

Data Insights: Covid-2019 Monitor

Thursday, November 10, 2022

The global scorecard

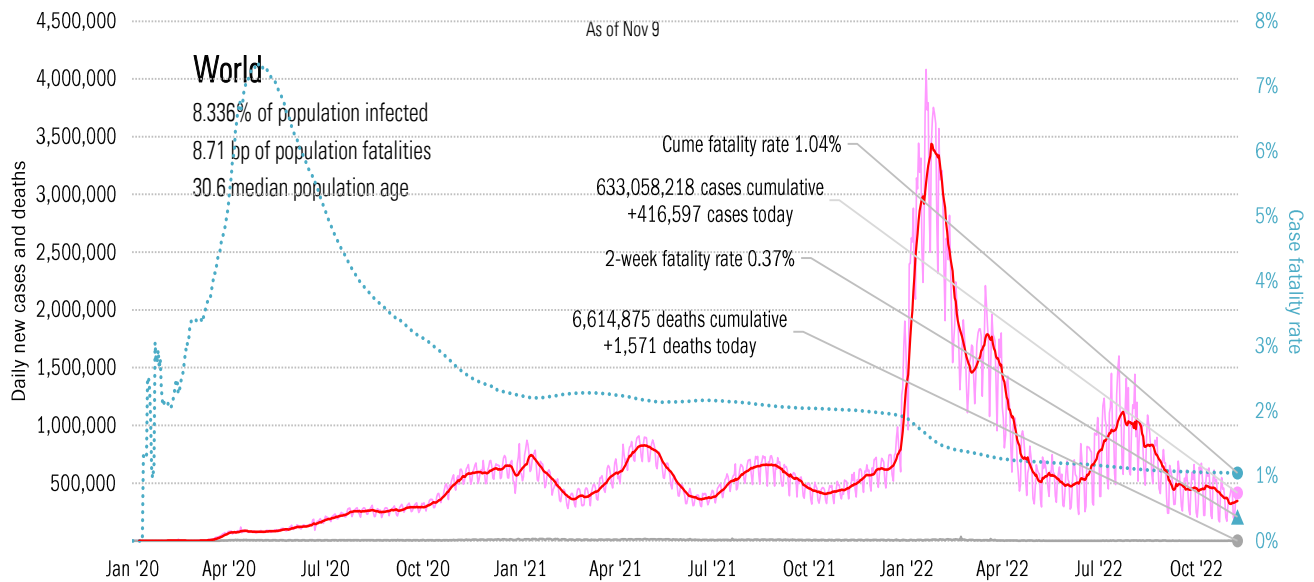
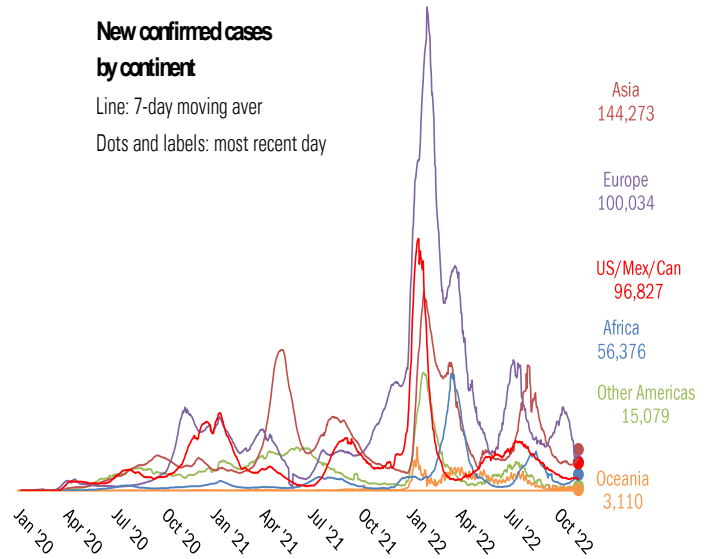
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	87,410	United States	350
Korea, South	55,365	Germany	175
United States	46,393	Hungary	173
Germany	38,668	Japan	97
France	28,871	France	72
Taiwan*	24,833	Taiwan*	66
China	14,855	Russia	62
Hungary	12,051	Canada	57
Chile	7,523	Korea, South	52
Indonesia	6,186	Norway	48
322,155		1,152	
World	416,597	World	1,571
Top ten	77%	Top ten	73%

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

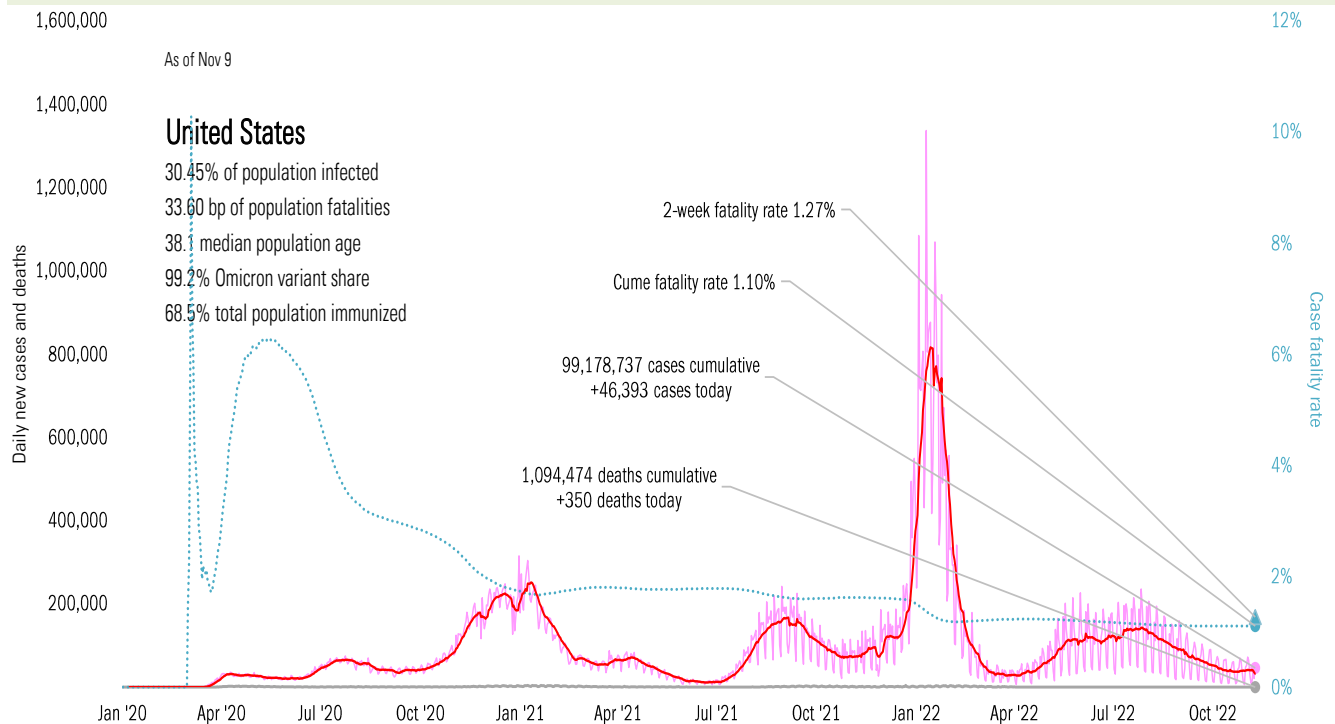
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
NY	6,586		FL	52		CA	364		CA	11,395,357		CA	97,034		TX	552,221		RI	89%	VT	88%
TX	3,615		NY	48		GA	136		FL	8,496,841		TX	91,253		CA	510,549		MA	87%	TX	88%
FL	3,308		MI	24		TX	190		TX	8,055,714		FL	82,693		FL	500,491		GA	86%	AL	86%
CA	2,669		PA	22		SC	62		NY	6,291,836		NY	73,417		NY	313,646		MN	85%	MA	86%
IL	2,050		CA	21		MN	71		IL	3,832,738		PA	47,994		GA	228,712		WA	85%	GA	84%
NJ	1,833		IL	19		CO	94		PA	3,330,062		GA	40,803		CH	224,638		MD	83%	NC	83%
CH	1,752		GA	15		FL	182		NC	3,255,506		CH	40,249		PA	210,975		MO	83%	AK	83%
PA	1,653		TX	14		MD	78		CH	3,197,300		IL	40,083		IL	192,676		WV	83%	NH	82%
KY	1,611		ME	13		AZ	86		GA	2,929,434		MI	39,574		MI	167,951		NH	82%	DC	81%
MI	1,427		MD	10		NM	28		MI	2,907,819		NJ	34,958		KY	147,026		MI	82%	RI	80%
26,504			238			1,291			53,692,607			588,058			3,048,885						
All states 46,393			350			3,657			All states 99,178,737			1,094,474			5,536,231			All states 70%		67%	
Top ten 57%			68%			35%			Top ten 54%			55%			55%			Median 77%		75%	

Some states not reporting

Five most improved US states

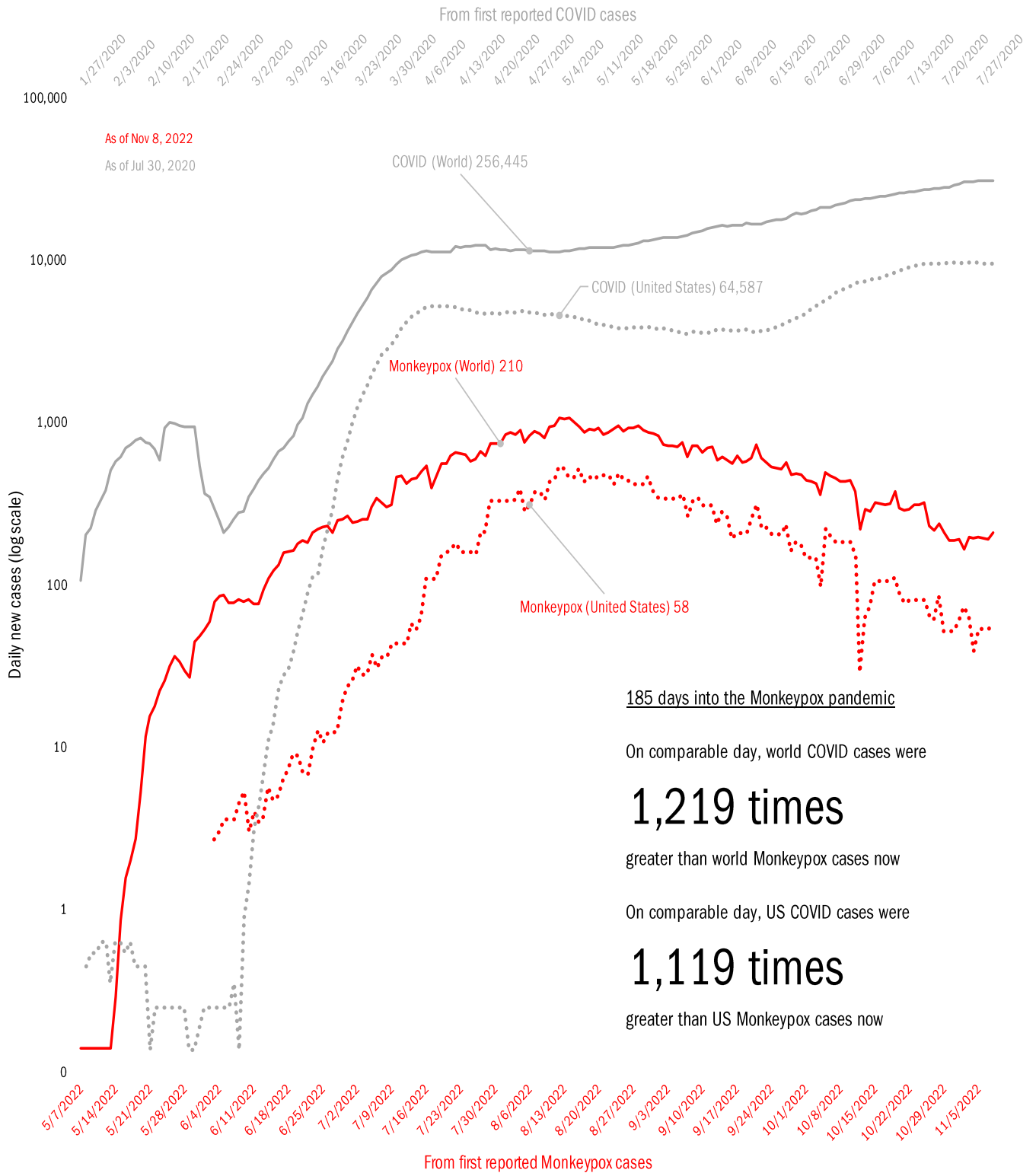
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
MO	-778	MO	-45	WI	-41
DE	-140	ME	-6	NY	-40
ME	-103	NJ	-6	PA	-35
VA	-17	NM	-5	MI	-33
AK	0	CO	-2	KY	-29



