

Data Insights: Covid-2019 Monitor

Monday, November 7, 2022

The global scorecard

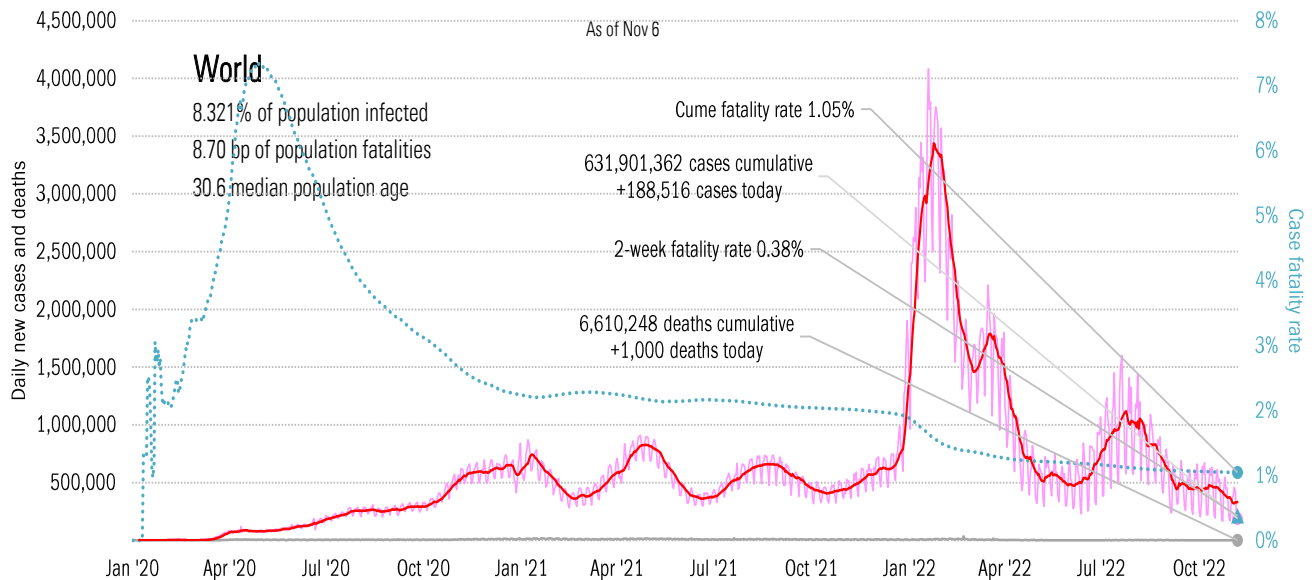
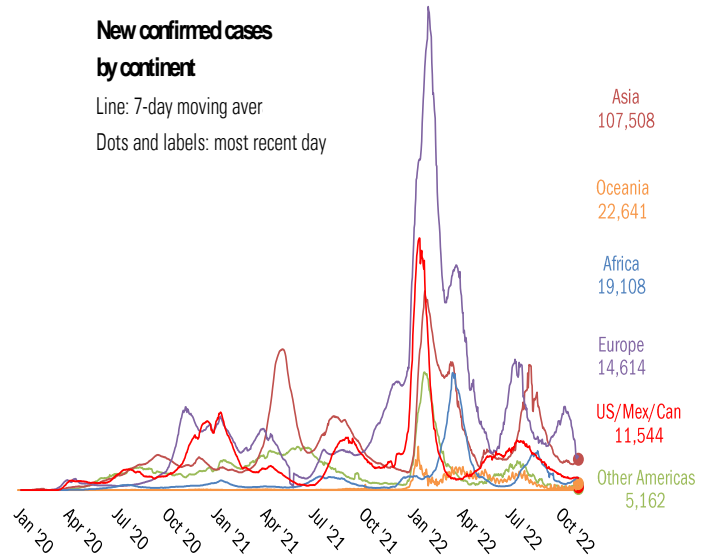
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	66,397	United States	323
United States	40,670	Portugal	62
Taiwan*	24,345	Russia	61
New Zealand	20,770	Taiwan*	47
Korea, South	18,671	Japan	46
Chile	7,704	Thailand	40
Portugal	4,728	Philippines	34
Russia	4,523	Chile	24
Malaysia	3,913	Indonesia	22
Indonesia	3,662	Korea, South	18
195,383		677	

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

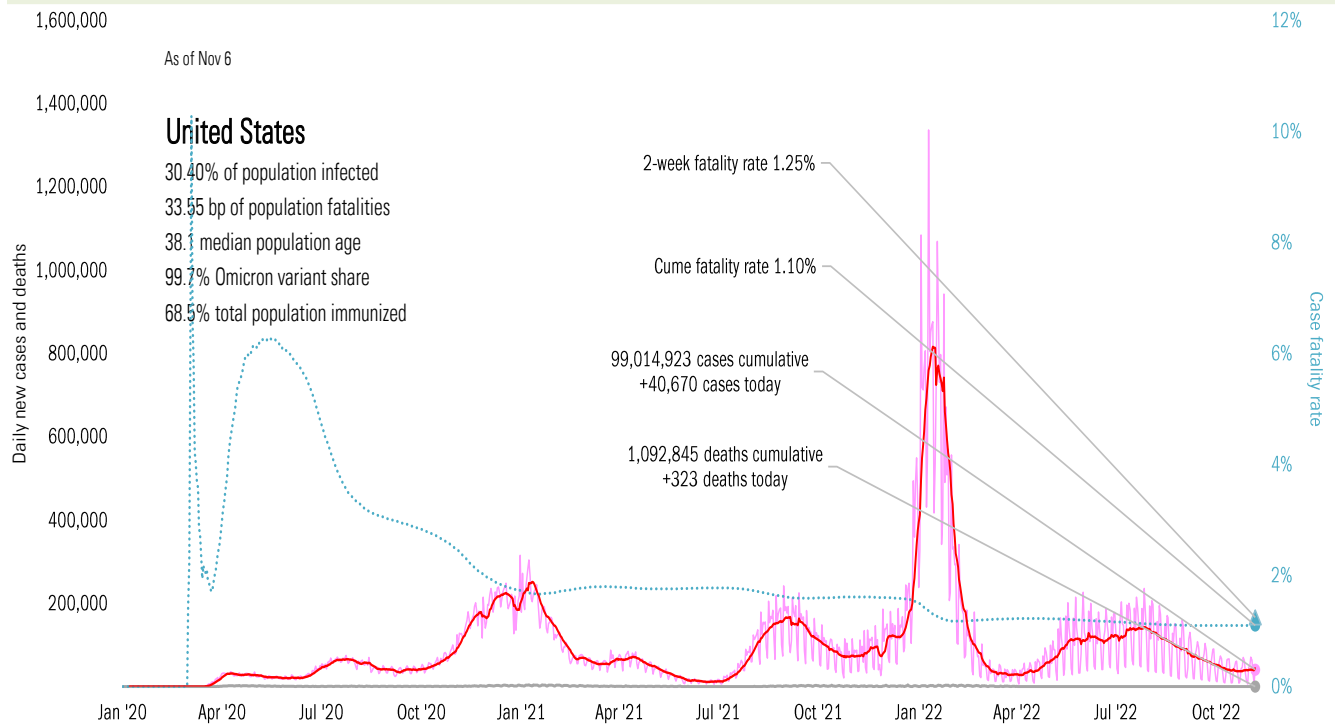
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
TX	3,818		FL	52		GA	142		CA	11,388,213		CA	97,005		TX	551,680		RI	91%	UT	125%
FL	3,308		NY	32		NY	328		FL	8,486,917		TX	91,224		CA	509,640		MA	89%	AK	89%
CA	2,534		MI	22		CA	318		TX	8,047,691		FL	82,536		FL	499,946		MN	87%	VT	85%
IL	2,465		WA	20		OH	213		NY	6,274,928		NY	73,287		NY	312,661		GA	84%	NC	84%
NY	2,308		PA	19		IL	195		IL	3,823,905		PA	47,840		GA	228,495		WA	84%	NE	84%
PA	1,781		ME	18		CO	80		PA	3,317,854		GA	40,696		CH	224,206		DE	84%	MA	84%
NJ	1,765		TX	18		PA	198		NC	3,246,175		CH	40,249		PA	210,340		MO	84%	TX	83%
CH	1,752		CT	15		NC	94		CH	3,197,300		IL	40,058		IL	192,211		CA	83%	RI	83%
MI	1,664		CO	10		MA	102		GA	2,924,732		MI	39,406		MI	167,632		WV	83%	NH	82%
VA	1,294		GA	10		AZ	86		MI	2,897,827		NJ	34,938		KY	146,862		MD	82%	AL	82%
22,689			217			1,756			53,605,542			587,239			3,043,673						
All states 40,670			323			3,511			All states 99,014,923			1,092,845			5,526,407			All states 70%		67%	
Top ten 56%			67%			50%			Top ten 54%			55%			55%			Median 77%		74%	

Some states not reporting

Five most improved US states

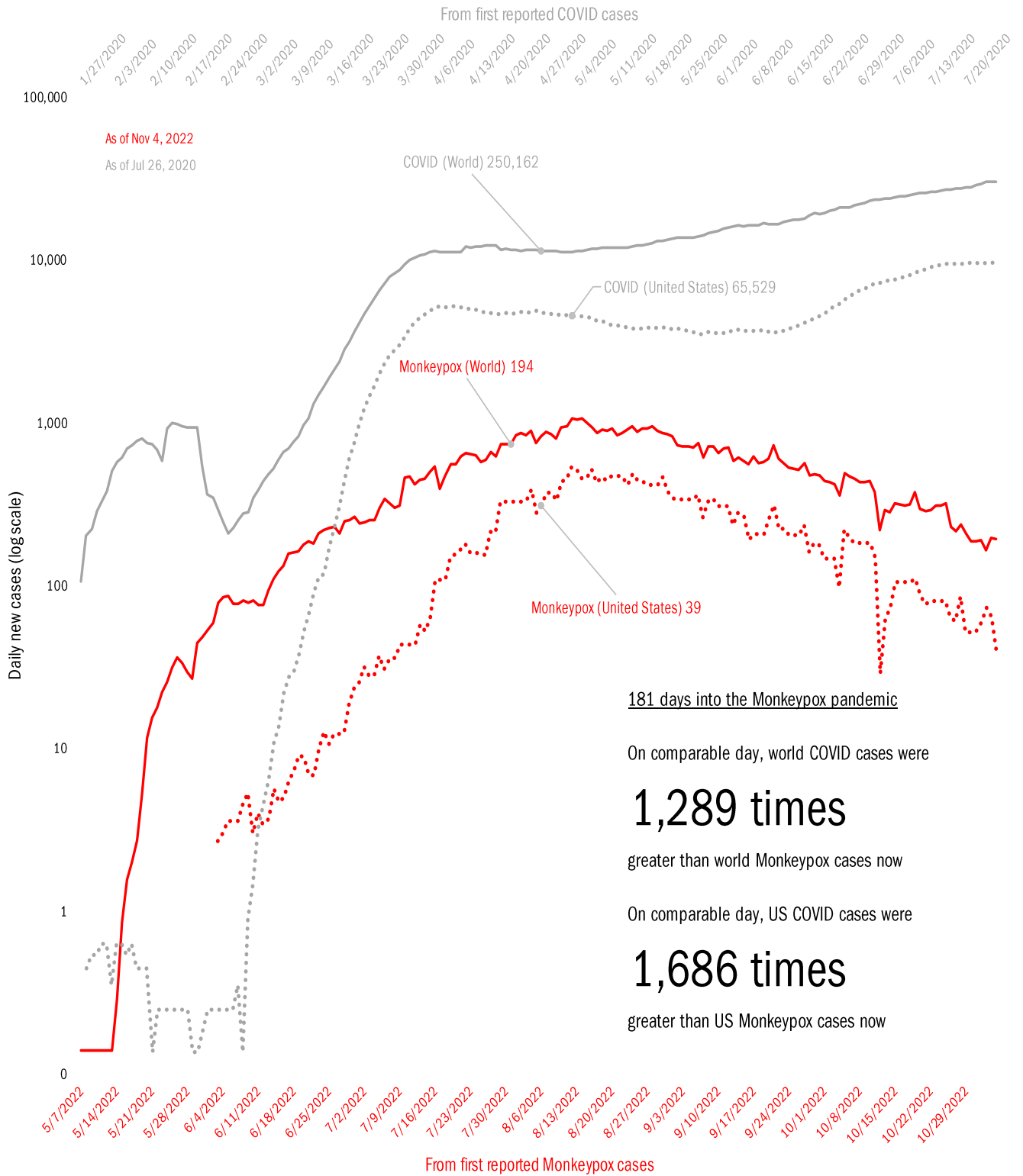
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CT	-290	IL	-18	IN	-27
NY	-288	AR	-11	FL	-20
AK	0	NM	-8	NJ	-13
AL	0	NH	-5	HI	-11
AZ	0	AK	0	SD	-11



