

Data Insights: Covid-2019 Monitor

Monday, October 3, 2022

The global scorecard

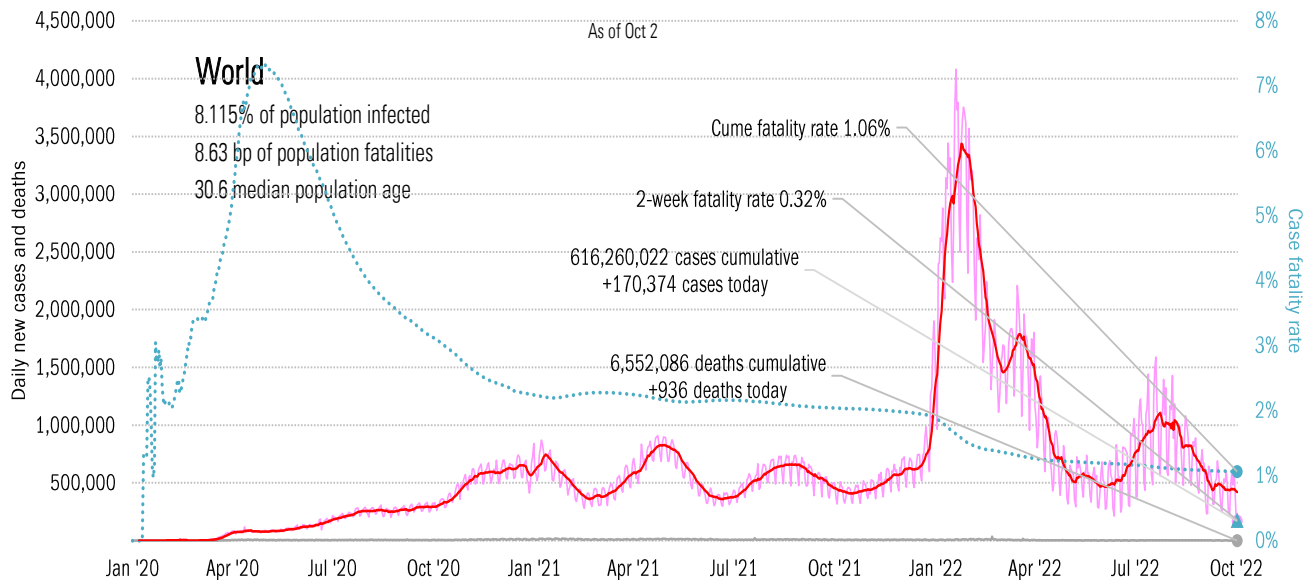
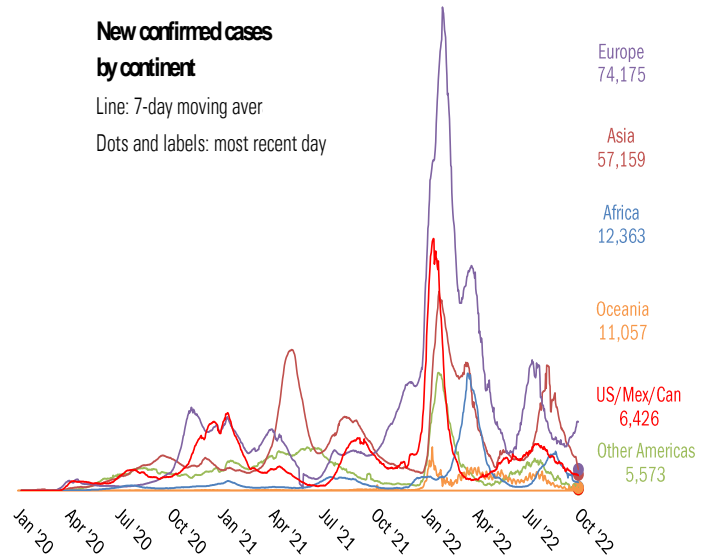
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	59,478	United States	671
Taiwan*	43,286	Russia	96
Russia	29,776	Taiwan*	62
Italy	28,906	Argentina	40
Korea, South	12,150	Philippines	32
Austria	10,331	India	28
New Zealand	9,949	Chile	22
Chile	3,012	Italy	20
India	3,011	Korea, South	20
Argentina	2,935	Czechia	11
202,834		1,002	
World	170,374	World	936
Top ten	119%	Top ten	107%

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:

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

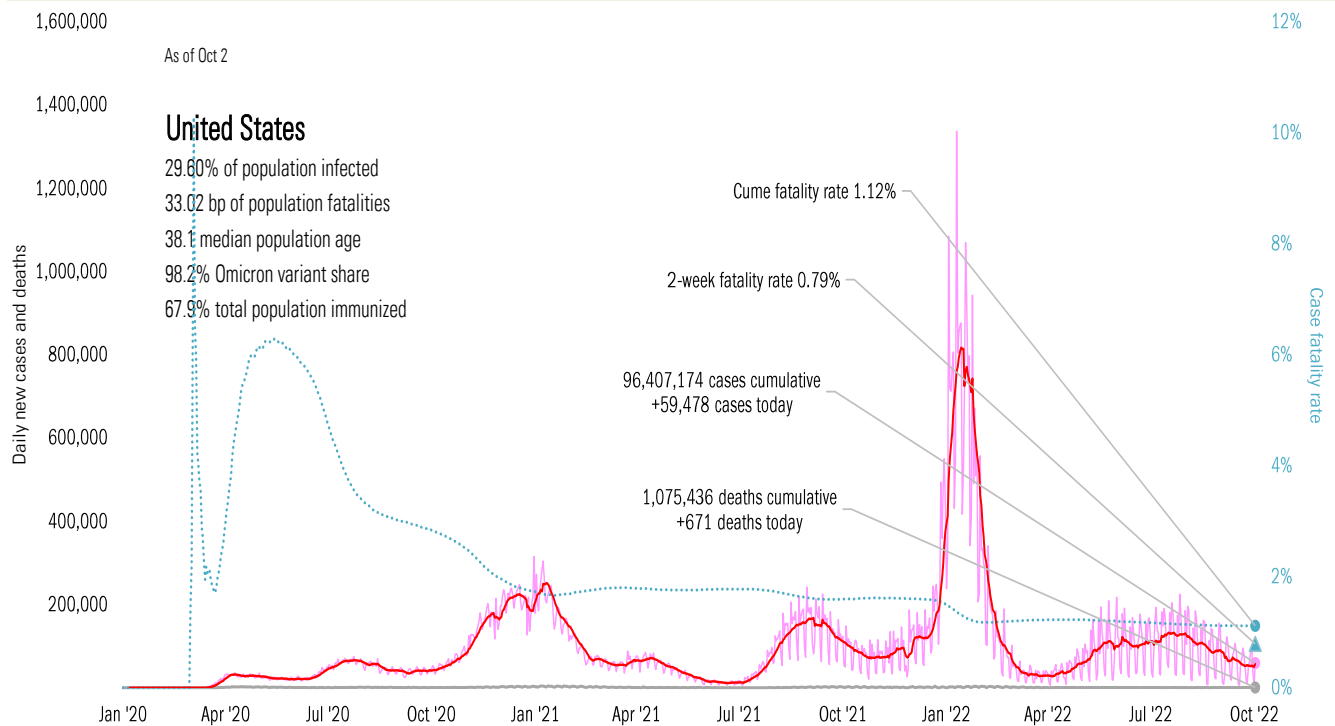
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use						
CA	6,366		CA	154		PA	233		CA	11,266,623		CA	95,965		TX	546,106		RI	93%	RI	91%					
FL	5,774		KS	68		NY	311		TX	7,996,241		TX	90,913		CA	500,306		MA	88%	AK	89%					
MO	4,678		FL	40		CA	331		FL	7,156,749		FL	81,527		FL	493,778		NE	87%	MA	86%					
TX	3,645		IN	34		GA	98		NY	6,126,647		NY	71,828		NY	300,273		MN	85%	WA	83%					
WA	2,682		TN	28		MA	125		IL	3,762,220		PA	47,213		GA	225,903		WA	85%	TX	82%					
NY	2,419		TX	28		NJ	139		PA	3,254,503		GA	40,281		CH	218,485		MO	84%	NC	82%					
NC	2,299		WA	27		MN	66		NC	3,198,866		CH	39,856		PA	204,086		DE	83%	NH	82%					
IL	2,101		NY	26		CO	44		CH	3,143,746		IL	39,698		IL	186,852		MD	81%	NM	82%					
MI	2,097		MI	23		AL	44		GA	2,905,400		MI	38,624		MI	162,771		GA	81%	DC	80%					
PA	2,030		VA	18		OK	43		MI	2,836,167		NJ	34,750		KY	145,178		AK	81%	AL	79%					
34,091			445			1,434			51,647,162			580,655			2,983,738											
All states			59,478			3,507			All states			96,407,174			1,075,436			5,413,488			All states		70%		67%	
Top ten			57%			41%			Top ten			54%			55%			55%			Median		75%		71%	

Some states not reporting

Five most improved US states

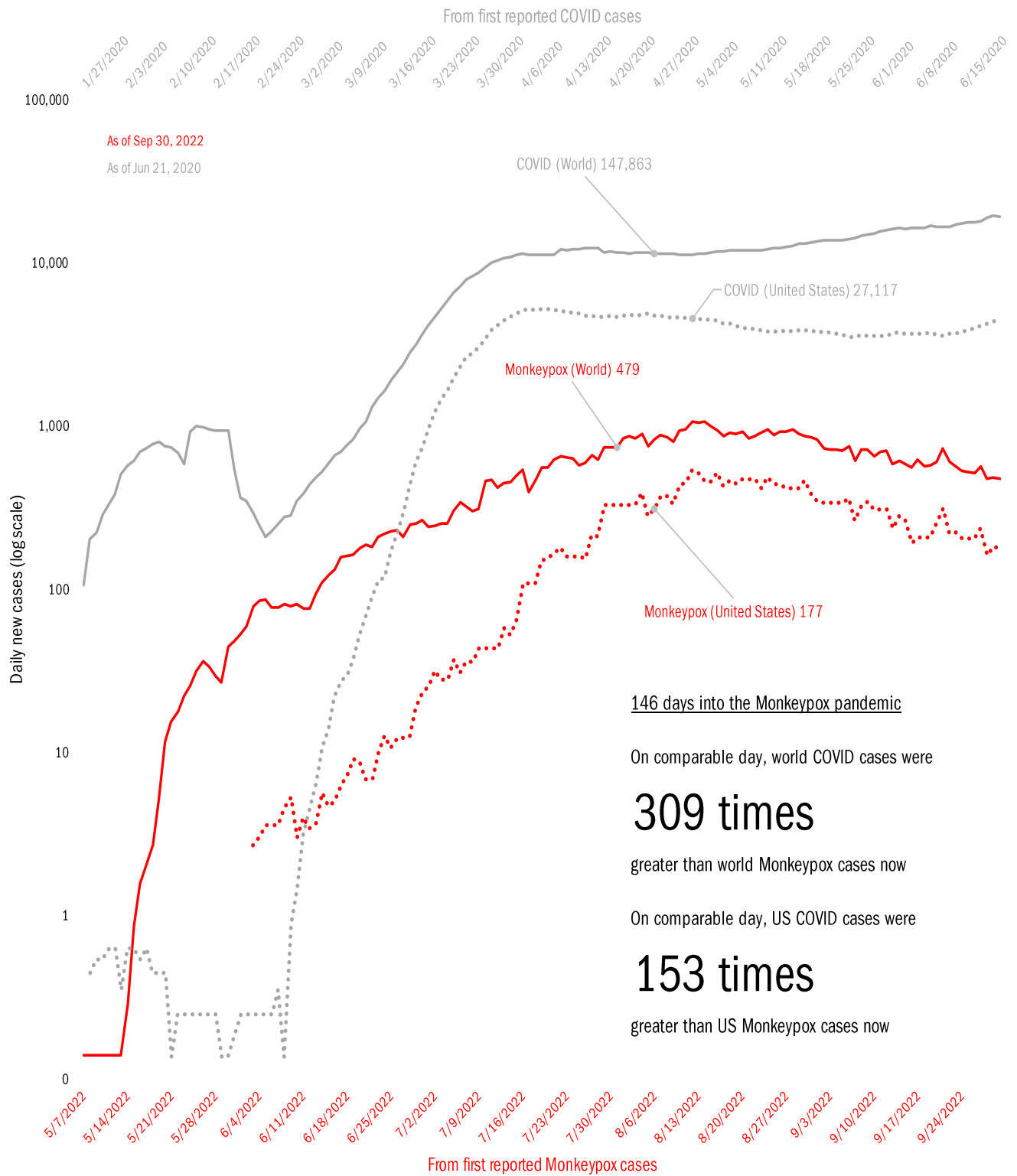
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NJ	-682	AK	0	ID	-23
NY	-496	AL	0	FR	-21
CT	-432	AR	0	MT	-15
AR	-136	AZ	0	WA	-8
AK	0	CA	0	NC	-7



