

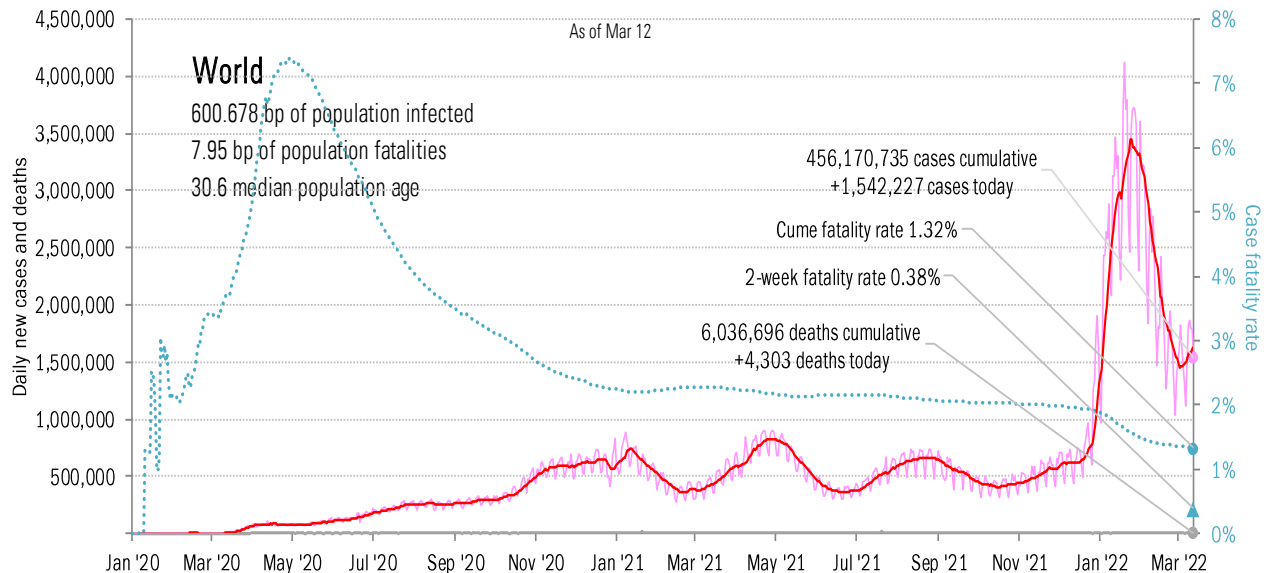
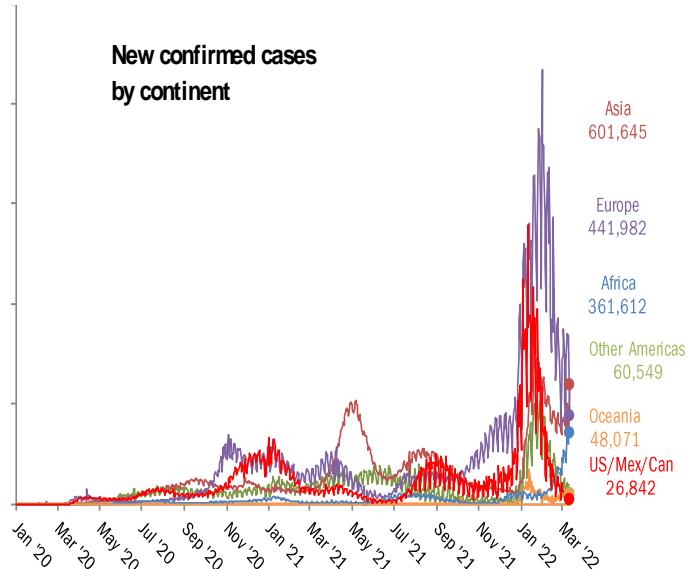
Data Insights: Covid-2019 Monitor

Sunday, March 13, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Vietnam	454,212	Russia	617
Korea, South	350,176	United States	510
Germany	146,847	Mexico	447
Netherlands	60,048	Brazil	391
Japan	55,226	Korea, South	251
Italy	54,720	Indonesia	248
Brazil	47,796	Japan	141
Russia	47,096	Italy	133
Austria	44,465	Turkey	132
Australia	33,495	Poland	127
World 1,294,081		World 2,997	
World 1,542,227		World 4,303	
Top ten 84%		Top ten 70%	



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

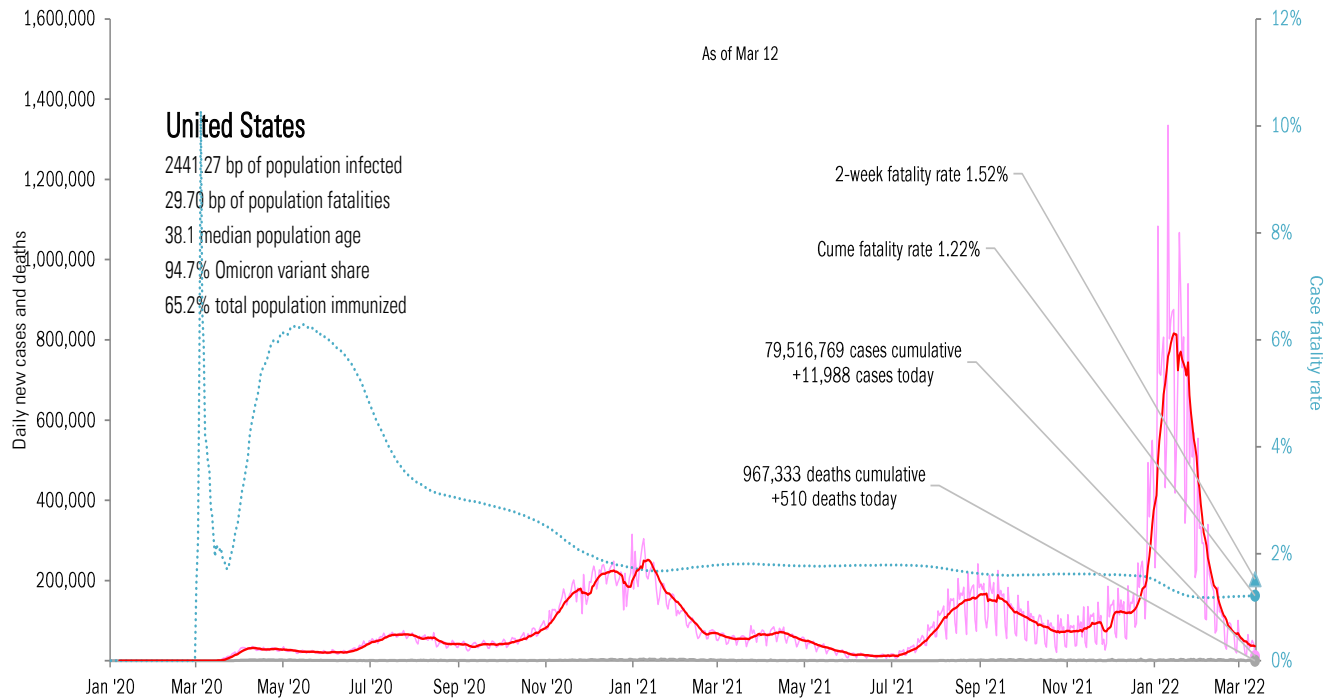
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	3,232		FL	123		IN	20		CA	9,037,504		CA	87,269		TX	483,723		RI	85%	NM	85%
CA	1,556		TX	91		MN	11		TX	6,670,677		TX	86,389		CA	418,879		DC	85%	RI	84%
FL	1,459		CA	50		CT	10		FL	5,867,540		FL	71,641		FL	411,130		MA	84%	TX	84%
NY	1,396		AR	28		IA	9		NY	4,946,173		NY	67,657		NY	242,762		WV	83%	AL	84%
PA	823		PA	26		NH	4		IL	3,045,718		PA	43,834		GA	205,548		MO	82%	KY	82%
NJ	714		NJ	15		TN	4		PA	2,769,336		CH	37,410		CH	188,965		GA	82%	DC	82%
AR	548		NY	14		WA	4		CH	2,663,518		GA	36,193		PA	174,375		WA	82%	WA	81%
CH	499		MD	12		NM	3		NC	2,608,603		IL	35,508		IL	155,232		MD	82%	AK	81%
IA	419		ME	3		FR	3		GA	2,476,516		MI	35,188		MI	139,518		MN	82%	AR	80%
TN	415		ND	3		OK	2		MI	2,371,788		NJ	33,102		KY	139,040		PA	82%	UT	80%
11,061			365			70			42,457,373			534,191			2,559,172						
All states	11,988		510			-562			All states	79,516,769		967,333			4,640,893			All states	70%	67%	
Top ten	92%		72%			-12%			Top ten	53%		55%			55%			Median	77%	73%	

Some states not reporting

Five most improved US states

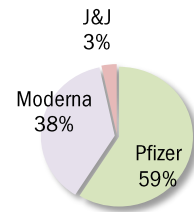
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
FL	-6,571	CH	-198	WV	-26	AL	+10 bp
TX	-5,050	CA	-92	NY	-24	CA	+10 bp
CA	-3,419	AS	-78	NV	-22	IL	+10 bp
WA	-3,131	AL	-66	NE	-17	IN	+10 bp
MI	-1,935	GA	-64	KY	-15	KS	+10 bp



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	571,770,932		+0.193 million	US	65.2%	76.6%
Boosters	97,151,223		+0.079 million	UK	72.1%	77.3%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	262,123,549	78%	222,802,791	67%	+0.046 million	France 77.7% 80.1%
Age 12 to 17	17,426,868	69%	14,854,277	59%	+0.005 million	Spain 83.7% 87.9%
Age 18 to 64	176,638,372	87%	149,795,597	74%	+0.026 million	Germany 75.0% 75.8%
Age 65 and over	58,241,887	100%	50,410,357	92%	+0.003 million	Italy 79.0% 83.9%
						Australia 80.0% 85.8%
						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%



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

AK	68.9%
	61.4%

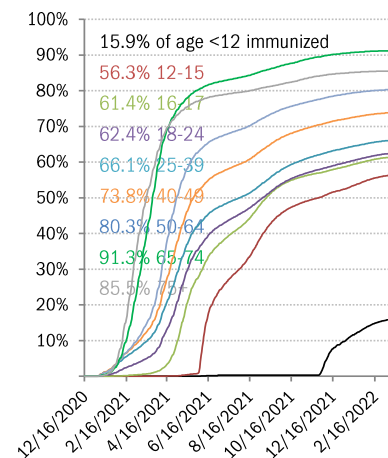
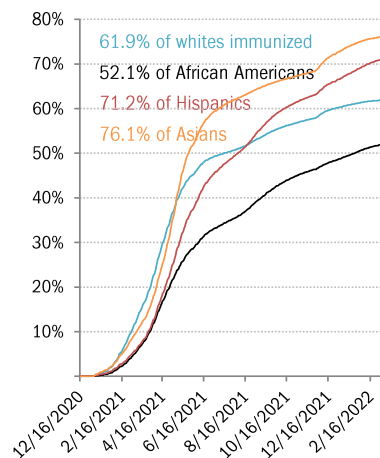
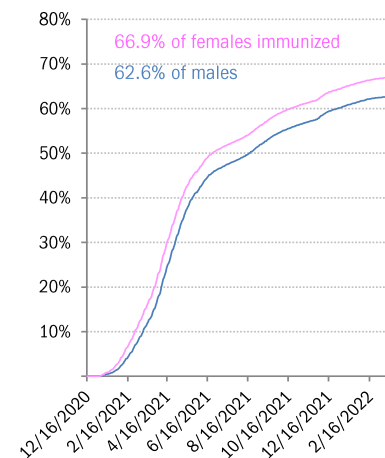
Immunity = two doses

