

Data Insights: Covid-2019 Monitor

Thursday, July 7, 2022

The global scorecard

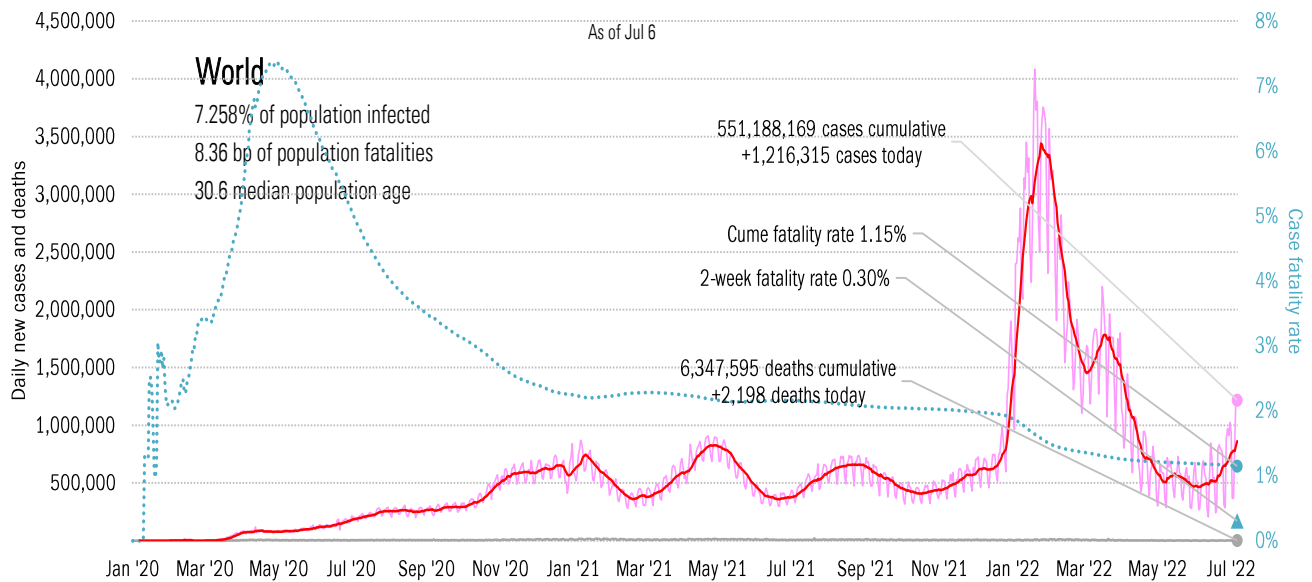
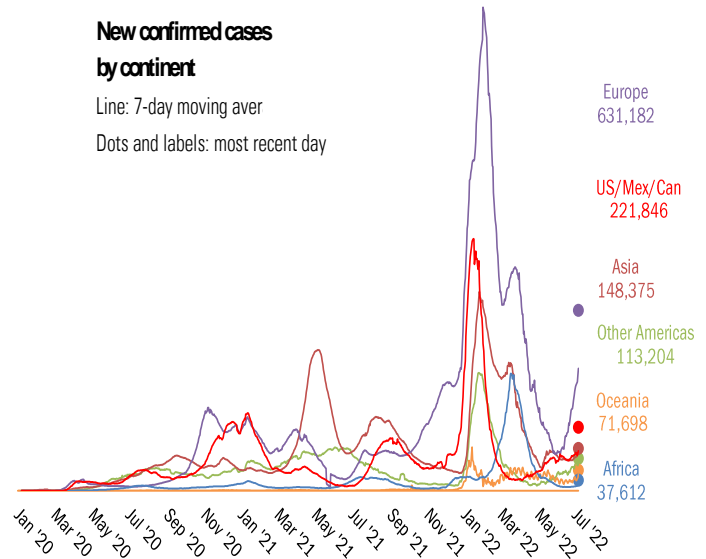
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	189,695	United States	484
France	154,816	Brazil	361
United Kingdom	143,888	United Kingdom	303
Germany	135,402	Germany	108
Italy	110,017	Taiwan*	95
Brazil	77,166	Norway	78
Japan	45,794	Italy	72
Australia	43,130	Australia	61
Taiwan*	34,561	Mexico	60
Mexico	31,116	Israel	58
965,585		1,680	
World	1,216,315	World	2,198
Top ten	79%	Top ten	76%

New confirmed cases by continent

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



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

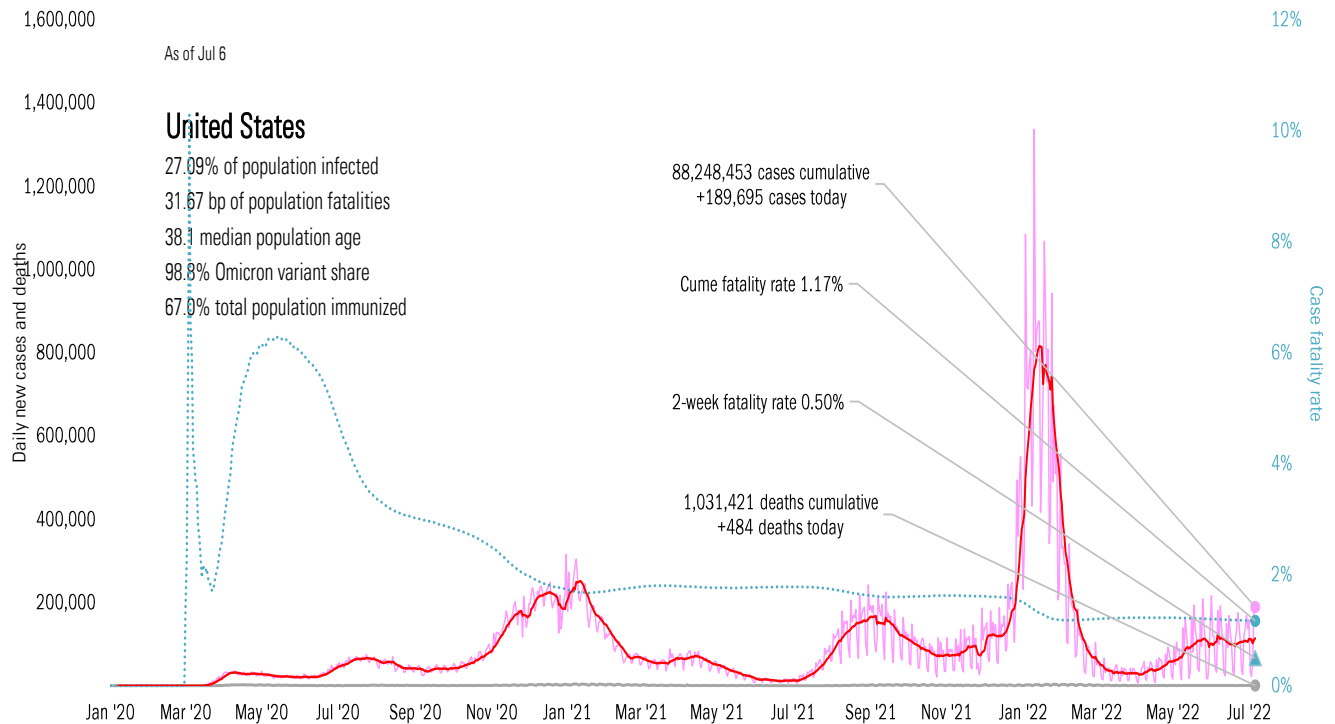
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use			
NC	25,462		GA	106		KY	84		CA	10,229,276		CA	92,510		TX	506,940		RI	91%		NM	85%	
GA	19,989		TN	89		AL	101		TX	7,250,238		TX	88,785		CA	453,448		WA	84%		TX	85%	
SC	13,733		PA	55		MI	96		FL	6,536,185		FL	76,097		FL	447,008		MA	83%		RI	83%	
WA	11,465		NC	48		MS	59		NY	5,643,661		NY	69,753		NY	272,351		MN	82%		WA	81%	
TX	10,695		FL	43		ME	16		IL	3,451,749		PA	45,821		GA	210,767		MD	80%		DE	80%	
PA	10,613		NY	38		RI	7		PA	3,018,129		CH	38,852		CH	200,639		DC	80%		DC	79%	
FL	9,710		CA	35		ND	12		NC	2,892,680		GA	38,685		PA	187,688		DE	79%		NC	79%	
NV	8,143		NV	35		UT	49		CH	2,848,453		IL	38,633		IL	169,665		PA	78%		MA	78%	
IN	6,379		WA	28		AS	6		GA	2,667,557		MI	36,982		MI	150,499		NH	78%		PA	78%	
IL	5,482		MA	26		DC	17		MI	2,619,533		NJ	34,083		KY	136,545		MO	77%		NE	76%	
121,671			503			447			47,157,461			560,201			2,735,550								
All states 189,695			484			4,890			All states 88,248,453			1,031,421			4,968,708			All states 70%		67%			
Top ten 64%			104%			9%			Top ten 53%			55%			55%			Median 70%		67%			

Some states not reporting

Five most improved US states

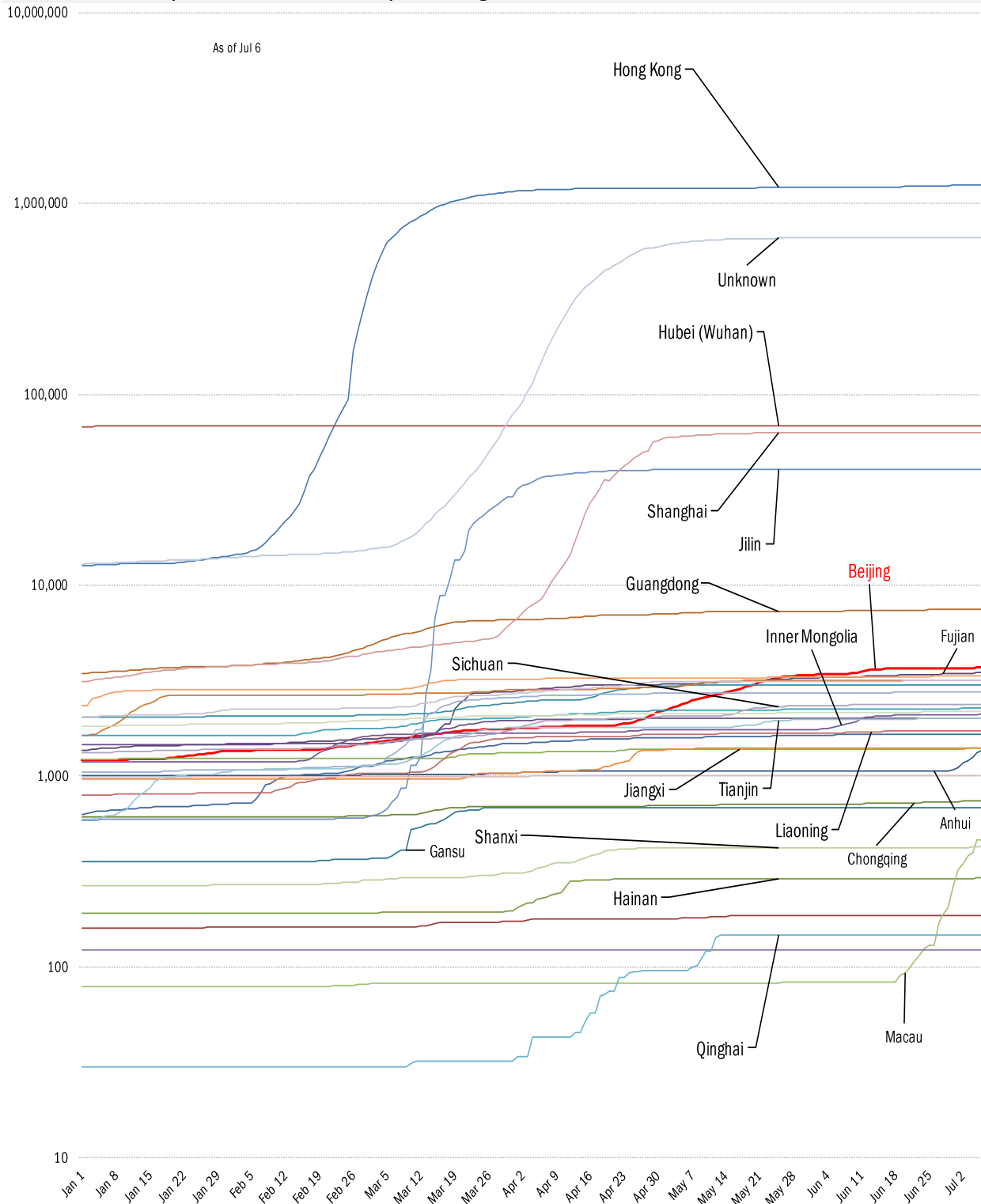
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CA	-46,572	FL	-120	CA	-156	WY	+434 bp
TX	-25,833	MI	-64	TX	-100	MO	+420 bp
MI	-13,102	CA	-37	NC	-61	PA	+414 bp
TN	-7,418	TX	-10	AR	-46	AZ	+409 bp
NY	-7,275	WV	-5	PA	-42	ID	+404 bp



