

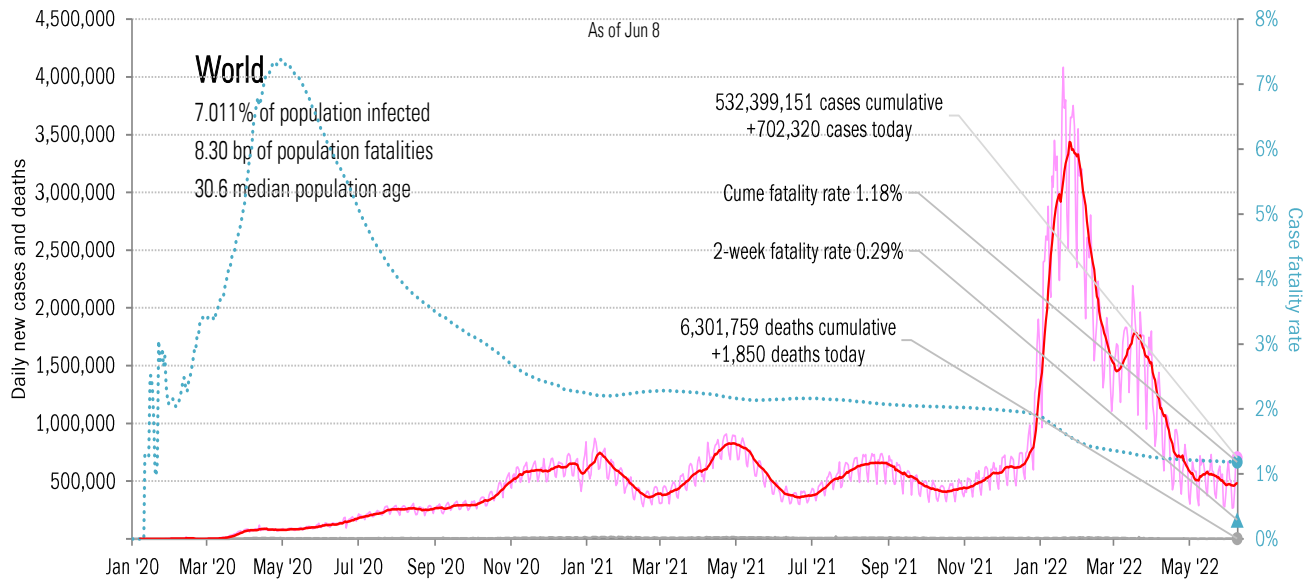
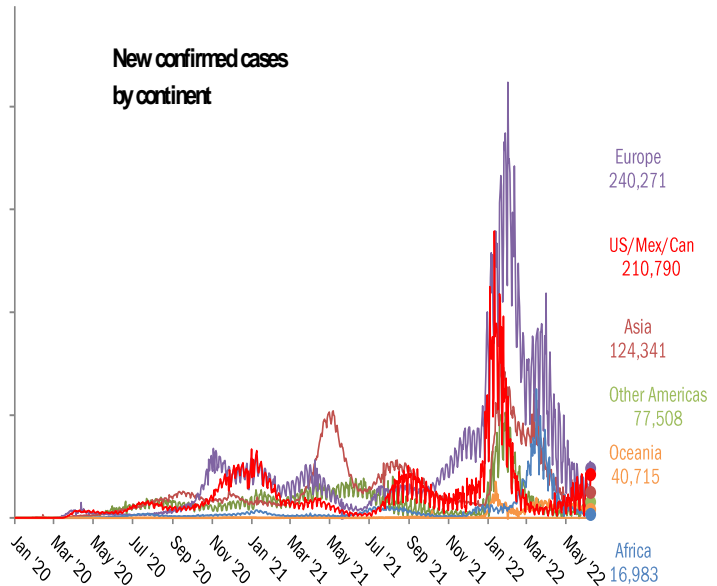
Data Insights: Covid-2019 Monitor

Thursday, June 9, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
United States	201,803	United States	449
Taiwan*	80,070	Brazil	299
Germany	77,636	Taiwan*	159
France	53,989	Germany	90
Brazil	49,614	United Kingdom	85
Portugal	48,752	Italy	80
Australia	32,433	France	77
Italy	22,925	Portugal	77
Japan	18,394	Russia	76
United Kingdom	14,474	Australia	59
600,090		1,451	
World	702,320	World	1,850
Top ten	85%	Top ten	78%



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

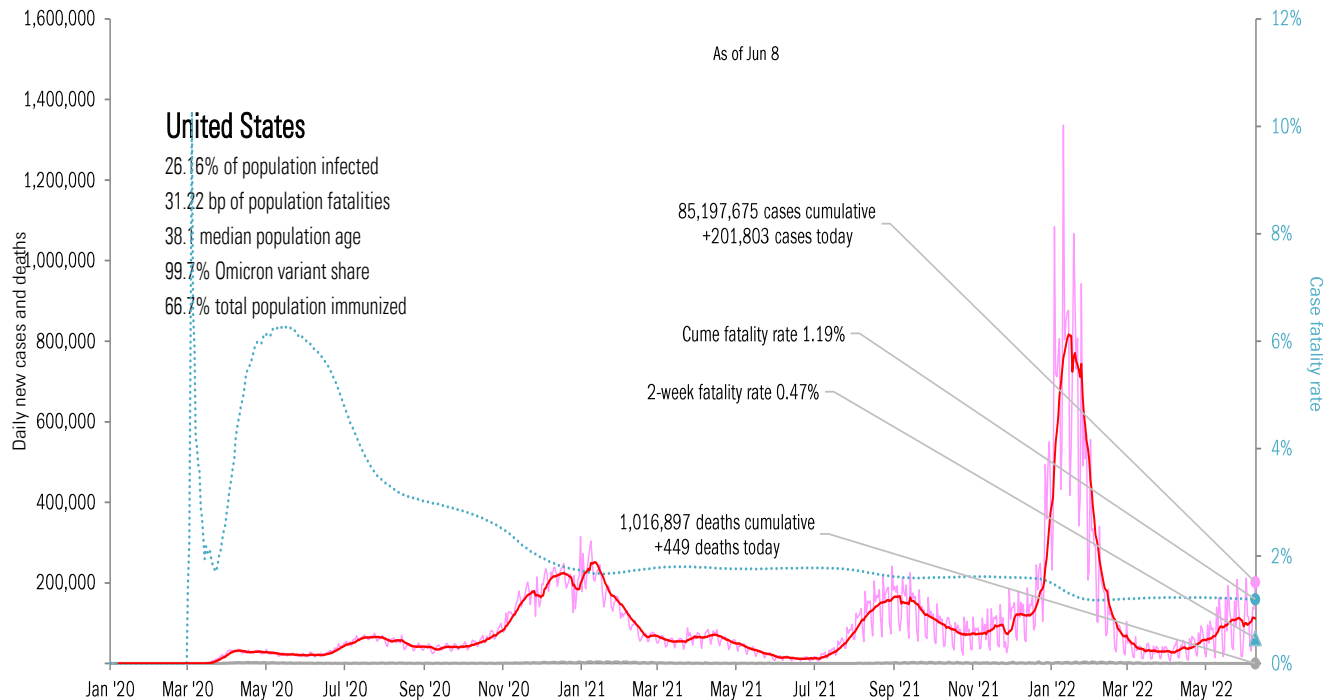
New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
NC	26,785		NC	434		CA	493		CA	9,736,634		CA	91,595		TX	496,274		RI	93%	RI	89%
PA	20,242		PA	159		FL	571		TX	6,999,698		TX	88,420		CA	438,659		MA	85%	DE	83%
MI	18,453					GA	126		FL	6,239,747		FL	74,851		FL	430,235		WA	85%	MA	82%
GA	17,701					CO	88		NY	5,493,166		NY	69,230		NY	264,886		MN	84%	NM	82%
TN	14,092					AZ	110		IL	3,342,542		PA	45,413		GA	210,291		PA	83%	AK	81%
FL	11,080					KY	74		PA	2,954,750		CH	38,657		CH	196,656		NH	82%	WA	81%
H	8,033					MT	39		NC	2,799,515		GA	38,294		PA	183,544		GA	82%	TX	80%
TX	7,636					MN	86		CH	2,780,653		IL	38,282		IL	164,571		WV	82%	NH	80%
NY	7,355					MO	82		GA	2,588,805		MI	36,538		MI	147,594		DE	82%	WV	79%
NV	6,744					AL	57		MI	2,565,819		NJ	33,811		KY	134,693		MD	81%	MI	79%
	138,121			958			1,726			45,501,329			555,091			2,667,403					
All states	201,803			449			4,152		All states	85,197,675			1,016,897			4,843,443		All states	70%		67%
Top ten	68%			214%			42%		Top ten	53%			55%			55%		Median	76%		73%

US state fatality data distorted today due to revisions.

Some states not reporting

Five most improved US states

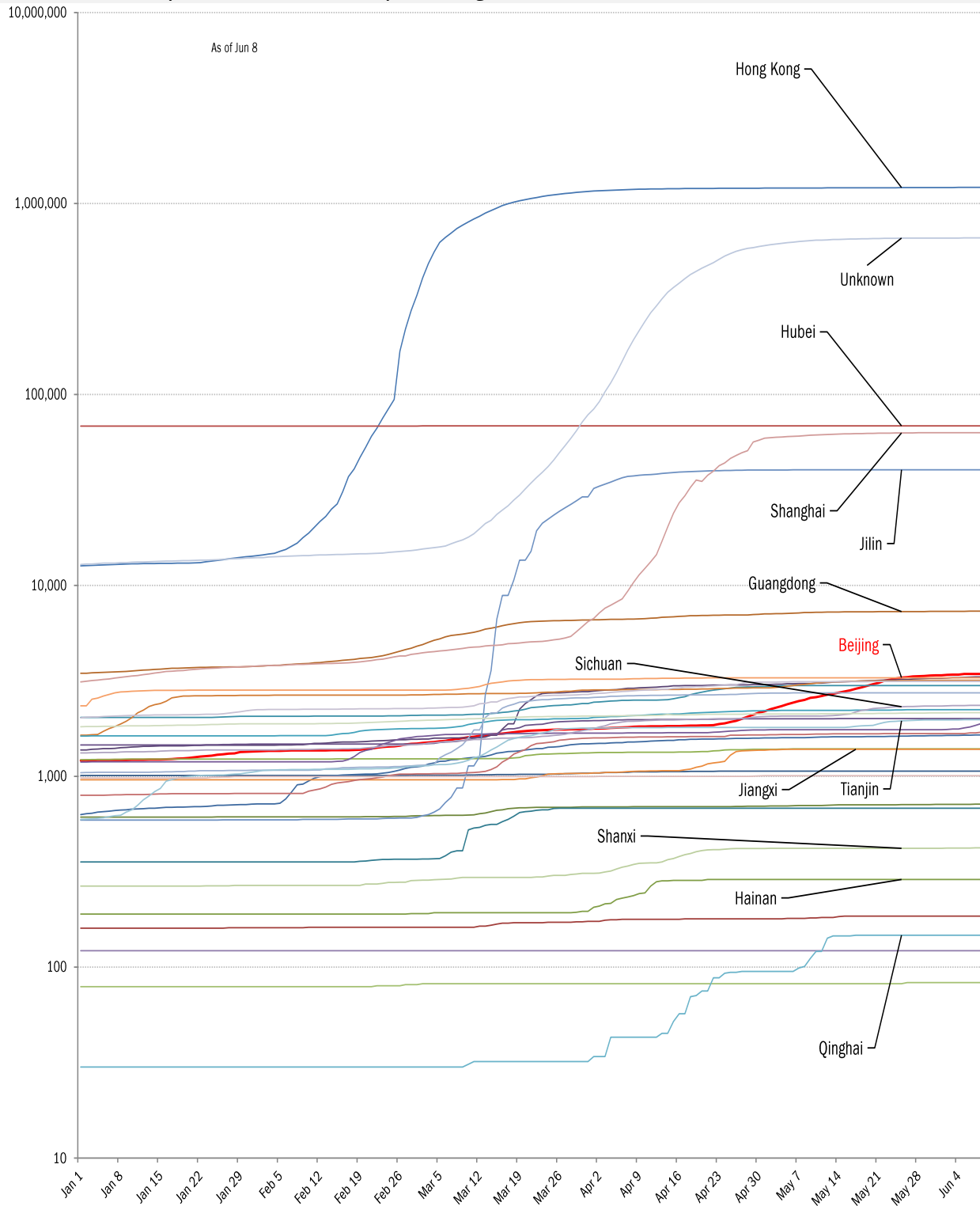
Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
CA -47,938	FL -76	NY -105	CO +10 bp
SC -9,456	SC -63	TX -89	GA +10 bp
MD -3,095	CA -41	IL -79	MN +10 bp
MN -2,683	CT -25	WA -69	MO +10 bp
AZ -1,603	MT -23	IN -66	NE +10 bp