As of Mar 12

Global data differs due to sources, timing

					WI					ME
					71.2%					89.2%
					64.8%					78.6%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
80.0%	60.5%	64.6%	64.5%	74.5%	76.2%	66.4%		89.3%	92.7%	95.0%
71.7%	53.3%	56.1%	54.5%	68.5%	67.8%	59.5%		75.8%	80.4%	69.4%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
77.2%	74.3%	58.2%	75.2%	67.4%	60.9%	63.0%	83.6%	89.4%	95.0%	
68.9%	60.0%	50.8%	60.2%	61.3%	54.3%	57.8%	67.3%	74.6%	77.9%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.1%	71.3%	78.6%	69.5%	65.6%	65.5%	64.4%	84.7%	85.2%	94.3%	95.0%
70.8%	63.4%	69.5%	62.7%	55.4%	56.7%	57.0%	72.3%	74.4%	78.1%	81.1%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	71.8%	86.3%	73.8%	65.9%	61.5%	82.7%	66.9%	95.0%	82.1%	
	60.4%	70.0%	60.6%	53.7%	53.8%	59.6%	56.3%	72.0%	68.0%	
			OK	LA	MS	AL	GA			
			70.2%	60.4%	59.0%	62.1%	64.6%			
			56.2%	52.9%	51.2%	50.5%	53.9%			
			TX					FL		PR
			71.5%					78.3%		95.0%
			60.3%					66.2%		81.9%

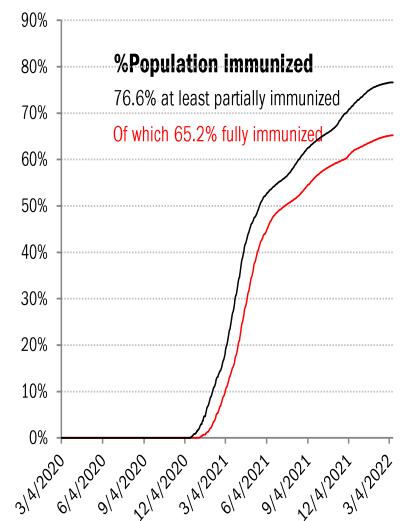
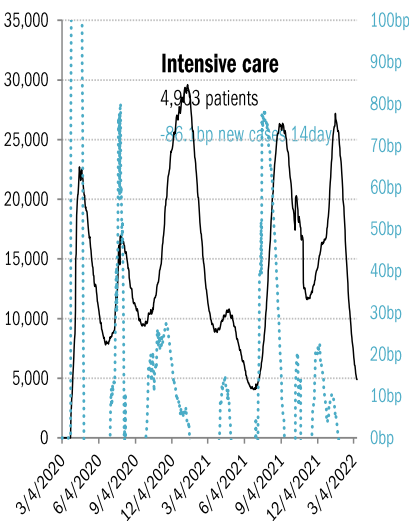
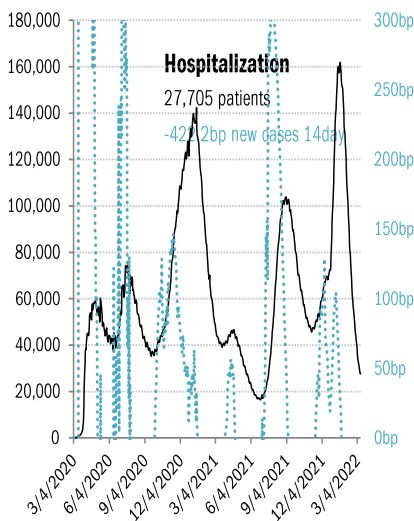
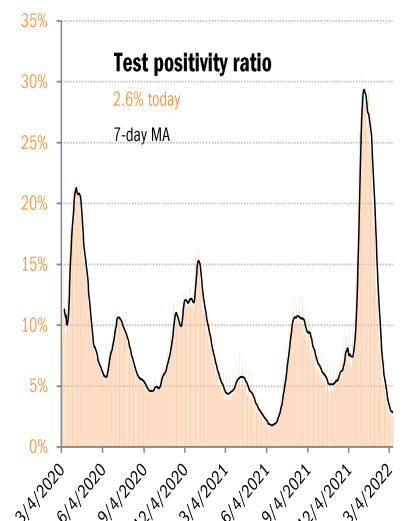
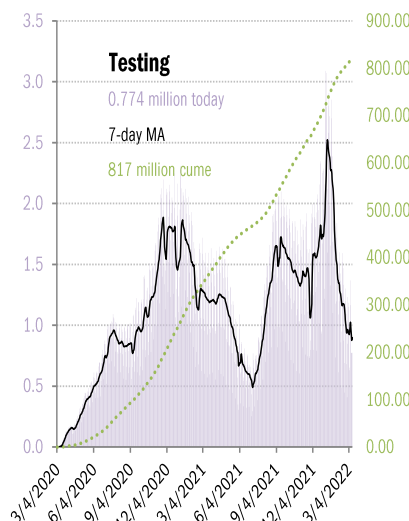
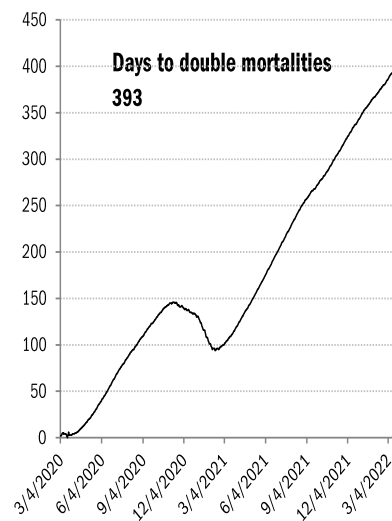
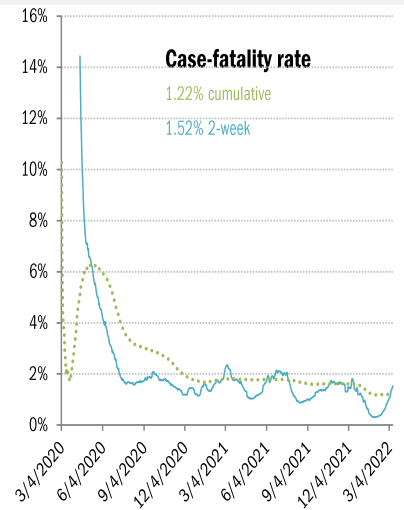
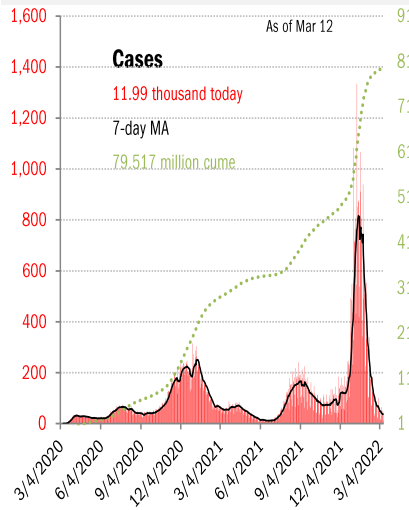
The demographics of US vaccination



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

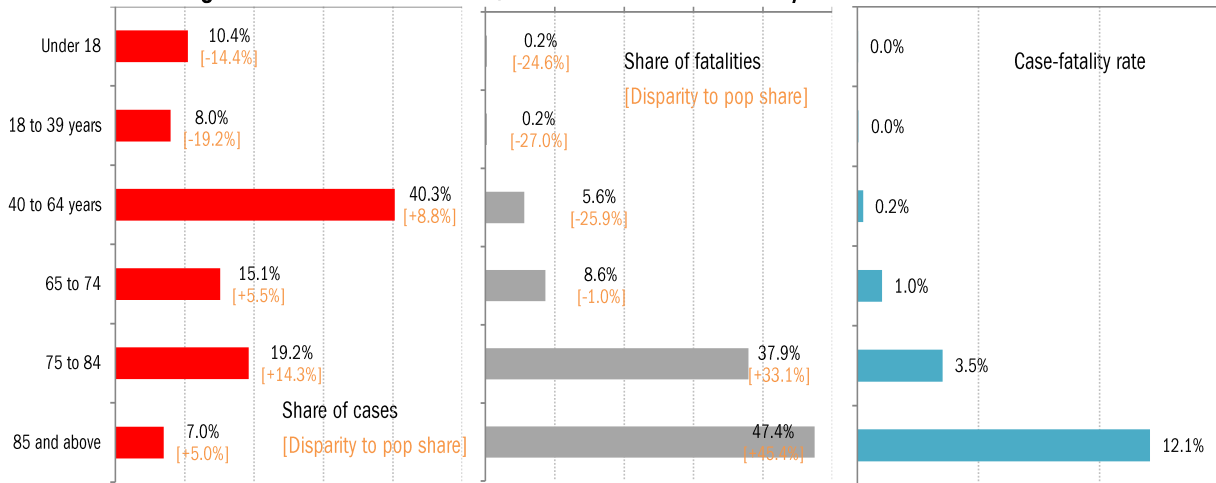
US deep-dive

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

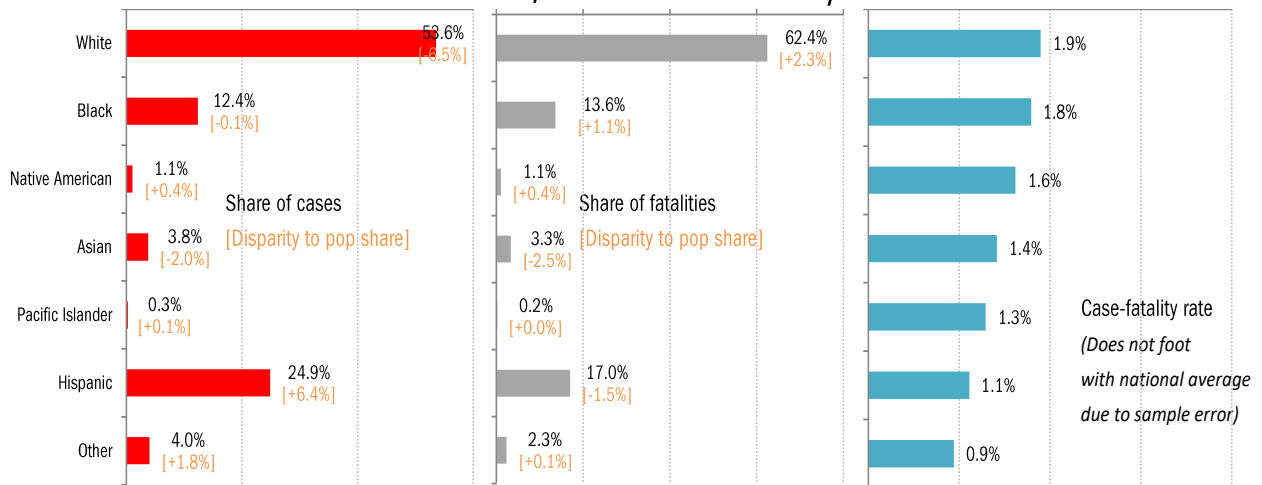


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

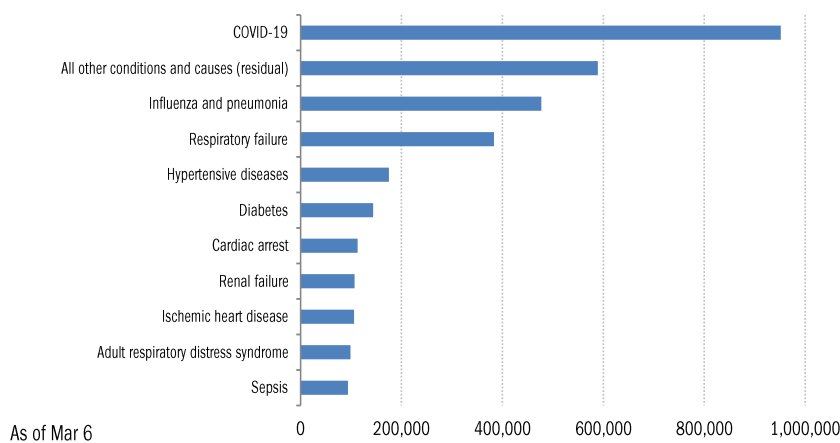


Racial distribution of US cases, fatalities and case-fatality rates



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

[Investigating Fauci's Finances](#)

