

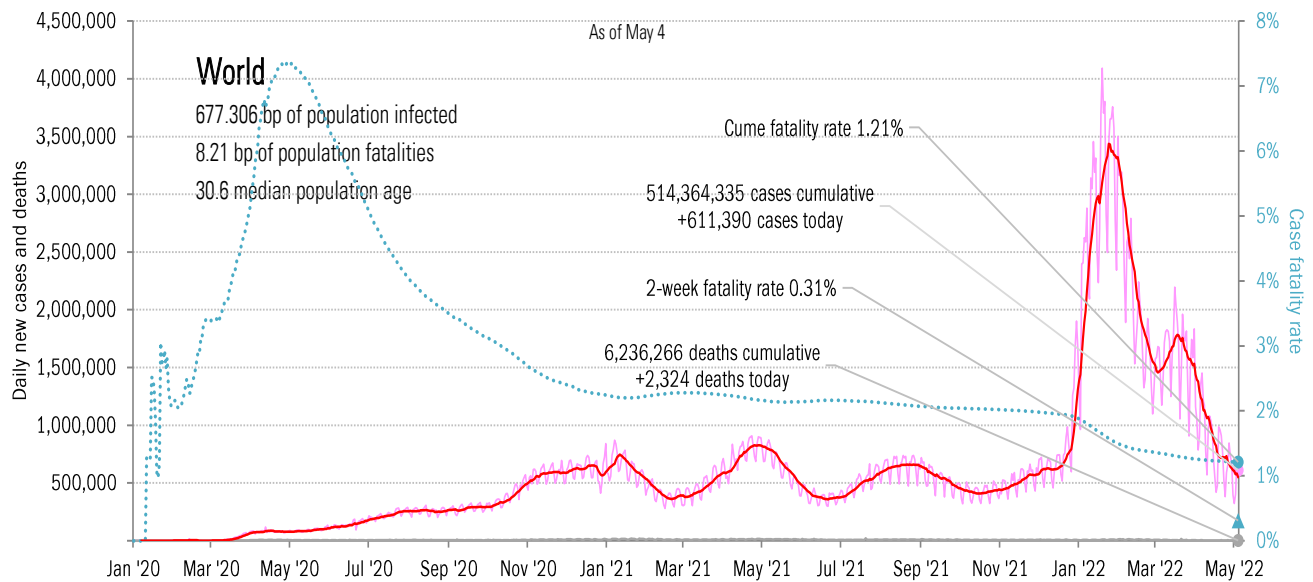
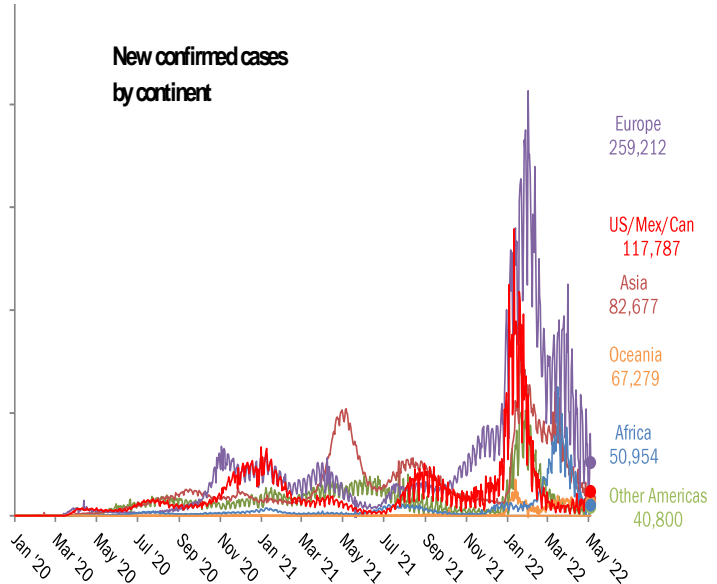
Data Insights: Covid-2019 Monitor

Thursday, May 5, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	106,989	United States	314
Germany	96,167	United Kingdom	229
Australia	58,258	Spain	212
France	48,080	Germany	183
Italy	47,643	Italy	152
Korea, South	42,277	Canada	138
Taiwan*	28,476	Russia	124
Japan	26,414	France	114
Brazil	20,072	Korea, South	79
United Kingdom	18,135	Norway	74
492,511		1,619	
World	611,390	World	2,324
Top ten	81%	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

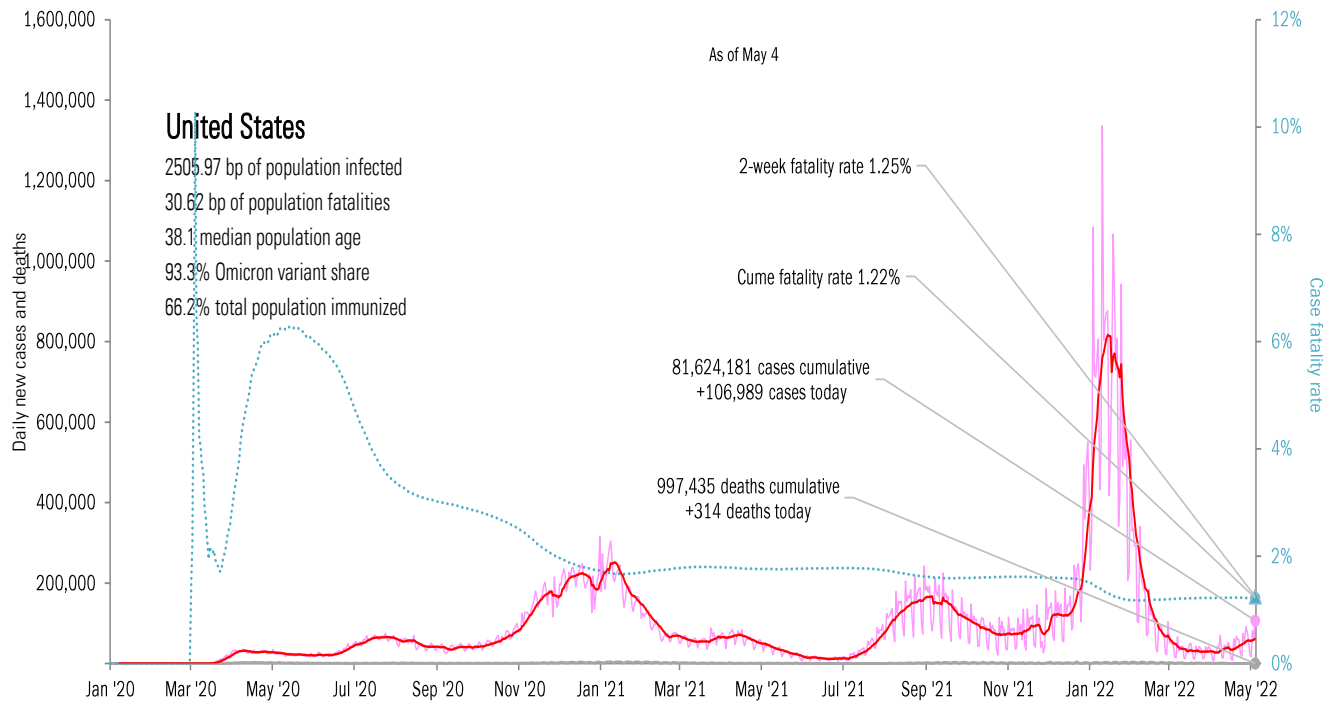
New cases			New deaths		New in hospital		Curre cases			Curre deaths			Curre in hospital		Hospital use		ICU use	
MI	18,945		NC	1,172	NY	343	CA	9,264,611	CA	90,471	TX	490,568	RI	92%	RI	85%		
NC	14,071		GA	163	MI	135	TX	6,836,107	TX	88,136	CA	427,351	MA	84%	KY	82%		
NY	8,625				WA	69	FL	5,949,636	FL	74,149	FL	417,708	MN	84%	AL	82%		
GA	6,525				CO	50	NY	5,196,774	NY	68,405	NY	252,323	WA	83%	NM	81%		
IL	5,748				FL	203	IL	3,157,458	PA	44,733	GA	207,842	GA	83%	TX	80%		
H	4,249				MD	48	PA	2,827,882	CH	38,428	CH	192,243	PA	81%	WA	80%		
FR	4,240				NJ	102	CH	2,697,058	GA	37,969	PA	177,675	WV	80%	MA	80%		
TN	3,566				UT	23	NC	2,673,326	IL	36,076	IL	158,991	MI	80%	DC	78%		
MA	3,480		NY	18	DE	18	GA	2,521,664	MI	36,064	MI	143,124	DC	80%	MI	77%		
NJ	3,401		WI	18	VI	51	MI	2,444,891	NJ	33,467	KY	133,309	MO	80%	DE	77%		
72,850			1,563		1,042		43,569,407			547,898			2,601,134					
All states	106,989		314		2,466		All states	81,624,181	997,435			4,723,049		All states	70%	67%		
Top ten	68%		498%		42%		Top ten	53%	55%			55%		Median	74%	72%		

US state fatality data distorted today due to revisions.

Some states not reporting

Five most improved US states

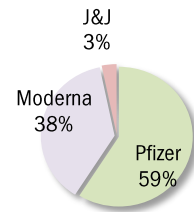
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CA	-16,426	CO	-304	CH	-175	SC	+30 bp
FL	-5,924	FL	-112	IL	-62	CO	+10 bp
AZ	-3,141	SC	-82	CT	-34	DE	+10 bp
SC	-3,073	CA	-73	PA	-31	GA	+10 bp
WA	-2,220	MO	-14	MA	-30	IA	+10 bp



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	592,598,775		+0.188 million	US	66.2%	77.7%
Boosters	102,205,890		+0.036 million	UK	72.9%	78.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	265,658,662	80%	226,205,319	68%	+0.027 million	France 78.2% 80.6%
Age 12 to 17	17,734,368	70%	15,124,992	60%	+0.002 million	Spain 86.5% 88.1%
Age 18 to 64	178,646,376	88%	151,529,505	74%	+0.014 million	Germany 76.8% 76.9%
Age 65 and over	58,953,248	100%	51,235,030	94%	+0.008 million	Italy 79.4% 84.1%
						Australia 83.5% 86.4%
						Israel 66.1% 72.2%
						Canada 82.3% 87.3%
						Japan 80.6% 81.9%
						Africa 16.7% 22.1%
						India 61.9% 72.1%
						Brazil 76.8% 85.4%
						China 86.5% 89.0%



