

Data Insights: Covid-2019 Monitor

Thursday, June 30, 2022

The global scorecard

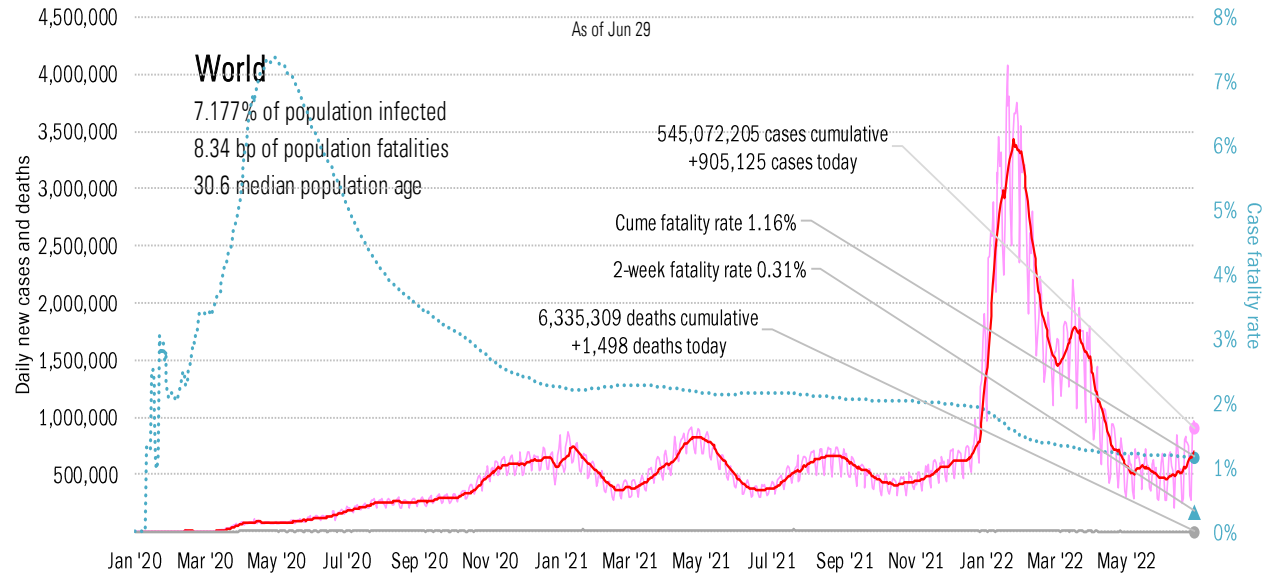
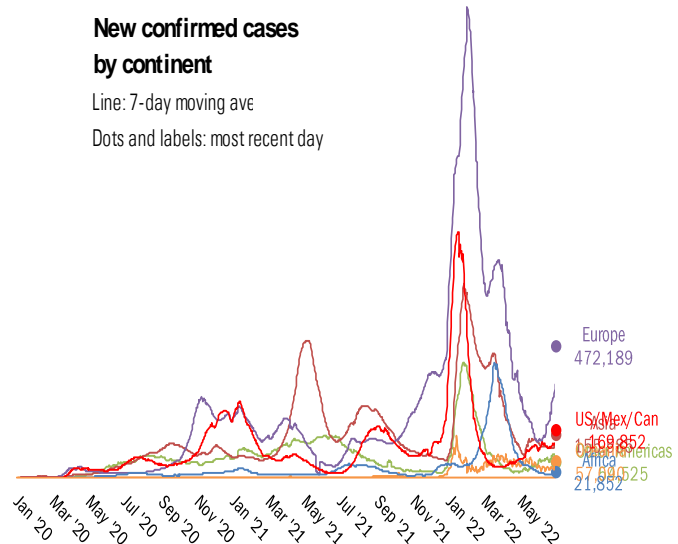
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	167,233	United States	436
Germany	132,671	United Kingdom	120
France	124,872	Taiwan*	85
Italy	95,455	Australia	84
Australia	49,061	Germany	83
Taiwan*	42,025	Italy	60
United Kingdom	40,104	Norway	57
Turkey	26,635	Russia	52
Japan	23,324	France	48
India	18,819	India	39
720,199		1,064	
World	905,125	World	1,498
Top ten	80%	Top ten	71%

New confirmed cases by continent

Line: 7-day moving ave
 Dots and labels: most recent day



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

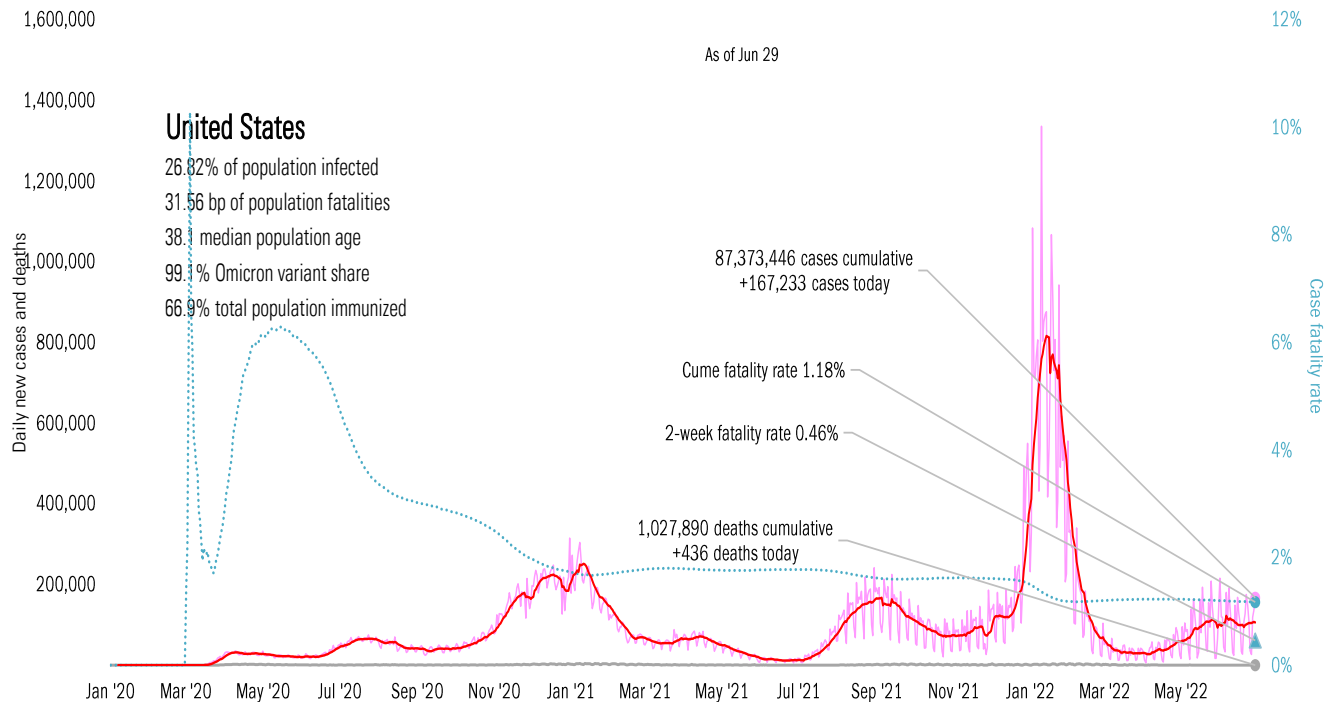
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use						
NC	24,141		GA	132		CA	633		CA	10,096,131		CA	92,235		TX	503,637		RI	92%		RI	88%				
GA	20,971		NC	58		NJ	159		TX	7,176,301		TX	88,686		CA	449,420		MA	86%		VT	88%				
TX	10,718					GA	223		FL	6,442,567		FL	75,768		FL	442,540		GA	84%		AL	84%				
FL	10,627					SC	147		NY	5,603,772		NY	69,645		NY	270,469		WA	84%		TX	82%				
NV	8,125					AL	108		IL	3,425,979		PA	45,657		GA	209,825		PA	82%		MA	81%				
TN	7,735					FL	680		PA	2,988,758		CH	38,778		CH	199,637		NH	82%		WA	80%				
NY	7,623					ID	35		NC	2,867,218		GA	38,579		PA	186,641		MN	81%		DE	80%				
CA	6,885					NY	303		CH	2,831,228		IL	38,569		IL	168,212		DE	81%		GA	80%				
H	5,362		MA	22		TX	420		GA	2,647,568		MI	36,918		MI	149,805		MO	81%		NH	79%				
KS	4,936		IN	21		CO	102		MI	2,606,431		NJ	34,036		KY	136,024		MI	80%		MI	78%				
107,123			441			2,810			46,685,953			558,871			2,716,210											
All states			167,233			436			5,194			87,373,446			1,027,890			4,934,730			All states		70%		67%	
Top ten			64%			101%			54%			53%			55%			55%			Median		75%		72%	

