

Data Insights: Covid-2019 Monitor

Tuesday, November 15, 2022

The global scorecard

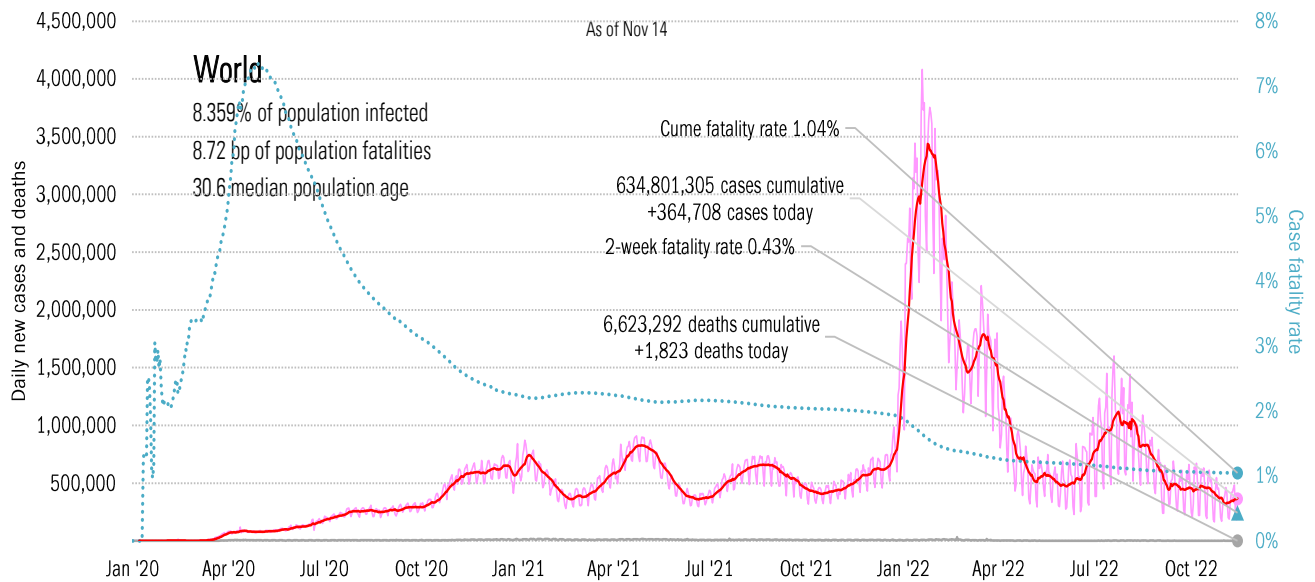
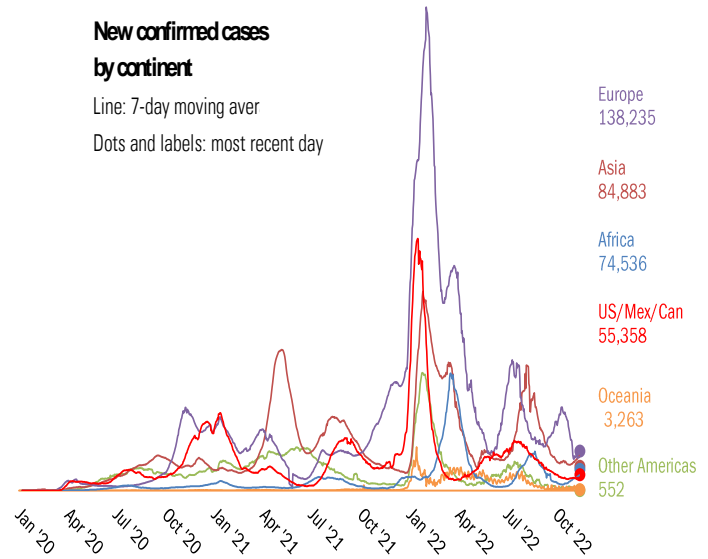
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Korea, South	72,883	United States	309
France	65,737	Iraq	270
Germany	47,179	Germany	219
Japan	37,555	France	150
United States	32,845	Ukraine	114
Taiwan*	16,606	Peru	94
China	15,521	Russia	61
Ukraine	9,646	Indonesia	54
Russia	4,519	Japan	48
Indonesia	4,408	Taiwan*	40
306,899		1,359	
World	364,708	World	1,823
Top ten	84%	Top ten	75%

New confirmed cases by continent

Line: 7-day moving aver
 Dots and labels: most recent day



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

For more information contact us:

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

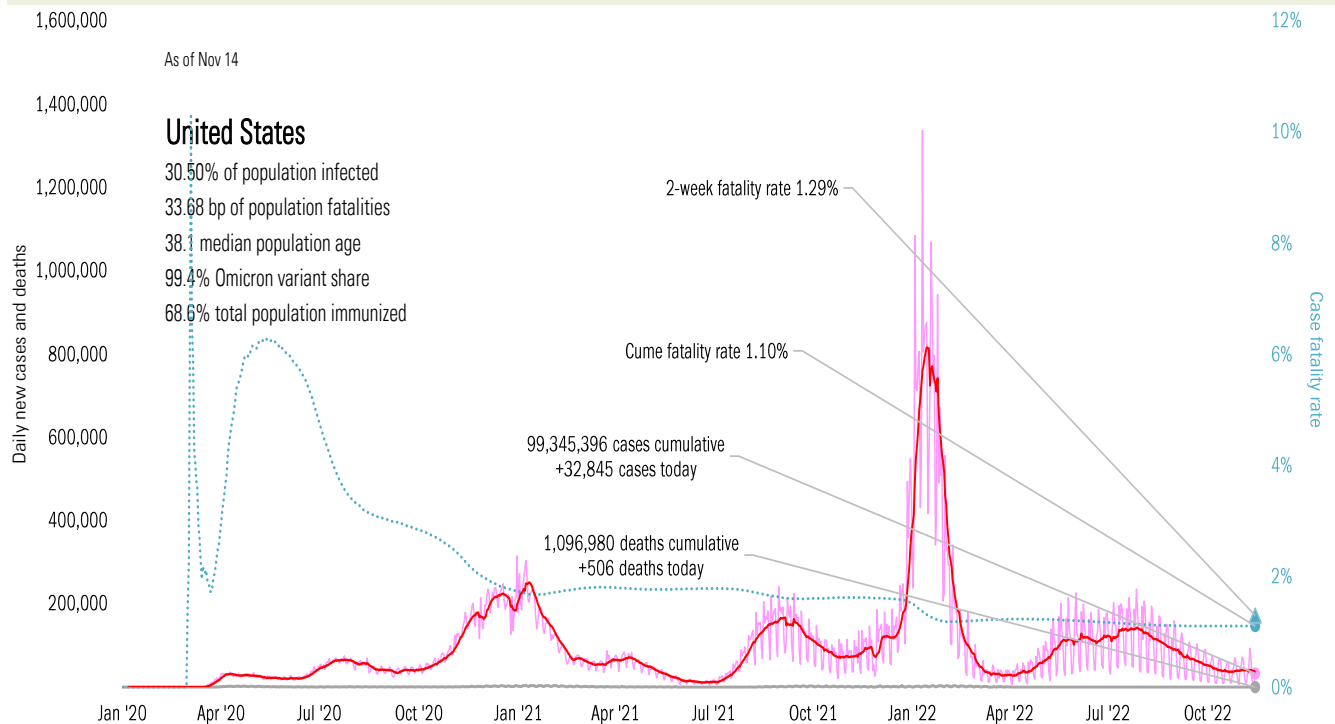
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
FL	3,308		CA	34		FL	163		CA	11,418,792		CA	97,140		TX	562,922		MA	93%	TX	87%
IL	2,186		FL	26		GA	114		FL	8,513,382		TX	91,291		CA	512,096		RI	89%	AK	87%
NJ	1,815		MI	24		CA	326		TX	8,064,625		FL	82,719		FL	501,291		MN	86%	VT	85%
NY	1,723		IL	22		NJ	146		NY	6,312,920		NY	73,441		NY	315,294		NV	85%	AL	84%
PA	1,653		PA	22		AZ	106		IL	3,841,906		PA	47,994		GA	229,082		MO	85%	NC	83%
KY	1,611		WV	19		CO	92		PA	3,330,515		GA	40,803		CH	225,331		WA	83%	NE	83%
CH	1,552		NY	16		PA	191		NC	3,255,540		CH	40,257		PA	211,817		GA	83%	RI	82%
MI	1,427		GA	15		TX	158		CH	3,208,165		IL	40,131		IL	193,321		MD	83%	GA	81%
MD	1,350		MA	15		NC	85		GA	2,929,434		MI	39,574		MI	168,572		WV	82%	DC	81%
CO	1,305		TX	12		MO	70		MI	2,907,819		NJ	34,988		KY	147,253		DE	82%	ID	80%
17,931			205			1,451			53,783,098			588,338			3,056,979						
All states	32,845			309			3,051		All states	99,345,396			1,096,980			5,551,805		All states	70%		67%
Top ten	55%			66%			48%		Top ten	54%			55%			55%		Median	76%		74%

Some states not reporting

Five most improved US states

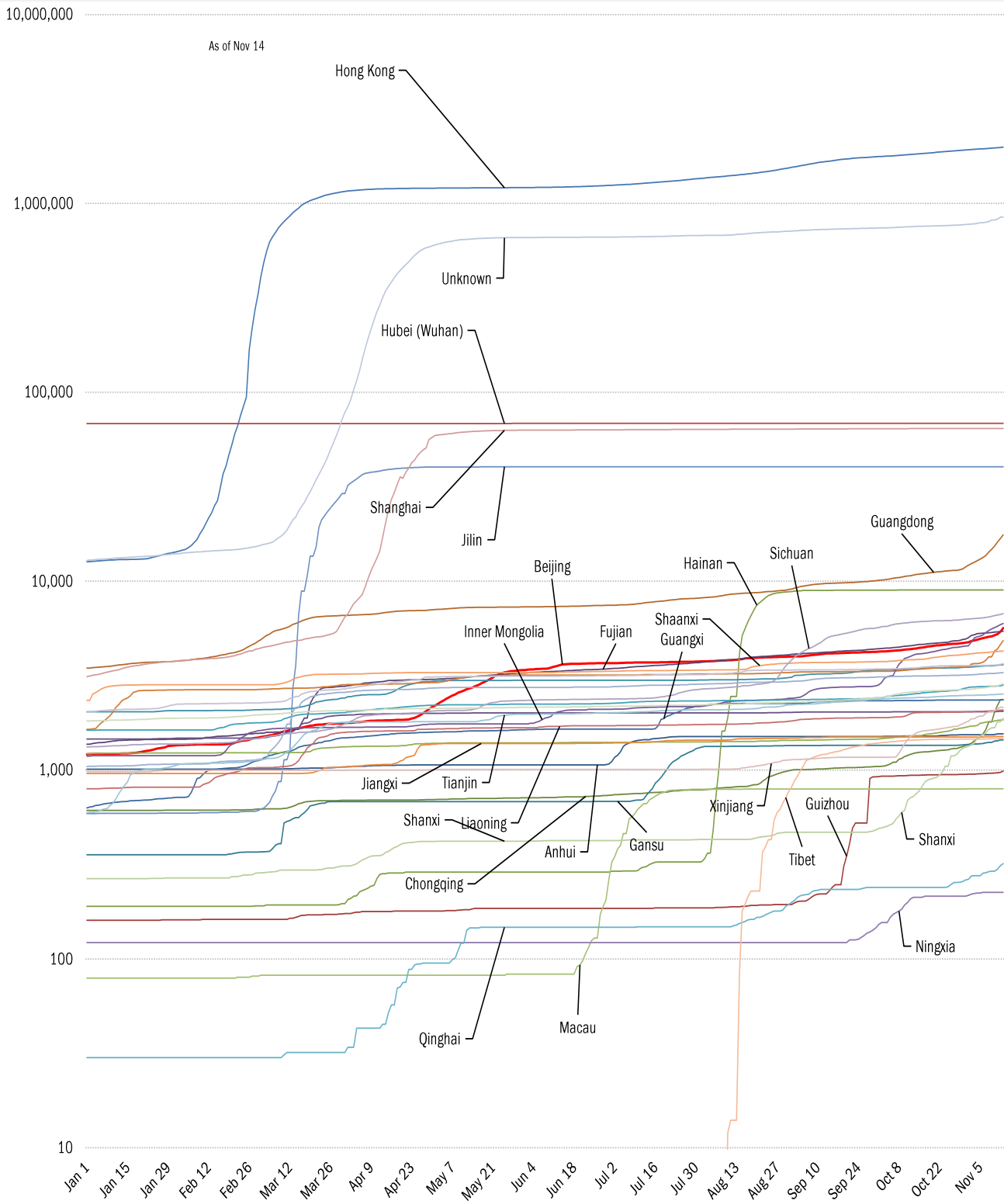
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CA	-806	CA	-38	NY	-150
AR	-12	NJ	-12	CA	-95
AK	0	WA	-8	MA	-92
AL	0	MD	-5	IL	-40
AZ	0	IL	-4	CH	-40



