

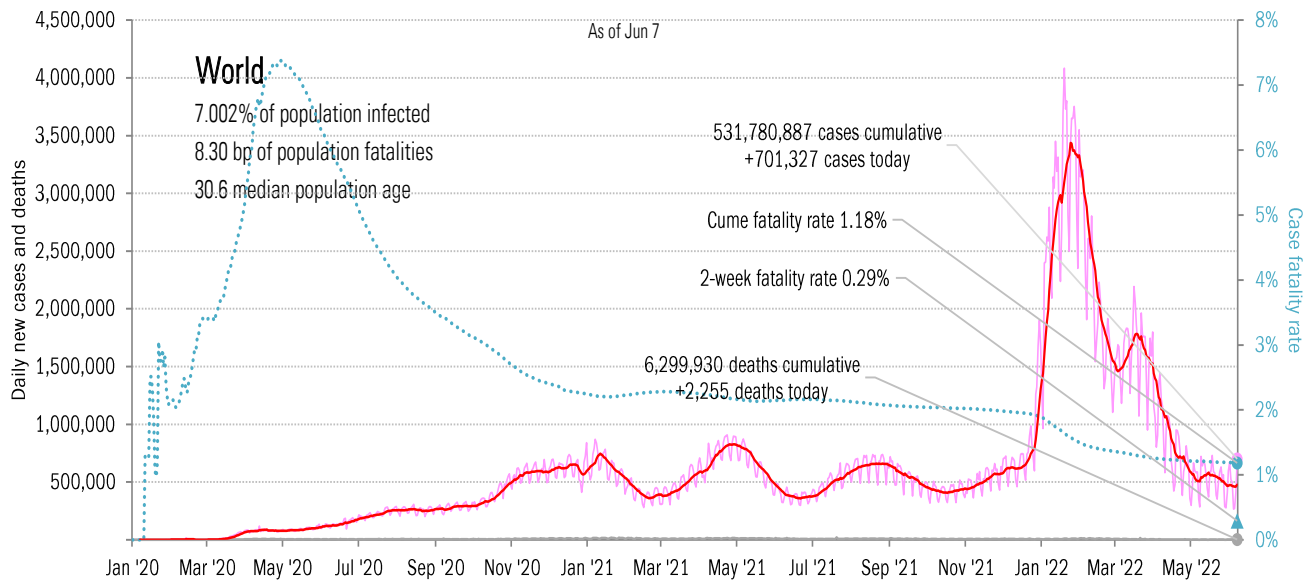
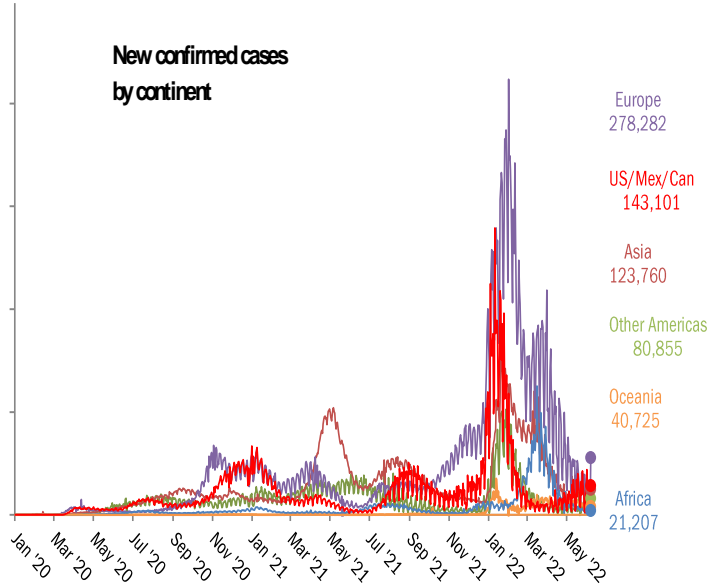
Data Insights: Covid-2019 Monitor

Wednesday, June 8, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	135,055	United States	525
Germany	84,655	Brazil	307
Taiwan*	82,990	Portugal	168
Brazil	71,045	Germany	145
Portugal	70,701	United Kingdom	132
Spain	33,293	Taiwan*	124
Australia	33,223	France	121
Italy	28,547	Spain	117
Japan	17,021	South Africa	80
Korea, South	13,320	Russia	71
569,850		1,790	
World	701,327	World	2,255
Top ten	81%	Top ten	79%



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

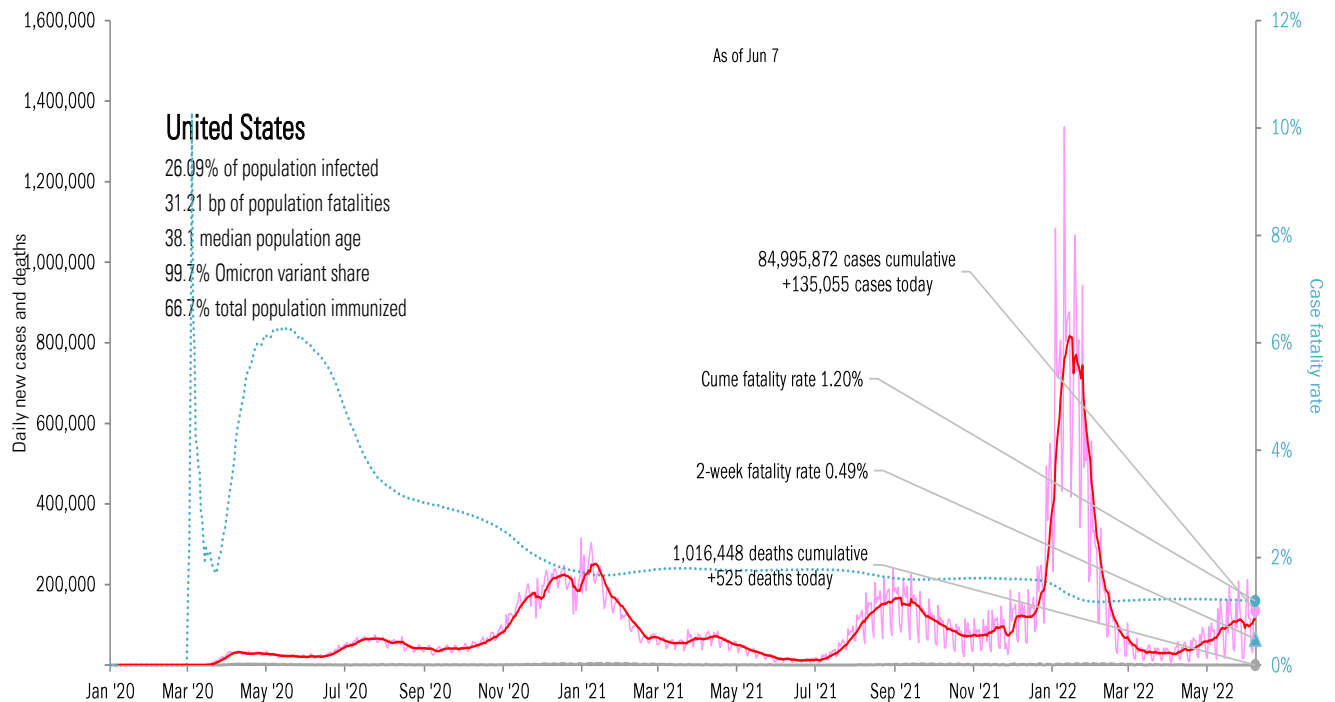
The ten worst US states

New cases			New deaths		New in hospital		Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	54,396		SC	63	WA	146	CA	9,730,176	CA	91,576	TX	496,032	RI	89%	DE	86%			
FL	11,534		CA	60	CA	412	TX	6,992,062	TX	88,408	CA	438,074	WA	84%	RI	84%			
SC	9,456		NY	38	FL	466	FL	6,228,668	FL	74,821	FL	429,524	MA	83%	NM	82%			
TX	6,451		IL	30	TX	208	NY	5,485,811	NY	69,190	NY	264,574	MN	81%	NH	80%			
IL	4,861		CT	27	OH	134	IL	3,337,641	PA	45,254	GA	210,116	DE	81%	TX	79%			
NY	4,820		FL	24	CO	79	PA	2,934,508	CH	38,657	CH	196,533	WV	80%	AL	78%			
MD	4,454		MT	23	FR	28	CH	2,780,653	IL	38,252	PA	183,368	GA	80%	MA	78%			
MN	4,057		MA	22	TN	60	NC	2,772,730	GA	38,242	IL	164,355	PA	80%	WA	78%			
NJ	3,691		OR	20	HI	36	GA	2,571,104	MI	36,407	MI	147,471	MI	79%	AK	77%			
VA	2,627		NJ	19	MT	23	MI	2,547,366	NJ	33,792	KY	134,592	DC	79%	NC	76%			
106,347			326		1,592		45,380,719			554,599			2,664,639						
All states	135,055		525		3,579		All states	84,995,872	1,016,448		4,838,875		All states	70%	67%				
Top ten	79%		62%		44%		Top ten	53%	55%		55%		Median	74%	69%				

Some states not reporting

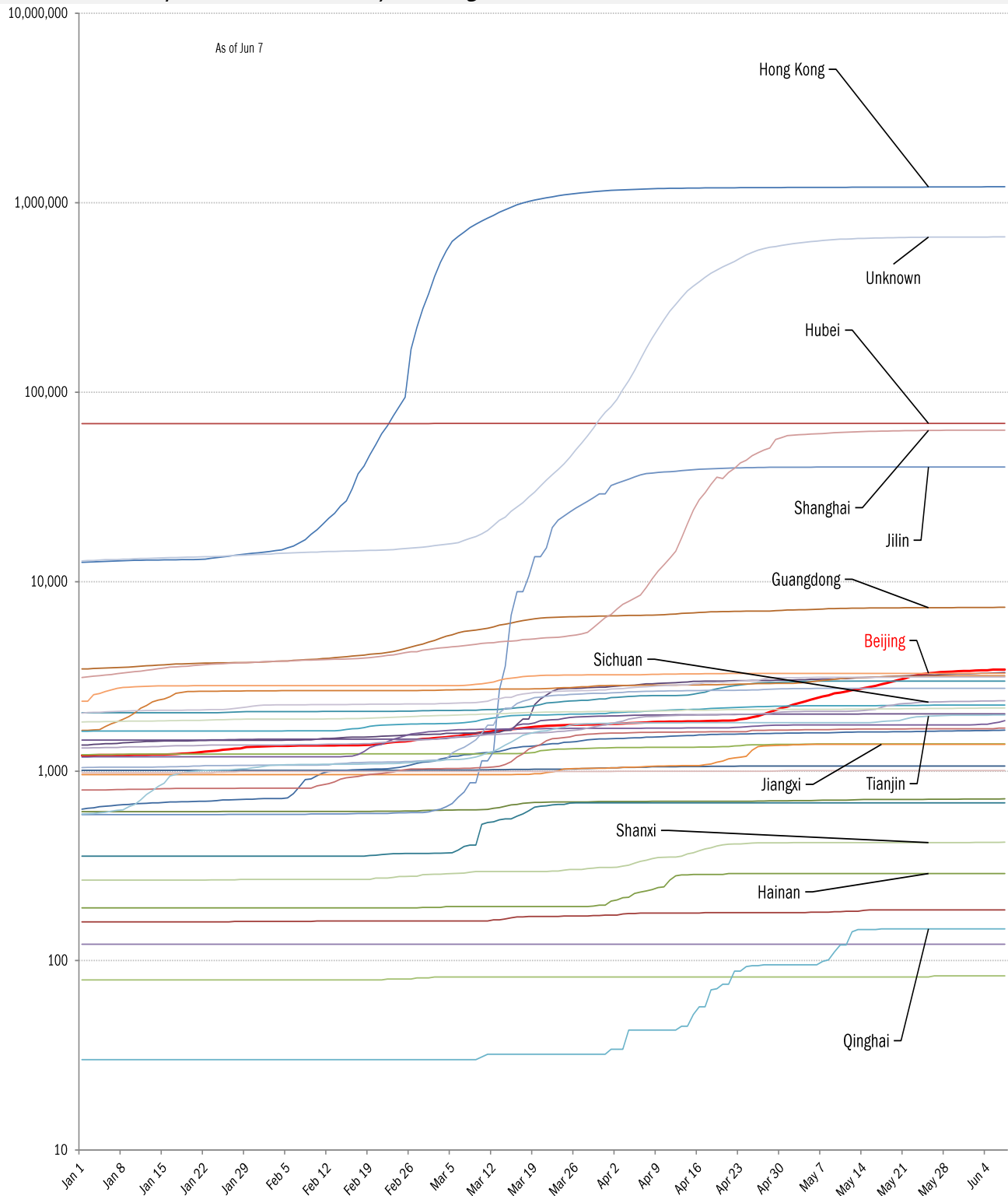
Five most improved US states

Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
NY -9,298	FL -106	NY -116	AL +10 bp
IL -8,937	WA -18	MI -47	NV +10 bp
WA -8,430	NM -14	NV -45	AK +0 bp
VA -5,454	WI -13	AL -43	AR +0 bp
CO -3,684	AL -12	IL -42	AS +0 bp



