

Data Insights: Covid-2019 Monitor

Saturday, November 5, 2022

The global scorecard

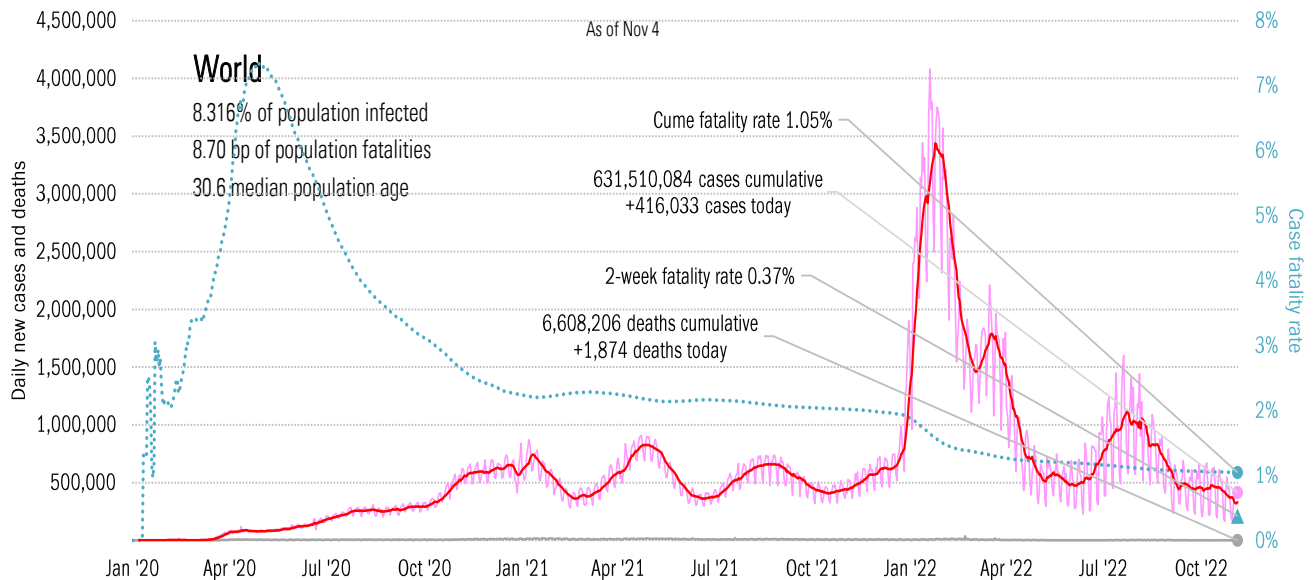
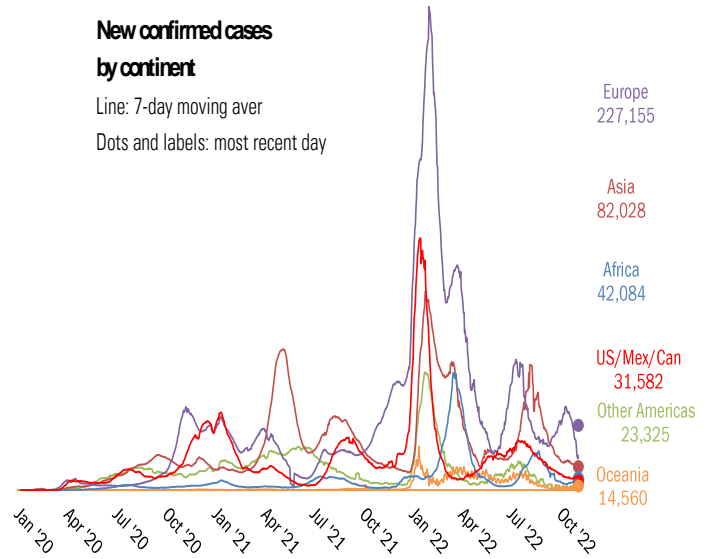
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Italy	110,988	Italy	335
United States	43,861	United States	314
Korea, South	40,863	Germany	207
Germany	38,859	Spain	161
Japan	34,064	France	78
France	29,438	Taiwan*	74
Taiwan*	27,581	Russia	68
Spain	17,875	Australia	65
Australia	14,560	Brazil	65
Chile	7,570	Japan	59
365,659		1,426	
World	416,033	World	1,874
Top ten	88%	Top ten	76%

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

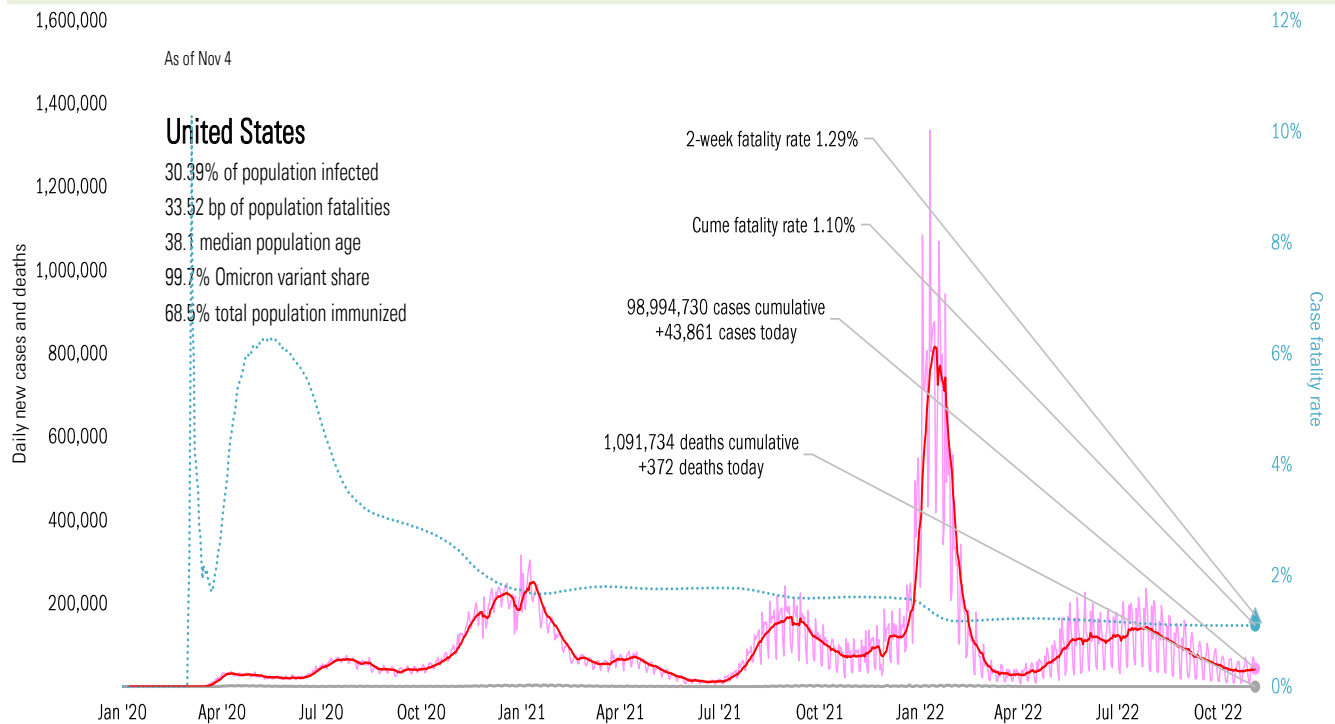
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
NY	5,193		NY	32		CA	326		CA	11,388,213		CA	97,005		TX	551,417		RI	92%	AK	88%
TX	3,818		MI	22		AZ	83		FL	8,480,301		TX	91,224		CA	509,019		MA	89%	AL	87%
FL	3,308		WA	20		GA	109		TX	8,047,691		FL	82,432		FL	499,622		MN	86%	MA	86%
CA	2,534		PA	19		KY	66		NY	6,270,024		NY	73,287		NY	311,952		GA	86%	NH	85%
IL	2,465		IL	18		PA	217		IL	3,823,905		PA	47,840		GA	228,323		WA	85%	RI	83%
NJ	1,973		TX	18		IN	83		PA	3,317,854		GA	40,696		CH	223,742		MO	85%	TX	83%
PA	1,781		CT	15		VA	91		NC	3,246,175		CH	40,249		PA	209,954		DE	84%	NC	82%
CH	1,752		AR	13		NV	39		CH	3,197,300		IL	40,058		IL	191,784		WV	84%	VT	82%
MI	1,664		CO	10		IA	39		GA	2,924,732		MI	39,406		MI	167,417		MD	83%	WA	81%
VA	1,294		GA	10		MI	170		MI	2,897,827		NJ	34,931		KY	146,721		NH	83%	MS	81%
25,782			178			1,223			53,594,022			587,128			3,039,951						
All states 43,861			314			3,669			All states 98,994,730			1,091,734			5,519,451			All states 70%		67%	
Top ten 59%			57%			33%			Top ten 54%			55%			55%			Median 78%		74%	

Some states not reporting

Five most improved US states

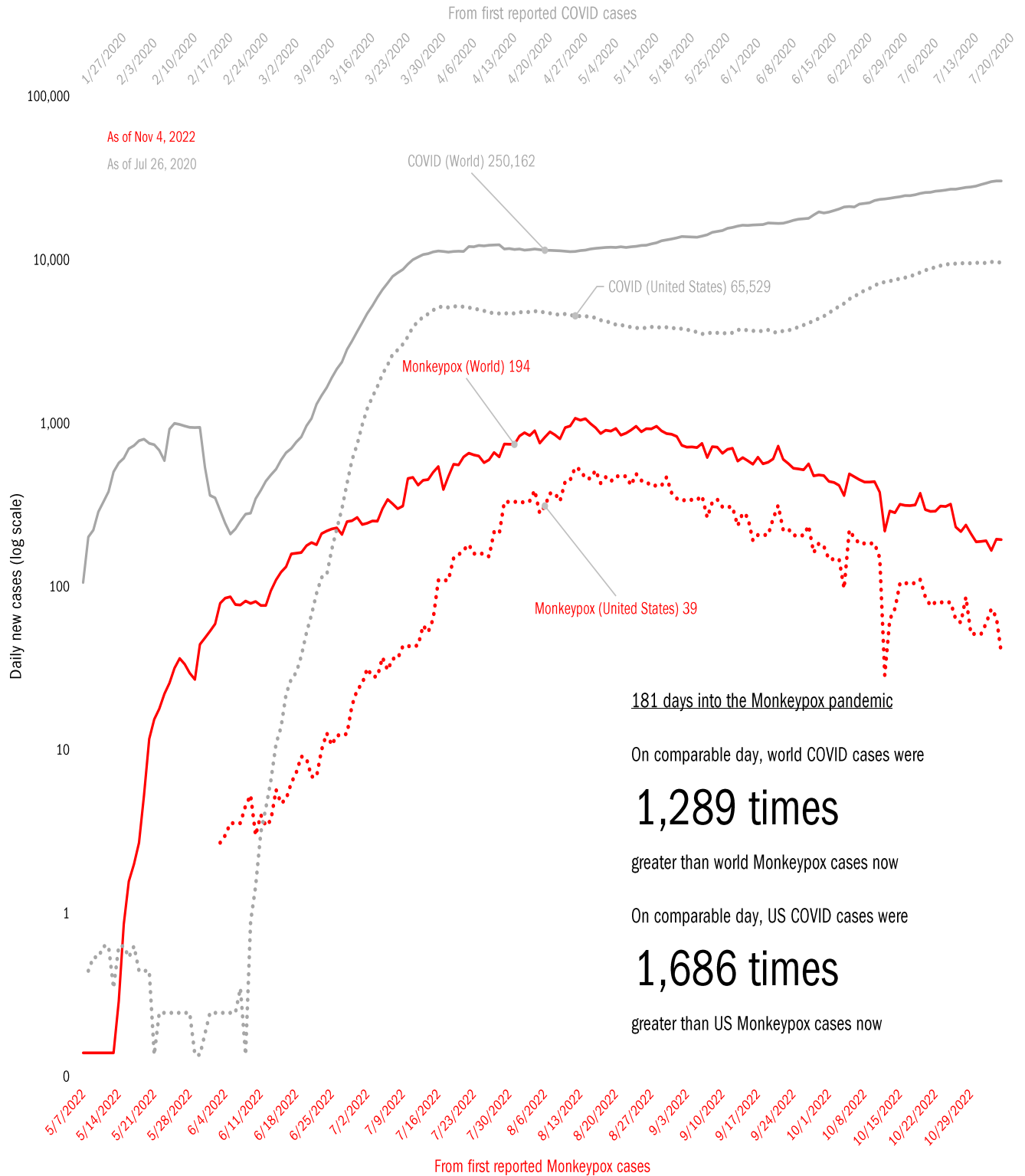
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CA	-2,542	CA	-86	FL	-65
IL	-645	MA	-12	NC	-25
NJ	-419	NY	-6	ID	-19
NY	-296	NM	-3	ND	-19
NM	-142	NV	-2	WA	-18



