

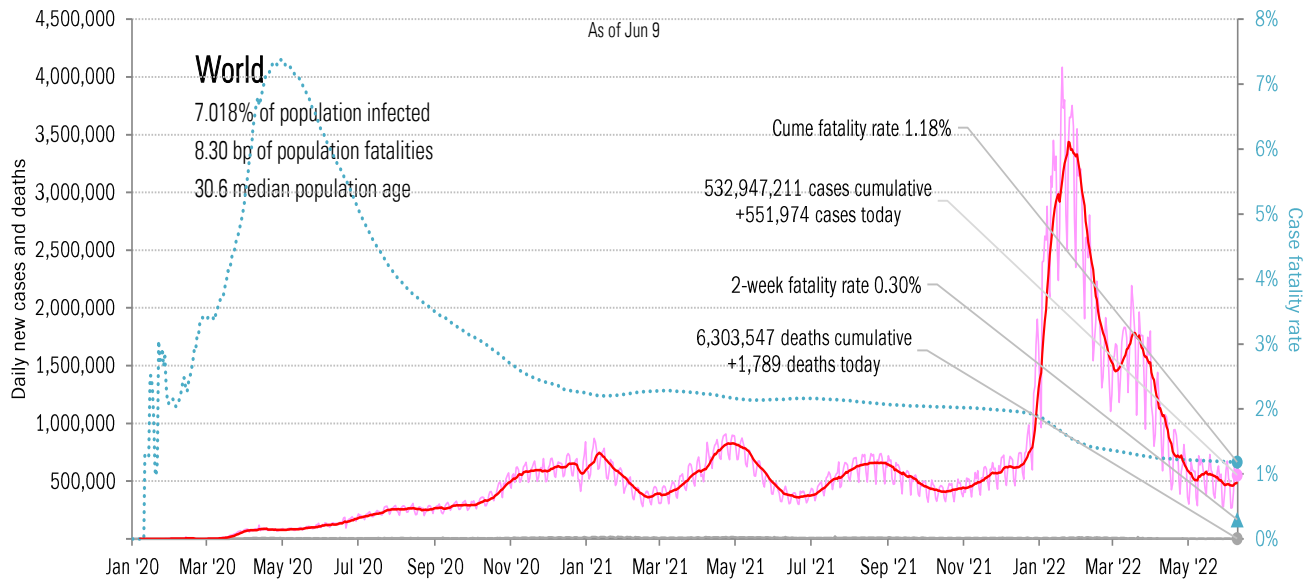
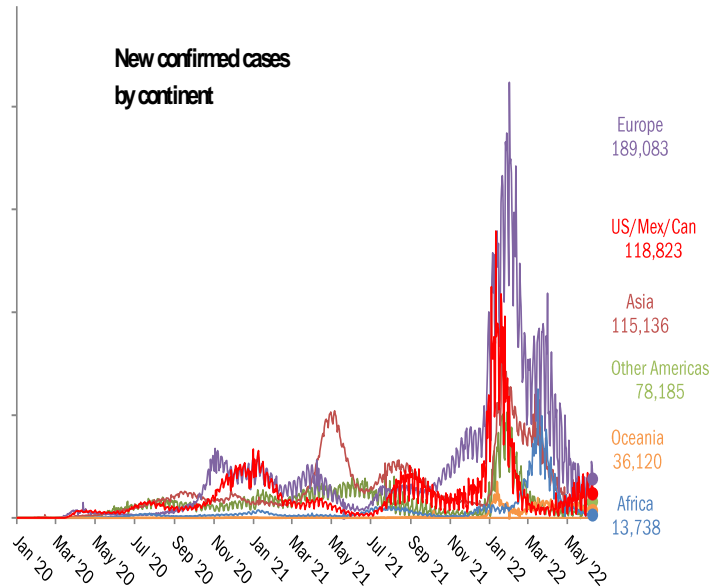
Data Insights: Covid-2019 Monitor

Friday, June 10, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
United States	116,509	United States	487
Germany	77,878	Taiwan*	211
Taiwan*	72,846	Brazil	143
Brazil	45,073	Germany	106
France	40,151	Canada	102
Australia	29,548	Finland	87
Italy	23,534	Italy	84
Japan	16,788	United Kingdom	83
Chile	12,436	Russia	74
United Kingdom	10,615	France	42
	445,378		1,419
World	551,974	World	1,789
Top ten	81%	Top ten	79%



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

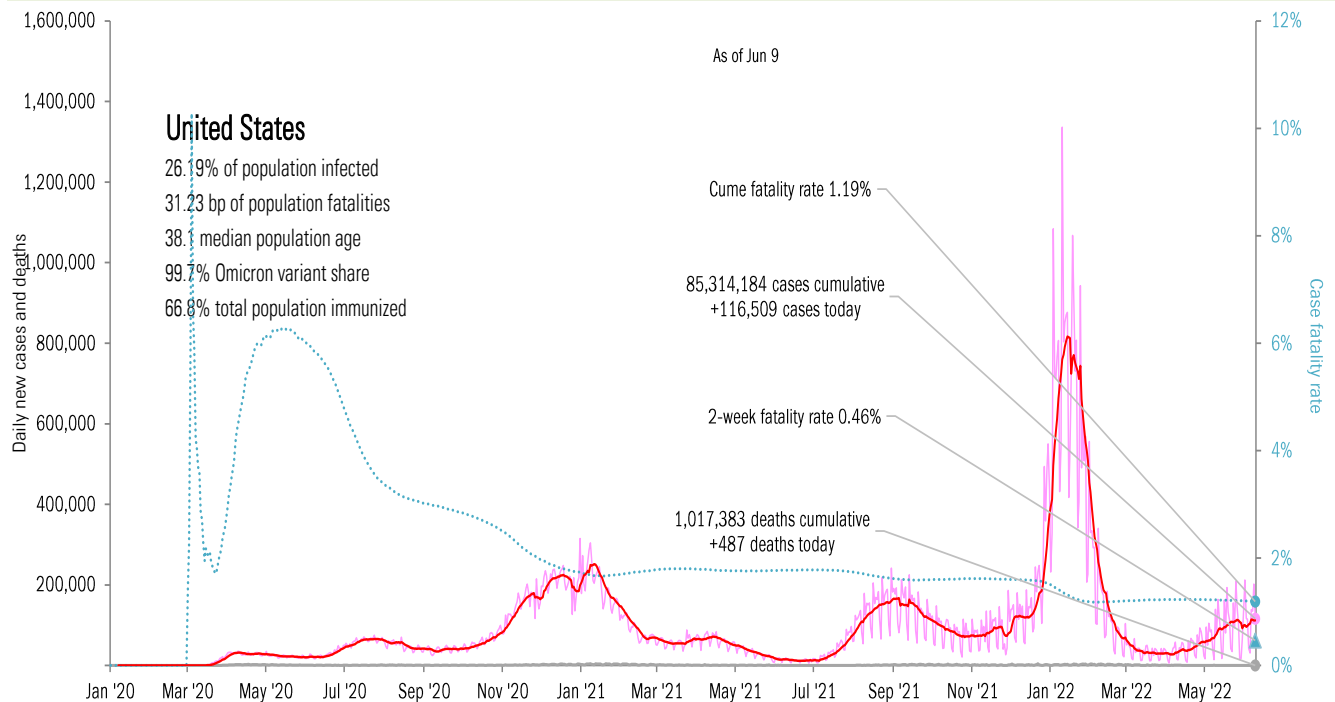
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CH	18,247		FL	33		TX	300		CA	9,741,437		CA	91,609		TX	496,706		CR	95%	RI	84%
CO	13,931		NY	25		FL	535		TX	7,008,082		TX	88,445		CA	439,041		RI	92%	DE	84%
FL	10,927		TX	25		CO	108		FL	6,250,674		FL	74,884		FL	430,704		MA	87%	WA	84%
TX	8,384		CK	18		MT	53		NY	5,499,805		NY	69,255		NY	265,166		MI	86%	UT	82%
UT	7,502		MA	17		CA	449		IL	3,346,836		PA	45,413		GA	210,403		NH	85%	TX	82%
FR	6,661		CA	14		WV	47		PA	2,954,750		CH	38,657		CH	196,808		MN	85%	NH	81%
NY	6,639		IL	13		DC	16		NC	2,799,515		IL	38,295		PA	183,717		WA	85%	MA	81%
CA	4,803		CO	12		GA	122		CH	2,798,900		GA	38,290		IL	164,757		PA	84%	VT	81%
IL	4,294		UT	12		CR	45		GA	2,588,857		MI	36,538		MI	147,738		GA	83%	AK	81%
NJ	3,741		NE	11		TN	71		MI	2,565,819		NJ	33,821		KY	134,734		MO	83%	CR	80%
85,129			180			1,746			45,554,675			555,207			2,669,774						
All states	116,509		487		4,289		All states	85,314,184		1,017,383		4,847,920		All states	70%	67%					
Top ten	73%		37%		41%		Top ten	53%		55%		55%		Median	76%	74%					

Some states not reporting

Five most improved US states

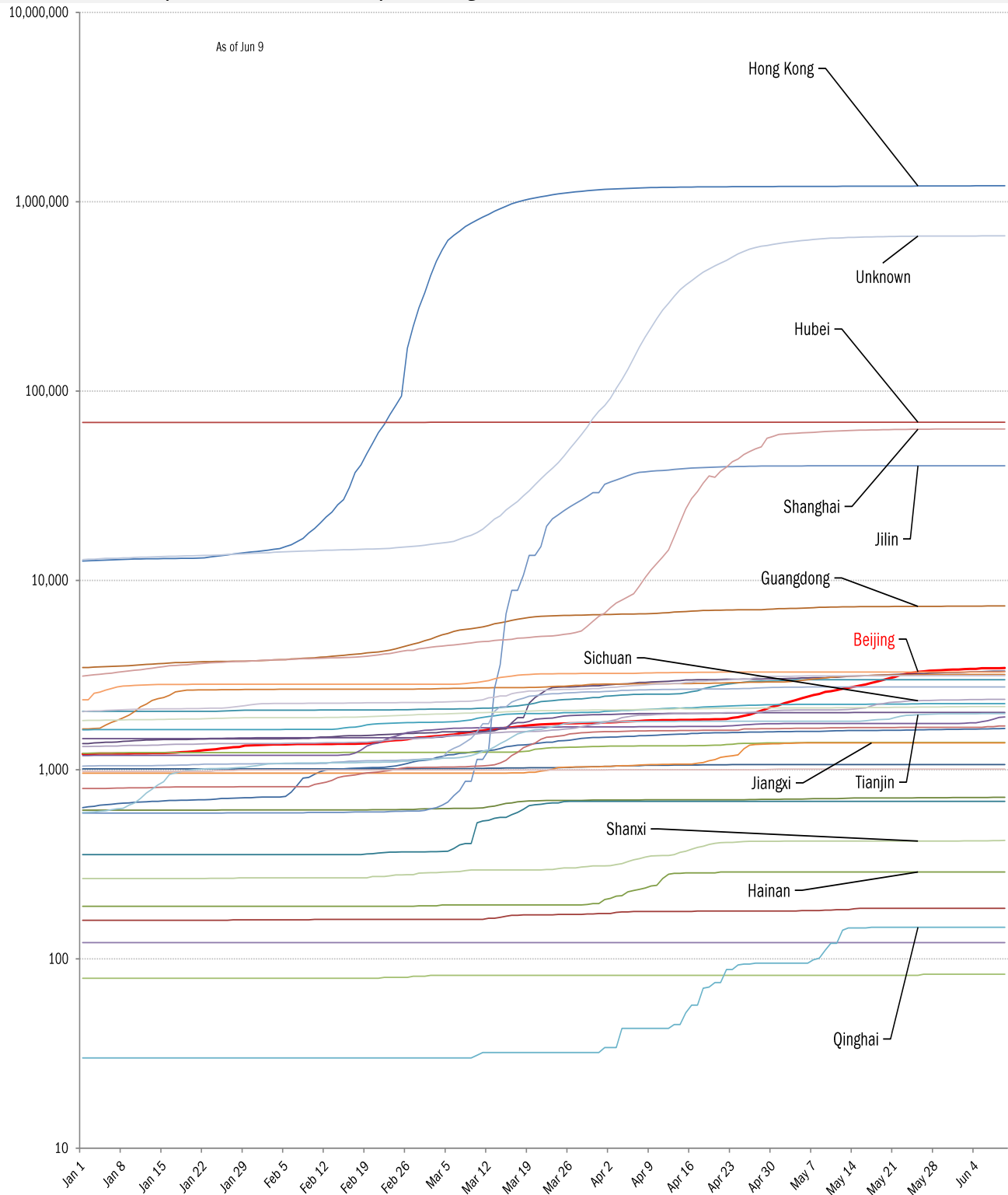
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NC	-26,785	NC	-434	NC	-64	AR	+10 bp
PA	-20,242	PA	-159	NJ	-46	DE	+10 bp
MI	-18,453	MI	-131	AL	-44	FL	+10 bp
GA	-17,649	FL	-99	IN	-43	IL	+10 bp
TN	-11,720	GA	-56	NV	-39	NC	+10 bp