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

The Monkeypox contextualizer

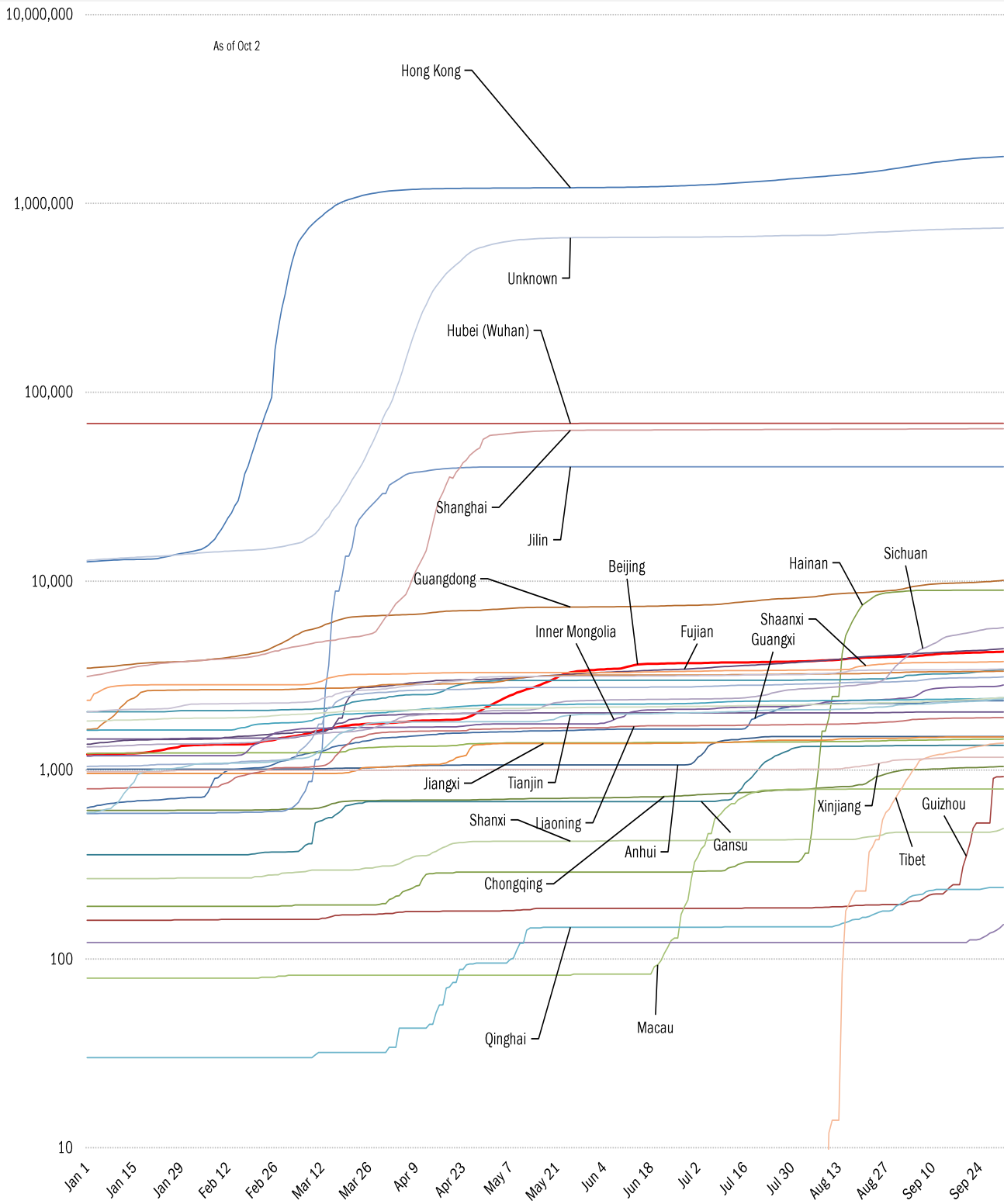
The course of case growth versus COVID



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"

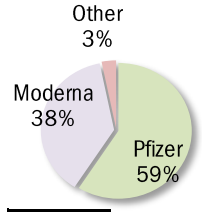


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	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	
Total population	272,009,452	81%	231,527,726	69%	+0.050 million	France 78.7% 80.9%
Age 12 to 17	18,203,927	72%	15,554,814	61%	+0.002 million	Spain 85.6% 87.0%
Age 18 to 64	181,388,452	89%	154,049,342	76%	+0.024 million	Germany 76.1% 77.7%
Age 65 and over	59,876,702	100%	52,388,902	96%	+0.011 million	Italy 81.0% 85.8%
						Australia 84.0% 86.6%
						Israel 66.2% 72.3%
						Canada 82.7% 87.2%
						Japan 82.5% 83.6%
						Africa 22.6% 28.5%
						India 67.3% 72.9%
						Brazil 80.3% 87.2%
						China 89.1% 91.4%



AK	71.7%
	63.5%

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

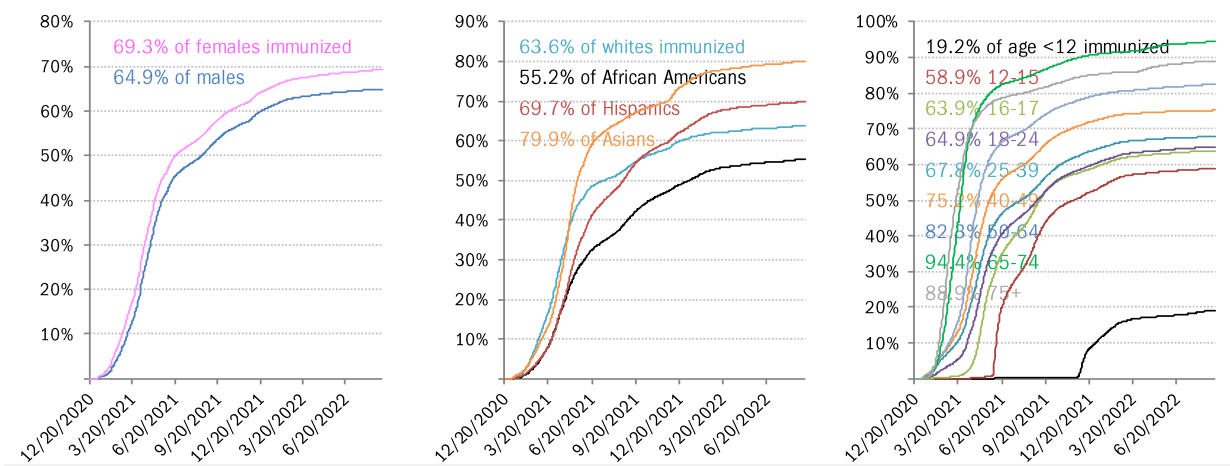
"Immunity" = two doses

Global data differs due to sources, timing

As of Sep 23

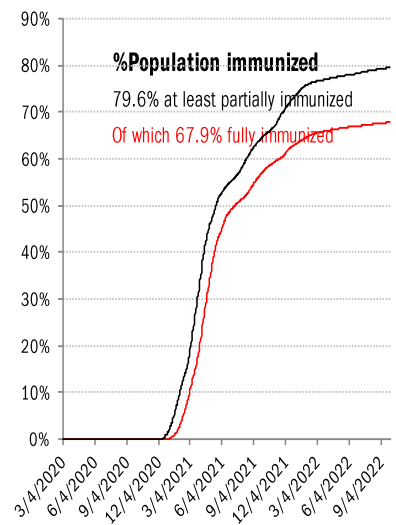
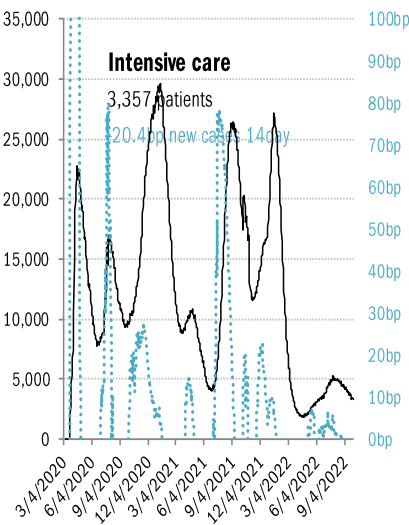
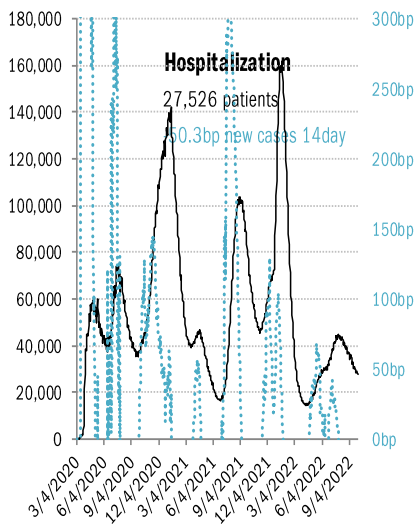
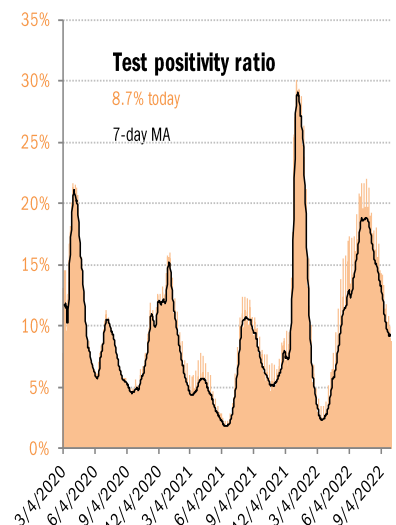
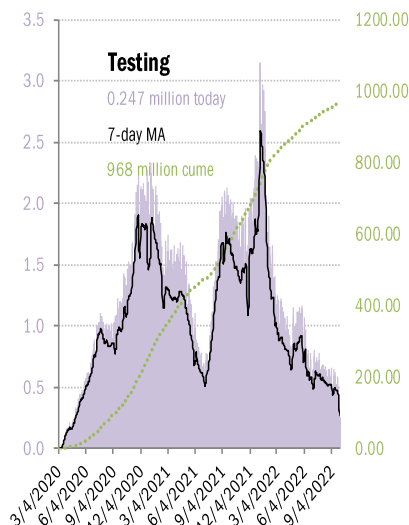
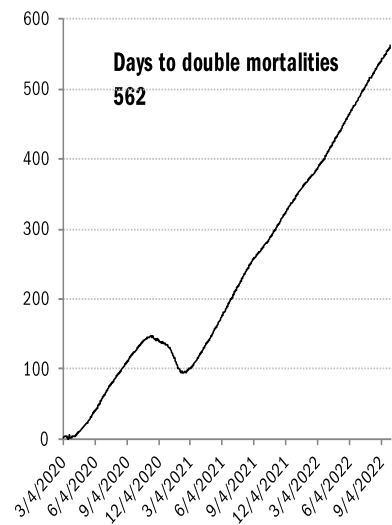
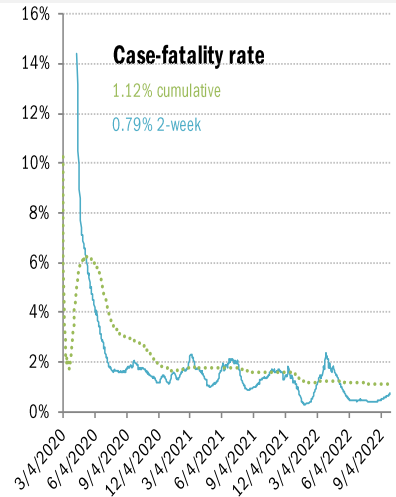
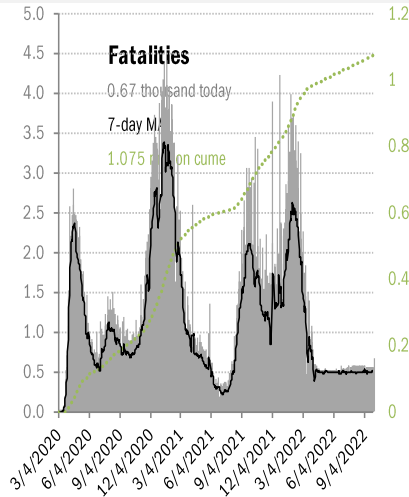
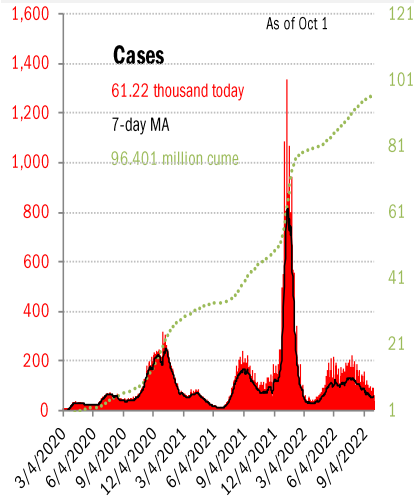
					WI							ME
					73.4%							93.5%
					66.8%							81.5%
WA	ID	MT	ND	MN	IL	MI				NY	VT	NH
83.2%	62.6%	66.8%	67.3%	77.0%	77.5%	68.3%				92.3%	95.0%	91.4%
74.0%	55.3%	58.0%	56.8%	70.6%	69.8%	61.3%				78.8%	83.2%	72.8%
OR	NV	WY	SD	IA	IN	OH	PA			NJ	MA	
79.7%	77.2%	59.4%	79.8%	69.4%	63.3%	64.6%	87.8%			92.7%	95.0%	
70.9%	62.1%	52.0%	64.0%	63.1%	56.9%	59.5%	70.8%			77.4%	81.2%	
CA	UT	CO	NE	MO	KY	WV	VA			MD	CT	RI
84.3%	73.8%	81.7%	71.9%	67.8%	67.6%	66.4%	88.2%			89.3%	95.0%	95.0%
73.7%	65.5%	71.8%	64.9%	57.5%	58.5%	58.8%	74.9%			77.7%	81.1%	85.3%
	AZ	NM	KS	AR	TN	NC	SC			DC	DE	
	75.8%	90.8%	74.4%	68.4%	63.5%	87.9%	69.5%			95.0%	85.7%	
	63.4%	73.0%	63.6%	55.7%	55.6%	64.0%	58.5%			80.2%	71.2%	
			OK	LA	MS	AL	GA					
			72.9%	62.1%	61.0%	64.1%	67.1%					
			58.8%	54.4%	53.1%	52.3%	56.2%					
			TX							FL		PR
			74.7%							81.1%		95.0%
			62.2%							68.4%		85.0%