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

The Monkeypox contextualizer

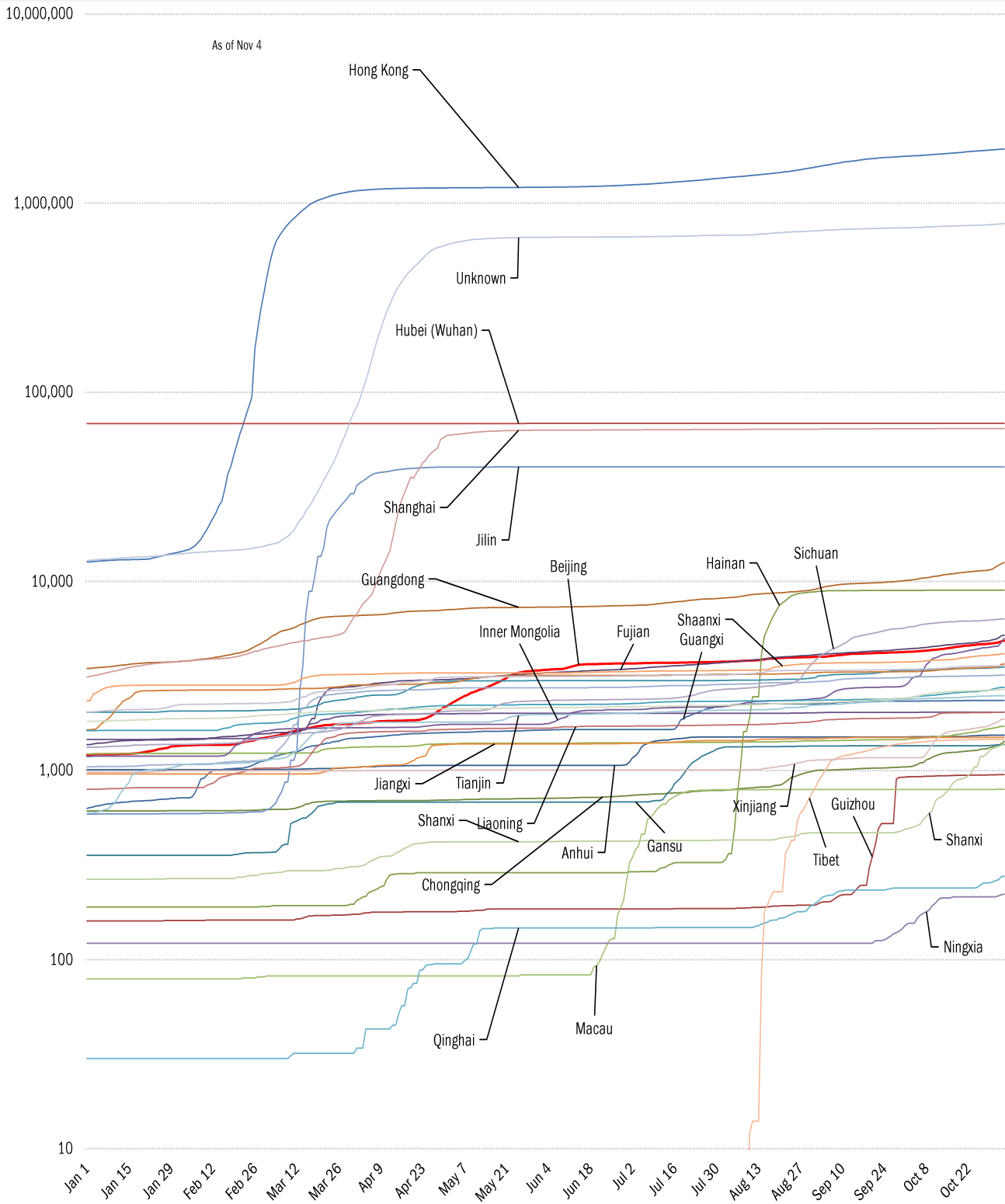
The course of case growth versus COVID



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"

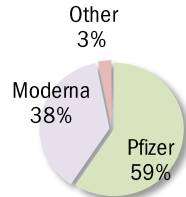


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered Doses	Cumulative	Today	Immunity	Full	Partial
	656,977,463	+0.593 million	US	68.5%	80.2%
		Of which boosters: +0.496 million	UK	75.2%	79.7%
			France	78.3%	80.5%
			Spain	85.5%	86.9%
			Germany	76.2%	77.7%
			Italy	81.3%	86.1%
			Australia	83.2%	85.7%
			Israel	65.2%	71.1%
			Canada	82.3%	88.2%
			Japan	83.0%	84.1%
			Africa	24.7%	30.7%
			India	67.1%	72.5%
			Brazil	80.0%	87.0%
			China	89.2%	91.4%



AK	72.2%
	64.6%

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

Best
Middle
Worst

"Immunity" = two doses

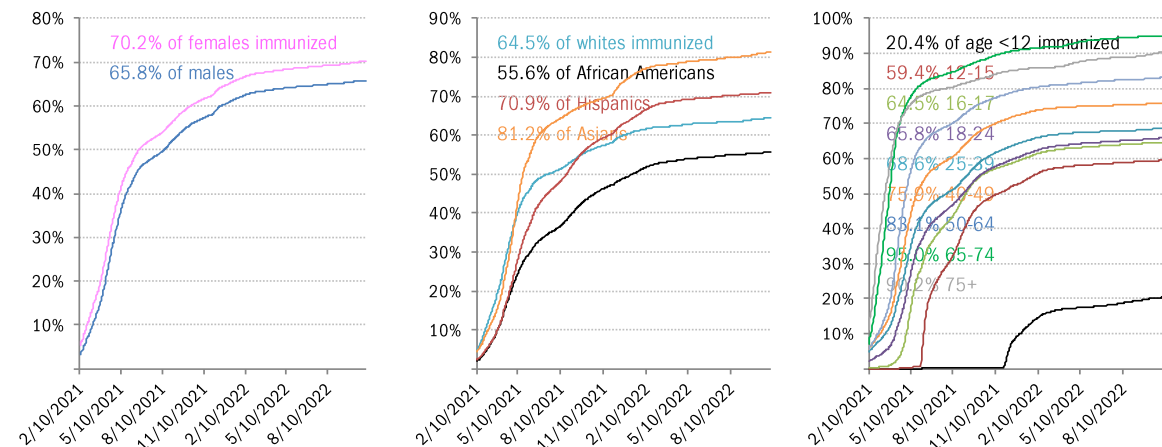
WI	74.2%
	67.5%

As of Nov 4

ME	95.0%
	82.3%

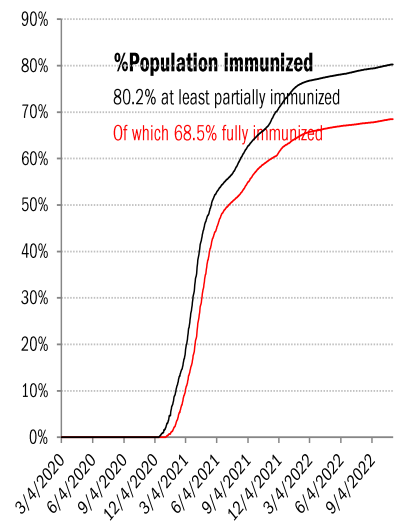
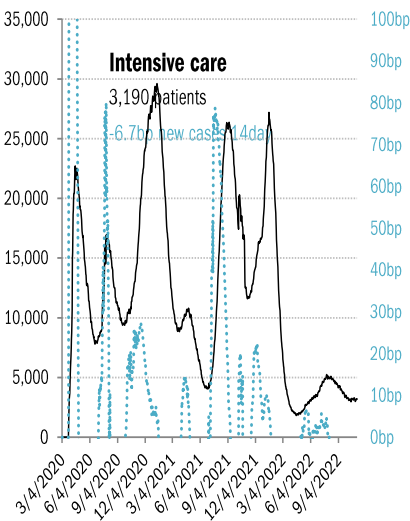
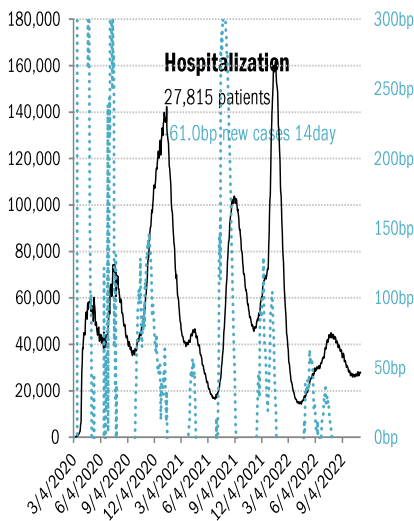
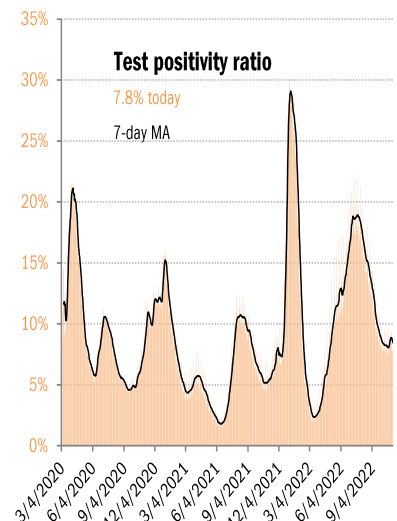
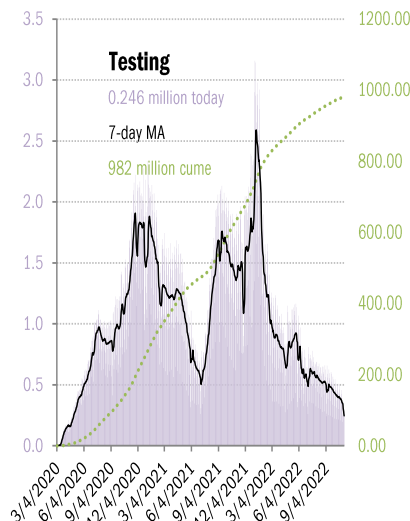
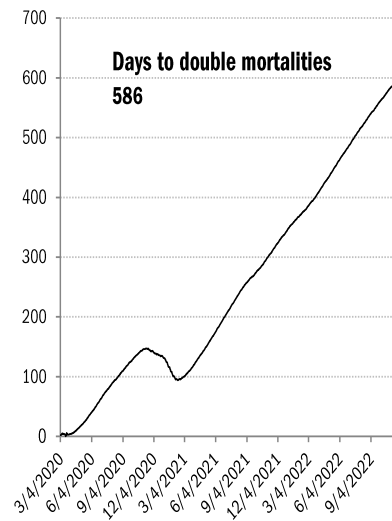
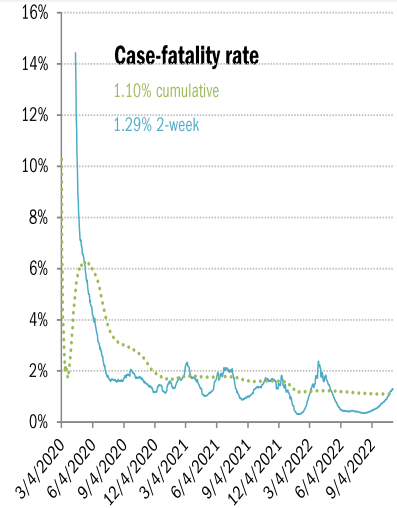
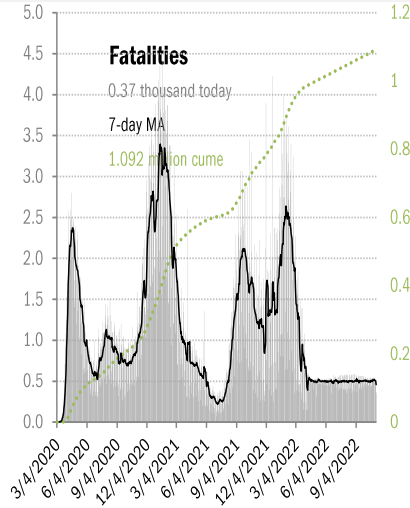
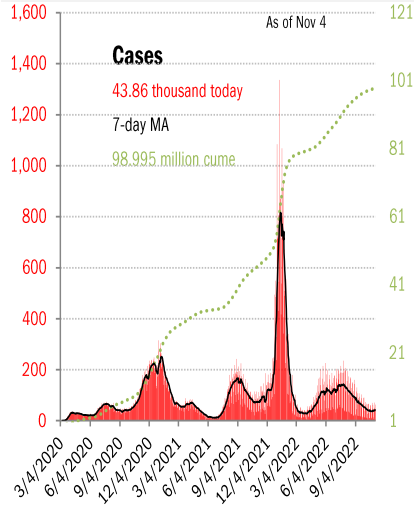
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
84.1%	63.2%	67.5%	68.4%	77.8%	78.4%	68.8%	93.2%	95.0%	86.2%	
75.1%	55.9%	58.6%	57.8%	71.3%	70.6%	61.8%	79.7%	84.3%	70.4%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
80.4%	77.9%	60.1%	82.0%	69.9%	63.7%	65.1%	88.8%	93.5%	95.0%	
71.5%	62.8%	52.6%	65.1%	63.7%	57.2%	59.9%	71.9%	78.2%	82.7%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
85.2%	74.5%	82.6%	72.5%	68.5%	68.2%	66.9%	89.2%	90.3%	95.0%	95.0%
74.3%	66.1%	72.7%	65.4%	58.2%	59.1%	59.2%	75.7%	78.6%	82.1%	86.5%
AZ	NM	KS	AR	TN	NC	SC	DC	DE		
76.1%	92.4%	75.2%	69.0%	63.9%	90.0%	70.2%	95.0%	86.5%		
65.3%	74.1%	64.4%	56.2%	55.9%	65.6%	59.2%	83.2%	71.9%		
OK	LA	MS	AL	GA						
73.7%	62.4%	61.2%	64.4%	67.5%						
59.7%	54.7%	53.3%	52.6%	56.6%						
TX	FL	PR								
75.1%	81.6%	95.0%								
62.5%	68.8%	86.3%								

