

Data Insights: Covid-2019 Monitor

Tuesday, August 30, 2022

The global scorecard

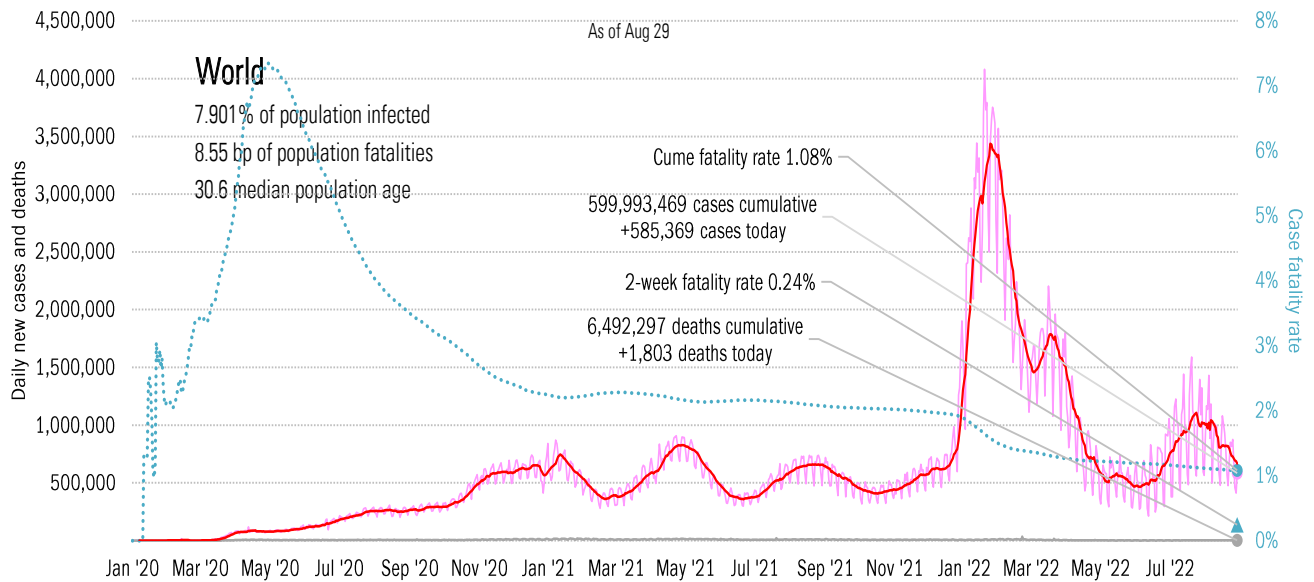
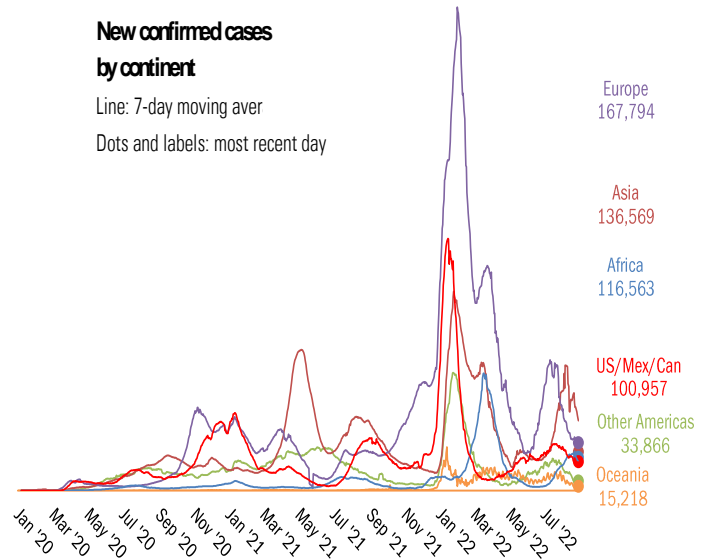
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
Korea, South	115,519	United States	525
United States	103,757	Japan	234
Japan	95,829	Brazil	225
Germany	54,504	Germany	119
Russia	38,883	France	110
France	35,749	Russia	76
Brazil	28,296	Australia	74
Taiwan*	20,424	Korea, South	71
Australia	12,181	Italy	60
Italy	8,347	Philippines	53
513,489		1,547	
World	585,369	World	1,803
Top ten	88%	Top ten	86%

New confirmed cases by continent

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



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

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

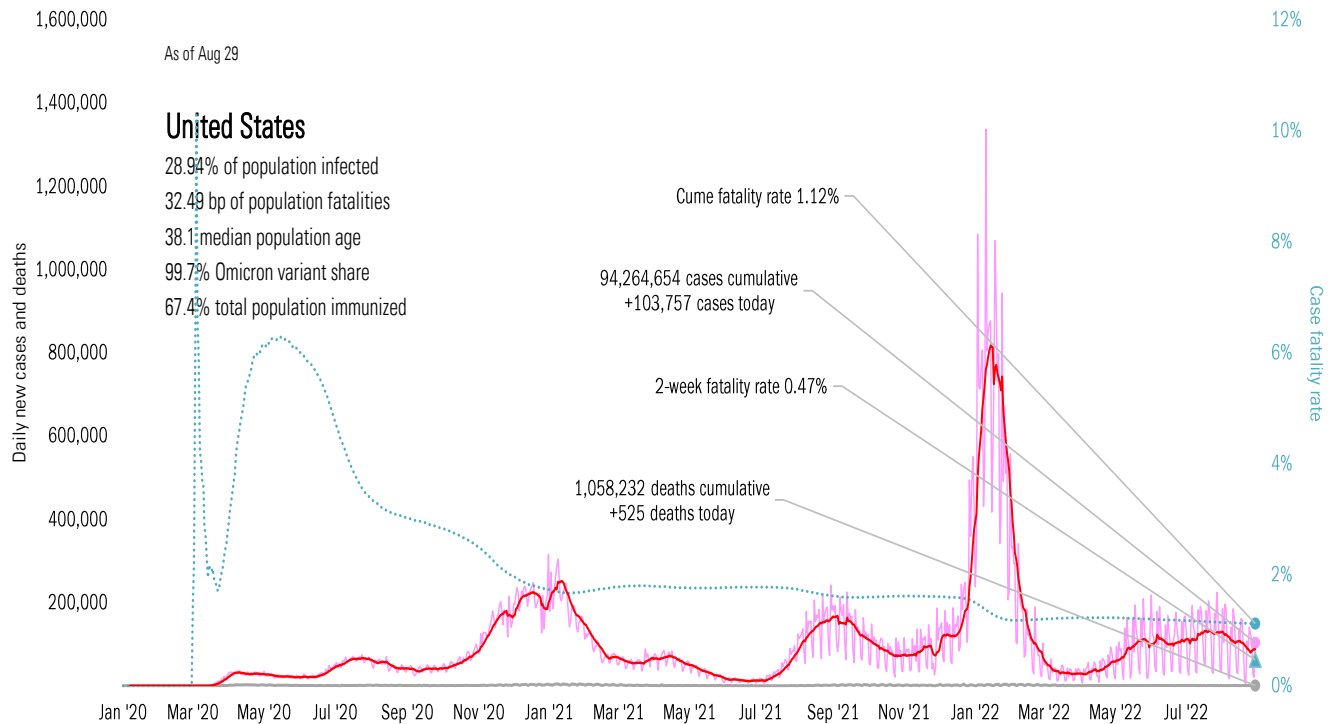
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
PA	16,099		FL	78		CA	537		CA	11,063,718		CA	94,840		TX	535,510		AR	105%	AK	86%
FL	10,149		TX	42		GA	234		TX	7,829,851		TX	90,224		CA	487,632		RI	89%	TX	86%
MA	8,796		NY	39		PA	205		FL	7,023,994		FL	79,686		FL	482,344		MA	86%	AL	85%
NY	7,182		CA	28		MA	117		NY	5,980,715		NY	71,051		NY	290,617		GA	85%	NC	82%
TX	5,877		GA	23		NC	159		IL	3,678,190		PA	46,596		GA	221,962		DE	84%	NM	82%
IN	4,047		MO	23		UT	36		PA	3,167,638		GA	39,632		CH	212,328		WA	84%	MA	82%
OK	3,534		NM	20		AL	102		NC	3,088,923		CH	39,406		PA	198,248		MN	84%	GA	80%
TN	3,491		MI	19		CH	219		CH	3,049,546		IL	39,296		IL	181,314		MO	82%	WA	79%
NC	3,423		VA	18		CT	66		GA	2,852,706		MI	37,909		MI	157,874		MD	81%	ND	78%
CH	3,348		OK	18		OK	63		MI	2,751,201		NJ	34,532		KY	142,057		WV	81%	DE	77%
65,946			308			1,738			50,496,482			573,172			2,909,886						
All states	103,757			525			4,780		All states	94,264,654			1,058,232			5,279,126		All states	70%		67%
Top ten	64%			59%			36%		Top ten	54%			55%			55%		Median	76%		73%

Some states not reporting

Five most improved US states

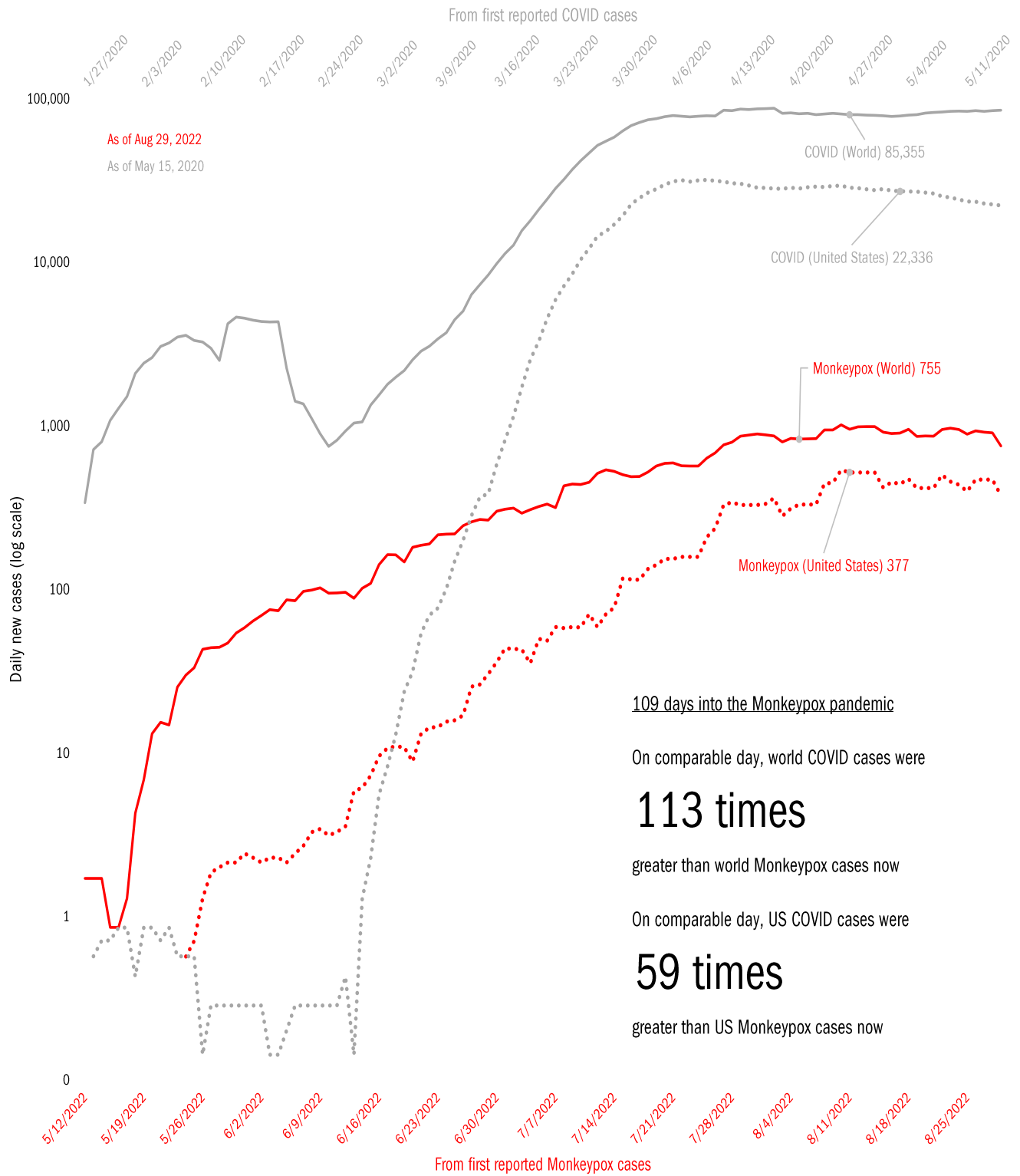
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
MO	-7,132	CA	-140	NY	-65
KS	-4,893	IN	-26	TX	-34
MD	-2,443	WA	-22	KS	-22
FL	-2,291	MD	-17	VA	-21
TN	-927	IL	-7	SC	-17