AK	69.8%
	62.3%

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

Immunity = two doses

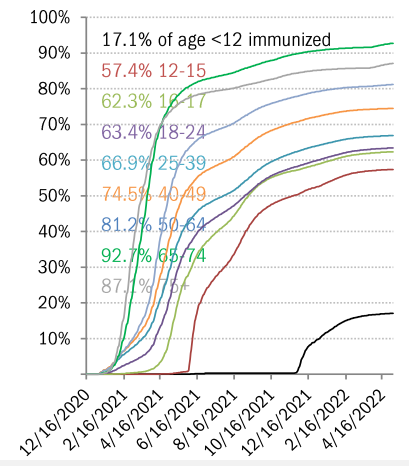
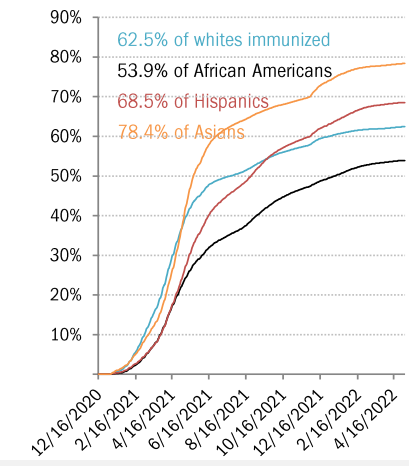
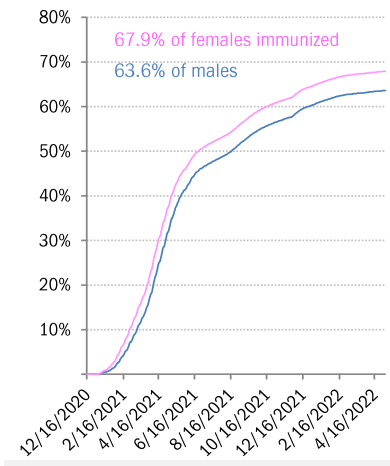
US	66.2%	77.7%
UK	72.9%	78.0%
France	78.2%	80.6%
Spain	86.5%	88.1%
Germany	76.8%	76.9%
Italy	79.4%	84.1%
Australia	83.5%	86.4%
Israel	66.1%	72.2%
Canada	82.3%	87.3%
Japan	80.6%	81.9%
Africa	16.7%	22.1%
India	61.9%	72.1%
Brazil	76.8%	85.4%
China	86.5%	89.0%

Global data differs due to sources, timing

As of May 4

					WI					ME
					71.9%					90.5%
					65.6%					79.6%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
80.8%	61.1%	65.3%	64.9%	75.1%	76.7%	67.0%		90.2%	93.5%	88.2%
72.6%	54.1%	56.8%	54.9%	69.2%	68.8%	60.2%		77.0%	81.2%	70.4%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
77.9%	75.3%	58.8%	76.6%	68.0%	61.5%	63.6%	84.9%	90.4%	95.0%	
69.7%	60.8%	51.6%	61.5%	62.0%	54.8%	58.4%	68.5%	75.7%	79.0%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
83.8%	72.1%	79.4%	70.3%	66.2%	66.2%	65.0%	85.7%	86.5%	95.0%	95.0%
72.1%	64.3%	70.3%	63.6%	56.1%	57.4%	57.6%	73.2%	75.7%	79.2%	82.6%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	73.1%	87.7%	74.5%	66.7%	62.2%	84.3%	67.7%	95.0%	83.2%	
	61.6%	71.1%	61.5%	54.5%	54.5%	61.2%	57.0%	77.6%	69.2%	
			OK	LA	MS	AL	GA			
			71.1%	61.0%	59.6%	62.7%	65.4%			
			57.3%	53.5%	51.8%	51.1%	54.8%			
			TX					FL		PR
			73.2%					79.3%		95.0%
			61.5%					67.0%		83.0%

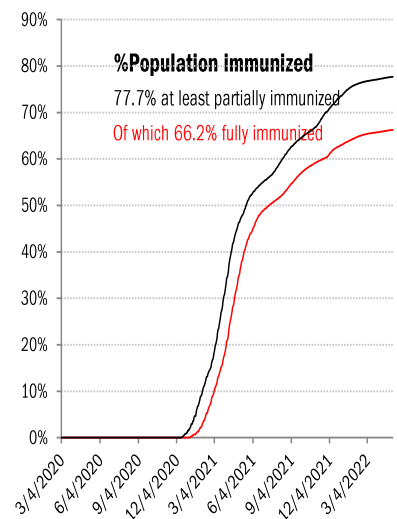
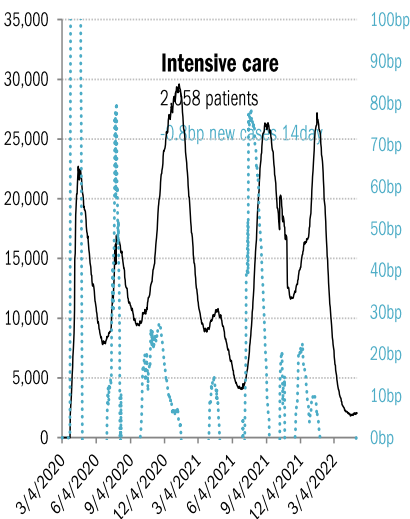
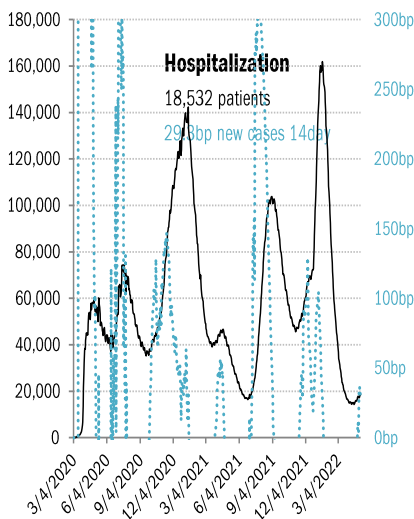
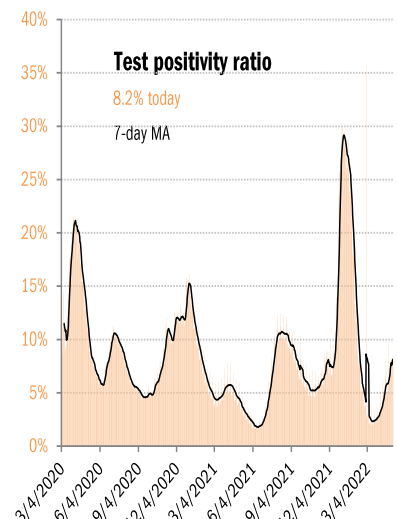
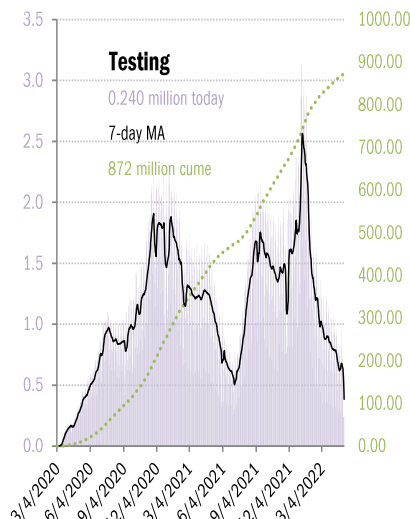
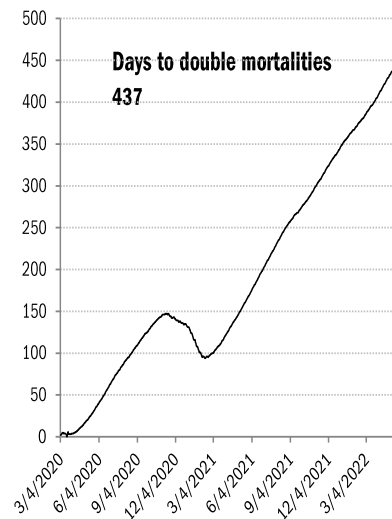
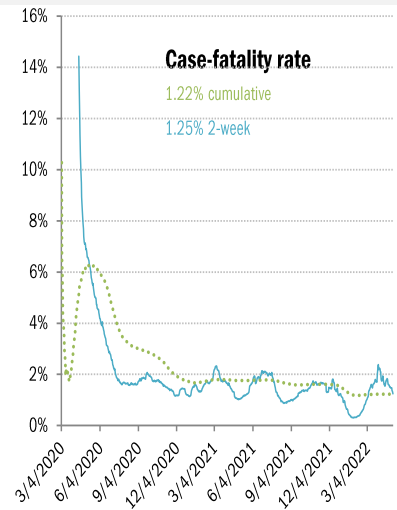
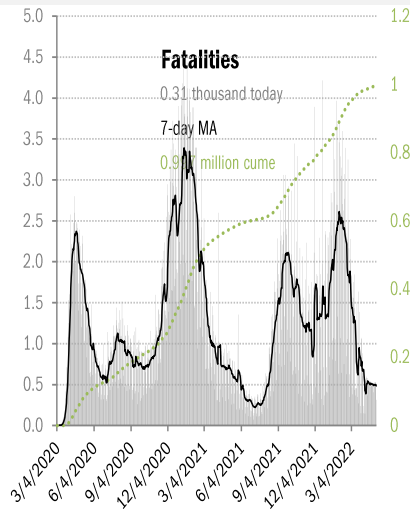
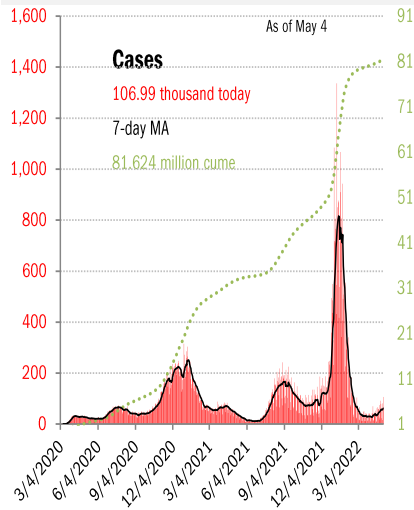
The demographics of US vaccination



