

Data Insights: Covid-2019 Monitor

Friday, November 4, 2022

The global scorecard

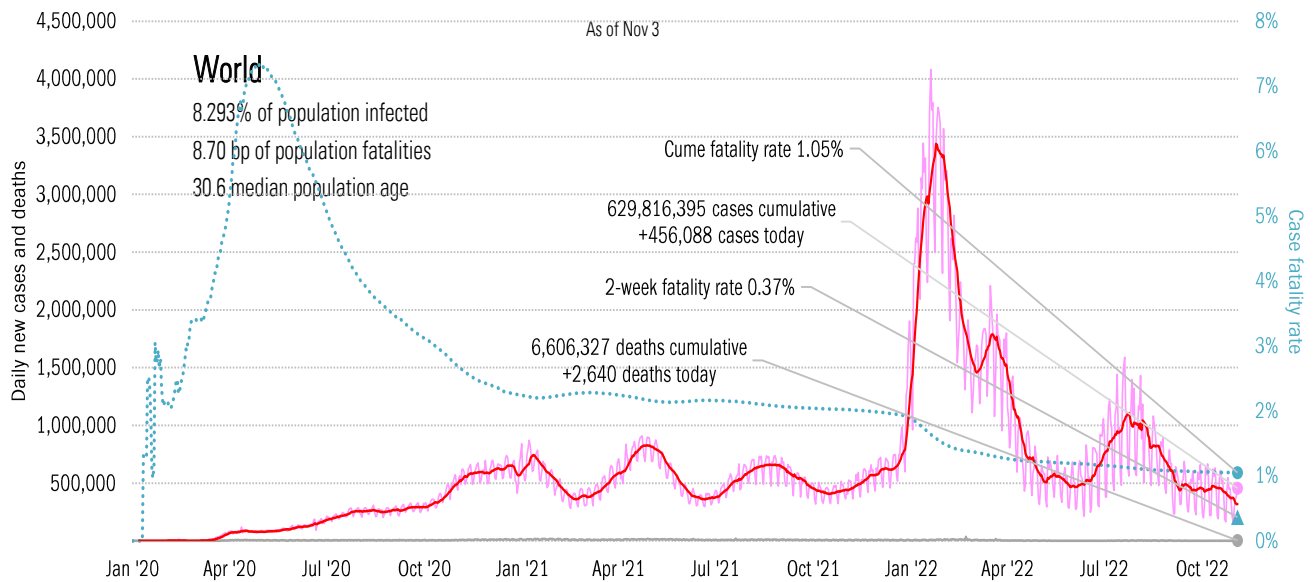
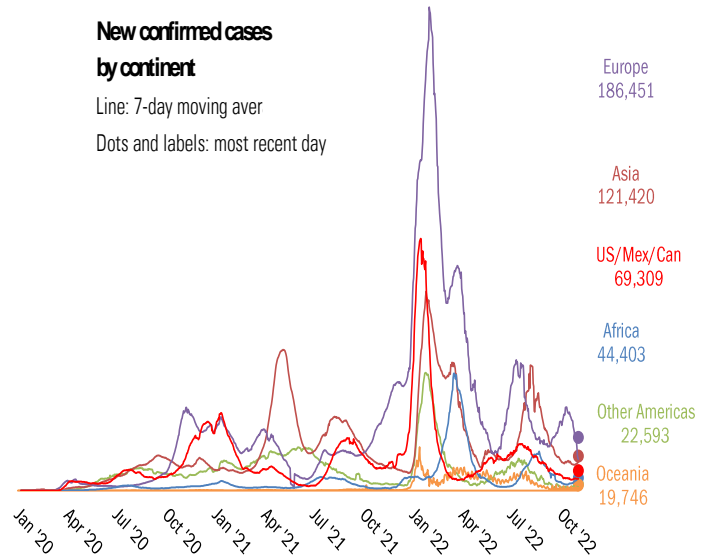
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	68,968	United Kingdom	740
Japan	67,473	United States	394
Germany	56,635	Germany	233
Korea, South	43,424	Ukraine	179
France	42,059	Finland	173
United Kingdom	31,644	Canada	158
Taiwan*	29,952	Sweden	94
Australia	19,708	Taiwan*	81
Ukraine	16,432	Russia	72
Finland	11,984	Japan	69
388,279		2,193	
World	456,088	World	2,640
Top ten	85%	Top ten	83%

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:

Donald Luskin: 214 550 2121 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

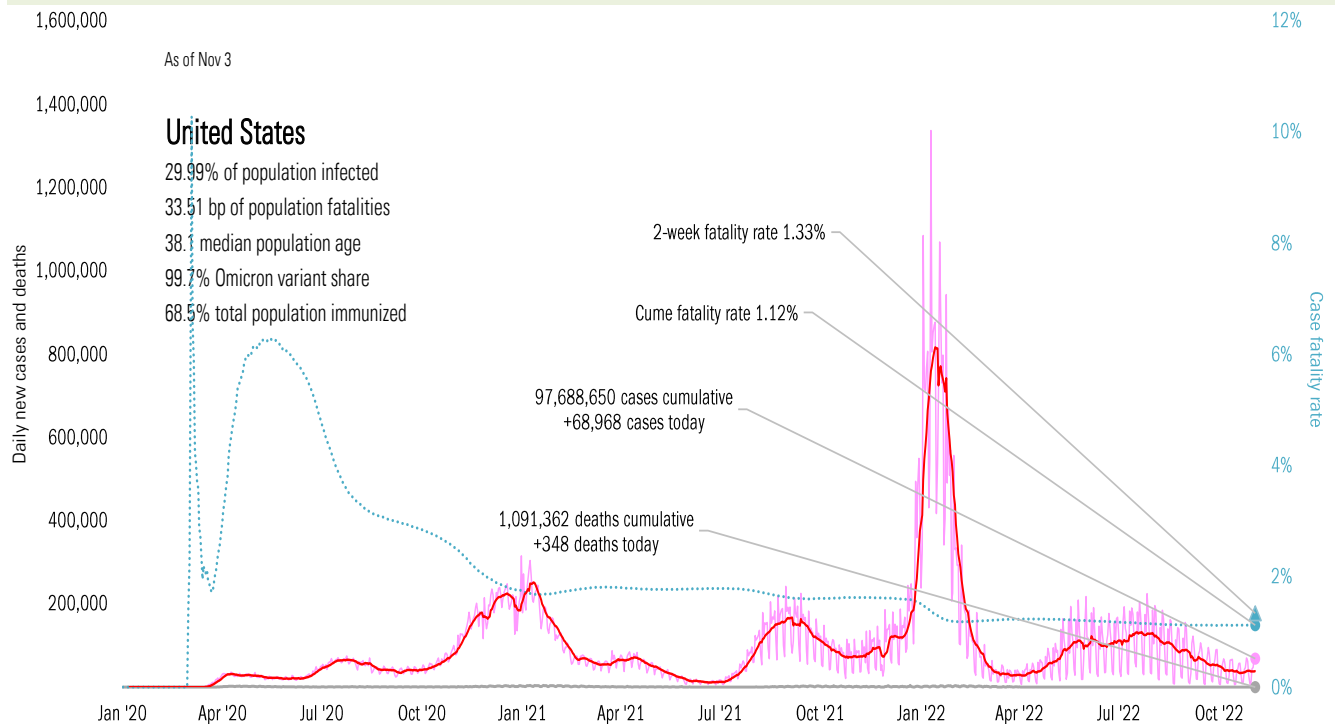
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CH	12,262		CA	93		CA	304		CA	11,385,679		CA	96,998		TX	551,242		RI	91%	VT	90%
MA	6,200		NY	38		CO	86		TX	8,043,873		TX	91,206		CA	508,671		MA	89%	MA	88%
NY	5,489		MI	22		AZ	73		FL	7,200,901		FL	82,380		FL	499,486		GA	86%	AK	87%
CA	5,076		WA	20		PA	220		NY	6,264,831		NY	73,255		NY	311,601		MO	85%	AL	87%
MN	5,038		PA	19		LA	55		IL	3,821,440		PA	47,840		GA	228,196		WV	84%	TX	87%
IL	3,110		CT	15		WI	100		PA	3,317,854		GA	40,696		CH	223,532		MN	84%	GA	83%
CK	2,894		MA	12		KY	69		NC	3,246,175		CH	40,249		PA	209,742		WA	84%	RI	83%
UT	2,410		DE	11		WV	29		CH	3,197,300		IL	40,040		IL	191,584		DE	83%	NC	82%
NJ	2,392		NM	11		AL	47		GA	2,924,732		MI	39,406		MI	167,216		NH	83%	WA	81%
PA	1,781		GA	10		MS	15		MI	2,897,827		NJ	34,926		KY	146,657		MD	82%	DC	81%
46,652			251			998			52,300,612			586,996			3,037,927						
All states 68,968			394			3,608			All states 97,688,650			1,091,362			5,515,602			All states 70%		67%	
Top ten 68%			64%			28%			Top ten 54%			55%			55%			Median 78%		74%	

Some states not reporting

Five most improved US states

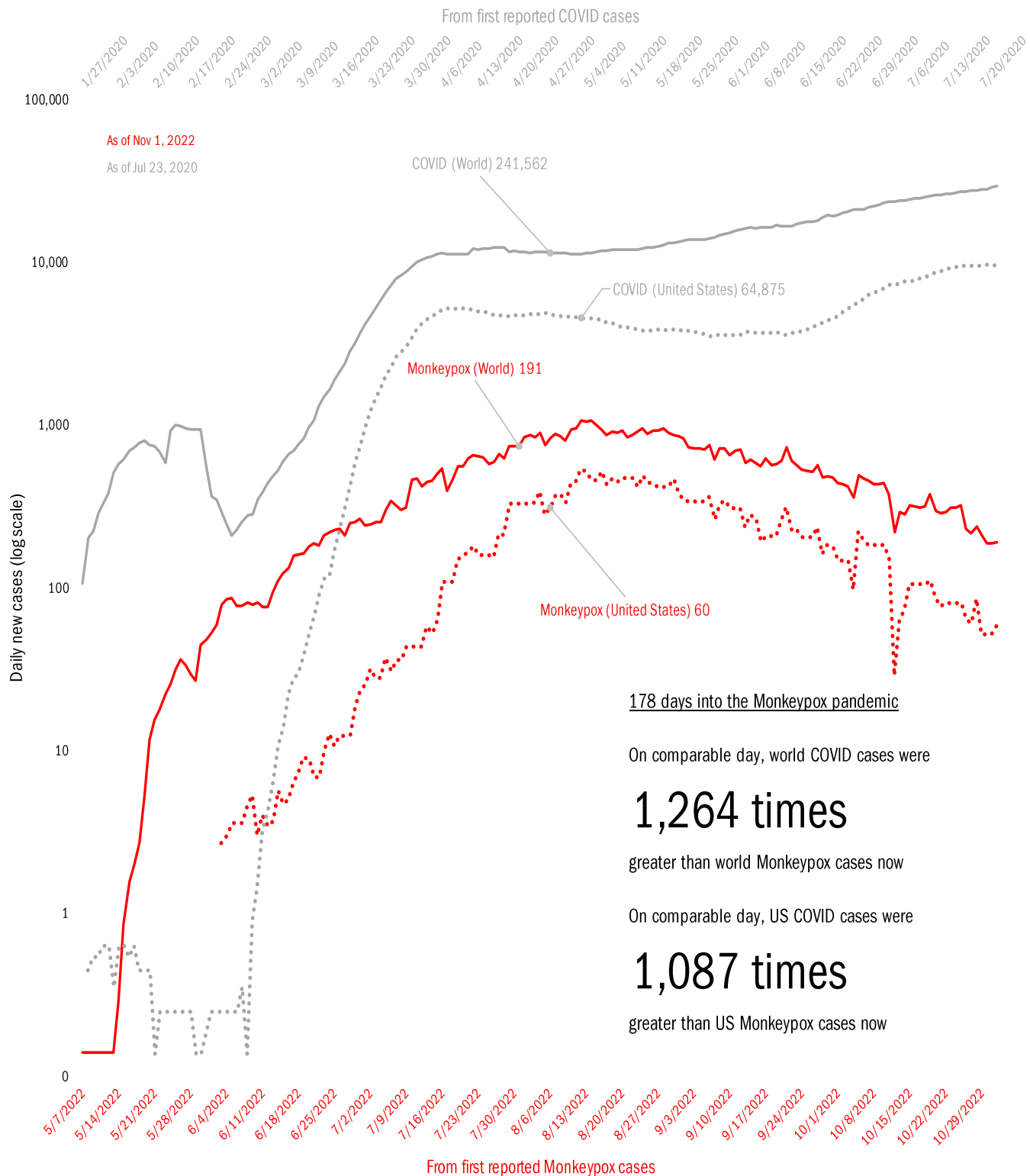
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
TX	-2,685	NC	-40	FL	-81
KY	-525	TX	-12	CH	-36
ME	-157	MD	-4	OR	-34
MO	-148	NH	-4	IA	-25
AR	-115	AZ	-4	CT	-19



