

Data Insights: Covid-2019 Monitor

Monday, November 28, 2022

The global scorecard

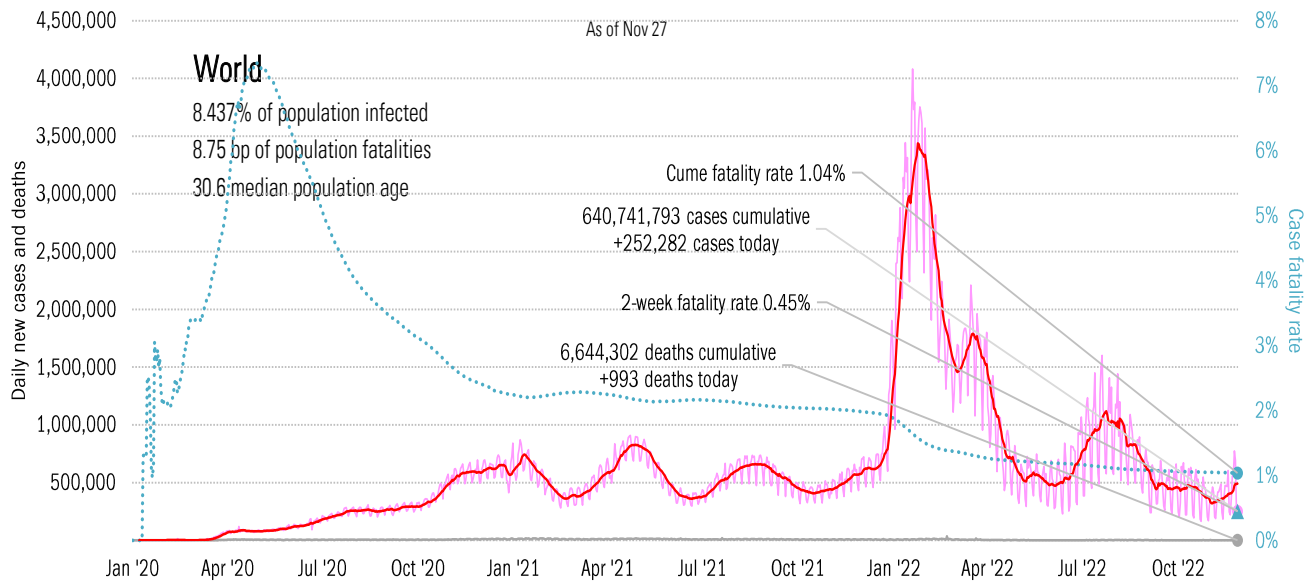
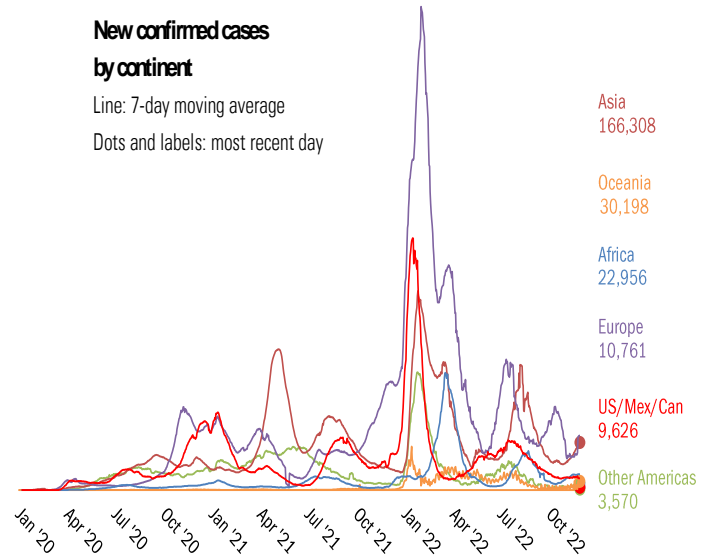
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	98,476	United States	440
France	48,629	Japan	142
United States	46,676	Thailand	74
China	38,503	Russia	51
Italy	32,732	Korea, South	44
New Zealand	27,047	Indonesia	35
Germany	24,687	New Zealand	30
Korea, South	22,327	Taiwan*	25
Brazil	22,131	Philippines	23
Taiwan*	13,297	Chile	20
374,505		884	

New confirmed cases by continent

Line: 7-day moving average
 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

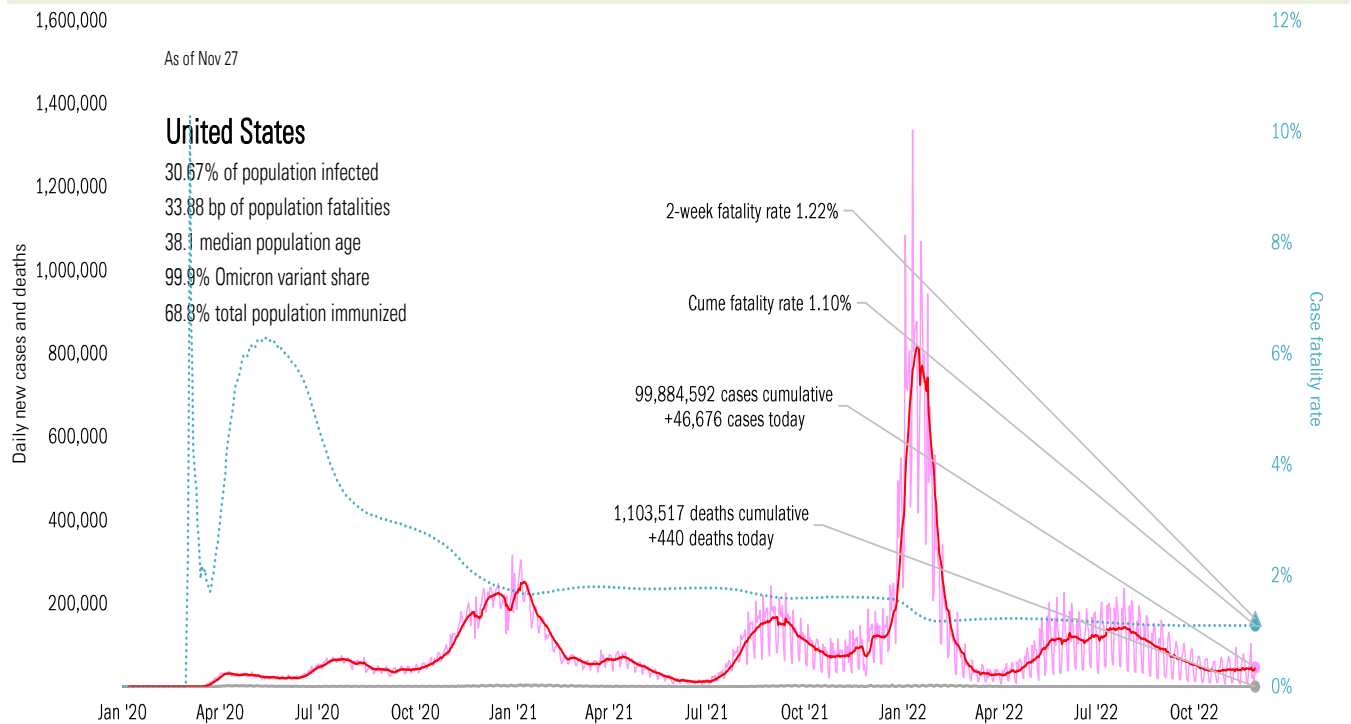
New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	6,530		FL	48		GA	114		CA	11,492,488		CA	97,437		TX	555,348		MN	87%	AK	85%
TX	4,901		MI	39		FL	188		TX	8,084,617		TX	91,380		CA	517,767		RI	86%	NH	82%
FL	3,355		VA	28		NJ	169		FL	7,239,478		FL	82,875		FL	503,692		NV	86%	NC	81%
IL	2,711		NV	24		IN	97		NY	6,356,594		NY	73,803		NY	319,631		WA	82%	NM	81%
CO	2,154		CA	21		PA	184		IL	3,860,866		PA	48,271		GA	229,921		MA	82%	VT	80%
VA	1,916		UT	21		TN	71		PA	3,350,067		GA	41,024		CH	227,506		CA	81%	DC	80%
AZ	1,916		PA	21		CA	441		NC	3,268,501		CH	40,466		PA	213,897		NH	80%	AL	79%
KY	1,834		NY	16		LA	73		CH	3,227,759		IL	40,247		IL	195,591		MD	79%	WV	78%
NY	1,683		WI	16		IL	173		GA	2,937,280		MI	39,972		MI	170,109		CR	78%	RI	78%
CH	1,571		MA	16		MI	125		MI	2,929,612		NJ	35,079		KY	147,783		MO	78%	TX	78%
28,571			249			1,635			52,747,262			590,554			3,081,245						
All states 46,676			440			3,496			All states 99,884,592			1,103,517			5,597,889			All states 70%		67%	
Top ten 61%			57%			47%			Top ten 53%			55%			55%			Median 73%		72%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CT	-512			CA	-79
AK	0			TX	-62
AL	0			AZ	-53
AZ	0			NY	-47
CA	0			WA	-28

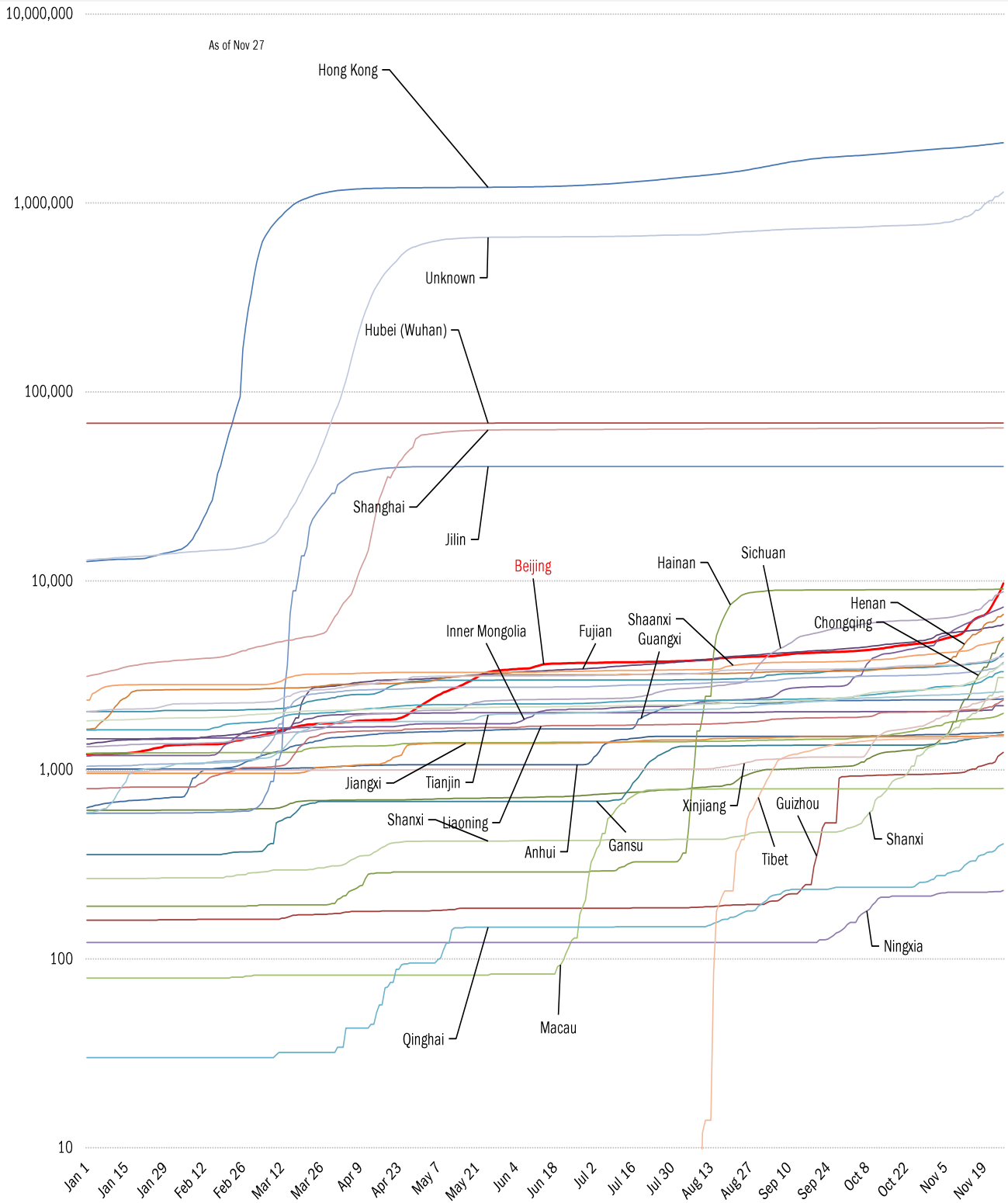
Improvement stats are impaired on weekends due to under-reporting.



