

Data Insights: Covid-2019 Monitor

Wednesday, October 12, 2022

The global scorecard

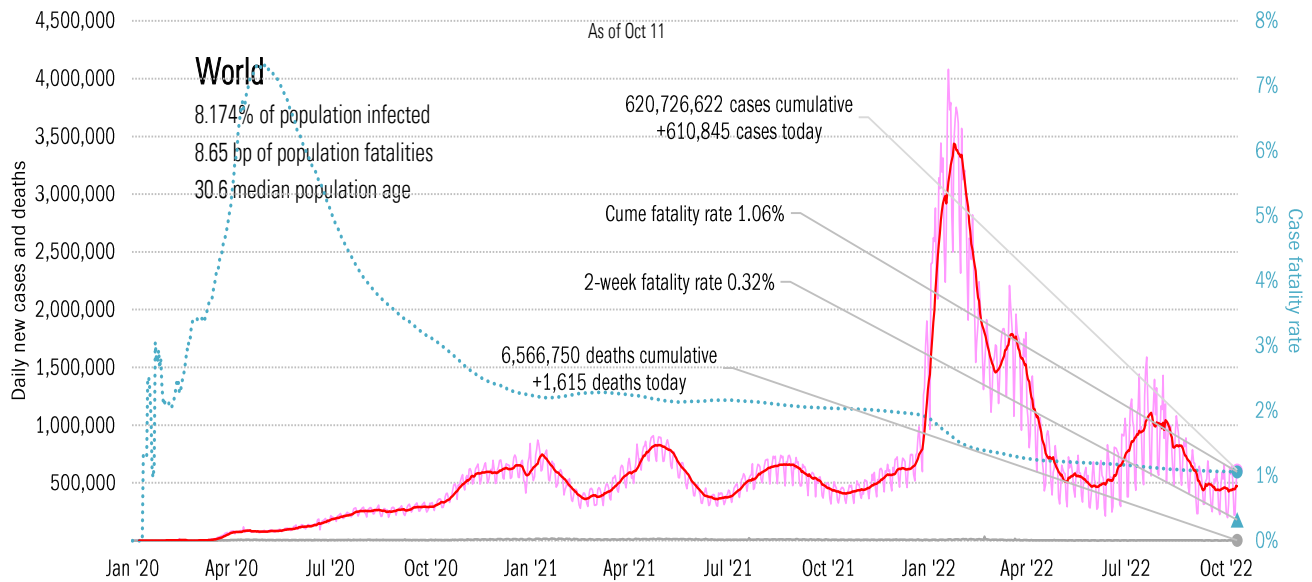
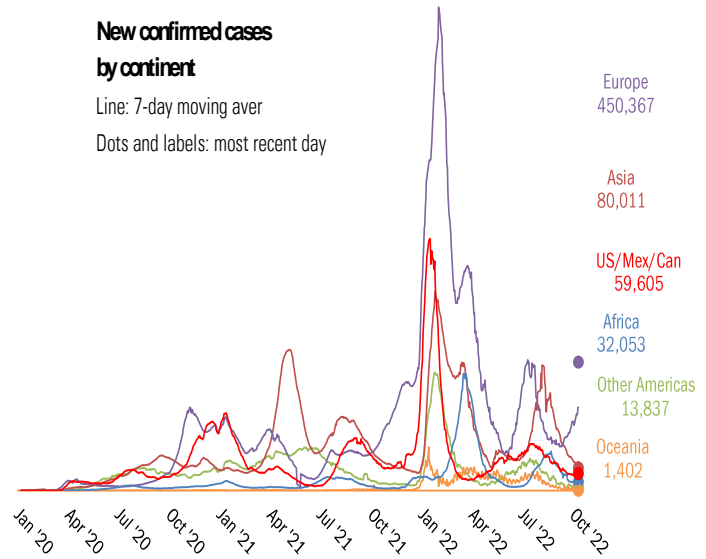
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Germany	136,748	United States	542
France	94,784	Germany	199
Italy	65,917	Greece	113
United States	51,858	Russia	105
Greece	51,427	Brazil	86
Taiwan*	41,408	France	85
Switzerland	35,589	Italy	80
Korea, South	30,503	Poland	45
Russia	13,817	Taiwan*	36
Japan	13,123	Austria	32
535,174		1,323	
World	610,845	World	1,615
Top ten	88%	Top ten	82%

New confirmed cases by continent

Line: 7-day moving aver
 Dots and labels: most recent day



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

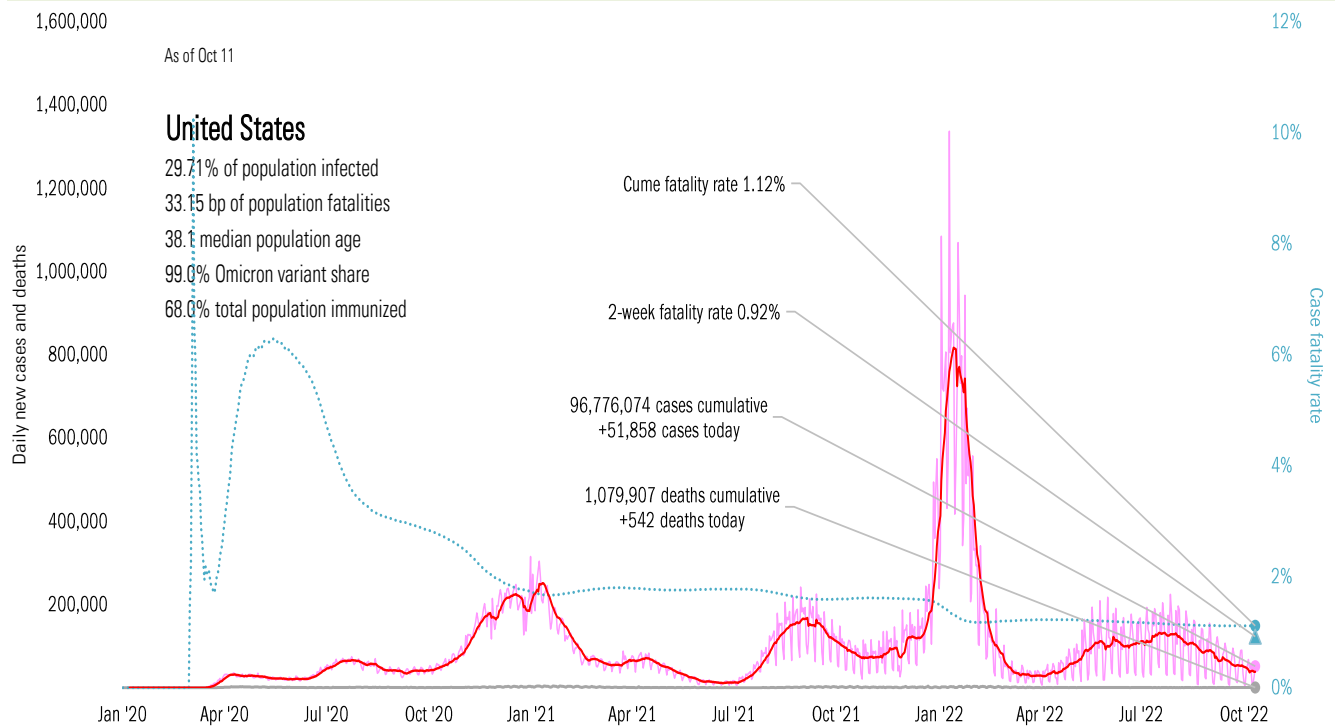
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
NY	8,612		TN	54		CH	150		CA	11,299,943		CA	96,250		TX	547,793		DE	168%	DE	164%
IL	4,504		NC	47		GA	98		TX	8,015,459		TX	91,050		CA	502,659		RI	90%	MA	86%
FL	3,227		NY	44		ID	29		FL	7,172,886		FL	81,827		FL	495,492		MA	87%	RI	85%
CA	3,162		FL	43		NH	24		NY	6,166,548		NY	72,030		NY	303,337		WA	83%	TX	85%
TN	2,713		IN	40		NY	326		IL	3,778,171		PA	47,323		GA	226,527		MN	83%	AK	83%
KY	2,260		CA	33		PA	196		PA	3,267,569		GA	40,374		CH	219,702		GA	82%	NC	81%
MI	1,793		MI	22		CO	37		NC	3,210,837		CH	39,950		PA	205,702		MO	81%	DC	81%
NC	1,710		AR	20		MT	15		CH	3,153,743		IL	39,791		IL	188,065		DC	81%	NH	80%
NJ	1,672		MO	18		NM	20		GA	2,909,760		MI	38,919		MI	163,996		AK	81%	WA	79%
CH	1,428		PA	16		VT	8		MI	2,861,595		NJ	34,792		KY	145,557		SC	80%	GA	79%
31,081			336			903			51,836,511			582,306			2,998,830						
All states	51,858			542			3,004		All states	96,776,074			1,079,907			5,441,635		All states	70%		67%
Top ten	60%			62%			30%		Top ten	54%			55%			55%		Median	73%		71%

Some states not reporting

Five most improved US states

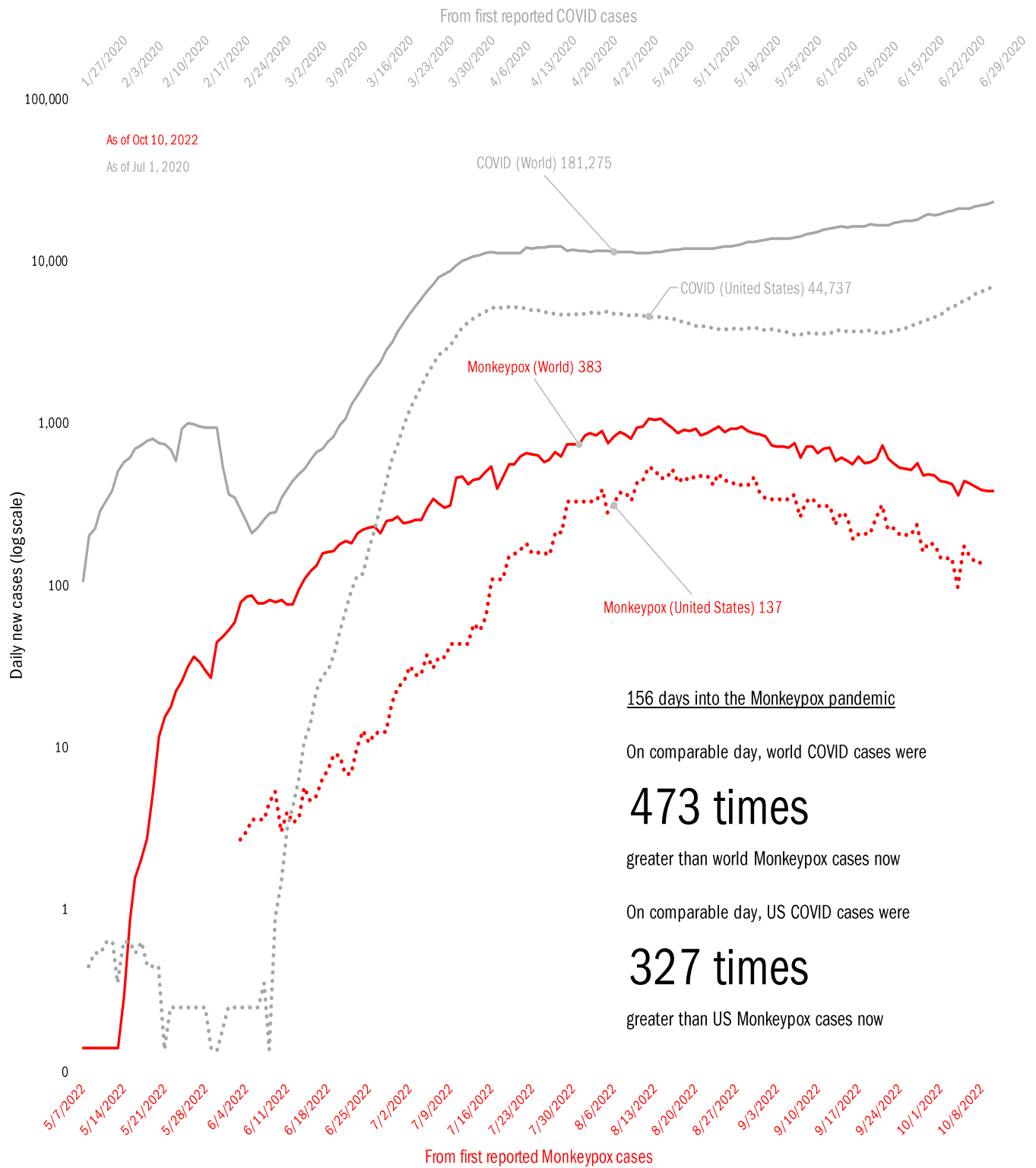
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CA	-4,226	CA	-51	FL	-71
KY	-1,691	TX	-27	VA	-60
TX	-1,000	NM	-4	IL	-58
ME	-387	IL	-3	MN	-39
MO	-284	NE	-3	CA	-36