Some states not reporting

Five most improved US states

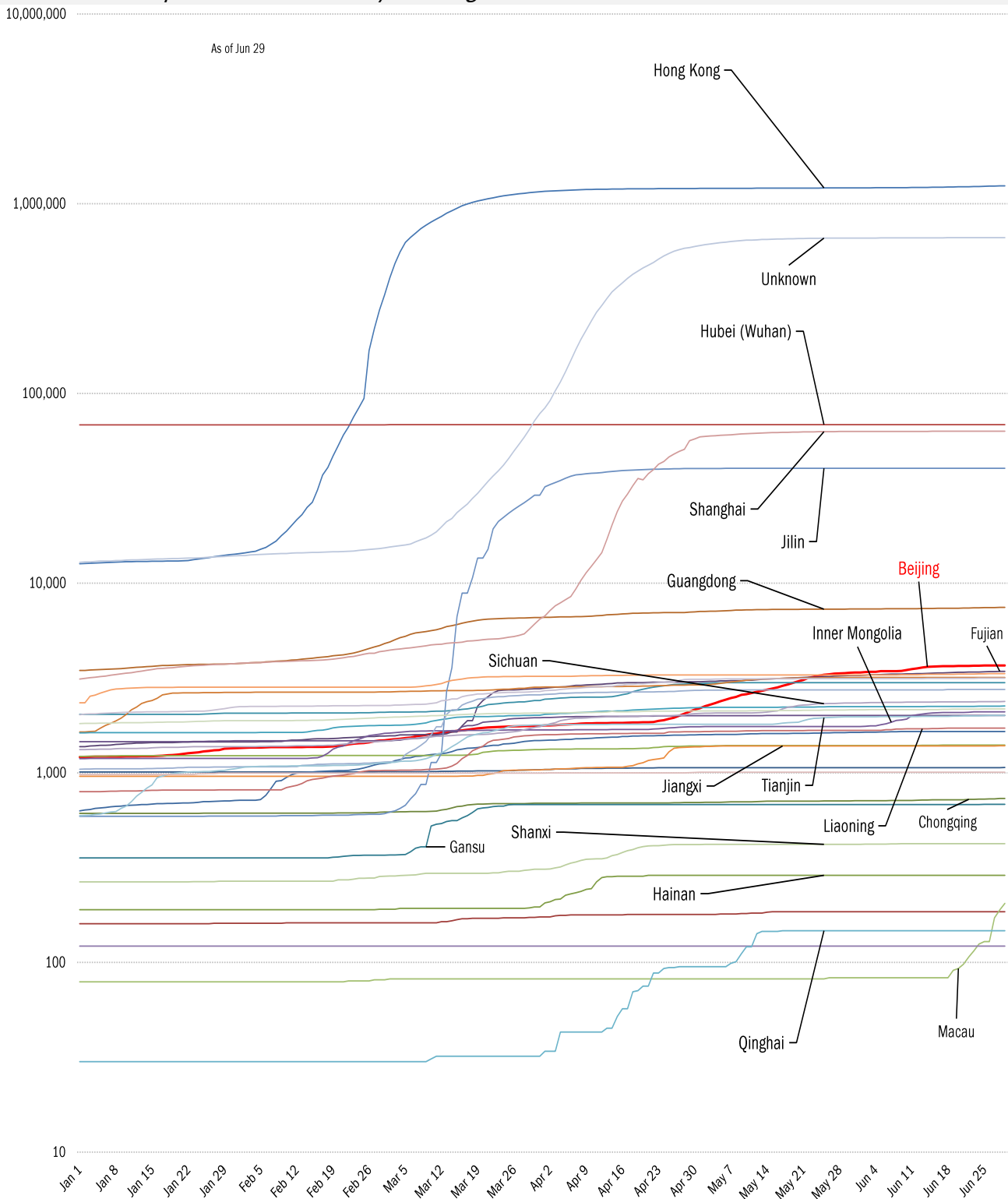
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CA	-43,868	MI	-174	PA	-59	AL	+10 bp
MI	-14,353	CA	-48	TX	-59	LA	+10 bp
SC	-11,014	SC	-26	IL	-58	AR	+10 bp
MD	-2,215	VA	-24	CH	-54	TN	+10 bp
MN	-2,070	NY	-21	MO	-36	IN	+10 bp



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

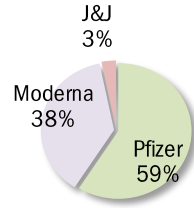
Rolling out the vaccines in the US and the world

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

France	78.4%	80.8%
Spain	86.7%	88.2%
Germany	75.5%	77.1%
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%

Global data differs due to sources, timing



State
AK
70.2%
62.9%

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

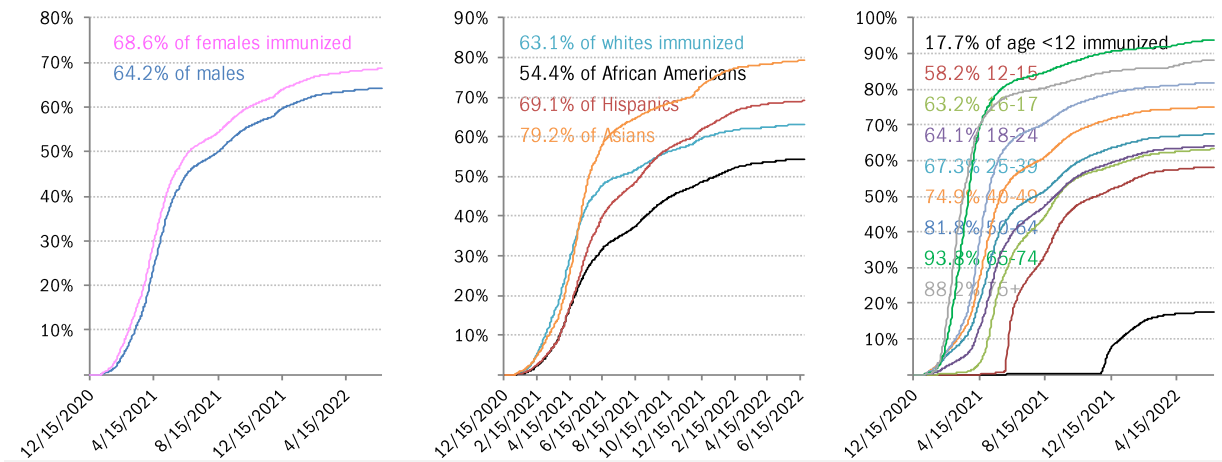
Immunity = two doses

Best
Middle
Worst

As of Jun 23

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%										
WI										
72.3%										
66.1%										
ME										
91.6%										
80.4%										
HI										
88.1%										
78.9%										
FL										
80.0%										
67.6%										
PR										
95.0%										
83.6%										

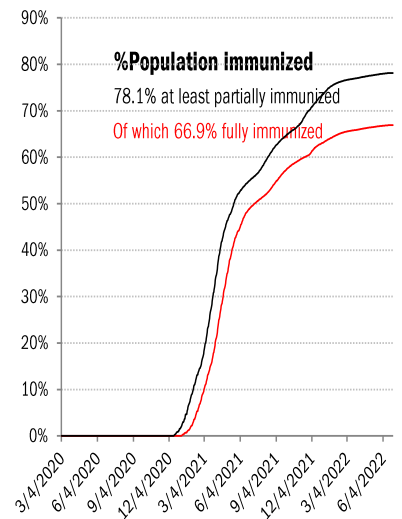
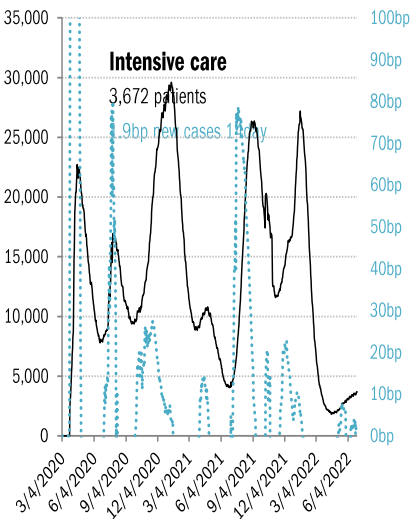
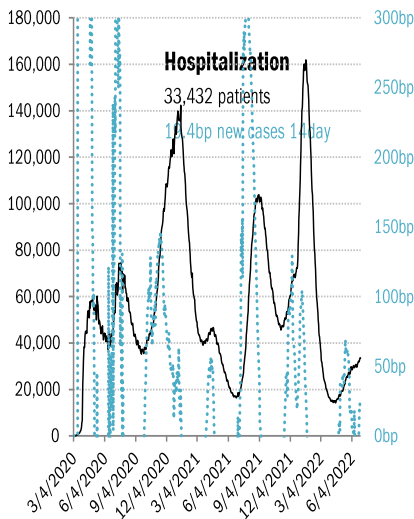
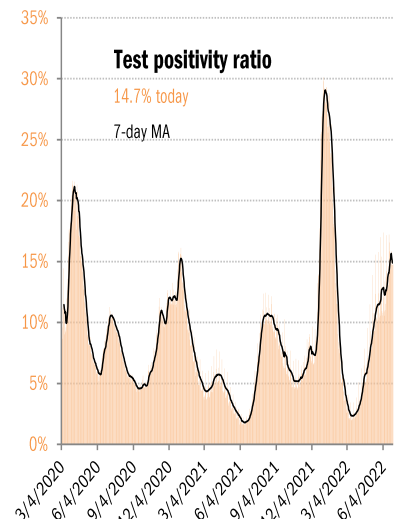
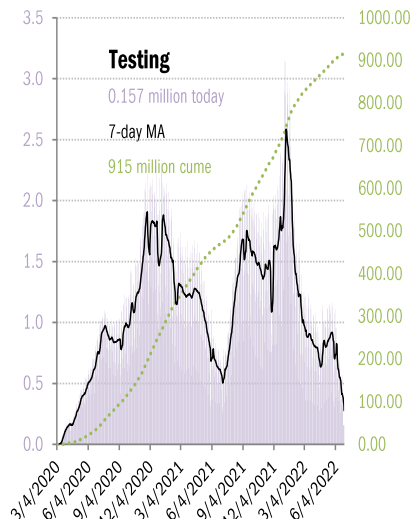
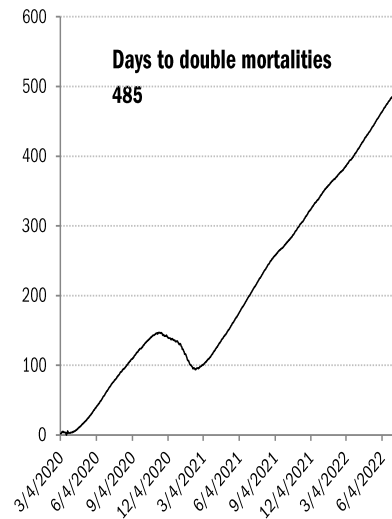
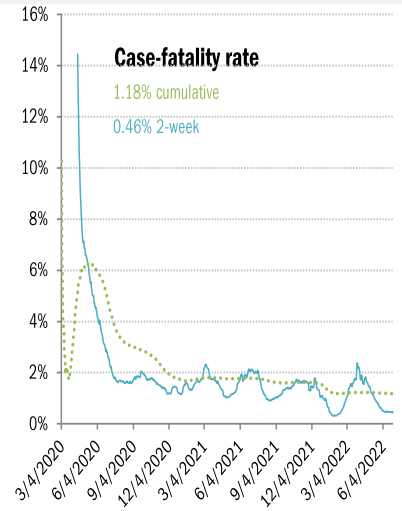
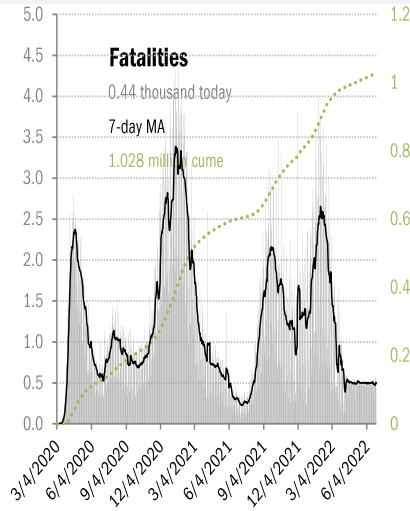
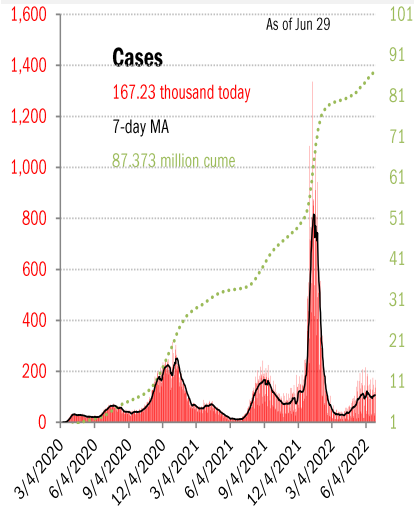
The demographics of US vaccination