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

The Monkeypox contextualizer

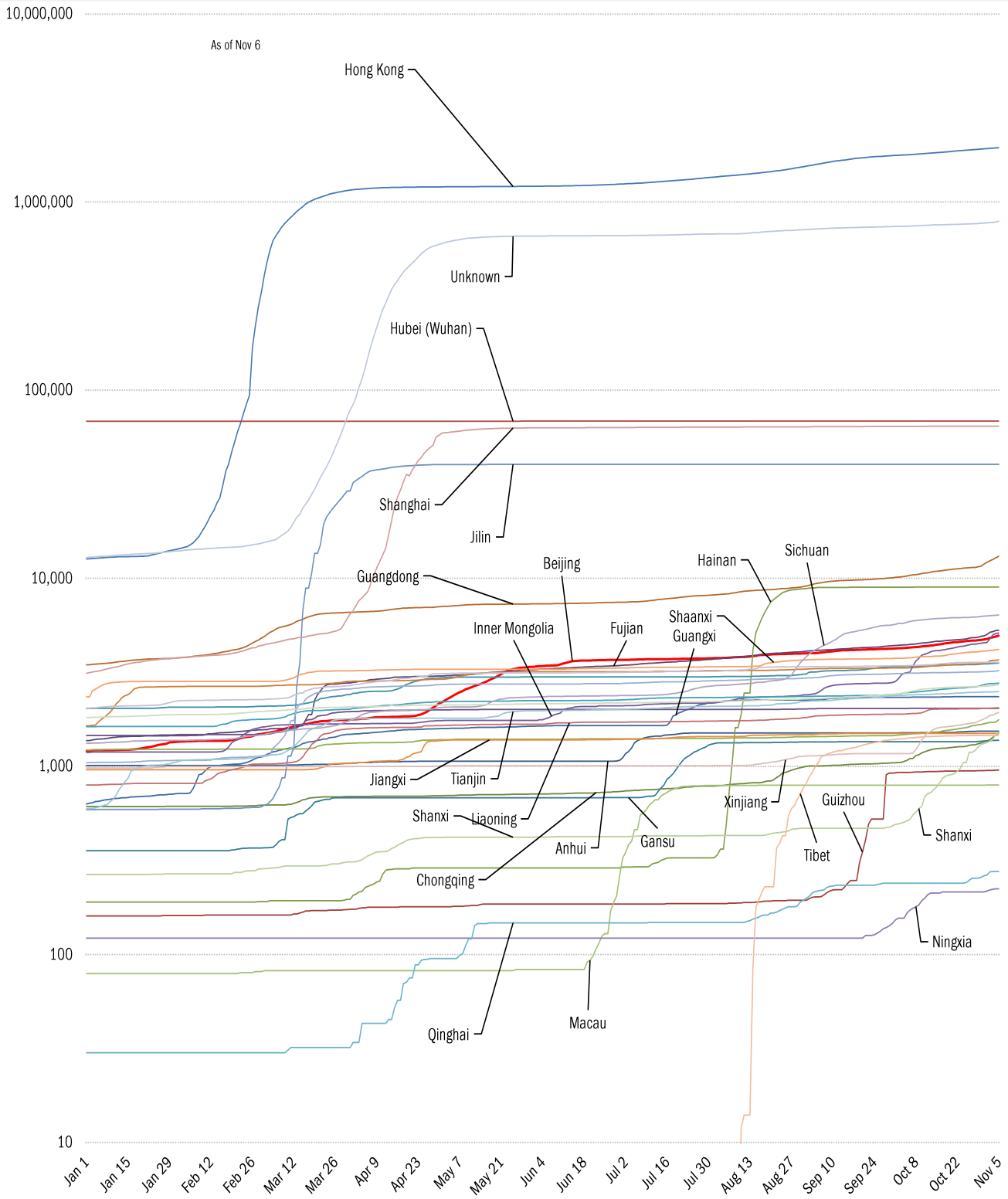
The course of case growth versus COVID



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"

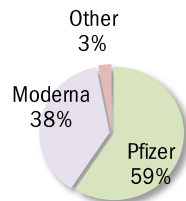


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered Doses	Cumulative		Today		Immunity	Full	Partial	
	656,977,463		+0.593 million		US	68.5%	80.2%	
			+0.496 million		UK	75.2%	79.7%	
			Of which boosters:		France	78.3%	80.5%	
	One dose	% Pop	Immune	% pop	New immune today	Spain	85.5%	86.9%
Total population	274,705,371	82%	234,124,184	70%	+0.065 million	Germany	76.2%	77.7%
Age 12 to 17	18,319,705	72%	15,667,501	62%	+0.004 million	Italy	81.3%	86.1%
Age 18 to 64	182,917,151	90%	155,498,376	76%	+0.036 million	Australia	83.2%	85.7%
Age 65 and over	60,550,804	100%	53,022,806	97%	+0.016 million	Israel	65.2%	71.1%
						Canada	82.3%	88.2%
						Japan	83.0%	84.1%
						Africa	24.7%	30.7%
						India	67.1%	72.5%
						Brazil	80.0%	87.0%
						China	89.2%	91.4%



AK	72.2%
	64.6%

State
At least partial immunity as % population
Full immunity as % population

Best
Middle
Worst

WI	74.2%
	67.5%

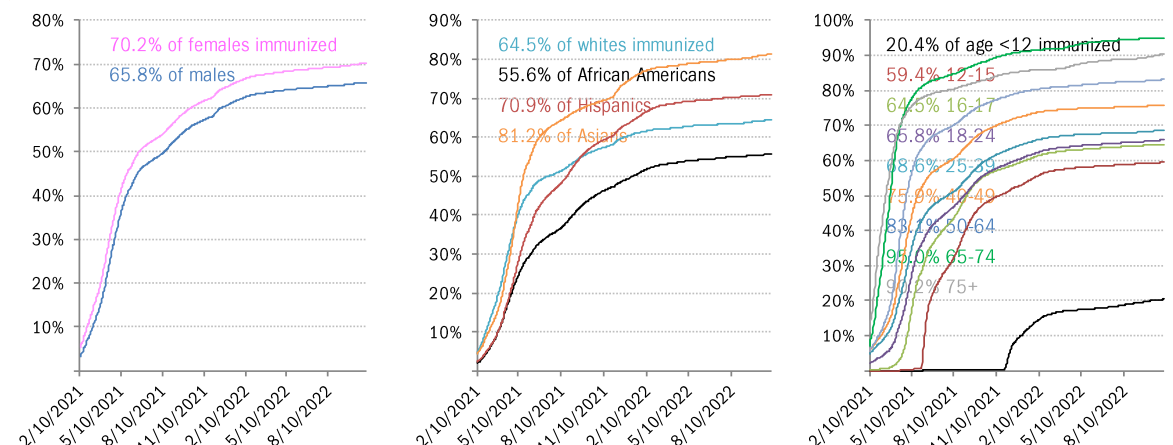
As of Nov 4

ME	95.0%
	82.3%

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
84.1%	63.2%	67.5%	68.4%	77.8%	78.4%	68.8%	93.2%	95.0%	86.2%	
75.1%	55.9%	58.6%	57.8%	71.3%	70.6%	61.8%	79.7%	84.3%	70.4%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
80.4%	77.9%	60.1%	82.0%	69.9%	63.7%	65.1%	88.8%	93.5%	95.0%	
71.5%	62.8%	52.6%	65.1%	63.7%	57.2%	59.9%	71.9%	78.2%	82.7%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
85.2%	74.5%	82.6%	72.5%	68.5%	68.2%	66.9%	89.2%	90.3%	95.0%	95.0%
74.3%	66.1%	72.7%	65.4%	58.2%	59.1%	59.2%	75.7%	78.6%	82.1%	86.5%
AZ	NM	KS	AR	TN	NC	SC	DC	DE		
76.1%	92.4%	75.2%	69.0%	63.9%	90.0%	70.2%	95.0%	86.5%		
65.3%	74.1%	64.4%	56.2%	55.9%	65.6%	59.2%	83.2%	71.9%		
OK	LA	MS	AL	GA						
73.7%	62.4%	61.2%	64.4%	67.5%						
59.7%	54.7%	53.3%	52.6%	56.6%						
TX										
75.1%										
62.5%										
HI										
90.4%										
80.7%										
FL										
81.6%										
68.8%										
PR										
95.0%										
86.3%										

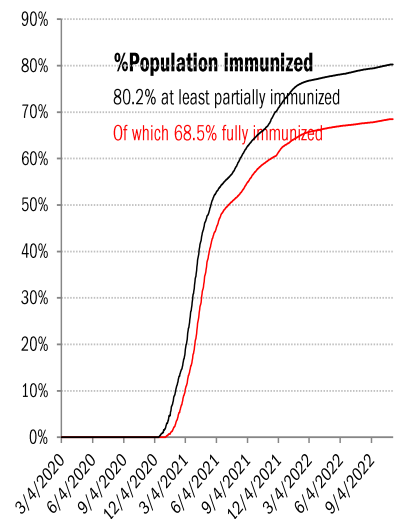
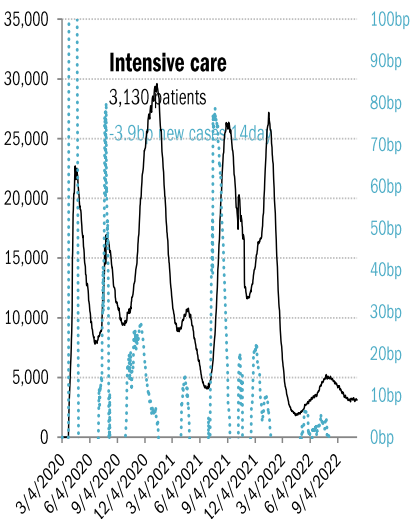
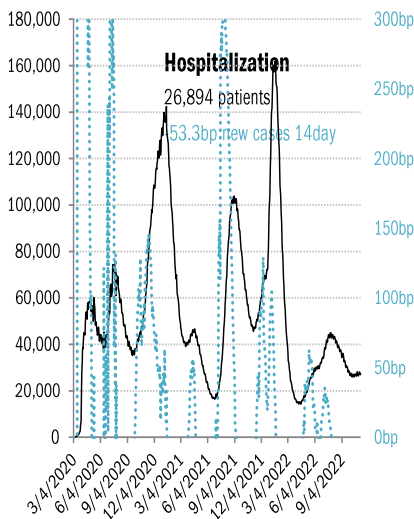
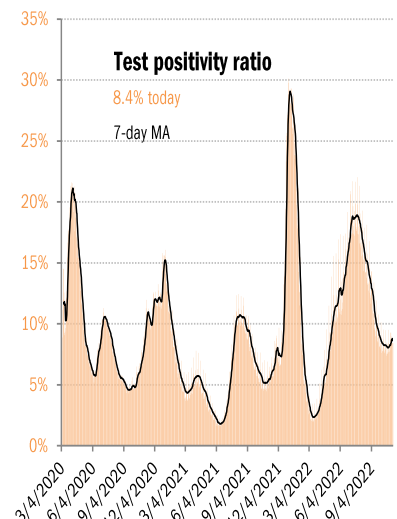
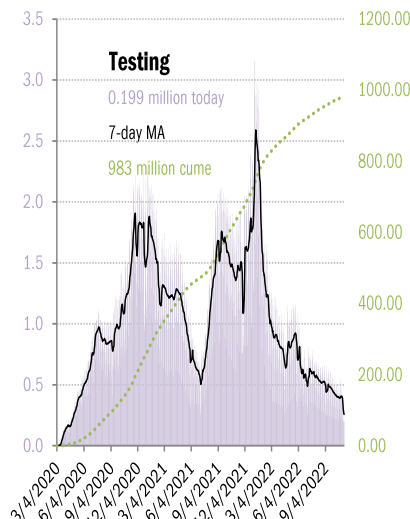
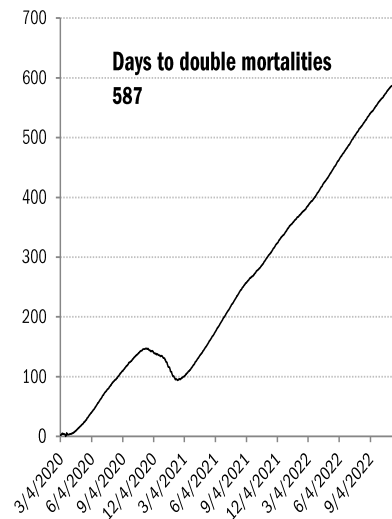
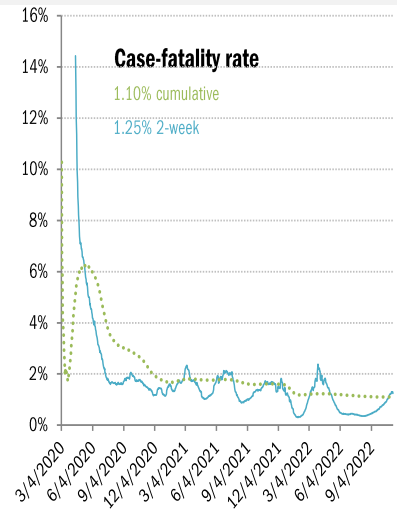
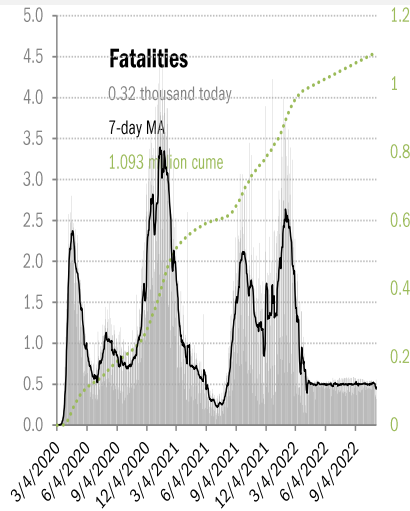
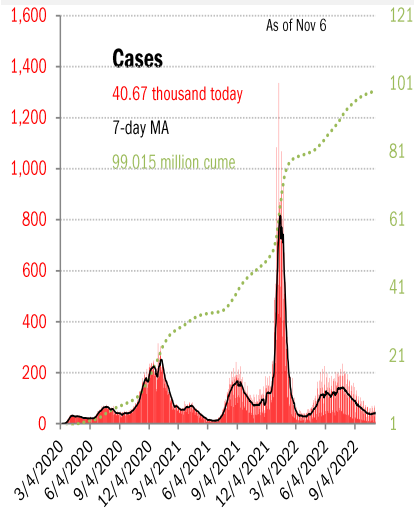
Global data differs due to sources, timing

