

Data Insights: Covid-2019 Monitor

Friday, September 23, 2022

The global scorecard

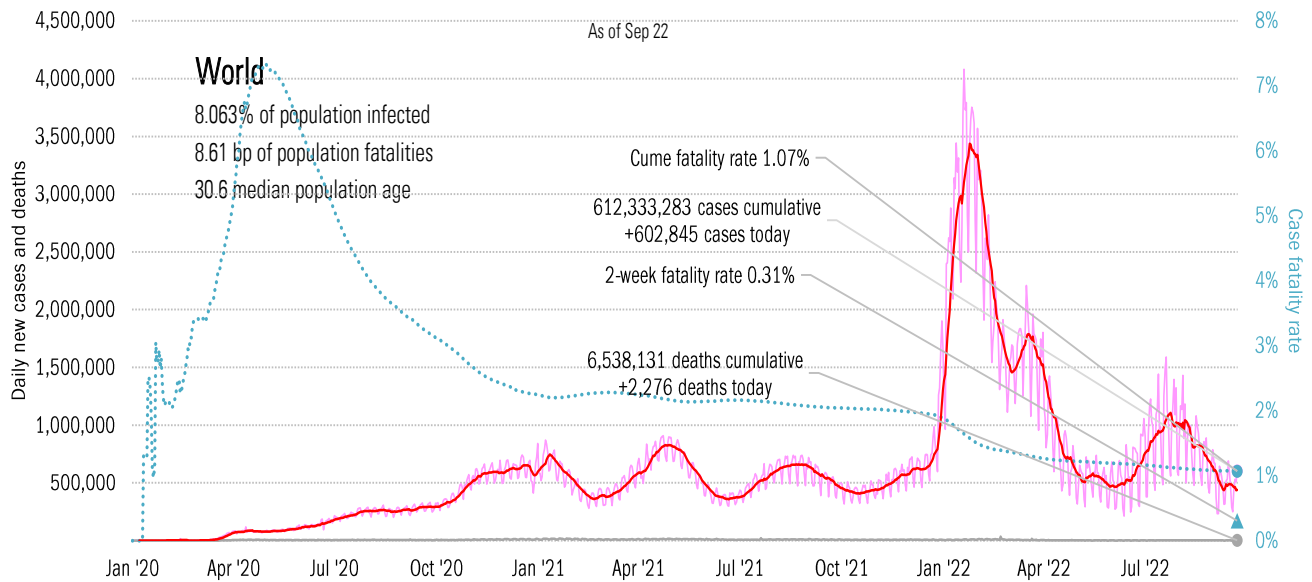
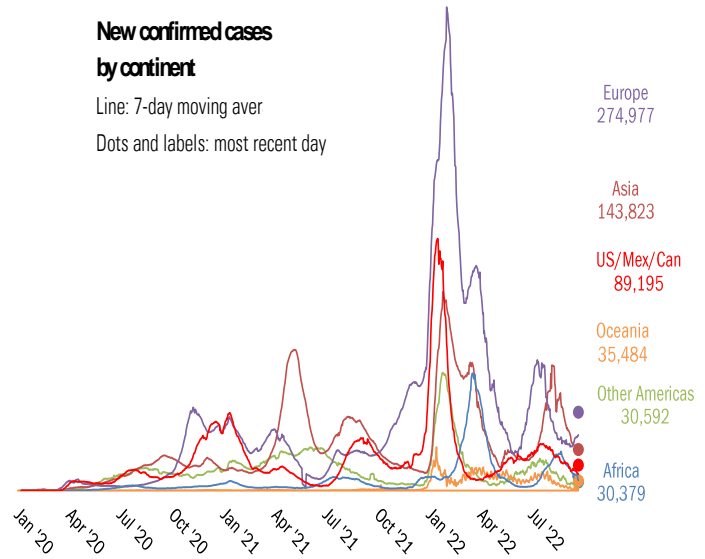
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
United States	77,495	United States	576
Japan	77,350	United Kingdom	381
Russia	52,959	Brazil	249
Germany	50,800	Canada	114
Taiwan*	42,421	Australia	104
France	38,464	Russia	104
United Kingdom	36,740	Japan	102
Australia	35,473	Germany	93
Korea, South	29,081	Sweden	78
Brazil	24,628	Finland	70
465,411		1,871	
World	602,845	World	2,276
Top ten	77%	Top ten	82%

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

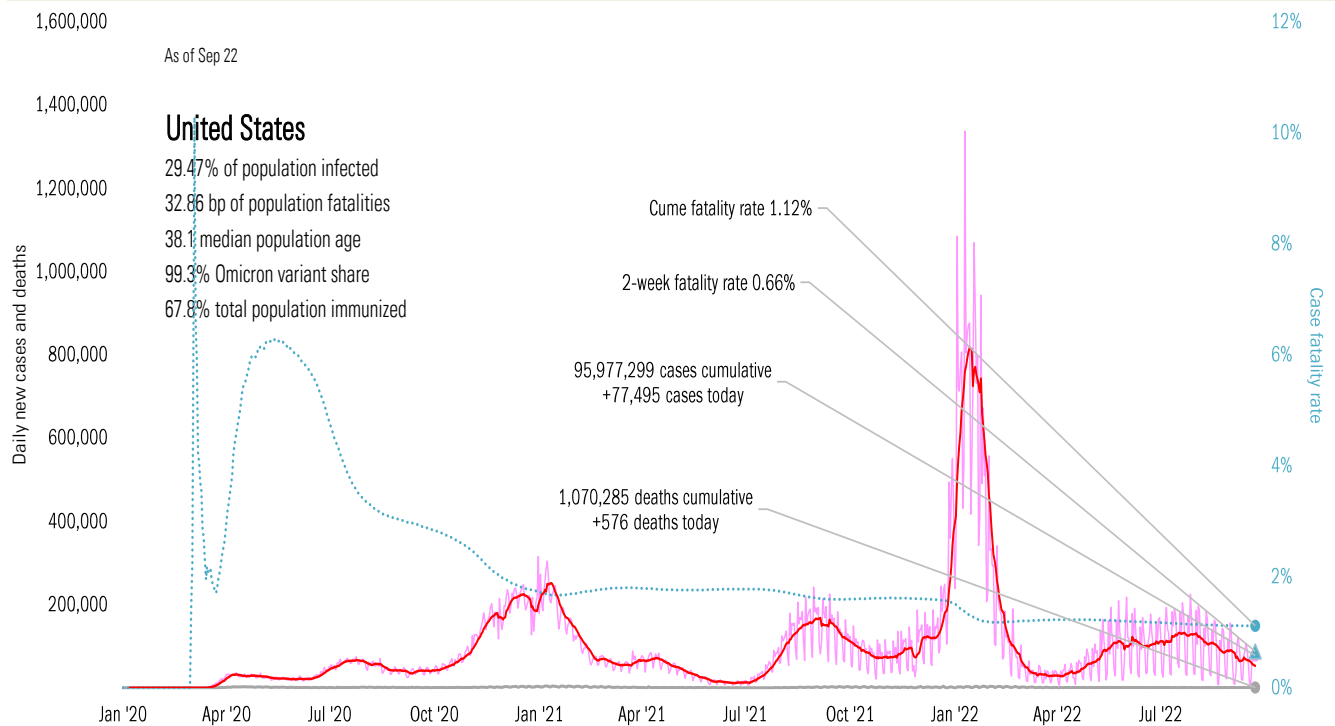
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use		
PA	16,515		CA	151		NY	333		CA	11,228,636		CA	95,783		TX	543,600		RI	93%		RI	91%
CA	8,656		FL	52		CT	78		TX	7,967,474		TX	90,729		CA	497,210		MA	89%		TX	89%
NY	6,729		WA	30		NJ	140		FL	7,116,330		FL	81,083		FL	491,421		MN	87%		MA	86%
IL	5,277		IN	27		MO	103		NY	6,083,358		NY	71,619		NY	297,178		GA	87%		NH	85%
KY	3,056		MI	21		HI	17		IL	3,749,065		PA	47,098		GA	225,125		MO	85%		NM	85%
NJ	2,943		GA	21		MA	124		PA	3,239,298		GA	40,171		CH	216,935		WA	84%		AL	84%
NC	2,898		VA	20		KS	36		NC	3,182,775		CH	39,767		PA	202,198		NH	83%		AK	84%
MI	2,414		NY	19		NC	129		CH	3,131,645		IL	39,610		IL	185,552		WV	83%		WA	83%
WA	2,148		PA	18		UT	33		GA	2,900,354		MI	38,464		MI	161,425		DC	83%		GA	83%
CH	2,077		AR	18		OK	57		MI	2,821,489		NJ	34,700		KY	144,592		MD	82%		DC	81%
52,713			377			1,050			51,420,424			579,024			2,965,236							
All states	77,495			576			3,945		All states	95,977,299			1,070,285			5,378,900		All states	70%			67%
Top ten	68%			65%			27%		Top ten	54%			55%			55%		Median	78%			73%

