

Data Insights: Covid-2019 Monitor

Monday, August 29, 2022

The global scorecard

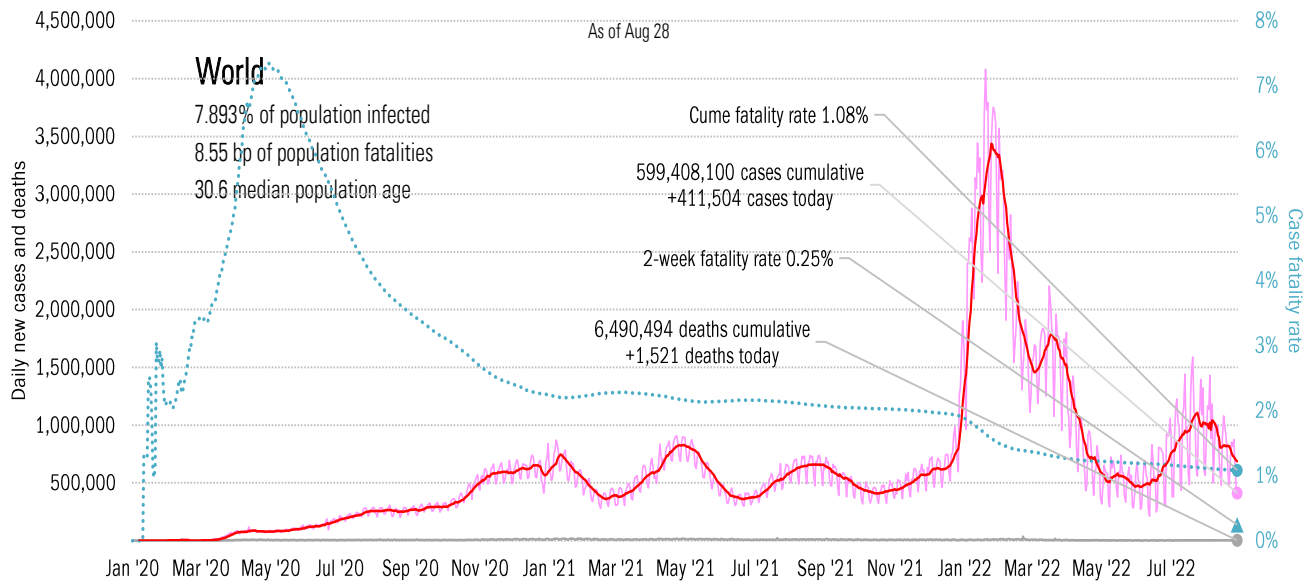
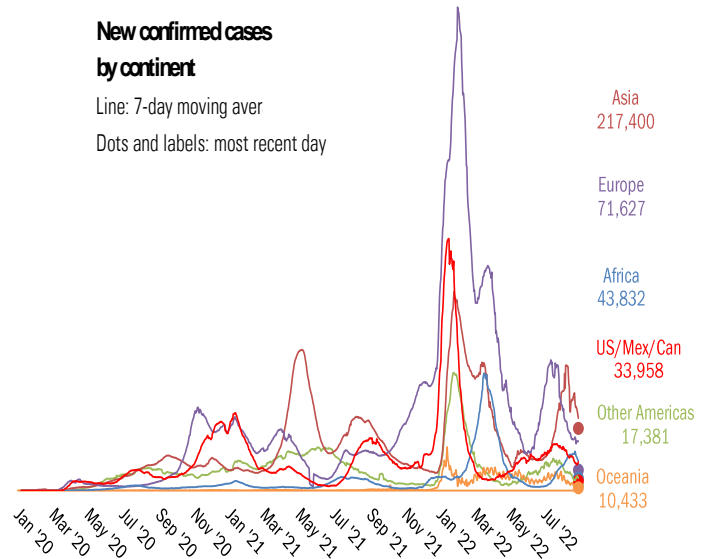
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	157,907	United States	708
Japan	157,756	Japan	221
Russia	46,133	Mexico	101
Korea, South	43,142	Russia	82
Taiwan*	26,735	Argentina	65
Argentina	19,834	Philippines	54
Italy	17,647	Korea, South	49
Mexico	12,920	India	45
Australia	8,688	Iran	44
India	7,591	Italy	41
498,353		1,410	
World	411,504	World	1,521
Top ten	121%	Top ten	93%

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

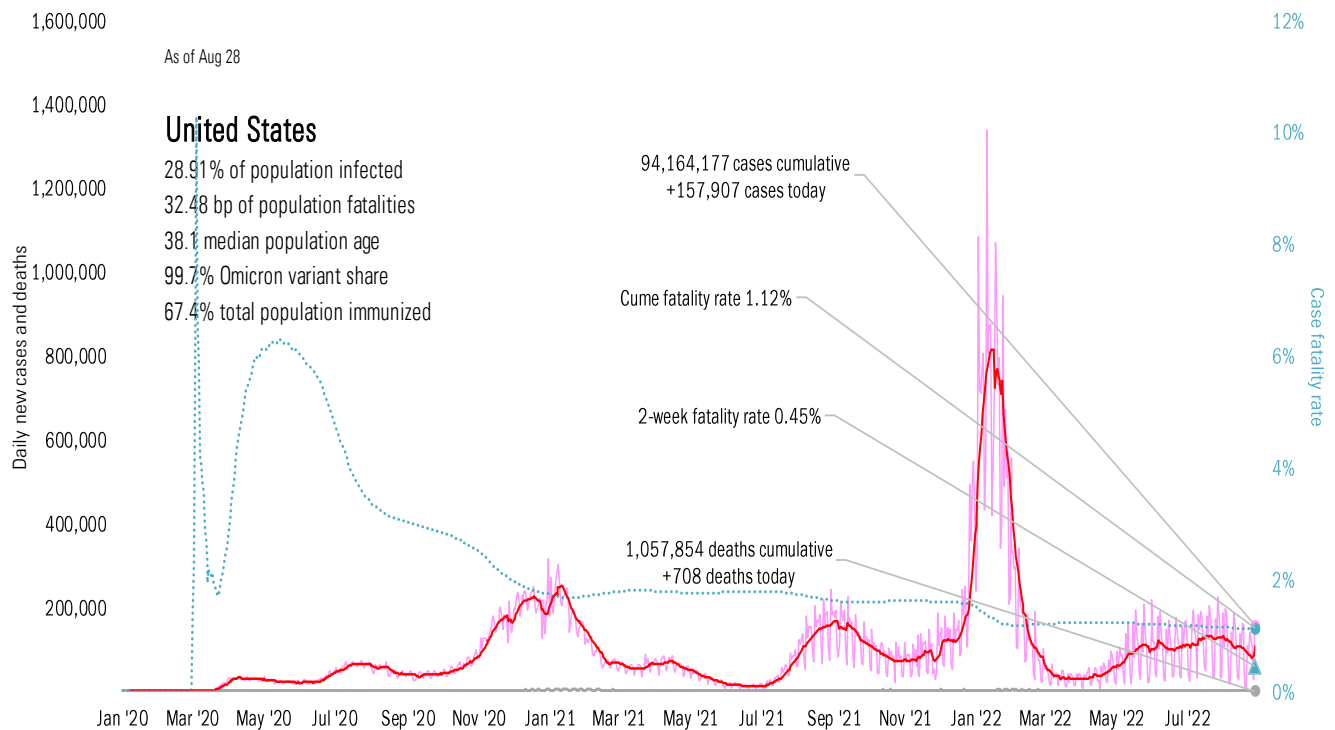
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	31,771		CA	168		TX	462		CA	11,057,328		CA	94,812		TX	535,312		AR	102%	AK	86%
PA	16,099		FL	79		GA	230		TX	7,812,221		TX	90,182		CA	487,099		RI	89%	NM	85%
FL	12,440		TX	43		NC	163		FL	7,013,845		FL	79,608		FL	481,945		MA	87%	AL	84%
TX	9,714		IN	33		IN	140		NY	5,973,533		NY	71,012		NY	290,263		GA	85%	NC	83%
MA	8,796		WA	27		PA	221		IL	3,670,258		PA	46,596		GA	221,724		WA	84%	TX	82%
MO	7,248		MD	25		CA	563		PA	3,167,638		GA	39,632		CH	212,094		MN	84%	WA	82%
KS	4,977		GA	23		MA	121		NC	3,098,923		CH	39,406		PA	198,055		DE	84%	MA	82%
IN	4,831		MO	23		NJ	151		CH	3,049,546		IL	39,284		IL	181,138		MD	83%	VT	82%
TN	4,418		VA	21		AL	105		GA	2,852,706		MI	37,909		MI	157,758		MO	83%	GA	81%
CK	3,854		MI	19		KY	97		MI	2,751,201		NJ	34,529		KY	141,976		H	82%	NE	80%
104,148			461			2,253			50,447,199			572,970			2,907,364						
All states	157,907		708		5,152		All states	94,164,177		1,057,854		5,274,588		All states	70%	67%					
Top ten	66%		65%		44%		Top ten	54%		55%		55%		Median	76%	74%					

Some states not reporting

Five most improved US states

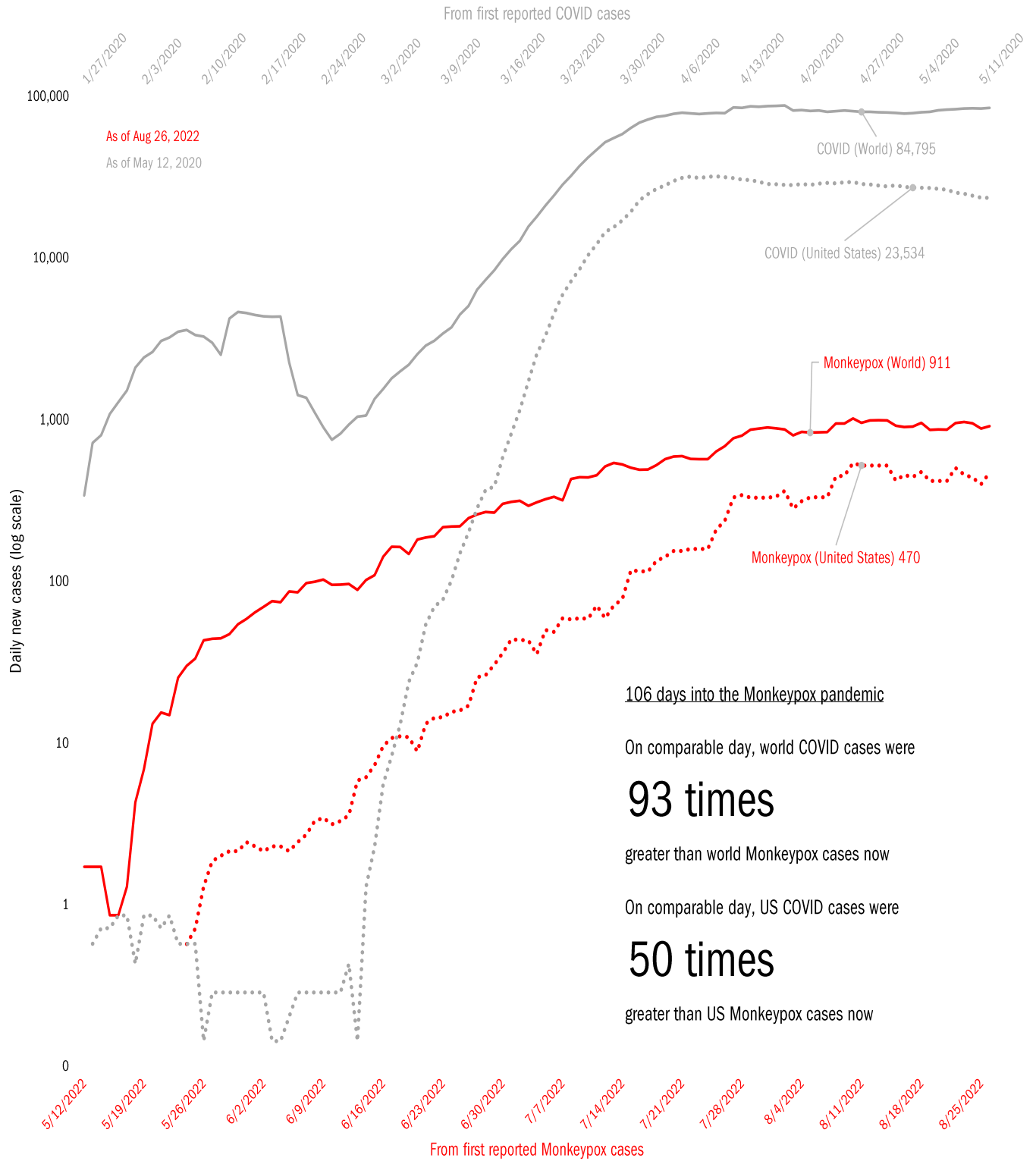
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NJ	-1,022	AK	0	CH	-50
AR	-451	AL	0	VA	-41
CT	-356	AR	0	MN	-33
NY	-137	AZ	0	MI	-23
AK	0	CA	0	NE	-20



