

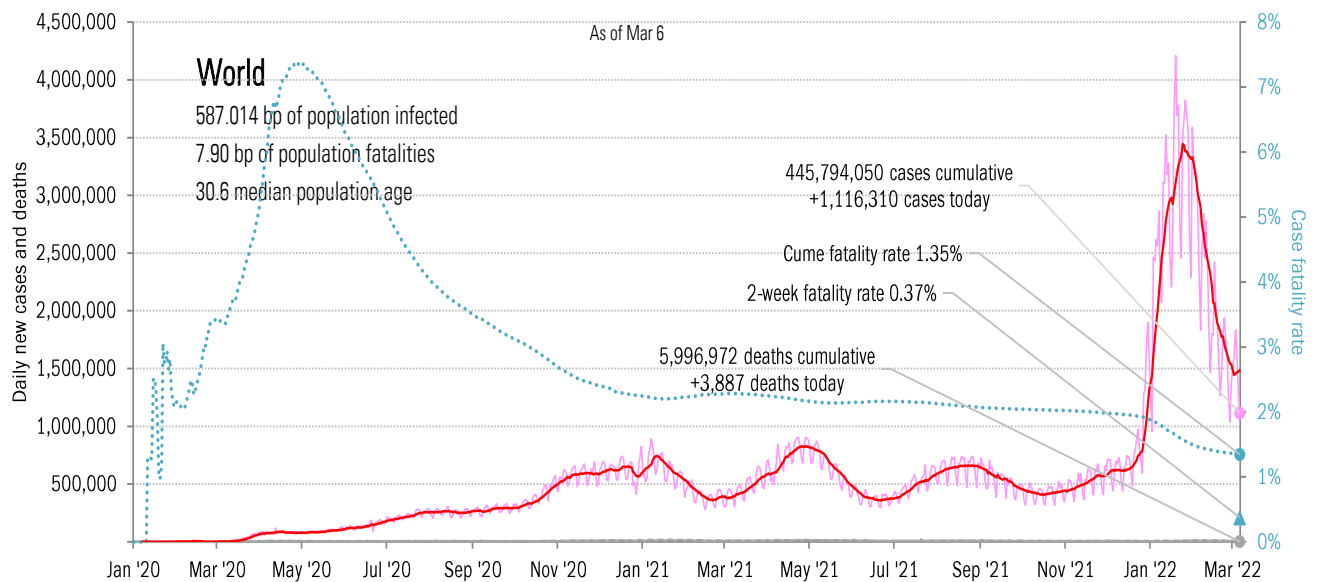
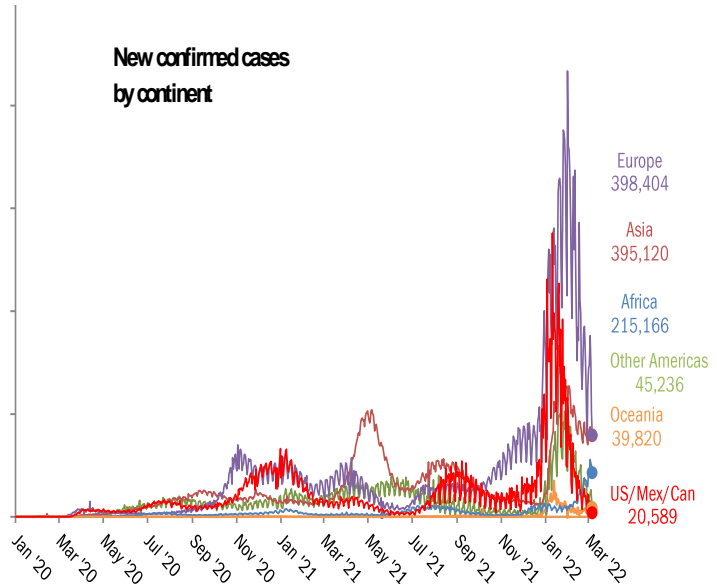
Data Insights: Covid-2019 Monitor

Monday, March 7, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Korea, South	210,713	Russia	729
Vietnam	202,180	United States	356
Russia	78,632	Mexico	255
Germany	67,466	Indonesia	254
Netherlands	66,799	Brazil	222
Japan	53,897	Iran	201
France	45,328	Turkey	170
Italy	35,889	Philippines	144
Austria	28,463	Korea, South	139
Turkey	27,671	Japan	132
817,038		2,602	
World	1,116,310	World	3,887
Top ten	73%	Top ten	67%



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

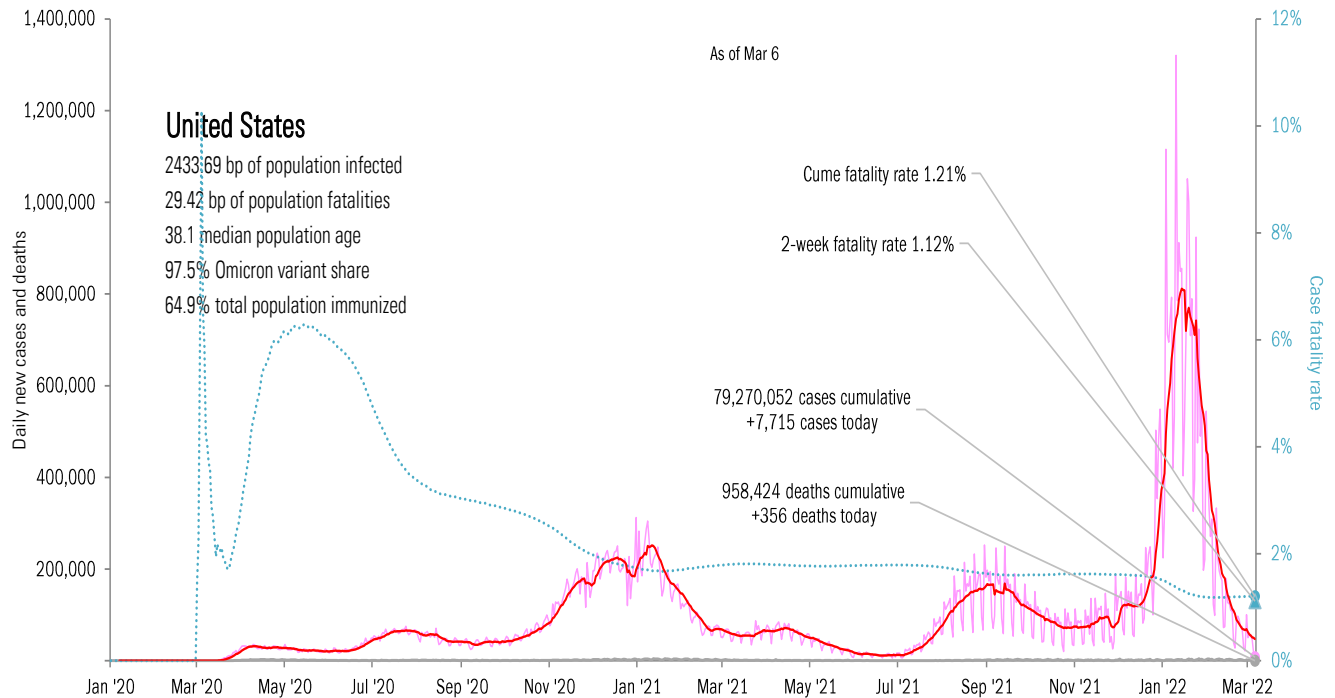
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
NY	2,343		FL	172		PA	32		CA	9,005,322		CA	86,286		TX	482,296		RI	88%	TX	86%
FL	1,975		PA	75		AR	15		TX	6,639,270		TX	85,757		CA	417,340		MA	85%	MS	85%
NJ	660		TN	69		IN	15		FL	5,856,638		FL	70,800		FL	410,038		MN	84%	RI	83%
TX	558		TX	46		NY	13		NY	4,937,052		NY	67,556		NY	242,551		WV	83%	AK	83%
PA	556		NY	33		MO	12		IL	3,037,199		PA	43,600		GA	203,886		WA	83%	AL	83%
CH	360		AR	14		OK	11		PA	2,763,589		CH	37,018		CH	188,524		MO	82%	NV	82%
AR	310		MD	7		OR	10		CH	2,659,498		GA	35,782		PA	173,952		GA	82%	NM	82%
MD	249		NJ	6		UT	10		NC	2,598,014		IL	35,359		IL	154,787		AK	80%	AR	81%
H	196		H	1		IL	8		GA	2,470,384		MI	34,841		MI	139,054		MD	80%	CK	81%
FR	188		ME	1		MD	7		MI	2,365,827		NJ	33,011		KY	138,682		DC	80%	NH	81%
7,395			424			133			42,332,793			530,010			2,551,110						
All states	7,715		356		-227			All states	79,270,052		958,424		4,626,119		All states	70%	67%				
Top ten	96%		119%		-59%			Top ten	53%		55%		55%		Median	76%	74%				

Some states not reporting

Five most improved US states

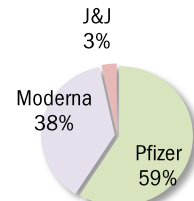
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TX	-3,460	TX	-55	GA	-292	AZ	+10 bp
CA	-1,353	CA	-48	WI	-26	FL	+10 bp
NY	-1,029	DE	-38	MN	-9	GA	+10 bp
TN	-755	ME	-25	AK	-8	IL	+10 bp
IA	-525	ND	-5	NH	-7	KS	+10 bp



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	570,081,808		+0.125 million	US	64.9%	0.0%
Boosters	96,425,394		+0.050 million	UK	71.9%	0.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	261,714,314	78%	222,373,883	67%	+0.035 million	France 77.6% 0.0%
Age 12 to 17	17,378,714	69%	14,806,315	59%	+0.004 million	Spain 83.7% 0.0%
Age 18 to 64	176,389,539	87%	149,564,294	74%	+0.018 million	Germany 74.9% 0.0%
Age 65 and over	58,229,808	100%	50,384,441	92%	+0.002 million	Italy 78.9% 0.0%



