

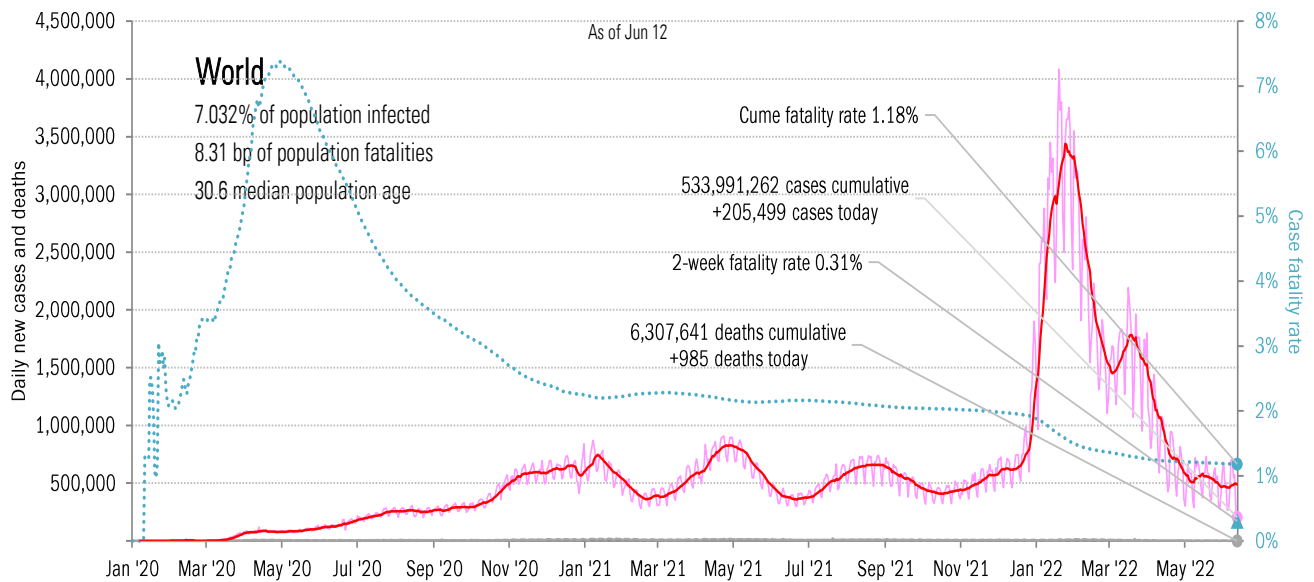
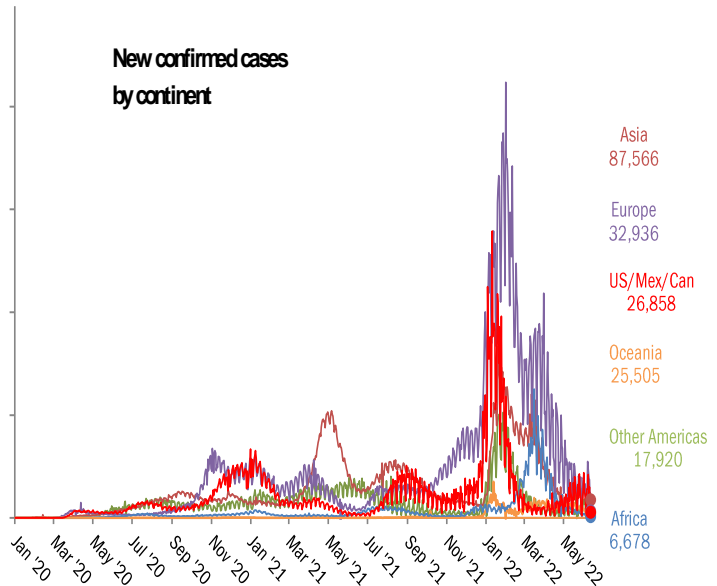
Data Insights: Covid-2019 Monitor

Monday, June 13, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Taiwan*	50,567	United States	537
United States	22,855	Taiwan*	163
Australia	20,880	Russia	62
Italy	19,310	Brazil	36
Japan	13,381	Italy	26
Brazil	11,728	Chile	19
Chile	11,039	Korea, South	17
India	8,084	Thailand	15
Germany	5,378	Israel	11
New Zealand	4,518	Australia	10
167,740		896	
World	205,499	World	985
Top ten	82%	Top ten	91%



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

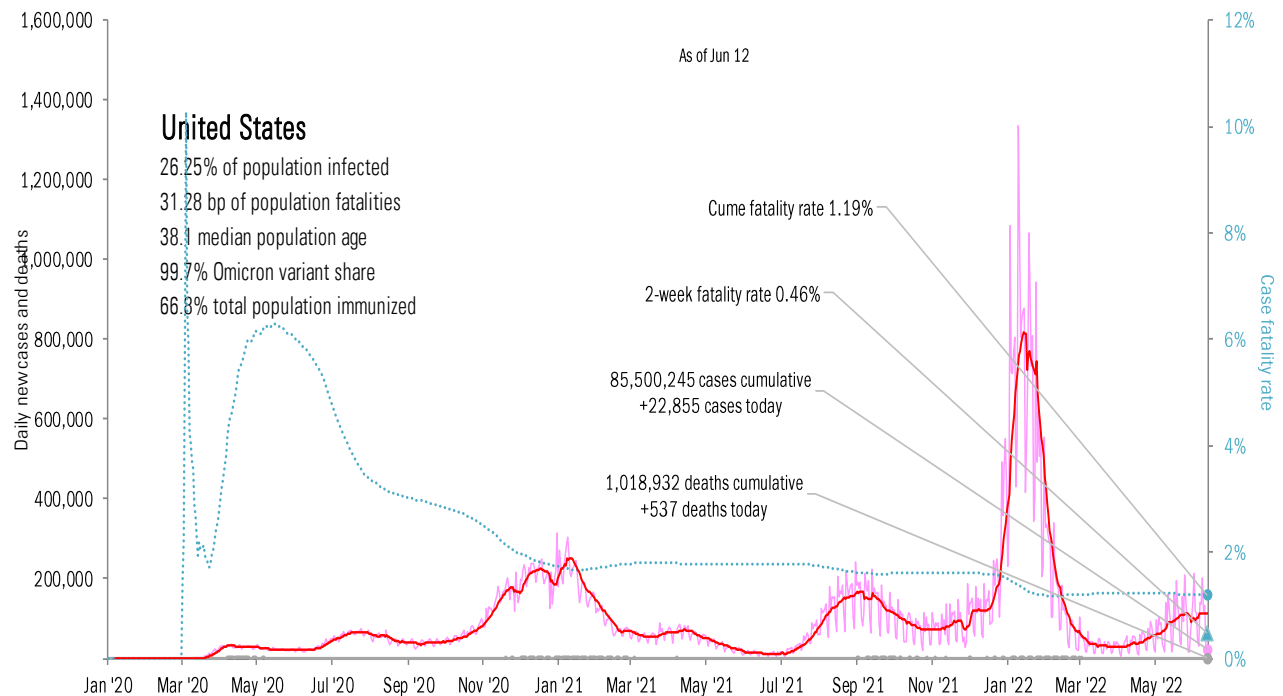
New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	5,939		FL	31		TX	357		CA	9,790,329		CA	91,696		TX	497,770		RI	92%	RI	86%
TX	5,286		AR	9		CA	512		TX	7,027,148		TX	88,469		CA	440,584		MA	87%	ND	84%
CA	3,833		AZ	6		FL	535		FL	6,266,959		FL	74,984		FL	432,369		WA	85%	TX	82%
						NY	272		NY	5,509,507		NY	69,272		NY	266,077		MN	85%	WA	82%
						CO	121		IL	3,352,983		PA	45,413		GA	210,726		MI	83%	MA	82%
						LA	79		PA	2,954,750		CH	38,657		CH	197,297		NH	82%	NM	81%
						GA	137		NC	2,799,515		GA	38,290		PA	184,229		GA	82%	DE	80%
						IL	174		CH	2,798,900		IL	38,289		IL	165,306		MO	81%	AK	80%
AK	0		AL	0		UT	57		GA	2,588,857		MI	36,538		MI	148,089		WV	81%	NH	79%
AL	0		AS	0		NV	63		MI	2,565,819		NJ	33,852		KY	134,885		MD	80%	NC	78%
AS	0		CO	0																	
22,855			53			2,307			45,654,767			555,460			2,677,332						
All states	22,855		537		4,479		All states	85,500,245		1,018,932		4,861,639		All states	70%		67%				
Top ten	100%		10%		52%		Top ten	53%		55%		55%		Median	76%		72%				

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

Some states not reporting

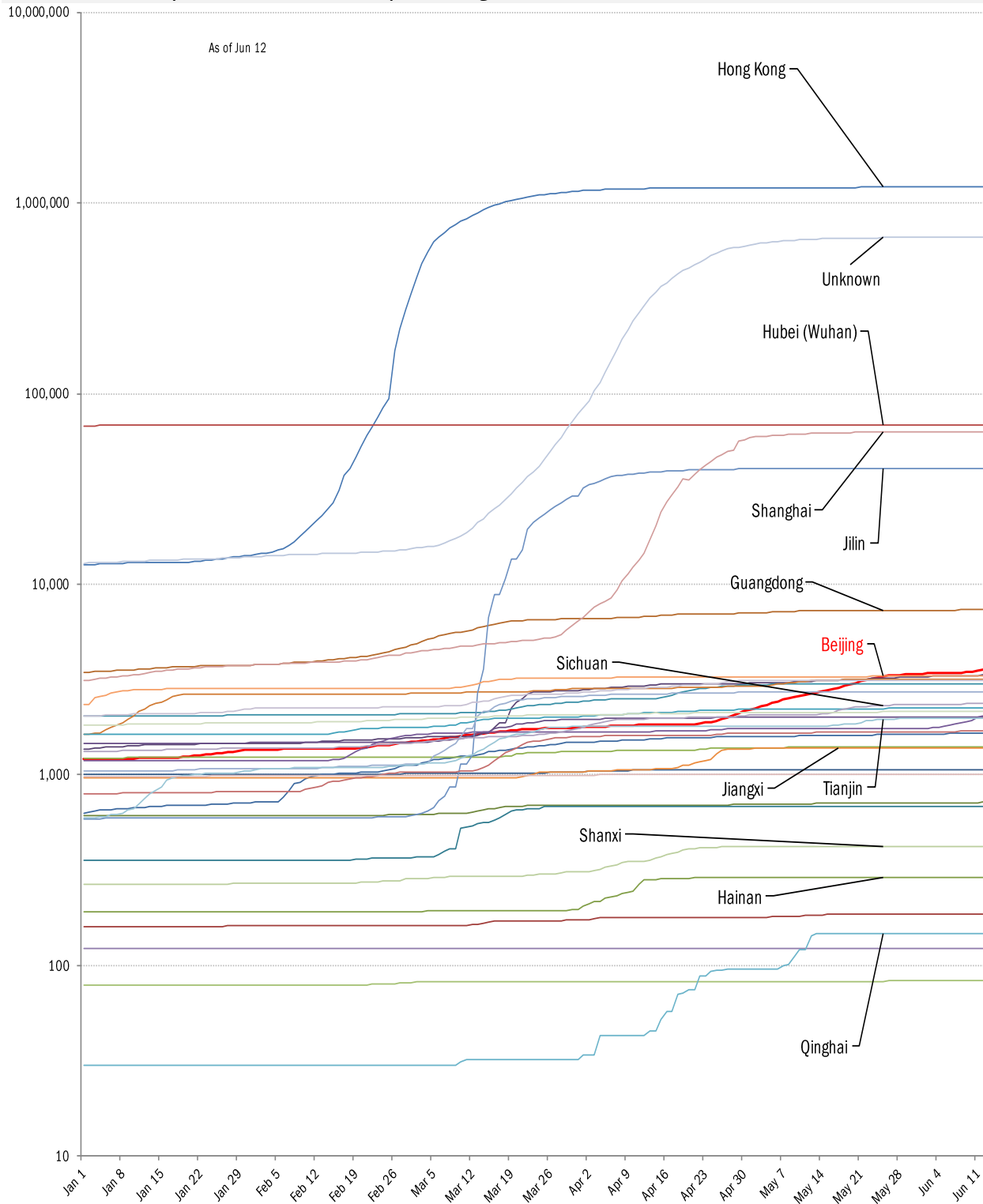
Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
KY	-2,434	FL	-69	NJ	-36	AZ	+10 bp
CK	-1,519	NJ	-19	CH	-11	IL	+10 bp
TX	-1,412	NY	-9	NE	-10	ME	+10 bp
NJ	-1,052	TX	-6	AK	-9	MI	+10 bp
NY	-503	FR	-2	MN	-9	MT	+10 bp



