

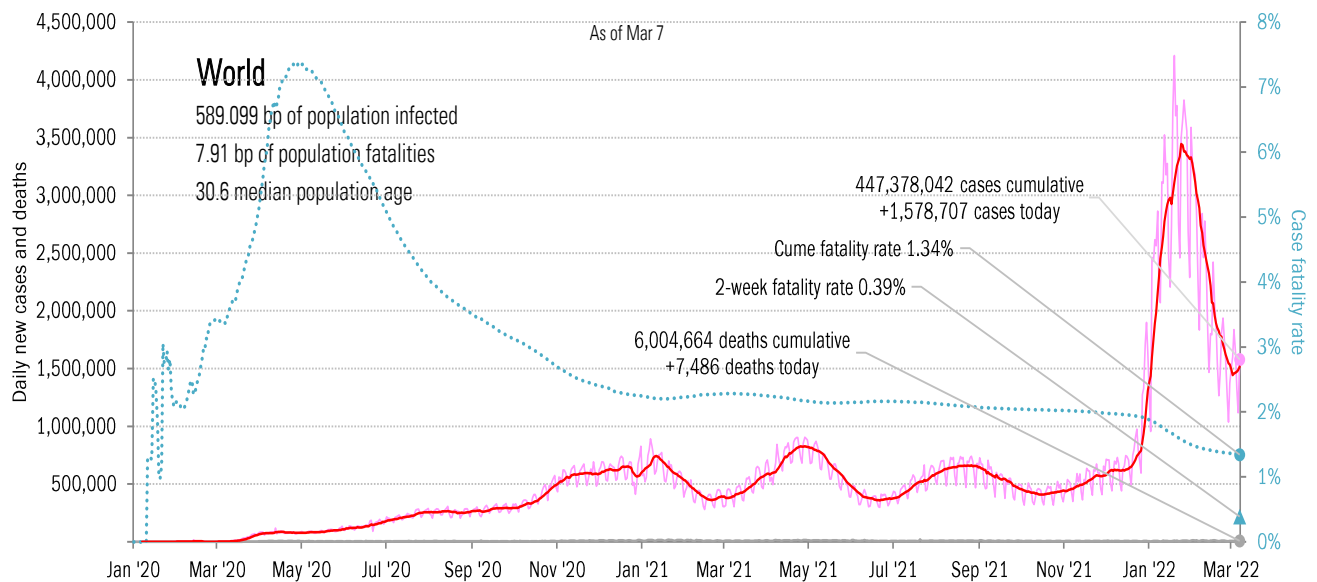
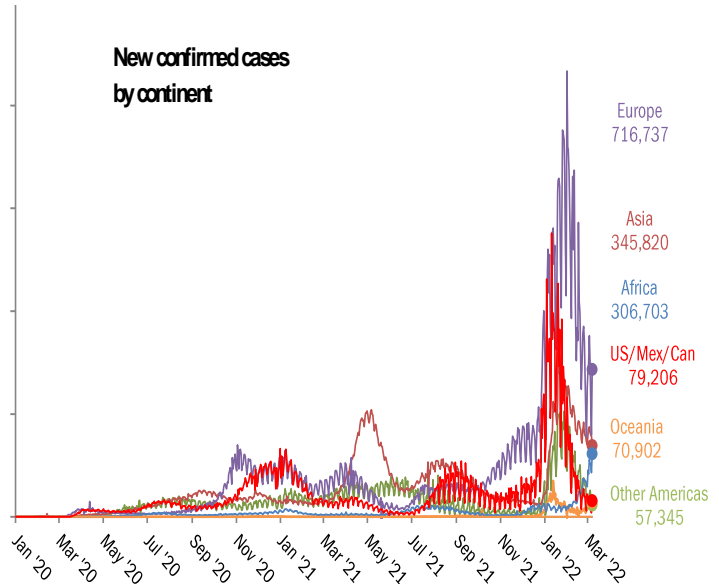
Data Insights: Covid-2019 Monitor

Tuesday, March 8, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Korea, South	202,714	United States	1,534
Germany	167,446	Sudan	953
Vietnam	147,358	Russia	657
United Kingdom	126,908	Germany	323
Mauritius	98,934	Indonesia	258
Russia	72,136	Brazil	210
United States	69,510	Korea, South	186
Netherlands	64,460	Finland	184
Switzerland	58,121	France	177
Australia	44,962	Iran	168
1,052,549		4,650	
World	1,578,707	World	7,486
Top ten	67%	Top ten	62%



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

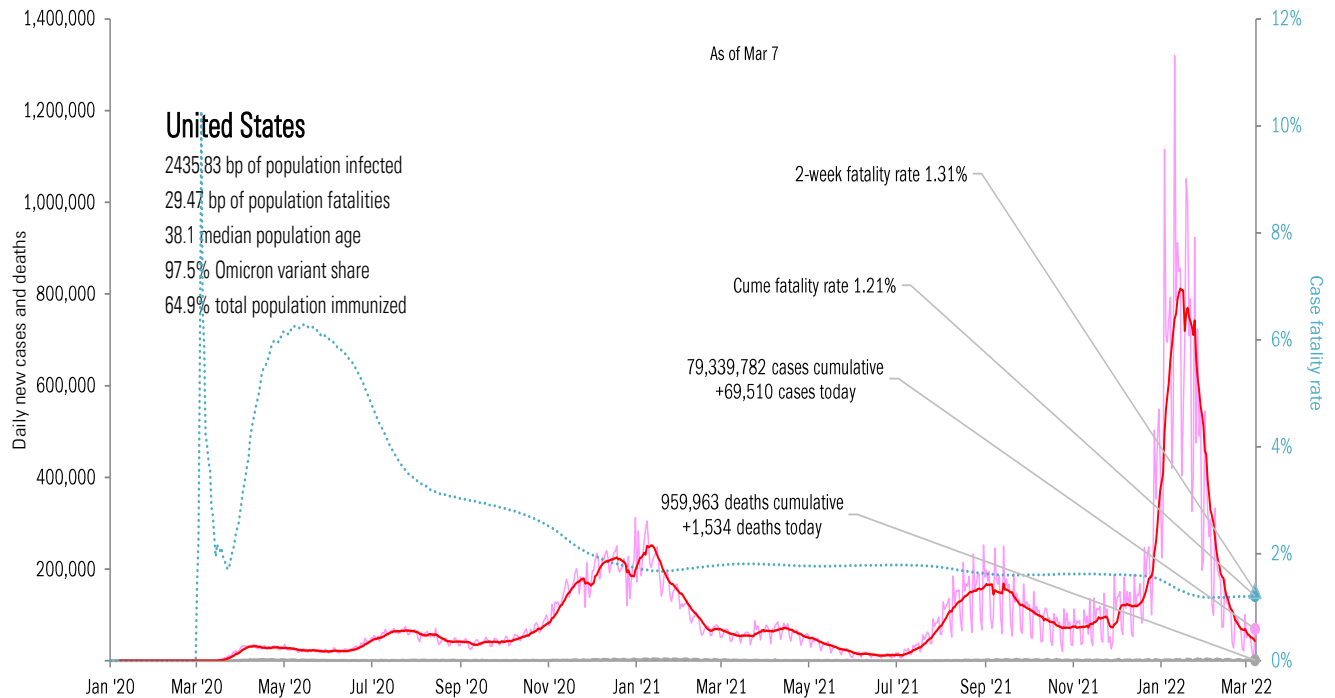
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	10,795		CA	345		PA	62		CA	9,016,117		CA	86,631		TX	482,488		RI	88%	TX	86%
NC	4,230		SC	225		UT	22		TX	6,642,949		TX	85,800		CA	417,531		MA	84%	AK	85%
AL	3,710		FL	177		CH	12		FL	5,858,632		FL	70,978		FL	410,193		MN	84%	RI	83%
TX	3,679		VA	105		NC	10		NY	4,938,085		NY	67,571		NY	242,143		WV	82%	MS	83%
CO	3,197		AL	89		CR	10		IL	3,039,806		PA	43,600		GA	204,071		GA	82%	GA	82%
CT	2,709		TN	69		AZ	9		PA	2,764,367		CH	37,018		CH	188,619		WA	81%	NM	81%
IL	2,607		GA	66		WY	9		CH	2,659,929		GA	35,848		PA	174,141		MO	80%	NV	80%
VA	2,388		WA	51		NH	4		NC	2,602,244		IL	35,389		IL	154,859		AK	78%	AL	80%
WA	2,086		TX	43		HI	3		GA	2,472,140		MI	34,858		MI	139,117		MD	78%	WV	79%
FL	1,994		NC	39		IA	2		MI	2,367,688		NJ	33,027		KY	138,745		DC	78%	MA	79%
37,395			1,209			143			42,361,957			530,720			2,551,907						
All states	61,654		1,534			-504			All states	79,339,782		959,963			4,628,055			All states	70%	67%	
Top ten	61%		79%			-28%			Top ten	53%		55%			55%			Median	75%	71%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NY	-1,310	PA	-75	GA	-279	CT	+10 bp
HI	-104	NY	-18	FR	-13	ID	+10 bp
GU	-53	AR	-3	LA	-10	IN	+10 bp
FR	-42	TX	-3	MA	-10	KY	+10 bp
DE	-34	MD	-2	KS	-9	MT	+10 bp



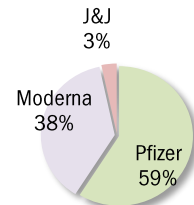
Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	570,301,993		+0.110 million	US	64.9%	76.5%
Boosters	96,521,987		+0.048 million	UK	72.0%	77.2%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	261,775,223	78%	222,430,406	67%	+0.028 million	France 77.7% 80.1%
Age 12 to 17	17,385,053	69%	14,813,567	59%	+0.004 million	Spain 83.7% 87.9%
Age 18 to 64	176,428,096	87%	149,594,188	74%	+0.015 million	Germany 74.9% 75.7%
Age 65 and over	58,233,552	100%	50,386,726	92%	+0.001 million	Italy 78.9% 83.9%

Israel	65.9%	72.1%
Canada	81.4%	85.7%
Japan	79.6%	80.8%
Africa	12.8%	19.0%
India	57.6%	69.4%
Brazil	72.9%	83.4%
China	85.5%	87.9%

