

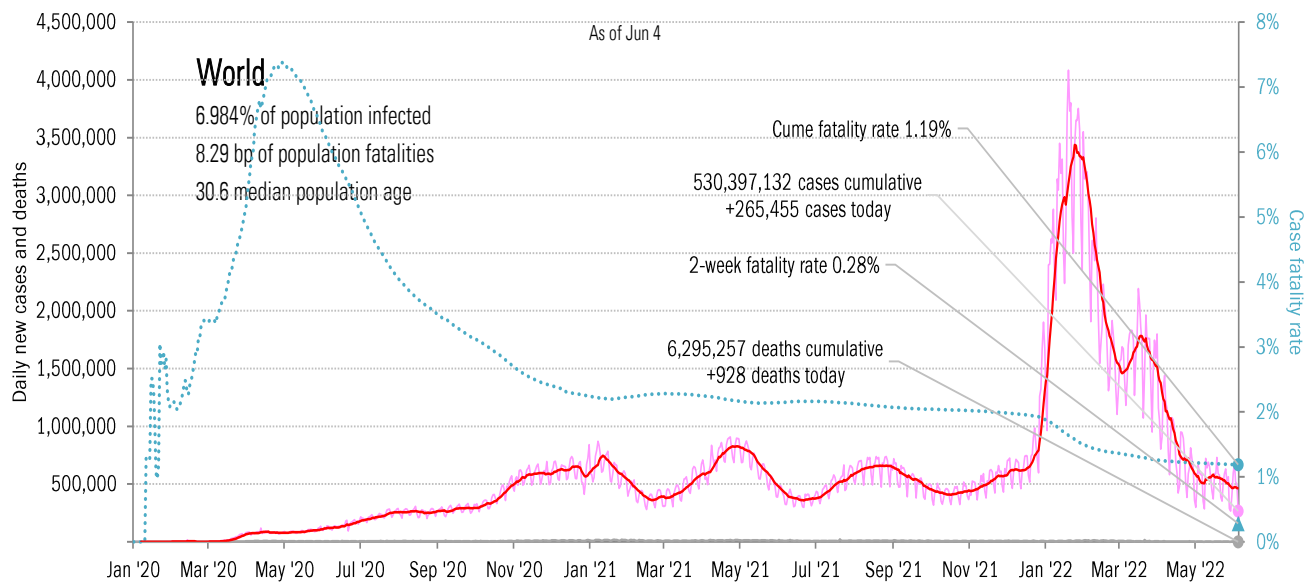
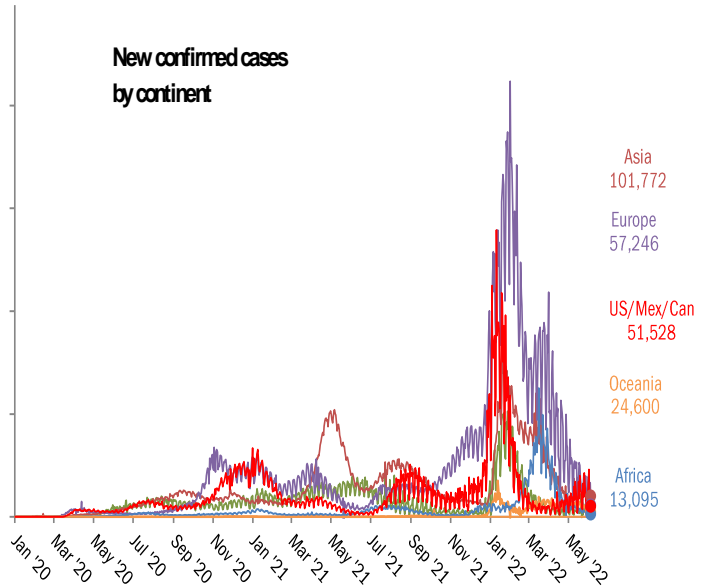
Data Insights: Covid-2019 Monitor

Sunday, June 5, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Taiwan*	68,128	United States	456
United States	42,893	Russia	78
France	25,172	Italy	47
Italy	22,809	Mexico	34
Australia	20,127	South Africa	28
Japan	18,236	Thailand	28
Chile	9,890	Australia	27
Korea, South	9,835	Canada	25
Mexico	6,996	Chile	23
New Zealand	4,473	Japan	23
228,559		769	
World	265,455	World	928
Top ten	86%	Top ten	83%



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

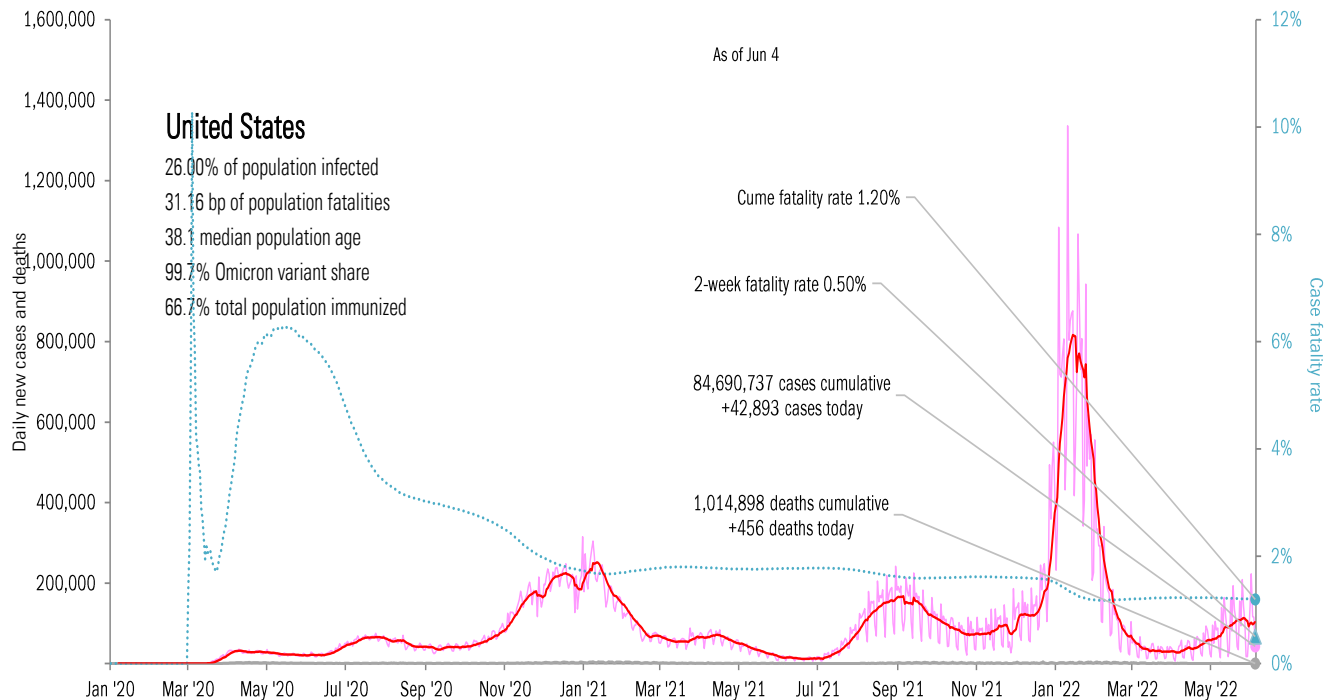
New cases		New deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital		Hospital use		ICU use	
CA	46,475	FL	476	CA	476	CA	9,661,436	CA	91,502	TX	495,373	RI	91%	DE	93%
TX	235	TX	235	TX	235	TX	6,974,280	TX	88,390	CA	436,800	MA	86%	NM	84%
GA	116	GA	116	GA	116	FL	6,184,184	FL	74,733	FL	428,152	MN	85%	NH	83%
CA	402	CA	402	CA	402	NY	5,466,873	NY	69,124	NY	263,924	MD	84%	WA	82%
NY	321	NY	321	NY	321	IL	3,318,982	PA	45,254	GA	209,957	GA	84%	RI	82%
OH	171	OH	171	OH	171	PA	2,932,186	CH	38,657	CH	196,140	DE	84%	TX	82%
NV	56	NV	56	NV	56	CH	2,780,653	GA	38,242	PA	182,889	PA	83%	NC	80%
AZ	1,863	TX	5	CH	171	NC	2,772,730	IL	38,188	IL	163,919	MI	82%	AL	79%
KY	1,765	AZ	5	NV	56	GA	2,571,104	MI	36,407	MI	147,201	NH	82%	MA	79%
CK	1,467	DC	1	AZ	95	MI	2,547,366	NJ	33,760	KY	134,444	MO	82%	MI	78%
AR	472	AK	0	MO	78										
ME	315	AL	0	SC	54										
	42,627		87		2,004		45,209,794		554,257		2,658,799				
All states	42,893		456		4,160	All states	84,690,737		1,014,898		4,828,254	All states	70%		67%
Top ten	99%		19%		48%	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

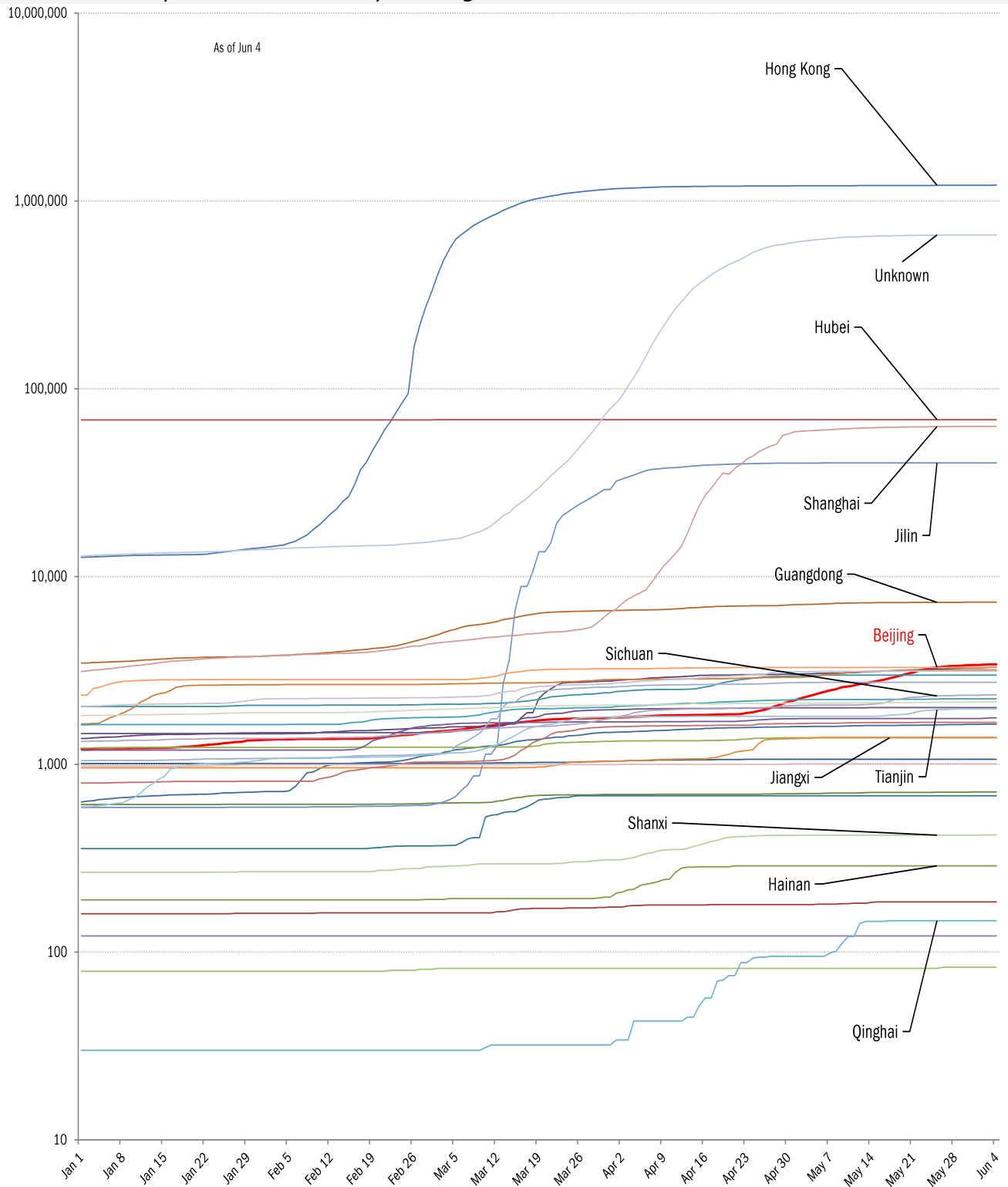
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CA	-13,211	FL	-87	CO	-133	AZ	+10 bp
WA	-8,448	CA	-75	NJ	-94	ID	+10 bp
MO	-6,962	MO	-34	FL	-68	LA	+10 bp
IL	-5,820	IN	-28	MI	-43	MA	+10 bp
NY	-4,454	NM	-22	MN	-38	MT	+10 bp



