

Data Insights: Covid-2019 Monitor

Saturday, September 10, 2022

The global scorecard

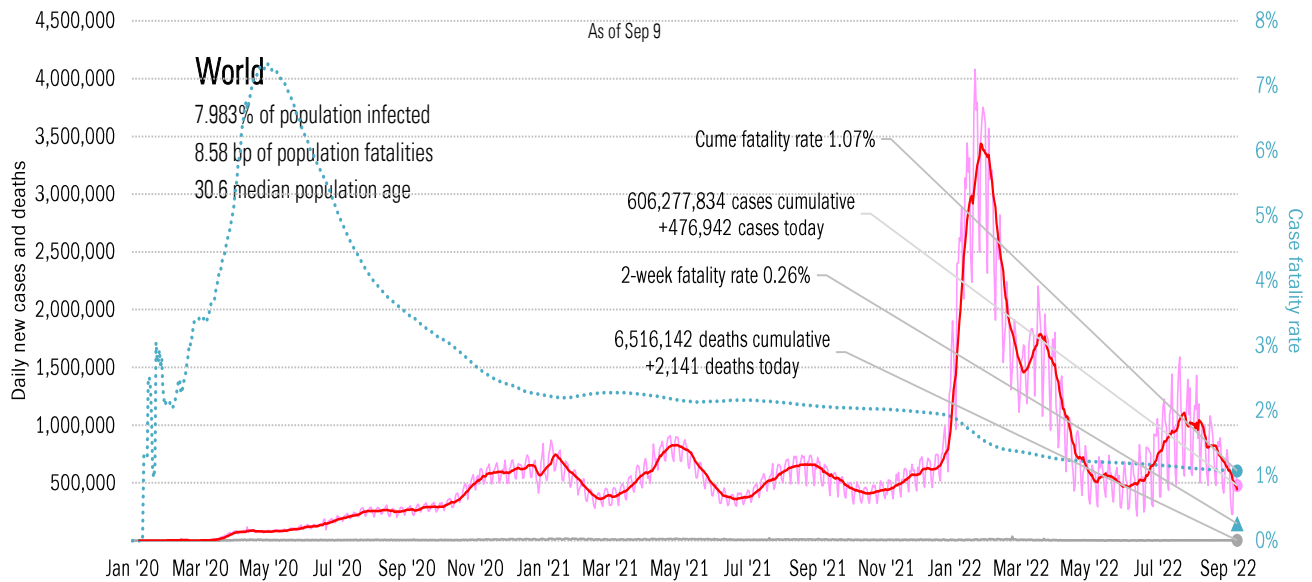
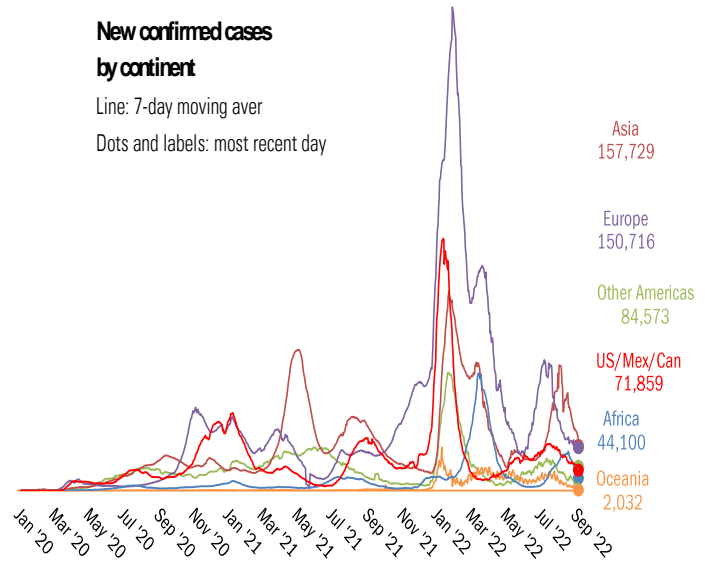
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	102,543	United States	700
Japan	99,409	Brazil	388
Russia	51,420	Japan	236
Korea, South	42,724	Spain	207
Brazil	39,200	Russia	95
Taiwan*	34,200	Germany	82
Germany	30,166	Australia	62
France	19,087	Italy	59
Italy	15,542	Taiwan*	55
Spain	8,925	Canada	54
443,216		1,938	
World	476,942	World	2,141
Top ten	93%	Top ten	90%

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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The US scorecard

Cases: 7-day average and daily Deaths: Daily

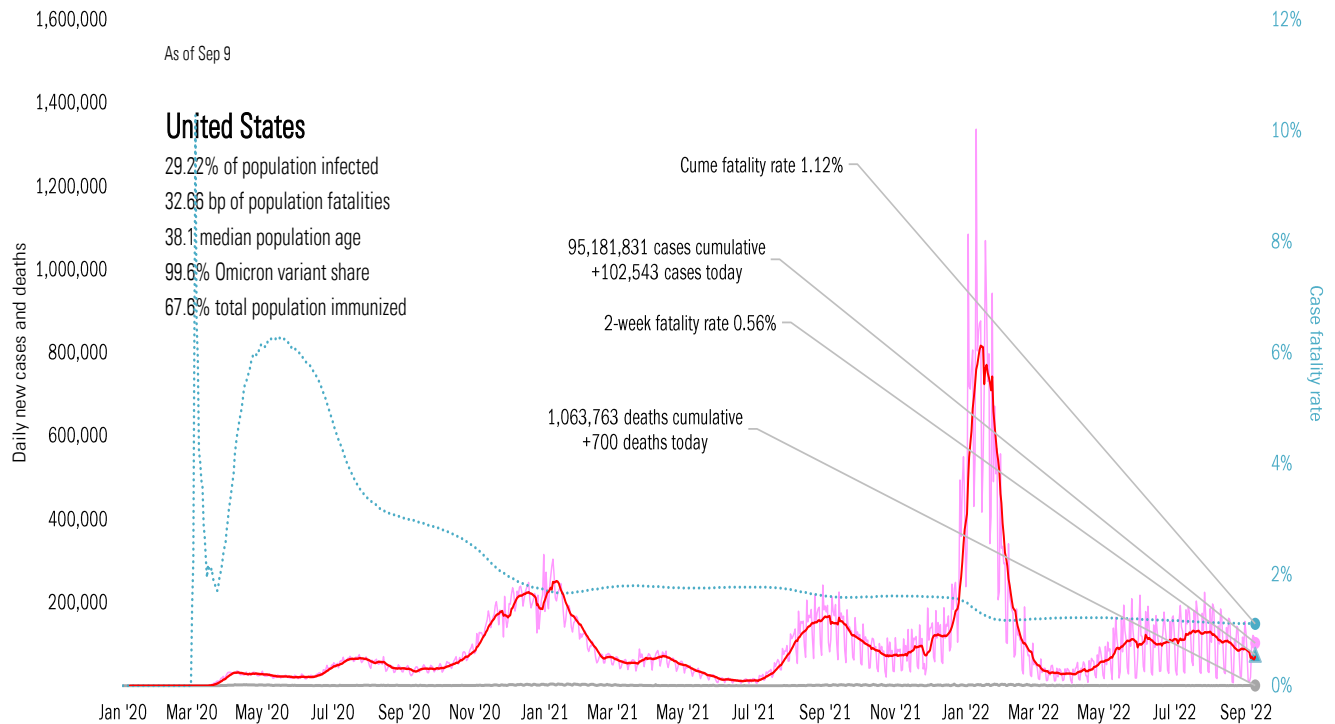
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
PA	15,988		CA	112		GA	219		CA	11,155,657		CA	95,314		TX	539,645		TN	97%	TN	94%
FL	9,423		MI	83		CA	492		TX	7,912,298		TX	90,495		CA	492,412		RI	90%	AK	88%
CA	8,502		FL	81		TX	435		FL	7,063,486		FL	80,360		FL	487,124		MA	88%	AL	85%
MO	7,340		IN	43		PA	230		NY	6,022,223		NY	71,311		NY	293,577		GA	86%	TX	83%
TX	6,759		TX	35		CH	210		IL	3,716,318		PA	46,831		GA	223,604		MN	86%	RI	83%
VA	3,734		MO	34		MA	95		PA	3,202,811		GA	39,875		CH	214,507		MO	85%	NM	83%
IL	3,310		VA	29		WA	63		NC	3,141,302		CH	39,576		PA	200,129		MD	85%	MA	82%
CH	3,104		WV	21		VI	95		CH	3,096,557		IL	39,445		IL	183,395		WA	85%	NC	82%
IN	3,096		IL	19		KY	123		GA	2,883,318		MI	38,121		MI	159,561		DE	83%	WA	81%
NC	2,926		WA	19		AR	53		MI	2,786,213		NJ	34,619		KY	143,221		MI	82%	MN	81%
64,183			476			2,015			50,980,183			575,947			2,937,175						
All states	102,543		700			4,784			All states	95,181,831		1,063,763			5,328,243			All states	70%	67%	
Top ten	63%		68%			42%			Top ten	54%		55%			55%			Median	78%	74%	

Some states not reporting

Five most improved US states

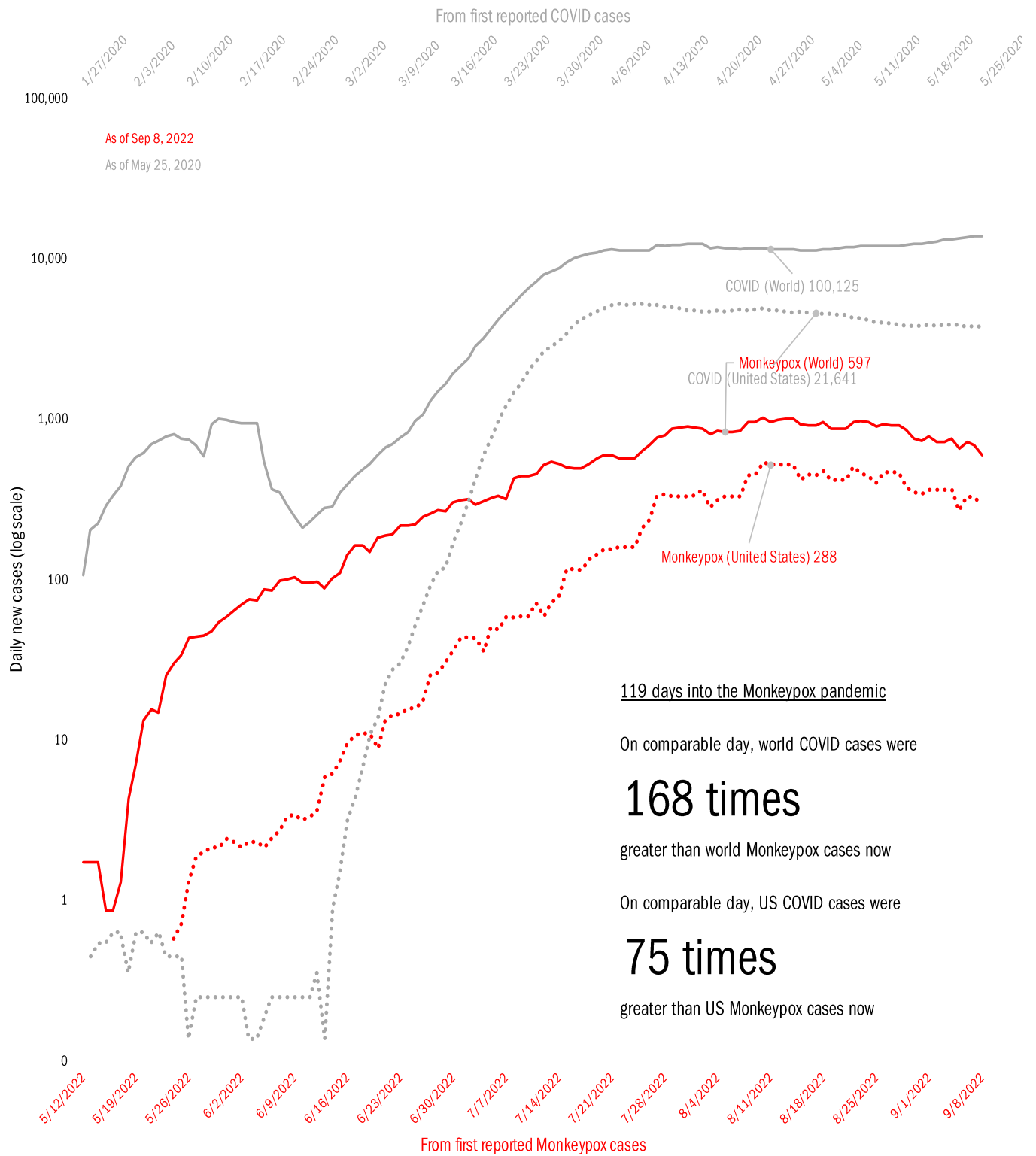
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CA	-18,655	NY	-23	AL	-51
NY	-1,195	WA	-18	VA	-36
IL	-782	LA	-16	IL	-34
NH	-324	AL	-11	NJ	-34
TX	-274	VI	-9	IN	-29