The demographics of US vaccination

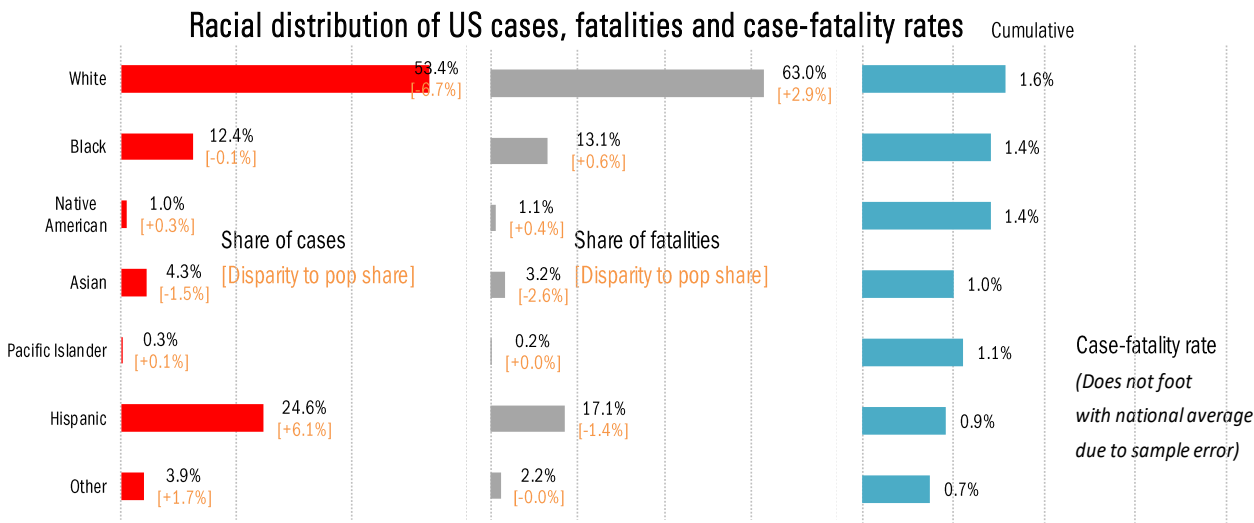
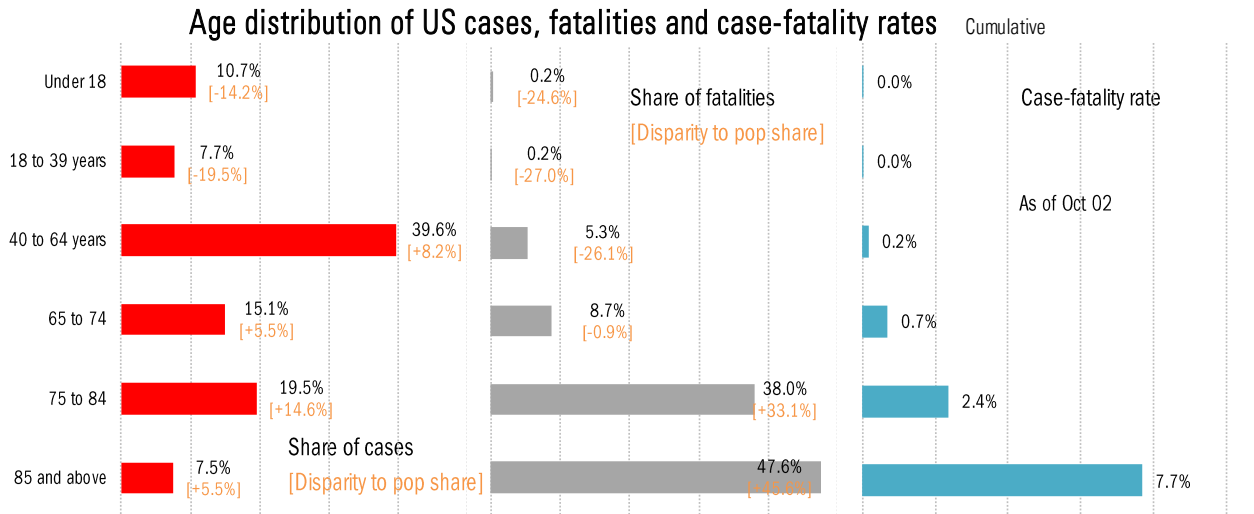


Source: CDC, CDC, Our World in Data, TrendMacro calculations

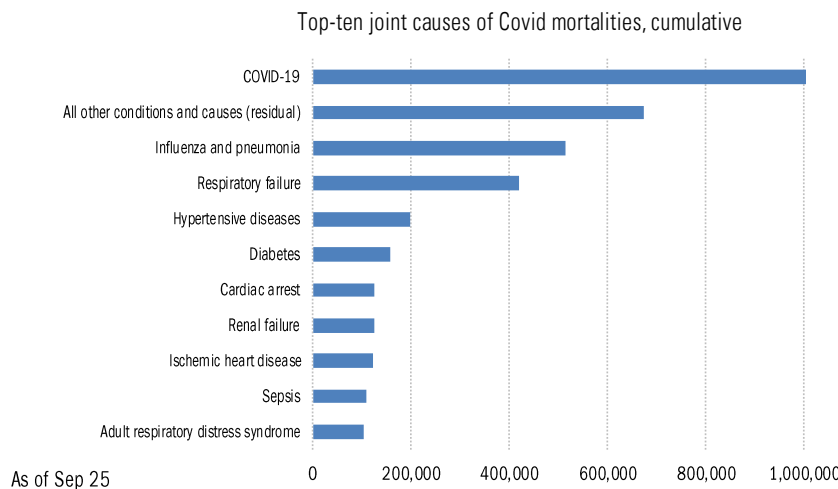
US deep-dive



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



Comorbidities



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

[Once Known for Vaccine Skeptics, Marin Now Tells Them 'You're Not Welcome'](#)

Soumya Karlamangla
New York Times
October 2, 2022

[New paper confirms the COVID vaccines kill brain cells and heart cells leading to death](#)

Steve Kirsch
Steve Kirsch's Newsletter
October 2, 2022

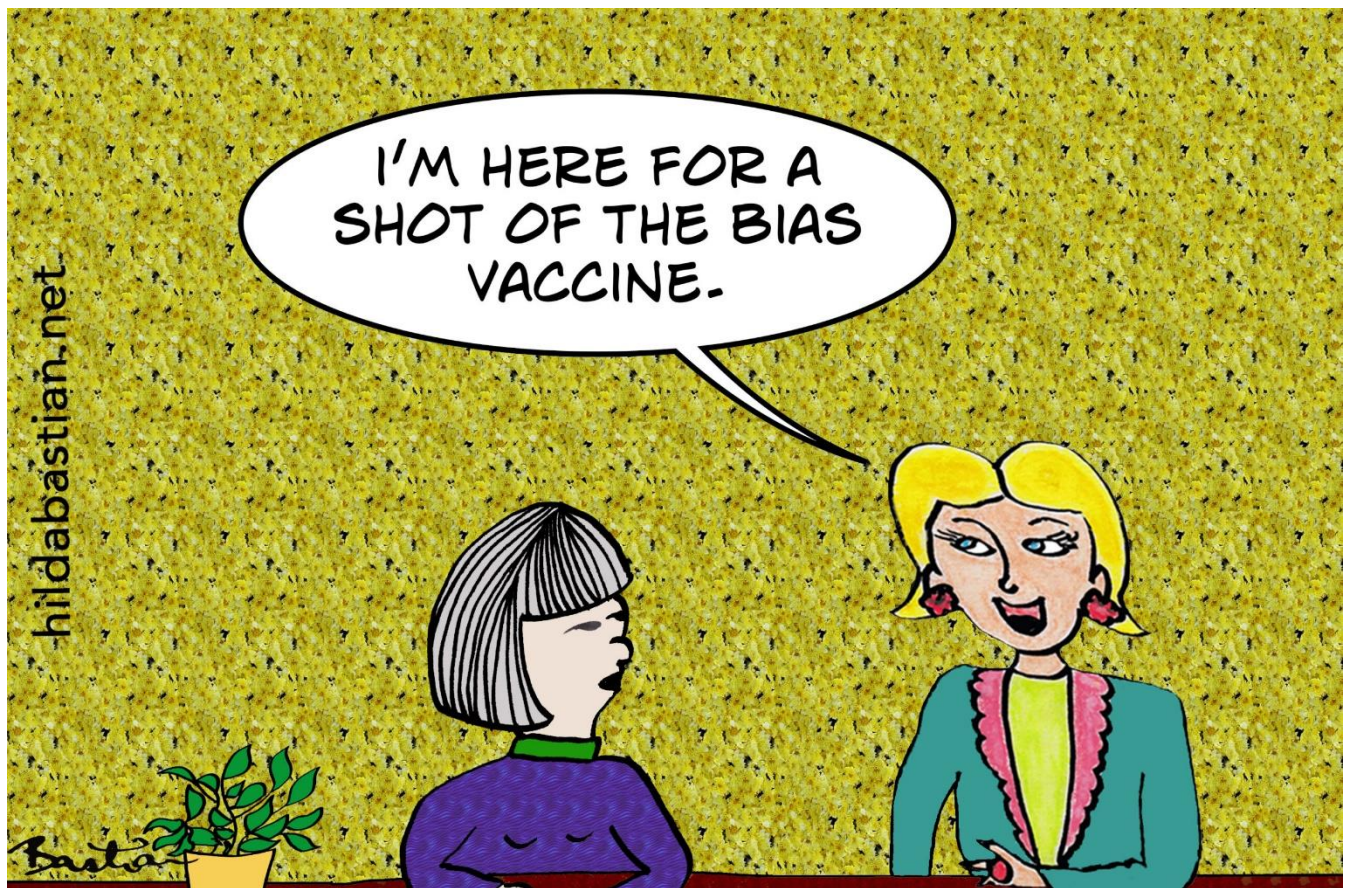
[Germany is still living in Covid's shadow](#)