Adam Andrzejewski and Thomas Smith

Open The Books

March 2022

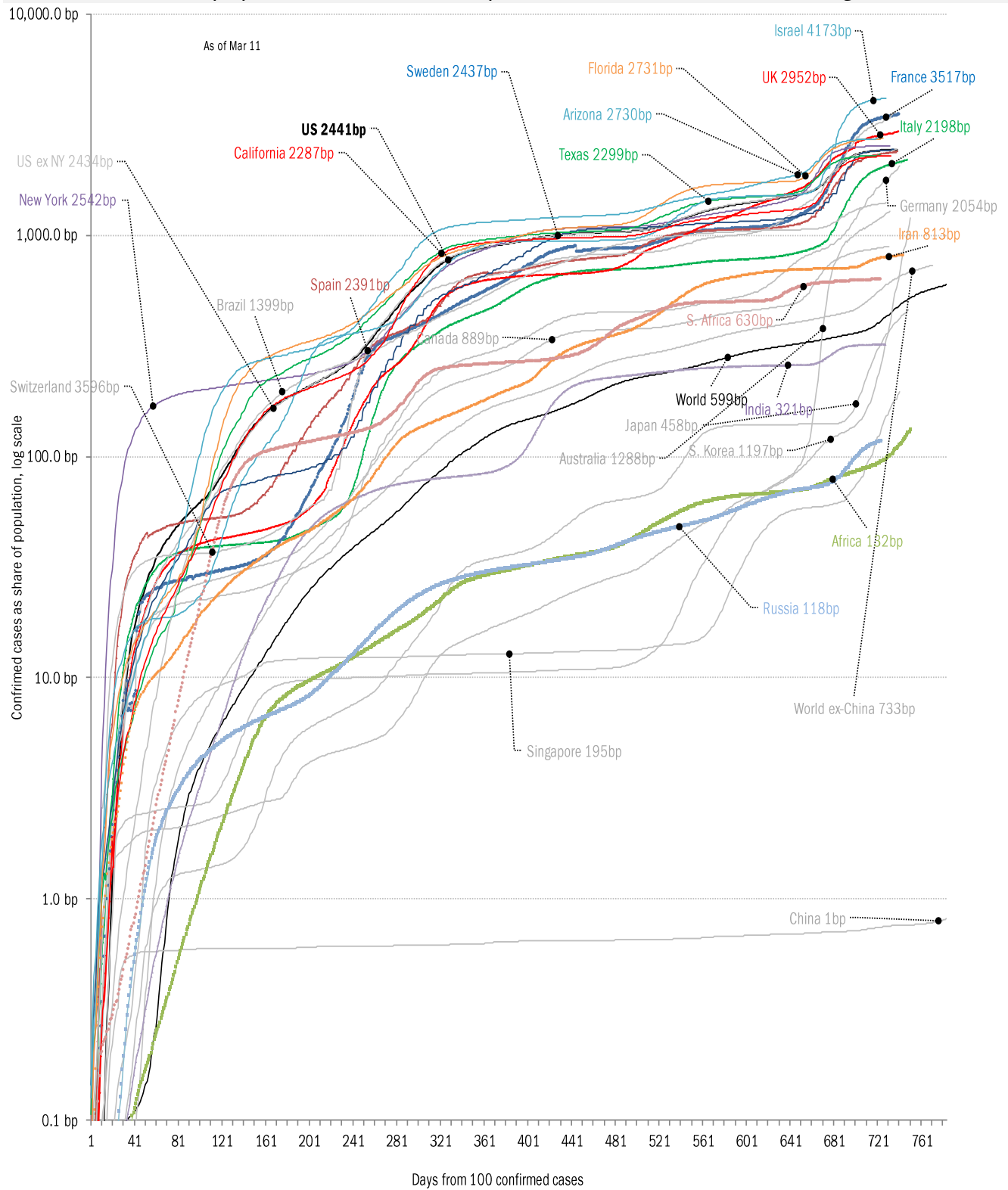
Meme of the day



Attention-Starved Dr. Fauci Agrees To Box Jake Paul

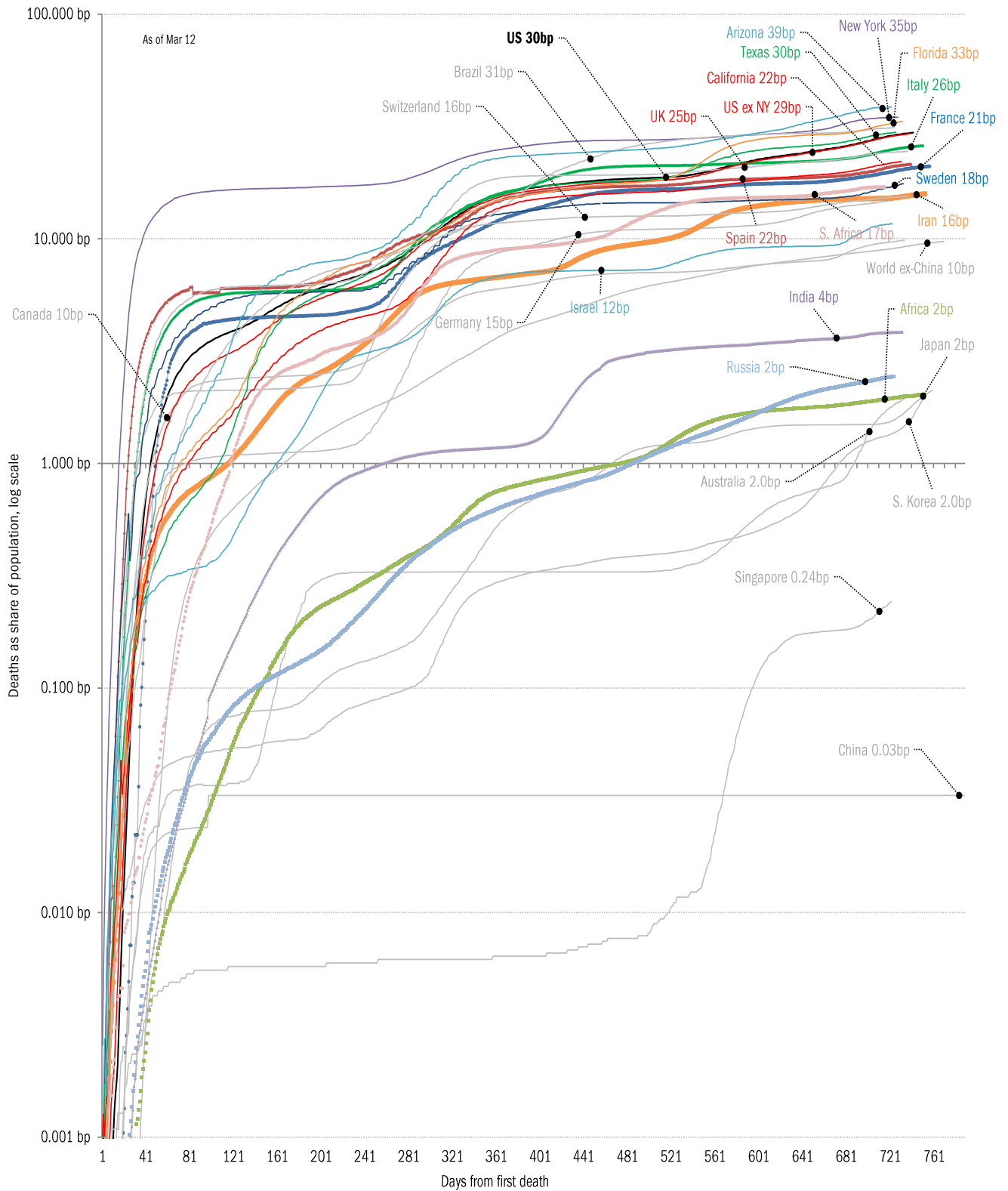
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

