

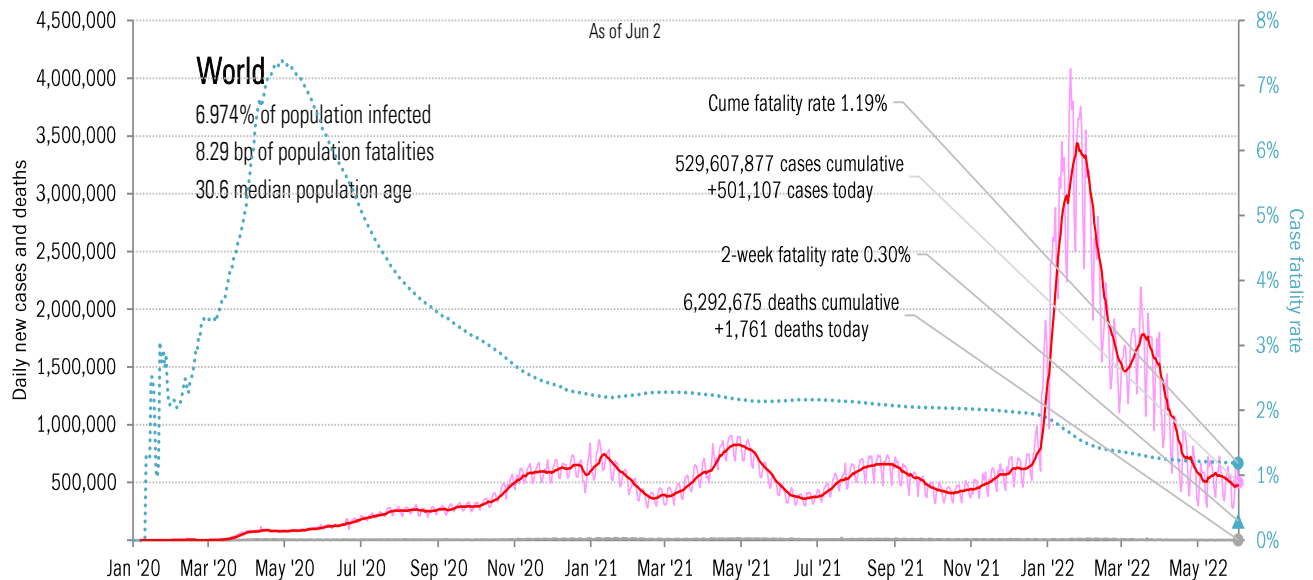
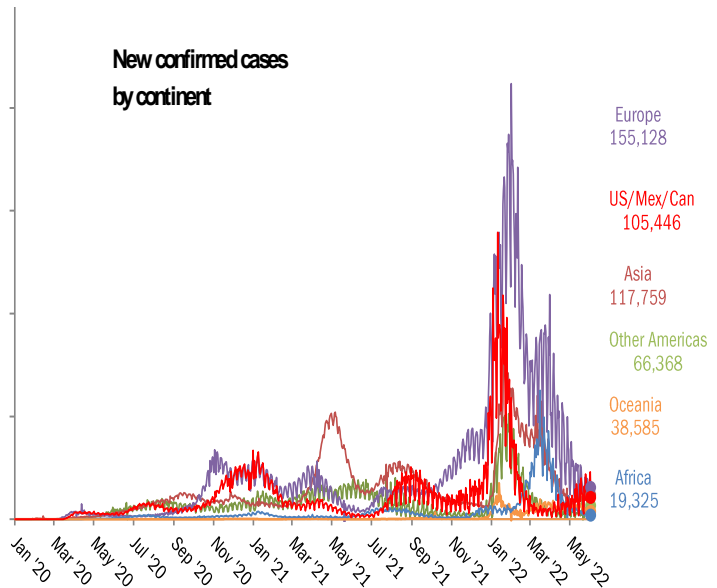
Data Insights: Covid-2019 Monitor

Friday, June 3, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
United States	98,981	United States	496
Taiwan*	76,930	Taiwan*	144
Germany	42,693	Canada	136
Brazil	41,273	Brazil	129
Australia	31,897	Finland	105
Portugal	31,894	Germany	91
France	25,376	Russia	82
Japan	20,086	Italy	79
Italy	17,718	Australia	61
Finland	13,018	France	41
399,866		1,364	
World	501,107	World	1,761
Top ten	80%	Top ten	77%



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

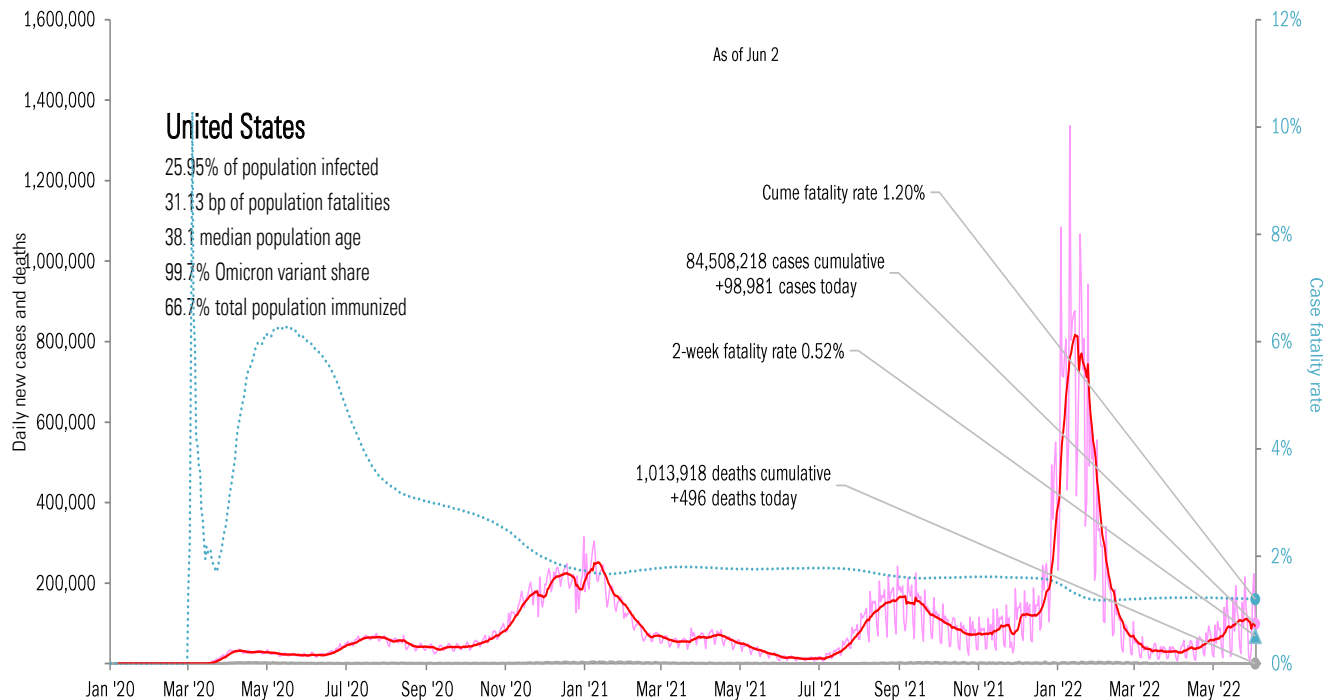
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CH	17,530		CA	39		FL	505		CA	9,623,913		CA	91,427		TX	494,830		RI	91%	DE	91%
FL	9,837		CK	37		CA	419		TX	6,959,537		TX	88,374		CA	435,979		MA	86%	RI	85%
TX	7,307		NY	33		TX	197		FL	6,151,234		FL	74,686		FL	427,231		MN	85%	NM	82%
IL	6,399		CH	29		GA	109		NY	5,454,419		NY	69,076		NY	263,207		PA	84%	TX	80%
NY	5,970		MA	23		IN	96		IL	3,313,162		PA	45,254		GA	209,701		WA	84%	WA	80%
UT	5,728		FL	22		NJ	169		PA	2,932,186		CH	38,657		CH	195,796		NH	84%	AL	80%
CA	4,963		WI	17		MI	158		CH	2,780,653		GA	38,242		PA	182,587		GA	83%	MI	80%
MN	4,812		NJ	15		IL	208		NC	2,772,730		IL	38,171		IL	163,569		MI	82%	NH	79%
NJ	4,735		MN	11		NV	54		GA	2,571,104		MI	36,407		MI	146,970		DE	82%	NC	78%
FR	3,210		IL	10		AL	43		MI	2,547,366		NJ	33,742		KY	134,334		MD	81%	DC	78%
70,491			236			1,958			45,106,304			554,036			2,654,204						
All states	98,981		496			4,228			All states	84,508,218		1,013,918			4,819,726			All states	70%	67%	
Top ten	71%		48%			46%			Top ten	53%		55%			55%			Median	75%	72%	

Some states not reporting

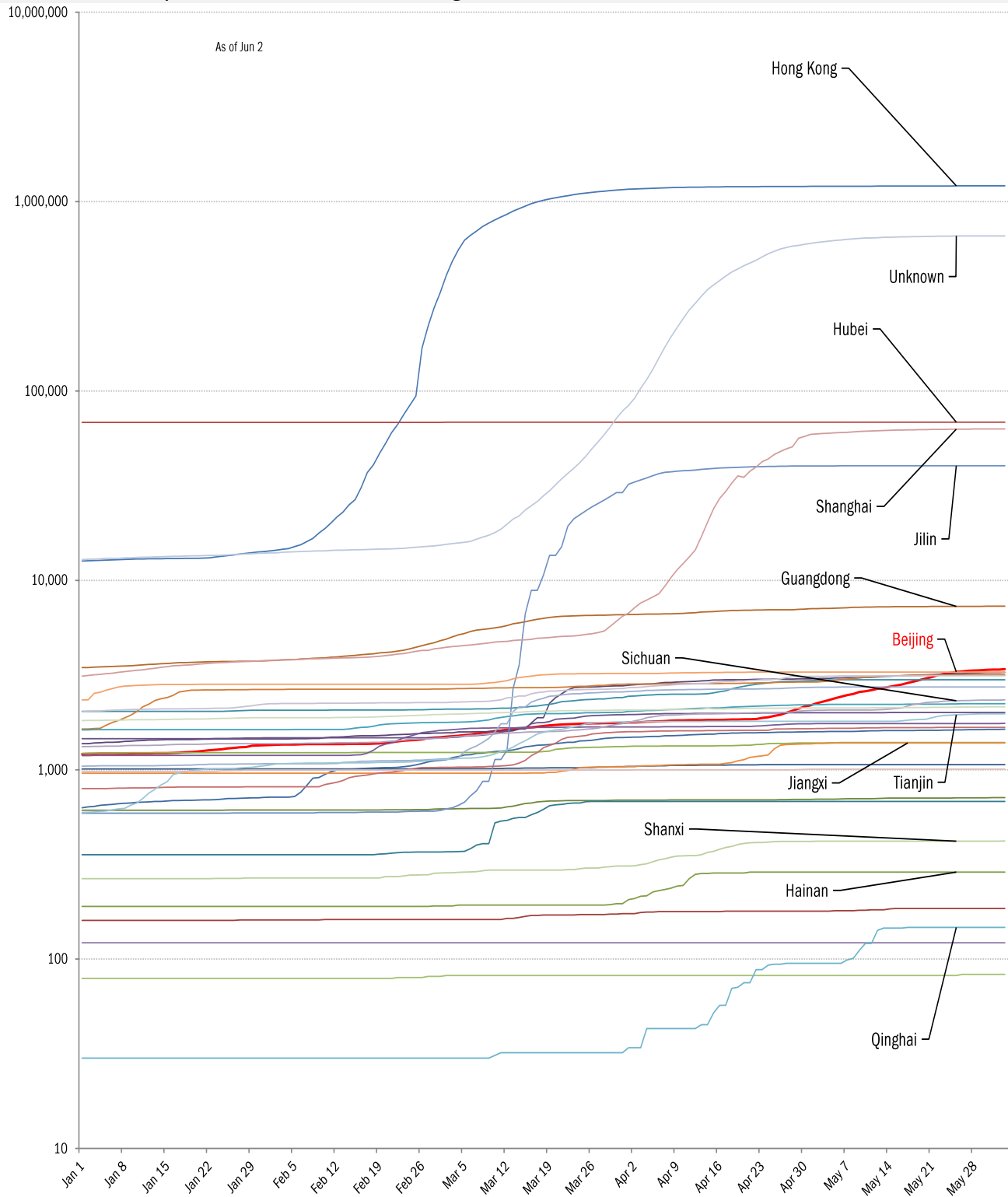
Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NC	-27,795	PA	-107	CO	-172	AR	+10 bp
PA	-24,862	TN	-96	NY	-90	CO	+10 bp
MI	-19,535	FL	-93	WA	-42	IL	+10 bp
GA	-15,060	MI	-50	PA	-37	MI	+10 bp
TN	-10,460	GA	-44	MD	-36	CK	+10 bp