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

The Monkeypox contextualizer

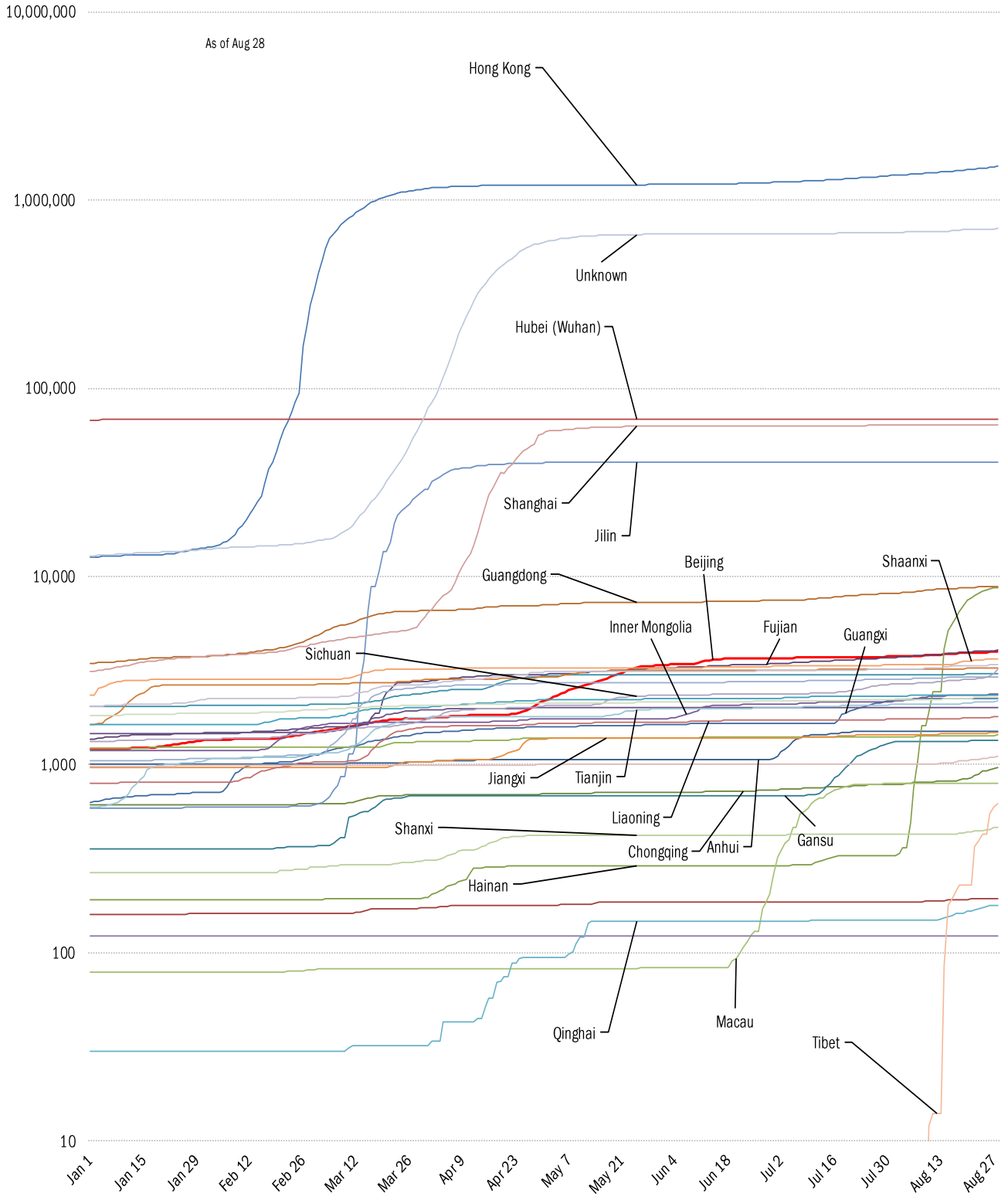
The course of case growth versus COVID



Source: [Our World In Data](#), TrendMacro calculations

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

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

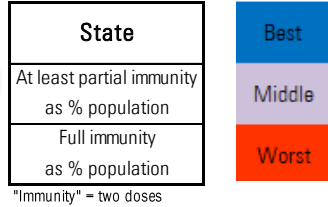
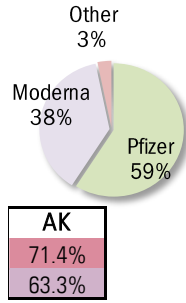


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

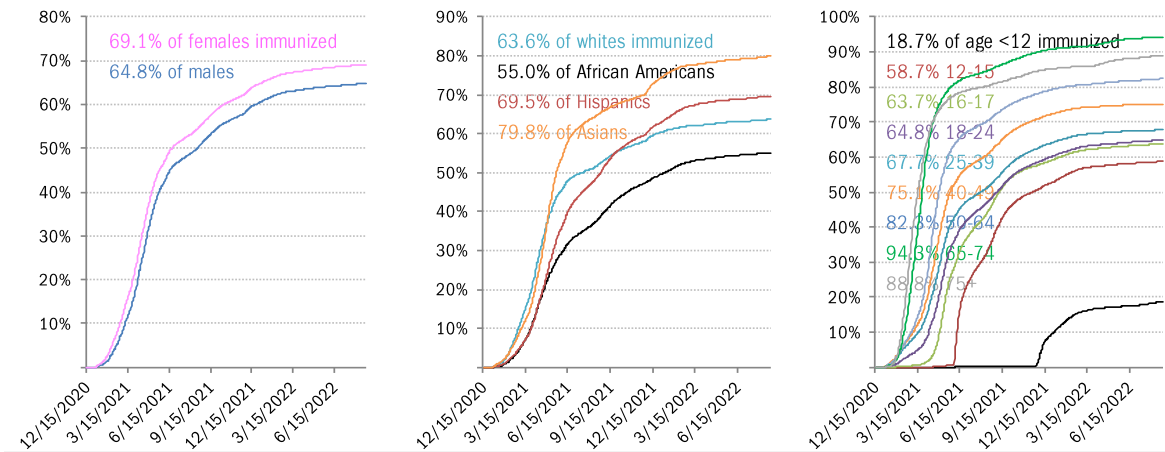
Administered	Cumulative		Today	Immunity	Full	Partial
Doses	624,295,607		+0.198 million	US	67.4%	79.1%
of which boosters	110,660,827		+0.048 million	UK	75.3%	79.9%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	270,806,258	81%	230,434,360	69%	+0.034 million	France 78.7% 80.9%
Age 12 to 17	18,123,872	72%	15,482,720	61%	+0.003 million	Spain 85.6% 86.9%
Age 18 to 64	180,801,270	89%	153,587,488	76%	+0.015 million	Germany 76.1% 77.6%
Age 65 and over	59,698,554	100%	52,224,169	95%	+0.004 million	Italy 81.0% 85.8%
						Australia 83.9% 86.5%
						Israel 66.2% 72.3%
						Canada 82.7% 86.3%
						Japan 82.4% 83.5%
						Africa 21.7% 27.6%
						India 66.8% 72.8%
						Brazil 80.0% 87.0%
						China 89.0% 91.3%



As of Aug 25

State	Best	Middle	Worst
AK	71.4%	63.3%	
WI	73.2%	66.6%	
ME	93.1%	81.2%	
NY	91.9%	82.7%	
VT	95.0%	82.7%	
NH	90.5%	72.3%	
OR	79.3%	70.7%	
NV	76.9%	61.9%	
WY	59.2%	51.8%	
SD	79.1%	63.6%	
IA	69.1%	62.9%	
IN	63.1%	56.8%	
OH	64.4%	59.3%	
PA	87.4%	70.5%	
NJ	92.3%	77.1%	
MA	95.0%	80.7%	
CA	84.0%	73.4%	
UT	73.6%	65.3%	
CO	81.3%	71.5%	
NE	71.6%	64.7%	
MO	67.6%	57.3%	
KY	67.4%	58.4%	
WV	66.2%	58.6%	
VA	87.7%	74.5%	
MD	88.8%	77.2%	
CT	95.0%	80.7%	
RI	95.0%	84.8%	
AZ	75.4%	63.1%	
NM	90.3%	72.7%	
KS	74.1%	63.3%	
AR	68.1%	55.5%	
TN	63.3%	55.4%	
NC	87.2%	63.4%	
SC	69.3%	58.3%	
DC	95.0%	78.6%	
DE	85.2%	70.8%	
OK	72.6%	58.6%	
LA	62.0%	54.3%	
MS	60.8%	52.9%	
AL	63.9%	52.1%	
GA	66.9%	56.0%	
HI	89.4%	79.7%	
TX	74.4%	61.6%	
FL	80.8%	68.1%	
PR	95.0%	84.3%	

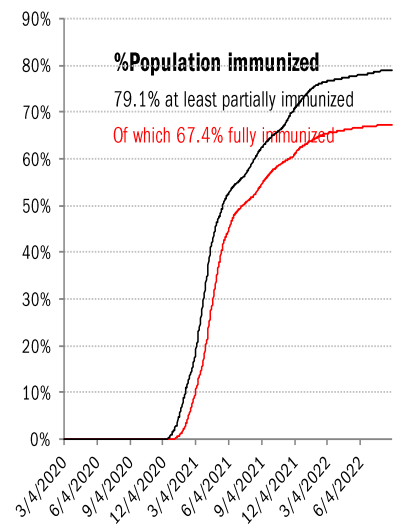
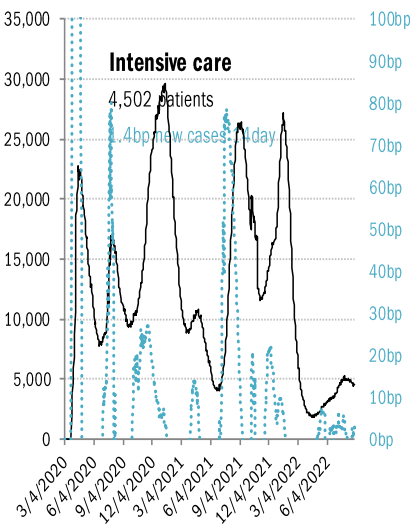
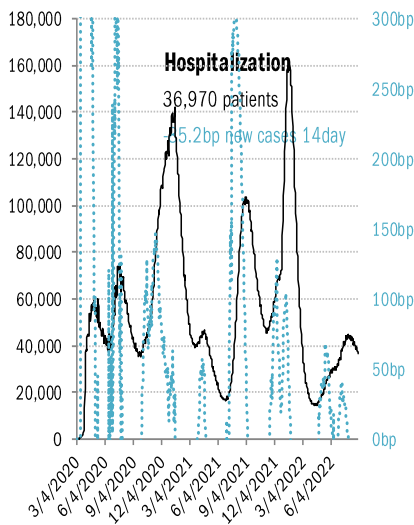
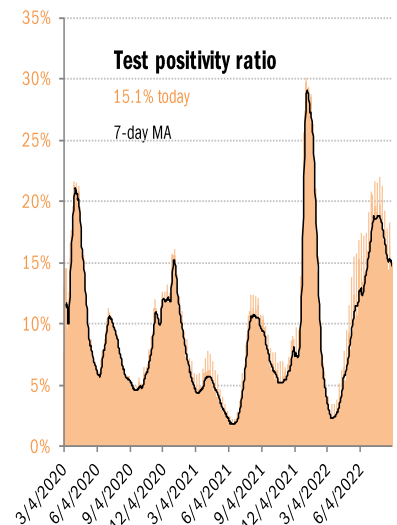
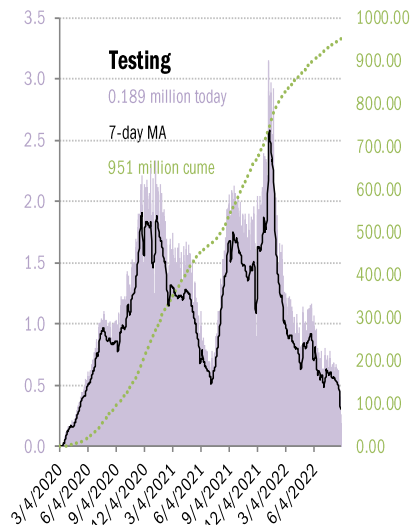
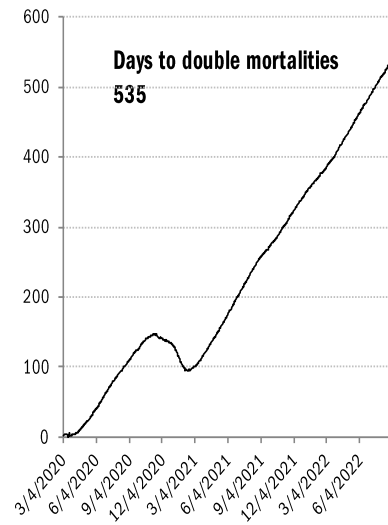
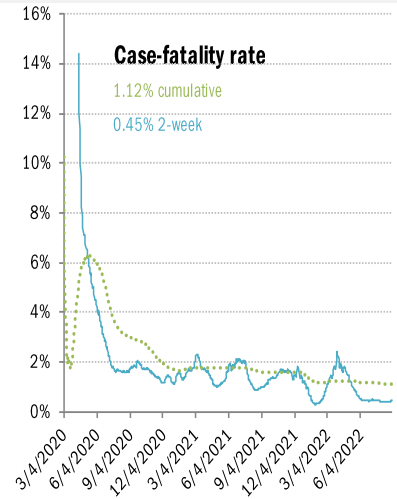
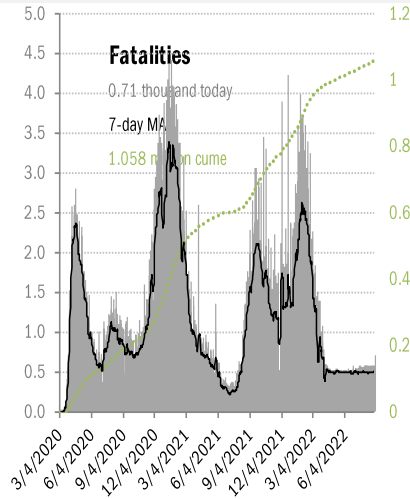
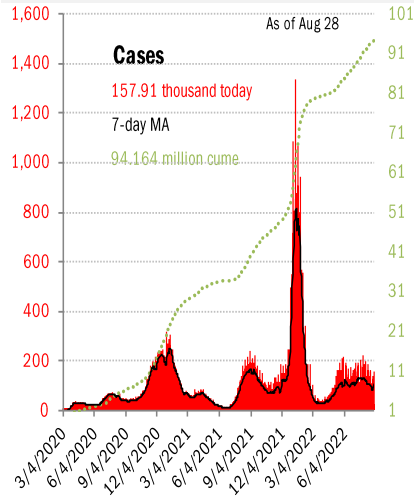
The demographics of US vaccination



