China	85.5%	87.9%



State
AK
68.6%
61.1%

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

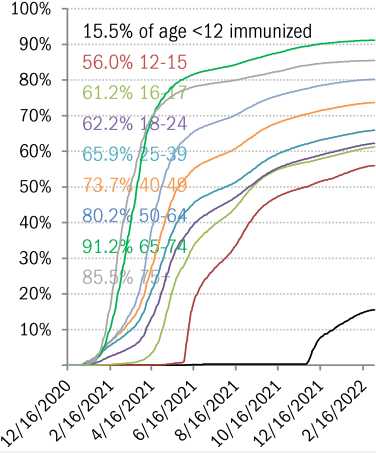
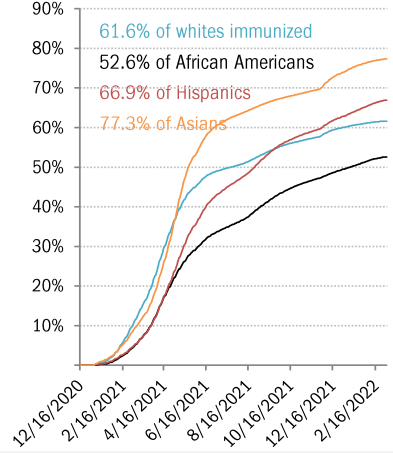
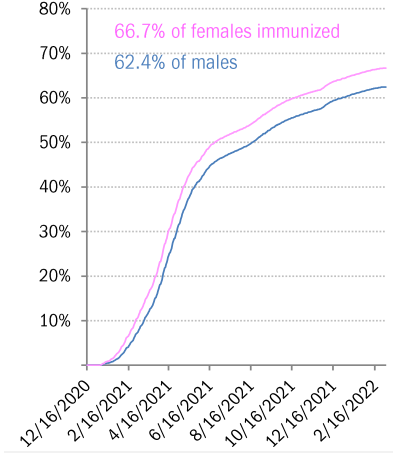
Best
Middle
Worst

Immunity = two doses

As of Mar 4

WI	71.1%	64.7%	ME	89.3%	78.5%															
WA	79.8%	60.4%	MT	64.6%	ND	64.5%	MN	74.4%	IL	76.0%	MI	66.2%	NY	89.1%	VT	92.8%	NH	95.0%		
OR	77.0%	74.1%	WY	58.1%	SD	75.0%	IA	67.3%	IN	60.7%	OH	62.9%	PA	83.5%	NJ	89.2%	MA	95.0%		
CA	81.8%	71.2%	CO	78.4%	NE	69.5%	MO	65.4%	KY	65.3%	WV	64.3%	VA	84.6%	MD	85.0%	CT	94.0%	RI	95.0%
AZ	71.6%	86.1%	NM	86.1%	KS	73.6%	AR	65.8%	TN	61.4%	NC	82.4%	SC	66.6%	DC	95.0%	DE	81.9%		
OK	70.1%	60.2%	LA	60.2%	MS	58.9%	AL	62.0%	GA	64.4%										
TX	71.3%	60.2%	FL	78.2%	66.0%	PR	95.0%	81.7%												
HI	86.4%	77.4%																		

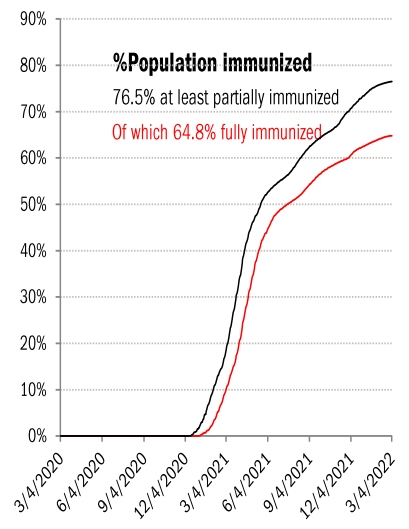
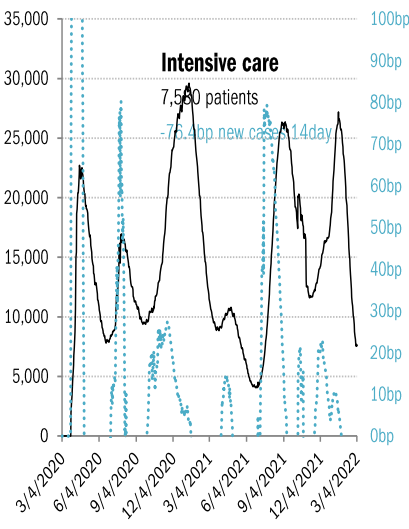
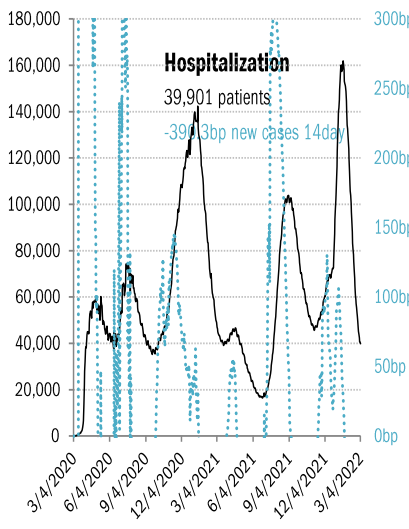
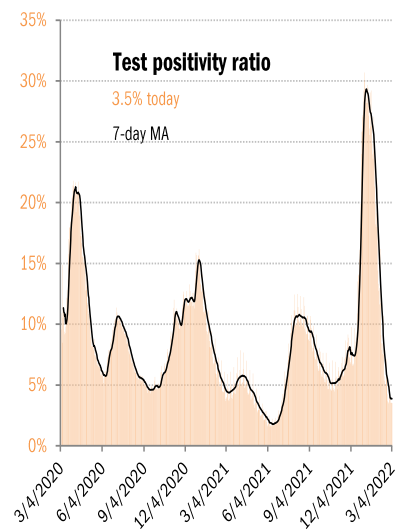
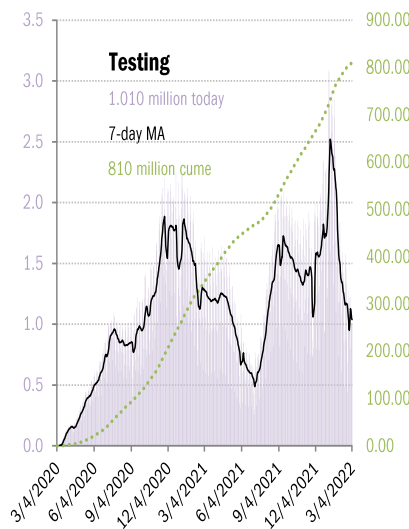
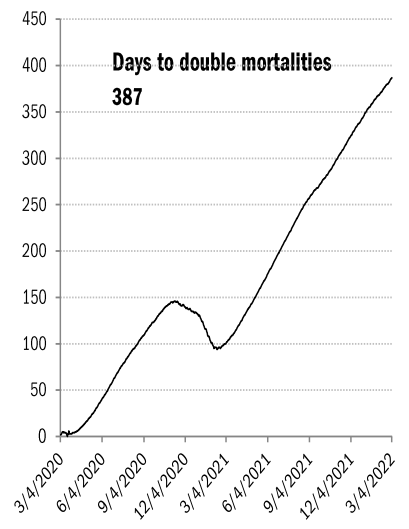
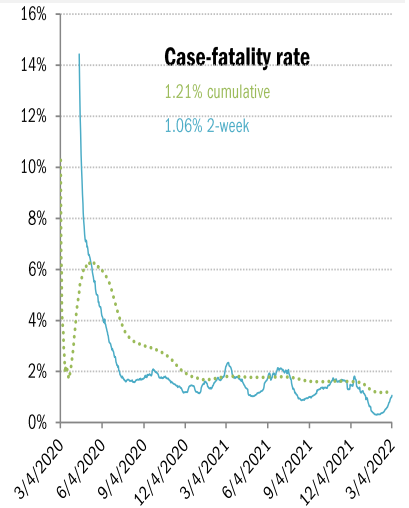
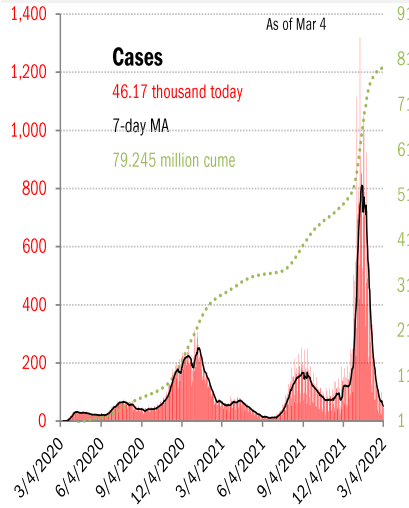
The demographics of US vaccination



