

Data Insights: Covid-2019 Monitor

Sunday, November 20, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

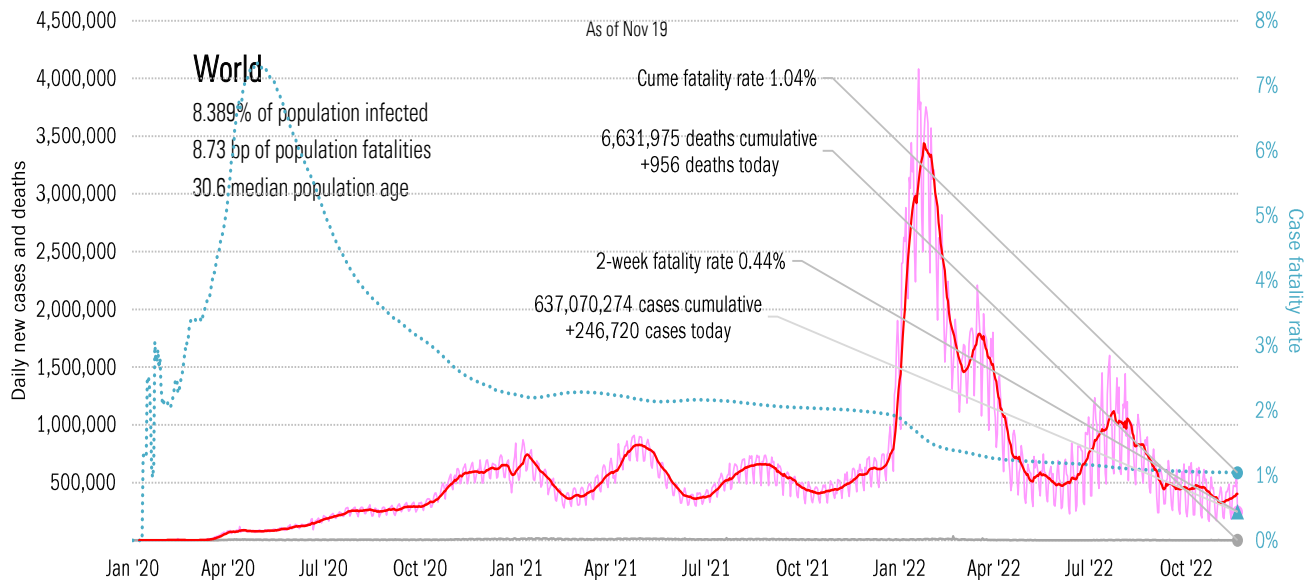
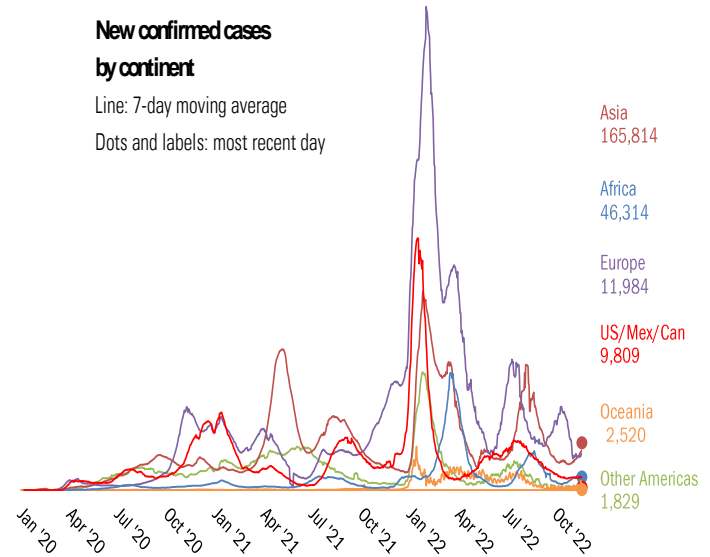
The worst ten countries

New cases		New Deaths	
Japan	89,887	United States	390
Korea, South	46,011	Japan	101
China	45,462	Russia	62
United States	35,764	Taiwan*	59
Taiwan*	16,559	Korea, South	41
Indonesia	6,383	Chile	35
Chile	6,153	Indonesia	25
Russia	5,387	Philippines	10
Austria	3,782	Austria	9
Malaysia	2,450	Poland	7
257,838		739	

New confirmed cases by continent

Line: 7-day moving average

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

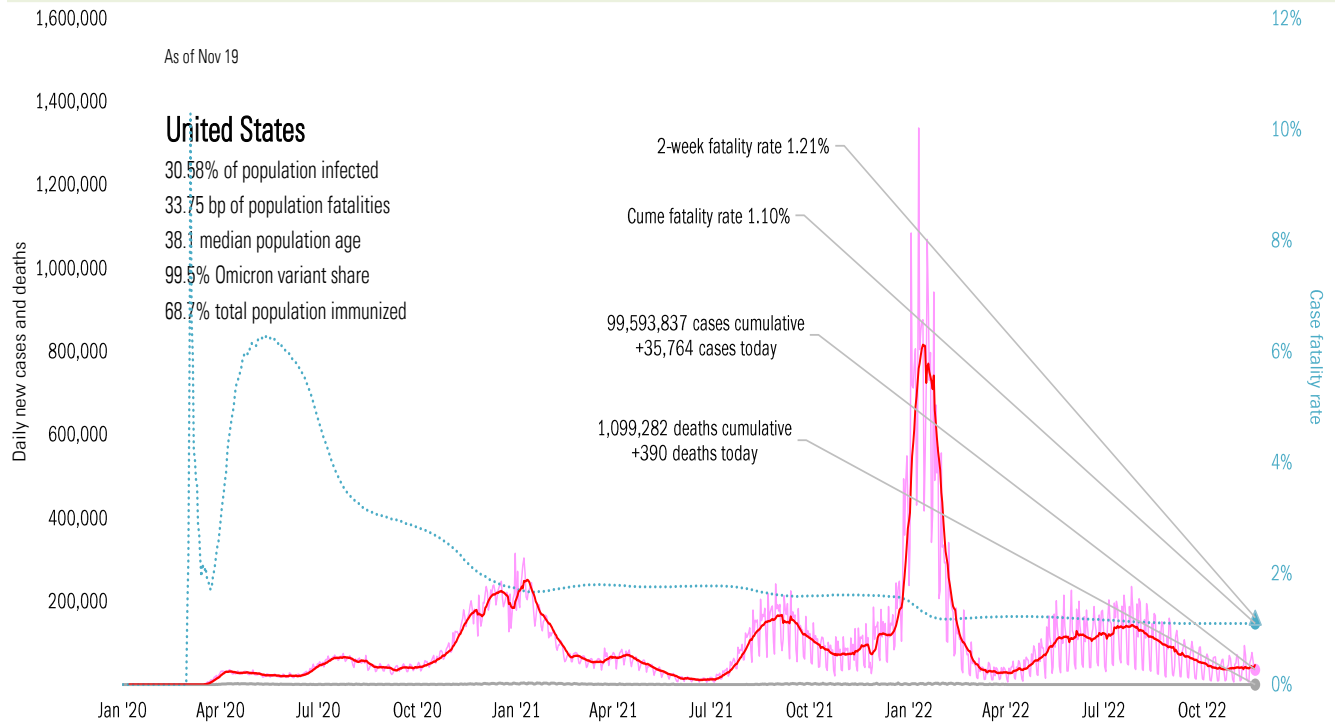
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	3,355		FL	48		CA	461		CA	11,451,463		CA	97,290		TX	563,660		RI	91%	NH	90%
CA	3,186		OR	44		CO	104		FL	8,528,512		TX	91,340		CA	514,220		MA	88%	AK	87%
NY	2,273		TX	28		NY	373		TX	8,074,781		FL	82,814		FL	502,215		WA	87%	MA	86%
MI	2,143		NY	27		IL	190		NY	6,333,138		NY	73,630		NY	317,038		MN	86%	TX	85%
IL	1,797		MI	21		GA	117		IL	3,850,508		PA	48,126		GA	229,356		SC	85%	NC	84%
NJ	1,738		PA	19		OH	167		PA	3,340,015		GA	40,915		CH	226,155		MO	85%	AL	84%
AZ	1,539		GA	16		AZ	124		NC	3,262,335		CH	40,391		PA	212,601		NH	84%	DE	83%
CH	1,445		DE	15		PA	197		CH	3,218,335		IL	40,198		IL	194,235		GA	84%	NE	82%
CO	1,396		VA	15		IA	39		GA	2,933,229		MI	39,697		MI	169,178		DE	83%	GA	82%
PA	1,357		NJ	14		PR	25		MI	2,920,679		NJ	35,044		KY	147,445		WV	82%	RI	82%
20,230			246			1,797			53,912,995			589,445			3,066,103						
All states 35,764			390			3,679			All states 99,593,837			1,099,282			5,569,034			All states 70%		67%	
Top ten 57%			63%			49%			Top ten 54%			55%			55%			Median 78%		75%	

Some states not reporting

Five most improved US states

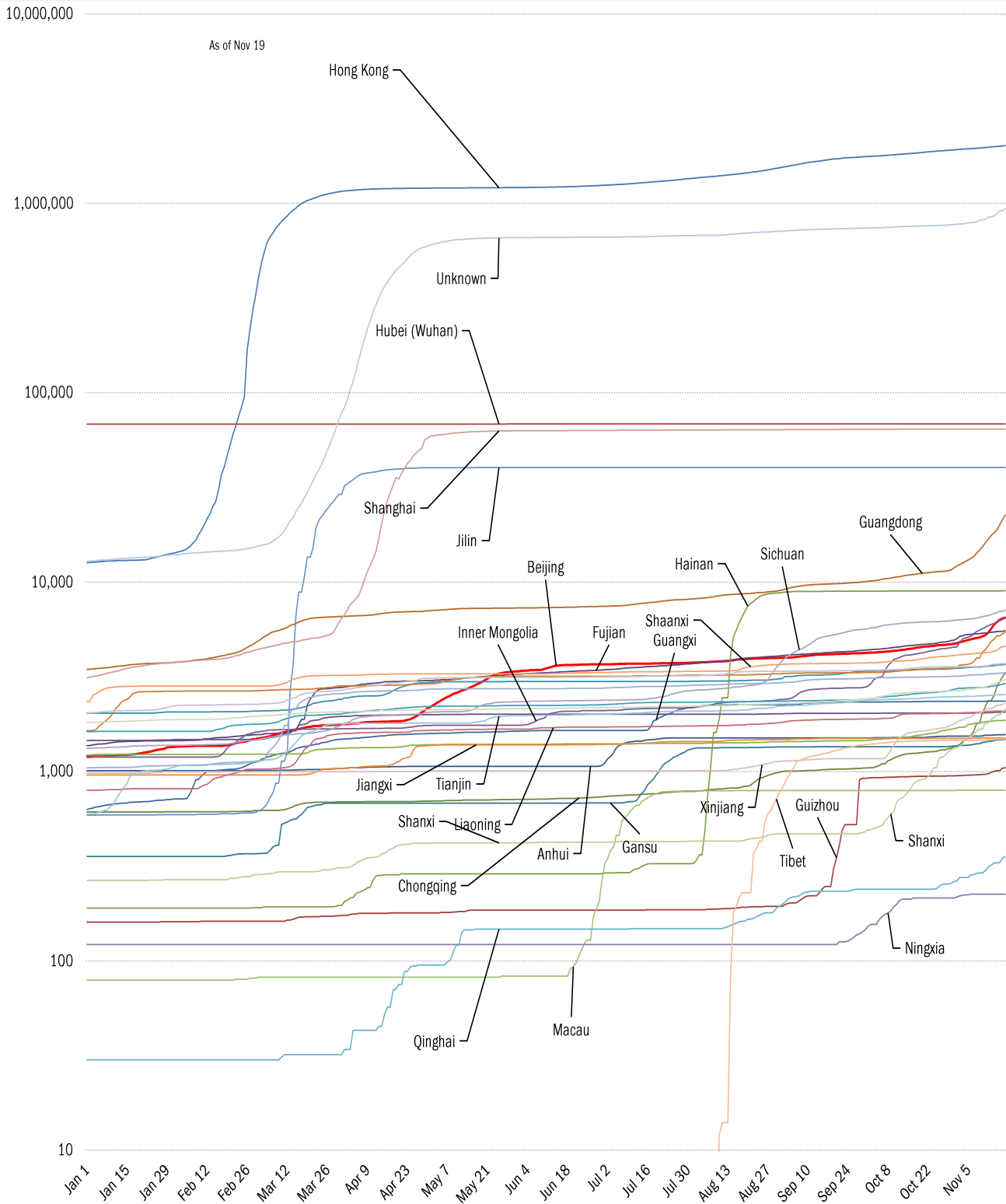
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-2,406	MD	-3	FL	-76
CT	-186	NM	-3	MI	-72
AR	-117	NE	-2	NJ	-26
AK	0	NH	-2	SD	-19
AL	0	WI	-2	OK	-17



