

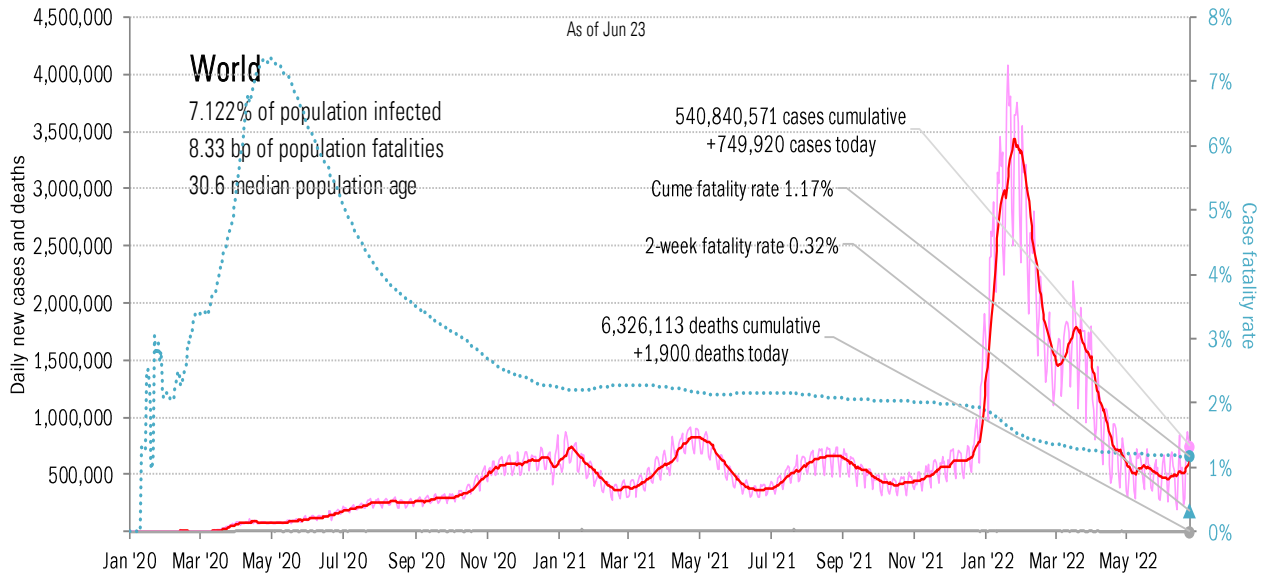
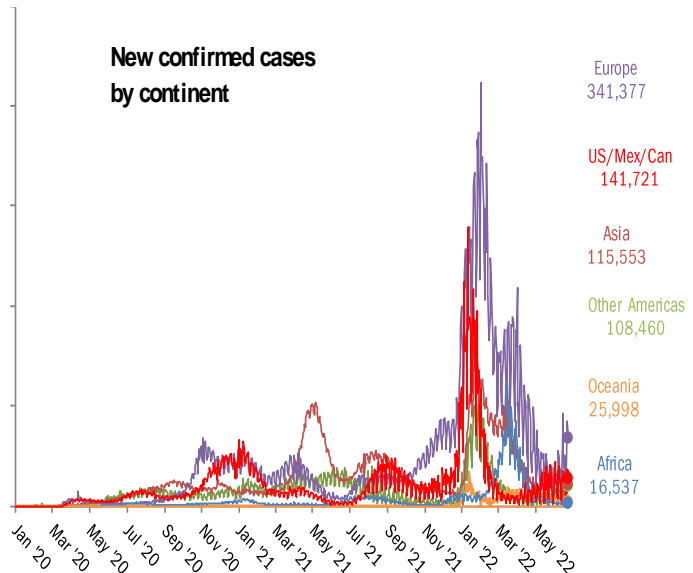
Data Insights: Covid-2019 Monitor

Friday, June 24, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
United States	121,589	United States	480
Germany	108,190	Brazil	365
France	79,852	Taiwan*	166
Brazil	72,049	Germany	90
Italy	57,432	United Kingdom	78
Taiwan*	48,320	Italy	75
Australia	25,882	Canada	70
Colombia	19,697	Russia	67
United Kingdom	18,565	Finland	61
India	17,336	Colombia	52
568,912		1,504	
World 749,920		World 1,900	
Top ten 76%		Top ten 79%	



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

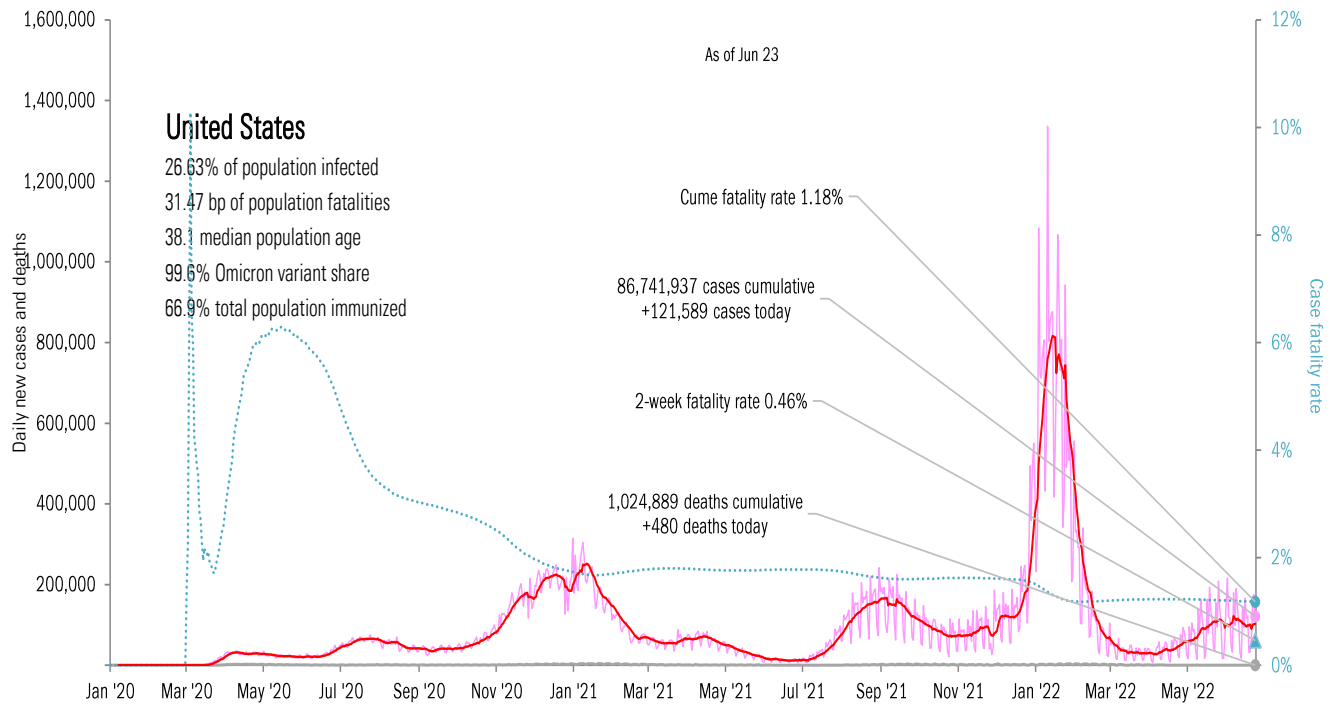
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CH	16,159		CH	121		GA	176		CA	9,969,181		CA	92,035		TX	501,436		RI	91%	DE	87%
CO	13,041		FL	46		SC	99		TX	7,115,160		TX	88,604		CA	445,787		MA	87%	RI	83%
TX	11,761		NY	38		FL	624		FL	6,399,246		FL	75,382		FL	438,766		MN	85%	NH	83%
FL	10,572		WV	36		TN	88		NY	5,570,347		NY	69,545		NY	268,636		GA	84%	NM	82%
UT	6,776		CA	27		IL	208		IL	3,401,621		PA	45,657		GA	208,861		DE	84%	TX	82%
NY	5,953		MN	24		AZ	136		PA	2,987,357		CH	38,778		CH	198,737		MD	83%	MA	81%
FR	5,821		CO	21		CA	524		NC	2,843,077		IL	38,483		PA	185,839		NH	83%	WA	81%
CA	5,585		IL	20		MS	51		CH	2,831,228		GA	38,447		IL	167,165		PA	83%	AL	80%
MN	4,584		OR	20		MN	70		GA	2,626,597		MI	36,744		MI	149,180		MO	83%	VT	80%
CK	4,382		TX	20		MA	88		MI	2,592,078		NJ	33,980		KY	135,602		WA	83%	NC	80%
84,634			373			2,064			46,335,892			557,655			2,700,009						
All states	121,589		480		4,745		All states	86,741,937		1,024,889		4,904,935		All states	70%	67%					
Top ten	70%		78%		43%		Top ten	53%		55%		55%		Median	76%	73%					

Some states not reporting

Five most improved US states

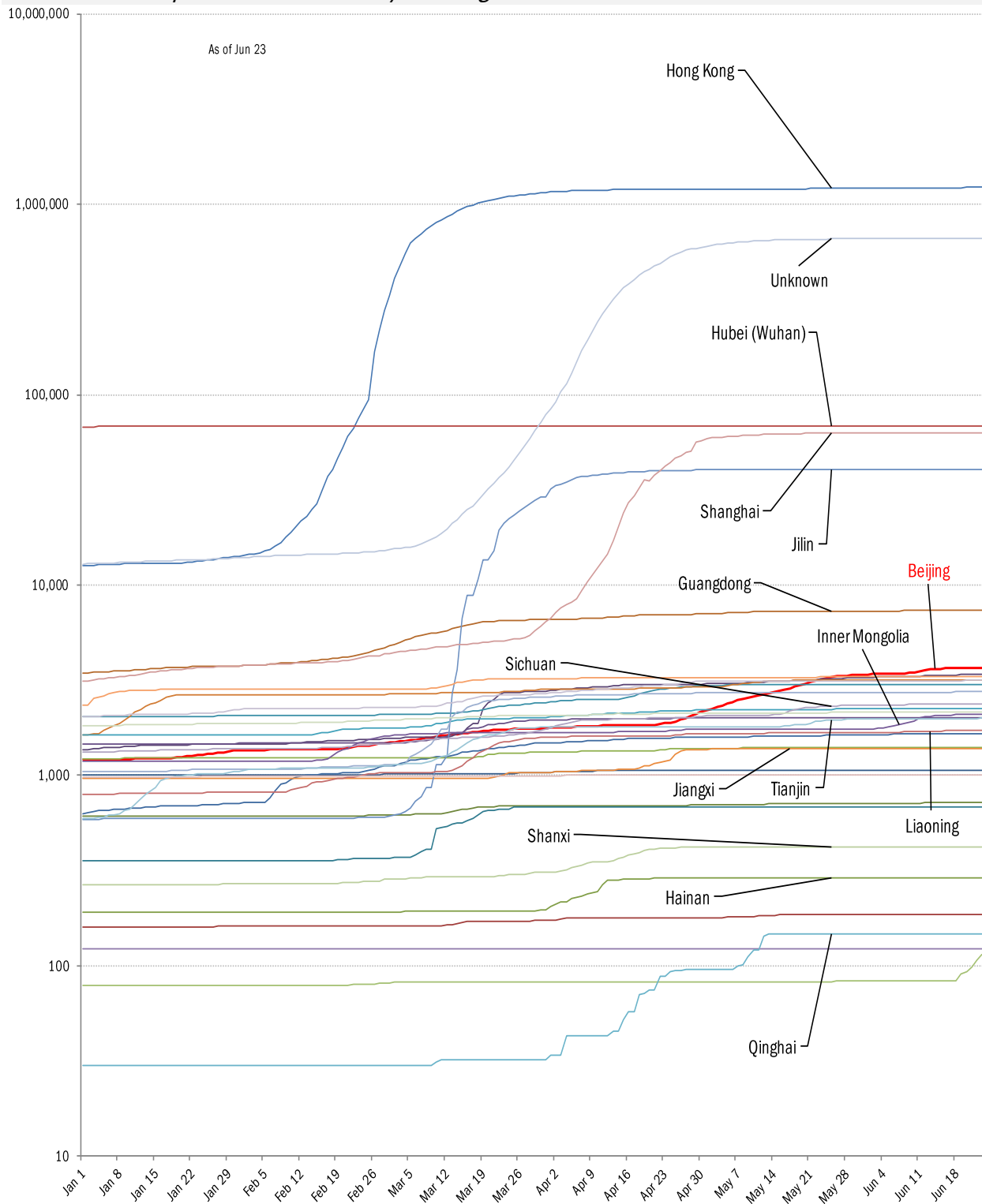
Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
NC -19,098	GA -87	TX -169	AL +10 bp
GA -18,425	PA -77	NY -55	AR +10 bp
PA -12,326	TN -77	KY -39	CT +10 bp
WA -11,799	MI -69	FR -30	DE +10 bp
MI -10,681	IA -65	MI -26	FL +10 bp