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

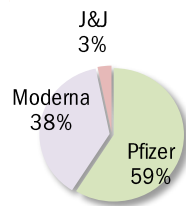
China provincial coronavirus case accelerometer... tracking the "zero Covid" curves
Cumulative reported cases in 2022, log scale: flat line indicates "zero Covid"



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

Rolling out the vaccines in the US and the world

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	603,705,358	+0.205 million	US	66.7%	77.9%
Boosters	45,047,860	+0.016 million	UK	73.2%	78.4%
	One dose	% Pop	Immune	% pop	New immune today
Total population	266,534,806	80%	227,741,082	68%	+0.029 million
Age 12 to 17	17,811,304	70%	15,257,015	60%	+0.002 million
Age 18 to 64	179,048,902	88%	152,317,274	75%	+0.015 million
Age 65 and over	59,171,194	100%	51,673,674	94%	+0.007 million



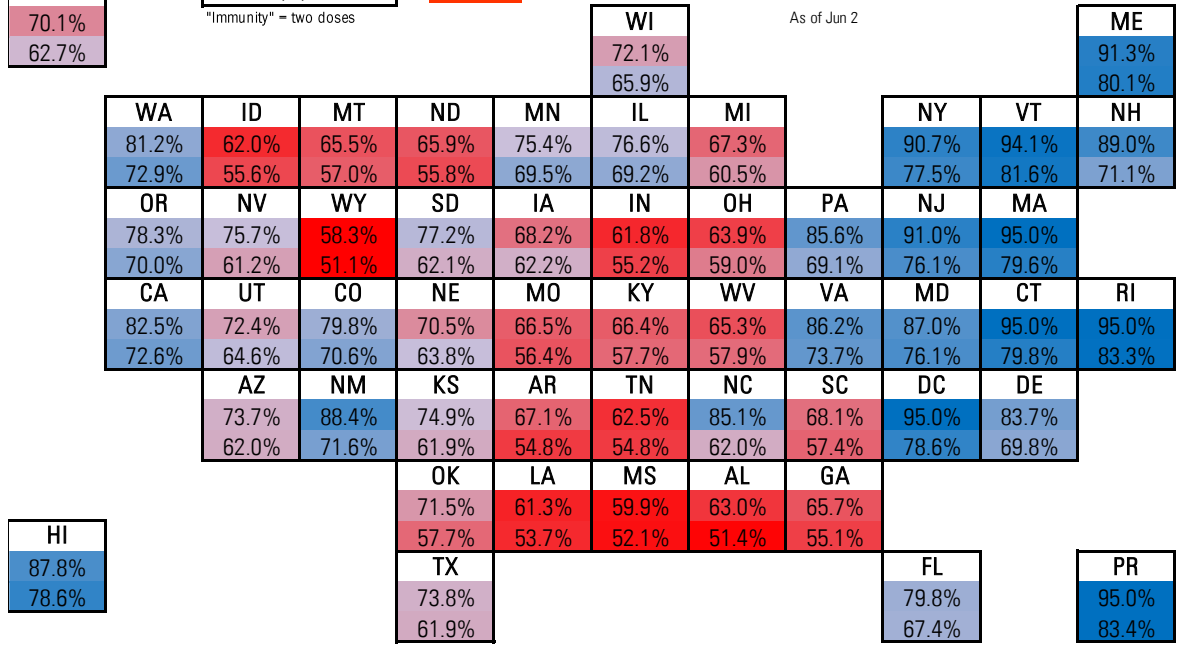
AK
70.1%
62.7%

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

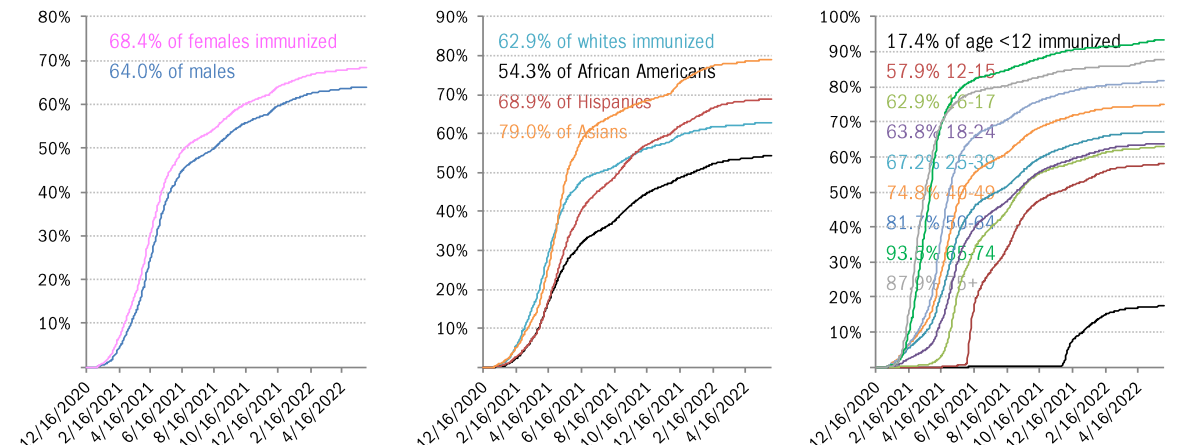


France	78.4%	80.7%
Spain	86.6%	88.2%
Germany	76.9%	76.9%
Italy	79.4%	84.1%
Australia	83.8%	86.6%
Israel	66.1%	72.2%
Canada	82.5%	86.9%
Japan	81.0%	82.2%
Africa	17.4%	22.7%
India	63.9%	72.6%
Brazil	77.7%	86.0%
China	87.0%	89.4%

Global data differs due to sources, timing



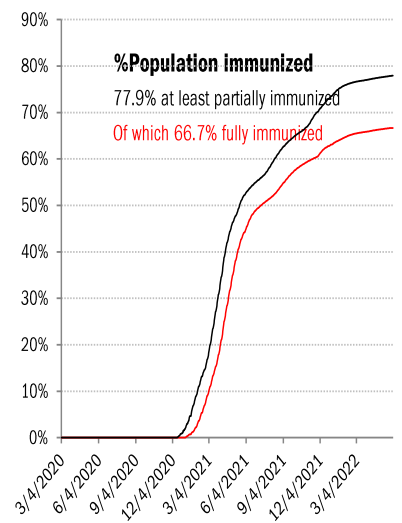
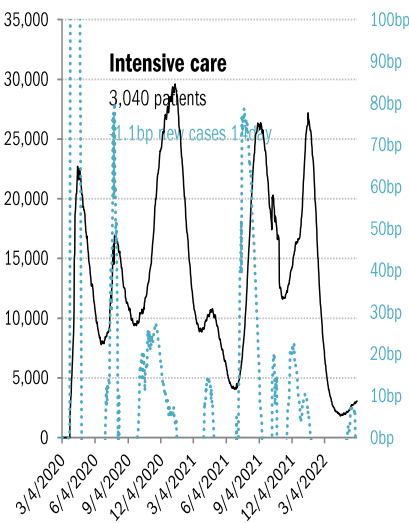
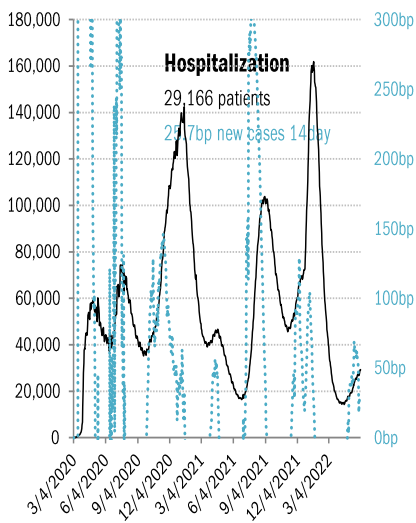
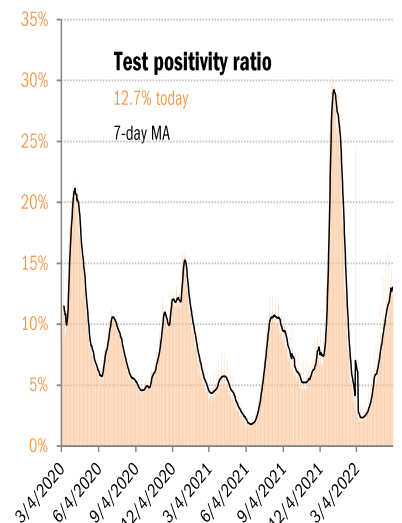
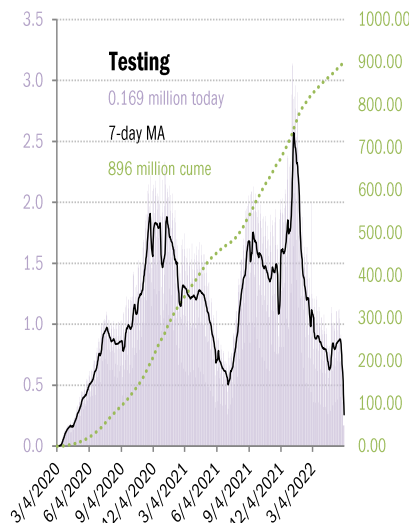
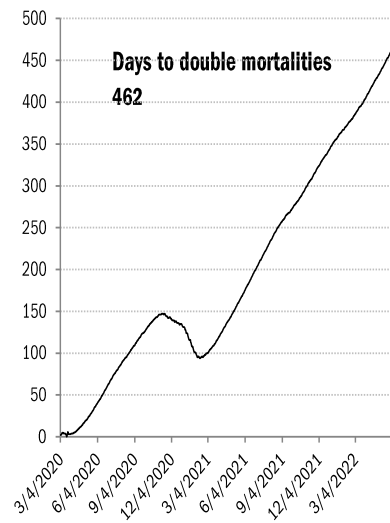
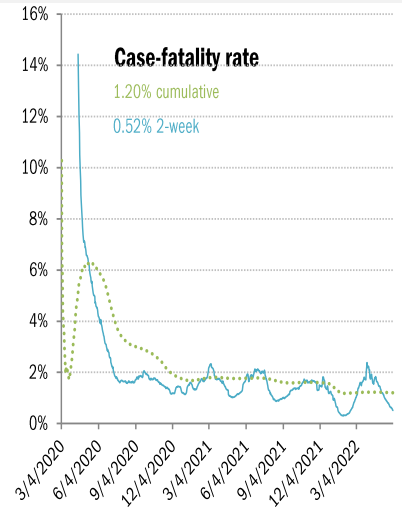
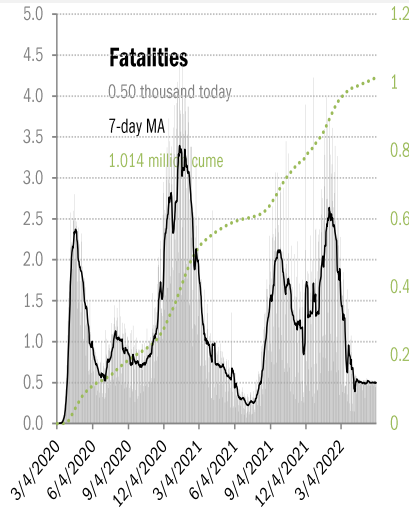
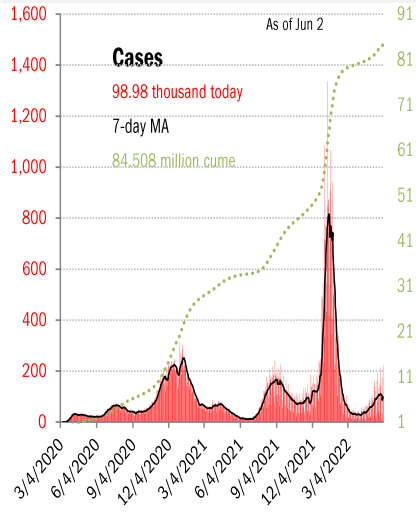
The demographics of US vaccination