Source: CDC, CDC, Our World in Data, TrendMacro calculations

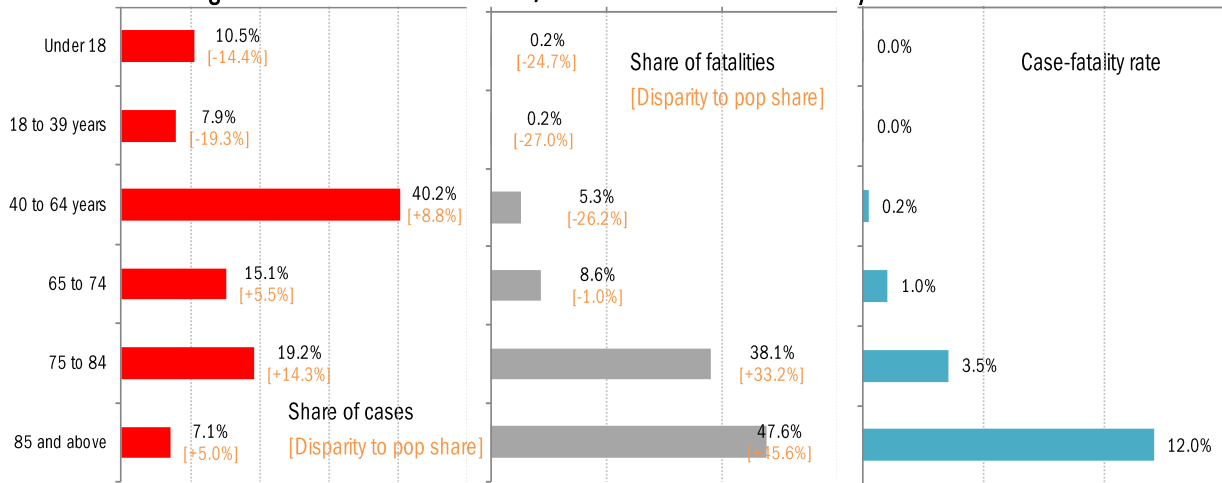
US deep-dive

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

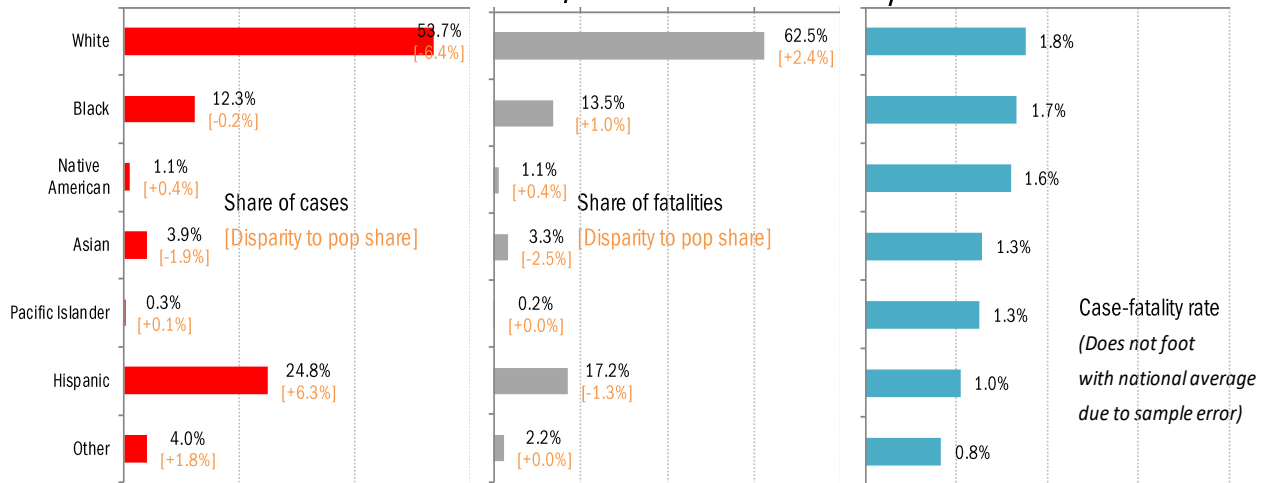


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

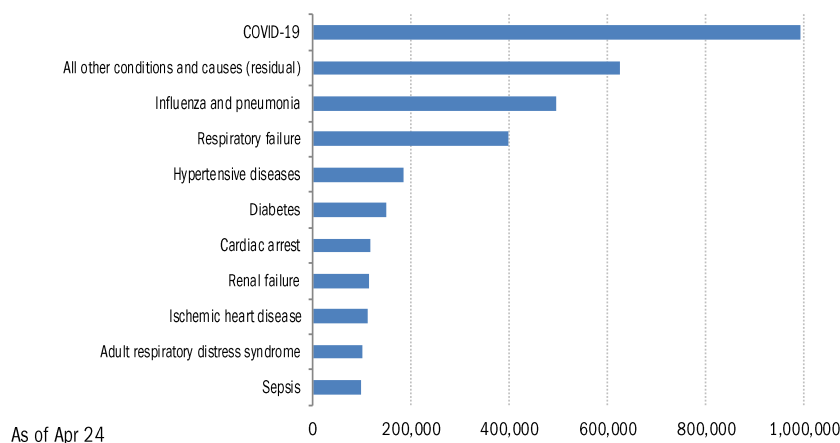


Racial distribution of US cases, fatalities and case-fatality rates



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

[COVID-19 hospital admissions, deaths forecasted to rise in the US for first time in months](#)

Arielle Mitropoulos
ABC
May 4, 2022

[Apple employees refuse office return because it will make company 'whiter, more male-dominated'](#)

Joe Pinkstone
Yahoo! News
May 1, 2022

[A new subvariant is spreading rapidly in the United States.](#)

Isabella Grullón Paz
New York Times
May 4, 2022

[Pfizer accused of Covid profiteering as first-quarter sales hit \\$26bn](#)

Julia Kollewe
The Guardian
May 3, 2022

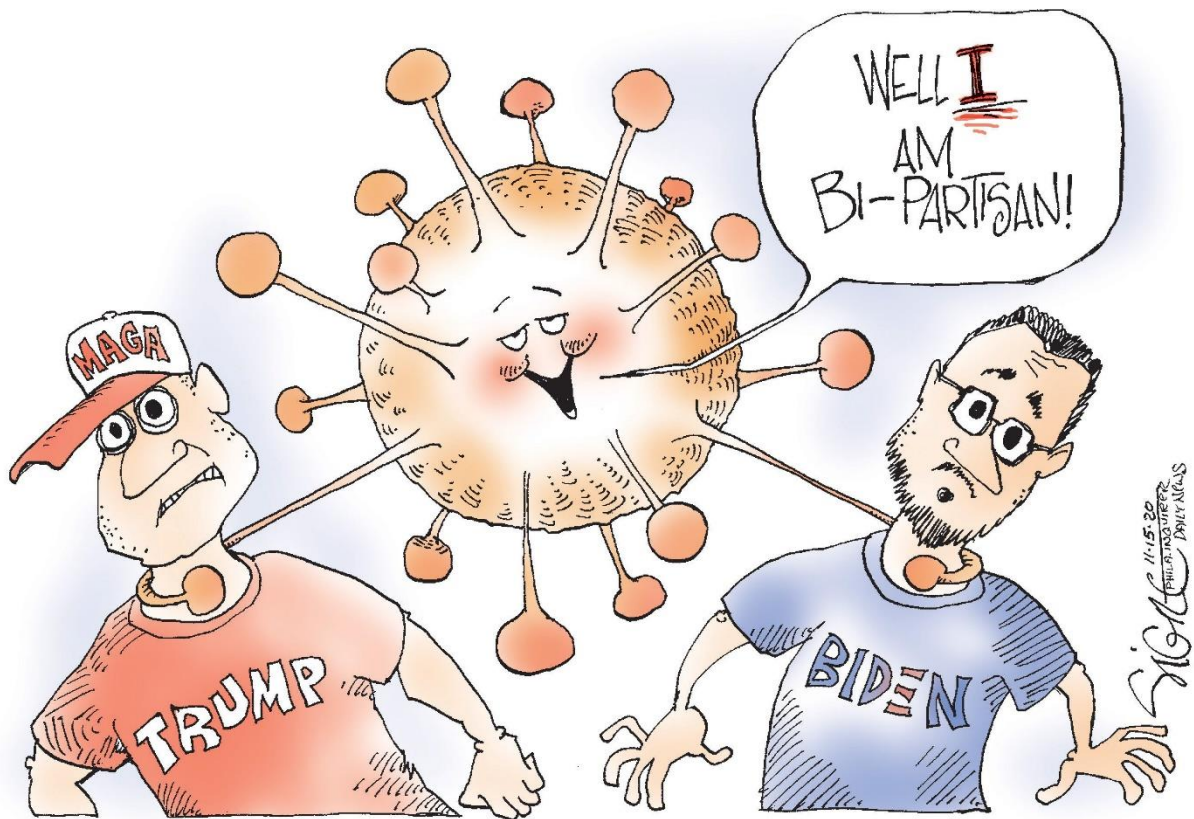
[Antony Blinken tests positive for COVID-19 after WH Correspondents' Dinner](#)

AP
May 4, 2022

[The Vanishing Variants: Lessons from Gamma, Iota and Mu](#)