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

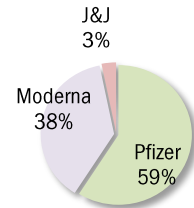
China provincial coronavirus case accelerometer... tracking the "zero Covid" curves
Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



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

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	606,537,055		+0.209 million		US	66.8%	78.0%
of which boosters	105,729,668		+0.055 million		UK	73.3%	78.4%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	266,851,174	80%	228,058,160	68%	+0.026 million	Spain	86.7%
Age 12 to 17	17,847,890	71%	15,289,300	60%	+0.002 million	Germany	76.9%
Age 18 to 64	179,210,368	88%	152,448,450	75%	+0.013 million	Italy	79.4%
Age 65 and over	59,221,663	100%	51,766,263	94%	+0.006 million	Australia	83.9%
						Israel	66.1%
						Canada	82.5%
						Japan	81.1%
						Africa	19.0%
						India	64.5%
						Brazil	78.5%
						China	87.1%



AK	70.2%
	62.8%

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

Best
Middle
Worst

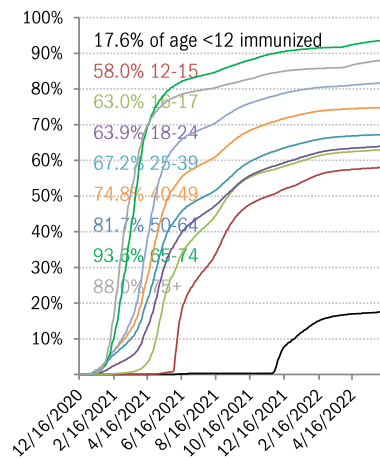
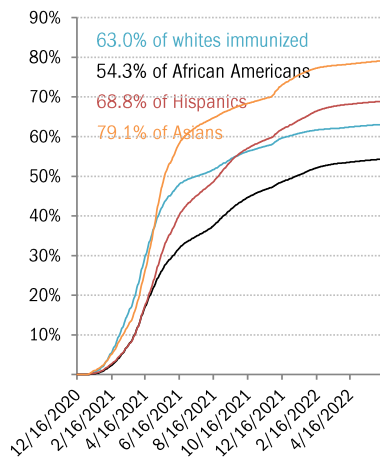
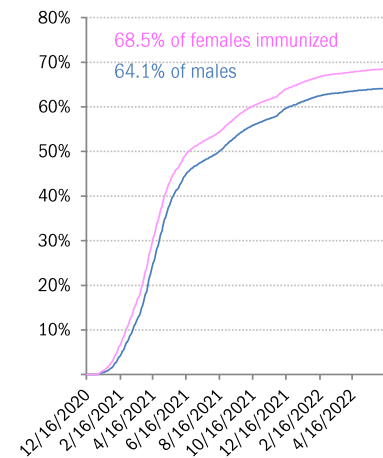
*Immunity = two doses

As of Jun 12

Global data differs due to sources, timing

					WI						ME
					72.2%						91.4%
					66.0%						80.3%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH
81.3%	62.1%	65.7%	66.0%	75.5%	76.3%	67.3%			90.8%	94.3%	89.2%
73.0%	55.7%	57.2%	55.9%	69.6%	69.0%	60.6%			77.6%	81.8%	71.3%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA	
78.4%	75.9%	58.4%	77.4%	68.3%	61.9%	63.6%	85.8%		91.1%	95.0%	
70.1%	61.3%	51.2%	62.3%	62.3%	55.3%	58.7%	69.3%		76.3%	79.8%	
CA	UT	CO	NE	MO	KY	WV	VA		MD	CT	RI
82.7%	72.5%	79.9%	70.6%	66.6%	66.5%	65.4%	86.4%		87.2%	95.0%	95.0%
72.7%	64.6%	70.7%	63.9%	56.5%	57.8%	58.0%	73.8%		76.3%	79.9%	83.5%
	AZ	NM	KS	AR	TN	NC	SC		DC	DE	
	73.8%	88.7%	72.9%	67.2%	62.6%	85.4%	68.2%		95.0%	83.9%	
	62.2%	71.8%	62.4%	54.9%	54.9%	62.3%	57.5%		75.8%	69.9%	
			OK	LA	MS	AL	GA				
			71.6%	61.4%	60.0%	63.1%	65.8%				
			57.8%	53.8%	52.2%	51.5%	55.2%				
			TX						FL		PR
			74.0%						79.9%		95.0%
			62.1%						67.5%		83.5%

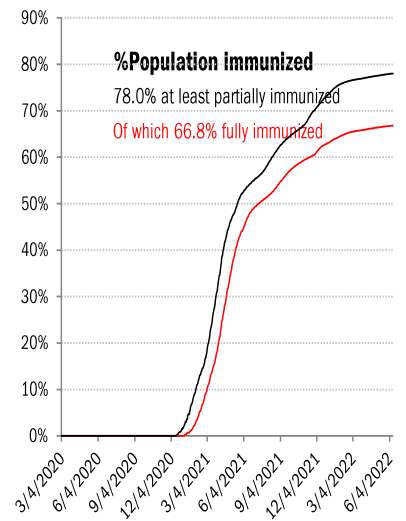
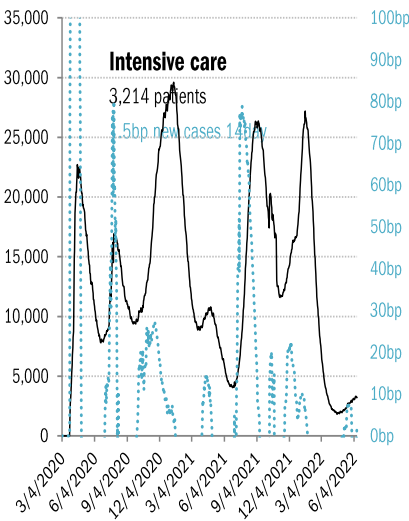
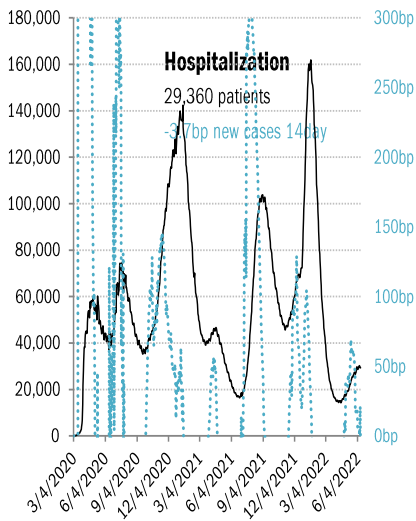
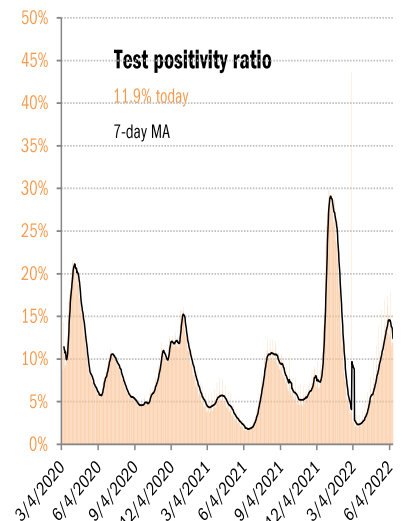
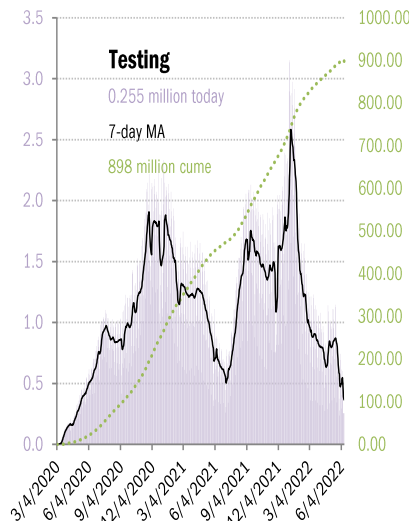
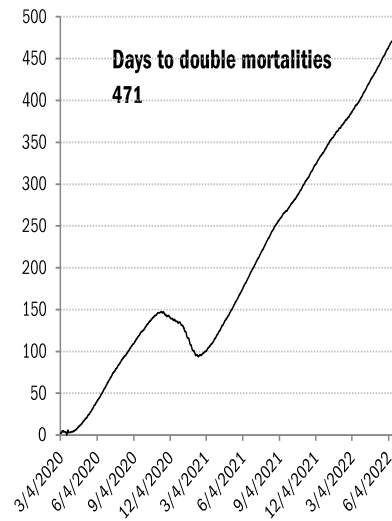
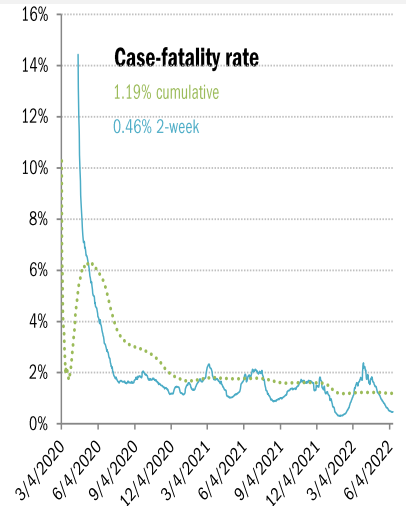
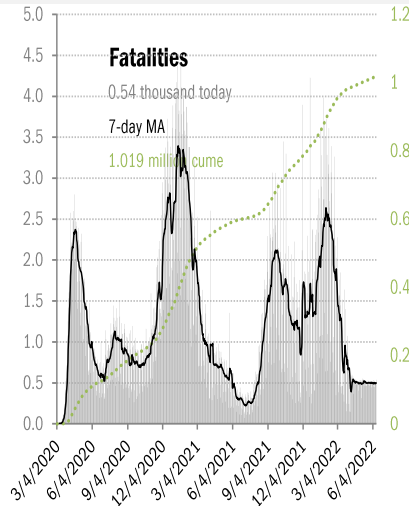
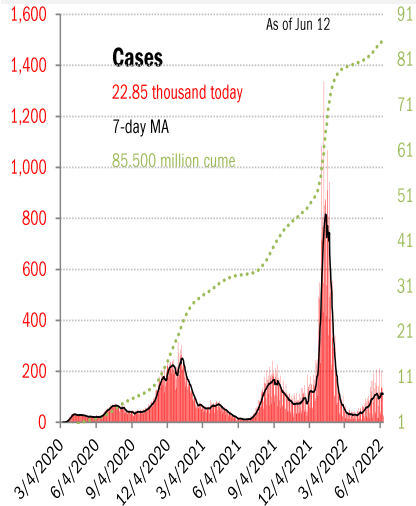
The demographics of US vaccination