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

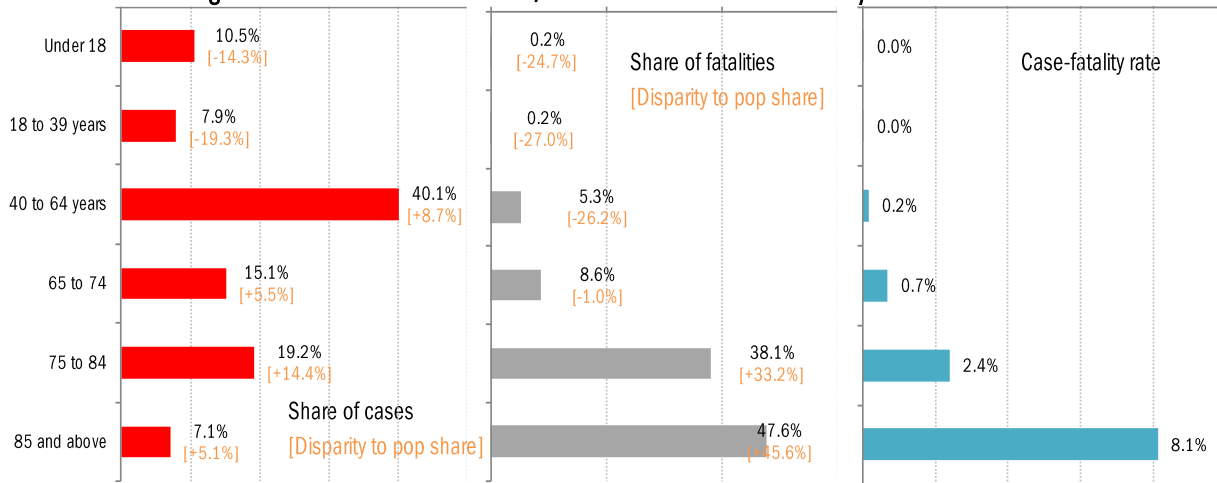
US deep-dive

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

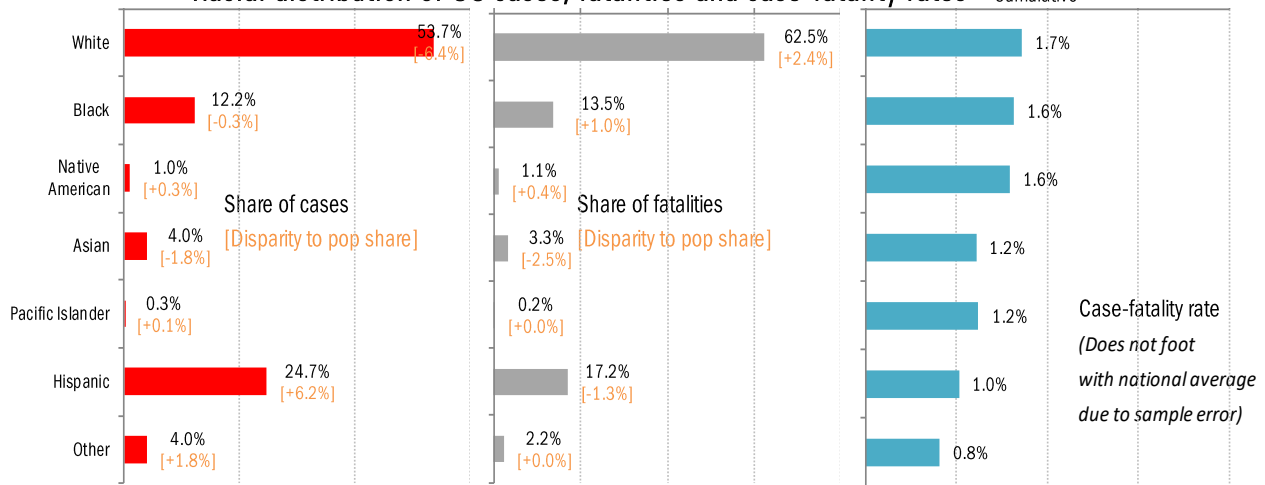


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

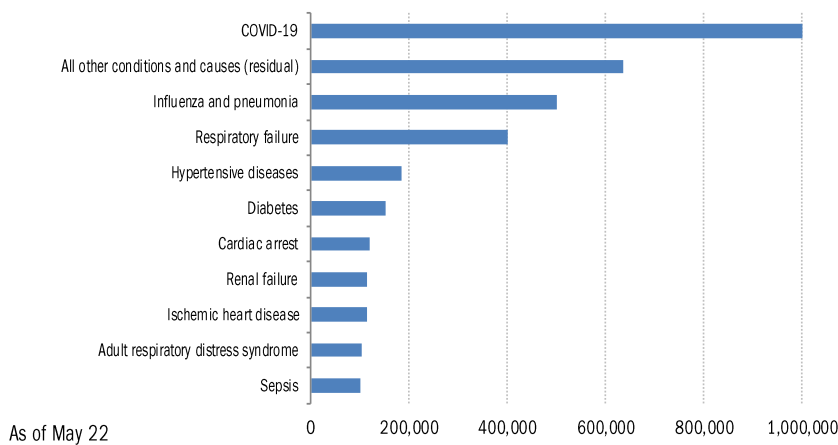


Racial distribution of US cases, fatalities and case-fatality rates



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

[Harini Logan, an 8th-grader from Texas, wins 2022 Scripps National Spelling Bee in historic spell-off](#)

Chris Bumbaca
USA Today
June 2, 2022

[Private Organization Launches Alternative Vaccine Injury Reporting System](#)

Ashley Bateman
Heartland Institute
May 27, 2022

[The prevalence of SARS-CoV-2 infection and uptake of COVID-19 antiviral treatments during the BA.2/BA.2.12.1 surge, New York City, April-May 2022](#)

Saba A Qasmieh et al.
medRxiv
May 26, 2022

[‘We’re playing with fire’: US Covid cases may be 30 times higher than reported](#)

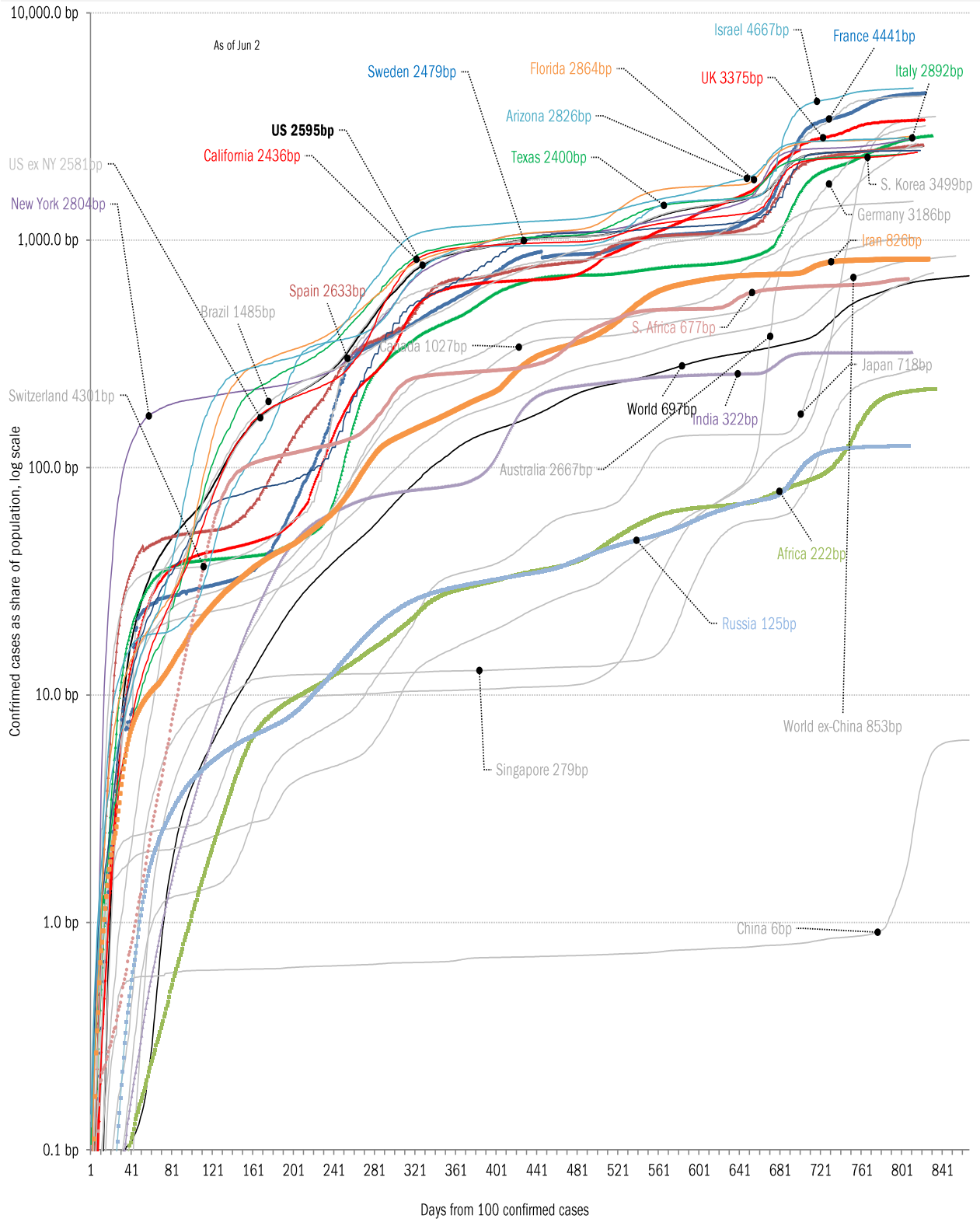
Melody Schreiber
The Guardian
June 2, 2022

Meme of the day

**Please take care
everyone. You may have
Monkey Pox and not
even know it. You may
be achimptomantic.**

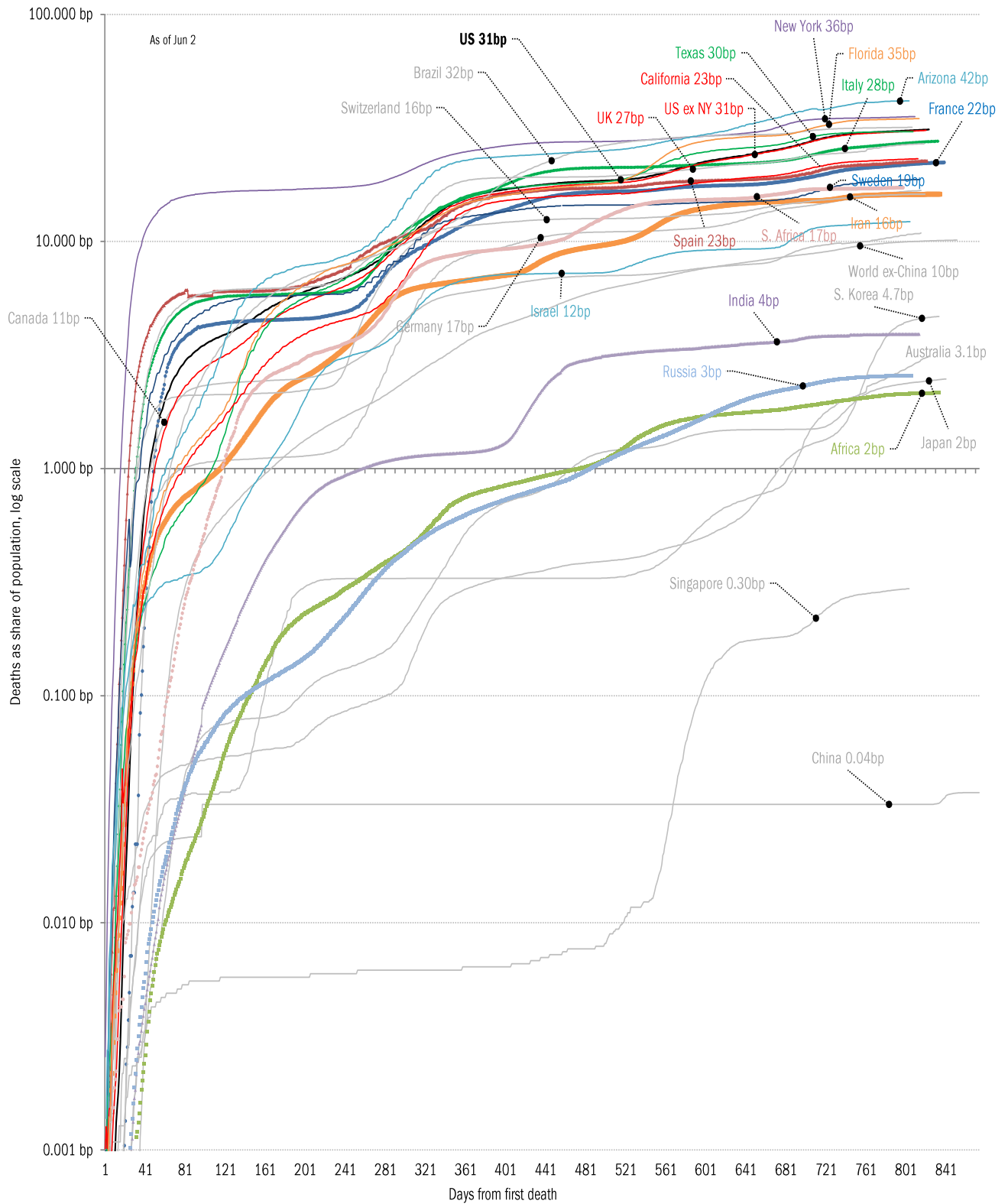
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