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

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

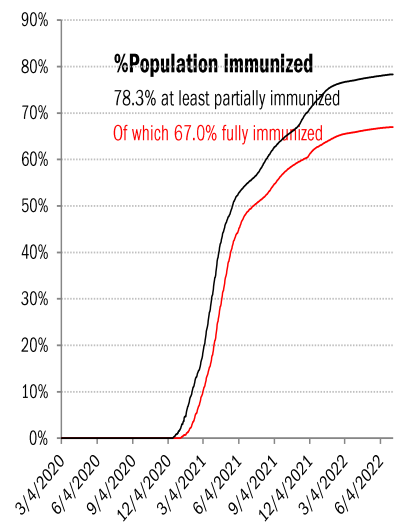
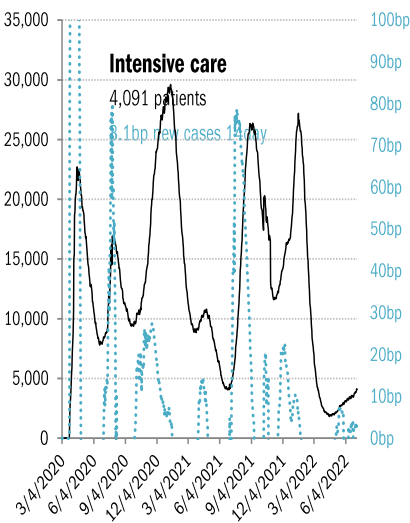
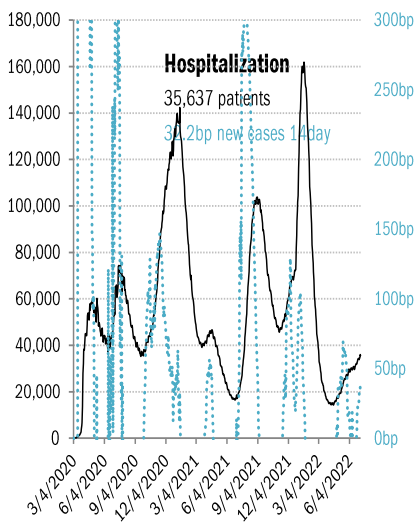
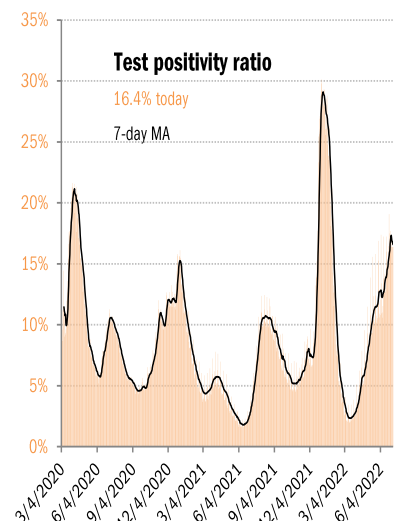
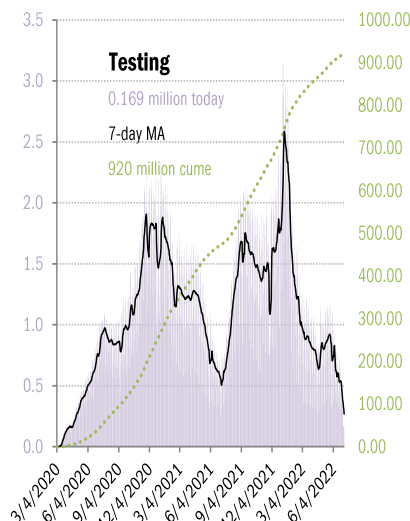
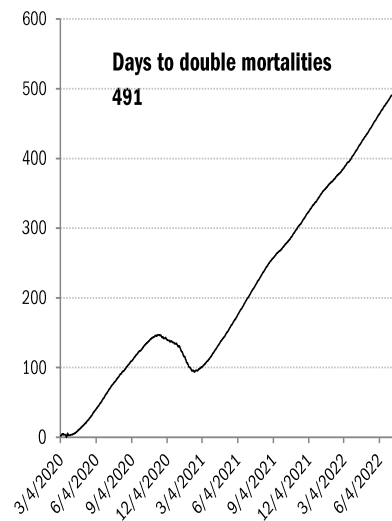
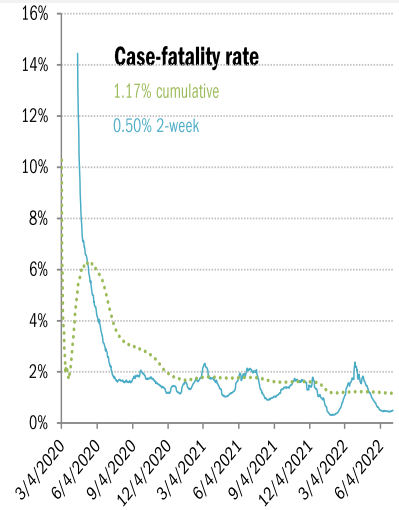
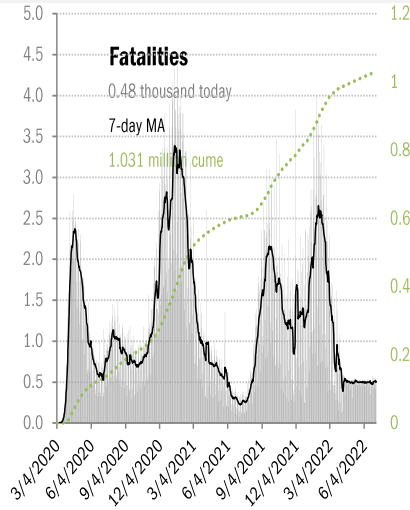
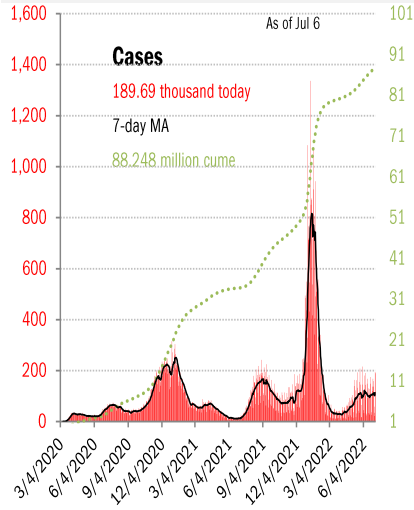
Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



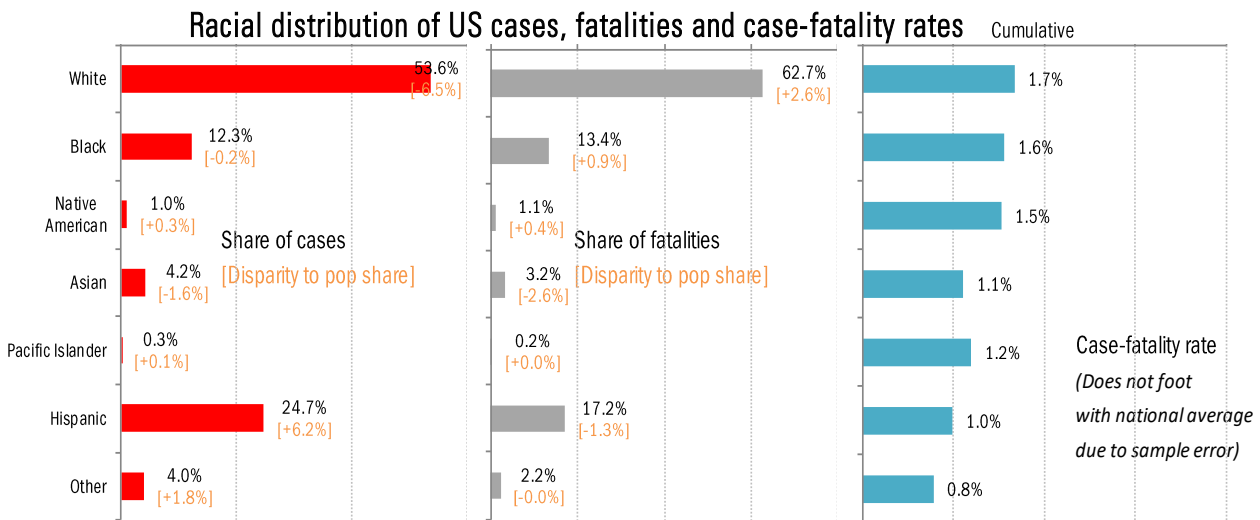
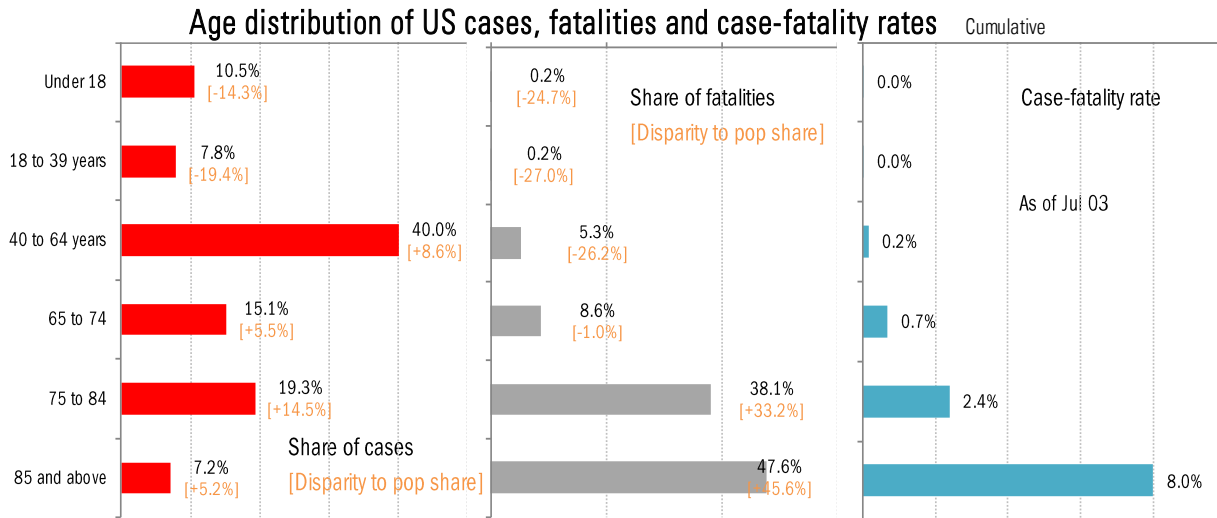
Source: [Johns Hopkins](#), TrendMacro calculations

US deep-dive

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

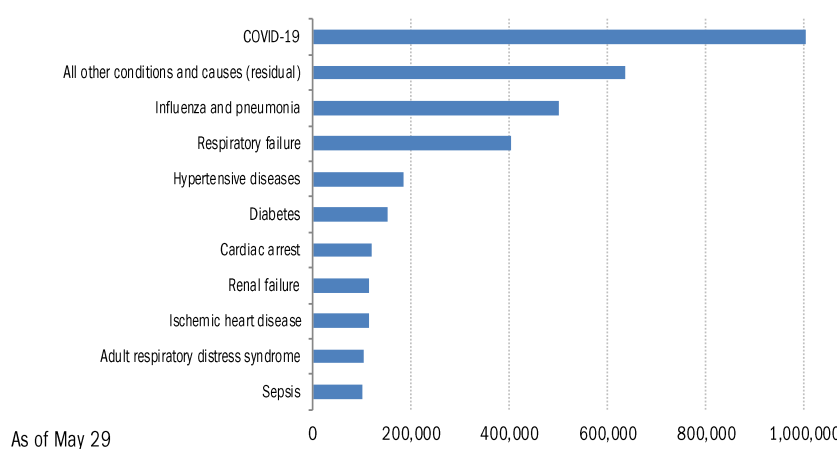


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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 by the CDC while making "system upgrades."

