

Data Insights: Covid-2019 Monitor

Monday, June 27, 2022

The global scorecard

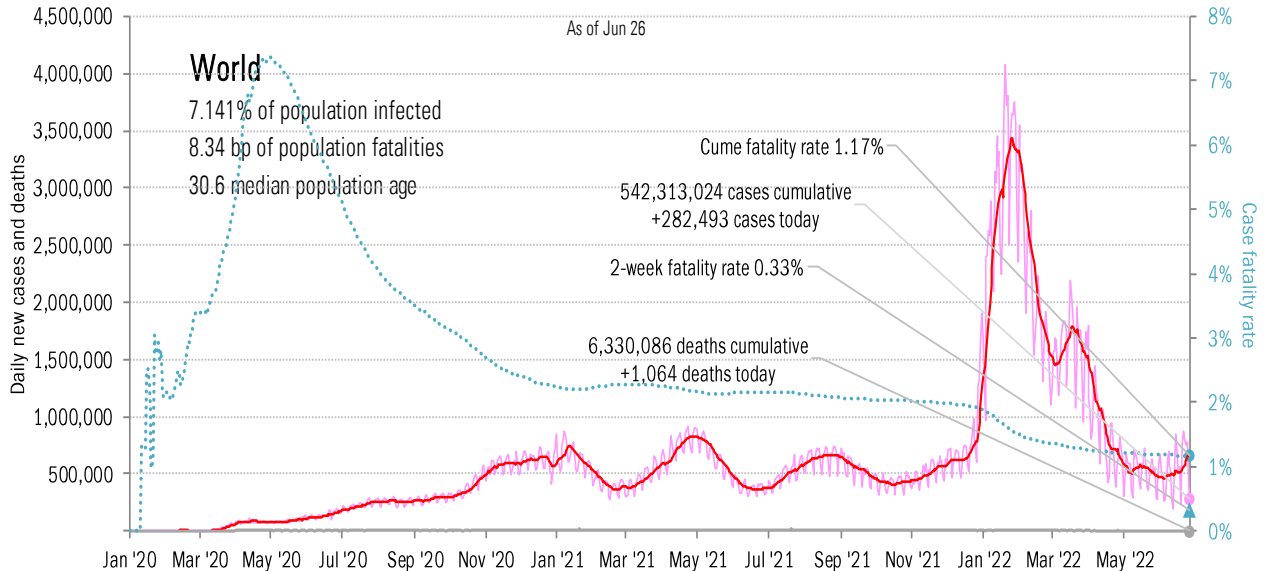
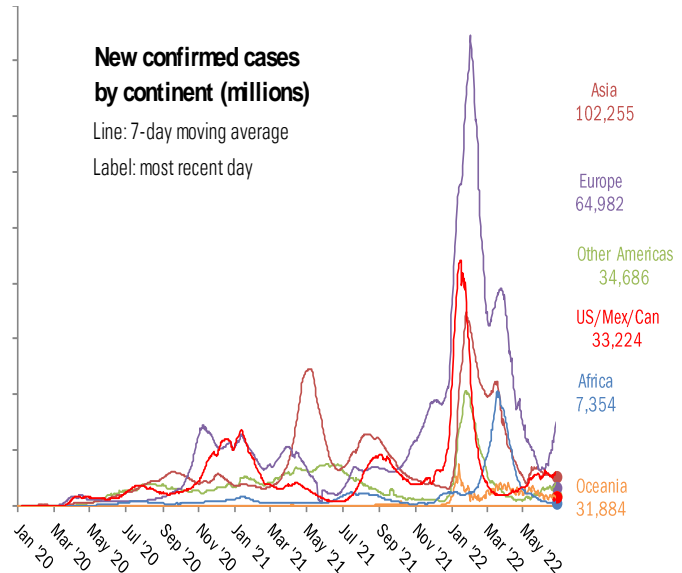
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Italy	49,325	United States	576
Taiwan*	39,642	Taiwan*	134
United States	26,659	Russia	55
Australia	25,997	Argentina	54
Argentina	25,680	Italy	44
India	17,073	Chile	31
Japan	14,206	Australia	23
Chile	11,313	India	21
Greece	9,294	Greece	16
Israel	8,527	Israel	14
227,716		968	
World	282,493	World	1,064
Top ten	81%	Top ten	91%

New confirmed cases by continent (millions)

Line: 7-day moving average
Label: most recent day



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

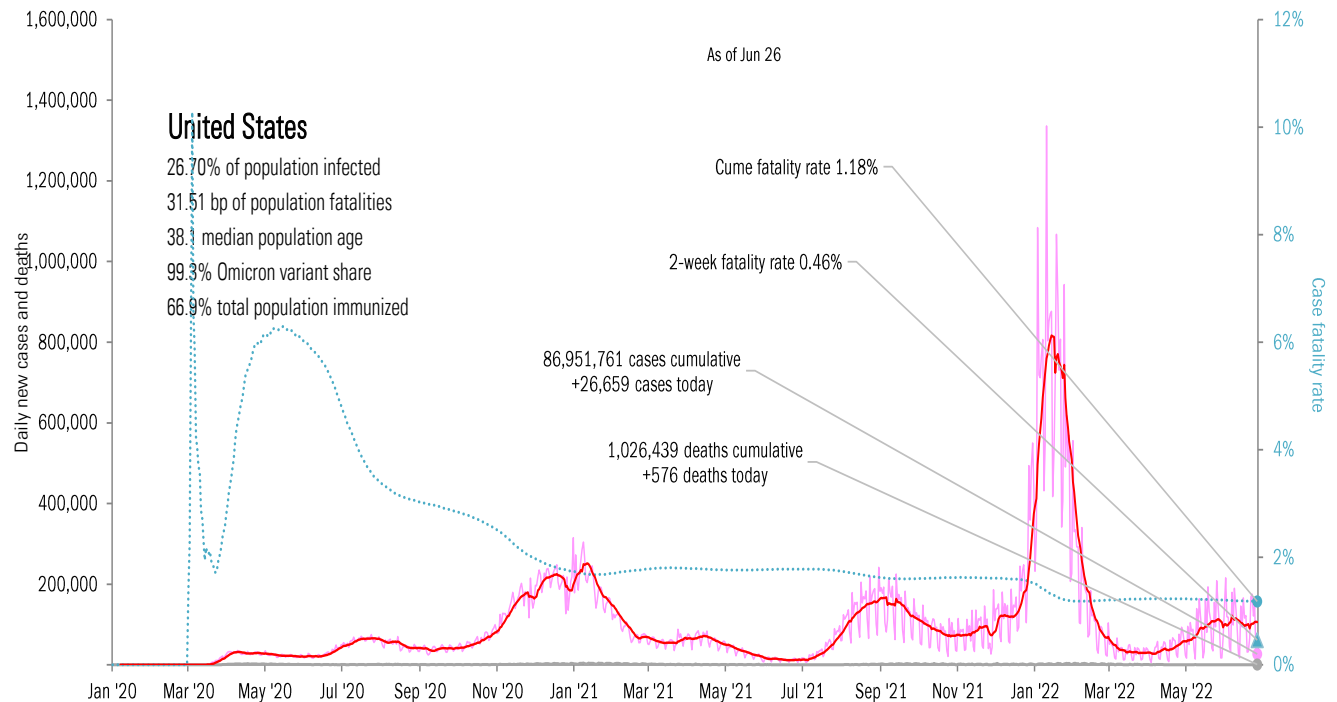
New cases		New deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital		Hospital use		ICU use	
TX	2,602	TX	1	FL	678	CA	10,024,838	CA	92,113	TX	502,432	RI	91%	TX	84%
AZ	2,196	AK	0	CA	577	TX	7,144,665	TX	88,620	CA	447,581	MA	87%	MA	83%
AR	507	AL	0	NY	289	FL	6,415,397	FL	75,576	FL	440,749	MN	85%	RI	82%
AK	0	AR	0	TX	423	NY	5,583,362	NY	69,571	NY	269,622	WA	84%	AK	82%
AL	0	AS	0	GA	175	IL	3,407,189	PA	45,657	GA	209,301	GA	83%	WA	81%
AS	0	CA	0	SC	119	PA	2,987,357	CH	38,778	CH	199,255	MD	83%	AL	81%
				MI	115	NC	2,843,077	IL	38,510	PA	186,240	MO	83%	MN	79%
				CH	160	CH	2,831,228	GA	38,447	IL	167,716	WV	82%	DE	79%
				IN	102	GA	2,626,597	MI	36,744	MI	149,517	DE	81%	UT	78%
				IL	184	MI	2,592,078	NJ	34,003	KY	135,788	PA	80%	NC	78%
26,659		81		2,822		46,455,788		558,019		2,708,201		All states 70%		67%	
All states 26,659		576		5,118		All states 86,951,761		1,026,439		4,920,466		All states 70%		67%	
Top ten 100%		14%		55%		Top ten 53%		55%		55%		Median 74%		73%	

US state case and fatality data distorted today due to weekend delays.

Some states not reporting

Five most improved US states

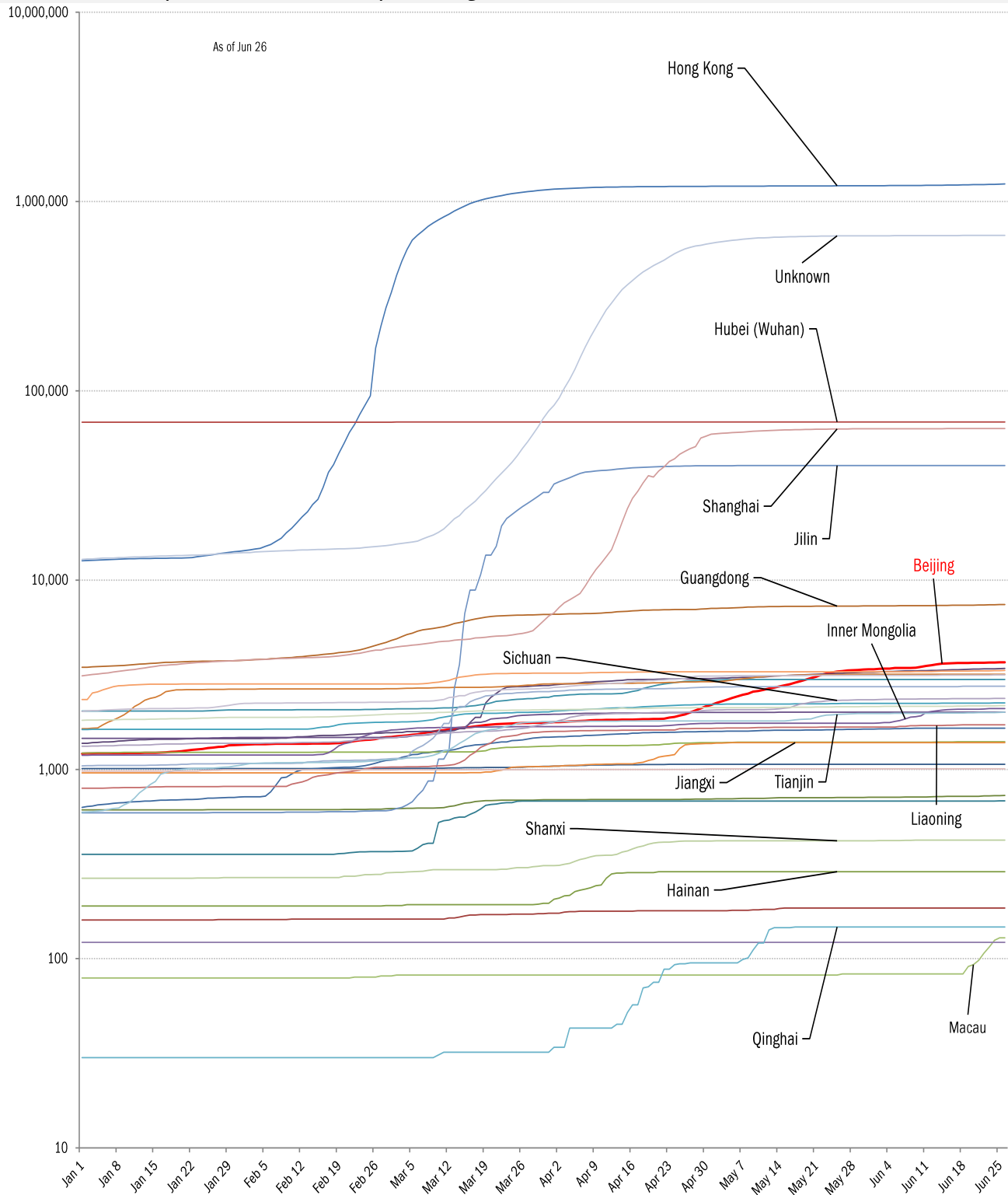
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TN	-2,641	TX	-17	VA	-40	AL	+10 bp
OK	-2,567	NY	-8	SD	-12	LA	+10 bp
KY	-1,906	FR	-6	KS	-11	AR	+10 bp
NJ	-616	NJ	-5	NE	-10	TN	+10 bp
FR	-577	AR	-4	OK	-10	IN	+10 bp