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"

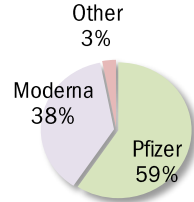


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	667,039,757		+0.623 million		US	68.6%	80.4%
			Of which boosters: +0.560 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	France	78.3%	80.5%
Total population	275,804,550	83%	234,917,605	70%	Spain	85.5%	86.9%
Age 12 to 17	18,368,587	73%	15,705,157	62%	Germany	76.2%	77.7%
Age 18 to 64	183,557,662	90%	155,937,514	77%	Italy	81.3%	86.1%
Age 65 and over	60,811,399	100%	53,206,659	97%	Australia	83.2%	85.7%
					Israel	65.2%	71.1%
					Canada	82.4%	88.8%
					Japan	83.1%	84.2%
					Africa	24.8%	31.0%
					India	67.1%	72.5%
					Brazil	80.2%	87.2%
					China	89.2%	91.4%



AK	72.4%
	64.7%

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

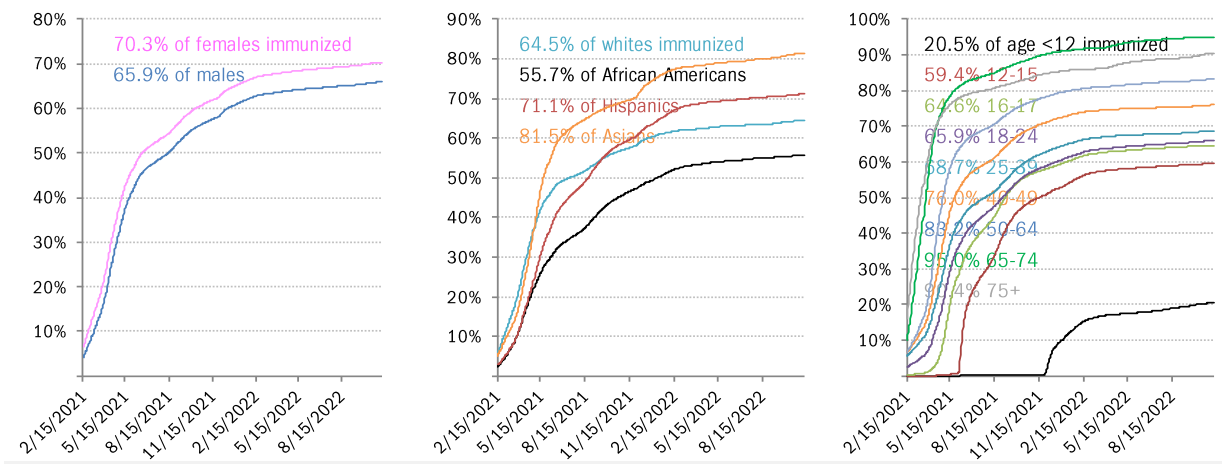
"Immunity" = two doses

Global data differs due to sources, timing

As of Nov 18

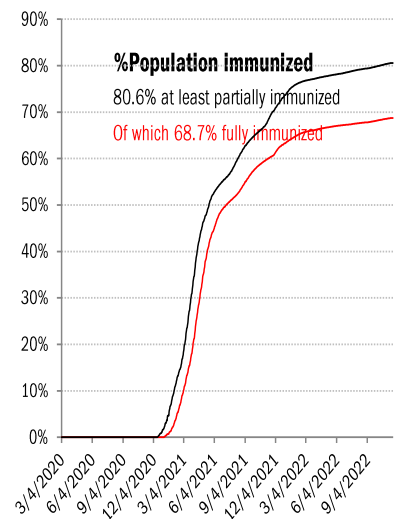
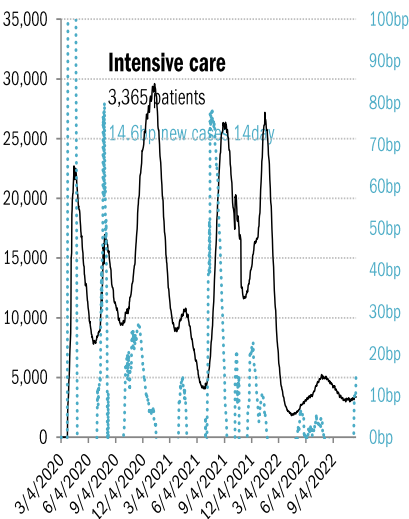
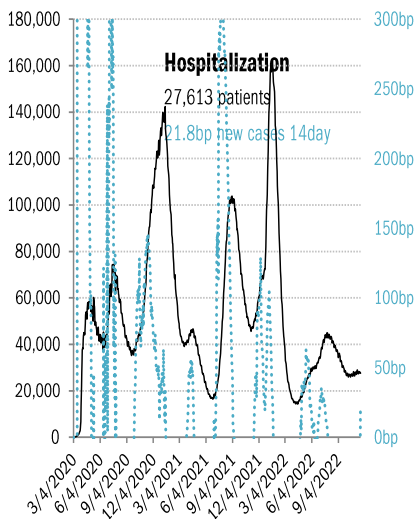
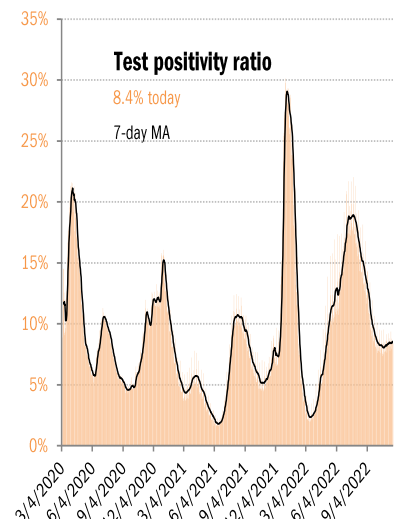
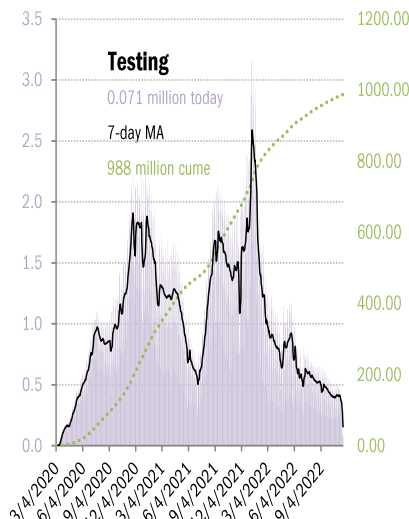
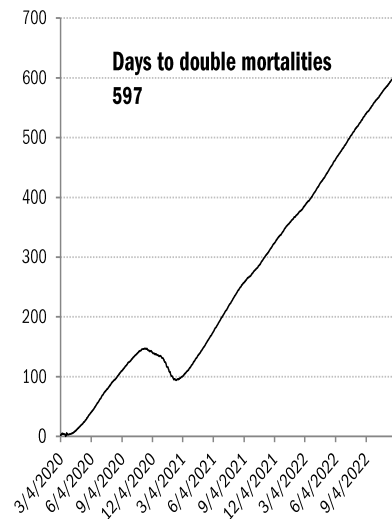
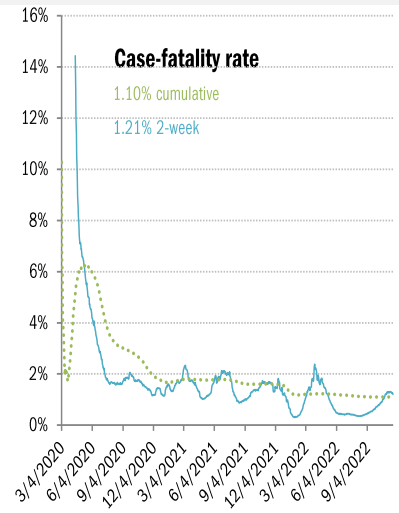
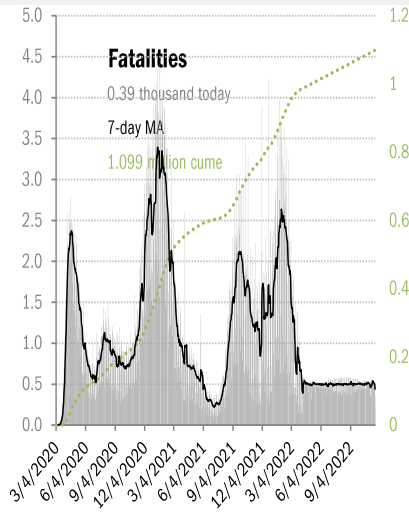
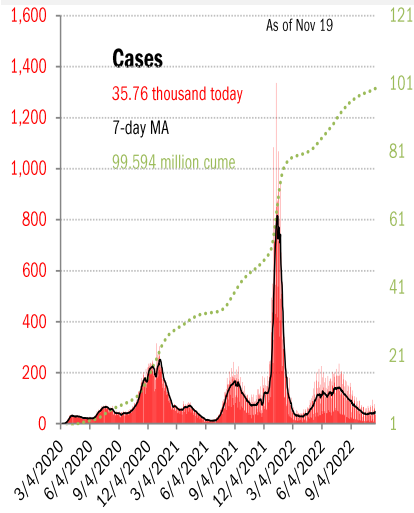
					WI						ME
					74.4%						95.0%
					67.7%						82.5%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH
84.4%	63.4%	67.7%	68.6%	78.0%	78.7%	69.0%			93.5%	95.0%	86.3%
75.3%	56.0%	58.7%	58.0%	71.5%	70.8%	61.9%			79.9%	84.6%	70.5%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA	
80.7%	78.1%	60.4%	82.6%	70.1%	63.9%	65.2%	89.4%		93.7%	95.0%	
71.7%	63.0%	52.7%	65.5%	63.9%	57.4%	60.0%	72.3%		78.4%	83.1%	
CA	UT	CO	NE	MO	KY	WV	VA		MD	CT	RI
85.7%	74.5%	82.9%	72.7%	68.7%	68.3%	67.0%	89.9%		90.7%	95.0%	95.0%
74.6%	66.1%	72.9%	65.7%	58.5%	59.2%	59.4%	75.9%		78.9%	82.3%	86.8%
	AZ	NM	KS	AR	TN	NC	SC		DC	DE	
	76.5%	92.9%	75.4%	69.2%	64.0%	90.5%	70.3%		95.0%	86.6%	
	65.5%	74.4%	64.6%	56.4%	56.0%	66.0%	59.4%		84.1%	72.0%	
			OK	LA	MS	AL	GA				
			73.9%	62.5%	61.3%	64.5%	67.7%				
			59.9%	54.8%	53.4%	52.7%	56.7%				
			TX						FL		PR
			75.6%						81.8%		95.0%
			62.8%						68.9%		86.5%