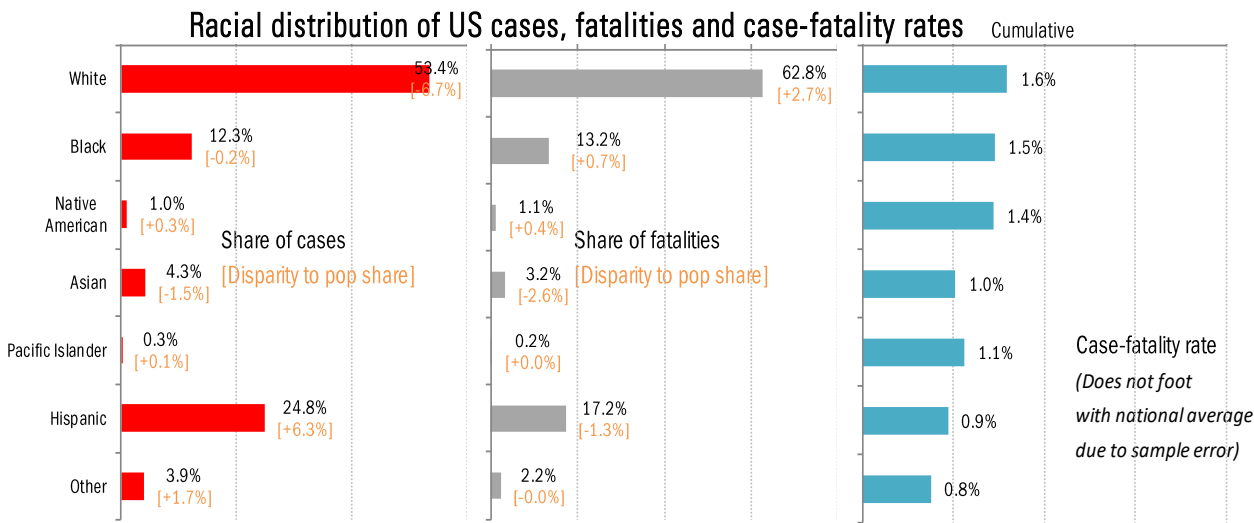
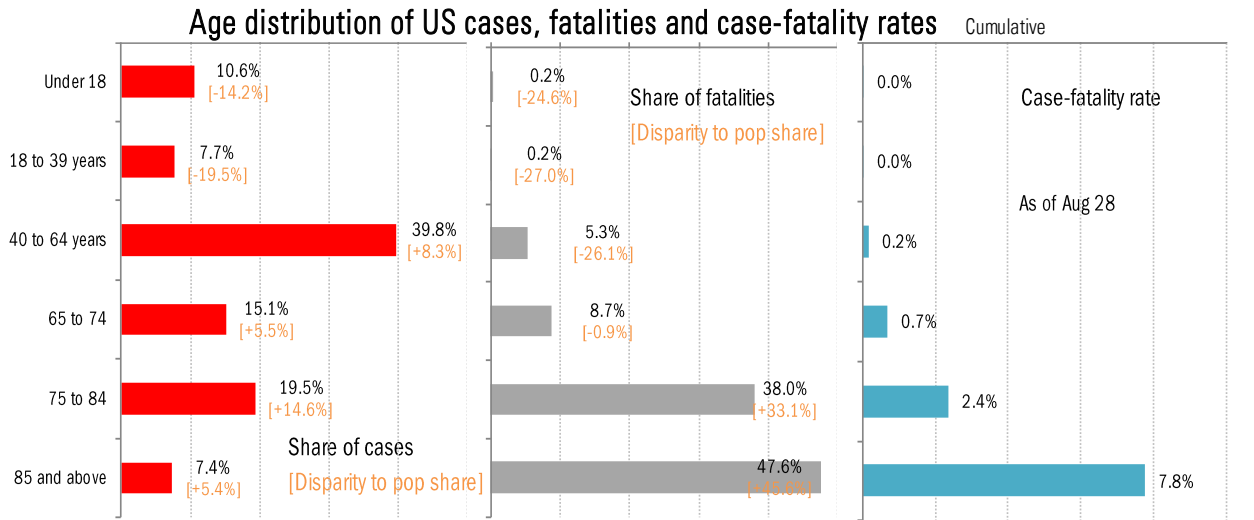
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

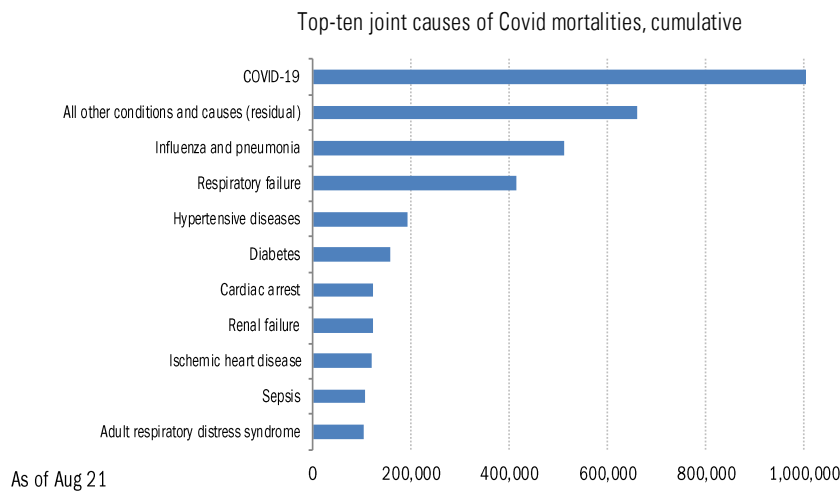
National and state-by-state data do not line up because of different sources



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

[US government to end free at-home Covid test program this week](#)

Nadia Kounang and Donald Judd
CNN
August 28, 2022

[What Monkeypox Outbreak? Little Planning by Colleges as Students Resume Classes](#)

Jennifer Shutt
Ohio Capital Journal
August 27, 2022

[Fall Vaccination Campaign Will Bring New Shots, Worse Access](#)