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"

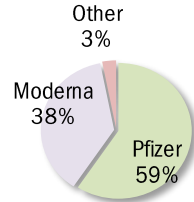


Source: [Johns Hopkins](#), TrendMacro calculations

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

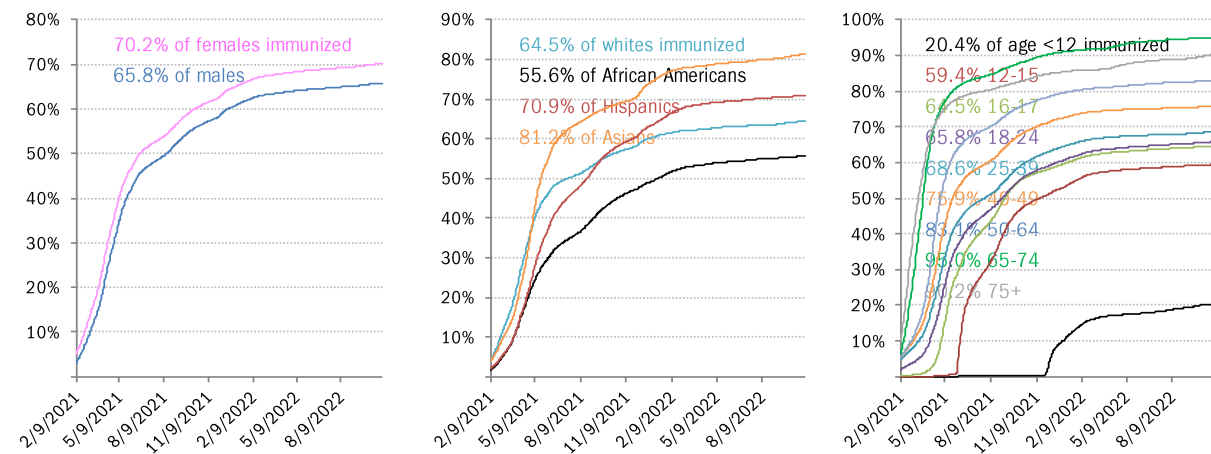
Best
Middle
Worst

Global data differs due to sources, timing

As of Nov 11

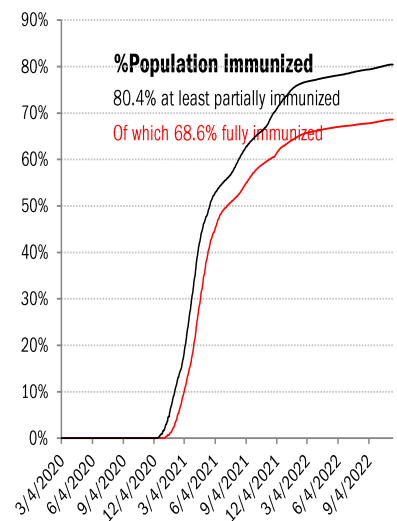
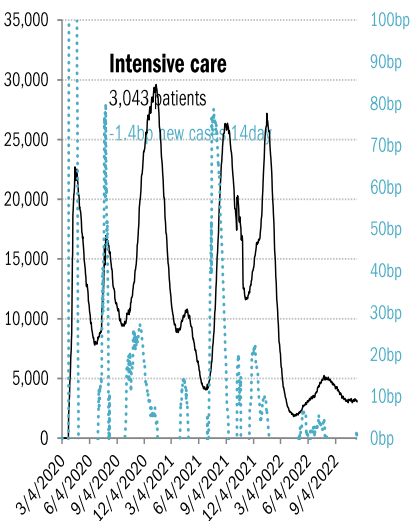
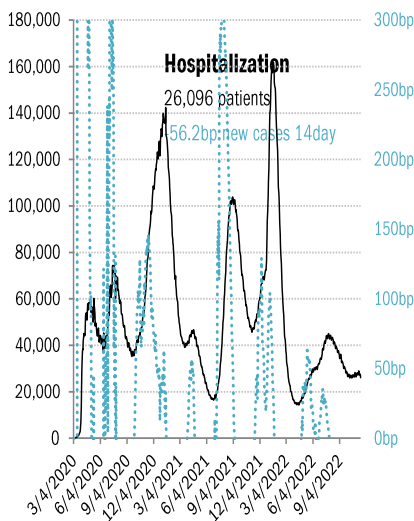
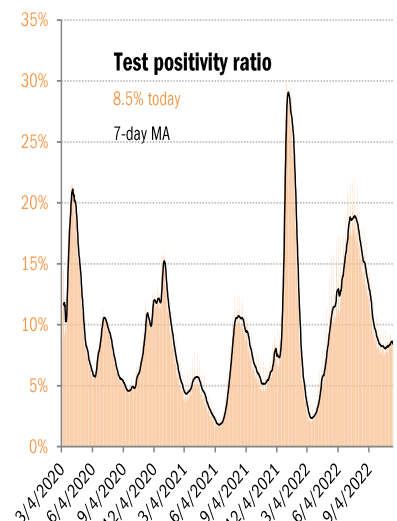
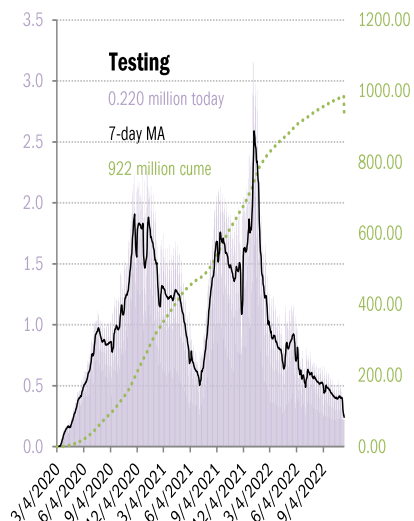
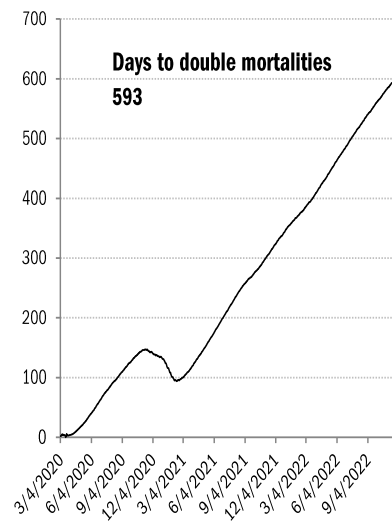
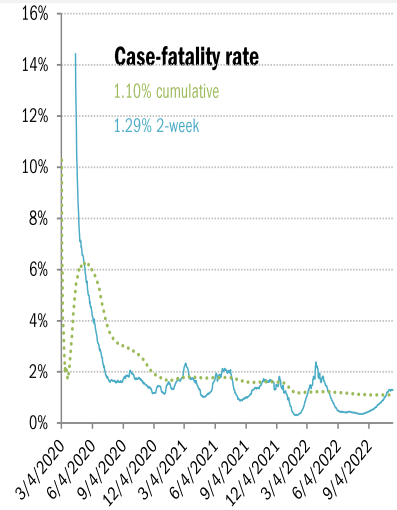
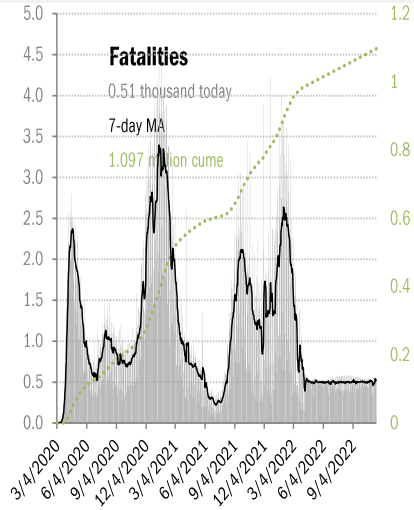
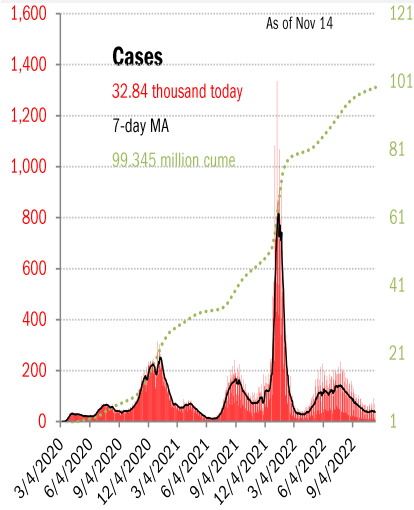
					WI							ME
					74.3%							95.0%
					67.6%							82.4%
WA	ID	MT	ND	MN	IL	MI				NY	VT	NH
84.2%	63.3%	67.5%	68.5%	77.9%	78.5%	68.9%				93.4%	95.0%	86.2%
75.2%	56.0%	58.6%	57.9%	71.4%	70.7%	61.9%				79.8%	84.4%	70.5%
OR	NV	WY	SD	IA	IN	OH	PA			NJ	MA	
80.5%	78.0%	60.3%	82.3%	70.0%	63.8%	65.2%	89.2%			93.6%	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