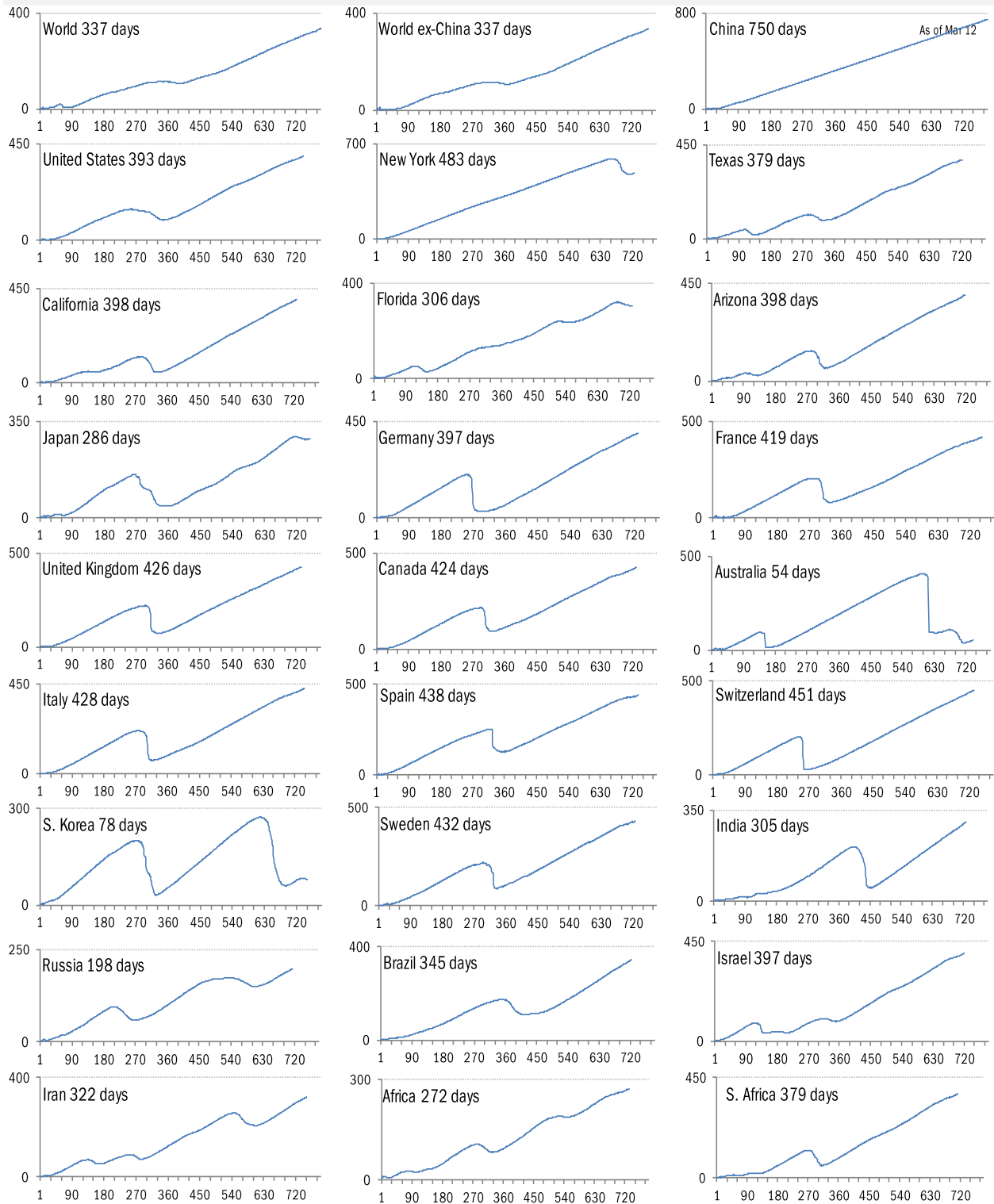


Source: [Johns Hopkins](#), TrendMacro calculations

"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

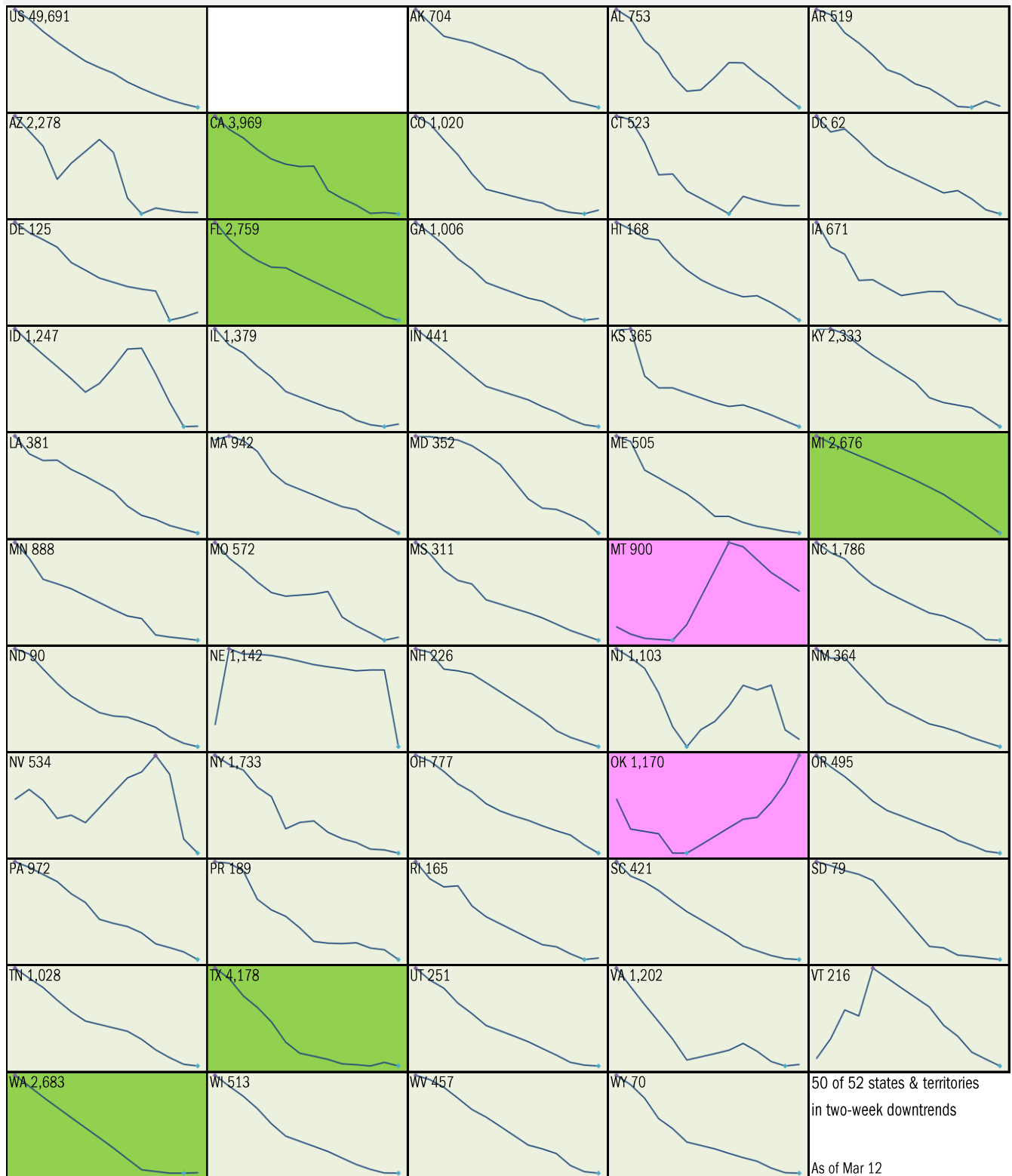


Source: [Johns Hopkins](#), TrendMacro calculations

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

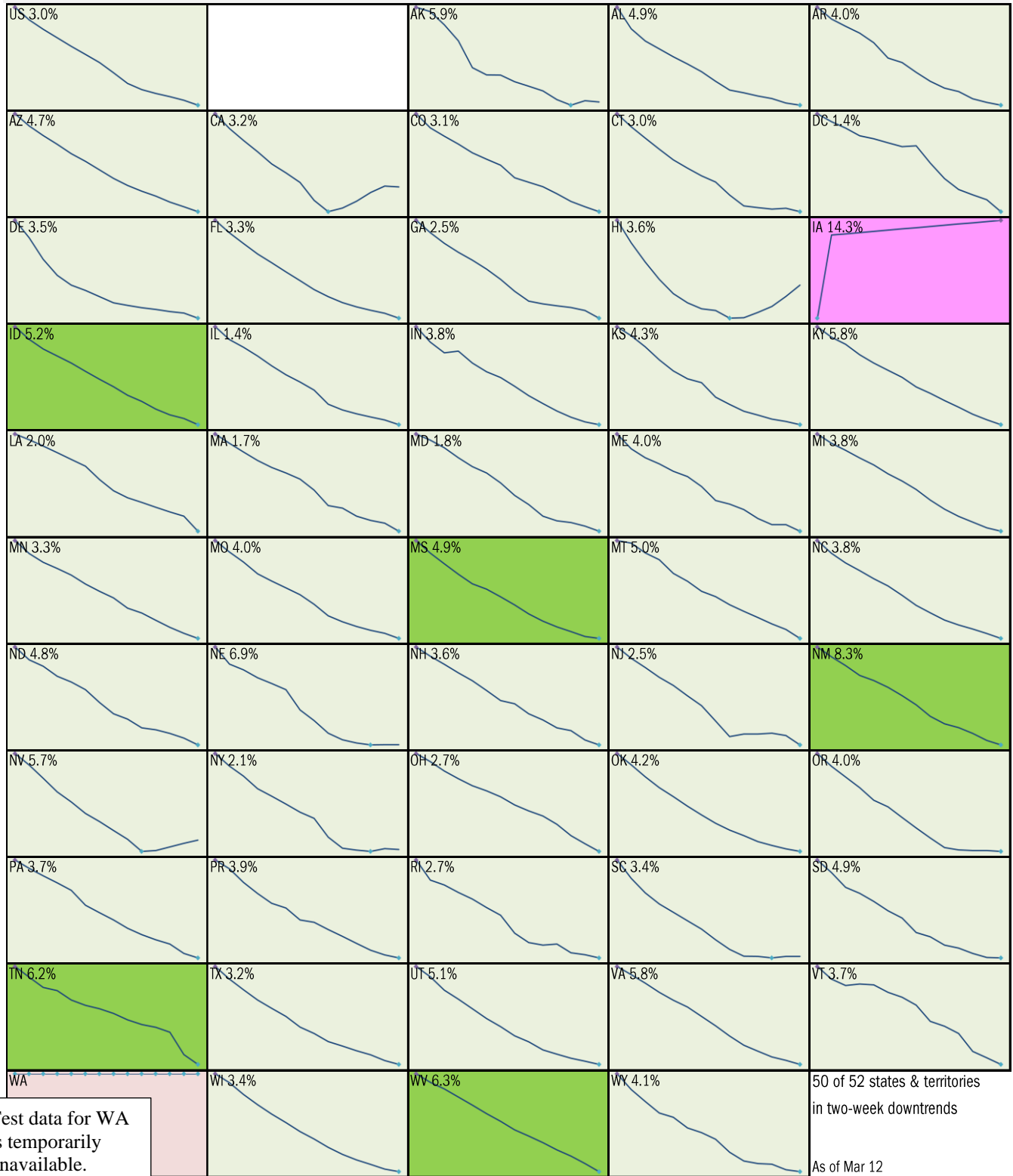


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day "downward trajectory" in **test-positivity ratio**