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"

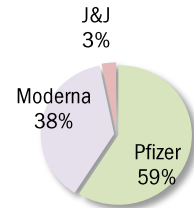


Source: [Johns Hopkins](#), TrendMacro calculations

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	France 78.4% 80.8%
Age 12 to 17	17,887,639	71%	15,325,994	61%	+0.002 million	Spain 86.7% 88.2%
Age 18 to 64	179,463,763	88%	152,670,205	75%	+0.015 million	Germany 75.5% 77.1%
Age 65 and over	59,303,568	100%	51,846,769	95%	+0.006 million	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%



AK	70.2%
	62.9%

State

At least partial immunity as % population

Full immunity as % population

Best (Blue)

Middle (Purple)

Worst (Red)

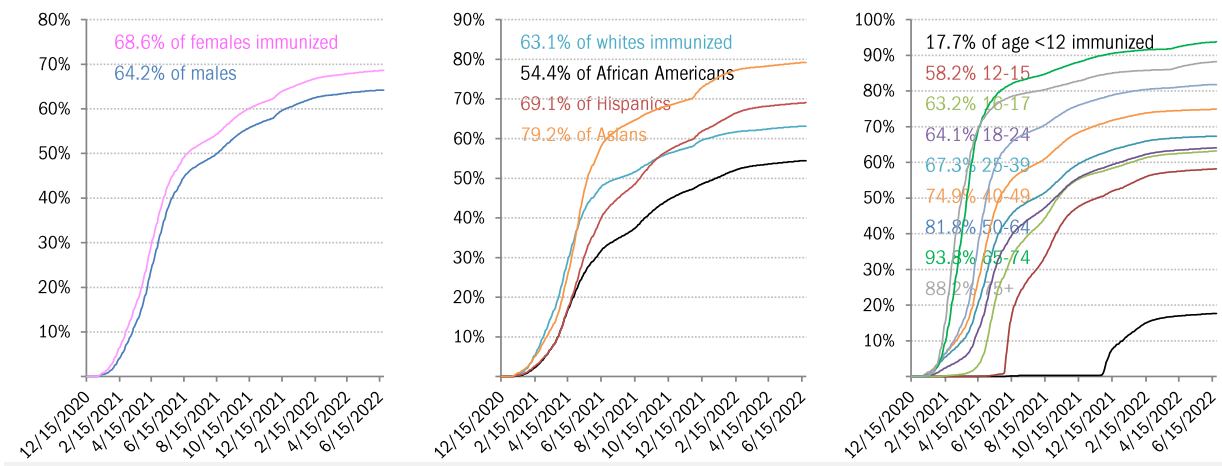
Immunity = two doses

Global data differs due to sources, timing

As of Jun 23

					WI							ME
					72.3%							91.6%
					66.1%							80.4%
WA	ID	MT	ND	MN	IL	MI			NY	VT		NH
81.4%	62.2%	65.8%	66.1%	75.6%	76.3%	67.4%			90.9%	94.4%		89.4%
73.1%	55.8%	57.3%	55.9%	69.7%	69.1%	60.6%			77.7%	81.9%		71.5%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA		
78.5%	76.0%	58.5%	77.6%	68.3%	62.5%	63.6%	85.9%		91.2%	95.0%		
70.2%	61.4%	51.3%	62.5%	62.4%	56.4%	58.8%	69.4%		76.4%	79.9%		
CA	UT	CO	NE	MO	KY	WV	VA		MD	CT		RI
82.8%	72.5%	80.0%	70.8%	66.7%	66.6%	65.5%	86.5%		87.3%	95.0%		95.0%
72.8%	64.6%	70.8%	64.1%	56.6%	57.8%	58.1%	74.0%		76.4%	80.1%		83.7%
	AZ	NM	KS	AR	TN	NC	SC		DC	DE		
	74.1%	88.9%	73.0%	67.3%	62.6%	85.6%	68.3%		95.0%	84.0%		
	62.3%	71.9%	62.5%	55.0%	55.0%	62.4%	57.6%		76.2%	70.0%		
			OK	LA	MS	AL	GA					
			71.7%	61.5%	60.0%	63.2%	66.0%					
			57.9%	53.9%	52.2%	51.6%	55.3%					
			TX									
			74.2%									
			62.2%									
									FL			PR
									80.0%			95.0%
									67.6%			83.6%

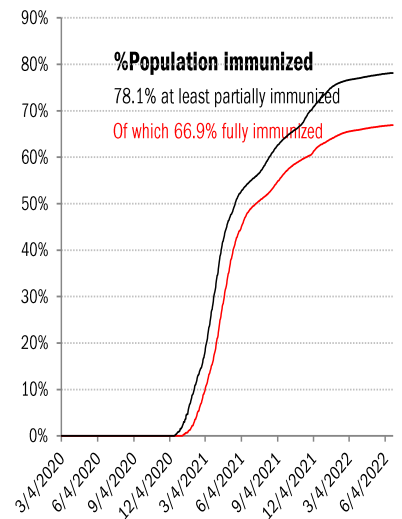
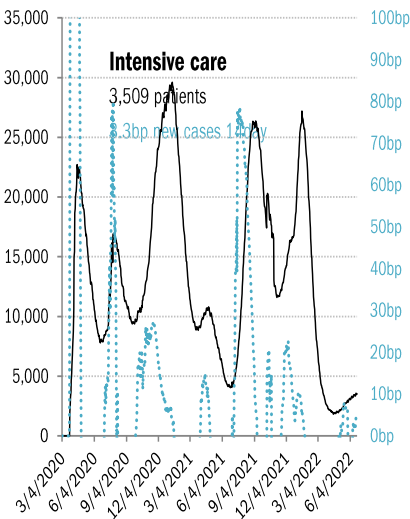
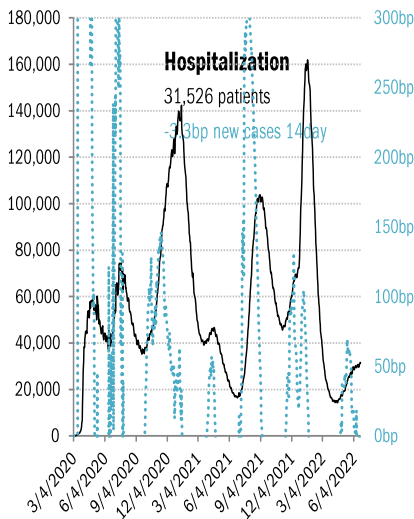
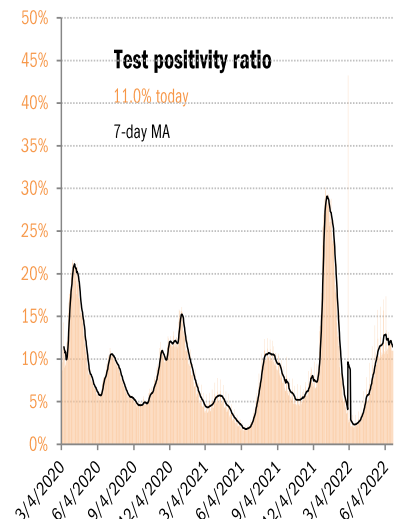
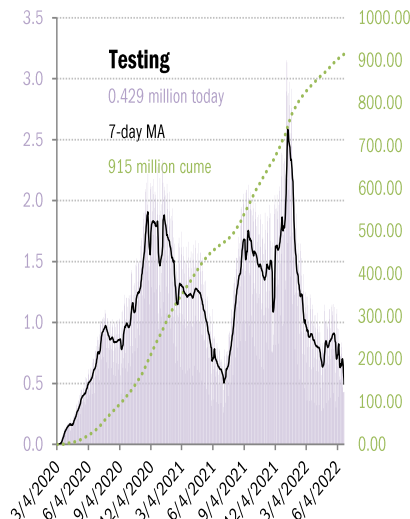
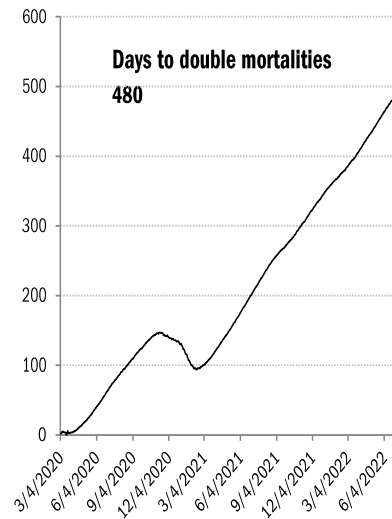
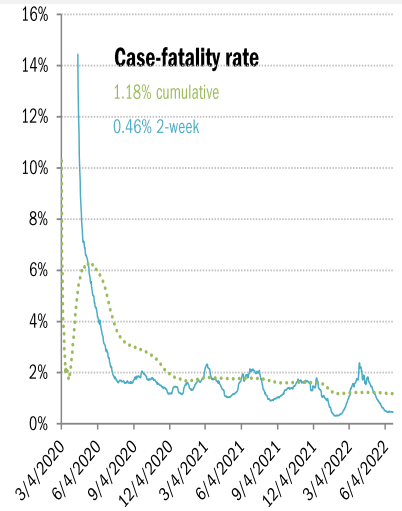
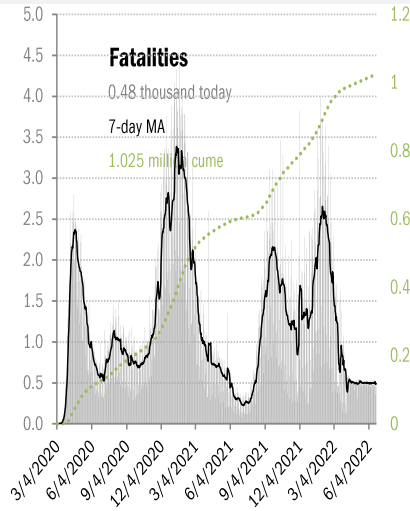
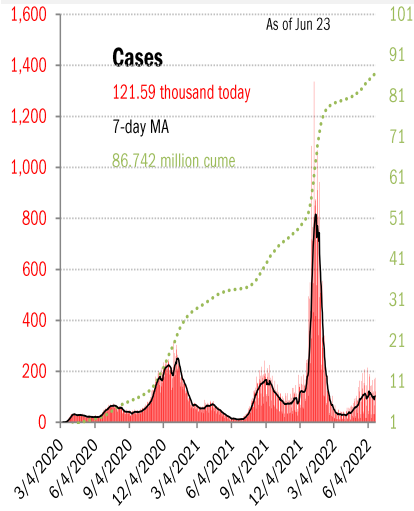
The demographics of US vaccination



