

## Data Insights: Covid-2019 Monitor

Friday, November 18, 2022

### The global scorecard

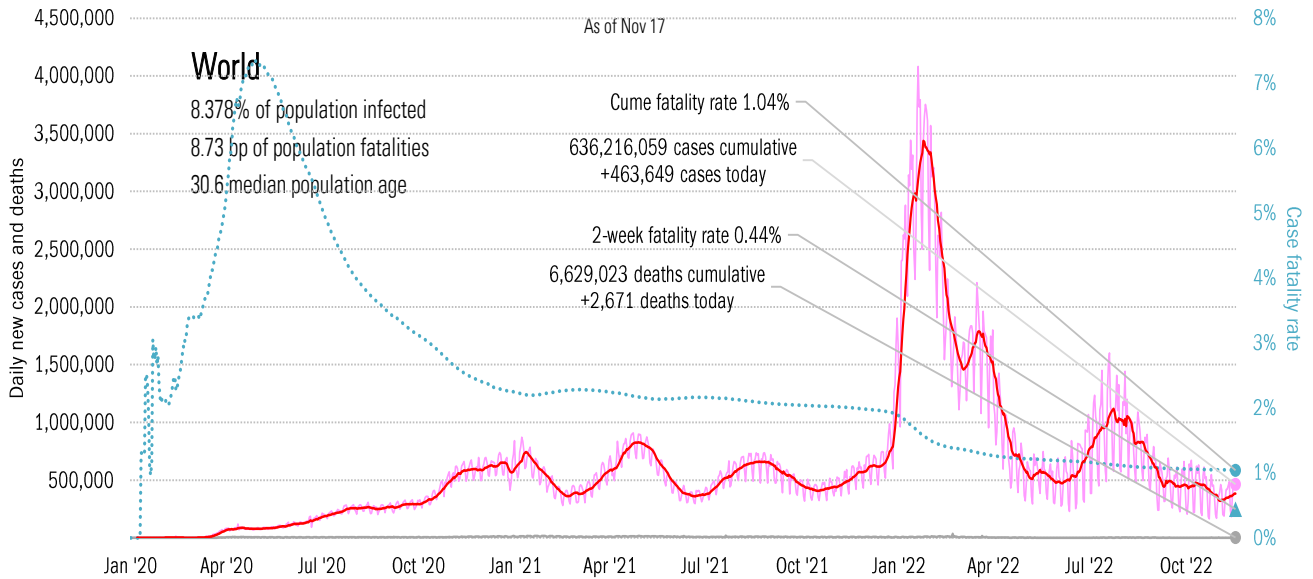
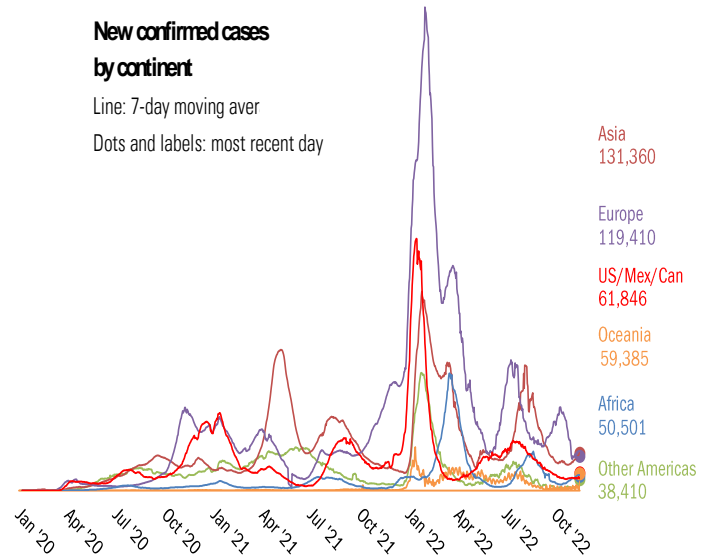
Cases: **7-day average** and **daily** Deaths: Daily

#### The worst ten countries

New cases		New Deaths	
Japan	91,606	United Kingdom	666
Australia	59,318	United States	490
Korea, South	49,418	Finland	260
United States	48,048	Germany	218
France	33,331	Canada	144
Brazil	32,970	Japan	140
Germany	27,587	France	87
United Kingdom	23,441	Australia	77
Taiwan*	20,116	Taiwan*	77
Finland	12,003	Brazil	71
<b>397,838</b>		<b>2,230</b>	
World	463,649	World	2,671
Top ten	86%	Top ten	84%

#### 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](mailto:don@trendmacro.com)  
 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

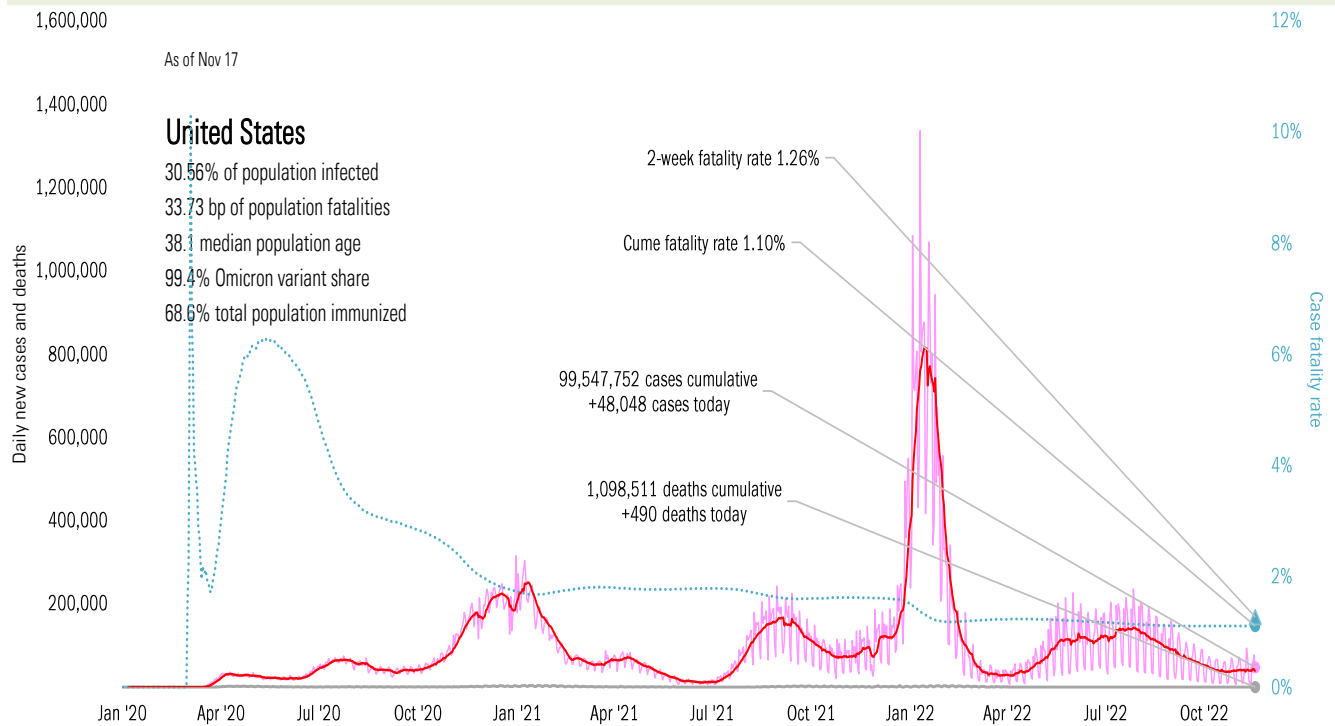
## The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use		
CA	7,065		CA	118		CA	401		CA	11,448,277	CA	97,283	TX	563,303	MD	107%	MA	87%	RI	90%	NH	86%
NY	5,524		OR	44		IL	194		FL	8,521,802	TX	91,312	CA	513,281	MA	89%	AL	86%	MN	88%	AK	86%
UT	2,787		NY	29		MI	157		TX	8,069,526	FL	82,719	FL	501,887	WA	86%	TX	85%	NH	85%	NC	85%
IL	2,758		FL	26		TX	167		NY	6,326,186	NY	73,603	NY	316,281	MO	85%	NM	83%	GA	85%	RI	83%
NJ	2,257		MI	21		AZ	133		IL	3,848,711	PA	48,126	GA	229,207	WV	84%	NE	82%	DE	84%	GA	82%
MI	2,143		PA	19		GA	115		PA	3,340,015	GA	40,915	CH	225,802								
FL	1,803		VA	17		AL	51		NC	3,262,335	CH	40,359	PA	212,125								
KY	1,611		GA	16		MA	103		CH	3,218,281	IL	40,187	IL	193,863								
CO	1,560		DE	15		MO	92		GA	2,933,229	MI	39,697	MI	168,973								
AZ	1,539		CO	14		LA	64		MI	2,920,679	NJ	35,030	KY	147,351								
29,048			319			1,477			53,889,041			589,231			3,062,073							
All states	48,048			490			3,631		All states	99,547,752		1,098,511		5,561,778	All states	70%					67%	
Top ten	60%			65%			41%		Top ten	54%		55%		55%	Median	79%					75%	

Some states not reporting

## Five most improved US states

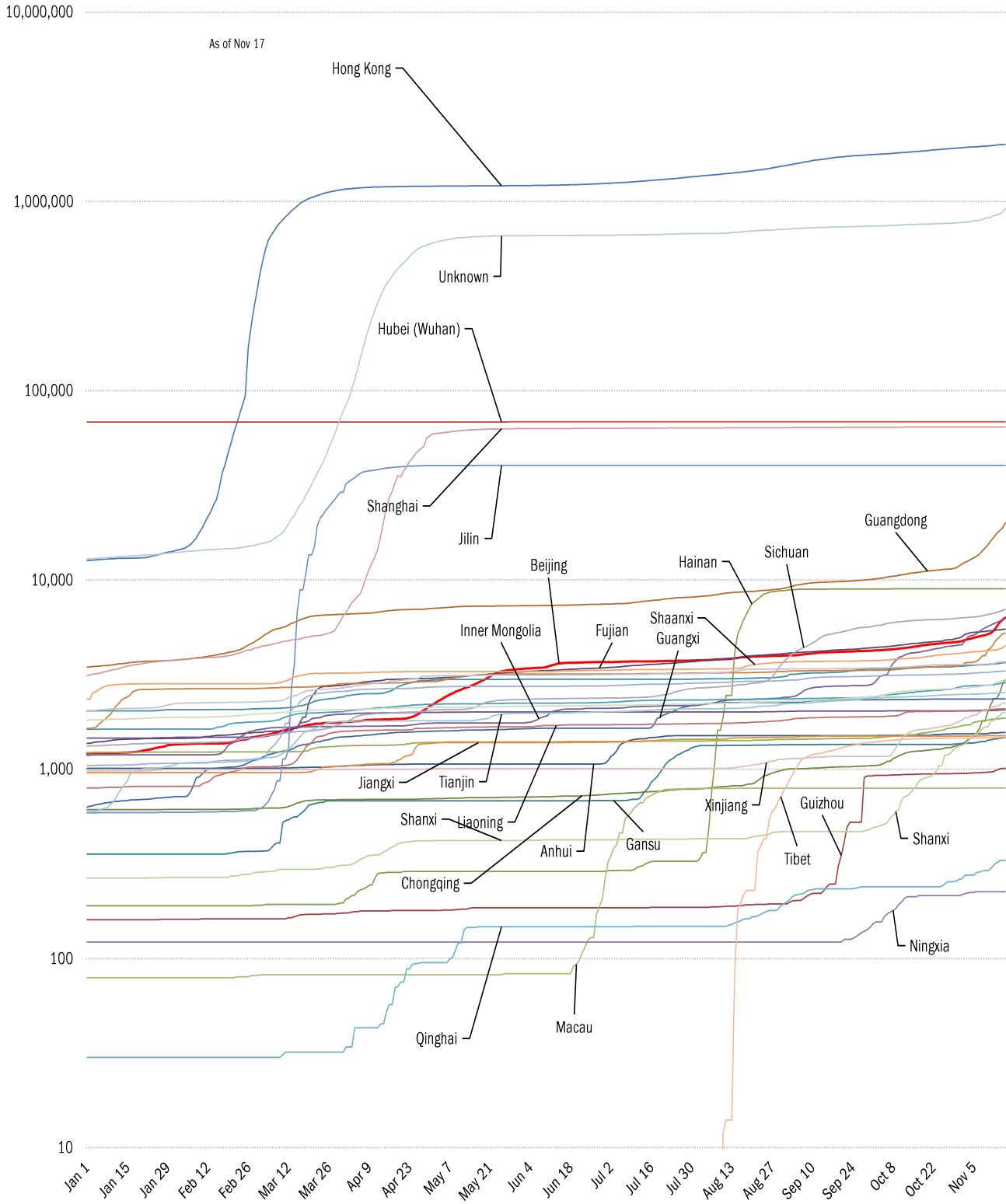
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
TX	-3,177	WI	-16	MN	-25
FL	-1,505	TX	-12	VA	-17
CO	-191	IL	-8	NC	-16
MO	-154	MD	-3	NE	-16
AR	-89	VA	-3	ND	-15