The demographics of US vaccination

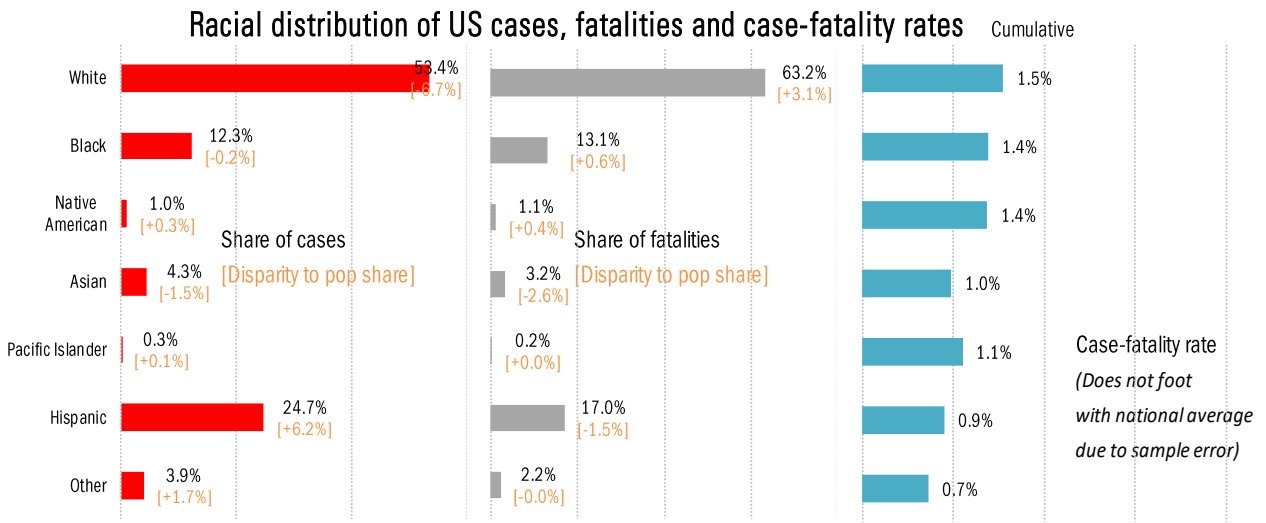
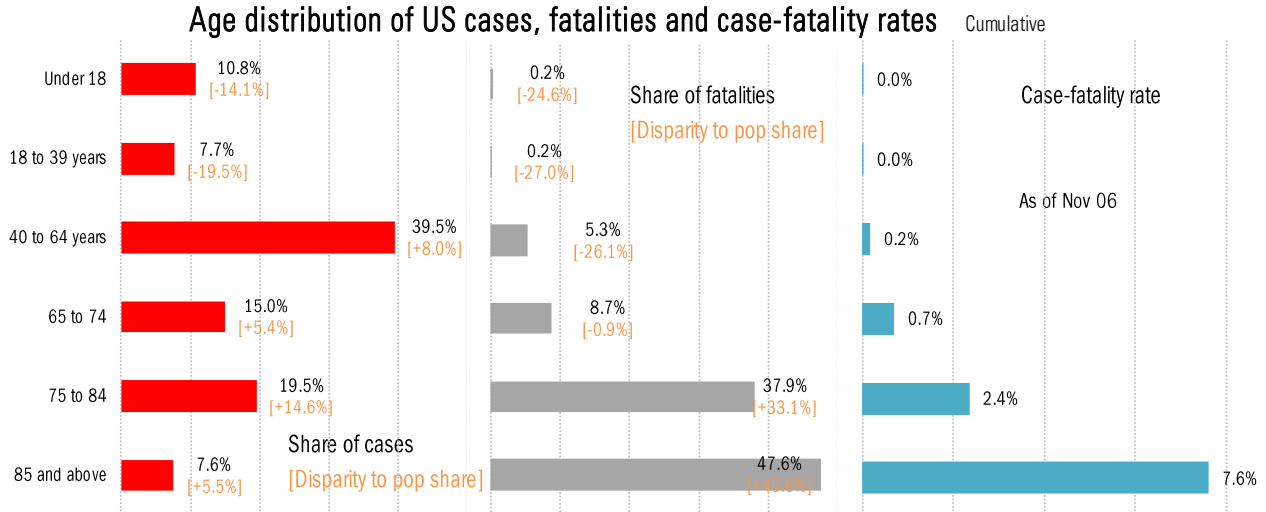


Source: CDC, CDC, Our World in Data, TrendMacro calculations

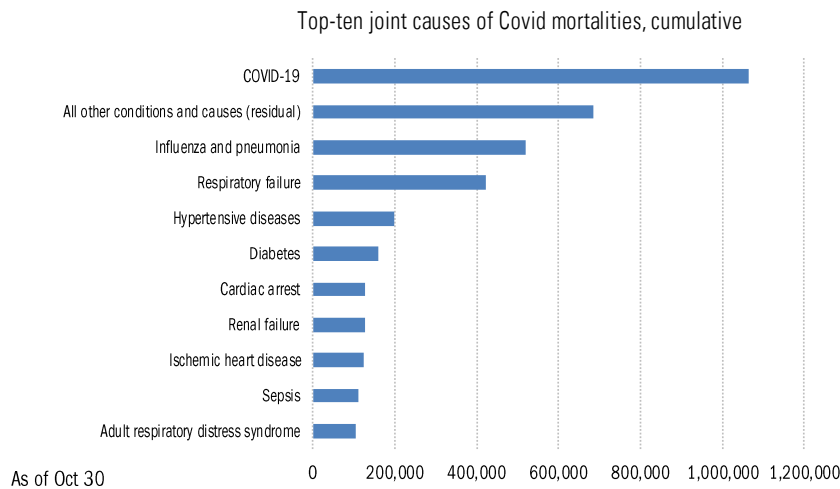
US deep-dive



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

[Apple: iPhone shipments delayed over China Covid lockdown](#)

BBC

November 7, 2022

[China posts 6-month high Covid count as it sticks with strategy](#)

Reuters

November 6, 2022

[What exit? China doubles down on zero-Covid pledge despite public frustration](#)