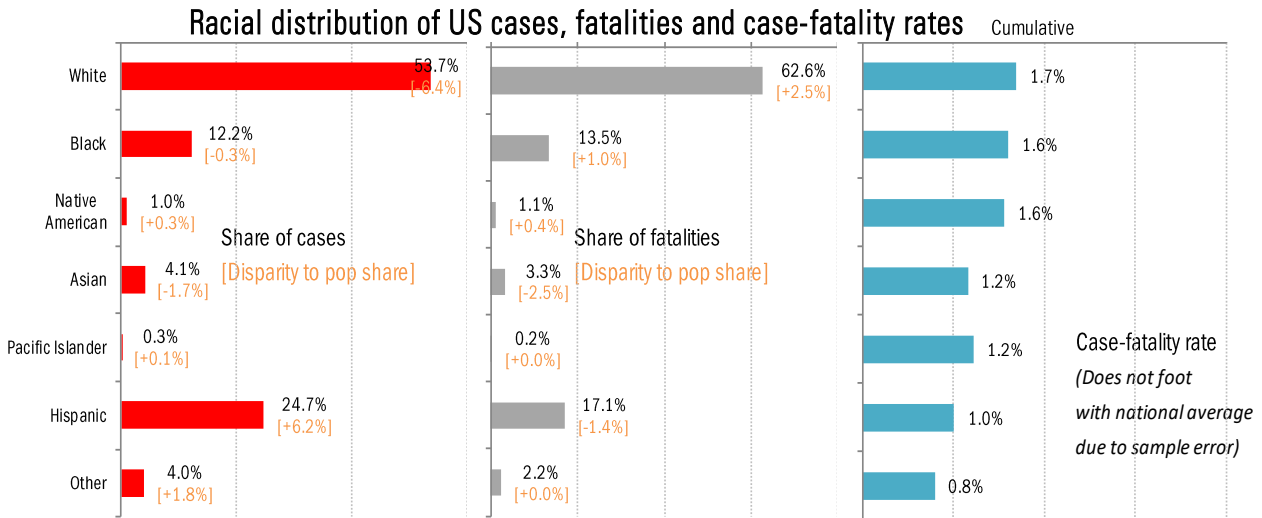
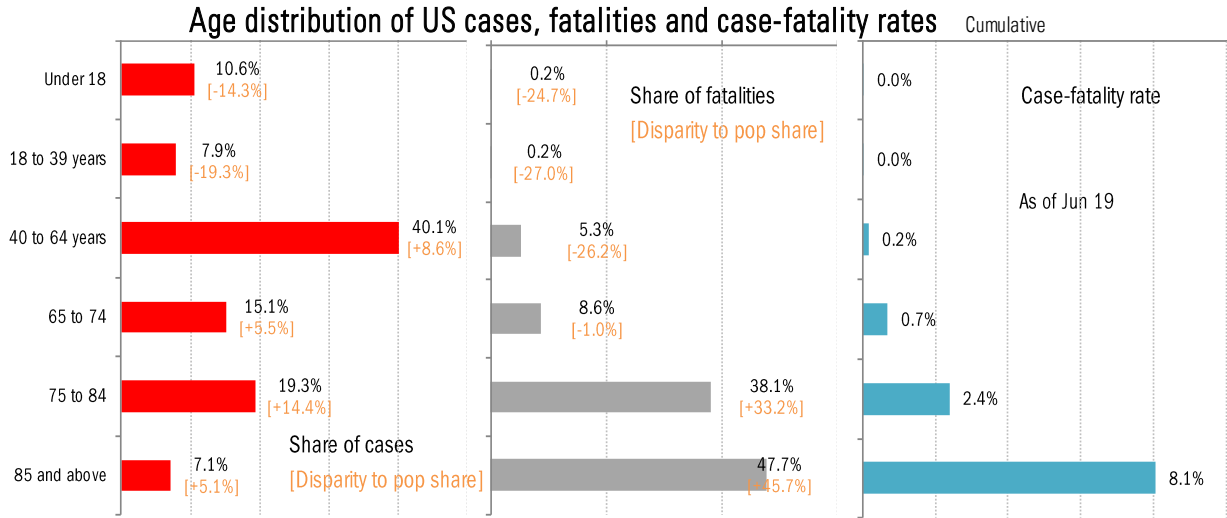
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

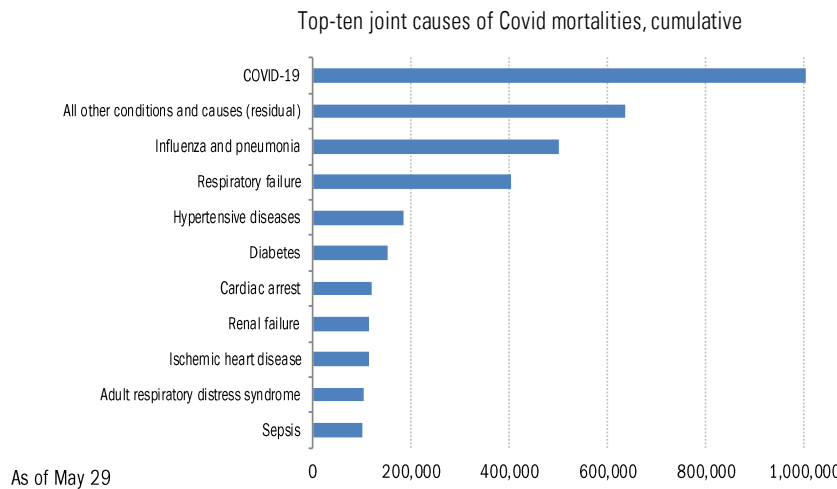
National and state-by-state data do not line up because of different sources



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



Comorbidities



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: Majority Say Danger Is Mostly Past](#)

Rasmussen Reports

June 22, 2022

[Summer school could become the norm for students](#)

Erin Doherty

Axios

June 20, 2022

[How Russia 'FAKED' its Covid vaccine trial and made billions along the way': Scientists find 'ridiculous' anomalies in Kremlin jab data and say there's only a 0.02% chance trial results were genuine](#)

Connor Boyd

Daily Mail

June 21, 2022

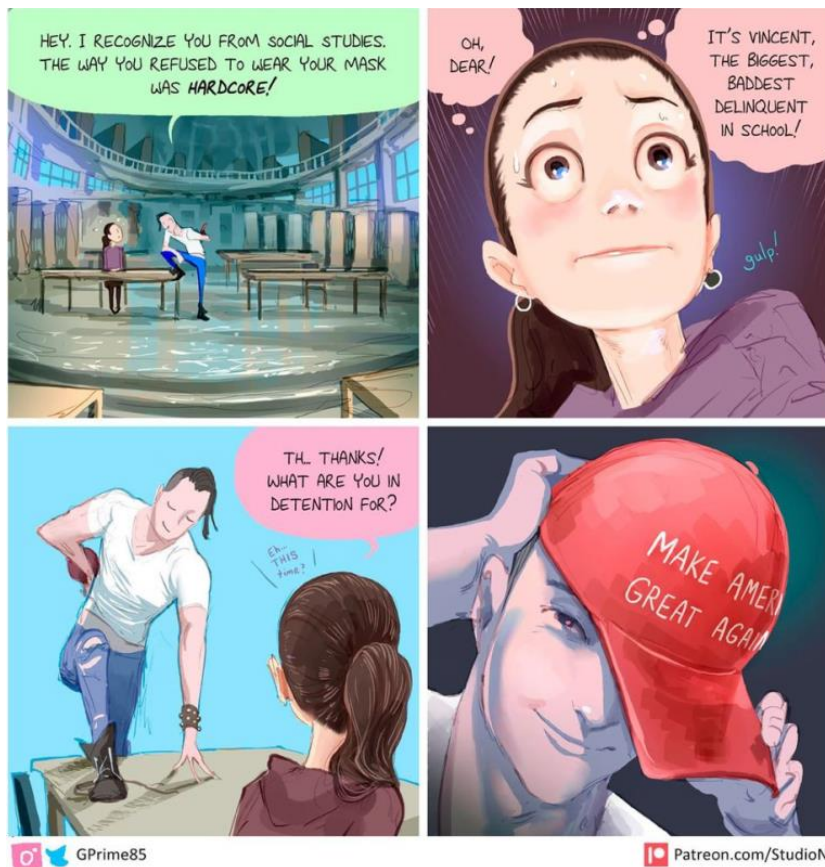
[Publix Announces it Will Not Distribute COVID-19 Vaccine to Children](#)