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"*

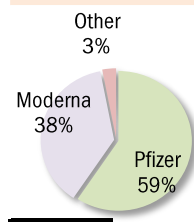


Source: [Johns Hopkins](#), TrendMacro calculations

# 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	New immune today	France	78.3%
Total population	275,804,550	83%	234,917,605	70%	+0.052 million	Spain	85.5%
Age 12 to 17	18,368,587	73%	15,705,157	62%	+0.002 million	Germany	76.2%
Age 18 to 64	183,557,662	90%	155,937,514	77%	+0.029 million	Italy	81.3%
Age 65 and over	60,811,399	100%	53,206,659	97%	+0.011 million	Australia	83.2%
						Israel	65.2%
						Canada	82.4%
						Japan	83.1%
						Africa	24.8%
						India	67.1%
						Brazil	80.2%
						China	89.2%

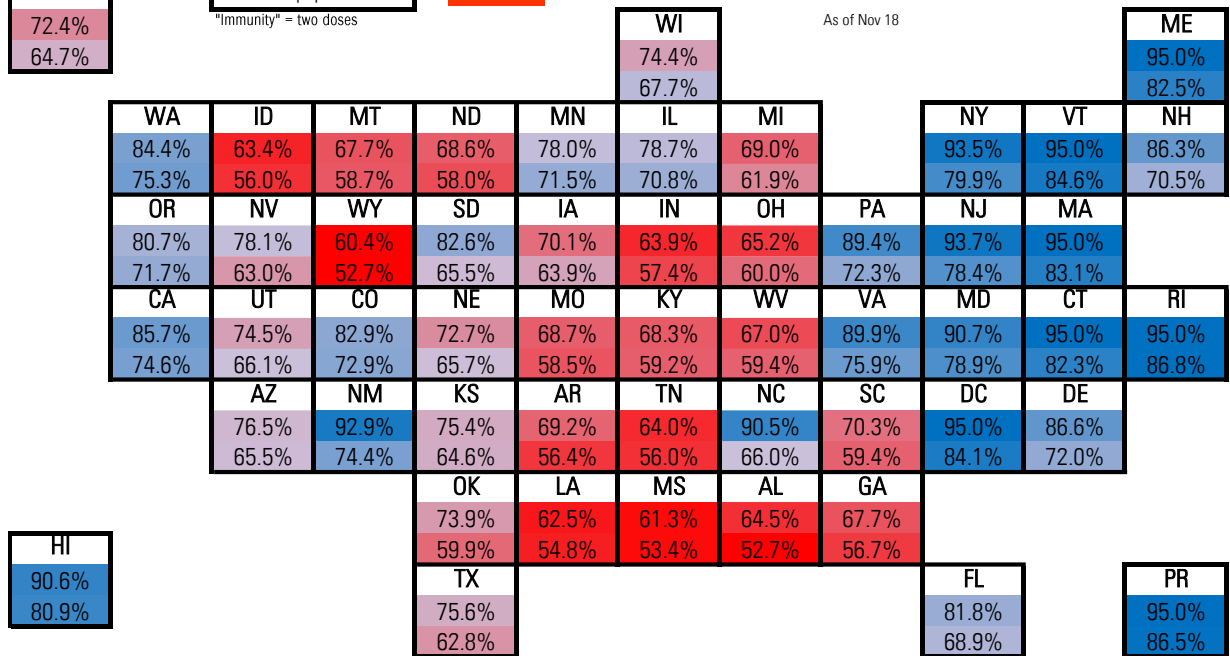


AK
72.4%
64.7%

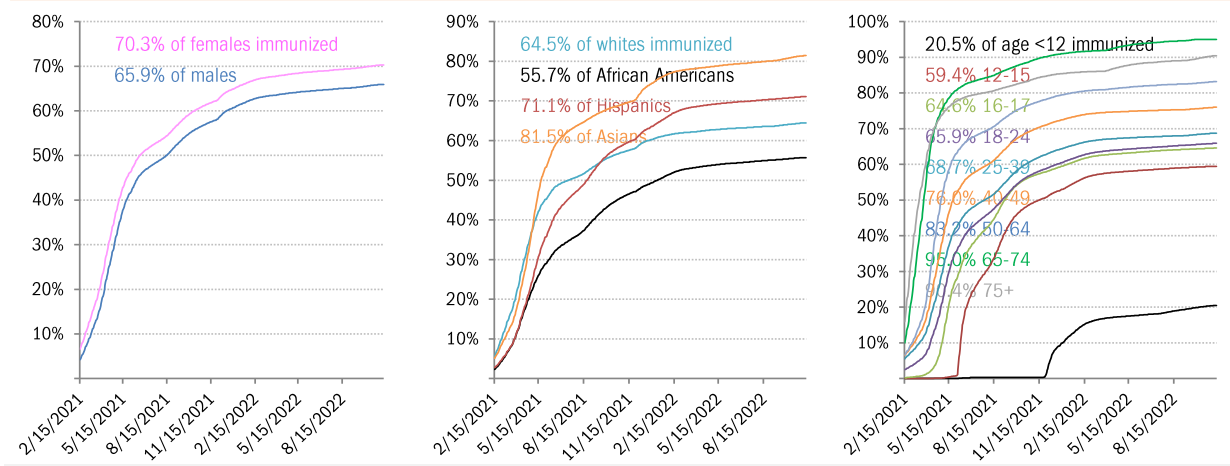
State
At least partial immunity as % population
Full immunity as % population

Best
Middle
Worst

Global data differs due to sources, timing

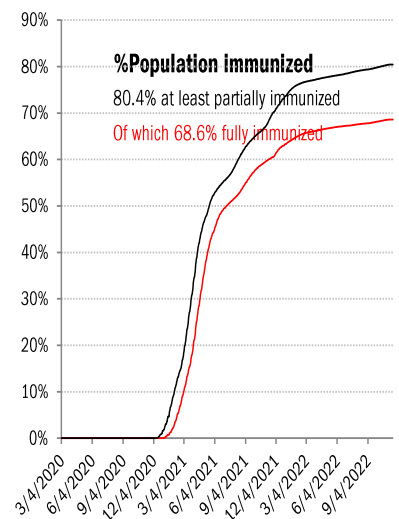
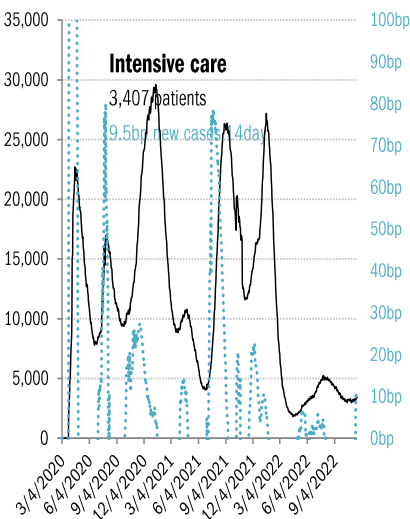
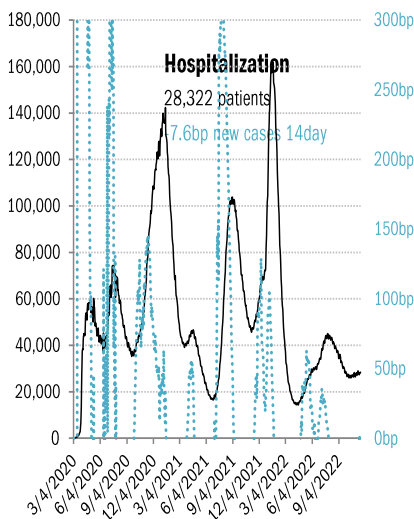
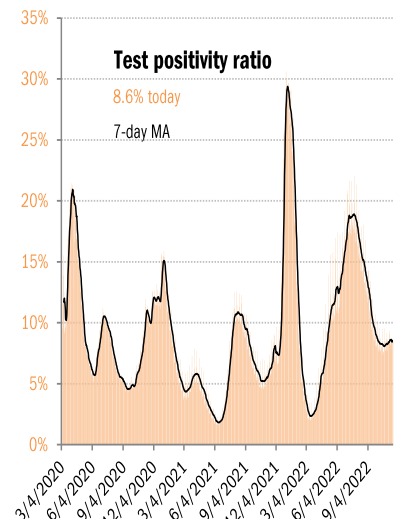
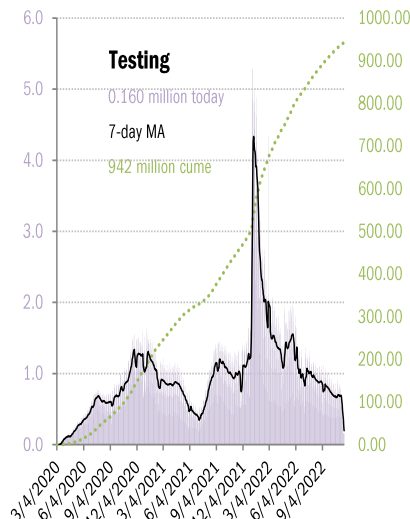
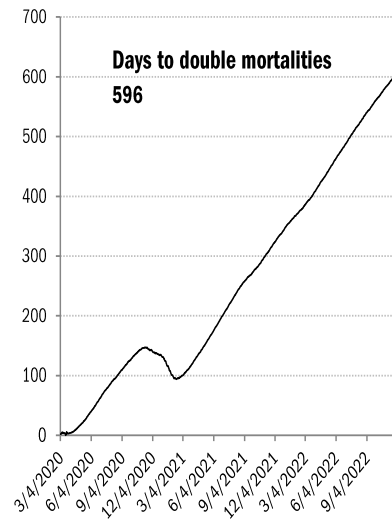
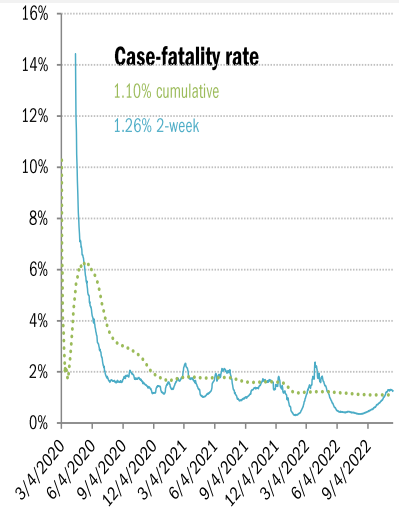
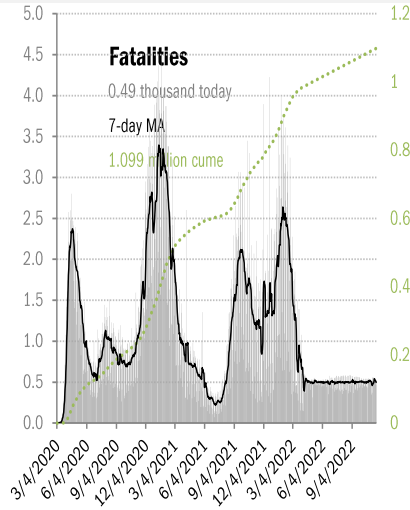
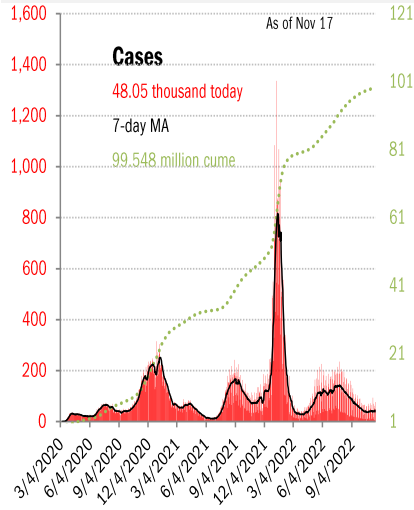


