

Data Insights: Covid-2019 Monitor

Wednesday, November 16, 2022

The global scorecard

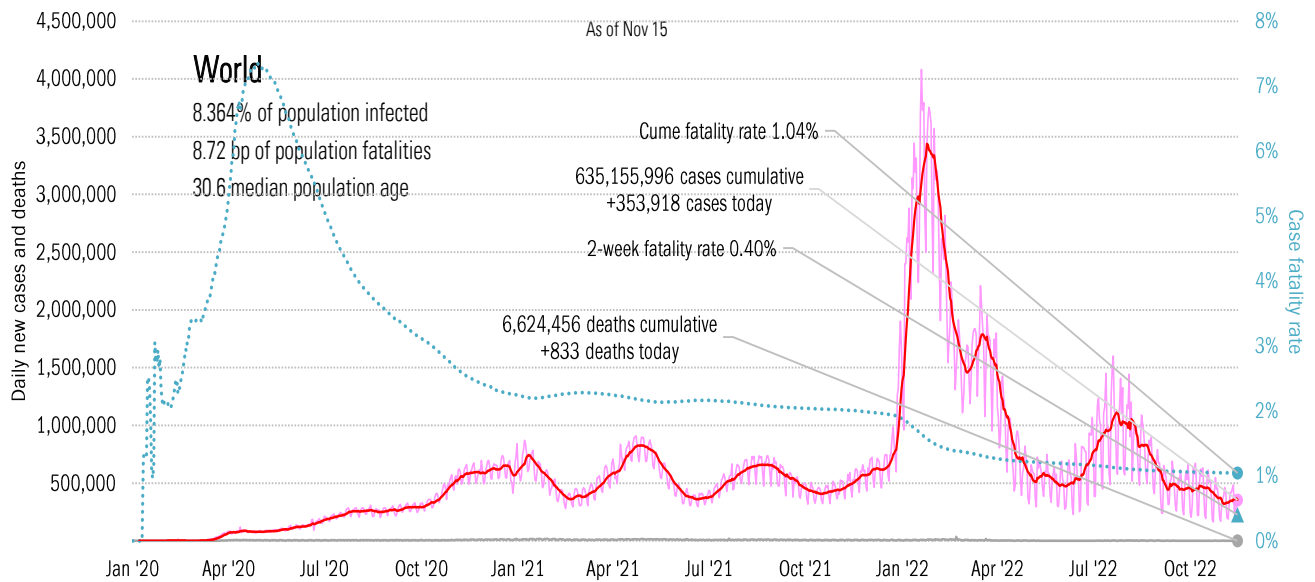
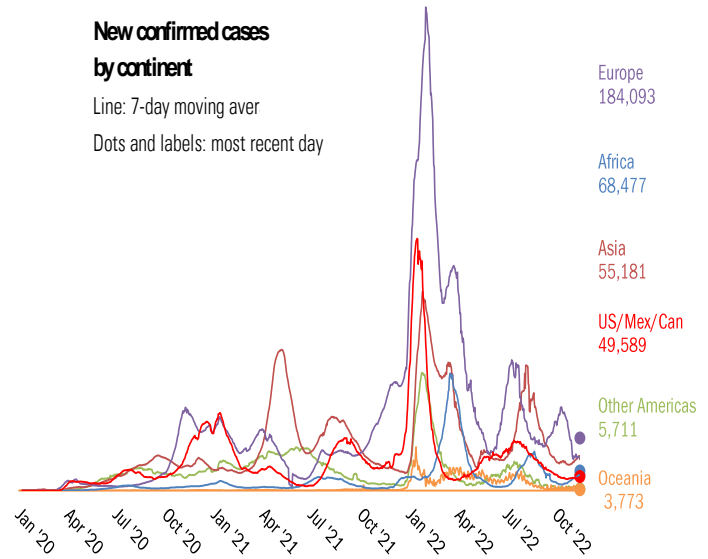
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
Korea, South	66,587	United States	279
Greece	56,194	Germany	223
France	49,588	Greece	136
United States	42,422	Canada	135
Germany	38,610	France	120
Switzerland	20,787	Russia	63
Taiwan*	18,541	Korea, South	47
China	17,595	Taiwan*	43
Indonesia	7,893	Indonesia	41
Canada	4,950	Poland	17
323,167		1,104	
World	353,918	World	833
Top ten	91%	Top ten	133%

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

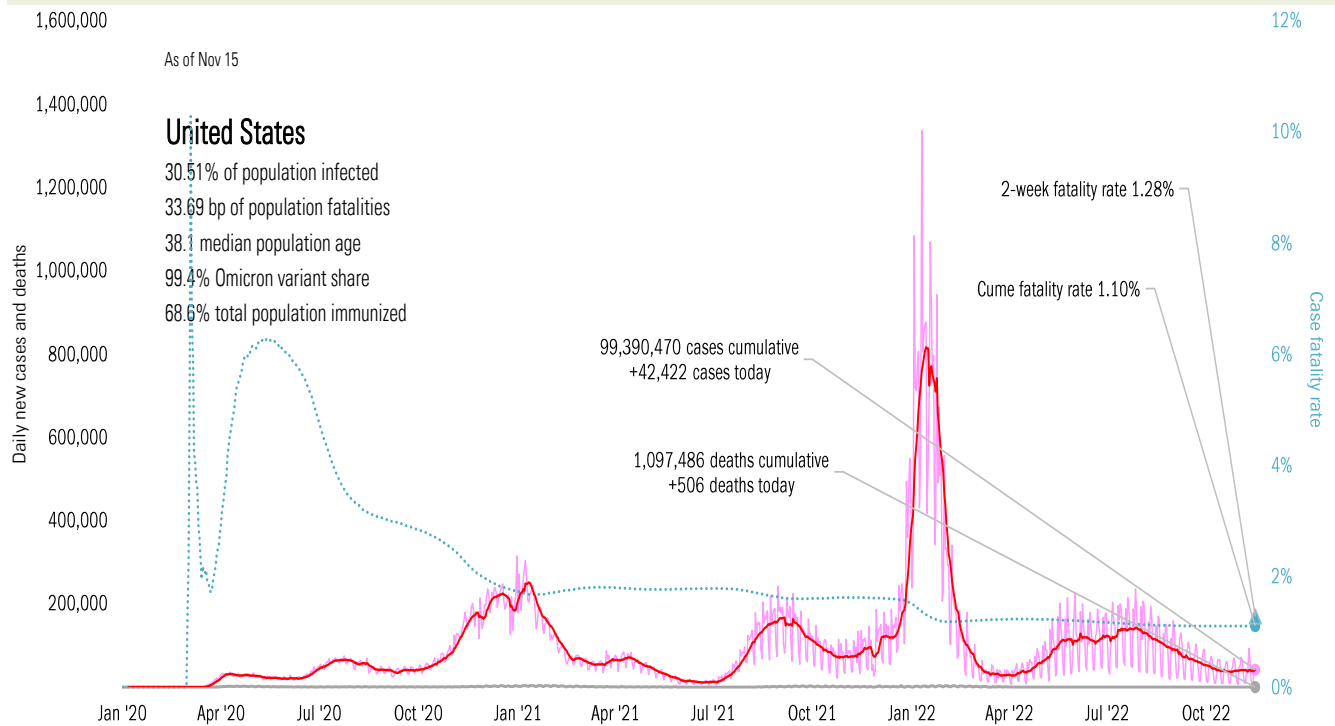
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
NY	3,763		FL	26		NE	24		CA	11,420,361		CA	97,149		TX	563,079		MA	86%	UT	108%
FL	3,308		IL	22		PR	19		FL	8,516,690		TX	91,292		CA	512,444		RI	85%	TX	86%
SC	2,954		PA	22		DE	17		TX	8,065,081		FL	82,719		FL	501,499		MN	83%	AK	85%
VA	2,896		MI	21		NH	20		NY	6,316,683		NY	73,516		NY	315,529		WA	83%	MA	83%
MI	2,143		CO	19		AR	27		IL	3,843,767		PA	47,994		GA	229,001		DC	83%	RI	82%
IL	1,861		GA	15		NV	27		PA	3,330,515		GA	40,803		CH	225,476		MO	82%	NC	81%
NJ	1,803		NJ	15		MT	13		NC	3,255,540		CH	40,257		PA	211,954		NH	82%	NH	81%
PA	1,653		MA	15		NM	32		CH	3,208,165		IL	40,153		IL	193,438		MD	81%	AL	81%
KY	1,611		CT	12		ME	13		GA	2,929,434		MI	39,697		MI	168,656		AK	81%	NM	80%
CA	1,569		NY	11		RI	8		MI	2,920,679		NJ	35,003		KY	147,279		DE	81%	GA	80%
23,562			177			200			53,806,915			588,583			3,058,355						
All states 42,422			279			3,016			All states 99,390,470			1,097,486			5,554,634			All states 70%		67%	
Top ten 56%			64%			7%			Top ten 54%			55%			55%			Median 76%		74%	

Some states not reporting

Five most improved US states

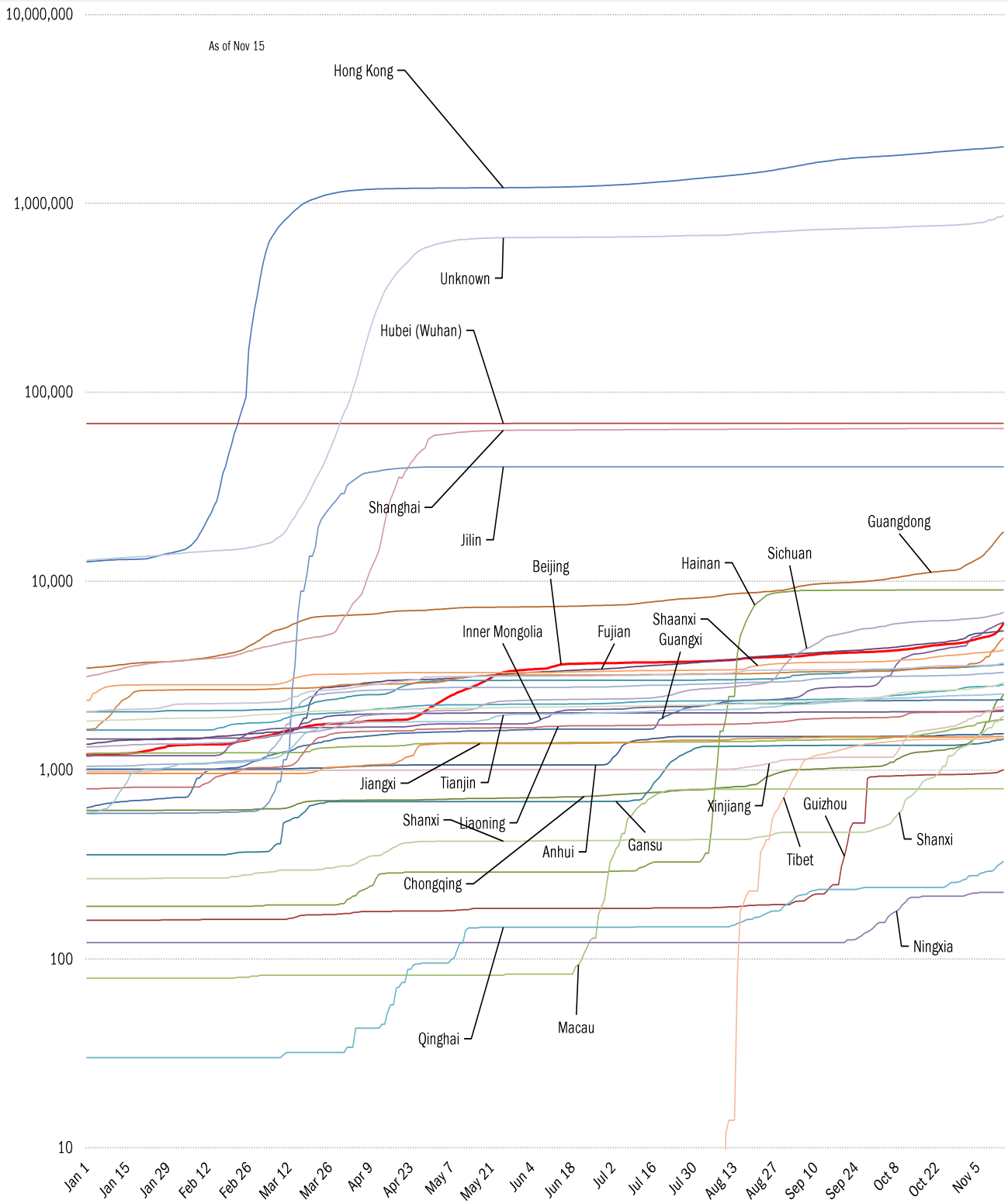
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
WV	-455	DE	-26	CA	-111
IL	-325	CA	-25	KY	-66
NH	-84	TX	-11	GA	-63
WI	-72	WI	-5	PA	-63
NJ	-12	NH	-1	MD	-56