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



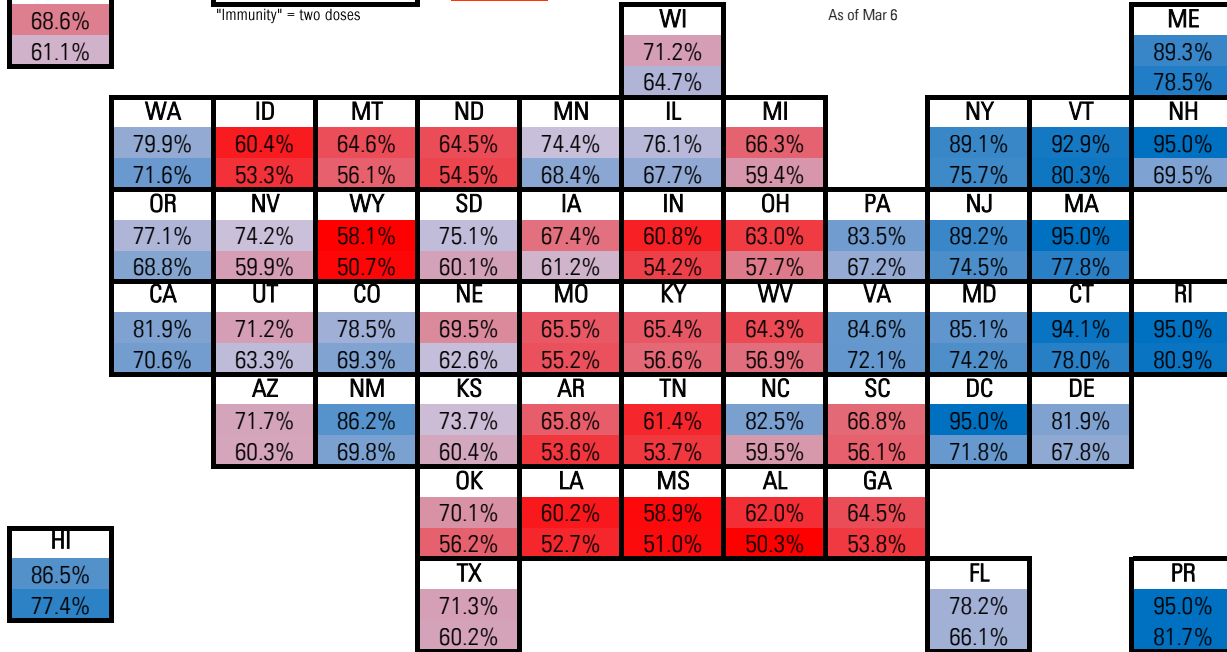
AK	68.6%
	61.1%

Immunity = two doses

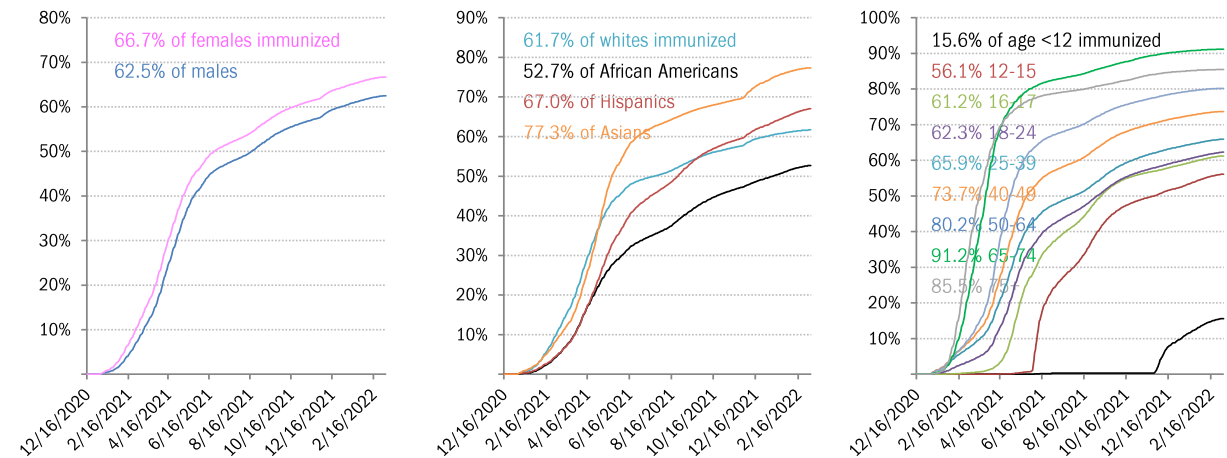
As of Mar 6

Israel	65.9%	0.0%
Canada	81.3%	#N/A
Japan	79.6%	0.0%
Africa	12.8%	#N/A
India	57.5%	0.0%
Brazil	72.8%	#N/A
China	85.5%	#N/A

Global data differs due to sources, timing



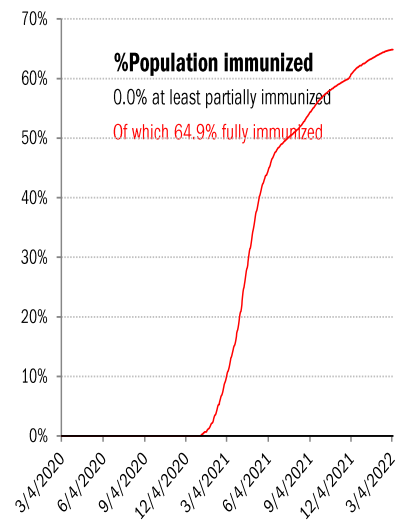
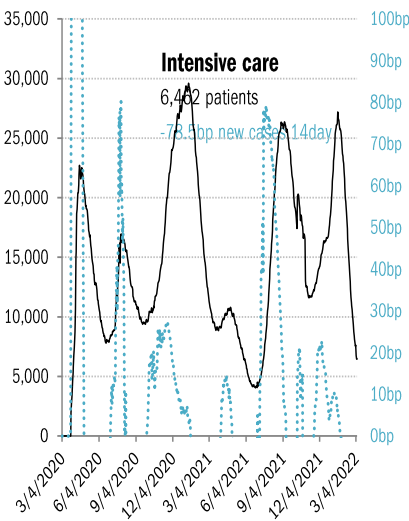
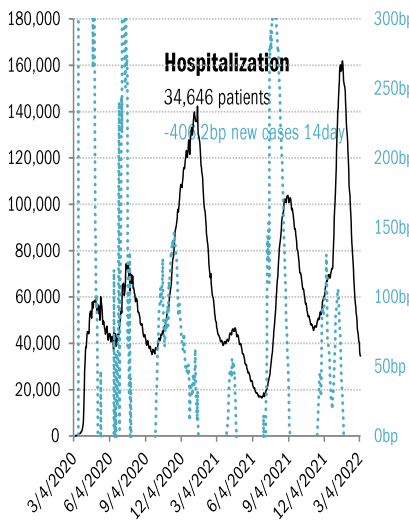
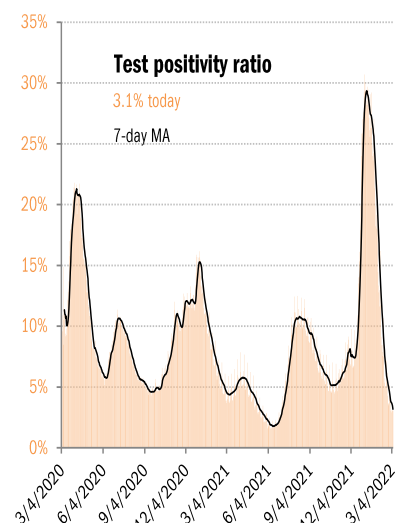
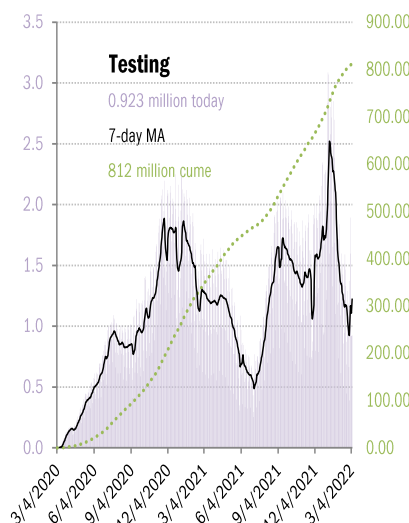
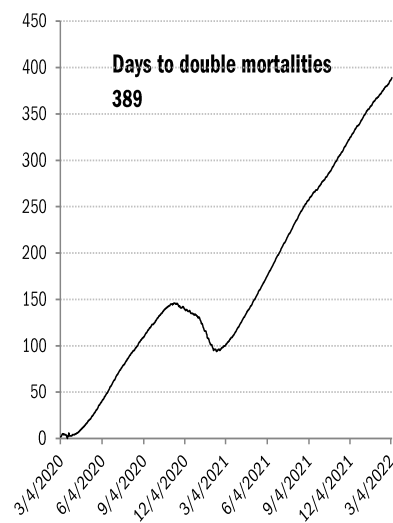
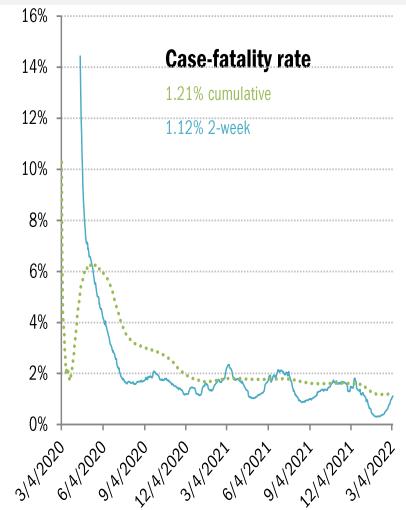
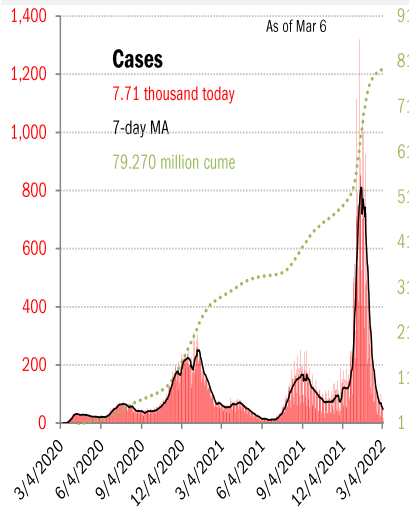
The demographics of US vaccination



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

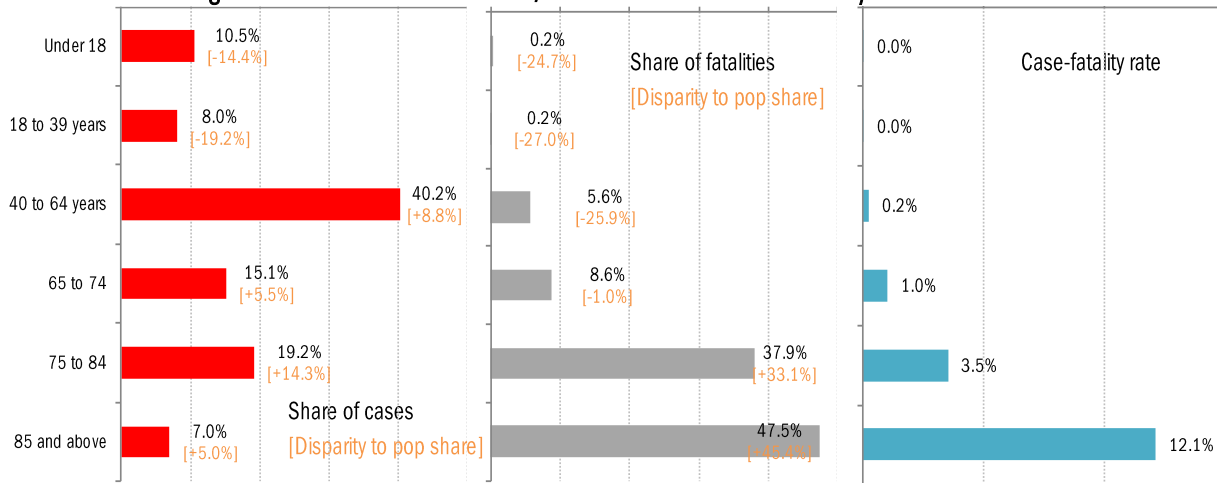
US deep-dive

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

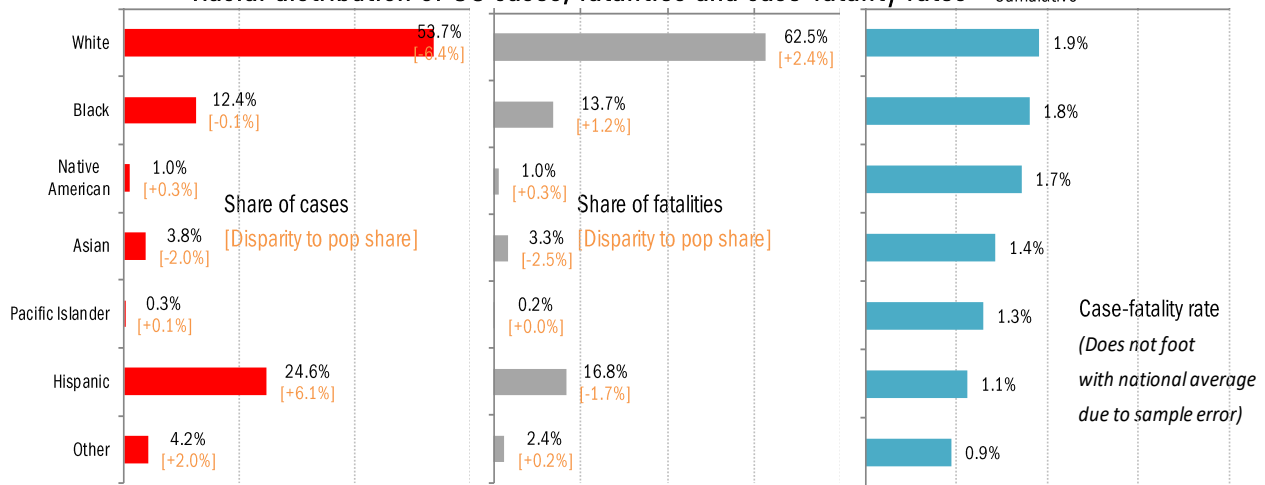


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

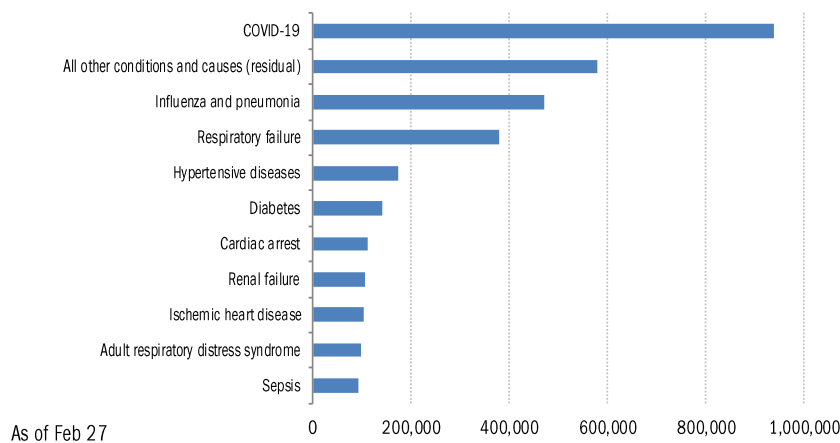


Racial distribution of US cases, fatalities and case-fatality rates



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

[A Letter to Andrew Hill](#)

