

Data Insights: Covid-2019 Monitor

Tuesday, July 12, 2022

The global scorecard

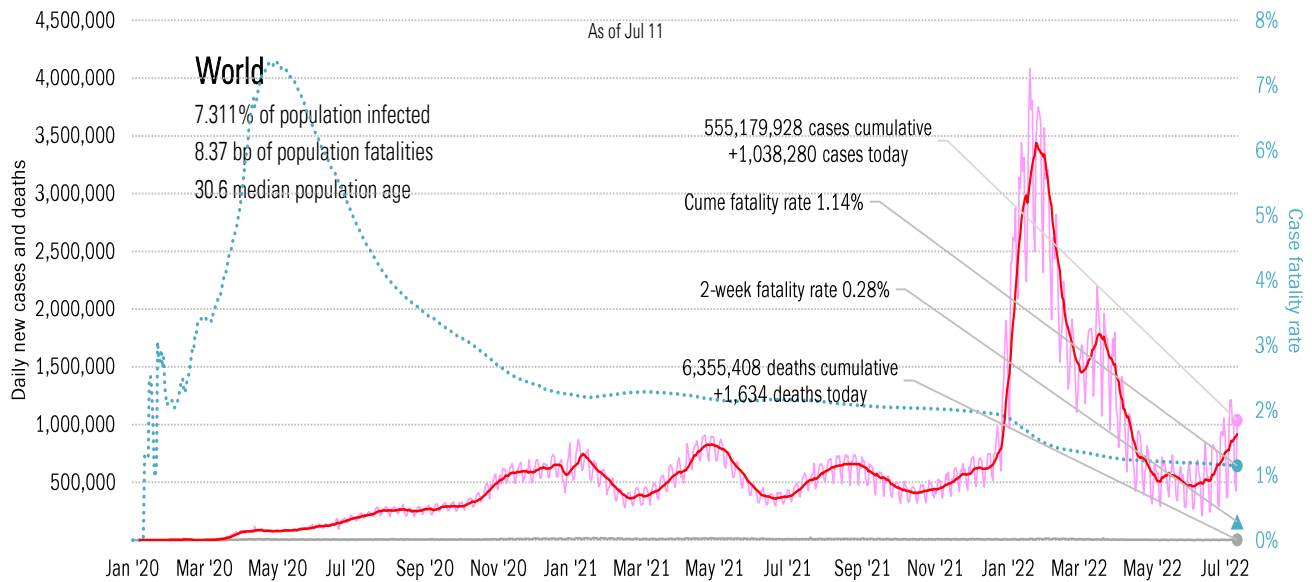
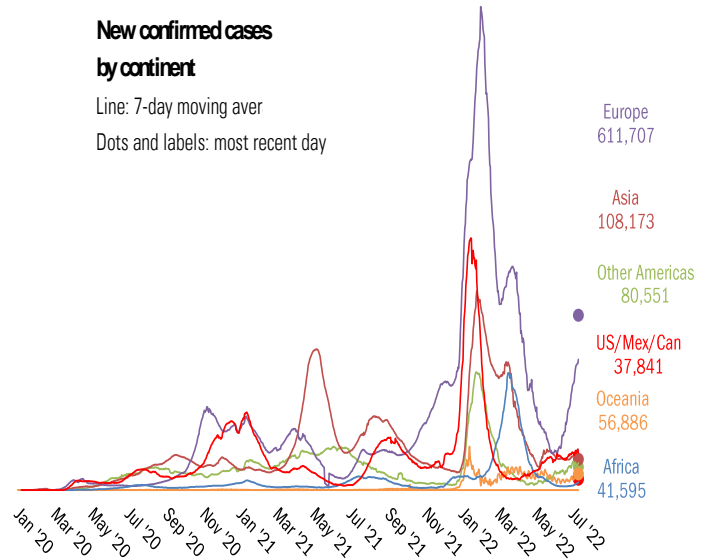
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
France	251,451	United States	383
Germany	154,729	Germany	165
United States	141,672	France	162
Italy	83,761	Brazil	148
Australia	44,724	Italy	127
Brazil	44,043	Taiwan*	96
Korea, South	37,323	Australia	58
Japan	37,114	Portugal	55
Austria	31,191	Thailand	47
Belgium	25,227	Chile	42
851,235		1,283	
World	1,038,280	World	1,634
Top ten	82%	Top ten	79%

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:

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

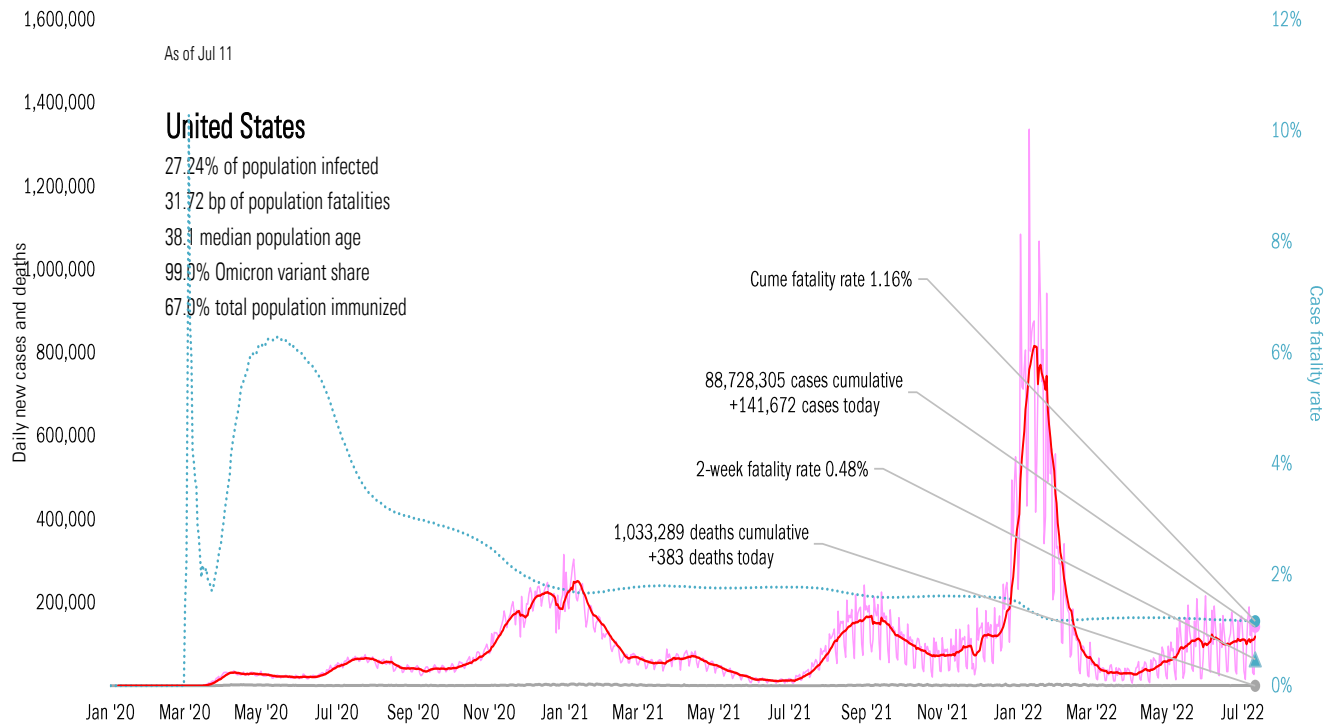
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	24,573		FL	71		CA	670		CA	10,298,922		CA	92,684		TX	510,023		RI	92%	TX	85%
TX	12,933		CA	55		TX	519		TX	7,310,382		TX	88,859		CA	457,369		MN	86%	RI	85%
IL	11,942		NY	24		GA	221		FL	6,563,570		FL	76,343		FL	450,530		MA	86%	DE	83%
NY	10,808		WV	22		NY	329		NY	5,679,453		NY	69,823		NY	274,229		WA	85%	AL	81%
VA	7,876		WA	18		NC	149		IL	3,474,890		PA	45,821		GA	211,812		GA	84%	MA	81%
FL	7,627		IN	14		LA	137		PA	3,018,129		CH	38,920		CH	201,492		MD	83%	NC	81%
WA	7,336		IL	11		IA	52		NC	2,892,680		GA	38,685		PA	188,563		WV	82%	NM	80%
LA	5,648		OR	11		WV	63		CH	2,867,291		IL	38,671		IL	170,665		MO	82%	NV	80%
KY	5,096		AL	9		WA	114		GA	2,667,557		MI	36,982		MI	151,003		DE	82%	WA	79%
CO	4,845		NM	9		AL	96		MI	2,619,533		NJ	34,112		KY	136,950		CR	81%	NE	78%
98,684			244			2,350			47,392,407			560,900			2,752,636						
All states	141,672		383		5,488		All states	88,728,305		1,033,289		4,999,153		All states	70%	67%					
Top ten	70%		64%		43%		Top ten	53%		55%		55%		Median	75%	71%					

Some states not reporting

Five most improved US states

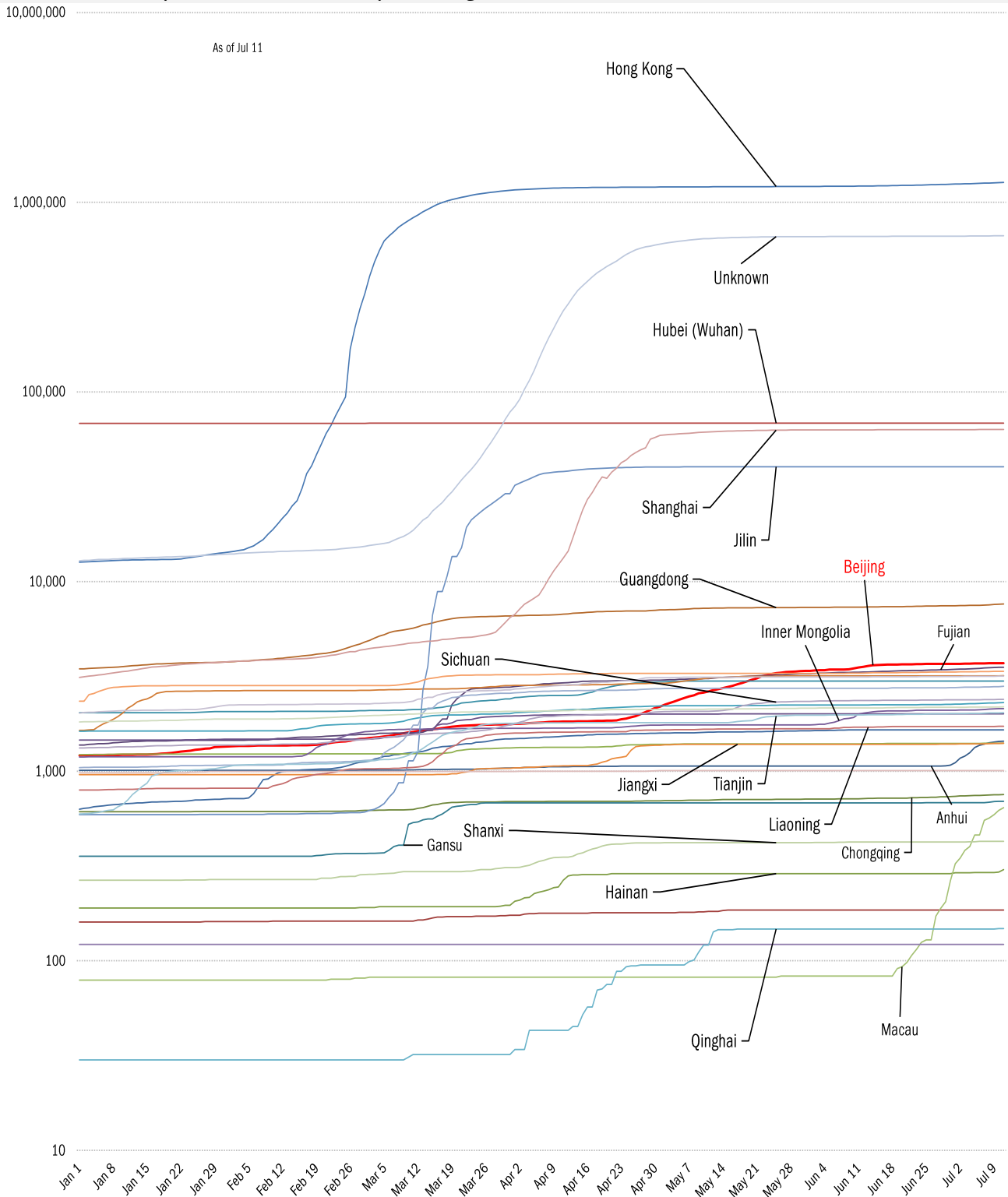
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
FR	-1,703	FL	-8	PA	-33	VA	+660 bp
NJ	-989	TX	-1	MI	-29	TN	+612 bp
CT	-74	AK	0	KY	-20	LA	+506 bp
AR	-52	AR	0	CO	-14	AR	+502 bp
AK	0	AS	0	WI	-9	IN	+499 bp



