

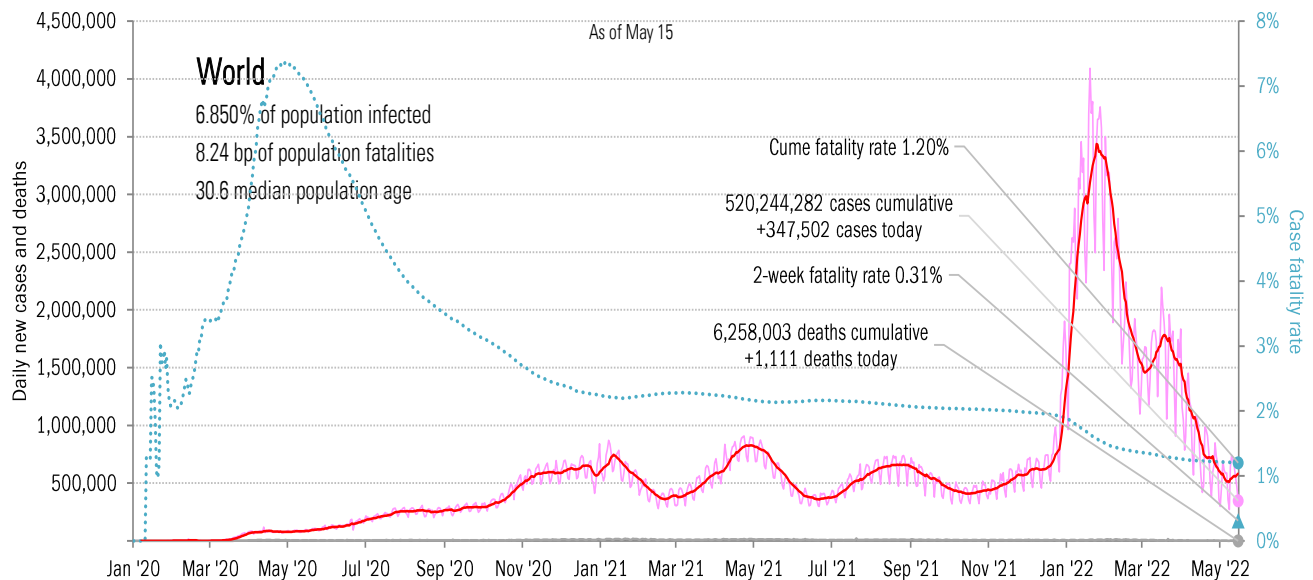
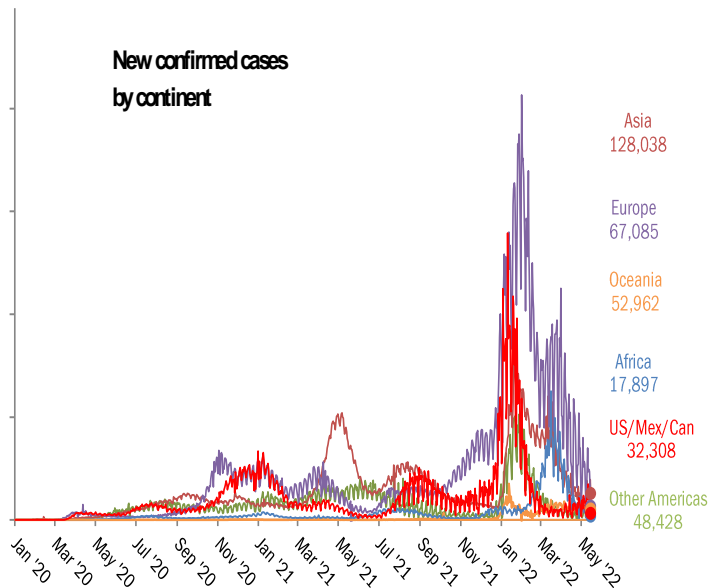
Data Insights: Covid-2019 Monitor

Monday, May 16, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Taiwan*	68,719	United States	519
Australia	45,774	Russia	96
Japan	34,892	Italy	62
Argentina	33,989	Israel	52
United States	31,674	Argentina	47
Italy	27,726	Brazil	46
France	22,844	Thailand	40
Korea, South	13,296	Korea, South	35
New Zealand	7,114	India	27
Brazil	6,296	Japan	25
292,324		949	
World	347,502	World	1,111
Top ten	84%	Top ten	85%



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

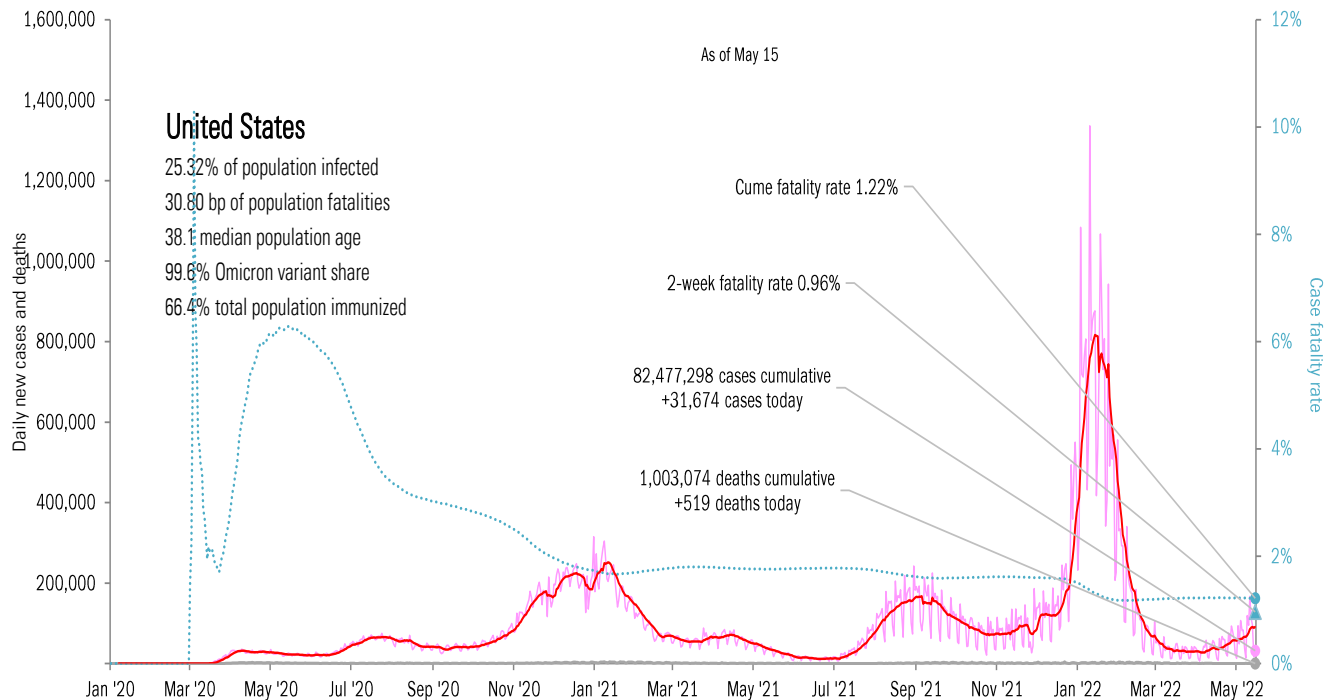
New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
NY	17,181		NY	20		FL	289		CA	9,349,673		CA	90,782		TX	491,880		RI	93%	RI	83%
FR	7,708		FL	13		IL	159		TX	6,872,827		TX	88,252		CA	429,807		MA	86%	AL	83%
NJ	3,975		AZ	6		PA	160		FL	6,008,714		FL	74,327		FL	420,382		MN	86%	AK	81%
TX						CA	238		NY	5,297,318		NY	68,637		NY	257,019		NH	82%	TX	81%
AK	0		AR	1		NJ	144		IL	3,209,341		PA	44,814		GA	208,384		MO	82%	WA	81%
AL	0		AK	0		NC	91		PA	2,850,343		CH	38,550		CH	193,384		GA	82%	NM	81%
AS	0		AL	0		WA	106		CH	2,724,041		GA	38,086		PA	179,233		DE	82%	DE	80%
						CH	121		NC	2,691,805		MI	36,140		IL	160,469		MD	81%	MA	80%
						TX	132		GA	2,530,918		IL	36,138		MI	144,400		WA	81%	NC	79%
						IN	70		MI	2,472,596		NJ	33,545		KY	133,508		PA	81%	KY	79%
31,889			51			1,510			44,007,576			549,271			2,618,466						
All states	31,674		519		3,266		All states	82,477,298		1,003,074		4,754,411		All states	70%		67%				
Top ten	101%		10%		46%		Top ten	53%		55%		55%		Median	75%		73%				

US state case and fatality data distorted today due to revisions.

Some states not reporting

Five most improved US states

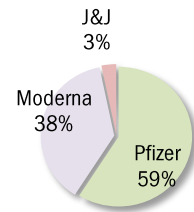
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
FL	-6,561	FL	-123	NY	-113	ID	+10 bp
IA	-1,259	NJ	-4	WI	-30	MD	+10 bp
NJ	-1,192	TX	-4	DE	-15	NJ	+10 bp
TX	-895	ND	-2	MIN	-15	NM	+10 bp
CK	-689	DC	-1	VA	-12	RI	+10 bp



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	597,047,735		+0.151 million		US	66.4%	77.7%
Boosters	44,595,870		+0.011 million		UK	73.0%	78.1%
	One dose	% Pop	Immune	% pop	New immune today	France	78.3%
Total population	265,653,718	80%	226,915,932	68%	+0.019 million	Spain	86.6%
Age 12 to 17	17,737,832	70%	15,181,030	60%	+0.001 million	Germany	76.8%
Age 18 to 64	178,567,980	88%	151,913,461	75%	+0.009 million	Italy	79.4%
Age 65 and over	58,969,494	100%	51,437,567	94%	+0.006 million	Australia	83.7%
						Israel	66.1%
						Canada	82.3%
						Japan	80.8%
						Africa	16.9%
						India	62.8%
						Brazil	77.2%
						China	86.7%



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

"Immunity" = two doses

AK
69.8%
62.5%

WI
72.0%
65.7%

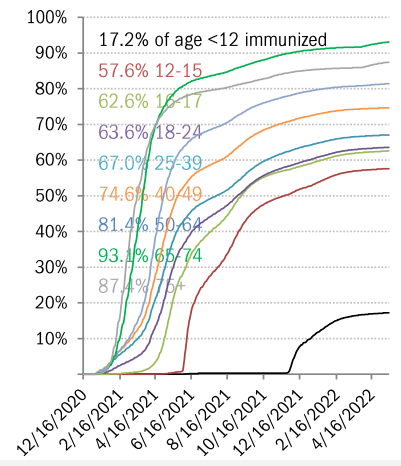
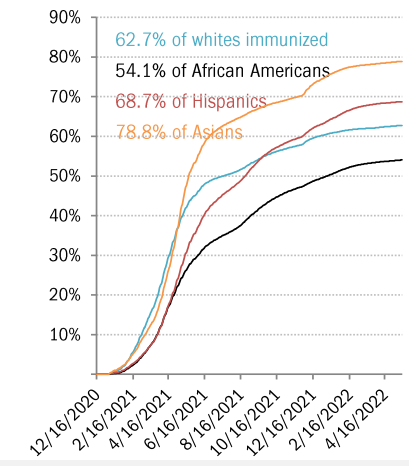
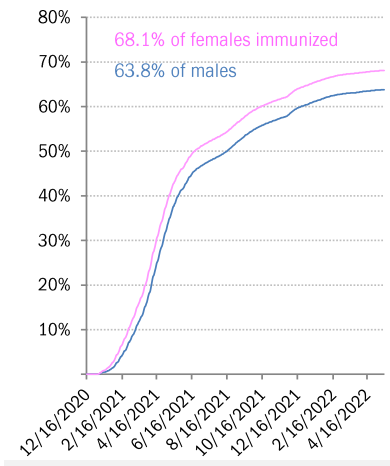
As of May 15

