

Data Insights: Covid-2019 Monitor

Friday, July 15, 2022

The global scorecard

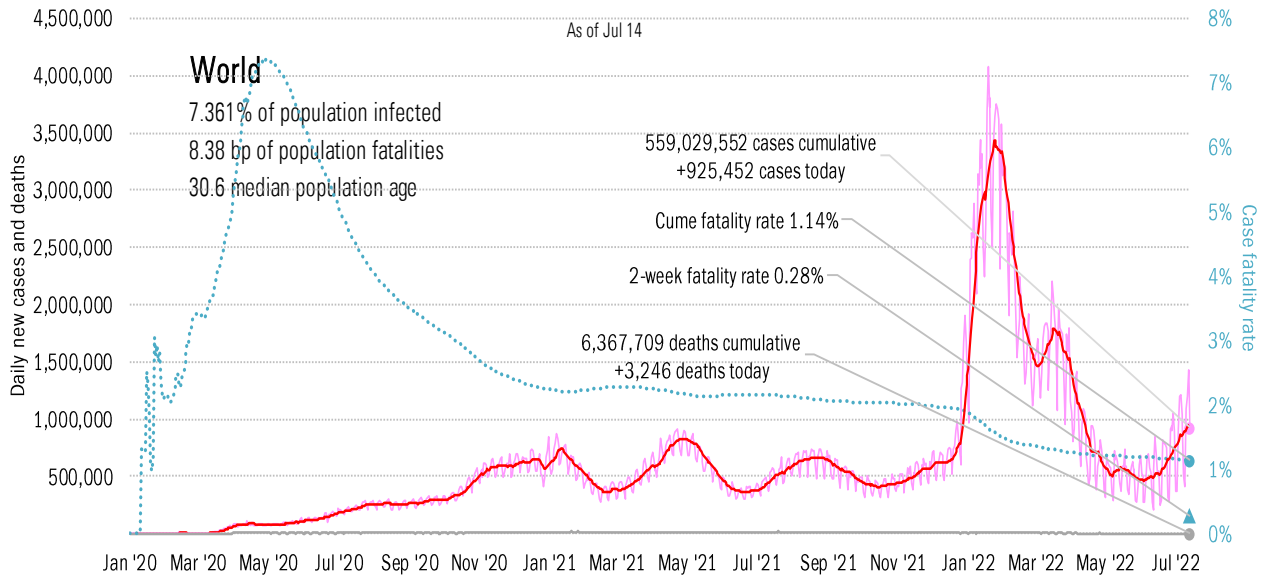
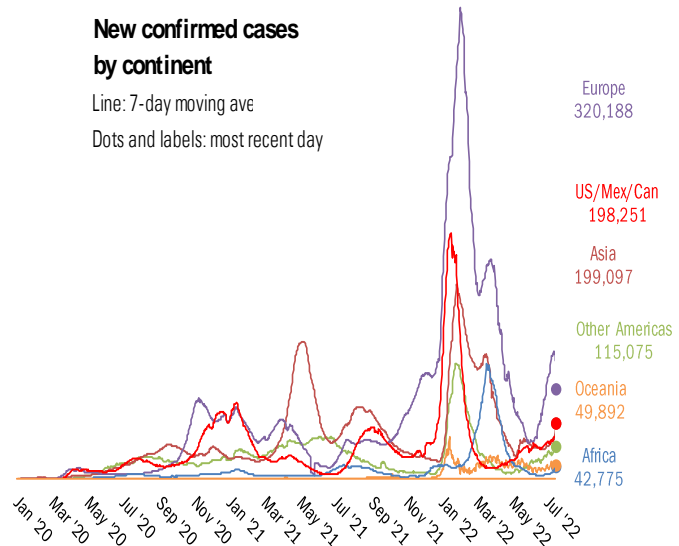
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	145,267	Canada	1,212
Germany	109,694	United States	561
Italy	108,632	Brazil	297
Japan	97,757	Colombia	163
Brazil	65,379	Germany	115
Korea, South	38,864	Italy	105
Australia	38,769	Taiwan*	88
Mexico	34,885	Mexico	74
Belgium	28,943	Chile	71
Taiwan*	27,639	Finland	71
695,829		2,757	
World	925,452	World	3,246
Top ten	75%	Top ten	85%

New confirmed cases by continent

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



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

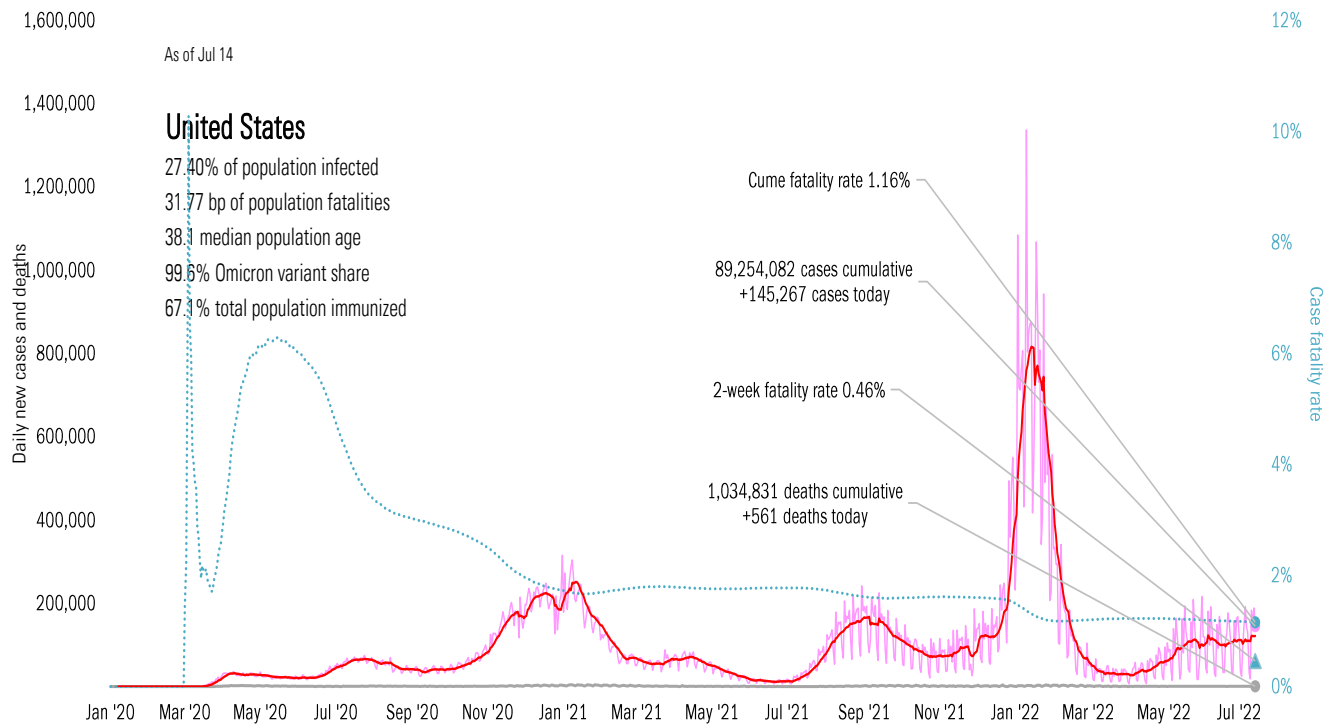
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
CH	24,465		FL	53		PA	226		CA	10,375,920		CA	92,805		TX	511,784		RI	92%	TX	88%
TX	14,854		MN	44		GA	251		TX	7,351,545		TX	88,921		CA	459,452		MA	87%	RI	87%
FL	11,530		MA	33		FL	802		FL	6,595,408		FL	76,514		FL	452,899		GA	86%	WA	85%
NY	9,609		OK	30		OH	216		NY	5,705,640		NY	69,912		NY	275,241		MN	86%	MA	84%
MN	9,521		NM	29		IL	241		IL	3,491,407		PA	45,949		GA	212,297		MD	84%	NC	83%
CA	8,997		NY	23		TN	142		PA	3,038,076		CH	38,959		CH	202,134		DE	84%	AL	82%
MA	7,872		UT	22		WA	144		NC	2,919,068		GA	38,821		PA	189,179		MO	83%	DE	82%
UT	7,789		CA	21		AZ	135		CH	2,891,756		IL	38,721		IL	171,335		WV	83%	NH	81%
IL	5,318		TX	16		LA	139		GA	2,694,160		MI	37,142		MI	151,389		WA	83%	NM	81%
NJ	4,271		IL	14		NY	375		MI	2,636,214		NJ	34,145		KY	137,202		CR	82%	VT	81%
104,226			285			2,671			47,699,194			561,889			2,762,912			All states 70%		67%	
All states 145,267			561			6,479			All states 89,254,082			1,034,831			5,016,793			All states 70%		67%	
Top ten 72%			51%			41%			Top ten 53%			55%			55%			Median 77%		74%	

Some states not reporting

Five most improved US states

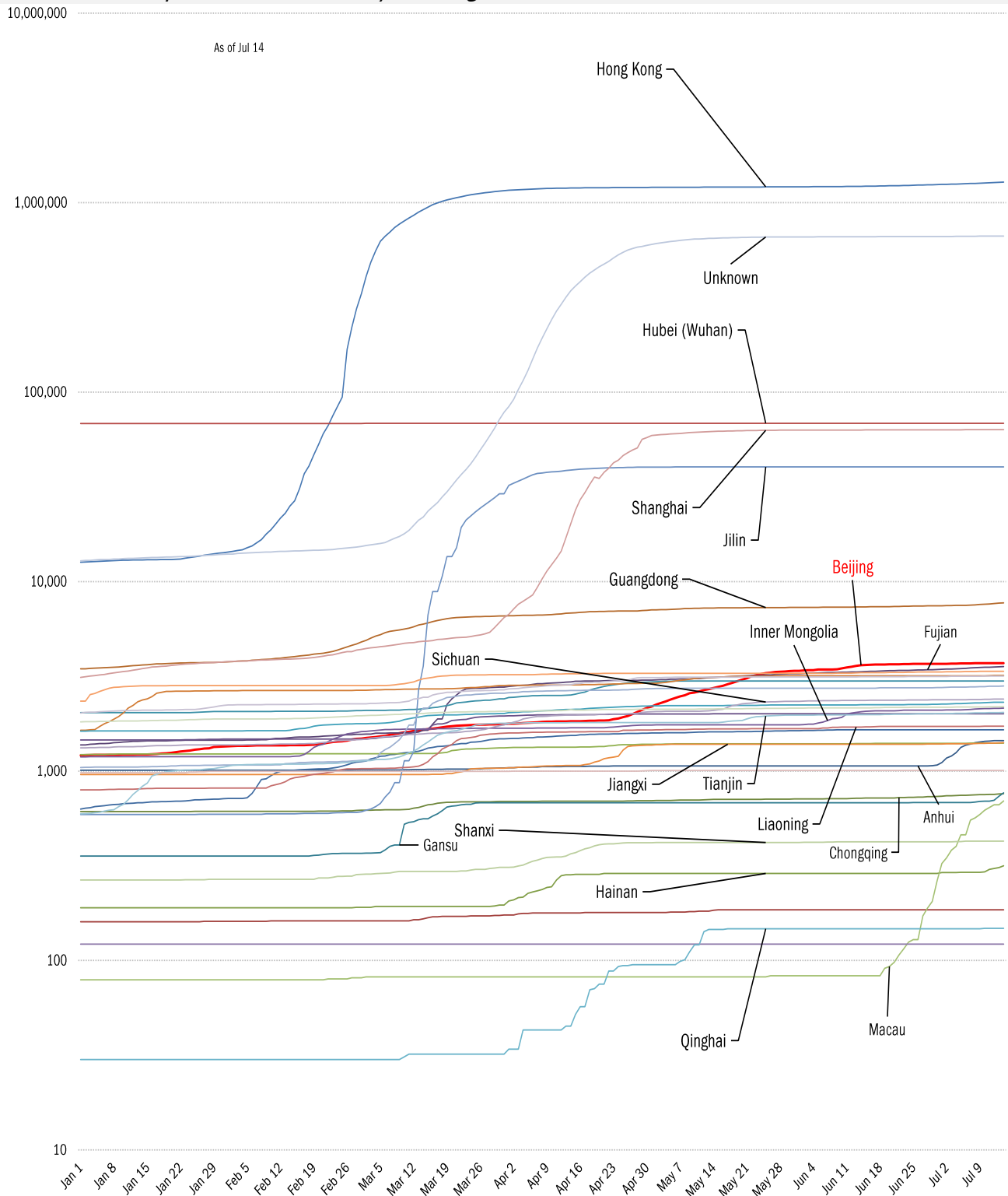
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
GA	-26,603	NC	-138	TX	-216	WY	+40380 bp
NC	-26,388	GA	-136	CA	-117	MO	+35259 bp
PA	-17,720	PA	-128	MD	-72	ID	+32787 bp
NV	-7,703	NV	-67	FL	-54	AZ	+30926 bp
KS	-7,288	TN	-57	SC	-52	PA	+29501 bp