Global data differs due to sources, timing



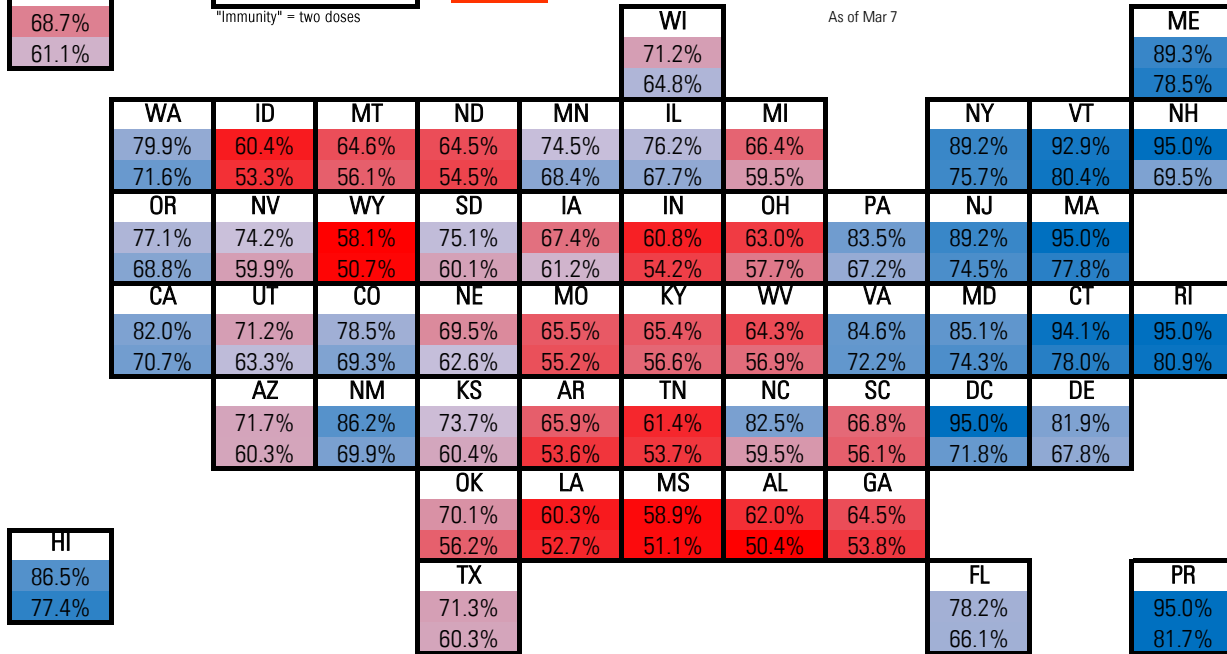
State
AK
68.7%
61.1%

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

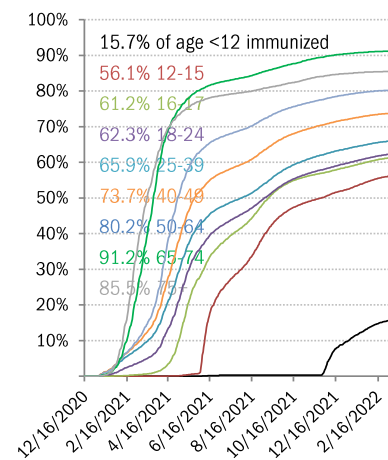
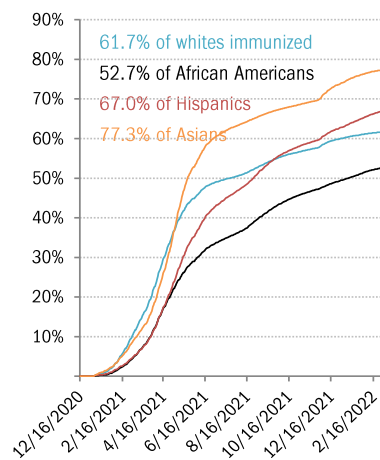
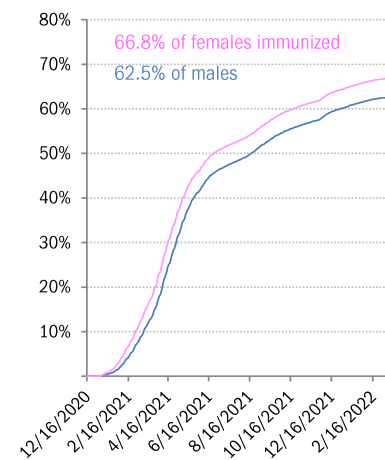
Best
Middle
Worst

Immunity = two doses

As of Mar 7



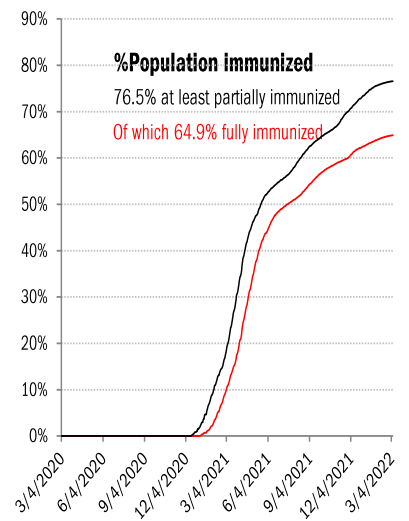
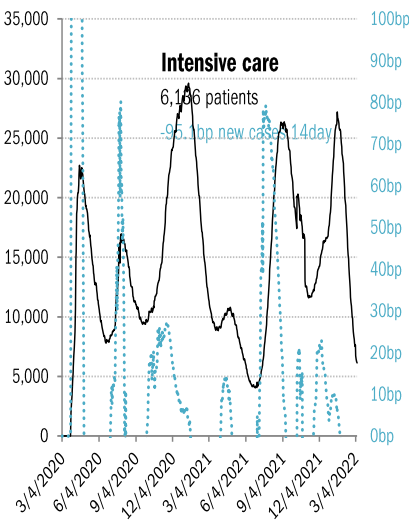
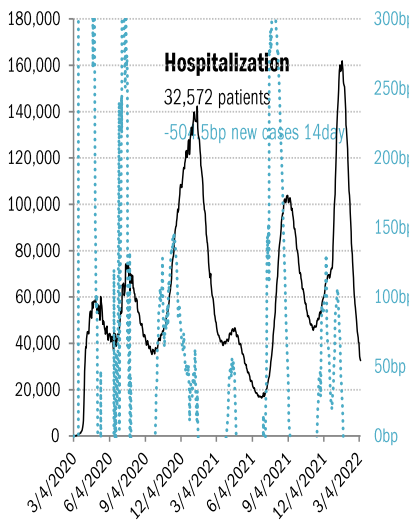
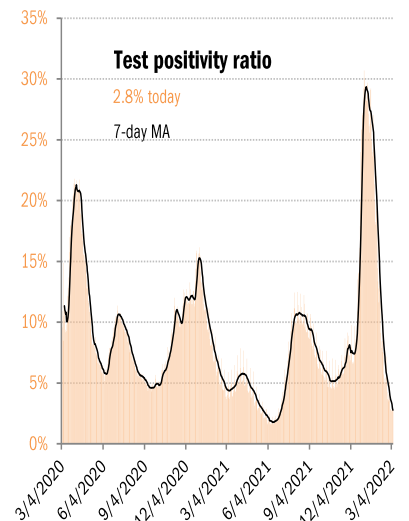
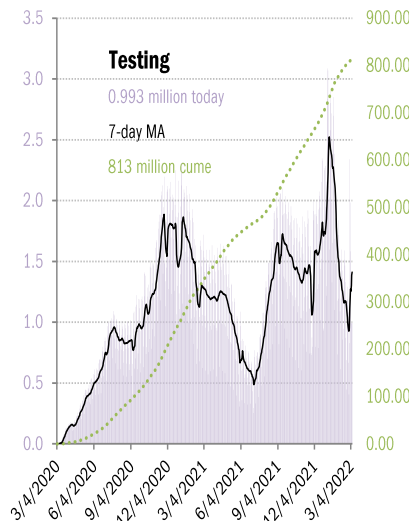
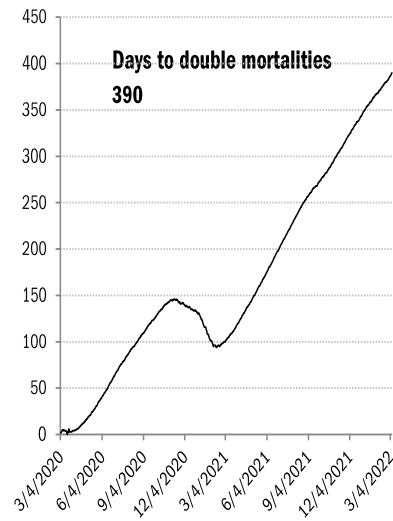
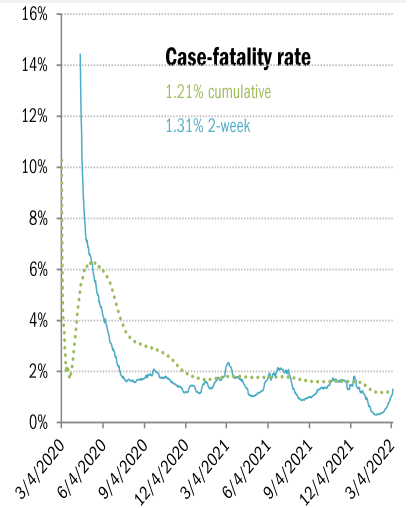
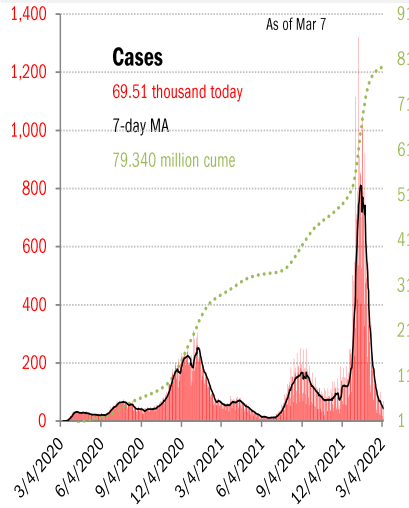
The demographics of US vaccination



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

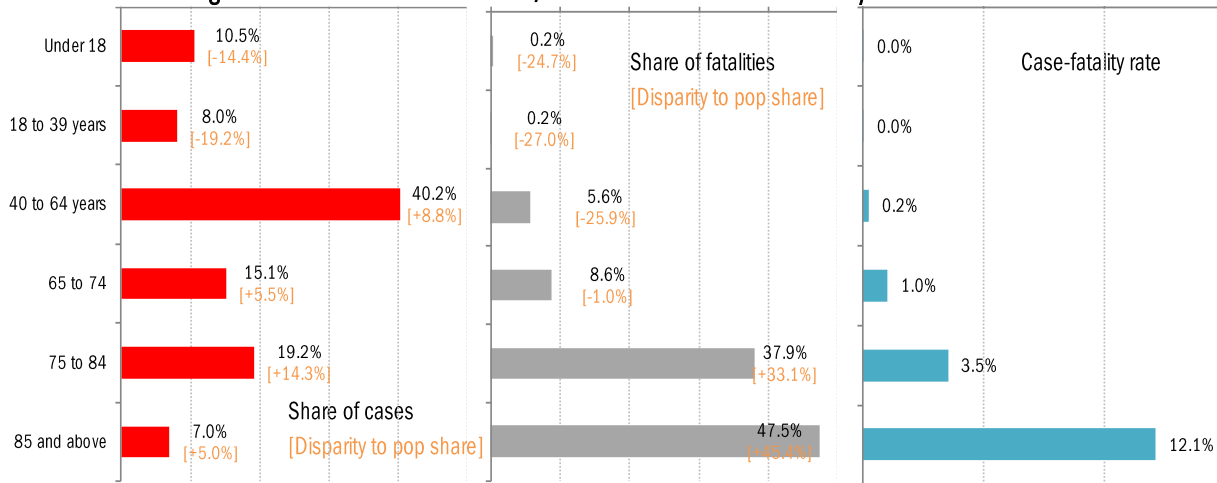
US deep-dive

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

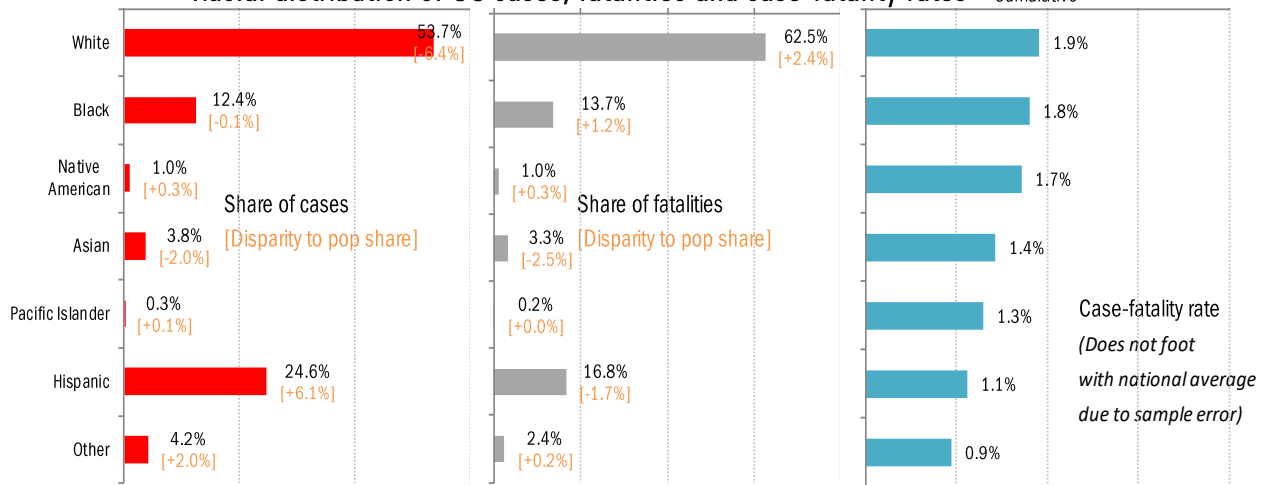


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

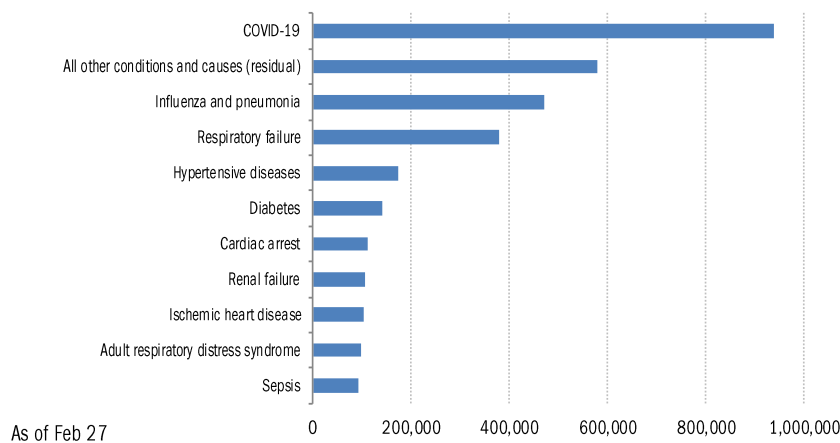


Racial distribution of US cases, fatalities and case-fatality rates



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

[The Curtain Close on COVID Theater](#)