ME
90.8%
79.8%

WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
81.0%	61.8%	65.4%	65.7%	75.2%	76.8%	67.1%		90.4%	93.8%	88.6%
72.7%	54.7%	56.9%	55.7%	69.3%	69.1%	60.3%		77.2%	81.4%	70.8%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
78.0%	75.5%	58.1%	76.8%	68.1%	61.6%	63.7%	85.2%	90.6%	95.0%	
69.8%	61.0%	51.0%	61.8%	62.1%	54.9%	58.8%	68.7%	75.9%	79.3%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.3%	72.2%	79.5%	70.4%	66.3%	66.3%	65.1%	85.9%	86.7%	95.0%	95.0%
72.4%	64.4%	70.4%	63.7%	56.2%	57.5%	57.7%	73.4%	75.9%	79.5%	82.9%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	73.3%	88.0%	74.7%	66.8%	62.3%	84.6%	67.8%	95.0%	83.4%	
	61.8%	71.4%	61.7%	54.6%	54.6%	61.5%	57.1%	78.0%	69.4%	
			OK	LA	MS	AL	GA			
			71.3%	61.1%	59.7%	62.8%	65.5%			
			57.4%	53.6%	51.9%	51.2%	54.9%			
			TX					FL		PR
			73.5%					79.5%		95.0%
			61.7%					67.2%		83.2%

HI
87.6%
78.4%

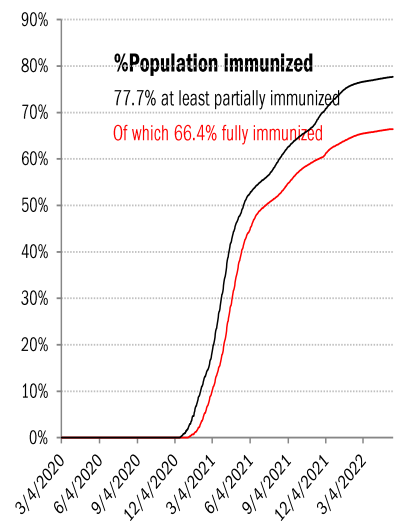
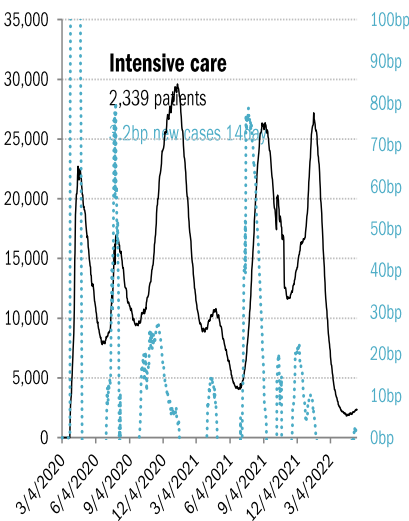
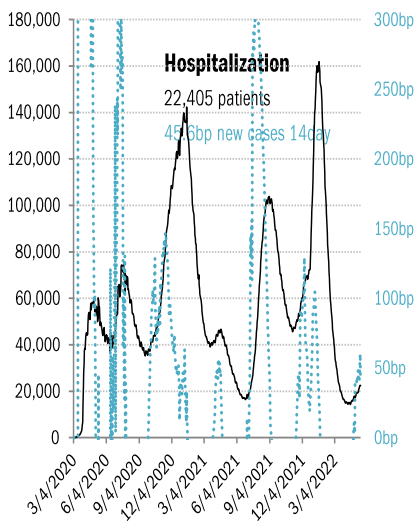
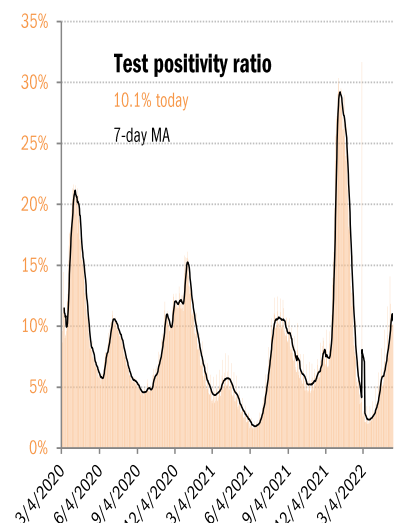
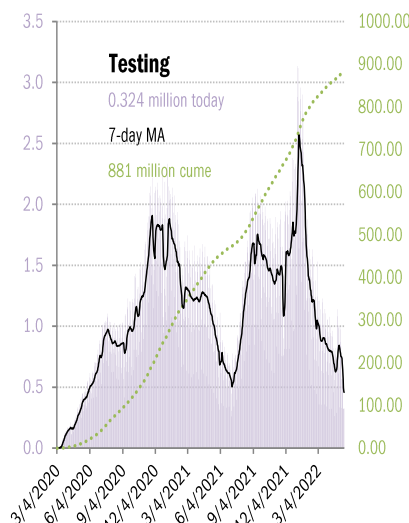
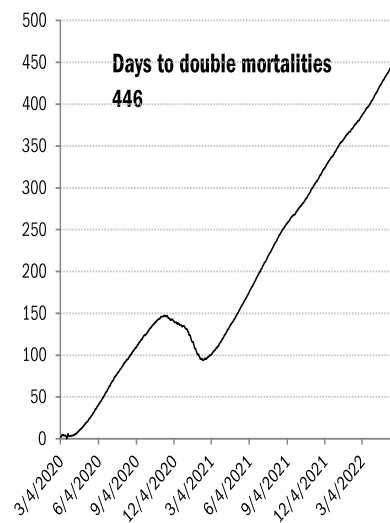
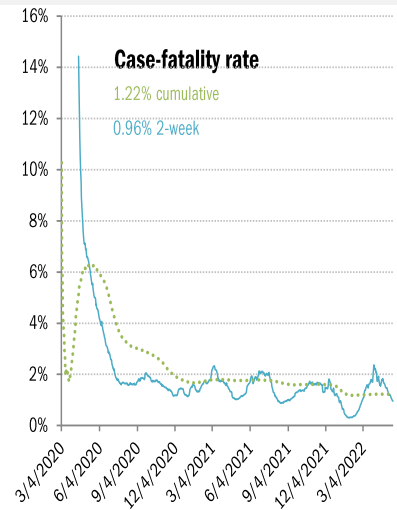
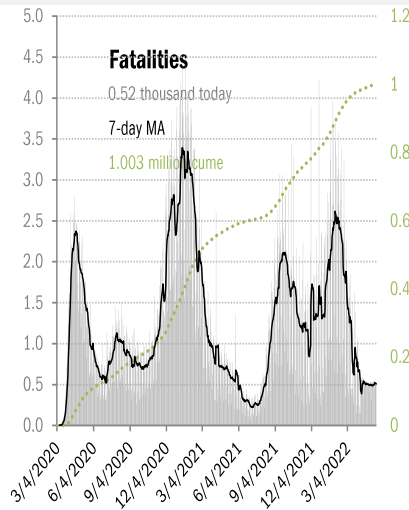
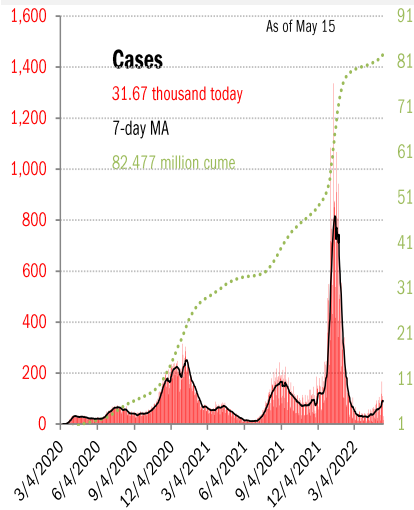
The demographics of US vaccination



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

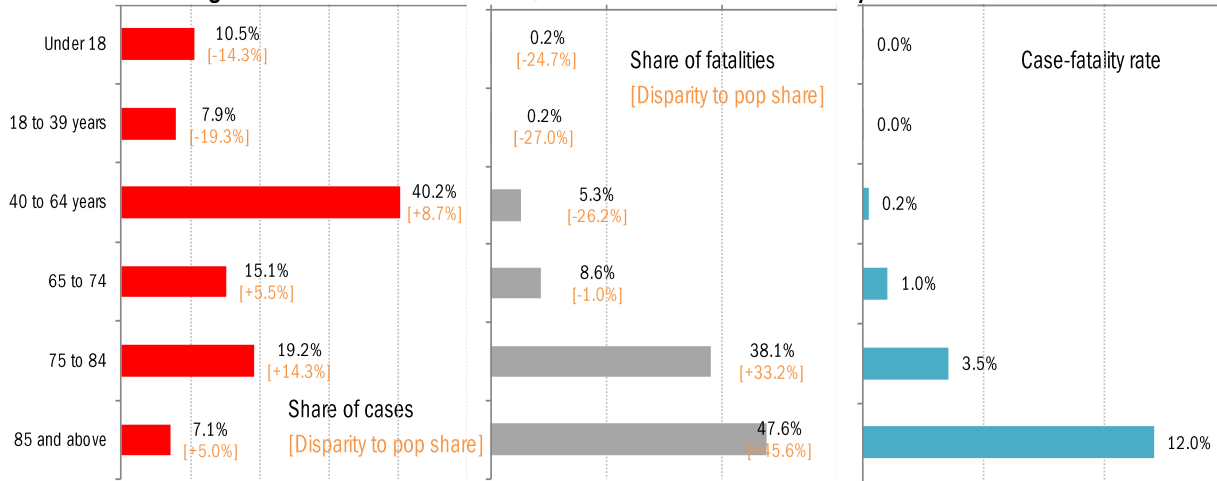
US deep-dive

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

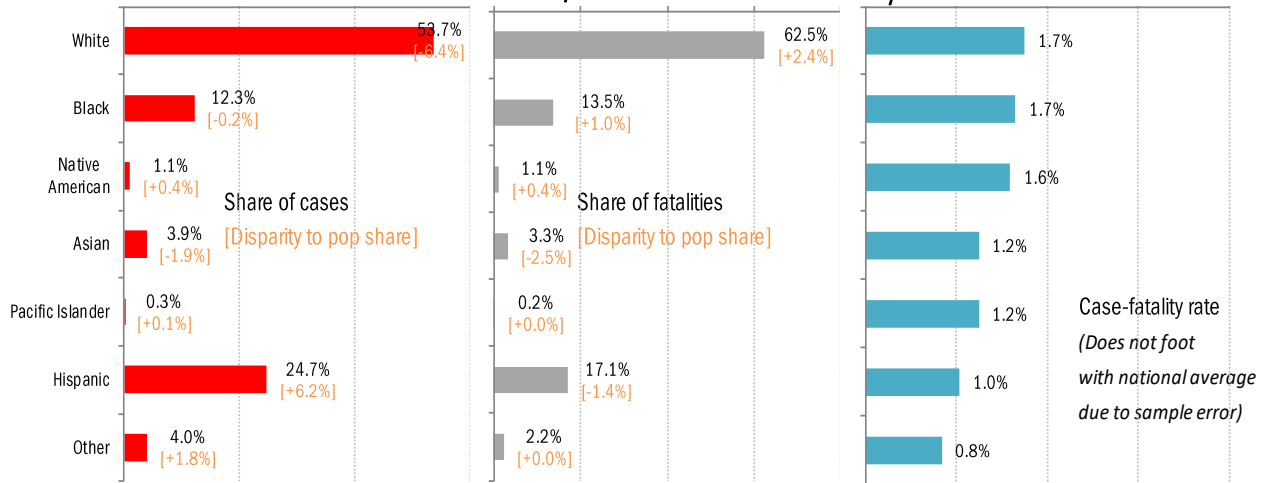


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

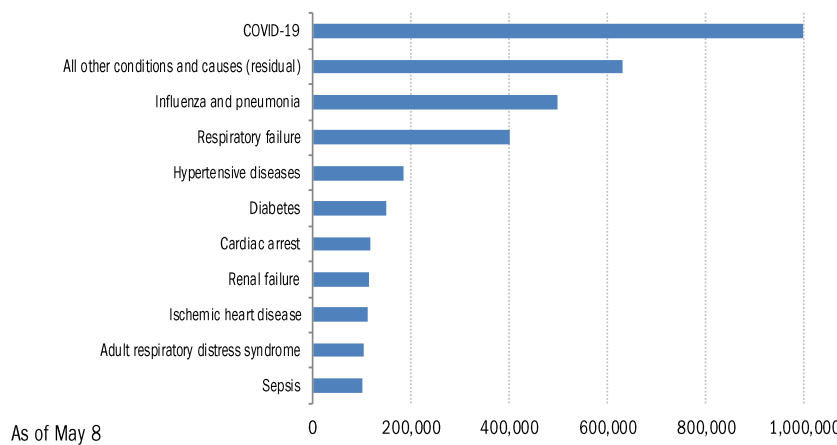


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[My Lawsuit Will Shine a Light on Twitter Censorship](#)