Tess Lawire
Oracle Films
March 4, 2022

[COVID Vaccine Bombshells You Probably Missed](#)

Debra Heine
American Greatness
March 4, 2022

[Led by Truckers, Hundreds of Vehicles Protesting Covid Mandates Encircle Washington](#)

Madeleine Ngo, Adam Bednar and Esha Ray
New York Times
March 6, 2022

[Ukraine Is the Fourth Vaccine and Republicans Are All Bought IN | Guest: Rep. Thomas Massie](#)

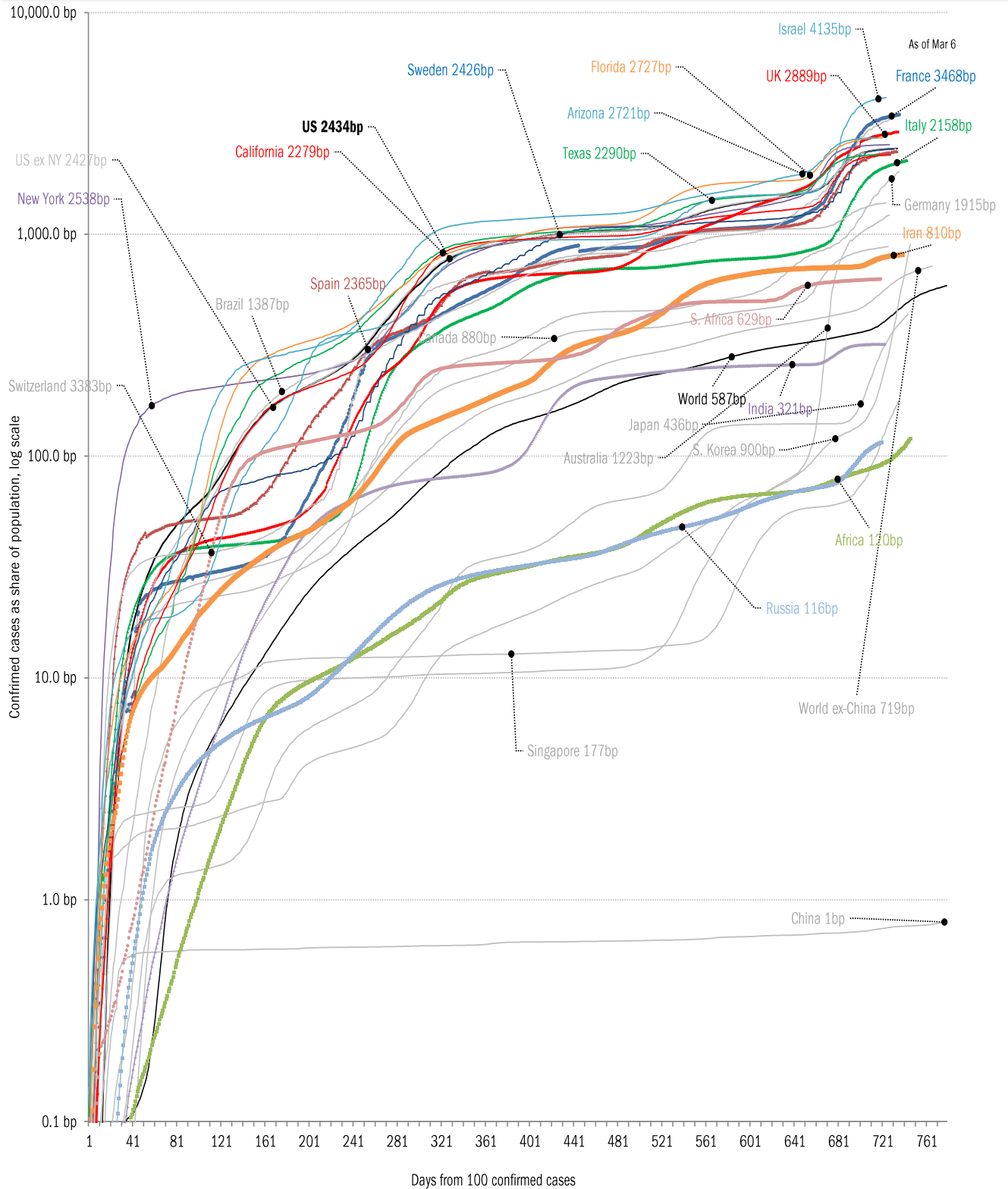
Daniel Horowitz
Conservative Review
March 3, 2022

Meme of the day



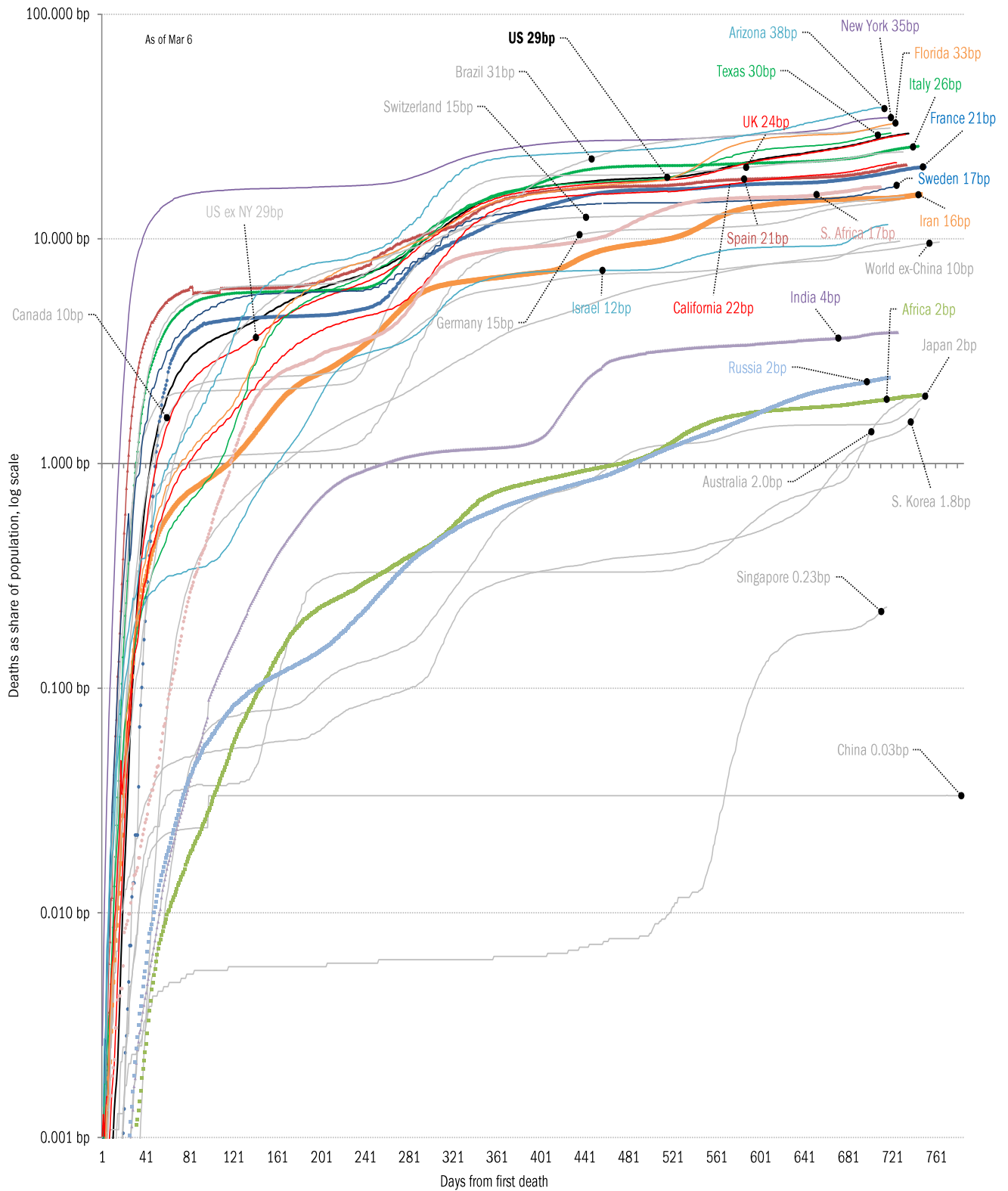
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