The demographics of US vaccination

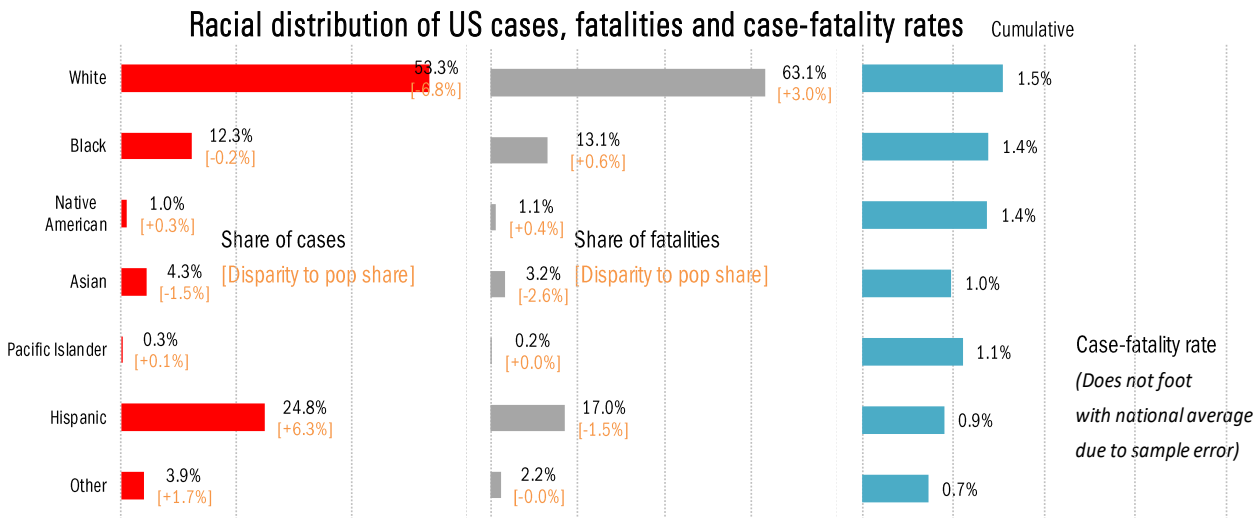
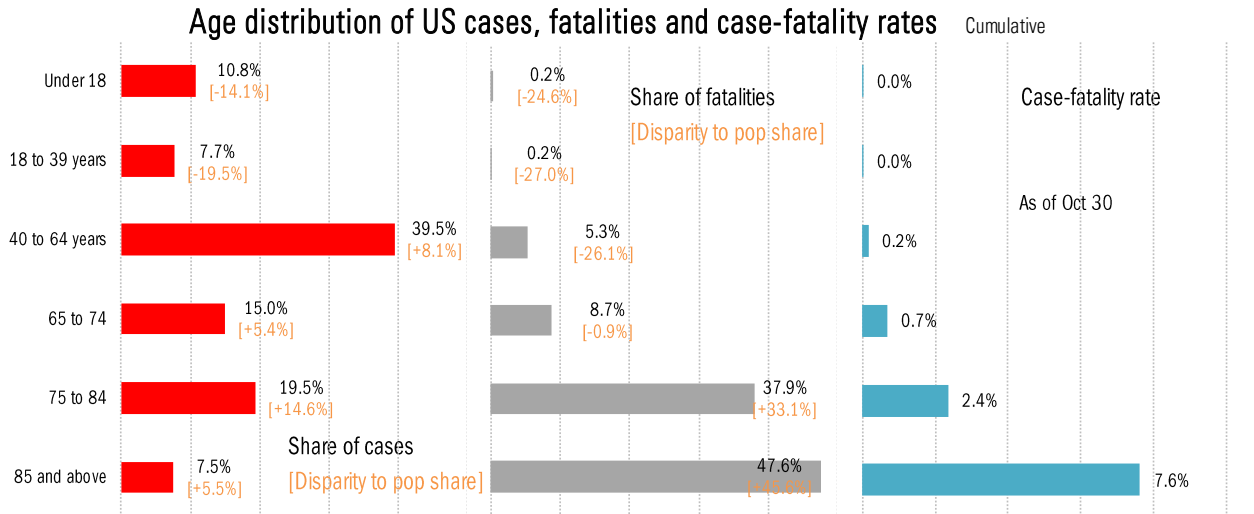


Source: CDC, CDC, Our World in Data, TrendMacro calculations

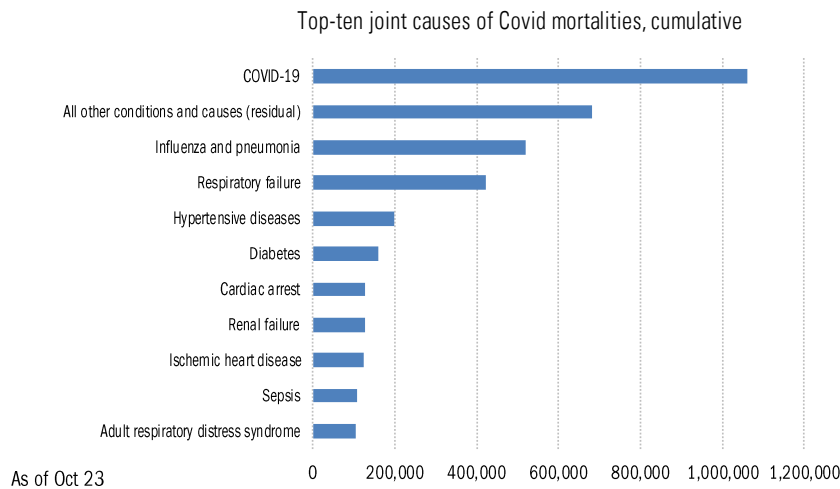
US deep-dive



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

[Pandemic Amnesty is Pandemic Amnesia](#)

Gummi Bear
Gummi Bear Deep Dives and Articles
November 1, 2022

[With whom does Emily Oster want an amnesty? Moms, so they will return to the democratic fold](#)

Emily Burns
Relamination
October 31, 2022

[Doctors sue California for COVID 'misinformation' law that enforces amorphous 'consensus'](#)

Greg Piper
Just the News
November 4, 2022

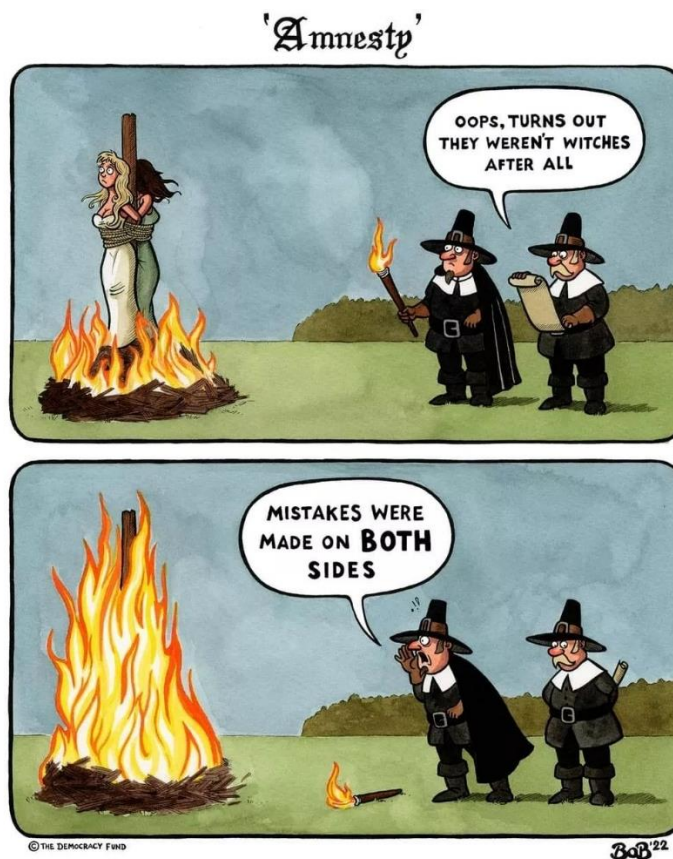
[What We Knew In the Early Days](#)

Brownstone Institute
November 4, 2022

[Hershey Sees Recovery in Gum Sales as Consumers Ditch Face Masks](#)