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

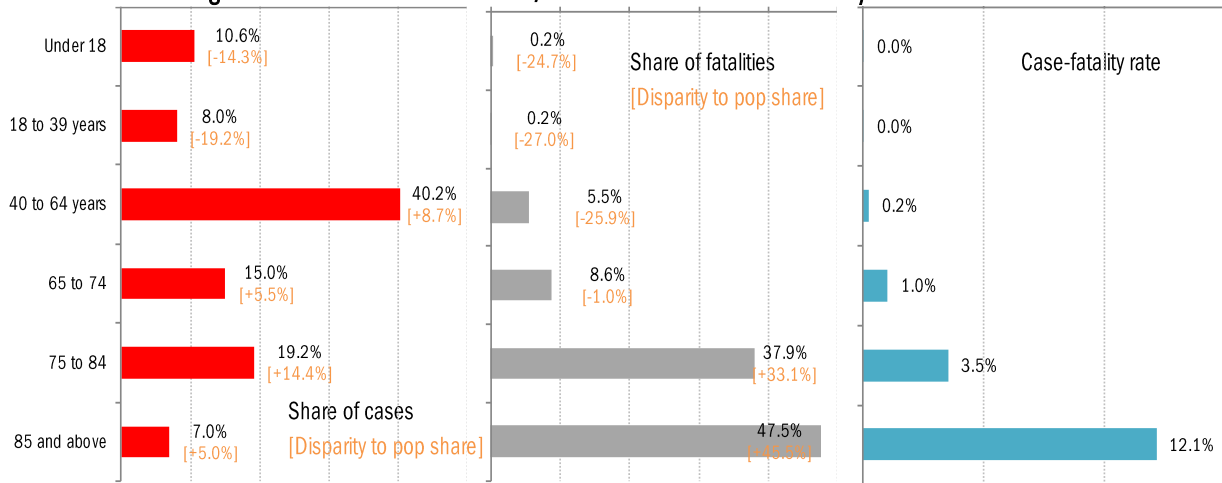
US deep-dive

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

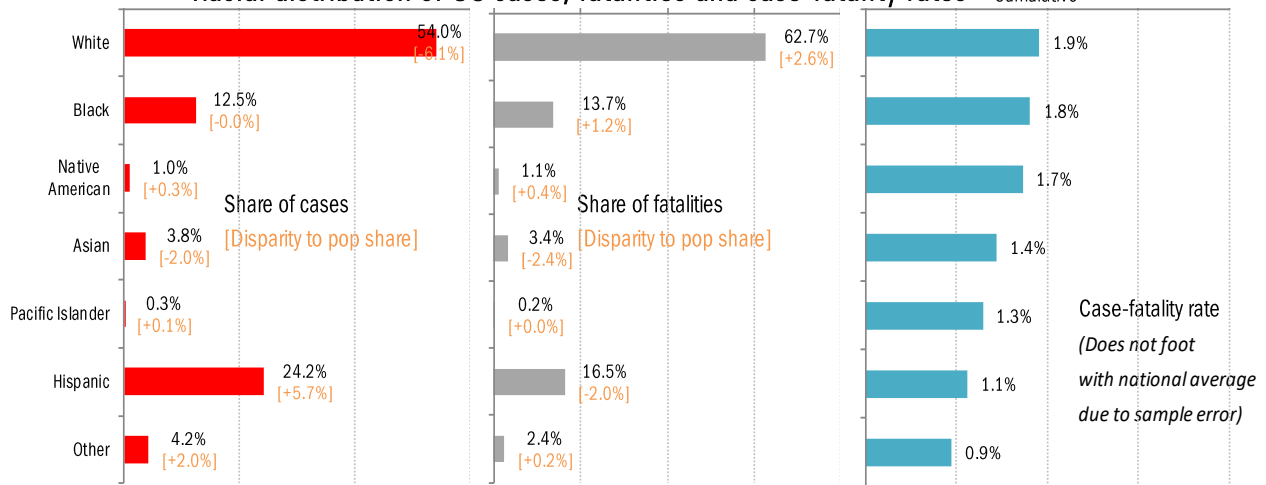


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

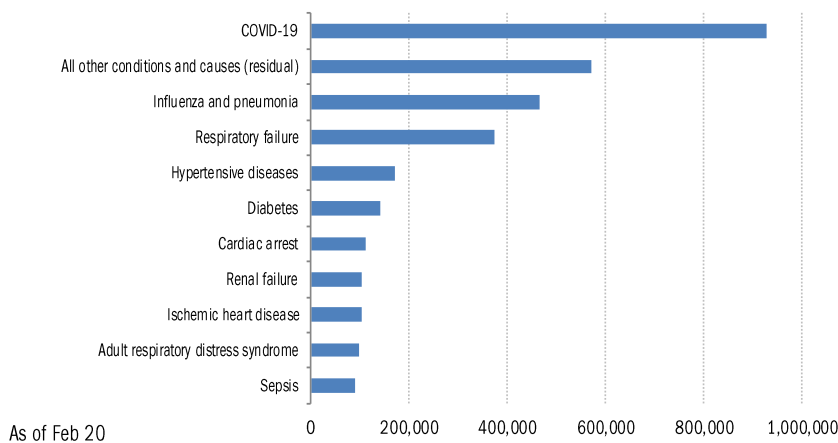


Racial distribution of US cases, fatalities and case-fatality rates



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

[Adams Ends Pandemic Mandates in New York City Amid Concern He Is Rushing](#)

Emma G. Fitzsimmons
New York Times
March 4, 2022

[Edward Dowd Explains Bombshell 'Fraud' Charge re Pfizer Hiding Deaths Data](#)

Daily Clout
March 4, 2022

[What We've Missed by Working From Home](#)

Paula Marantz Cohen
Wall Street Journal
March 4, 2022

[France to lift COVID vaccine passport rules on March 14, just before presidential election](#)

Reuters
March 3, 2022

[Companies Bet You're Ready to Test at Home for More Than Covid-19](#)

Austen Hufford
Wall Street Journal
March 3, 2022

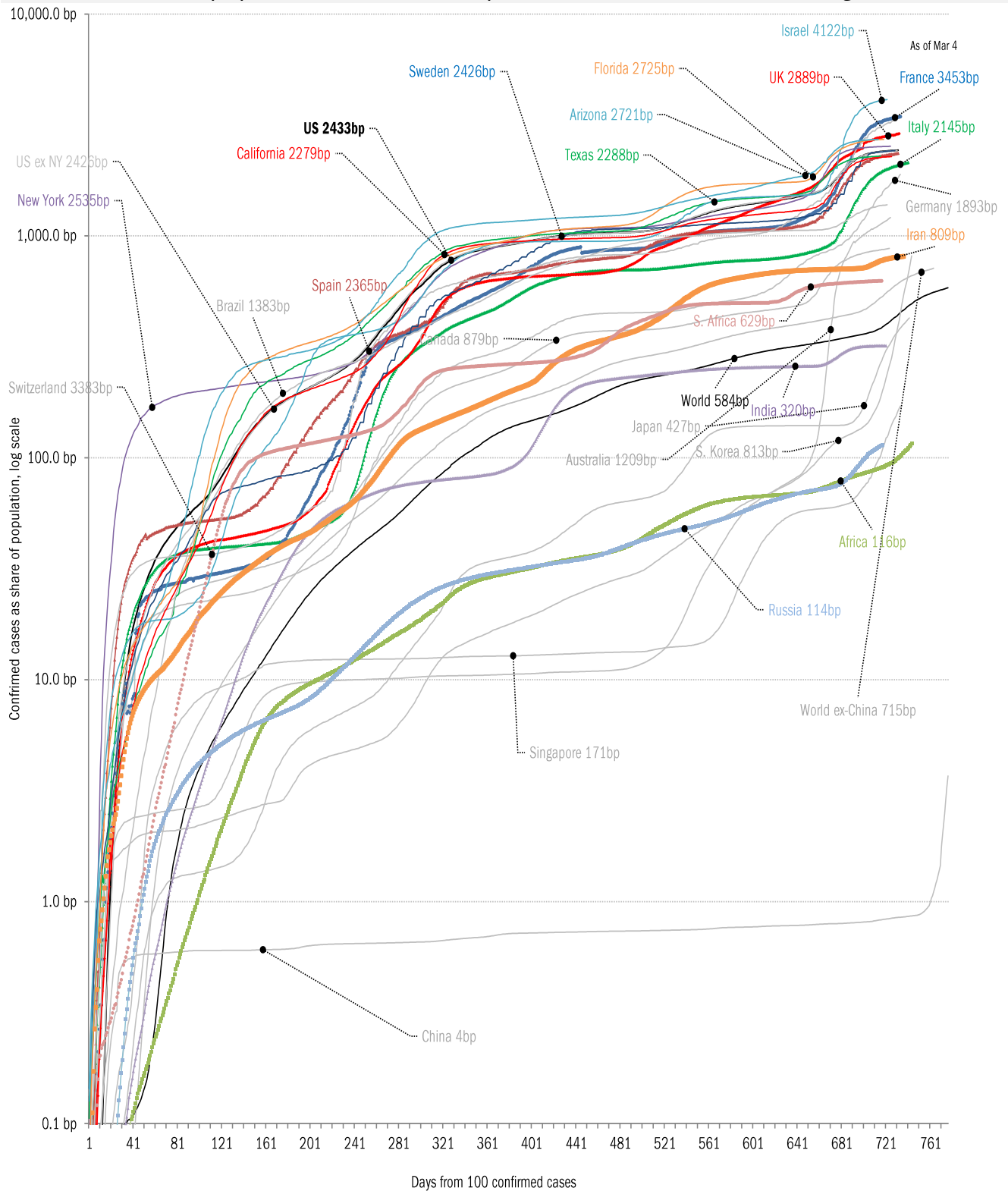
Meme of the day



Putin Receives Nobel Prize In Medicine For Ending COVID Pandemic

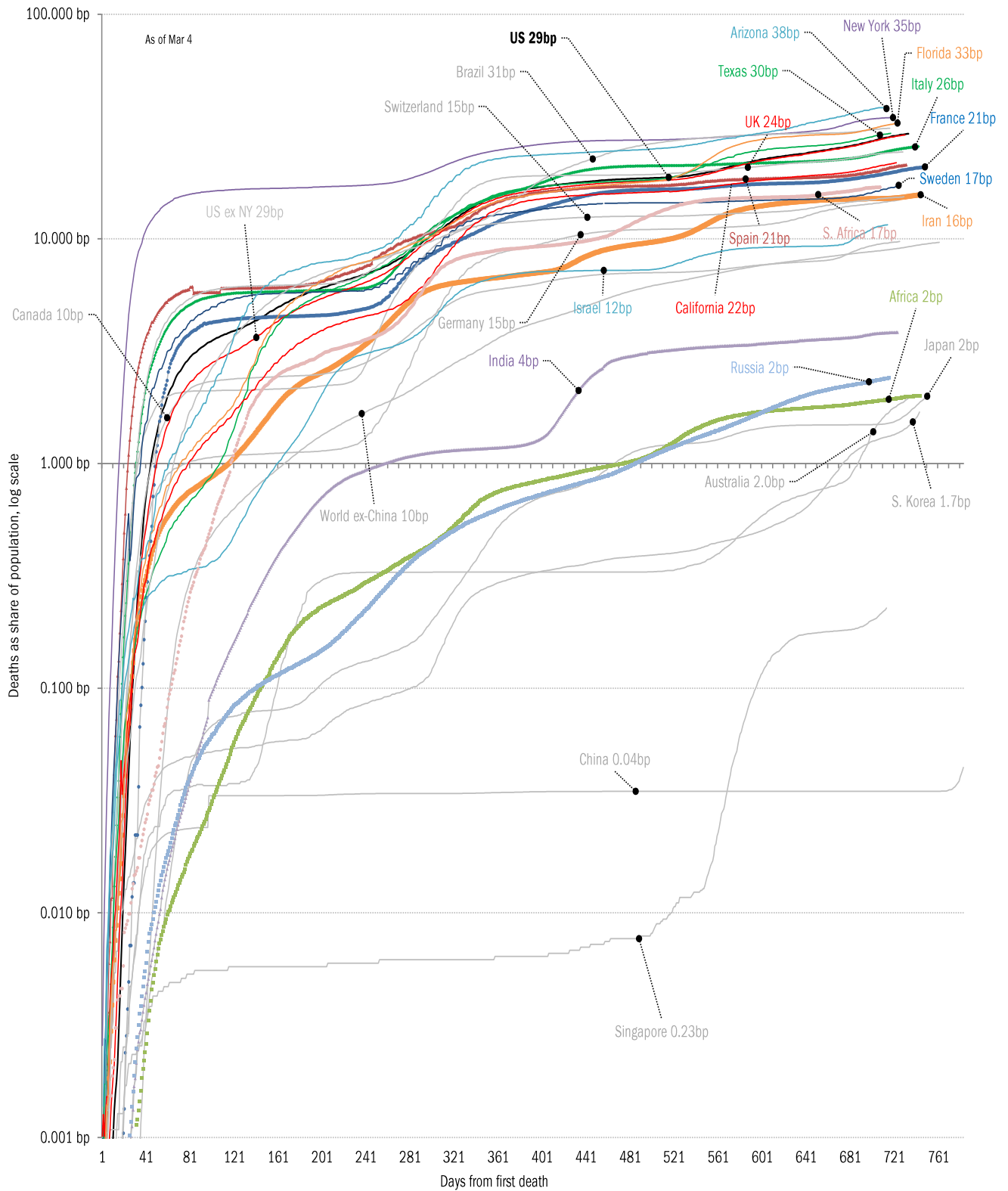
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