## The demographics of US vaccination

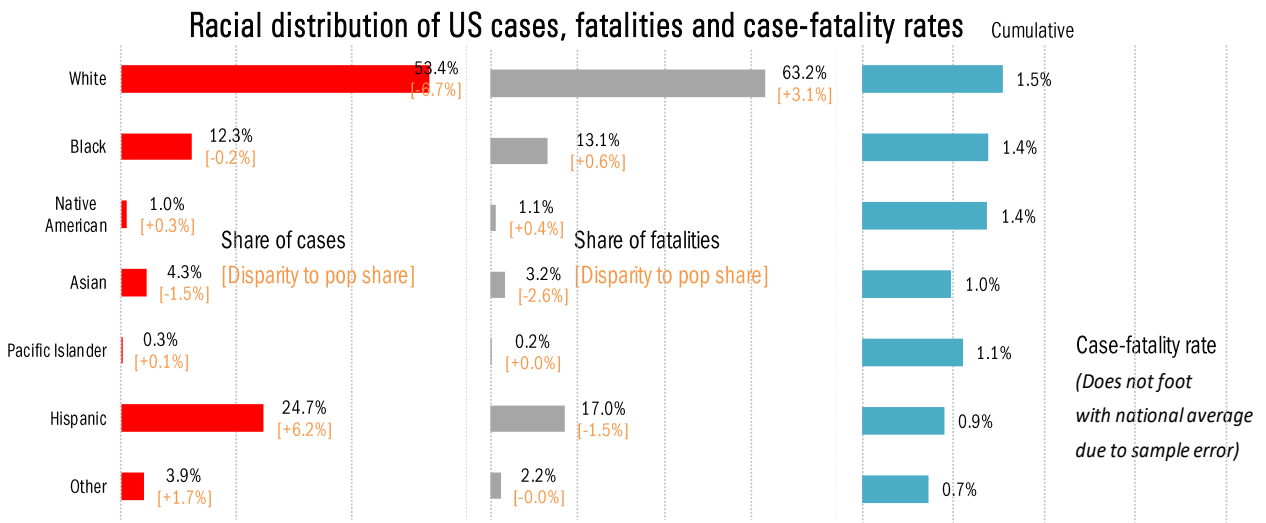
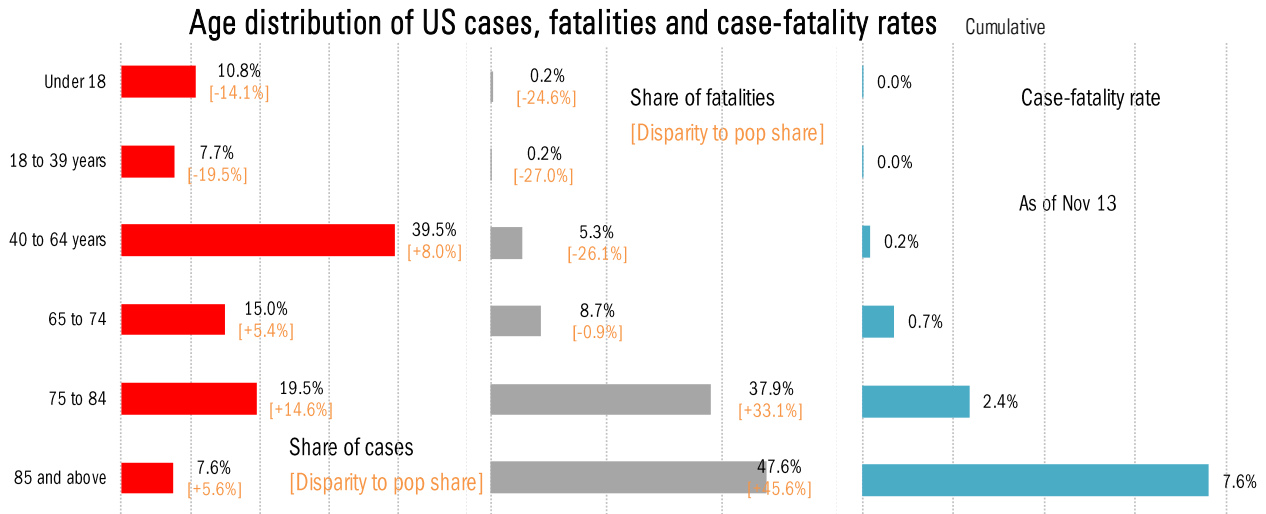


Source: CDC, CDC, Our World in Data, TrendMacro calculations

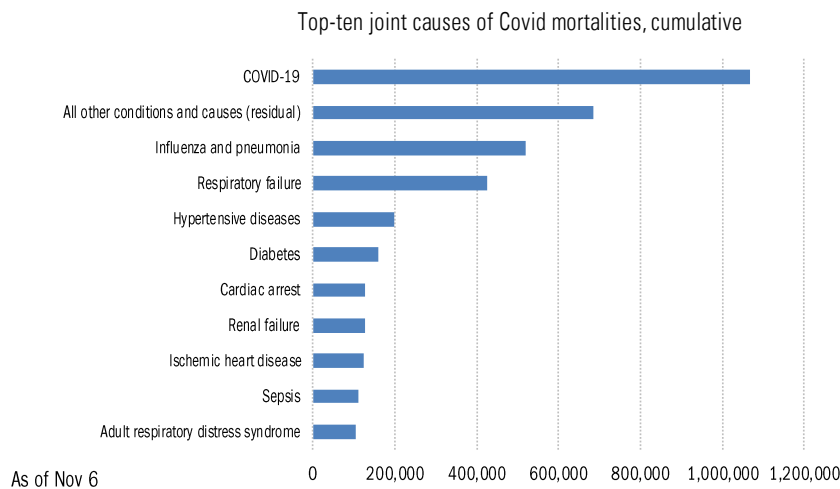
# US deep-dive



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

[Meet the Post-Covid China, Same as the Pre-Covid China](#)

Anastasia Lin  
*Wall Street Journal*  
November 17, 2022

[Citizen reporting beats legacy media on a crucial, complex story \(yet again\)](#)