Rafael Mendes
Bloomberg
November 4, 2022

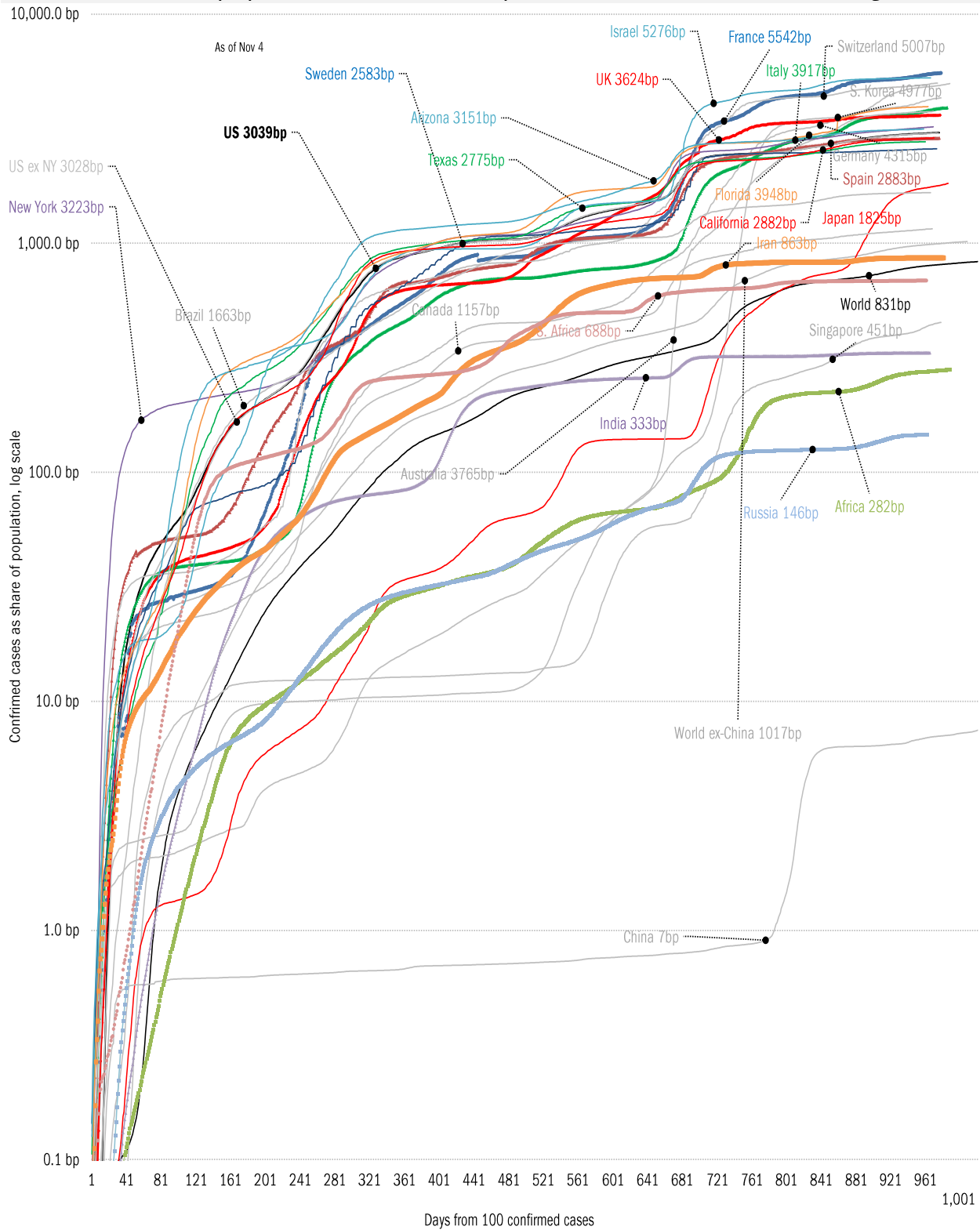
Meme of the day



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

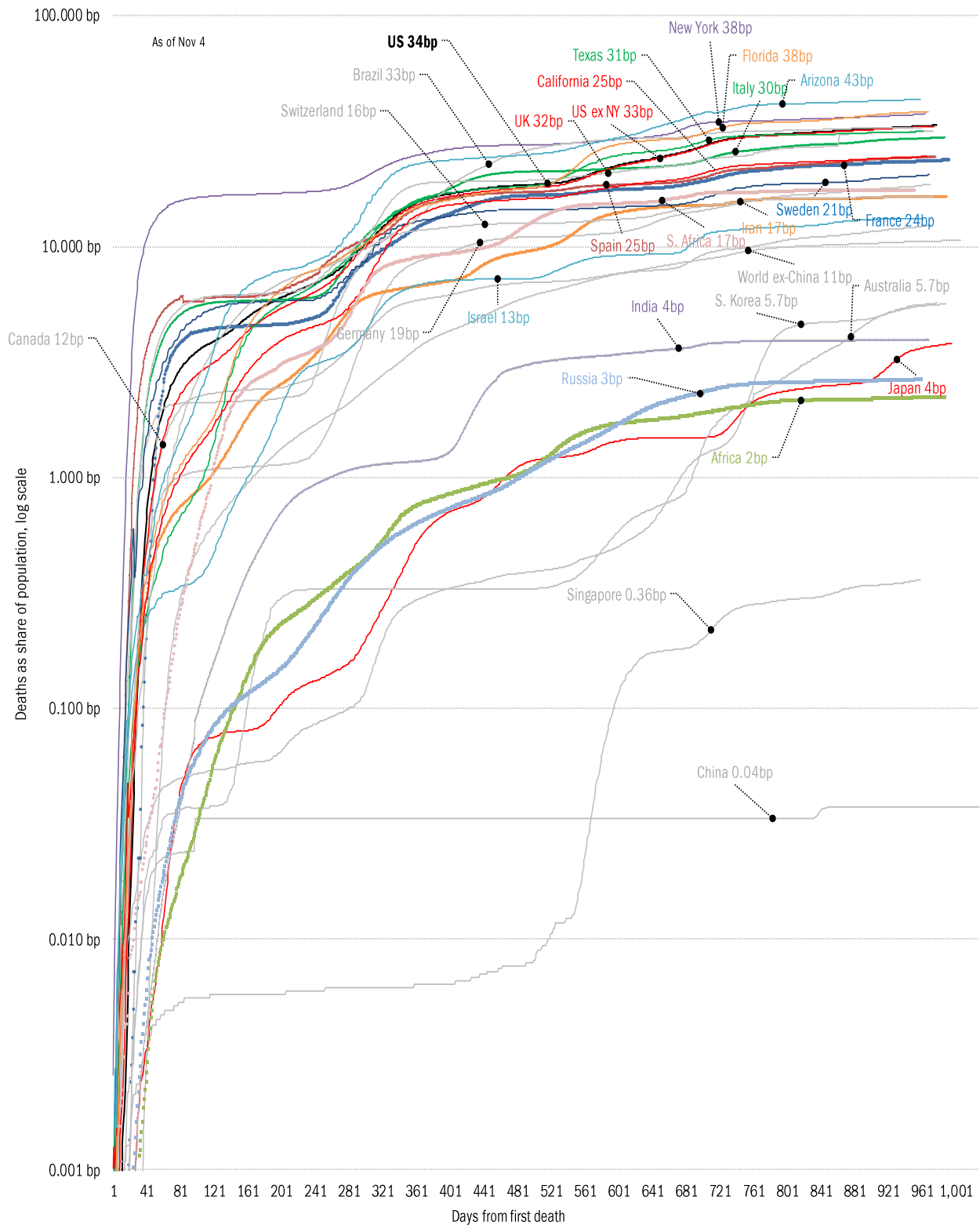
The global coronavirus case accelerometer... tracking the world's infection curves