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

China provincial coronavirus case accelerometer... tracking the "zero Covid" curves

Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



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

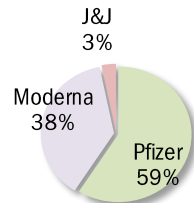
Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	609,306,461	+0.213 million	US	66.9%	78.1%
of which boosters	106,436,940	+0.054 million	UK	73.4%	78.5%
	One dose	% Pop	Immune	% pop	New immune today
Total population	267,294,476	80%	228,468,426	68%	+0.029 million
Age 12 to 17	17,887,639	71%	15,325,994	61%	+0.002 million
Age 18 to 64	179,463,763	88%	152,670,205	75%	+0.015 million
Age 65 and over	59,303,568	100%	51,846,769	95%	+0.006 million

France	78.4%	80.8%
Spain	86.7%	88.2%
Germany	75.5%	77.1%
Italy	79.4%	84.2%
Australia	84.0%	86.7%
Israel	66.1%	72.2%
Canada	83.3%	87.2%
Japan	81.2%	82.3%
Africa	18.4%	23.8%
India	65.2%	72.9%
Brazil	78.8%	86.2%
China	87.2%	89.5%

Global data differs due to sources, timing



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

*Immunity = two doses

AK
70.2%
62.9%

WI
72.3%
66.1%

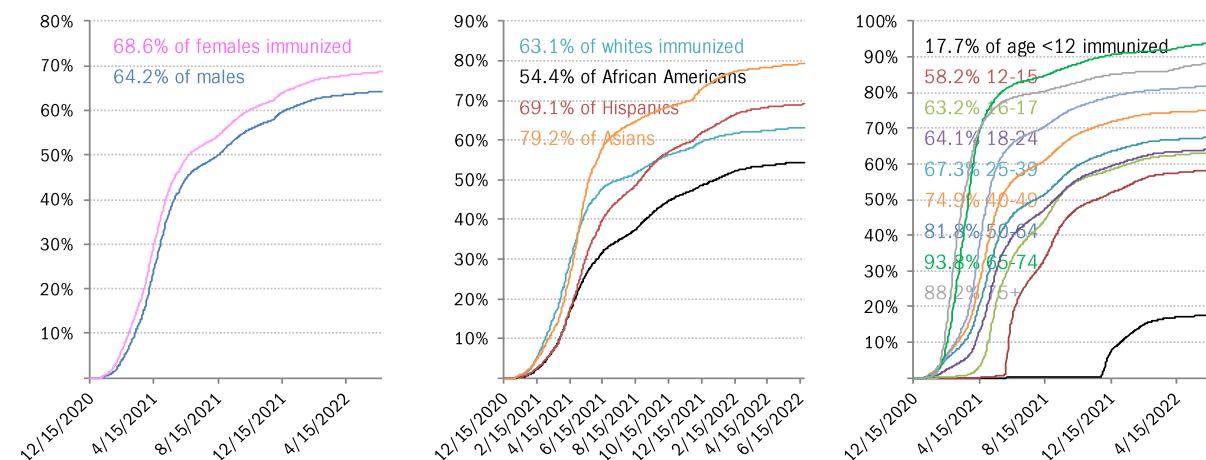
As of Jun 23

ME
91.6%
80.4%

WA 81.4% 73.1%	ID 62.2% 55.8%	MT 65.8% 57.3%	ND 66.1% 55.9%	MN 75.6% 69.7%	IL 76.3% 69.1%	MI 67.4% 60.6%	NY 90.9% 77.7%	VT 94.4% 81.9%	NH 89.4% 71.5%	
OR 78.5% 70.2%	NV 76.0% 61.4%	WY 58.5% 51.3%	SD 77.6% 62.5%	IA 68.3% 62.4%	IN 62.5% 56.4%	OH 63.6% 58.8%	PA 85.9% 69.4%	NJ 91.2% 76.4%	MA 95.0% 79.9%	
CA 82.8% 72.8%	UT 72.5% 64.6%	CO 80.0% 70.8%	NE 70.8% 64.1%	MO 66.7% 56.6%	KY 66.6% 57.8%	WV 65.5% 58.1%	VA 86.5% 74.0%	MD 87.3% 76.4%	CT 95.0% 80.1%	RI 95.0% 83.7%
	AZ 74.1% 62.3%	NM 88.9% 71.9%	KS 73.0% 62.5%	AR 67.3% 55.0%	TN 62.6% 55.0%	NC 85.6% 62.4%	SC 68.3% 57.6%	DC 95.0% 76.2%	DE 84.0% 70.0%	
		OK 71.7% 57.9%	LA 61.5% 53.9%	MS 60.0% 52.2%	AL 63.2% 51.6%	GA 66.0% 55.3%		FL 80.0% 67.6%	PR 95.0% 83.6%	
		TX 74.2% 62.2%								

HI
88.1%
78.9%

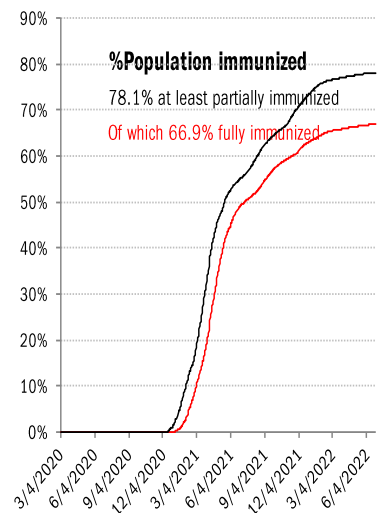
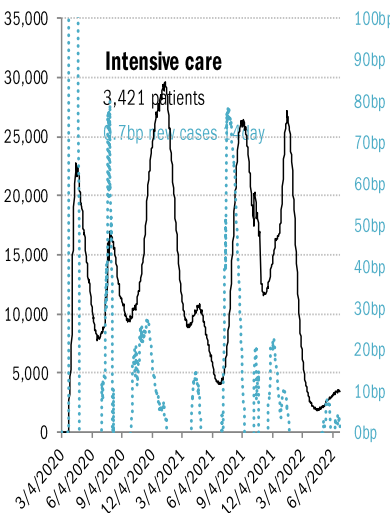
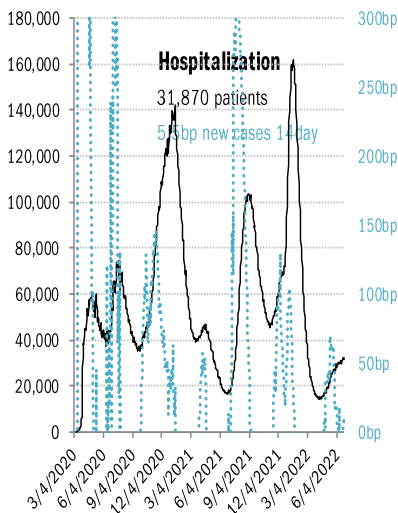
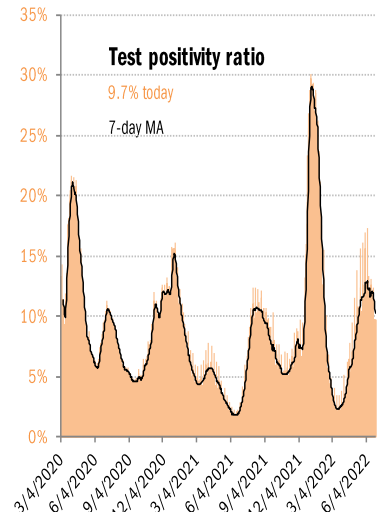
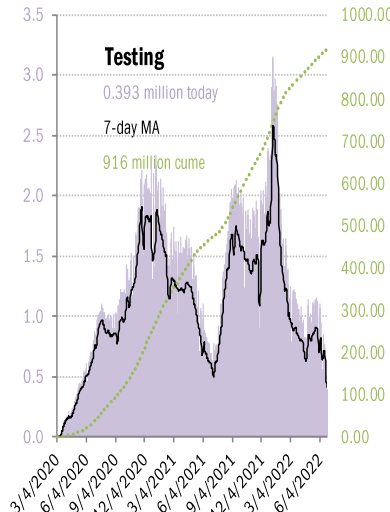
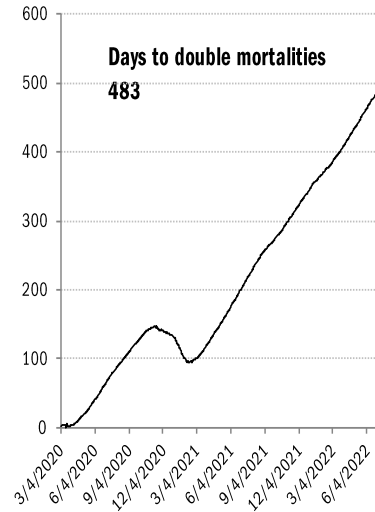
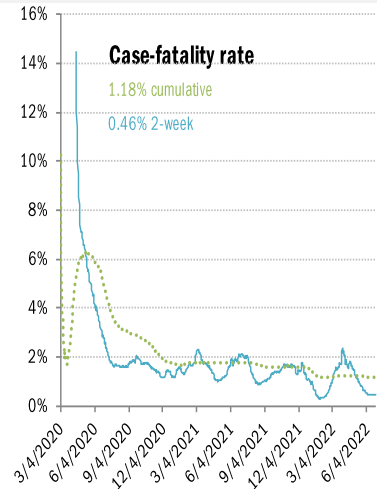
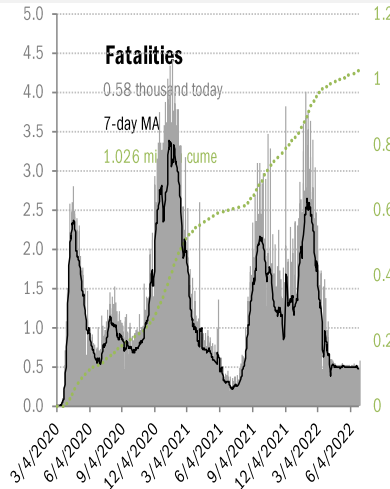
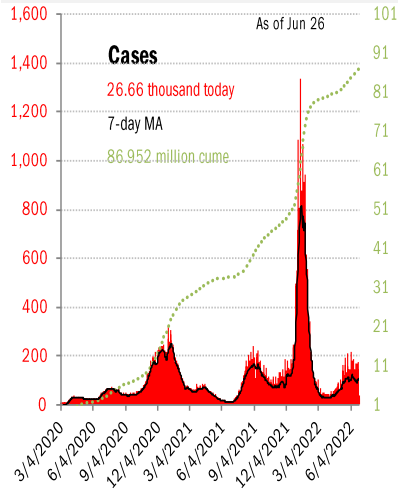
The demographics of US vaccination