Alex Berenson  
*Unreported Truths*  
November 17, 2022

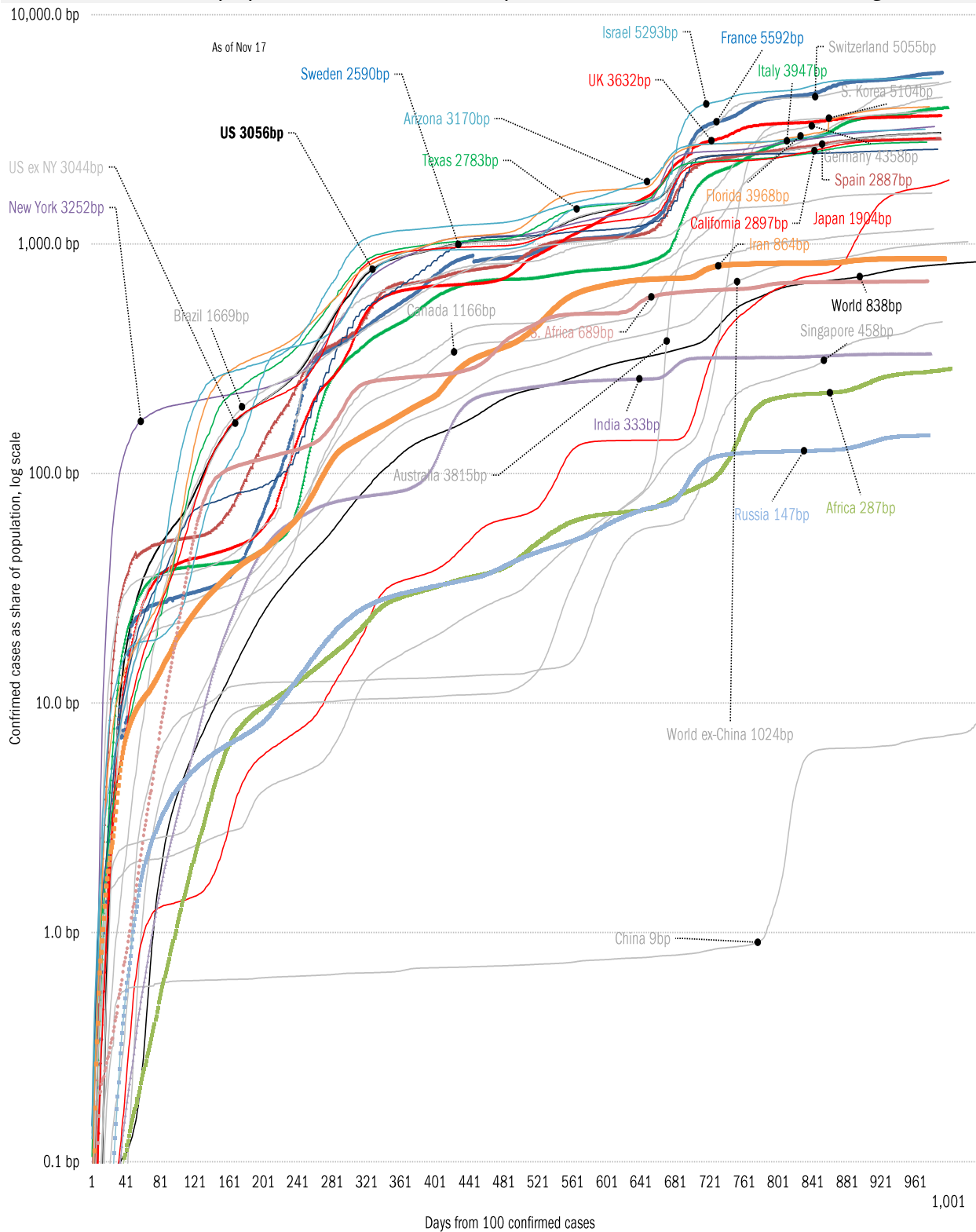
## Meme of the day



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

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

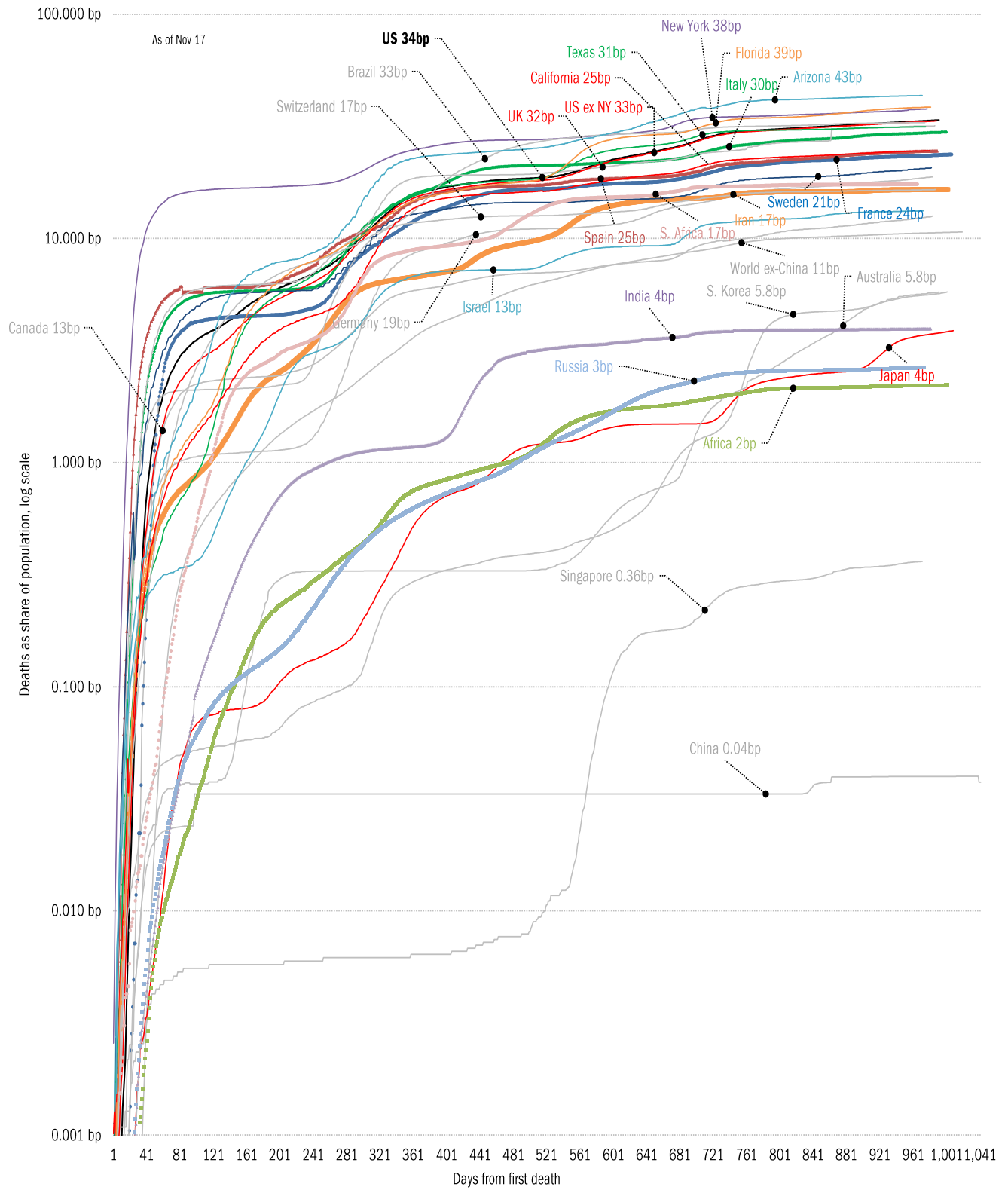
*Share of infected population from first day with 100 confirmed cases, log scale*