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

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

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

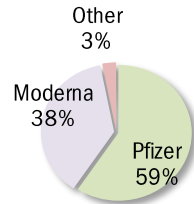


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	662,681,441		+0.815 million		US	68.5%	80.2%
			Of which boosters: +0.815 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	France	78.3%	80.5%
Total population	275,346,421	82%	234,555,714	70%	Spain	85.5%	86.9%
Age 12 to 17	18,347,933	73%	15,688,853	62%	Germany	76.2%	77.7%
Age 18 to 64	183,281,042	90%	155,734,230	77%	Italy	81.3%	86.1%
Age 65 and over	60,724,196	100%	53,130,217	97%	Australia	83.2%	85.7%
					Israel	65.2%	71.1%
					Canada	82.3%	88.3%
					Japan	83.1%	84.2%
					Africa	24.8%	31.0%
					India	67.1%	72.5%
					Brazil	80.0%	87.0%
					China	89.2%	91.4%



AK	72.3%
	64.7%

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

"Immunity" = two doses

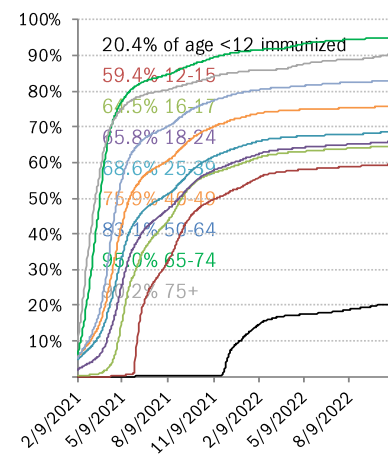
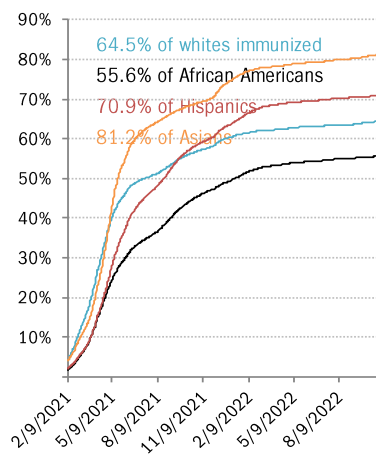
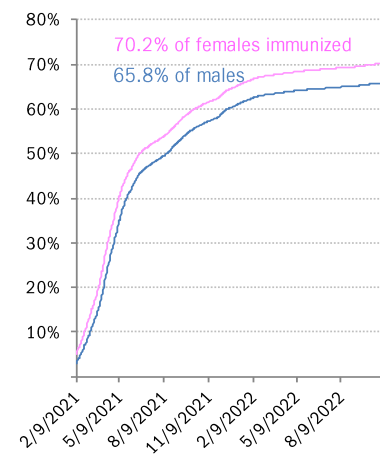
Best
Middle
Worst

Global data differs due to sources, timing

As of Nov 11

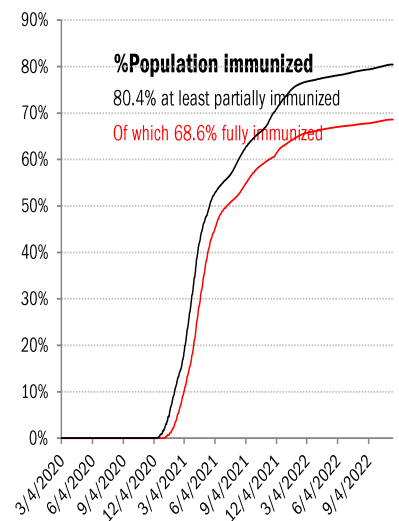
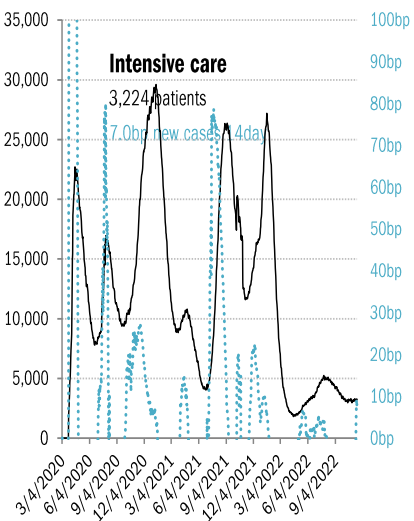
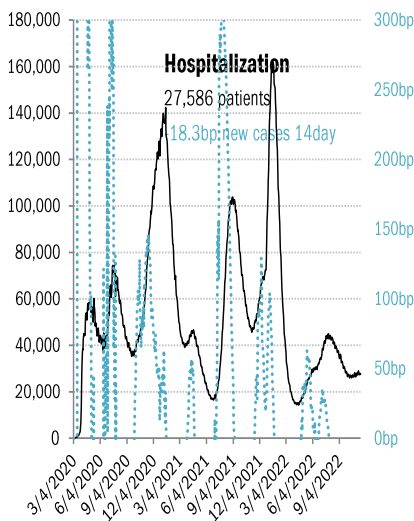
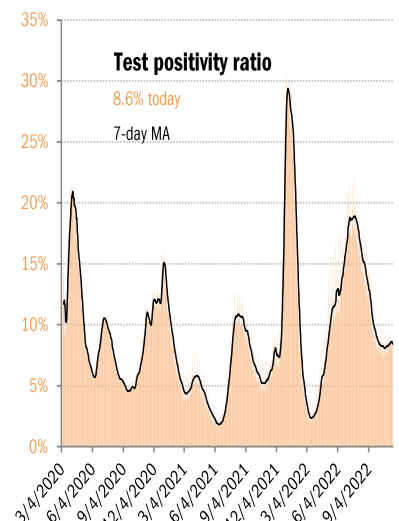
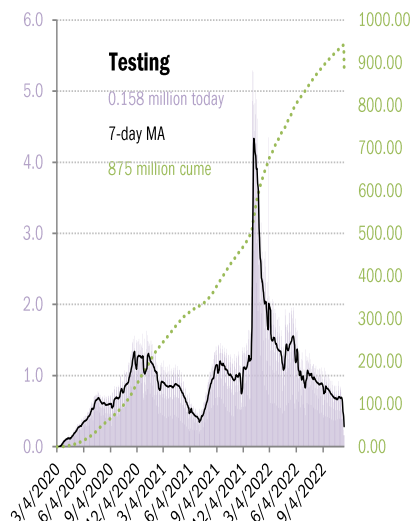
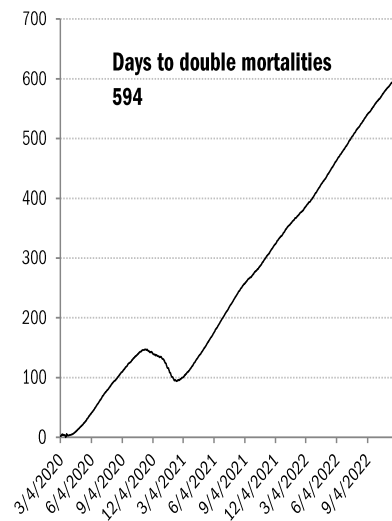
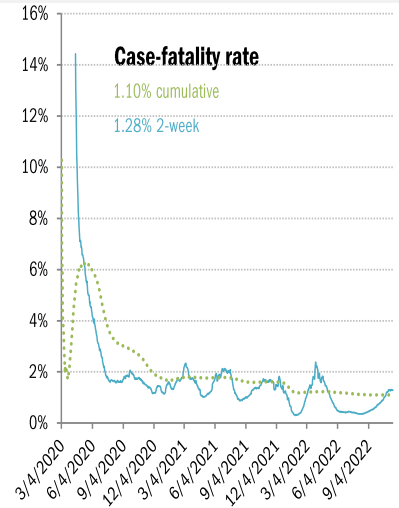
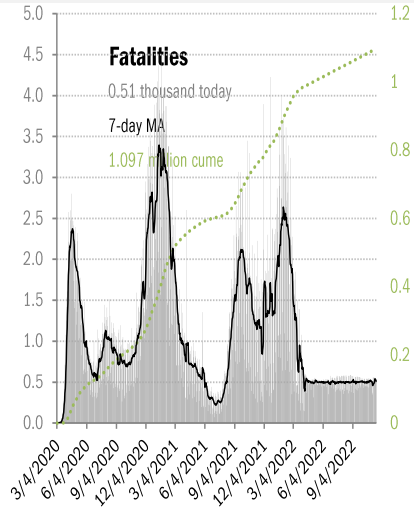
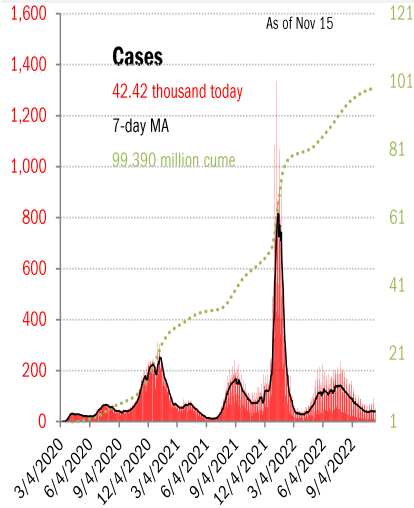
					WI							ME
					74.3%							95.0%
					67.6%							82.4%
WA	ID	MT	ND	MN	IL	MI			NY	VT		NH
84.2%	63.3%	67.5%	68.5%	77.9%	78.5%	68.9%			93.4%	95.0%		86.2%
75.2%	56.0%	58.6%	57.9%	71.4%	70.7%	61.9%			79.8%	84.4%		70.5%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA		
80.5%	78.0%	60.3%	82.3%	70.0%	63.8%	65.2%	89.2%		93.6%	95.0%		
71.6%	62.9%	52.6%	65.3%	63.8%	57.3%	60.0%	72.1%		78.3%	82.9%		
CA	UT	CO	NE	MO	KY	WV	VA		MD	CT		RI
85.5%	74.5%	82.7%	72.6%	68.6%	68.2%	67.0%	89.6%		90.5%	95.0%		95.0%
74.4%	66.1%	72.8%	65.6%	58.3%	59.1%	59.3%	75.7%		78.8%	82.2%		86.7%
	AZ	NM	KS	AR	TN	NC	SC		DC	DE		
	76.3%	92.7%	75.3%	69.1%	64.0%	90.3%	70.3%		95.0%	86.6%		
	65.4%	74.2%	64.5%	56.3%	56.0%	65.8%	59.3%		83.6%	72.0%		
			OK	LA	MS	AL	GA					
			73.8%	62.5%	61.3%	64.4%	67.6%					
			59.8%	54.8%	53.4%	52.6%	56.7%					
			TX						FL			PR
			75.5%						81.7%			95.0%
			62.7%						68.9%			86.4%