Eric Lendrum

American Greatness

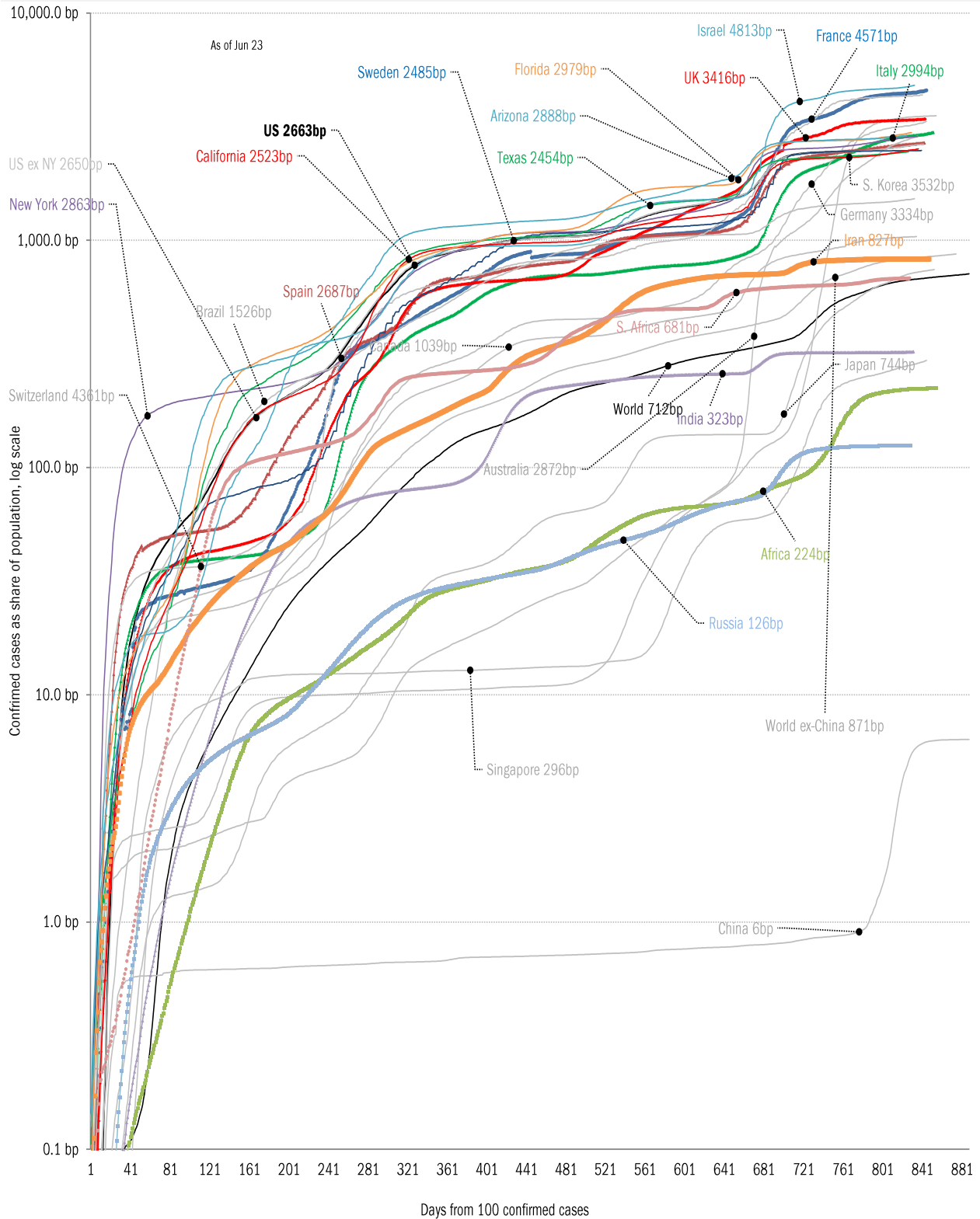
June 23, 2022

Meme of the day



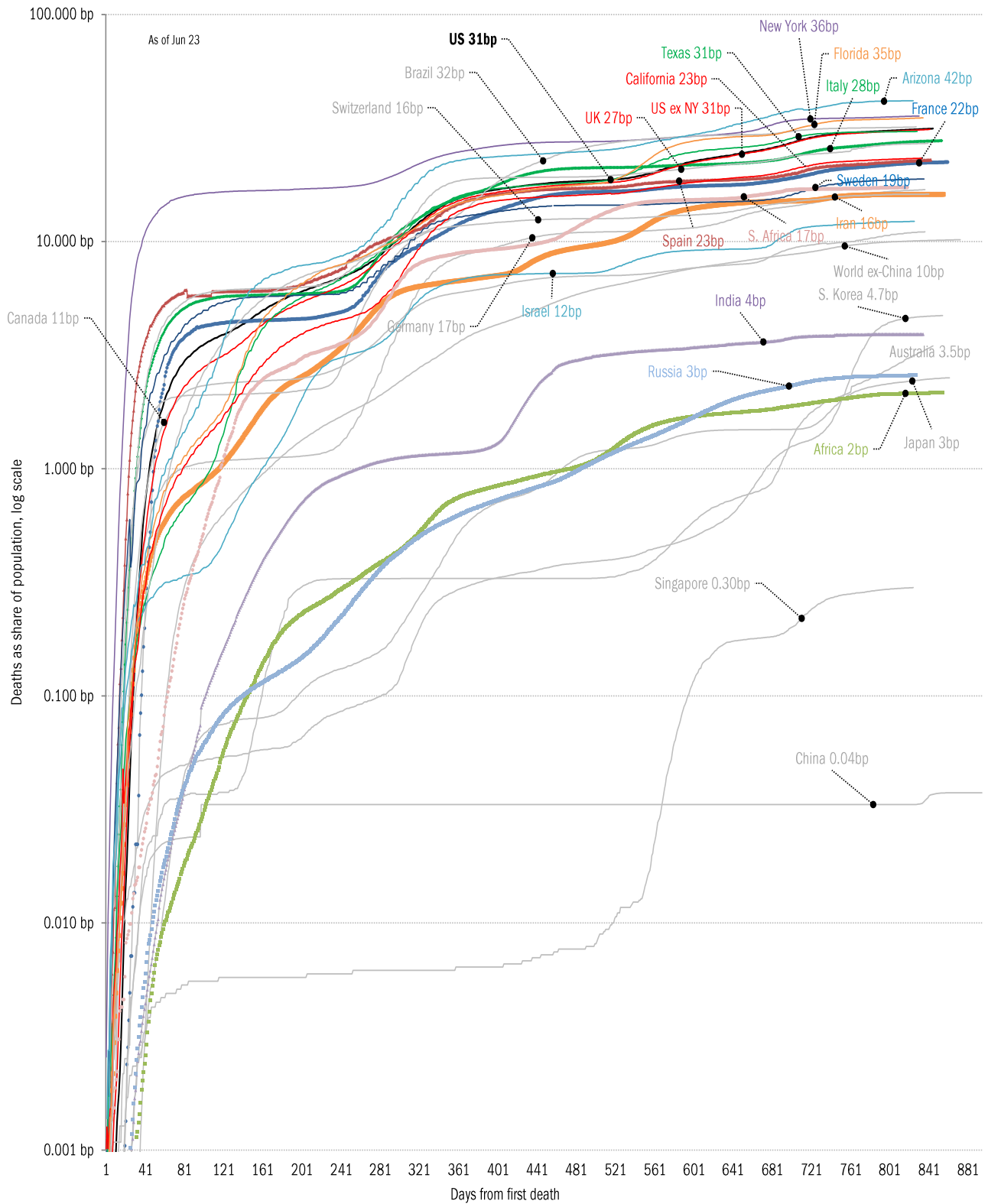
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