14-day moving average, last 14 days *Most recent value displayed* ● High ● Low

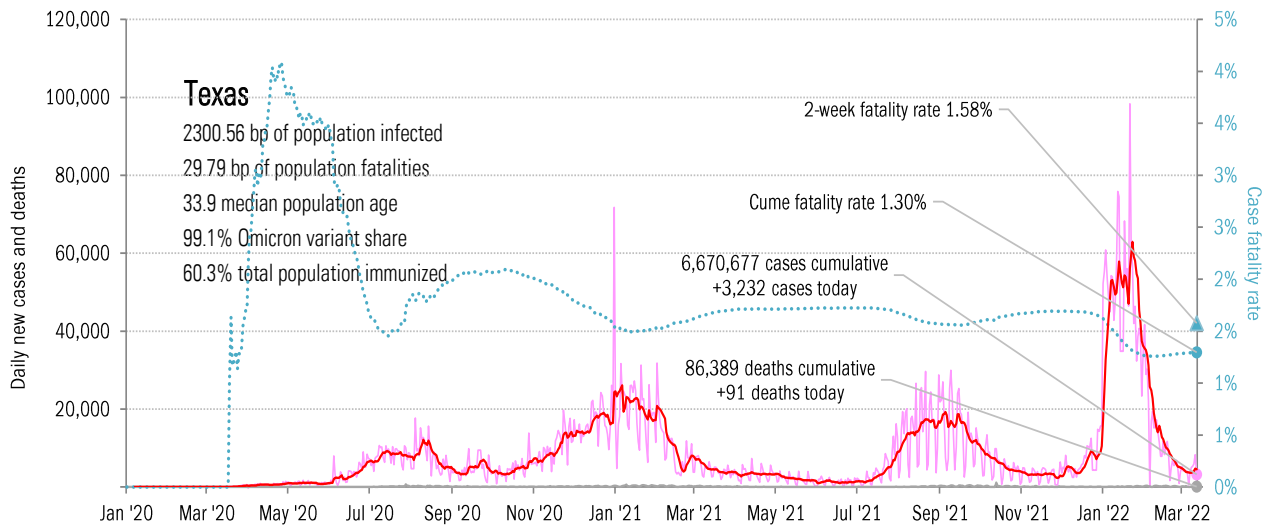
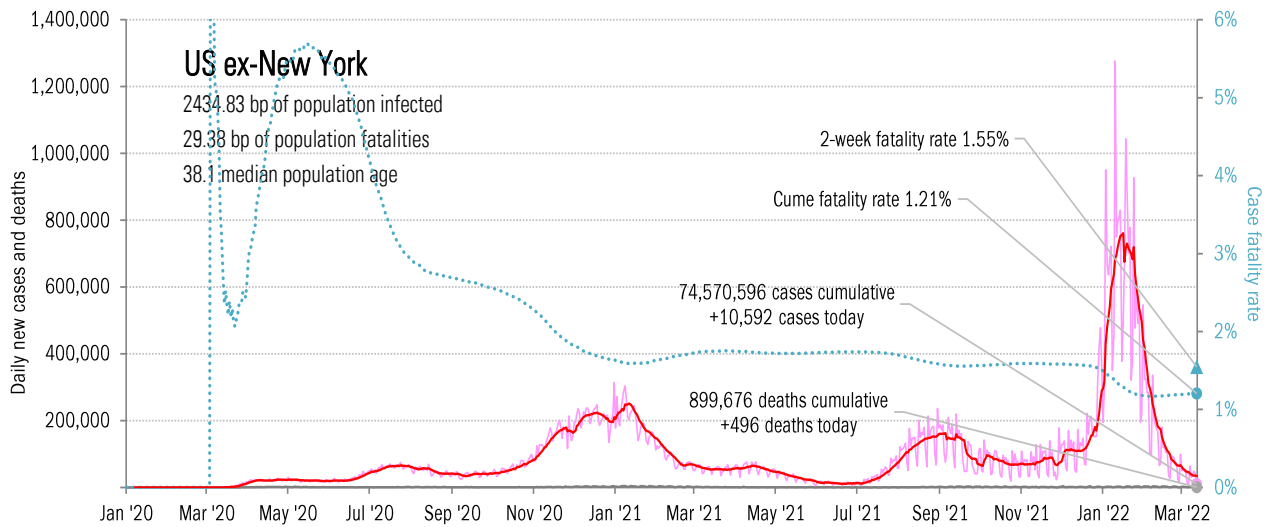
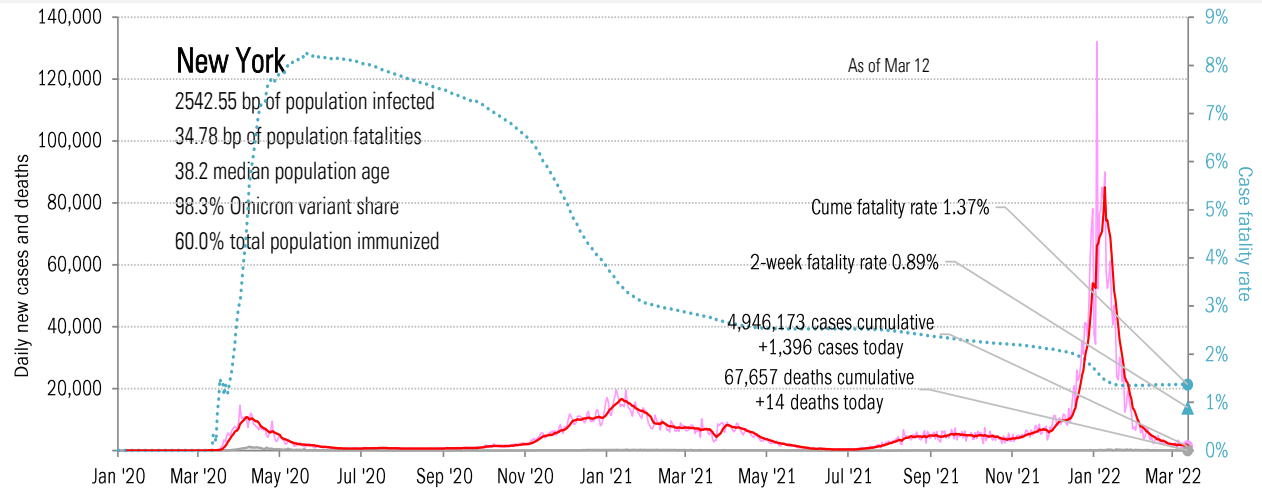
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



Source: [Covid Act Now](https://www.covidactnow.com/), TrendMacro calculations

From Ground Zero to the Rio Grande

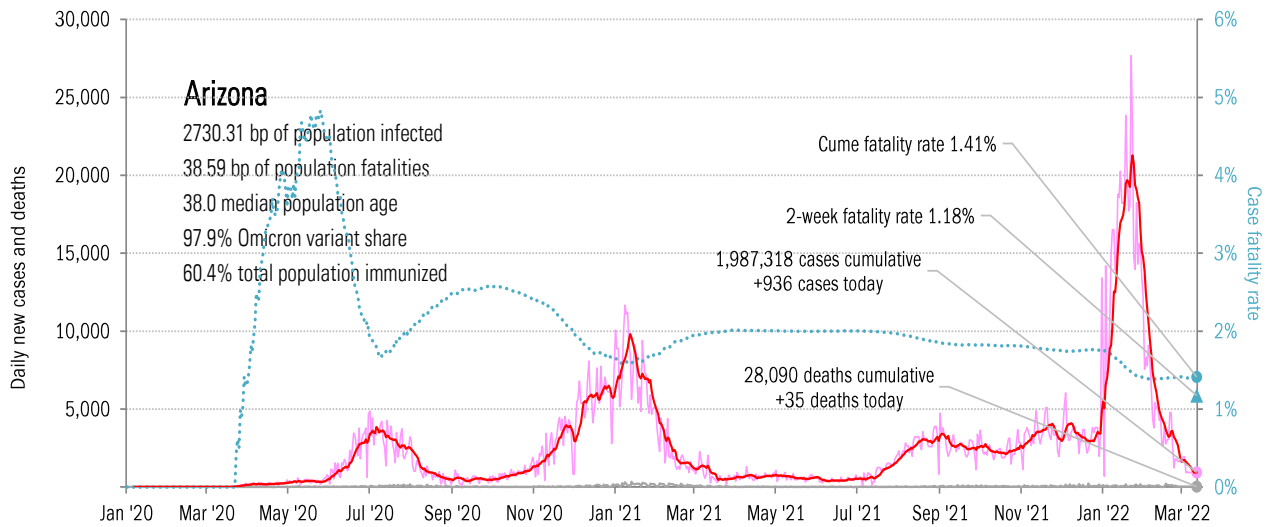
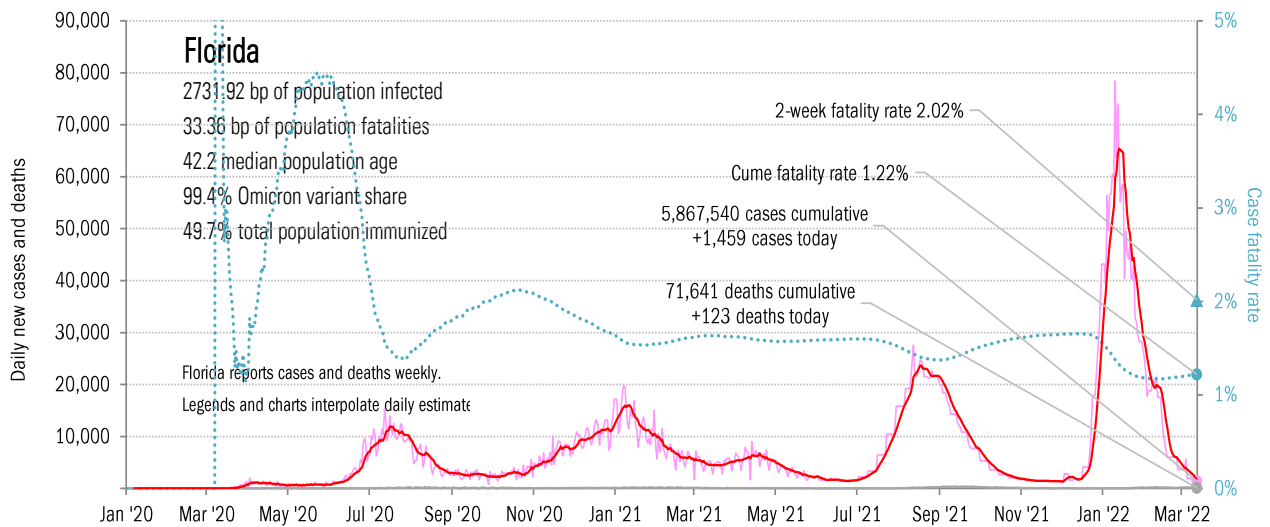
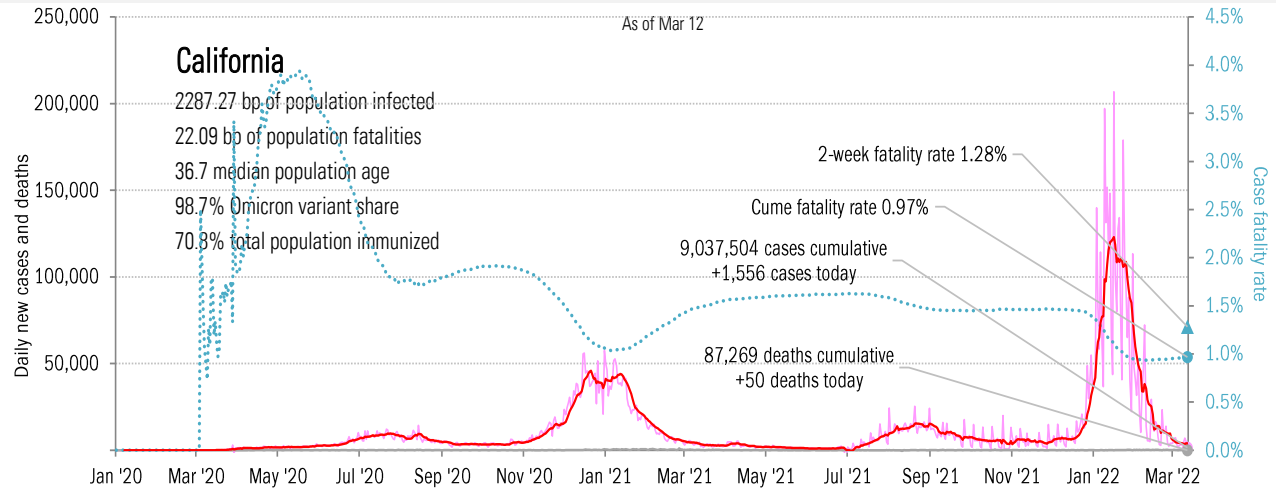
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

