

Data Insights: Covid-2019 Monitor

Wednesday, October 5, 2022

The global scorecard

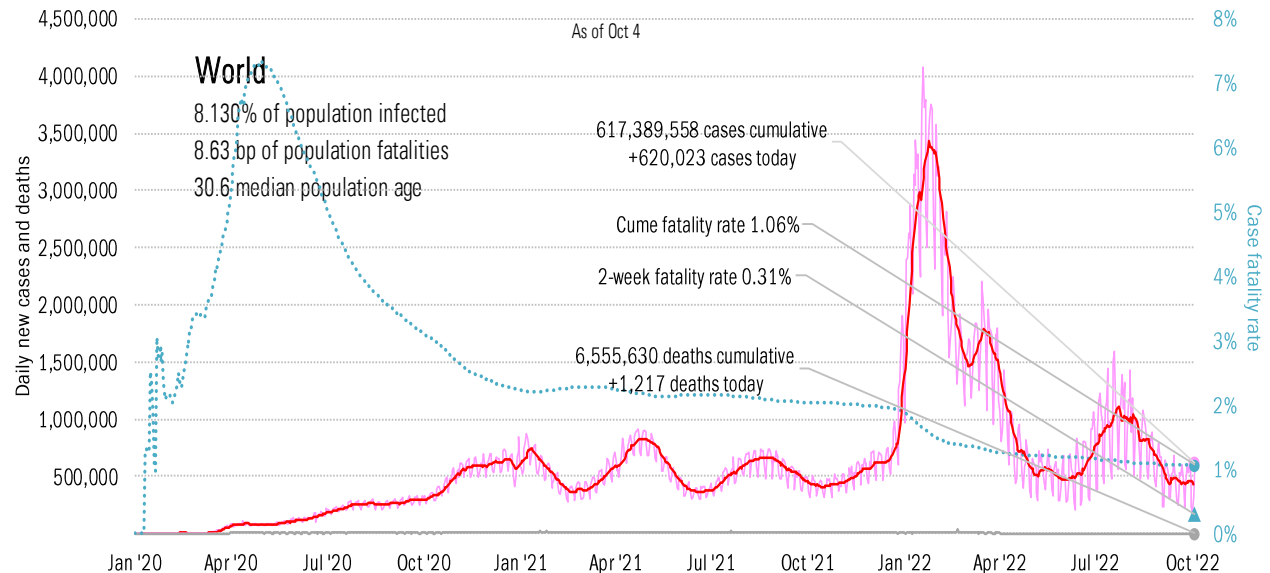
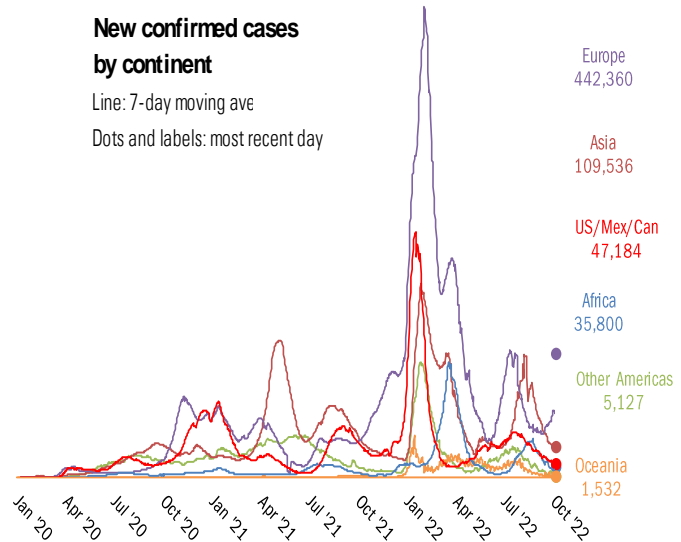
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
Germany	133,532	United States	589
France	89,189	Germany	128
Italy	60,272	Russia	104
Greece	54,875	Greece	89
Taiwan*	49,525	Spain	83
United States	44,848	France	74
Japan	39,723	Japan	65
Korea, South	34,710	Italy	60
Switzerland	25,137	Philippines	36
Russia	21,503	Poland	33
553,314		1,261	
World	620,023	World	1,217
Top ten	89%	Top ten	104%

New confirmed cases by continent

Line: 7-day moving ave
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

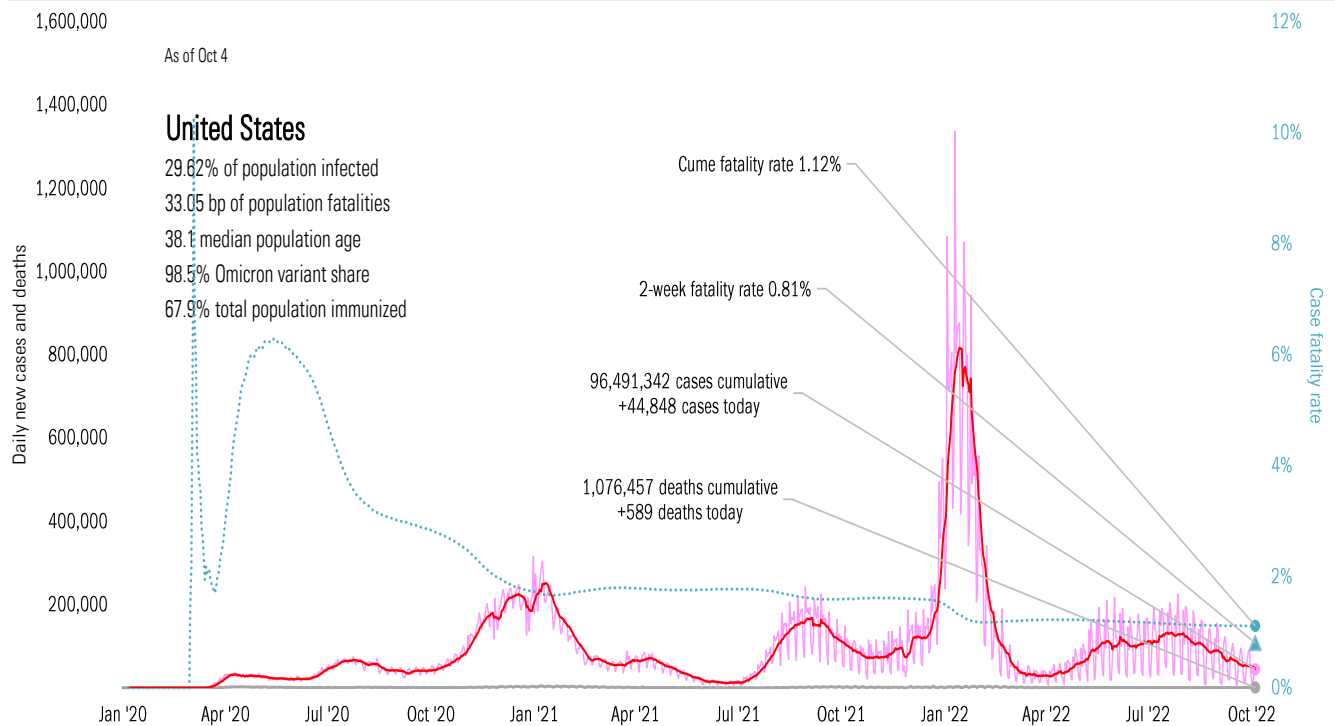
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
FL	5,774		CA	81		PA	193		CA	11,270,213		CA	96,071		TX	546,444		RI	88%	AK	86%
NY	3,555		KS	68		PR	18		TX	8,002,447		TX	90,940		CA	500,762		MA	85%	TX	84%
KY	2,344		NY	44		AZ	42		FL	7,156,749		FL	81,584		FL	494,150		WA	83%	MA	83%
NC	2,299		IN	34		IL	127		NY	6,137,273		NY	71,899		NY	300,793		MN	82%	NH	81%
NJ	1,946		AR	32		HI	19		IL	3,767,439		PA	47,213		GA	226,062		DE	81%	NC	80%
CO	1,885		FL	29		IN	56		PA	3,254,818		GA	40,281		CH	218,745		MO	80%	WA	80%
MI	1,840		TN	28		WV	33		NC	3,198,866		CH	39,856		PA	204,418		GA	80%	AL	79%
H	1,822		TX	27		WY	9		CH	3,143,746		IL	39,732		IL	187,107		DC	80%	DC	78%
CH	1,729		MI	20		AS	0		GA	2,905,400		MI	38,767		MI	163,066		CR	79%	CR	78%
TN	1,609		VA	17		GU	0		MI	2,849,047		NJ	34,759		KY	145,253		AK	79%	NM	78%
24,803			380			497			51,685,998			581,102			2,986,800						
All states 44,848			589			3,068			All states 96,491,342			1,076,457			5,419,023			All states 70%		67%	
Top ten 55%			65%			16%			Top ten 54%			55%			55%			Median 73%		69%	

Some states not reporting

Five most improved US states

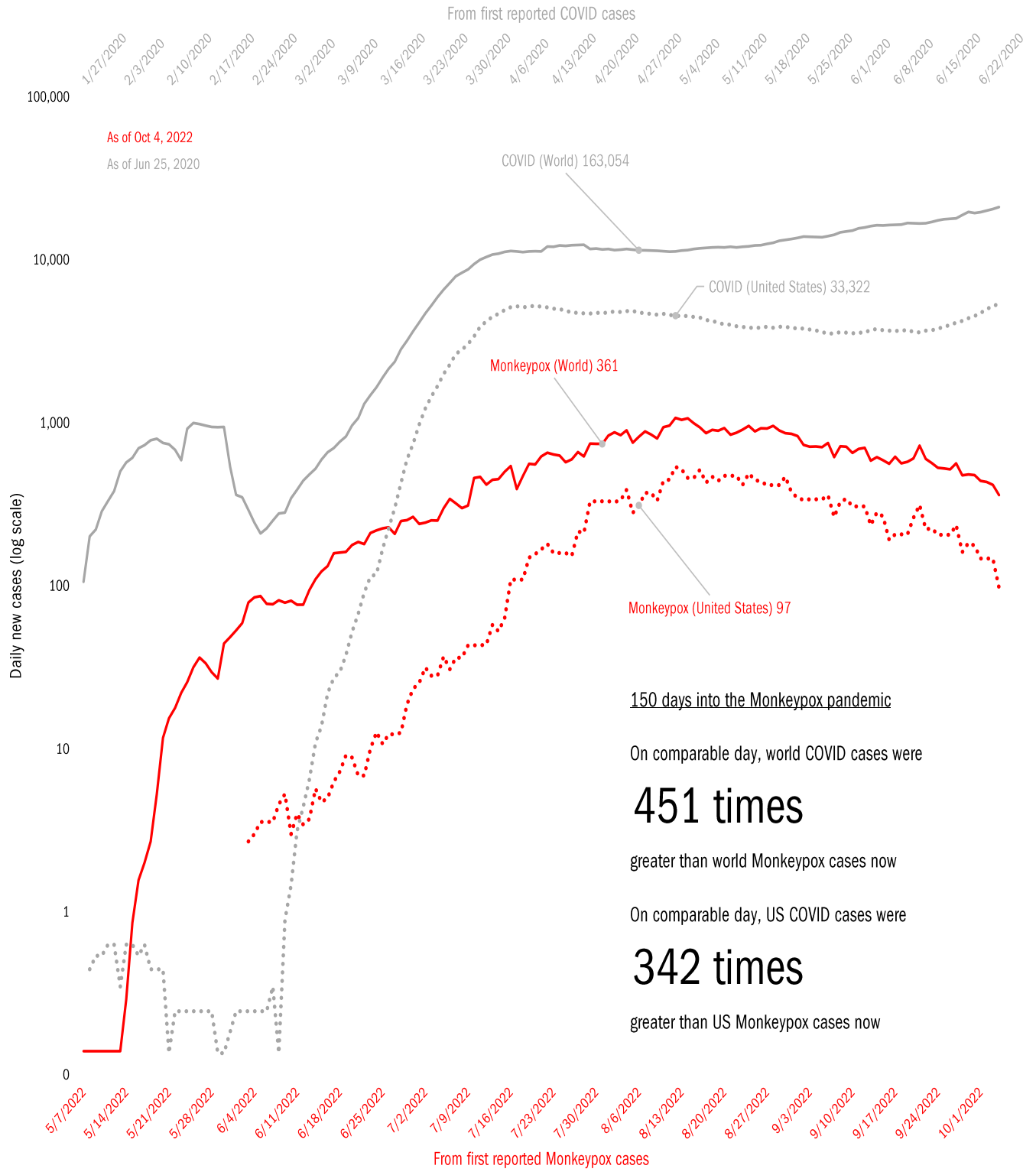
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-3,516	VA	-18	NY	-57
WA	-2,393	WA	-11	CA	-41
KY	-1,445	CO	-6	TN	-37
CA	-1,292	IL	-6	NJ	-35
TX	-1,273	AK	0	WA	-34