Sabine Beppler-Spahl
Spiked!
October 1, 2022

[A Case Report: Multifocal Necrotizing Encephalitis and Myocarditis after BNT162b2 mRNA Vaccination against COVID-19](#)

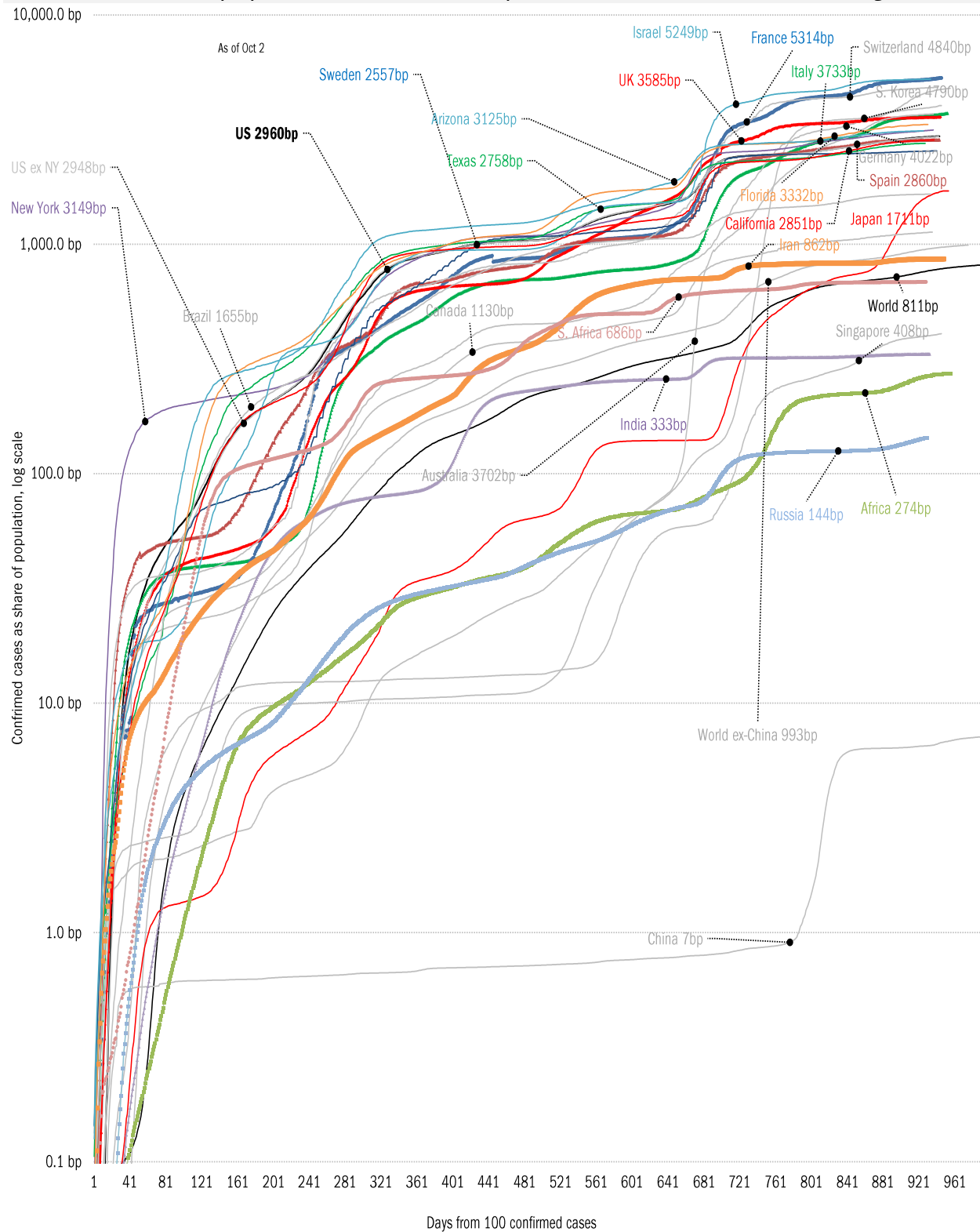
Michael Mörz
The Municipal Hospital Dresden-Friedrichstadt
October 1, 2022

Meme of the day



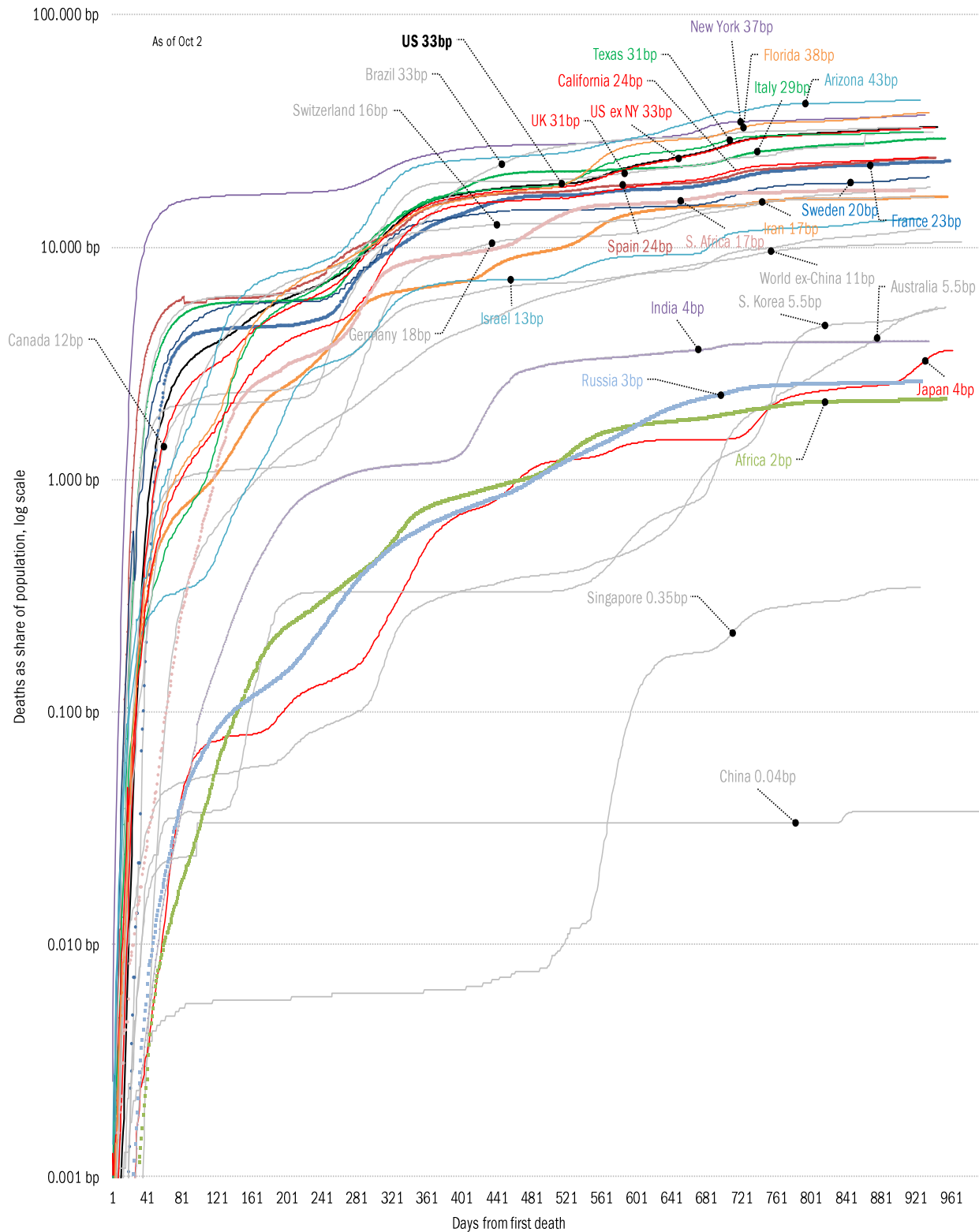
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