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

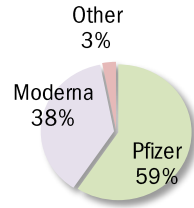
Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered Doses	Cumulative	Today	Immunity	Full	Partial
	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	France	78.3%	80.5%
	Immune	% pop	Spain	85.5%	86.9%
Total population	275,804,550	83%	234,917,605	70%	+0.052 million
Age 12 to 17	18,368,587	73%	15,705,157	62%	+0.002 million
Age 18 to 64	183,557,662	90%	155,937,514	77%	+0.029 million
Age 65 and over	60,811,399	100%	53,206,659	97%	+0.011 million

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%

Global data differs due to sources, timing



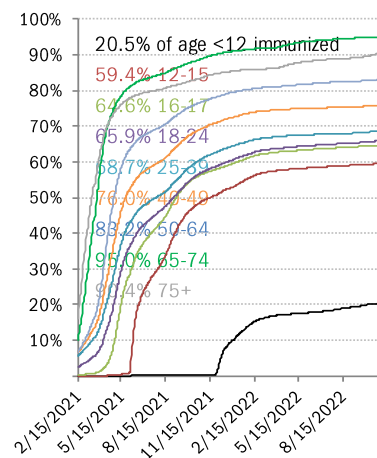
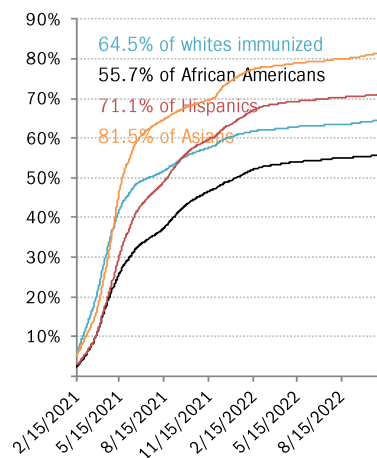
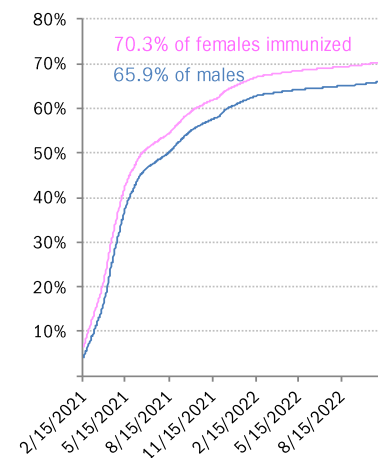
State	At least partial immunity as % population	Full immunity as % population
AK	72.4%	64.7%

State	Best	Middle	Worst
WI	74.4%	67.7%	

As of Nov 18

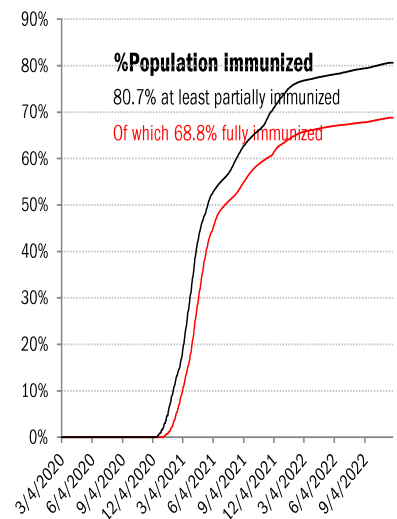
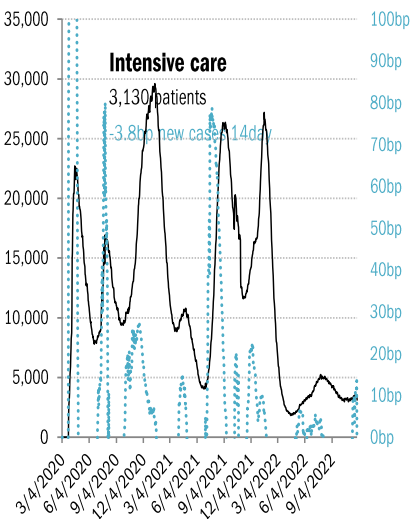
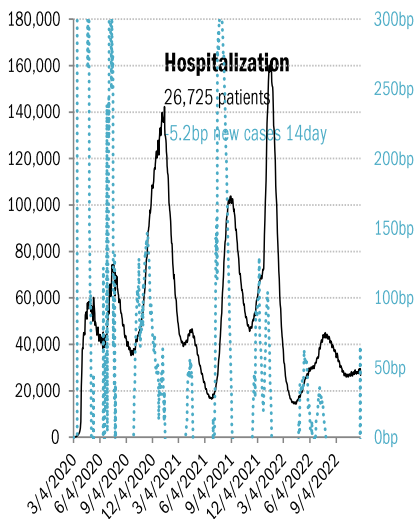
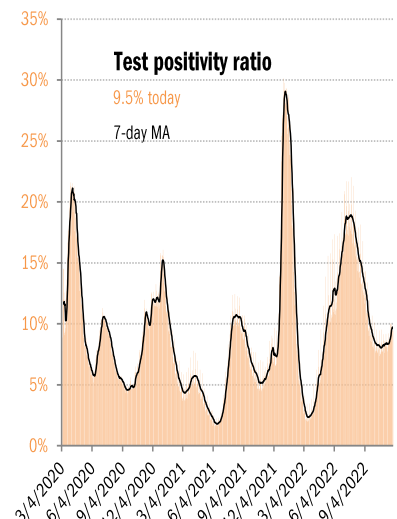
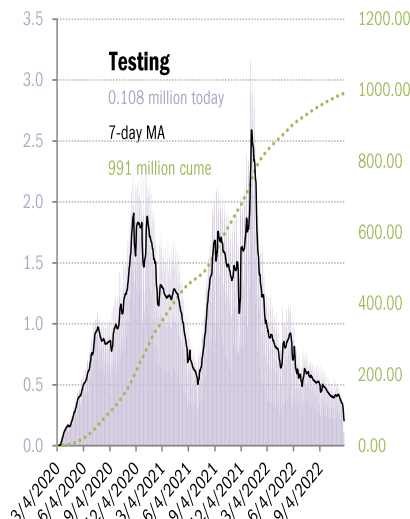
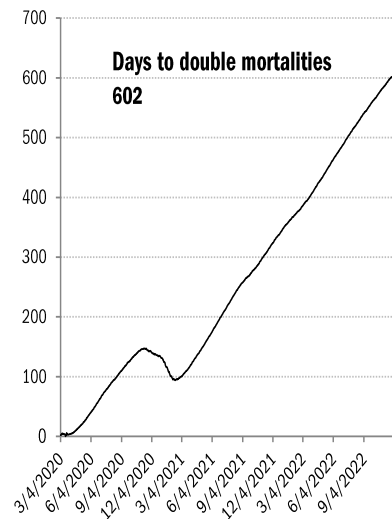
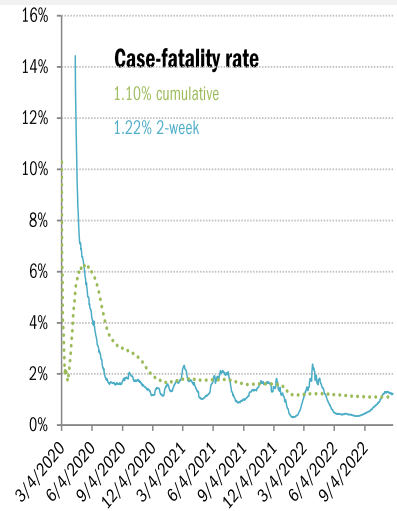
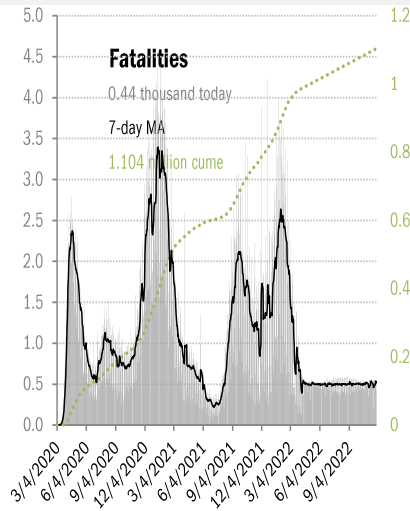
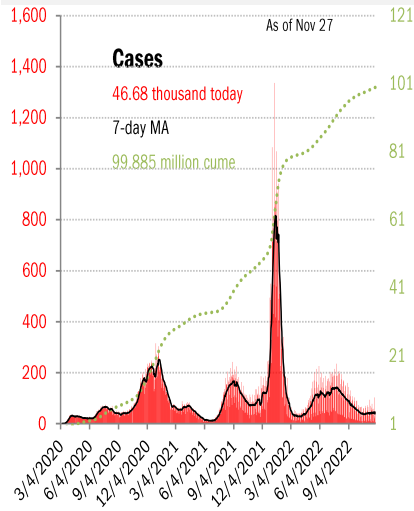
State	At least partial immunity as % population	Full immunity as % population
WA	84.4%	75.3%
ID	63.4%	56.0%
MT	67.7%	58.7%
ND	68.6%	58.0%
MN	78.0%	71.5%
IL	78.7%	70.8%
MI	69.0%	61.9%
NY	93.5%	79.9%
VT	95.0%	84.6%
NH	86.3%	70.5%
OR	80.7%	71.7%
NV	78.1%	63.0%
WY	60.4%	52.7%
SD	82.6%	65.5%
IA	70.1%	63.9%
IN	63.9%	57.4%
OH	65.2%	60.0%
PA	89.4%	72.3%
NJ	93.7%	78.4%
MA	95.0%	83.1%
CA	85.7%	74.6%
UT	74.5%	66.1%
CO	82.9%	72.9%
NE	72.7%	65.7%
MO	68.7%	58.5%
KY	68.3%	59.2%
WV	67.0%	59.4%
VA	89.9%	75.9%
MD	90.7%	78.9%
CT	95.0%	82.3%
RI	95.0%	86.8%
AZ	76.5%	65.5%
NM	92.9%	74.4%
KS	75.4%	64.6%
AR	69.2%	56.4%
TN	64.0%	56.0%
NC	90.5%	66.0%
SC	70.3%	59.4%
DC	95.0%	84.1%
DE	86.6%	72.0%
OK	73.9%	59.9%
LA	62.5%	54.8%
MS	61.3%	53.4%
AL	64.5%	52.7%
GA	67.7%	56.7%
HI	90.6%	80.9%
TX	75.6%	62.8%
FL	81.8%	68.9%
PR	95.0%	86.5%