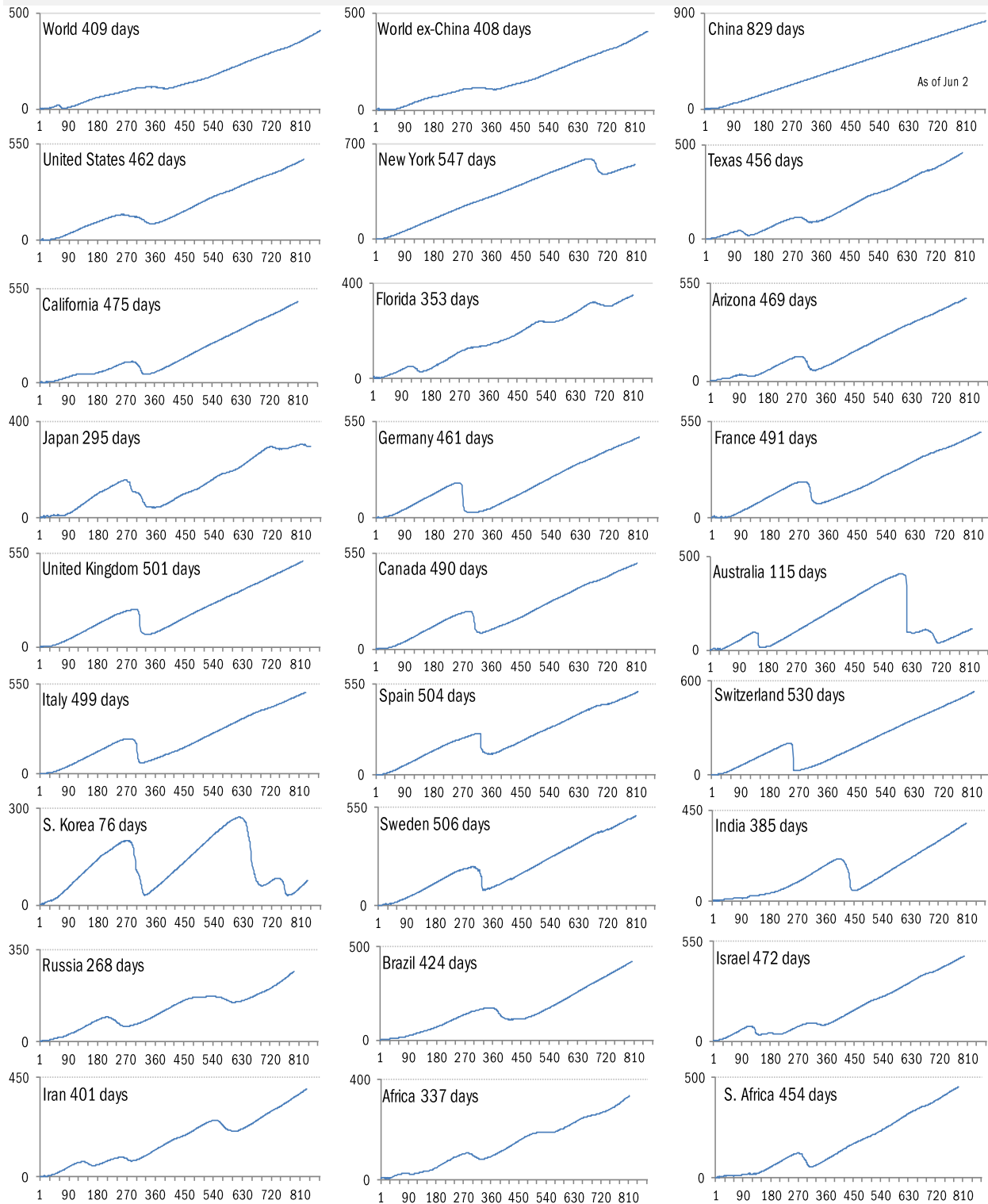


Source: [Johns Hopkins](#), TrendMacro calculations

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

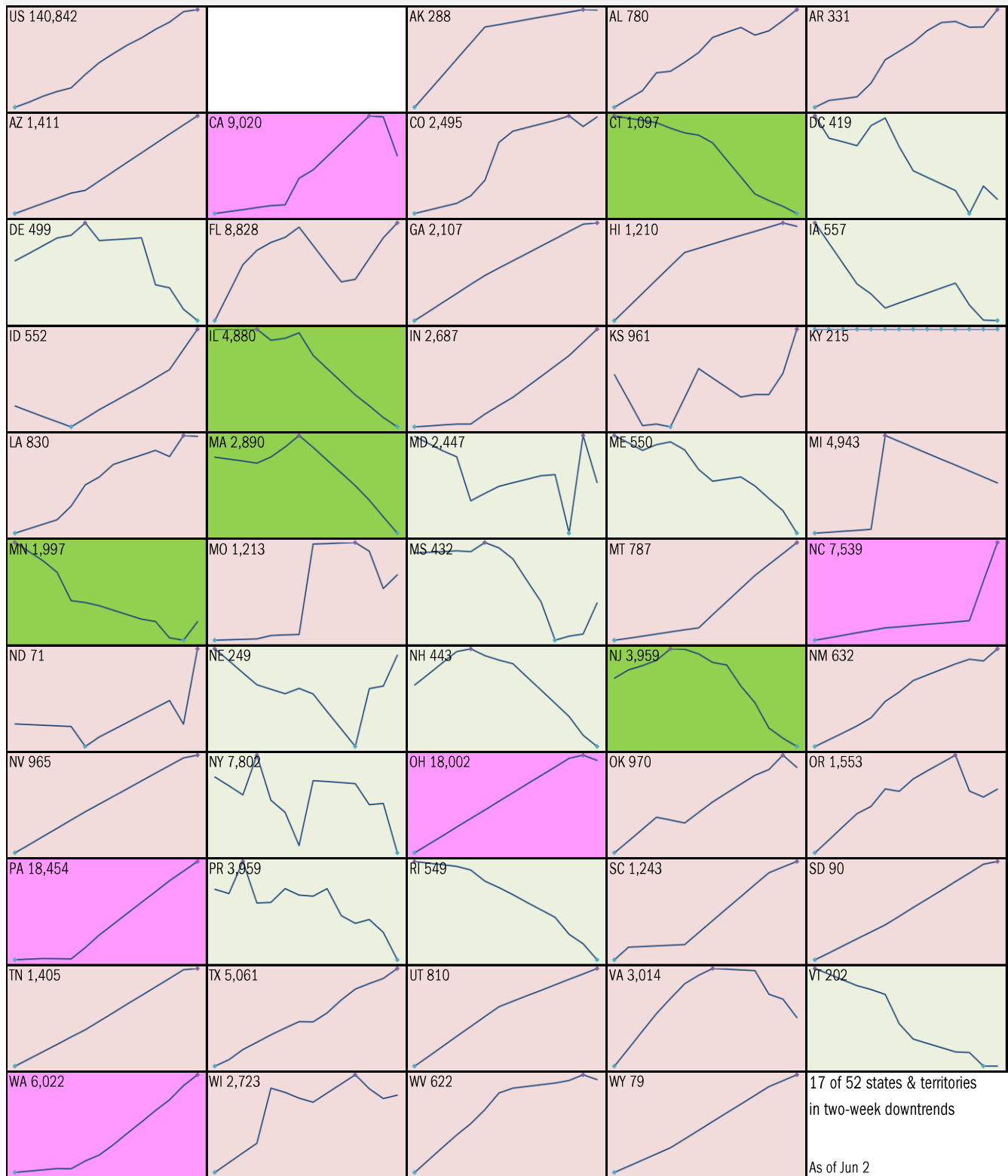


Source: [Johns Hopkins](#), TrendMacro calculations

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

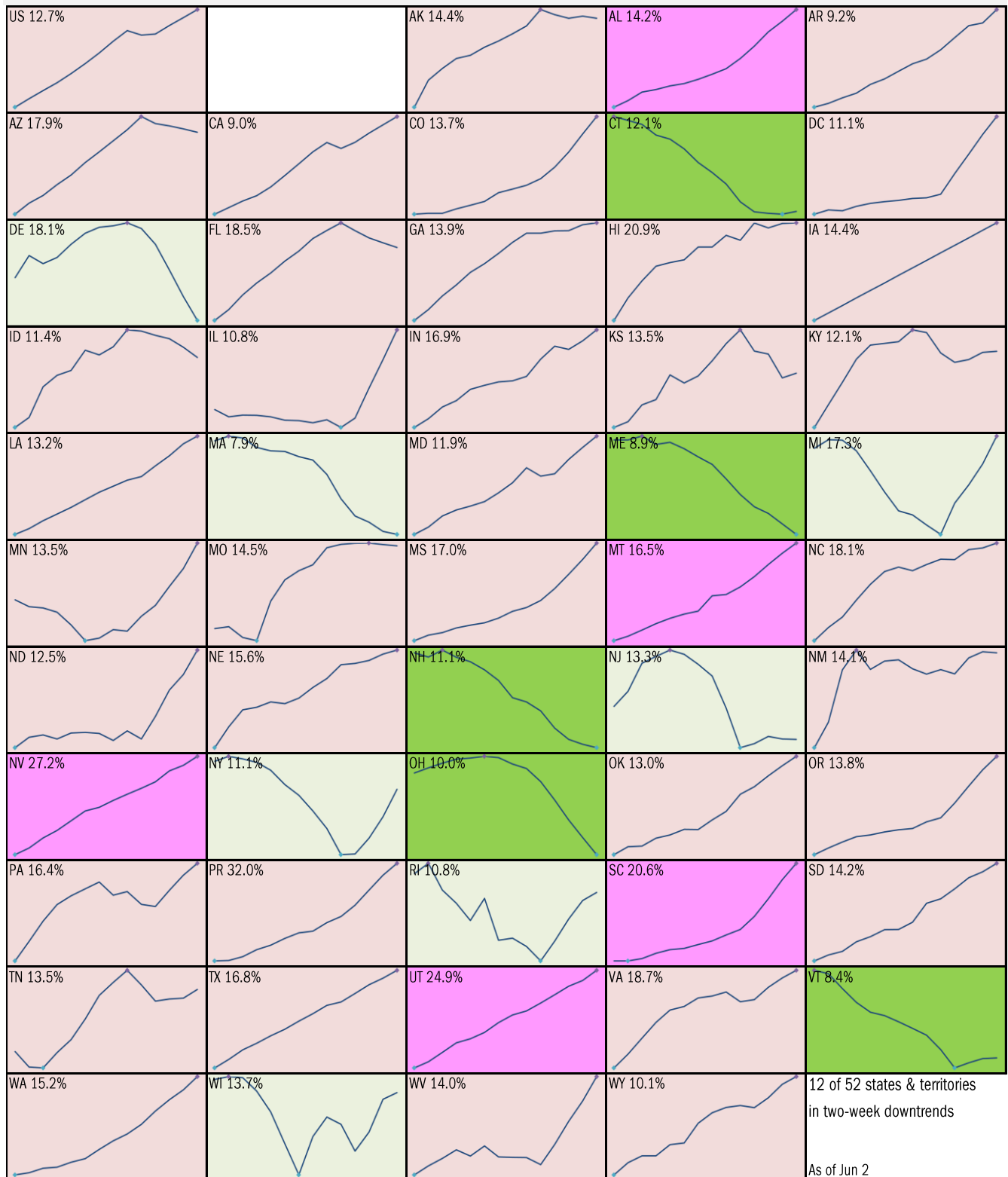


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in **test-positivity ratio**