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

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

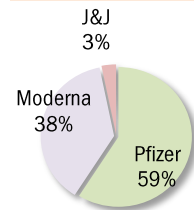
Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



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

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	605,365,587		+0.203 million		US	66.7%	78.0%
Boosters	45,161,559		+0.018 million		UK	73.3%	78.4%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	266,744,352	80%	227,908,618	68%	+0.008 million	Spain	86.7%
Age 12 to 17	17,833,219	70%	15,275,367	60%	+0.002 million	Germany	76.9%
Age 18 to 64	179,146,403	88%	152,383,738	75%	+0.002 million	Italy	79.4%
Age 65 and over	59,221,210	100%	51,721,318	94%	+0.004 million	Australia	83.9%
						Israel	66.1%
						Canada	82.5%
						Japan	0.4%
						Africa	19.0%
						India	64.2%
						Brazil	77.9%
						China	87.1%



AK	70.1%
	62.8%

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

Best
Middle
Worst

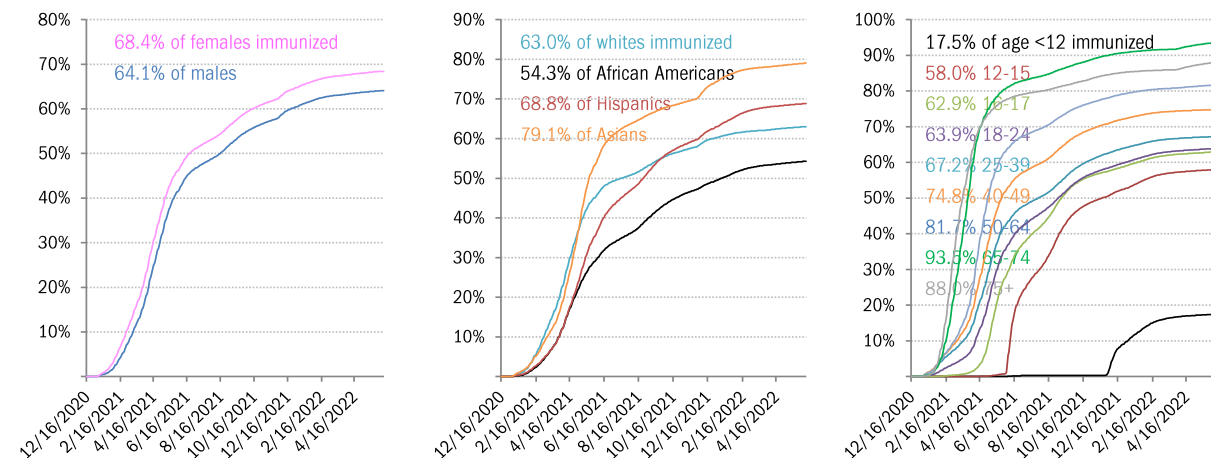
Immunity = two doses

Global data differs due to sources, timing

As of Jun 8

					WI						ME
					72.2%						91.4%
					65.9%						80.2%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH
81.3%	62.0%	65.6%	65.9%	75.5%	76.3%	67.3%			90.7%	94.2%	89.1%
73.0%	55.7%	57.1%	55.9%	69.6%	69.0%	60.5%			77.5%	81.7%	71.2%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA	
78.3%	75.8%	58.4%	77.3%	68.3%	61.8%	63.5%	85.7%		91.0%	95.0%	
70.1%	61.3%	51.2%	62.2%	62.3%	55.3%	58.7%	69.2%	76.2%	79.7%		
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI	
82.6%	72.4%	79.9%	70.6%	66.6%	66.5%	65.4%	86.3%	87.1%	95.0%	95.0%	
72.7%	64.6%	70.7%	63.9%	56.5%	57.7%	57.9%	73.8%	76.2%	79.9%	83.4%	
	AZ	NM	KS	AR	TN	NC	SC	DC	DE		
	73.8%	88.6%	75.0%	67.2%	62.5%	85.3%	68.1%	95.0%	83.8%		
	62.1%	71.7%	62.0%	54.9%	54.9%	62.2%	57.5%	78.9%	69.9%		
			OK	LA	MS	AL	GA				
			71.6%	61.3%	59.9%	63.1%	65.8%				
			57.7%	53.8%	52.1%	51.5%	55.2%				
			TX					FL		PR	
			73.9%					79.9%		95.0%	
			62.0%					67.5%		83.5%	

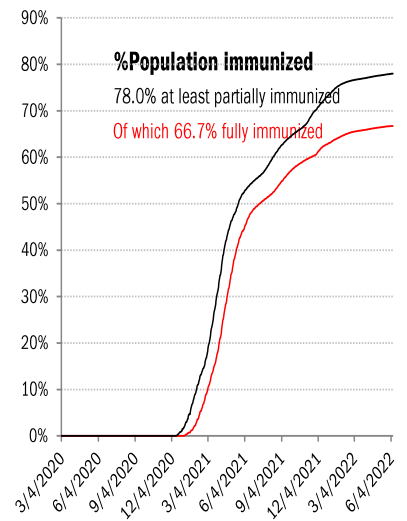
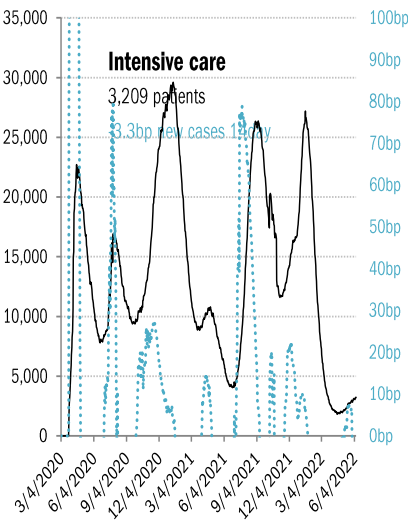
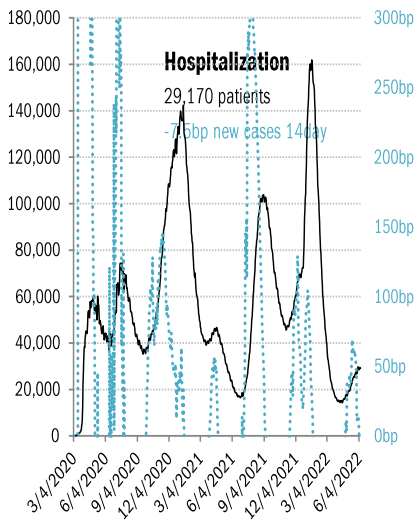
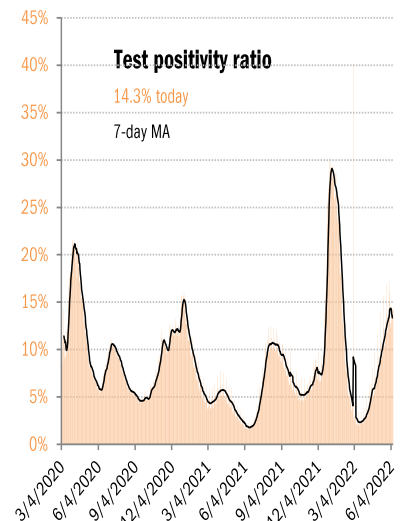
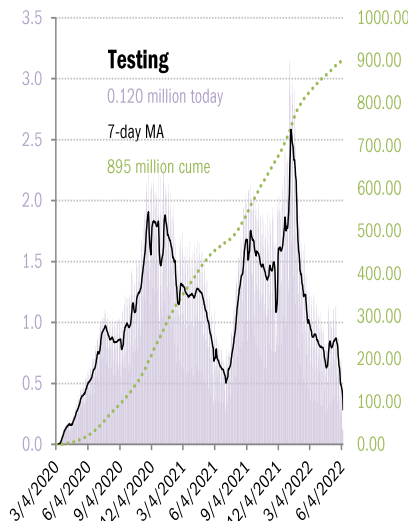
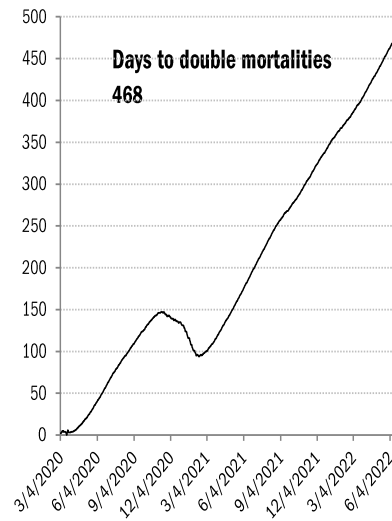
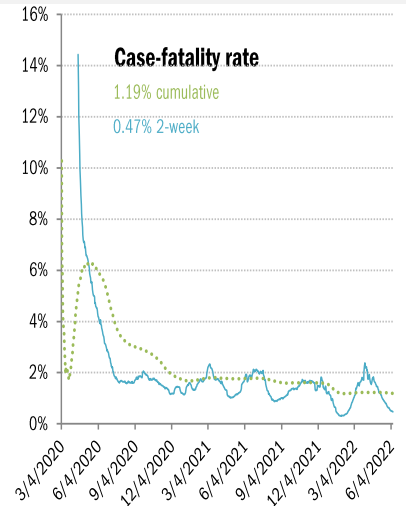
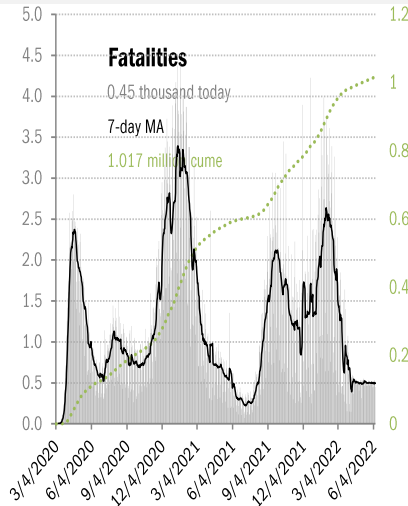
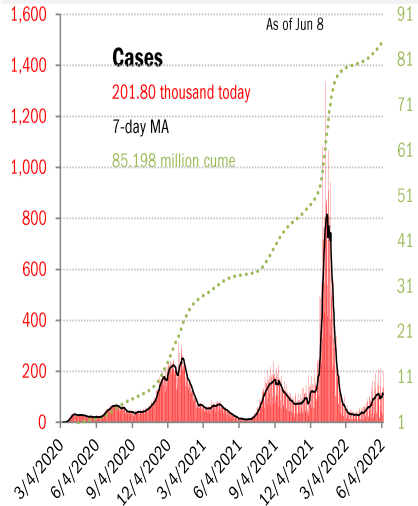
The demographics of US vaccination