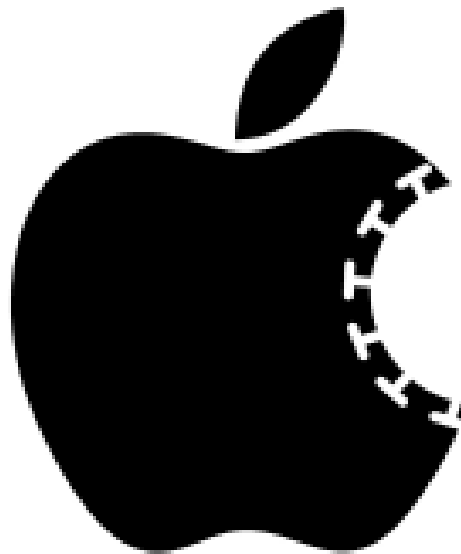
Nectar Gan

CNN

November 7, 2022

Meme of the day

Times
The World News
FEB 2020

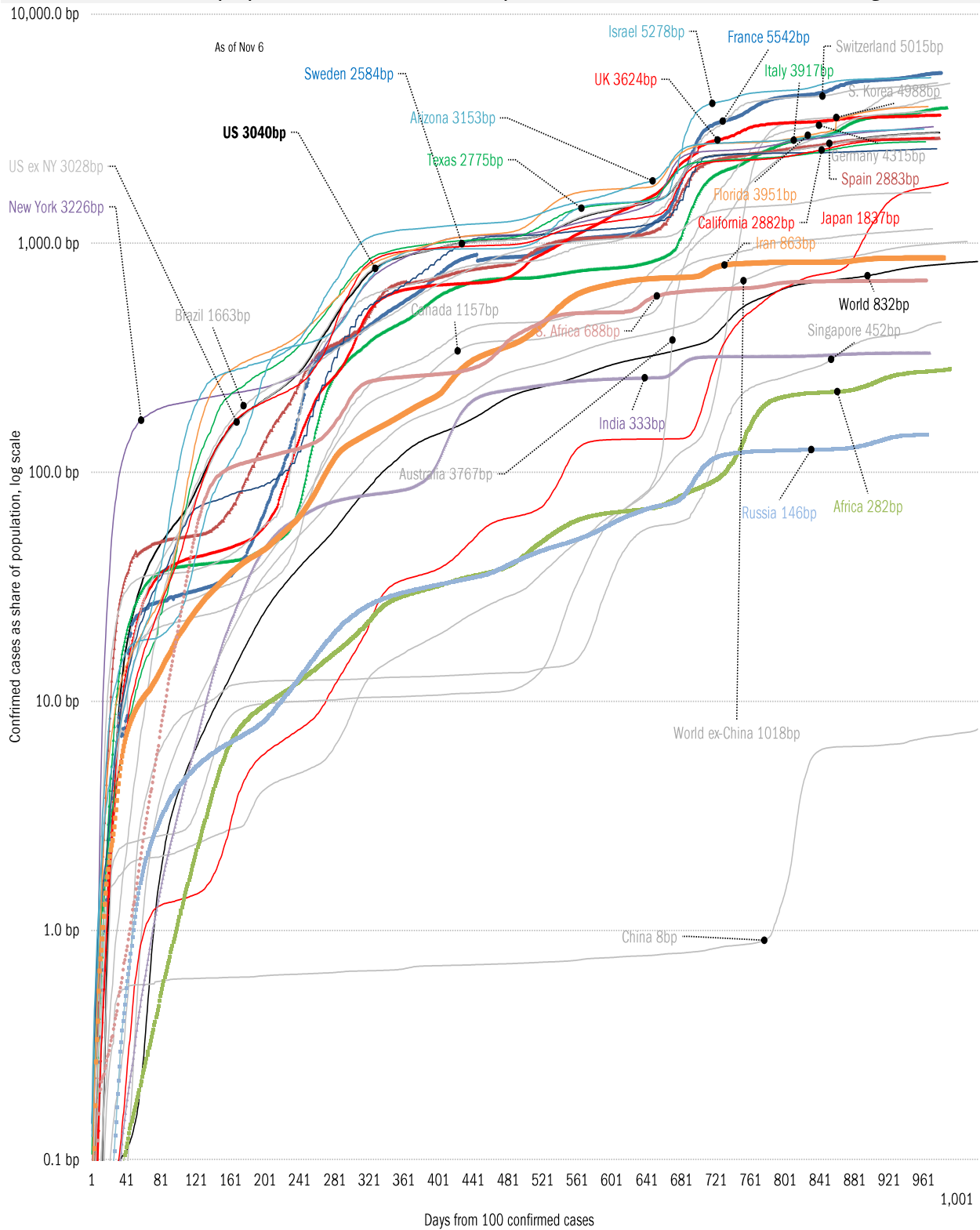


APPLE TO MISS REVENUE TARGETS DUE TO THE COVID-19

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

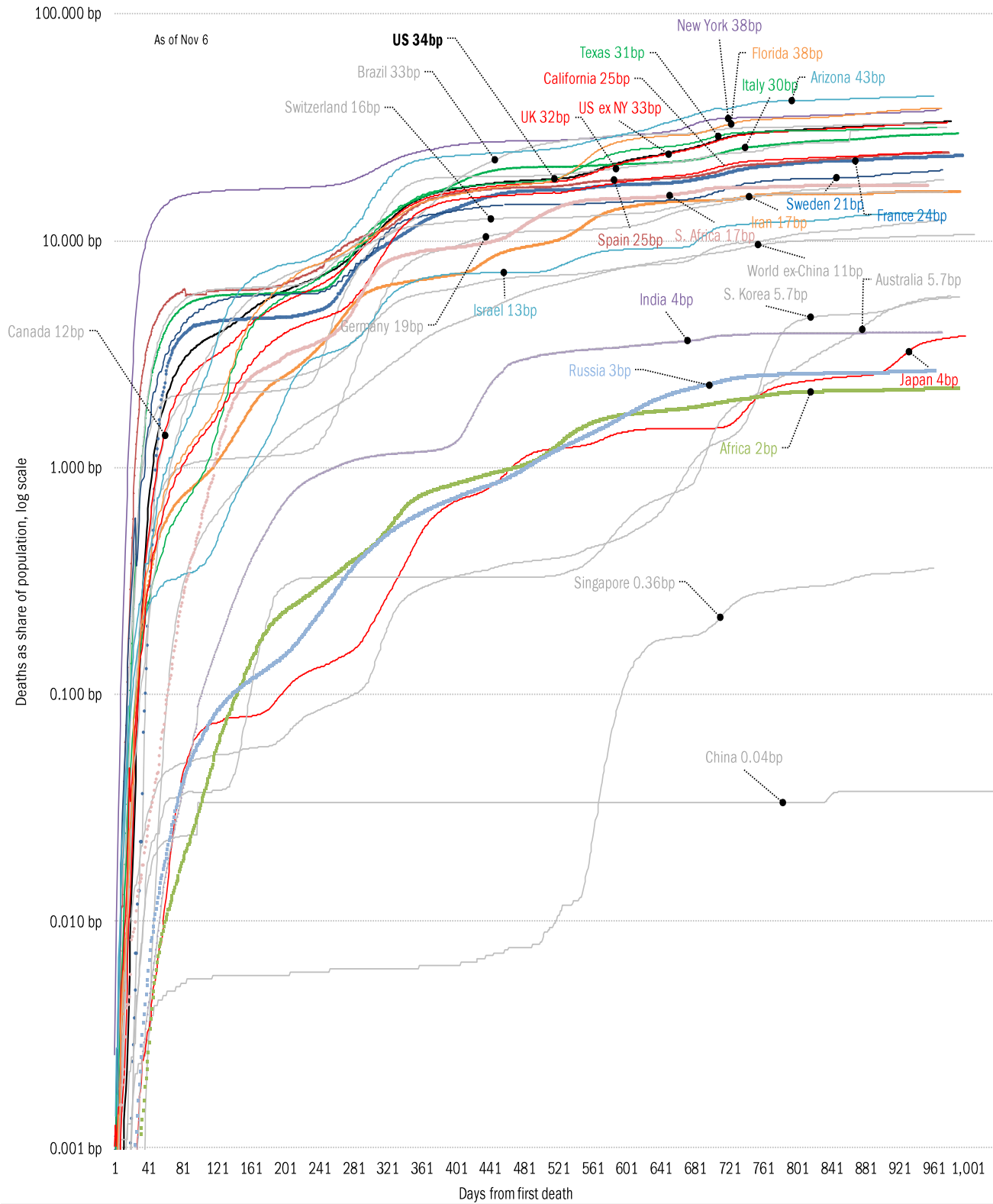
The global coronavirus case accelerometer... tracking the world's infection curves