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

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

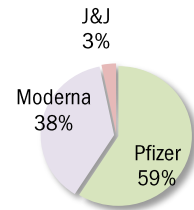
Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



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

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	604,373,838		+0.409 million		US	66.7%	77.9%	
Boosters	45,093,677		+0.028 million		UK	73.2%	78.4%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%	80.7%
Total population	266,602,597	80%	227,802,839	68%	+0.055 million	Spain	86.7%	88.2%
Age 12 to 17	17,820,054	70%	15,265,070	60%	+0.005 million	Germany	76.9%	76.9%
Age 18 to 64	179,073,124	88%	152,335,666	75%	+0.029 million	Italy	79.4%	84.1%
Age 65 and over	59,190,038	100%	51,694,649	94%	+0.015 million	Australia	83.8%	86.6%
						Israel	66.1%	72.2%
						Canada	82.5%	86.9%
						Japan	81.0%	82.2%
						Africa	17.4%	22.7%
						India	64.0%	72.6%
						Brazil	77.8%	86.0%
						China	87.0%	89.4%



State	Best
AK	70.1%
	62.8%

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

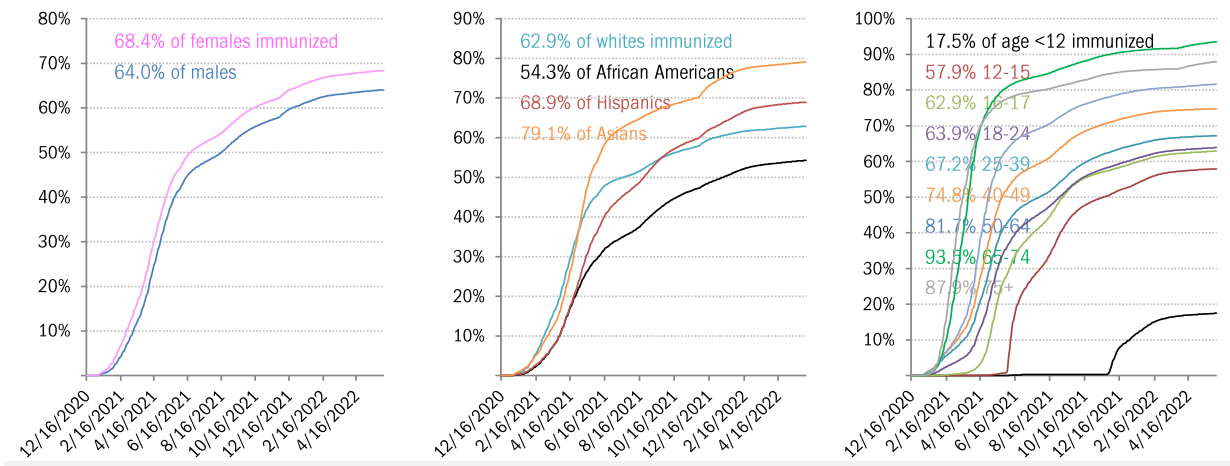
Immunity = two doses

Global data differs due to sources, timing

As of Jun 4

State	Best
WI	72.2%
	65.9%
ME	91.3%
	80.2%
NH	89.0%
	71.2%
NY	90.7%
	77.5%
VT	94.1%
	81.7%
MA	95.0%
	79.7%
PA	85.6%
	69.2%
NJ	91.0%
	76.2%
MA	95.0%
	79.7%
CA	82.6%
	72.6%
UT	72.4%
	64.6%
CO	79.8%
	70.6%
NE	70.5%
	63.8%
MO	66.5%
	56.4%
KY	66.5%
	57.7%
WV	65.3%
	57.9%
VA	86.3%
	73.7%
MD	87.1%
	76.2%
CT	95.0%
	79.8%
RI	95.0%
	83.4%
AZ	73.7%
	62.1%
NM	88.5%
	71.7%
KS	74.9%
	61.9%
AR	67.1%
	54.8%
TN	62.5%
	54.8%
NC	85.2%
	62.1%
SC	68.1%
	57.4%
DC	95.0%
	78.7%
DE	83.8%
	69.8%
OK	71.5%
	57.7%
LA	61.3%
	53.8%
MS	59.9%
	52.1%
AL	63.0%
	51.4%
GA	65.8%
	55.1%
TX	73.9%
	62.0%
FL	79.8%
	67.4%
PR	95.0%
	83.4%
HI	87.9%
	78.7%

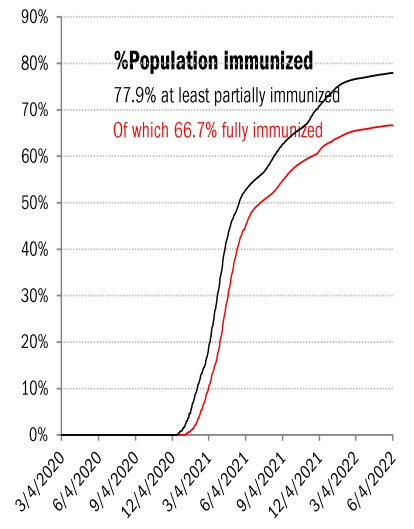
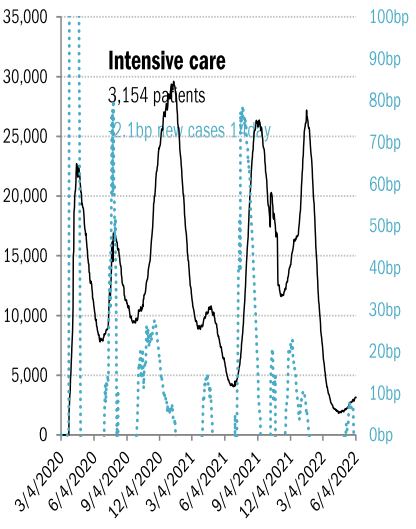
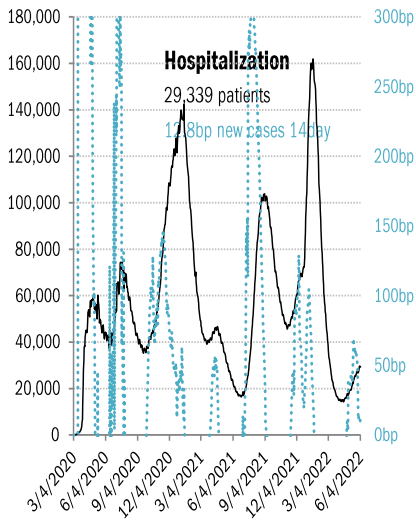
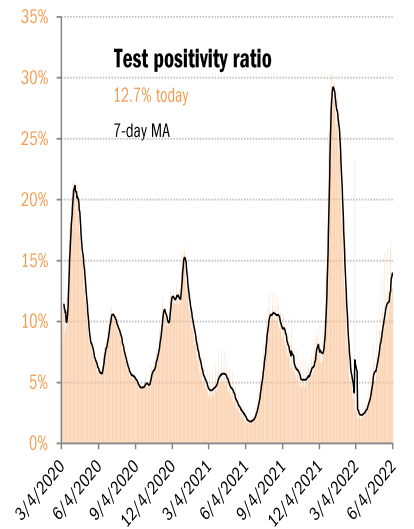
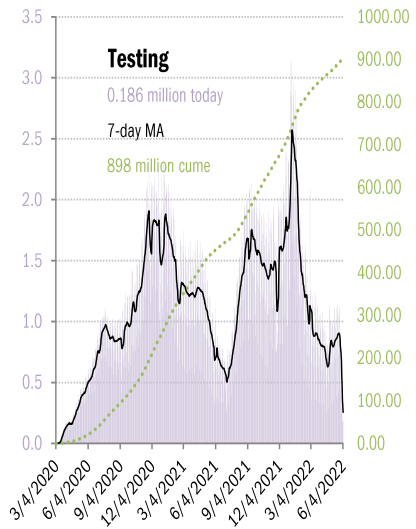
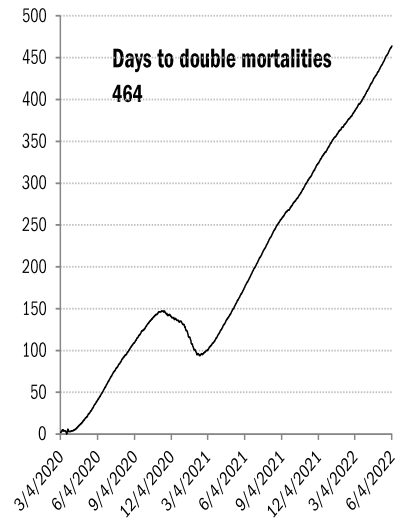
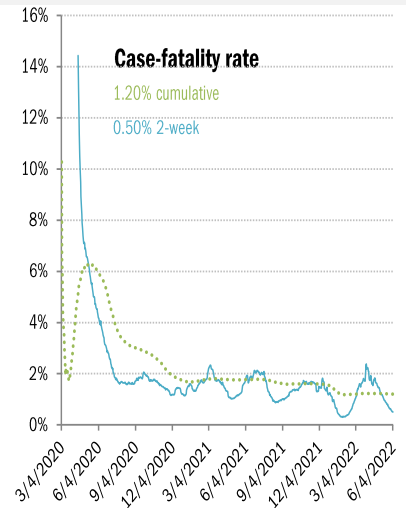
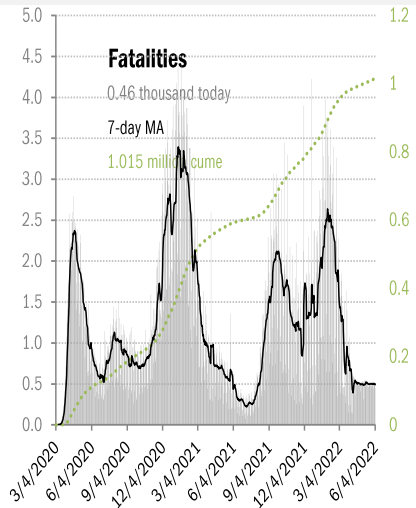
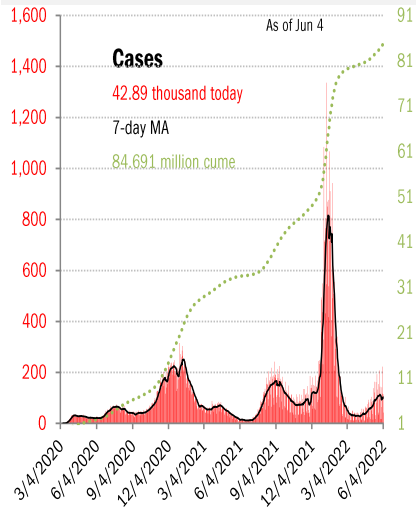
The demographics of US vaccination