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

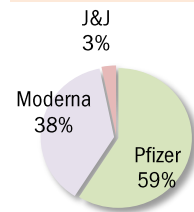
China provincial coronavirus case accelerometer... tracking the "zero Covid" curves
Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



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

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	605,162,327		+0.424 million		US	66.7%	78.0%	
Boosters	45,143,727		+0.026 million		UK	73.3%	78.4%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%	80.7%
Total population	266,727,764	80%	227,900,512	68%	+0.053 million	Spain	86.7%	88.2%
Age 12 to 17	17,830,577	70%	15,273,521	60%	+0.005 million	Germany	76.9%	76.9%
Age 18 to 64	179,140,997	88%	152,385,763	75%	+0.028 million	Italy	79.4%	84.1%
Age 65 and over	59,218,370	100%	51,717,654	94%	+0.012 million	Australia	83.9%	86.6%
						Israel	66.1%	72.2%
						Canada	82.5%	86.0%
						Japan	81.0%	82.2%
						Africa	17.4%	22.7%
						India	64.2%	72.7%
						Brazil	77.8%	86.0%
						China	87.1%	89.4%



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

AK
70.1%
62.8%

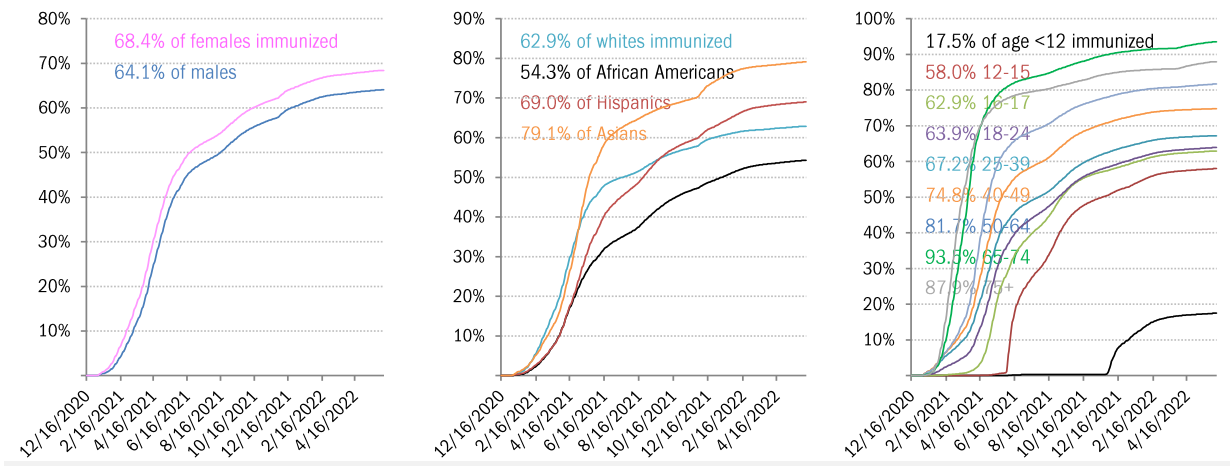
Global data differs due to sources, timing

As of Jun 7

State	At least partial immunity as % population	Full immunity as % population
AK	70.1%	62.8%
WI	72.2%	65.9%
ME	91.4%	80.2%
NH	89.1%	71.2%
VT	94.2%	81.7%
NY	90.7%	77.5%
MA	95.0%	79.7%
RI	95.0%	83.4%
CT	95.0%	79.9%
DE	83.8%	69.8%
DC	95.0%	78.8%
VA	86.3%	73.8%
NC	85.3%	62.1%
SC	68.1%	57.5%
GA	65.8%	55.2%
AL	63.1%	51.5%
MS	59.9%	52.1%
LA	61.3%	53.8%
TX	73.9%	62.0%
FL	79.9%	67.4%
PR	95.0%	83.4%
OK	71.6%	57.7%
AR	67.1%	54.8%
MO	66.6%	56.5%
WV	65.4%	57.9%
OH	63.9%	59.0%
IN	61.8%	55.3%
IA	68.2%	62.3%
SD	77.3%	62.2%
NE	70.6%	63.9%
KS	74.9%	62.0%
NM	88.5%	71.7%
AZ	73.7%	62.1%
UT	72.4%	64.6%
CO	79.8%	70.7%
WY	58.4%	51.2%
MT	65.6%	57.1%
ND	65.9%	55.9%
MN	75.5%	69.6%
IL	76.3%	68.9%
MI	67.3%	60.5%
OR	78.3%	70.0%
NV	75.8%	61.3%
WA	81.3%	73.0%
ID	62.0%	55.7%

HI
87.9%
78.7%

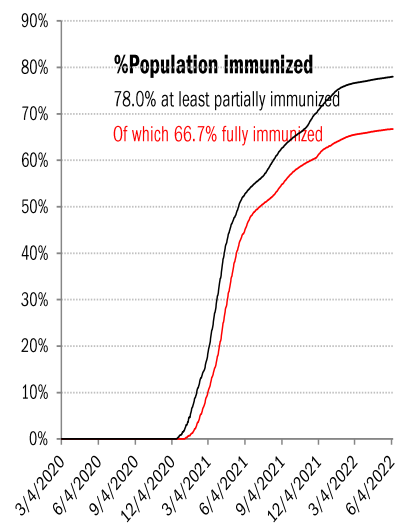
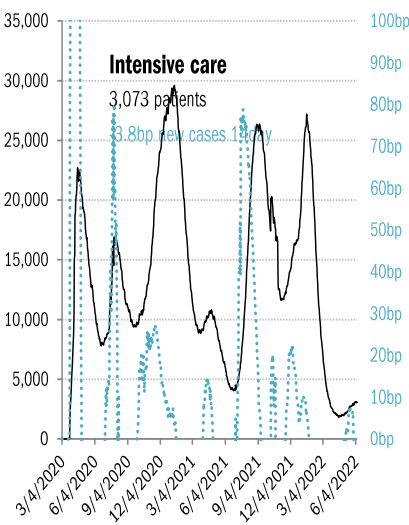
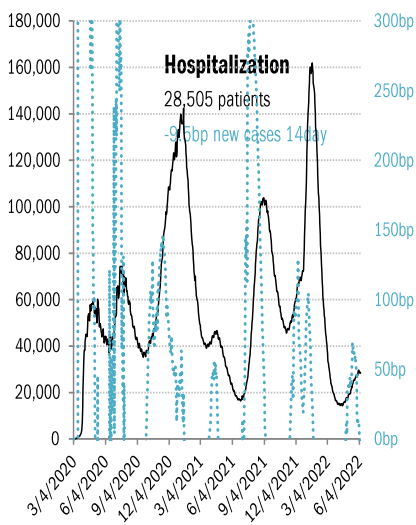
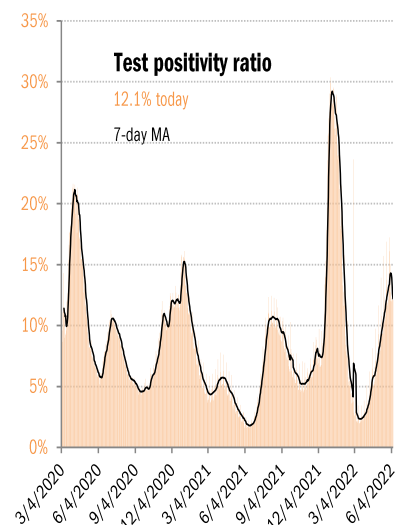
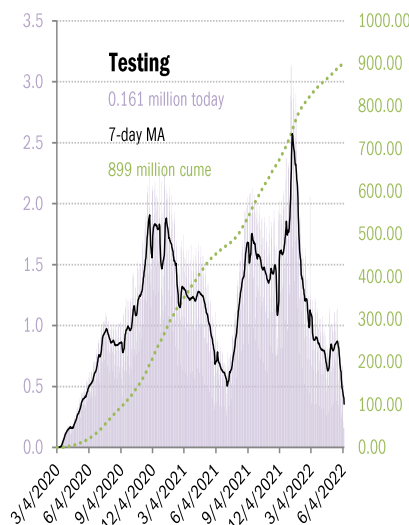
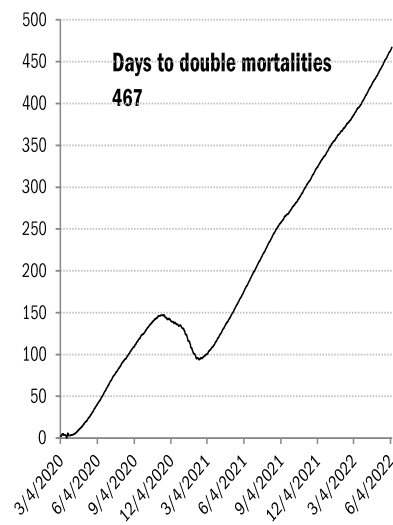
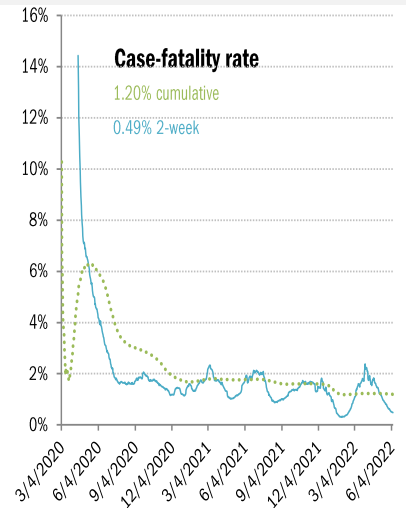
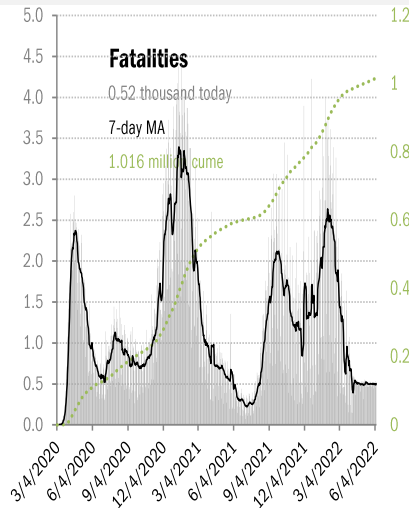
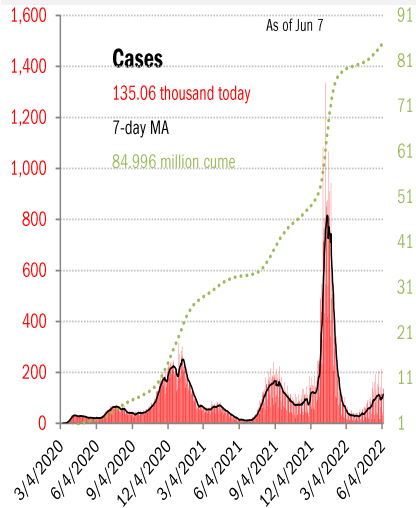
The demographics of US vaccination