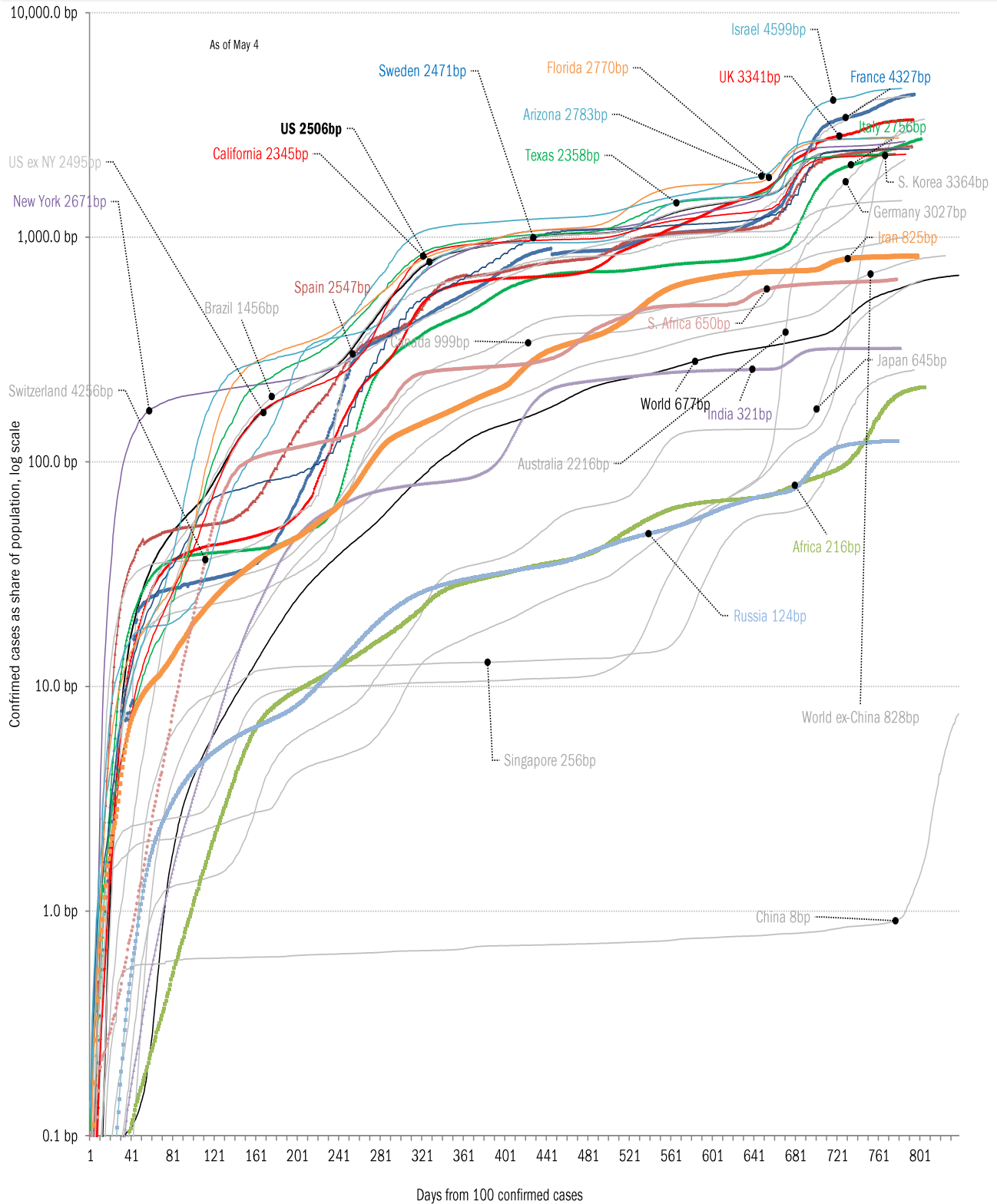
Emily Anthes
New York Times
May 4, 2022

Meme of the day



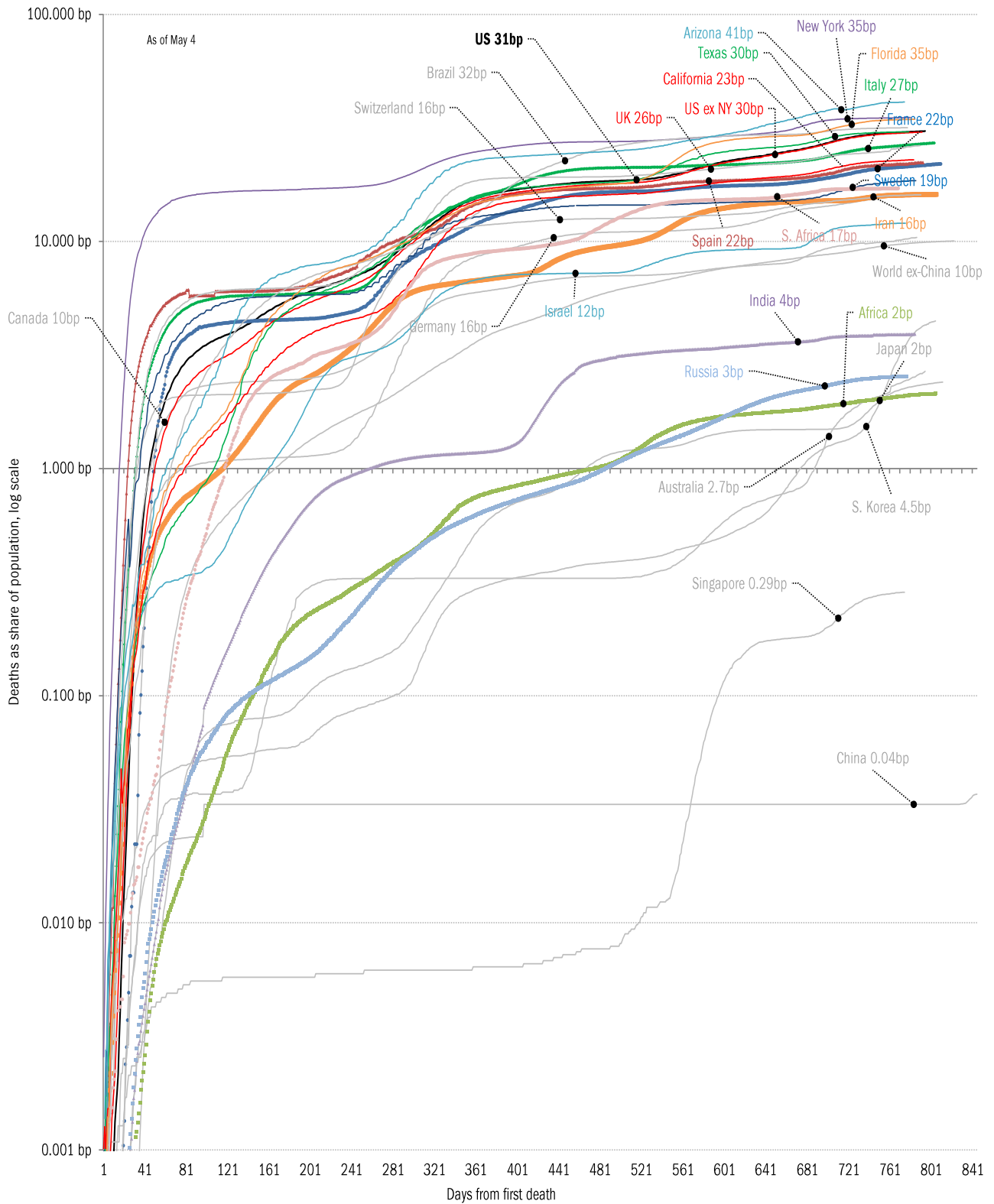
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