State of Florida

March 7, 2022

[Contradicting federal guidance, Florida will recommend against Covid vaccines for healthy children.](#)

Patricia Mazzei

New York Times

March 7, 2022

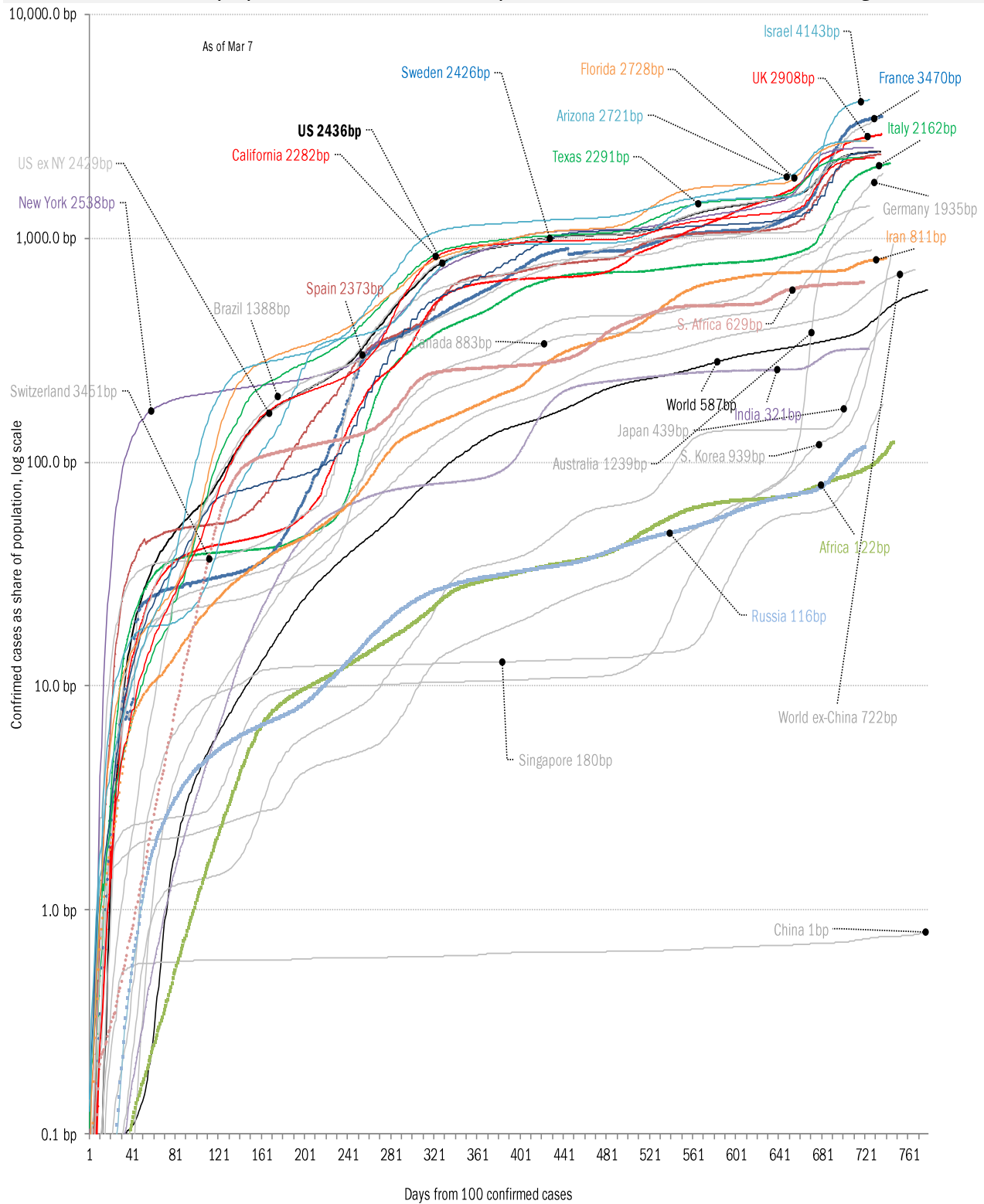
Meme of the day

The media making you forget the last two years of nothing but lies while it focuses your attention on Ukraine and Russia



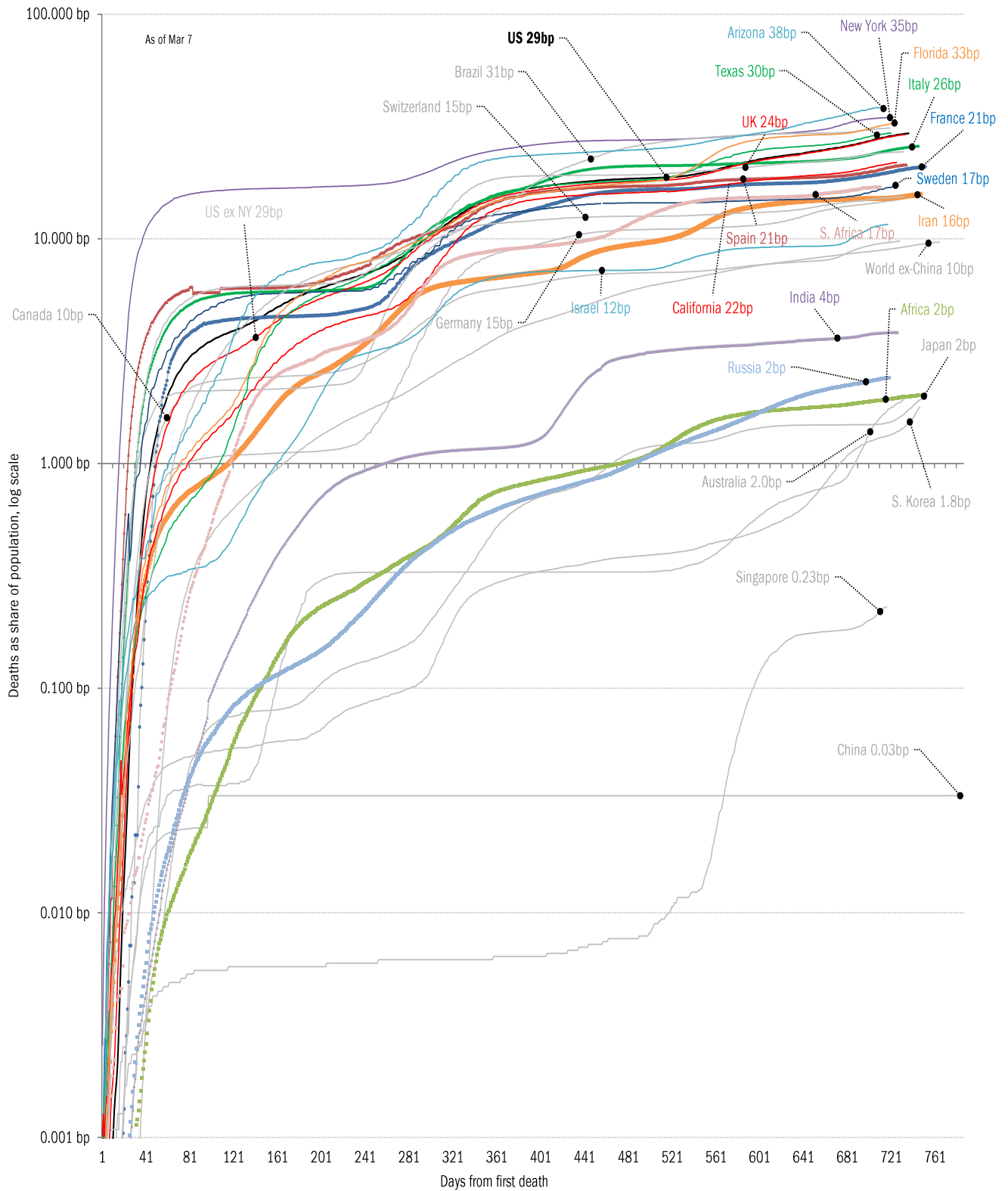
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