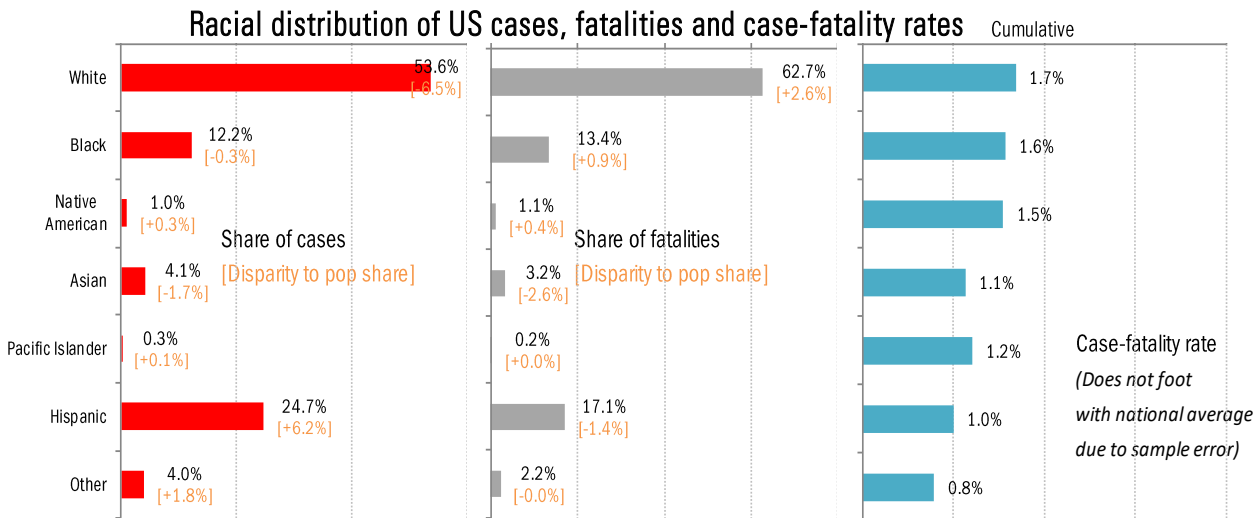
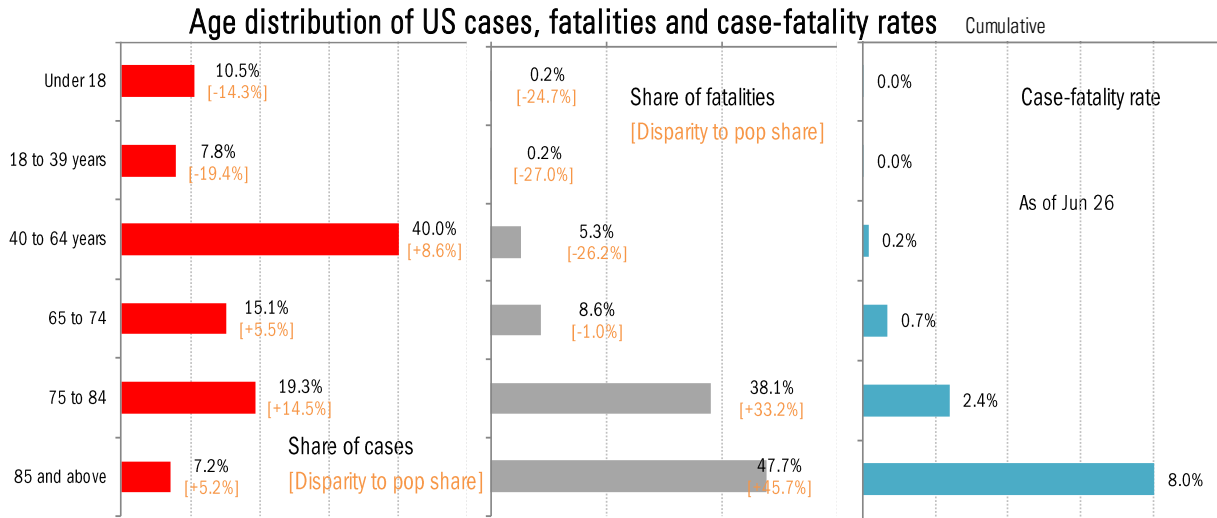
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

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

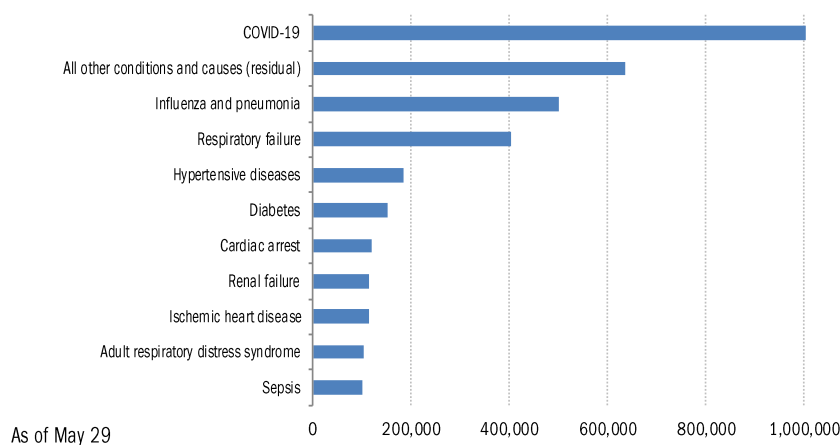


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

Comorbidity data has been paused for the month of June by the CDC while making "system upgrades."

Source: Distributions [CDC](#), Comorbidities [CDC](#), TrendMacro calculations

Recommended reading

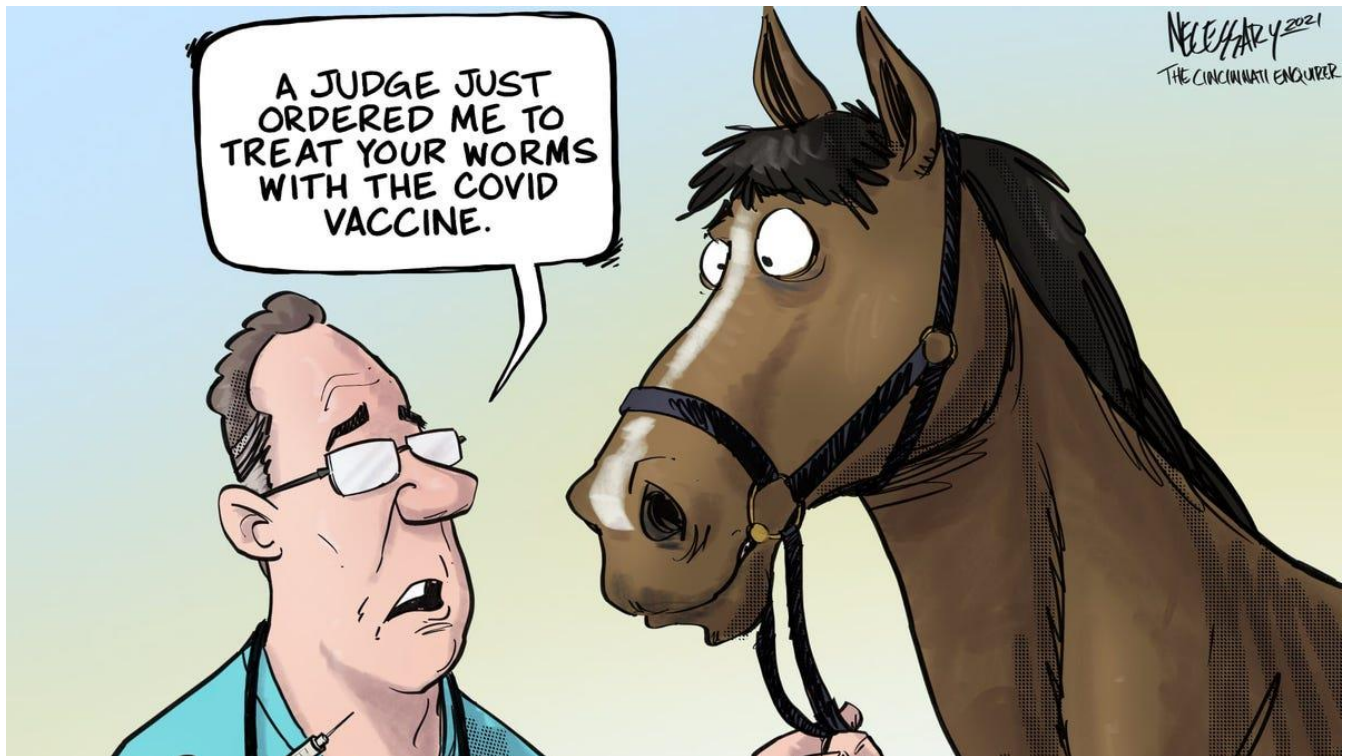
[These Days It's News When the CDC Does Something Right](#)

Allysia Finley
Wall Street Journal
June 26, 2022

[How I'm treating my COVID](#)

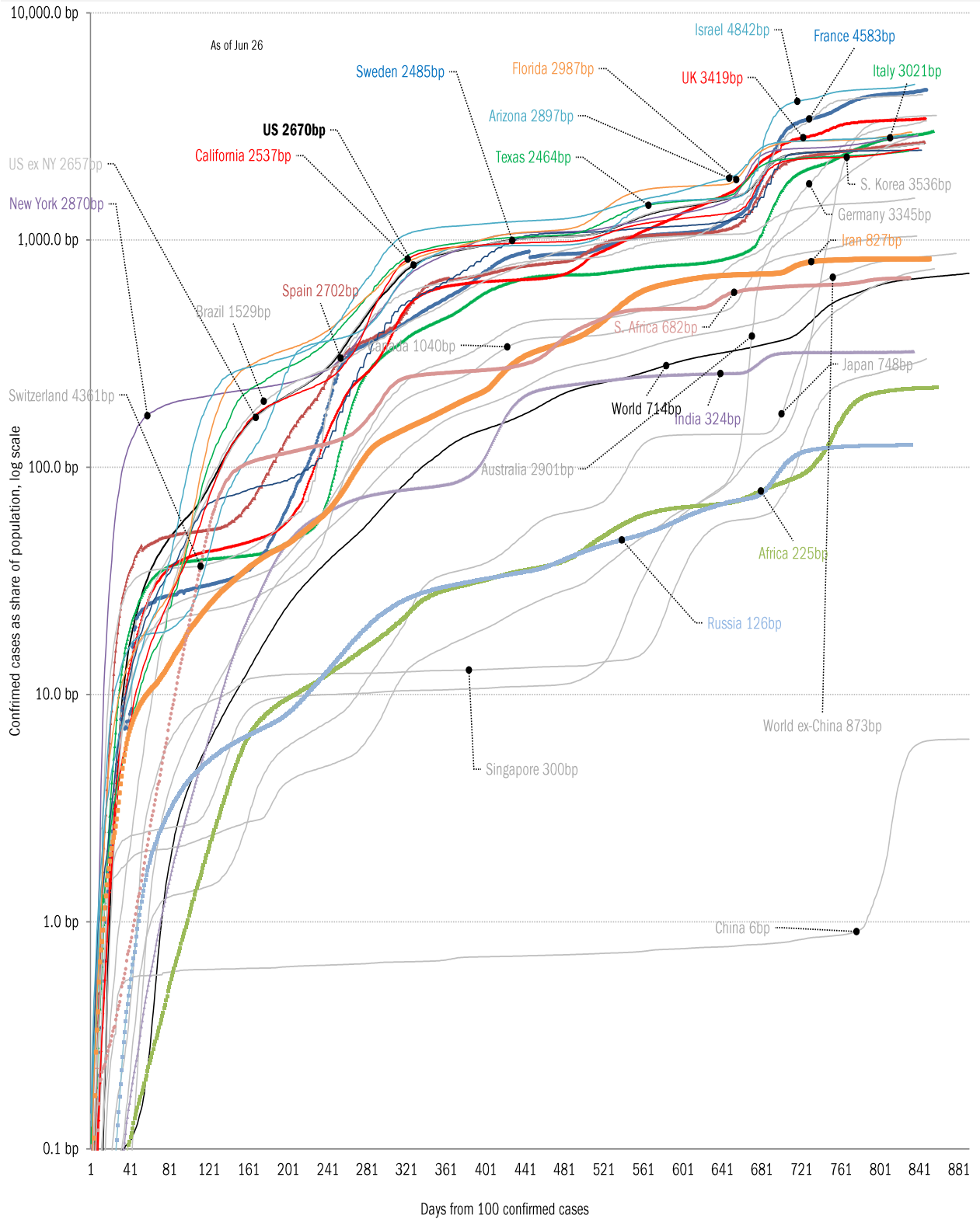
Steve Kirsch
Steve Kirsch's newsletter
June 26, 2022