Some states not reporting

Five most improved US states

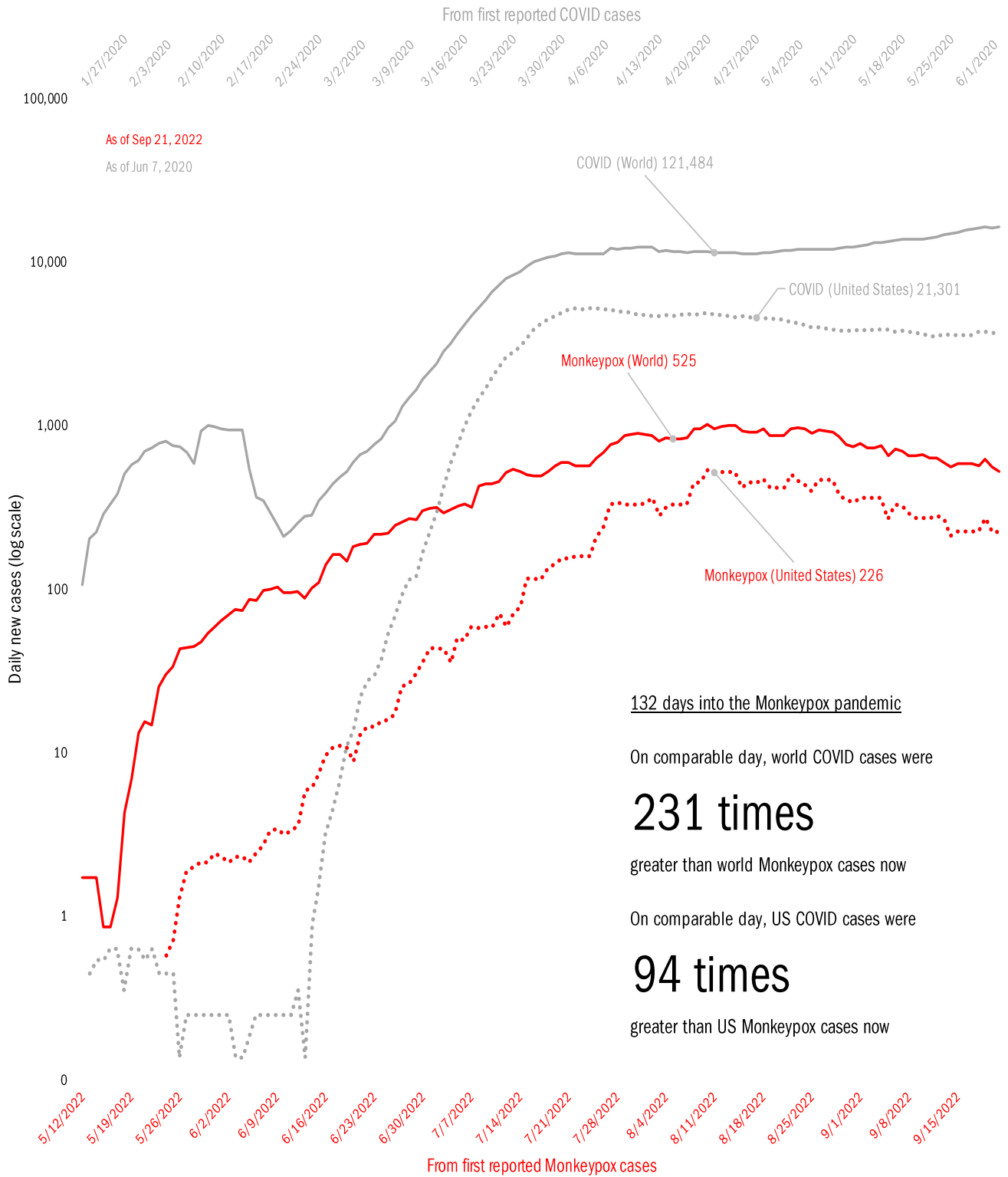
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
TX	-5,319	TX	-51	FR	-55
NJ	-795	MO	-37	PA	-22
IA	-562	IL	-10	DE	-21
CO	-258	NY	-7	ND	-21
NH	-219	WV	-6	CH	-21



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

The Monkeypox contextualizer

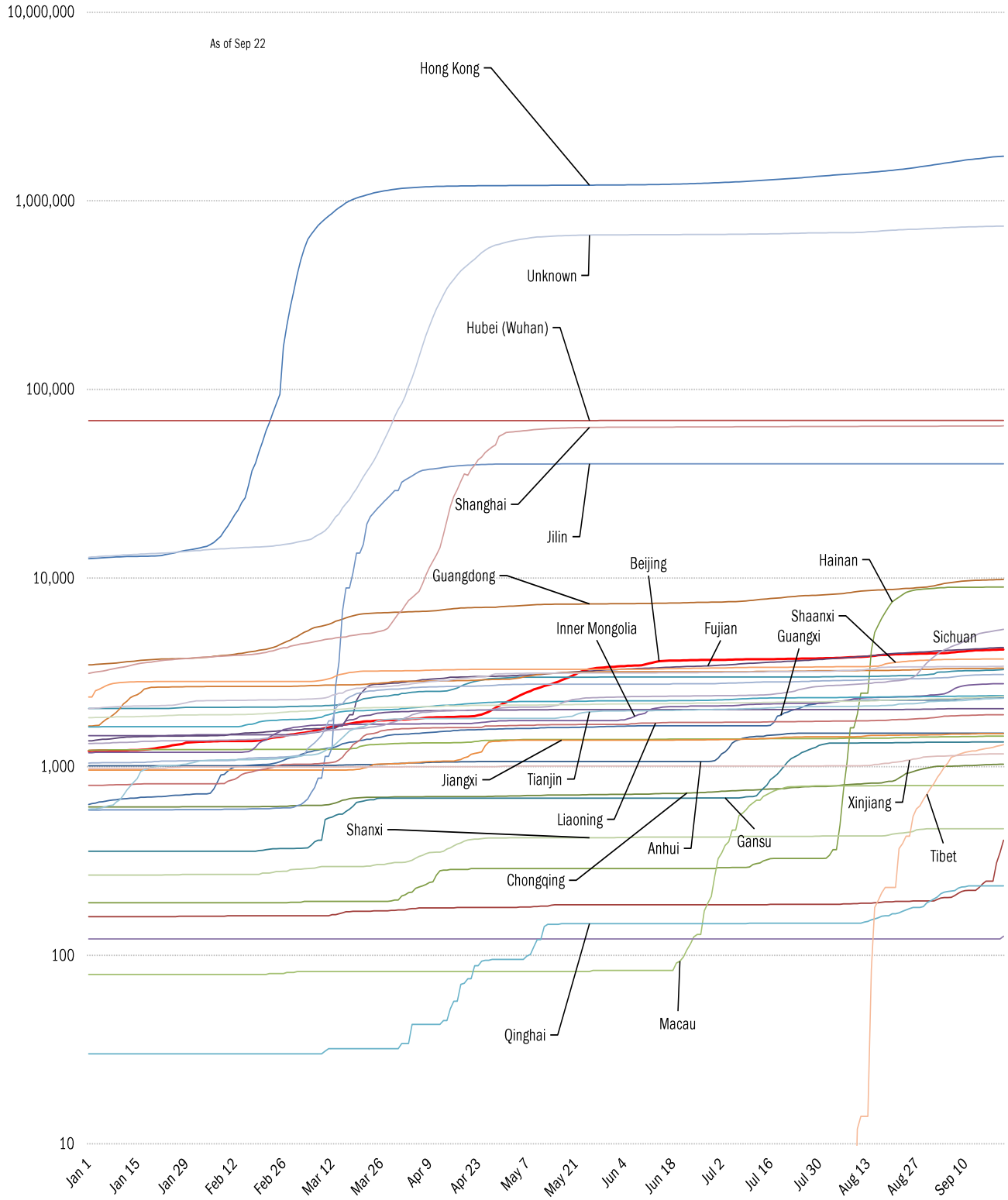
The course of case growth versus COVID



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"