The demographics of US vaccination



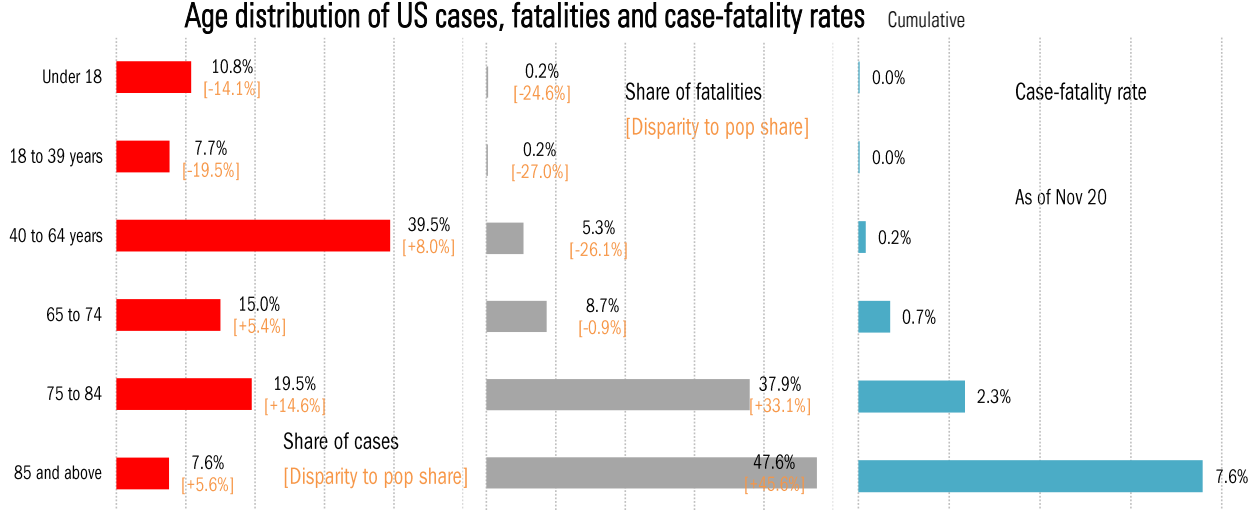
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

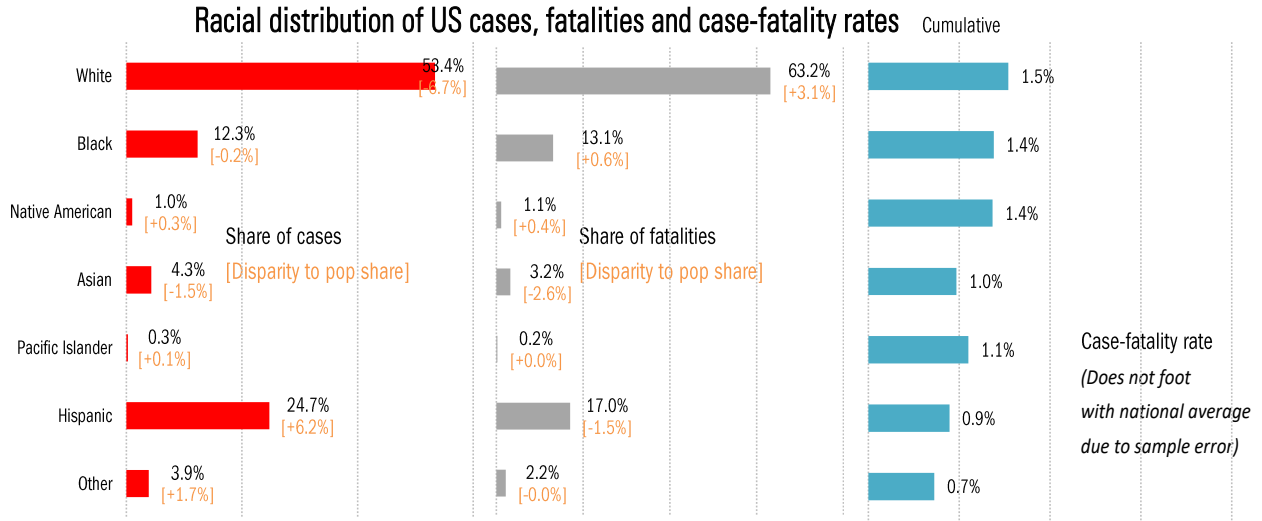


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

Age distribution of US cases, fatalities and case-fatality rates

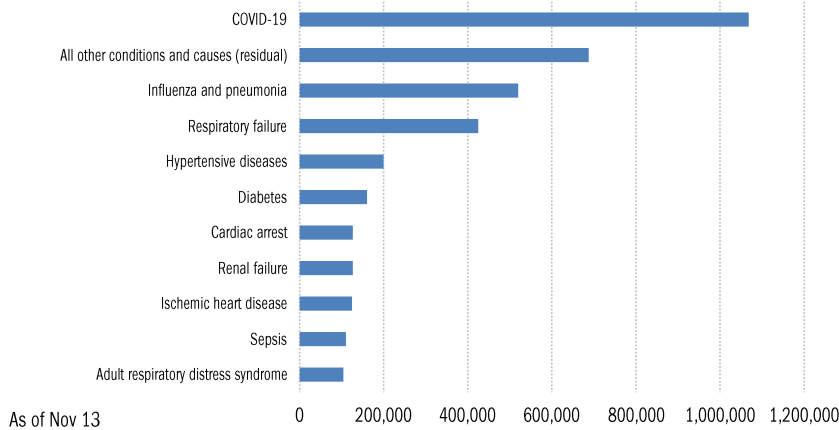


Racial distribution of US cases, fatalities and case-fatality rates



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

[COVID – The Real Story Of Fear, Lies, And Deception](#)

Committee to Unleash Prosperity Hotline

November 20, 2022

[Moral Injury Is an Invisible Epidemic That Affects Millions](#)

Elizabeth Svoboda

Scientific American

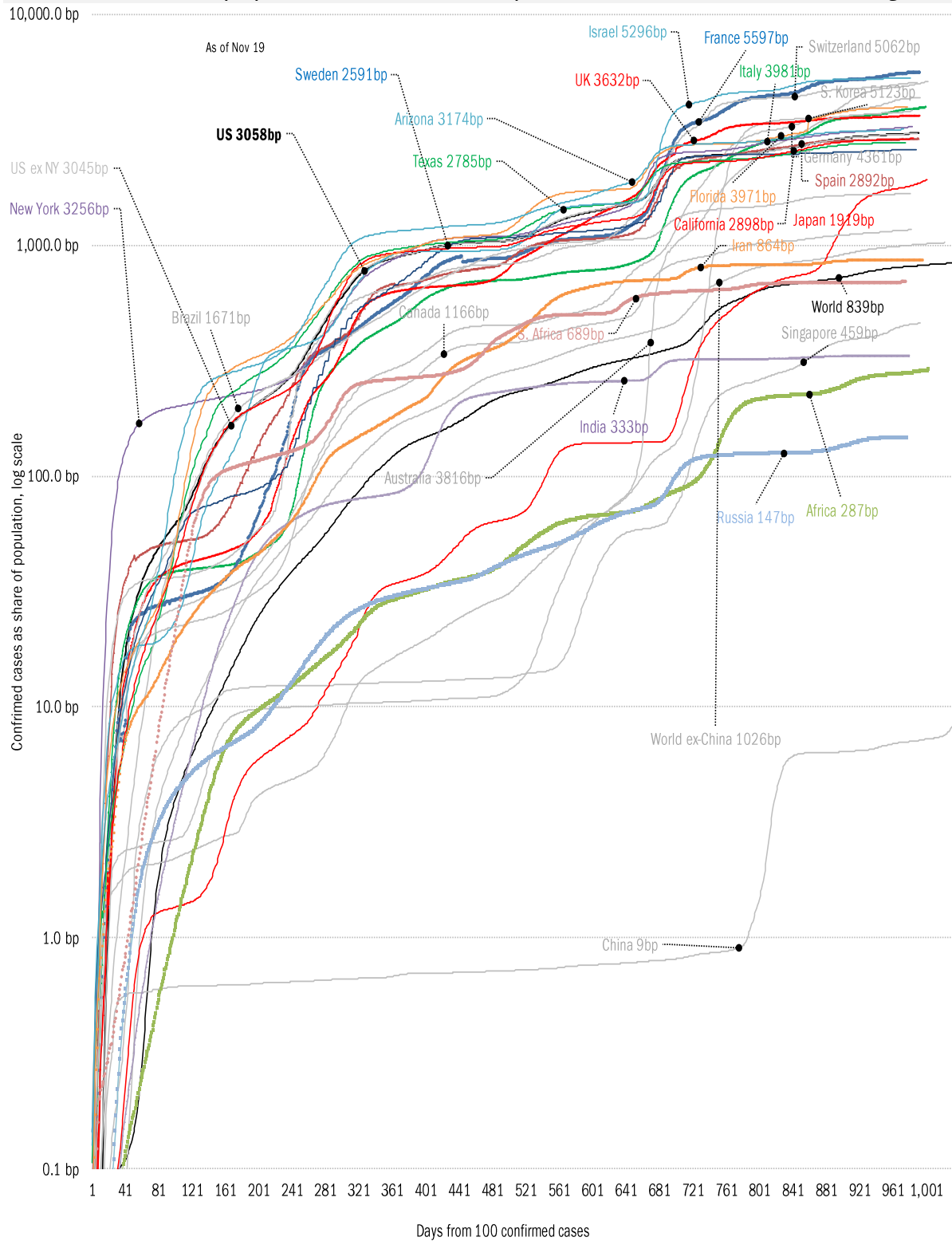
September 9, 2022

Meme of the day



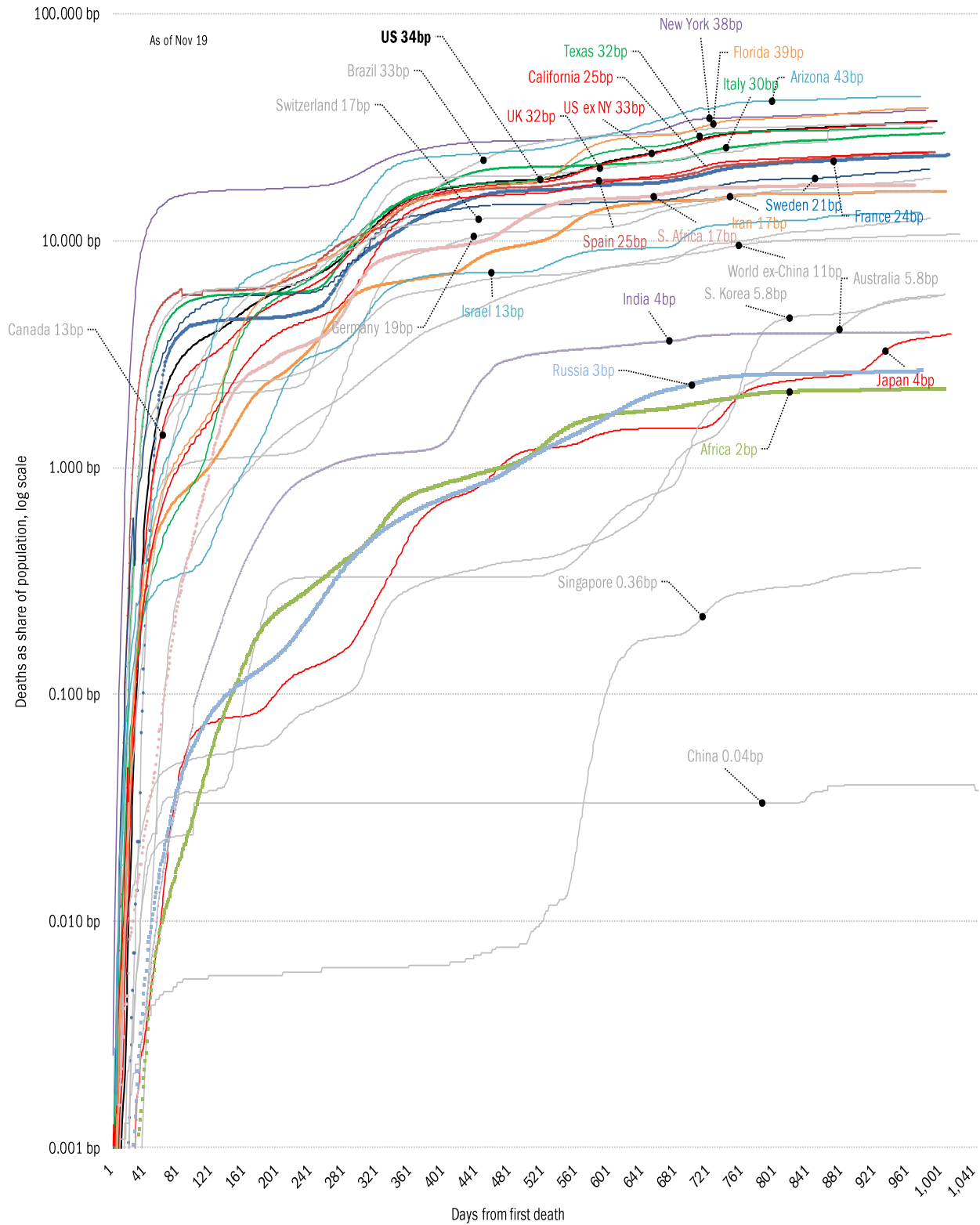
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