Benjamin Mueller
New York Times
August 28, 2022

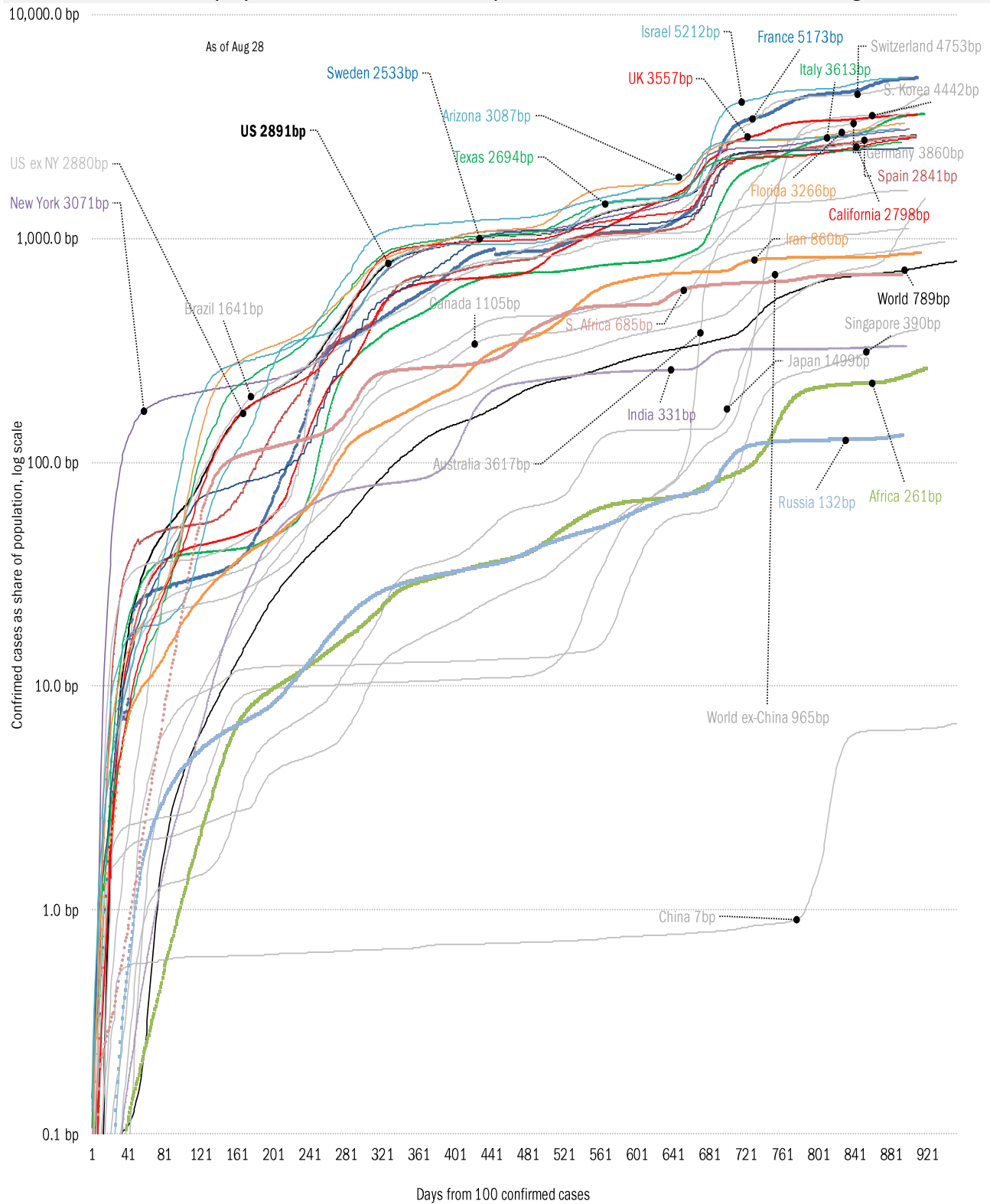
Meme of the day



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

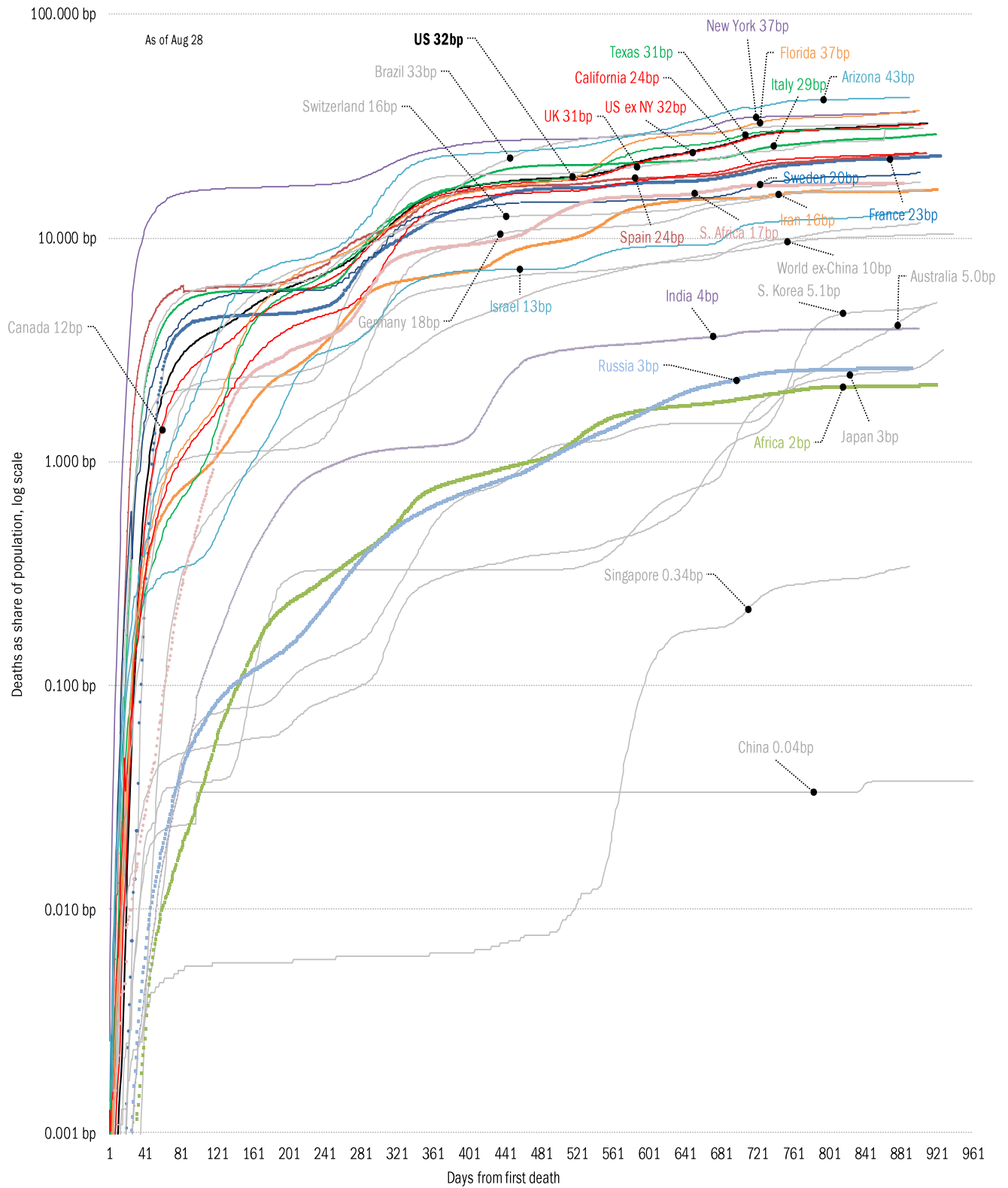
The global coronavirus case accelerometer... tracking the world's infection curves

