

Data Insights: Covid-2019 Monitor

Sunday, August 14, 2022

The global scorecard

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

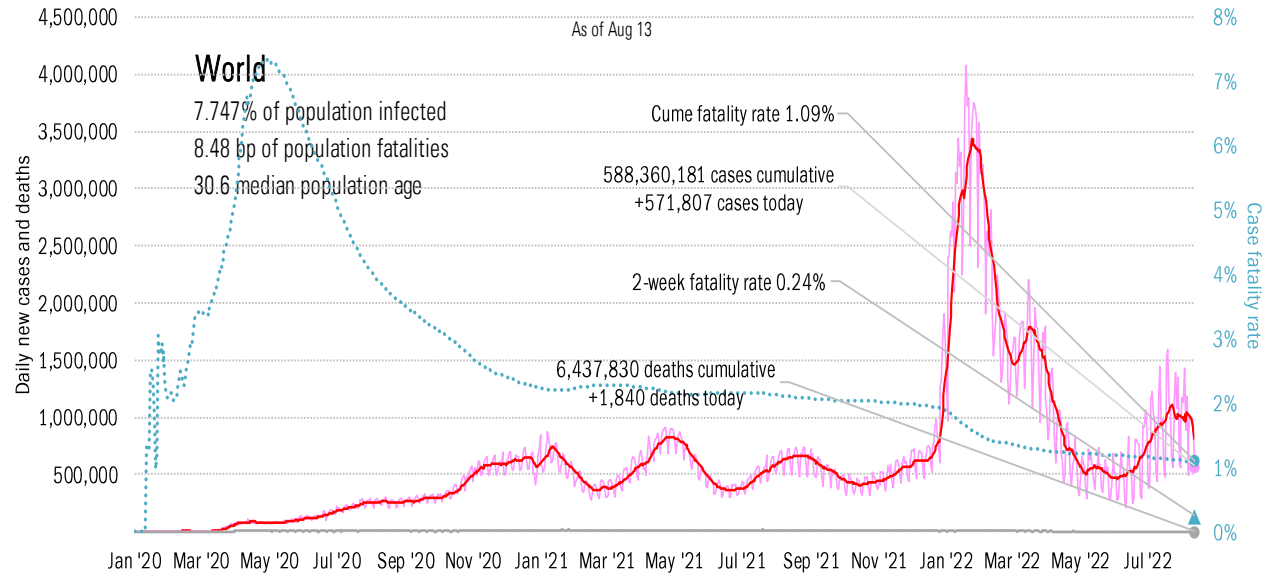
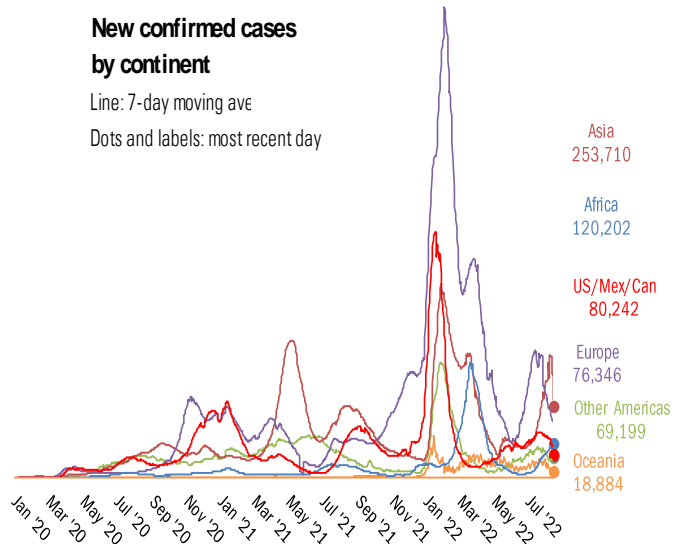
The worst ten countries

New cases		New Deaths	
Japan	183,526	United States	635
United States	178,206	Mexico	287
Korea, South	119,603	Japan	256
Mexico	49,960	Italy	129
Russia	28,209	Russia	58
Italy	24,785	Korea, South	57
Taiwan*	21,265	Iran	55
Australia	16,113	Philippines	48
India	14,092	Australia	42
Chile	11,888	India	41
647,647		1,608	
World	571,807	World	1,840
Top ten	113%	Top ten	87%

New confirmed cases by continent

Line: 7-day moving ave

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

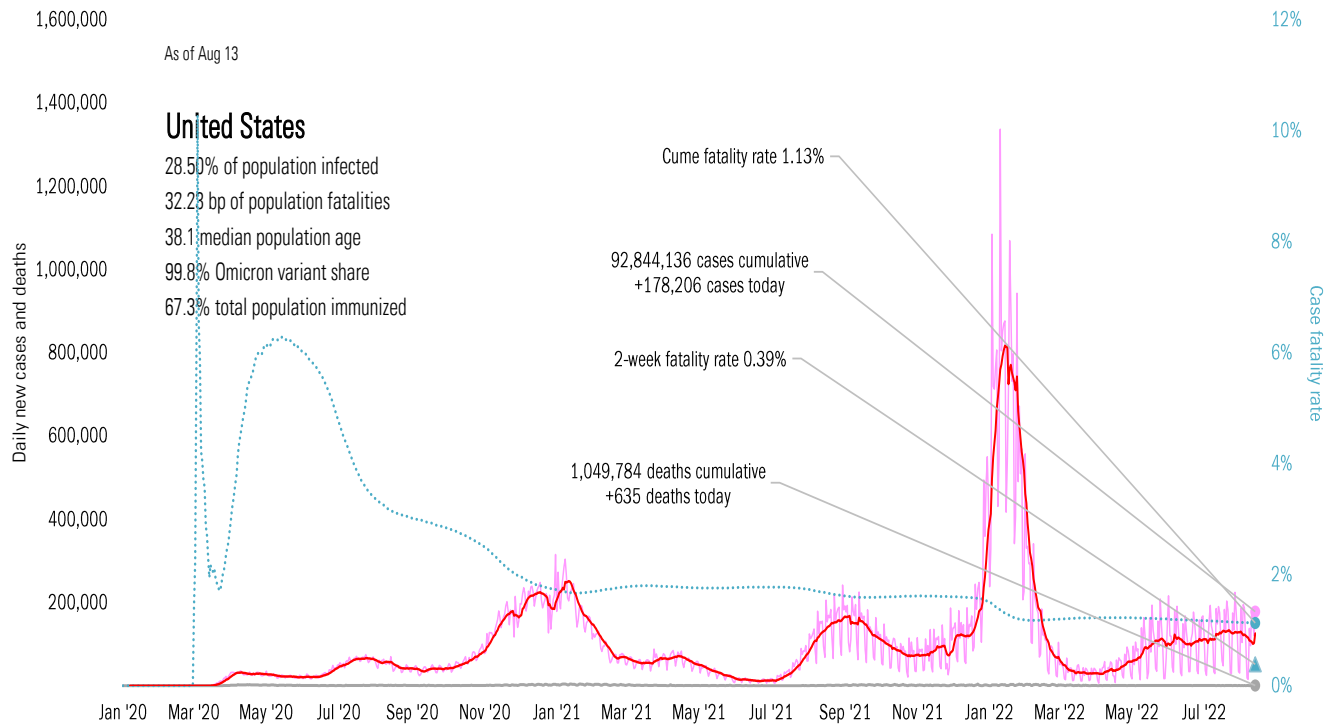
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	35,683		FL	73		GA	267		CA	10,901,301		CA	94,119		TX	529,021		RI	90%	WA	84%
PA	19,078		CA	69		PA	234		TX	7,699,288		TX	89,767		CA	479,099		MA	87%	TX	84%
FL	17,817		AL	52		IN	149		FL	6,906,424		FL	78,527		FL	473,943		WA	86%	AL	83%
TX	14,313		WA	49		MI	171		NY	5,904,468		NY	70,693		NY	285,630		GA	85%	AK	83%
MO	8,602		IN	40		VA	139		IL	3,620,877		PA	46,374		GA	218,796		MO	84%	MA	82%
KS	6,340		TX	40		CR	57		PA	3,125,967		GA	39,319		CH	208,833		DE	84%	NC	82%
IN	5,165		NY	35		LA	139		NC	3,047,625		CH	39,220		PA	195,003		MN	83%	GA	81%
NC	4,461		IL	29		MN	88		CH	3,002,043		IL	39,108		IL	178,149		MD	83%	DC	80%
WA	3,776		GA	21		CH	237		GA	2,803,517		MI	37,671		MI	155,581		DC	82%	DE	80%
CK	3,739		NE	20		IA	69		MI	2,708,622		NJ	34,402		KY	140,444		WV	82%	CR	79%
118,974			428			1,550			49,720,132			569,200			2,864,499						
All states	178,206		635			6,051			All states	92,844,136		1,049,784			5,197,687			All states	70%	67%	
Top ten	67%		67%			26%			Top ten	54%		55%			55%			Median	76%	73%	

Some states not reporting

Five most improved US states

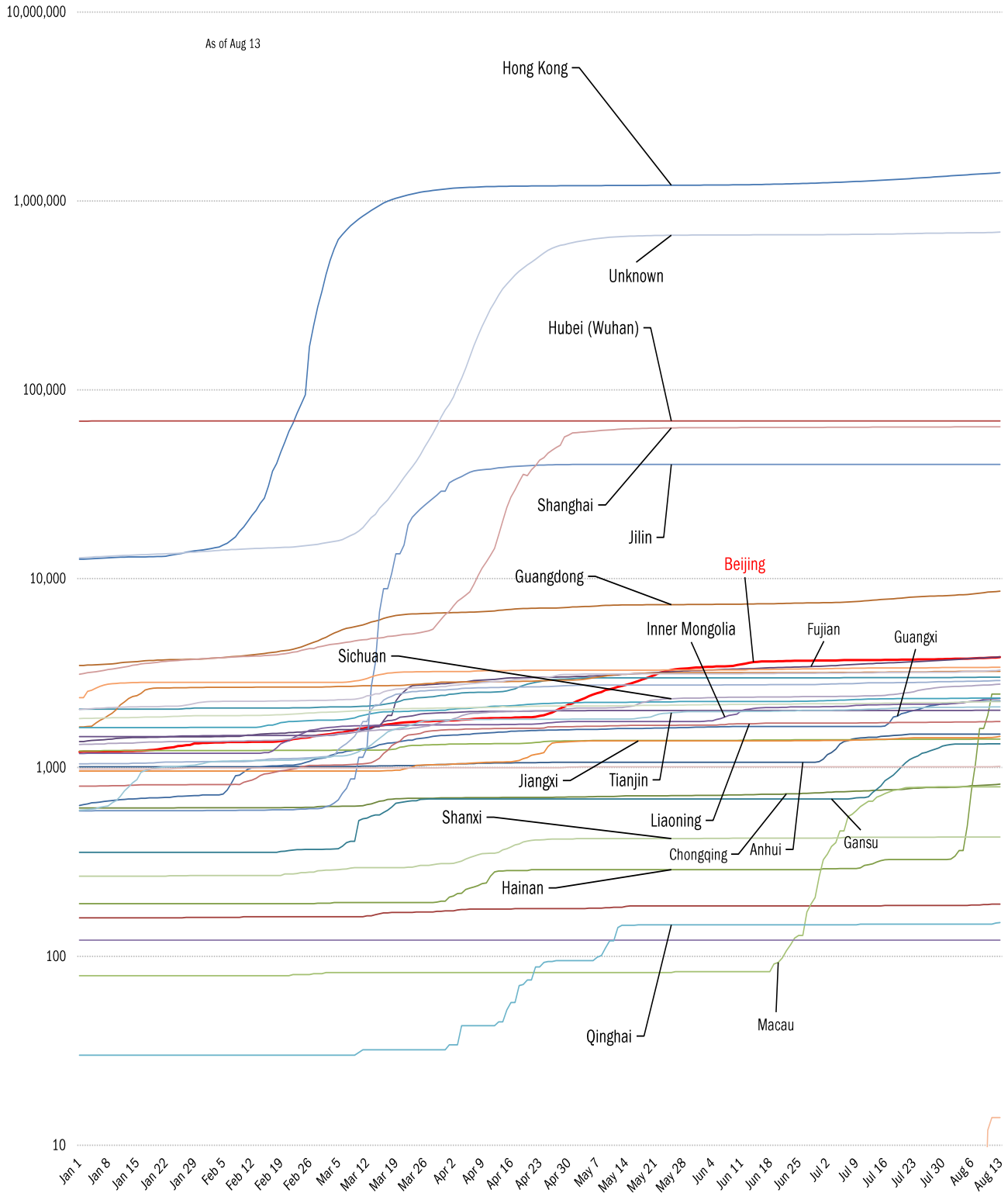
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-3,373	NJ	-5	FL	-122
AR	-223	AK	0	NY	-88
CT	-169	AL	0	CA	-63
ME	-87	AZ	0	CO	-55
AK	0	CA	0	WI	-46