Alex Berenson
Wall Street Journal
May 15, 2022

[Not a Single Car Was Sold in Shanghai Last Month](#)

Peter Vercoe
Bloomberg
May 15, 2022

[Thoughts on Our Faucian Bargain](#)

Roger Kimball
American Greatness
May 14, 2022

[China's Economic Activity Collapses Under Xi's Covid Zero Policy](#)

Bloomberg
May 15, 2022

[Fauci-Funded Lab Director Alerted Wuhan Officials Ahead Of Potential COVID-19 Origins Investigation.](#)

Natalie Winters
National Pulse
May 14, 2022

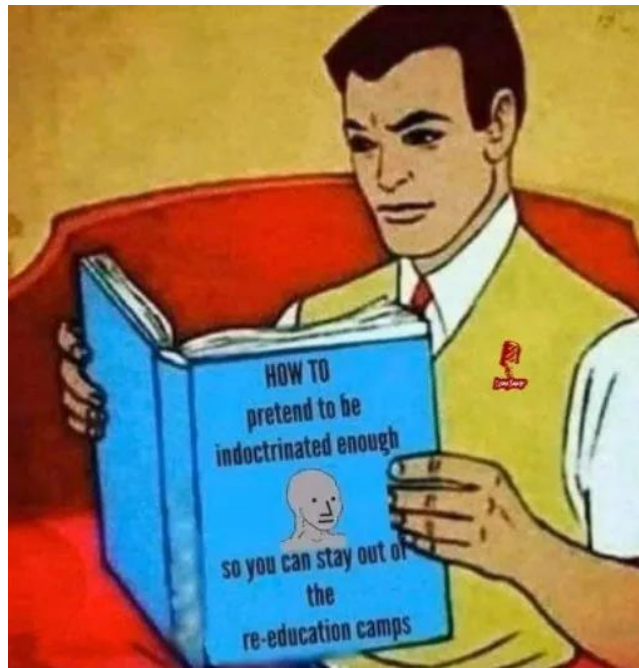
[How Omicron Infection Turbo-Charges Vaccinated People's Immunity](#)

Naomi Kresge
Bloomberg
May 15, 2022

[Zoonotic Spillover Is the Apocalypse You'll Be Hearing About a Lot](#)

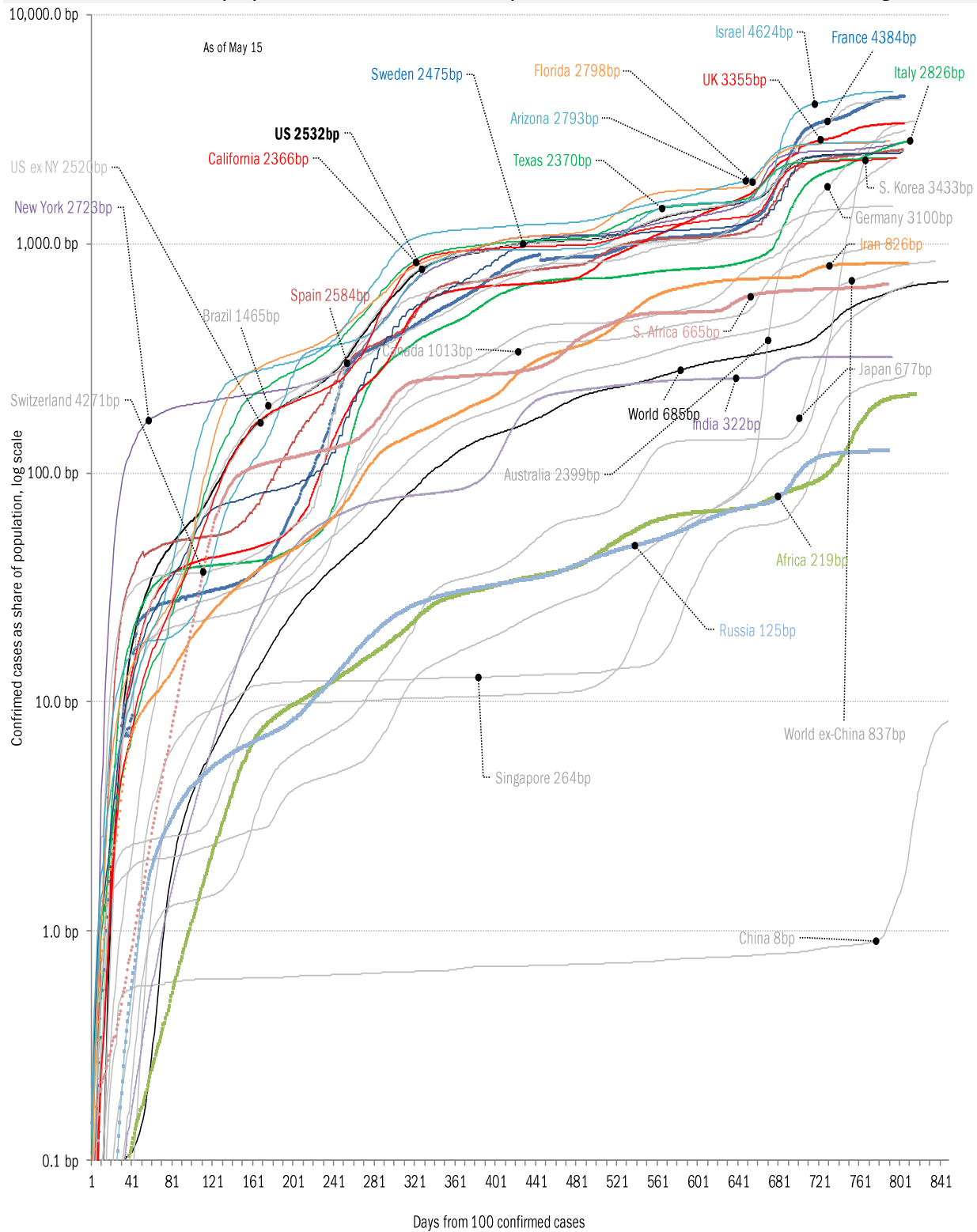
Andreas Kluth
Bloomberg
May 15, 2022

Meme of the day



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

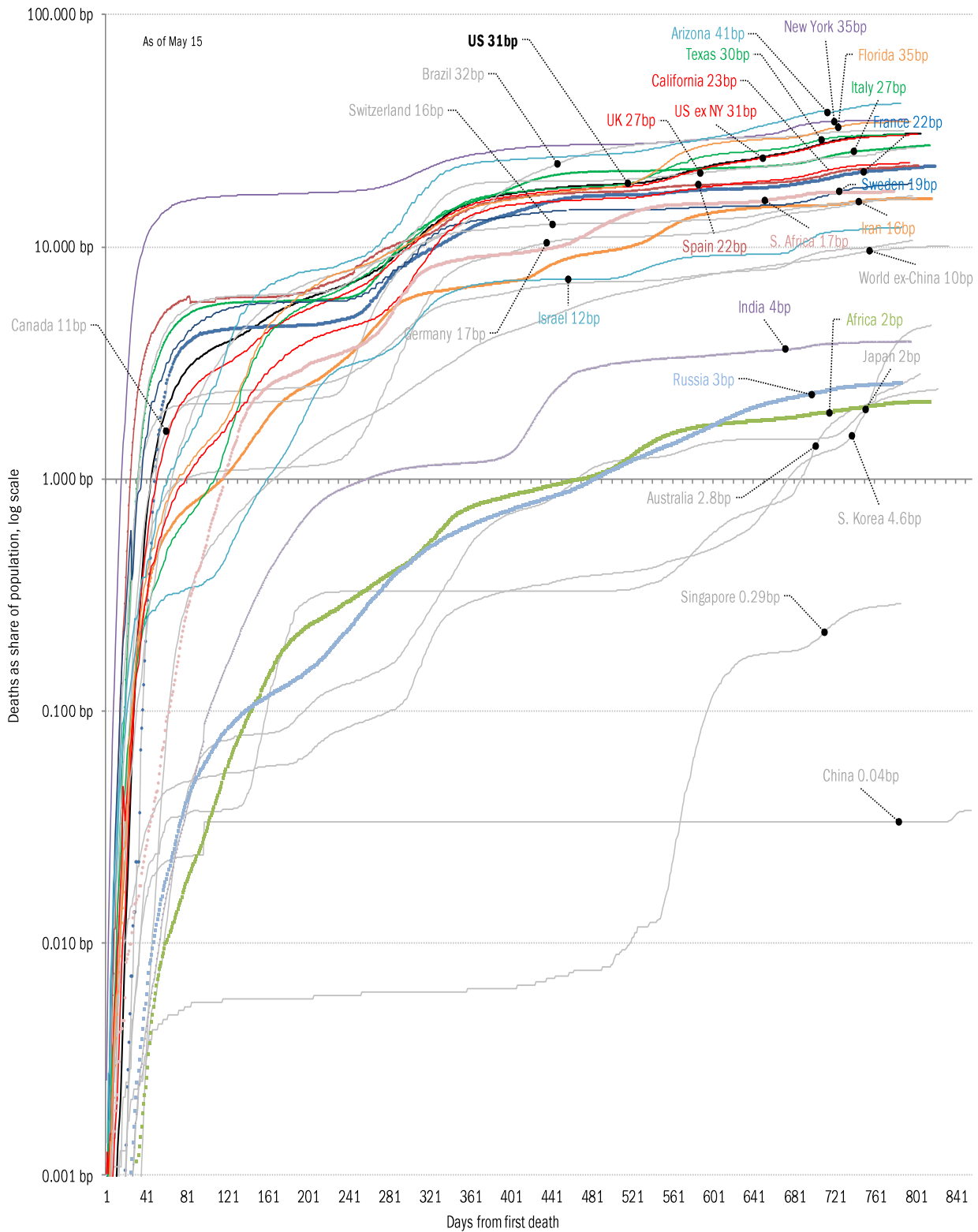
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