The demographics of US vaccination

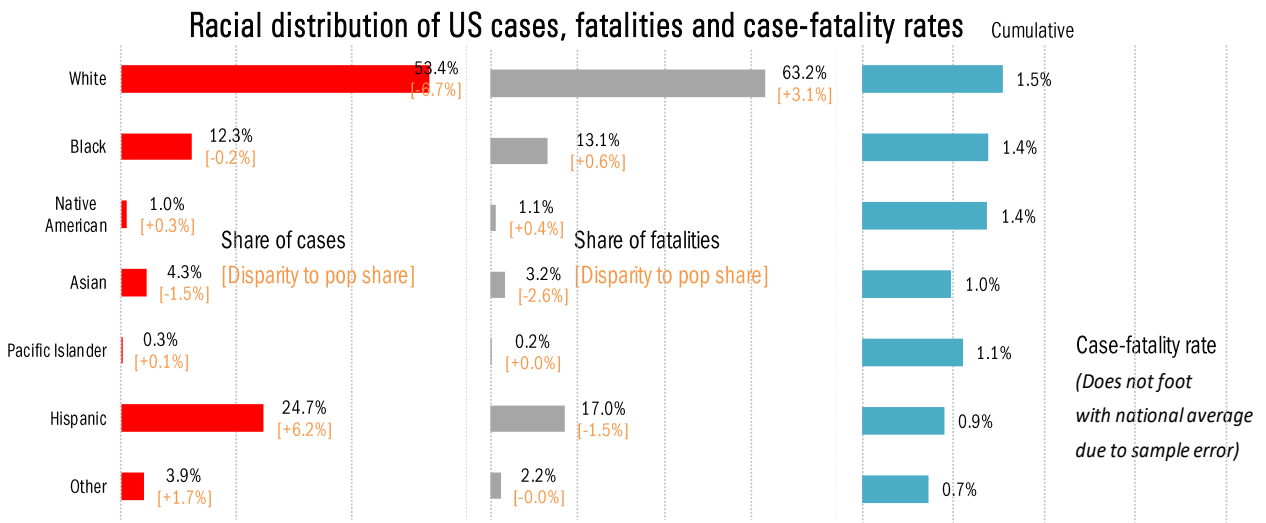
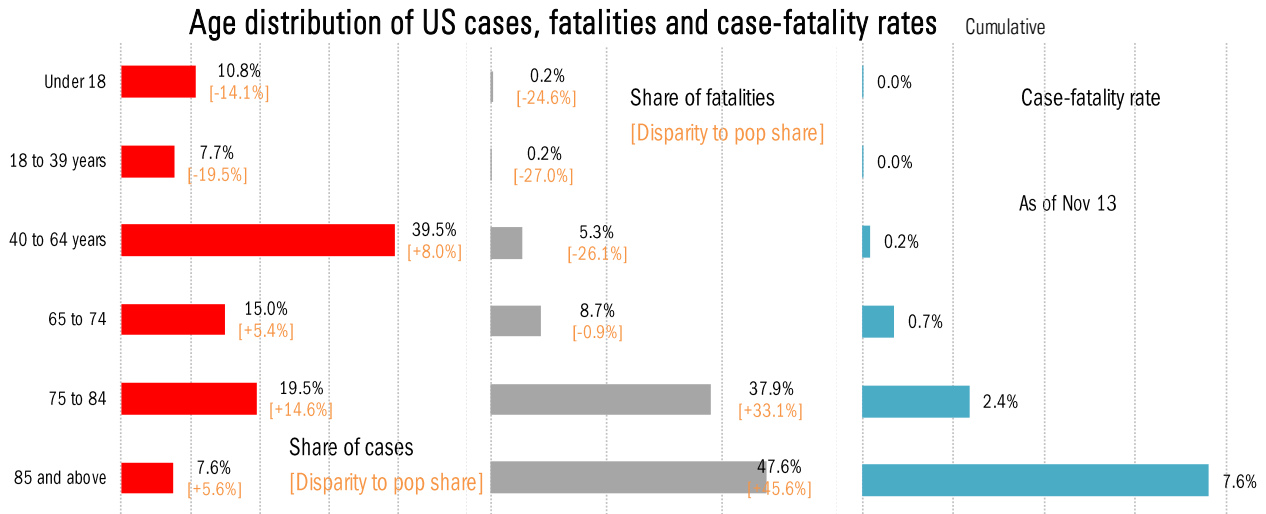


Source: CDC, CDC, Our World in Data, TrendMacro calculations

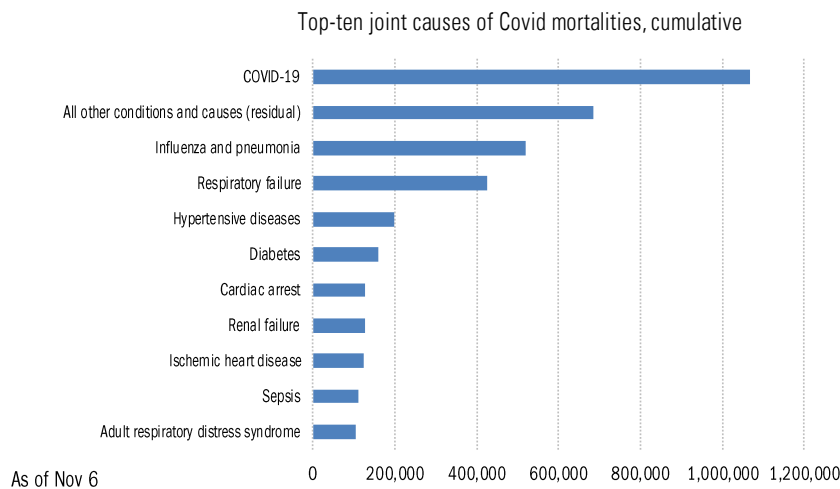
US deep-dive



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

[Controversial Title 42 border policy vacated by federal judge](#)

Aleaziz, Cindy Carcamo
Los Angeles Times
November 15, 2022

[California Reports Spending \\$192 Million On COVID Graphic Design](#)

Unleash Prosperity Hotline
November 15, 2022

[The incredible disappointment of Elon Musk's first weeks owning Twitter \(PART TWO\)](#)