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

The Monkeypox contextualizer

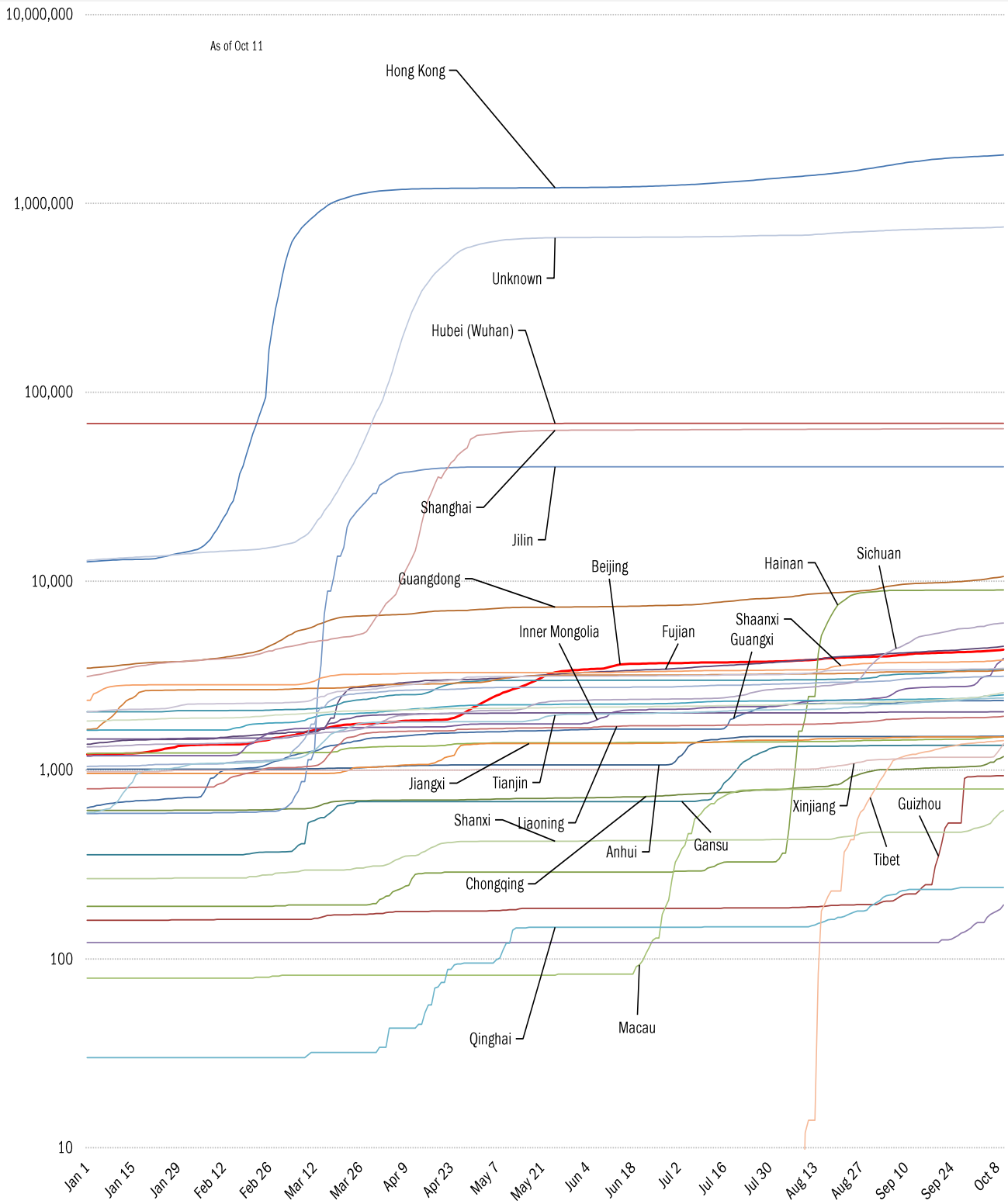
The course of case growth versus COVID



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

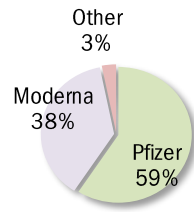
Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	639,829,441	+0.646 million	US	68.0%	79.7%
of which boosters	112,806,473	+0.097 million	UK	75.4%	80.0%
	One dose	% Pop	Immune	% pop	New immune today
Total population	272,769,462	82%	232,566,440	70%	+0.103 million
Age 12 to 17	18,239,142	72%	15,598,069	62%	+0.005 million
Age 18 to 64	181,807,769	89%	154,688,903	76%	+0.070 million
Age 65 and over	60,054,982	100%	52,589,623	96%	+0.018 million

France	78.7%	80.9%
Spain	85.6%	87.0%
Germany	76.1%	77.7%
Italy	81.0%	85.8%
Australia	84.0%	86.6%
Israel	66.2%	72.3%
Canada	82.8%	87.6%
Japan	82.6%	83.6%
Africa	23.3%	29.4%
India	67.4%	72.9%
Brazil	80.4%	87.4%
China	89.2%	91.4%

Global data differs due to sources, timing



State
AK
71.8%
64.3%

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

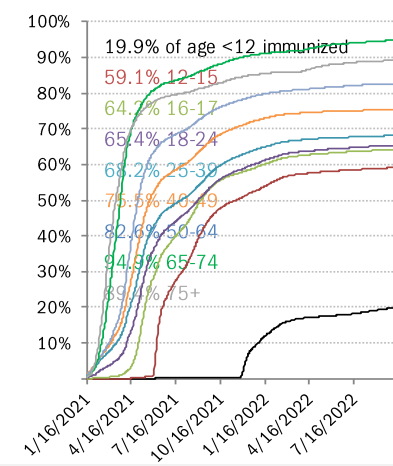
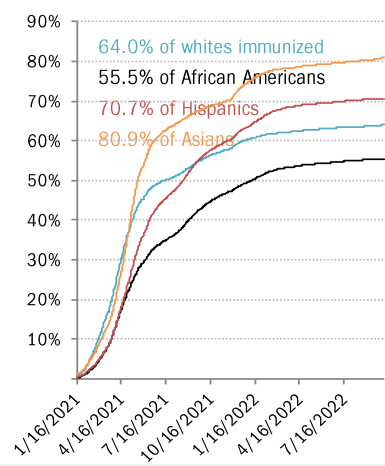
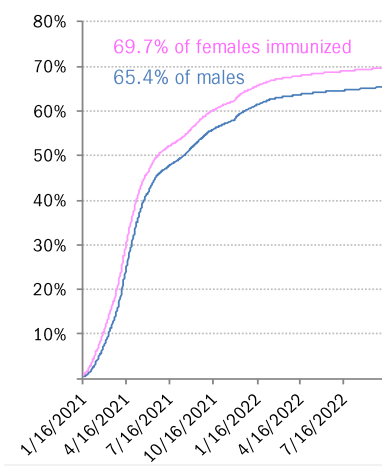
"Immunity" = two doses

Best
Middle
Worst

As of Oct 7

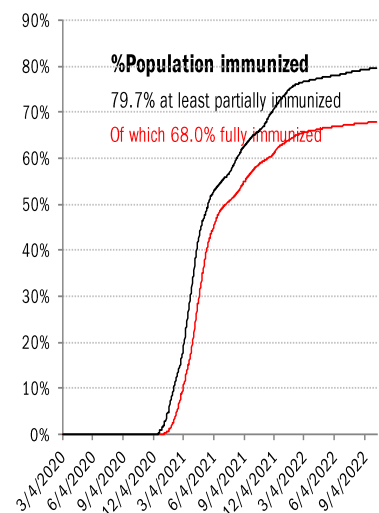
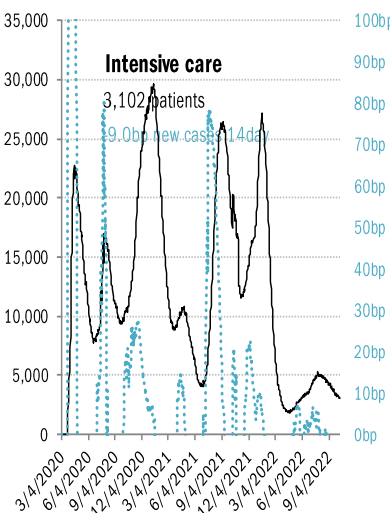
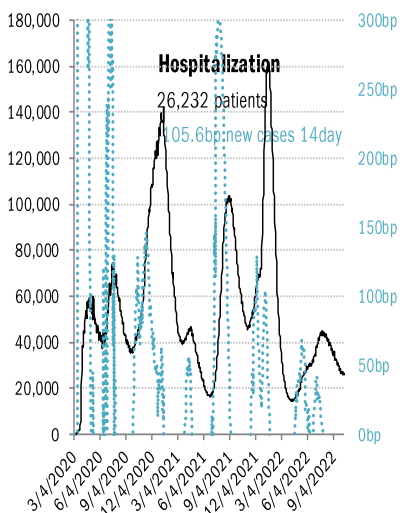
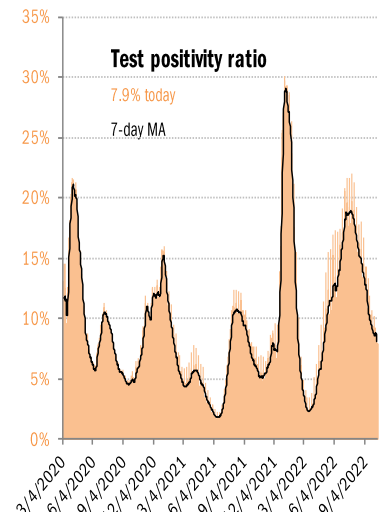
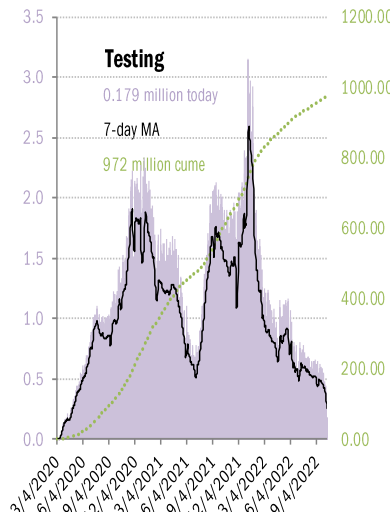
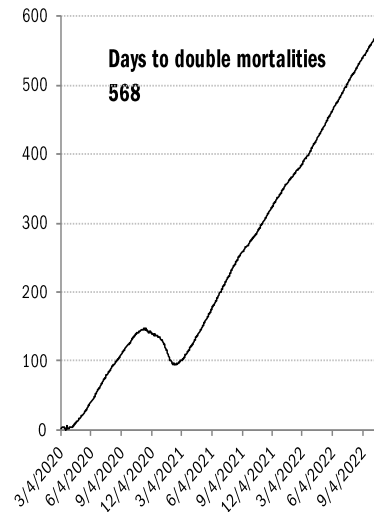
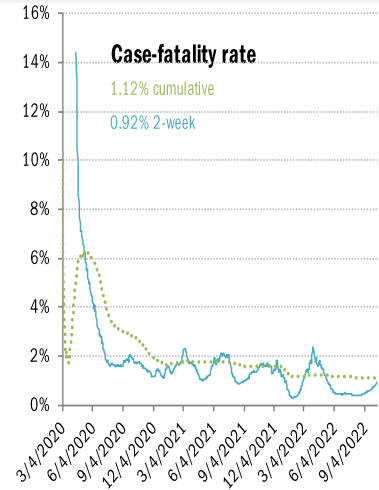
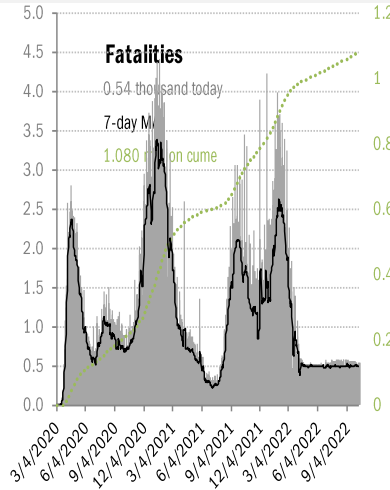
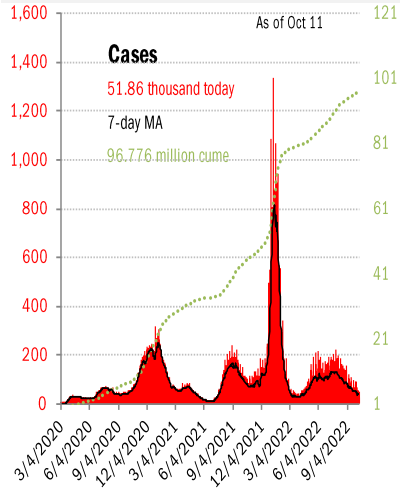
WI	73.6%	ME	93.8%
	67.0%		81.8%
WA	83.4%	ID	62.8%
	74.5%	MT	66.9%
		ND	67.6%
		MN	77.3%
		IL	77.9%
		MI	68.5%
OR	79.9%	NV	77.4%
	71.1%	WY	59.6%
		SD	80.4%
		IA	69.5%
		IN	63.4%
		OH	64.8%
CA	84.6%	UT	74.1%
	74.0%	CO	82.0%
		NE	72.1%
		MO	68.0%
		KY	67.8%
		WV	66.6%
		VA	88.5%
		MD	89.6%
		CT	95.0%
		RI	95.0%
		AZ	76.1%
		NM	91.2%
		KS	74.6%
		AR	68.6%
		TN	63.7%
		NC	88.6%
		SC	69.7%
		DC	95.0%
		DE	86.0%
		OK	73.2%
		LA	62.2%
		MS	61.1%
		AL	64.2%
		GA	67.2%
HI	89.9%	TX	74.9%
	80.3%		62.3%
		FL	81.3%
			68.5%
		PR	95.0%
			85.5%

