

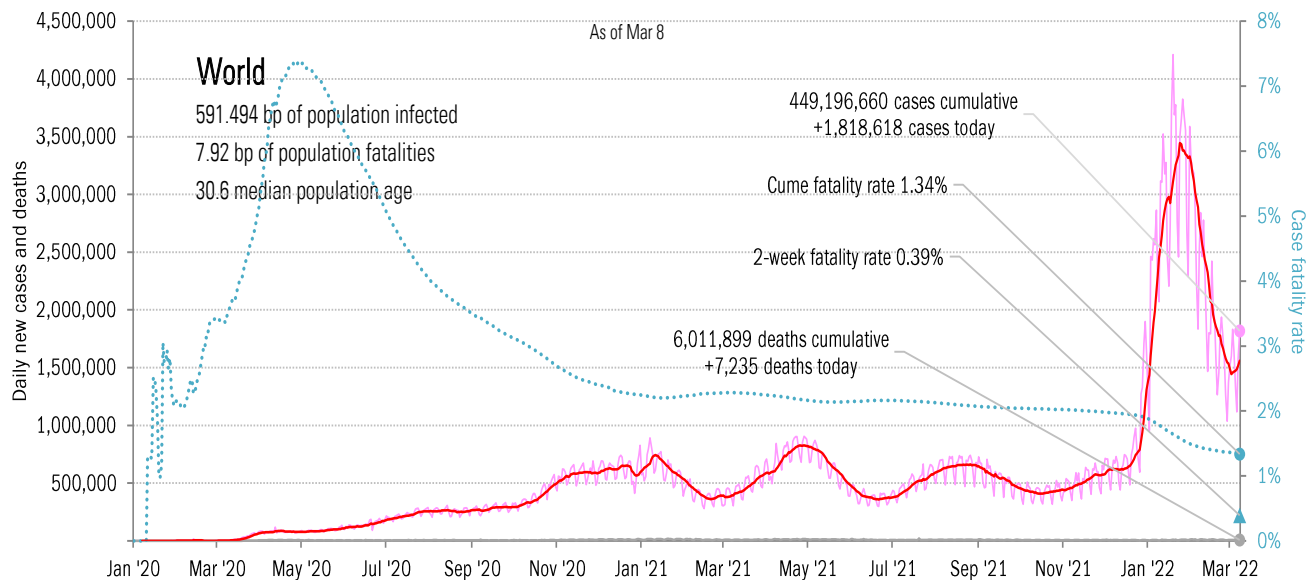
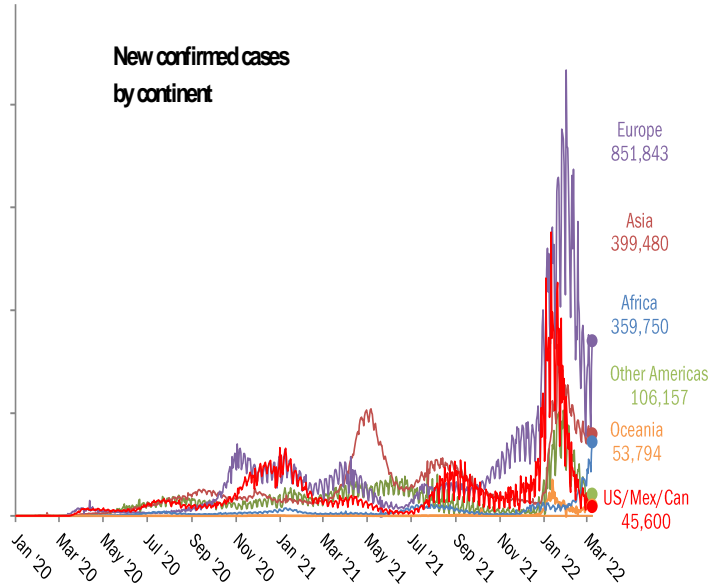
Data Insights: Covid-2019 Monitor

Wednesday, March 9, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Korea, South	342,427	United States	1,686
Germany	261,063	Russia	637
Vietnam	194,815	Brazil	486
France	93,692	Indonesia	401
Brazil	74,487	Germany	315
Netherlands	66,297	Spain	285
Russia	65,569	Mexico	265
United Kingdom	63,149	Japan	249
Italy	60,753	Poland	217
Japan	53,938	United Kingdom	214
1,276,190		4,755	
World	1,818,618	World	7,235
Top ten	70%	Top ten	66%



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

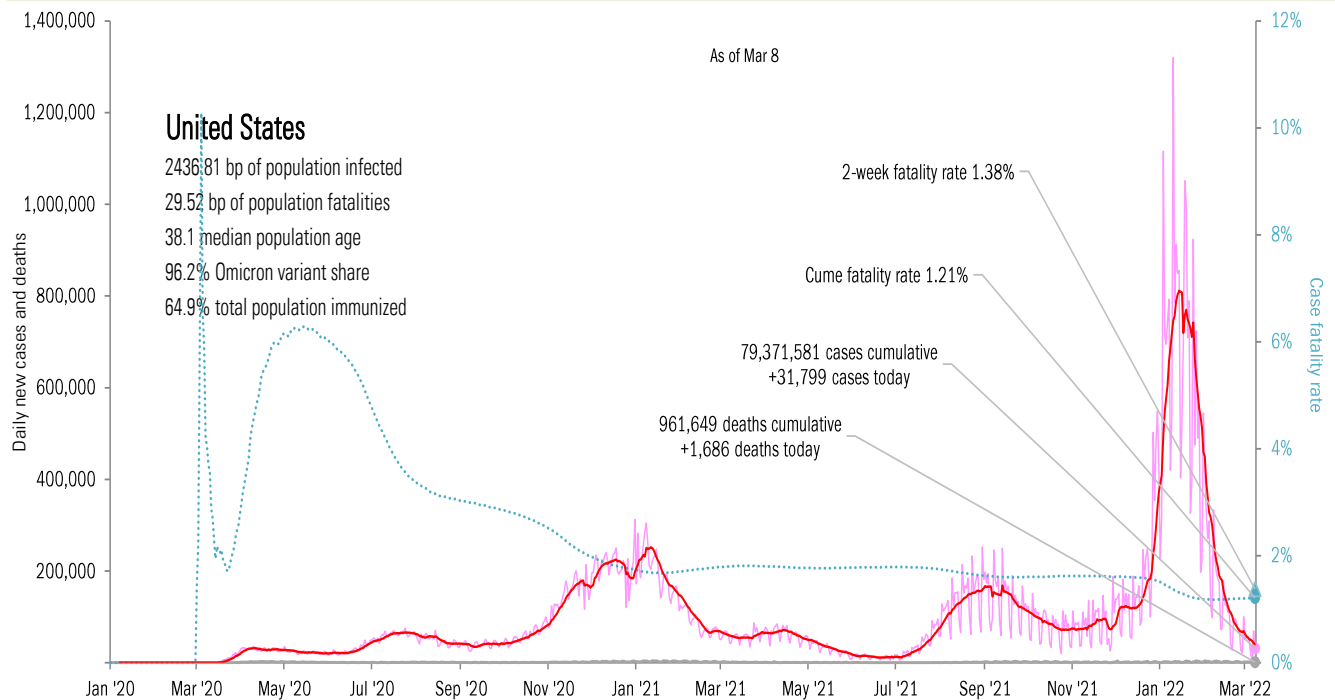
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	5,010		MO	207		ID	4		CA	9,019,399		CA	86,699		TX	482,719		DE	114%	DE	110%
CA	3,282		CH	194		AS	2		TX	6,647,959		TX	85,914		CA	417,769		RI	84%	TX	87%
FL	1,994		FL	154		NH	2		FL	5,860,626		FL	71,132		FL	410,303		MA	81%	KY	85%
MN	1,455		TX	114		VT	2		NY	4,939,110		NY	67,607		NY	242,294		GA	81%	MS	84%
TN	1,337		GA	98		HI	1		IL	3,040,861		PA	43,692		GA	204,447		MN	81%	RI	84%
PA	1,315		PA	92		ND	1		PA	2,765,682		CH	37,212		CH	188,642		WA	81%	NM	83%
NJ	1,194		AL	79		AL	0		CH	2,660,728		GA	35,946		PA	174,118		PA	80%	AL	80%
CT	1,191		TN	69		GJ	0		NC	2,603,138		IL	35,411		IL	154,892		WV	80%	AK	79%
VA	1,087		CA	68		MP	0		GA	2,473,056		MI	34,858		MI	139,178		DC	79%	WA	78%
IL	1,055		MA	65		VI	0		MI	2,367,688		NJ	33,050		KY	138,820		MO	79%	GA	78%
18,920			1,140			12			42,378,247			531,521			2,553,182						
All states	31,799		1,686			-1,589			All states	79,371,581		961,649			4,630,029			All states	70%	67%	
Top ten	59%		68%			-1%			Top ten	53%		55%			55%			Median	74%	71%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CA	-7,513	CA	-277	CA	-139	AL	+10 bp
NC	-3,336	SC	-190	NY	-84	CA	+10 bp
AL	-3,079	VA	-67	GA	-69	MD	+10 bp
CO	-2,339	WA	-51	NC	-64	MI	+10 bp
WA	-2,086	NC	-24	WI	-50	MS	+10 bp



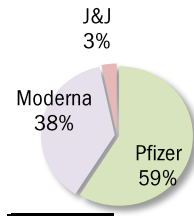
Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	570,565,534		+0.132 million	US	64.9%	76.5%
Boosters	96,636,272		+0.057 million	UK	72.0%	77.2%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	261,848,208	78%	222,499,367	67%	+0.034 million	France 77.7% 80.1%
Age 12 to 17	17,393,522	69%	14,821,929	59%	+0.004 million	Spain 83.7% 87.9%
Age 18 to 64	176,472,314	87%	149,630,966	74%	+0.018 million	Germany 74.9% 75.7%
Age 65 and over	58,238,473	100%	50,390,448	92%	+0.002 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