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

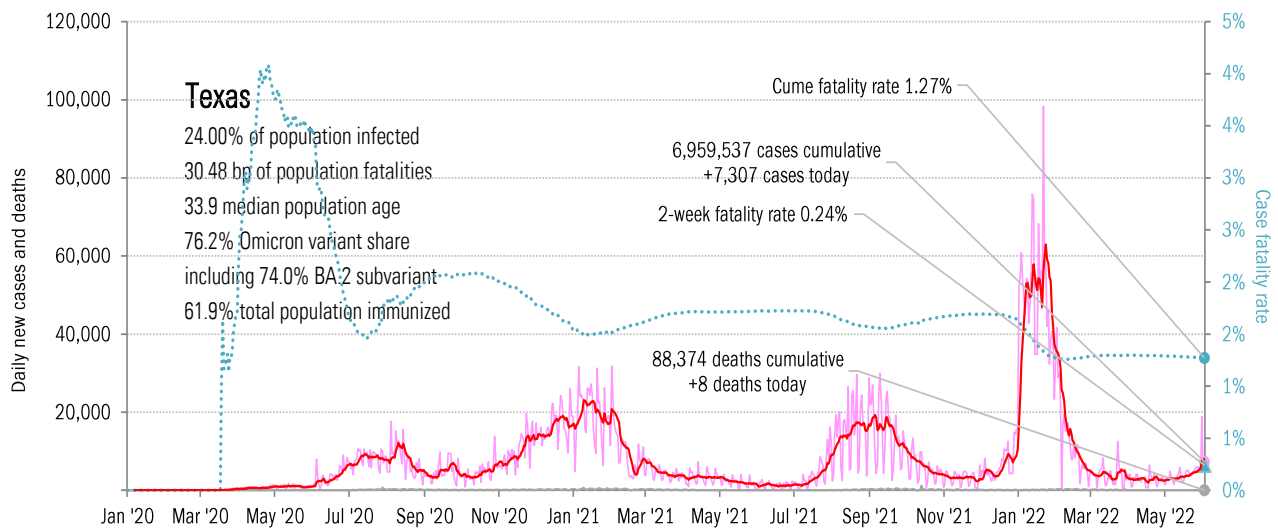
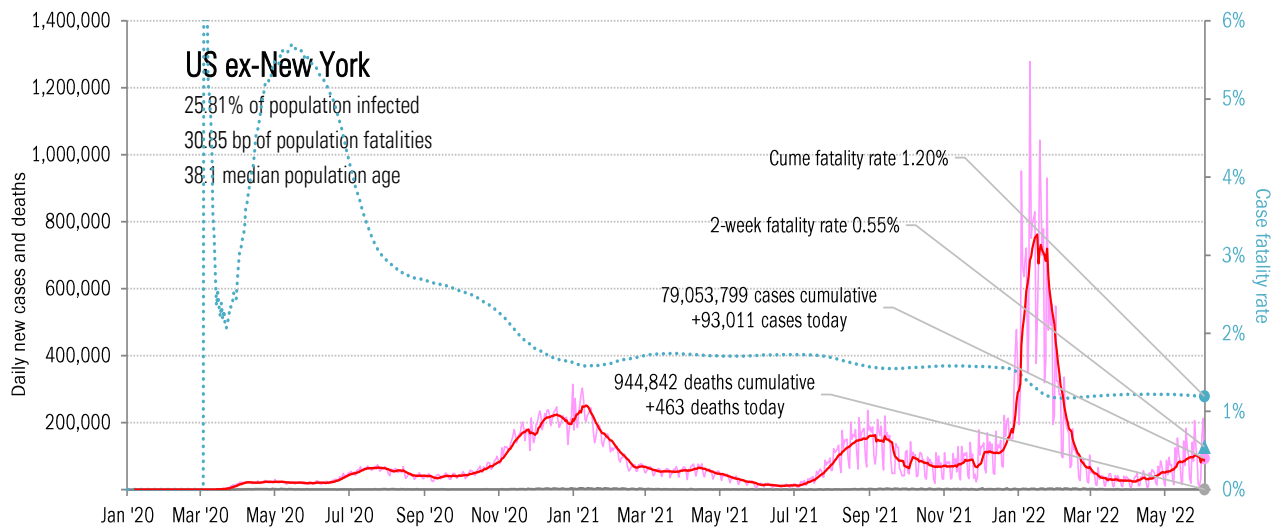
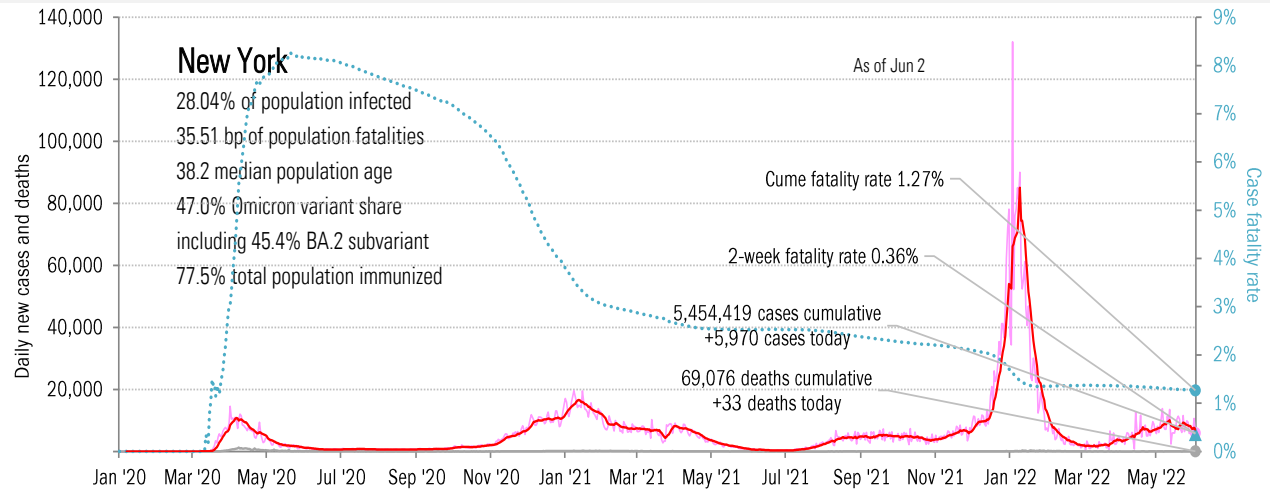
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

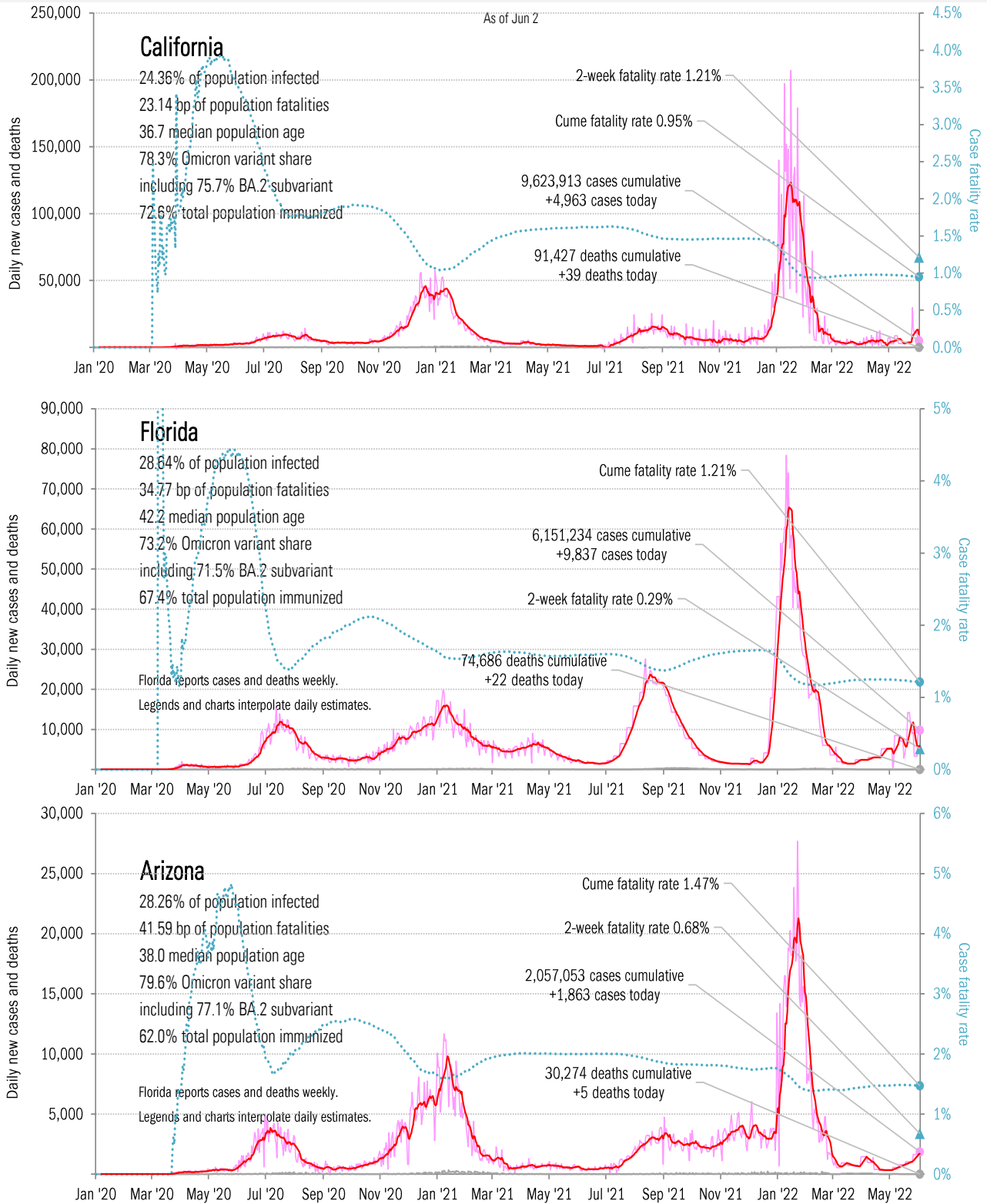
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