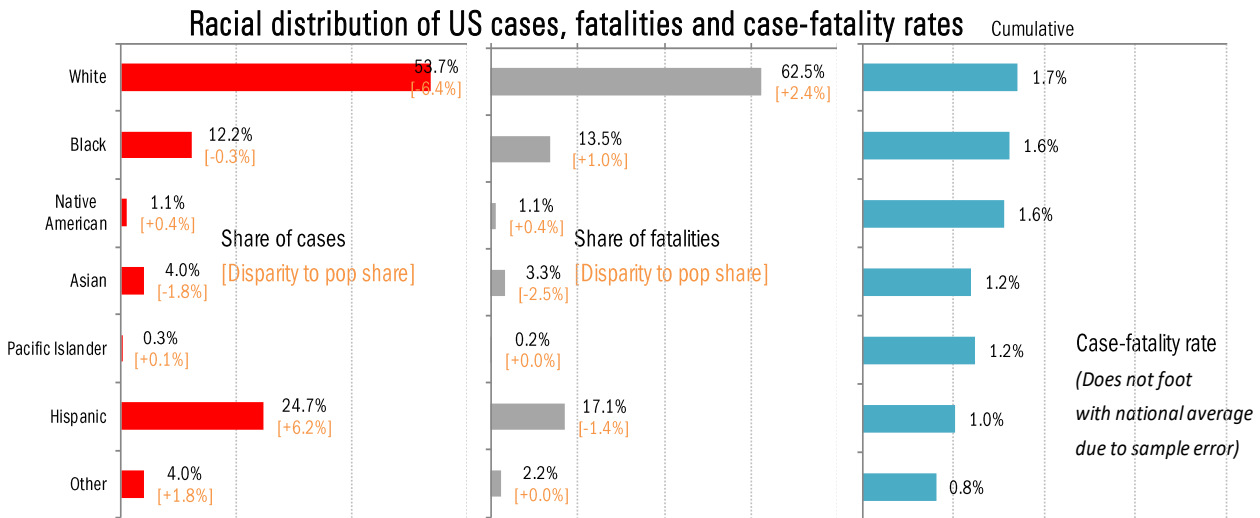
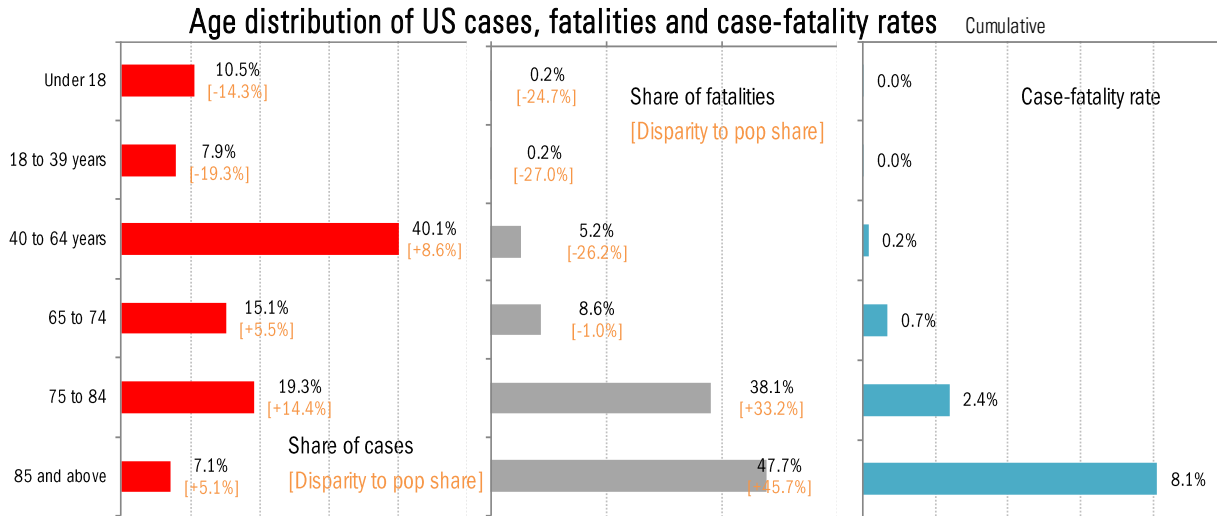
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

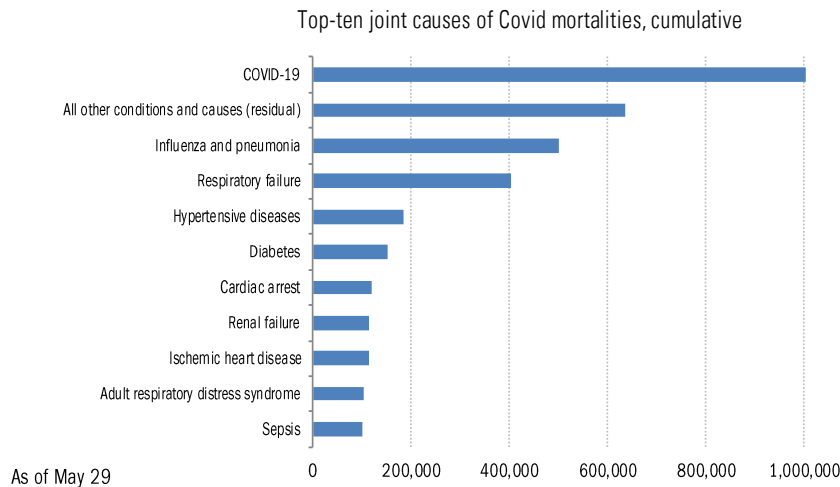
National and state-by-state data do not line up because of different sources



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



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

[Two omicron subvariants gain a bigger foothold in the U.S.](#)

Sara G. Miller
NBC News
June 7, 2022

[Why I Left My Pennsylvania Home for the Lone Star State](#)

Jonathan Reich
Texas Public Policy Foundation
June 1, 2022

[Covid Fraudsters Are Still At Large](#)

Wall Street Journal
June 7, 2022

[Robots and Good Jobs on the Other Side of "COVID-fla-tion"](#)

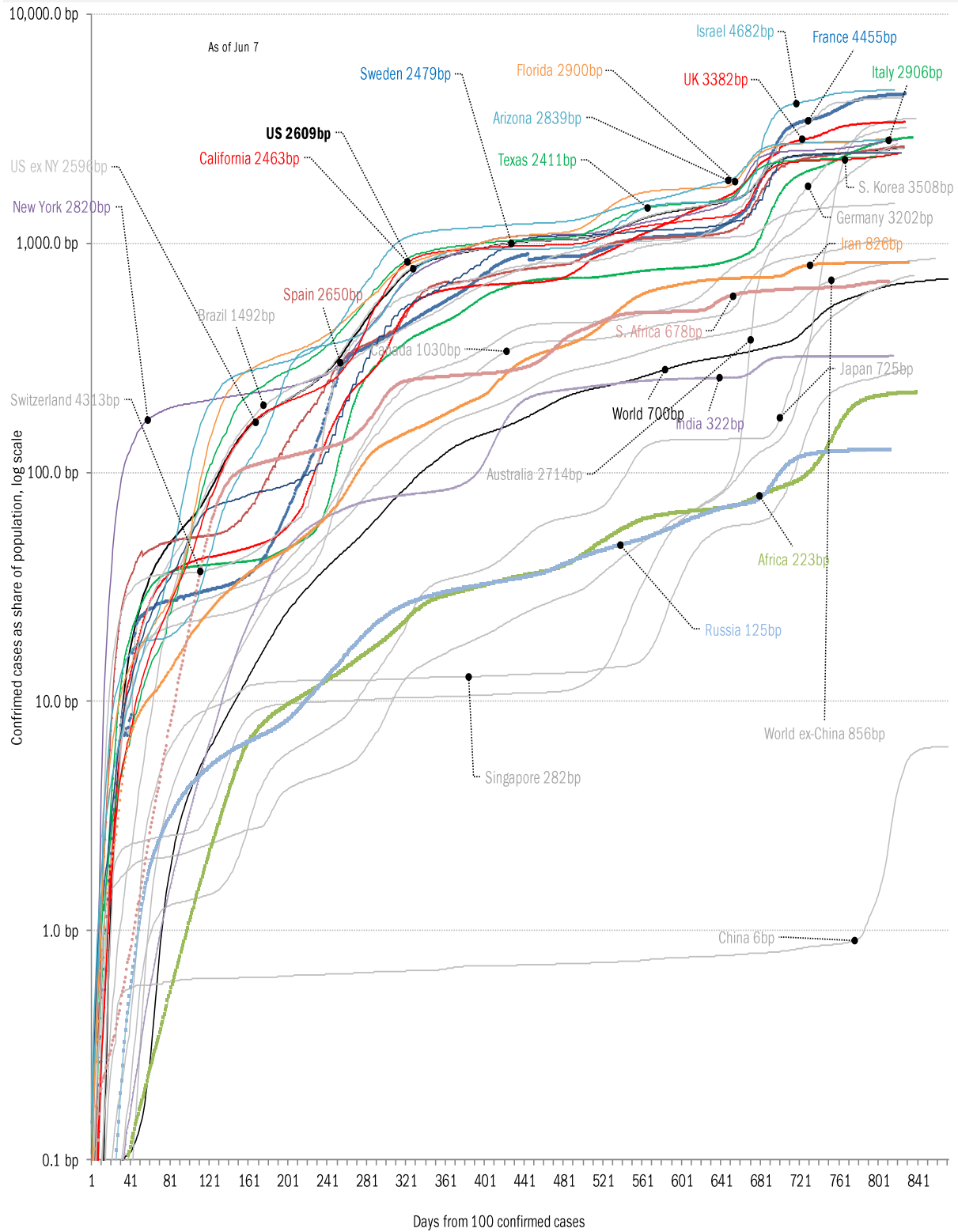
Bret Swanson
AEI Ideas
June 7, 2022

Meme of the day



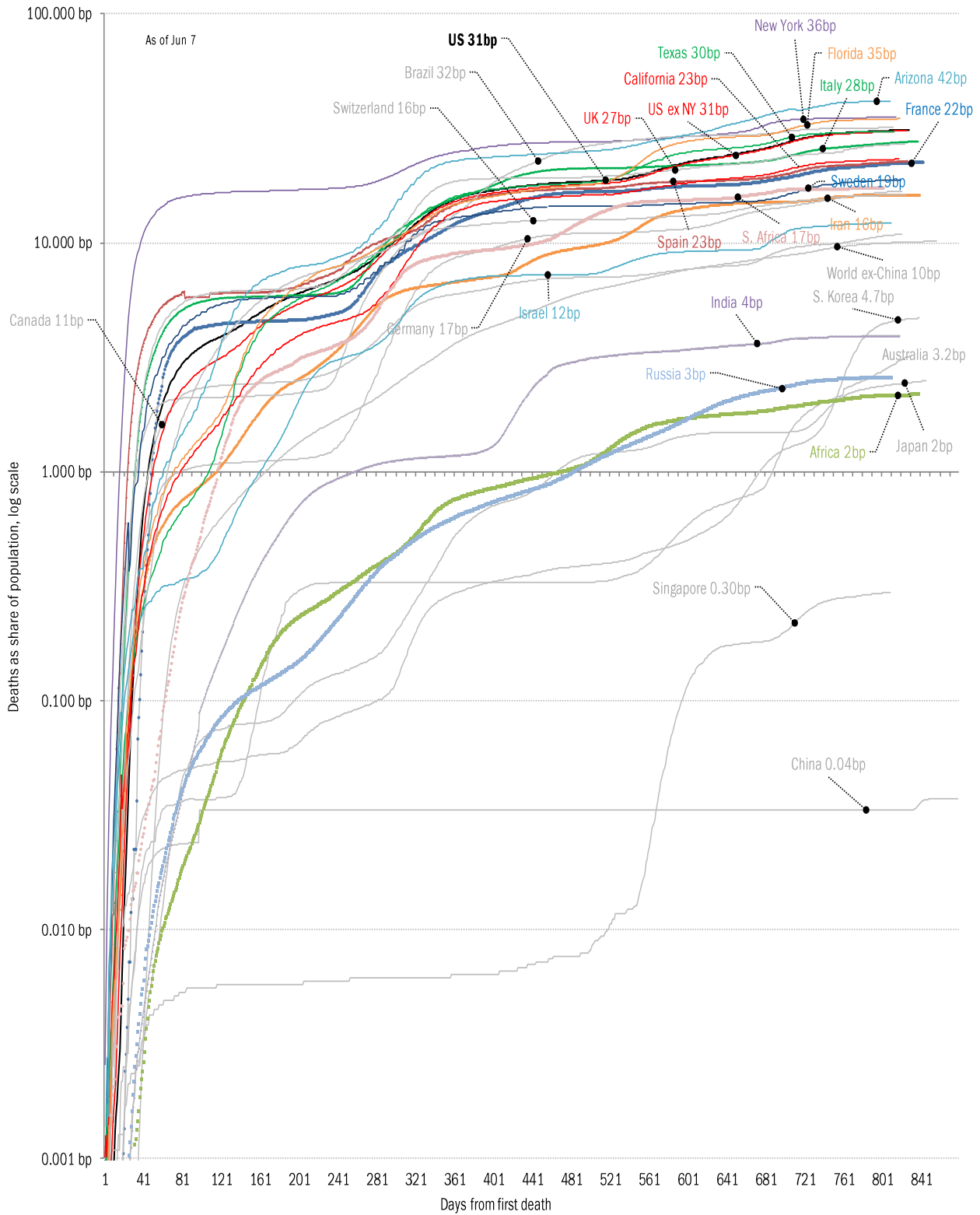
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