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

The Monkeypox contextualizer

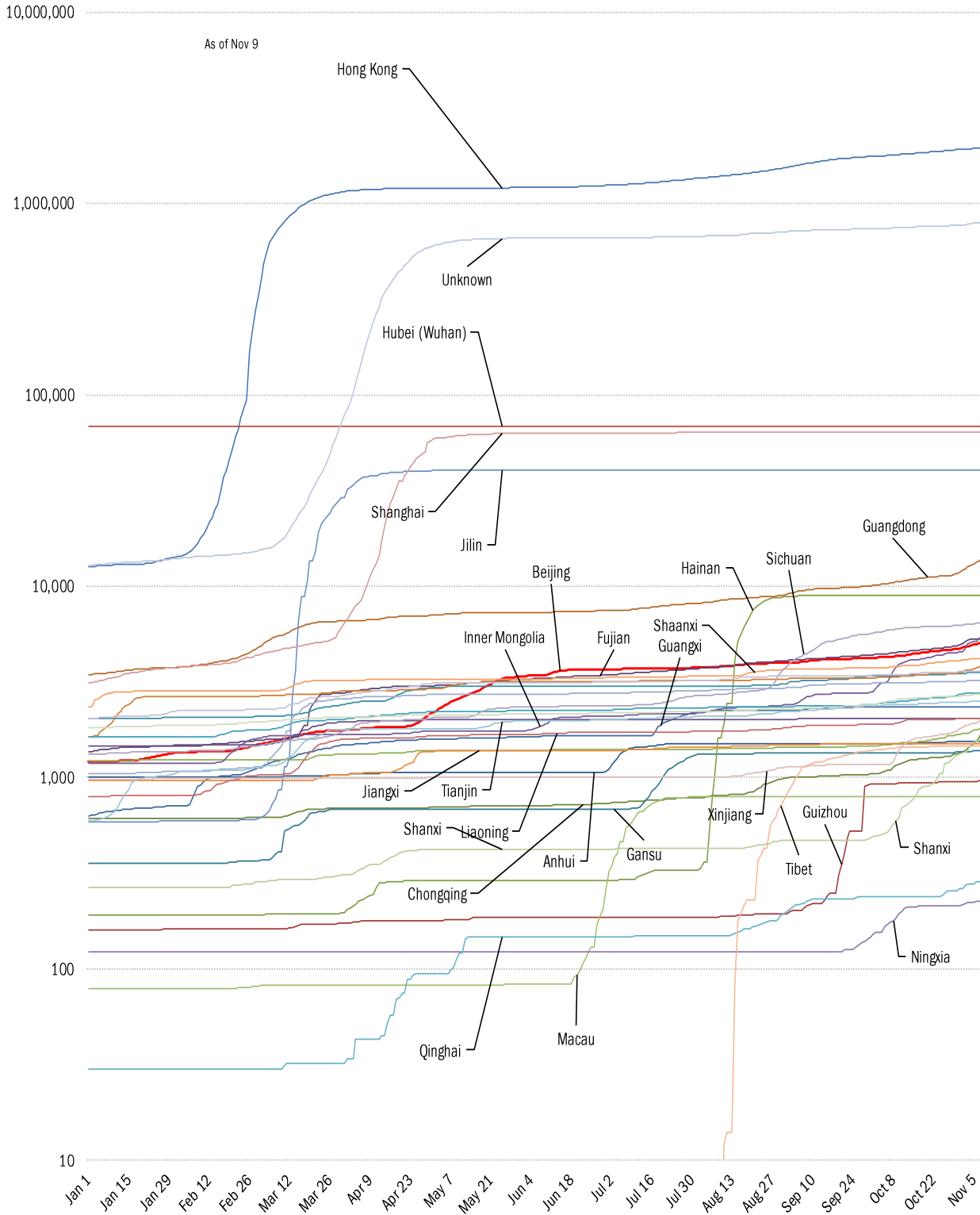
The course of case growth versus COVID



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"

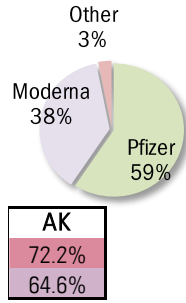


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered 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%

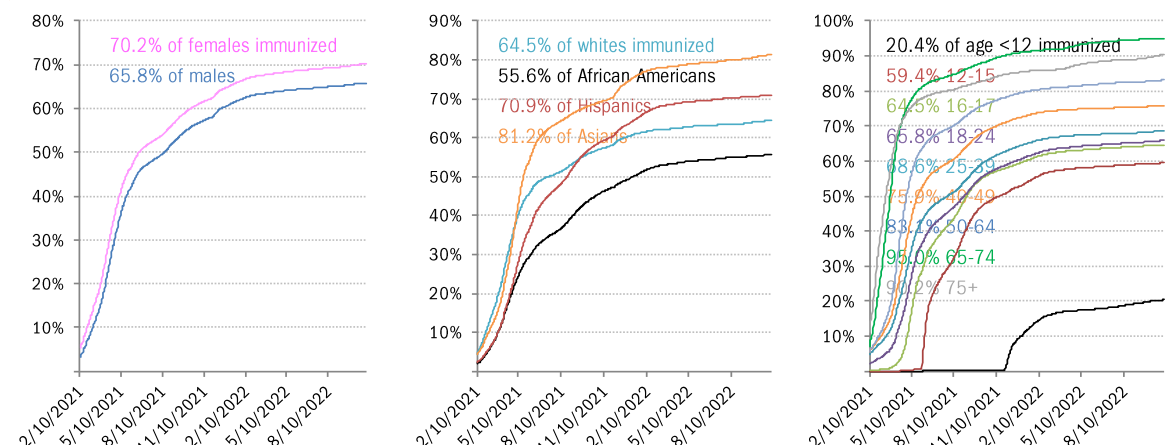


State	Best
At least partial immunity as % population	Middle
Full immunity as % population	Worst

As of Nov 4

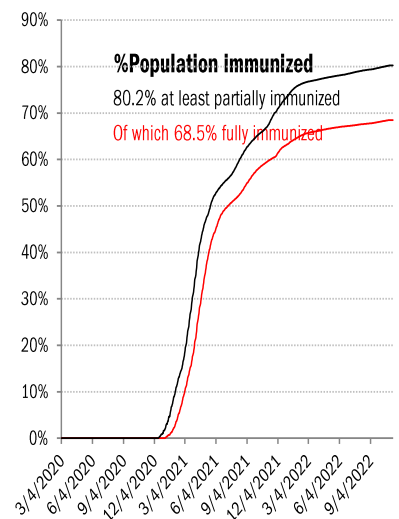
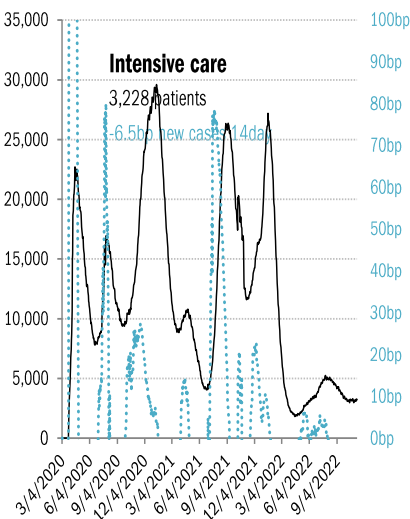
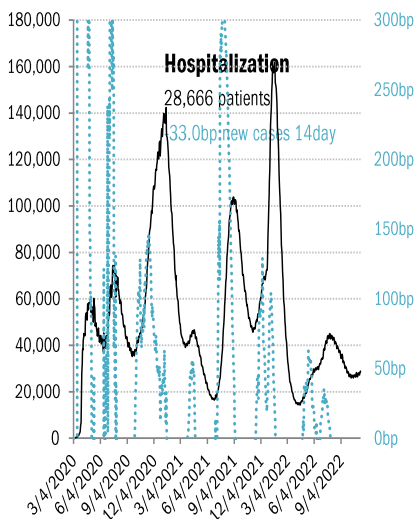
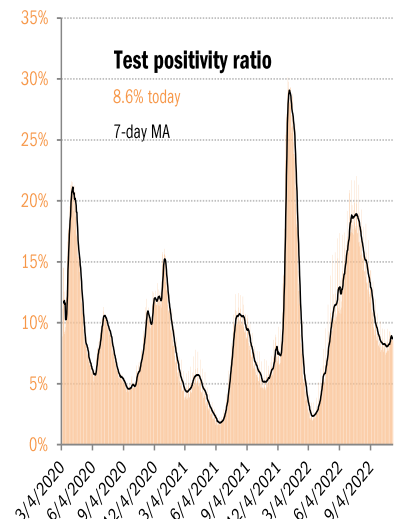
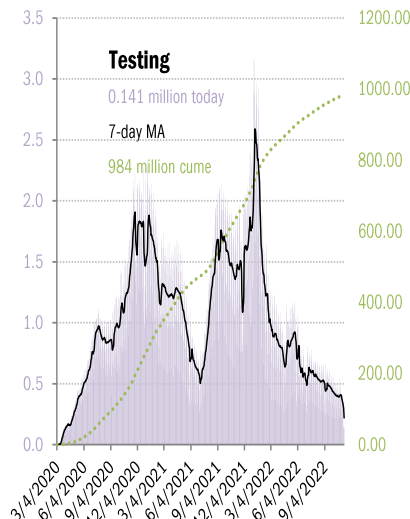
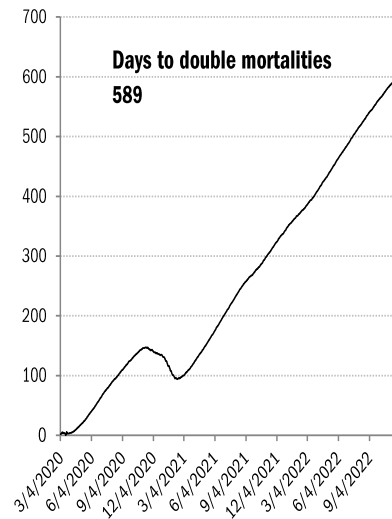
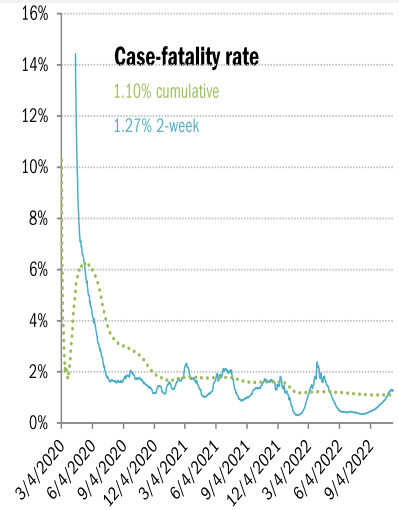
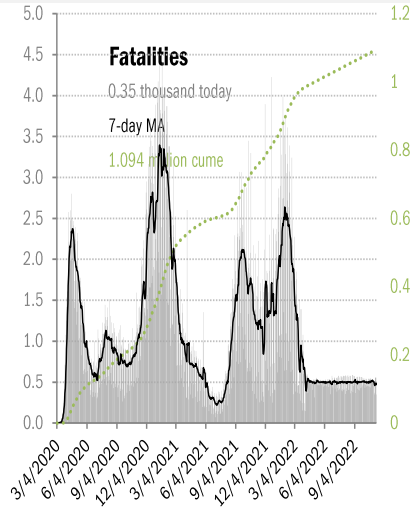
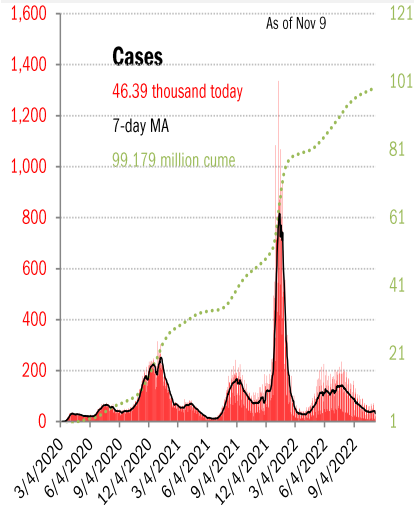
State	At least partial immunity as % population	Full immunity as % population
AK	72.2%	64.6%
HI	90.4%	80.7%
ME	95.0%	82.3%
NY	93.2%	79.7%
VT	95.0%	84.3%
NH	86.2%	70.4%
WA	84.1%	75.1%
ID	63.2%	55.9%
MT	67.5%	58.6%
ND	68.4%	57.8%
MN	77.8%	71.3%
IL	78.4%	70.6%
MI	68.8%	61.8%
OR	80.4%	71.5%
NV	77.9%	62.8%
WY	60.1%	52.6%
SD	82.0%	65.1%
IA	69.9%	63.7%
IN	63.7%	57.2%
OH	65.1%	59.9%
PA	88.8%	71.9%
NJ	93.5%	78.2%
MA	95.0%	82.7%
CA	85.2%	74.3%
UT	74.5%	66.1%
CO	82.6%	72.7%
NE	72.5%	65.4%
MO	68.5%	58.2%
KY	68.2%	59.1%
WV	66.9%	59.2%
VA	89.2%	75.7%
MD	90.3%	78.6%
CT	95.0%	82.1%
RI	95.0%	86.5%
AZ	76.1%	65.3%
NM	92.4%	74.1%
KS	75.2%	64.4%
AR	69.0%	56.2%
TN	63.9%	55.9%
NC	90.0%	65.6%
SC	70.2%	59.2%
DC	95.0%	83.2%
DE	86.5%	71.9%
OK	73.7%	59.7%
LA	62.4%	54.7%
MS	61.2%	53.3%
AL	64.4%	52.6%
GA	67.5%	56.6%
TX	75.1%	62.5%
FL	81.6%	68.8%
PR	95.0%	86.3%