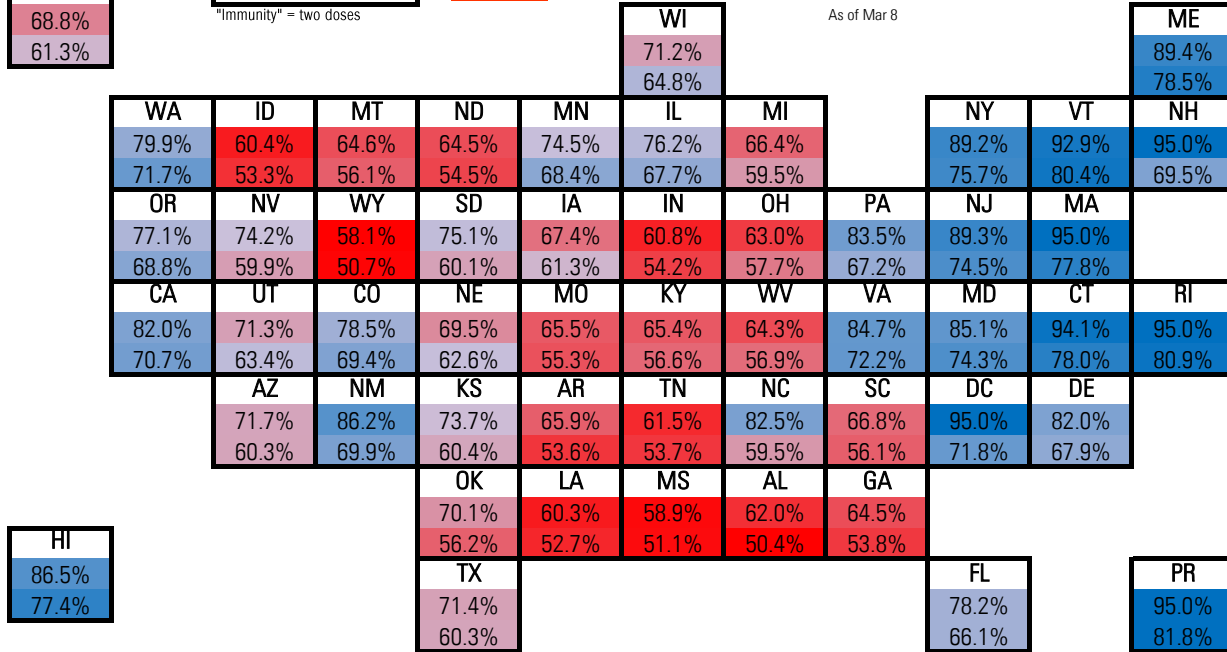
State
AK
68.8%
61.3%

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

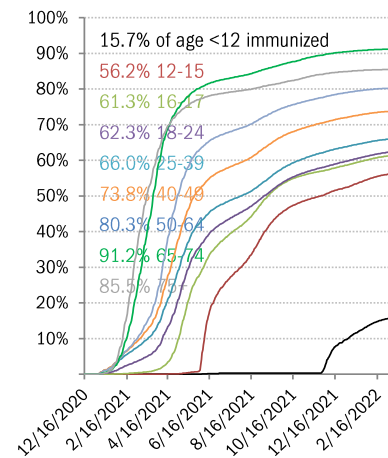
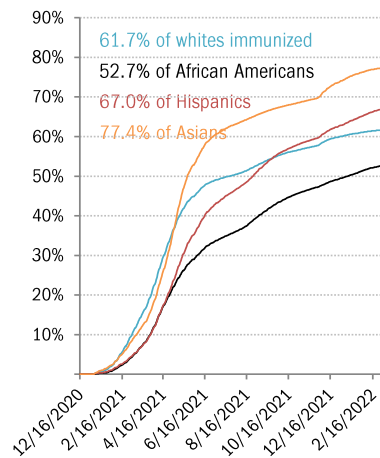
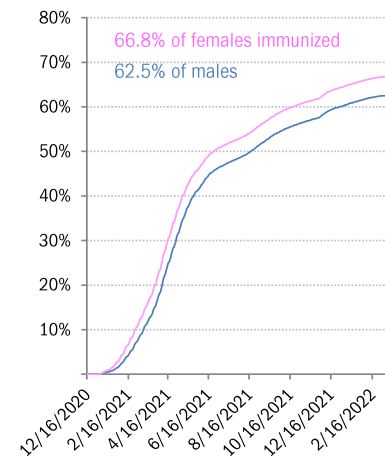
Best
Middle
Worst

Immunity = two doses

As of Mar 8



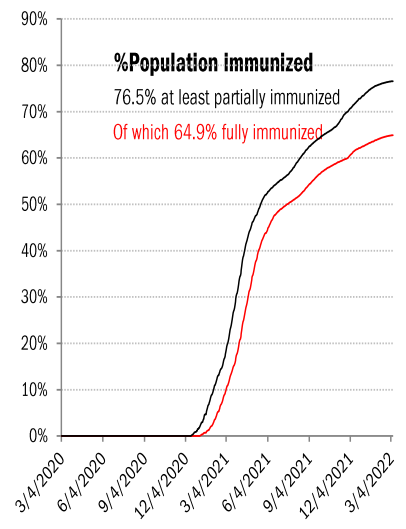
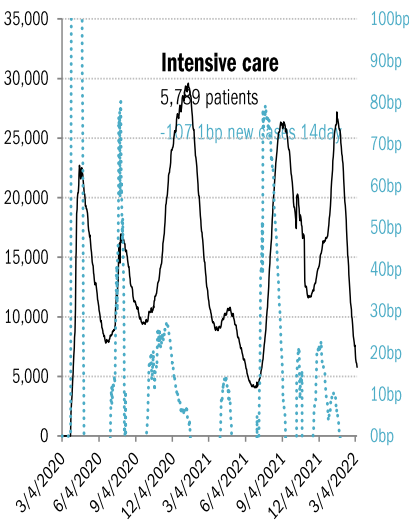
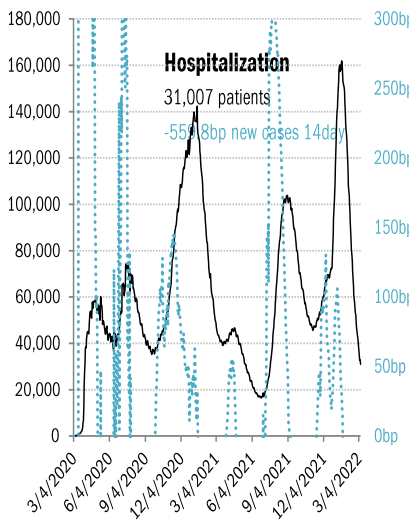
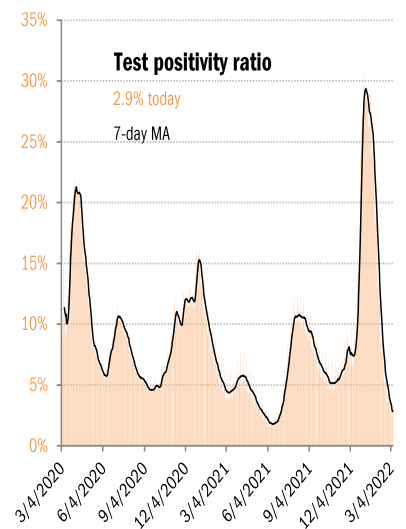
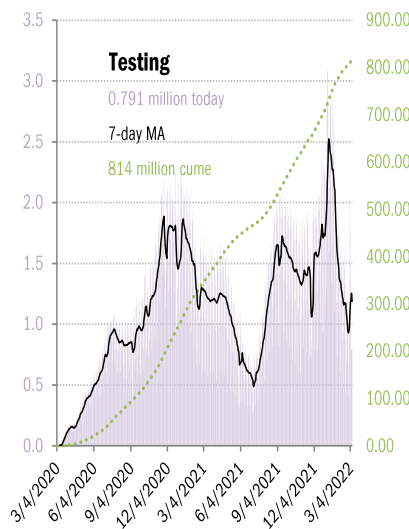
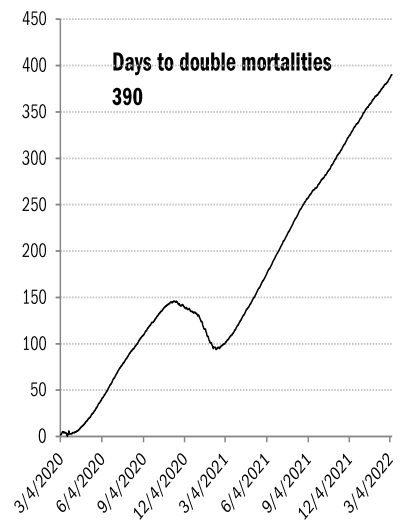
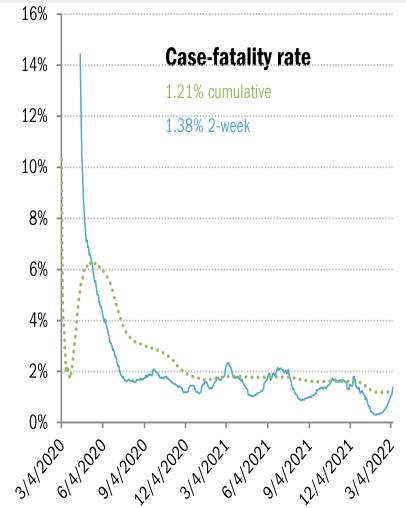
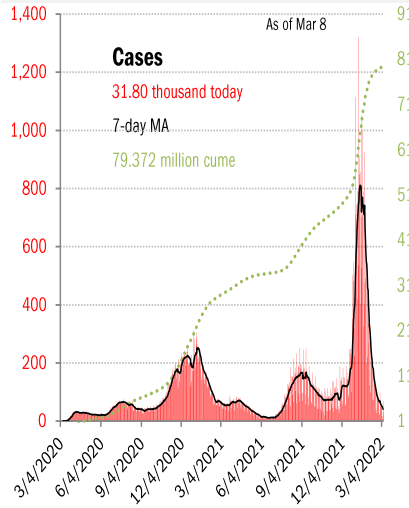
The demographics of US vaccination



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

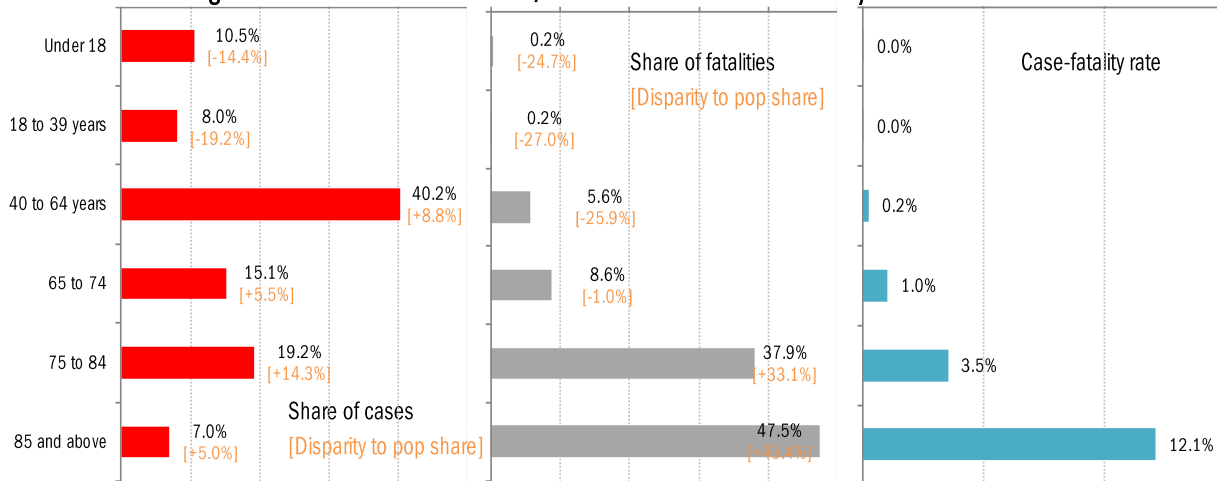
US deep-dive

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

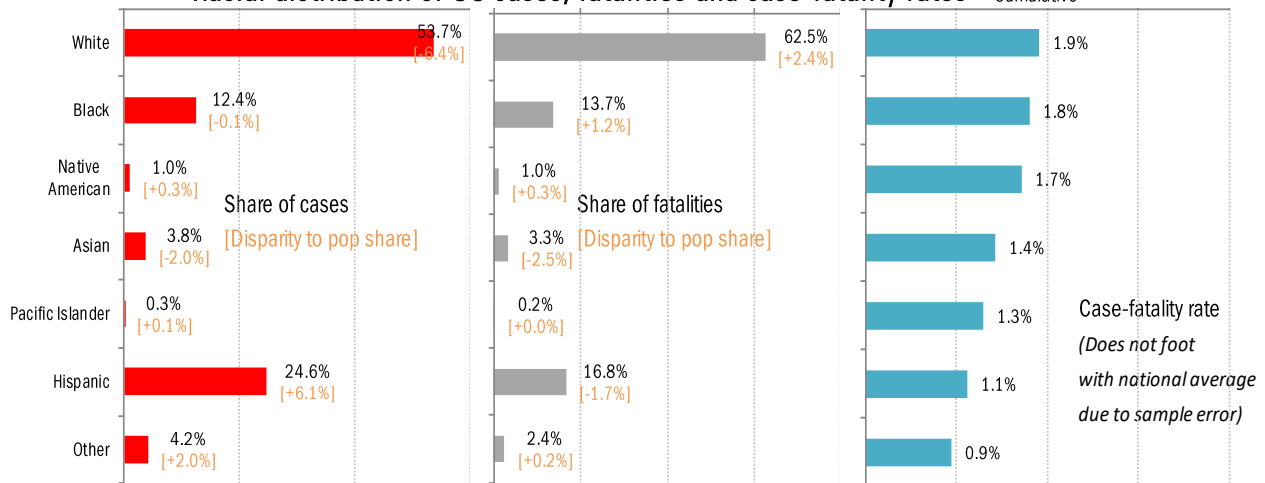


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

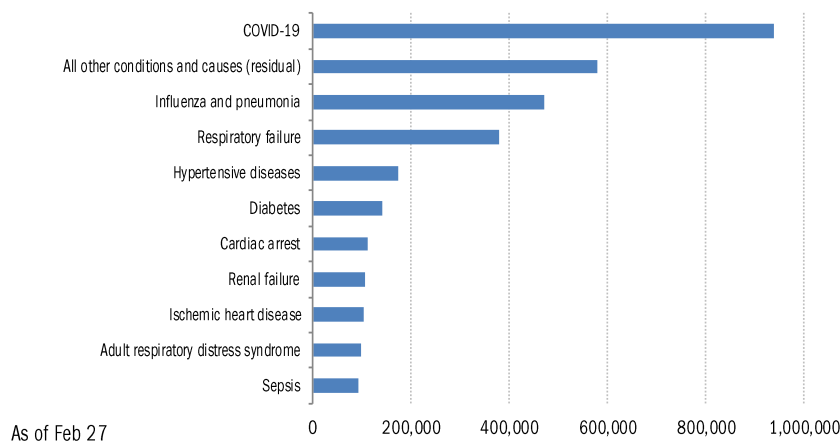


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Feb 27

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 U.S. Government Paid Media Outlets Millions of Dollars While They Ran Covid-19 Vaccine Propaganda](#)