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

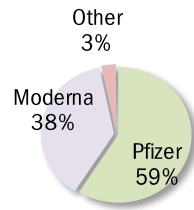
Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	621,444,280	+0.283 million	US	67.3%	78.9%
of which boosters	109,972,682	+0.058 million	UK	75.1%	79.9%
	One dose	% Pop	Immune	% pop	New immune today
Total population	270,117,600	81%	229,954,609	69%	+0.075 million
Age 12 to 17	18,064,522	71%	15,437,321	61%	+0.004 million
Age 18 to 64	180,518,346	89%	153,379,710	75%	+0.053 million
Age 65 and over	59,627,302	100%	52,161,862	95%	+0.006 million

France	78.6%	80.9%
Spain	85.5%	86.9%
Germany	76.0%	77.6%
Italy	81.0%	85.8%
Australia	83.9%	86.5%
Israel	66.2%	72.3%
Canada	82.6%	86.0%
Japan	82.3%	83.5%
Africa	21.4%	27.5%
India	66.6%	72.7%
Brazil	79.8%	86.8%
China	89.0%	91.3%

Global data differs due to sources, timing



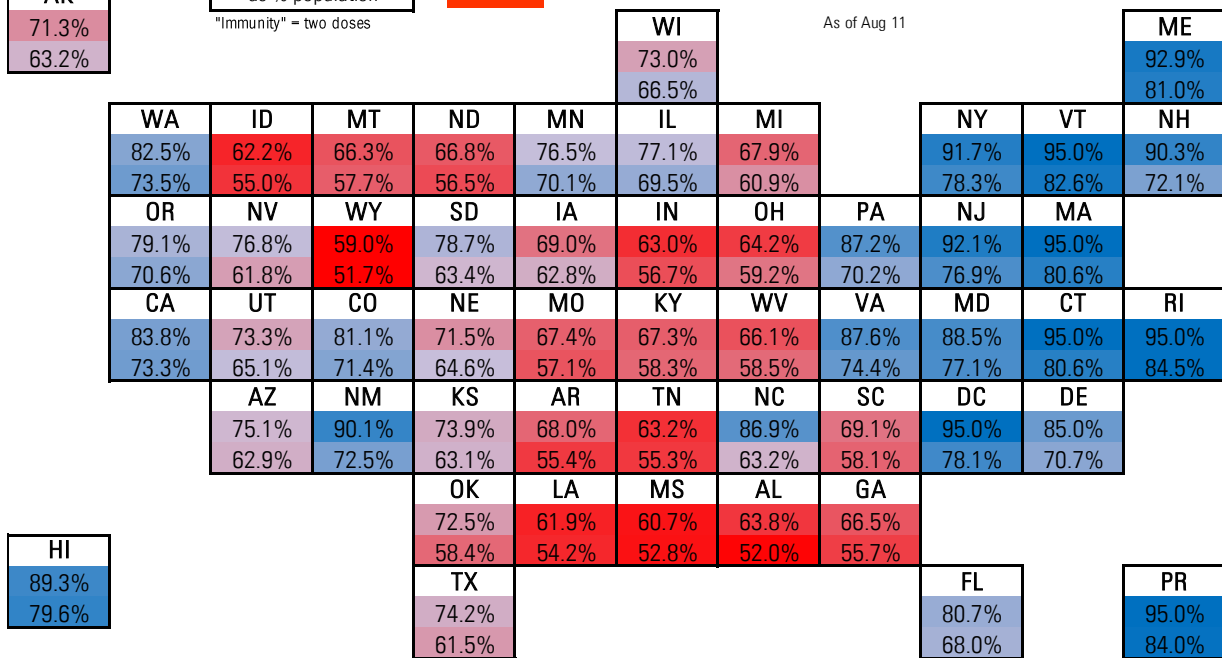
State
AK
71.3%
63.2%

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

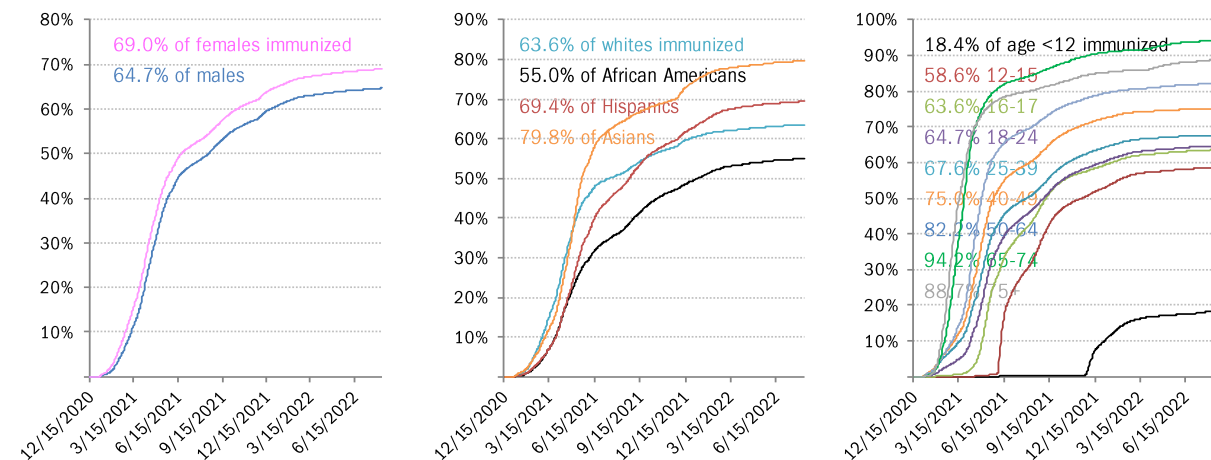
"Immunity" = two doses

Best
Middle
Worst

As of Aug 11



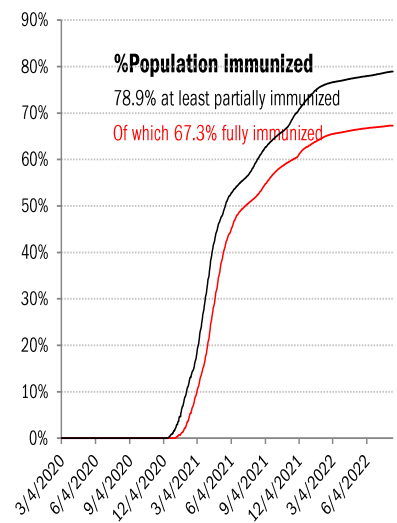
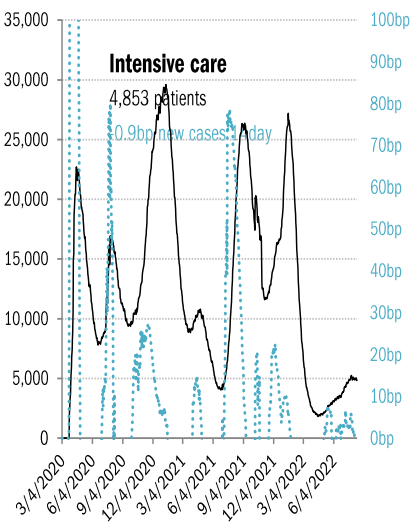
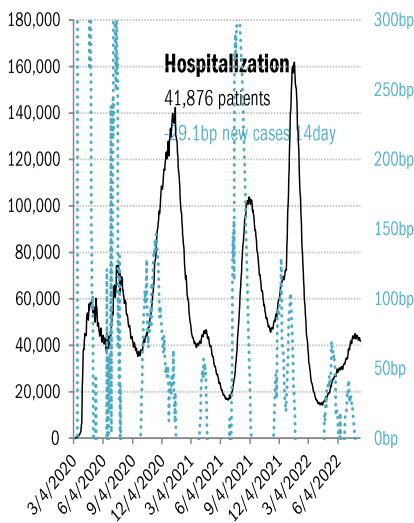
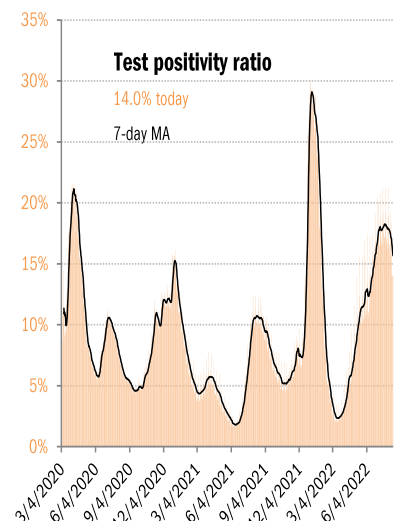
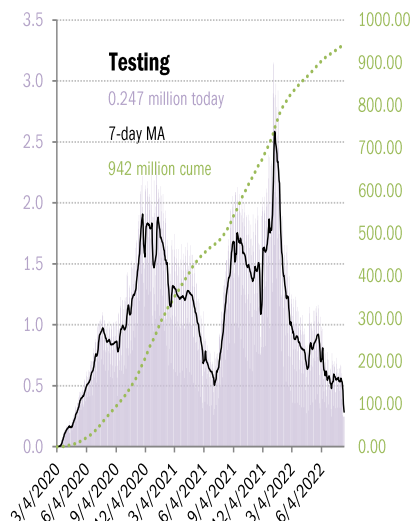
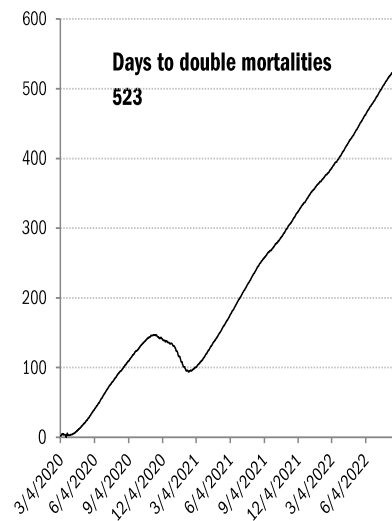
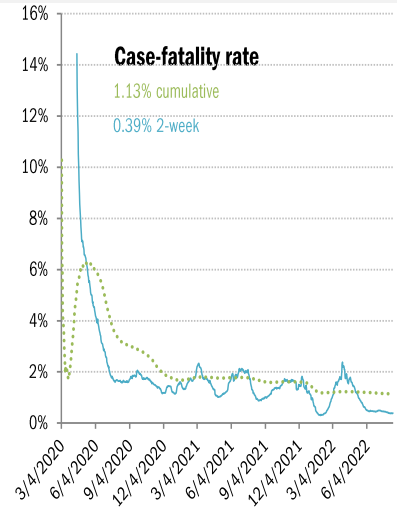
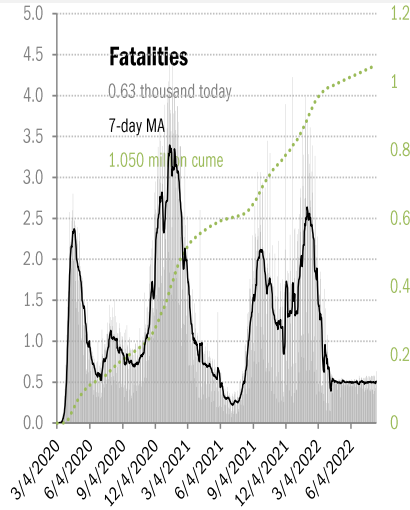
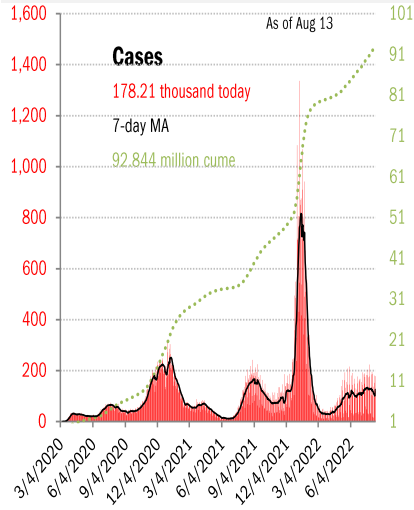
The demographics of US vaccination