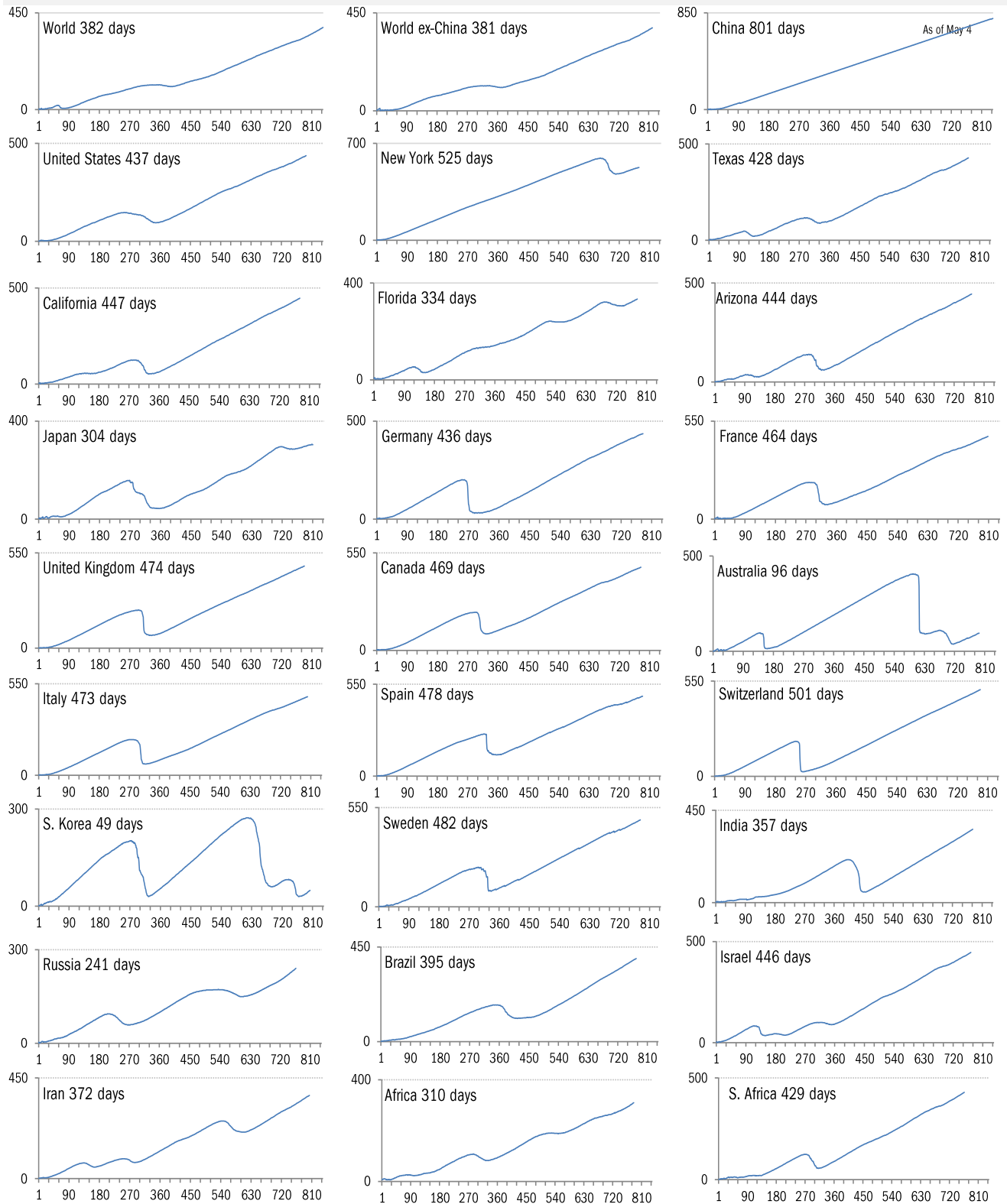


Source: [Johns Hopkins](#), TrendMacro calculations

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

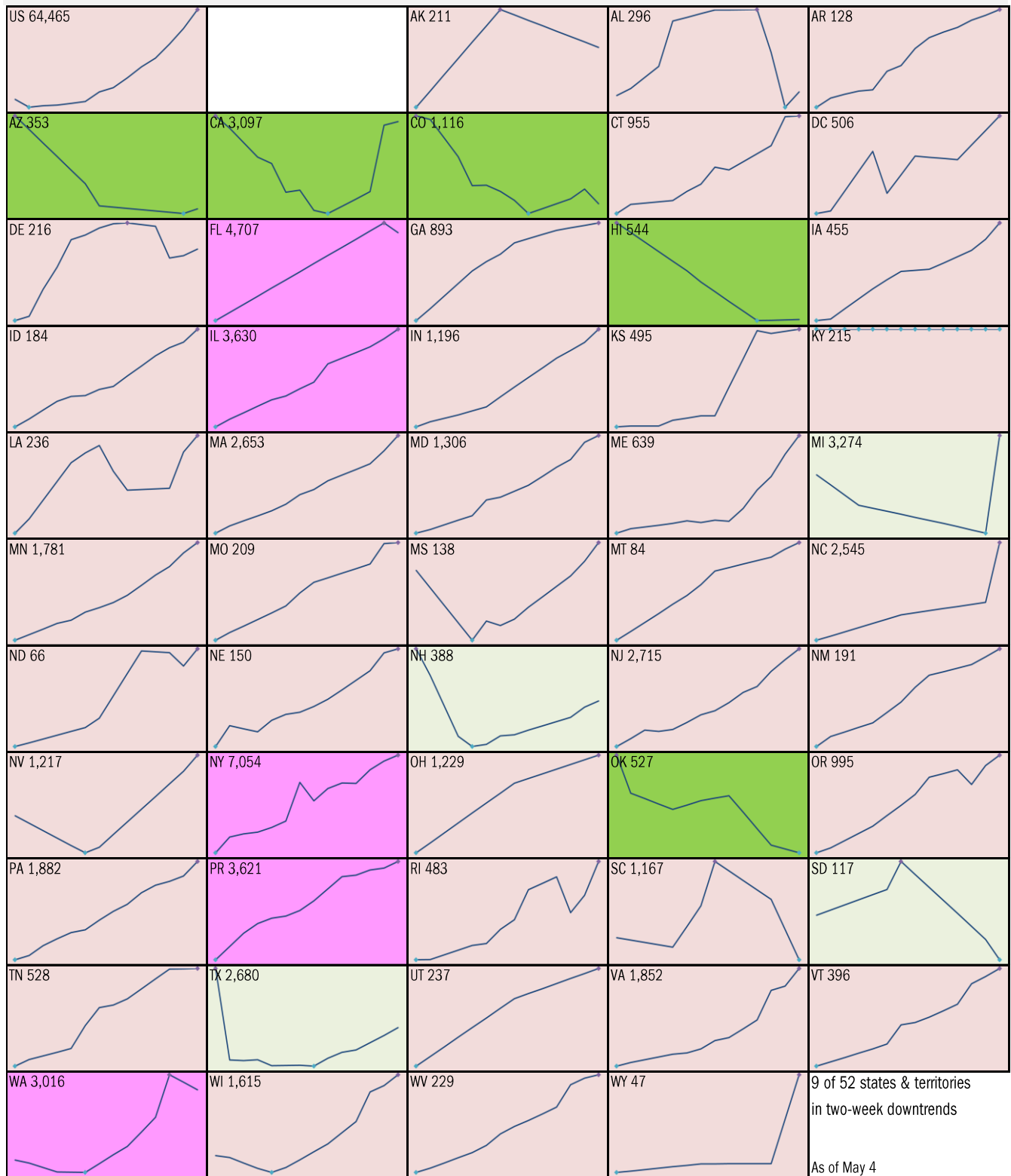


Source: [Johns Hopkins](#), TrendMacro calculations

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

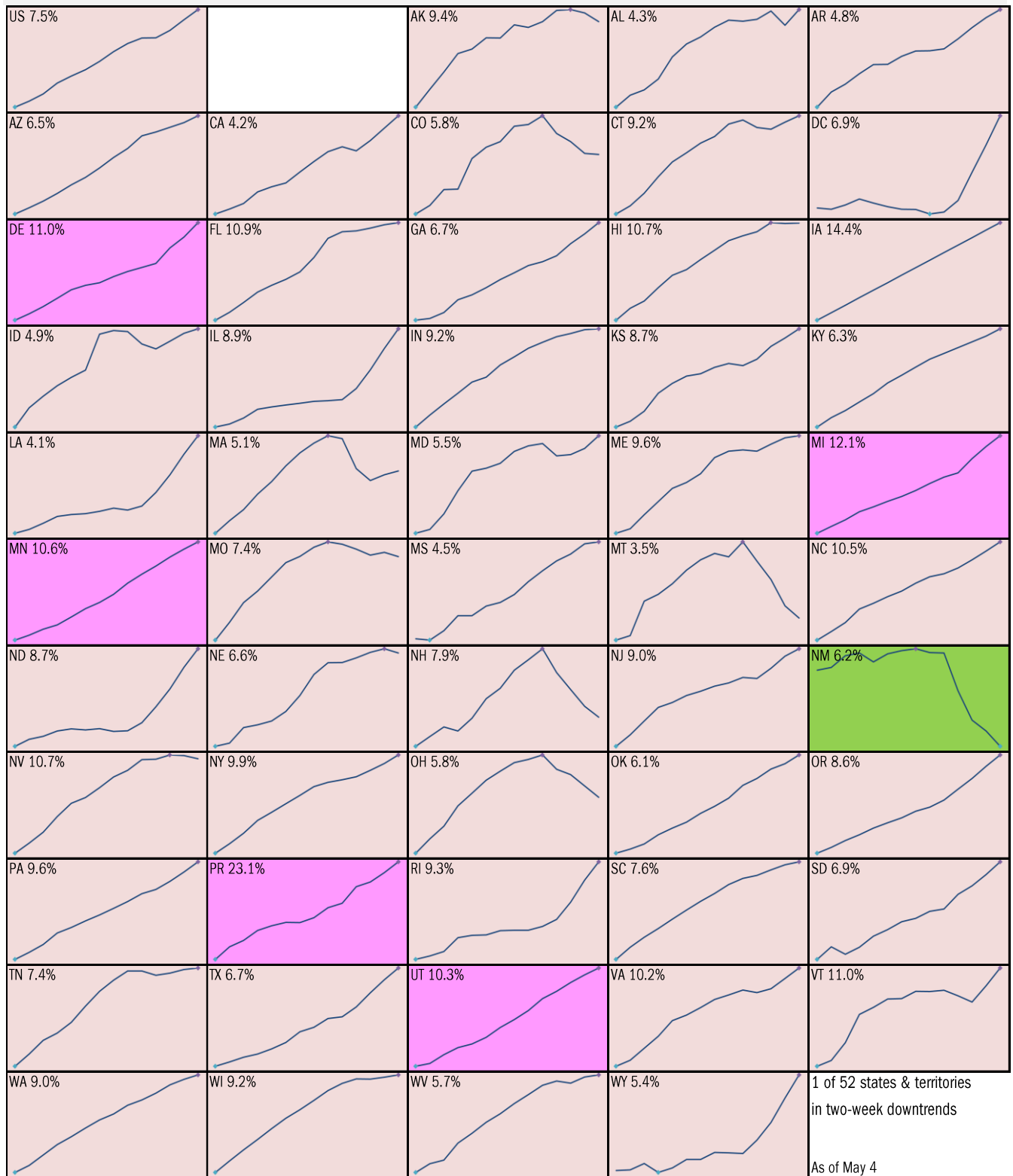


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

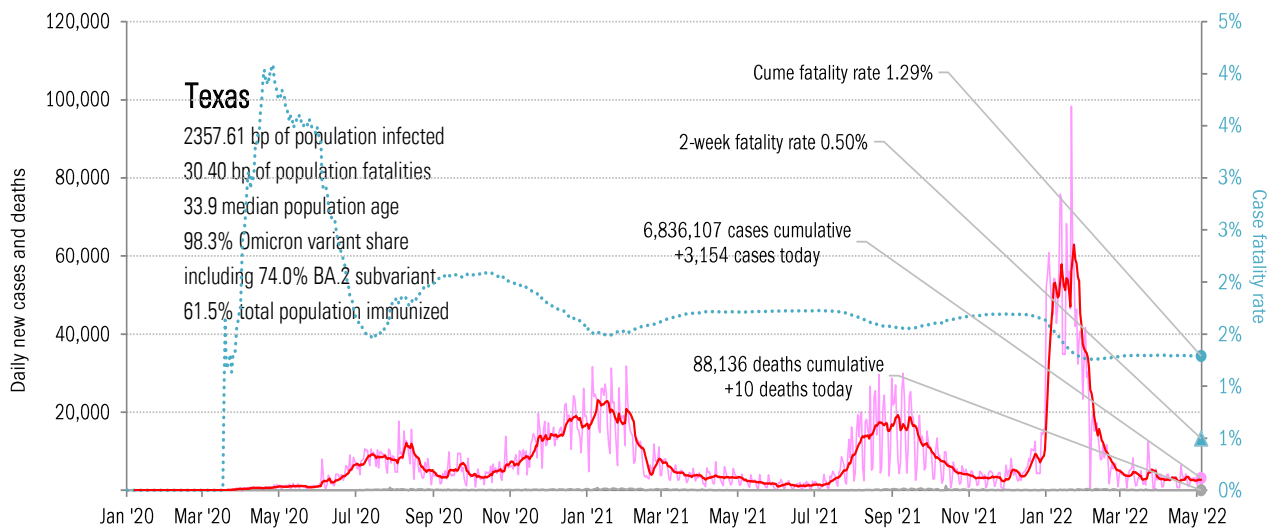
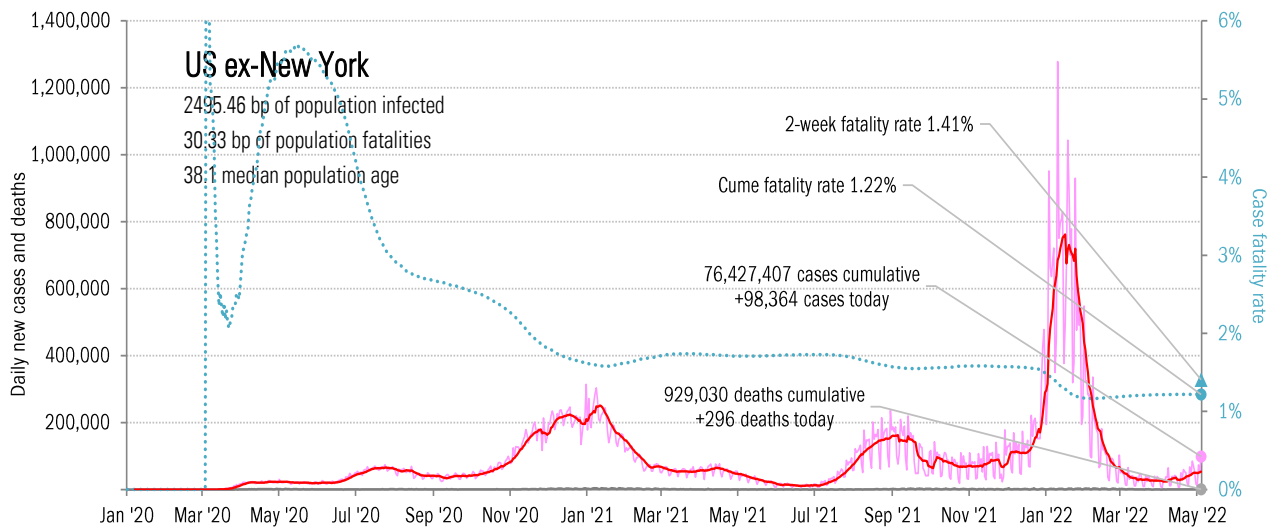
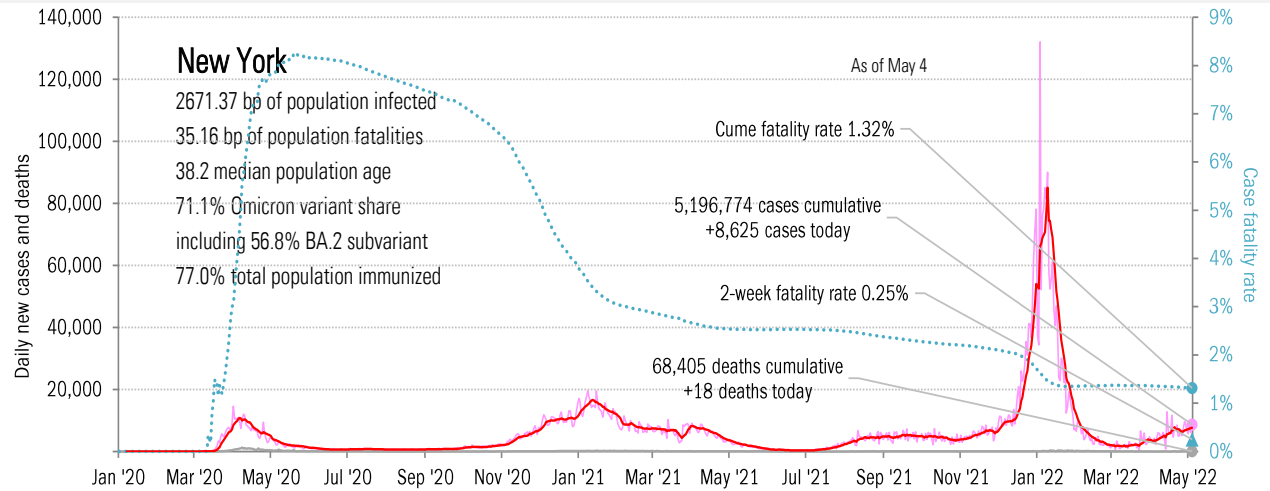
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

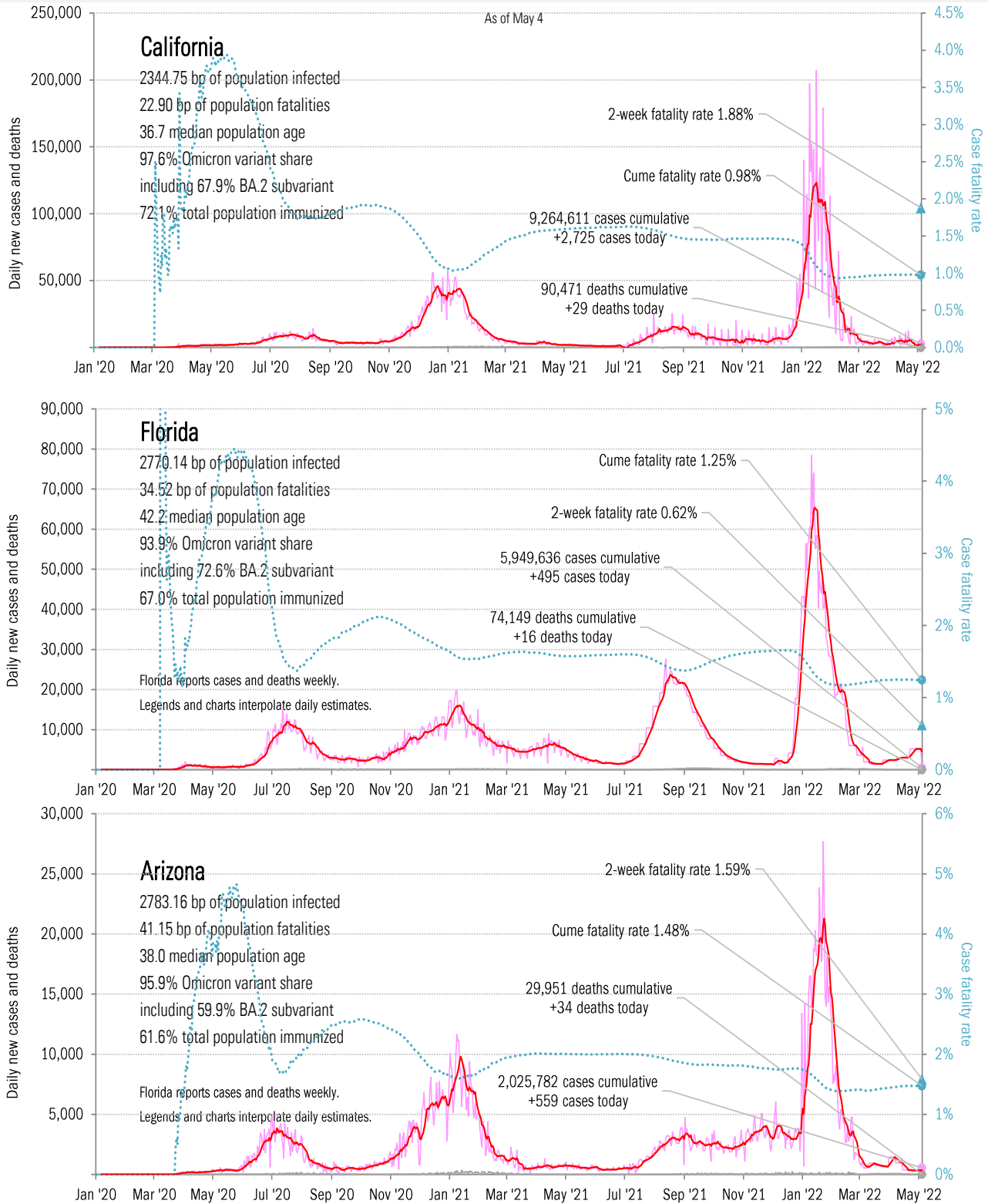
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