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

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

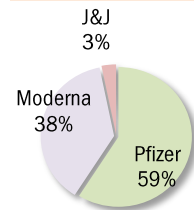
Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



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

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	605,596,131		+0.231 million		US	66.8%	78.0%
of which boosters	105,496,190		+0.095 million		UK	73.3%	78.4%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	266,717,062	80%	227,943,099	68%	+0.034 million	Spain	86.7%
Age 12 to 17	17,834,852	70%	15,278,756	60%	+0.003 million	Germany	76.9%
Age 18 to 64	179,141,095	88%	152,395,156	75%	+0.011 million	Italy	79.4%
Age 65 and over	59,192,270	100%	51,734,744	94%	+0.013 million	Australia	83.9%
						Israel	66.1%
						Canada	82.5%
						Japan	81.1%
						Africa	19.0%
						India	64.3%
						Brazil	78.5%
						China	87.1%



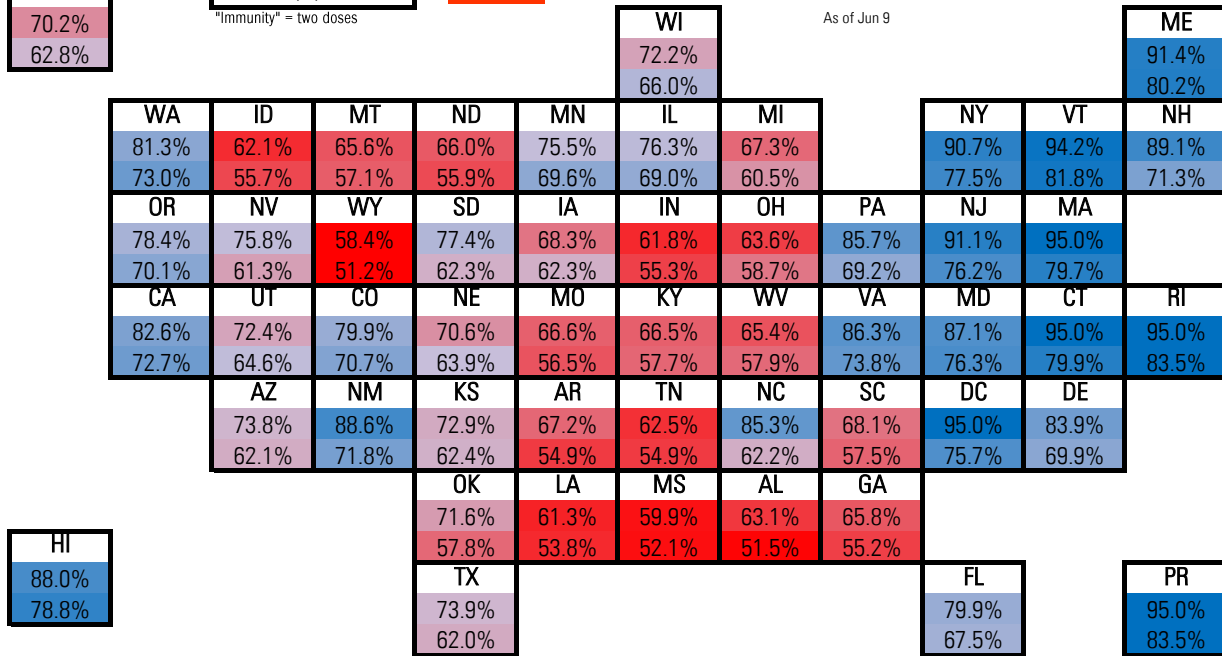
AK
70.2%
62.8%

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

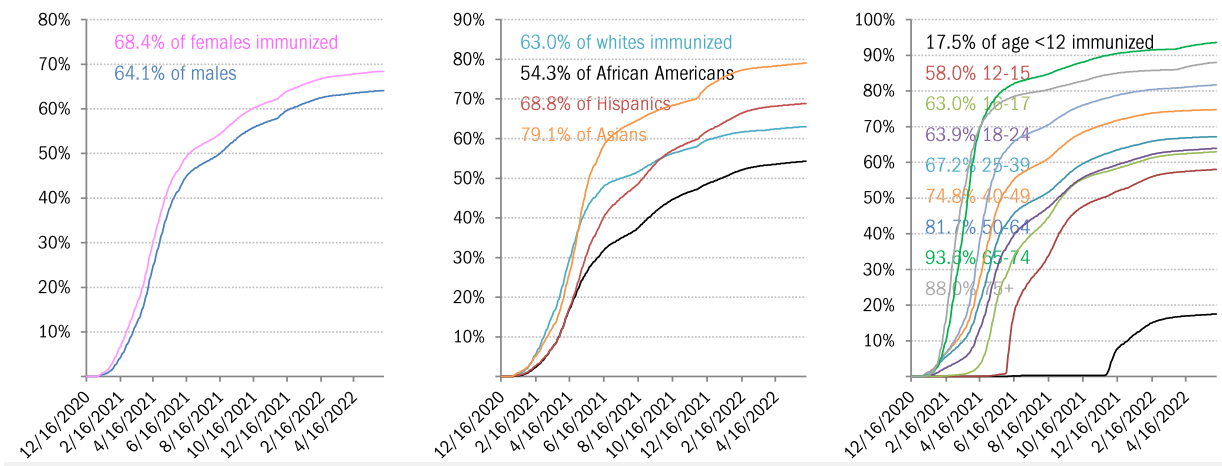
Best
Middle
Worst

*Immunity = two doses

Global data differs due to sources, timing



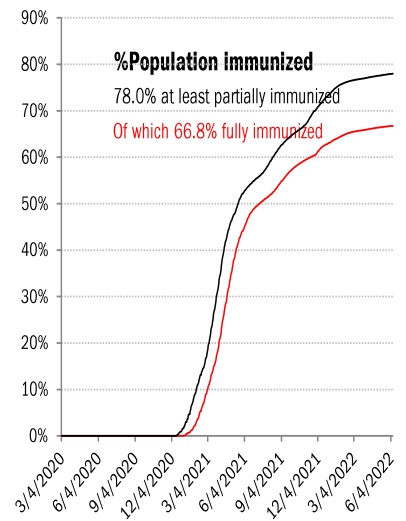
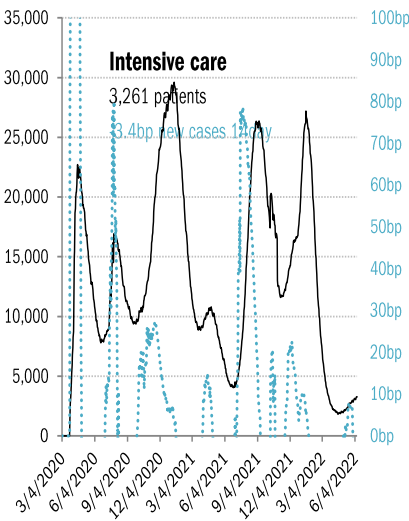
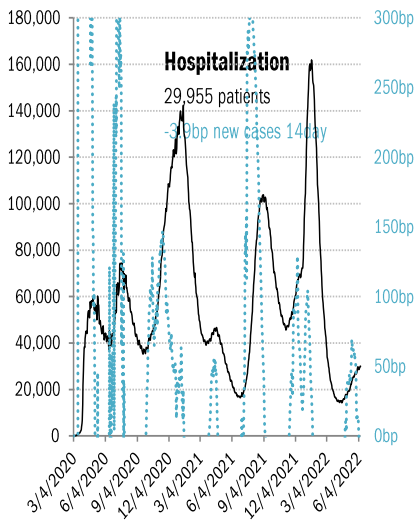
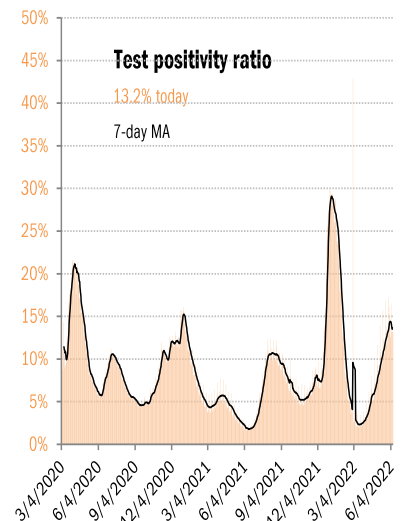
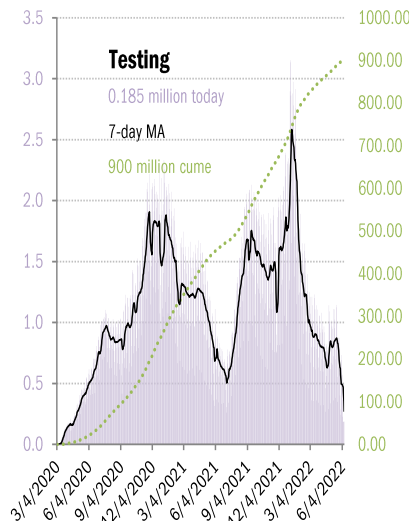
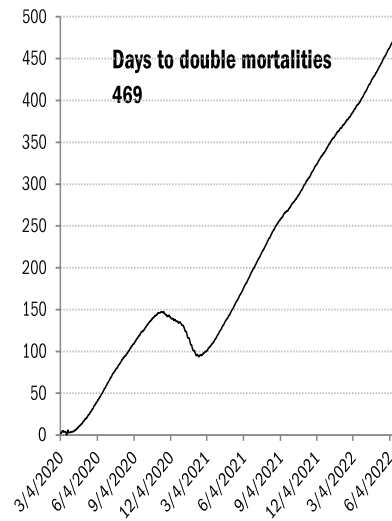
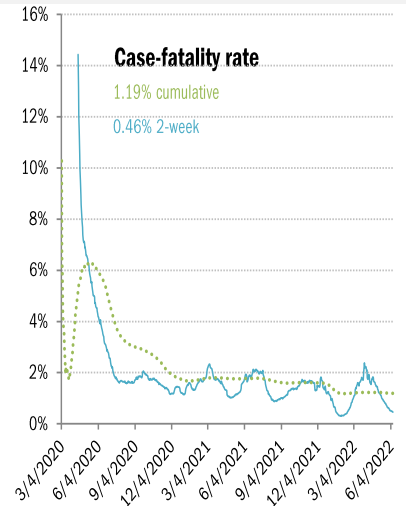
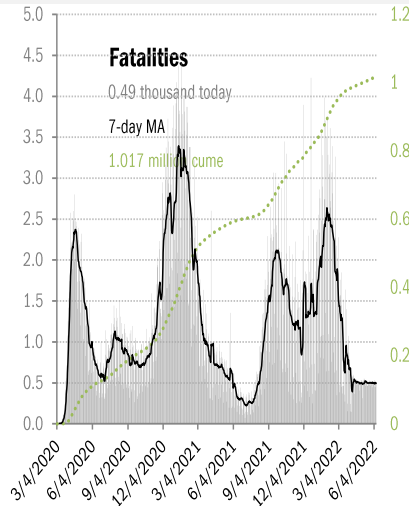
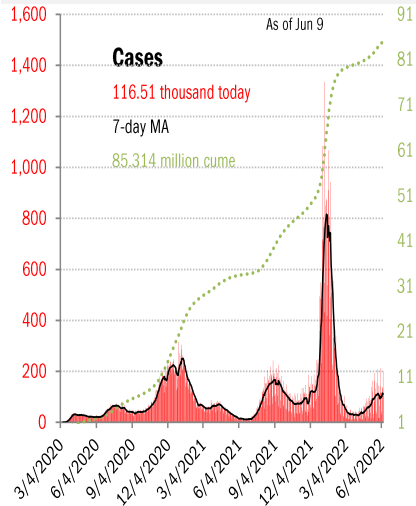
The demographics of US vaccination