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"

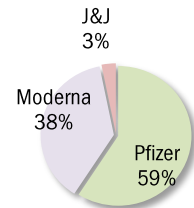


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	614,375,071		+0.243 million		US	67.1%	78.5%
of which boosters	109,001,813		+0.059 million		UK	74.7%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.5%
Total population	268,744,531	80%	228,983,309	69%	+0.035 million	Spain	85.5%
Age 12 to 17	17,986,428	71%	15,385,626	61%	+0.003 million	Germany	76.0%
Age 18 to 64	180,059,671	89%	152,815,245	75%	+0.019 million	Italy	81.0%
Age 65 and over	59,481,476	100%	52,022,449	95%	+0.007 million	Australia	83.7%
						Israel	66.2%
						Canada	82.5%
						Japan	82.2%
						Africa	20.3%
						India	65.7%
						Brazil	79.1%
						China	88.5%
							90.9%



AK	70.9%
	62.8%

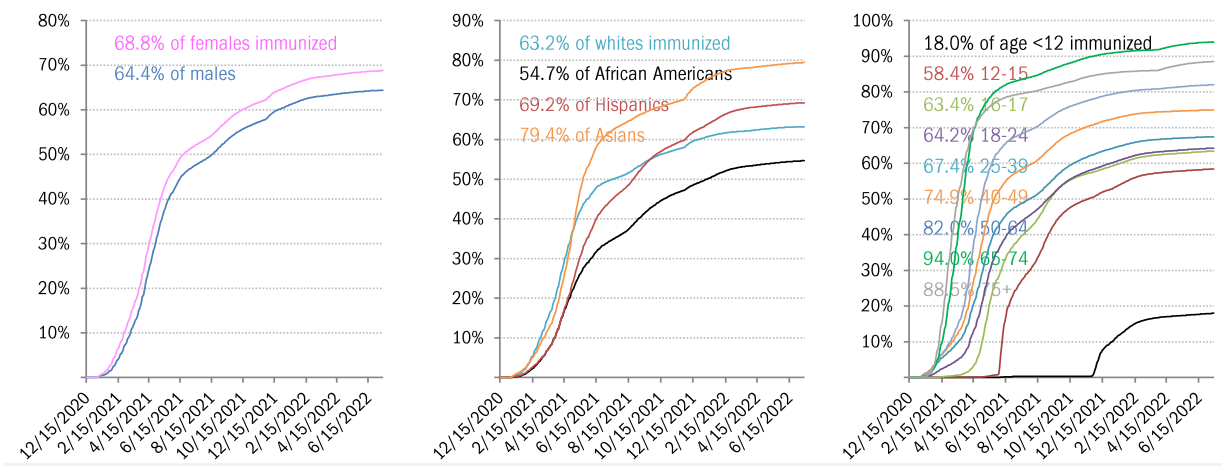
State	Best
At least partial immunity as % population	Middle
Full immunity as % population	Worst

Immunity = two doses

As of Jul 14

					WI						ME
					72.6%						92.3%
					66.2%						80.7%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH
82.0%	62.4%	66.0%	66.4%	76.0%	76.5%	67.6%			91.3%	95.0%	89.8%
73.1%	55.9%	57.4%	56.2%	69.8%	69.2%	60.7%			77.9%	82.1%	71.7%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA	
78.8%	76.3%	58.8%	78.0%	68.6%	62.7%	63.9%	86.4%		91.6%	95.0%	
70.3%	61.5%	51.5%	62.8%	62.5%	56.5%	58.9%	69.8%		76.6%	80.1%	
CA	UT	CO	NE	MO	KY	WV	VA		MD	CT	RI
83.3%	72.9%	80.5%	71.1%	67.0%	66.9%	65.7%	86.9%		87.9%	95.0%	95.0%
73.0%	64.9%	71.0%	64.2%	56.8%	58.0%	58.2%	73.9%		76.6%	80.2%	84.0%
	AZ	NM	KS	AR	TN	NC	SC		DC	DE	
	74.5%	89.4%	73.4%	67.6%	62.8%	86.2%	68.6%		95.0%	84.5%	
	62.5%	72.1%	62.7%	55.1%	55.0%	62.7%	57.8%		76.6%	70.3%	
			OK	LA	MS	AL	GA				
			72.0%	61.7%	60.3%	63.4%	66.2%				
			58.1%	54.0%	52.5%	51.7%	55.5%				
			TX						FL		PR
			74.6%						80.3%		95.0%
			62.4%						67.7%		83.7%

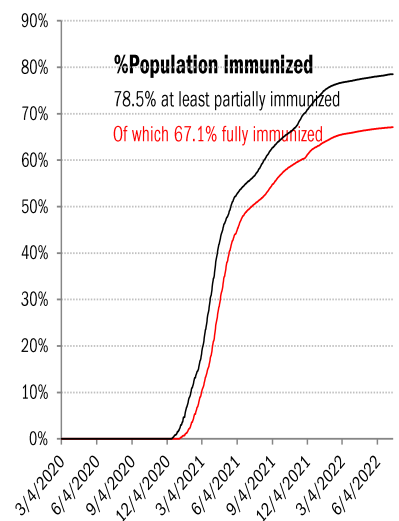
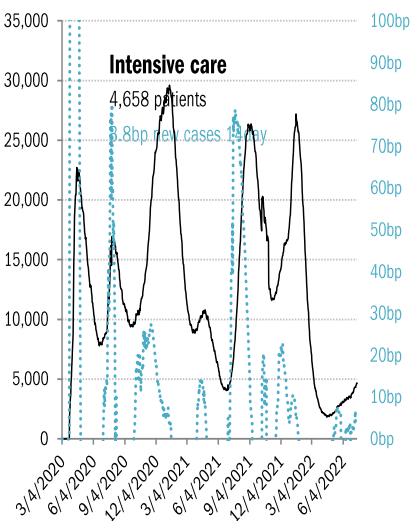
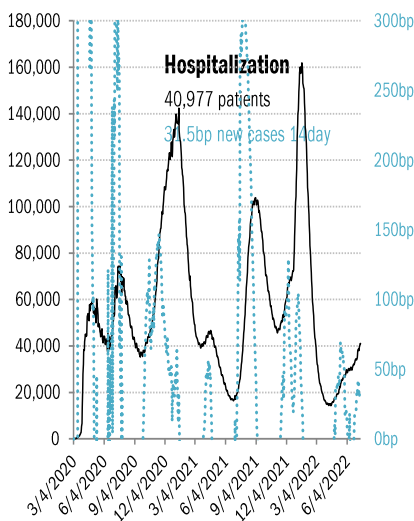
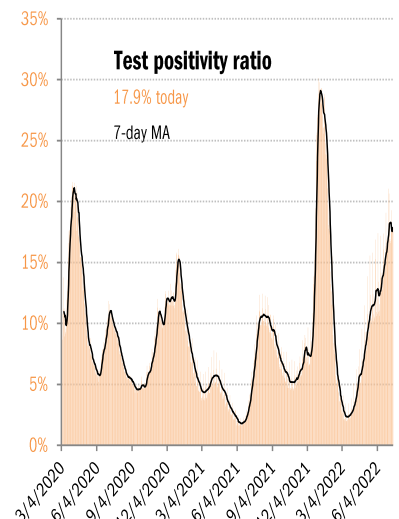
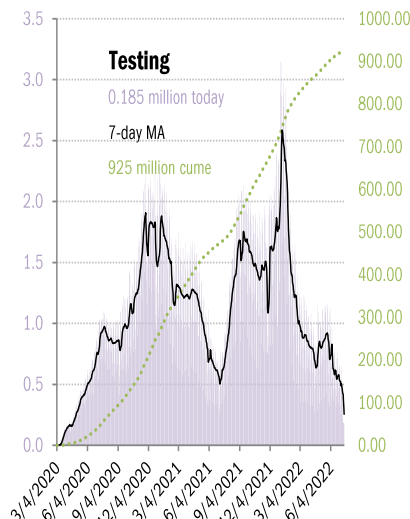
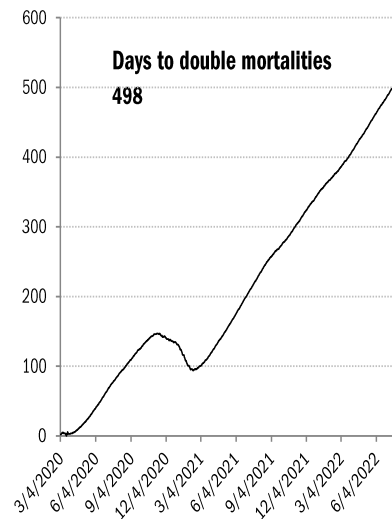
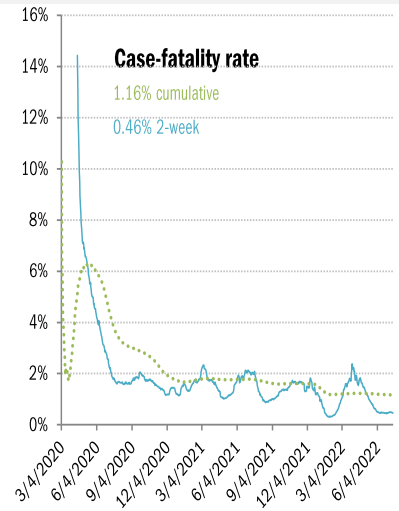
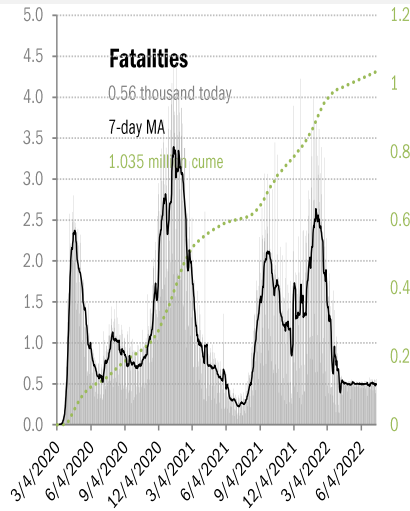
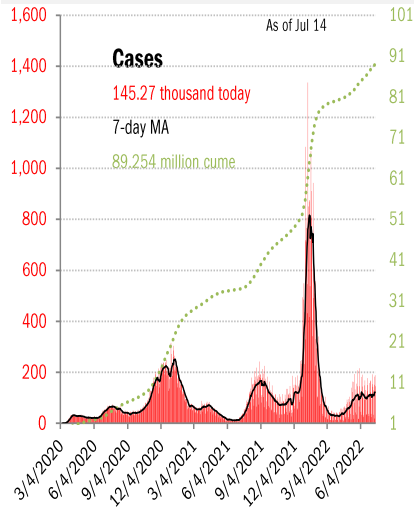
The demographics of US vaccination