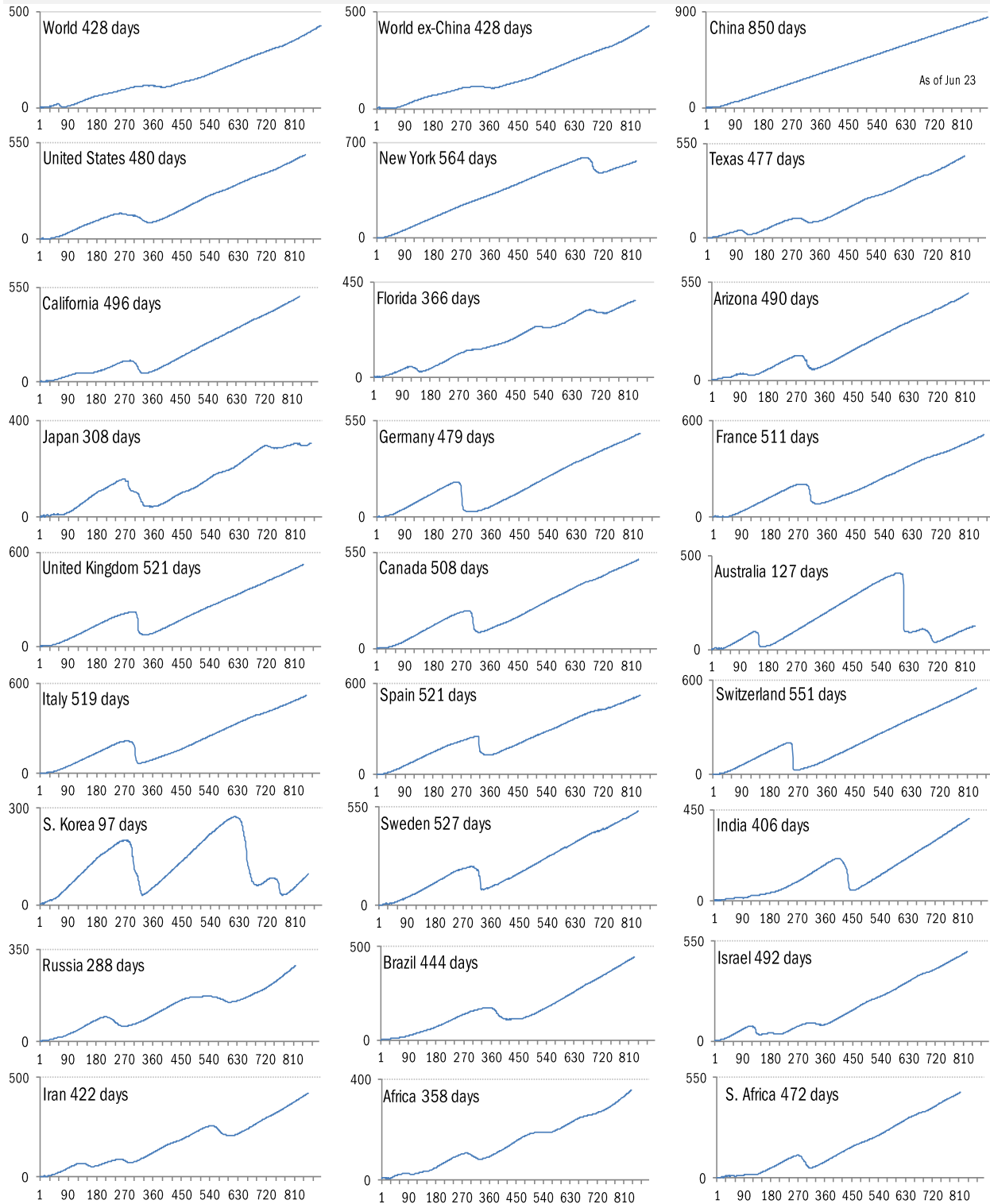


Source: [Johns Hopkins](#), TrendMacro calculations

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

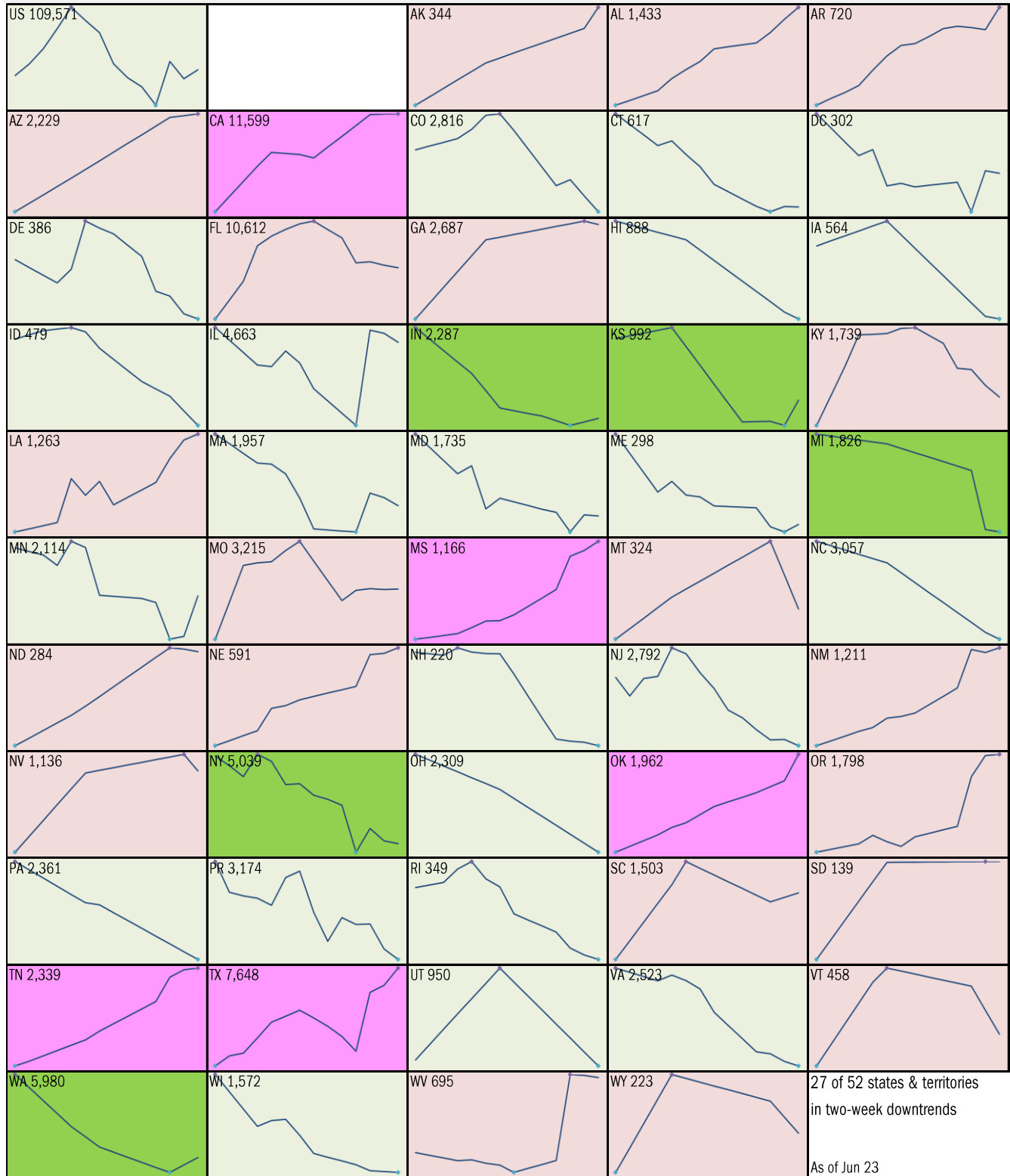


Source: [Johns Hopkins](#), TrendMacro calculations

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

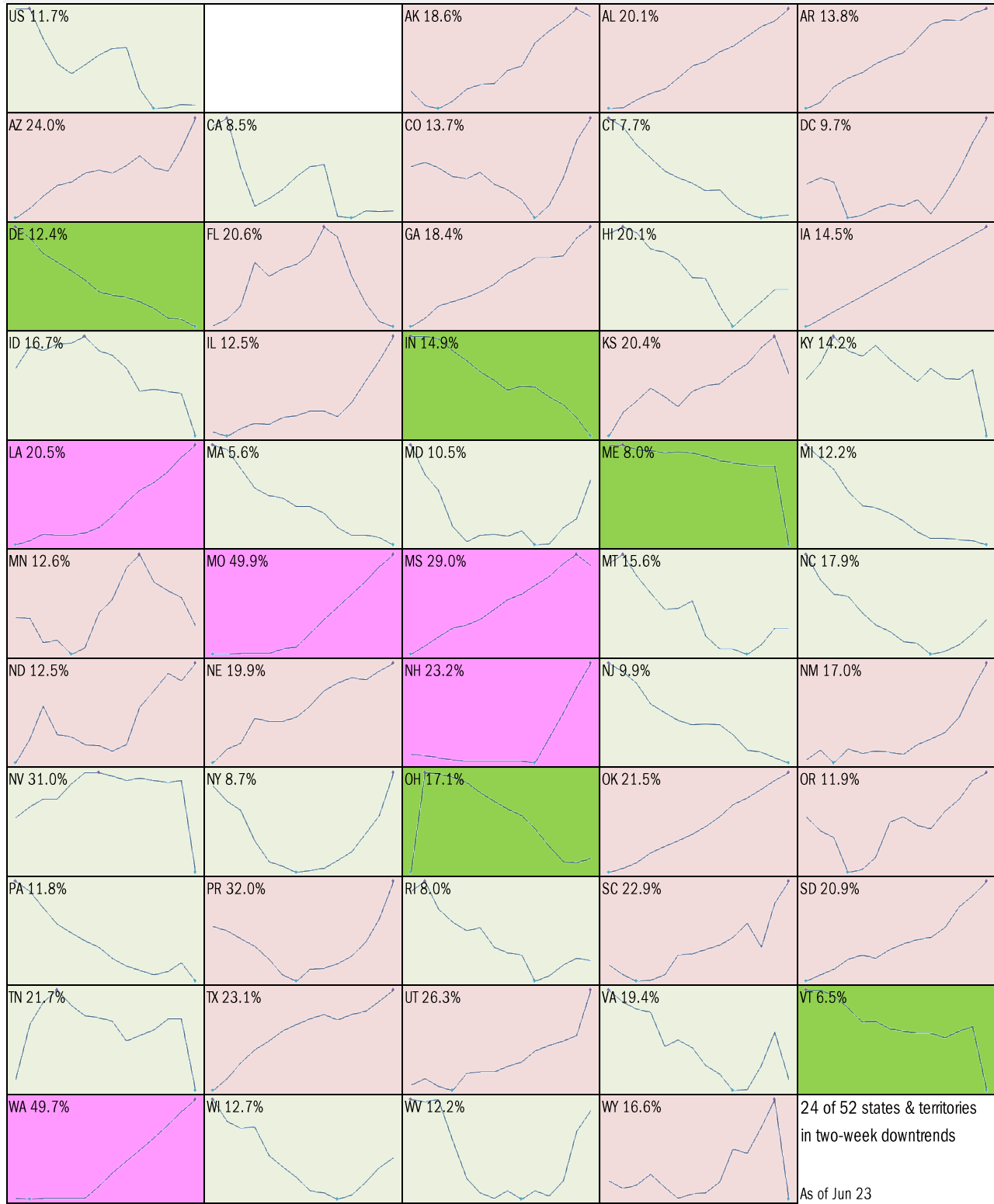


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

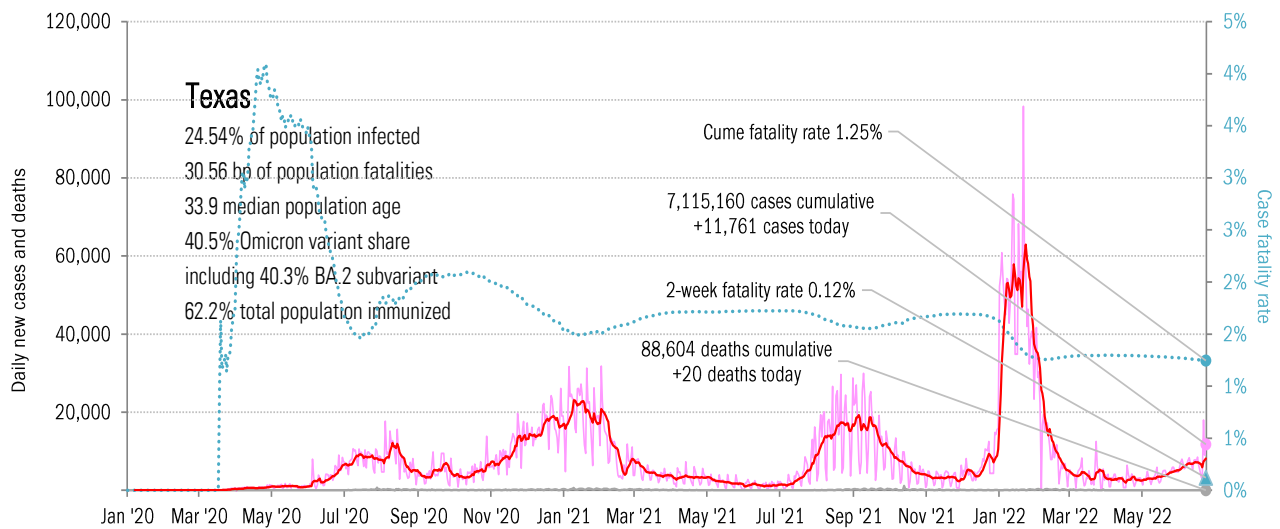
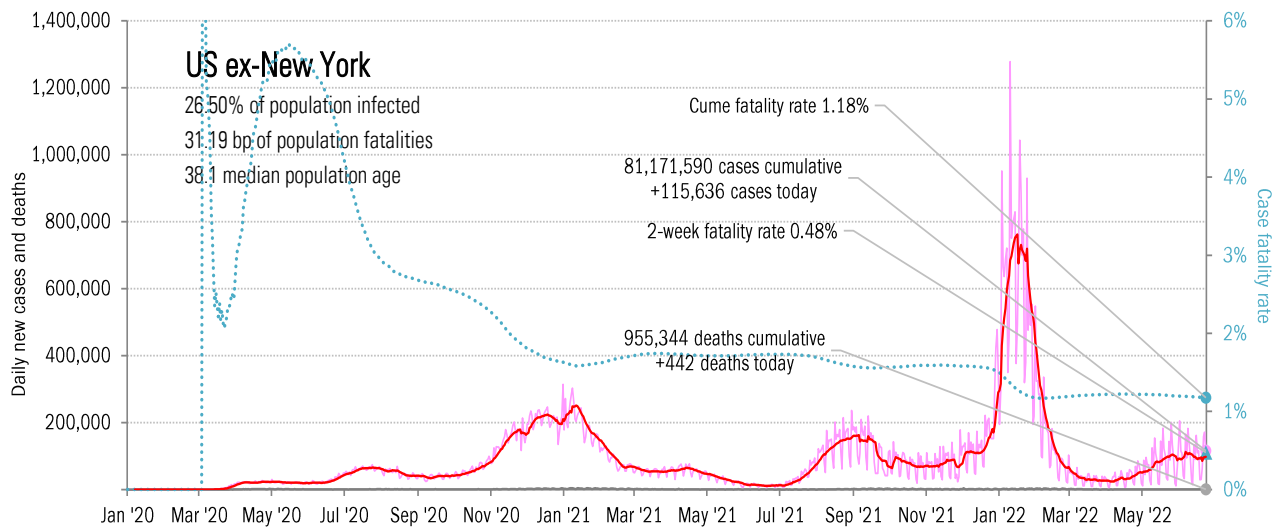
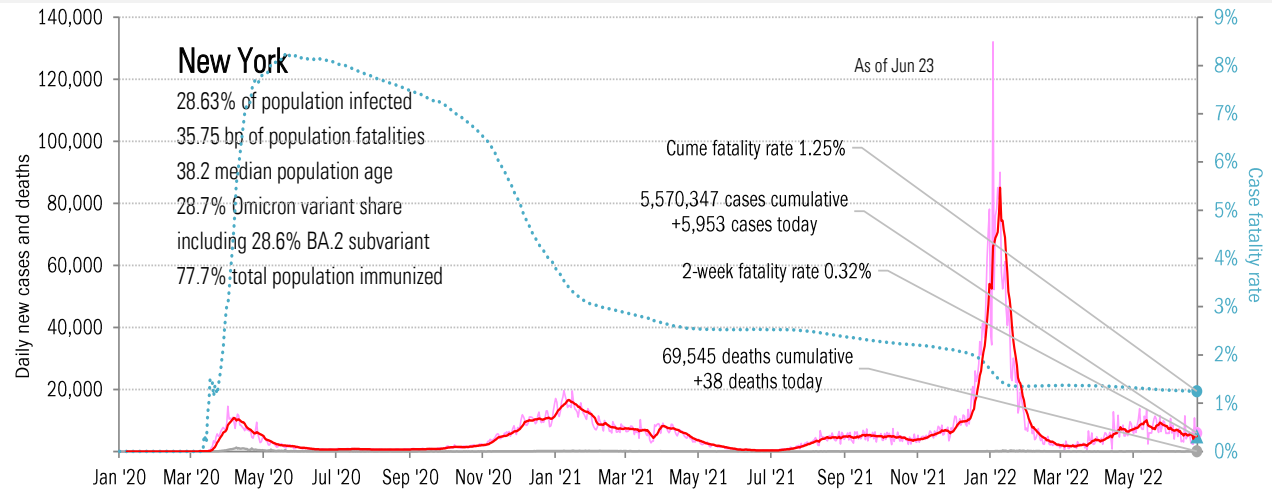
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

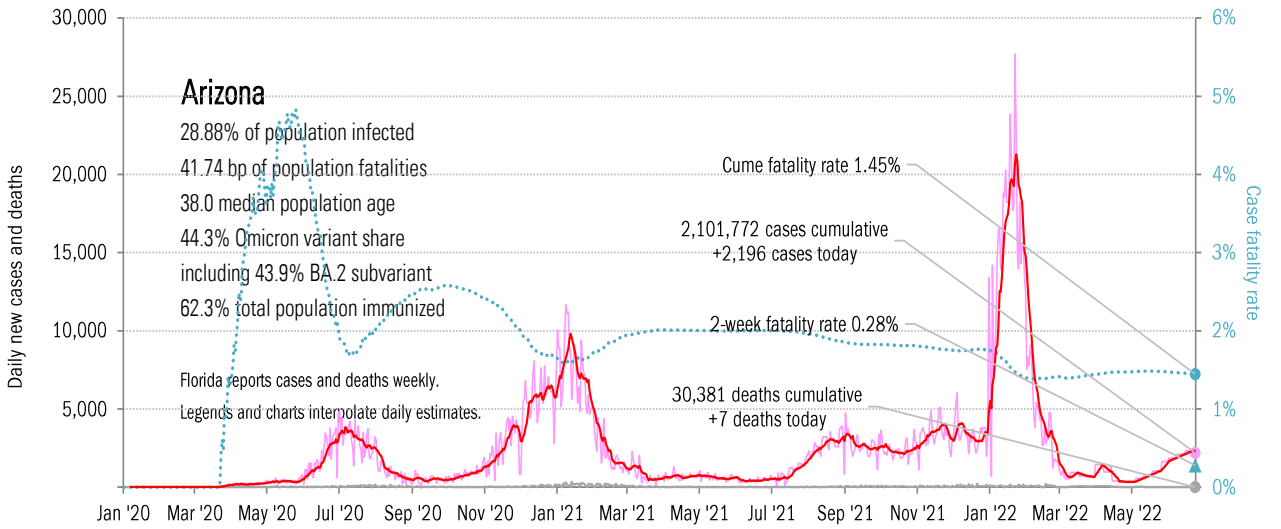
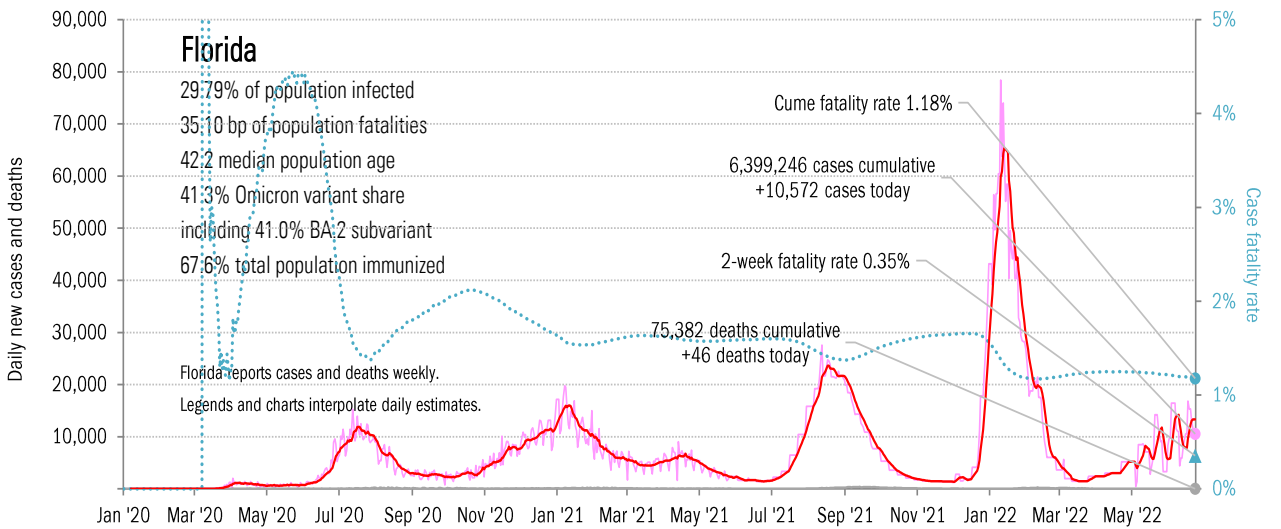
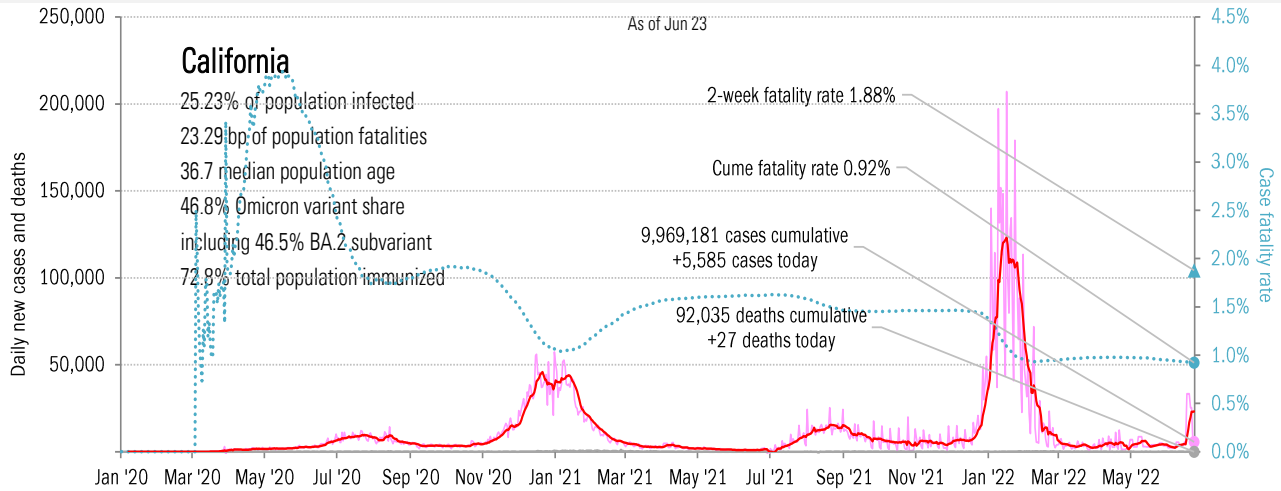
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