The demographics of US vaccination

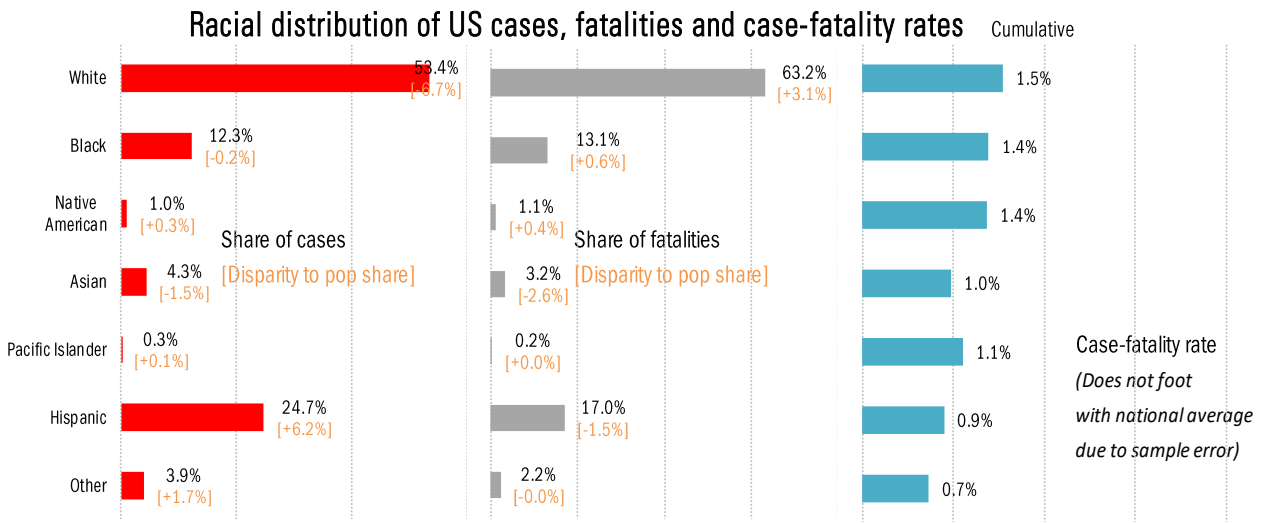
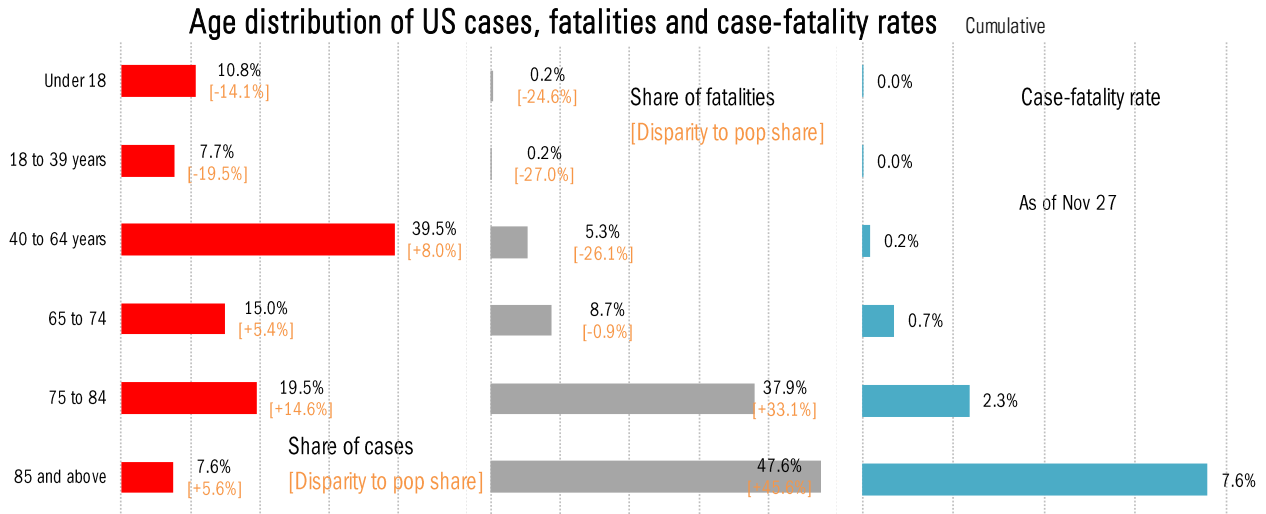


Source: CDC, CDC, Our World in Data, TrendMacro calculations

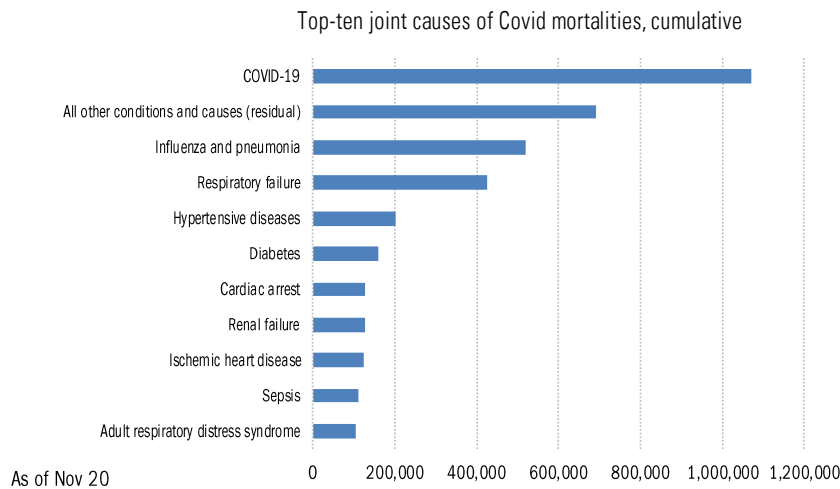
US deep-dive



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



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

[China's Revolt Against Zero-Covid](#)

Wall Street Journal
November 27, 2022

[Public Distrust of Health Officials Is Anthony Fauci's Legacy](#)

Allysia Finley
Wall Street Journal
November 27, 2022

[10 People Died In An Apartment Fire In Xinjiang. Their Doors Were Locked From The Outside Because Of Covid Restrictions.](#)