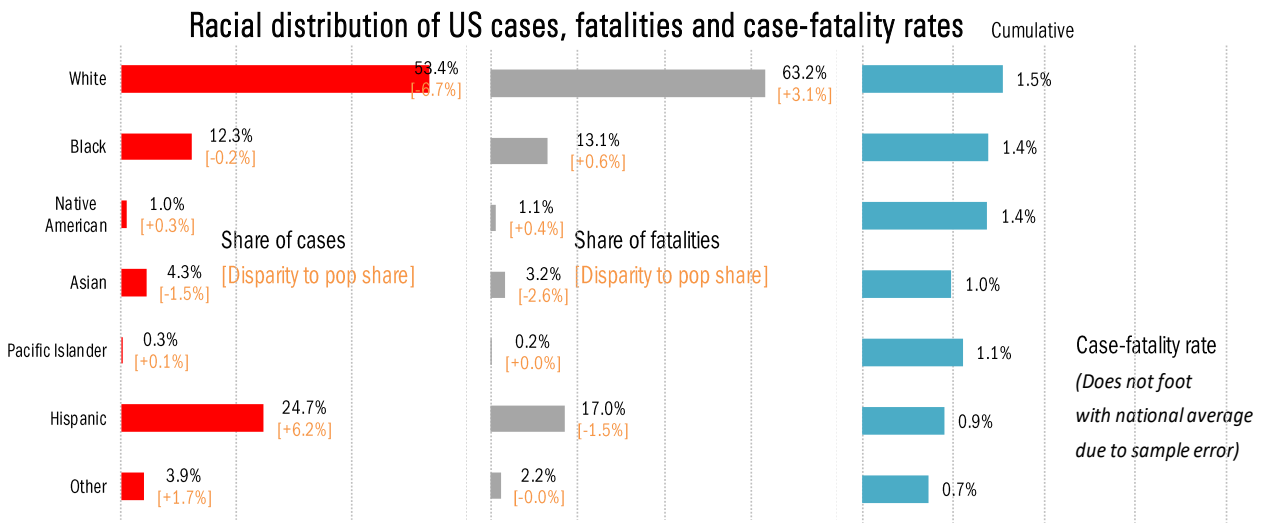
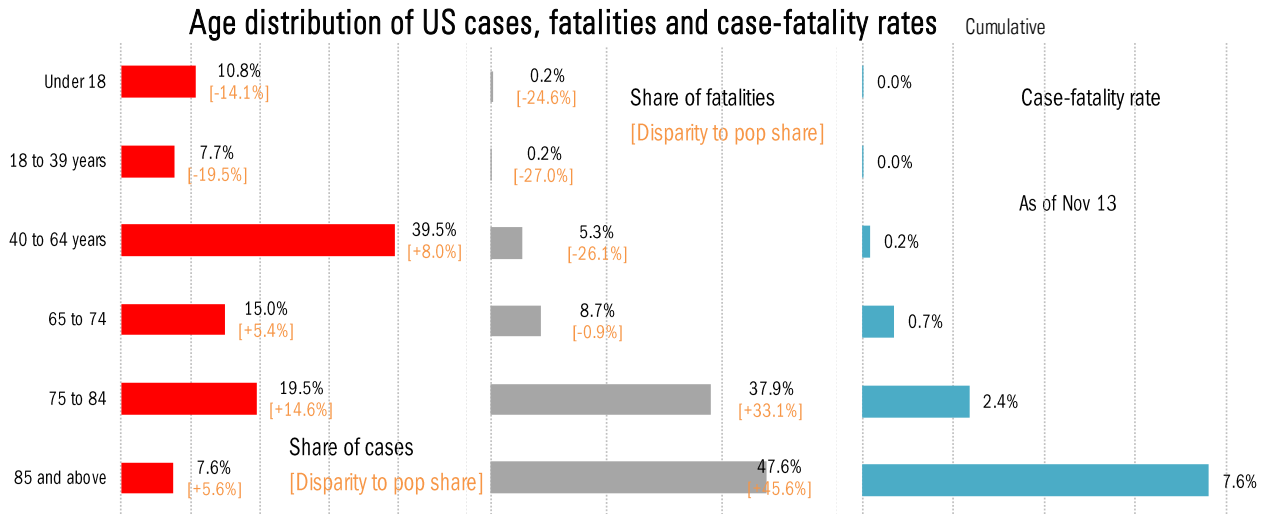


Source: CDC, CDC, Our World in Data, TrendMacro calculations

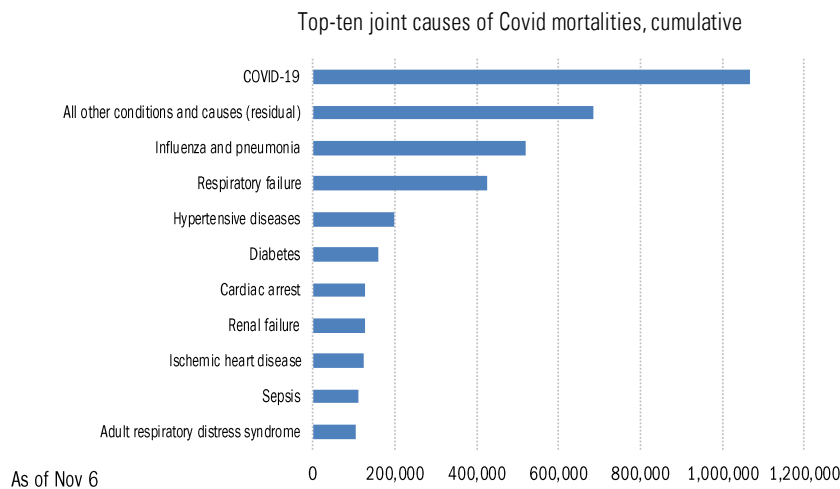
US deep-dive



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

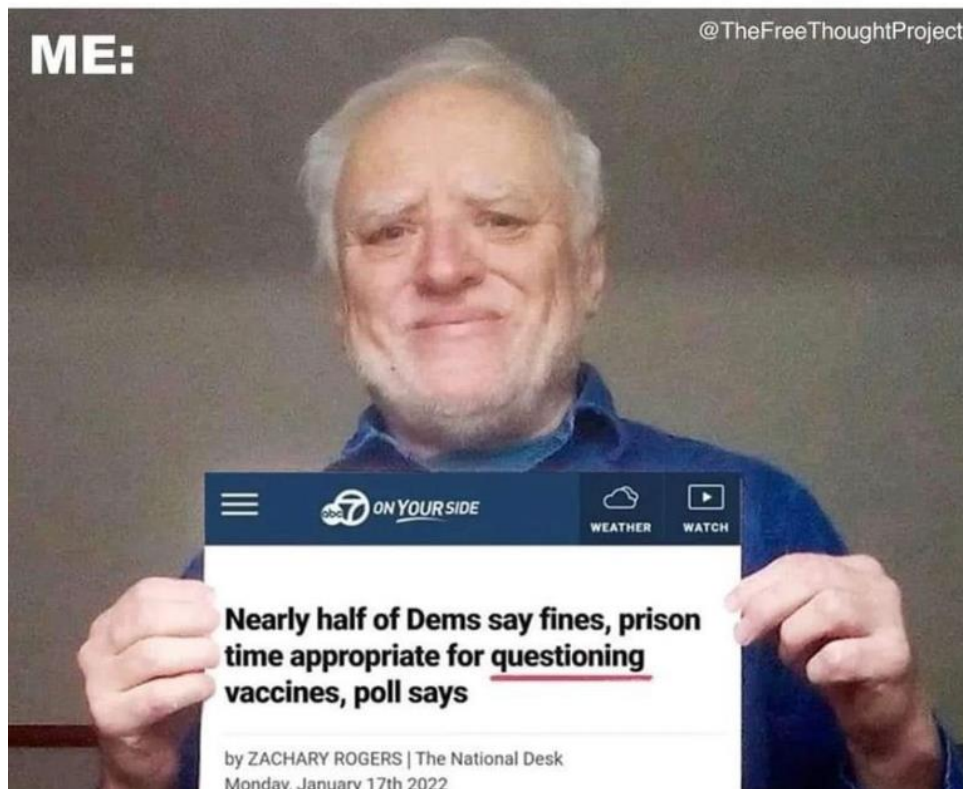
[Residents 'revolt' over oppressive Covid lockdowns in China's Guangzhou](#)

Simone McCarthy and Kathleen Magramo,
CNN

November 15, 2022

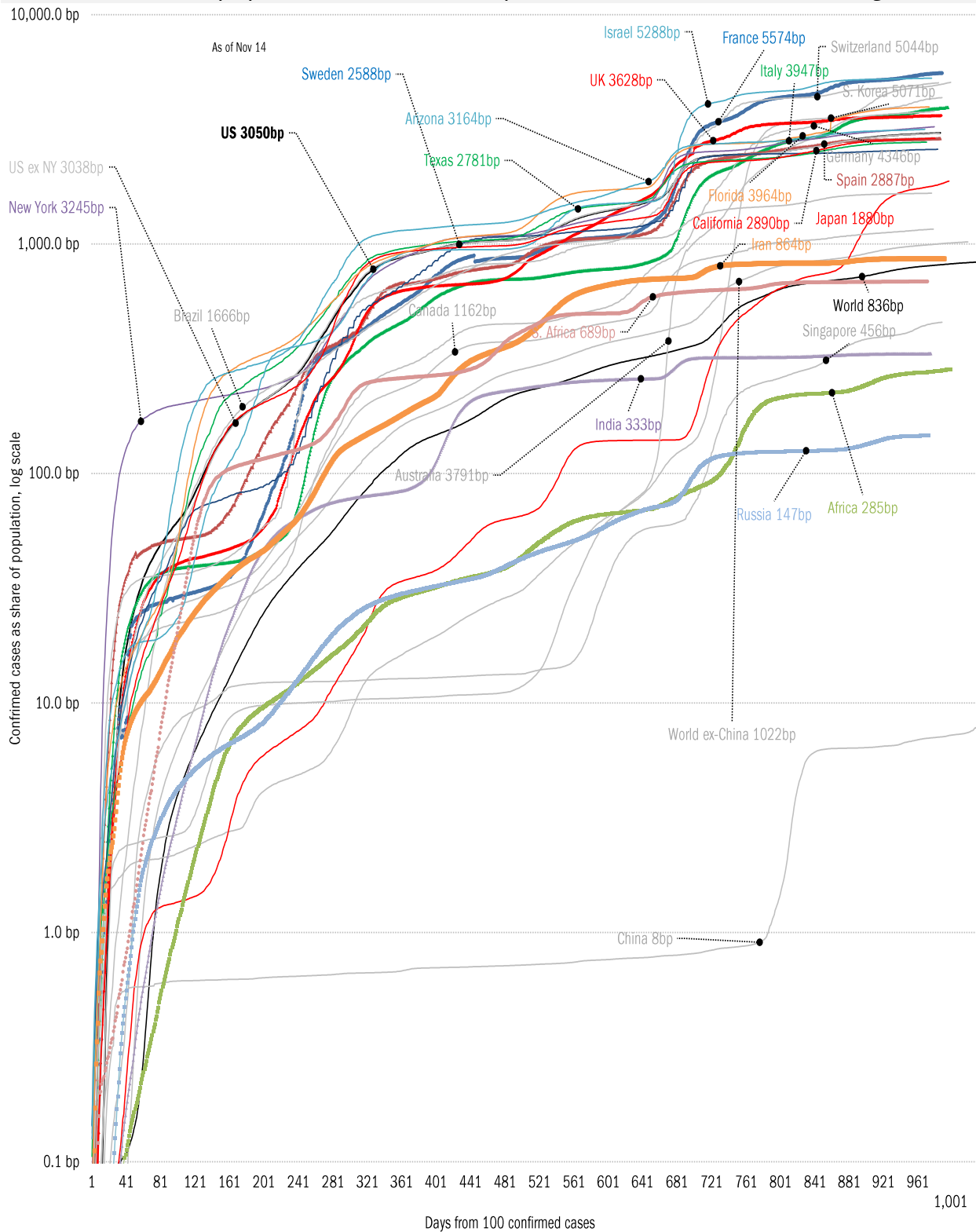
Meme of the day

The Left: “Why won’t you grant us Amnesty for COVID?”