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

The Monkeypox contextualizer

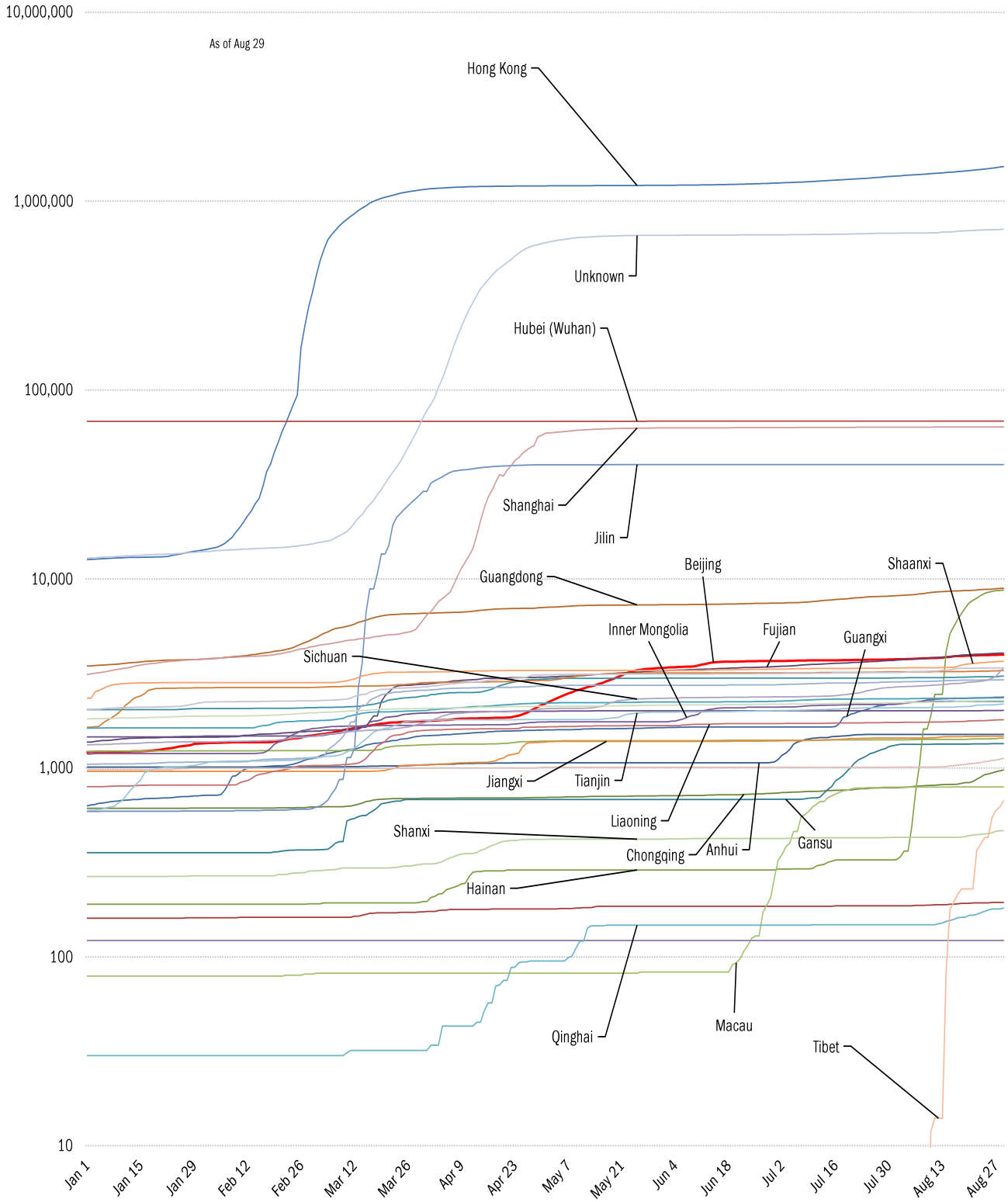
The course of case growth versus COVID



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

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

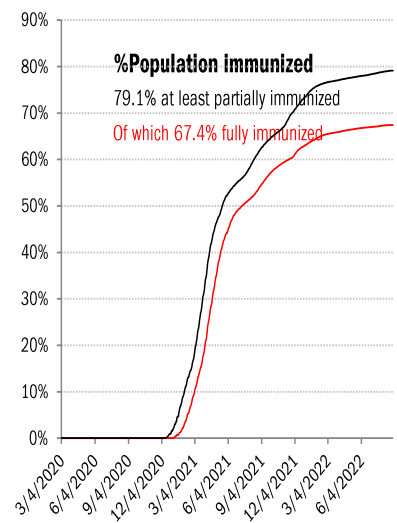
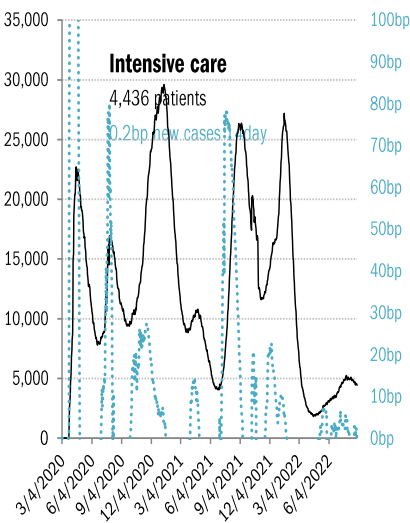
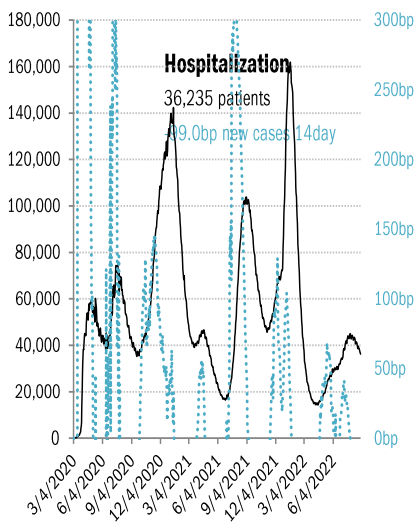
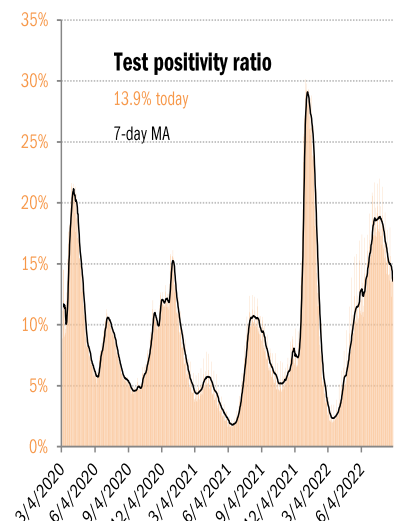
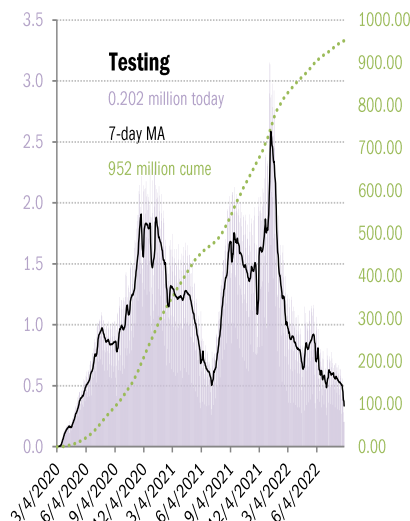
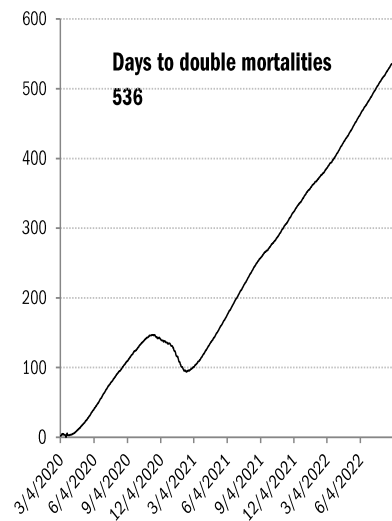
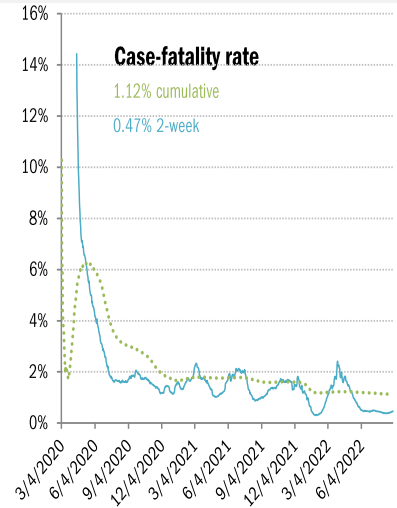
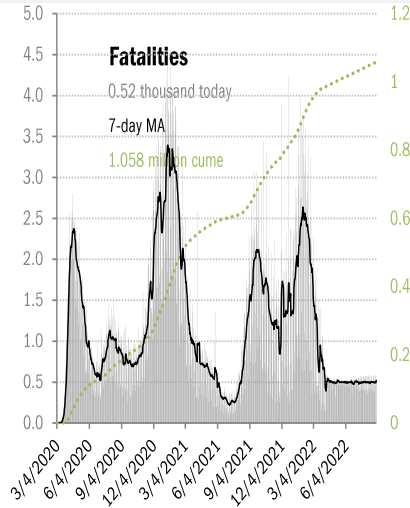
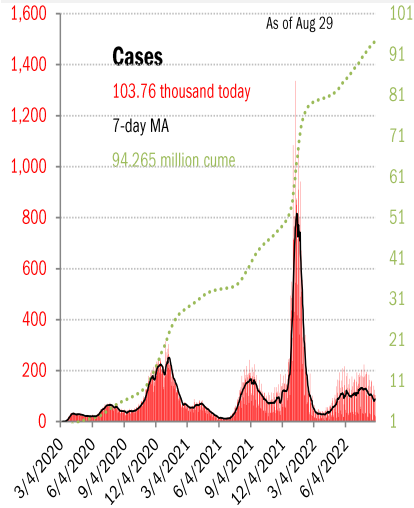
Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