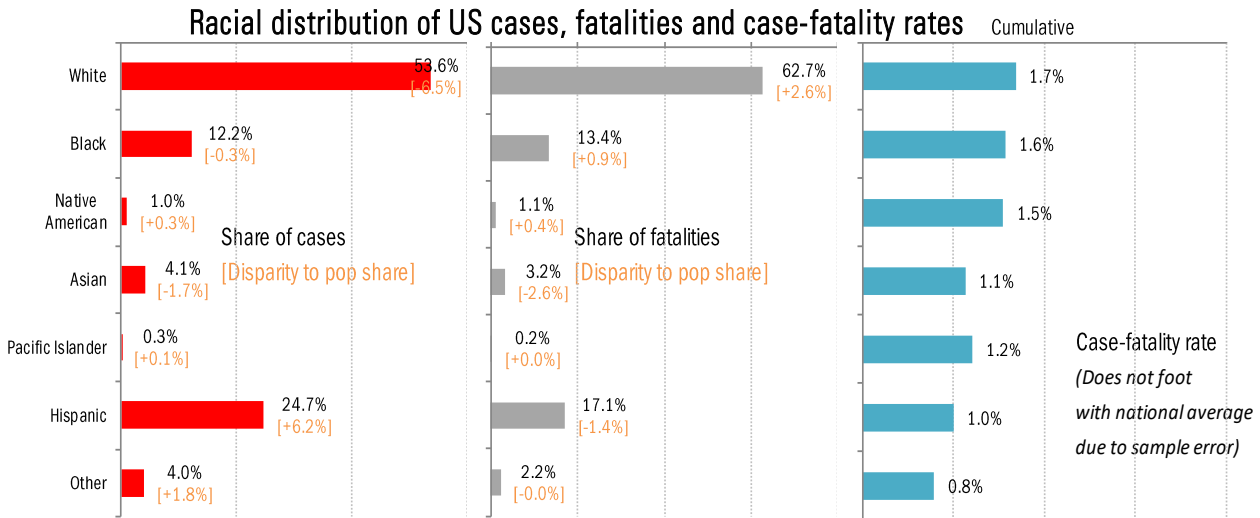
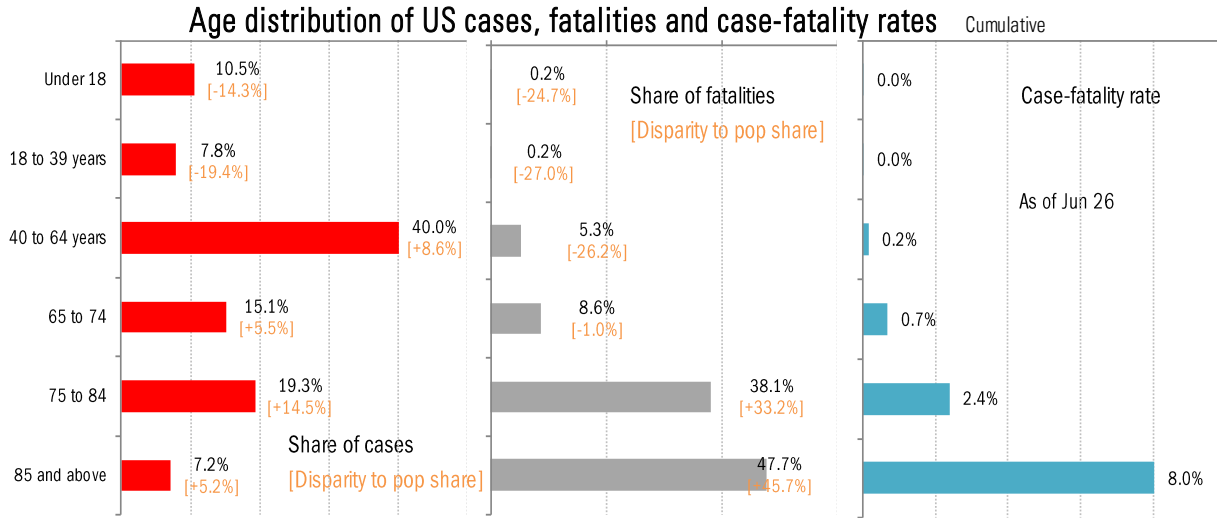
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

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

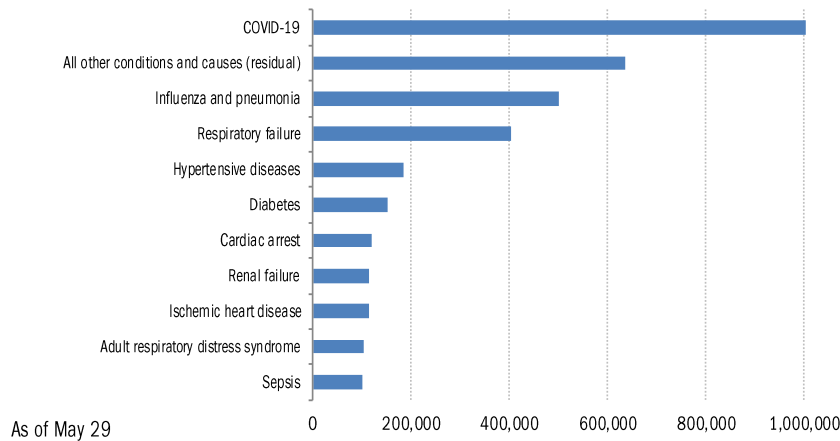


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



Comorbidities

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

Comorbidity data has been paused for the month of June by the CDC while making "system upgrades."

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

Recommended reading

[The case for the lab-leak theory](#)

Matt Ridley
Spiked
June 27, 2022

[Sen. Cruz Slams PBS, HBO for Using Elmo to Push COVID Vaccines to Those Under 5](#)

Solange Reyner
Newsmax
June 29, 2022

[U.S. Supply of Effective Covid Antibody Drug Dwindling](#)

Stephanie Armour and Liz Essley Whyte
Wall Street Journal
June 29, 2022

[Fauci Suffers Covid Symptom Rebound After Course of Pfizer's Paxlovid](#)

Riley Griffin
Bloomberg
June 29, 2022

[How COVID has deepened inequality — in six stark graphics](#)

