

Data Insights: Covid-2019 Monitor

Wednesday, August 17, 2022

The global scorecard

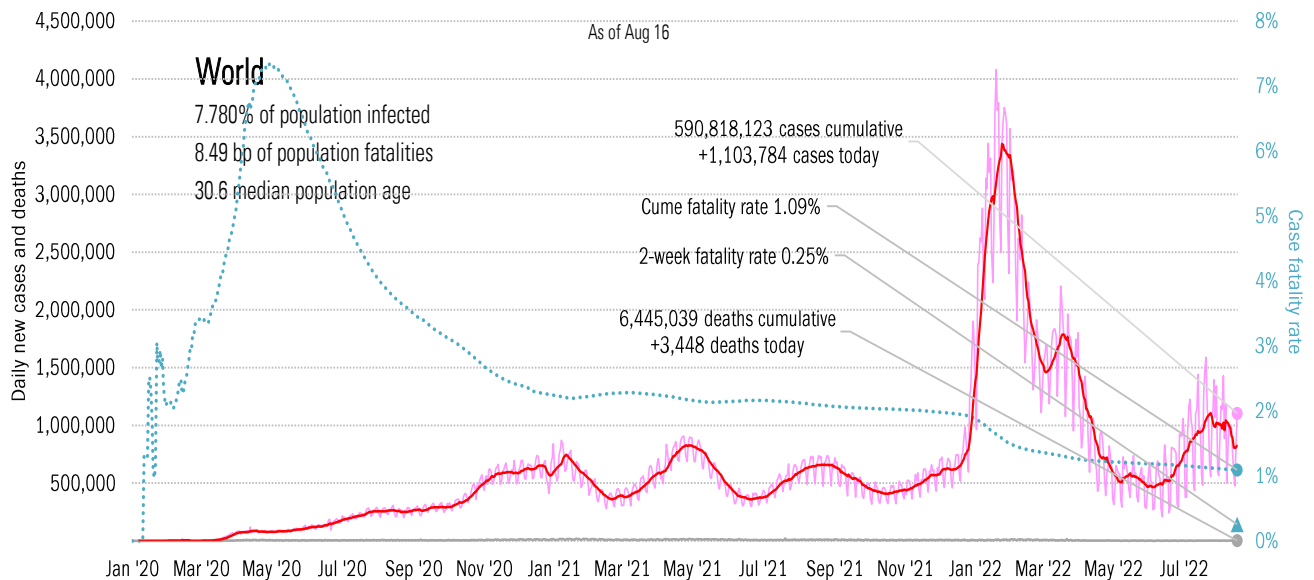
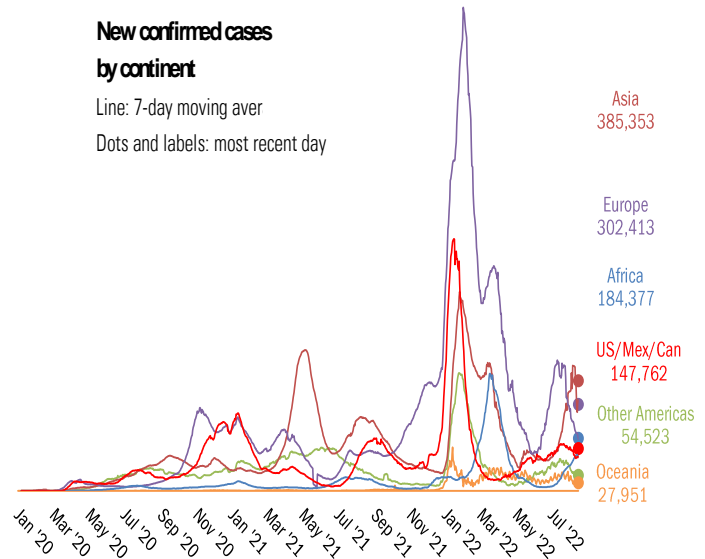
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Korea, South	180,652	United States	612
Japan	166,093	Turkey	342
Turkey	143,778	Greece	306
United States	128,407	Japan	306
Greece	77,062	Spain	239
Germany	67,390	Brazil	206
France	49,149	Germany	192
Russia	23,489	France	178
Taiwan*	23,132	Iran	78
Brazil	23,040	Australia	70
882,192		2,529	
World	1,103,784	World	3,448
Top ten	80%	Top ten	73%

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

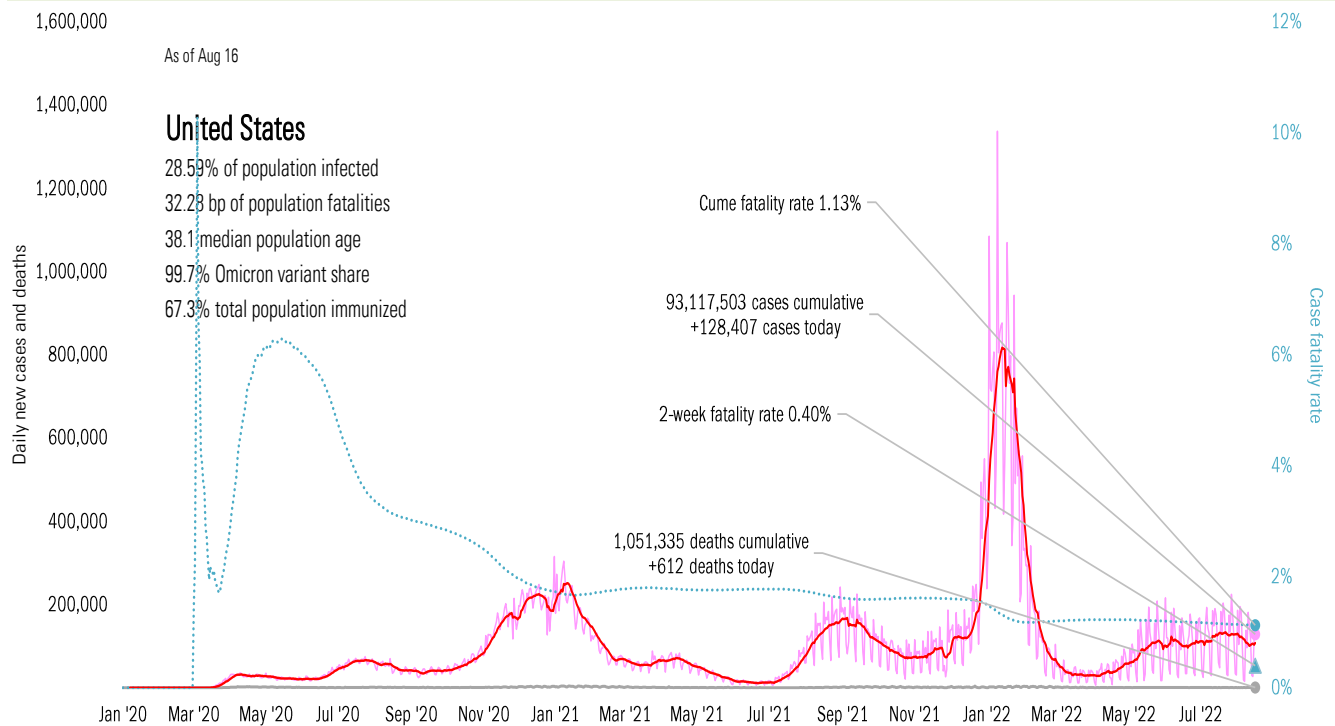
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	15,652		CA	93		GA	240		CA	10,942,596		CA	94,240		TX	530,268		RI	88%	NC	82%
FL	13,675		FL	71		MN	74		TX	7,729,809		TX	89,865		CA	480,620		GA	85%	WA	81%
SC	13,640		AL	52		NM	30		FL	6,952,776		FL	78,742		FL	475,443		WA	85%	AL	81%
TX	8,268		TX	37		AK	13		NY	5,915,819		NY	70,745		NY	286,585		MA	84%	AK	81%
TN	6,070		NY	27		MD	99		IL	3,633,077		PA	46,374		GA	219,459		MN	82%	TX	81%
NC	4,461		MD	21		NV	32		PA	3,127,189		GA	39,319		CH	209,395		MD	80%	MA	79%
WA	4,043		GA	21		VI	3		NC	3,047,625		CH	39,220		PA	195,578		DE	80%	GA	77%
IL	3,801		NE	20		WY	10		CH	3,002,043		IL	39,128		IL	178,712		MO	80%	NH	76%
CH	3,717		CR	20		AS	0		GA	2,803,517		MI	37,774		MI	155,942		AK	80%	DC	76%
IN	3,617		VA	20		GJ	0		MI	2,731,787		NJ	34,414		KY	140,785		DC	79%	CR	76%
76,944			382			501			49,886,238			569,821			2,872,787						
All states	128,407			612			4,917		All states	93,117,503			1,051,335			5,212,264		All states	70%		67%
Top ten	60%			62%			10%		Top ten	54%			55%			55%		Median	74%		69%

Some states not reporting

Five most improved US states

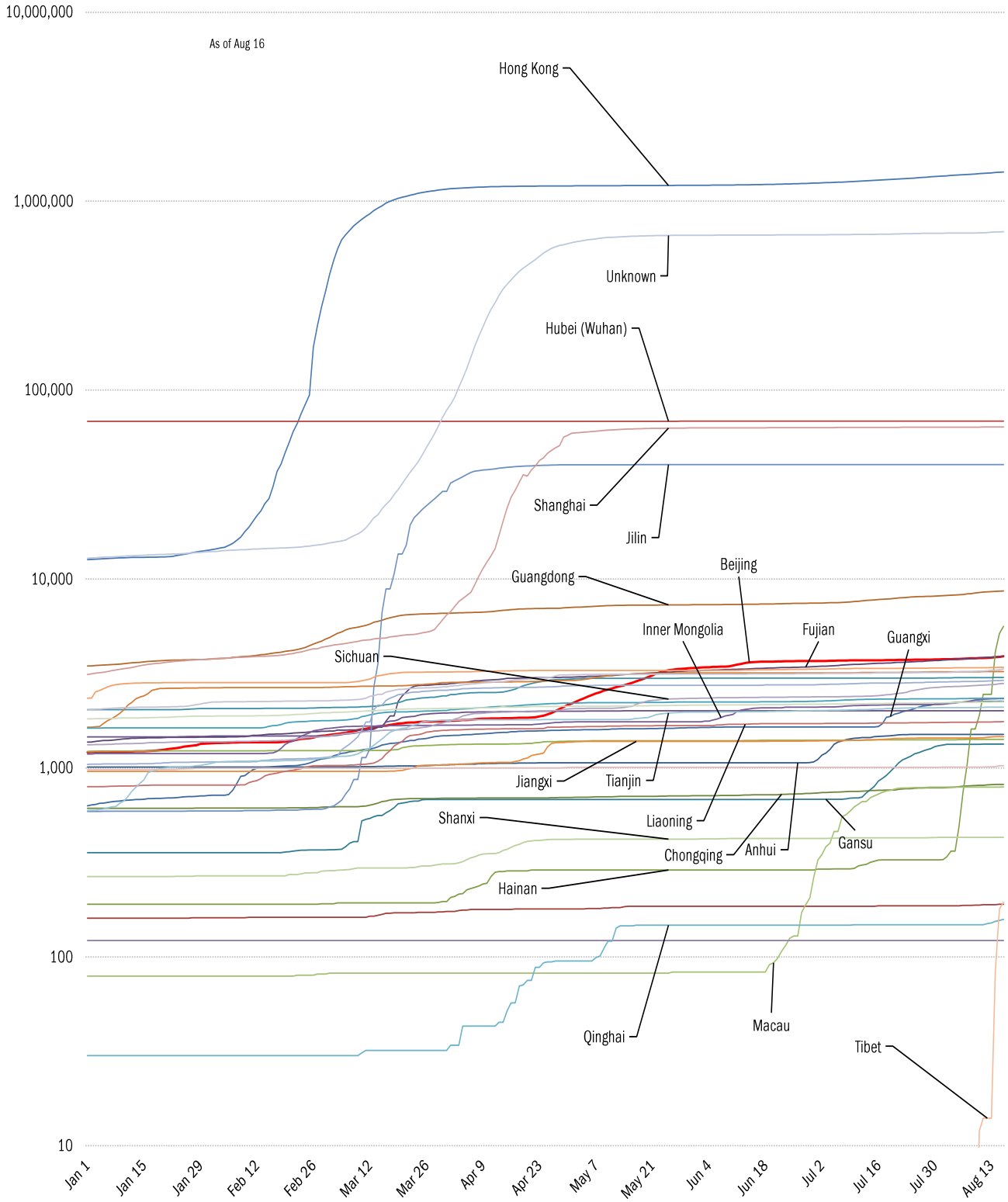
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
MO	-8,545	TX	-24	TX	-178
NY	-3,432	WA	-19	FL	-174
FL	-1,185	CO	-8	CA	-88
DE	-144	MS	-5	NY	-78
IA	-104	CR	-5	NC	-68