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

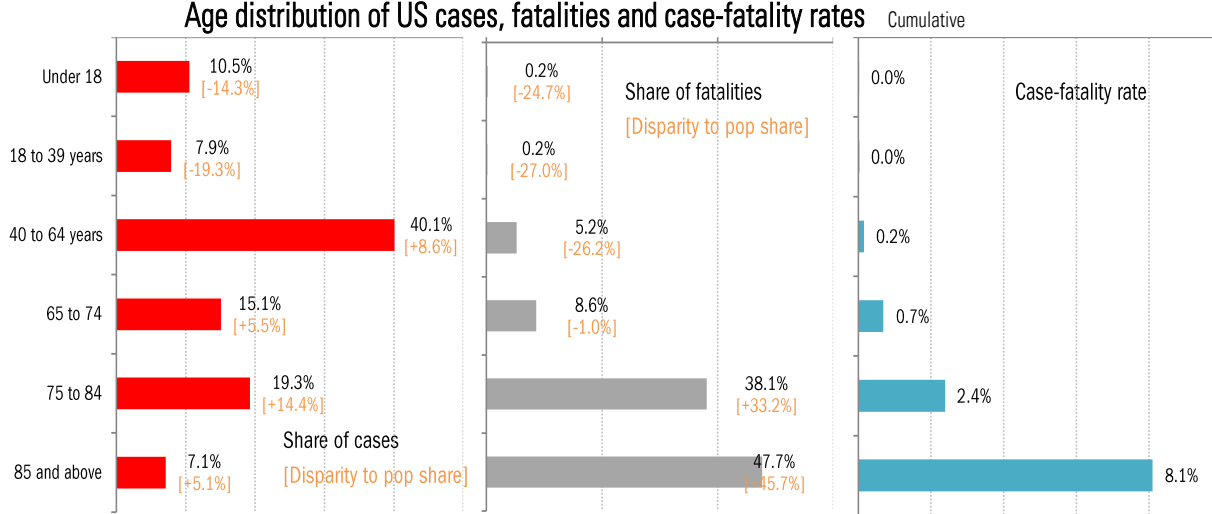
US deep-dive

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

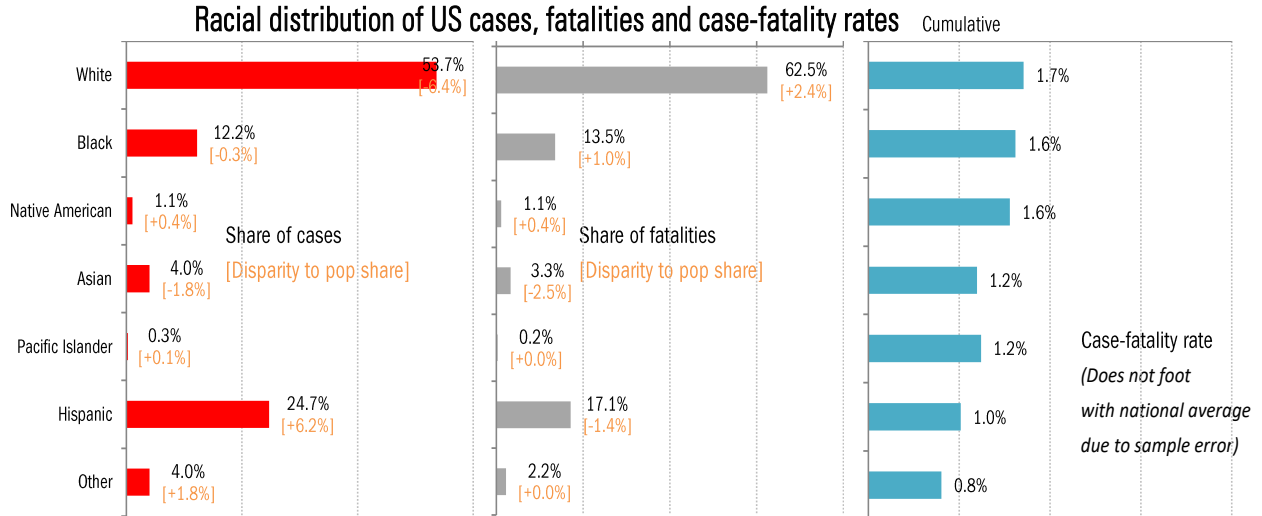


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

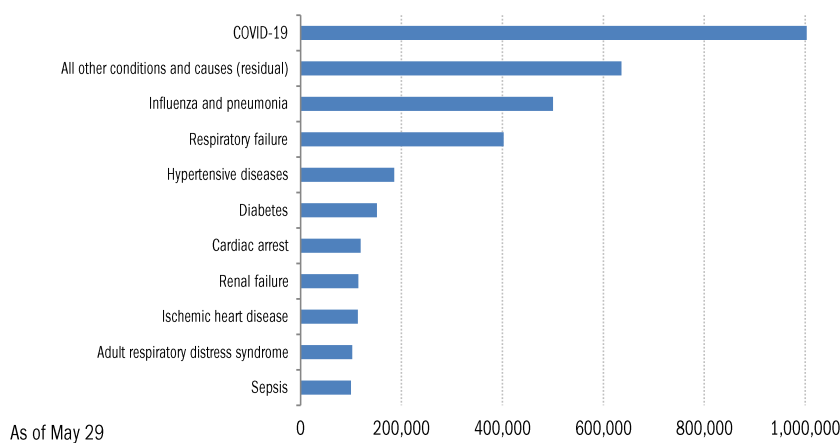


Racial distribution of US cases, fatalities and case-fatality rates



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 cases are on the rise. Does it matter anymore?](#)

Peter Sullivan

The Hill

June 5, 2022

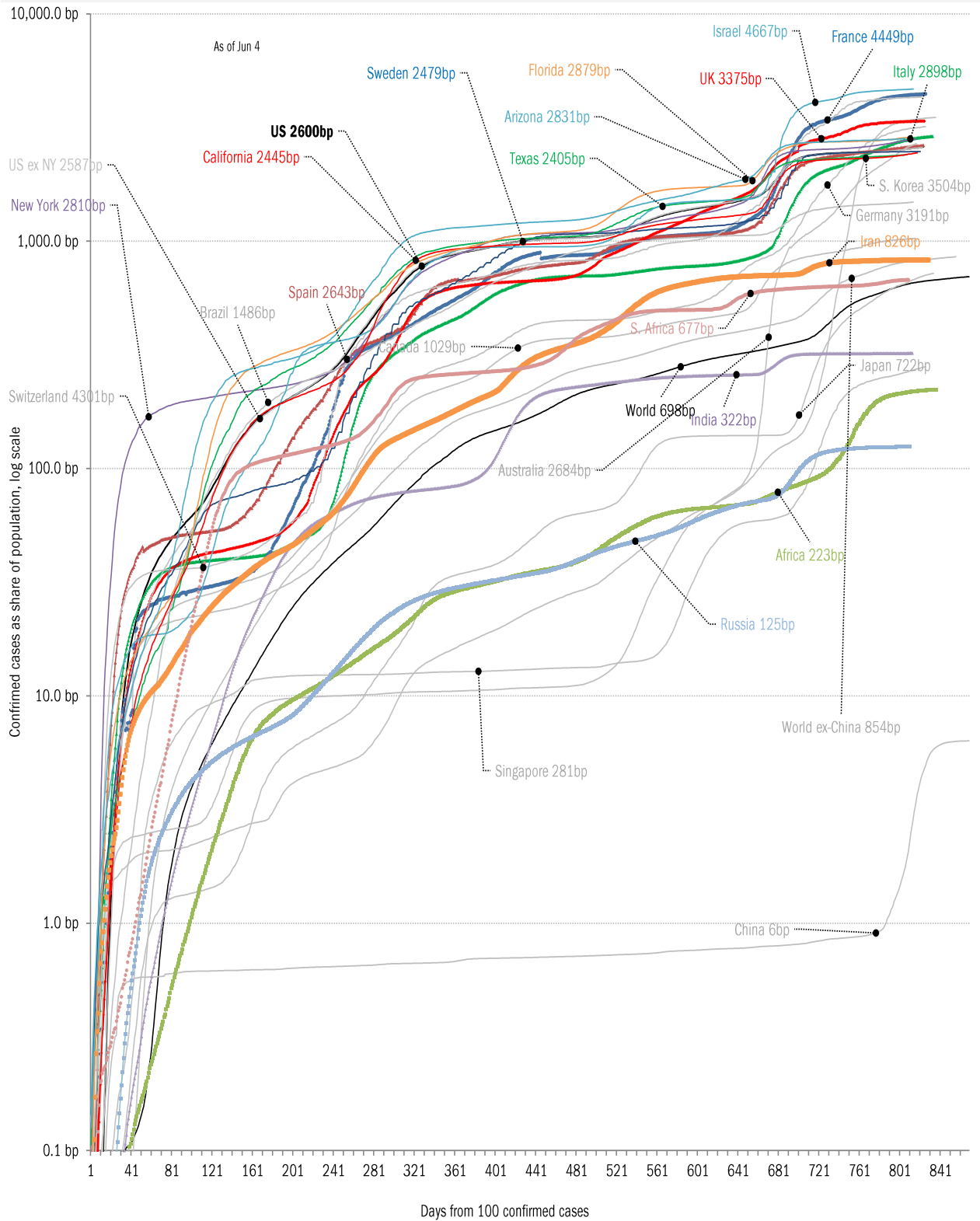
Meme of the day

Me watching re-runs of the Simpsons to find out what we have to deal with next



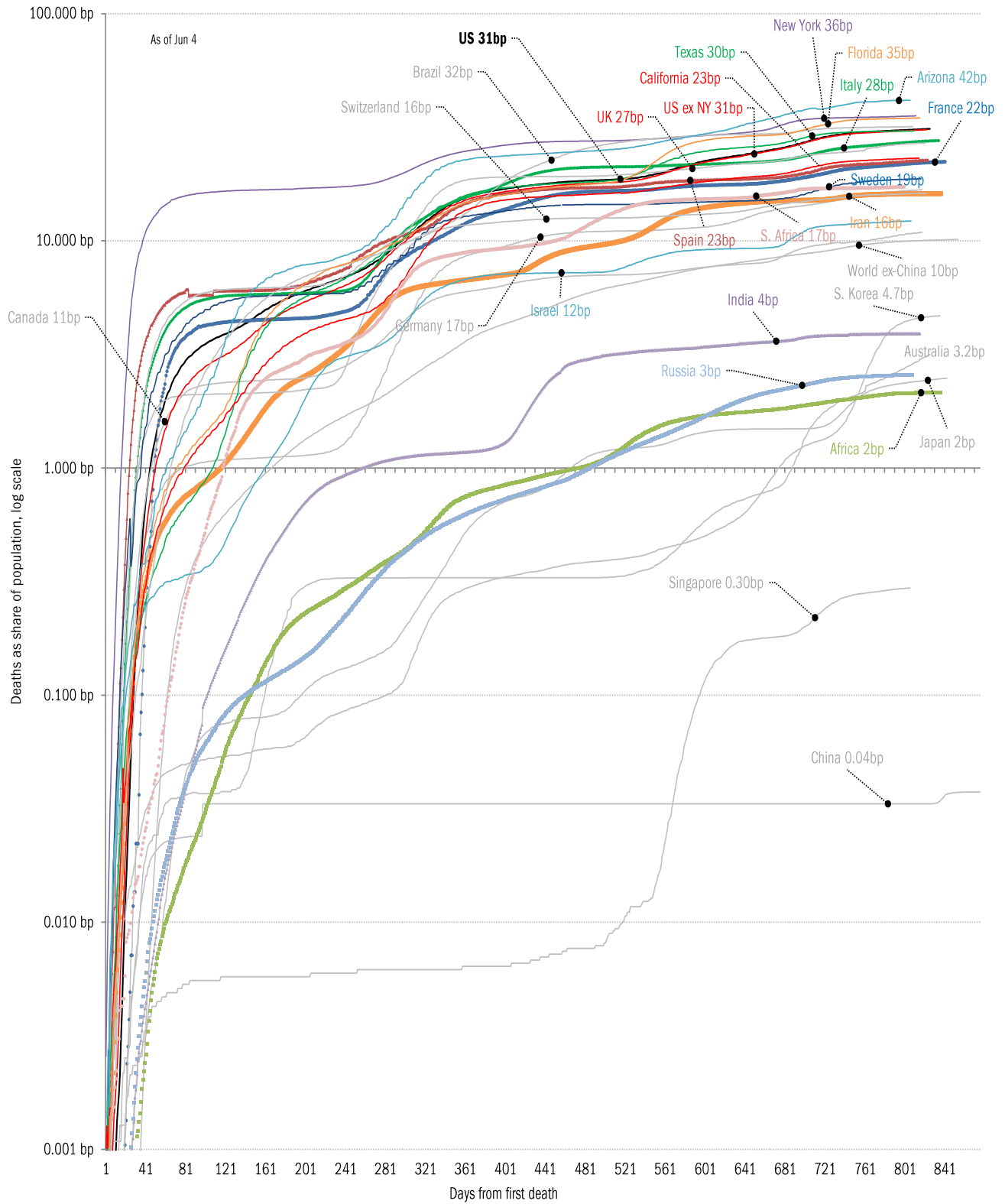
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