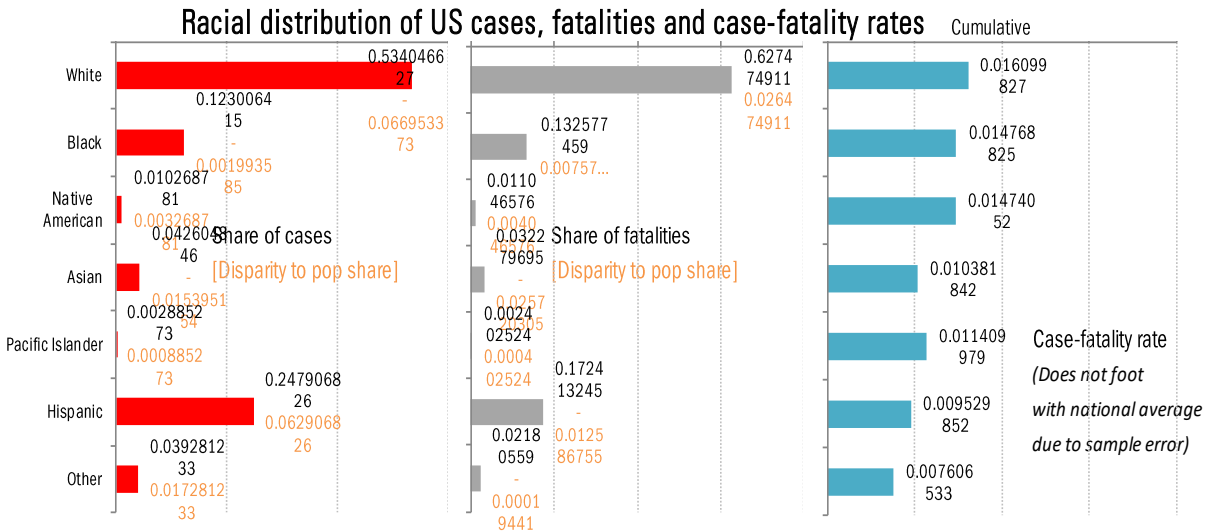
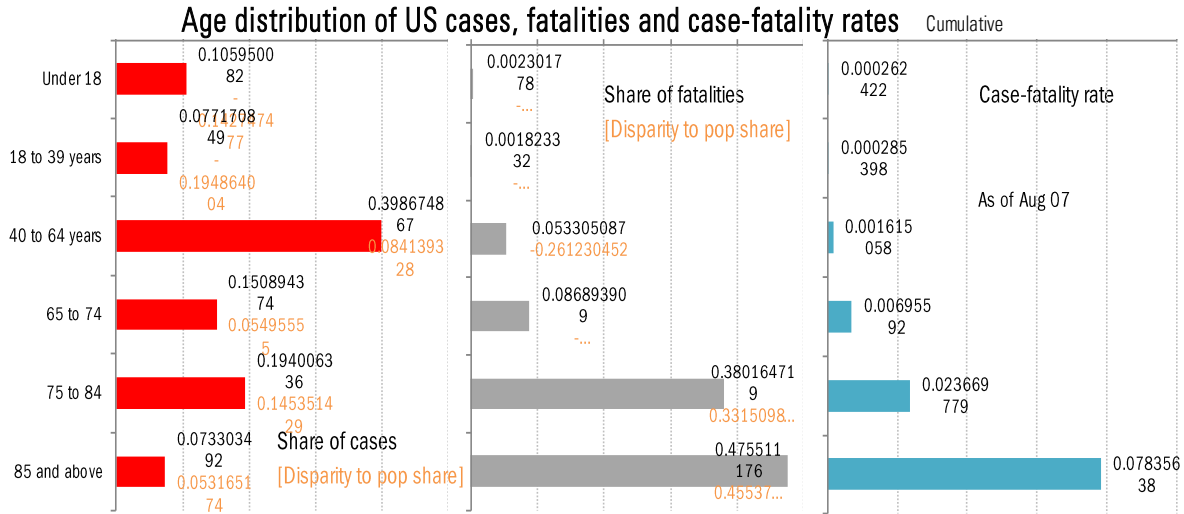
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

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

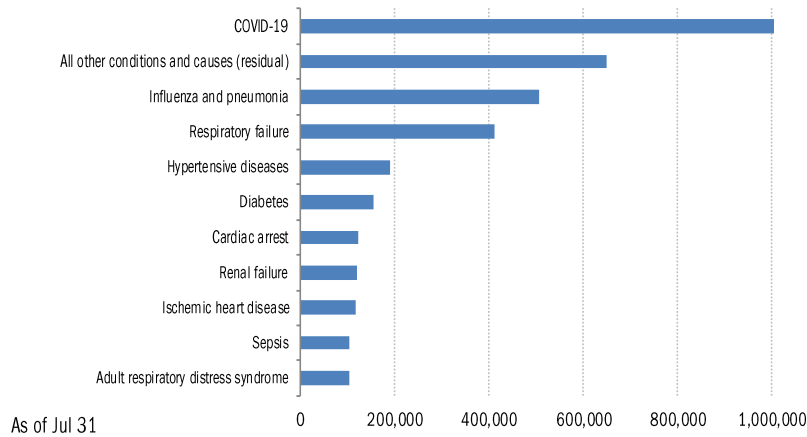


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

[Hope sparks for Japan fireworks industry as home product demand rises](#)

Kyodo News

August 13, 2022

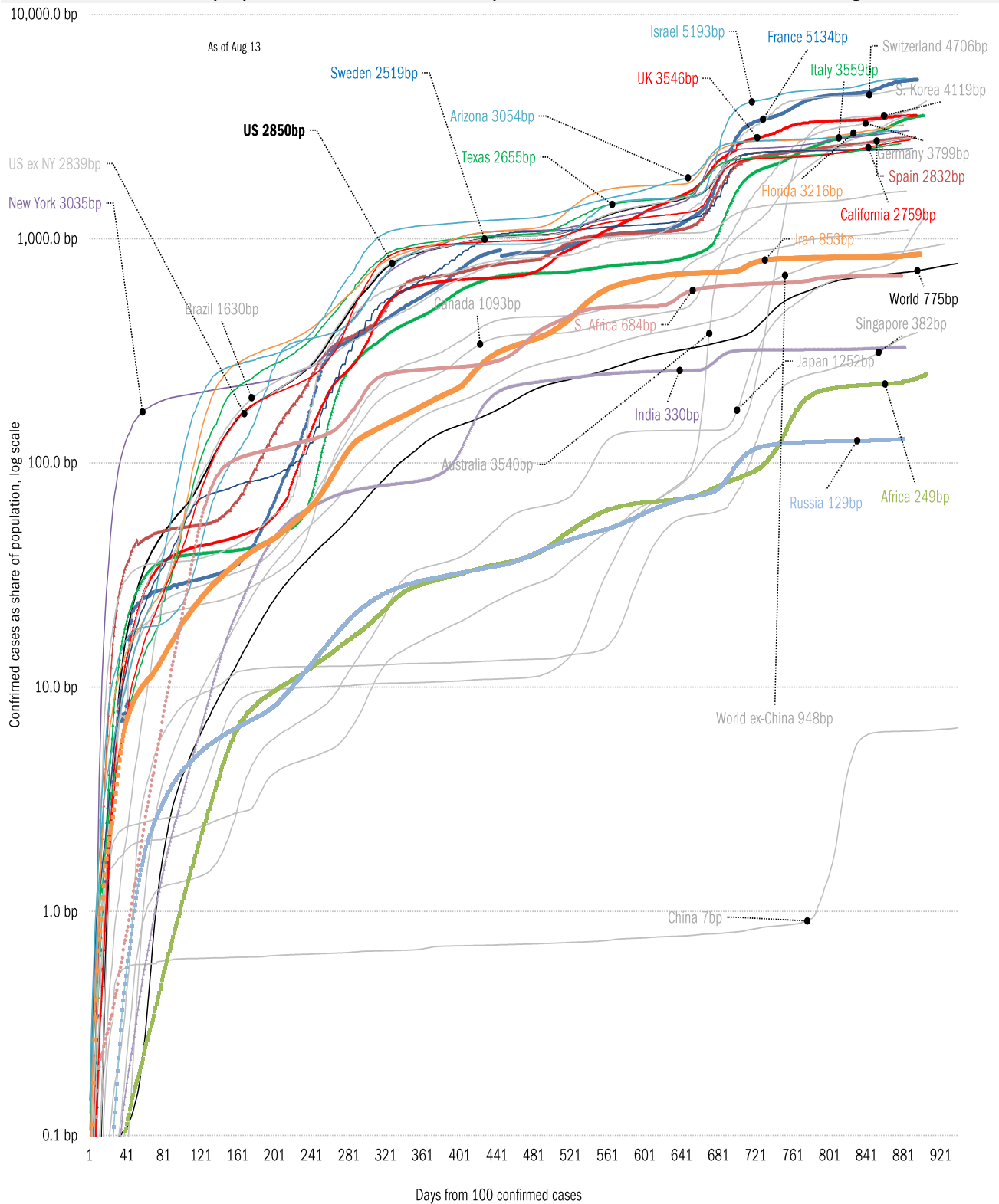
Meme of the day



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

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

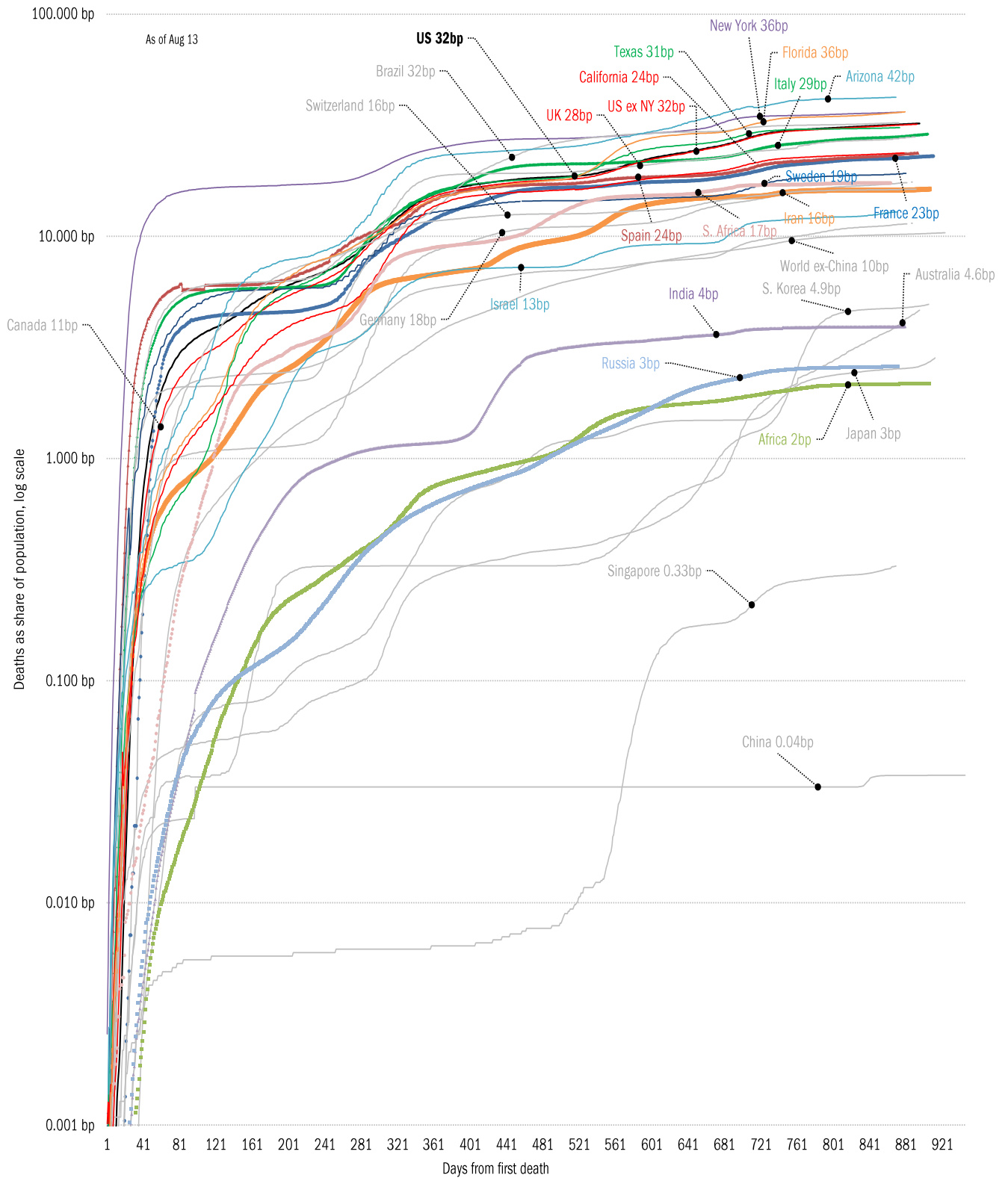
Share of infected population from first day with 100 confirmed cases, log scale