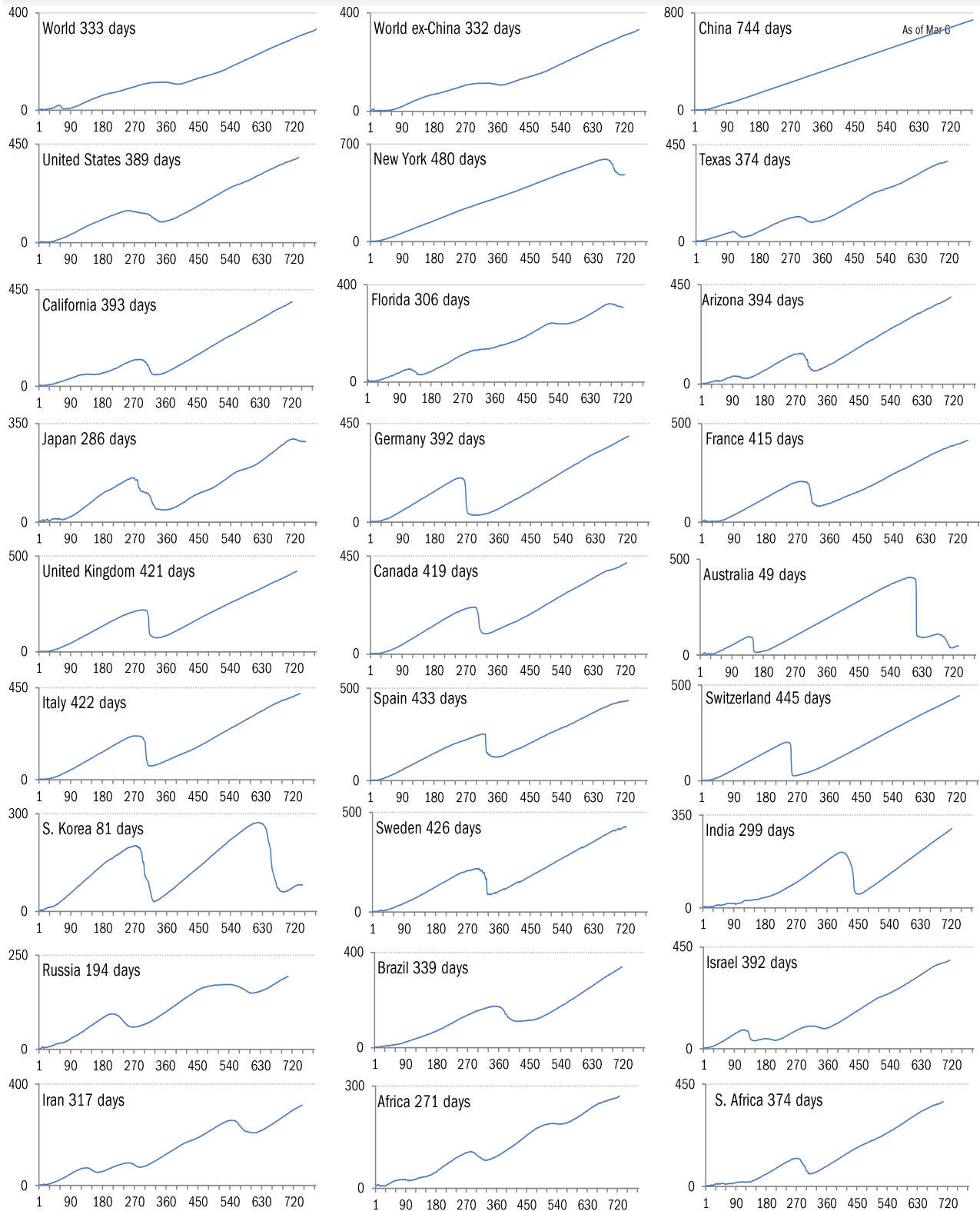


Source: [Johns Hopkins](#), TrendMacro calculations

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

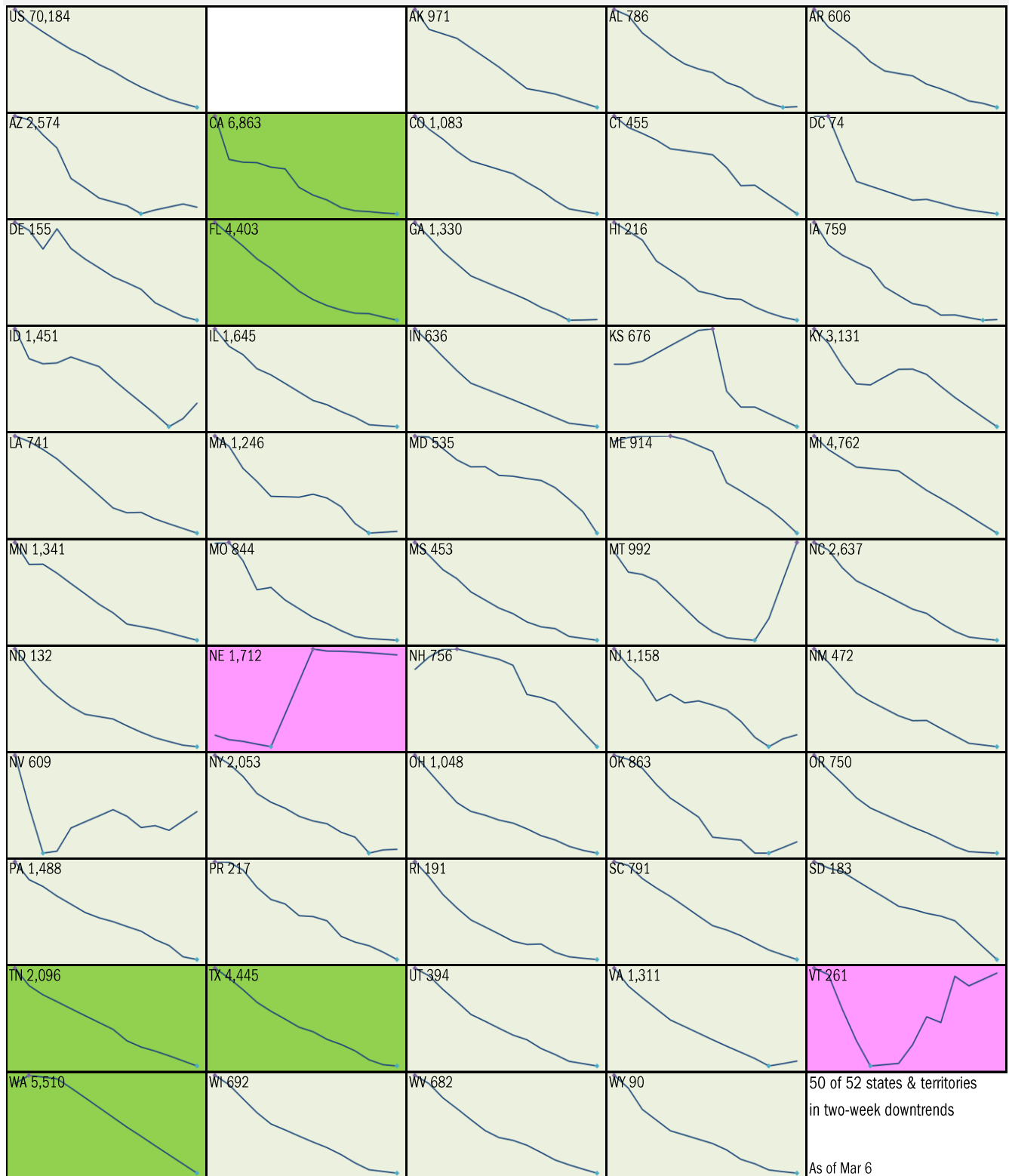
Vertical: days to double deaths Horizontal: days from first death