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

The Monkeypox contextualizer

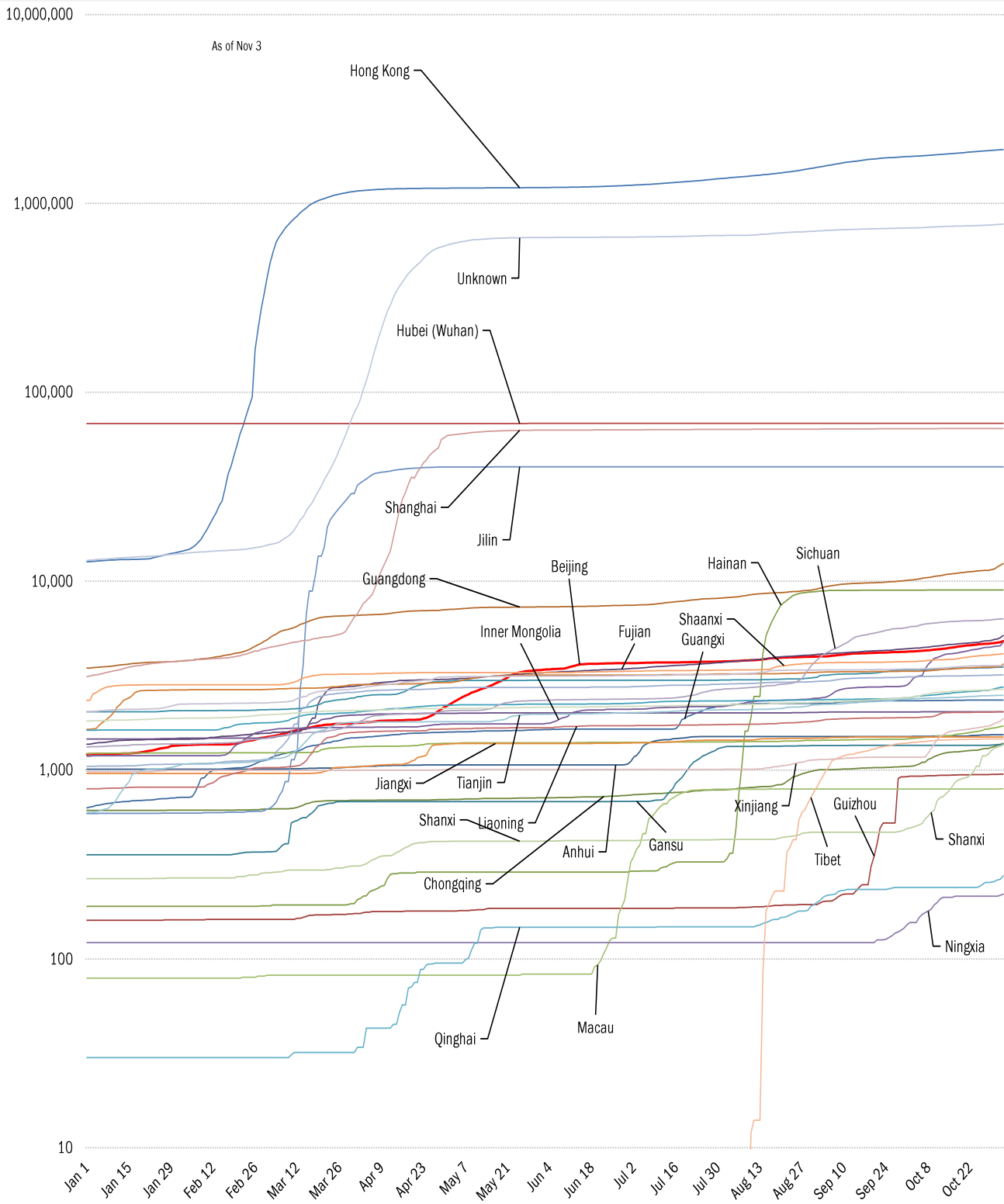
The course of case growth versus COVID



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"

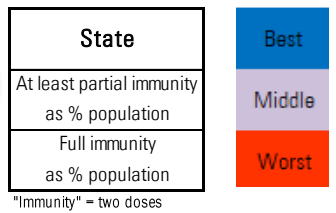
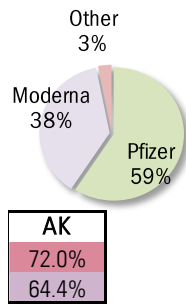


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

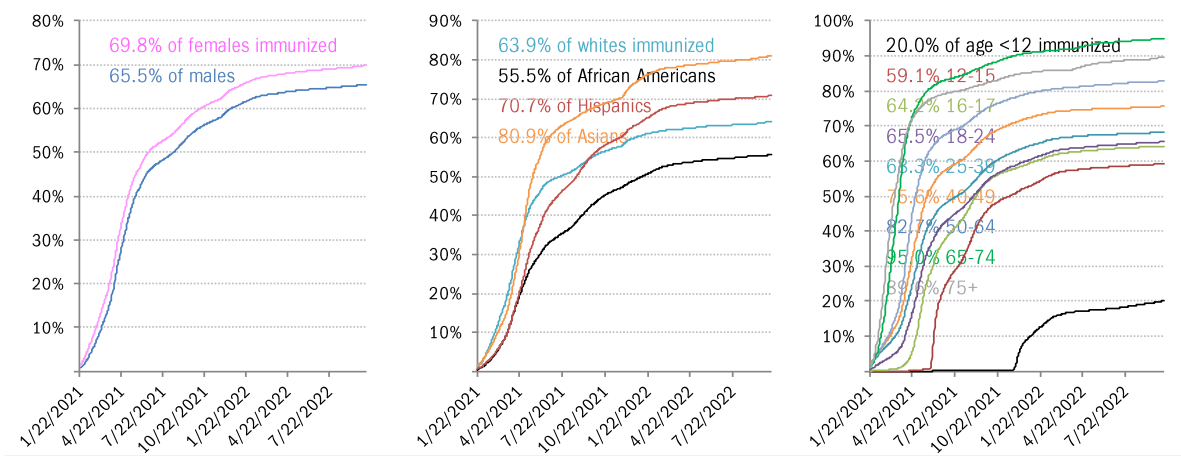
Administered	Cumulative		Today	Immunity	Full	Partial
Doses	648,750,535		+0.738 million	US	68.3%	80.0%
of which boosters	113,645,892		+0.078 million	UK	75.5%	80.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	273,846,111	82%	233,314,181	70%	+0.058 million	France 78.7% 81.0%
Age 12 to 17	18,280,111	72%	15,624,127	62%	+0.002 million	Spain 85.6% 87.0%
Age 18 to 64	182,419,383	90%	155,060,039	76%	+0.029 million	Germany 76.1% 77.7%
Age 65 and over	60,341,000	100%	52,811,521	96%	+0.016 million	Italy 81.0% 85.8%
						Australia 84.0% 86.6%
						Israel 66.3% 72.3%
						Canada 82.9% 88.1%
						Japan 82.6% 83.7%
						Africa 24.2% 30.1%
						India 67.5% 73.0%
						Brazil 80.4% 87.4%
						China 89.2% 91.4%