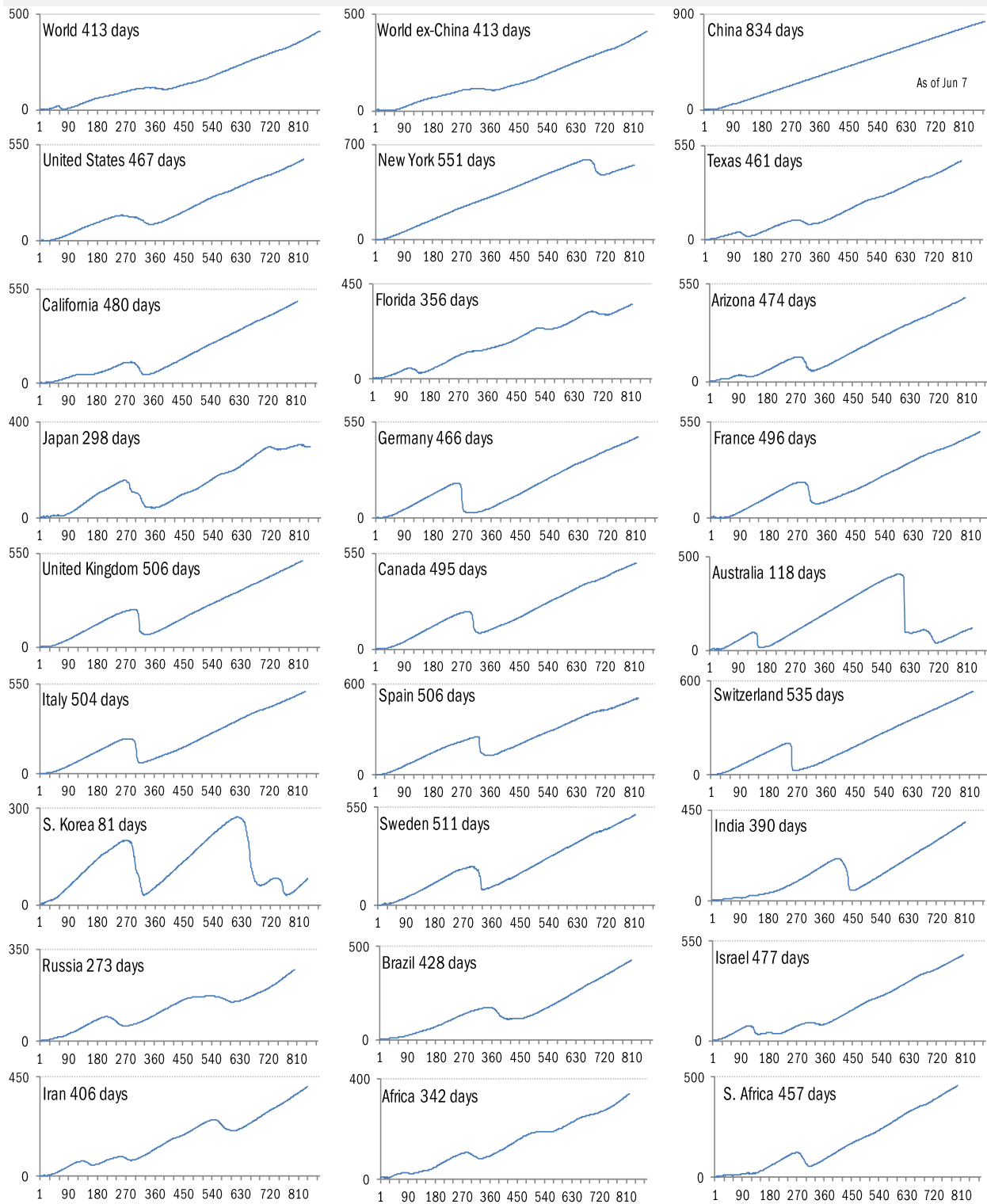


Source: [Johns Hopkins](#), TrendMacro calculations

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

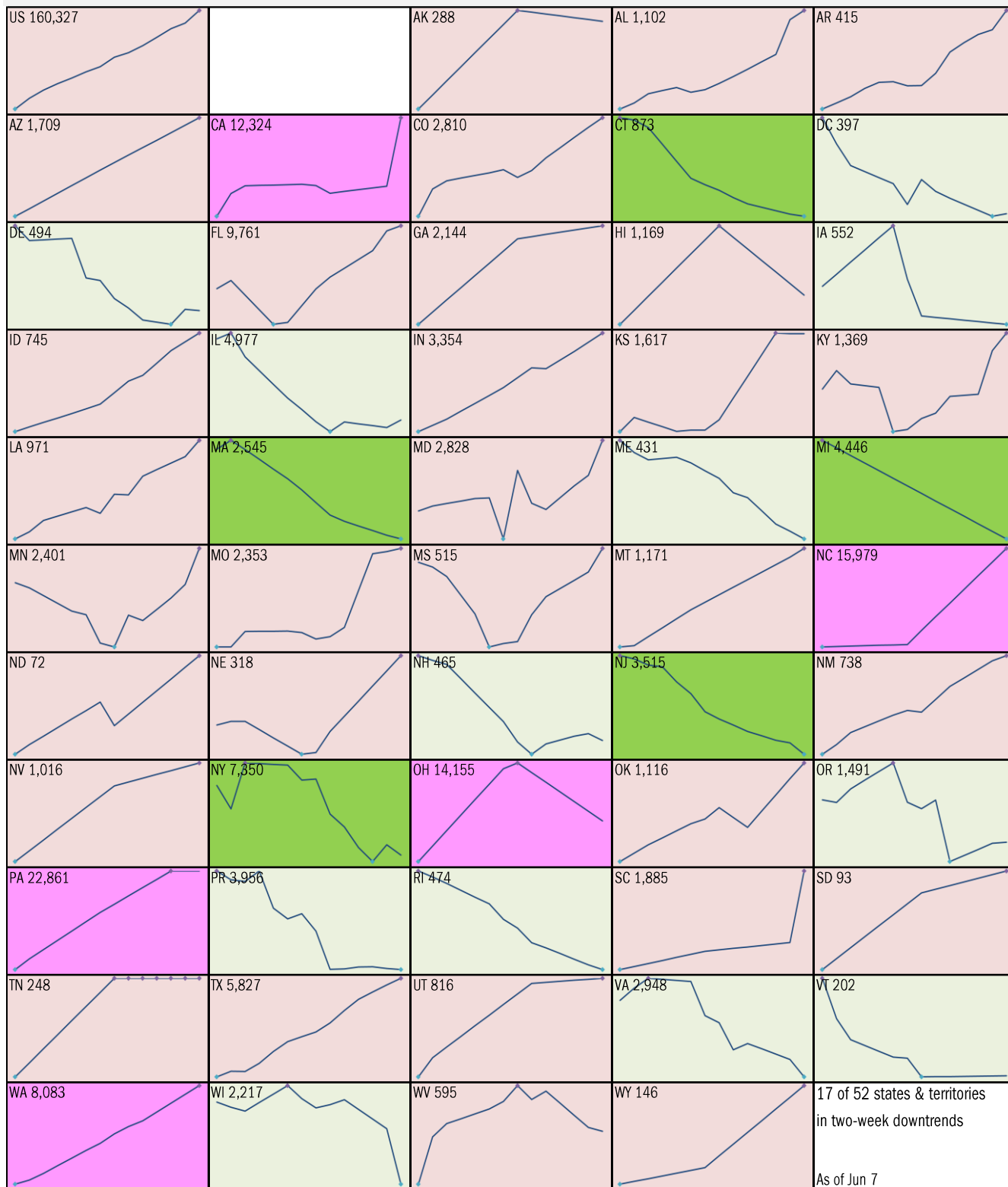


Source: [Johns Hopkins](#), TrendMacro calculations

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

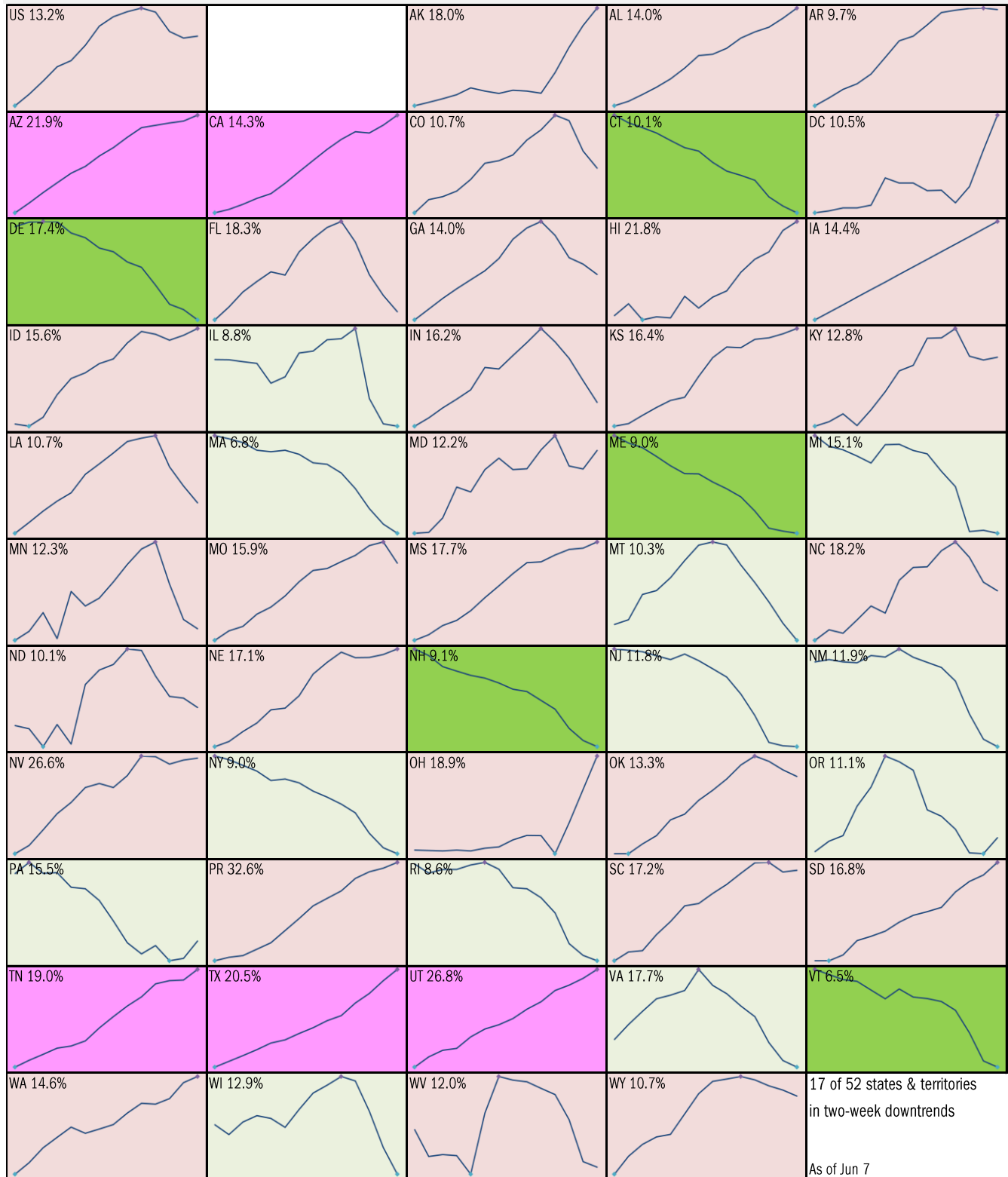


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