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

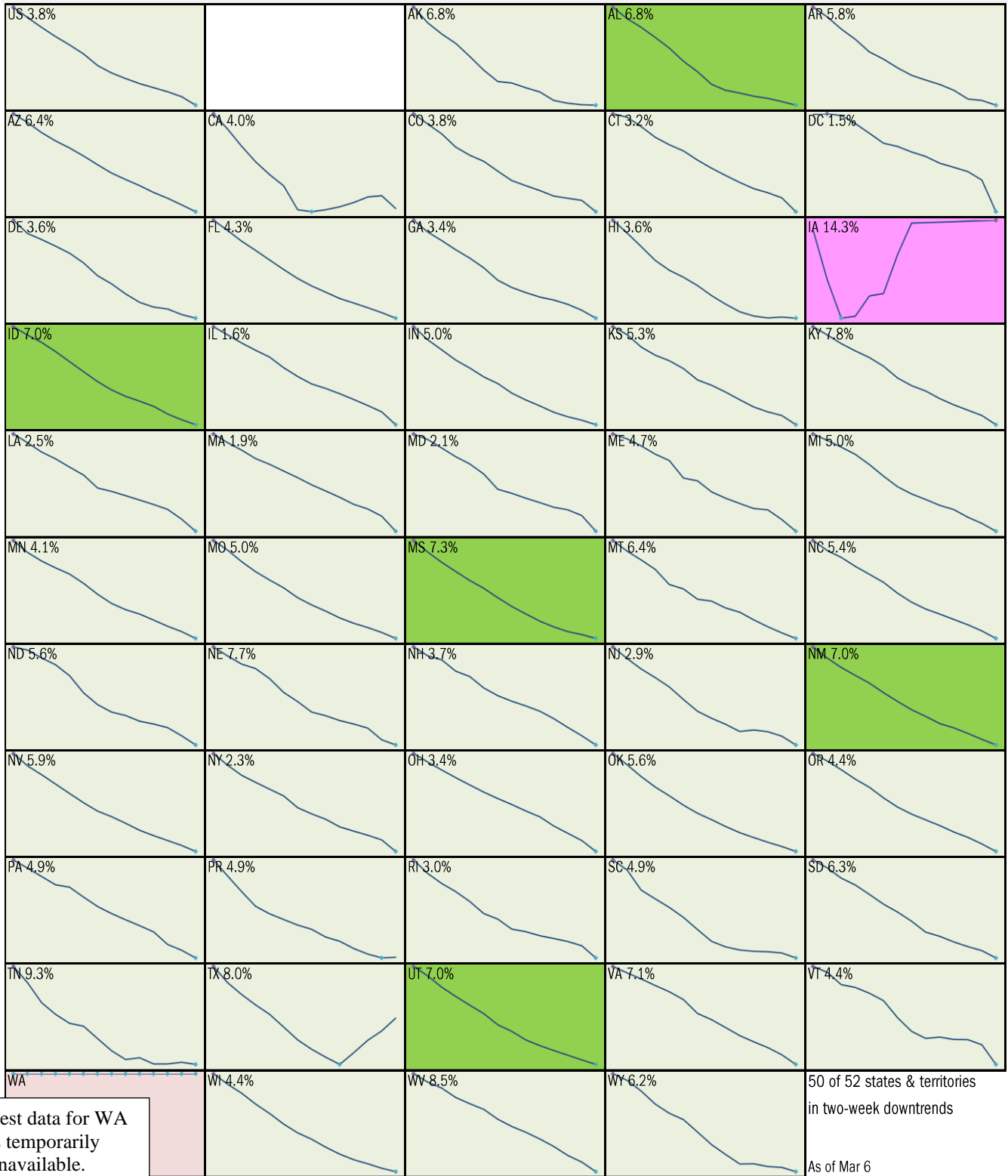


Source: [Johns Hopkins](#), TrendMacro calculations

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

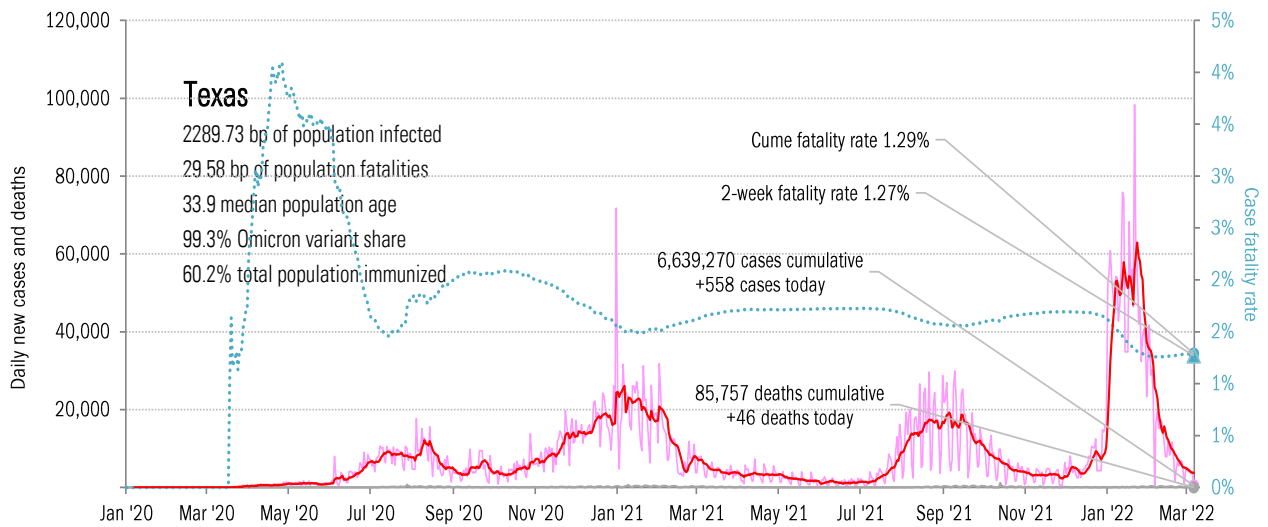
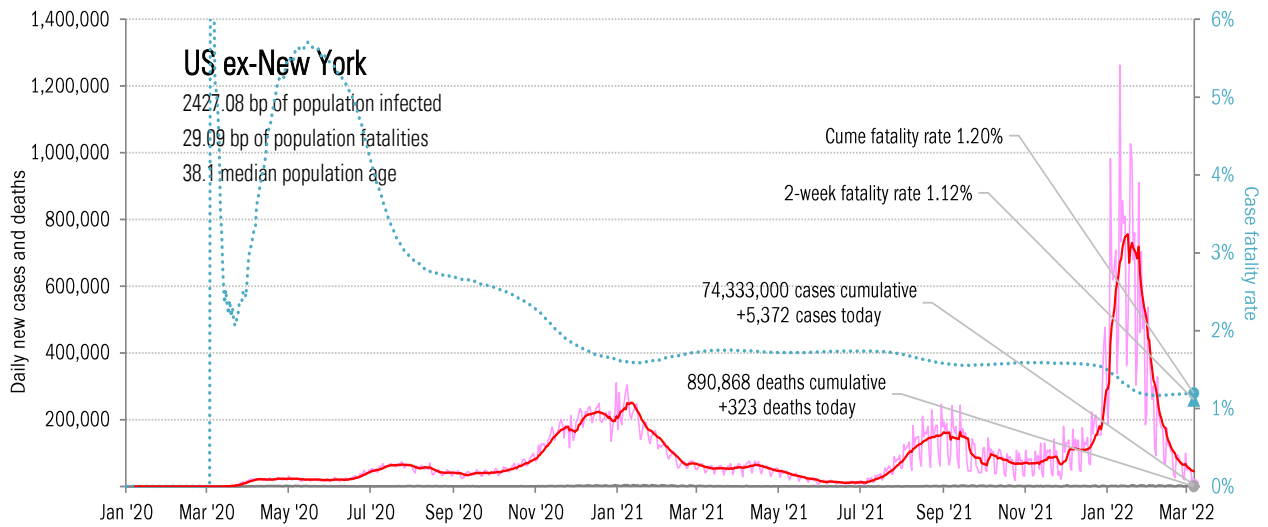
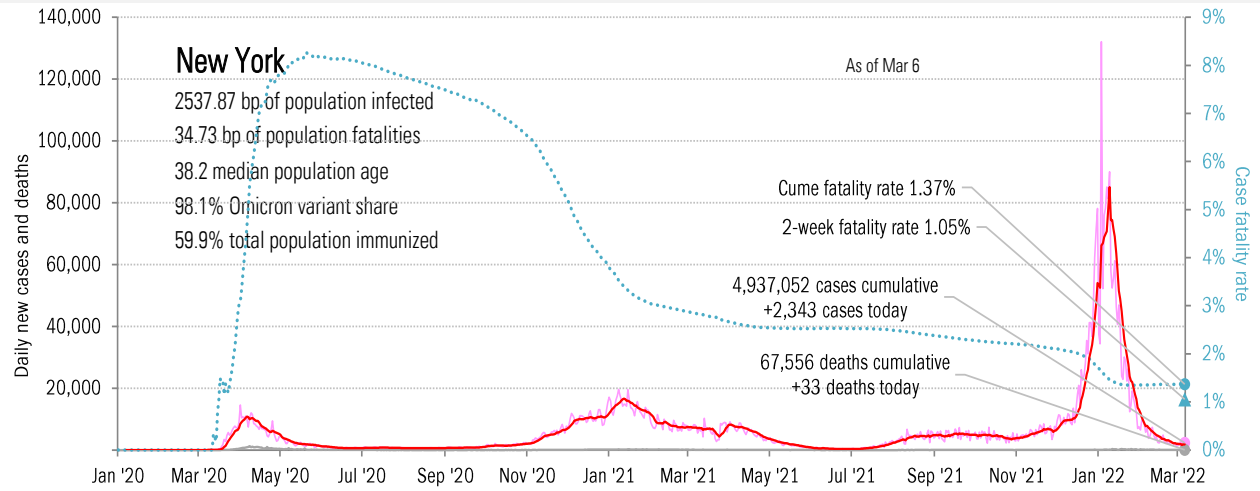


Test data for WA is temporarily unavailable.

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

From Ground Zero to the Rio Grande

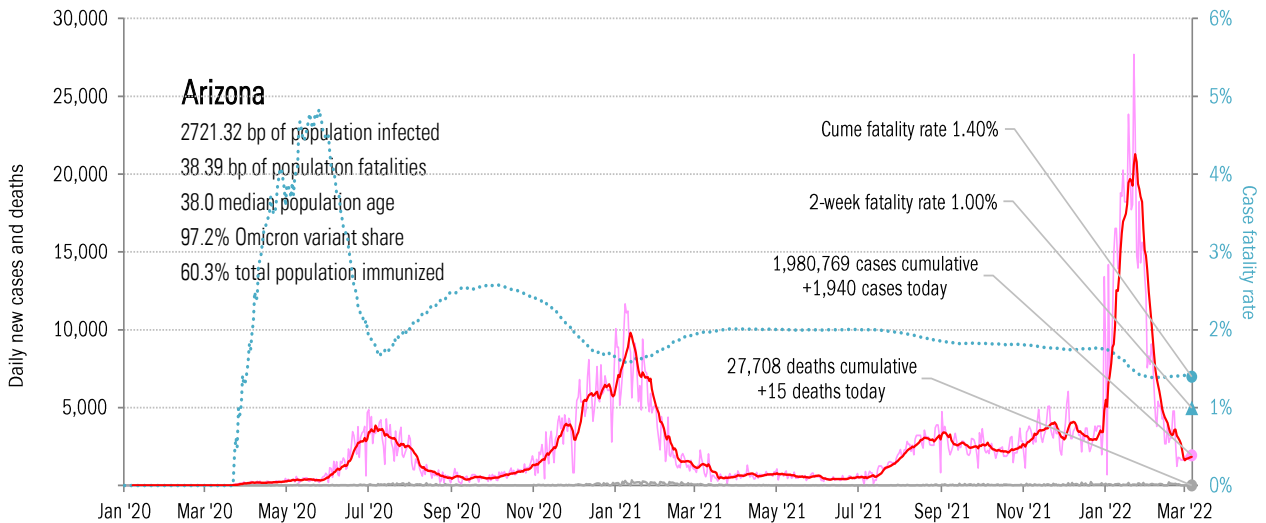
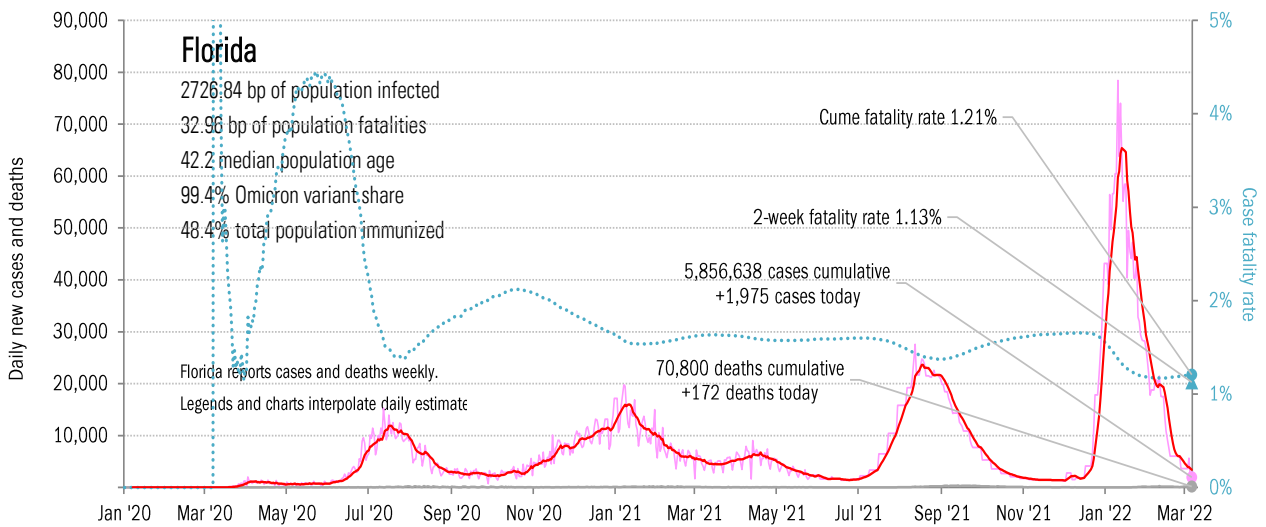
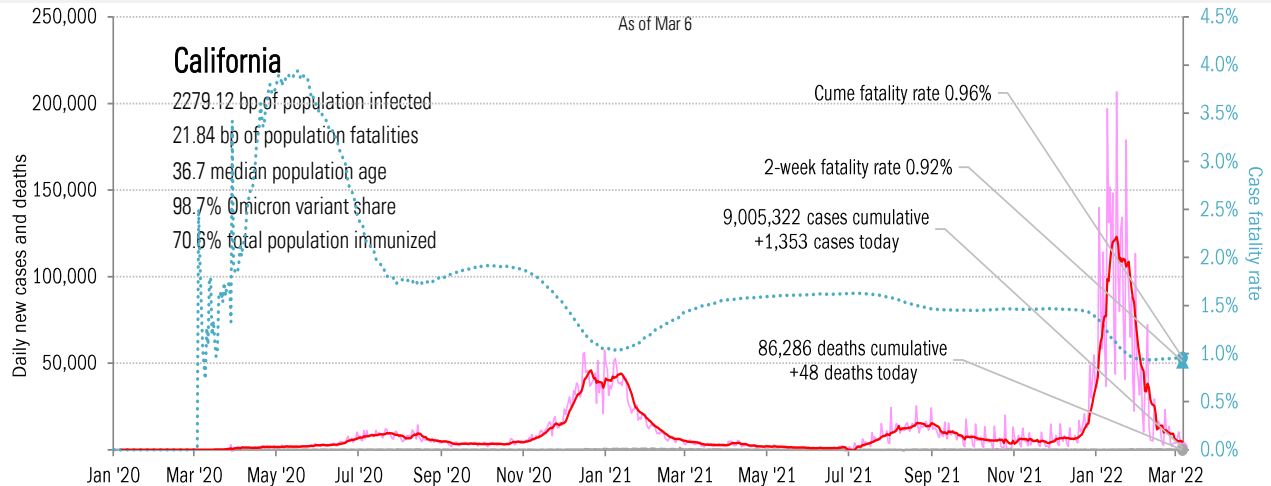
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