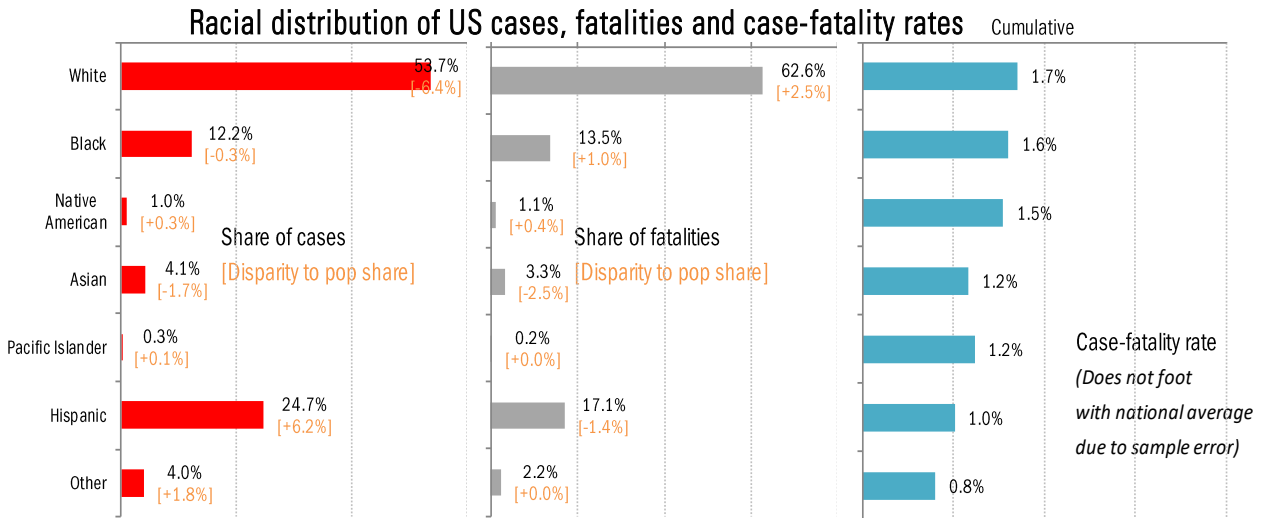
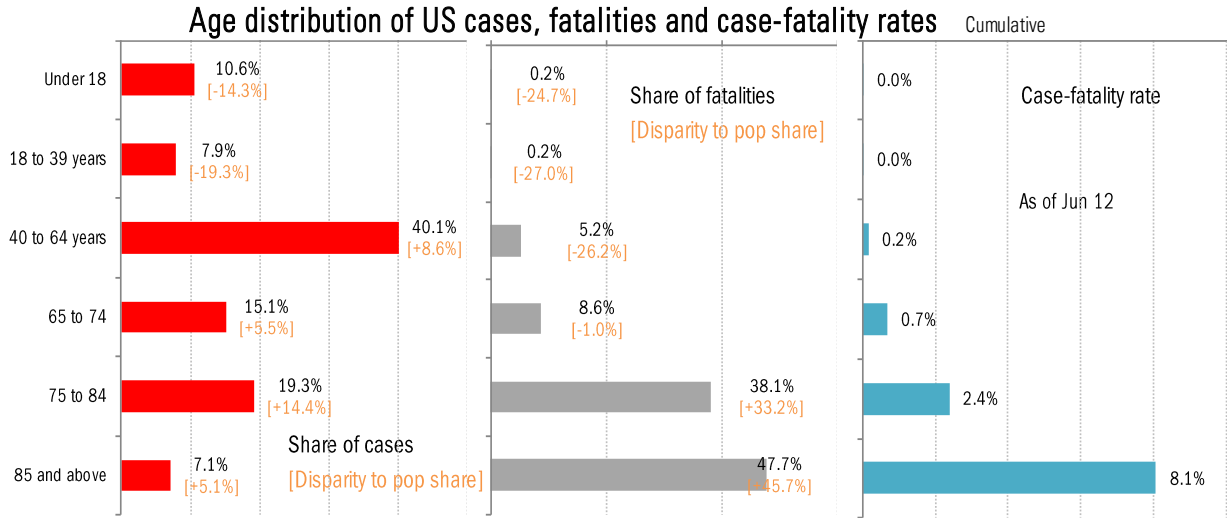
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

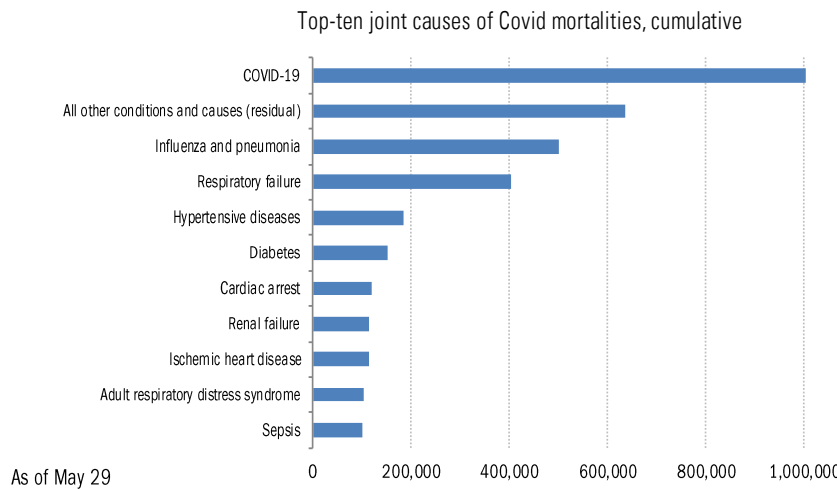
National and state-by-state data do not line up because of different sources



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



Comorbidities



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

[A Permanent Pandemic Means a Huge Medicaid Expansion](#)

Joel Zinberg and Gary D. Alexander
Wall Street Journal
June 12, 2022

[FDA advisors to review, likely recommend COVID-19 vaccines for young children this week](#)

Karen Weintraub
USA Today
June 13, 2022

[Beijing warns of 'explosive' COVID outbreak, Shanghai conducts mass testing](#)

Andrew Galbraith
Reuters
June 12, 2022

[CDC Wants Its Covid Regime Made Permanent](#)

Jeffrey A. Tucker
Brownstone Institute
June 6, 2022

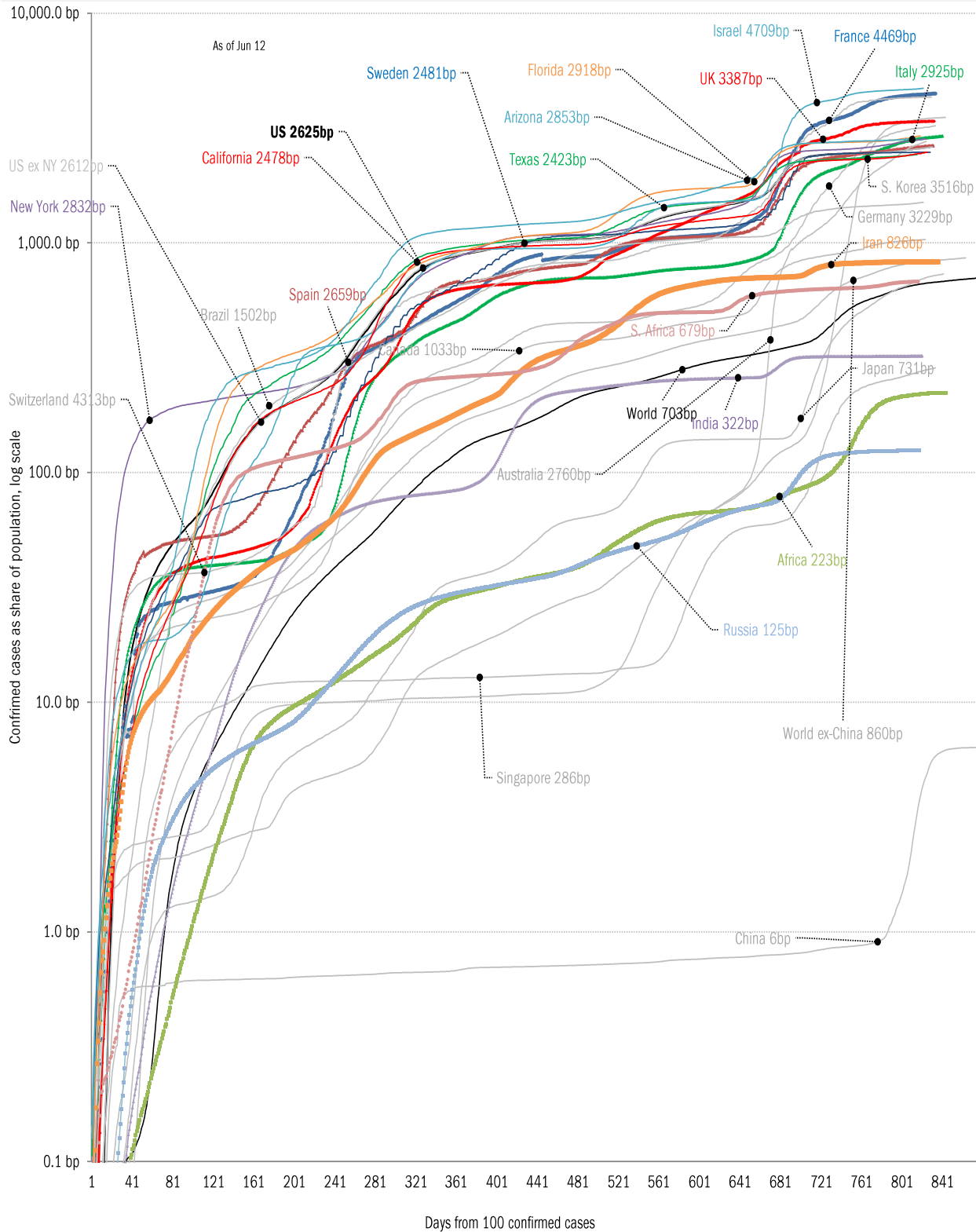
Meme of the day



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

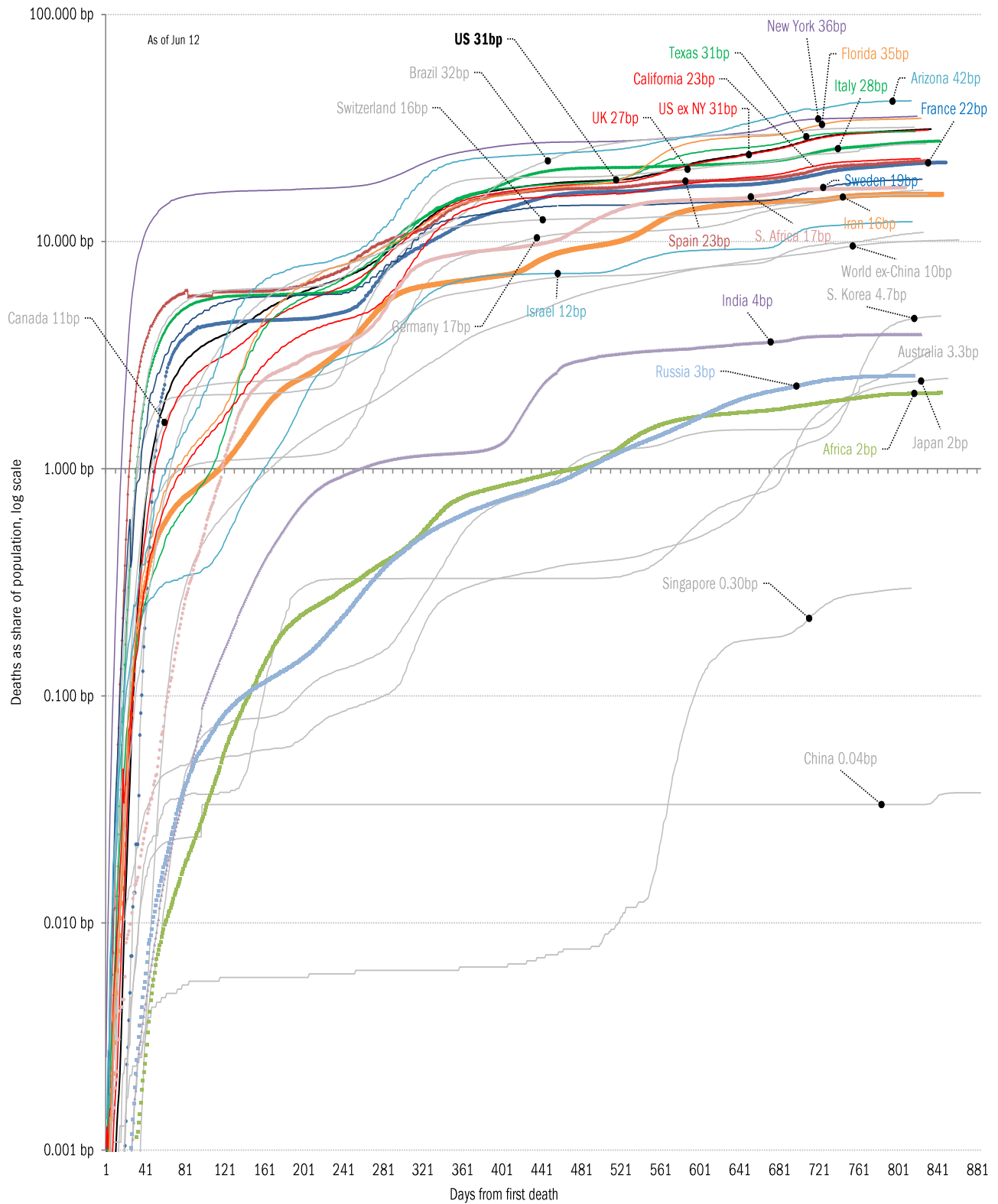
The global coronavirus case accelerometer... tracking the world's infection curves

