

Data Insights: Covid-2019 Monitor

Tuesday, October 4, 2022

The global scorecard

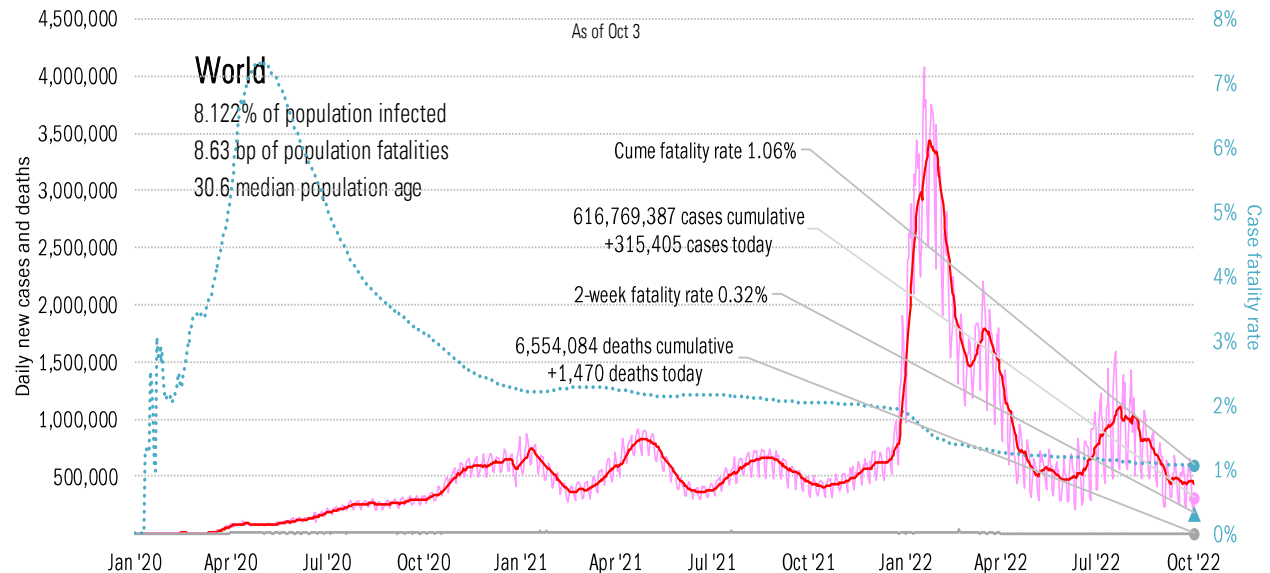
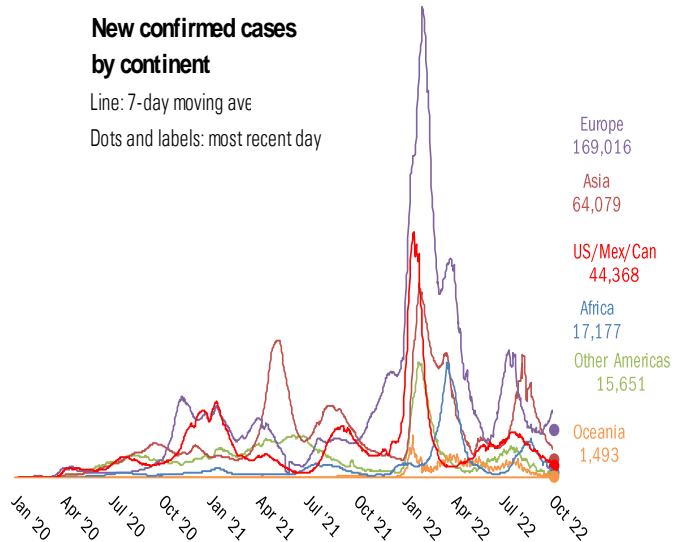
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
France	92,739	United States	527
United States	52,545	Brazil	335
Taiwan*	33,409	Russia	90
Russia	23,939	France	86
Korea, South	16,423	Japan	53
Japan	15,167	Italy	47
Italy	13,316	Taiwan*	38
Brazil	12,005	Philippines	29
Belgium	8,828	Portugal	27
Austria	8,487	Czechia	24
276,858		1,256	
World	315,405	World	1,470
Top ten	88%	Top ten	85%

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

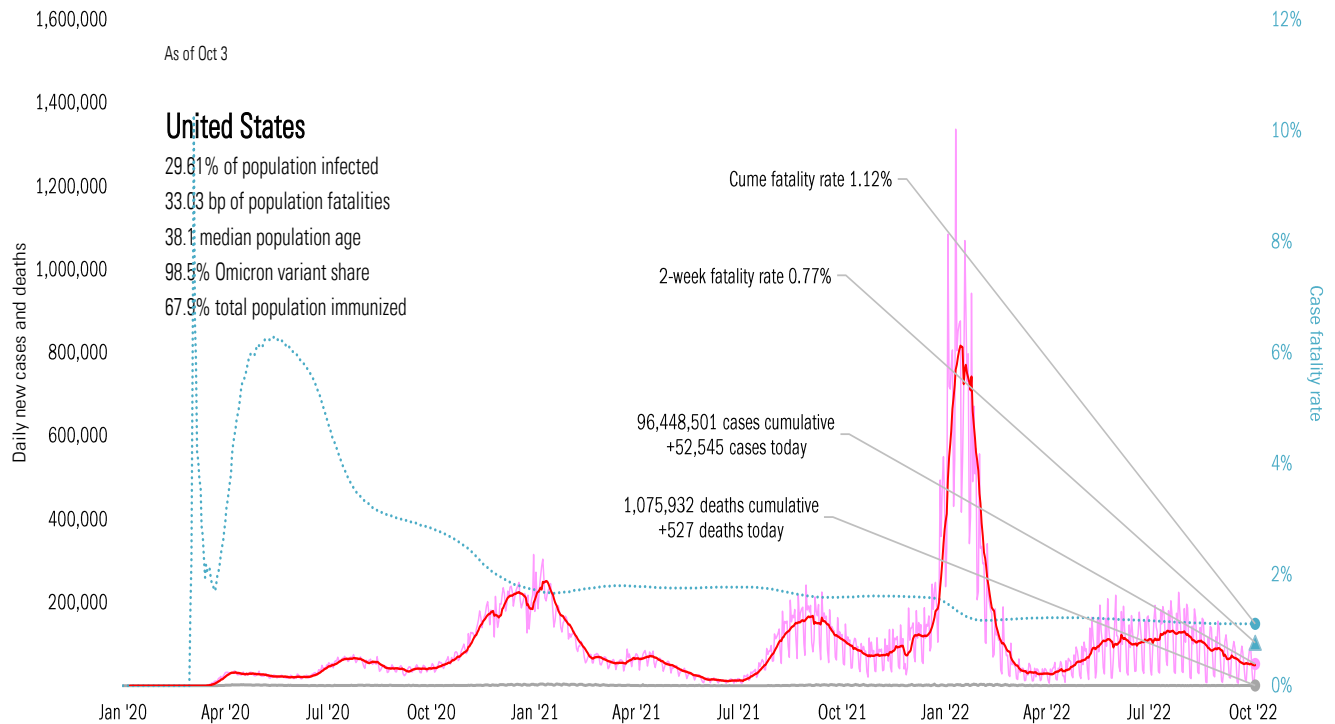
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use			
NY	7,071		KS	68		CA	328		CA	11,269,064		CA	95,990		TX	546,160		RI	93%		RI	91%	
FL	5,774		VA	35		MI	150		TX	8,001,850		TX	90,940		CA	500,630		MA	87%		AK	90%	
KY	3,789		IN	34		GA	105		FL	7,156,749		FL	81,555		FL	493,922		NE	85%		MA	85%	
WA	2,462		TN	28		PA	180		NY	6,133,718		NY	71,855		NY	300,498		MN	85%		TX	85%	
CA	2,441		FL	28		MN	66		IL	3,765,867		PA	47,213		GA	226,020		WA	83%		NC	82%	
NC	2,299		NY	27		WI	65		PA	3,254,818		GA	40,281		CH	218,608		GA	83%		NH	81%	
MI	2,097		TX	27		MA	114		NC	3,193,866		CH	39,856		PA	204,211		DE	83%		NM	80%	
TX	1,870		CA	25		OK	37		CH	3,143,746		IL	39,718		IL	186,965		AK	81%		AL	79%	
H	1,822		MI	23		RI	16		GA	2,905,400		MI	38,624		MI	162,939		MO	81%		VT	79%	
CH	1,729		IL	20		DC	17		MI	2,836,167		NJ	34,754		KY	145,227		DC	79%		DC	78%	
31,353			315			1,078			51,666,245			580,786			2,985,180								
All states	52,545			527			3,173		All states	96,448,501			1,075,932			5,416,292		All states	70%			67%	
Top ten	60%			60%			34%		Top ten	54%			55%			55%		Median	75%			71%	

Some states not reporting

Five most improved US states

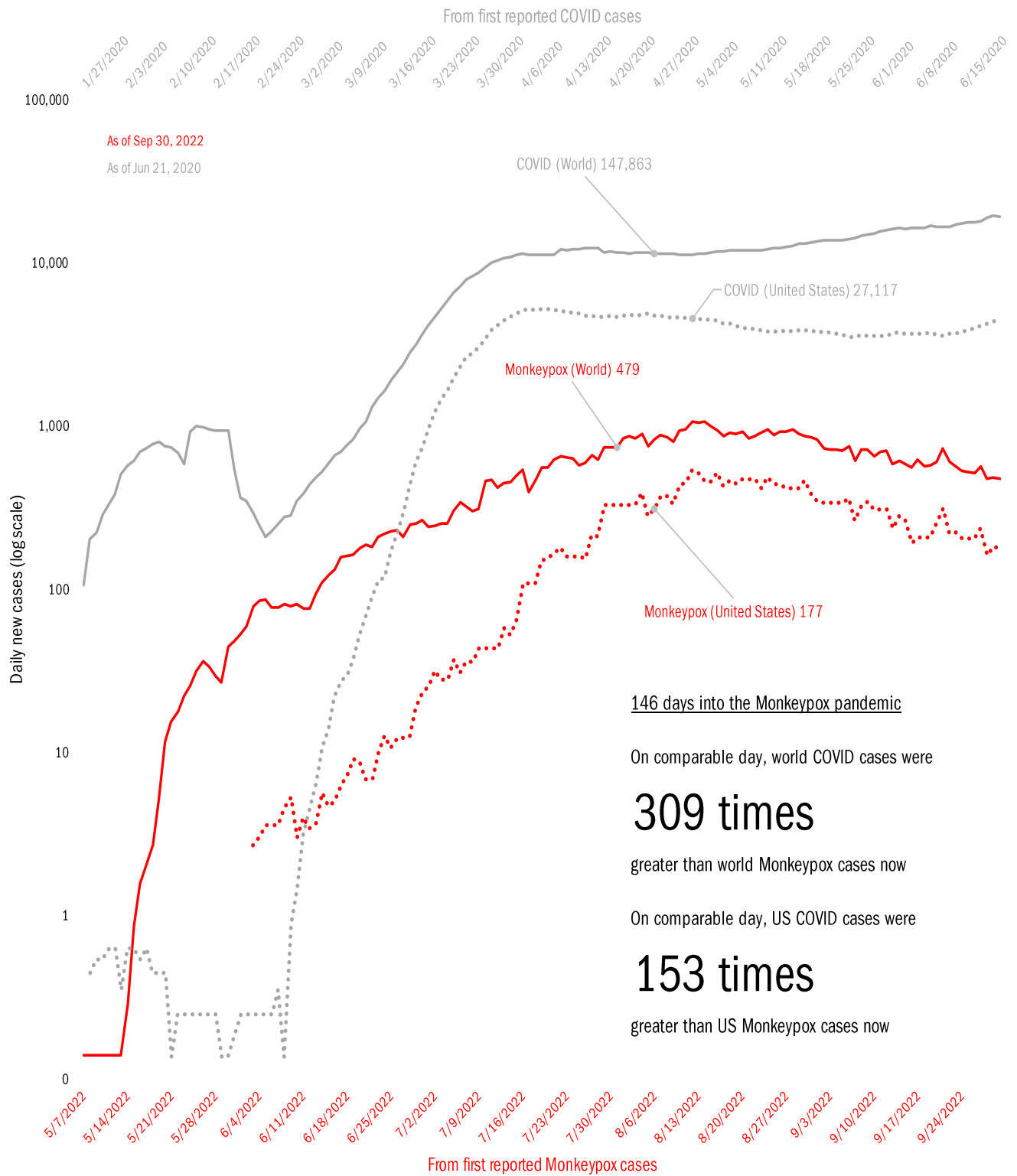
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CA	-3,925	CA	-129	MO	-38
MO	-3,873	WA	-19	NY	-26
PA	-1,715	FL	-12	CT	-16
NJ	-589	MD	-6	TX	-11
WA	-220	LA	-2	FR	-10