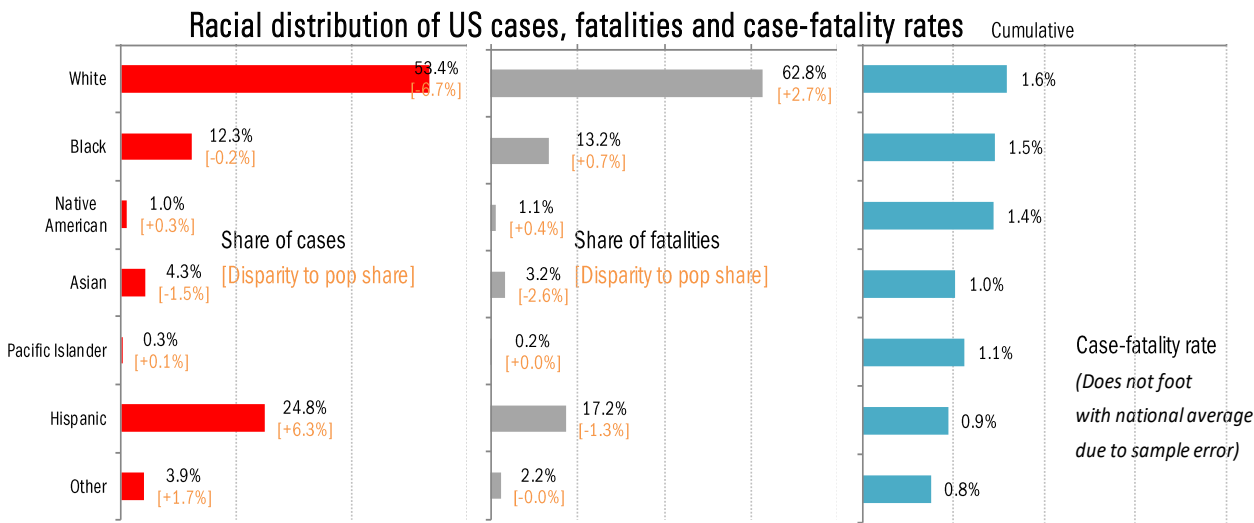
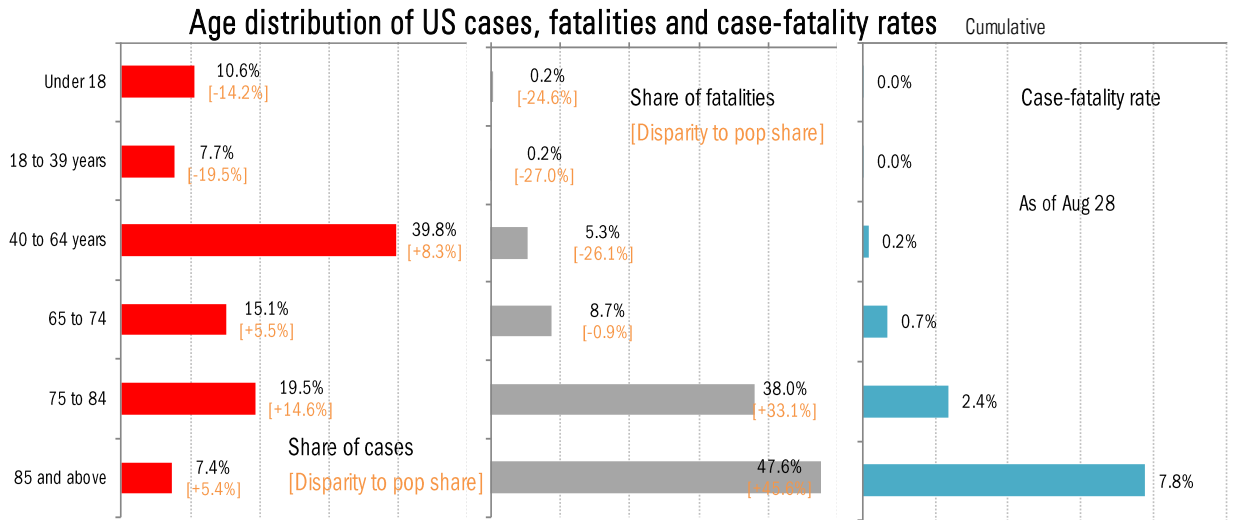
Source: [Johns Hopkins](#), TrendMacro calculations

US deep-dive

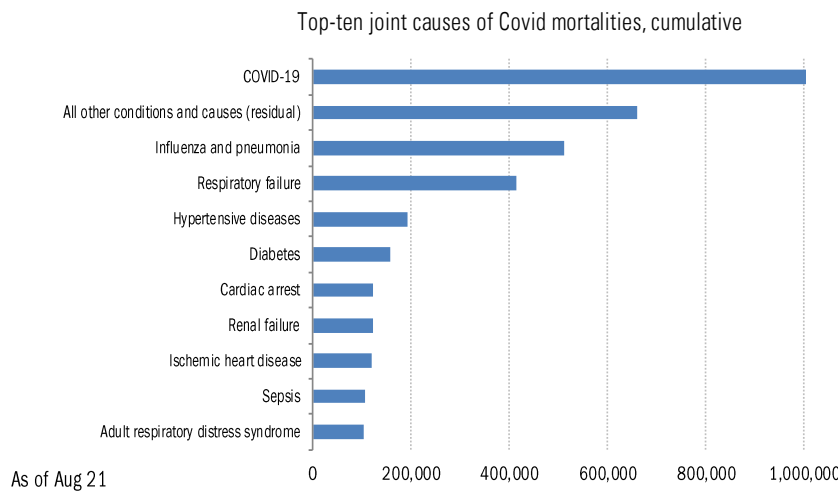
National and state-by-state data do not line up because of different sources



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

[Facing the Truth about Lockdowns](#)

John Hinderaker
Power Line Blog
August 28, 2022

[The 'Mass Exodus' of Teachers Never Happened, Paper Argues](#)

Kevin Mahnken
The 74
August 29, 2022

[What Happened to the K-12 Education Labor Market During COVID? The Acute Need for Better Data Systems](#)

Joshua Bleiberg, Matthew A. Kraft
Annenberg Ed Working Papers
August 2022

Meme of the day

**All those years training
in Biological warfare**

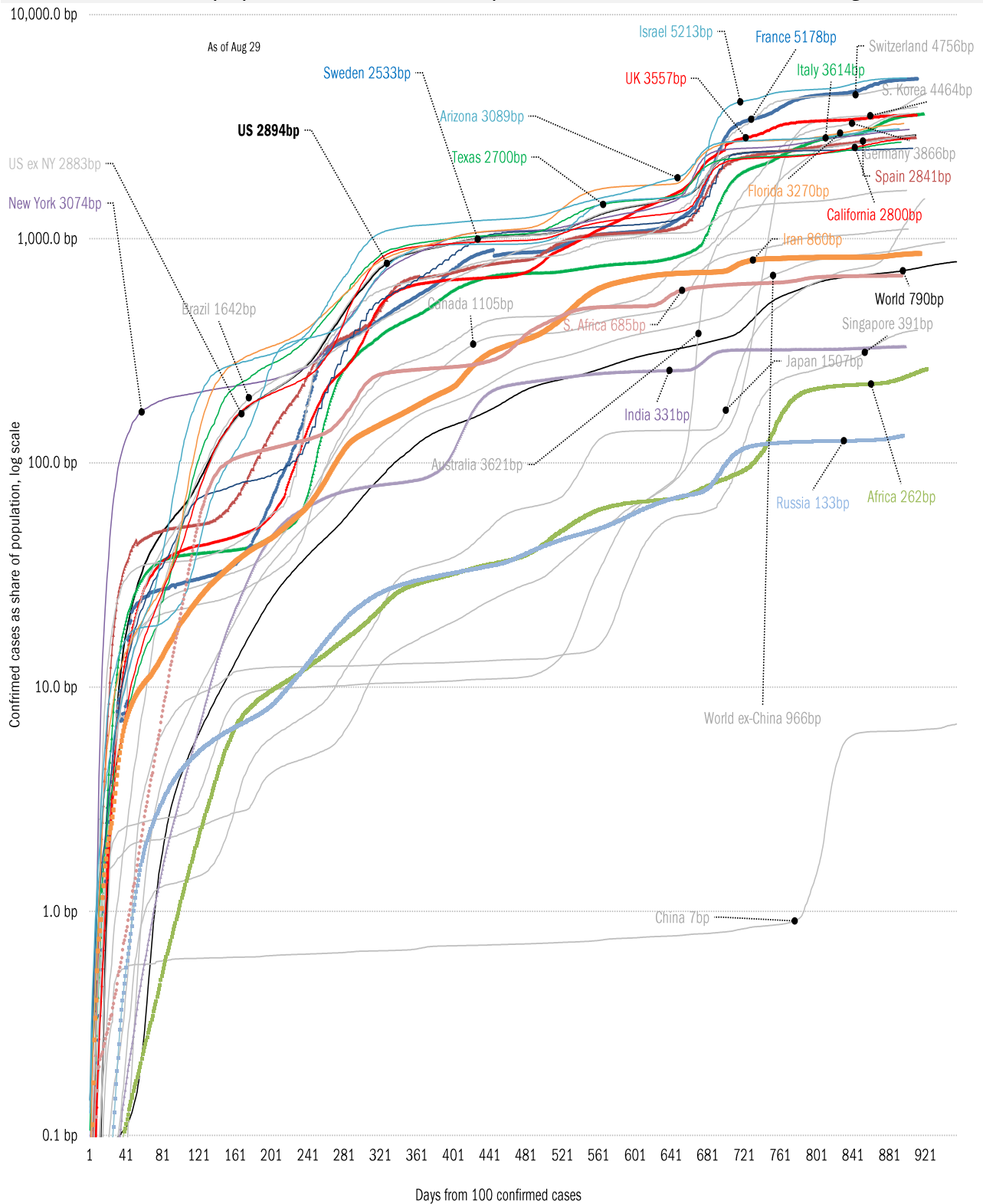


**It turns out, all that is required
is a cloth or paper mask**

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

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

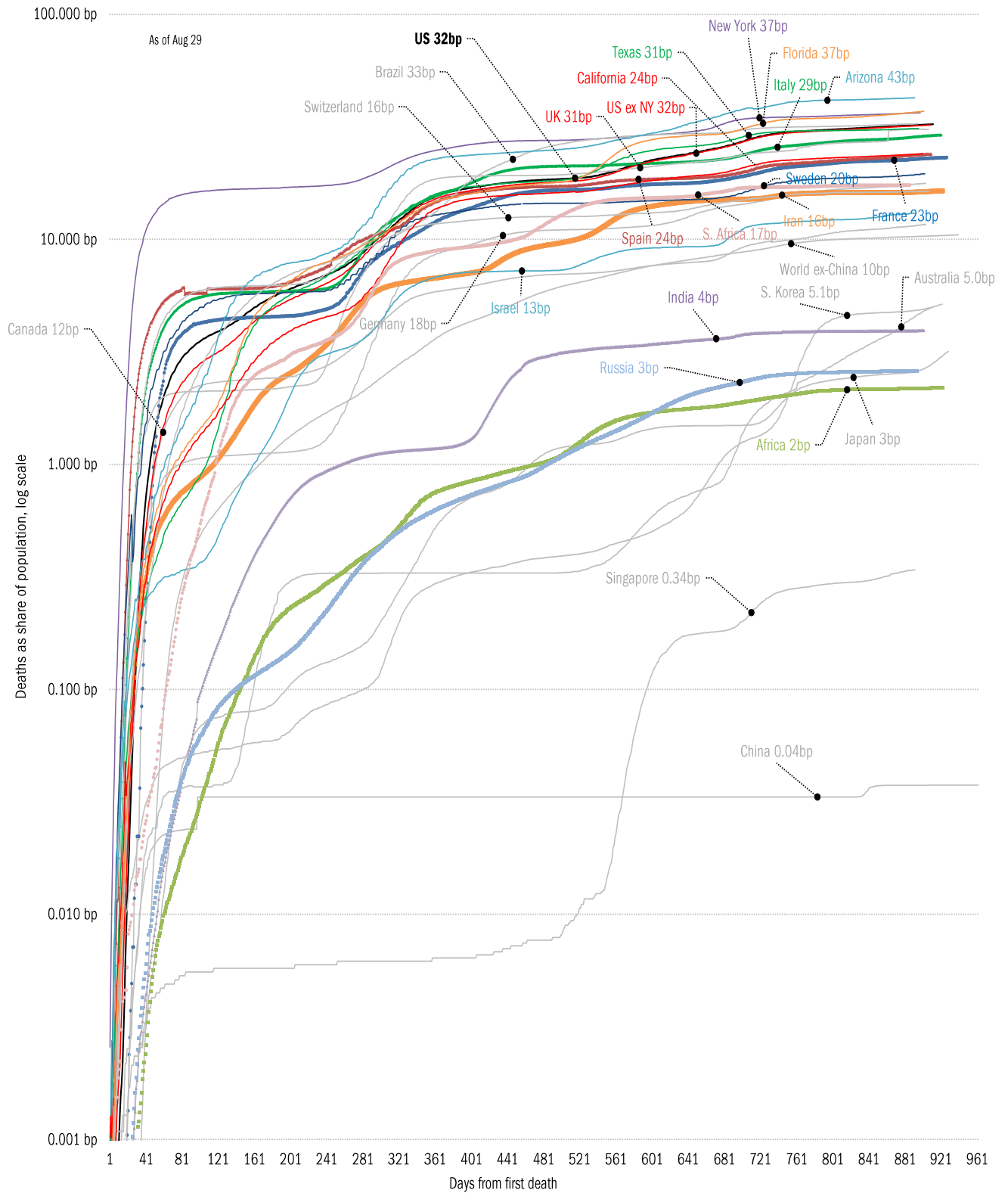
Share of infected population from first day with 100 confirmed cases, log scale