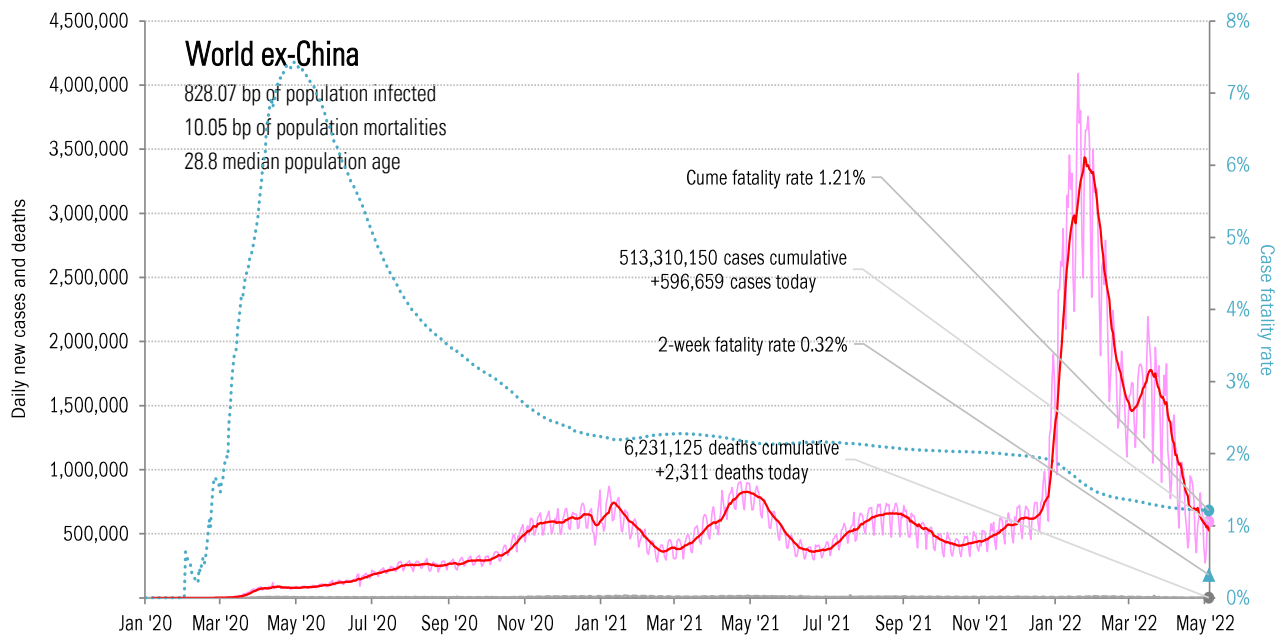
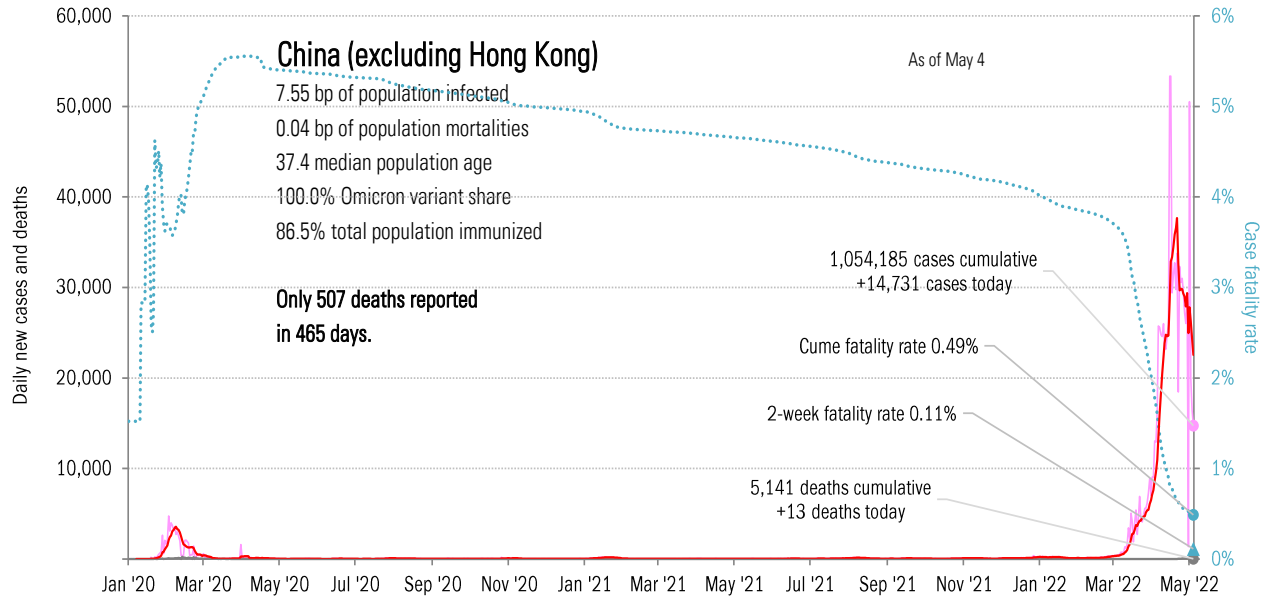
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

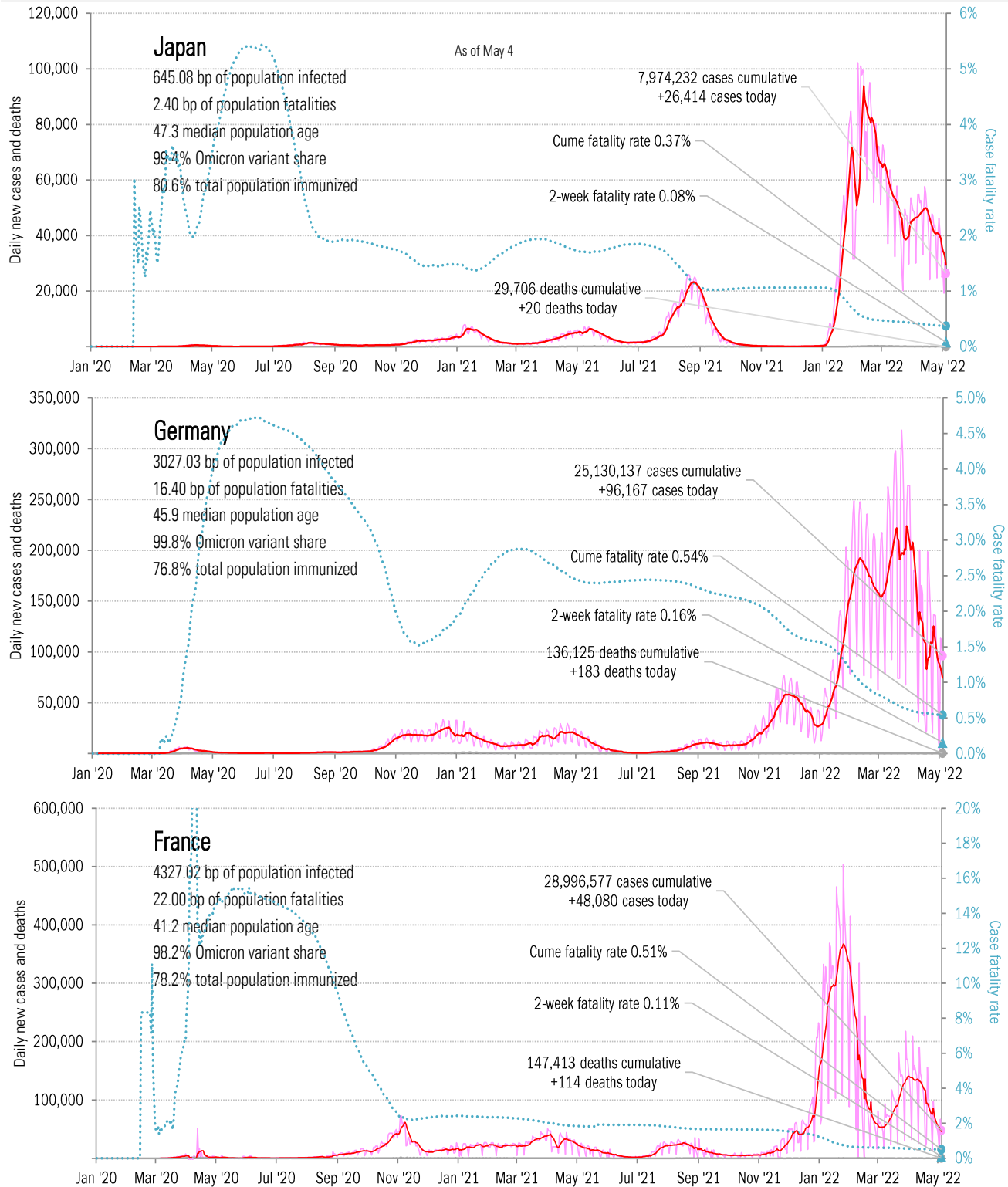
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