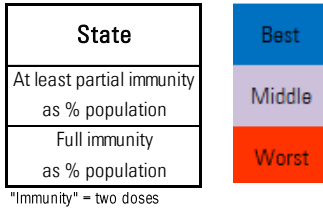
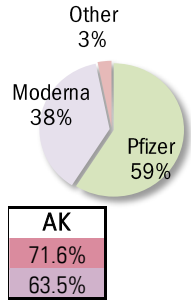


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

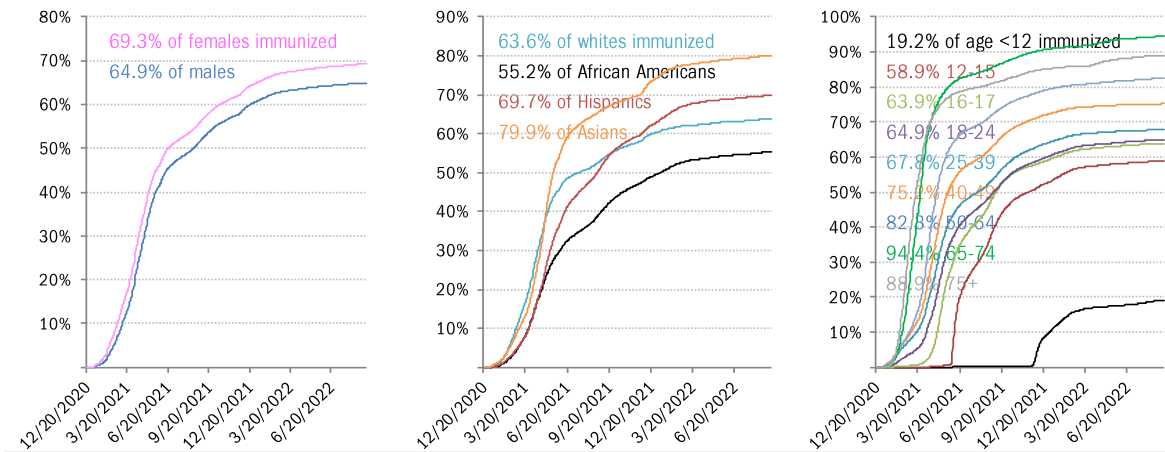
Administered	Cumulative		Today	Immunity	Full	Partial
Doses	628,212,647		+0.301 million	US	67.7%	79.3%
of which boosters	111,339,704		+0.036 million	UK	75.4%	80.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	271,603,286	81%	231,176,587	69%	+0.039 million	France 78.7% 80.9%
Age 12 to 17	18,184,016	72%	15,537,763	61%	+0.002 million	Spain 85.6% 87.0%
Age 18 to 64	181,166,913	89%	153,880,774	76%	+0.019 million	Germany 76.1% 77.7%
Age 65 and over	59,792,035	100%	52,310,508	95%	+0.007 million	Italy 81.0% 85.8%
Other	3%					Australia 84.0% 86.5%
						Israel 66.2% 72.3%
						Canada 82.7% 87.0%
						Japan 82.5% 83.6%
						Africa 22.6% 28.6%
						India 67.2% 72.9%
						Brazil 80.3% 87.1%
						China 89.1% 91.4%



As of Sep 16

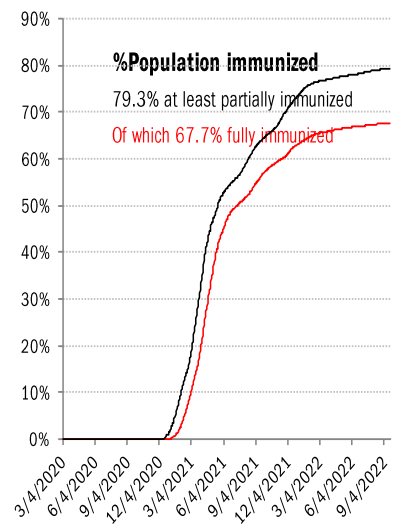
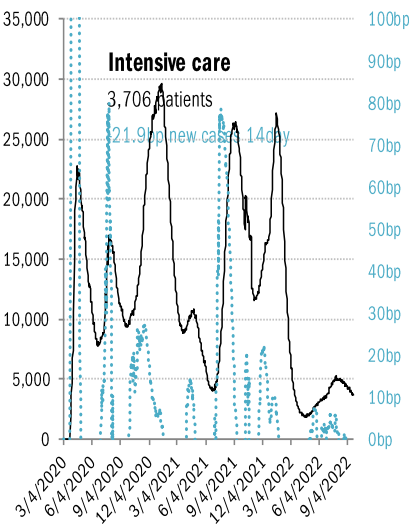
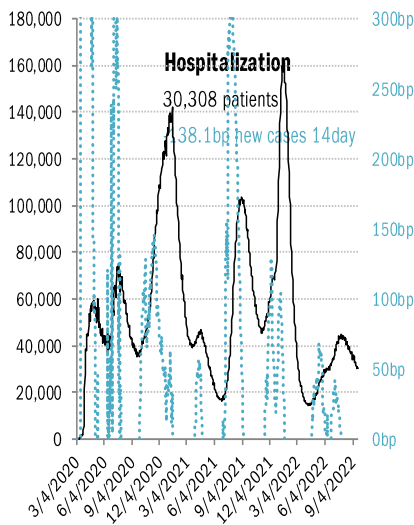
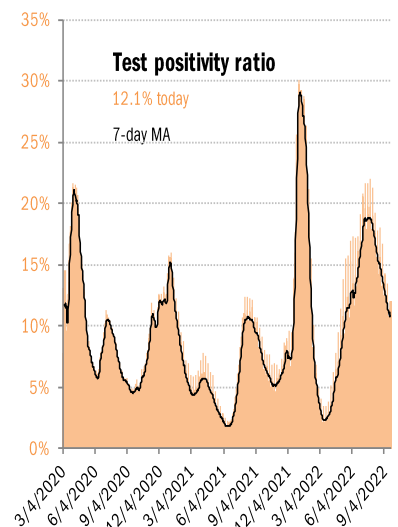
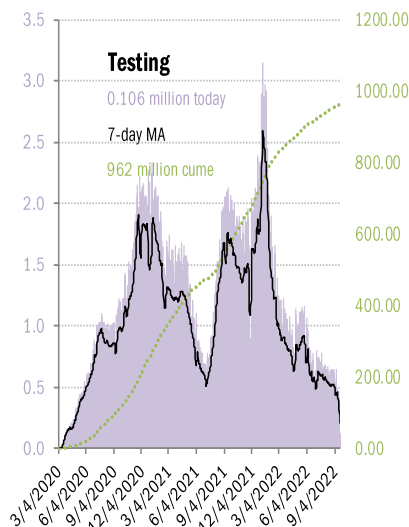
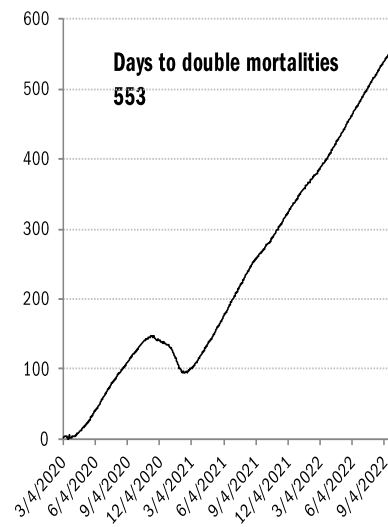
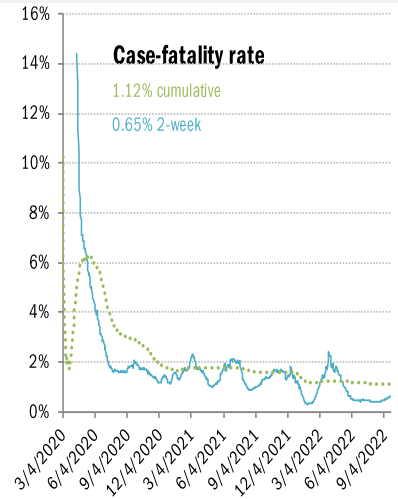
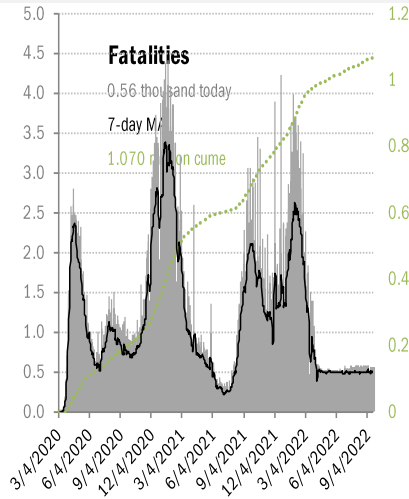
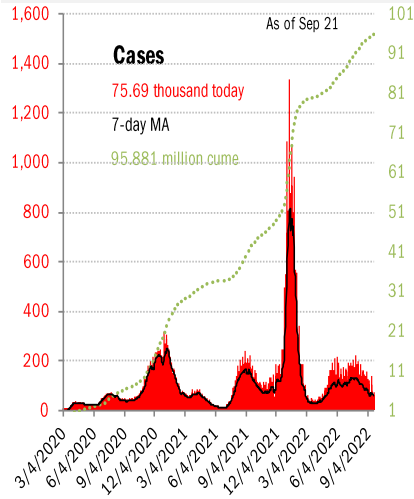
State	Best	Middle	Worst
AK	71.6%	63.5%	
WI	73.4%	66.7%	
ME	93.4%	81.4%	
NY	92.2%	78.6%	
VT	95.0%	83.0%	
NH	91.0%	72.6%	
OR	79.5%	70.8%	
NV	77.1%		
WY	59.3%		
SD	79.5%		
IA	69.3%		
IN	63.2%		
OH	64.5%		
PA	87.7%		
NJ	92.5%		
MA	95.0%		
CA	84.2%		
UT	73.8%		
CO	81.5%		
NE	71.8%		
MO	67.7%		
KY	67.5%		
WV	66.3%		
VA	88.1%		
MD	89.1%		
CT	95.0%		
RI	95.0%		
AZ	75.6%		
NM	90.6%		
KS	74.3%		
AR	68.3%		
TN	63.4%		
NC	87.6%		
SC	69.4%		
DC	95.0%		
DE	85.4%		
OK	72.8%		
LA	62.1%		
MS	60.9%		
AL	64.0%		
GA	67.1%		
HI	89.6%		
	79.8%		
TX	74.7%		
	62.1%		
FL	81.0%		
	68.3%		
PR	95.0%		
	84.8%		