Steffi Cao
Buzzfeed
November 26, 2022

Meme of the Day

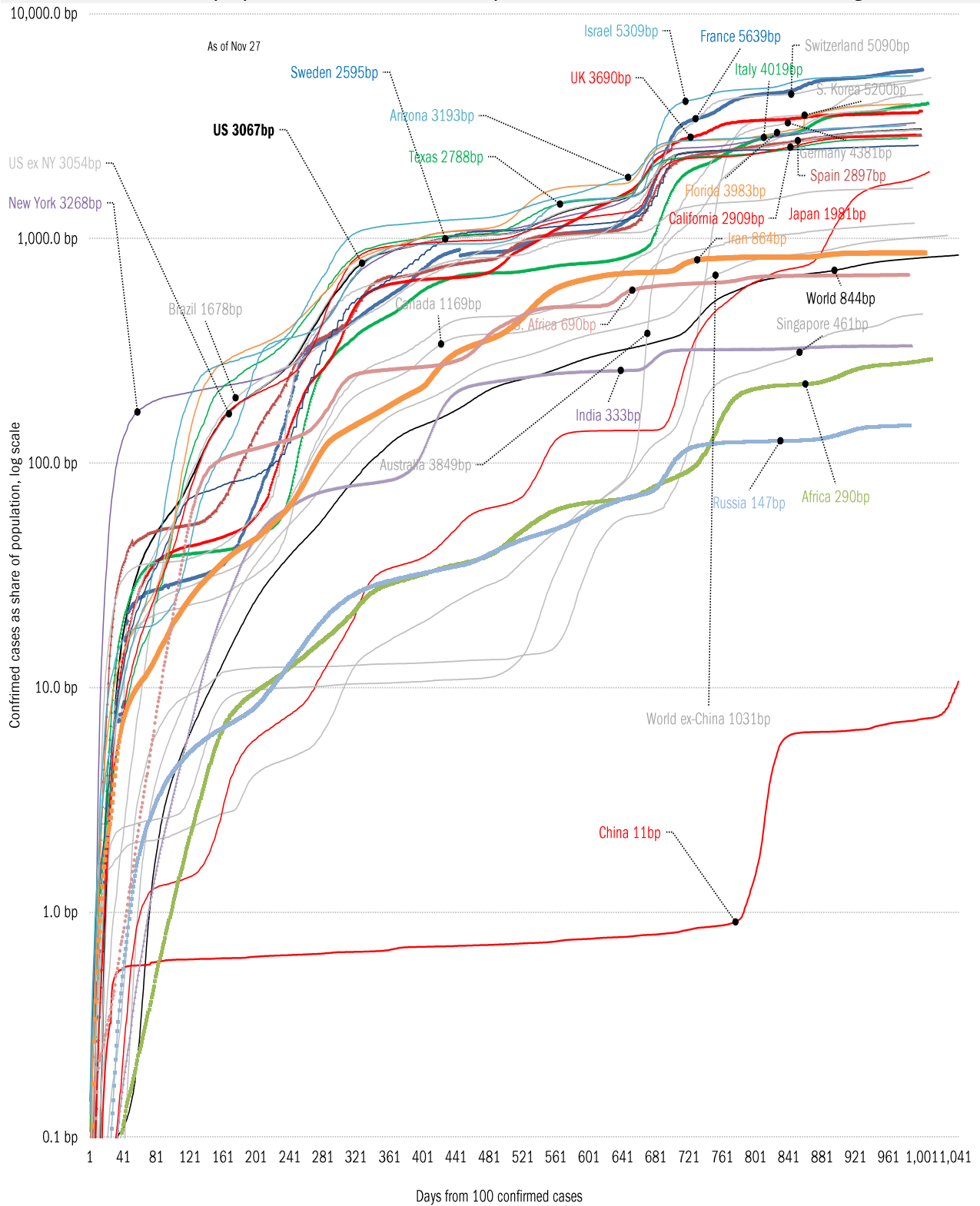
STELLINA



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

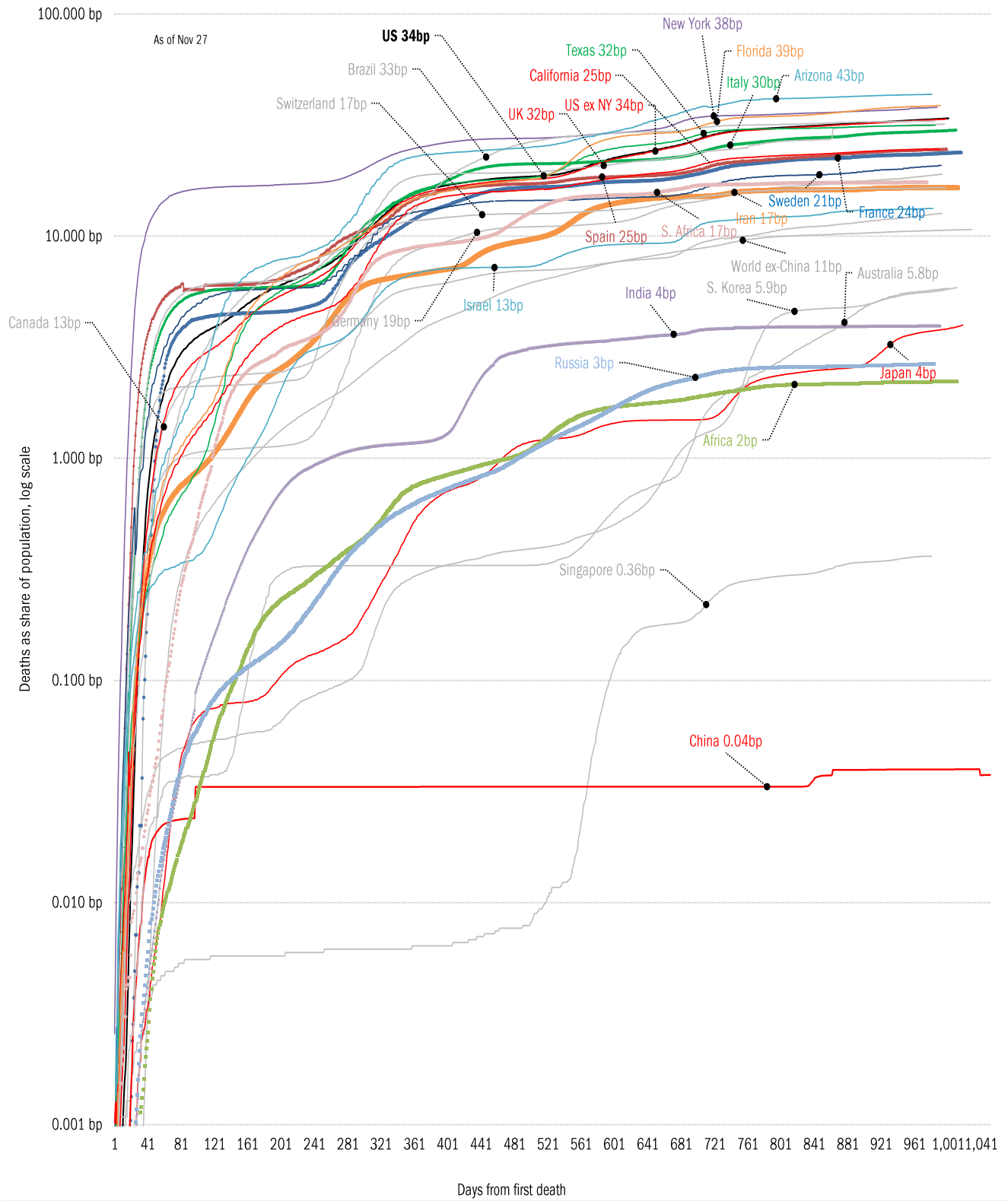
The global coronavirus case accelerometer... tracking the world's infection curves