Alex Berenson
Unreported Truths
November 15, 2022

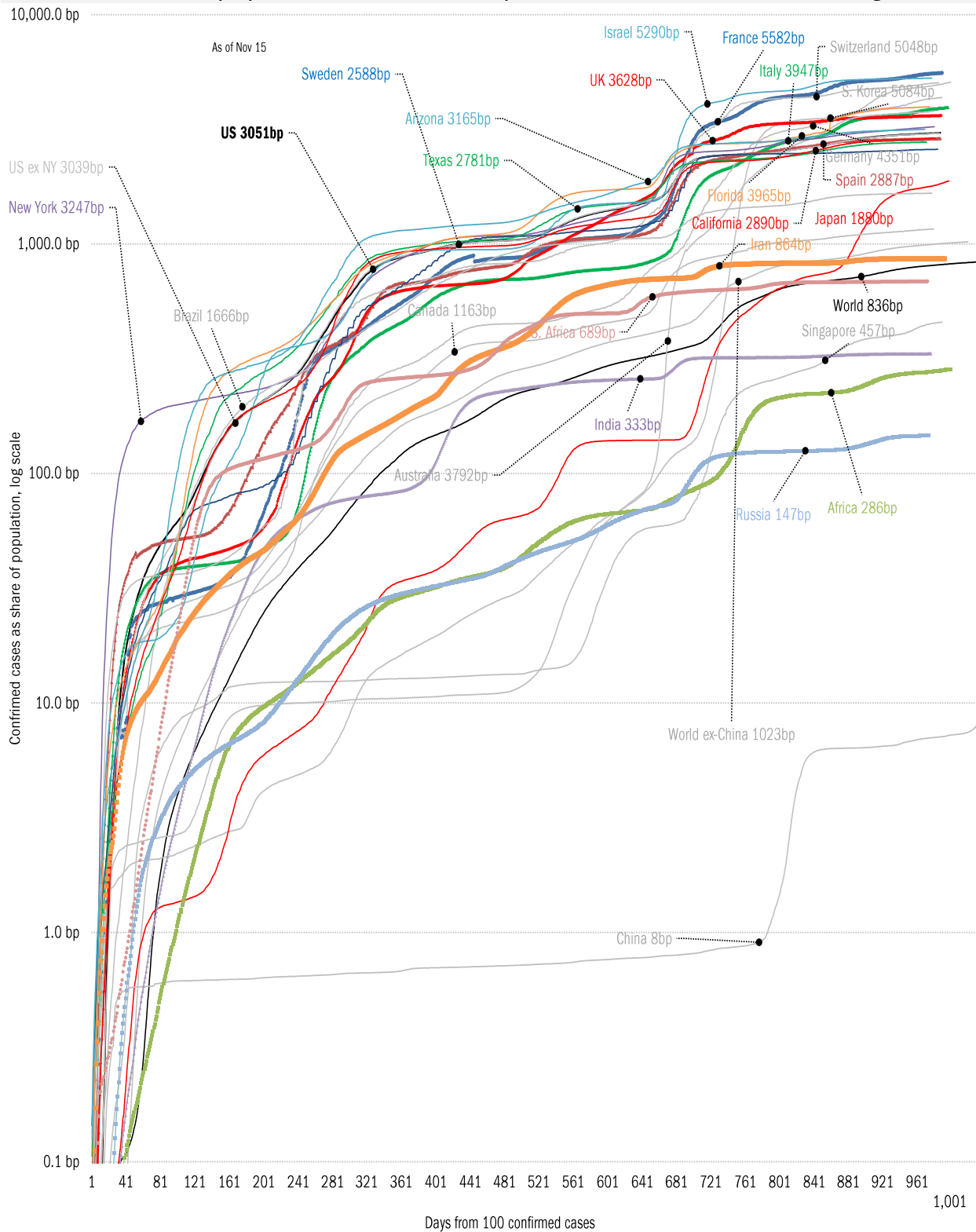
Meme of the day



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

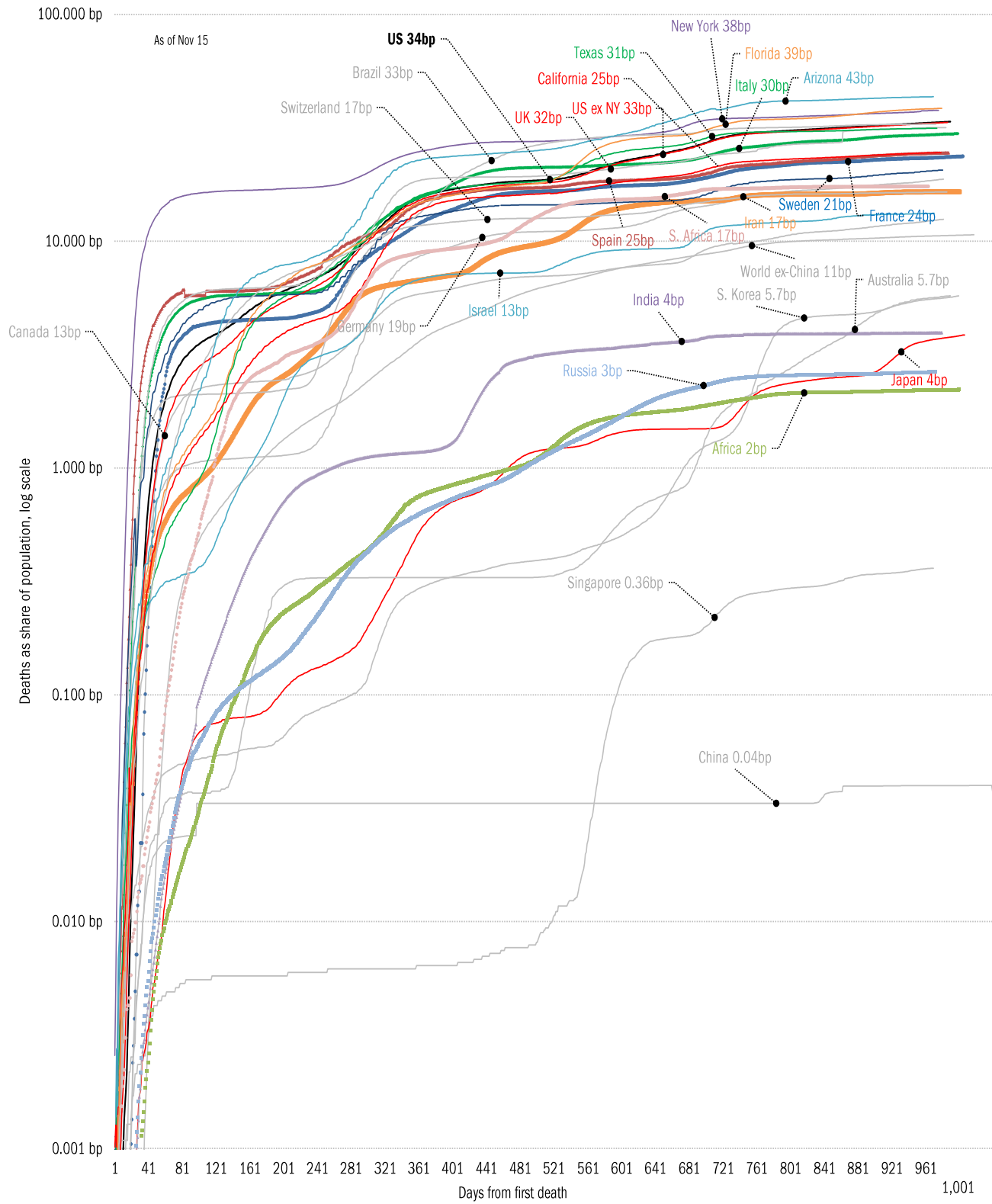
The global coronavirus case accelerometer... tracking the world's infection curves