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

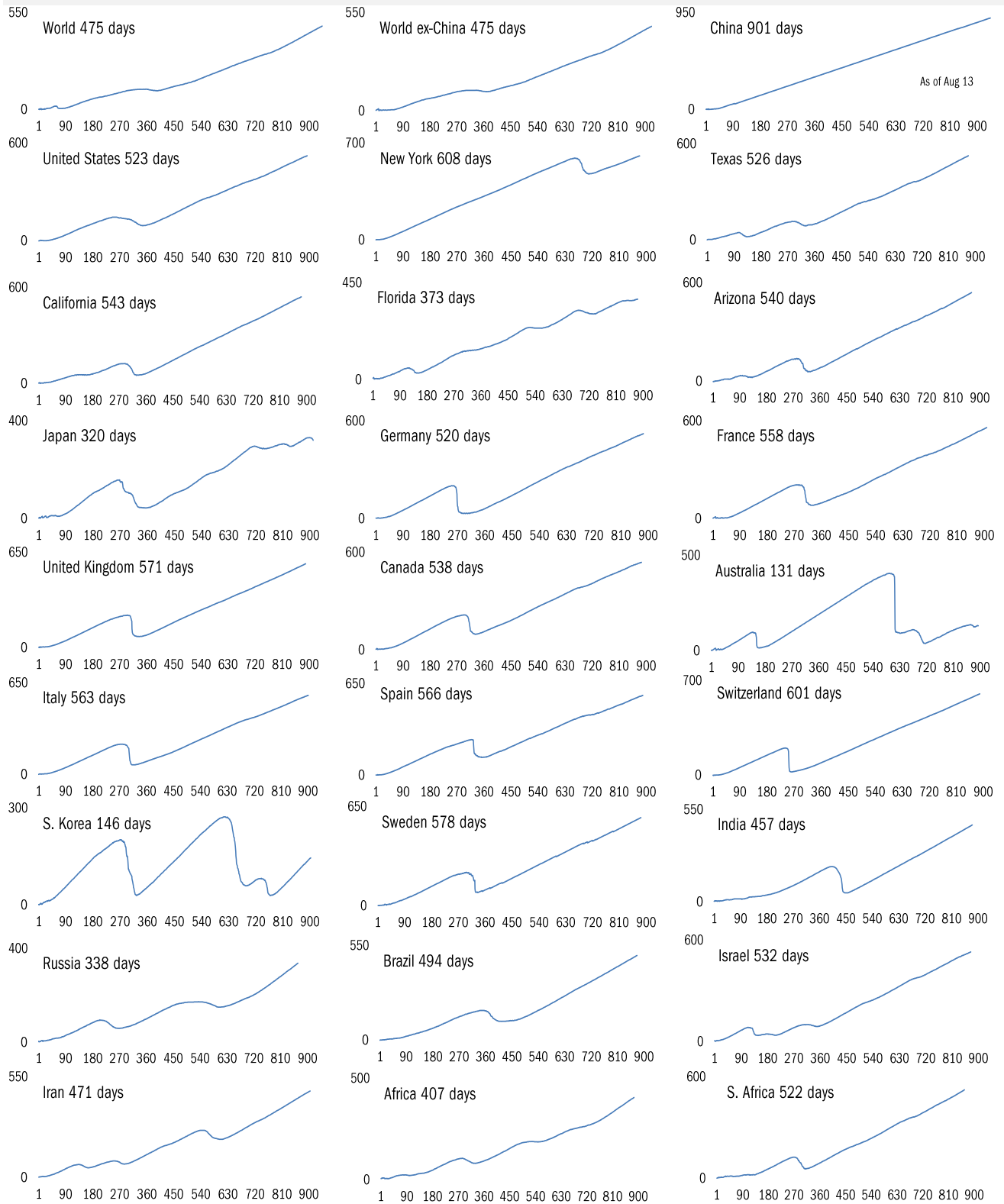


Source: [Johns Hopkins](#), TrendMacro calculations

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

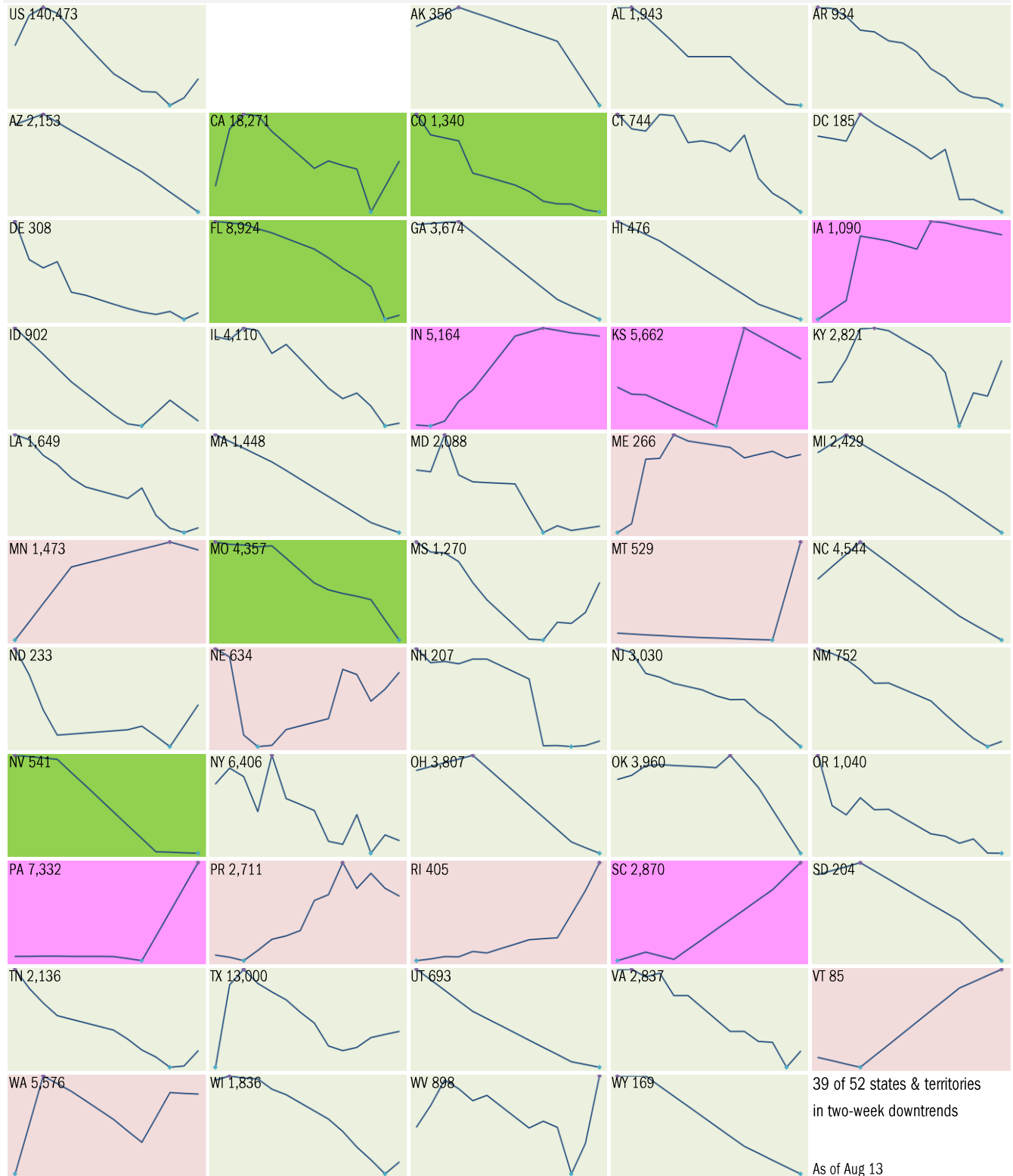


Source: [Johns Hopkins](#), TrendMacro calculations

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