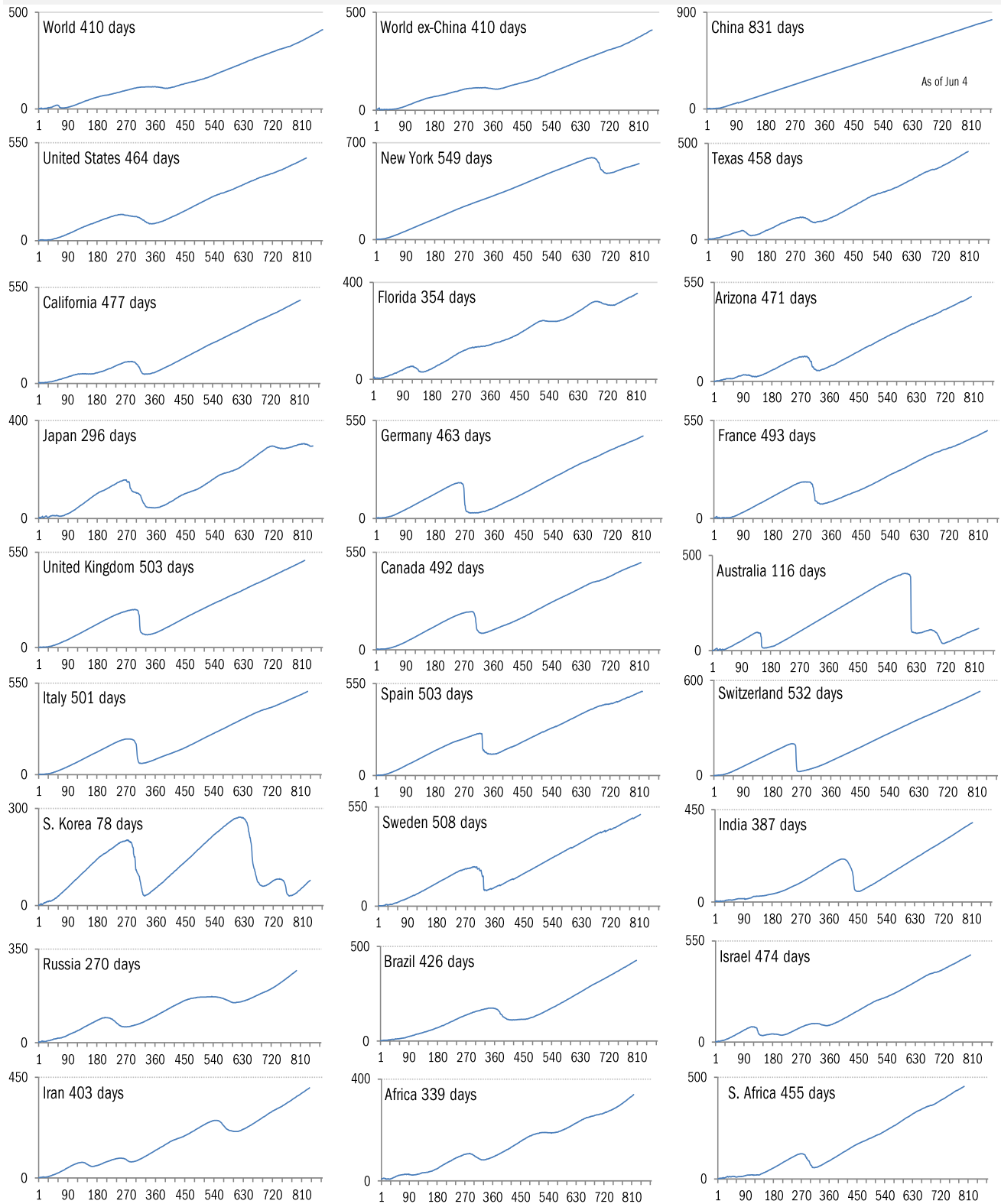


Source: [Johns Hopkins](#), TrendMacro calculations

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

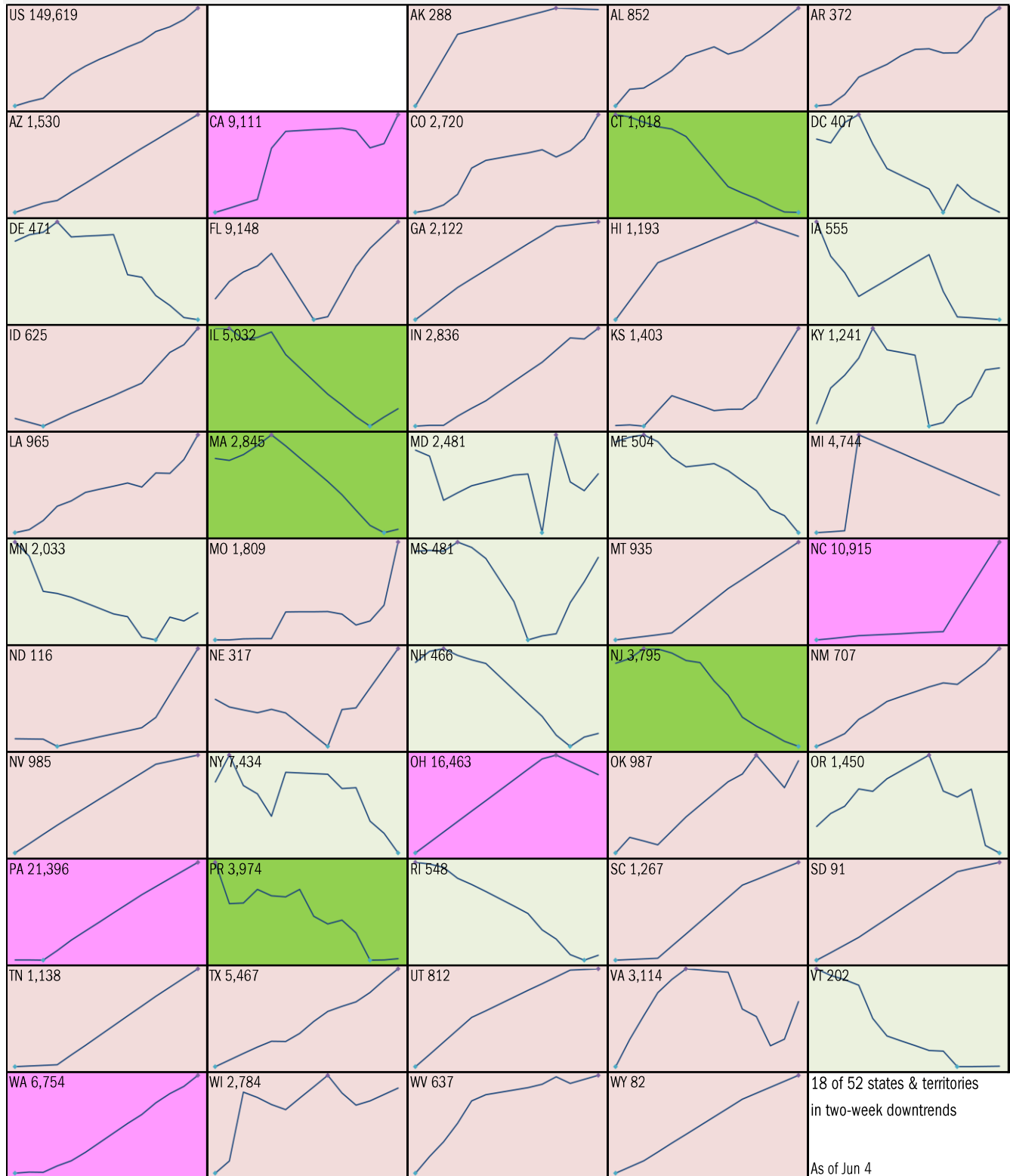


Source: [Johns Hopkins](#), TrendMacro calculations

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

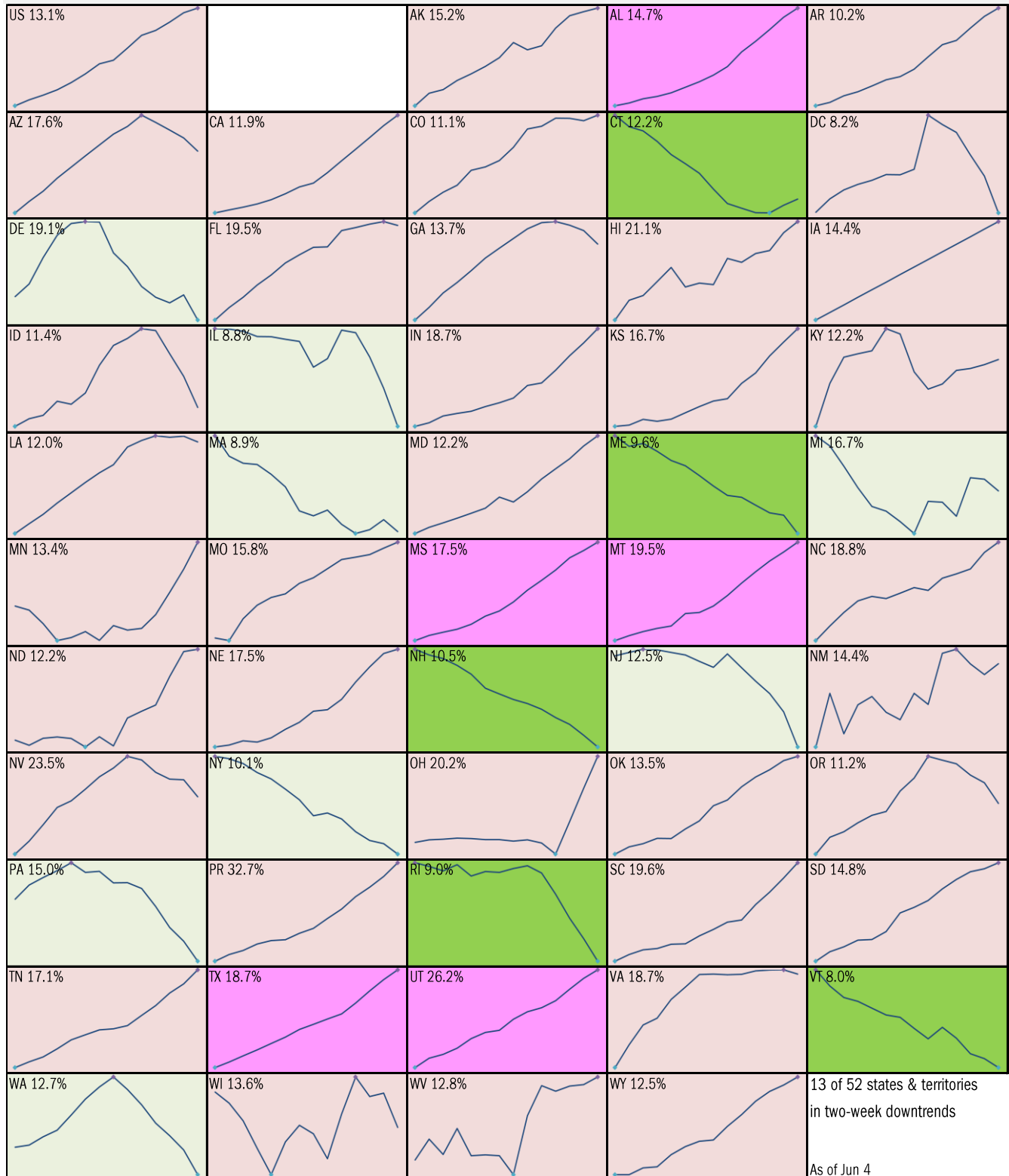


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