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

The Monkeypox contextualizer

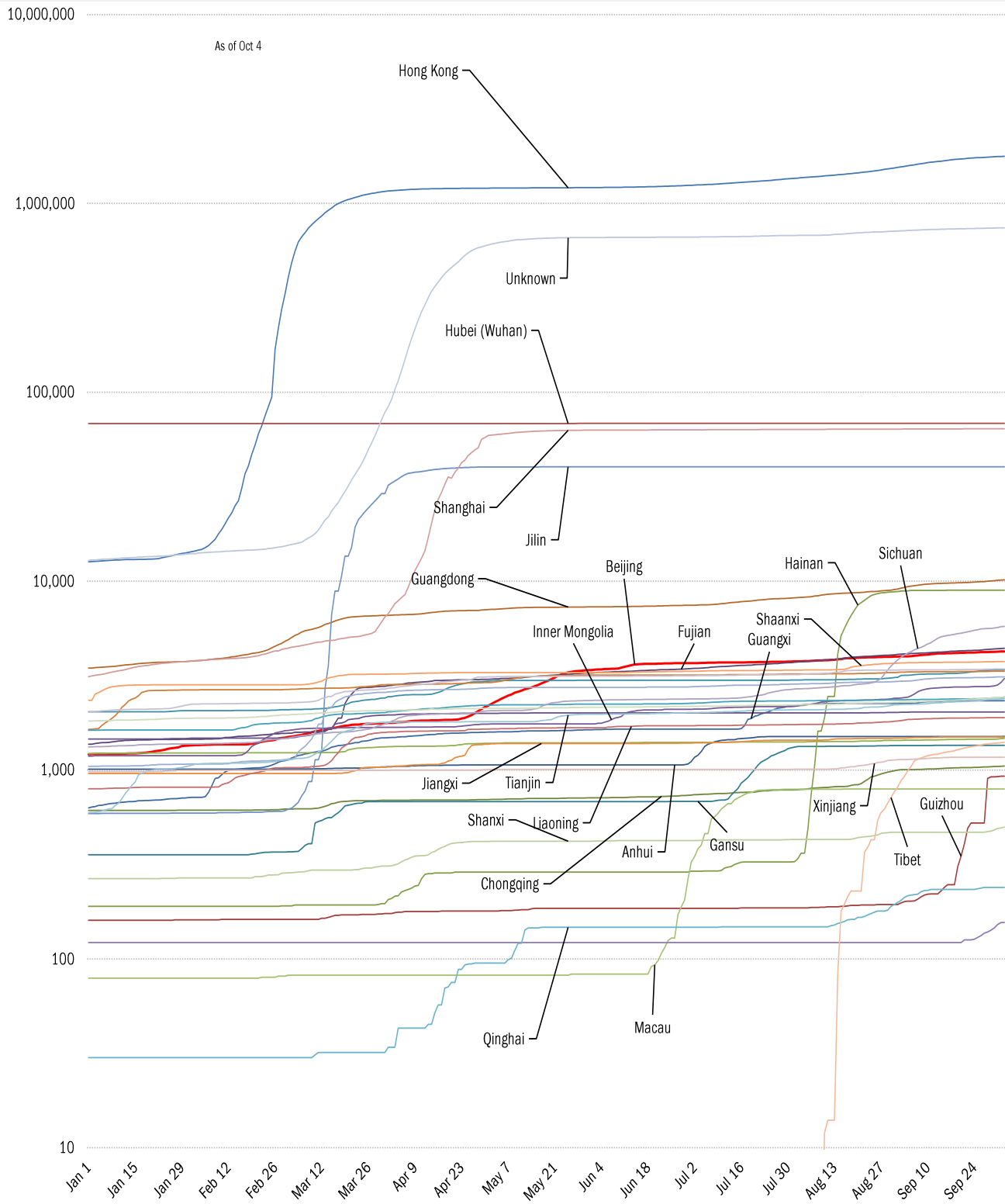
The course of case growth versus COVID



Source: [Our World In Data](https://ourworldindata.org), TrendMacro calculations

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

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

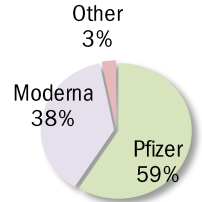


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	631,639,689		+0.490 million		US	67.8%	79.5%
of which boosters	111,721,786		+0.055 million		UK	75.4%	80.0%
	One dose	% Pop	Immune	% pop	New immune today	France	78.7%
Total population	272,009,452	81%	231,527,726	69%	+0.050 million	Spain	85.6%
Age 12 to 17	18,203,927	72%	15,554,814	61%	+0.002 million	Germany	76.1%
Age 18 to 64	181,388,452	89%	154,049,342	76%	+0.024 million	Italy	81.0%
Age 65 and over	59,876,702	100%	52,388,902	96%	+0.011 million	Australia	84.0%
						Israel	66.2%
						Canada	82.7%
						Japan	82.5%
						Africa	22.6%
						India	67.3%
						Brazil	80.3%
						China	89.1%