The demographics of US vaccination

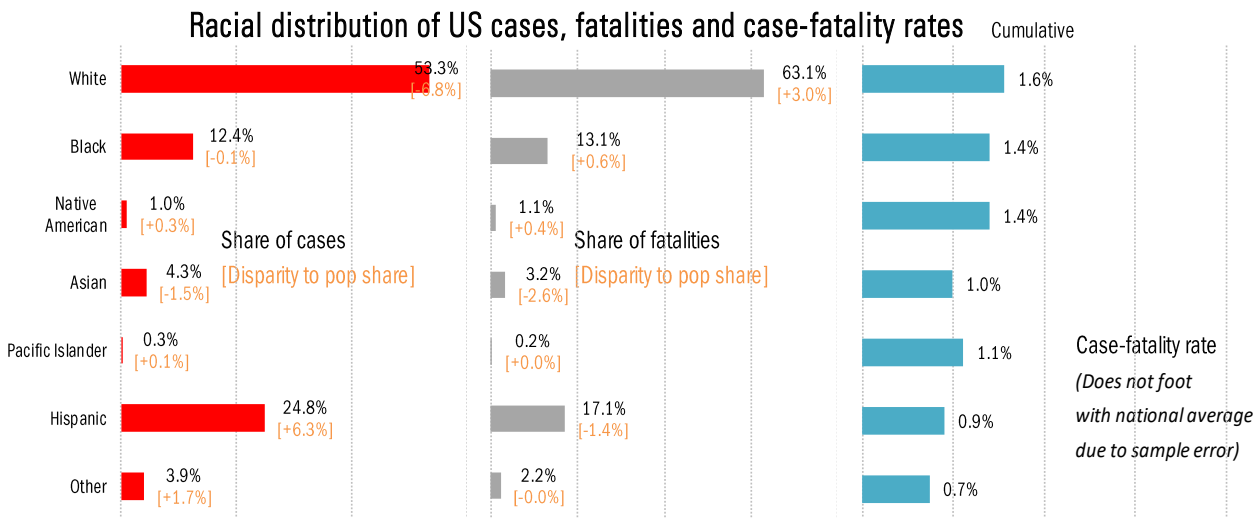
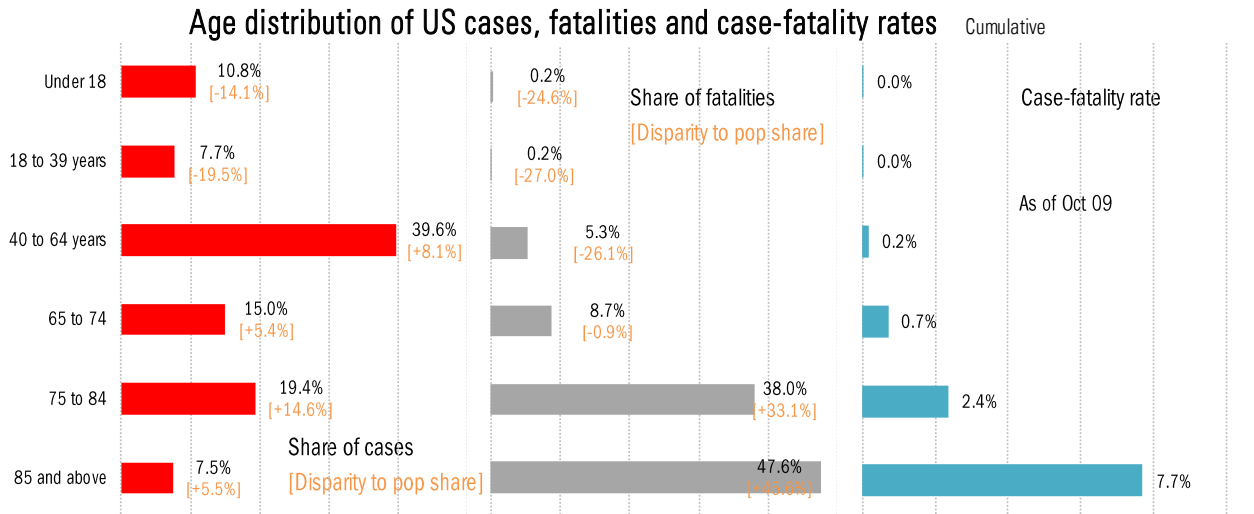


Source: CDC, CDC, Our World in Data, TrendMacro calculations

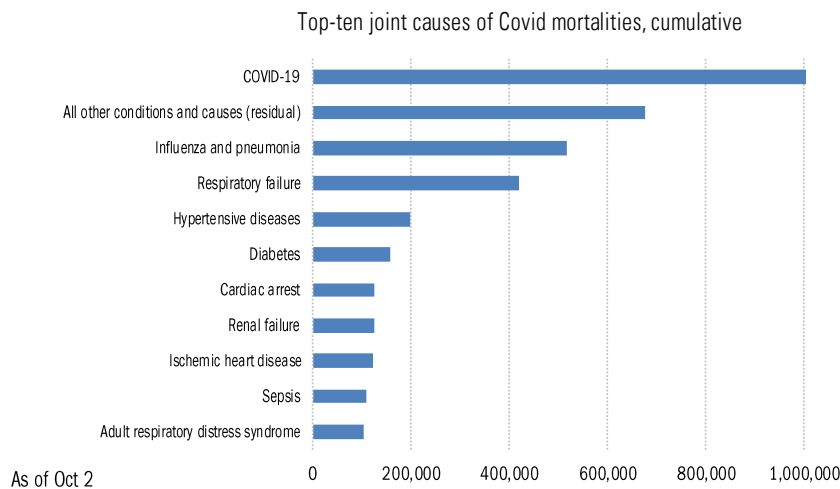
US deep-dive



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

[European Member of Parliament Breaks Bombshell About Pfizer Exec's Confession to Him About the Vaccines](#)

Kyle Becker
Wildfire Newsletter
October 11, 2022

[Self-isolated: China's lonely zero-COVID battle in spotlight as Xi seeks third term](#)

Nikkei Asia
October 11, 2022

[Millions of low-income Americans still eligible for COVID stimulus, watchdog says](#)

Tobias Burns
The Hill
October 11, 2022

[Ebola Will Spread if Resources Are Not Brought to Bear](#)

Amesh Adalja
MedPage Today
October 8, 2022

[Ebola Outbreak in Uganda: CDC Says America Needs to Be Ready](#)

Korin Miller
Prevention
October 10, 2022

[Statue of Liberty's crown to reopen for first time since COVID-19](#)