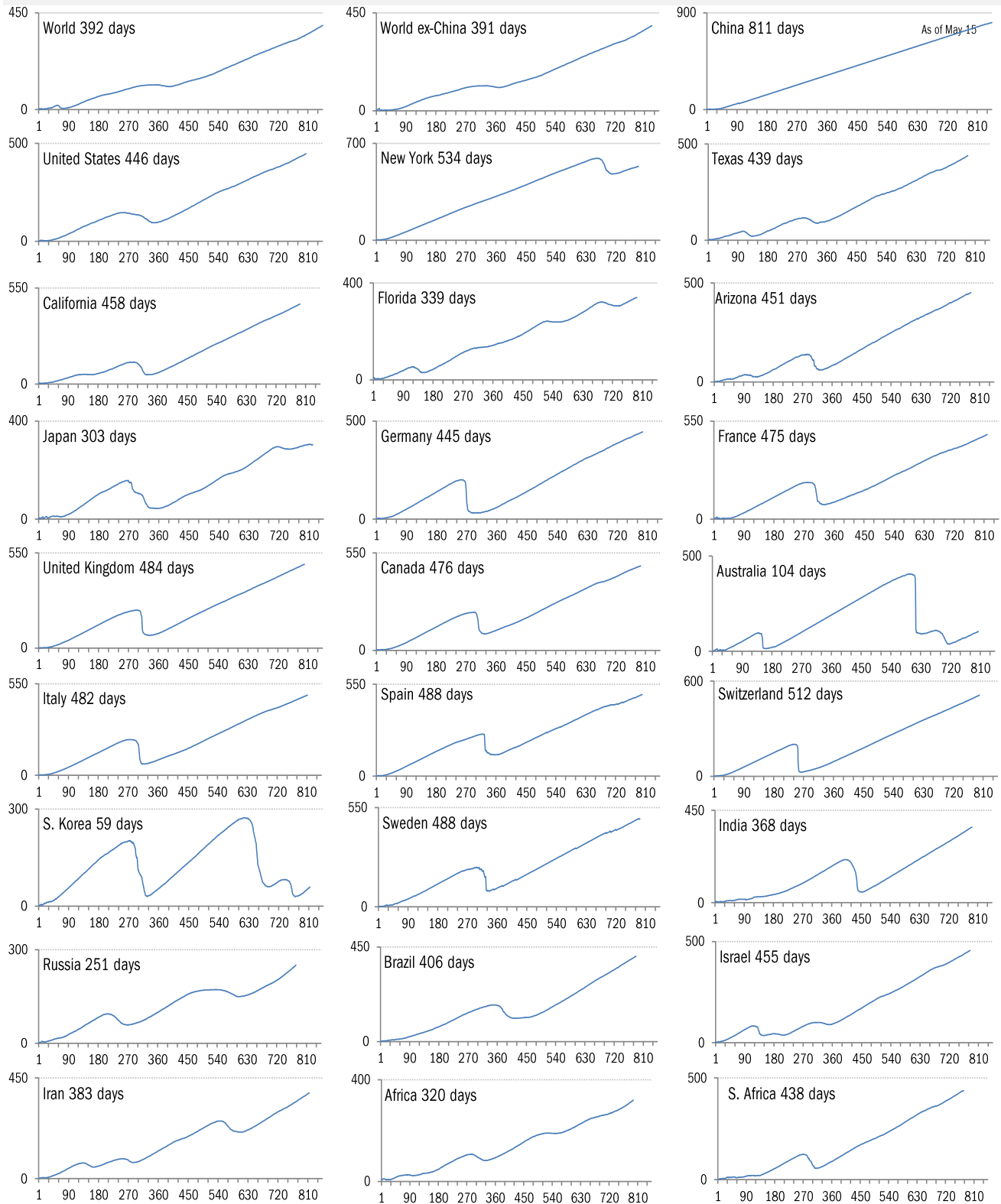


Source: [Johns Hopkins](#), TrendMacro calculations

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

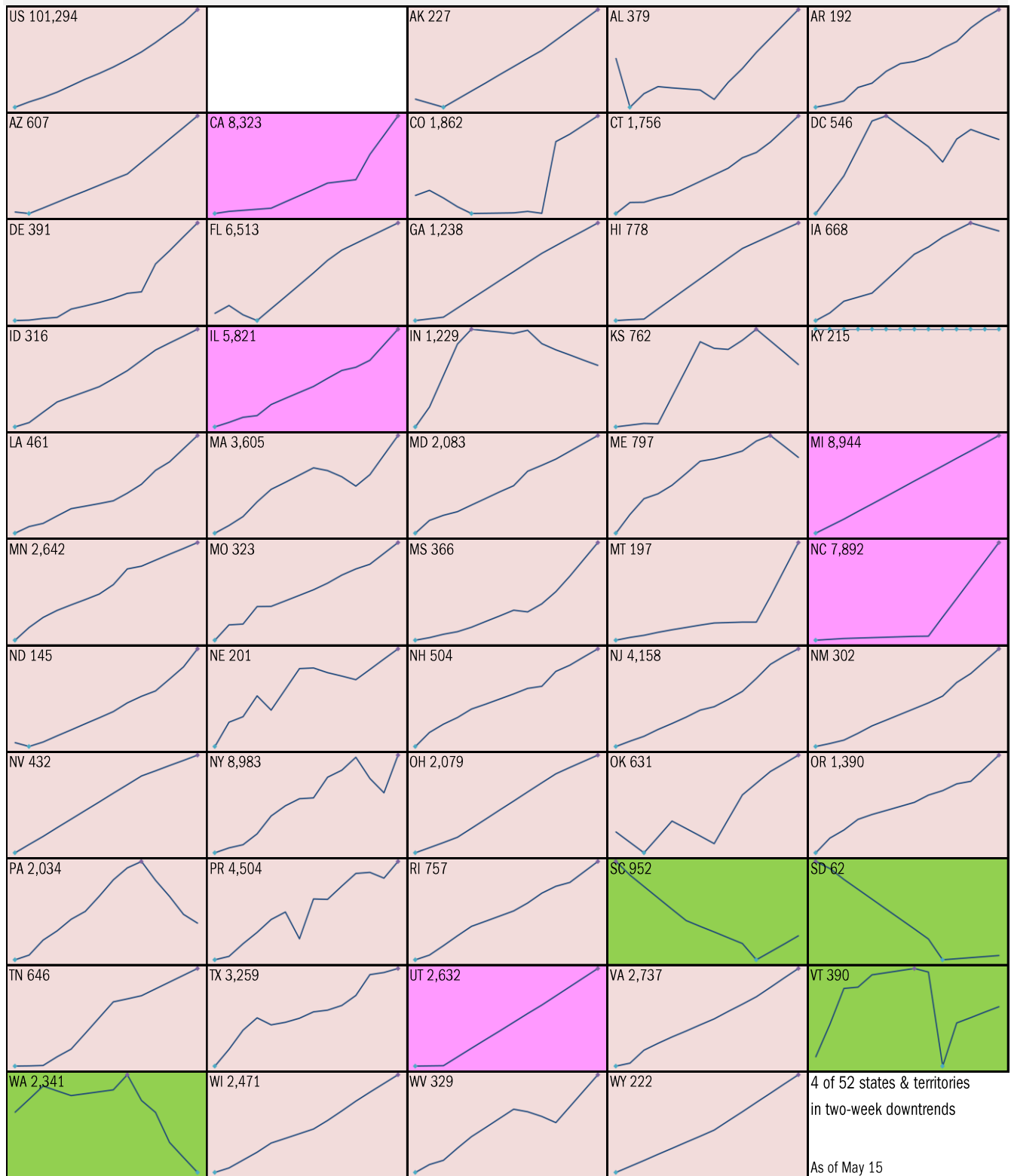


Source: [Johns Hopkins](#), TrendMacro calculations

14-day 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

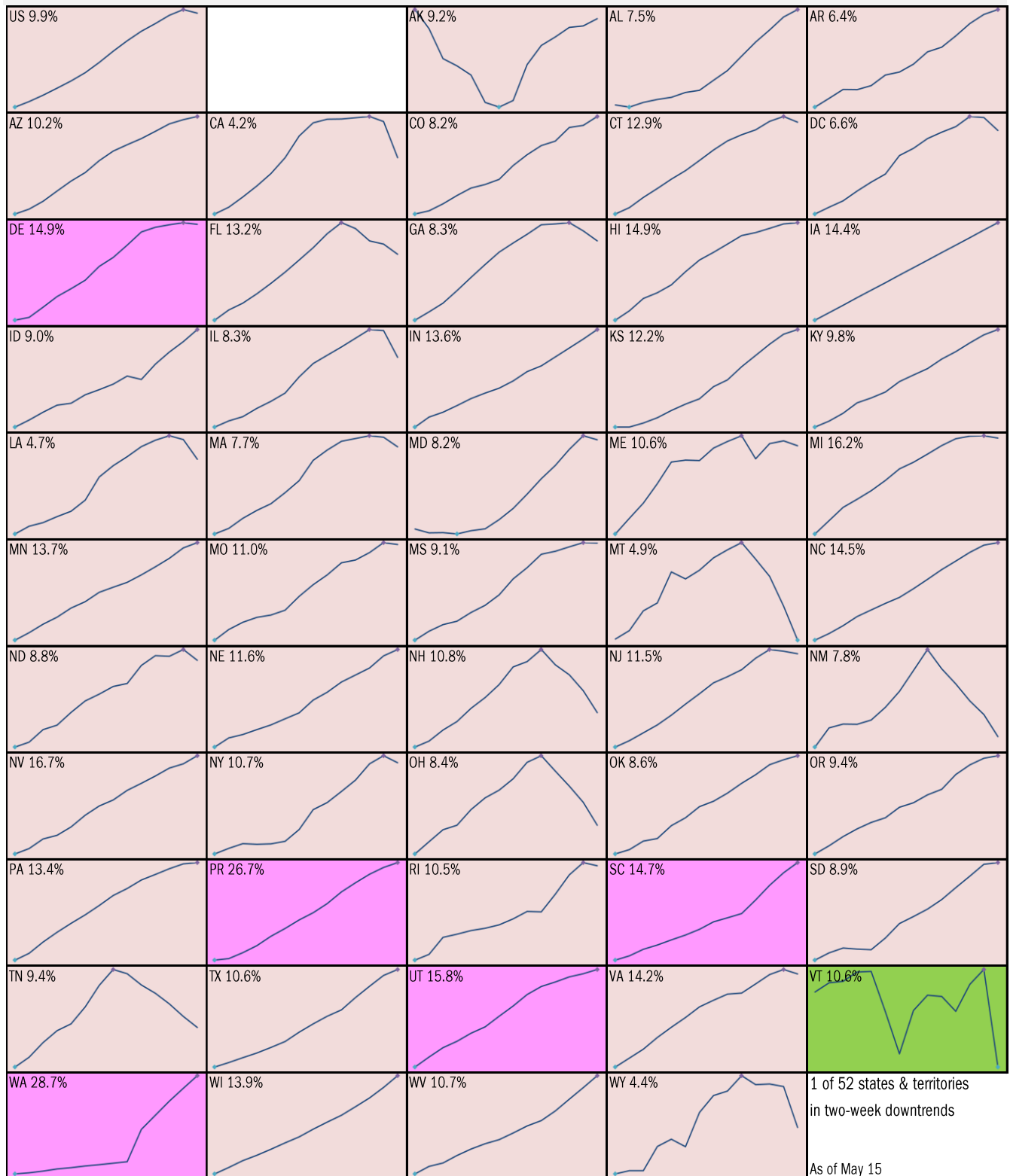


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