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

The Monkeypox contextualizer

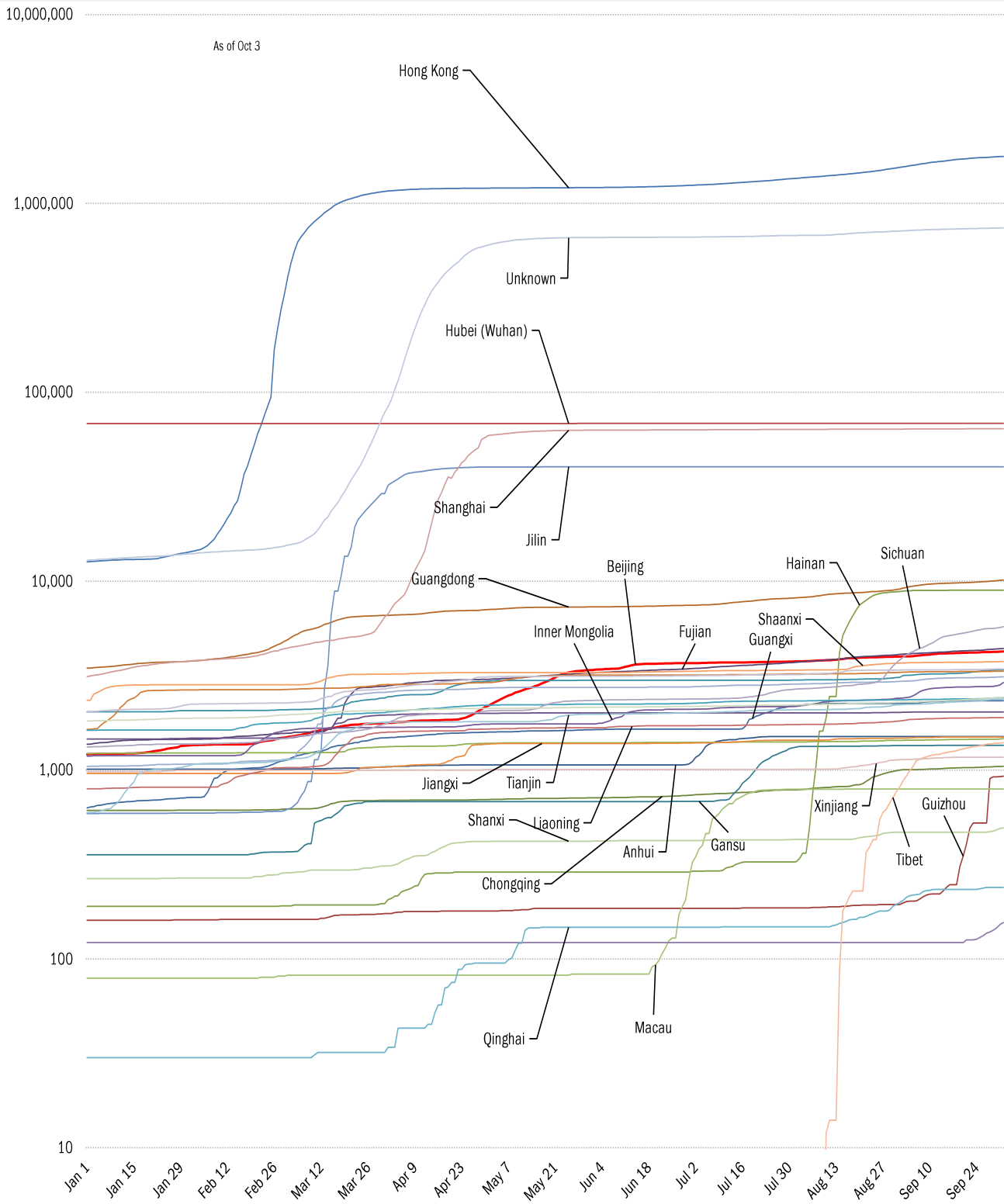
The course of case growth versus COVID



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"