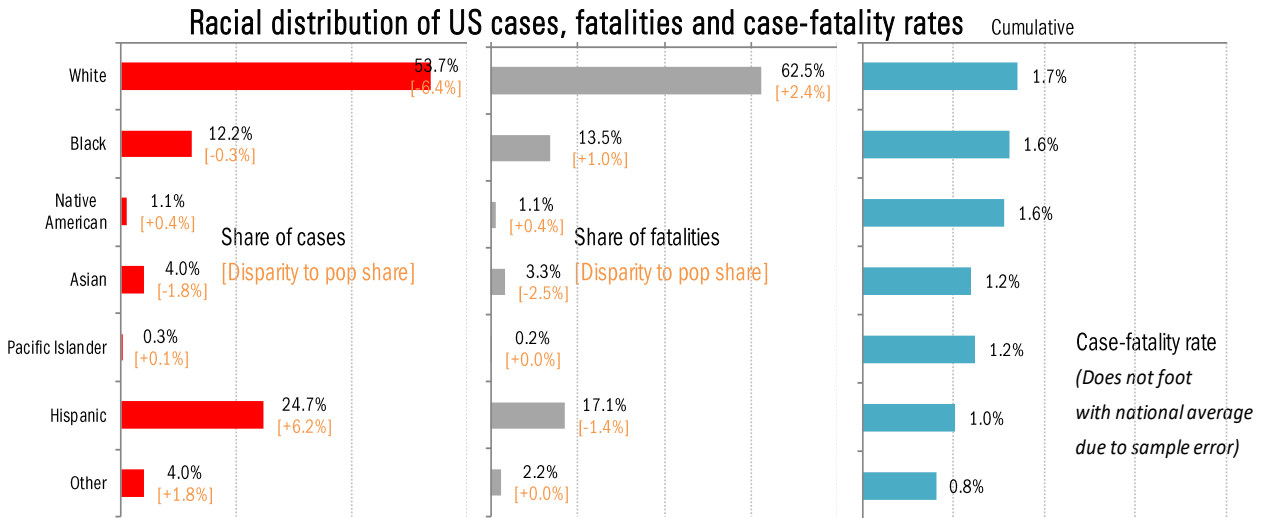
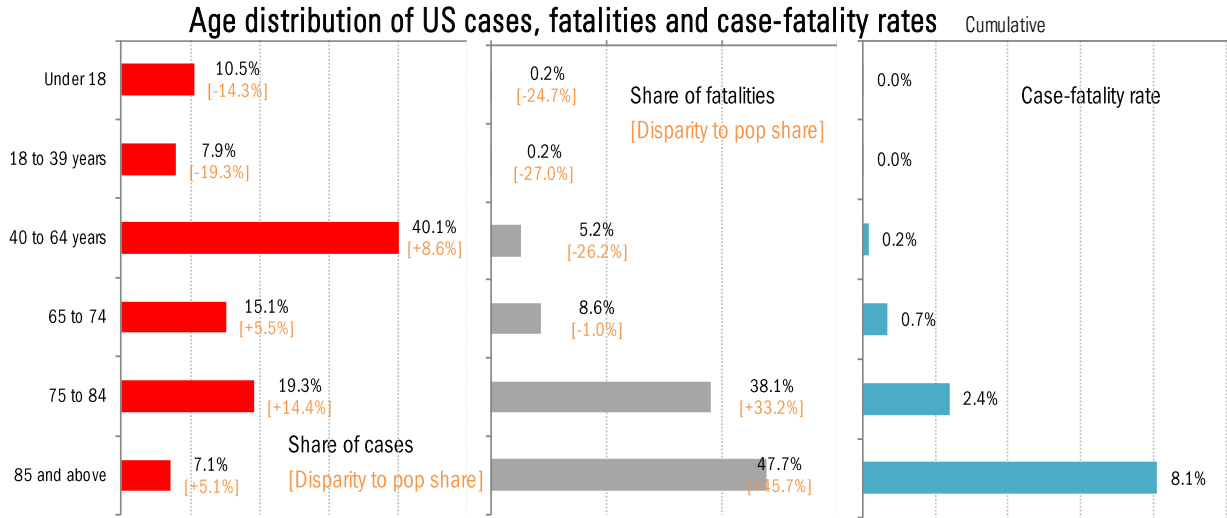
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

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

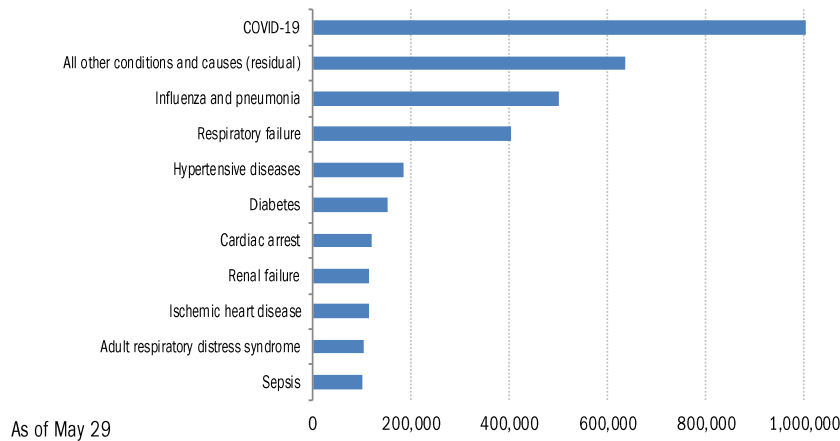


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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 per death.

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

Recommended reading

[Healthy young people are dying suddenly and unexpectedly from a mysterious syndrome - as doctors seek answers through a new national register](#)

Tom Heaton
Daily Mail
June 8, 2022

[Non-Covid Excess Deaths, 2020-21: Collateral Damage of Policy Choices?](#)

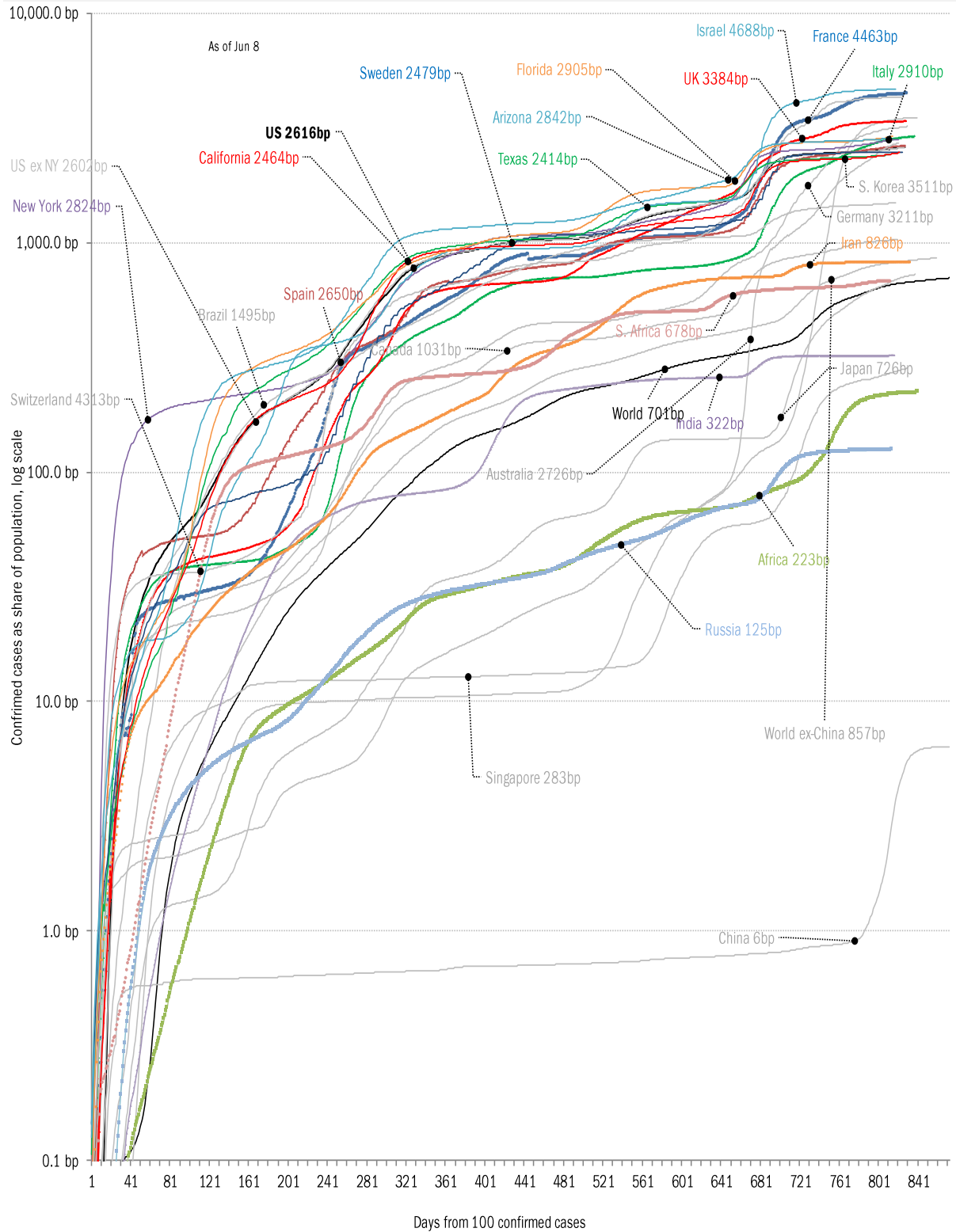
Casey B. Mulligan & Robert D. Arnott
NBER
June 2022

Meme of the day



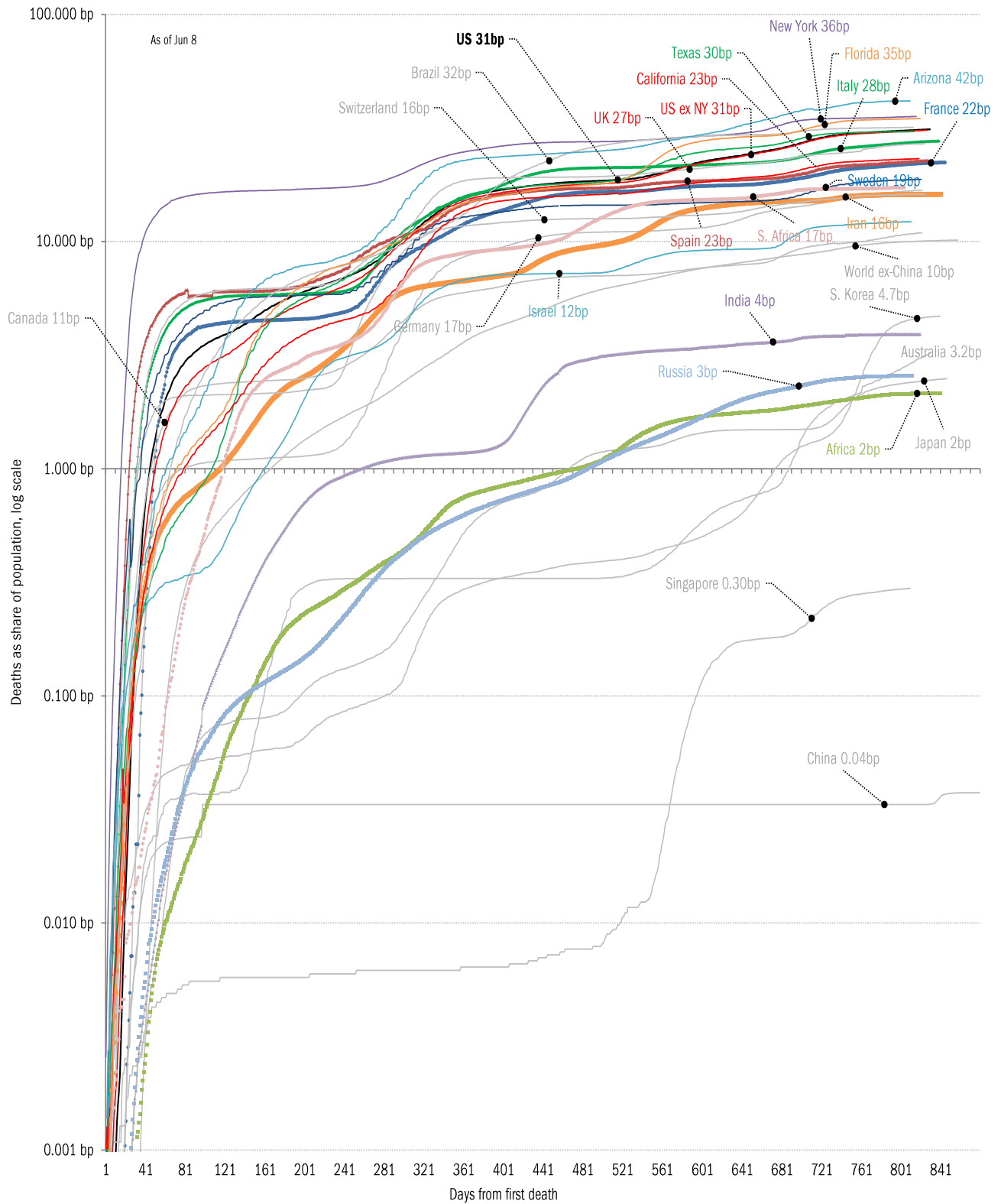
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