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*

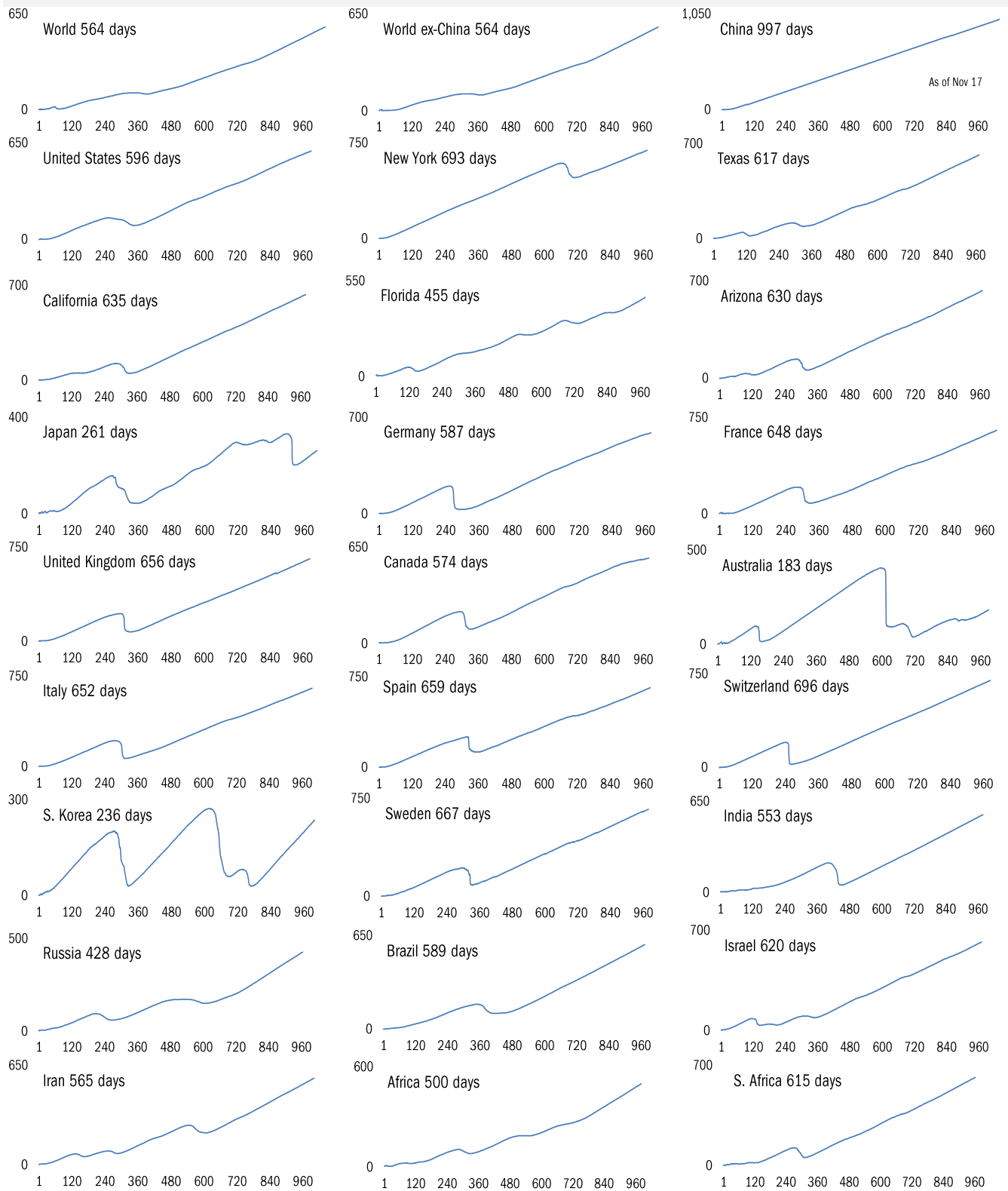


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

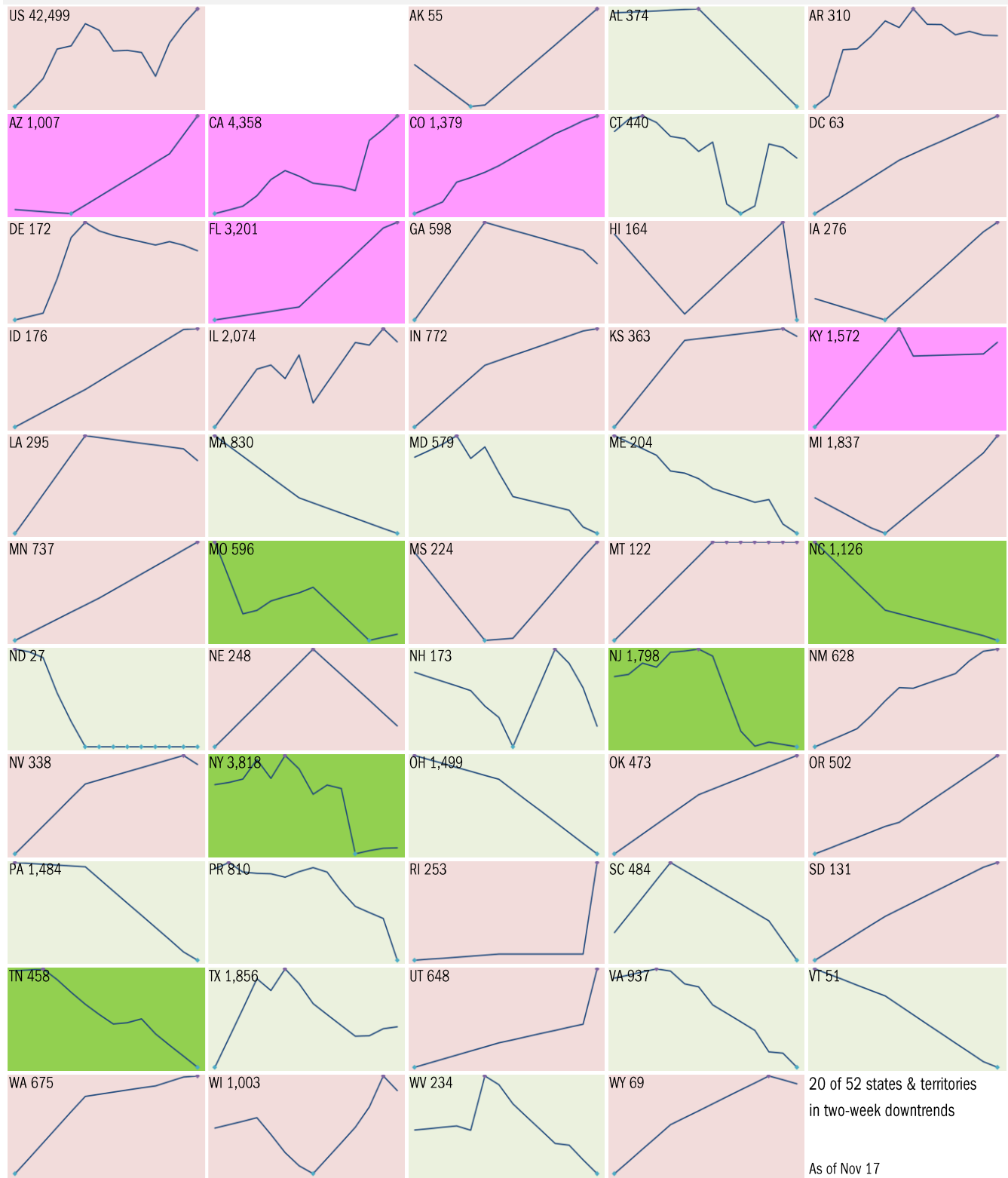


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

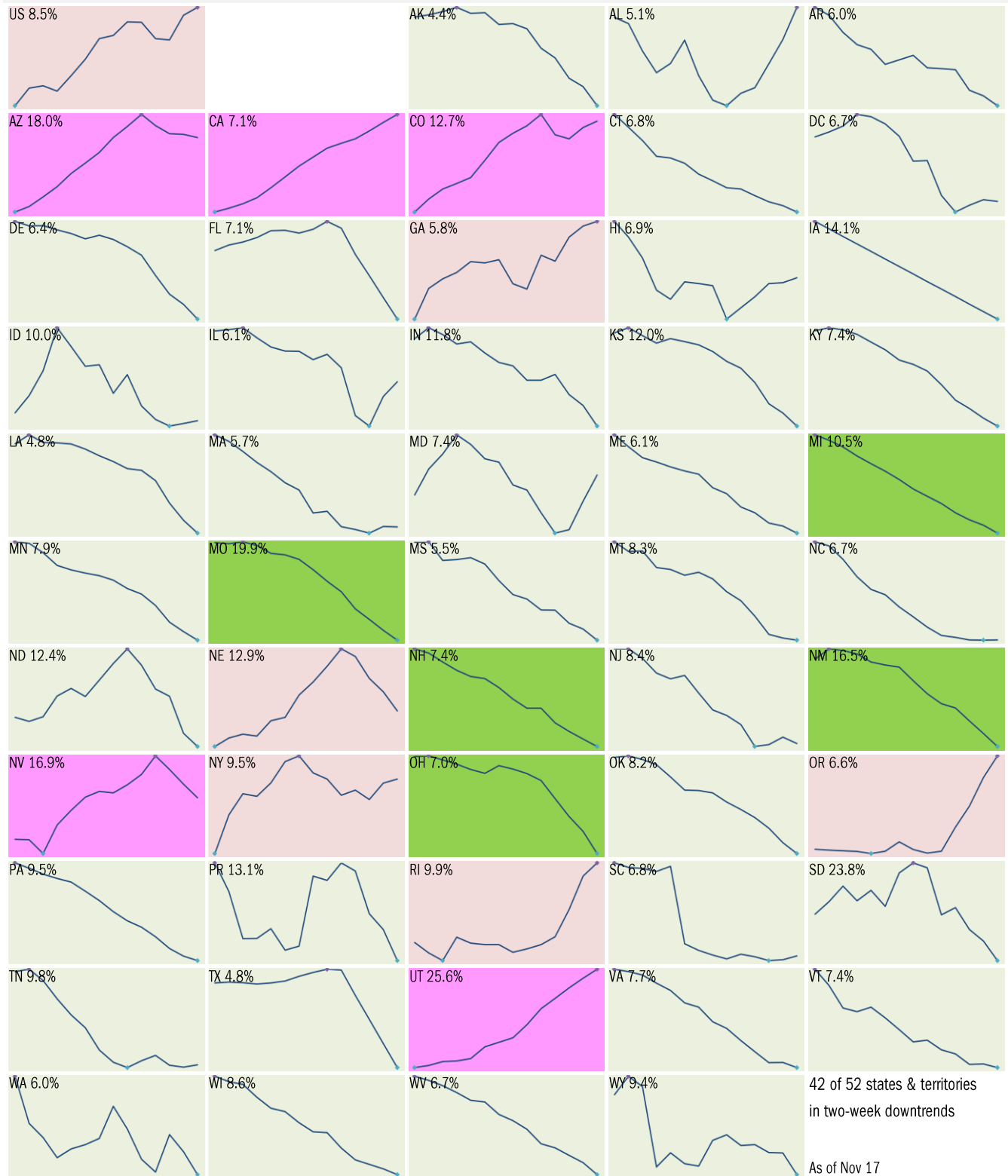


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

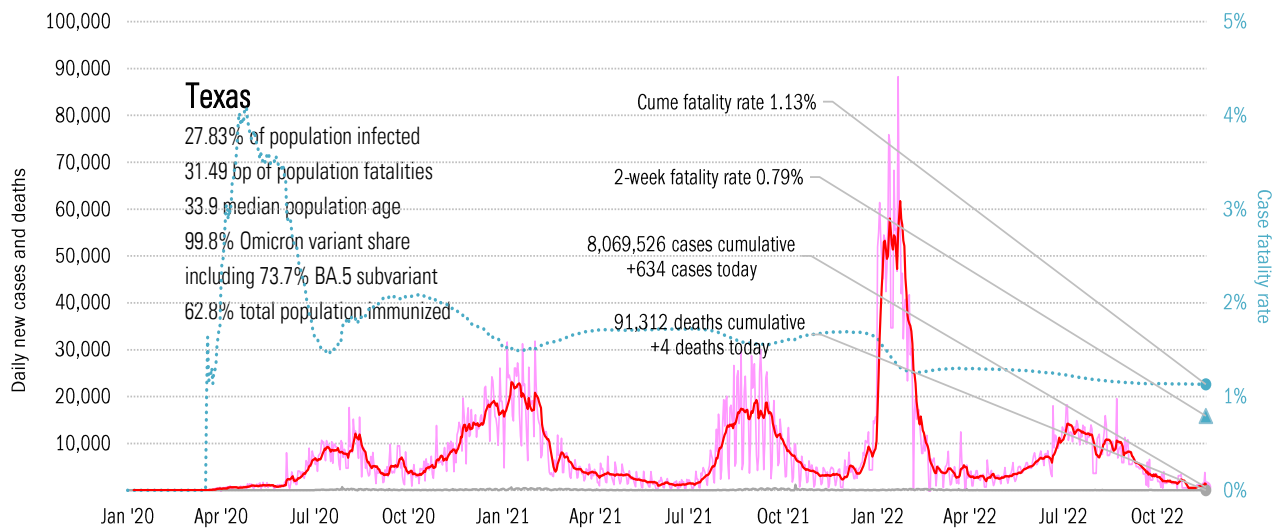
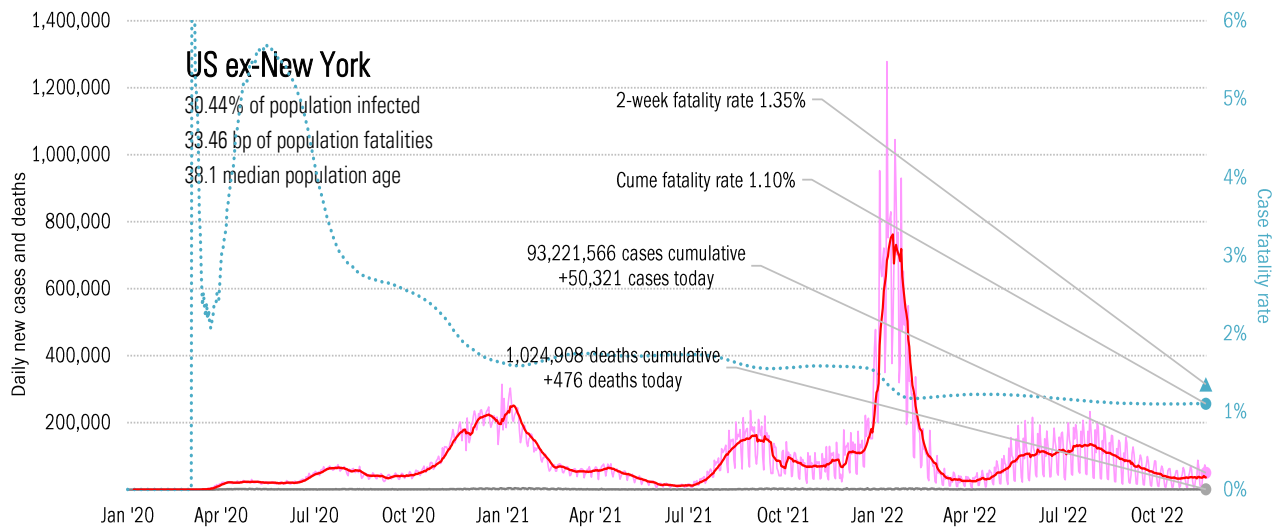
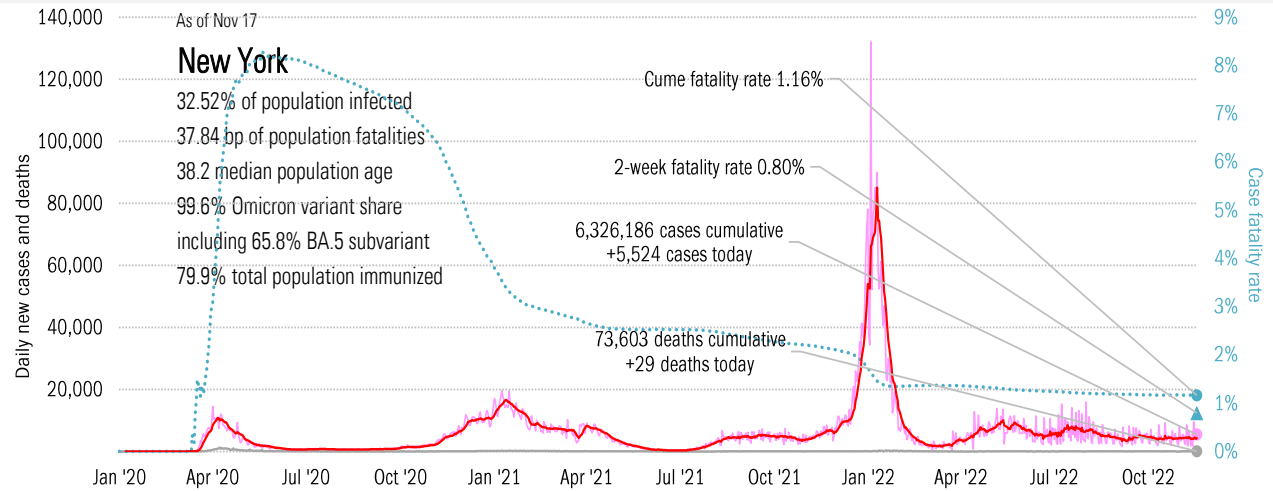
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

