

Data Insights: Covid-2019 Monitor

Thursday, November 24, 2022

The global scorecard

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

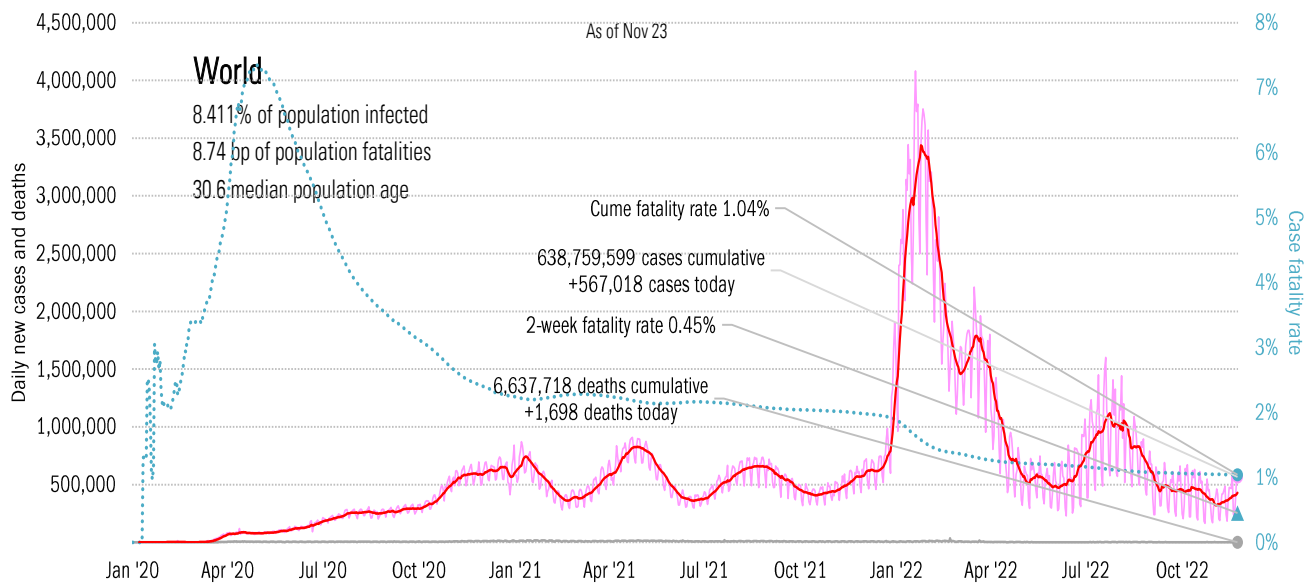
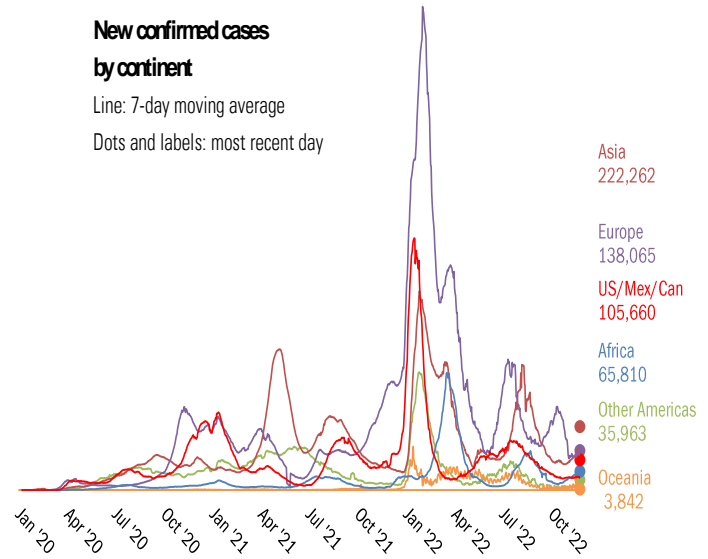
The worst ten countries

New cases		New Deaths	
Japan	133,361	United States	557
Korea, South	59,089	Germany	163
China	55,616	Japan	160
United States	51,670	Seychelles	127
France	49,339	Brazil	117
Germany	38,090	Ukraine	104
Italy	29,764	France	84
Georgia	20,560	Hungary	61
Taiwan*	17,883	Korea, South	59
Indonesia	7,221	Russia	52
462,593		1,484	
World	567,018	World	1,698
Top ten	82%	Top ten	87%

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

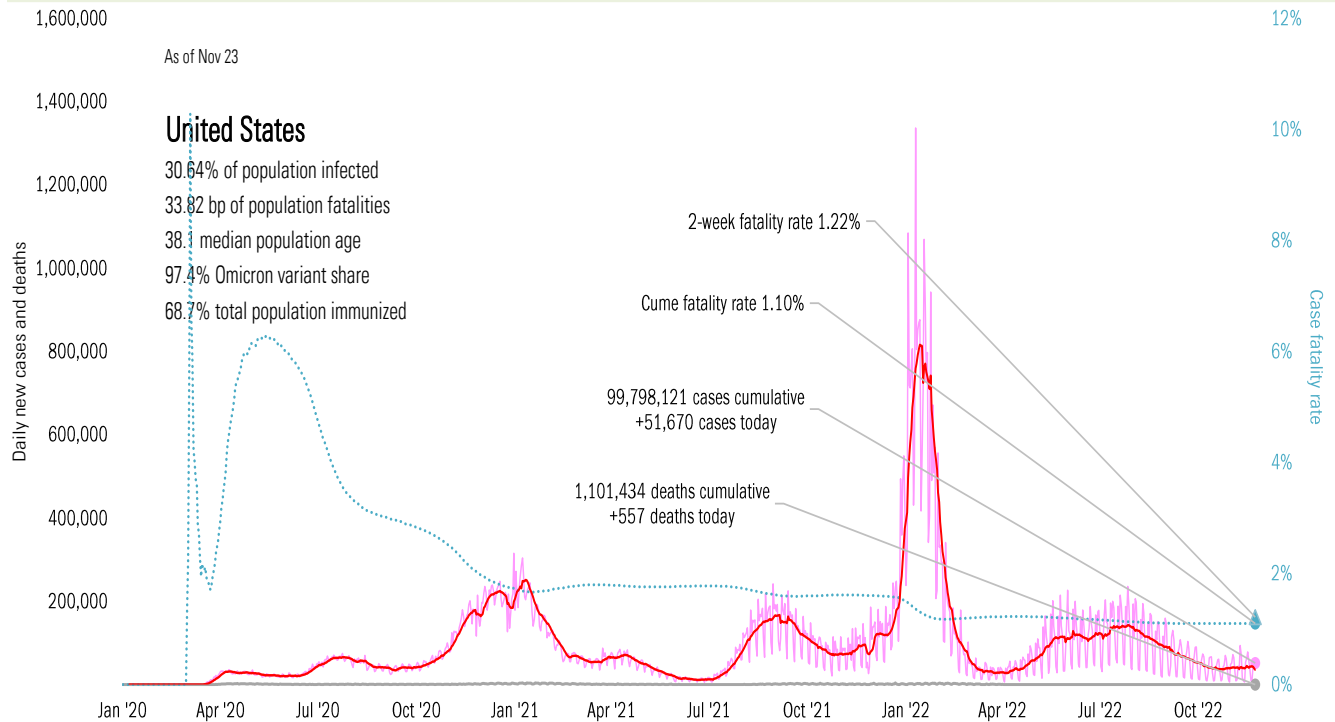
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use									
PA	9,561		NY	72		CA	500		CA	11,461,178		CA	97,355		TX	554,493		RI	90%	NH	88%								
NY	3,484		FL	48		PA	212		FL	8,541,932		TX	91,380		CA	516,007		MA	86%	AK	84%								
FL	3,355		MI	39		FL	223		TX	8,084,617		FL	83,005		FL	502,969		MN	86%	AL	84%								
CA	3,184		WA	39		TX	213		NY	6,348,679		NY	73,787		NY	318,288		WA	84%	RI	83%								
IL	2,711		CA	38		NE	32		IL	3,860,866		PA	48,271		GA	229,592		NH	83%	TX	83%								
TX	2,451		NV	24		GA	99		PA	3,350,067		GA	41,024		CH	226,776		AK	83%	MA	82%								
AZ	1,916		PA	21		KY	55		NC	3,268,501		CH	40,466		PA	213,343		MO	83%	DC	82%								
KY	1,834		TX	16		OK	42		OH	3,227,759		IL	40,247		IL	194,968		GA	82%	NM	82%								
CH	1,571		WI	16		CT	70		GA	2,937,280		MI	39,972		MI	169,633		MD	82%	VT	82%								
CO	1,552		MA	16		IL	204		MI	2,929,612		NJ	35,079		KY	147,630		WV	81%	NC	81%								
31,618			328			1,650			54,010,491			590,586			3,073,699														
All states			51,670			557			3,858			All states			99,798,121			1,101,434			5,583,188			All states		70%		67%	
Top ten			61%			59%			43%			Top ten			54%			55%			55%			Median		77%		74%	

Some states not reporting

Five most improved US states

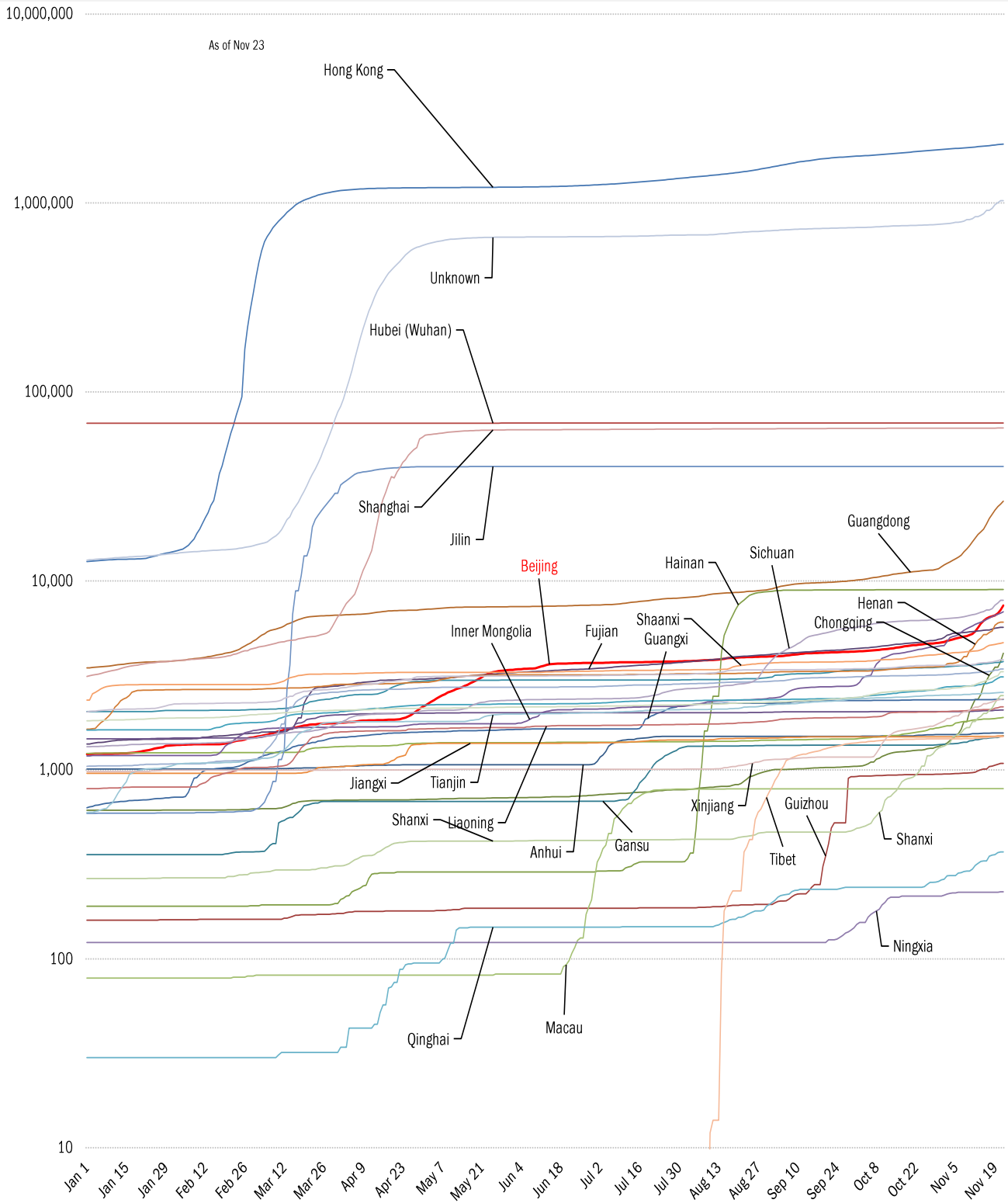
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
MD	-786	CO	-15	MI	-61
WI	-318	MD	-13	NY	-52
MO	-293	VA	-4	AZ	-47
NJ	-149	NJ	-1	MA	-36
ME	-110	WY	-1	MD	-36