As of Oct 21

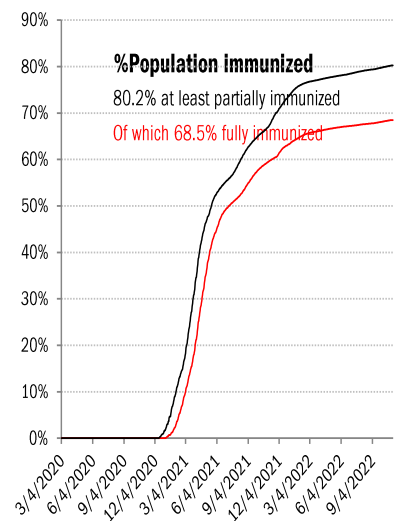
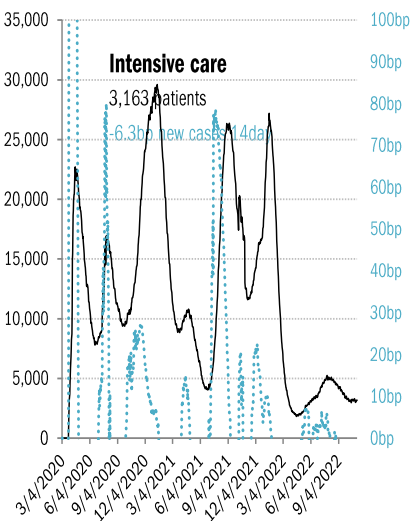
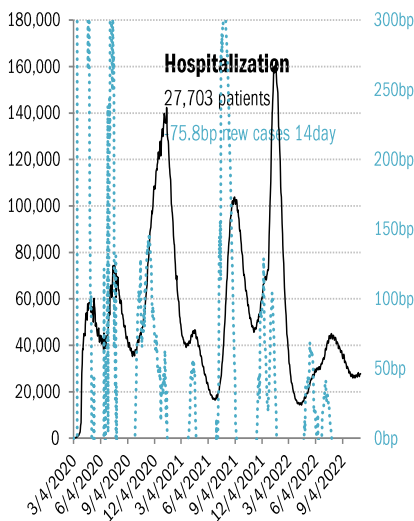
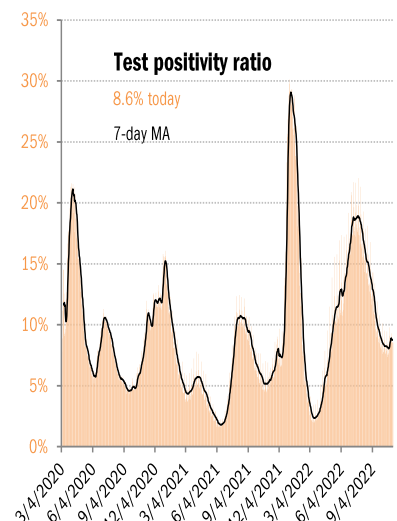
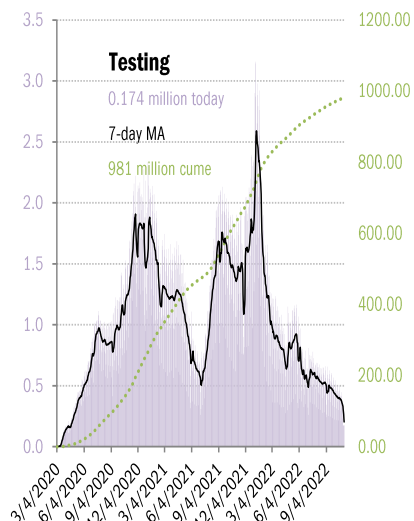
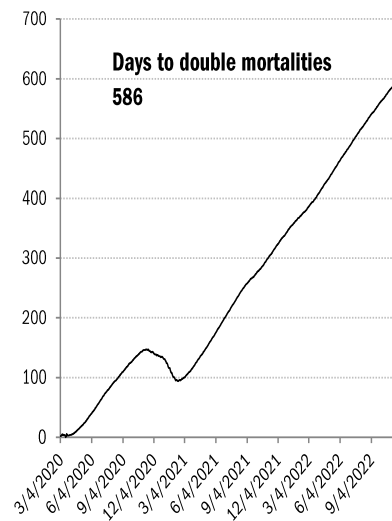
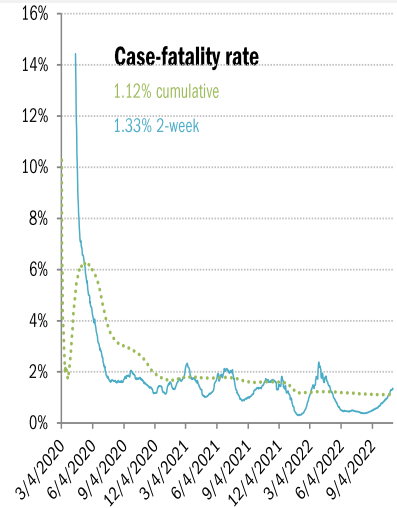
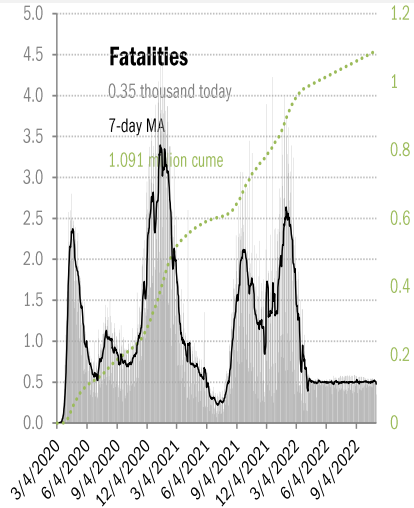
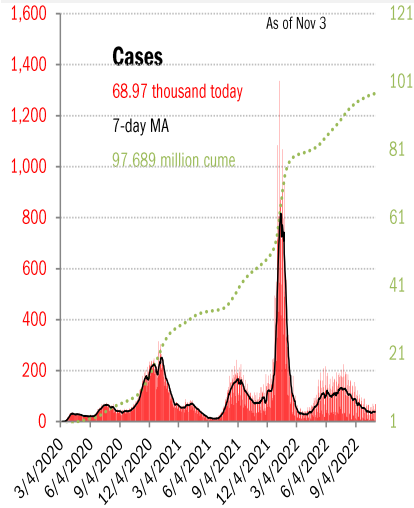
State	Best	Middle	Worst
AK	72.0%	64.4%	
WI	73.9%	67.3%	
ME	94.6%	82.1%	
NY	92.9%	79.4%	
VT	95.0%	83.9%	
NH	84.8%	69.7%	
OR	80.2%	71.3%	
NV	77.6%	62.6%	
WY	59.8%	52.3%	
SD	81.0%	64.6%	
IA	69.7%	63.5%	
IN	63.6%	57.2%	
OH	64.9%	59.7%	
PA	88.5%	71.5%	
NJ	93.2%	77.9%	
MA	95.0%	82.2%	
CA	85.2%	74.2%	
UT	74.3%	65.9%	
CO	82.2%	72.4%	
NE	72.3%	65.3%	
MO	68.2%	58.0%	
KY	67.9%	58.9%	
WV	66.7%	59.1%	
VA	88.9%	75.4%	
MD	90.0%	78.3%	
CT	95.0%	81.8%	
RI	95.0%	86.1%	
AZ	76.4%	63.8%	
NM	91.7%	73.7%	
KS	74.9%	64.1%	
AR	68.8%	56.1%	
TN	63.8%	55.8%	
NC	89.2%	65.0%	
SC	69.9%	59.0%	
DC	95.0%	82.1%	
DE	86.3%	71.8%	
OK	73.4%	59.4%	
LA	62.3%	54.6%	
MS	61.1%	53.3%	
AL	64.3%	52.5%	
GA	67.3%	56.4%	
HI	90.2%	80.5%	
TX	75.0%	62.4%	
FL	81.4%	68.6%	
PR	95.0%	85.9%	

The demographics of US vaccination

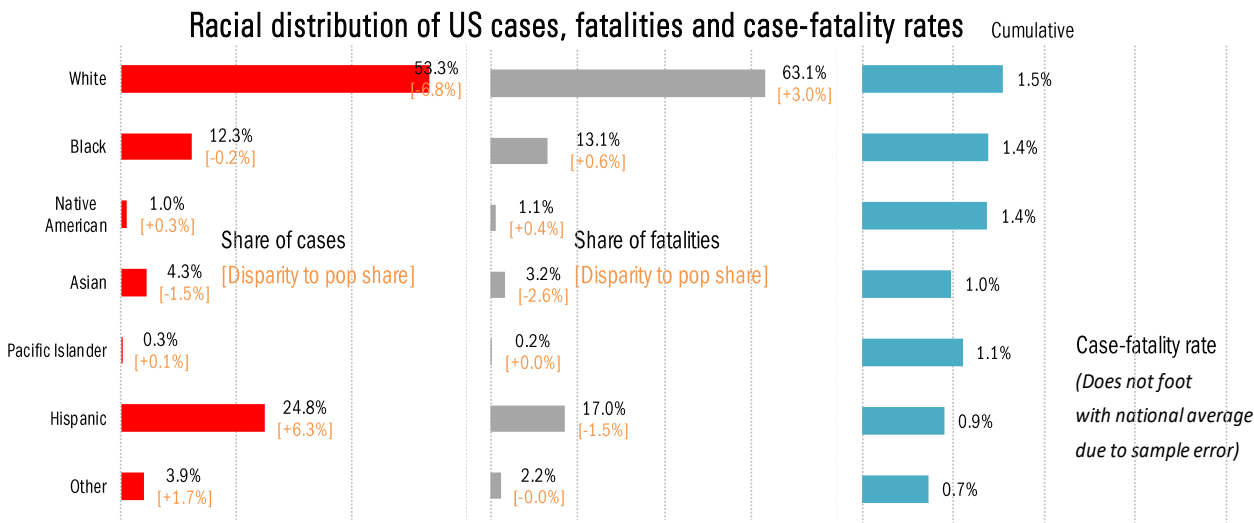
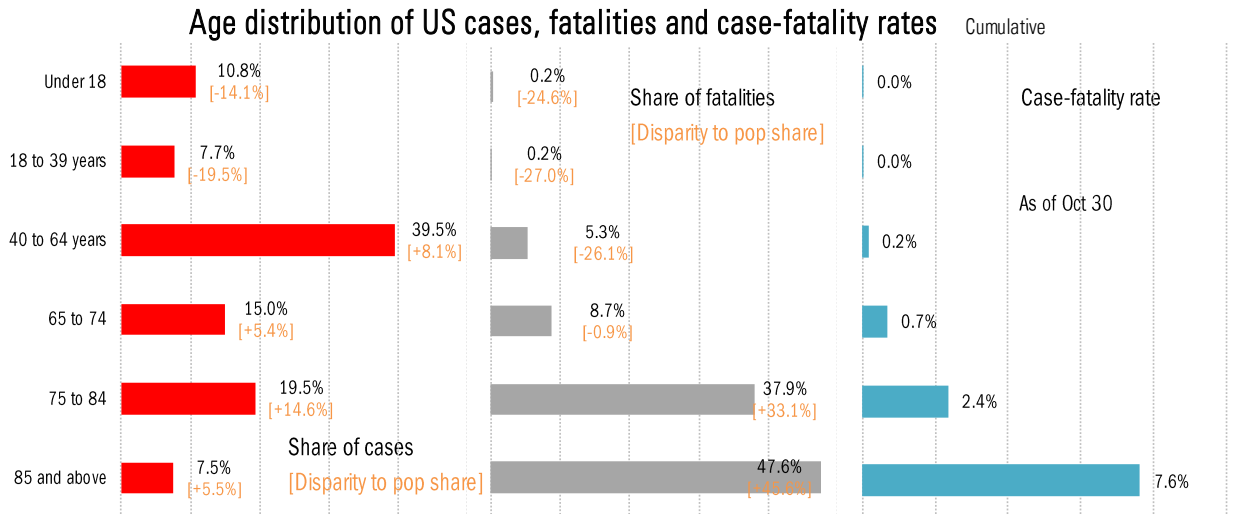


Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

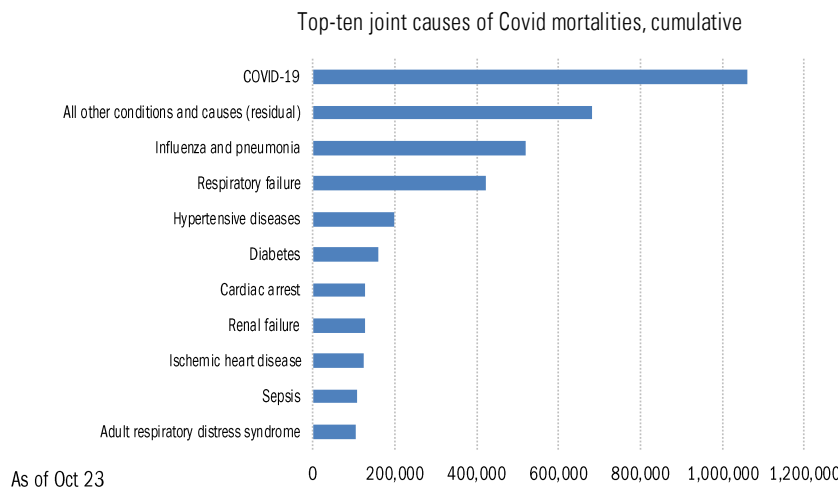
US deep-dive



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

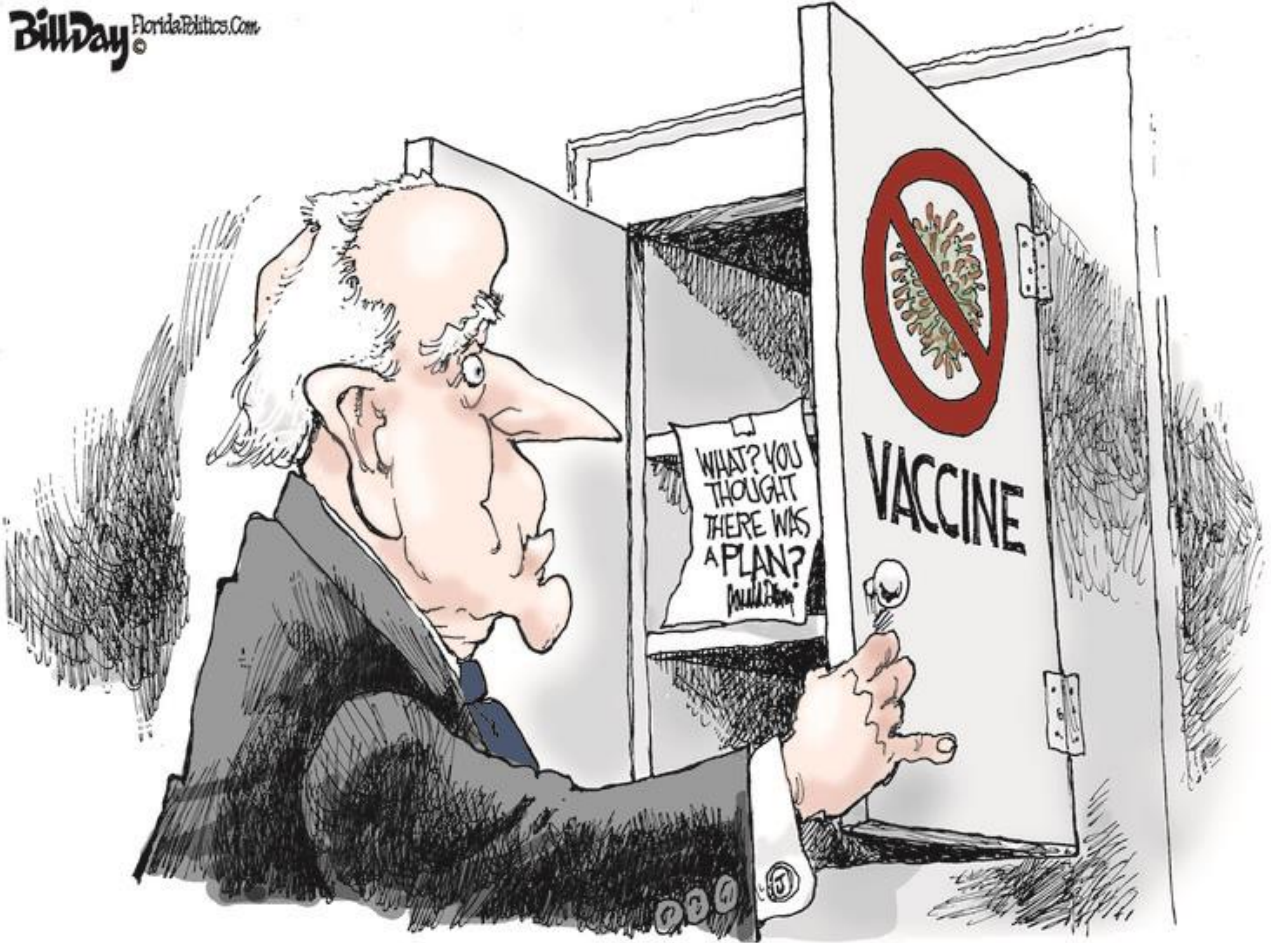
[The tyranny of a Covid amnesty](#)