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"

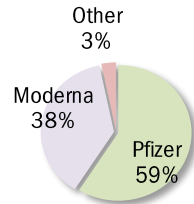


Source: [Johns Hopkins](#), TrendMacro calculations

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	France	78.6%	80.9%
Total population	270,117,600	81%	229,954,609	69%	+0.075 million	Spain	85.5%	86.9%
Age 12 to 17	18,064,522	71%	15,437,321	61%	+0.004 million	Germany	76.0%	77.6%
Age 18 to 64	180,518,346	89%	153,379,710	75%	+0.053 million	Italy	81.0%	85.8%
Age 65 and over	59,627,302	100%	52,161,862	95%	+0.006 million	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%



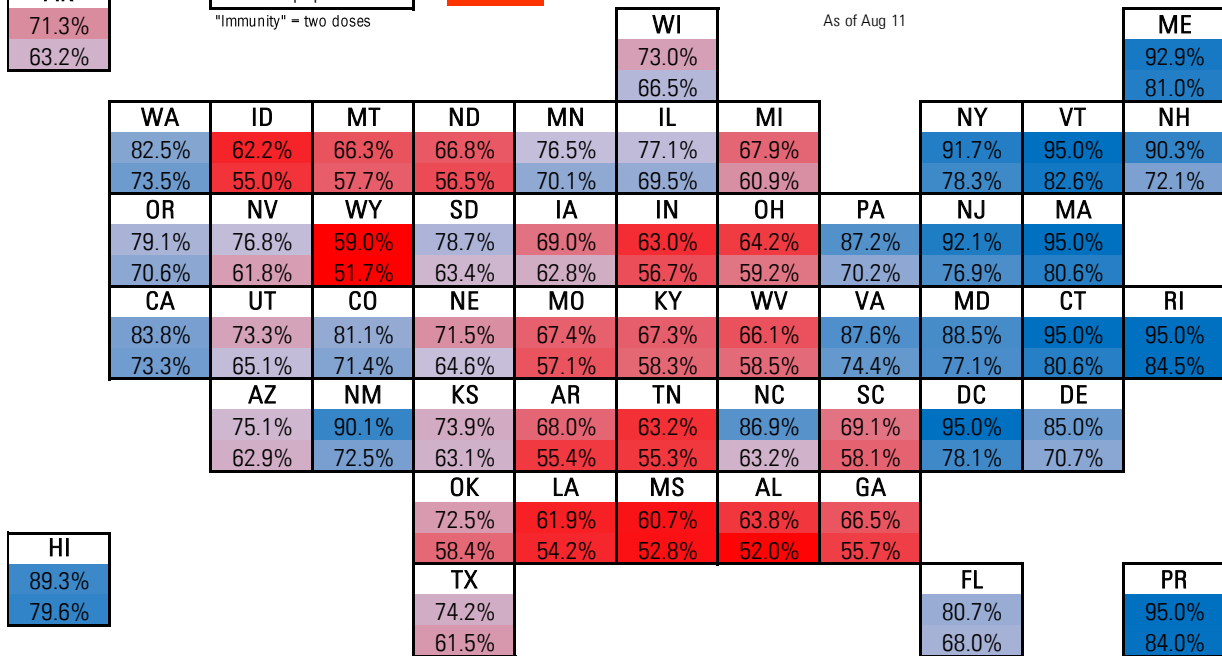
AK	71.3%
	63.2%

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

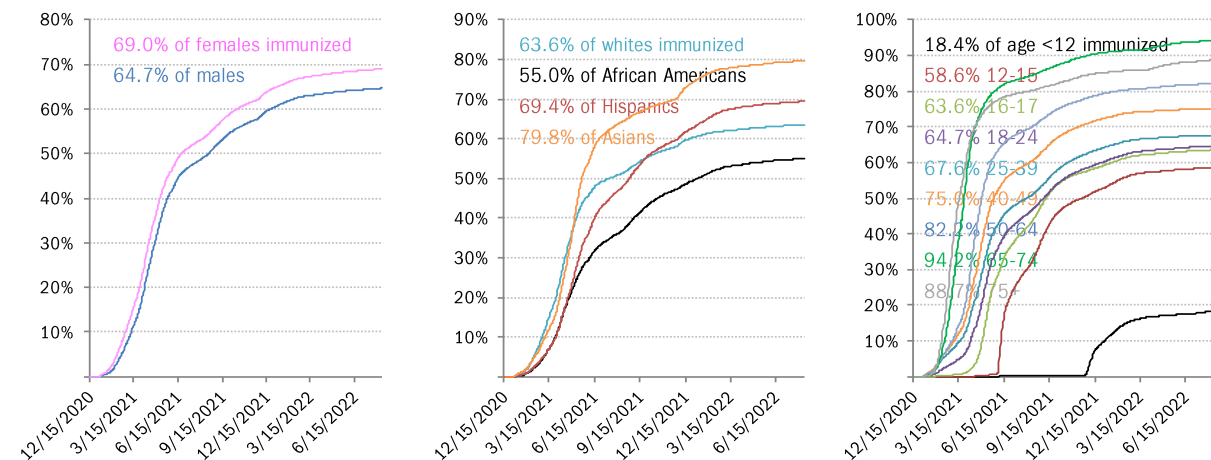
Best
Middle
Worst

"Immunity" = two doses

Global data differs due to sources, timing



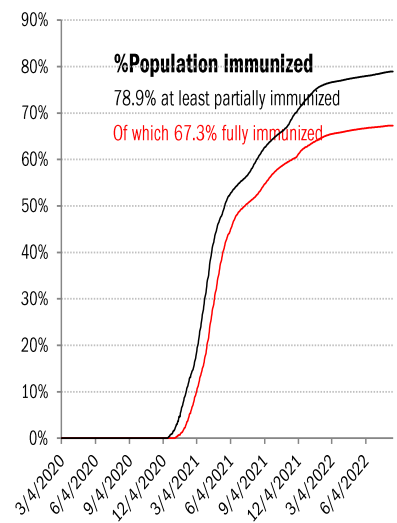
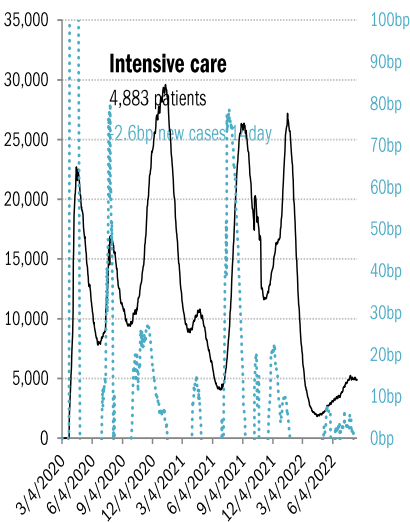
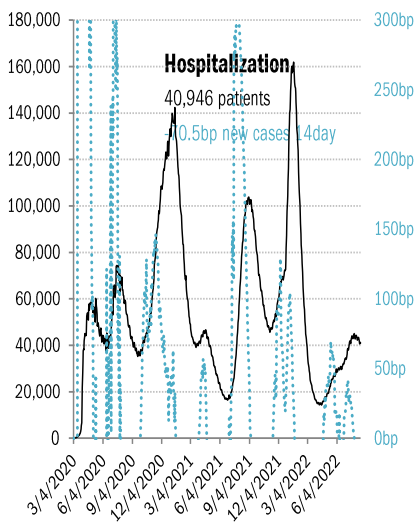
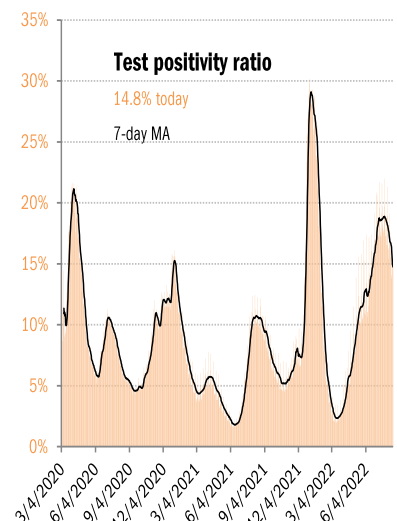
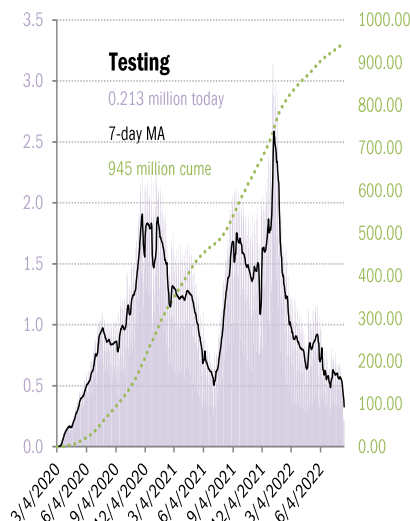
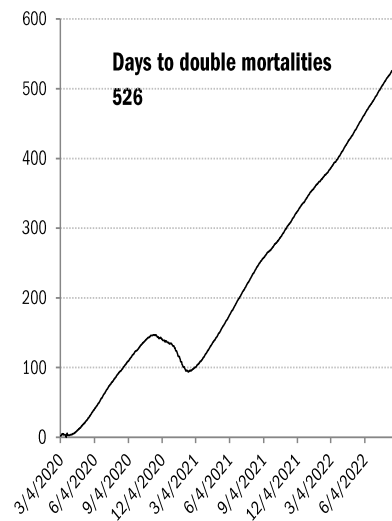
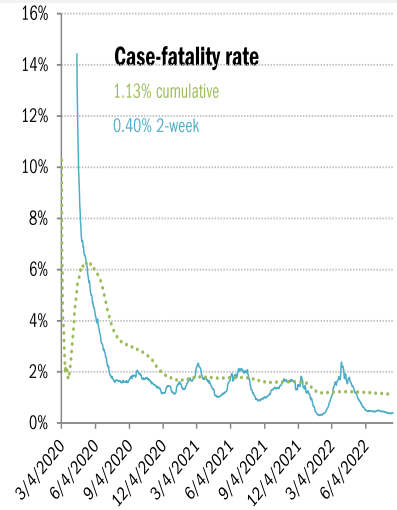
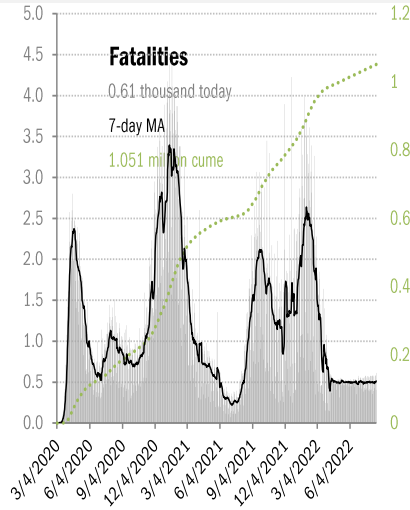
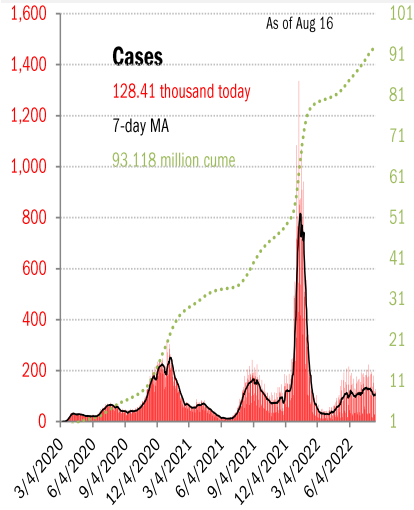
The demographics of US vaccination