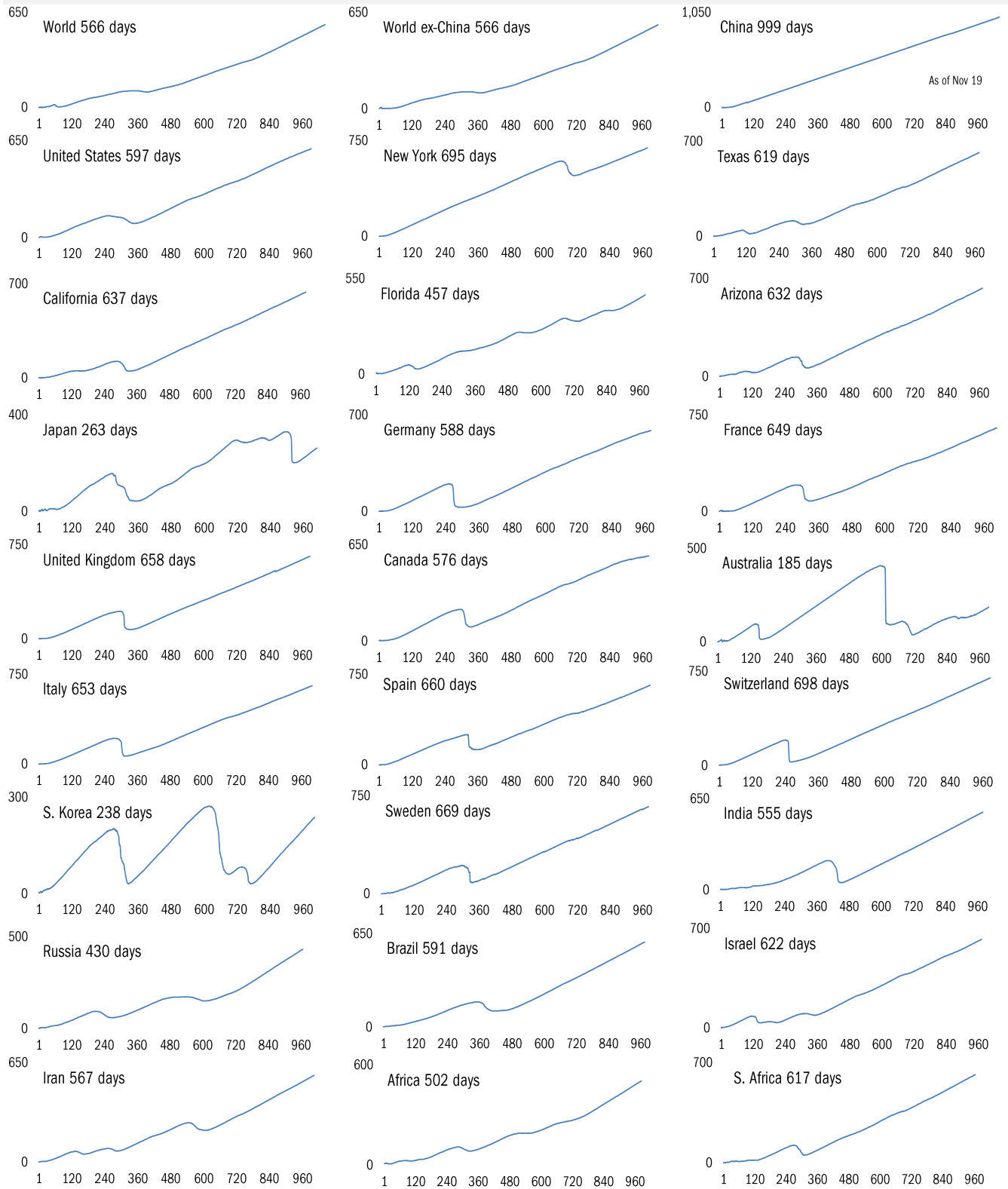


Source: [Johns Hopkins](#), TrendMacro calculations

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

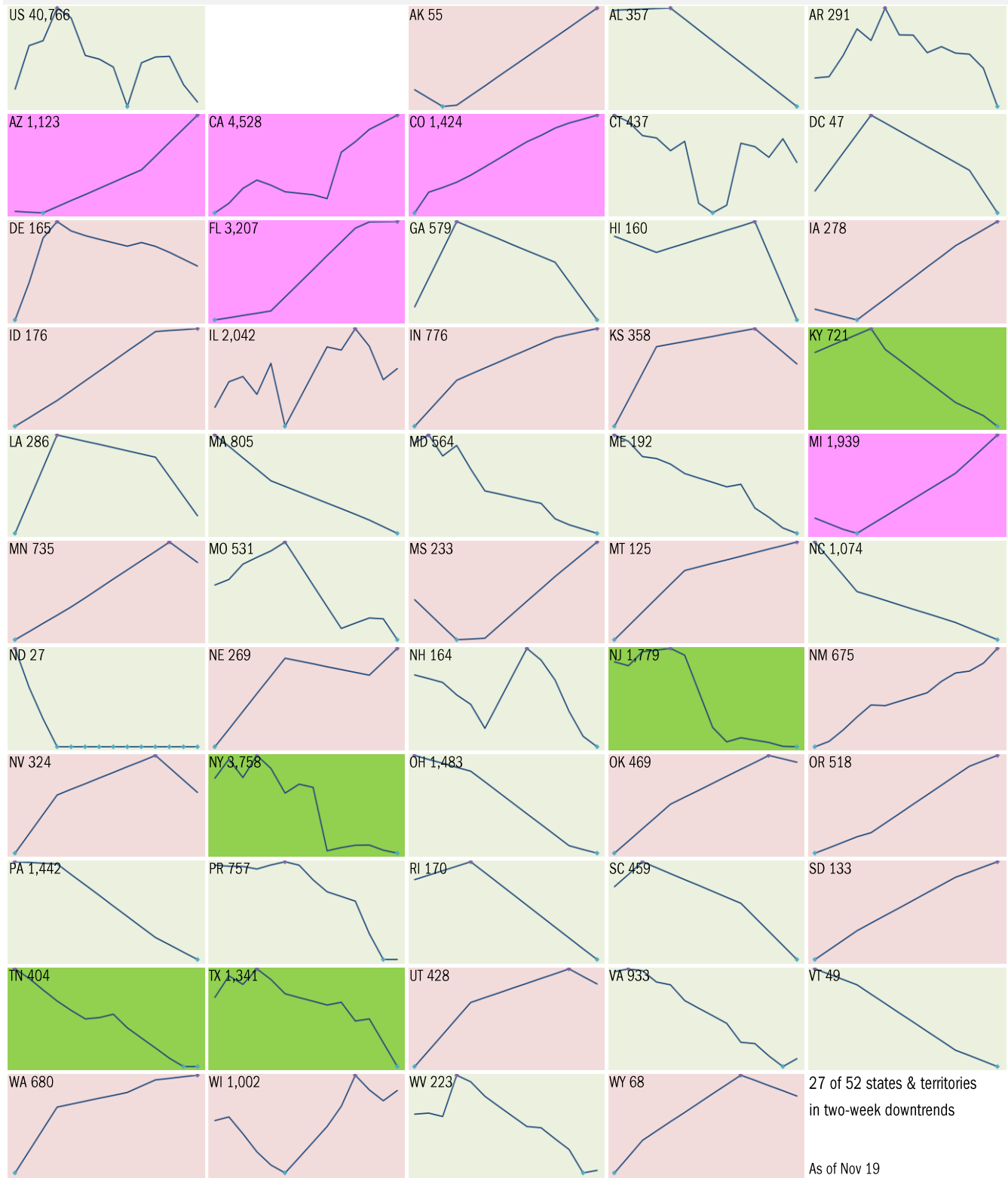


Source: [Johns Hopkins](#), TrendMacro calculations

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

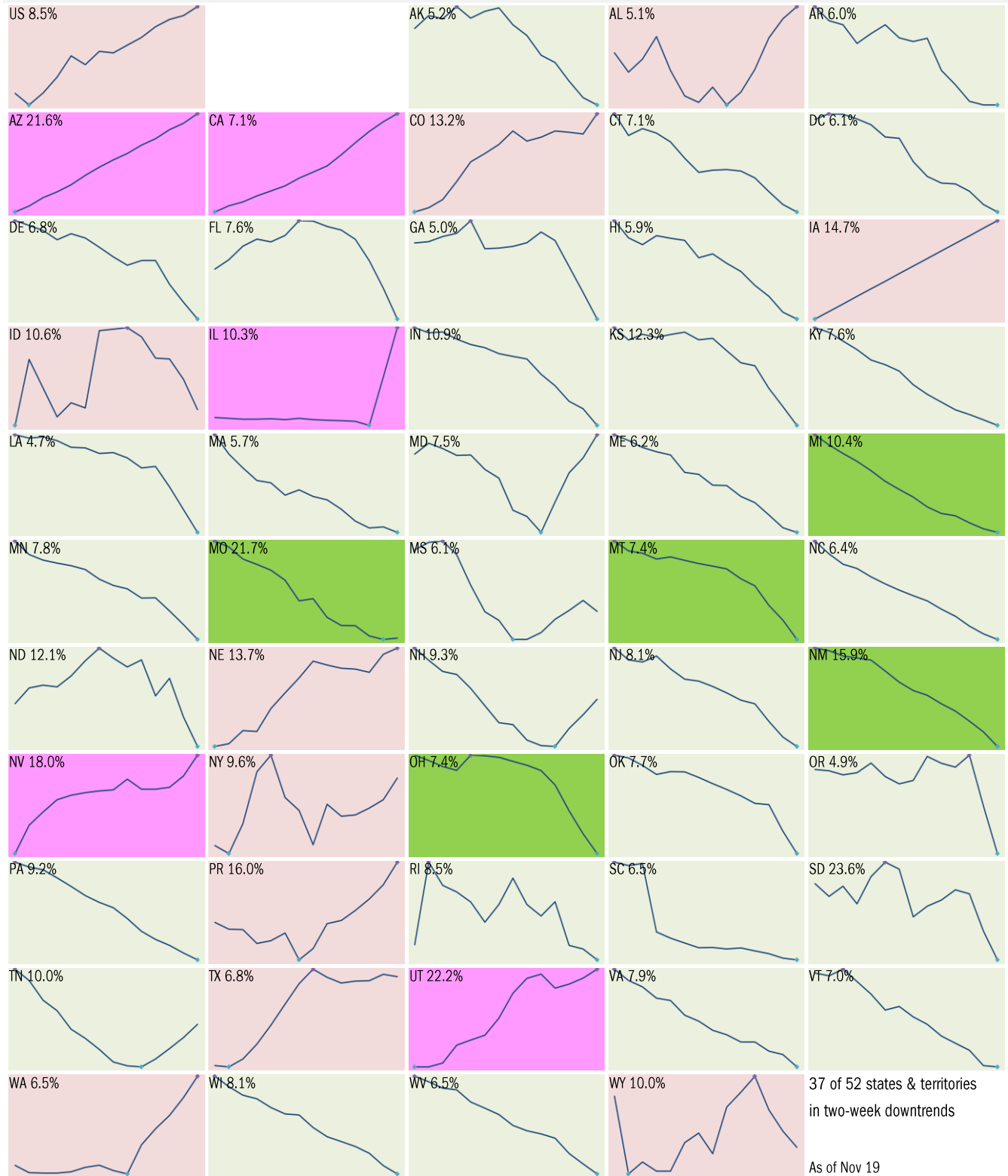