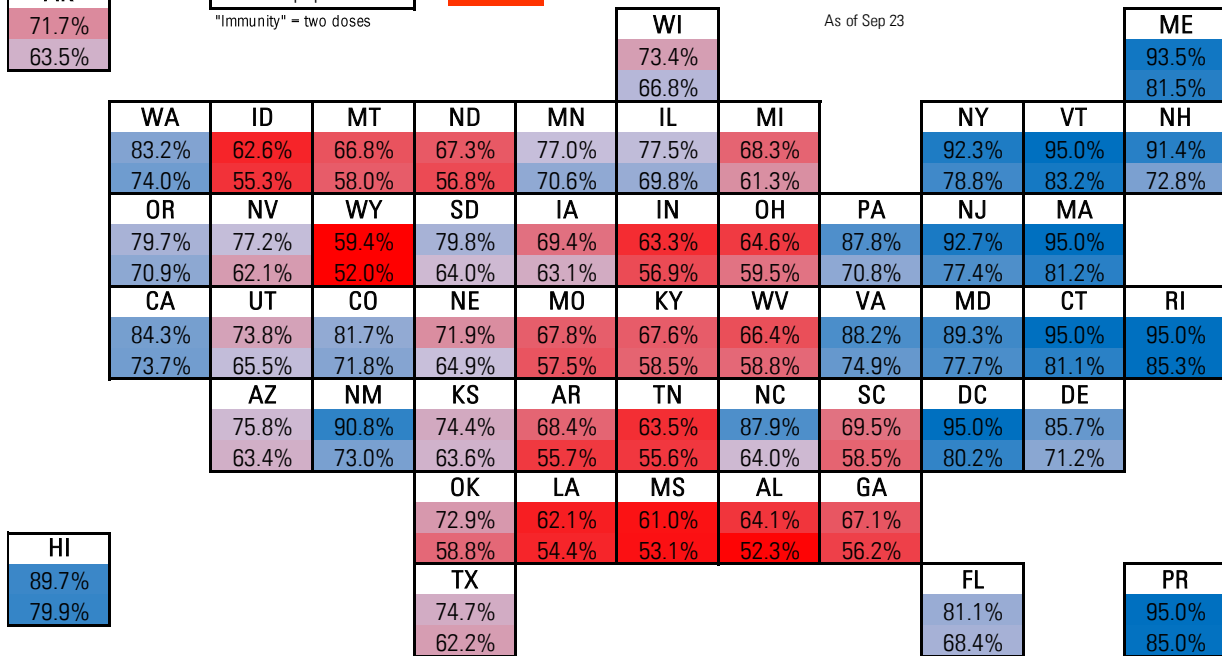
AK	71.7%
	63.5%

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

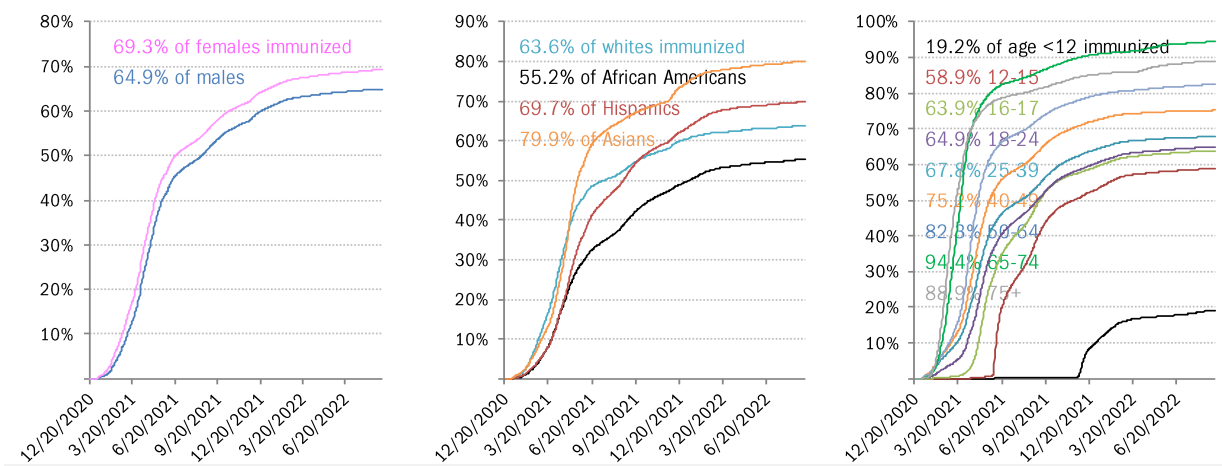
Best
Middle
Worst

"Immunity" = two doses

Global data differs due to sources, timing

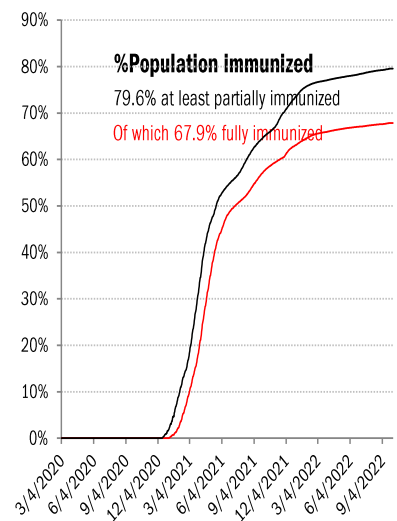
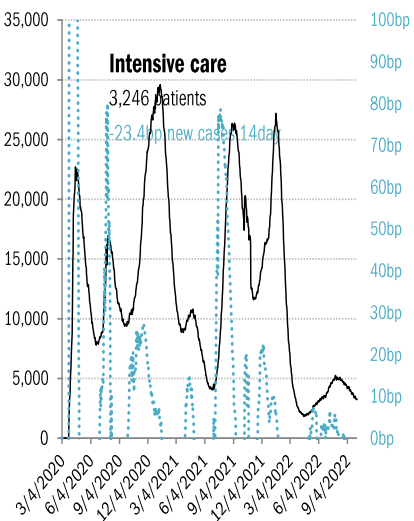
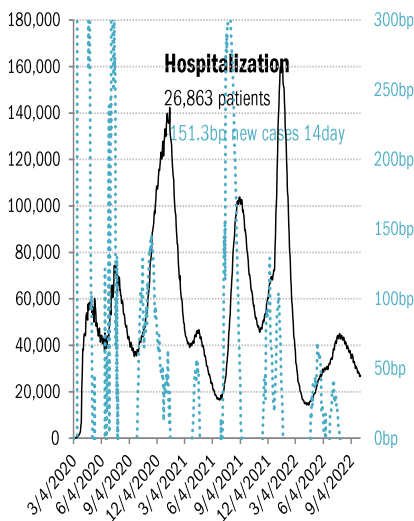
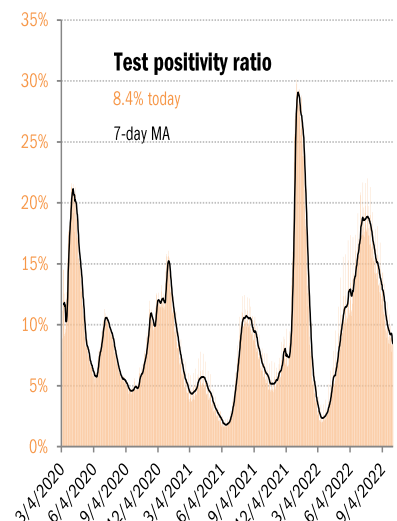
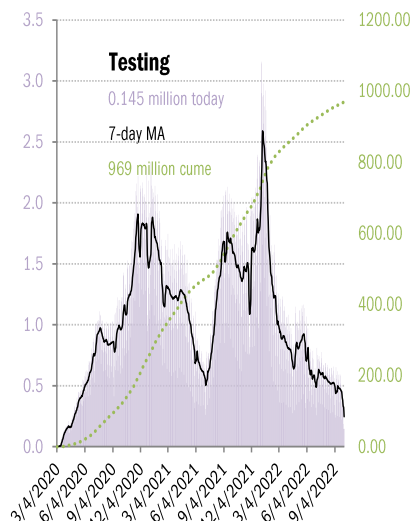
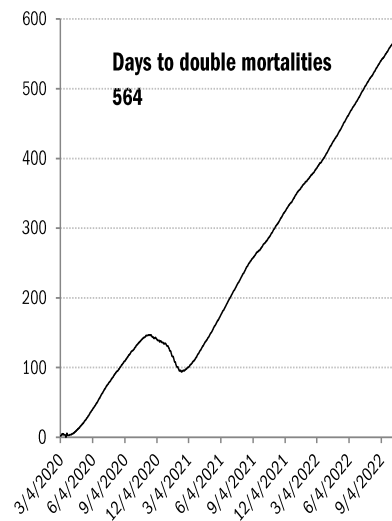
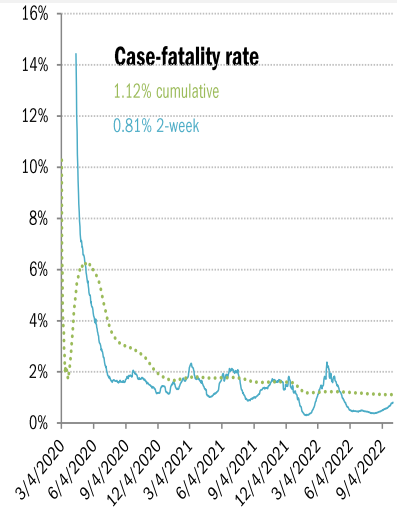
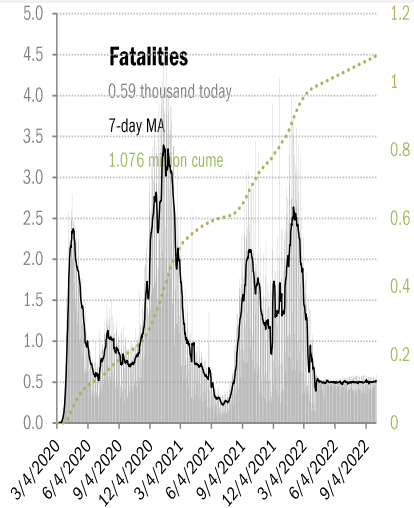
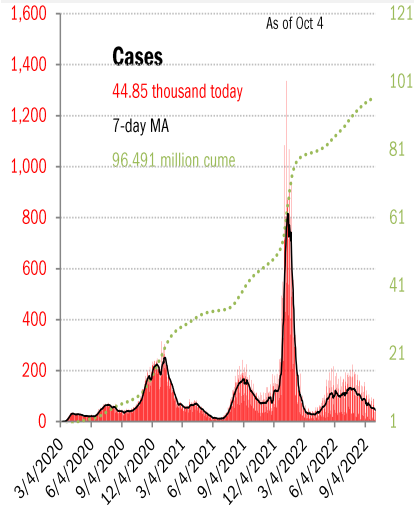


The demographics of US vaccination

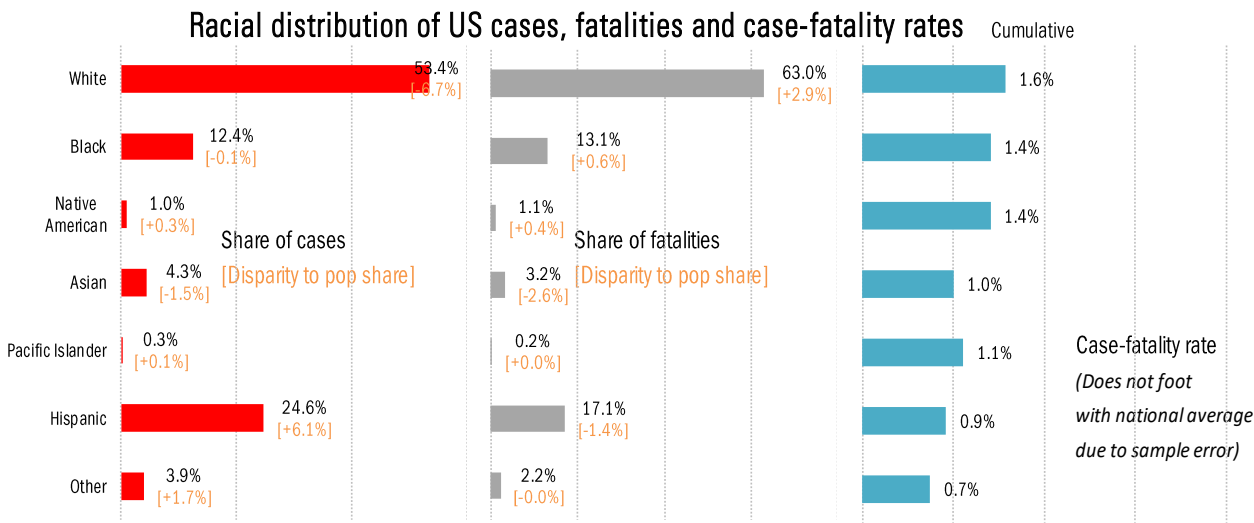
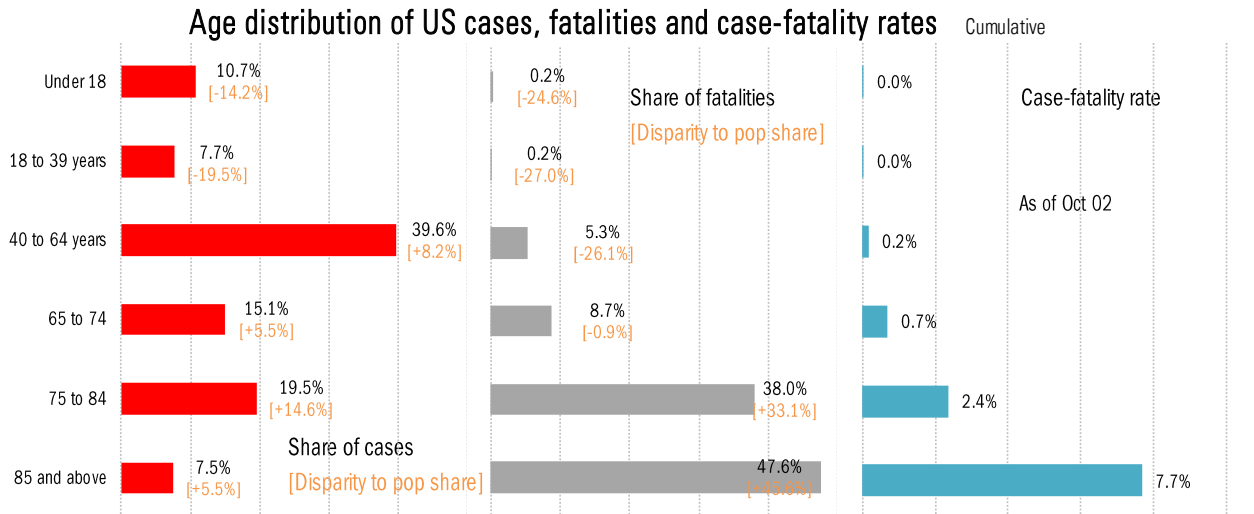


Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

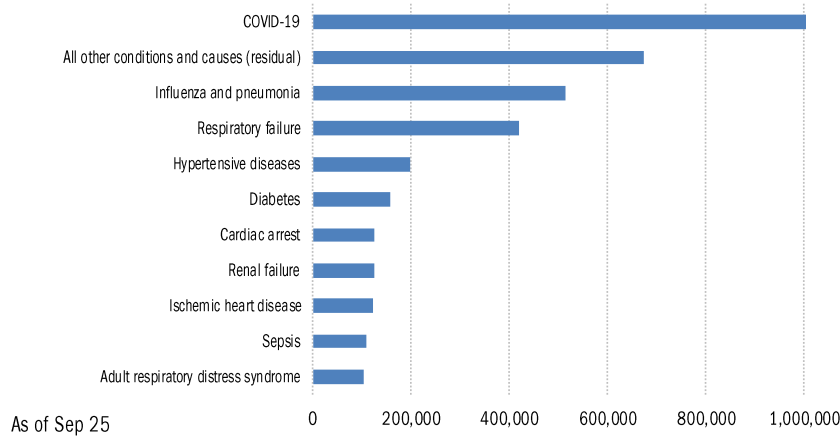


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

[Goodbye Covid \(part 2\)](#)

Alex Berenson
Unreported Truths
October 4, 2022

[New movie: "Safe and Effective"](#)

Steve Kirsch
Steve Kirsch's Newsletter
October 4, 2022

[Safe and Effective: A Second Opinion](#)