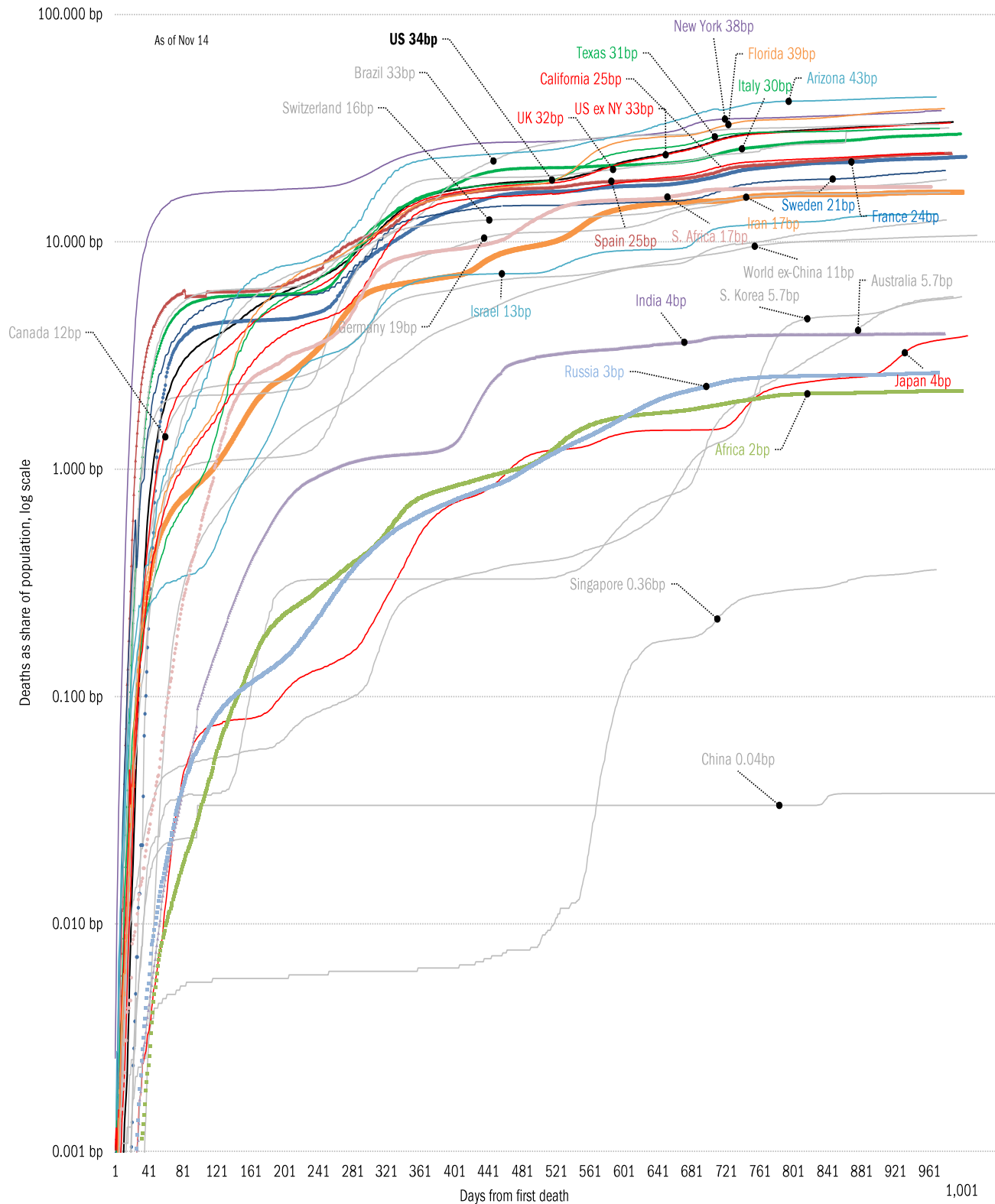
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