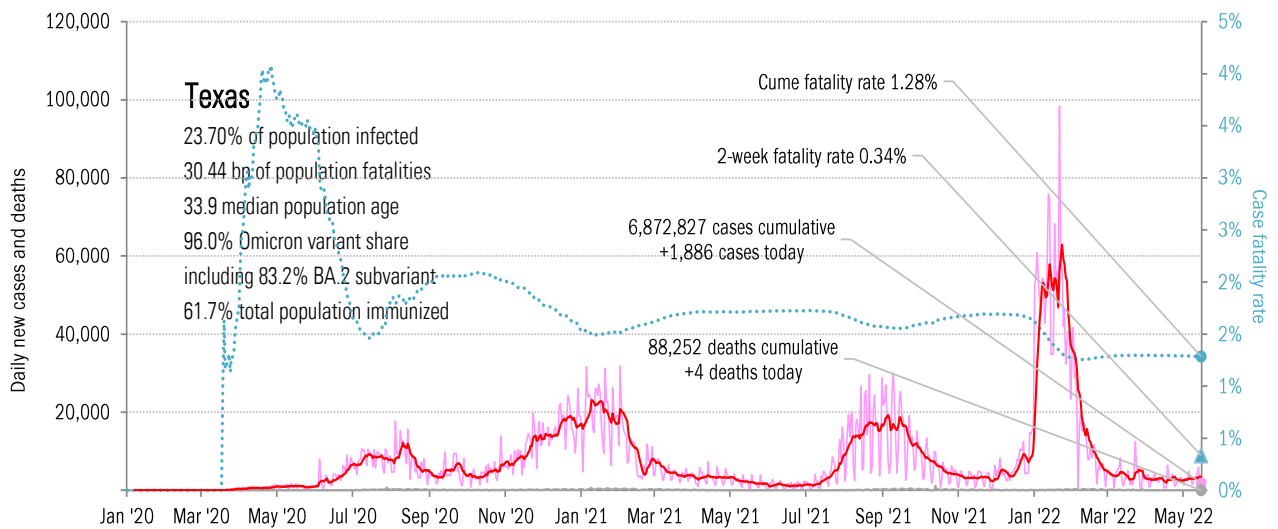
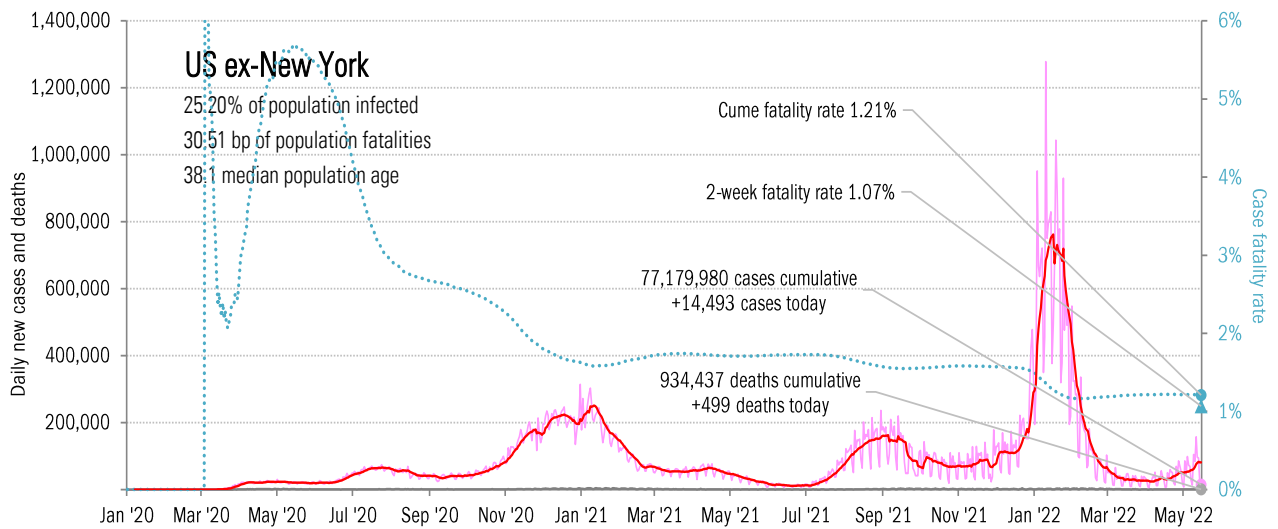
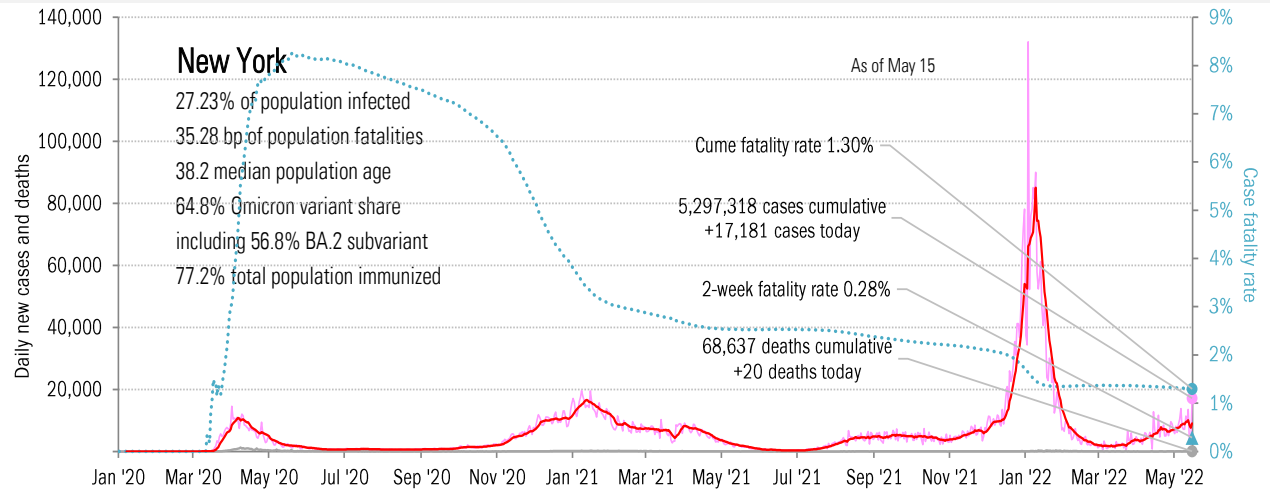
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

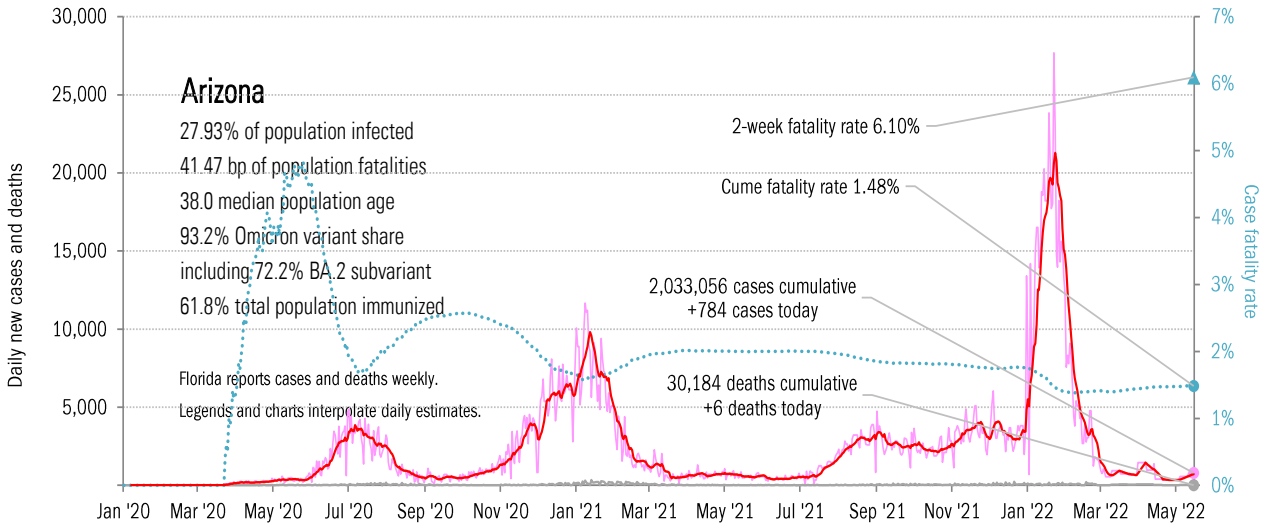
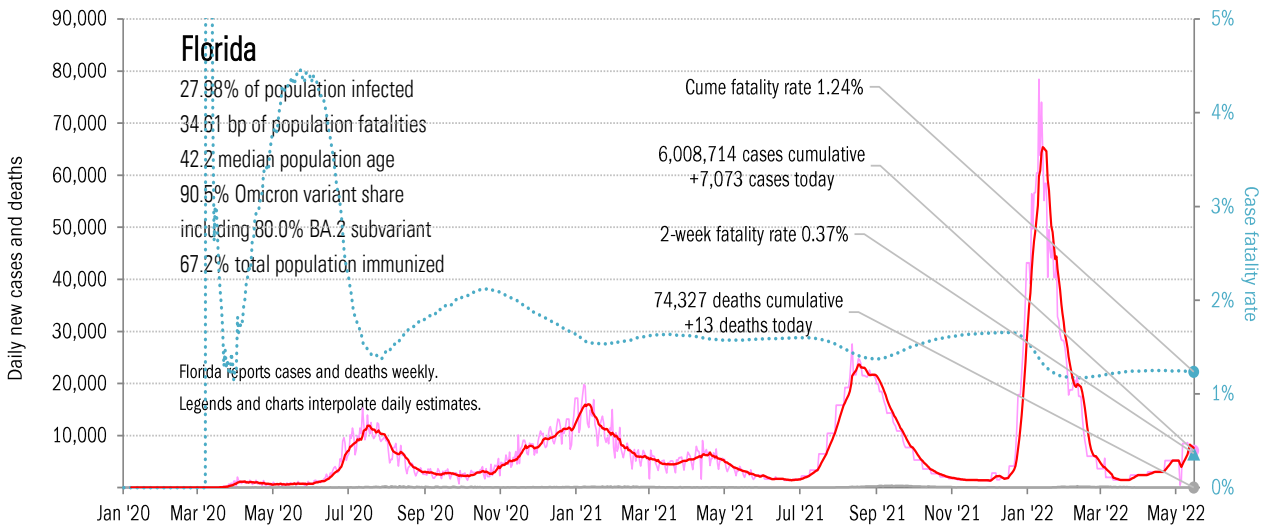
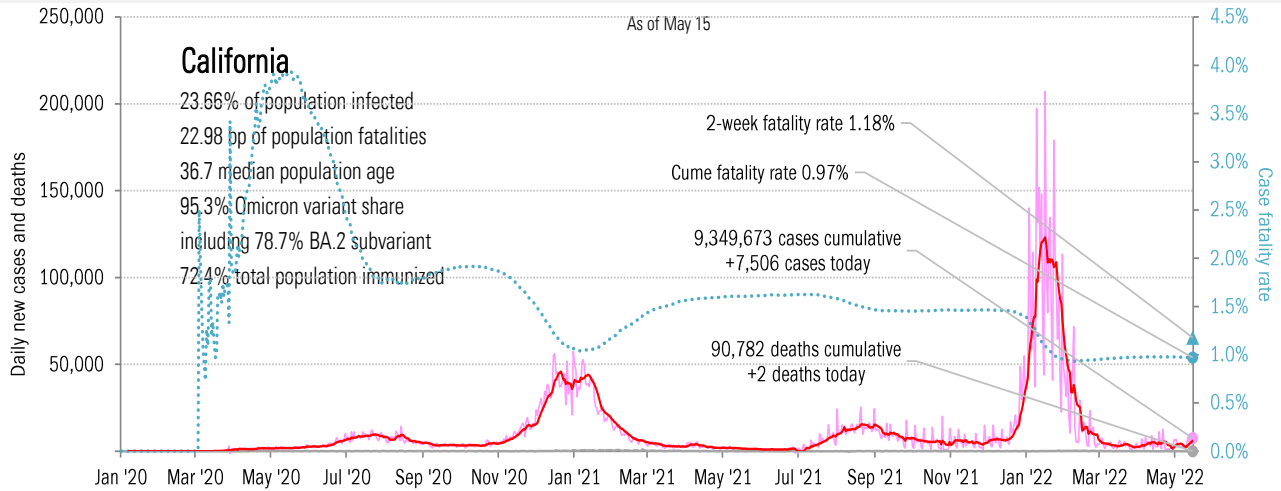
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