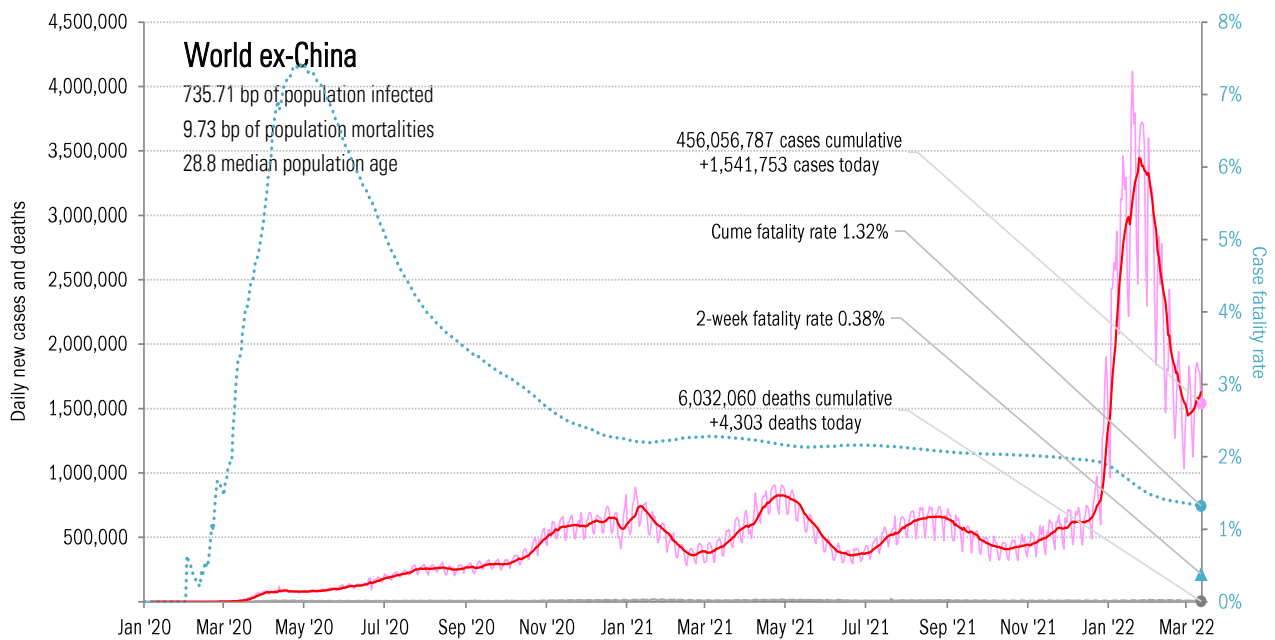
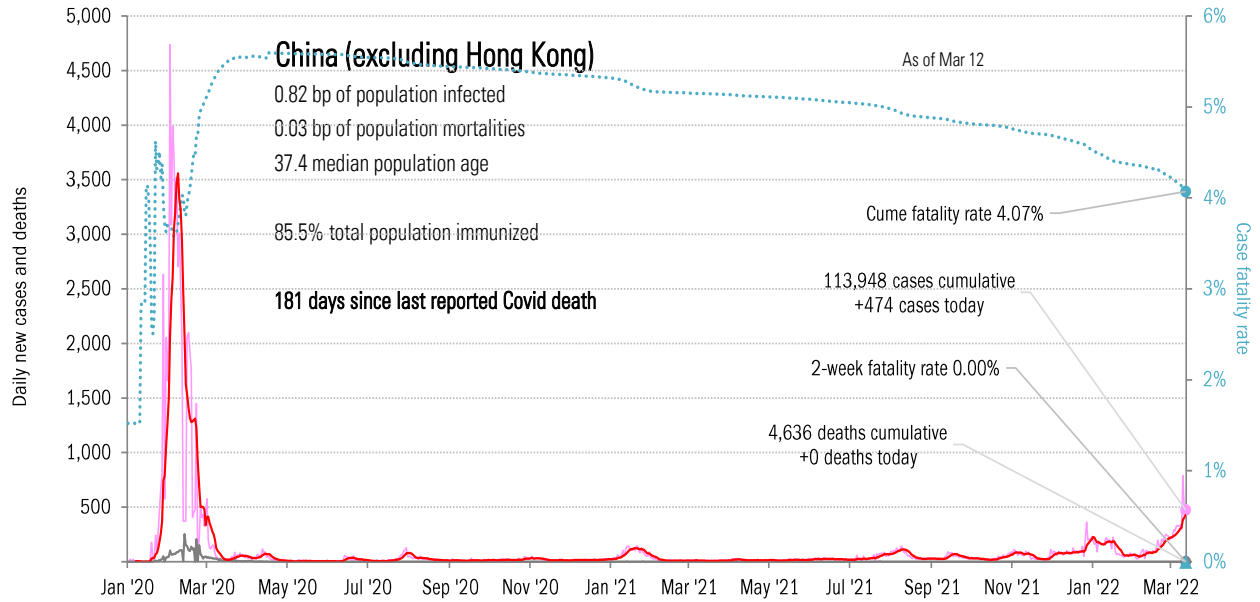
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

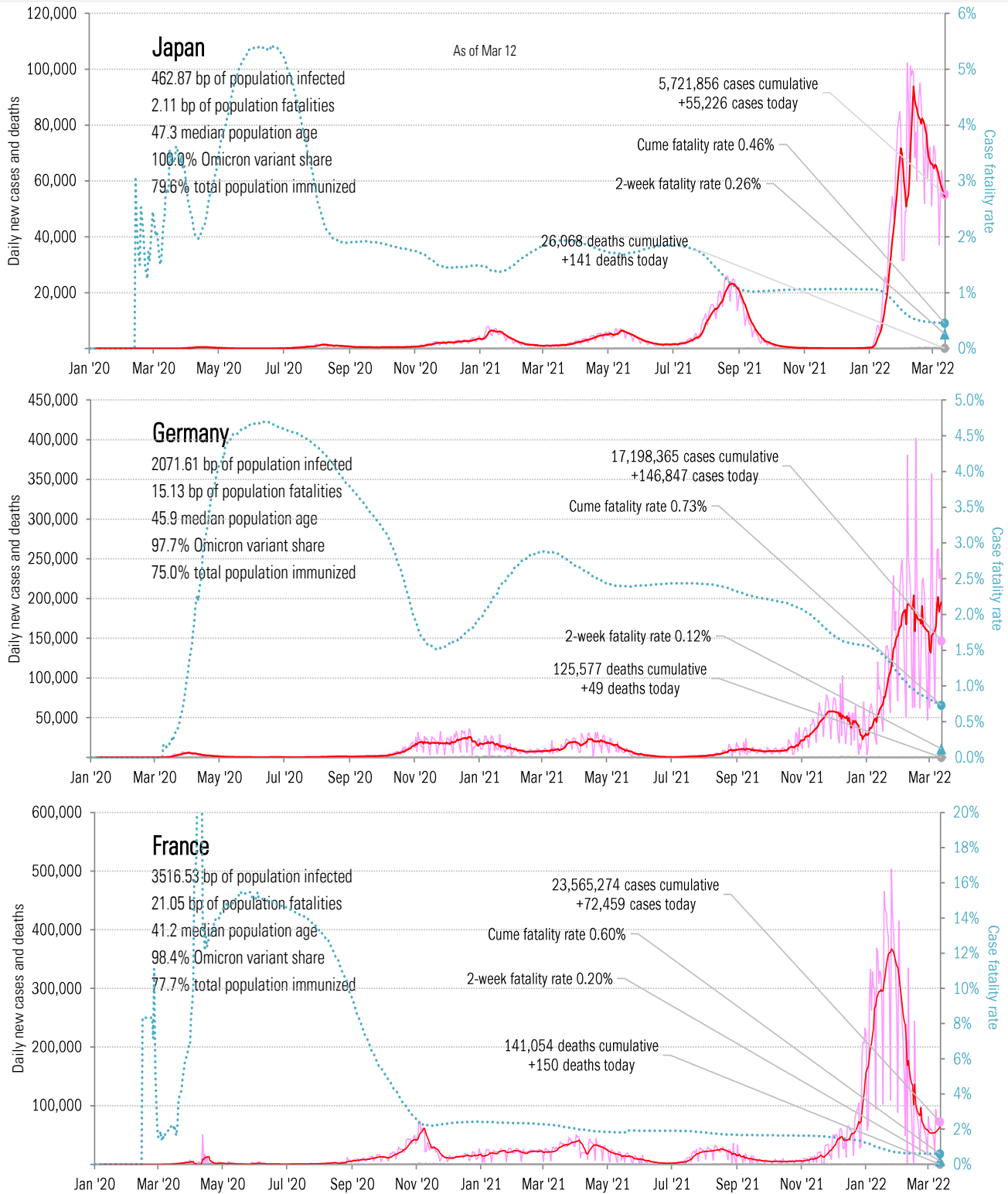
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

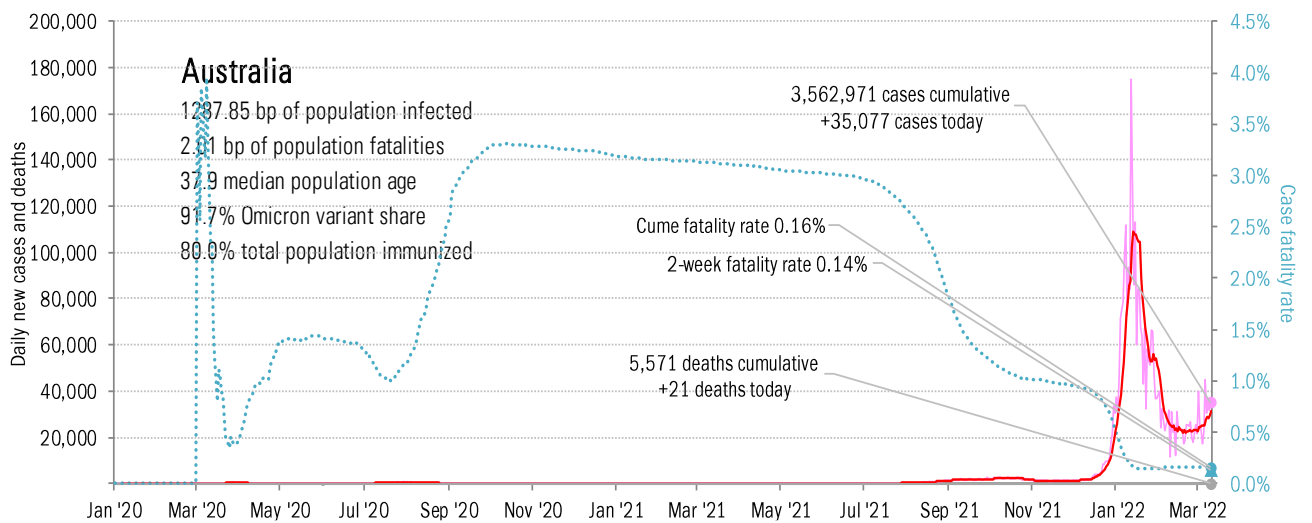
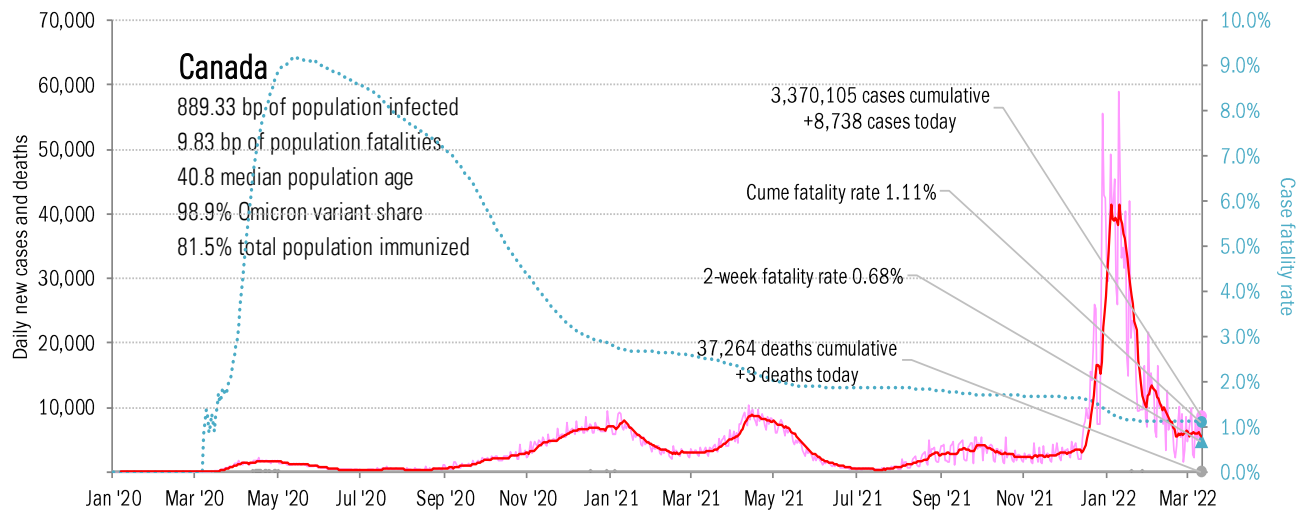
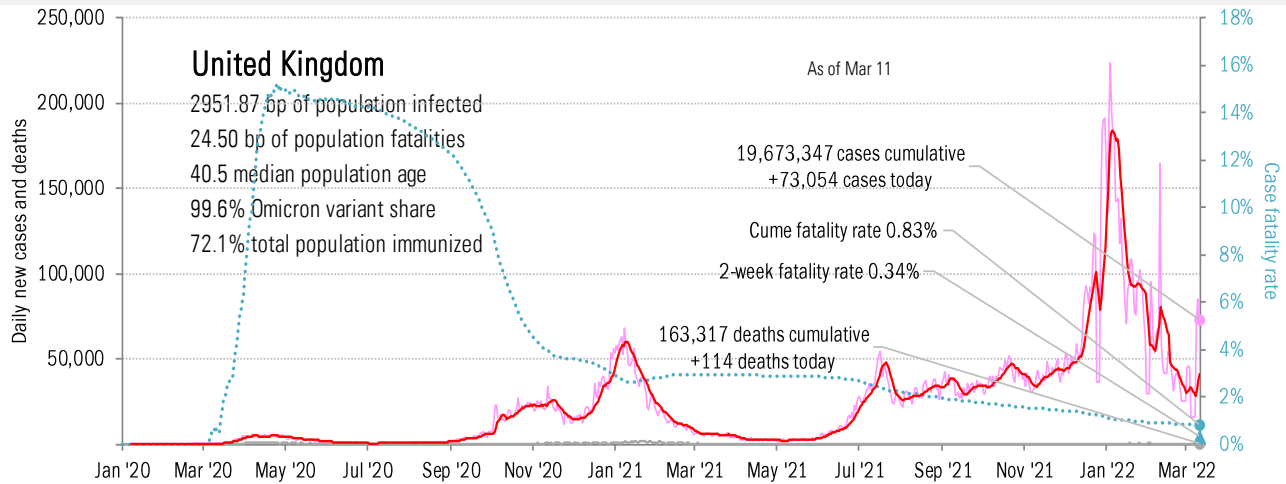
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