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

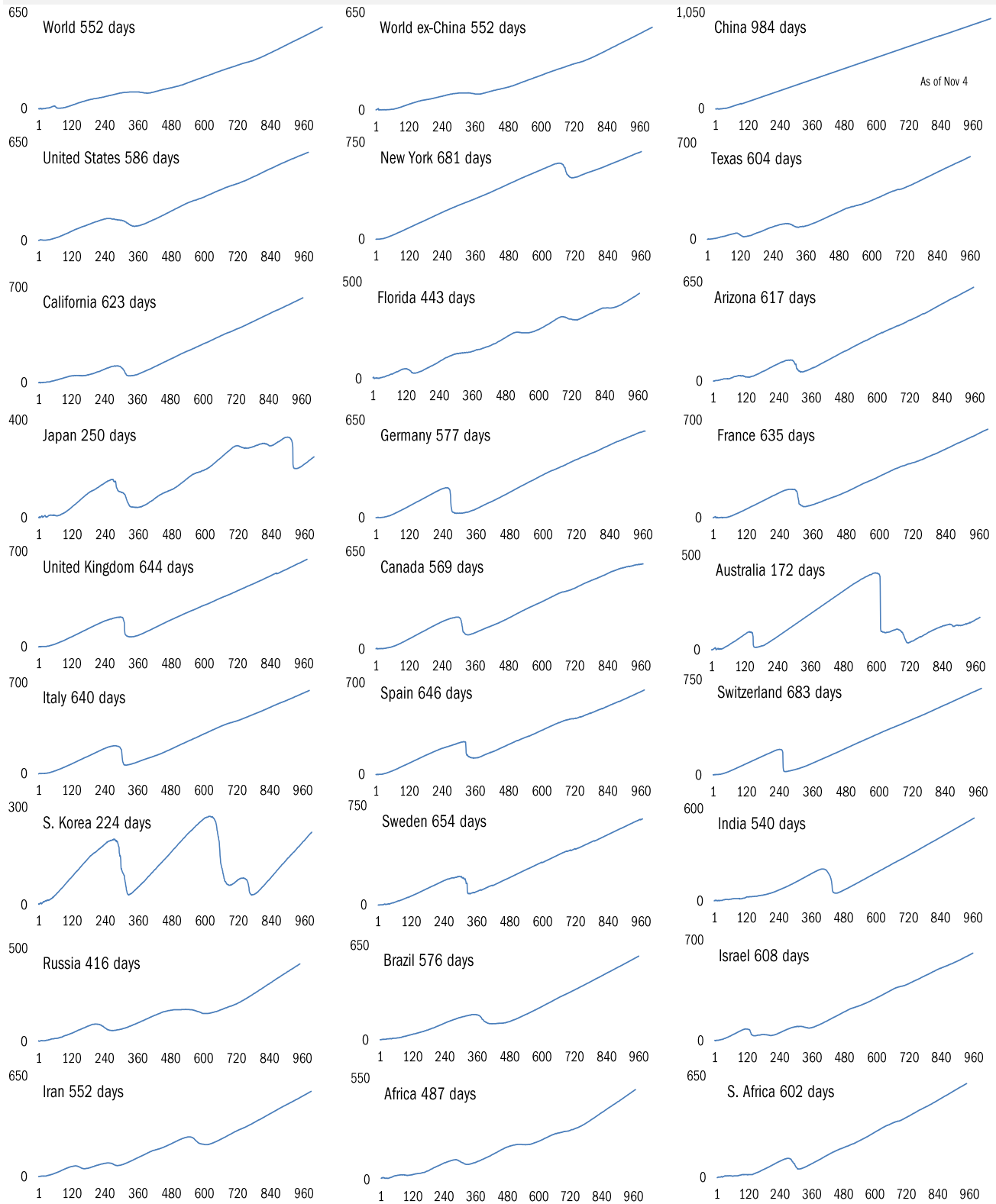


Source: [Johns Hopkins](#), TrendMacro calculations

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

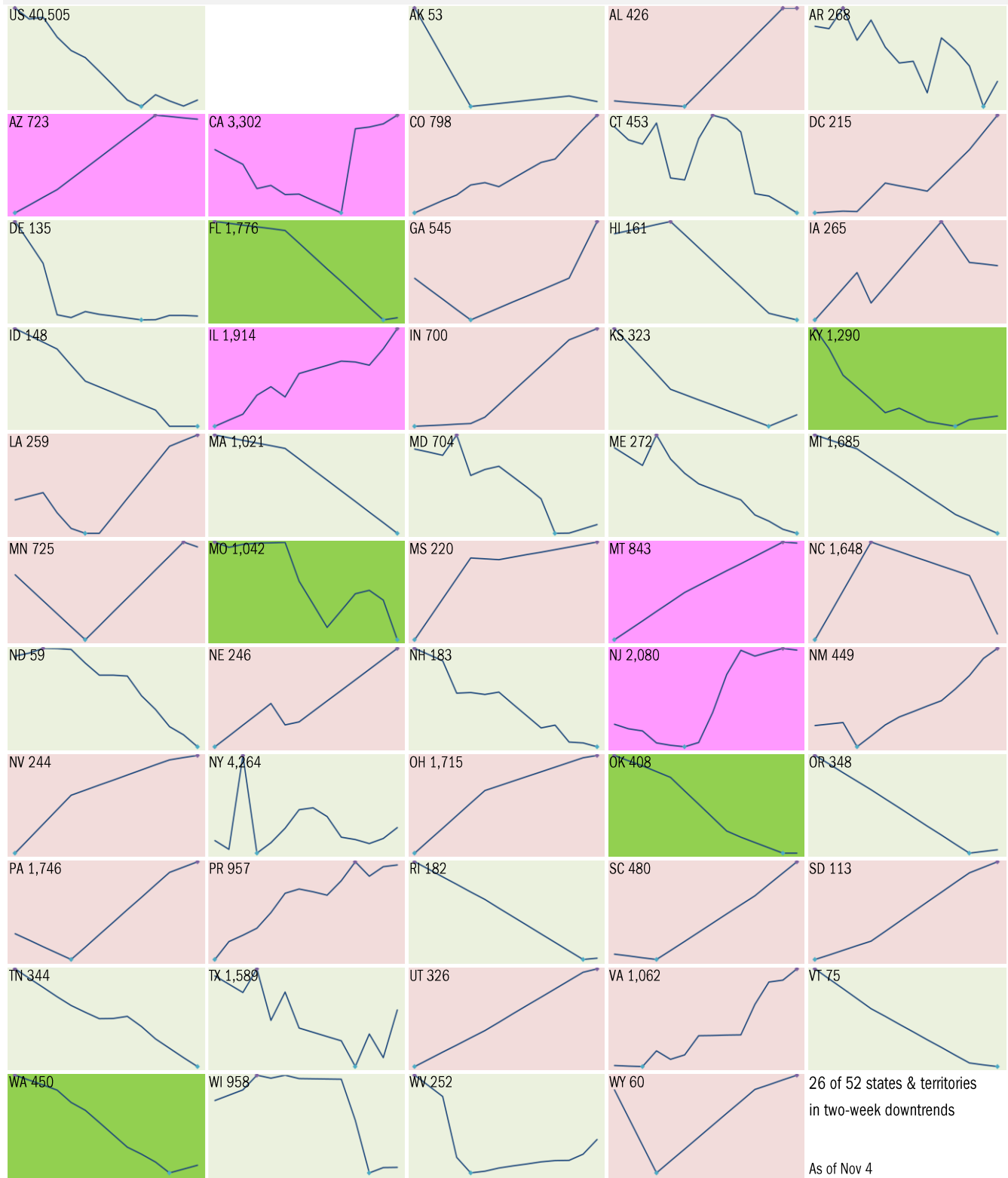


Source: [Johns Hopkins](#), TrendMacro calculations

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

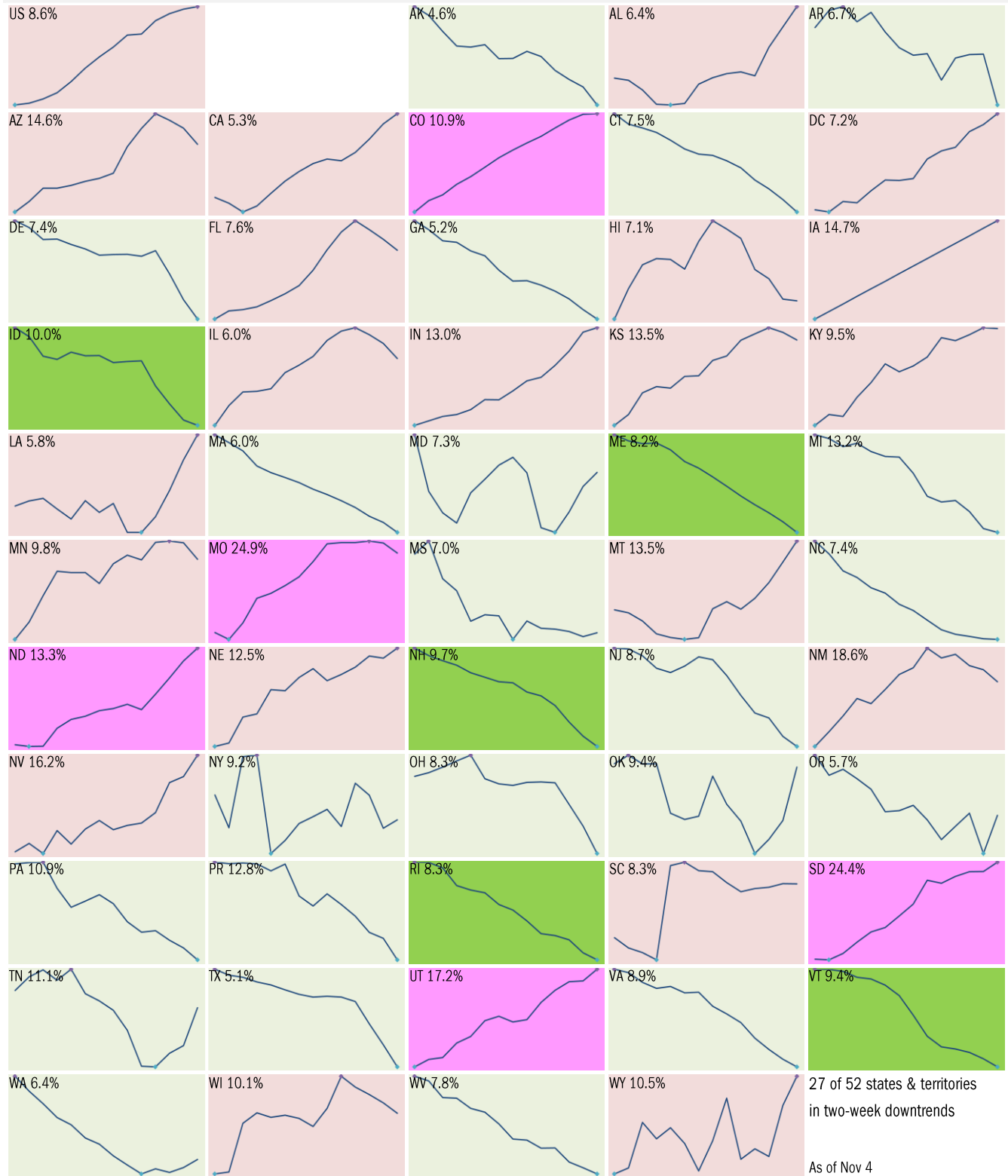


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

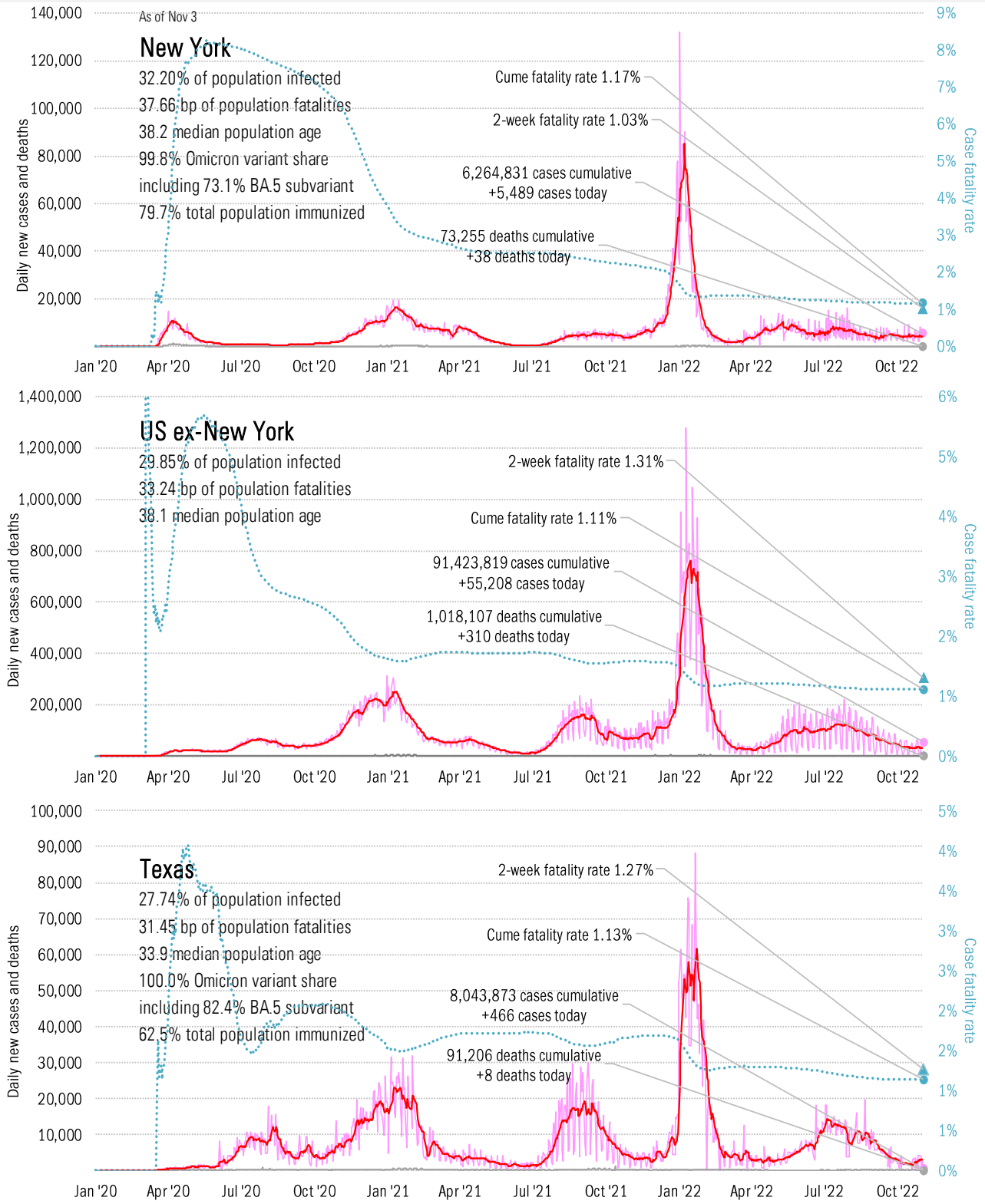
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