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

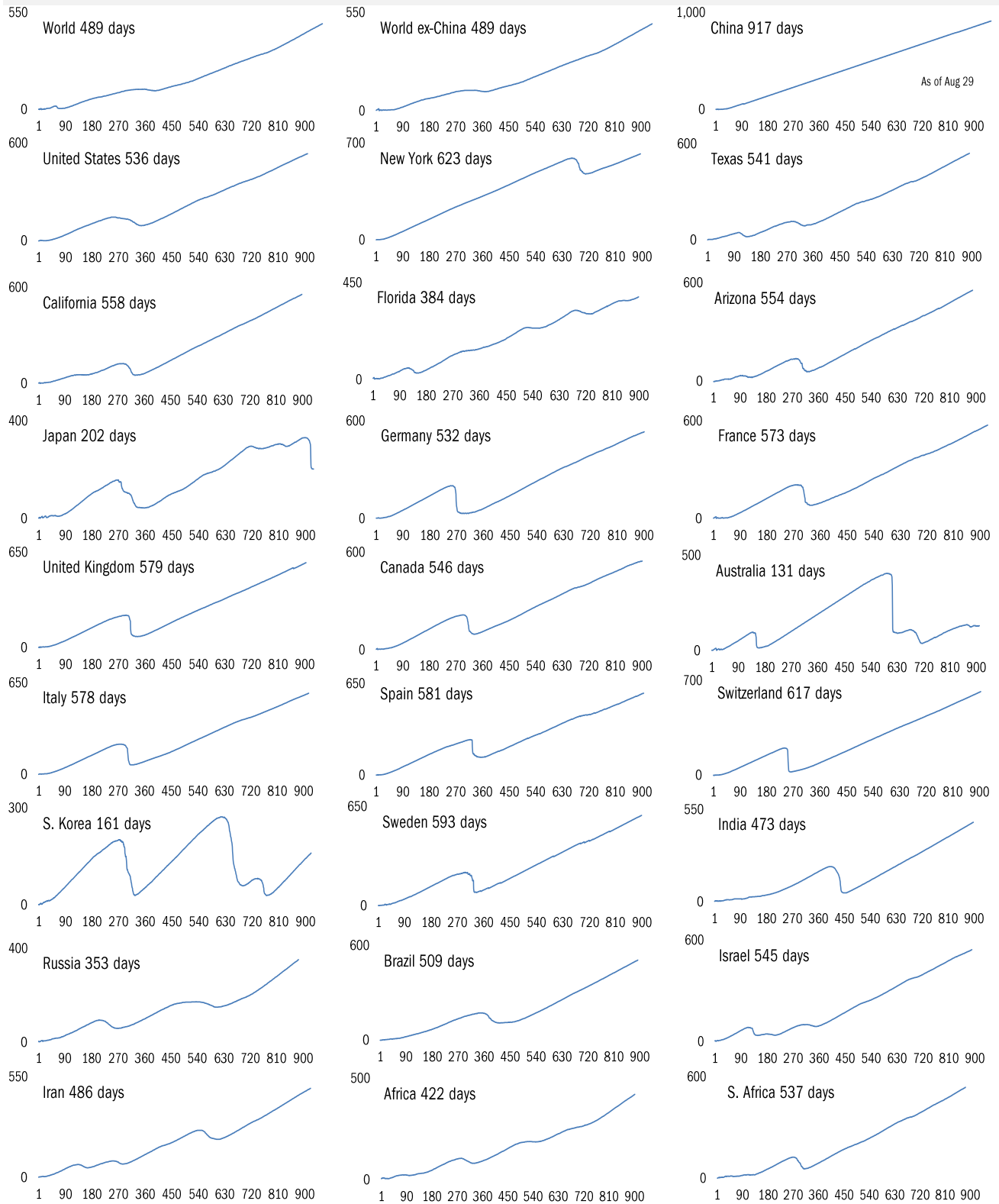


Source: [Johns Hopkins](#), TrendMacro calculations

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

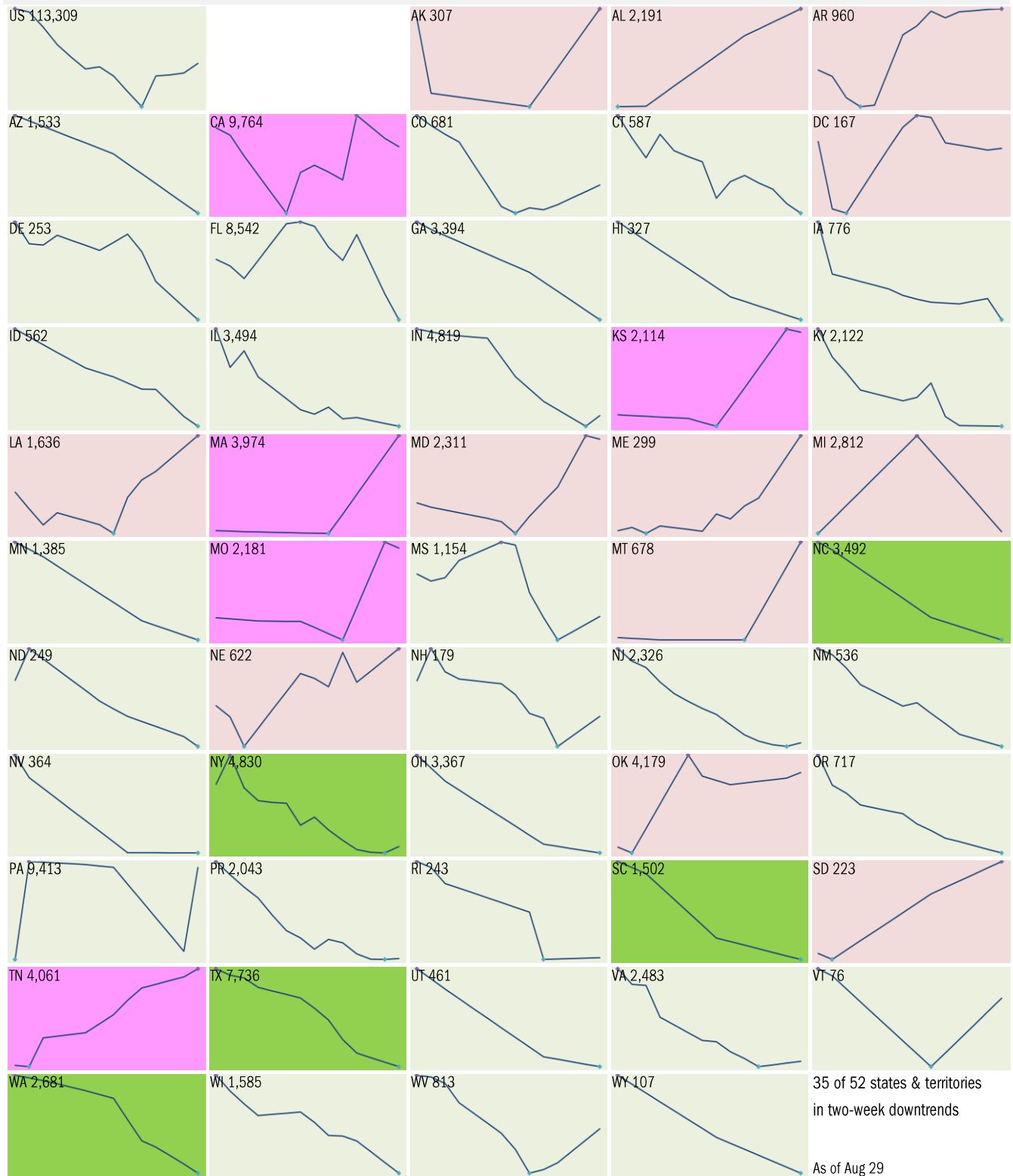


Source: [Johns Hopkins](#), TrendMacro calculations

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

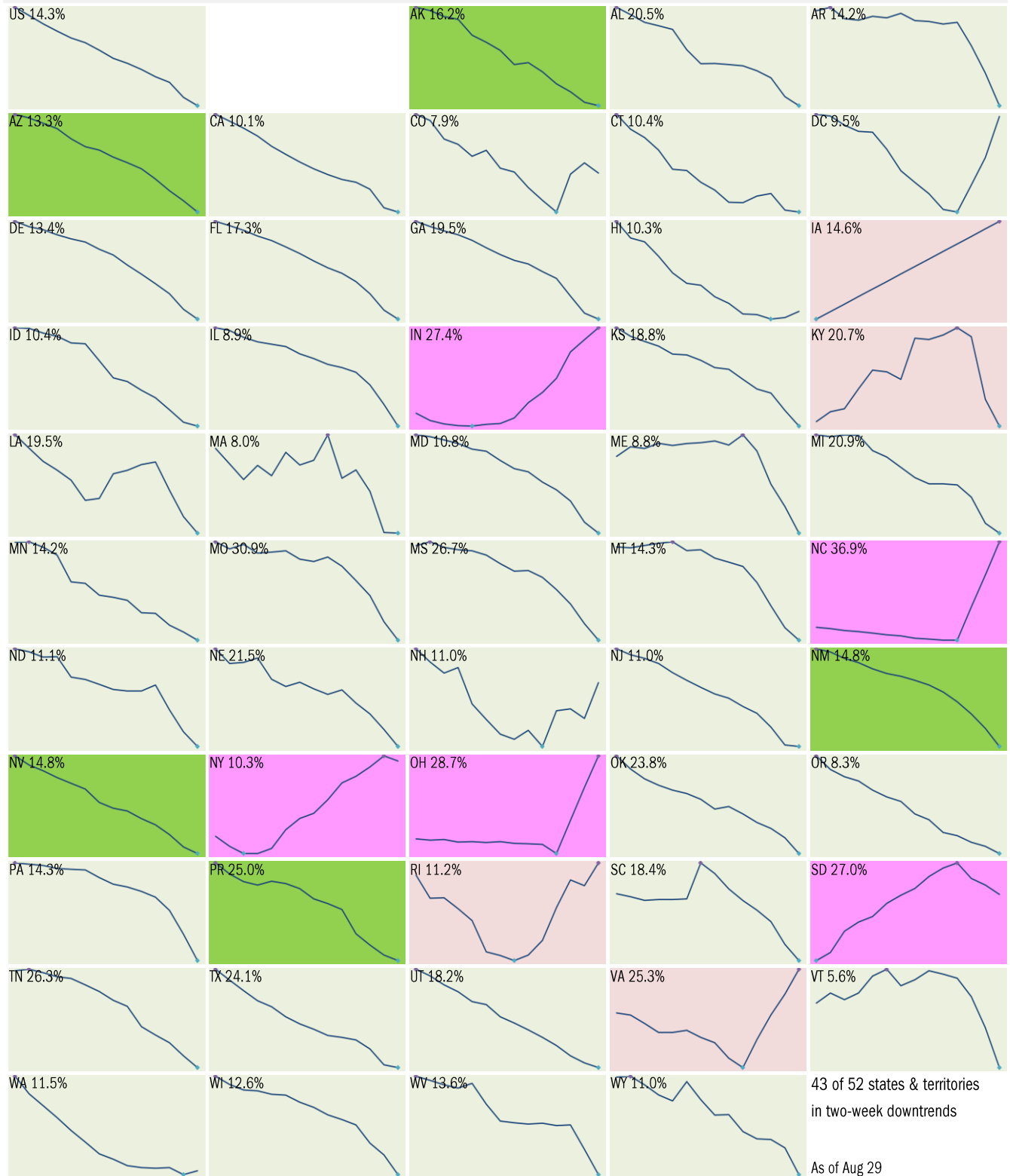