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

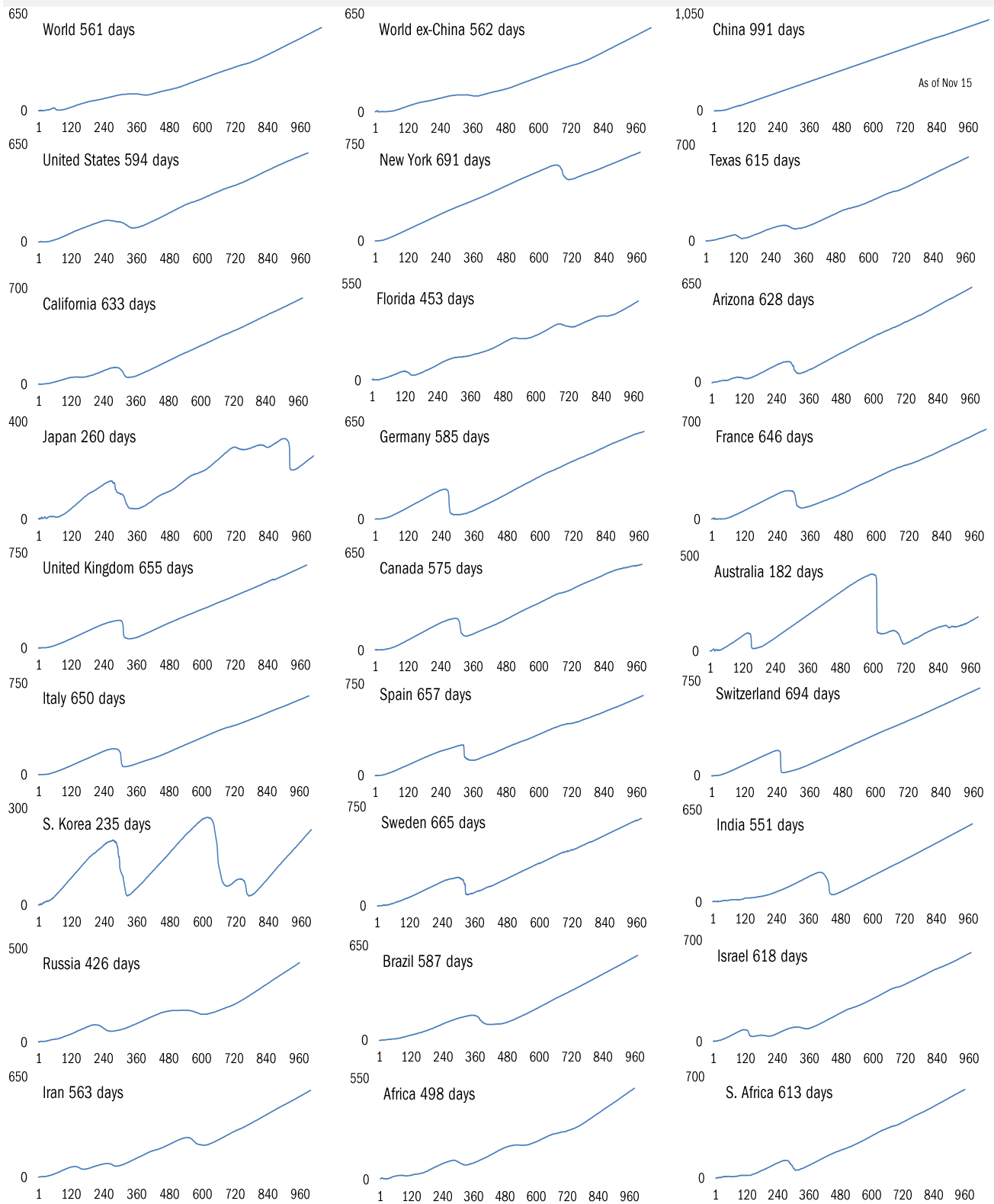


Source: [Johns Hopkins](#), TrendMacro calculations

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

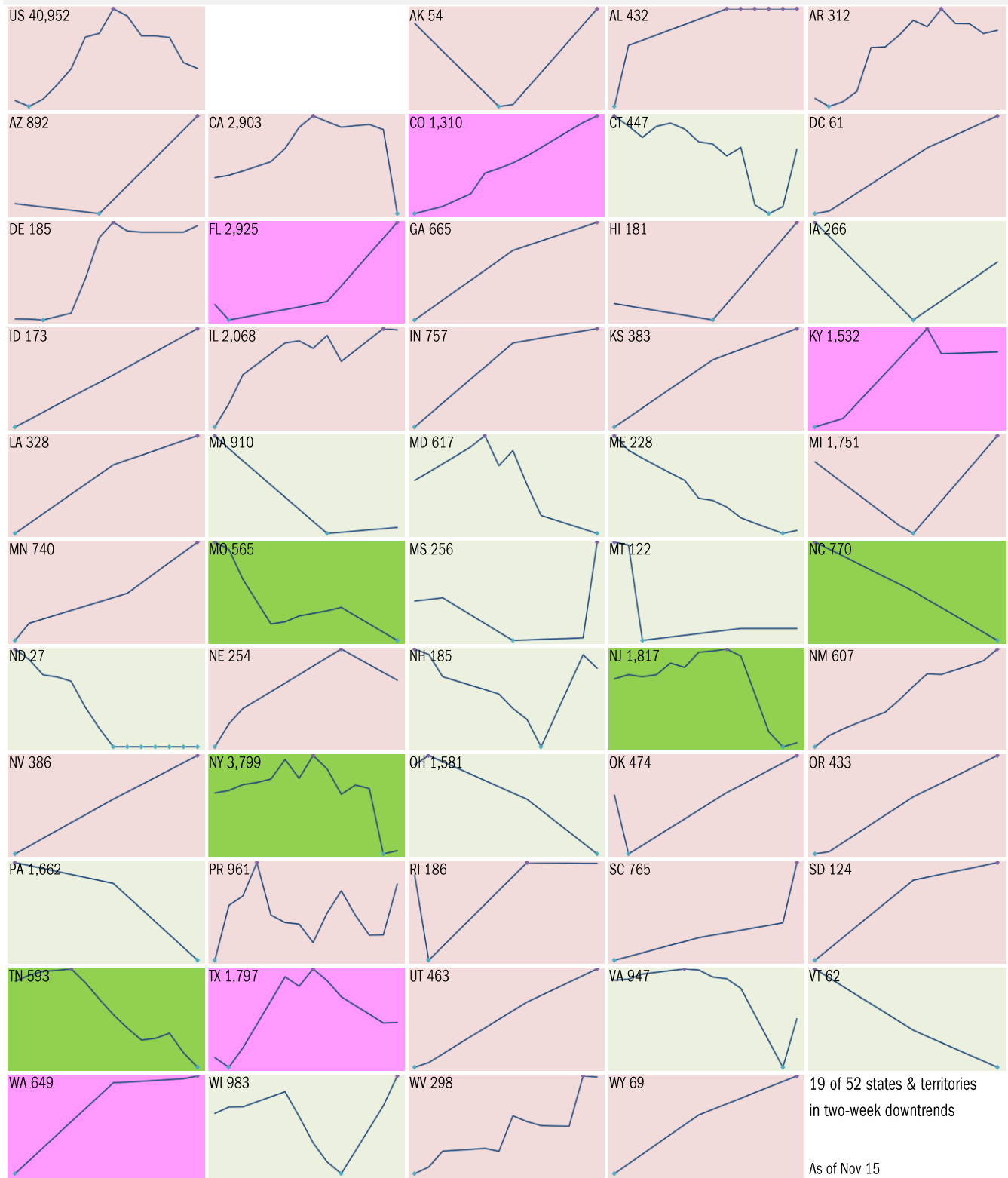


Source: [Johns Hopkins](#), TrendMacro calculations

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

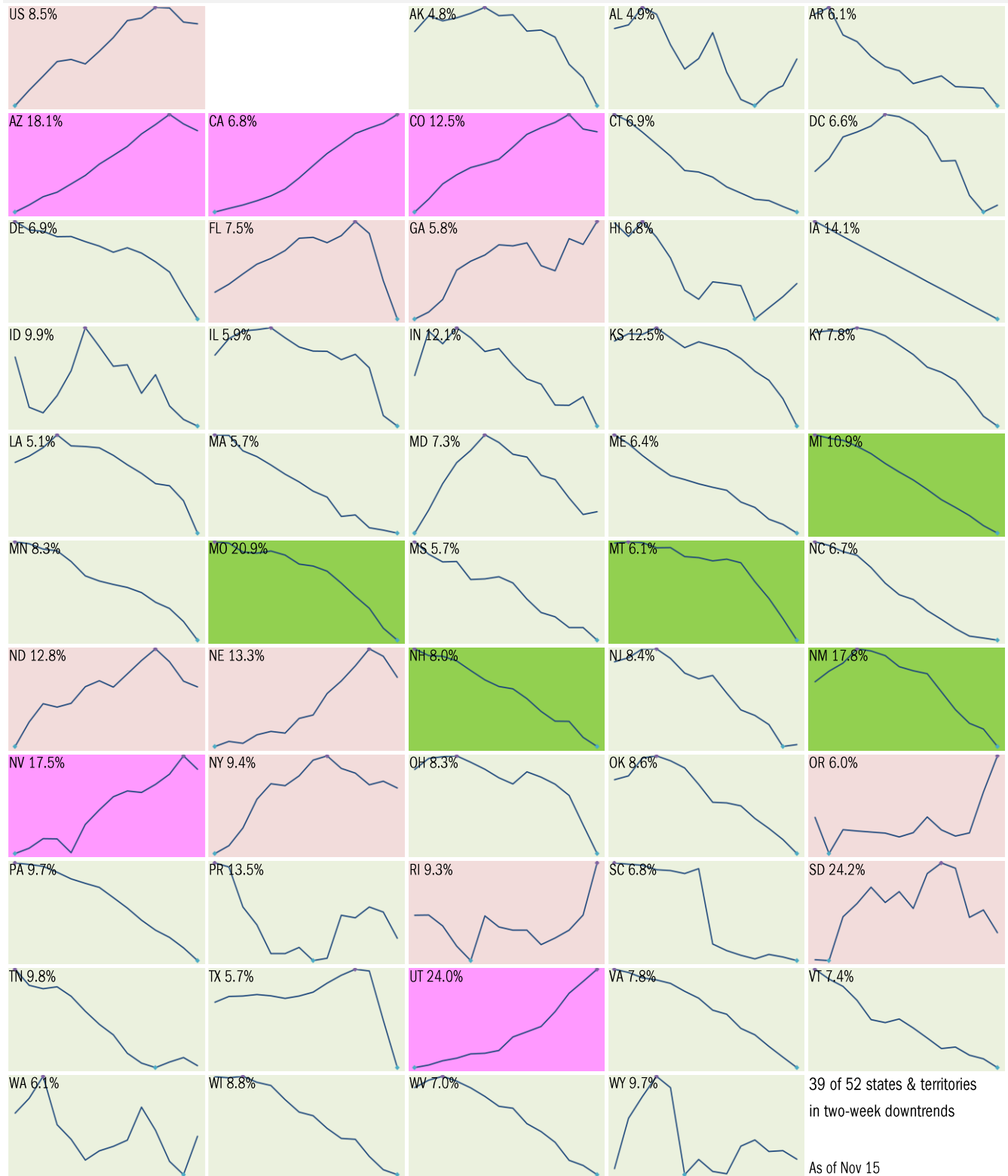


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

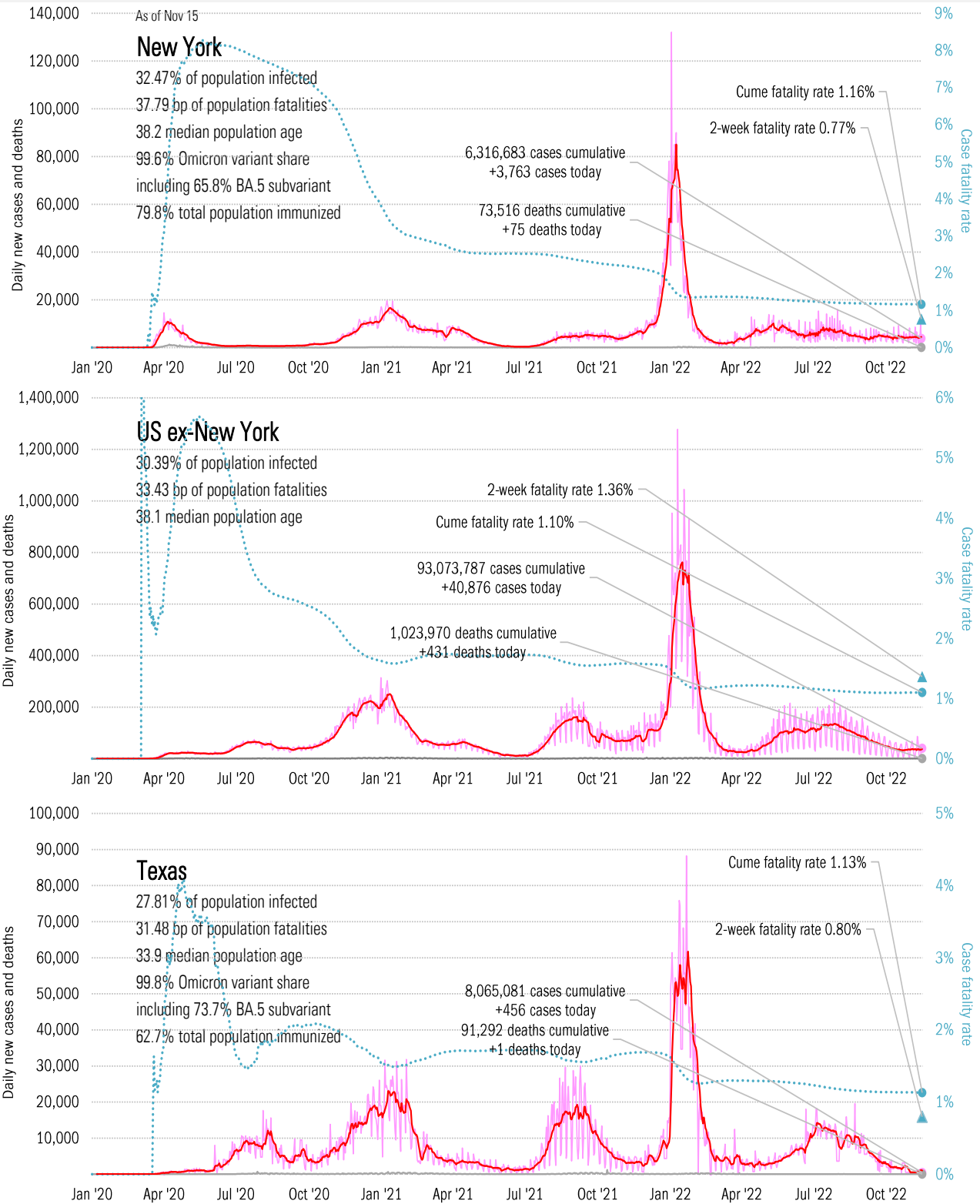
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

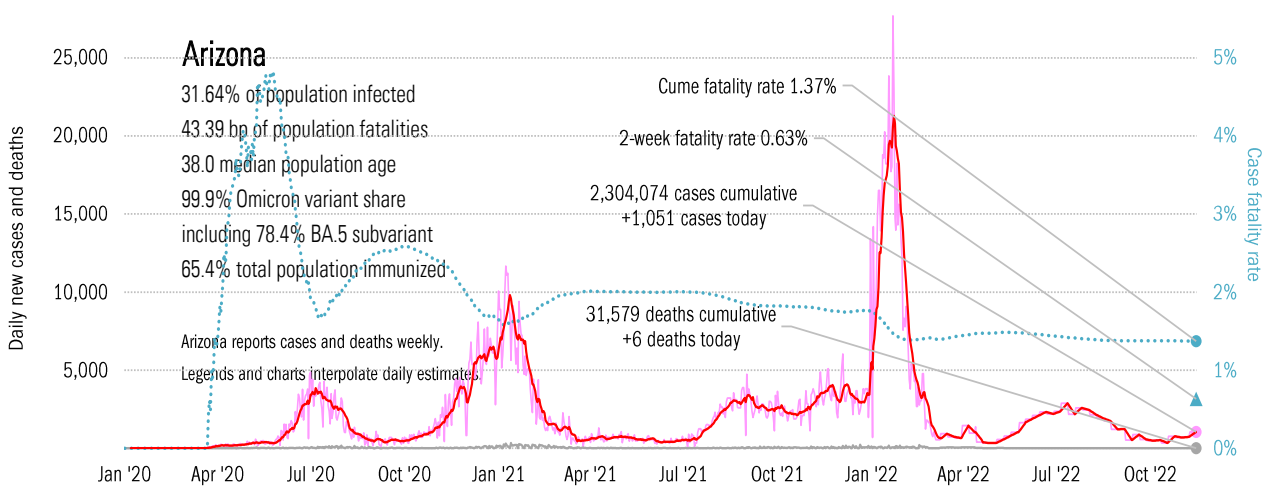
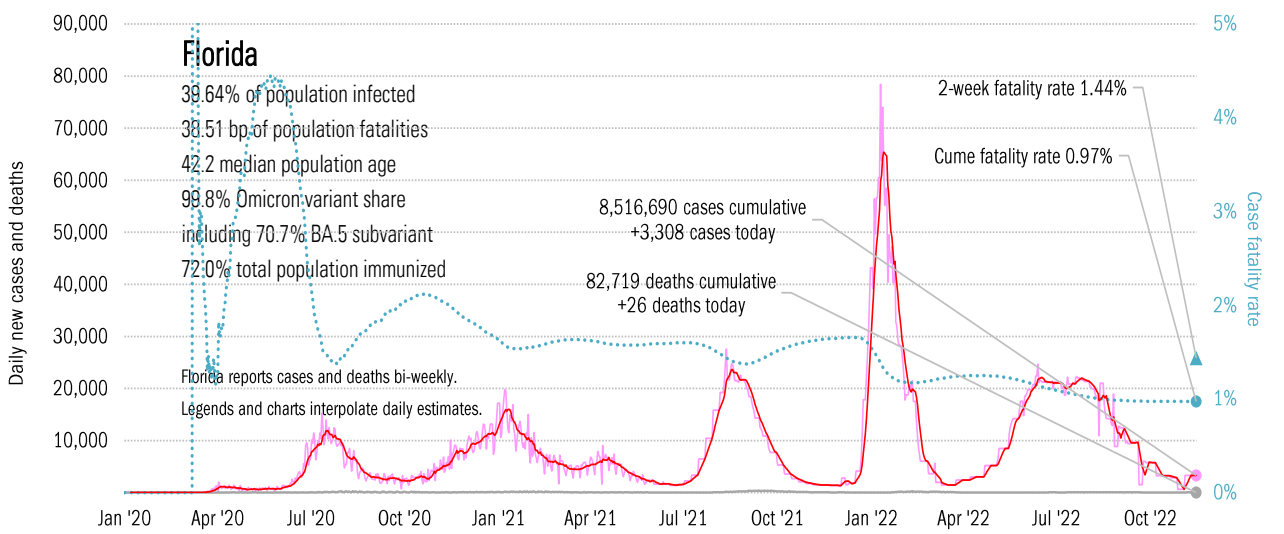
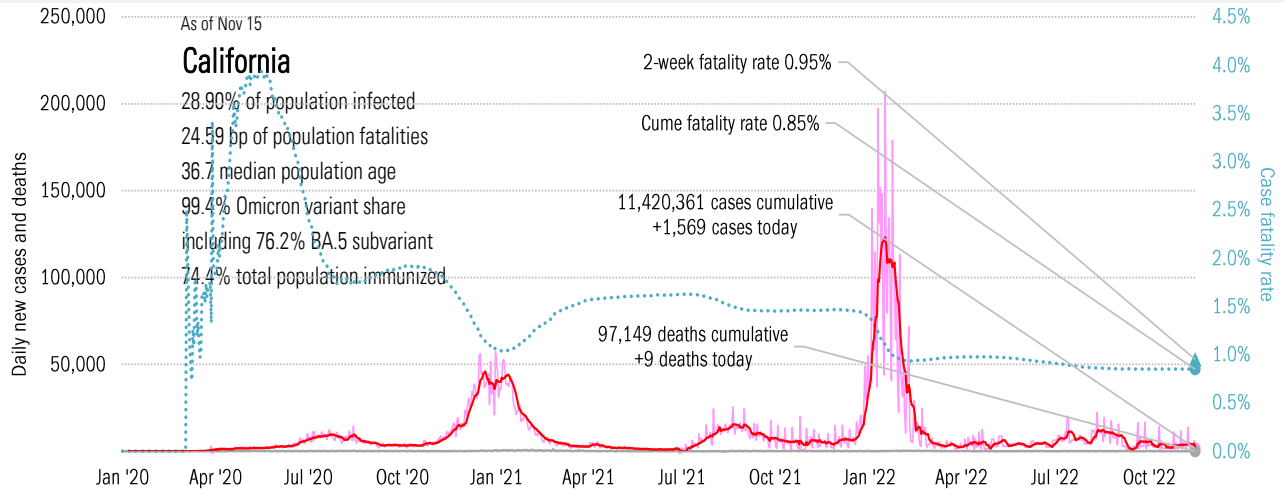
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