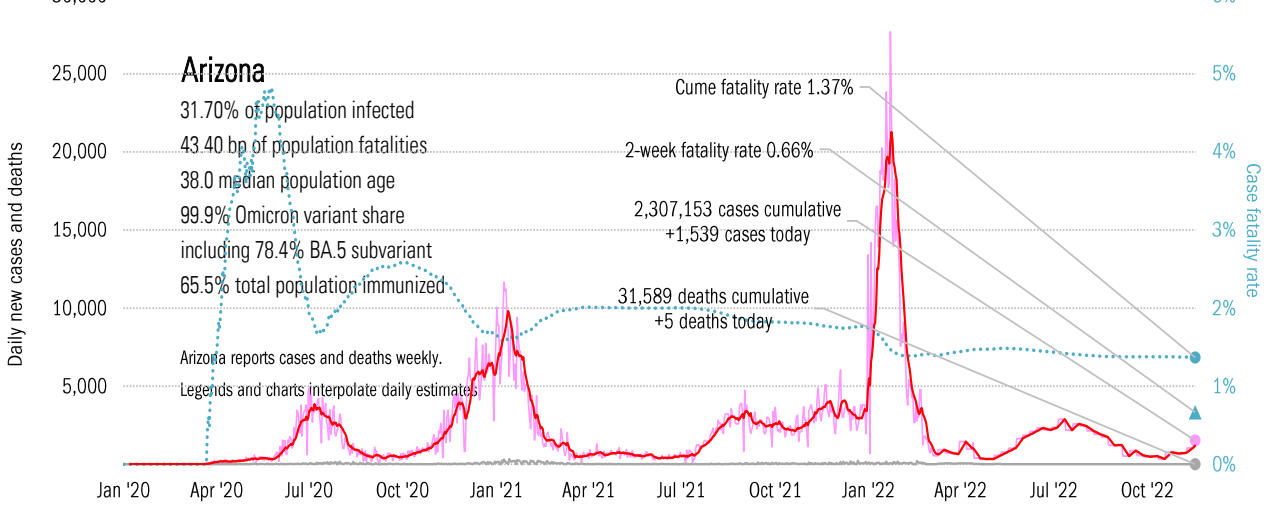
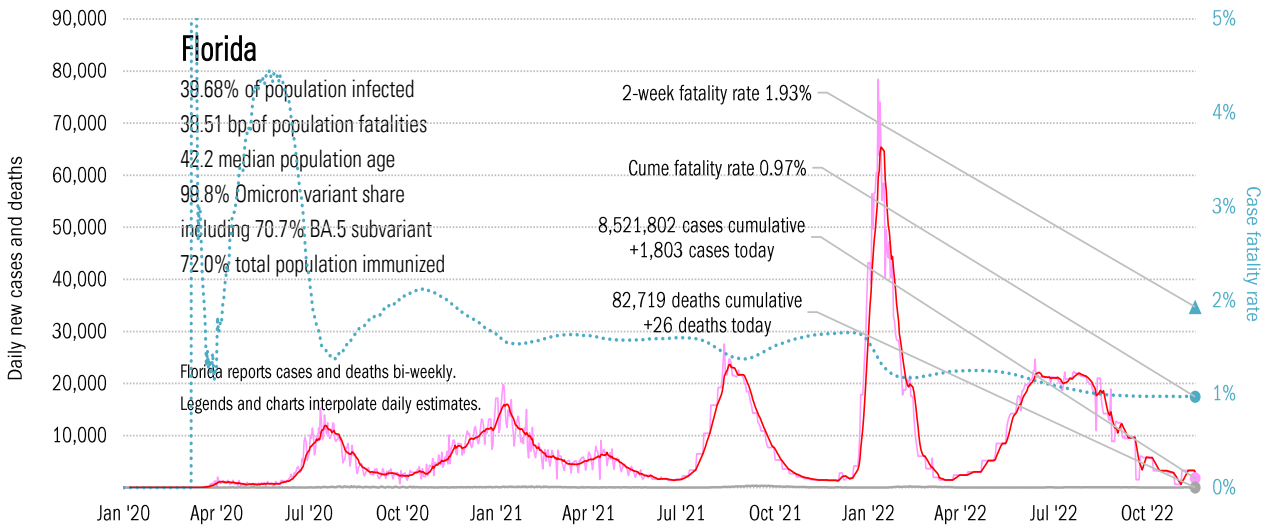
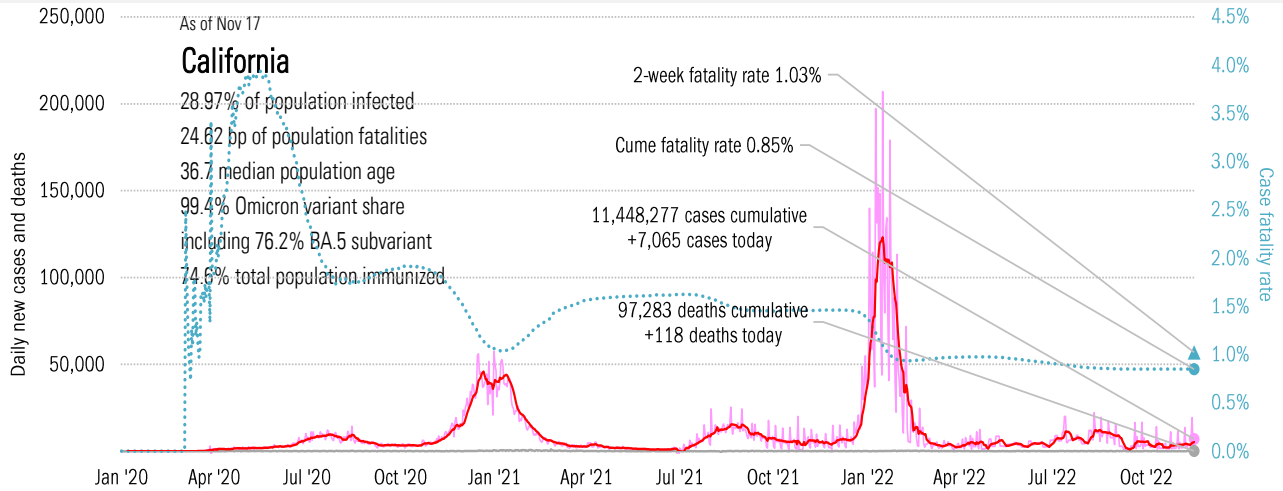
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

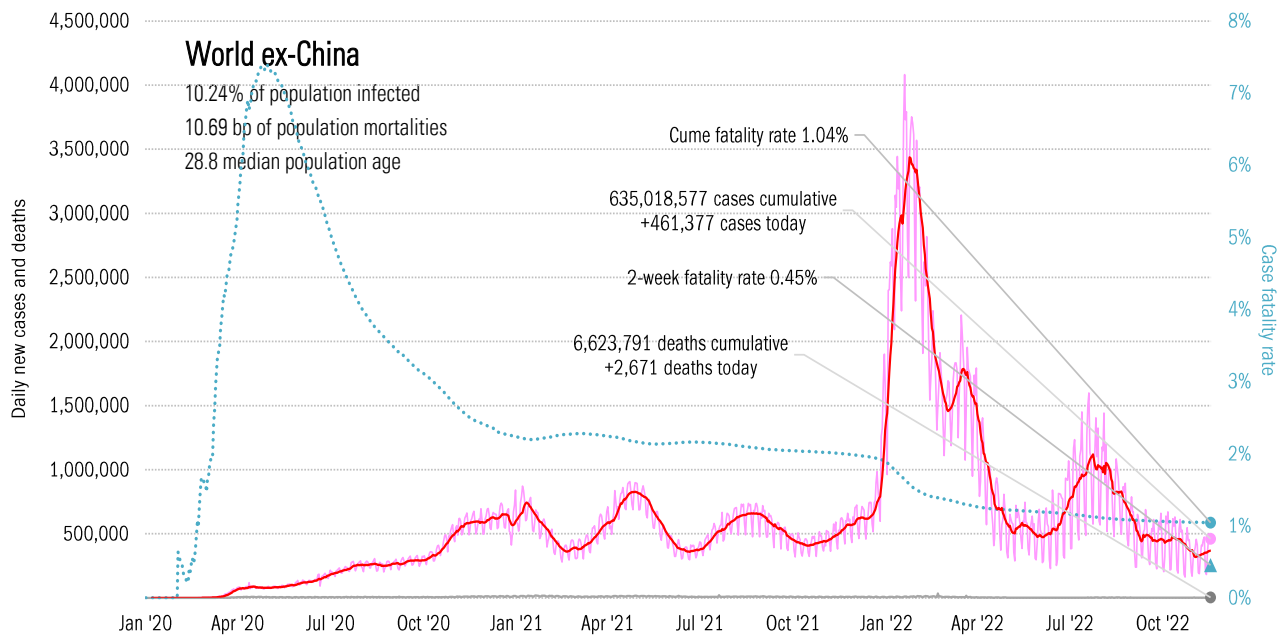
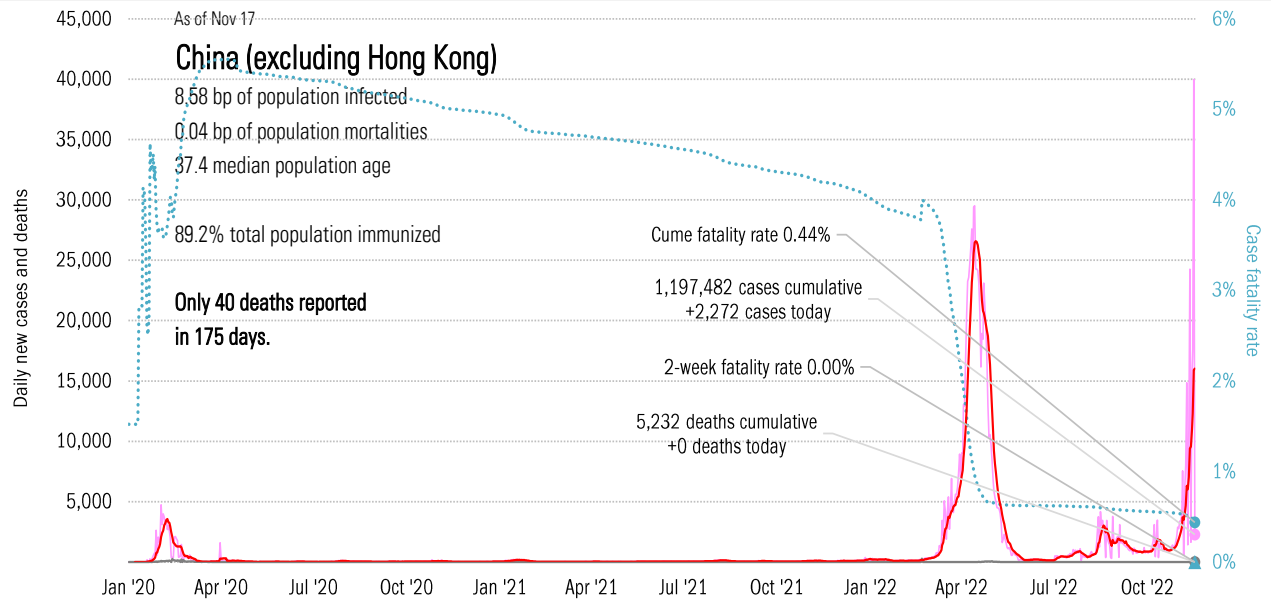
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