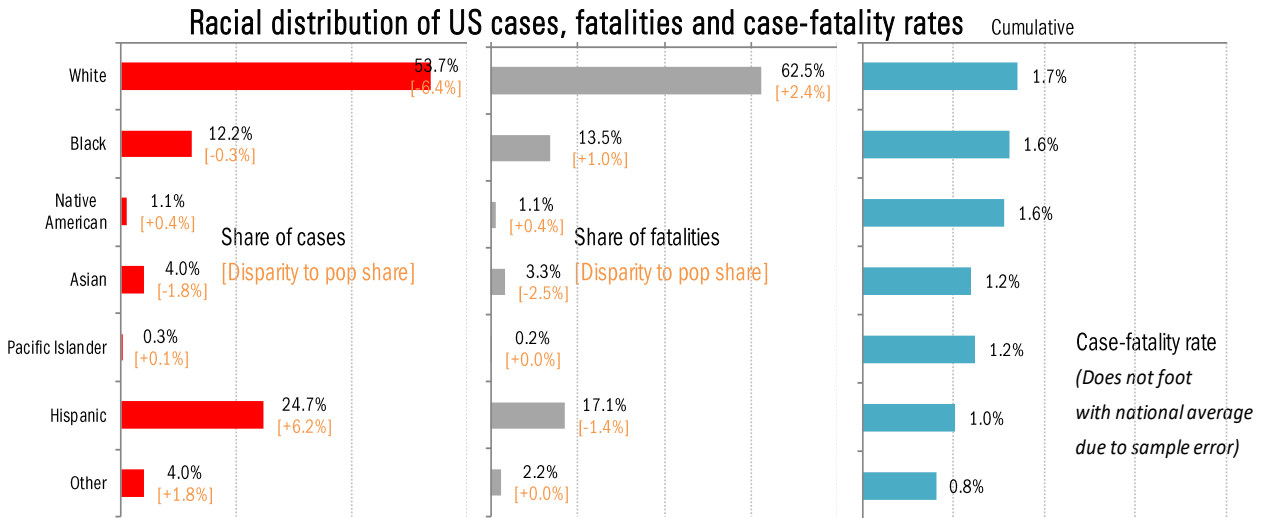
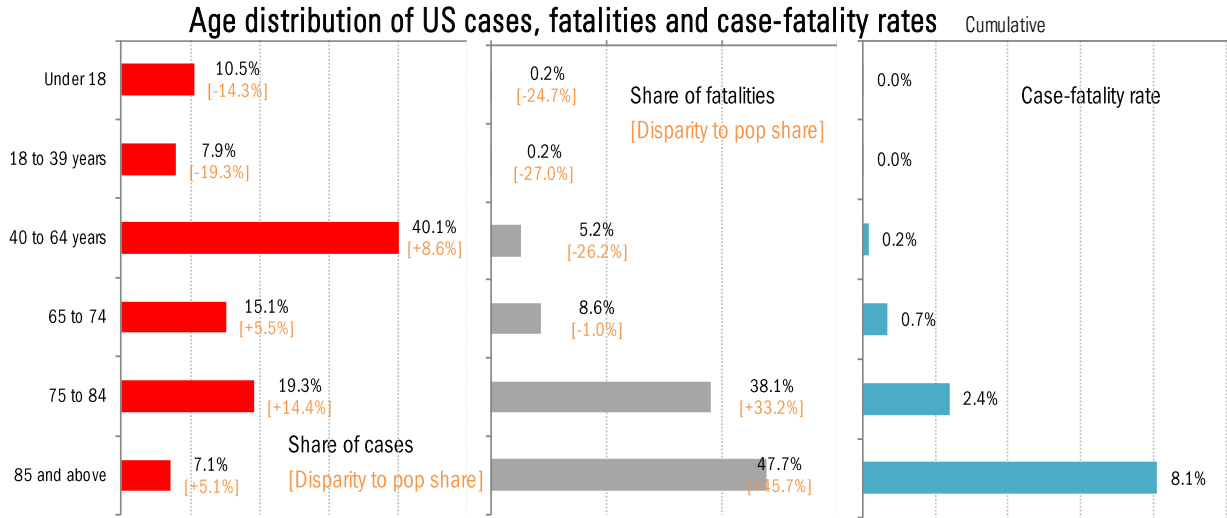
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

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

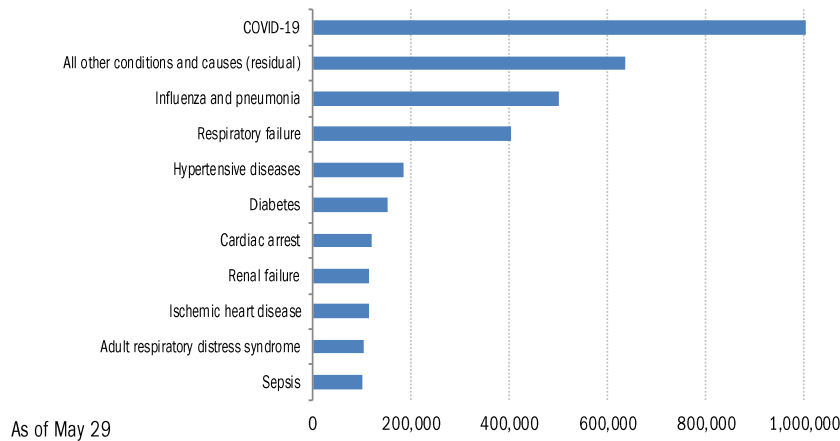


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

[Diseases suppressed during Covid are coming back in new and peculiar ways](#)

Karen Gilchrist
NBC News
June 10, 2022

[Aid Stalled, White House to Shift Testing Funds to Vaccines and Treatments](#)

Noah Weiland
New York Times
June 8, 2022

[Partly Cloudy With A 75 Percent Chance Of COVID Exposure](#)

Betsy Ladyzhets
538
June 9, 2022

[How San Francisco Became A Failed City](#)

Nellie Bowles
The Atlantic
June 8, 2022

[Aid Stalled, White House to Shift Testing Funds to Vaccines and Treatments](#)

Noah Weiland
New York Times
June 8, 2022

[Why are boosted Americans testing positive for COVID more than those without extra shot?](#)

Julia Marnin
McClatchy Washington Bureau
June 7, 2022

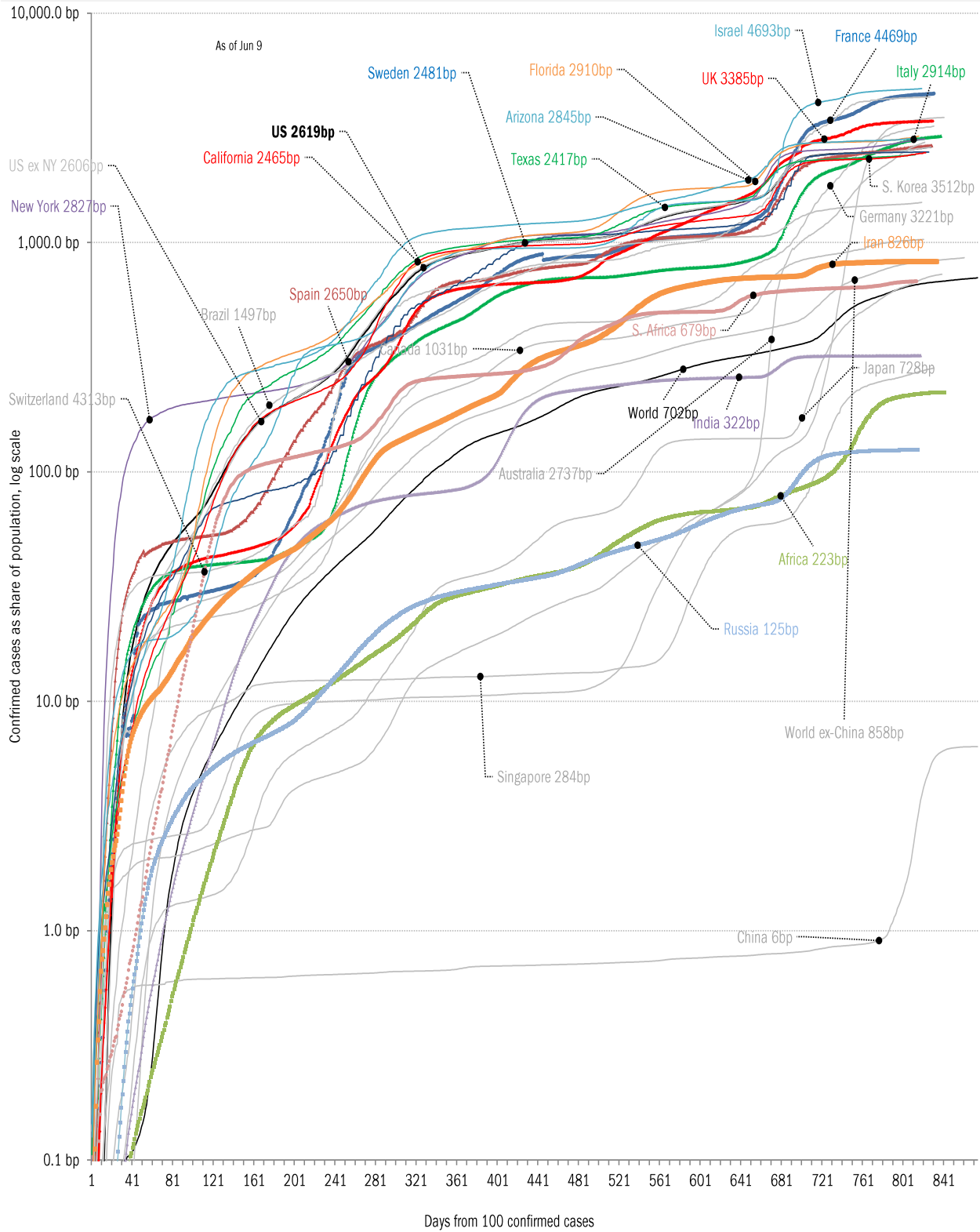
Meme of the day



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

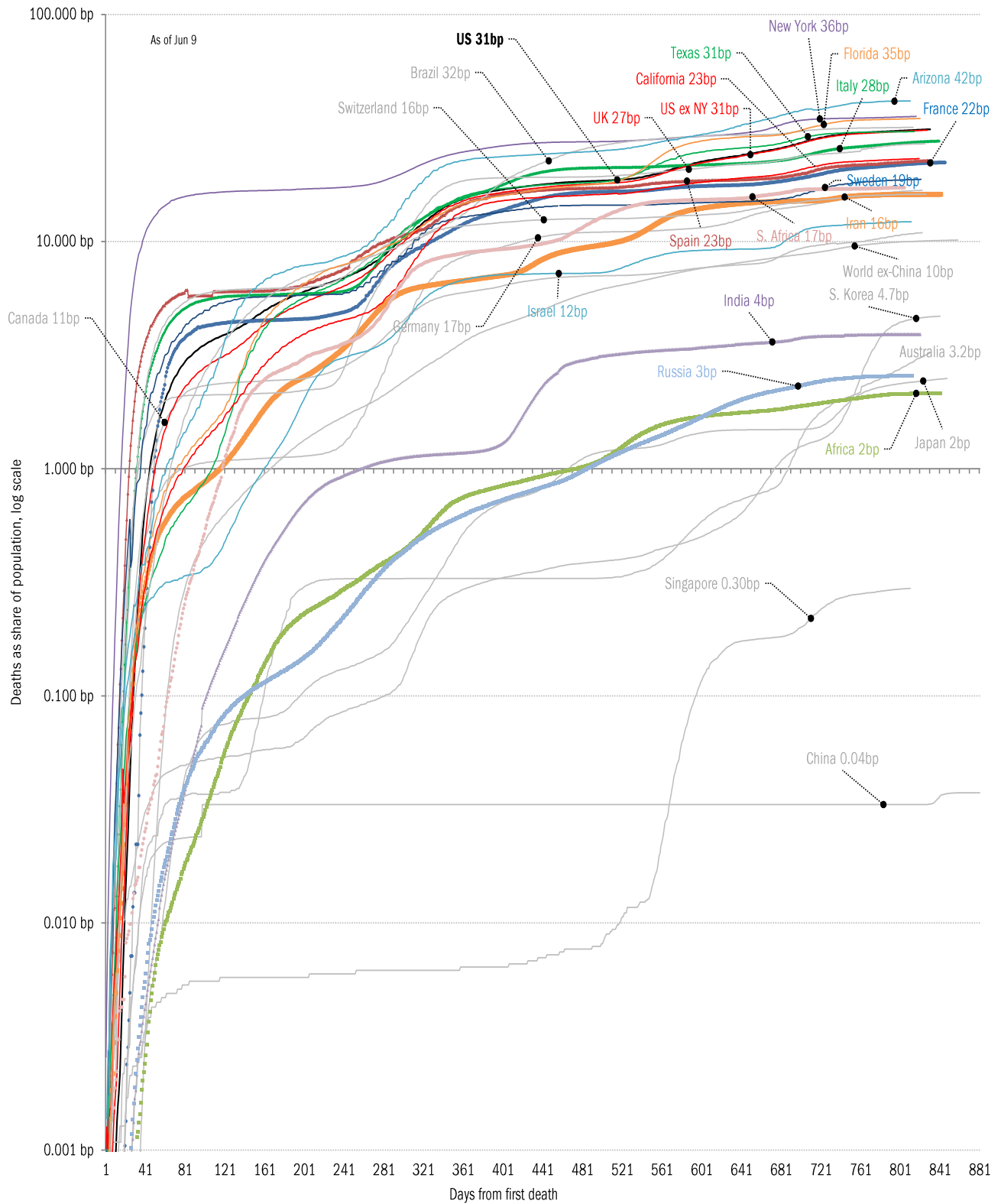
The global coronavirus case accelerometer... tracking the world's infection curves