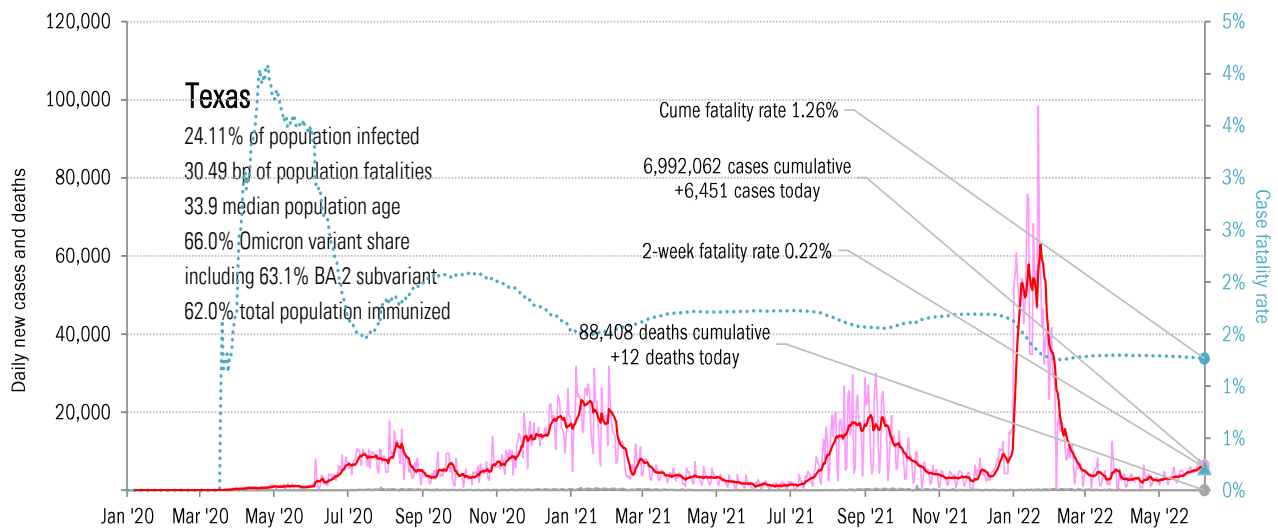
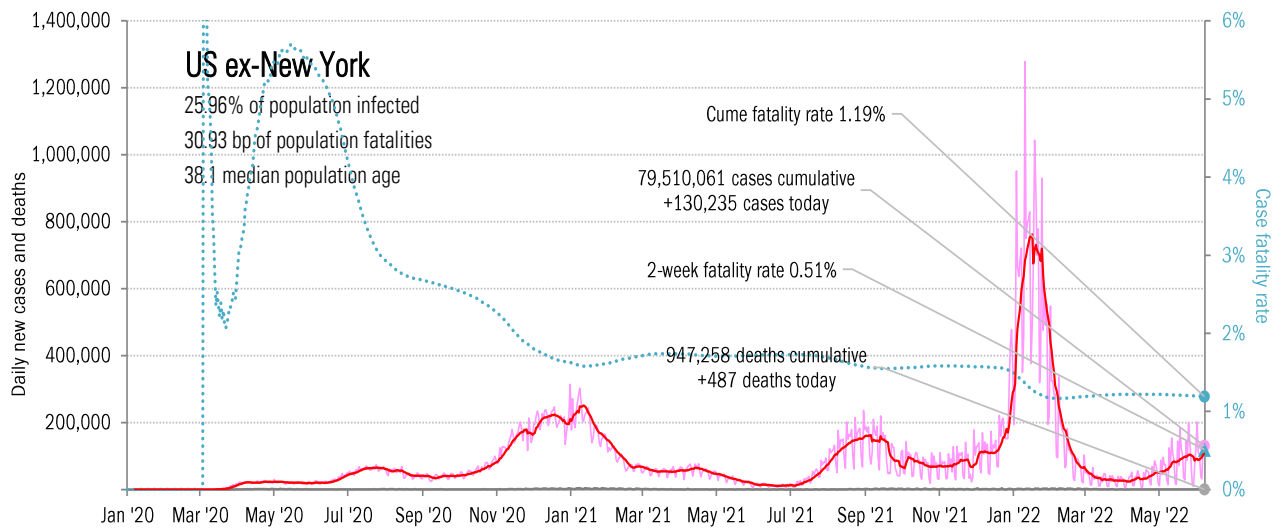
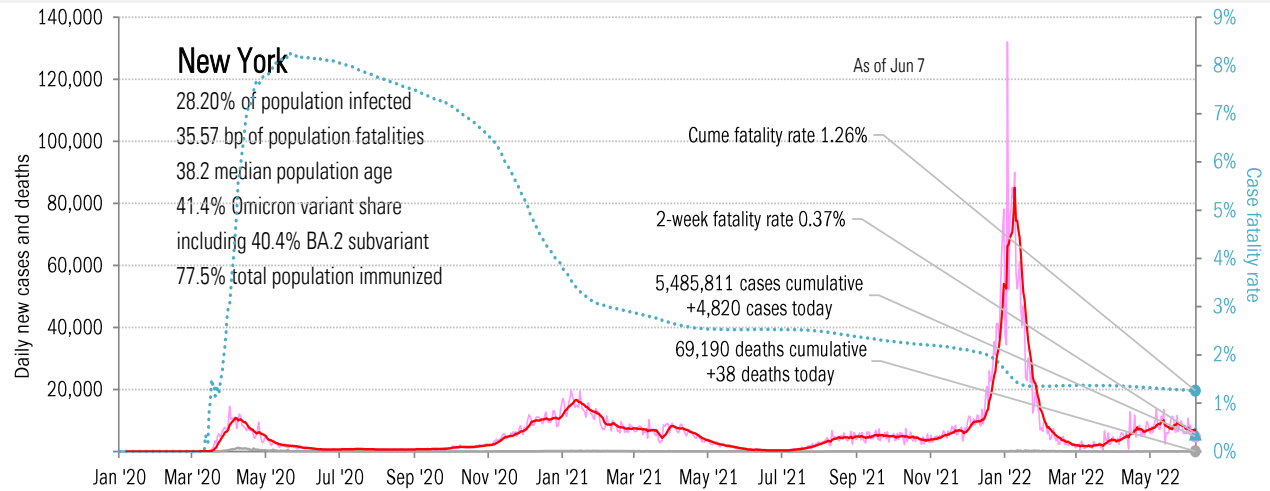
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

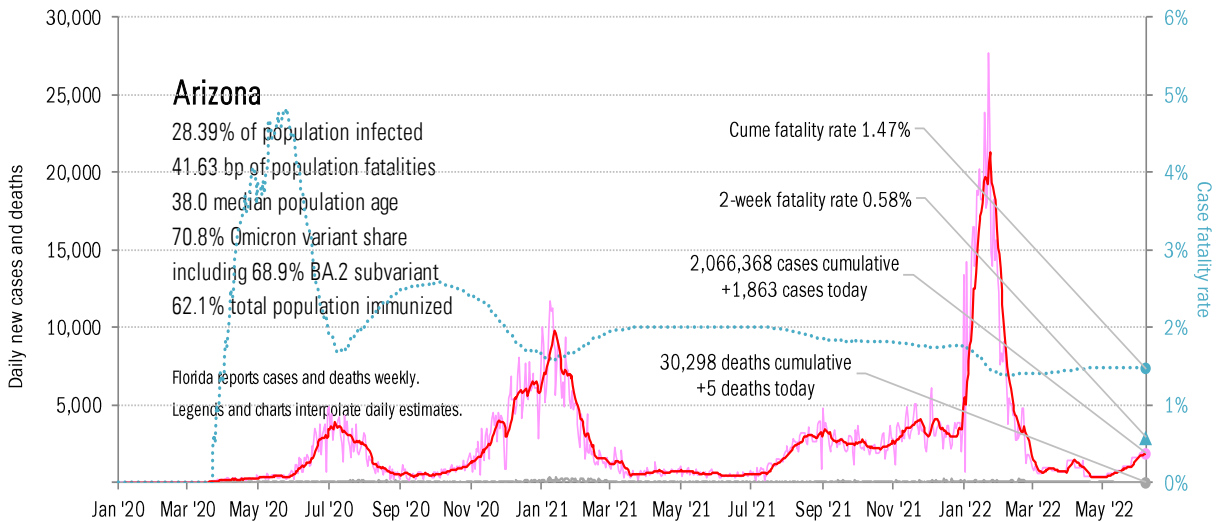
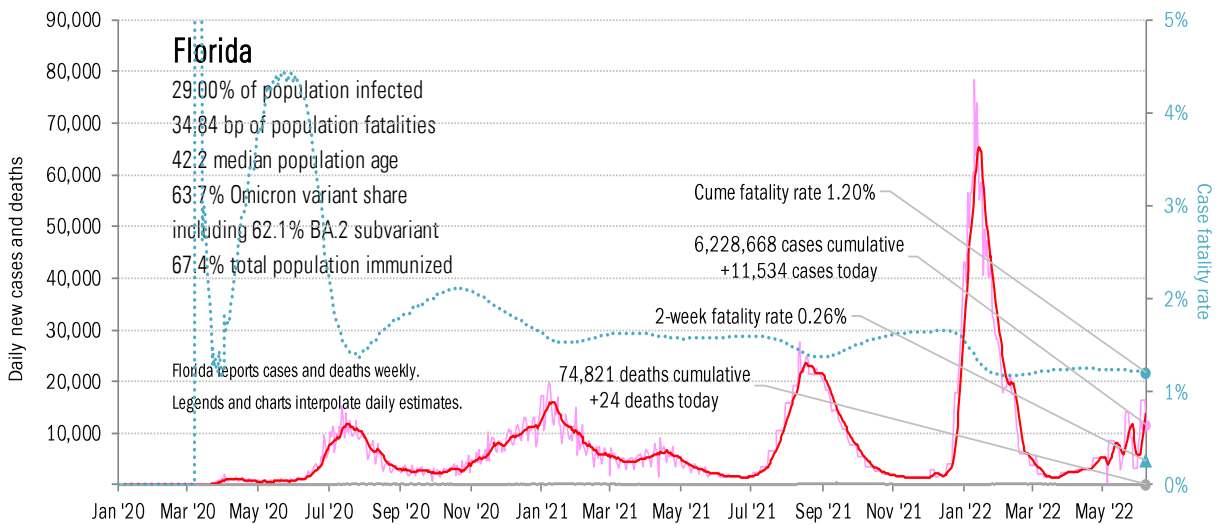
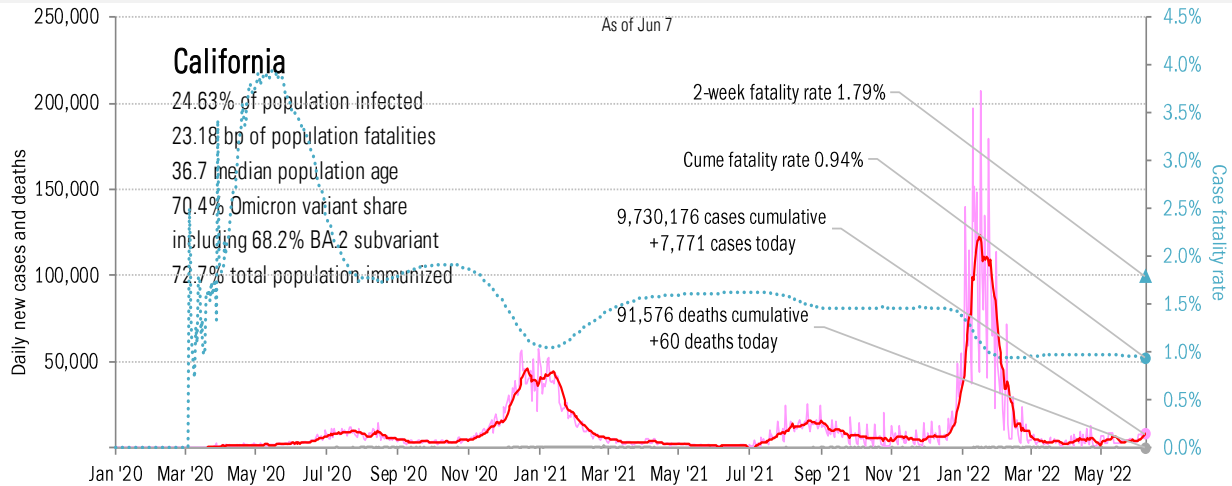
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