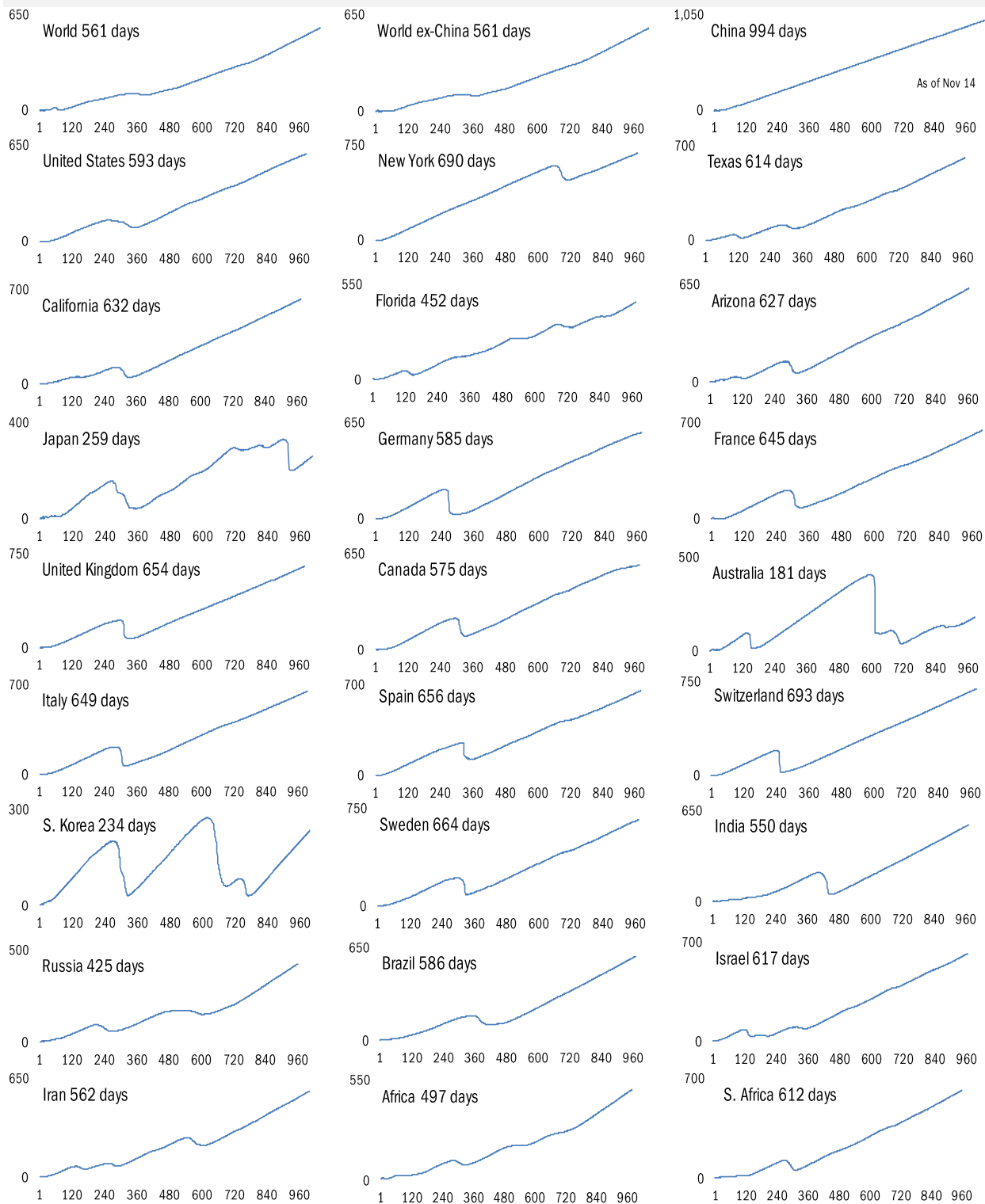


Source: [Johns Hopkins](#), TrendMacro calculations

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

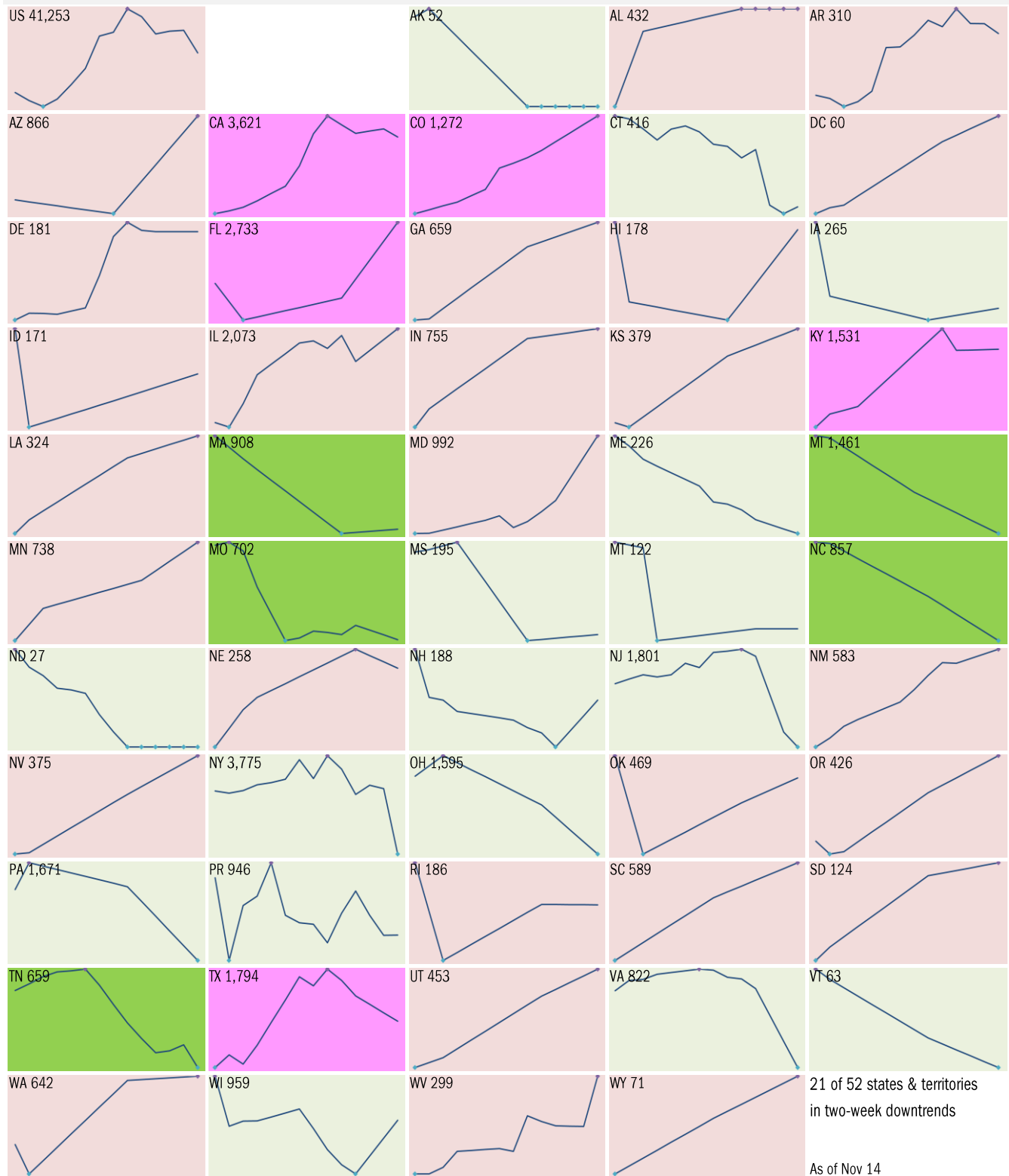


Source: [Johns Hopkins](#), TrendMacro calculations

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

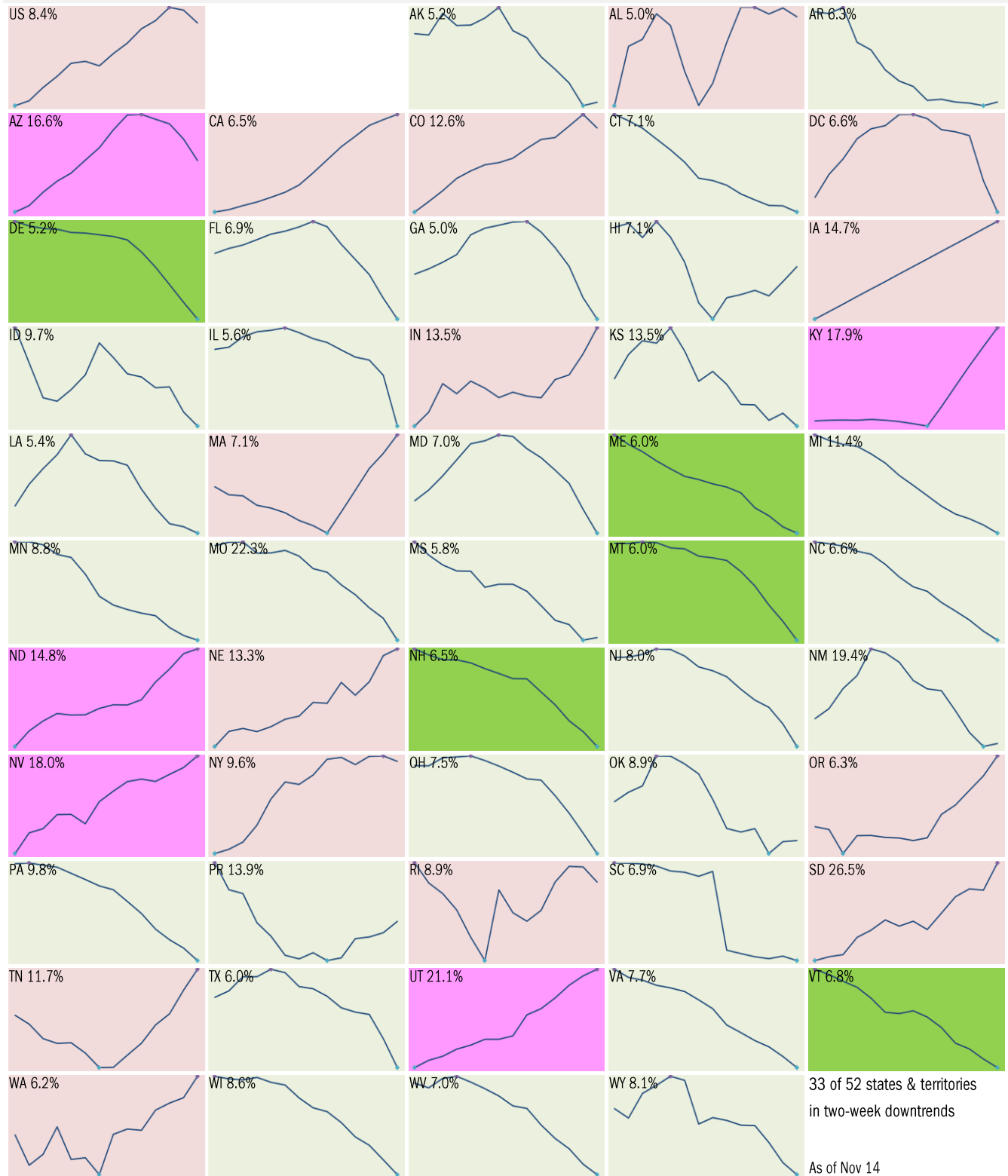


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

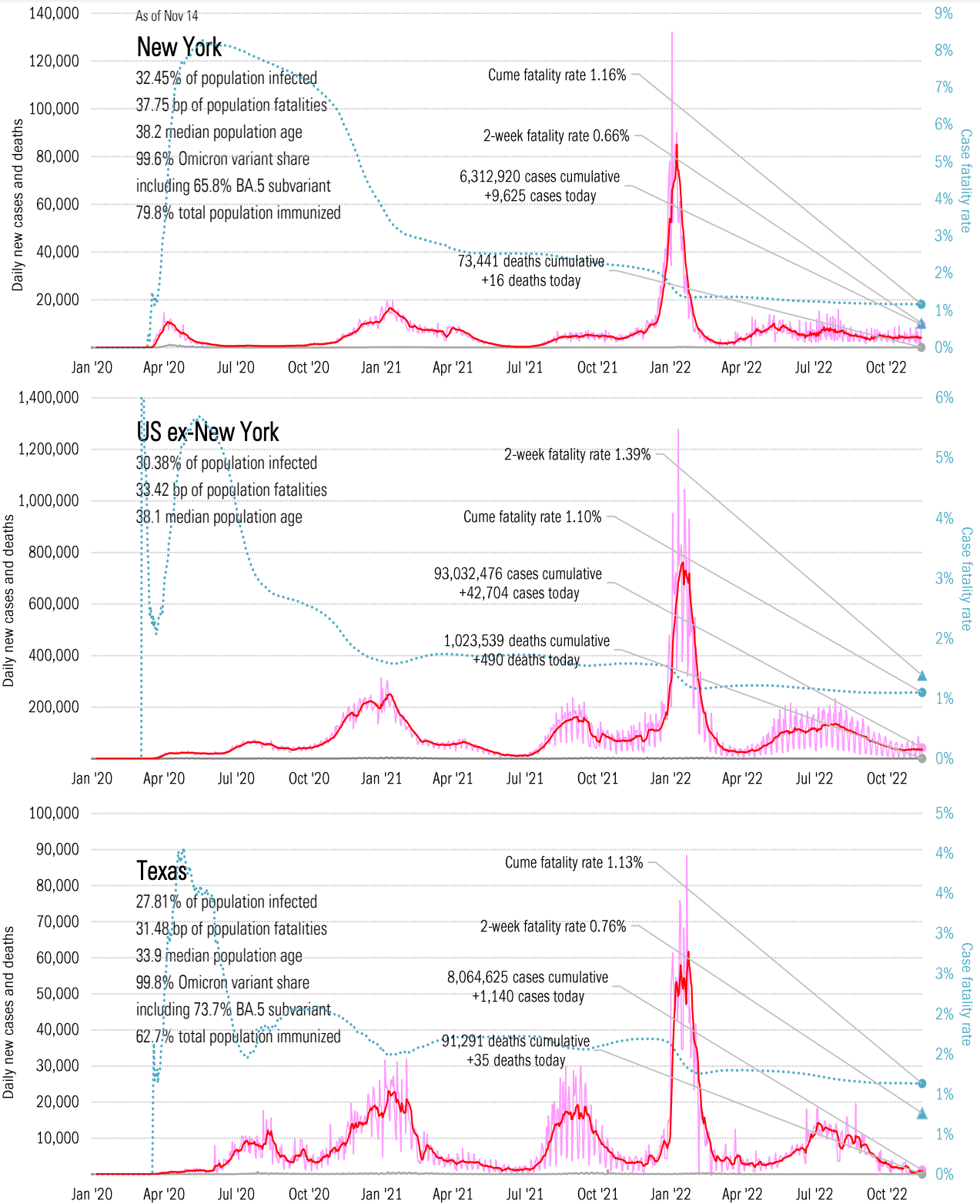
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

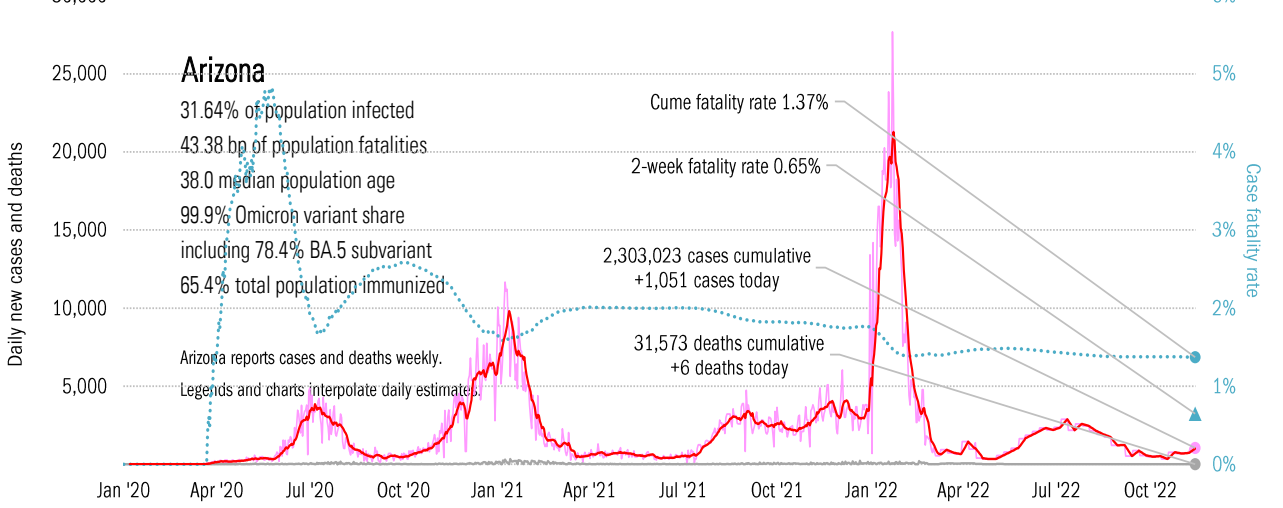
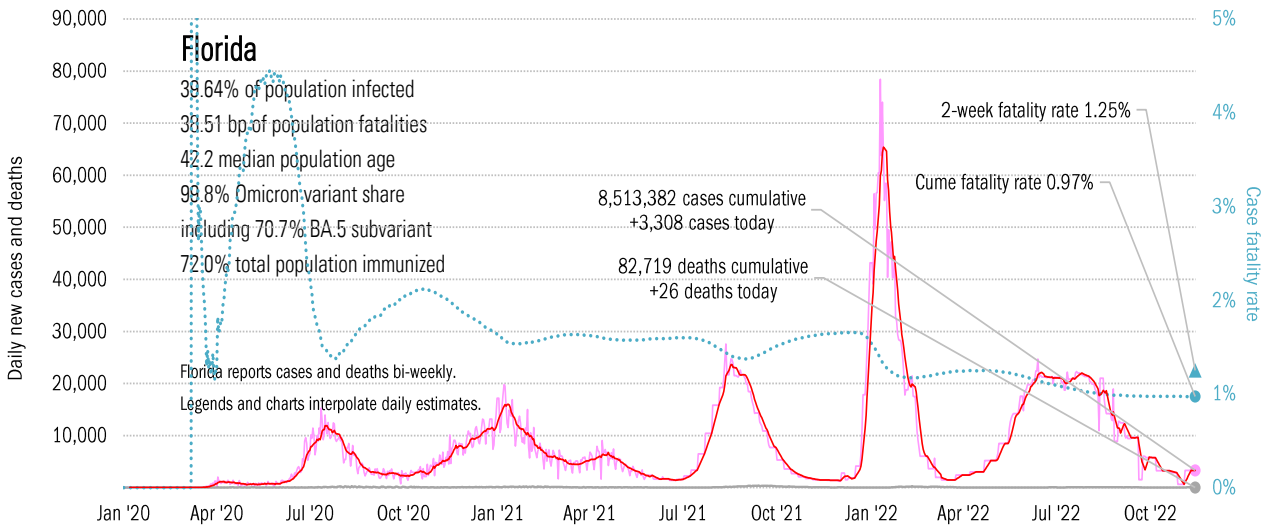
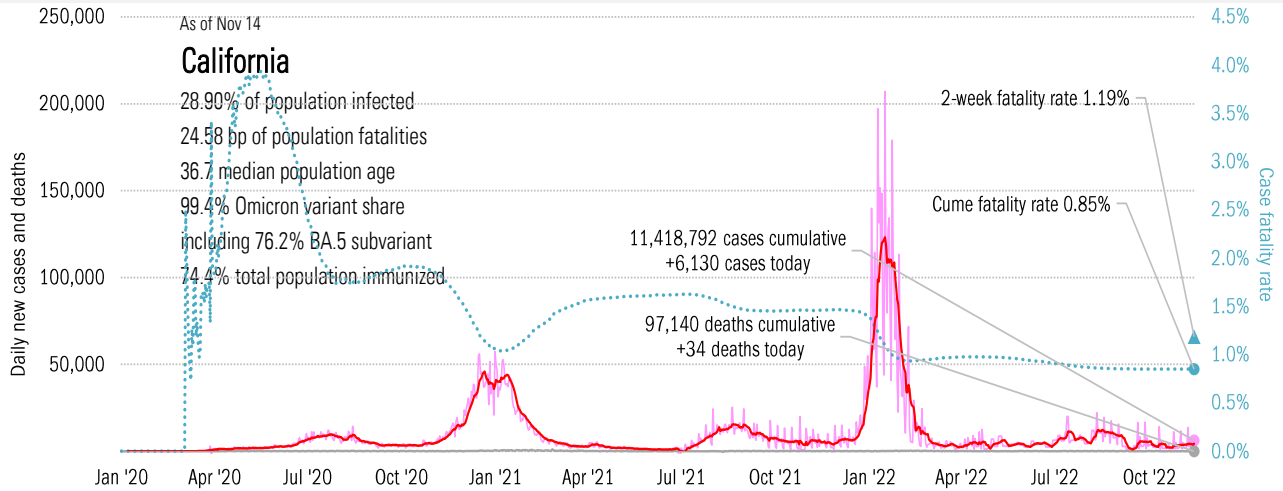
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