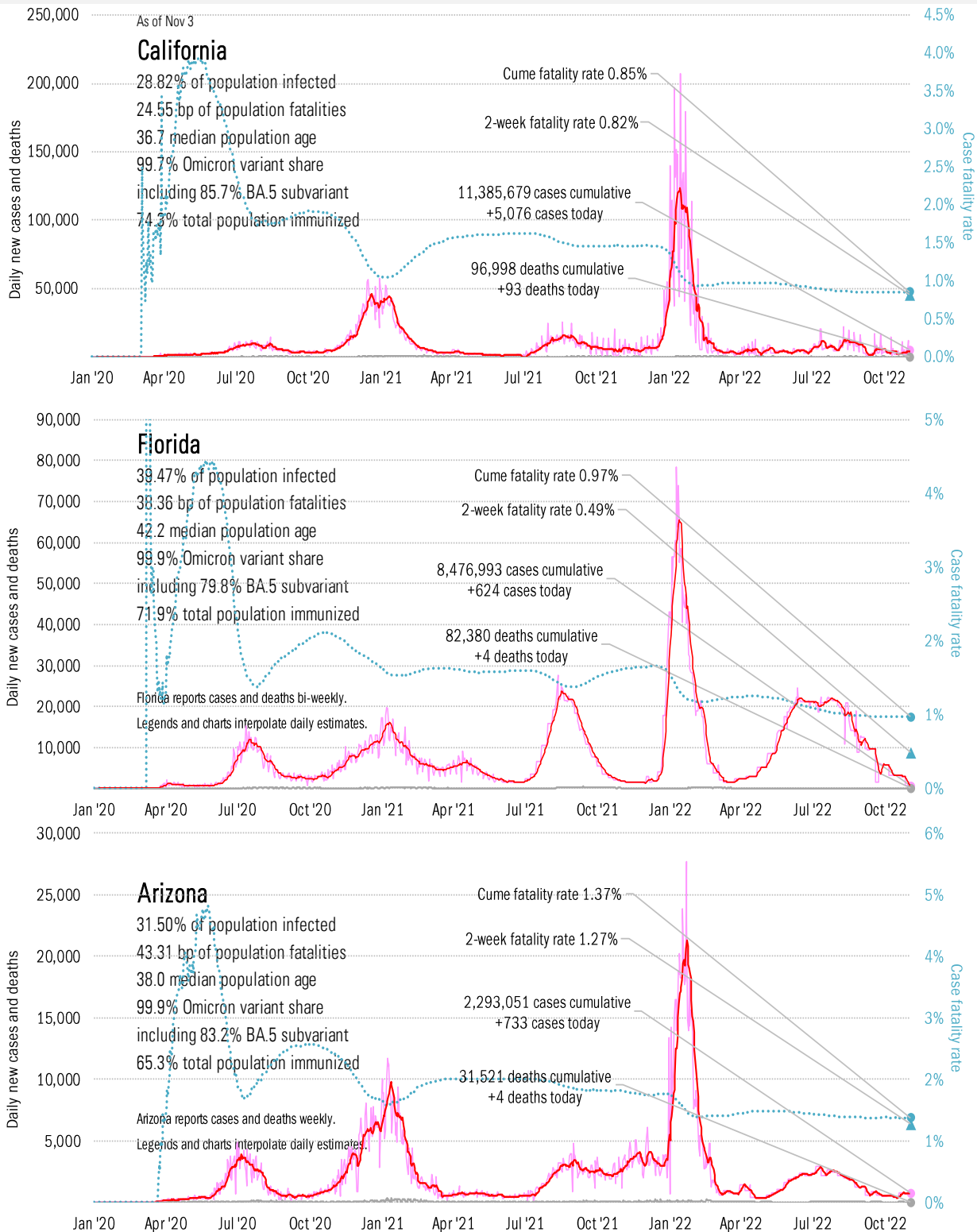
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

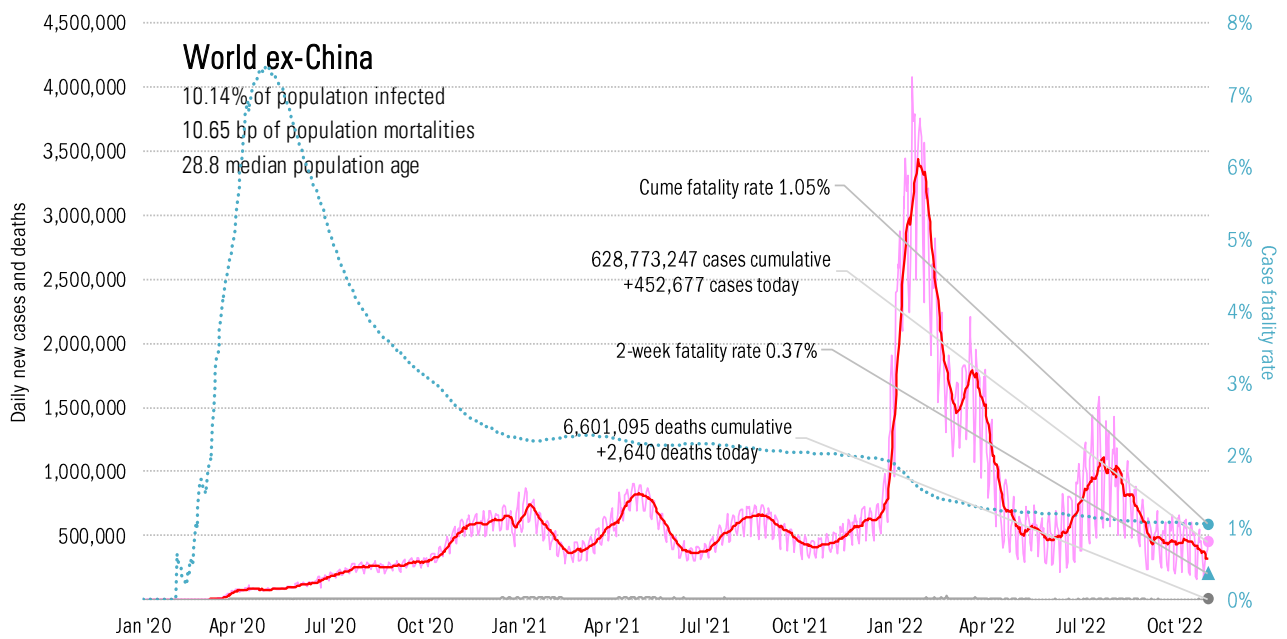
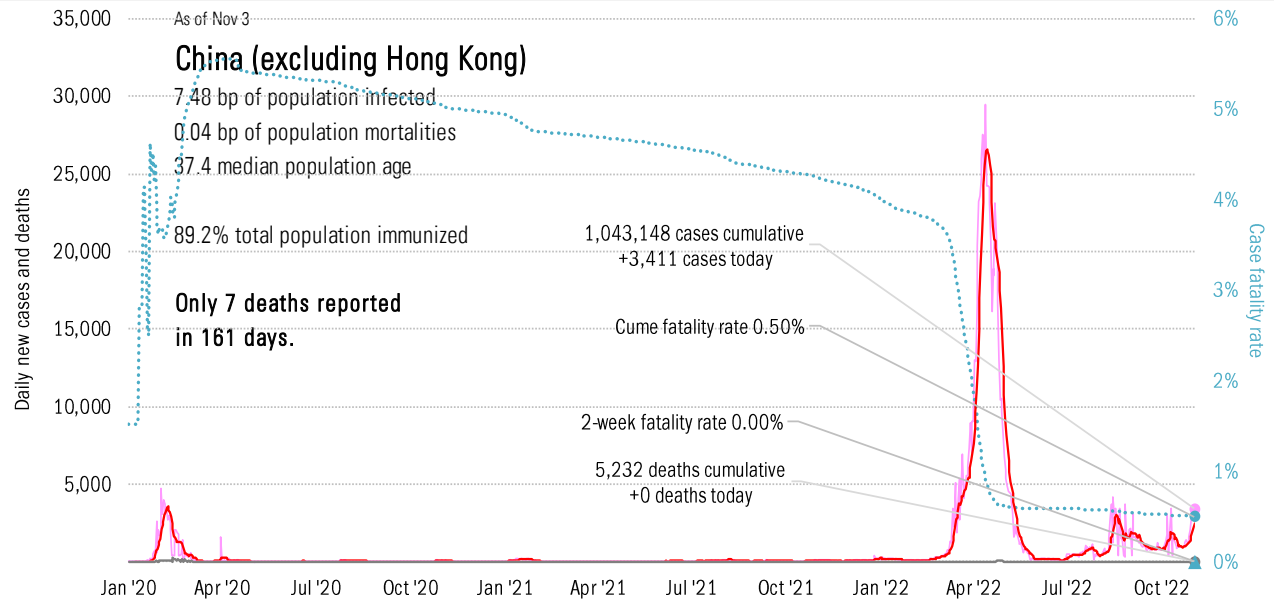
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

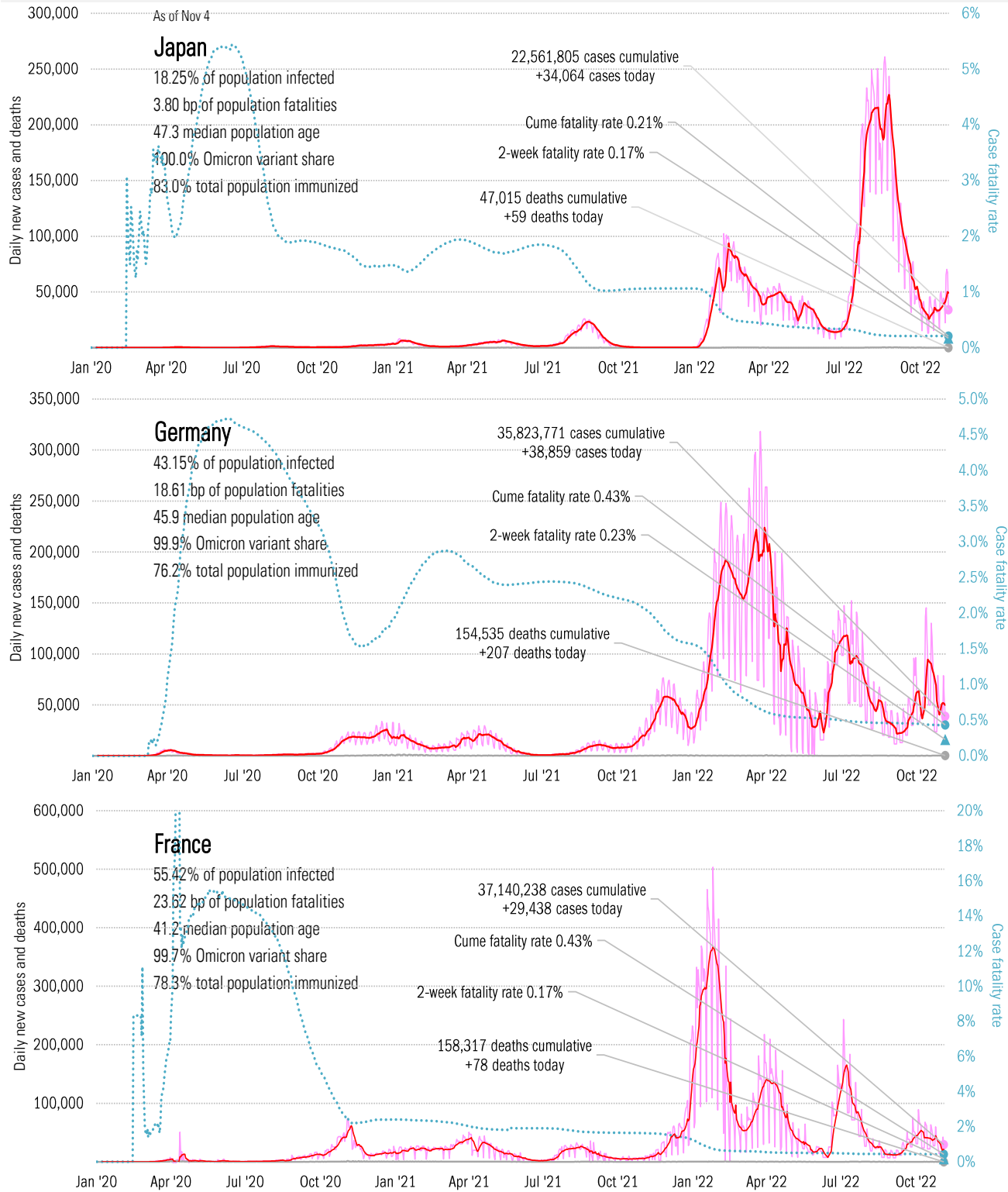
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