The demographics of US vaccination

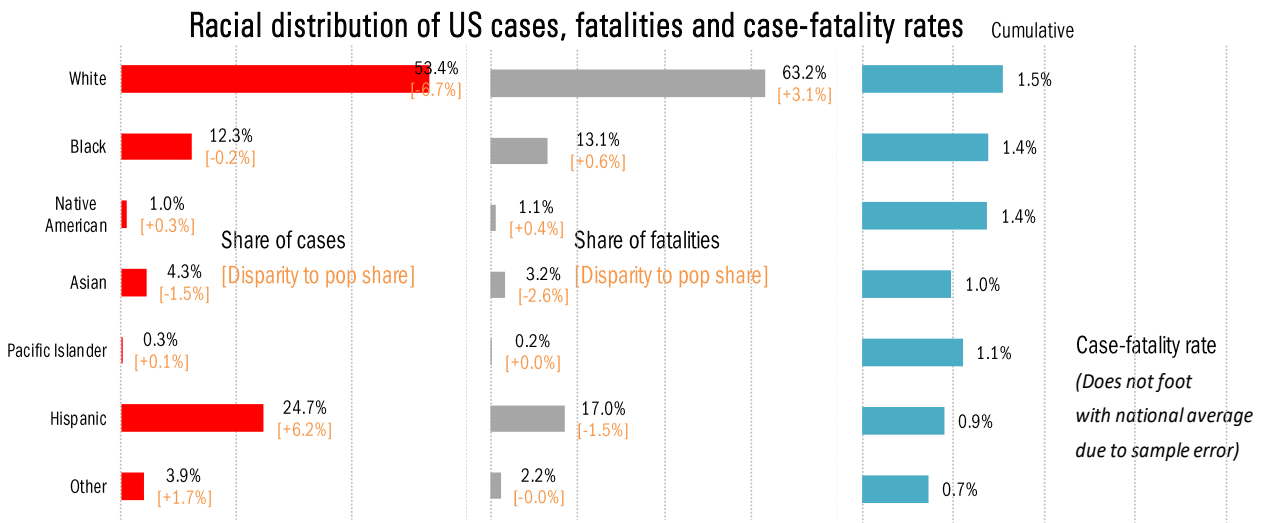
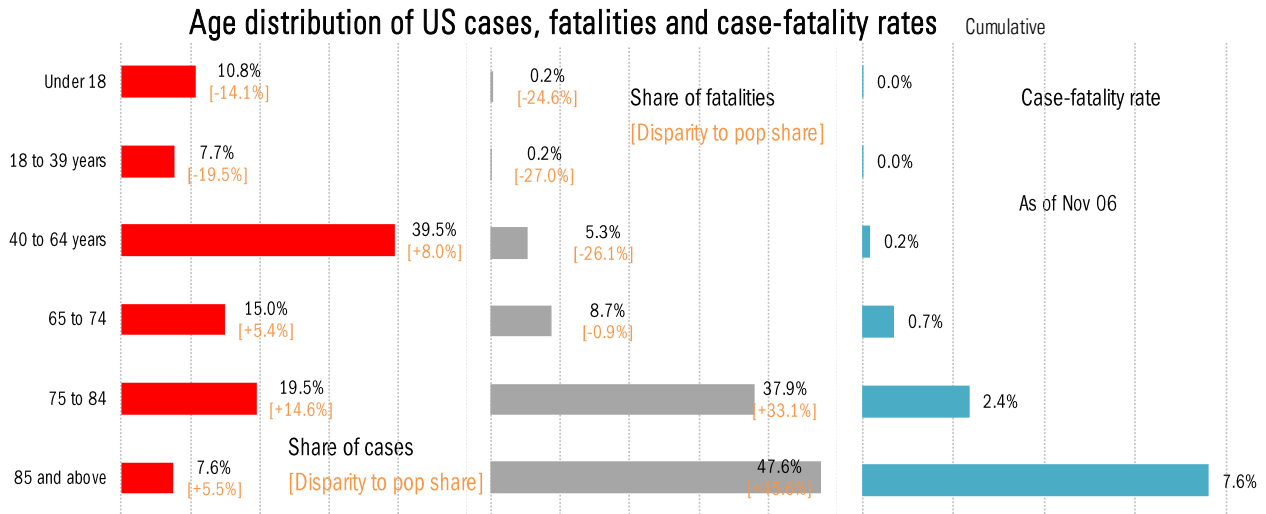


Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

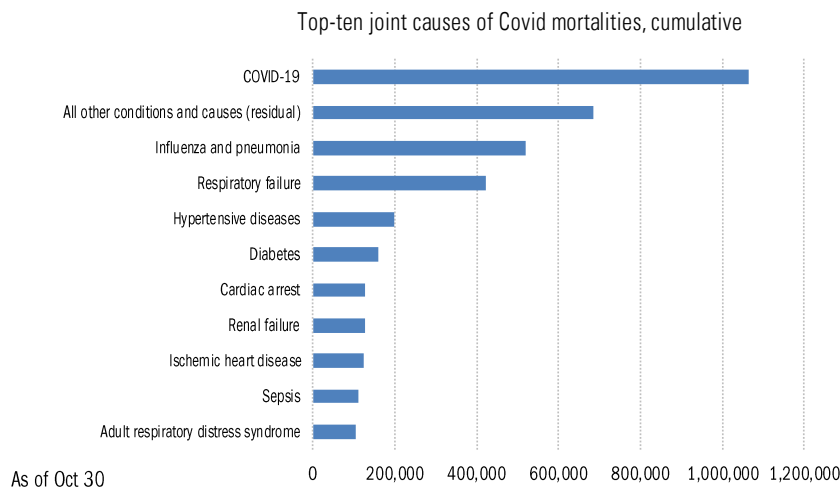
US deep-dive



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

[Musk's First Email to Twitter Staff Ends Remote Work](#)

Kurt Wagner

Bloomberg

November 10, 2022

[Musk's Twitter: Blazing a Trail Toward Openness](#)