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

Recommended reading

[BA.5, now dominant U.S. variant, may pose the biggest threat to immune protection yet](#)

Aria Bendix
NBC
July 6, 2022

[The Shift to Remote Work Lessens Wage-Growth Pressures](#)

Jose Maria Barrero et al.
NBER
July 2022

[Lies, Damned Lies, and Fact Checks](#)

Paul D. Thacker
The Disinformation Chronicle
July 5, 2022

[Education Department says 250K tutors needed to undo damage from virtual learning](#)

Jeremiah Poff
Washington Examiner
July 5, 2022

[Do mask mandates work? Bay Area COVID data from June says no.](#)

Eric Ting
SF Gate
June 30, 2022

[Why the Rush for Toddler Vaccines?](#)

Allysia Finley
Wall Street Journal
July 4, 2022

[The CDC Is Breaking Trust in Childhood Vaccination](#)

Leslie Bienen and Tracy Beth Høeg
Tablet
July 5, 2022

[China's Shanghai announces two new rounds of mass COVID testing](#)

Reuters
July 5, 2022

[Hello Twitter](#)

Alex Berenson
Unreported Truths
July 6, 2022

[Canada to throw out 13.6 million doses of AstraZeneca COVID-19 vaccine](#)

AP
July 6, 2022

Meme of the day



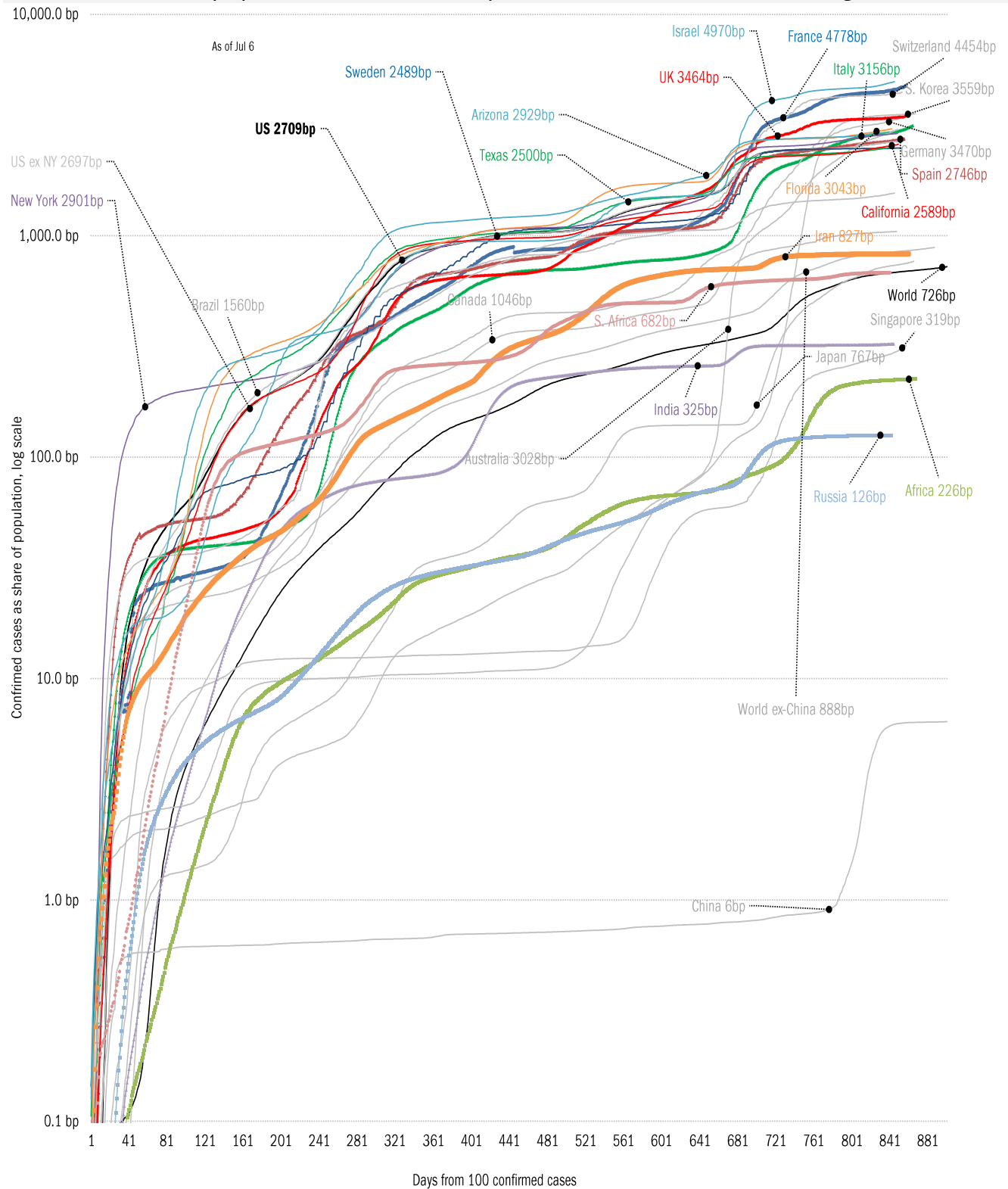
My "permanent" suspension lasted 10 months. About twice as long as vaccine "immunity."

If you can't trust @Twitter @Pfizer who can you trust?

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

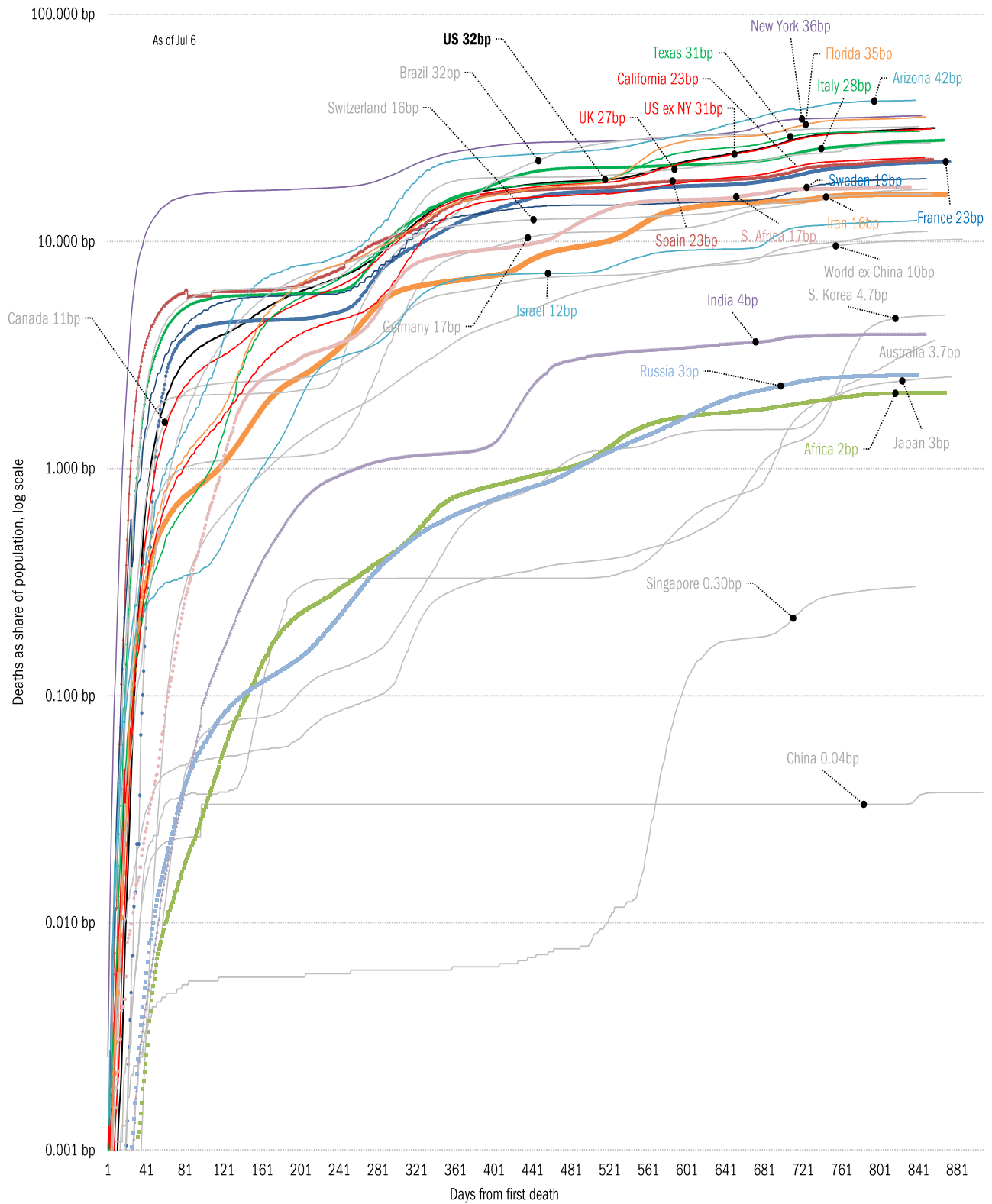
The global coronavirus case accelerometer... tracking the world's infection curves