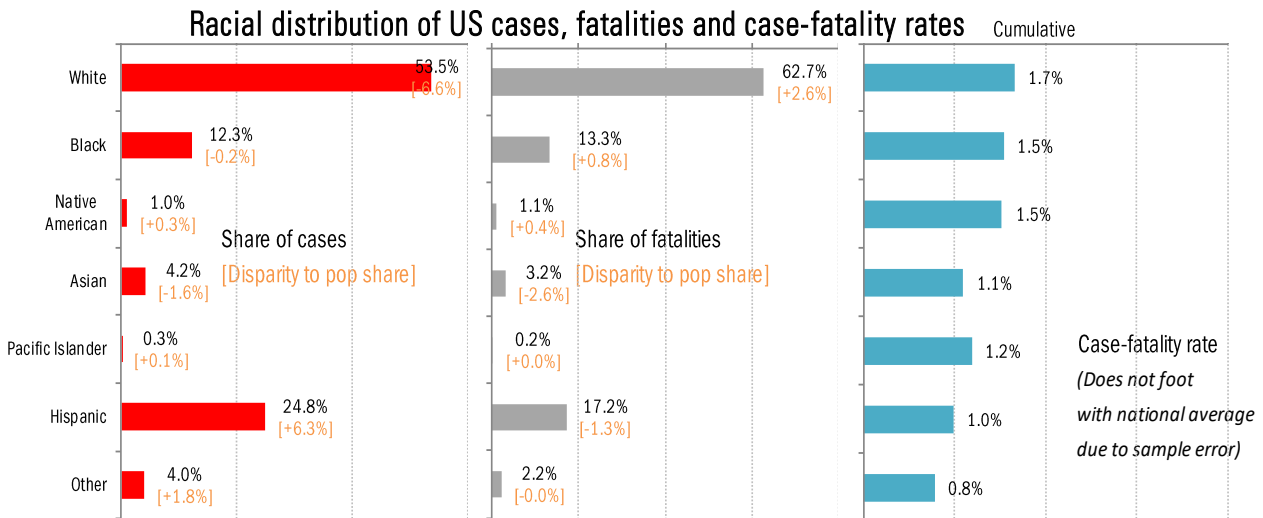
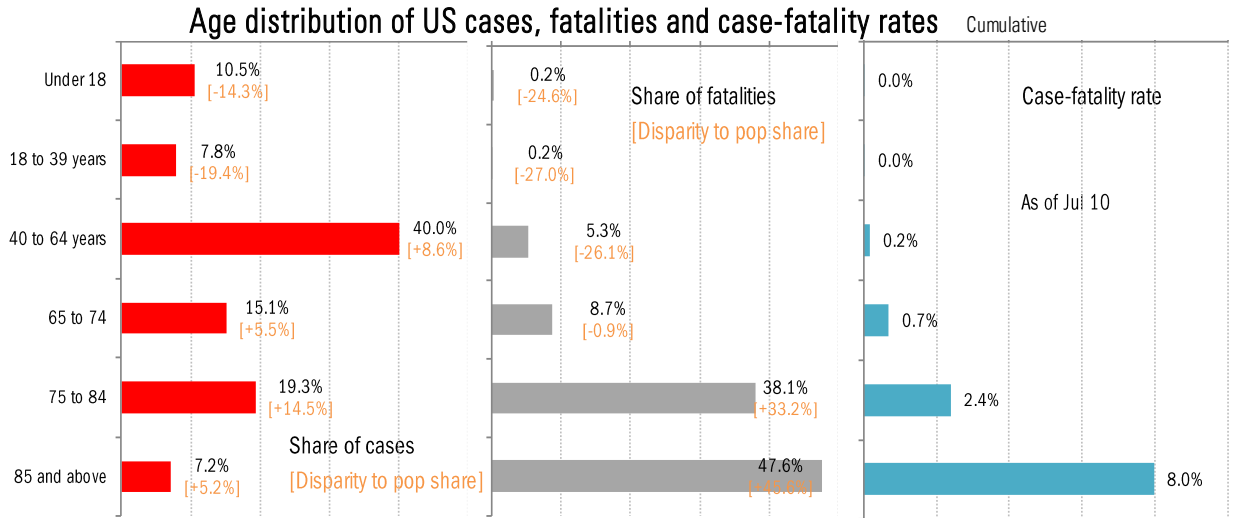
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

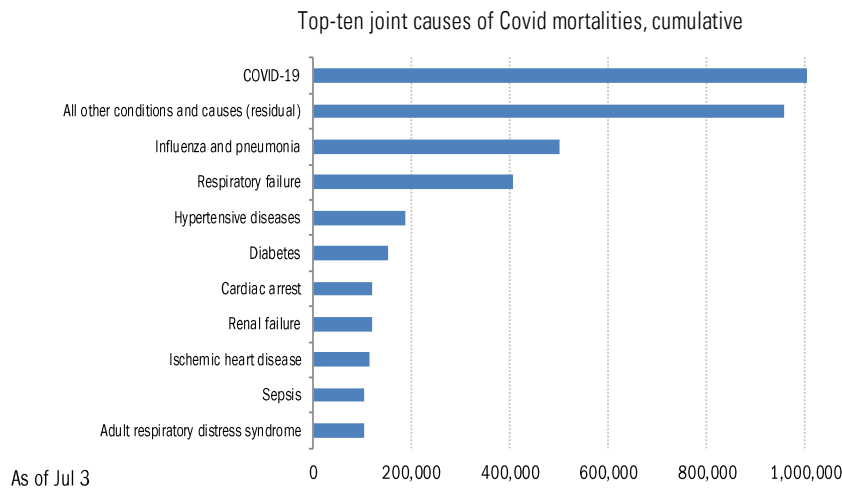
National and state-by-state data do not line up because of different sources



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

[Stunning official Canadian data show vaccines now RAISE the risk of death from Covid](#)

Alex Berenson
Unreported Truths
July 15, 2022

[The sublime cynicism of the press for "Omicron-specific" Covid vaccines](#)

Alex Berenson
Unreported Truths
July 14, 2022

[Harvard Economist Offers Gloomy Forecast on Reversing Pandemic Learning Loss](#)

Kevin Mahnken
The 74
July 14, 2022

Meme of the day

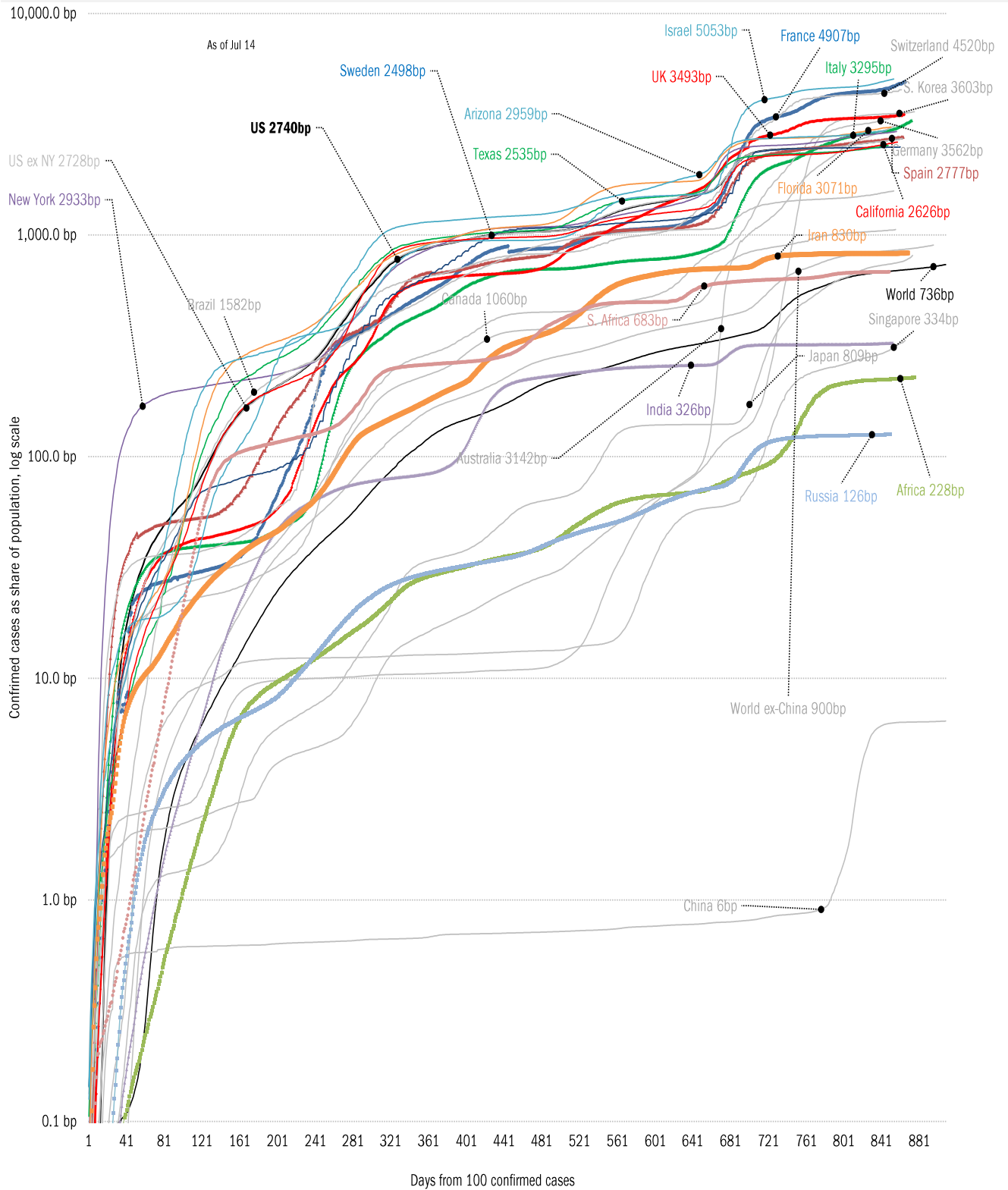
Never forget that people actually believed
"one way" grocery aisles would save lives...