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

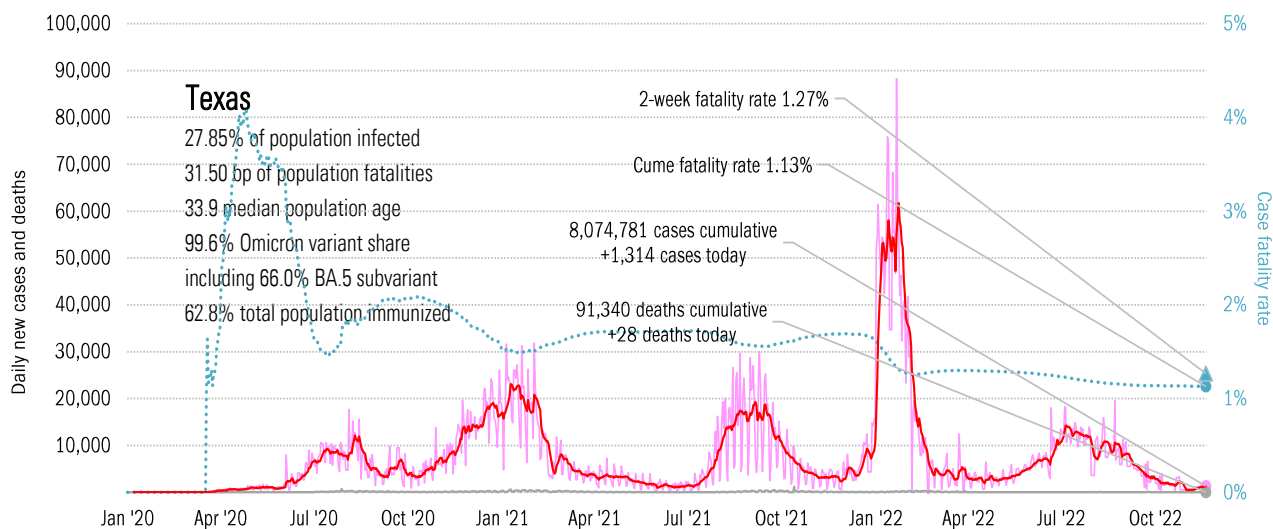
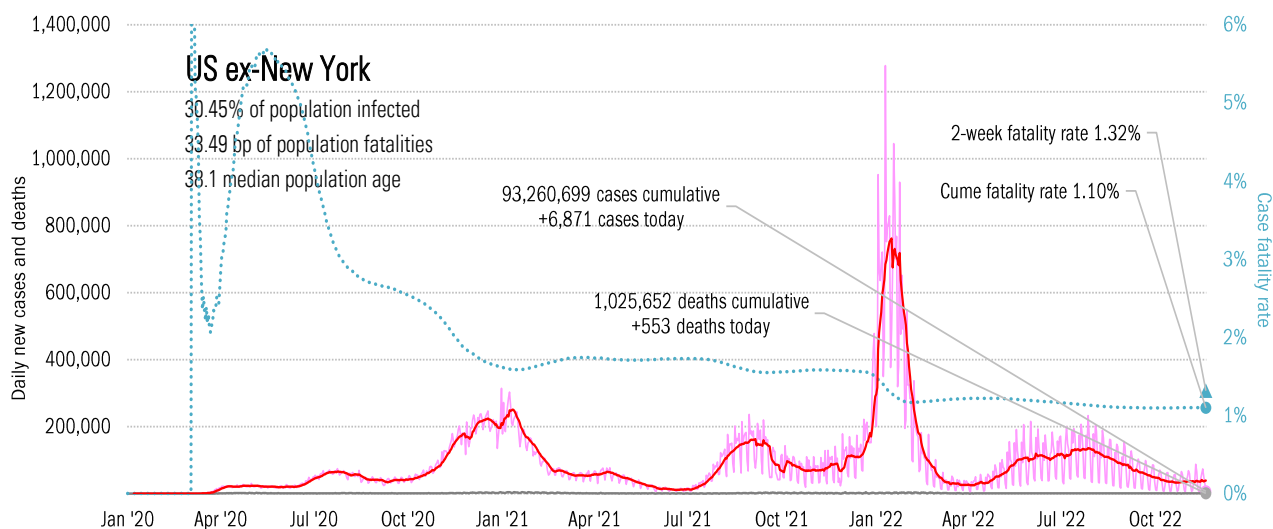
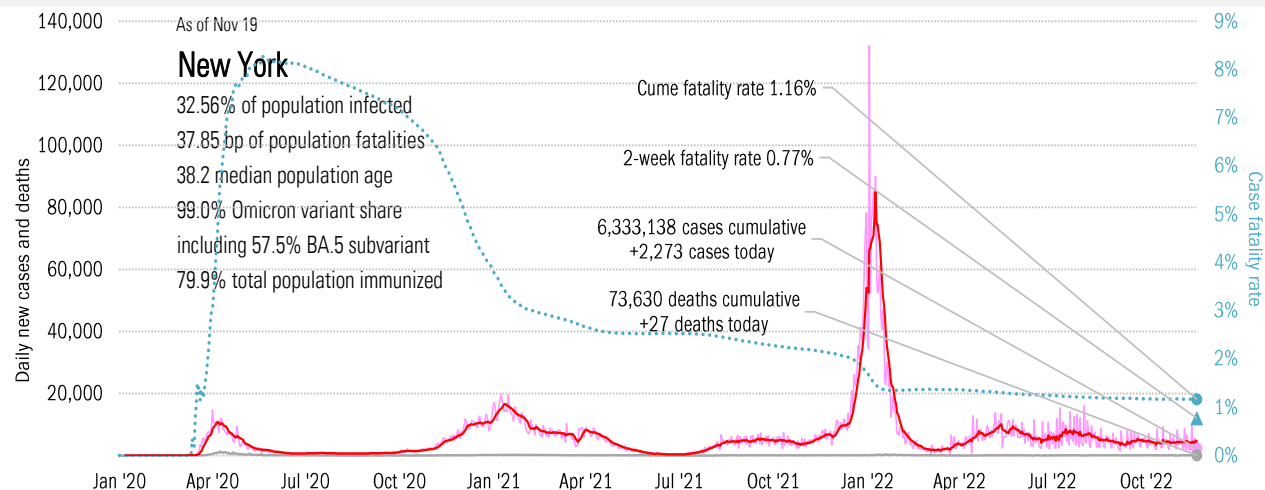
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

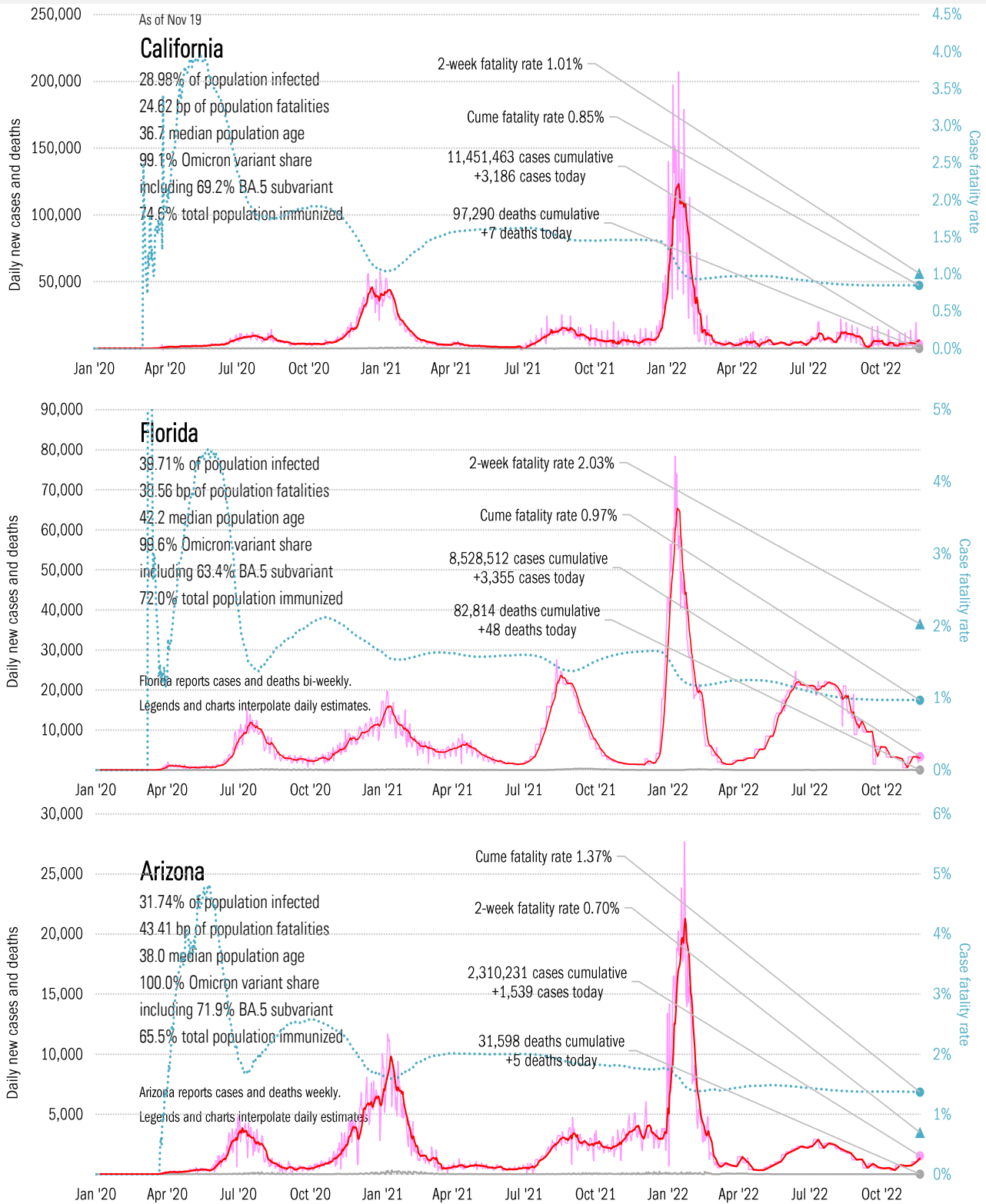
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