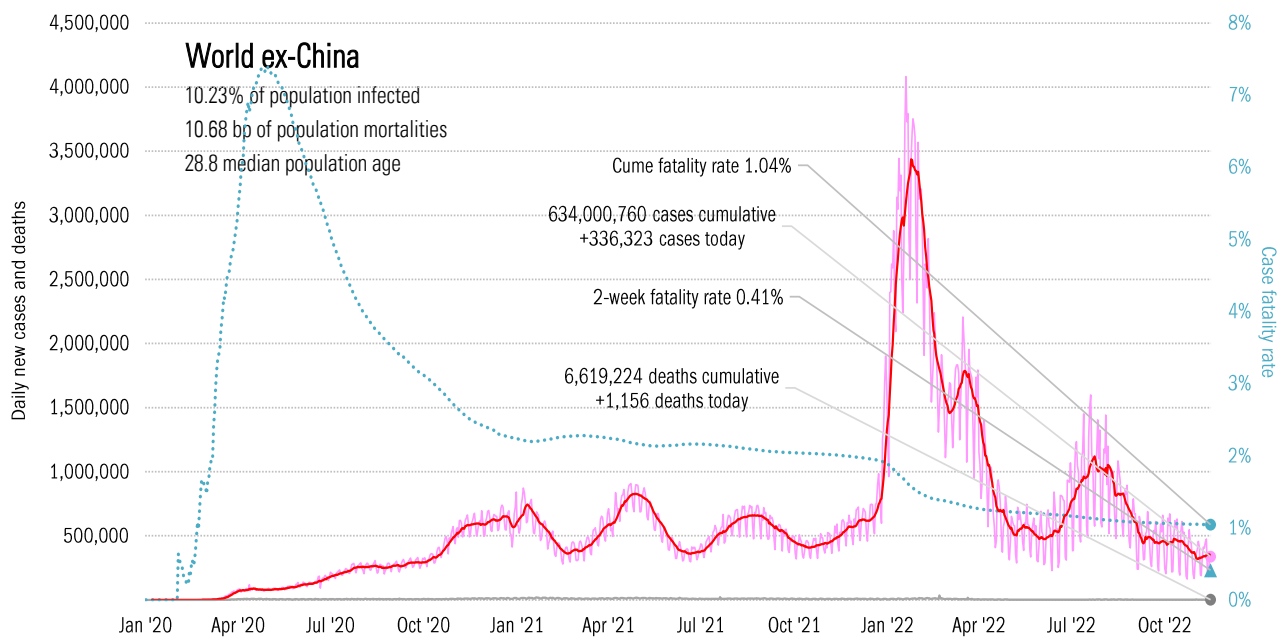
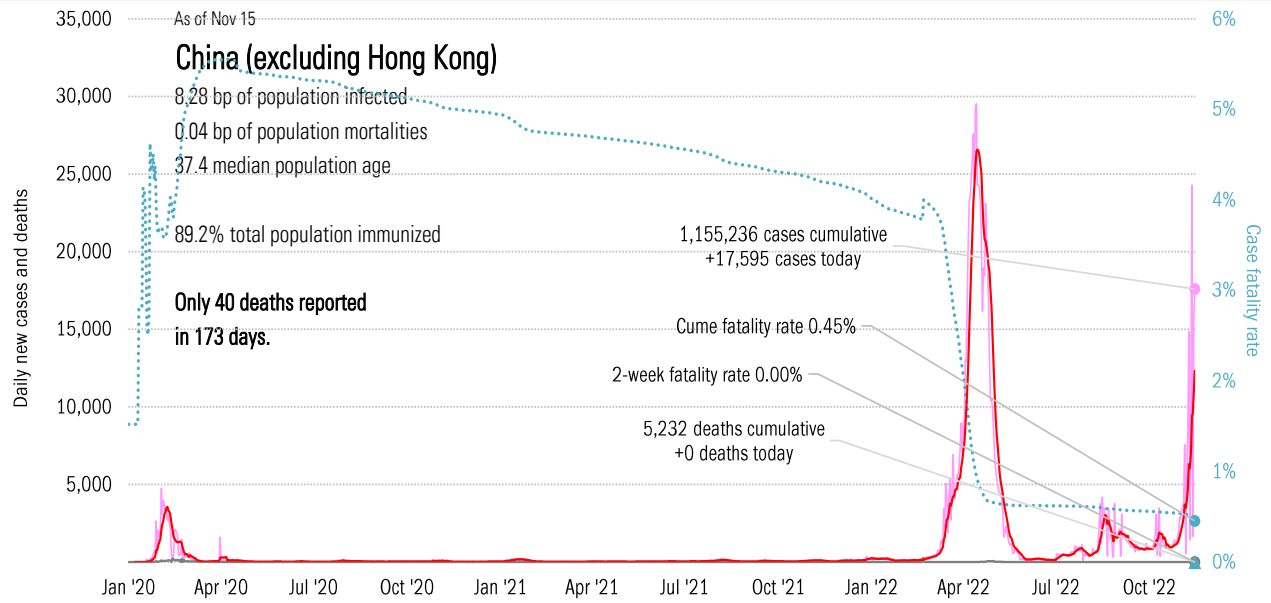
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

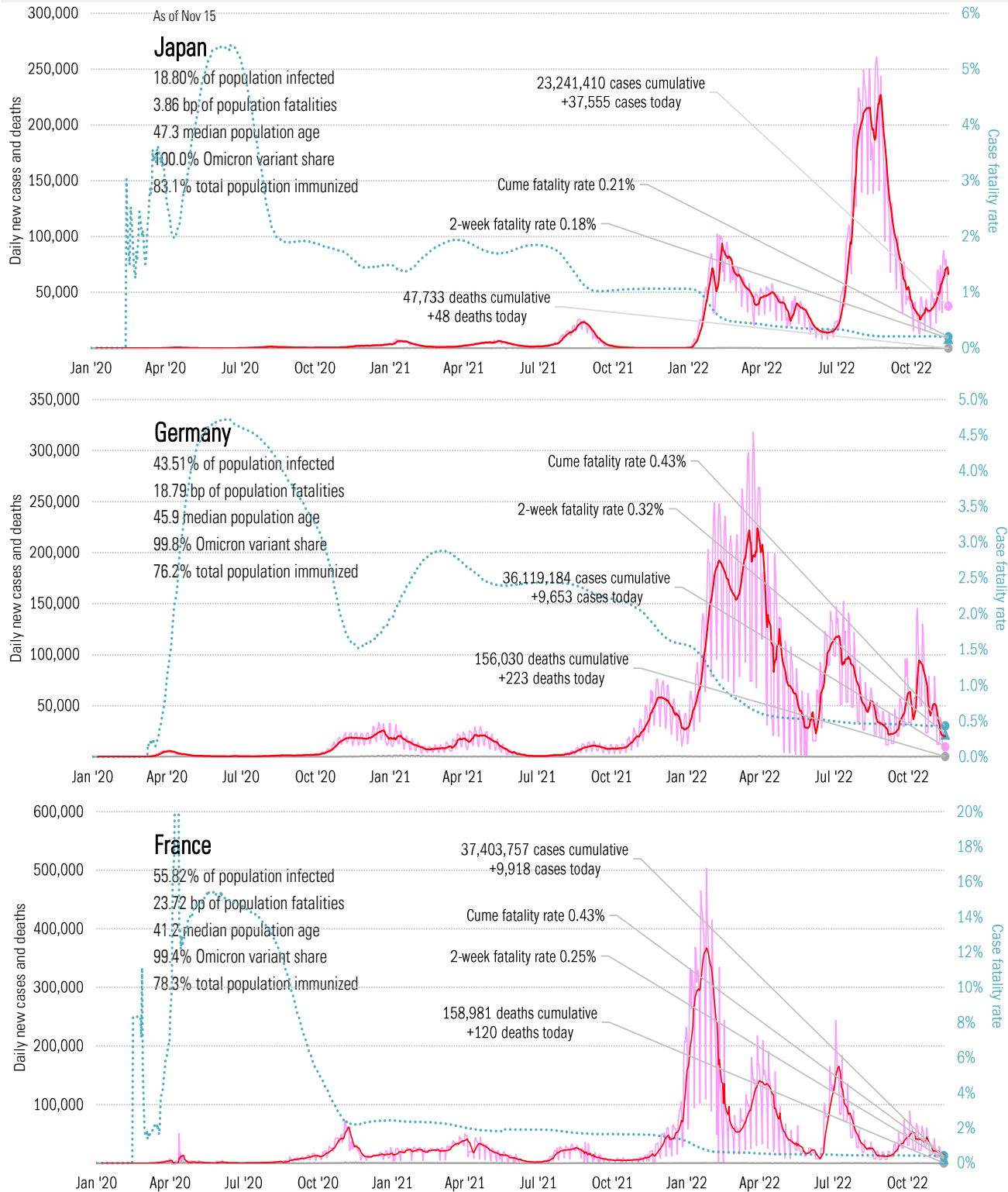
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

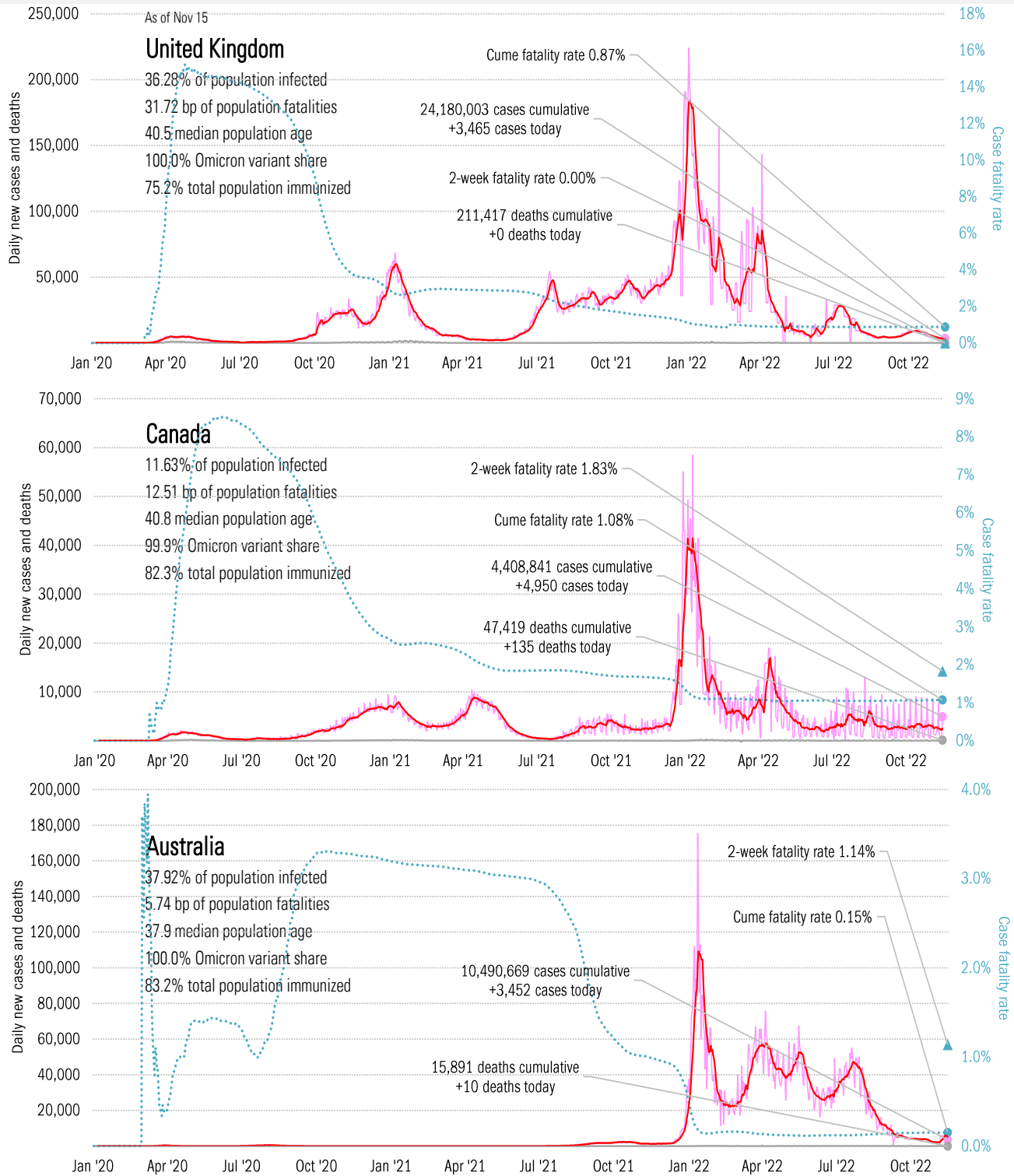
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