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

The Monkeypox contextualizer

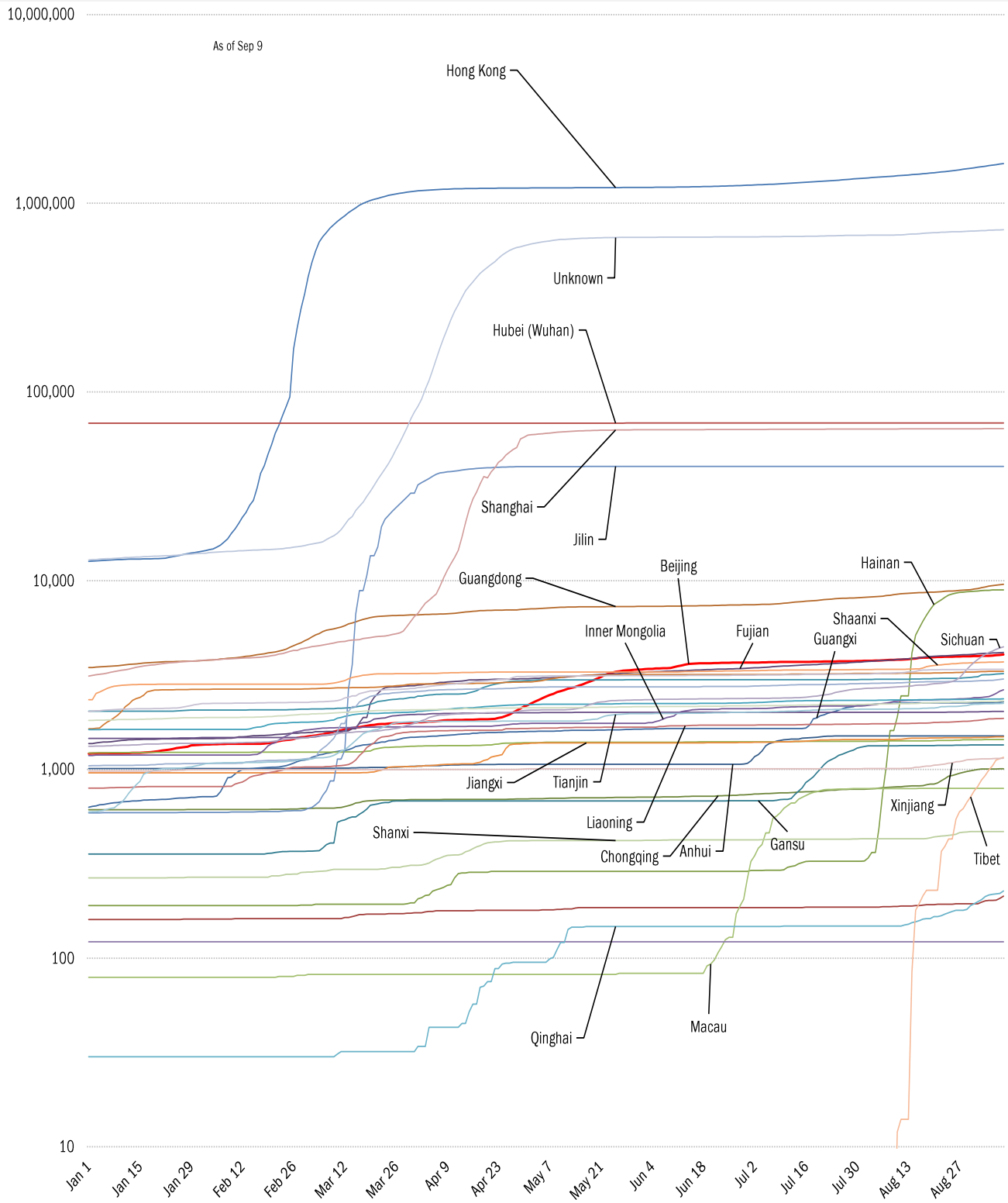
The course of case growth versus COVID



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

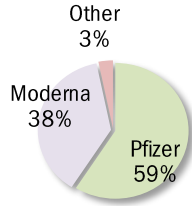
Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	626,104,628	+0.099 million	US	67.6%	79.3%
of which boosters	111,089,927	+0.022 million	UK	75.4%	80.0%
	One dose	% Pop	Immune	% pop	New immune today
Total population	271,287,274	81%	230,903,498	69%	+0.037 million
Age 12 to 17	18,165,772	72%	15,521,542	61%	+0.003 million
Age 18 to 64	181,000,884	89%	153,748,856	76%	+0.010 million
Age 65 and over	59,742,433	100%	52,263,684	95%	+0.002 million

France	78.7%	80.9%
Spain	85.6%	87.0%
Germany	76.1%	77.7%
Italy	81.0%	85.8%
Australia	84.0%	86.5%
Israel	66.2%	72.3%
Canada	82.7%	86.8%
Japan	82.5%	83.6%
Africa	22.2%	28.1%
India	67.1%	72.8%
Brazil	80.2%	87.1%
China	89.1%	91.4%

Global data differs due to sources, timing

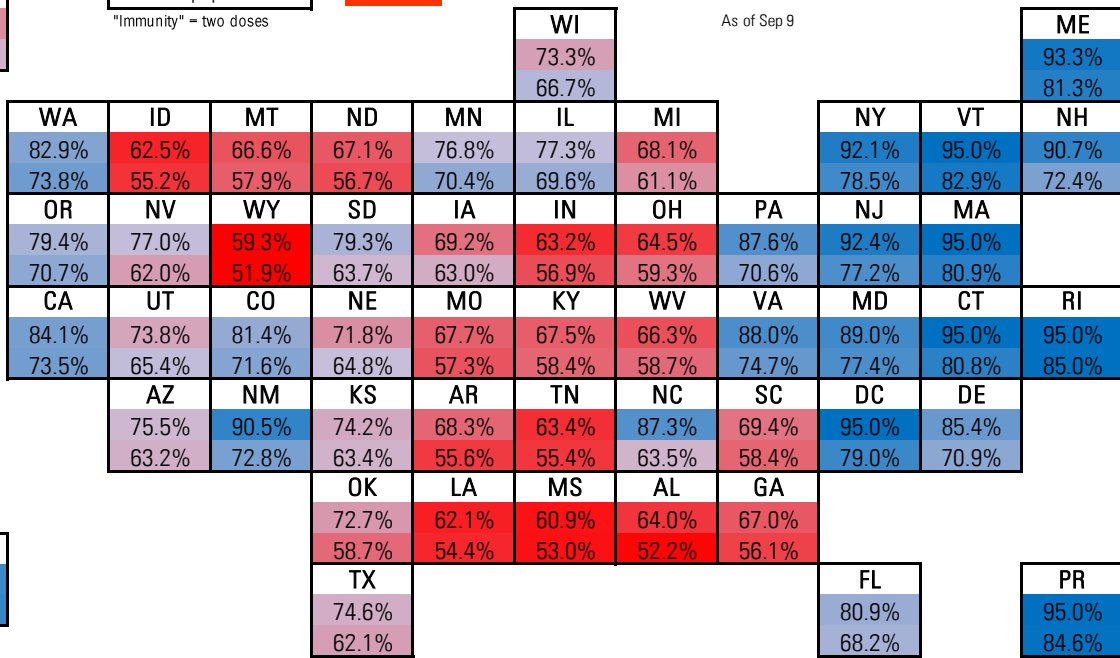


State	Best
AK	71.5%
	63.4%

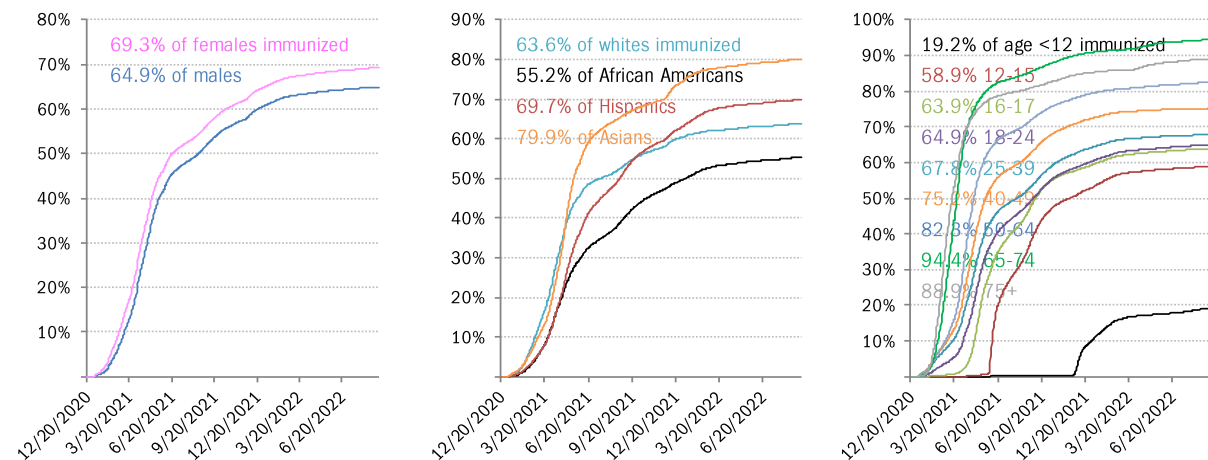
State	Best
At least partial immunity as % population	Middle
Full immunity as % population	Worst