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

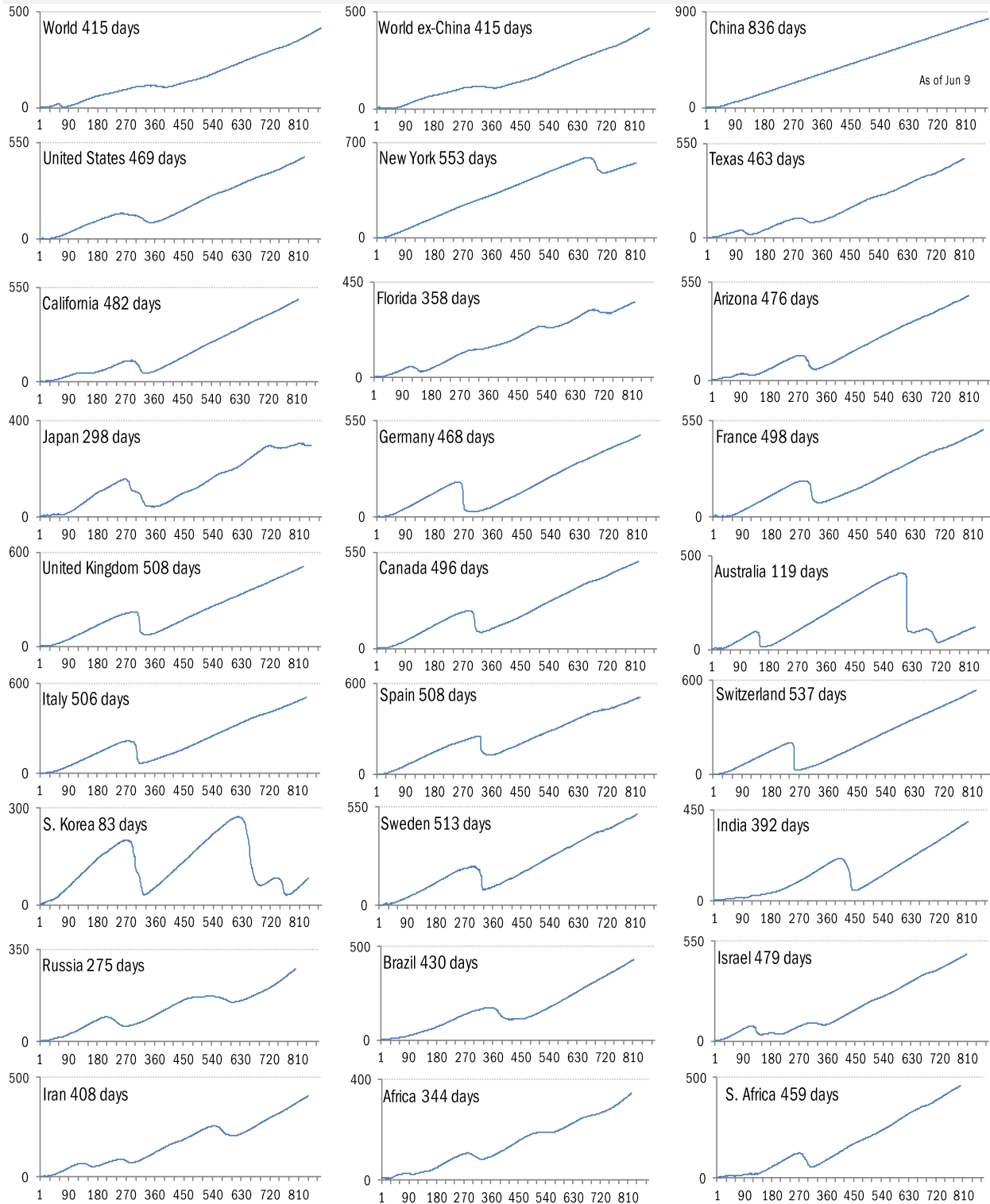


Source: [Johns Hopkins](#), TrendMacro calculations

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

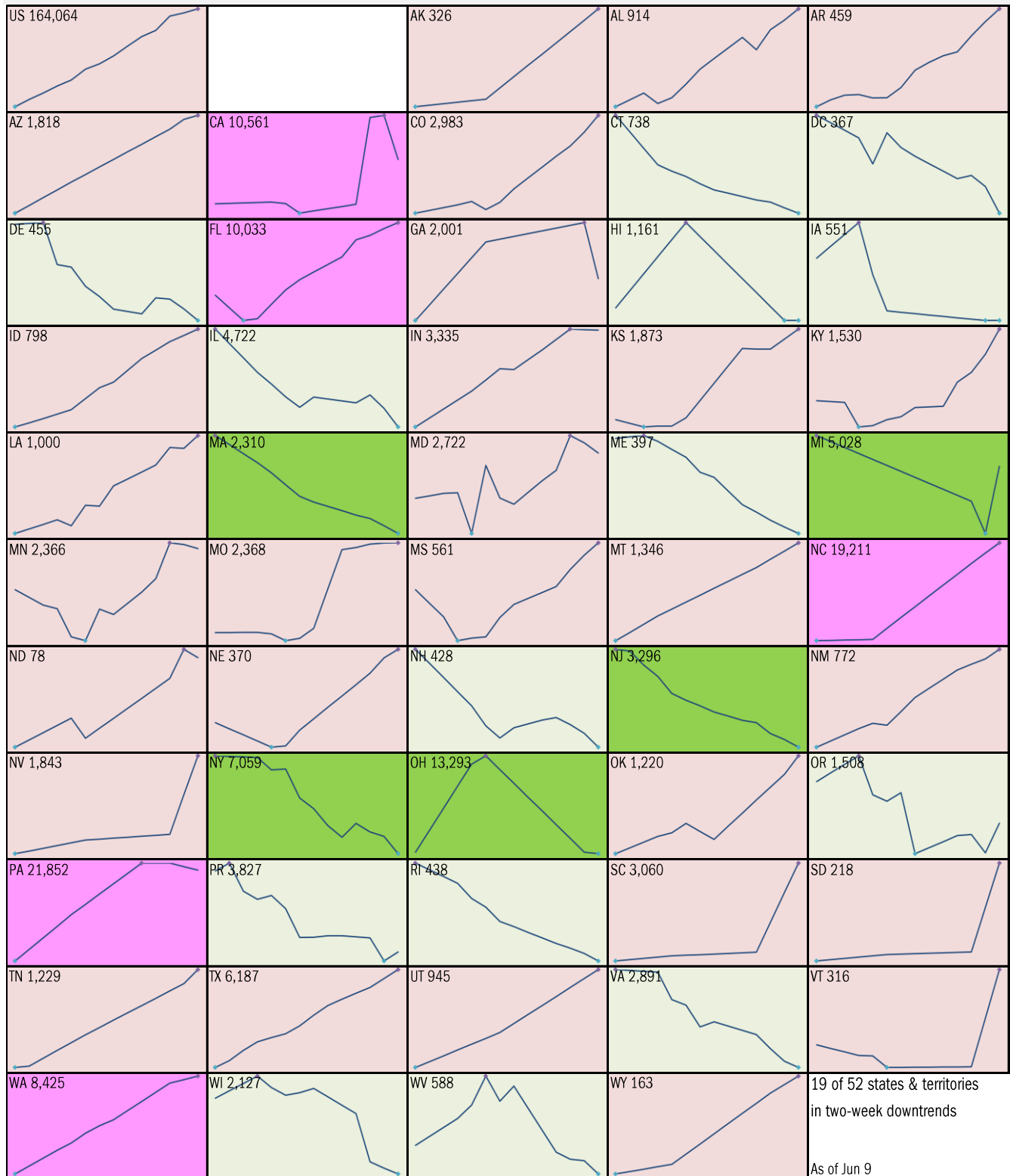


Source: [Johns Hopkins](#), TrendMacro calculations

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

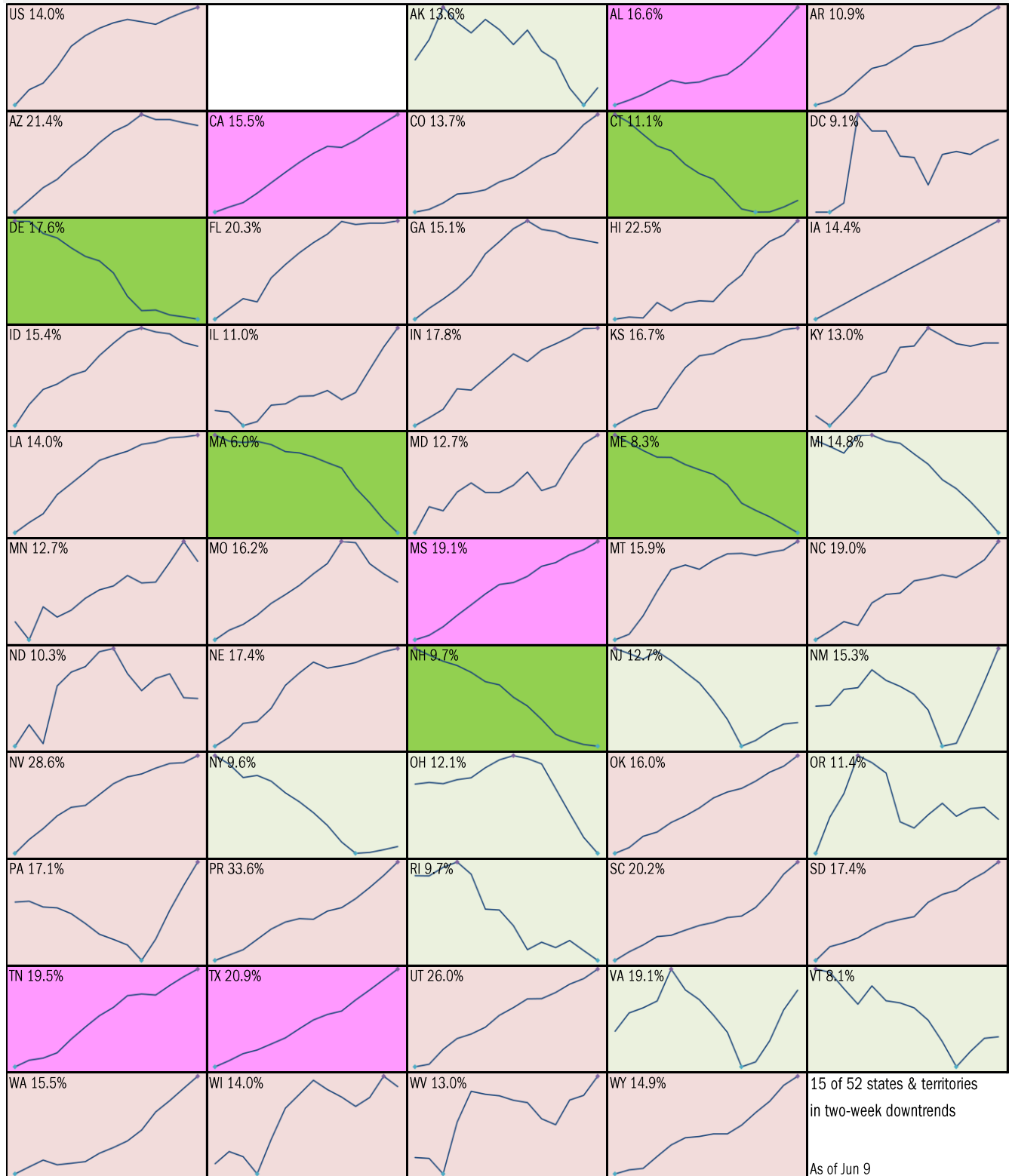