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

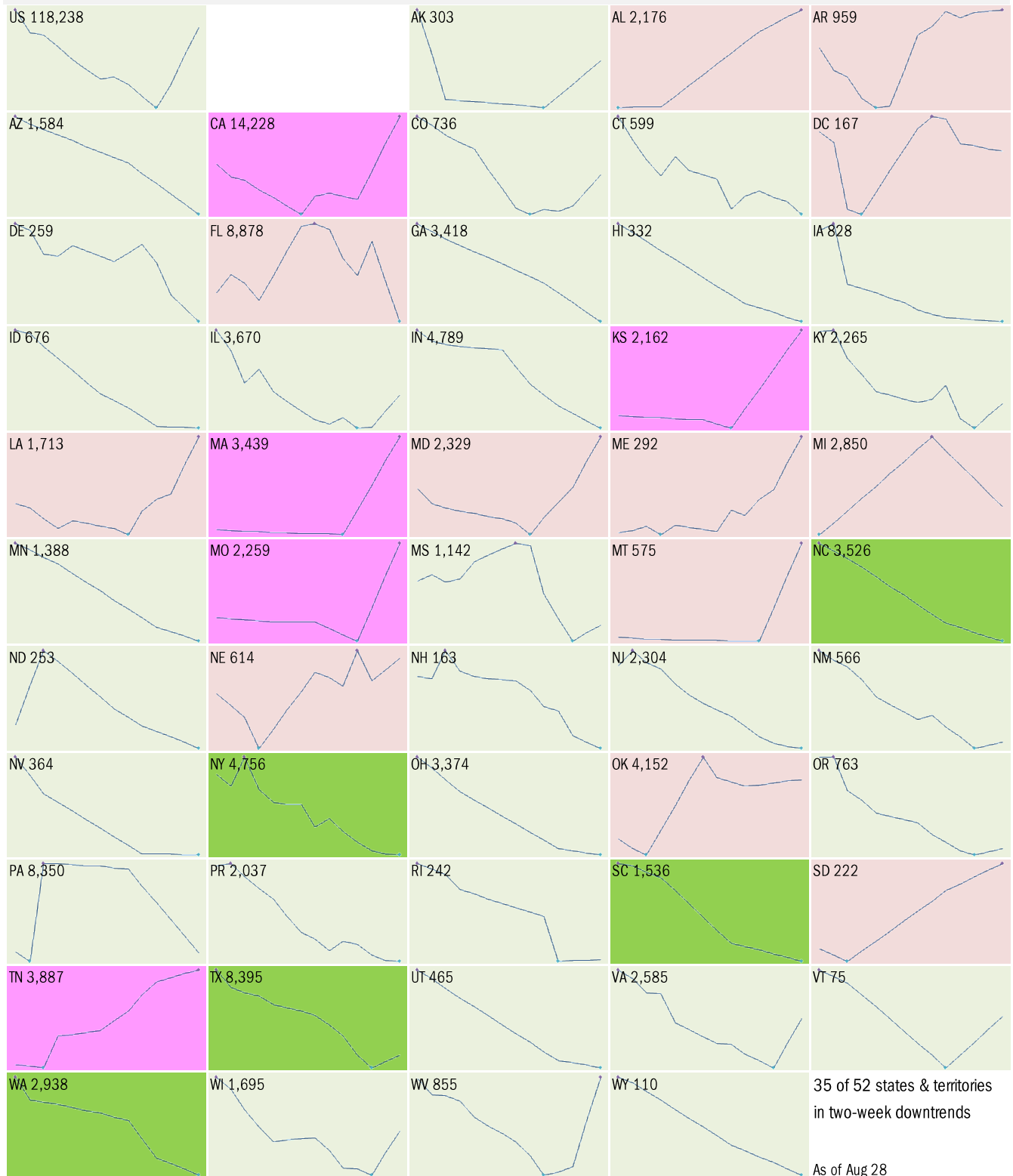


Source: [Johns Hopkins](#), TrendMacro calculations

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

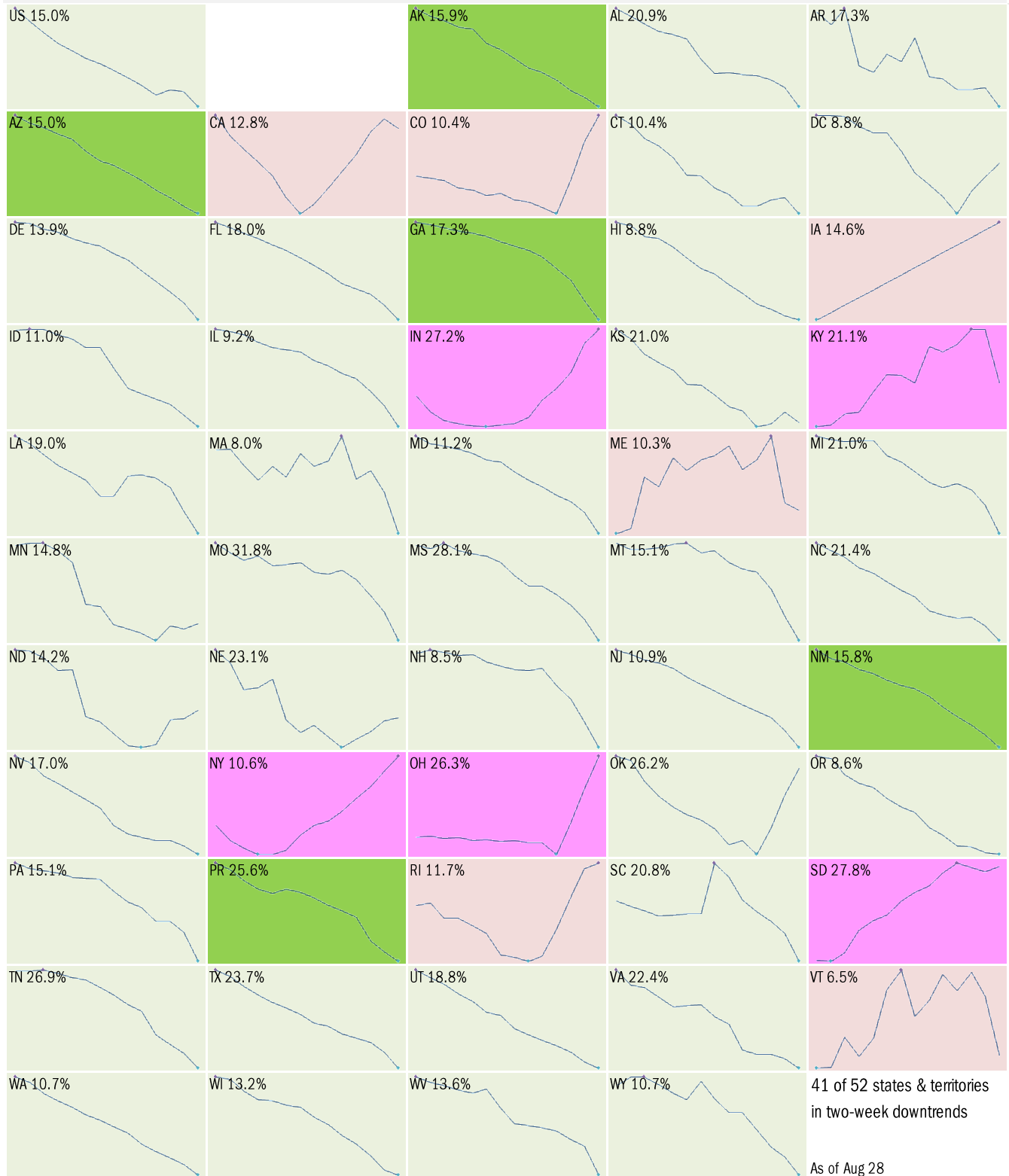


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

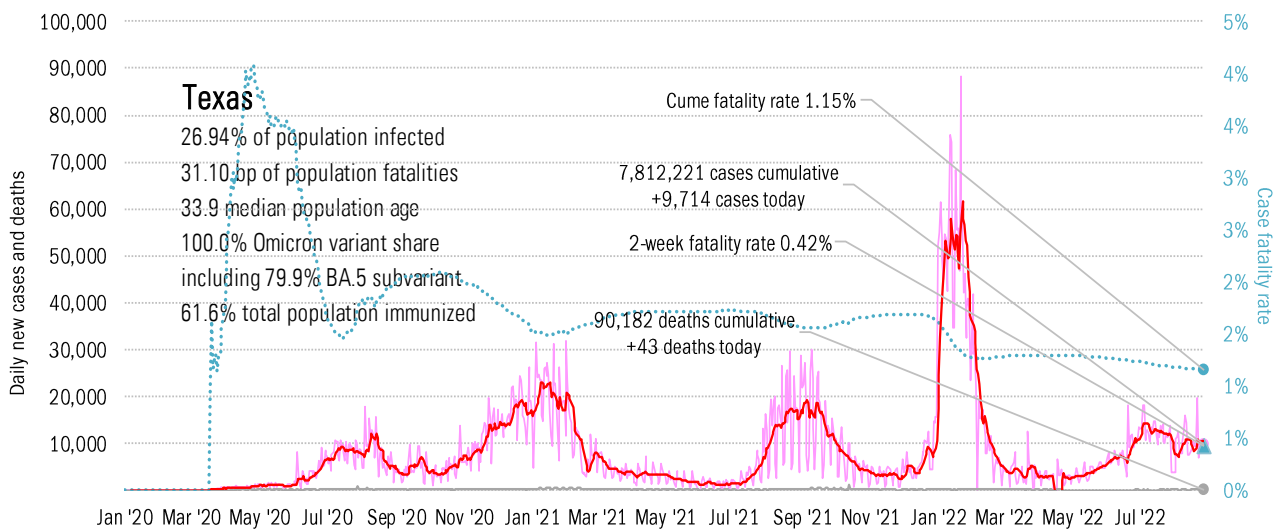
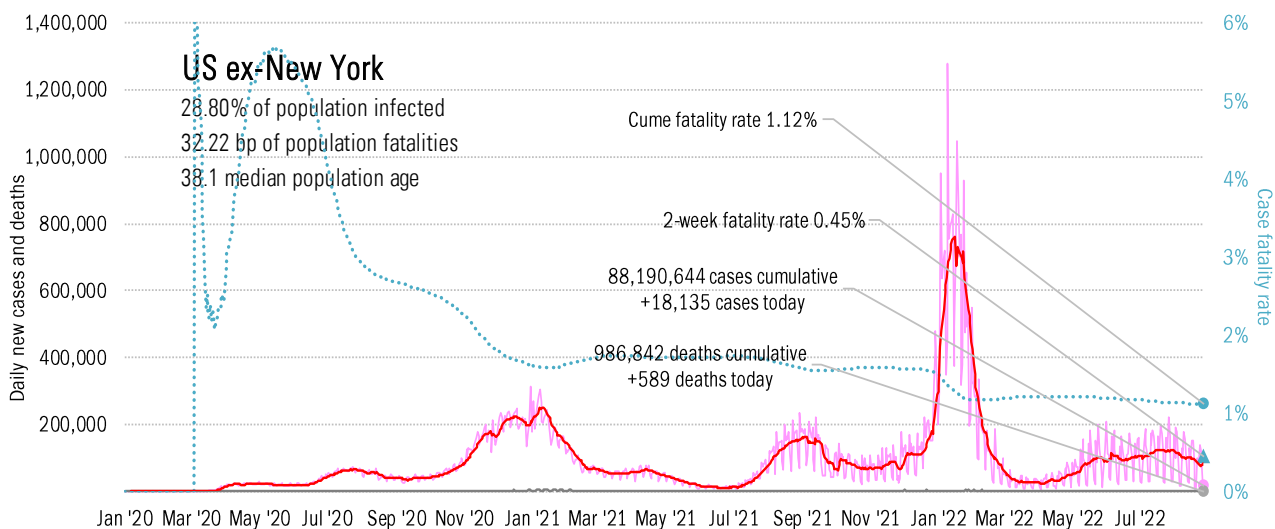
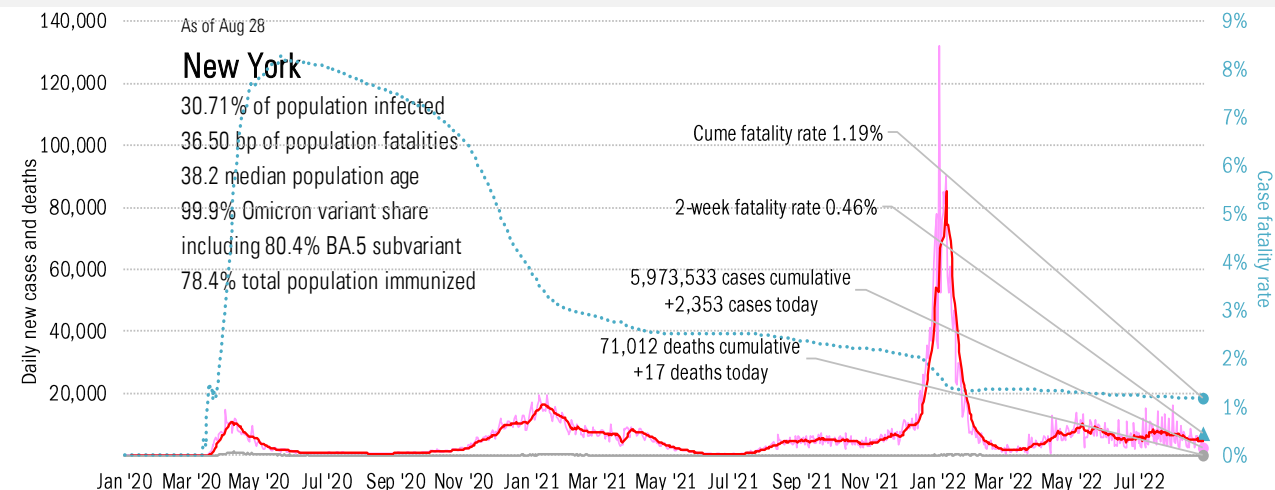
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

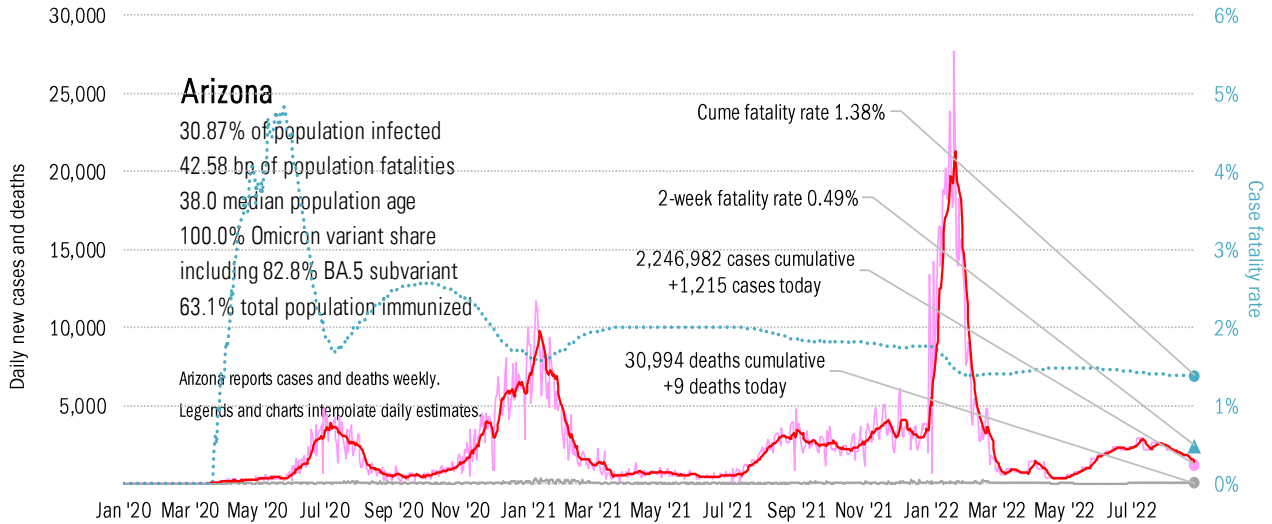
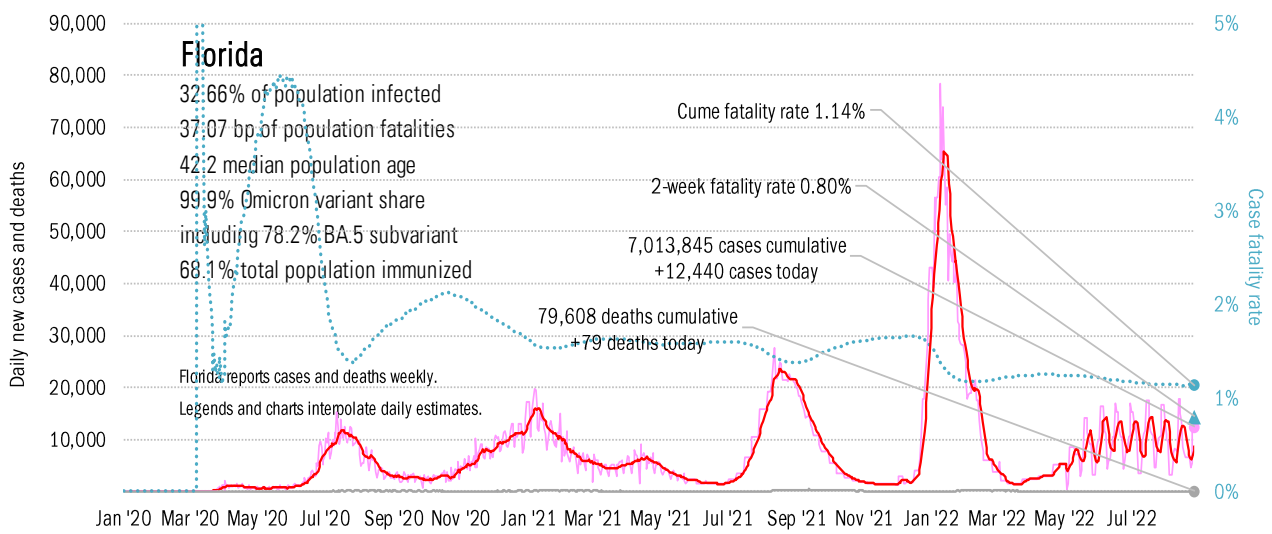
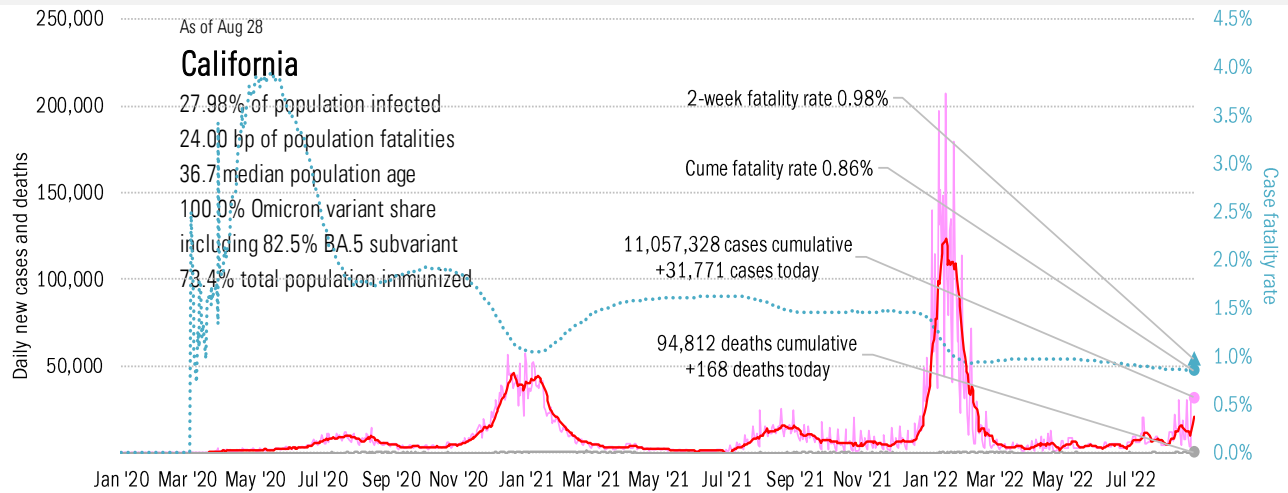
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