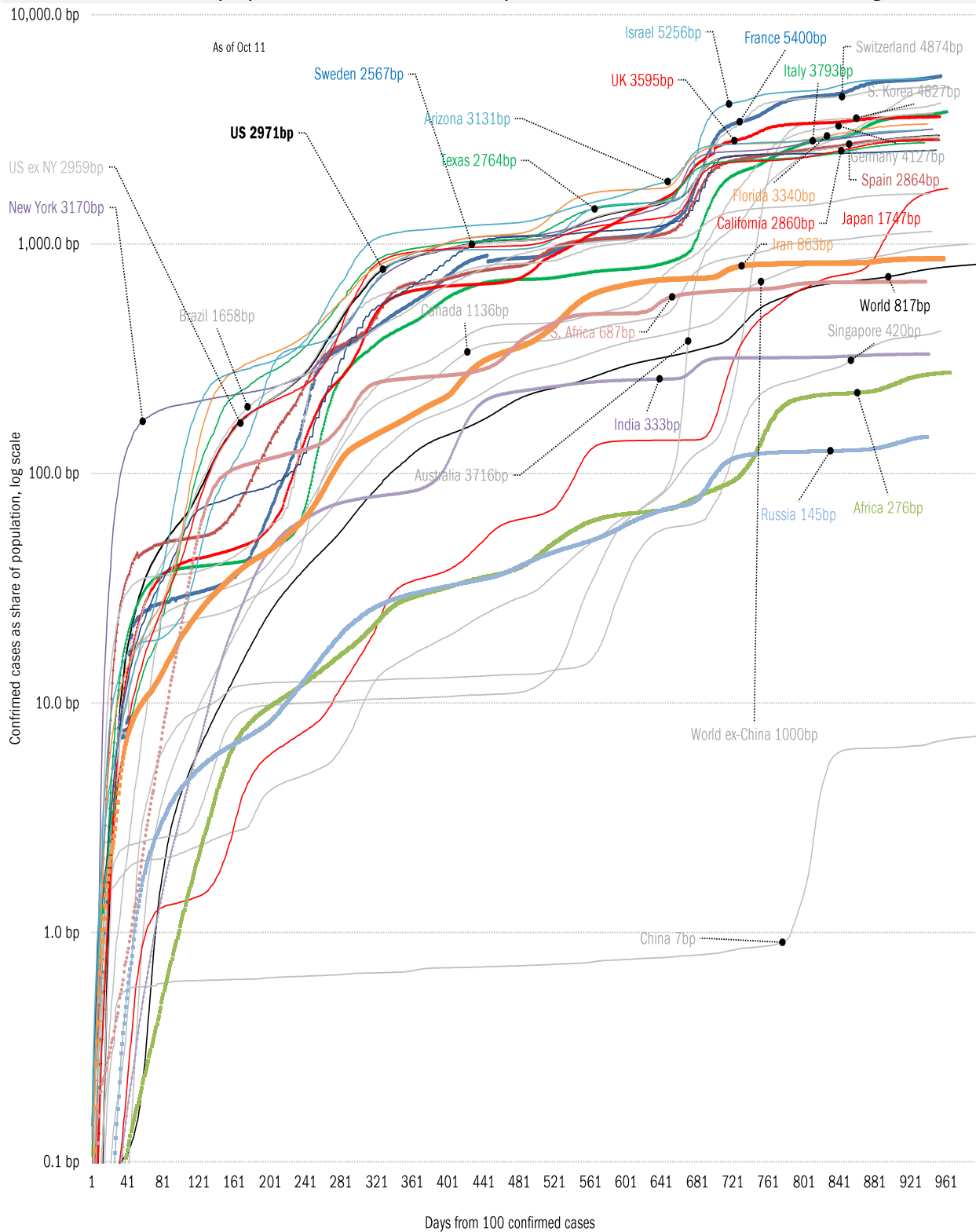
Aaron Feis
Pix11
October 11, 2022

Meme of the day



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

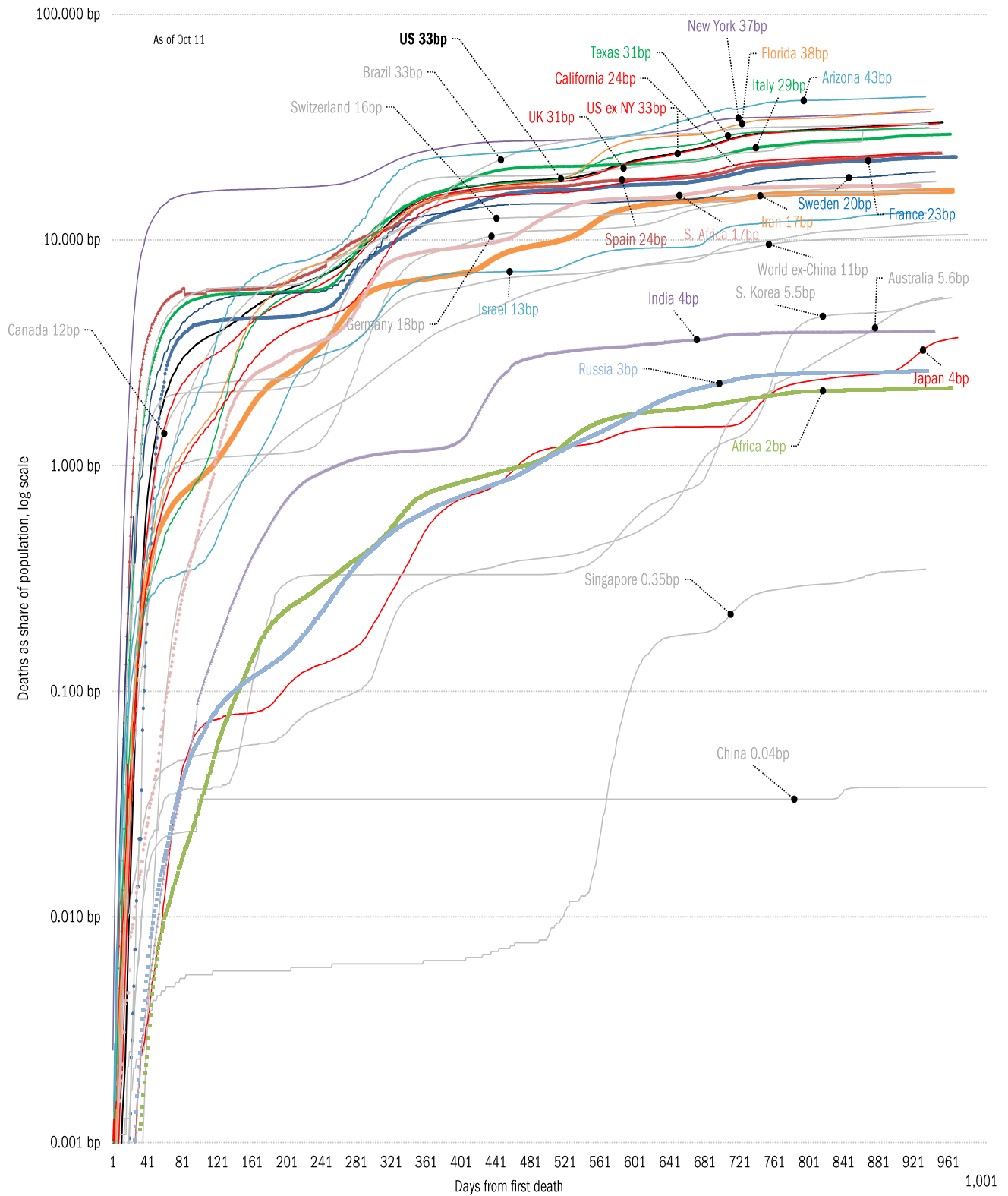
The global coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