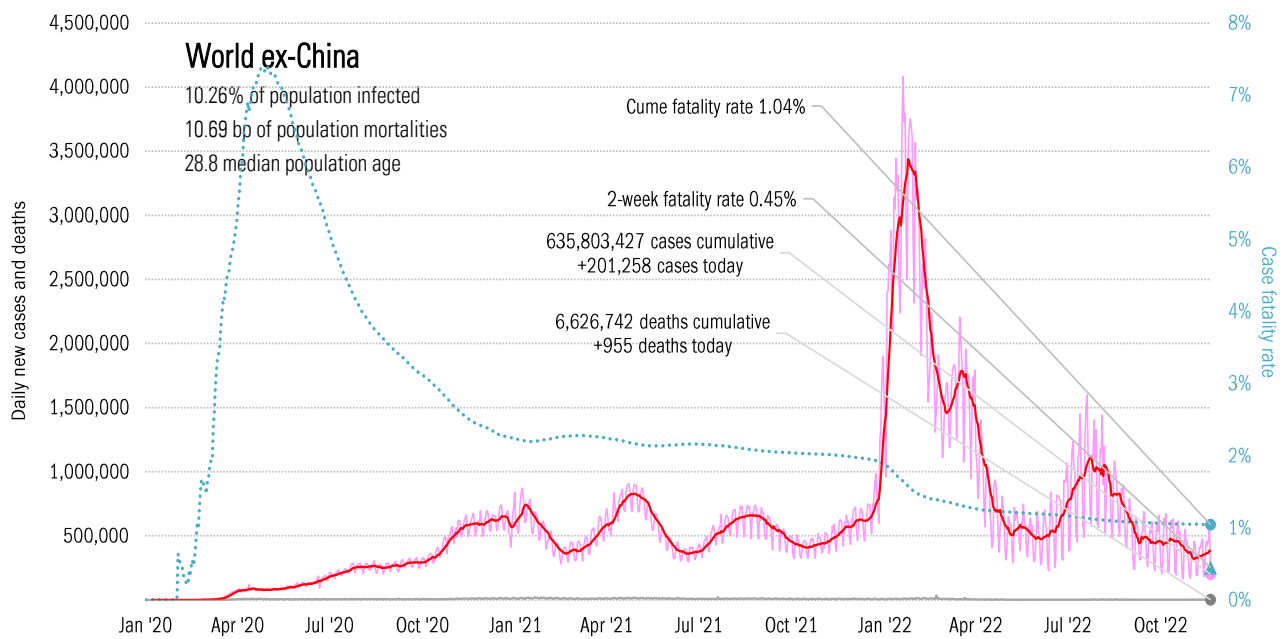
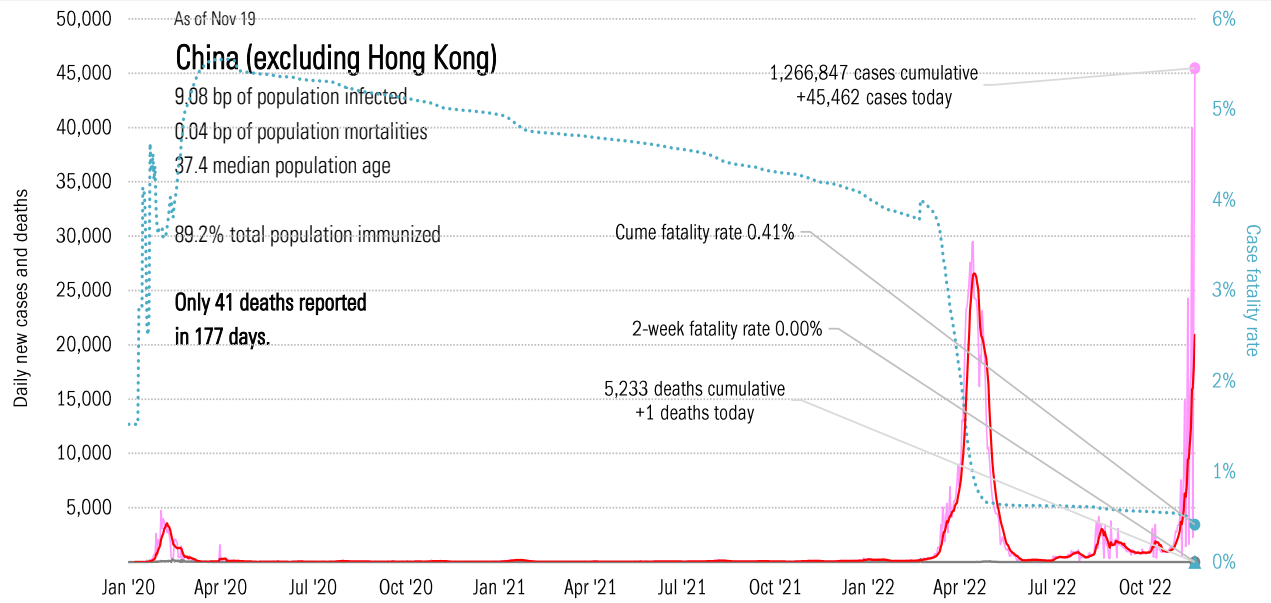
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

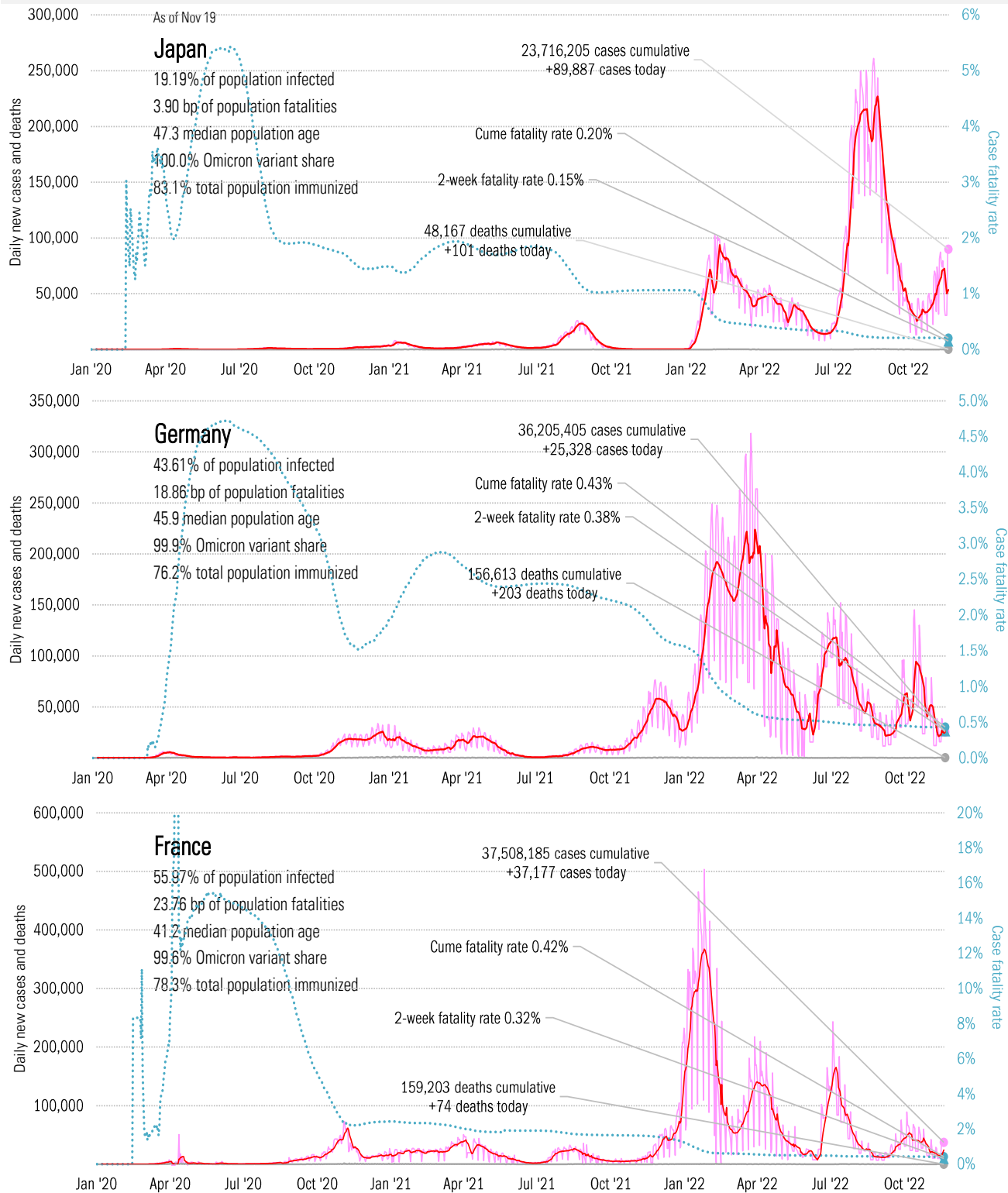
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

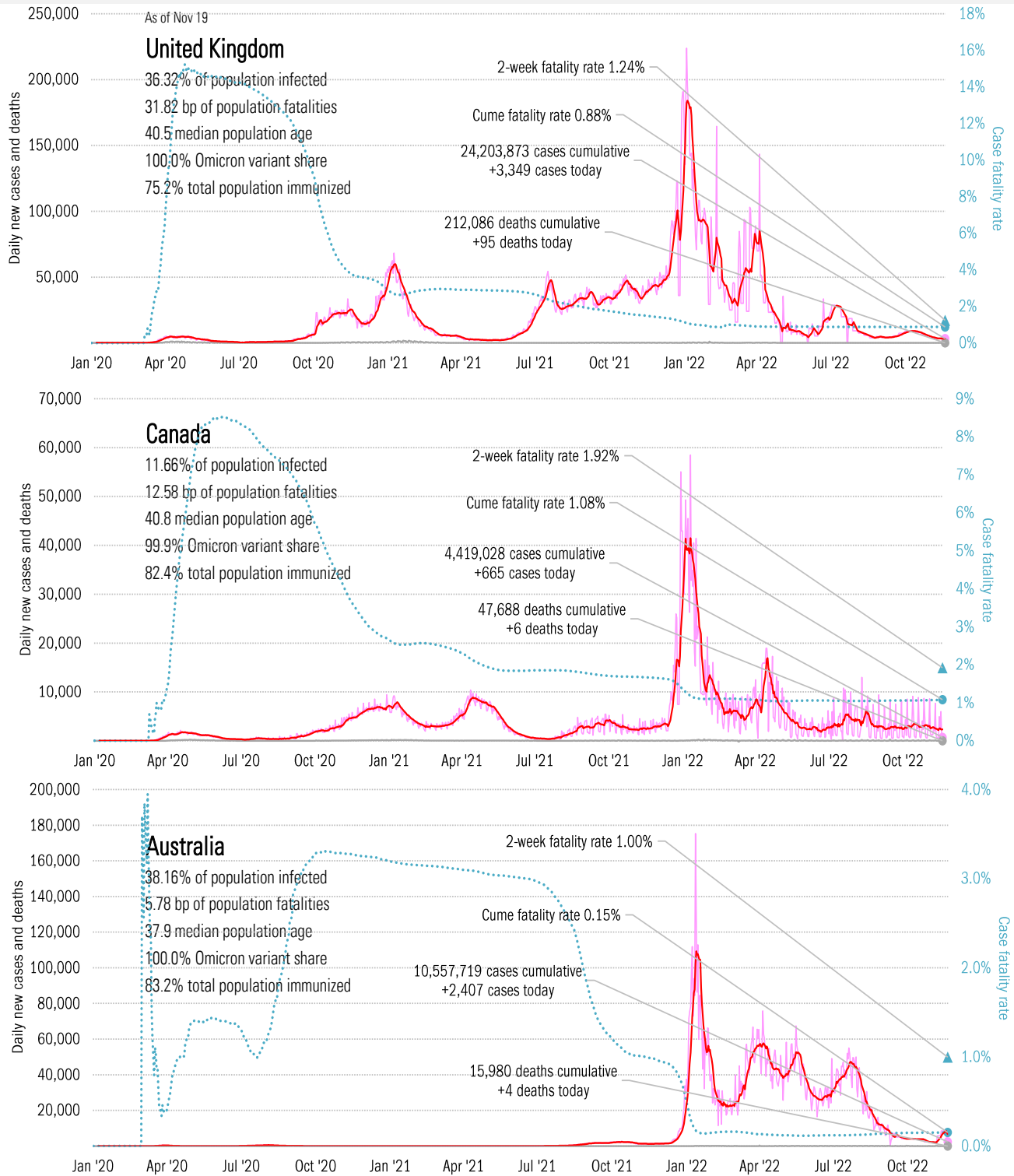
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