Kyle Becker
Becker News
March 6, 2022

[Why we must demand that leaders who got COVID wrong admit it and apologize](#)

Karol Markowicz
New York Post
March 6, 2022

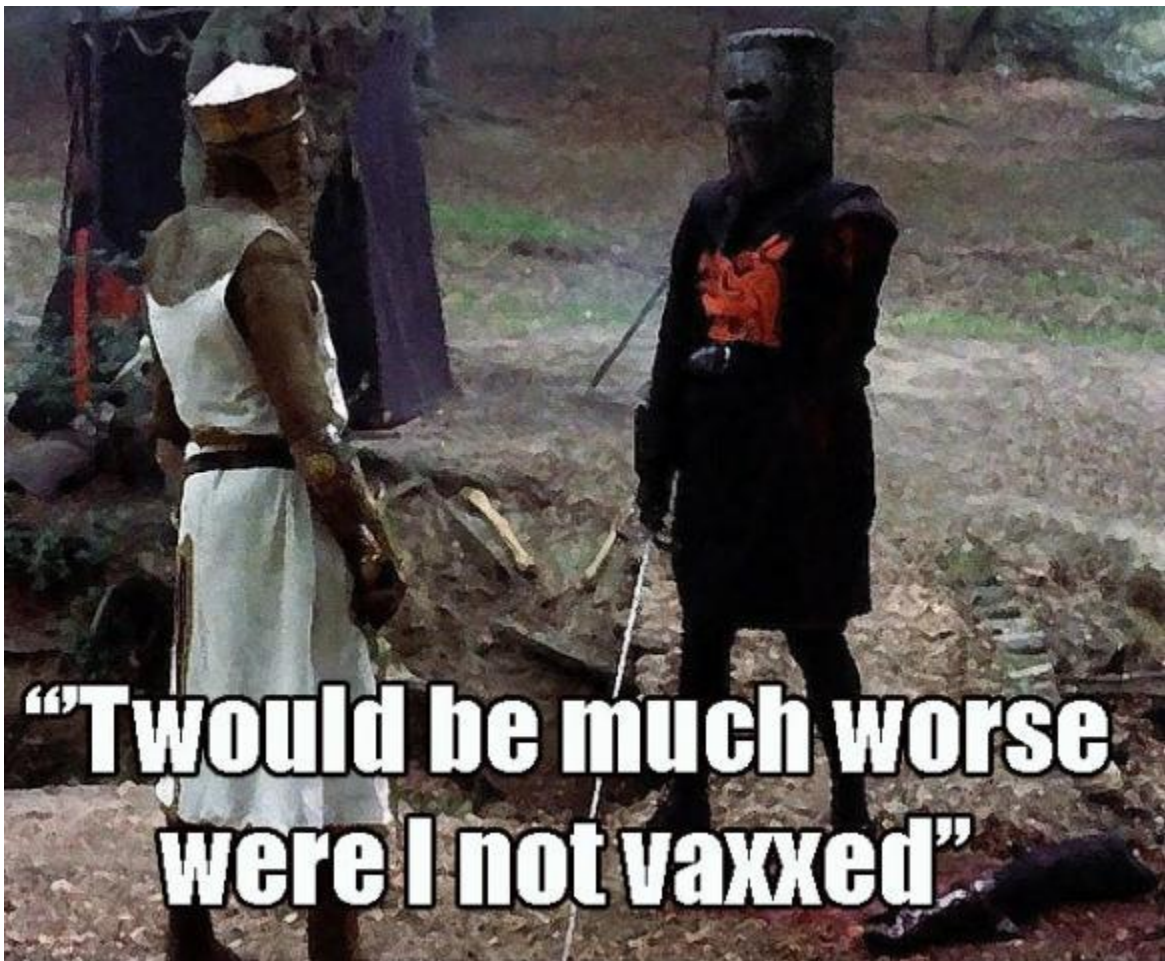
[Scientists identify new gene differences in severe COVID patients](#)

Reuters
March 7, 2022

[Secondary Attack Rates for Omicron and Delta Variants of SARS-CoV-2 in Norwegian Households](#)

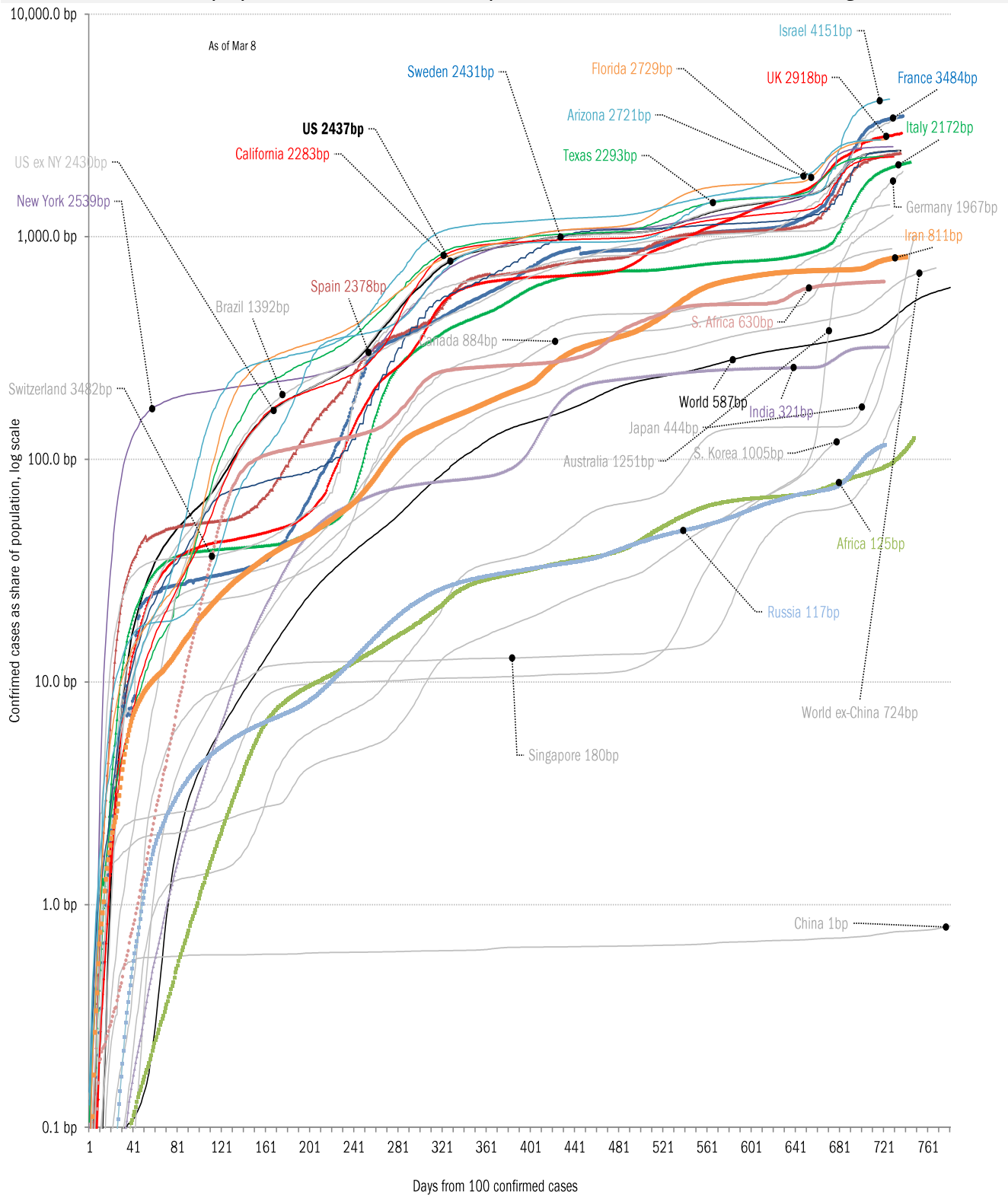
Silje B. Jørgensen
Journal of the American Medical Association
March 7, 2022

Meme of the day



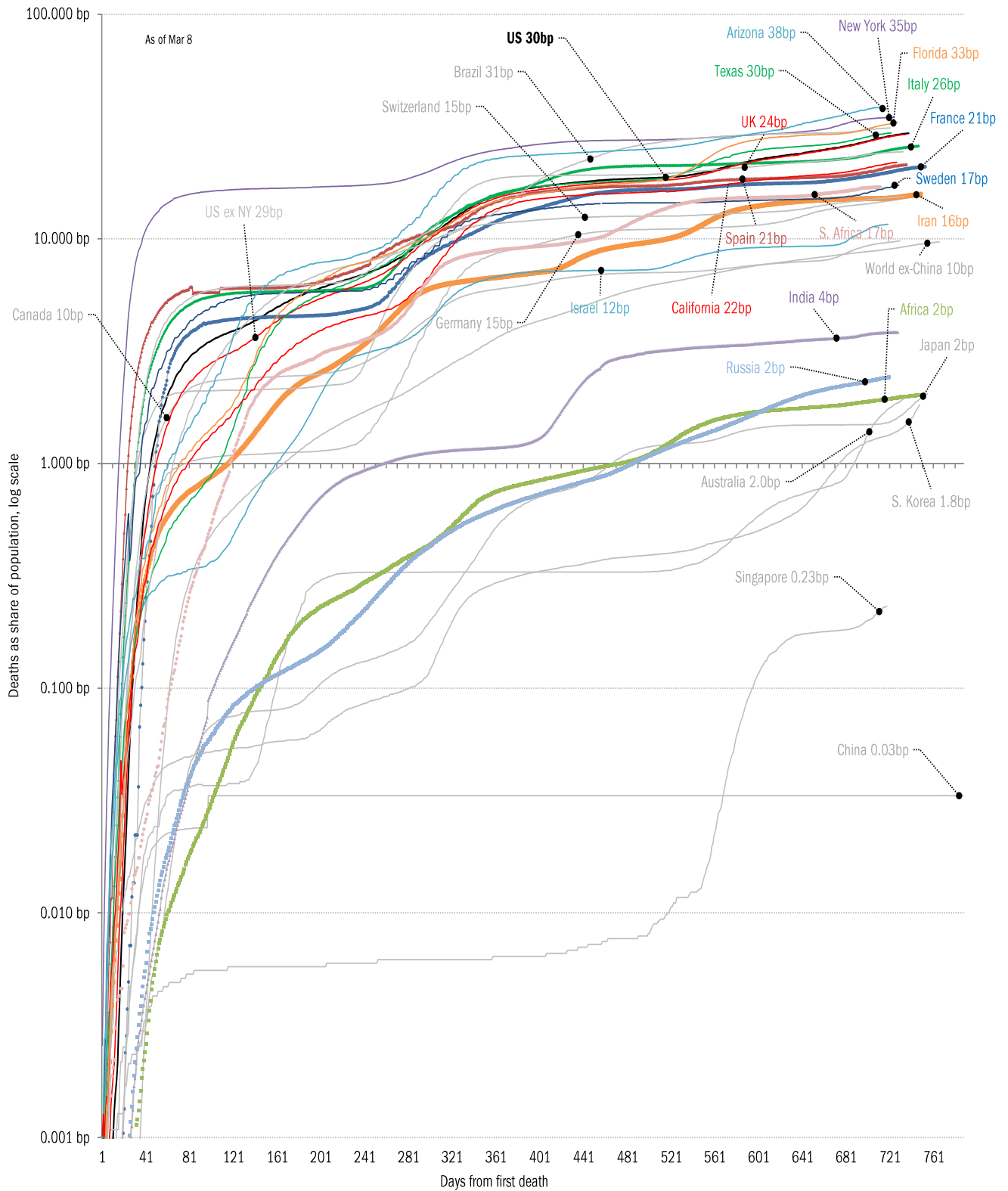
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