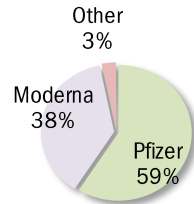


Source: [Johns Hopkins](#), TrendMacro calculations

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%



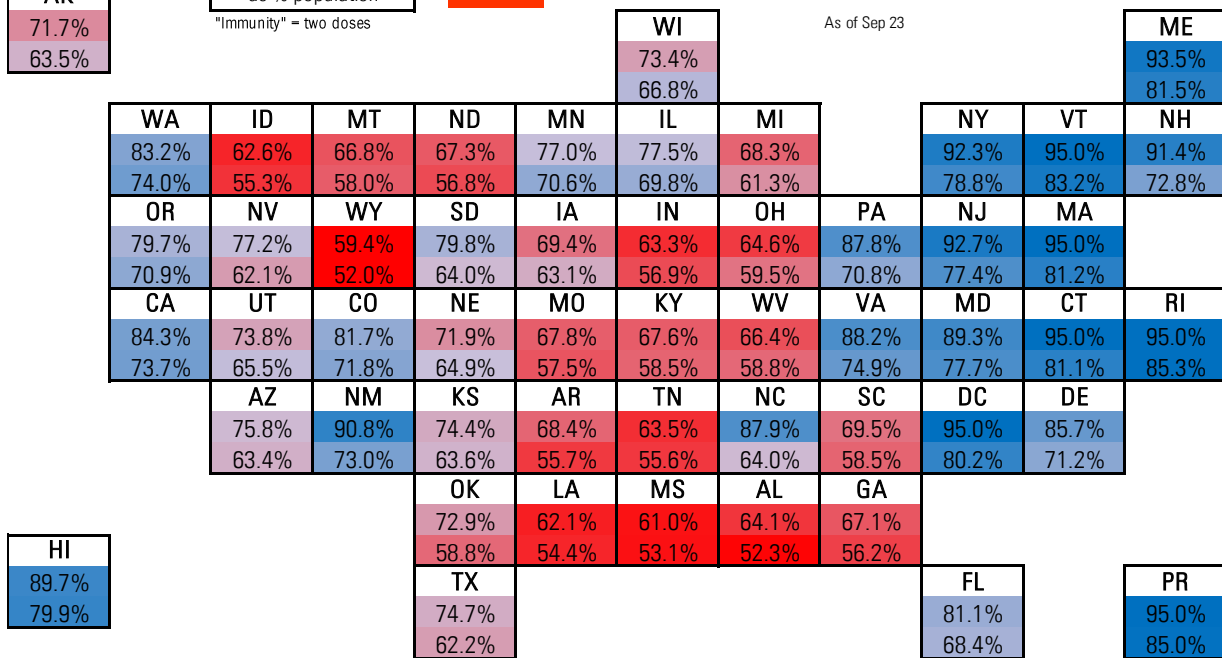
AK	71.7%
	63.5%

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

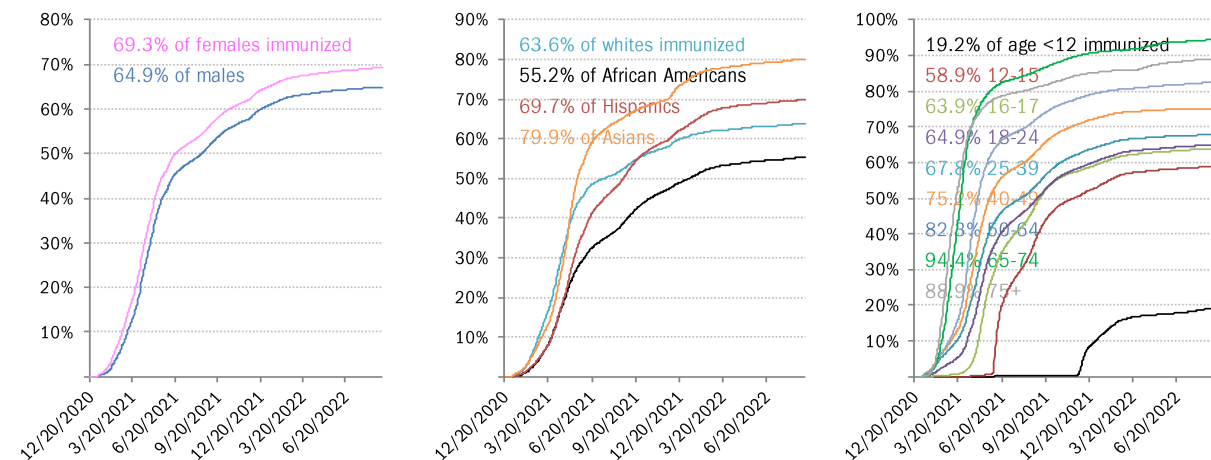
"Immunity" = two doses

Best
Middle
Worst

Global data differs due to sources, timing

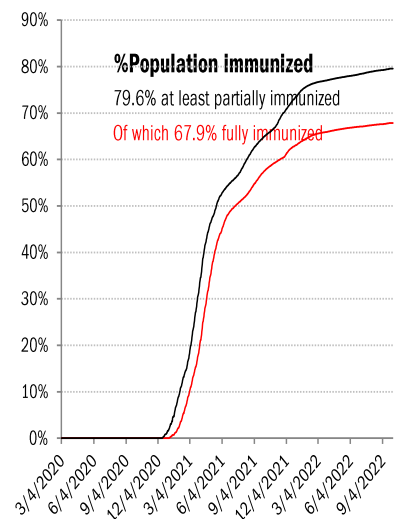
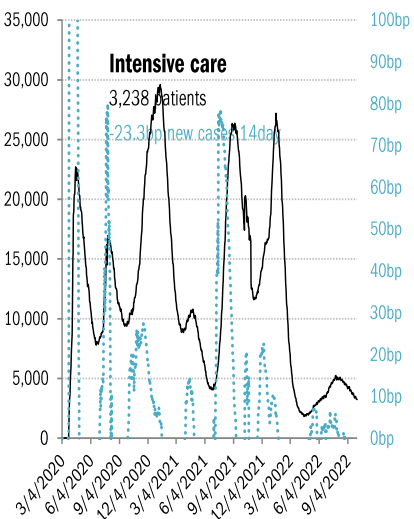
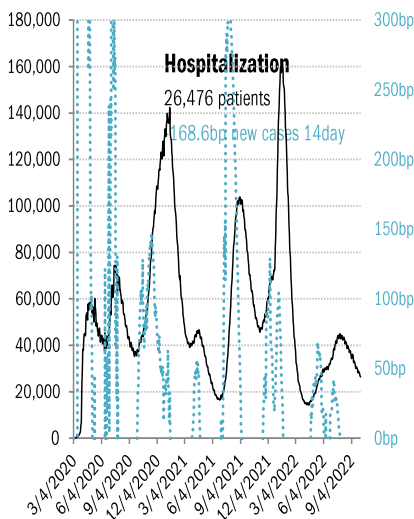
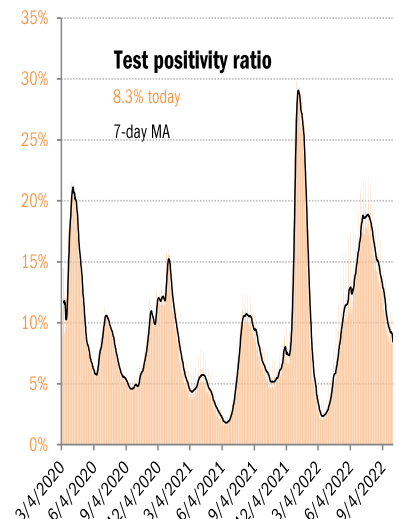
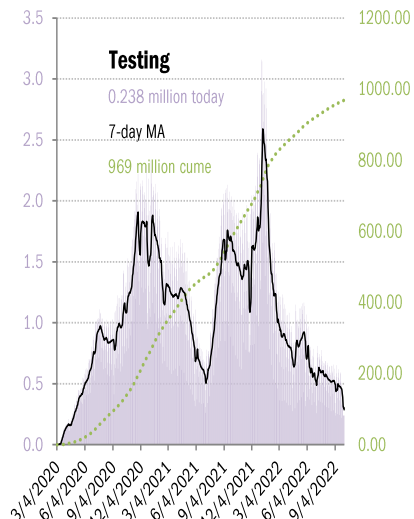
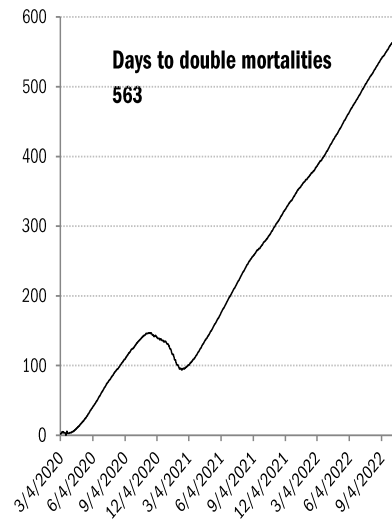
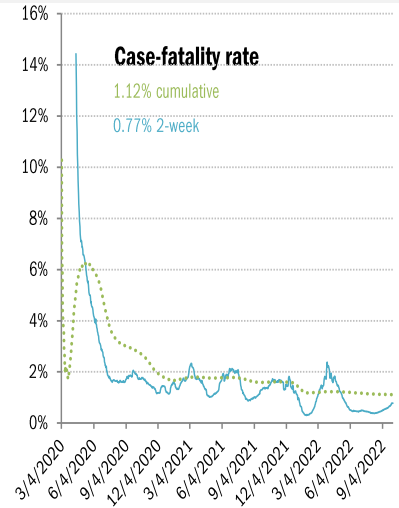
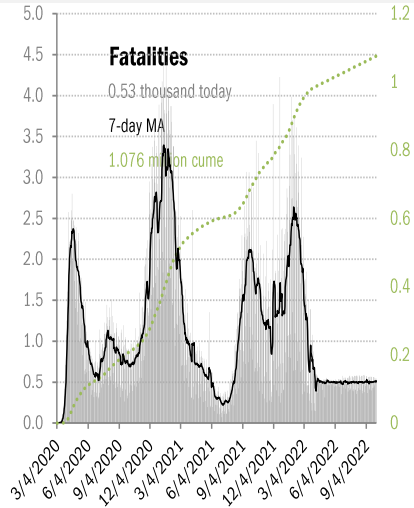
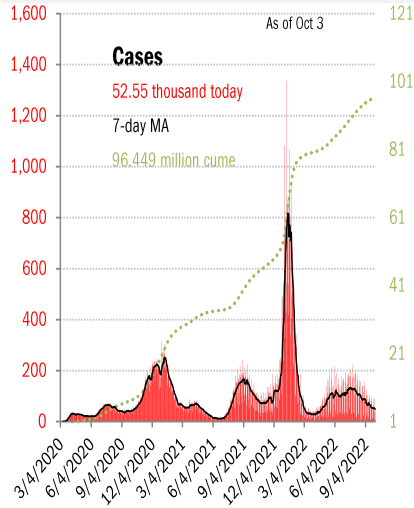


The demographics of US vaccination

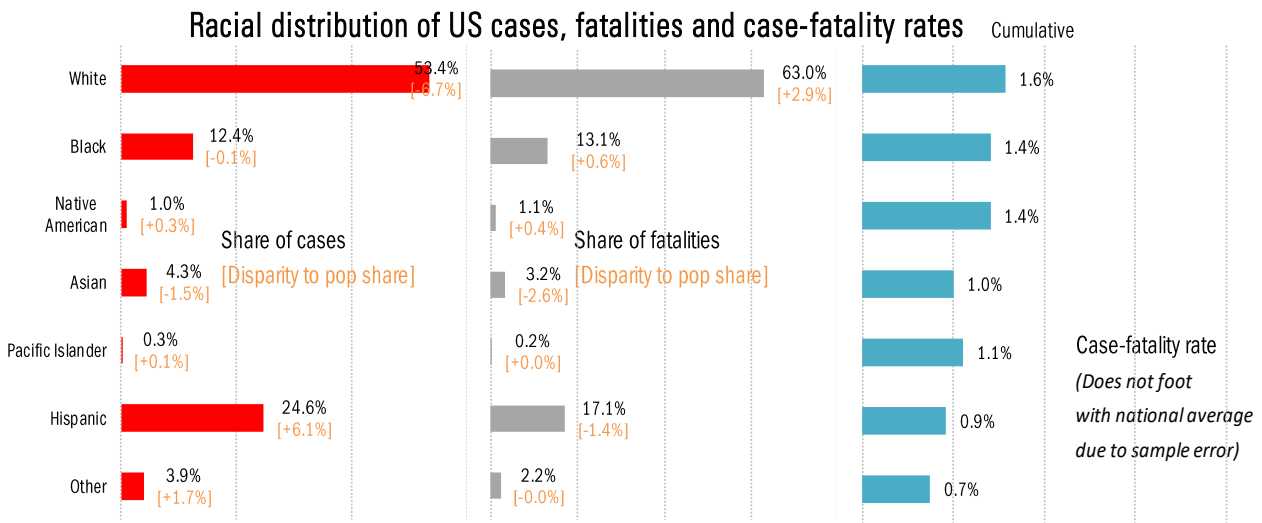
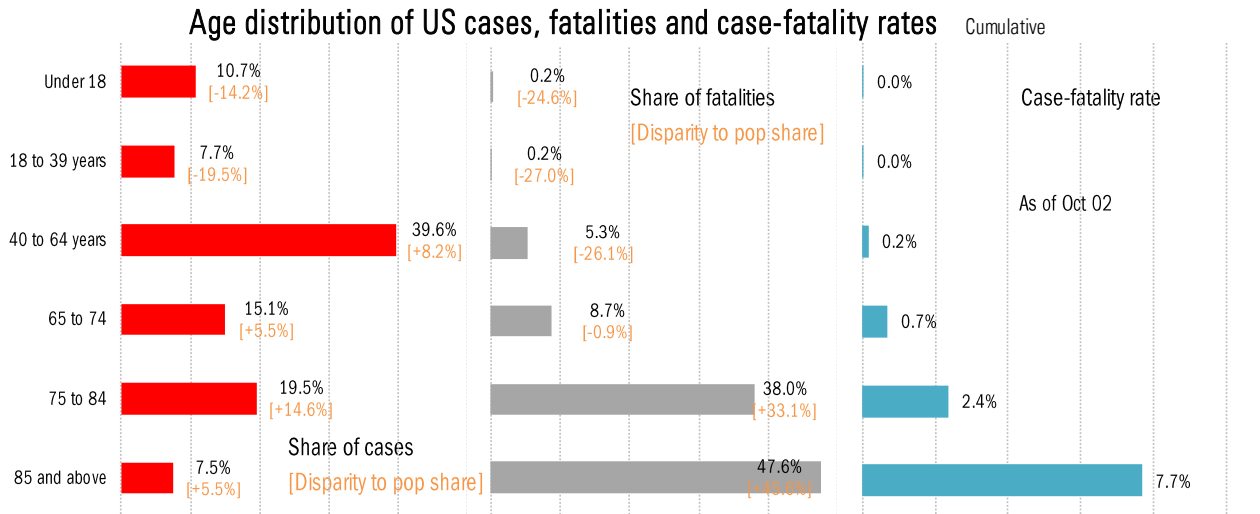


Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

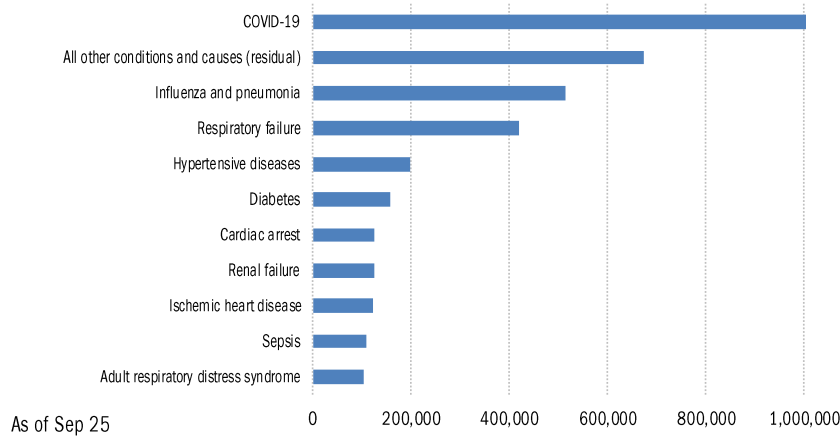


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



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

[Batshit crazy: EcoHealth Alliance and Peter Daszak just got a NEW federal grant to research coronaviruses](#)

Alex Berenson
Unreported Truths
October 3, 2022

[Why is the Government giving more money to Peter Daszak?](#)

Ashley Rindsberg
The Post
October 3, 2022

[Ringo Starr postpones shows due to Covid-19](#)

Megan Thomas
CNN
October 3, 2022

[Doctors Speak Out Against 'Medical Totalitarianism' as Newsom Signs Bill That Punishes Doctors for COVID 'Misinformation'](#)

The Defender
October 3, 2022

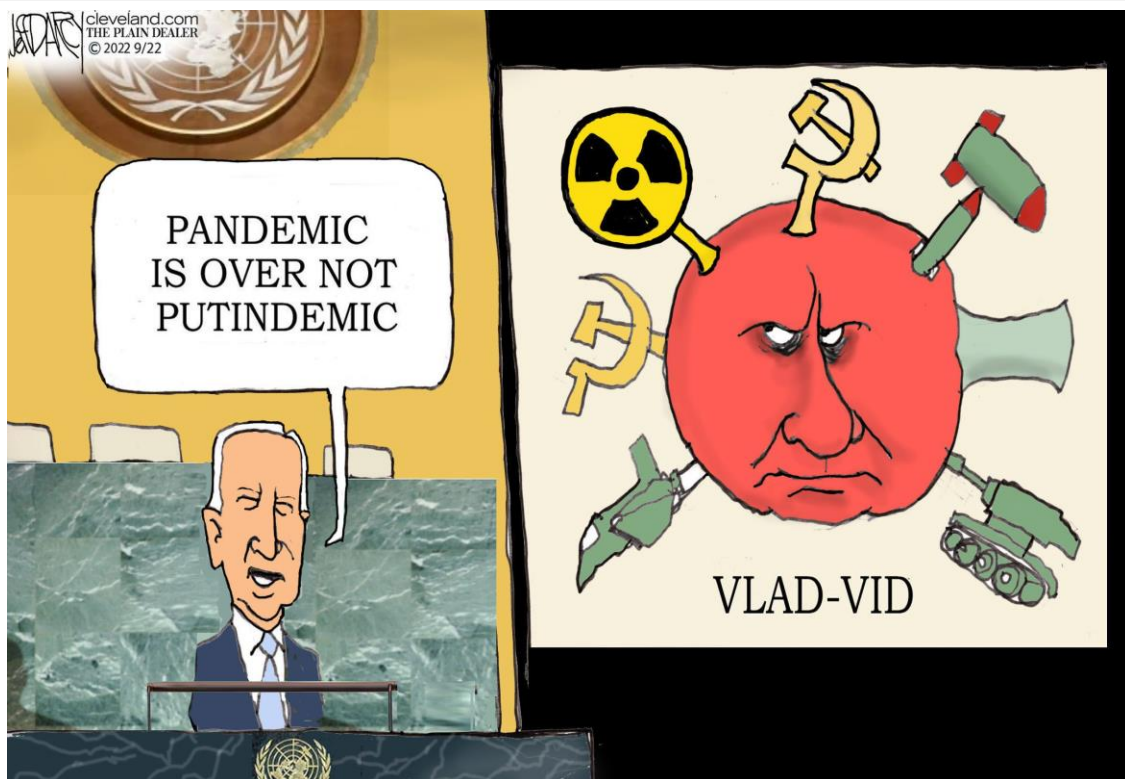
[Trader Joe's finally brings back free samples](#)

Nathaniel Meyersohn
CNN Business
October 3, 2022

[Cornell University Physician: I Was Wrong about Vaccine Mandates](#)