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

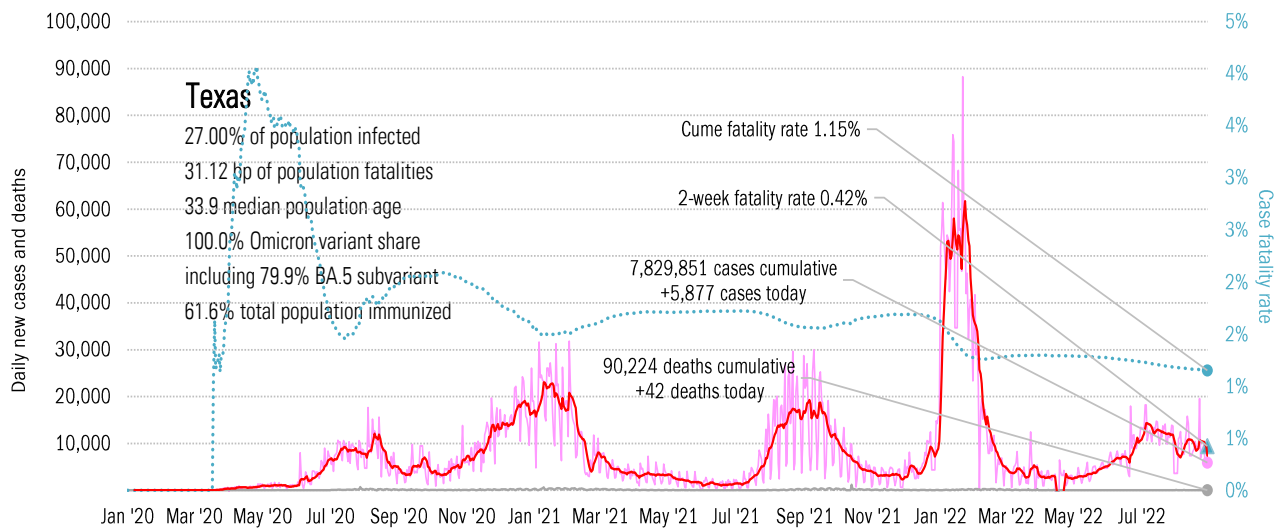
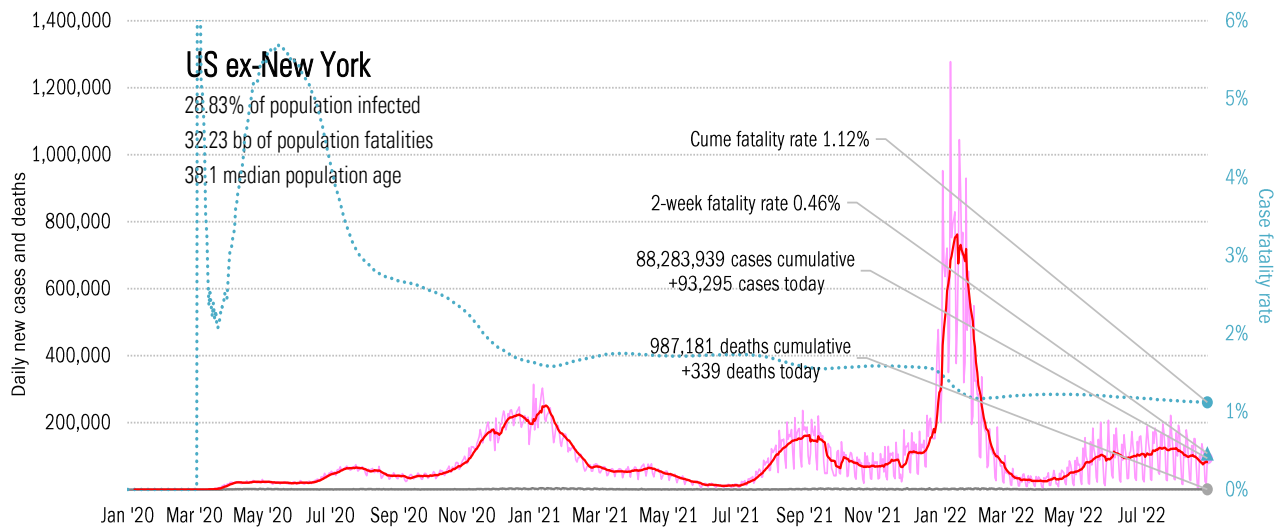
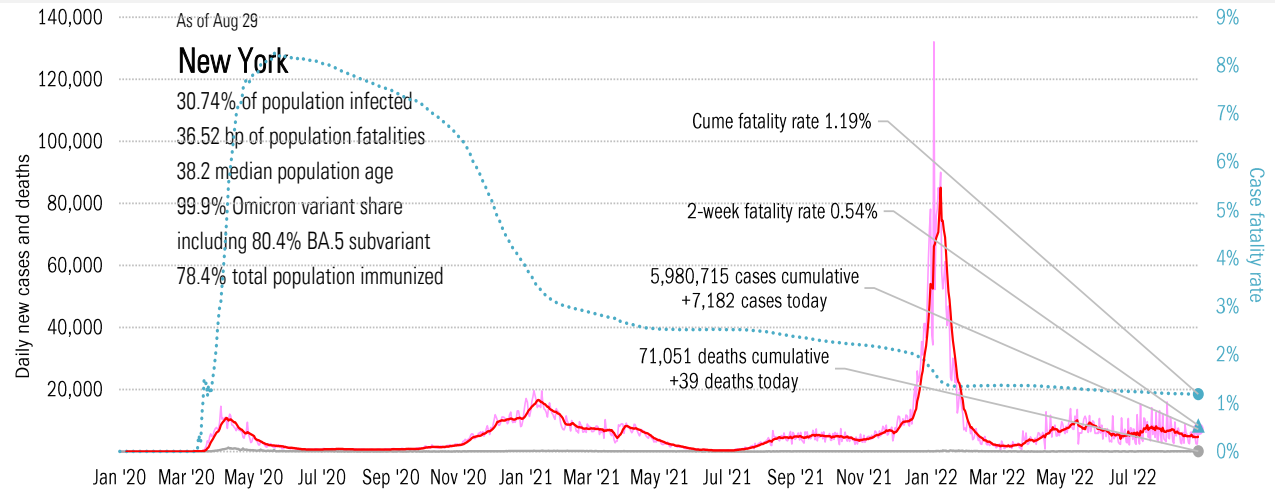
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

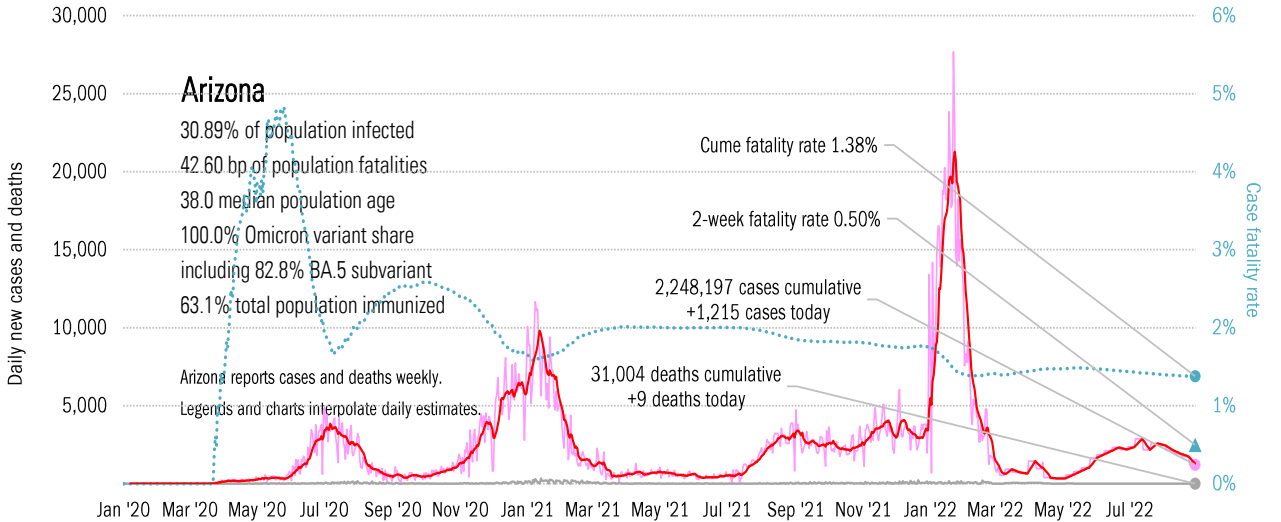
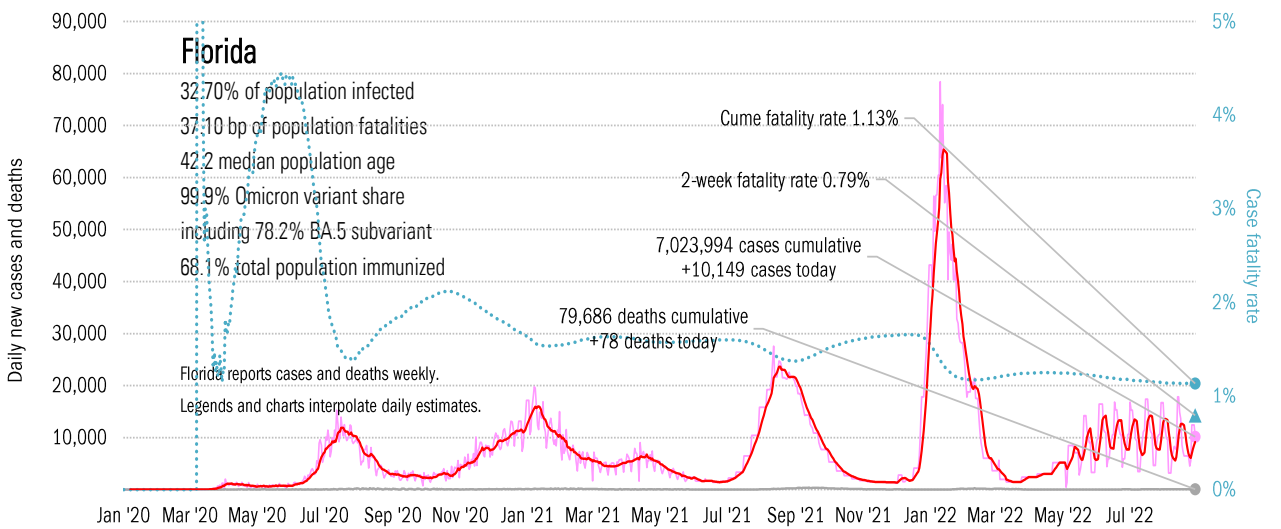
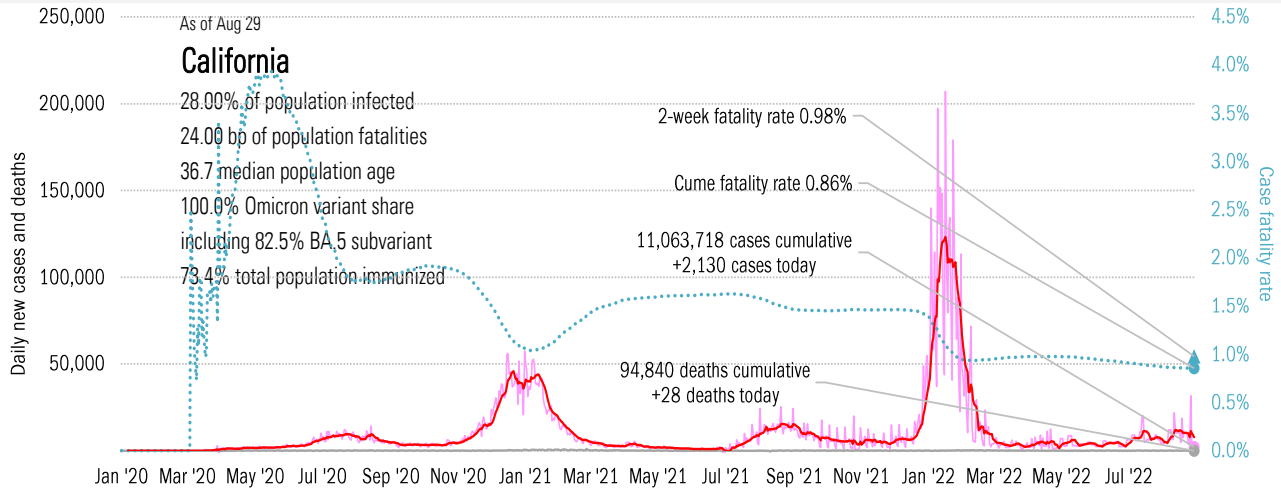
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