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

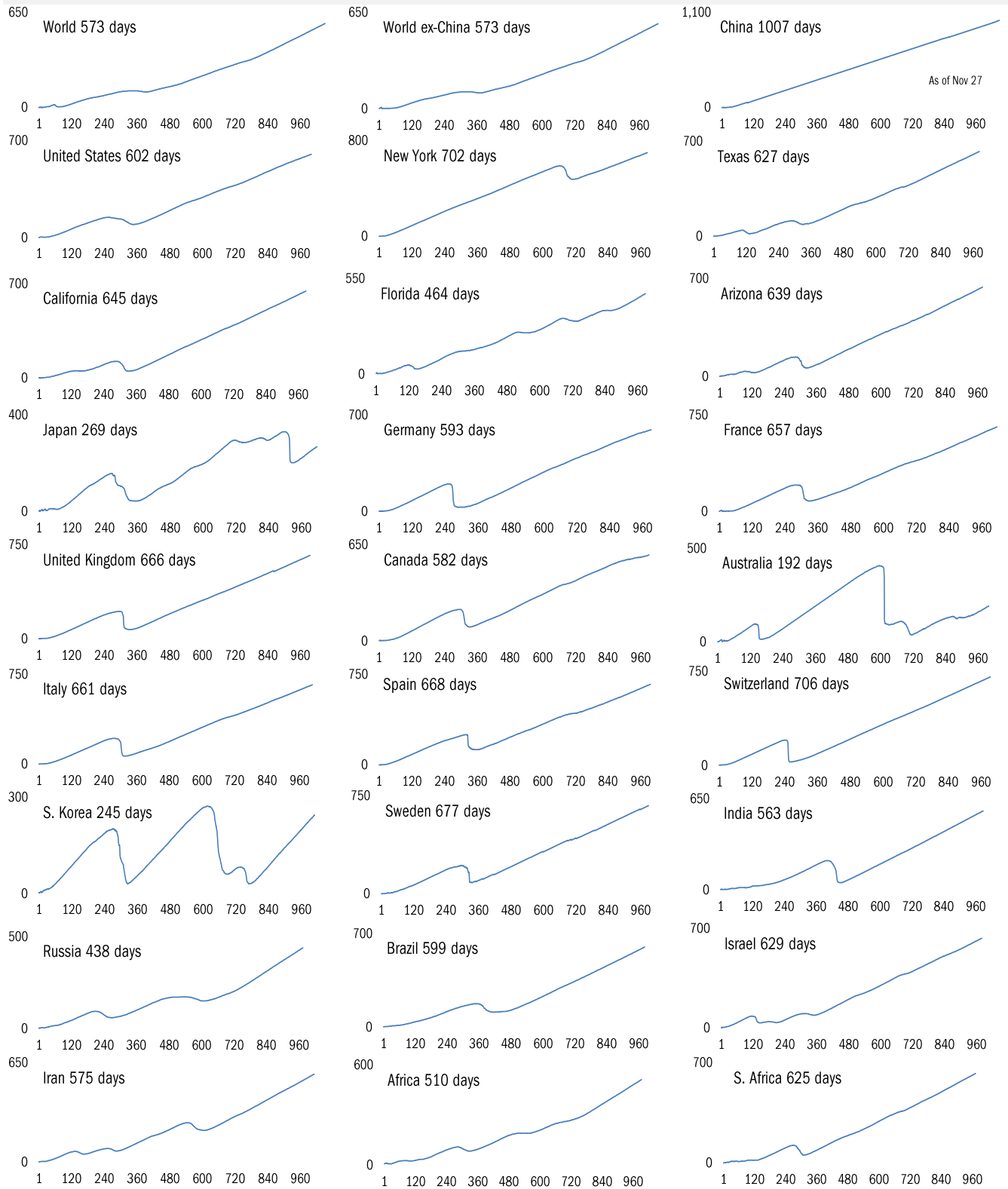


Source: [Johns Hopkins](#), TrendMacro calculations

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

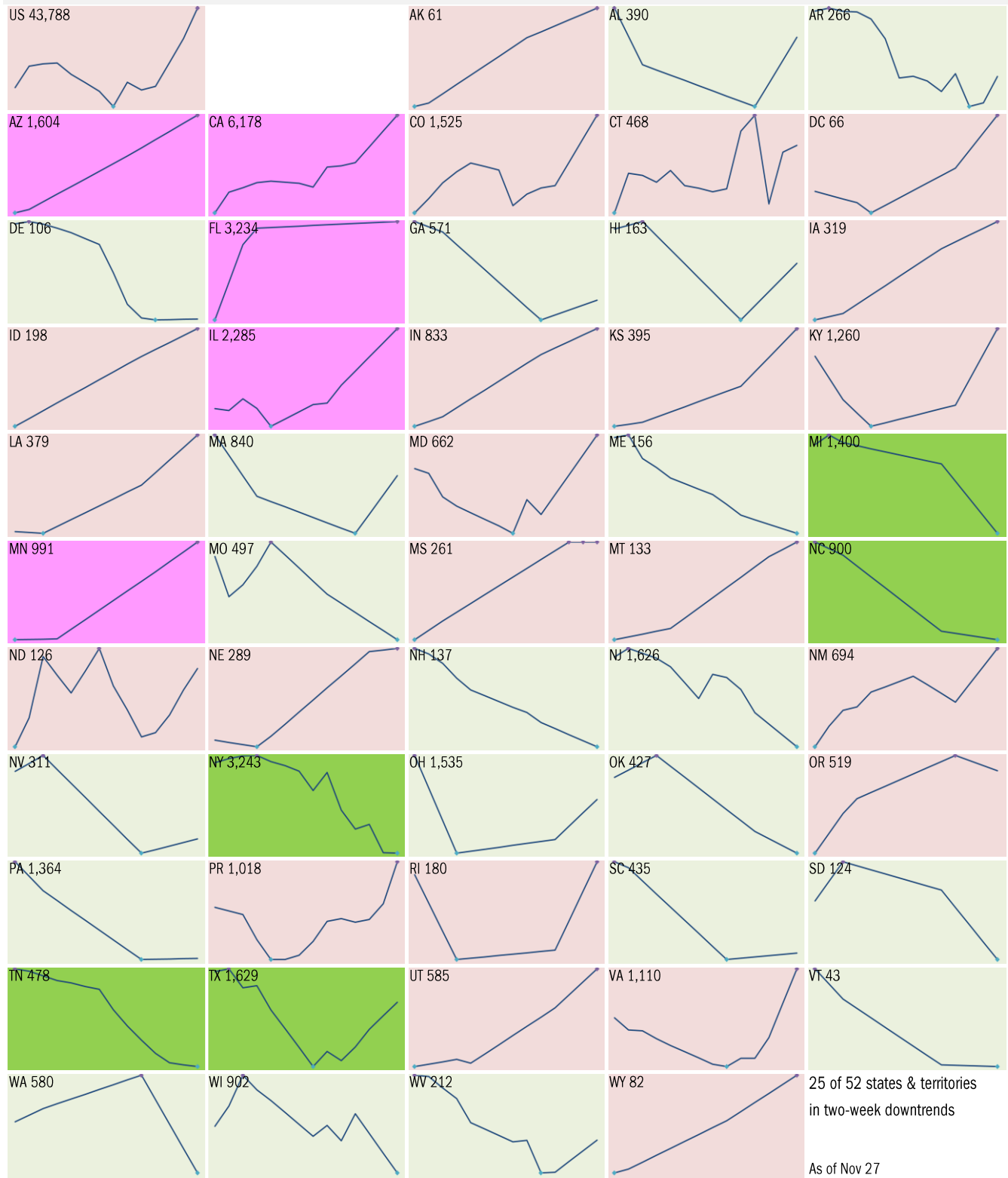


Source: [Johns Hopkins](#), TrendMacro calculations

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

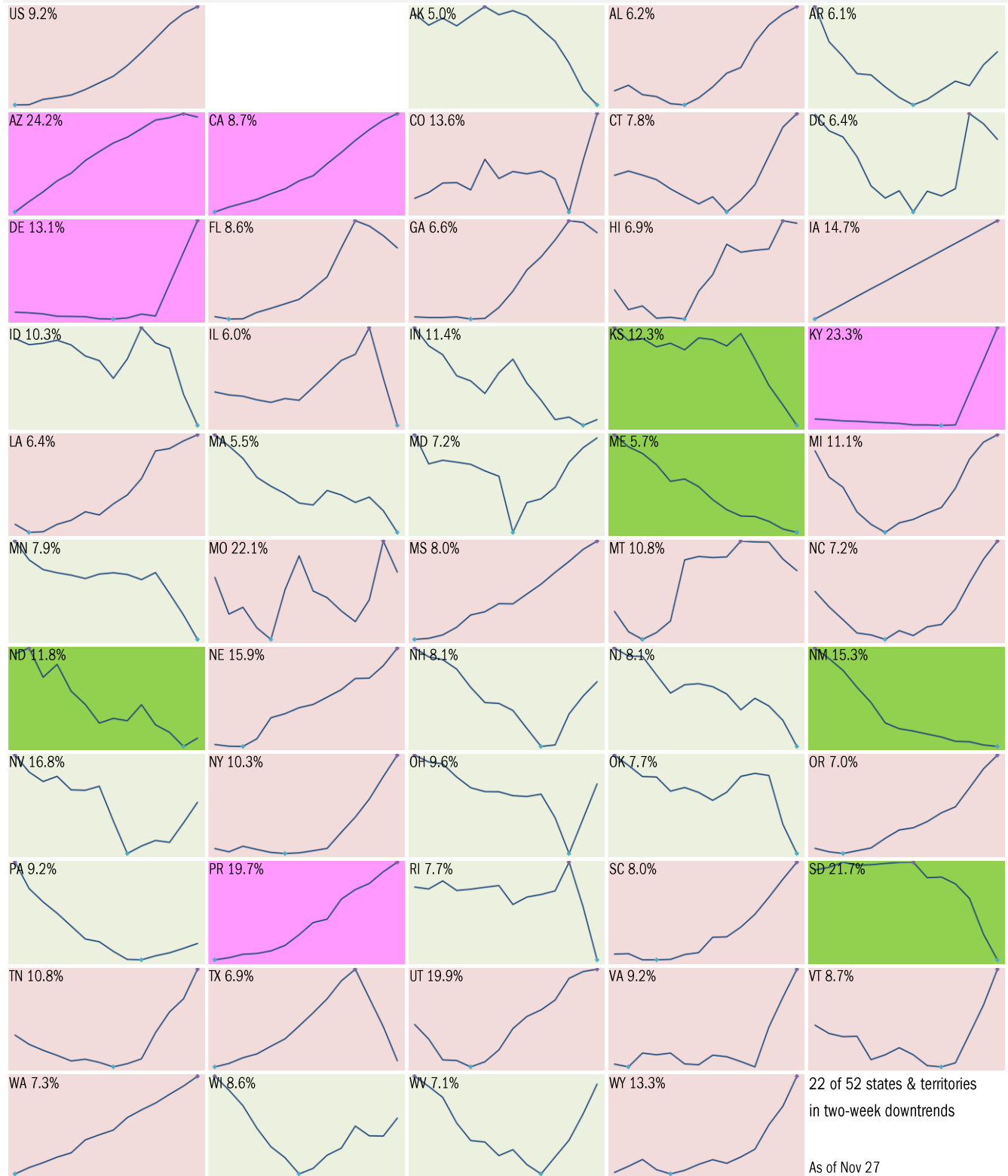


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

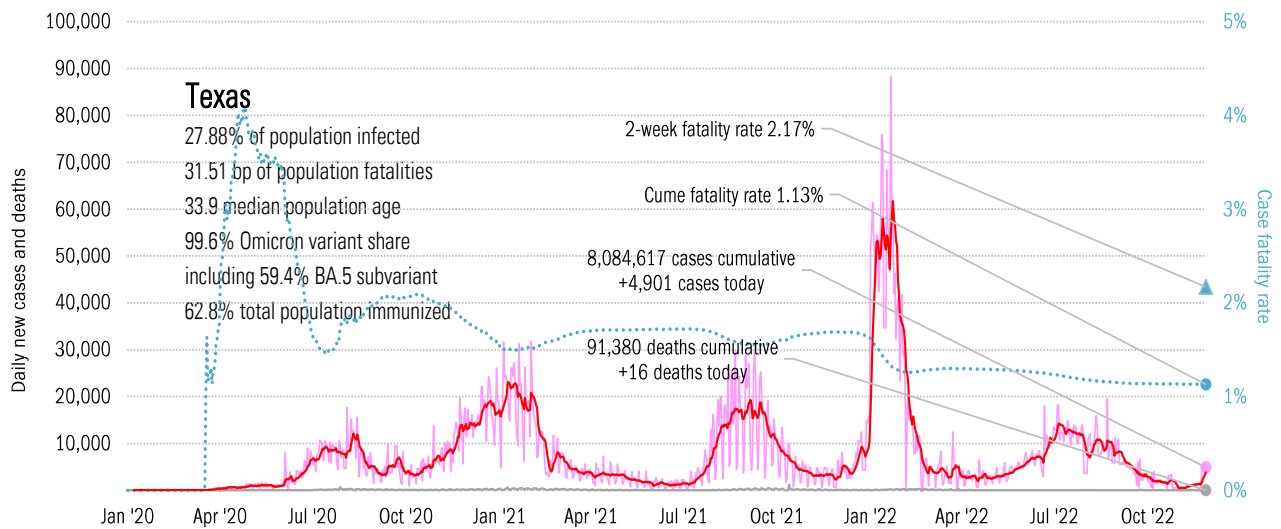
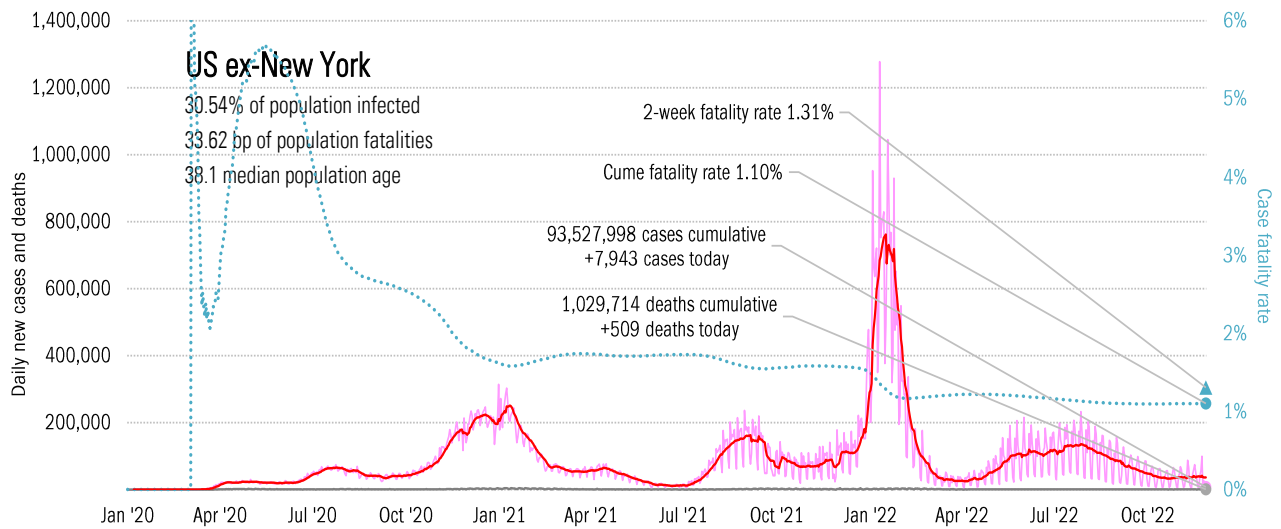
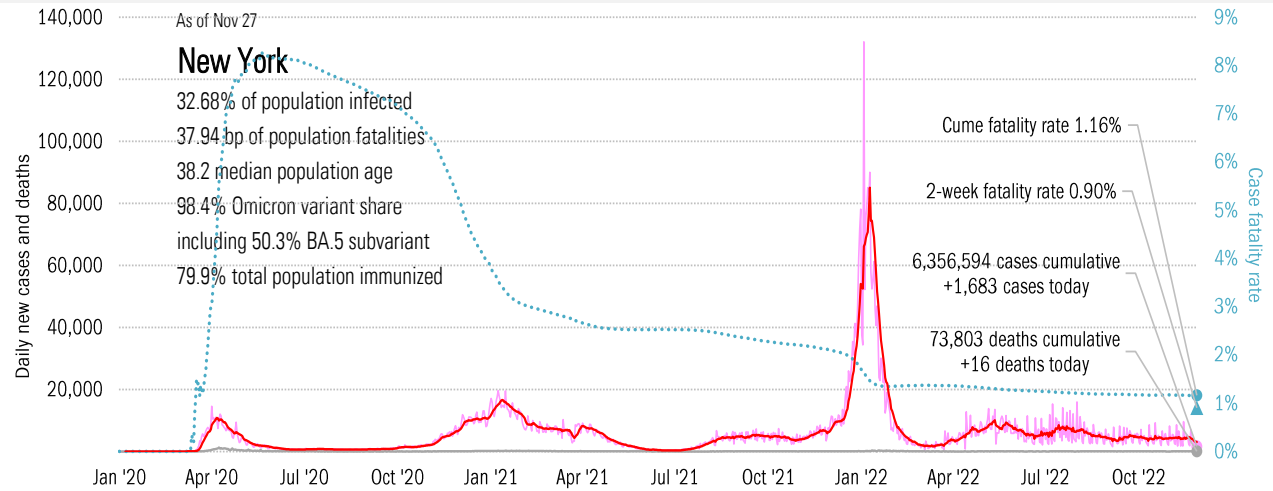
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