Saima May Sidik
Nature
June 22, 2022

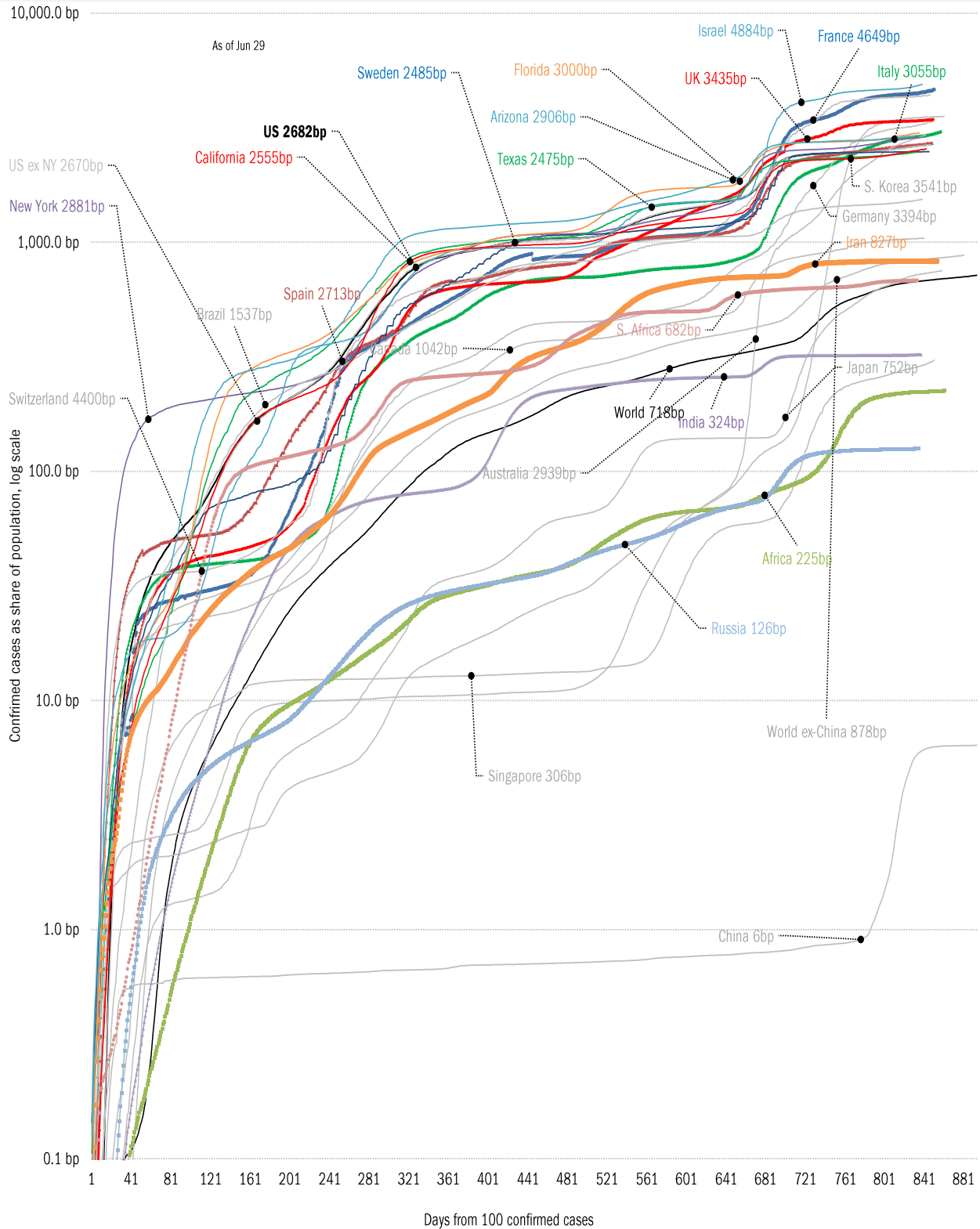
Meme of the day



Elmo Dies Of Myocarditis After Receiving COVID Vaccine

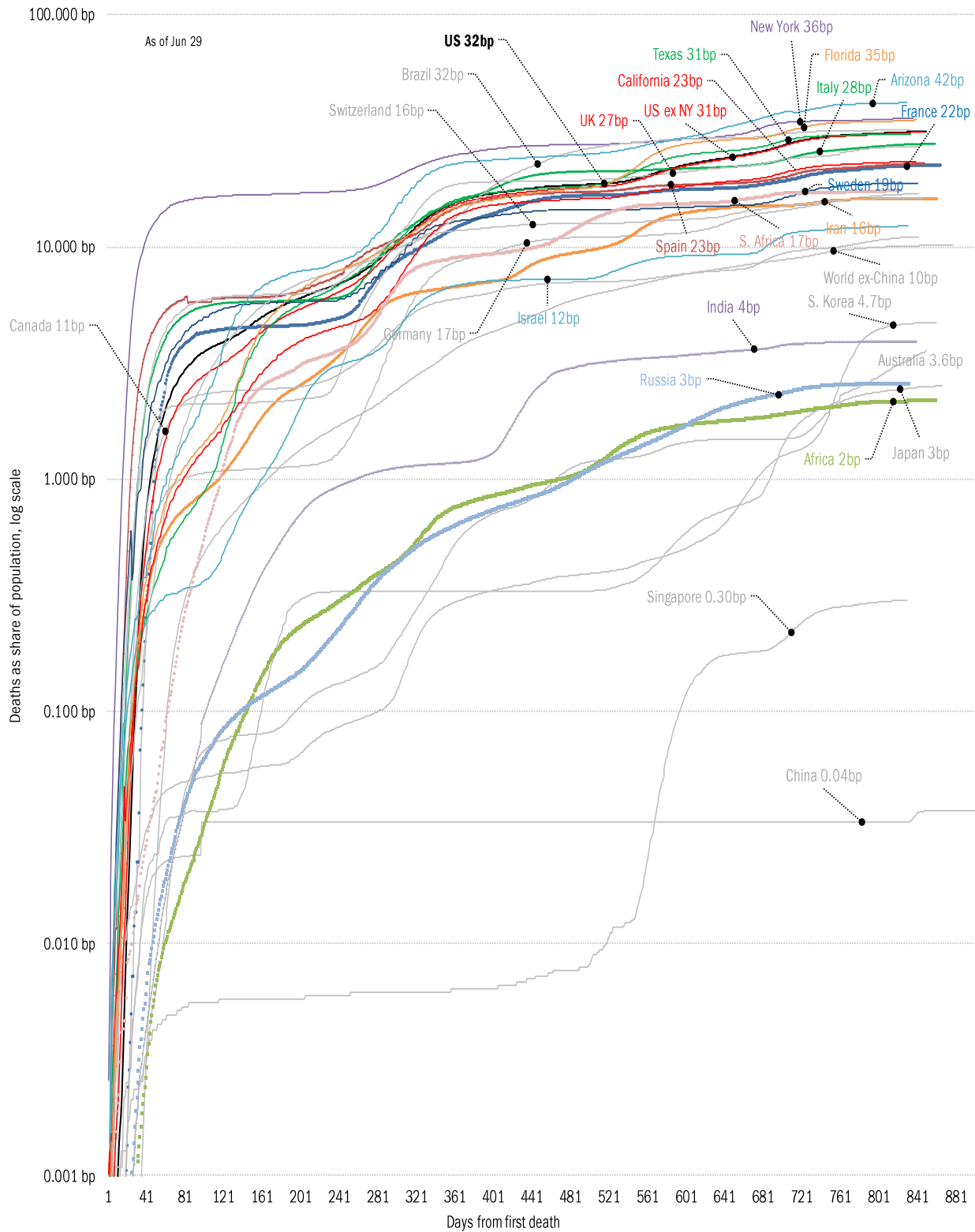
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