"Immunity" = two doses

Best
Middle
Worst



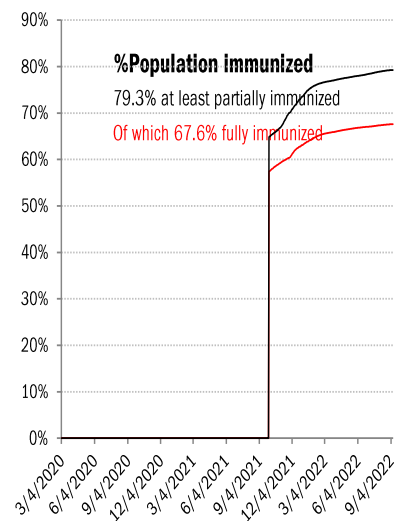
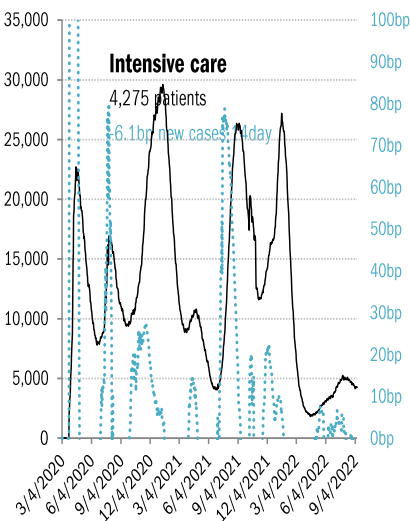
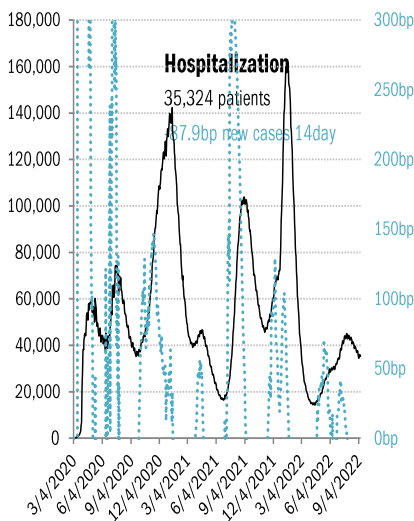
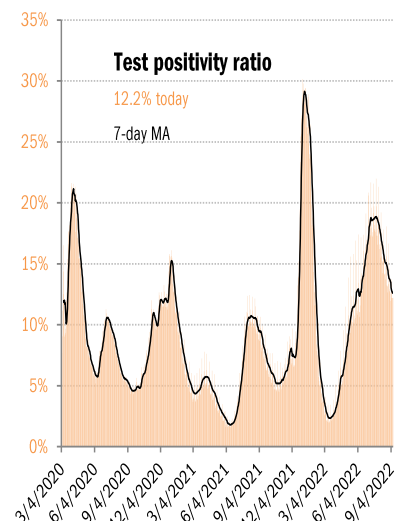
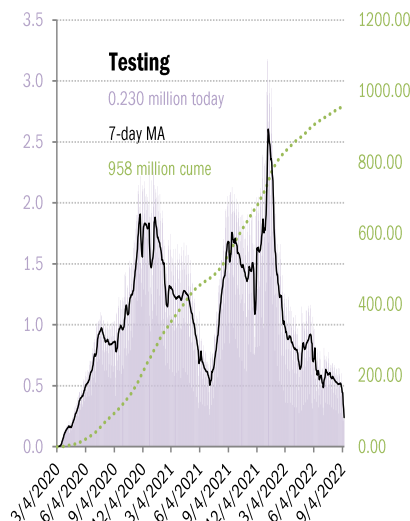
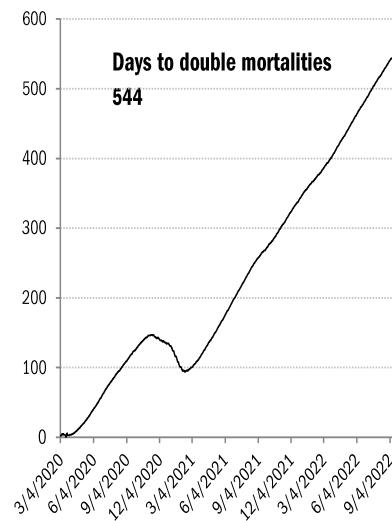
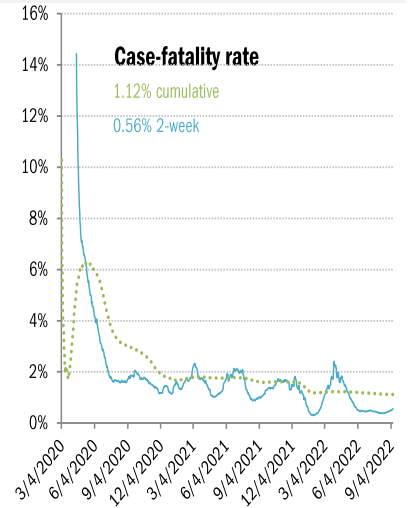
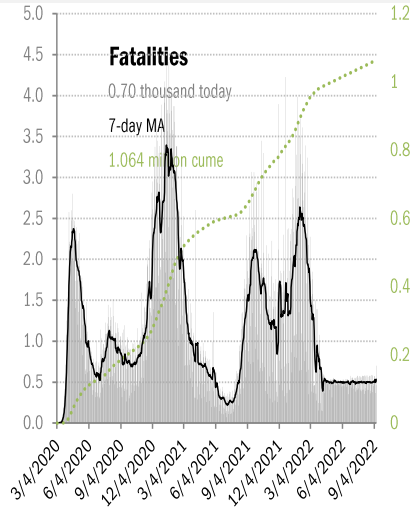
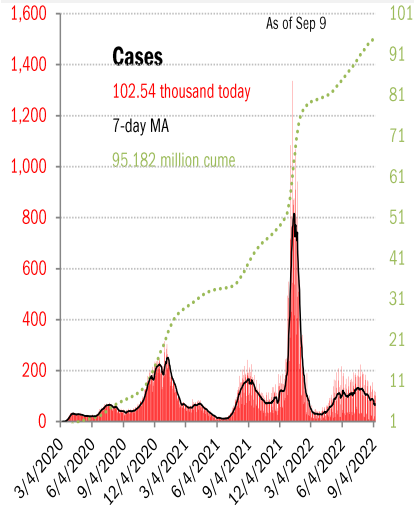
The demographics of US vaccination



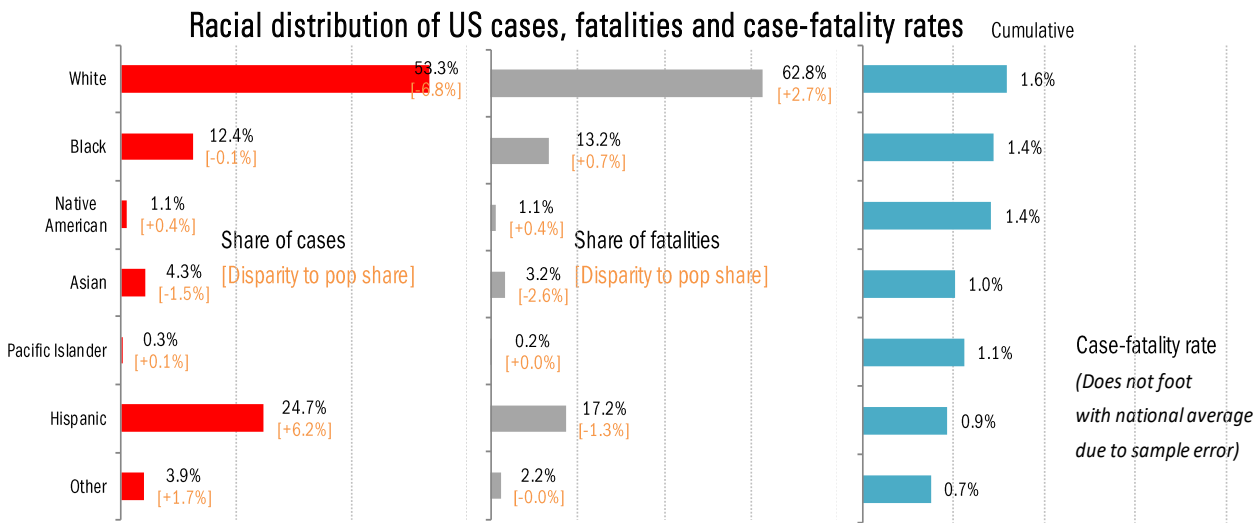
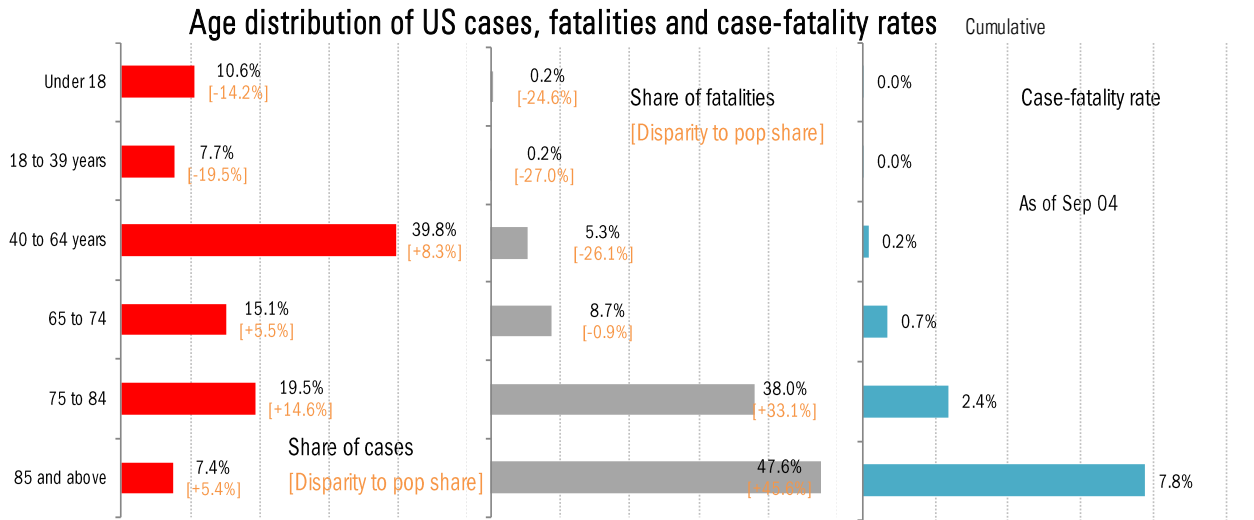
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

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

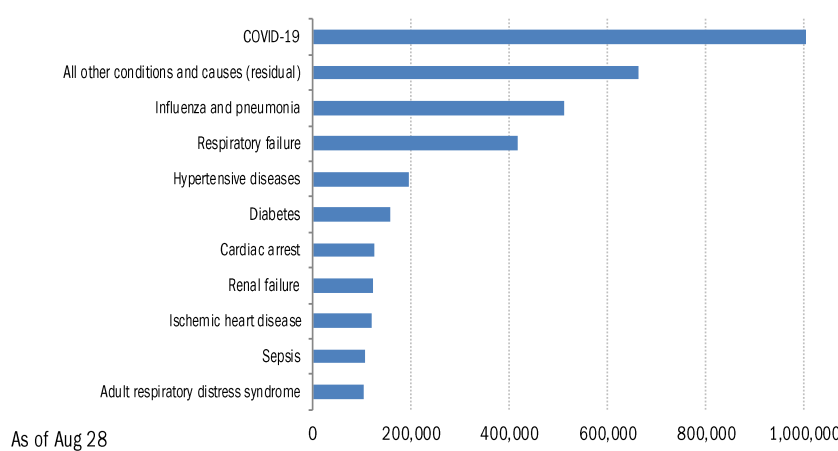


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

['Pandemic High': In Dallas County, COVID-19 Surges Among School-Aged Children](#)

Patrick Strickland
Dallas Observer
September 9, 2022

[Fauci's direct line to Zuck proves Facebook COVID censorship was all about power, not public health](#)