Bret Swanson

AEI Ideas

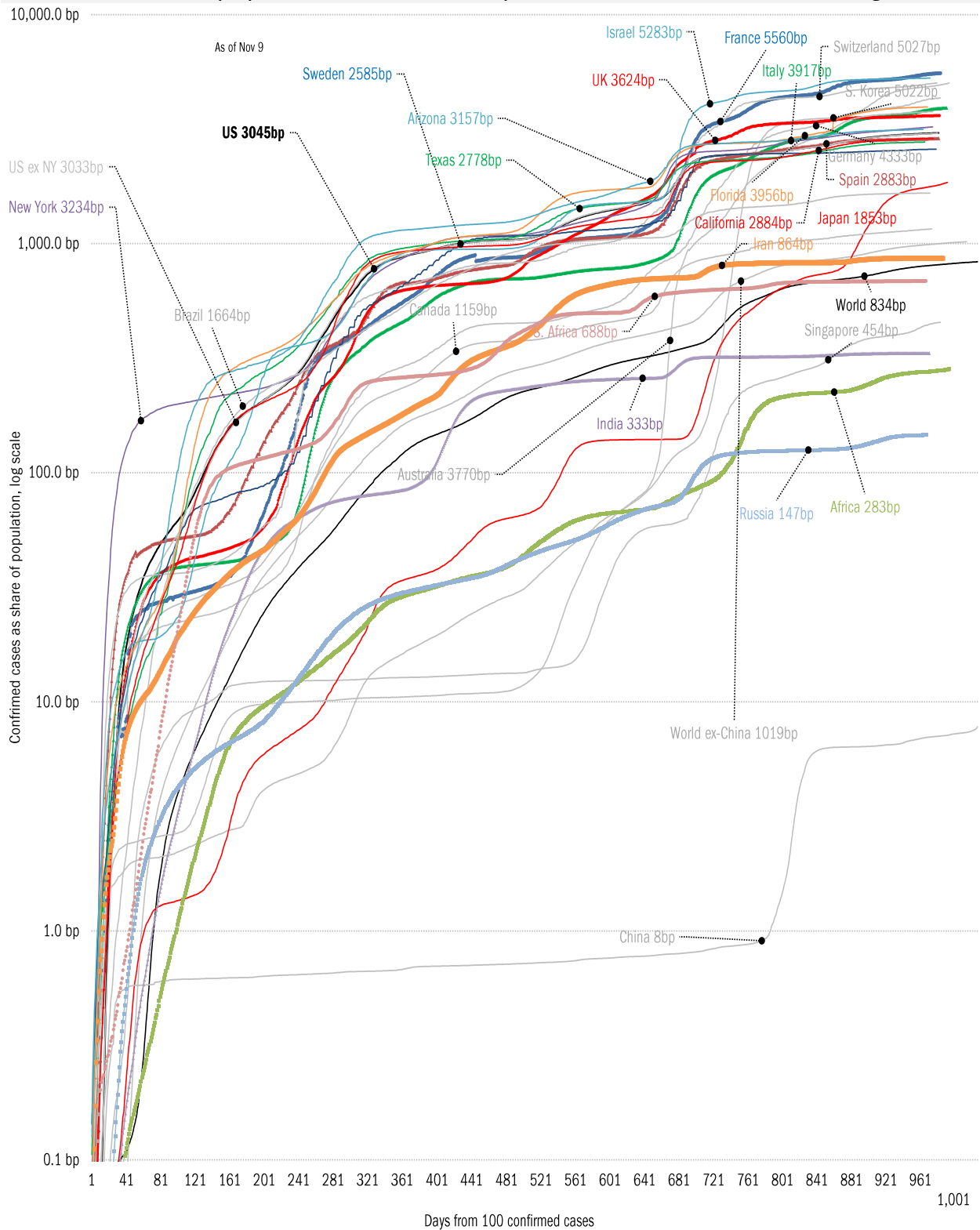
November 9, 2022

Meme of the day



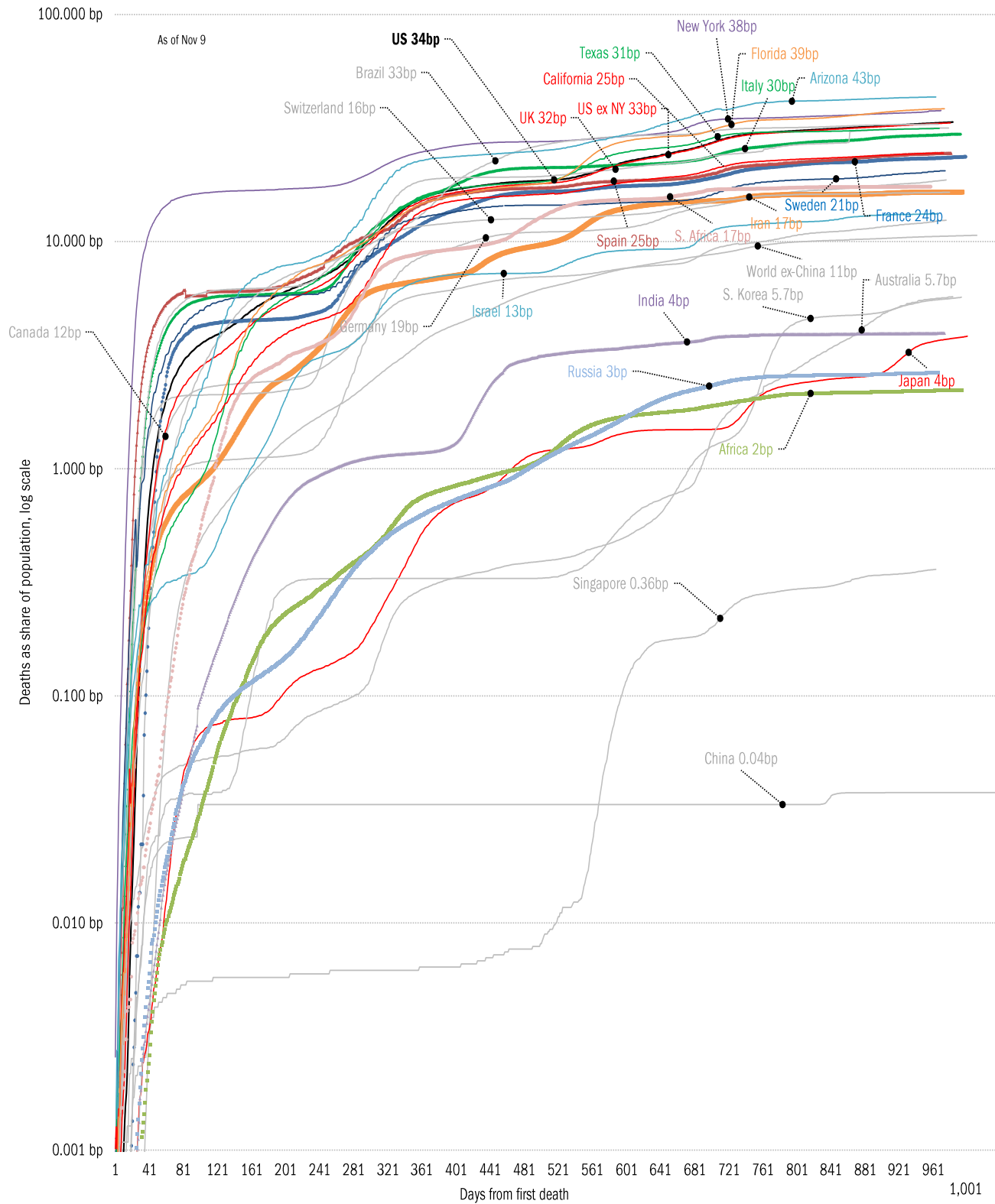
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