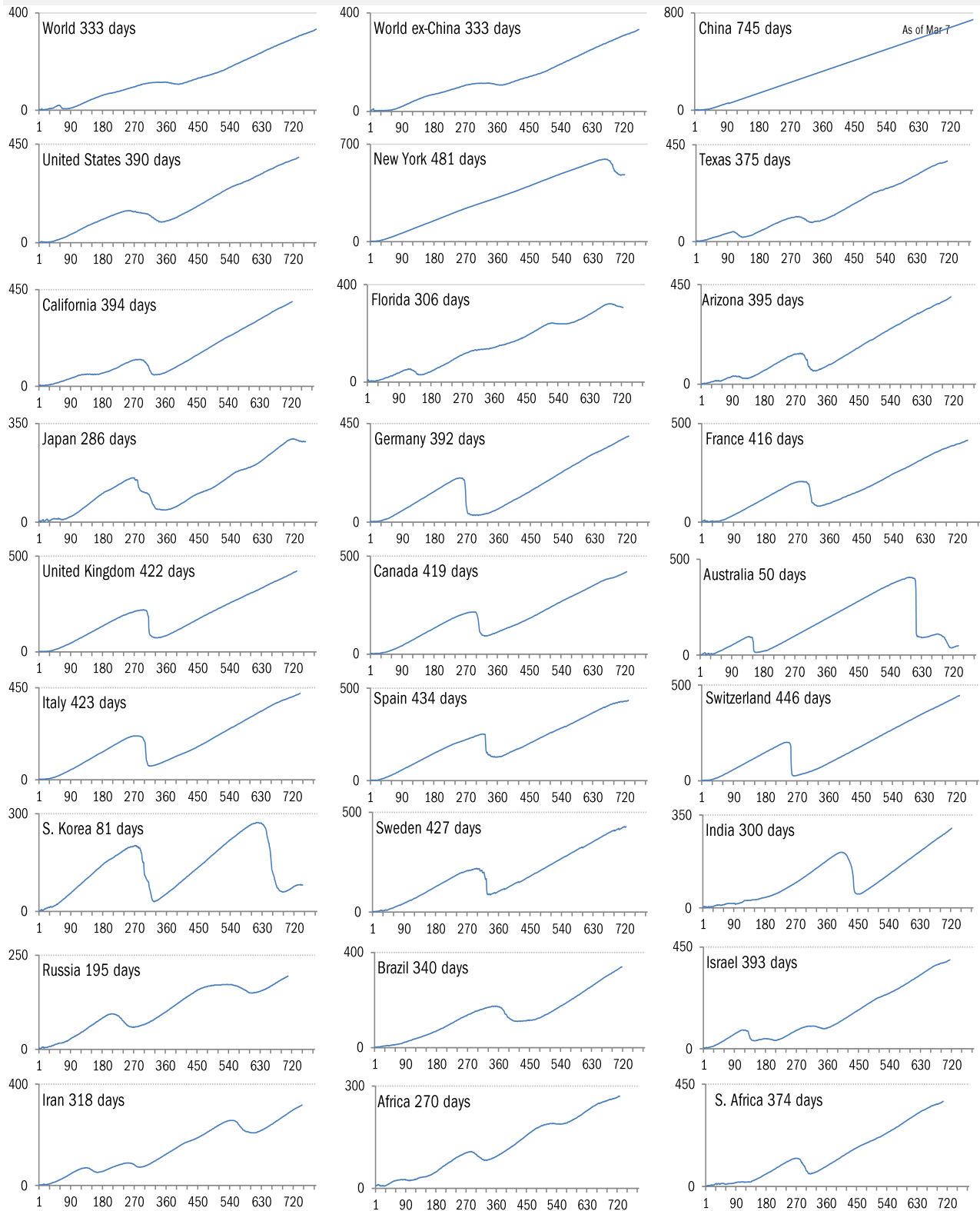


Source: [Johns Hopkins](#), TrendMacro calculations

"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

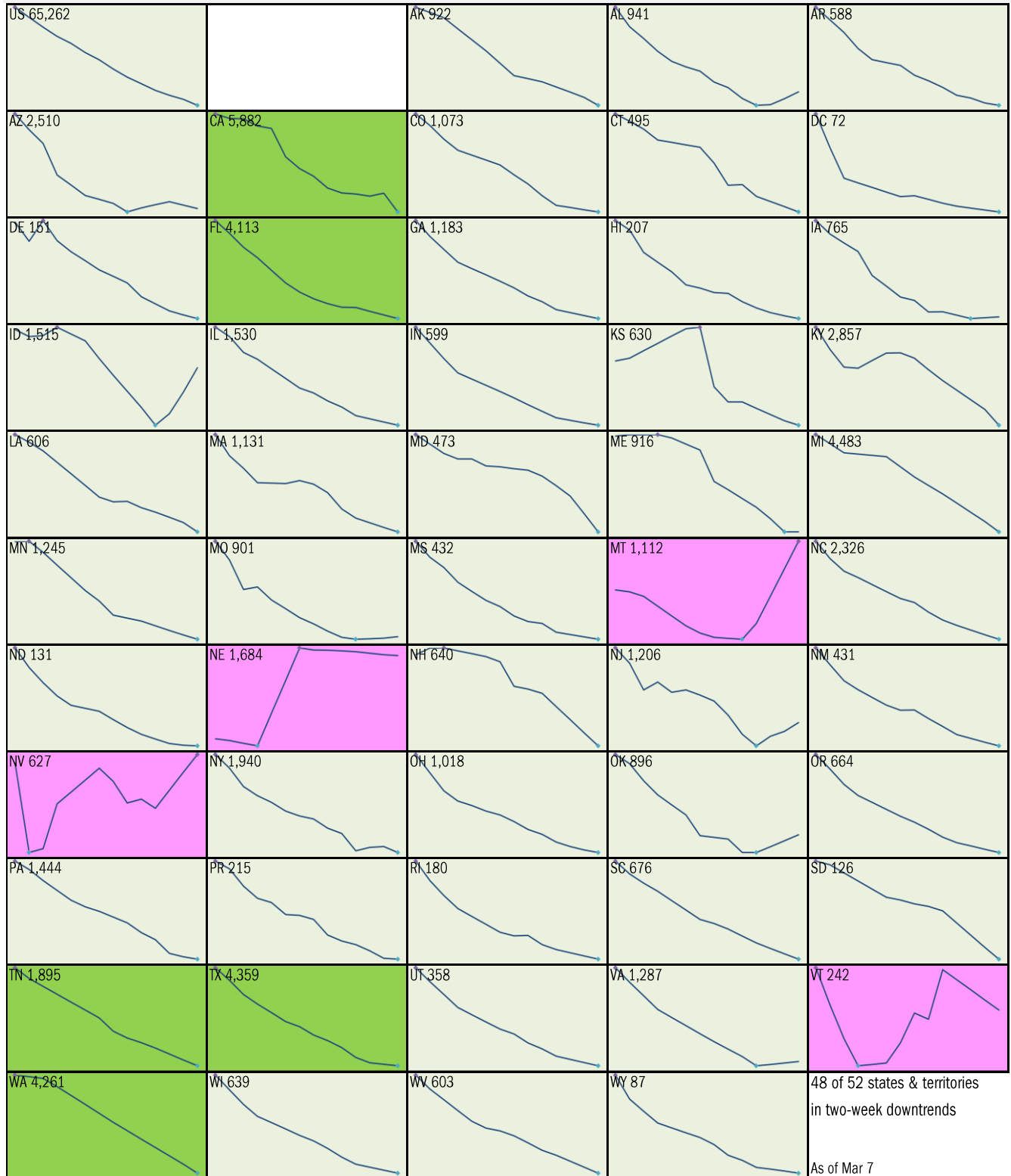


Source: [Johns Hopkins](#), TrendMacro calculations

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

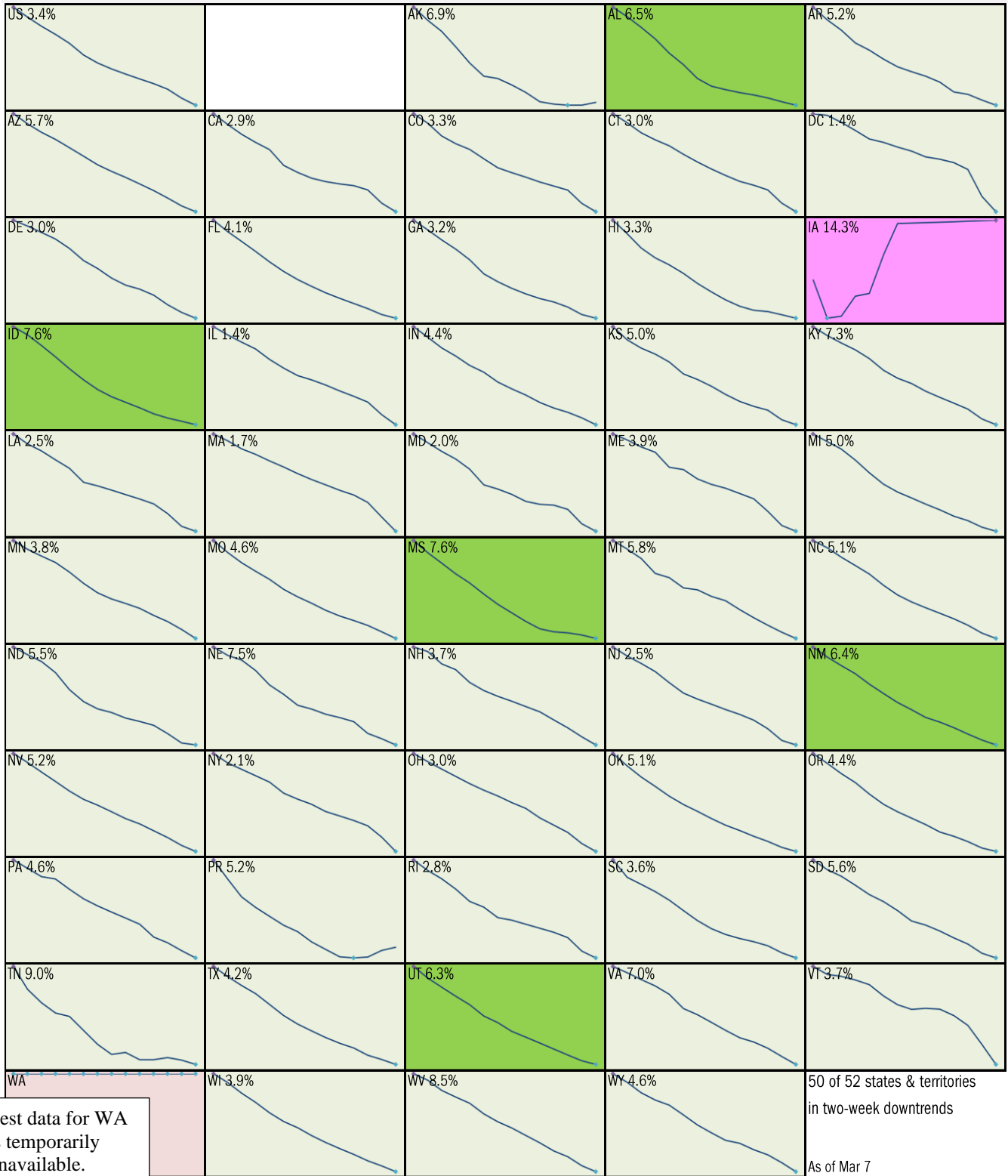


Source: [Johns Hopkins](#), TrendMacro calculations