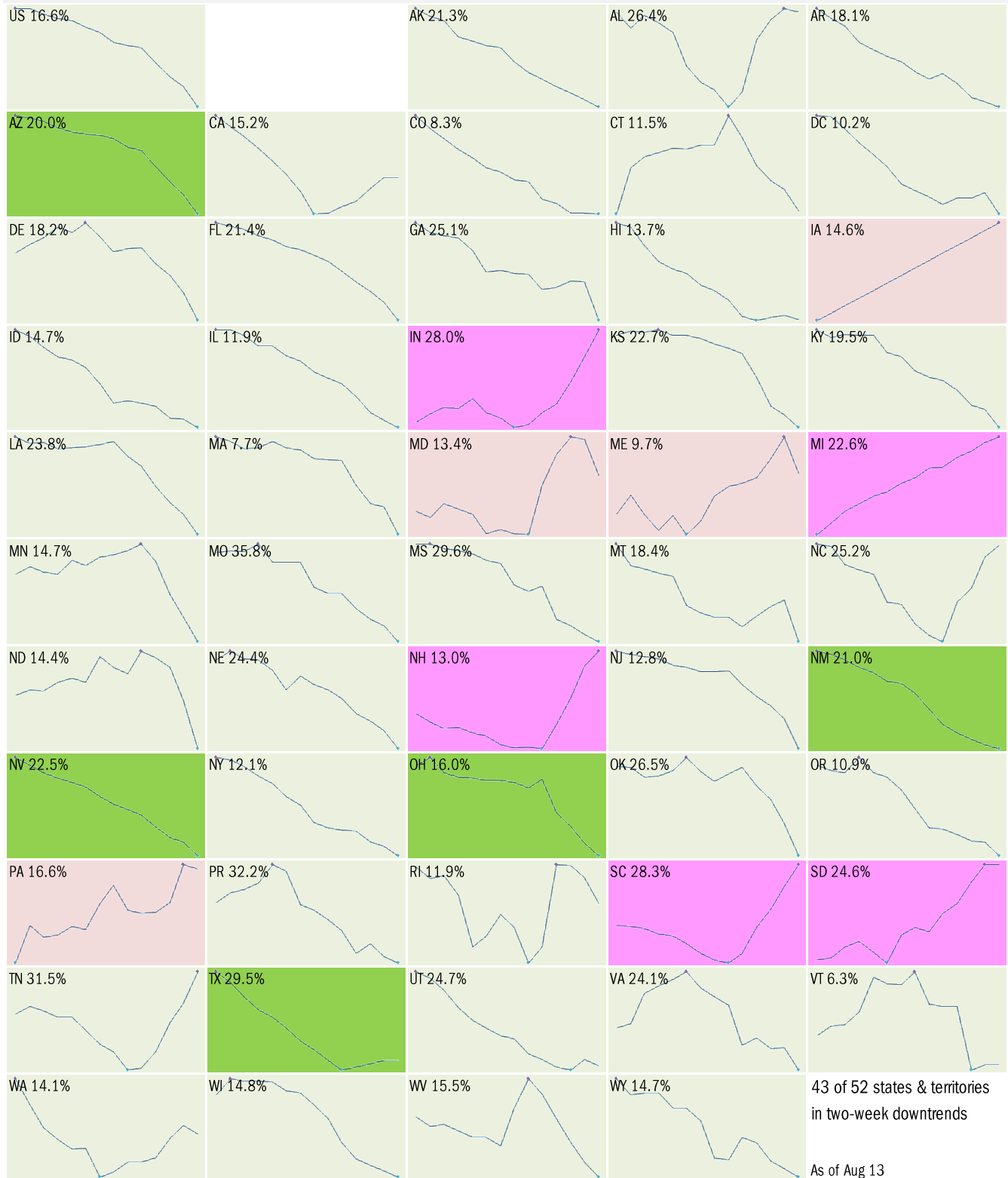


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

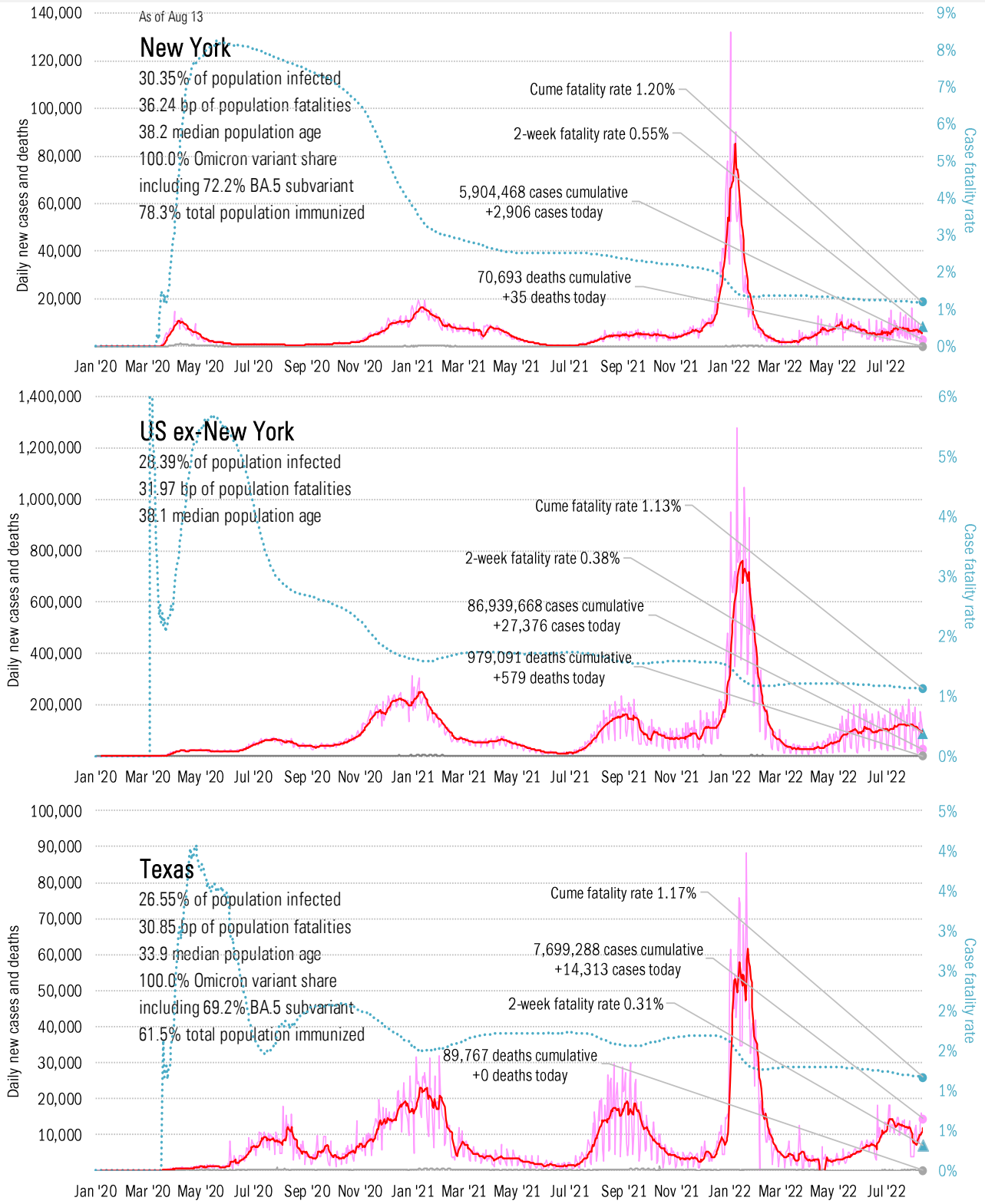
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

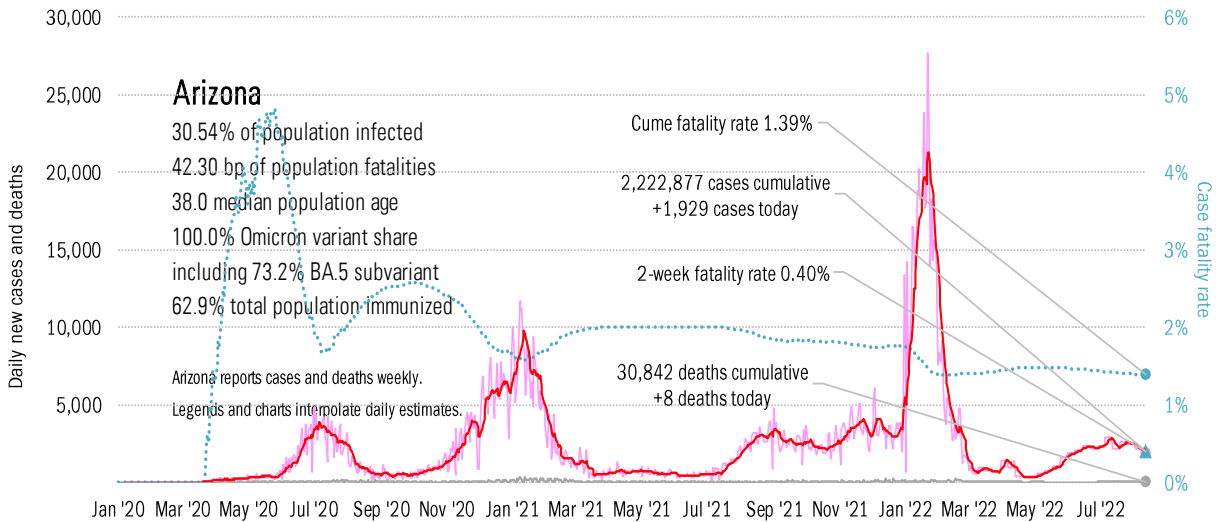
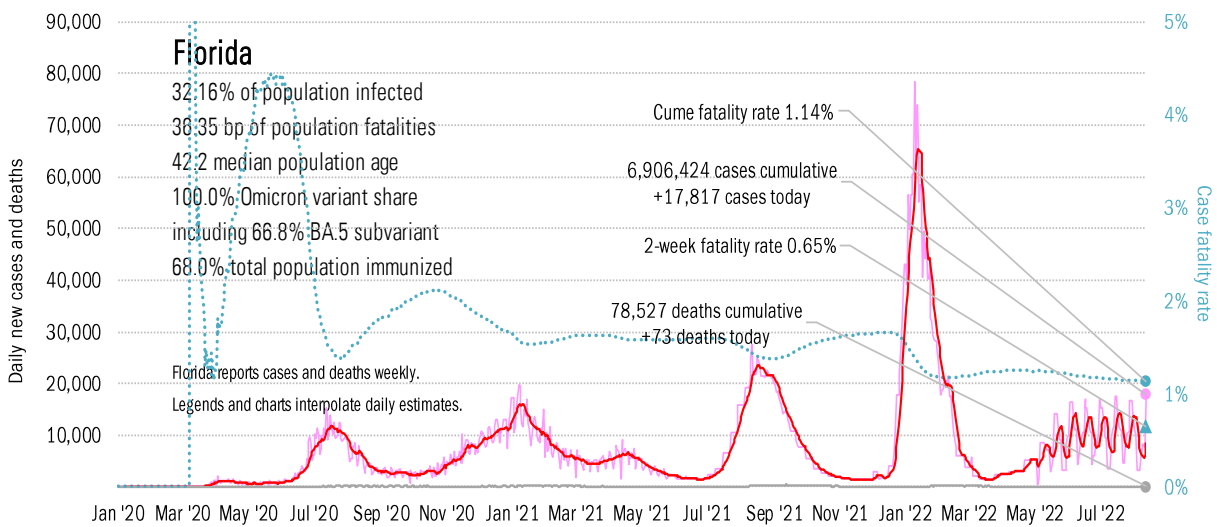
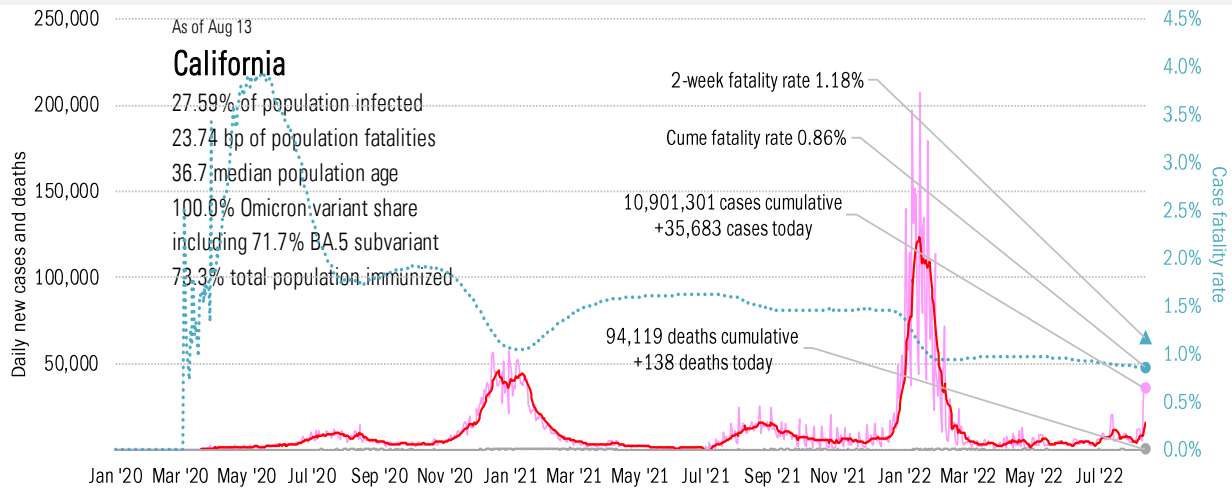
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