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

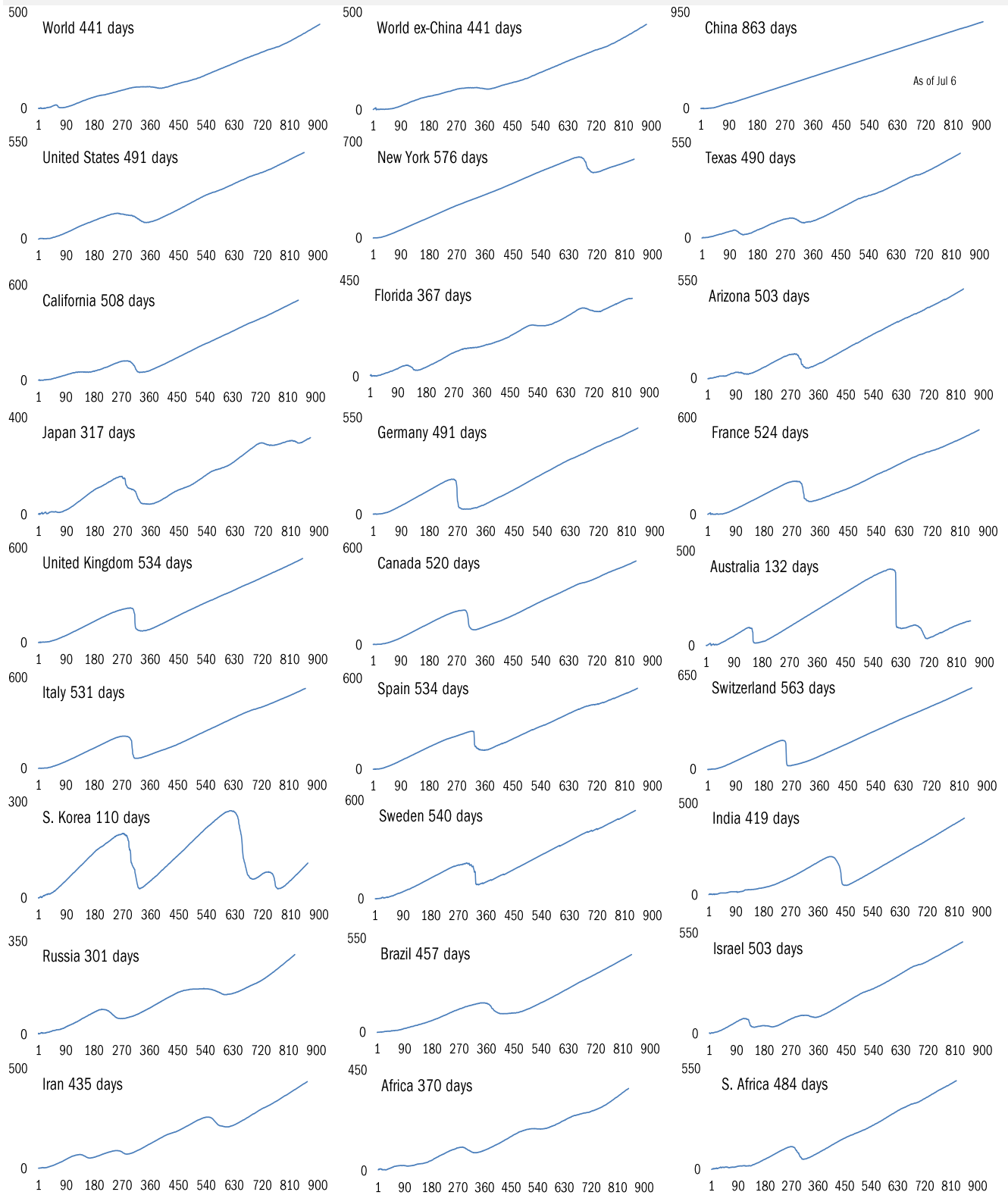


Source: [Johns Hopkins](#), TrendMacro calculations

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

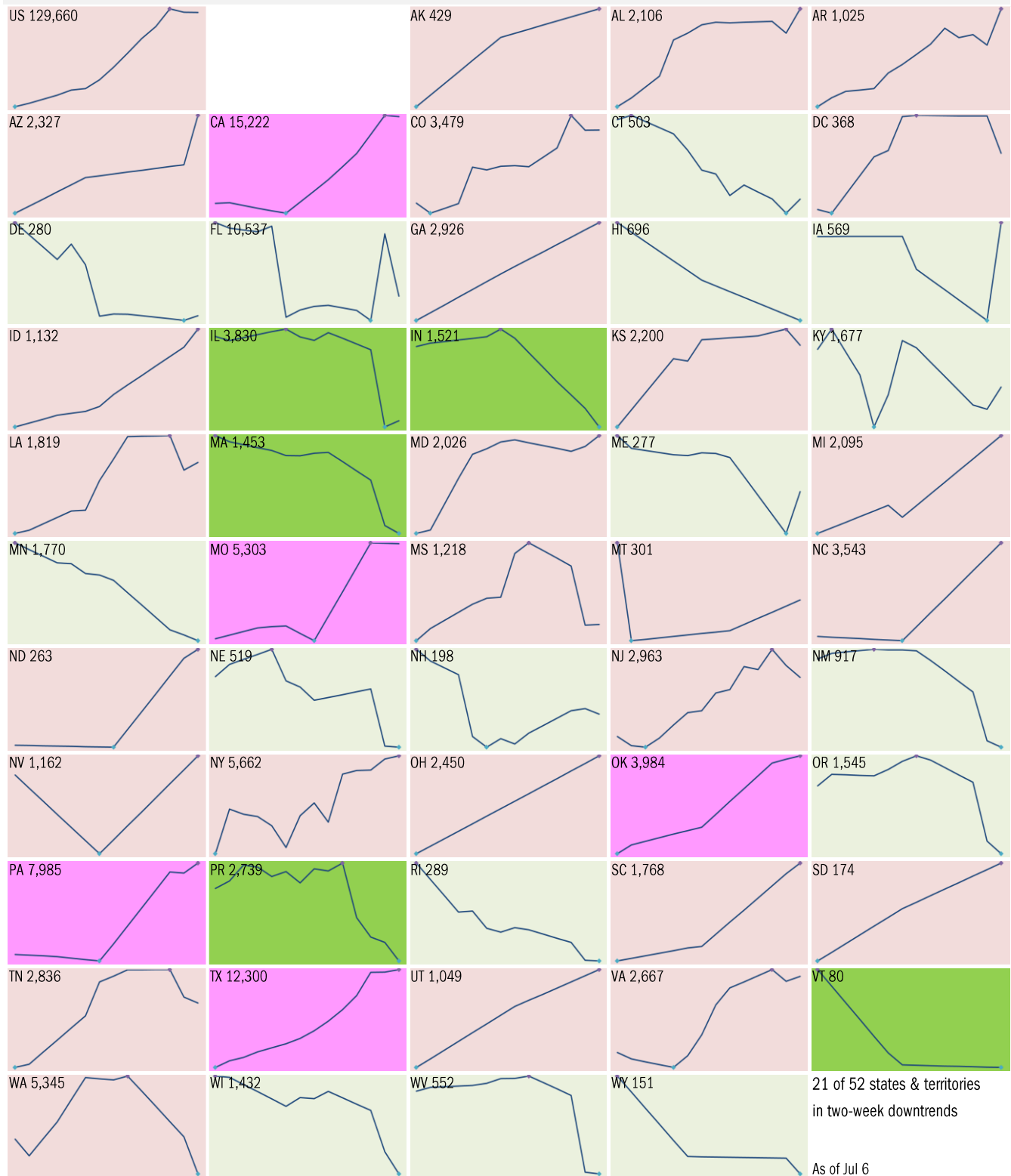


Source: [Johns Hopkins](#), TrendMacro calculations

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

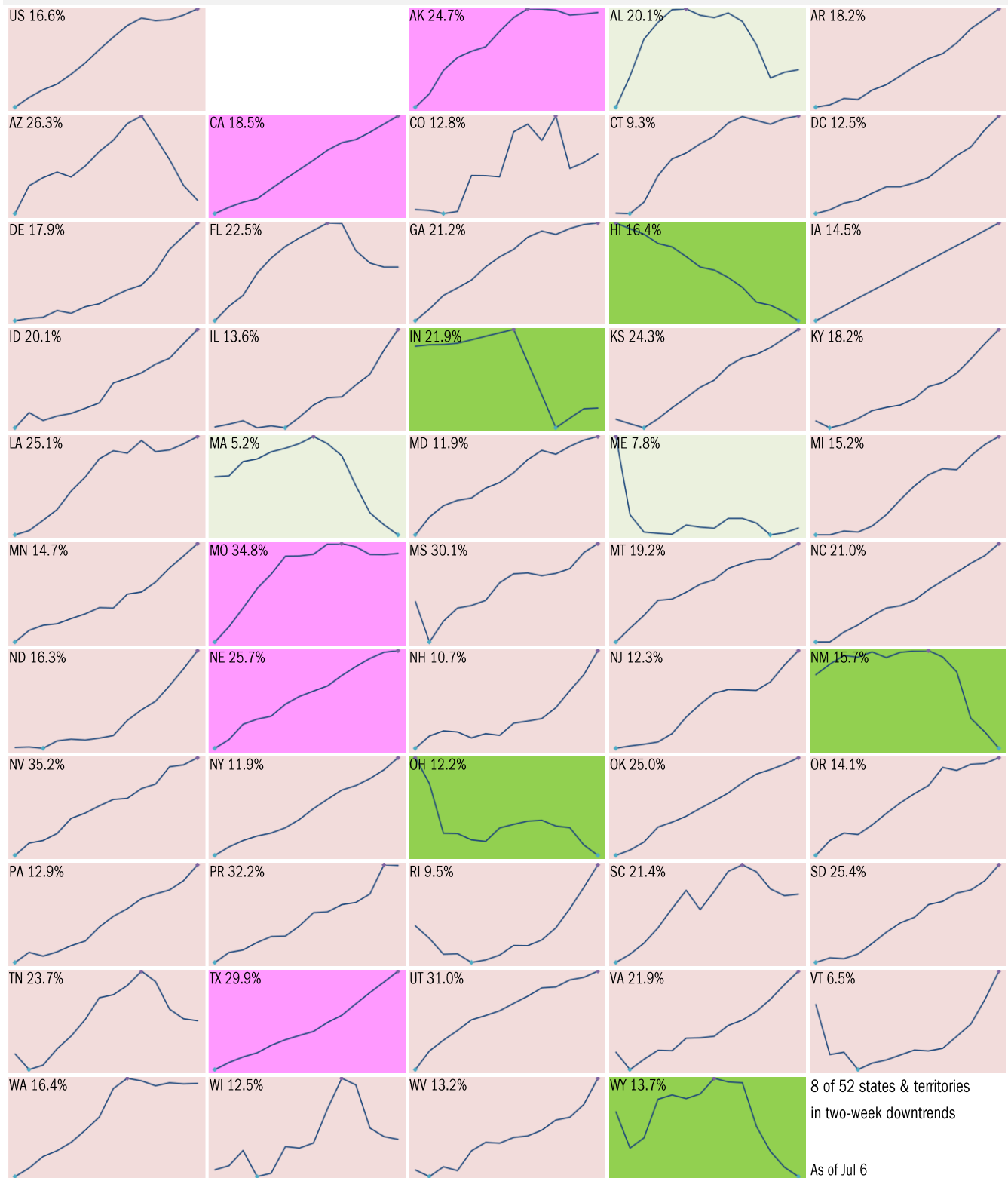


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

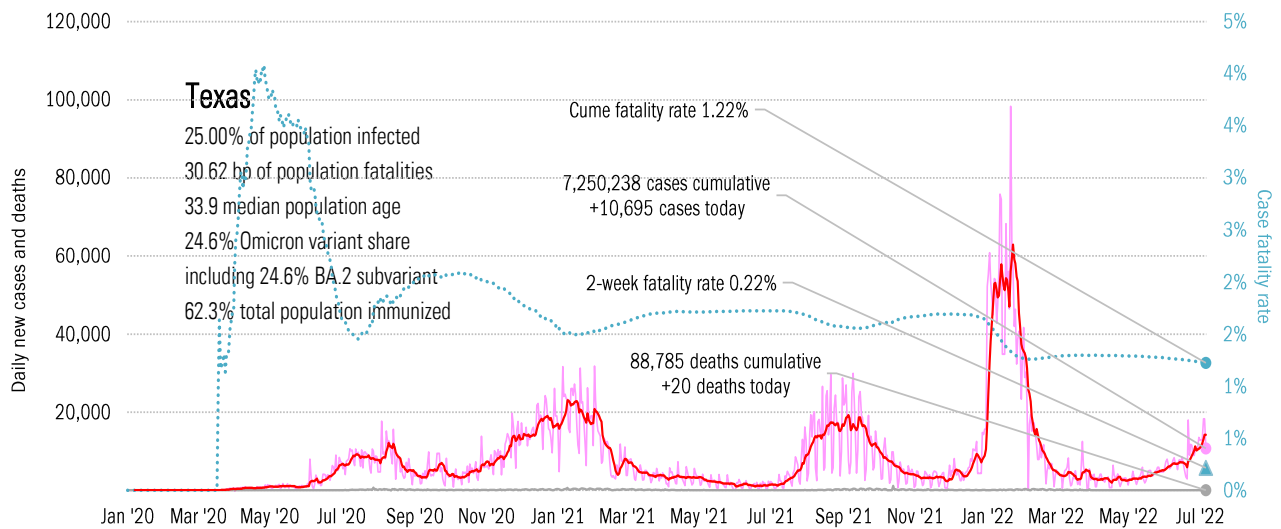
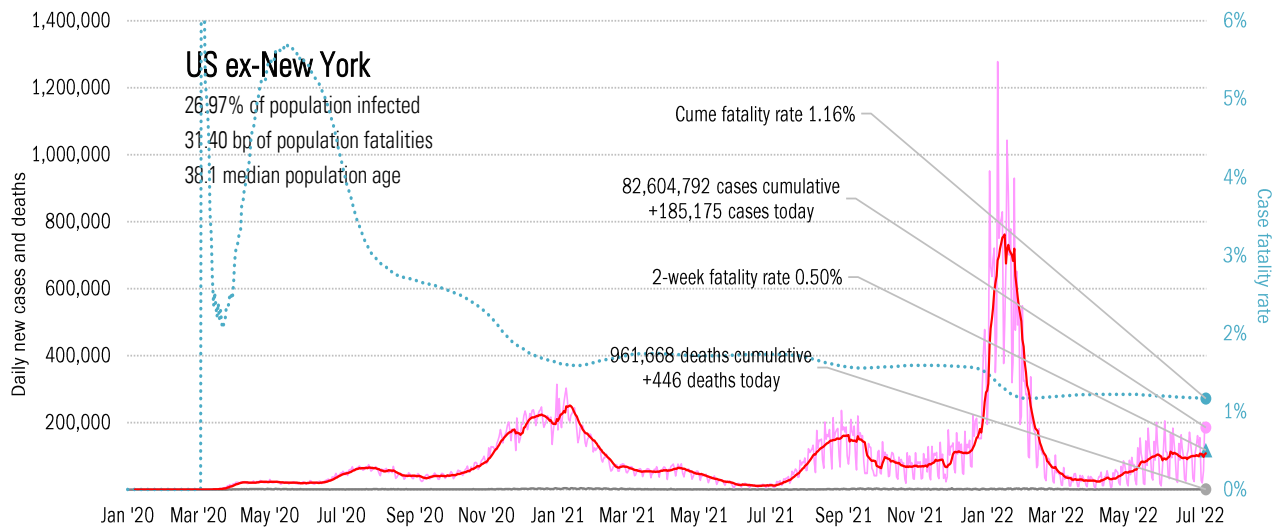
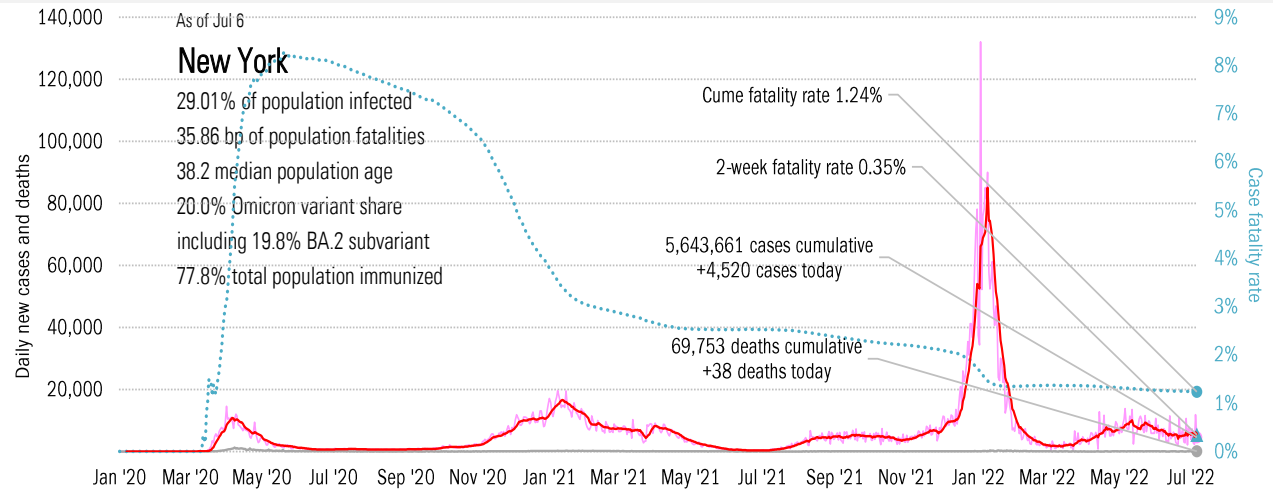
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