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

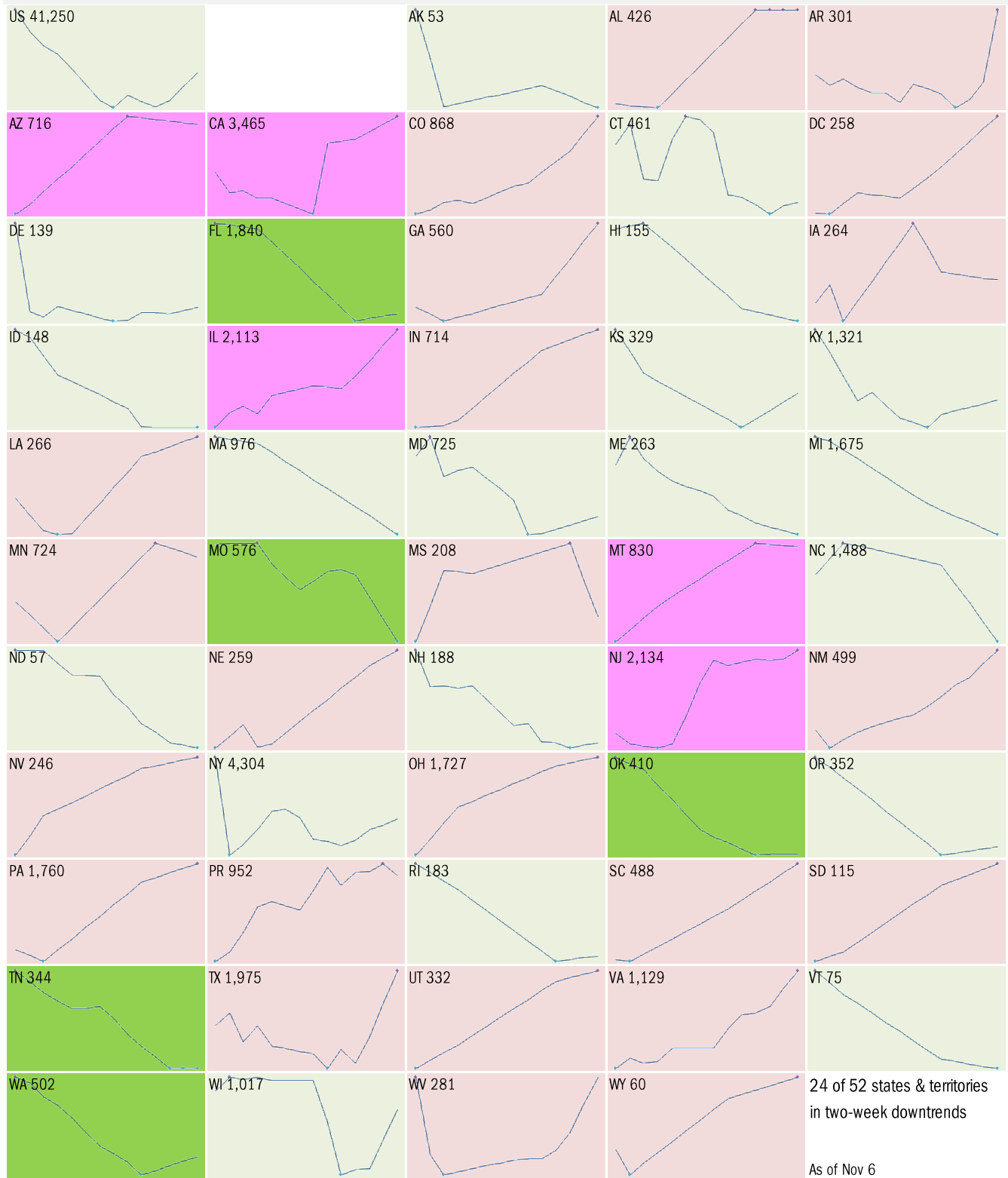


Source: [Johns Hopkins](#), TrendMacro calculations

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

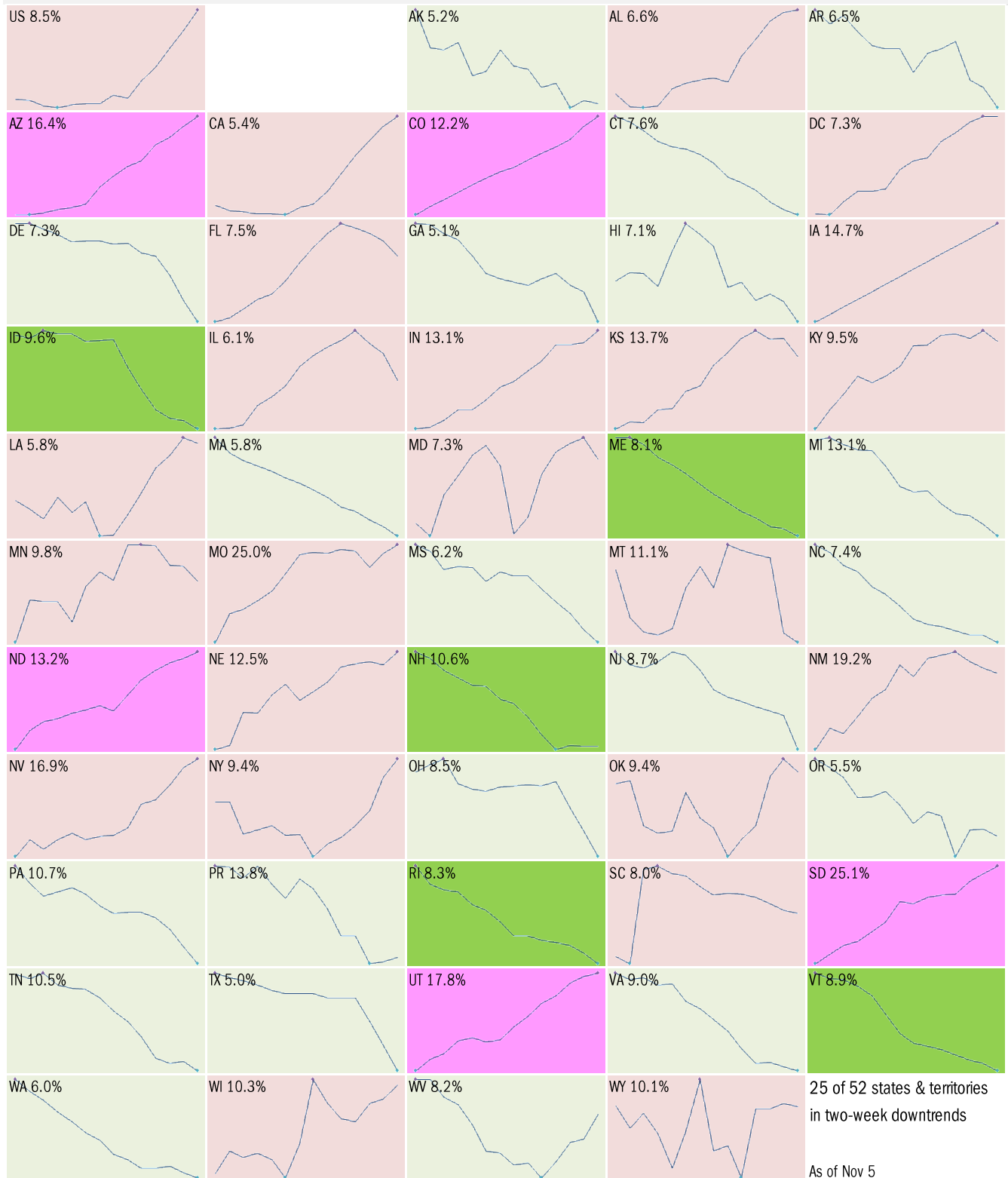


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

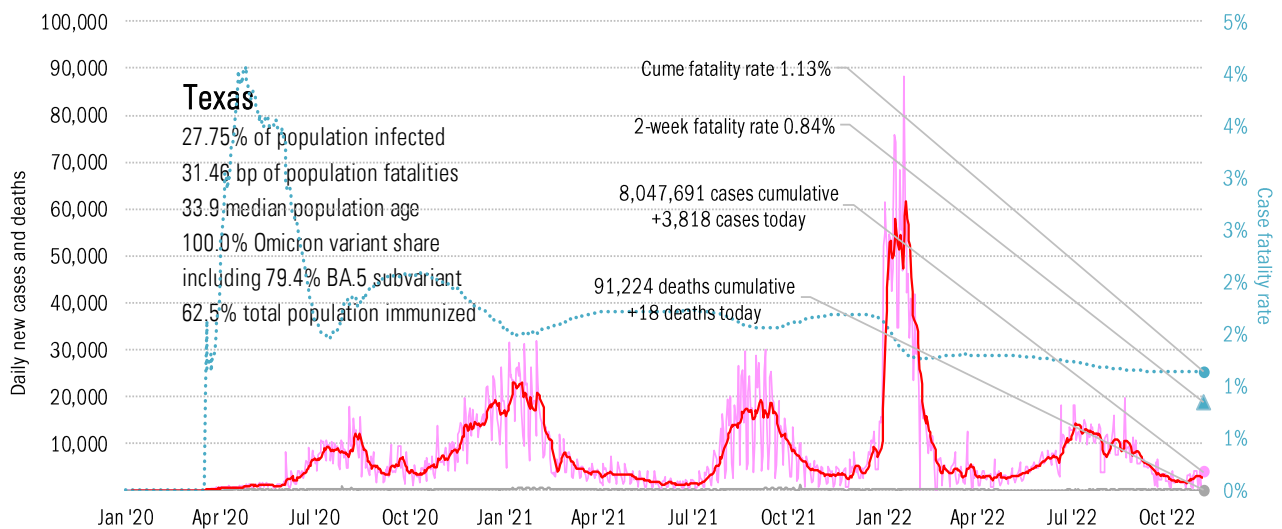
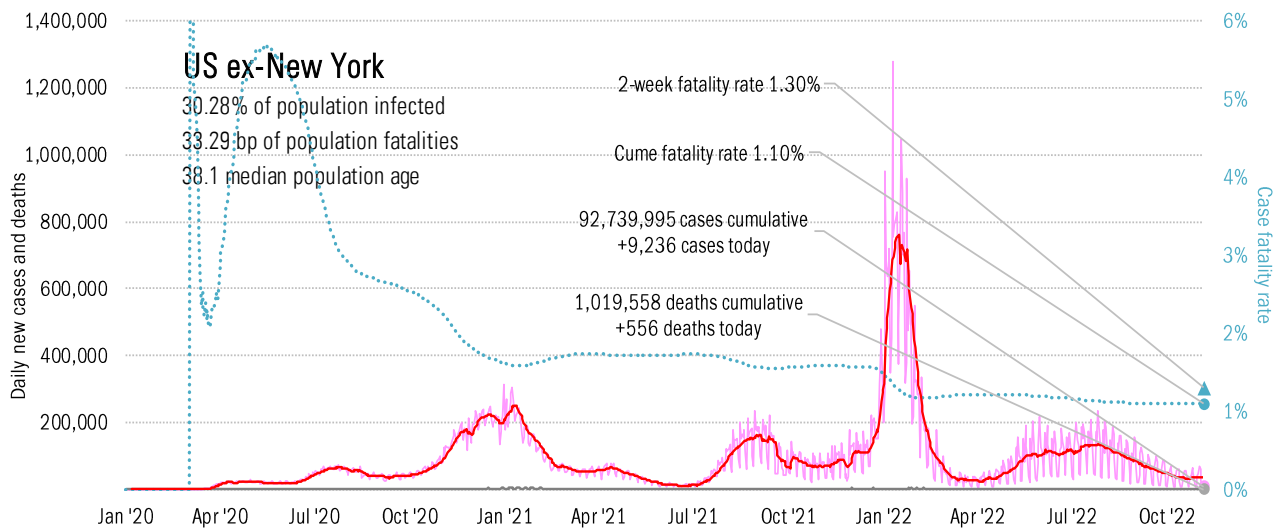
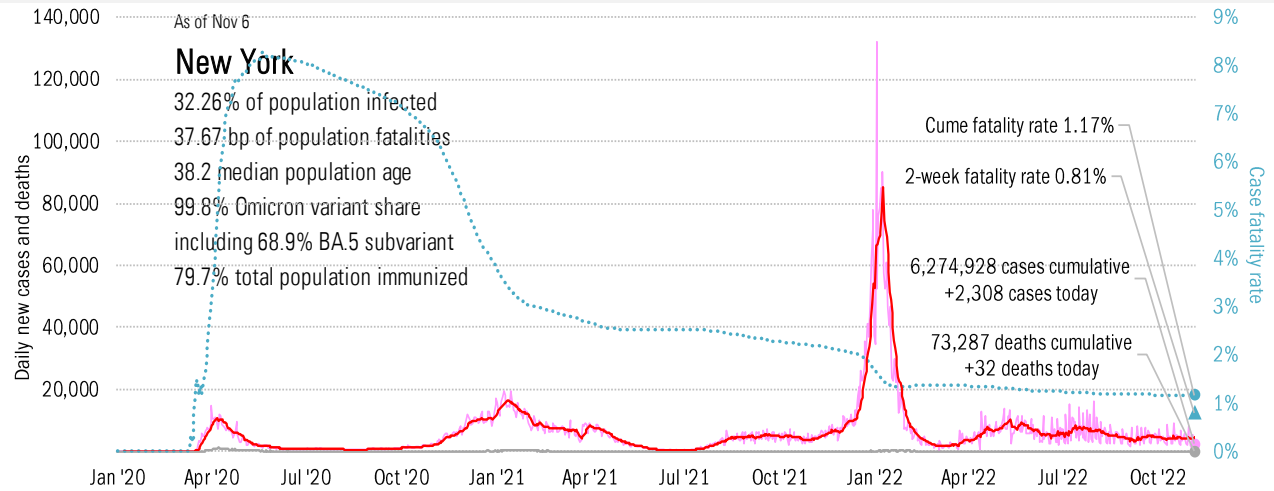
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

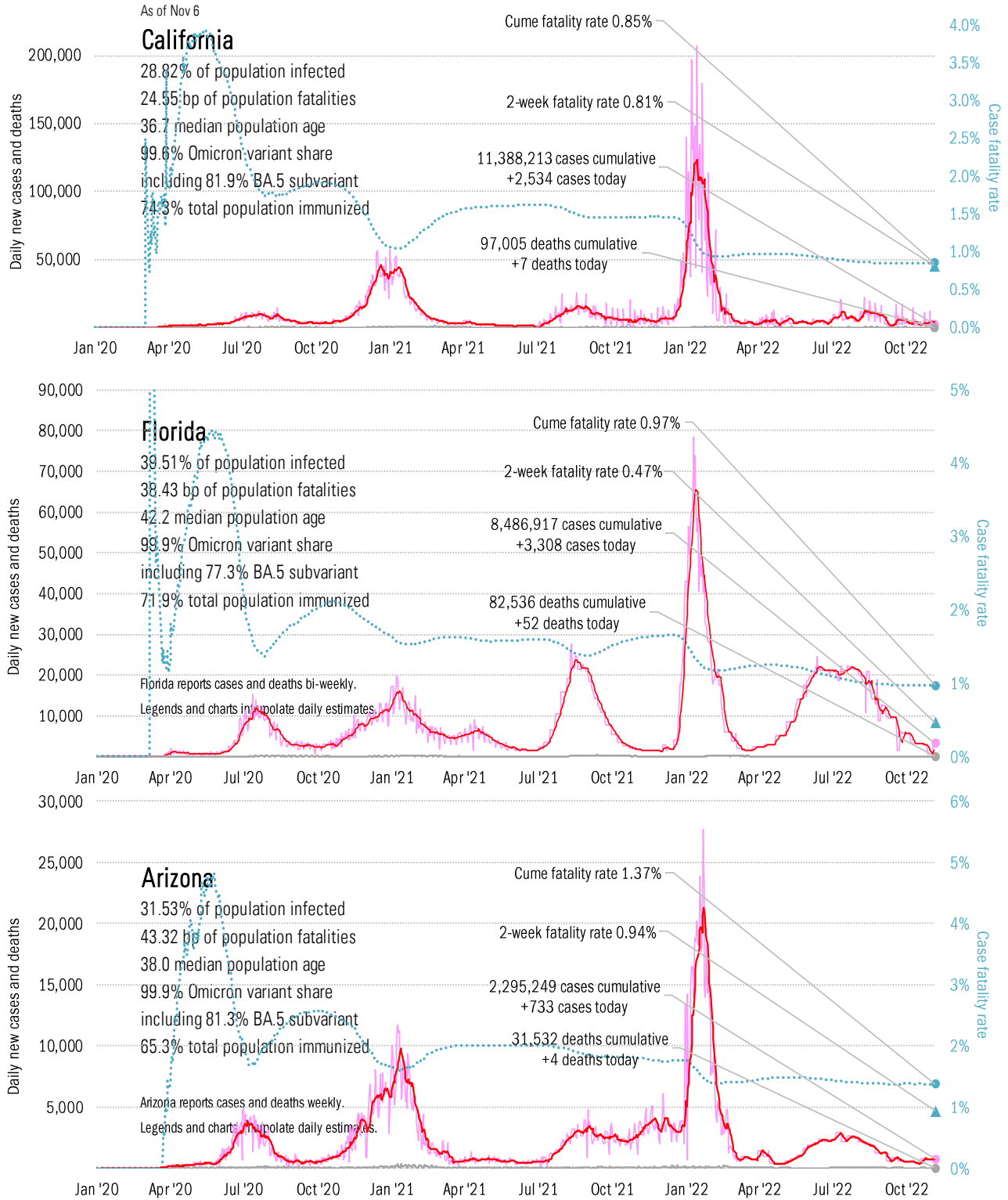
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