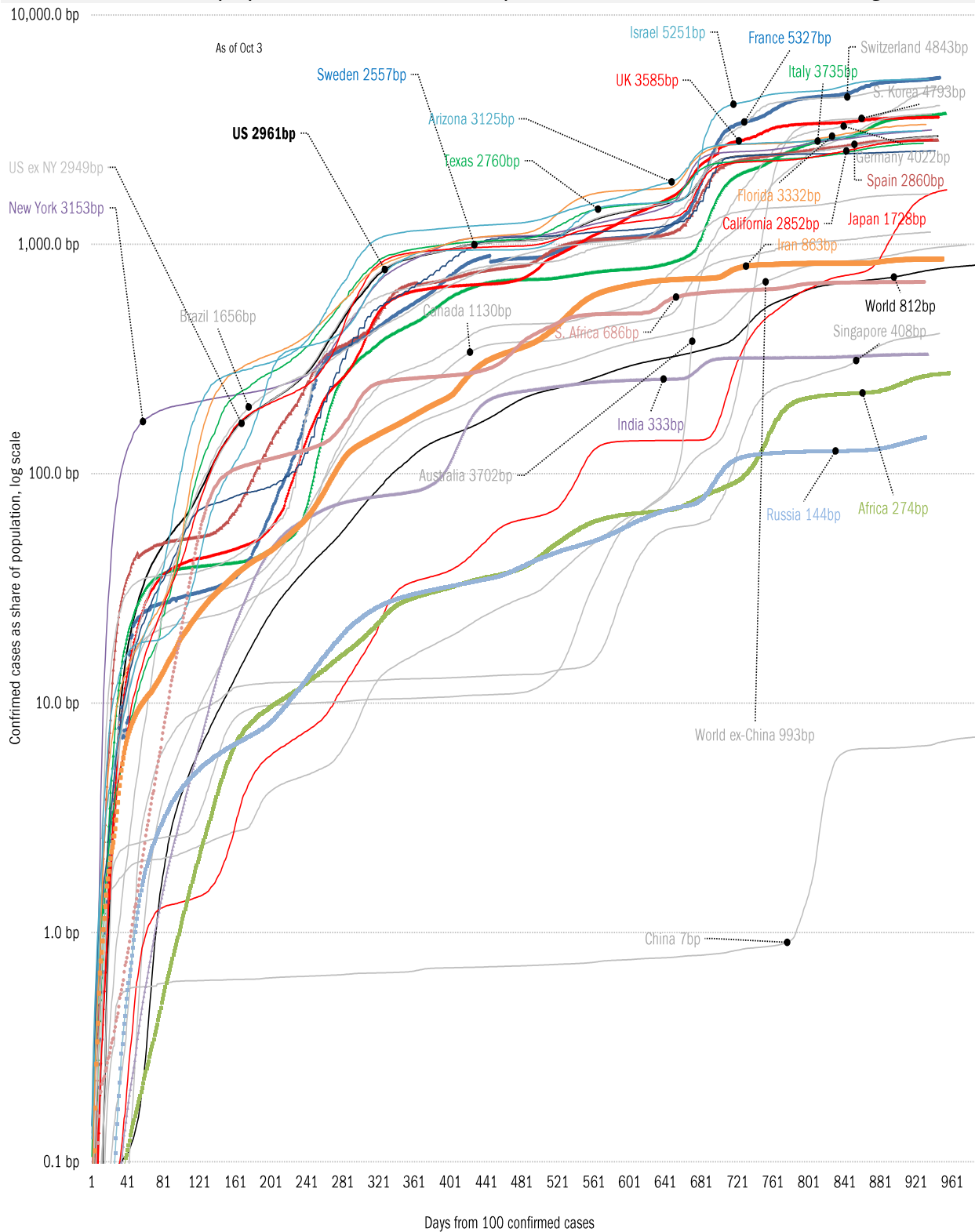
Jon Miltimore
Foundation for Economic Education
October 3, 2022

Meme of the day



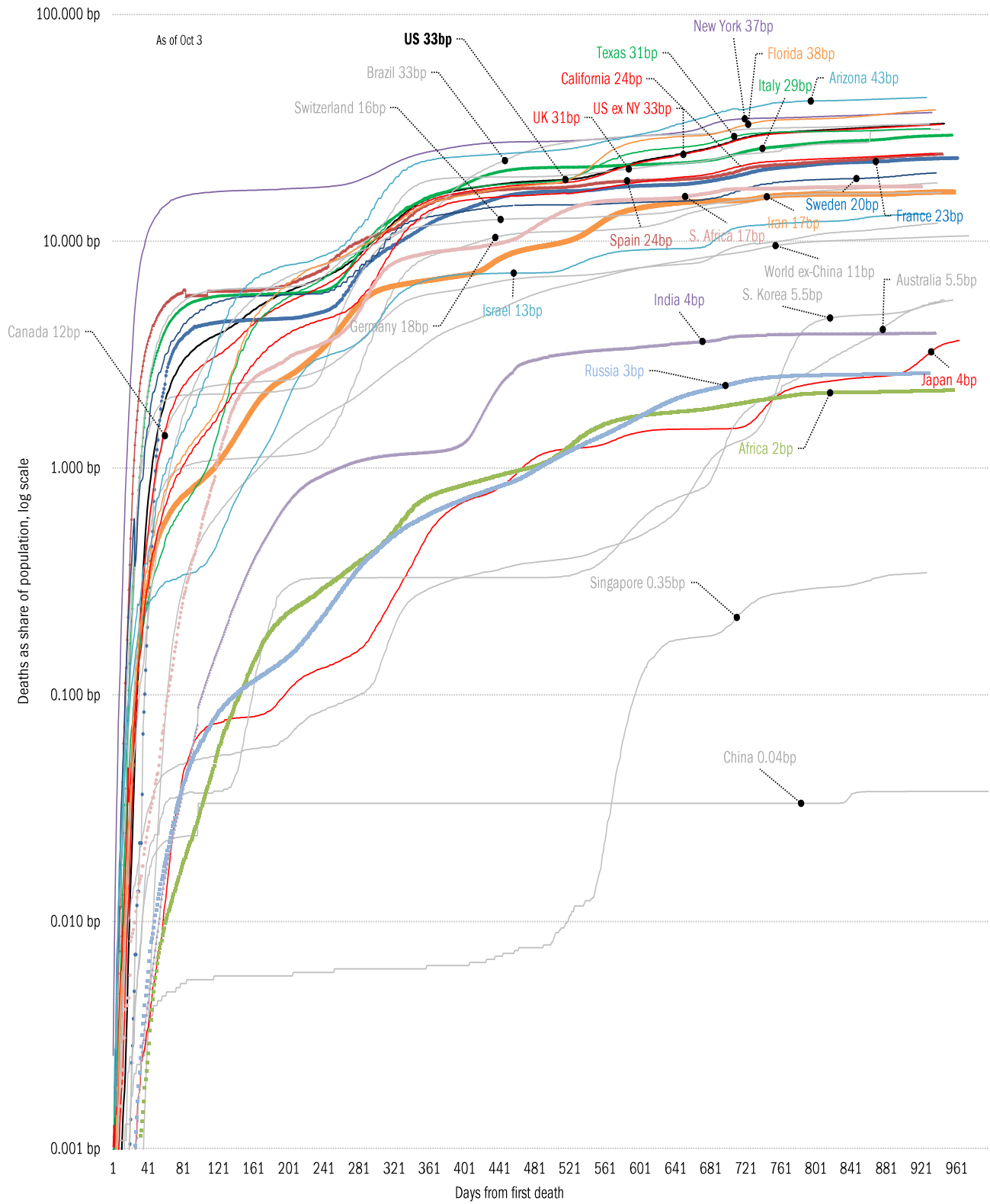
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