New York Post
September 9, 2022

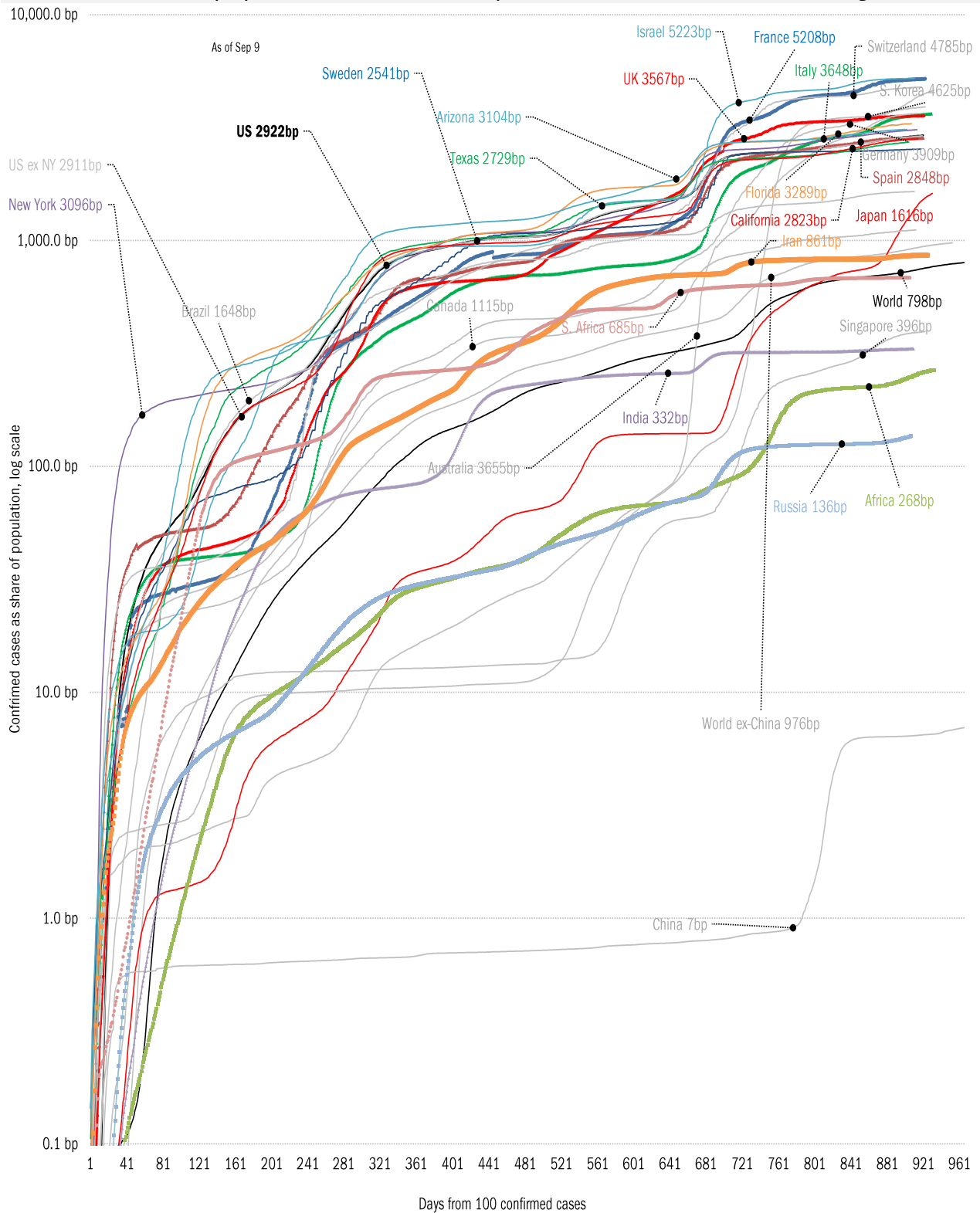
Meme of the day



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

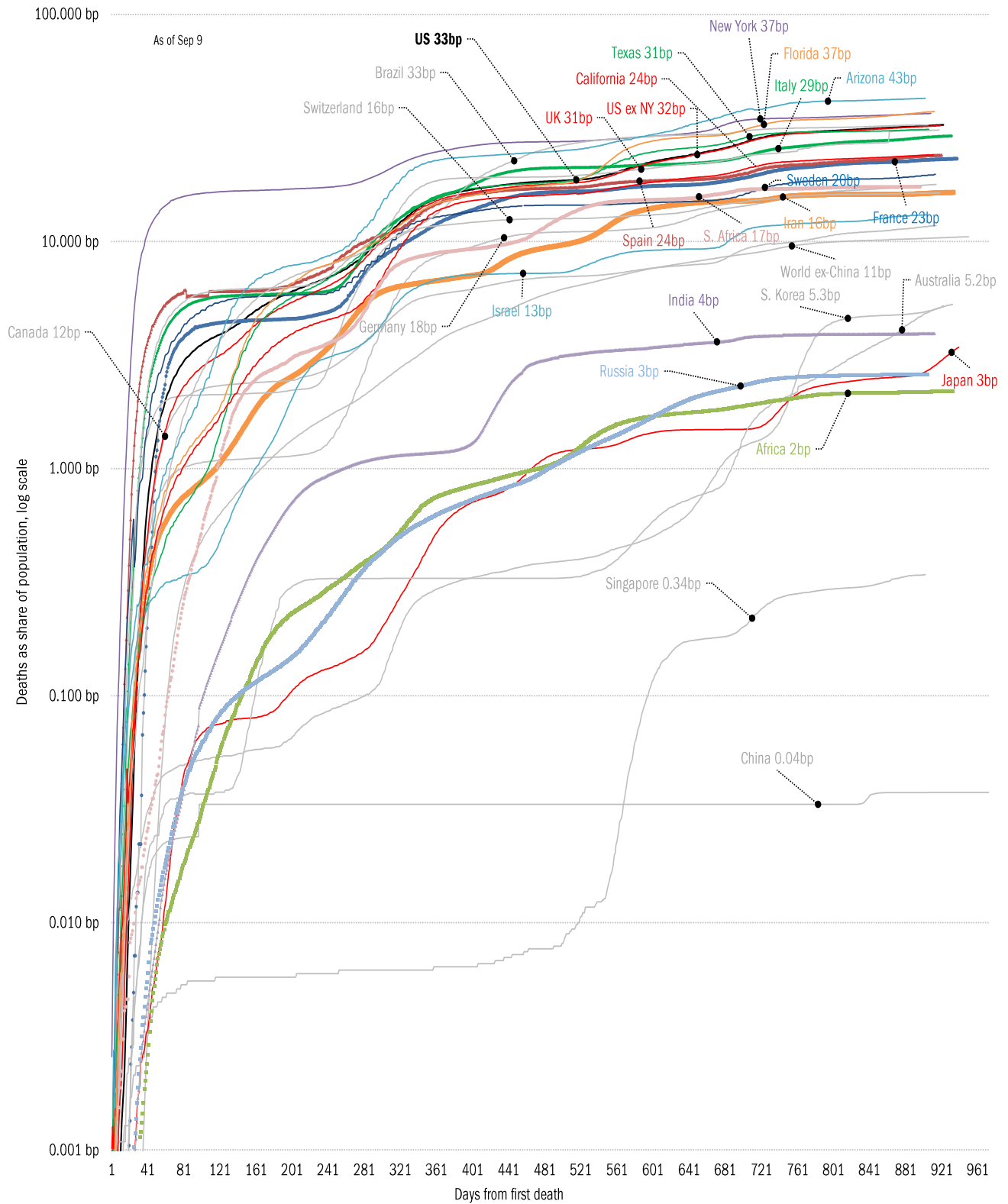
The global coronavirus case accelerometer... tracking the world's infection curves