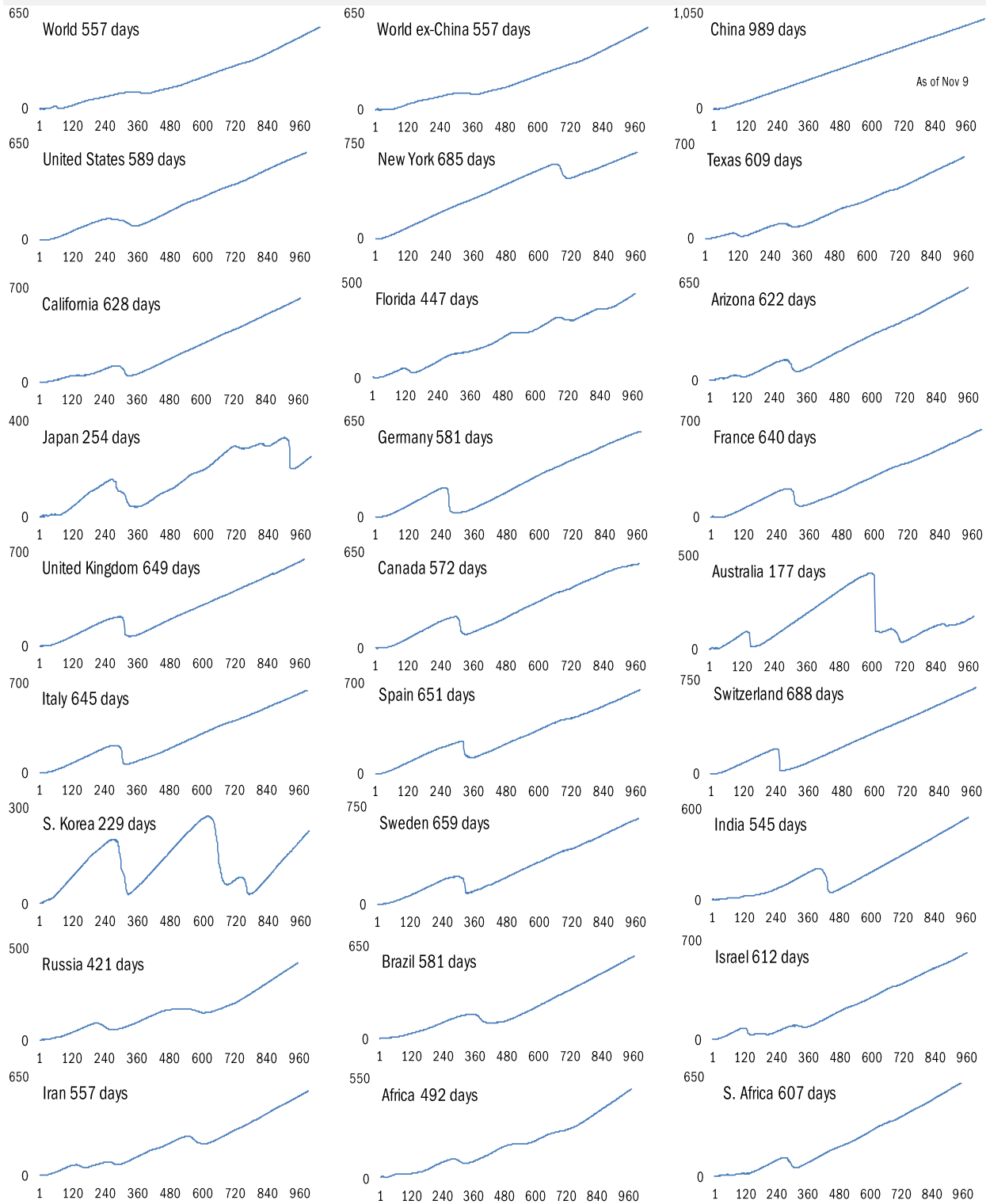


Source: [Johns Hopkins](#), TrendMacro calculations

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

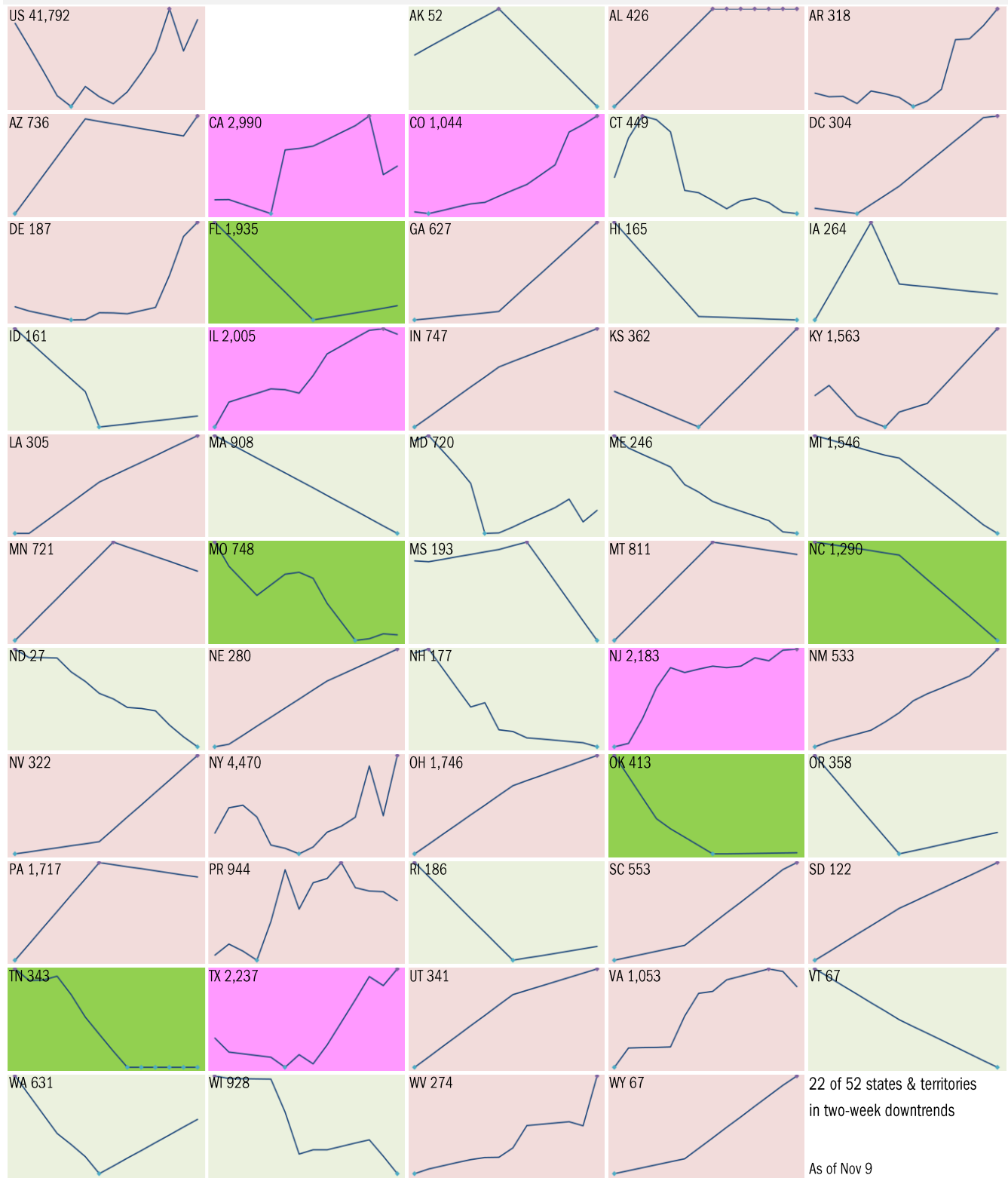


Source: [Johns Hopkins](#), TrendMacro calculations

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

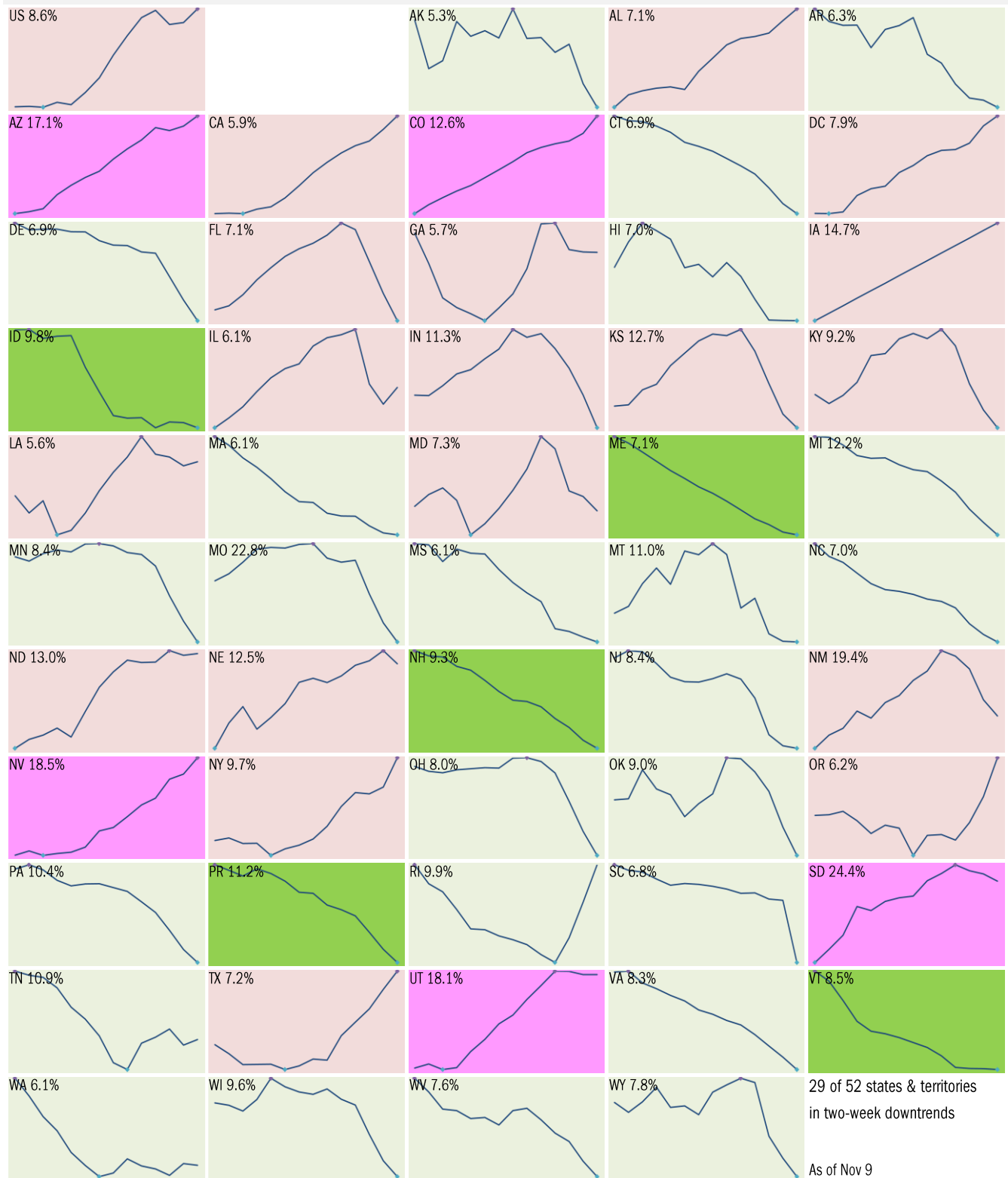


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

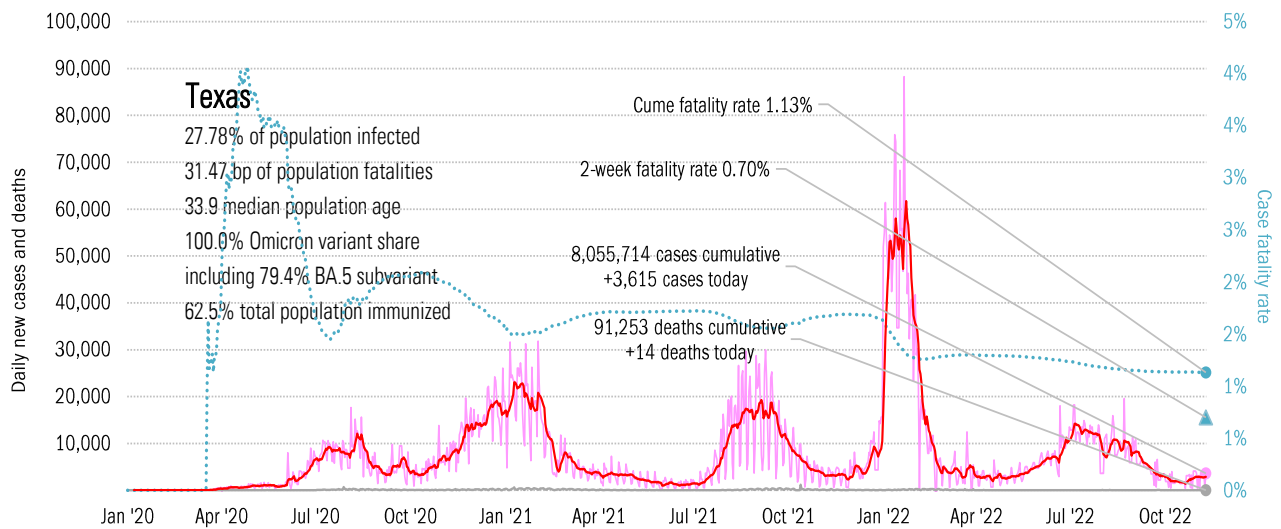
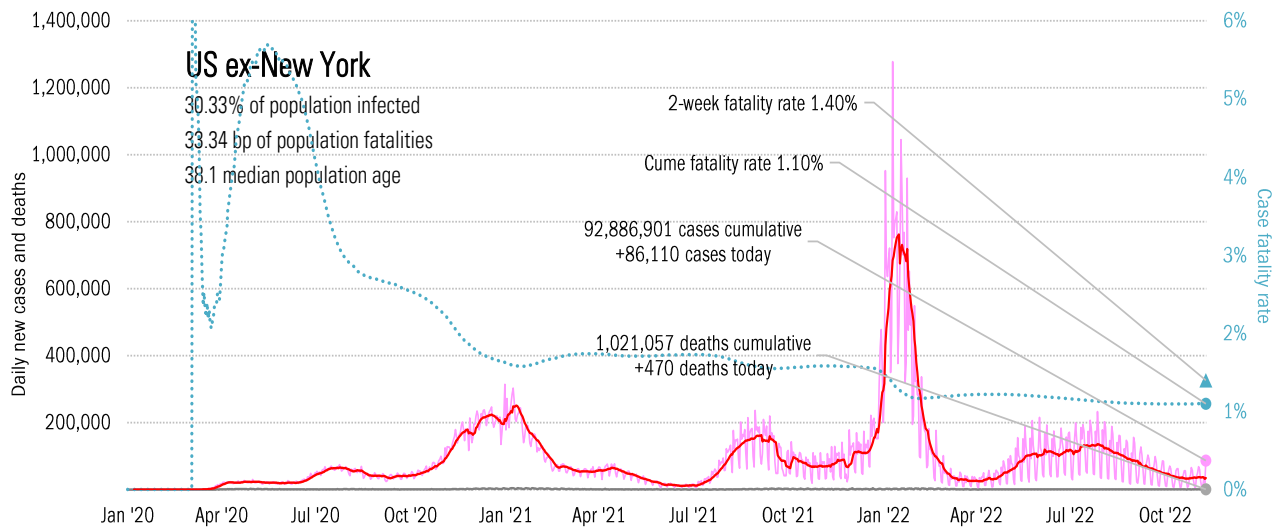
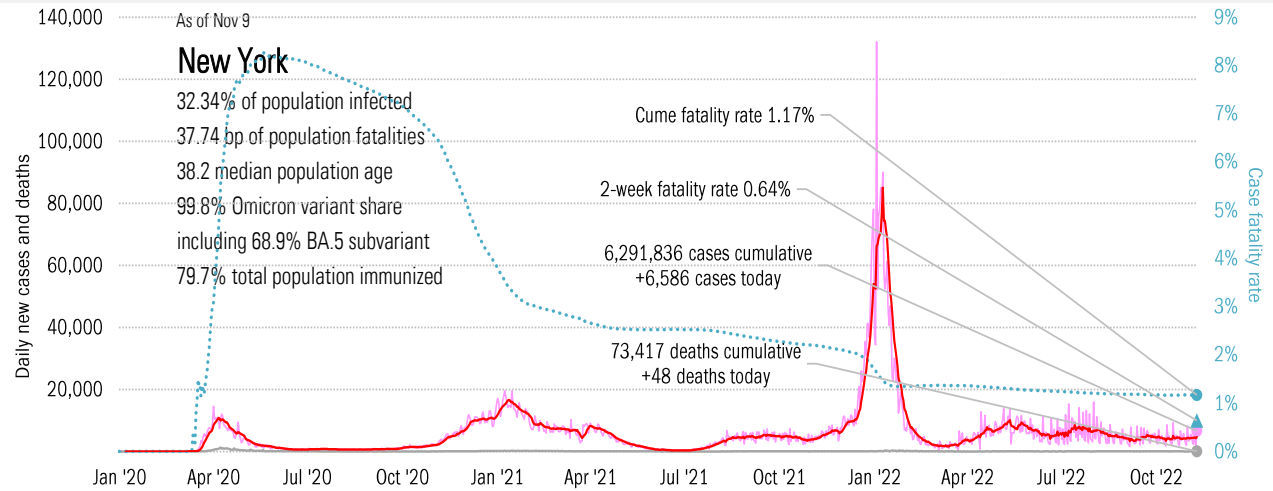
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

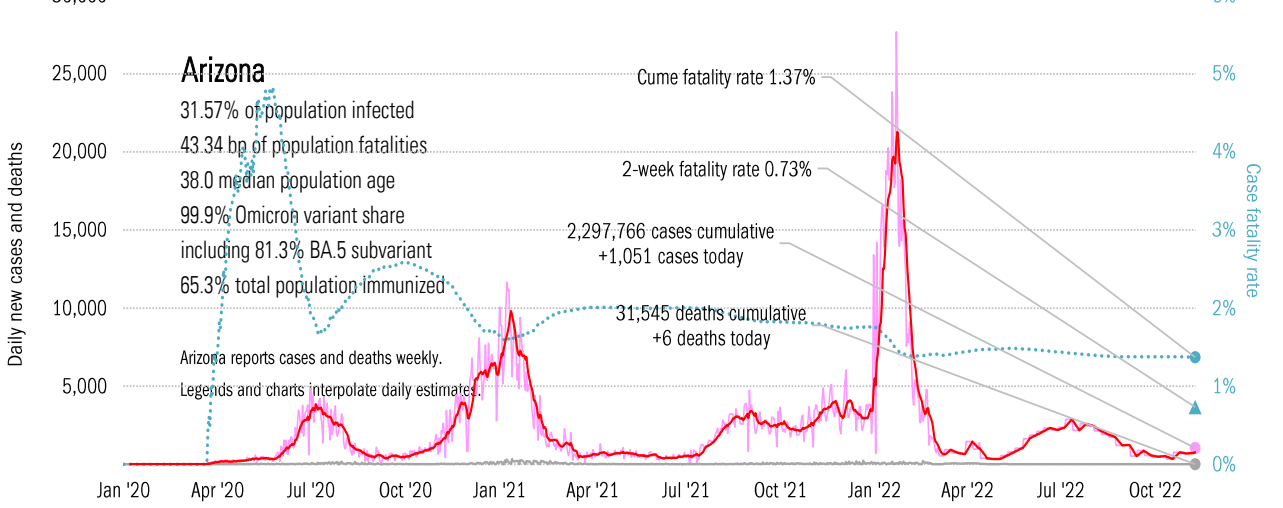
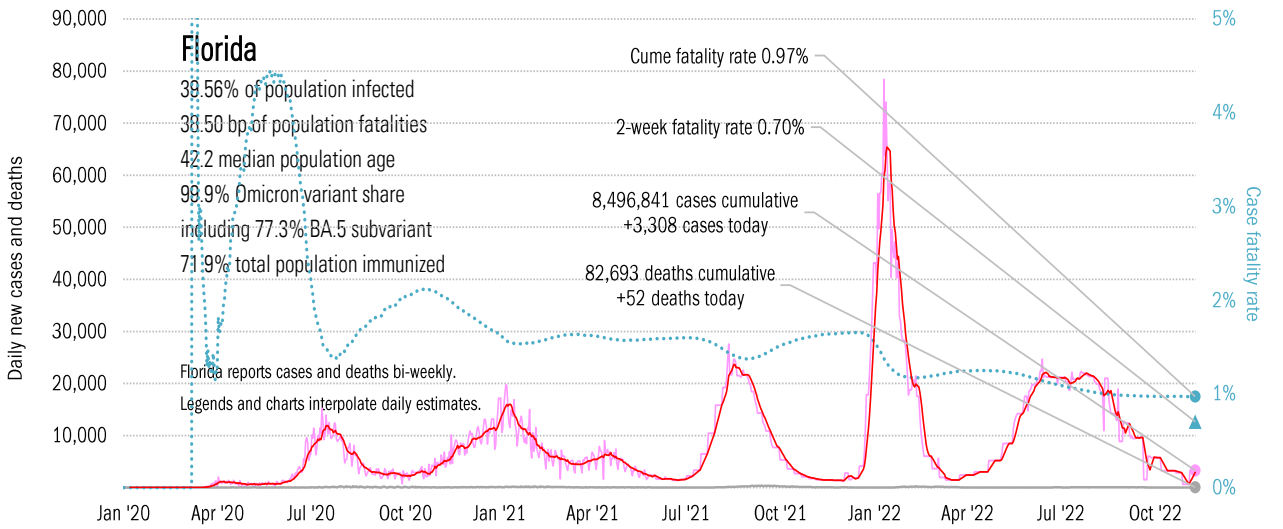
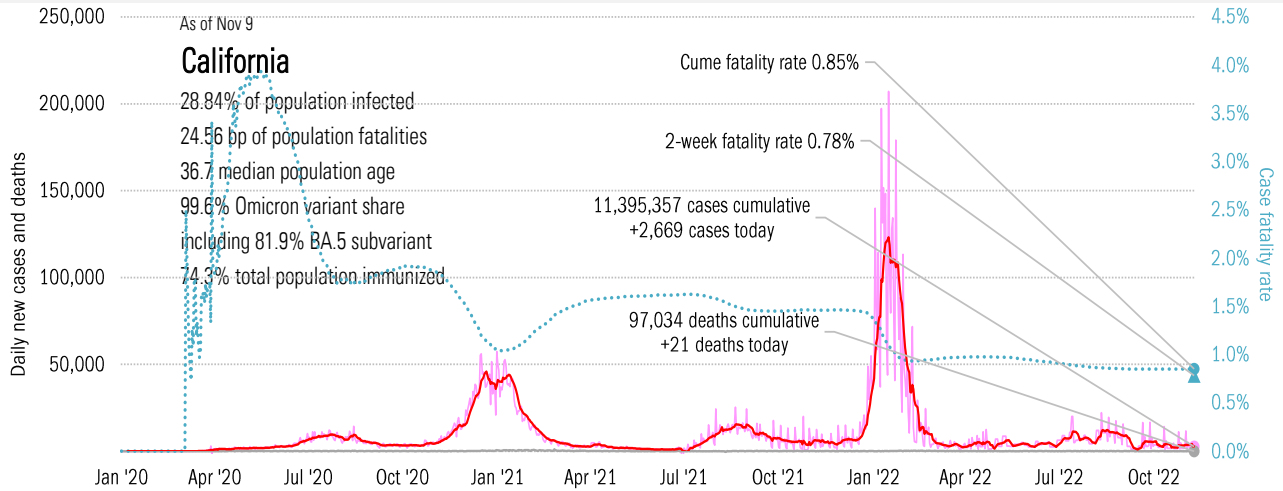
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