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

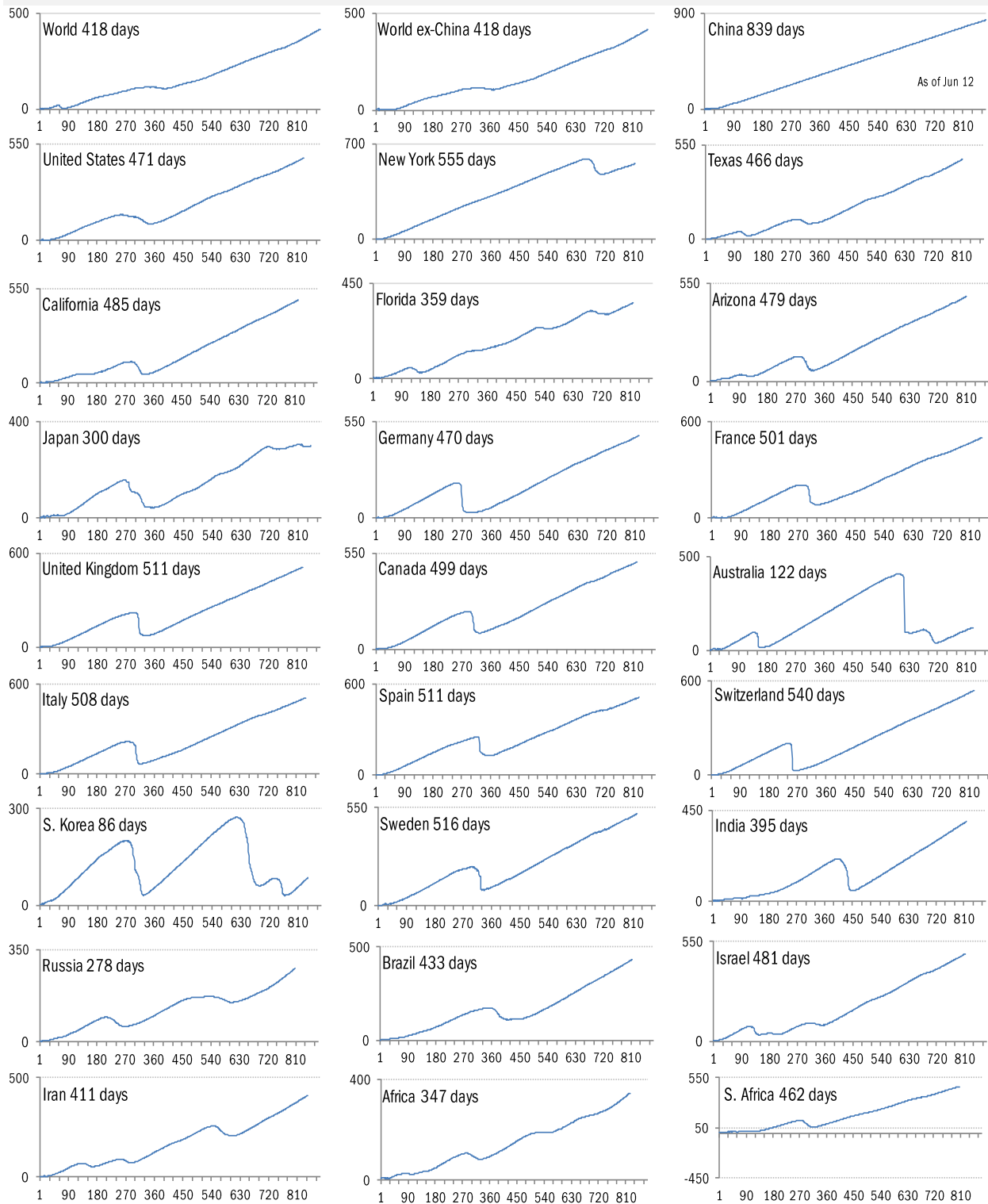


Source: [Johns Hopkins](#), TrendMacro calculations

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

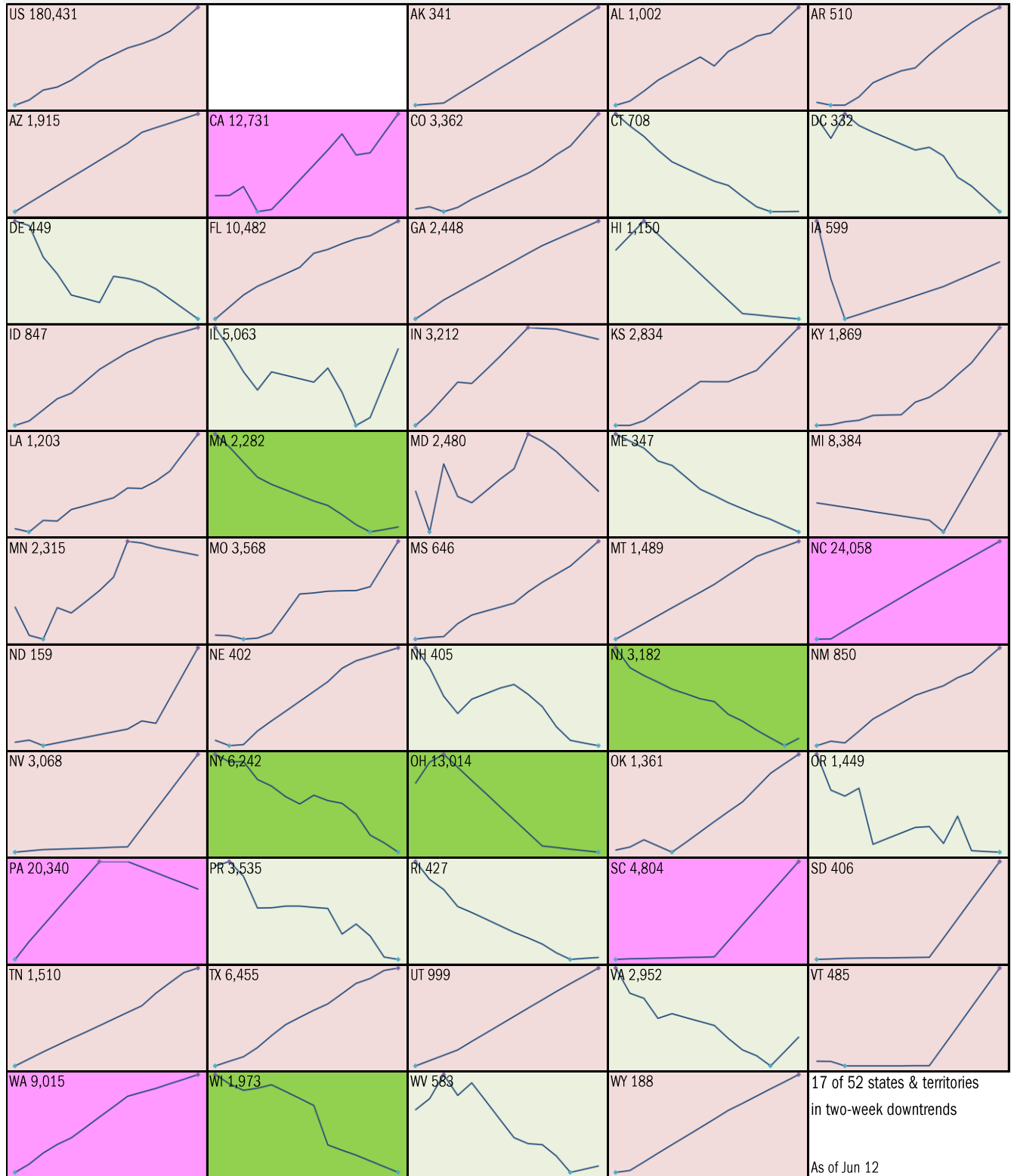


Source: [Johns Hopkins](#), TrendMacro calculations

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

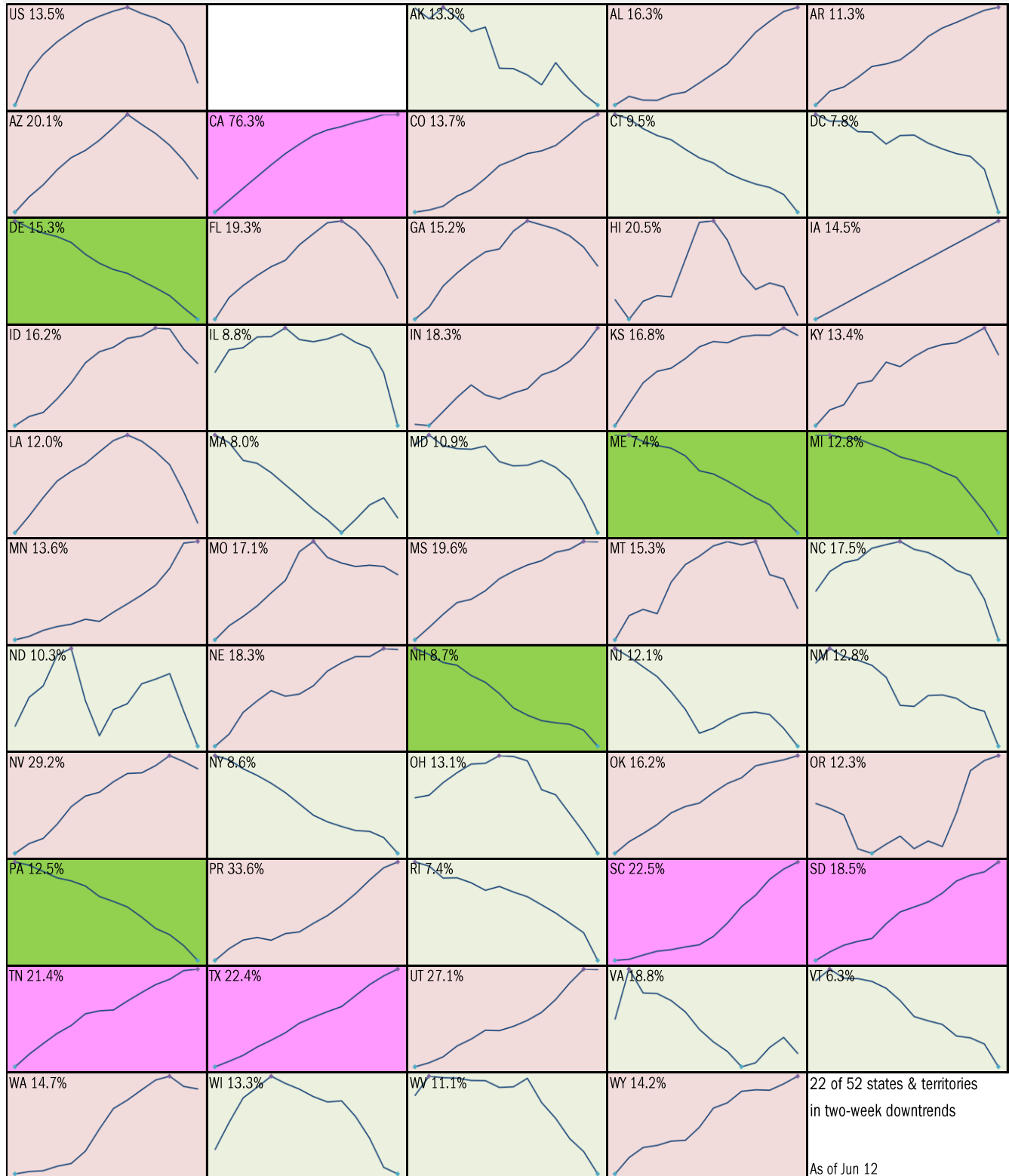