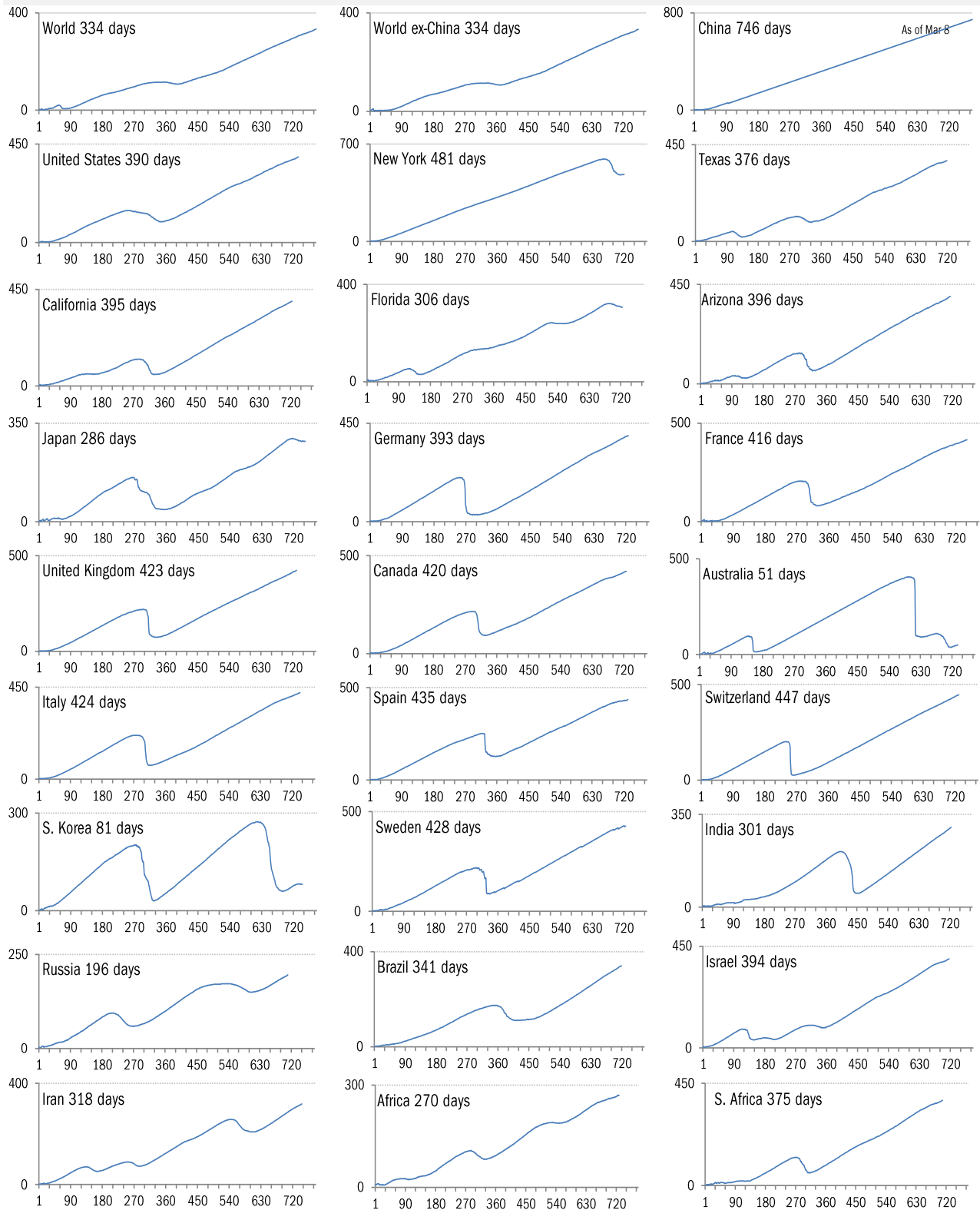


Source: [Johns Hopkins](#), TrendMacro calculations

"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

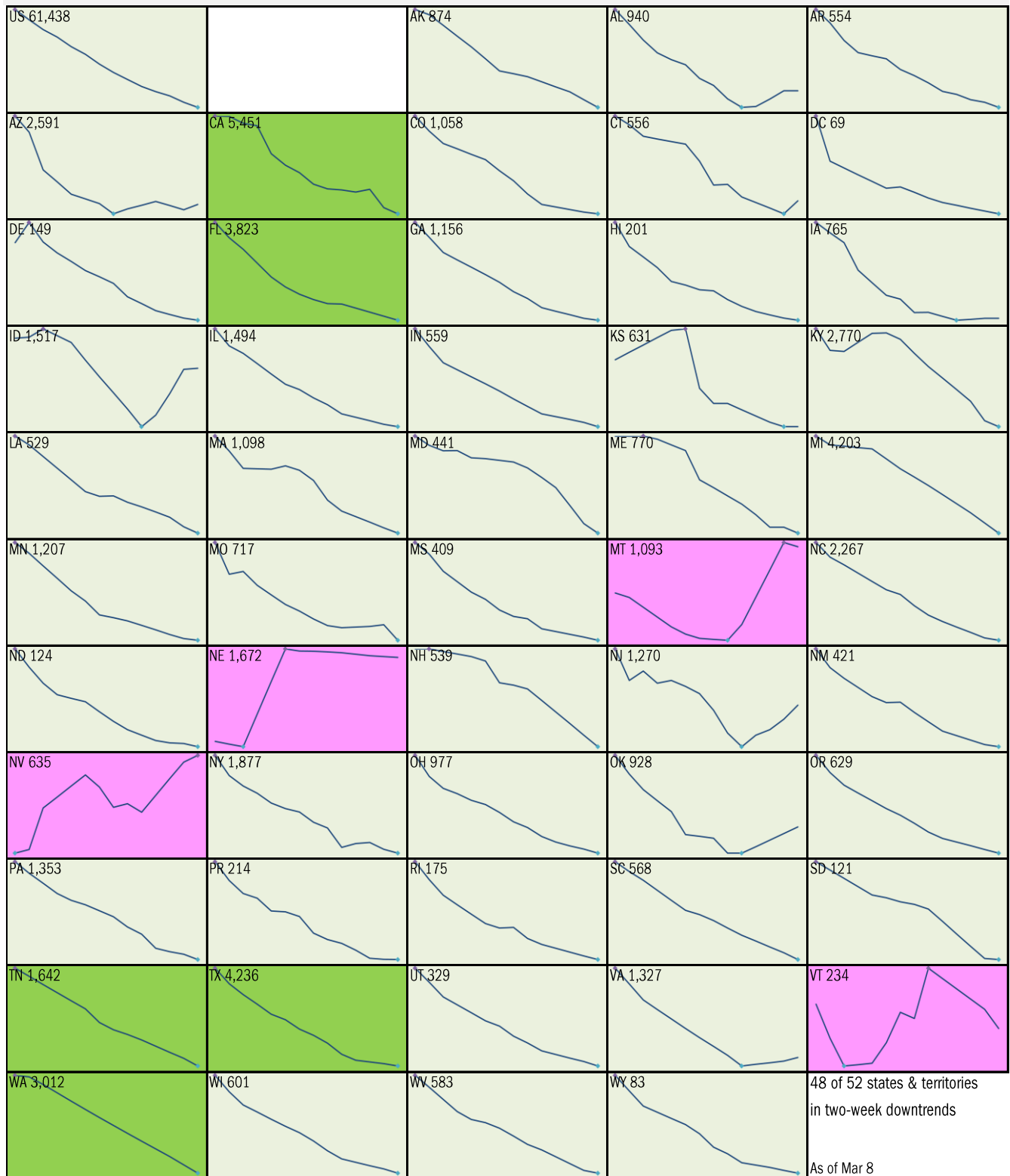


Source: [Johns Hopkins](#), TrendMacro calculations

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

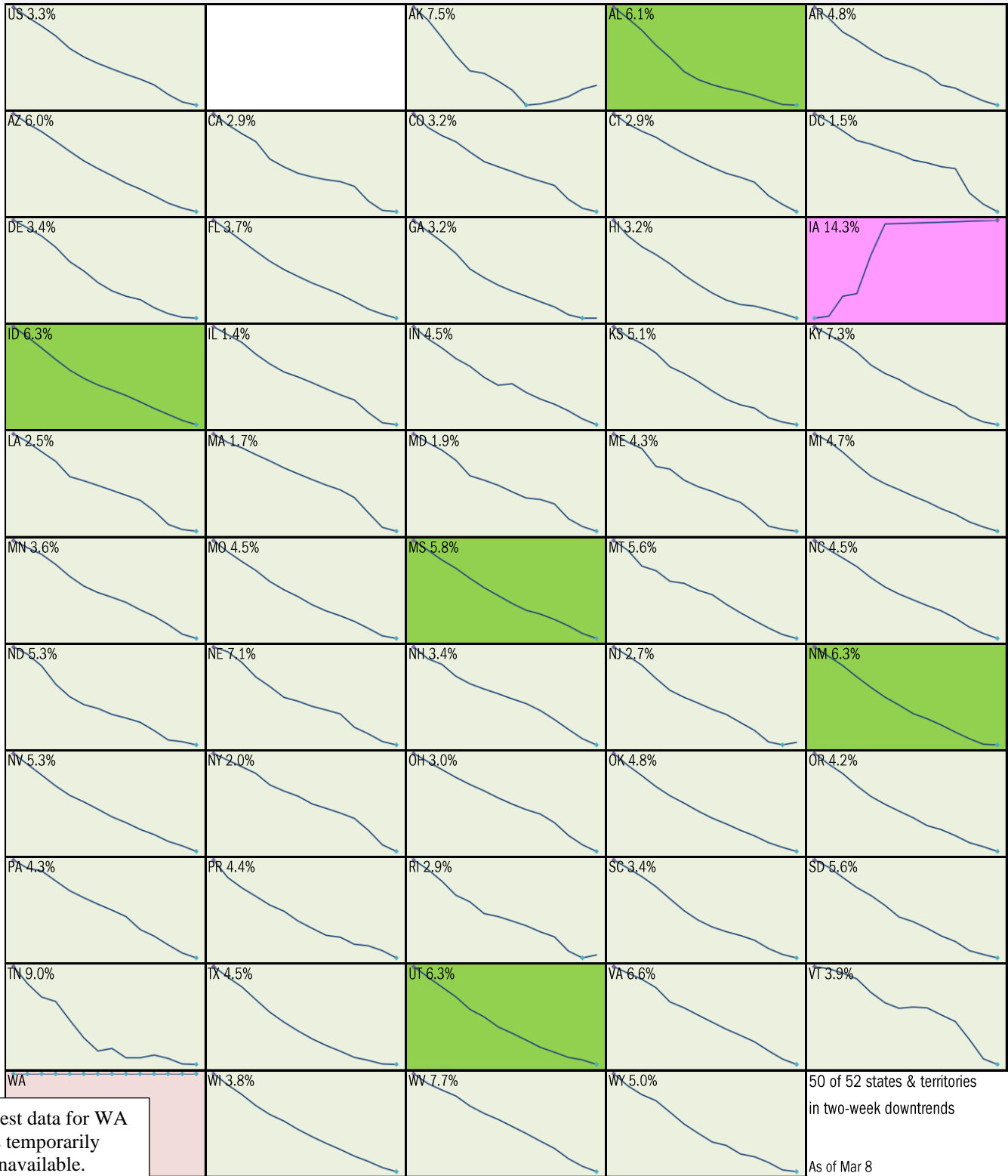