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

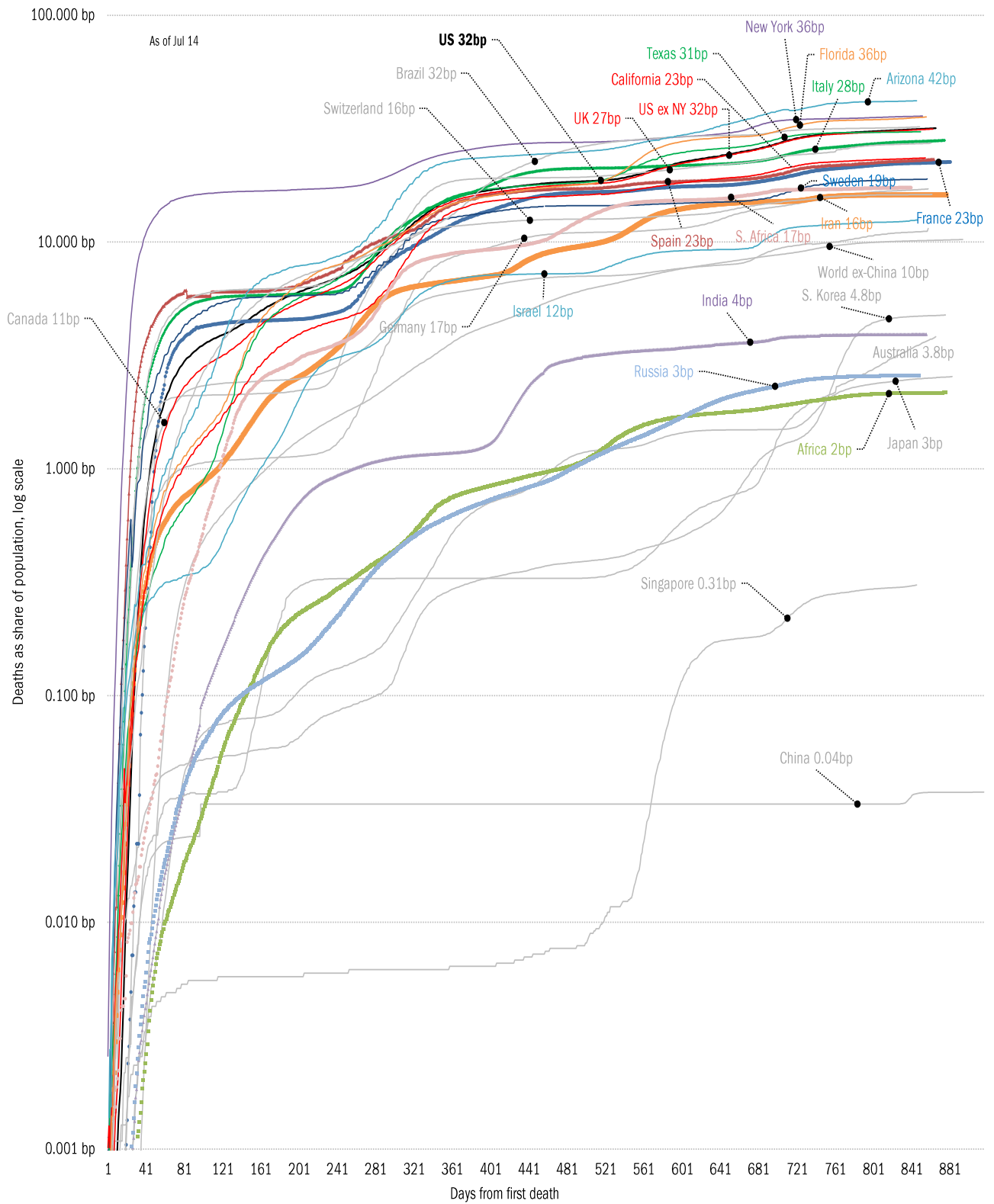
The global coronavirus case accelerometer... tracking the world's infection curves