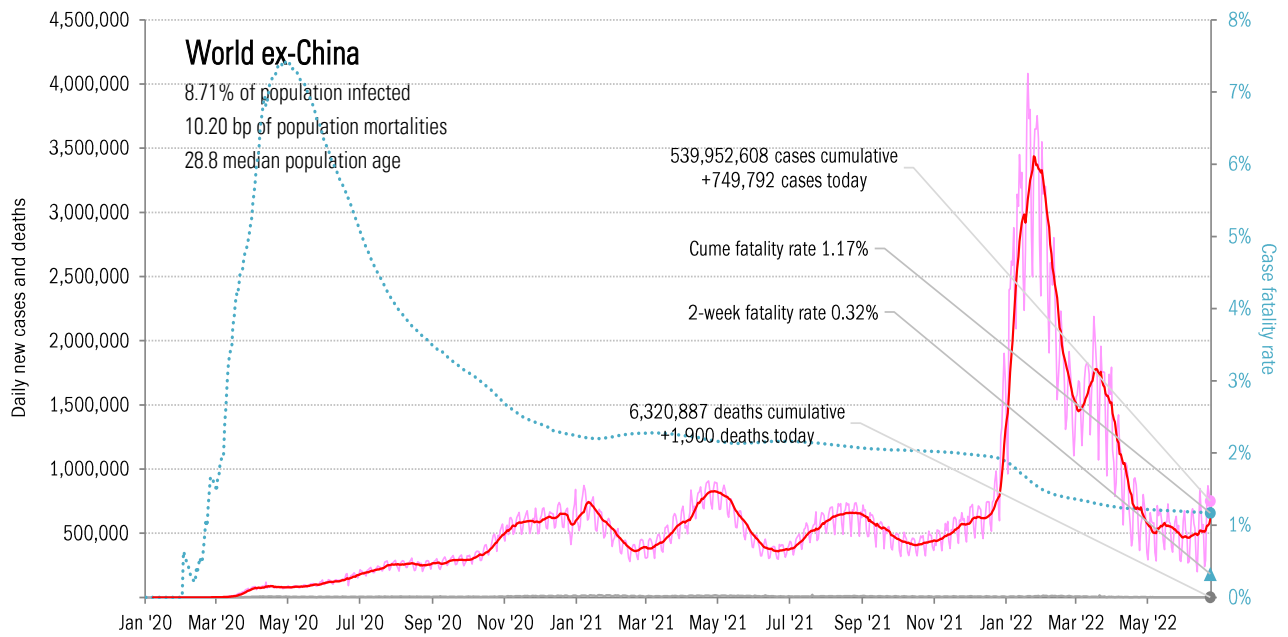
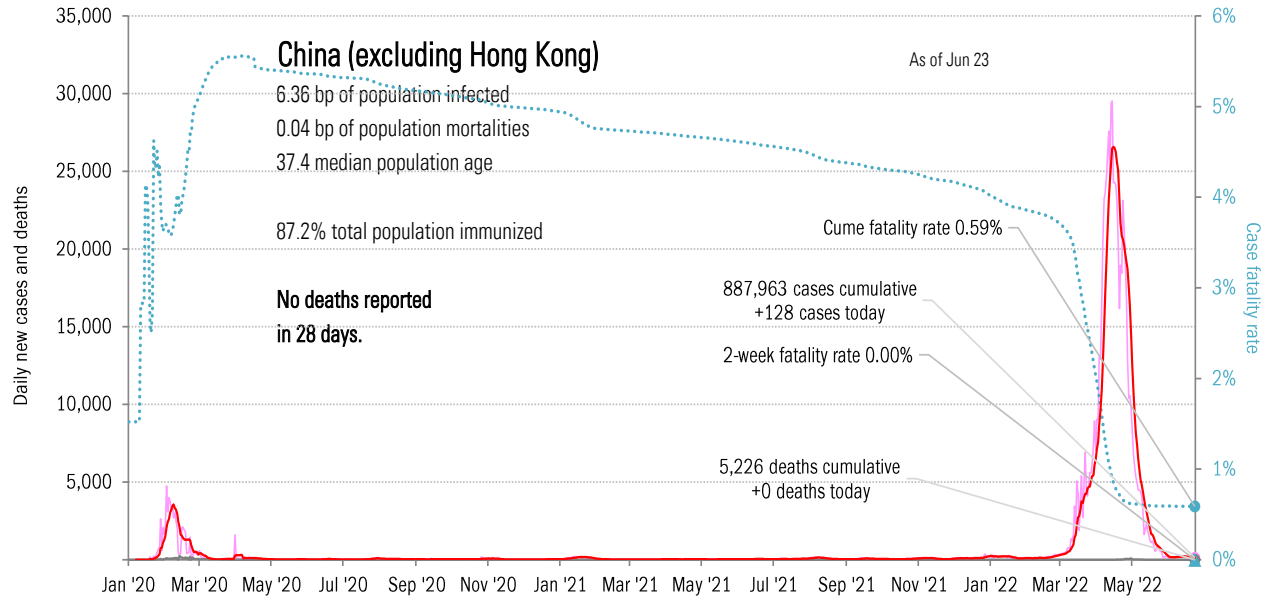
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

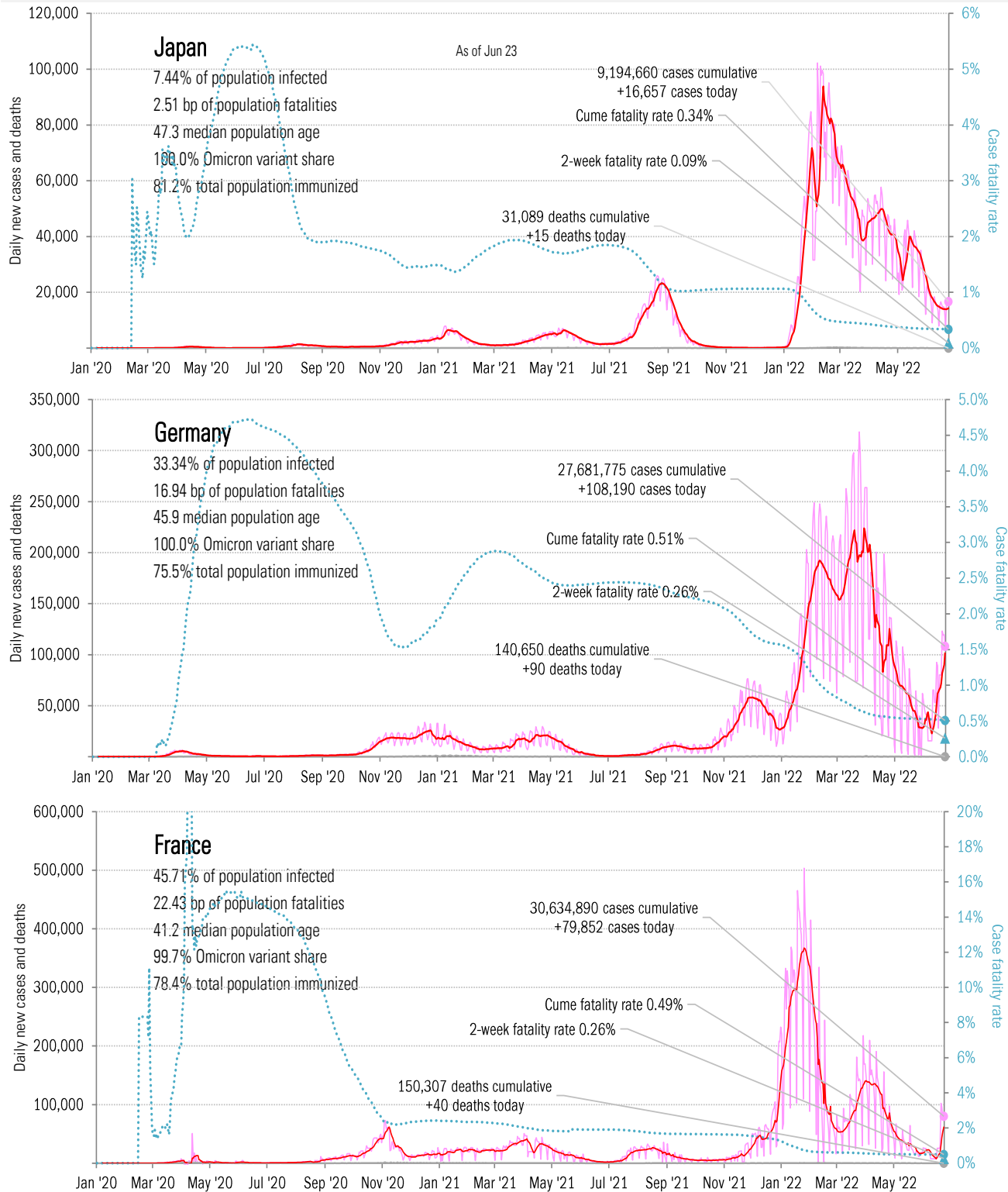
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