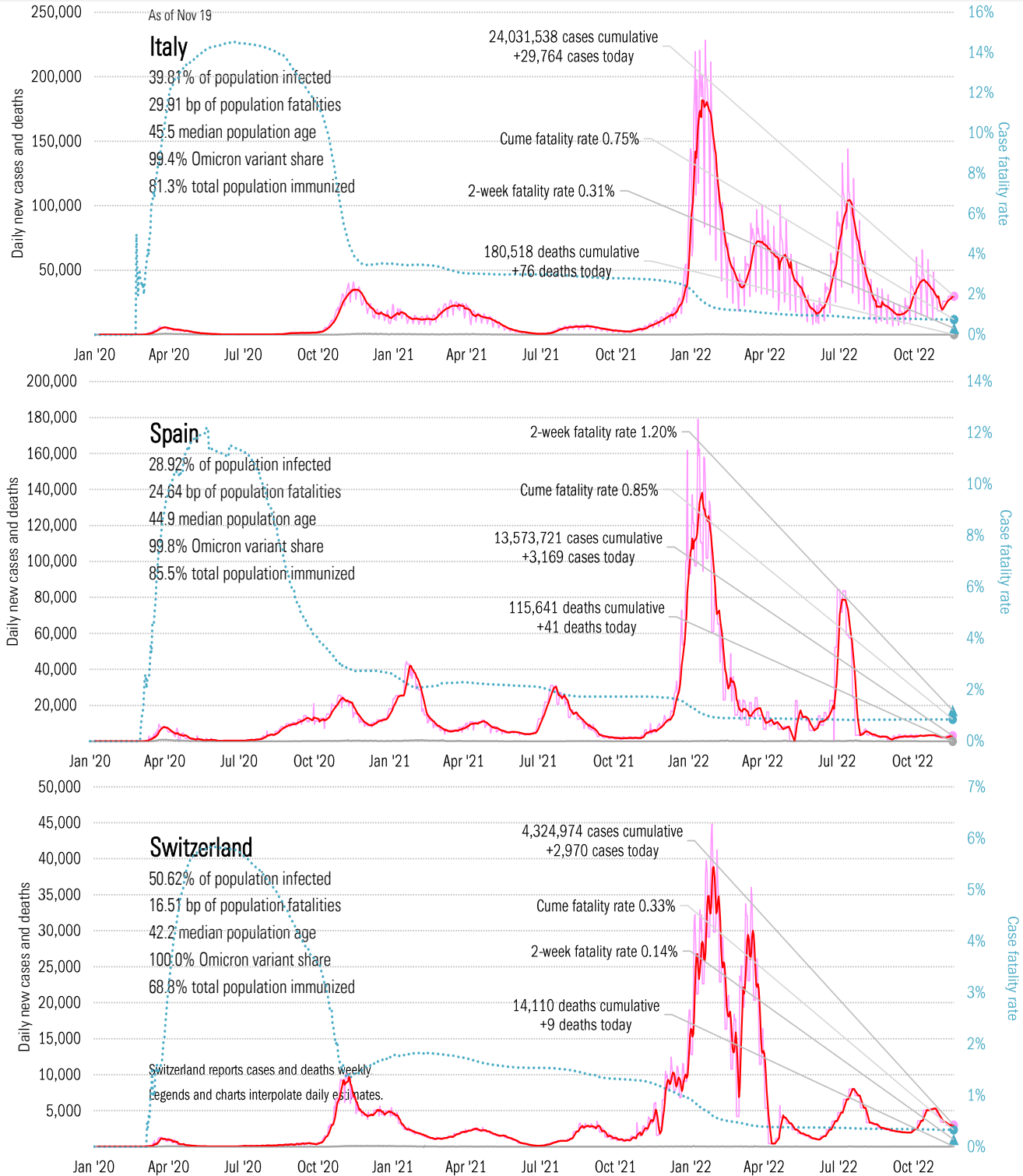
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

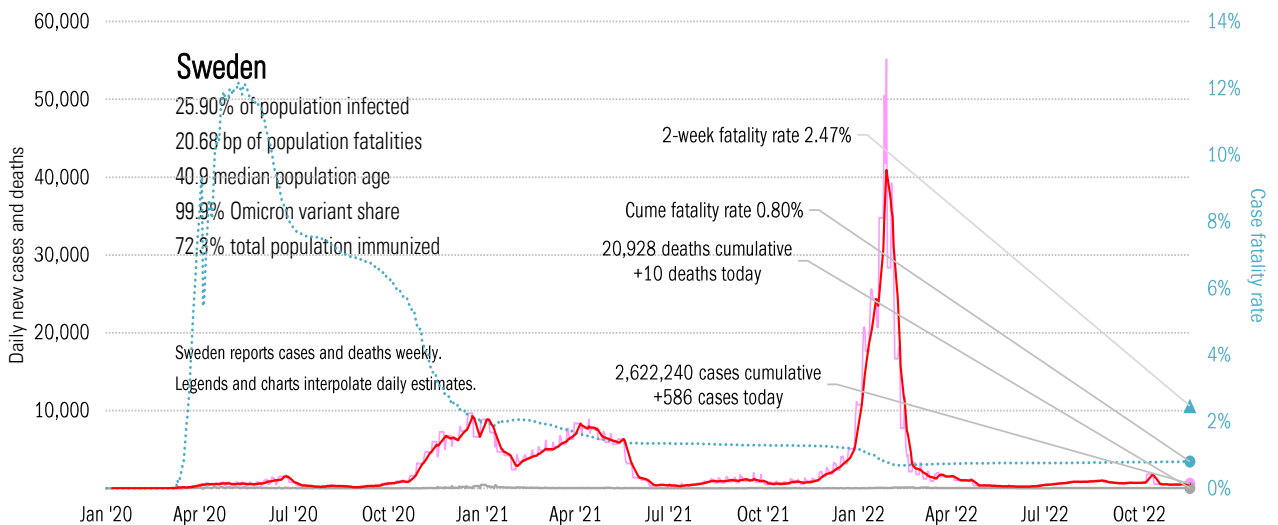
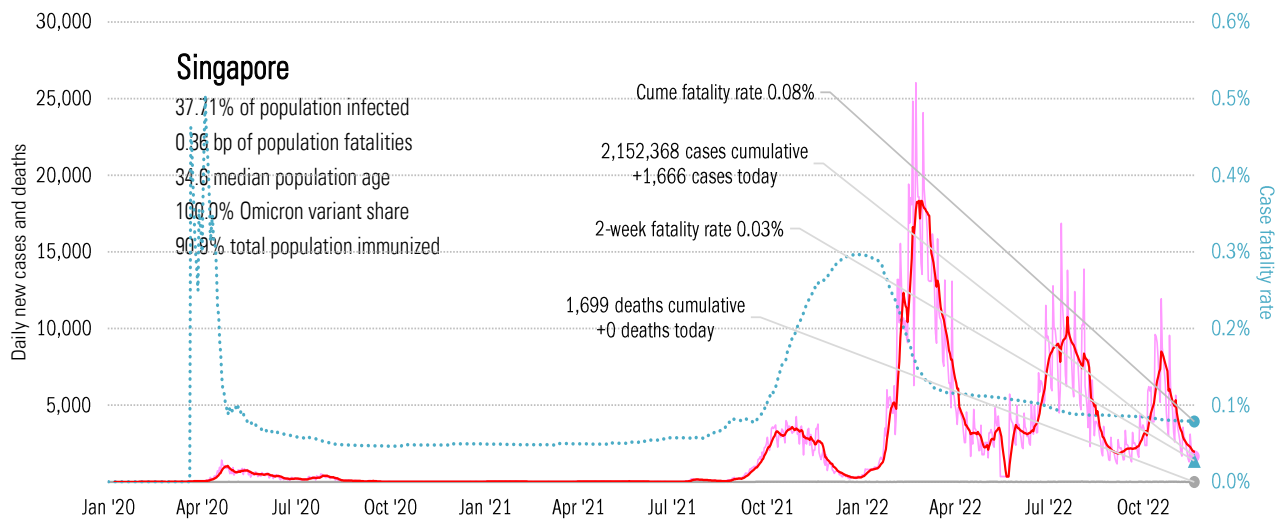
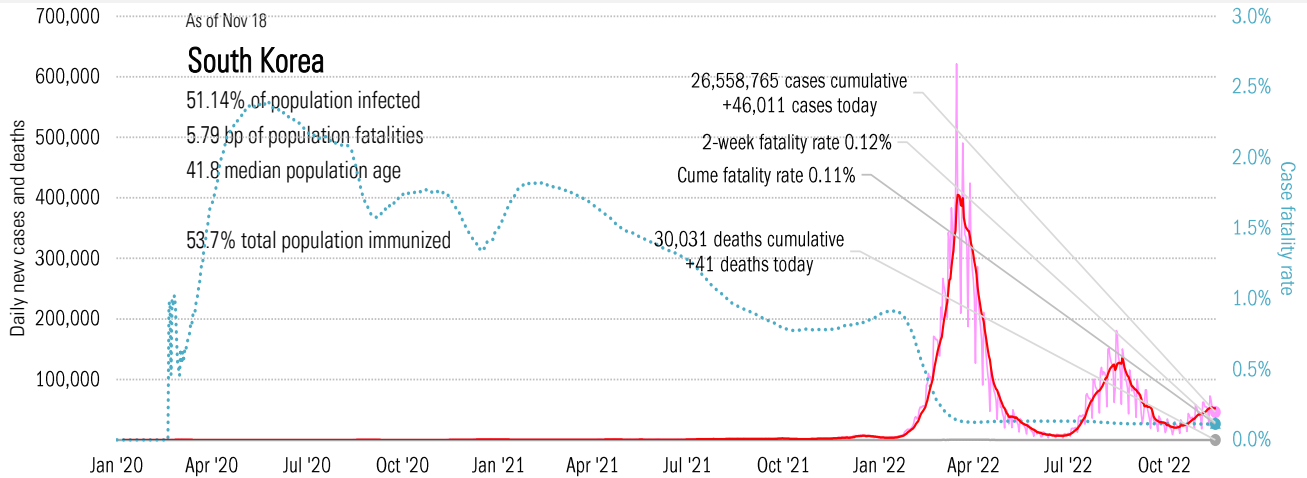
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