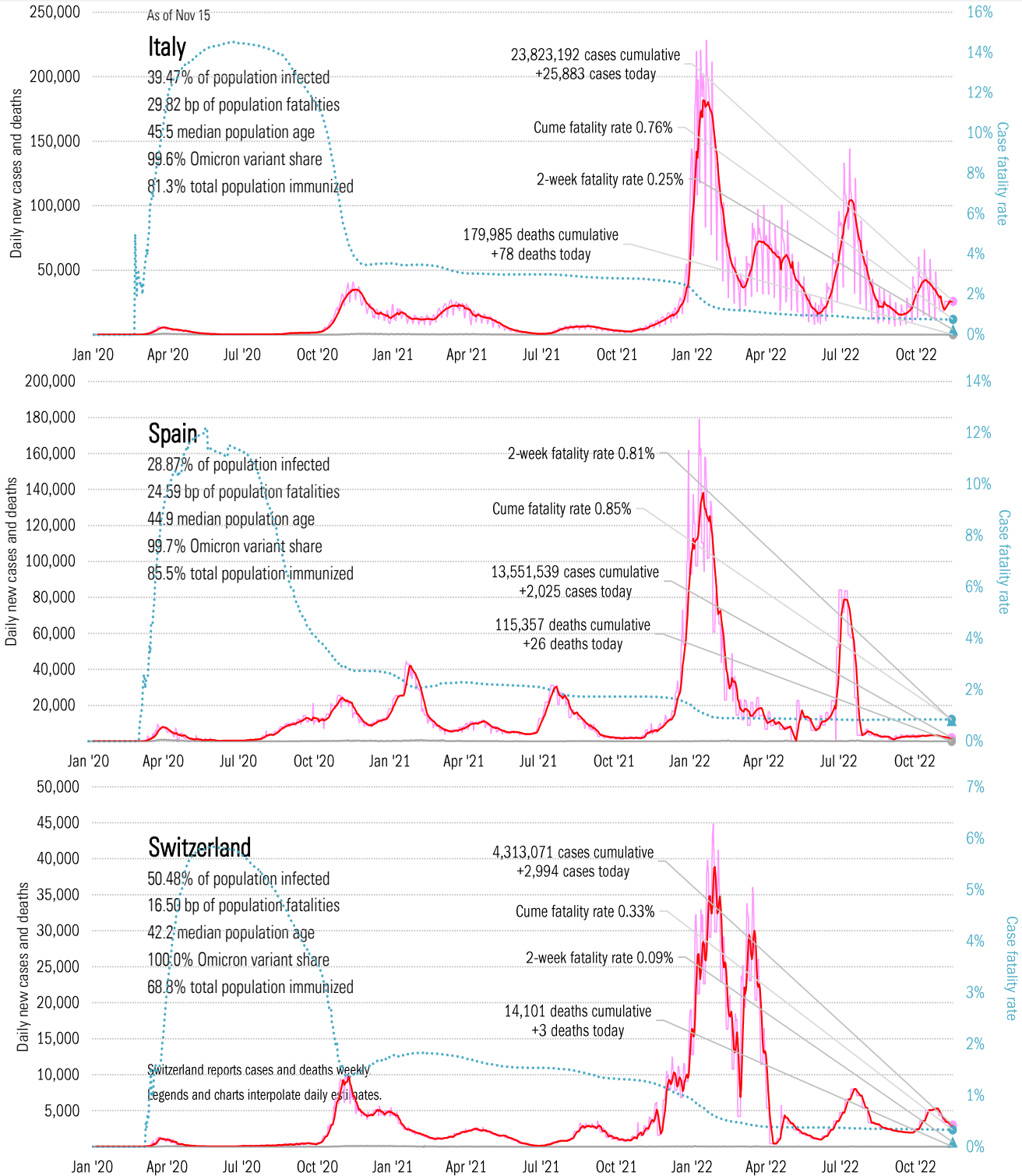
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

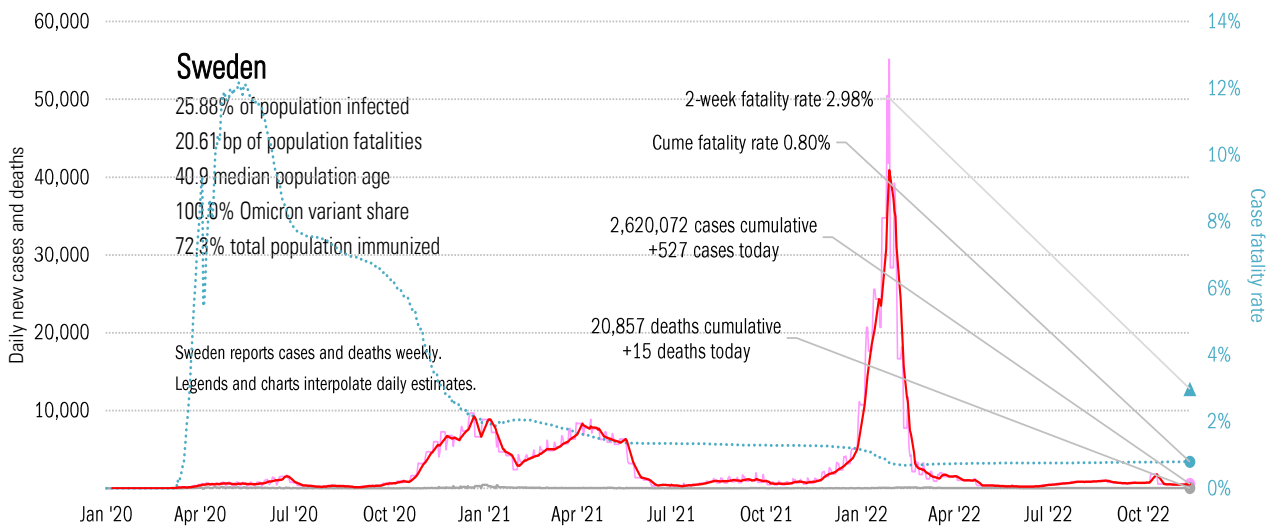
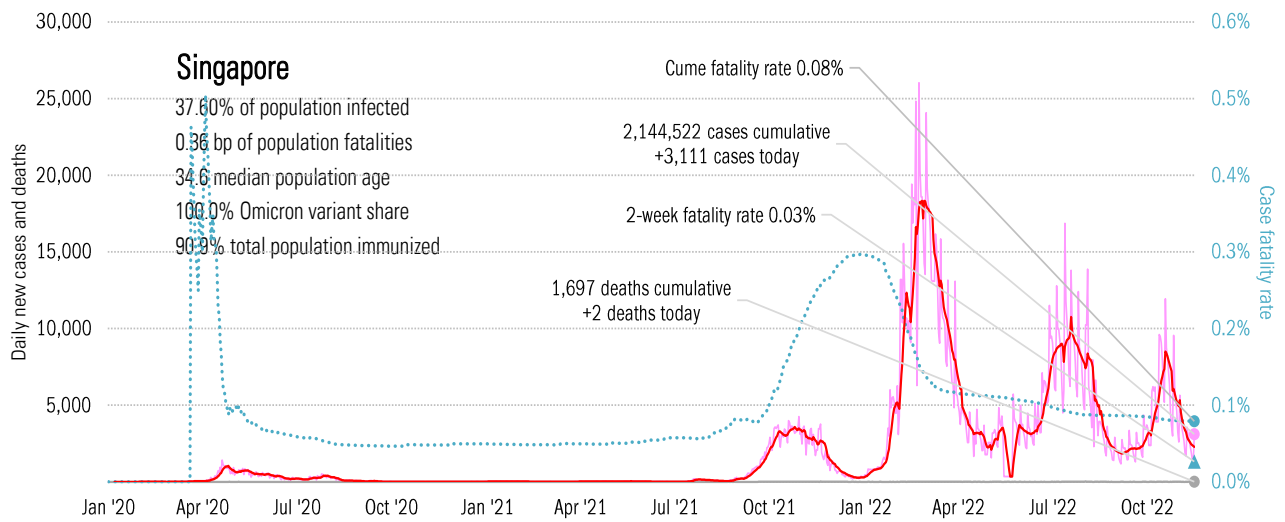
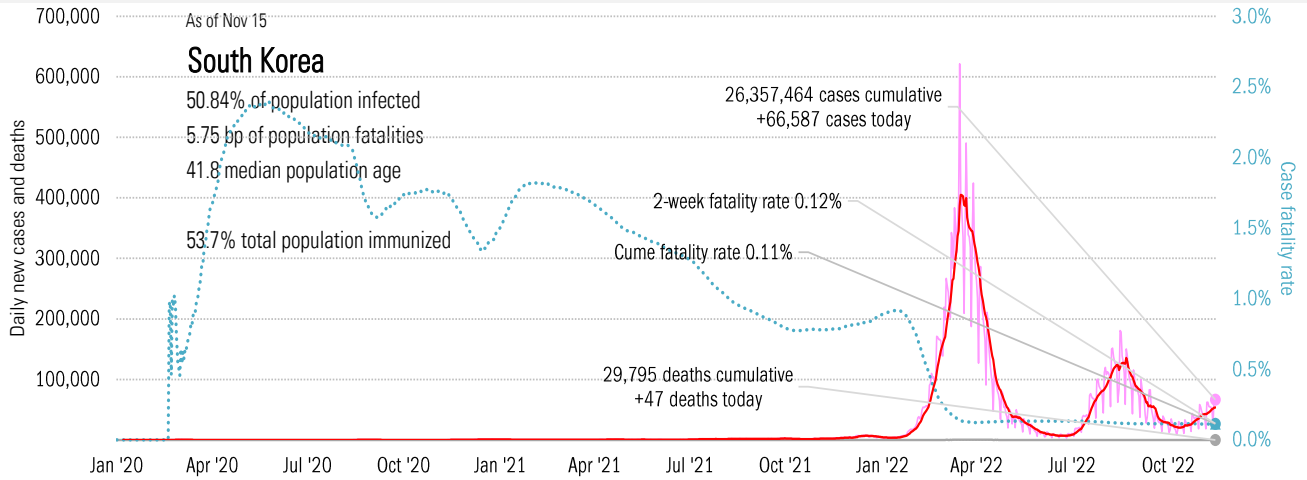
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