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

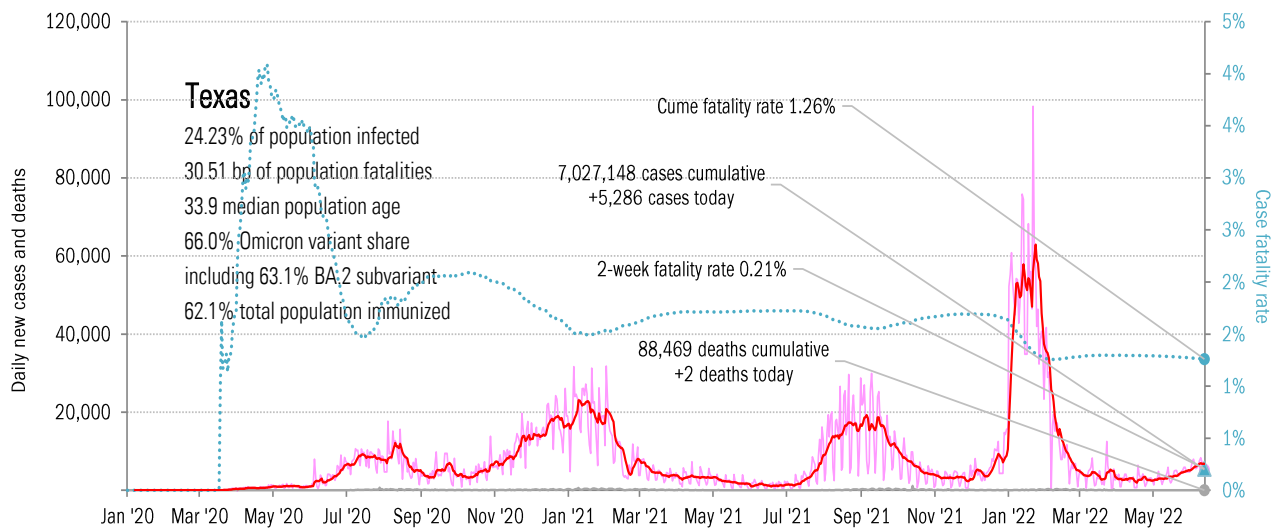
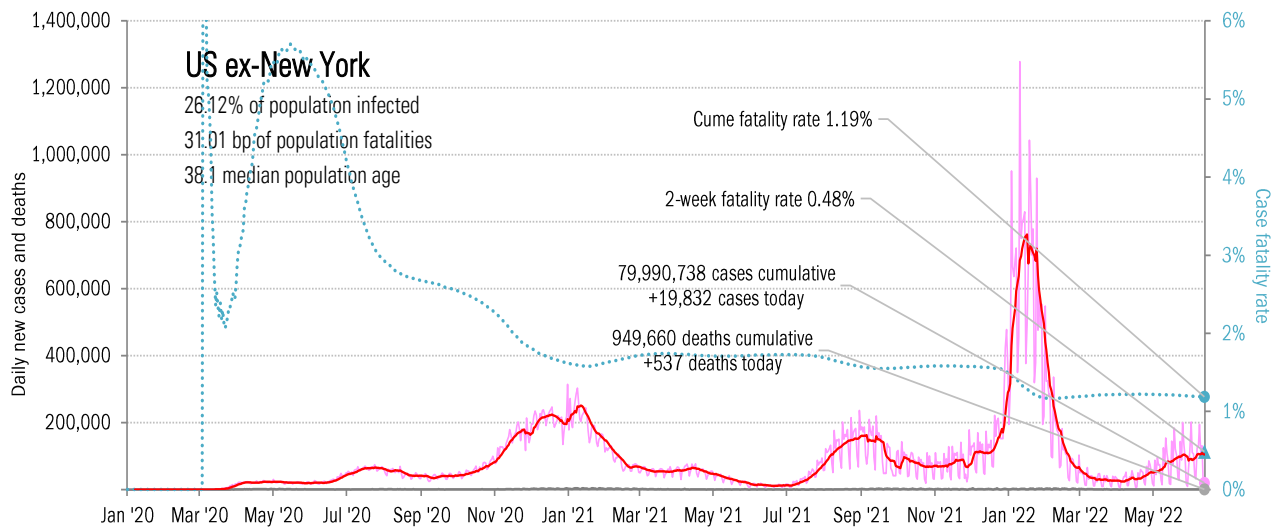
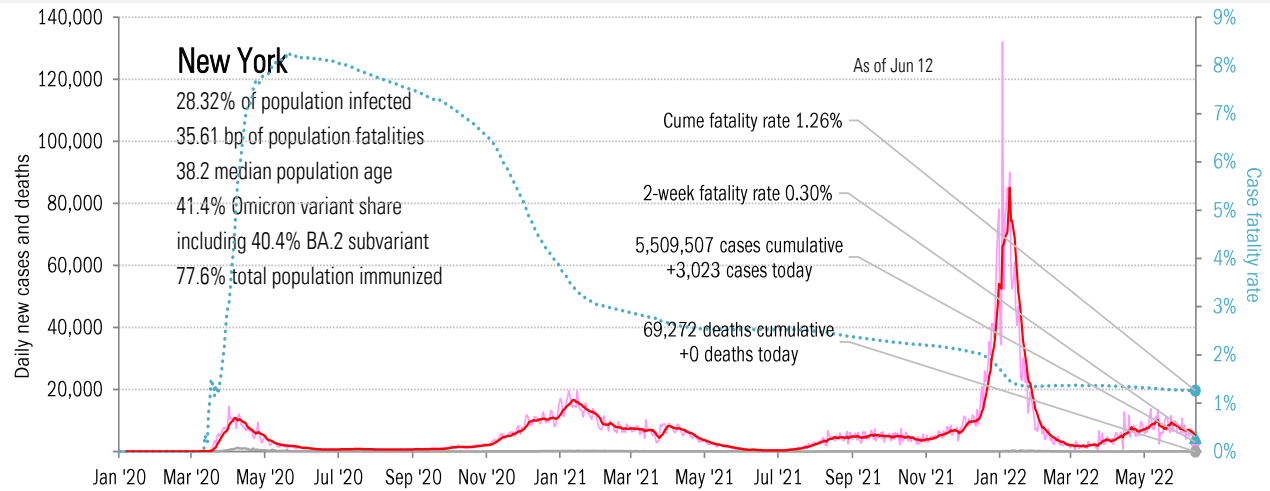
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

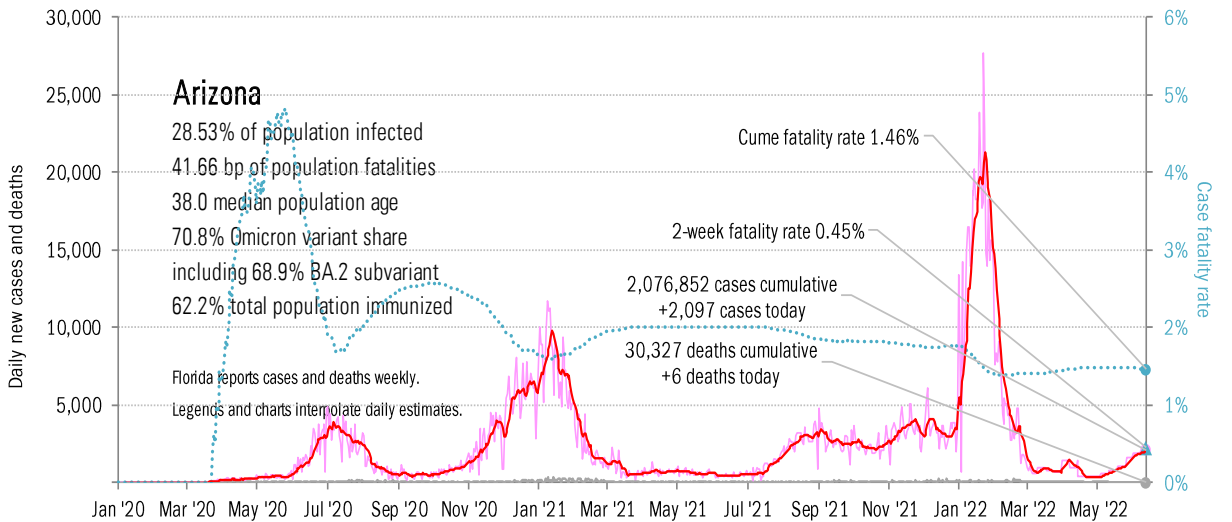
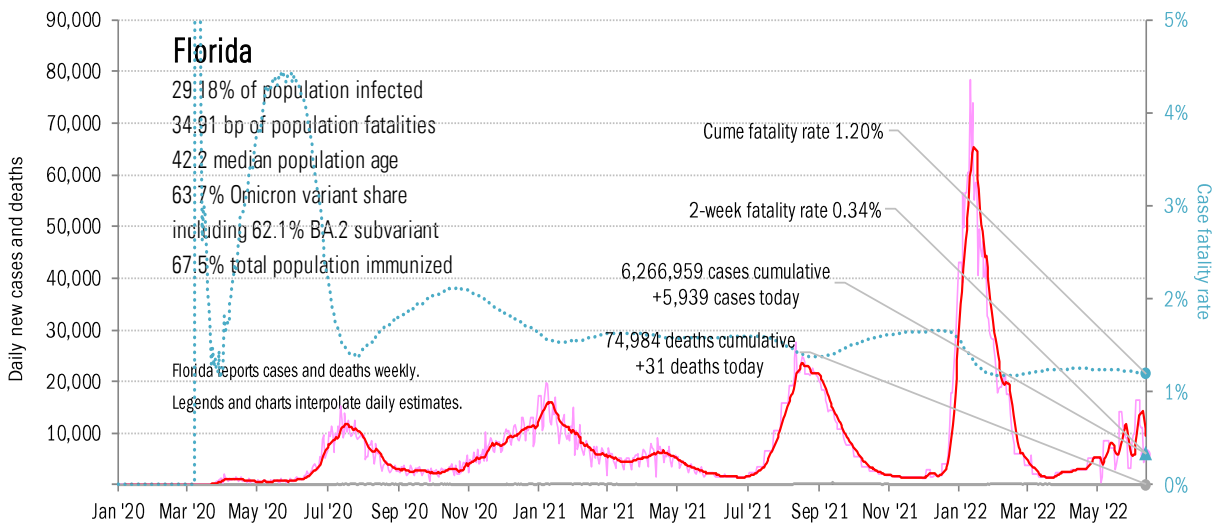
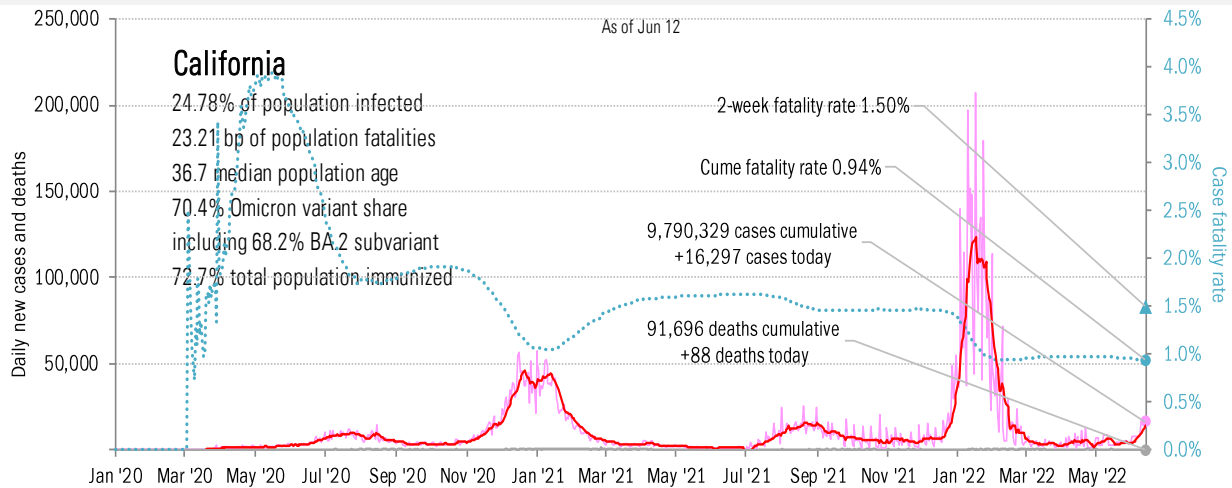
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