Meme of the day



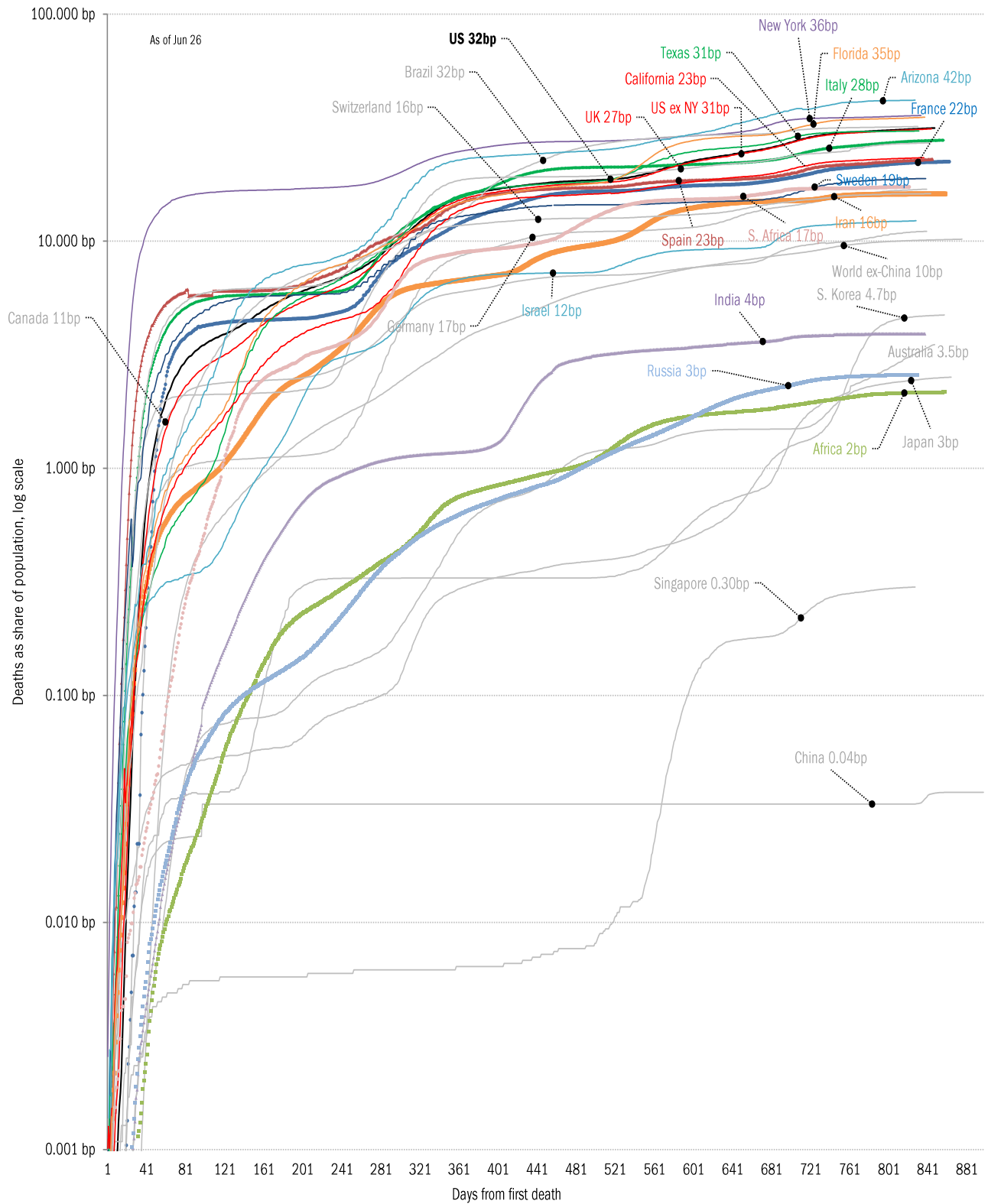
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

The global 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 global coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality, log scale