The demographics of US vaccination

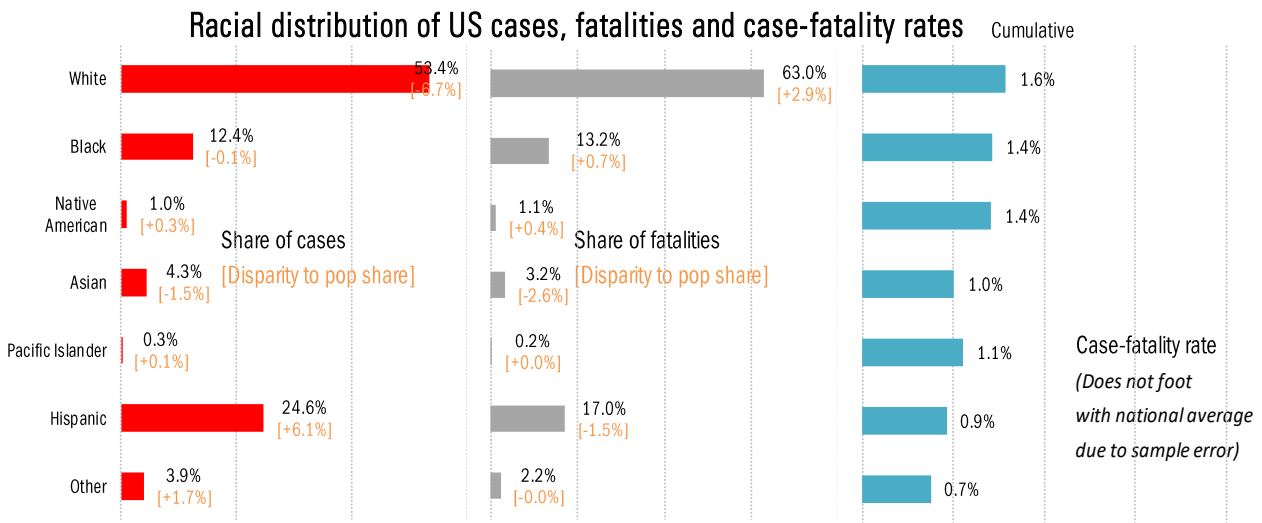
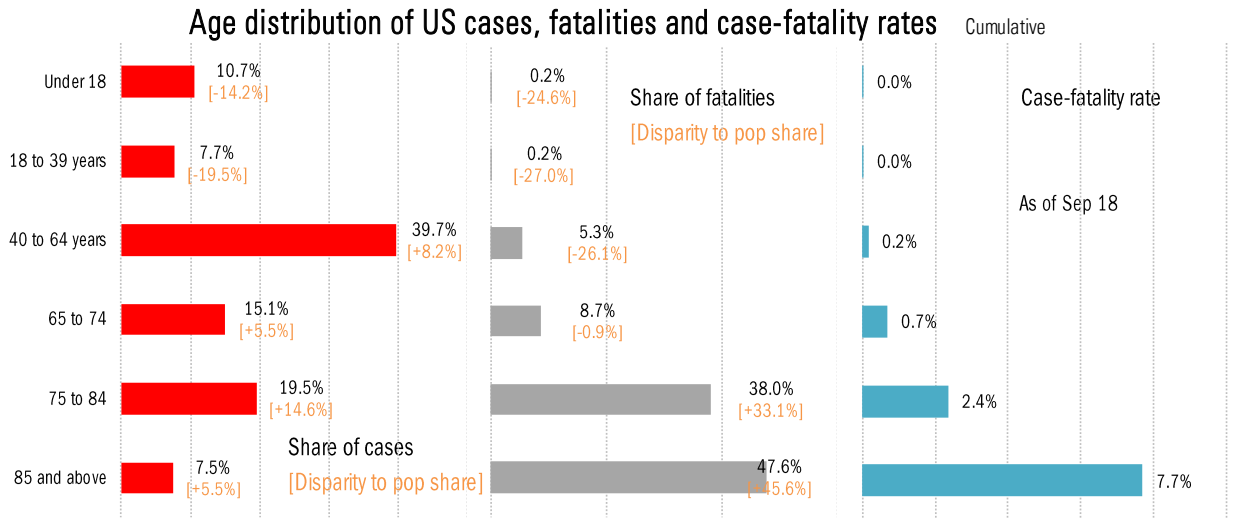