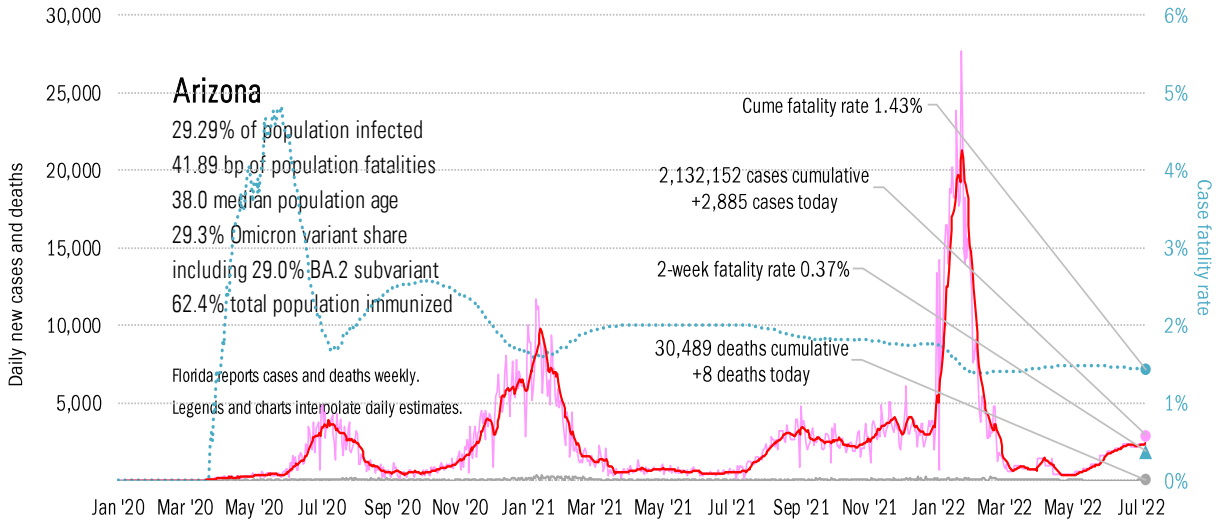
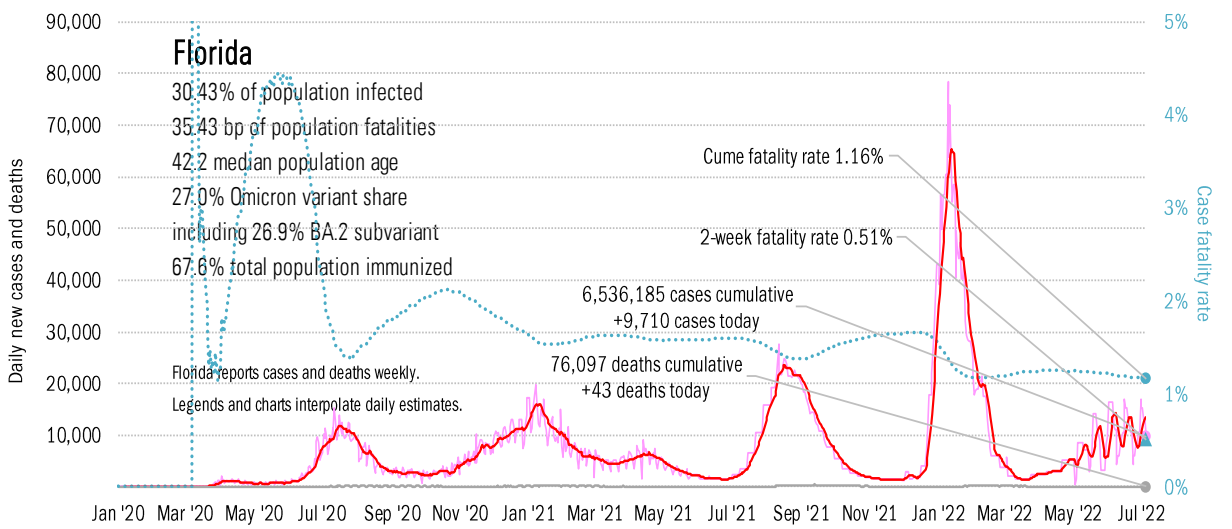
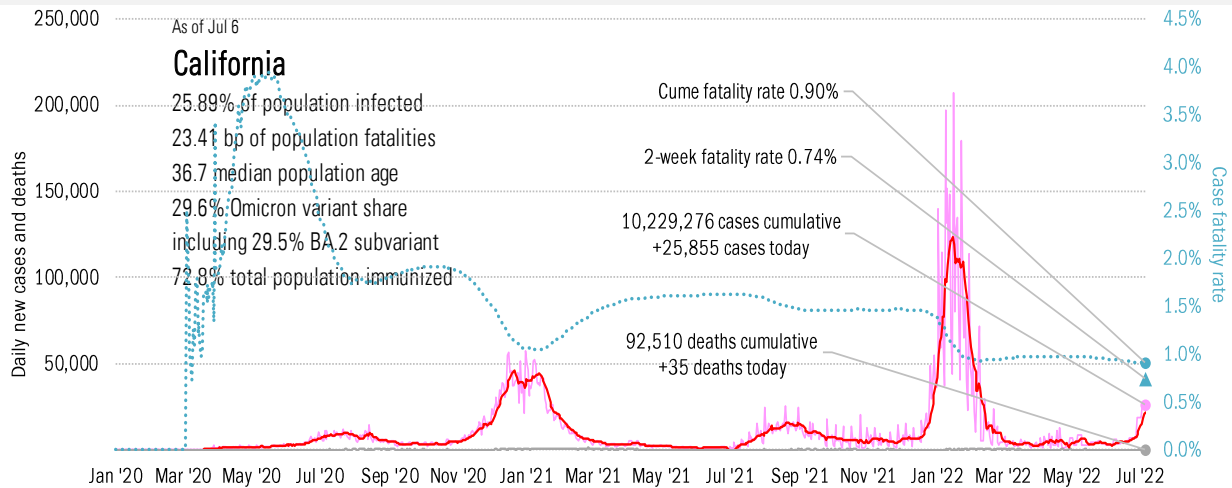
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

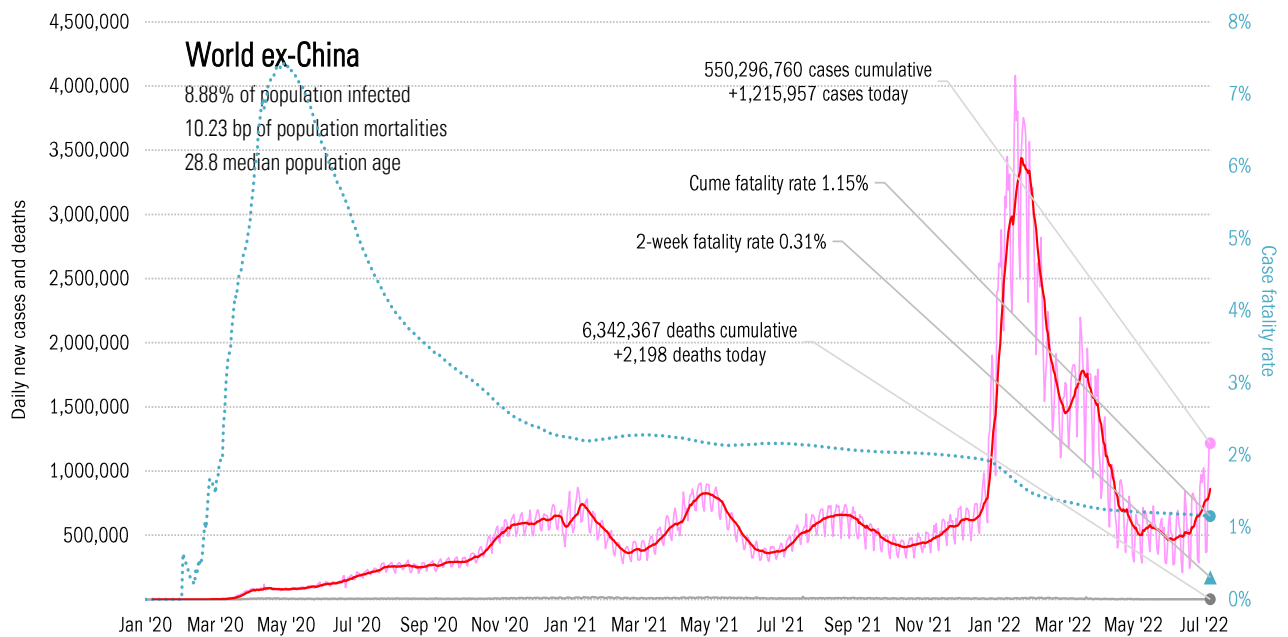
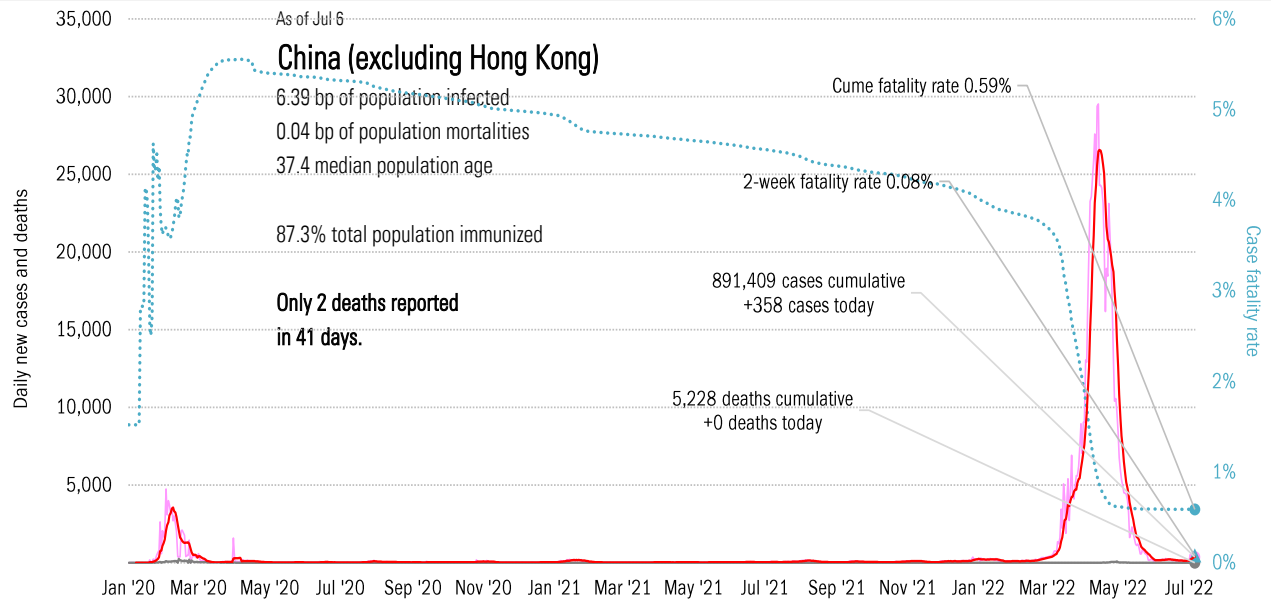
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