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

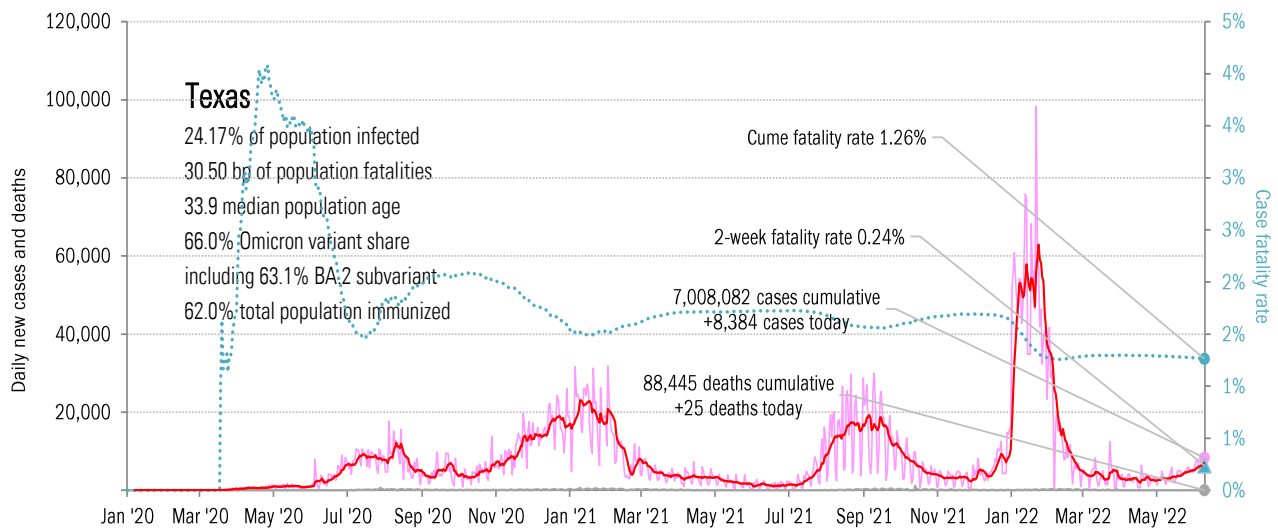
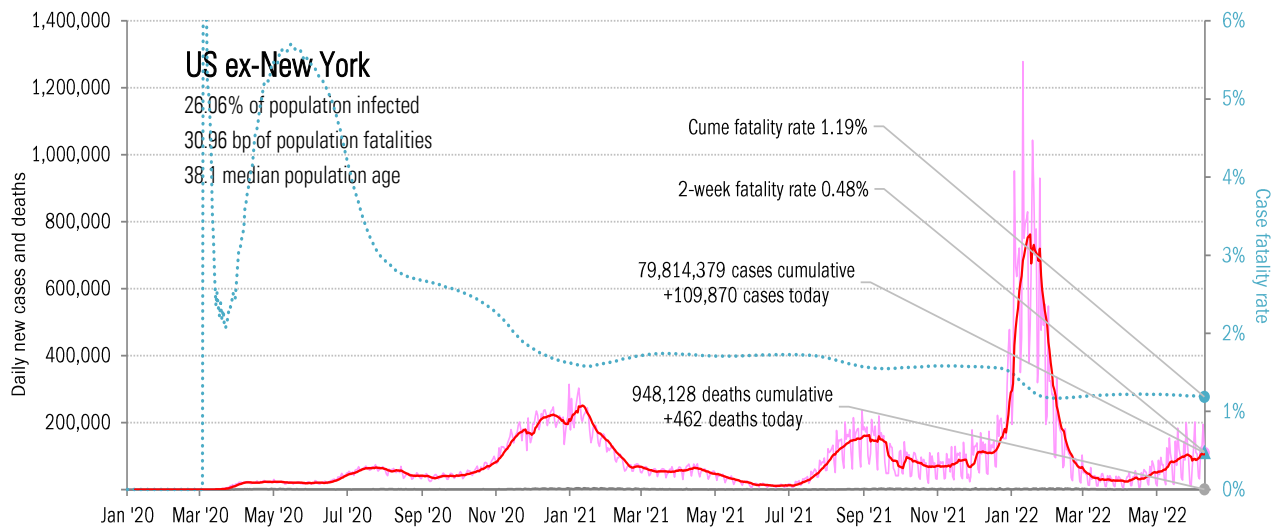
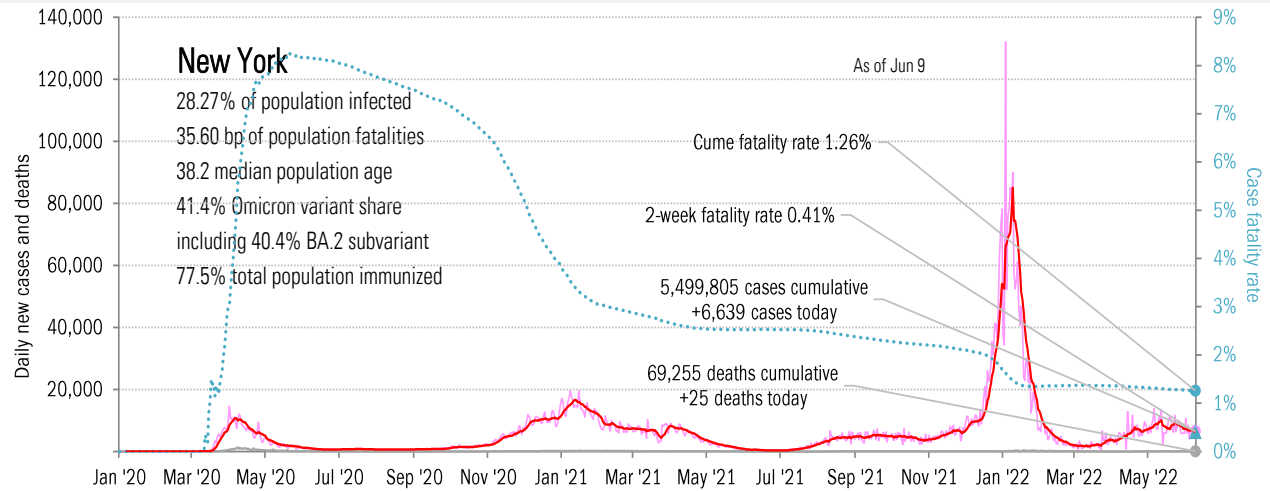
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

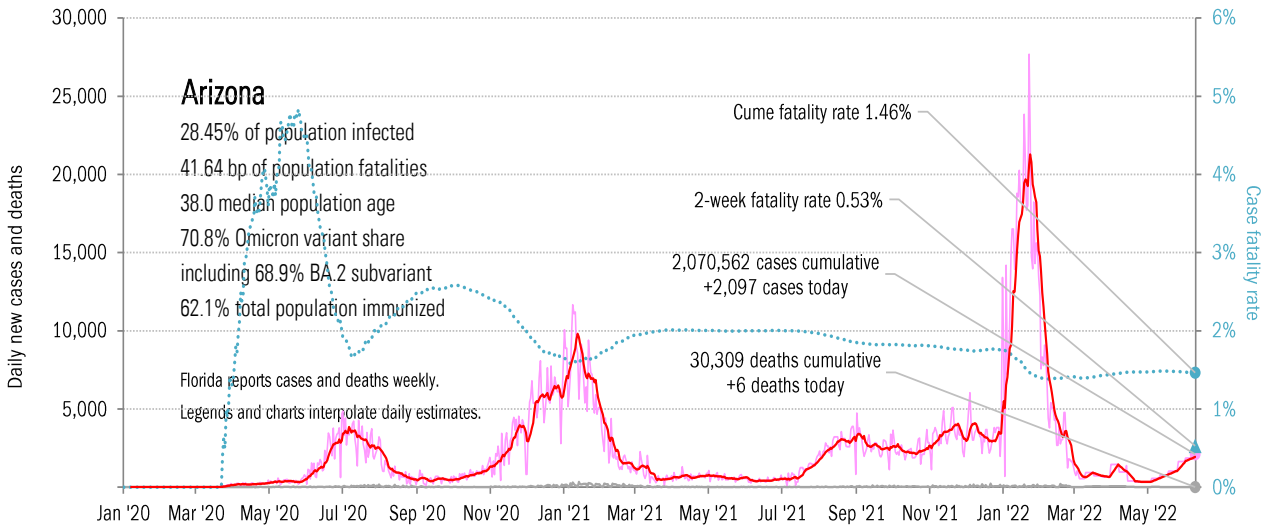
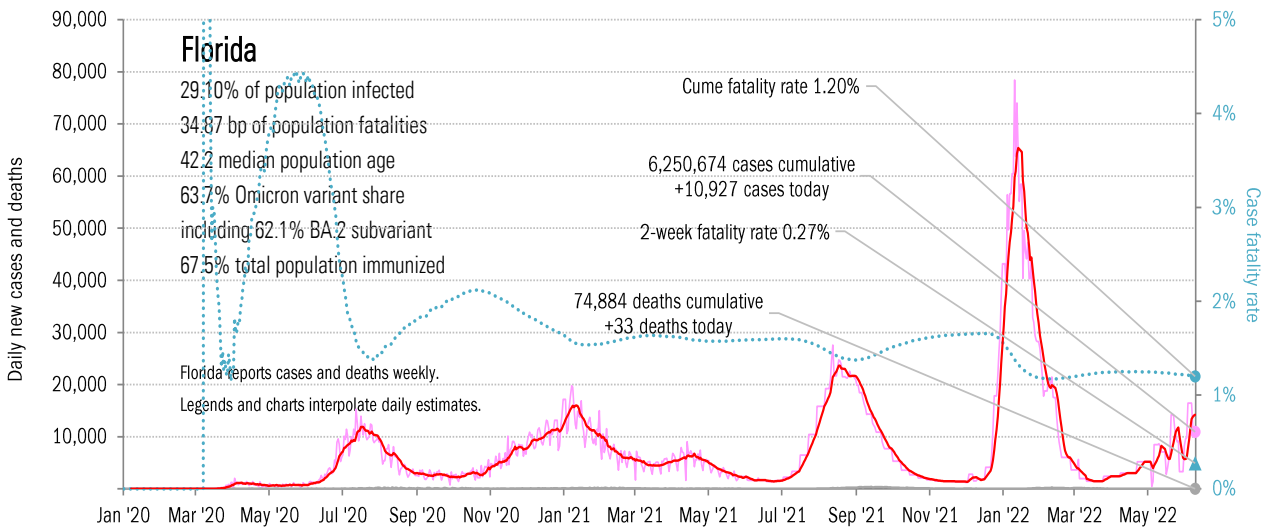
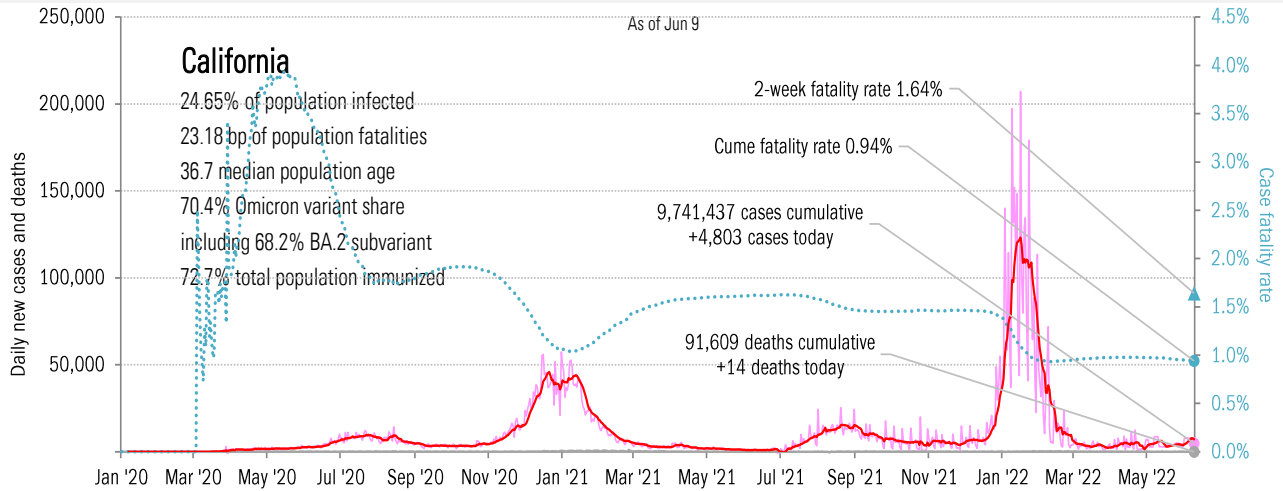
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