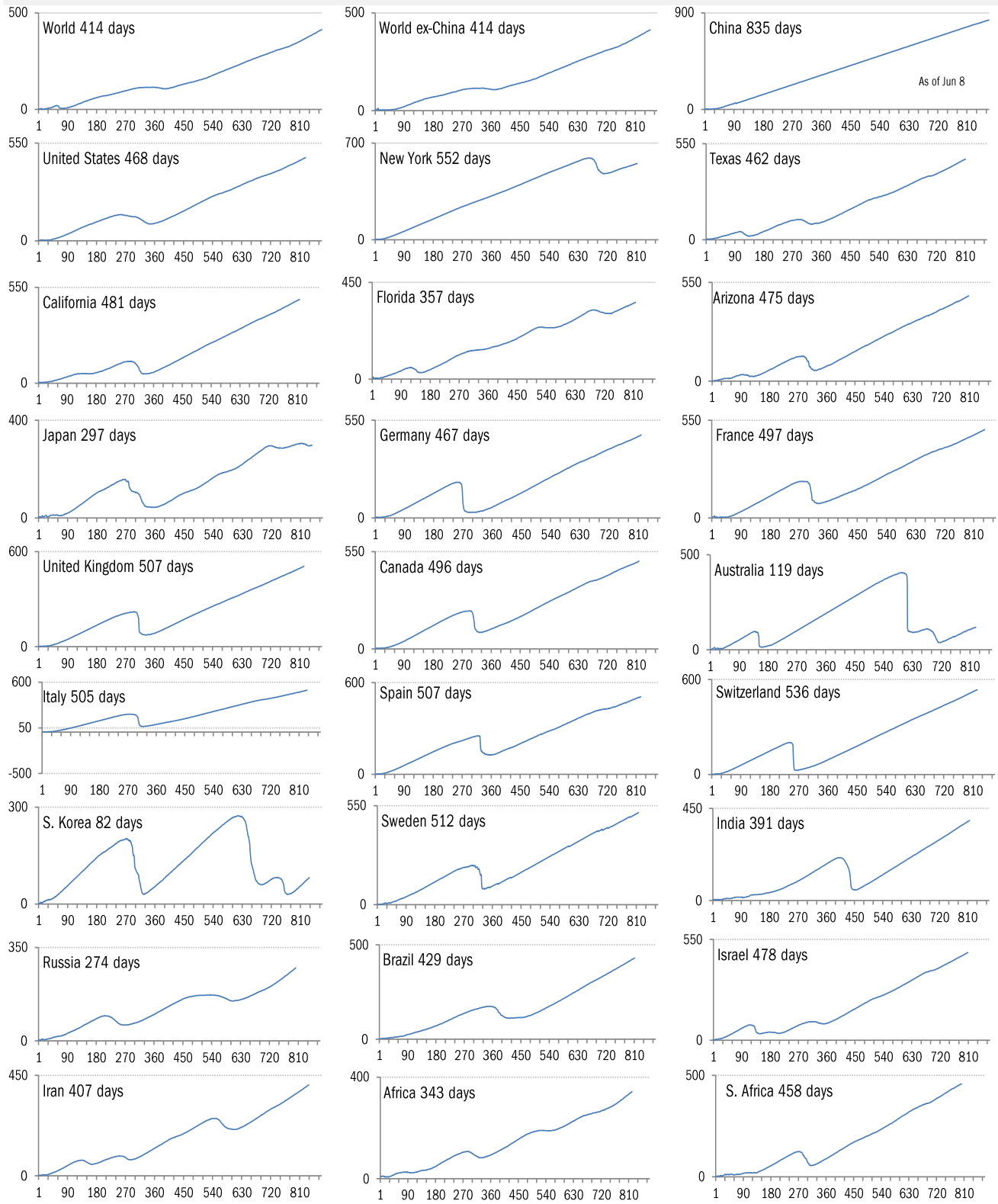


Source: [Johns Hopkins](#), TrendMacro calculations

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

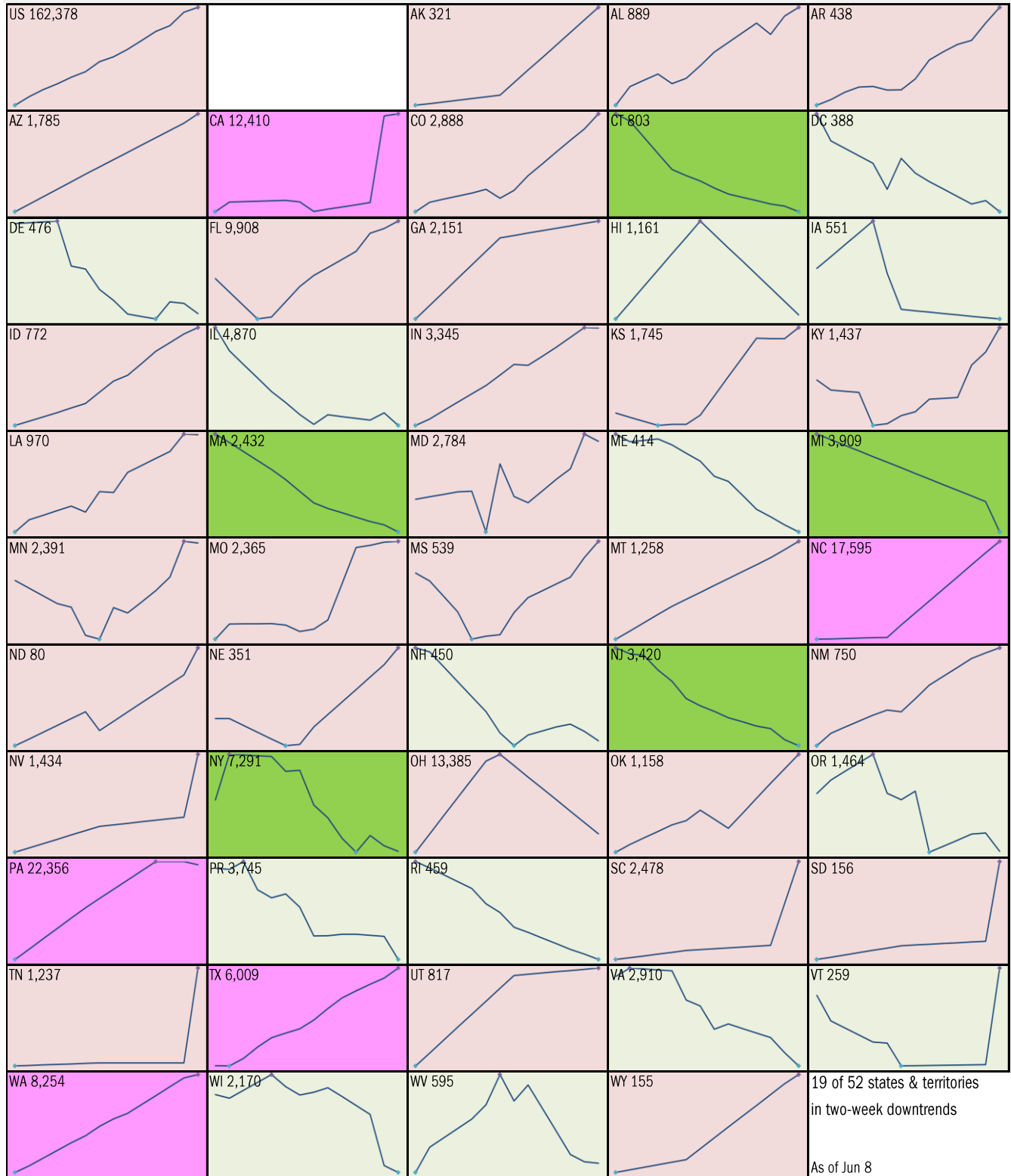


Source: [Johns Hopkins](#), TrendMacro calculations

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

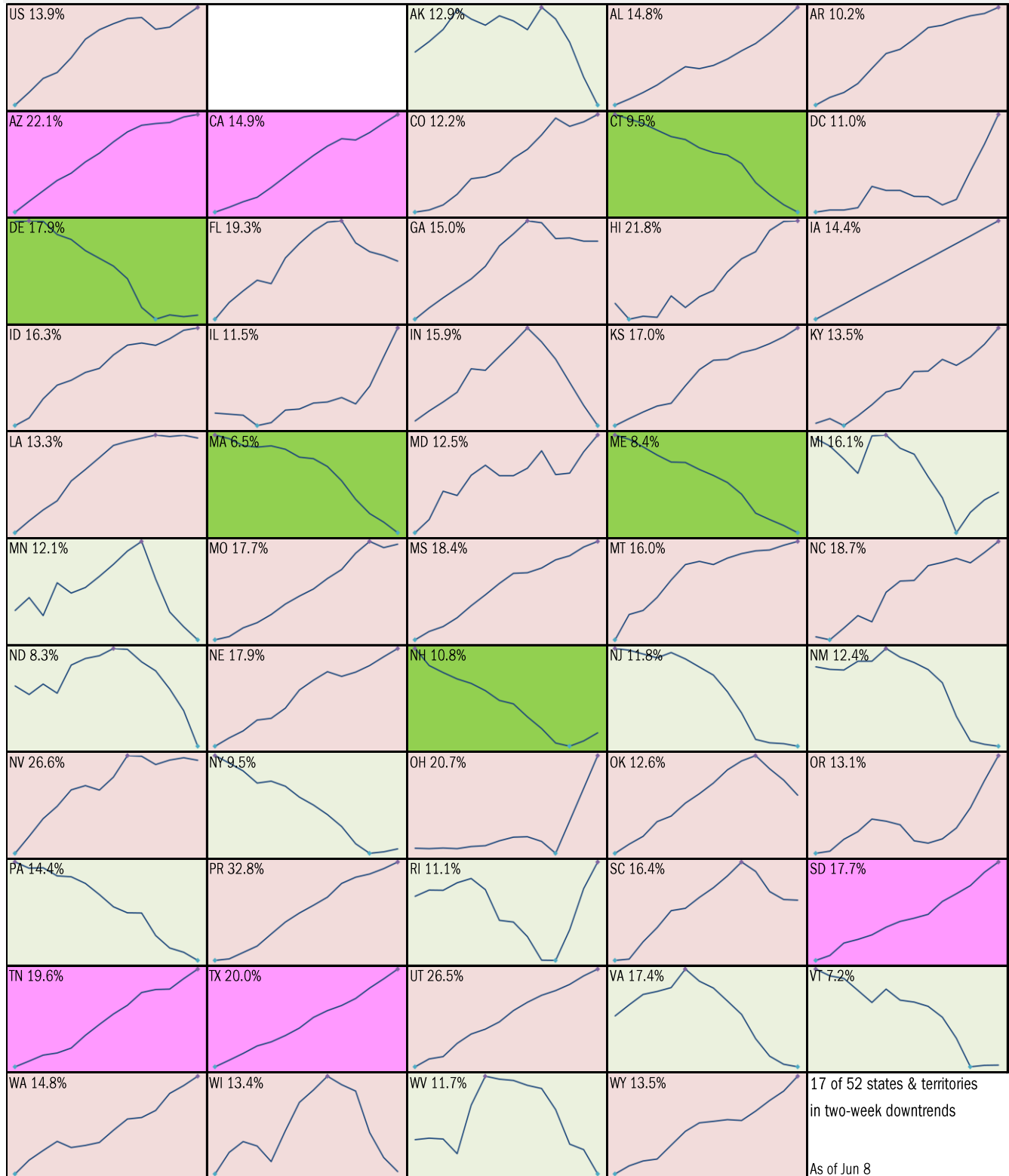


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