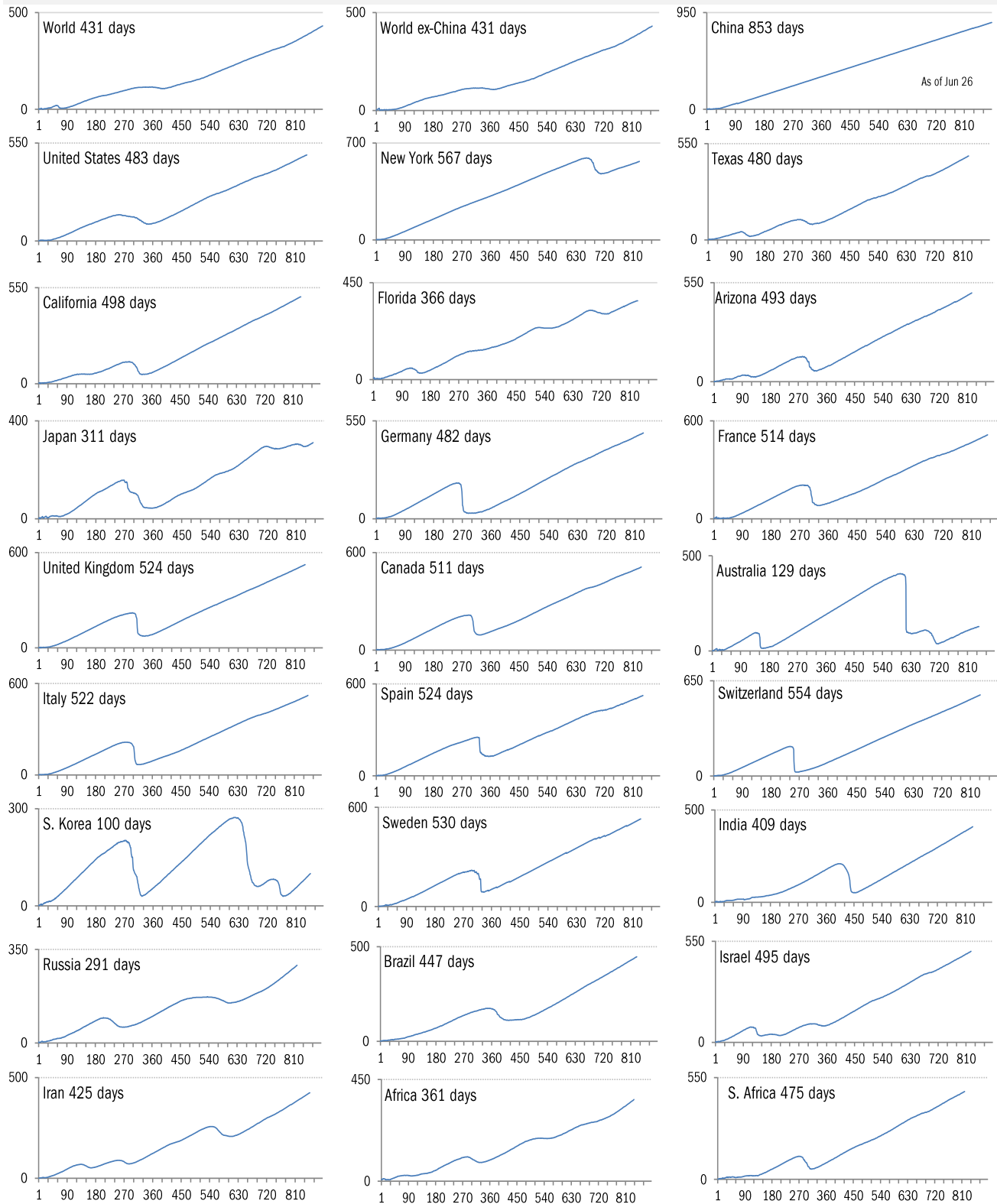


Source: [Johns Hopkins](#), TrendMacro calculations

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

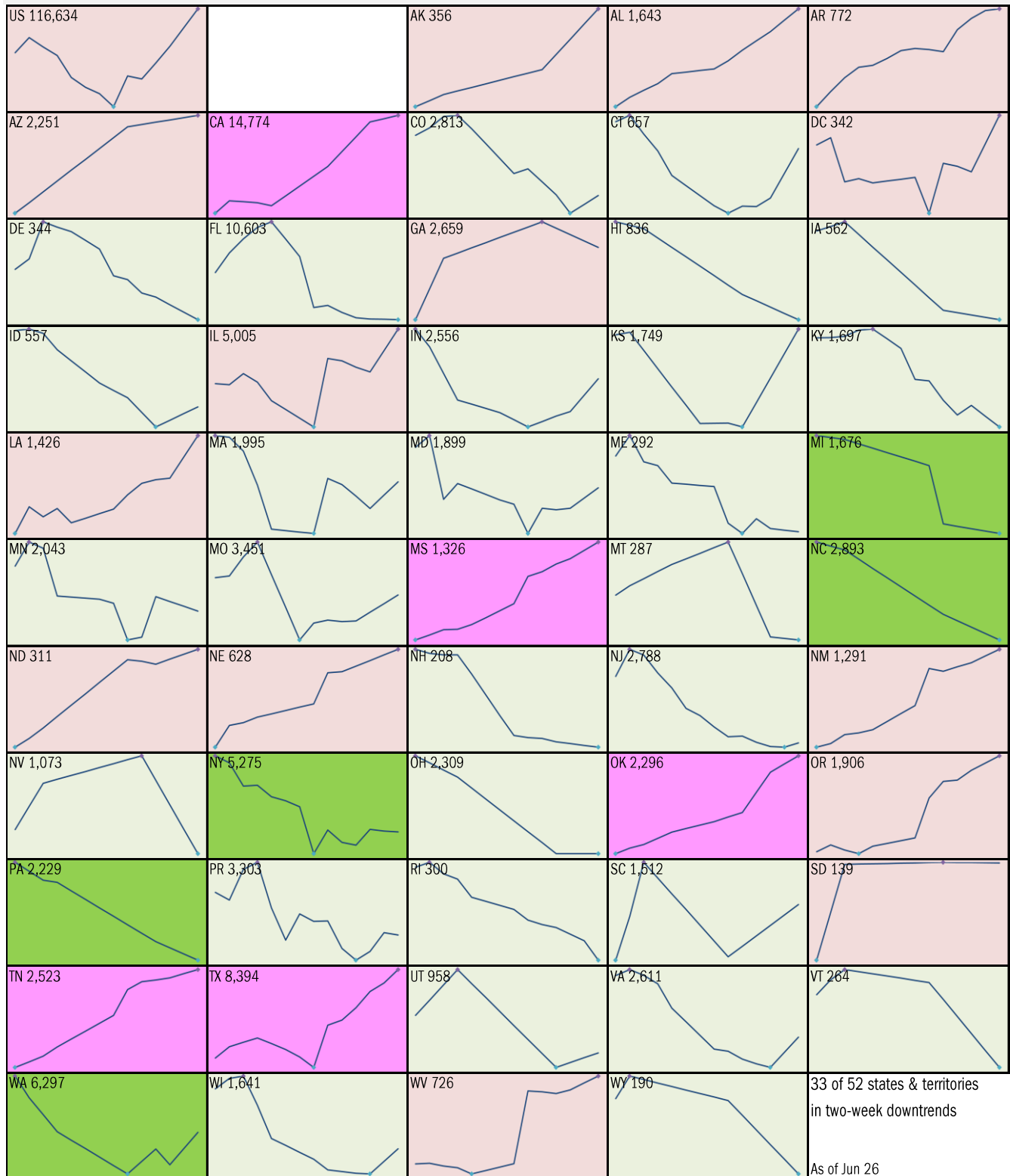


Source: [Johns Hopkins](#), TrendMacro calculations

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

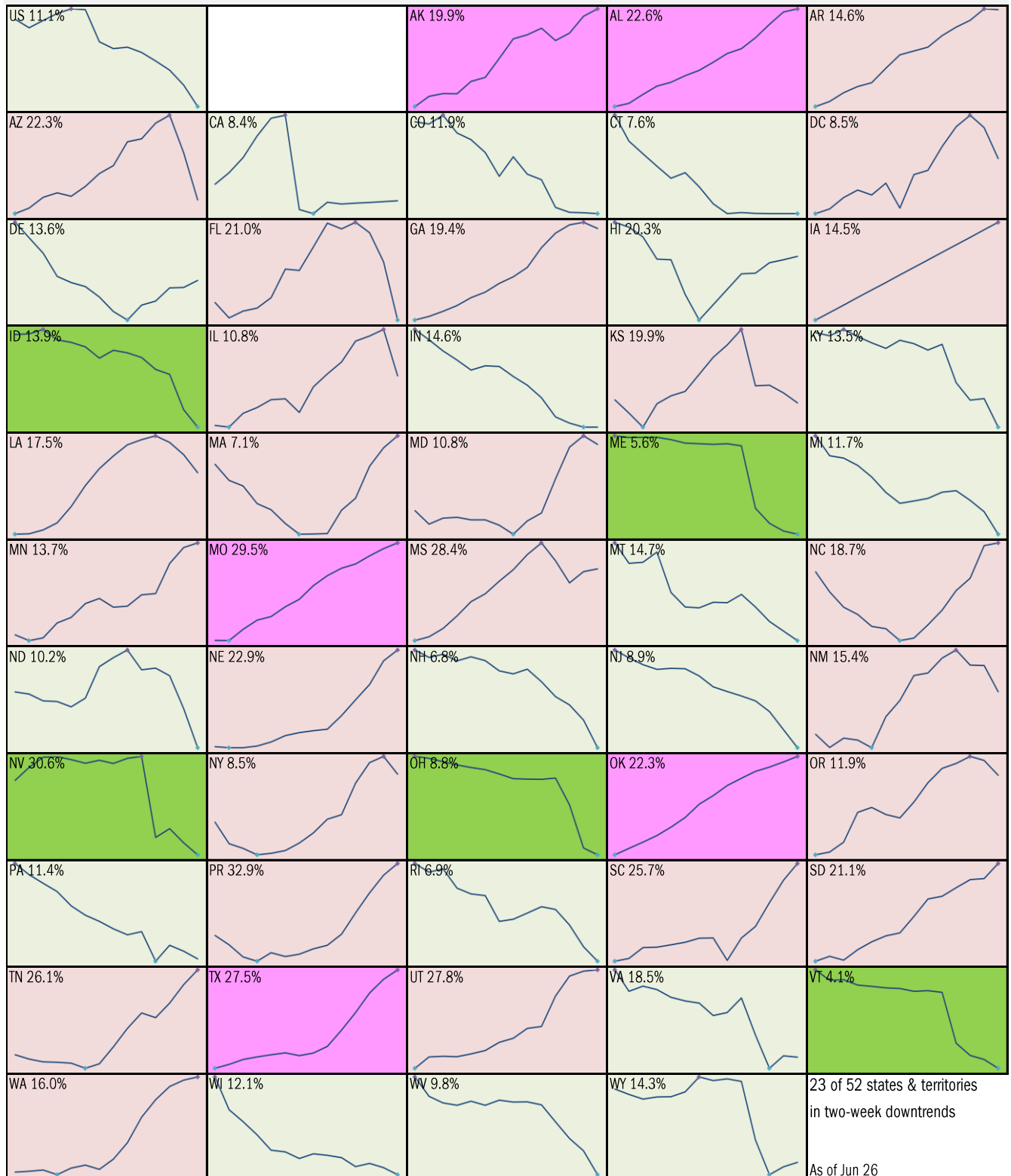


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

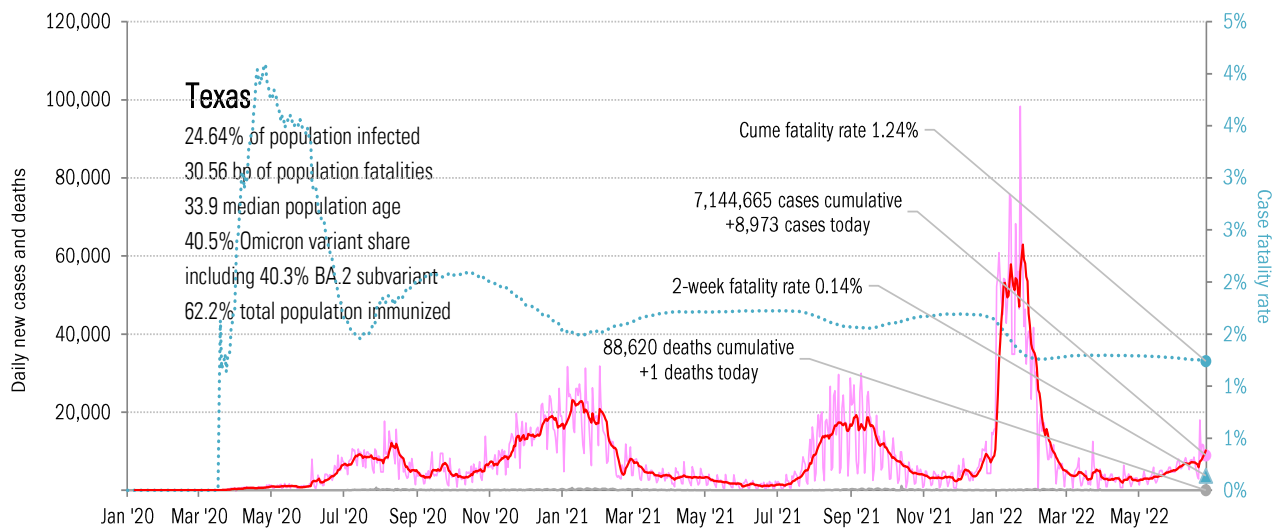
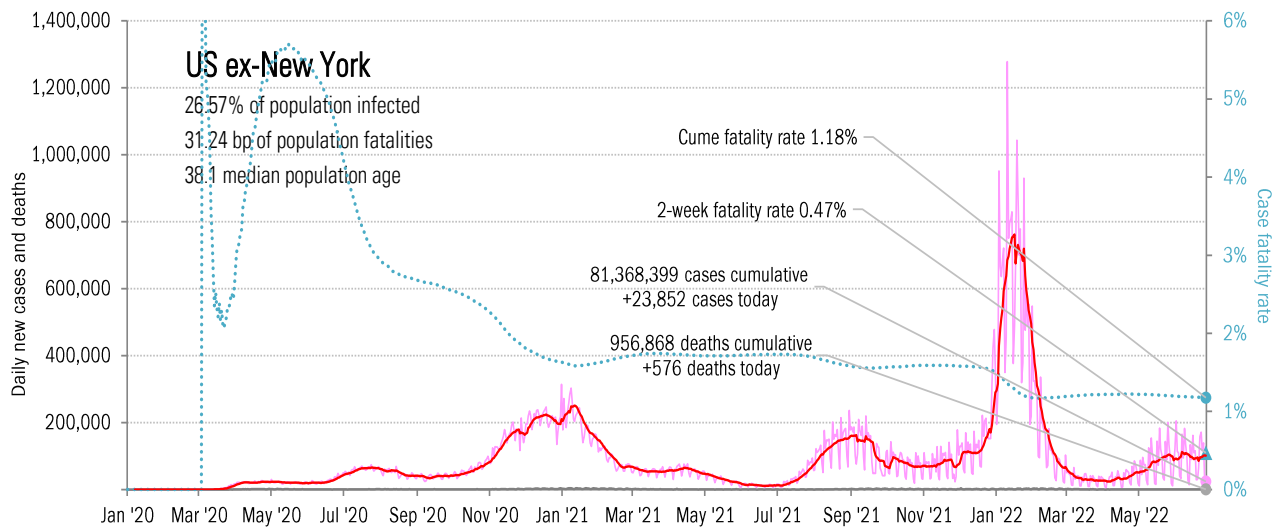
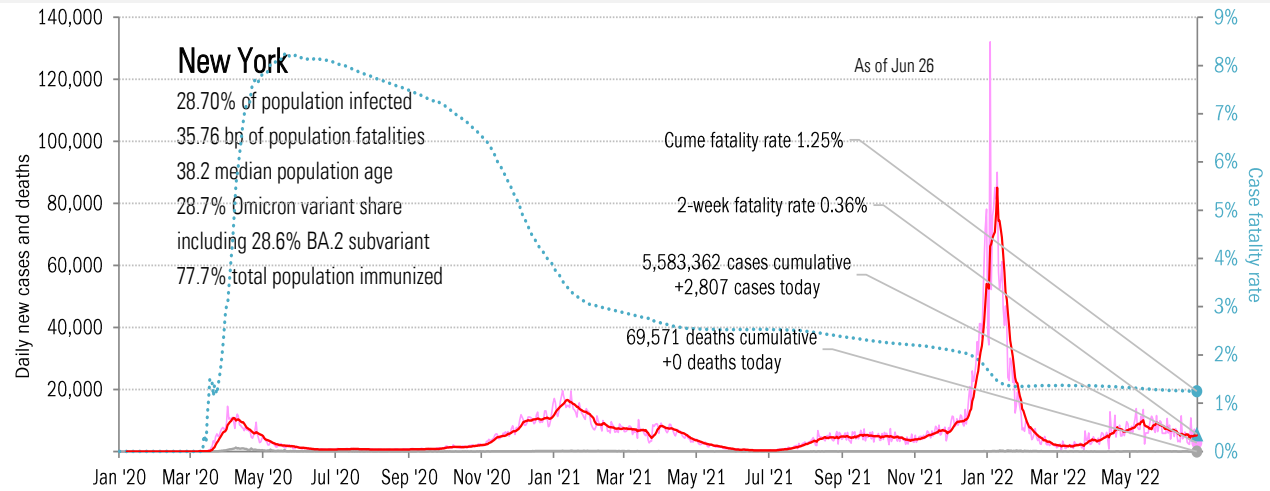
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

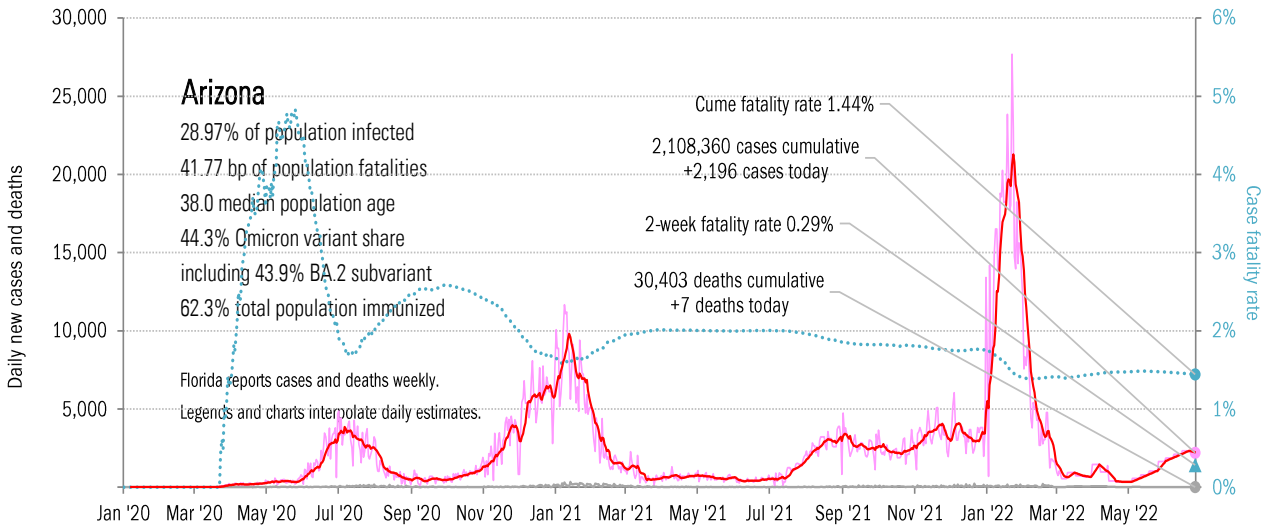
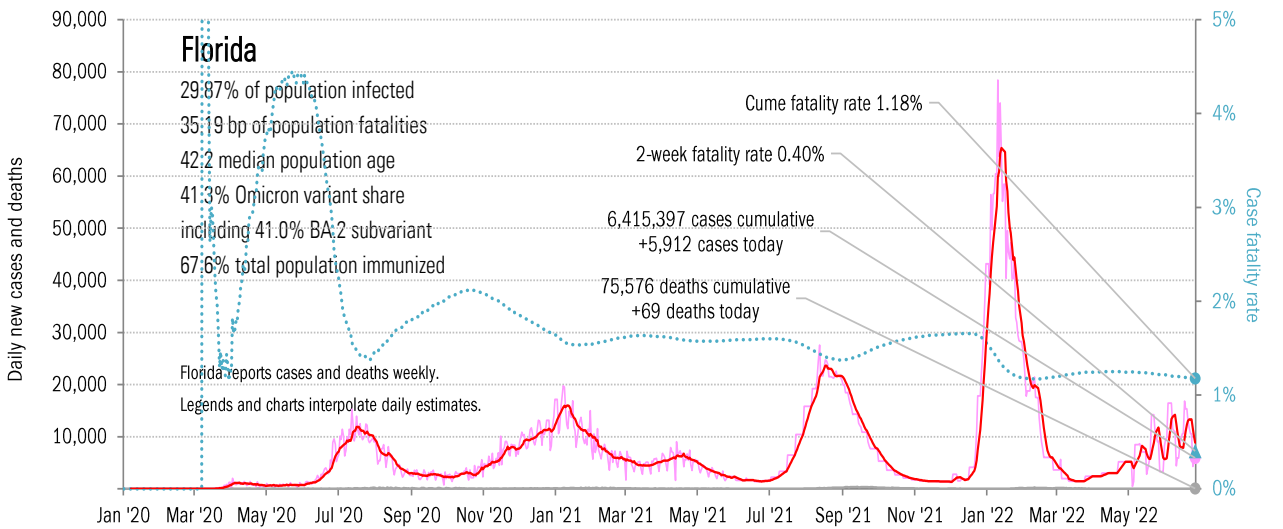
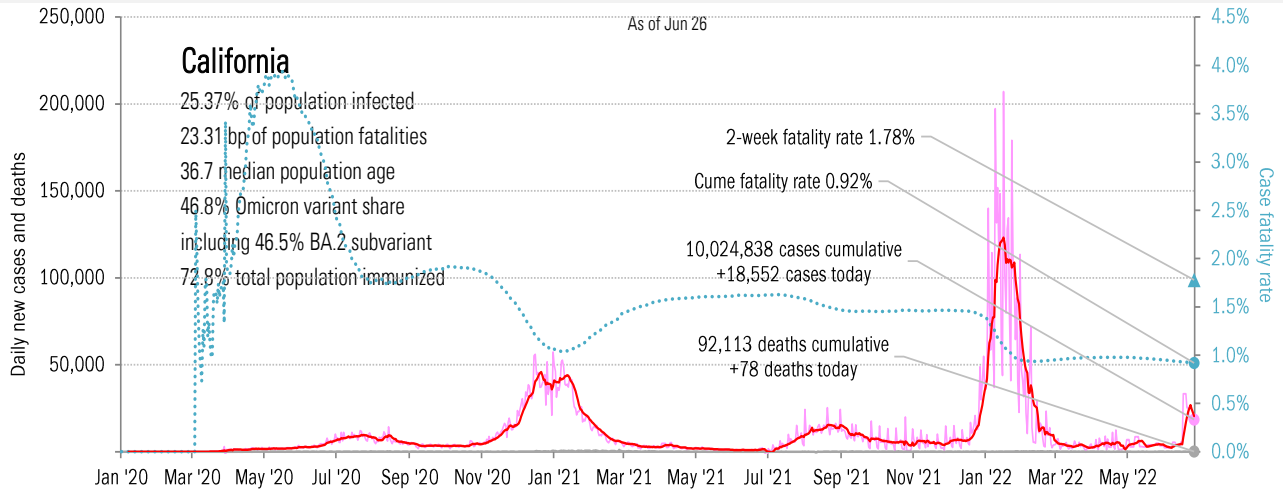
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