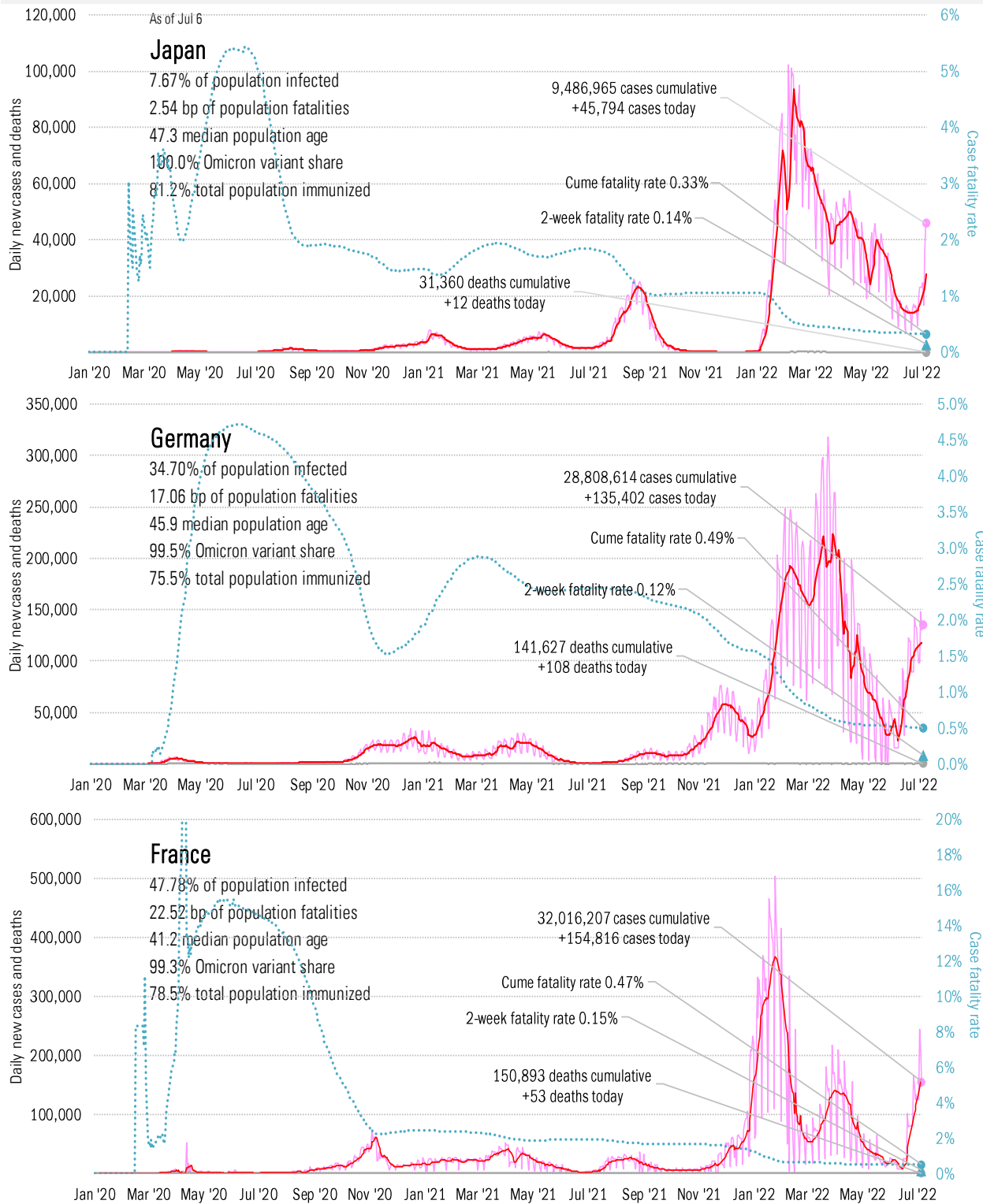
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

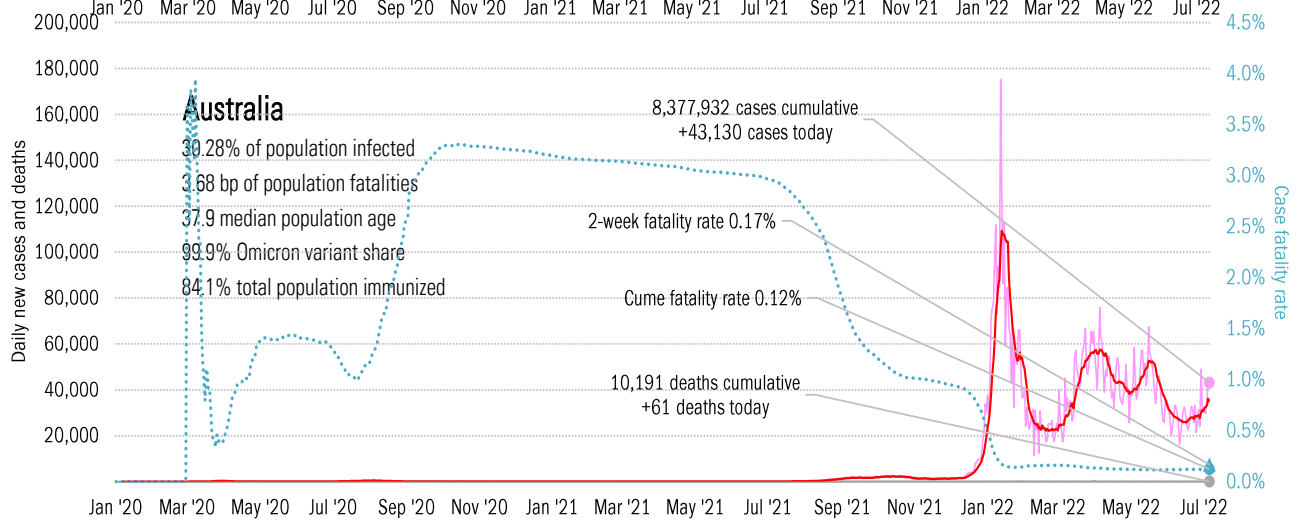
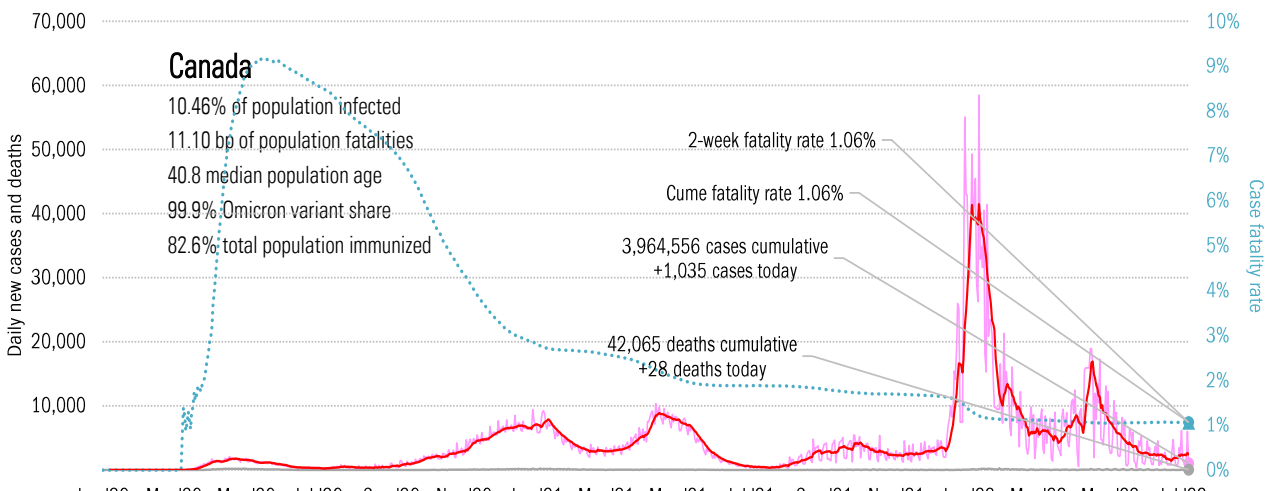
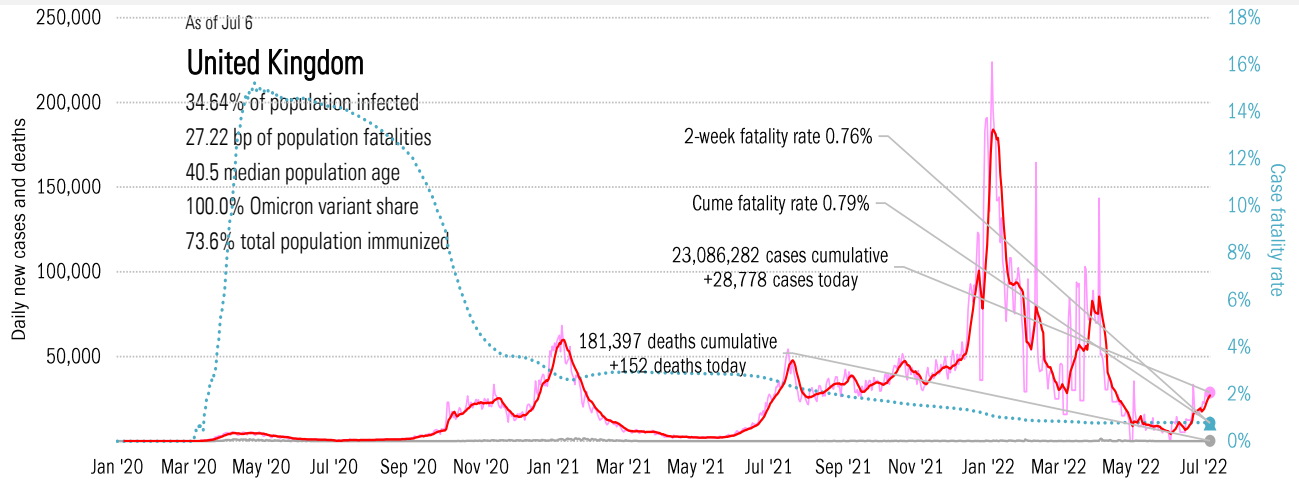
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