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

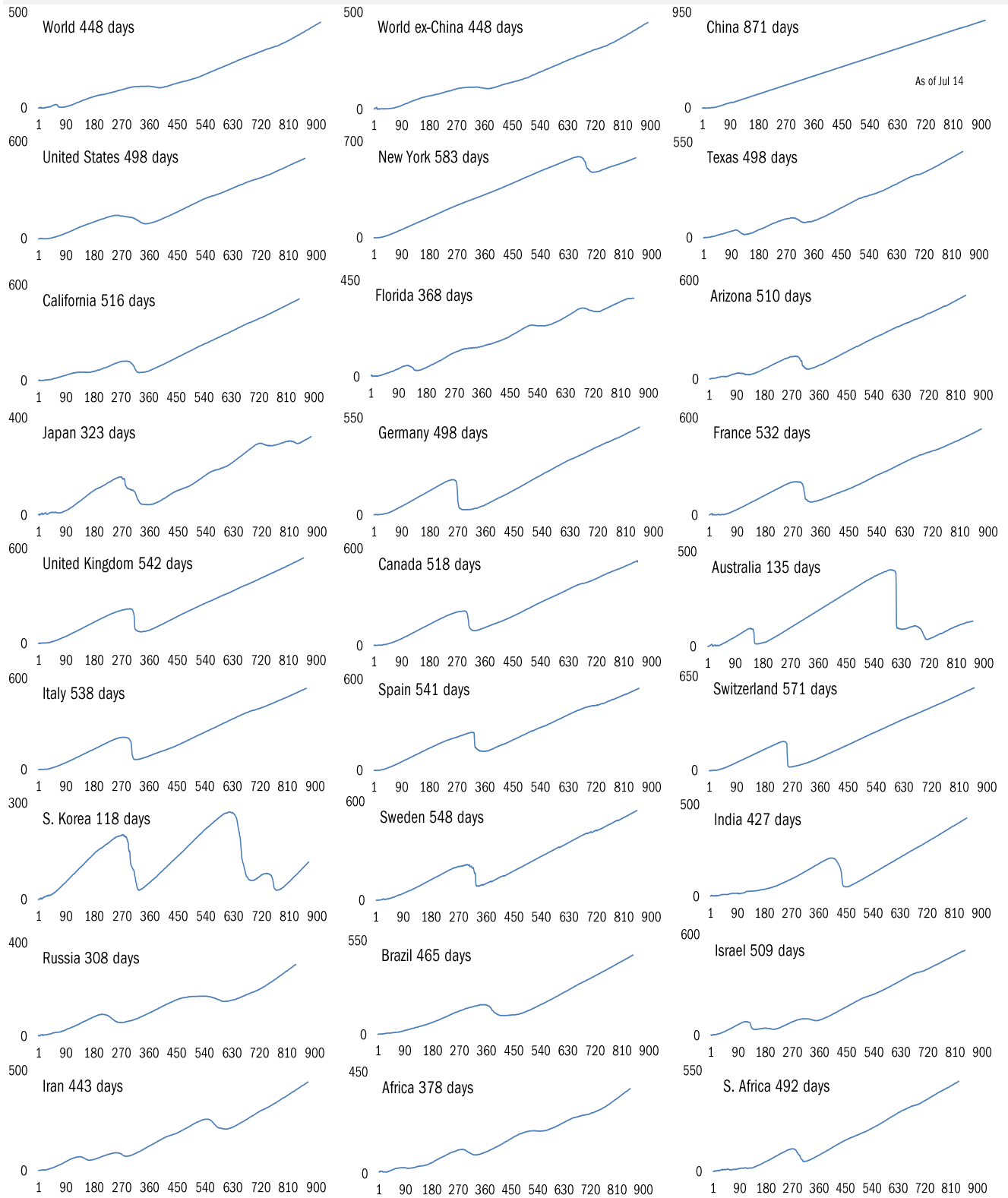


Source: [Johns Hopkins](#), TrendMacro calculations

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

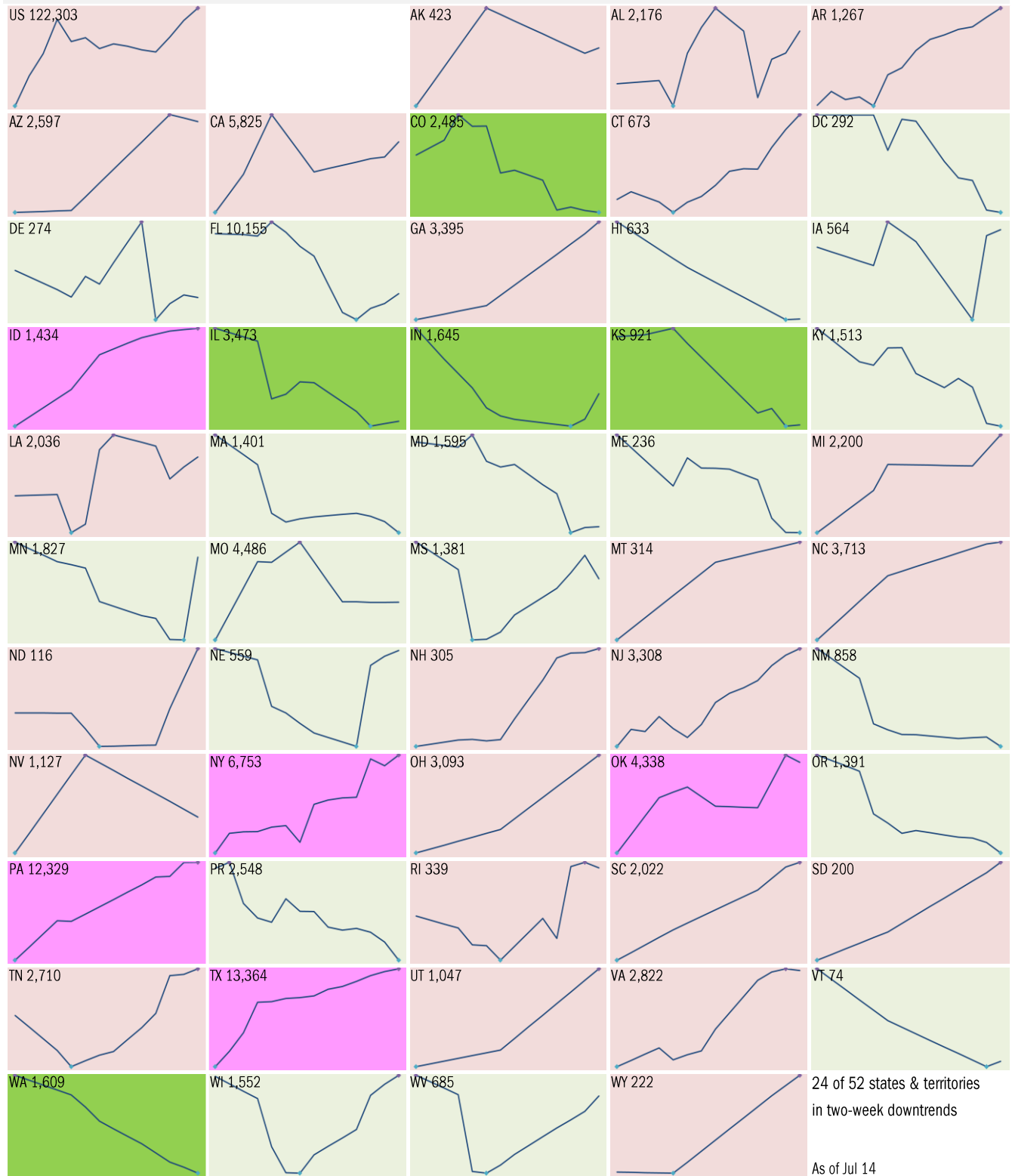


Source: [Johns Hopkins](#), TrendMacro calculations

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

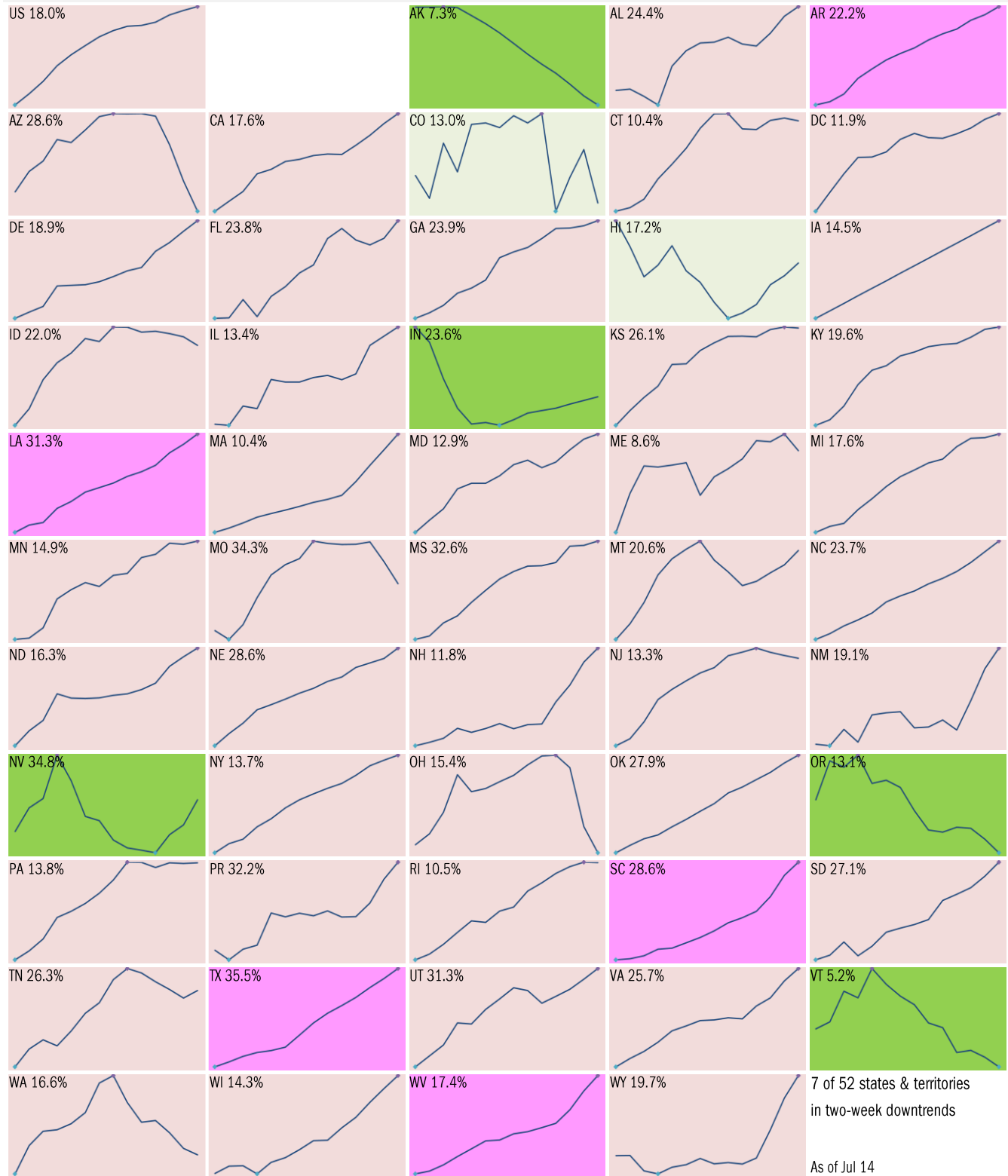


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

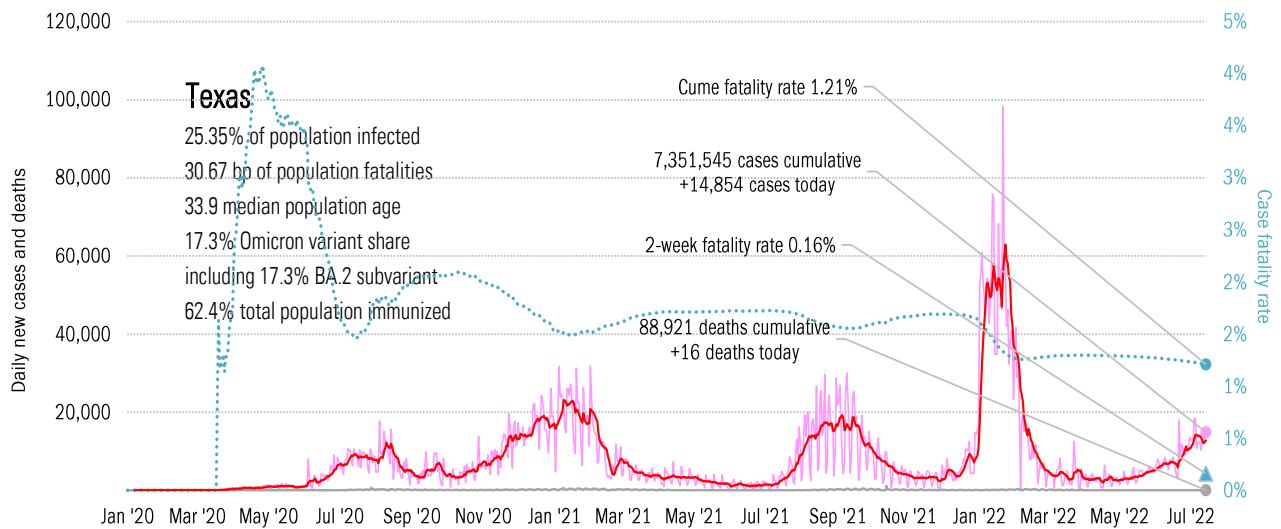
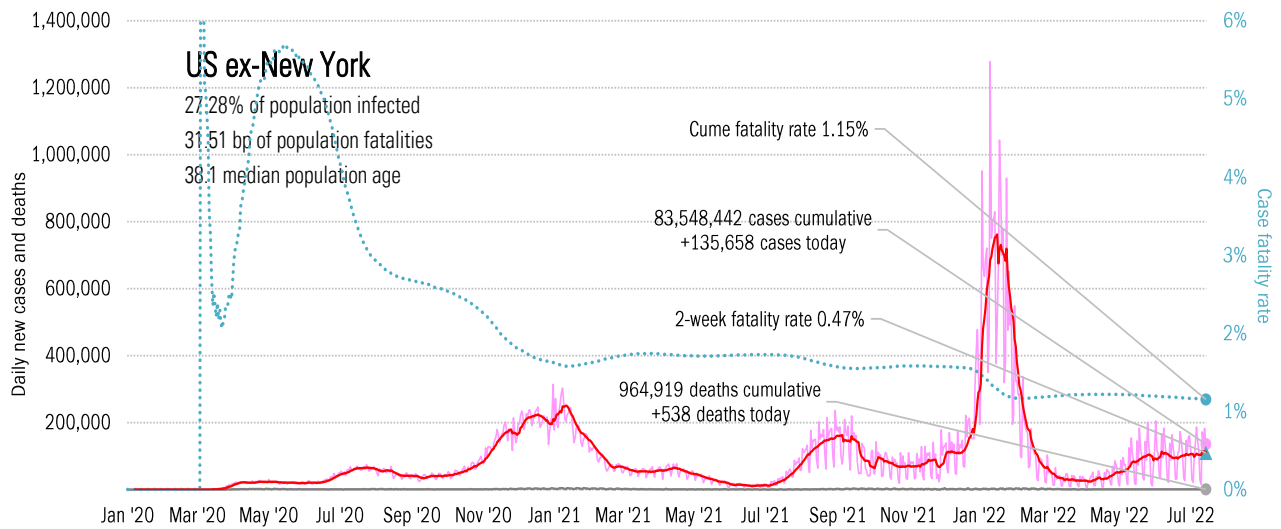
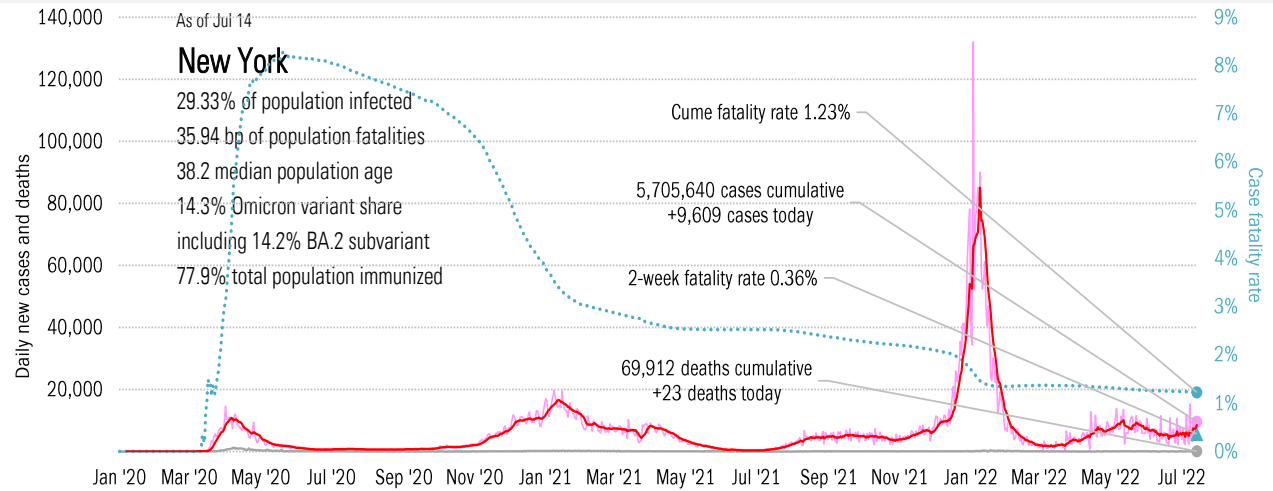
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

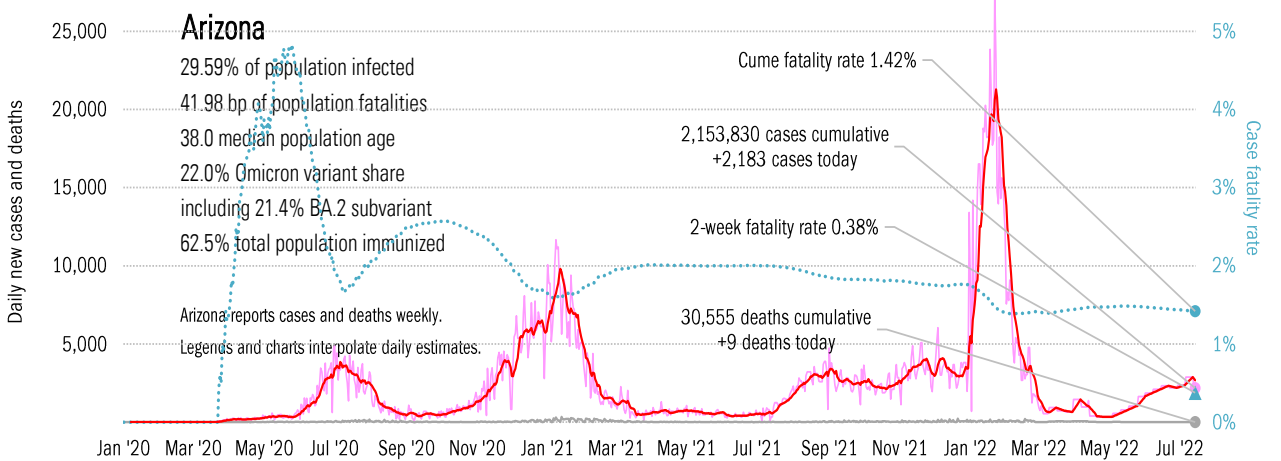
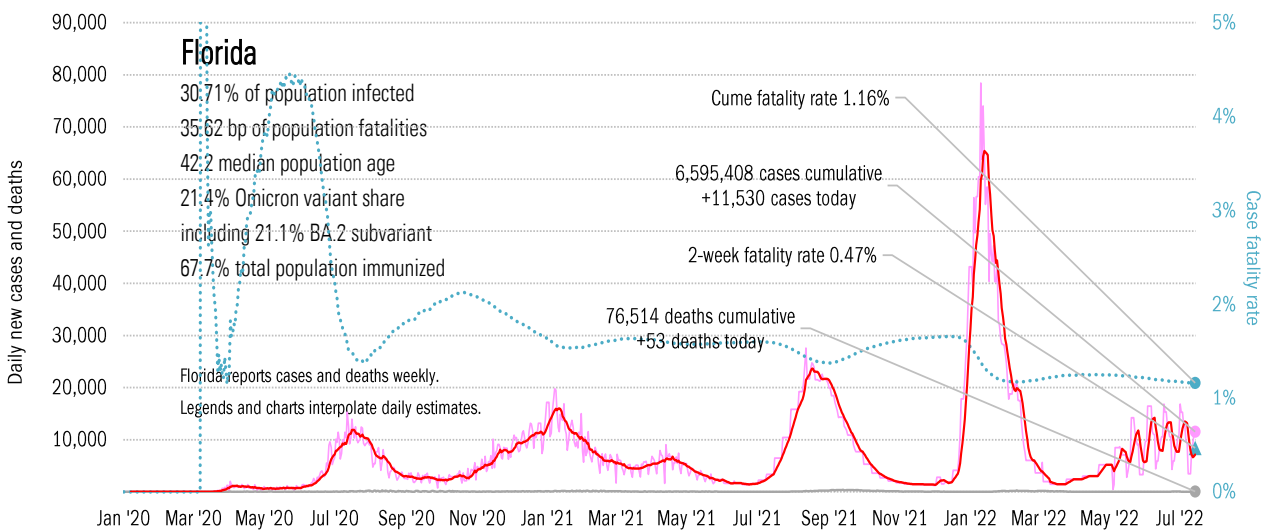
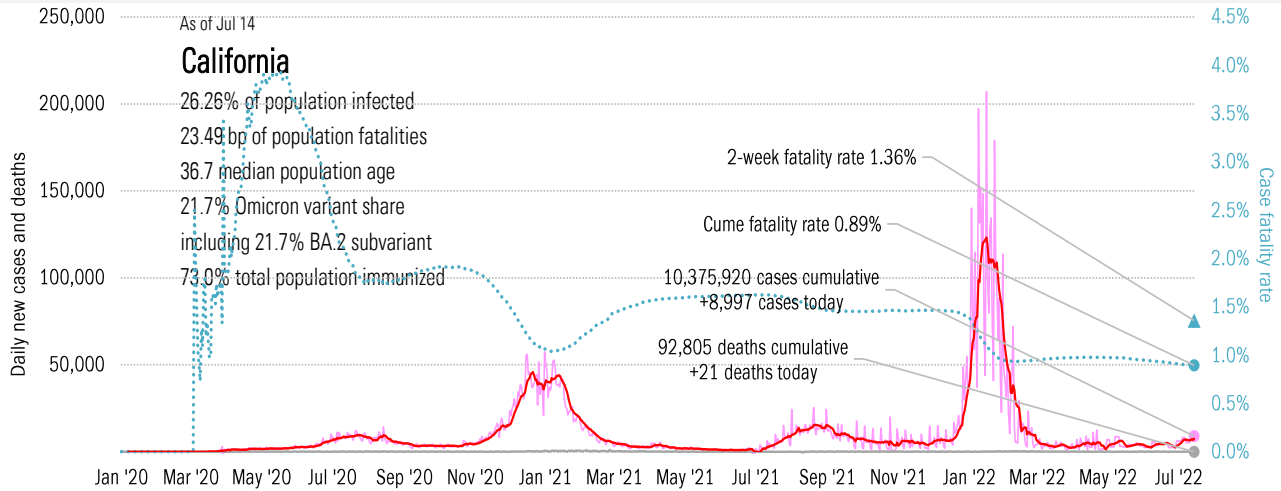
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