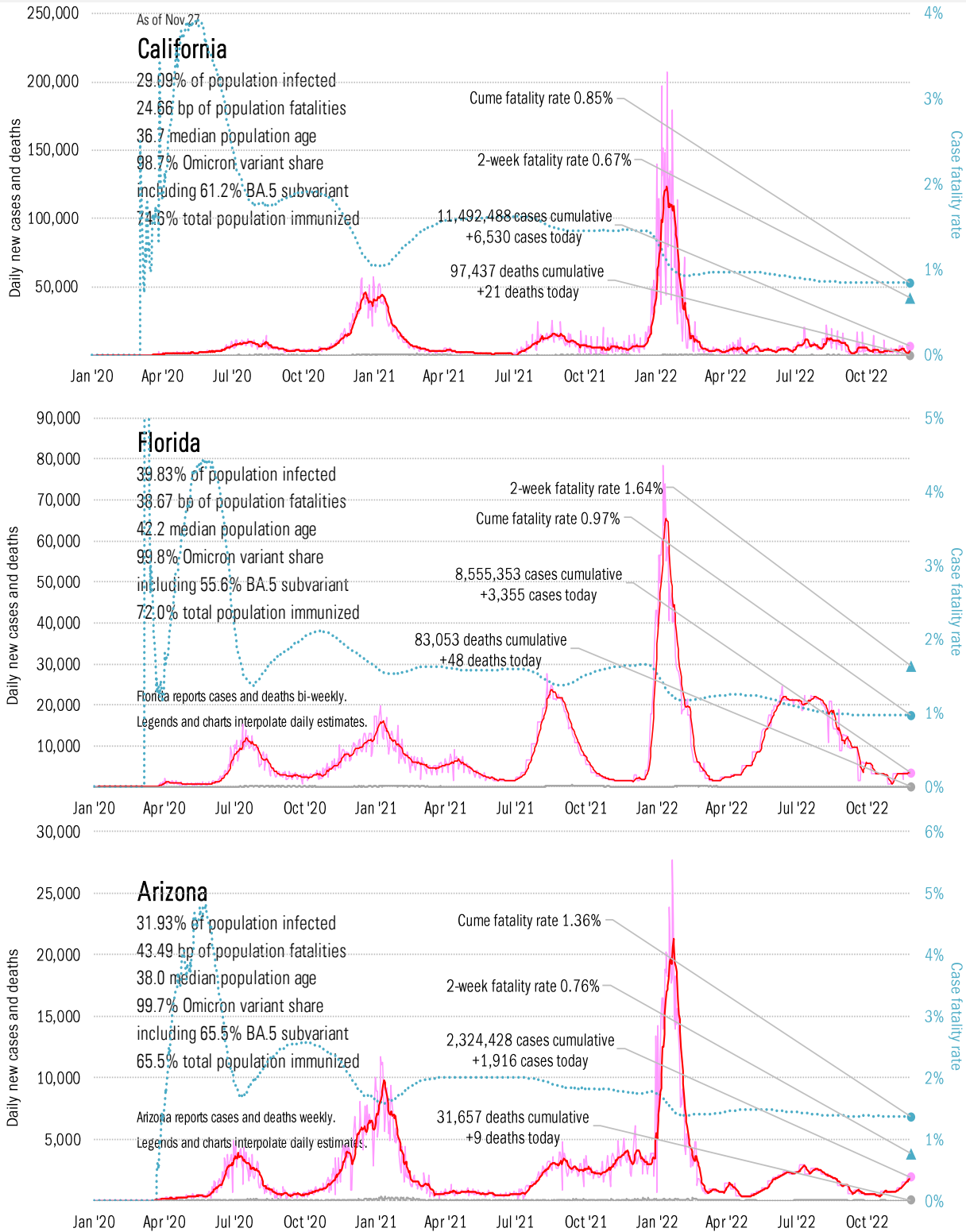
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

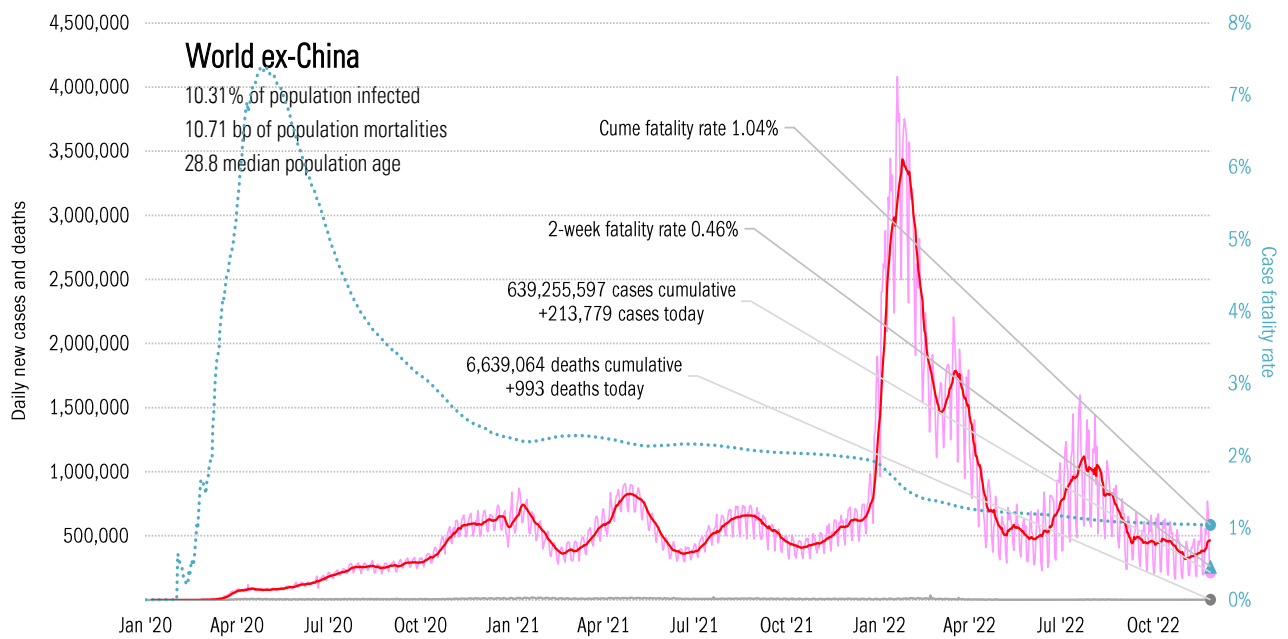
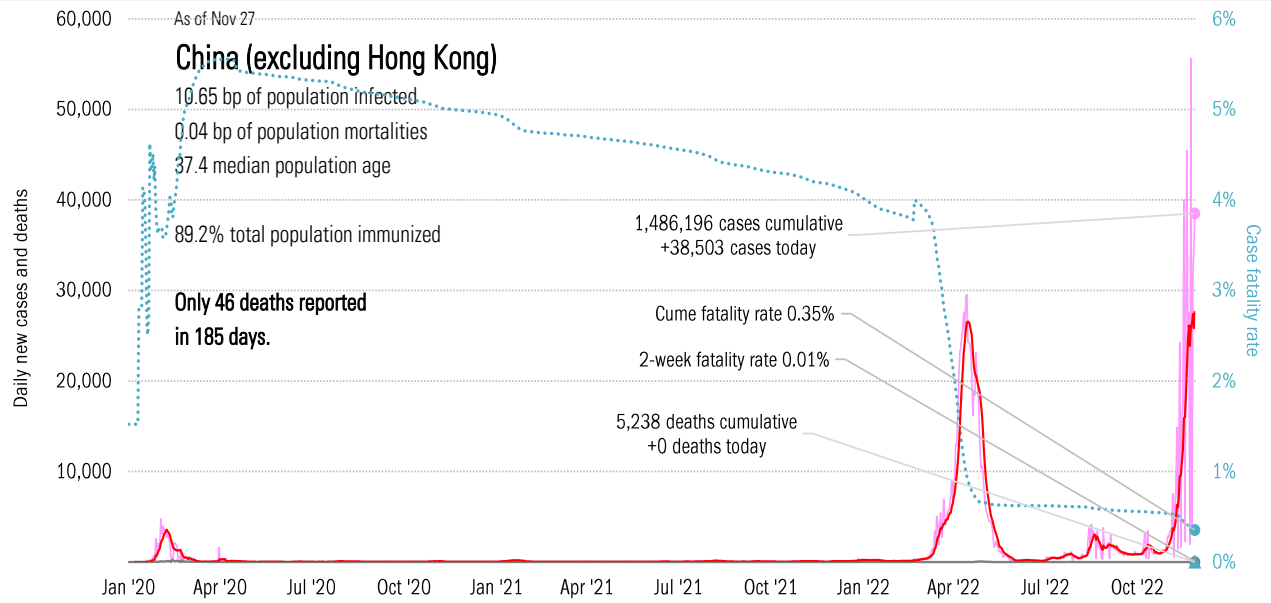
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

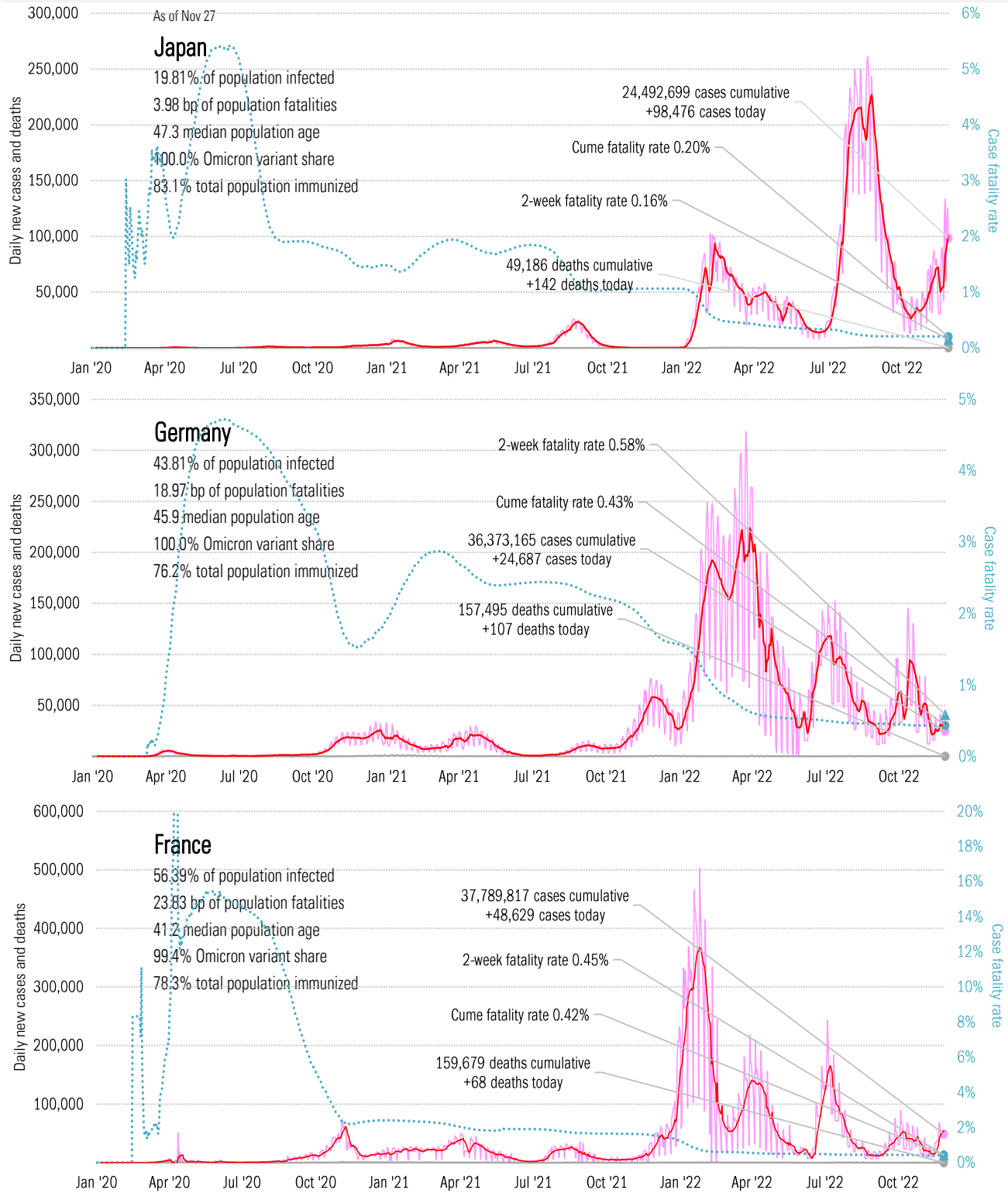
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