Source: [Johns Hopkins](#), TrendMacro calculations

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

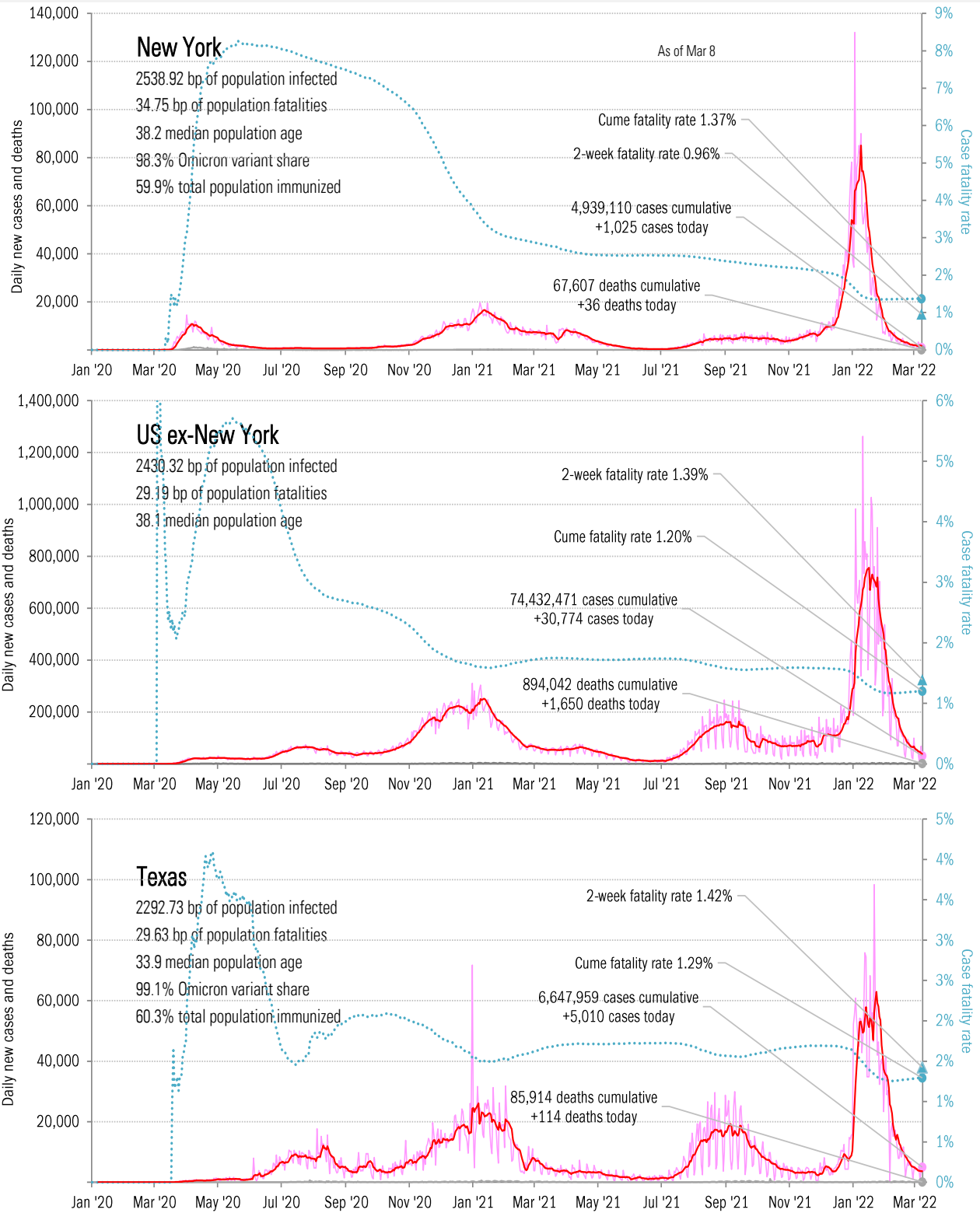
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

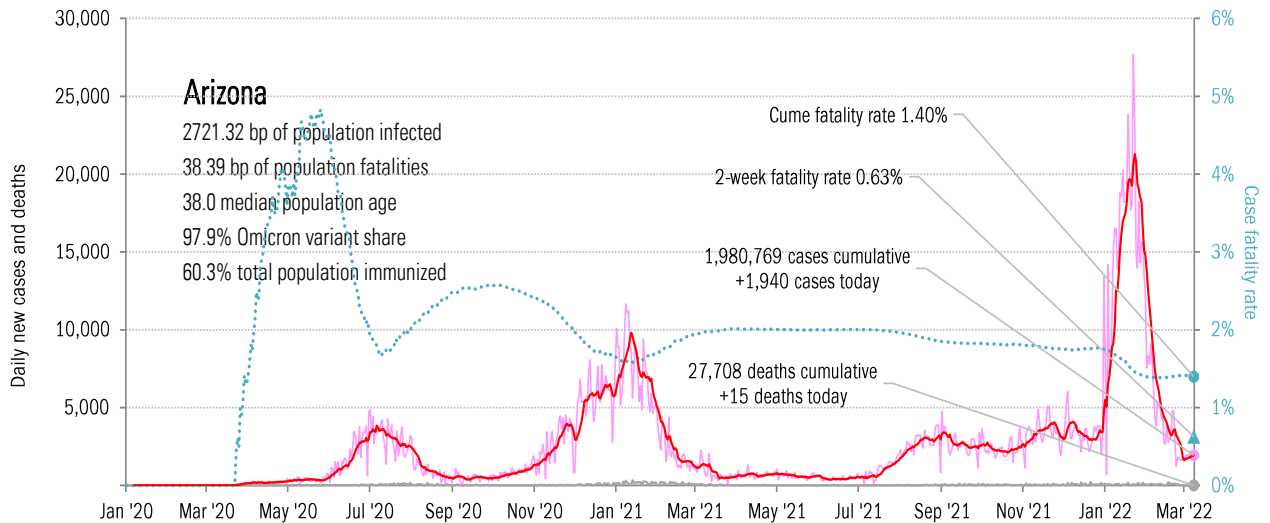
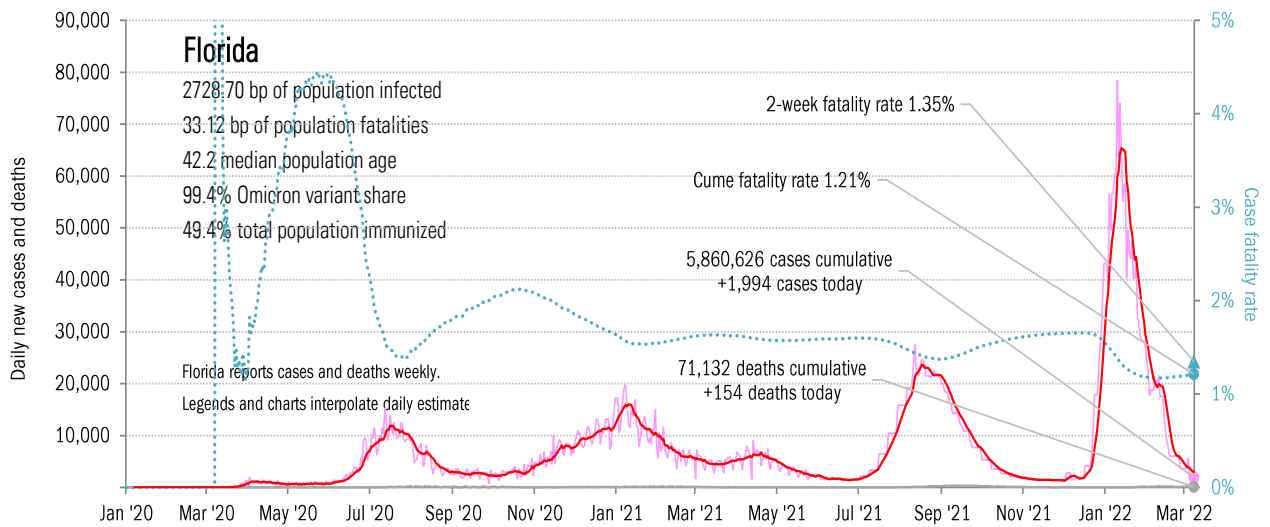
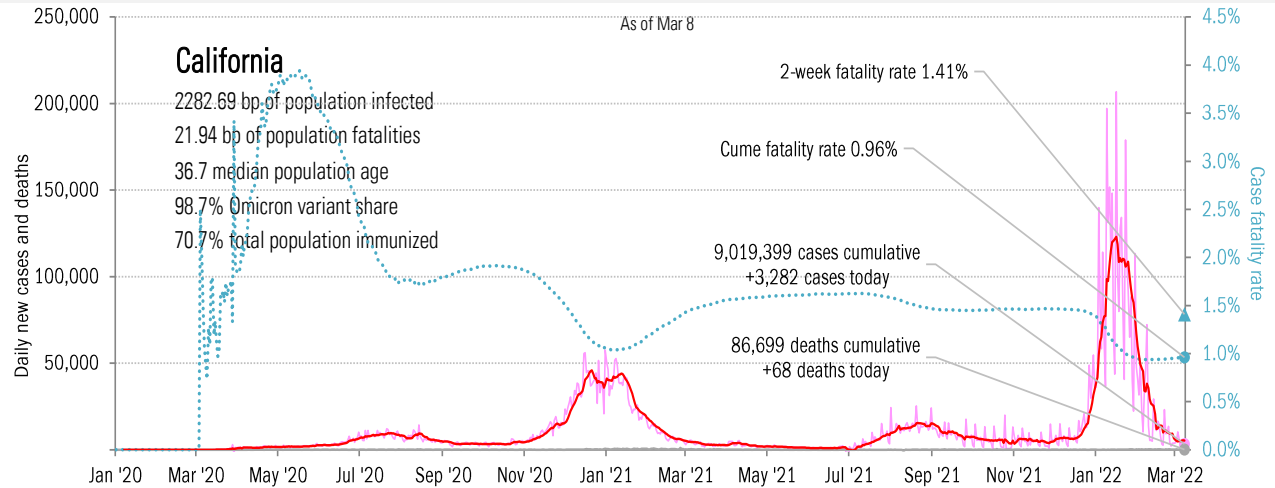
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