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"

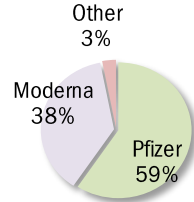


Source: [Johns Hopkins](#), TrendMacro calculations

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

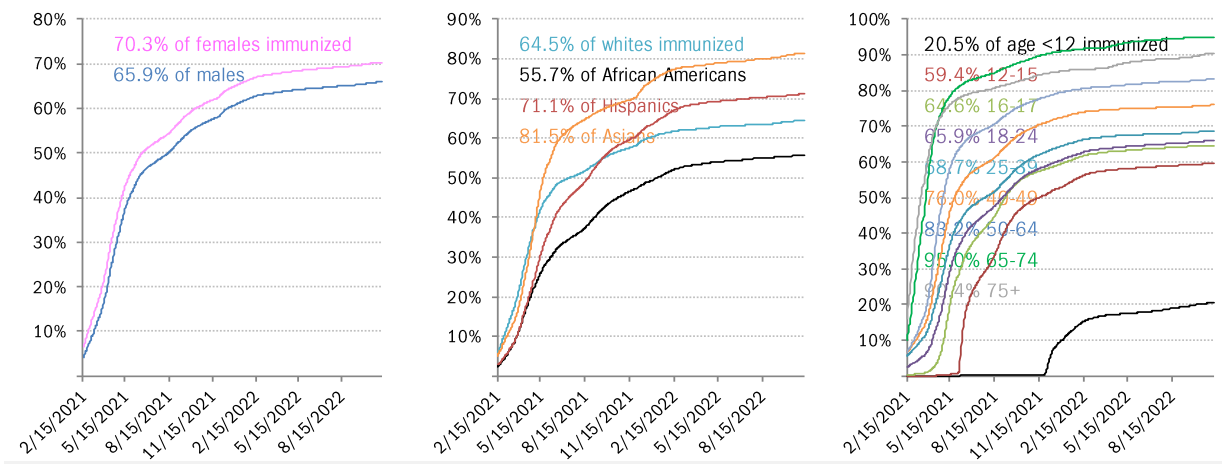
*Immunity" = two doses

Best
Middle
Worst

Global data differs due to sources, timing

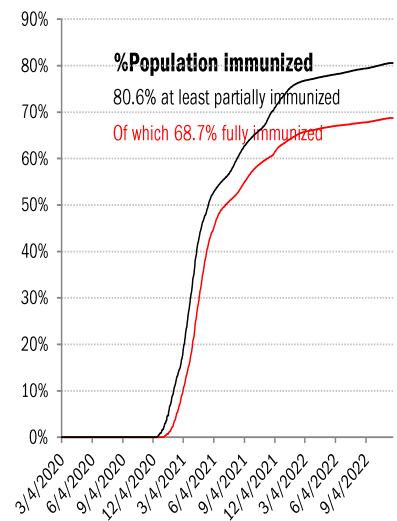
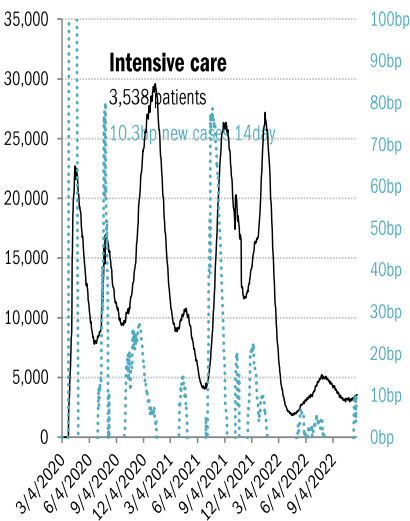
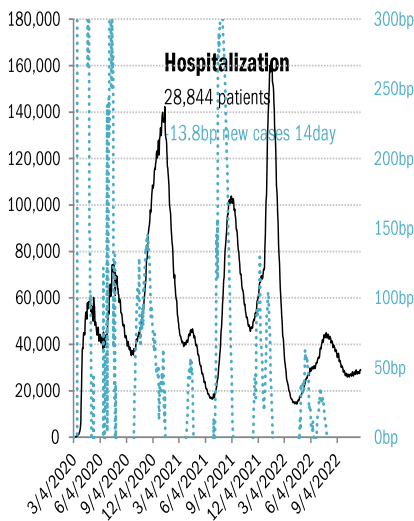
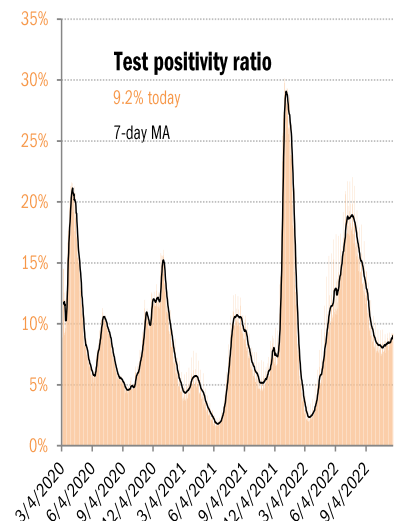
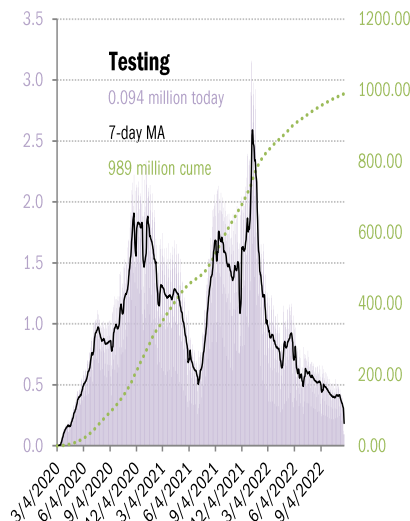
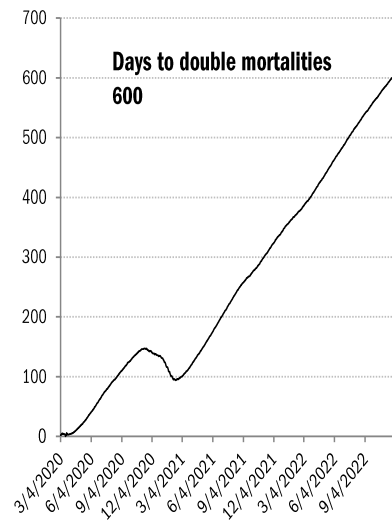
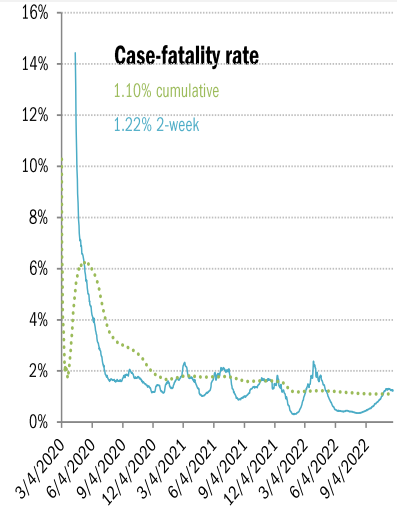
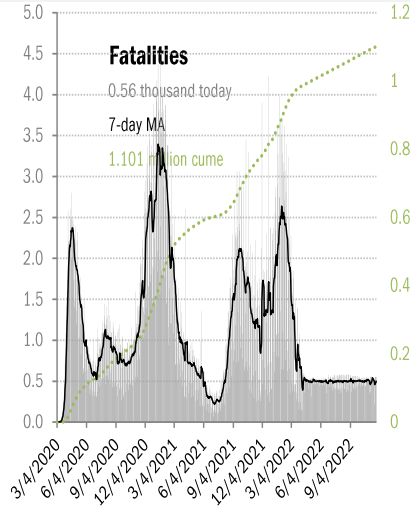
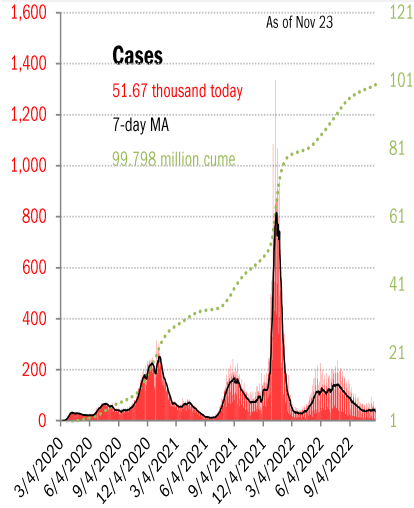
As of Nov 18										
					WI					ME
					74.4%					95.0%
					67.7%					82.5%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
84.4%	63.4%	67.7%	68.6%	78.0%	78.7%	69.0%		93.5%	95.0%	86.3%
75.3%	56.0%	58.7%	58.0%	71.5%	70.8%	61.9%		79.9%	84.6%	70.5%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
80.7%	78.1%	60.4%	82.6%	70.1%	63.9%	65.2%	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