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"

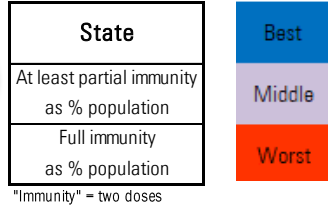
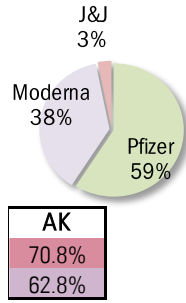


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

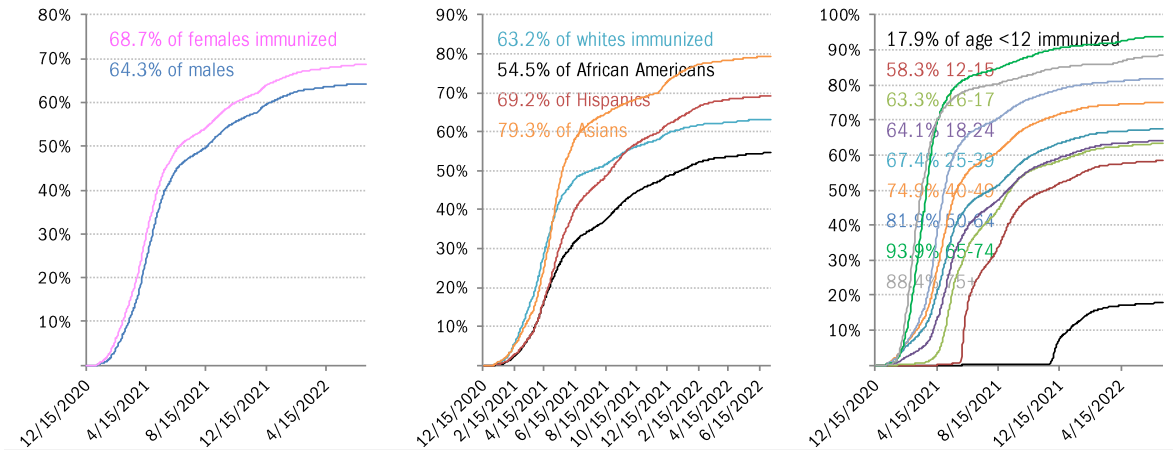
Administered	Cumulative		Today	Immunity	Full	Partial
Doses	612,676,095		+0.208 million	US	67.0%	78.4%
of which boosters	108,590,845		+0.050 million	UK	73.6%	78.6%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	268,330,668	80%	228,738,120	68%	+0.028 million	France 78.5% 80.8%
Age 12 to 17	17,958,024	71%	15,363,062	61%	+0.003 million	Spain 86.8% 88.3%
Age 18 to 64	179,904,326	88%	152,678,815	75%	+0.015 million	Germany 75.5% 77.1%
Age 65 and over	59,439,014	100%	51,975,143	95%	+0.005 million	Italy 79.4% 84.2%
						Australia 84.1% 86.7%
						Israel 66.2% 72.3%
						Canada 82.6% 86.1%
						Japan 81.2% 82.3%
						Africa 19.8% 25.2%
						India 65.9% 73.0%
						Brazil 79.1% 86.4%
						China 87.3% 89.6%



As of Jul 7

State	Best	Middle	Worst
AK	70.8%	62.8%	
WI	72.5%	66.2%	
ME	92.2%	80.6%	
NY	91.2%	77.9%	
VT	94.8%	82.0%	
NH	89.7%	71.7%	
OR	78.7%	70.3%	
NV	76.2%	61.5%	
WY	58.7%	51.4%	
SD	77.9%	62.7%	
IA	68.5%	62.5%	
IN	62.7%	56.5%	
OH	63.8%	58.8%	
PA	86.3%	69.7%	
NJ	91.5%	76.5%	
MA	95.0%	80.1%	
CA	83.1%	72.9%	
UT	72.8%	64.8%	
CO	80.4%	70.9%	
NE	71.0%	64.1%	
MO	66.9%	56.7%	
KY	66.8%	57.9%	
WV	65.6%	58.2%	
VA	86.9%	73.9%	
MD	87.8%	76.5%	
CT	95.0%	80.2%	
RI	95.0%	83.8%	
AZ	74.4%	62.5%	
NM	89.2%	72.1%	
KS	73.3%	62.6%	
AR	67.5%	55.1%	
TN	62.8%	55.0%	
NC	86.0%	62.6%	
SC	68.5%	57.7%	
DC	95.0%	76.3%	
DE	84.3%	70.2%	
OK	71.9%	58.0%	
LA	61.6%	54.0%	
MS	60.2%	52.3%	
AL	63.3%	51.6%	
GA	66.2%	55.5%	
HI	88.6%	79.1%	
TX	74.5%	62.4%	
FL	80.2%	67.7%	
PR	95.0%	83.7%	

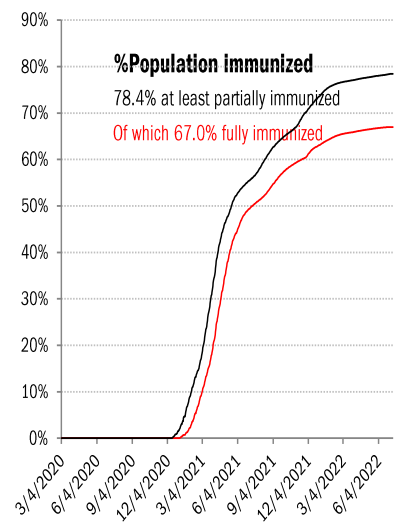
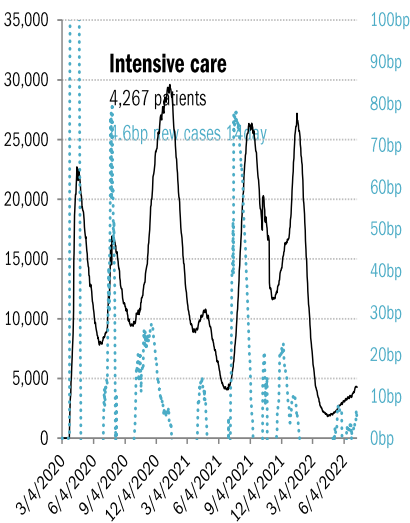
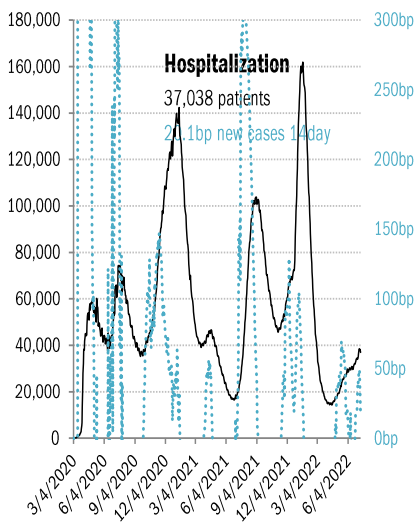
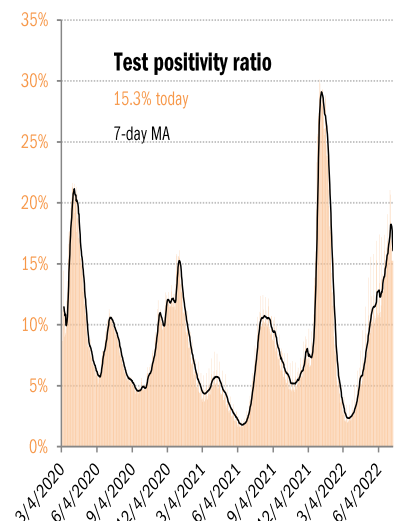
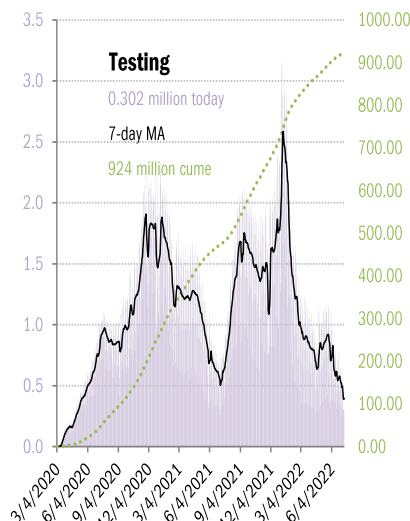
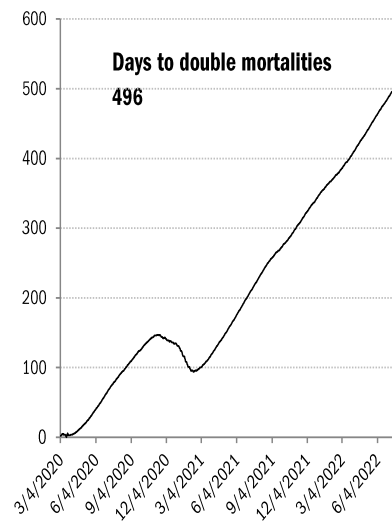
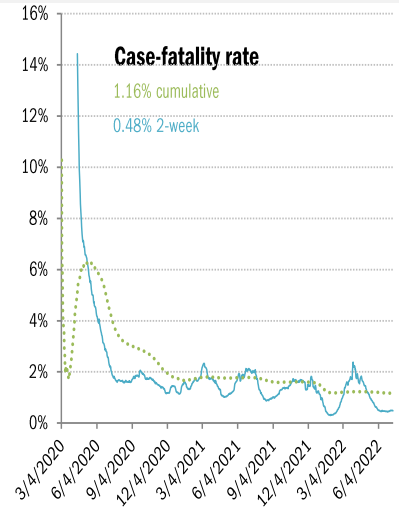
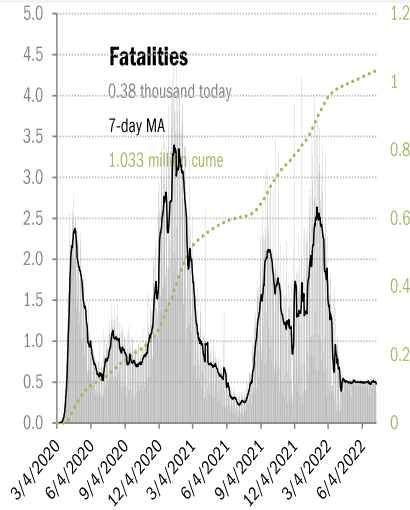
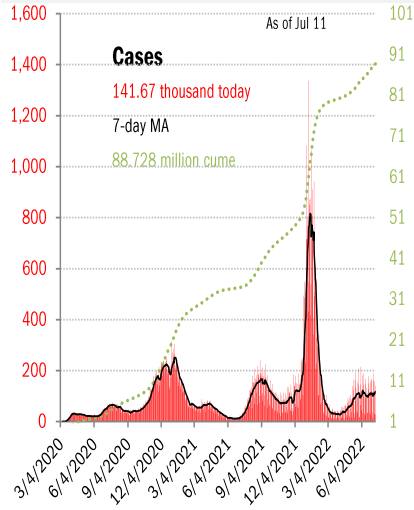
The demographics of US vaccination