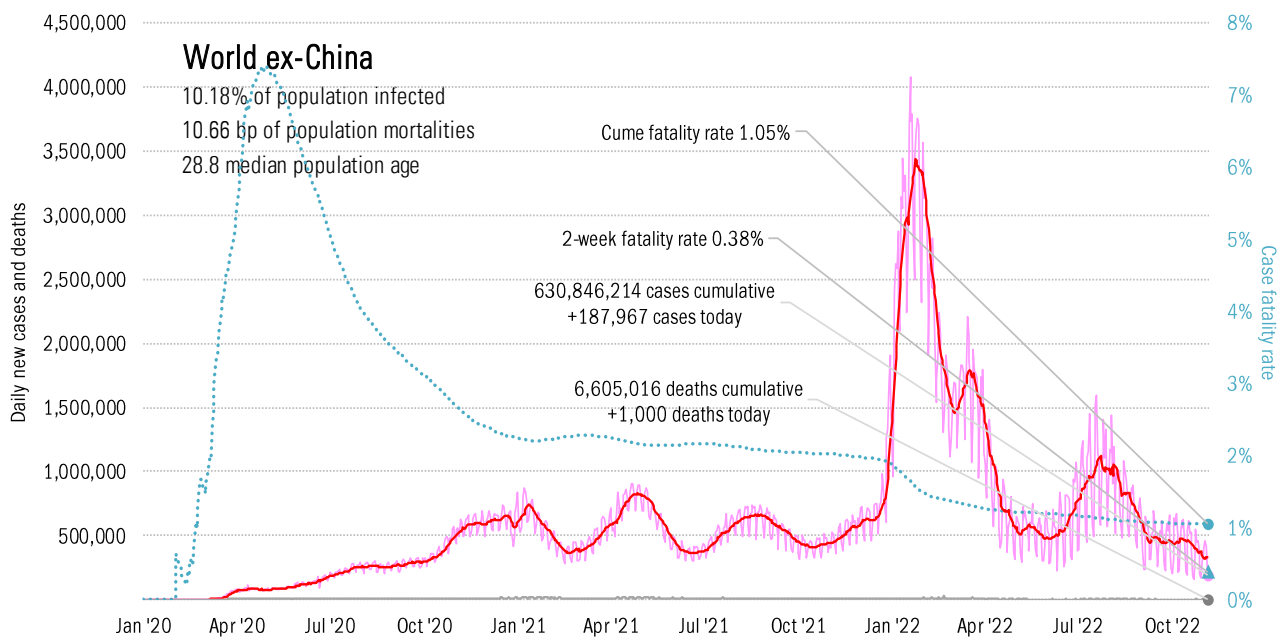
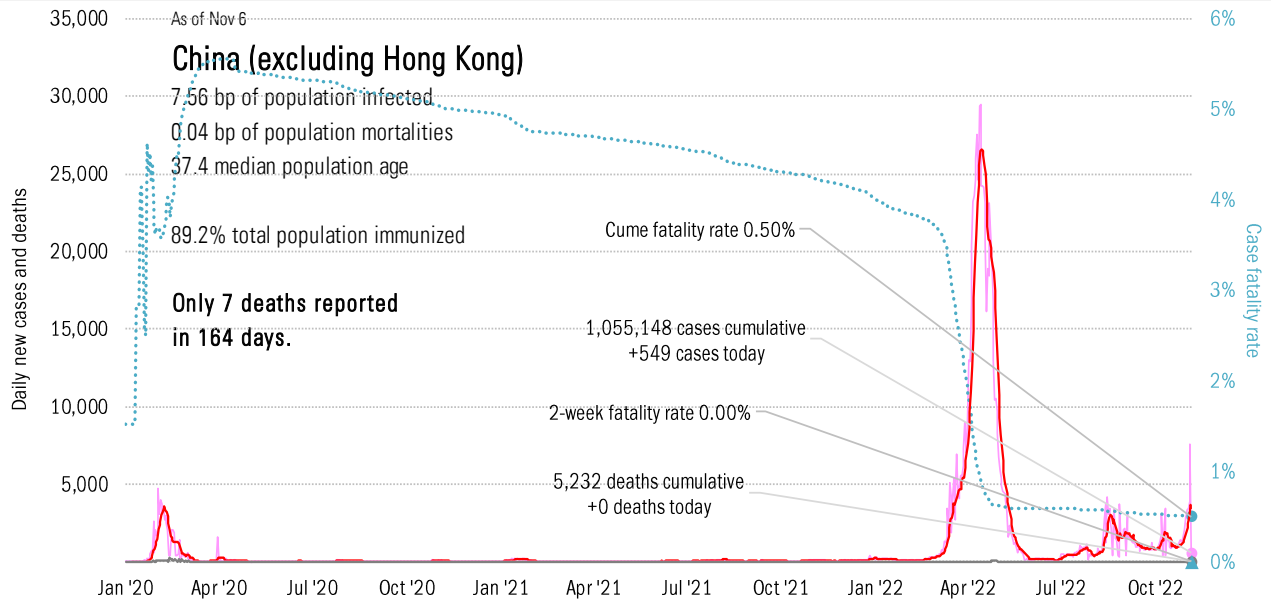
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

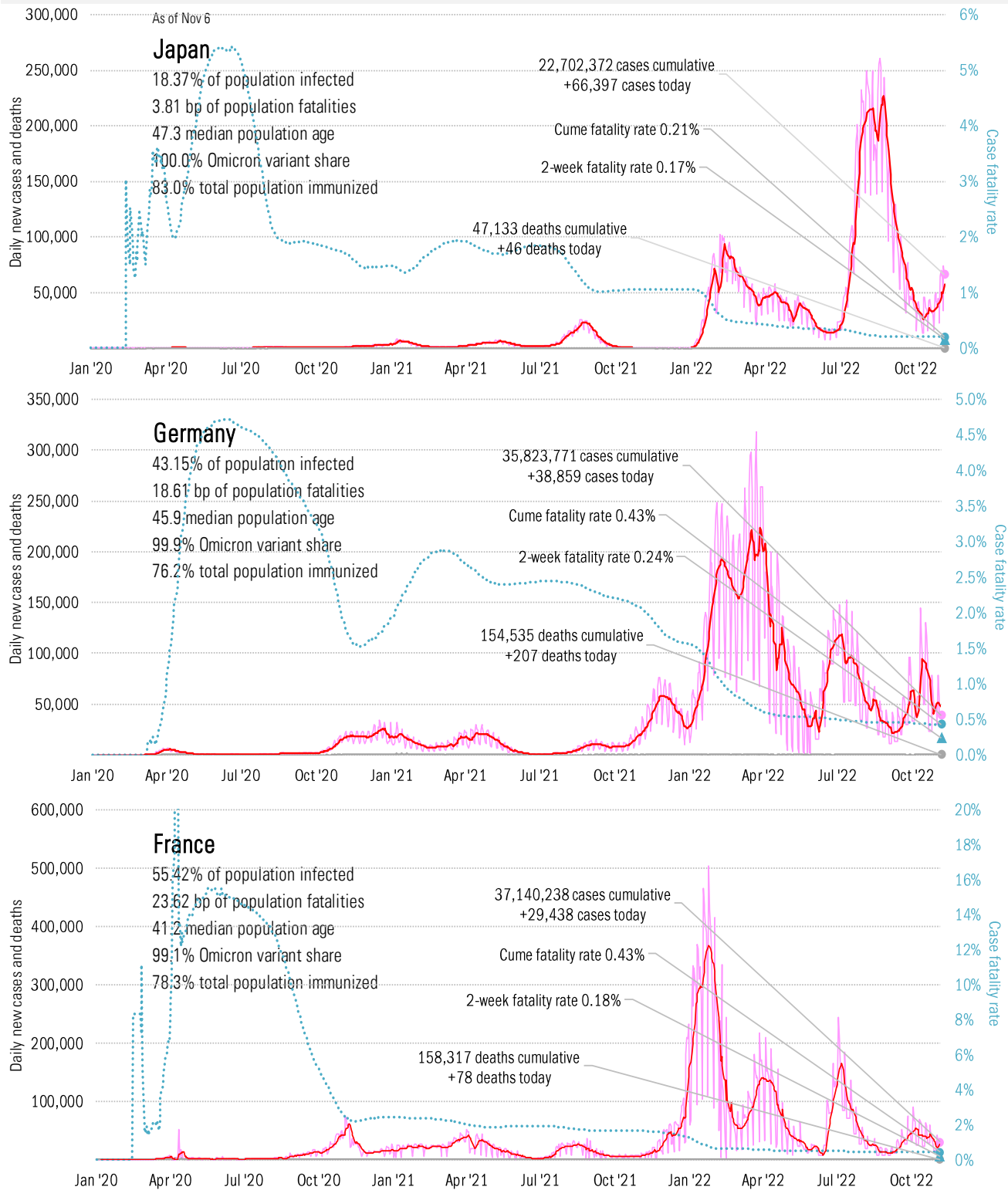
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

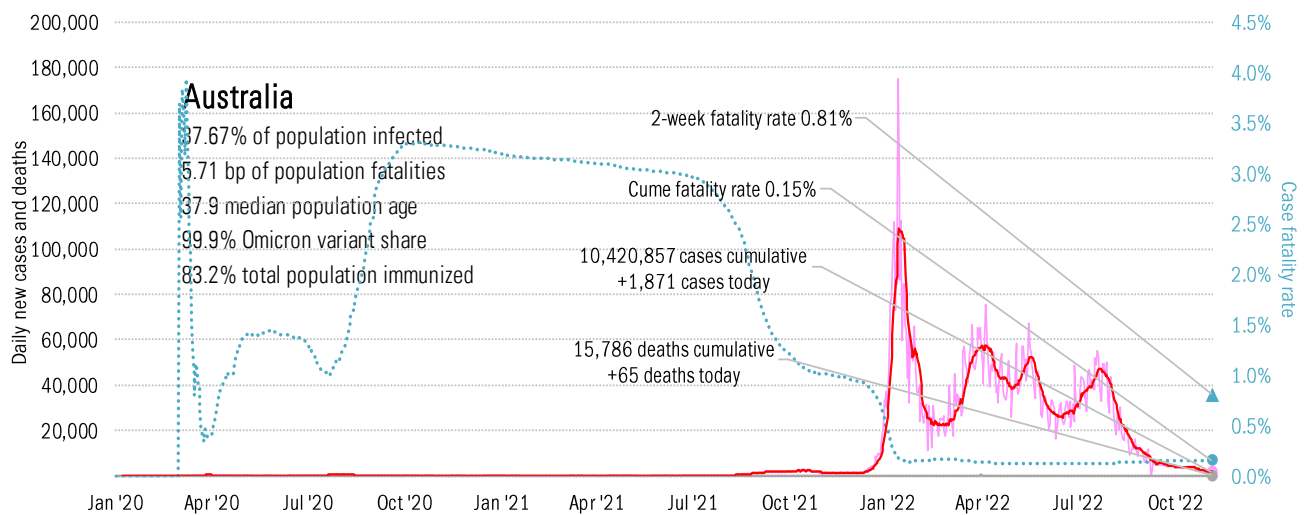
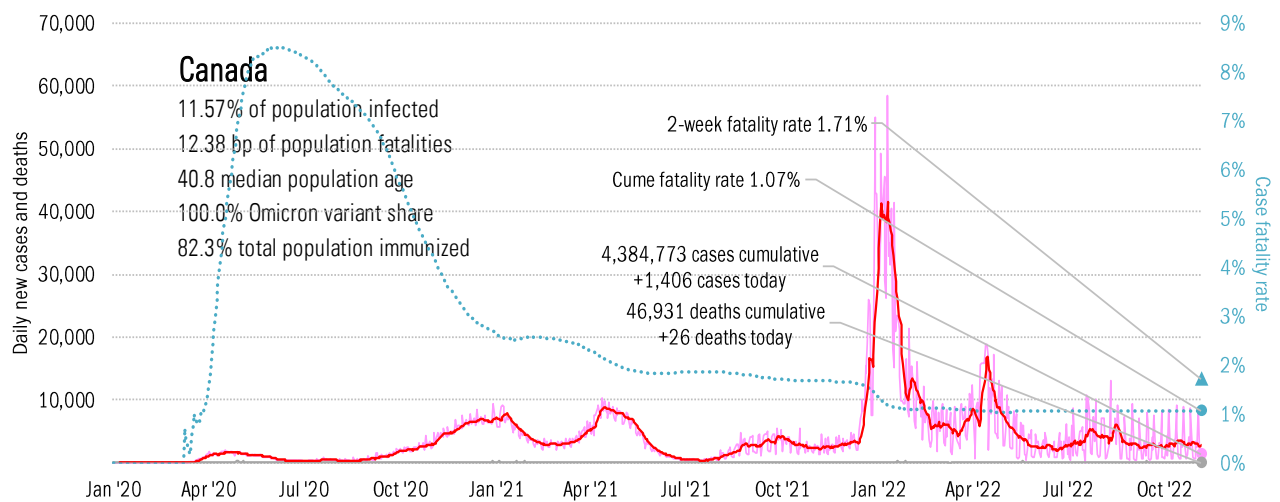
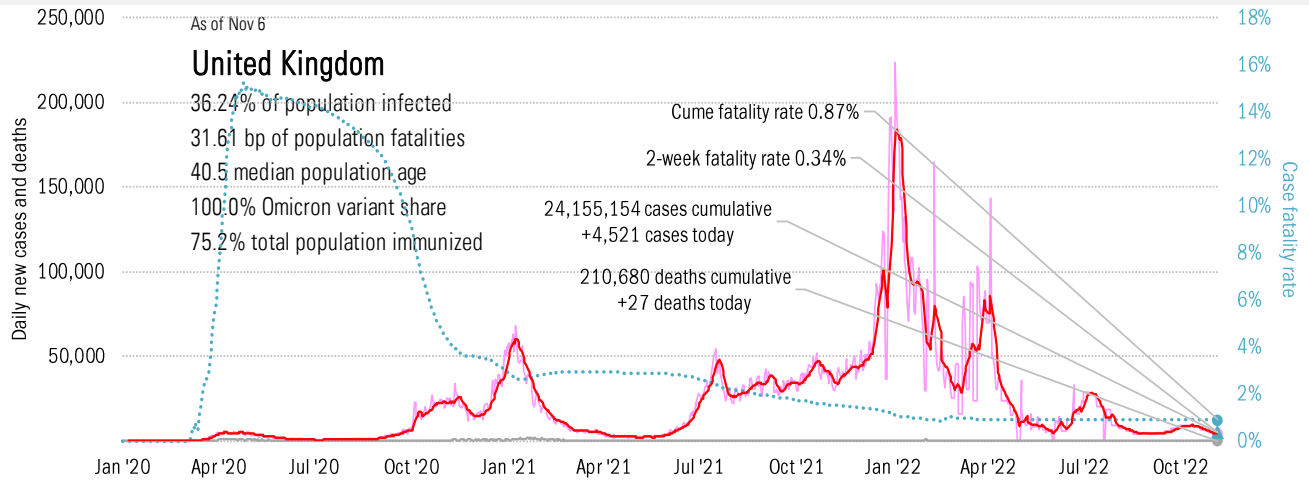
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