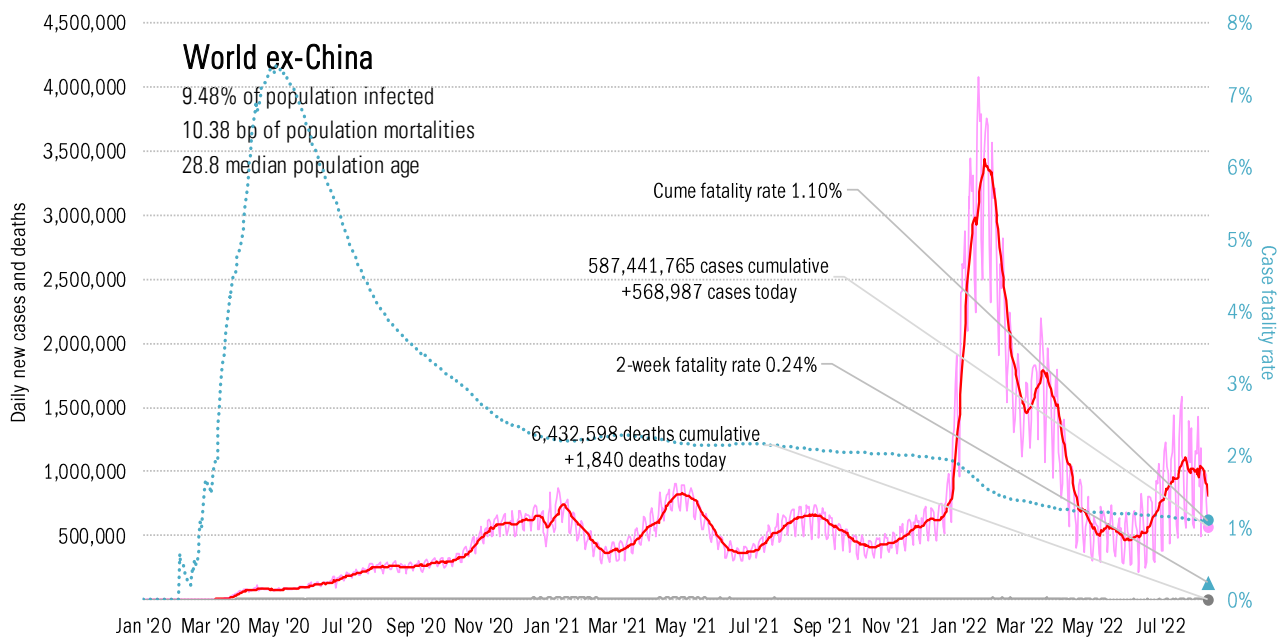
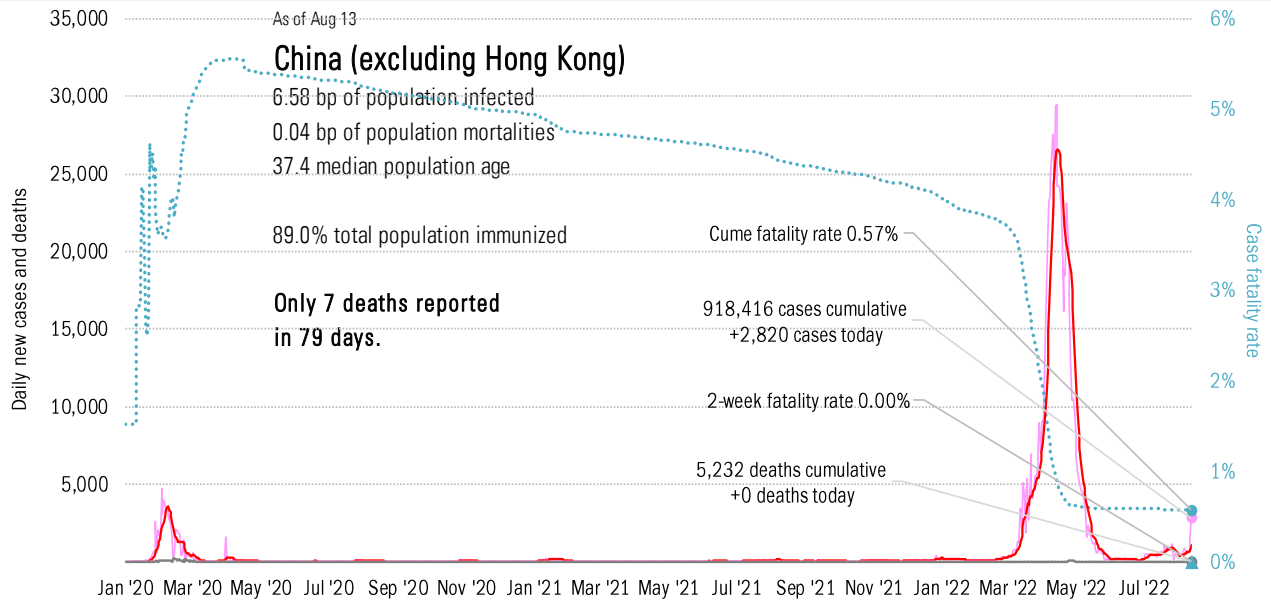
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

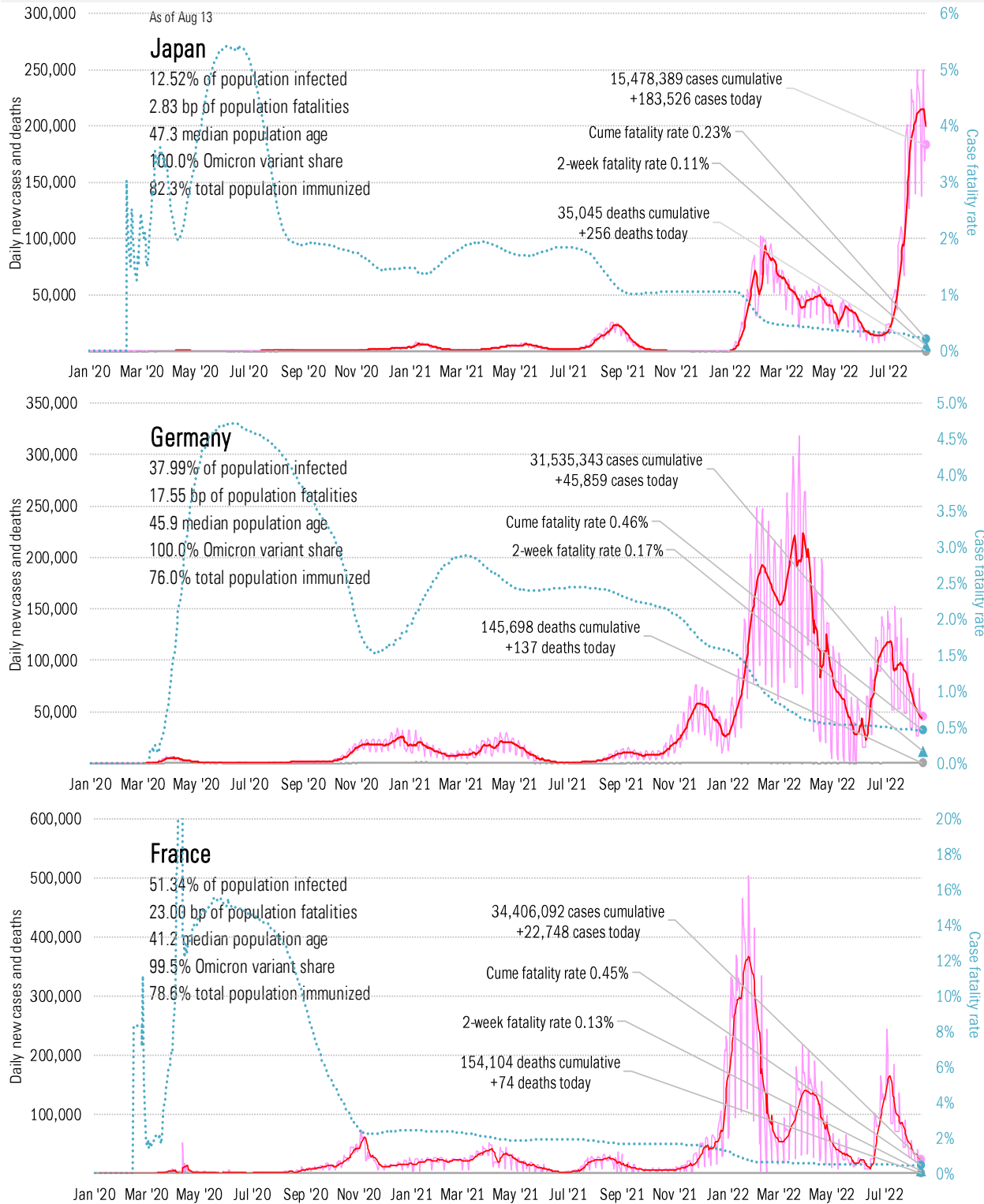
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

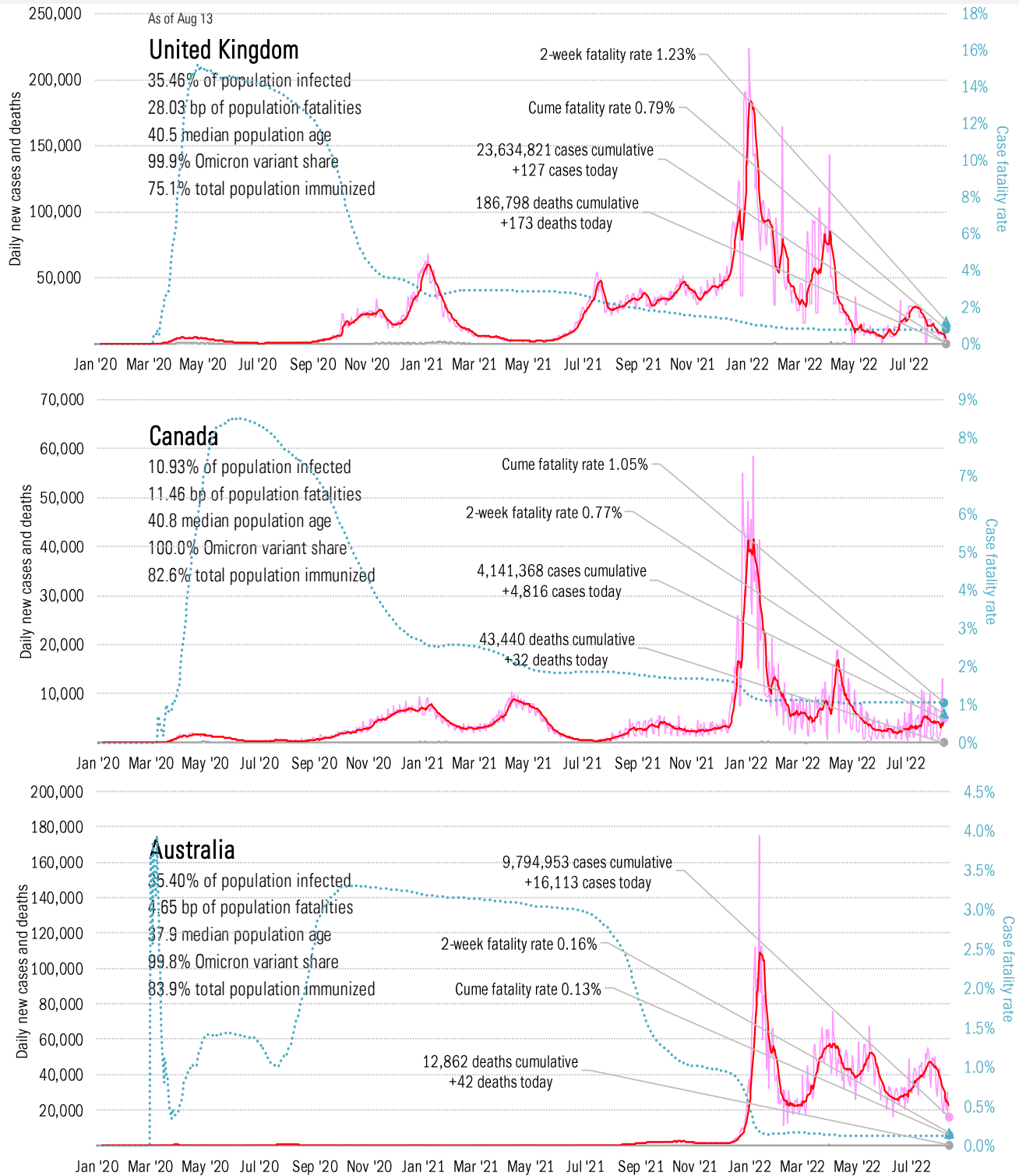
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