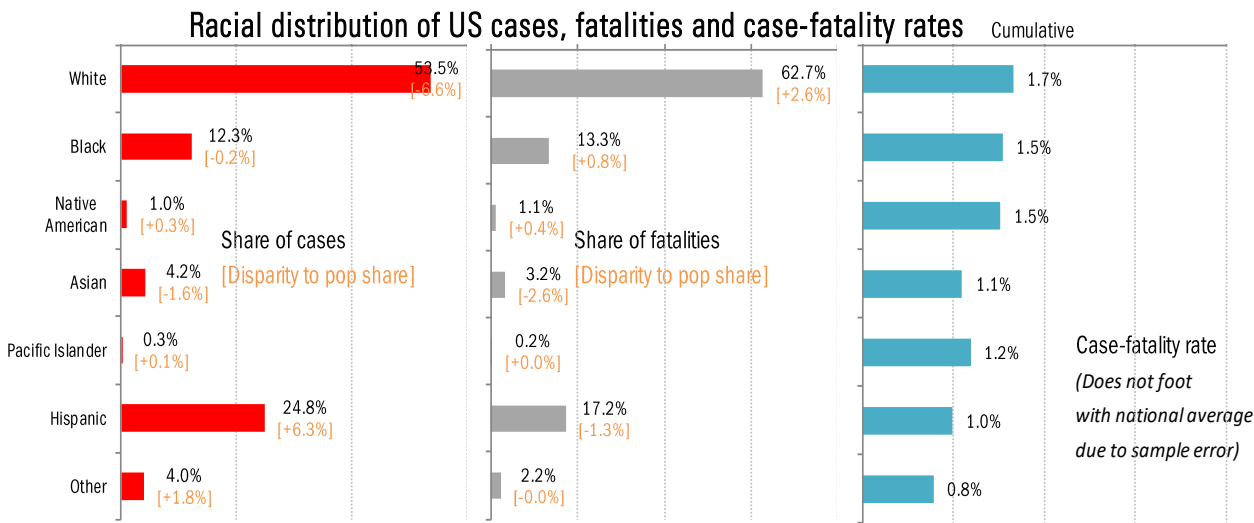
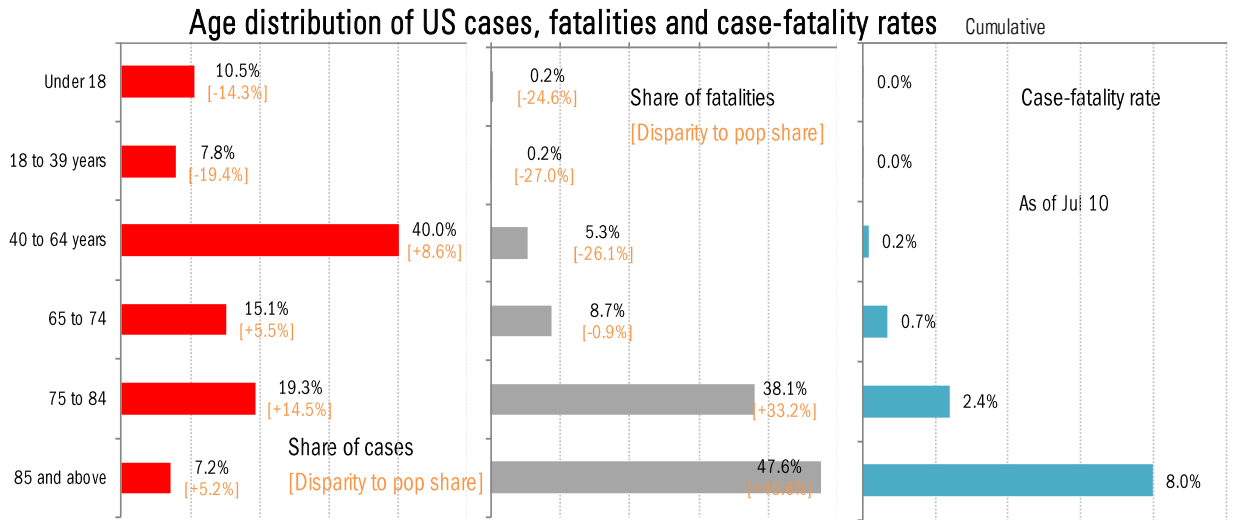
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

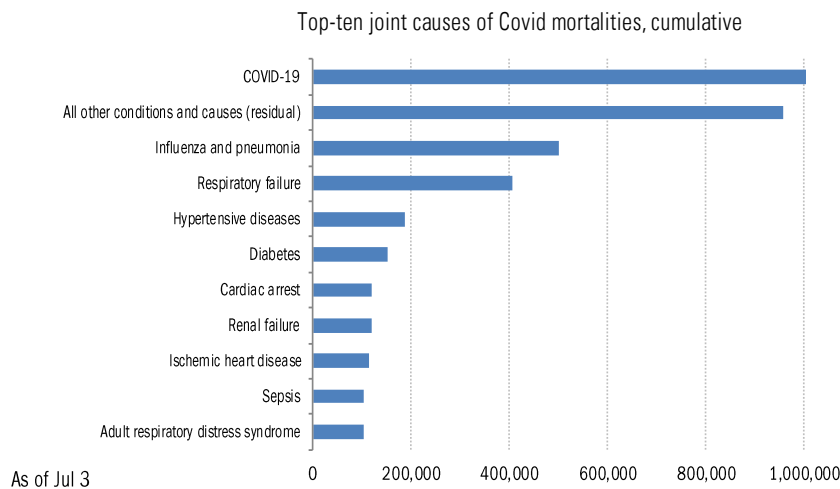
National and state-by-state data do not line up because of different sources



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

[The Never-Ending Covid Emergency](#)

Wall Street Journal

July 11, 2022

[The price of fear](#)

Alex Berenson

Unreported Truths

July 11, 2022

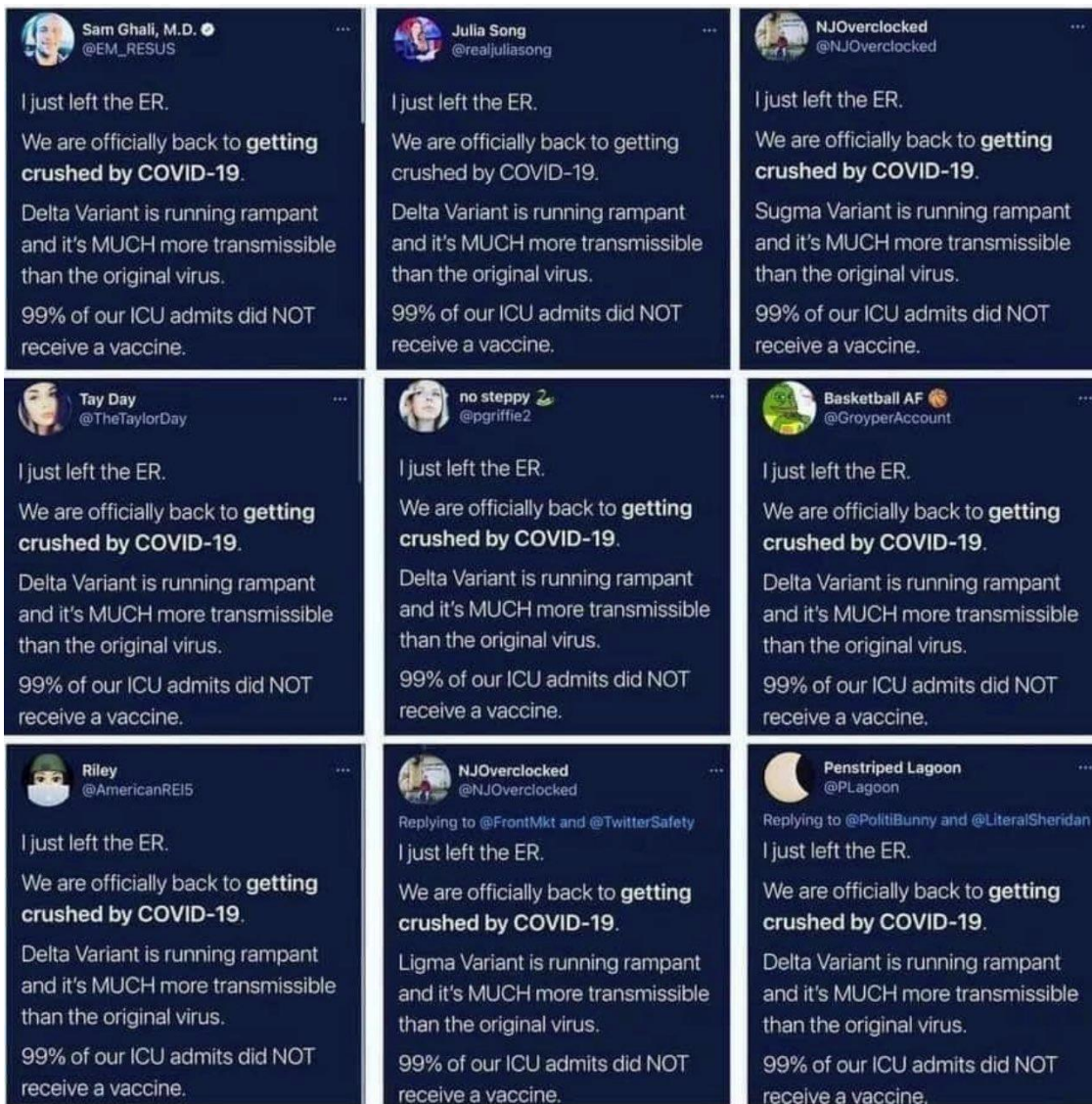
[A Clunky Mask May Be the Answer to Airborne Disease and N95 Waste](#)