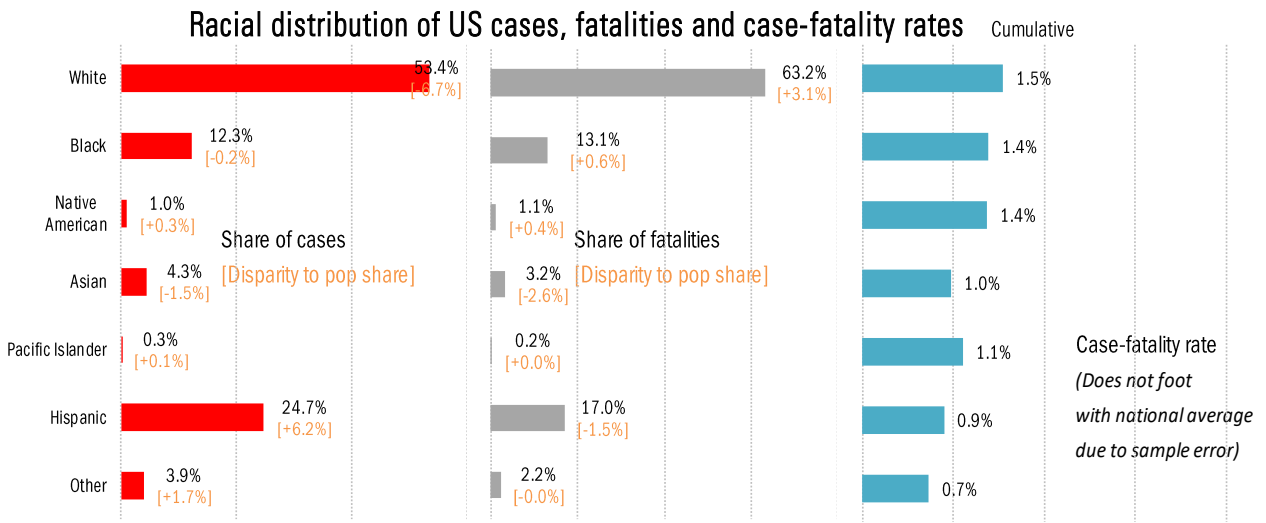
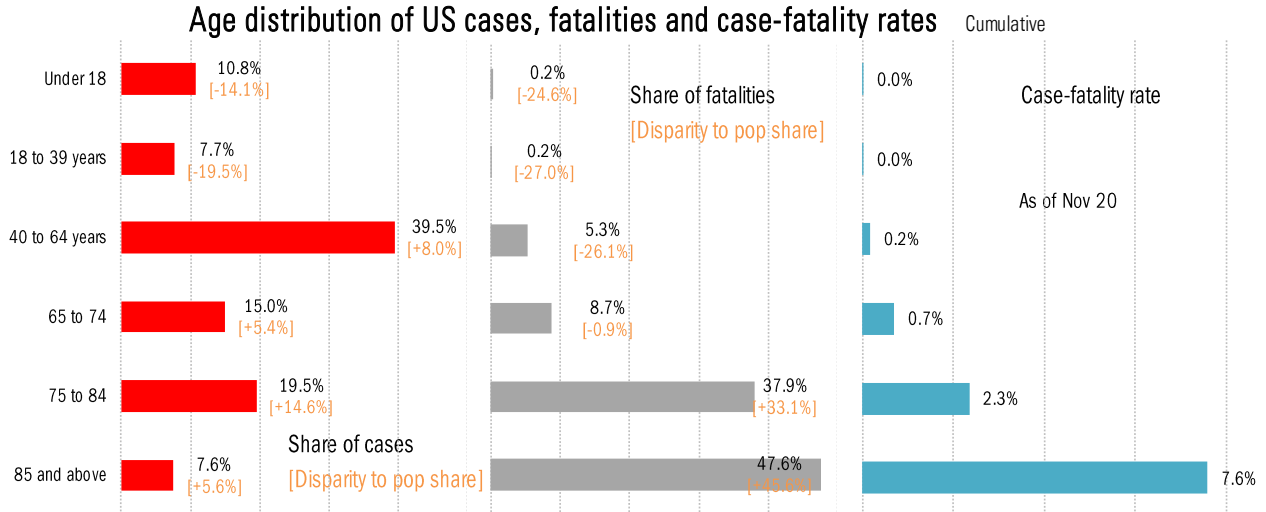


Source: CDC, CDC, Our World in Data, TrendMacro calculations

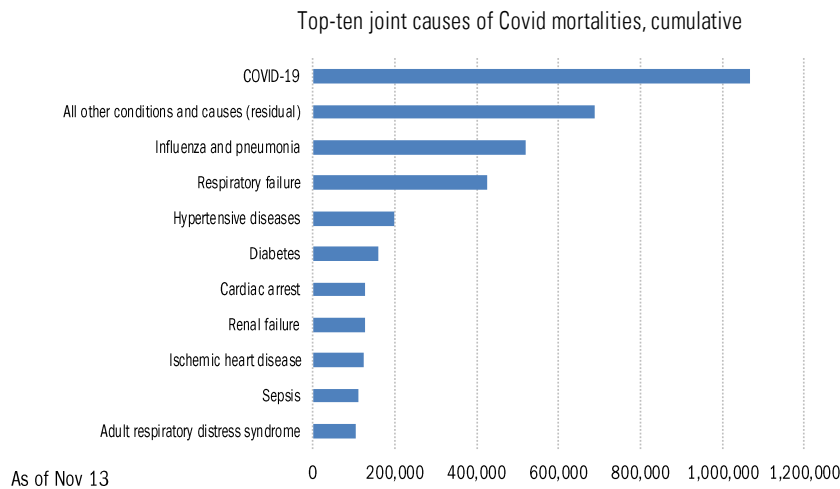
US deep-dive



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



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

[Progress Toward Global Eradication of Dracunculiasis — Worldwide, January 2021–June 2022](#)

Donald R. Hopkins et al.
Centers for Disease Control
November 25, 2022

[China Recovery Hopes Crushed by Record Covid Outbreak as Lockdowns Spread](#)

Jason Douglas
Wall Street Journal
November 24, 2022

[Measles is an 'imminent threat' worldwide, CDC and WHO report finds](#)

Mary Kekatos
ABC News
November 23, 2022

[Goodbye Sars-Cov-2](#)

Alex Berenson
Unreported Truths
November 23, 2022

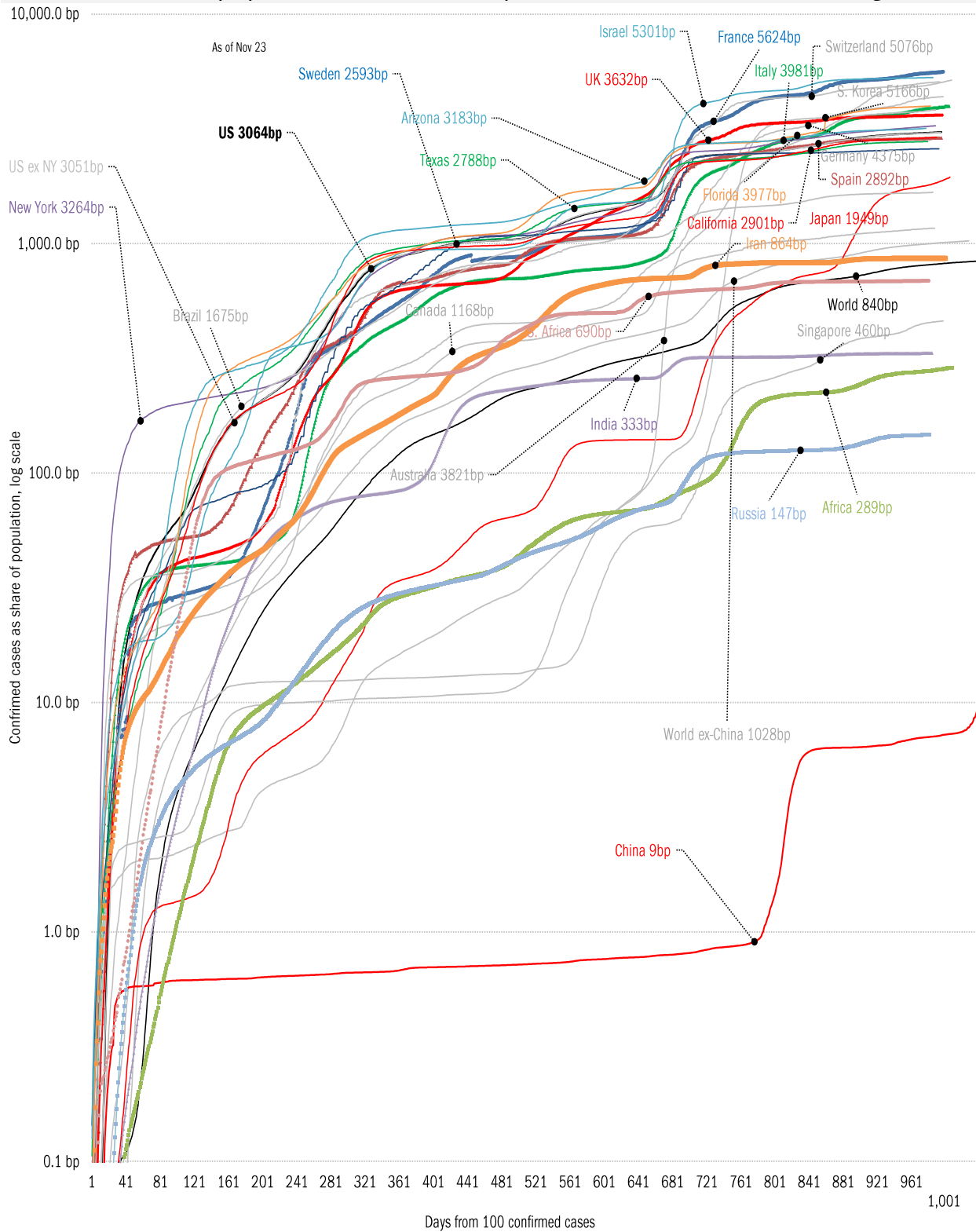
Meme of the Day



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

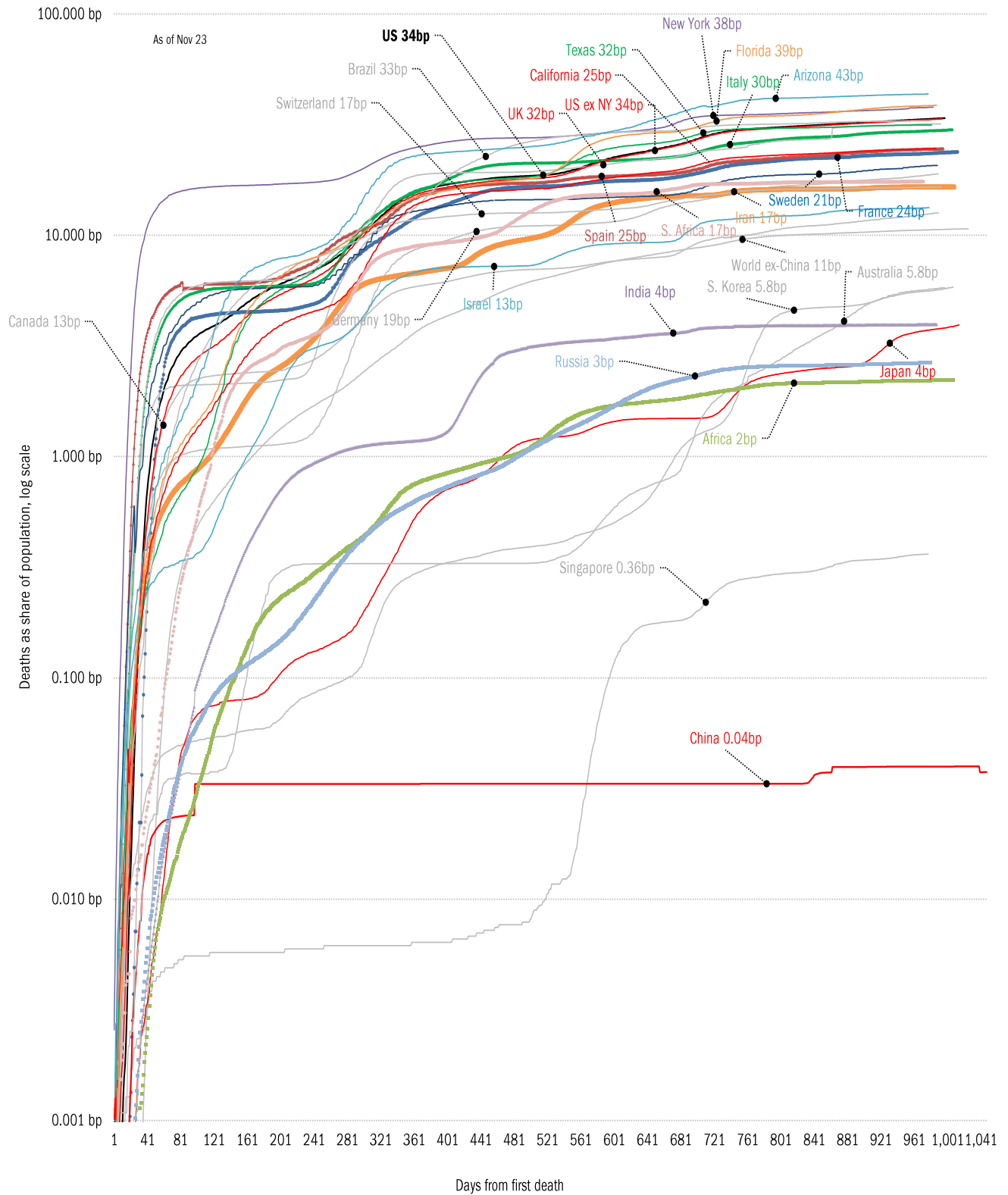
The global coronavirus case accelerometer... tracking the world's infection curves