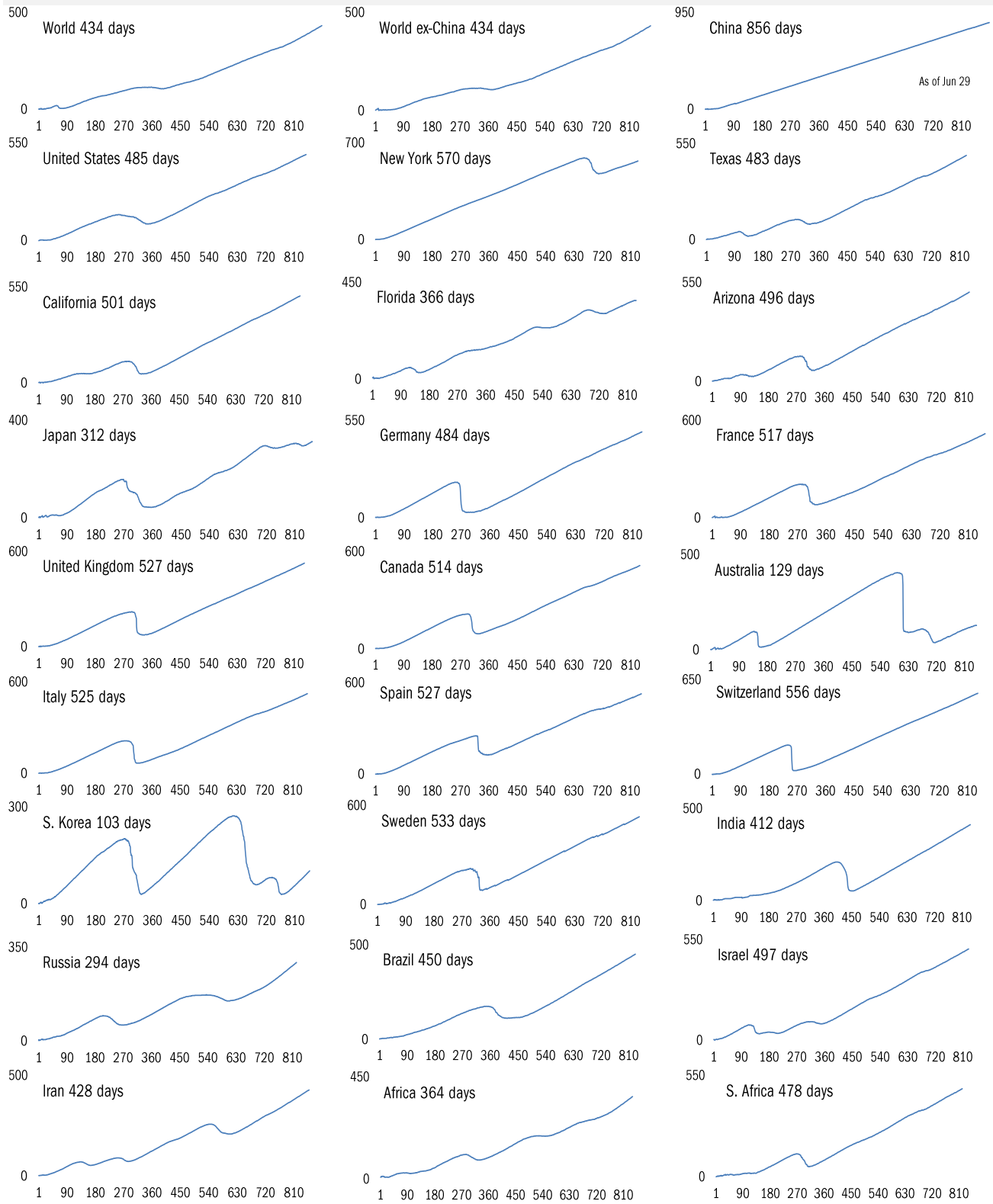


Source: [Johns Hopkins](#), TrendMacro calculations

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

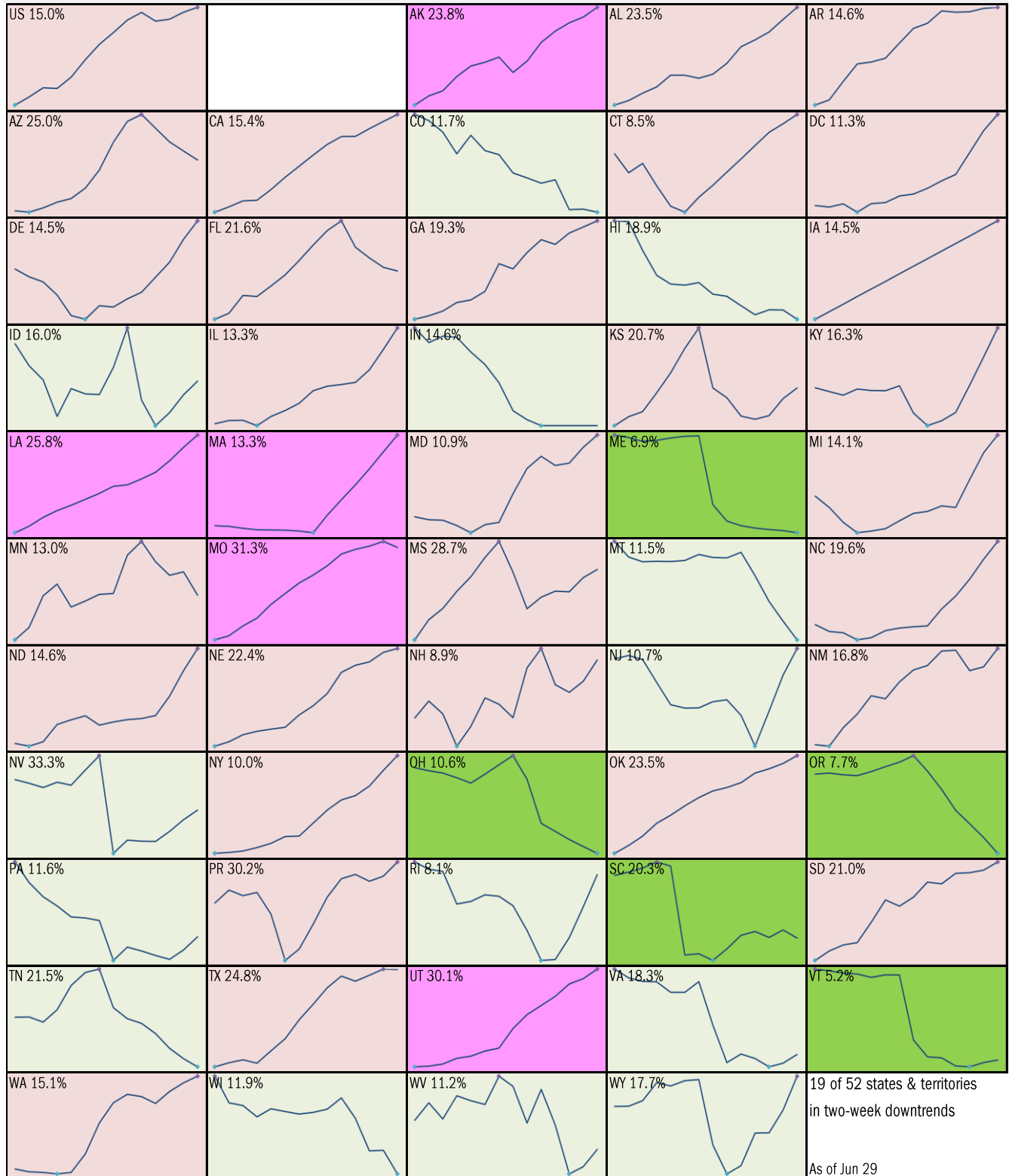


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

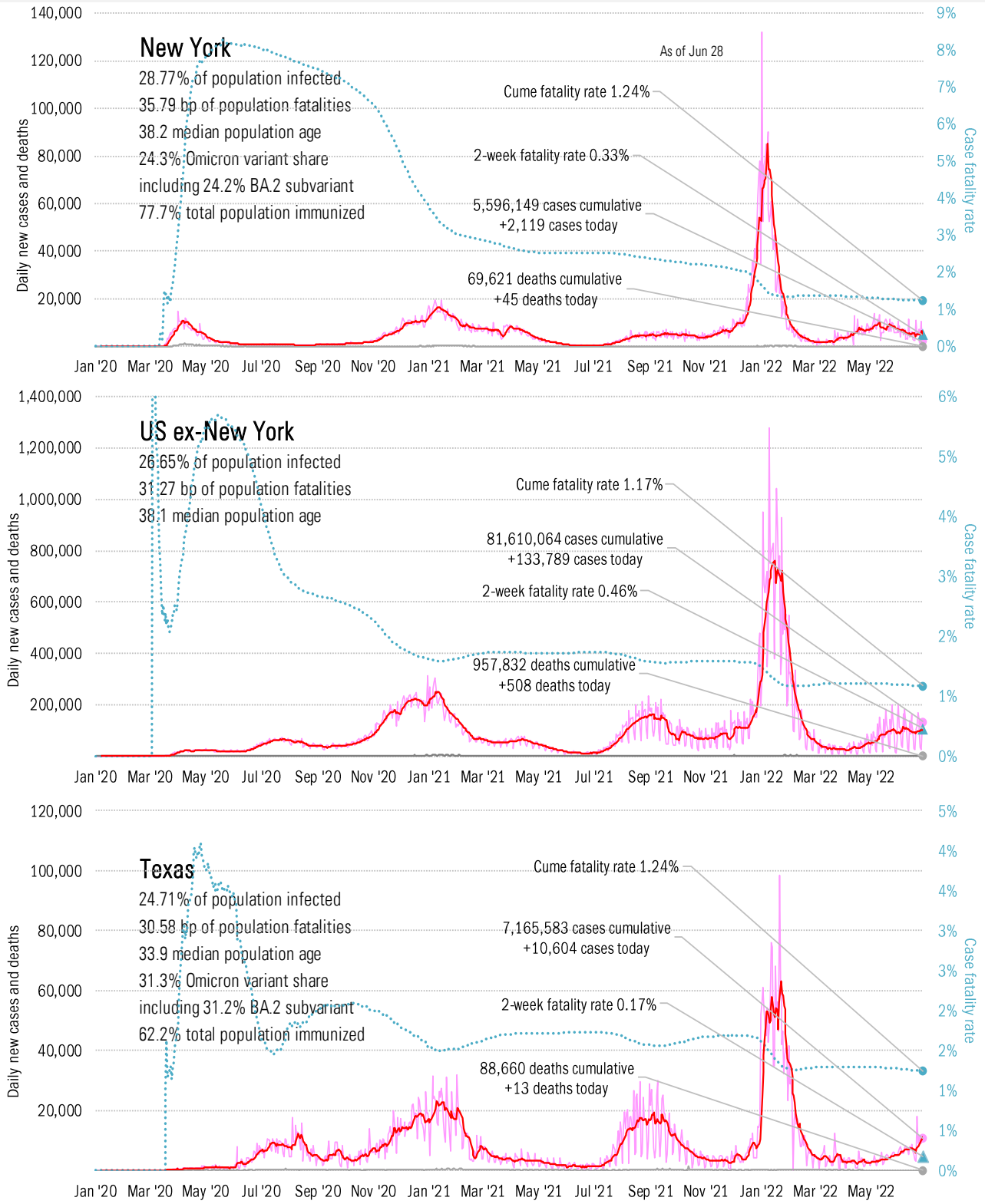
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

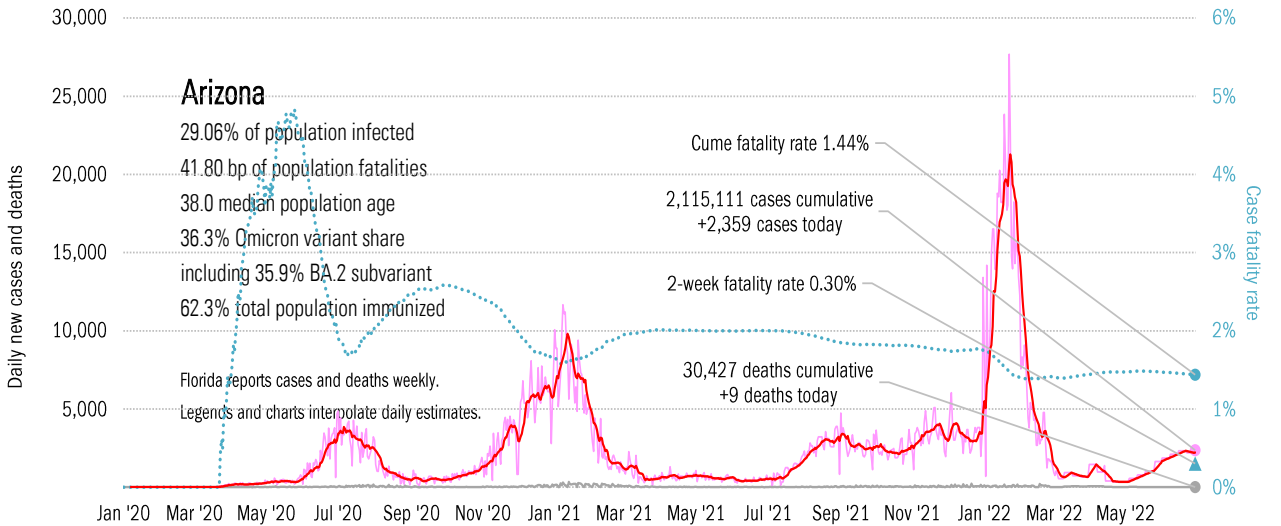
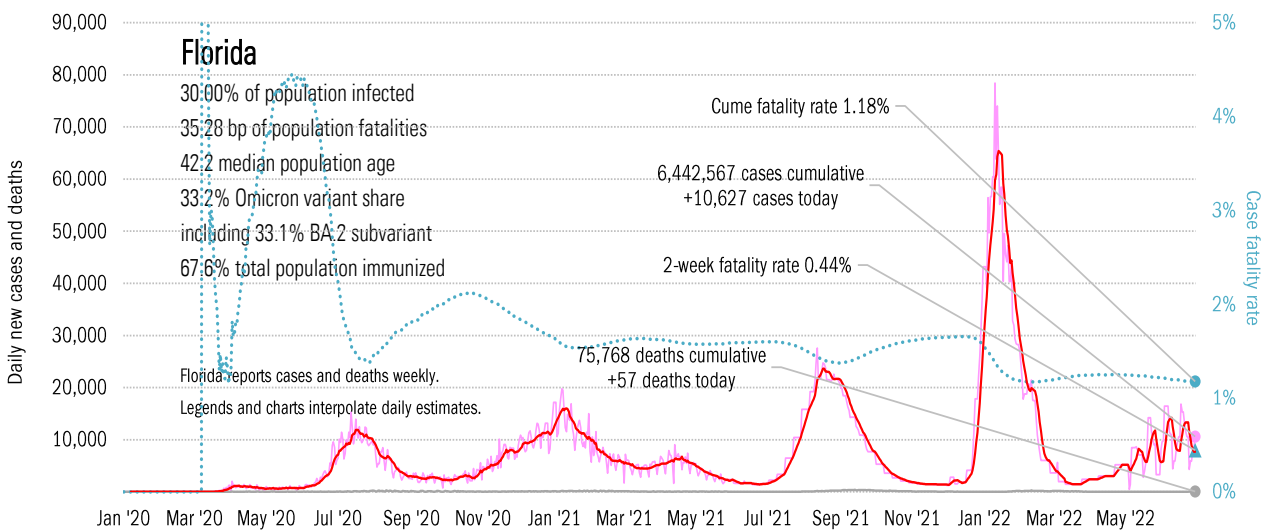
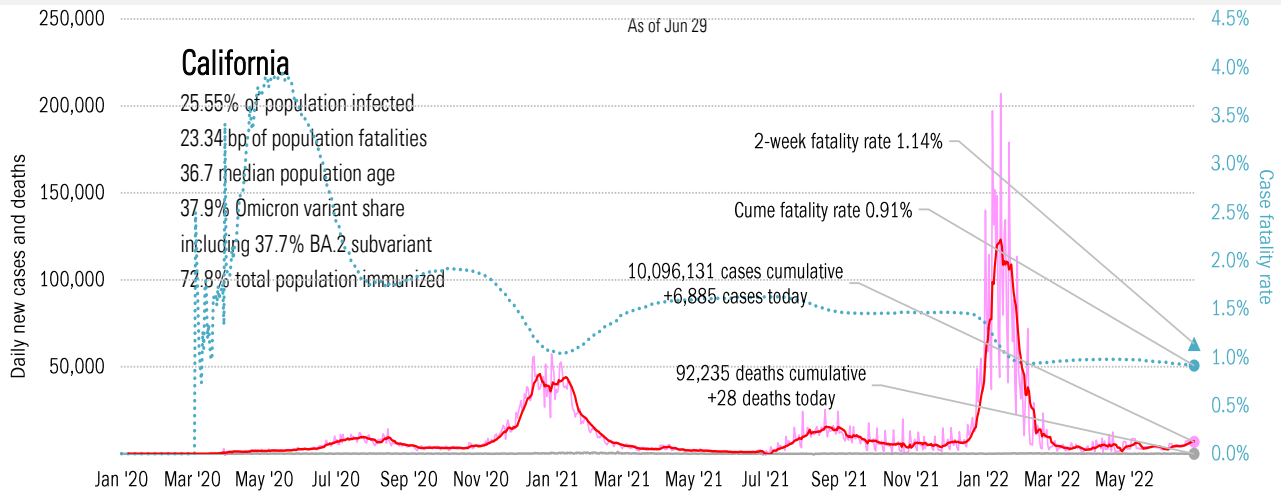
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