Andrew Jacobs

New York Times

July 3, 2022

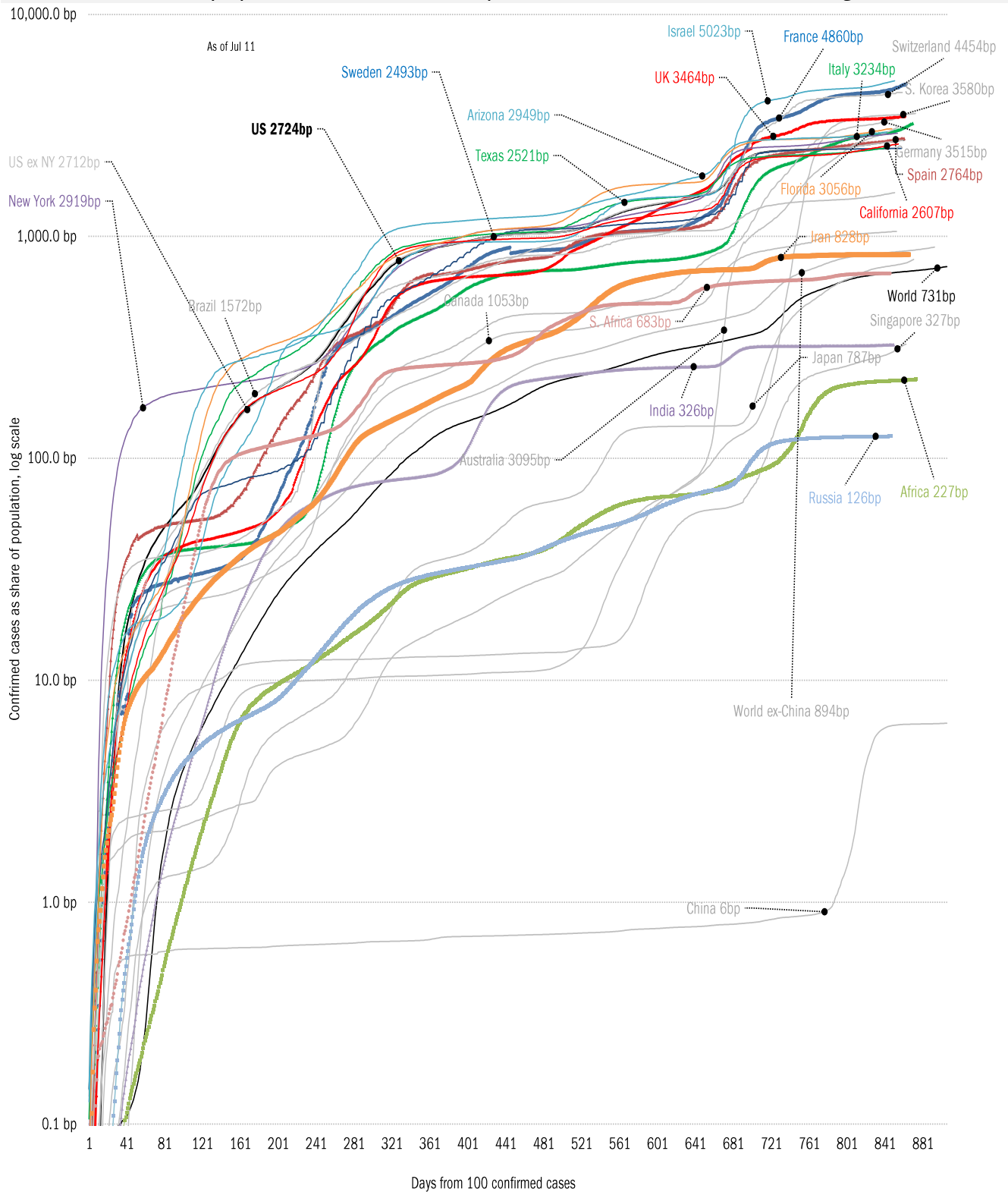
Meme of the day



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

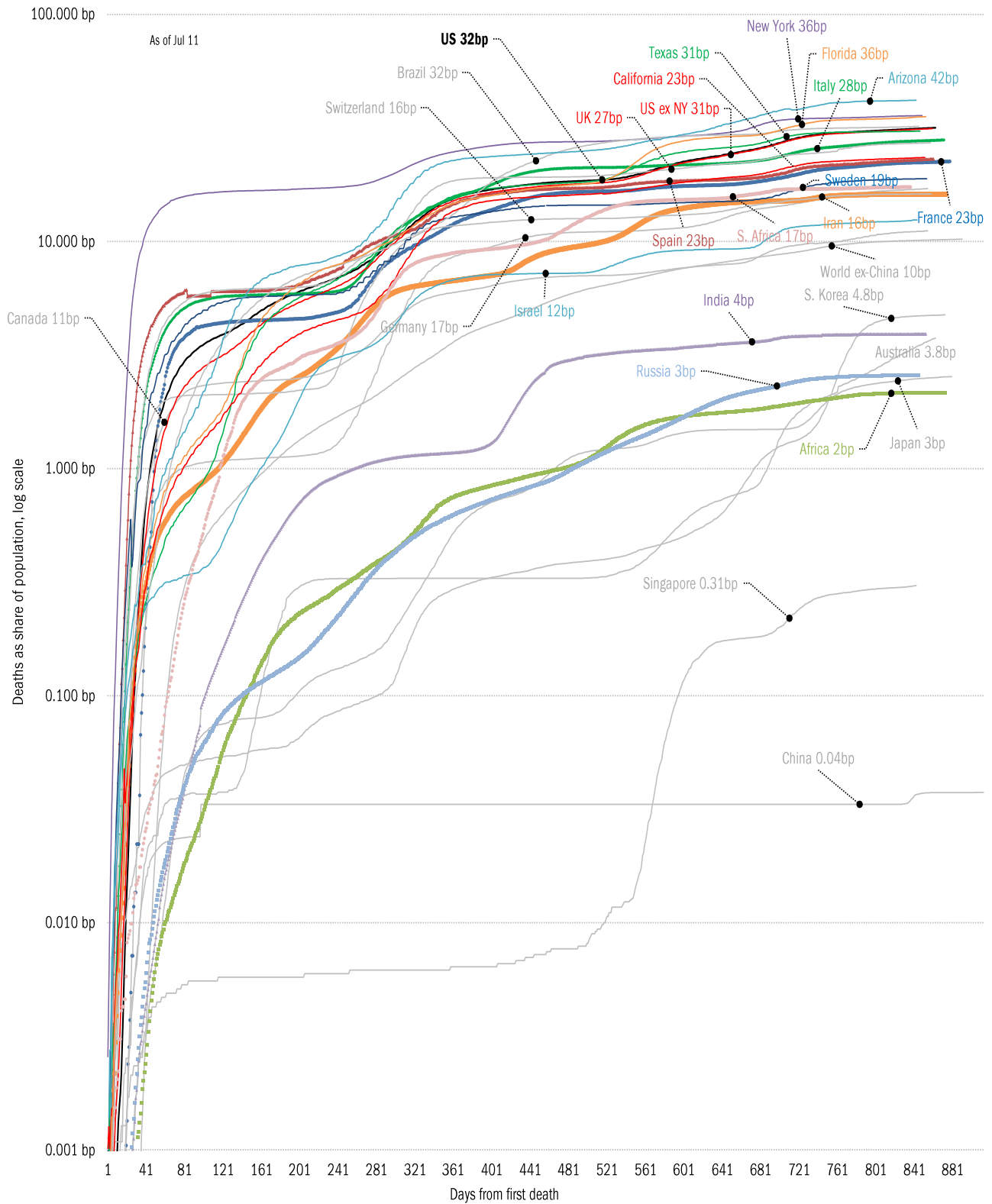
The global coronavirus case accelerometer... tracking the world's infection curves