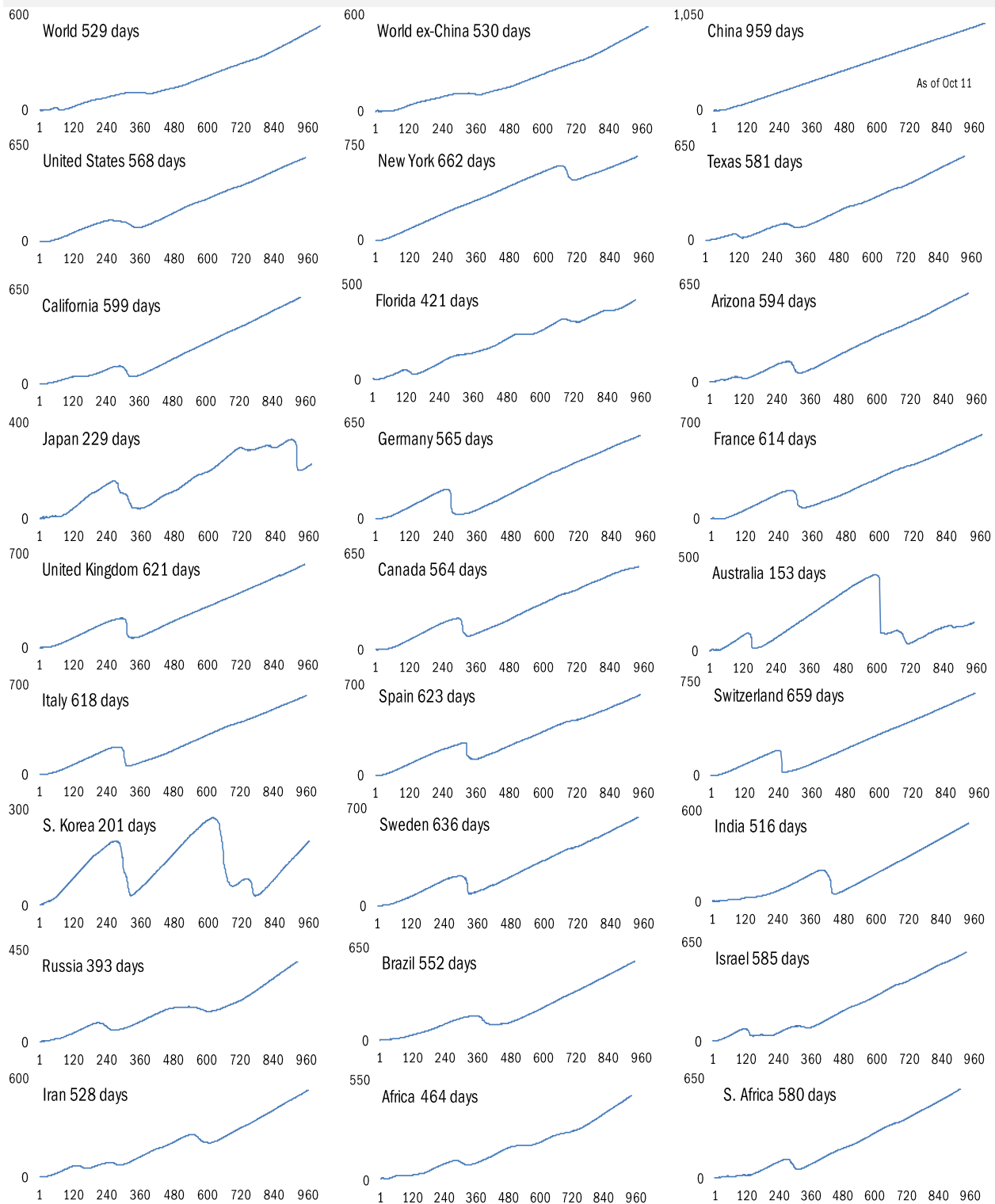


Source: [Johns Hopkins](#), TrendMacro calculations

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

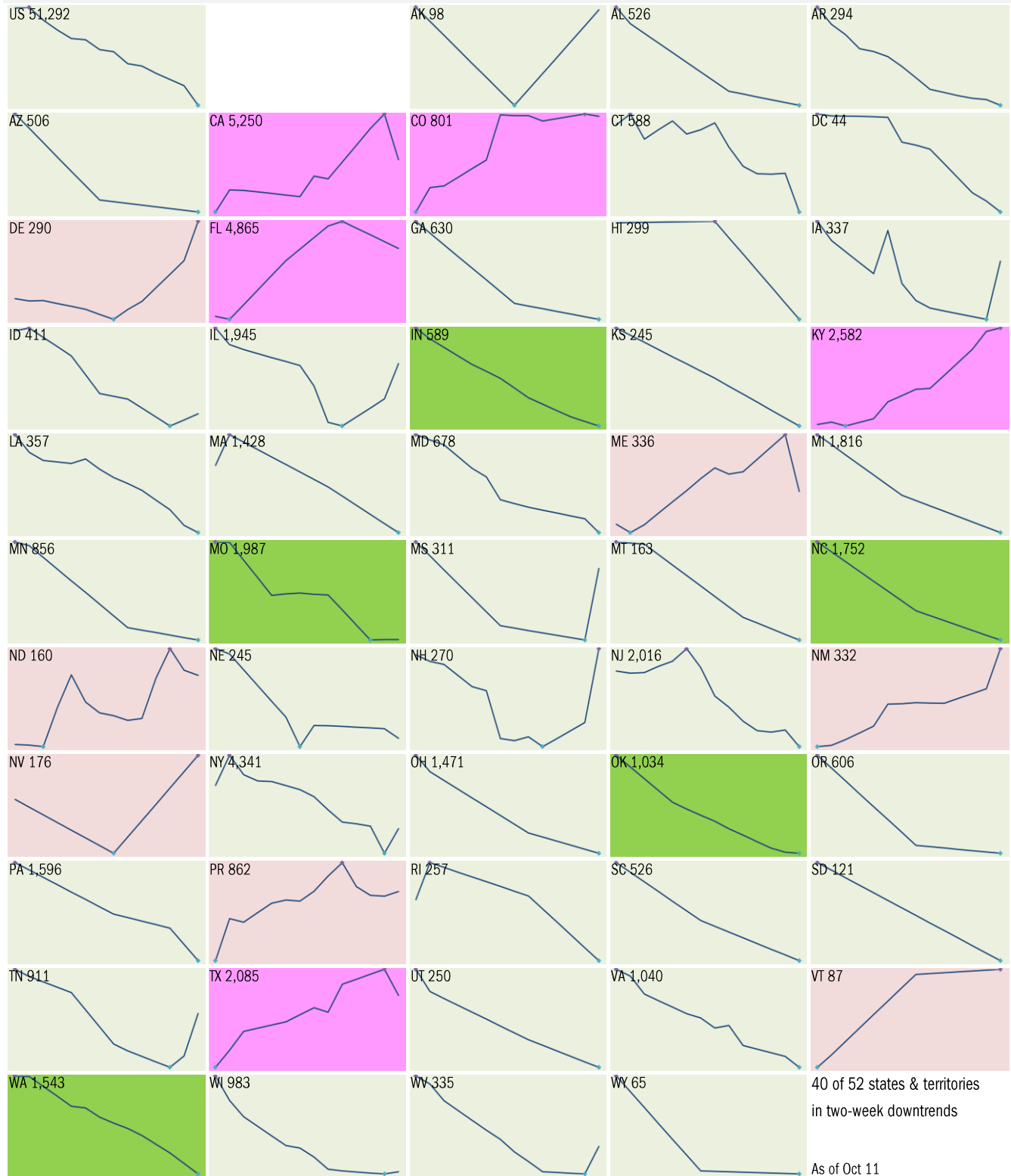


Source: [Johns Hopkins](#), TrendMacro calculations

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

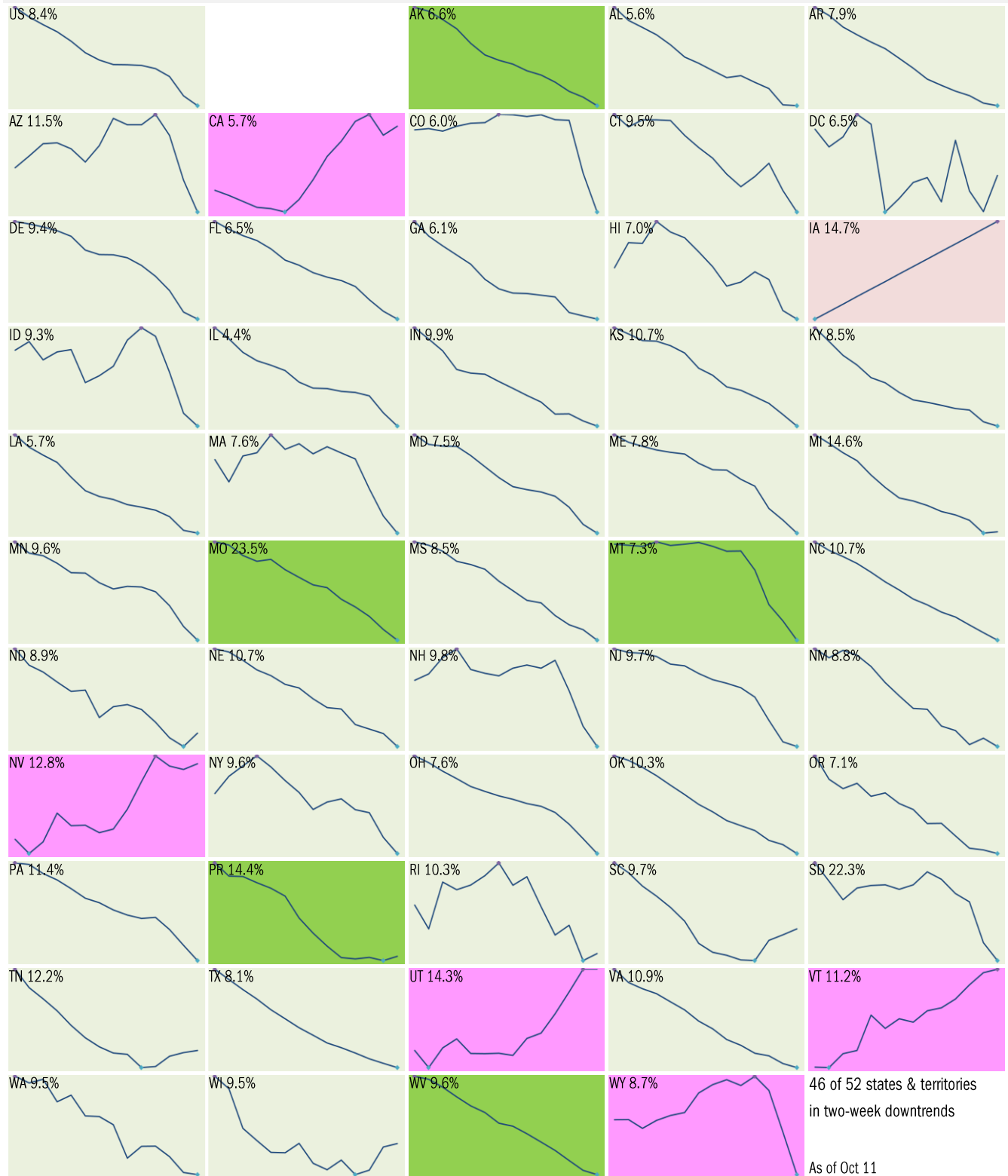


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

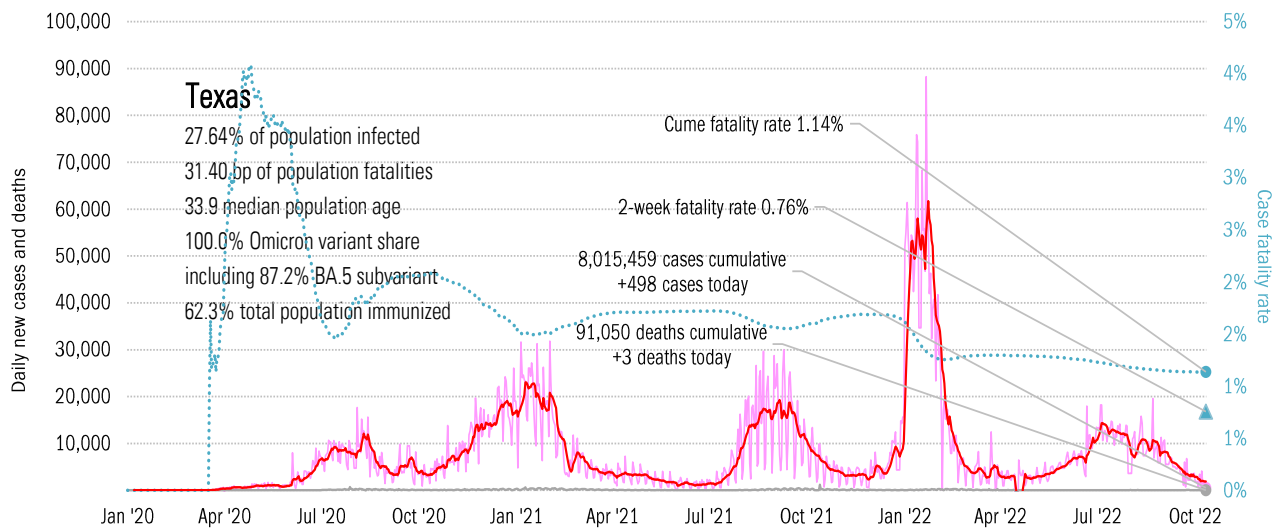
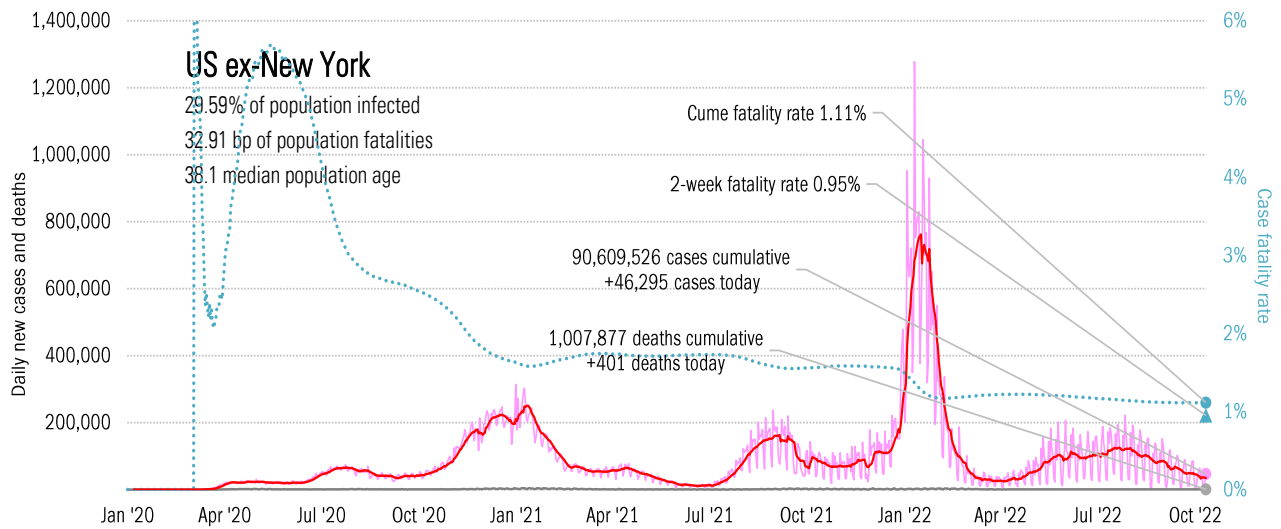
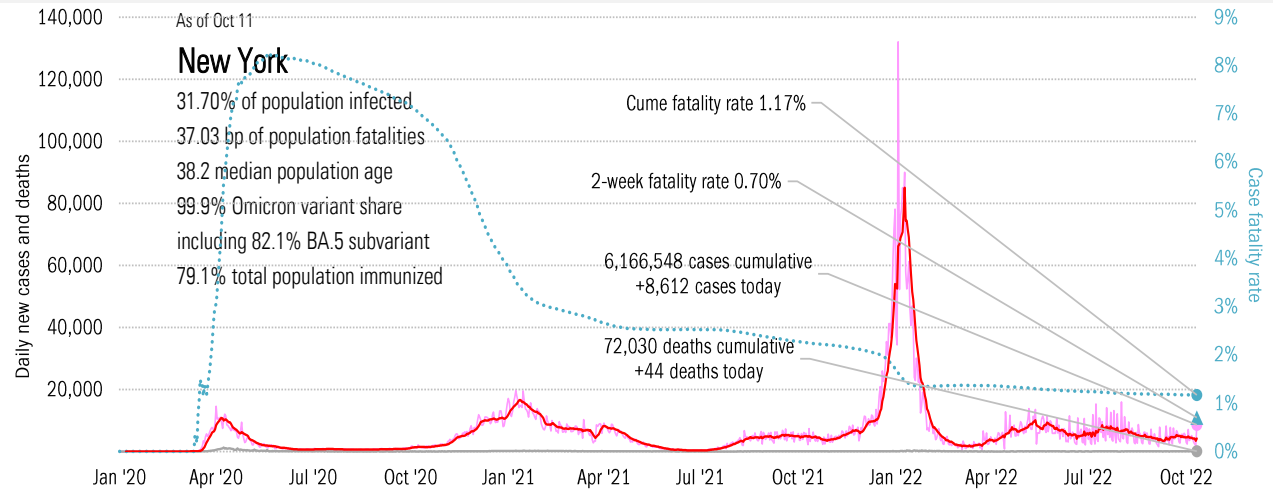
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

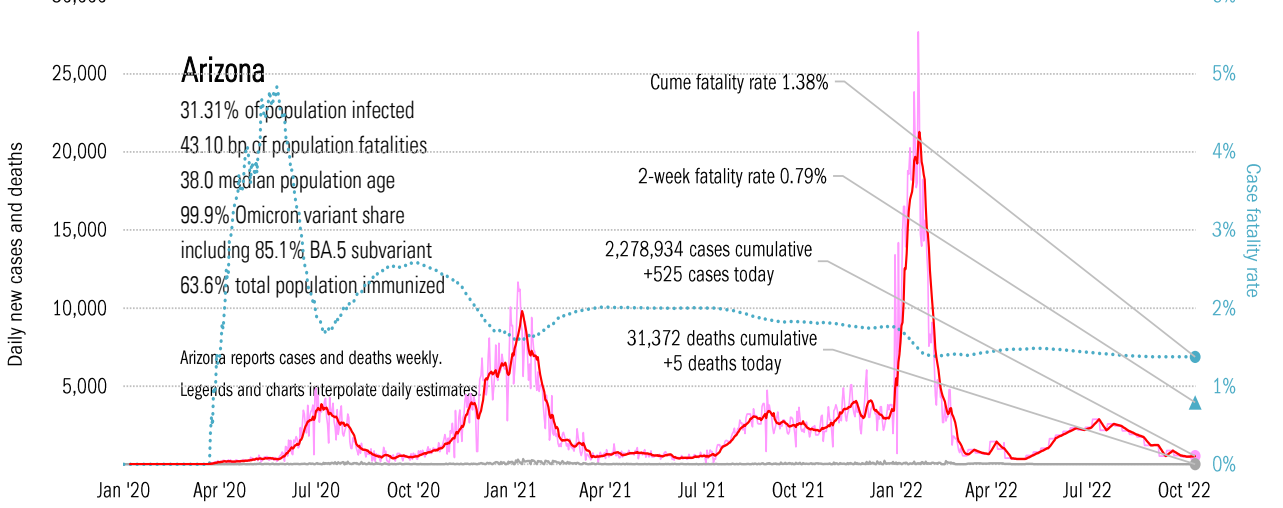
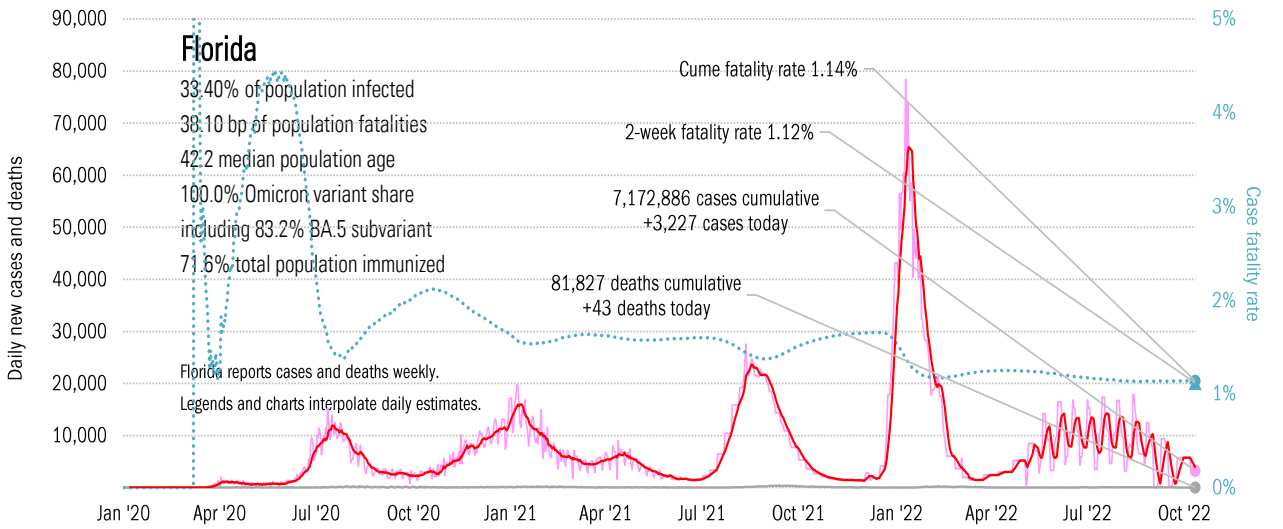
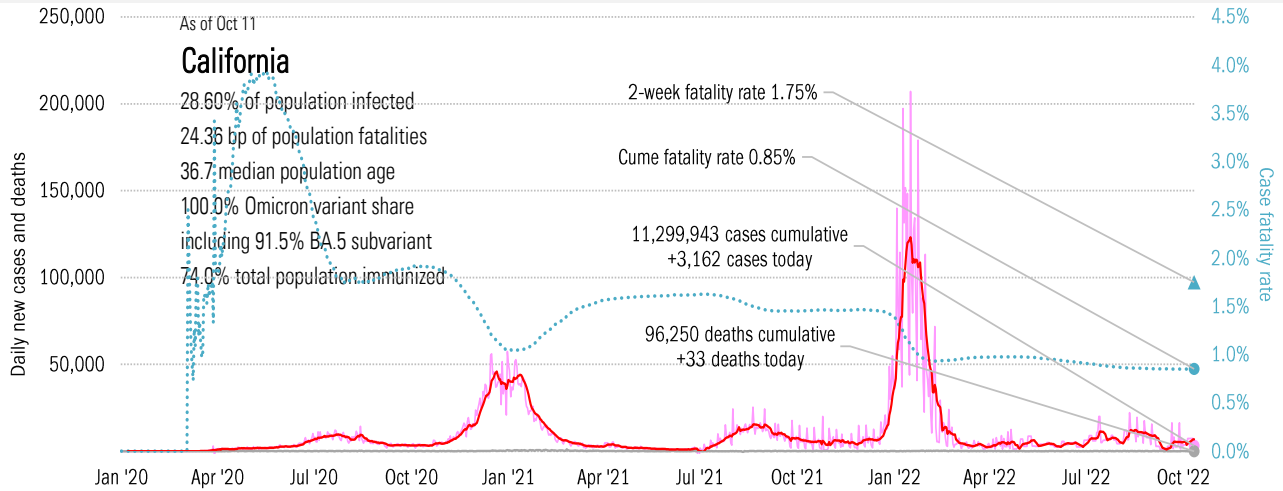
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