Mary Harrington
UnHerd
November 2, 2022

[If You've Had Covid, Watch Out for Stroke Symptoms](#)

Faye Flam
Bloomberg
November 3, 2022

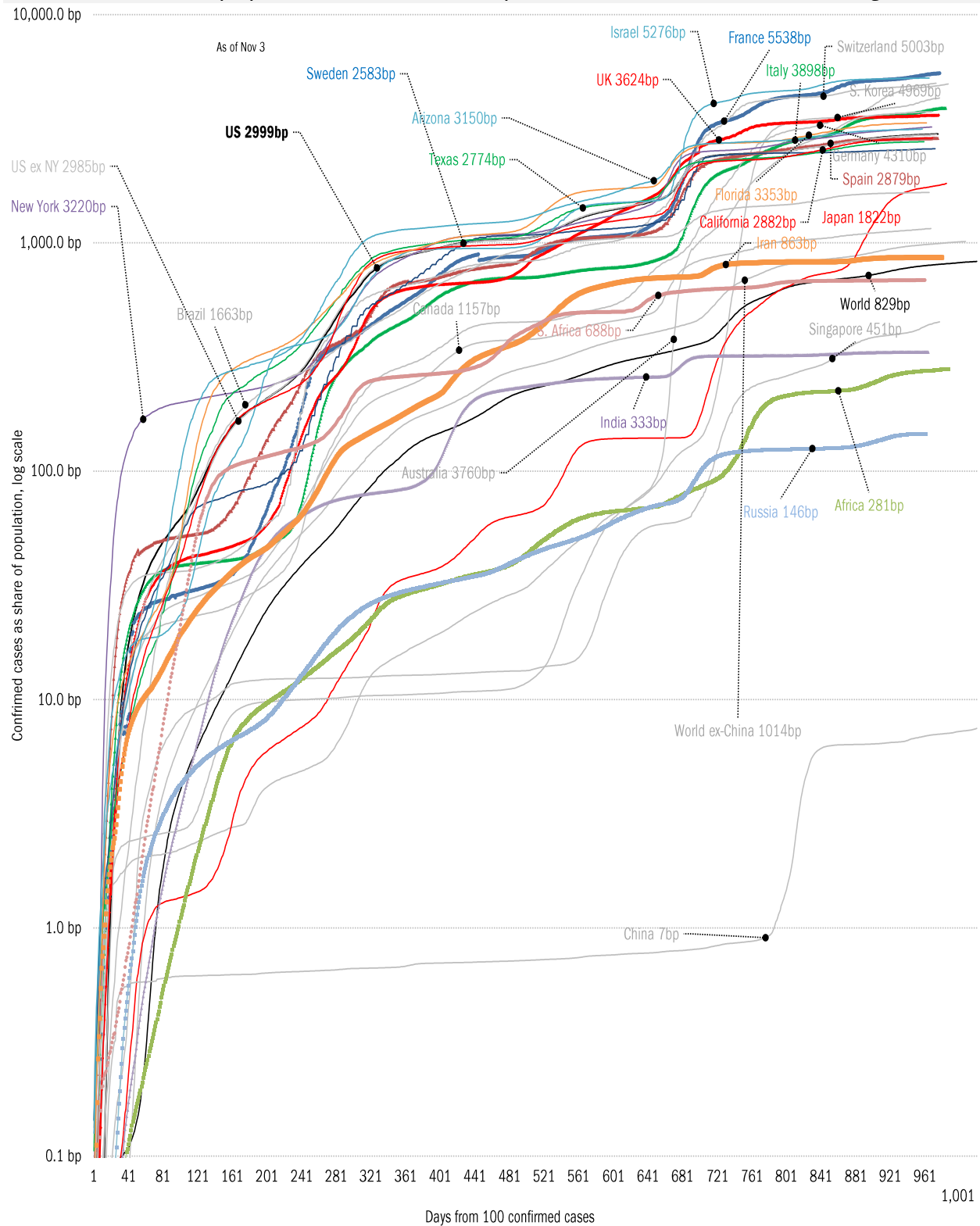
Meme of the day



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

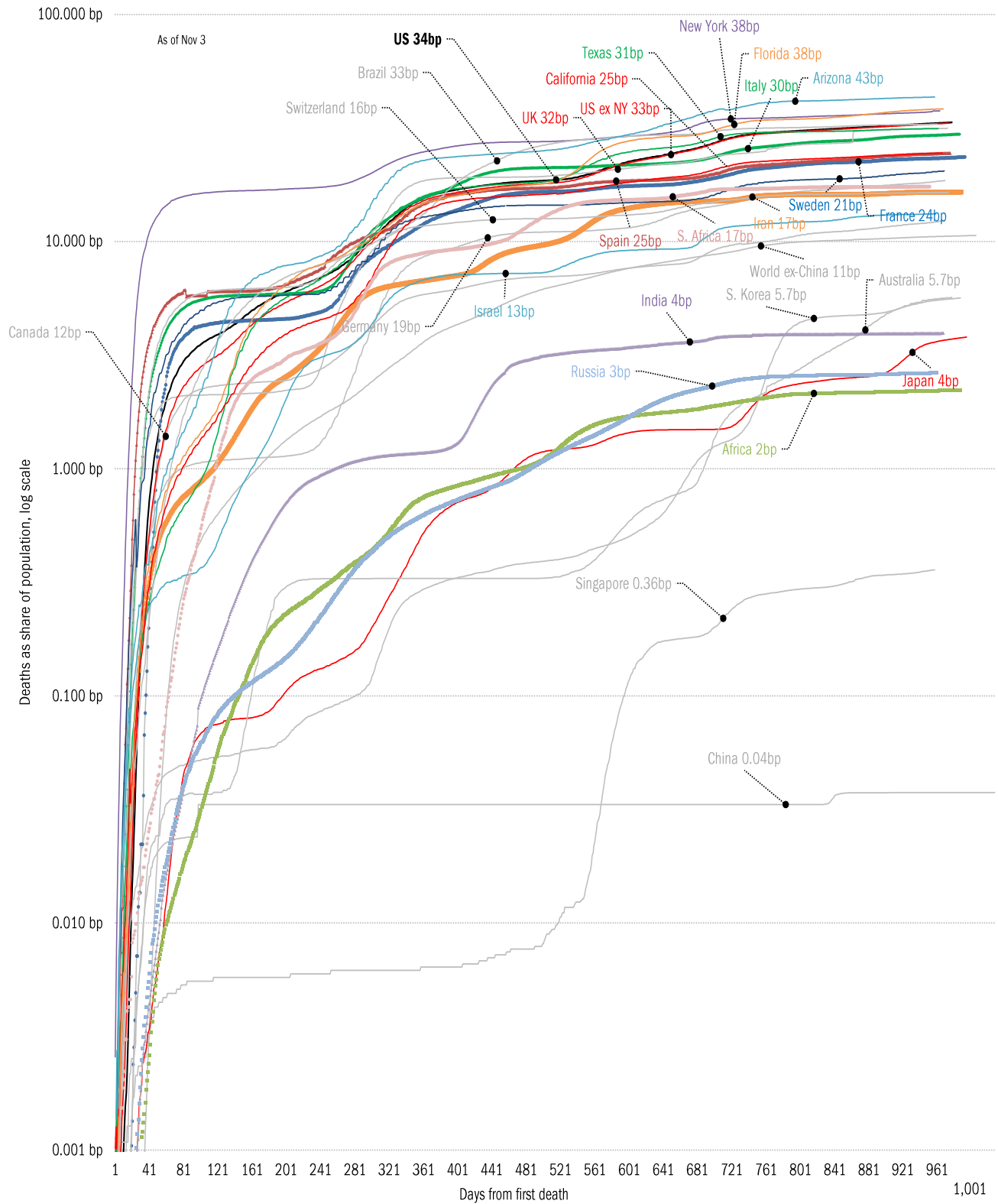
The global coronavirus case accelerometer... tracking the world's infection curves