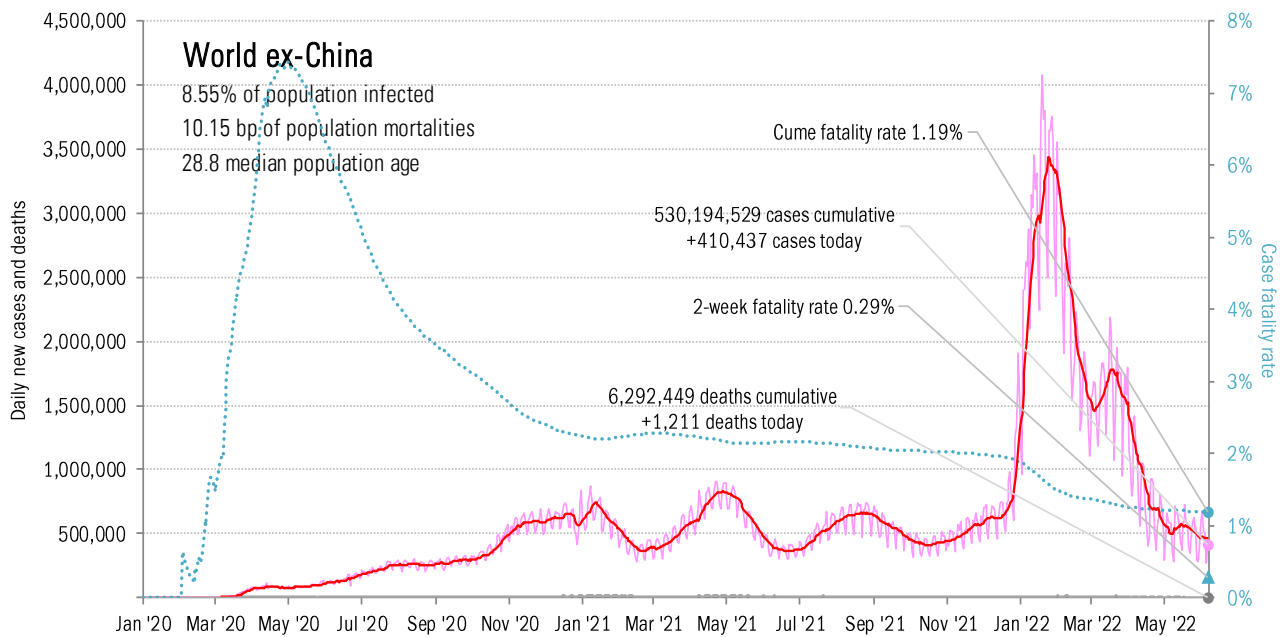
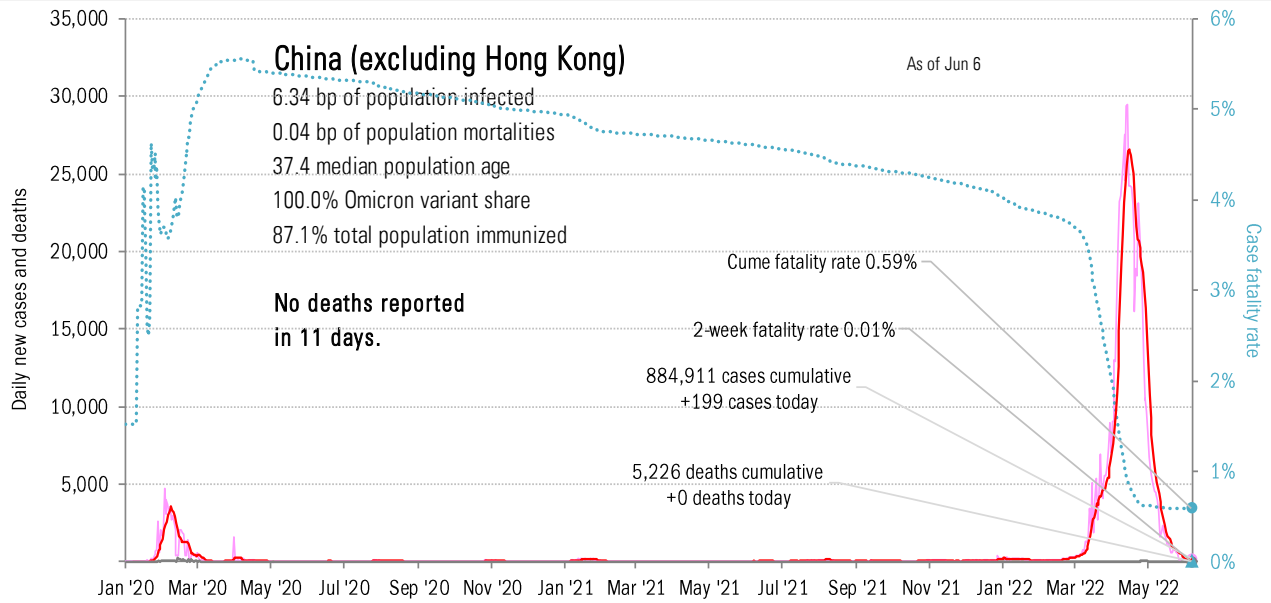
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

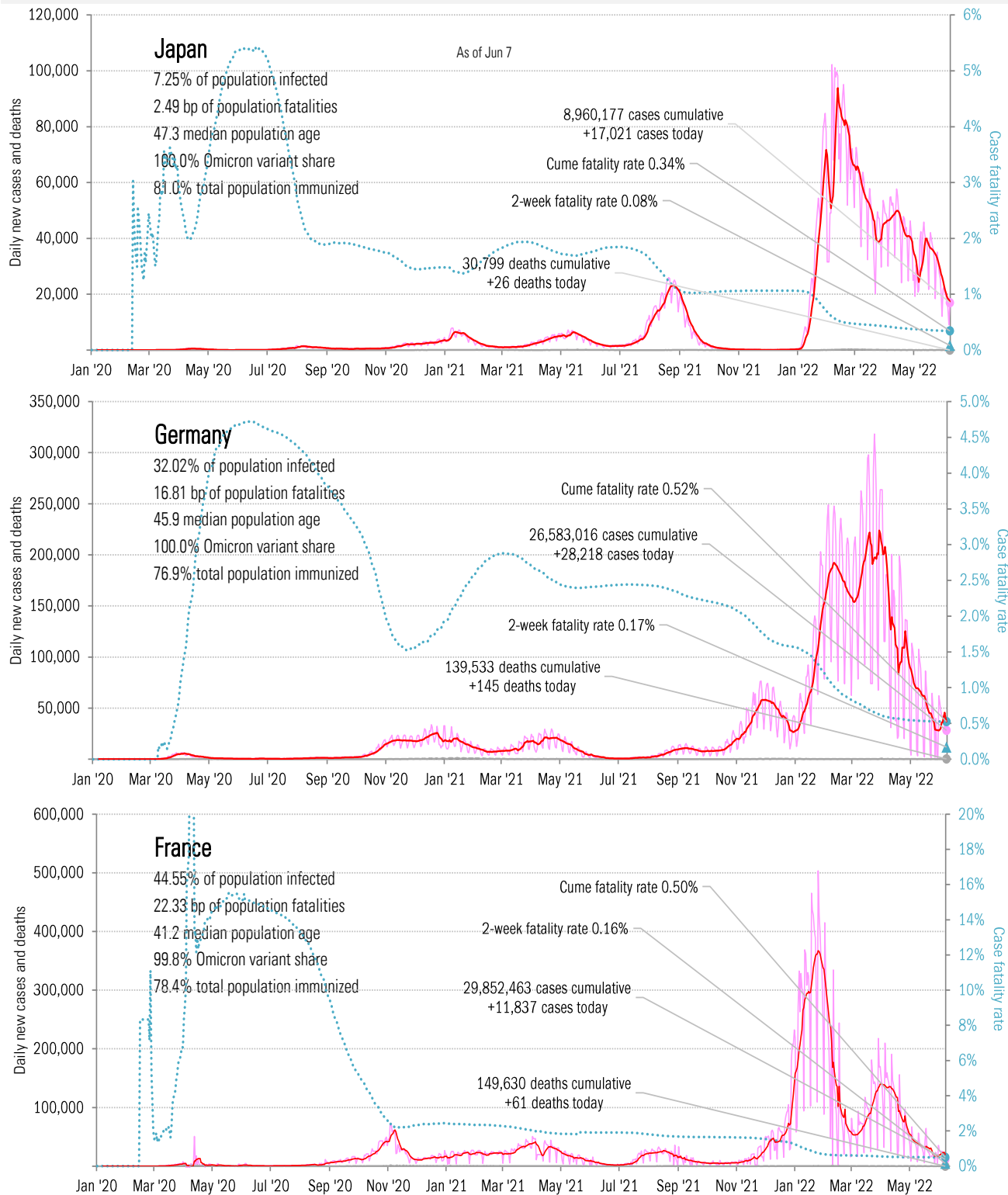
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

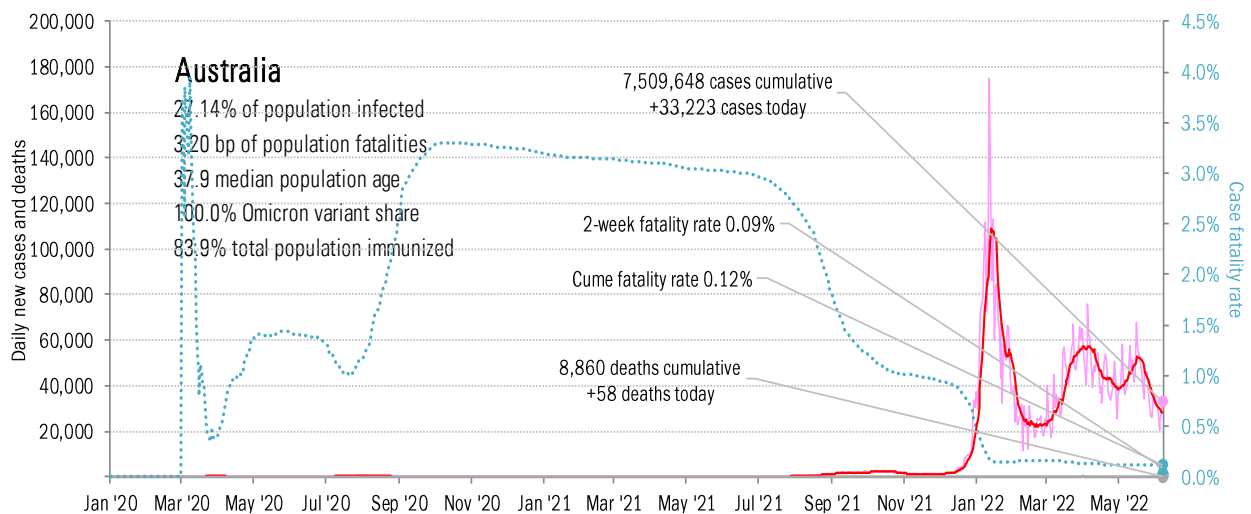
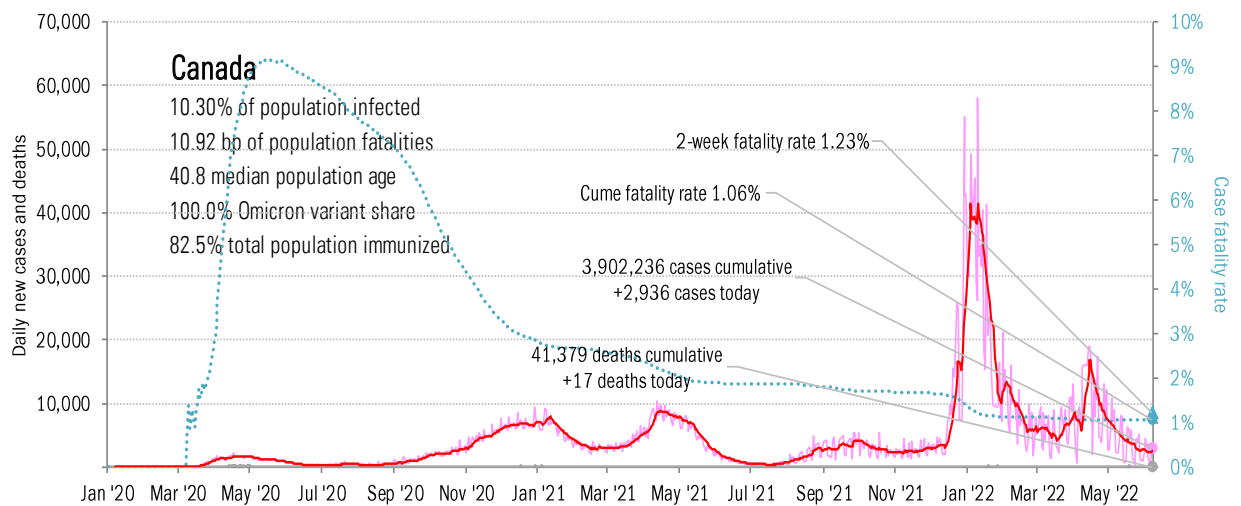
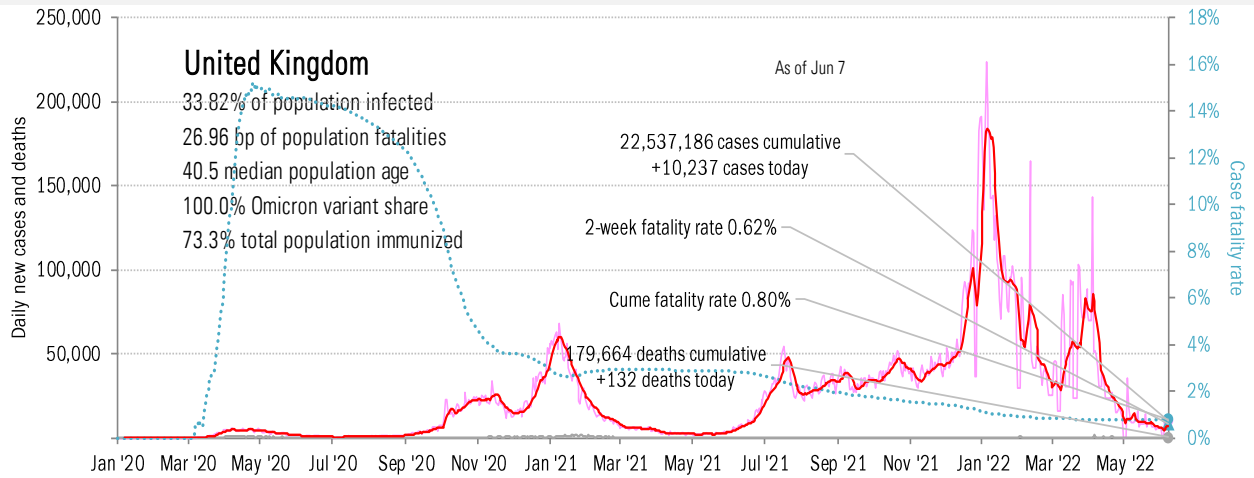
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