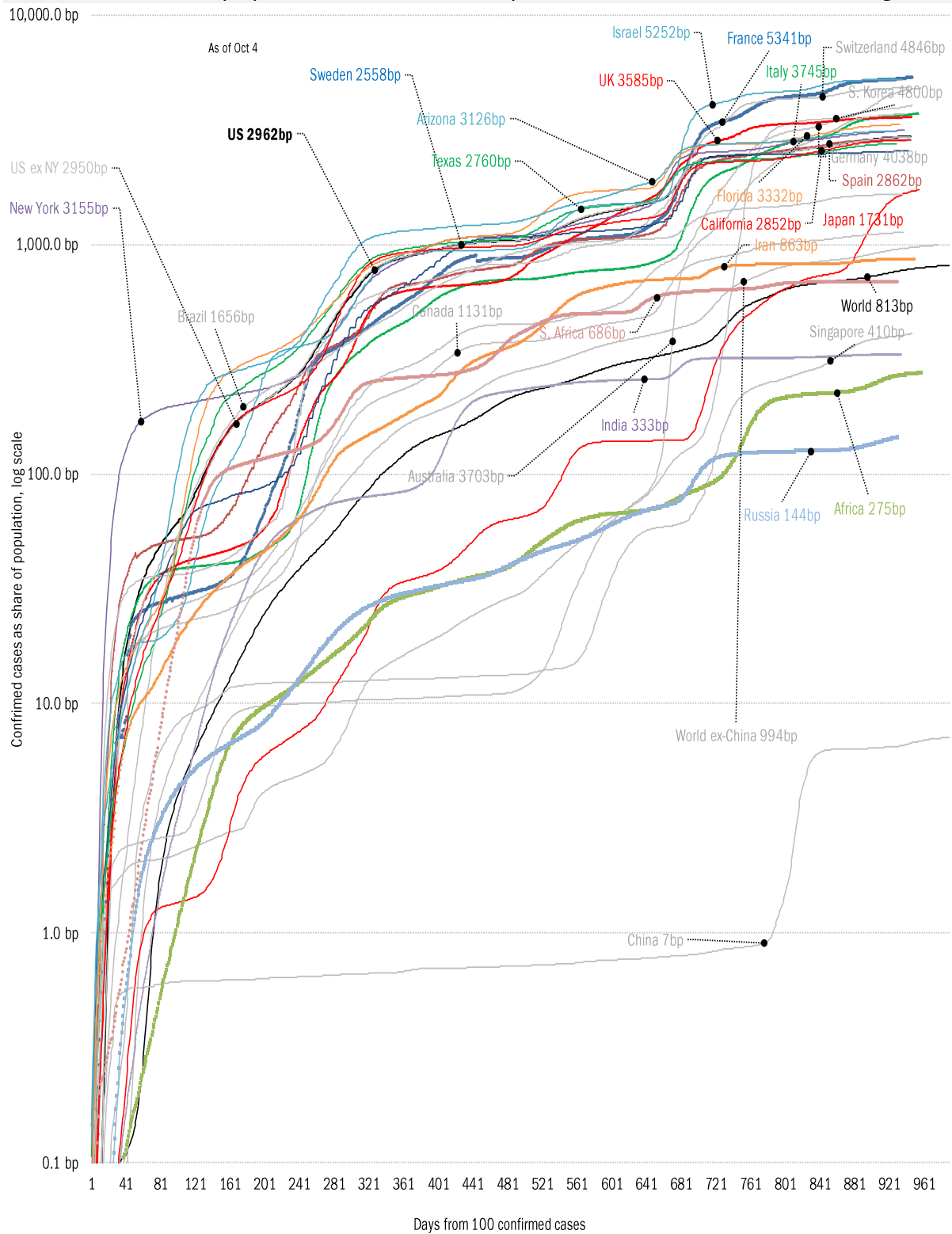
Mark Sherman
Oracle Films
September 28, 2022

Meme of the day



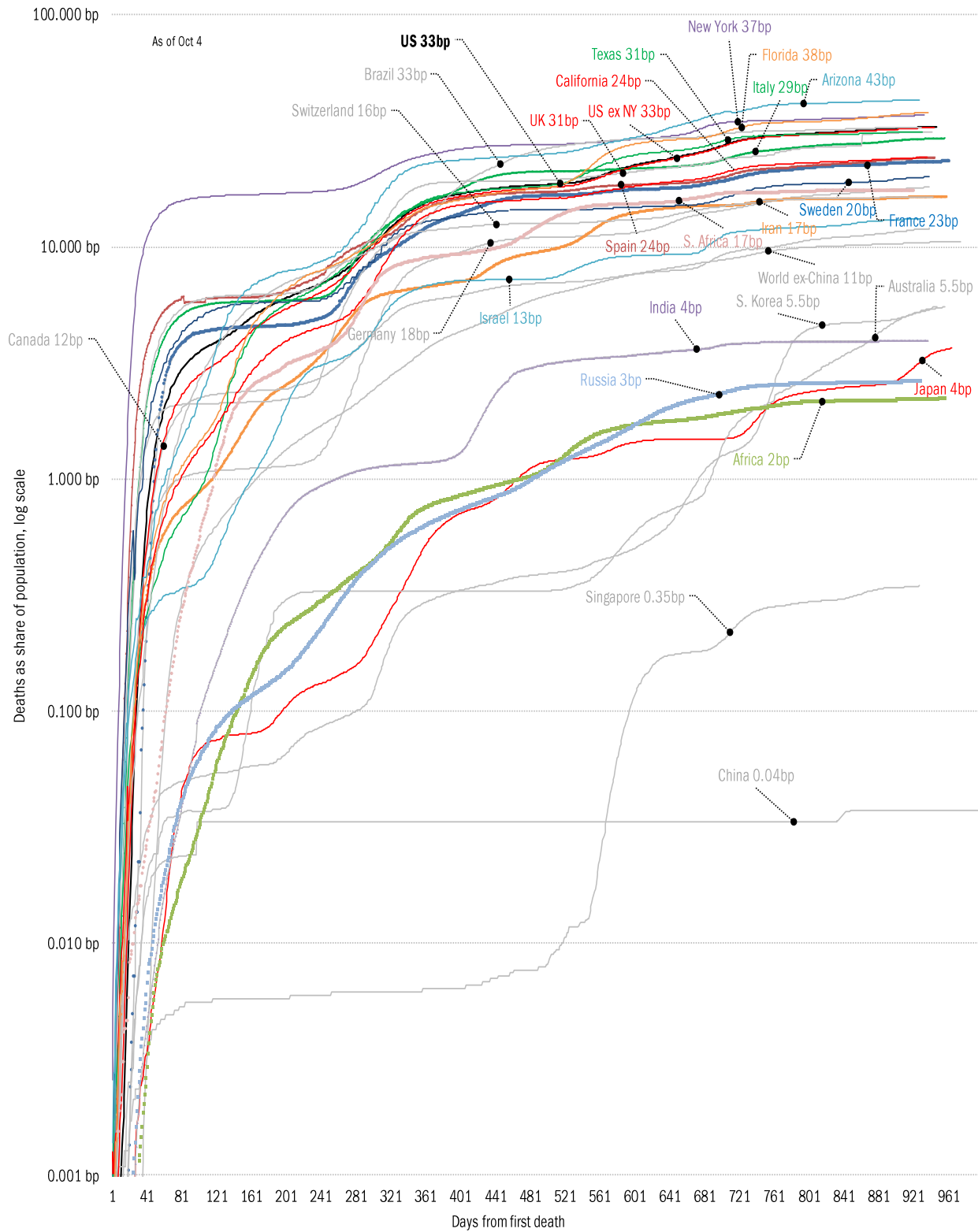
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