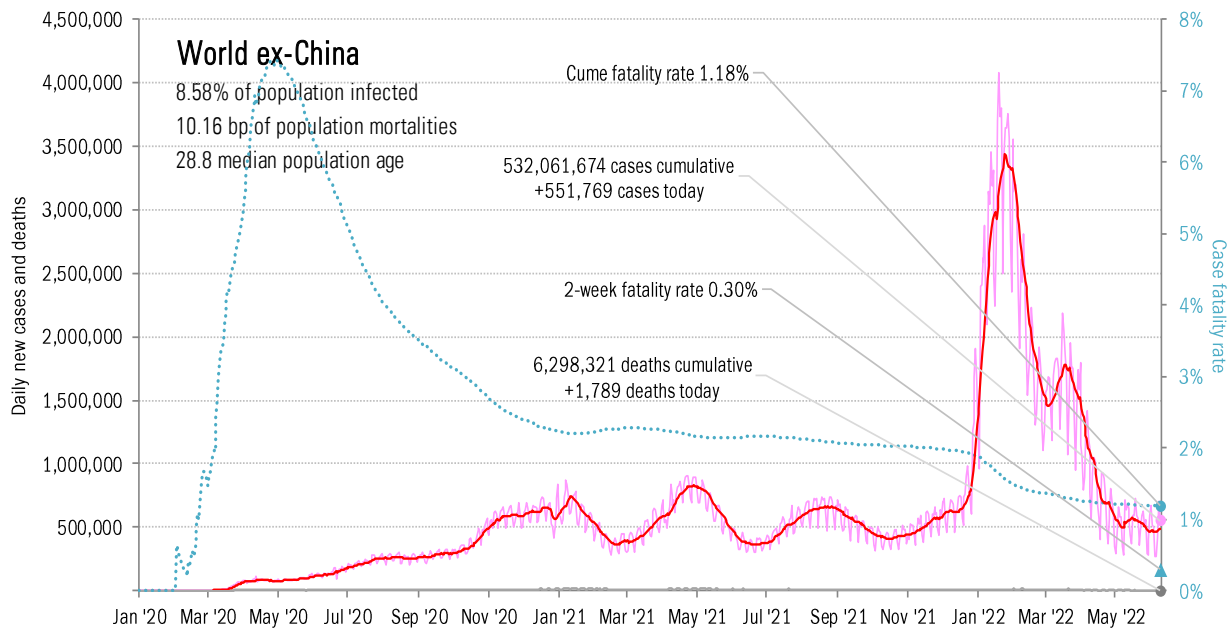
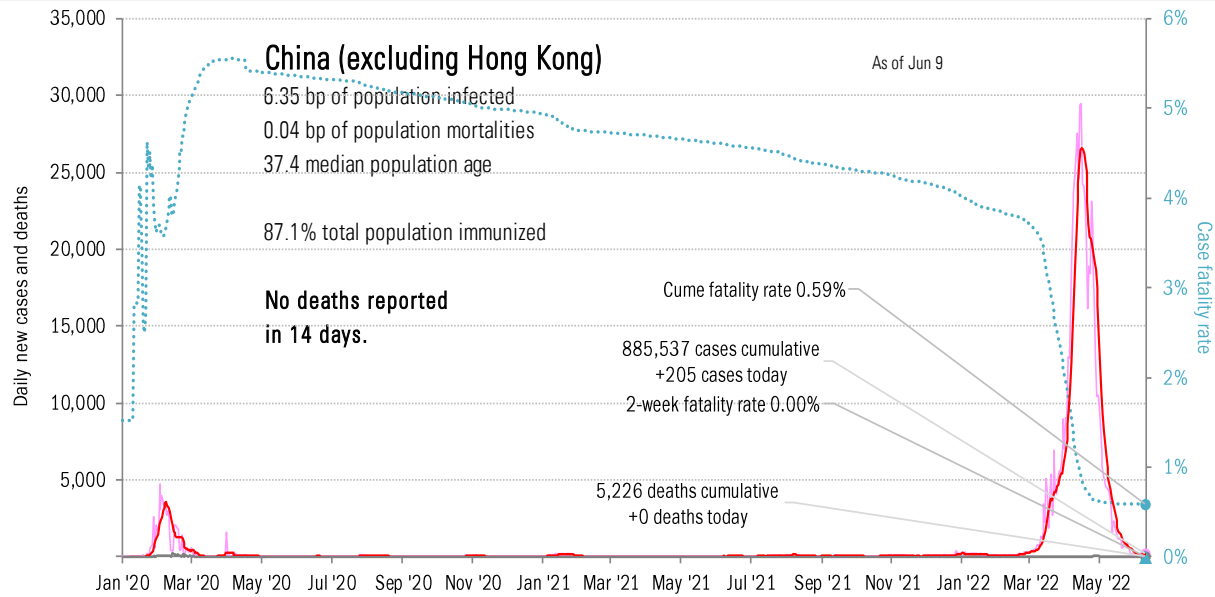
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

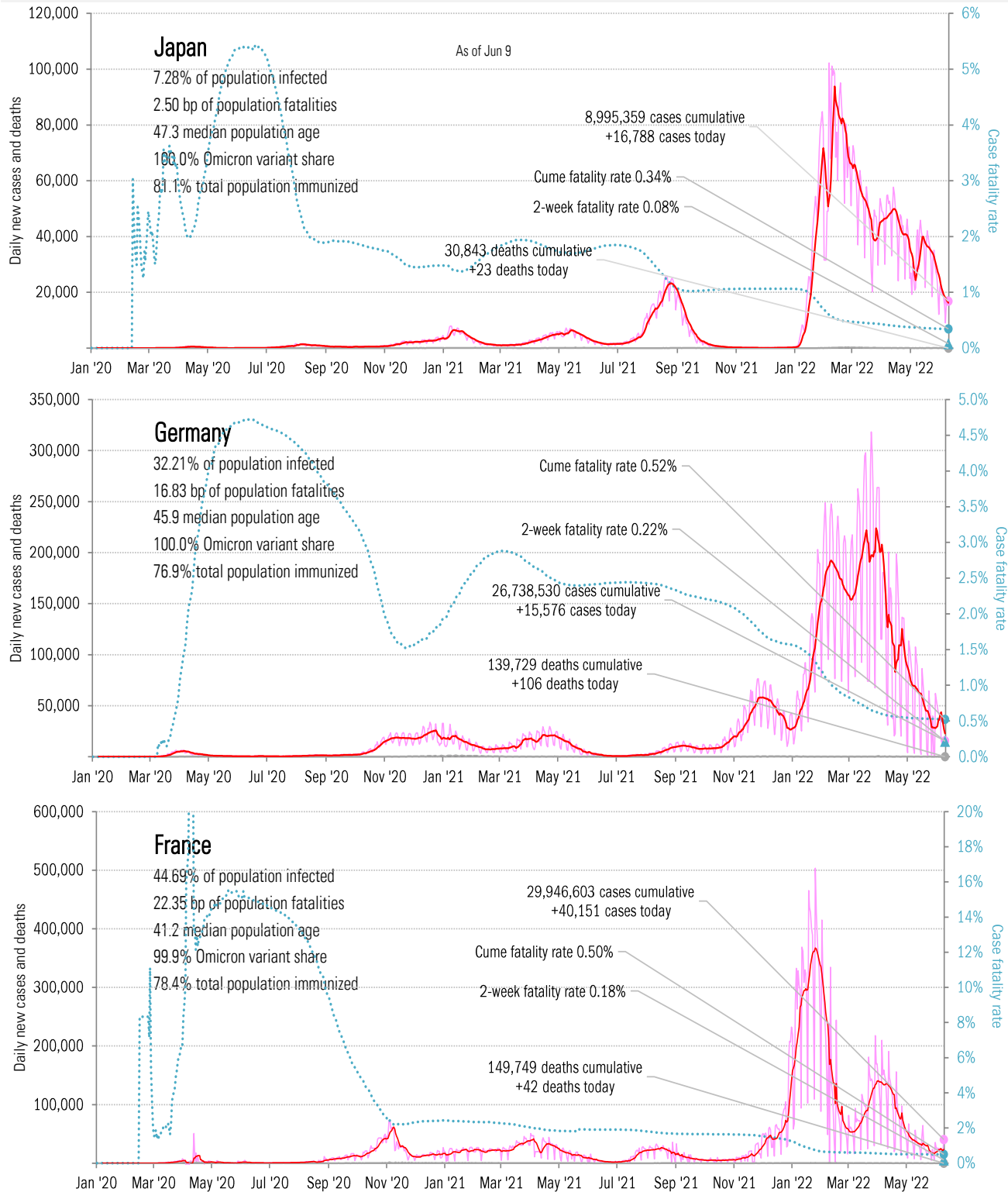
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

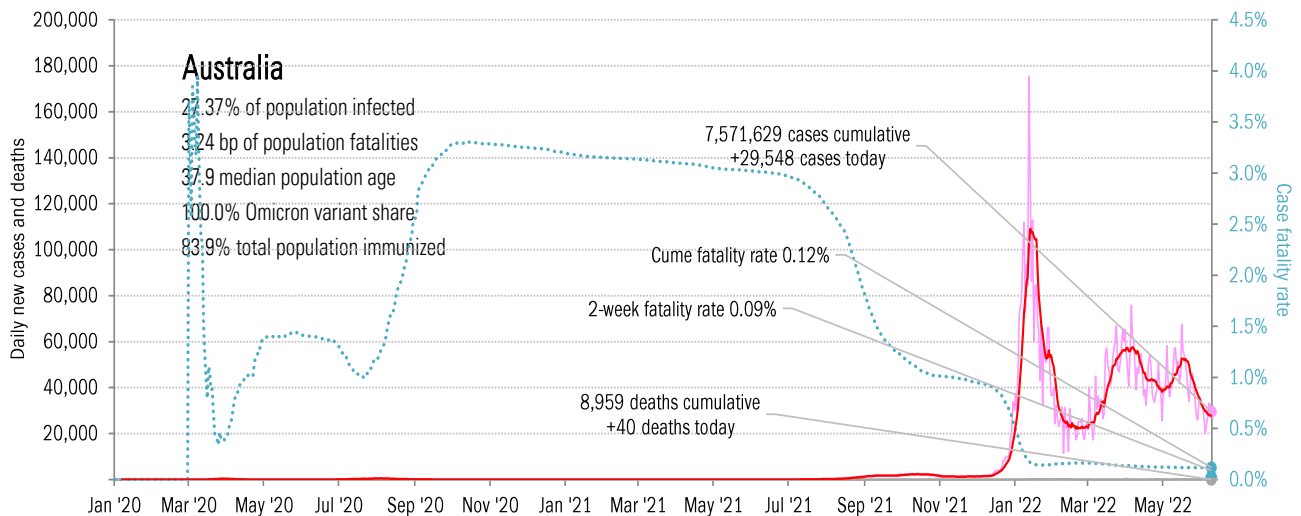
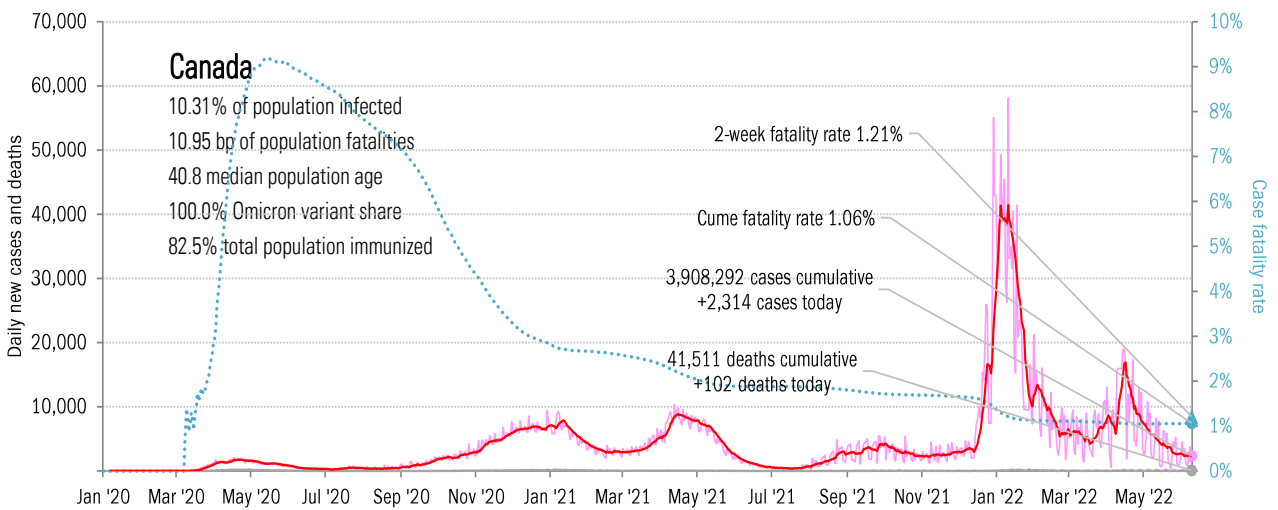
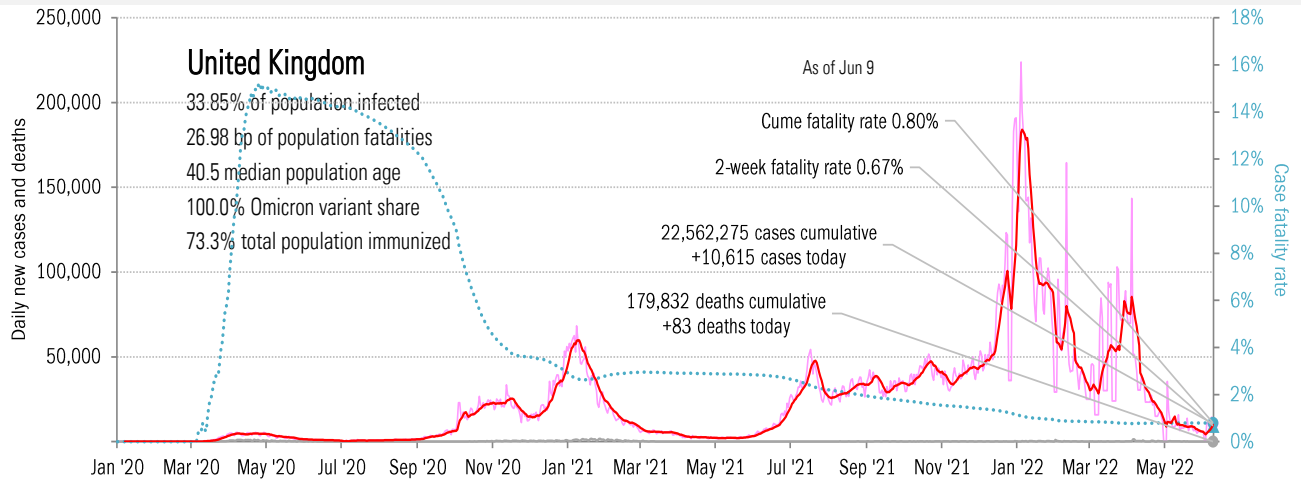
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