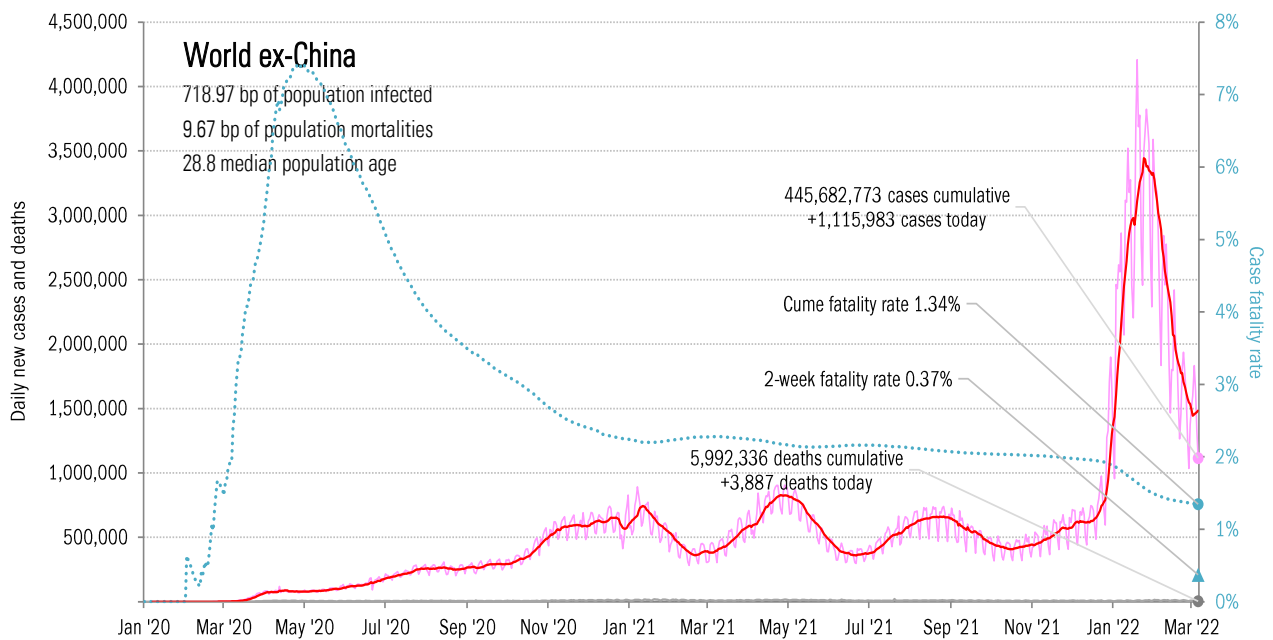
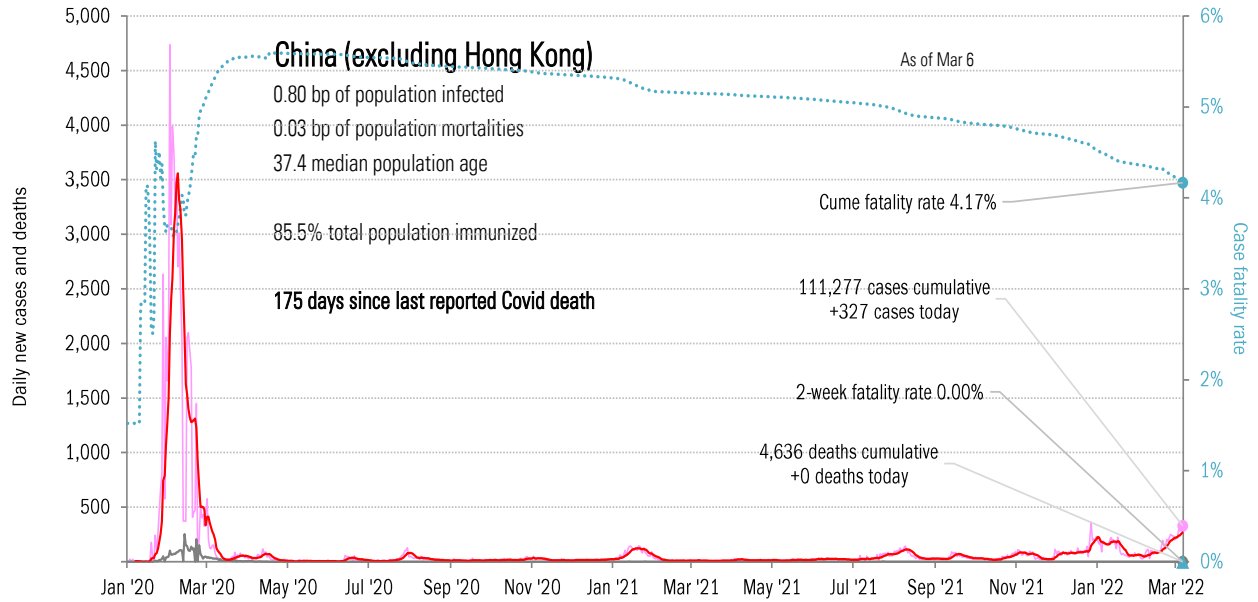
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

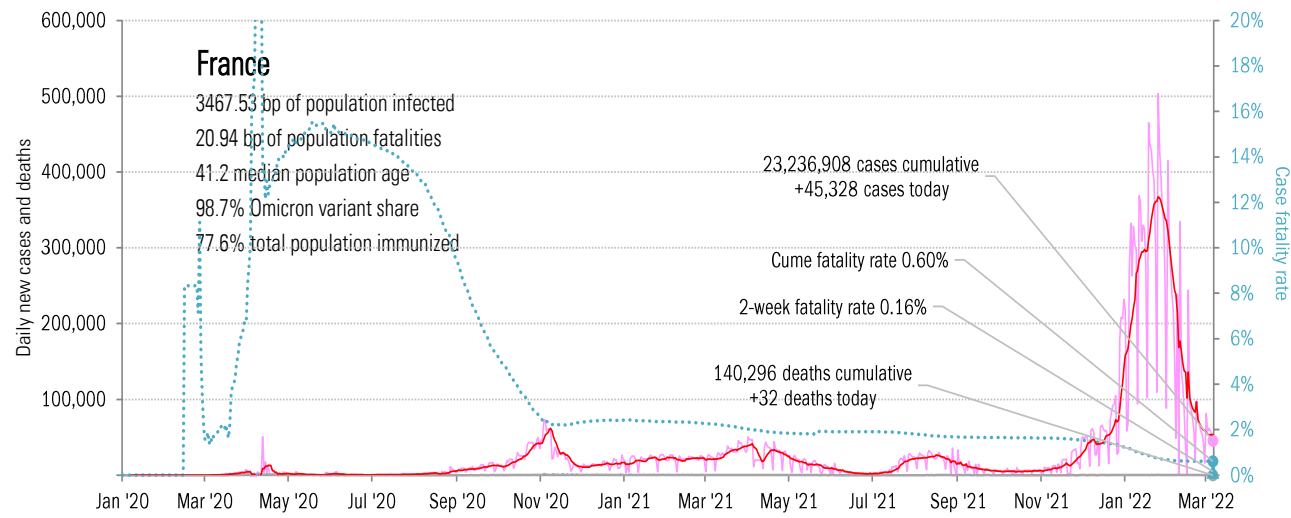
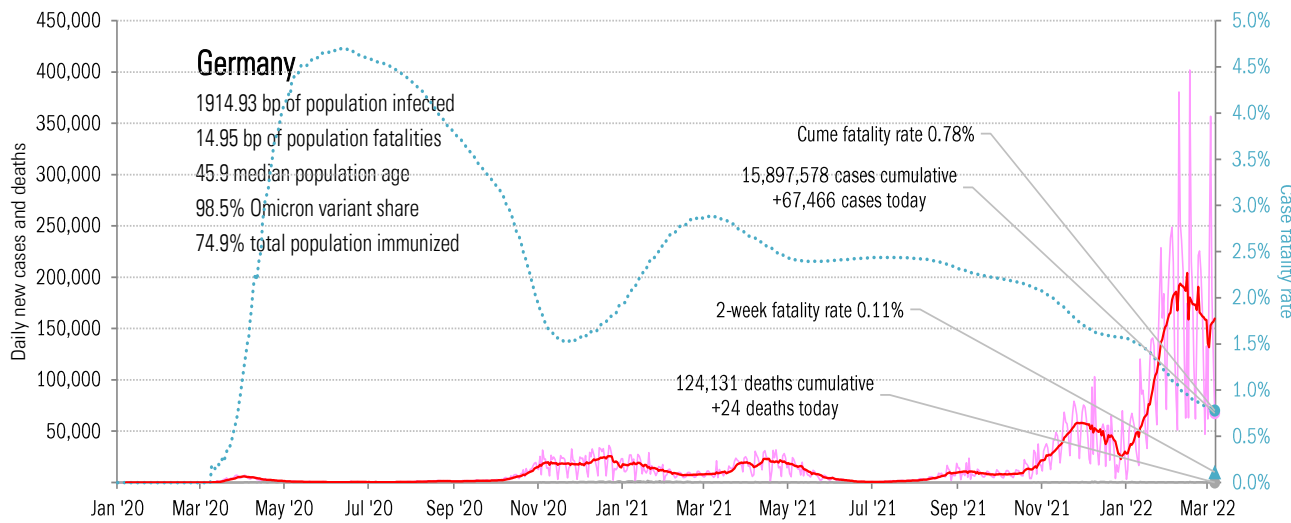
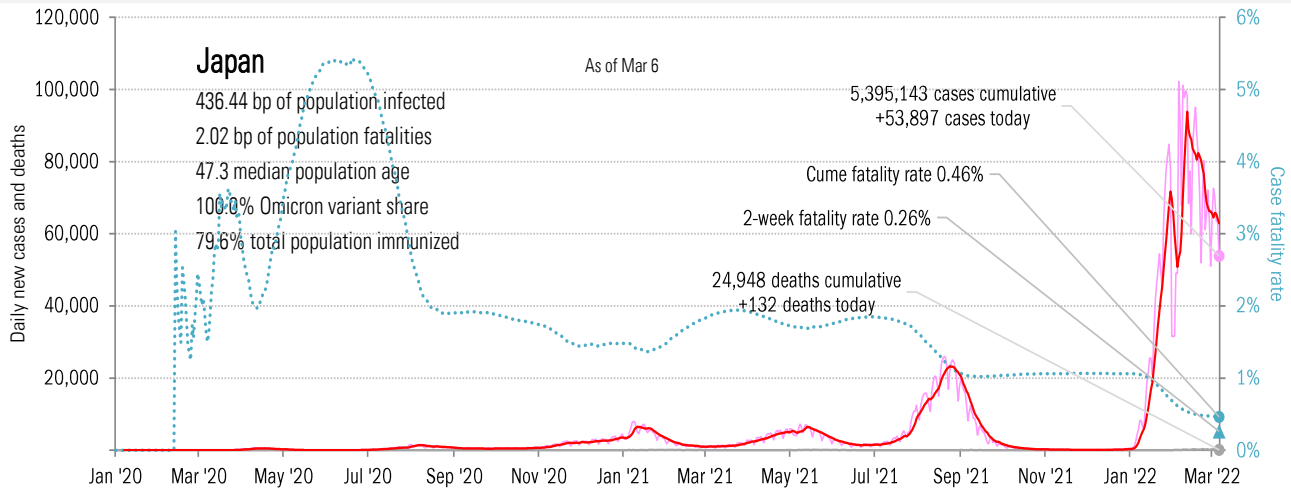
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