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

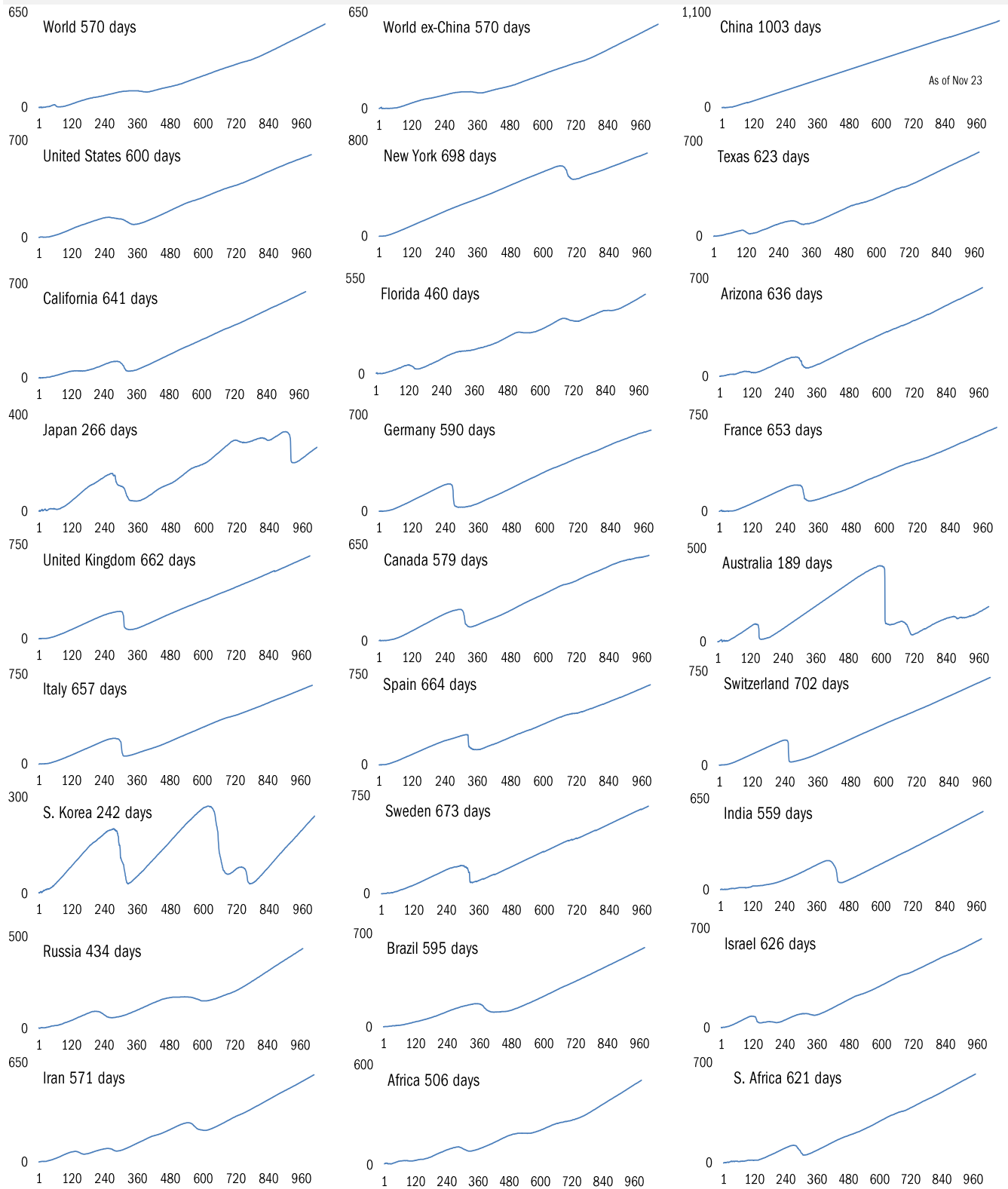


Source: [Johns Hopkins](#), TrendMacro calculations

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

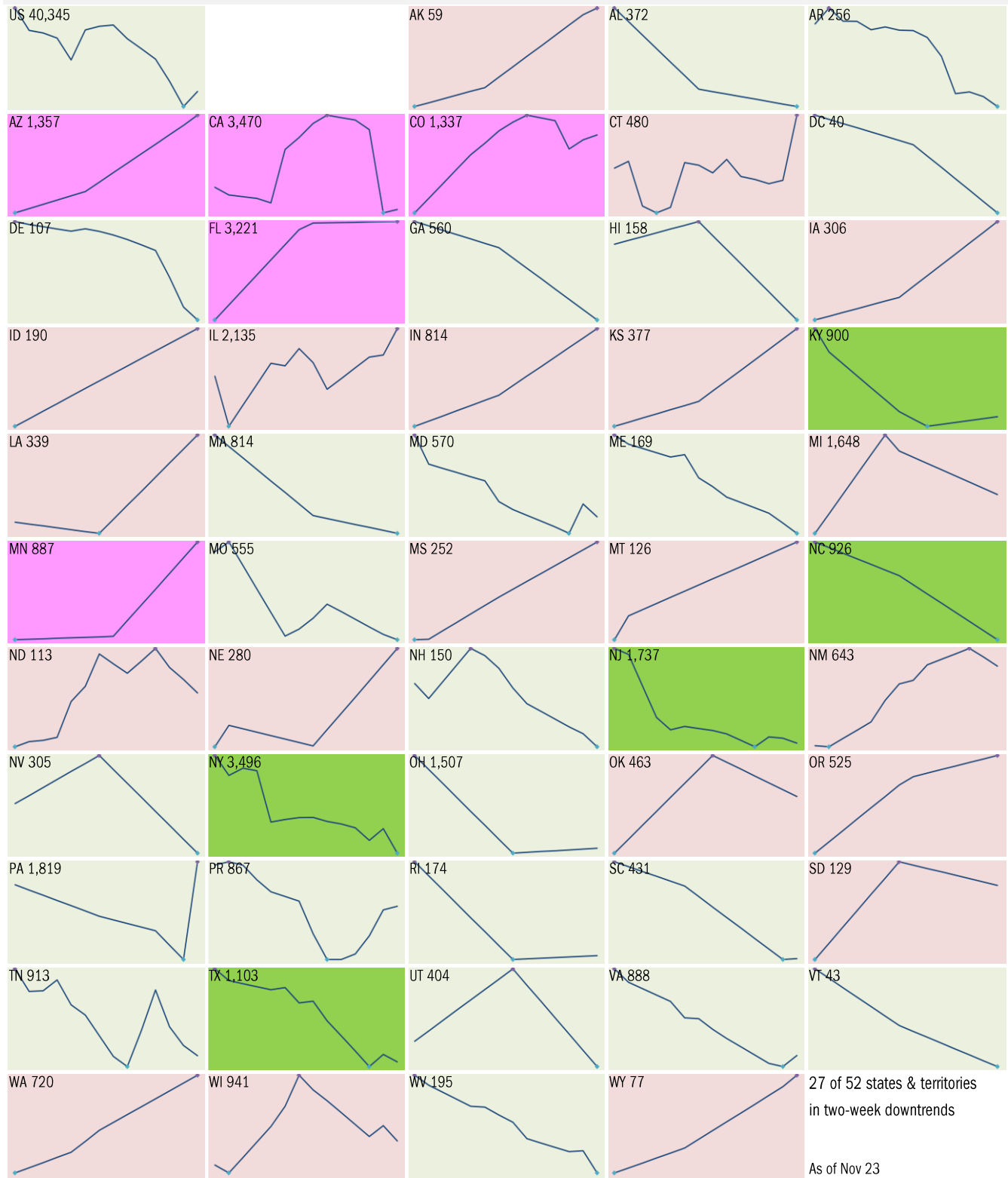


Source: [Johns Hopkins](#), TrendMacro calculations

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

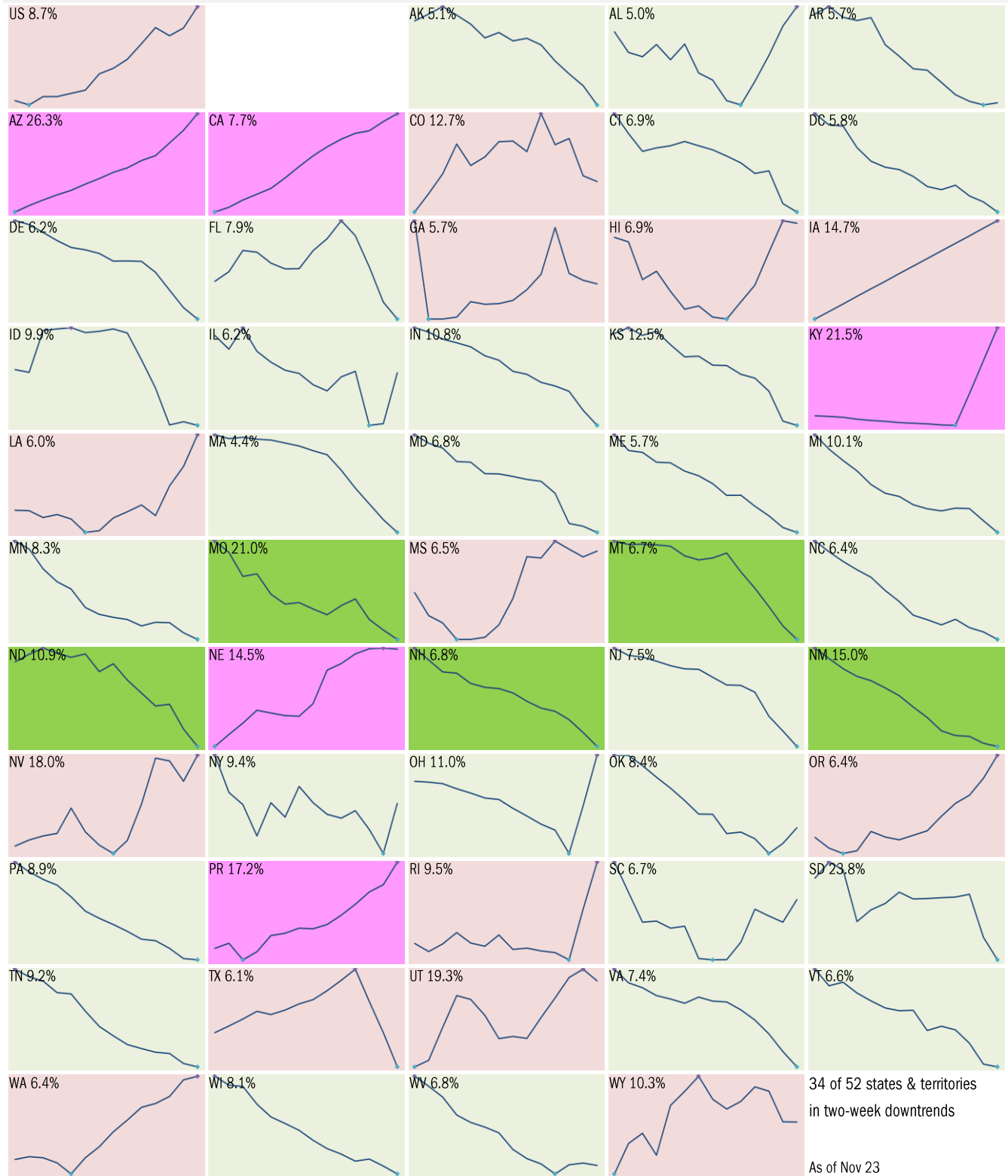