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

Higher is good Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread

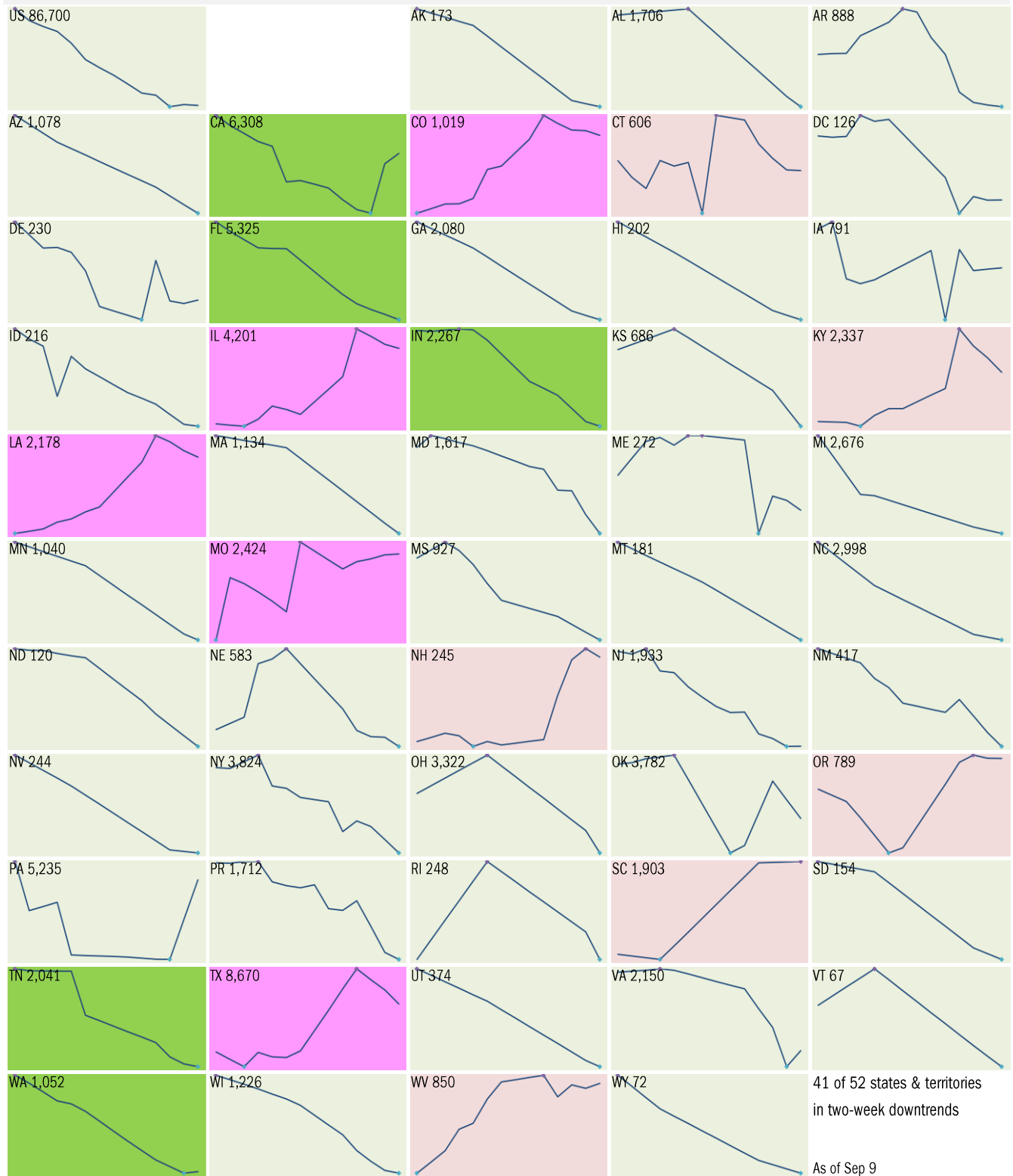


Source: [Johns Hopkins](#), TrendMacro calculations

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

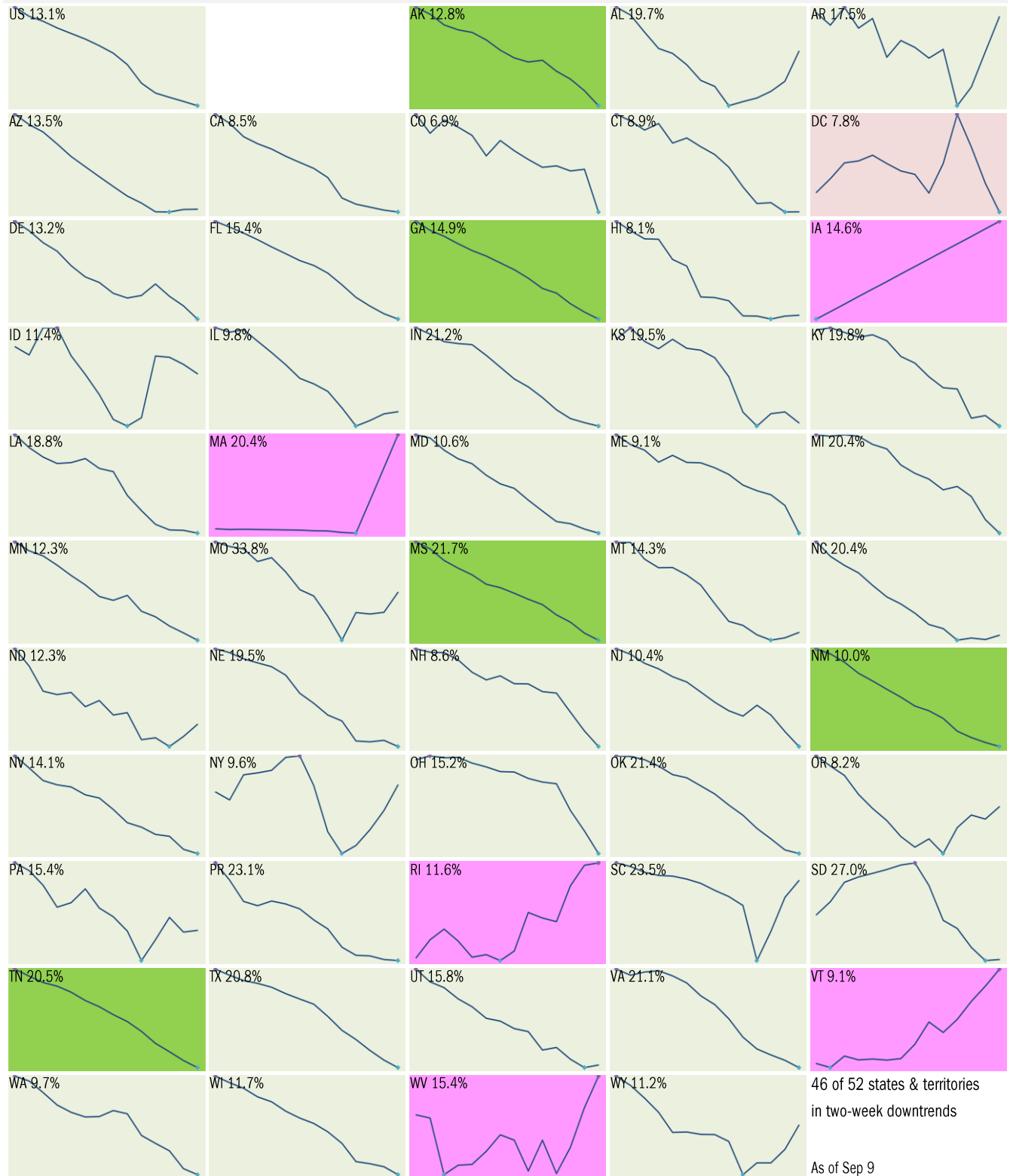


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

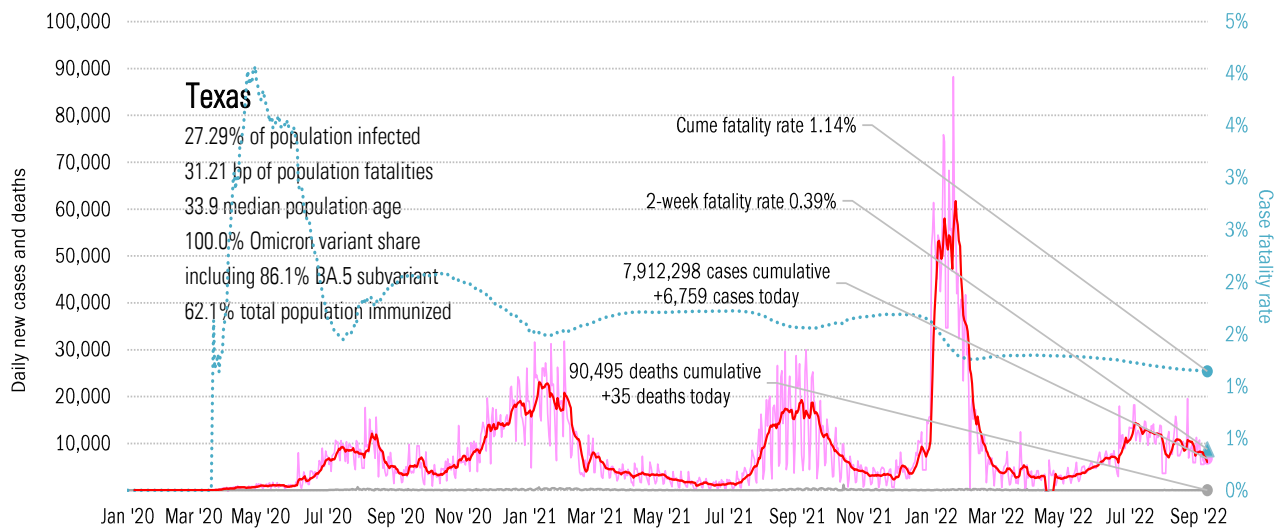
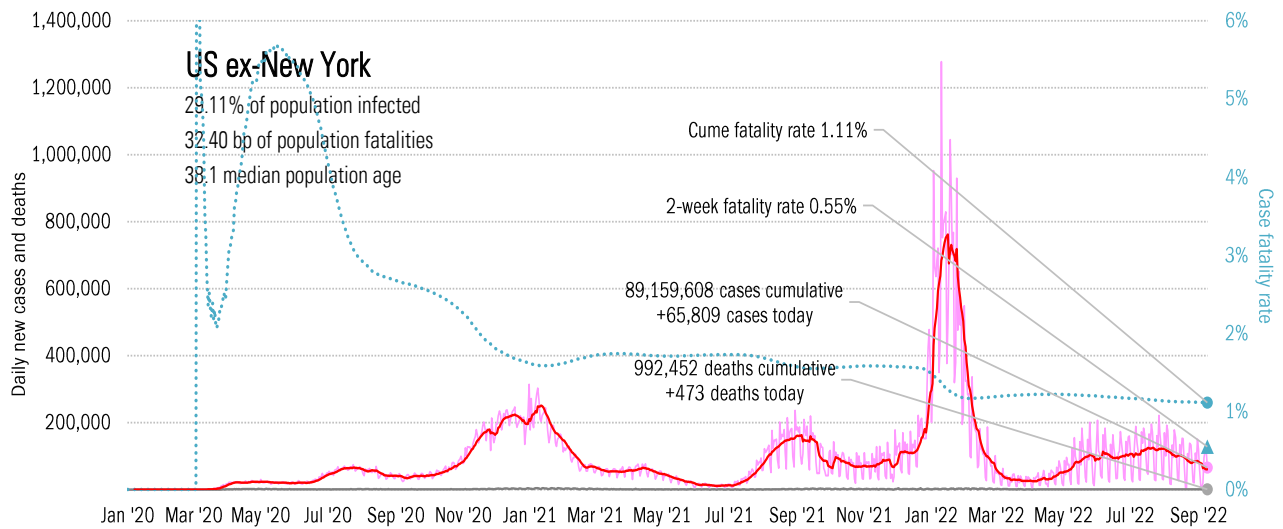
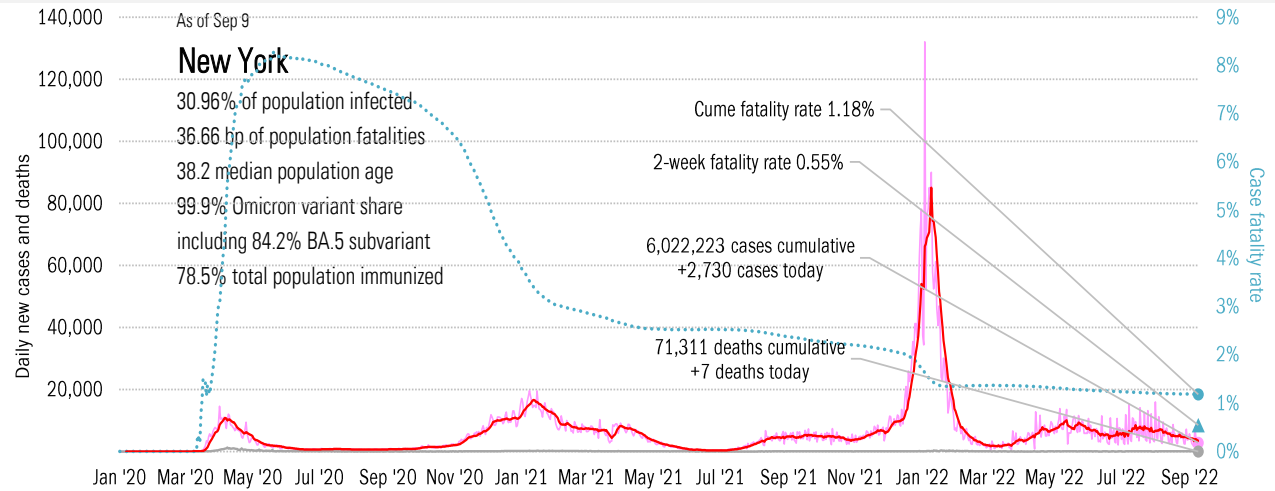
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Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande

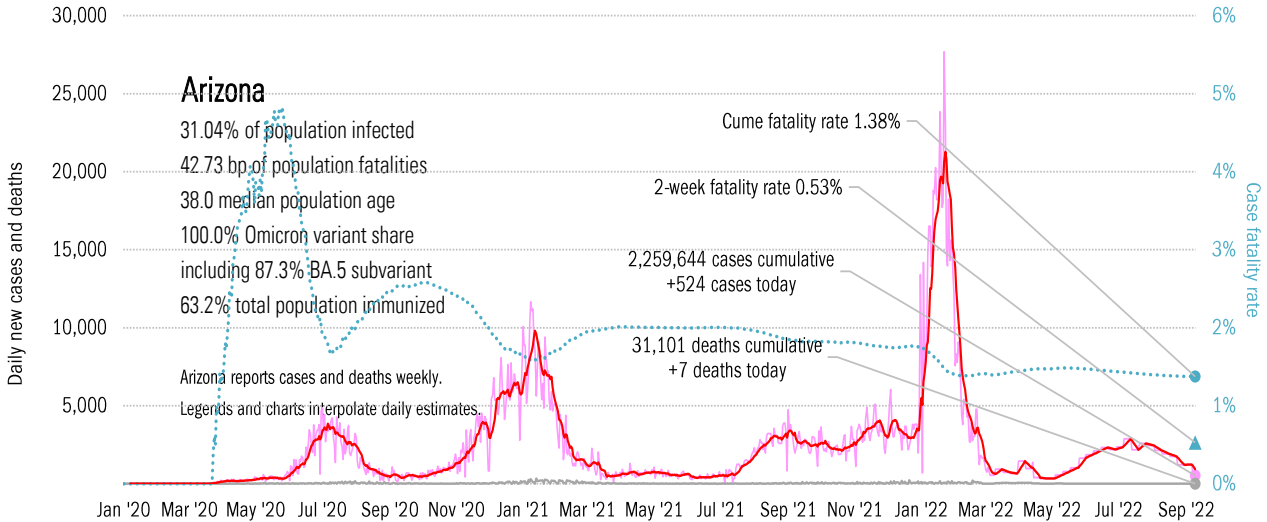
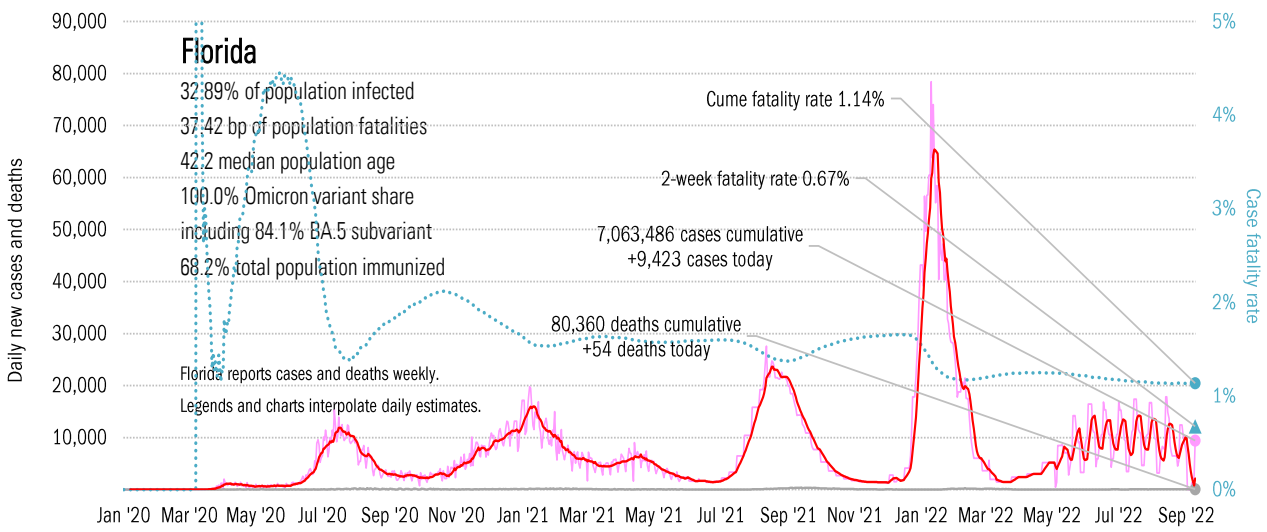
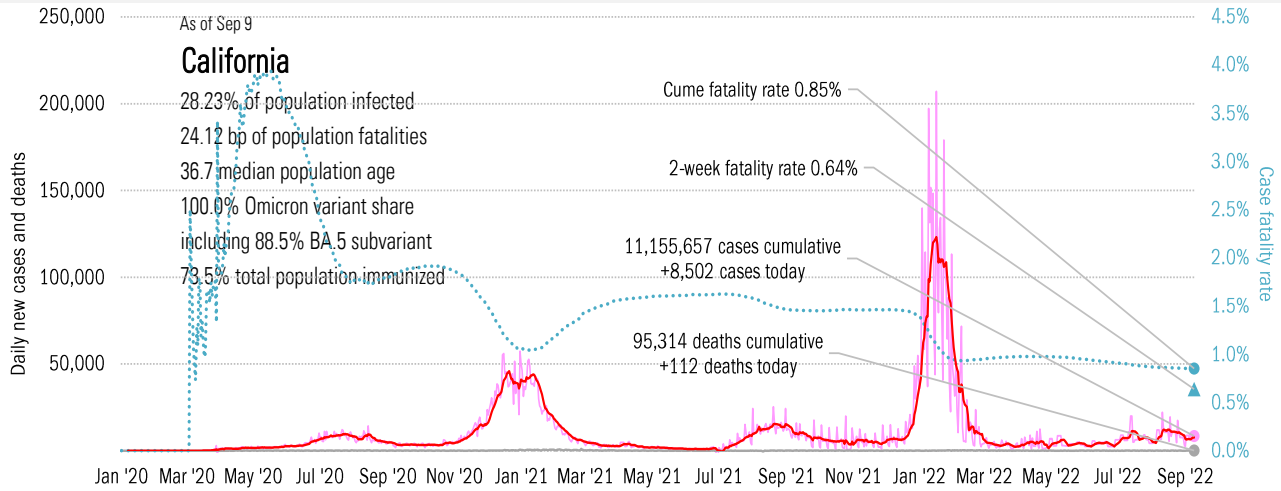
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