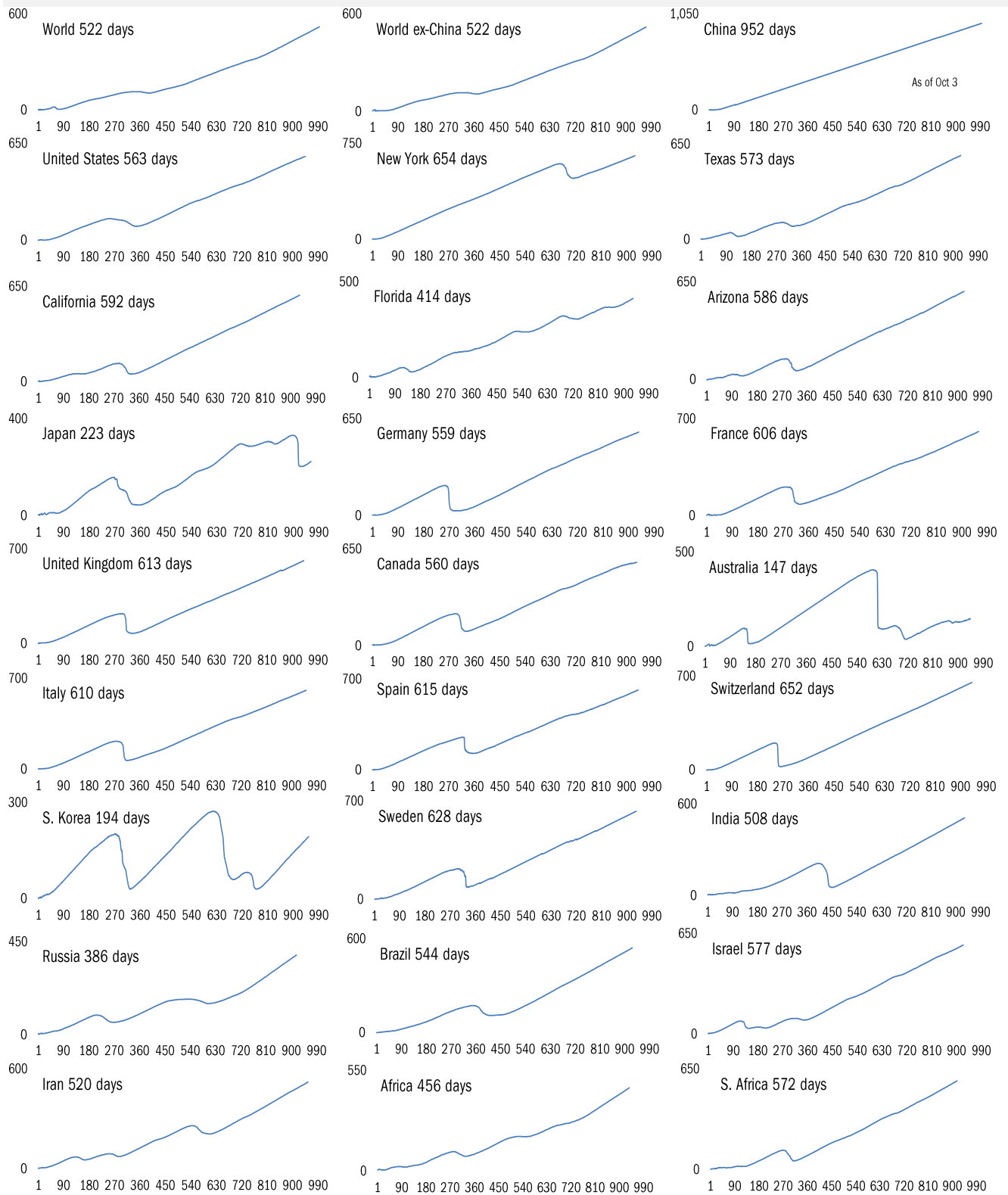


Source: [Johns Hopkins](#), TrendMacro calculations

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

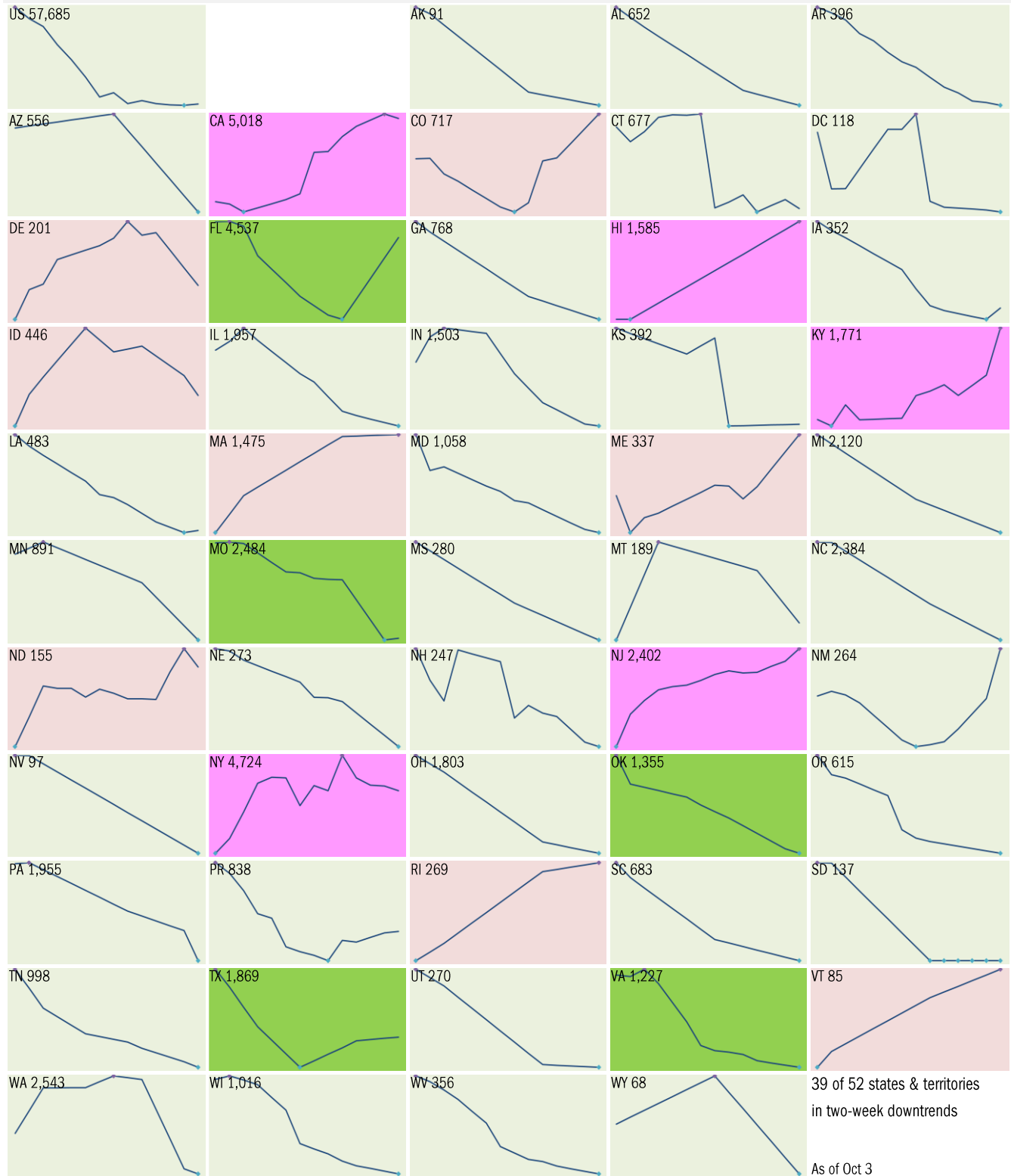


Source: [Johns Hopkins](#), TrendMacro calculations

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

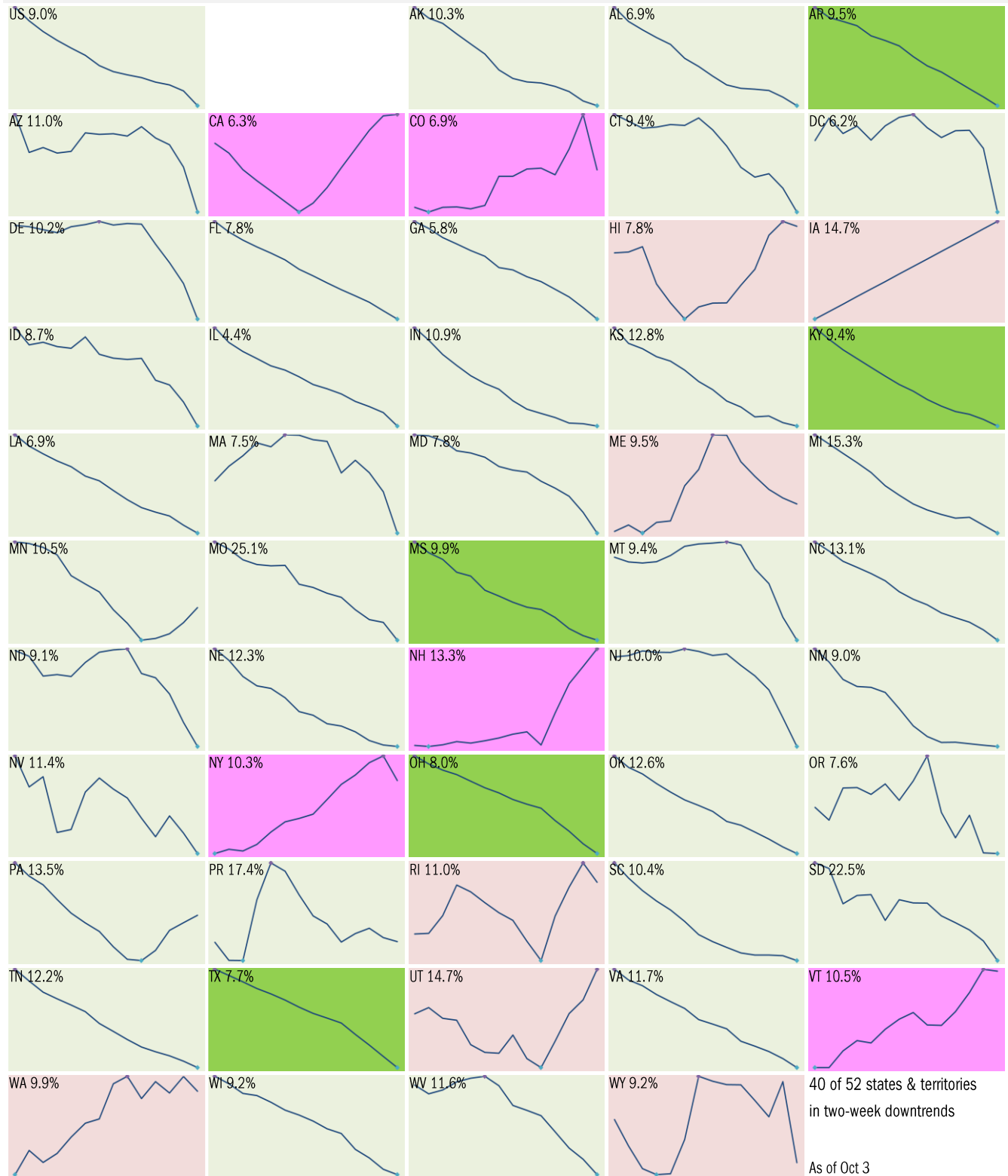


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

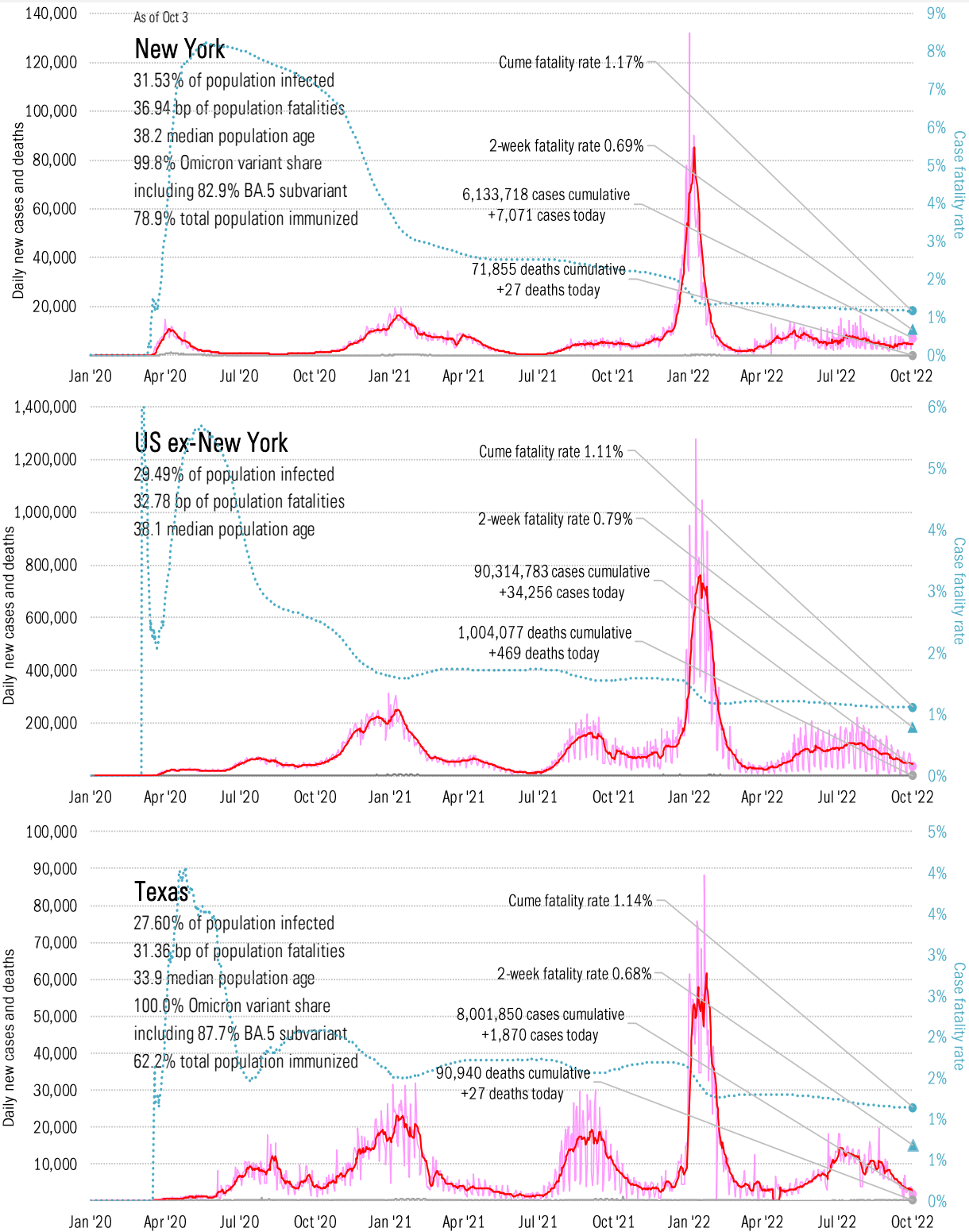
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