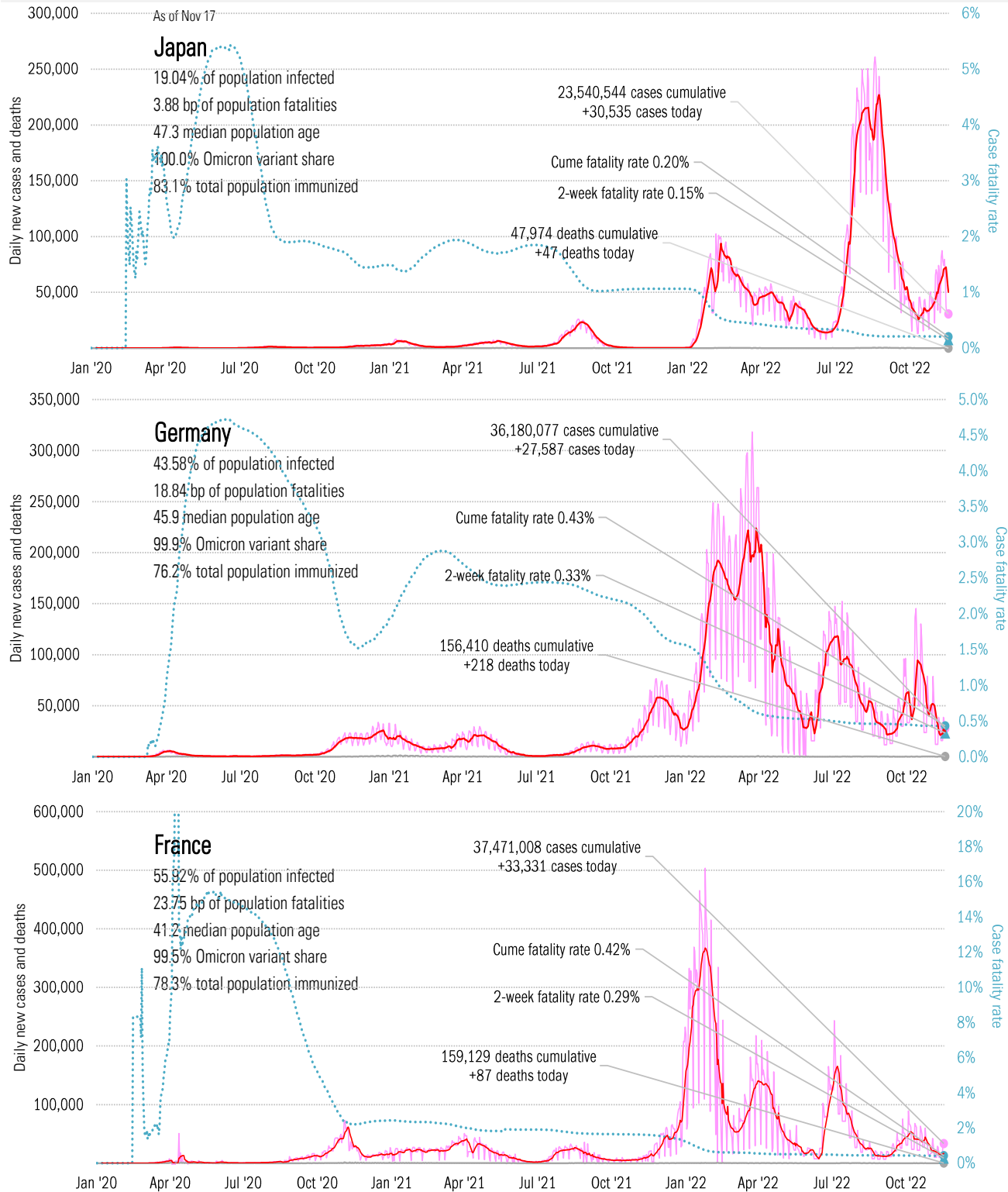
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

Cases: 7-day average and daily Deaths: Daily

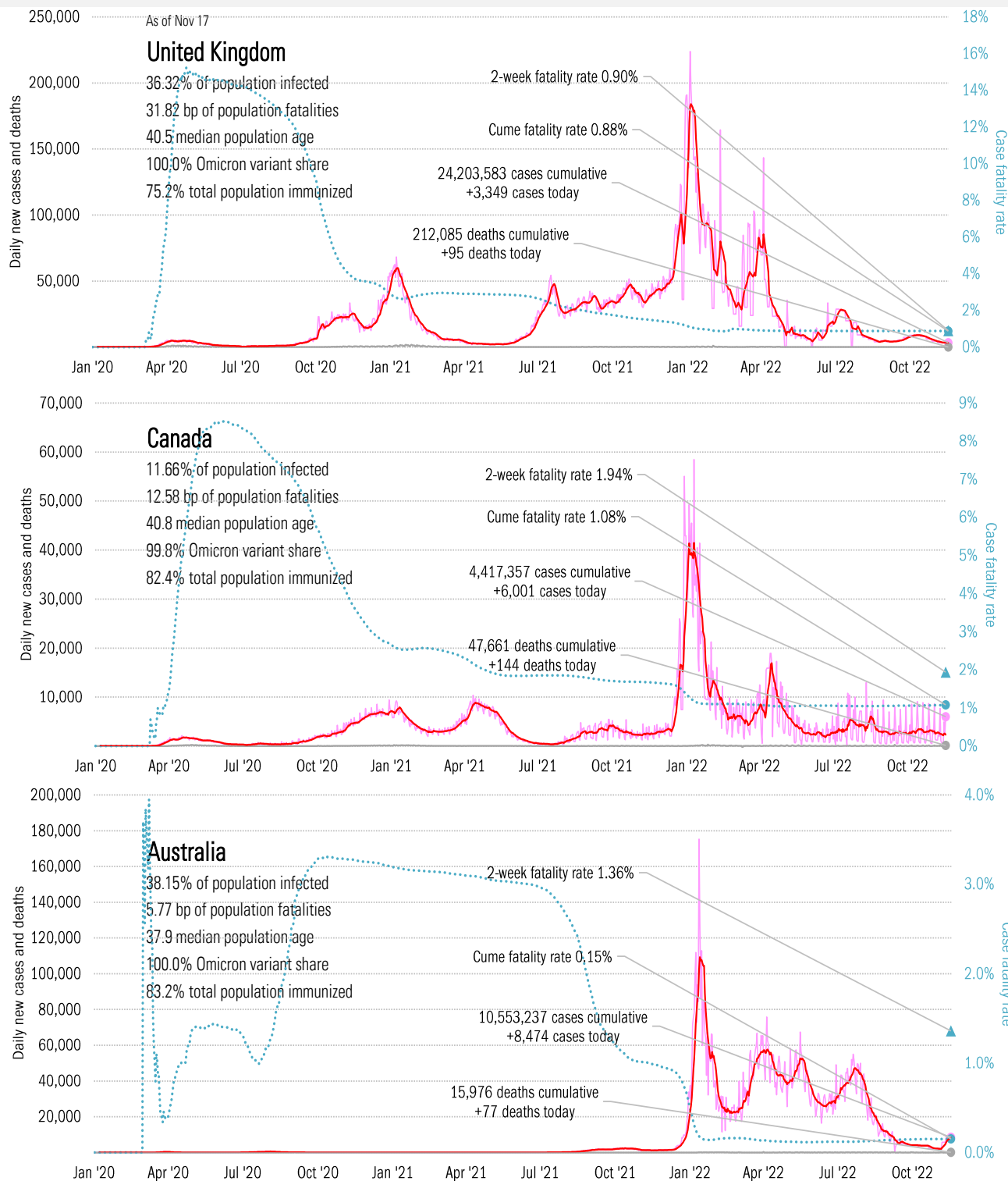


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in The Anglosphere

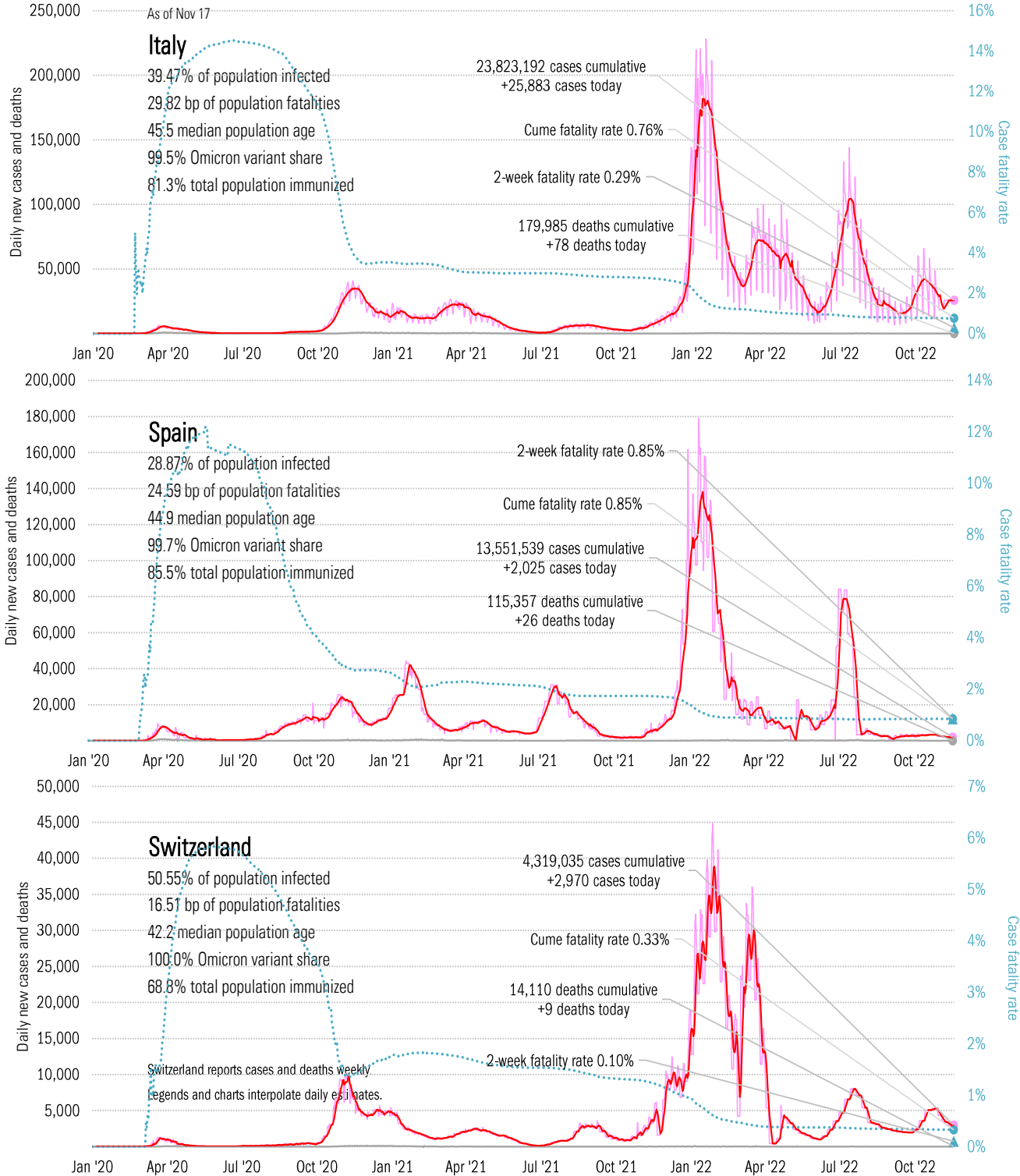
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