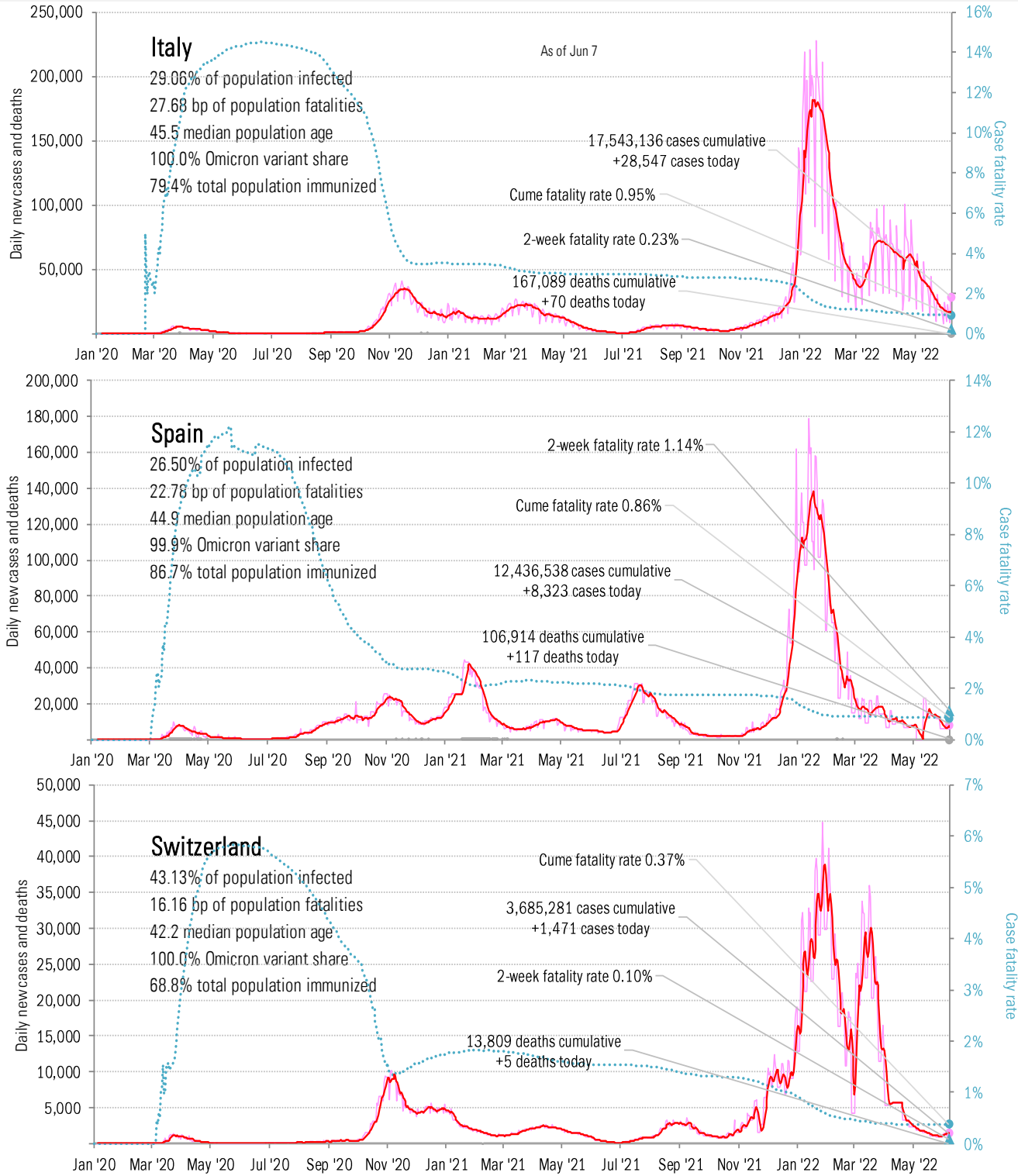
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

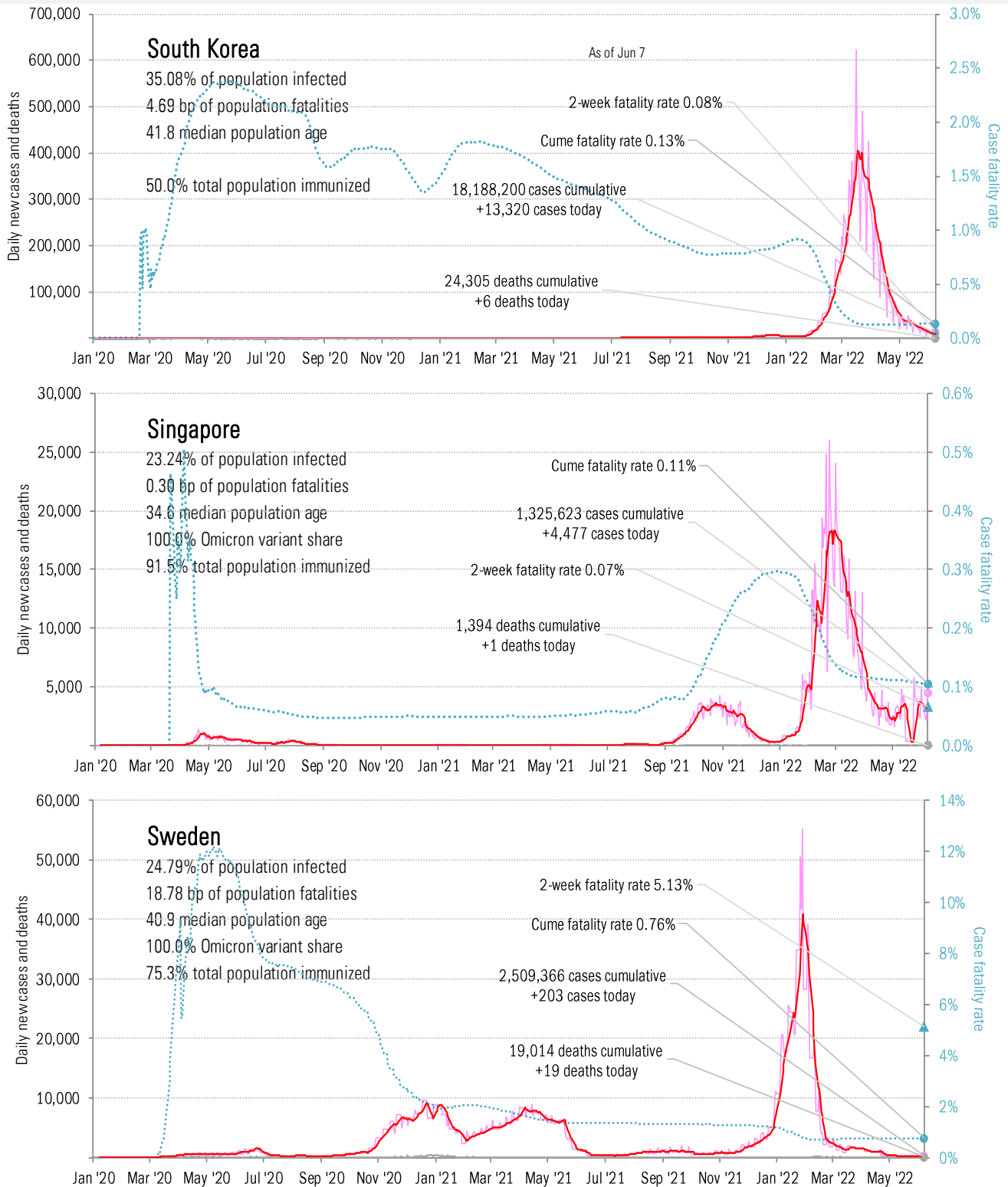
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