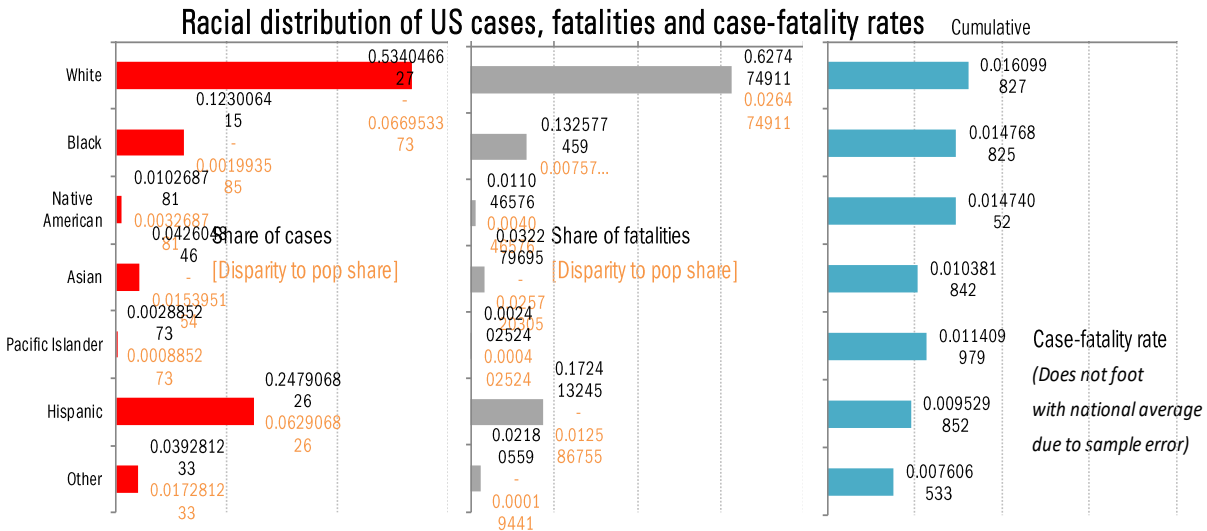
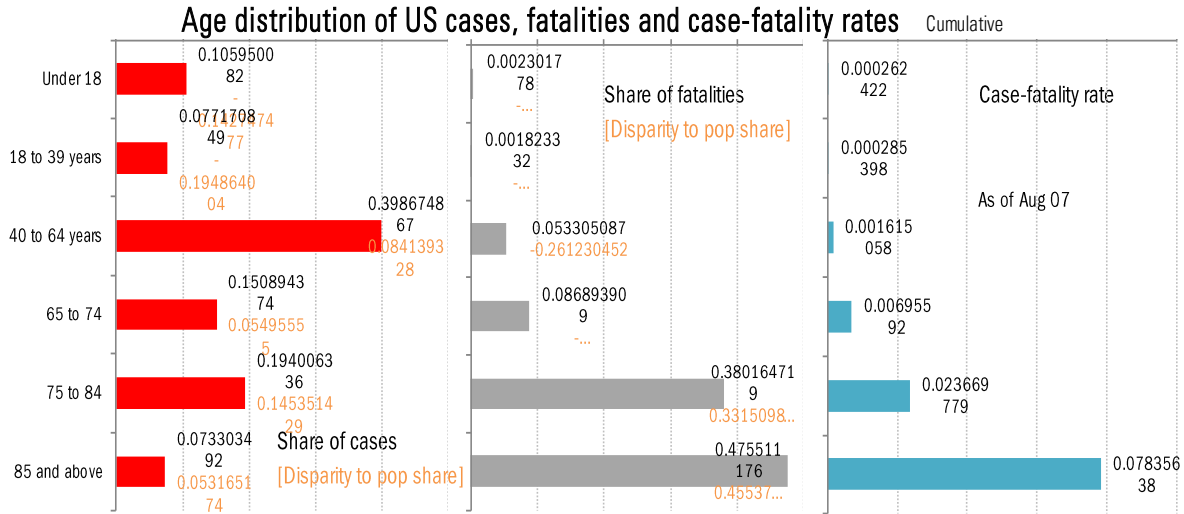
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

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

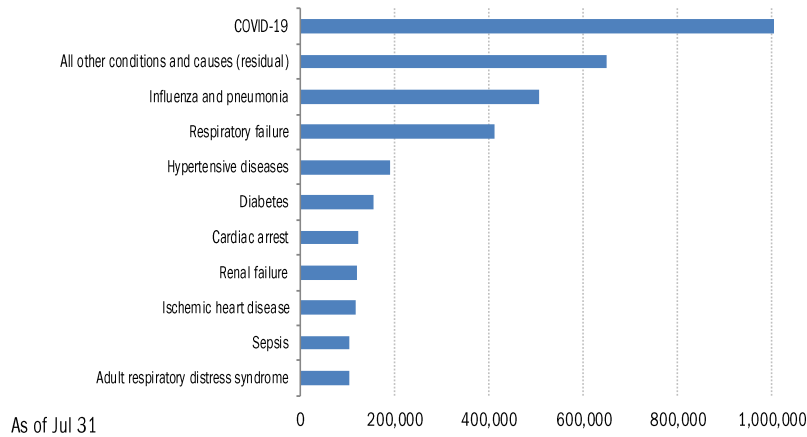


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

[Hellerstedt: Texas coped well with Covid-19](#)

Steve Taylor
Rio Grande Guardian
August 16, 2022

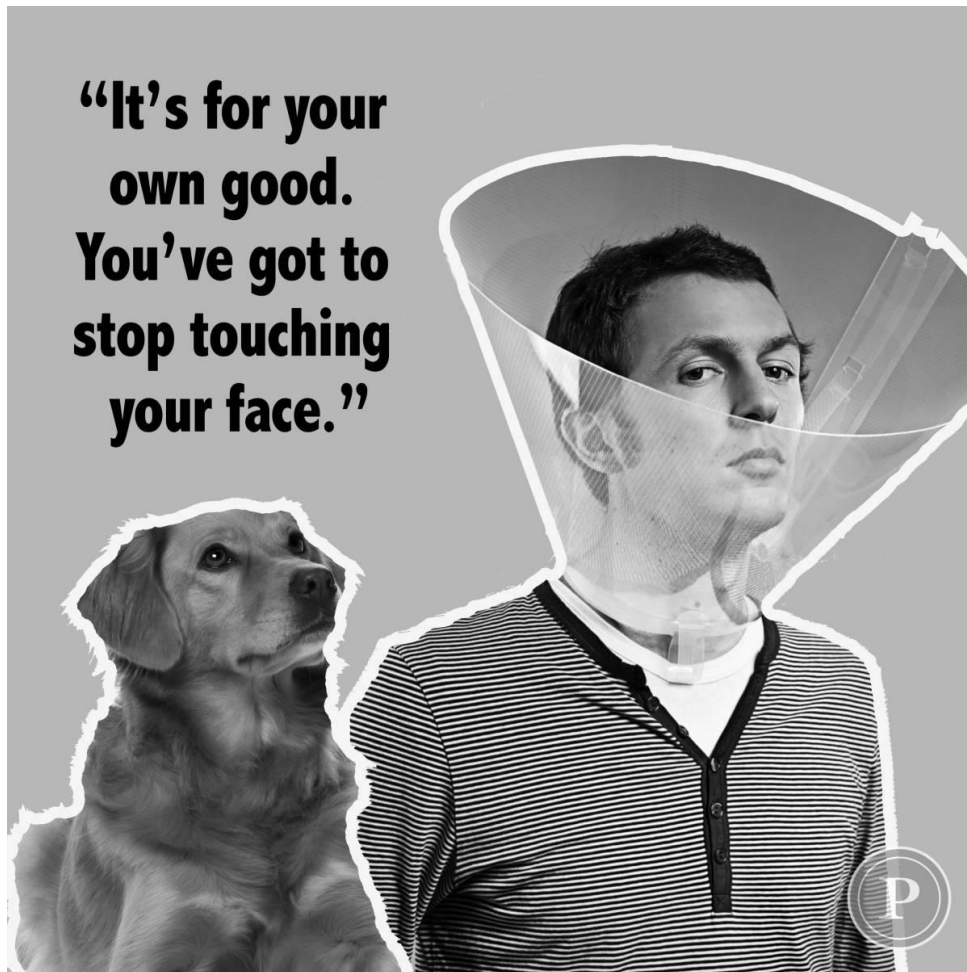
[Marshall Islands, Once Nearly Covid-Free, Confronts an Outbreak](#)

Daniel Victor
New York Times
August 16, 2022

[CDC Whispers, "Retreat"](#)