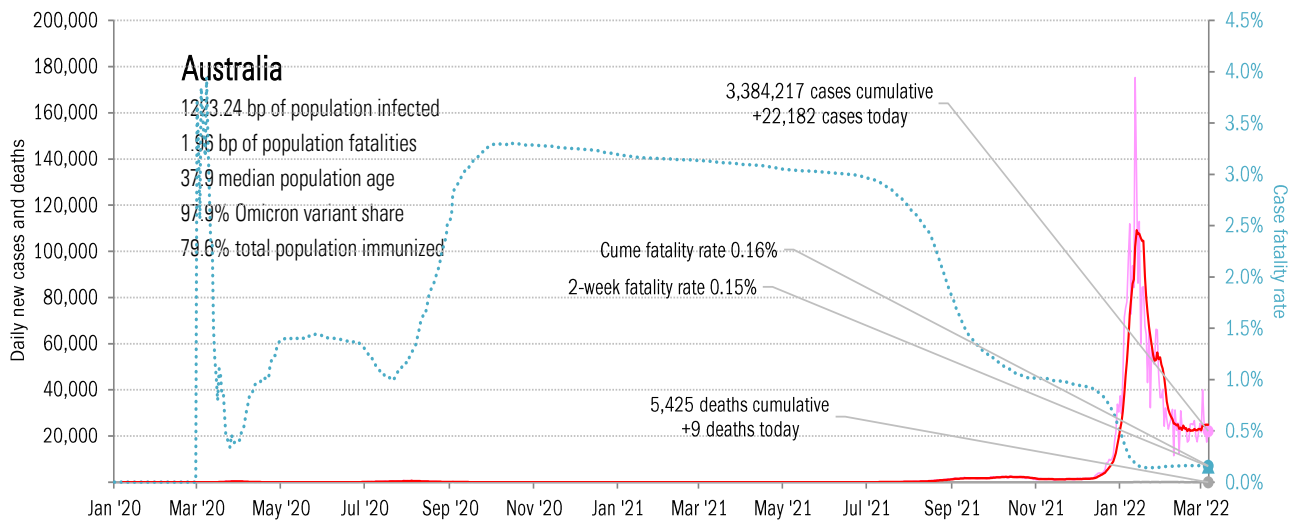
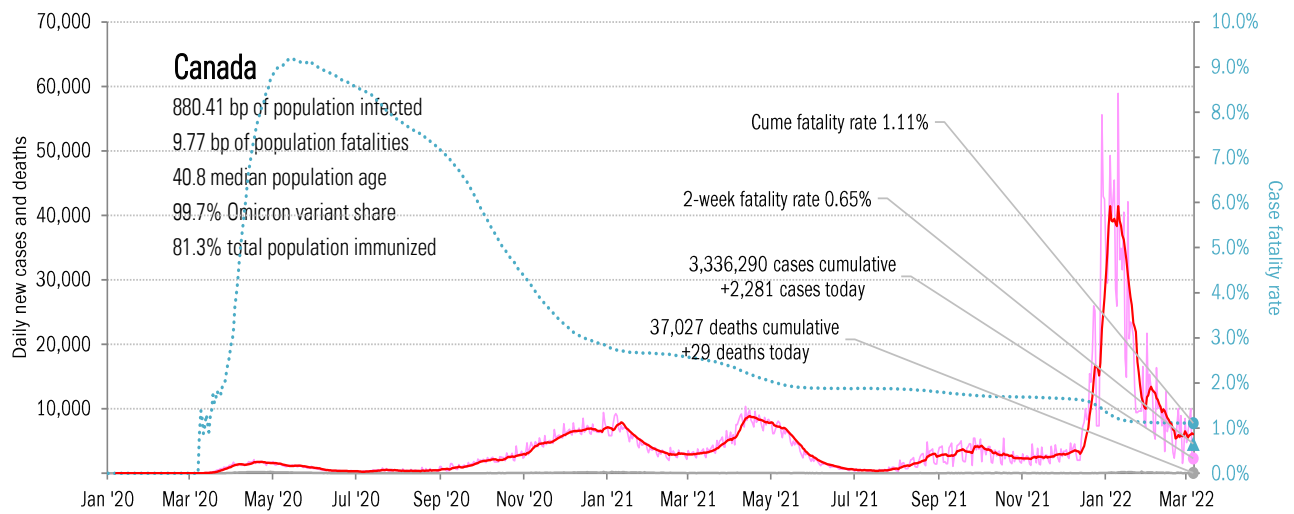
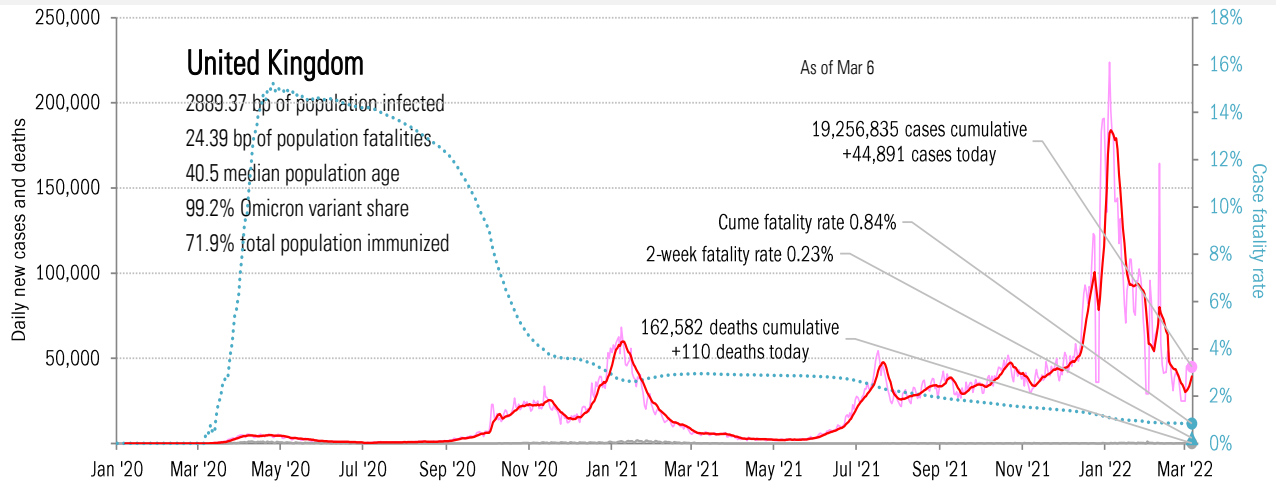
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

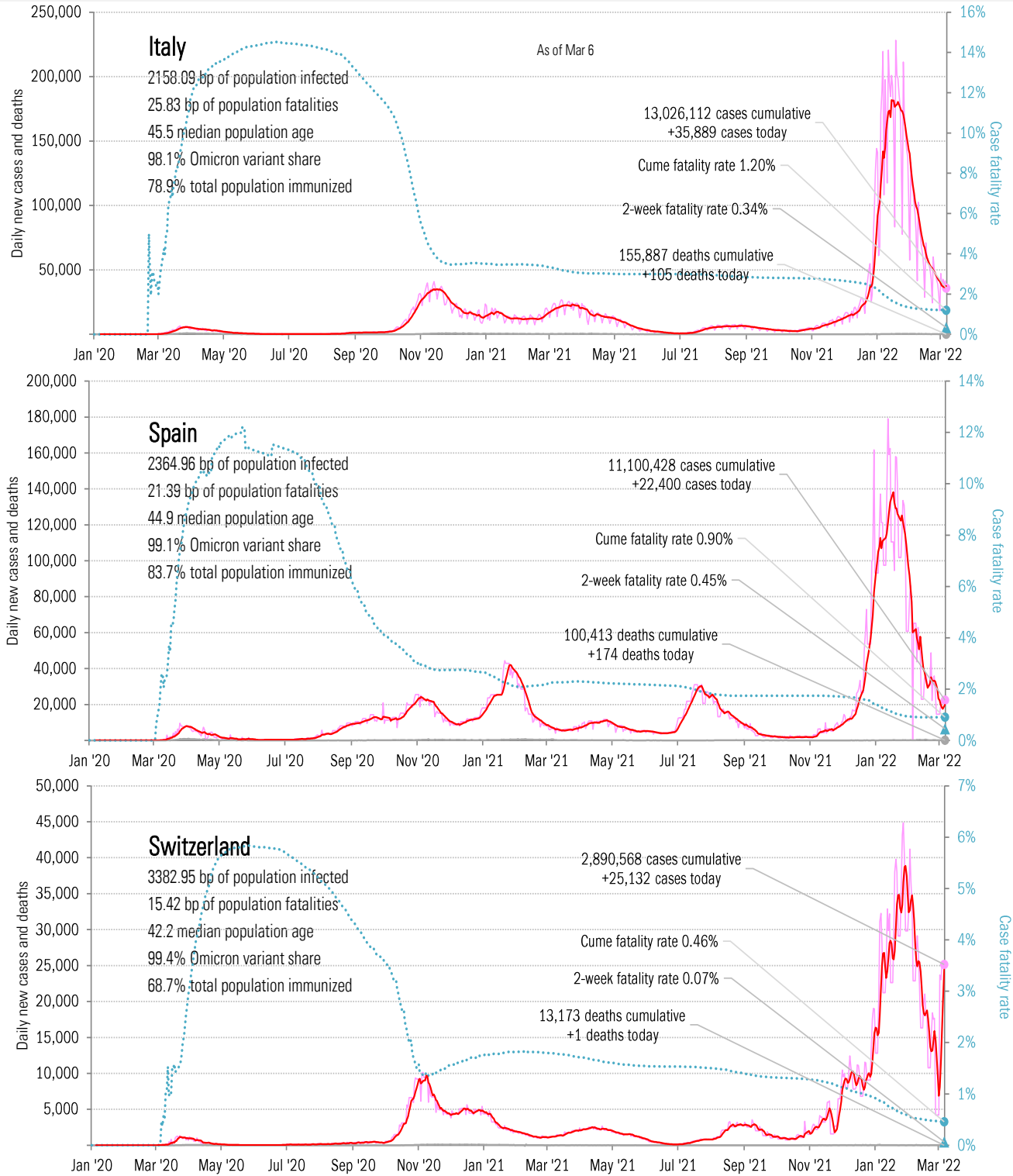
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

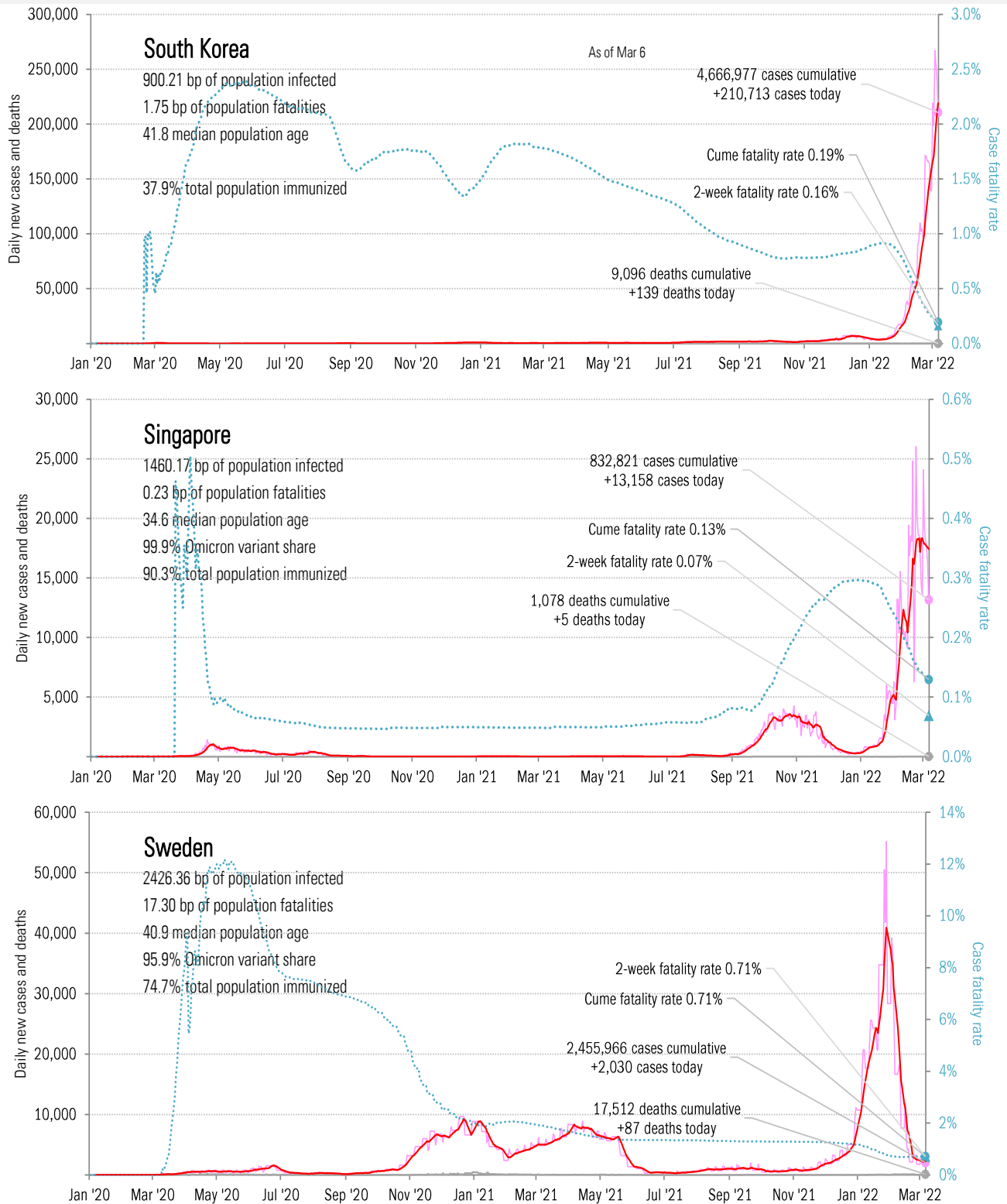
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