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

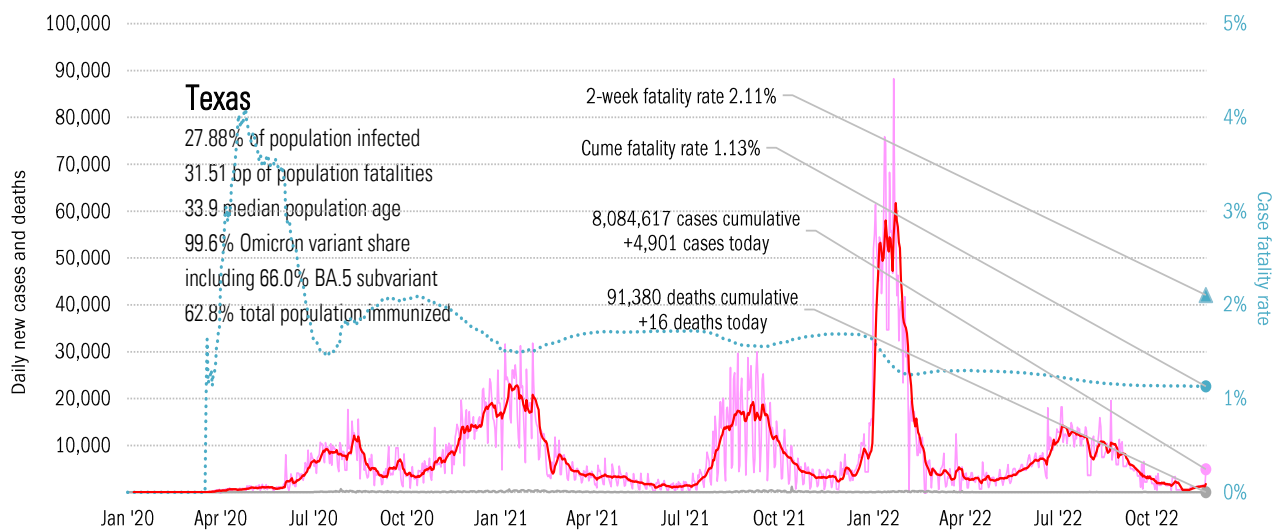
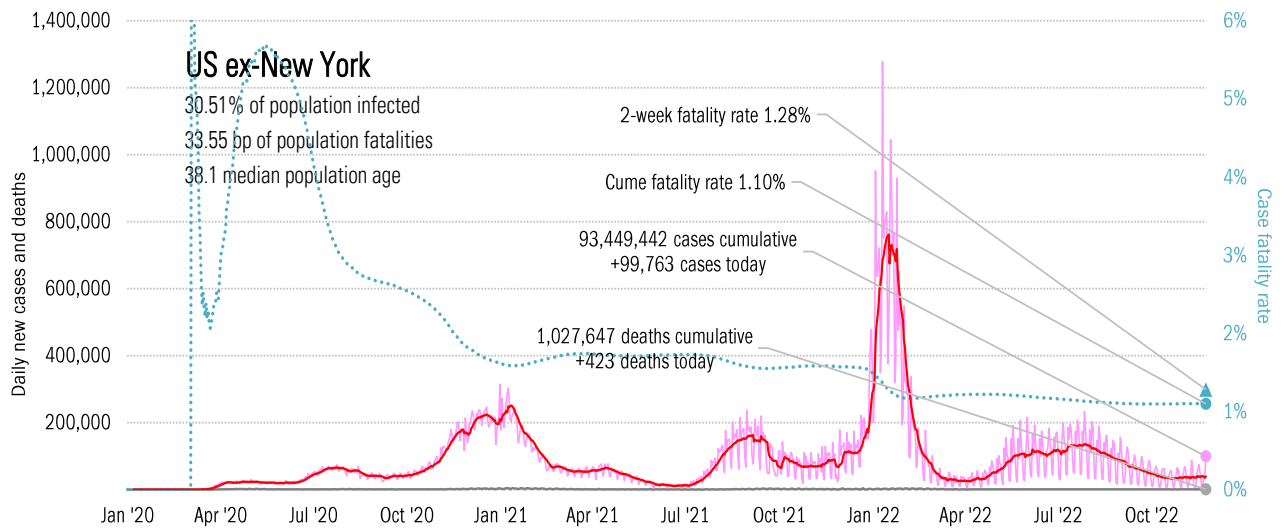
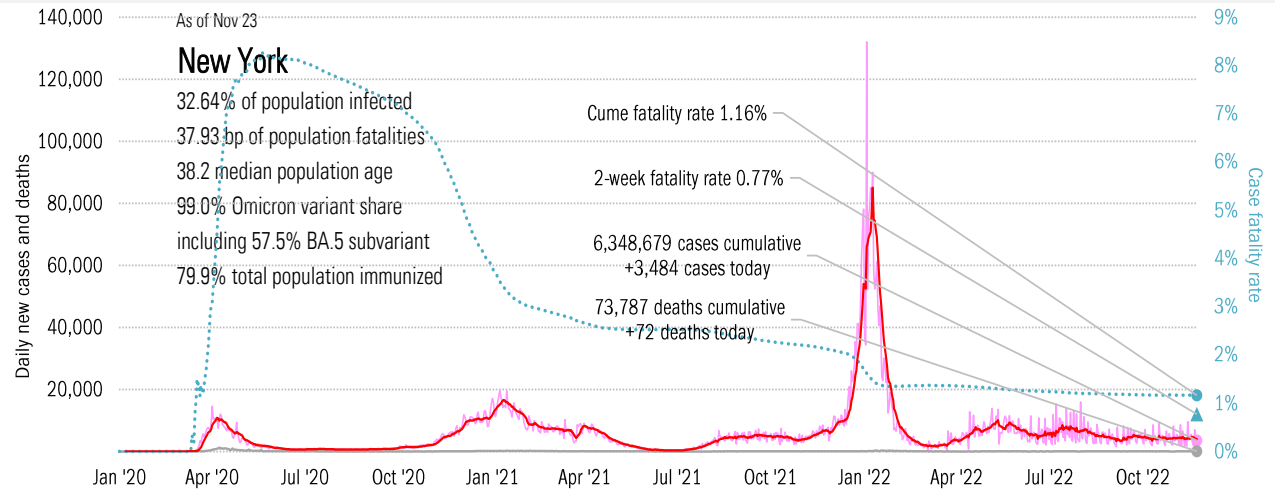
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

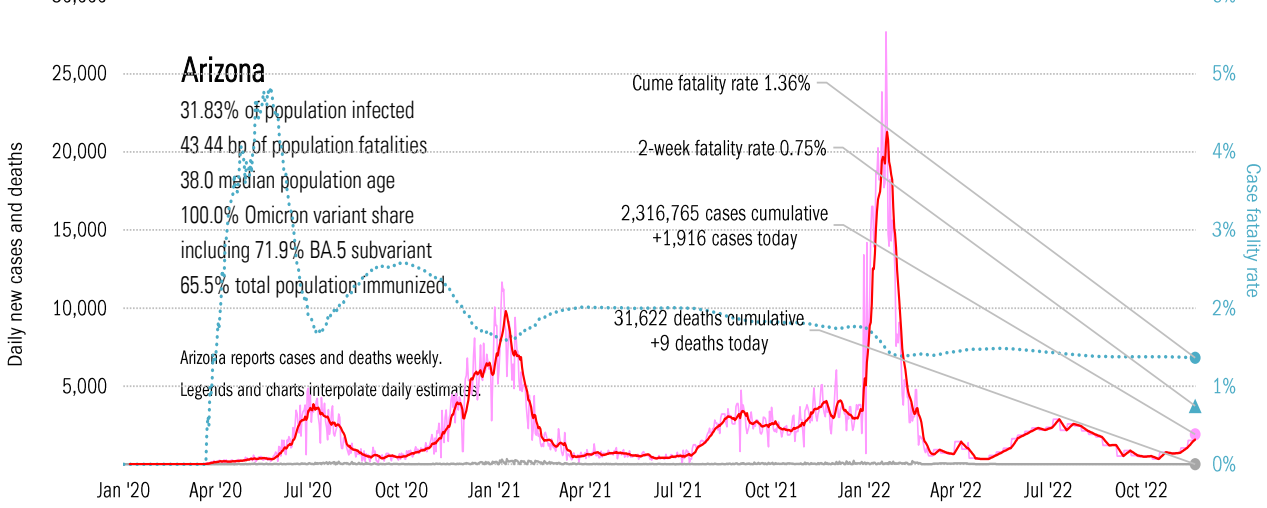
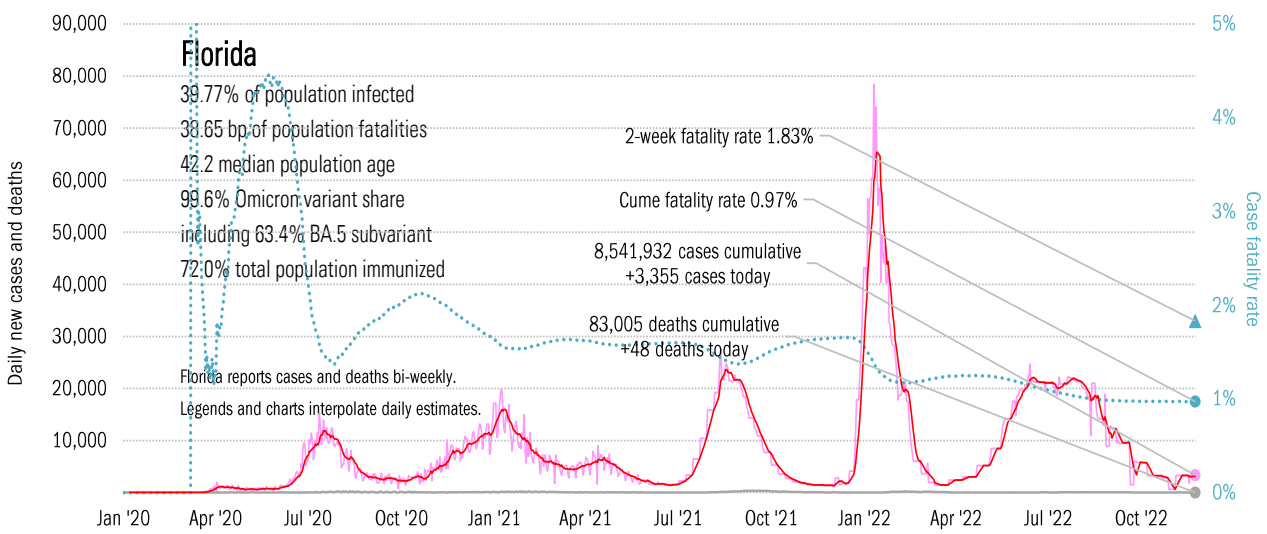
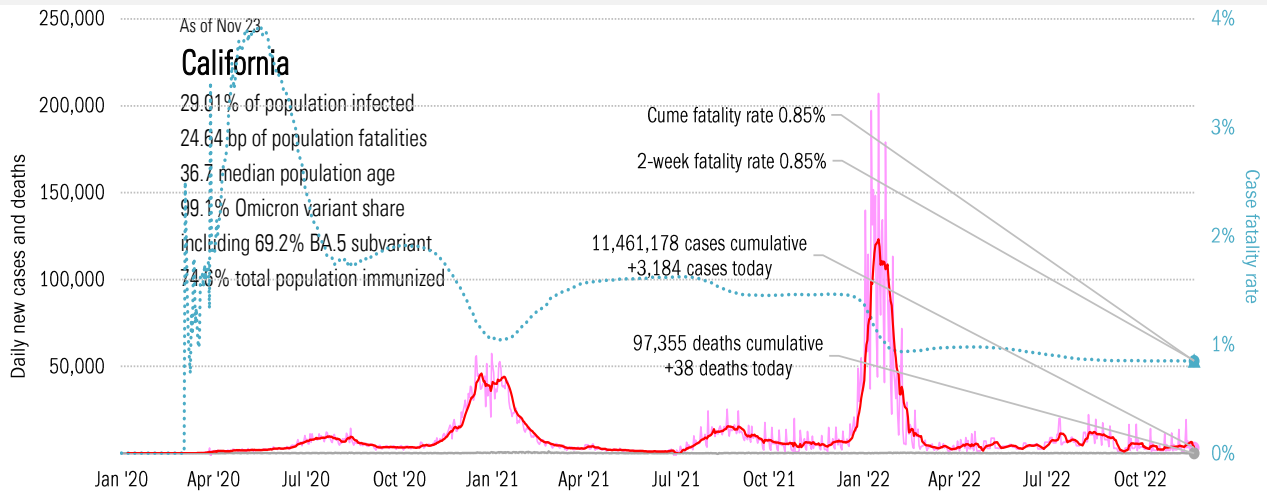
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