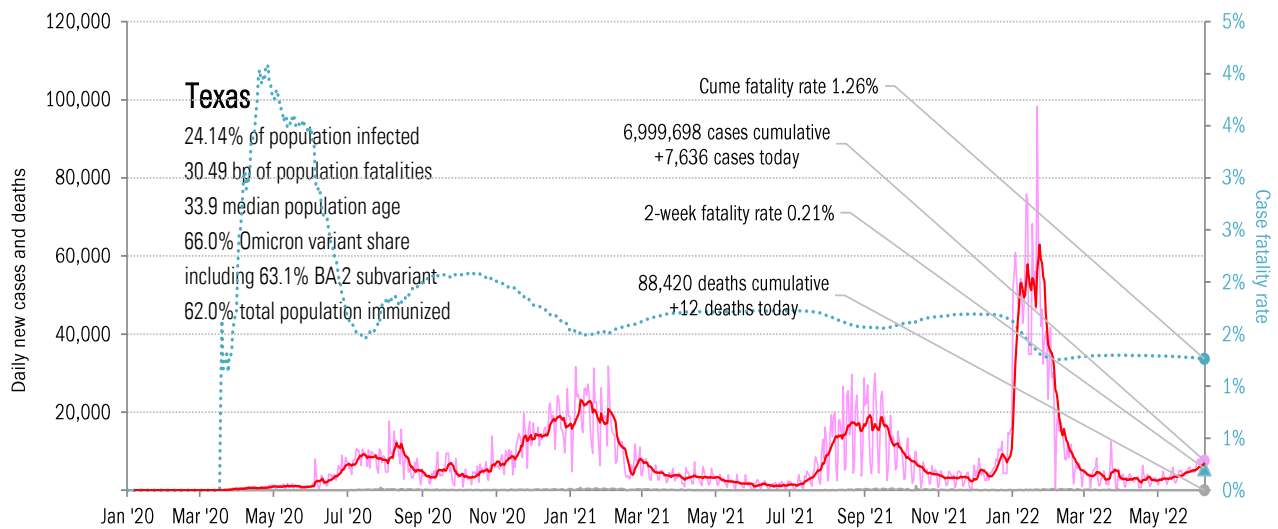
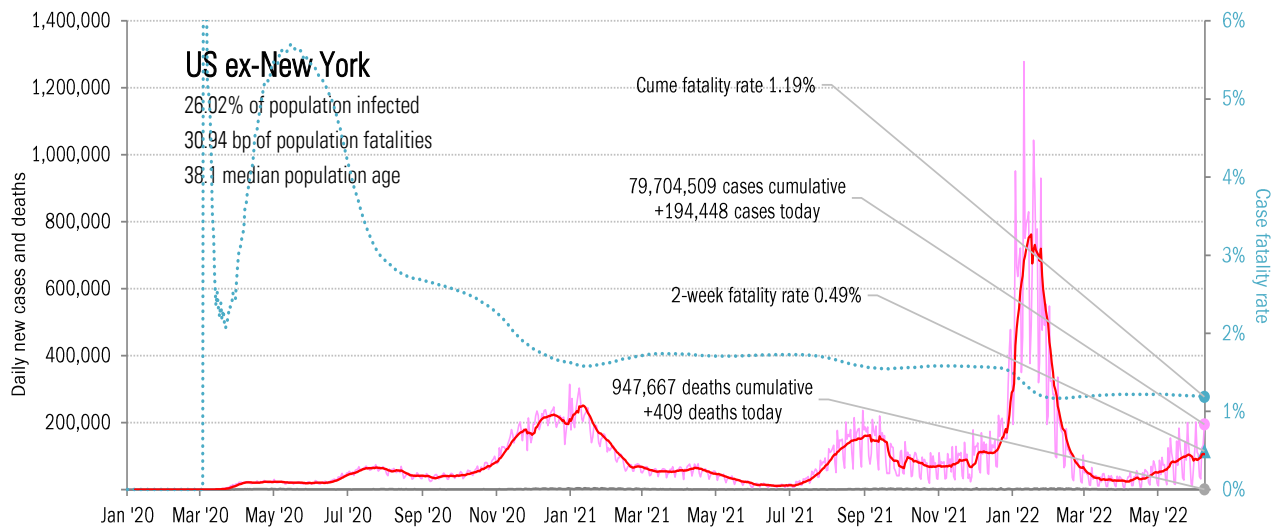
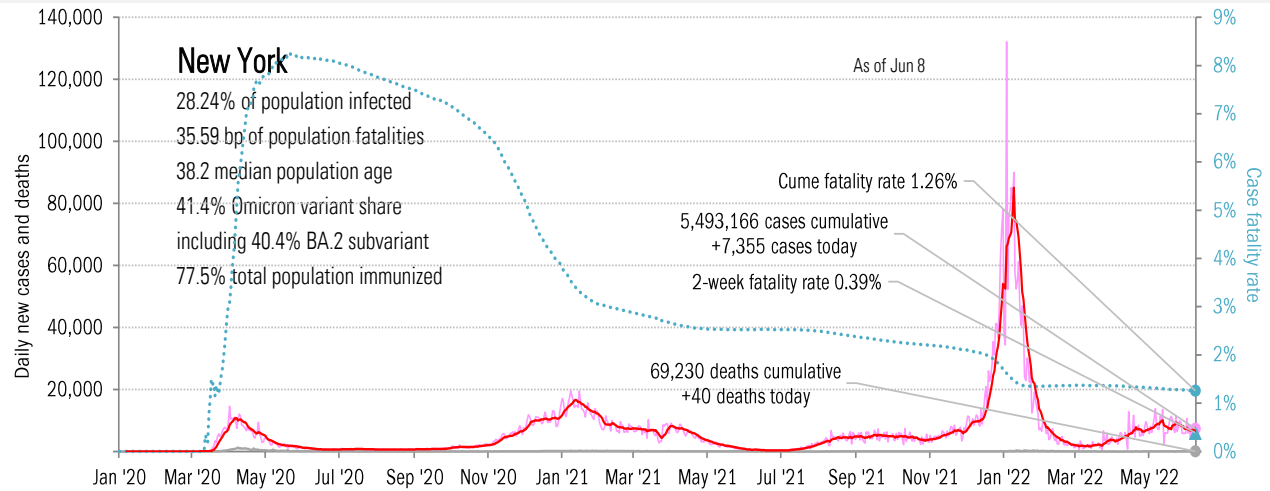
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

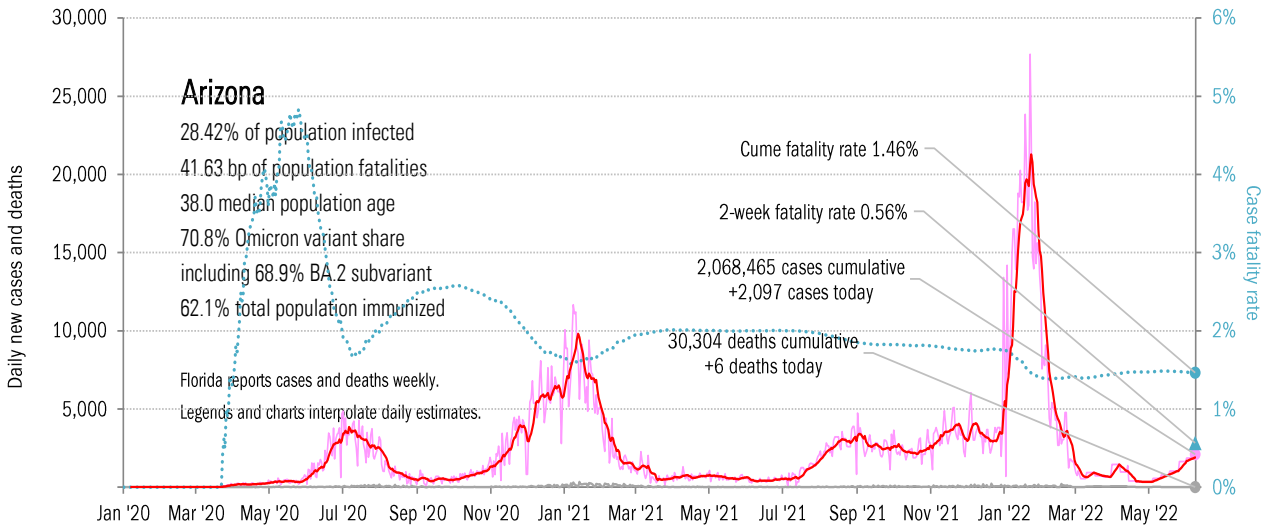
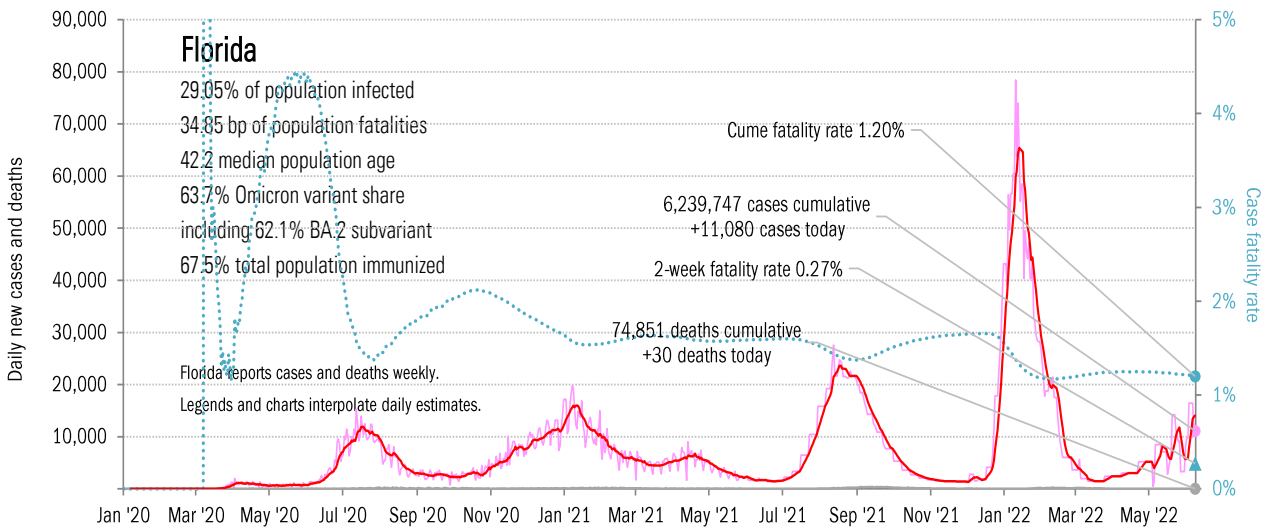
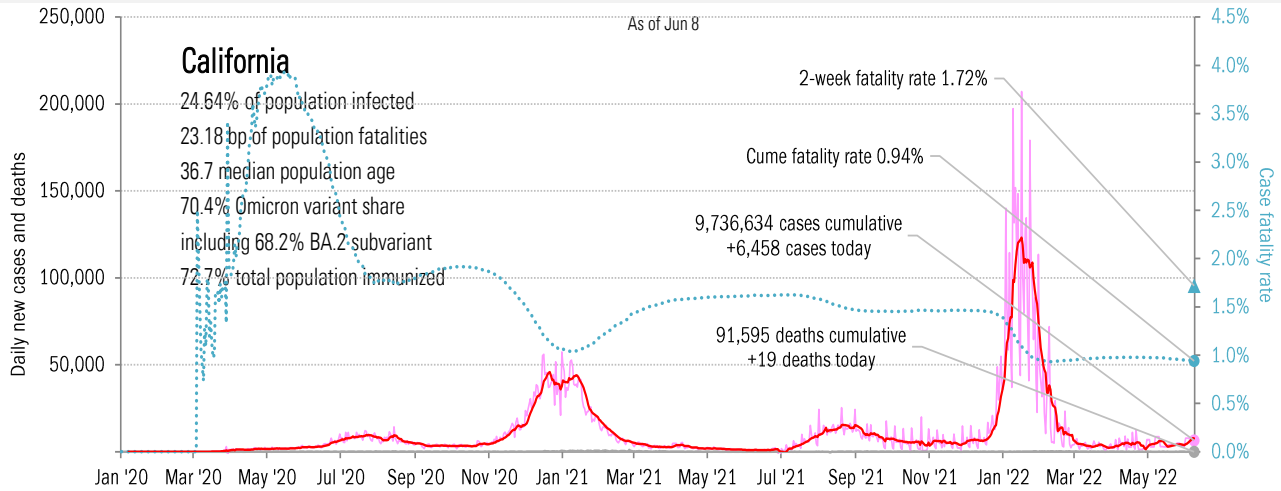
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