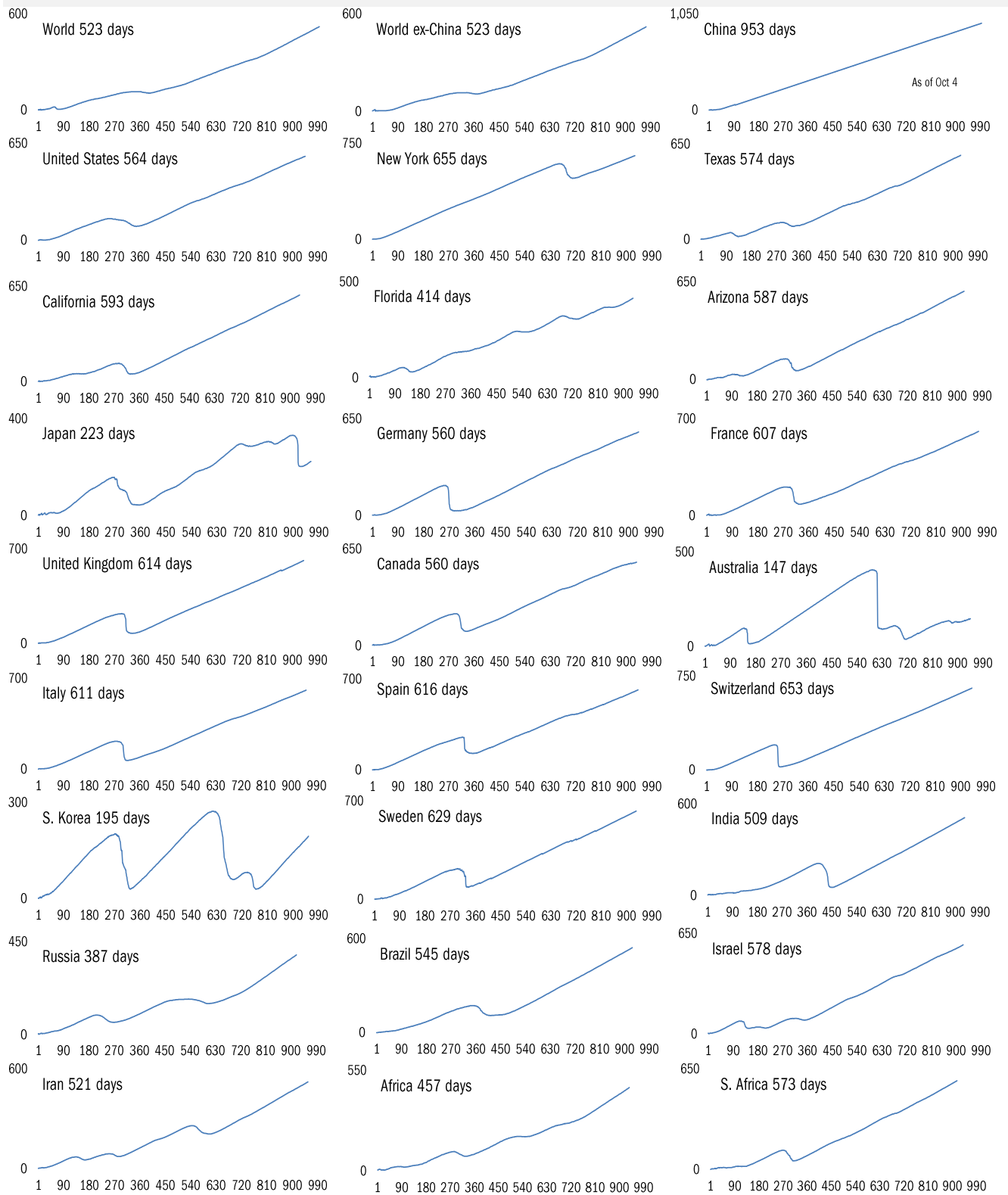


Source: [Johns Hopkins](#), TrendMacro calculations

Our most reliable evidence of the rate of spread of Covid-2019

Vertical: days to double deaths Horizontal: days from first death

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

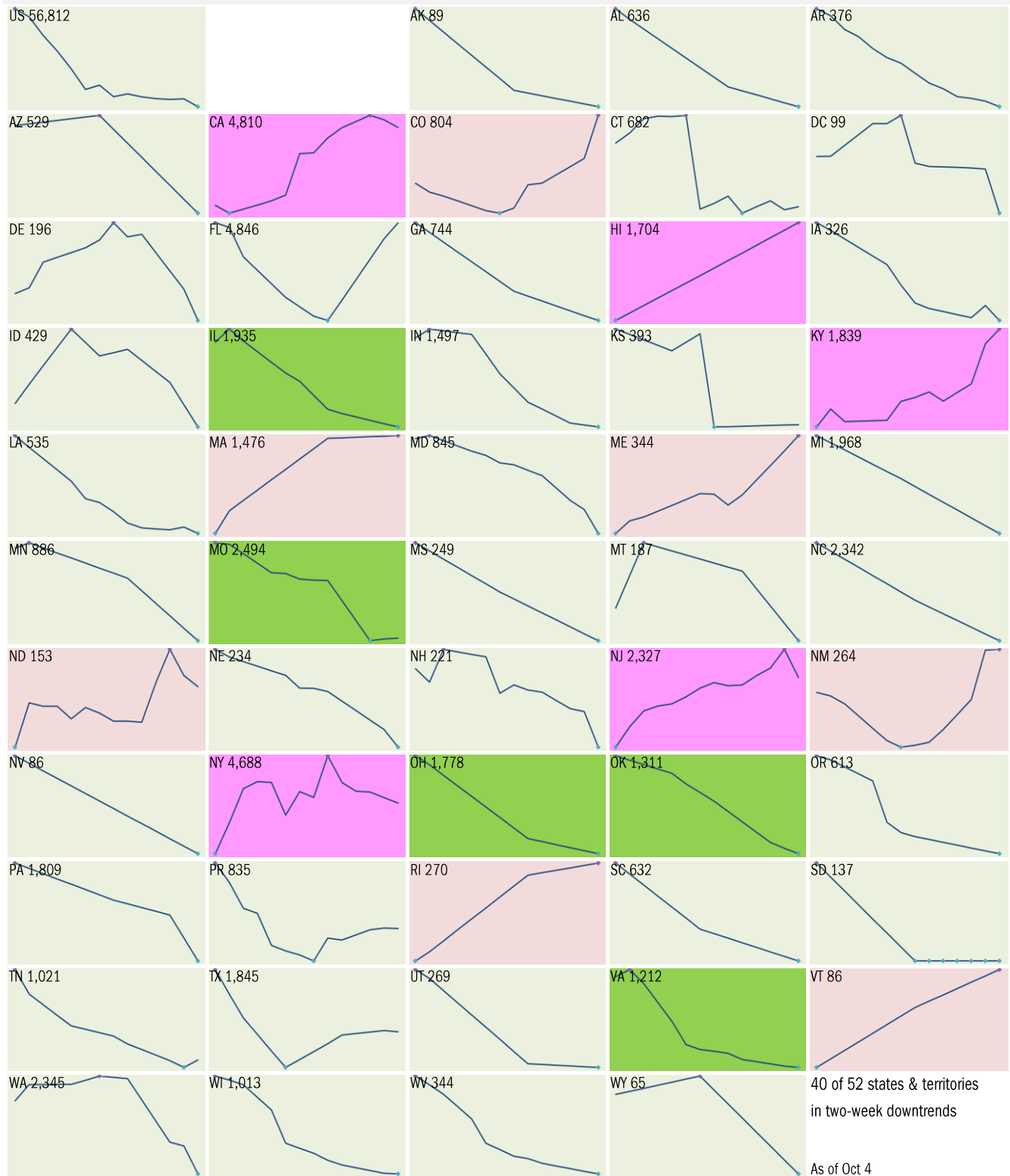


Source: [Johns Hopkins](#), TrendMacro calculations

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

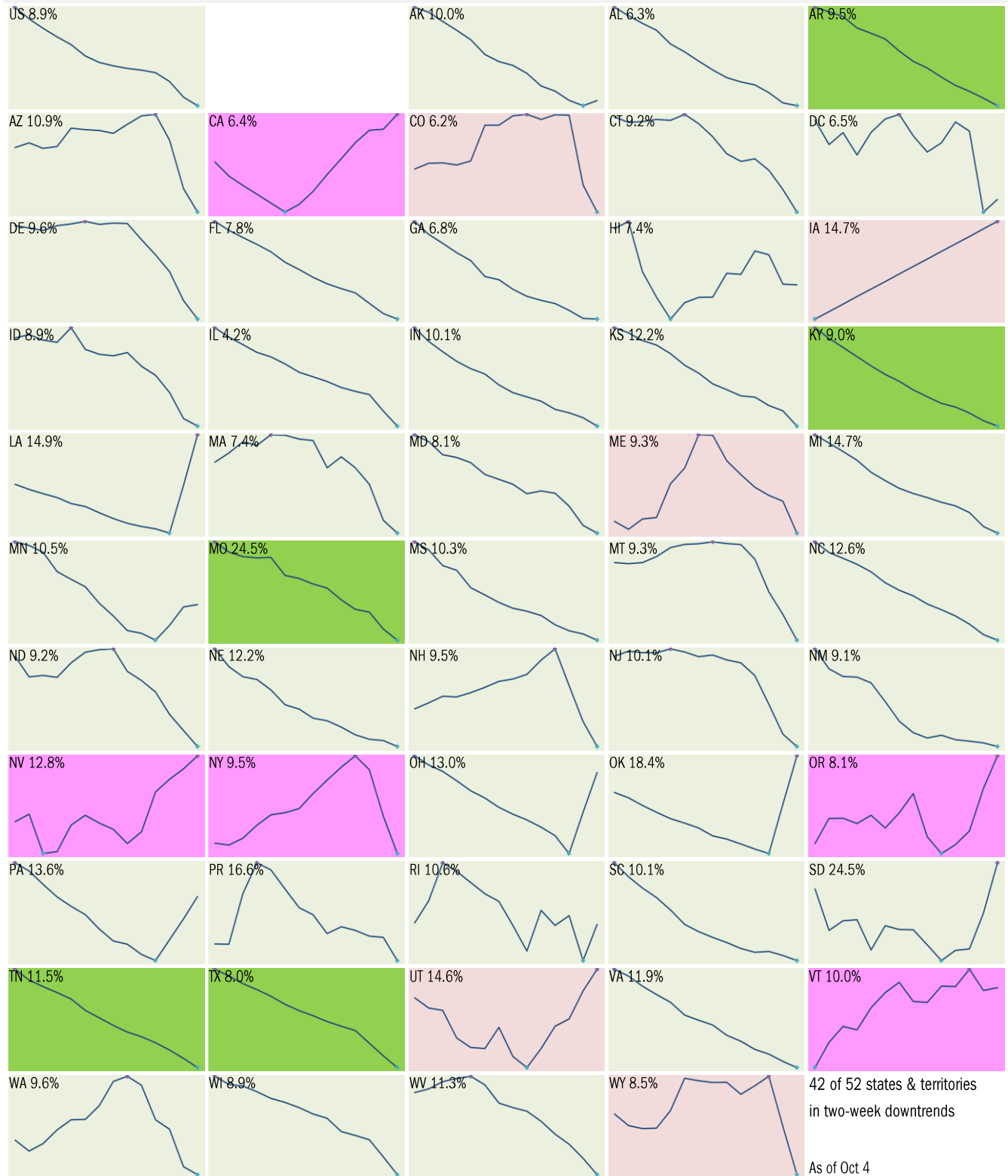


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

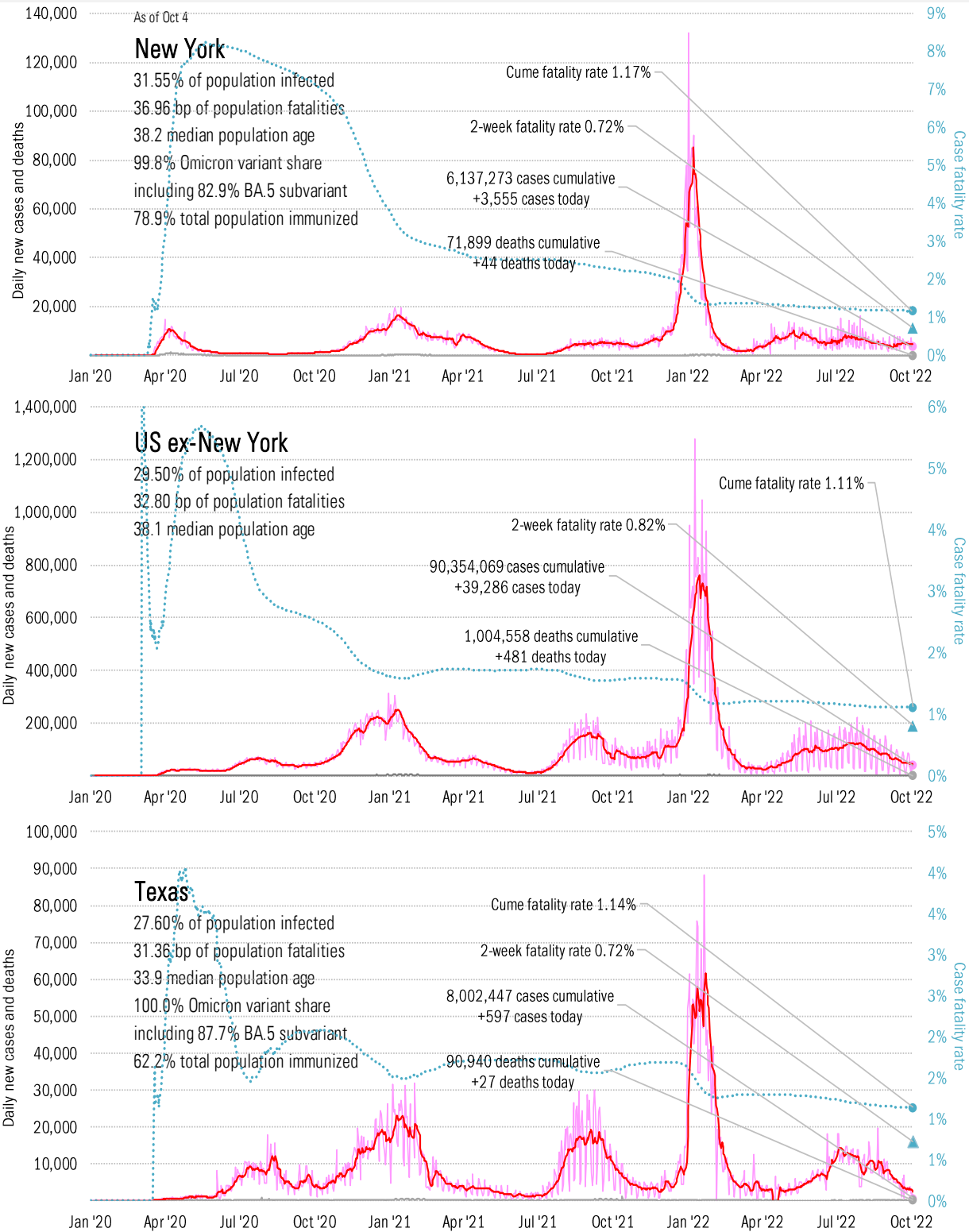
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