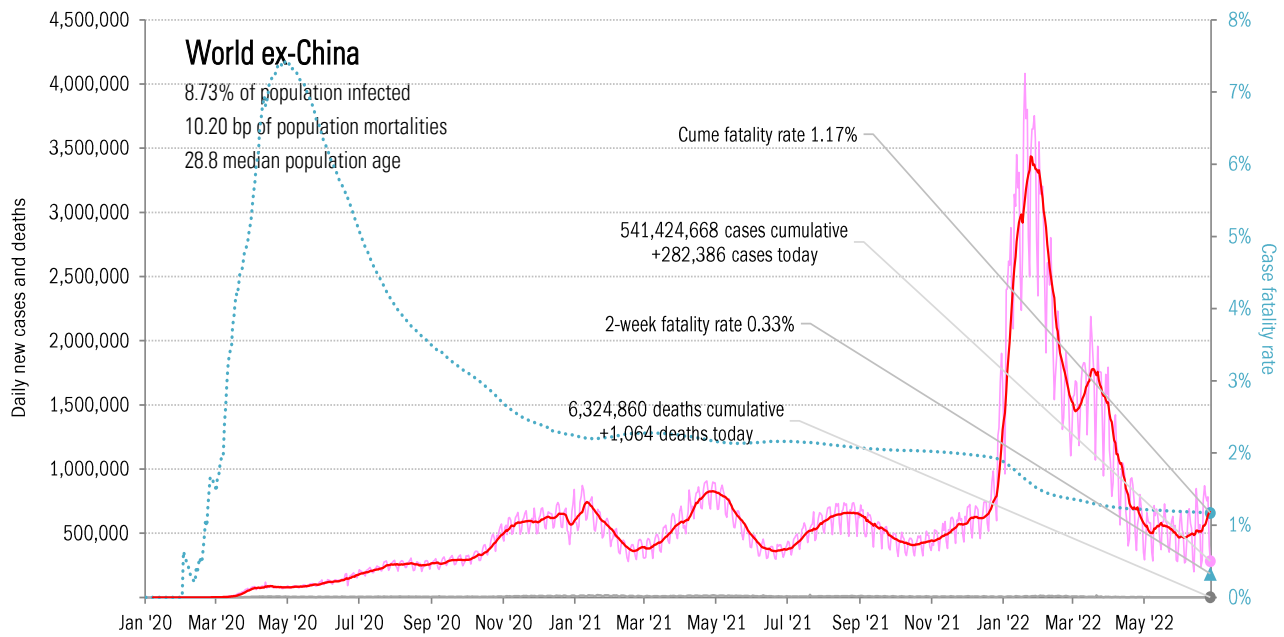
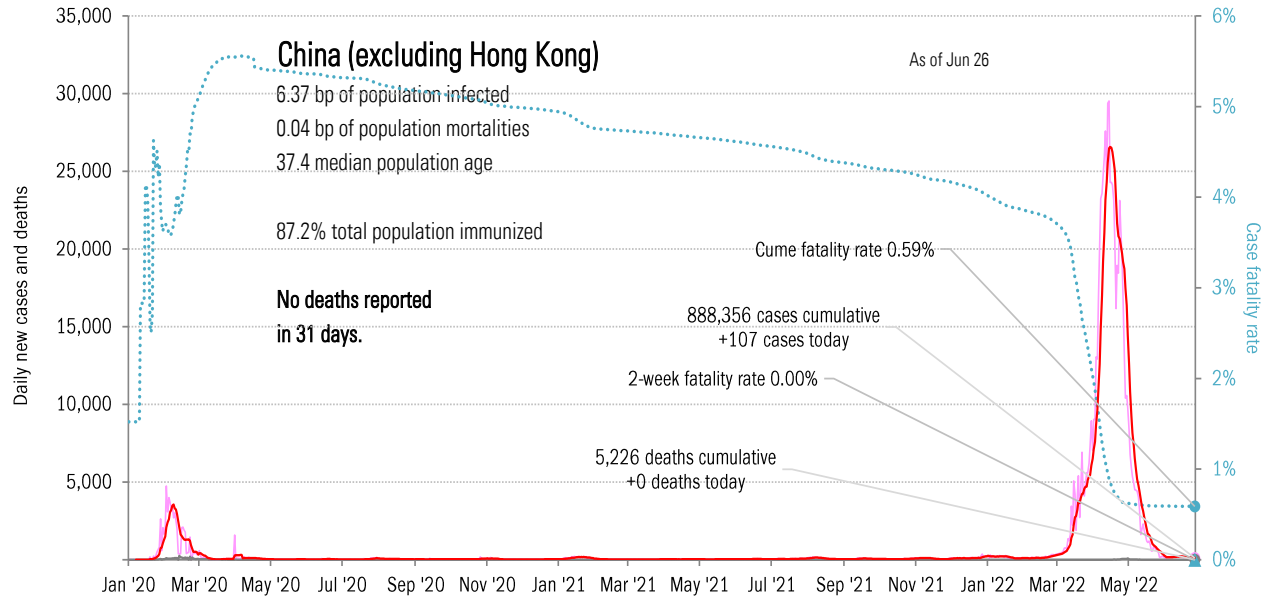
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

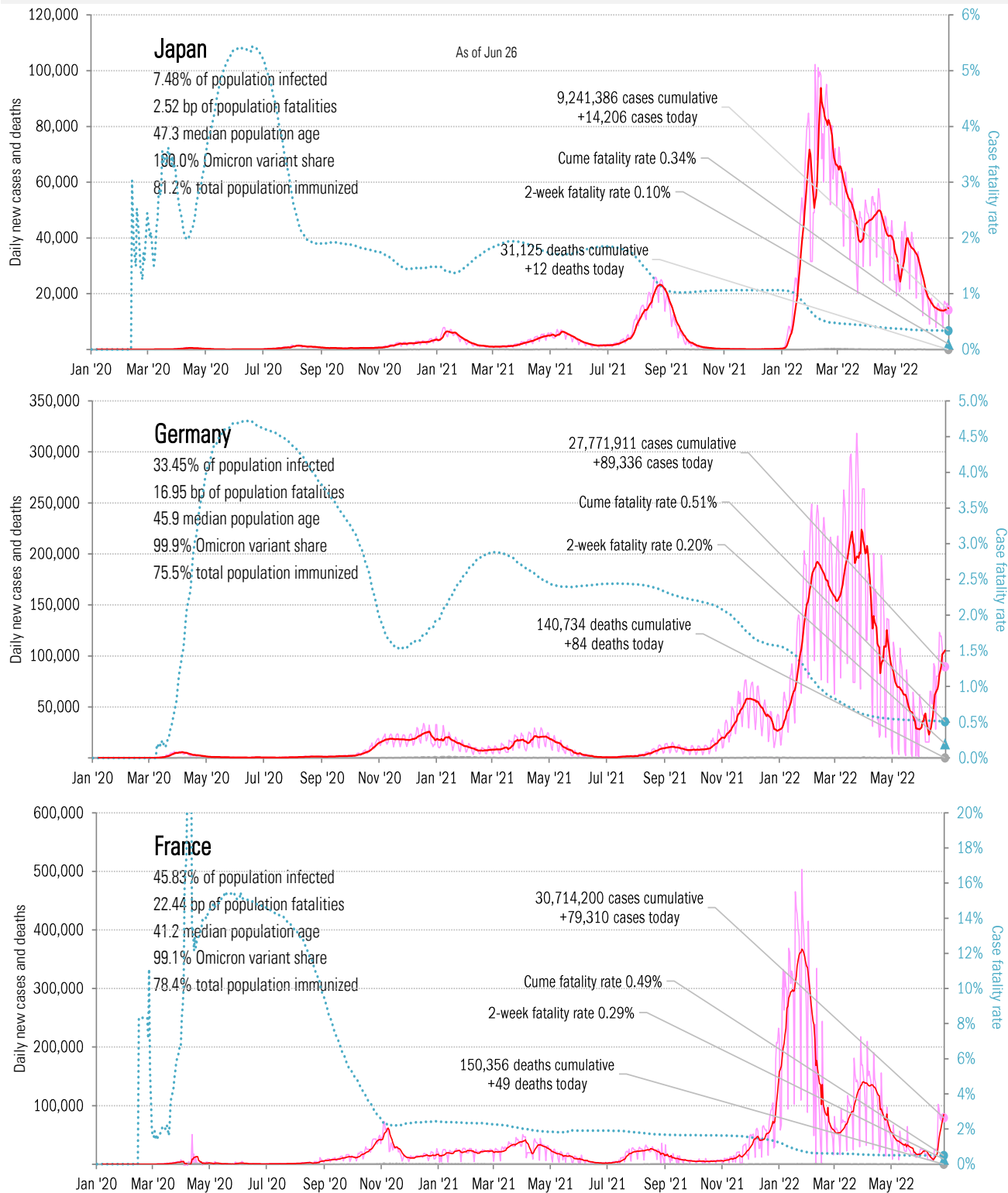
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