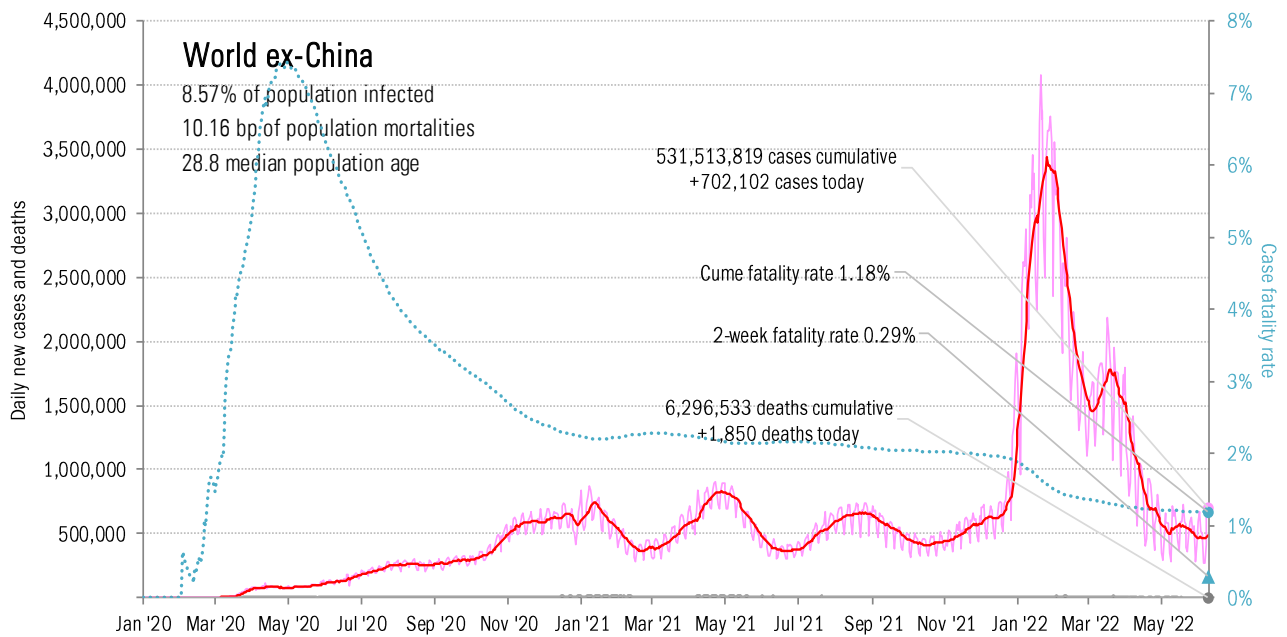
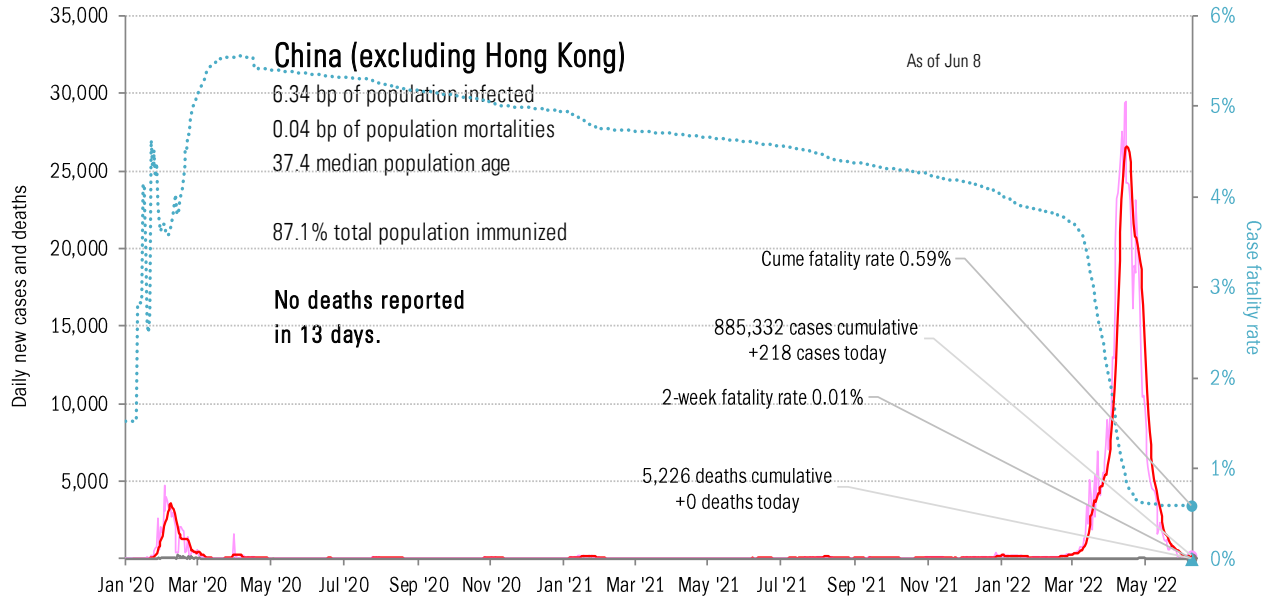
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

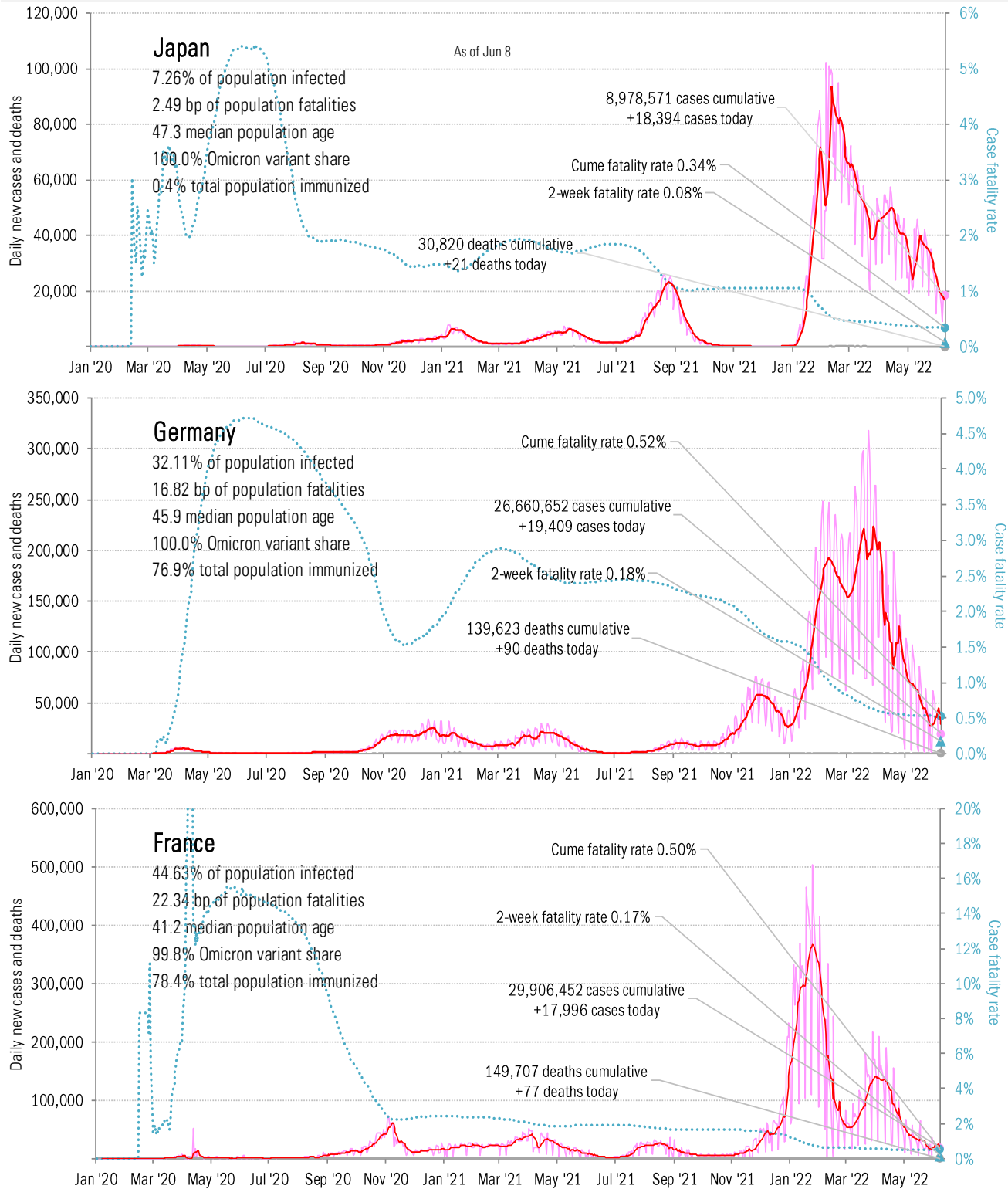
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

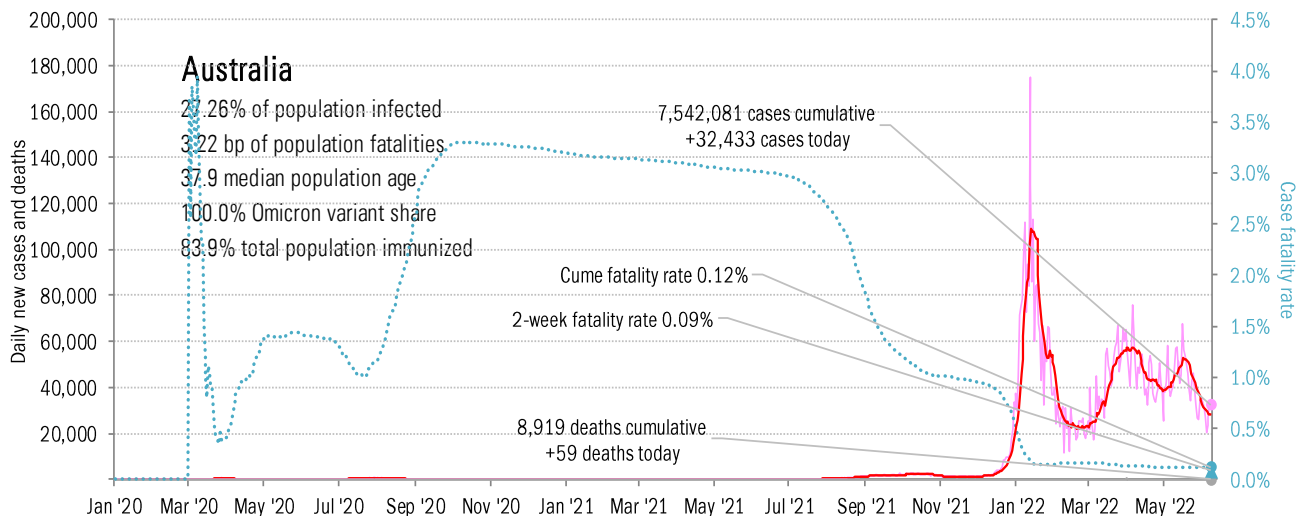
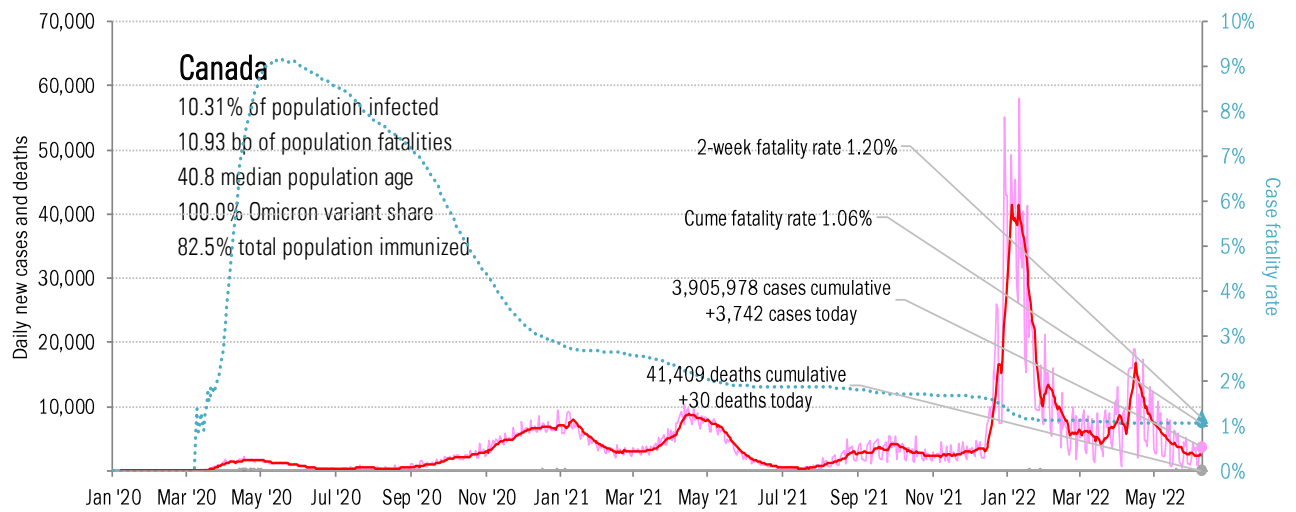
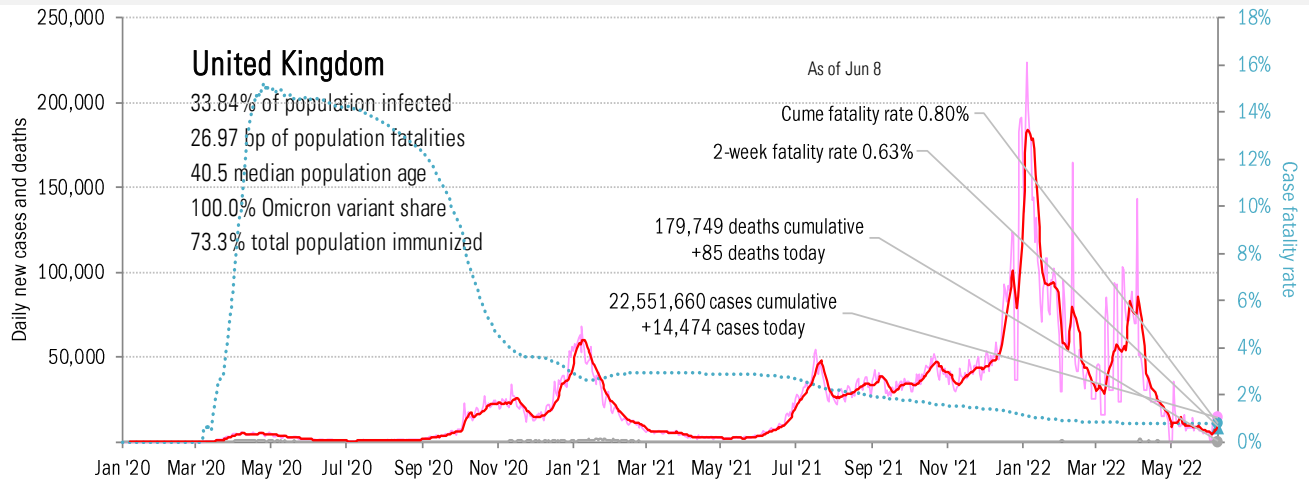
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