Bret Swanson
Infonomena
August 16, 2022

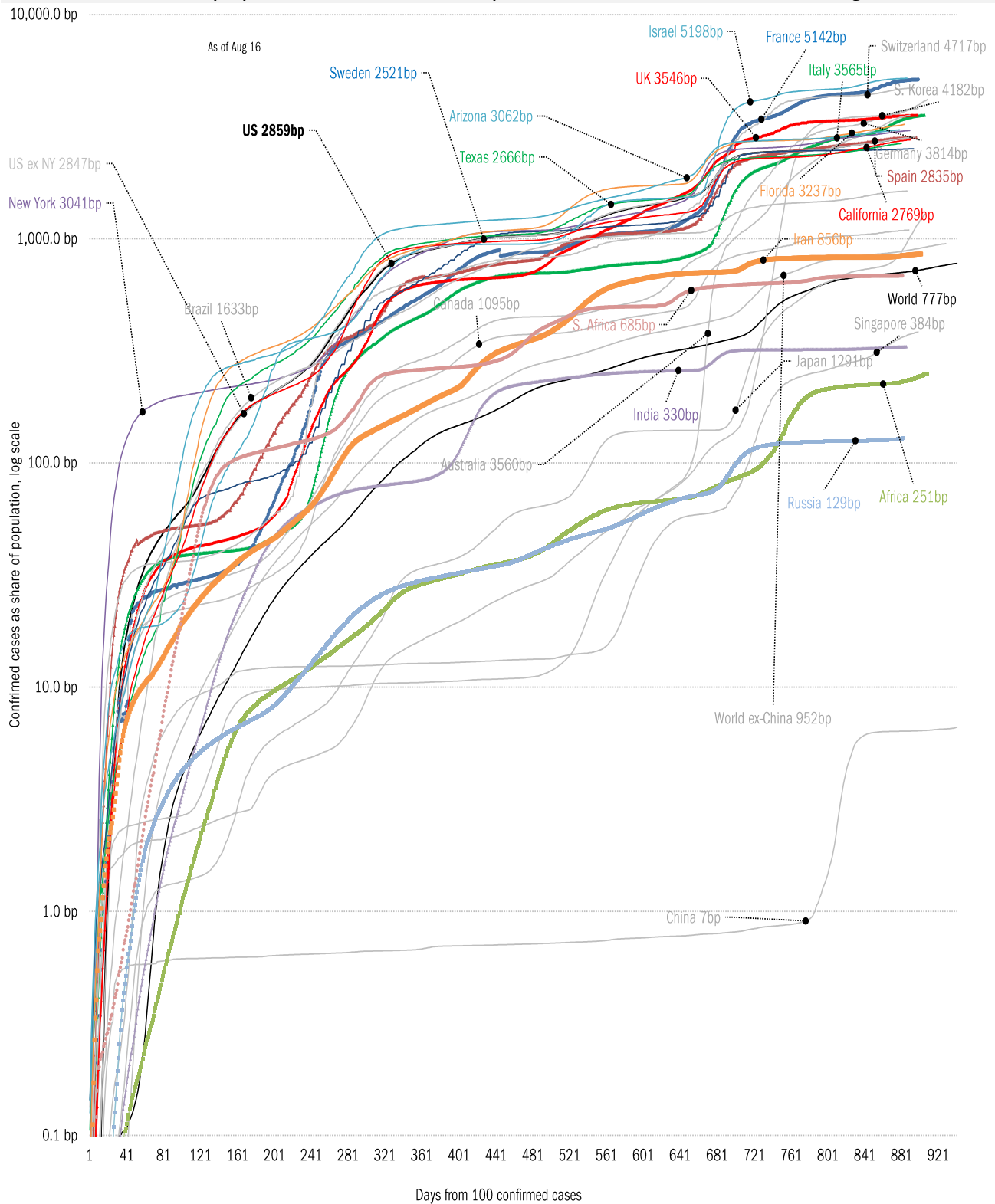
Meme of the day



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

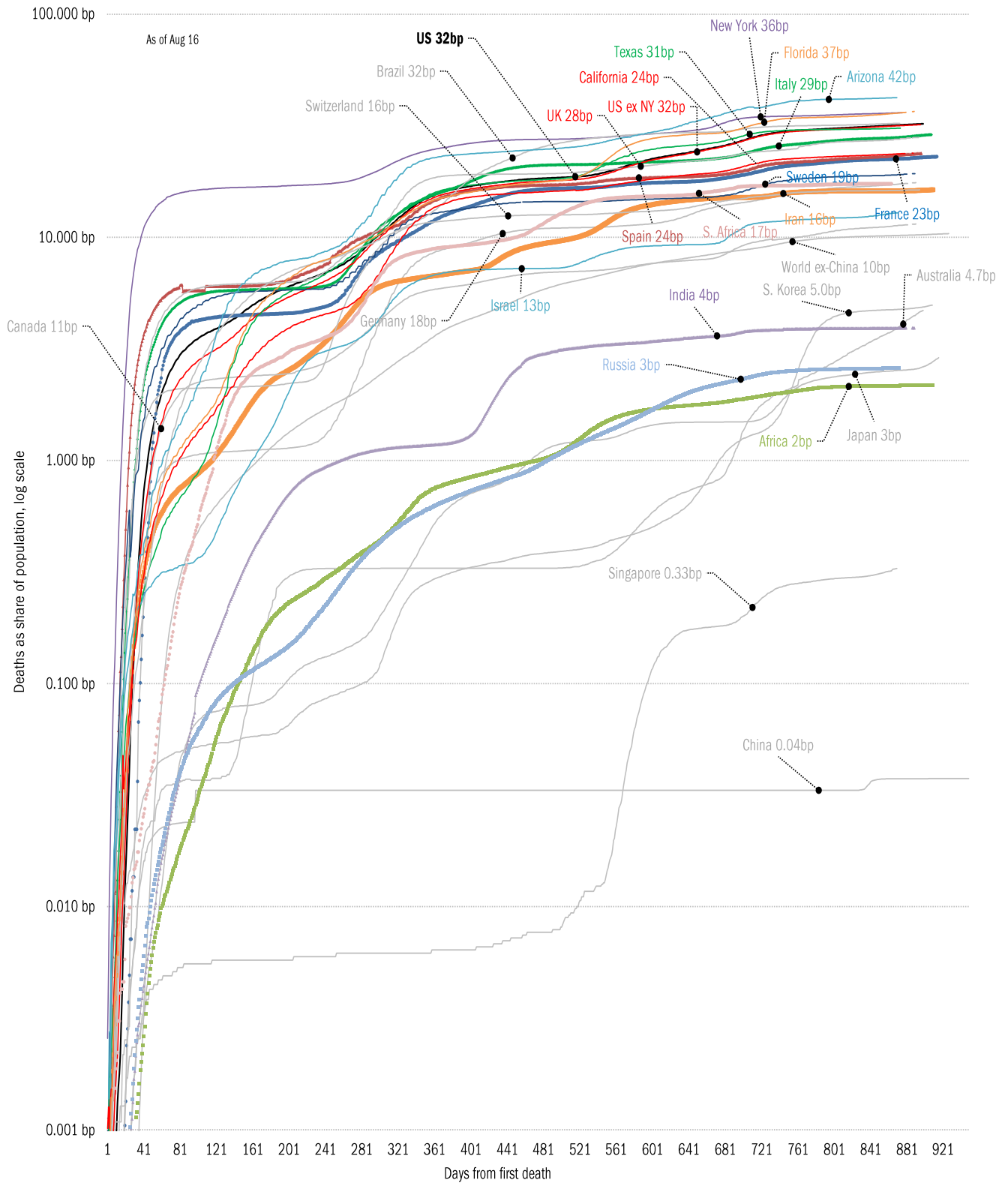
The global coronavirus case accelerometer... tracking the world's infection curves