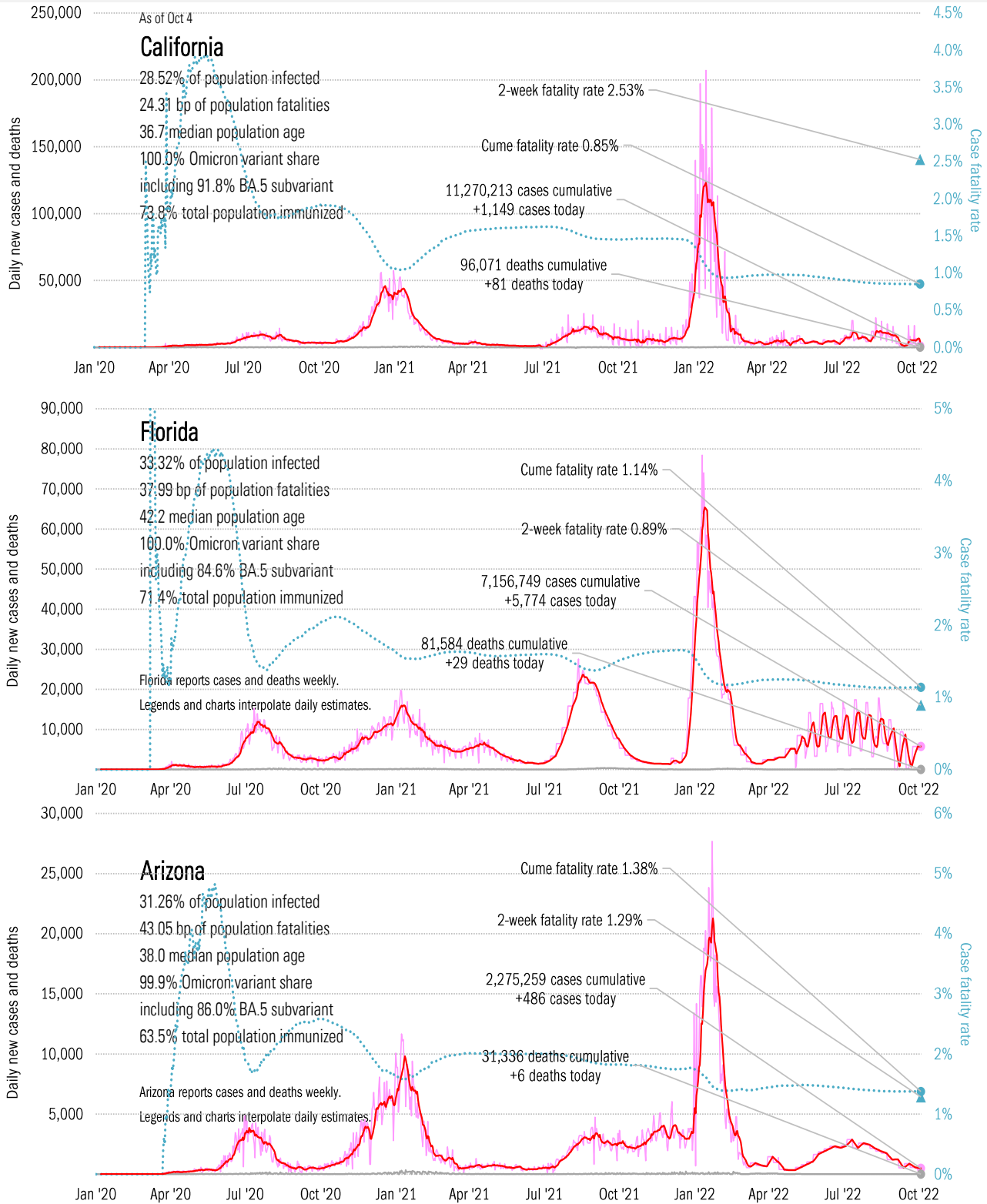
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

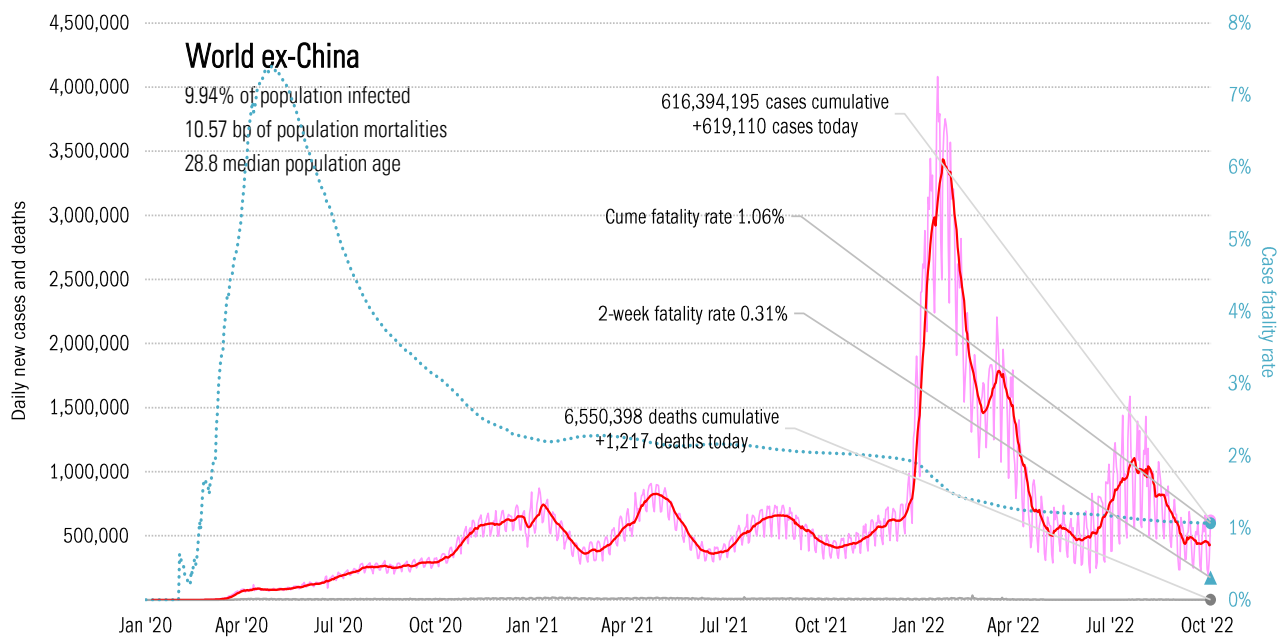
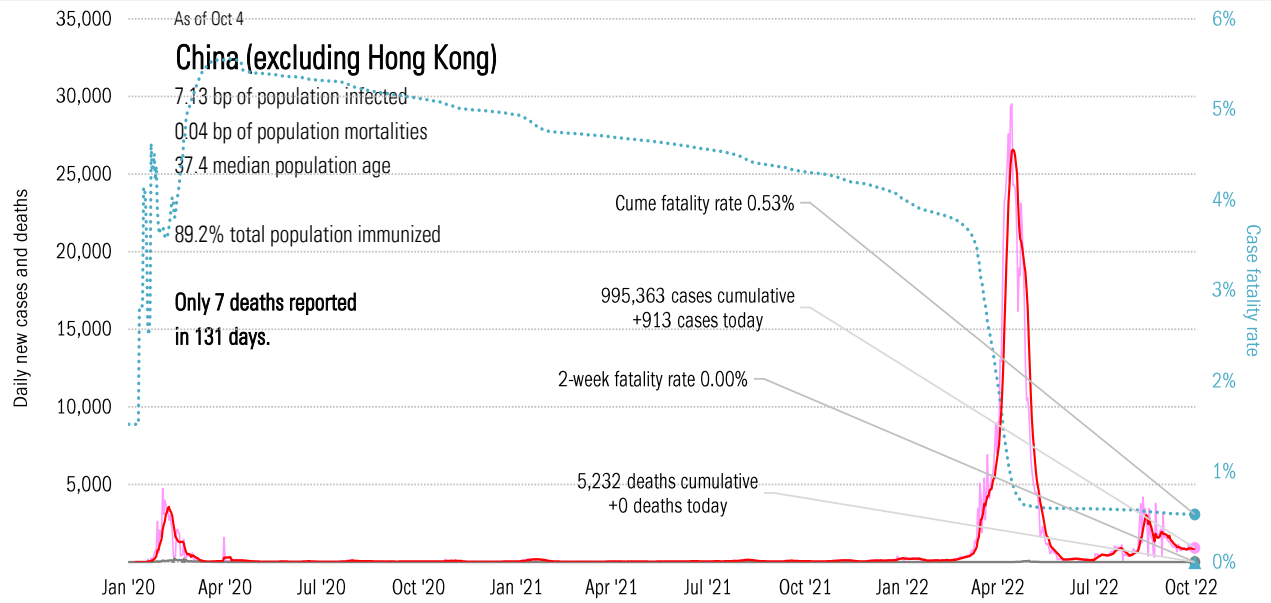
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

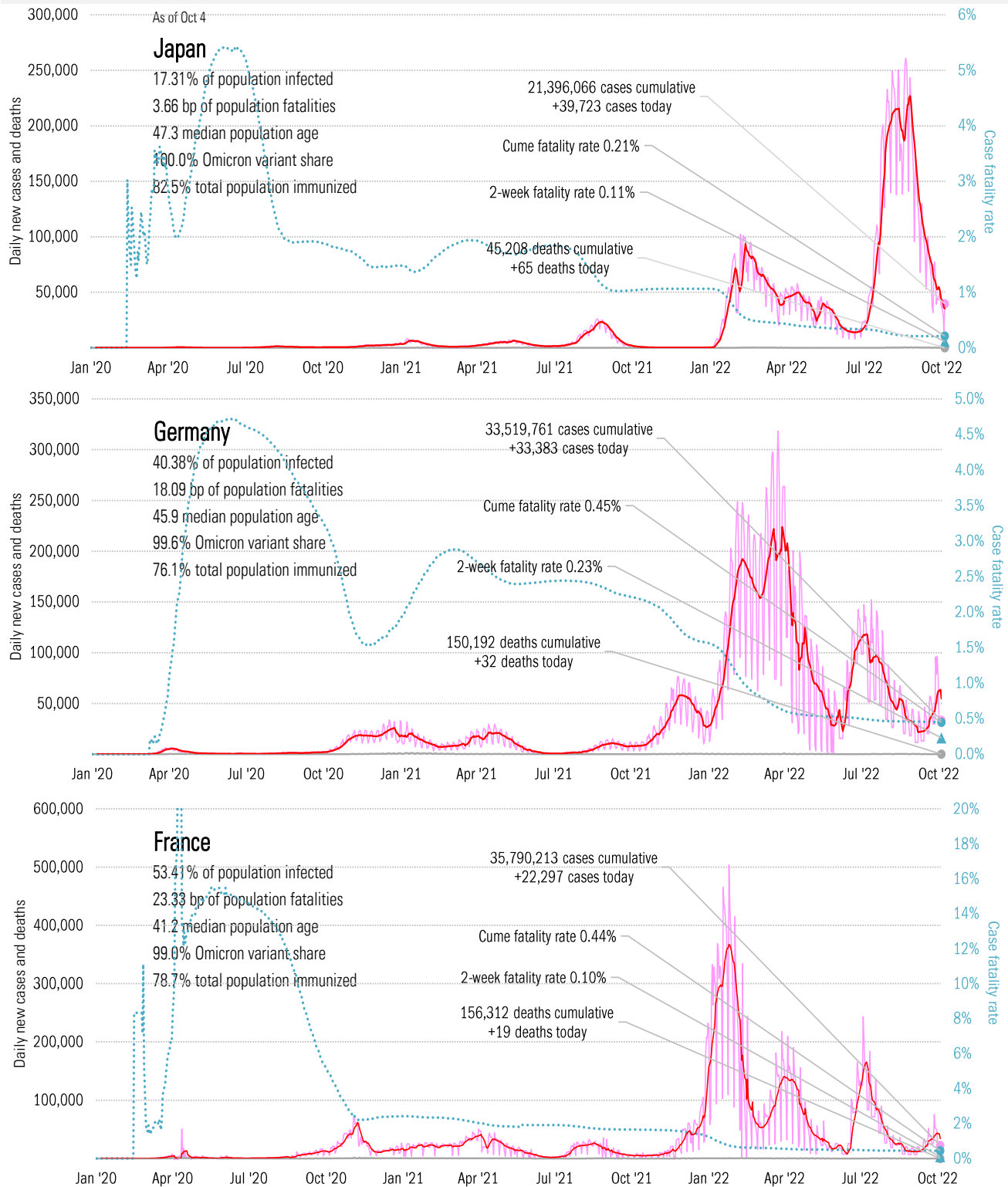
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