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

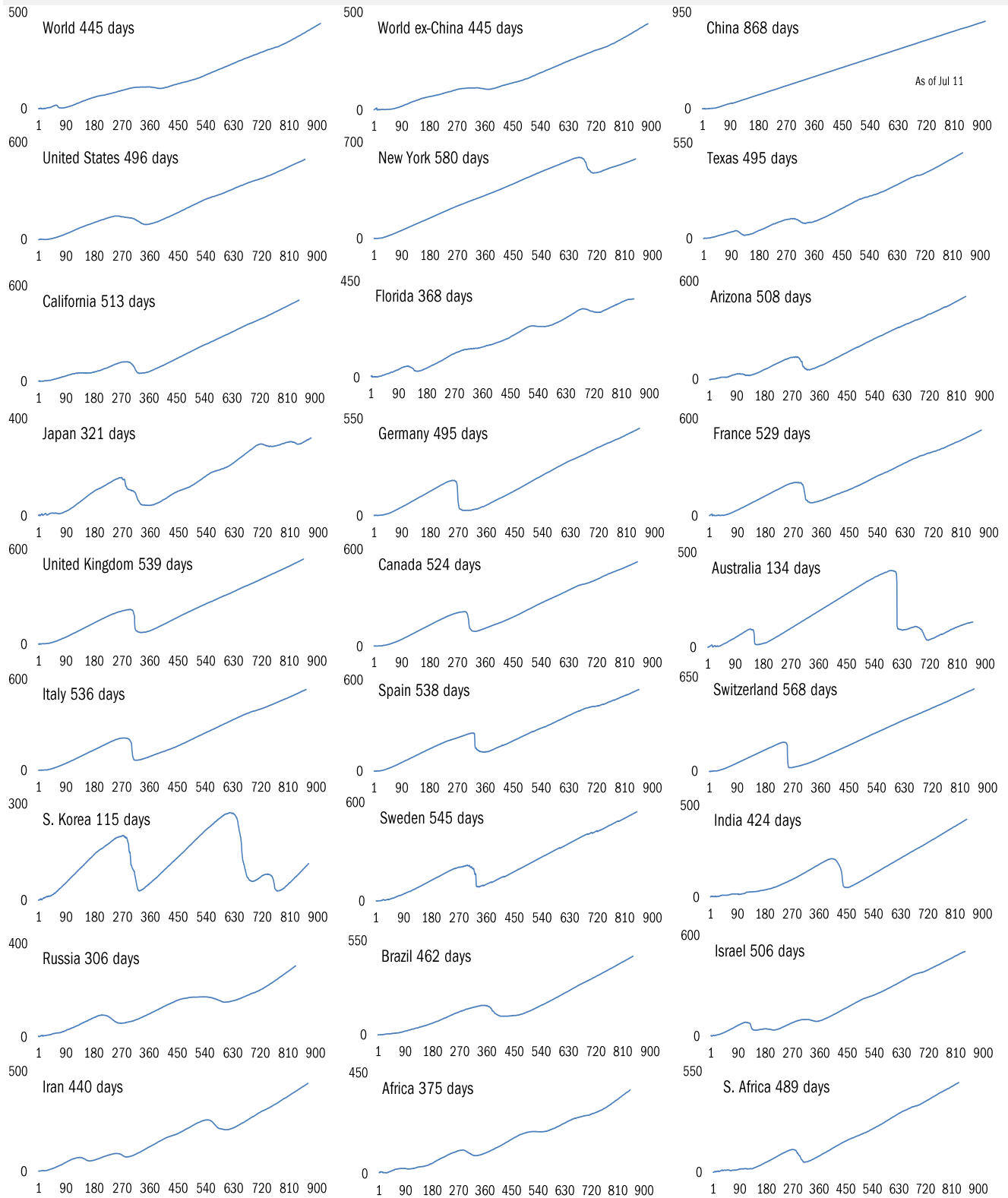


Source: [Johns Hopkins](#), TrendMacro calculations

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

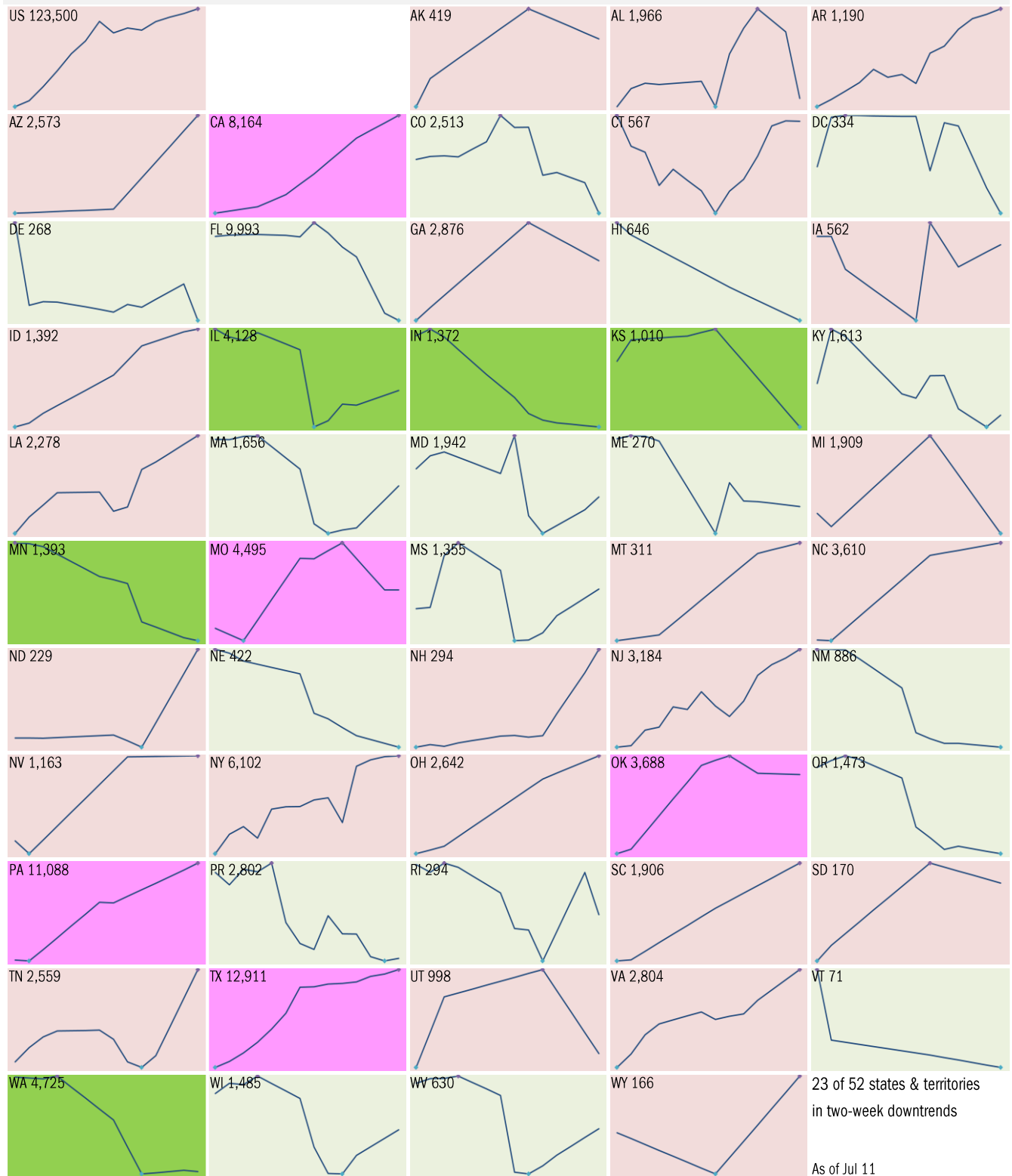


Source: [Johns Hopkins](#), TrendMacro calculations

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

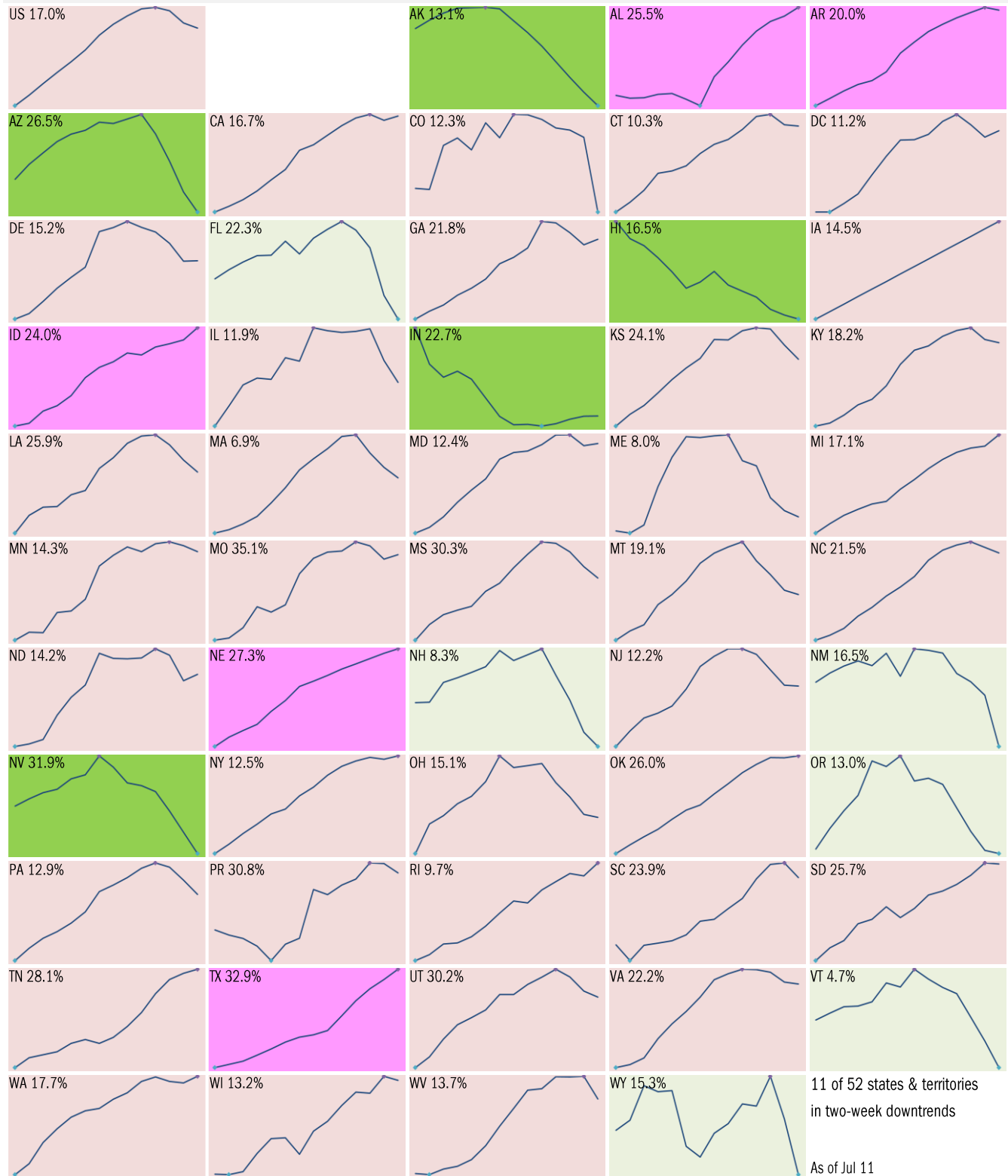


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

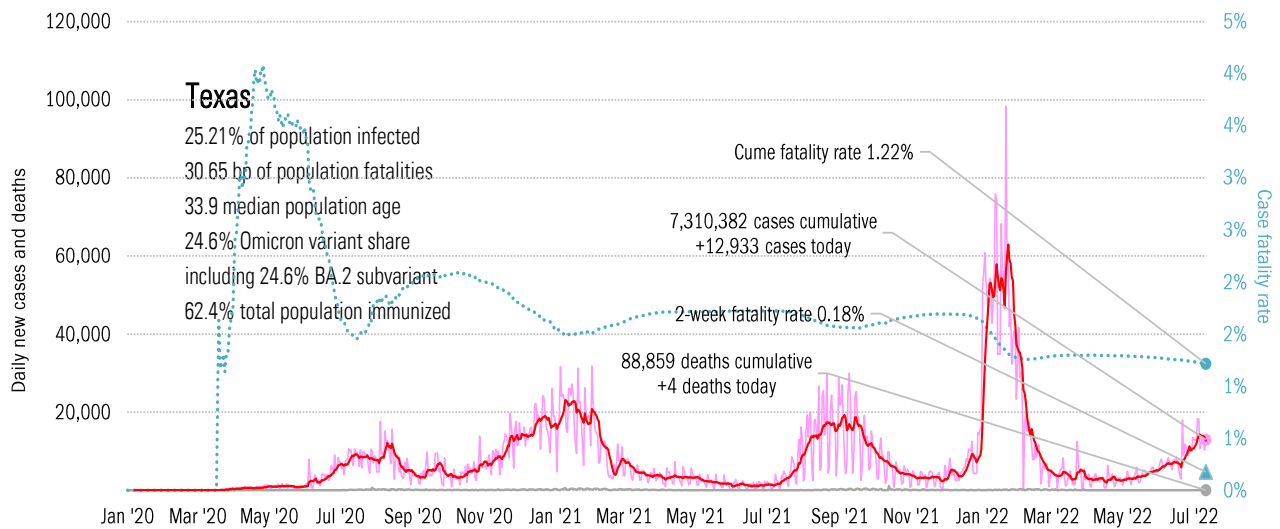
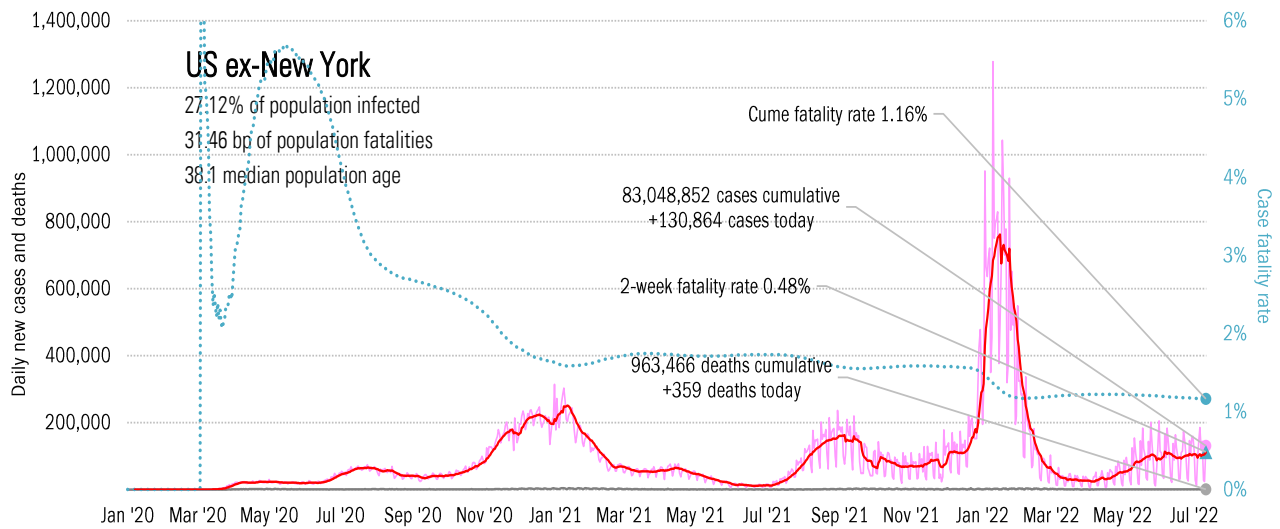
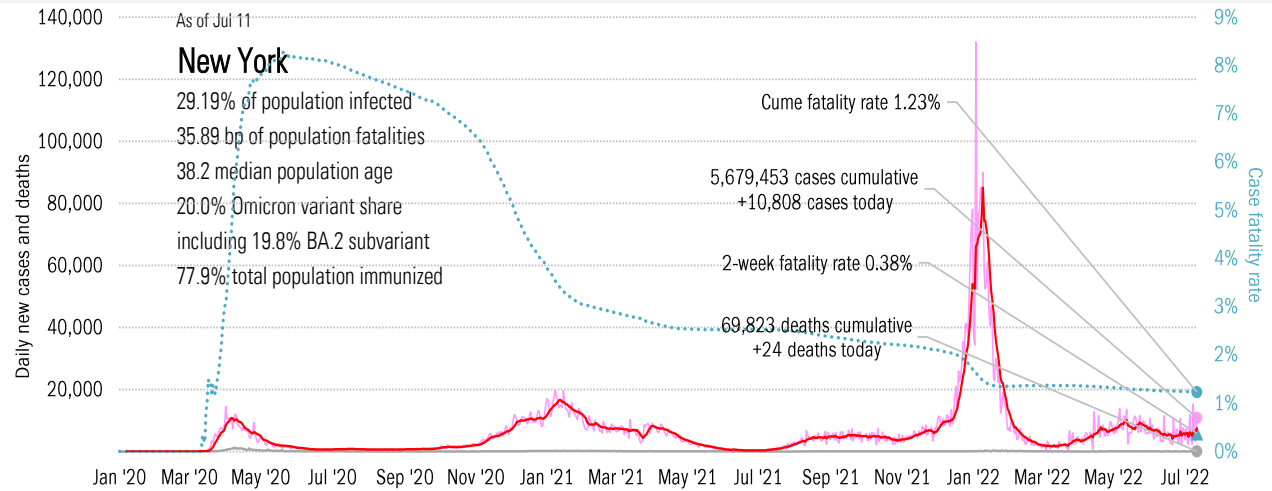
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

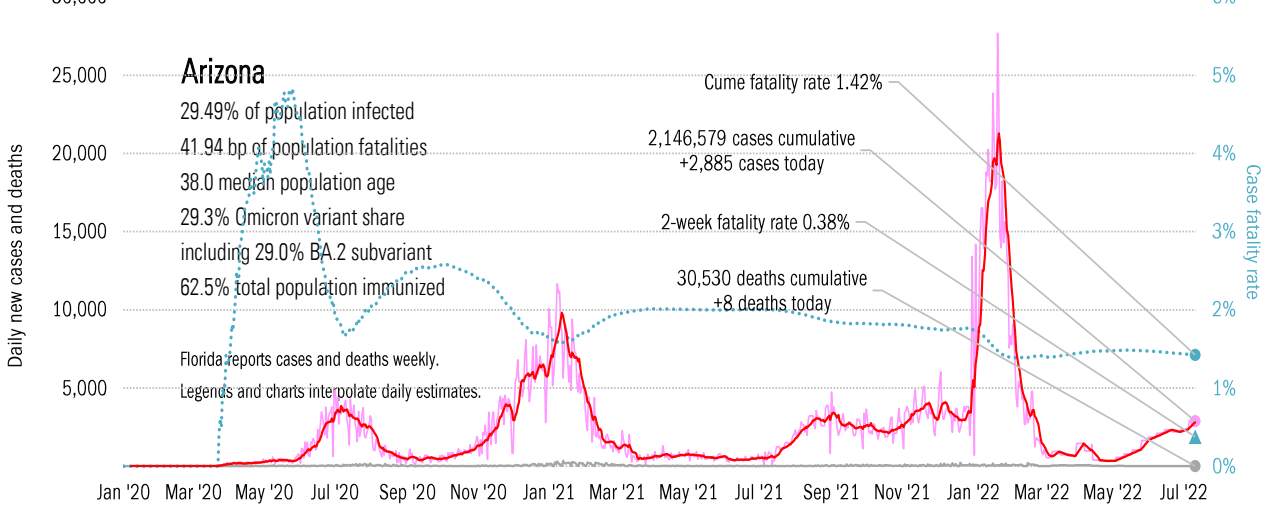
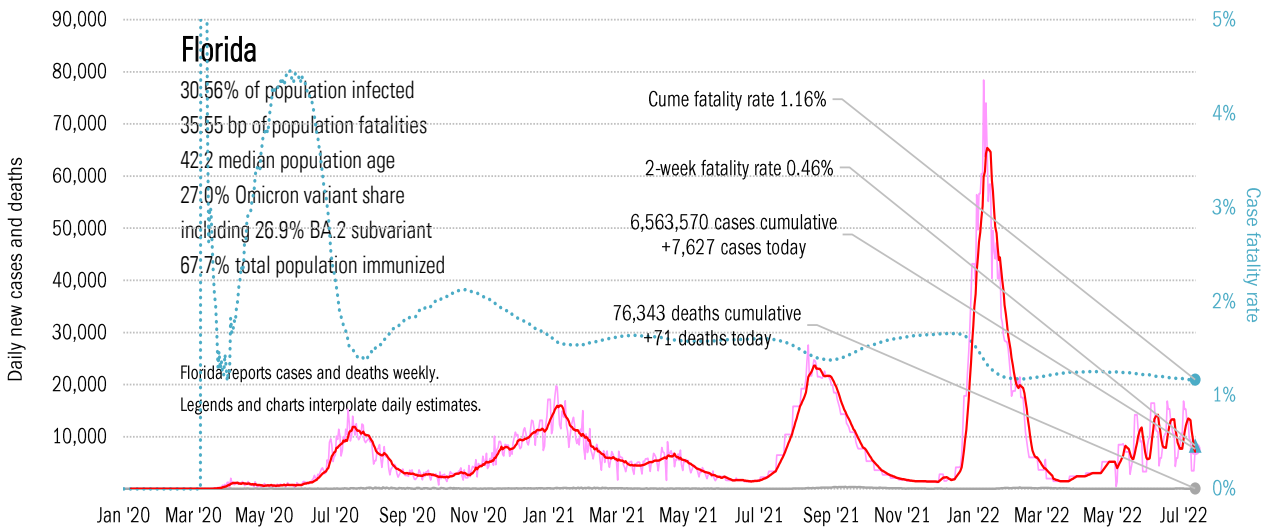
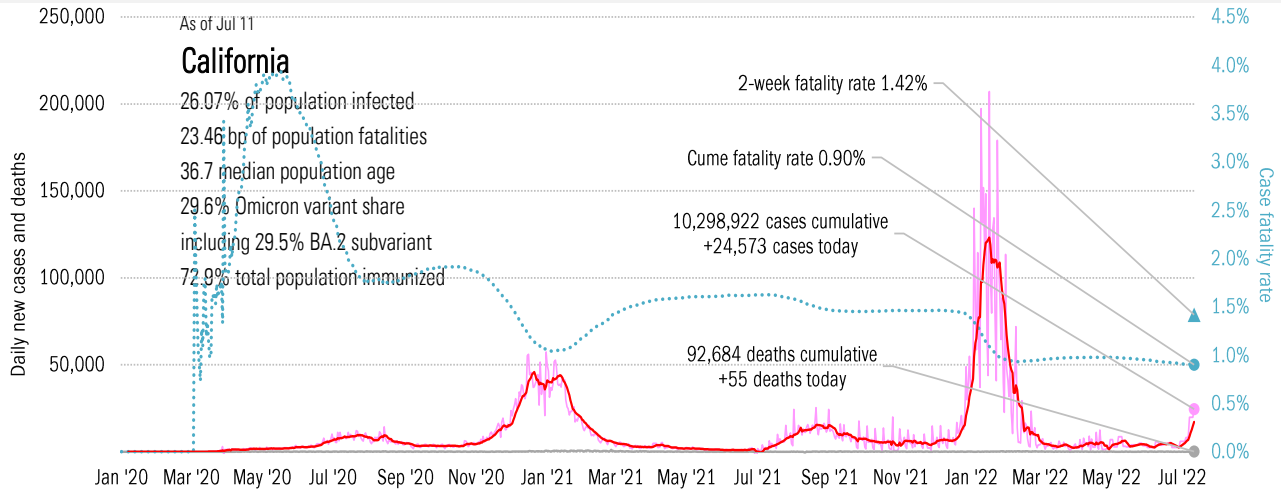
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