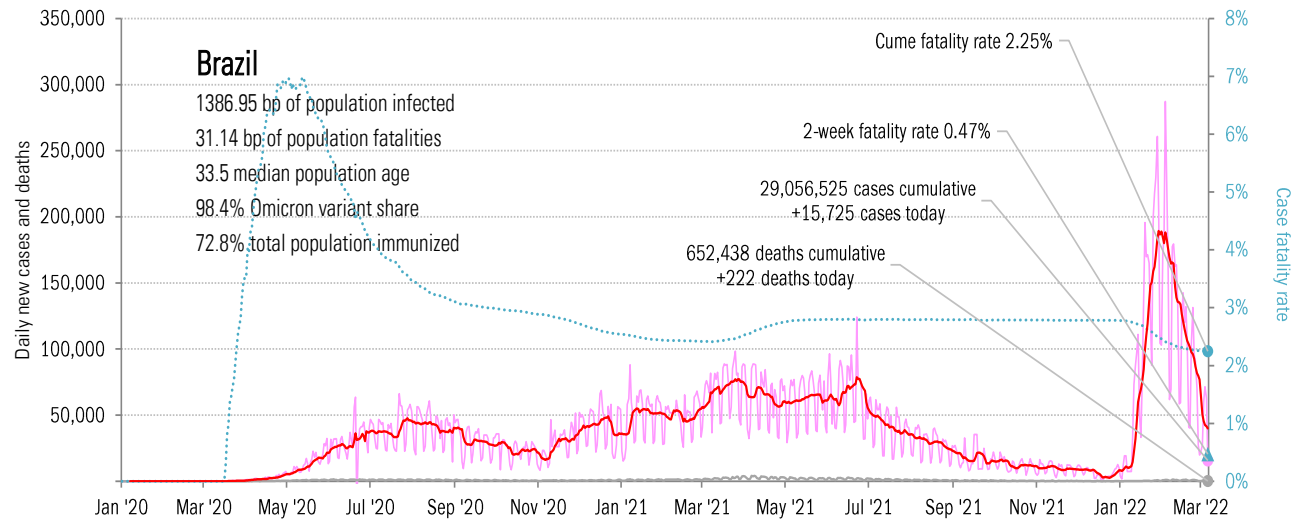
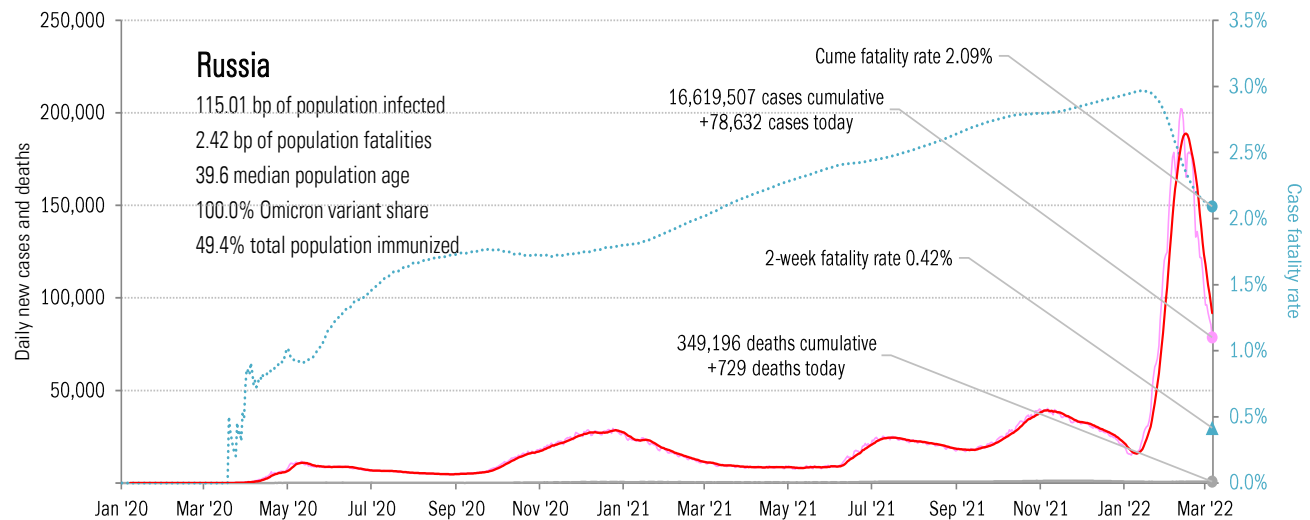
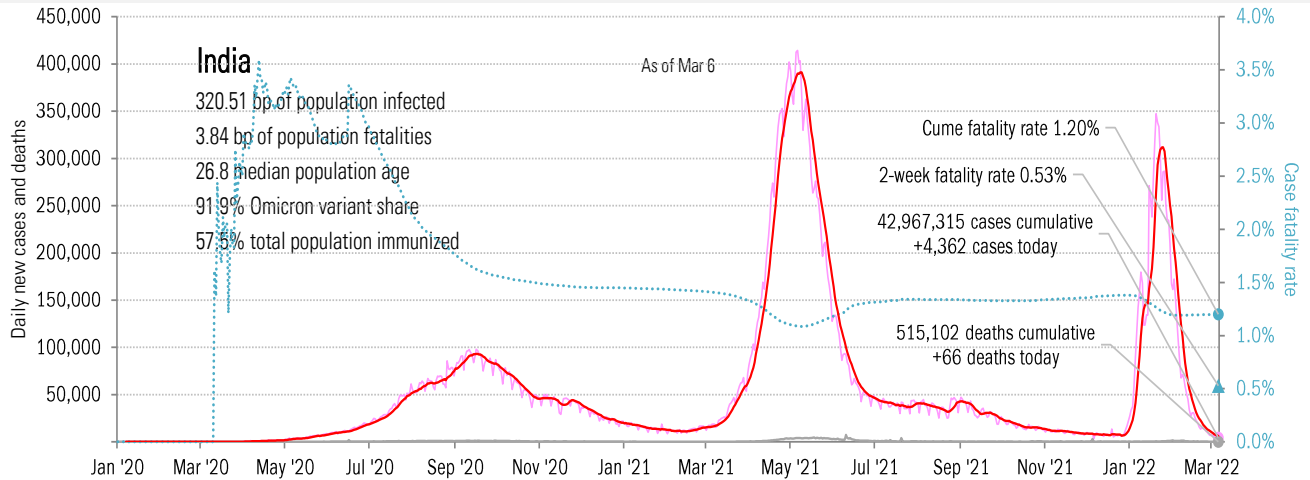
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

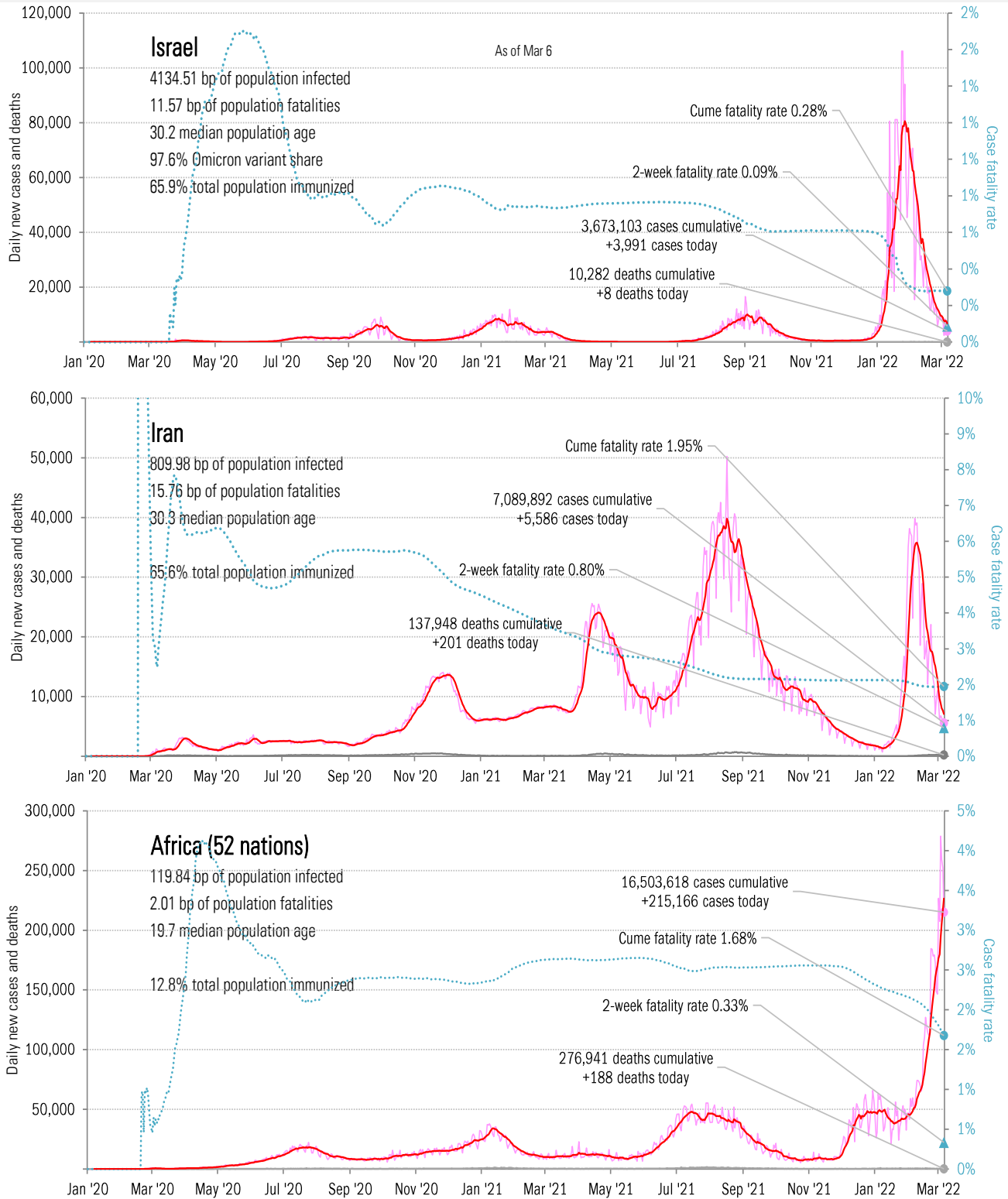
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

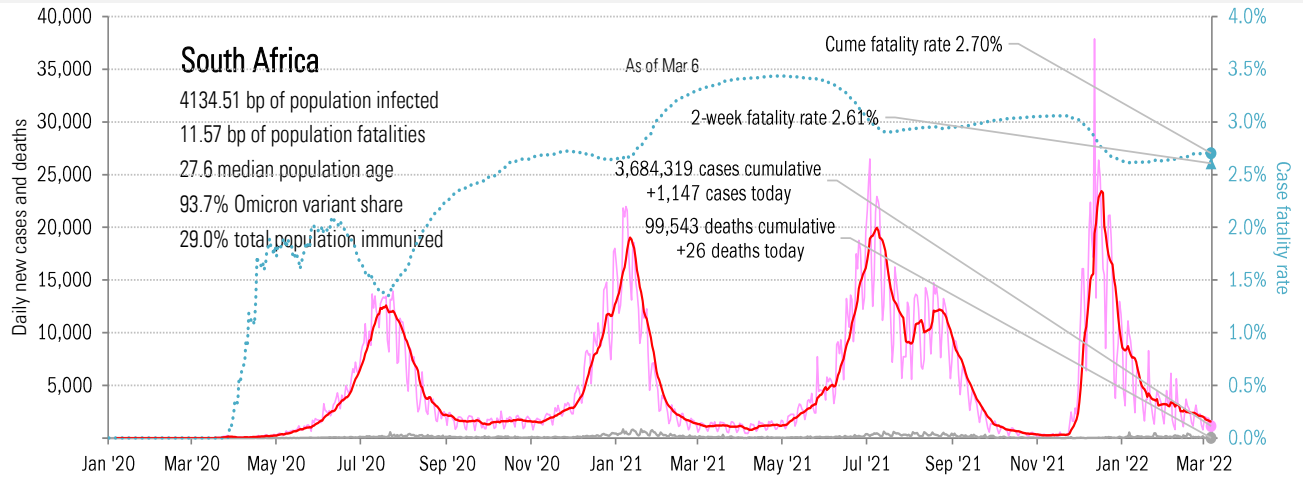
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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