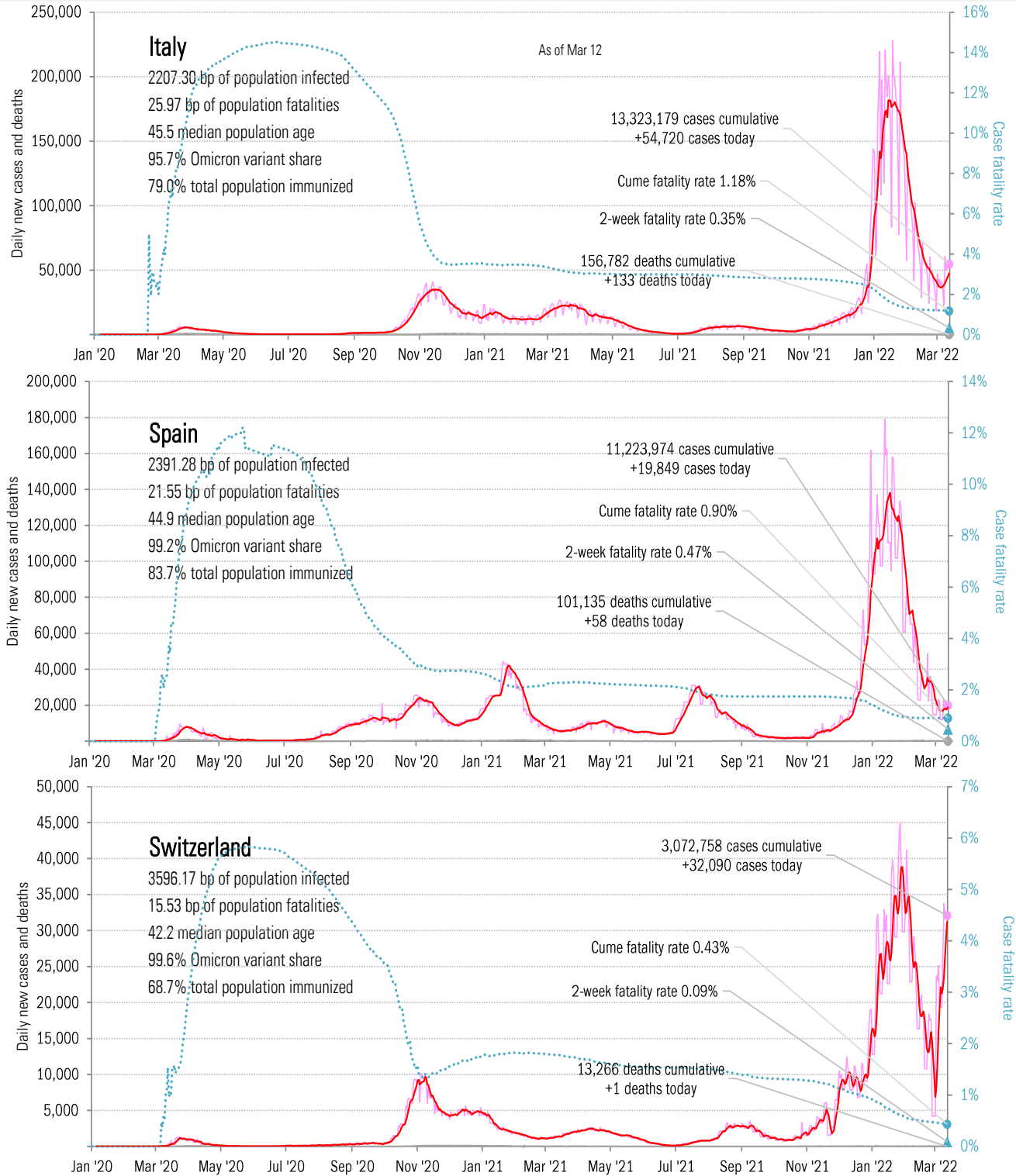
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

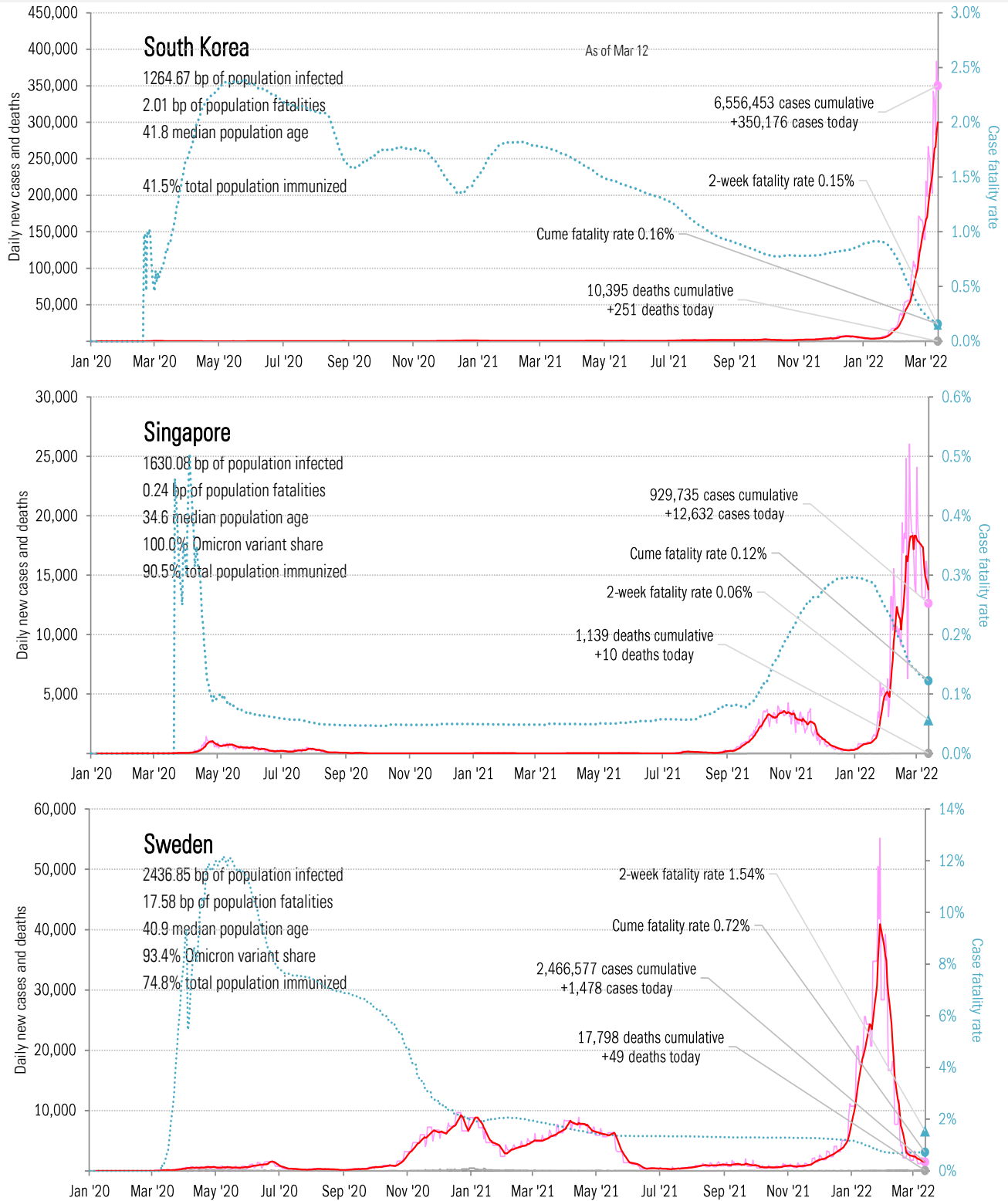
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