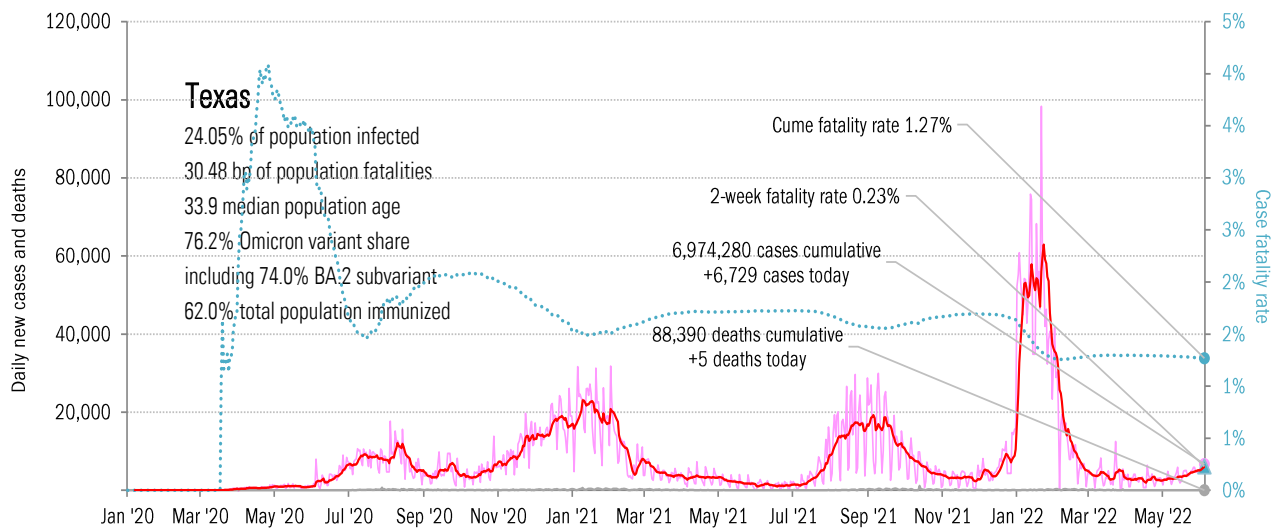
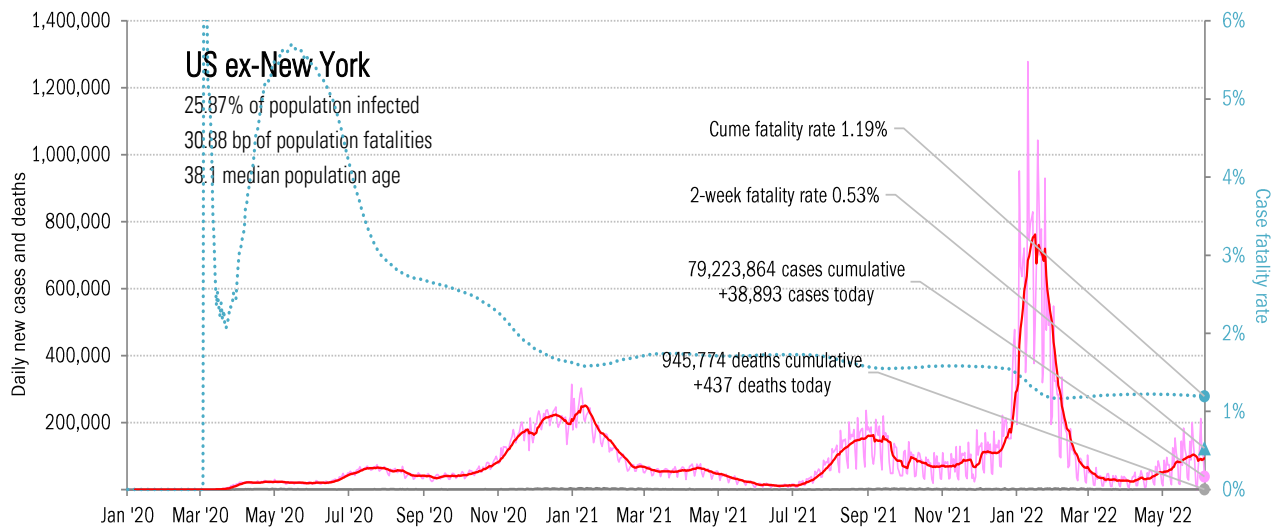
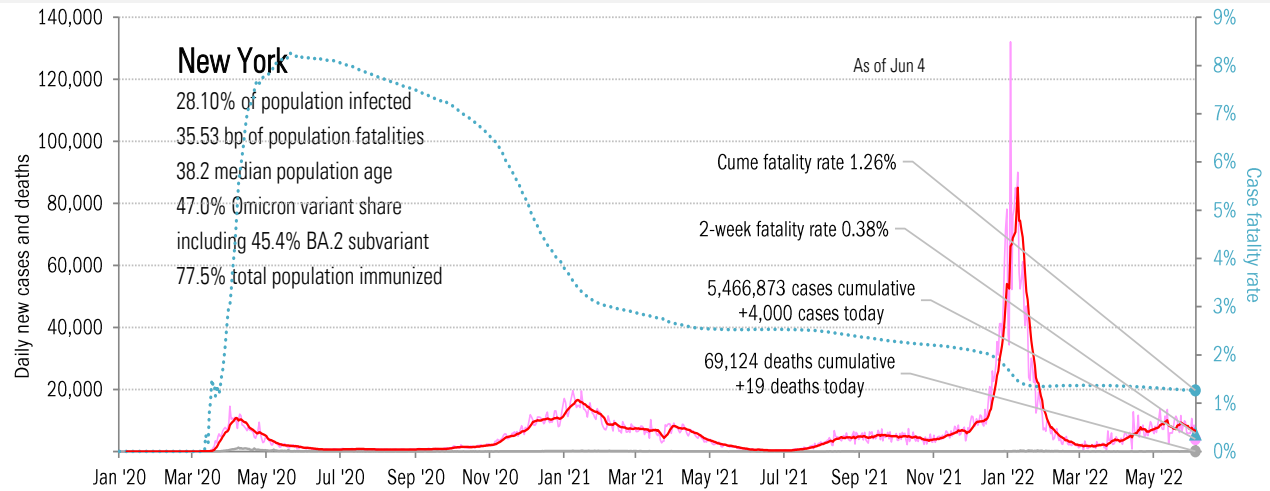
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

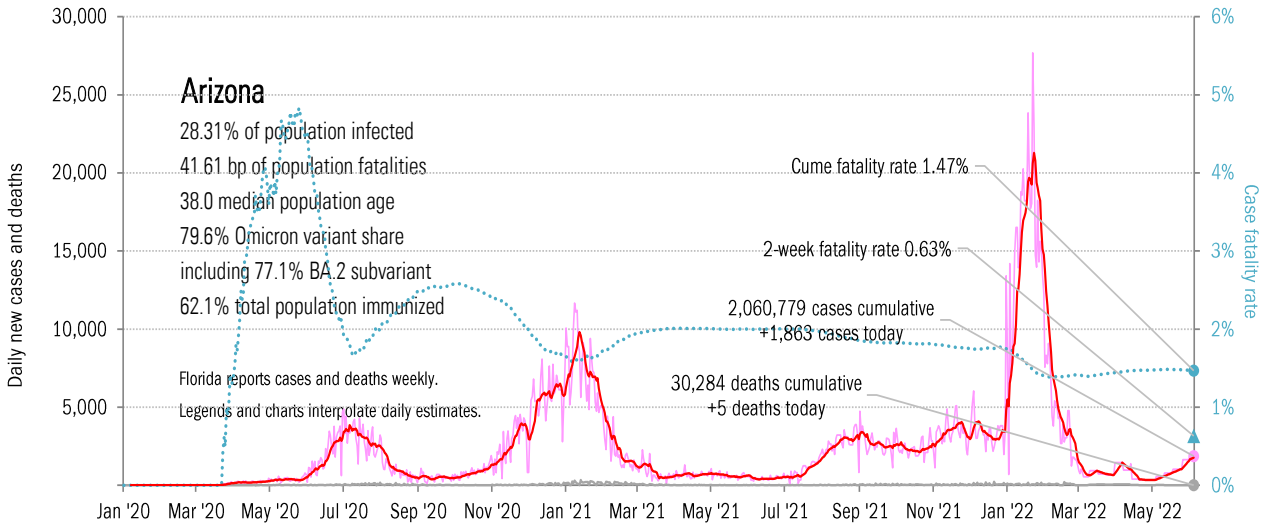
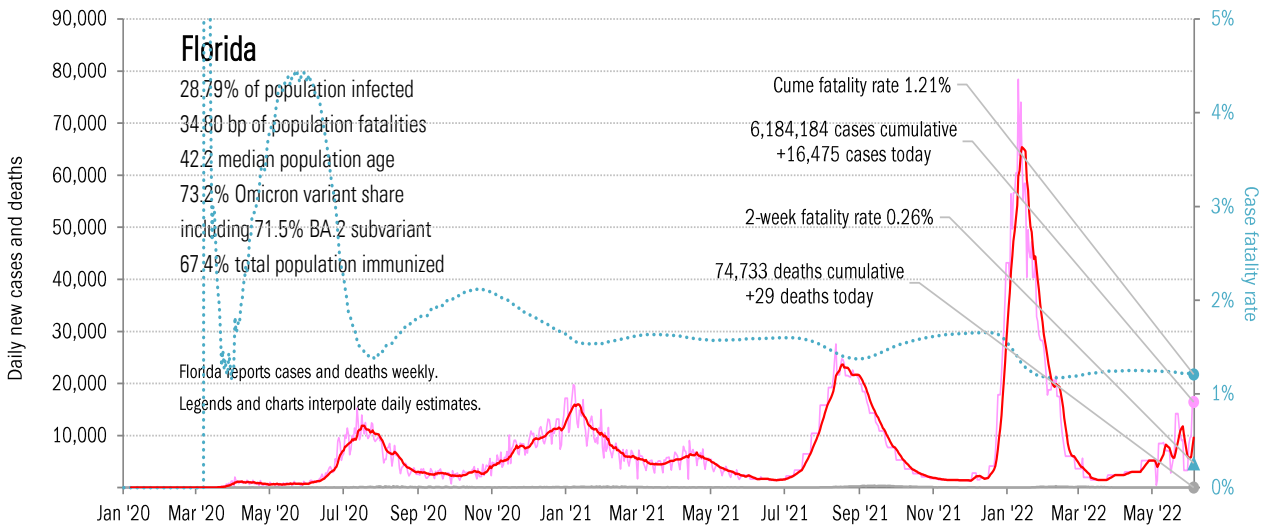
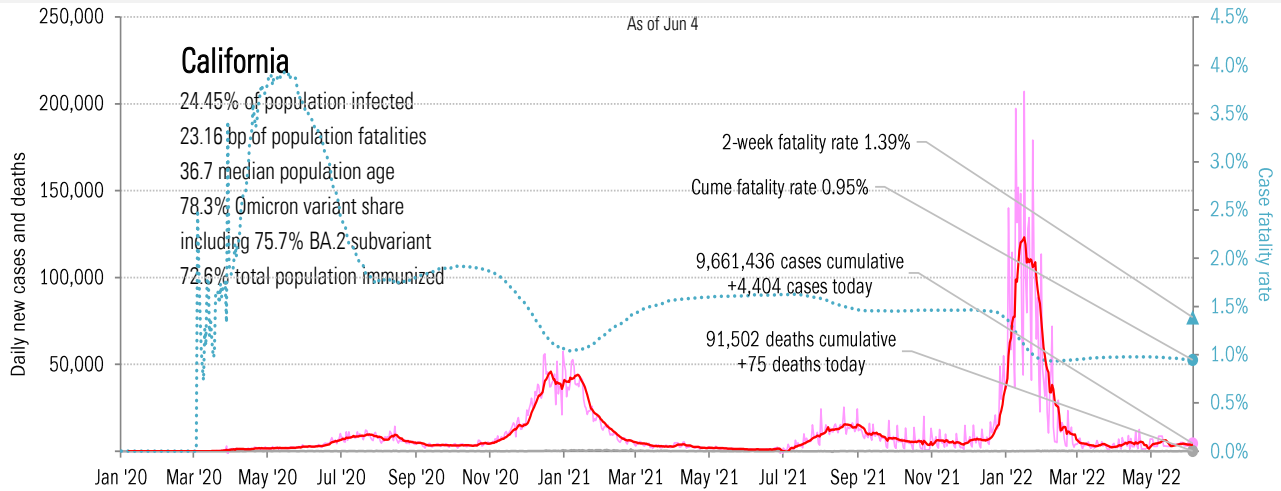
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