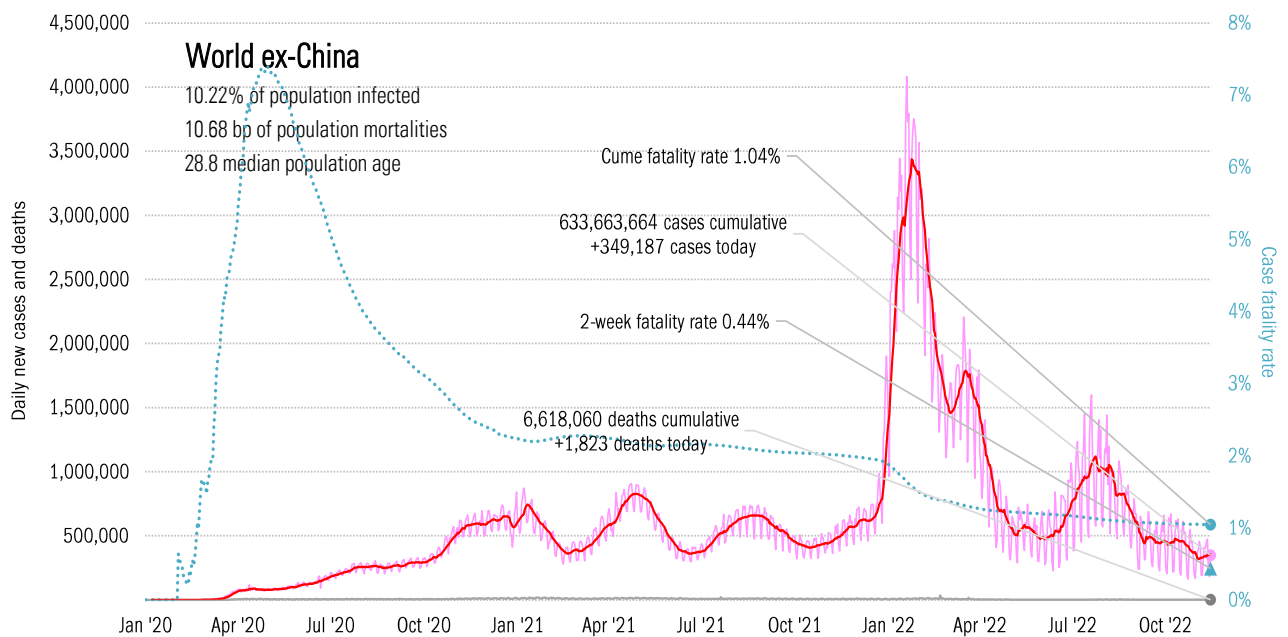
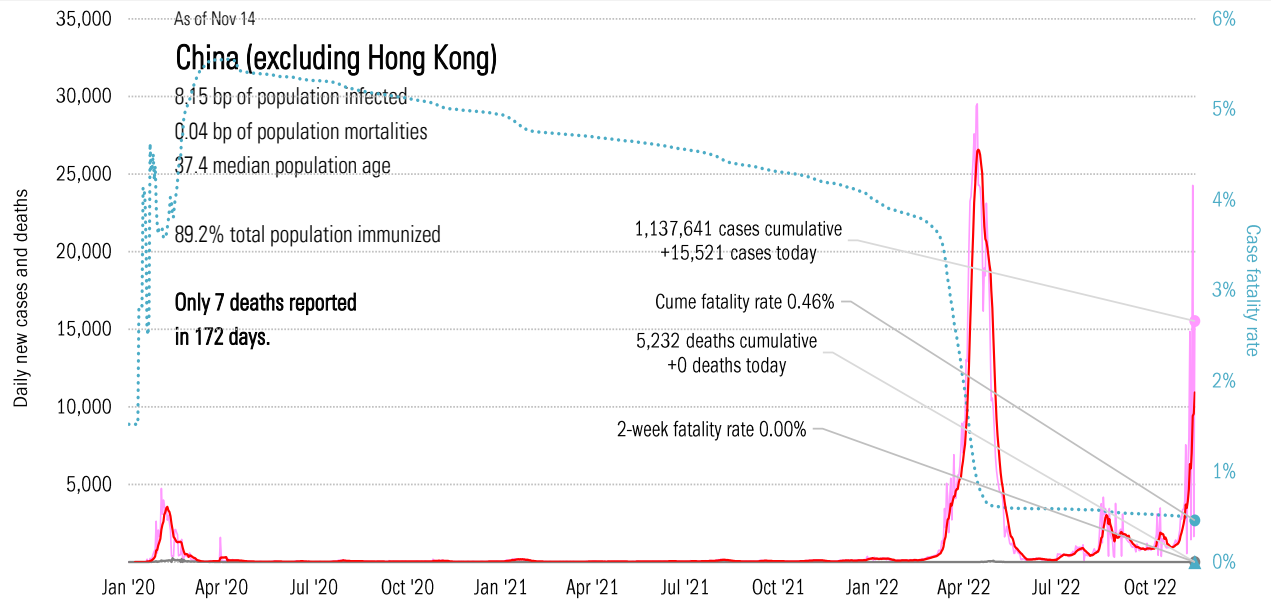
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

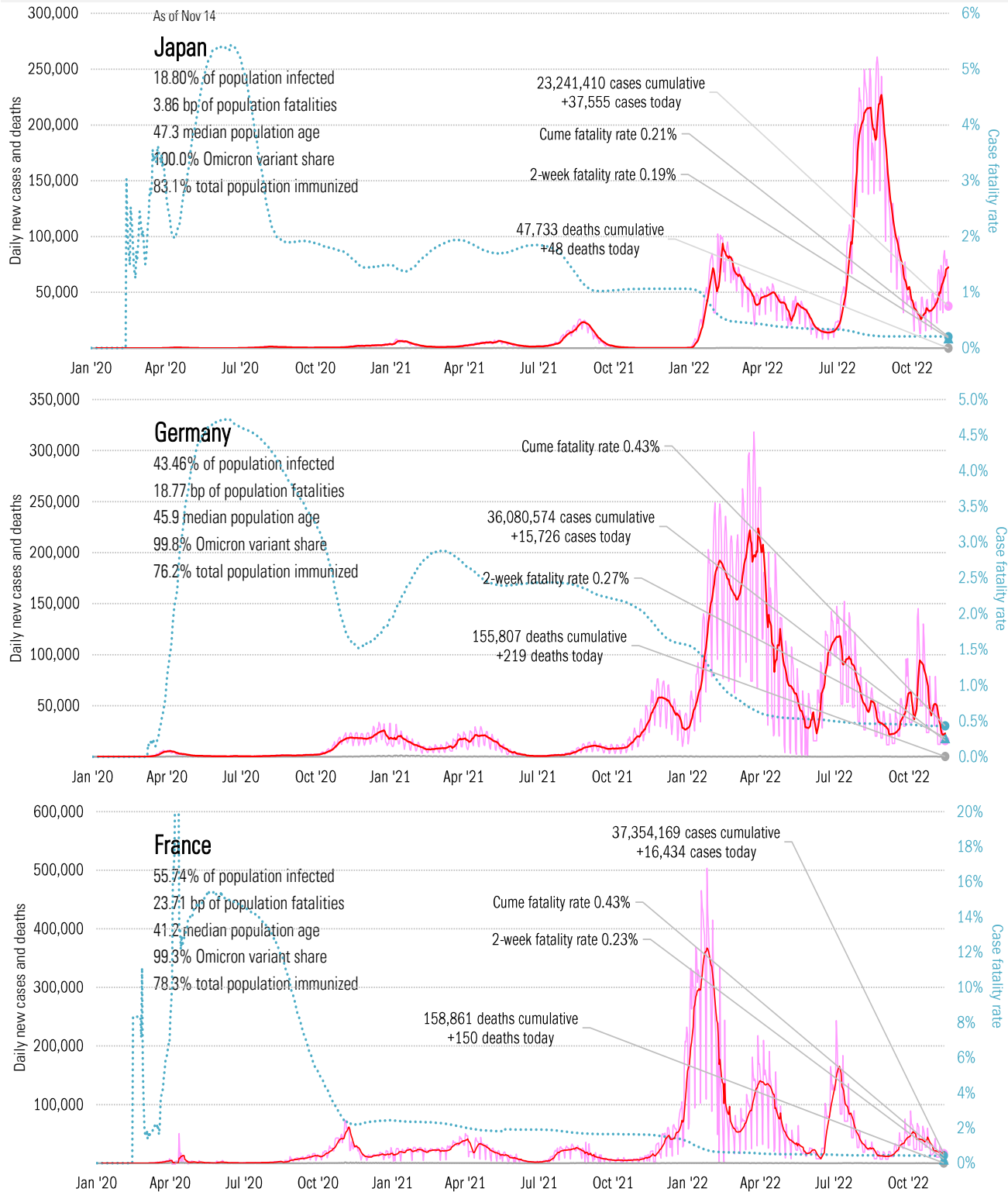
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