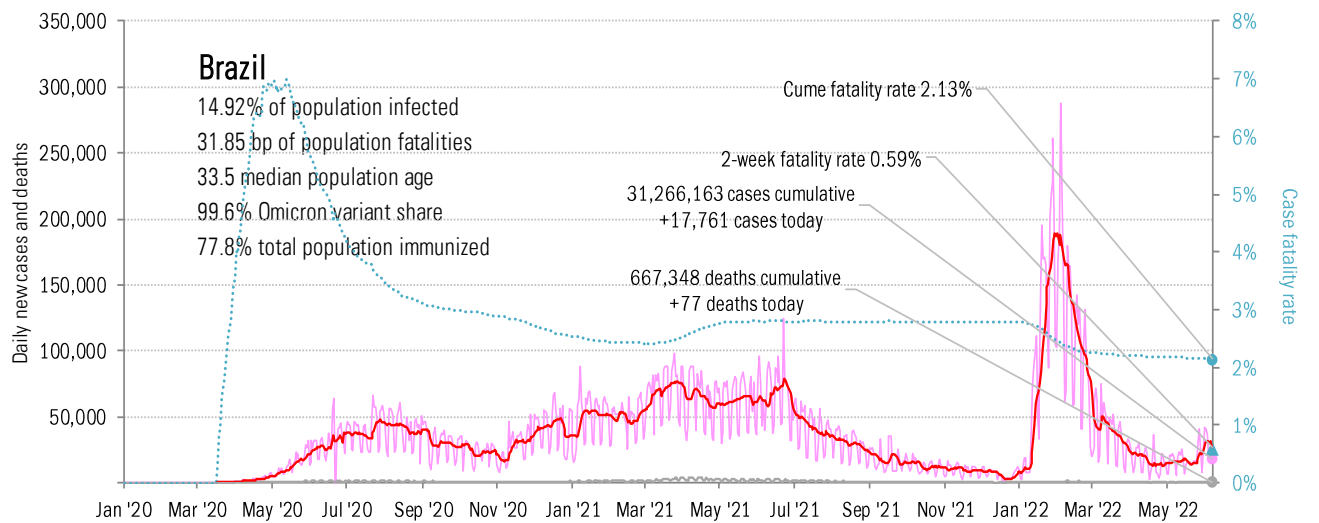
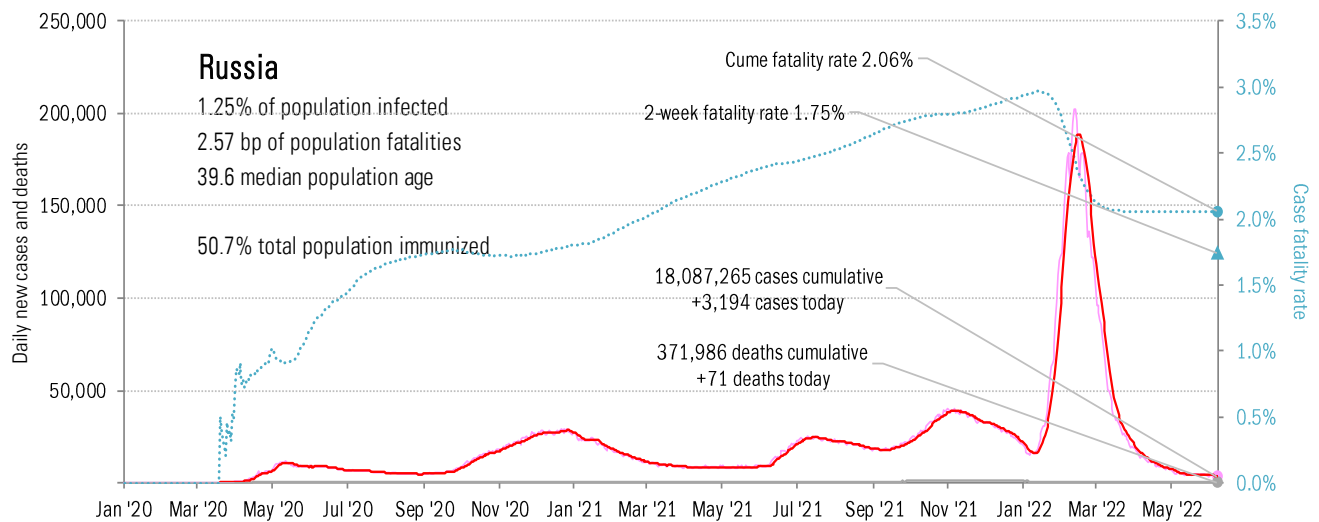
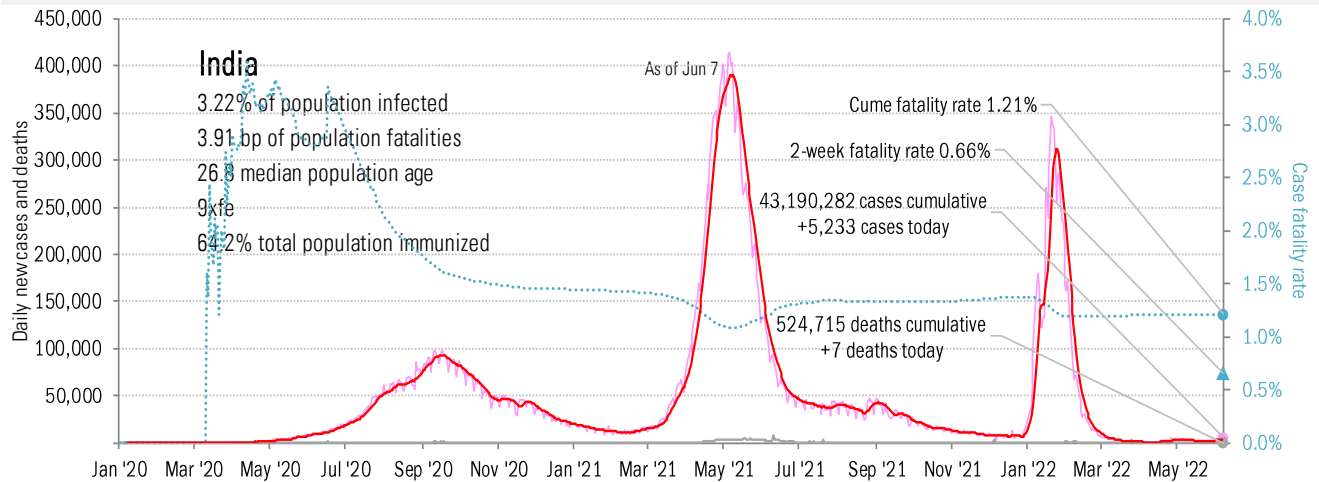
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

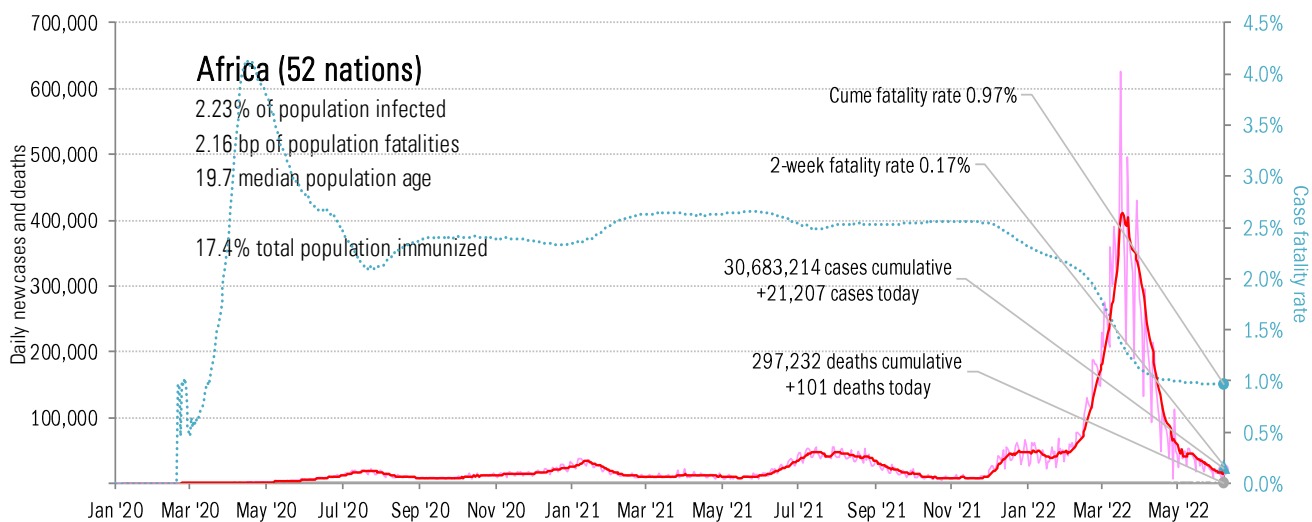
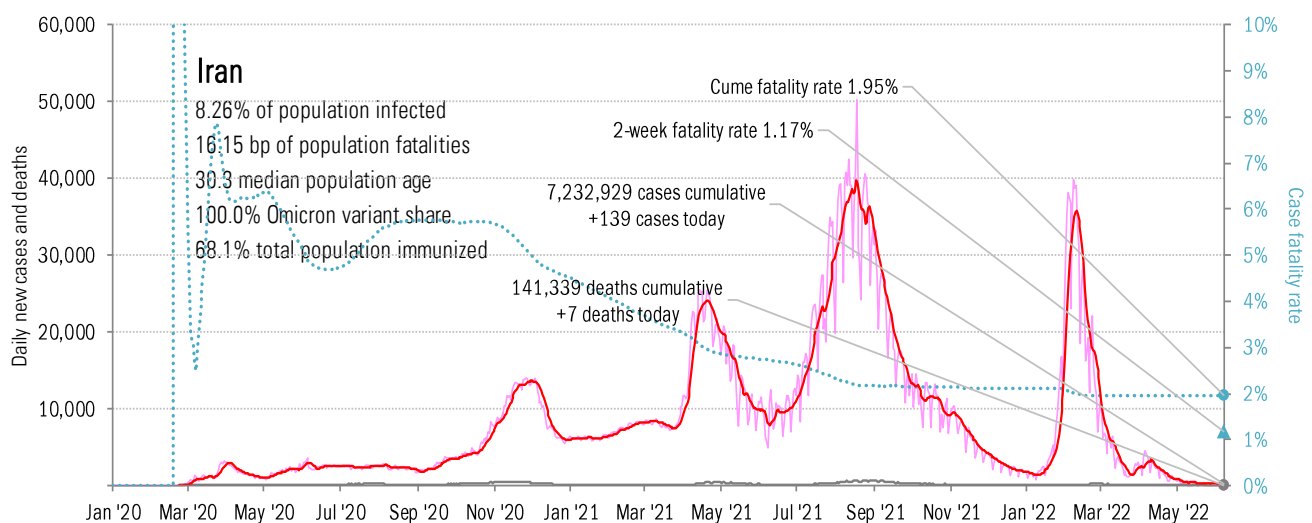
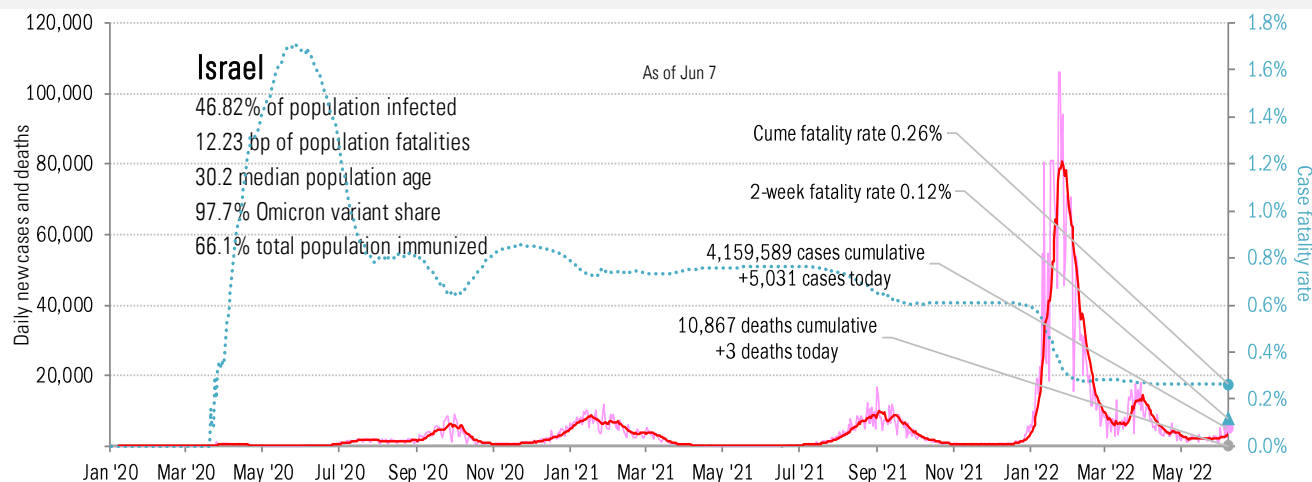
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

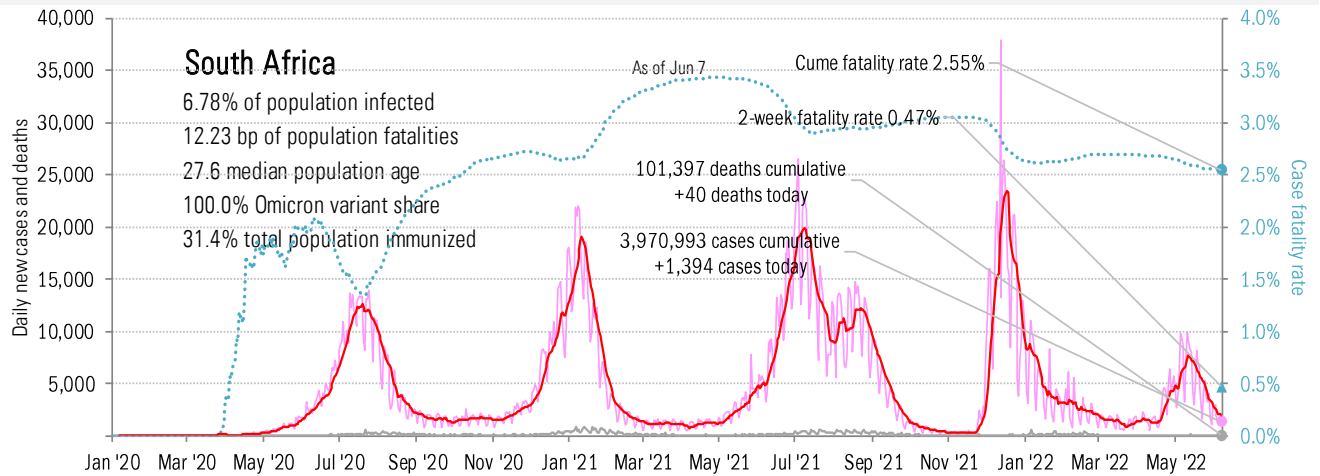
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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