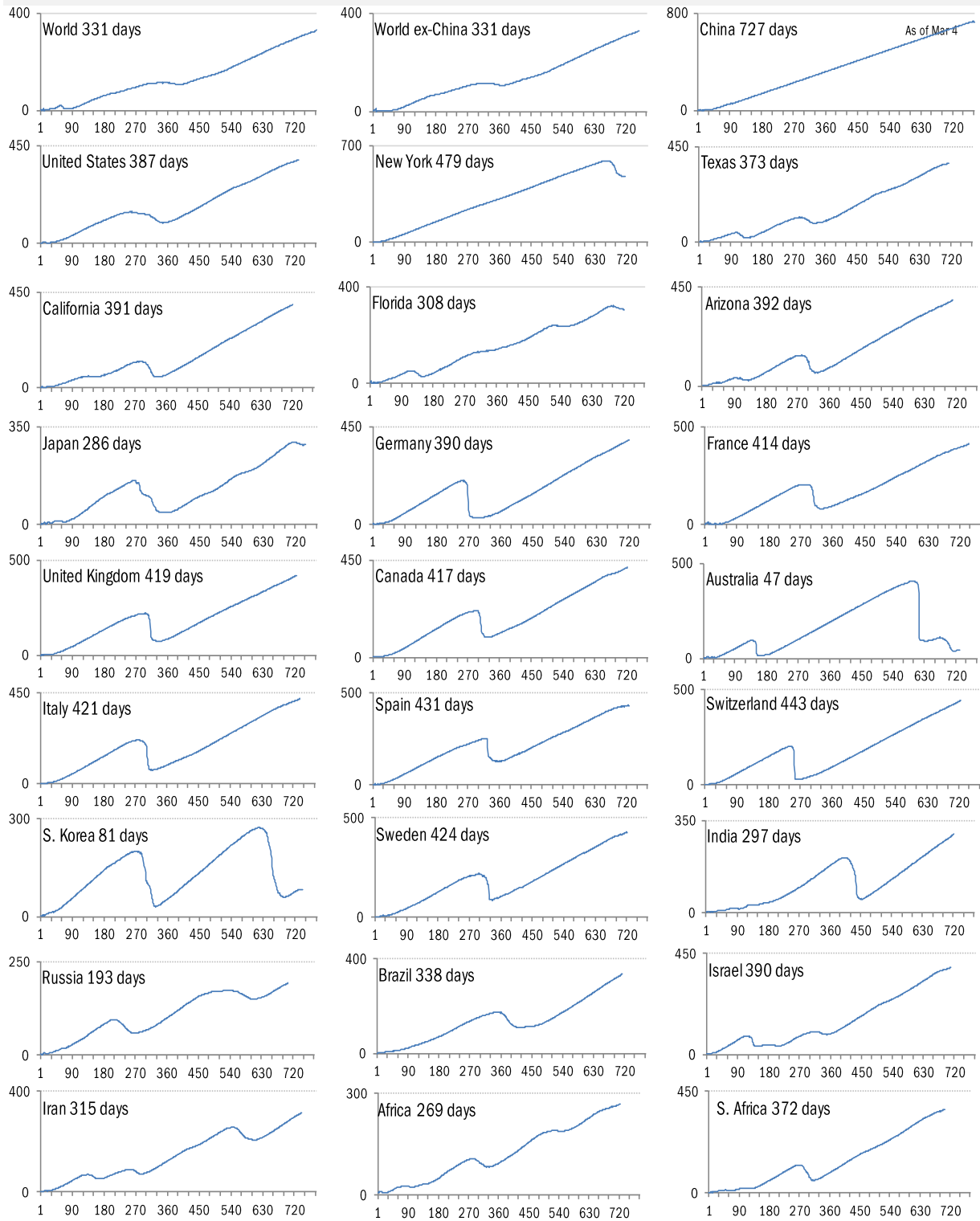


Source: [Johns Hopkins](#), TrendMacro calculations

"Exponential"? Our most reliable evidence of the rate of spread of Covid-2019

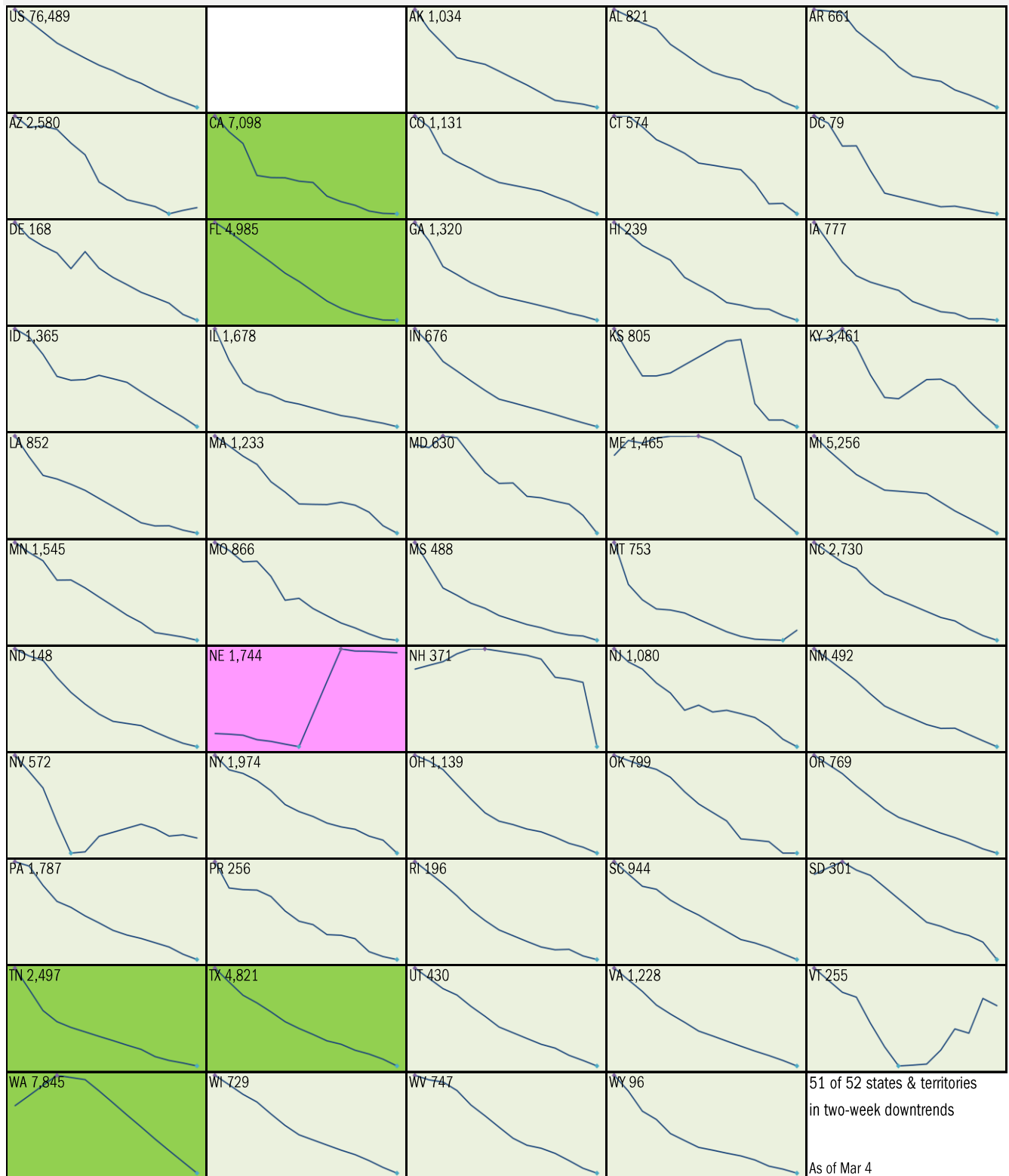
Vertical: days to double deaths Horizontal: days from first death