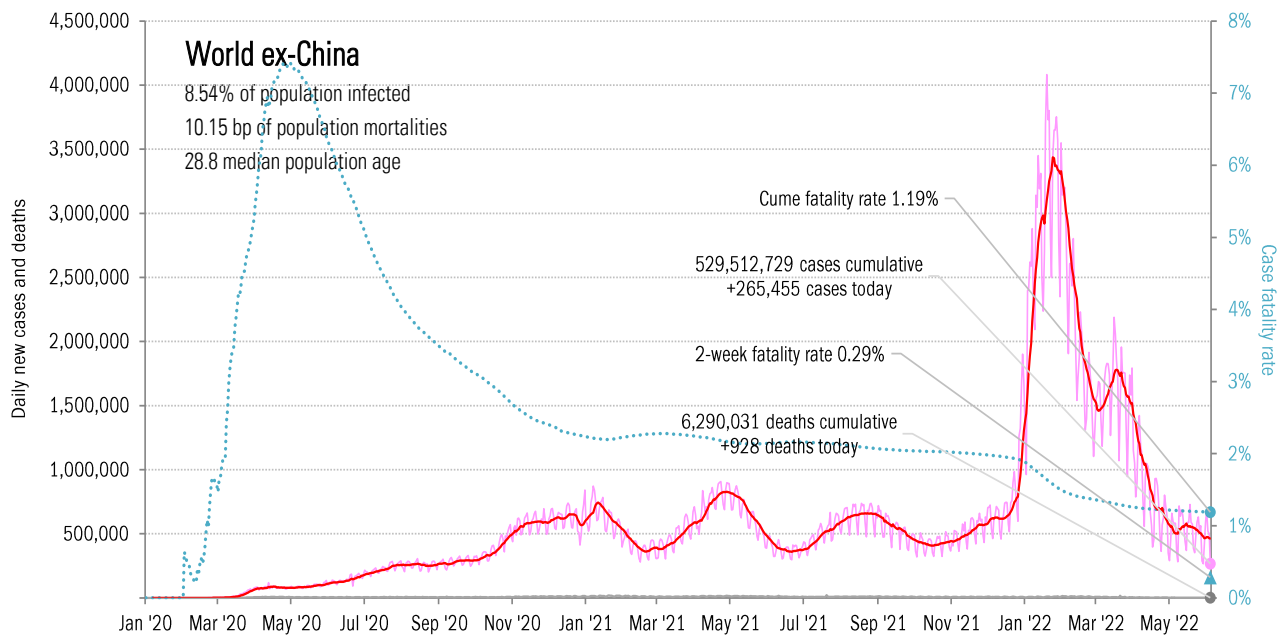
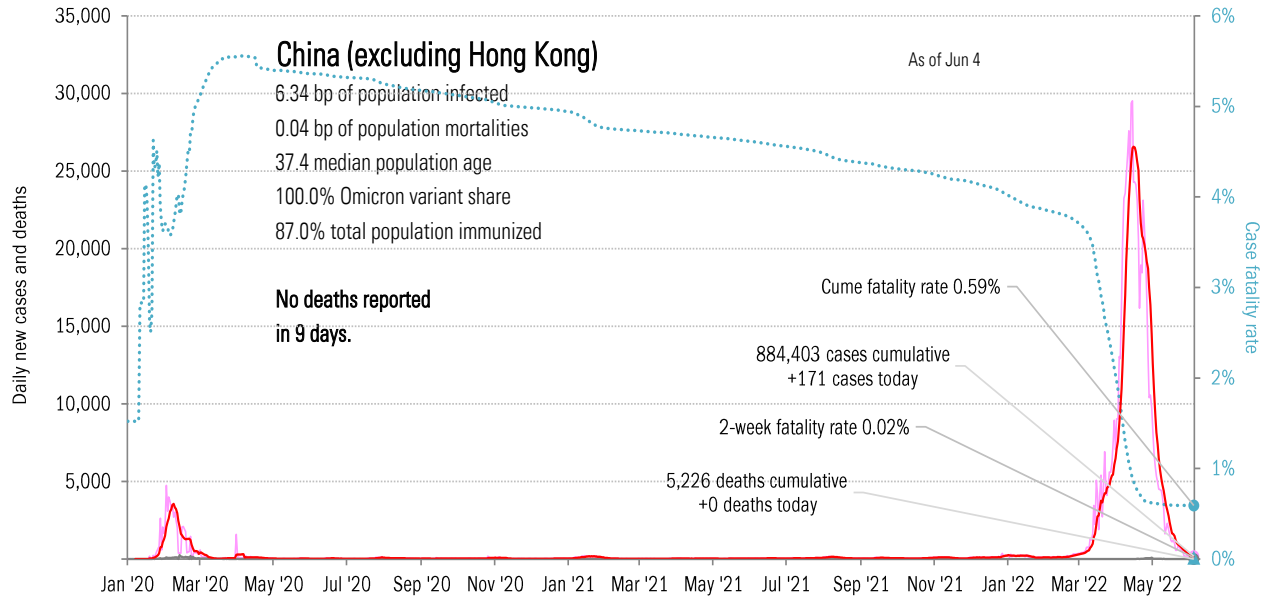
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

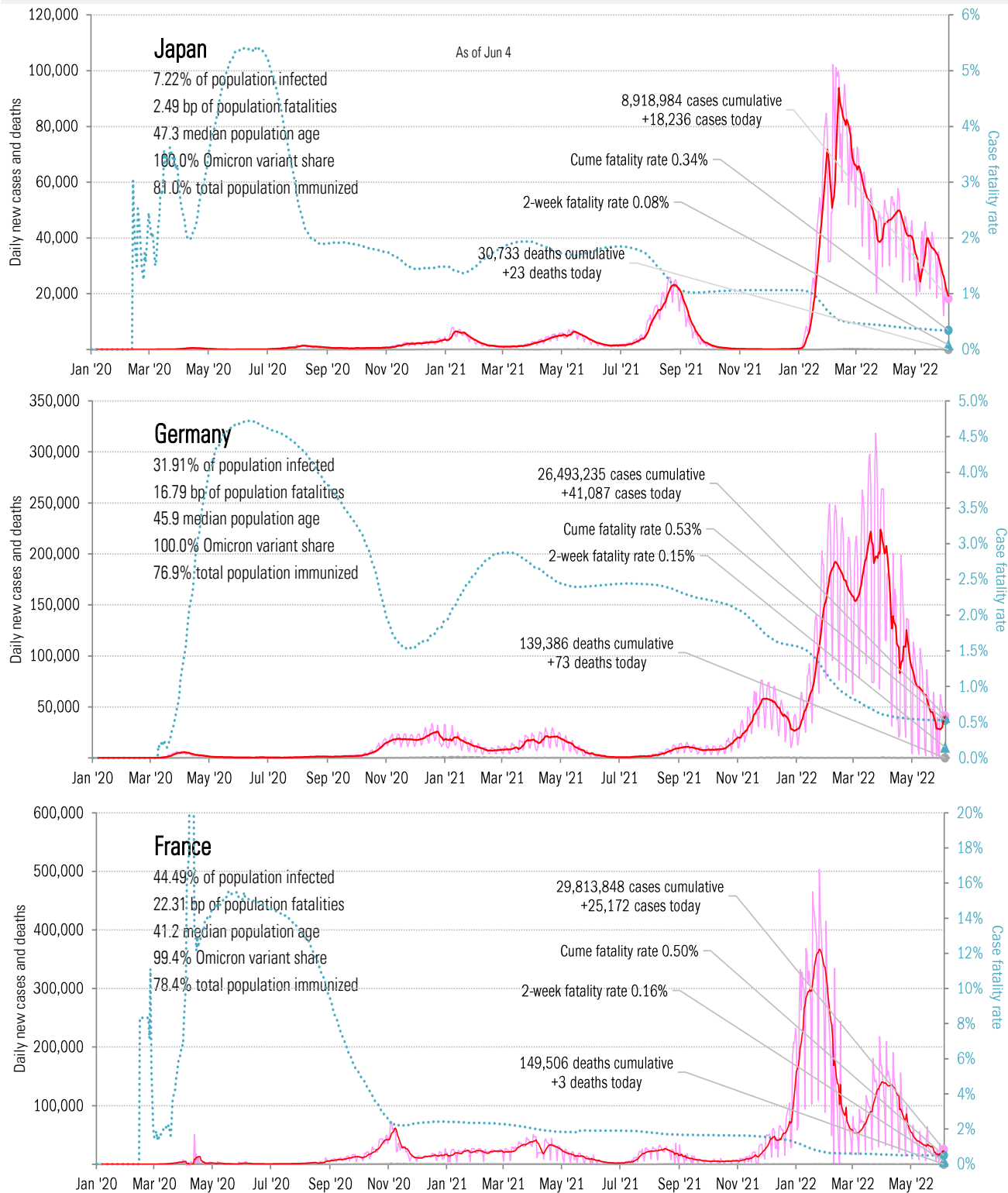
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

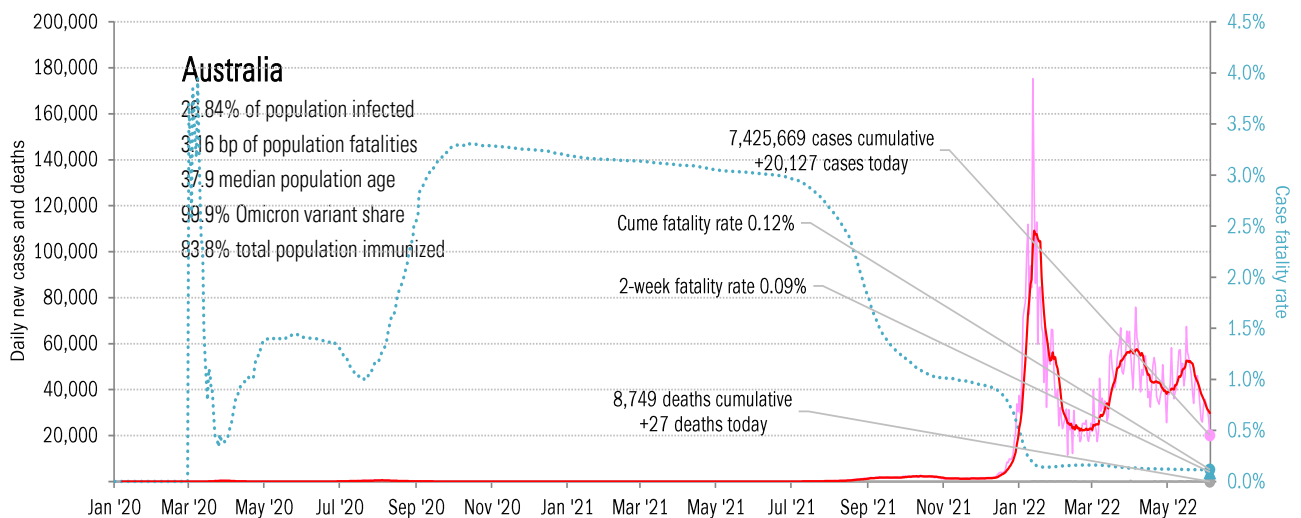
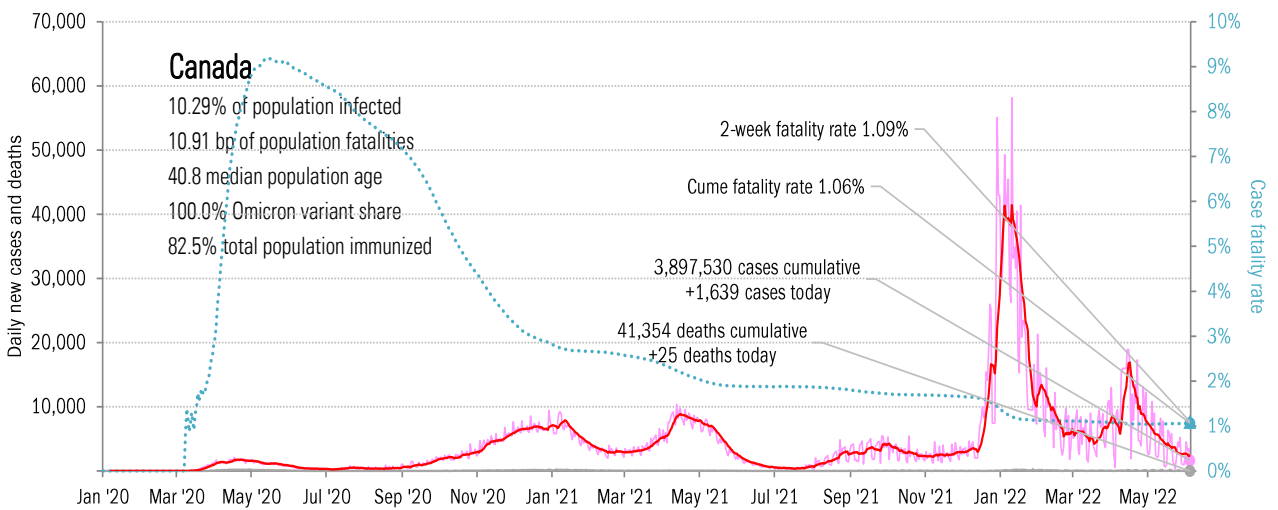
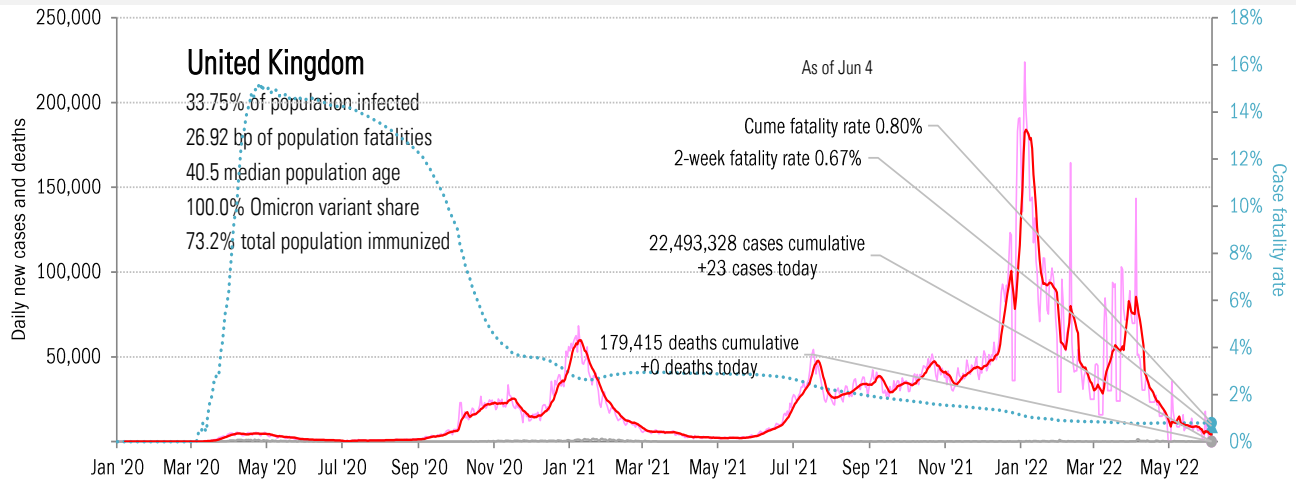
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