Source: CDC, CDC, Our World in Data, TrendMacro calculations

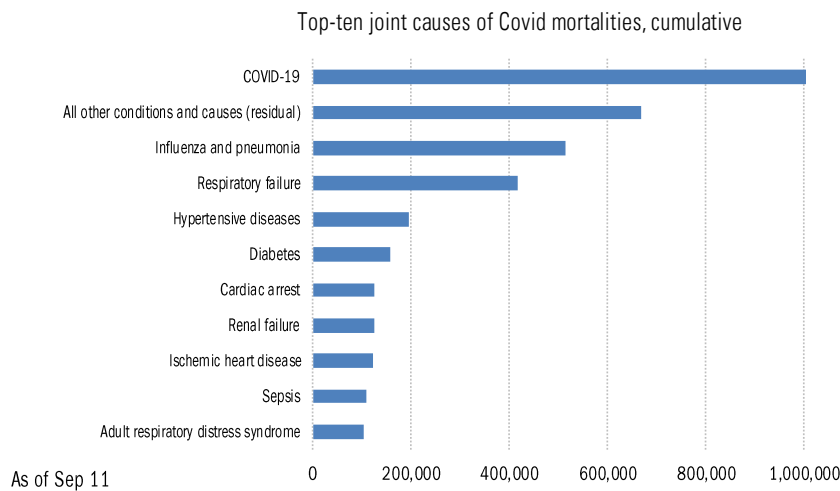
US deep-dive



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

[Japan to Restore Visa-Free Travel From Oct. 11 as Covid Pandemic Recedes](#)

Isabel Reynolds
Bloomberg
September 22, 2022

[WHO Says Pandemic Isn't Done After Biden Called It 'Over' in US](#)

Dong Lyu
Bloomberg
September 22, 2022

[Labor Watchdog's Pandemic Work Results in More Than 1,000 Individuals Charged with UI Fraud and \\$45.6 Billion Identified in Potentially Fraudulent Pandemic UI Benefits](#)

Office of the Inspector General, US Department of Labor
September 22, 2022

[Pandemic Unemployment Fraud Estimate Rises to \\$45.6 Billion](#)

Niraj Chokshi
New York Times
September 22, 2022

[mRNA Covid shots for kids are dead](#)

Alex Berenson
Unreported Truths
September 22, 2022

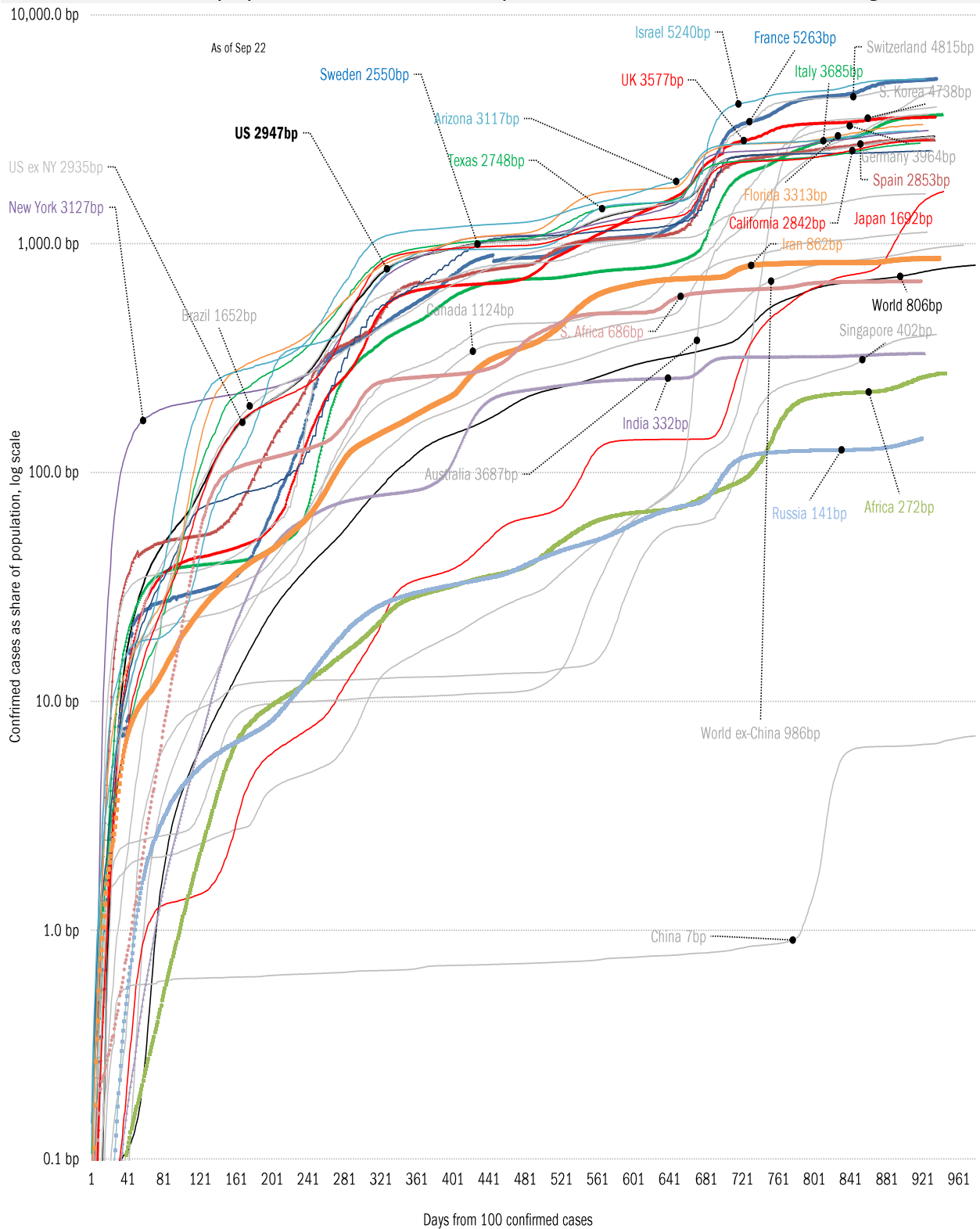
Meme of the day



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

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

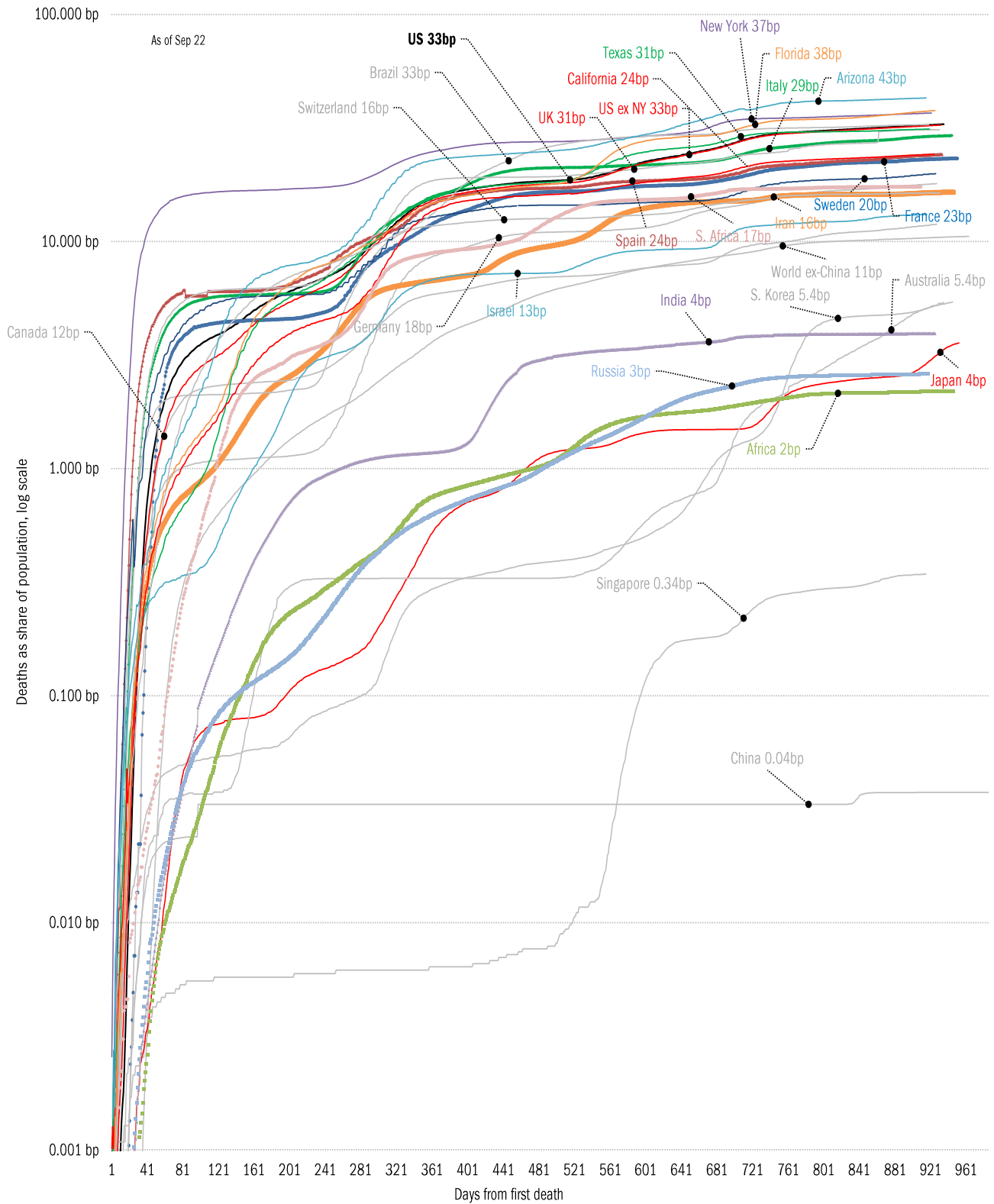
Share of infected population from first day with 100 confirmed cases, log scale