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

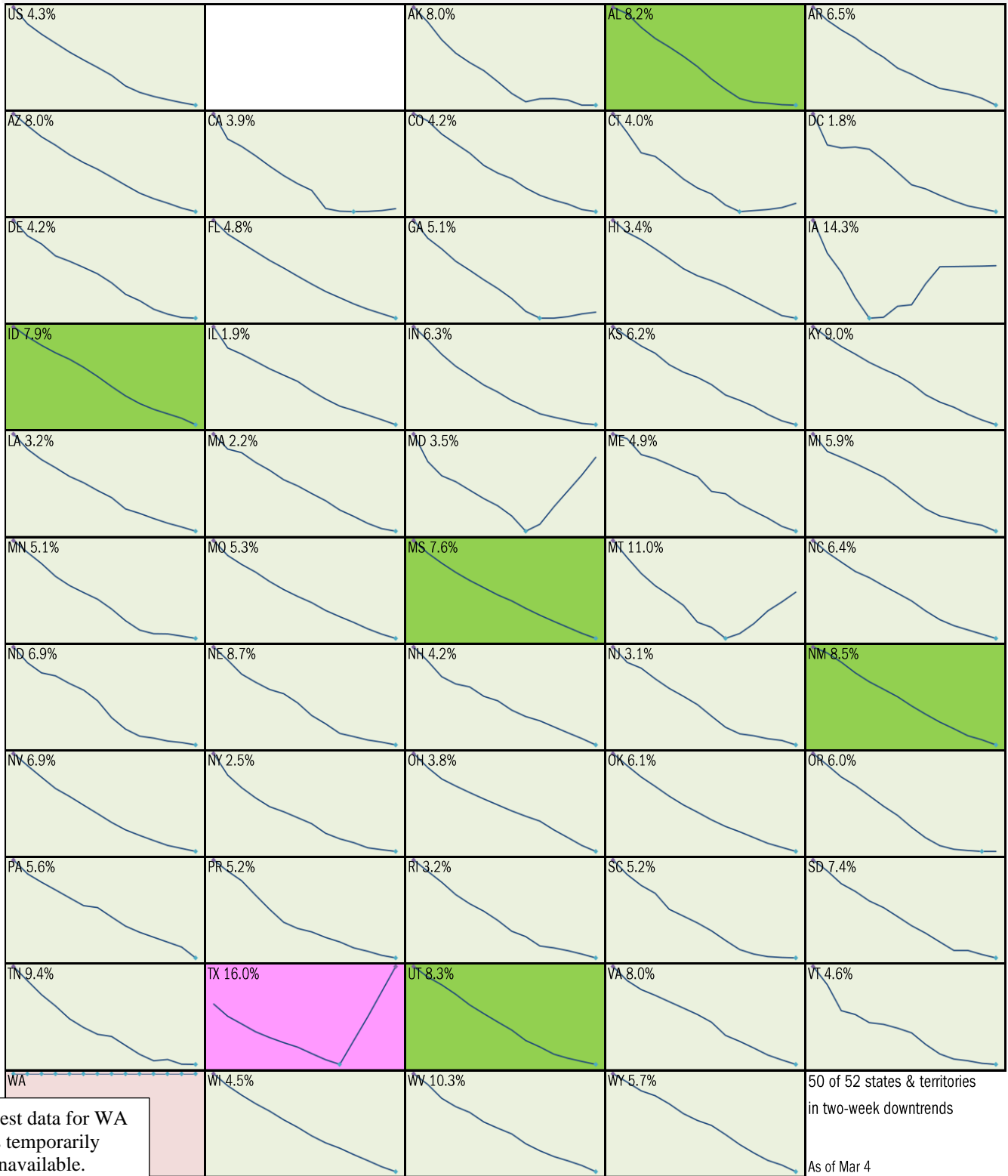


Source: [Johns Hopkins](#), TrendMacro calculations

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

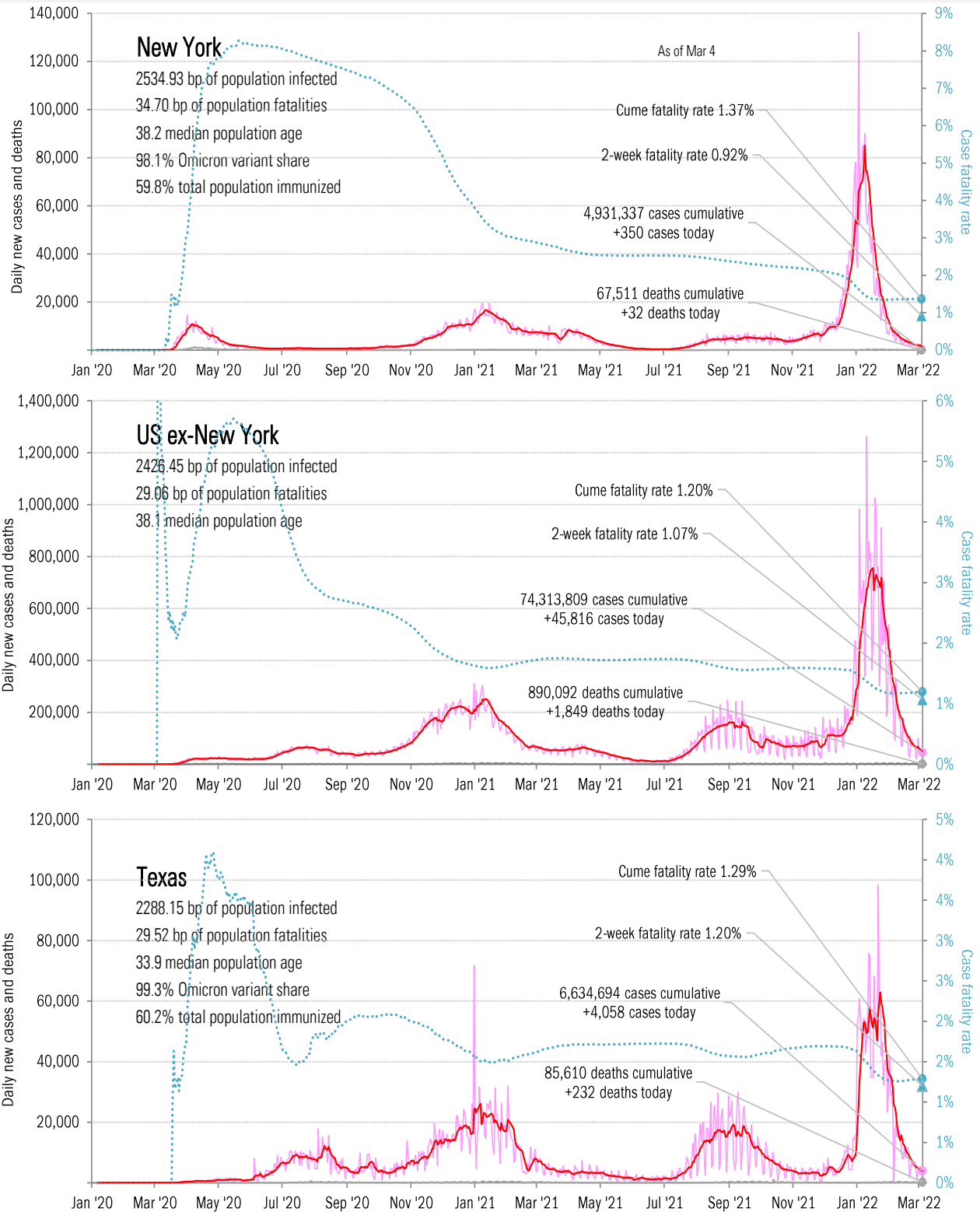
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

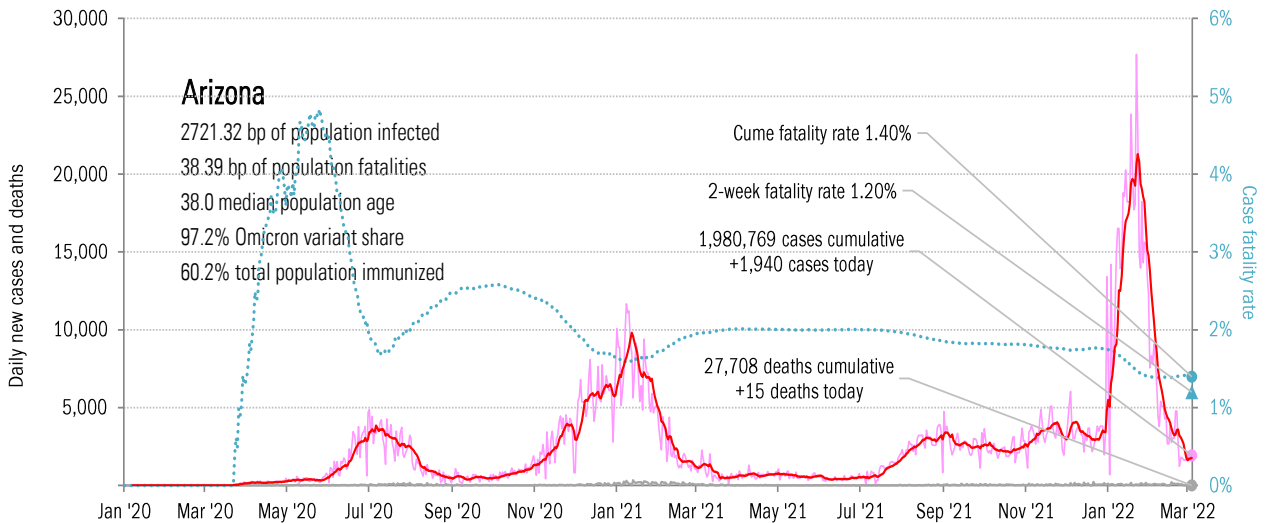
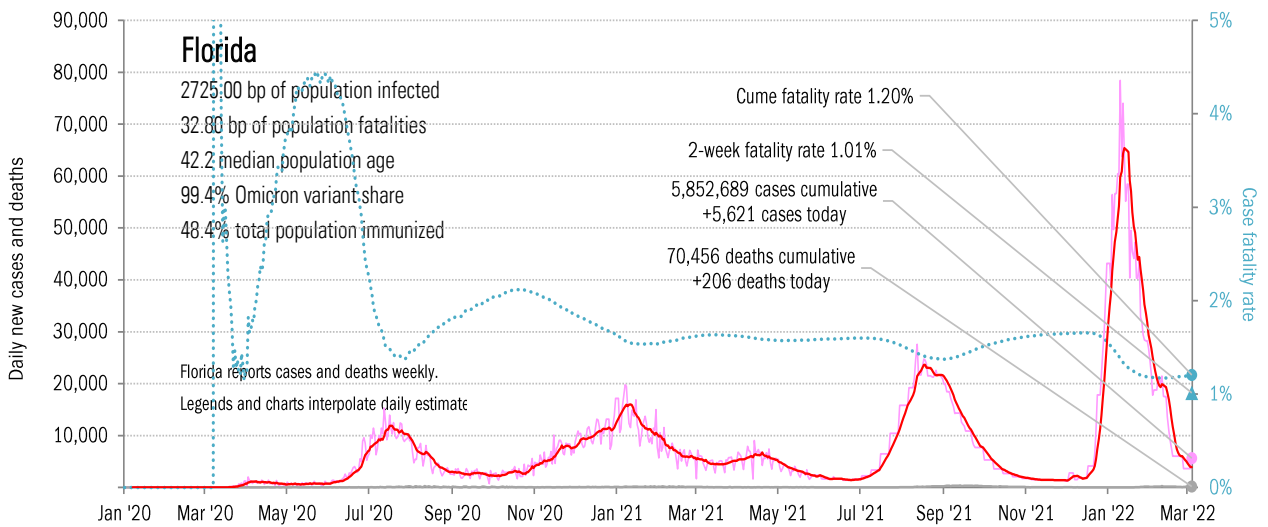
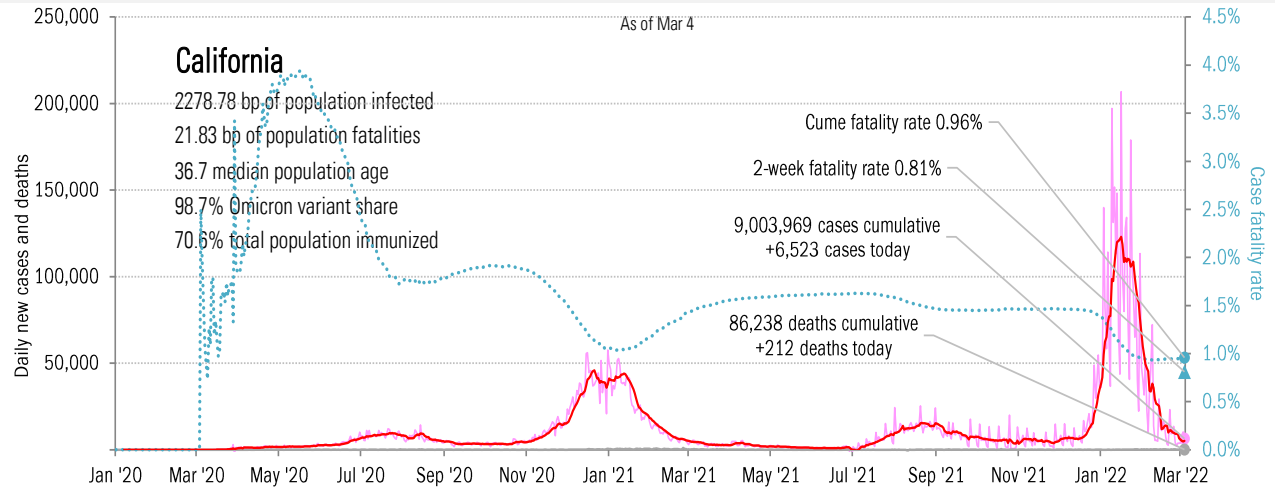
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