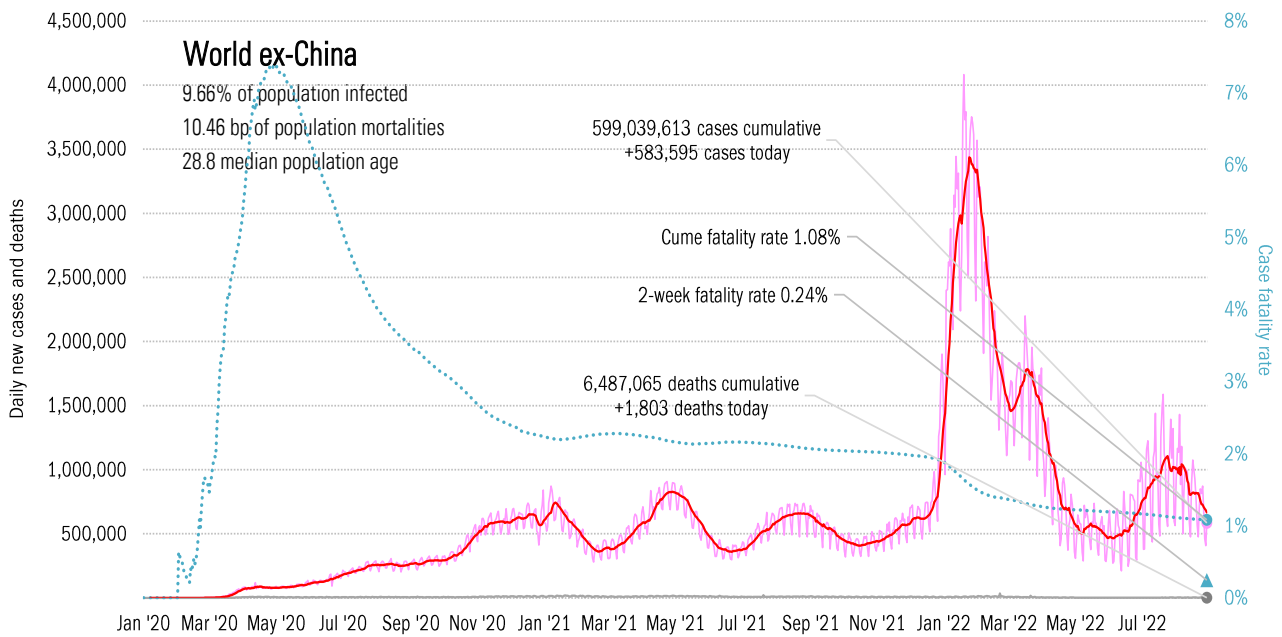
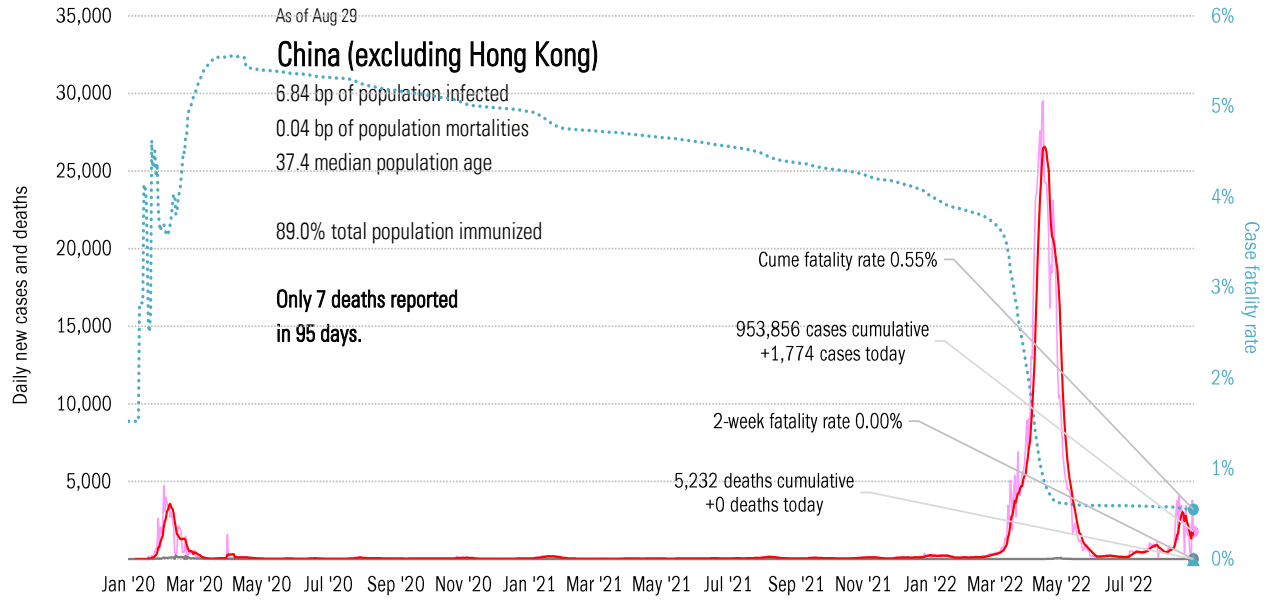
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

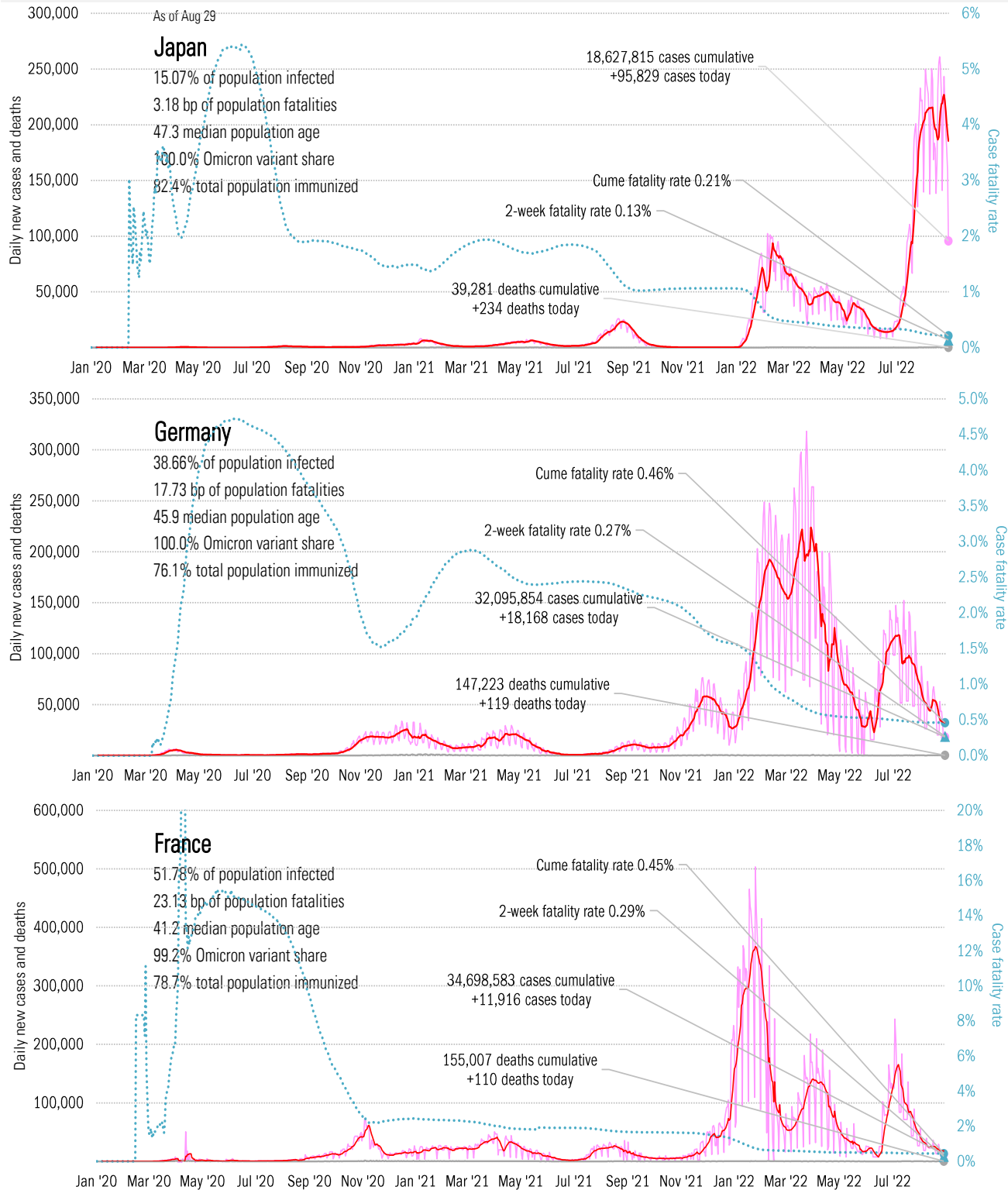
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