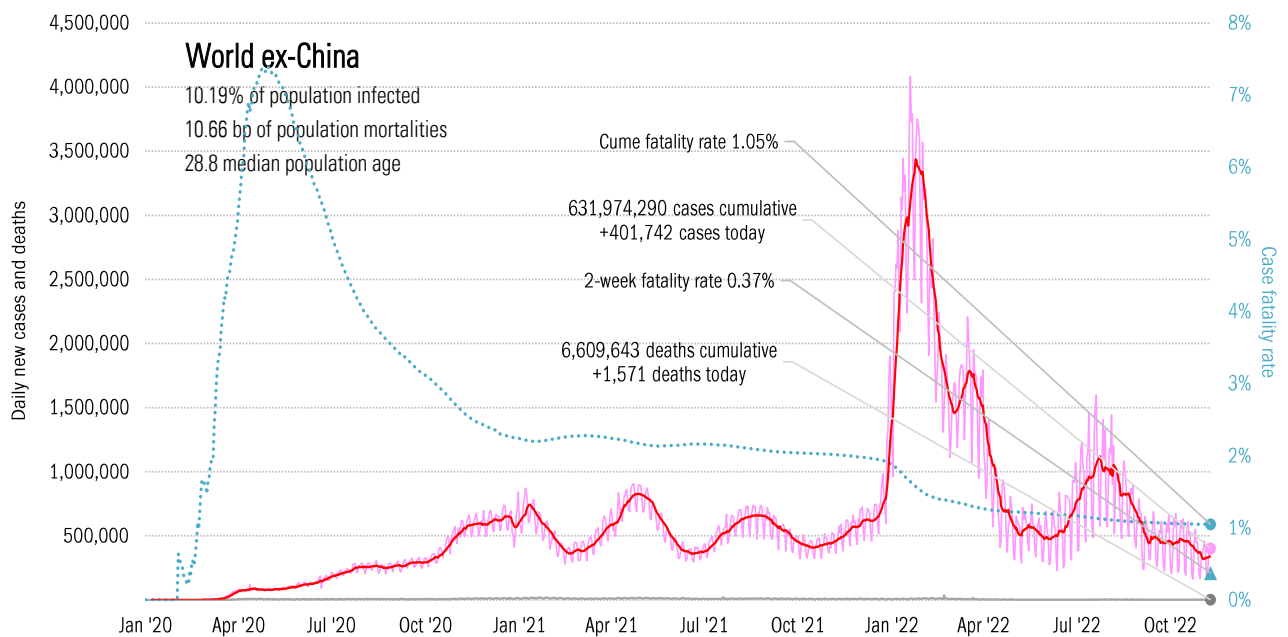
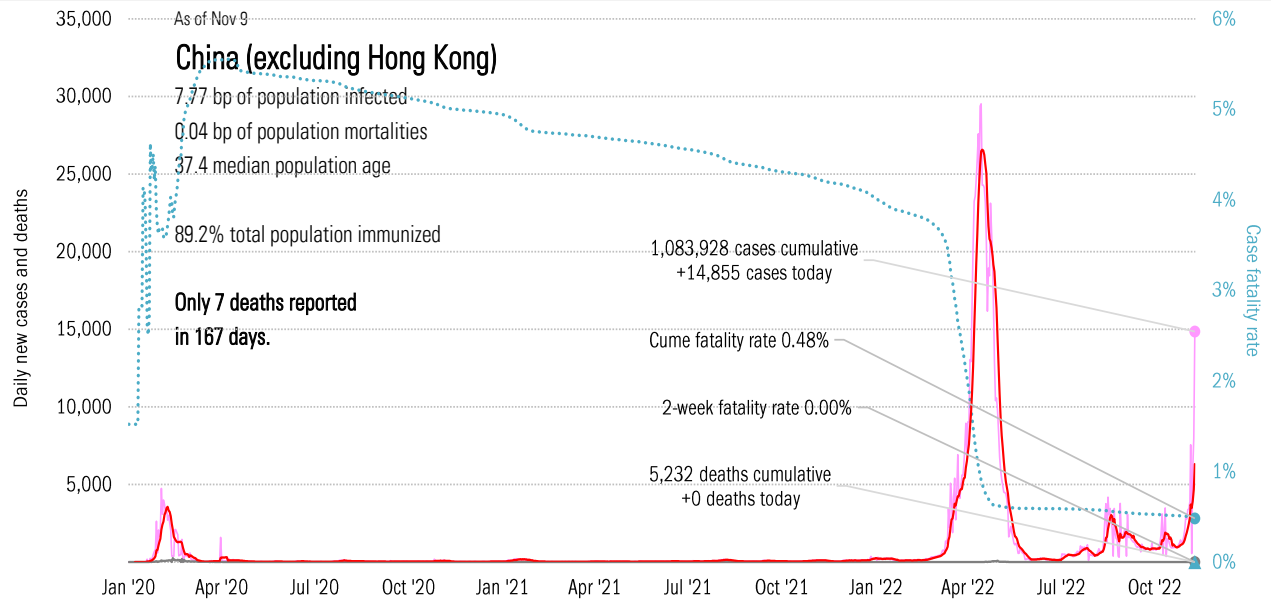
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

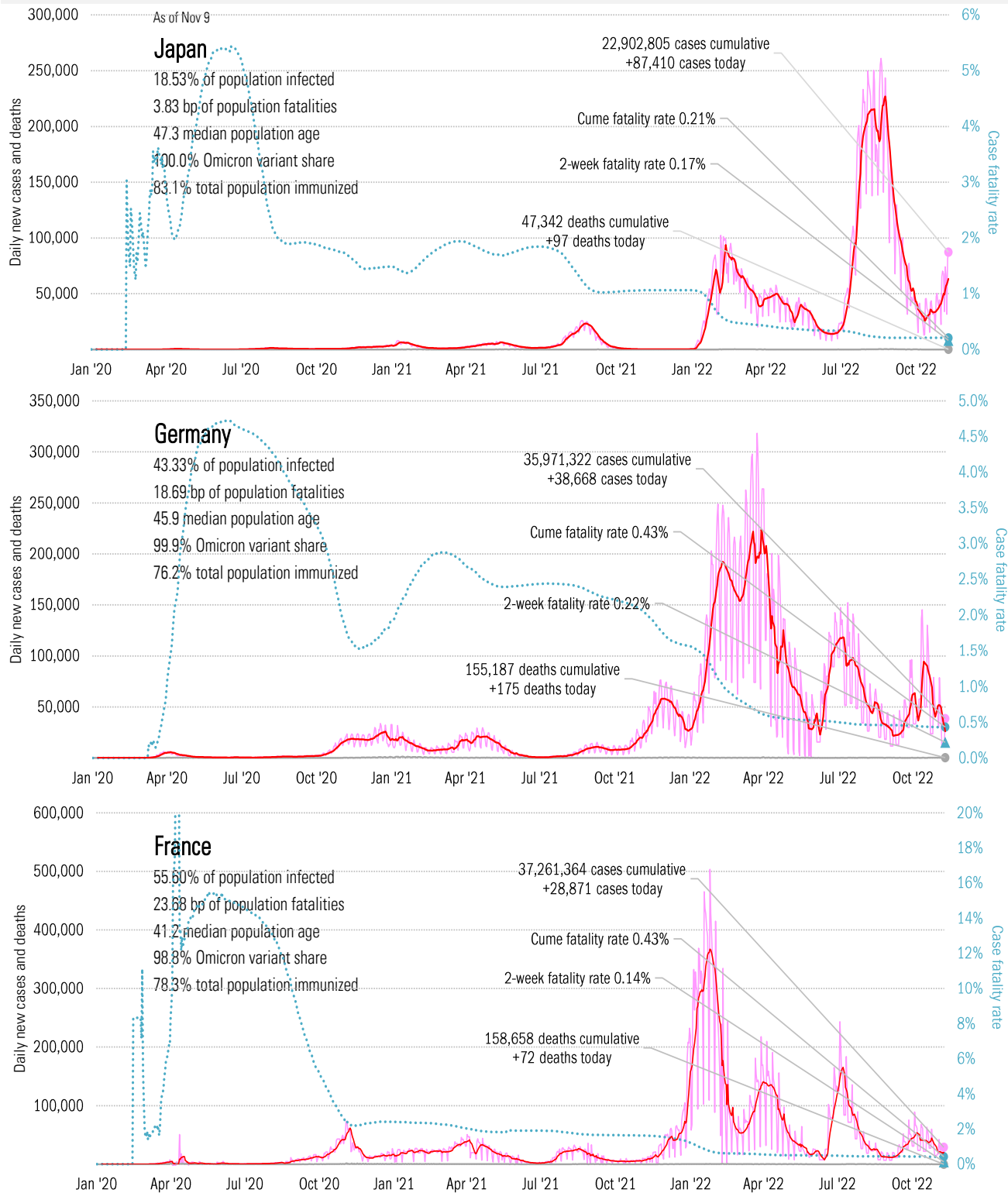
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