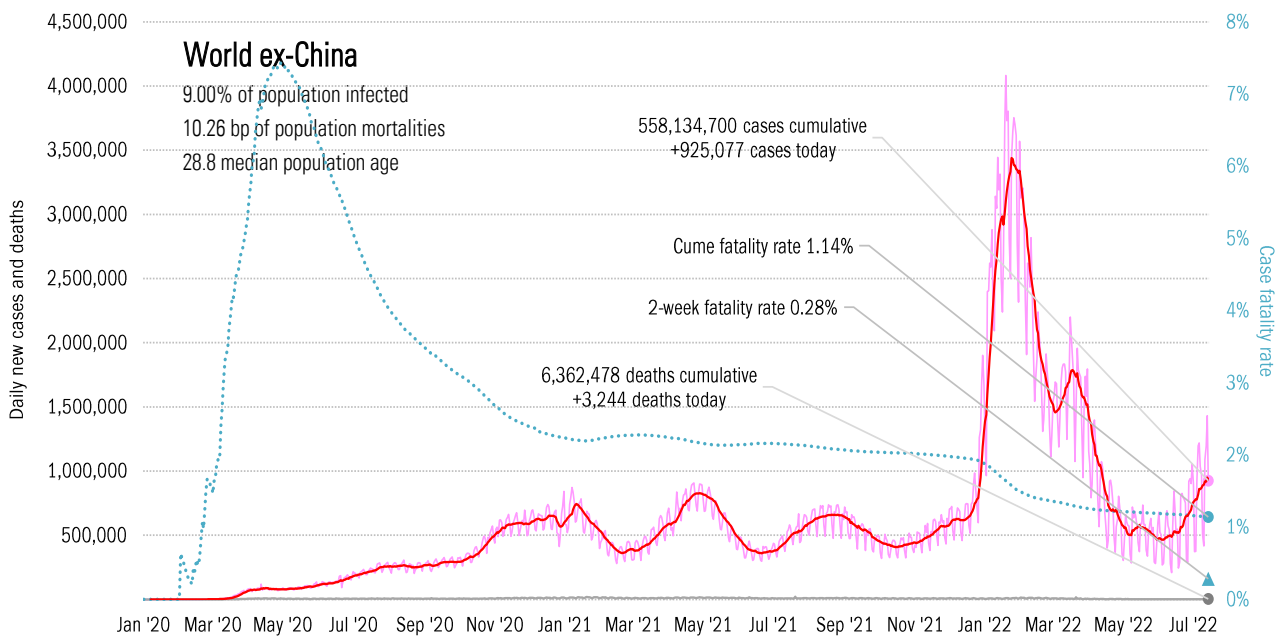
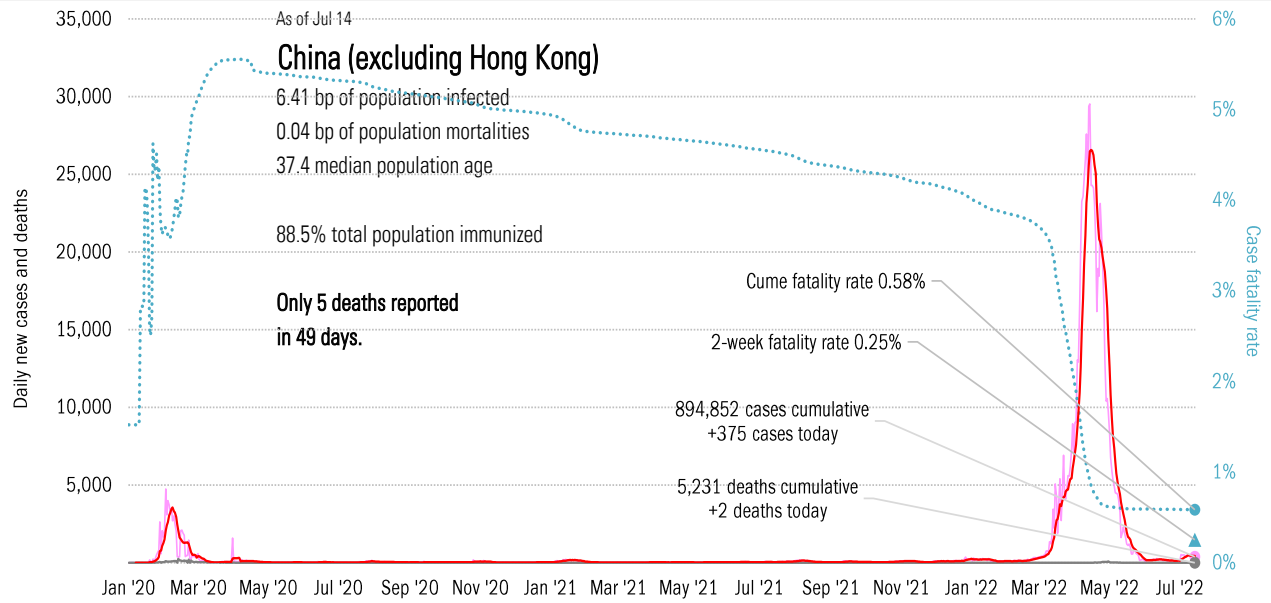
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

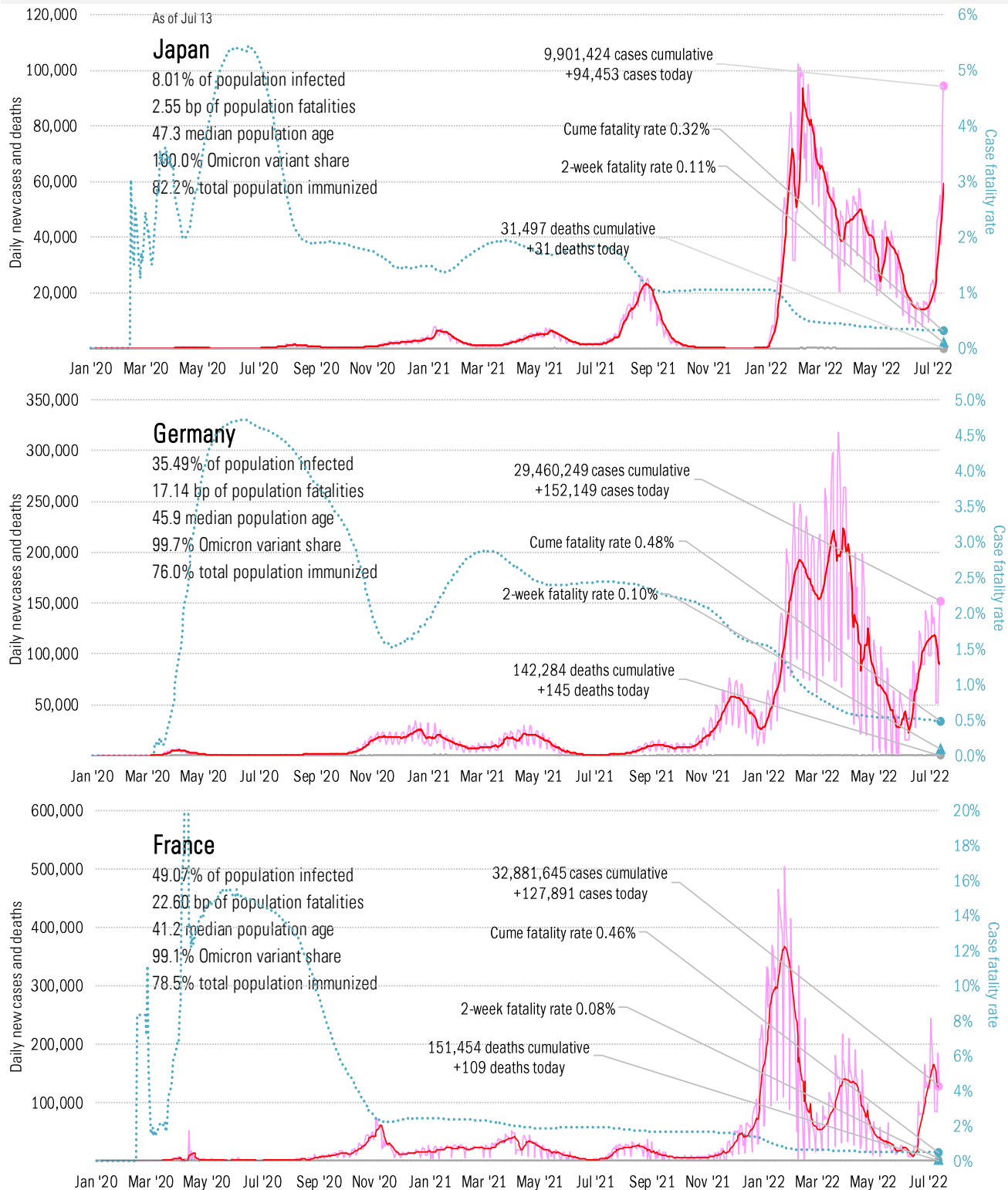
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