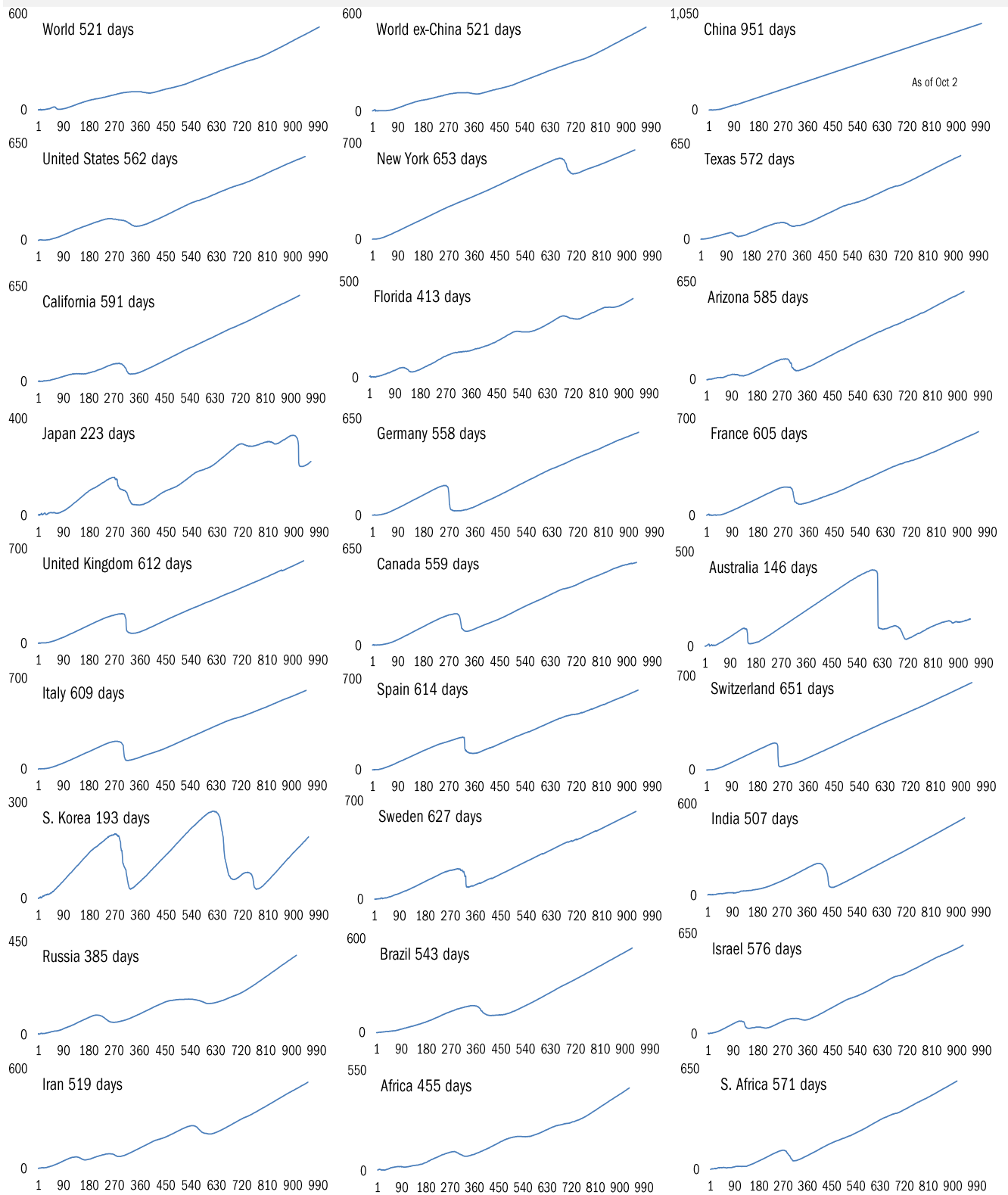


Source: [Johns Hopkins](#), TrendMacro calculations

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

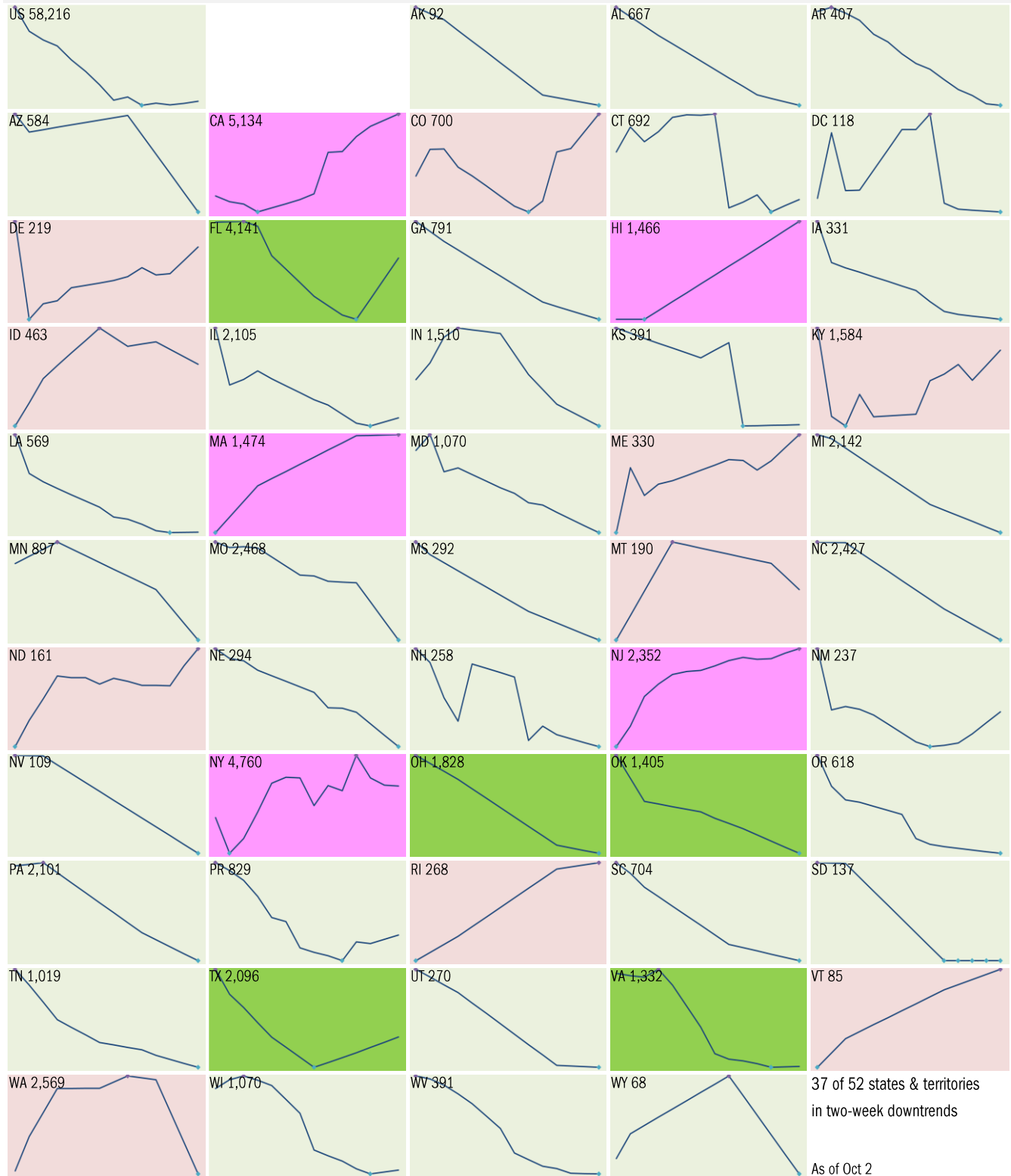


Source: [Johns Hopkins](#), TrendMacro calculations

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

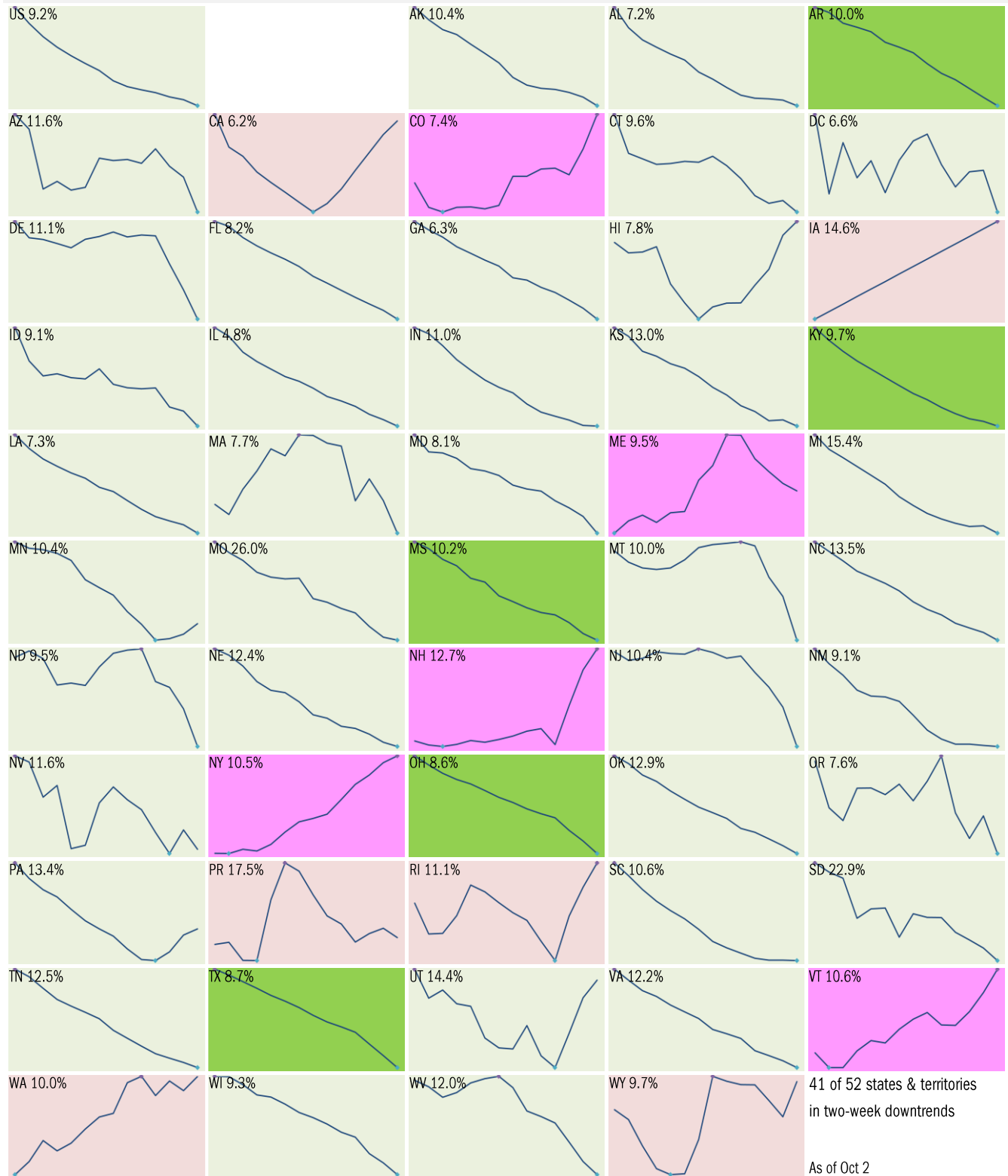


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

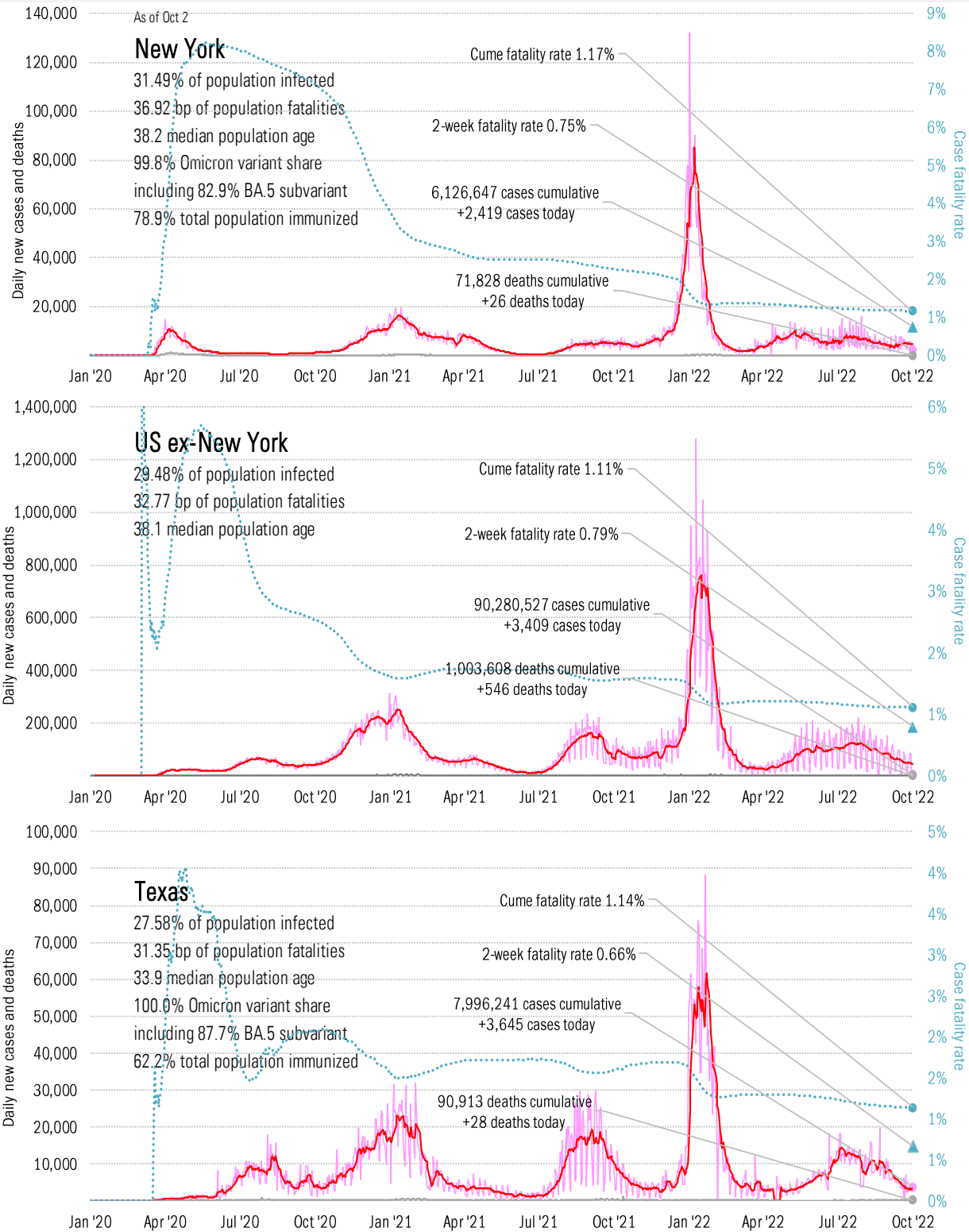
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