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

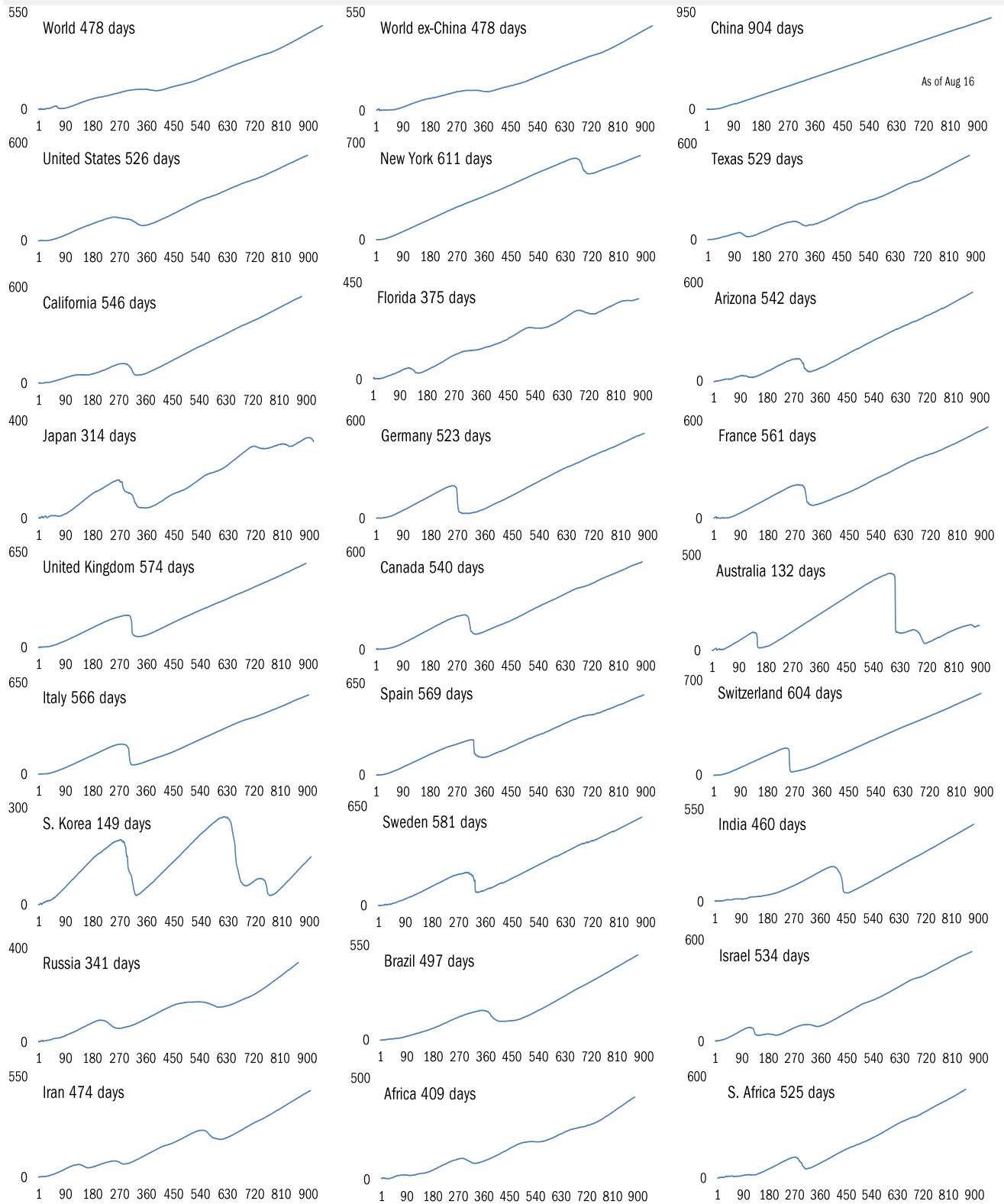


Source: [Johns Hopkins](#), TrendMacro calculations

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

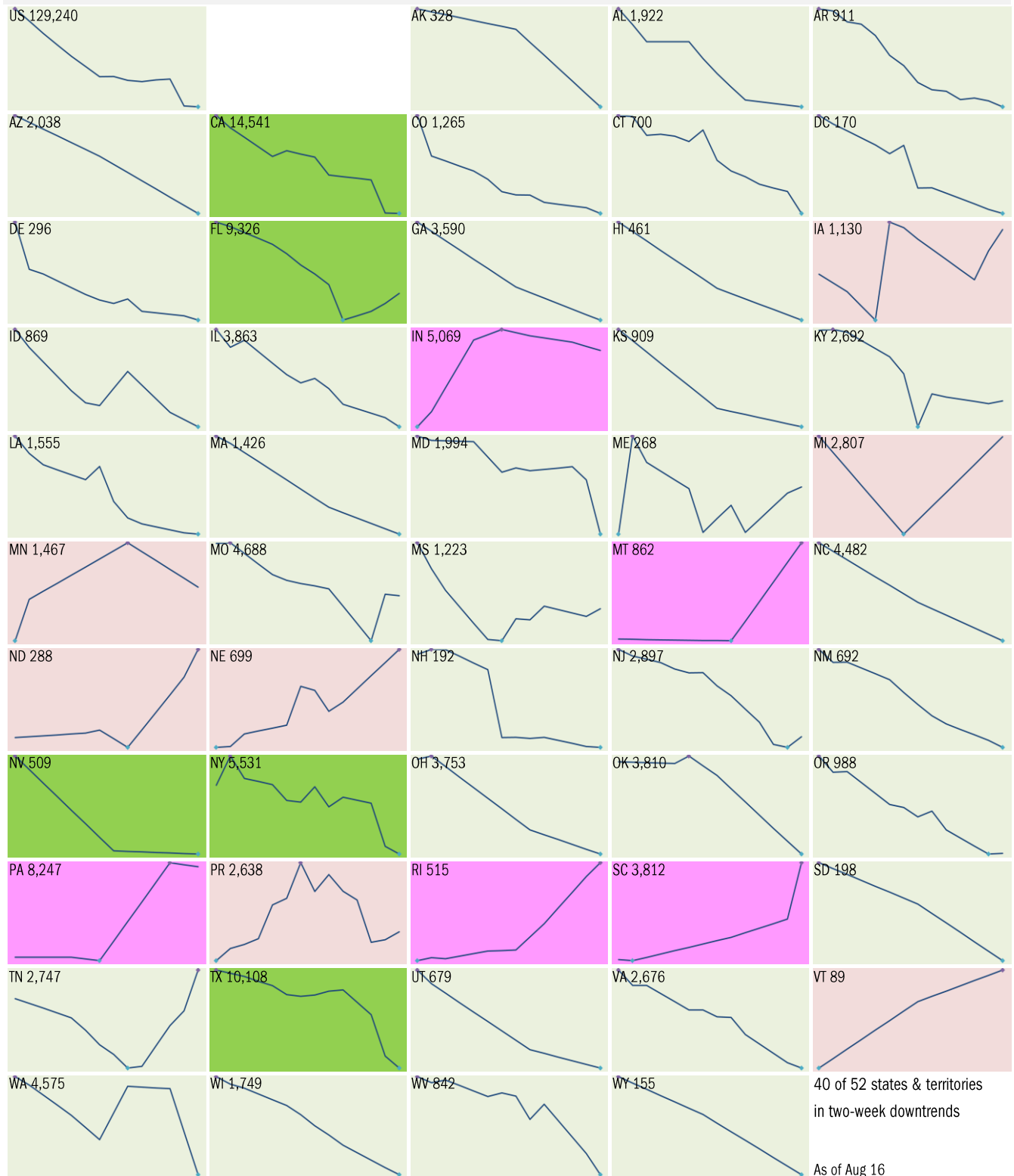


Source: [Johns Hopkins](#), TrendMacro calculations

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

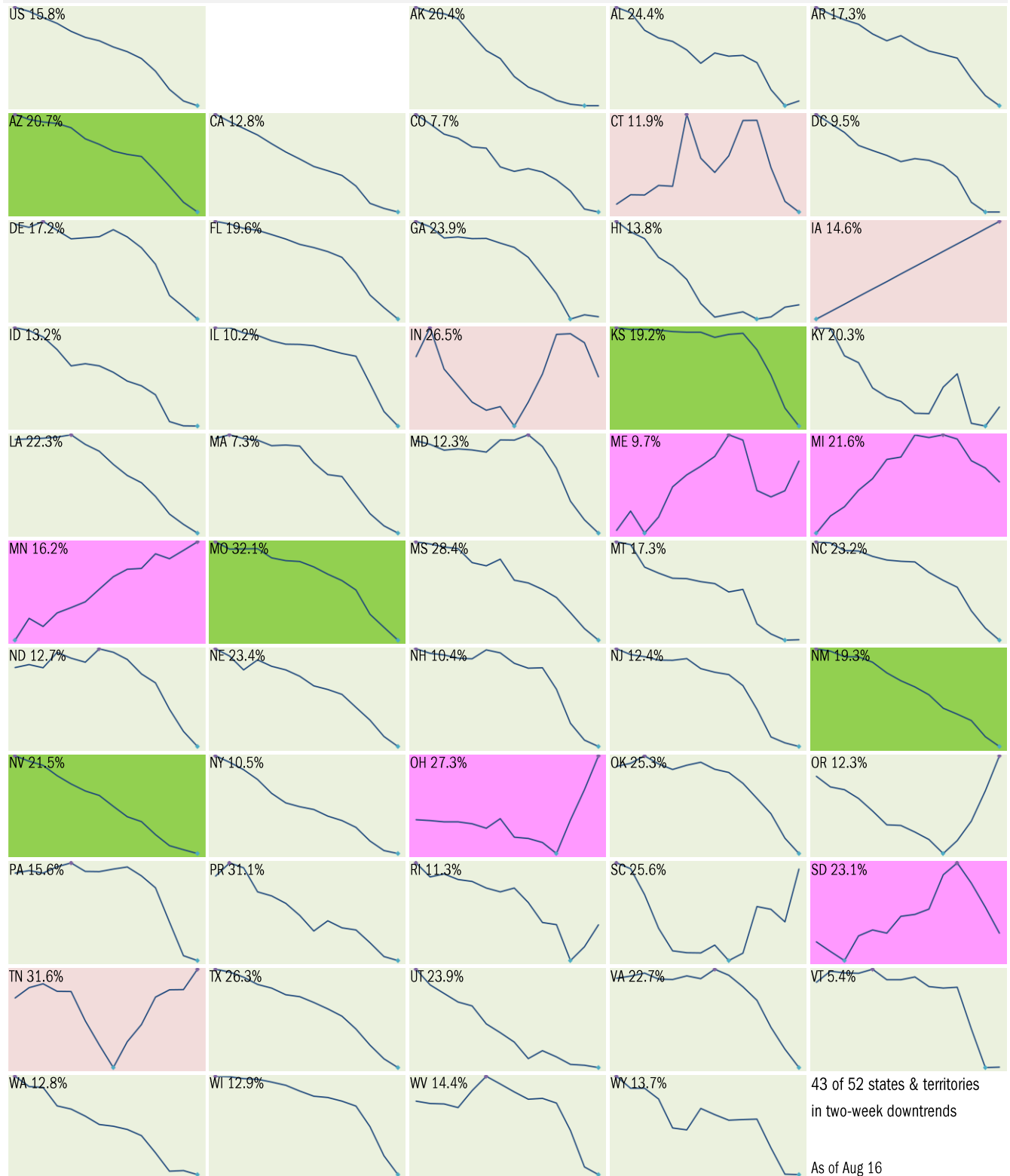


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

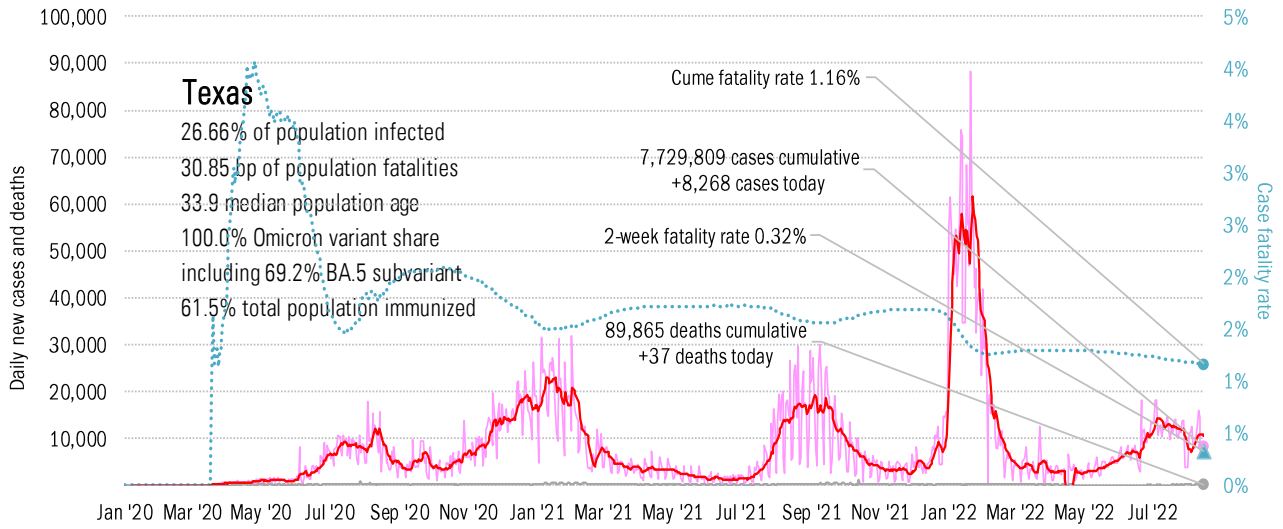
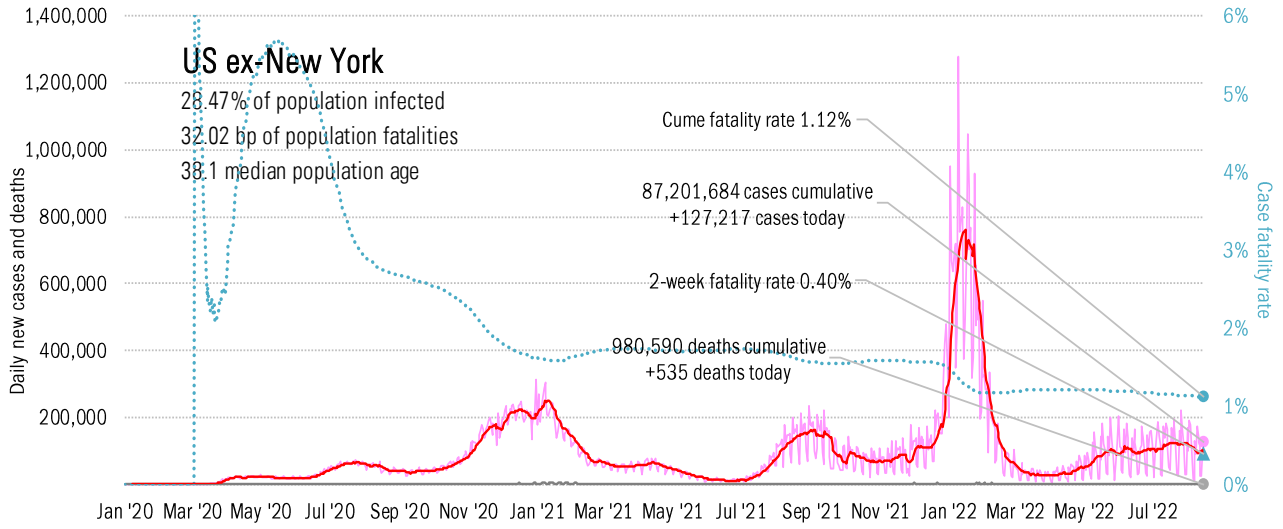
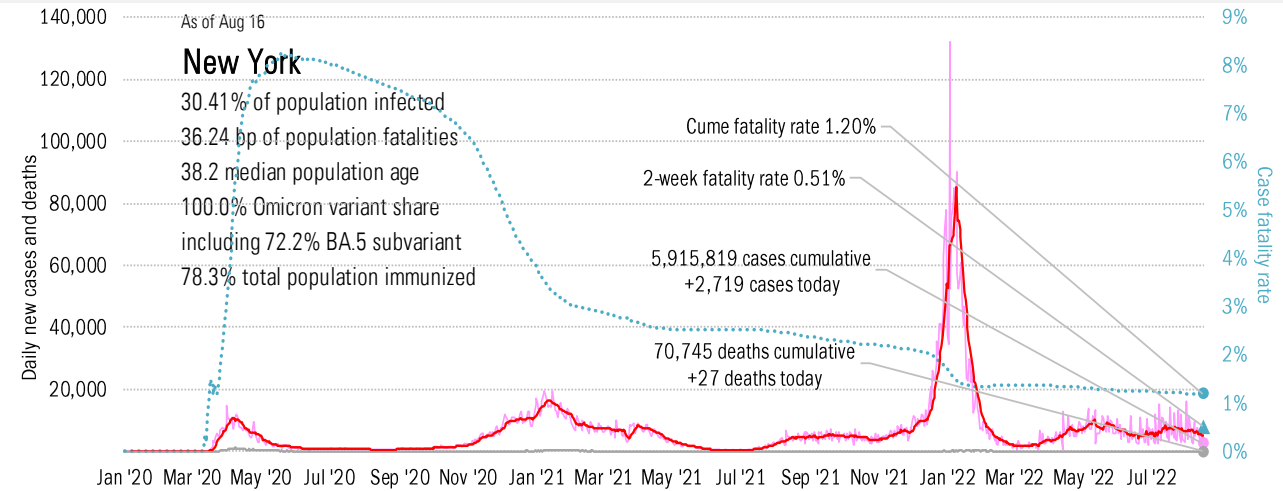
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

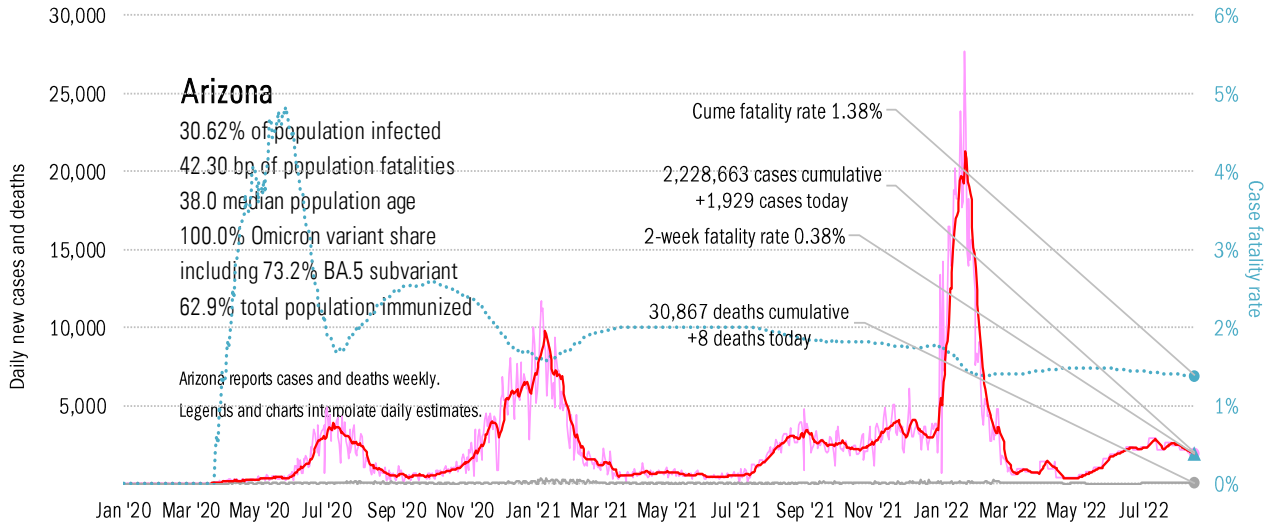
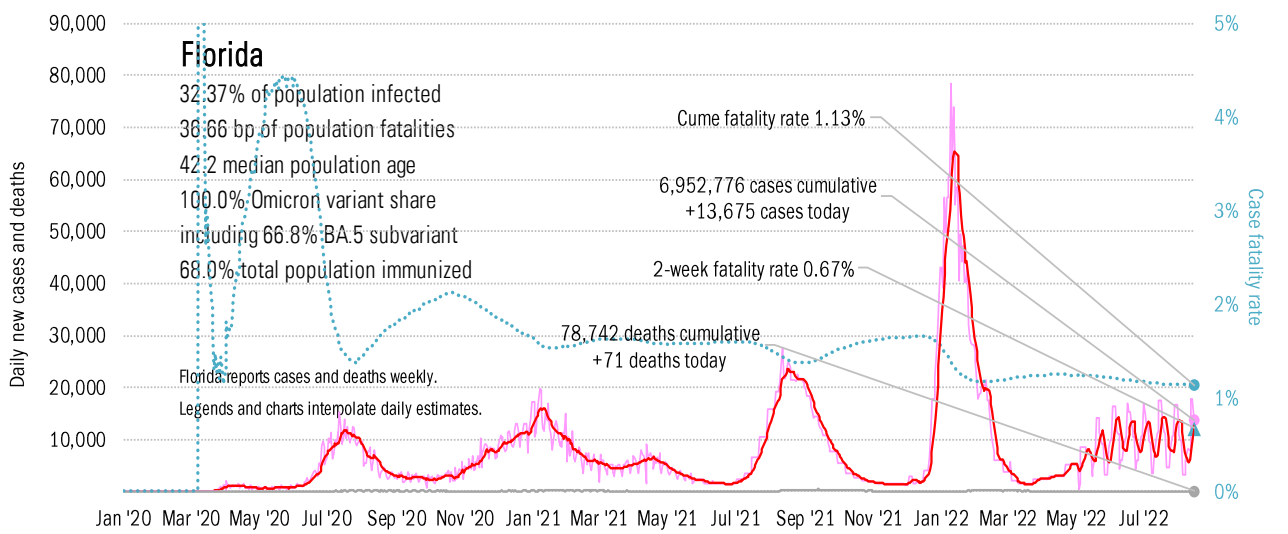
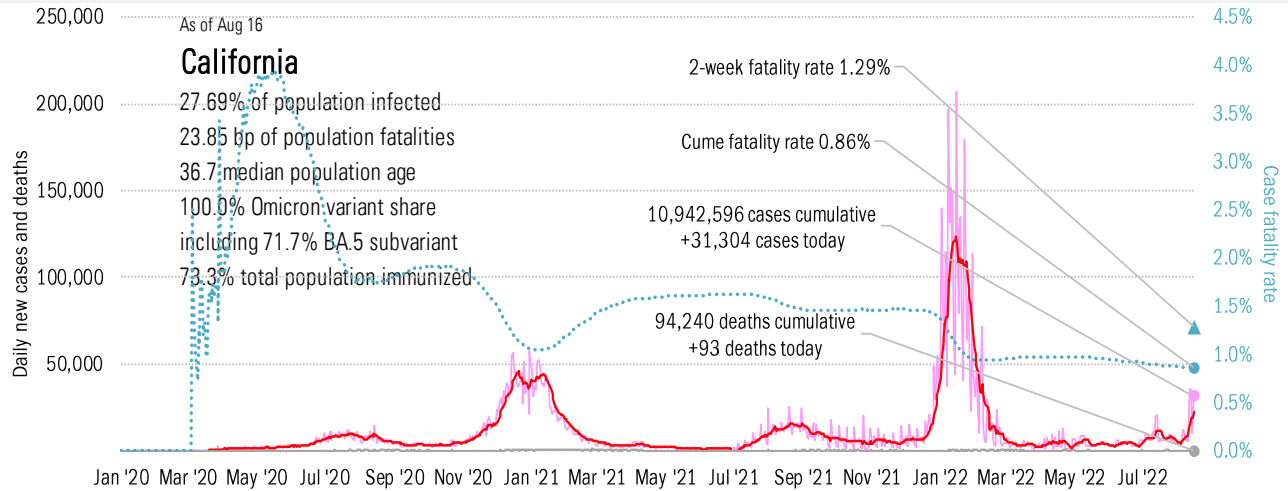
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