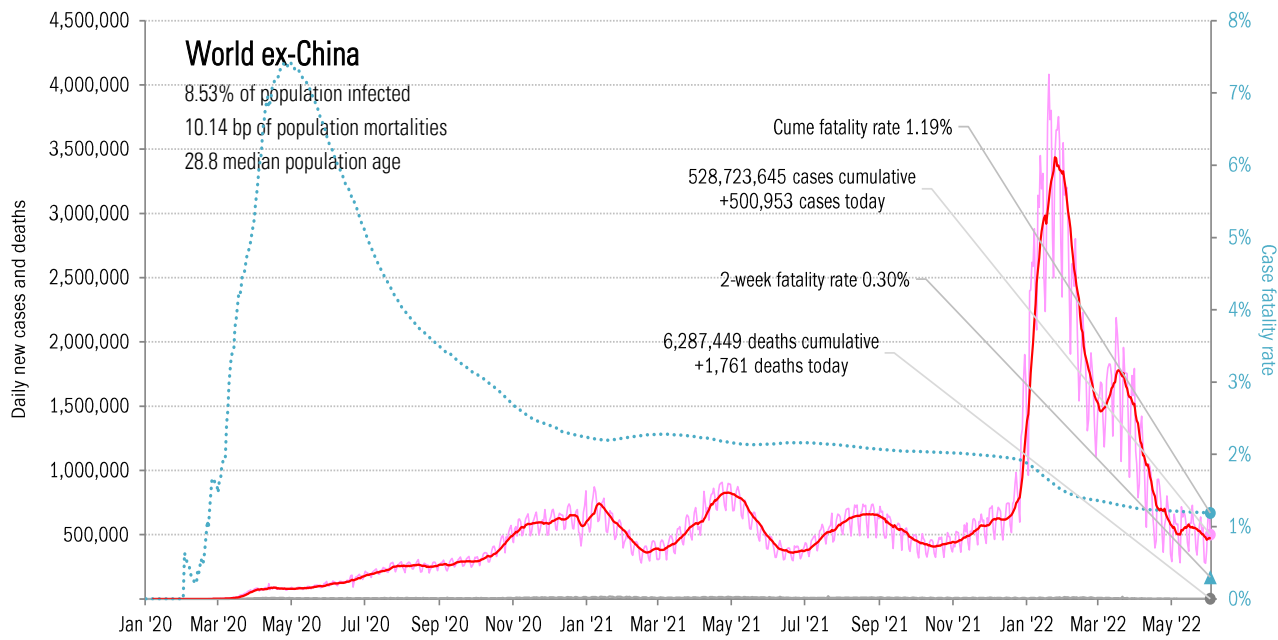
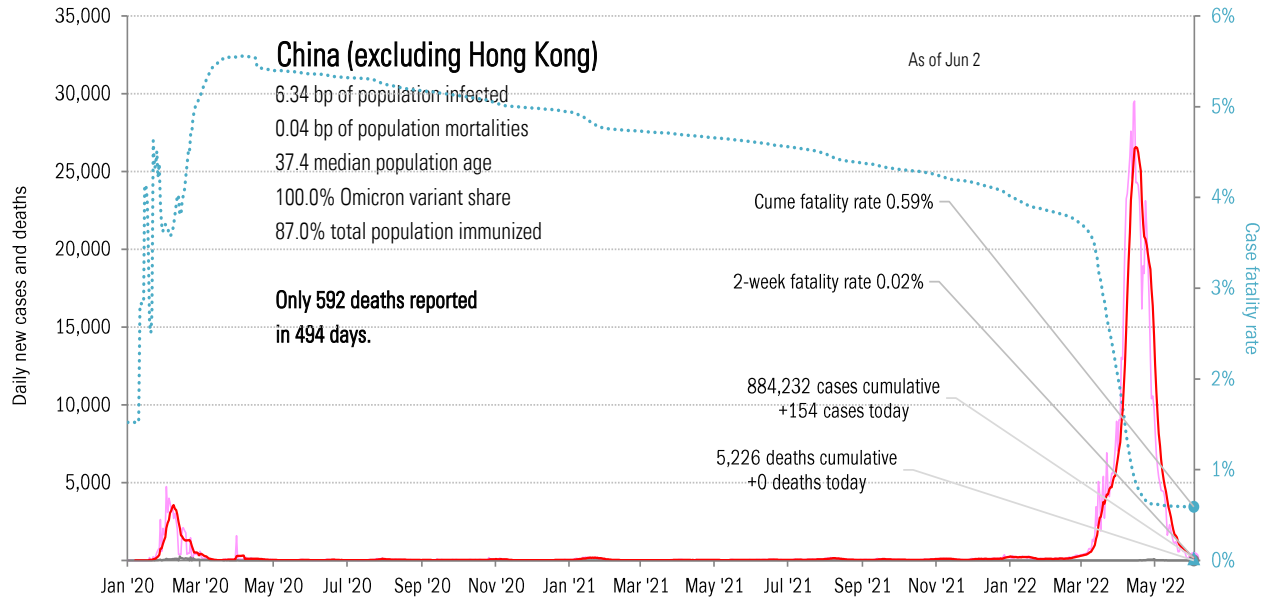
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

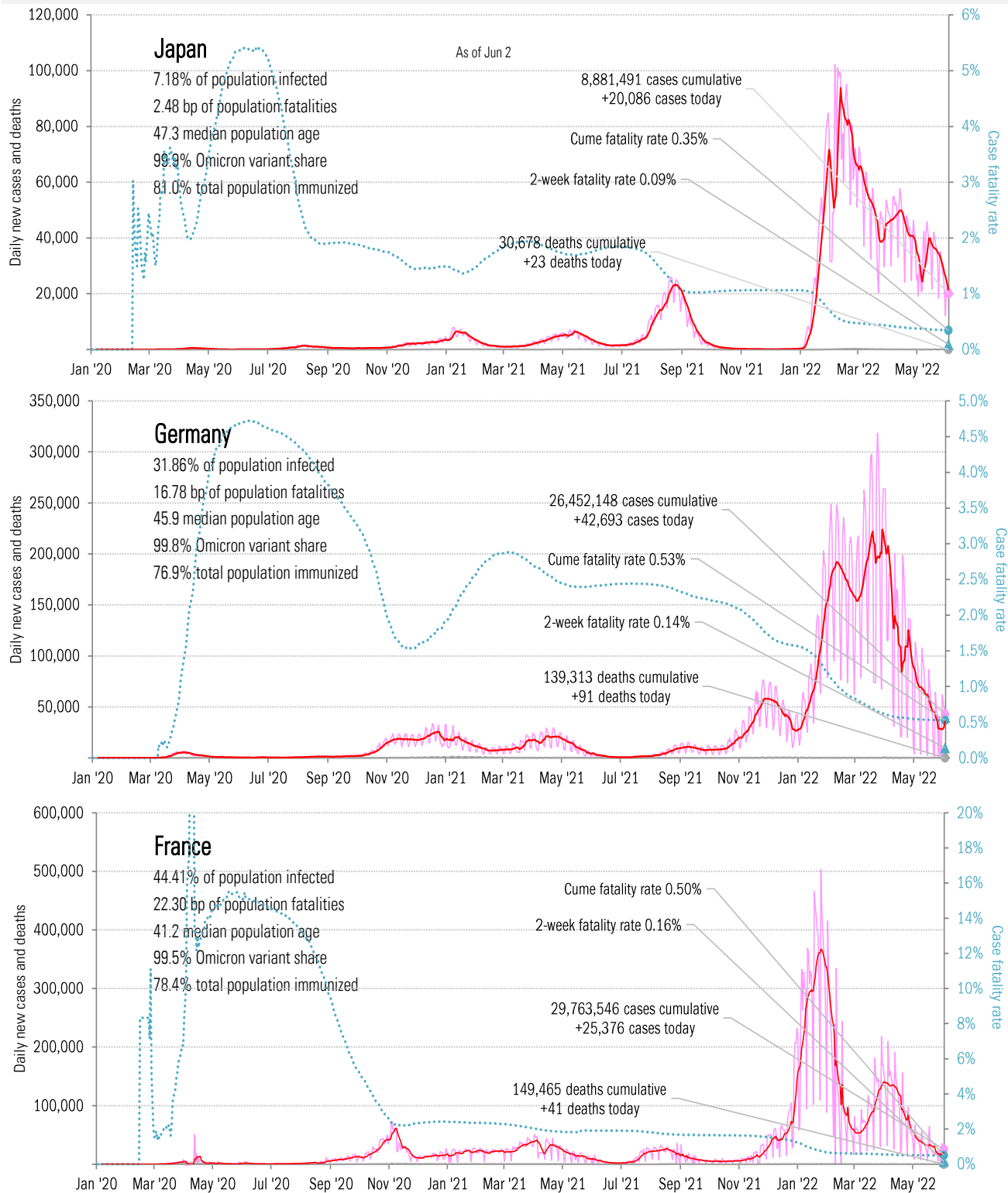
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

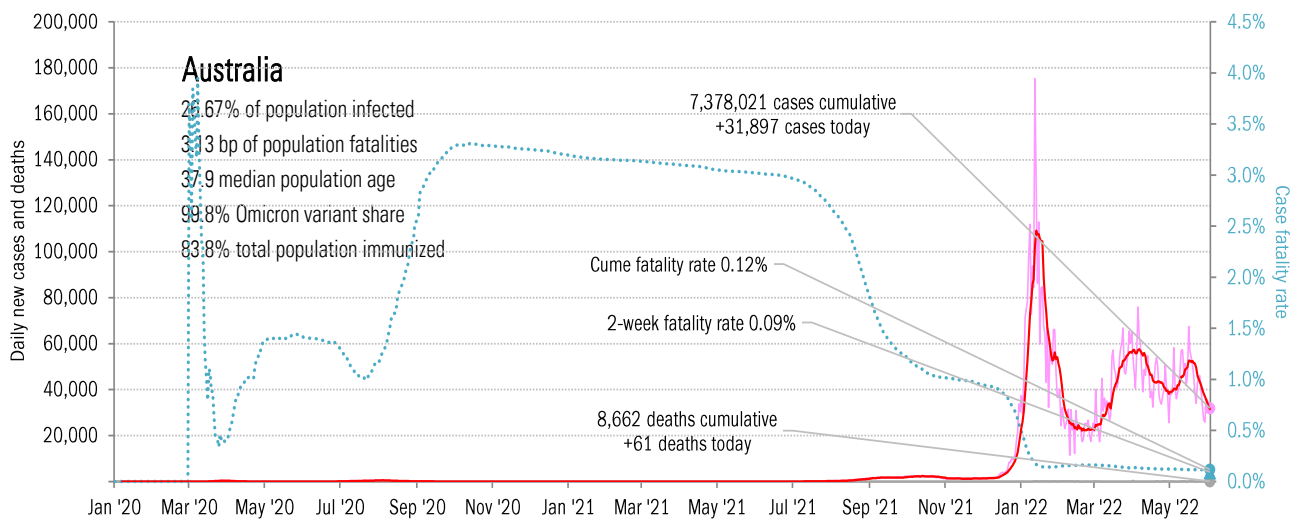
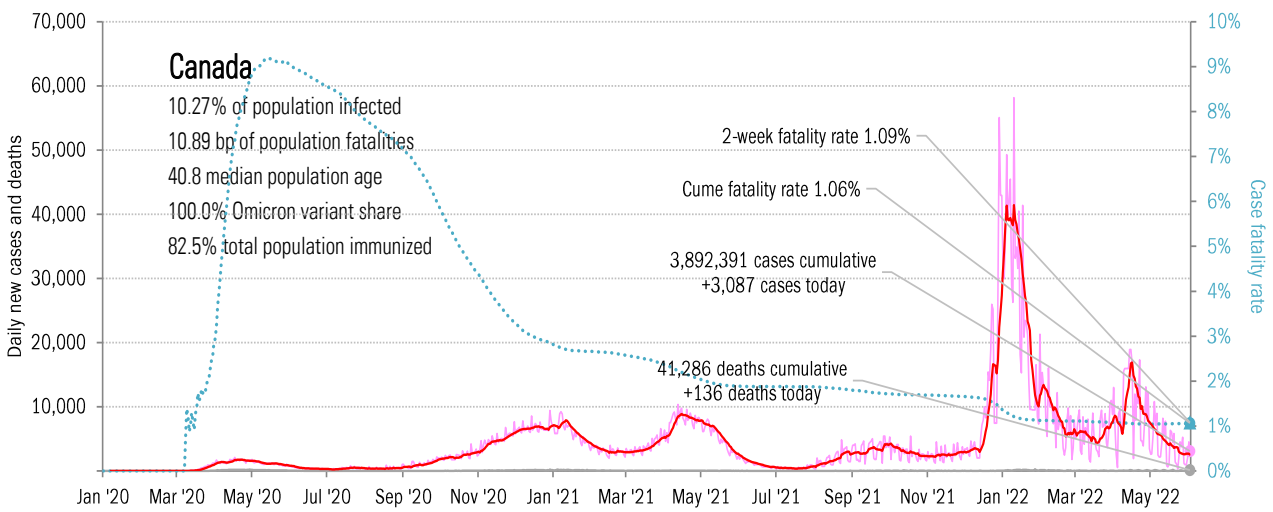
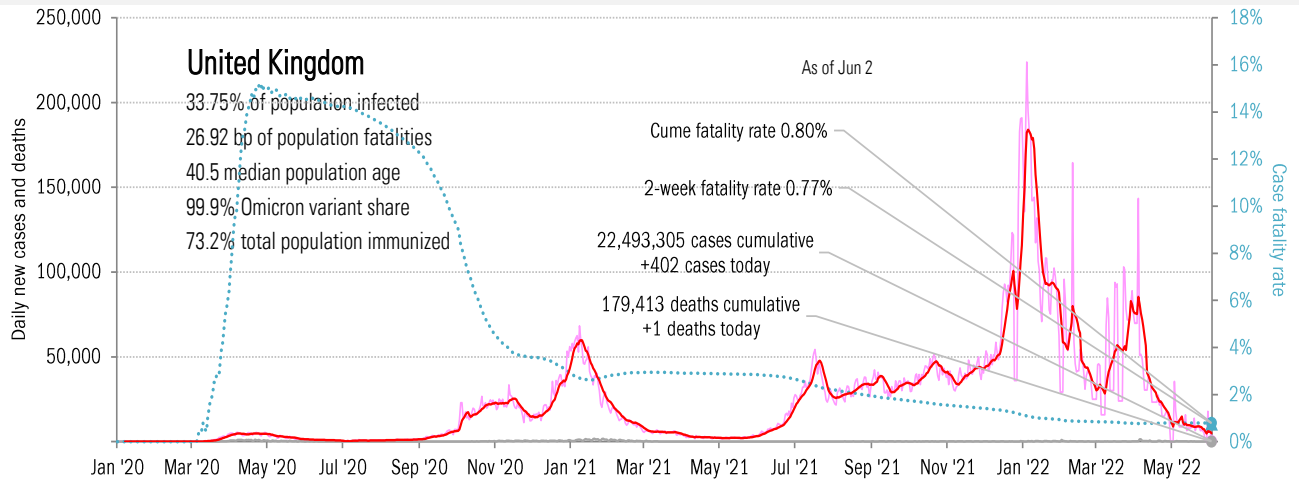
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