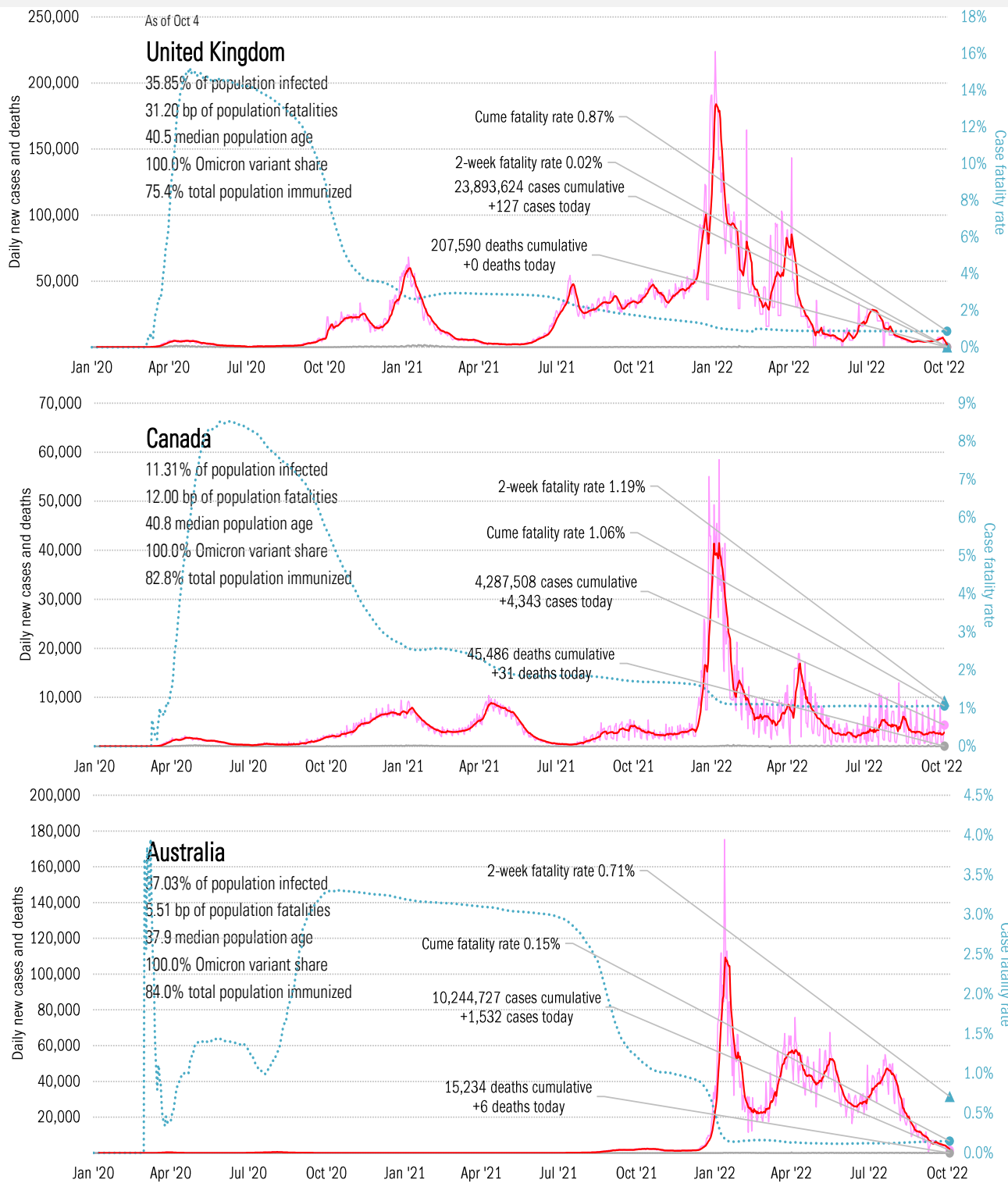
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

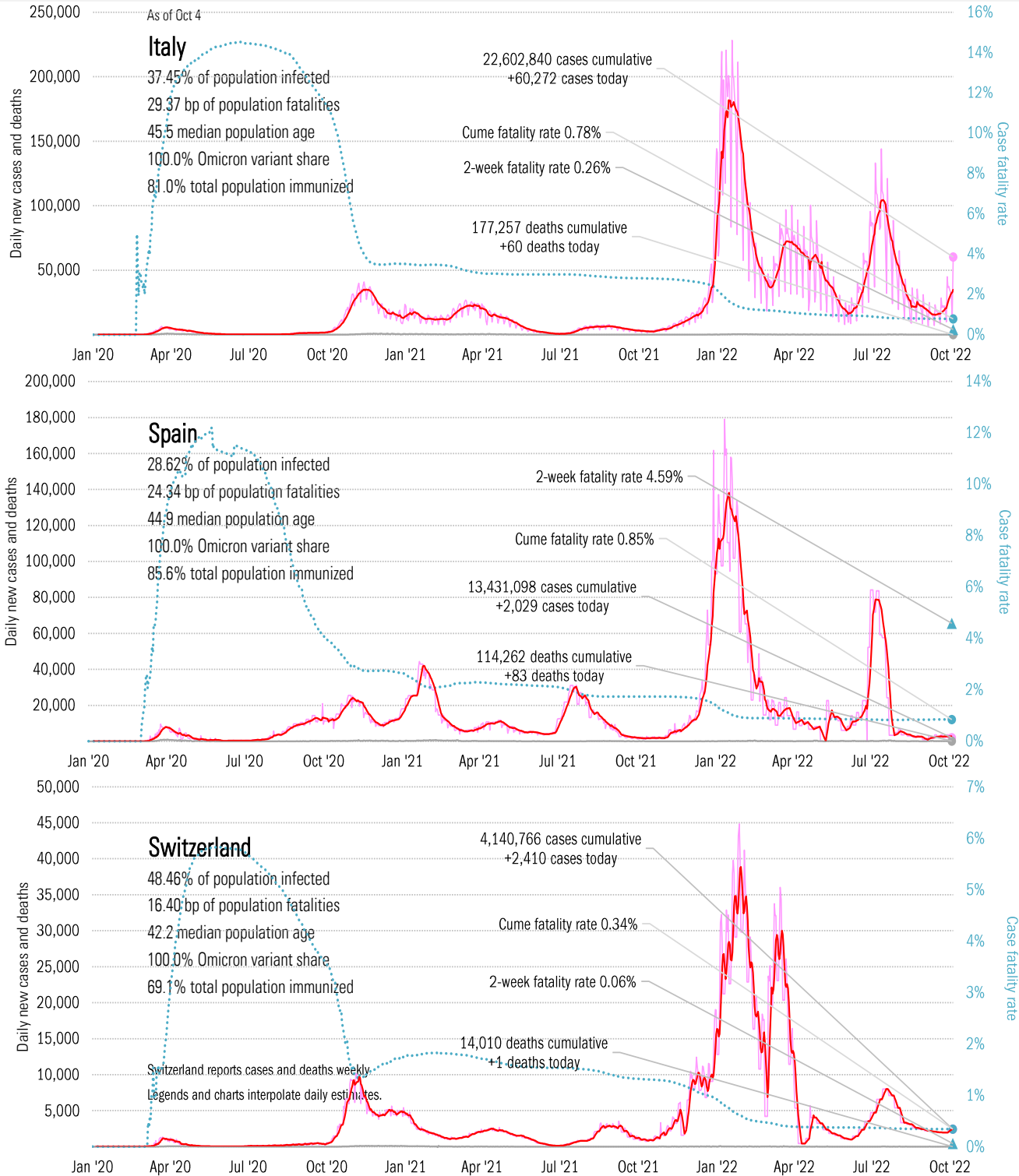
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

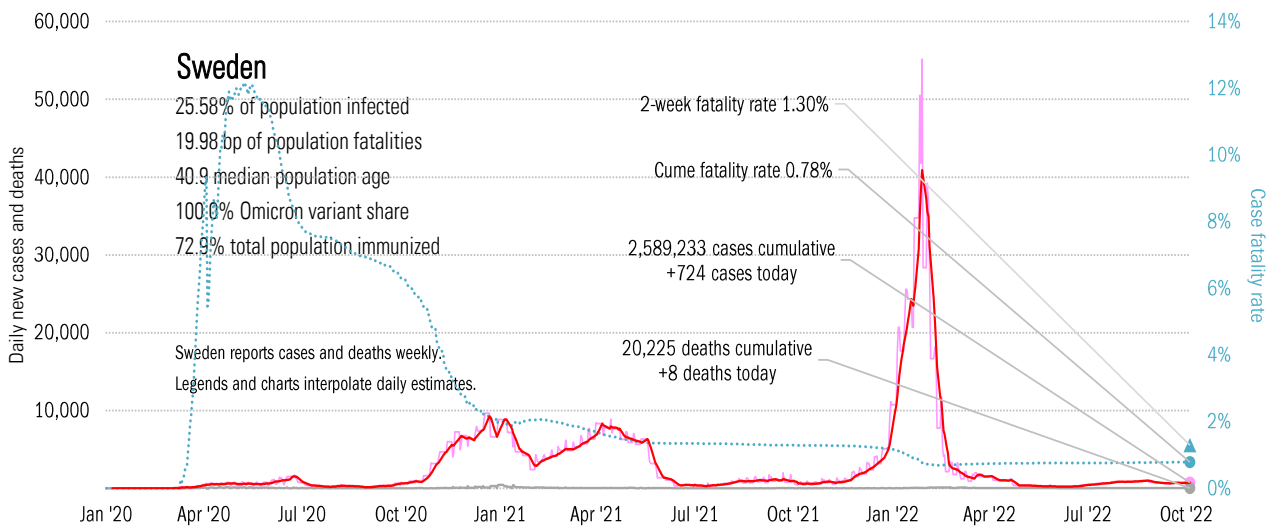
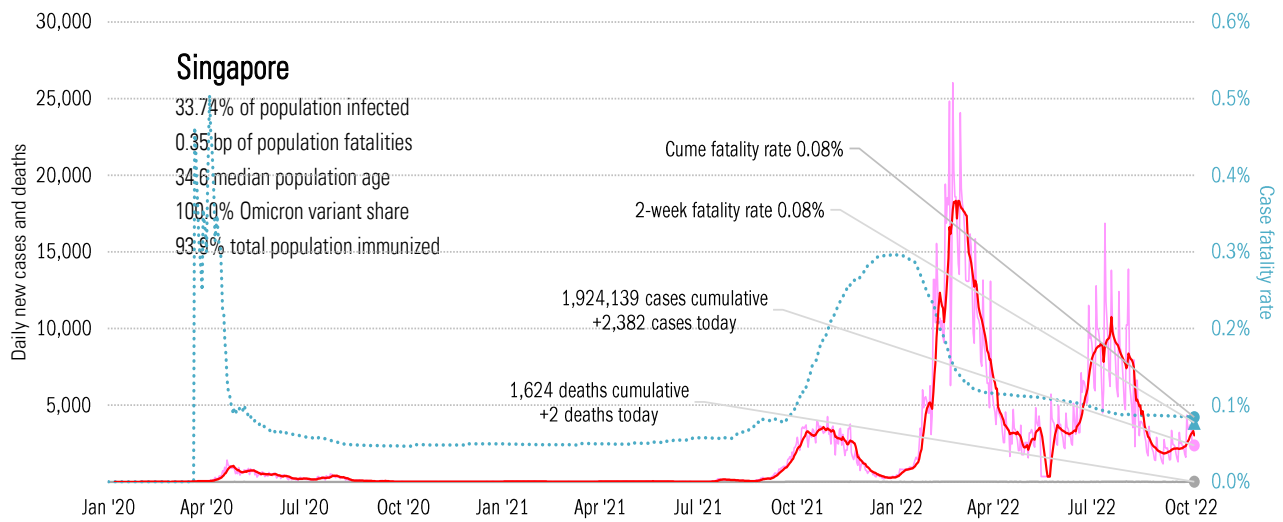
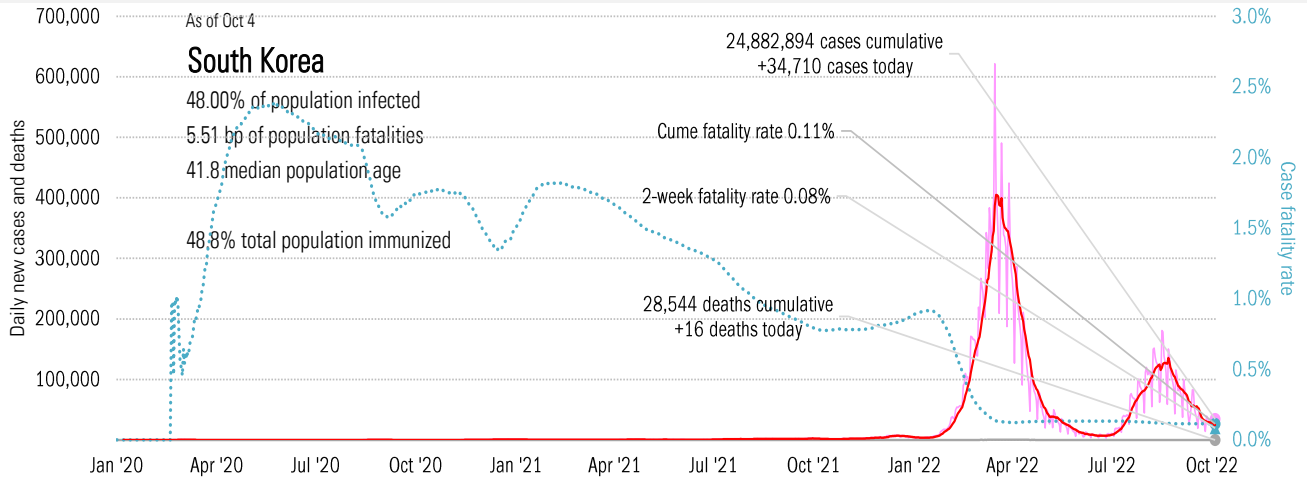
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