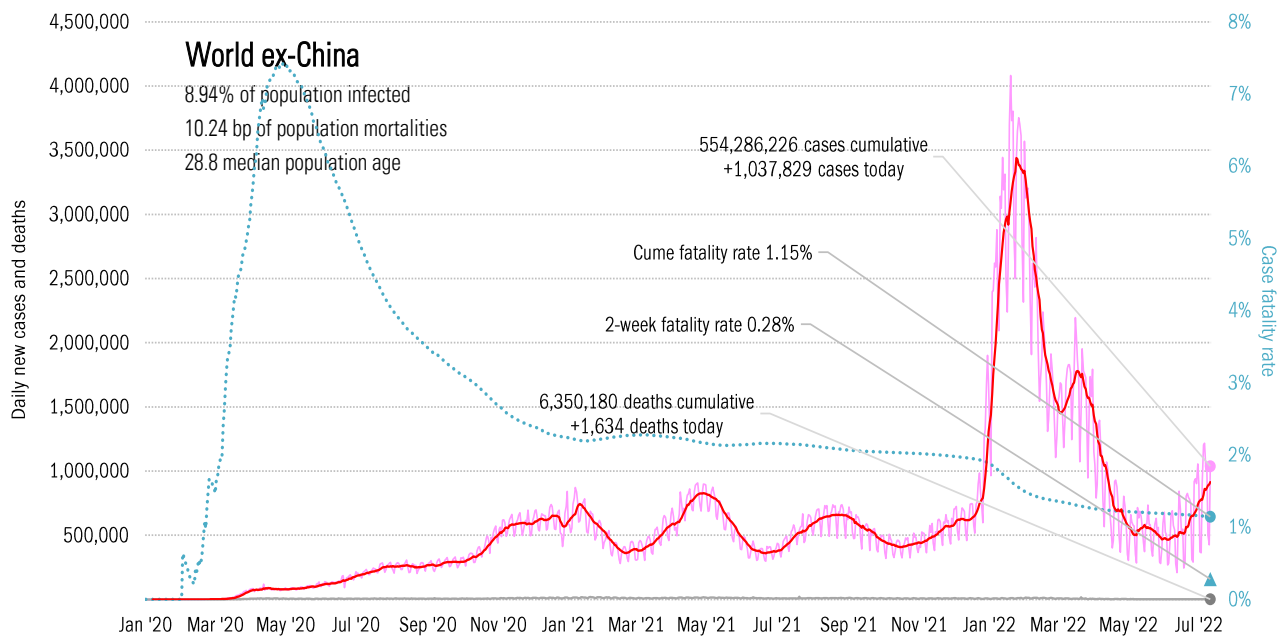
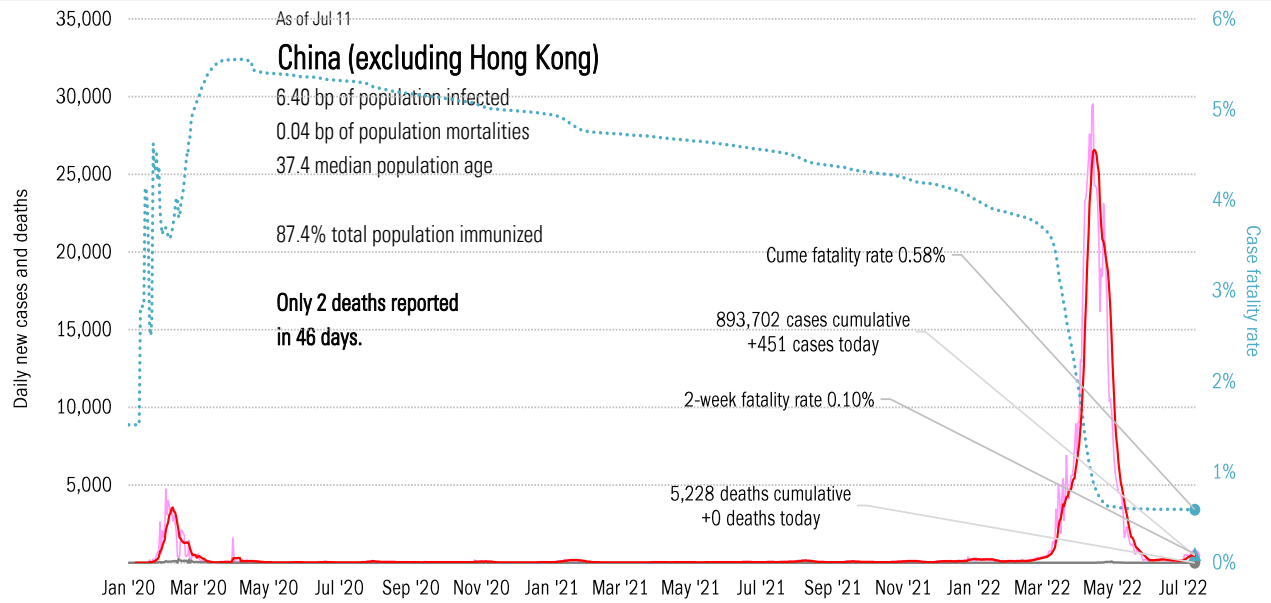
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

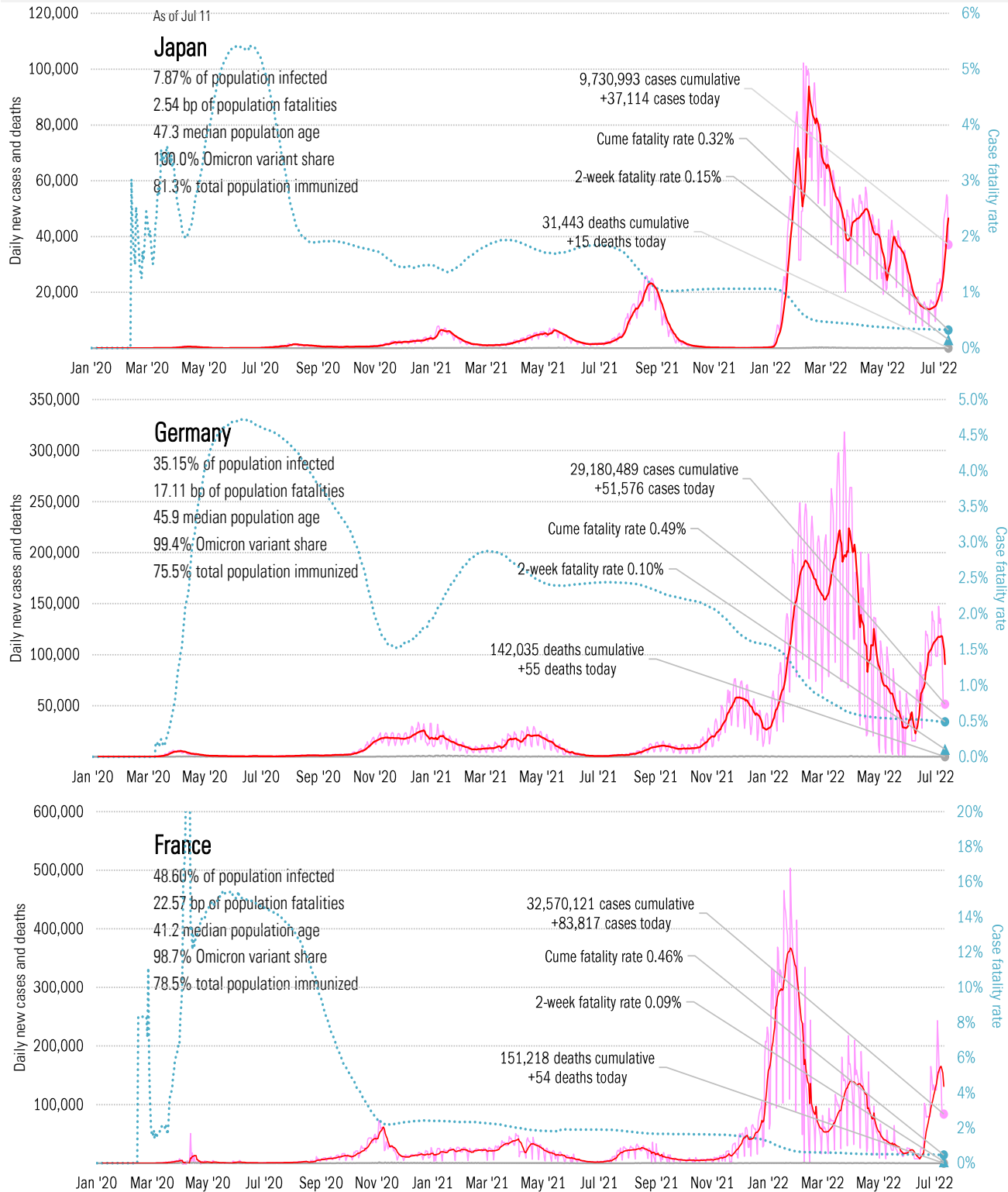
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