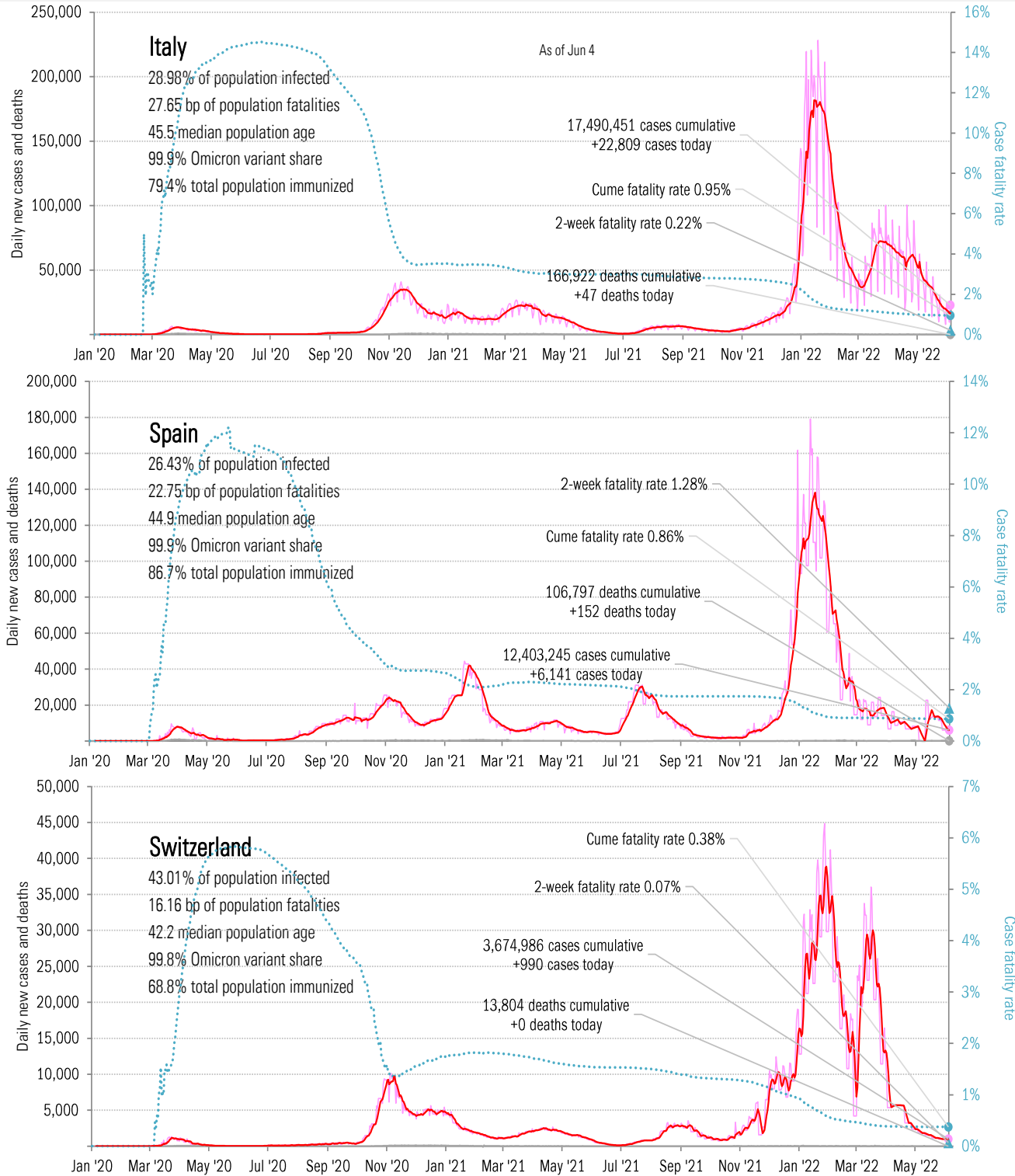
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

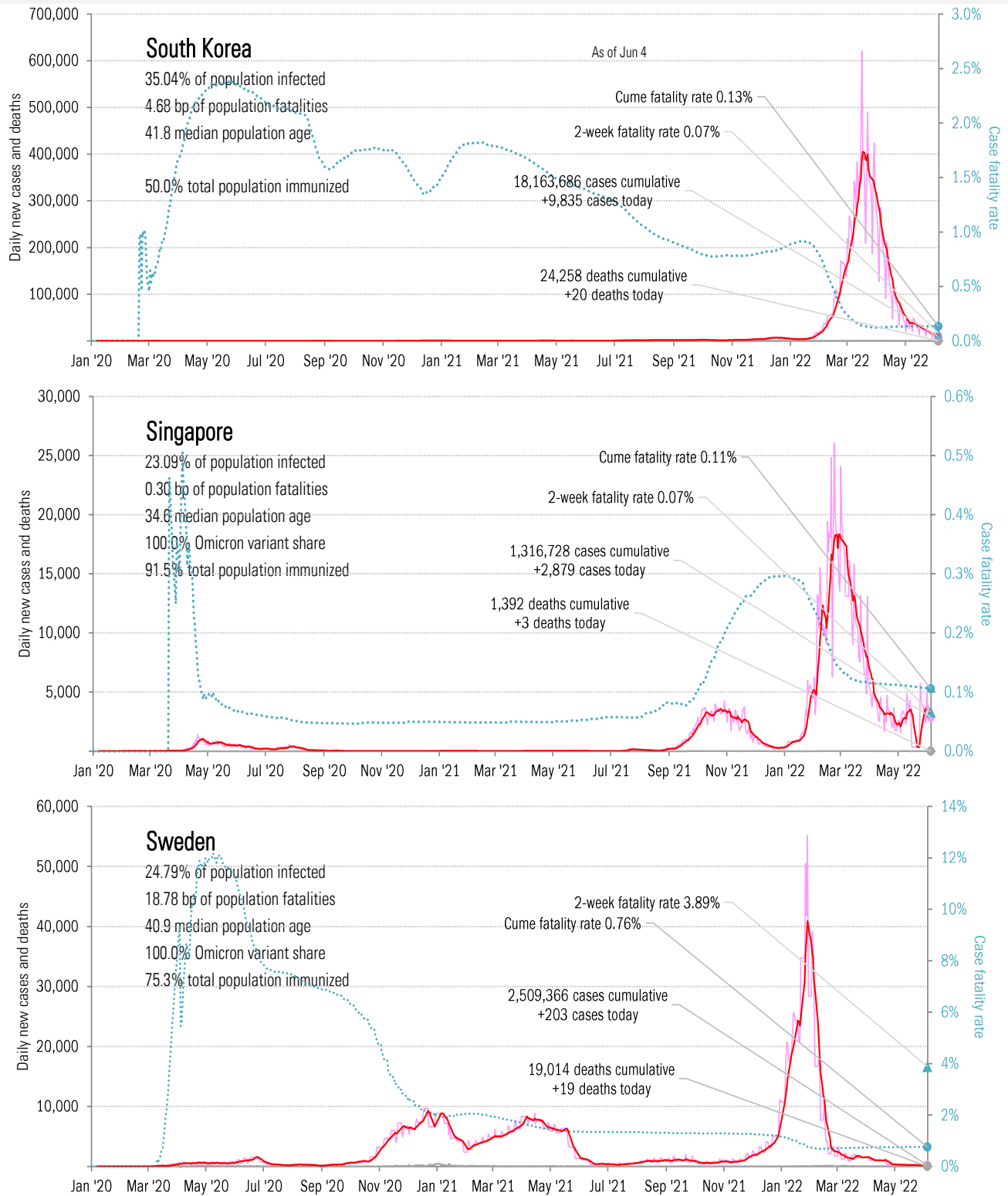
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