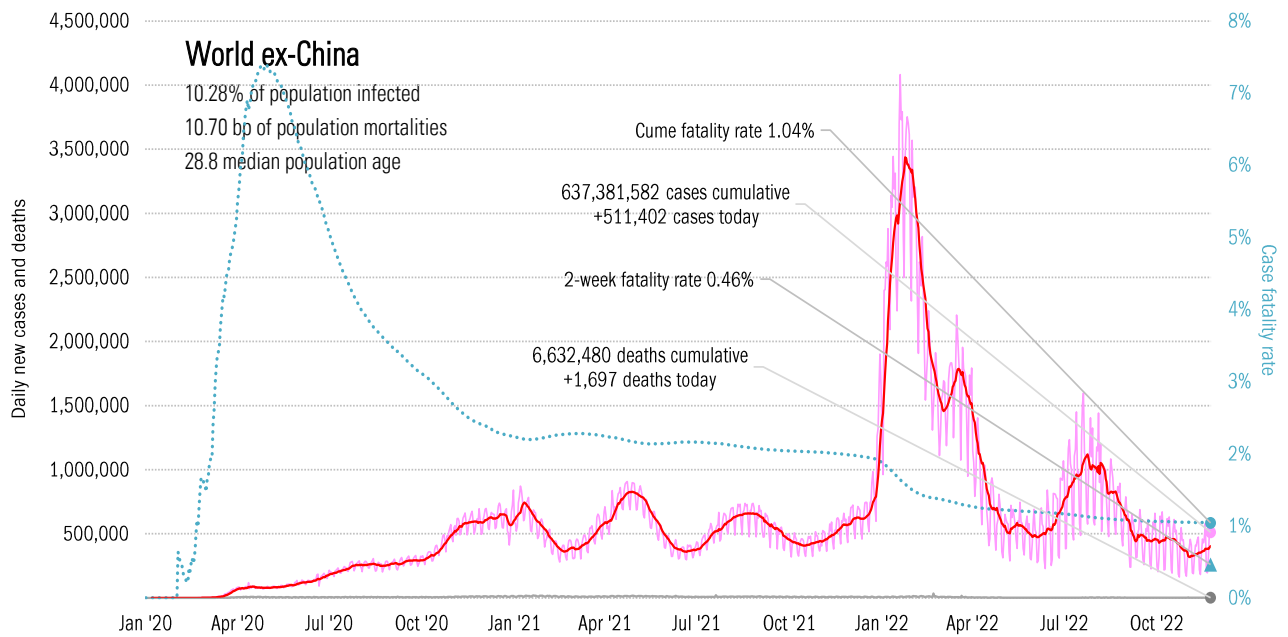
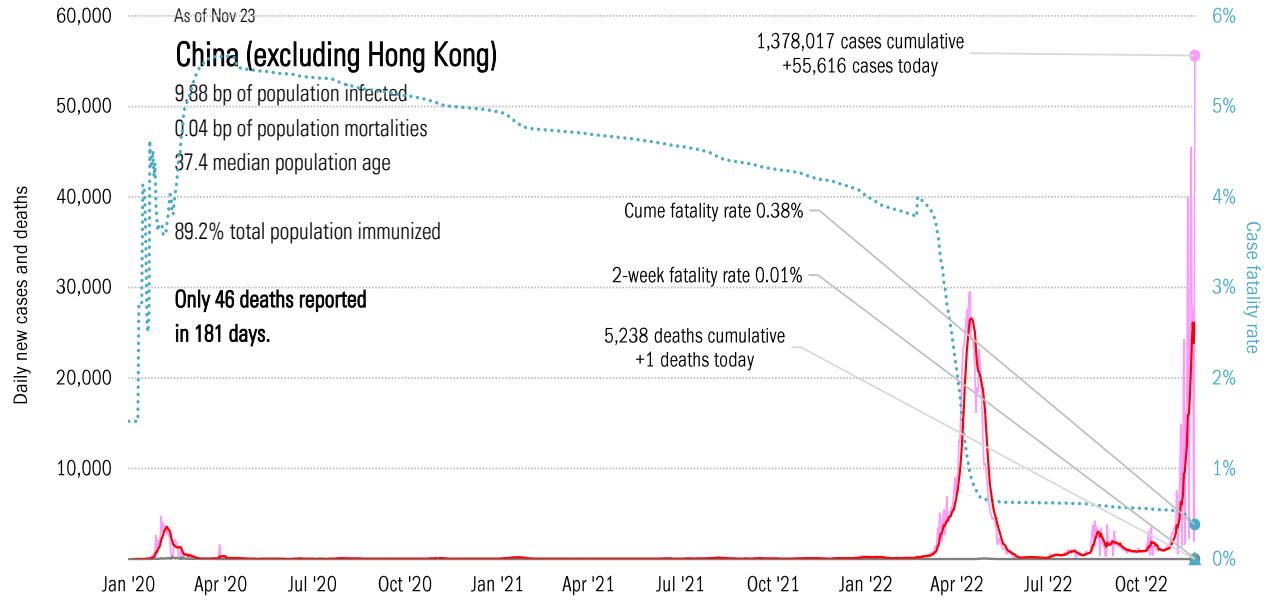
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

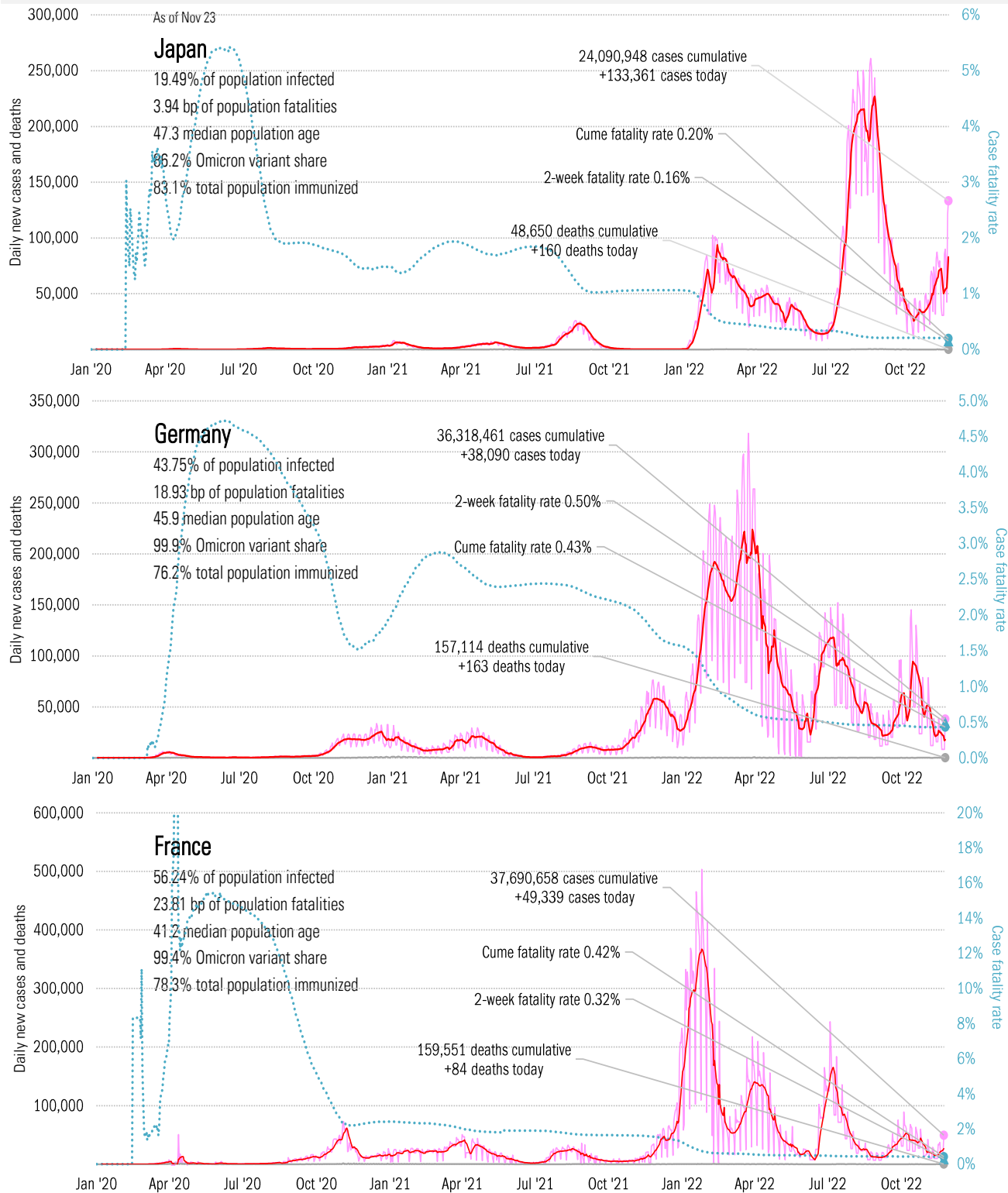
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

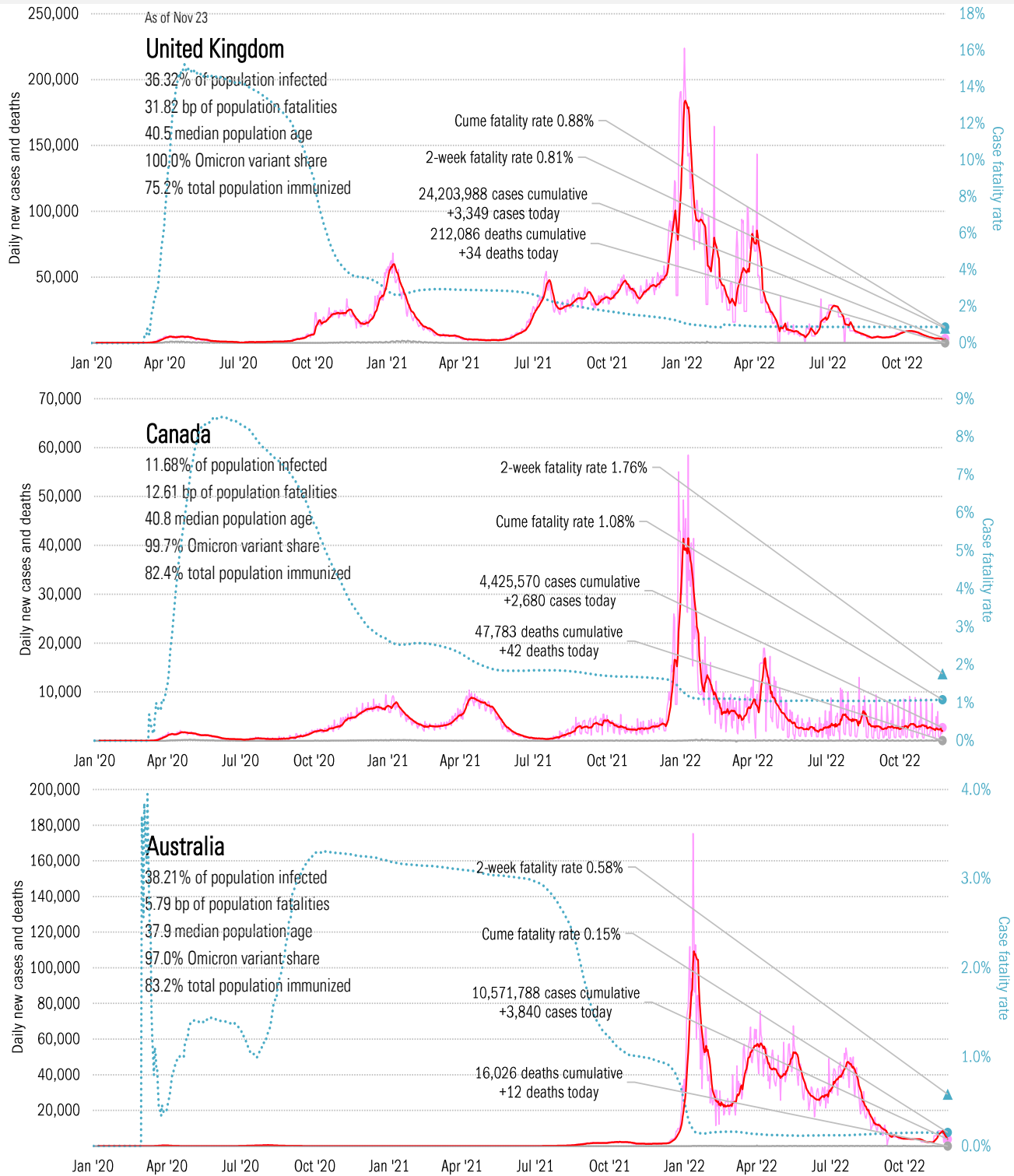
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