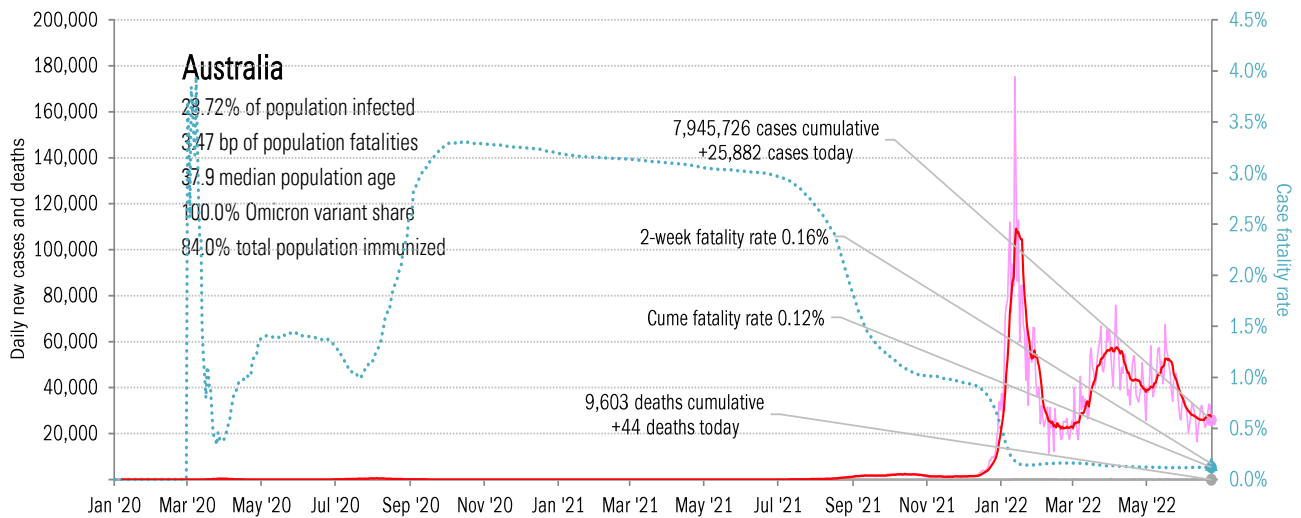
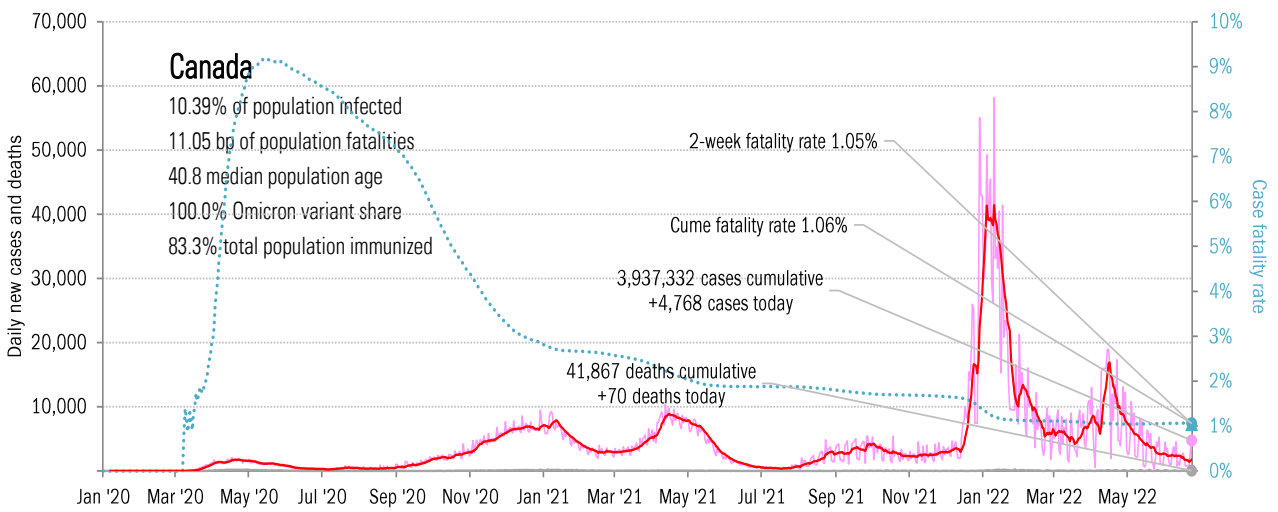
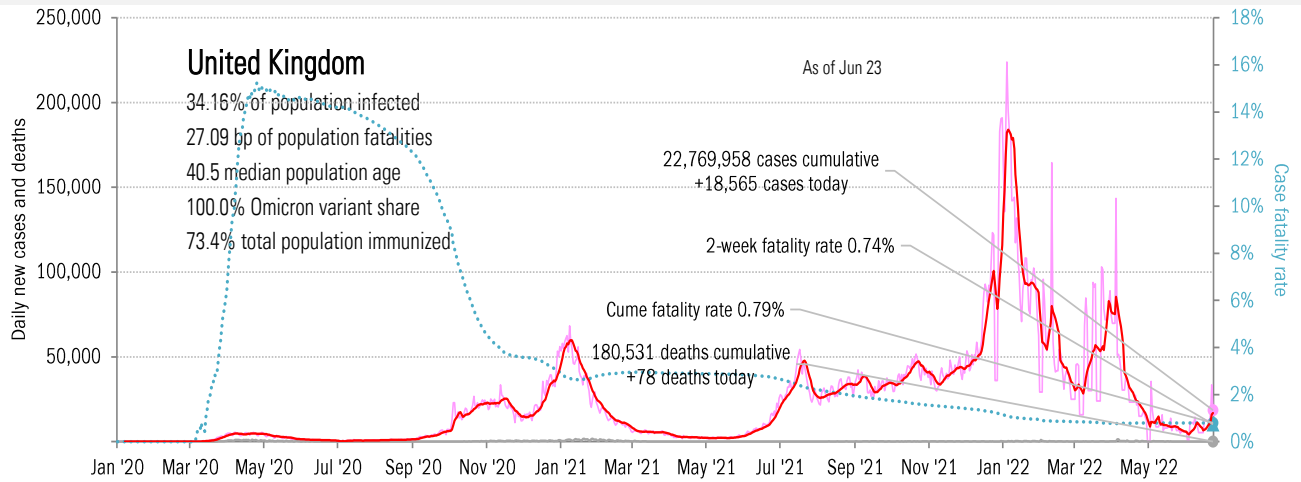
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

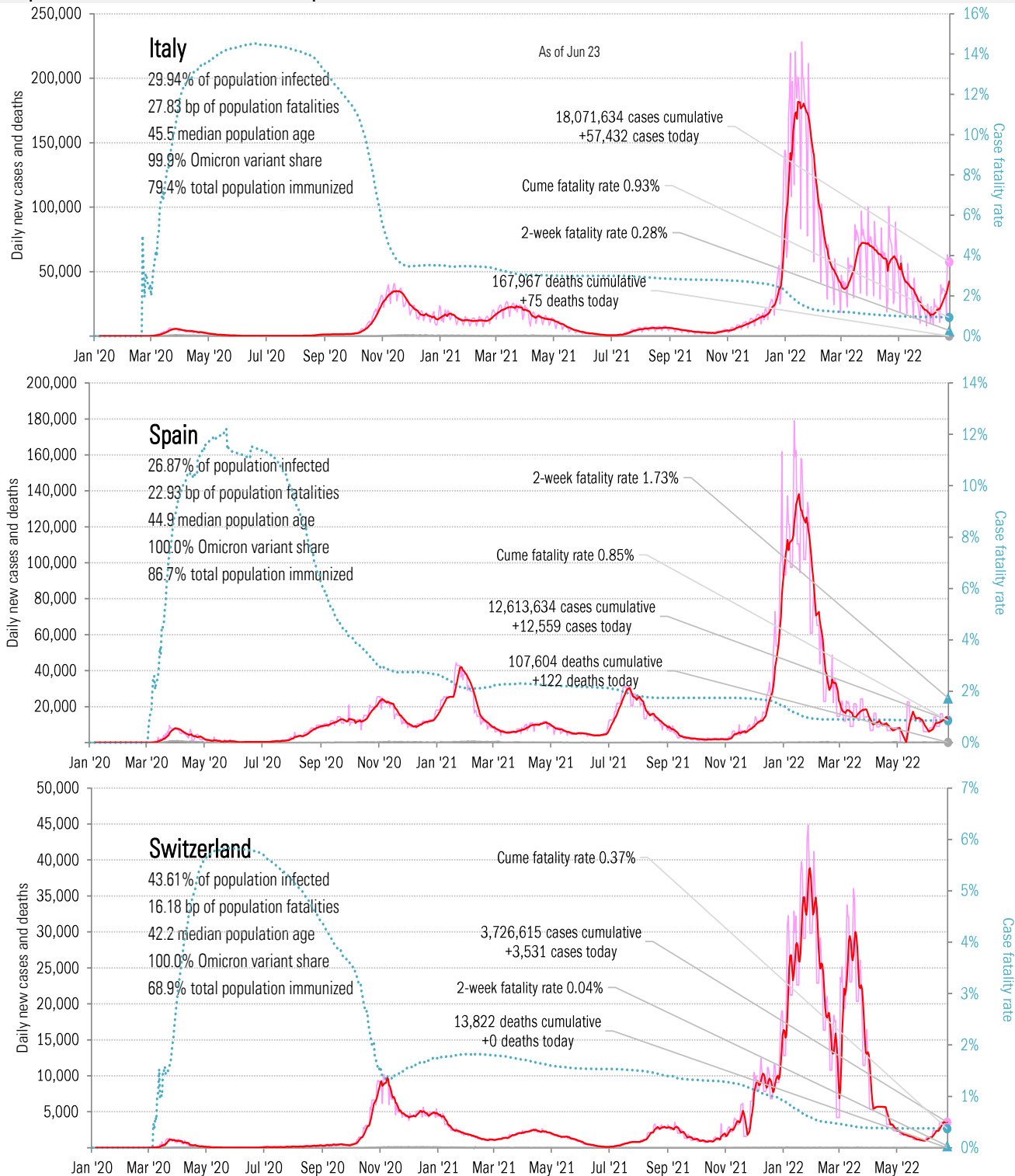
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

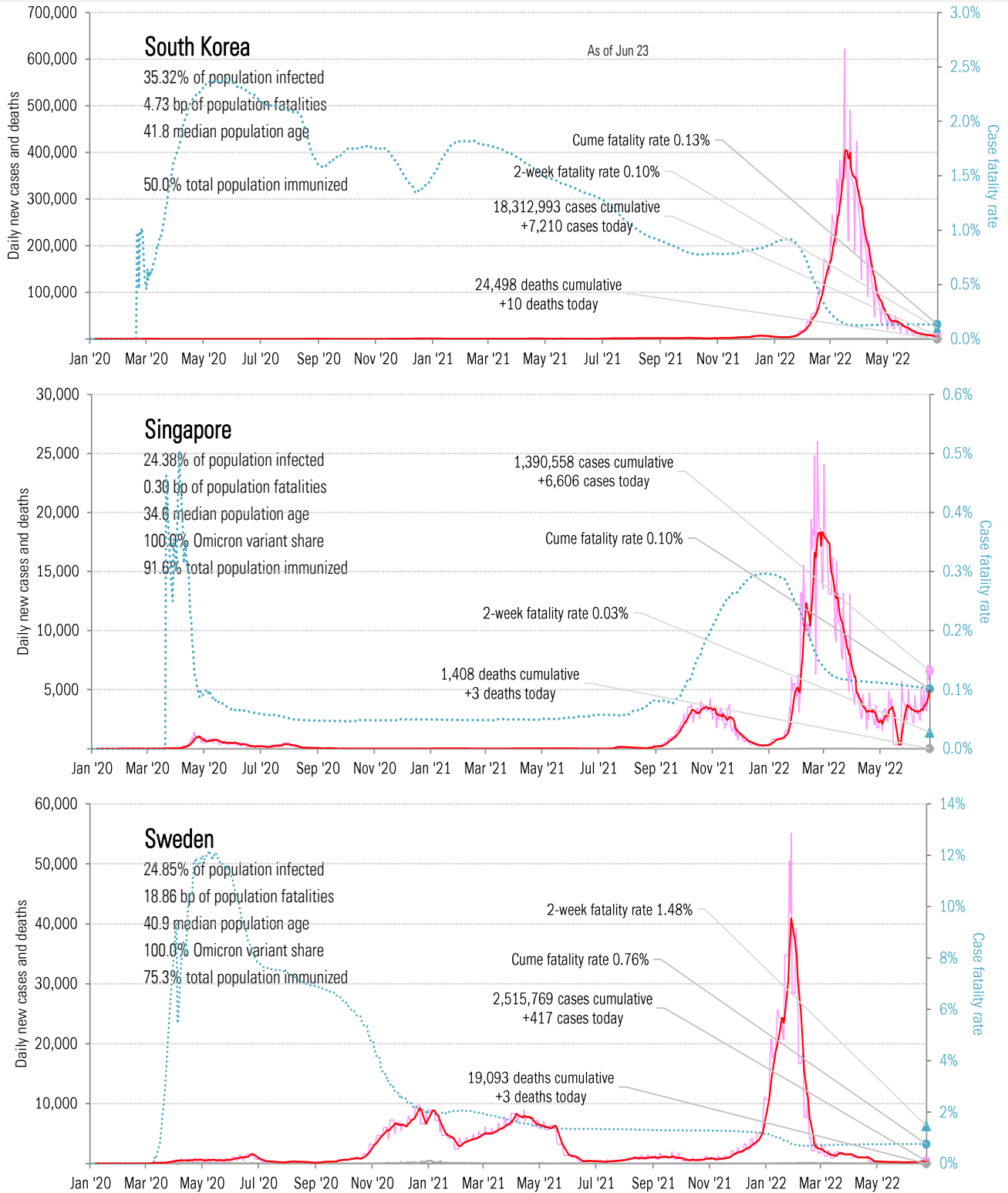
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