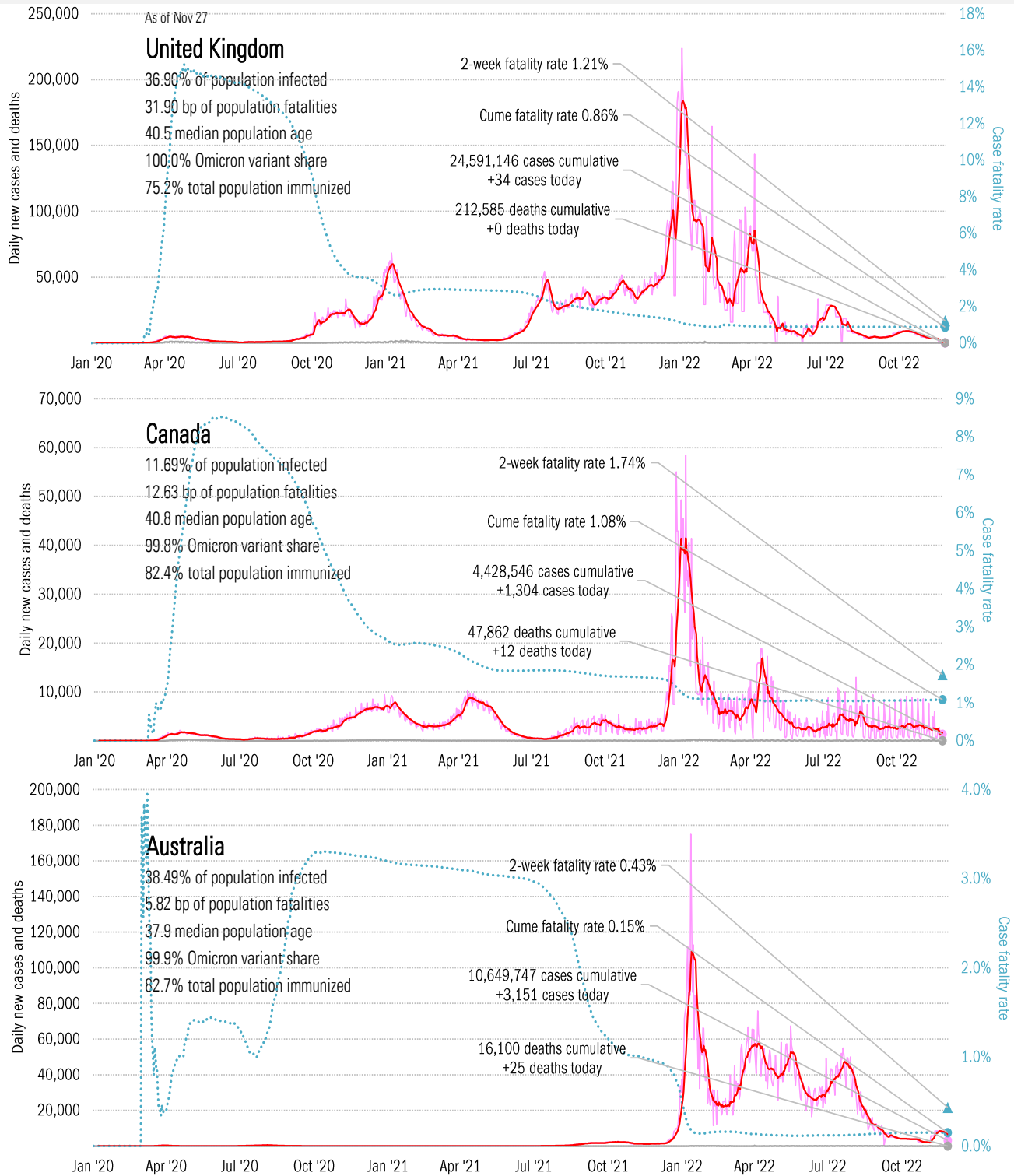
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

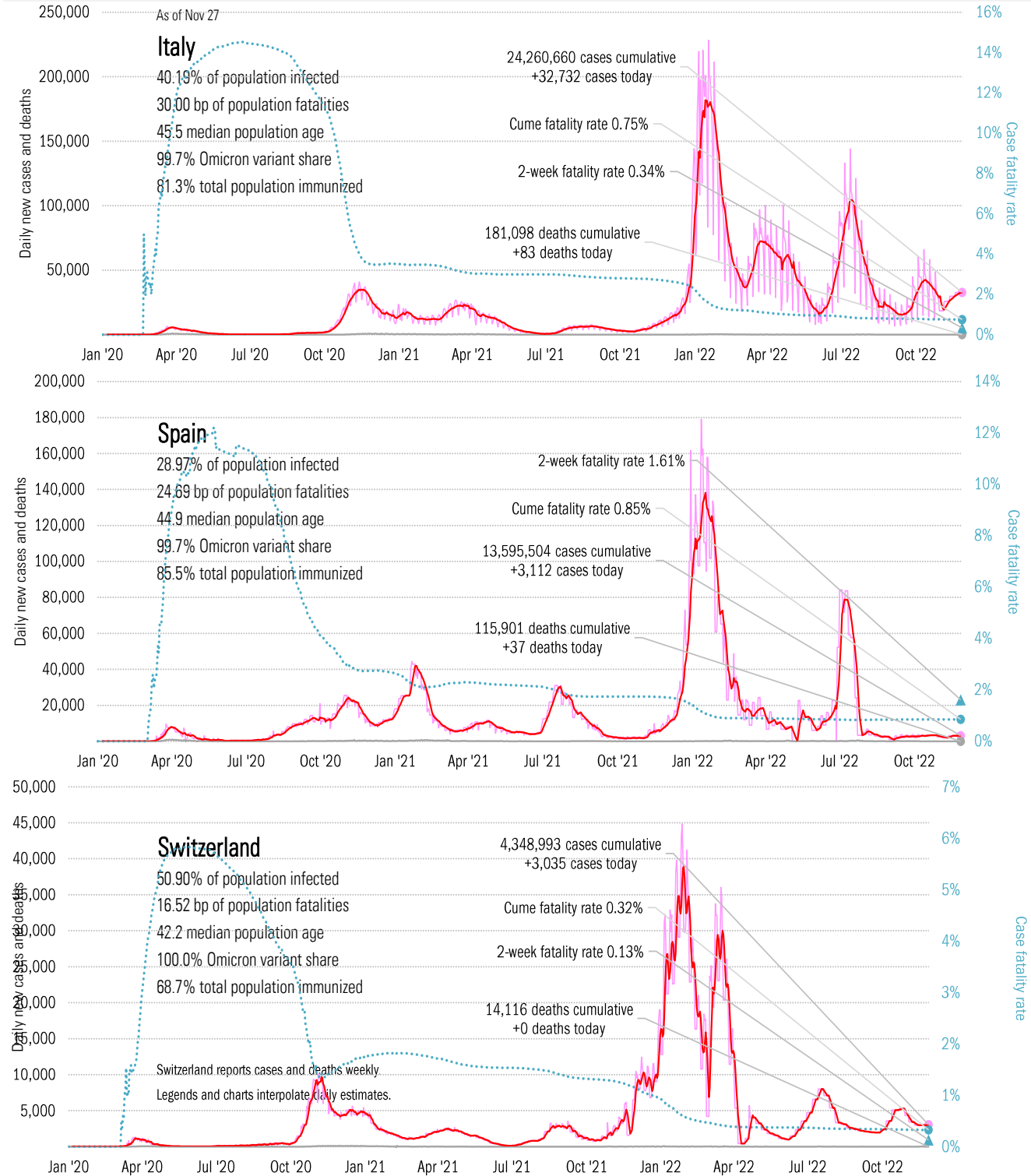
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

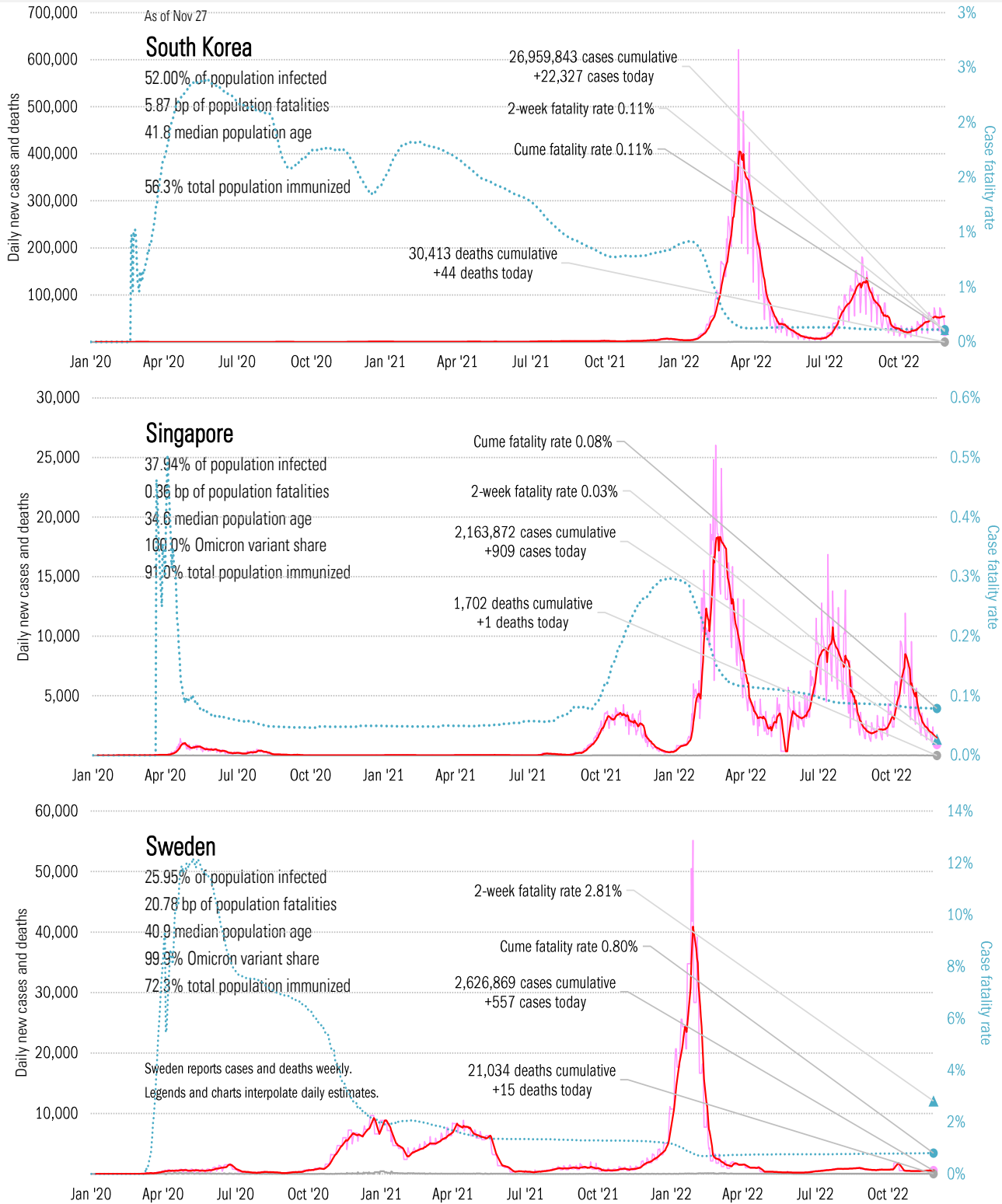
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