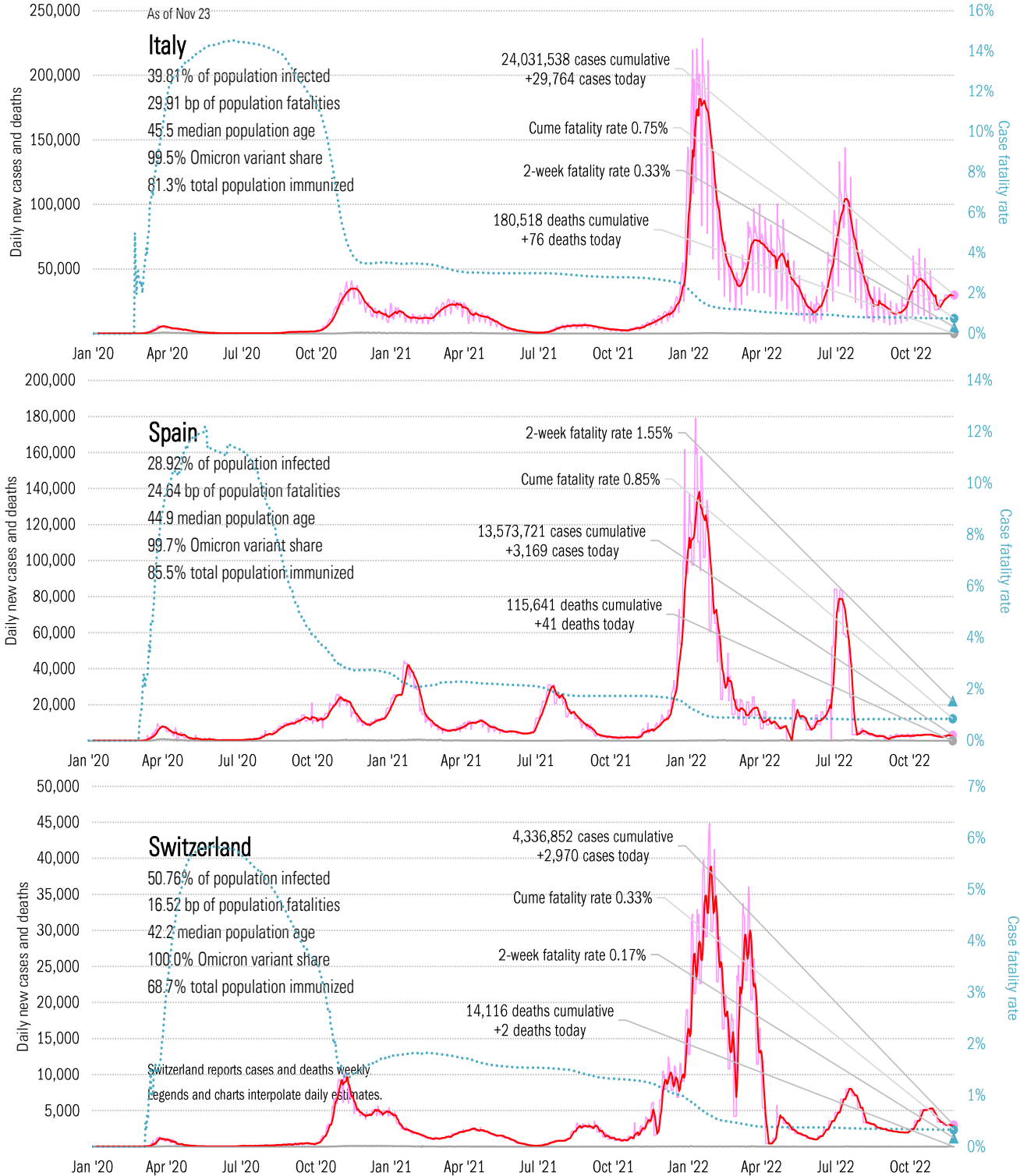
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

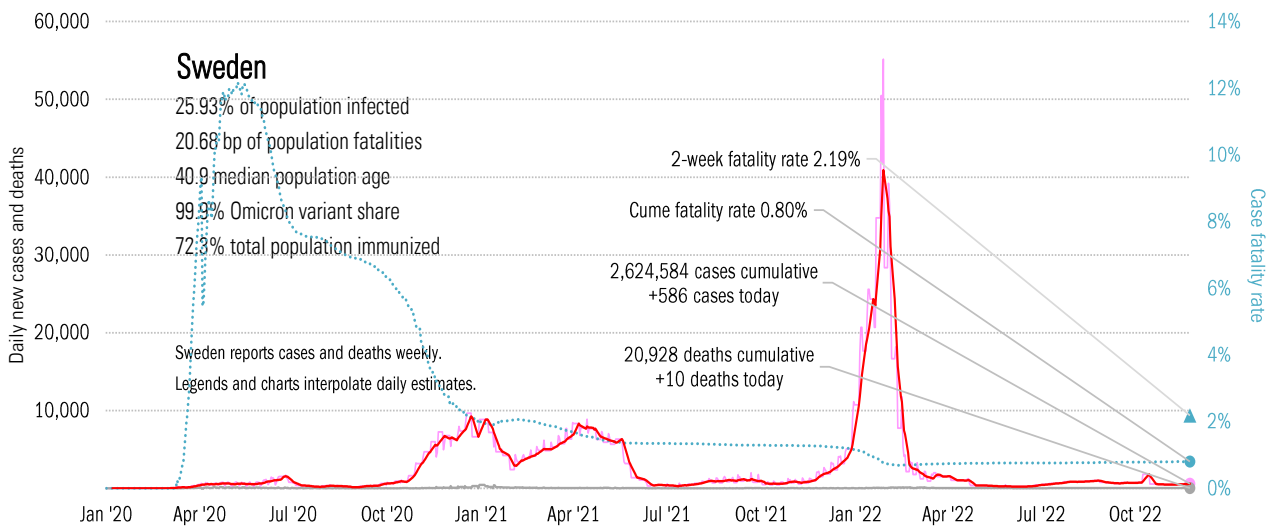
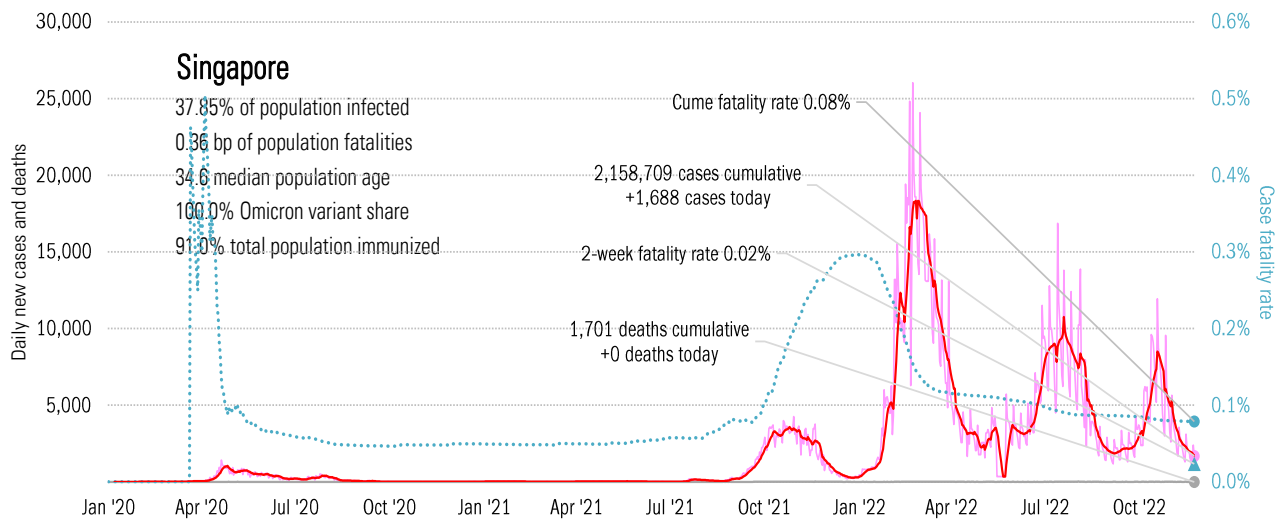
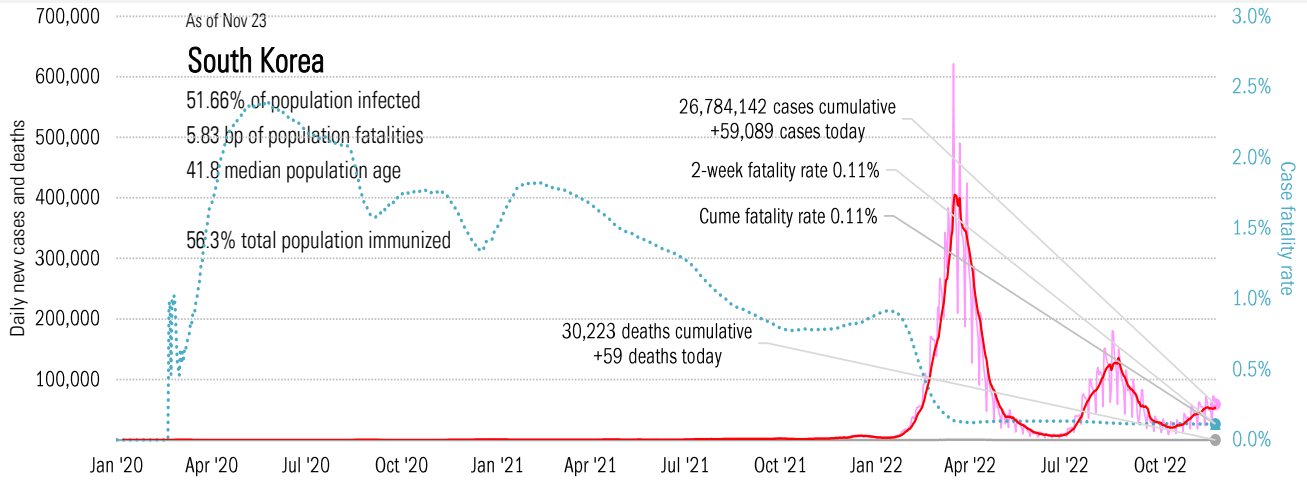
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