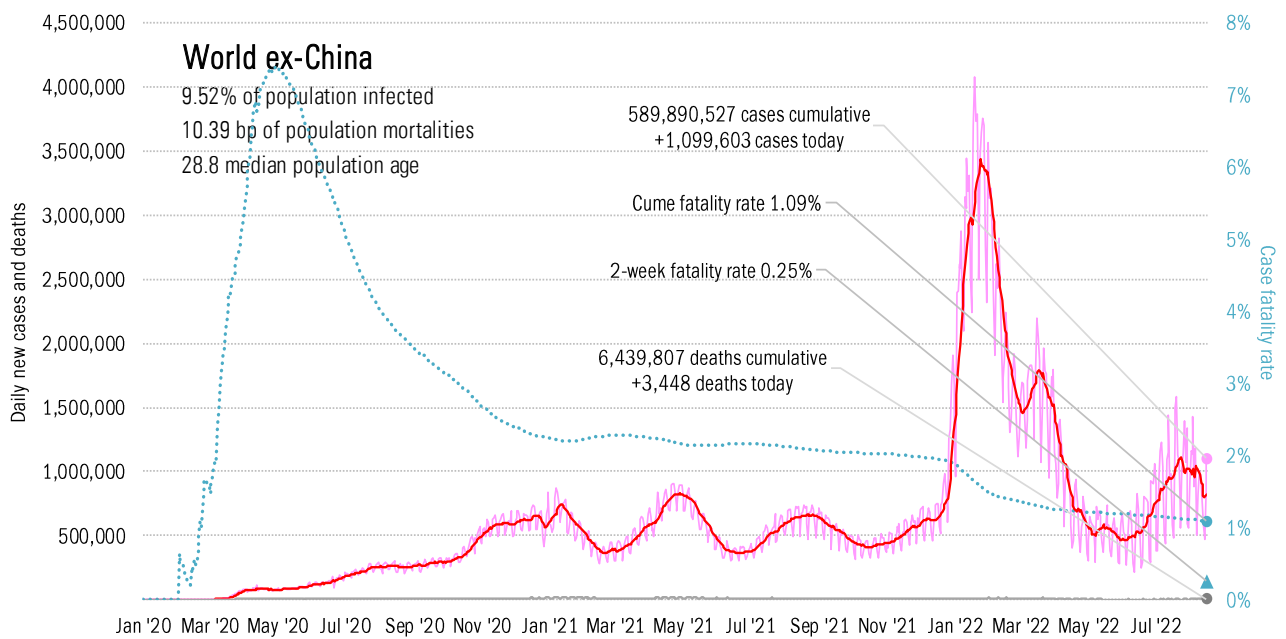
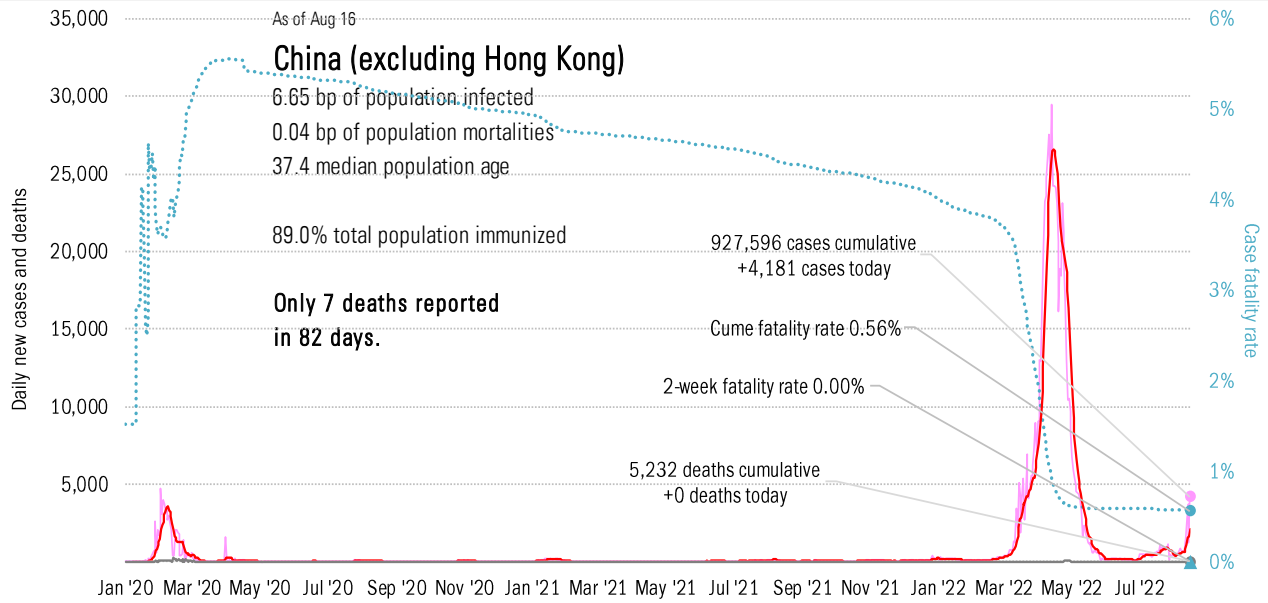
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

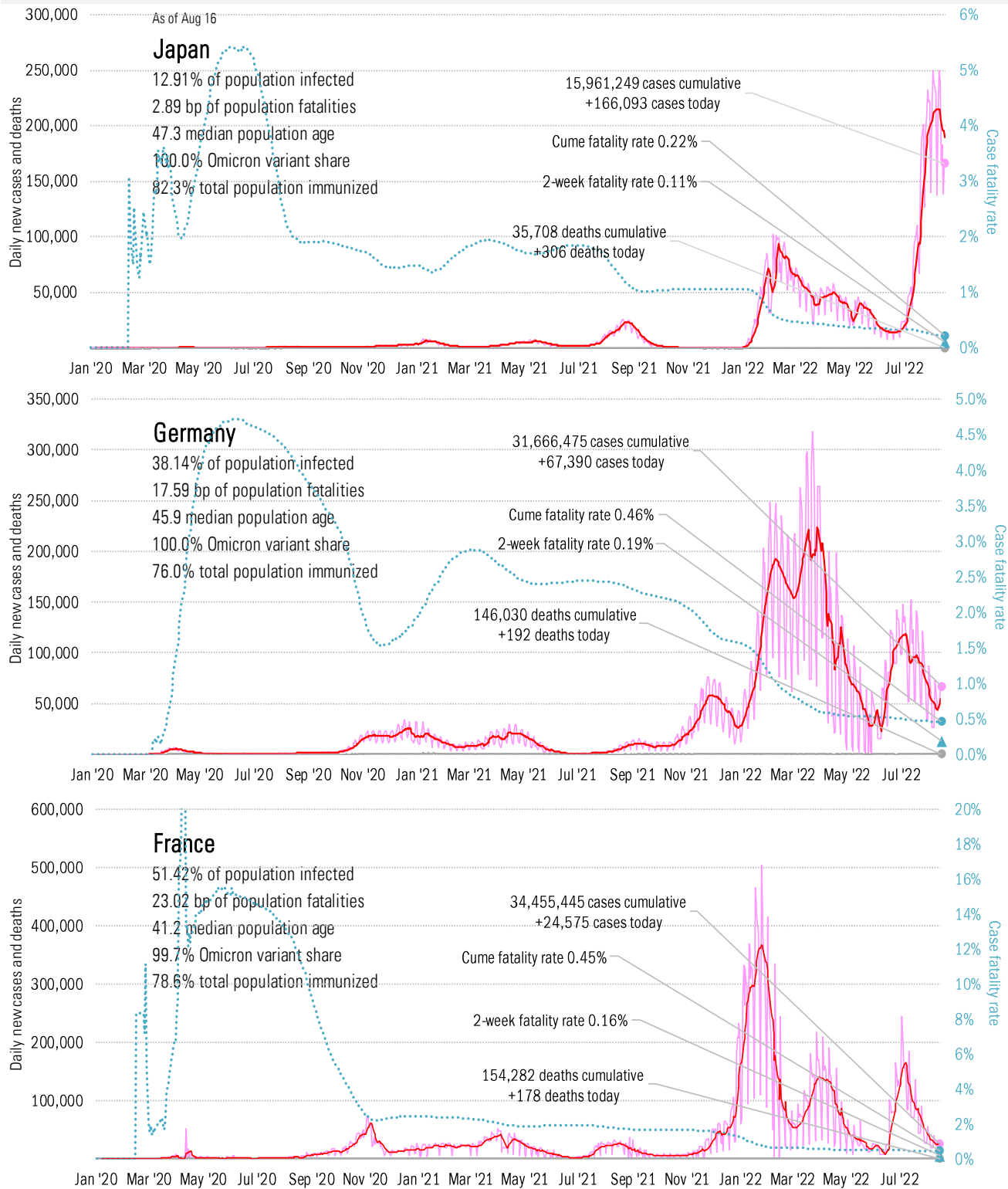
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