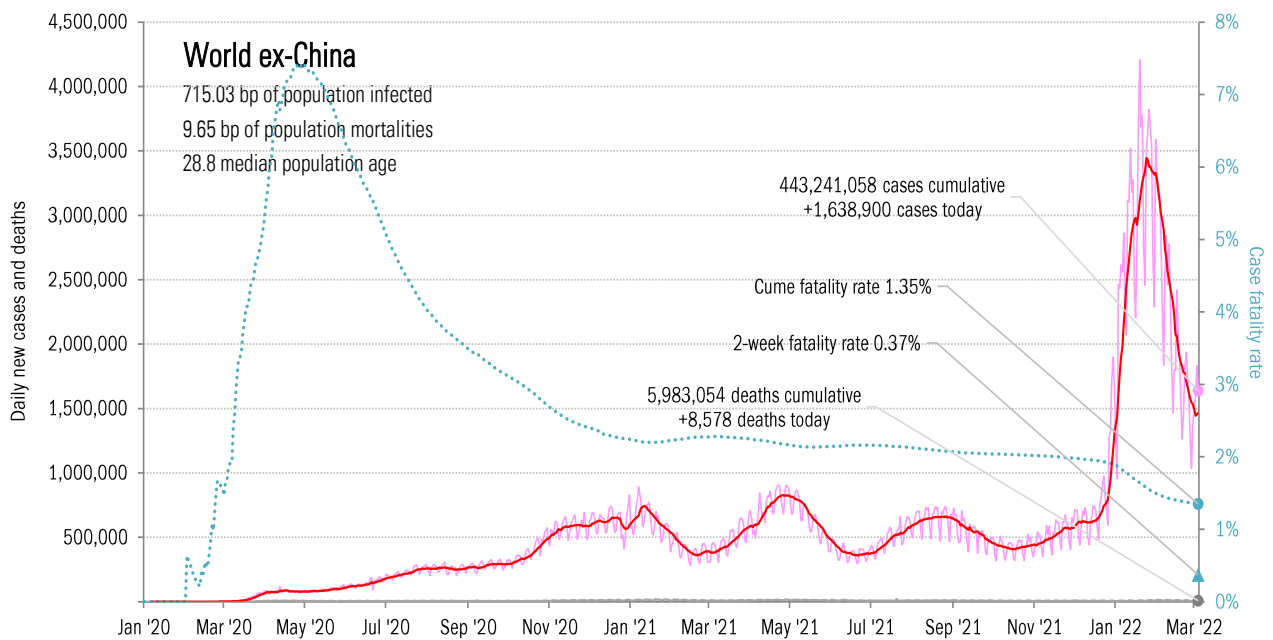
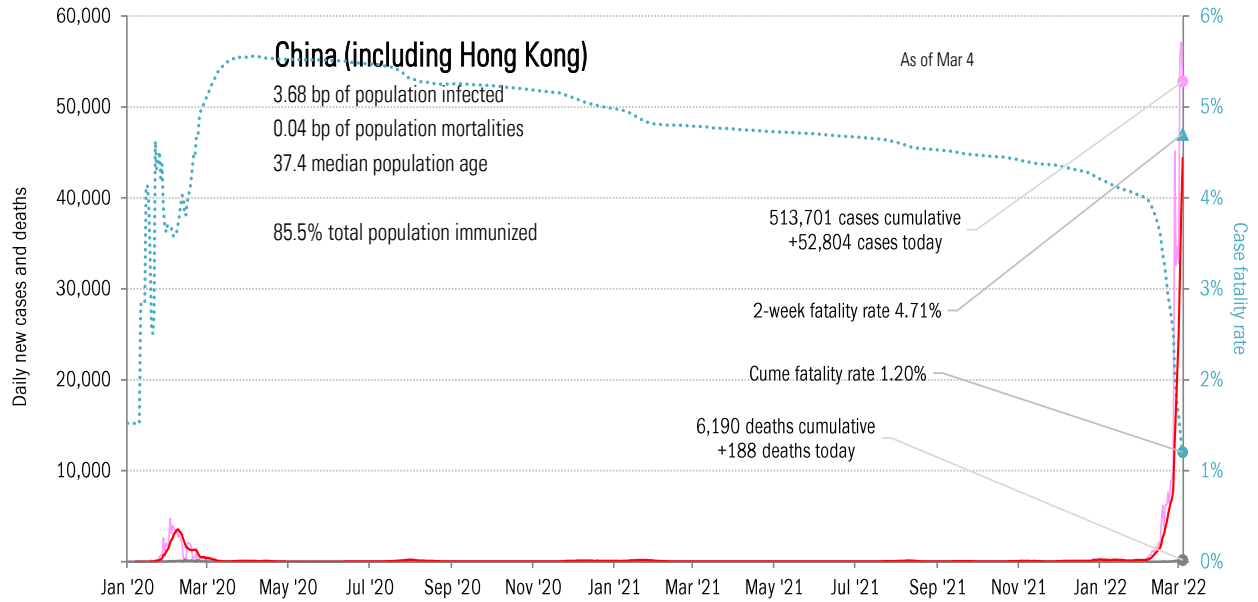
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

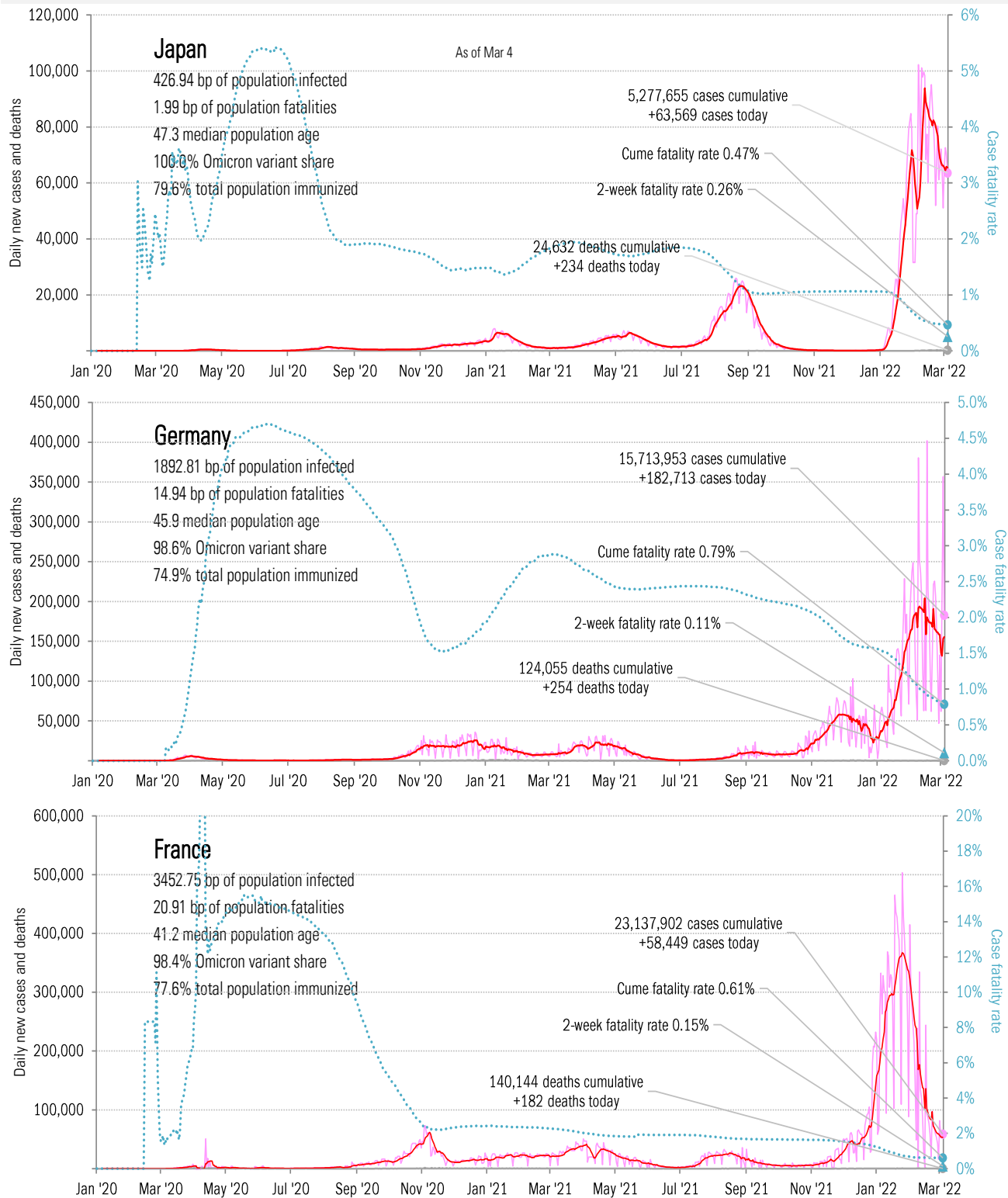
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