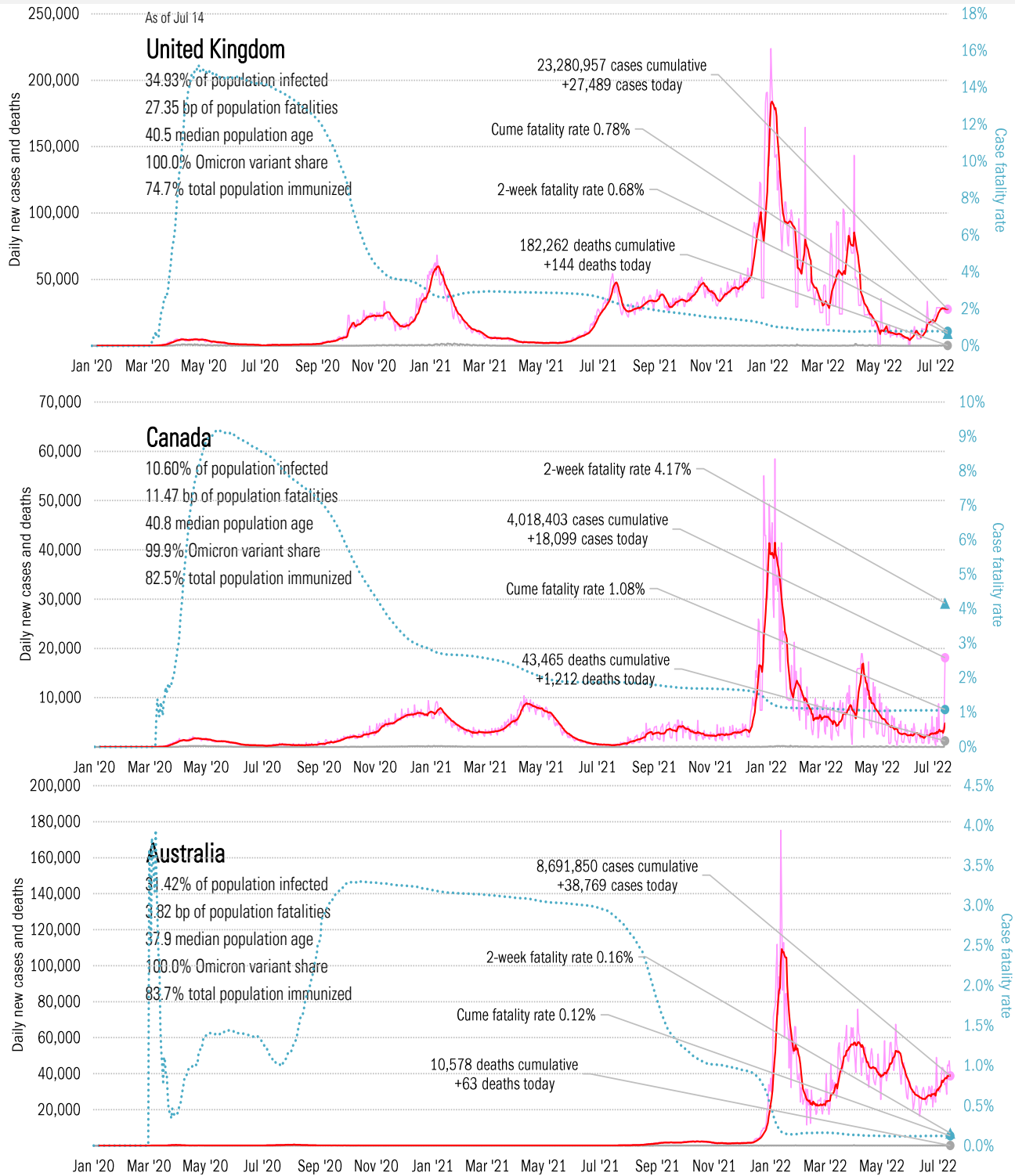
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

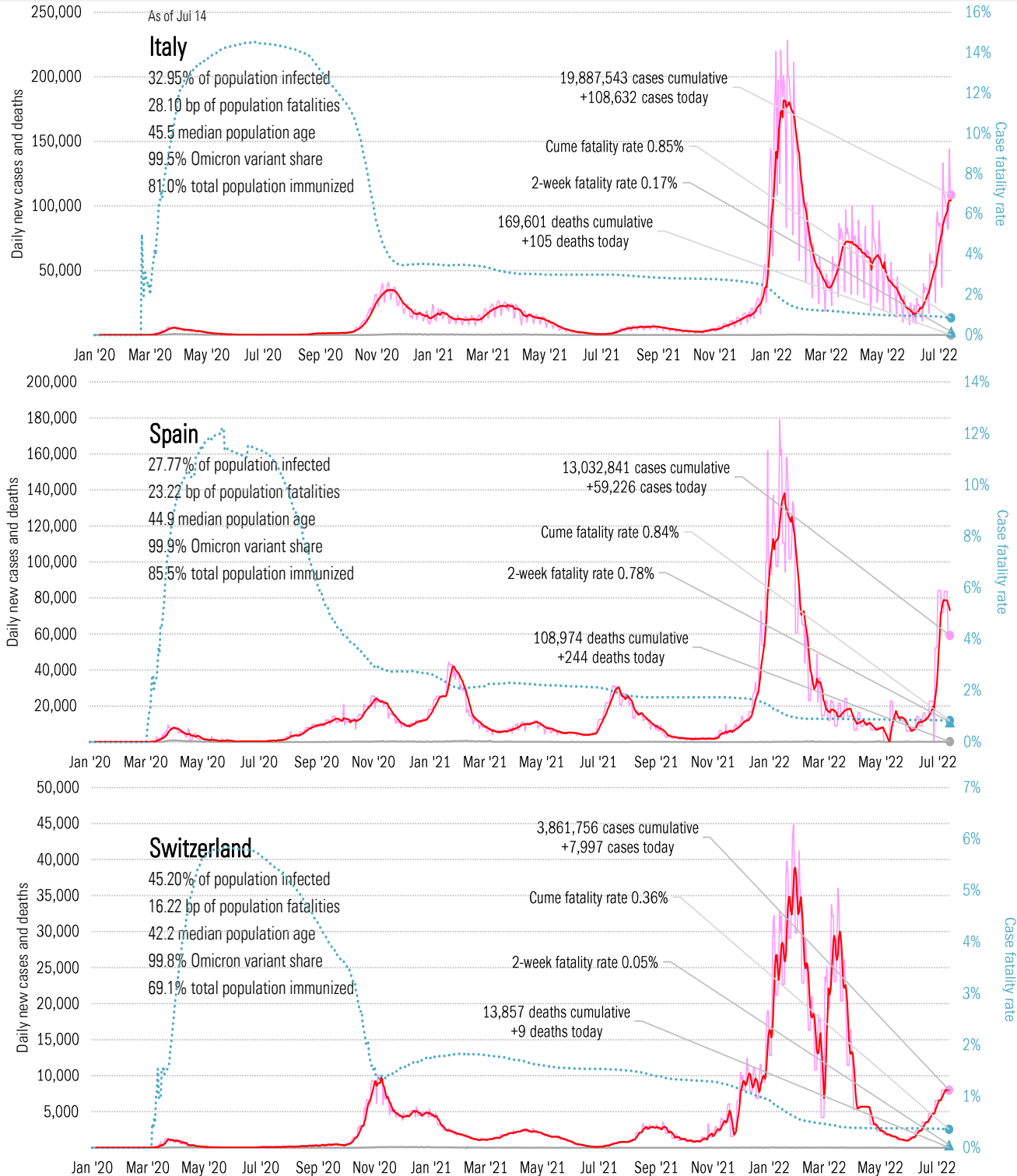
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

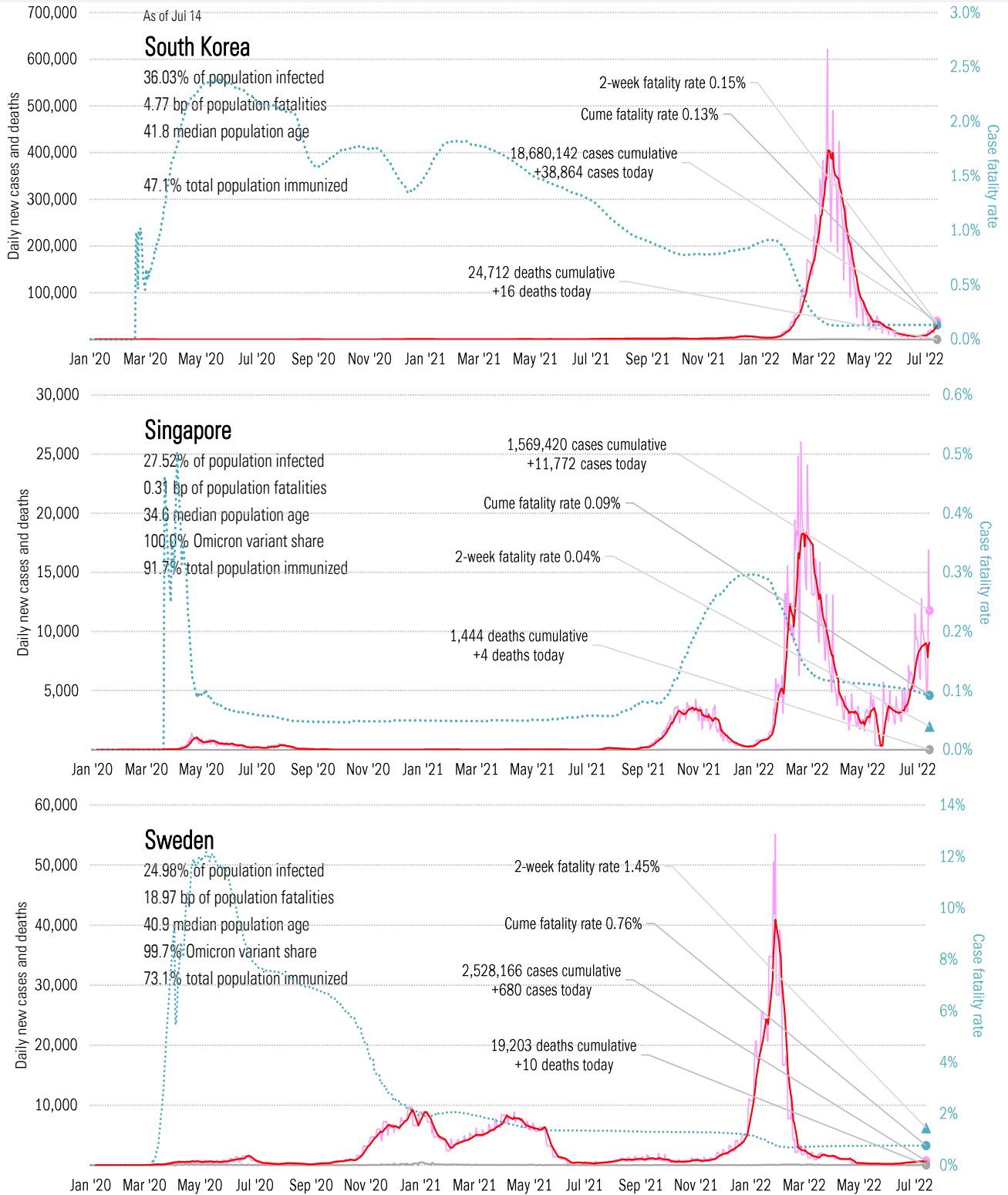
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