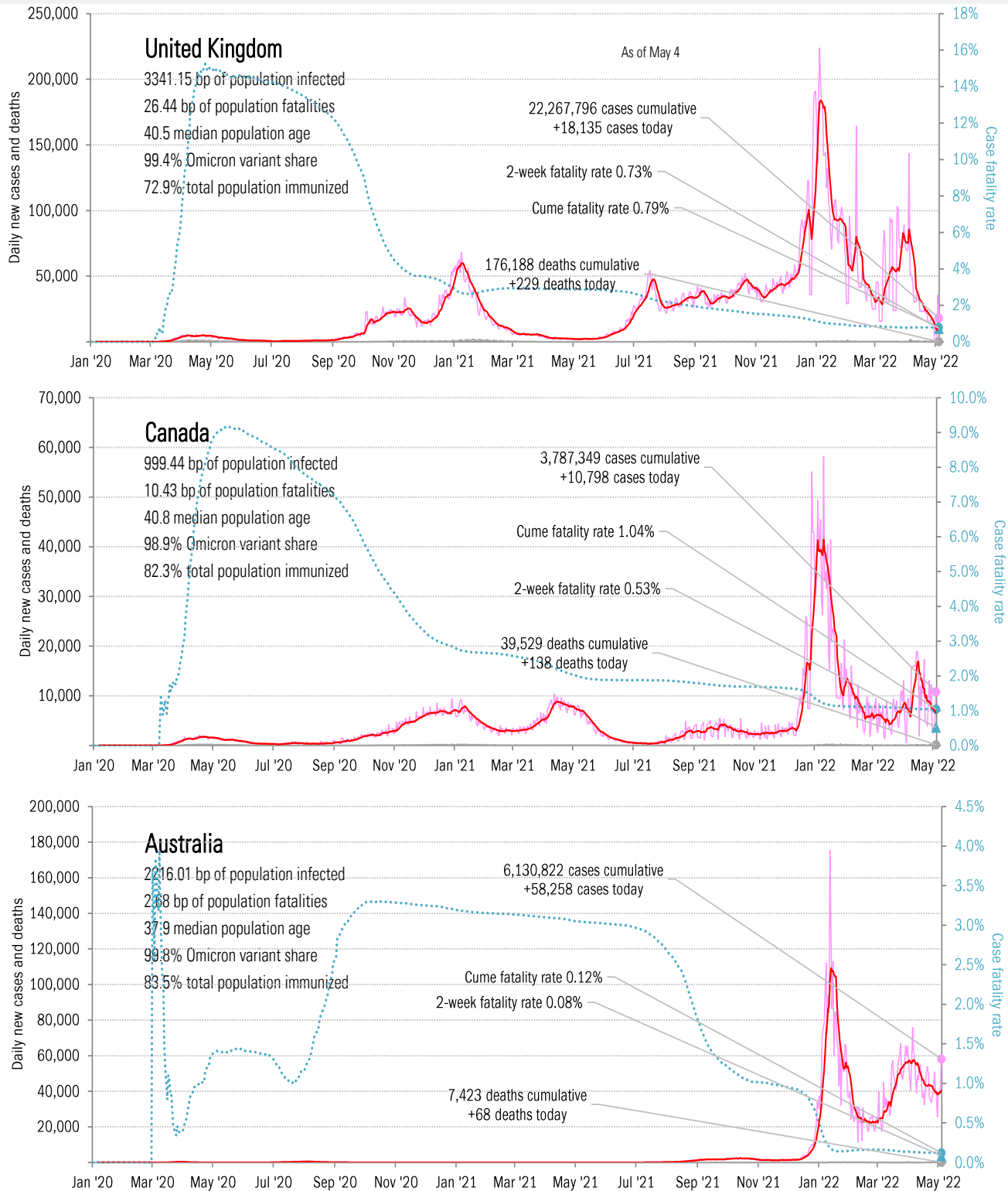
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

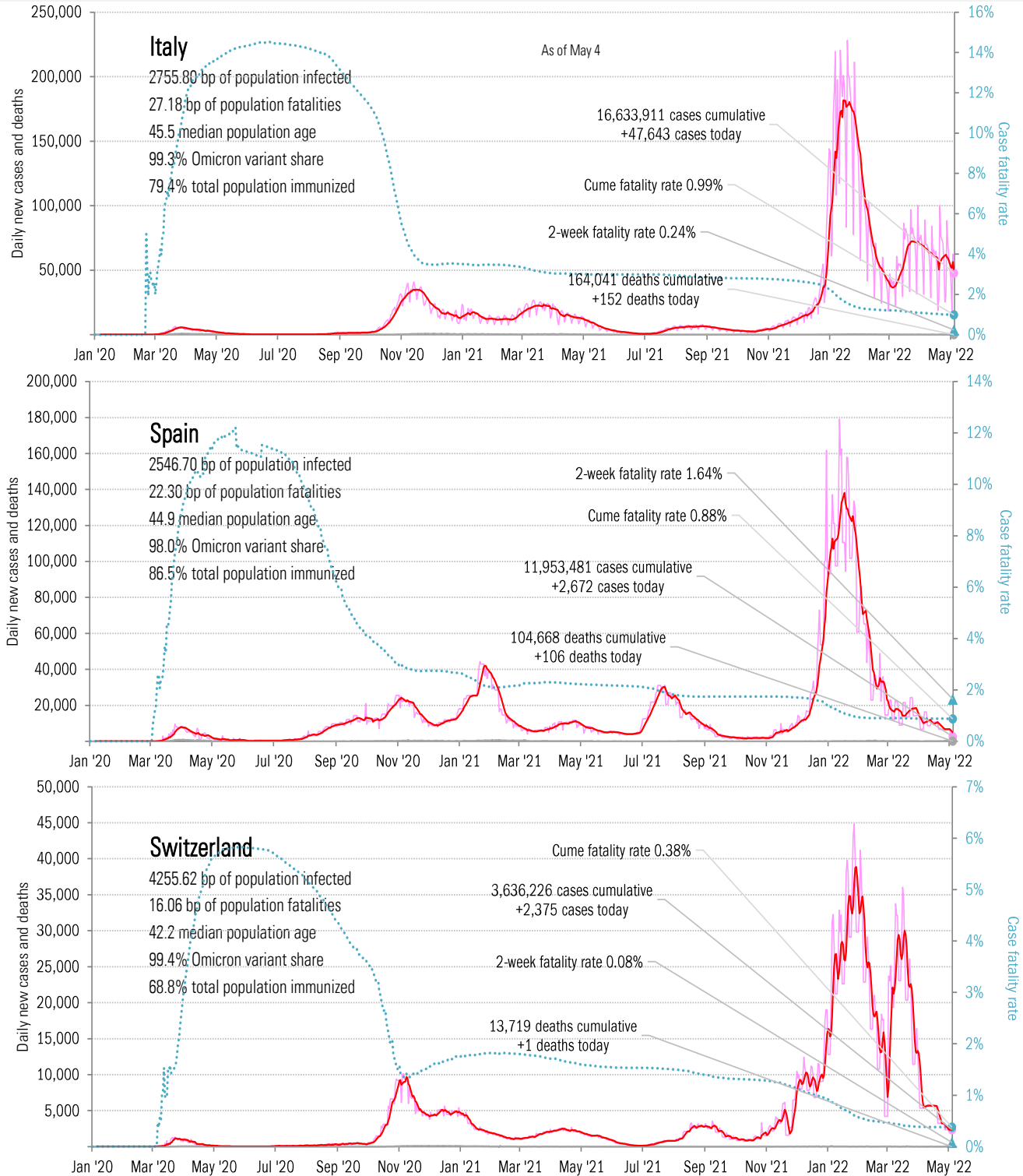
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

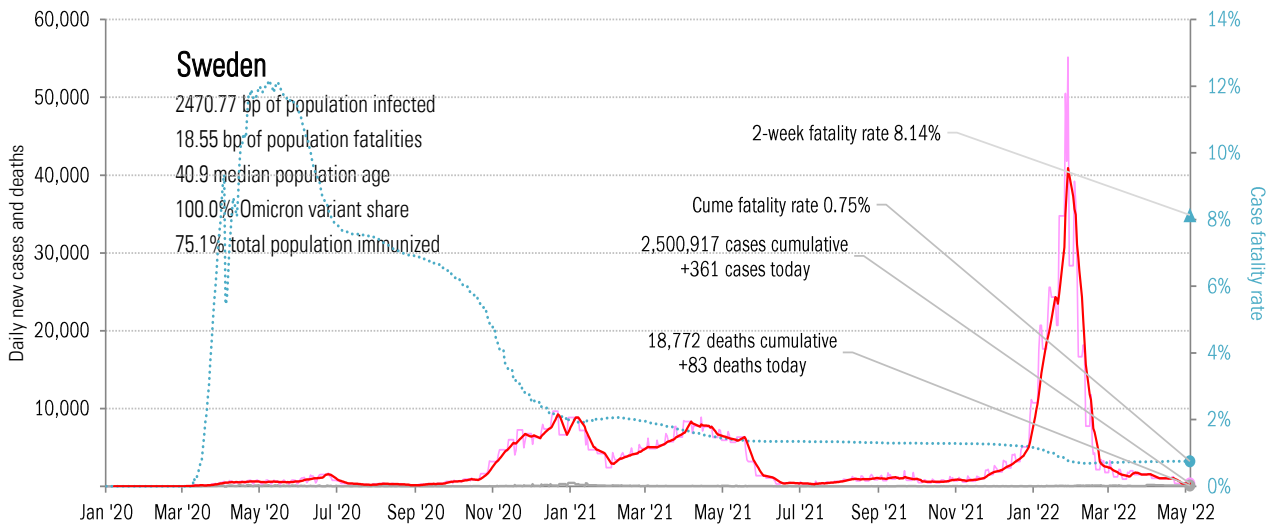
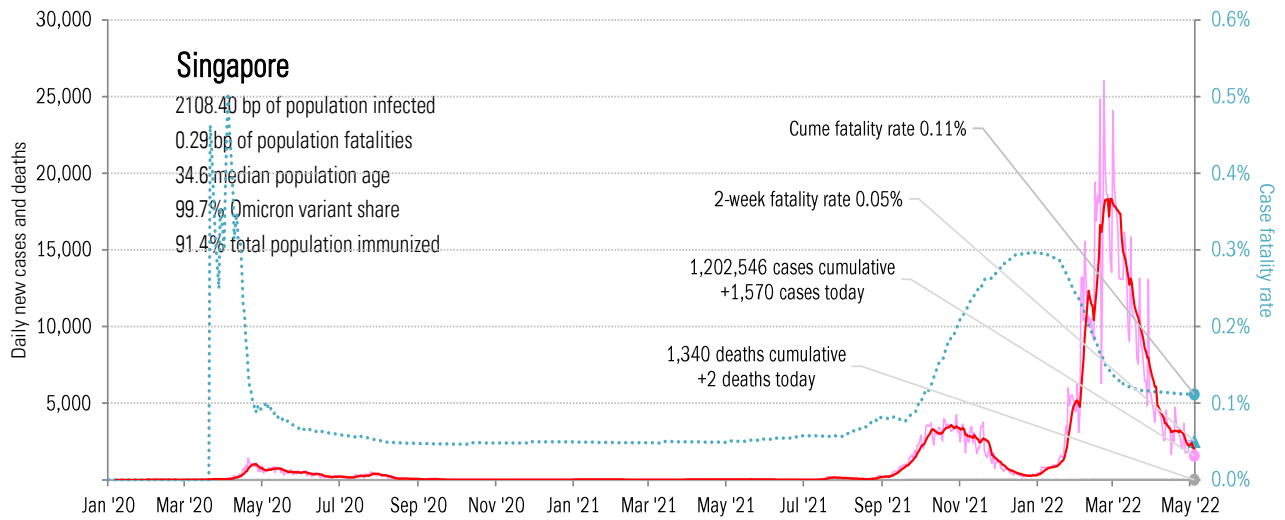
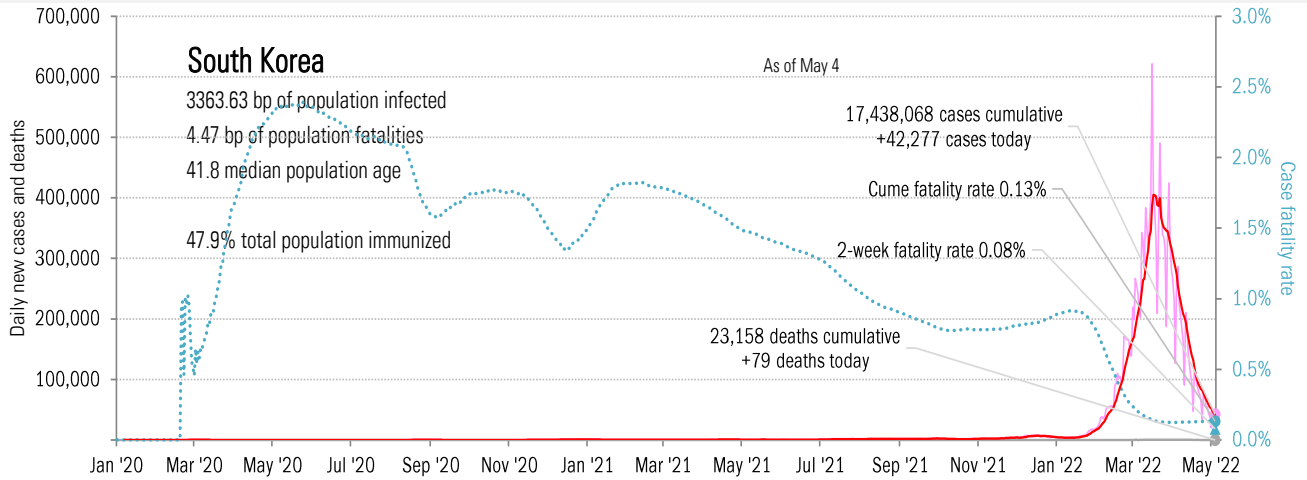
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