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

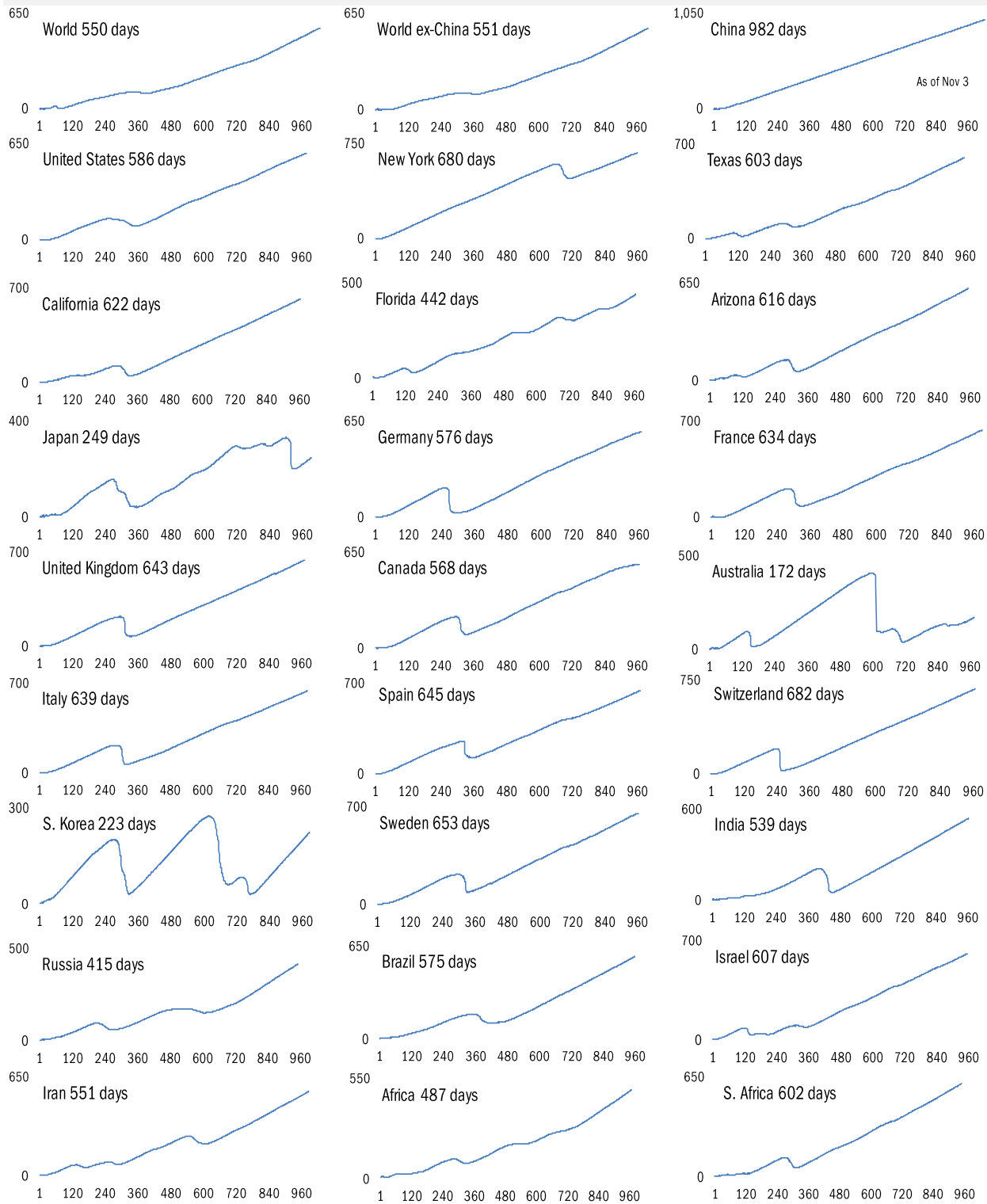


Source: [Johns Hopkins](#), TrendMacro calculations

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

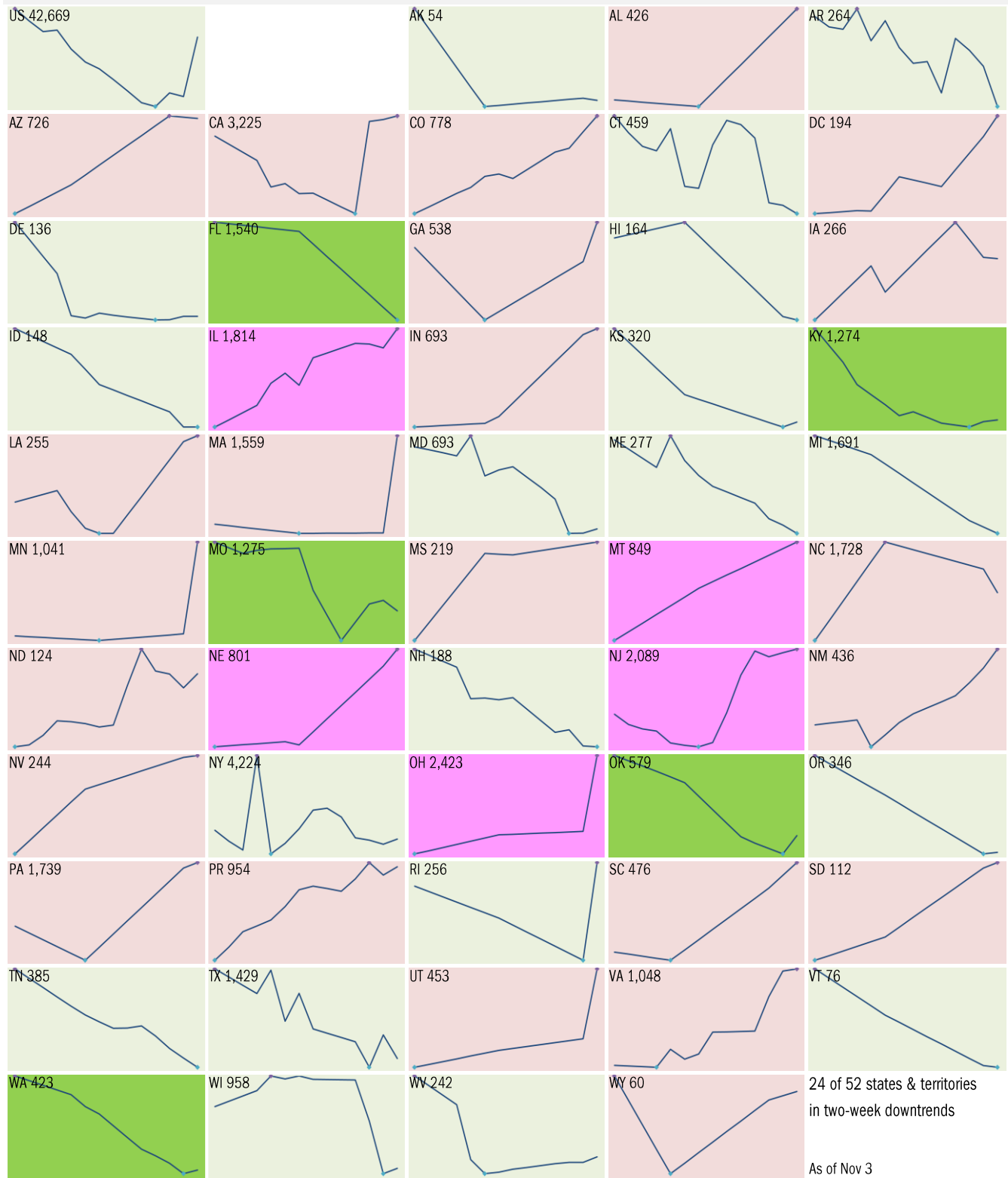


Source: [Johns Hopkins](#), TrendMacro calculations

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

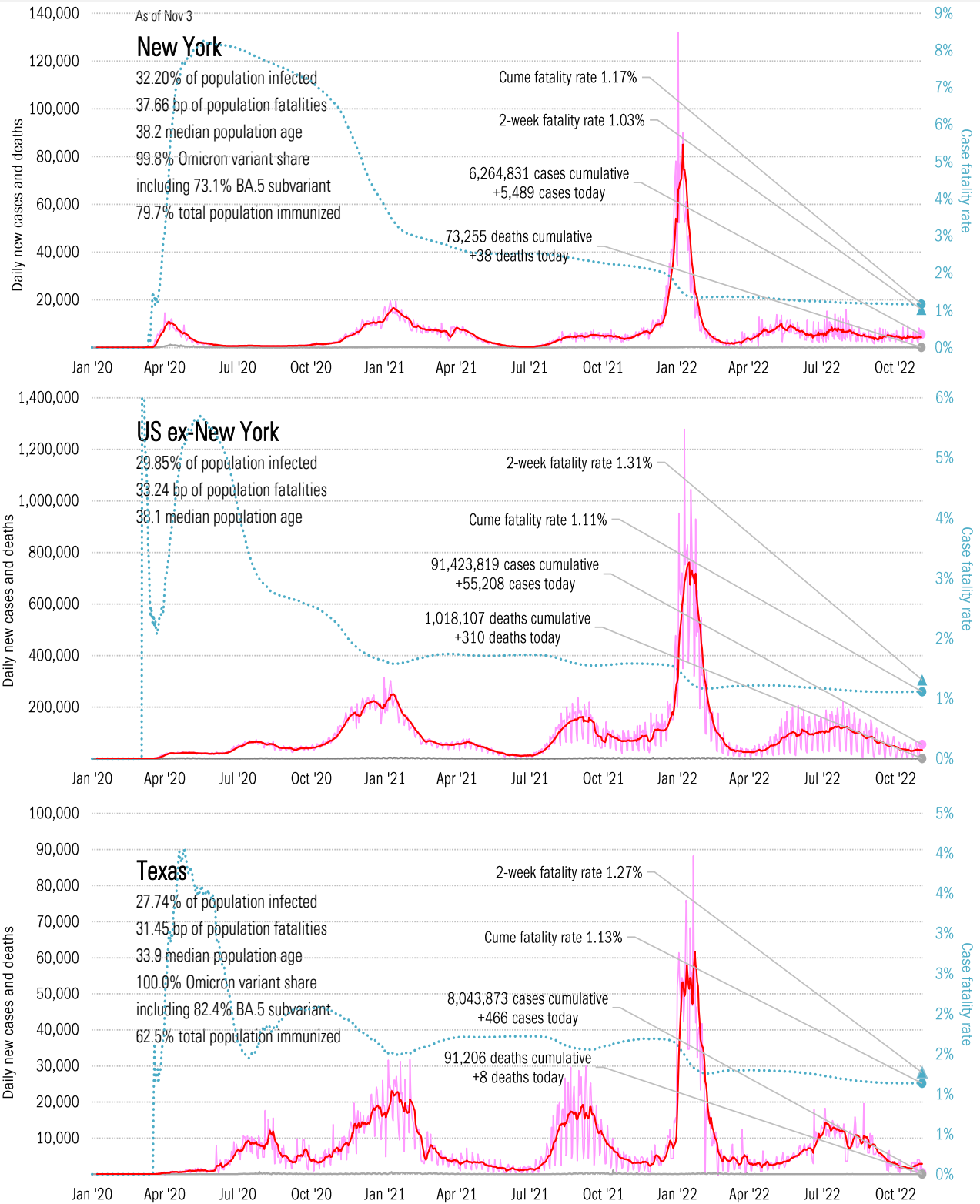
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

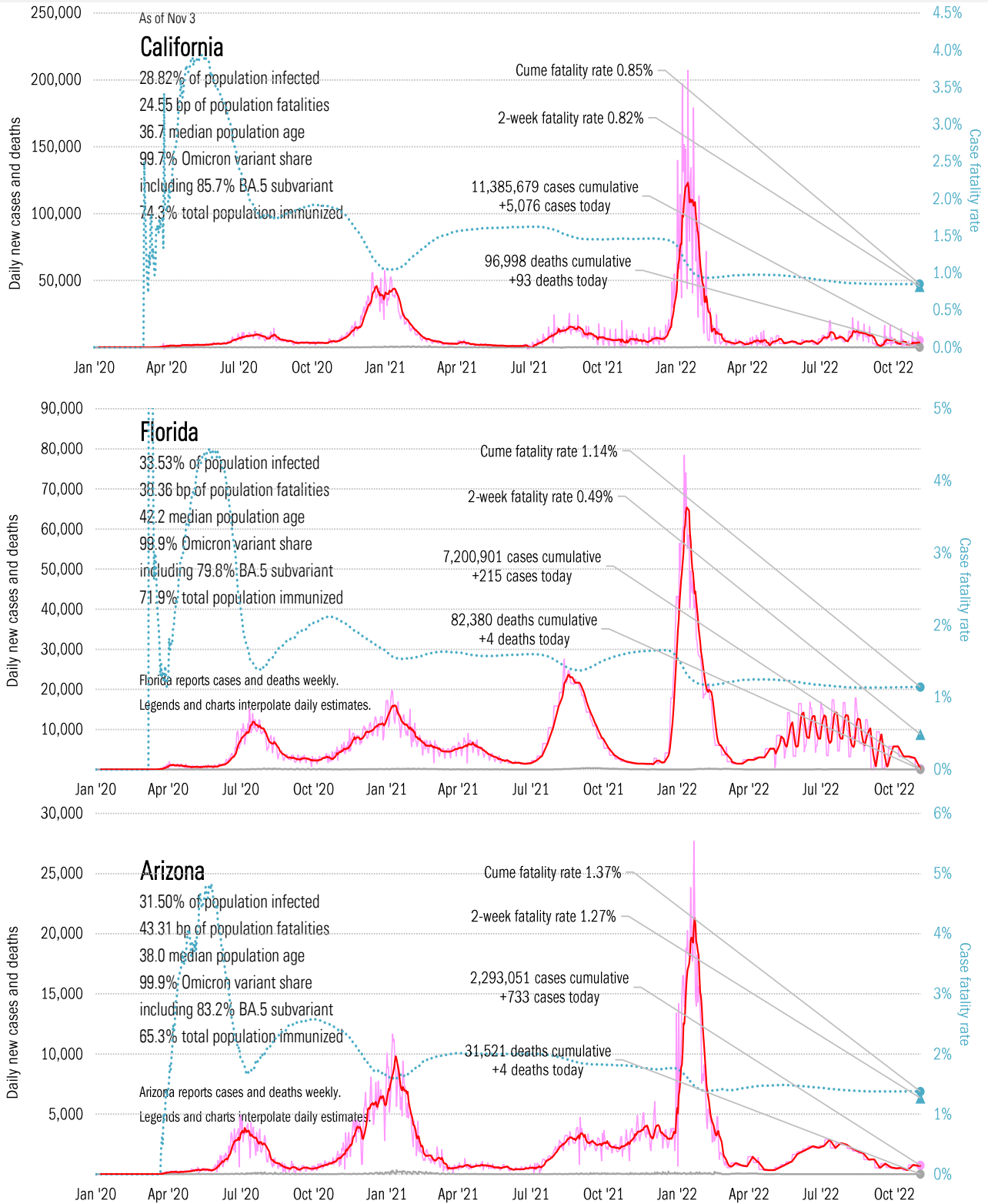
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