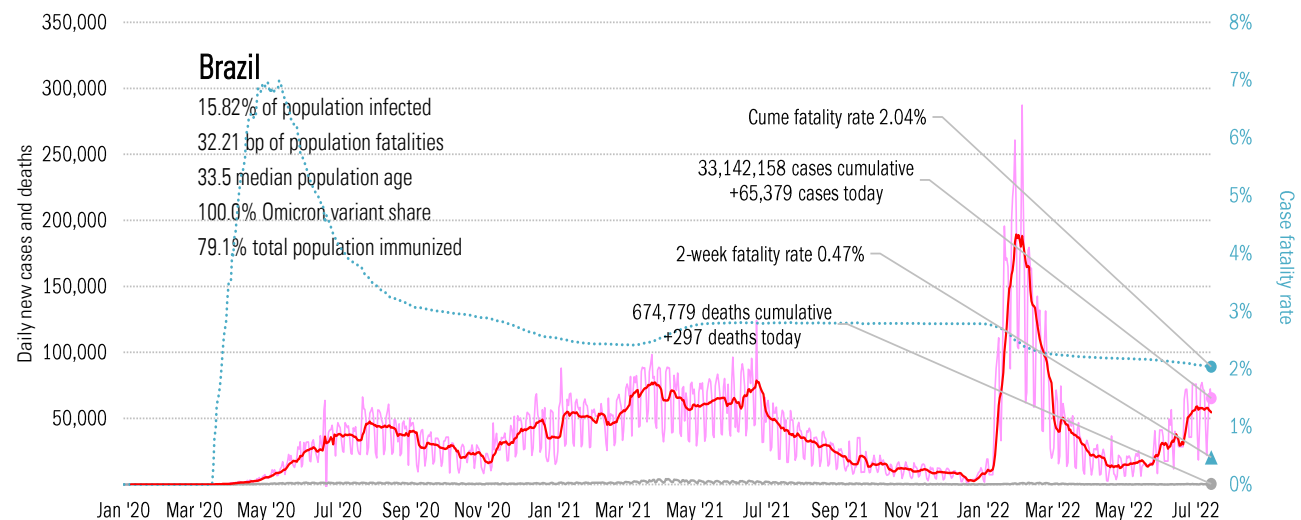
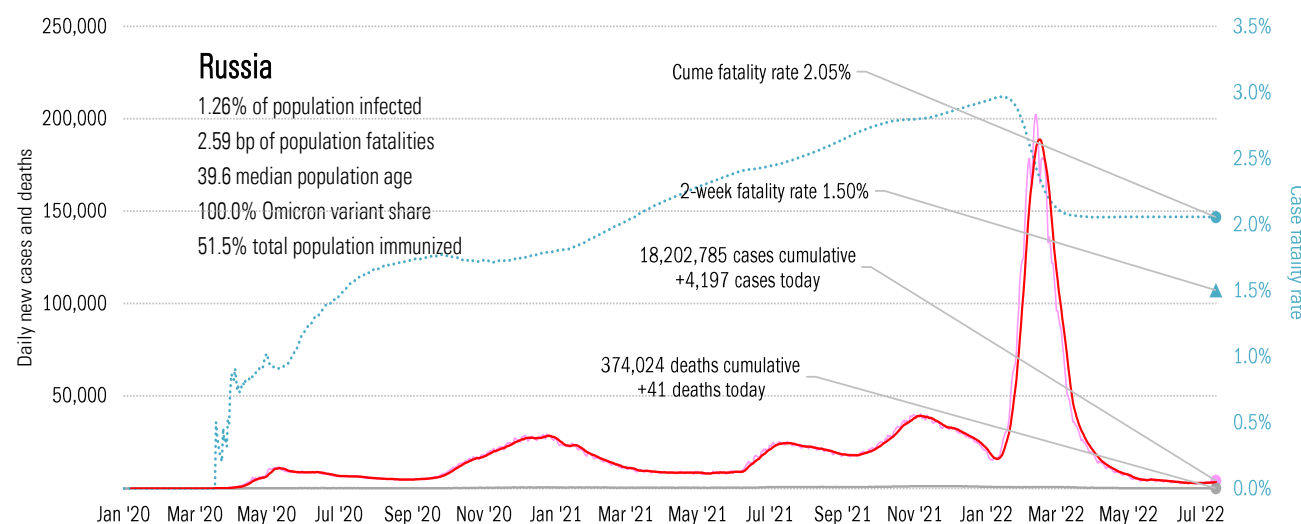
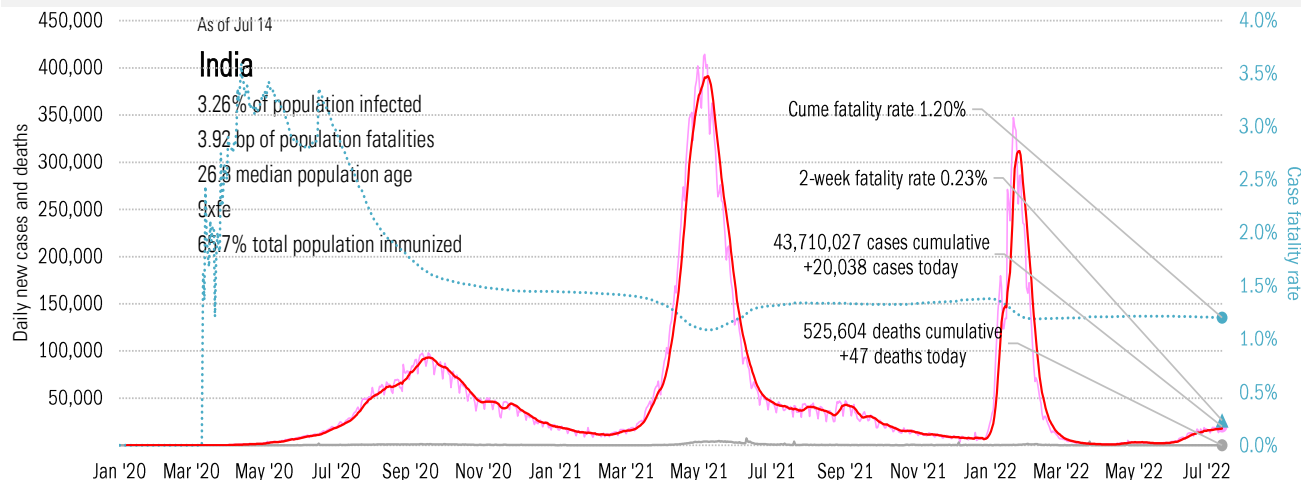
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

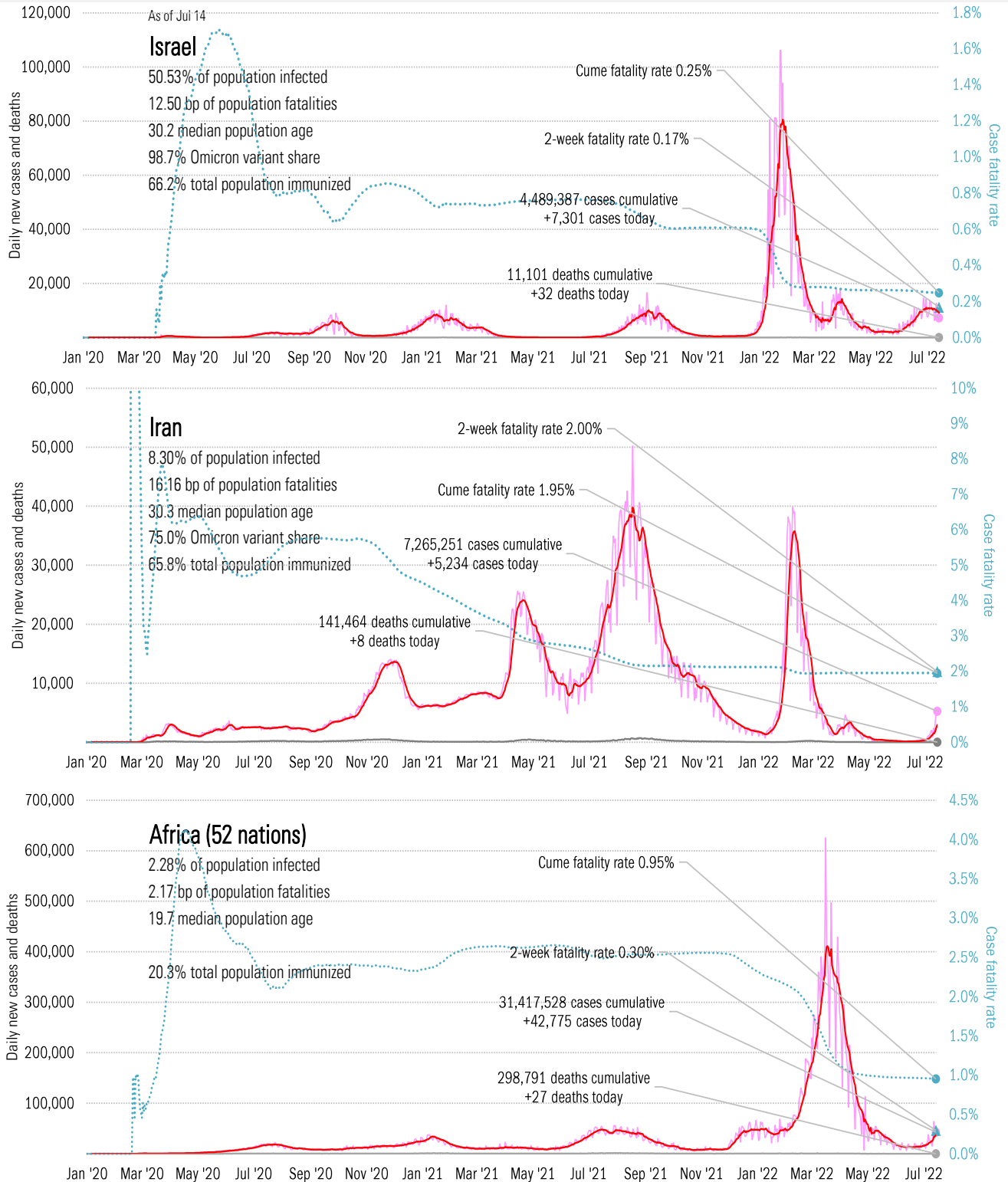
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

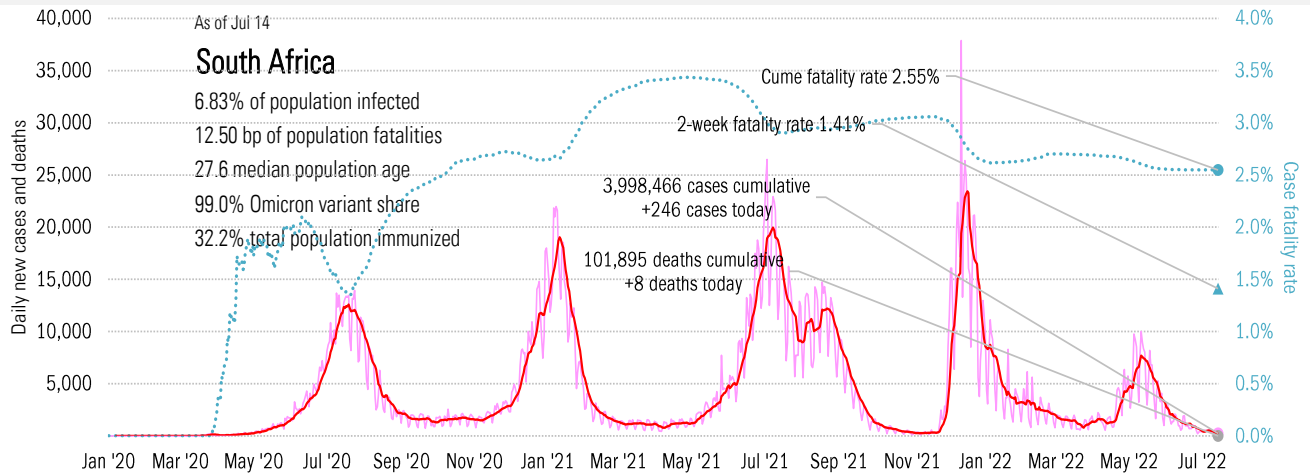
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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