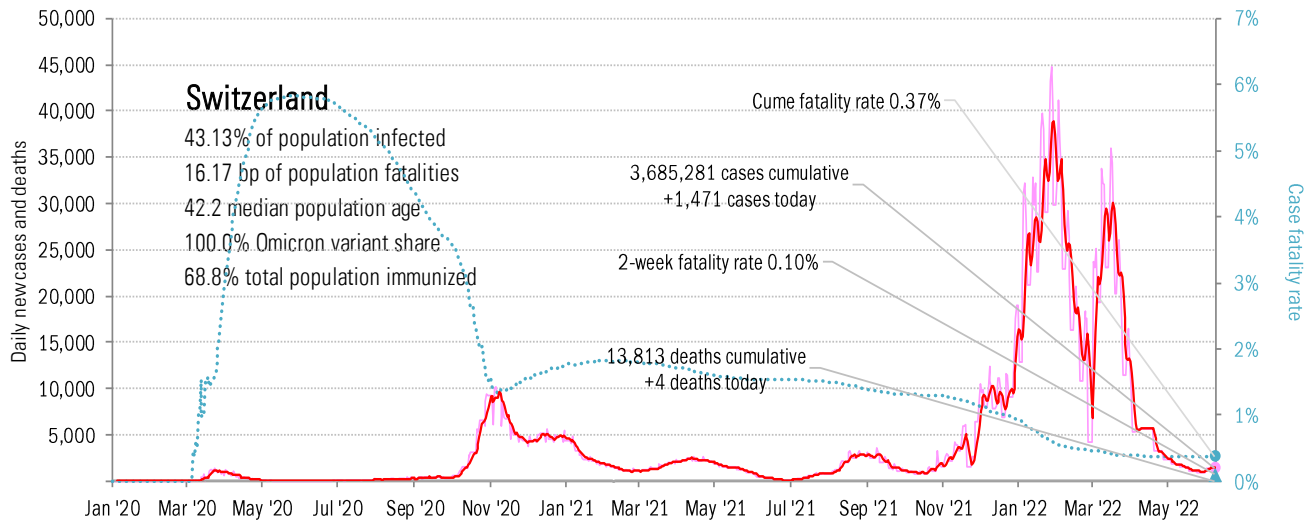
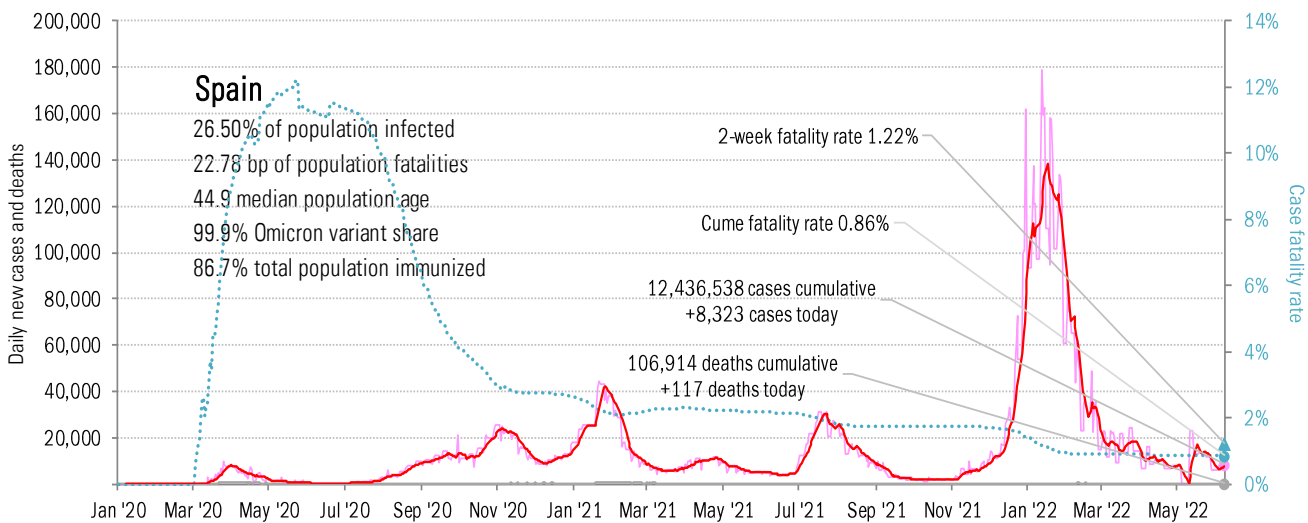
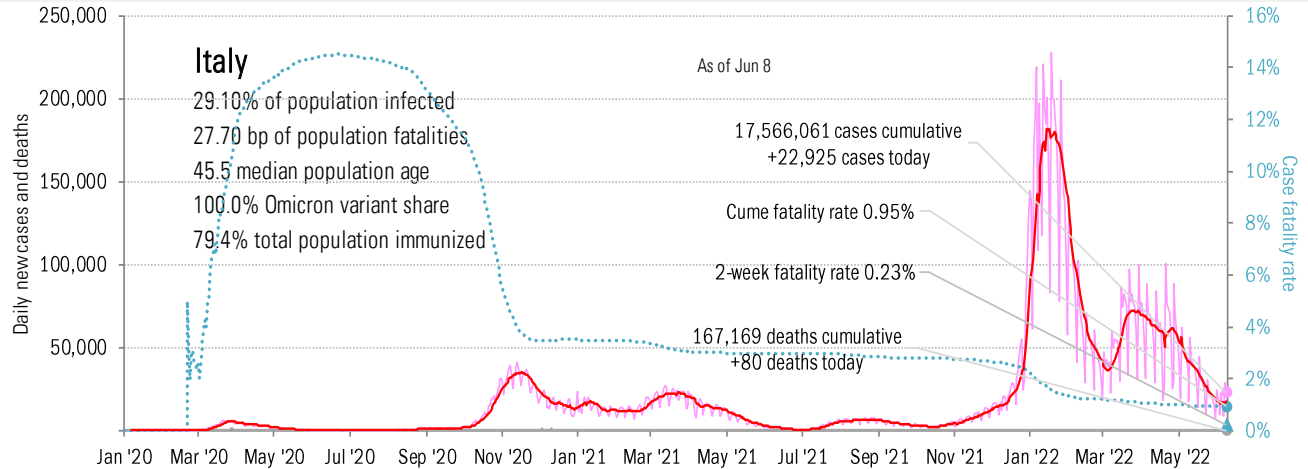
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

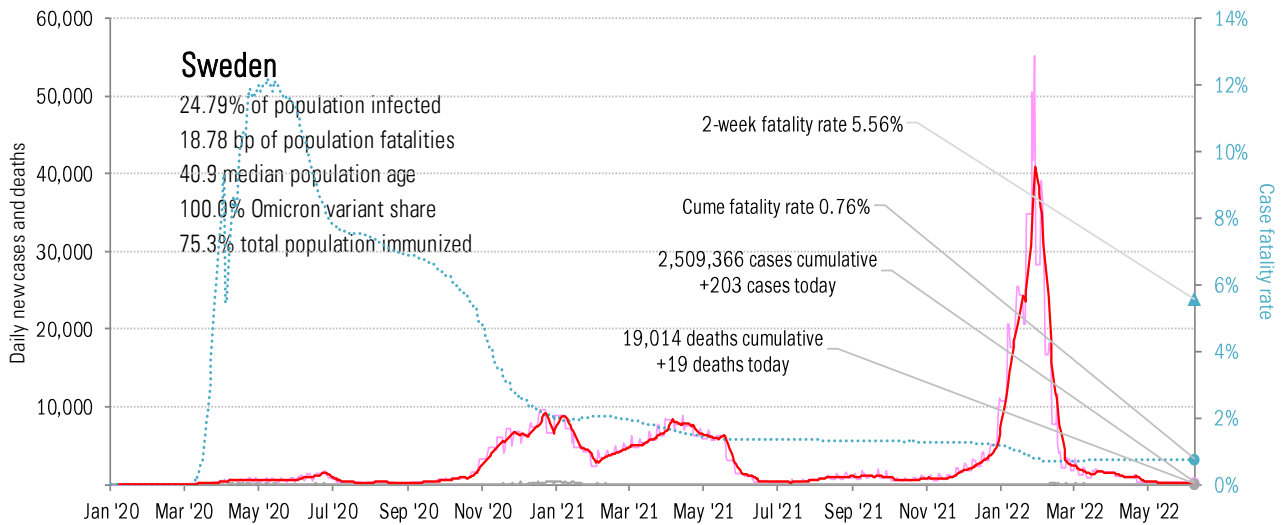
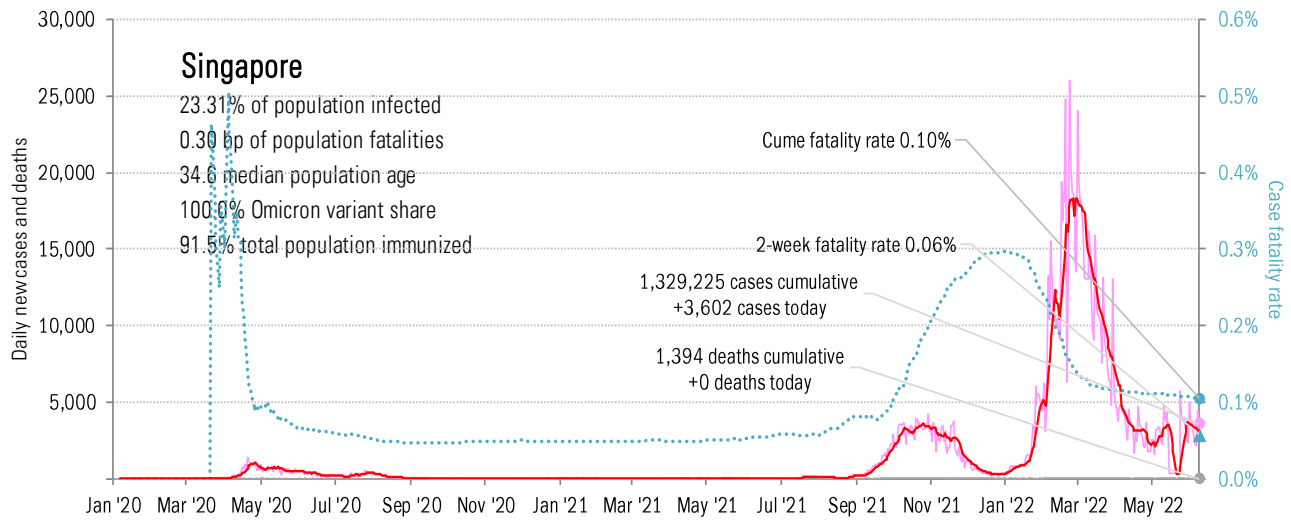
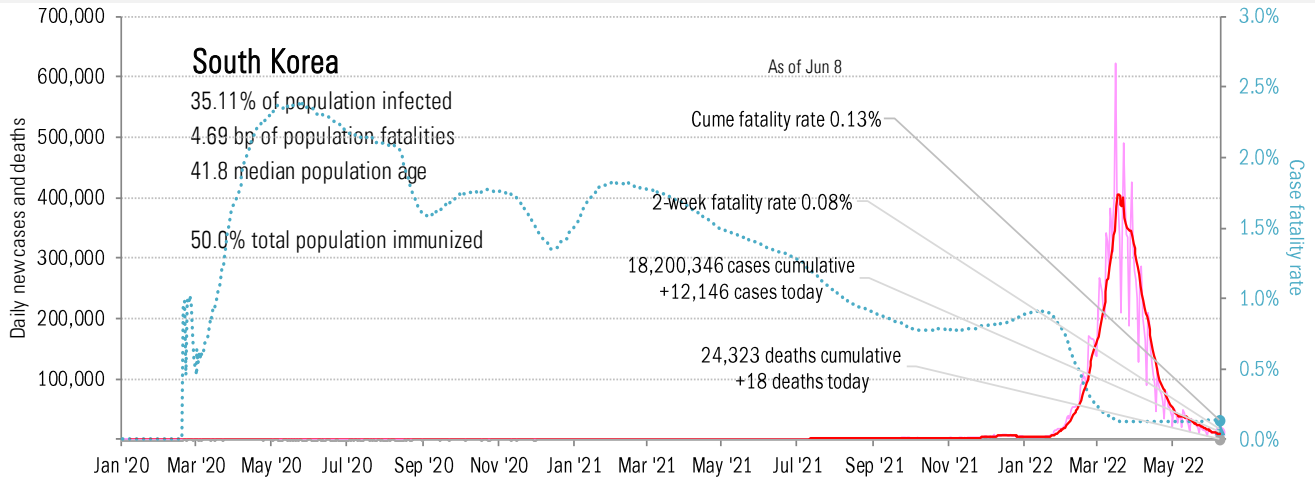
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