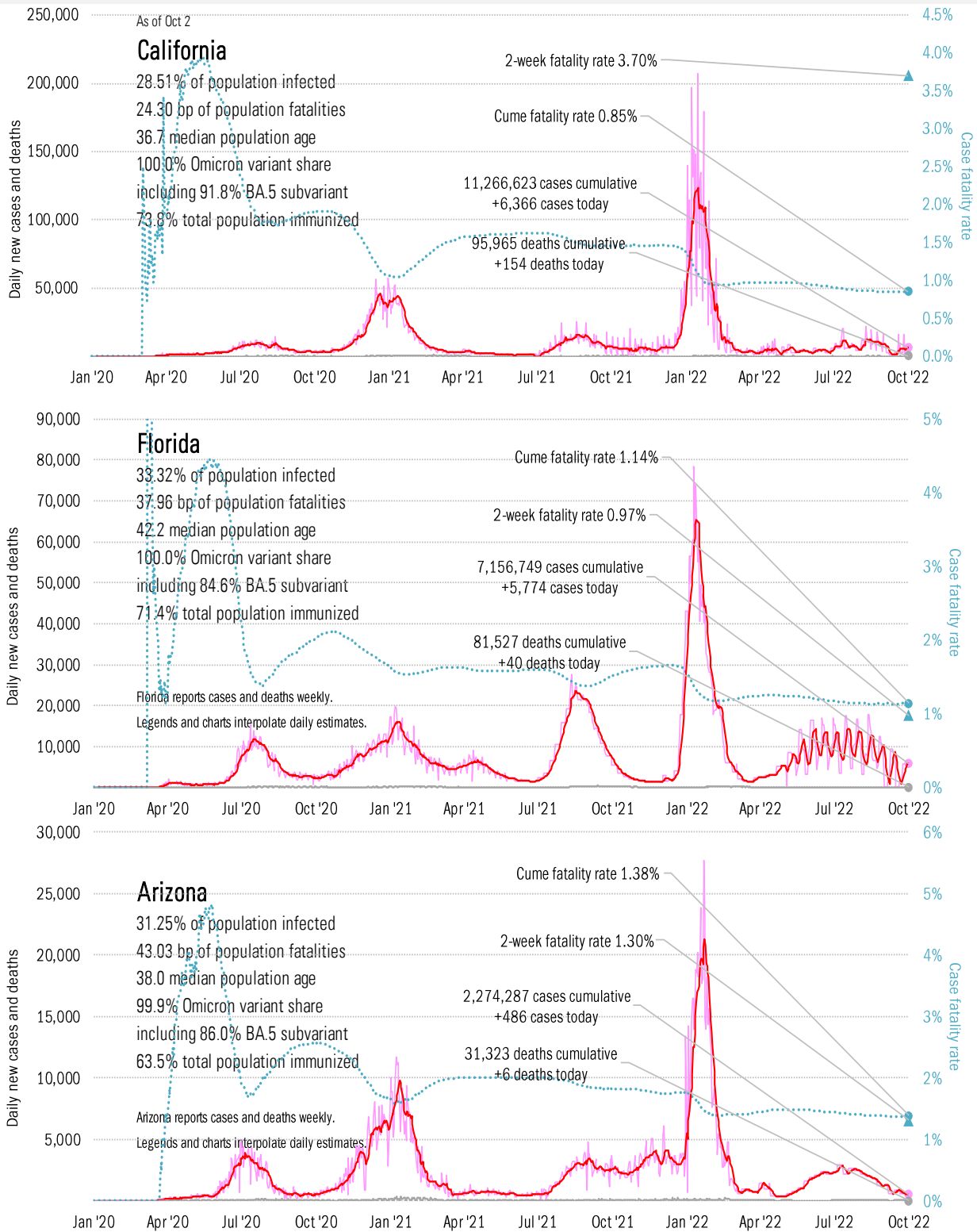
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

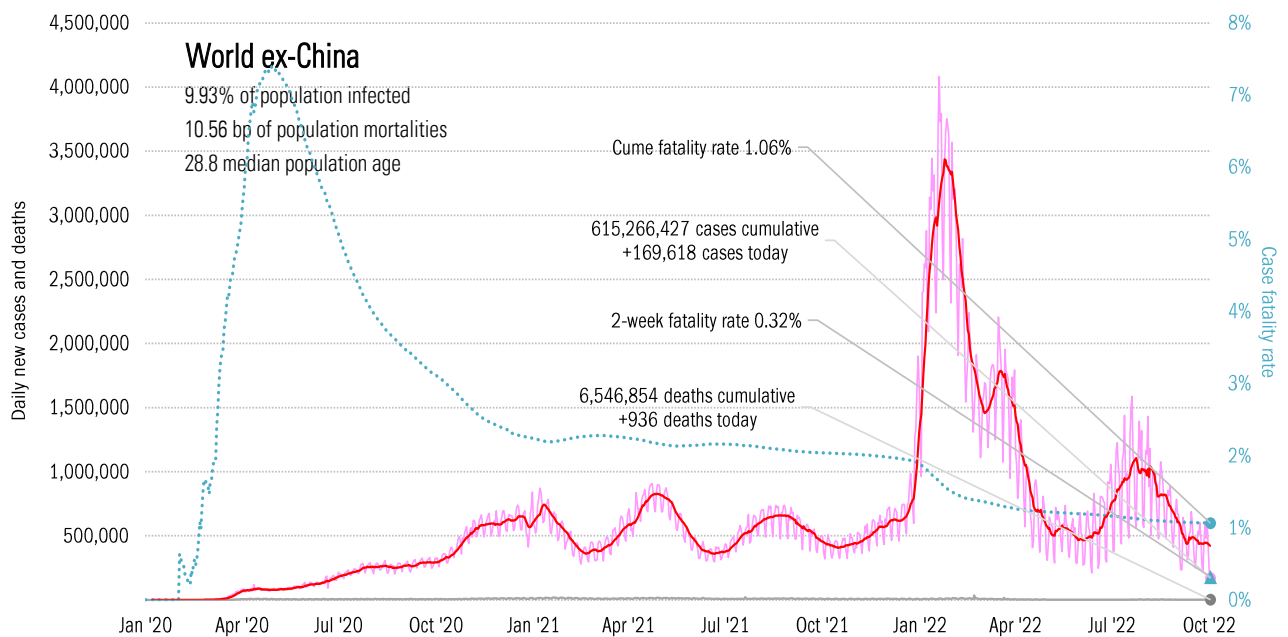
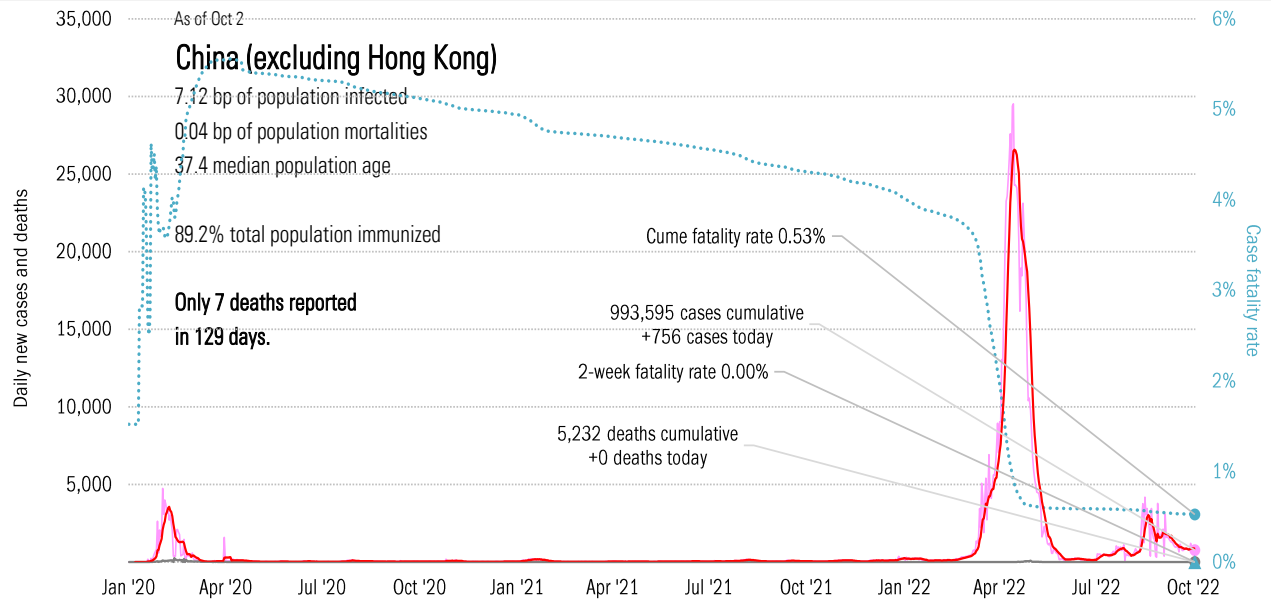
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

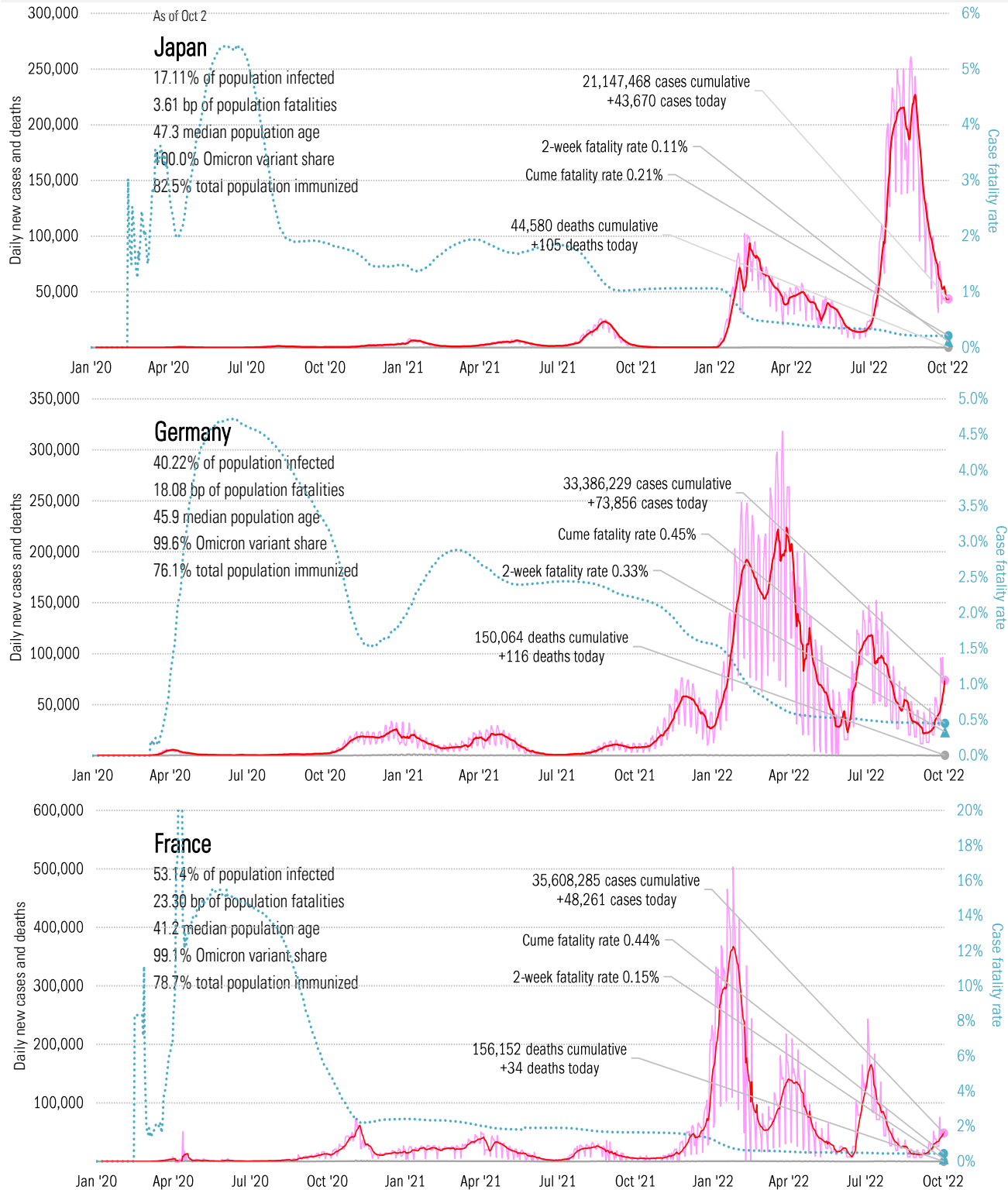
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