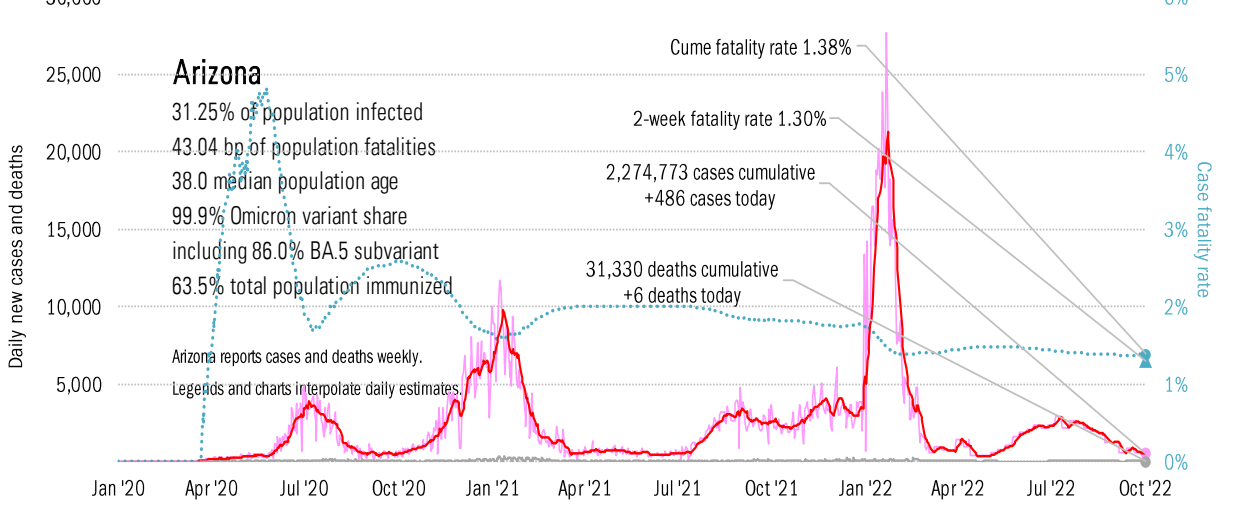
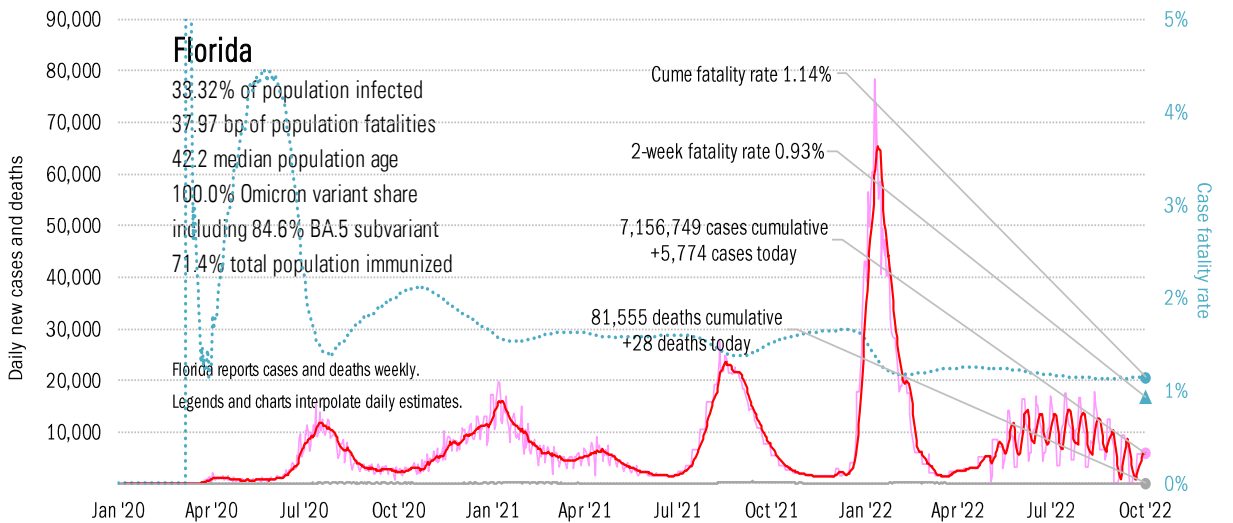
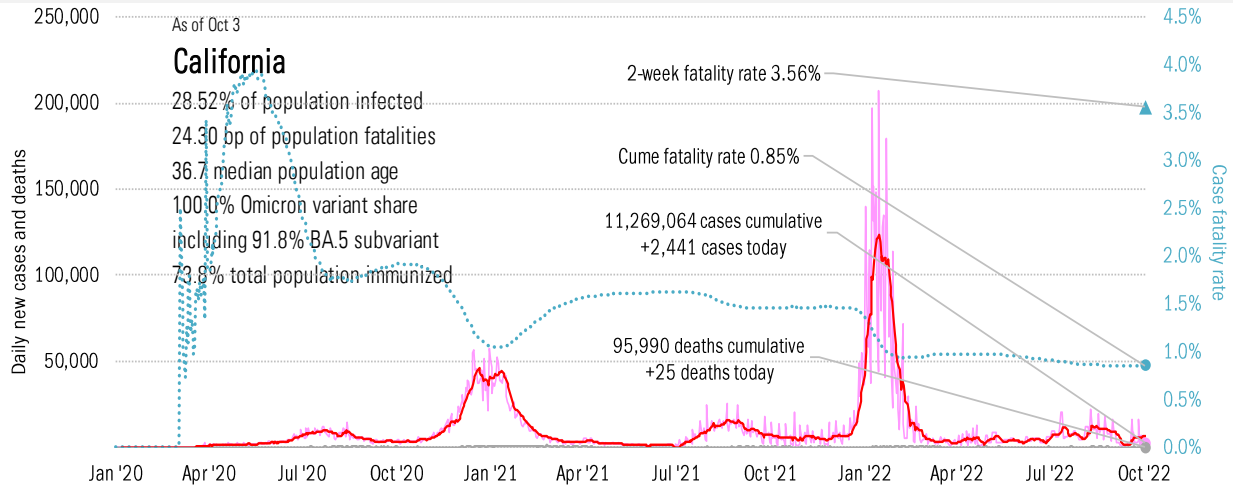
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

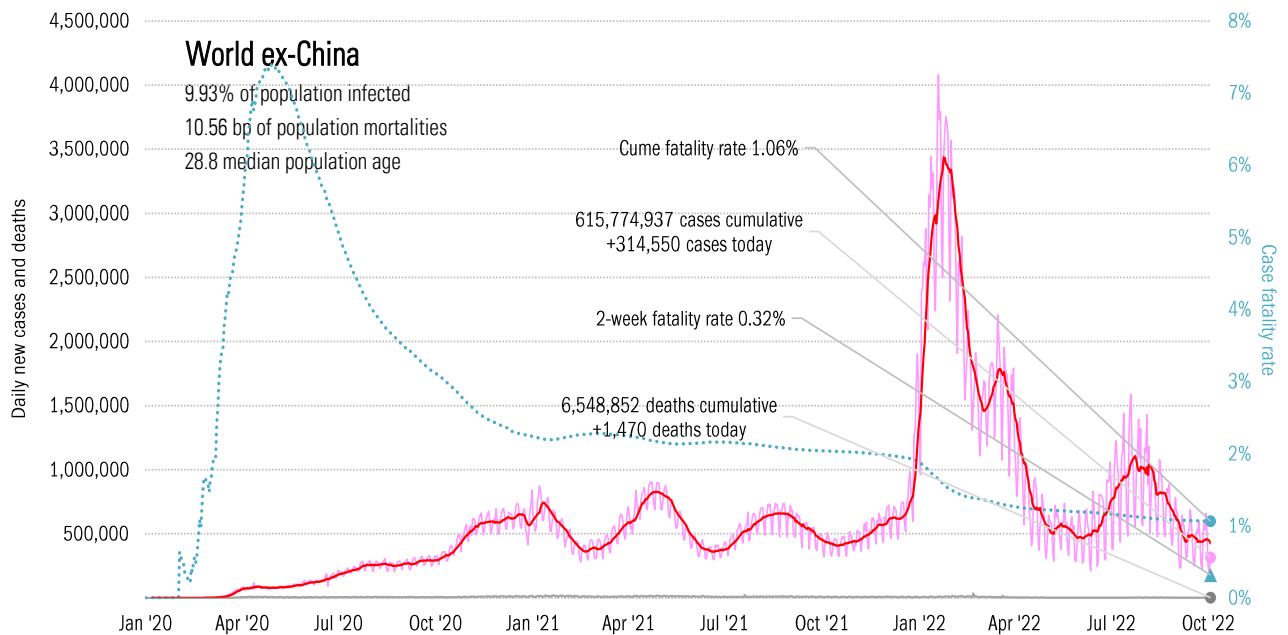
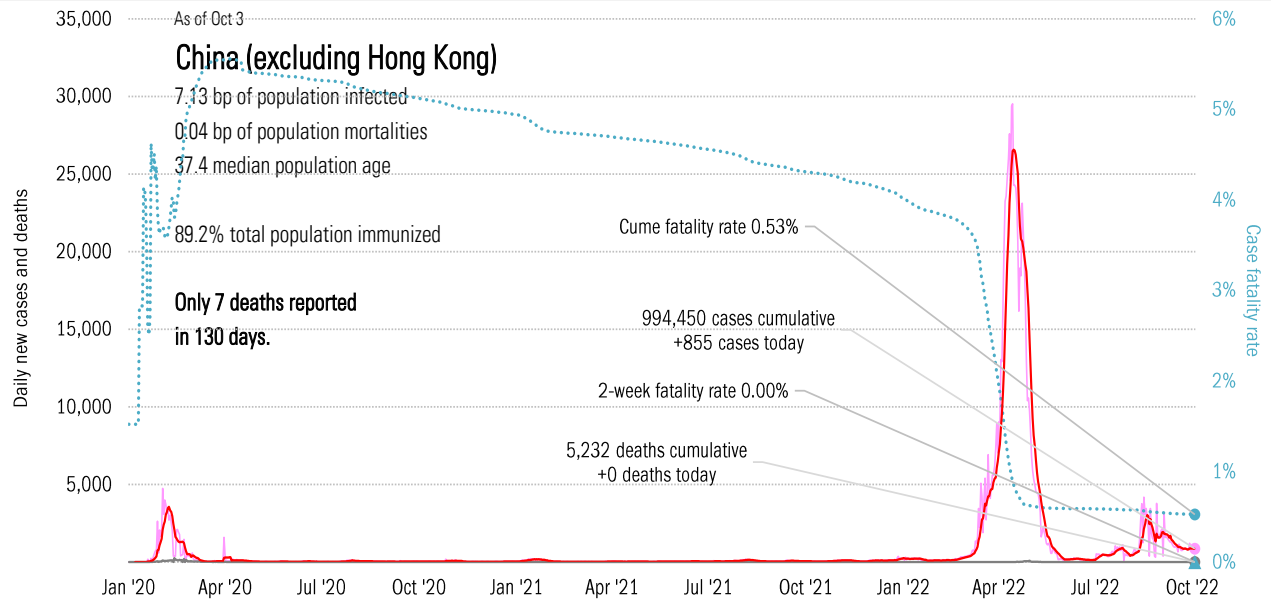
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

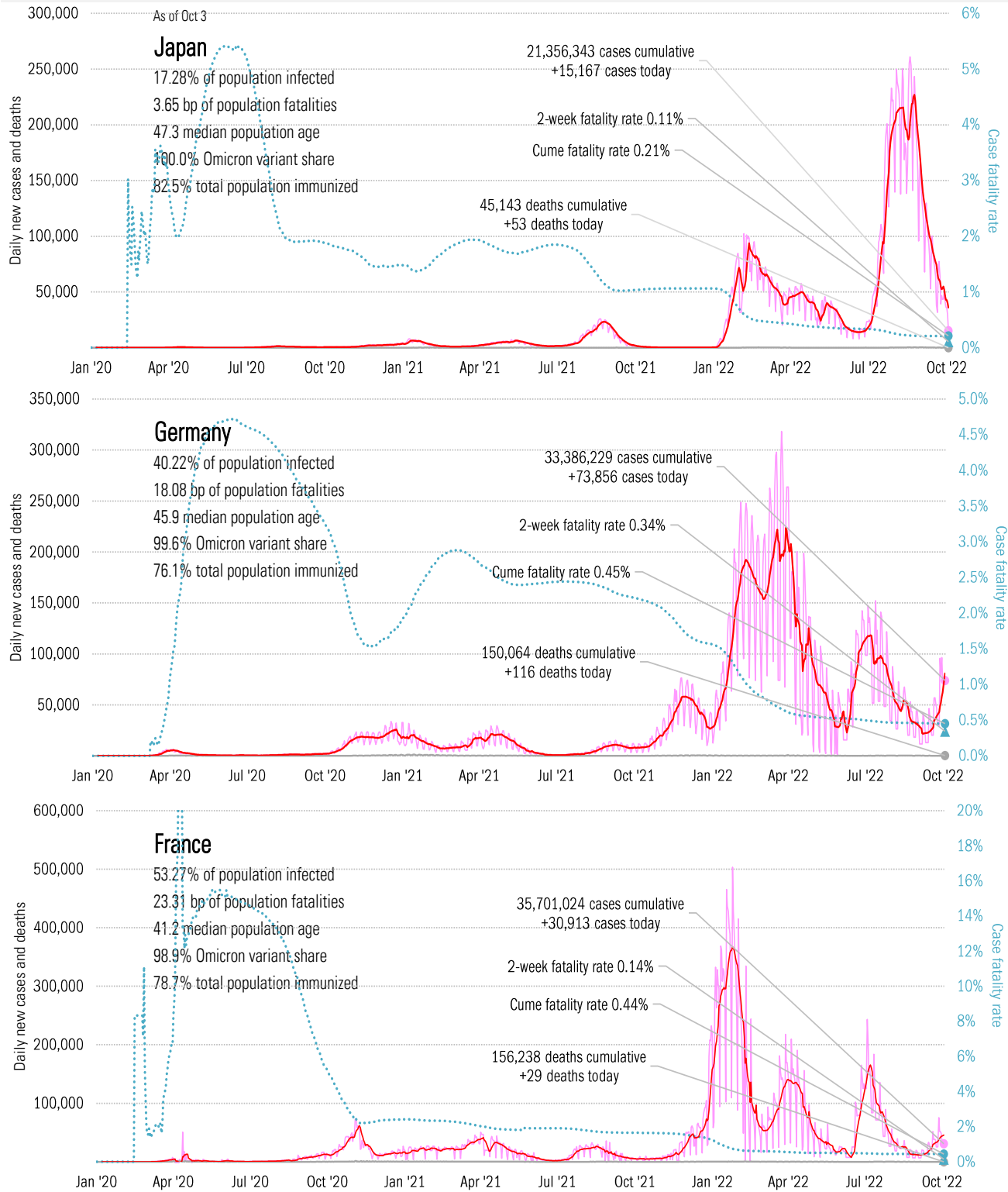
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