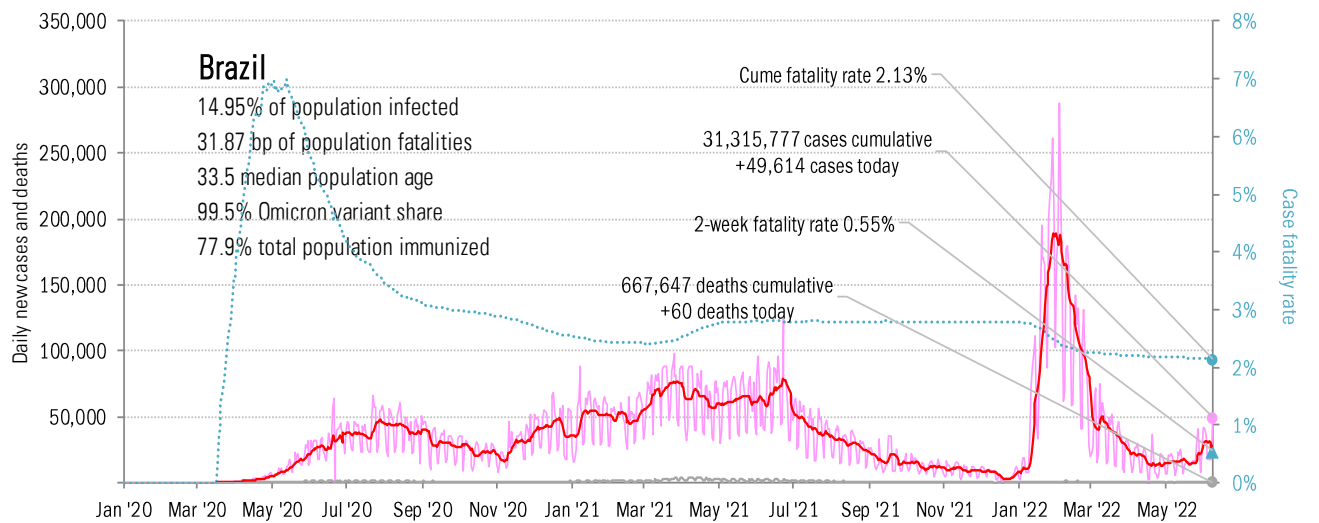
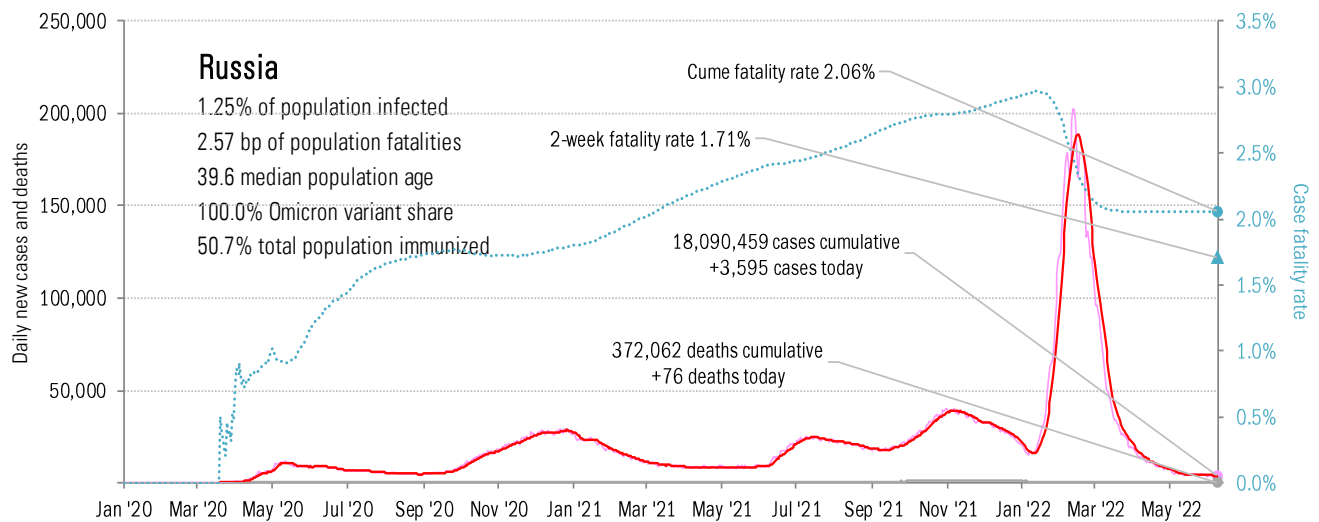
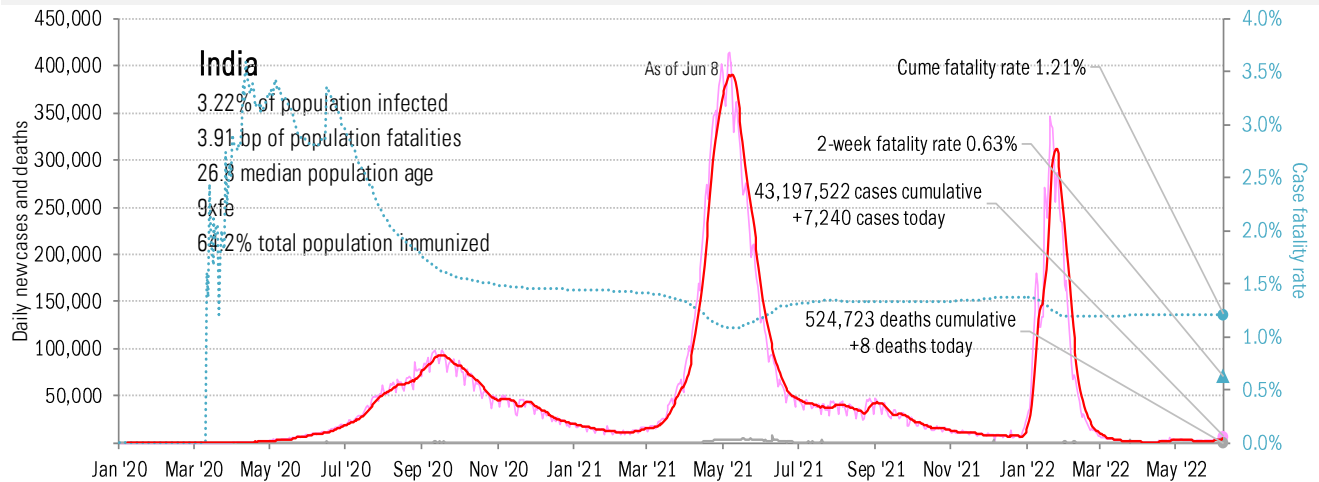
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

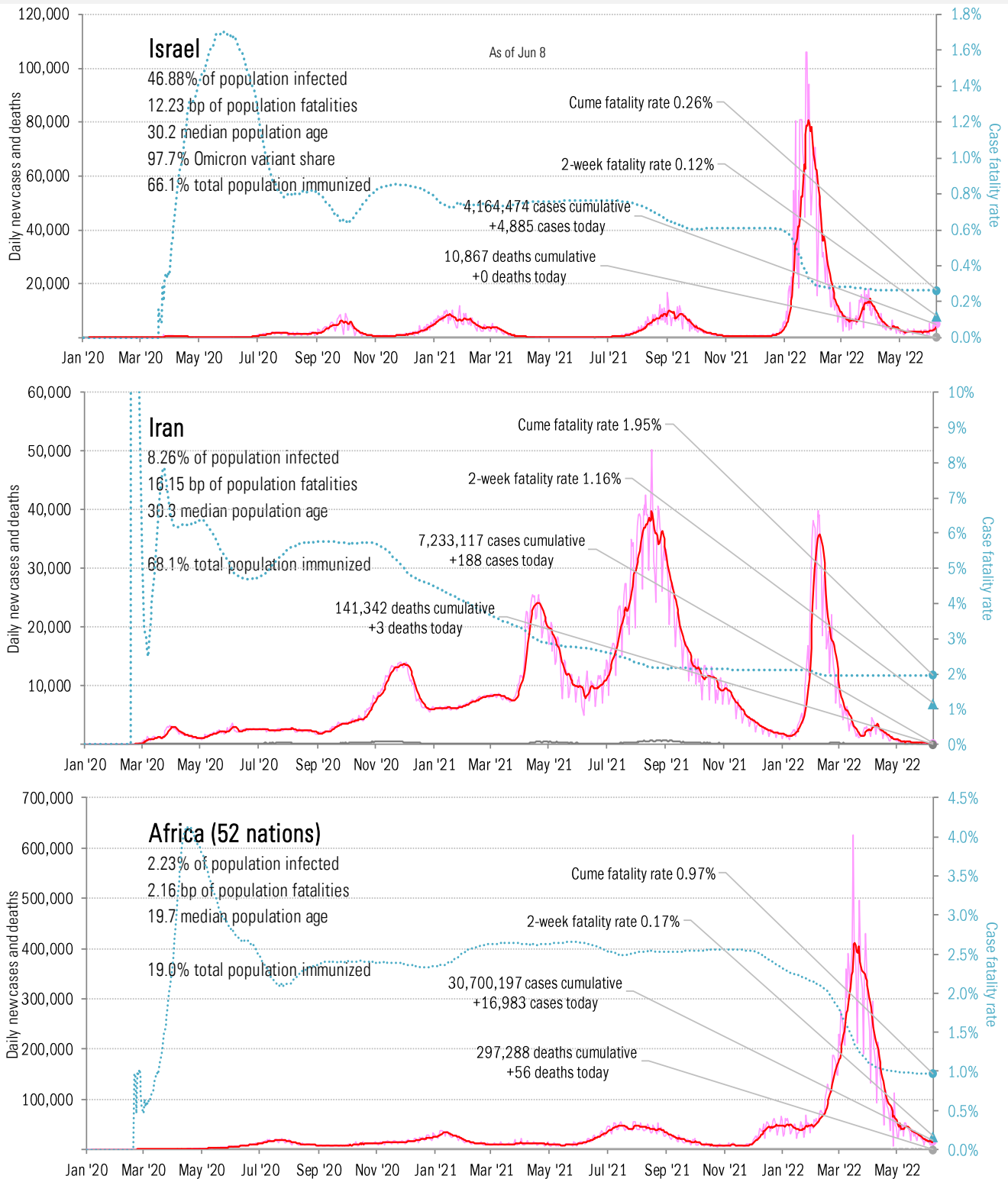
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

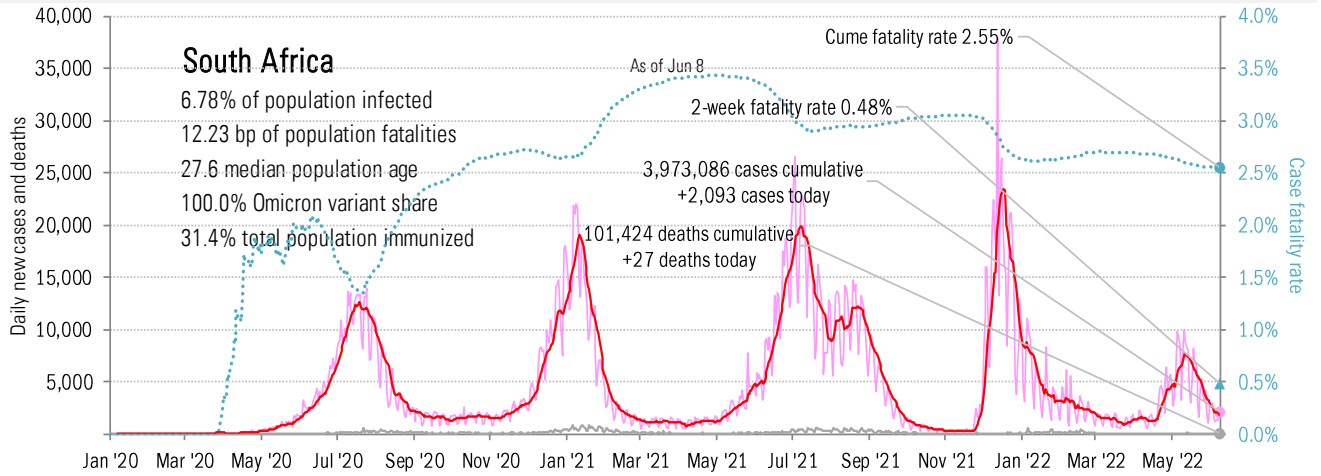
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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