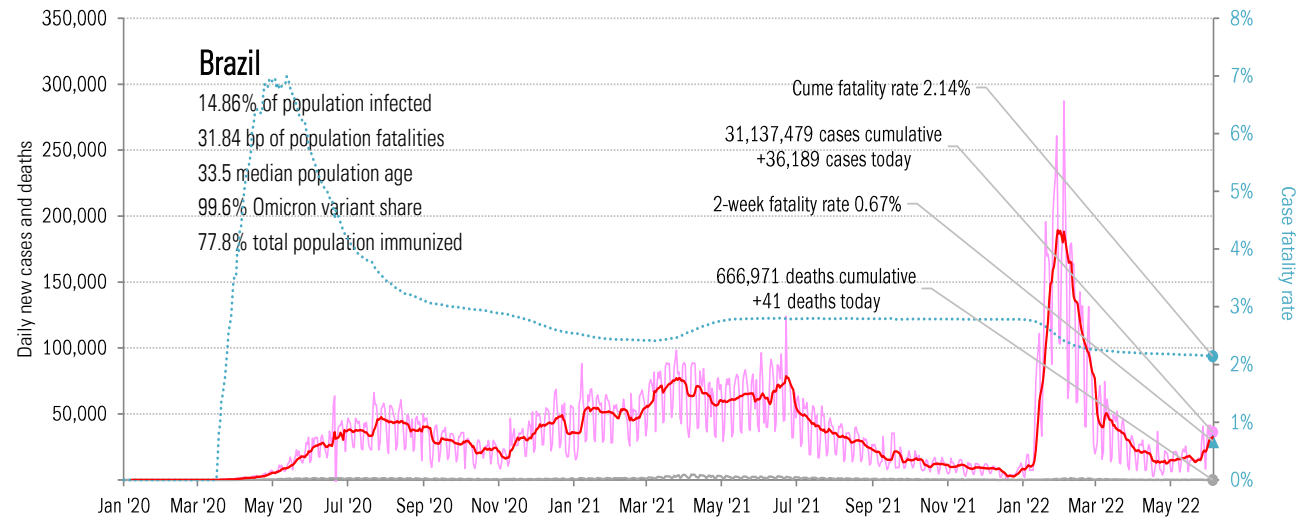
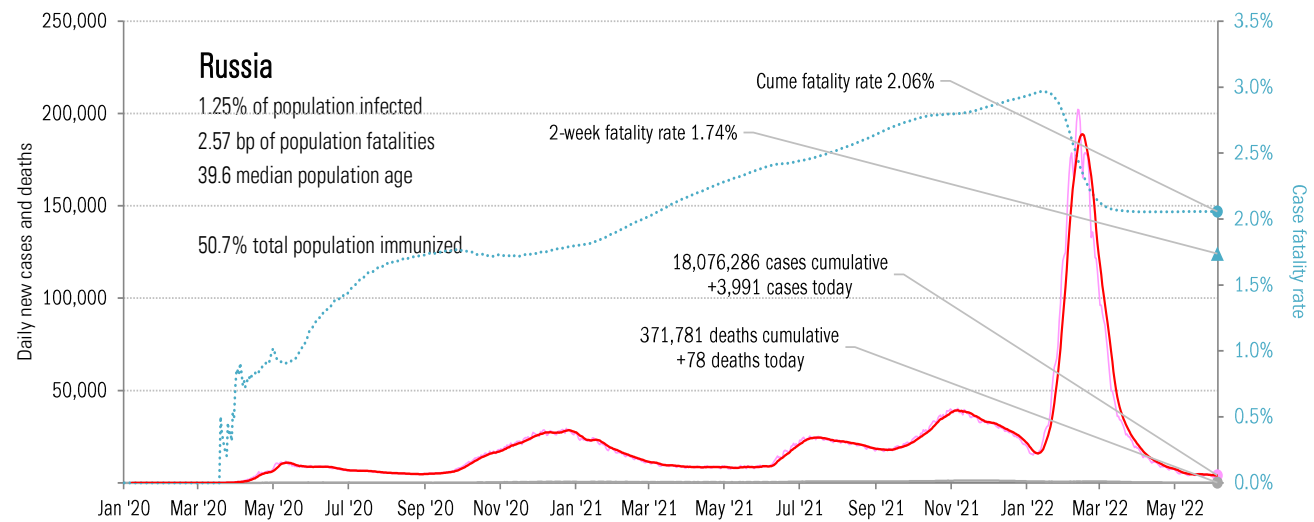
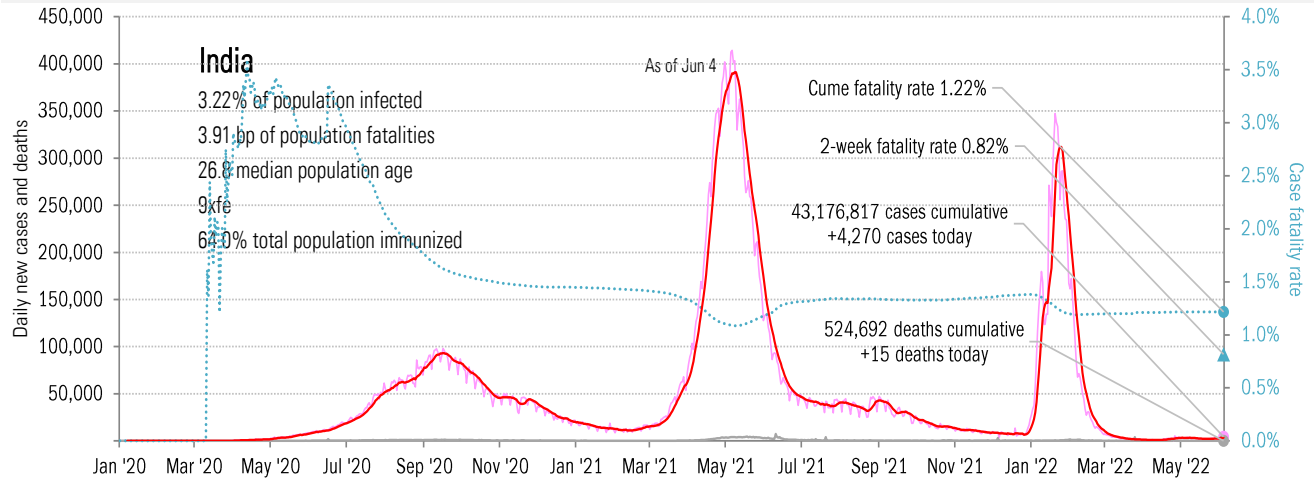
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

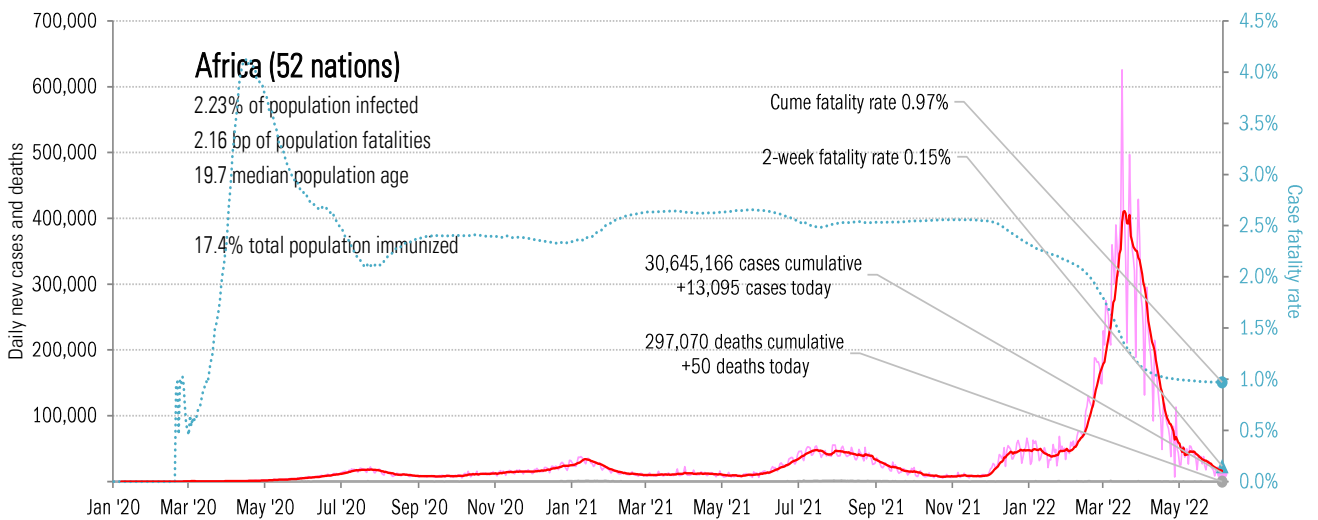
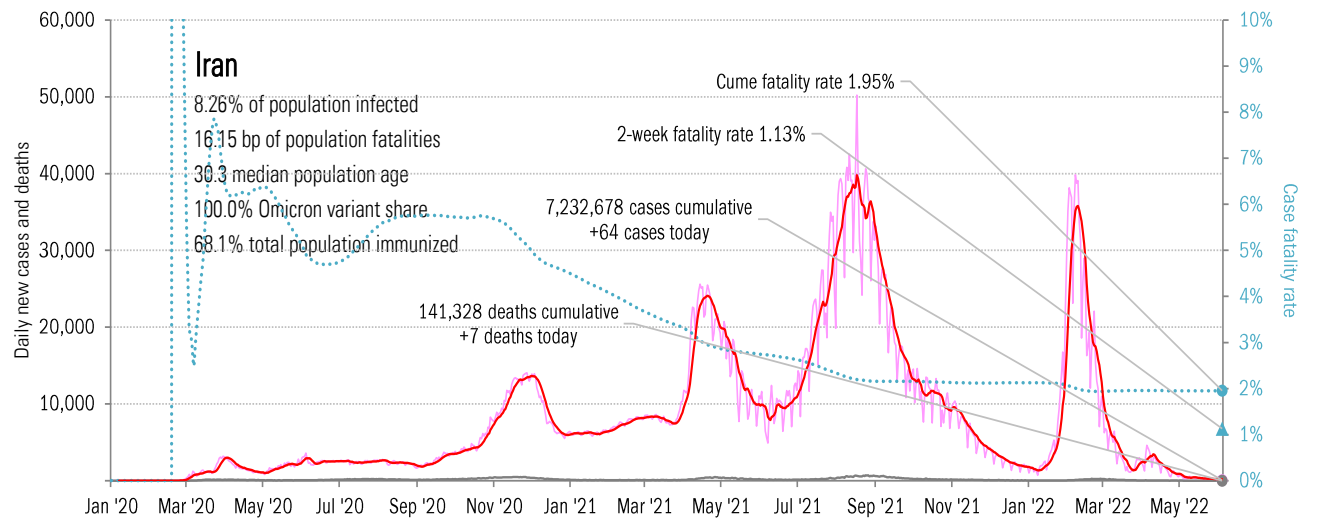
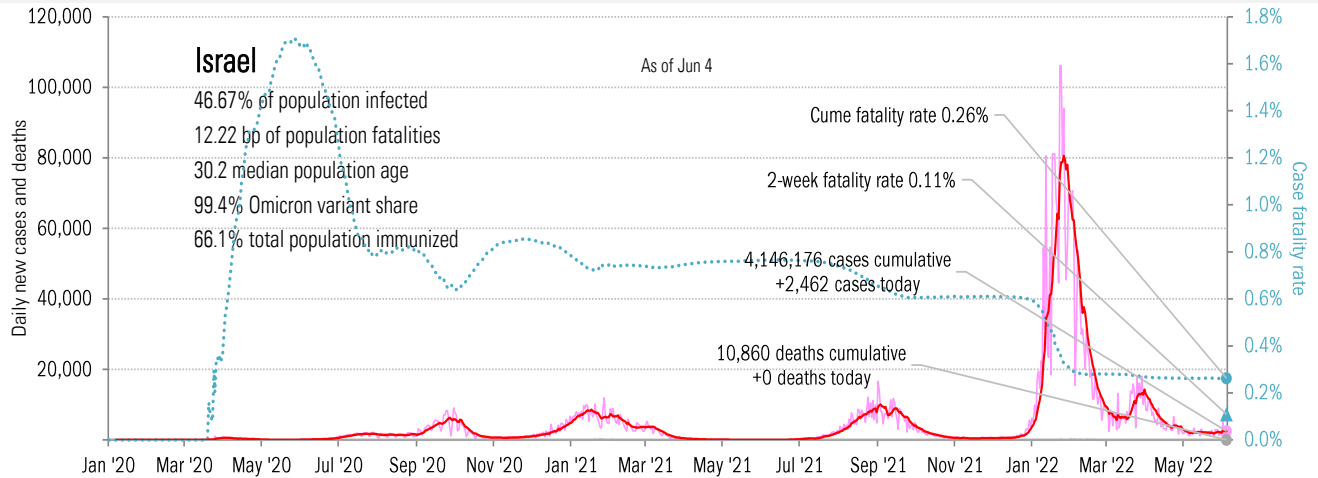
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

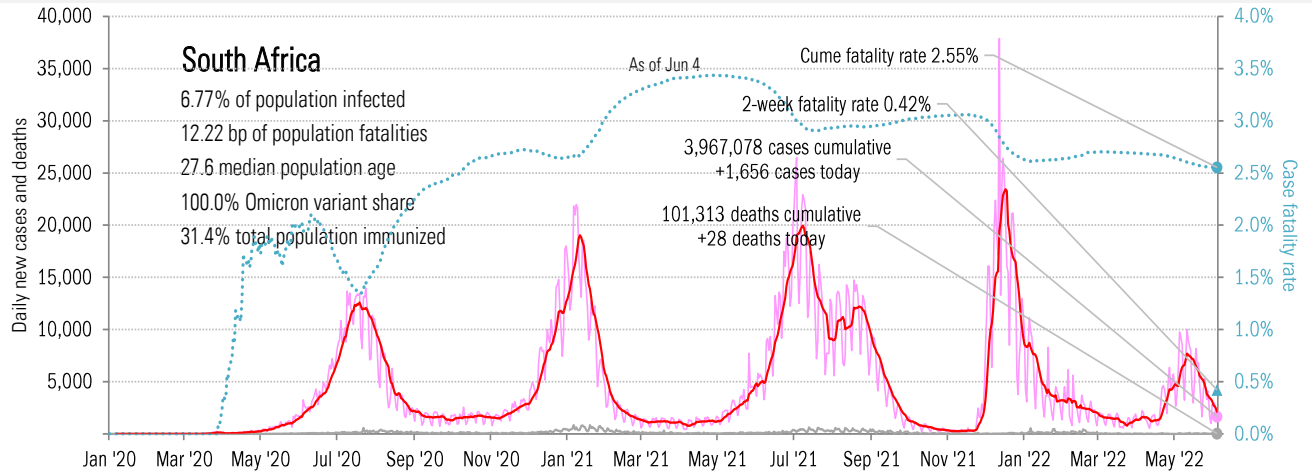
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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