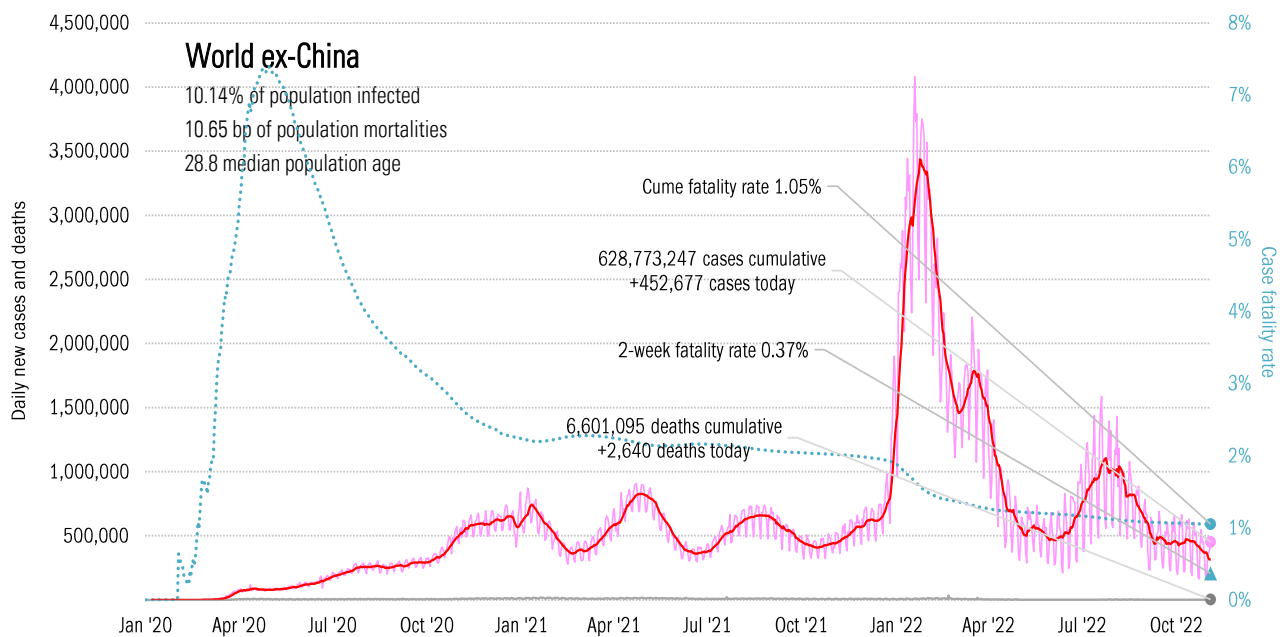
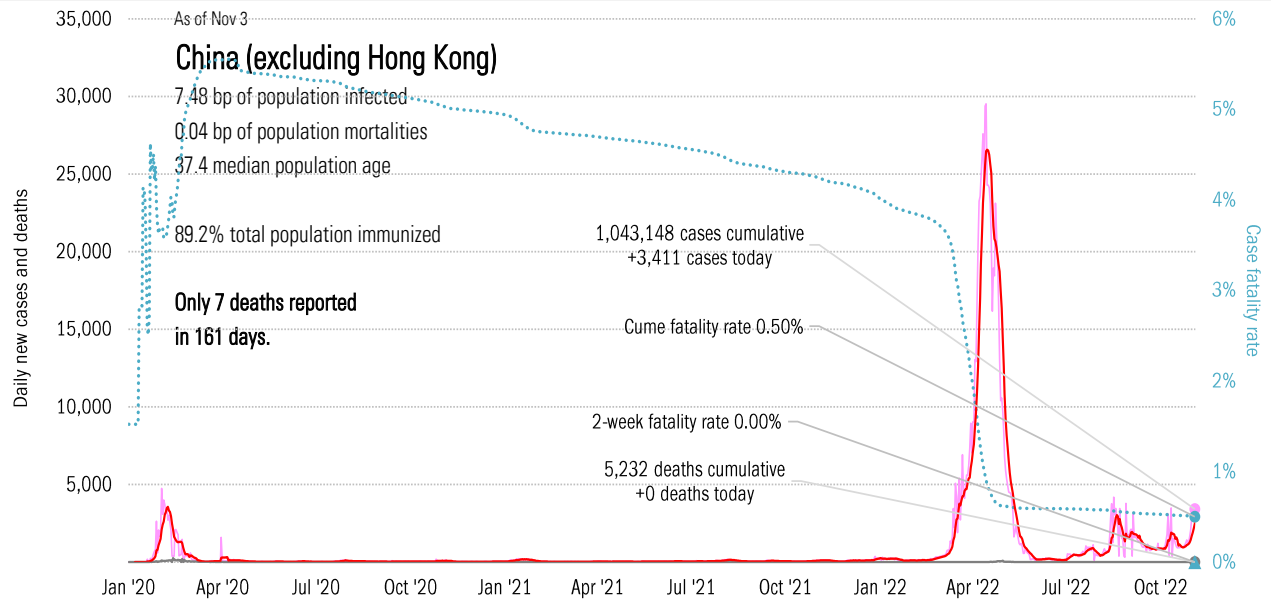
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

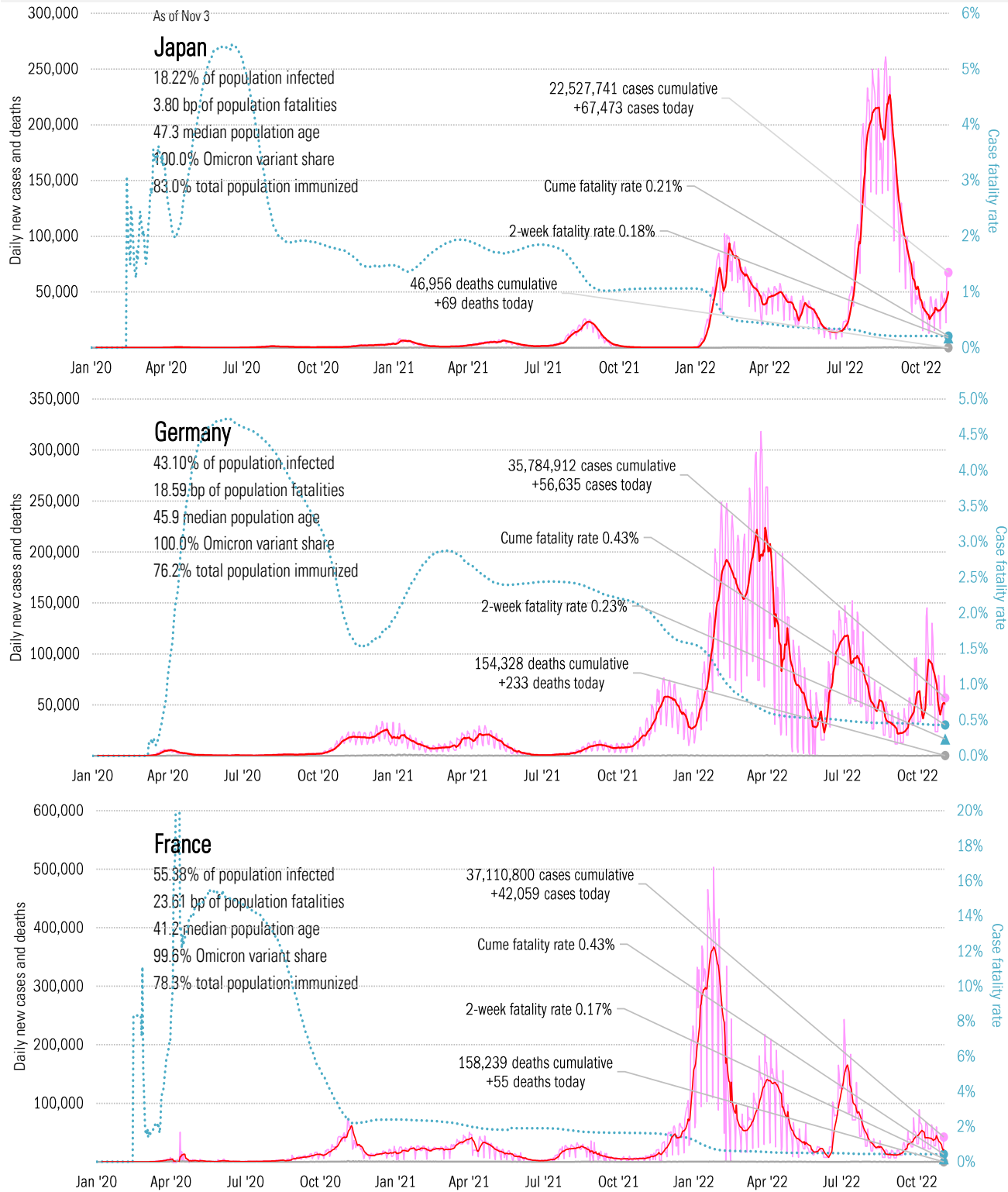
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

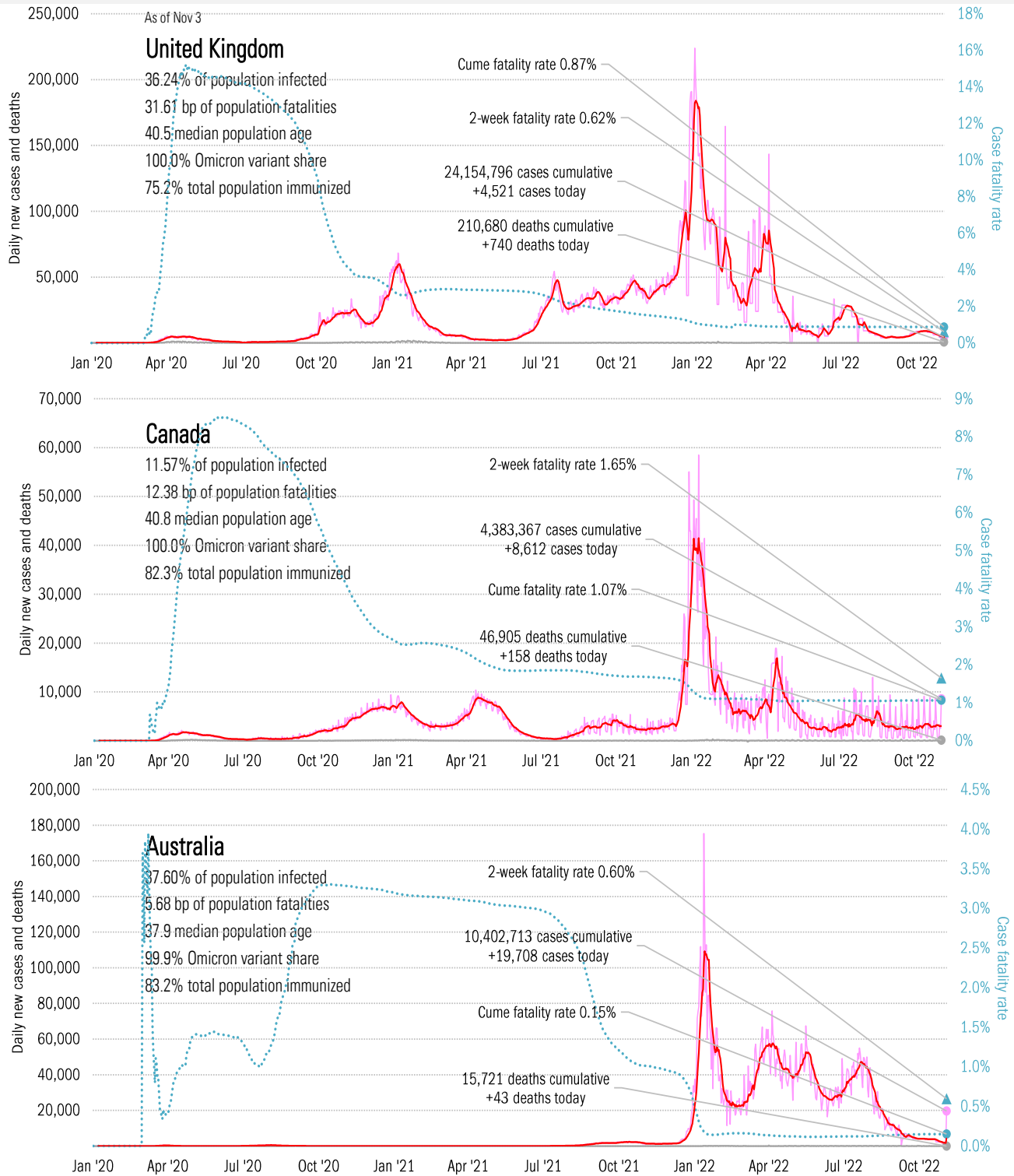
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