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

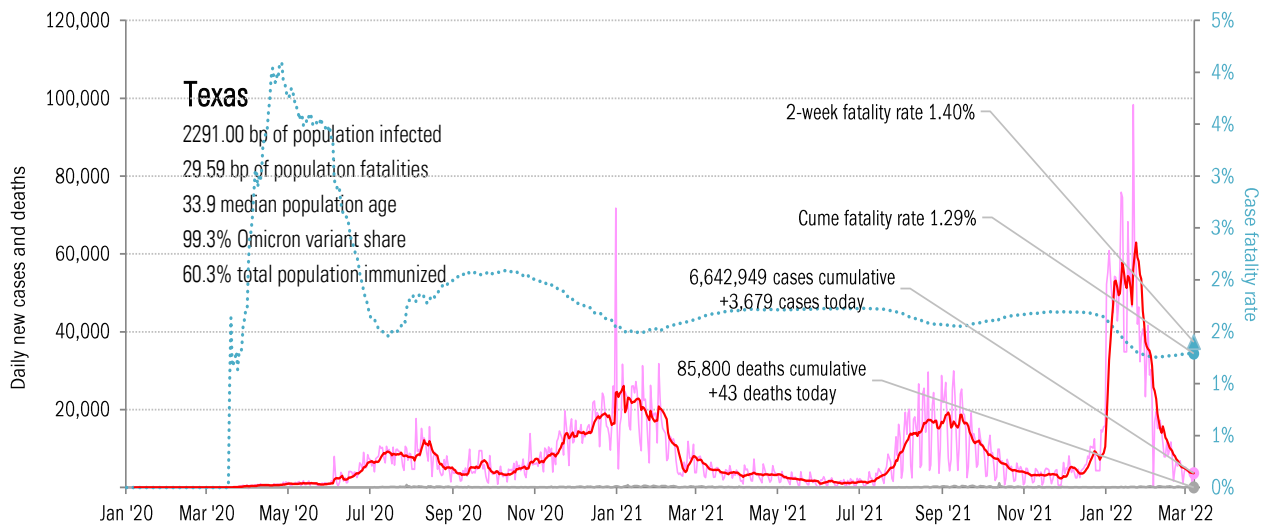
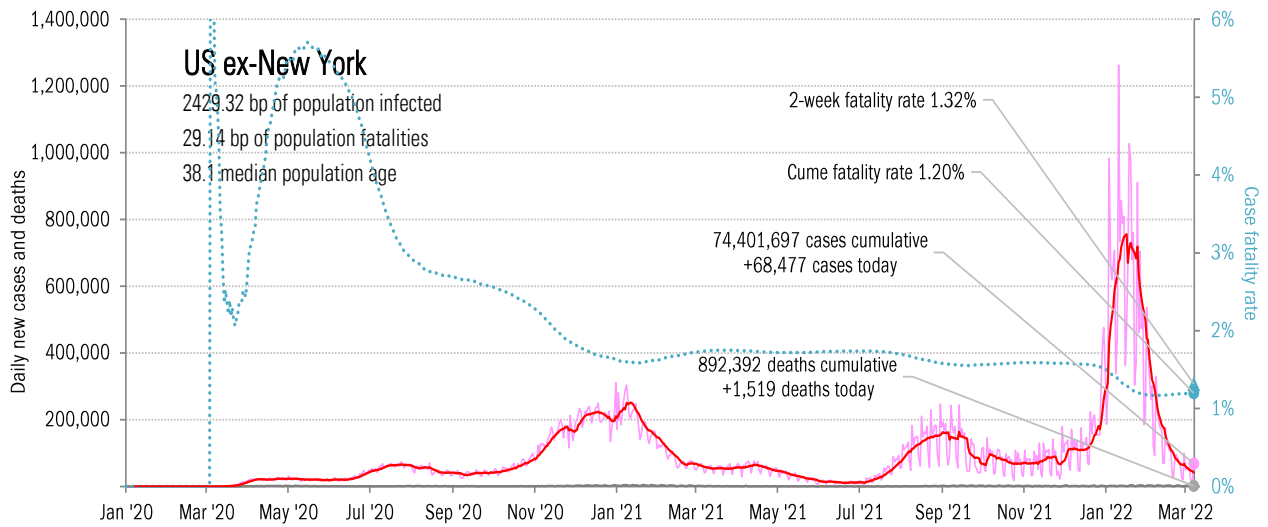
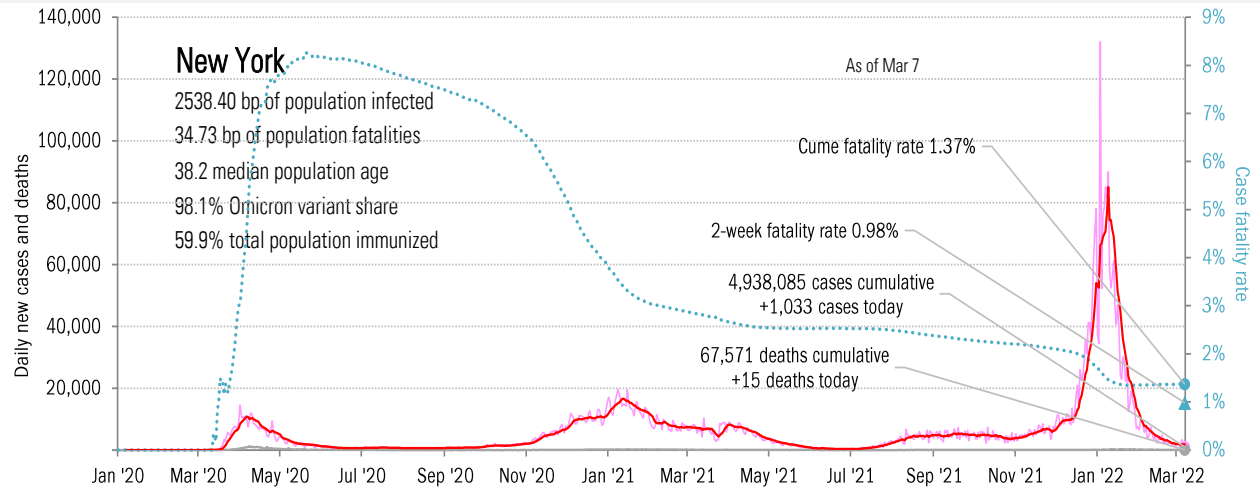
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

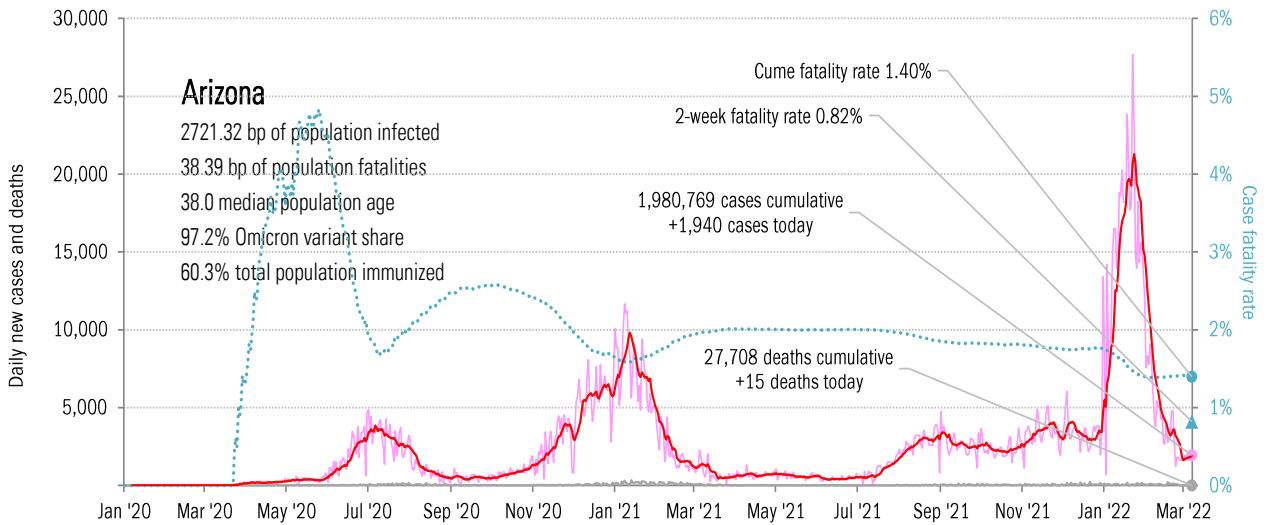
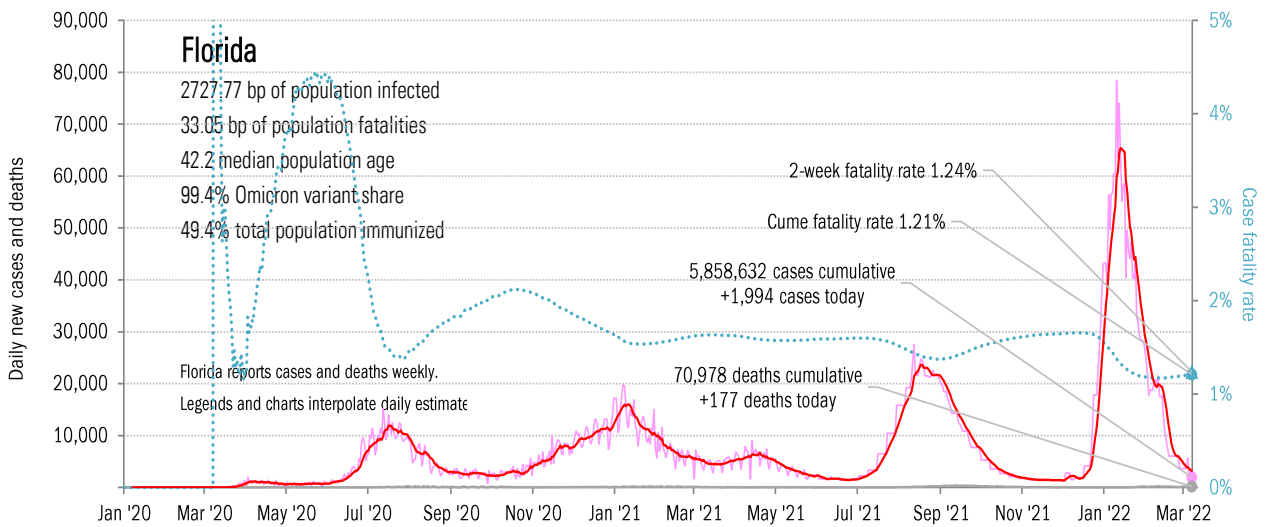
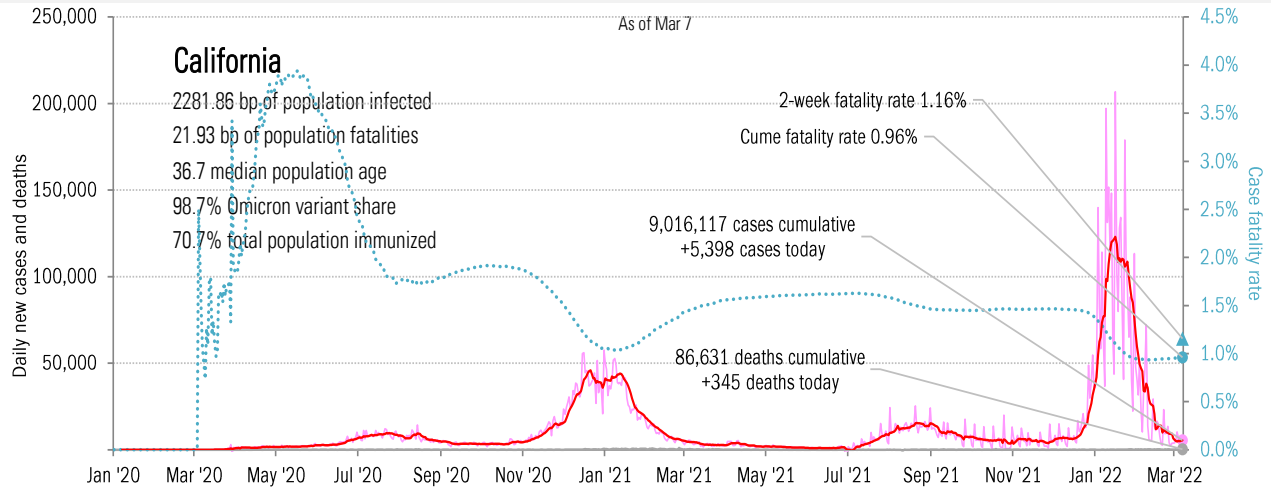
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