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

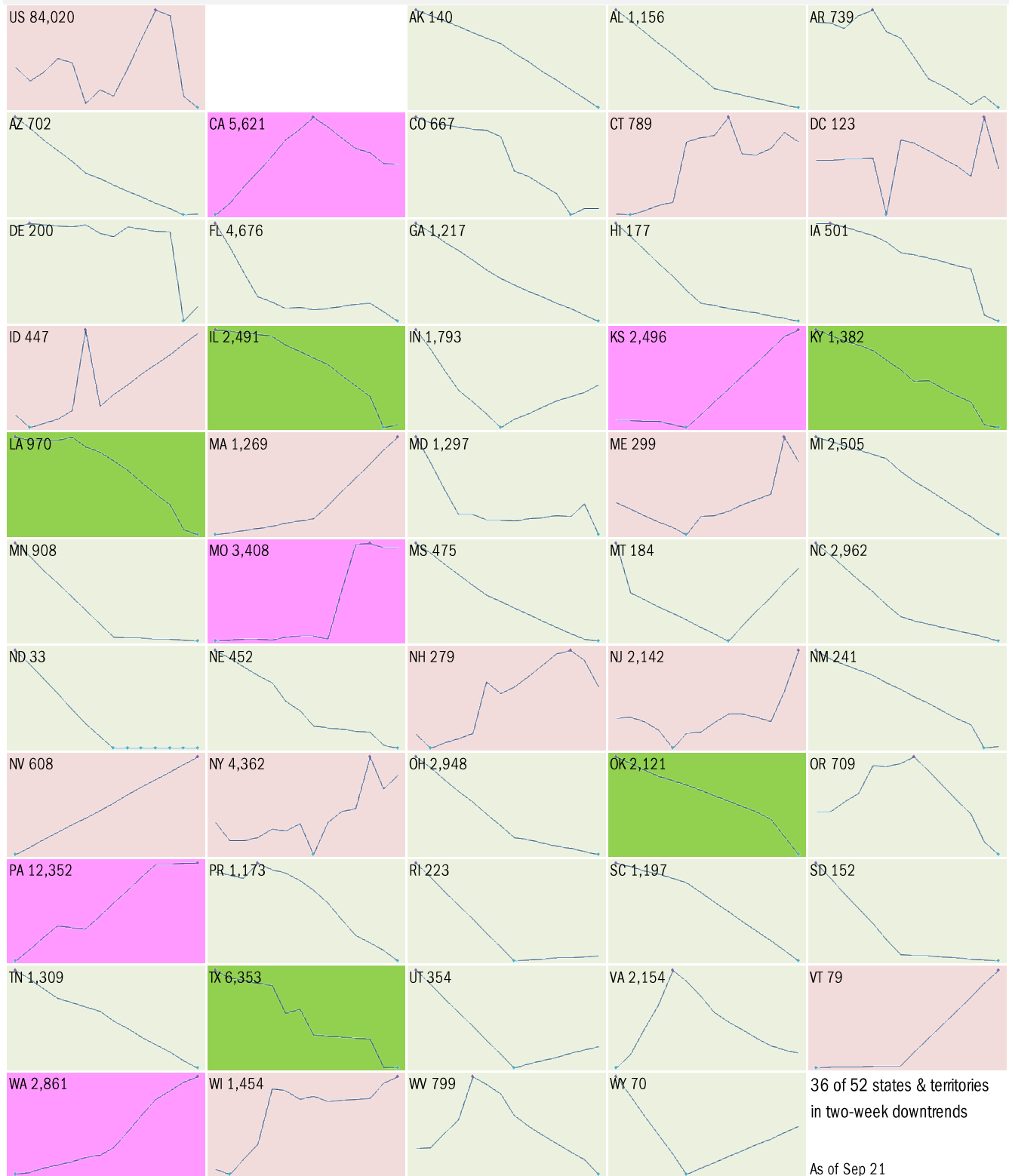


Source: [Johns Hopkins](#), TrendMacro calculations

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

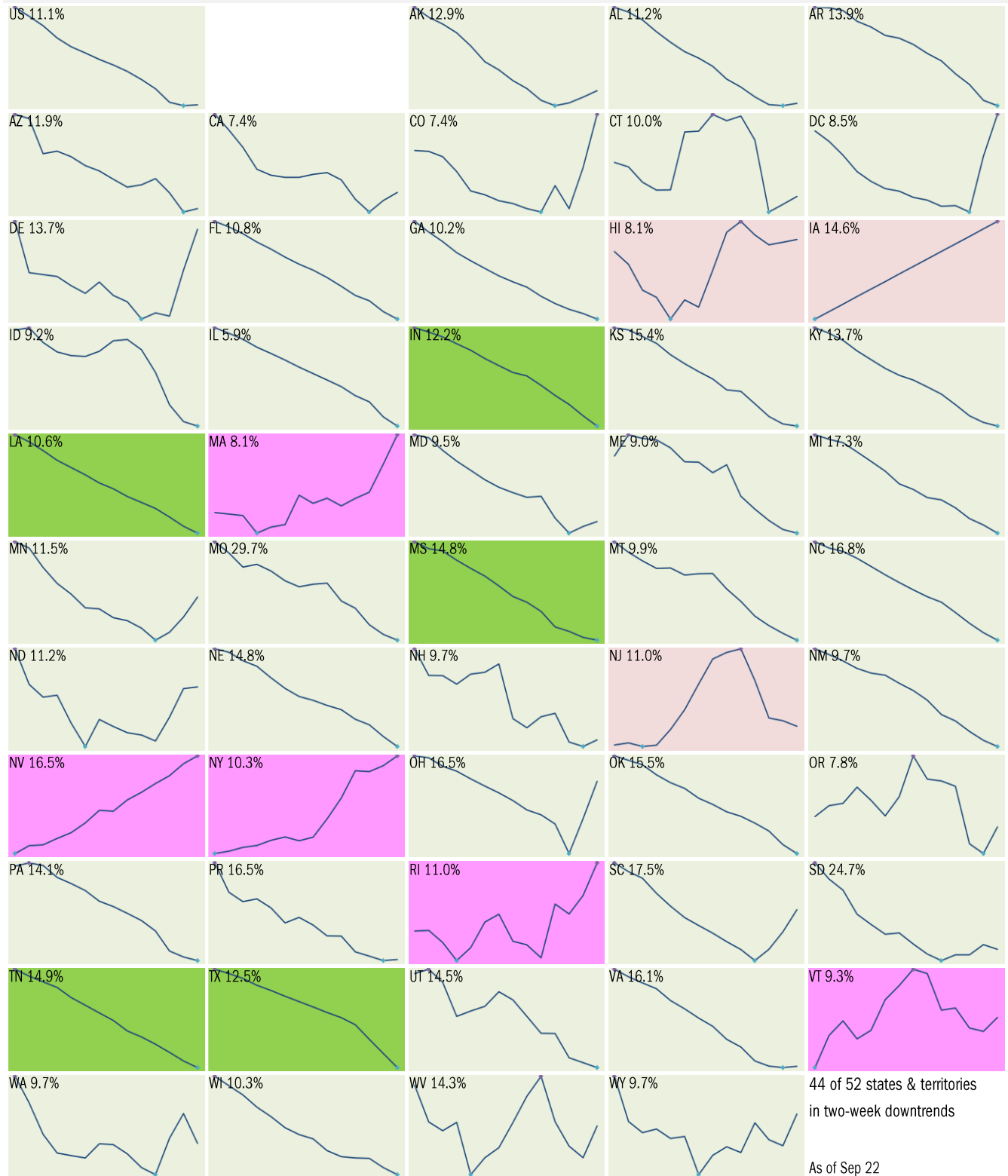