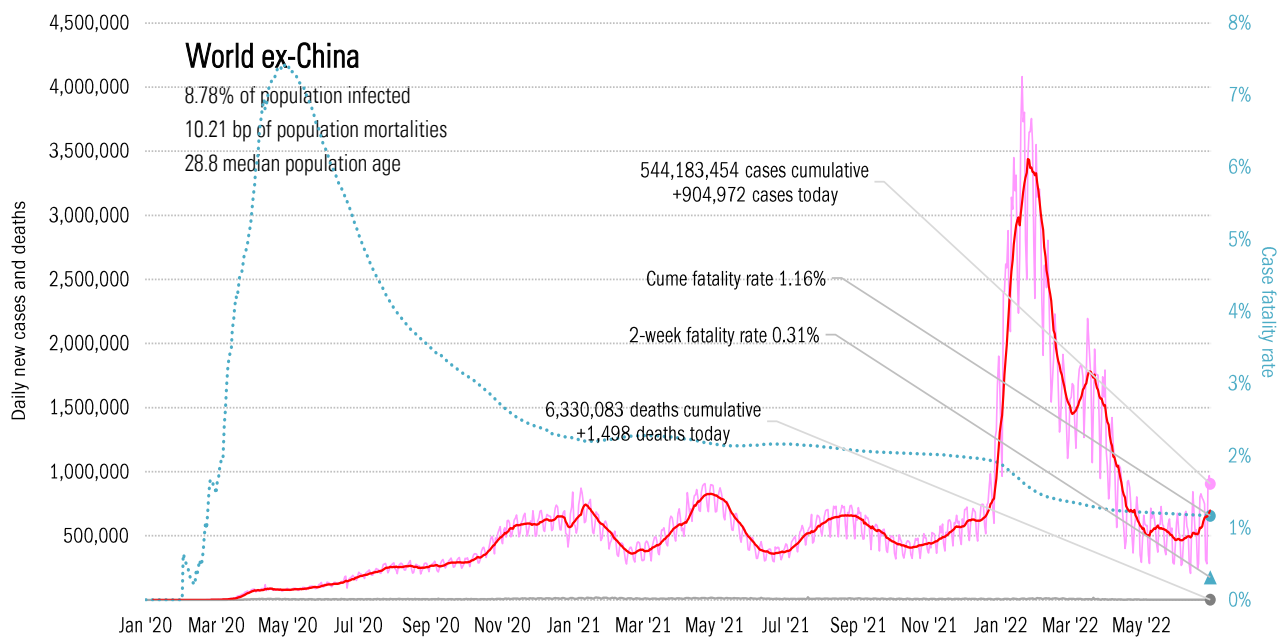
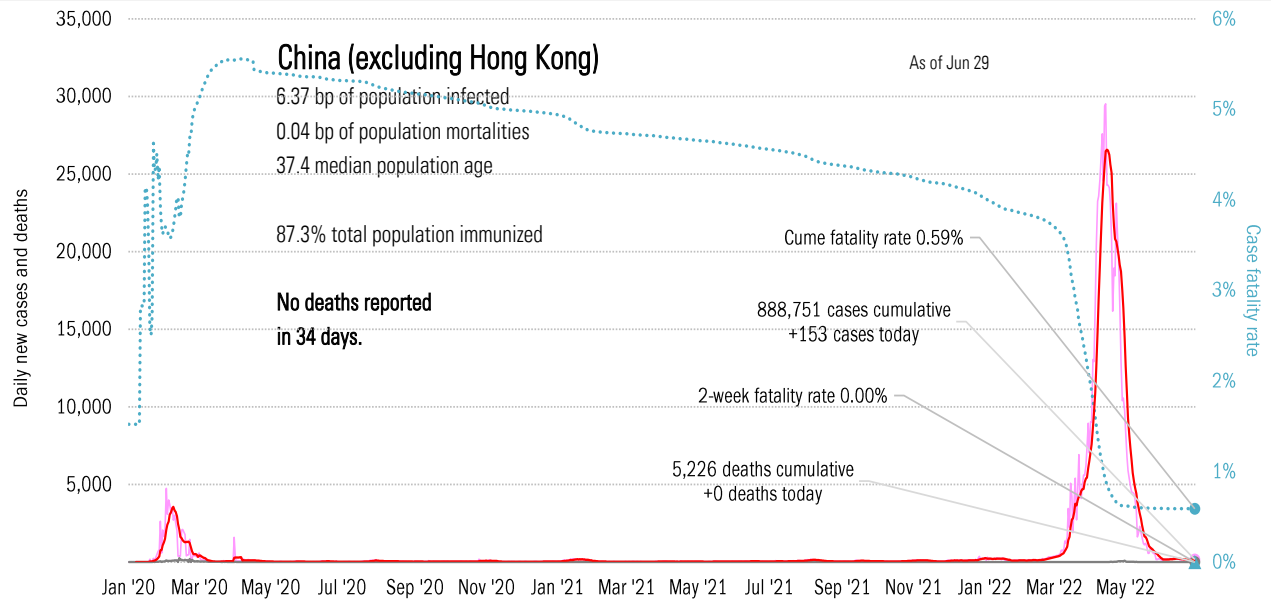
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

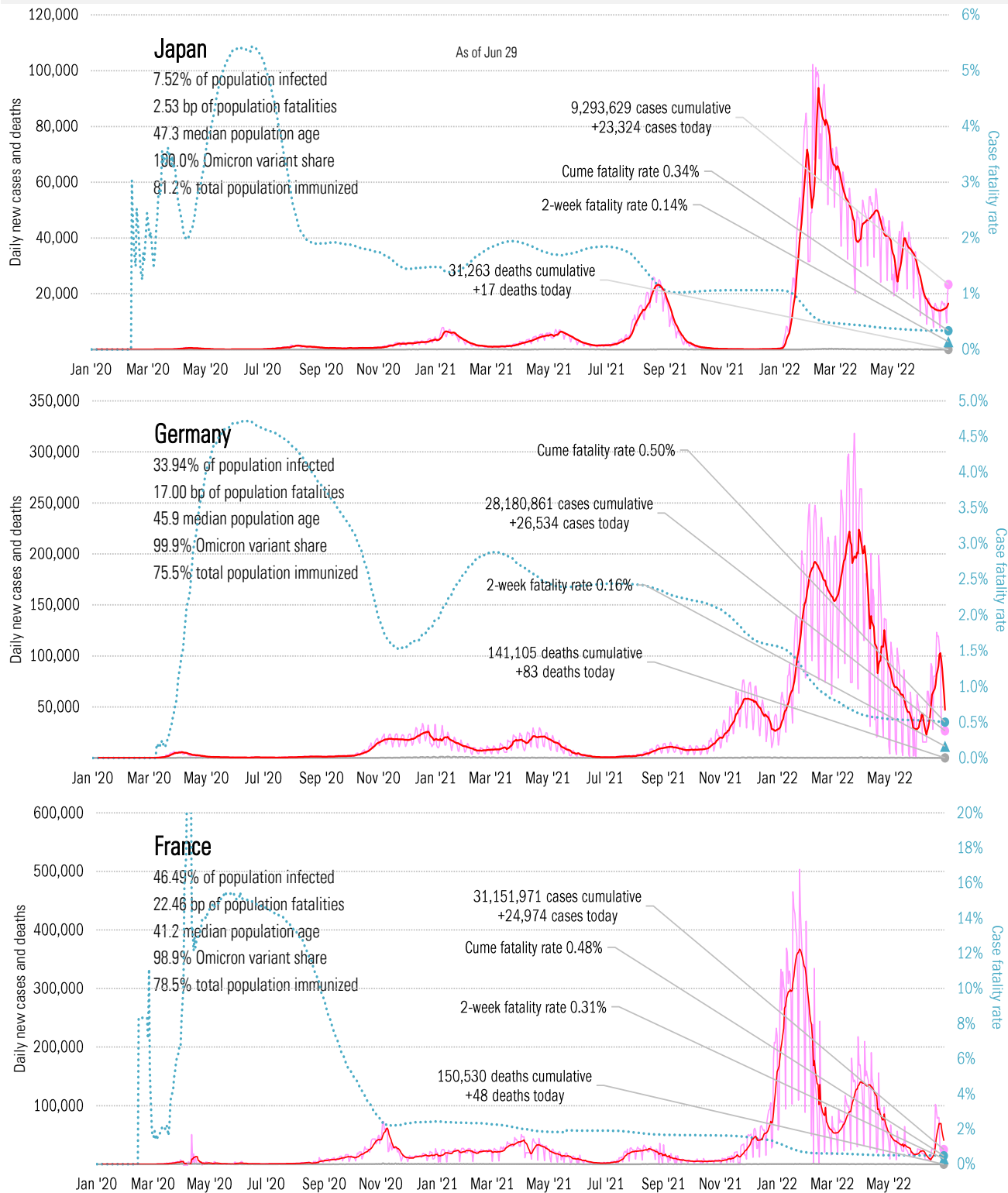
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

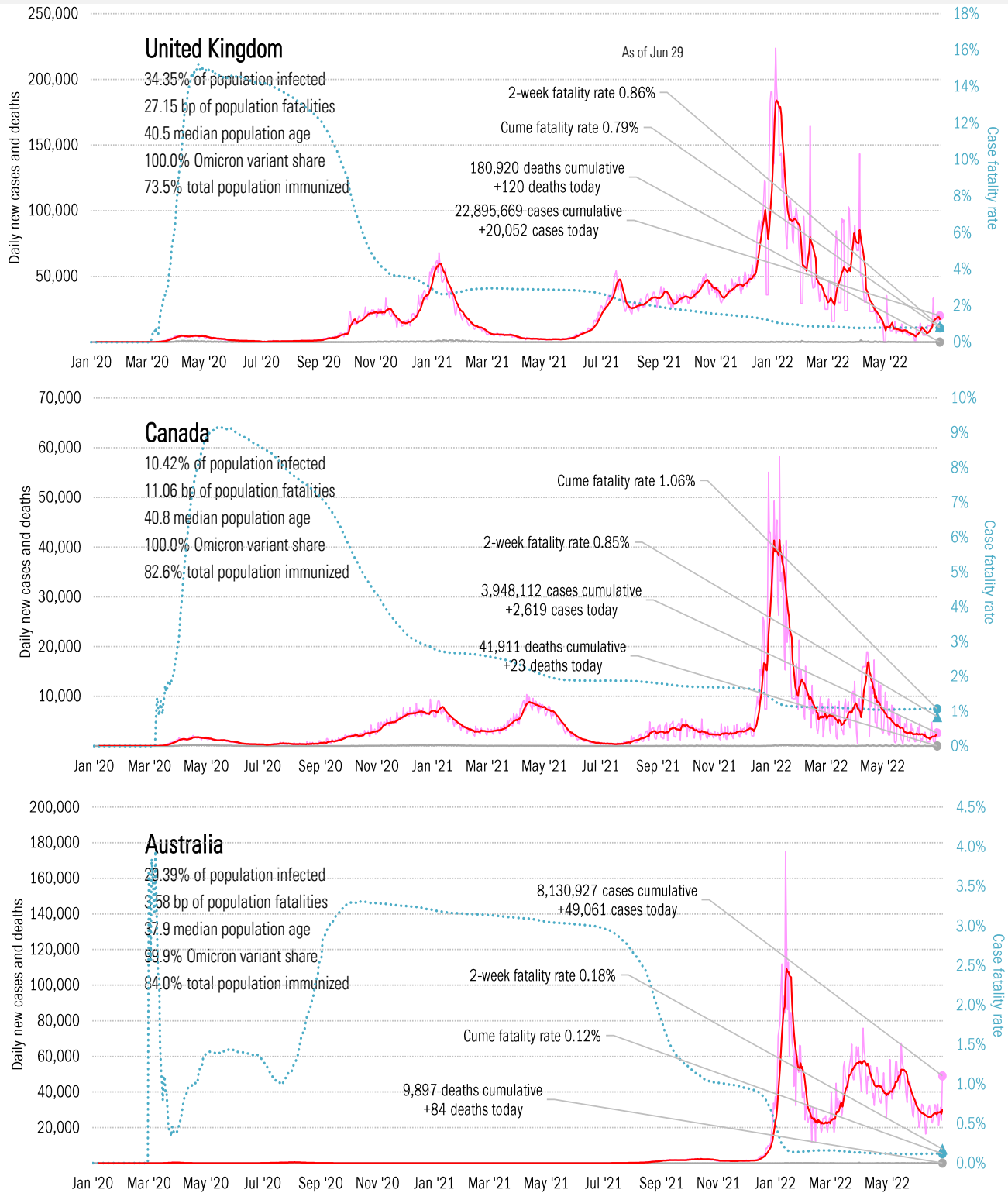
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