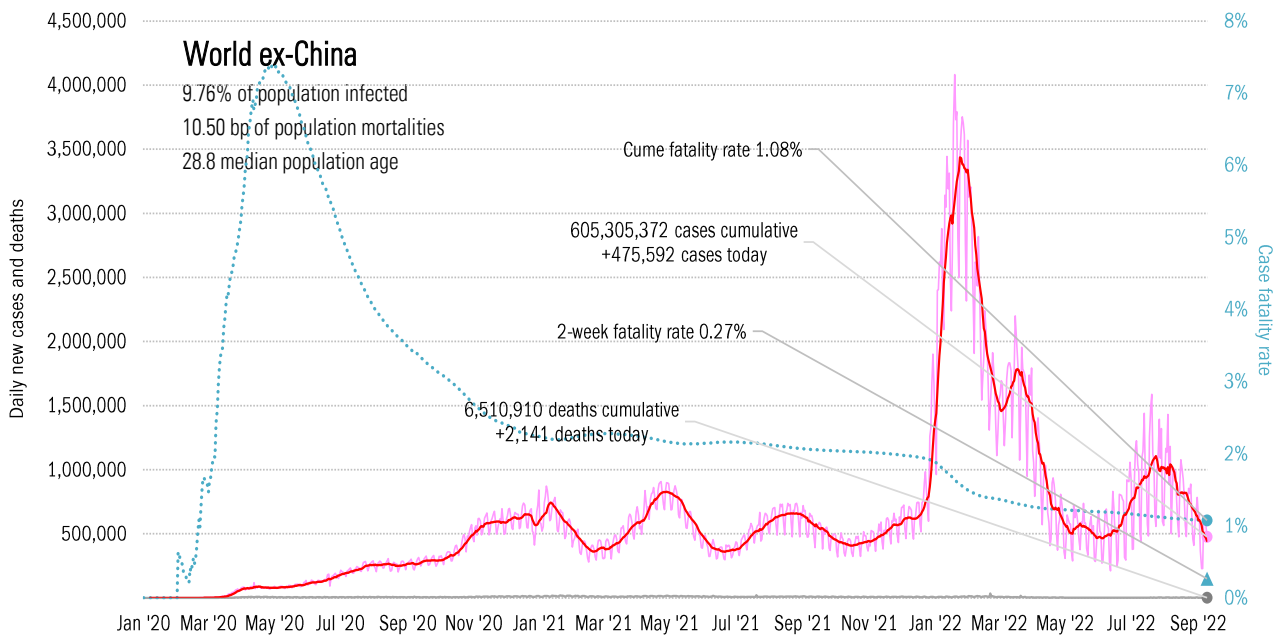
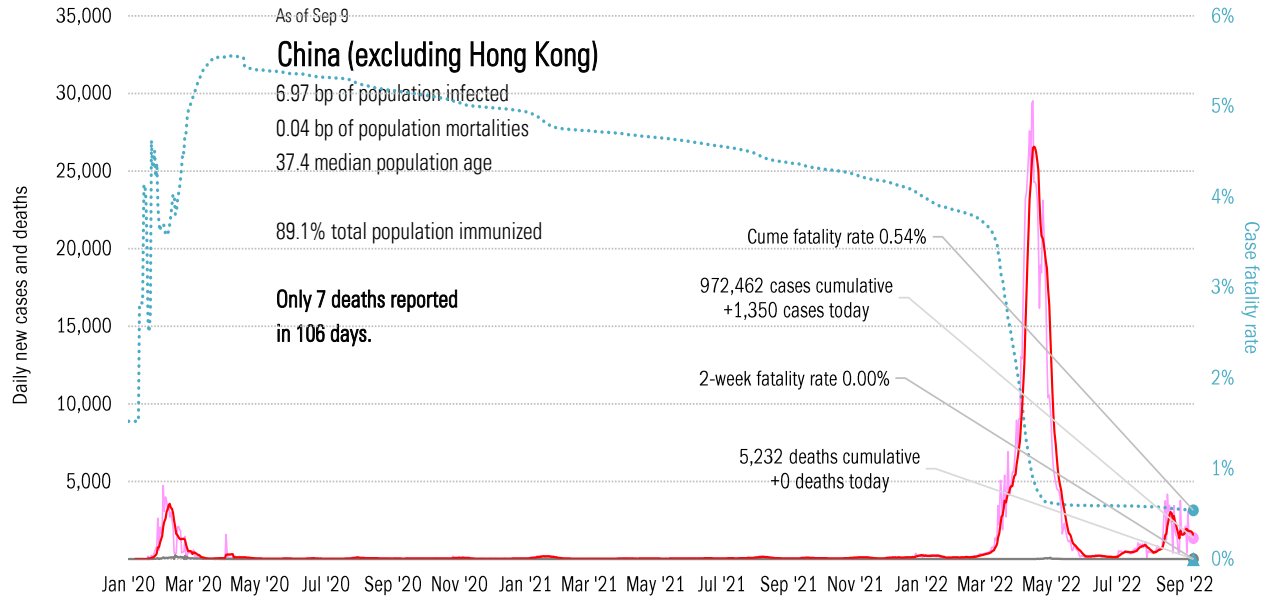
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

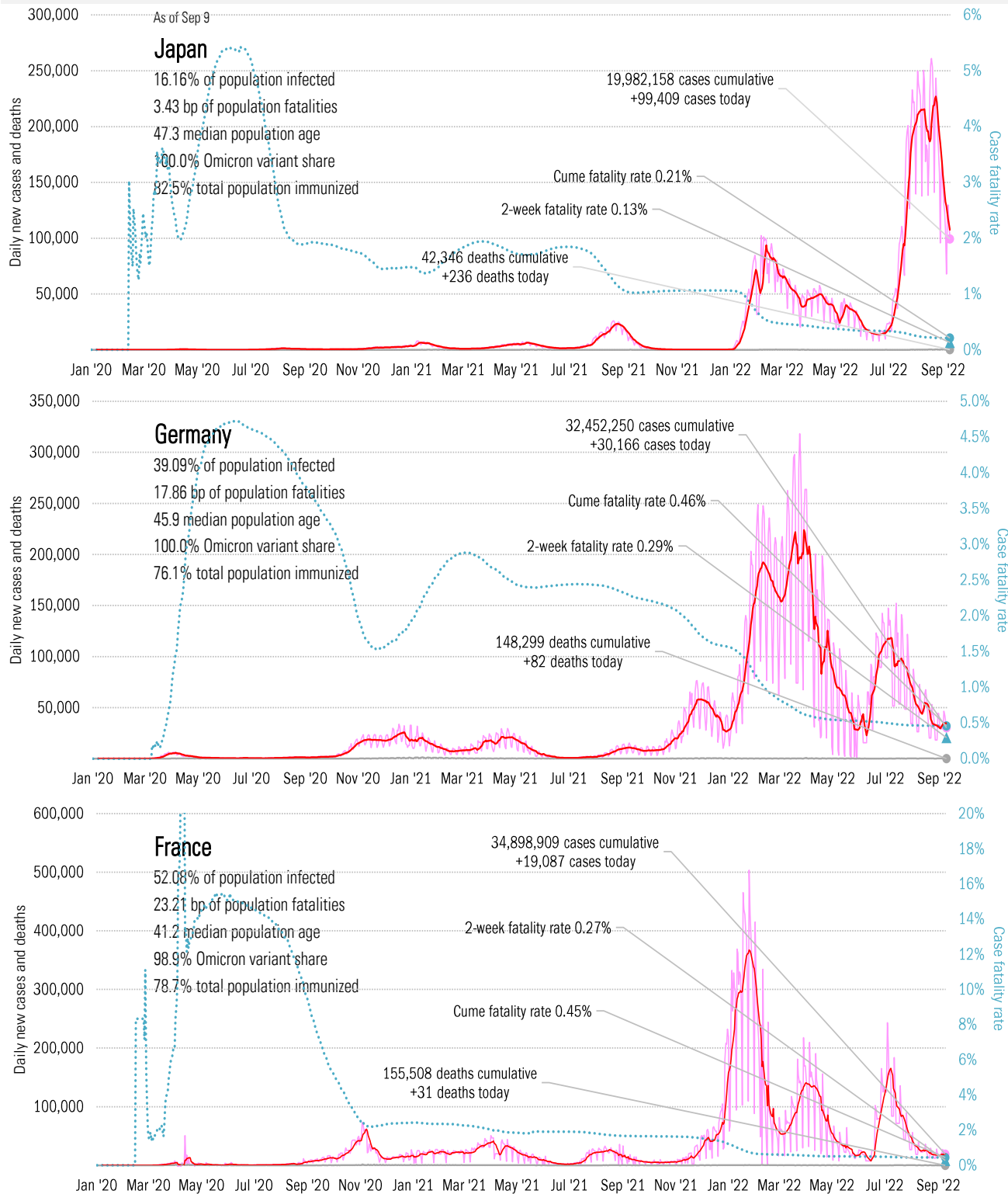
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

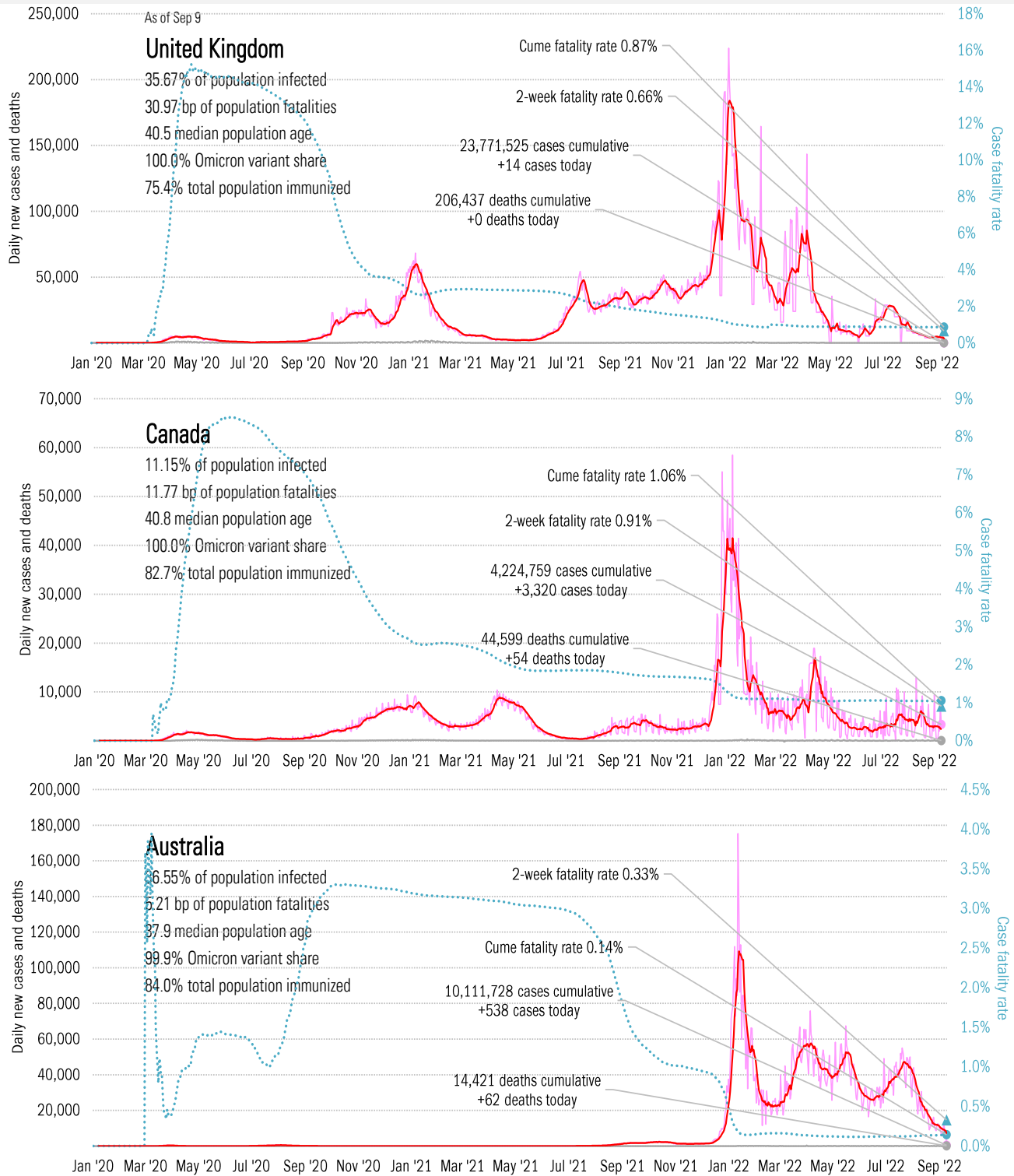
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