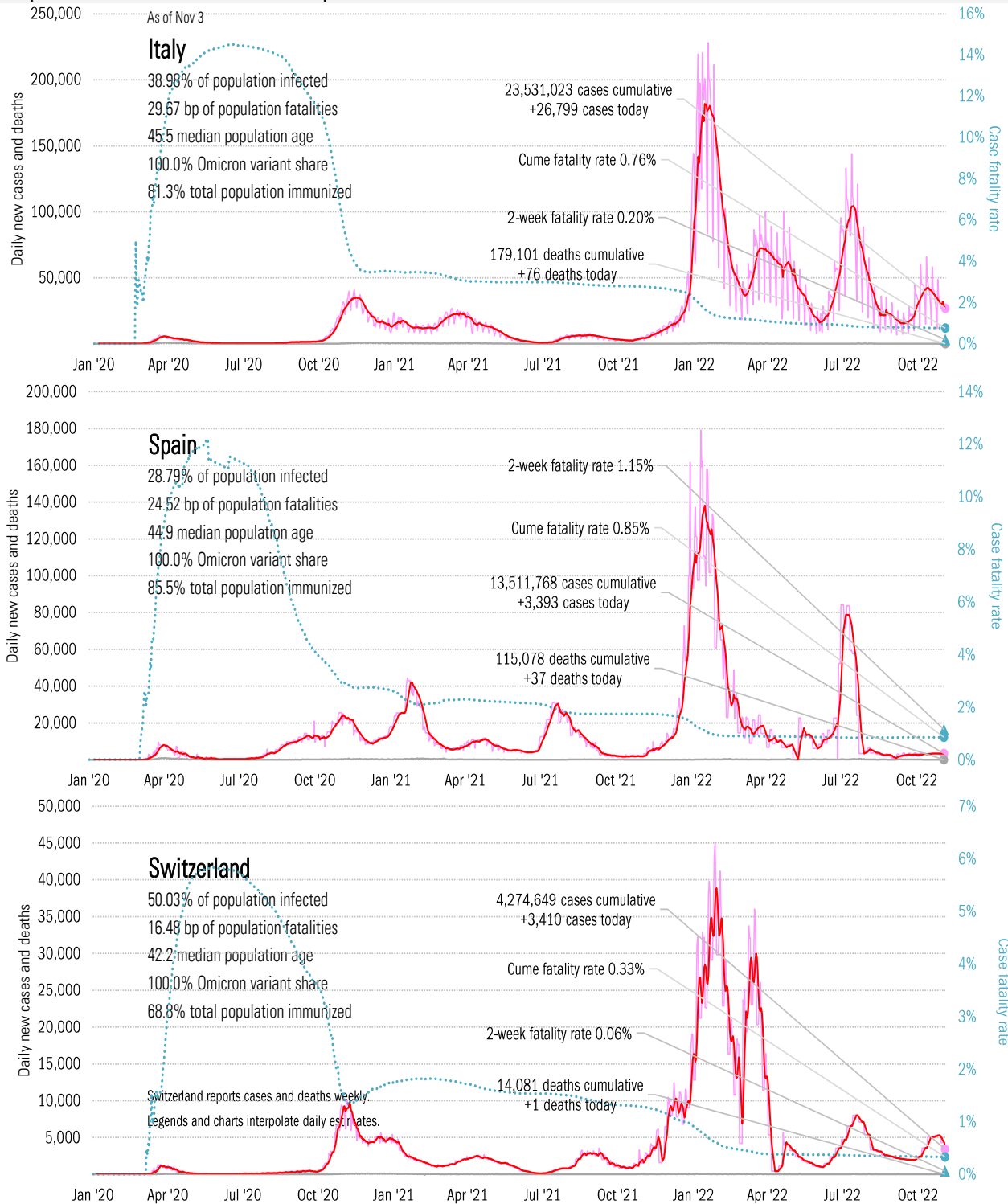
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

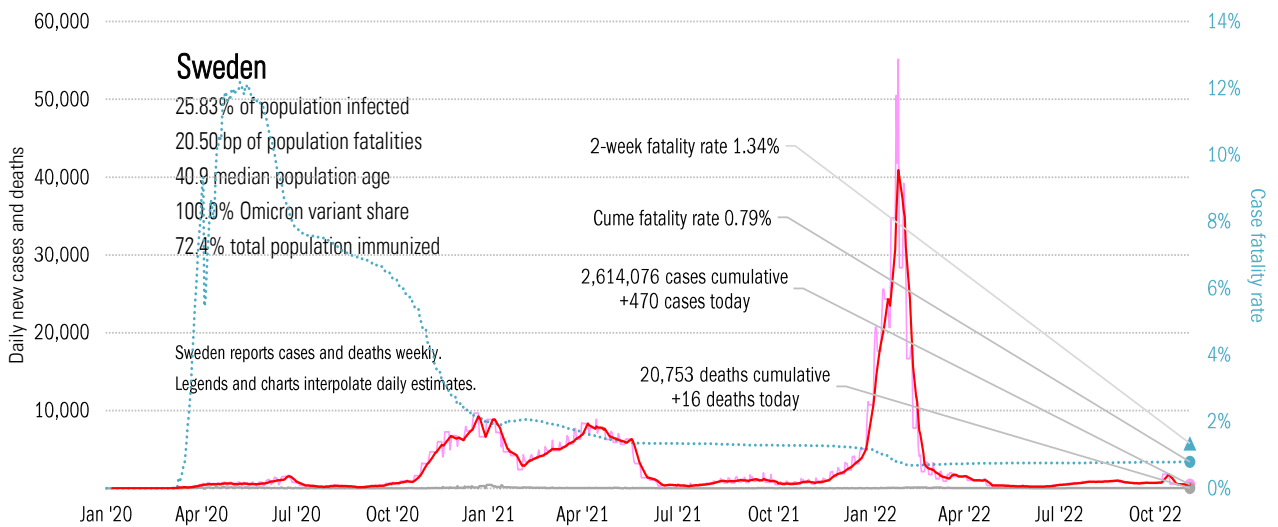
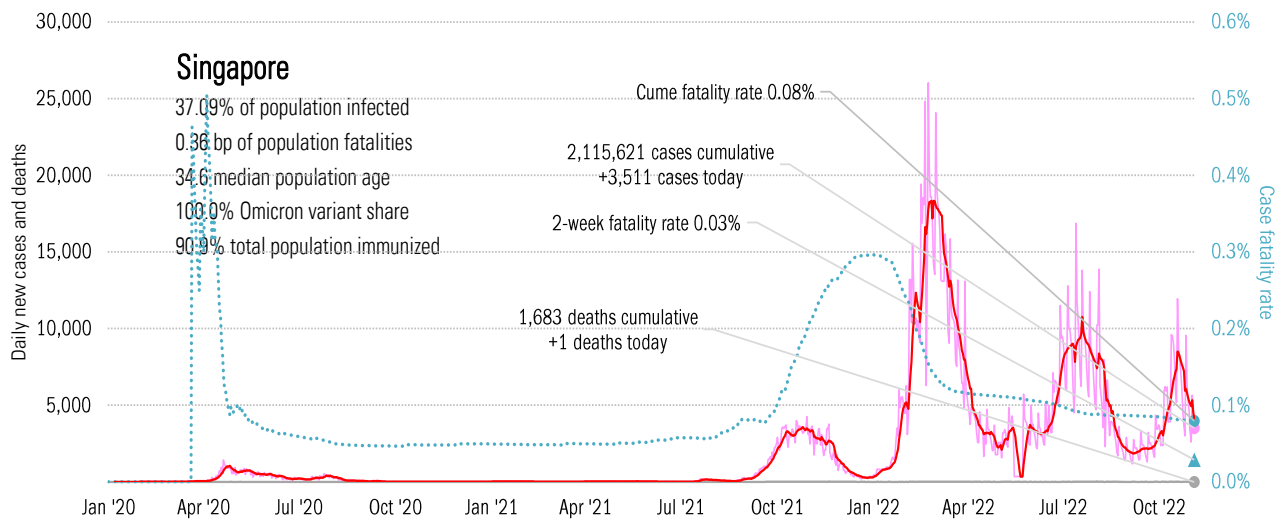
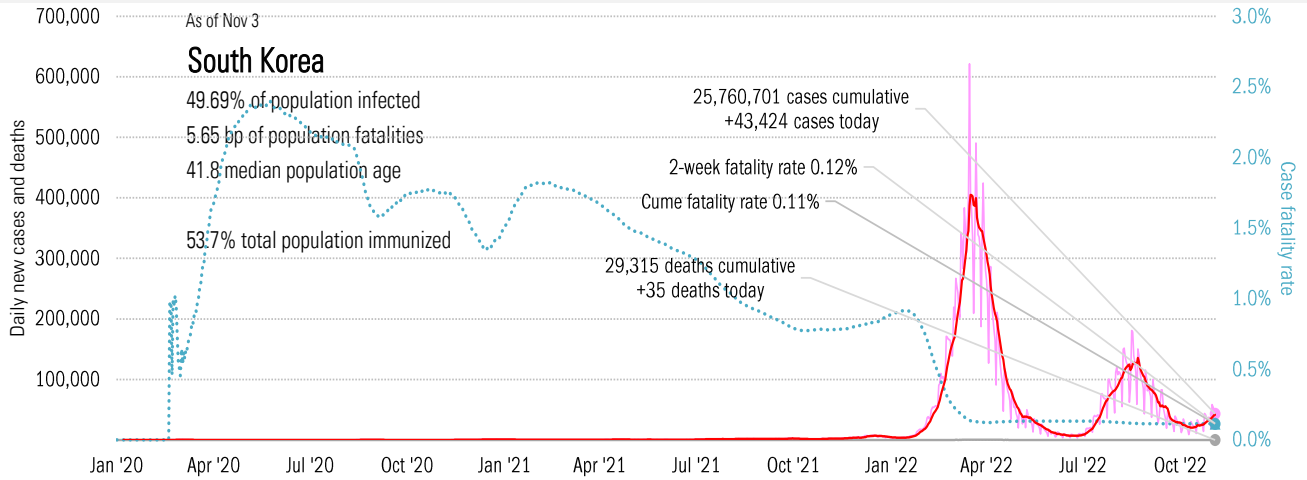
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