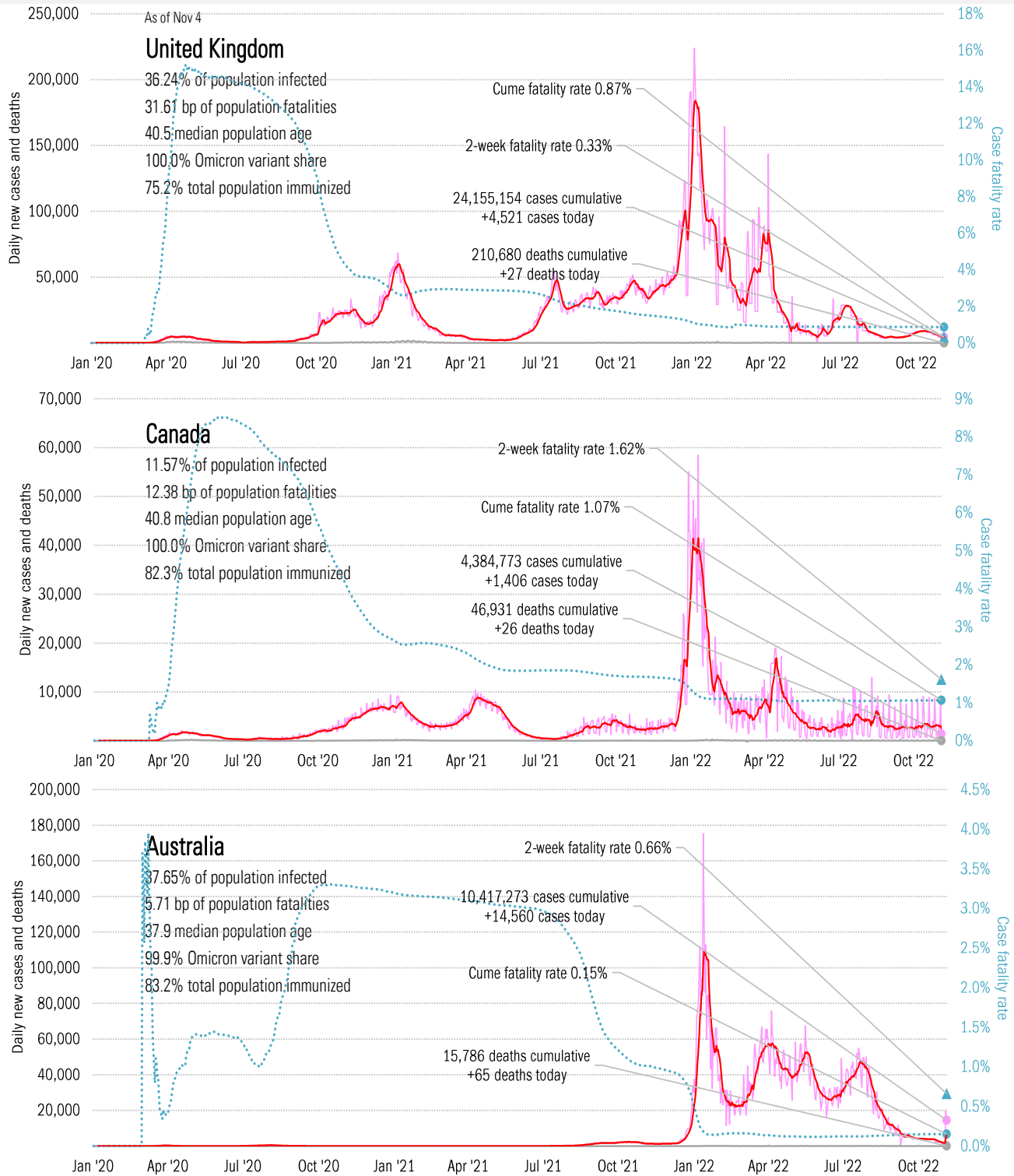
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

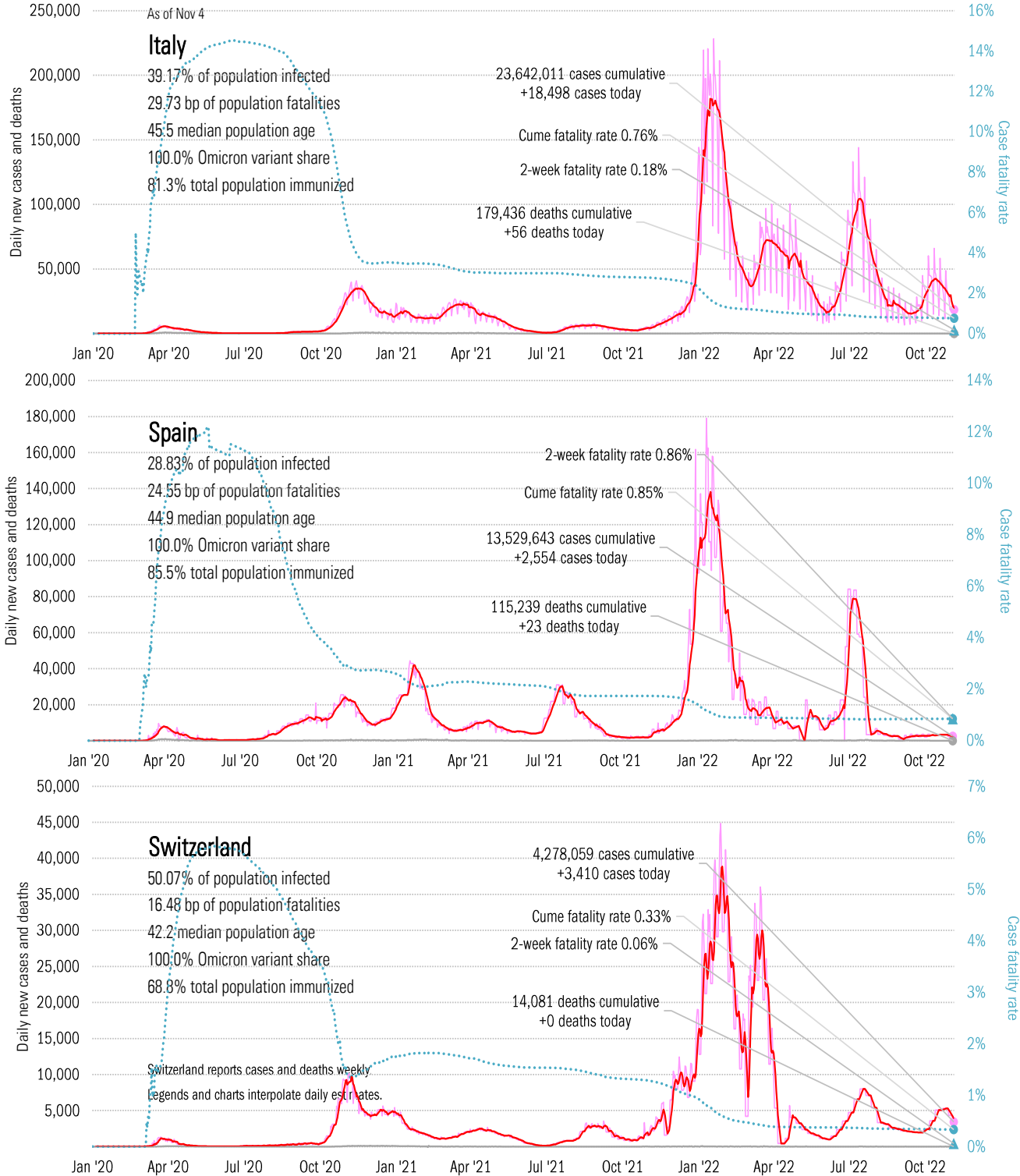
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

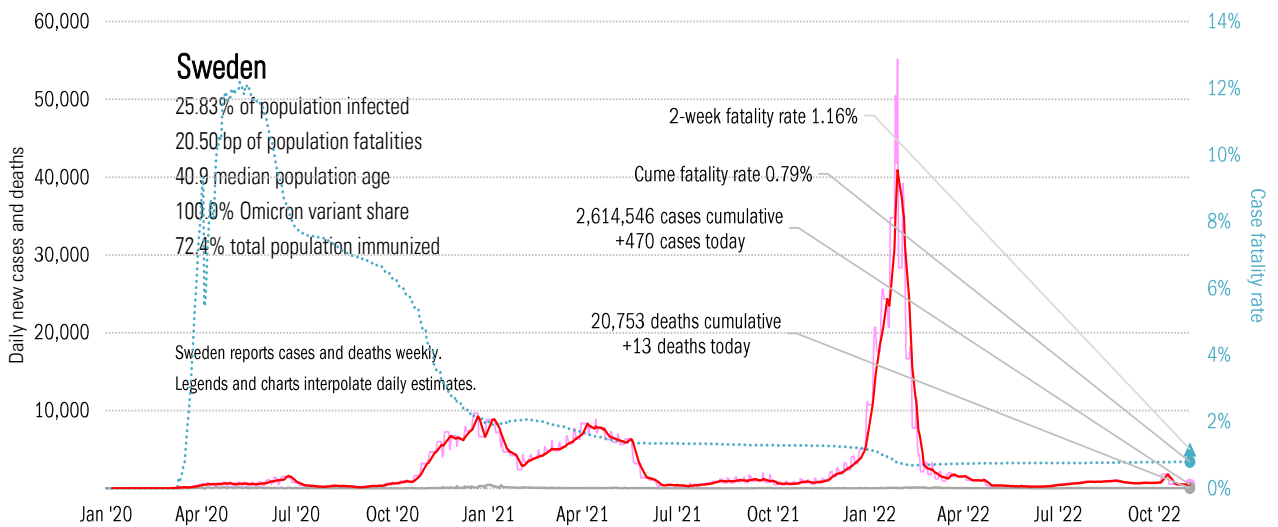
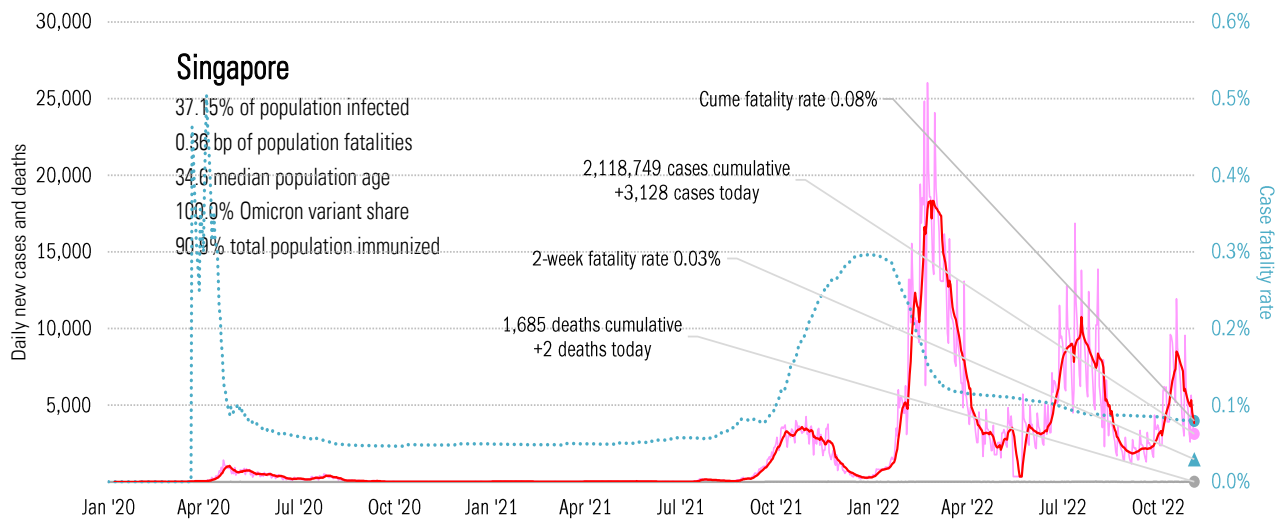
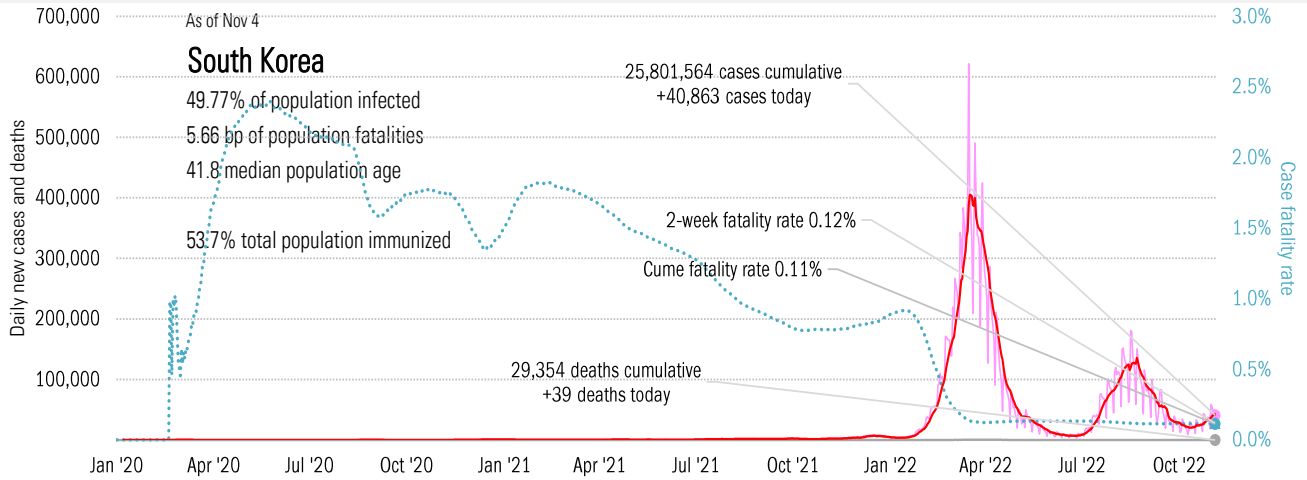
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