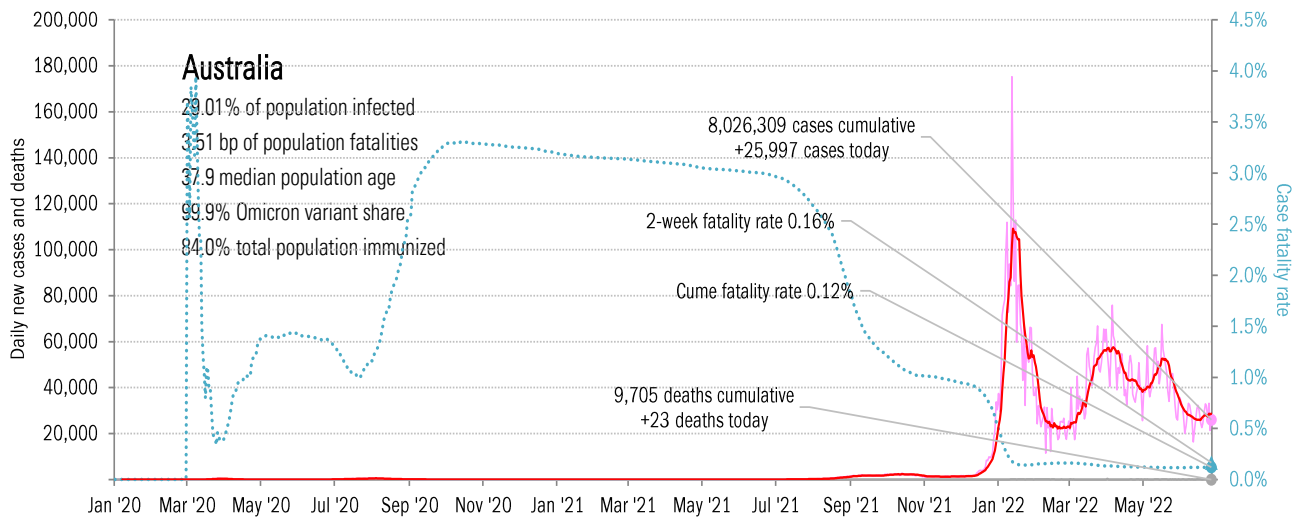
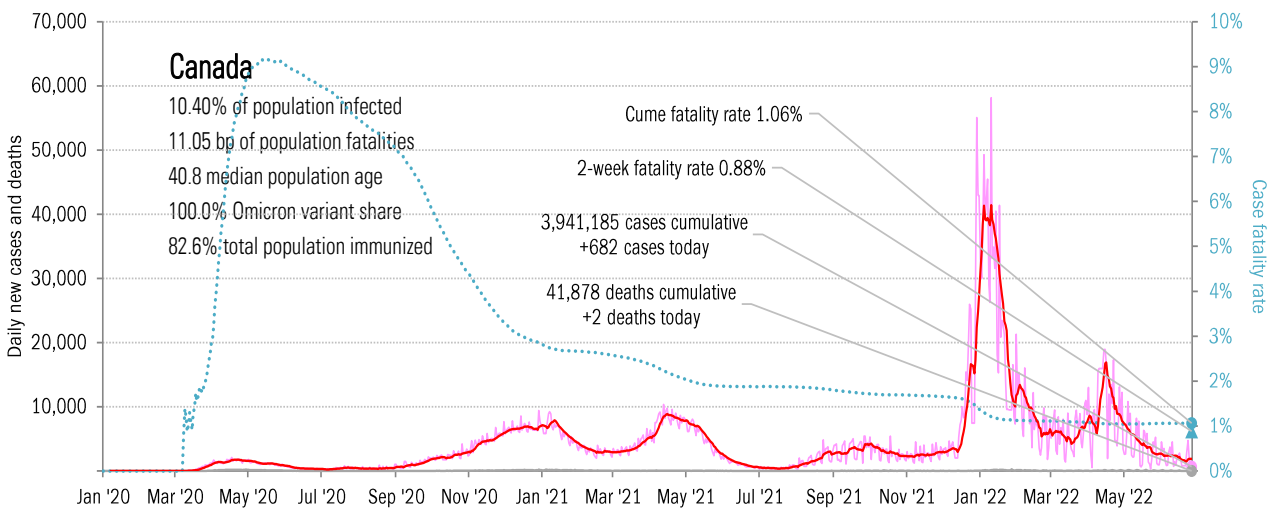
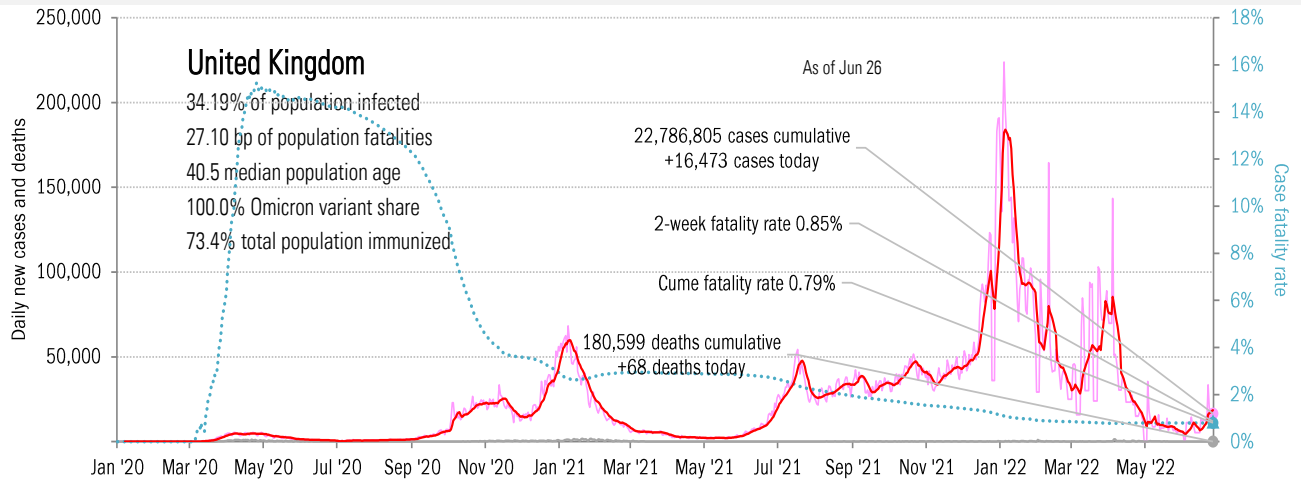
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

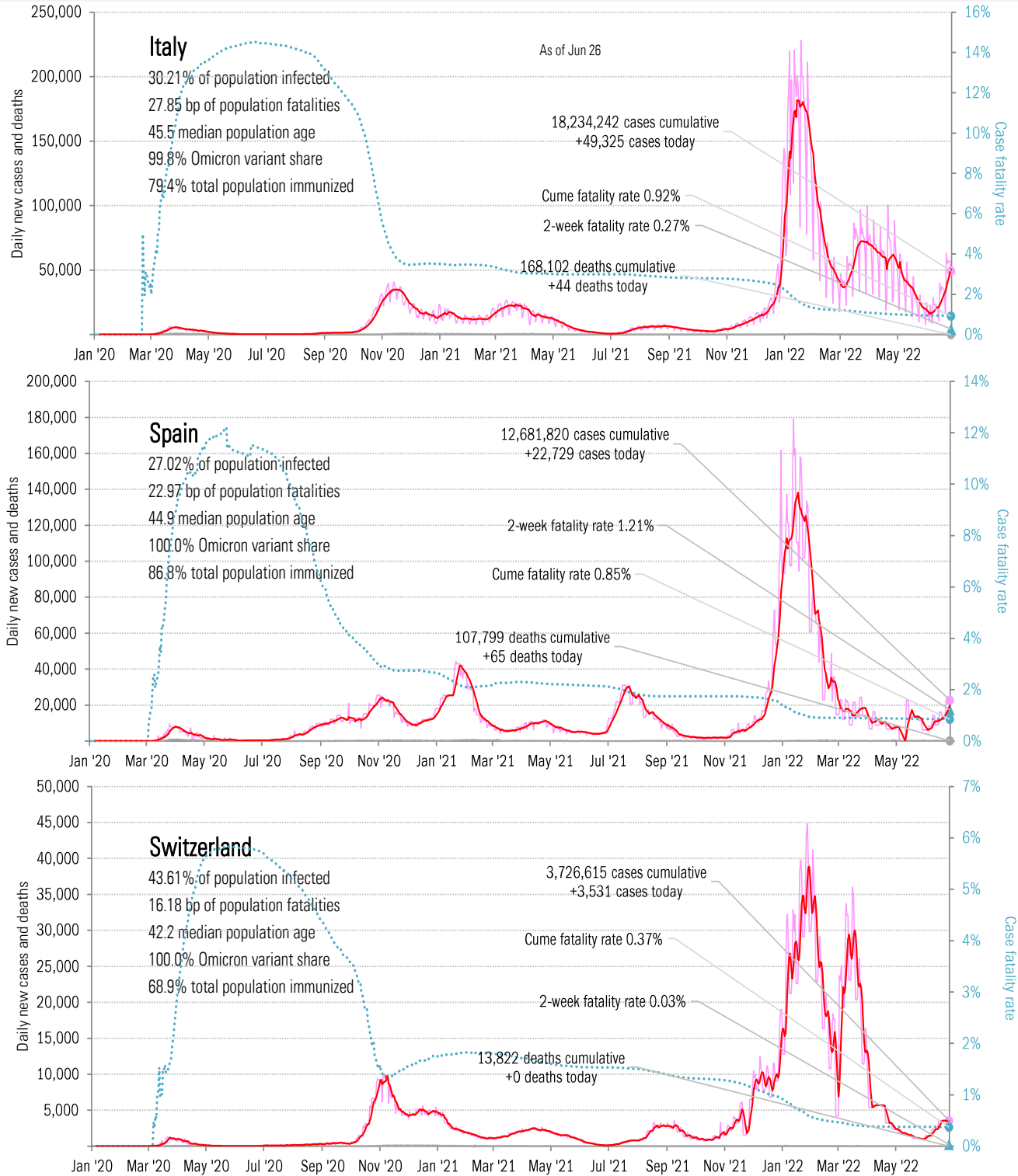
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

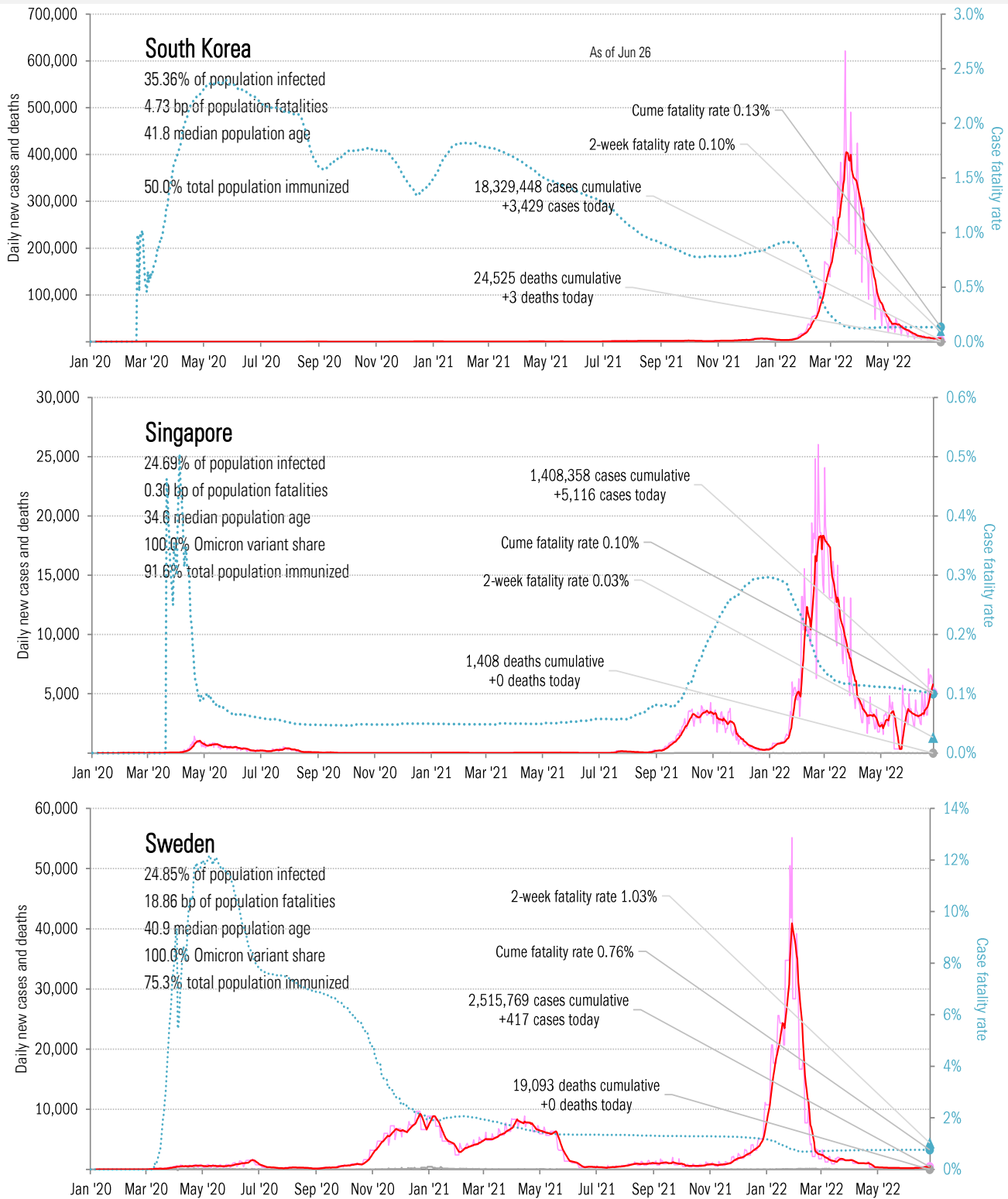
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