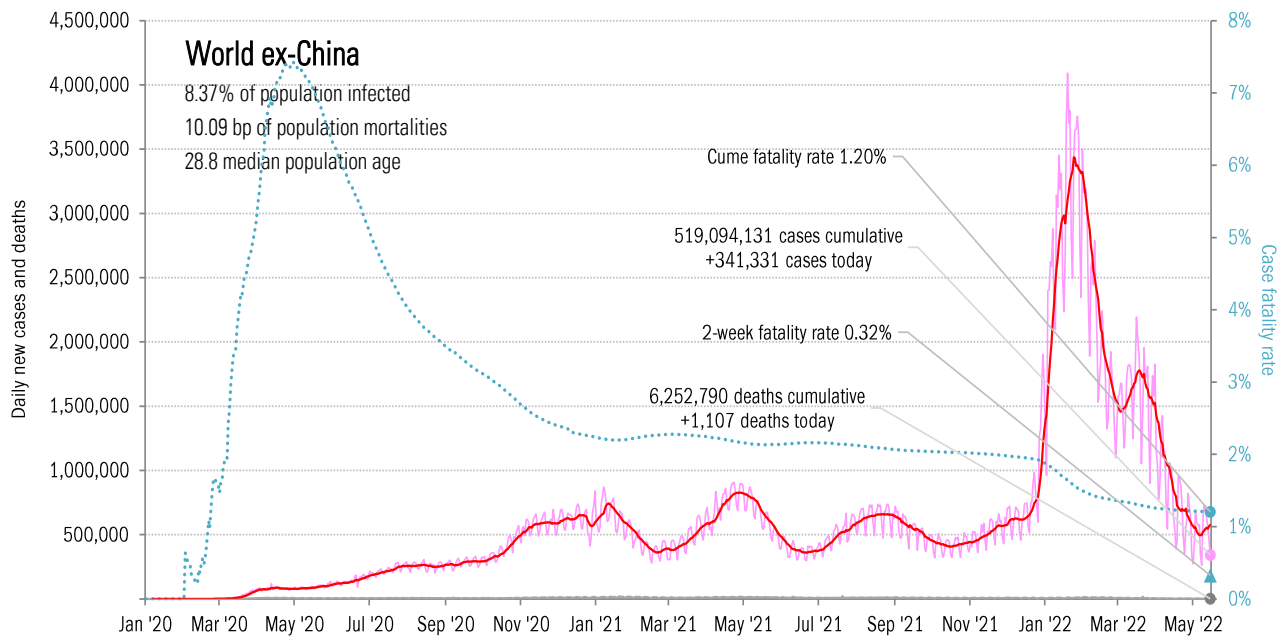
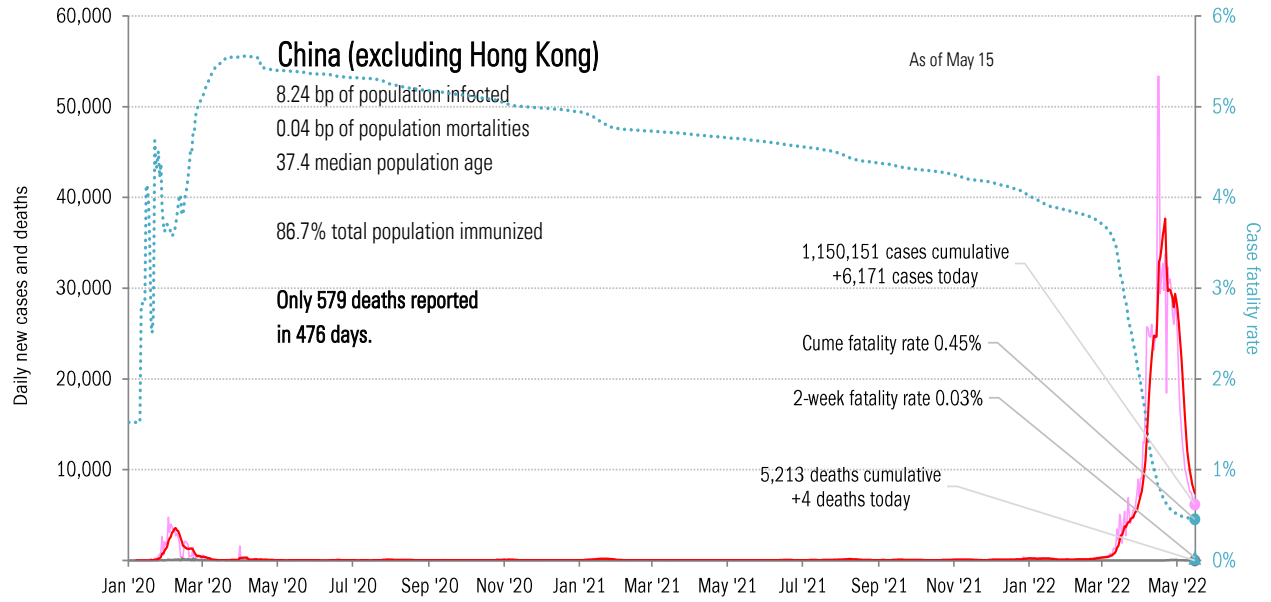
Cases: **7-day average** and **daily** Deaths: Daily



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

Patient zero... and then everyone else

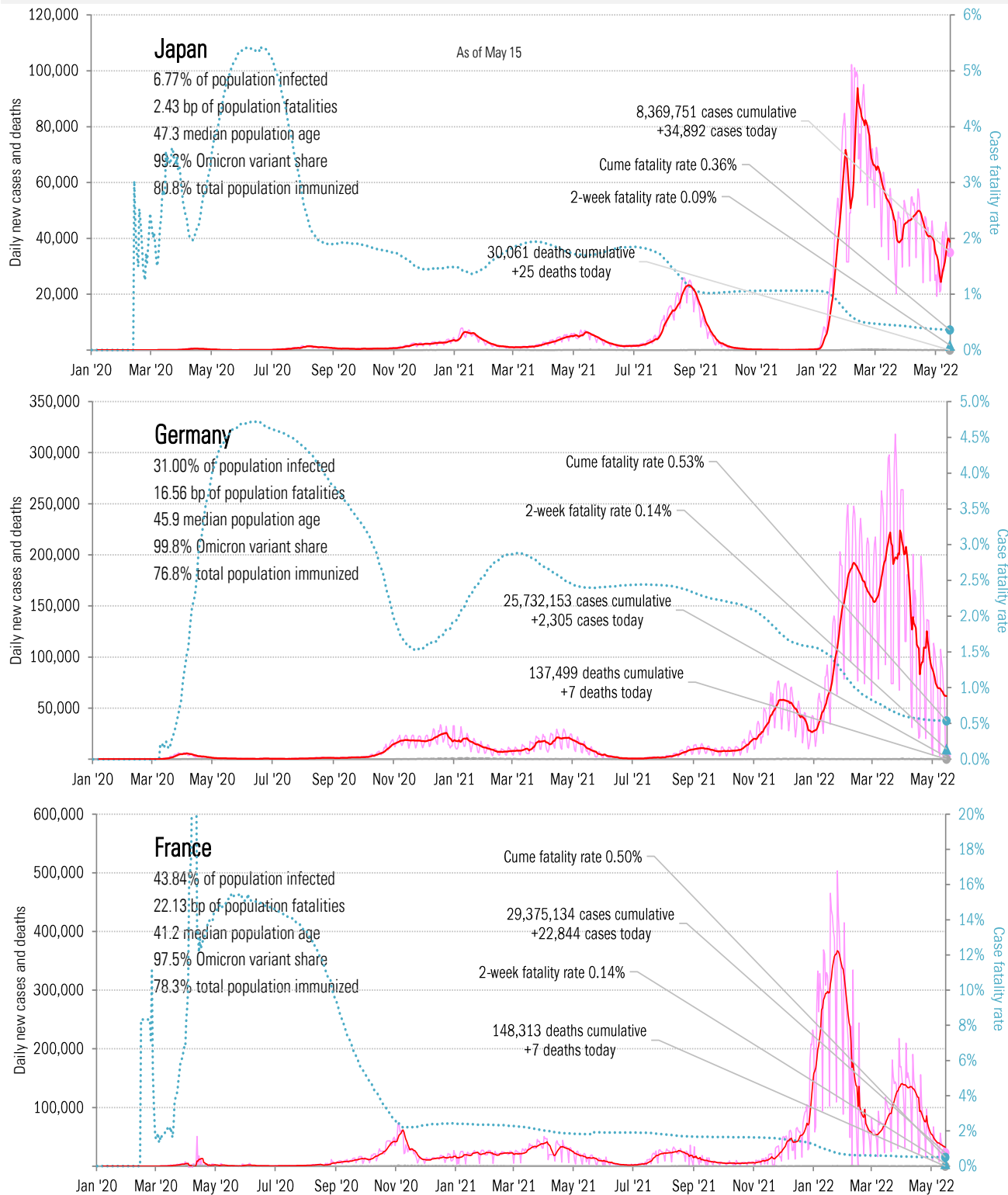
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

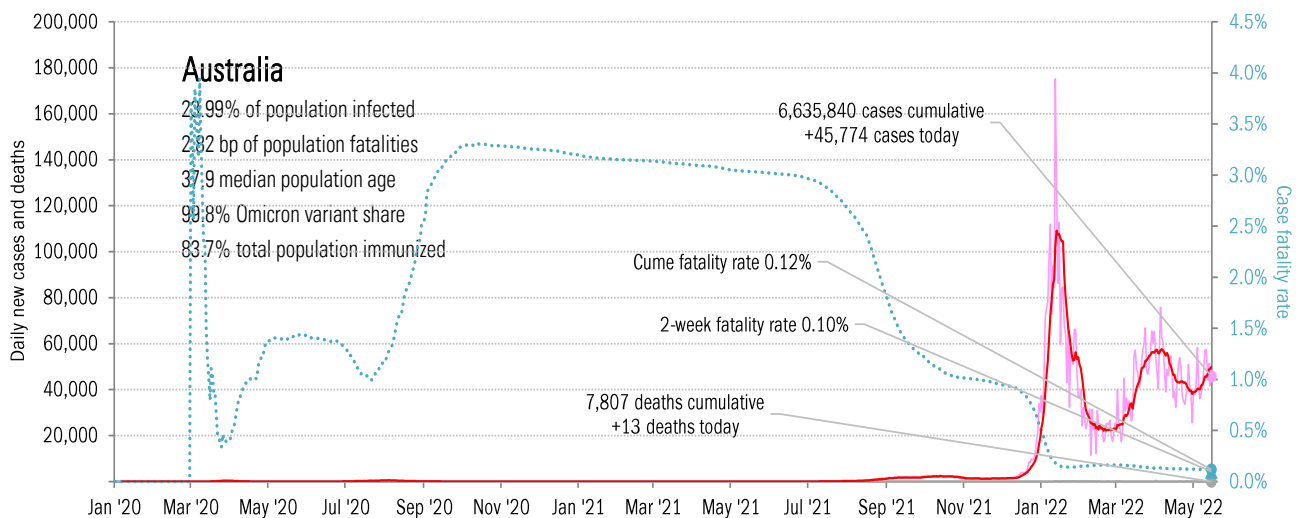
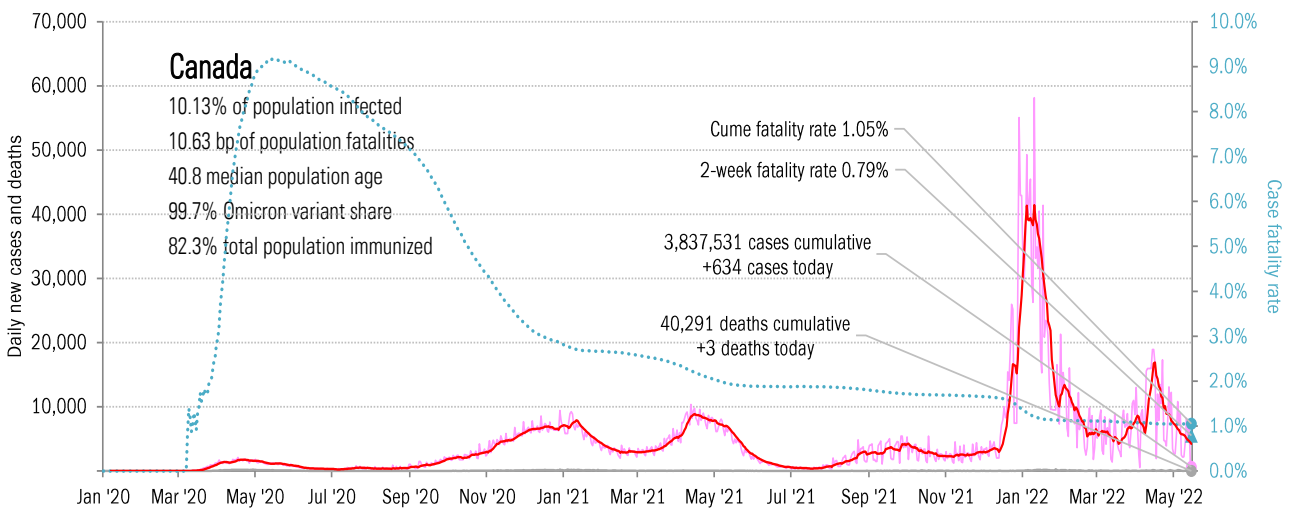
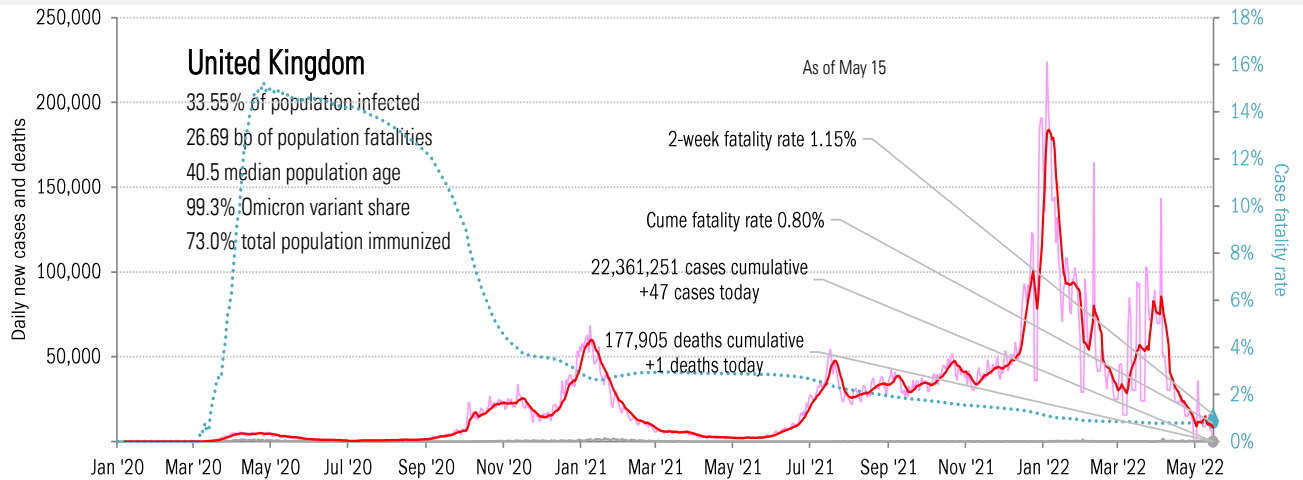
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