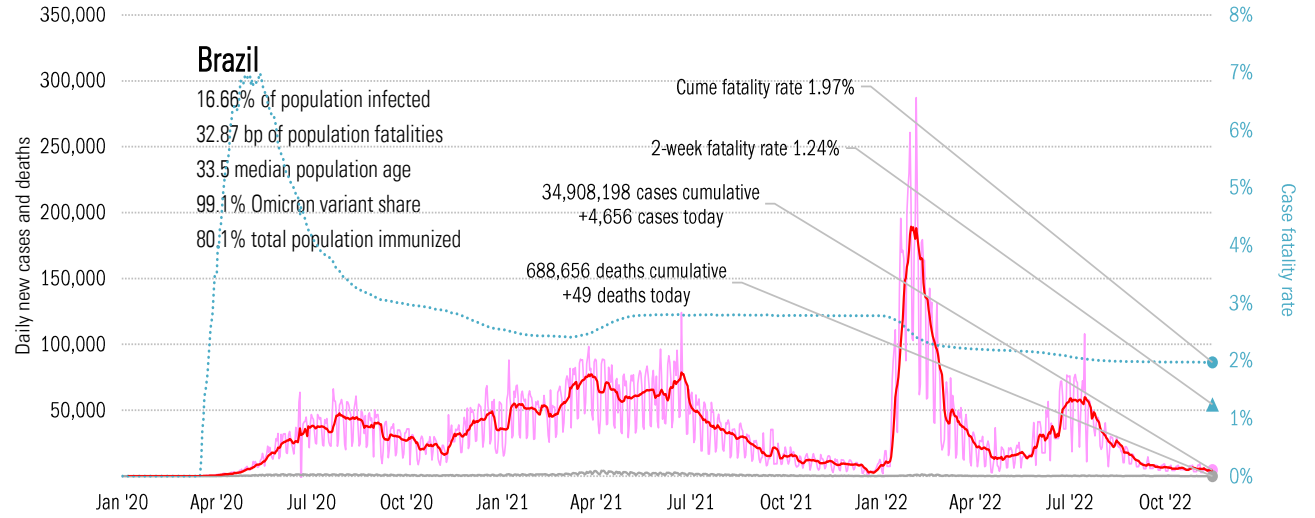
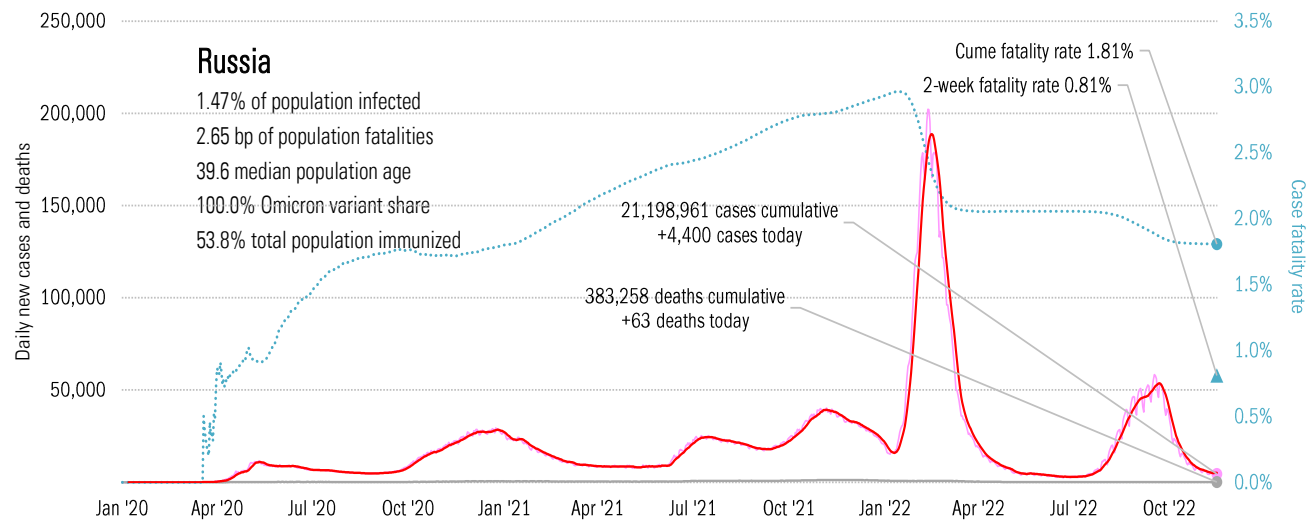
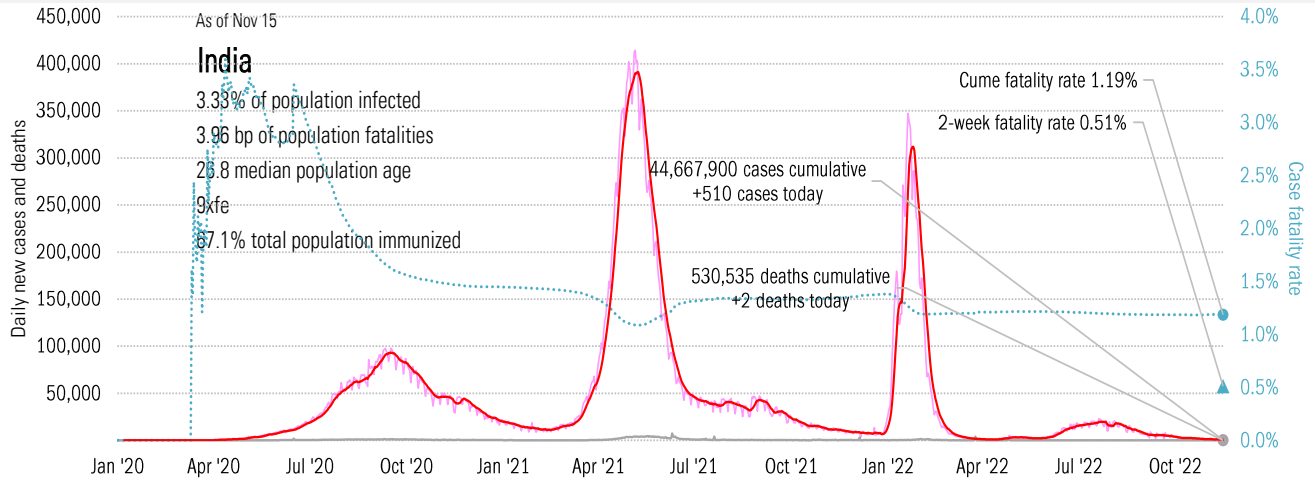
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

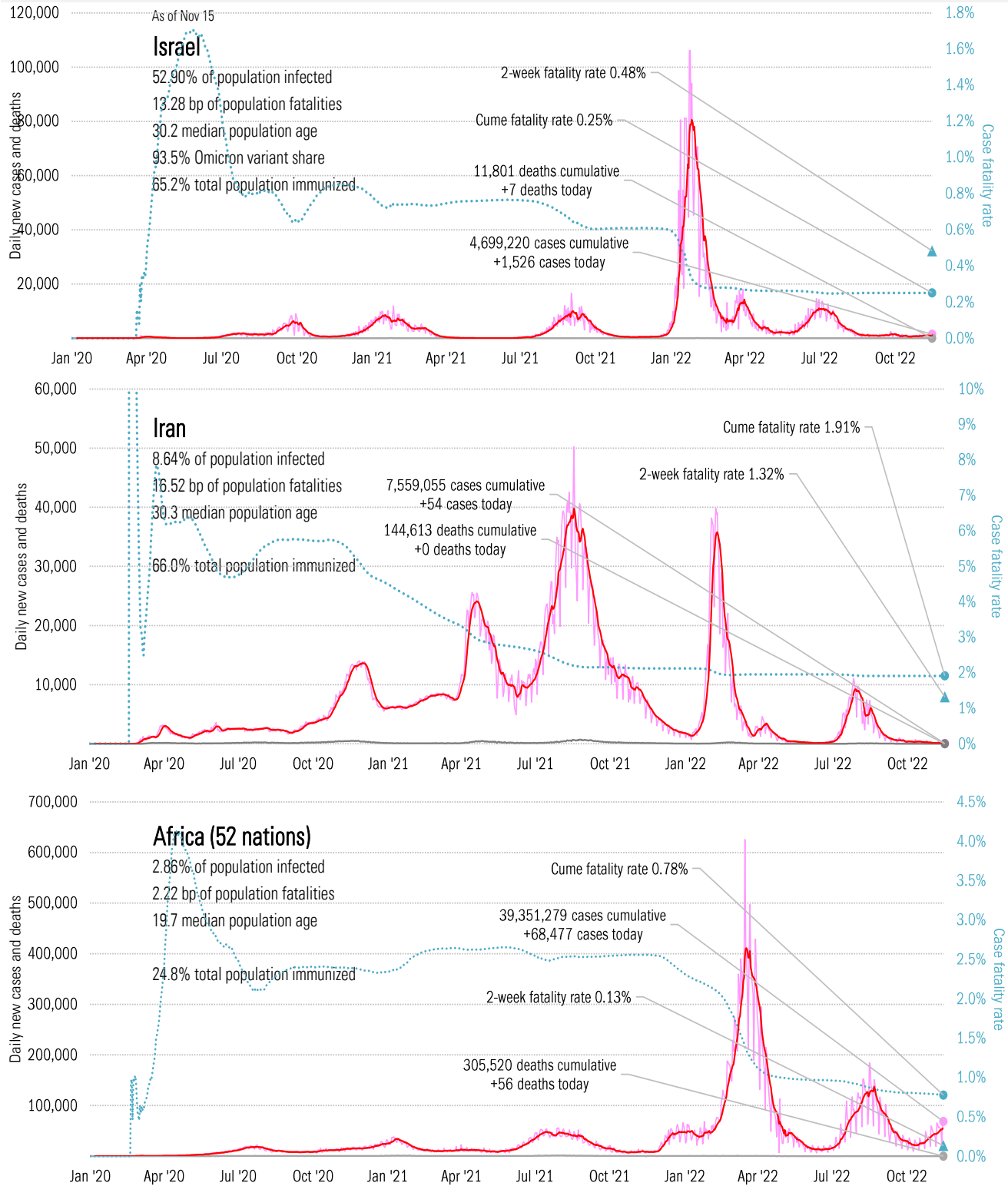
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

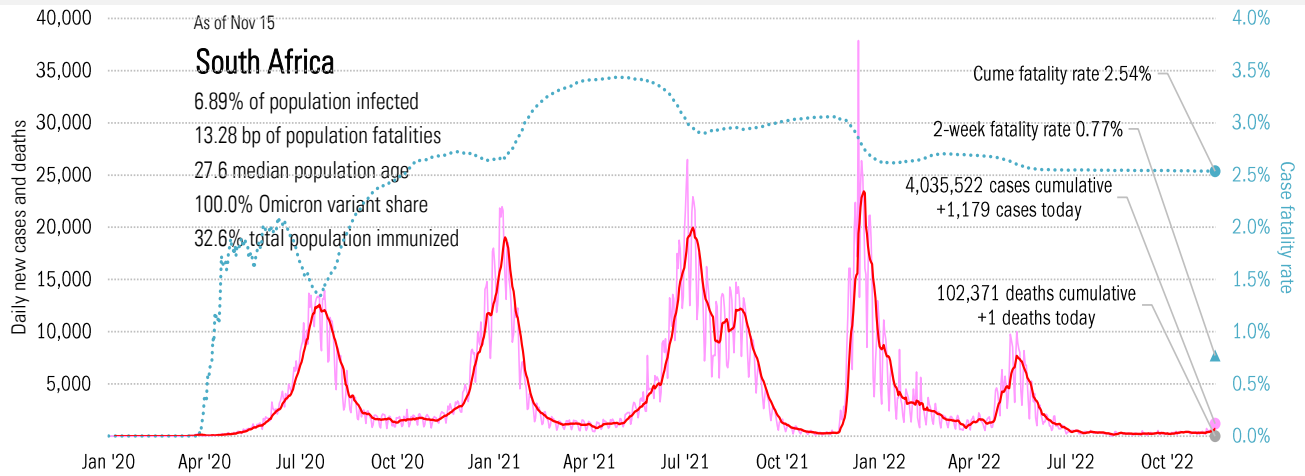
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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