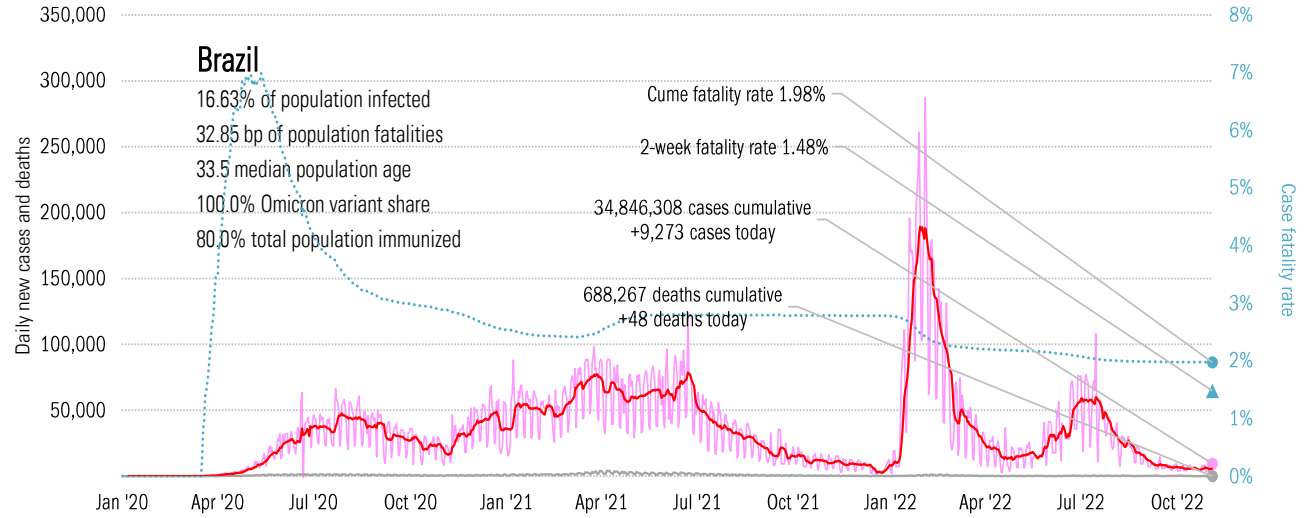
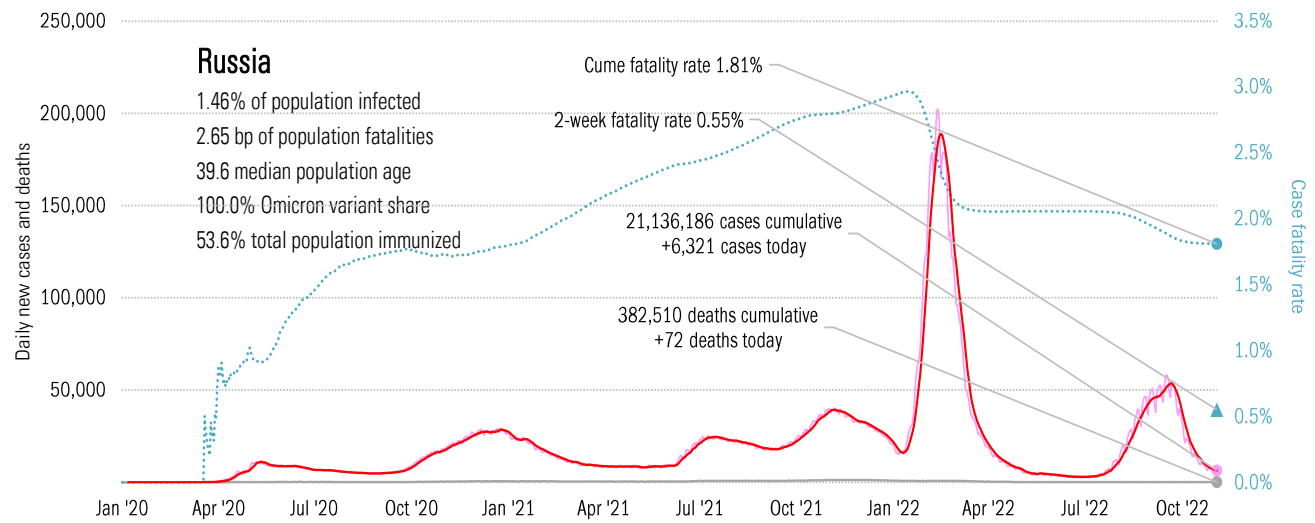
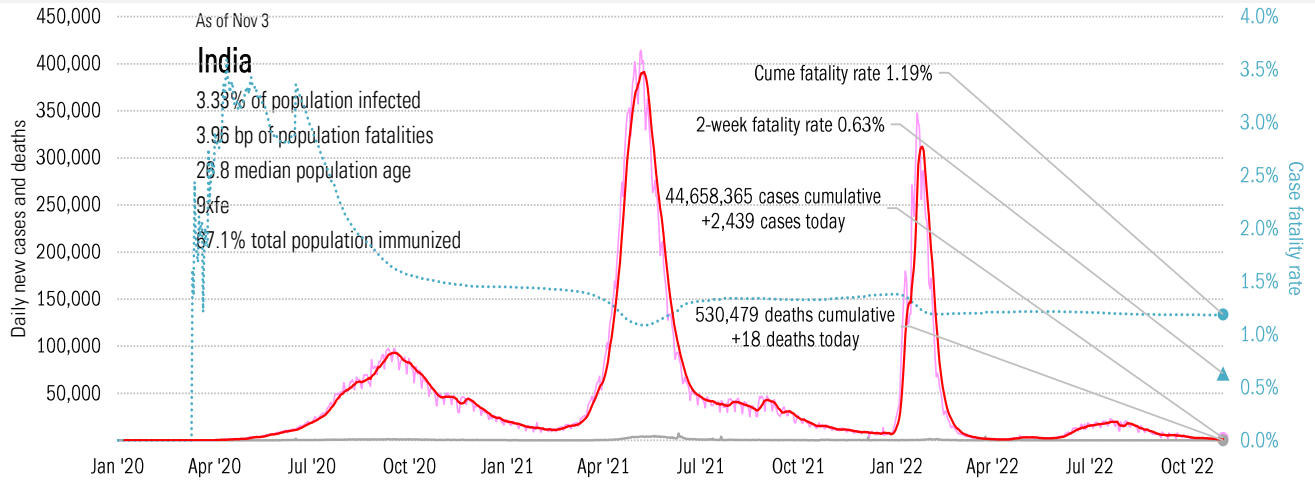
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

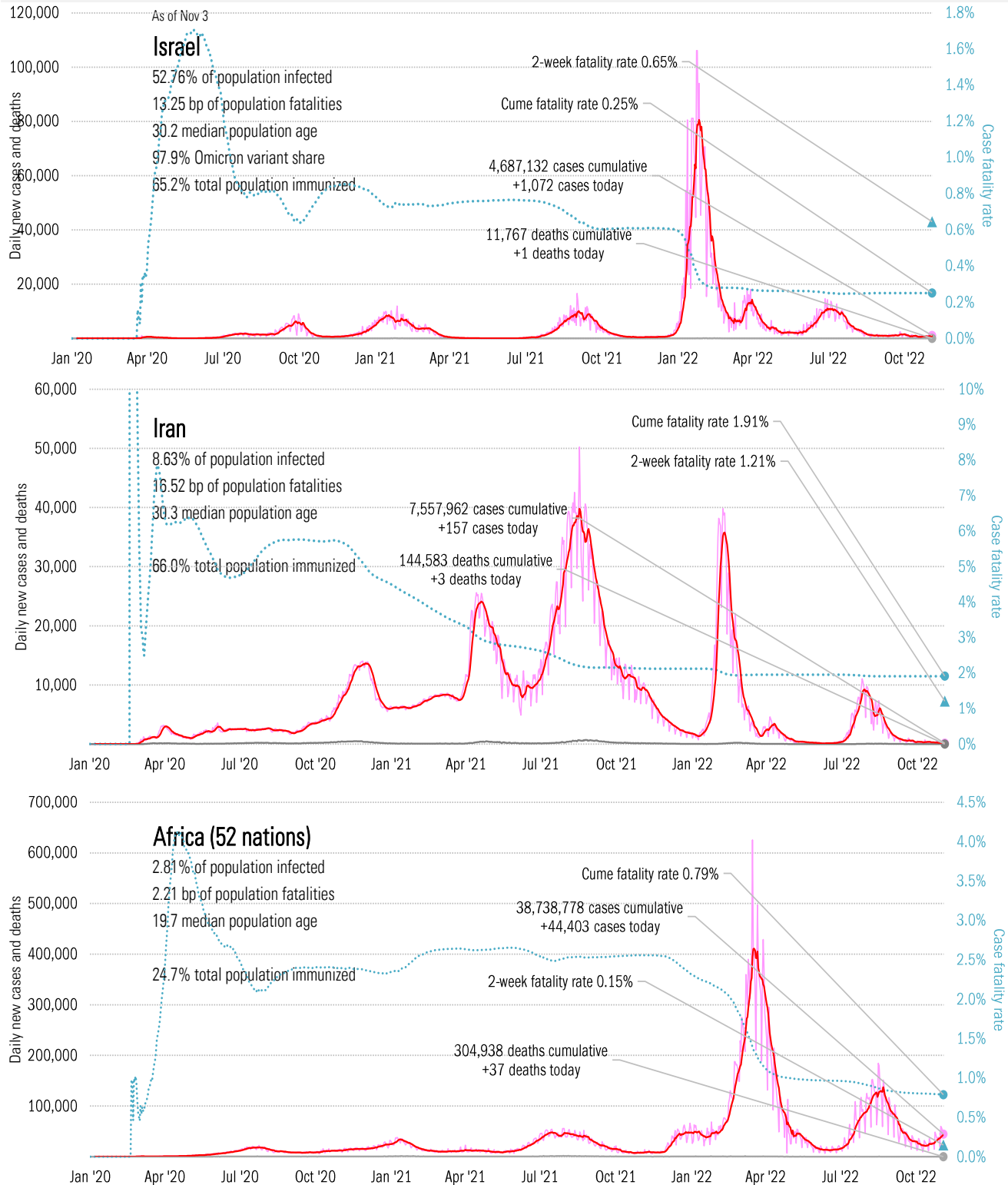
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

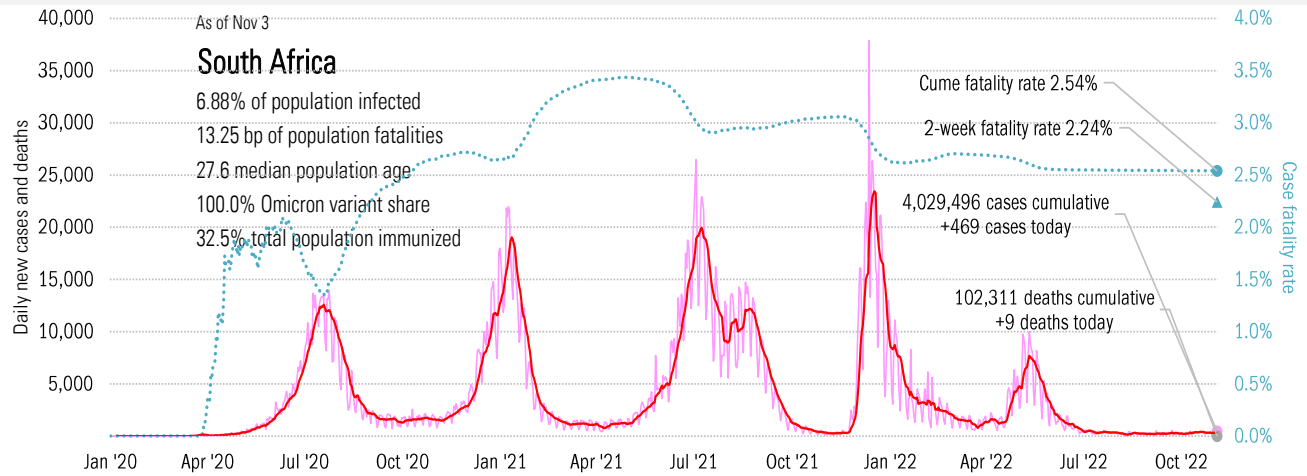
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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