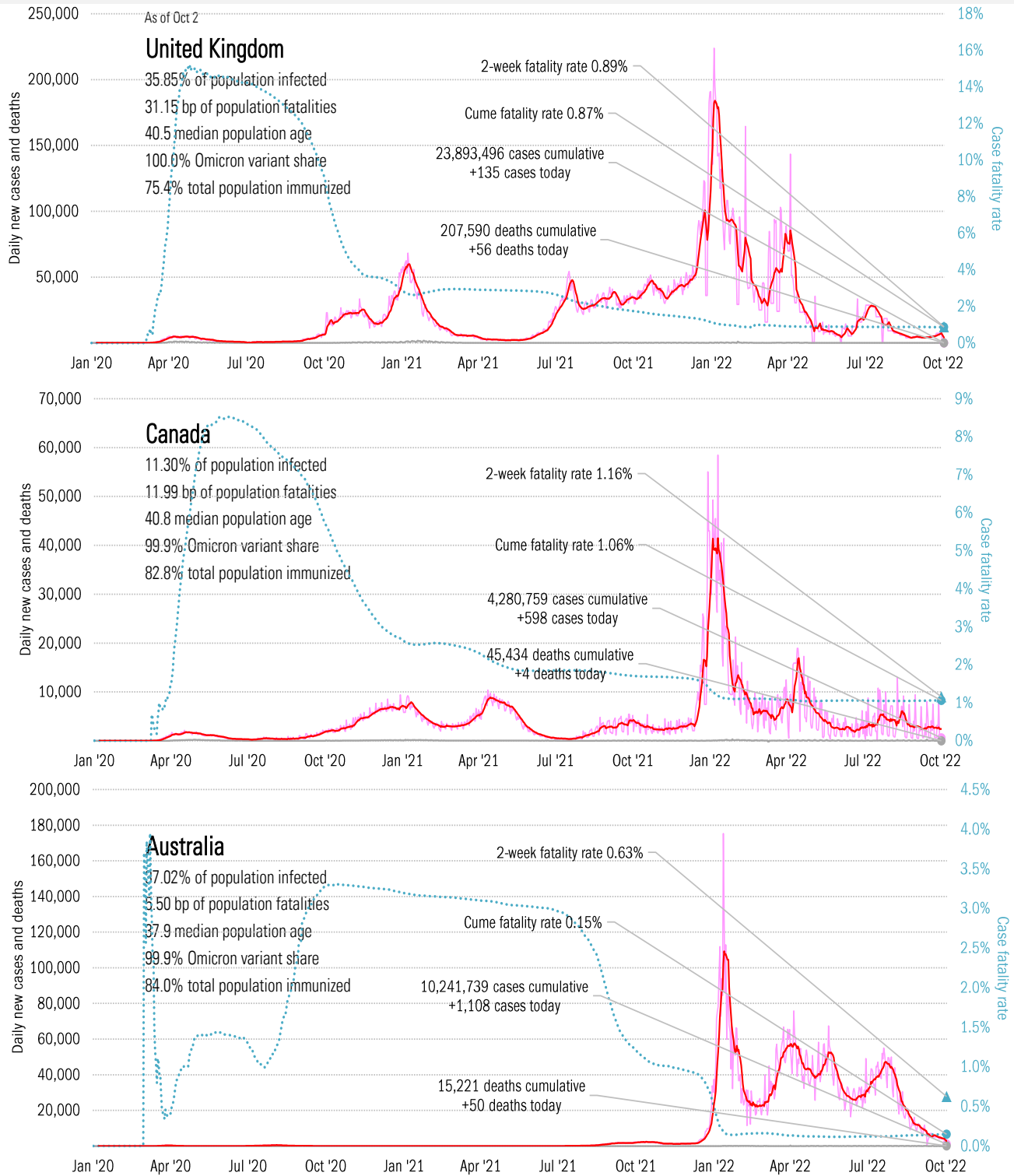
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

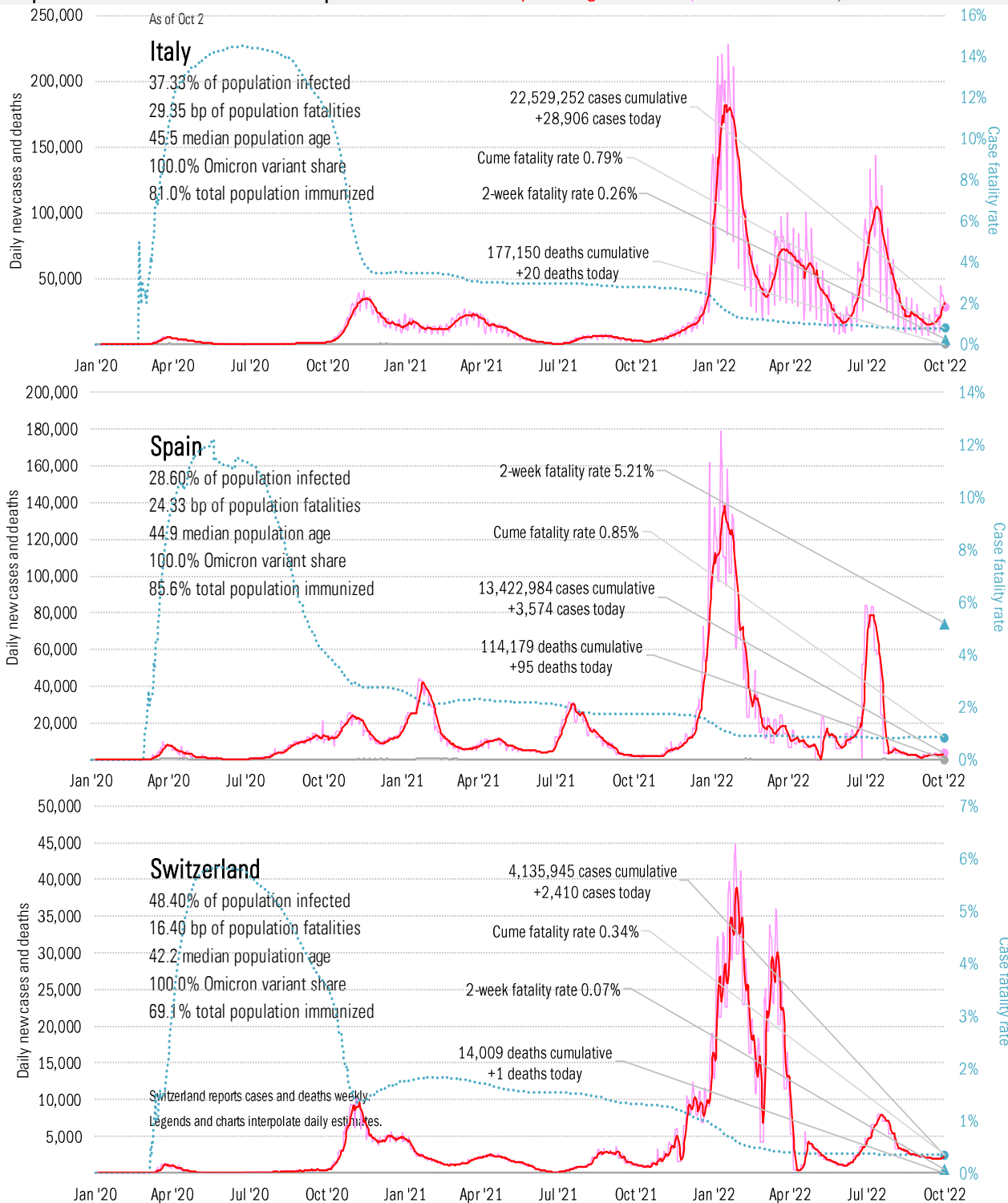
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

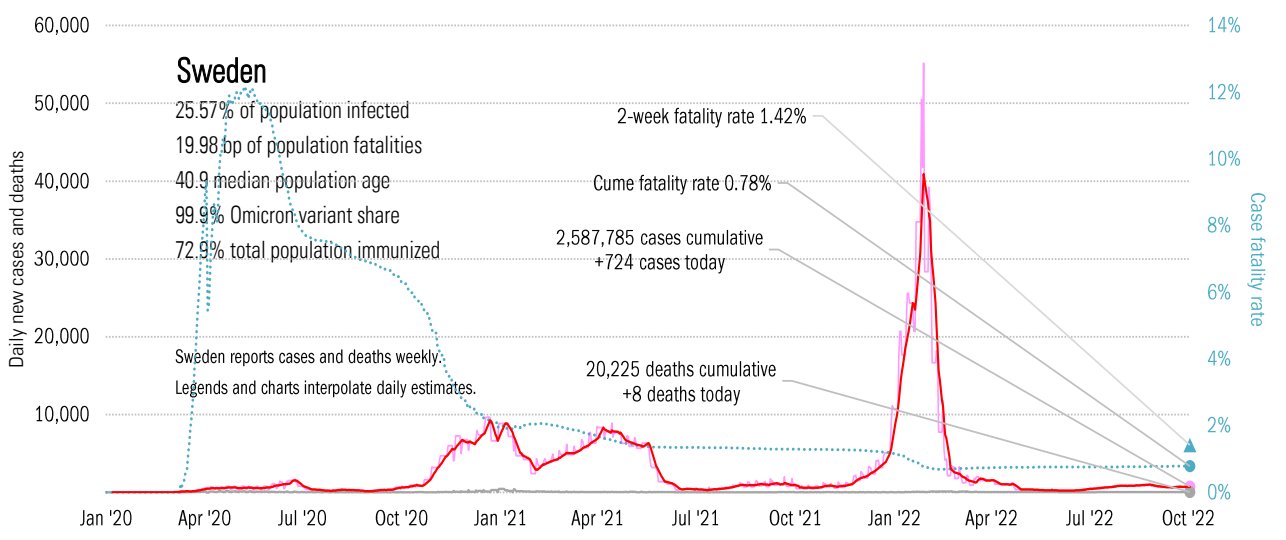
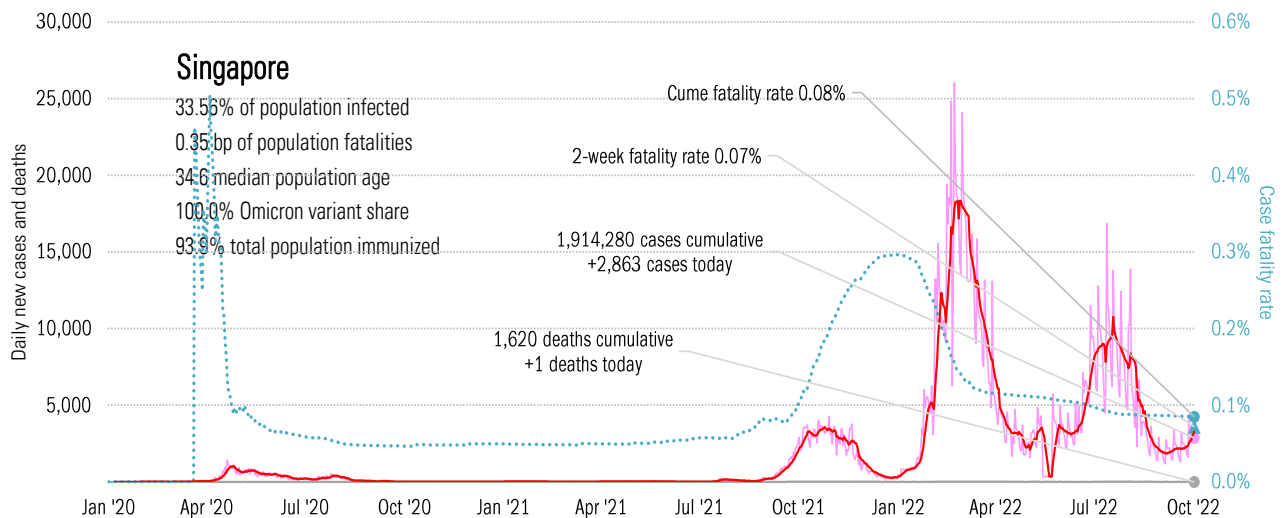
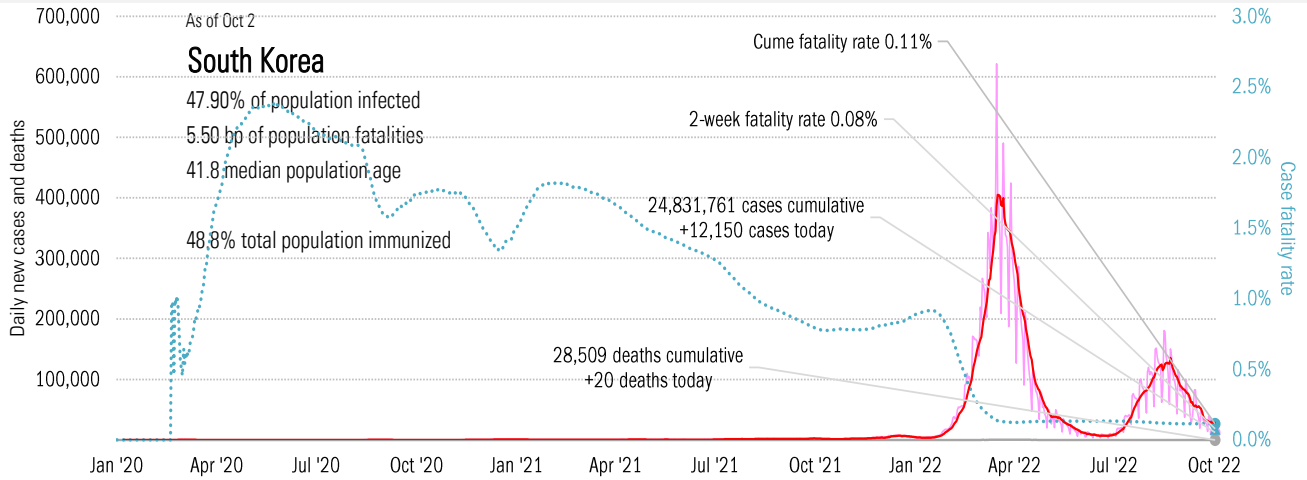
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