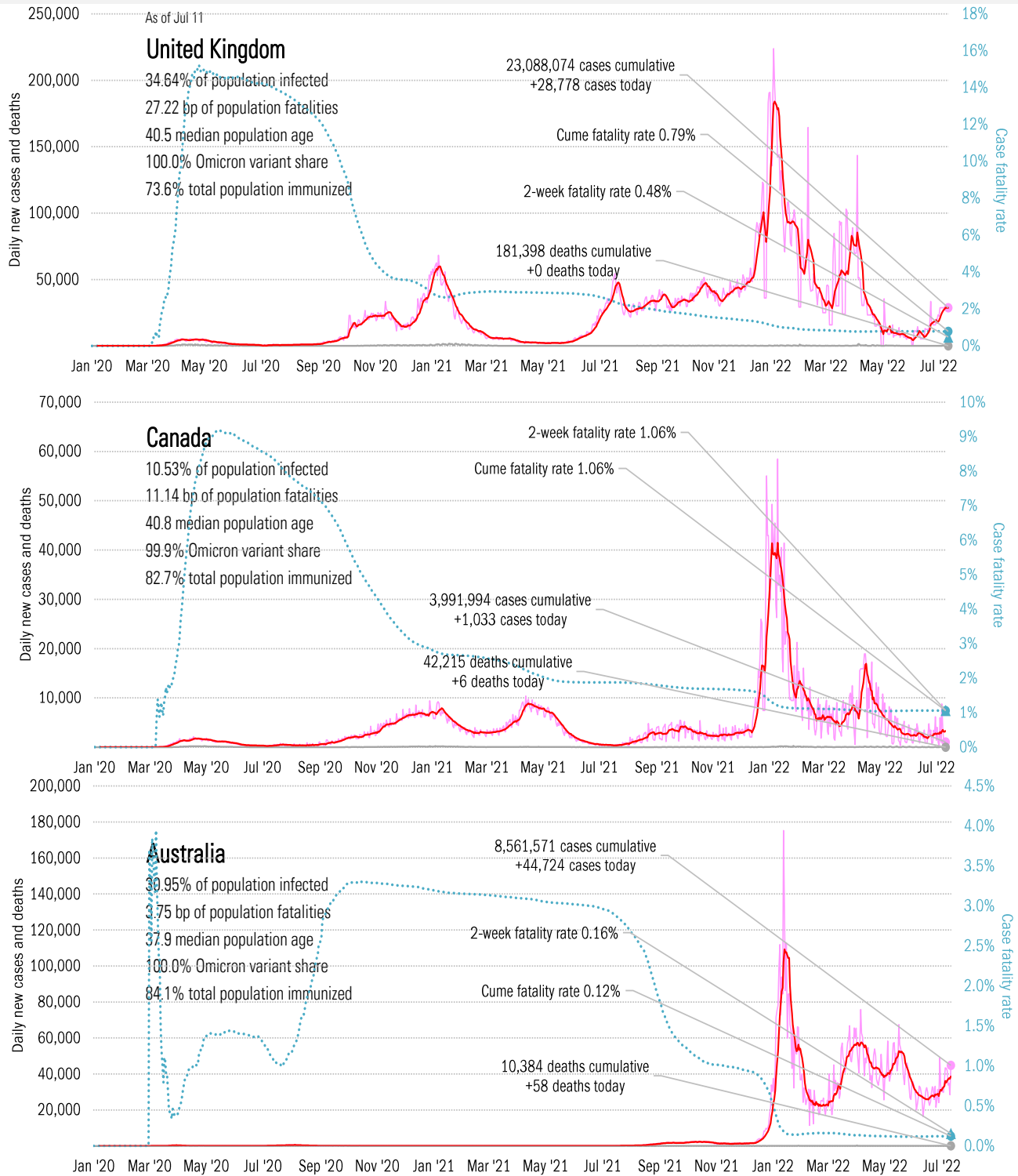
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

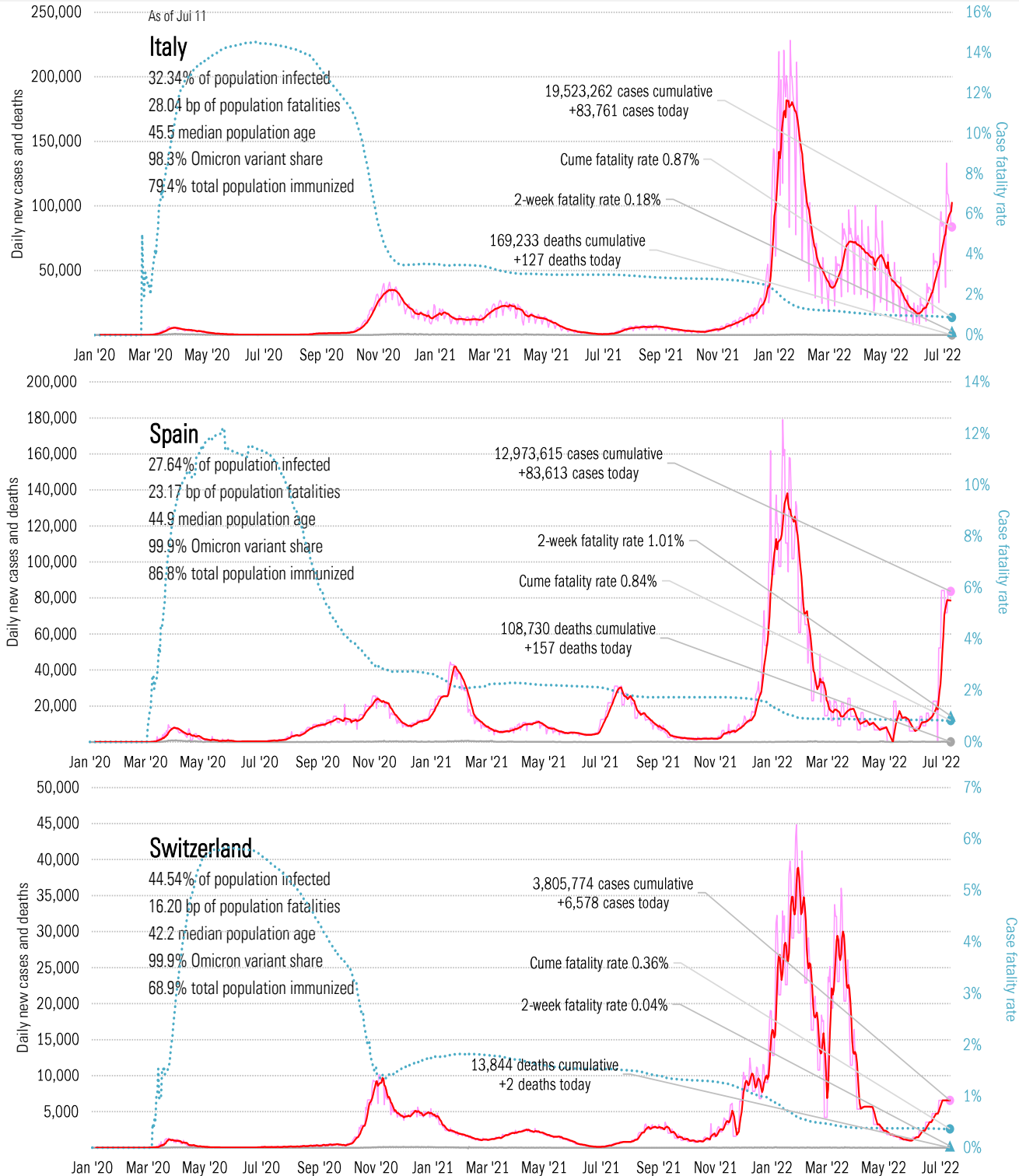
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

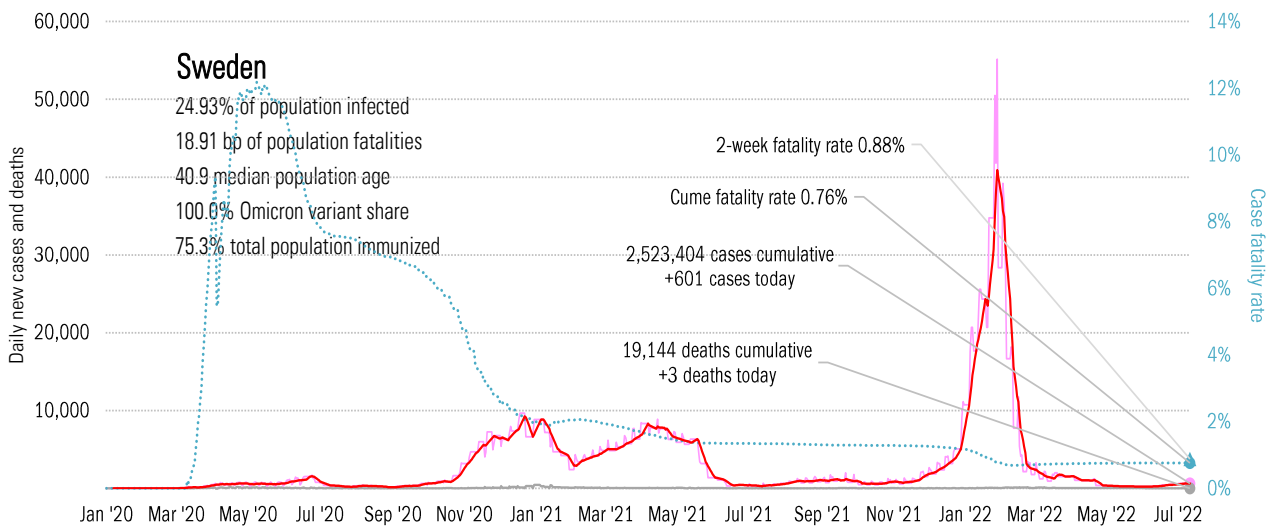
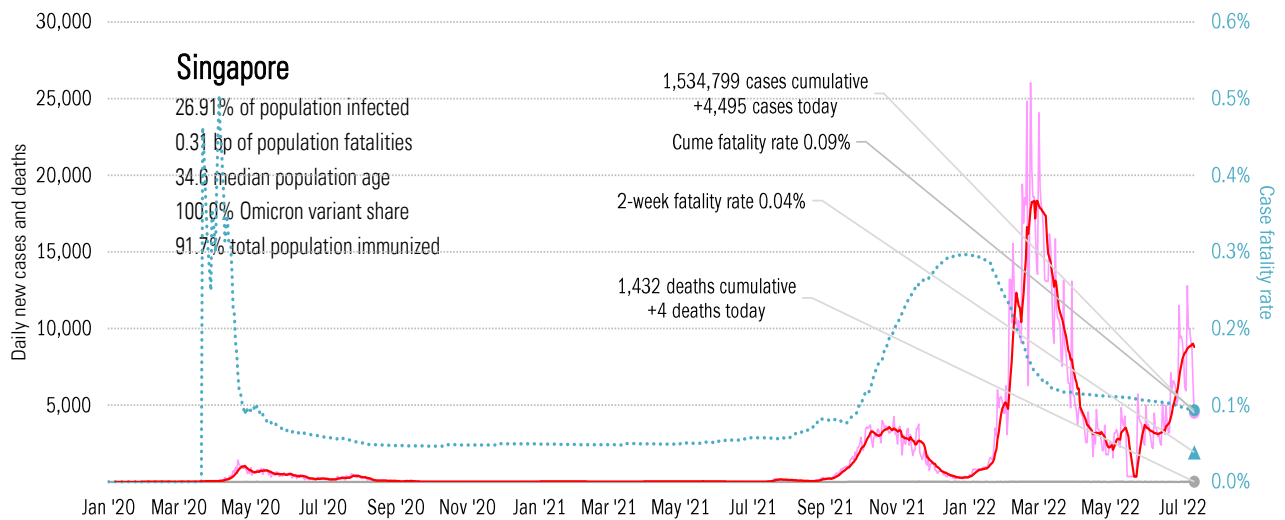
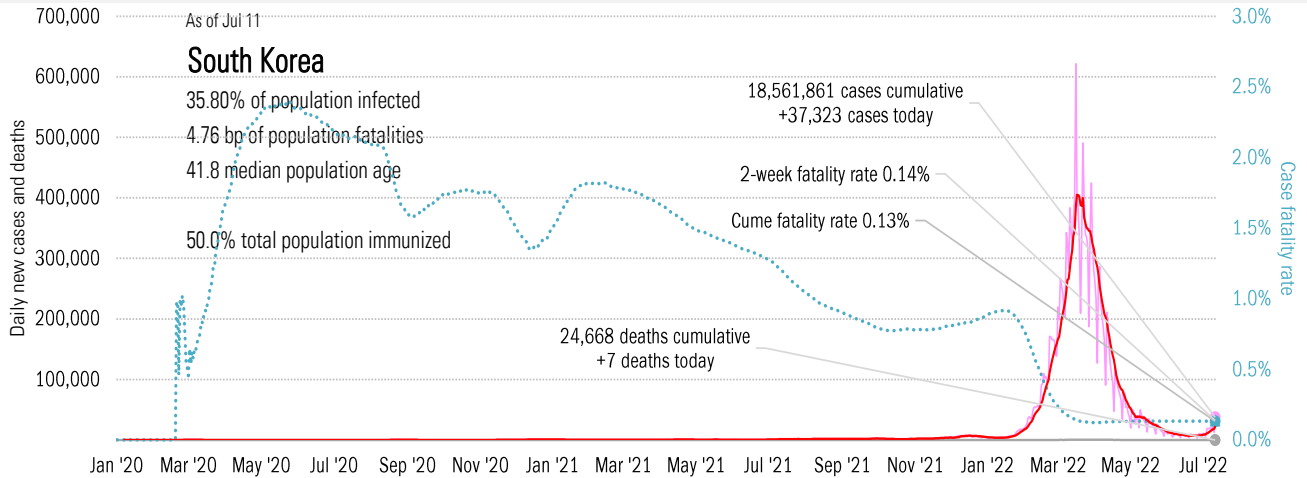
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