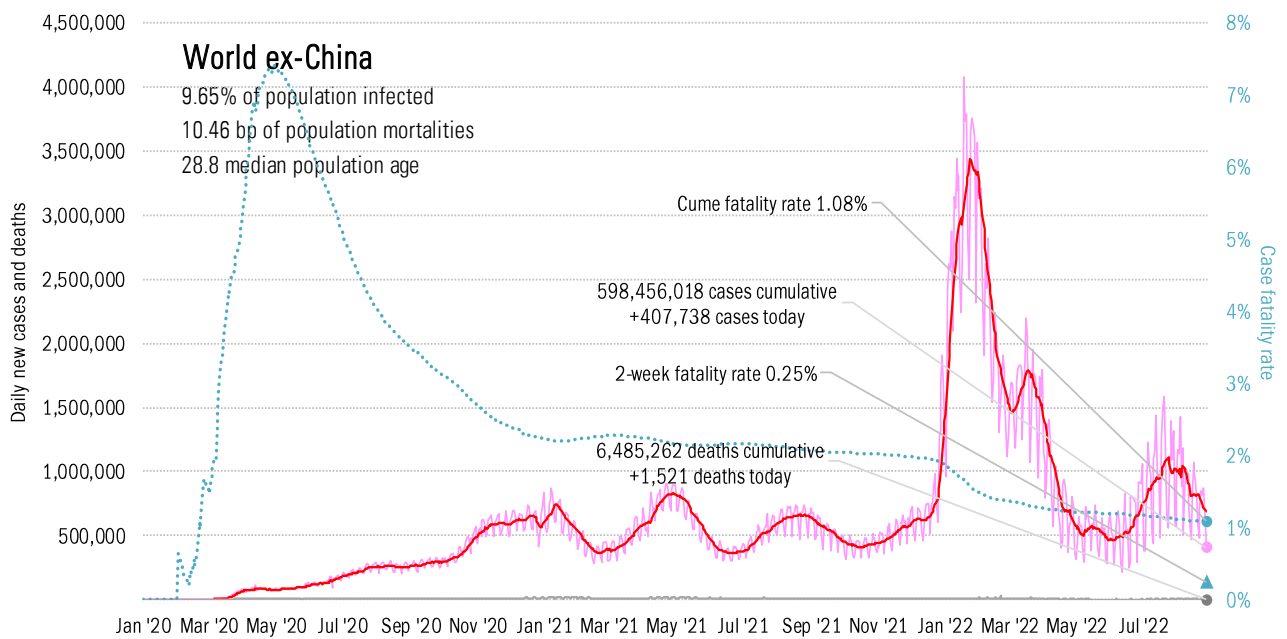
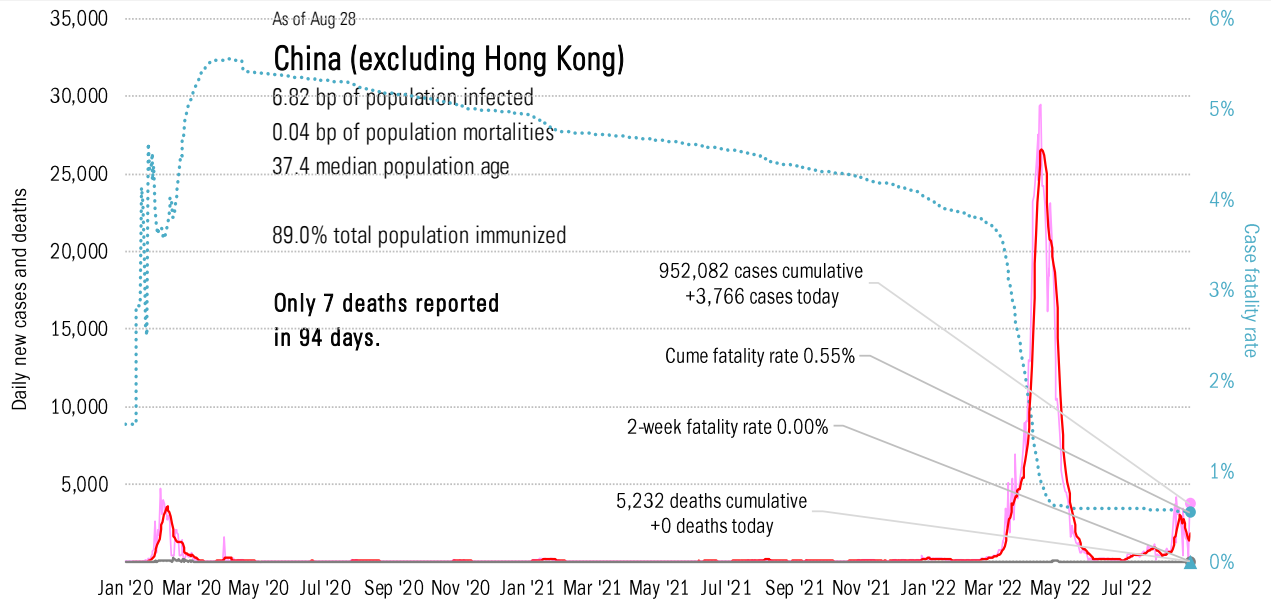
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

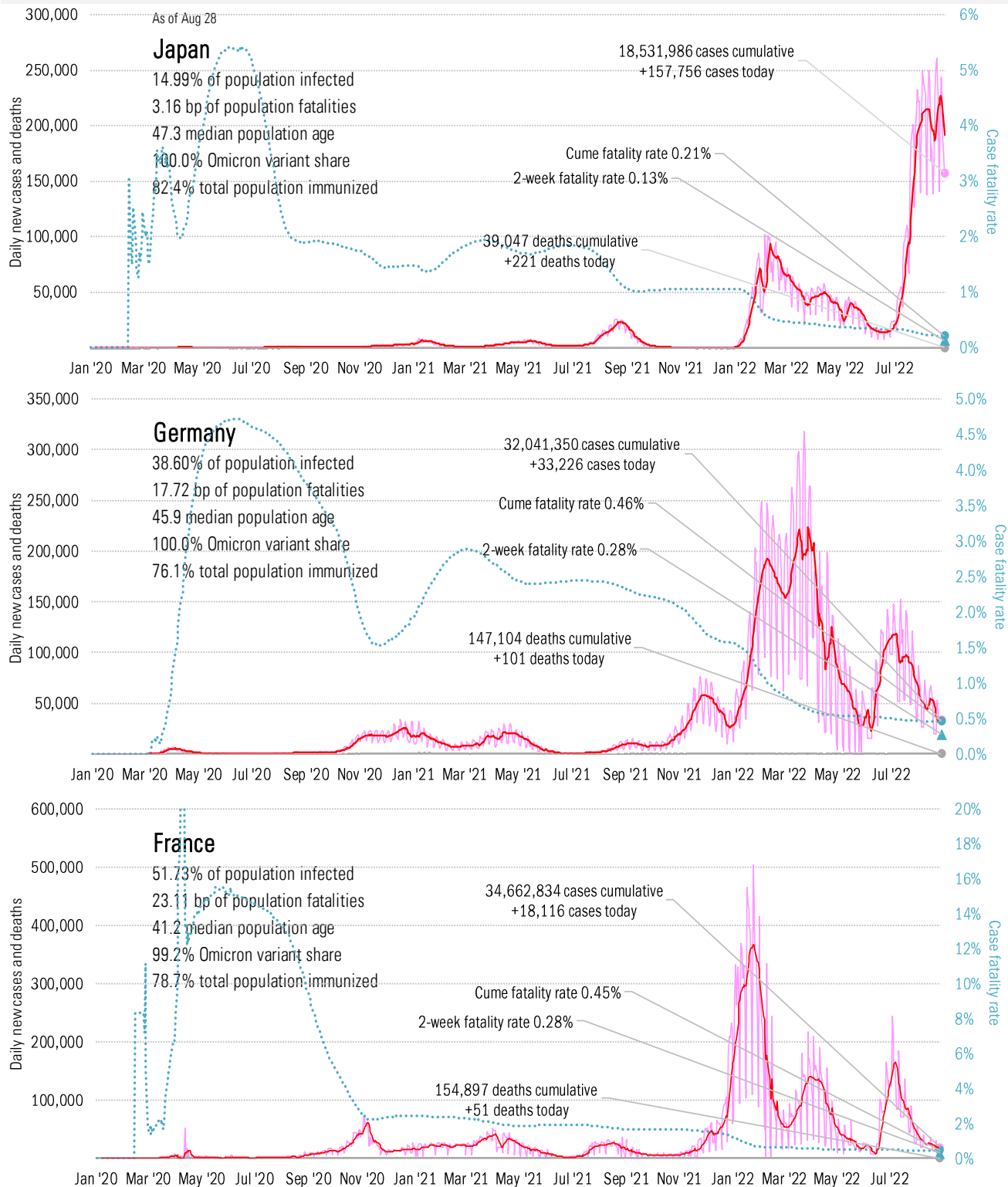
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

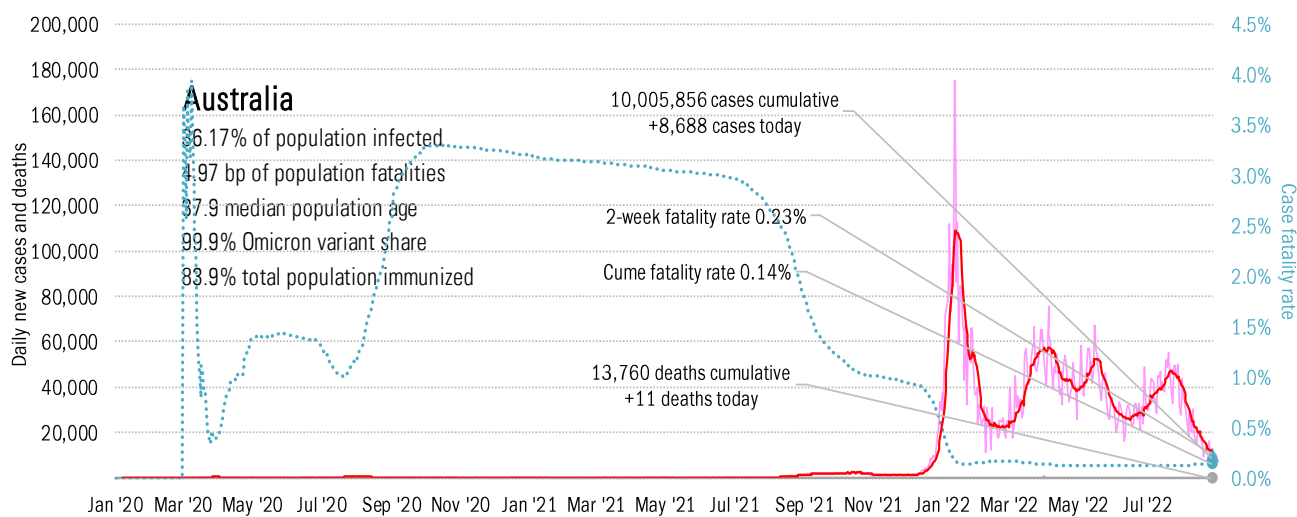
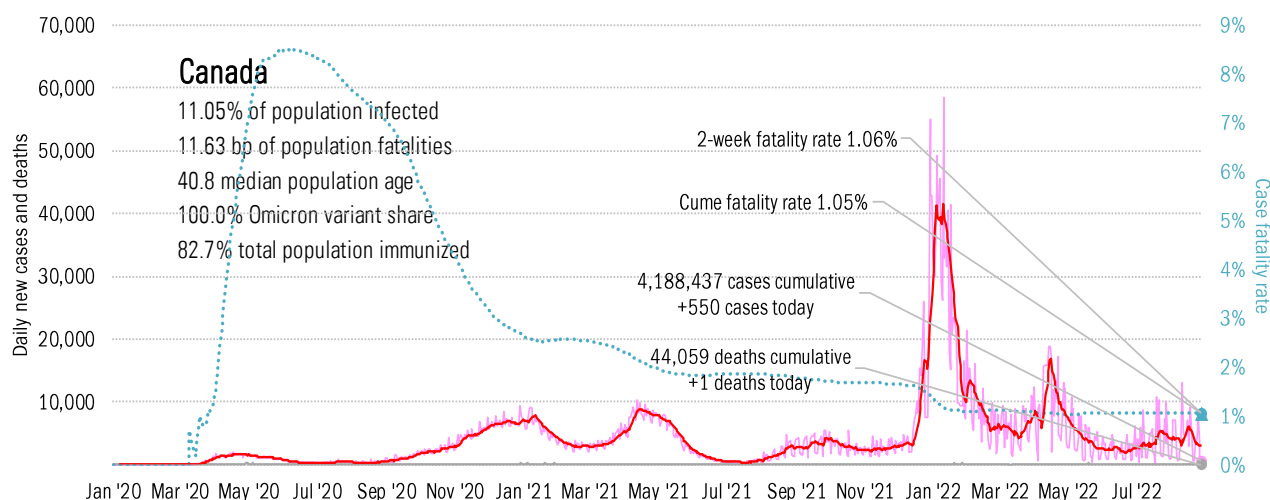
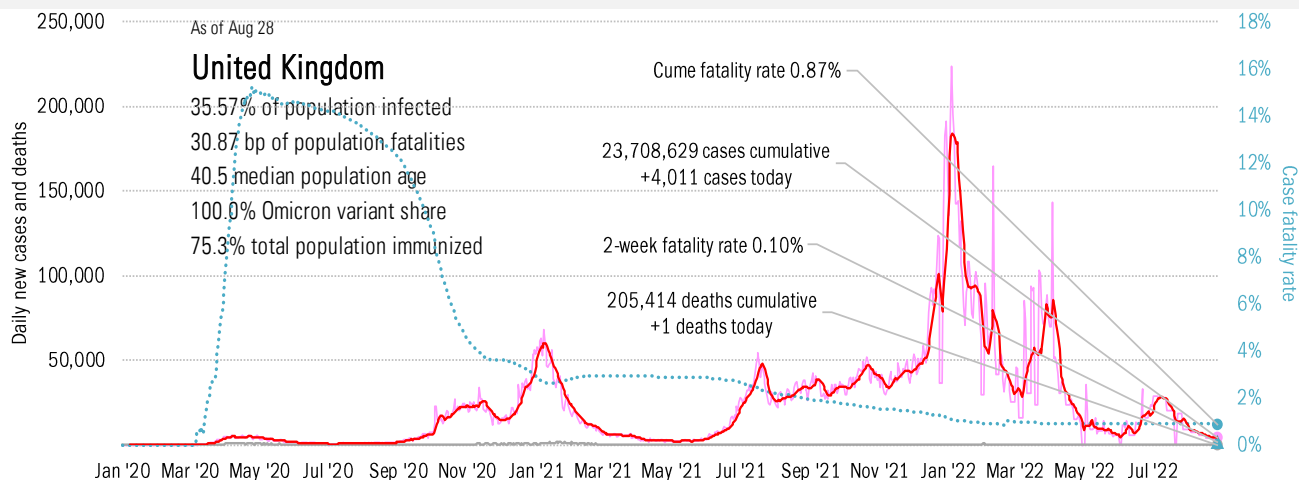
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