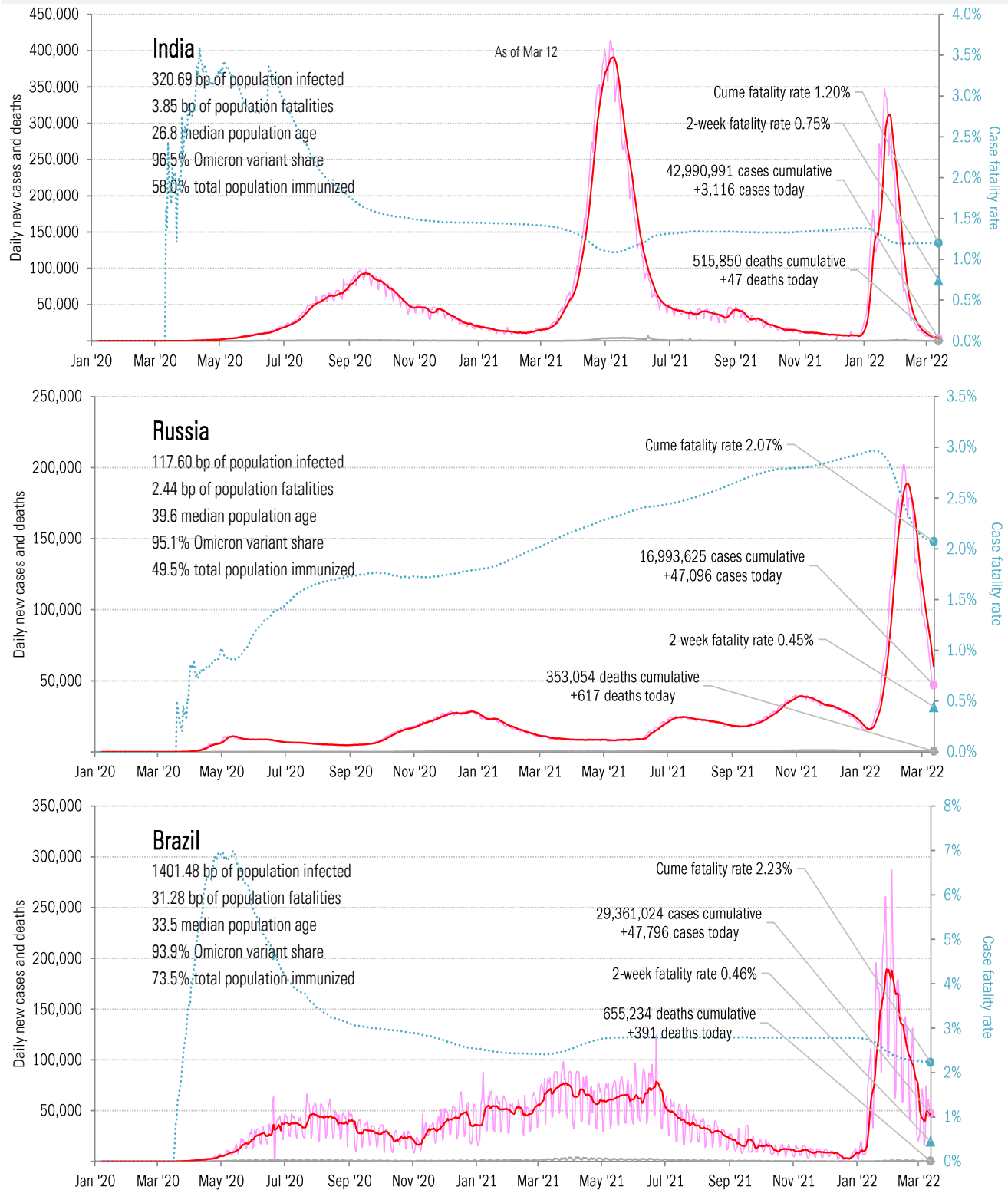
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

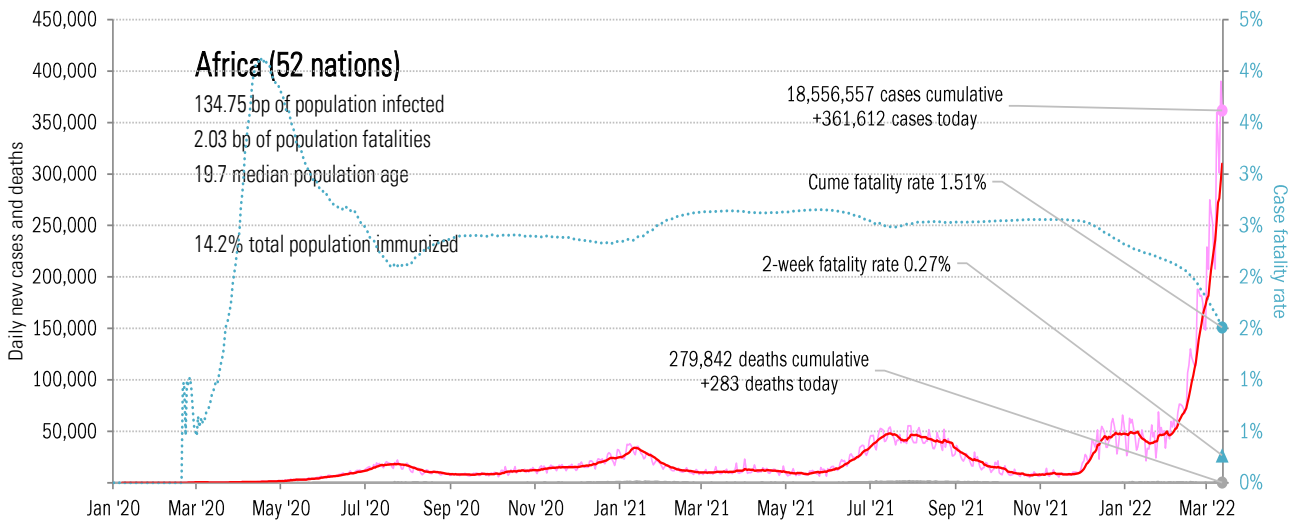
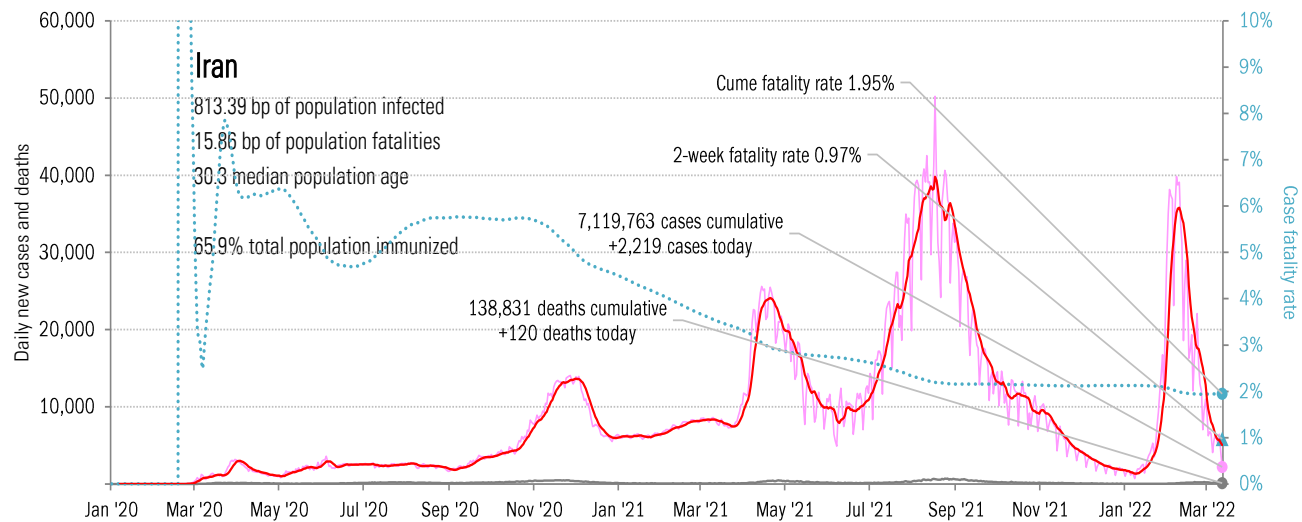
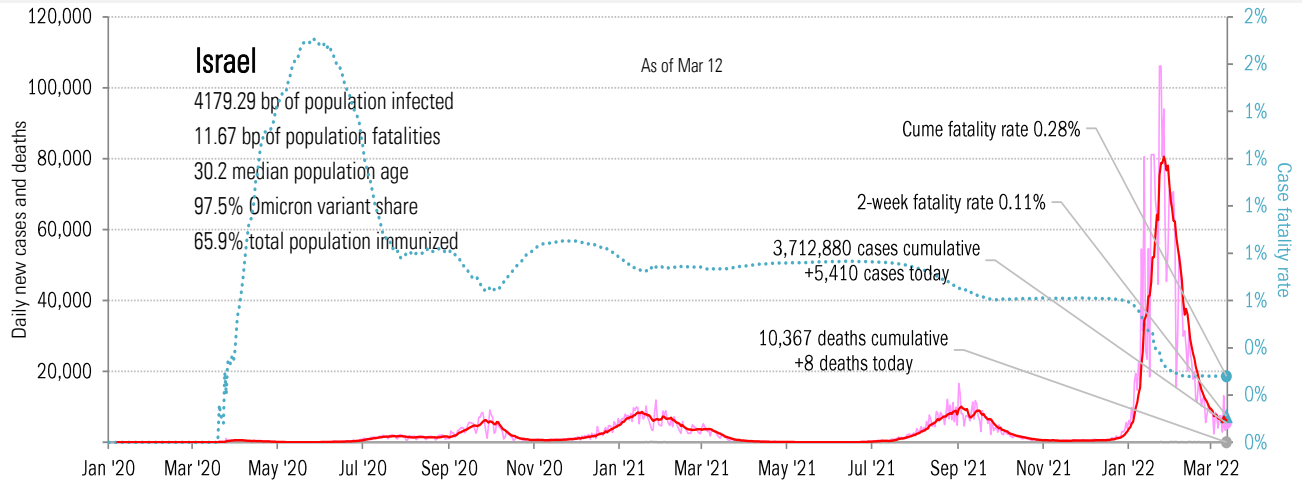
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

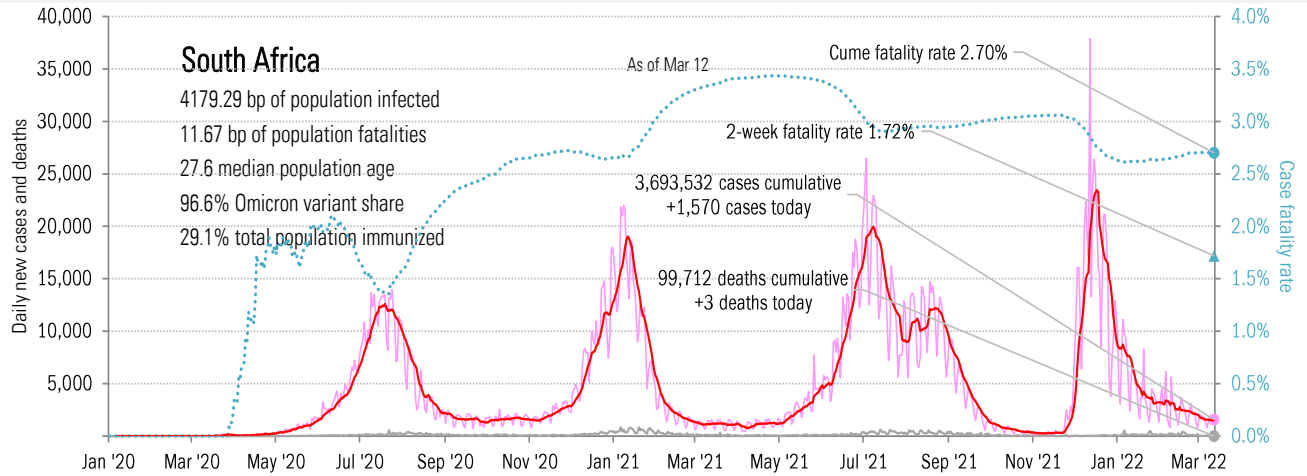
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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