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

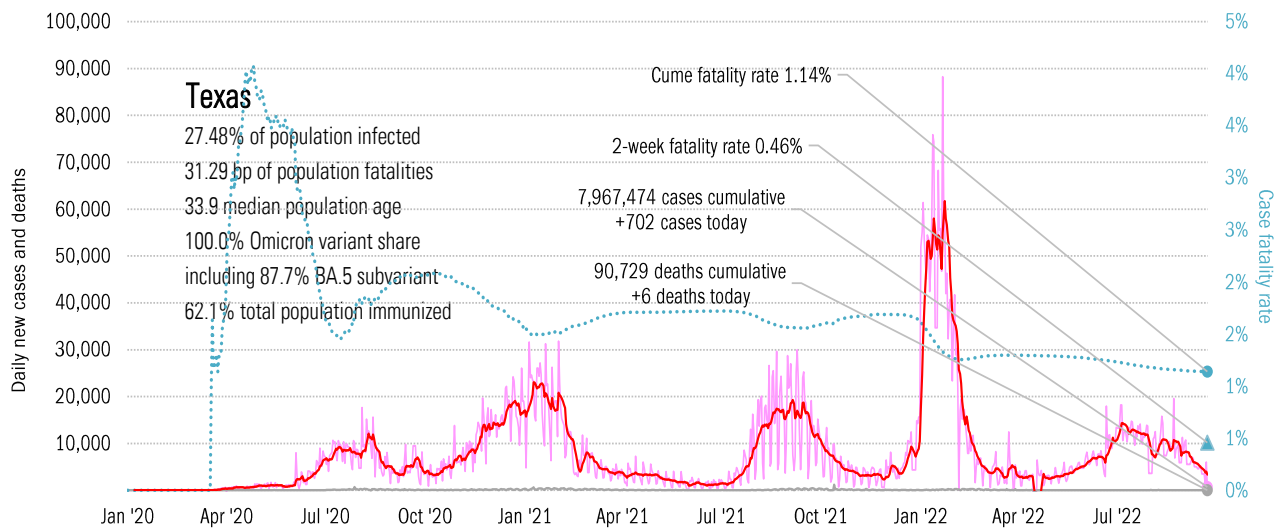
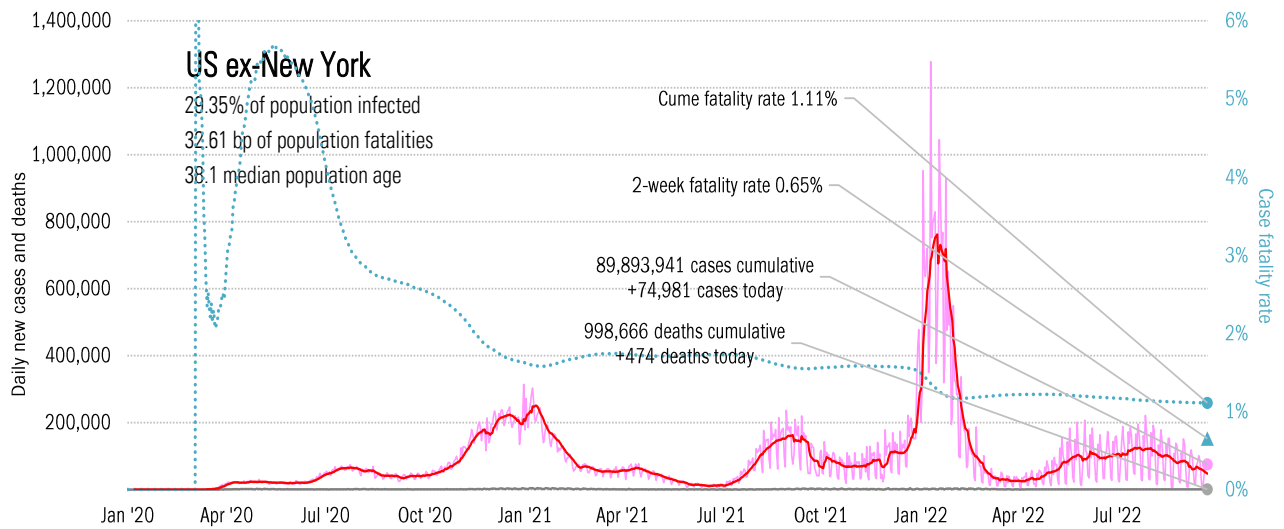
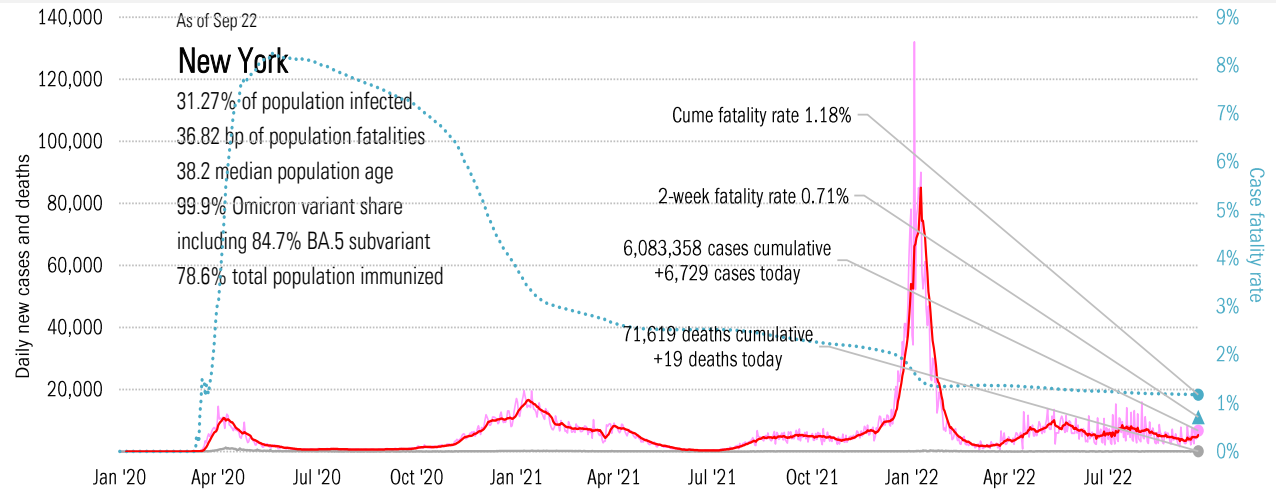
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