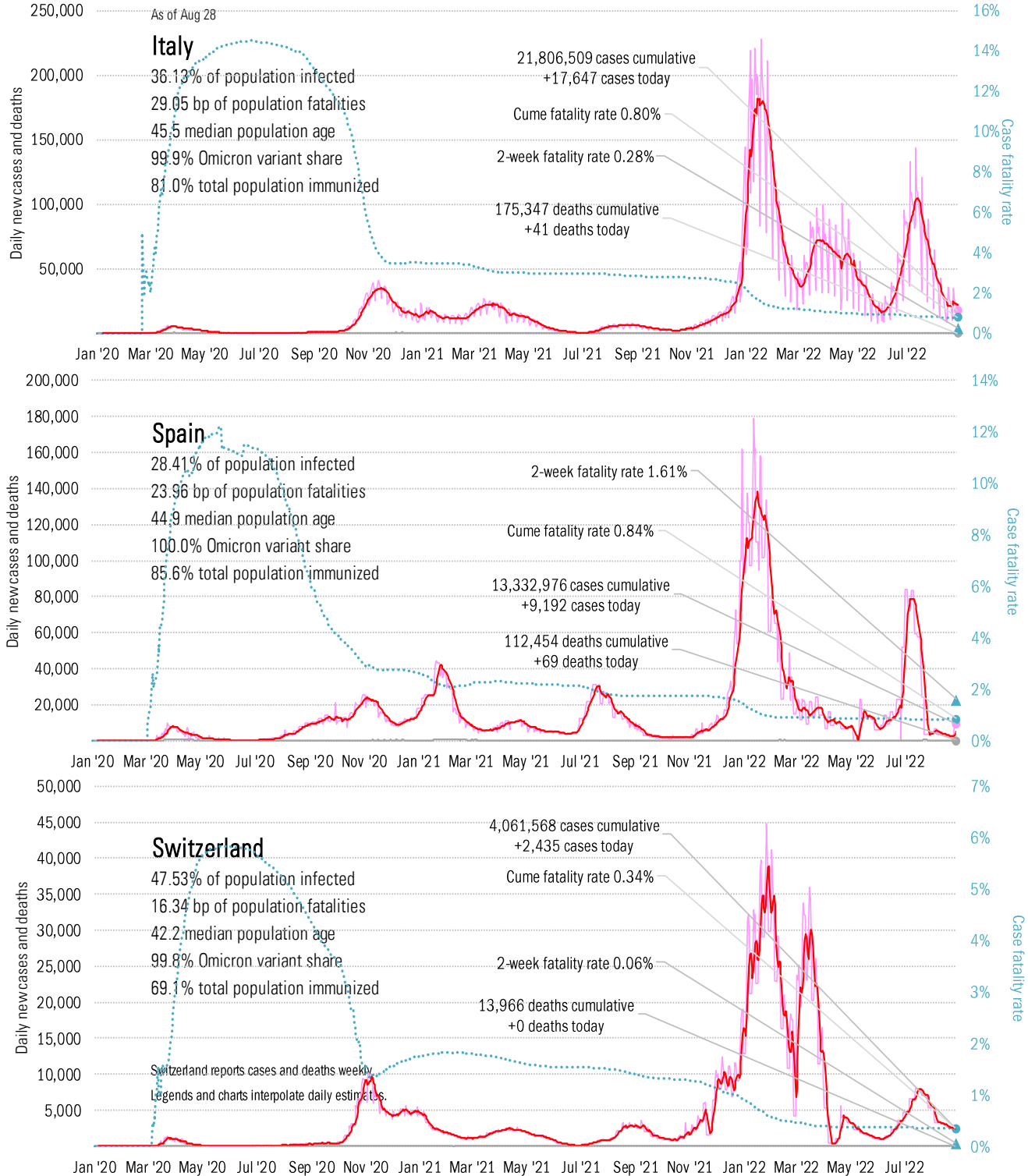
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

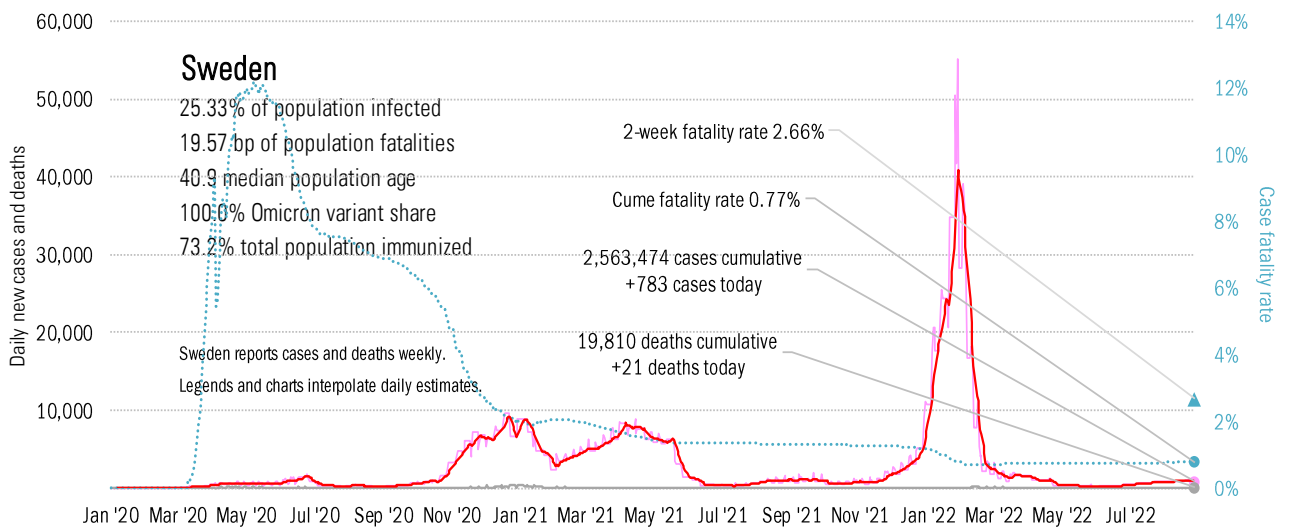
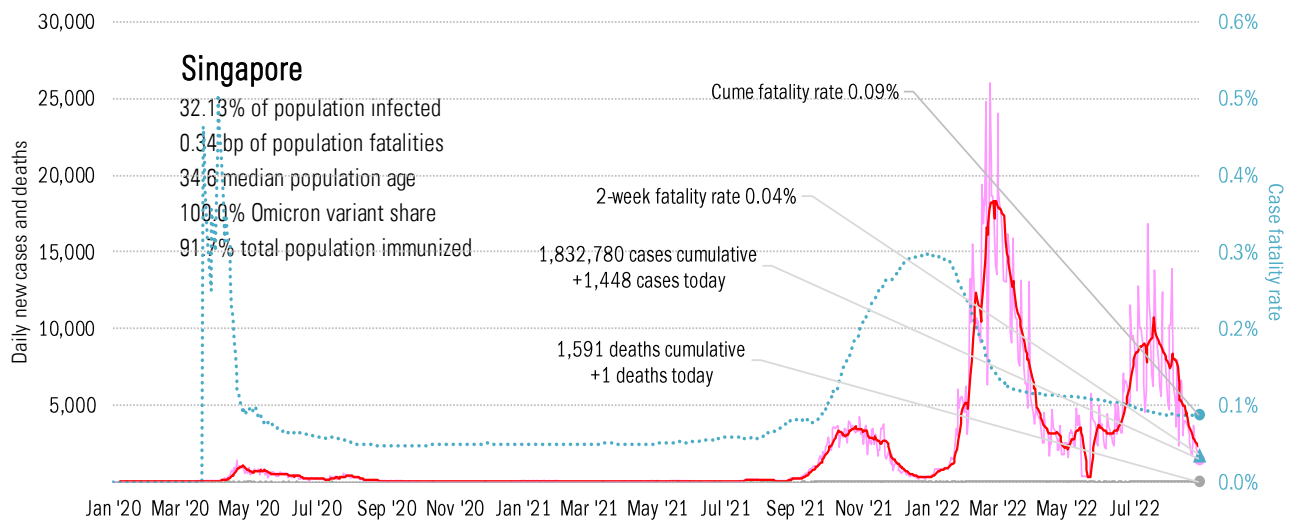
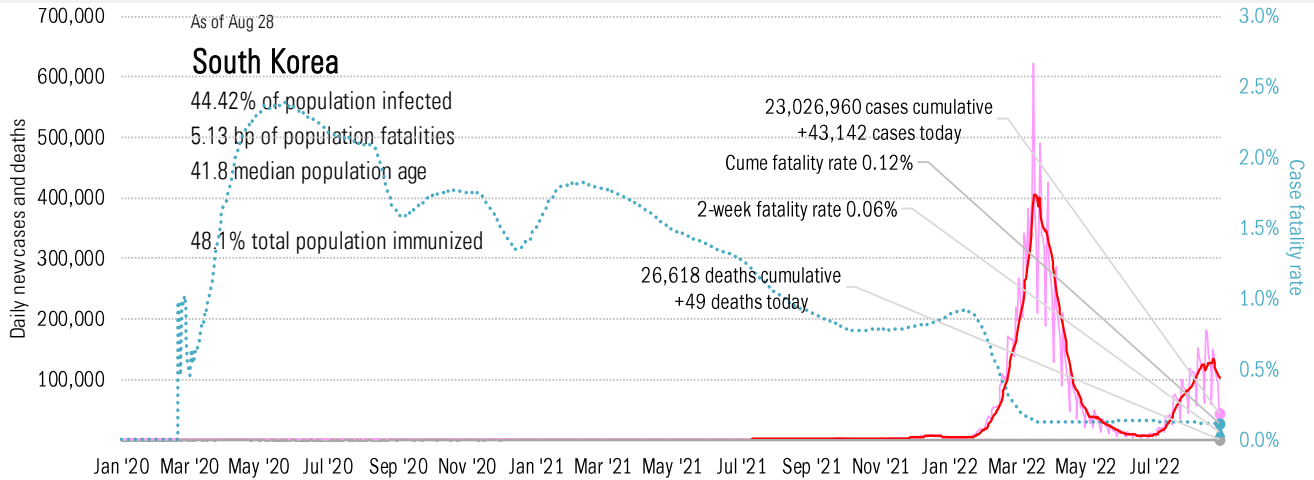
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