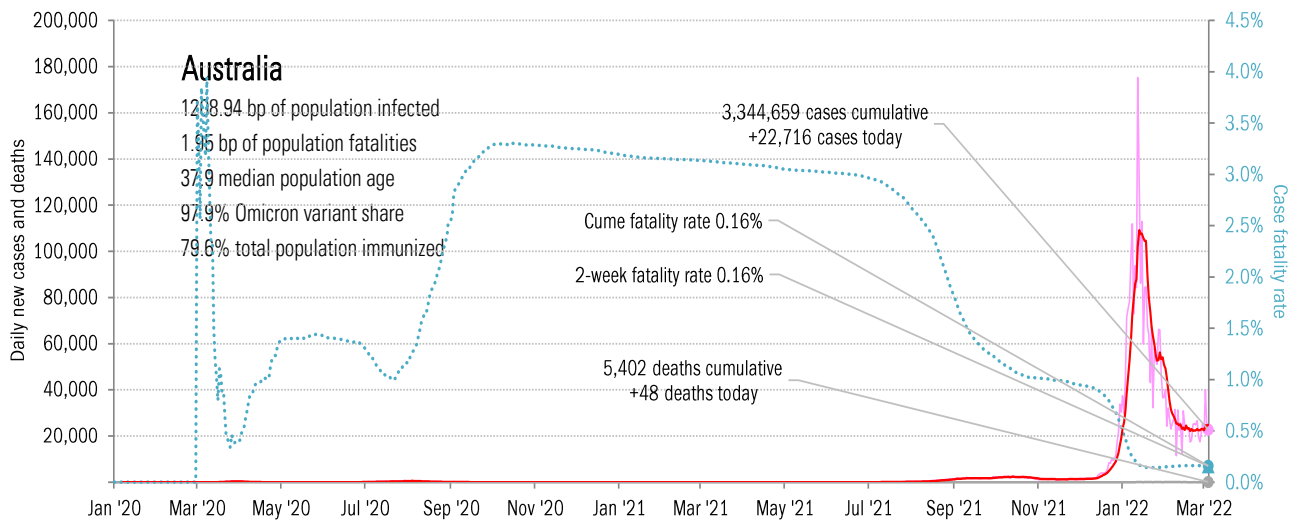
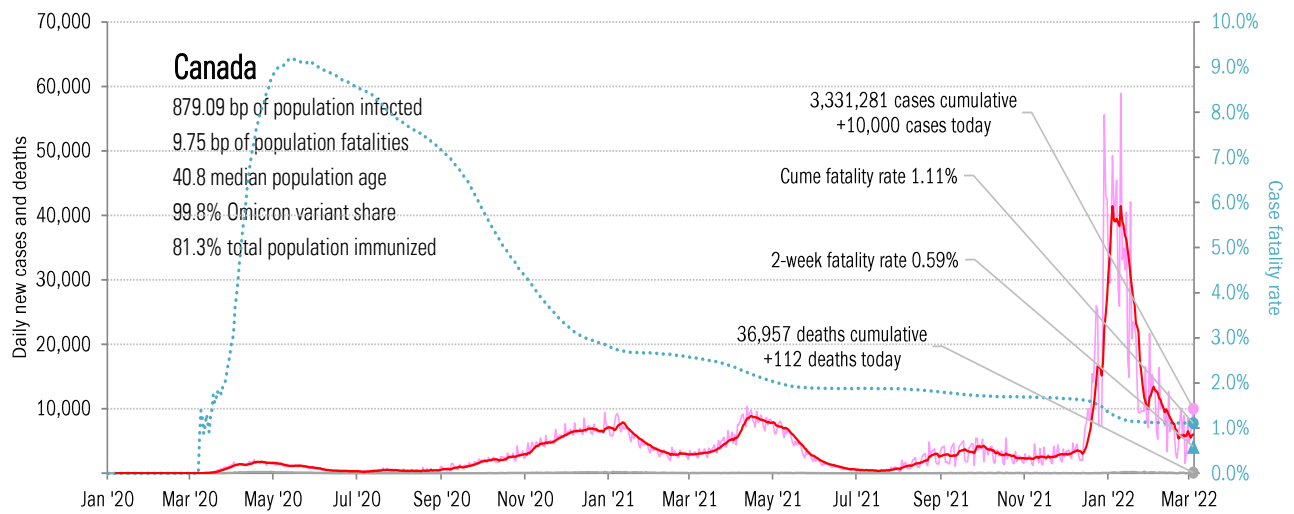
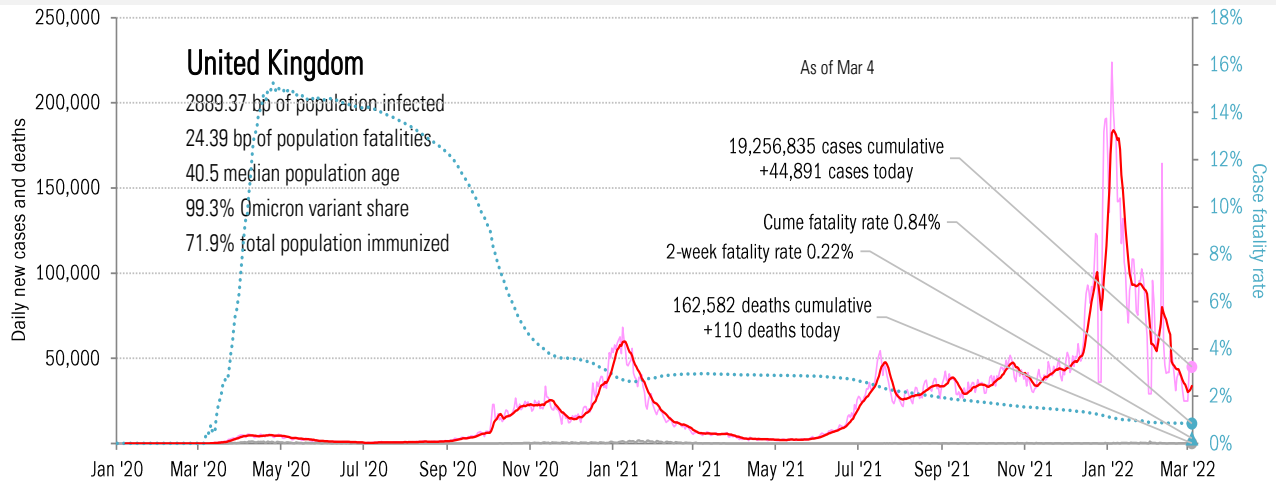
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

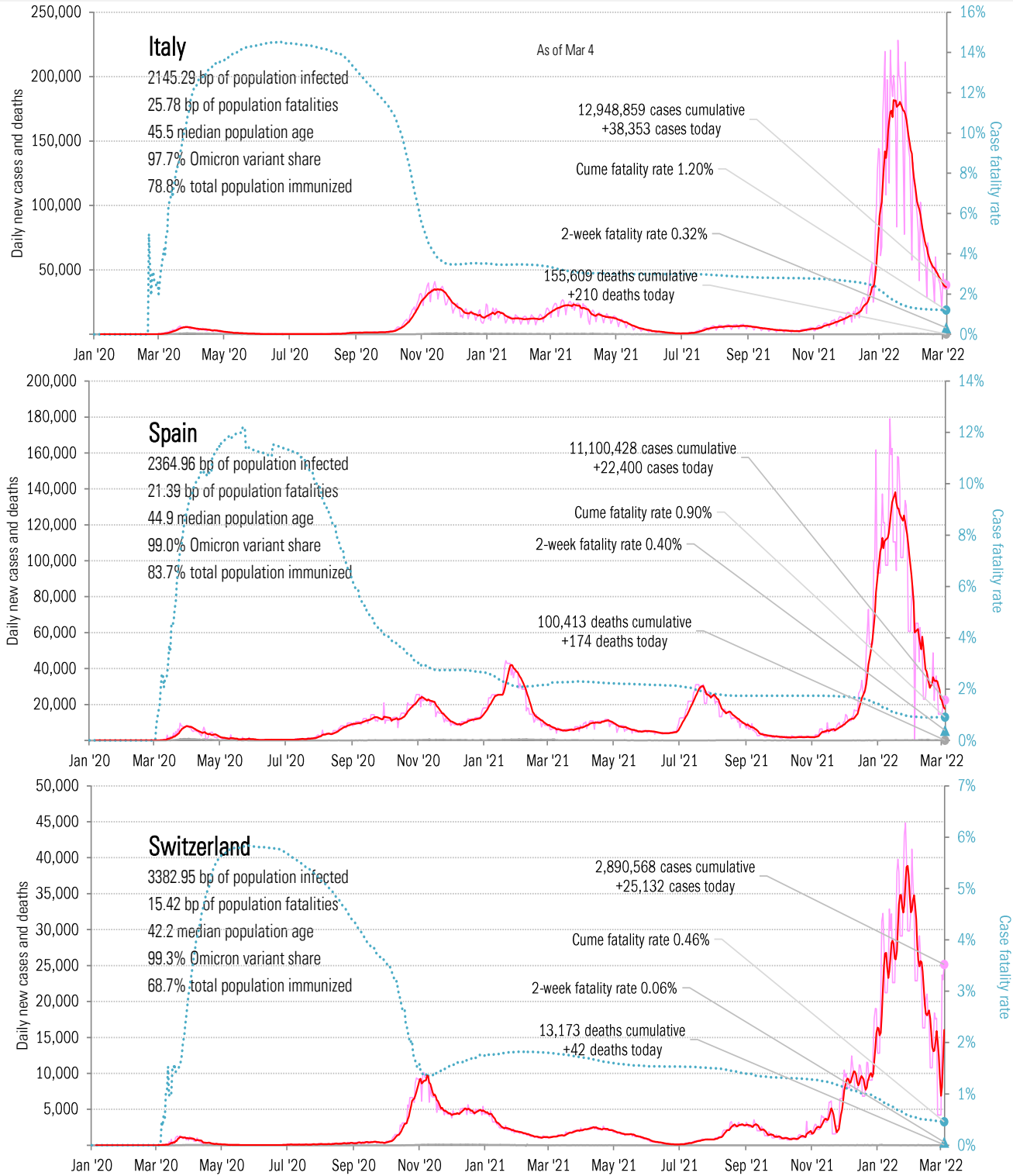
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