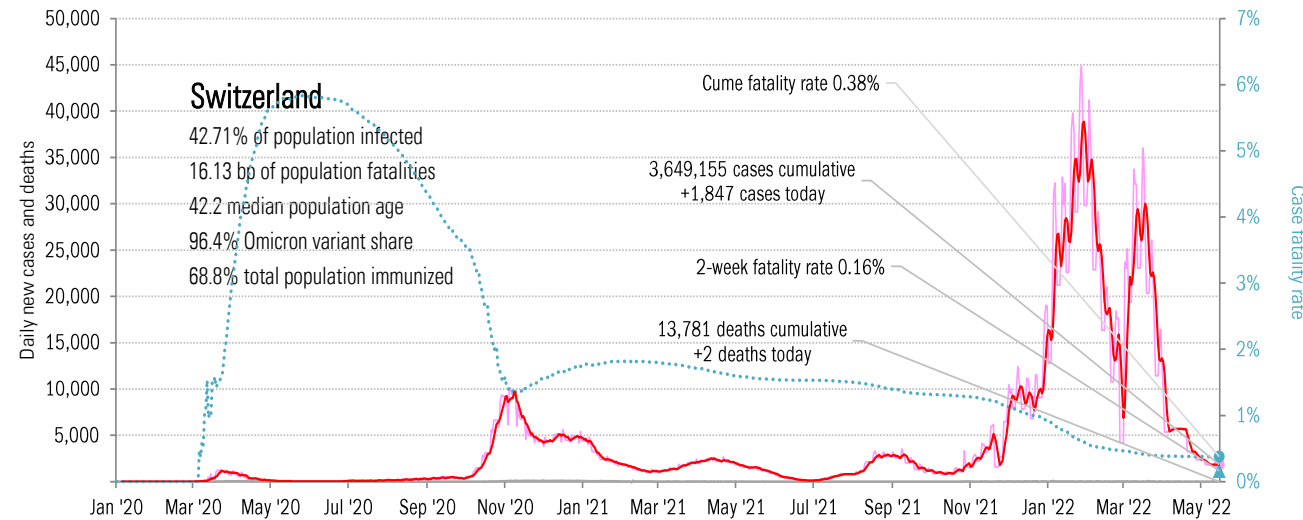
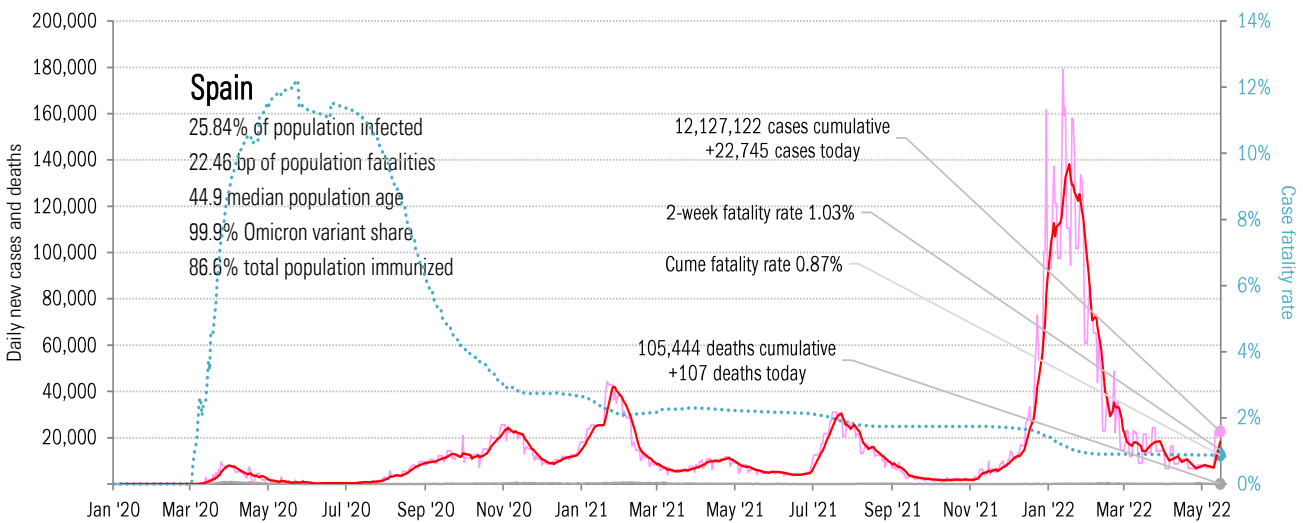
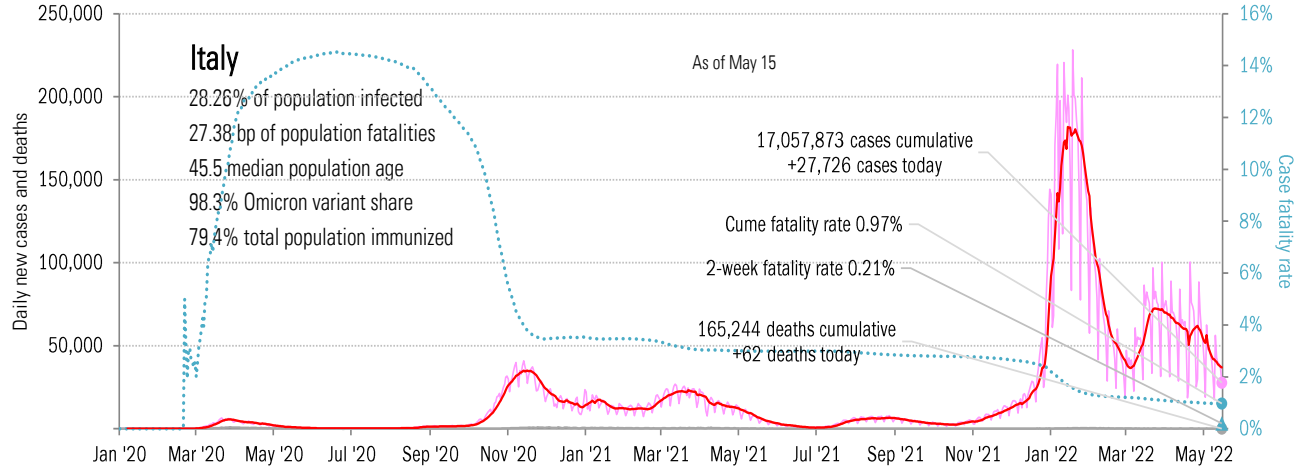
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

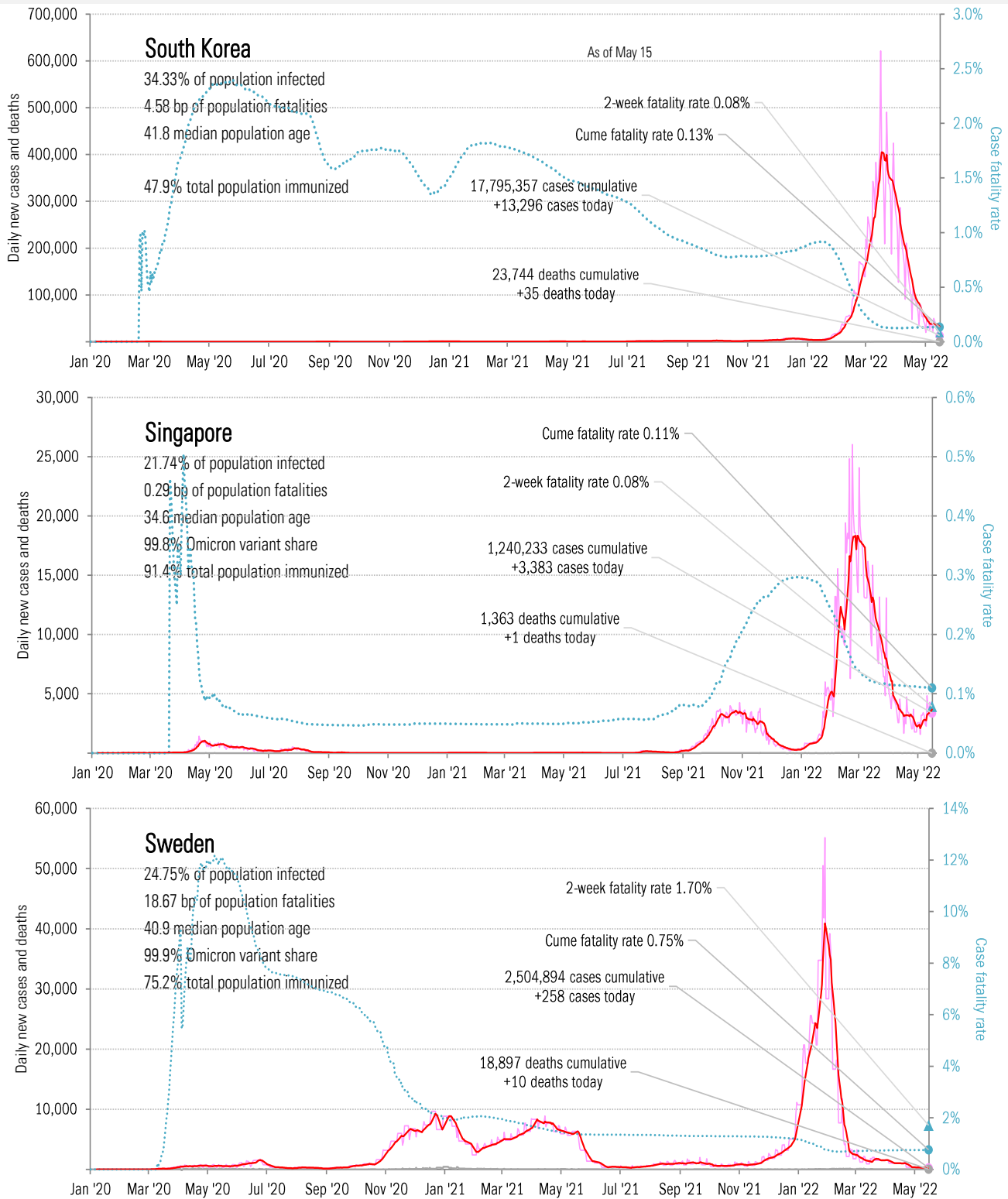
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