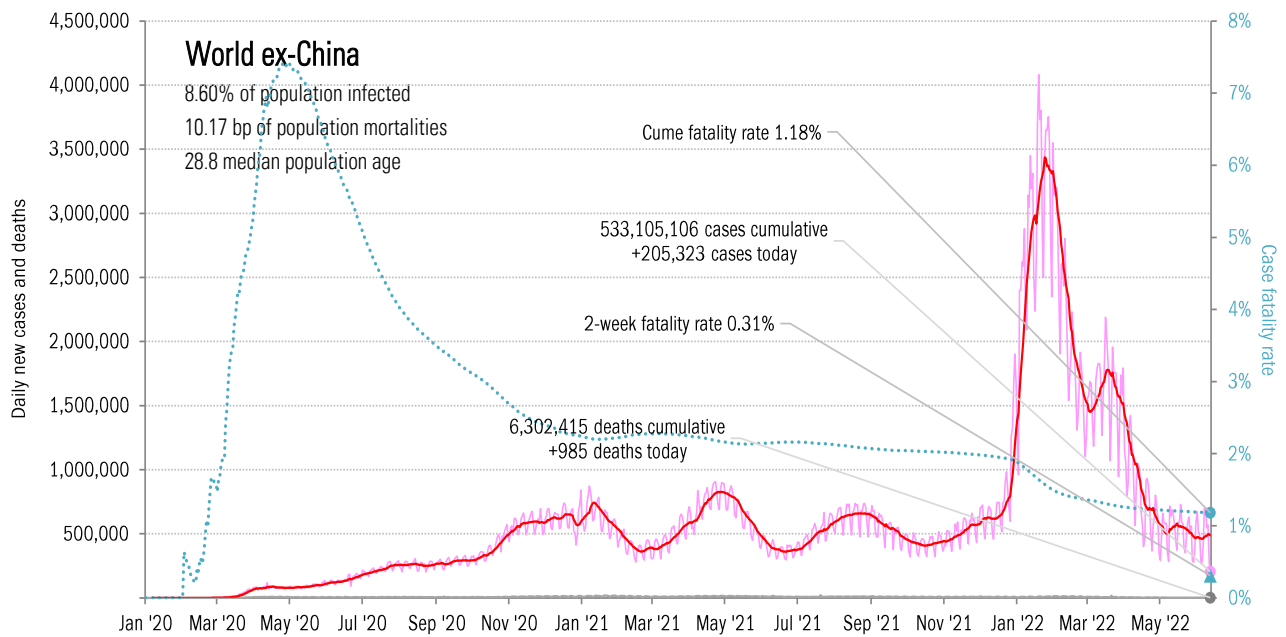
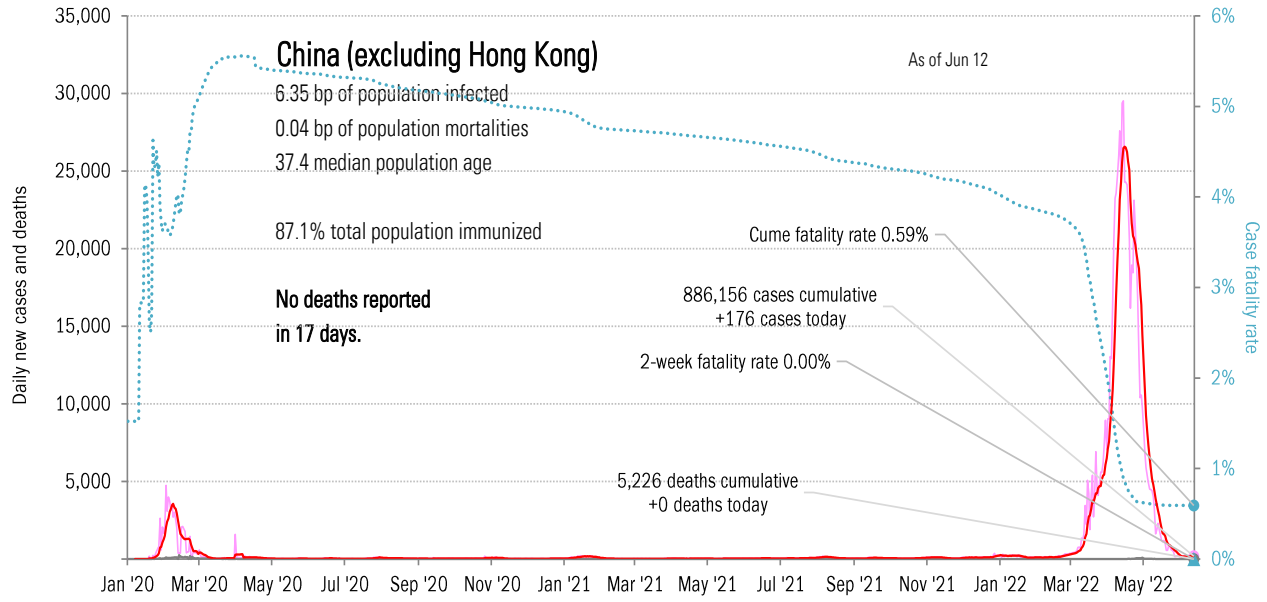
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

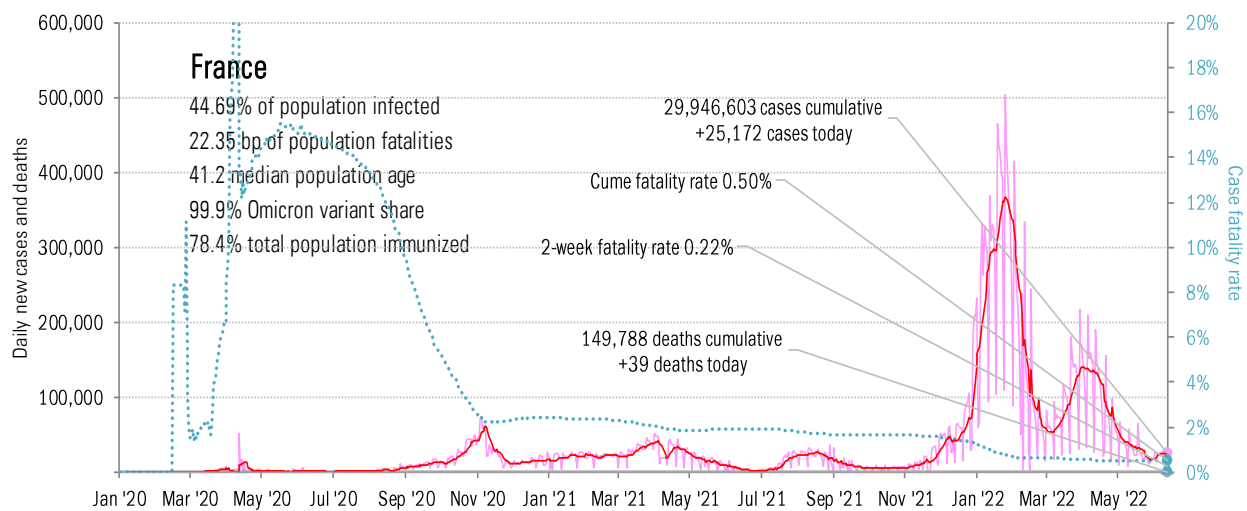
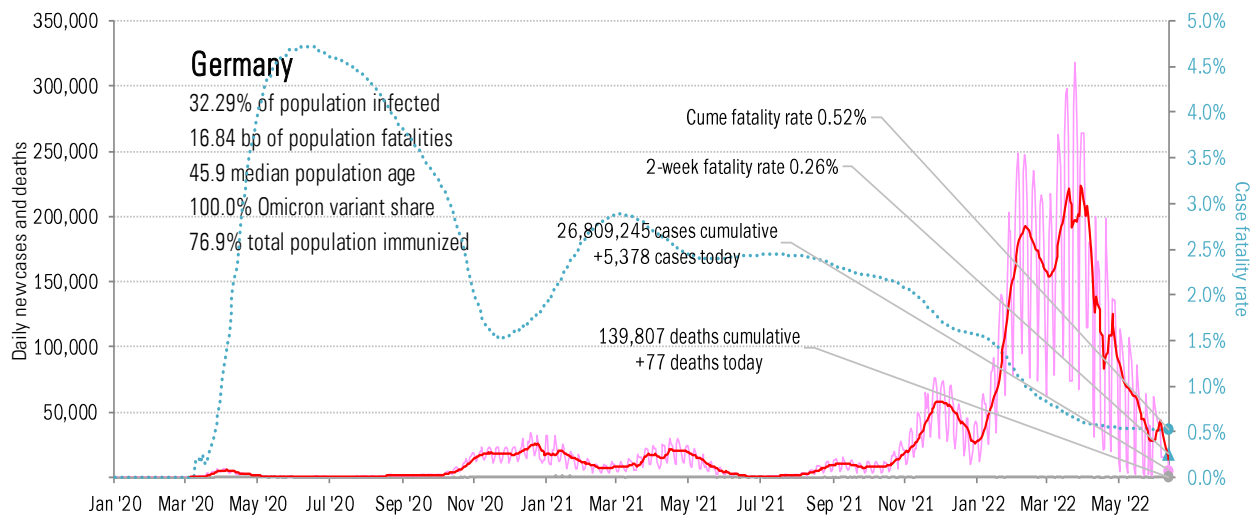
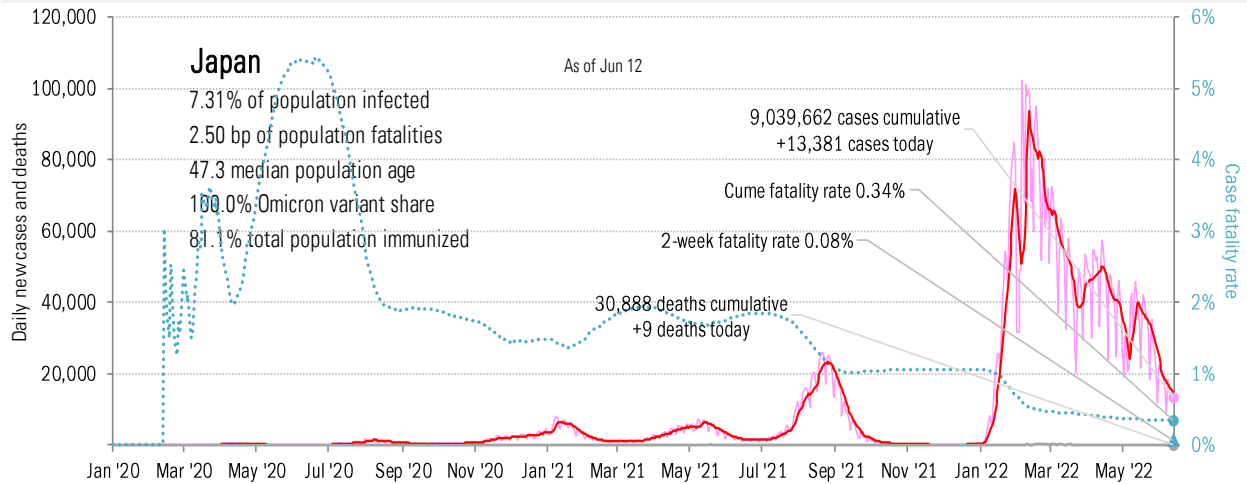
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

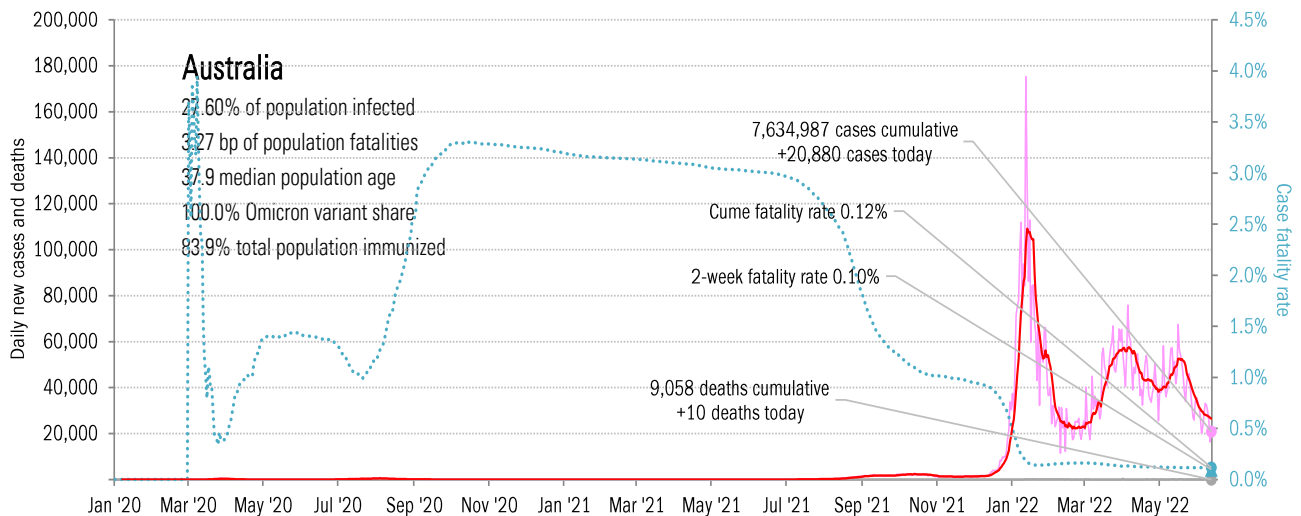
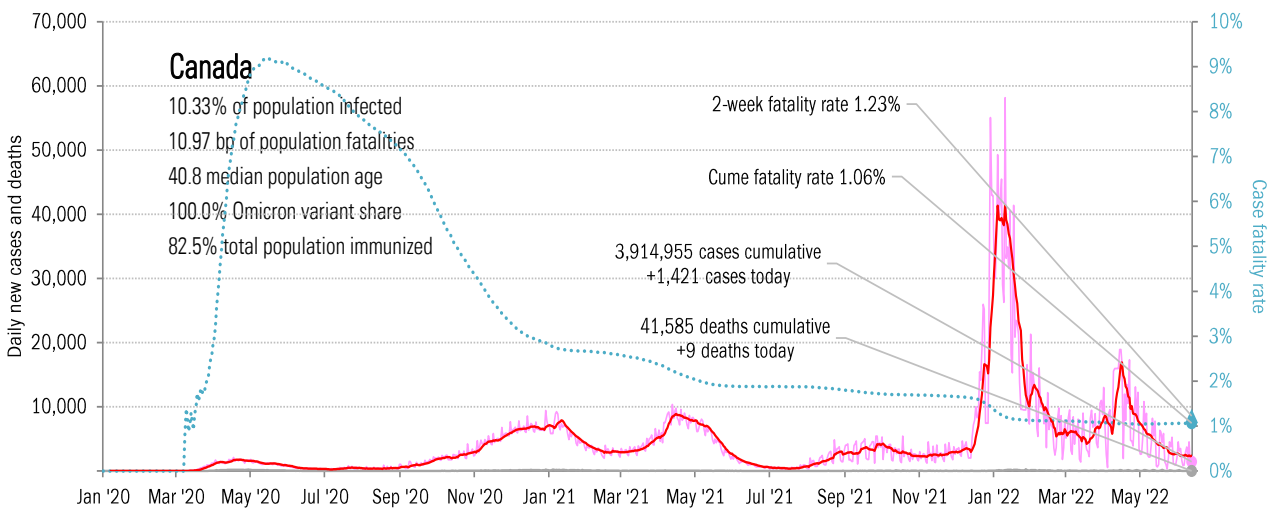
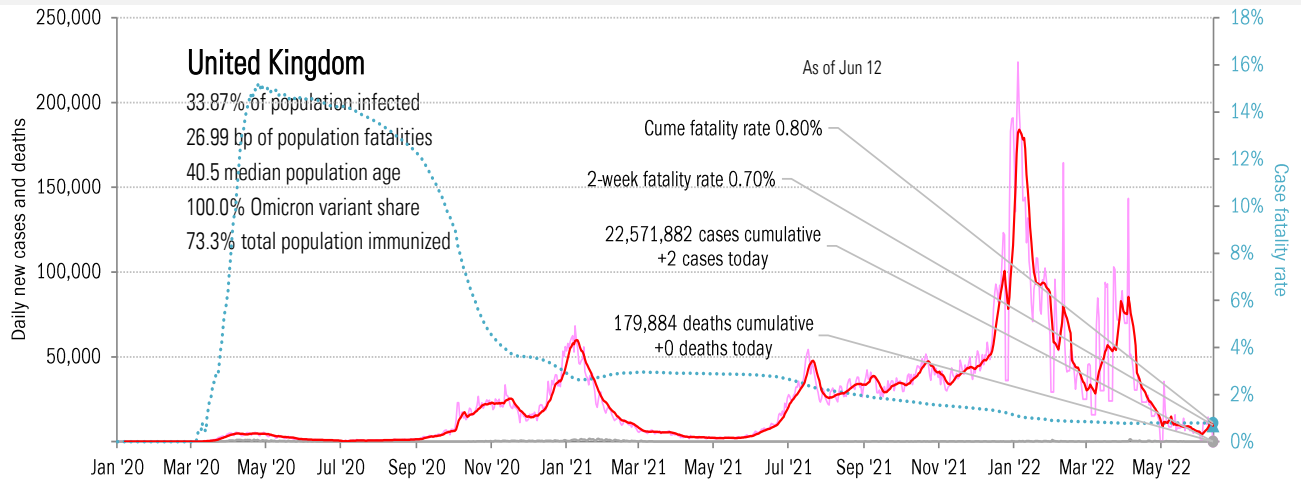
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