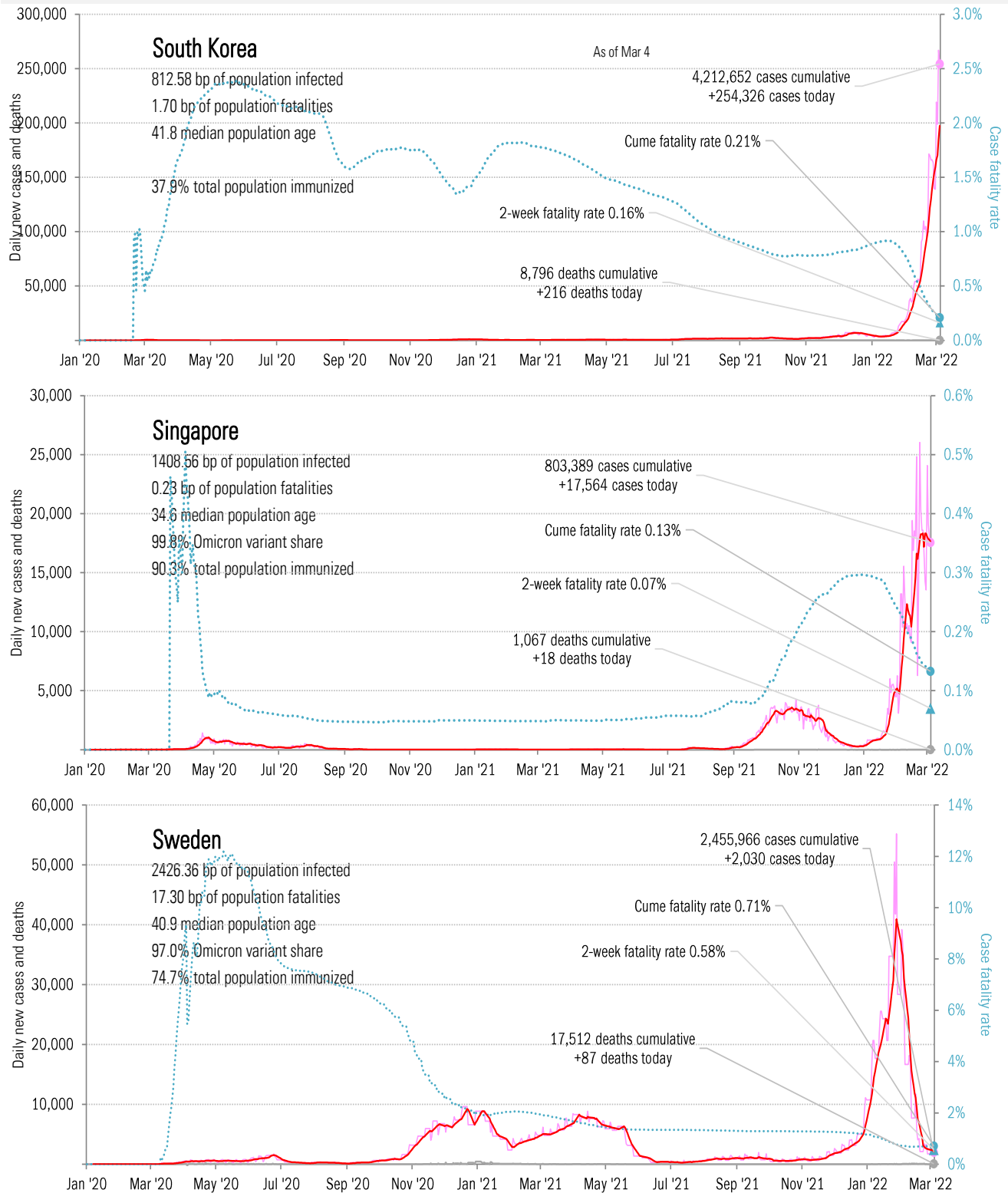
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

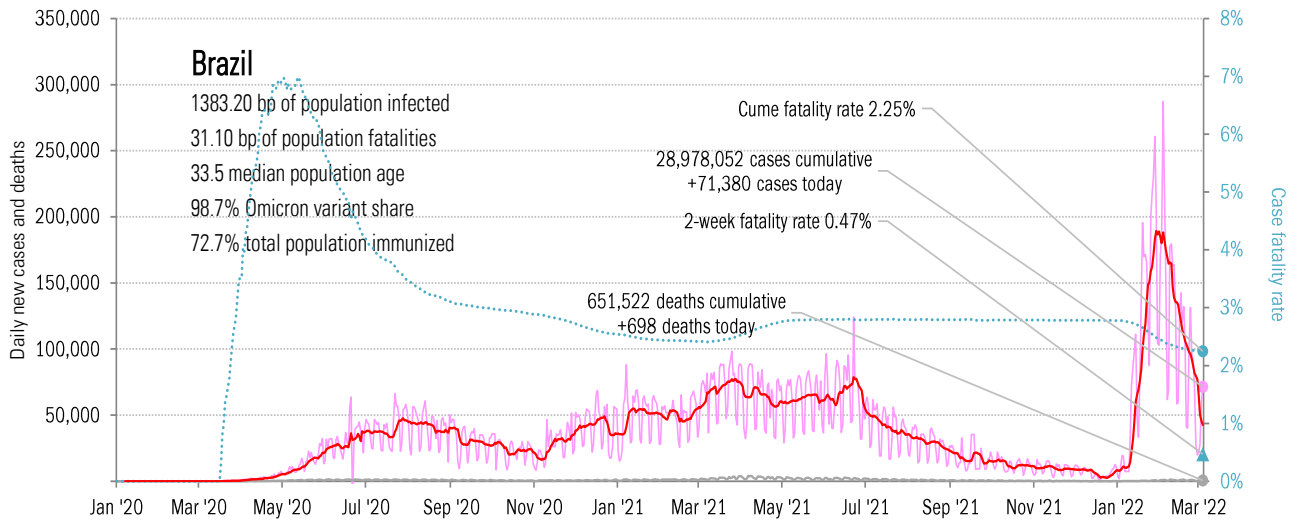
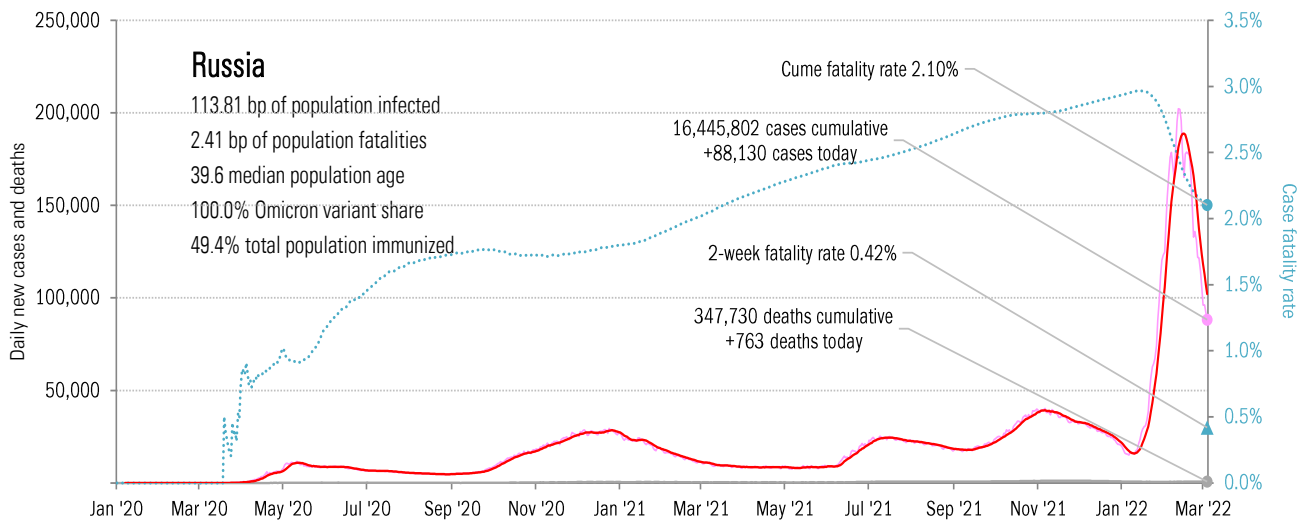
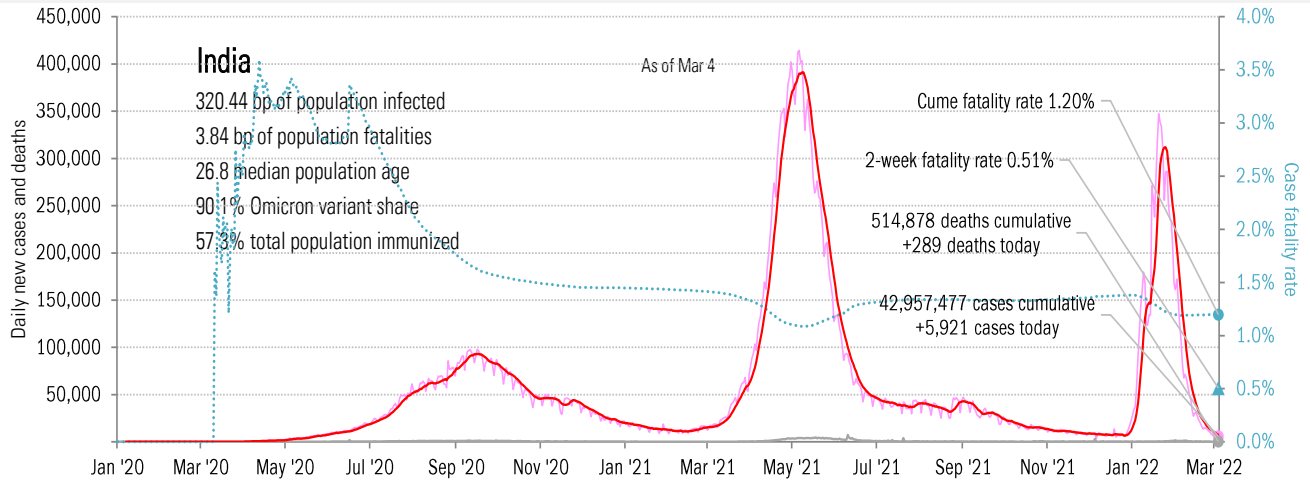
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