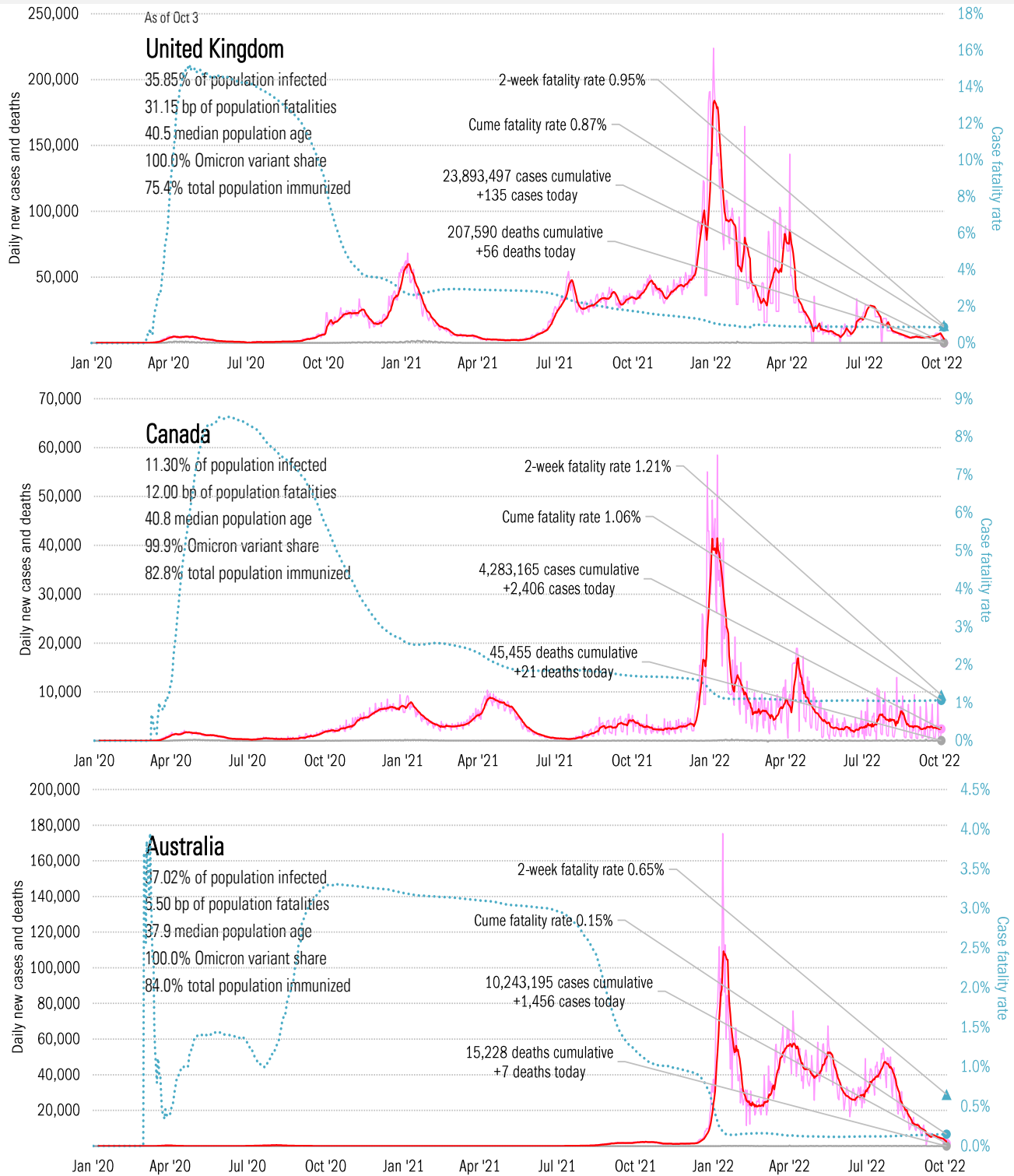
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

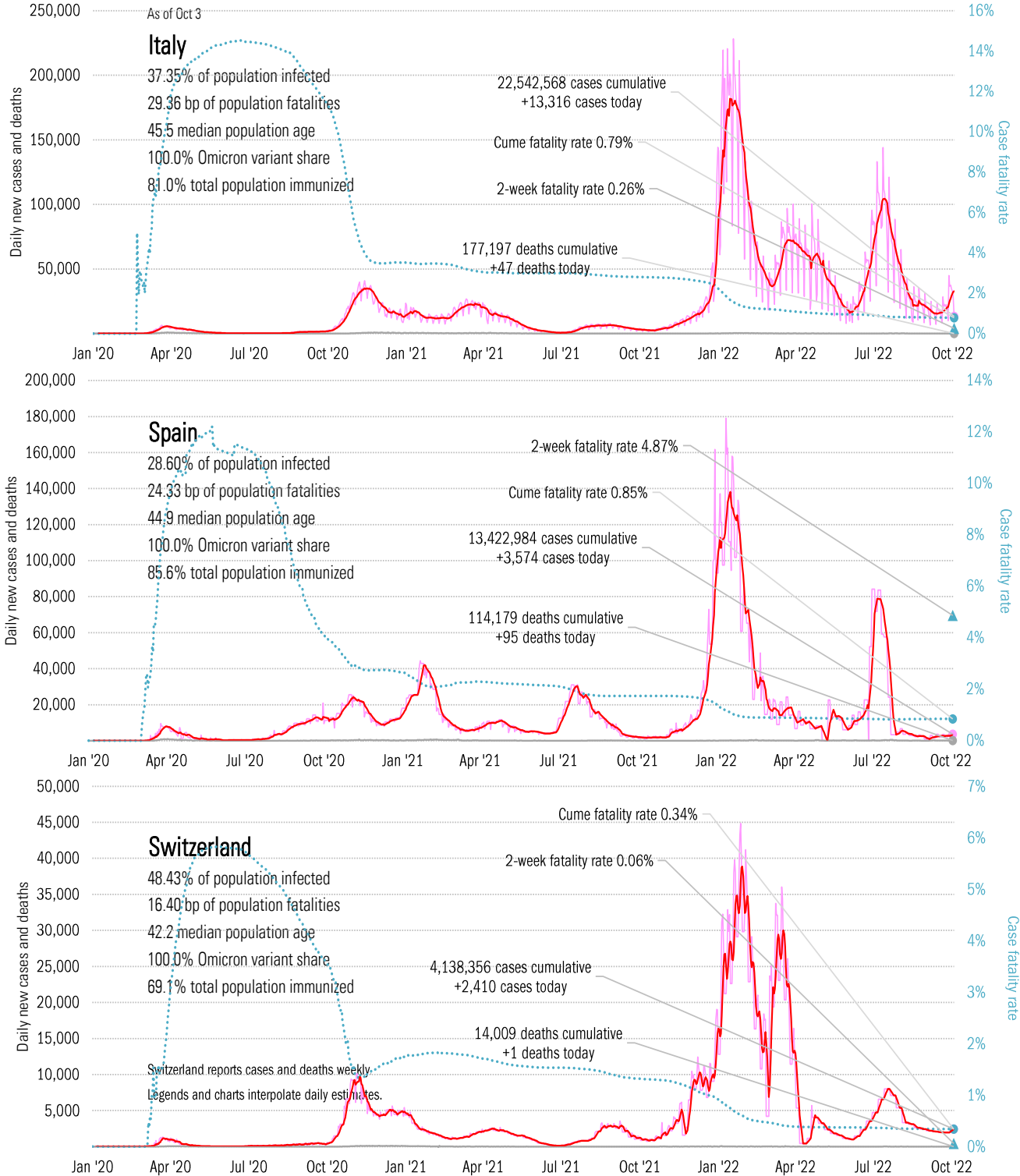
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

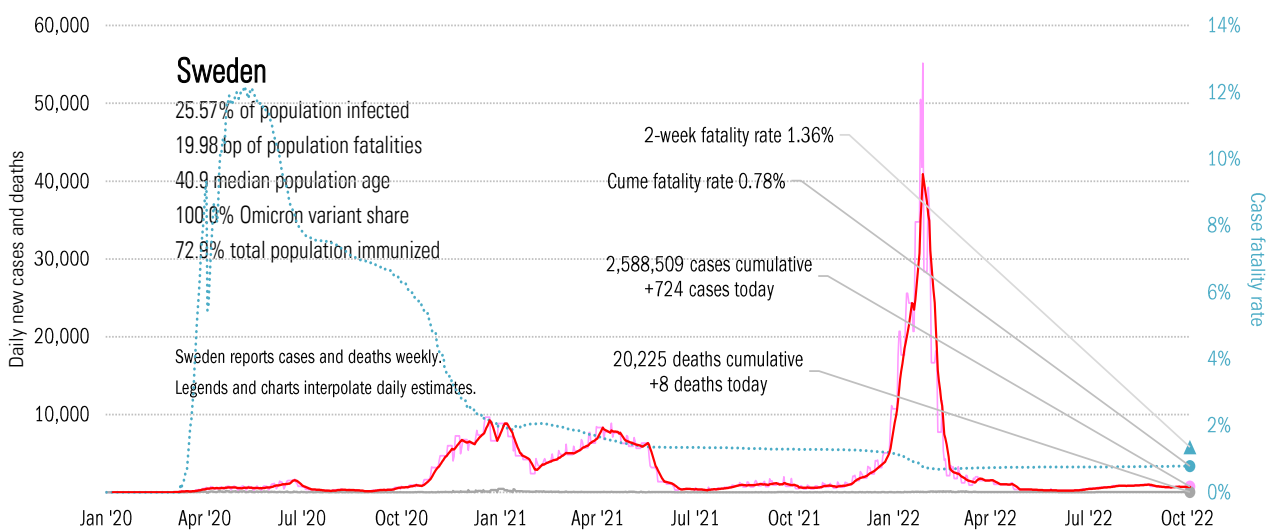
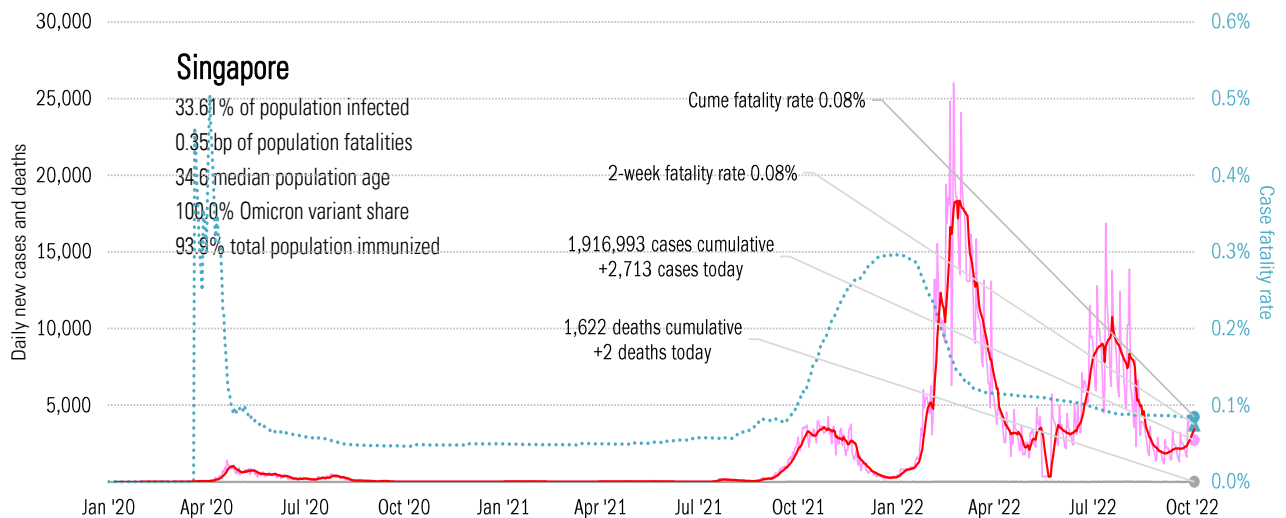
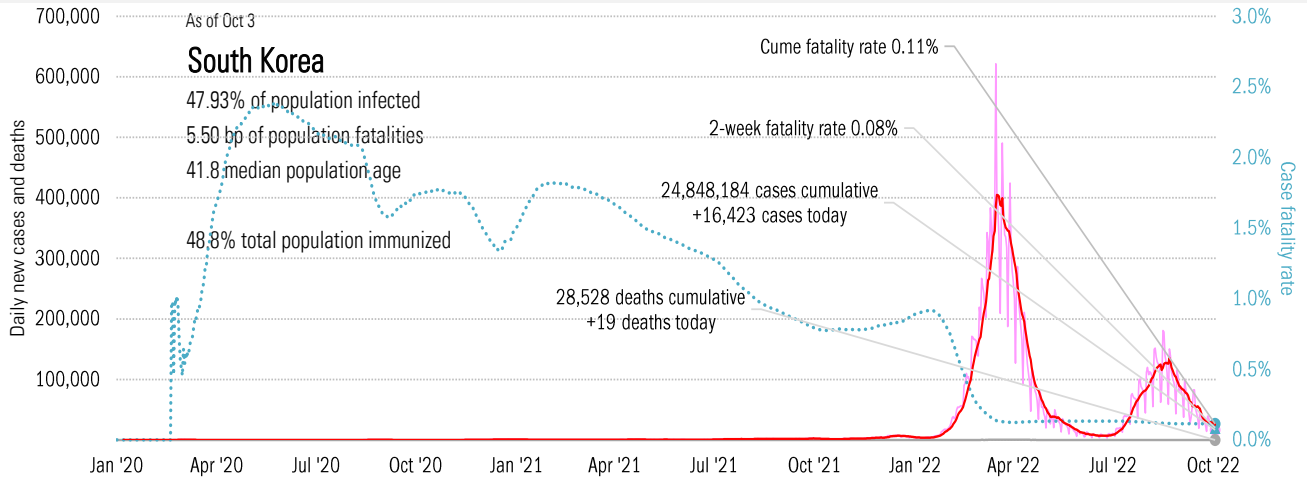
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