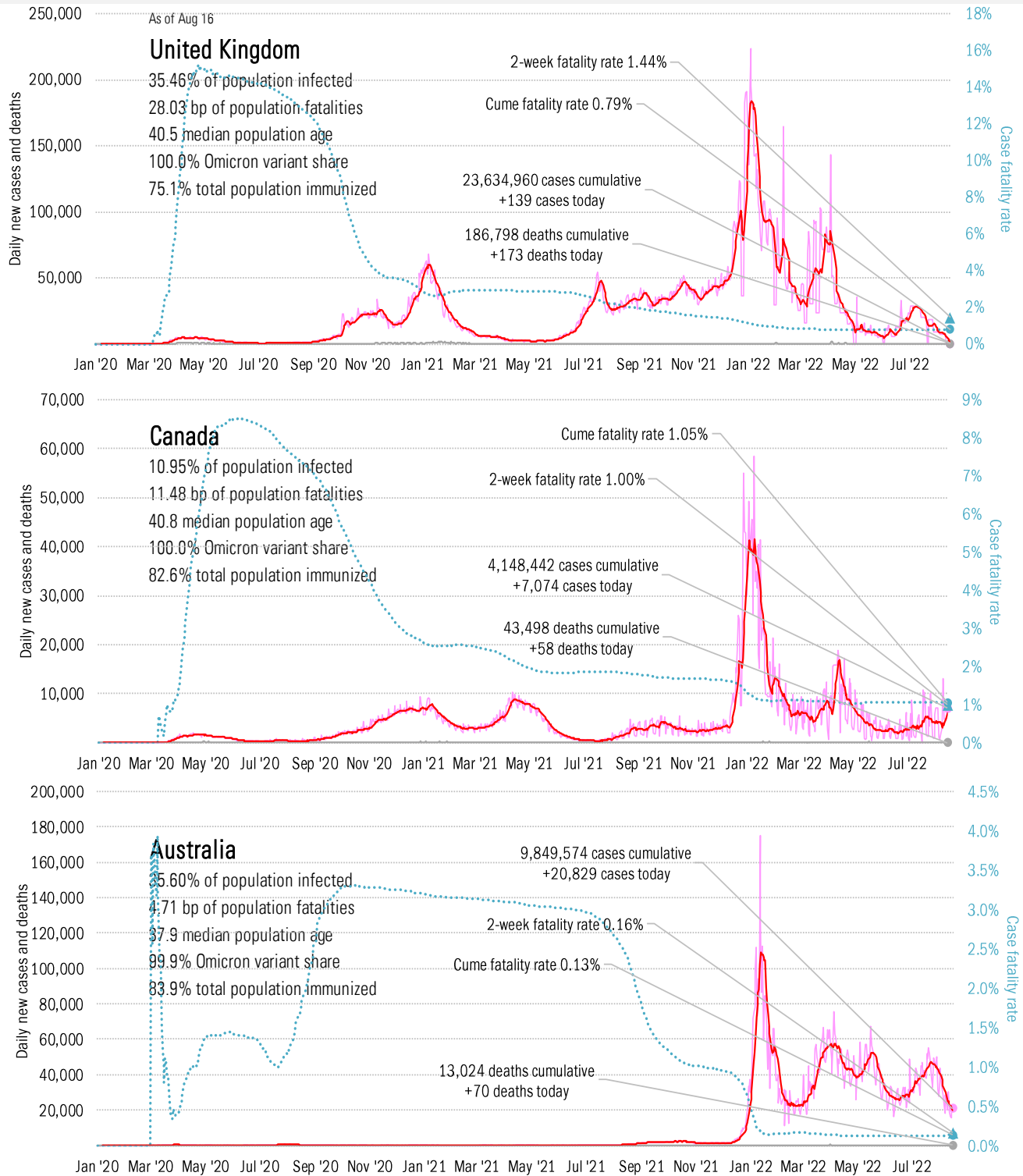
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

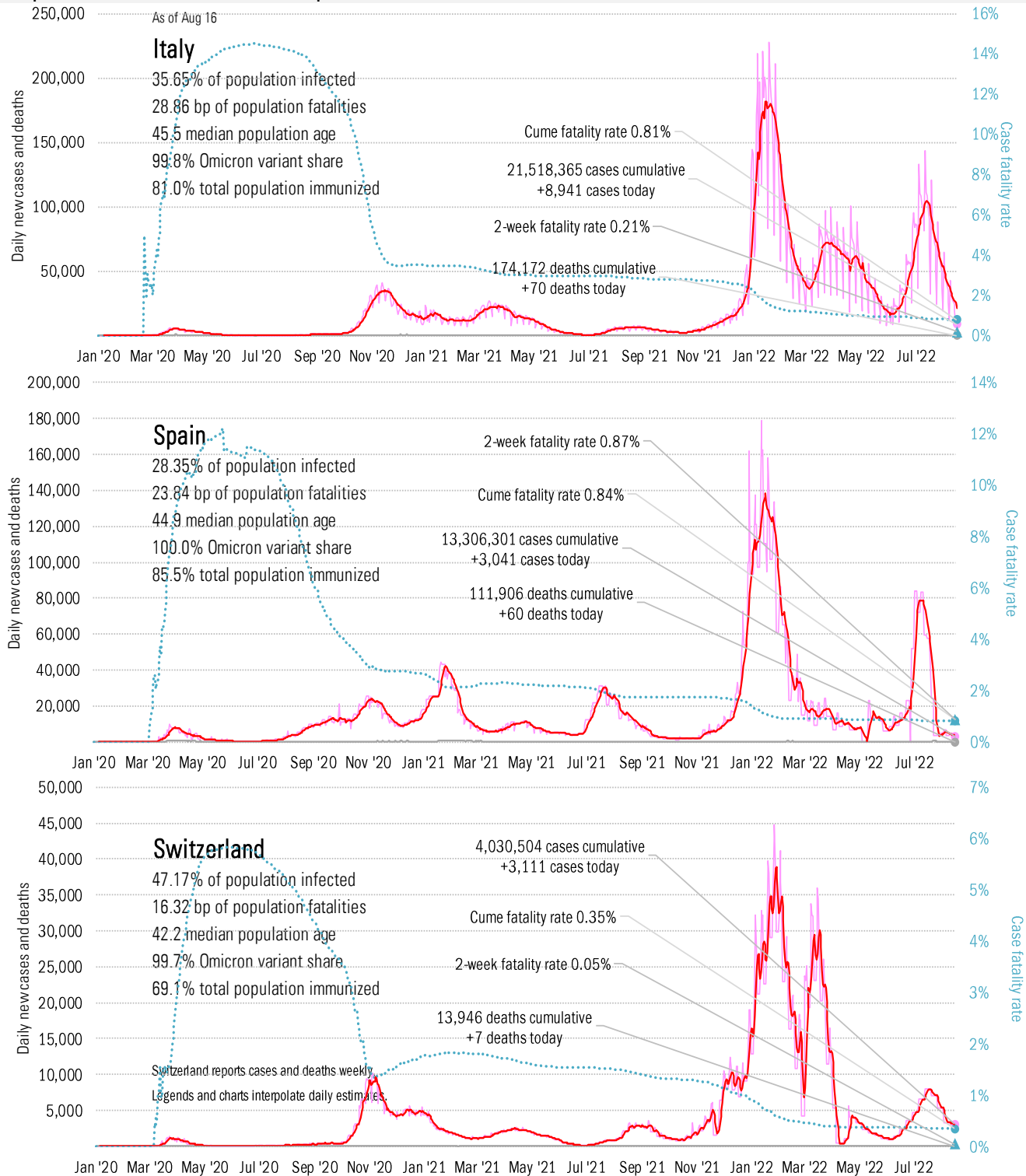
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

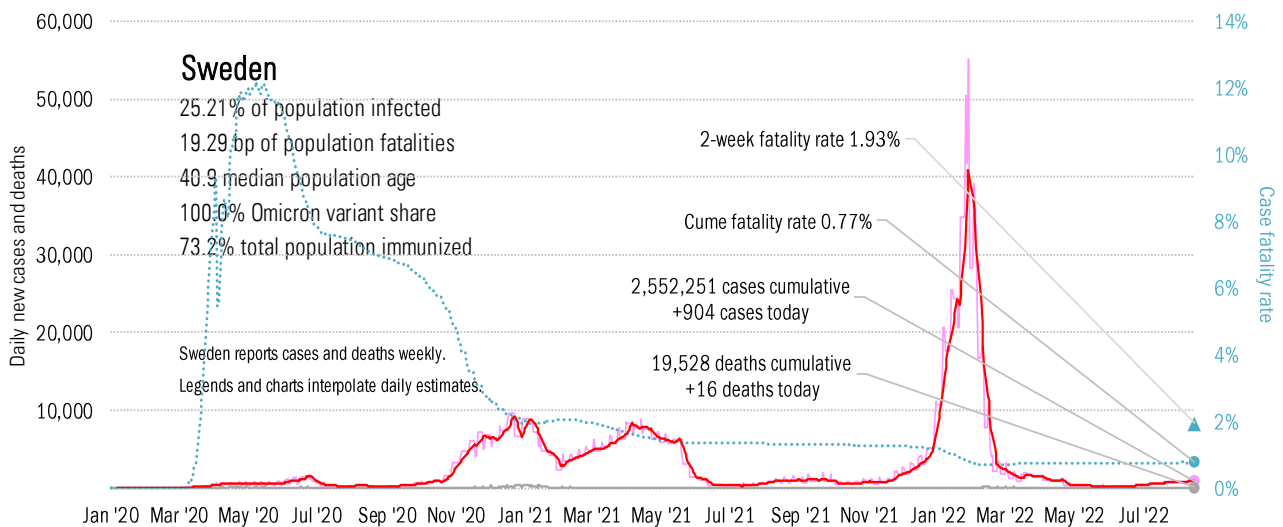
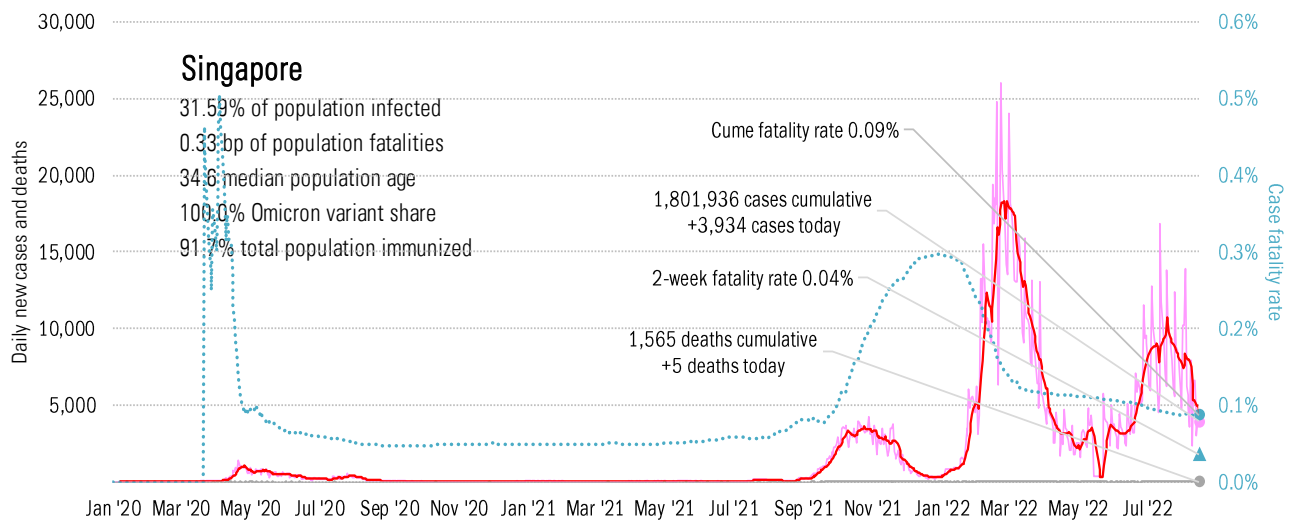
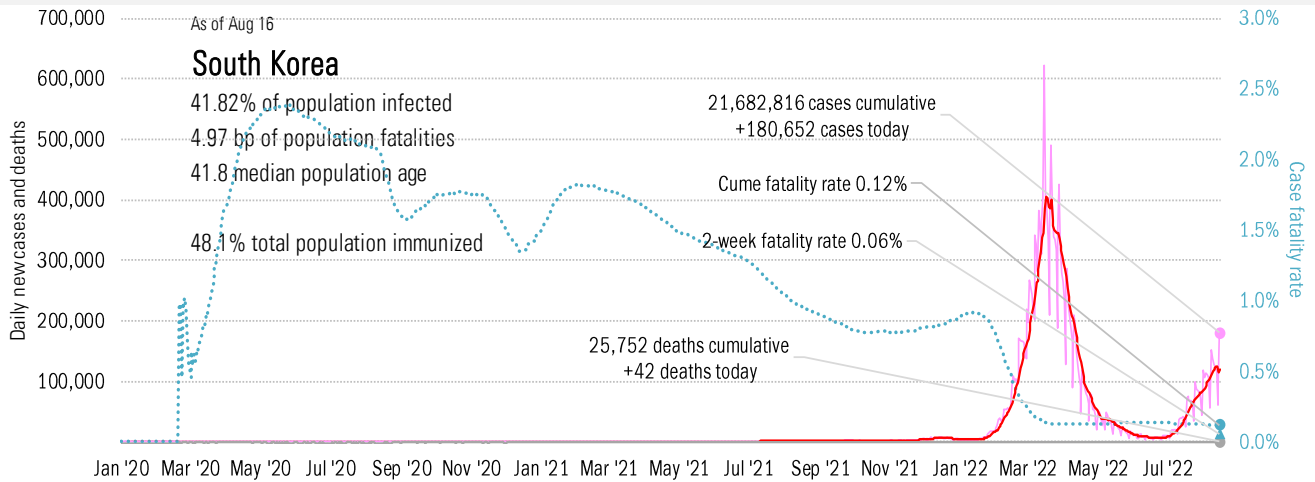
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