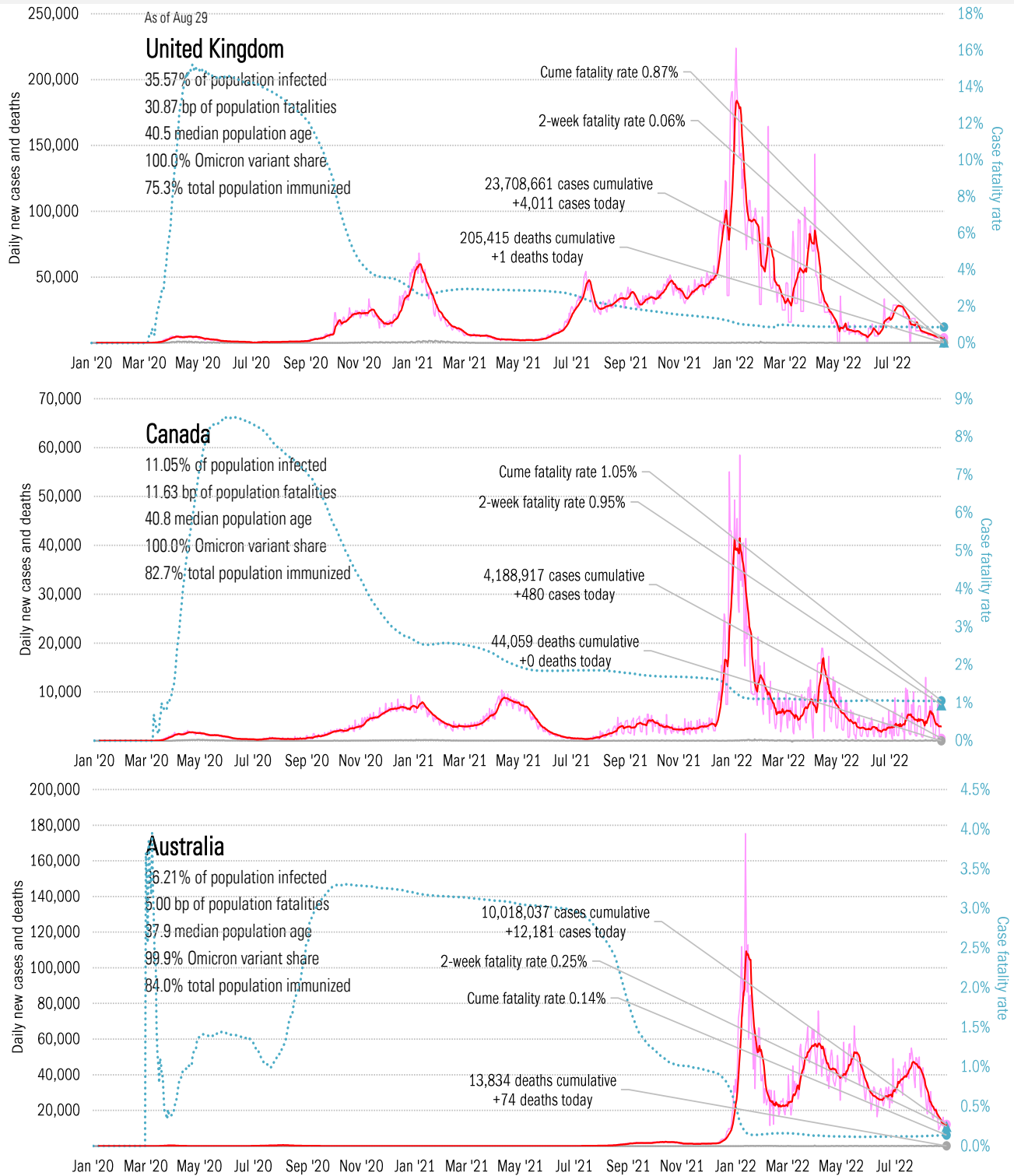
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

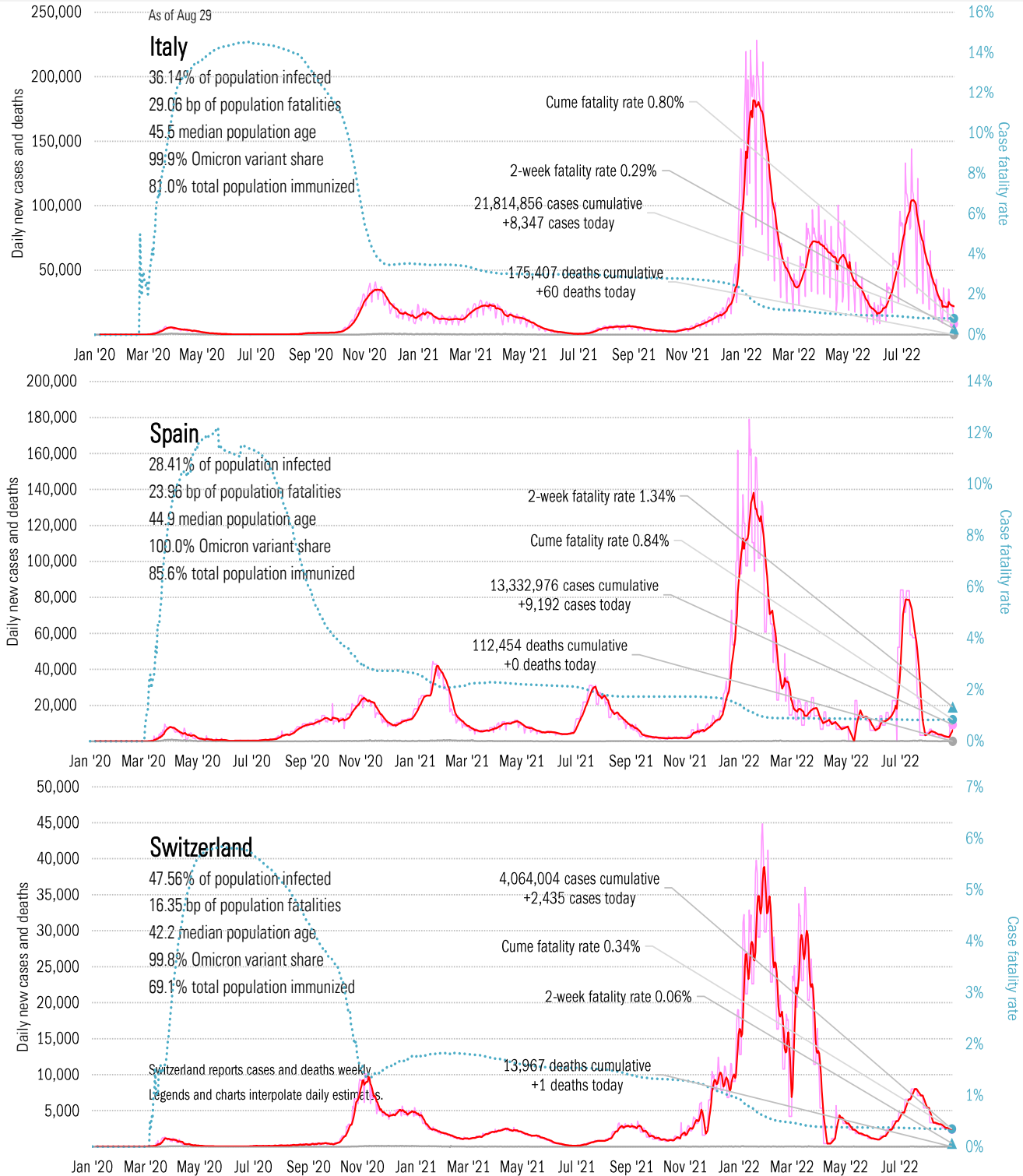
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

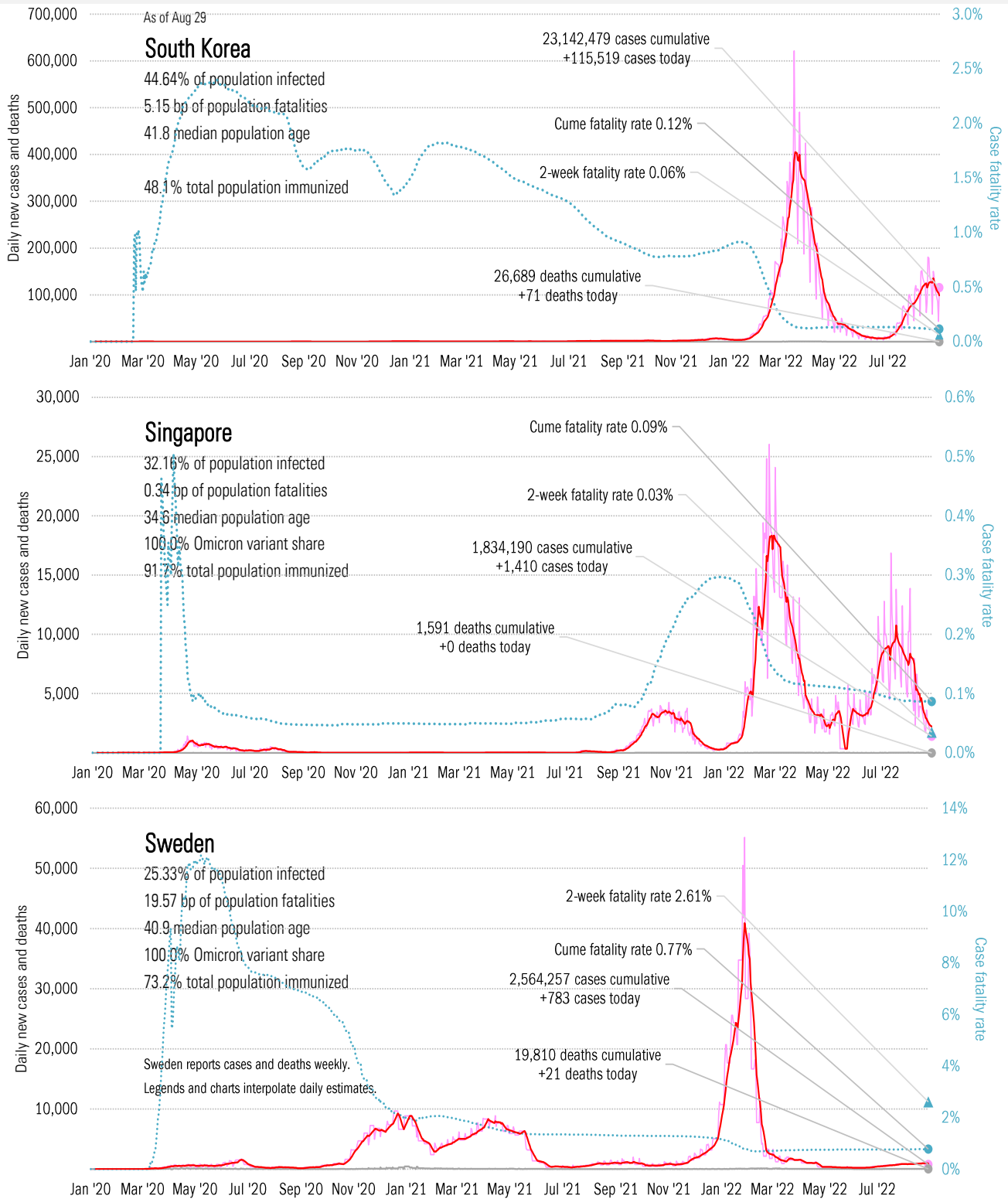
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