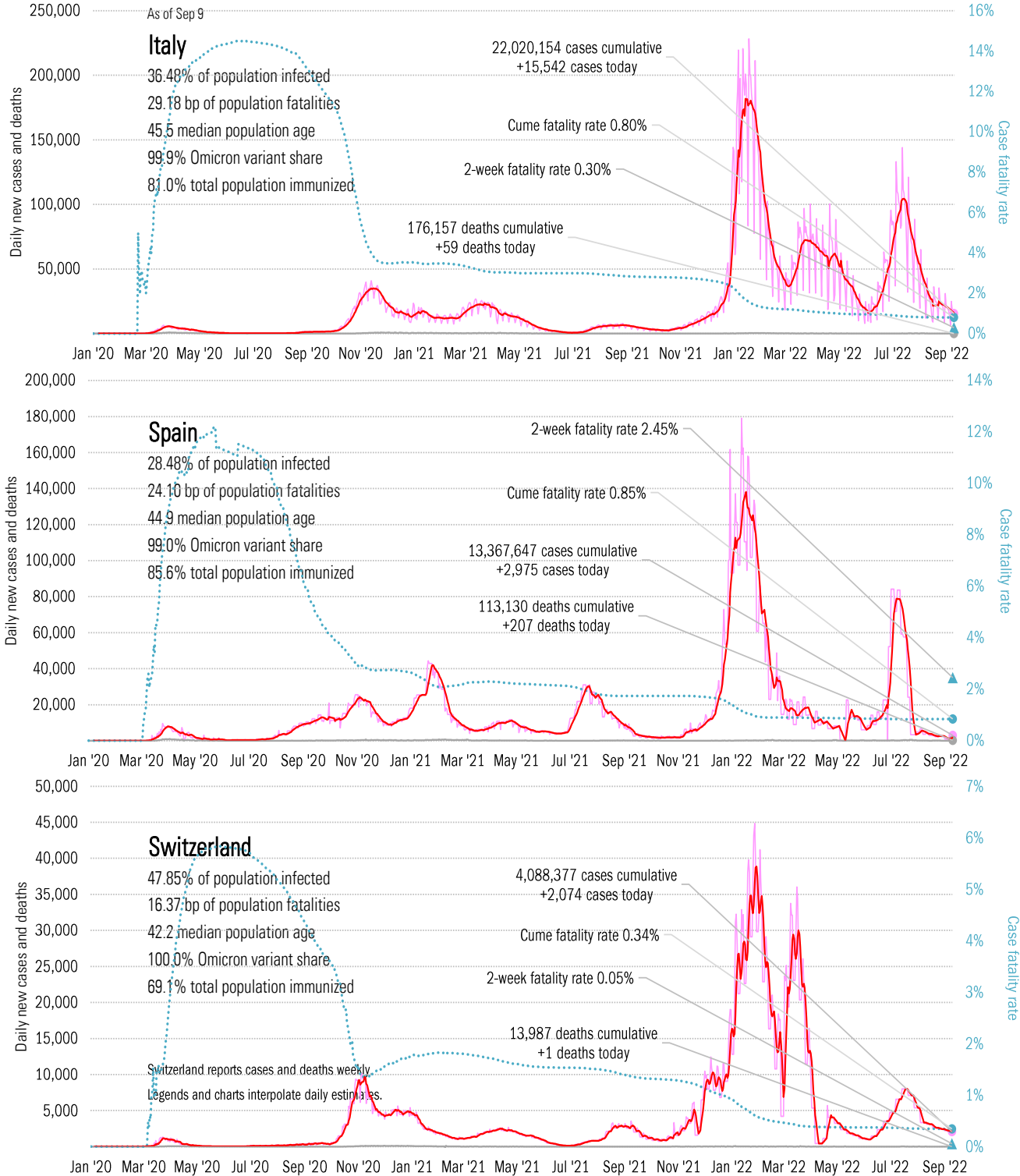
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

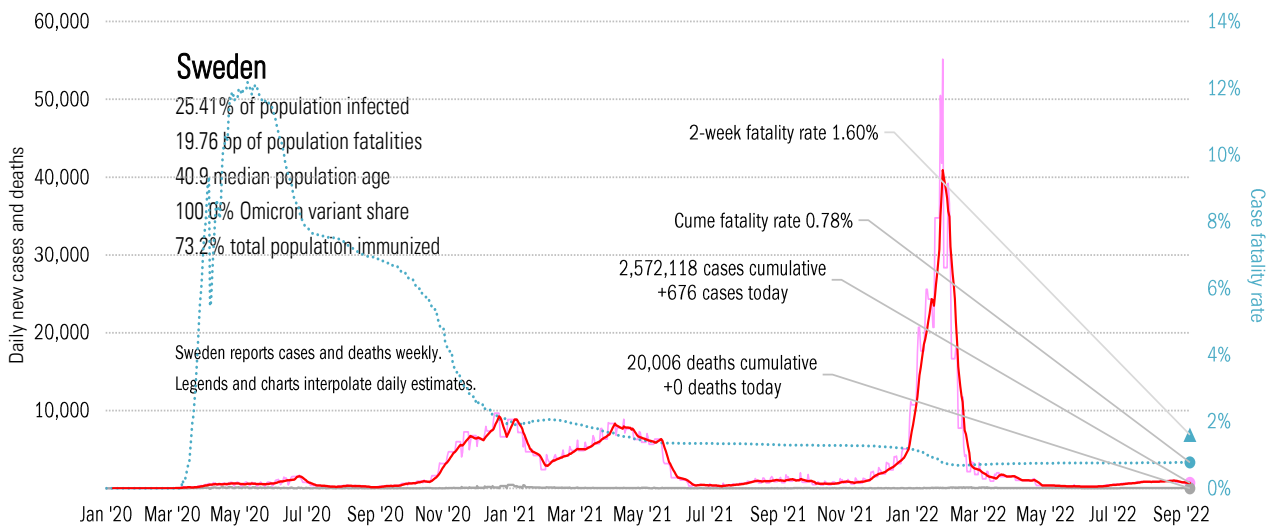
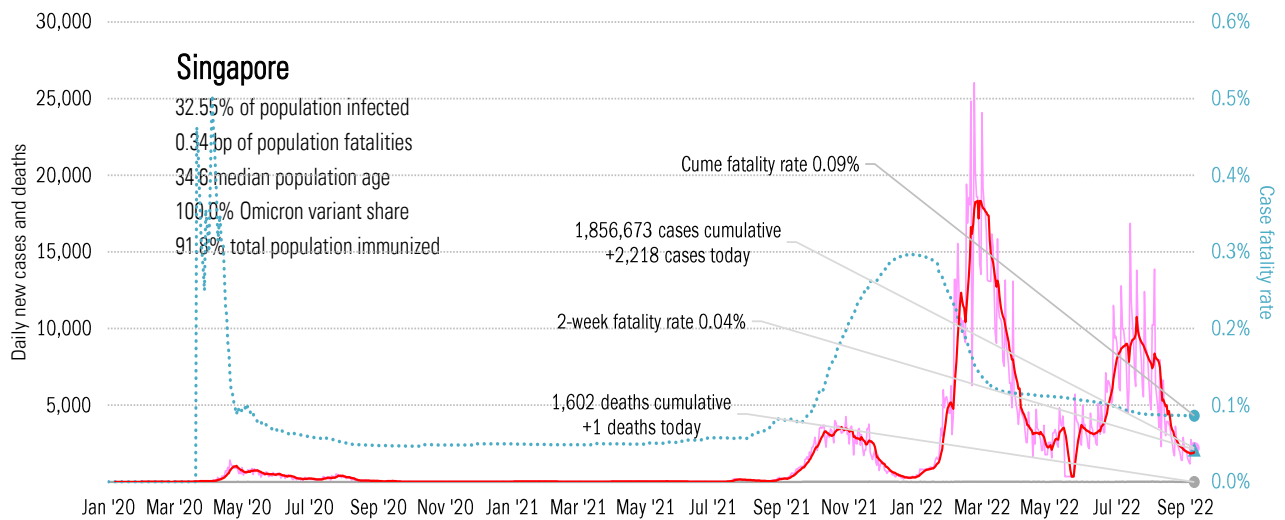
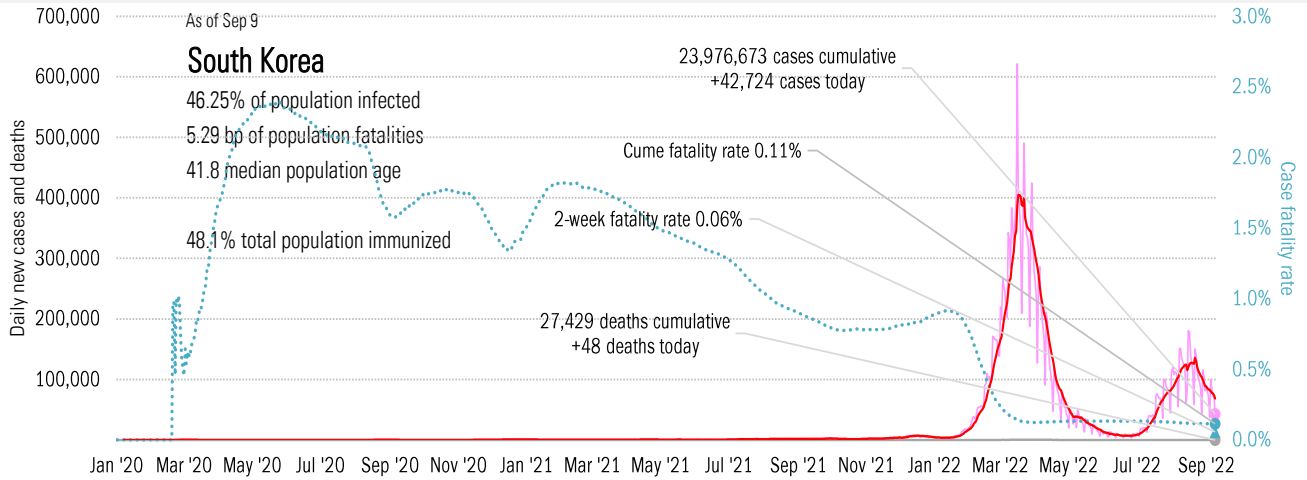
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