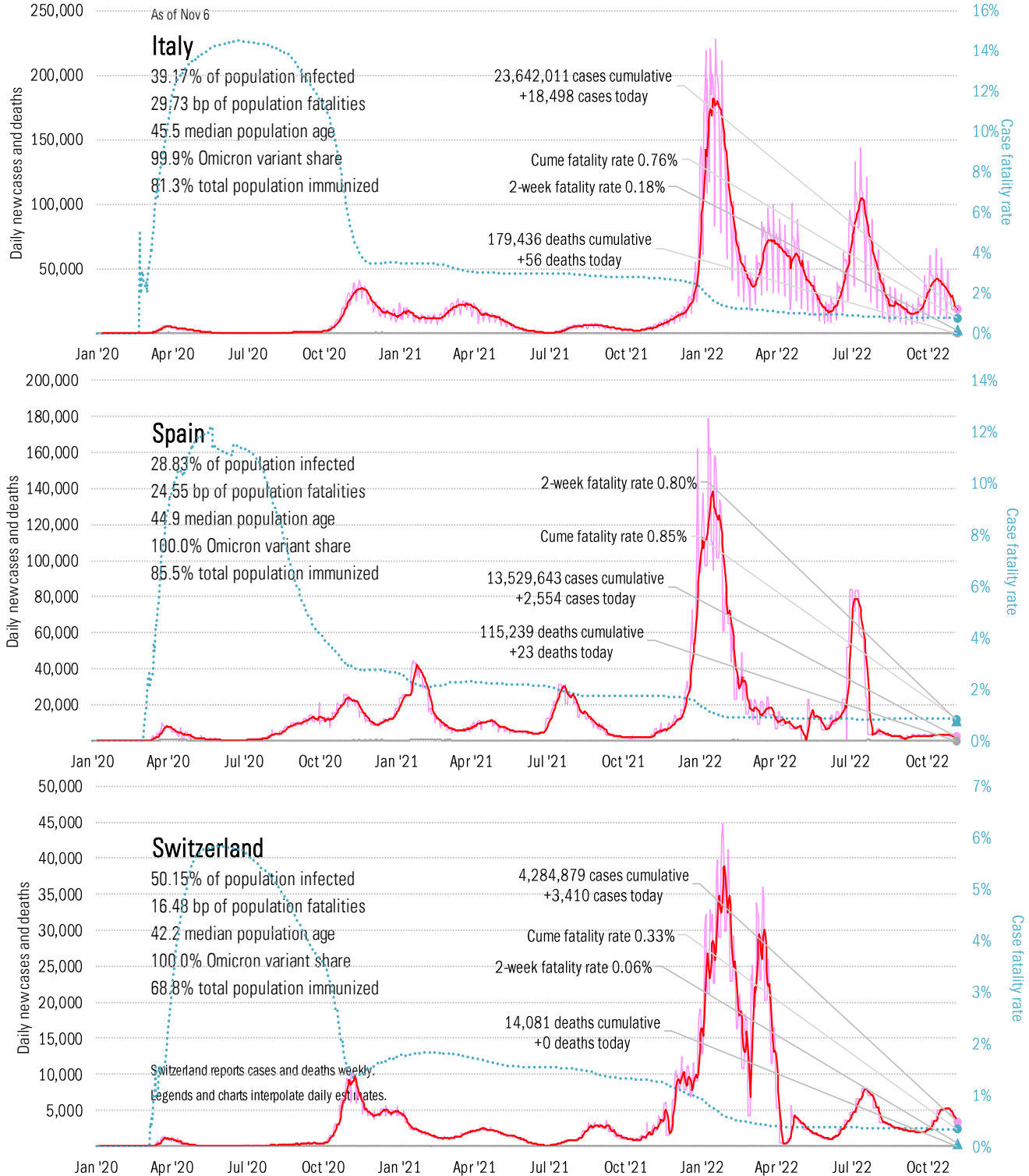
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

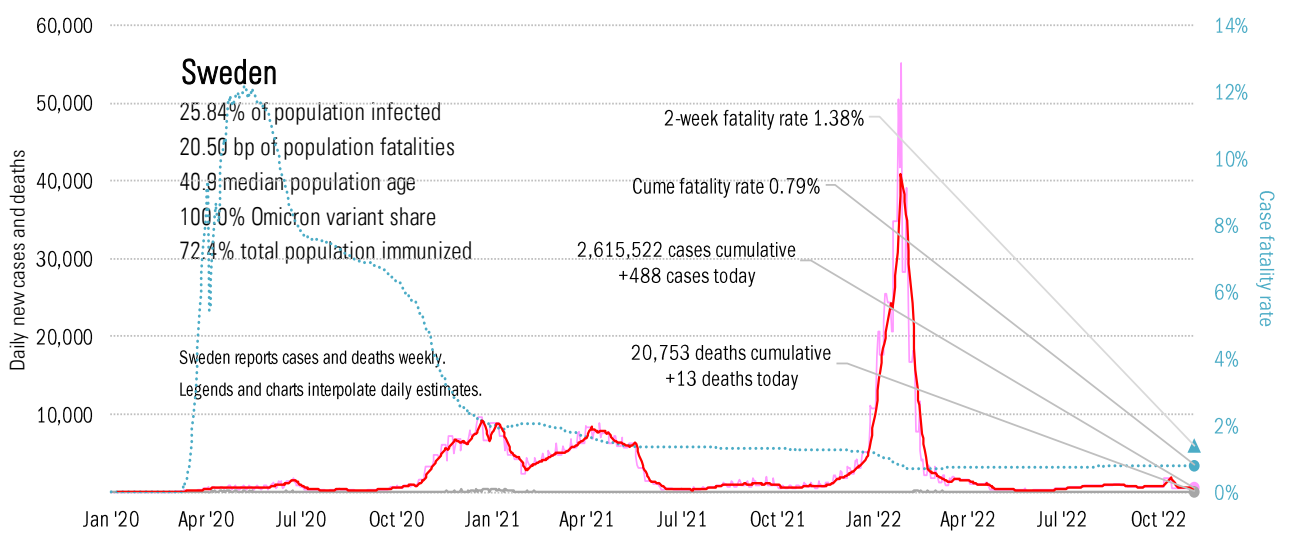
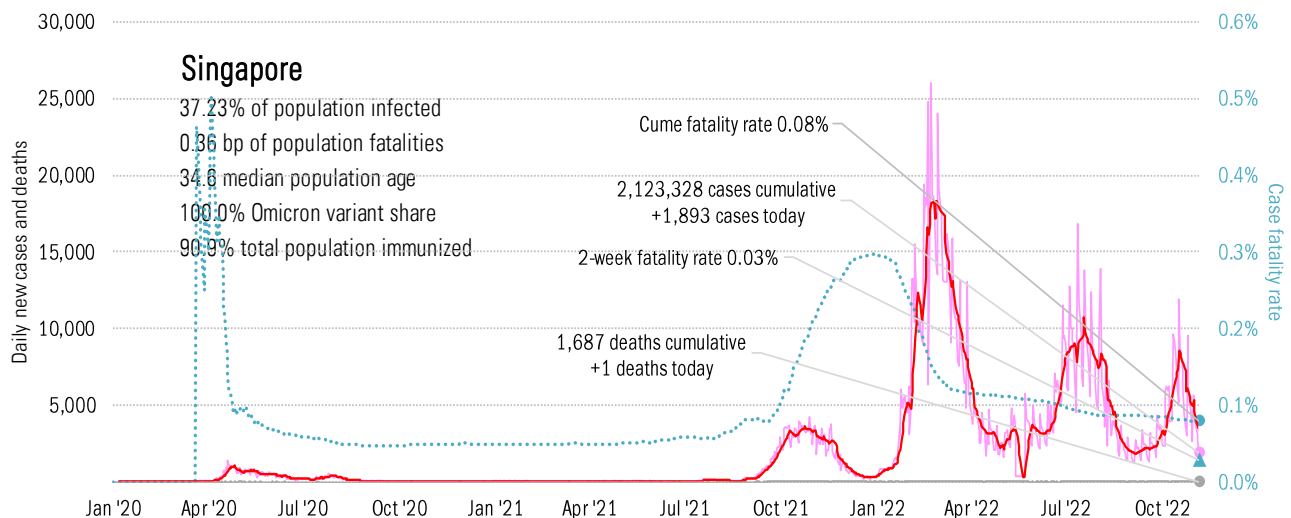
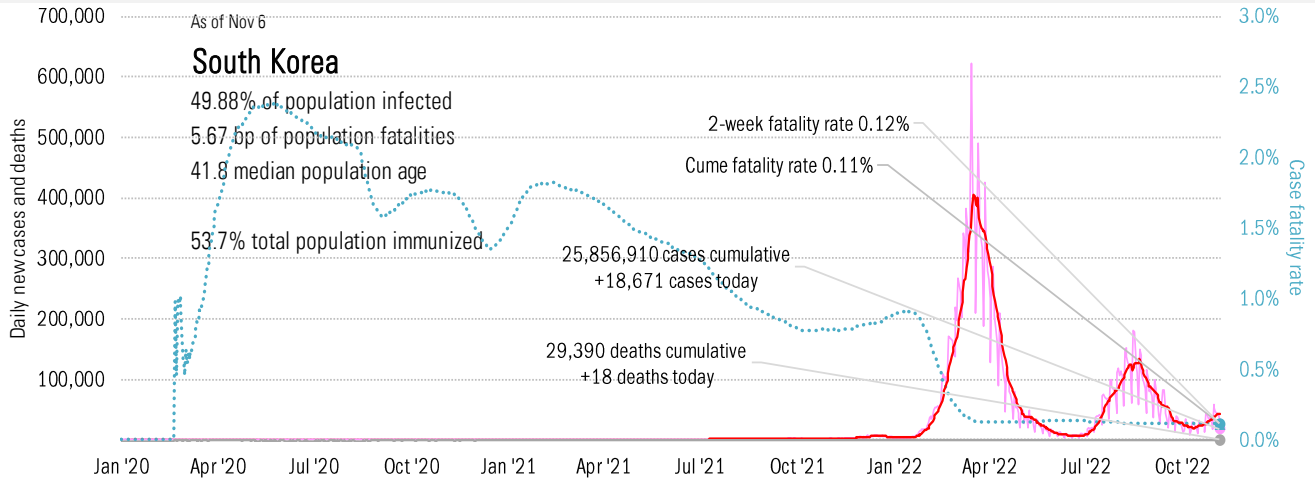
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