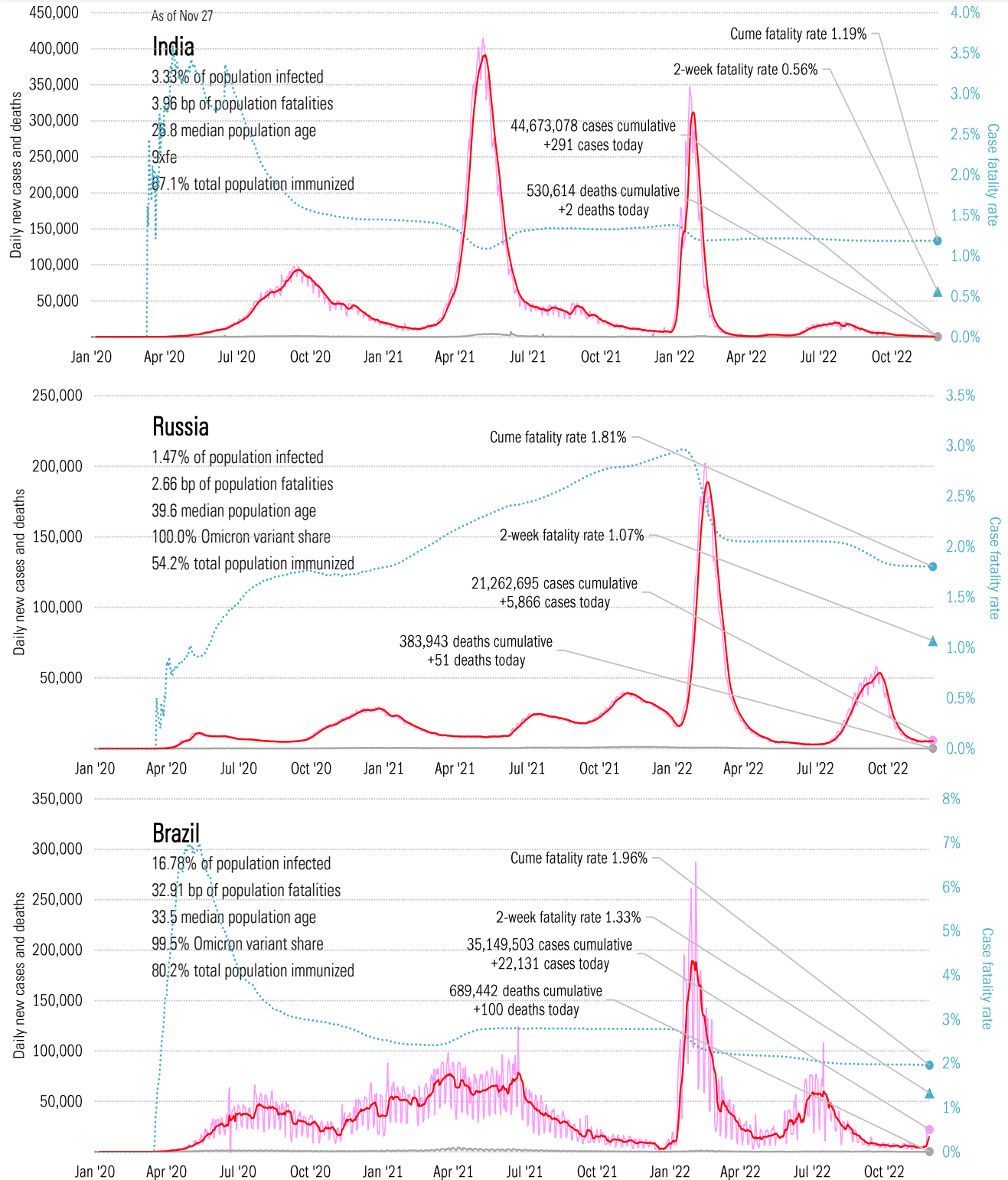
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

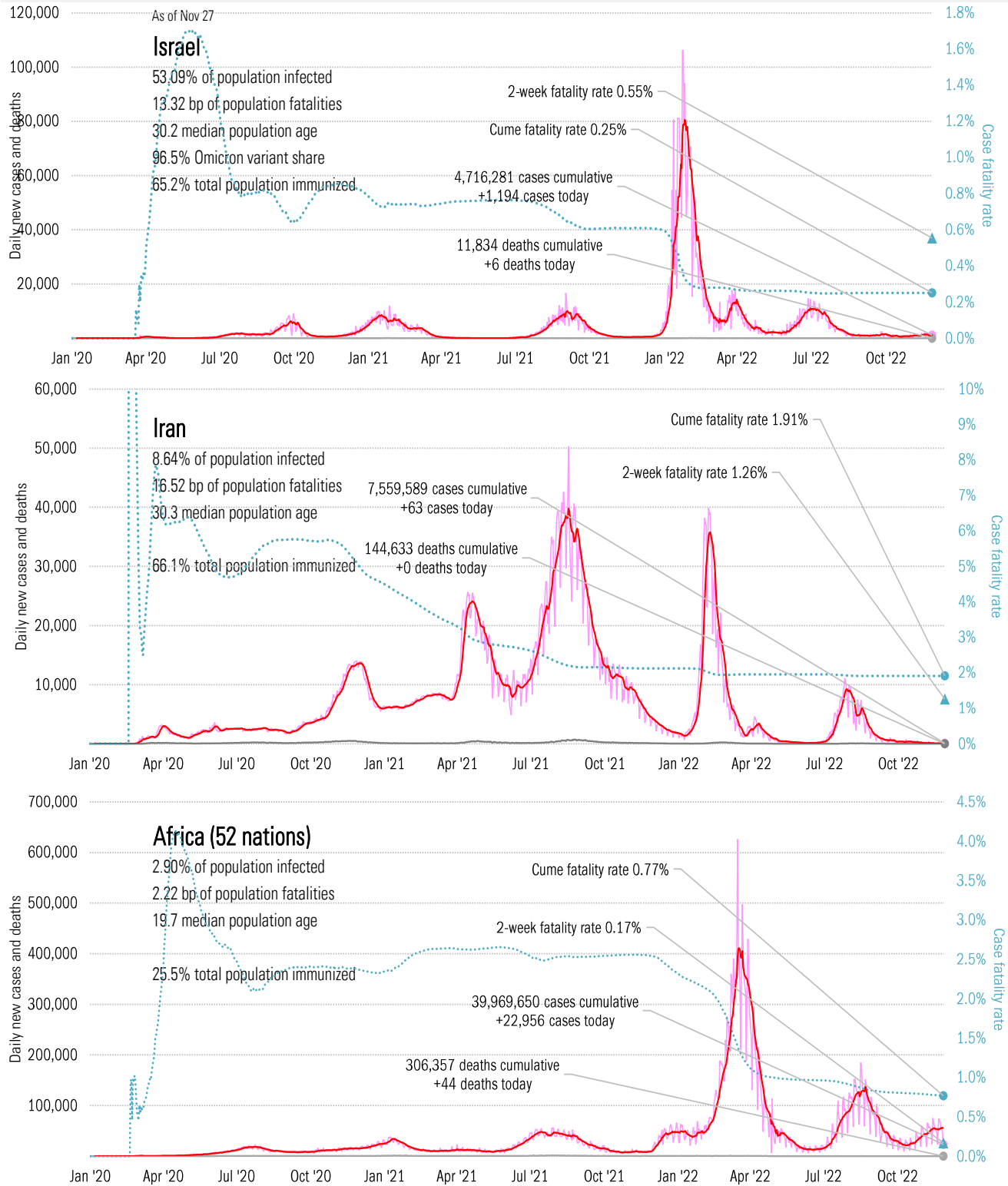
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

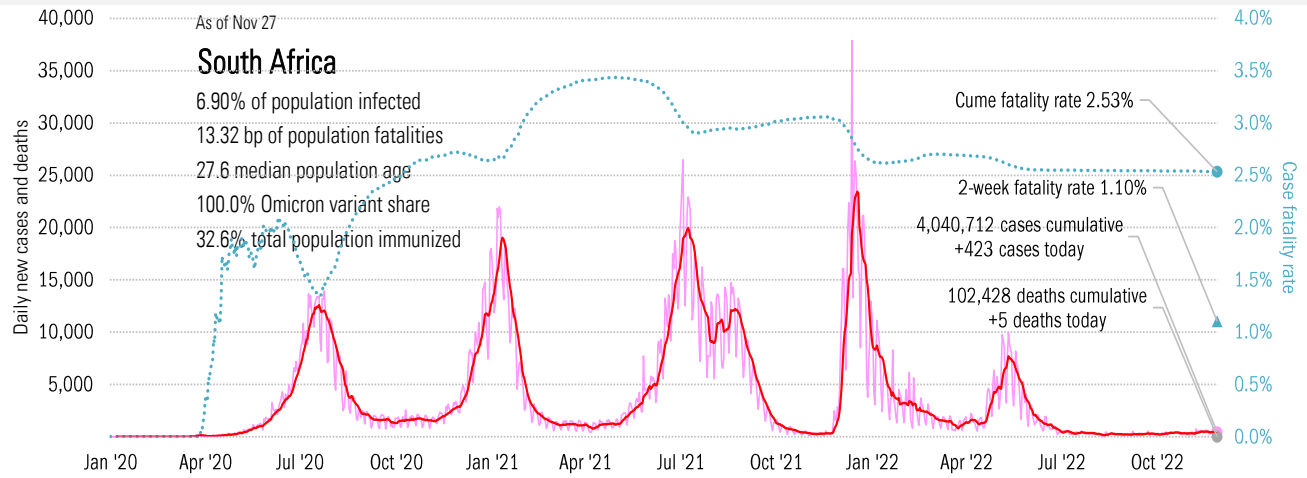
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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