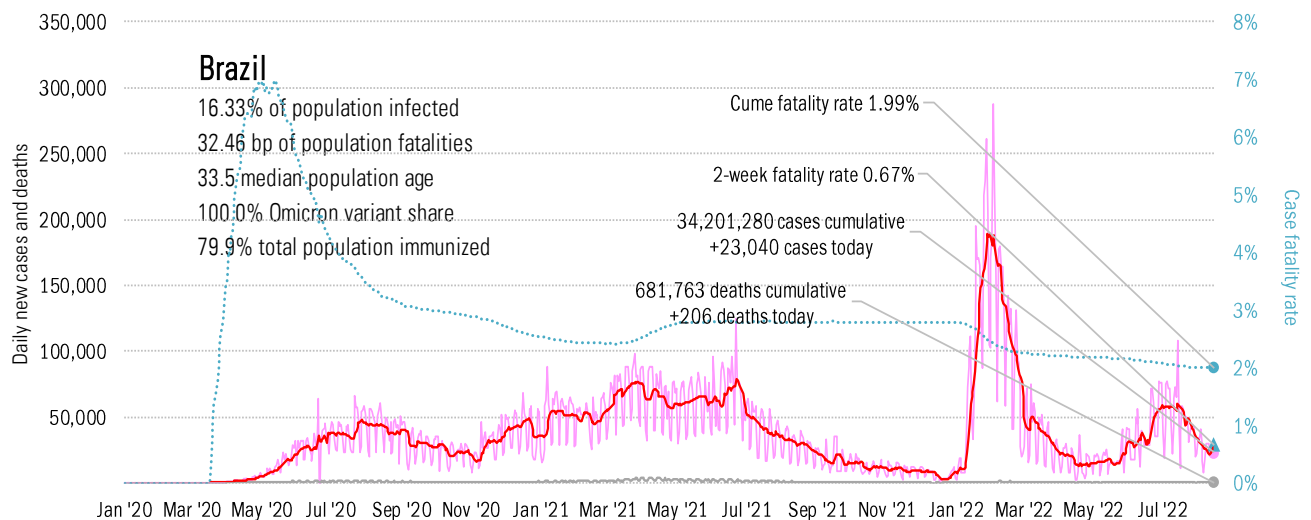
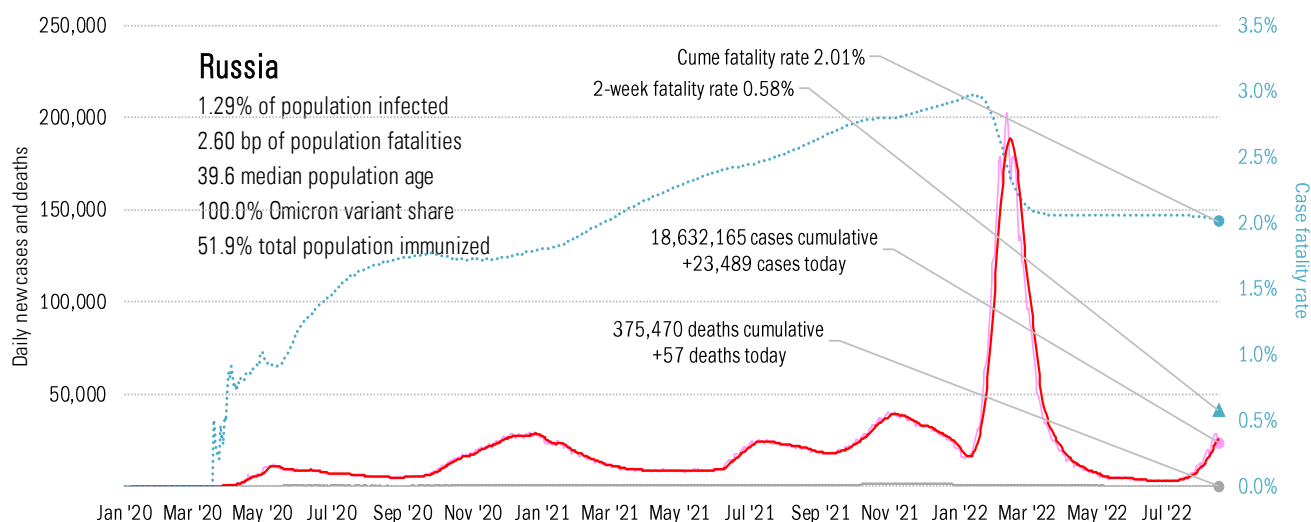
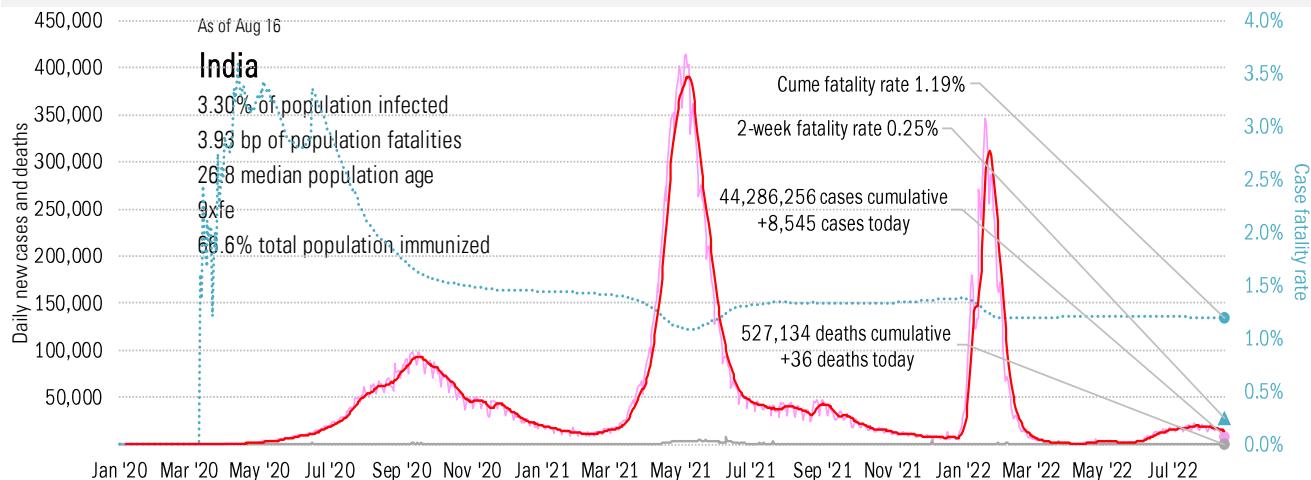
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

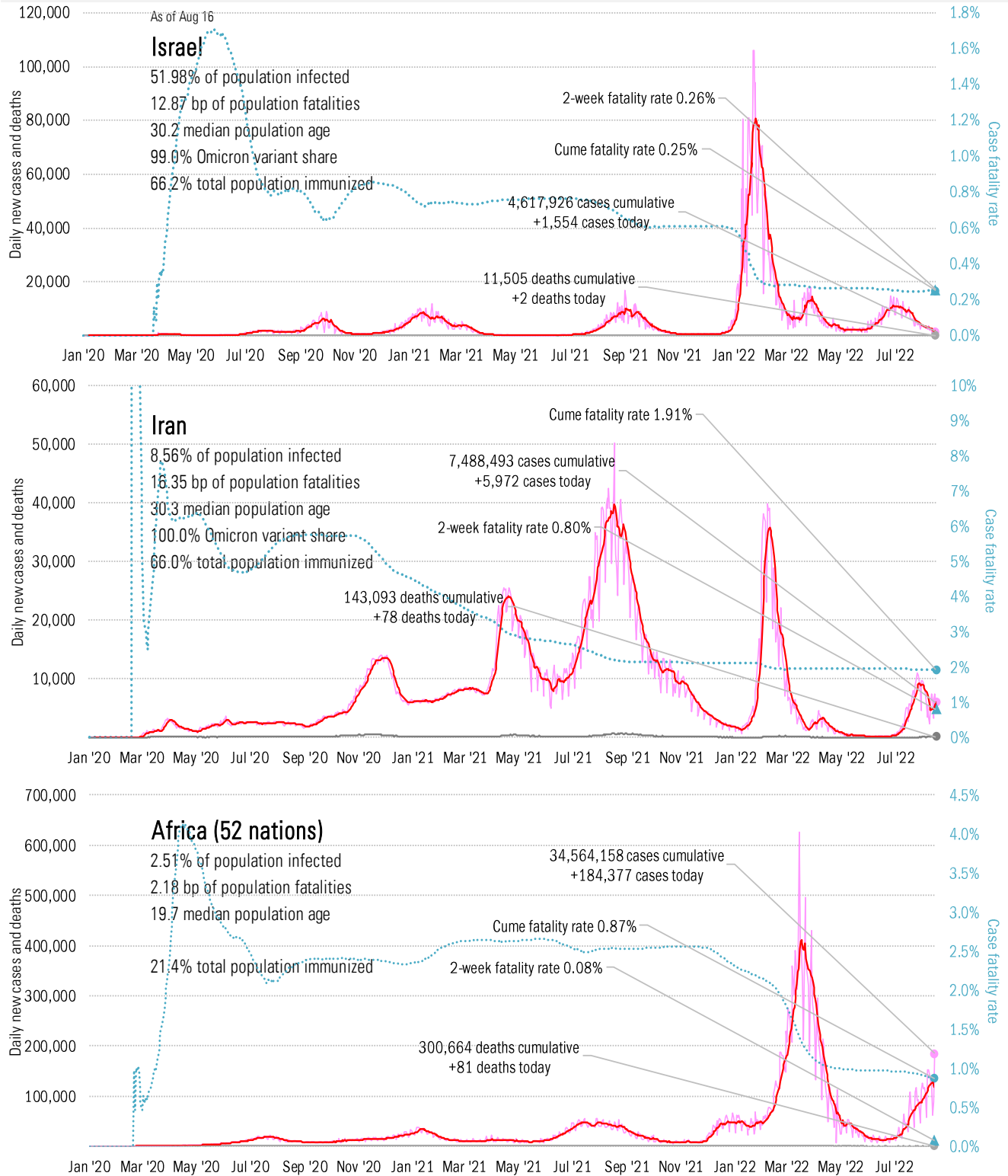
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

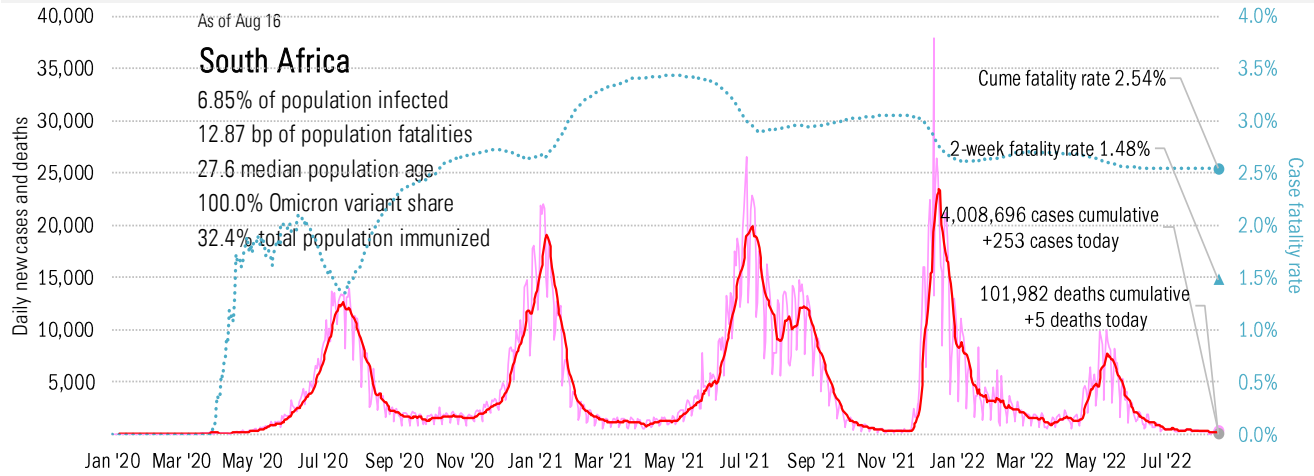
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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