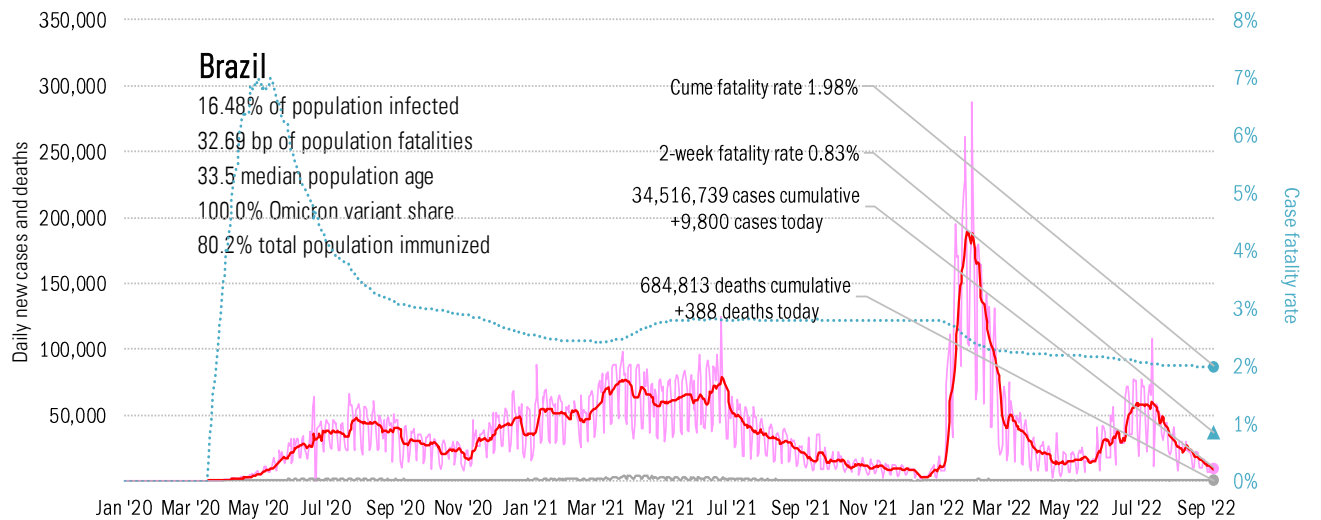
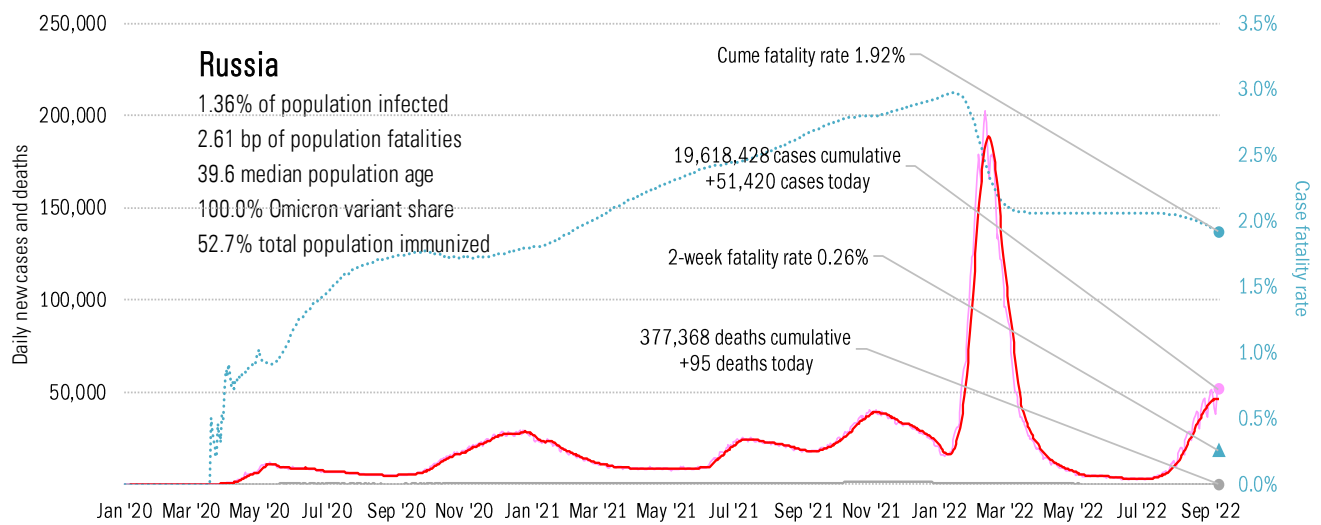
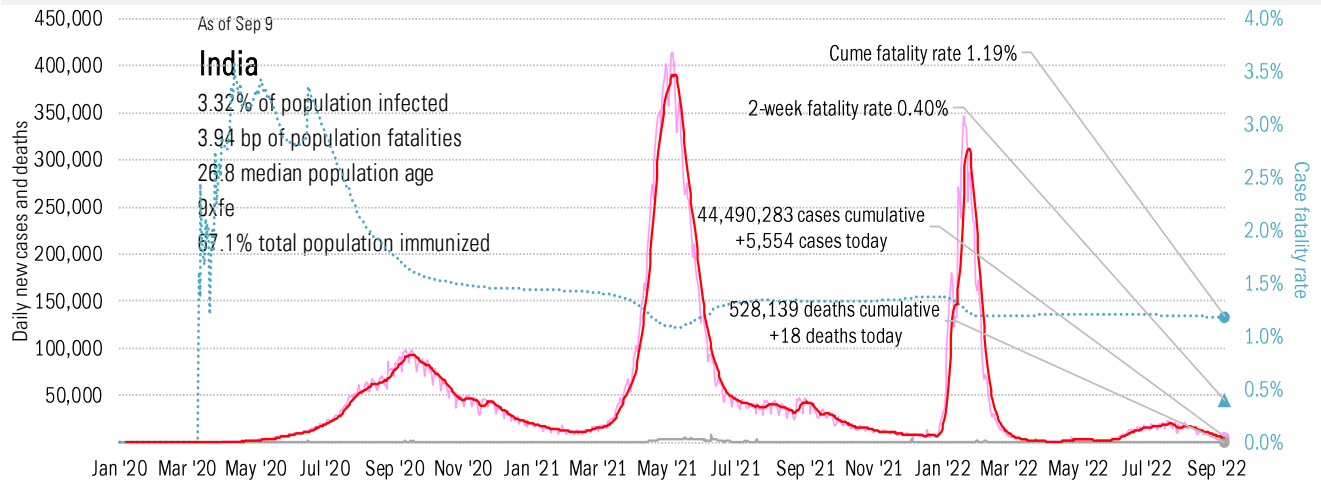
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

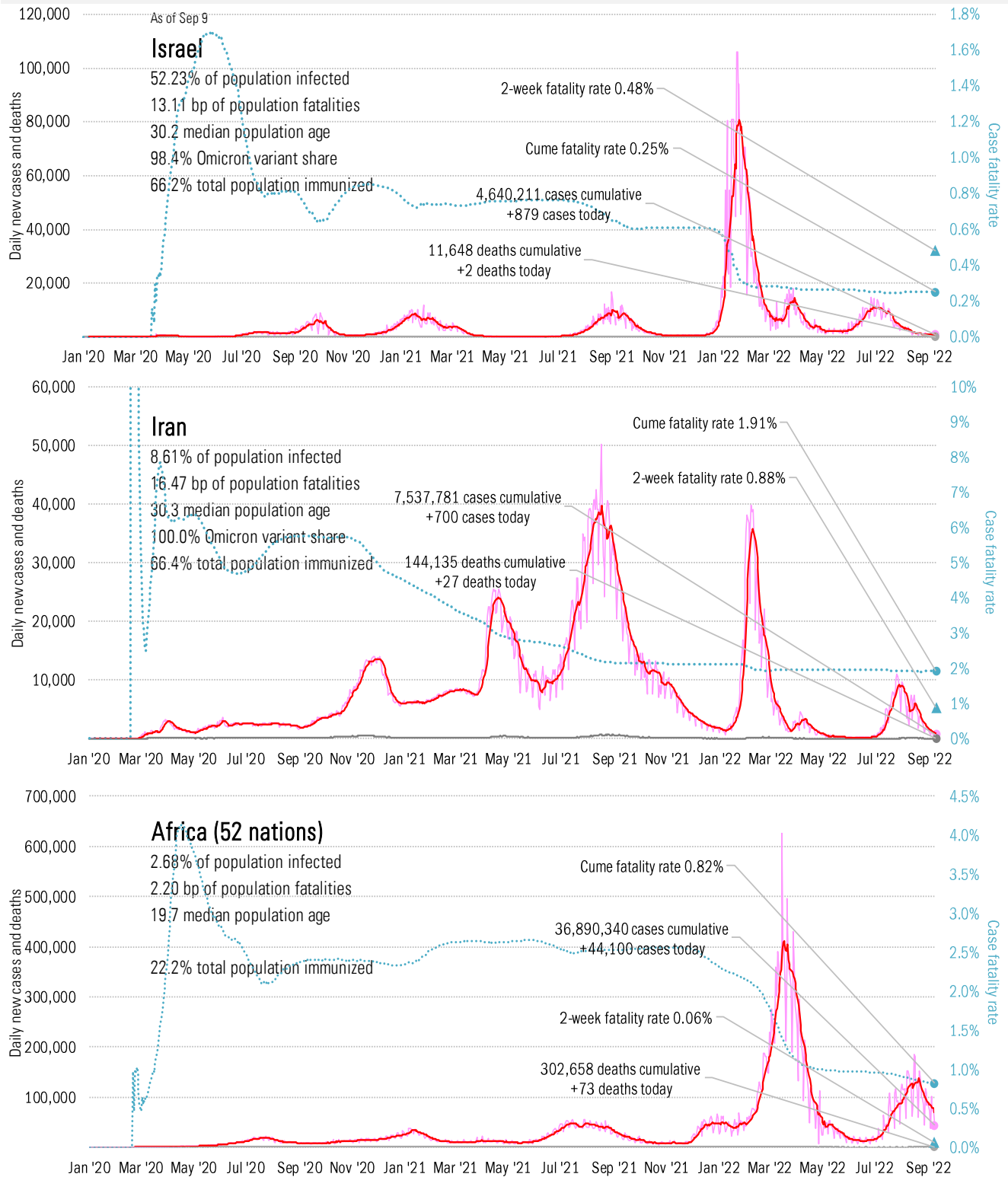
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

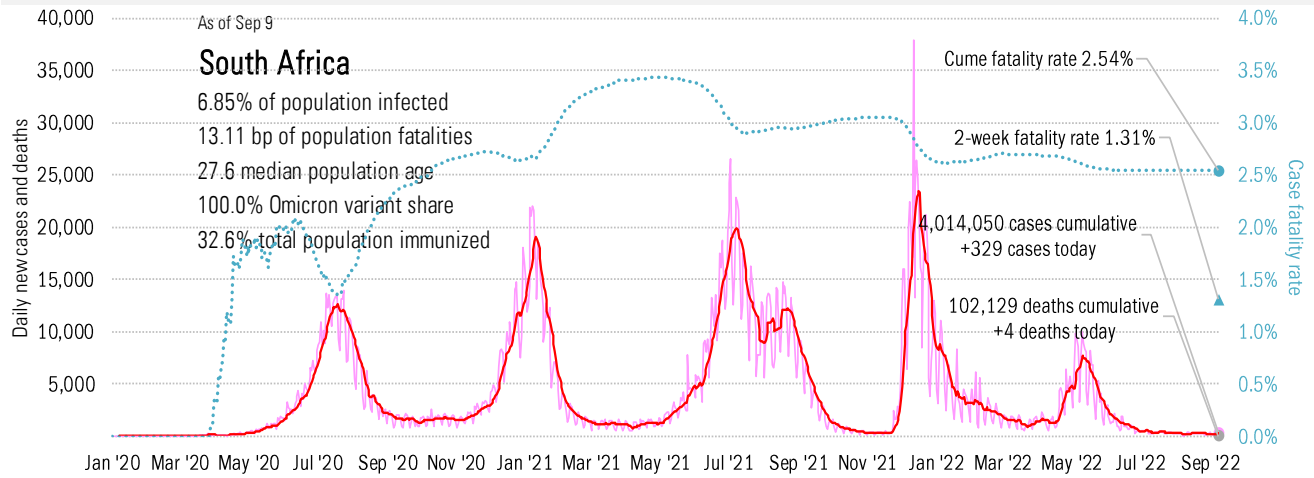
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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