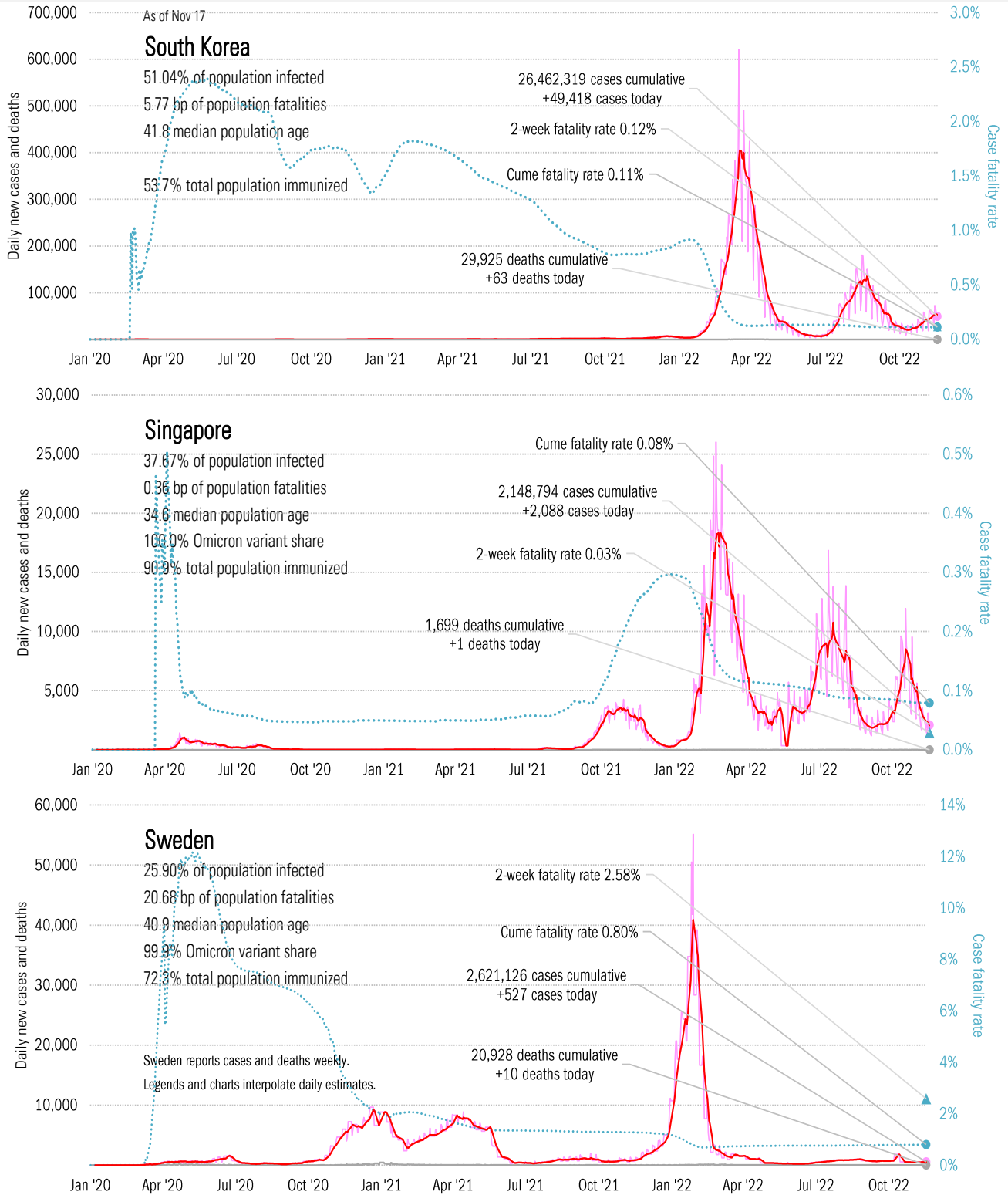
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

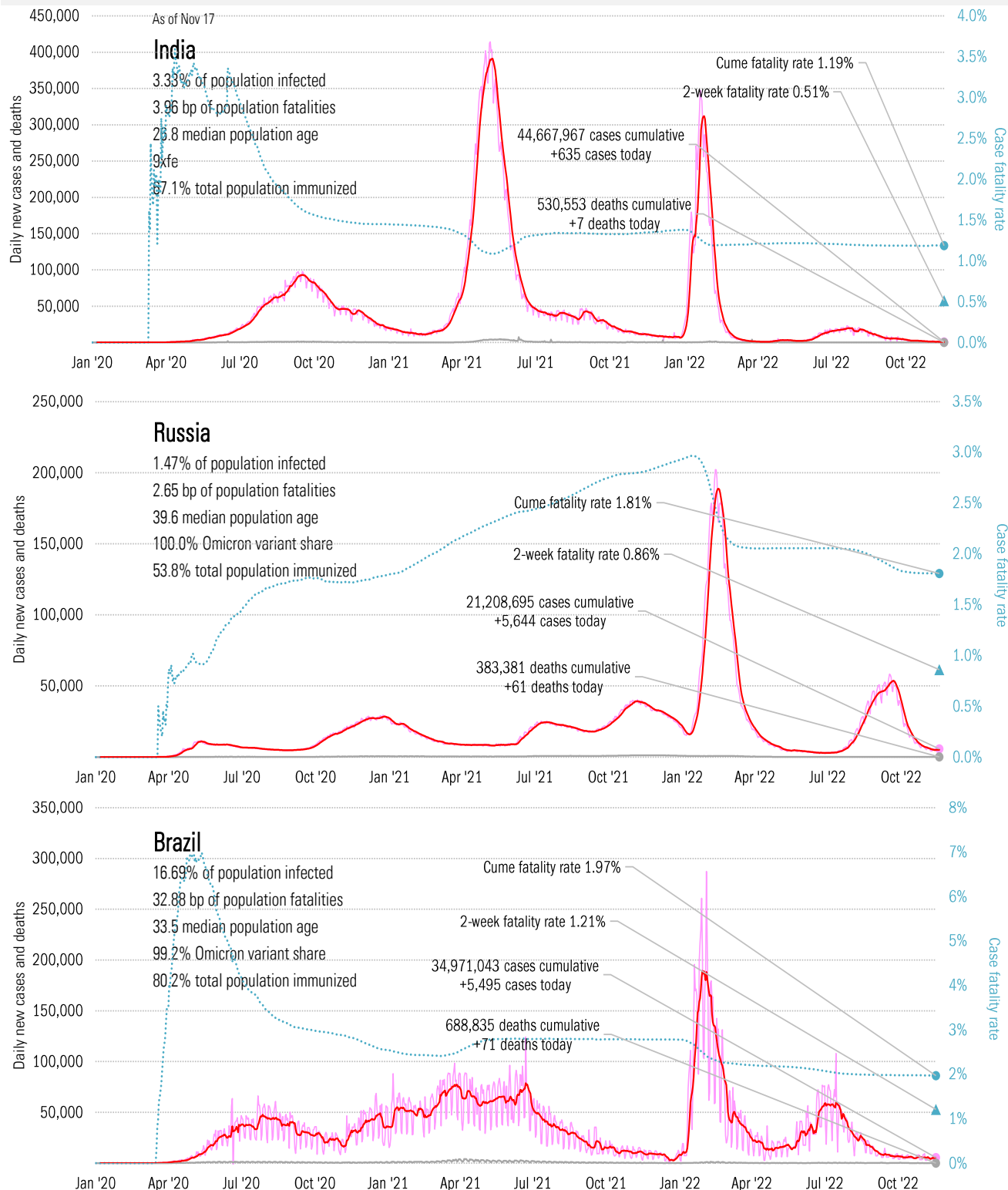
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

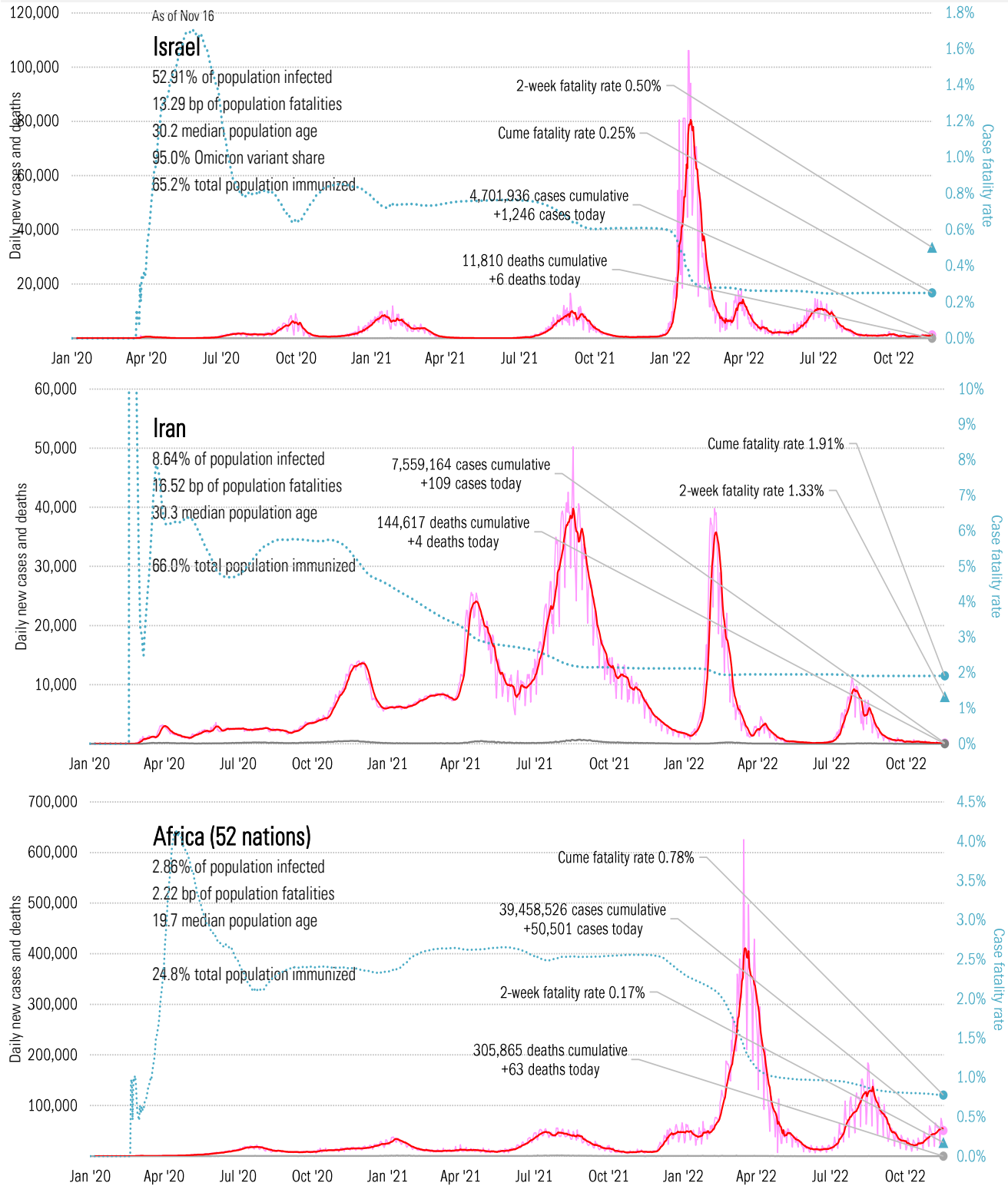
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

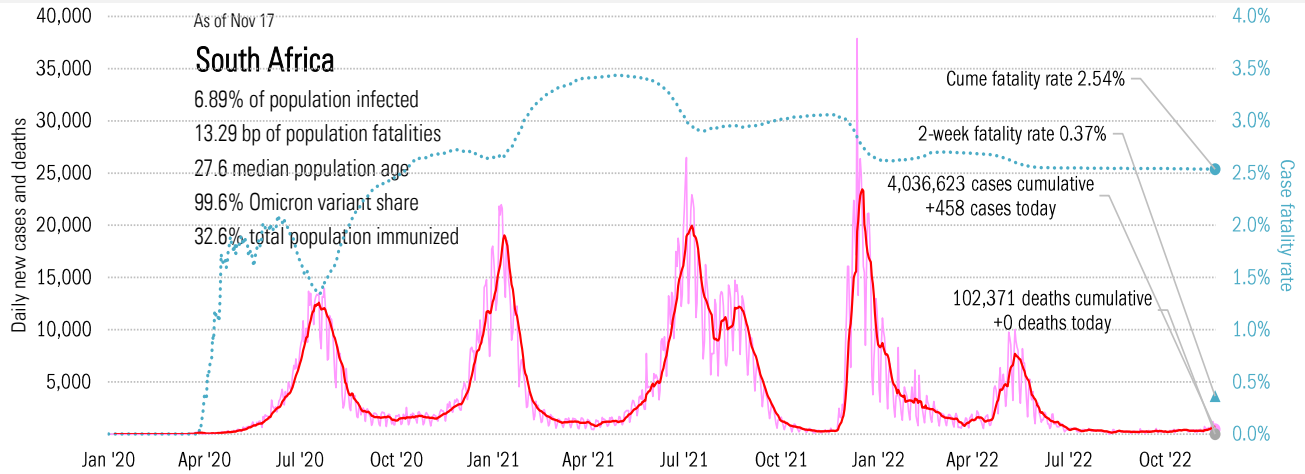
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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