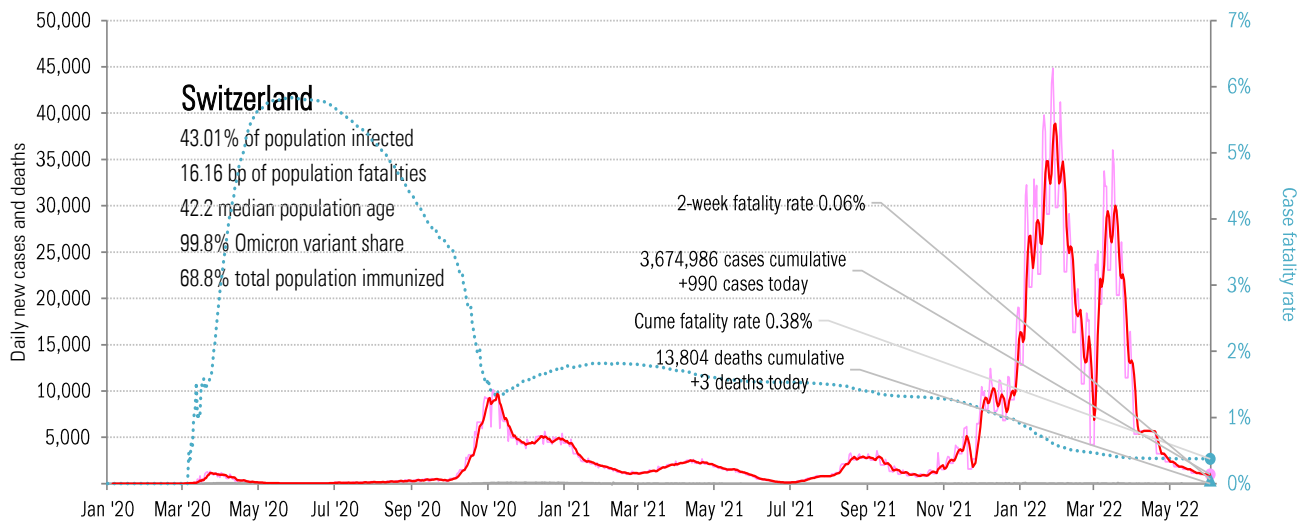
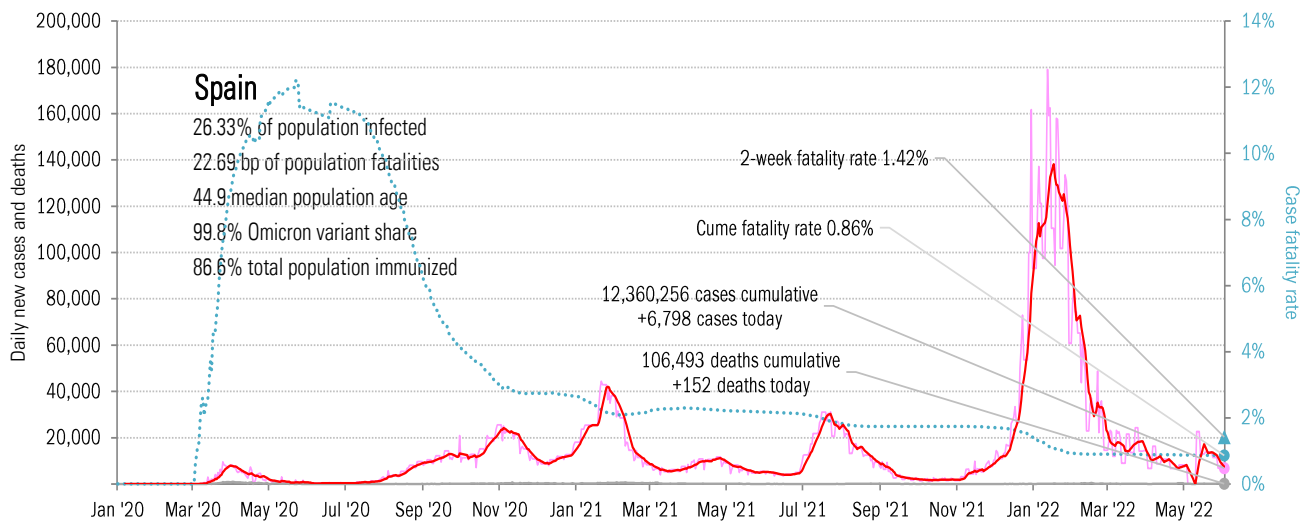
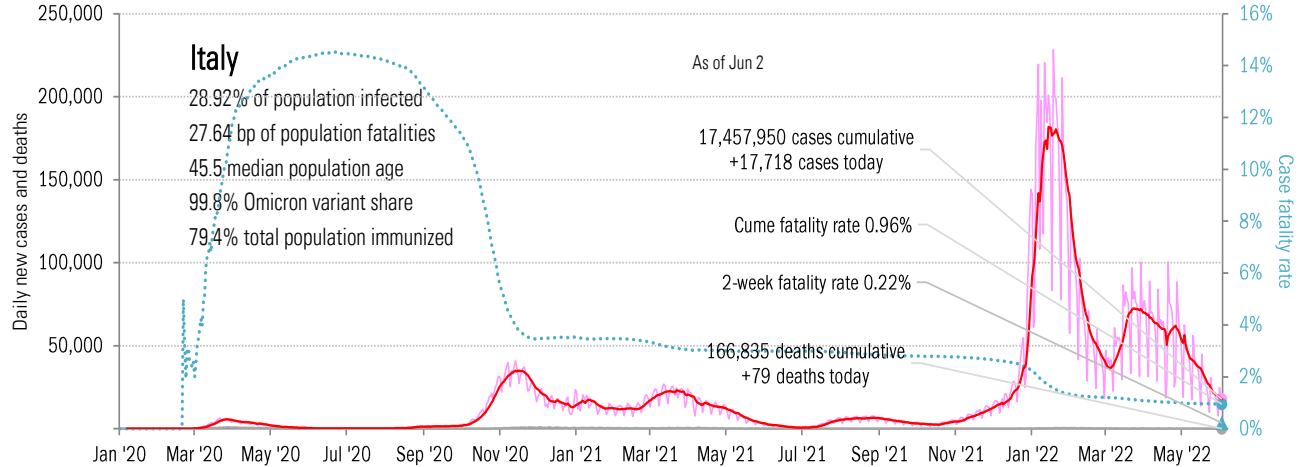
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

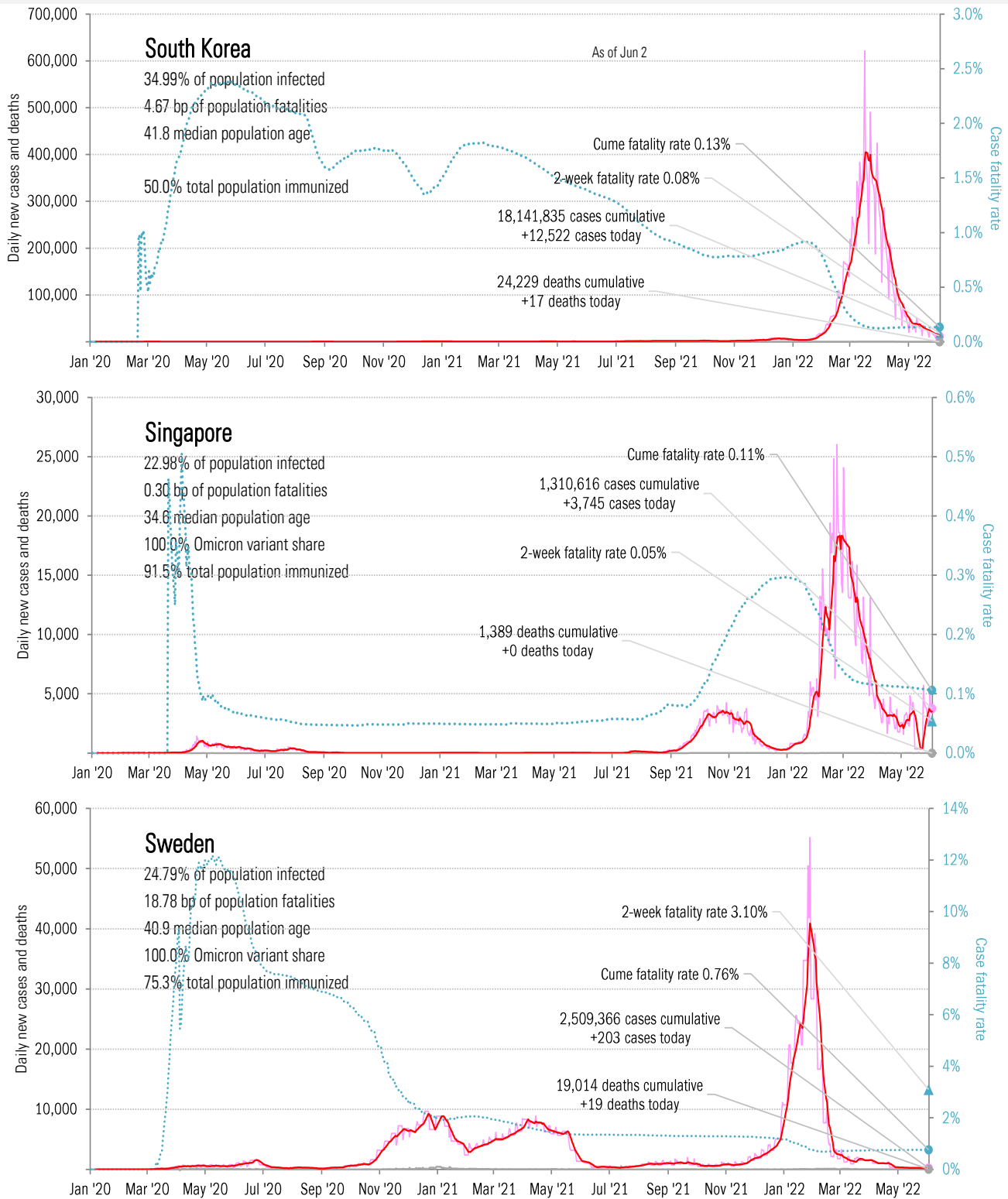
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