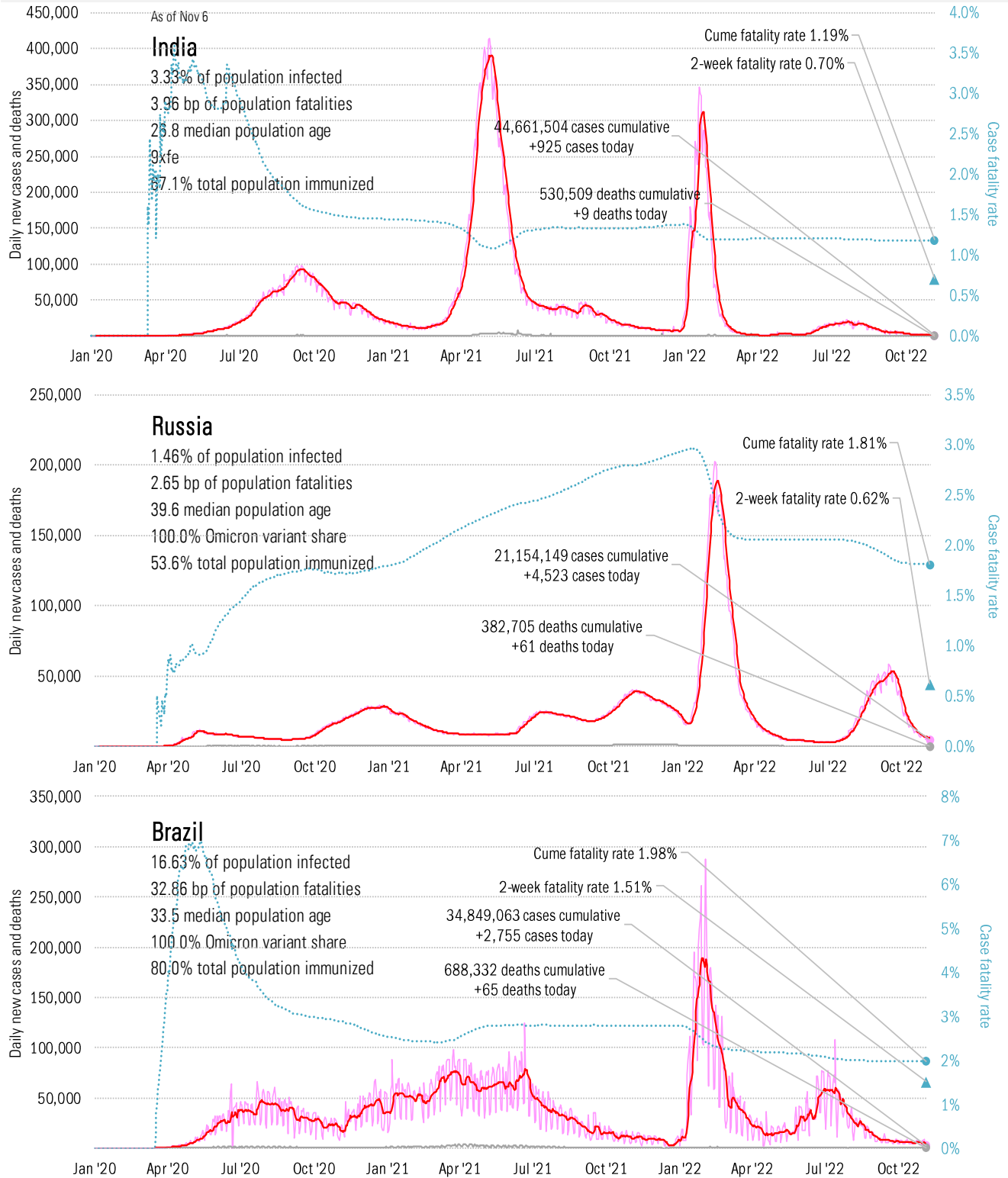
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

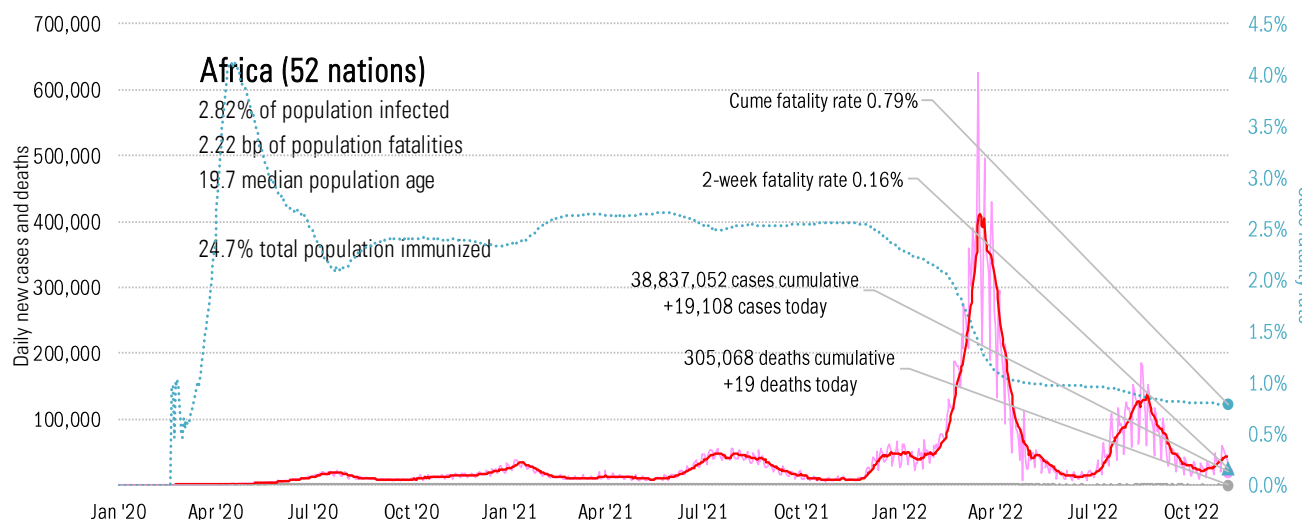
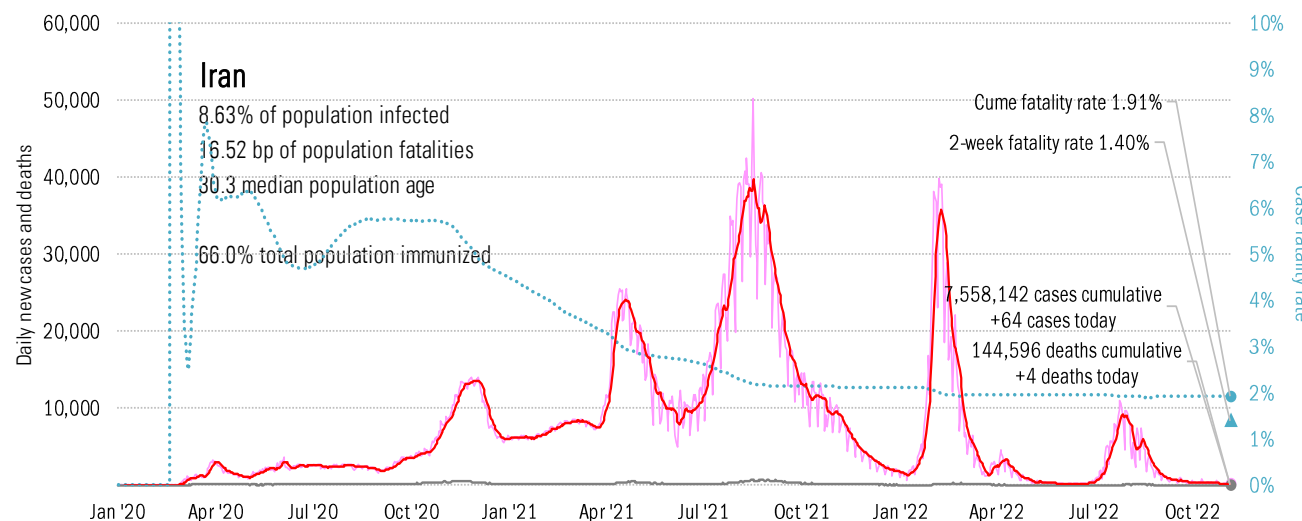
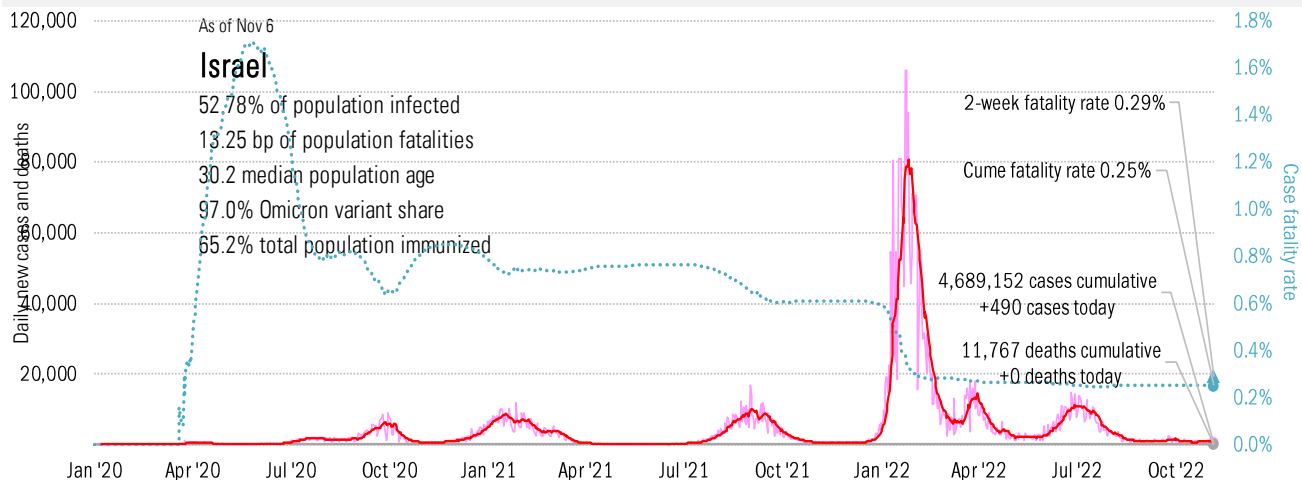
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

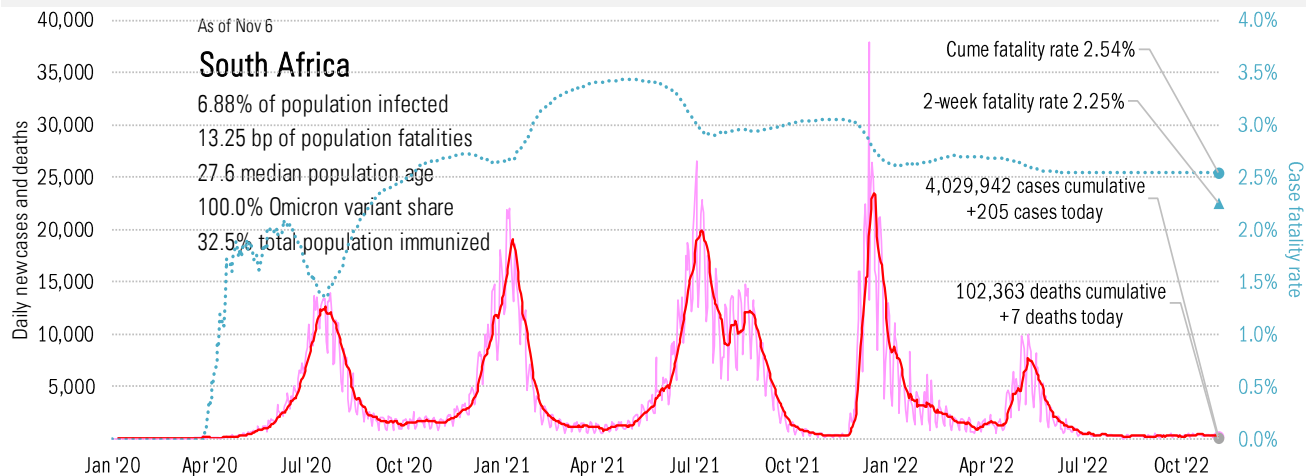
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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