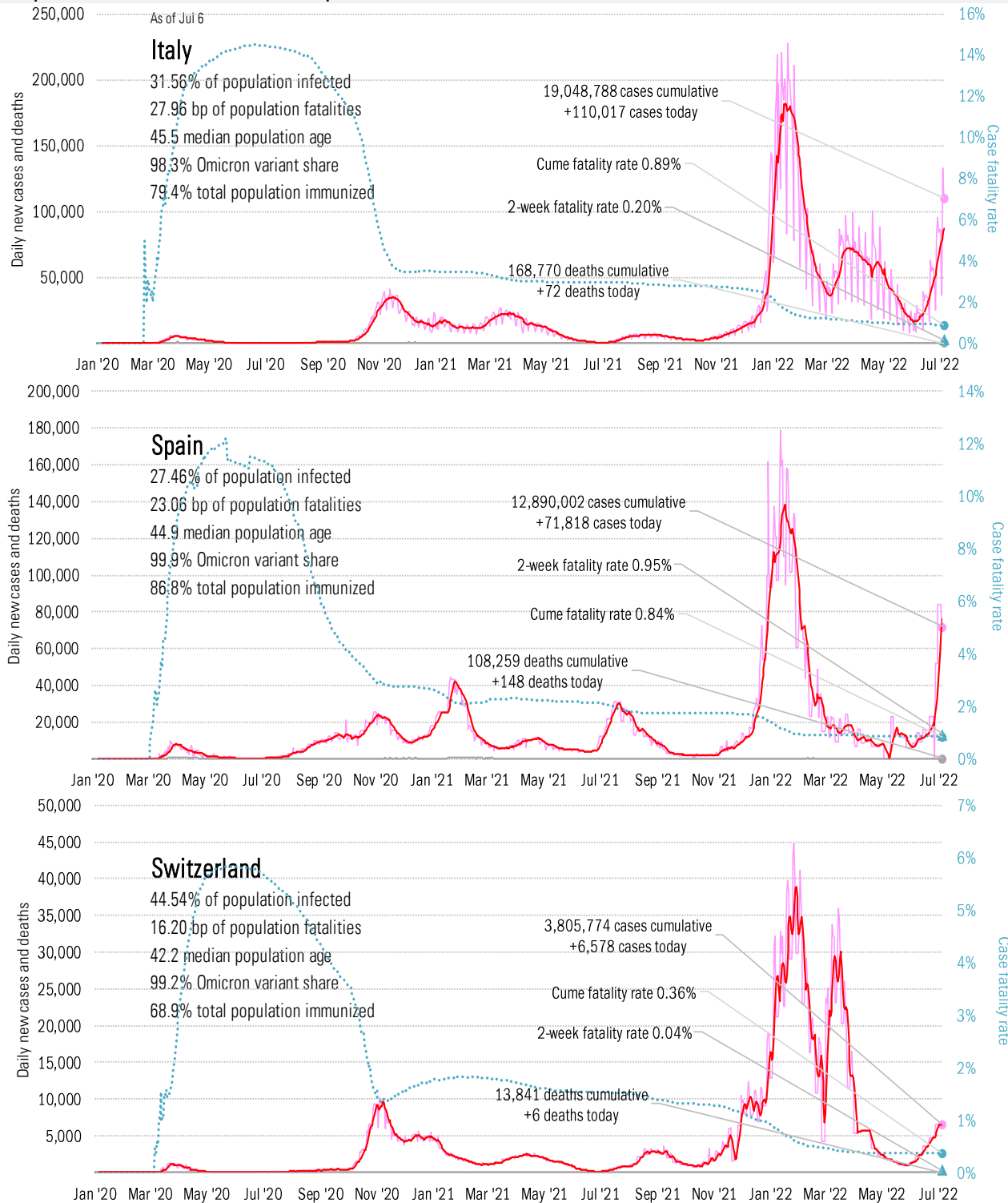
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

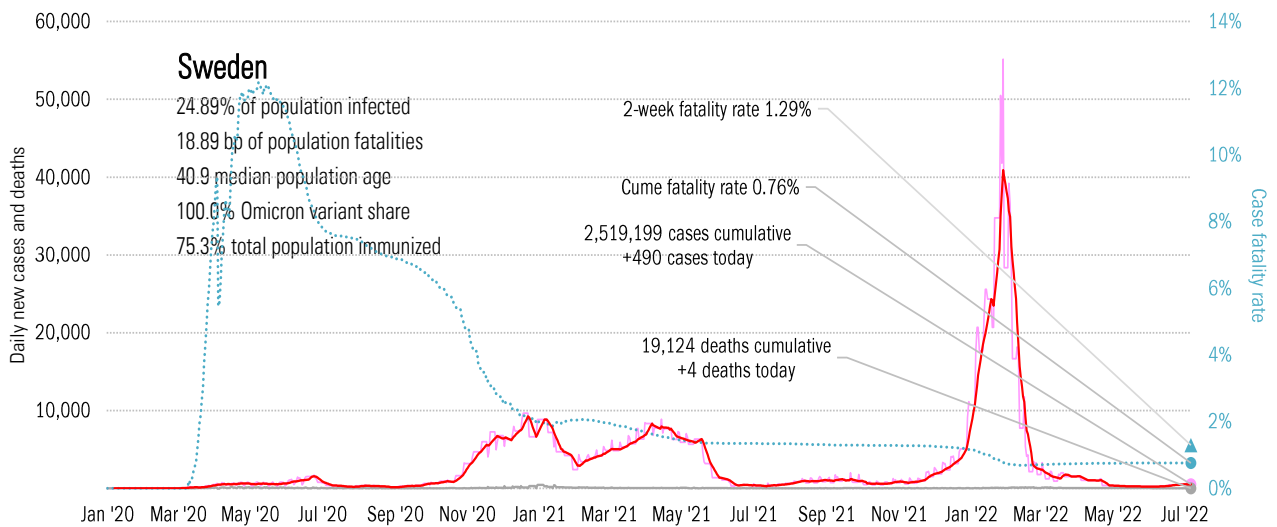
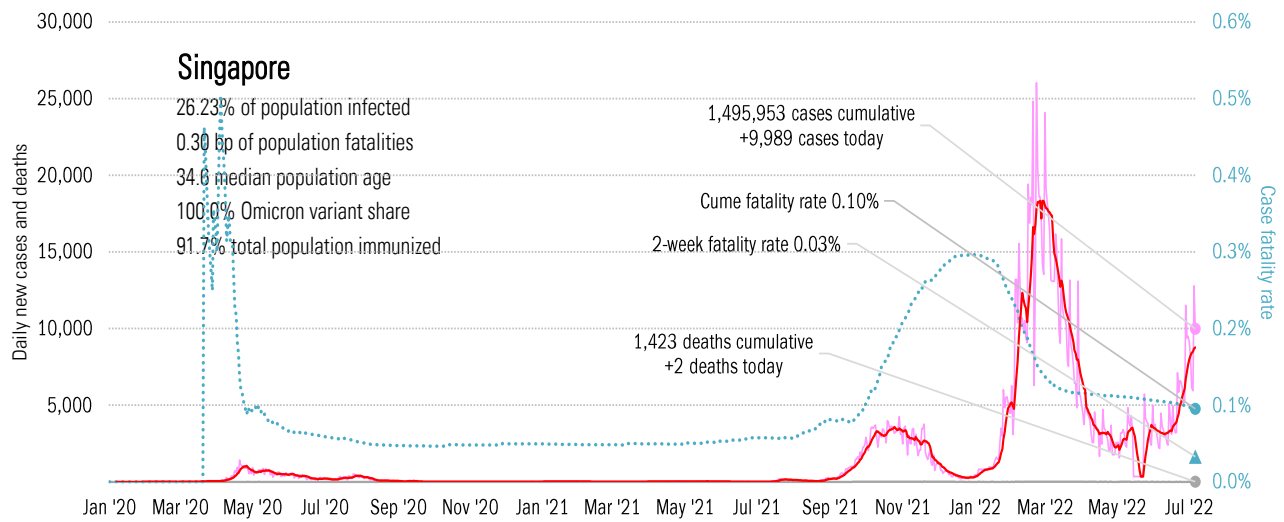
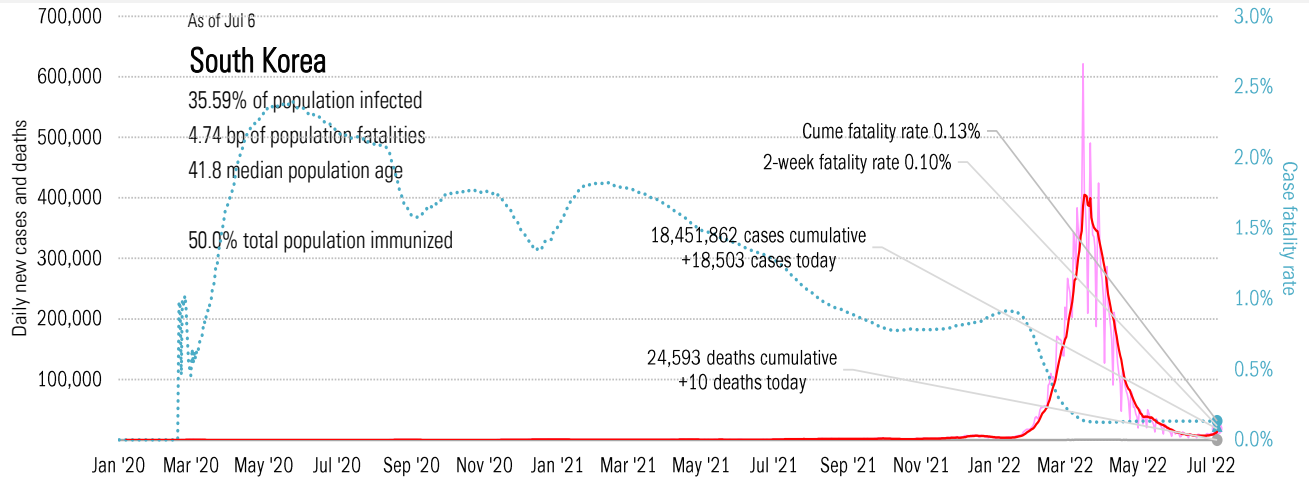
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