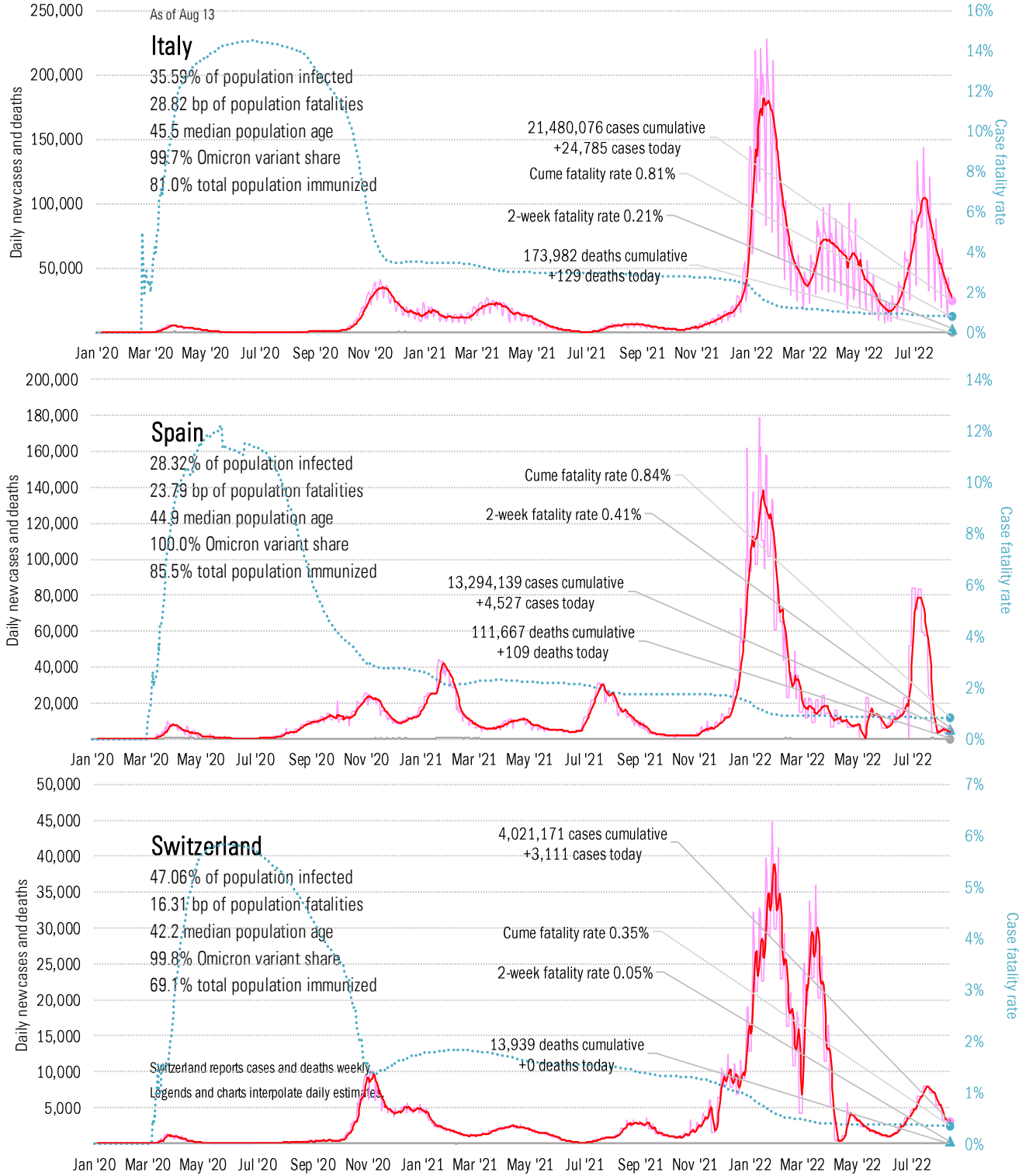
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

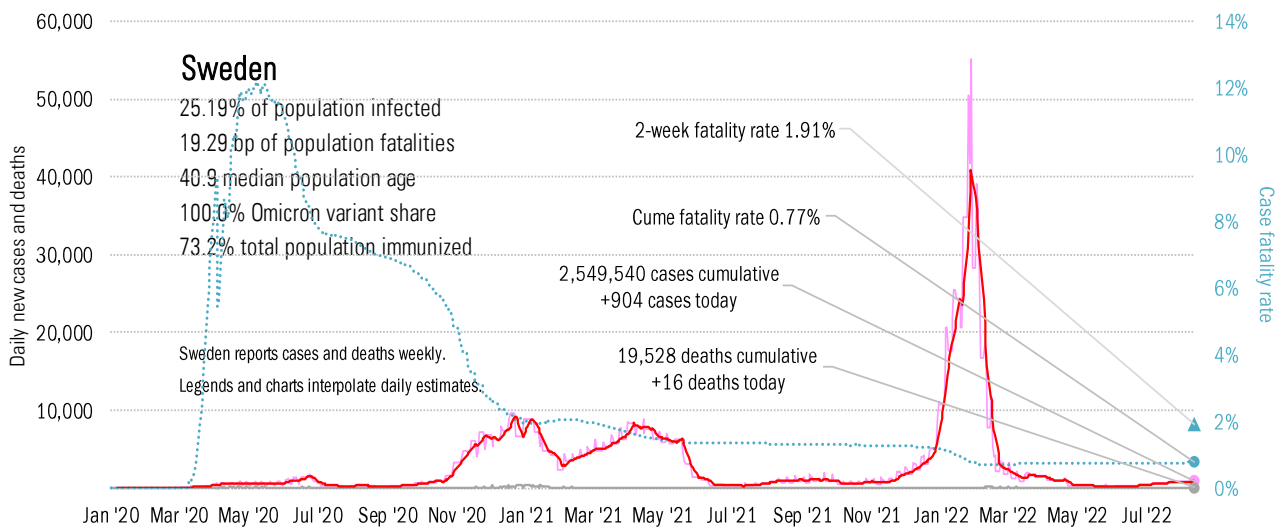
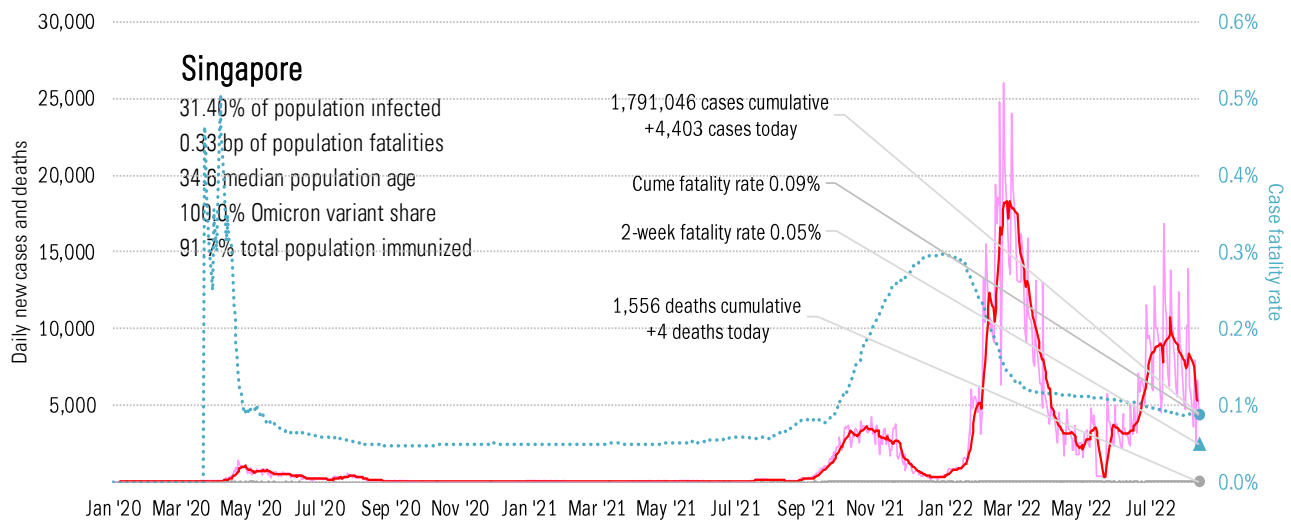
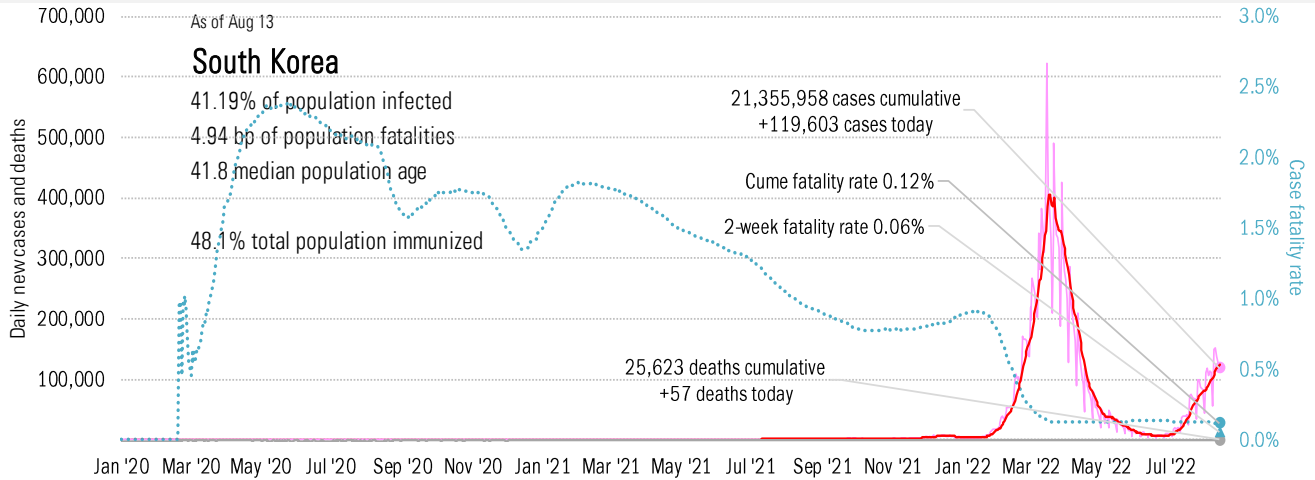
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