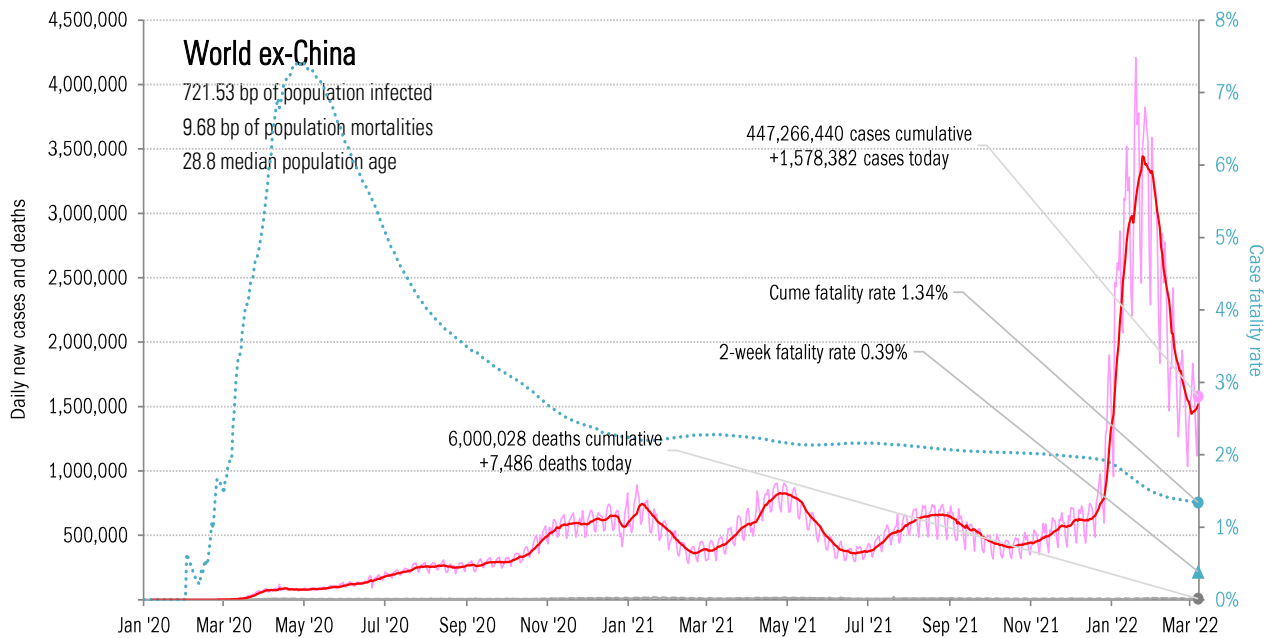
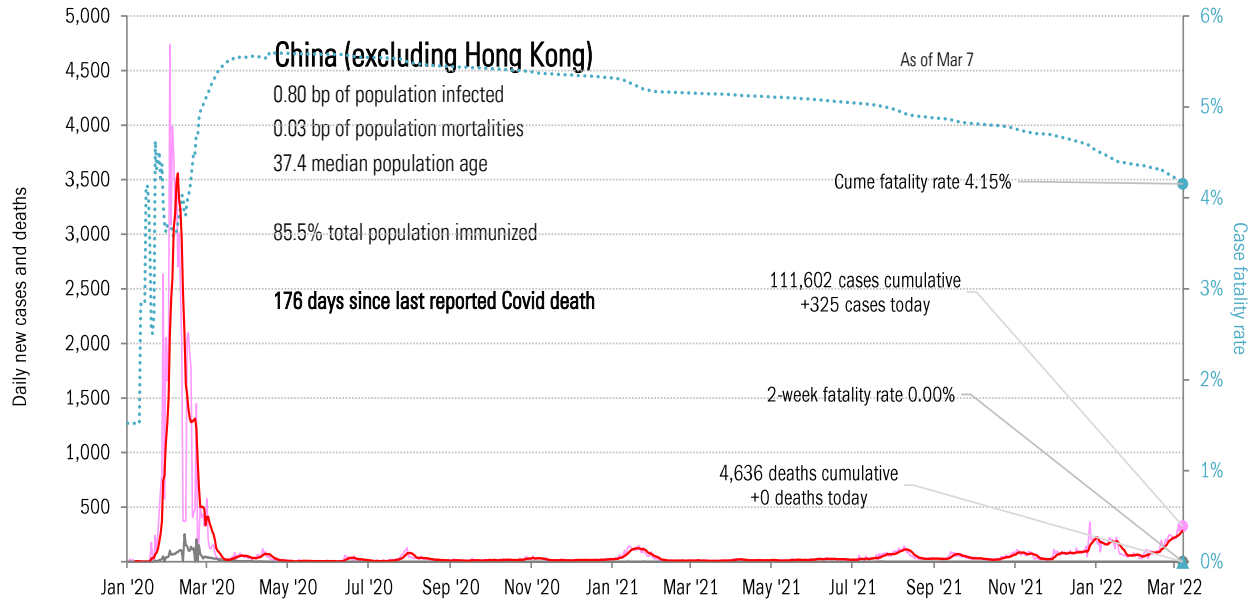
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

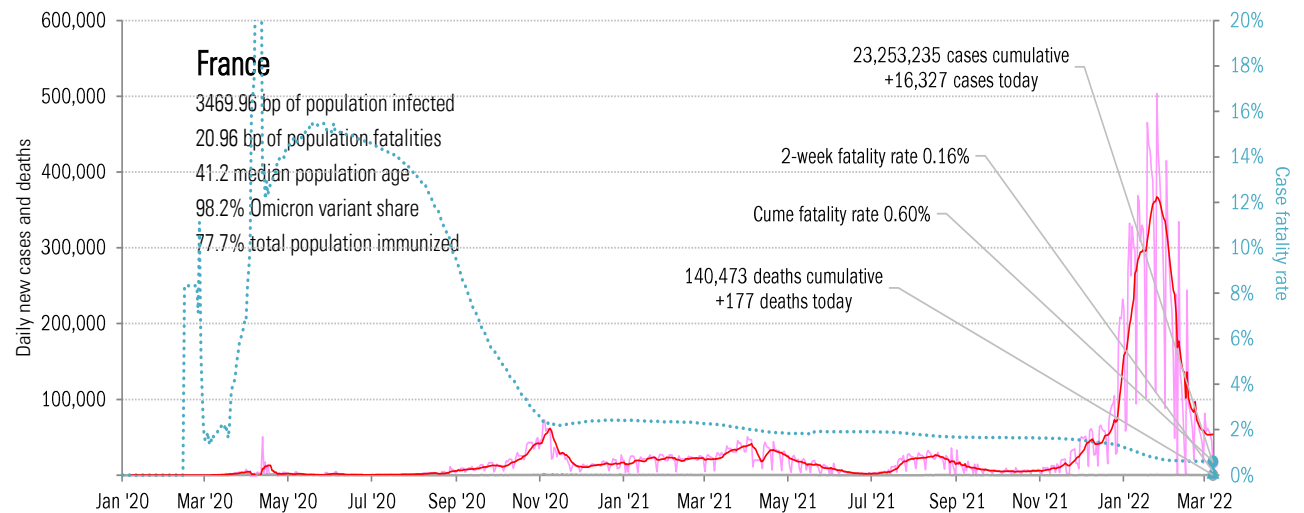
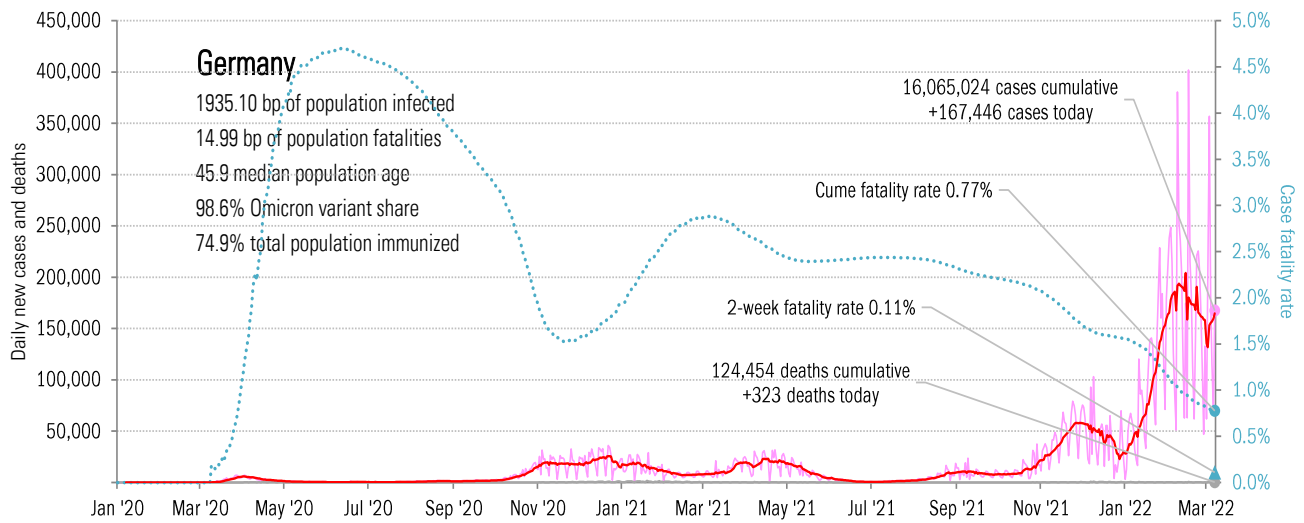
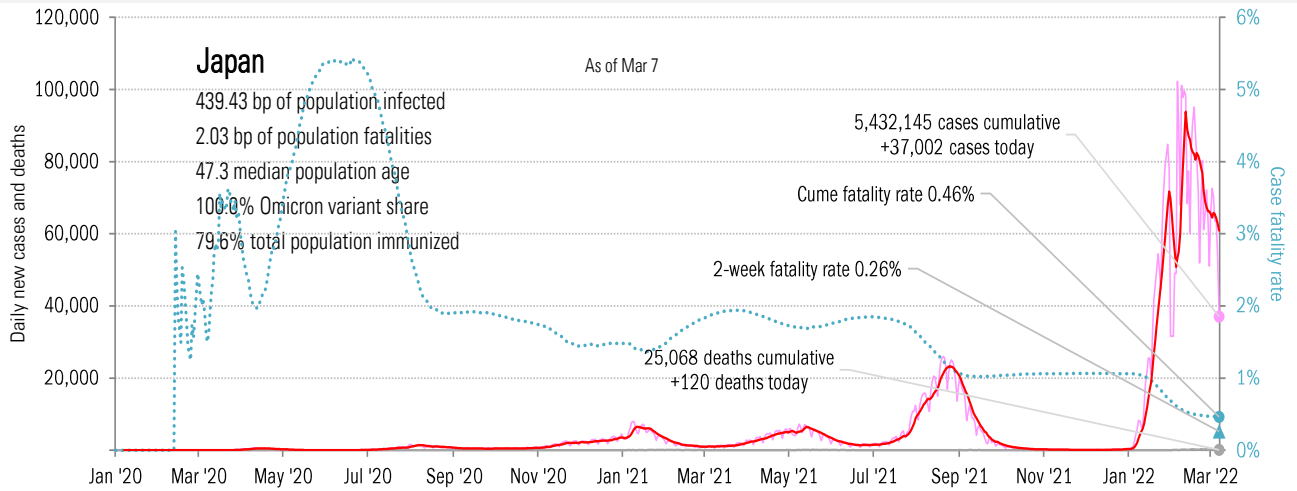
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