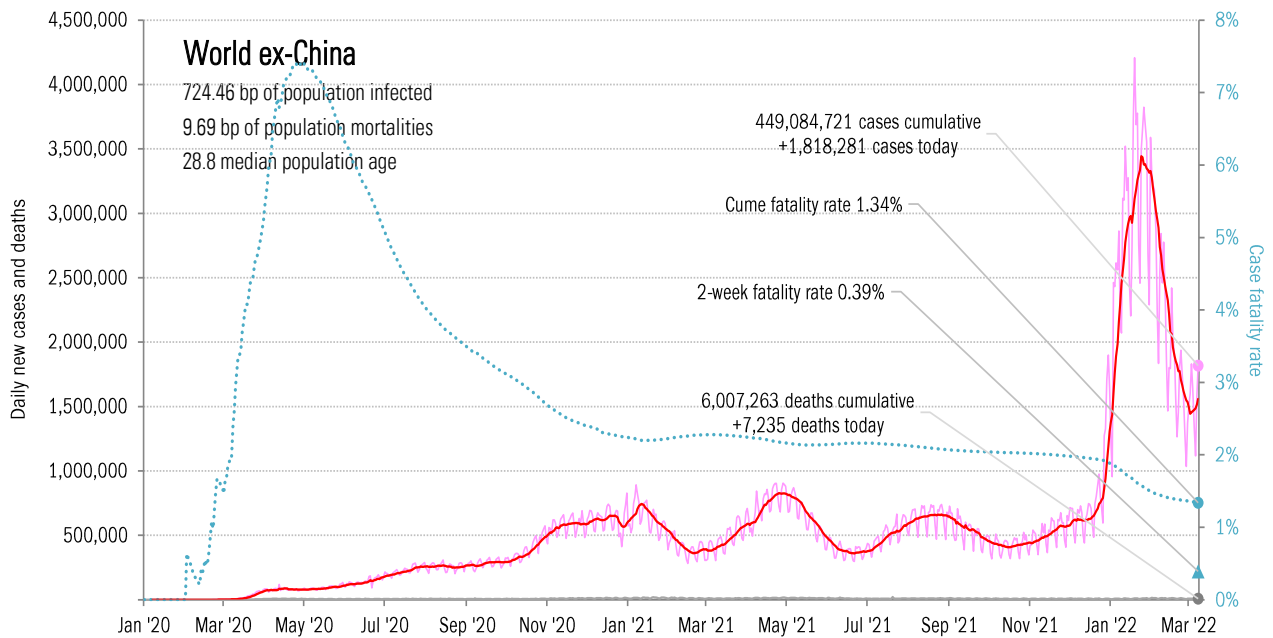
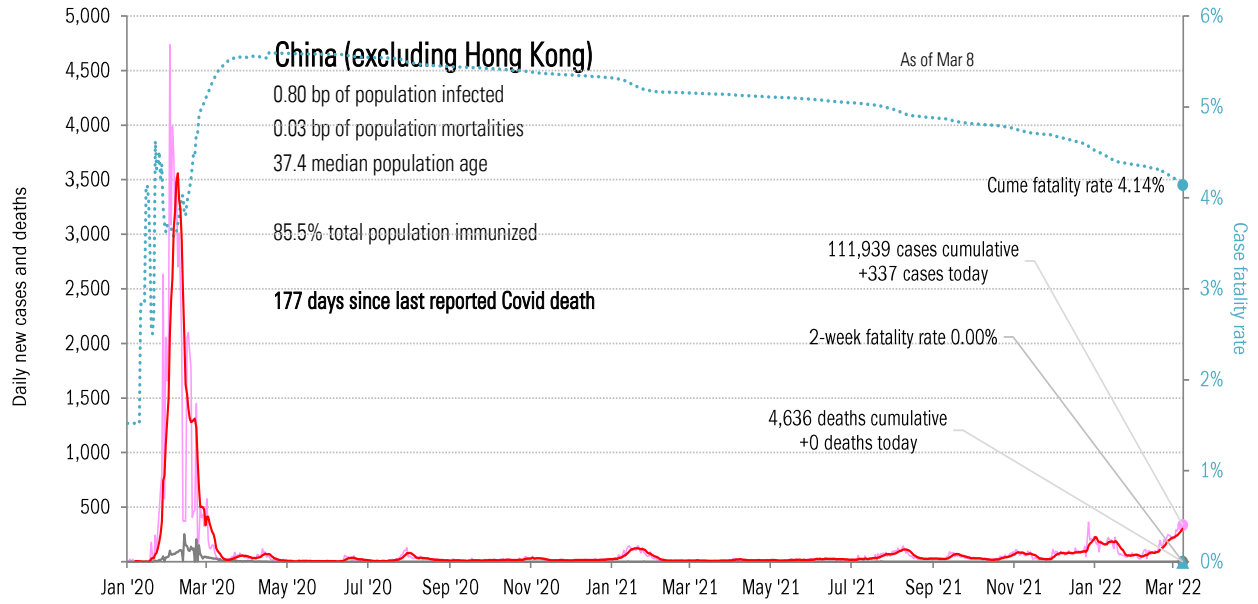
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

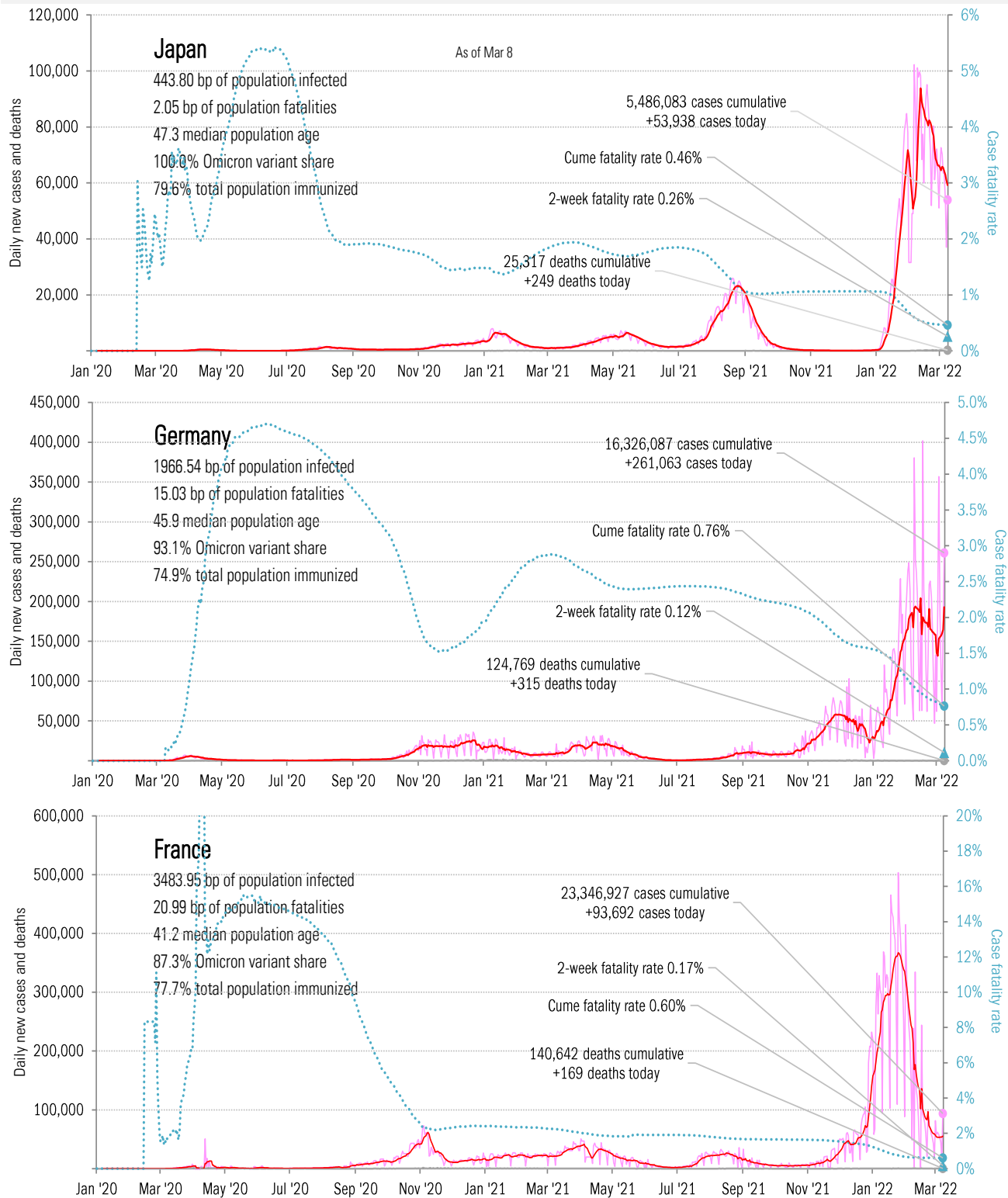
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

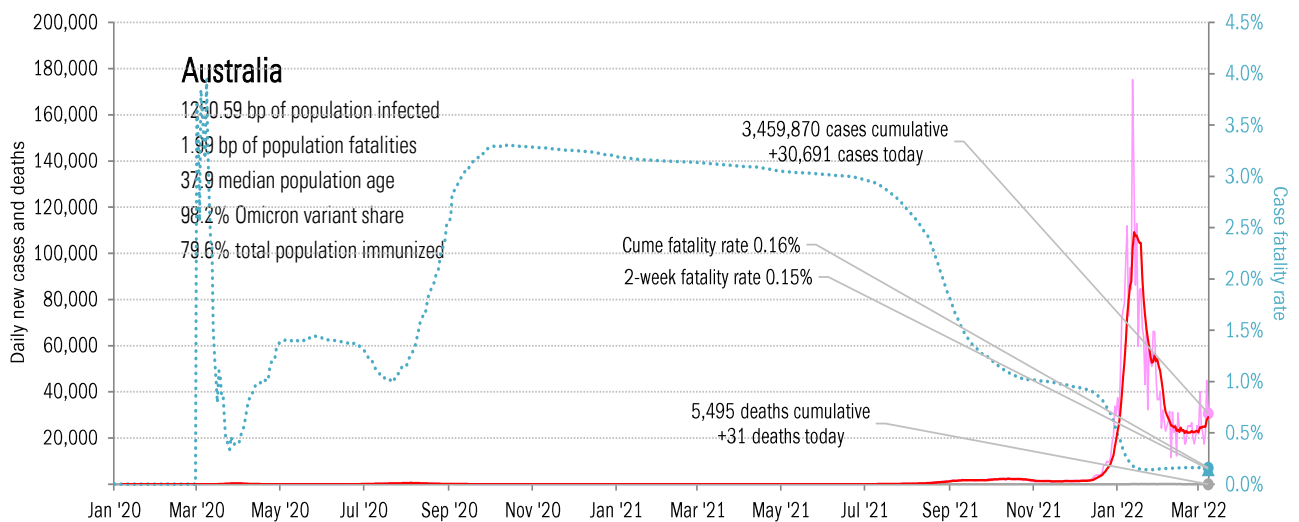
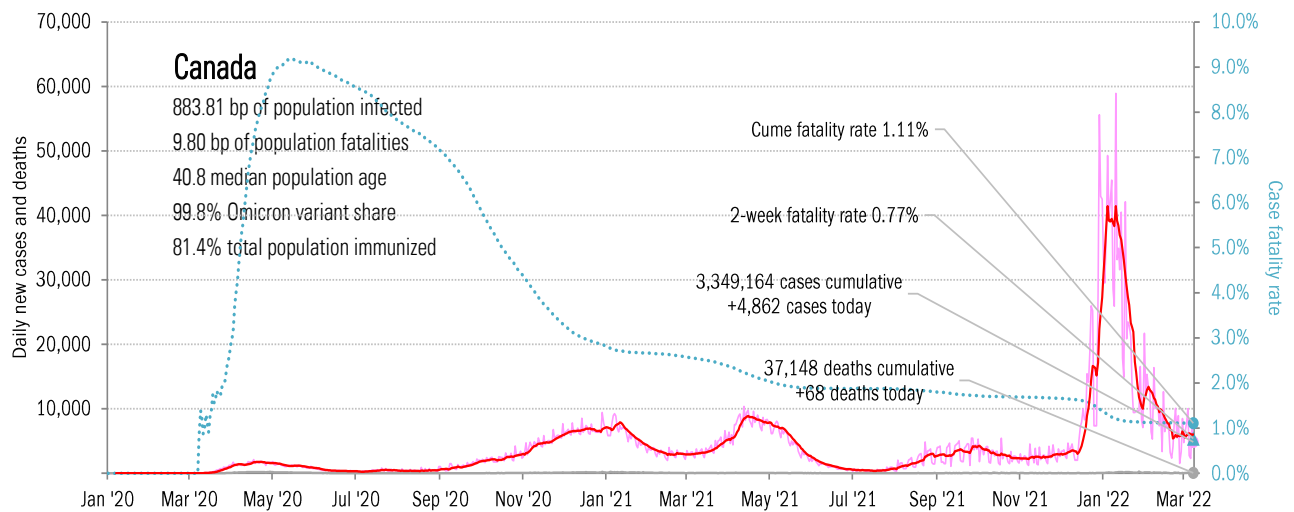
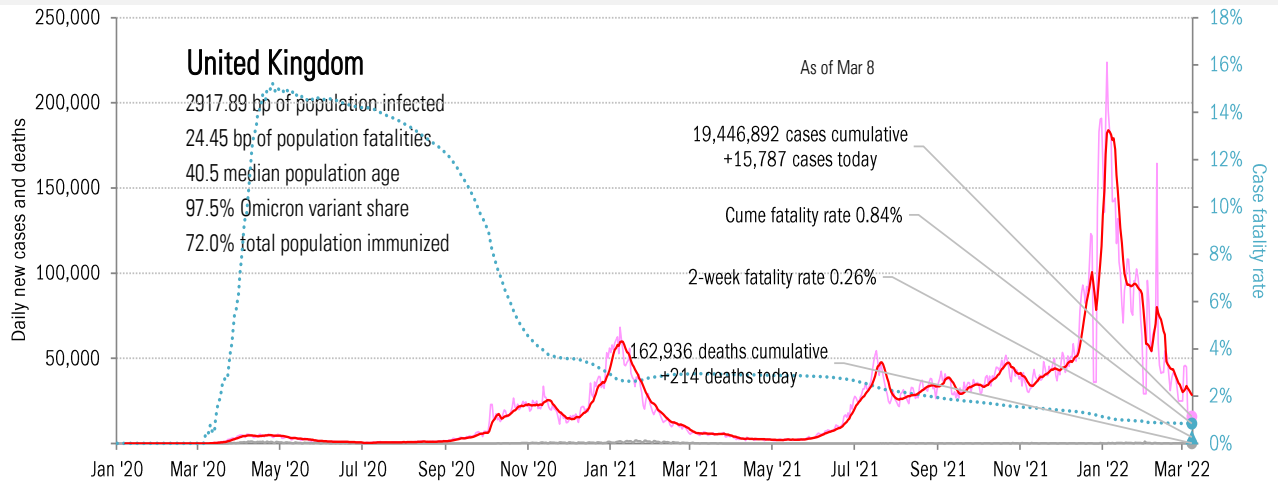
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