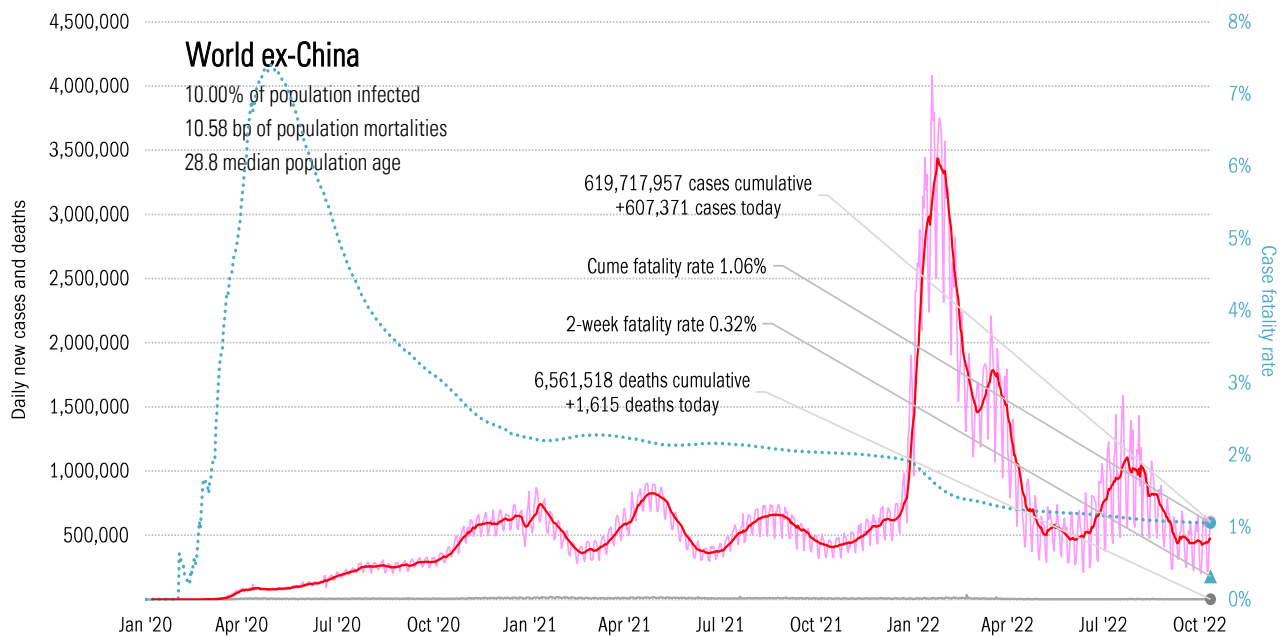
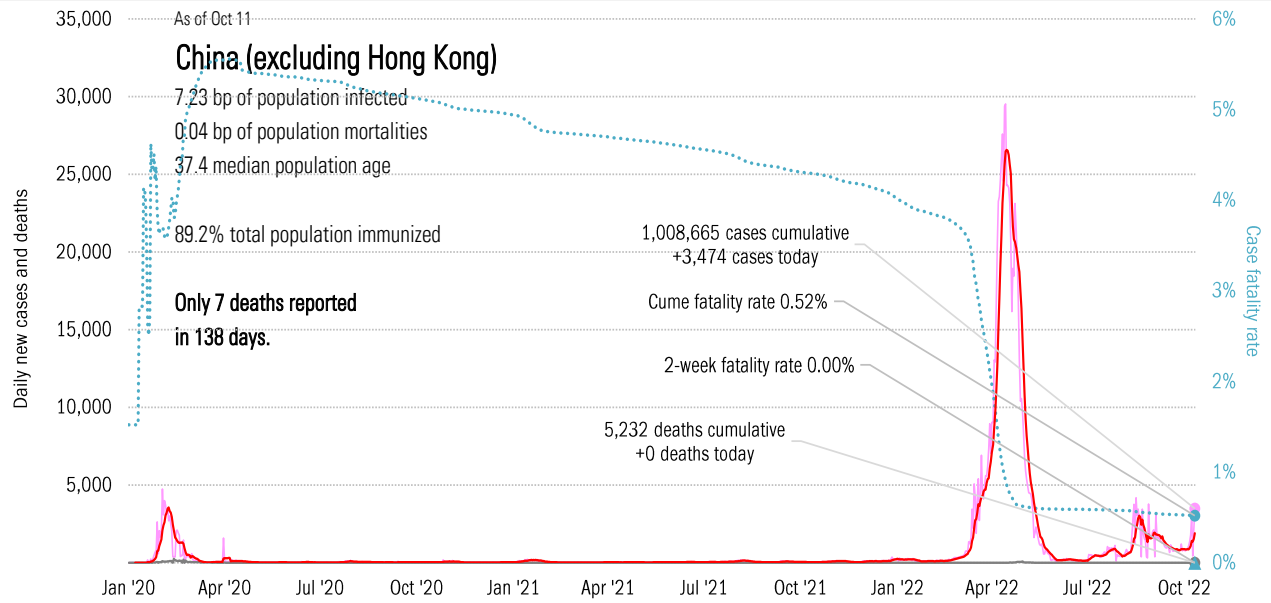
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

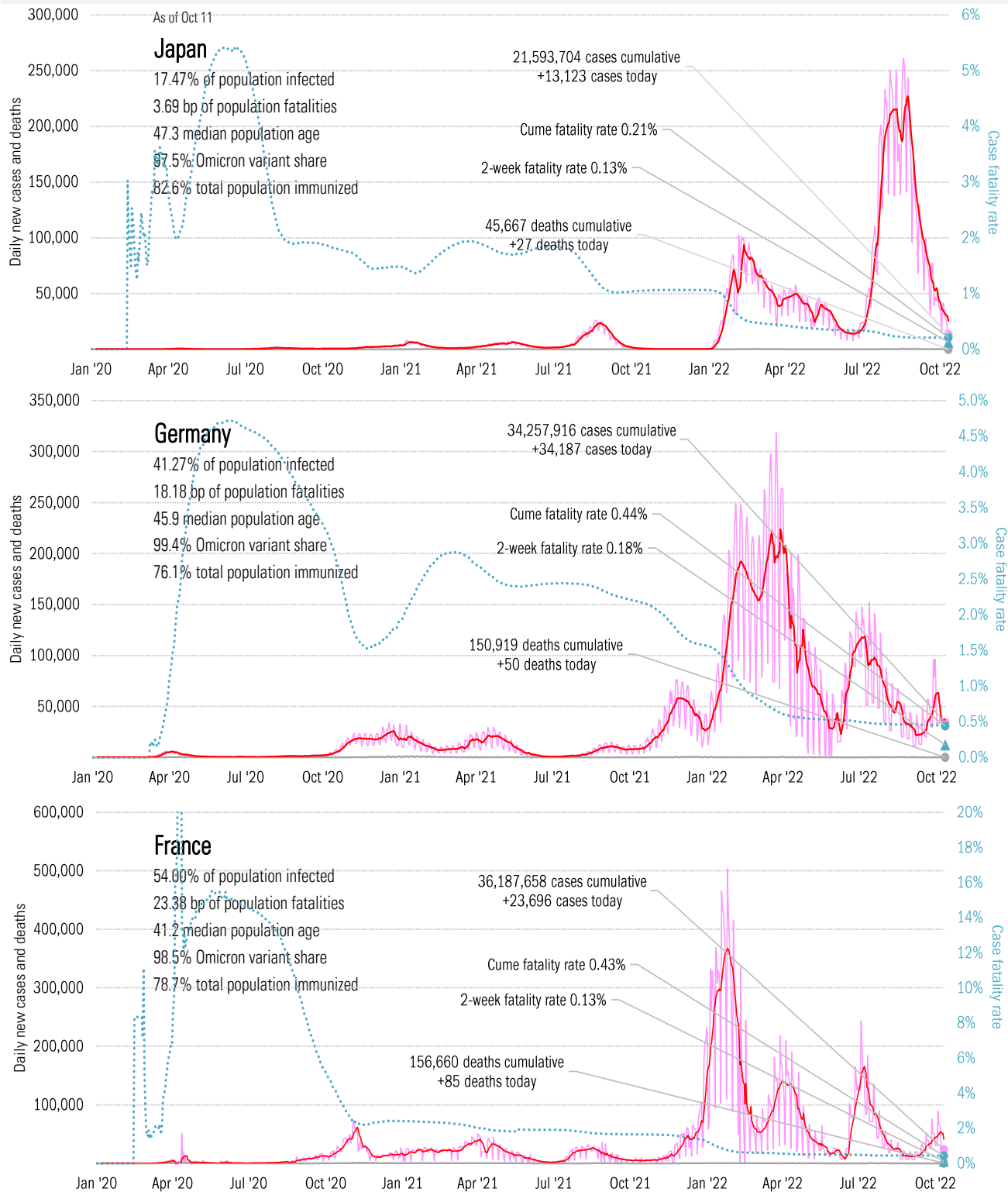
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