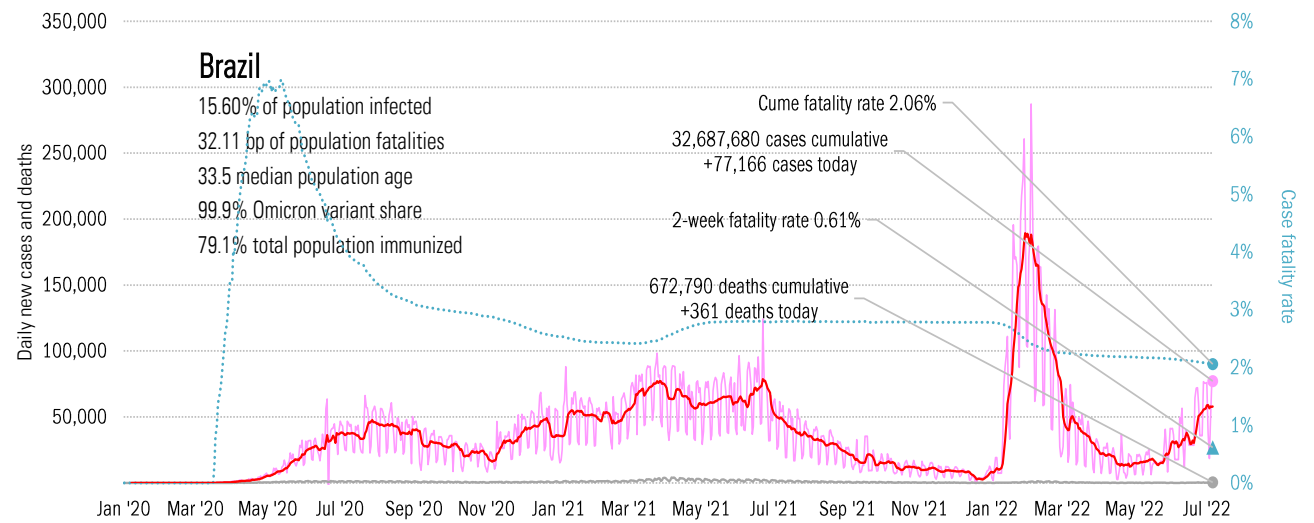
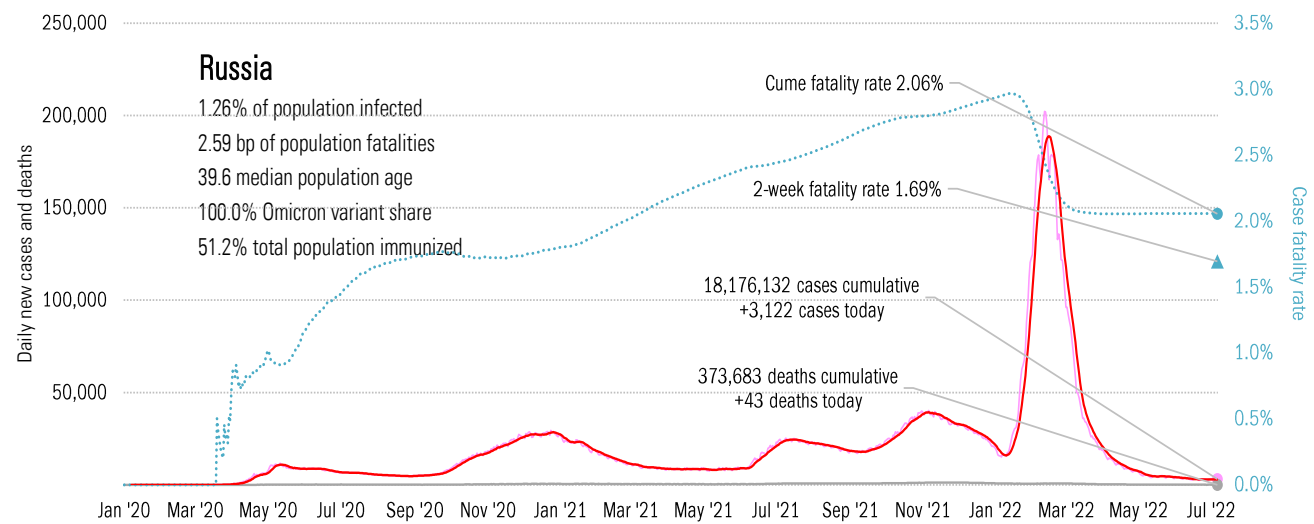
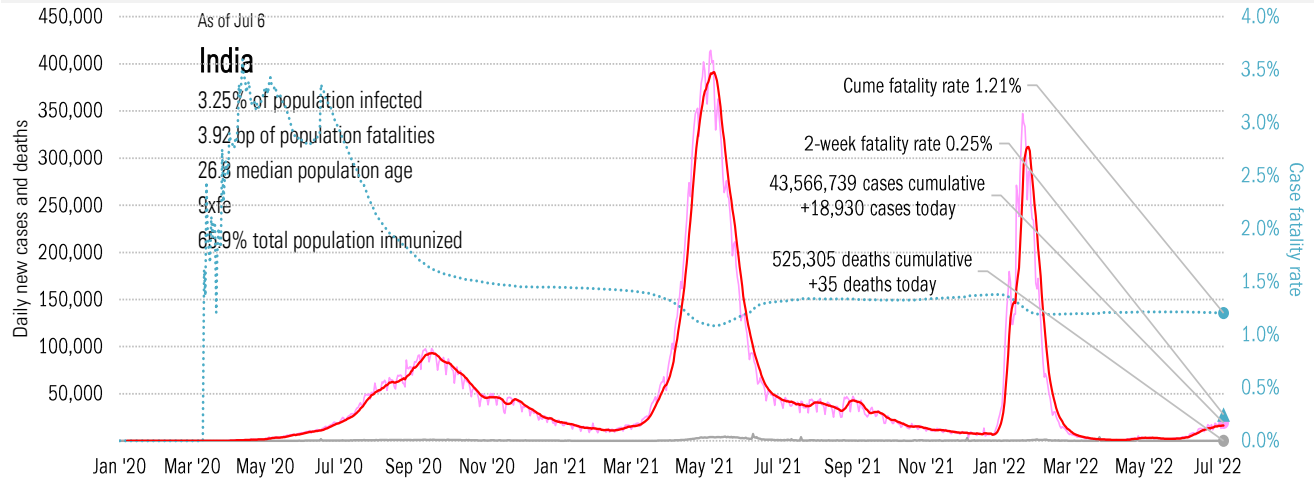
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

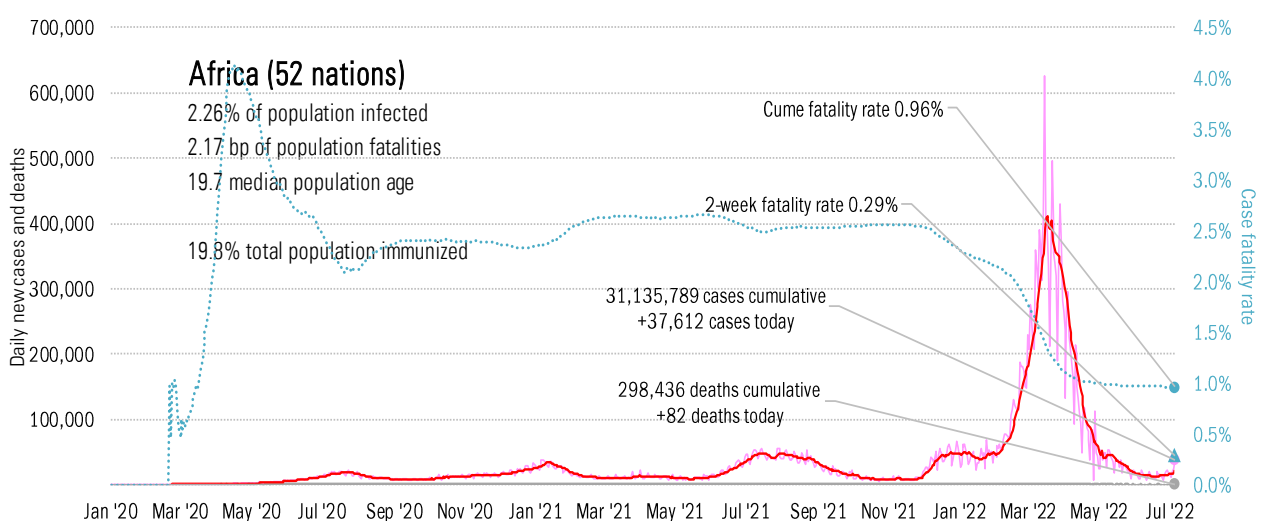
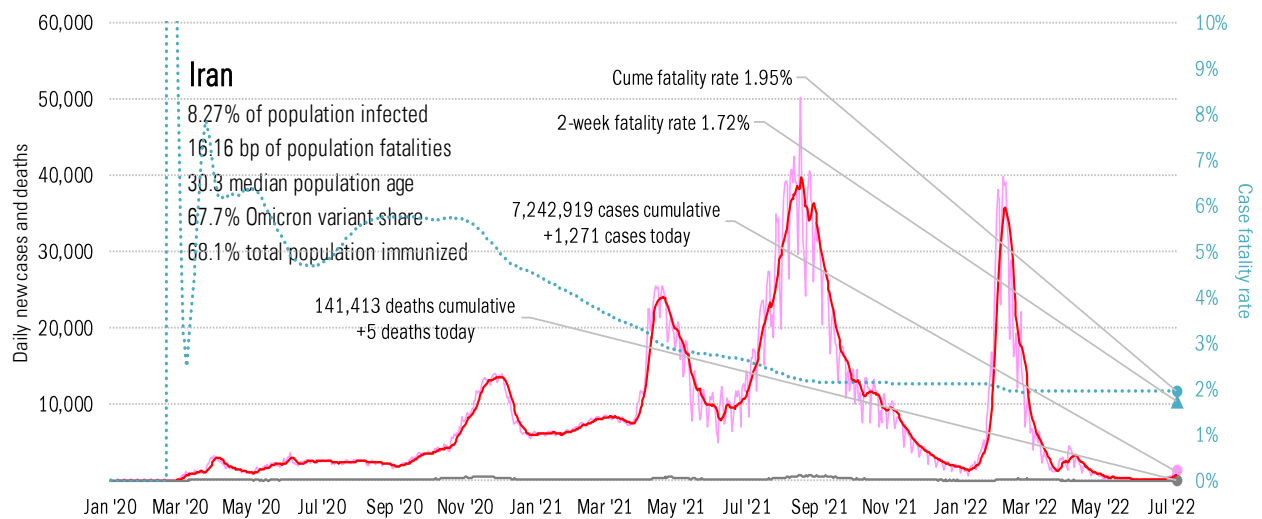
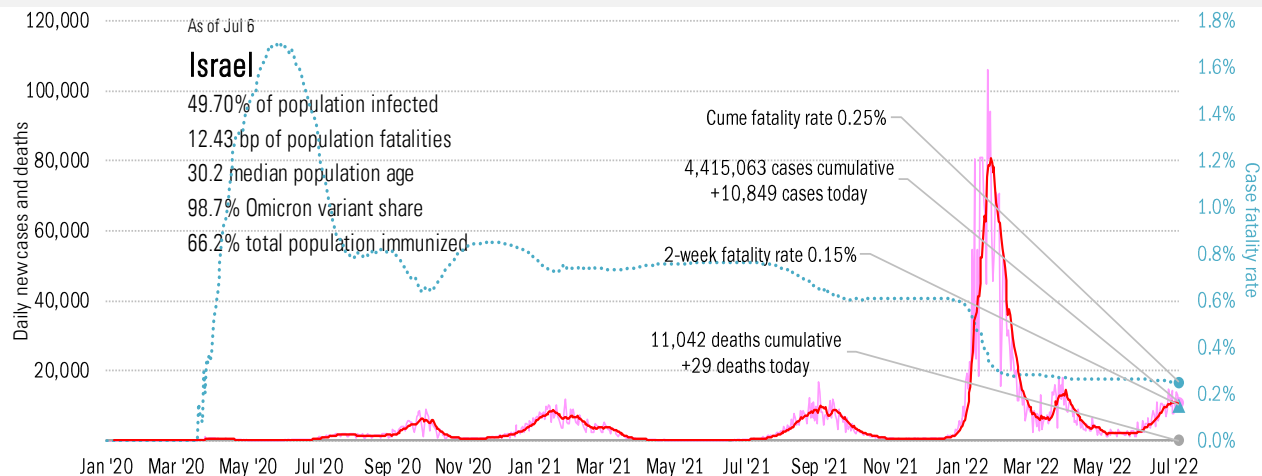
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

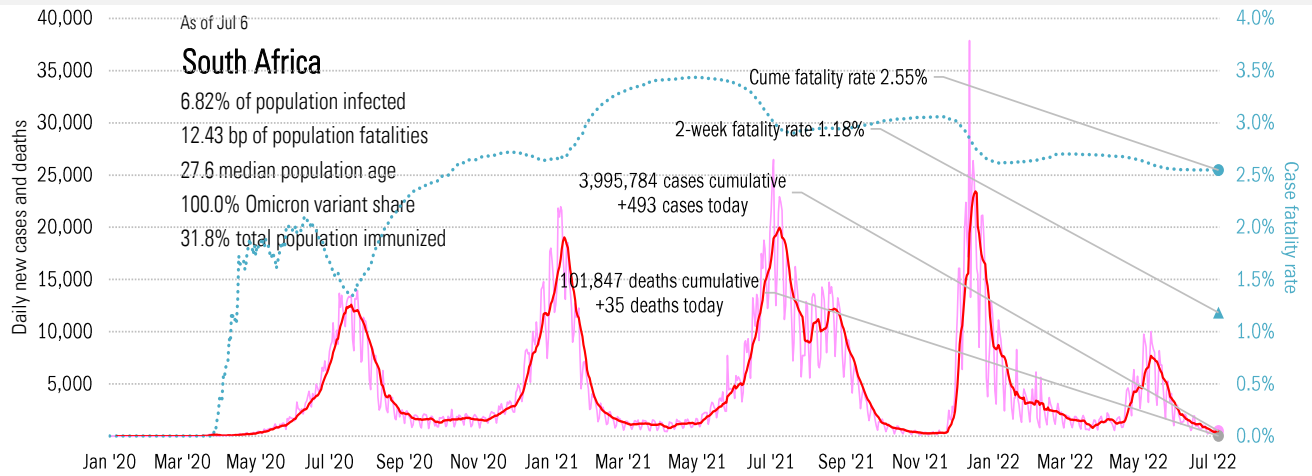
Cases: **7-day average** and **daily** Deaths: **Daily**



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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