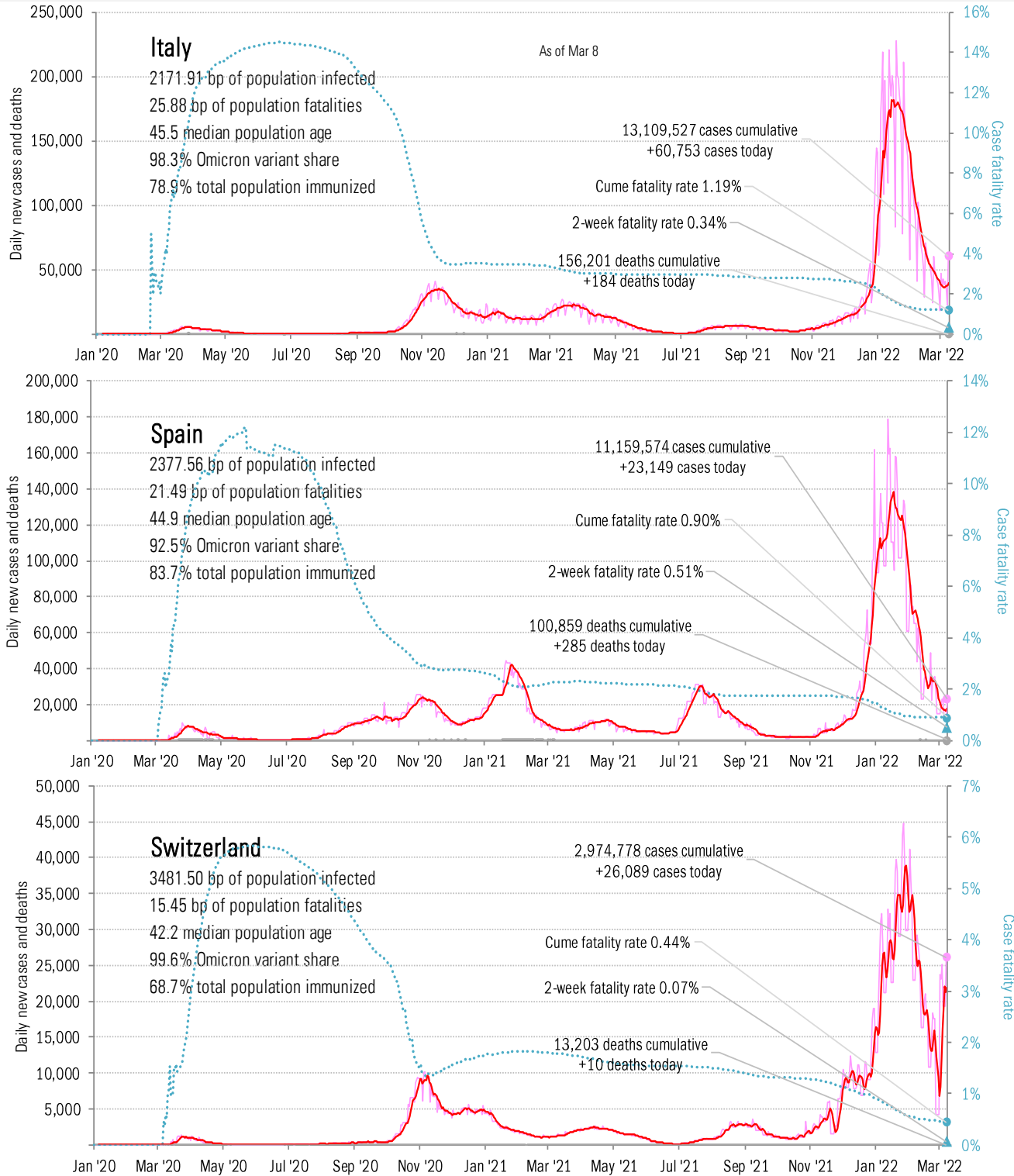
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

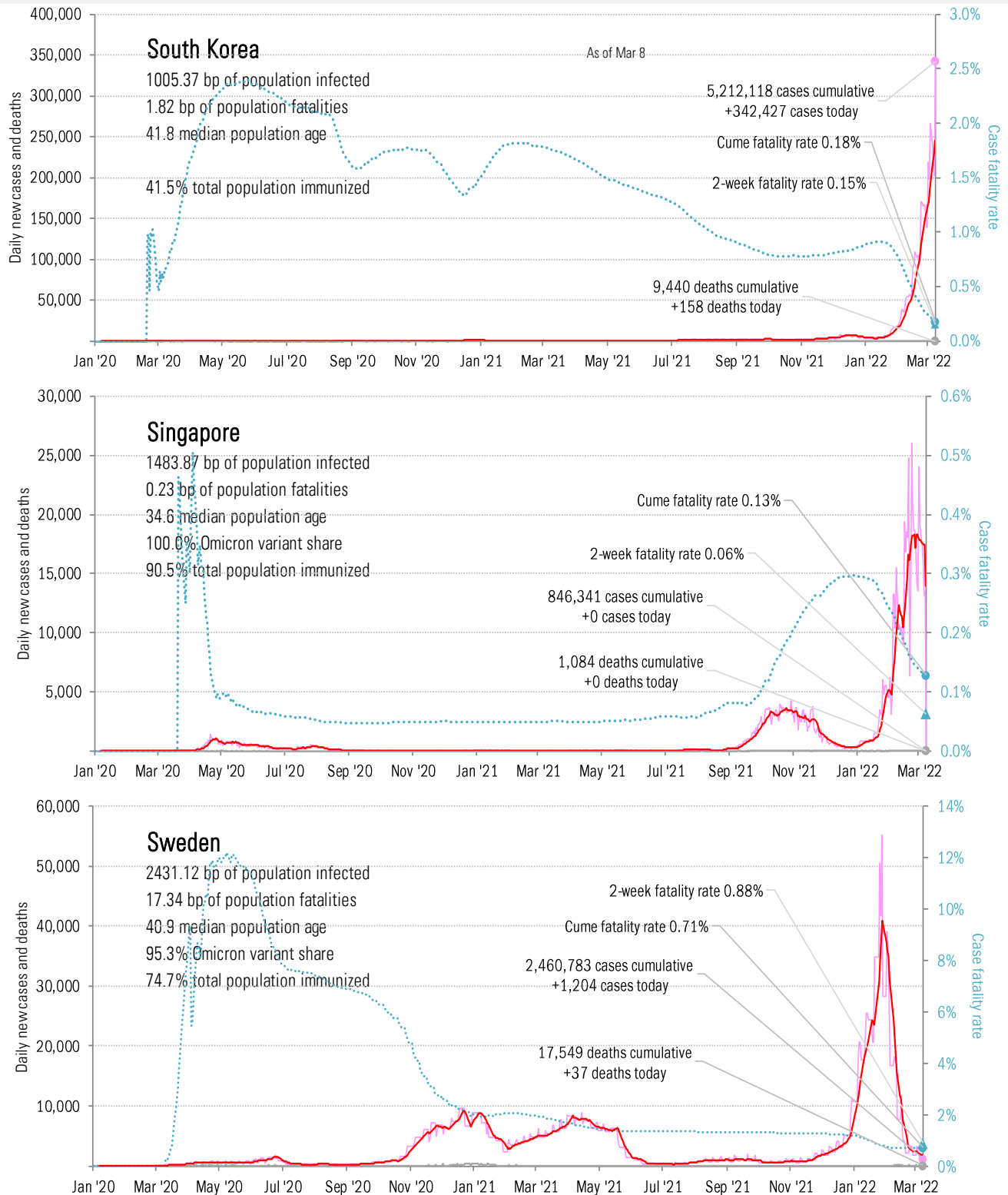
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