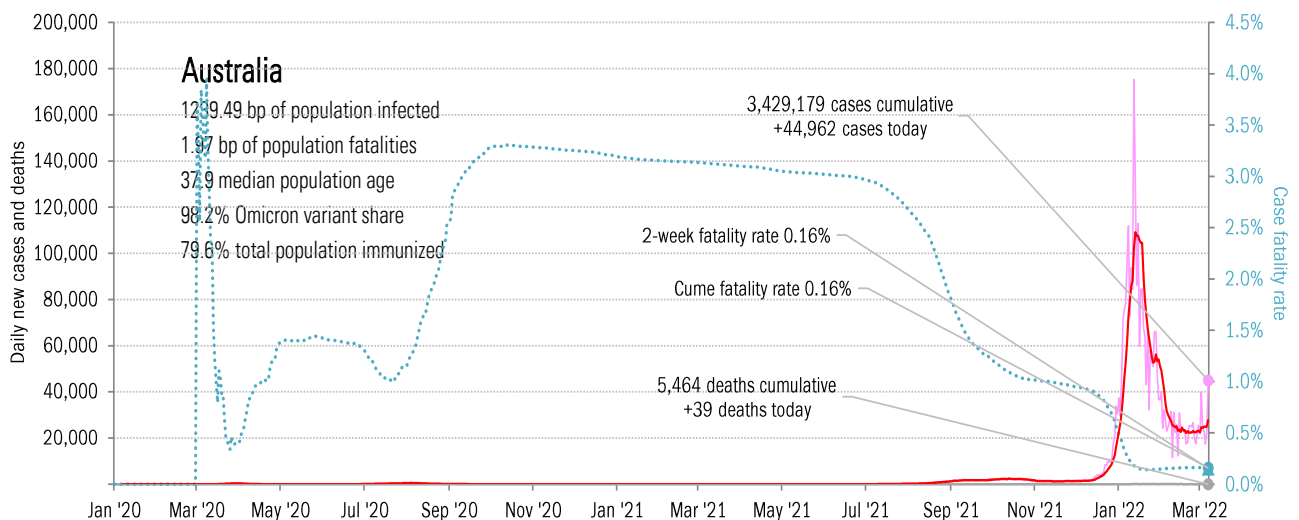
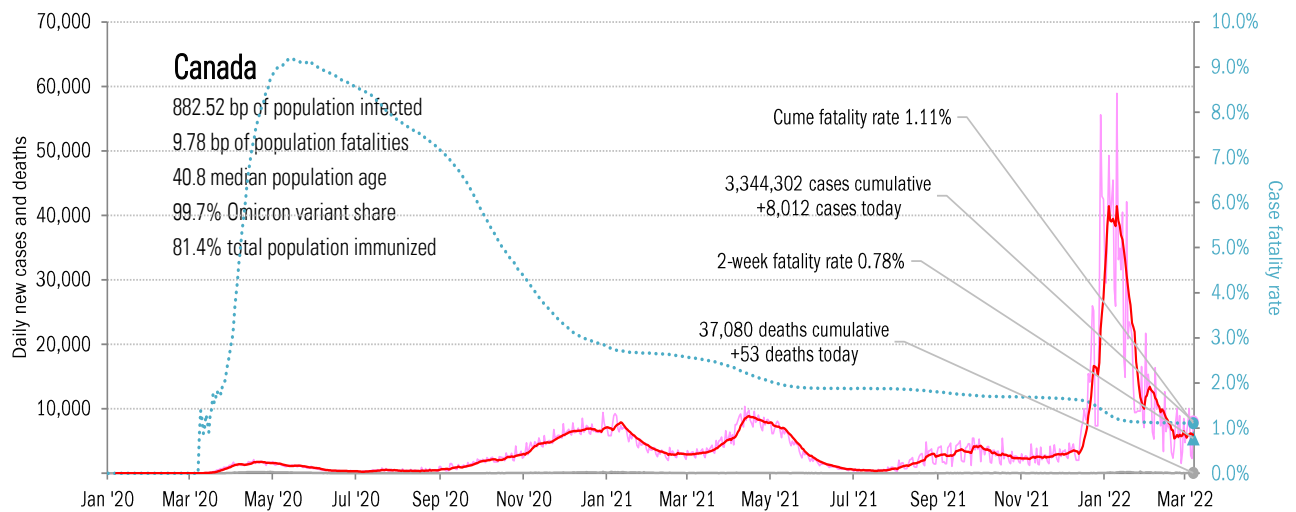
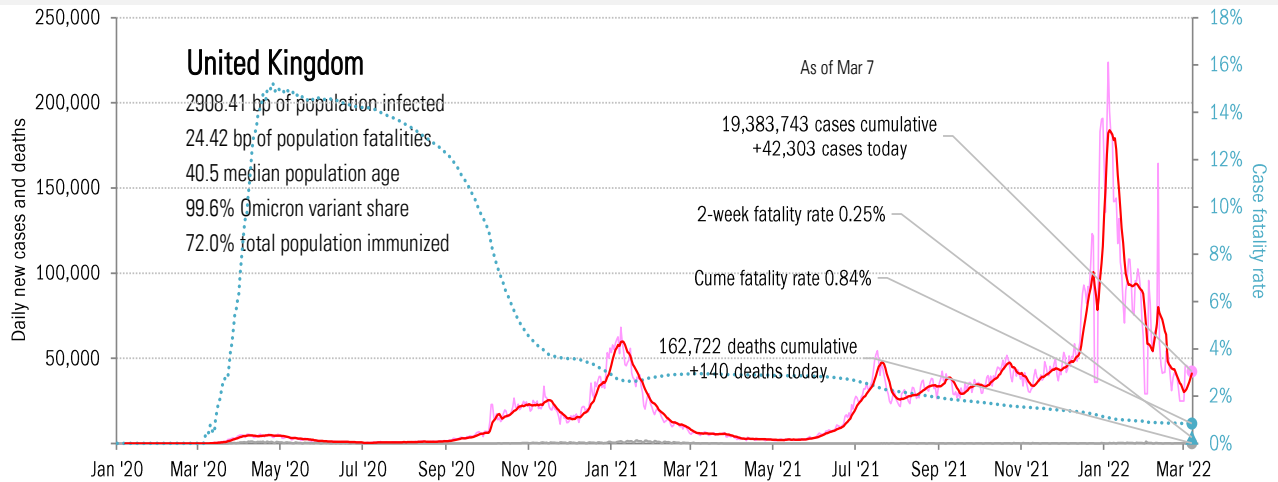
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

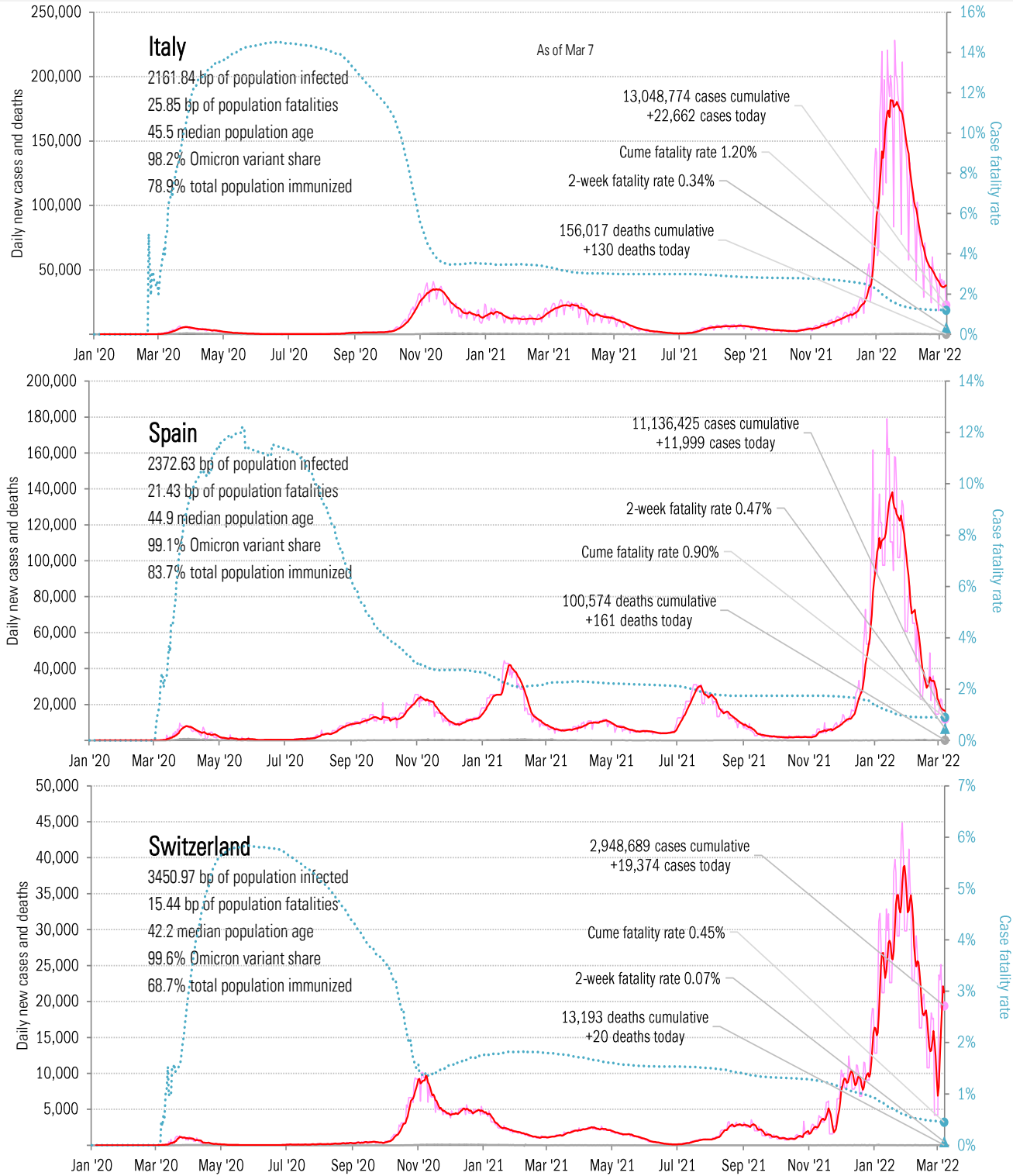
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

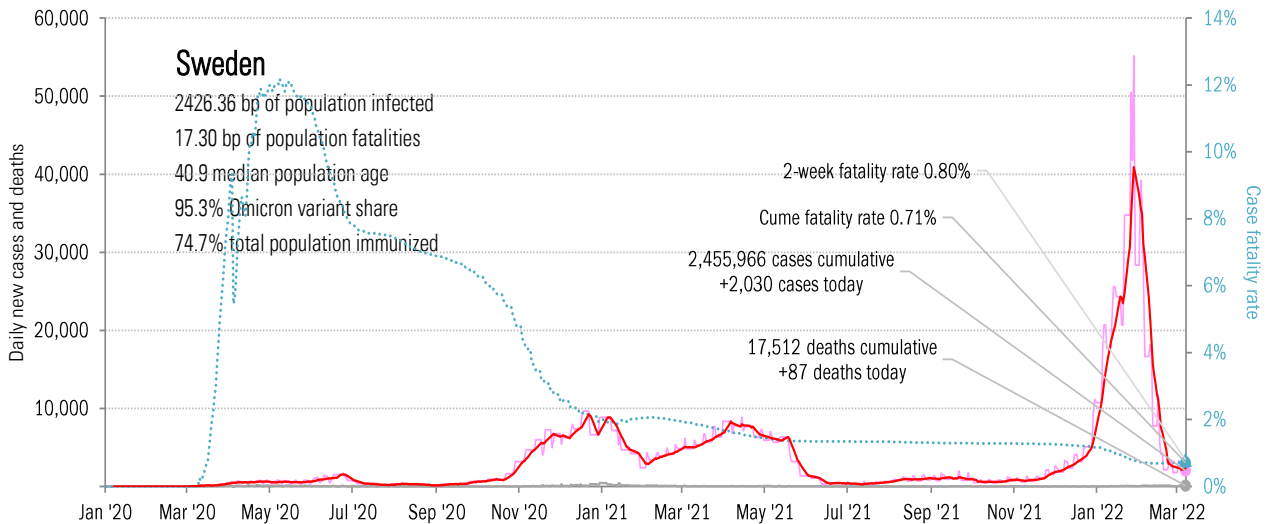
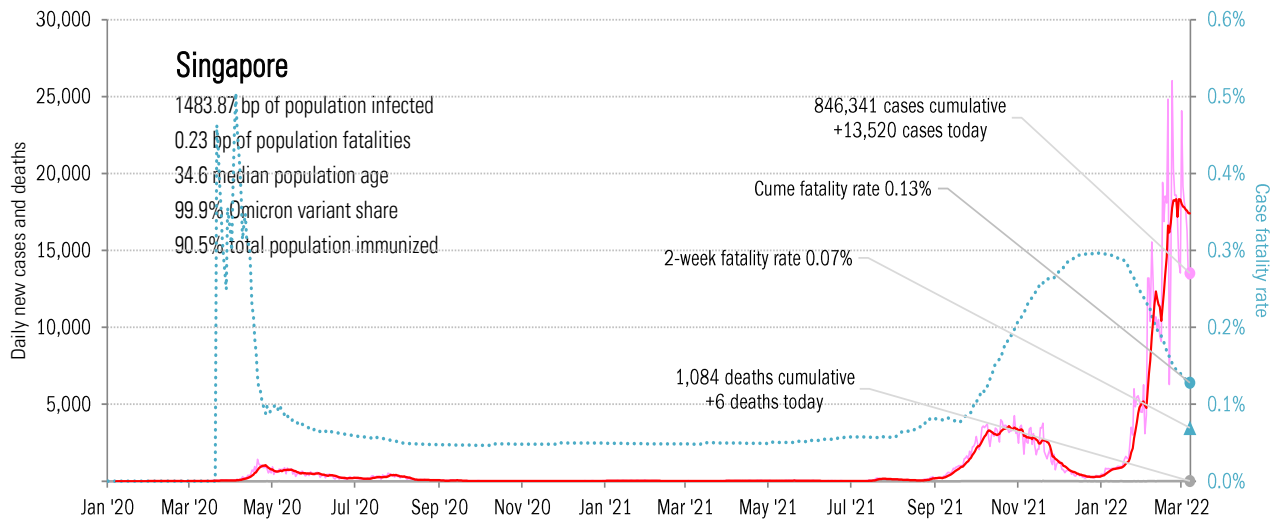
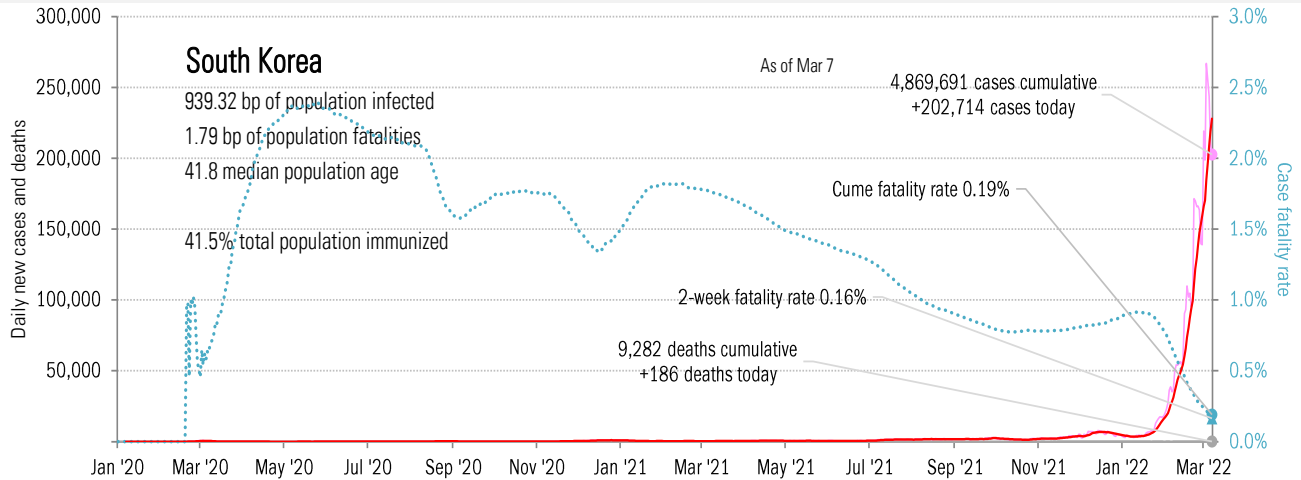
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