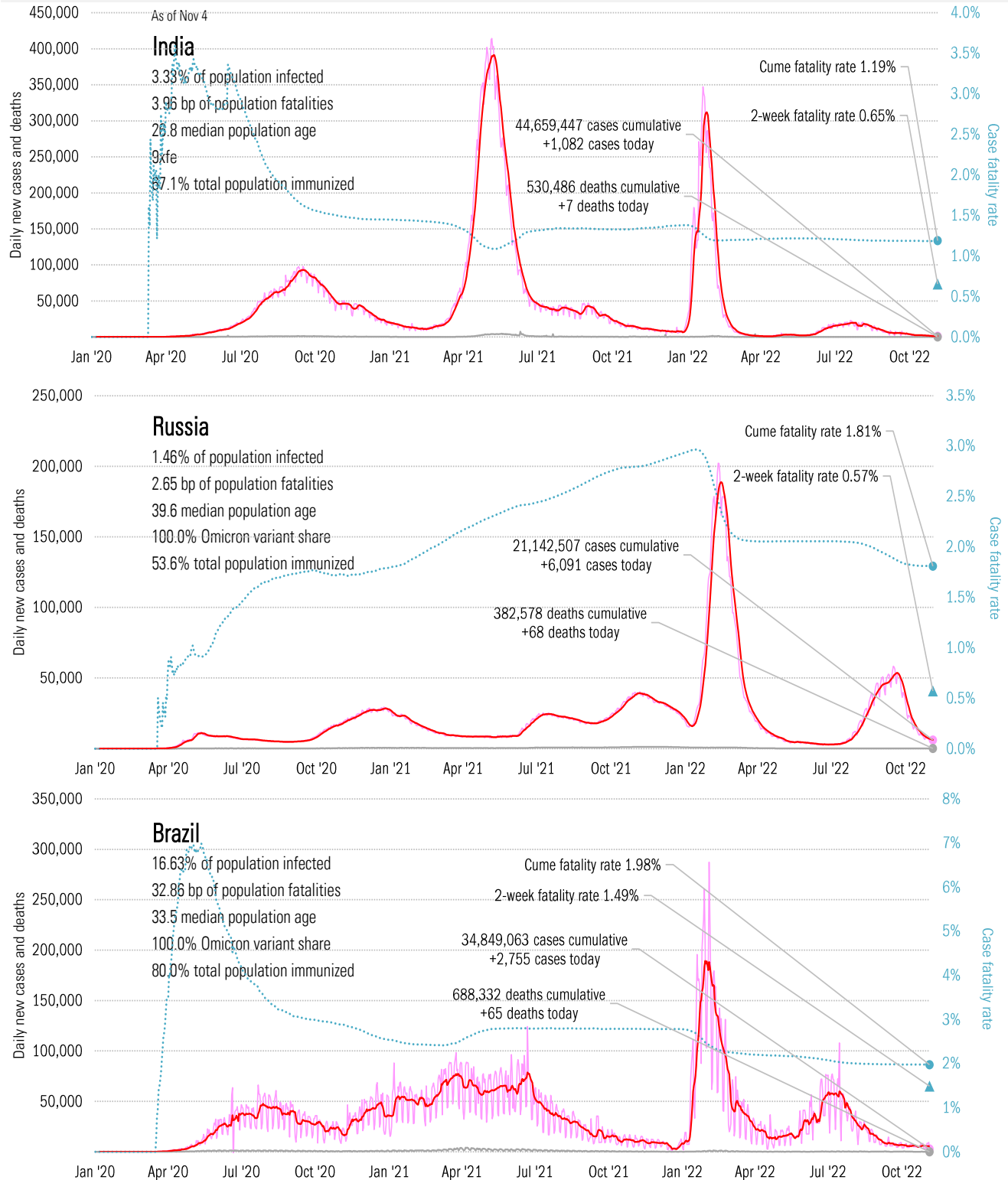
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

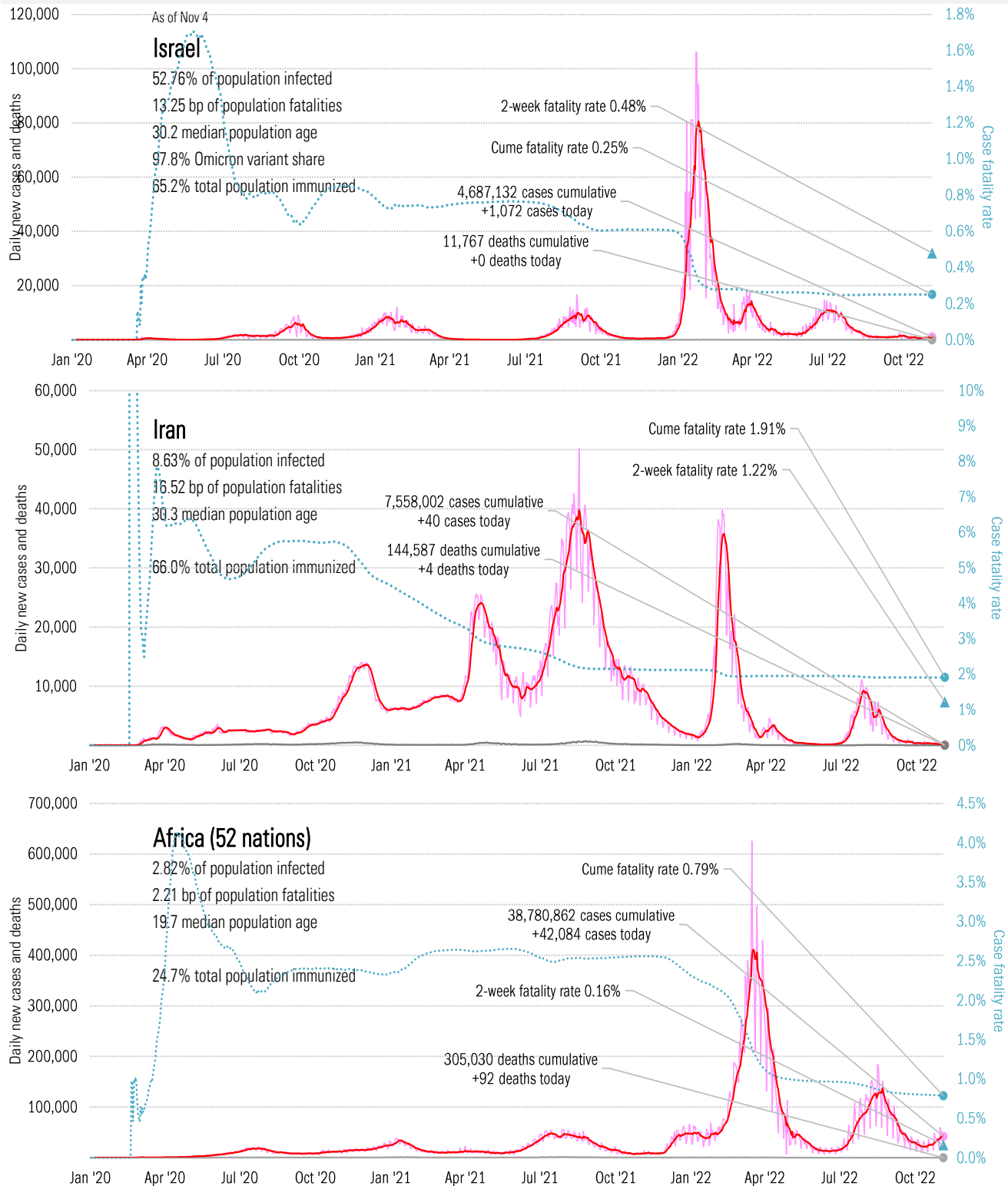
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

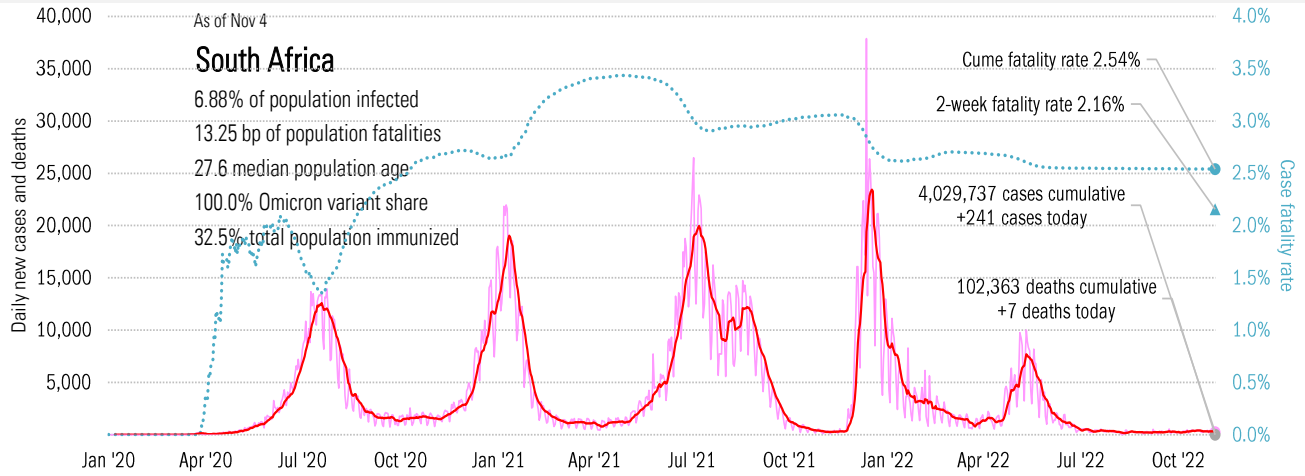
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), Trend Macro calculations