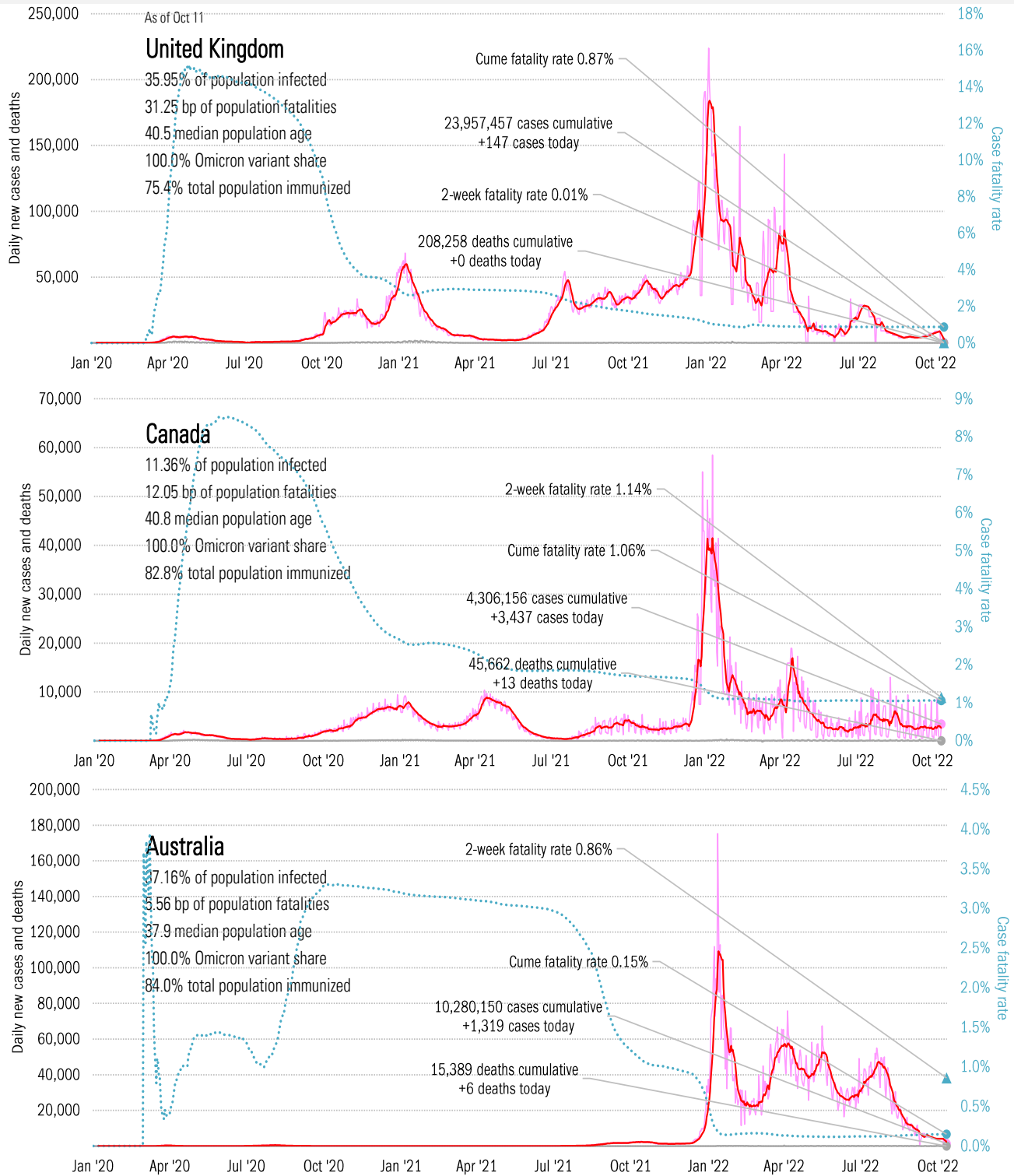
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

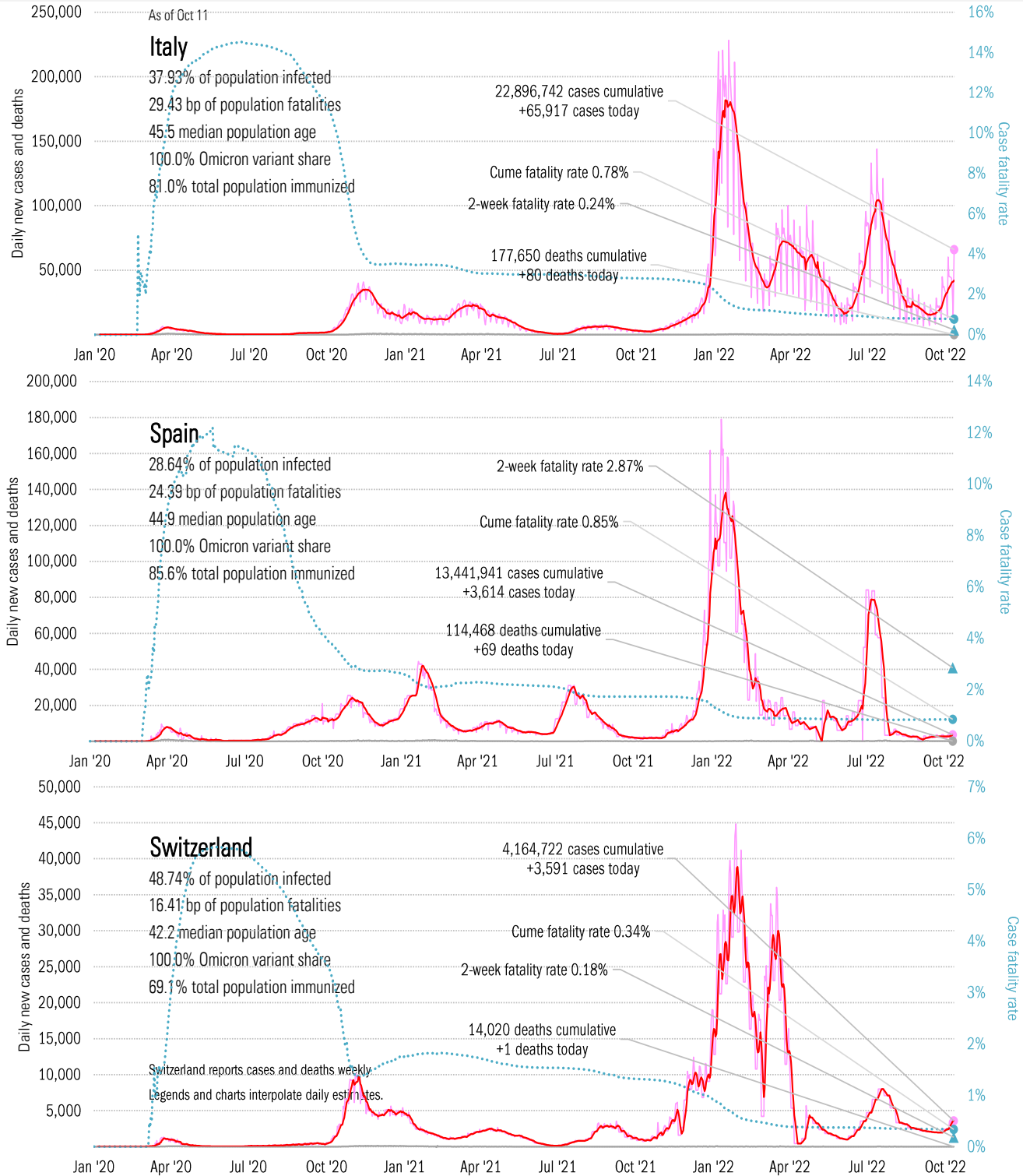
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

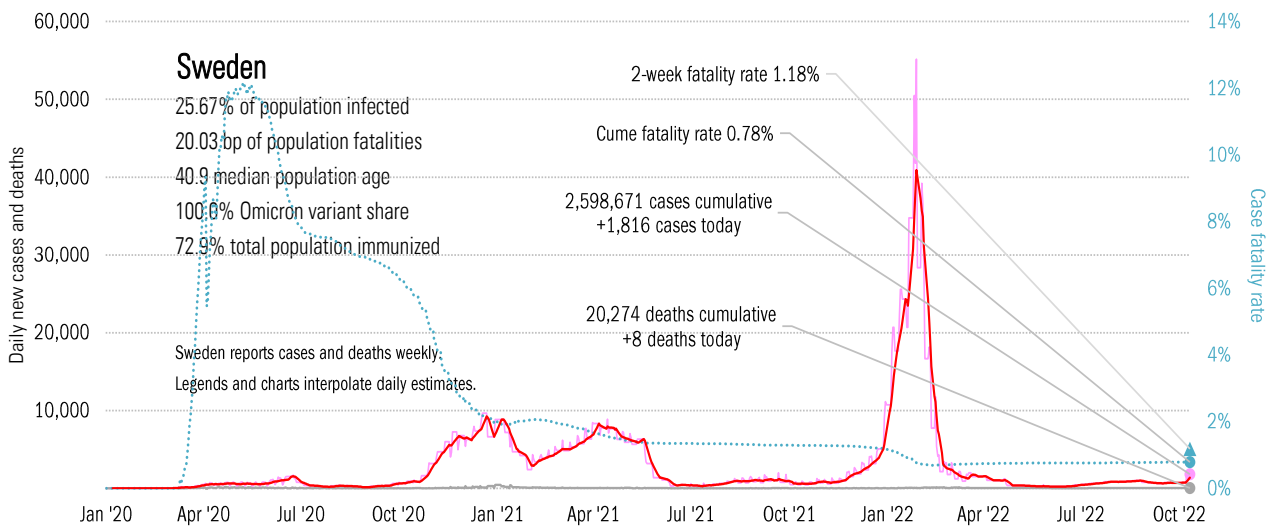
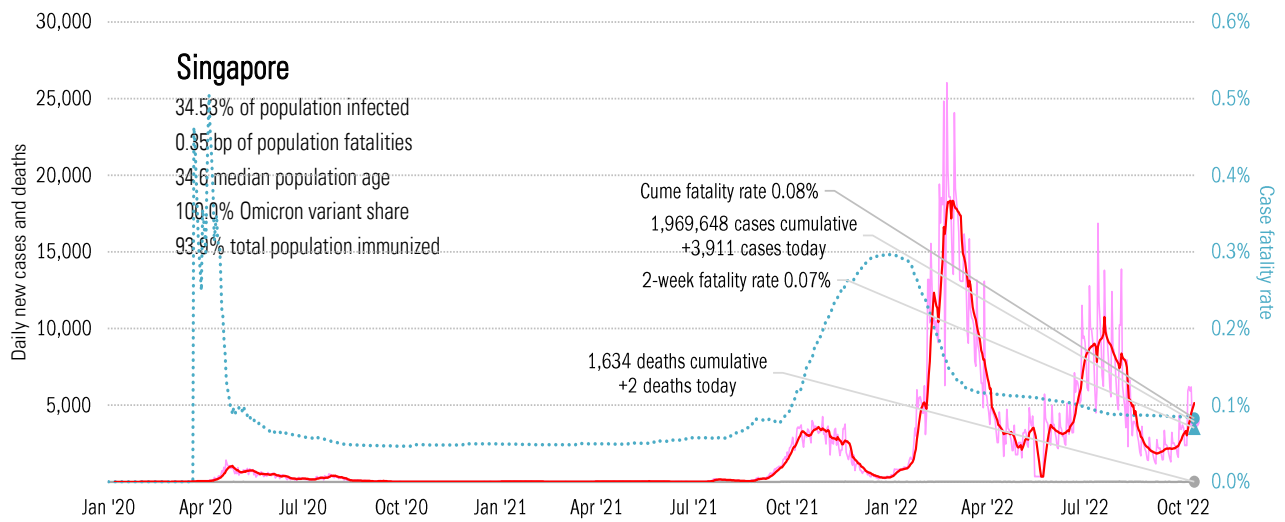
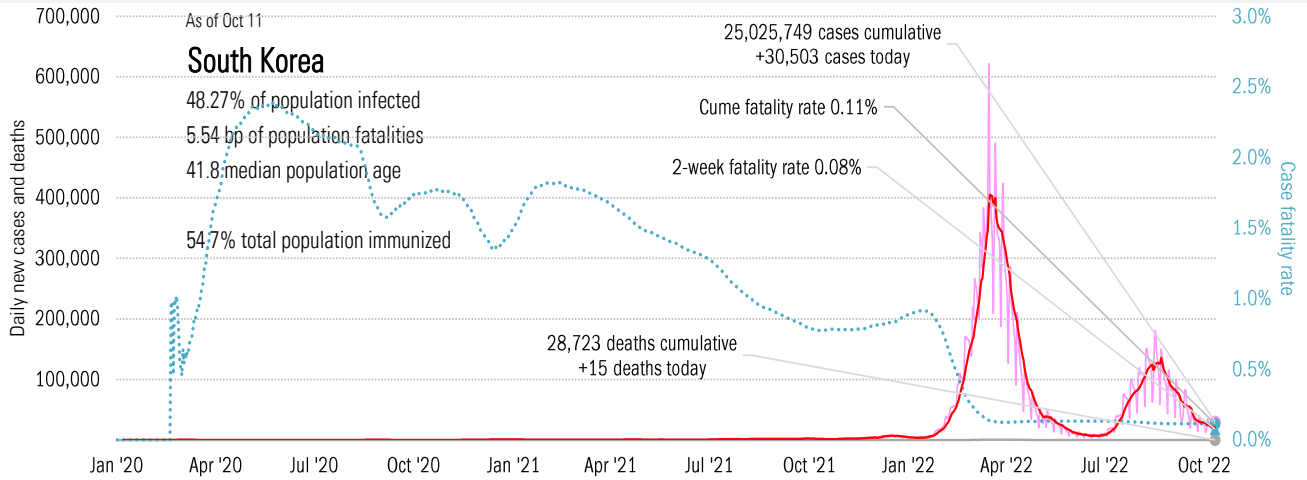
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