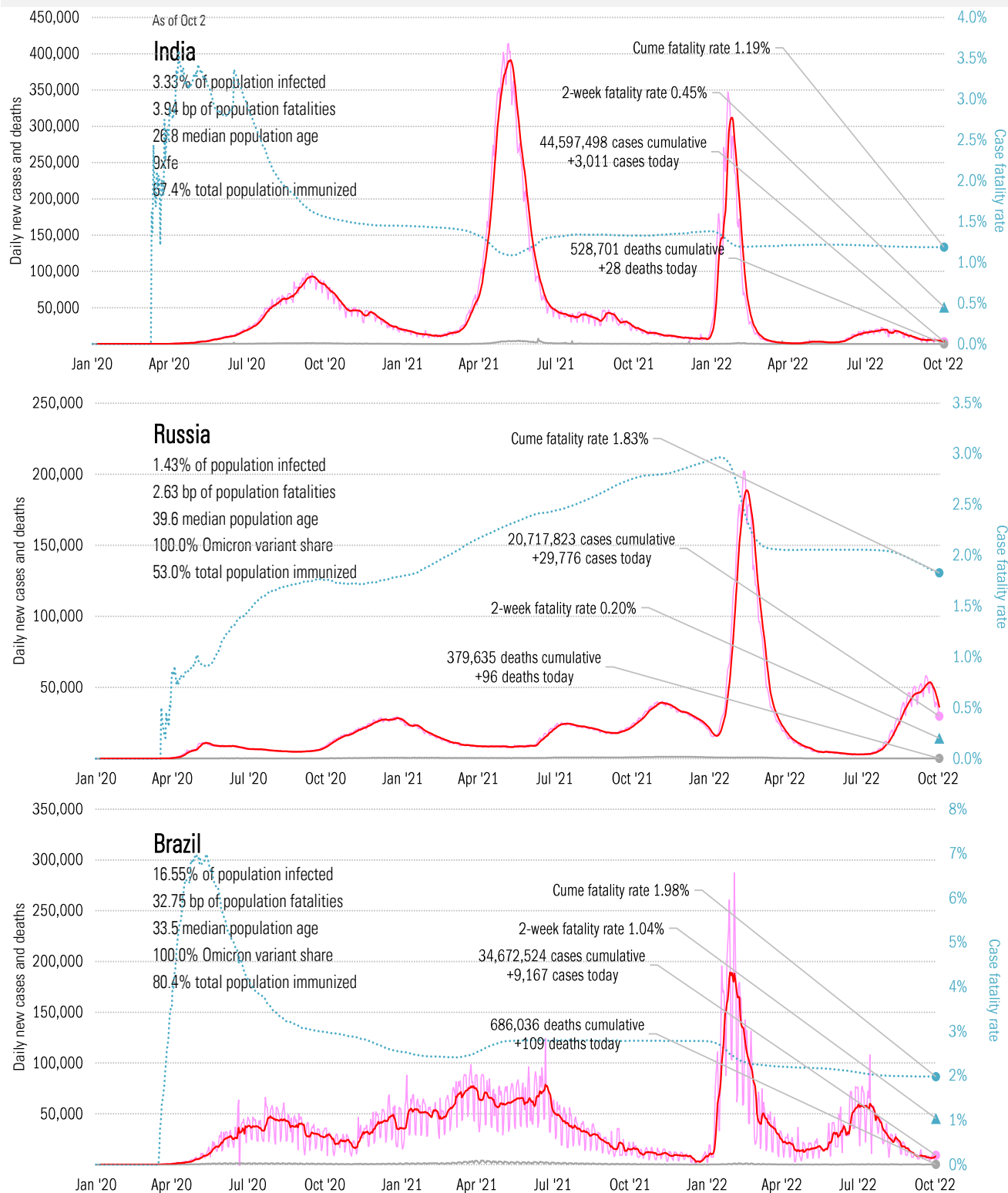
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

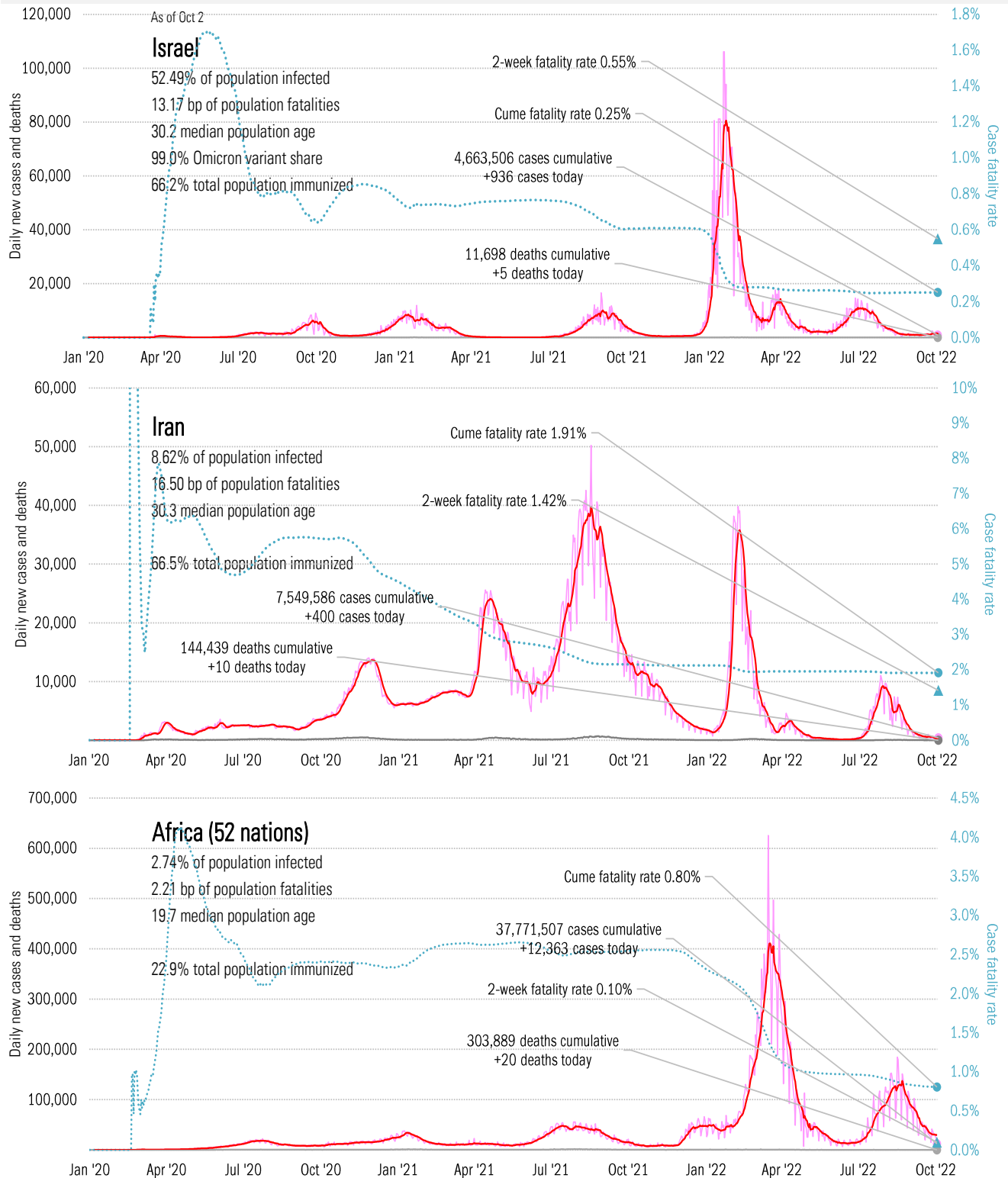
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

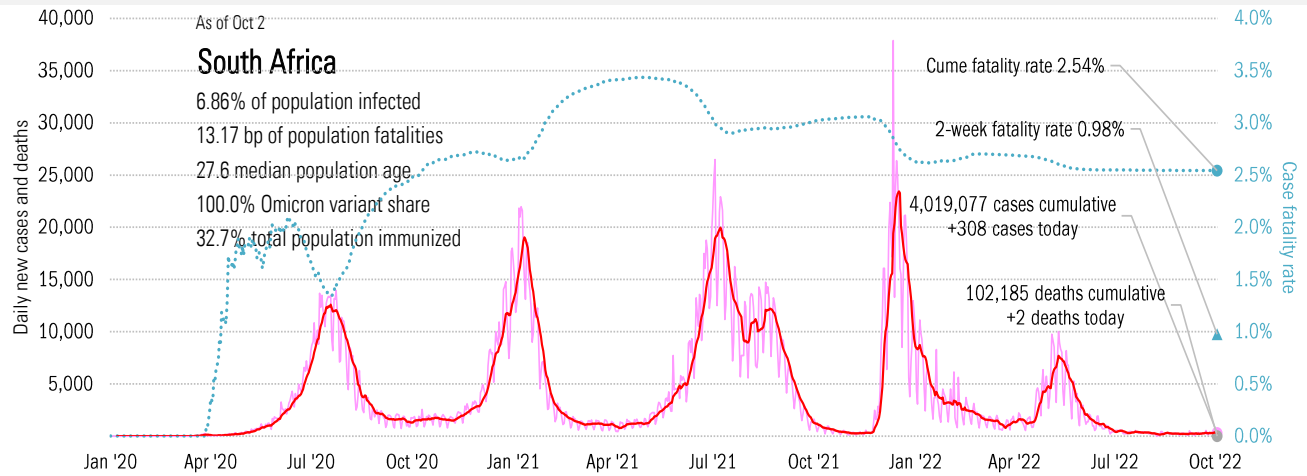
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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