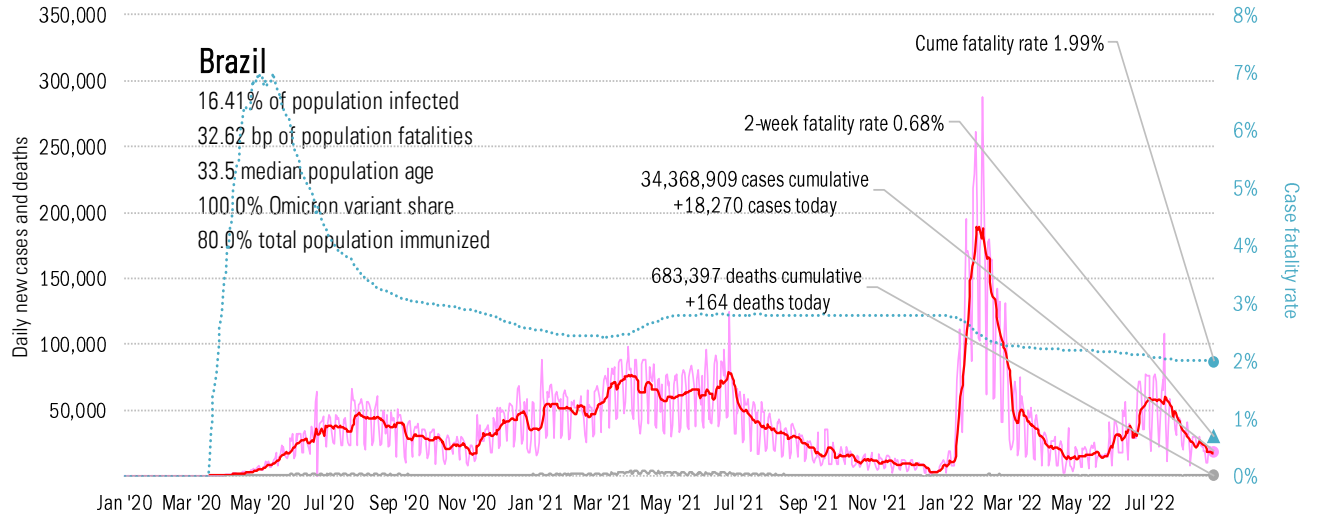
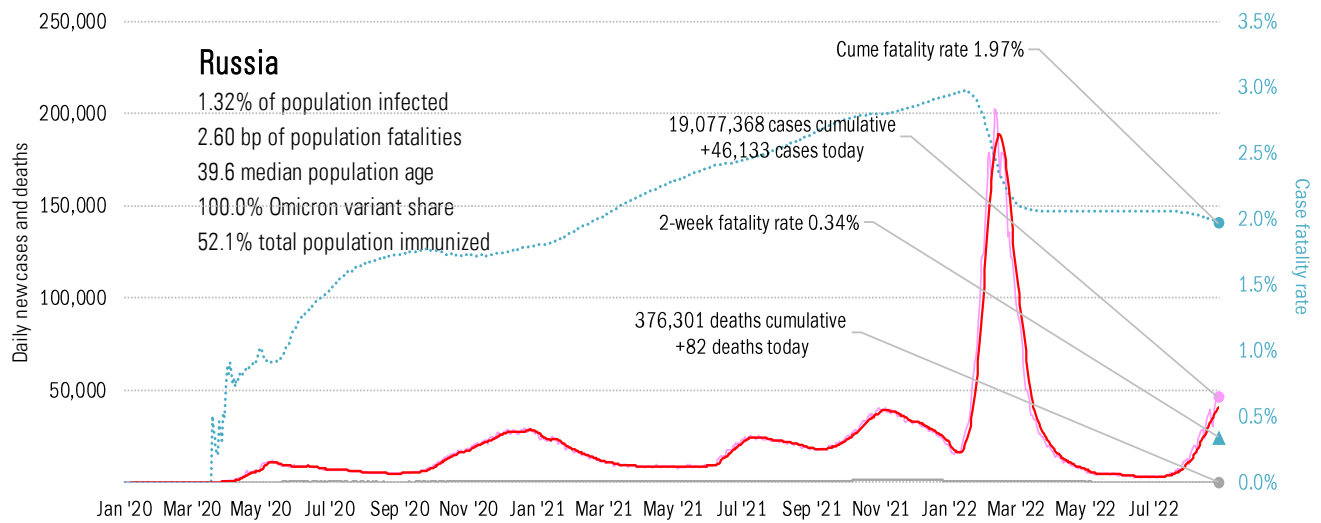
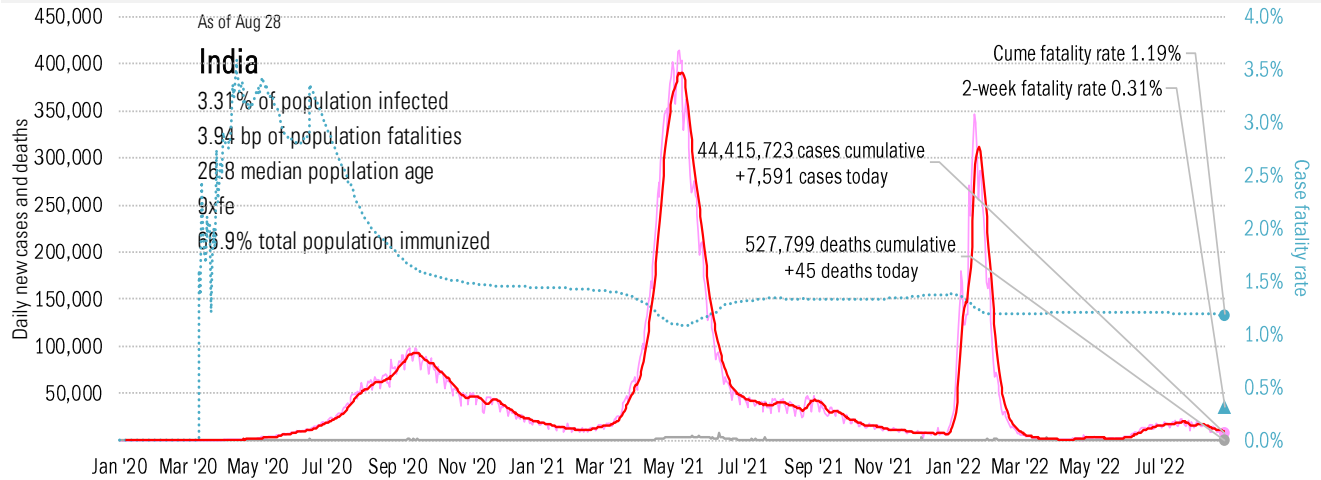
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

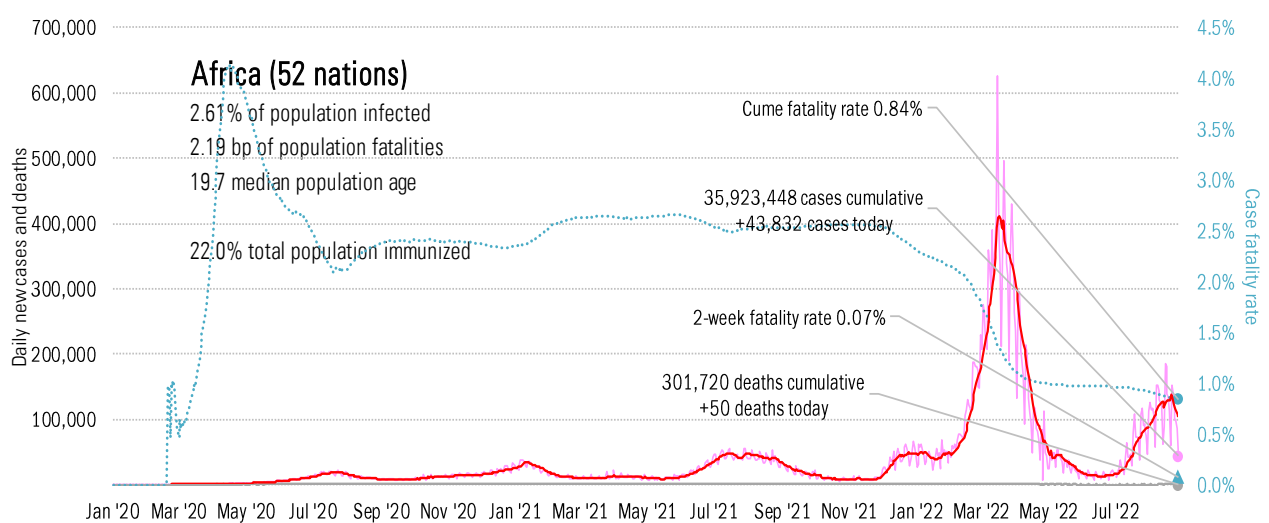
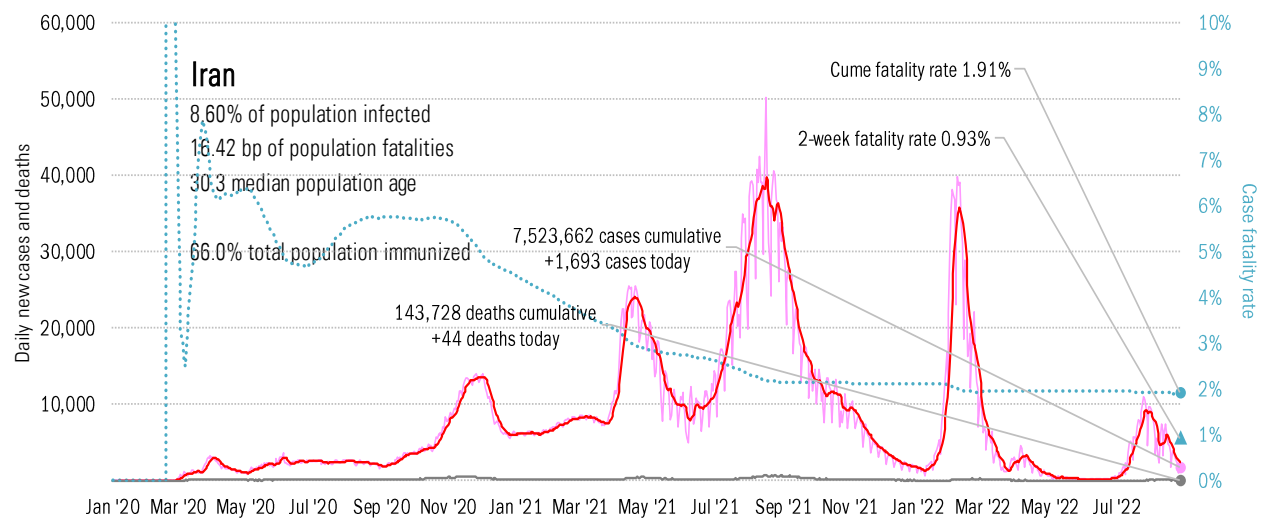
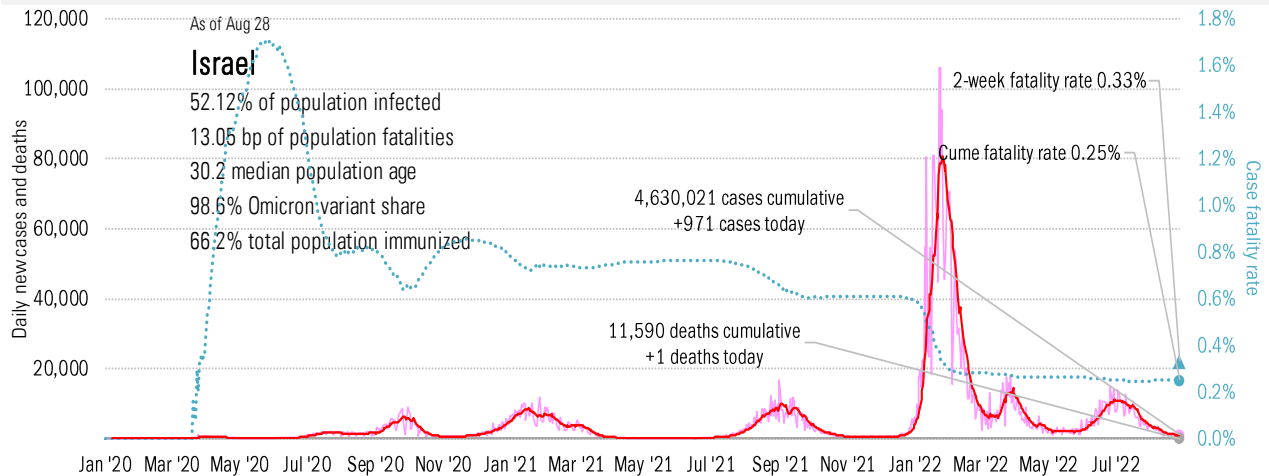
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

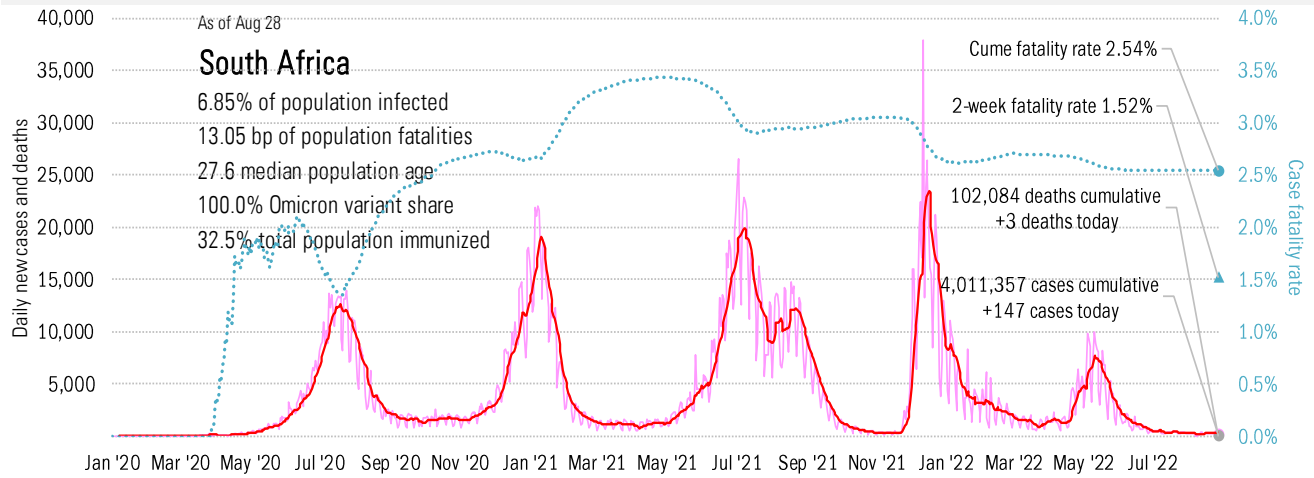
Cases: **7-day average** and **daily** Deaths: **Daily**



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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