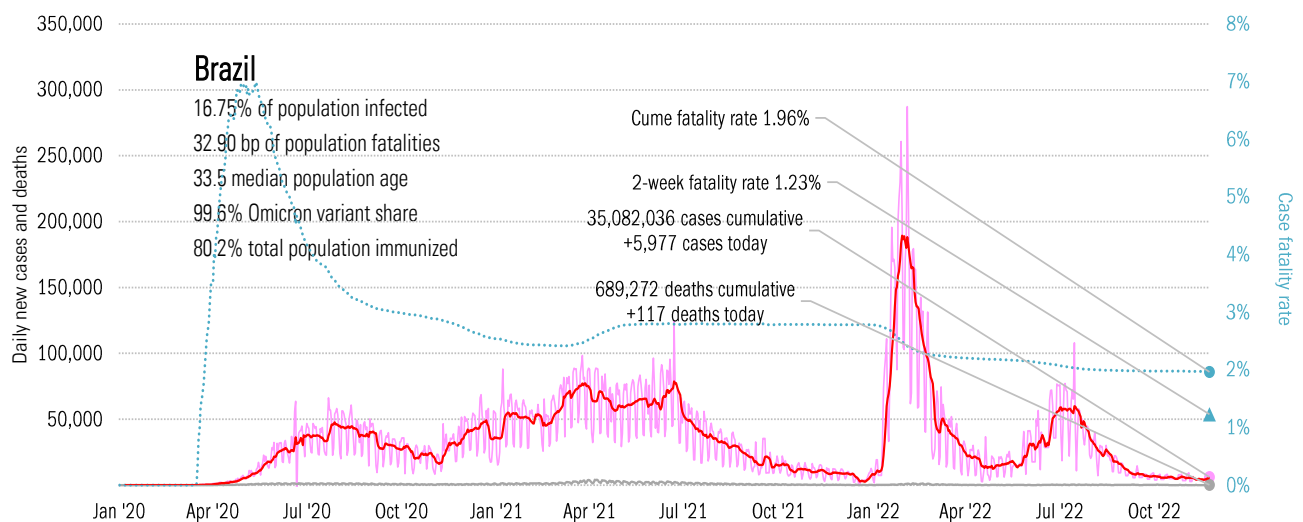
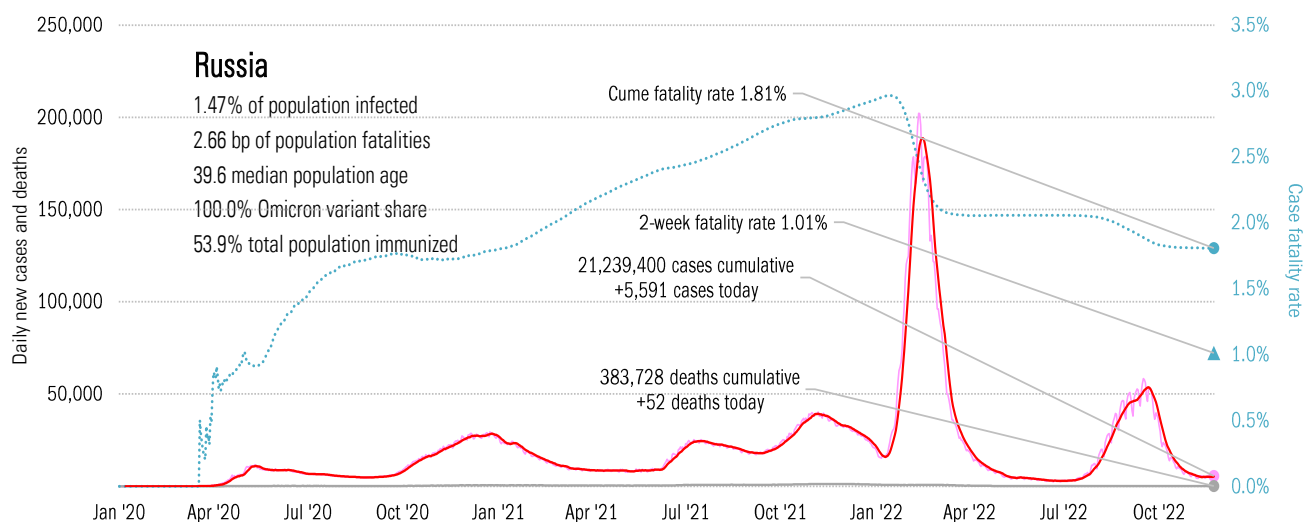
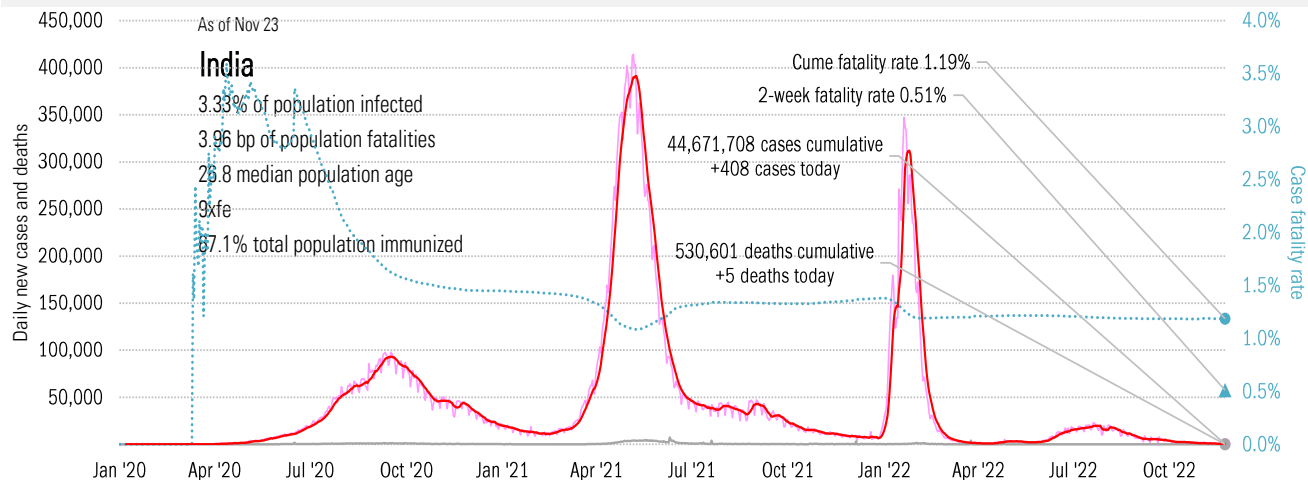
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

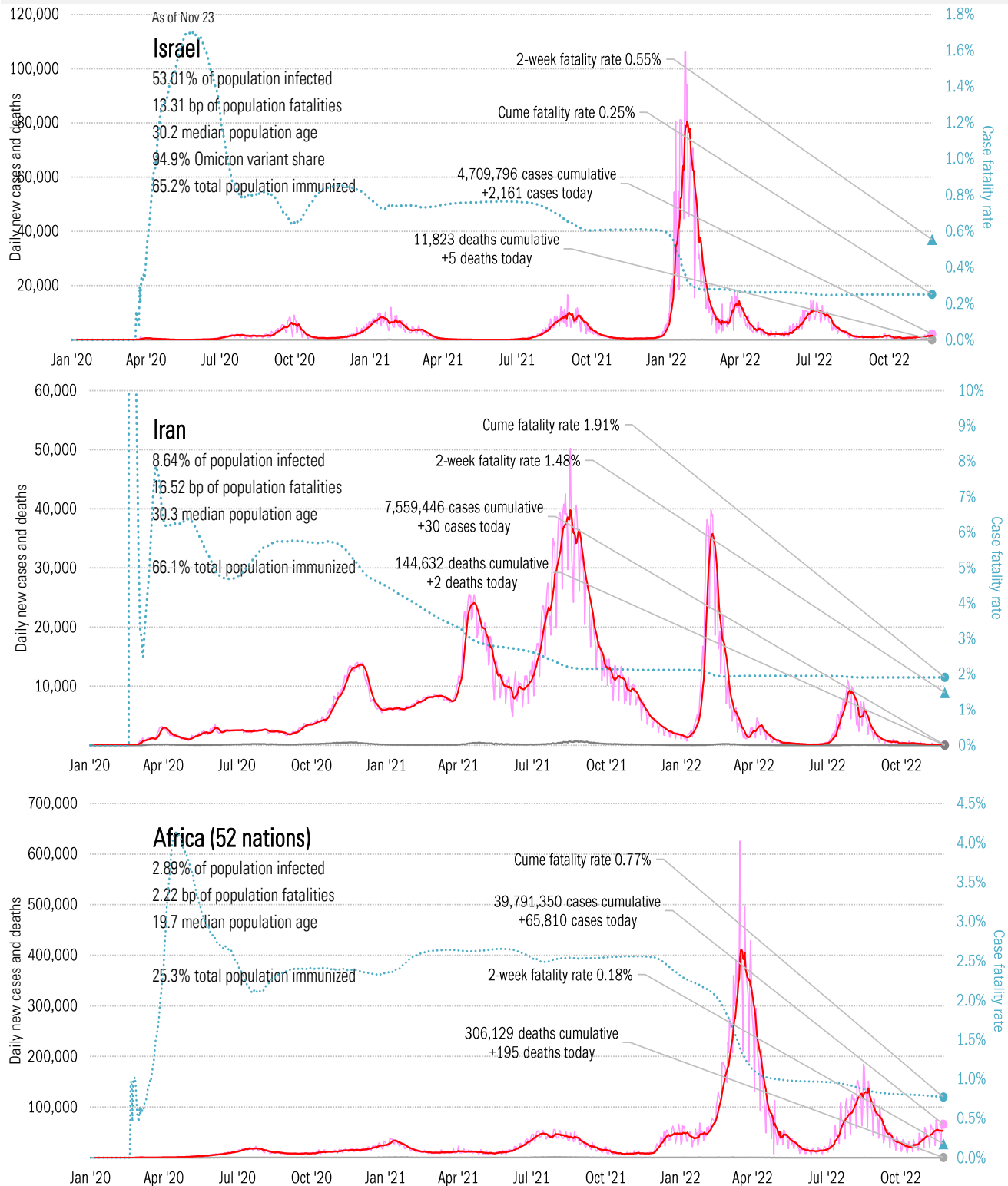
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

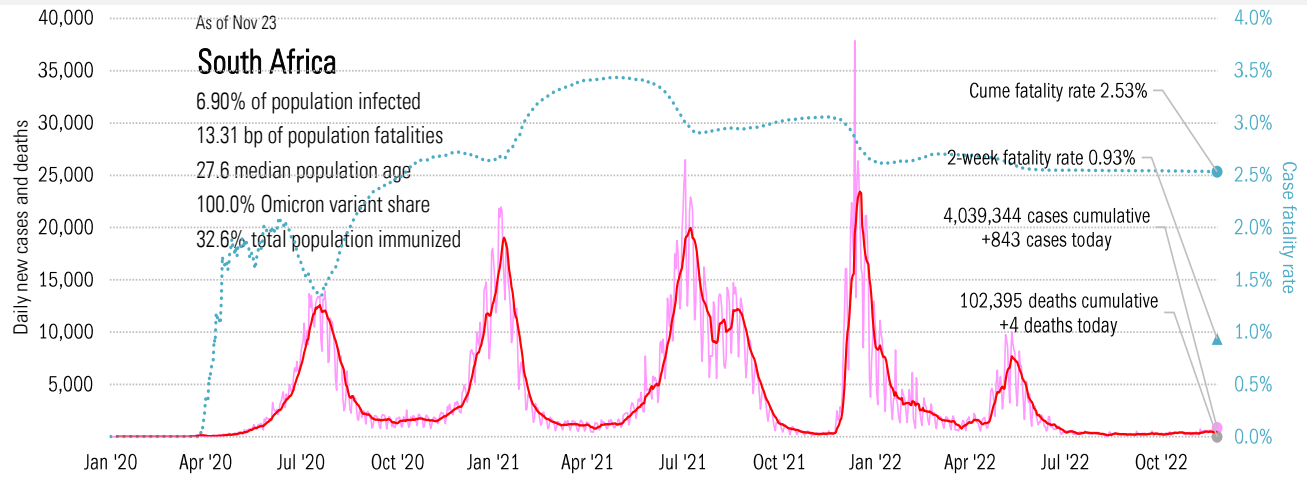
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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