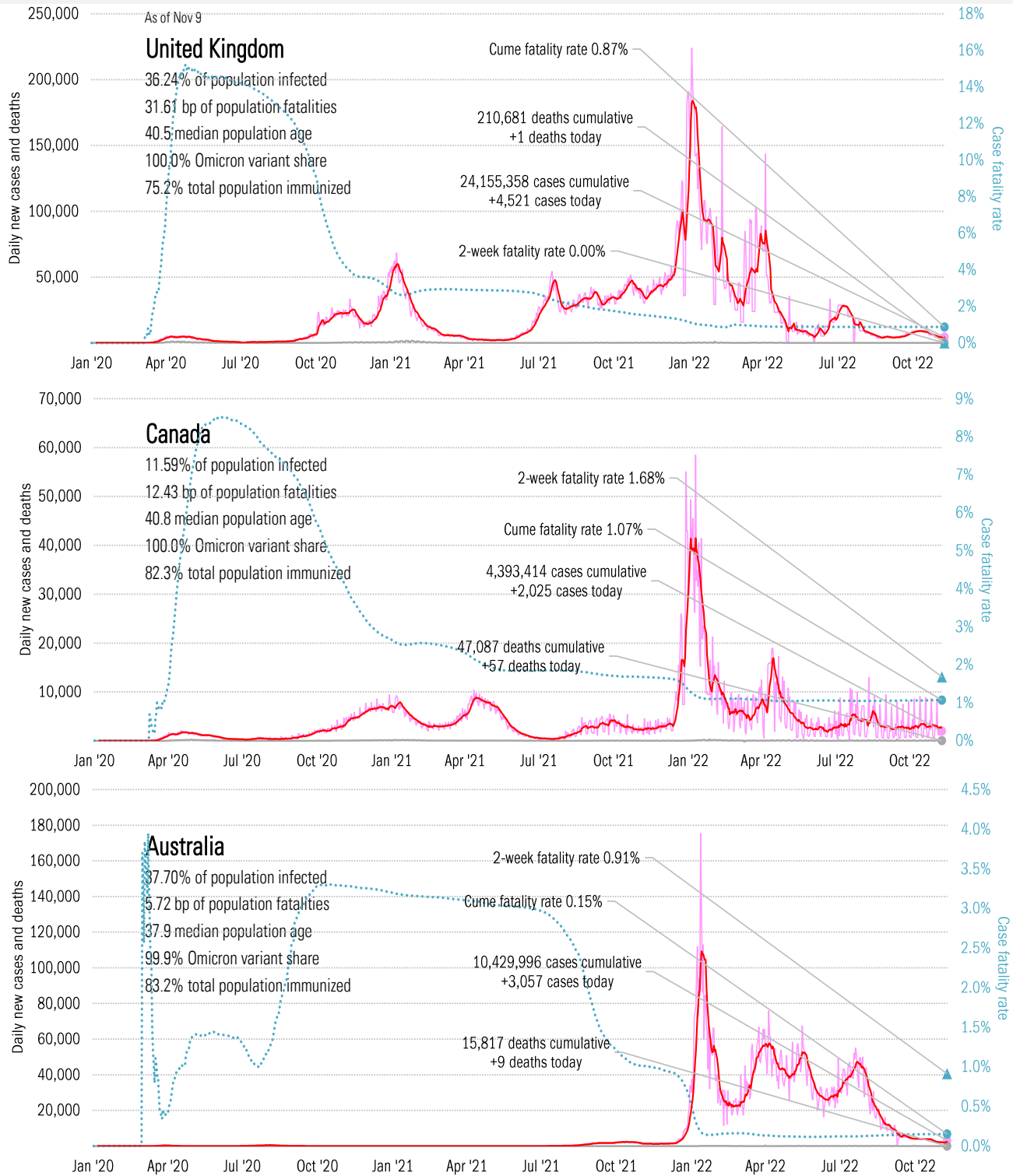
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

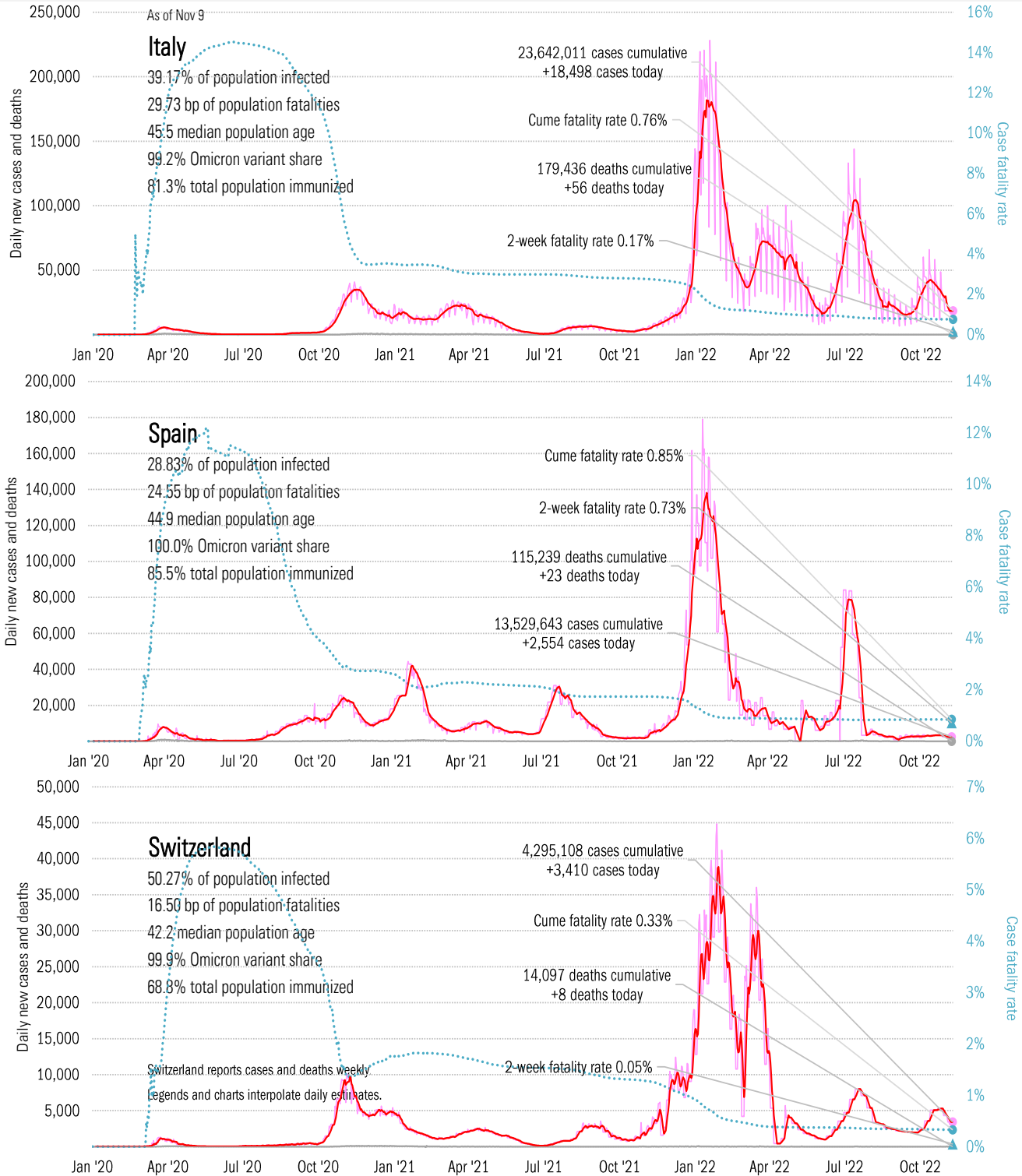
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

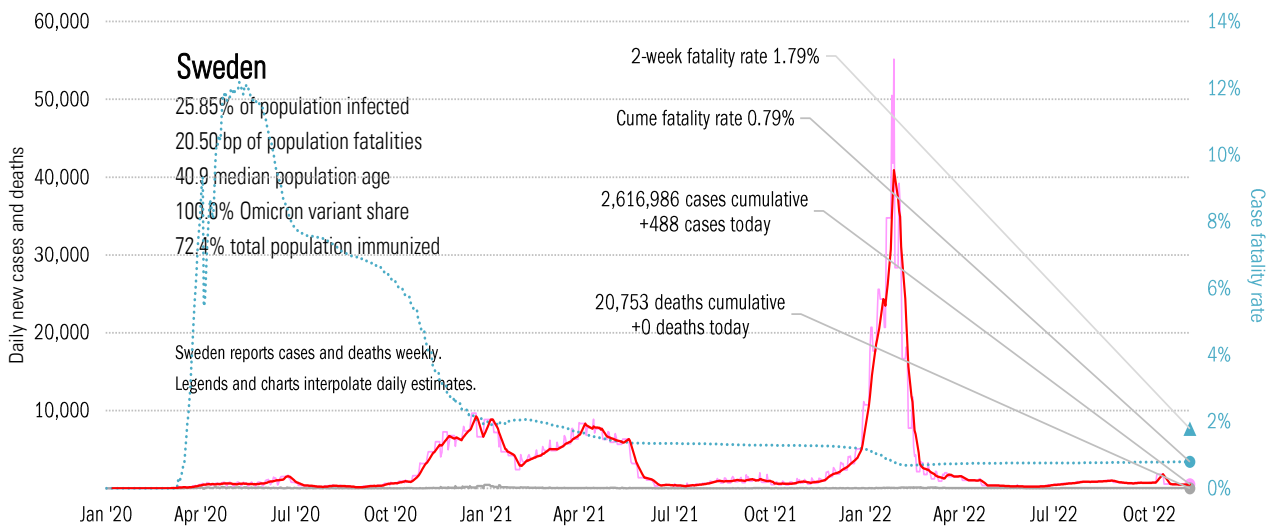
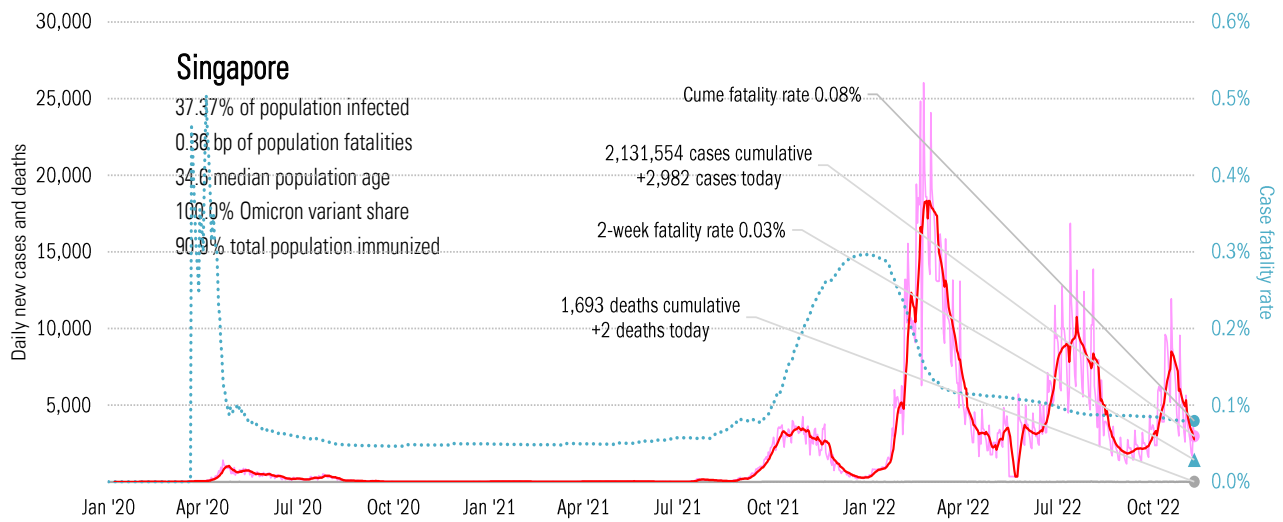
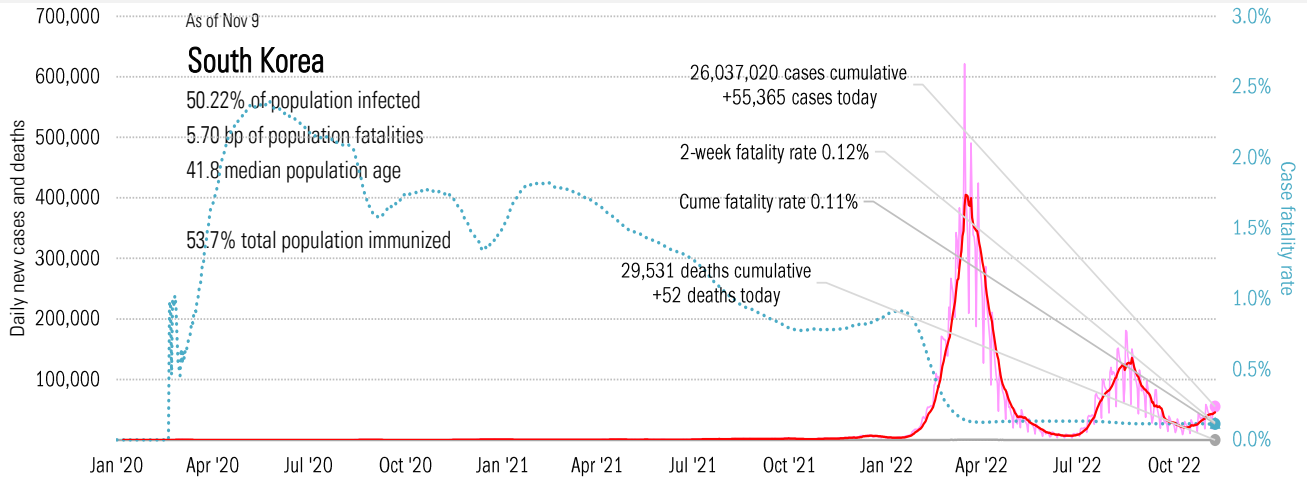
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