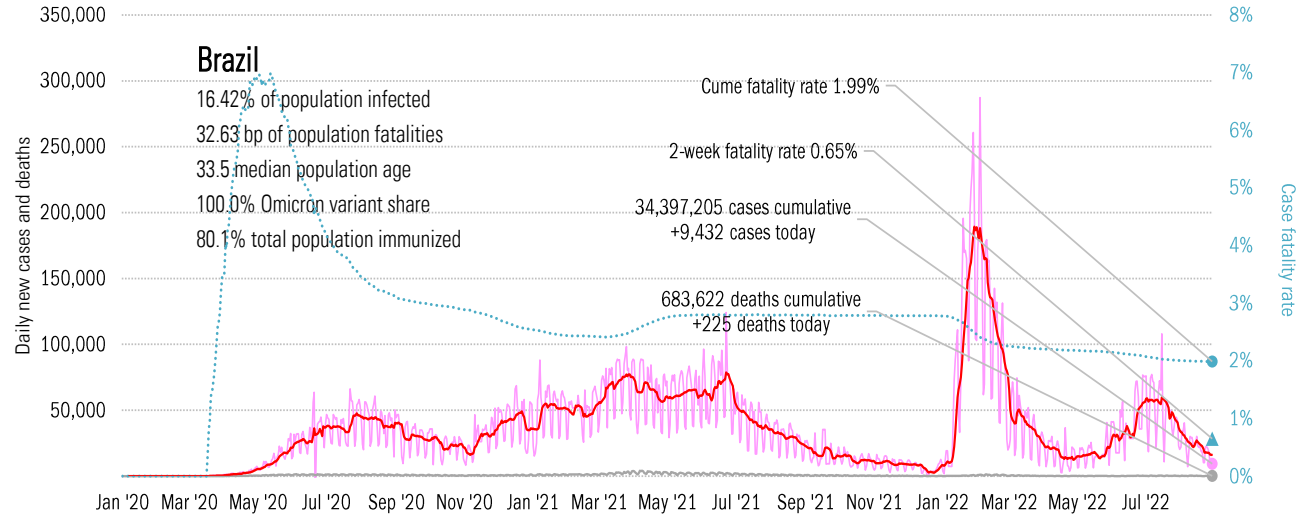
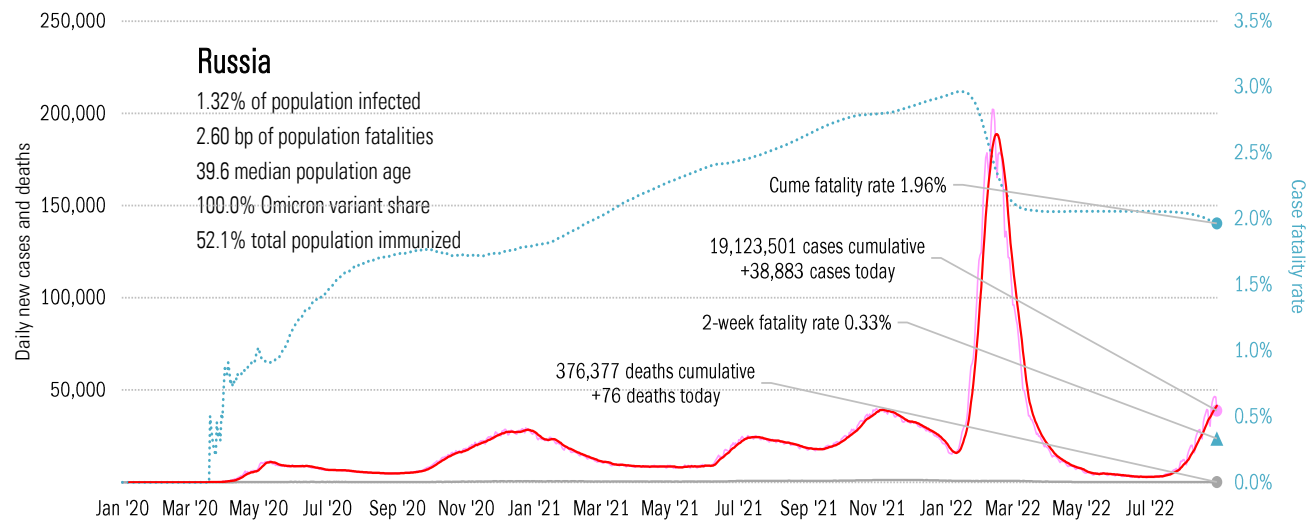
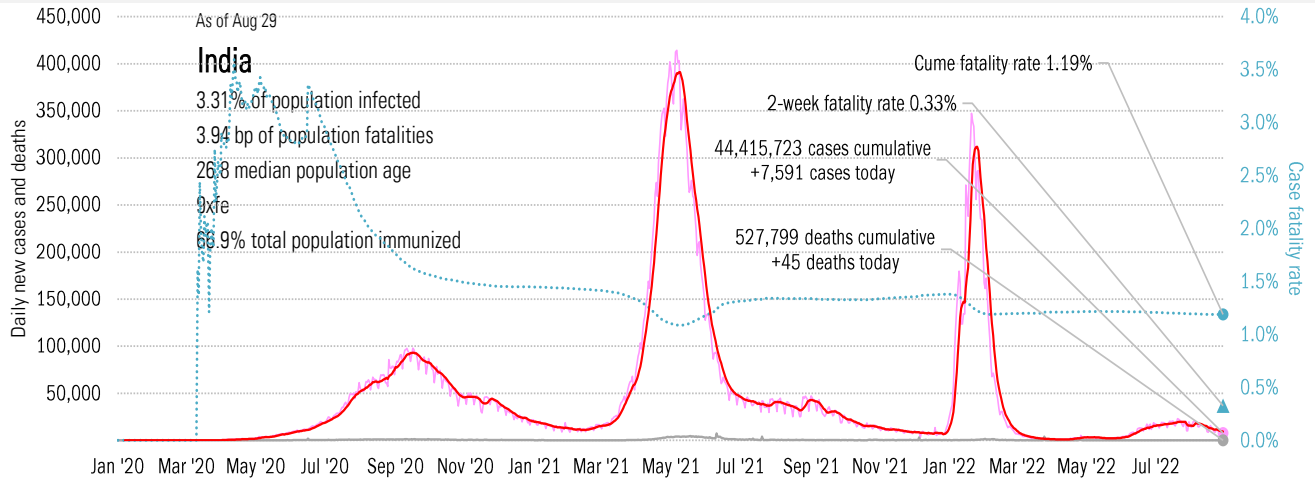
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

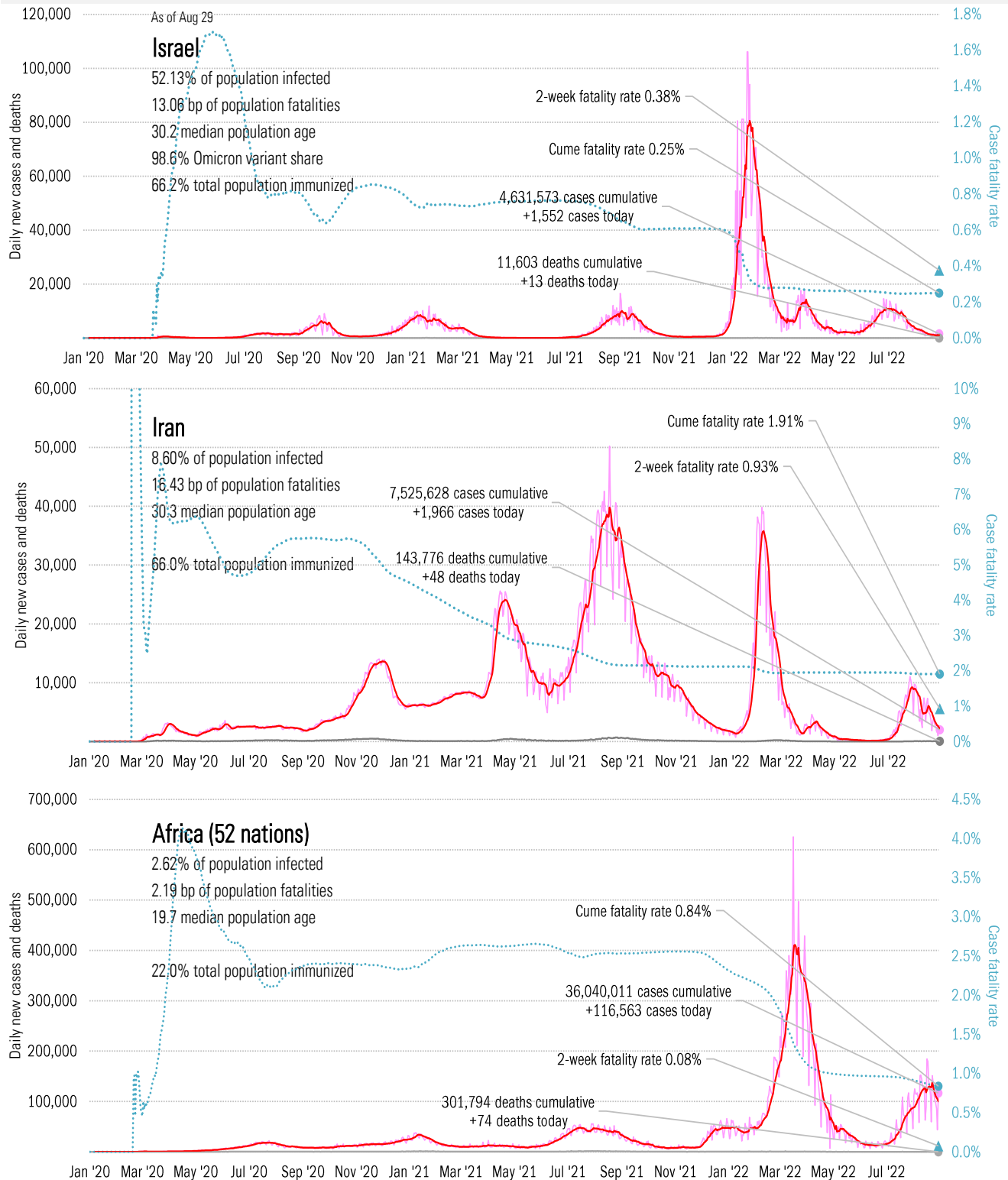
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

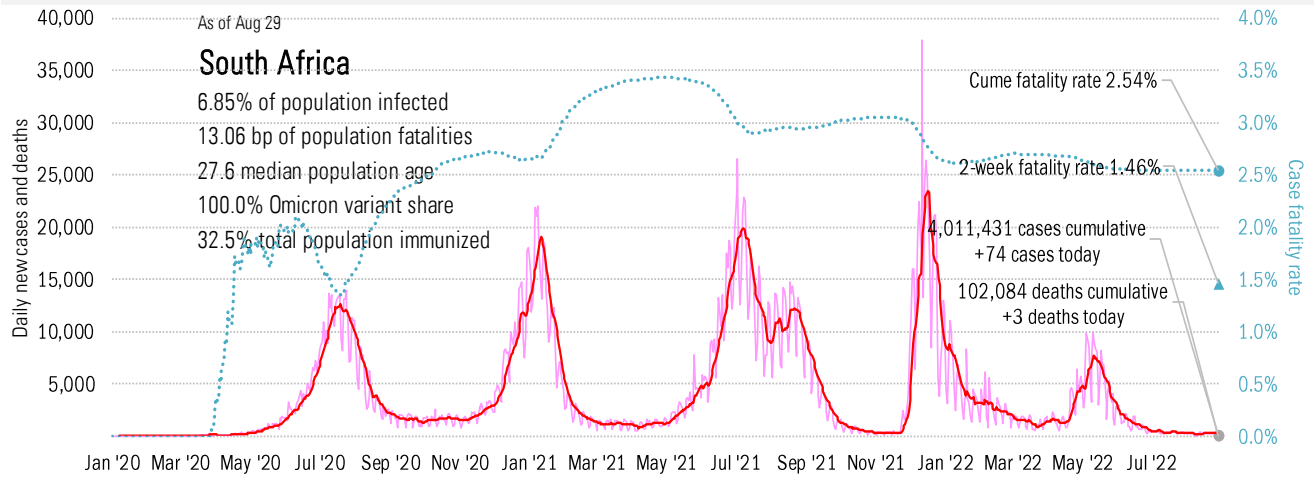
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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