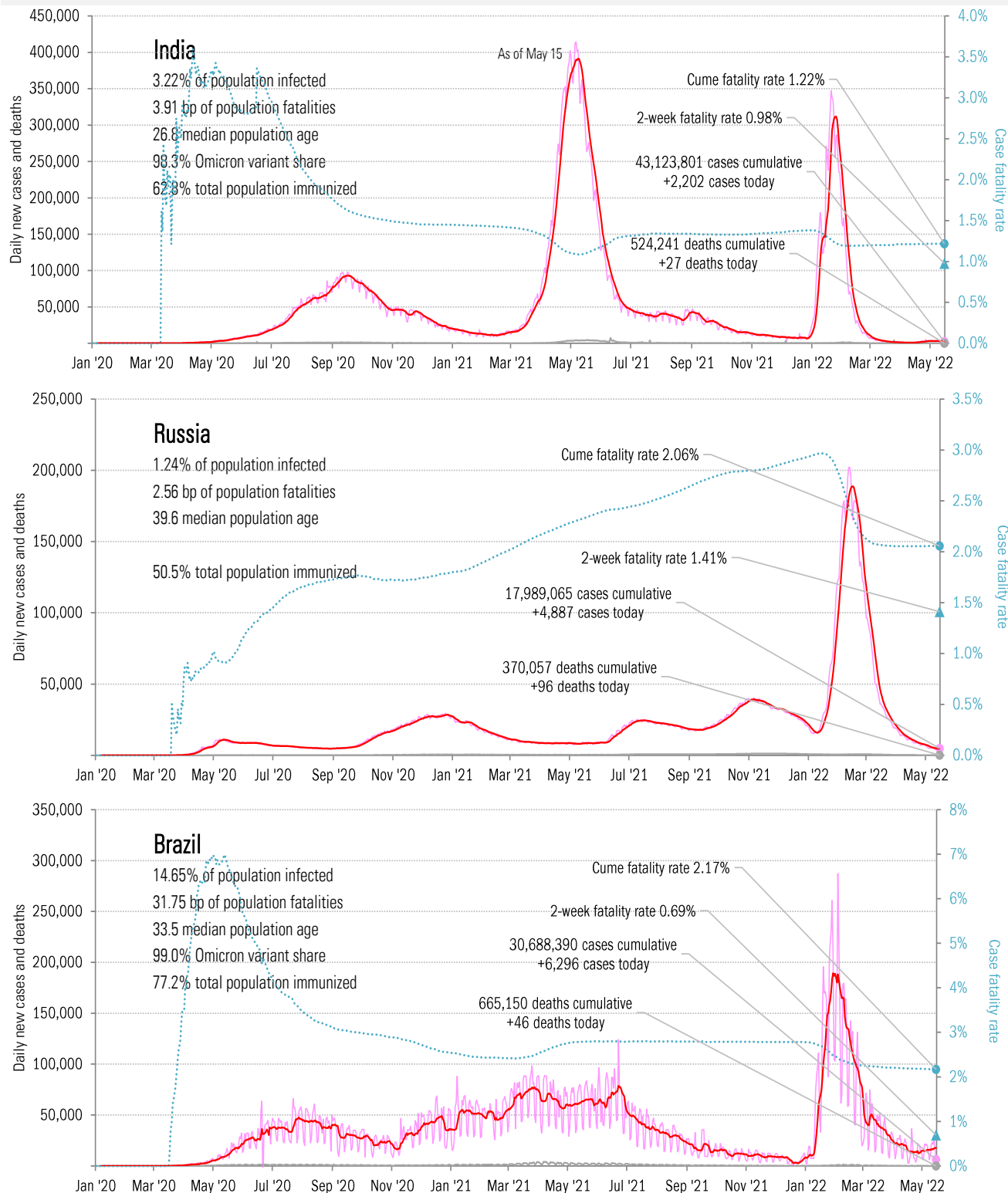
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

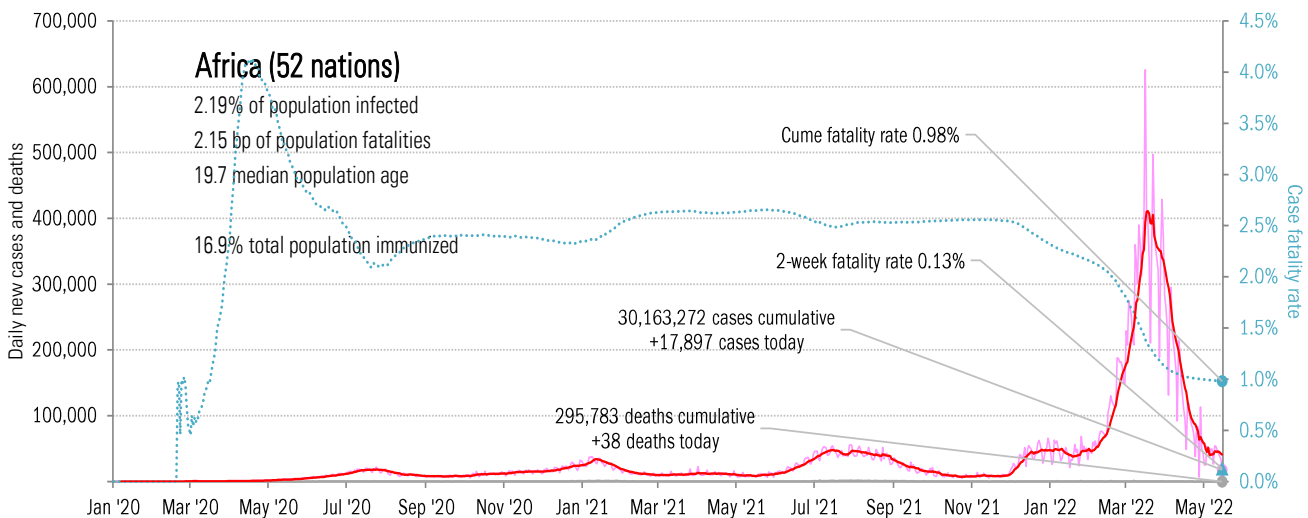
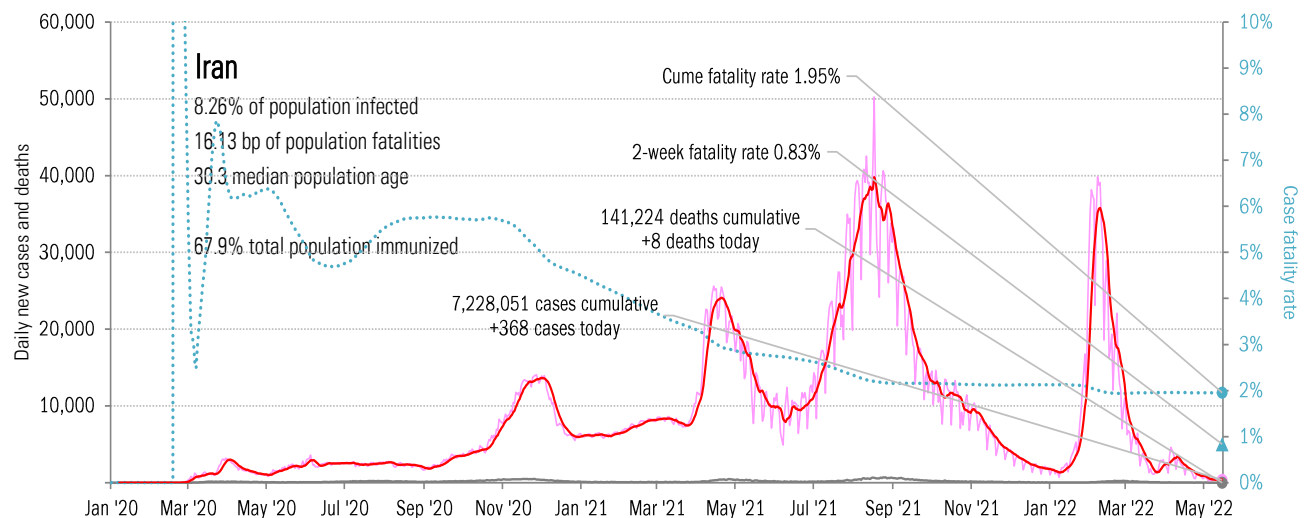
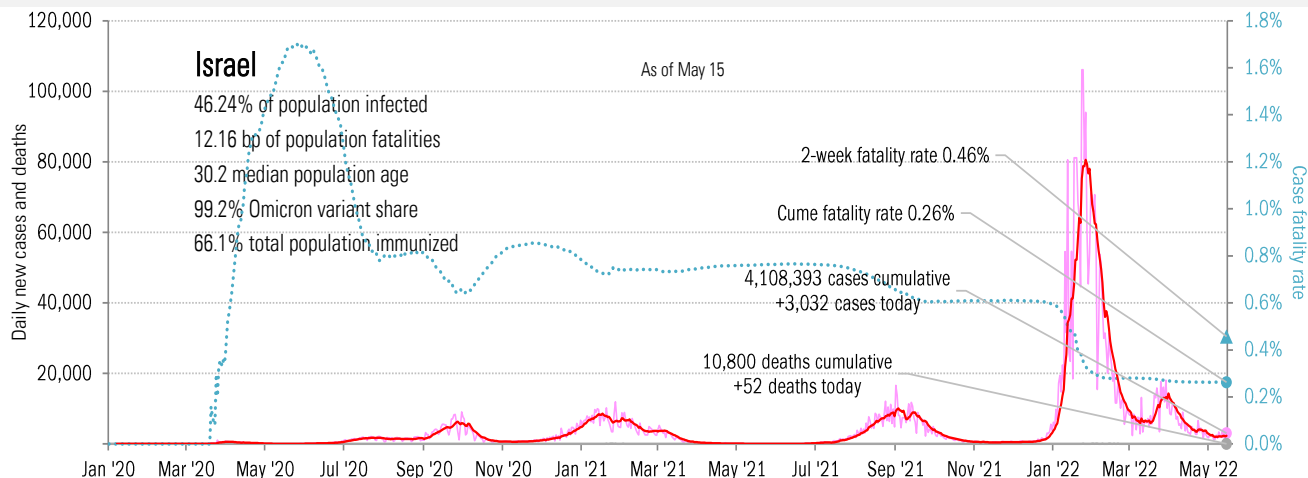
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

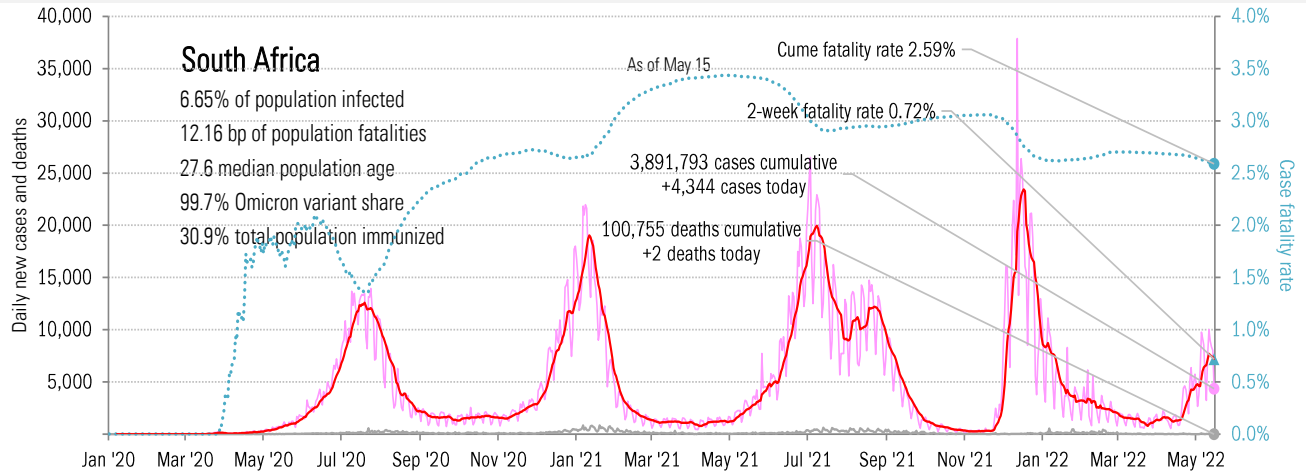
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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