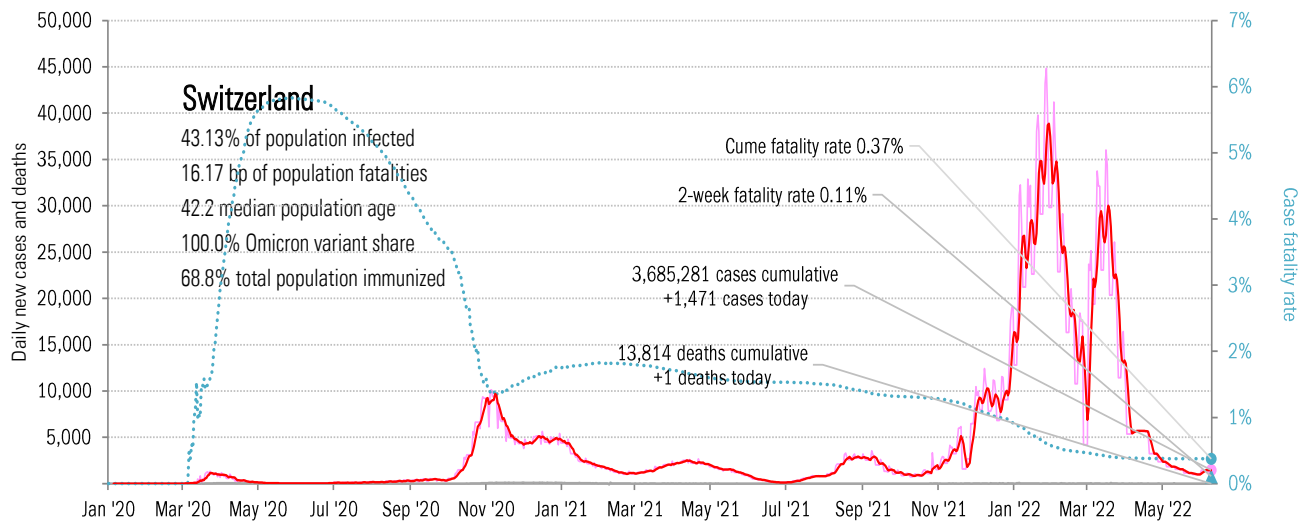
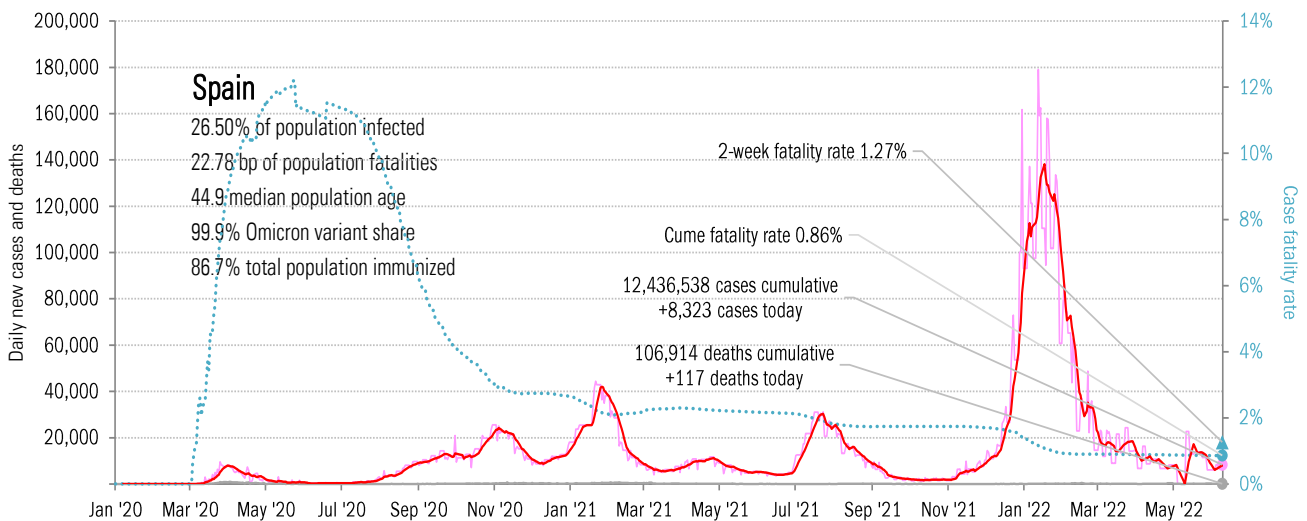
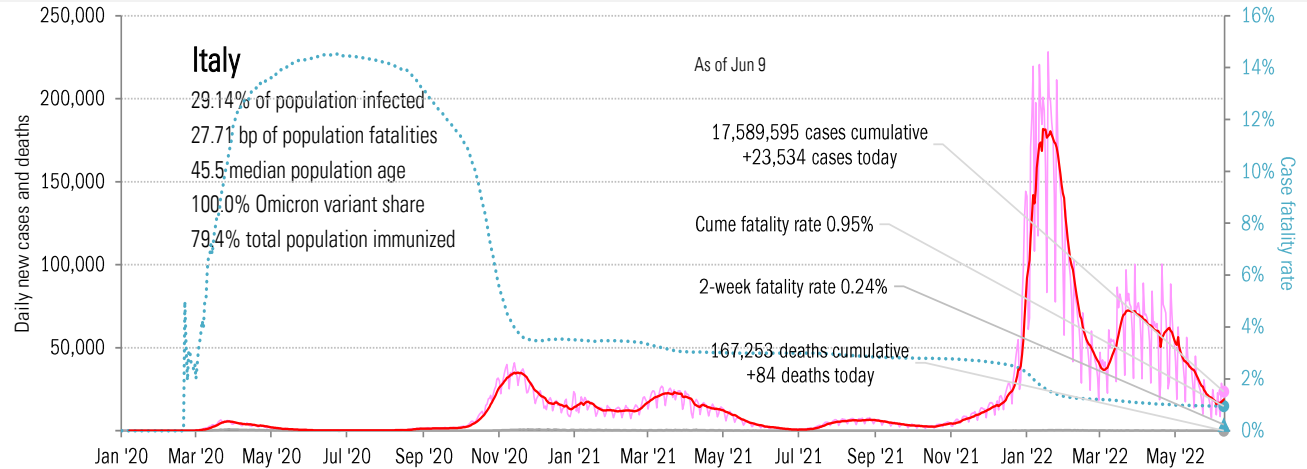
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

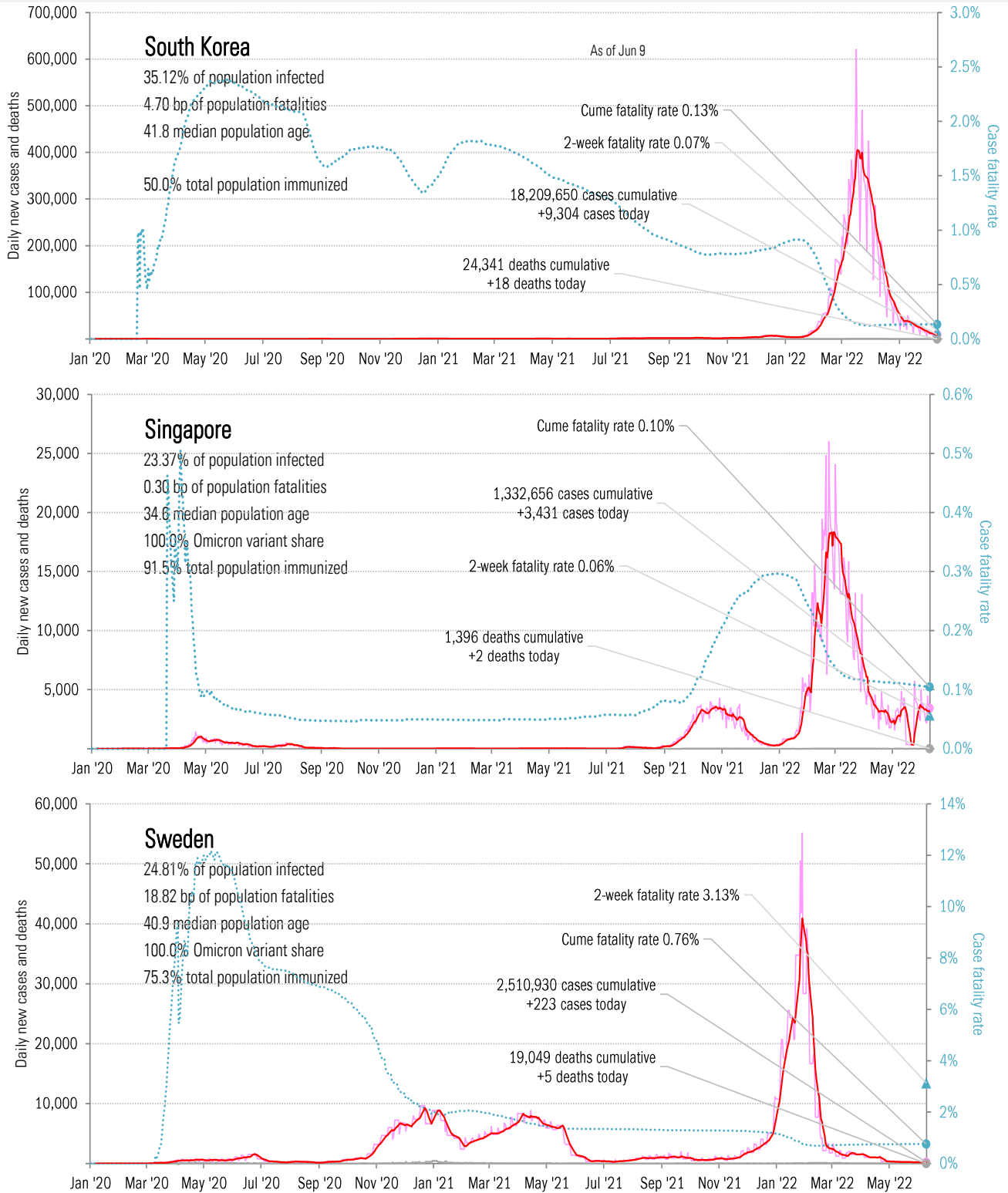
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