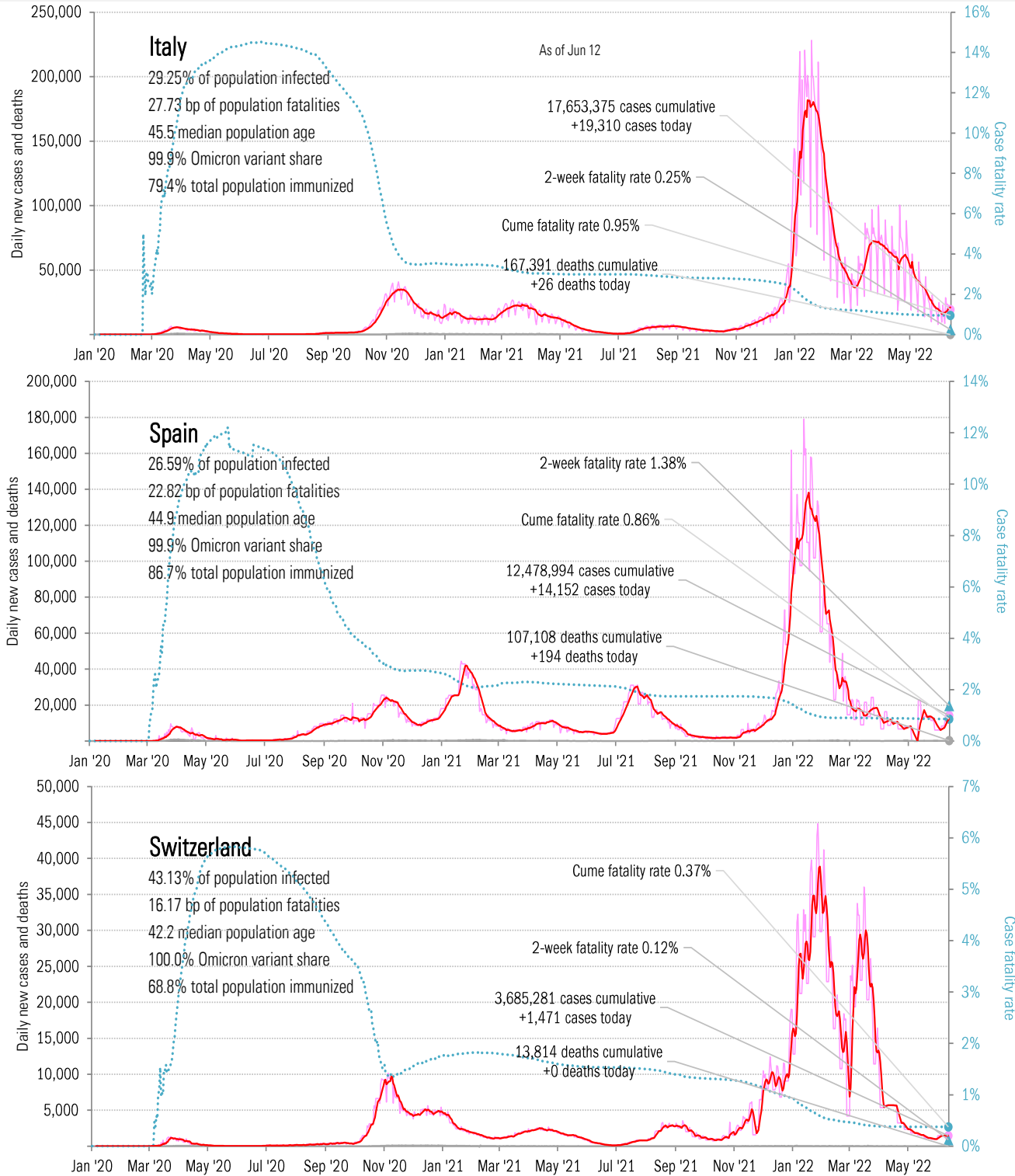
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

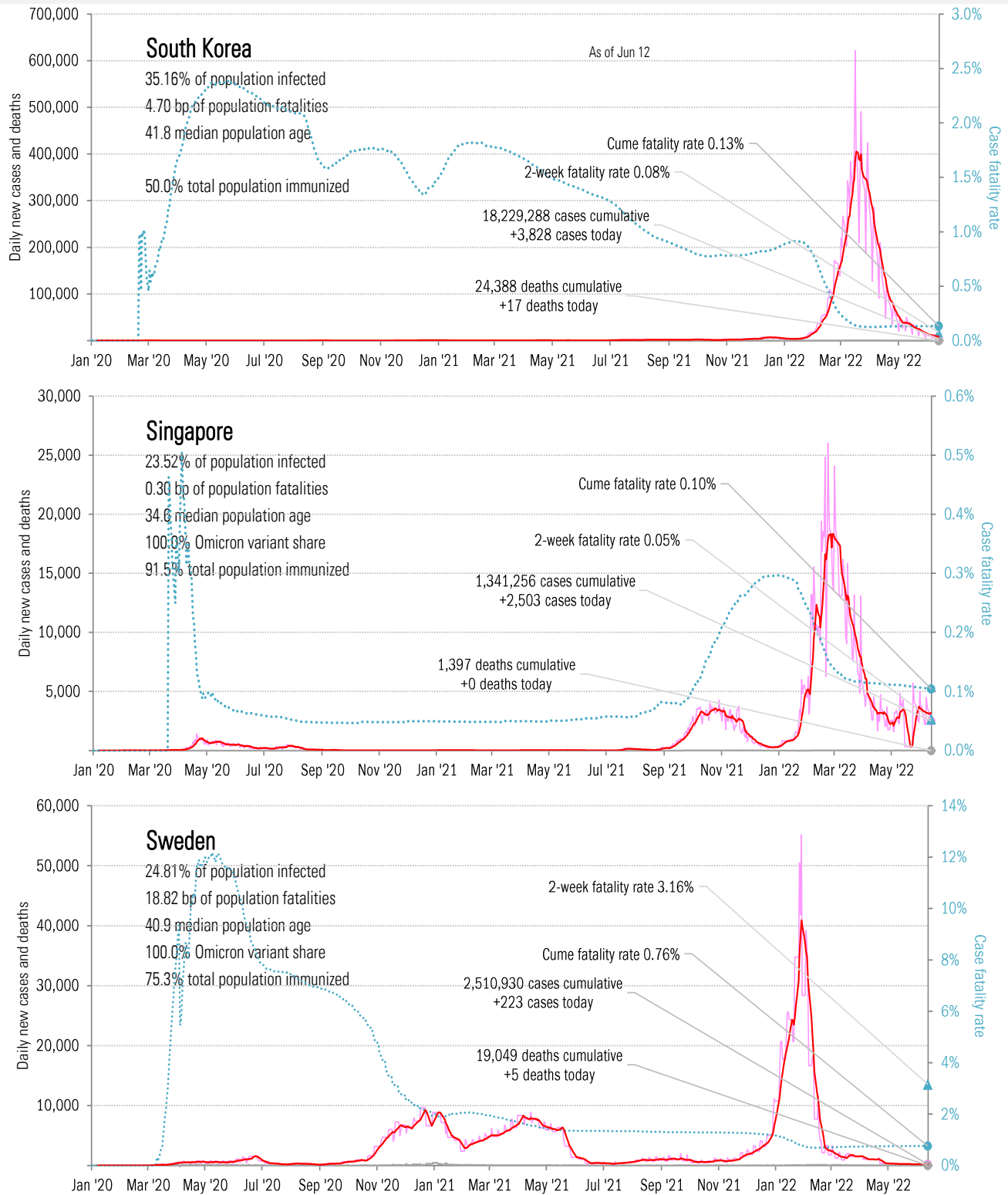
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