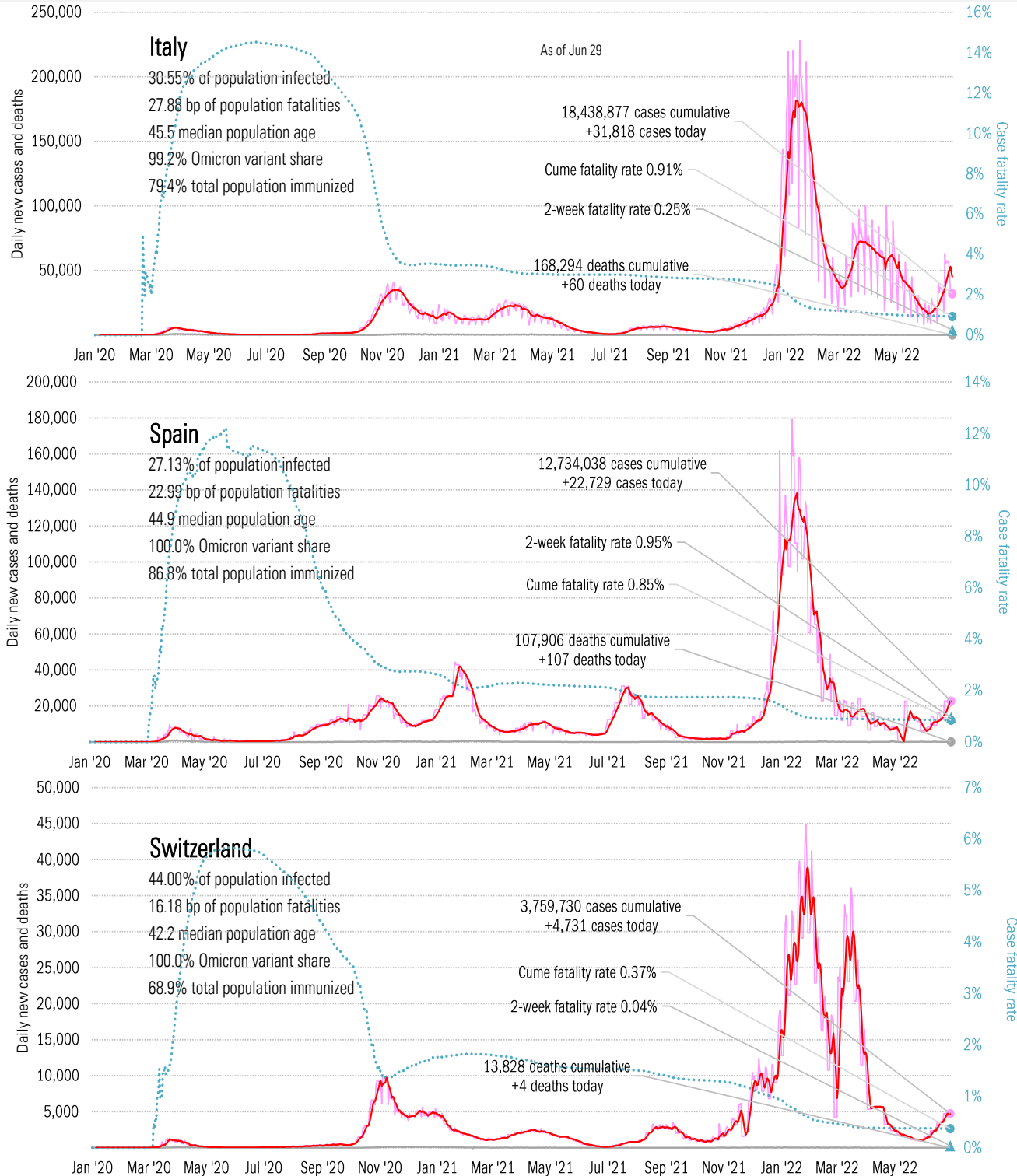
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

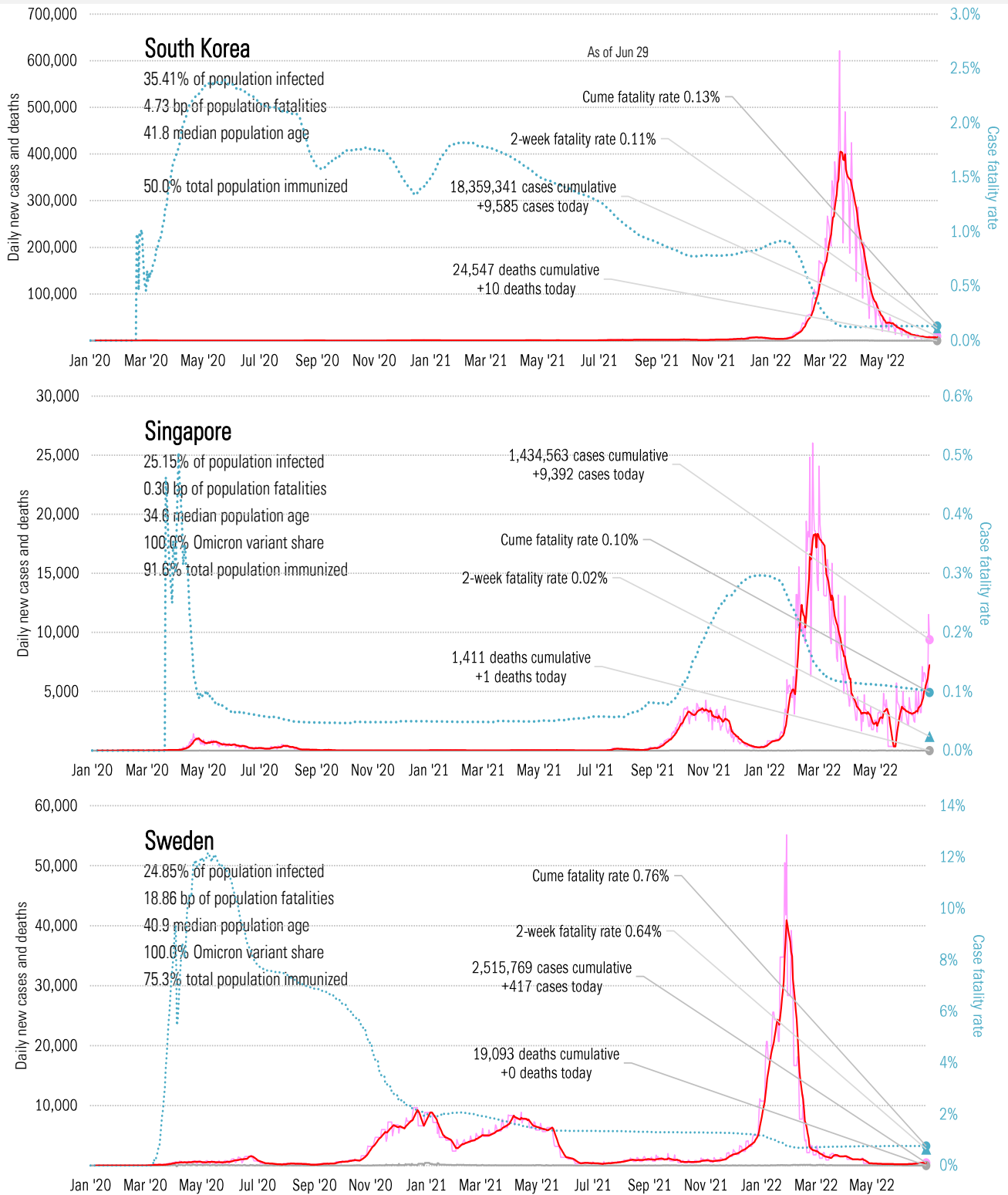
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