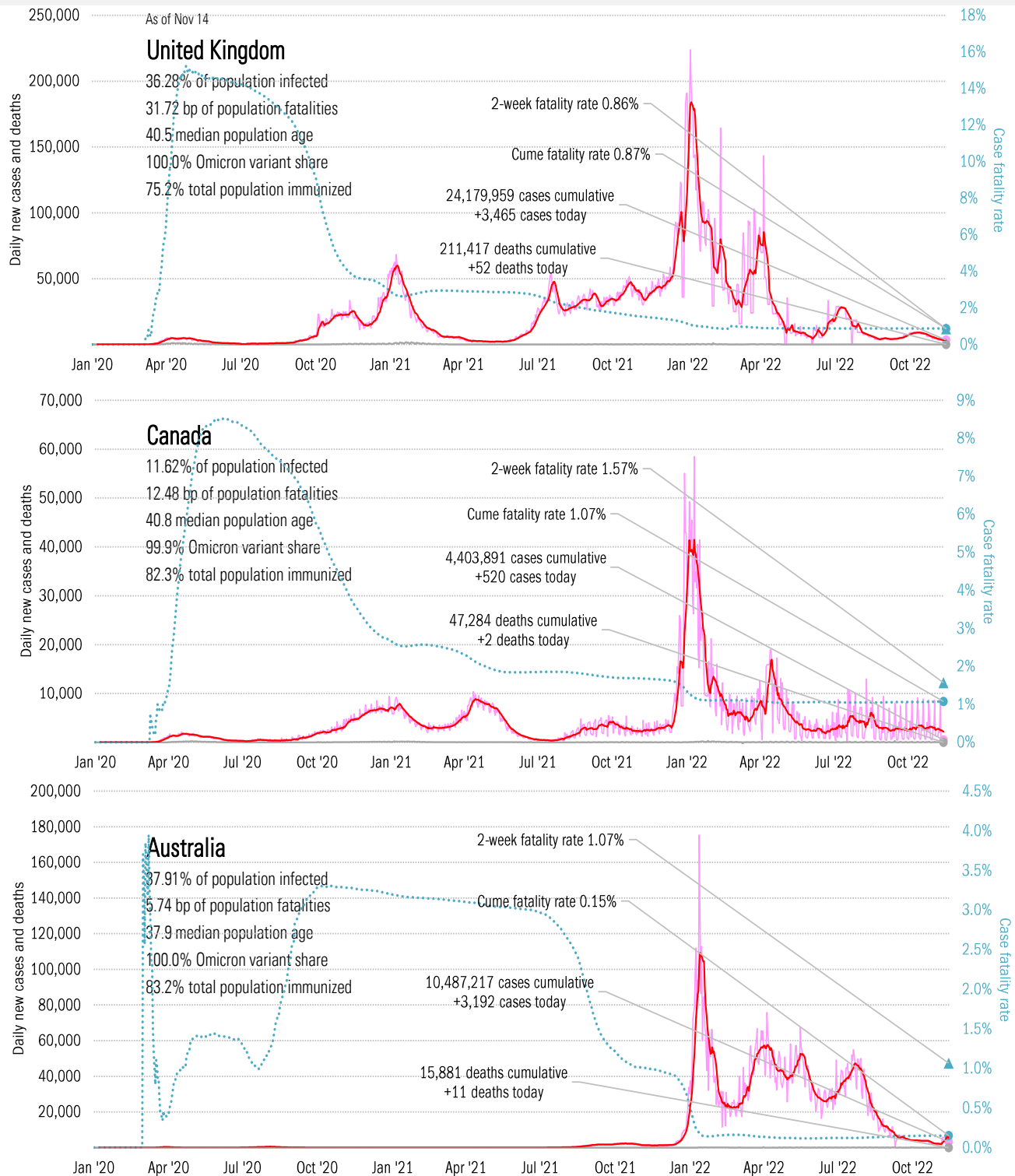
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

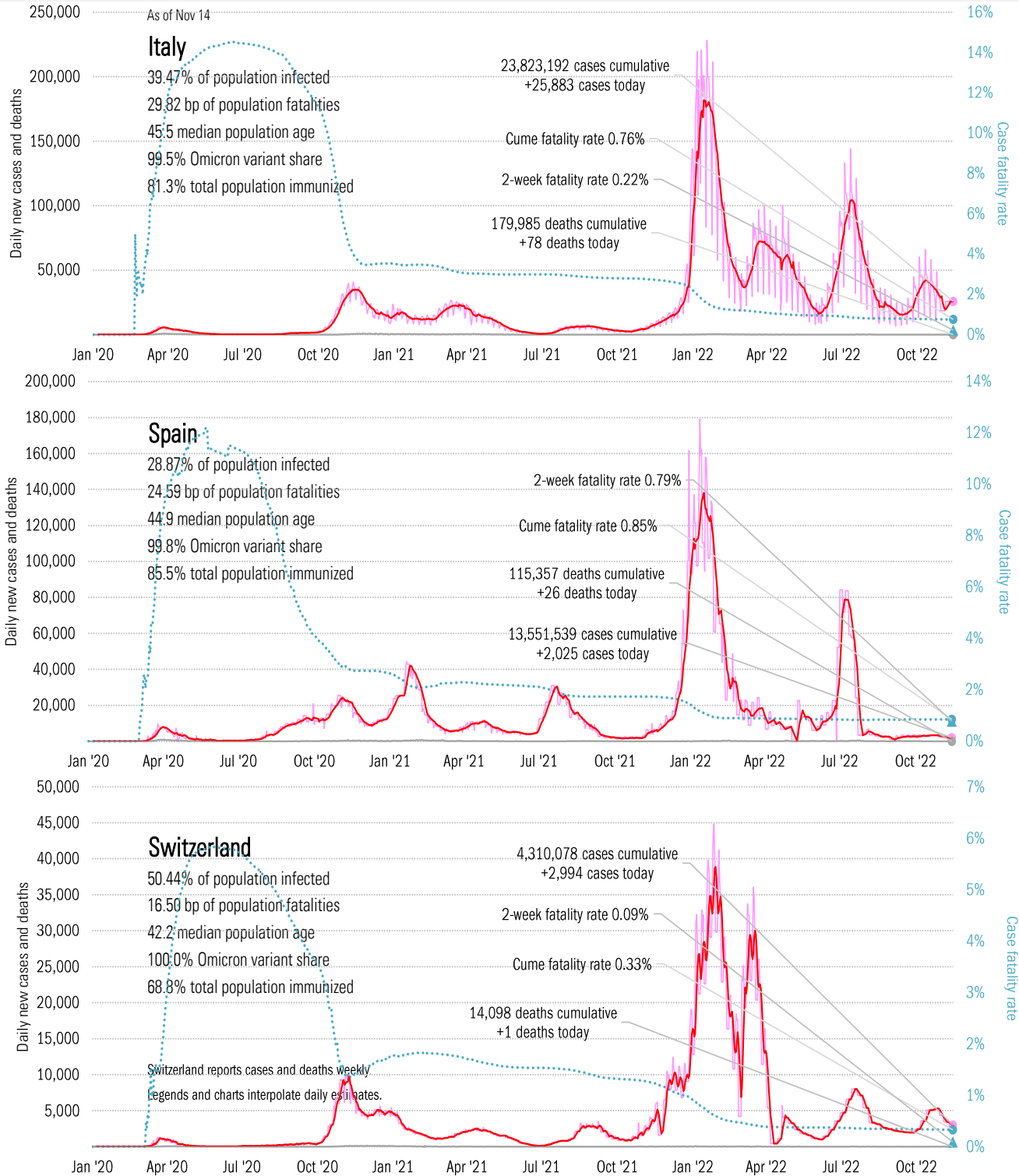
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

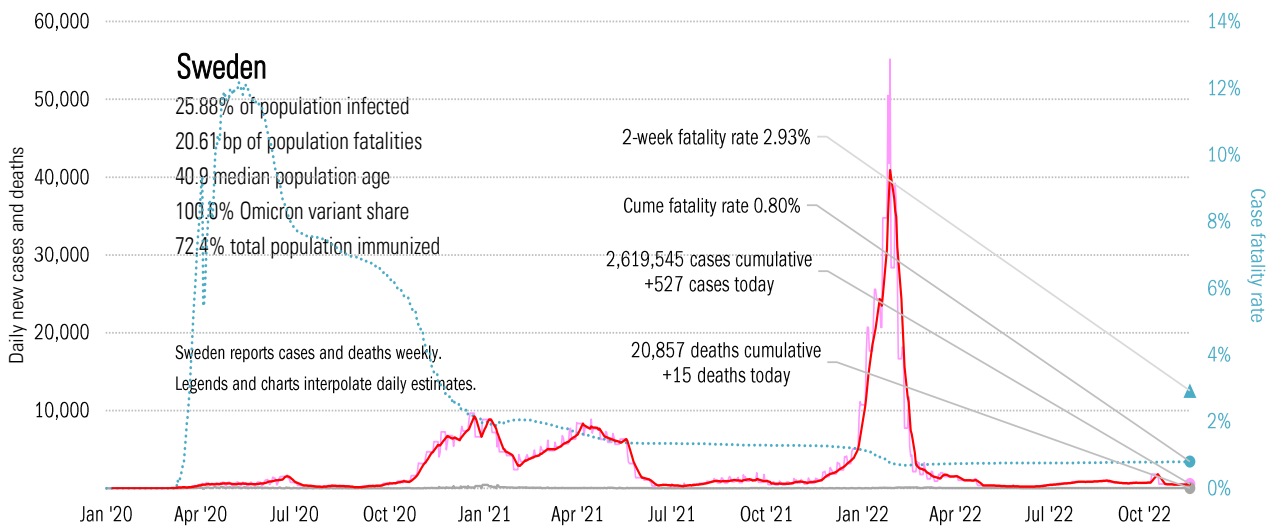
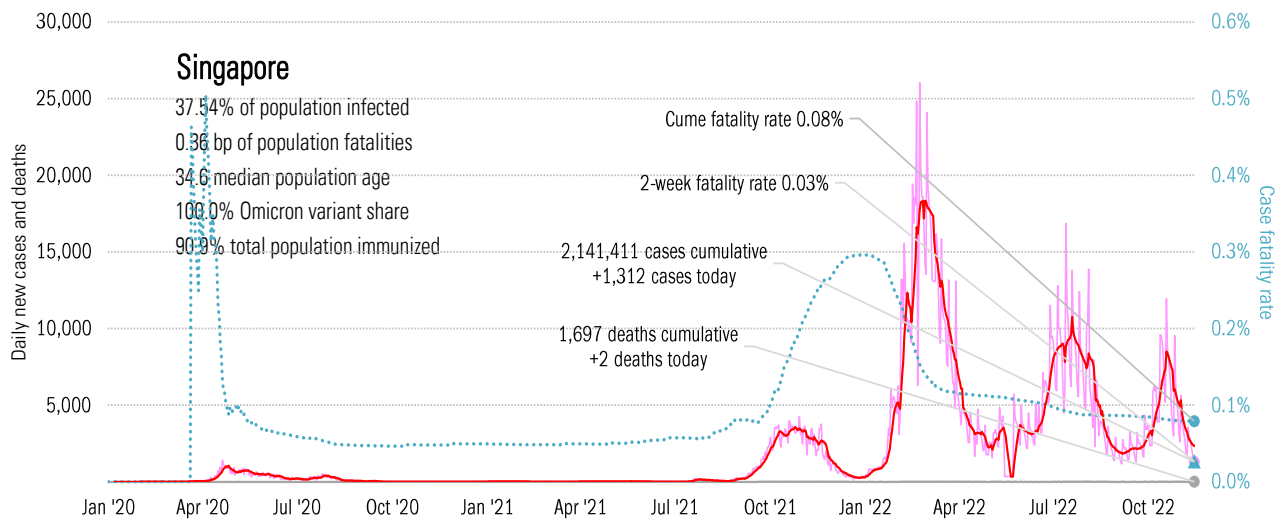
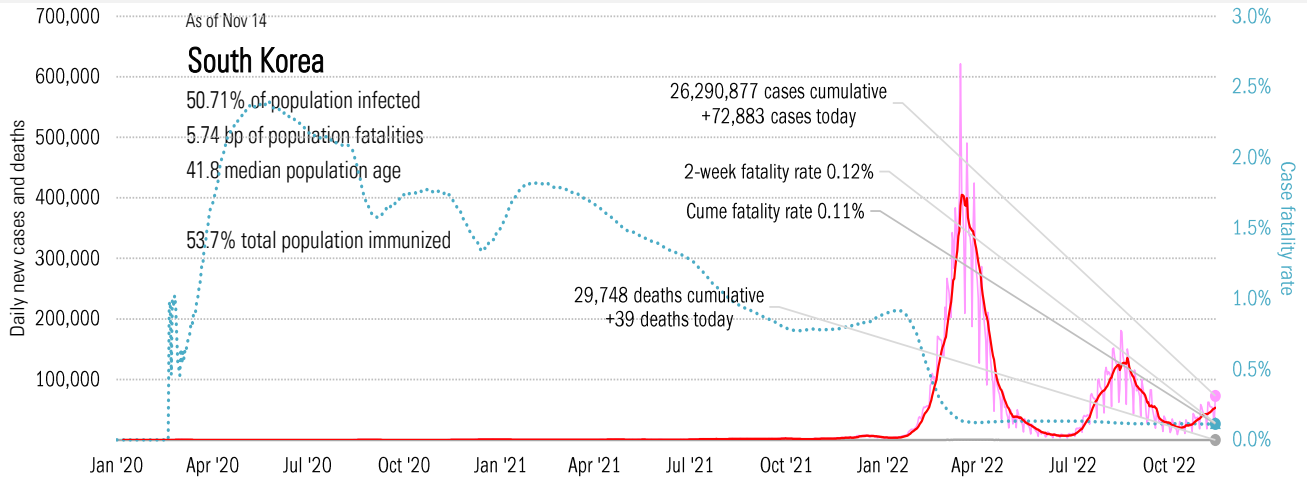
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