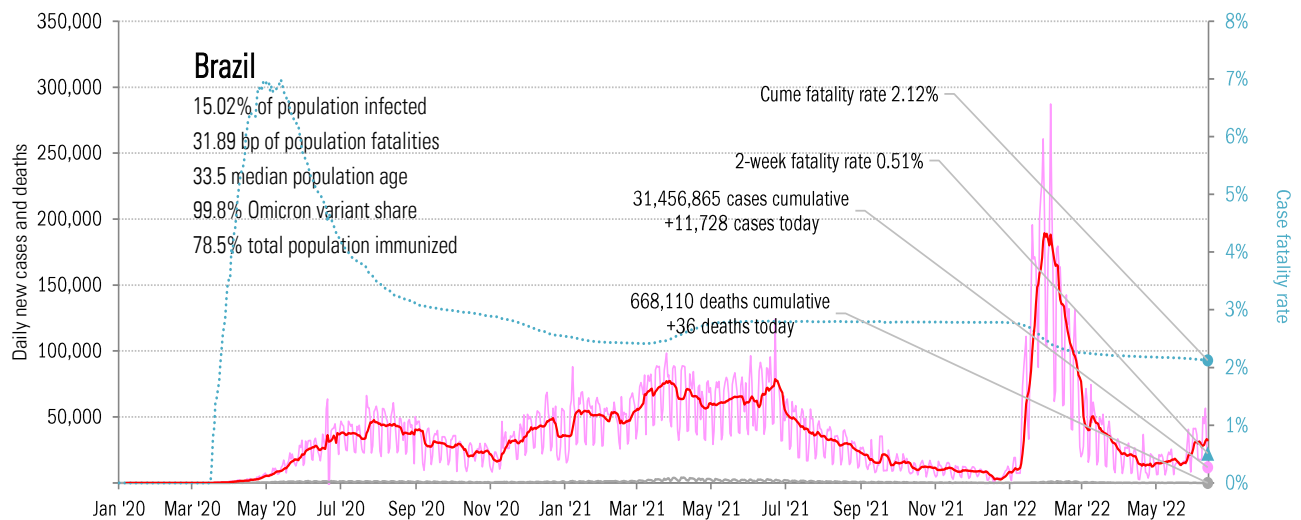
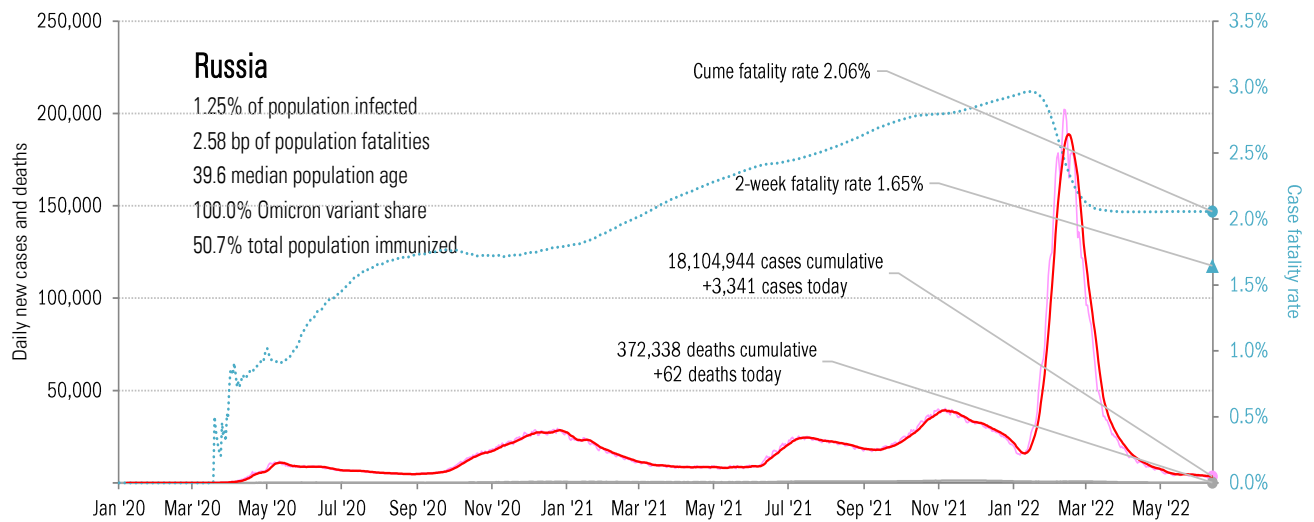
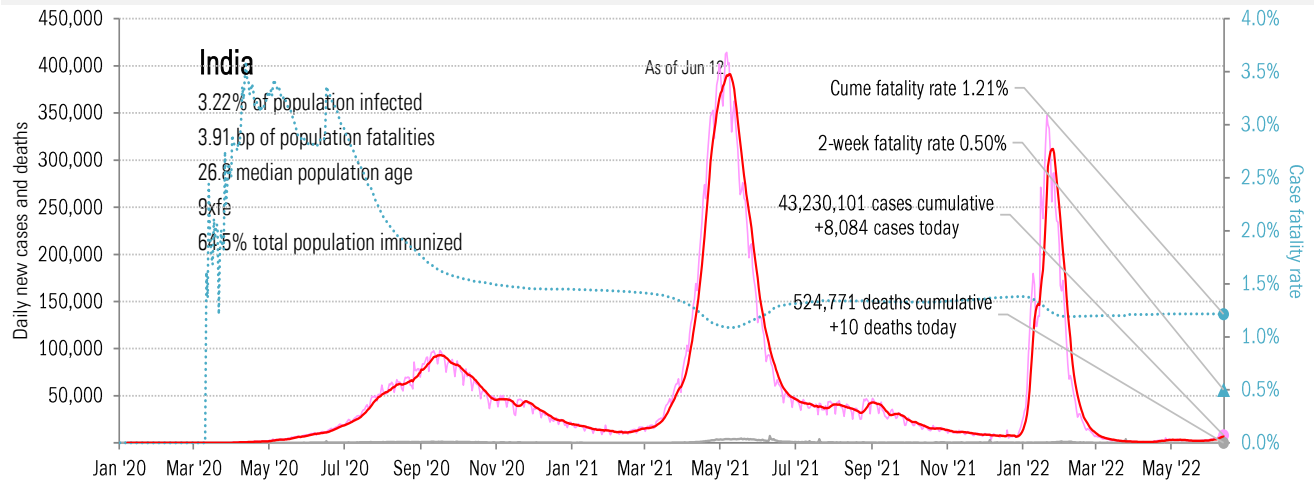
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

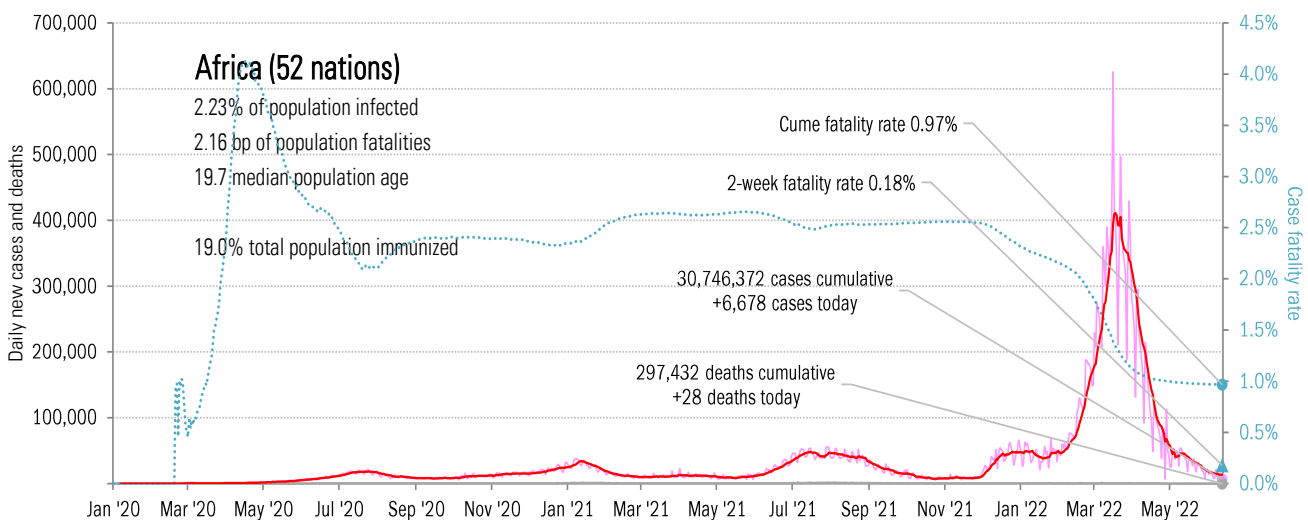
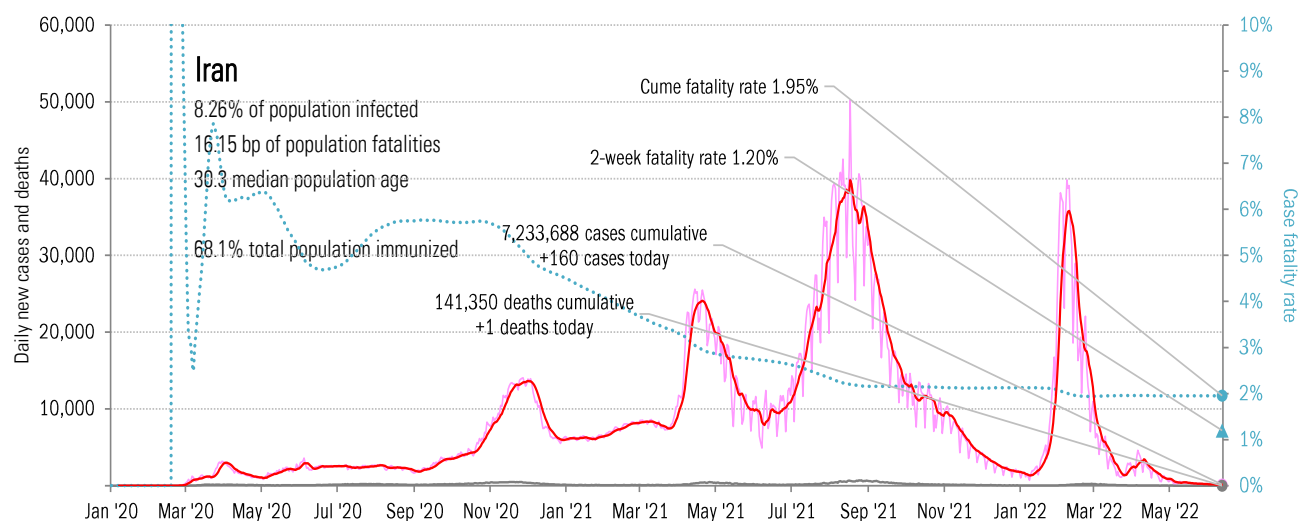
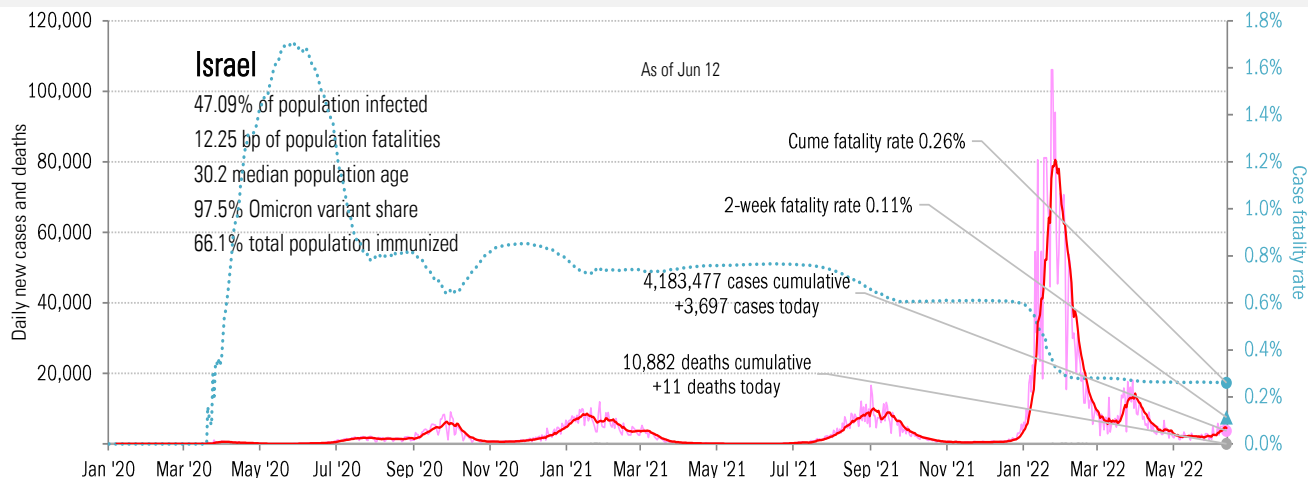
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

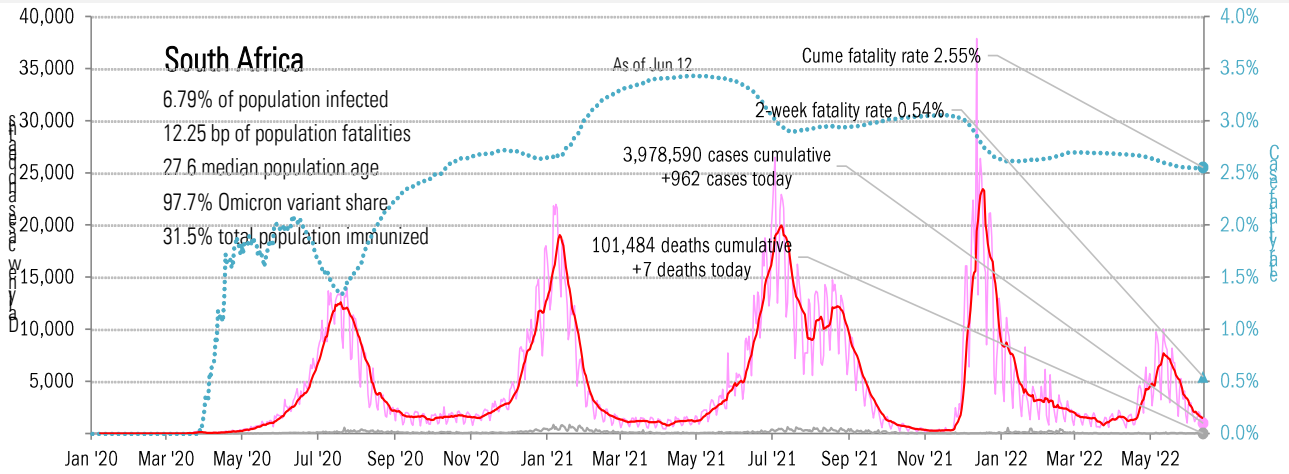
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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