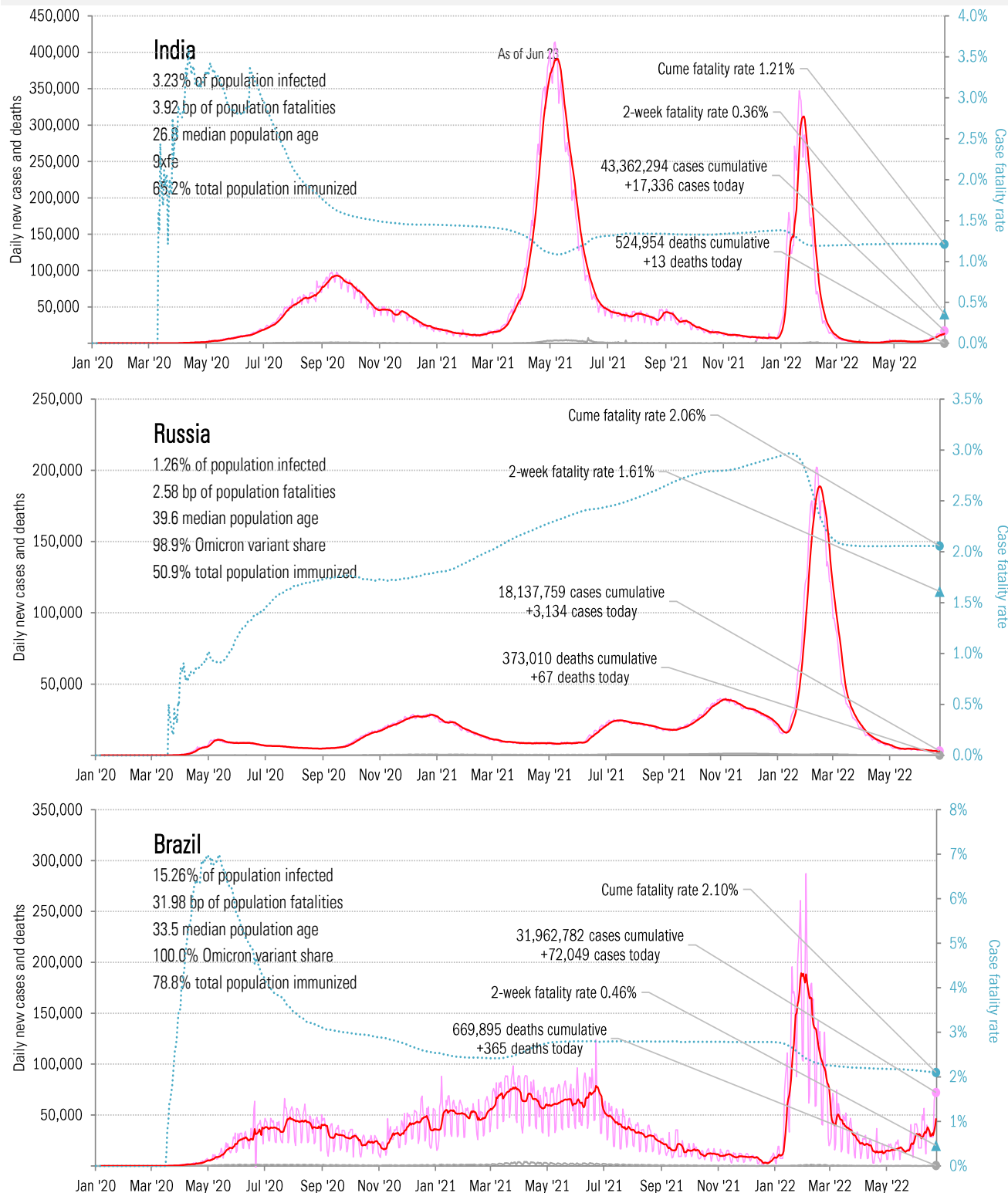
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

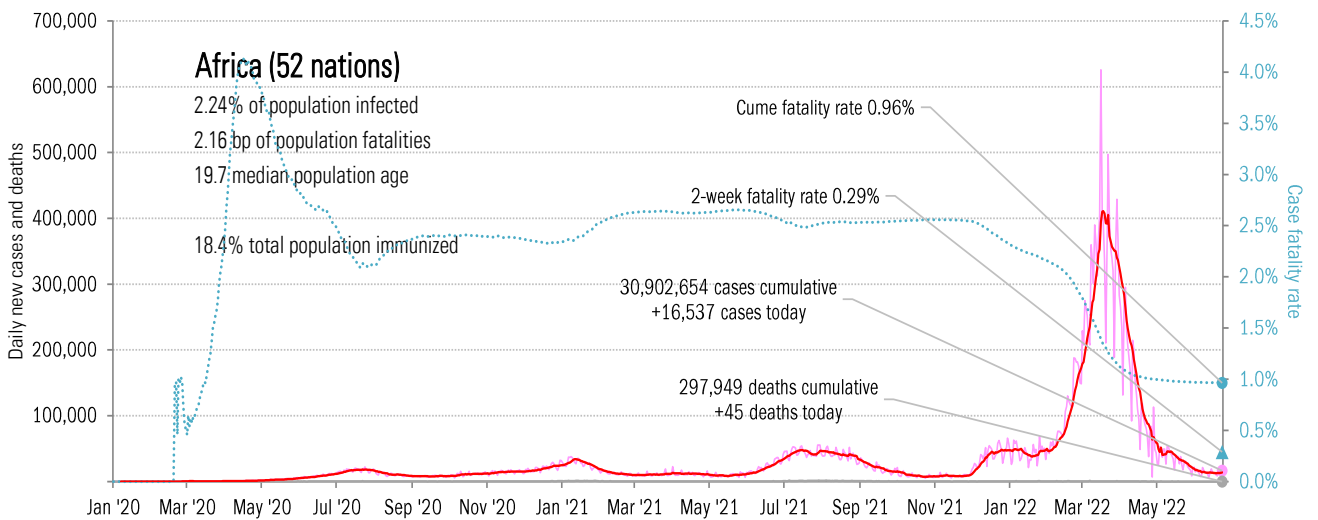
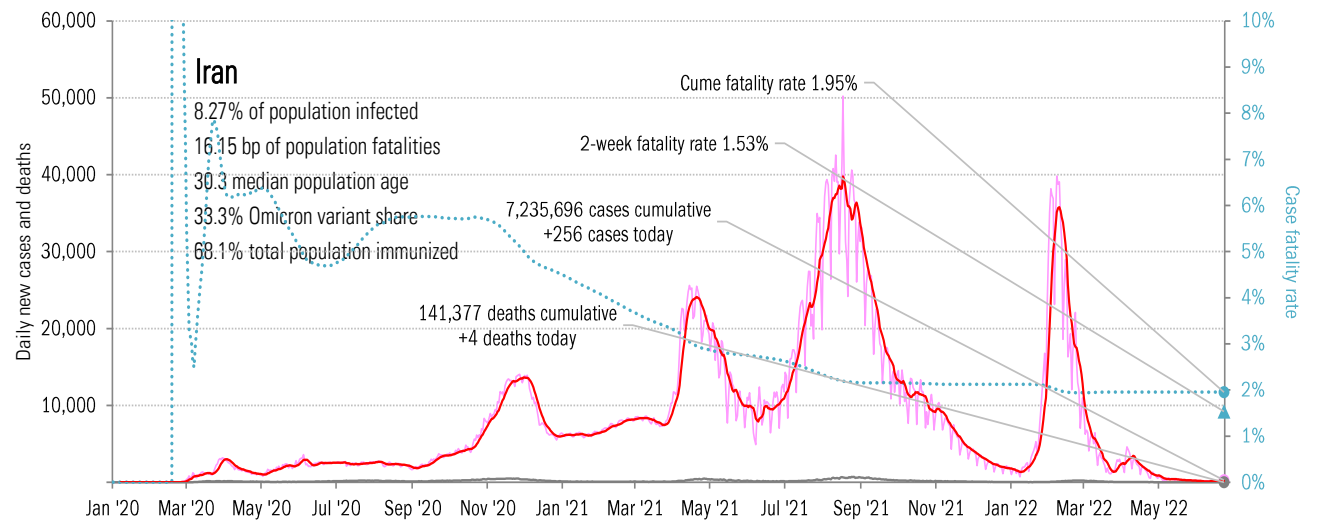
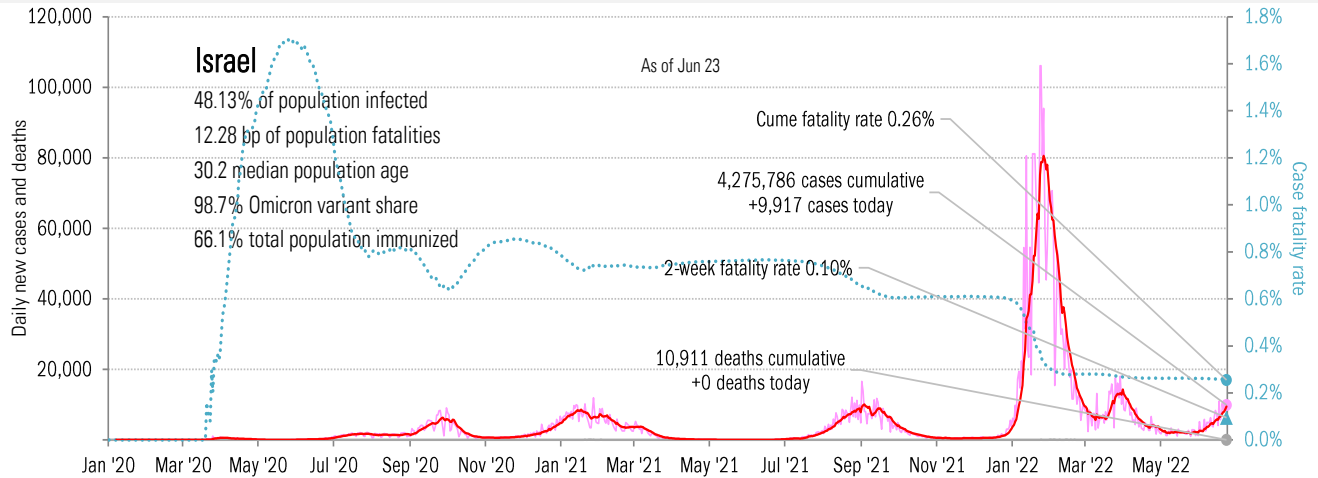
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

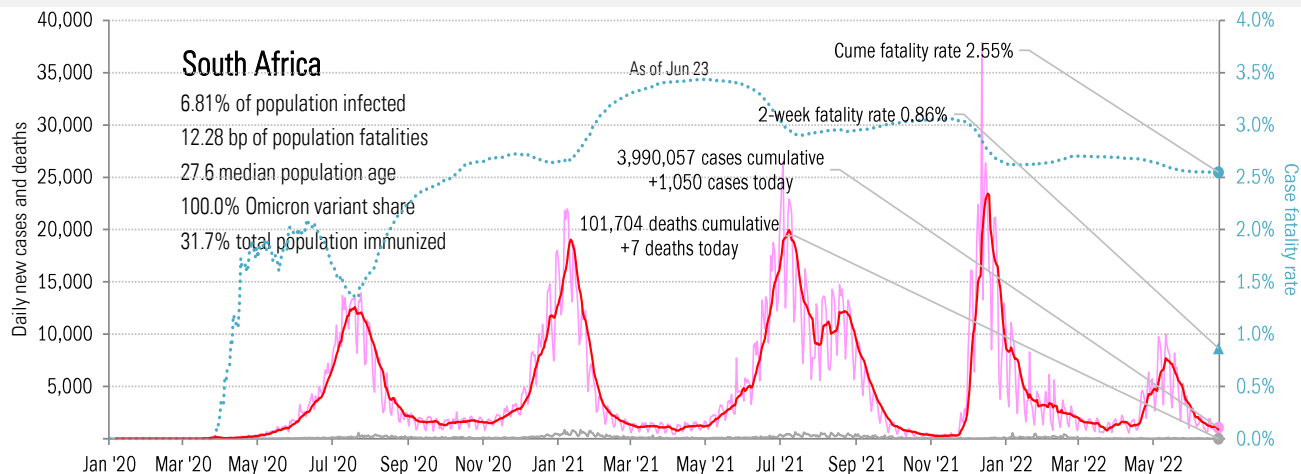
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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