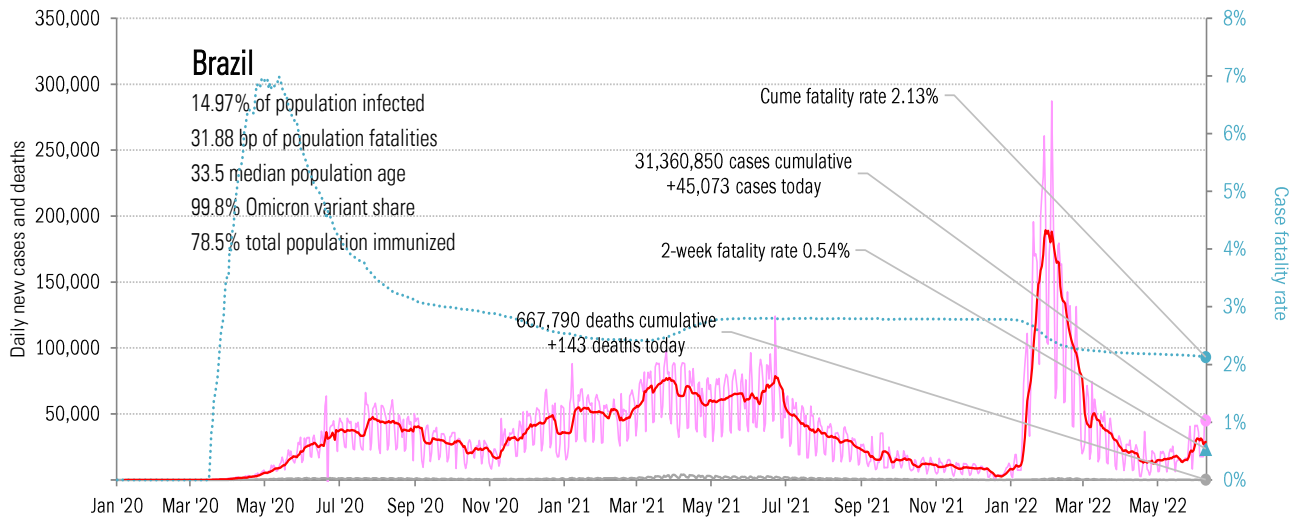
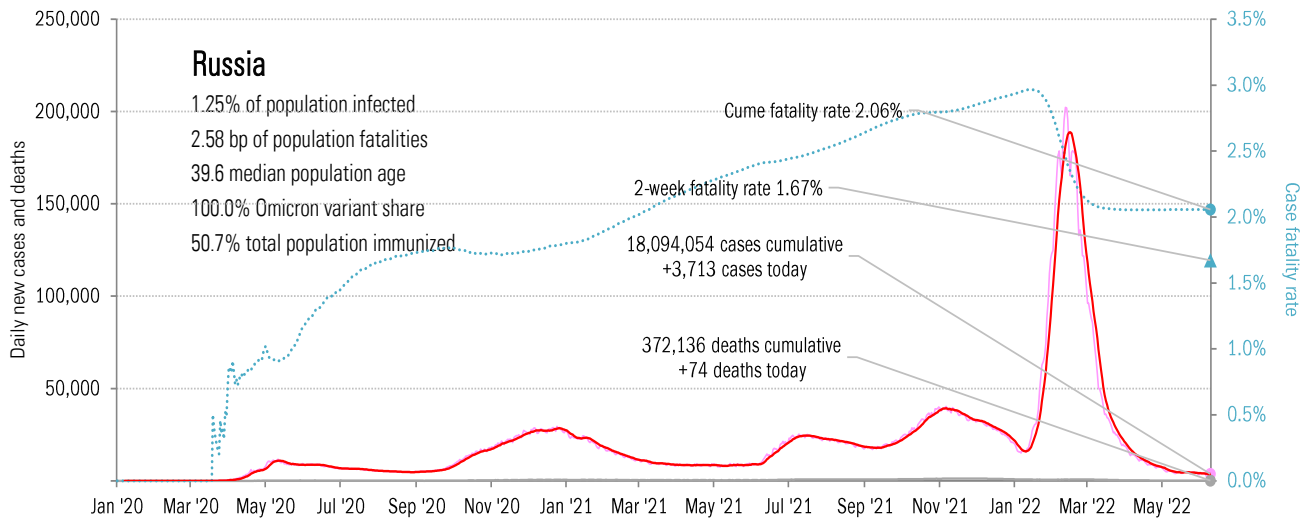
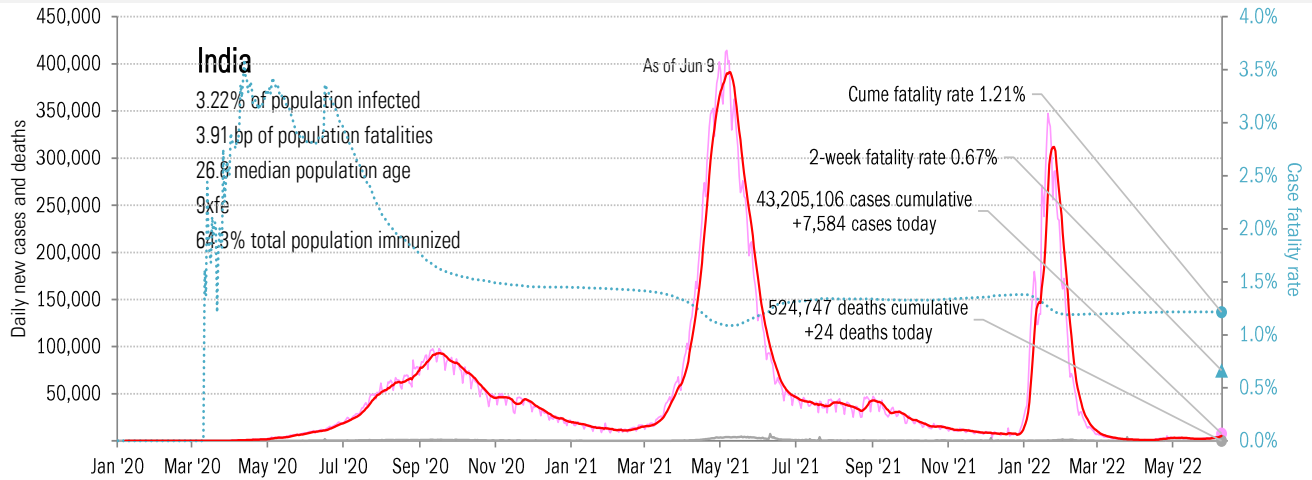
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

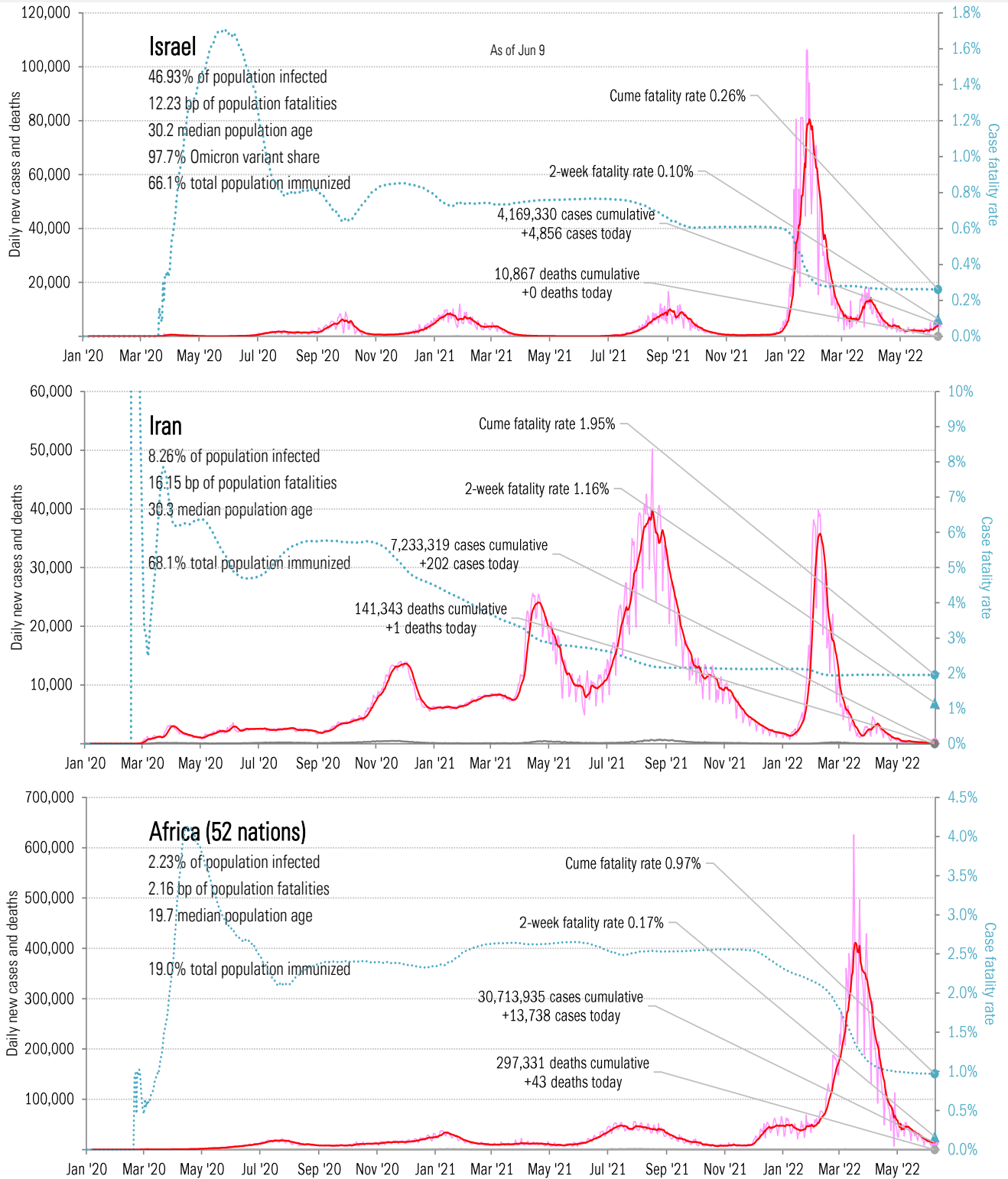
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

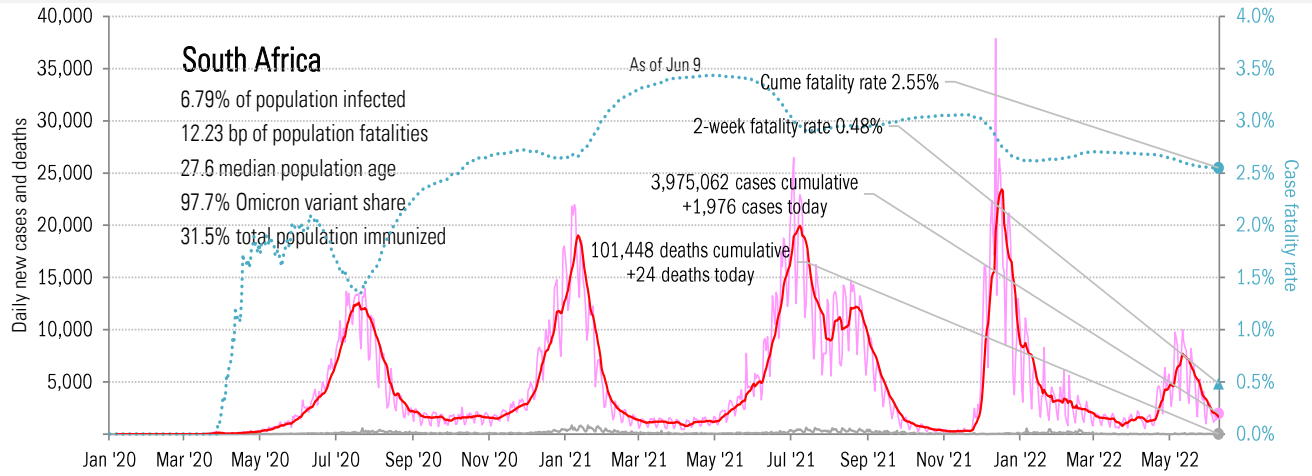
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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