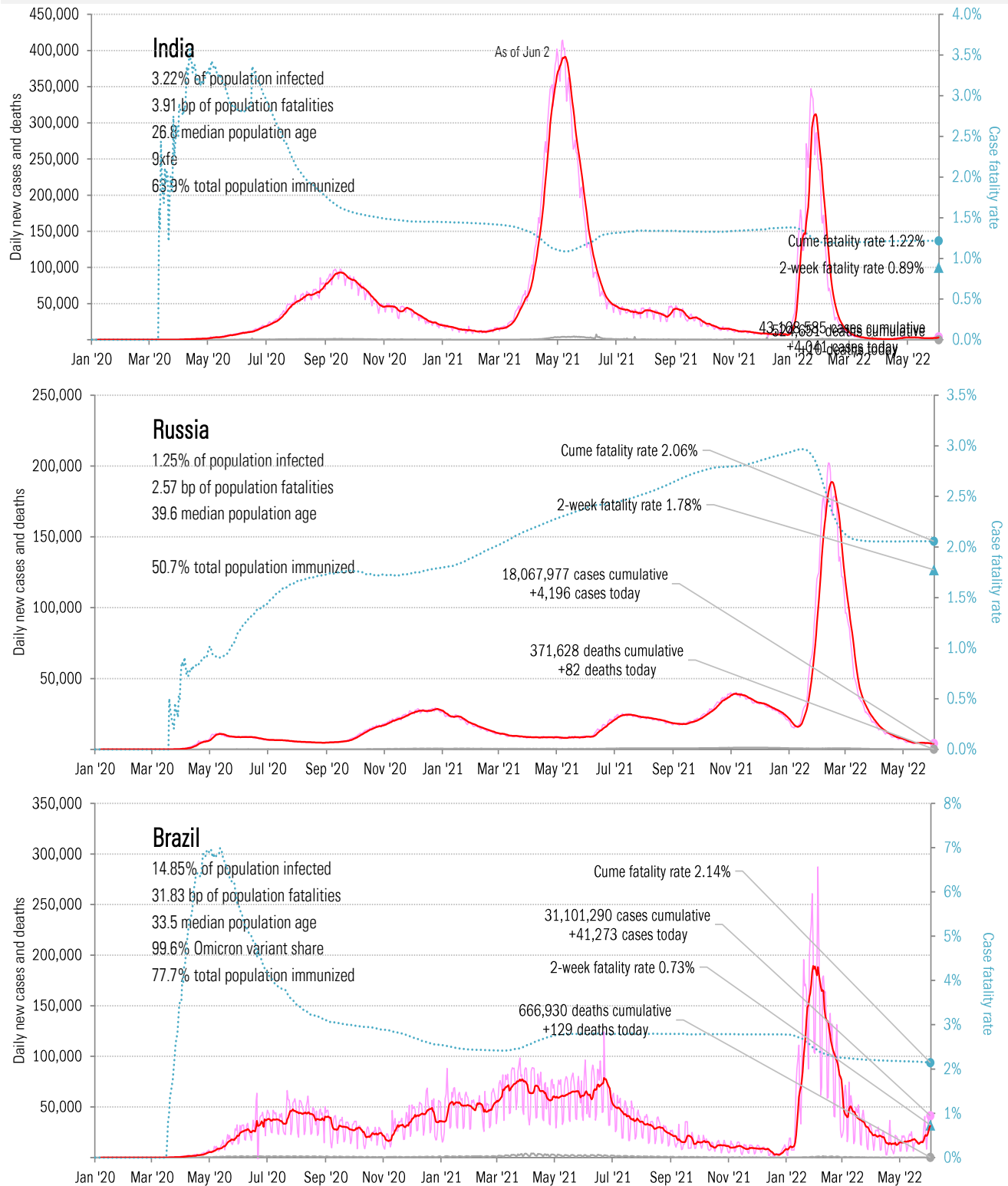
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

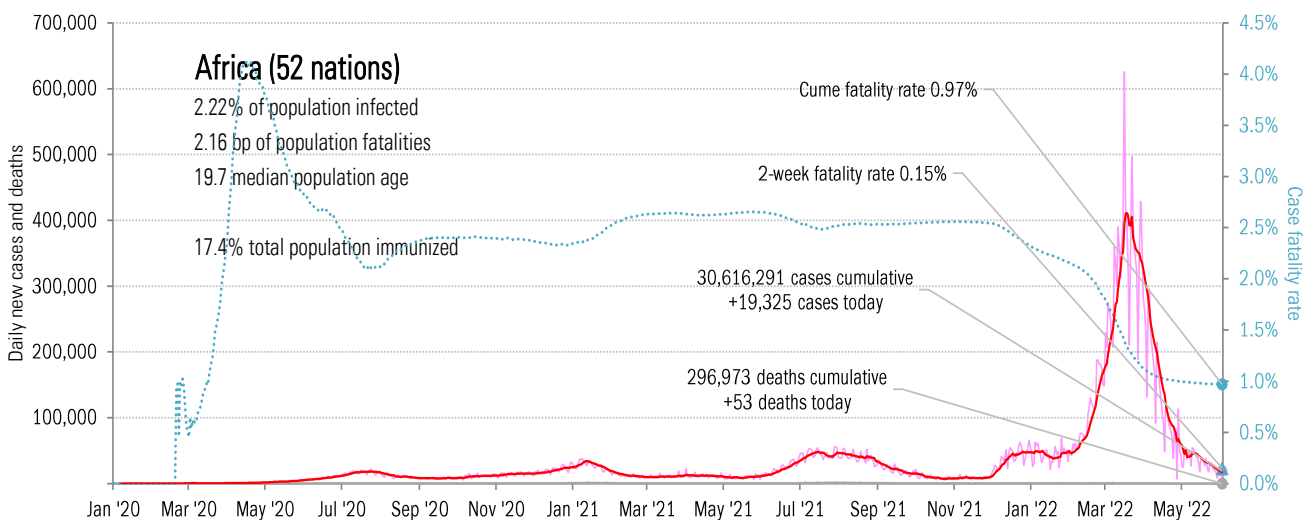
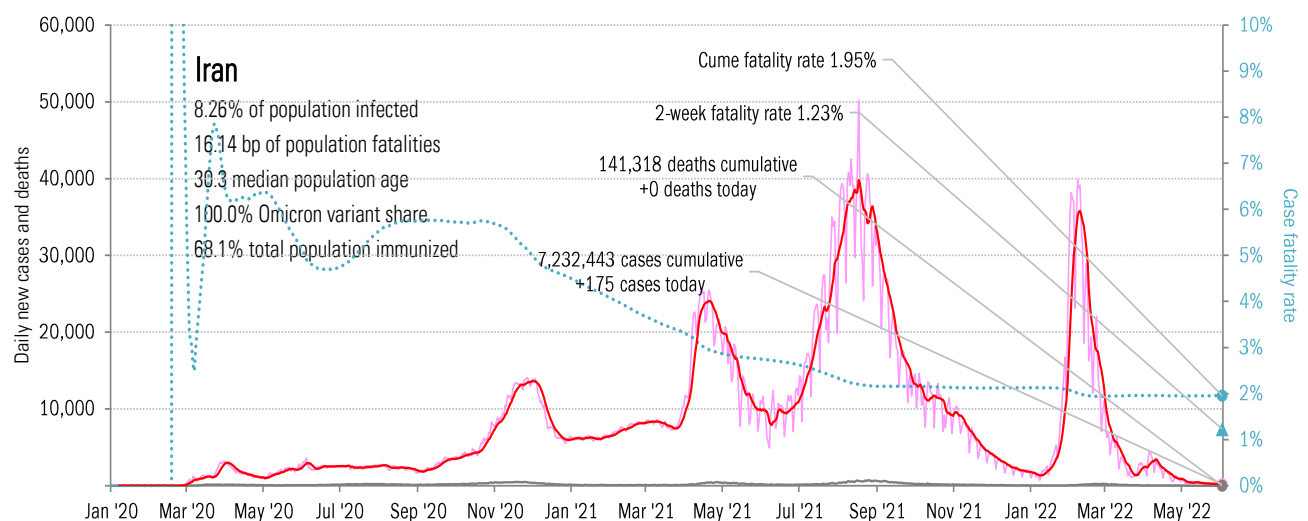
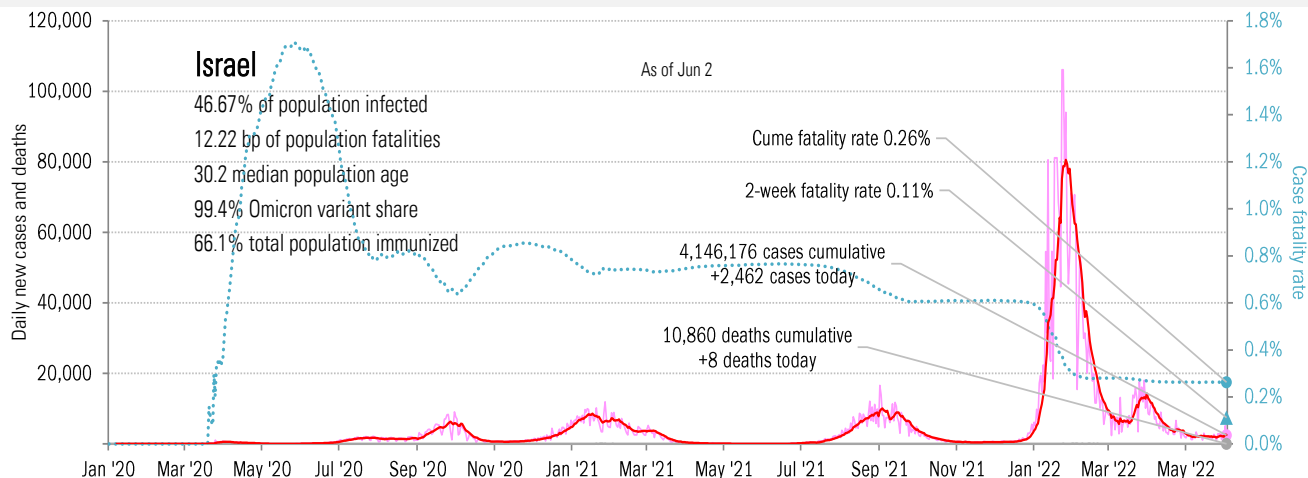
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

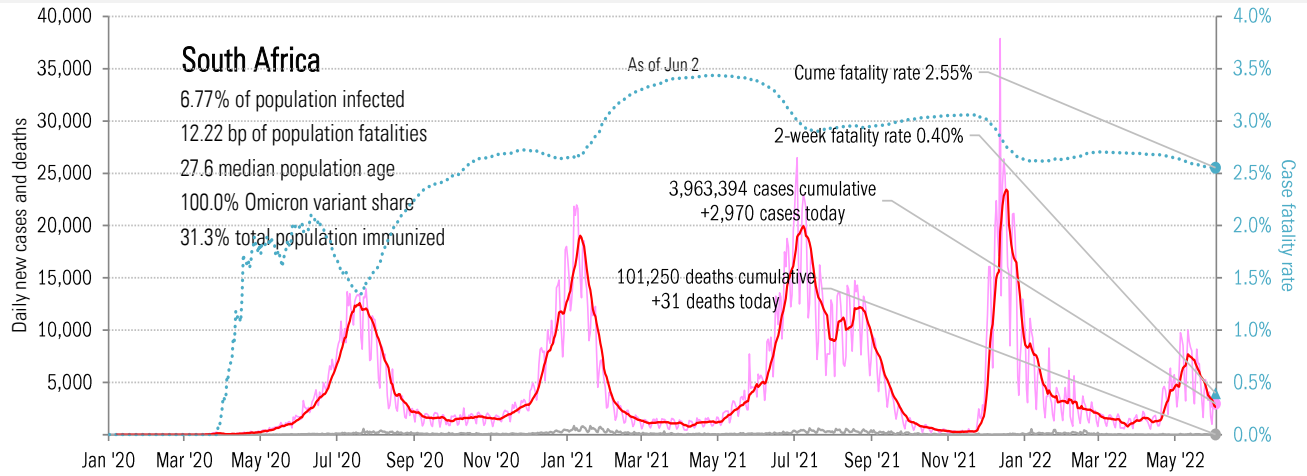
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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