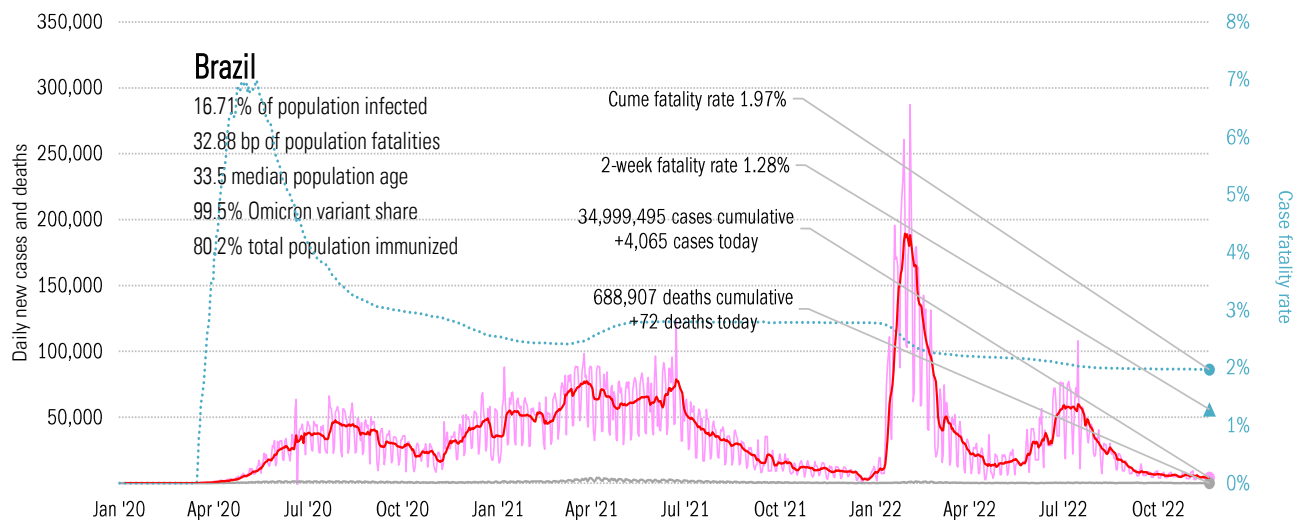
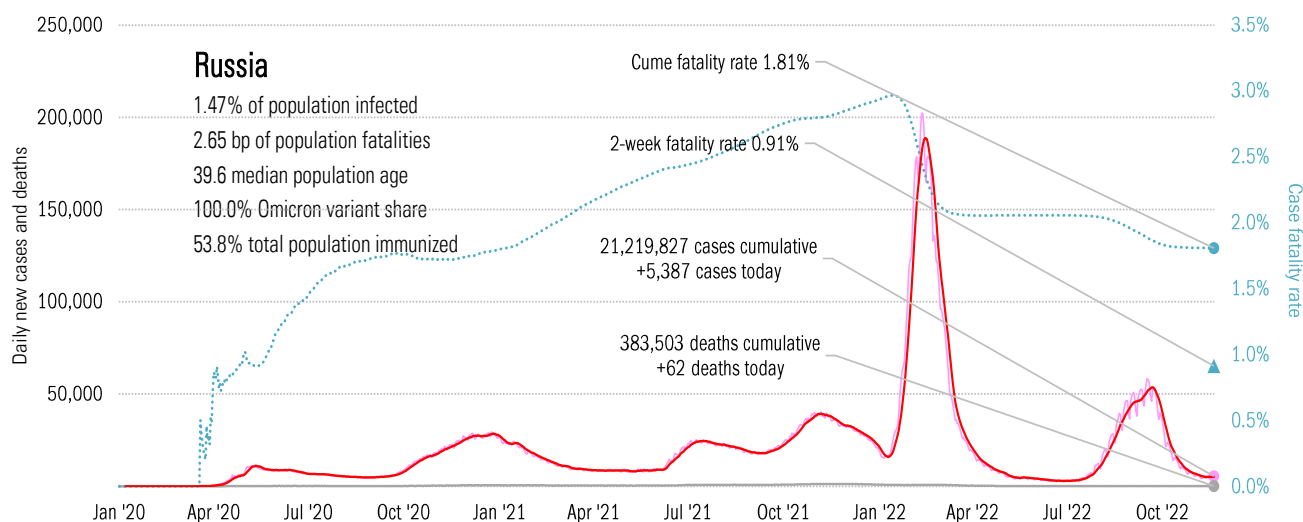
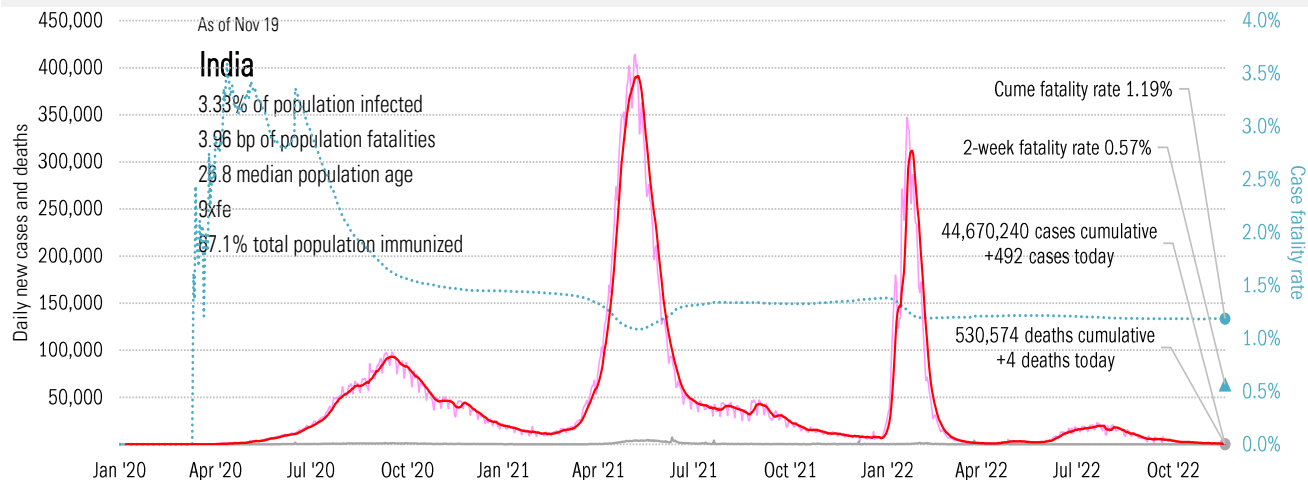
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

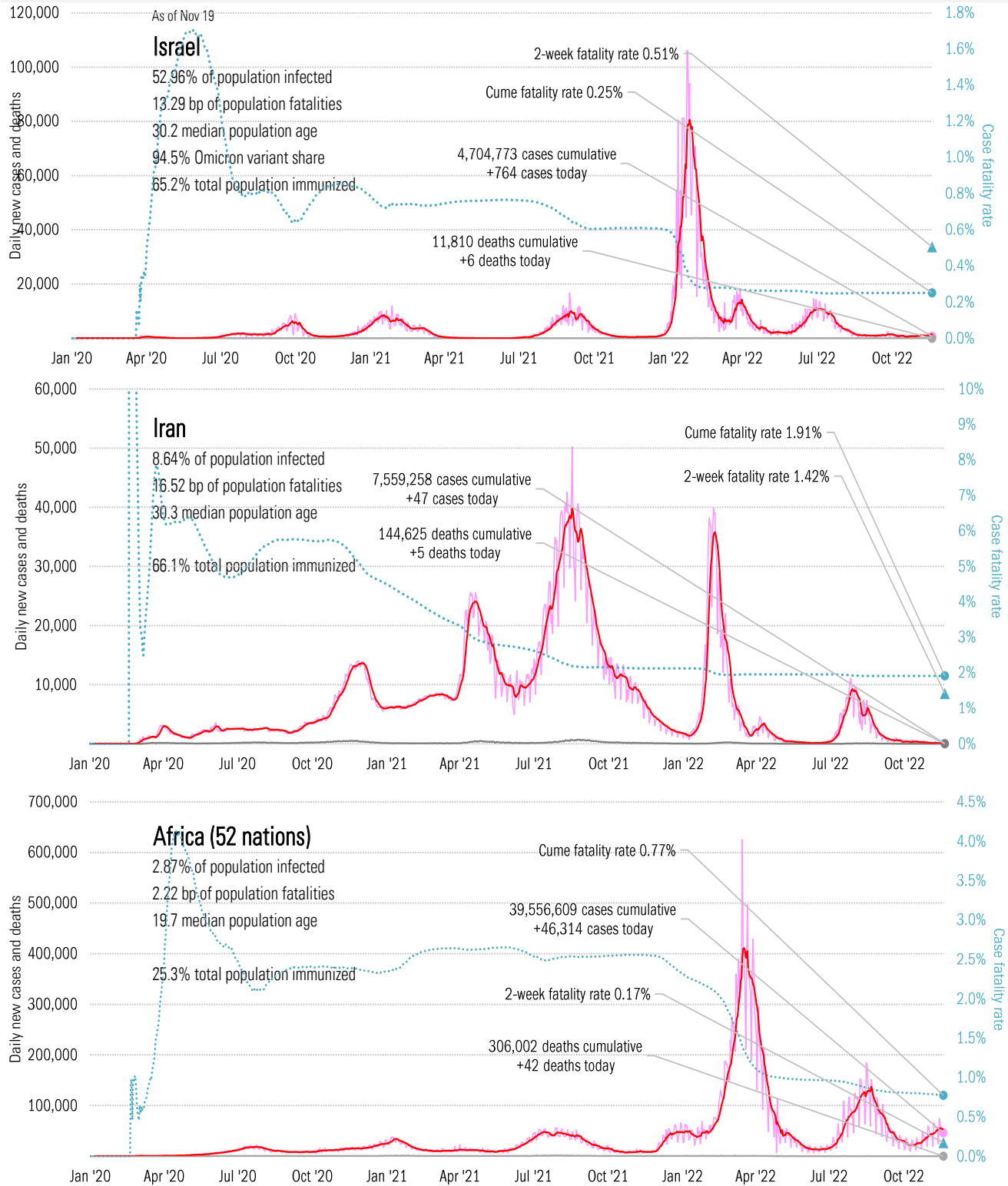
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

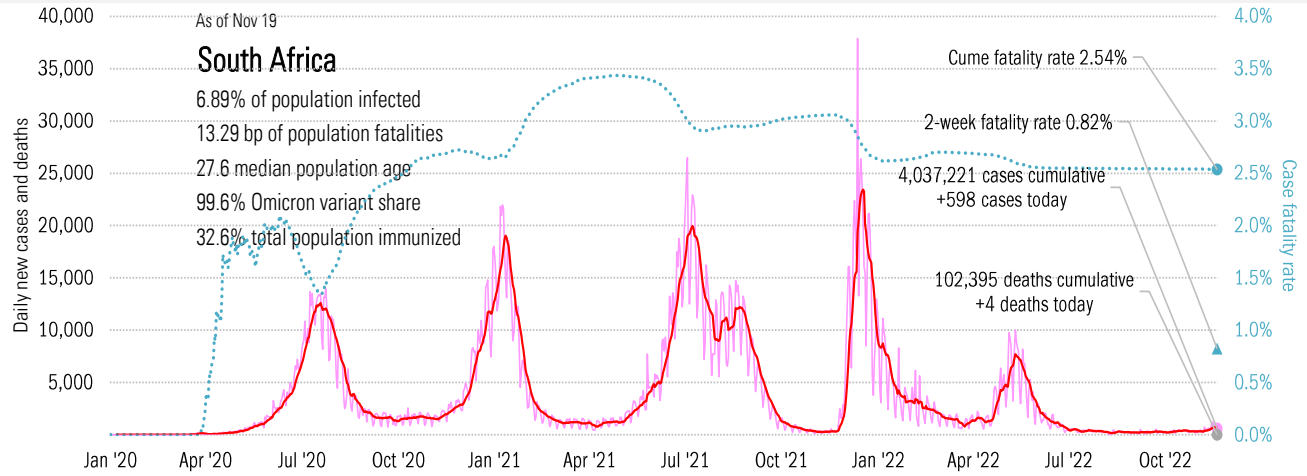
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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