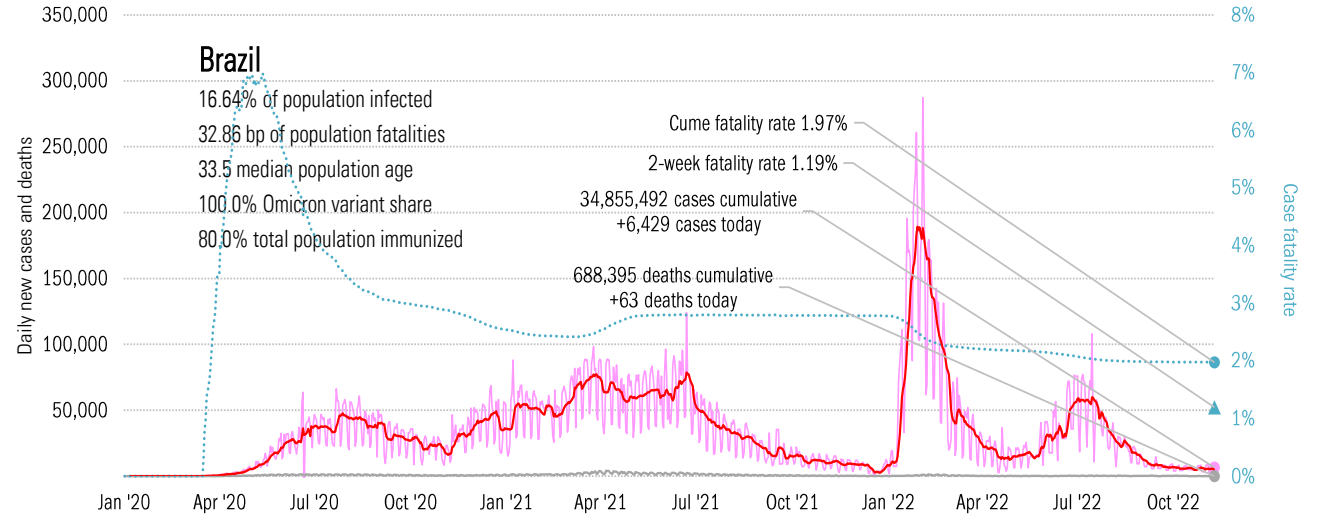
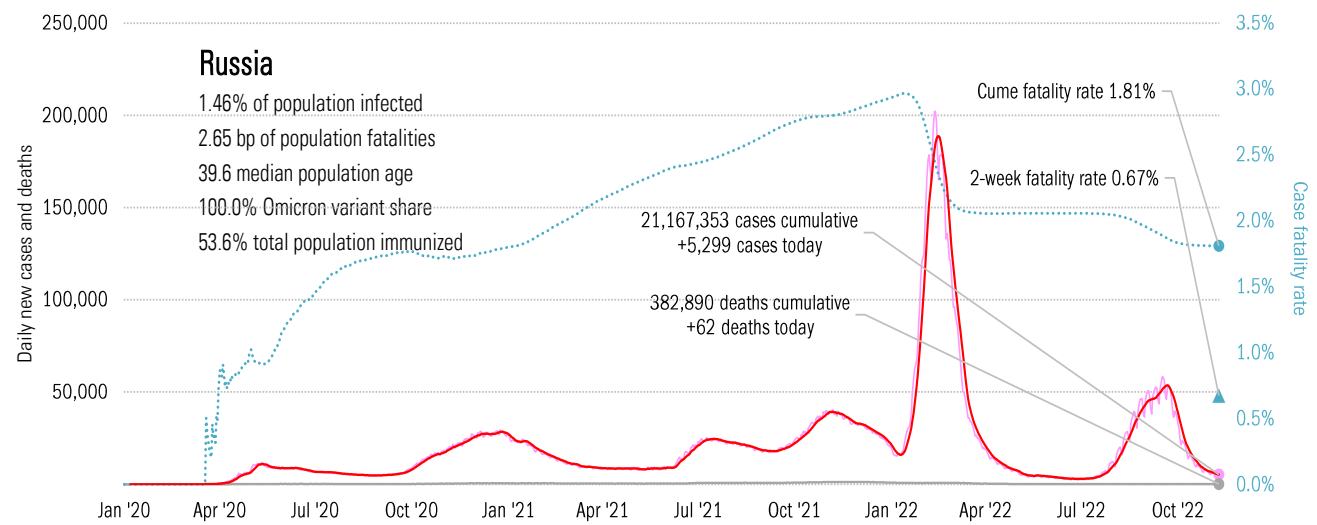
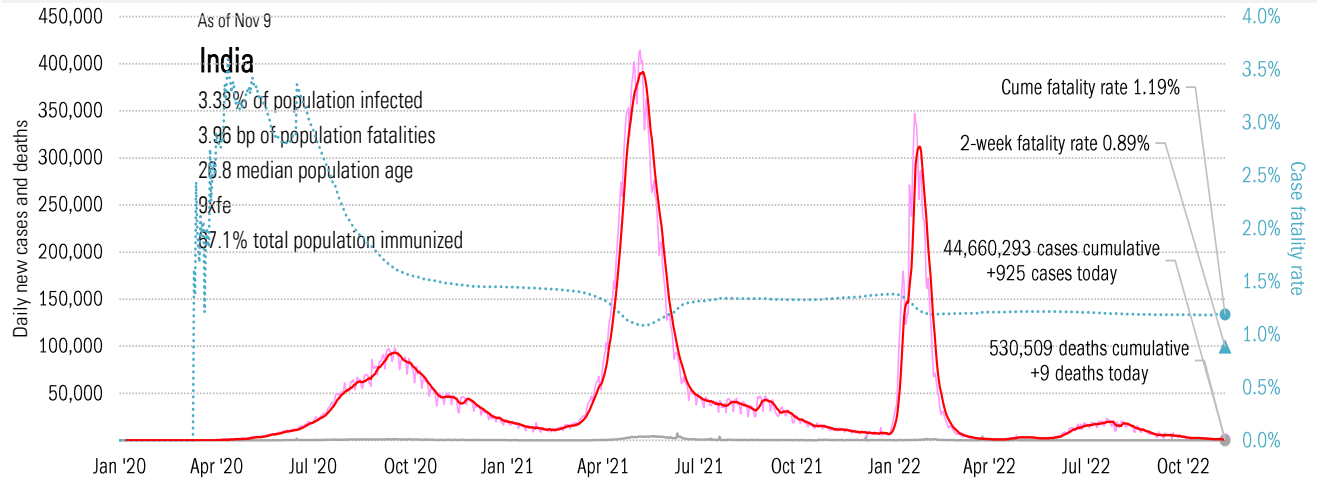
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

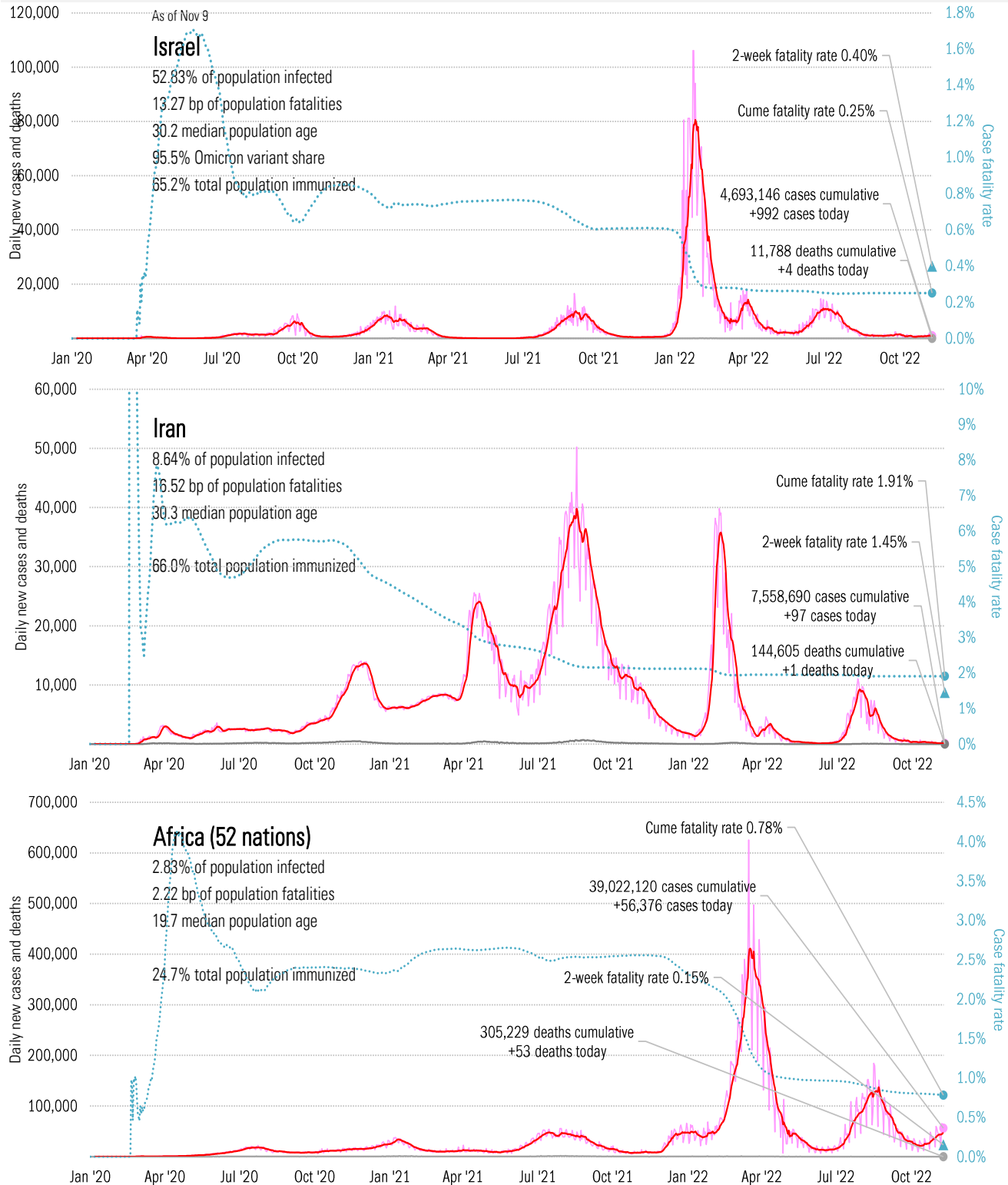
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

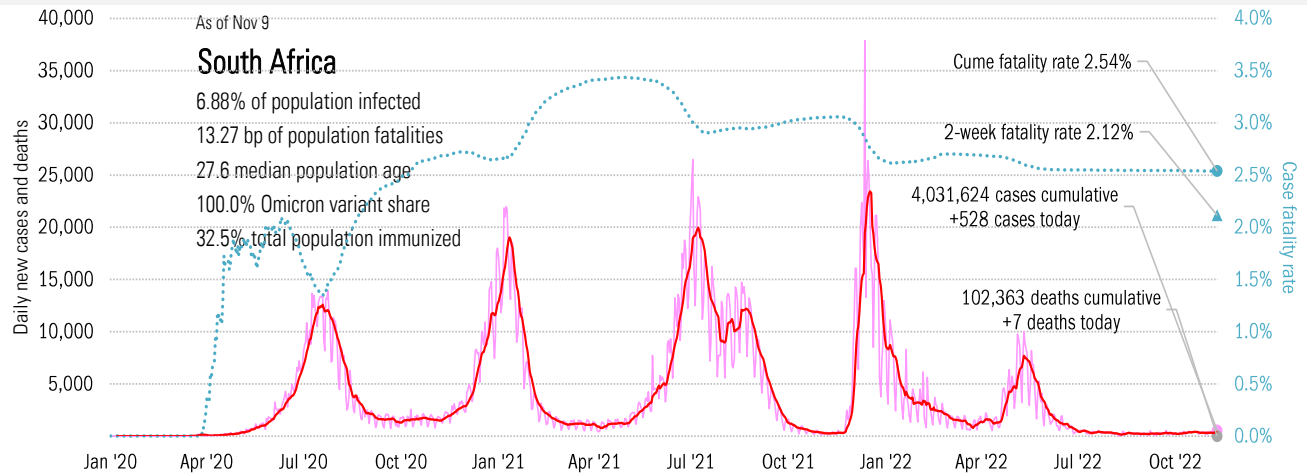
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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