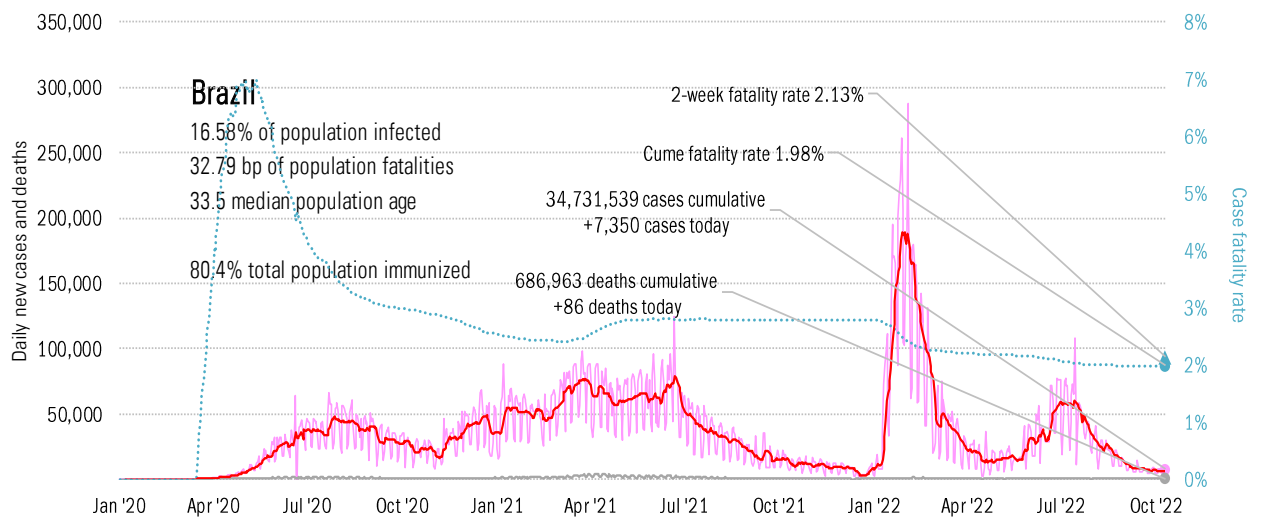
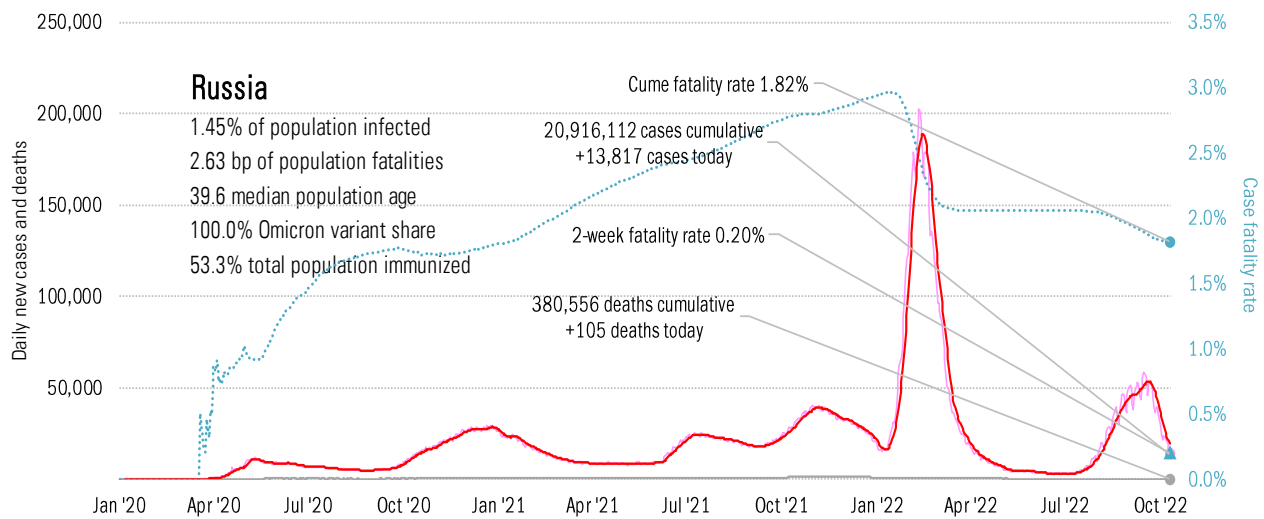
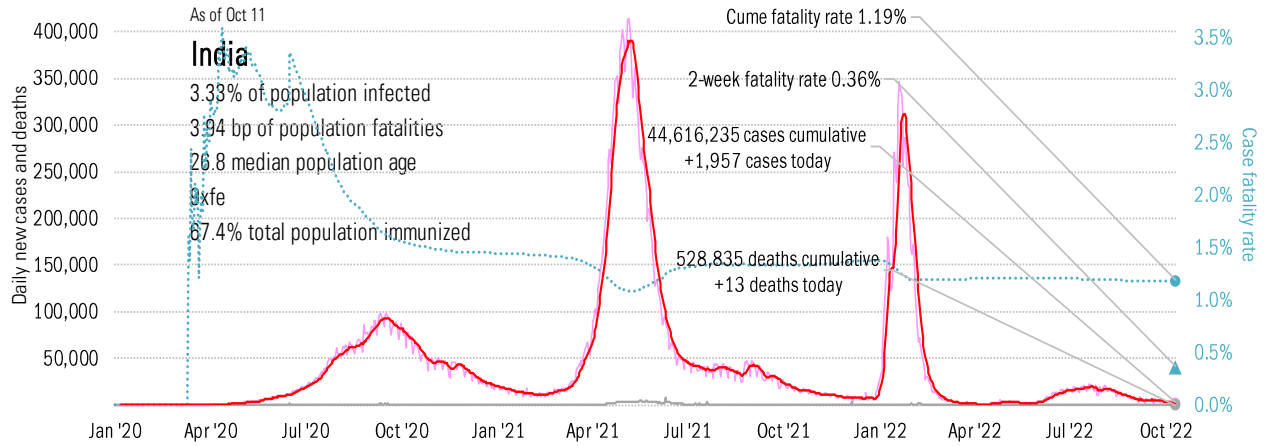
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

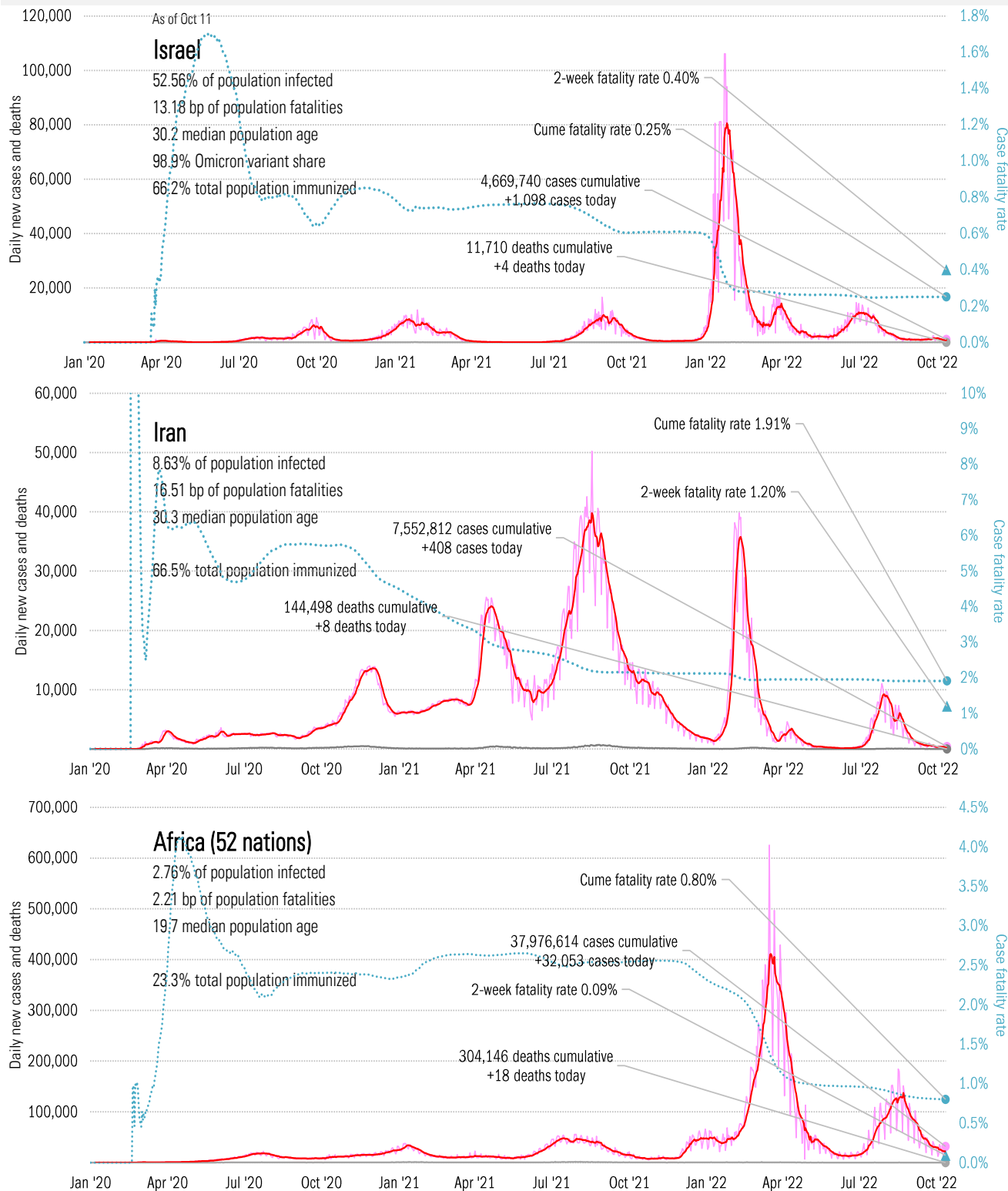
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

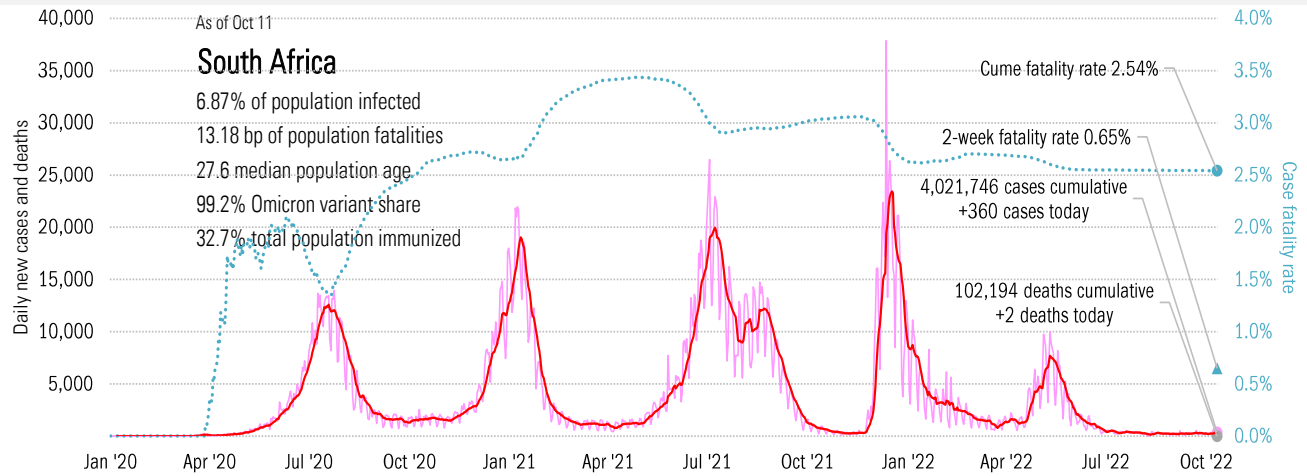
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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