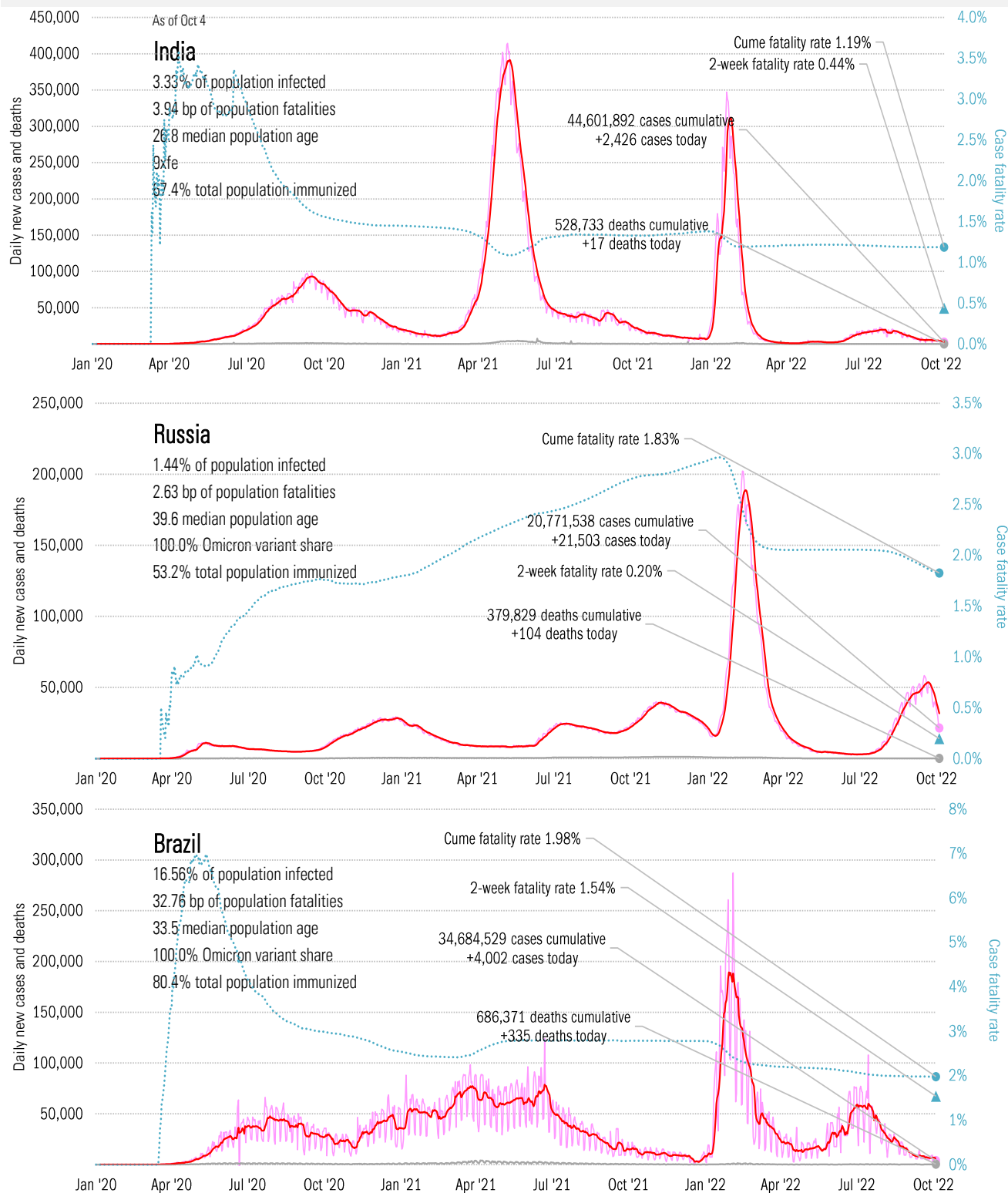
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

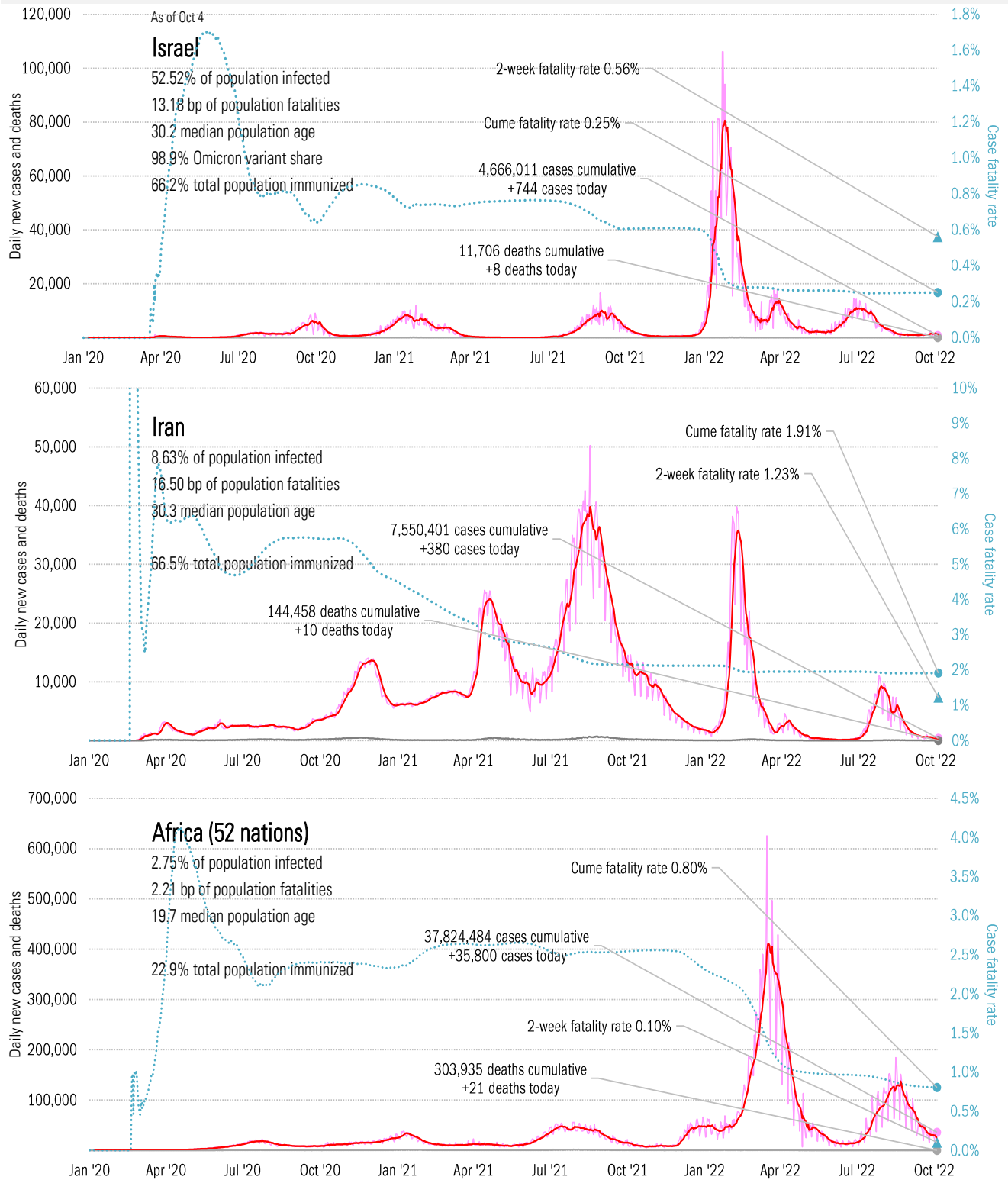
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

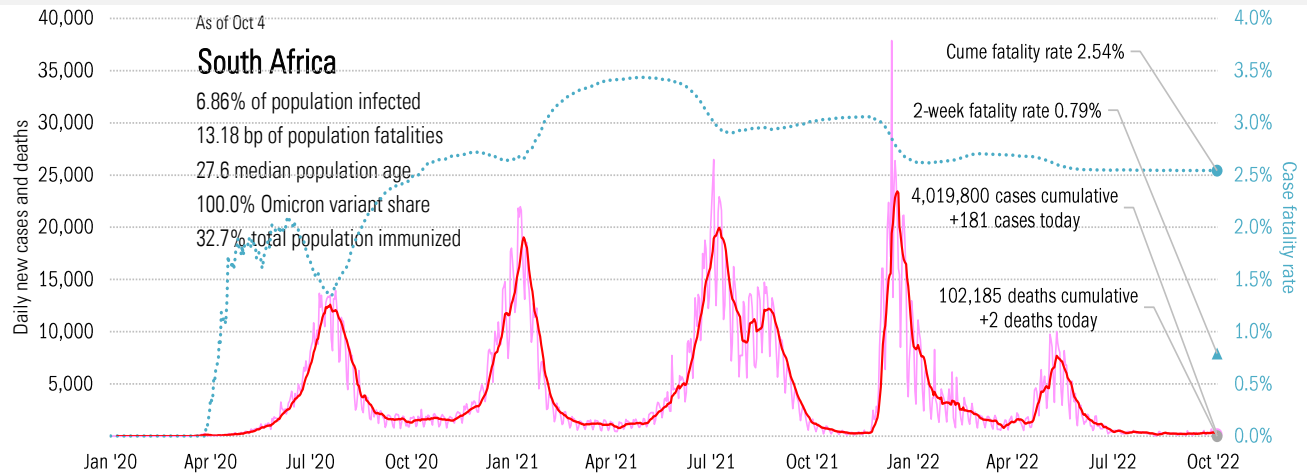
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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