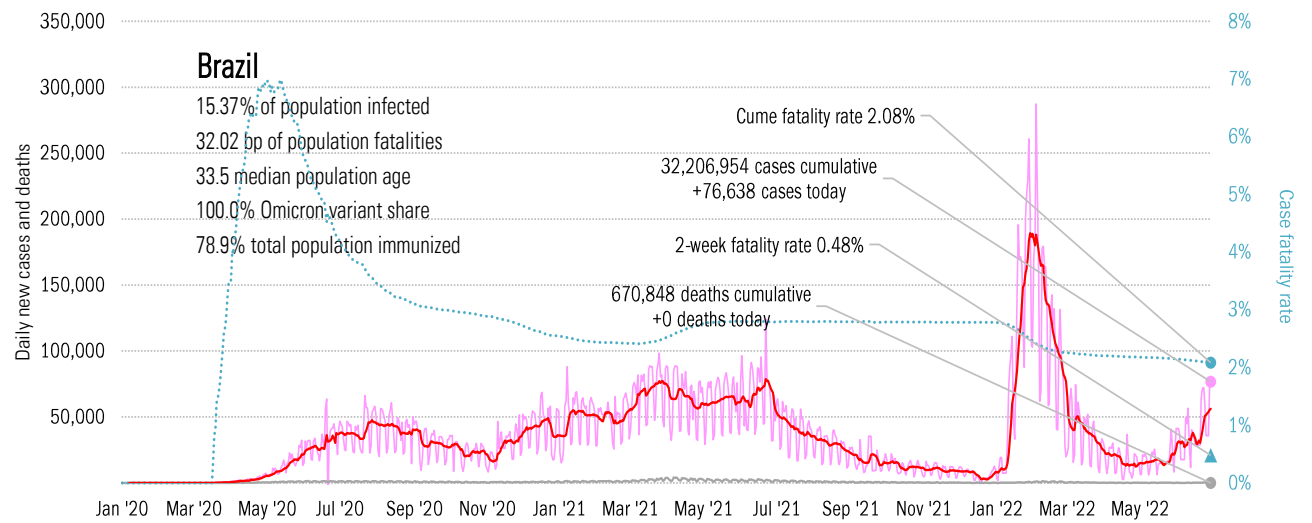
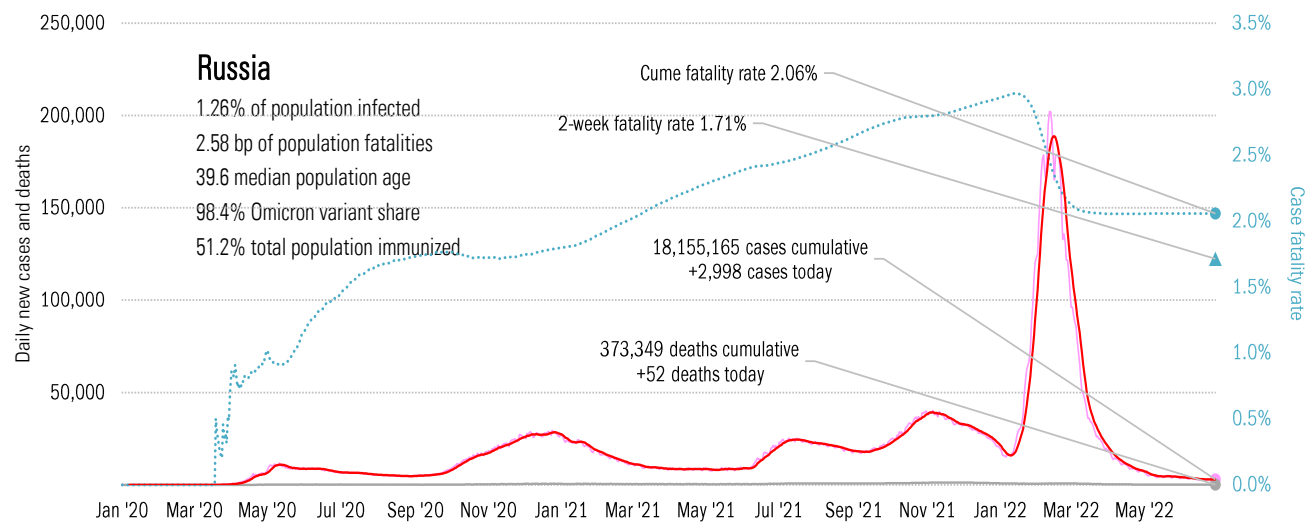
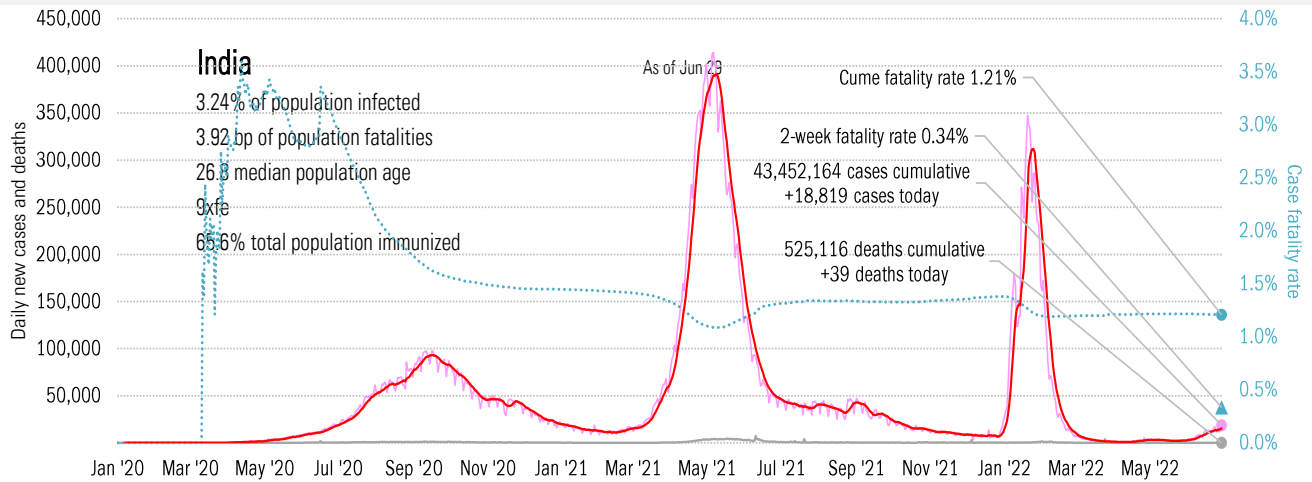
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

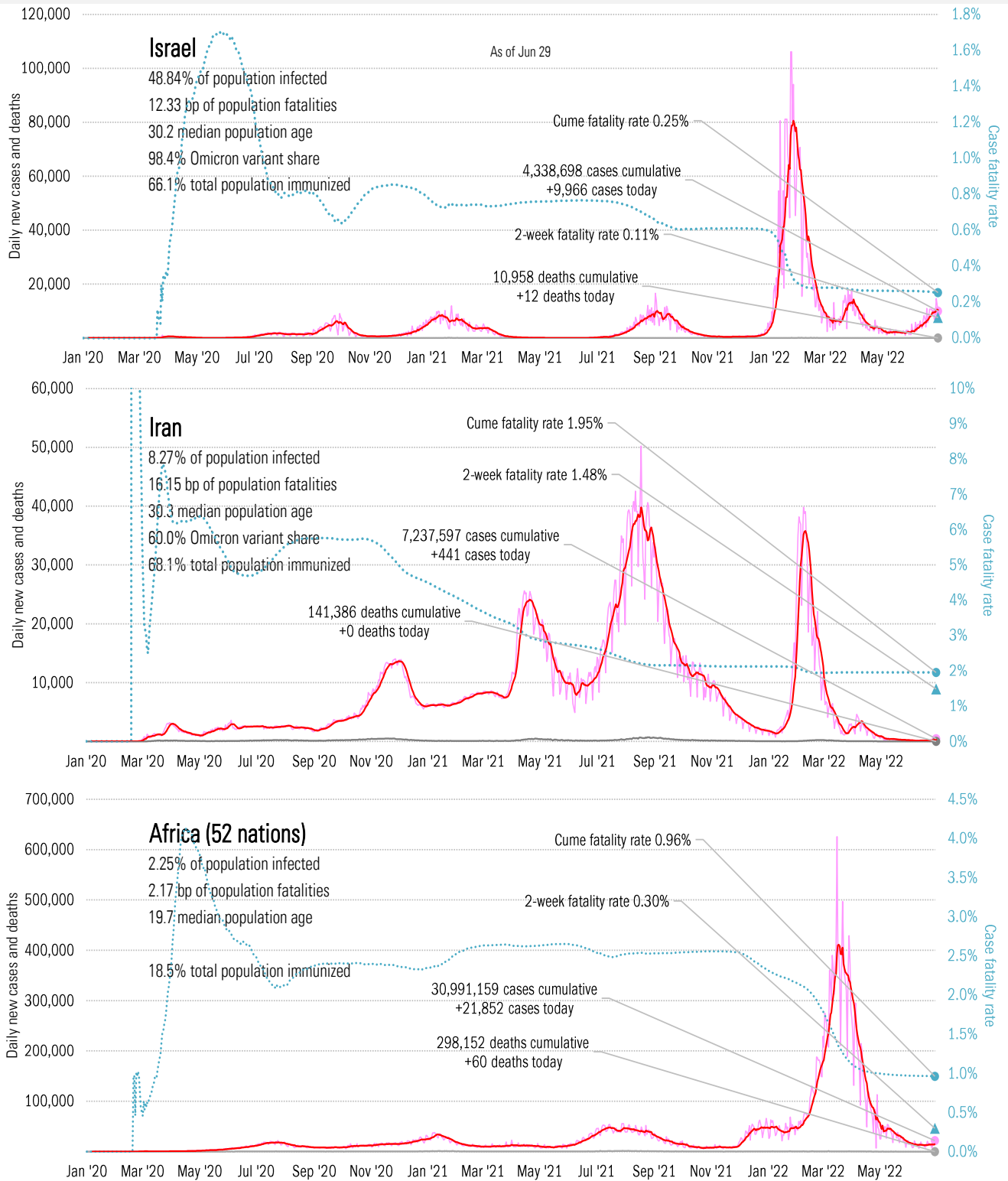
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

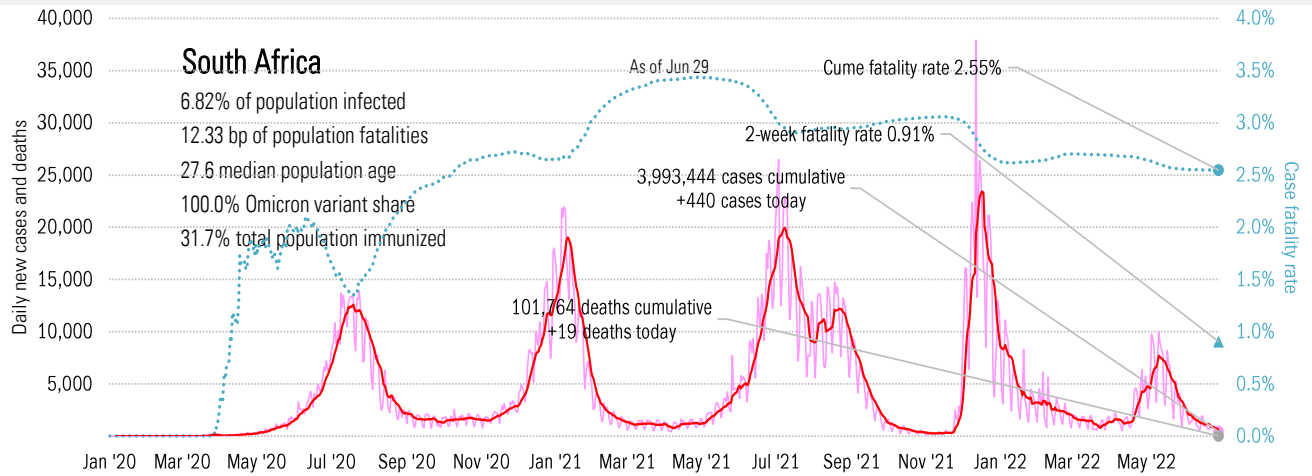
Cases: **7-day average** and **daily** Deaths: **Daily**



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

Impact in Africa, continued

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



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