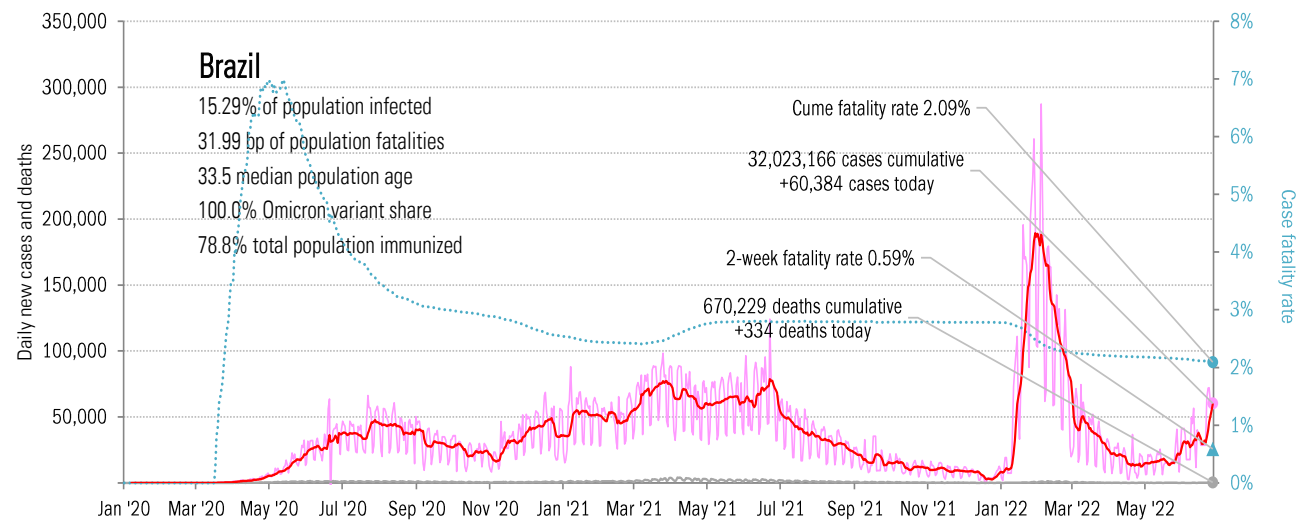
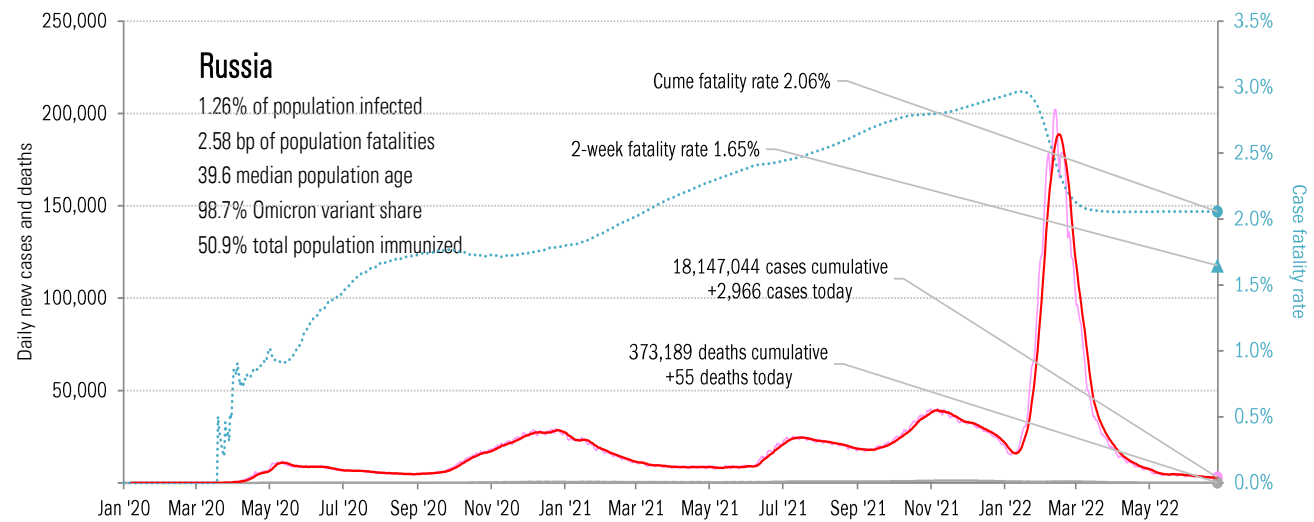
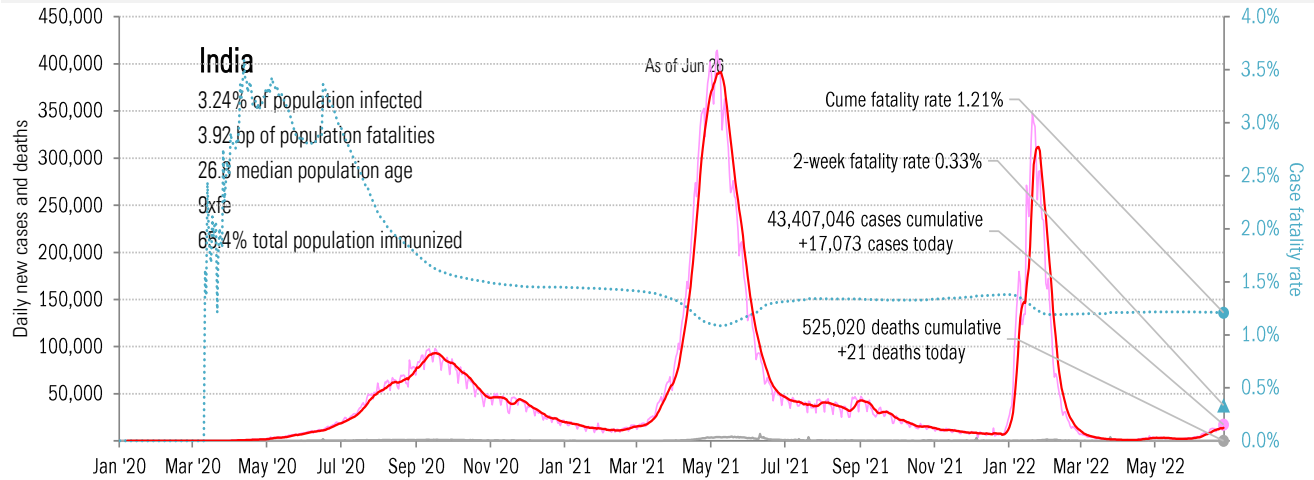
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

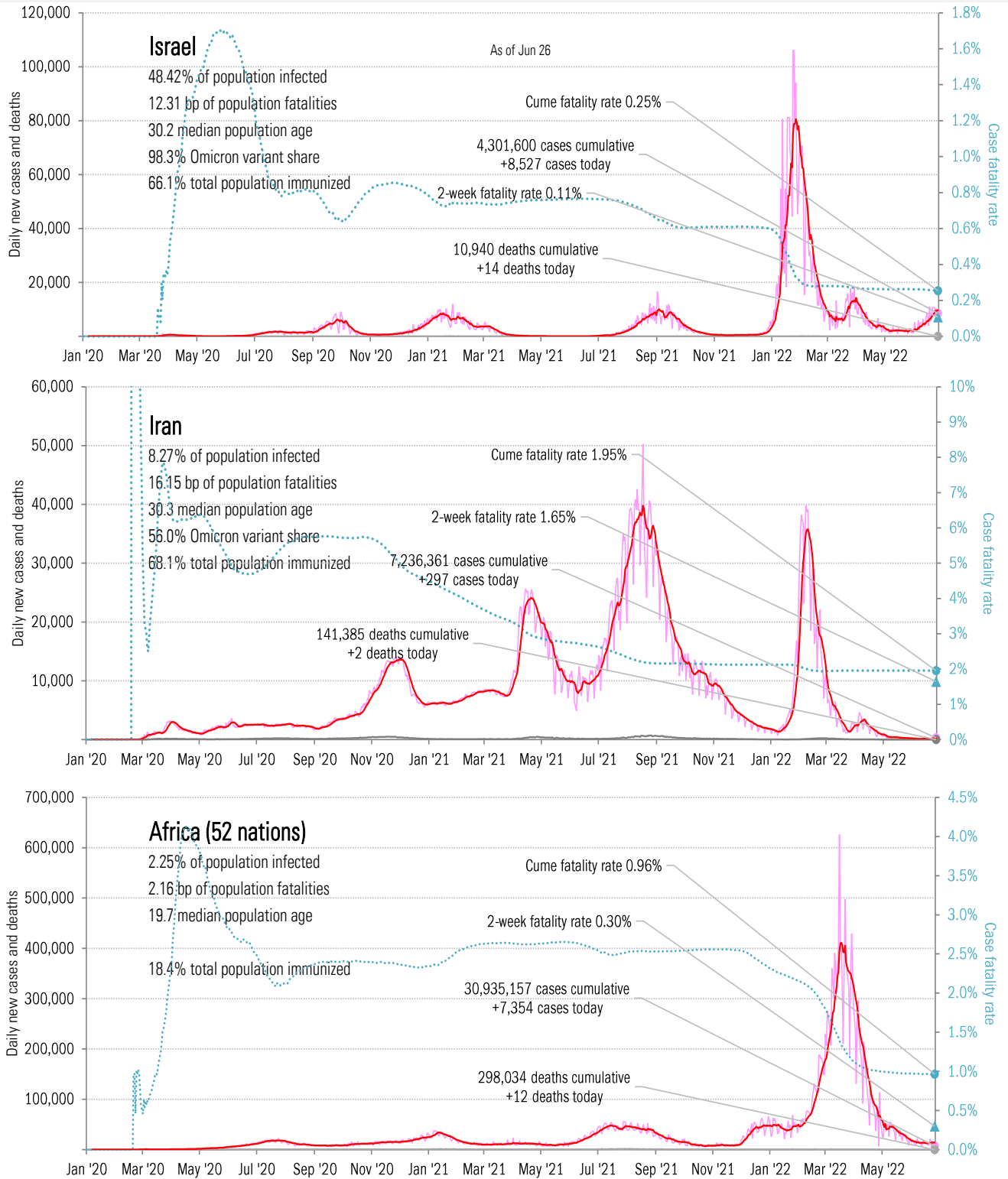
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

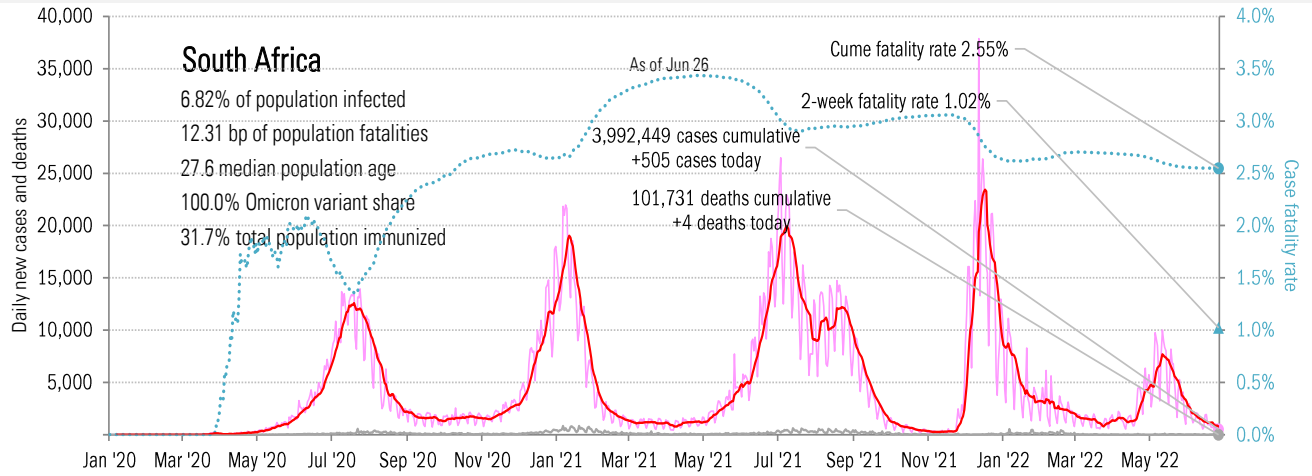
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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