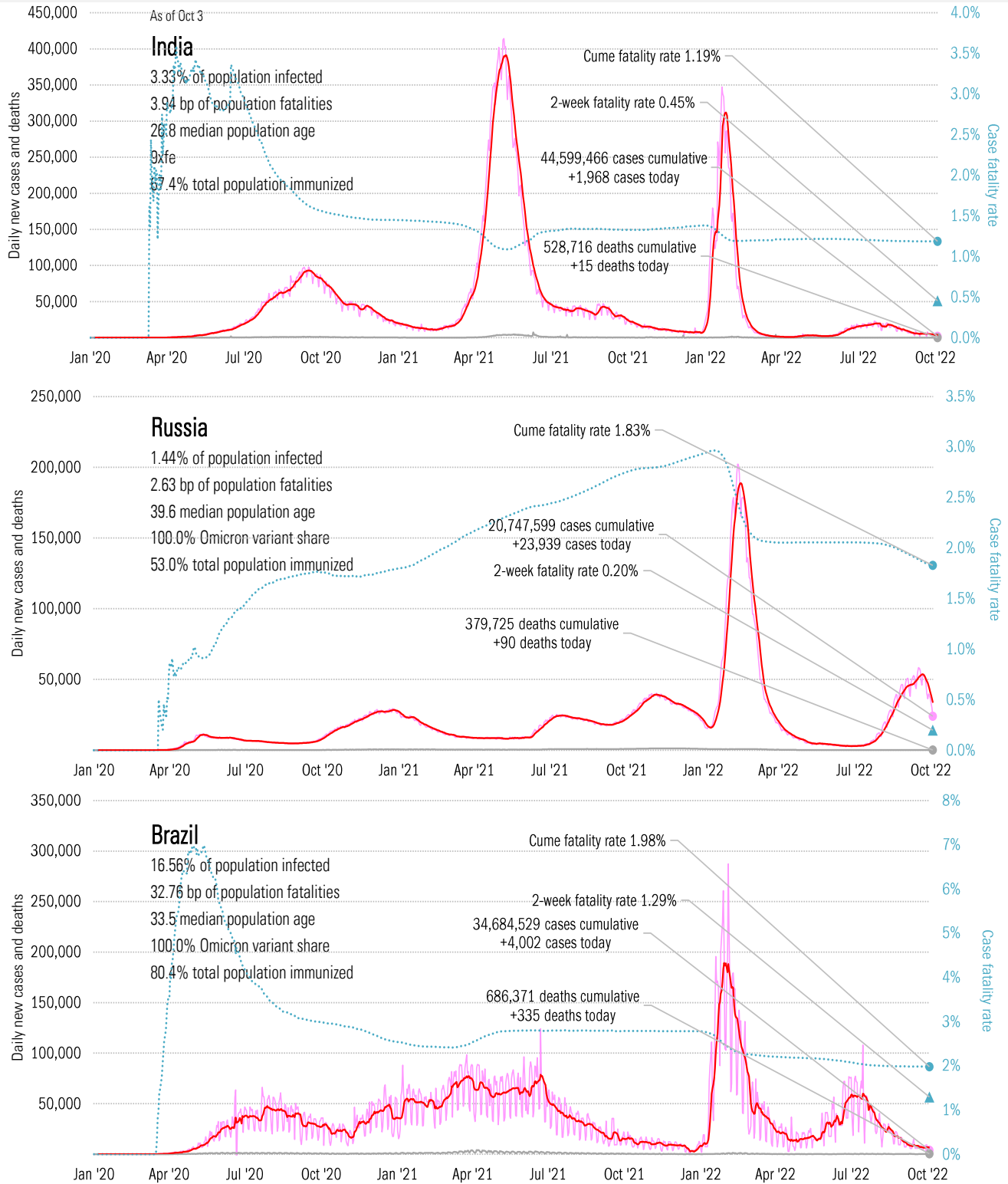
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

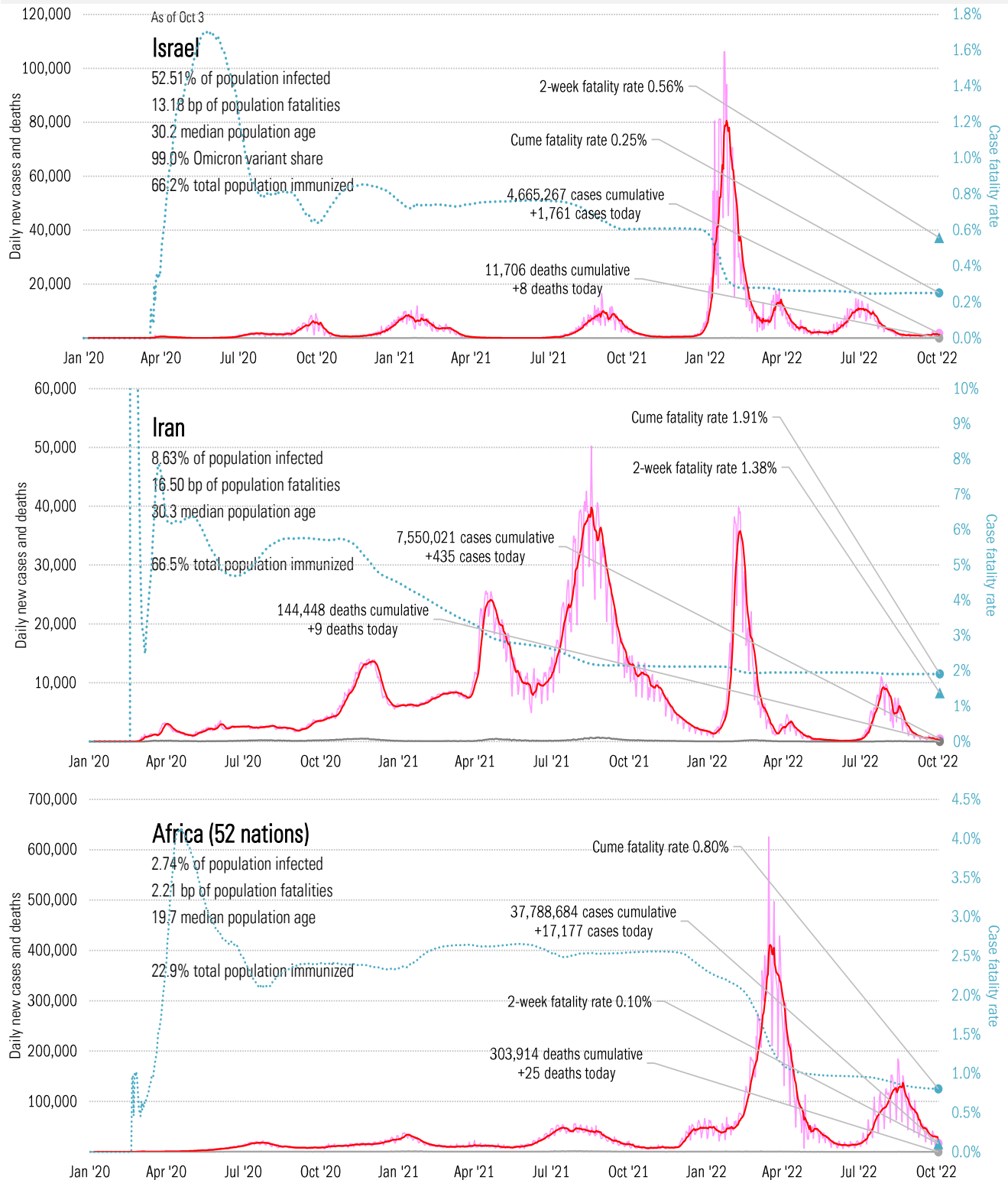
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

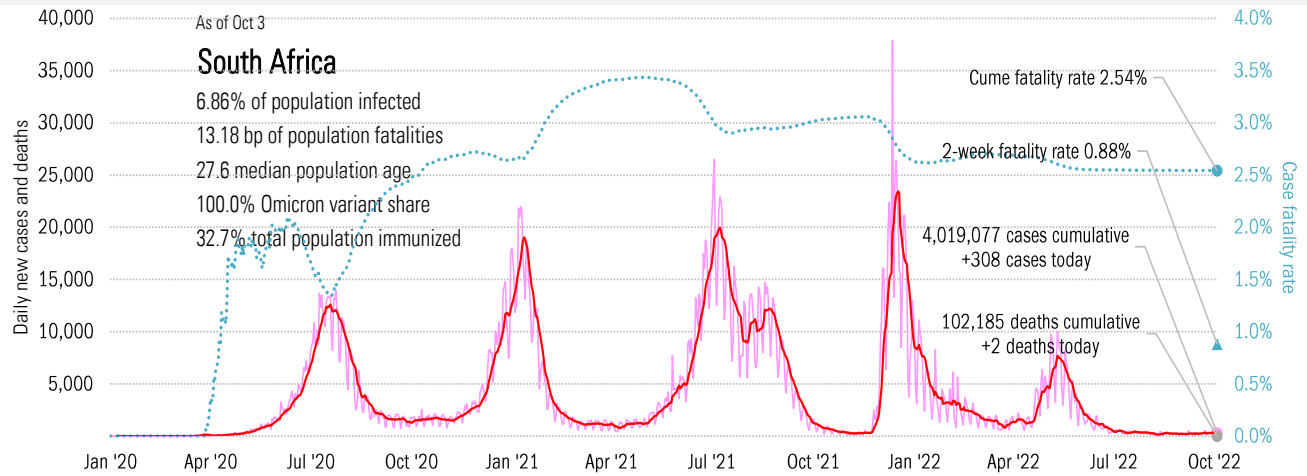
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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