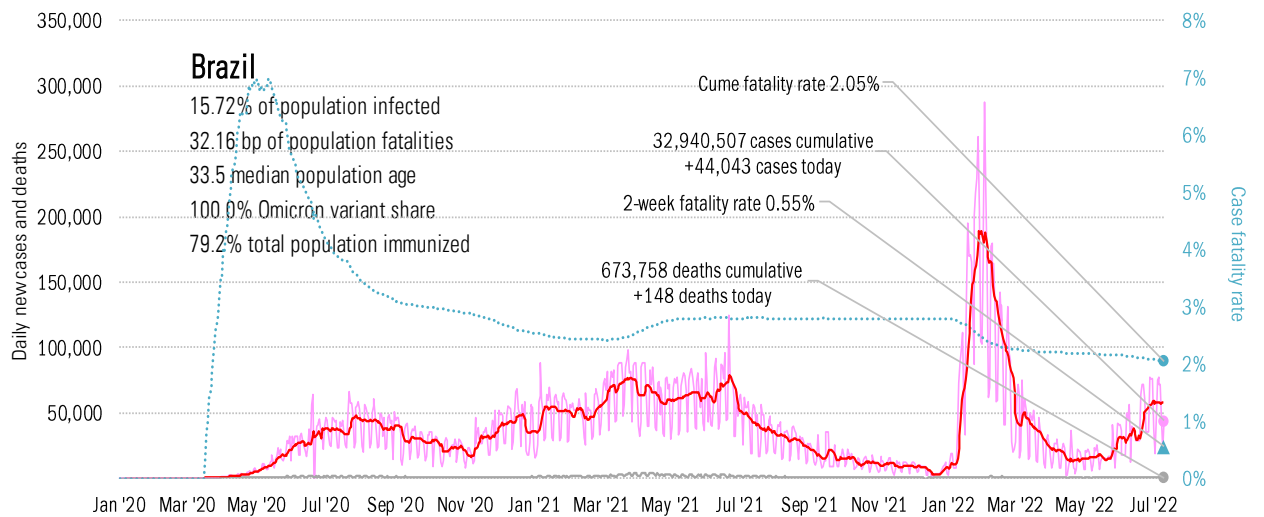
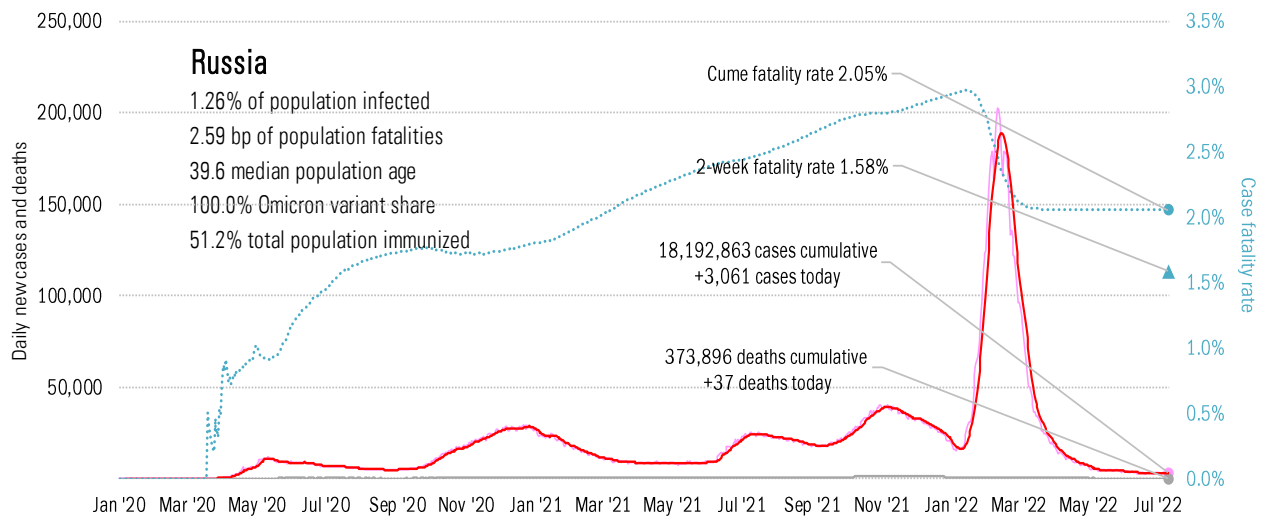
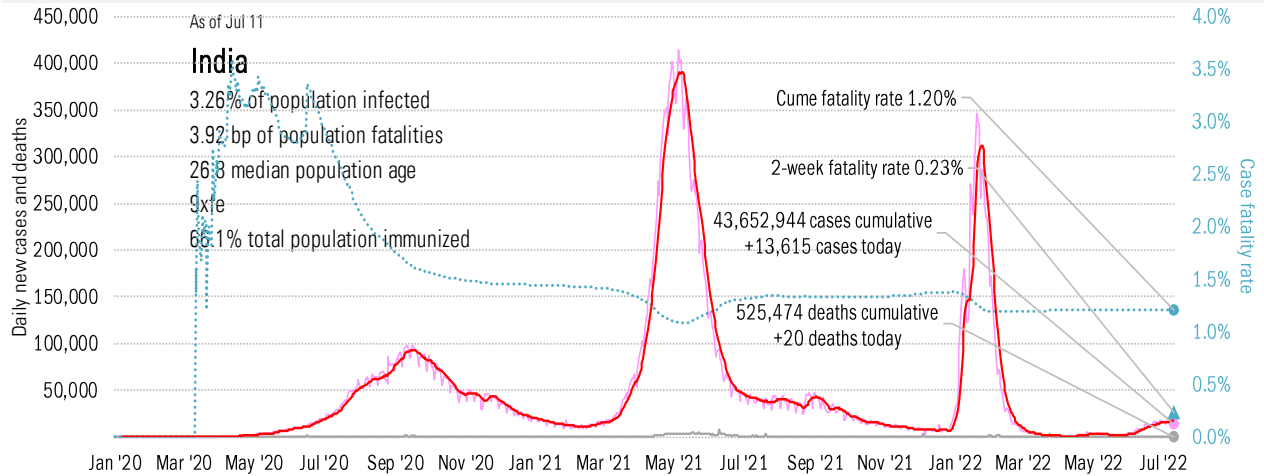
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

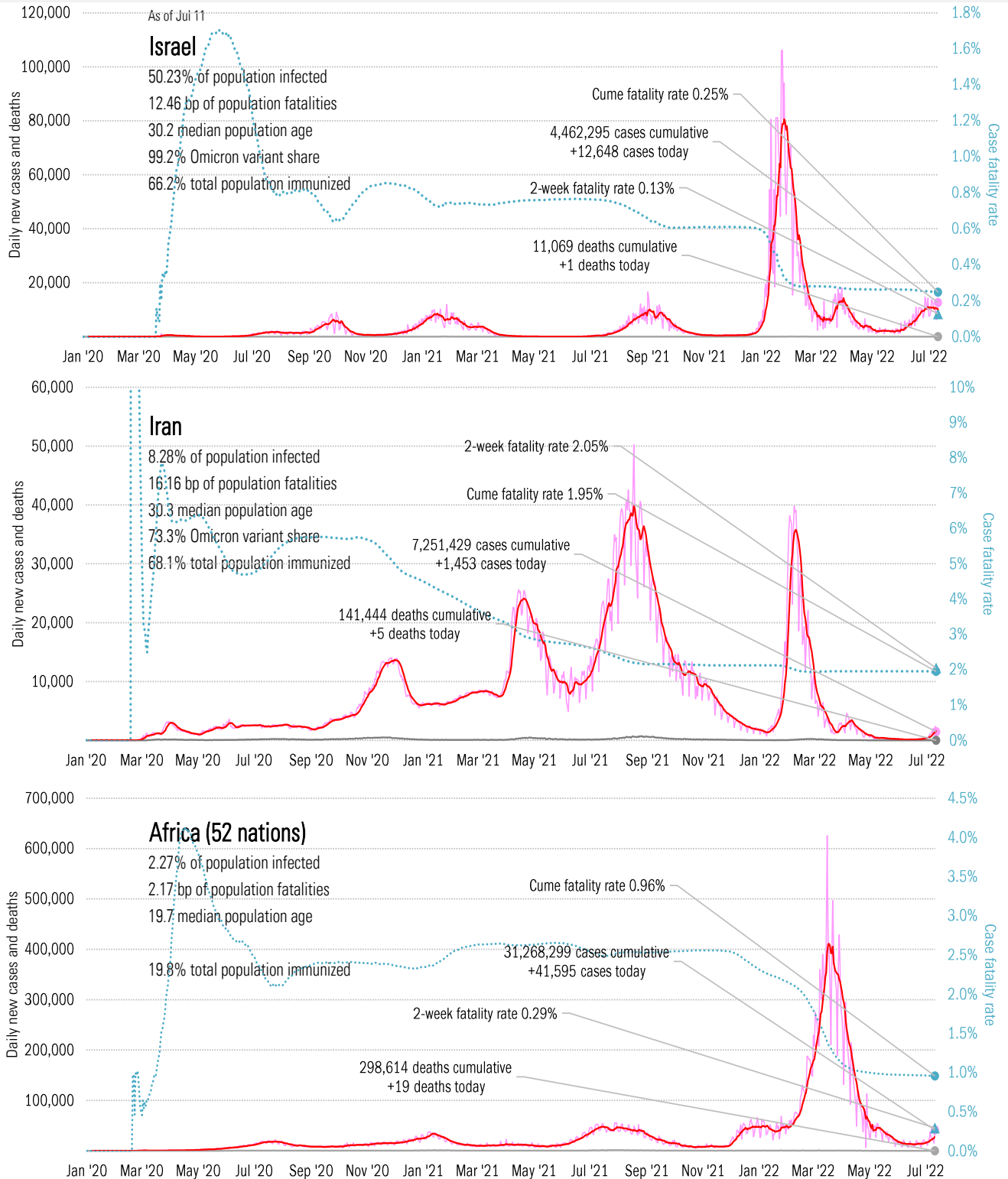
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

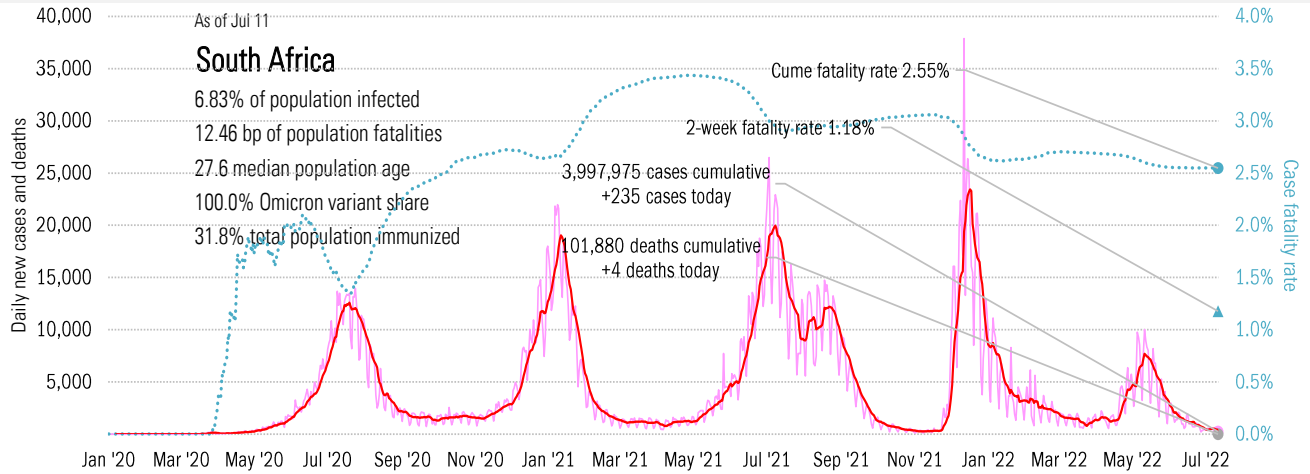
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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