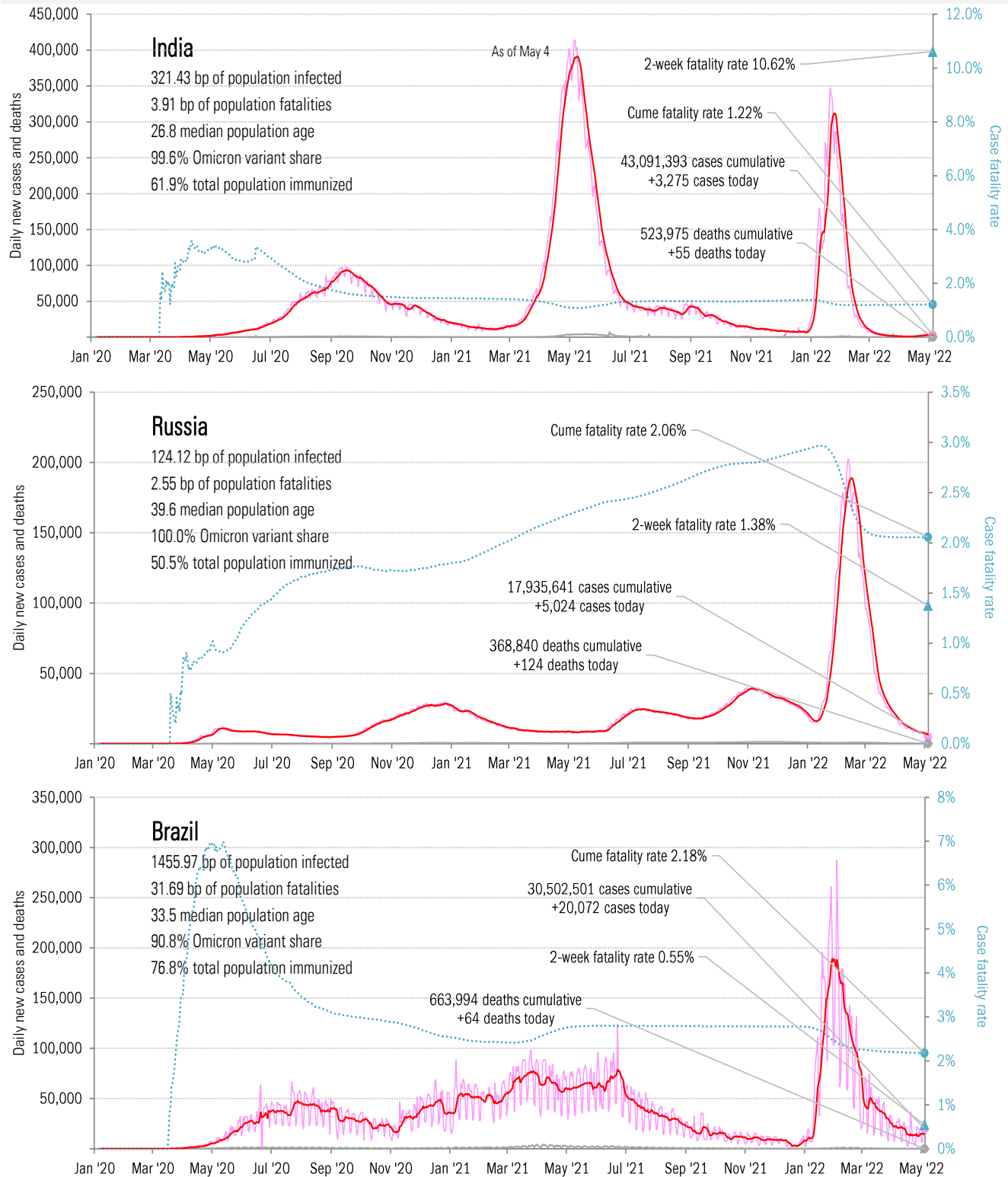
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

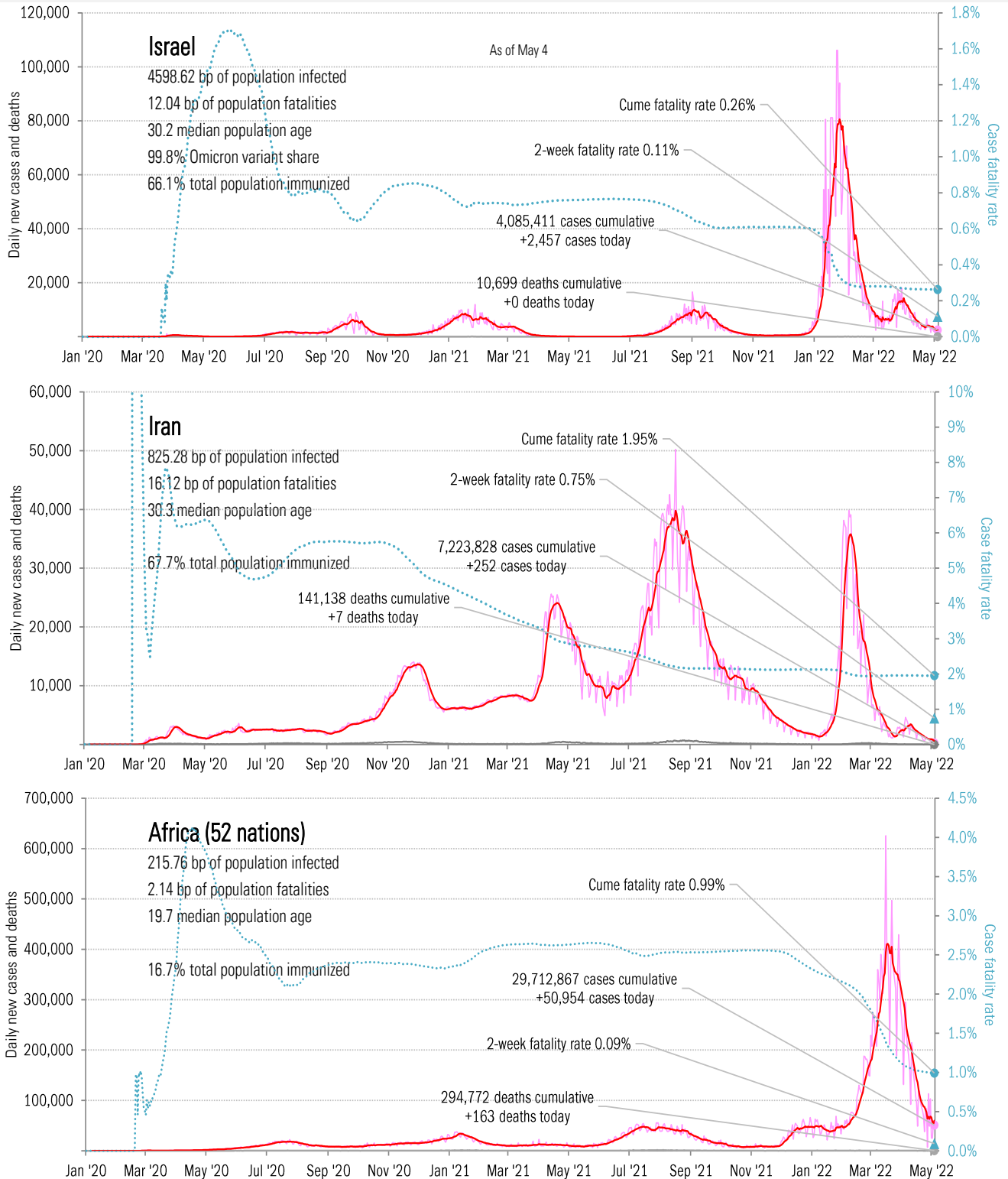
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

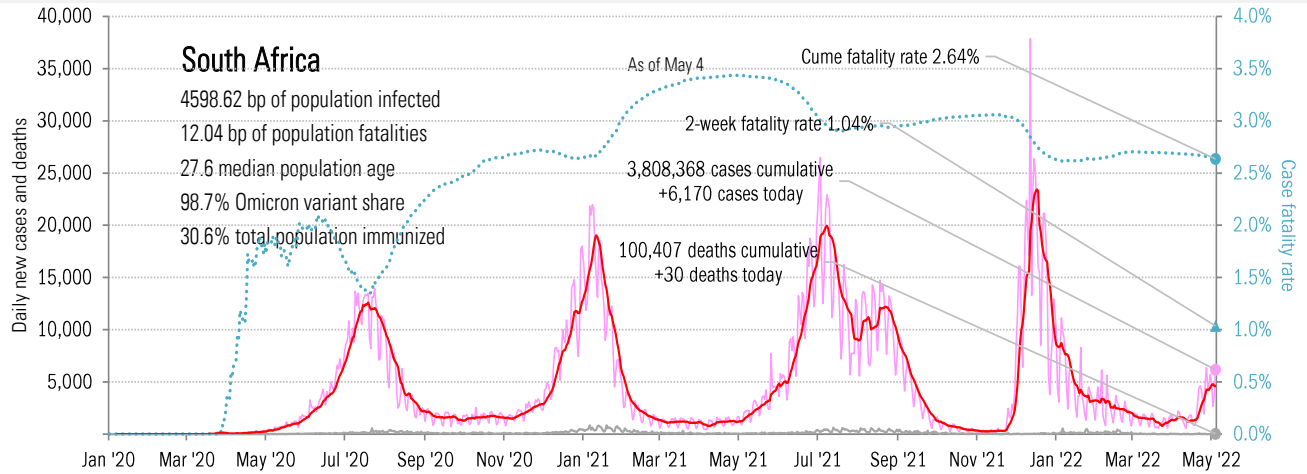
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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