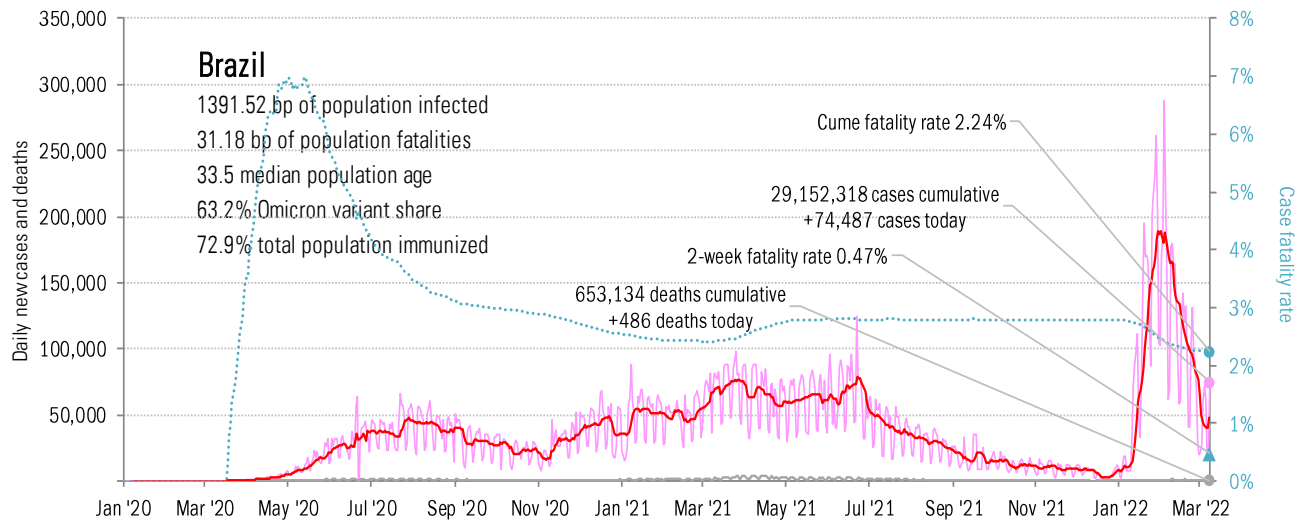
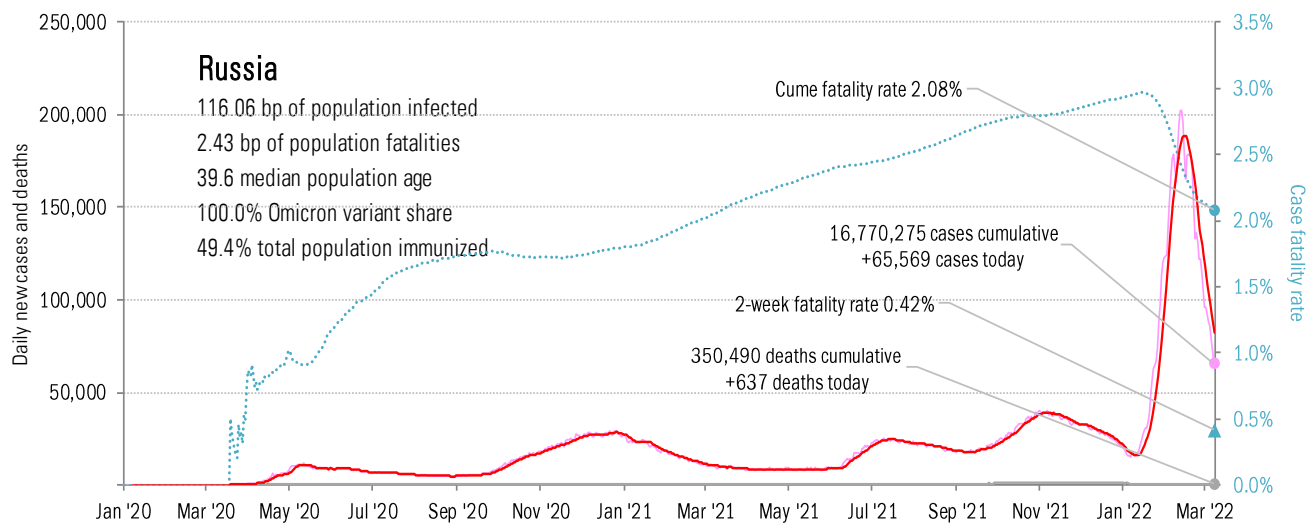
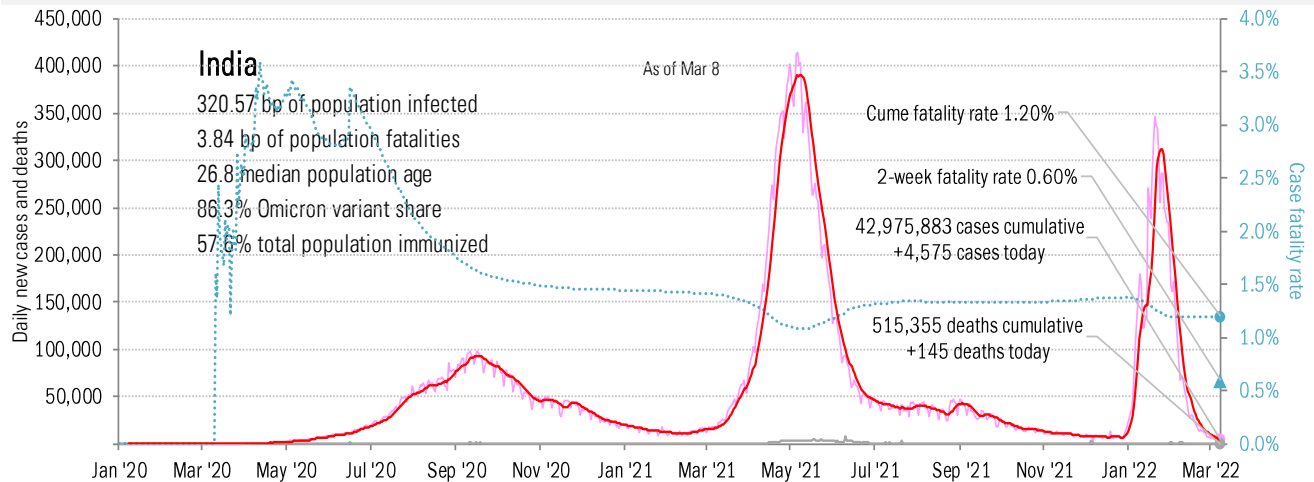
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

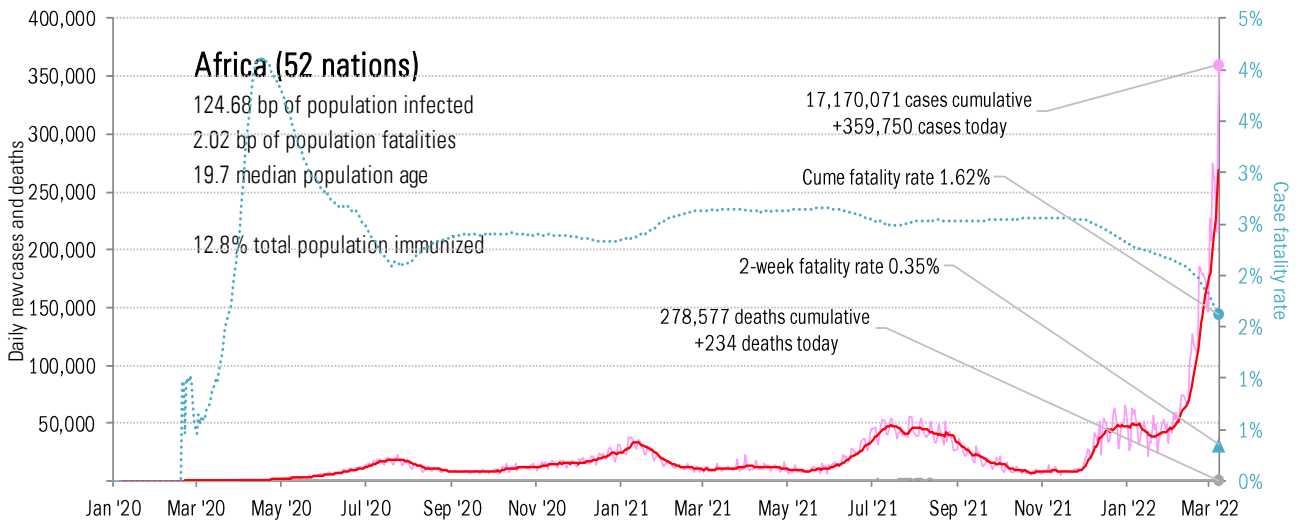
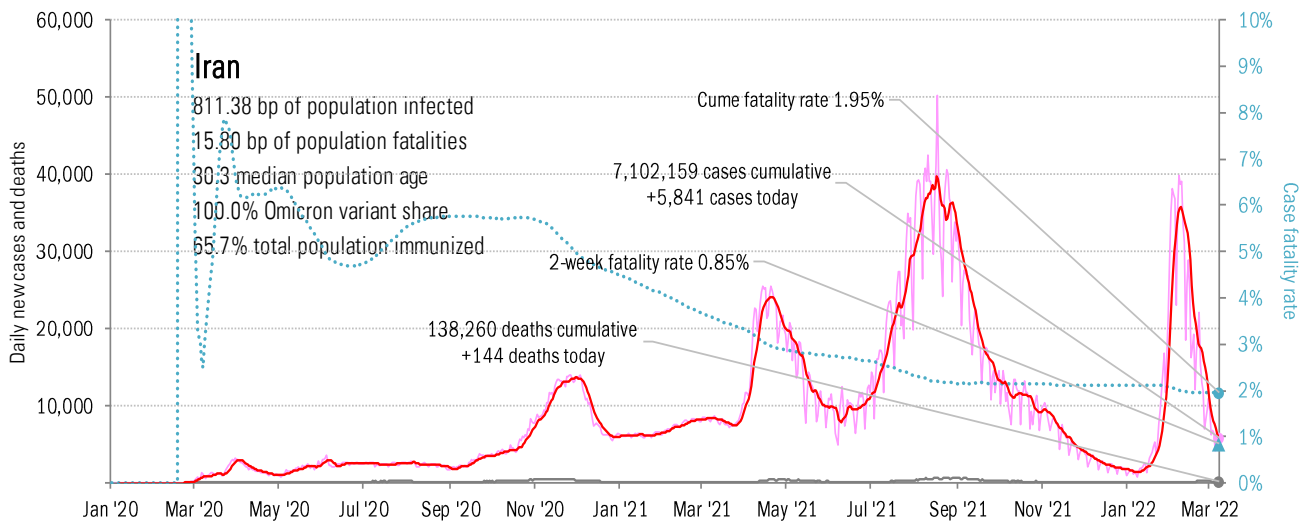
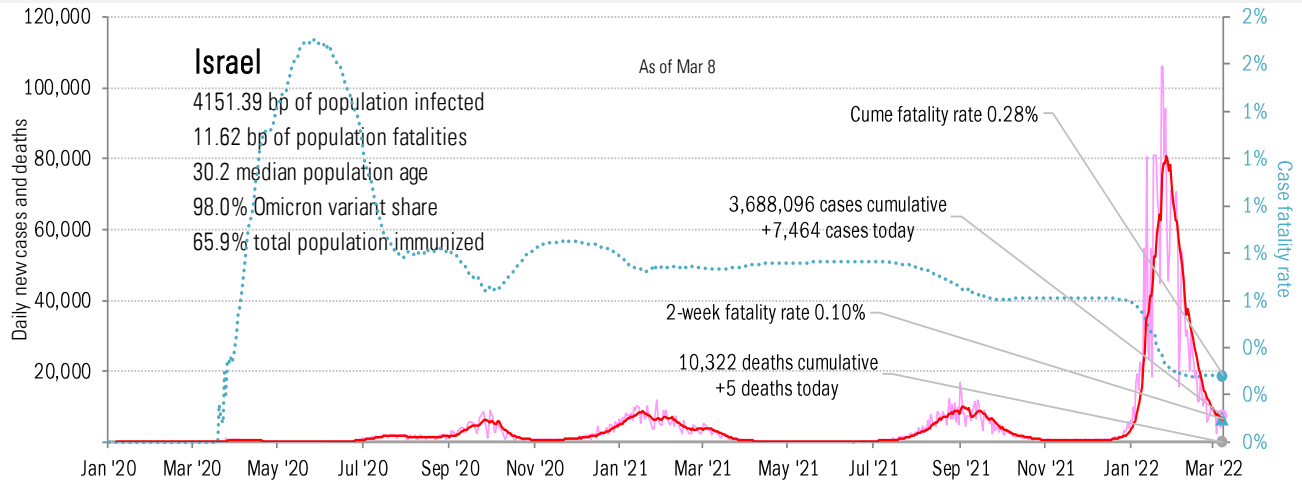
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

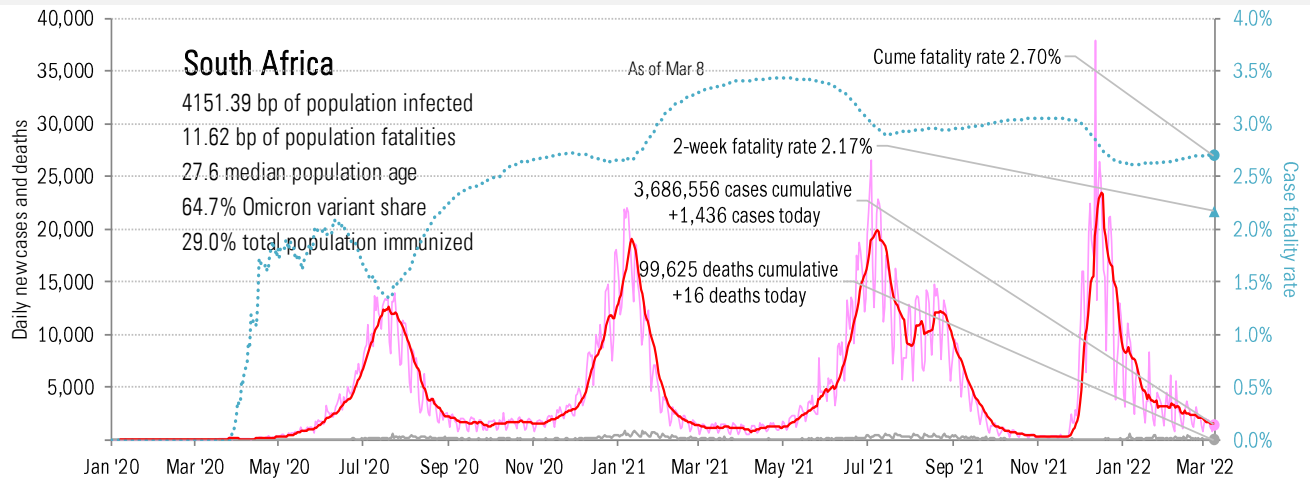
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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