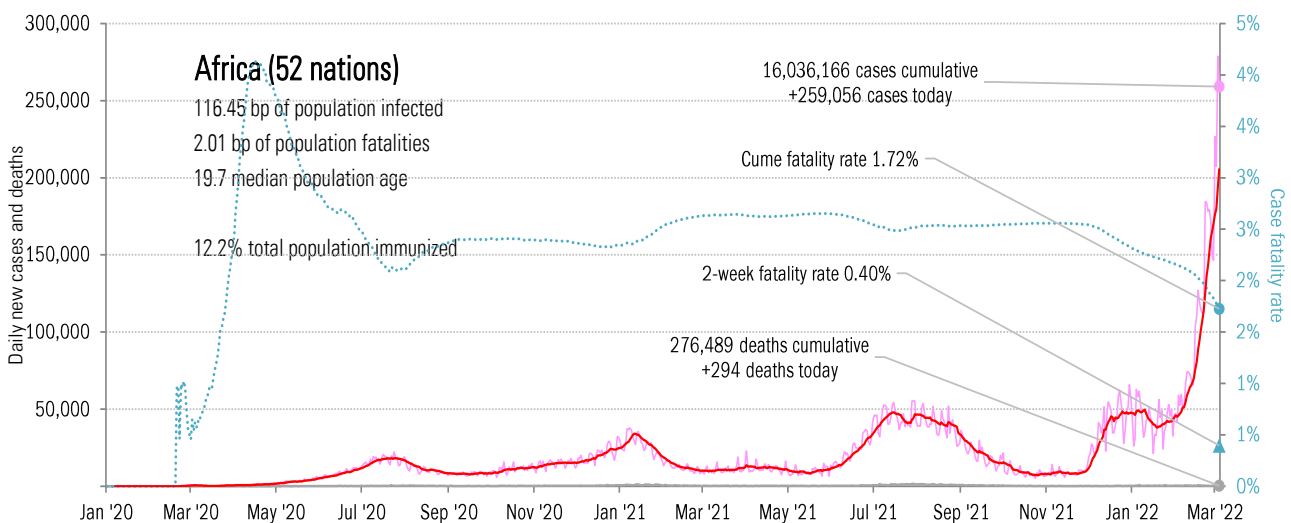
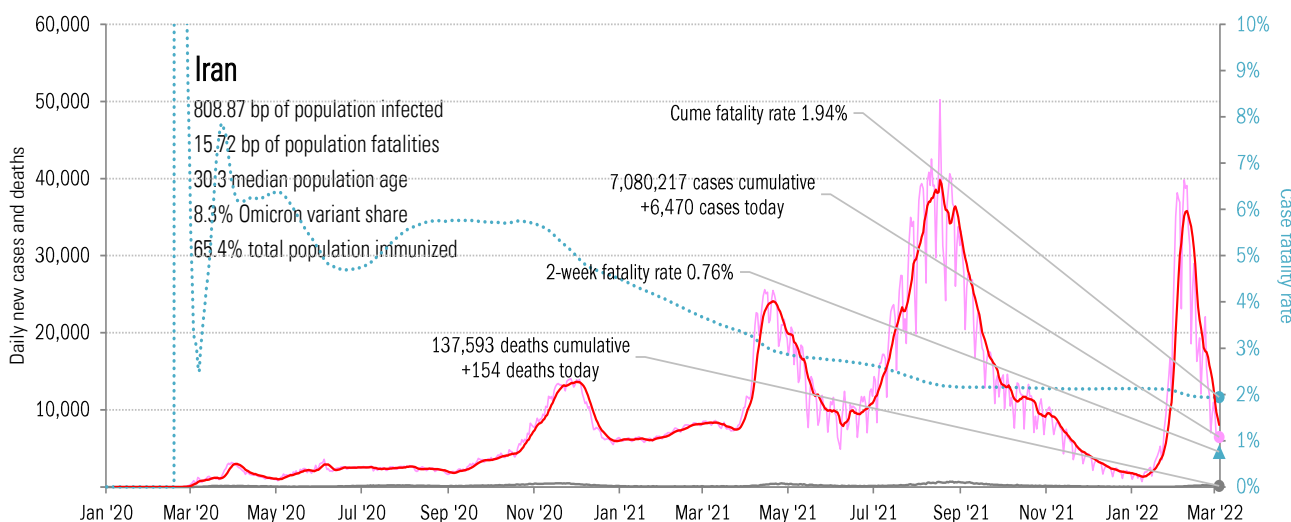
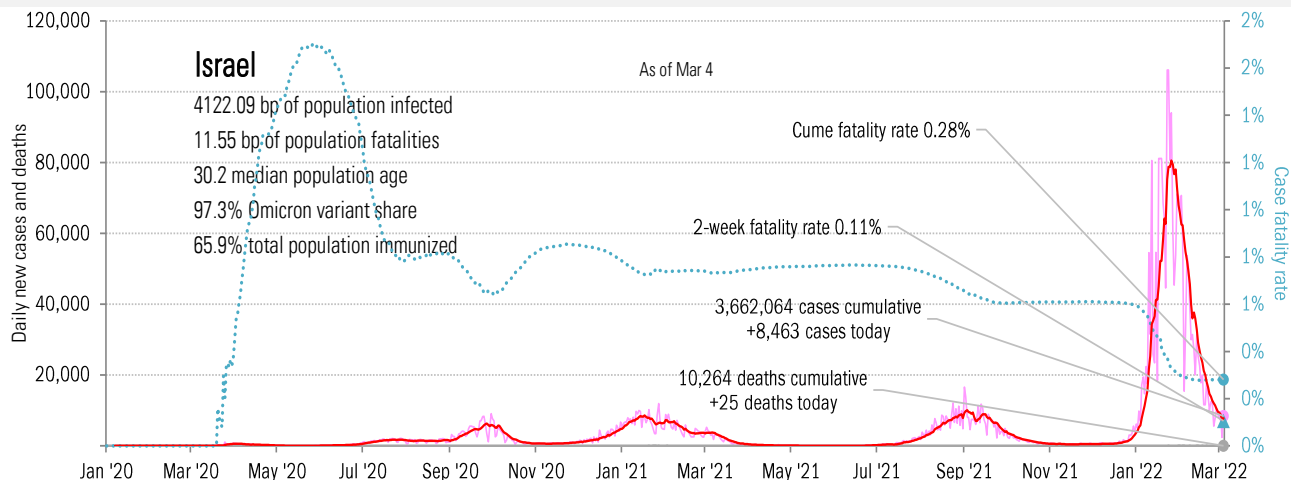
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

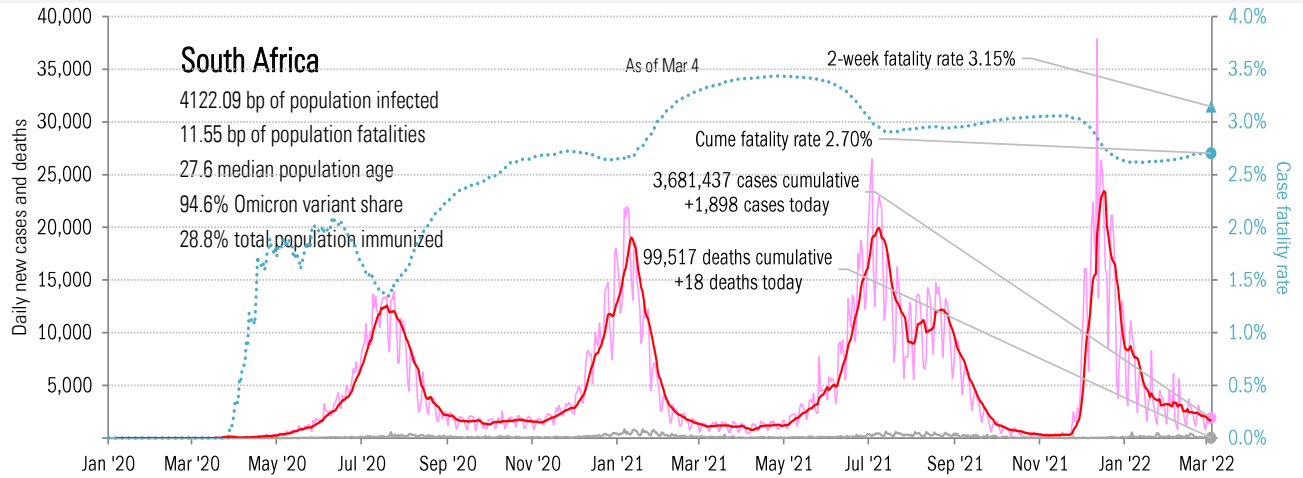
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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