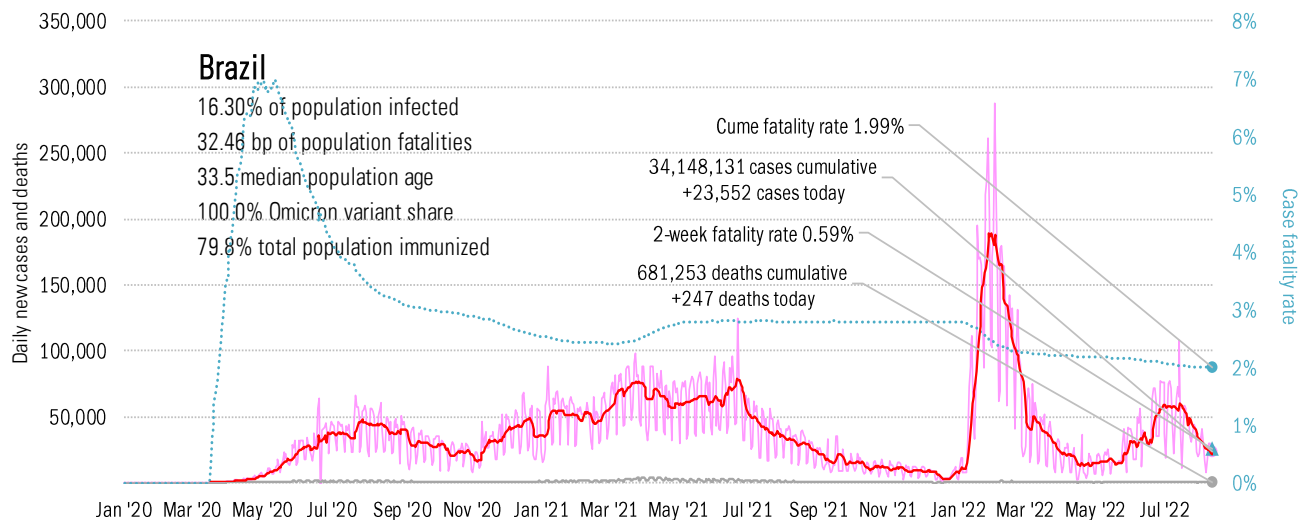
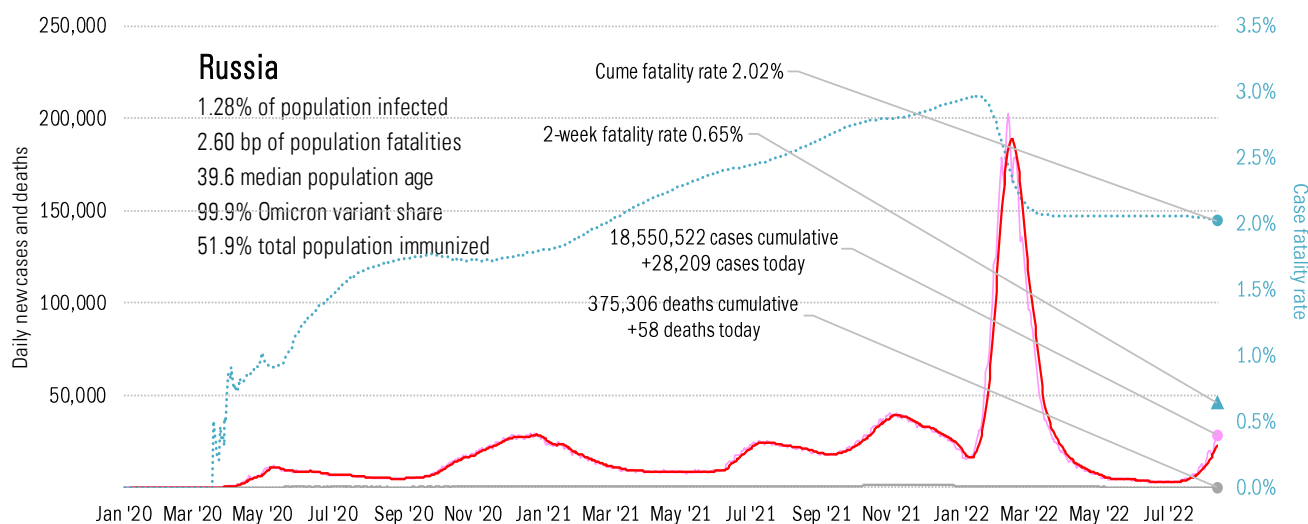
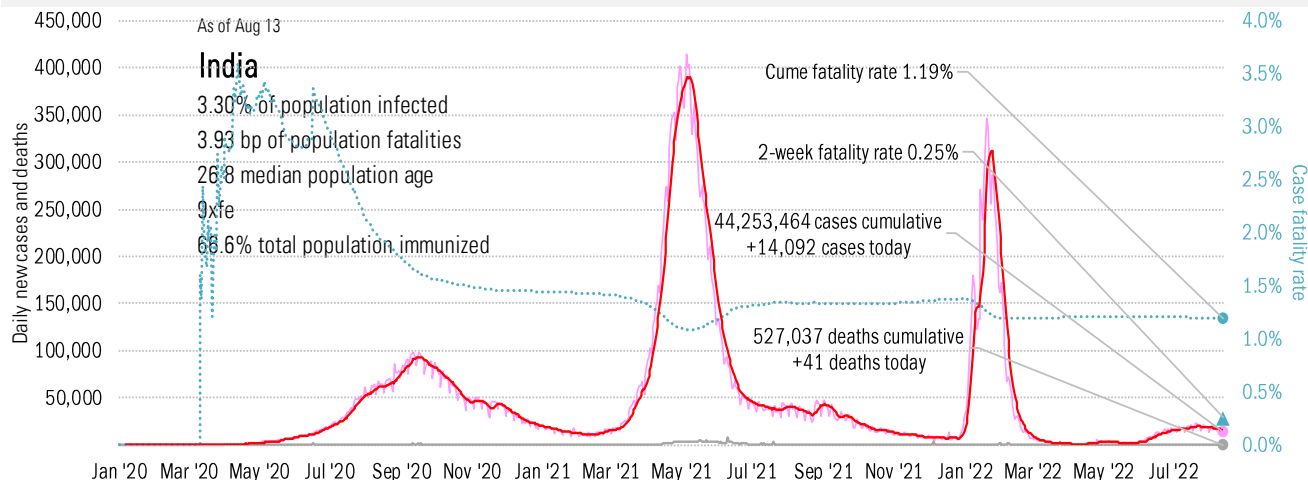
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

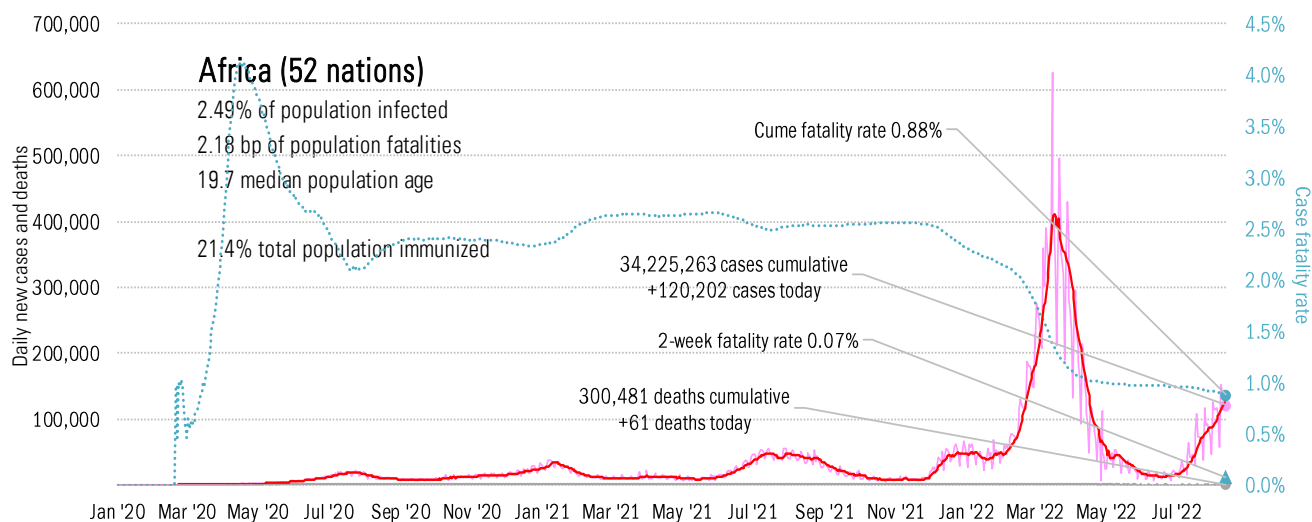
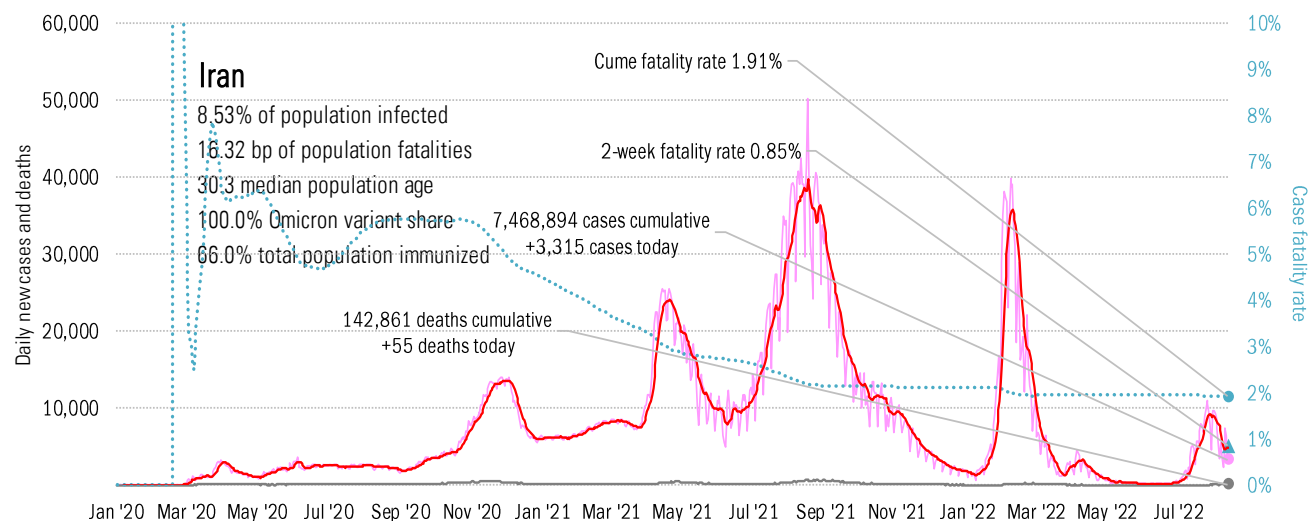
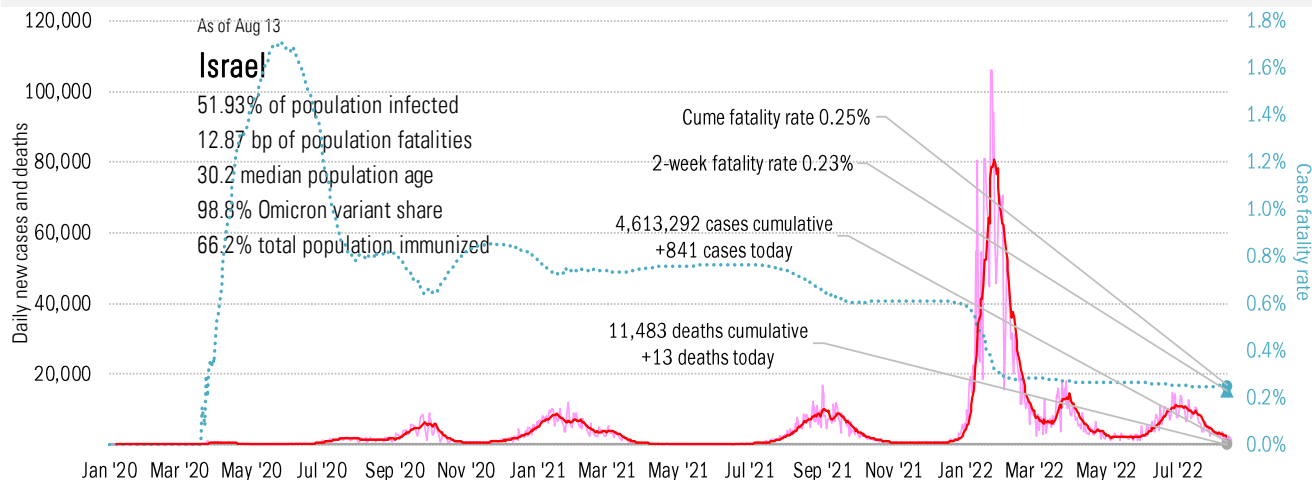
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

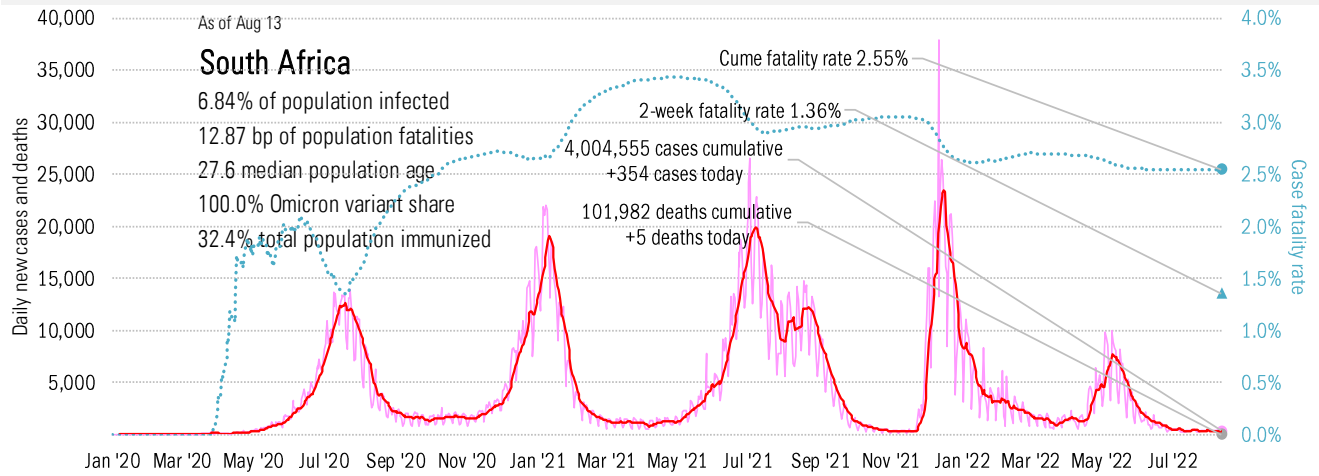
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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