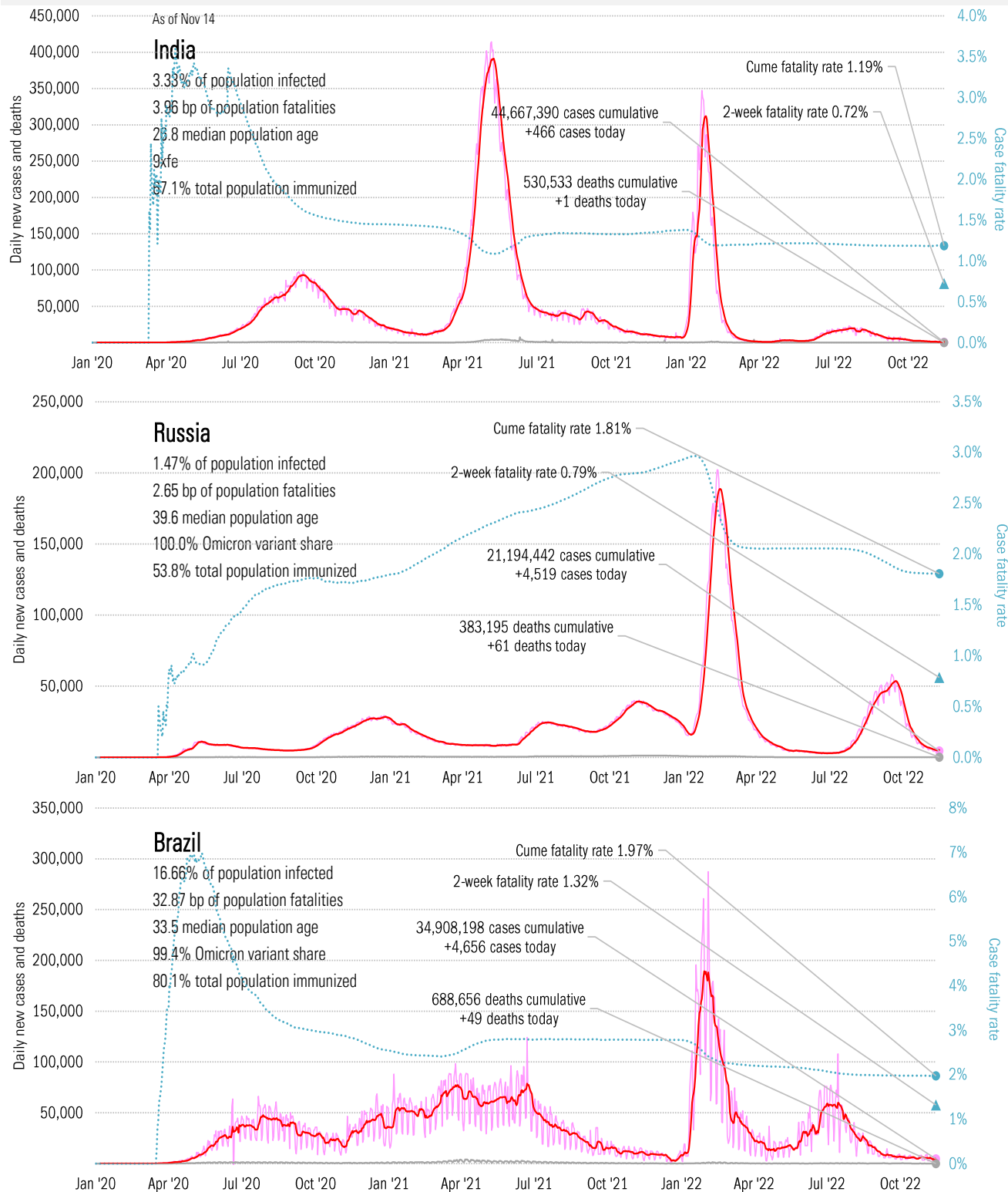
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

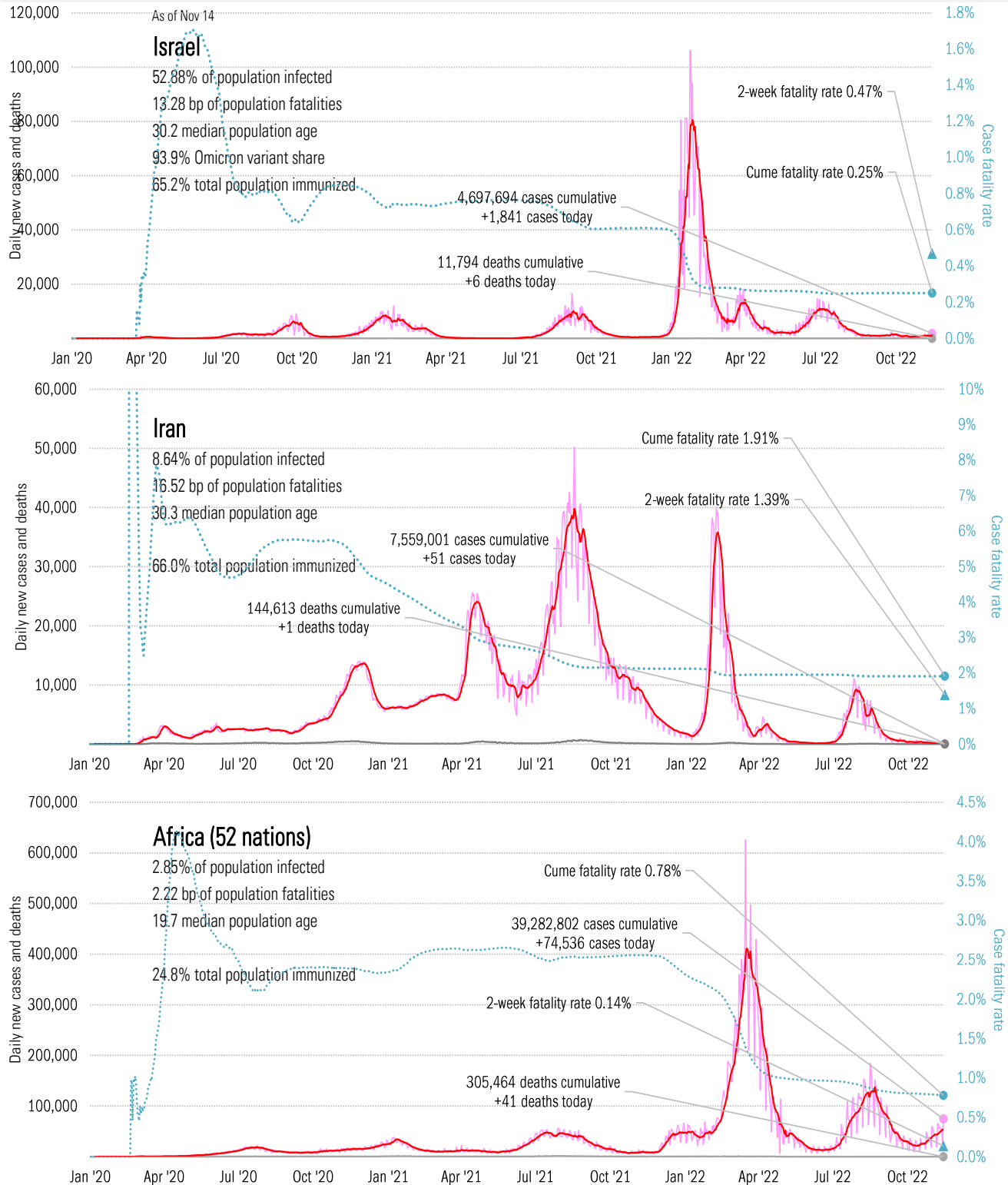
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

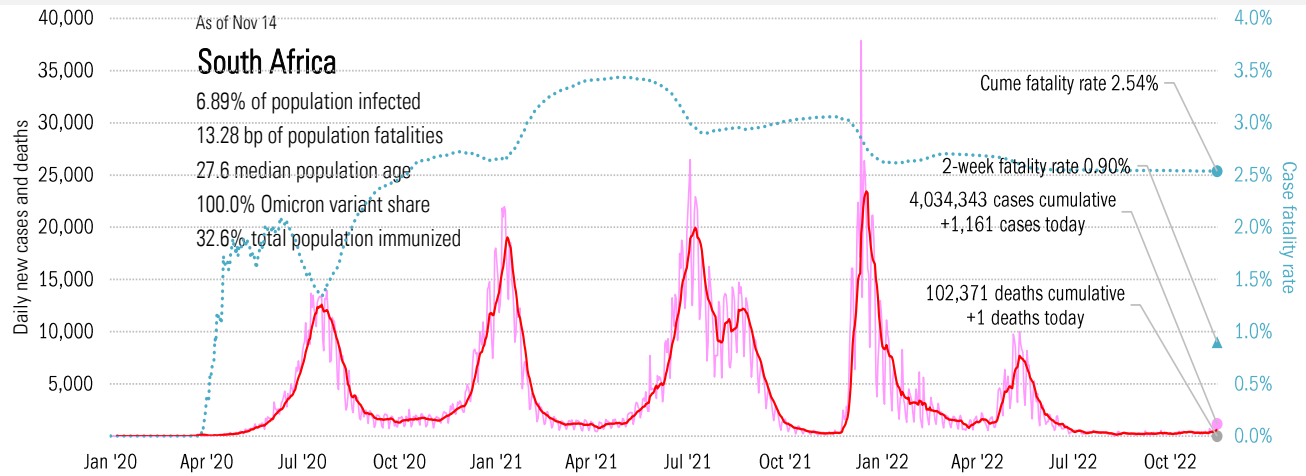
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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