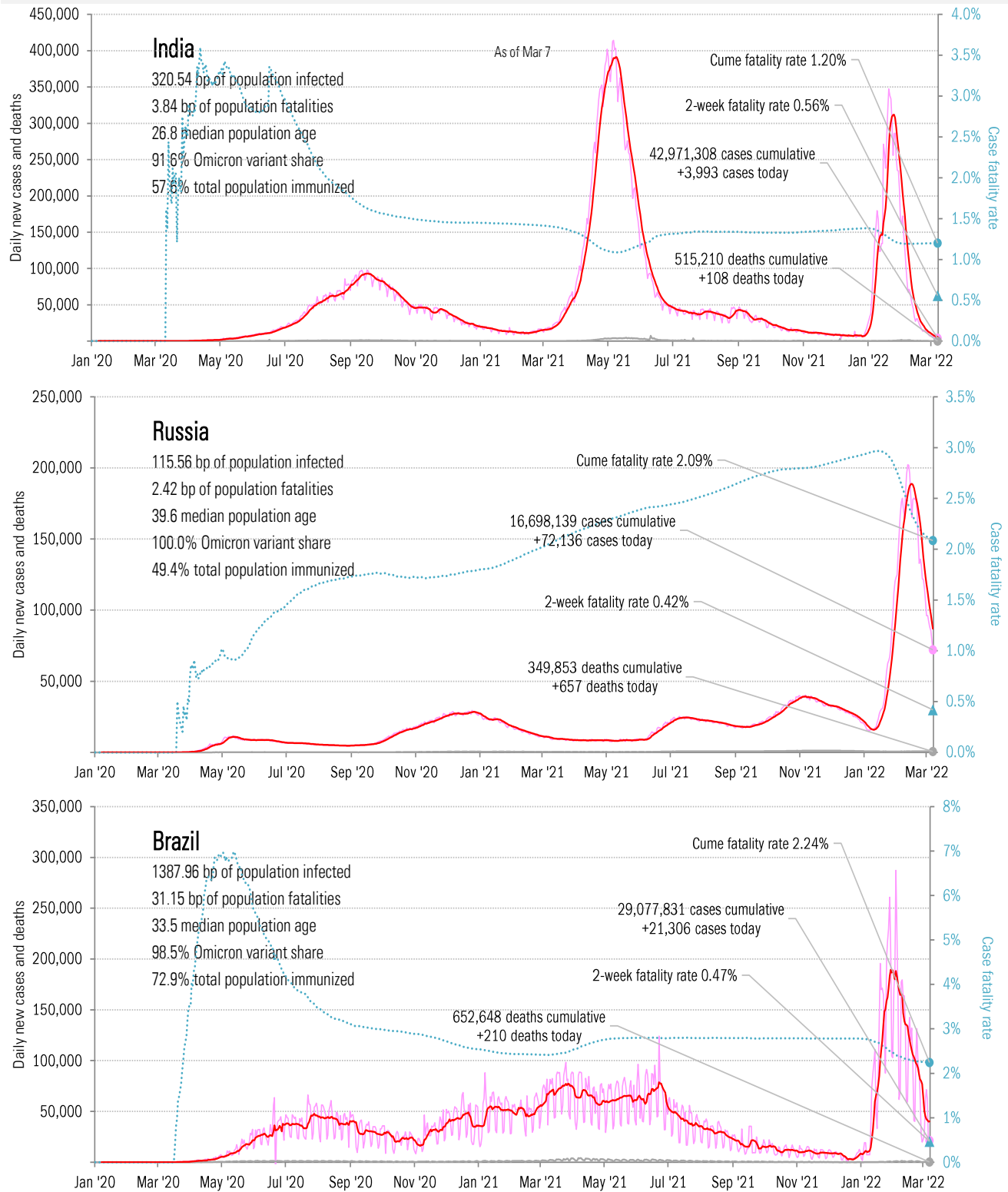
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

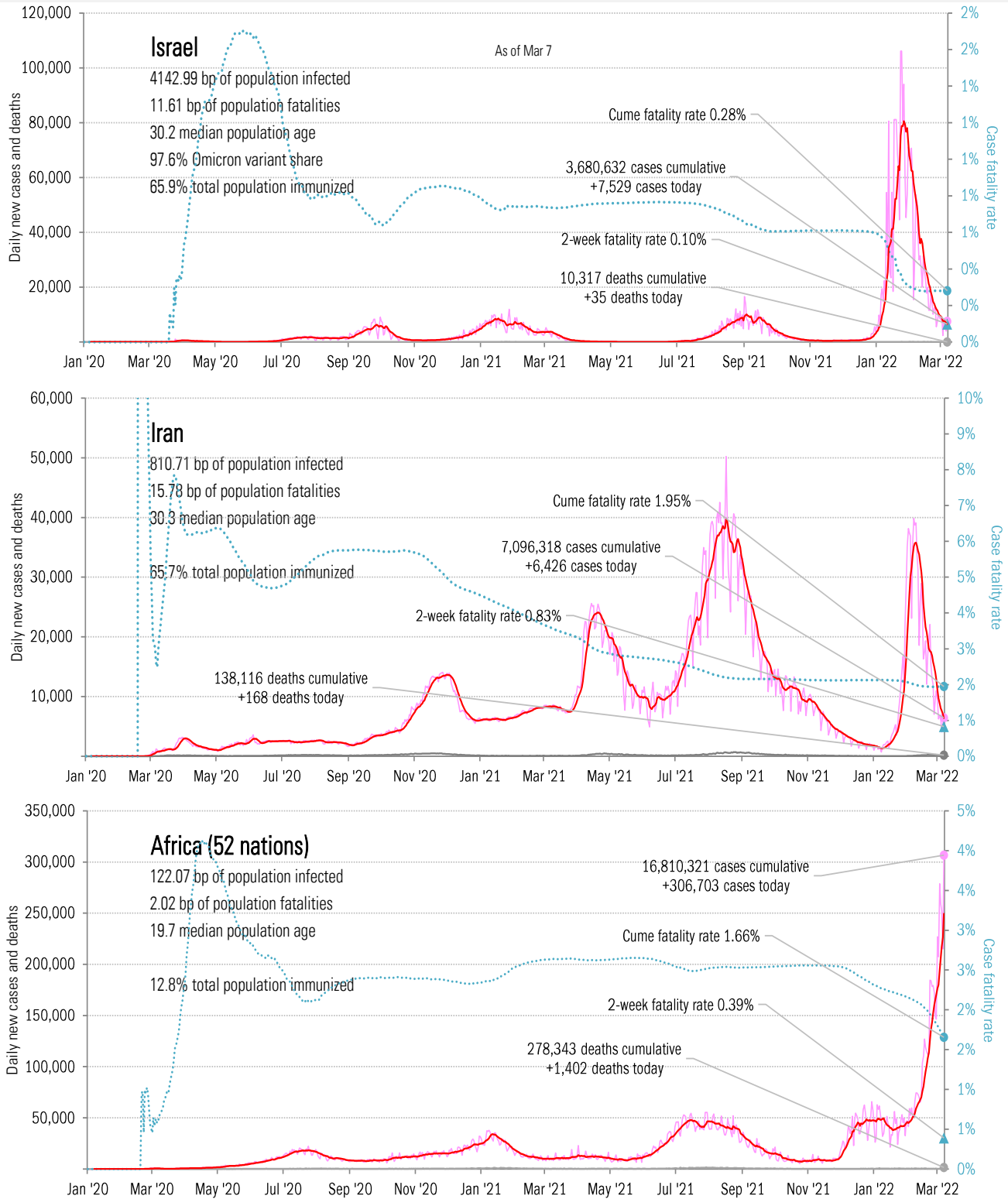
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

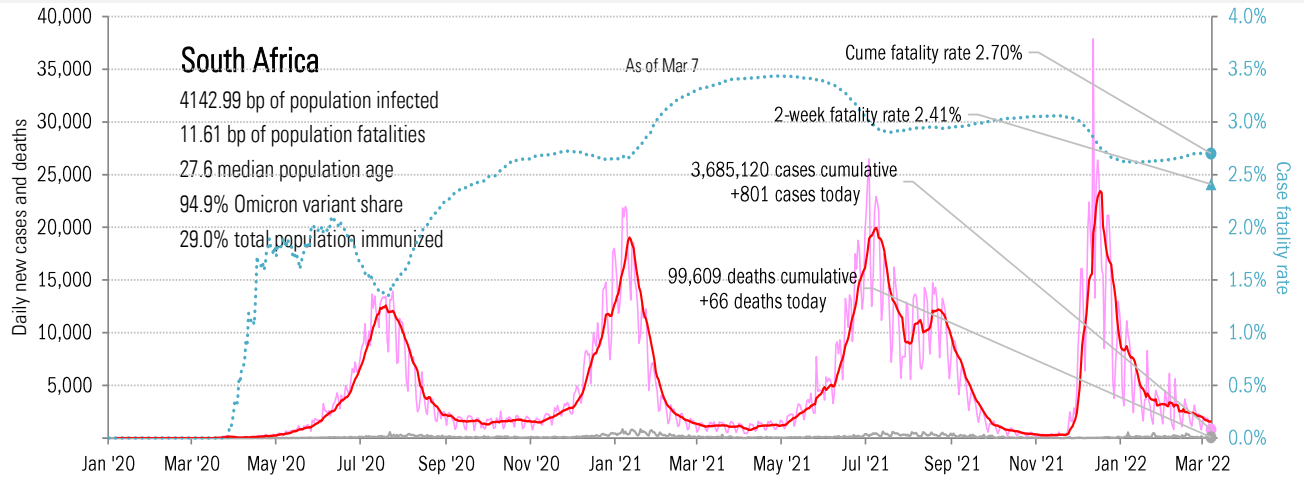
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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