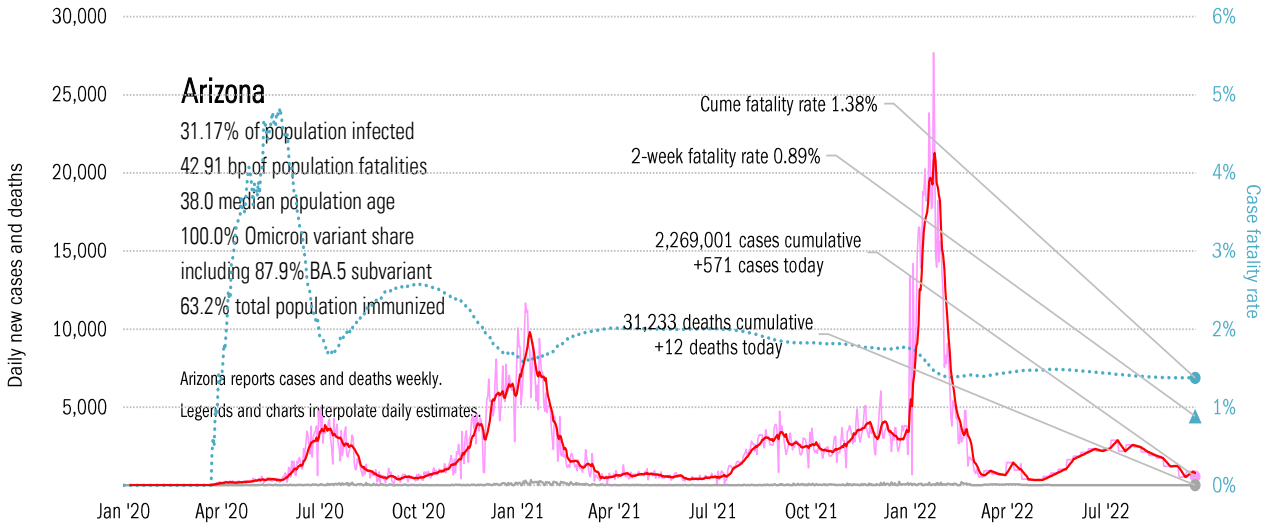
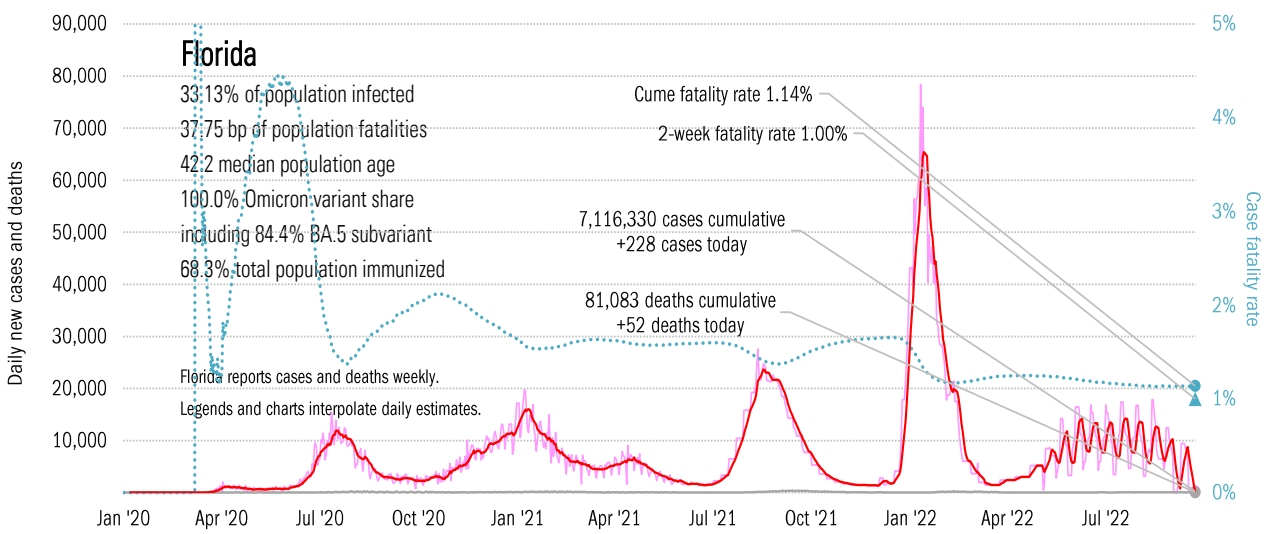
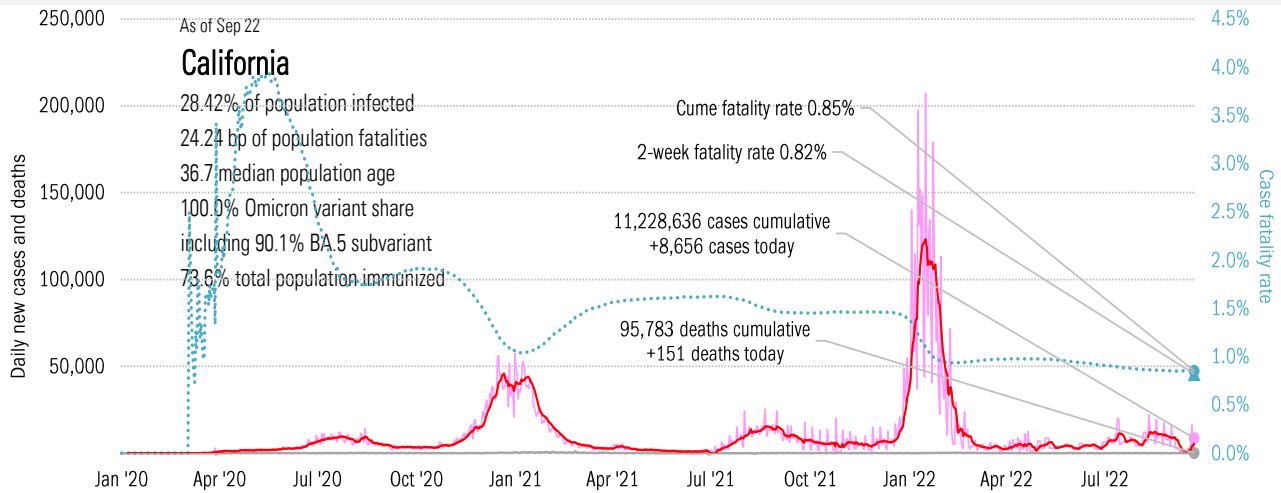
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

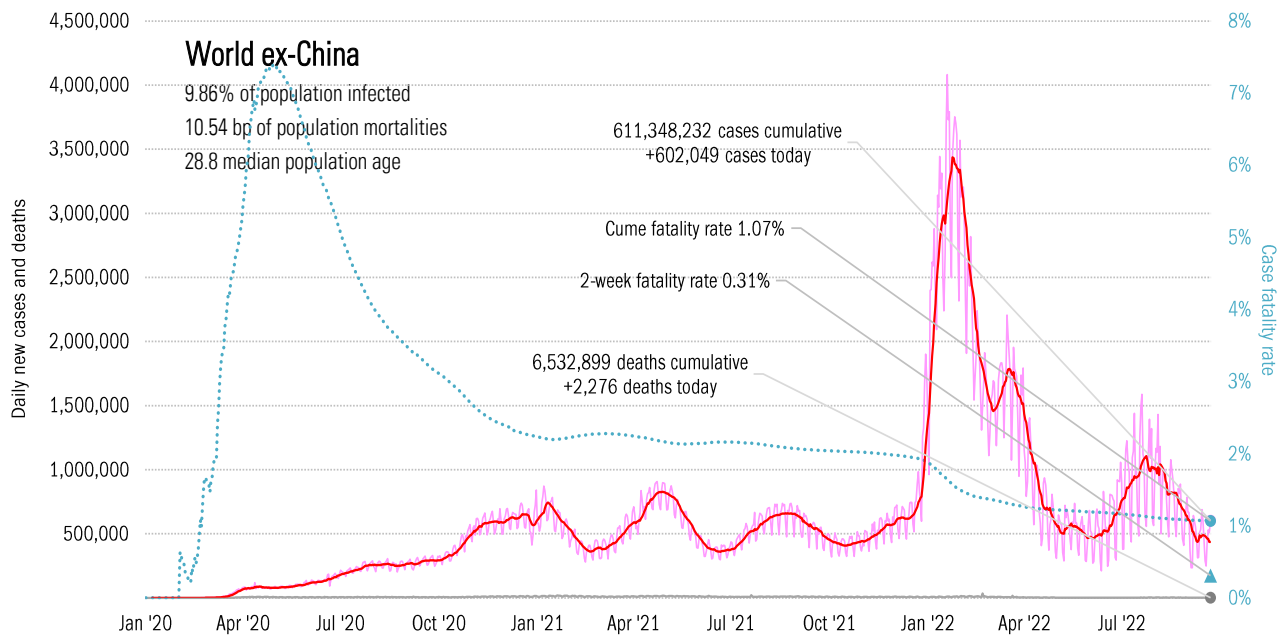
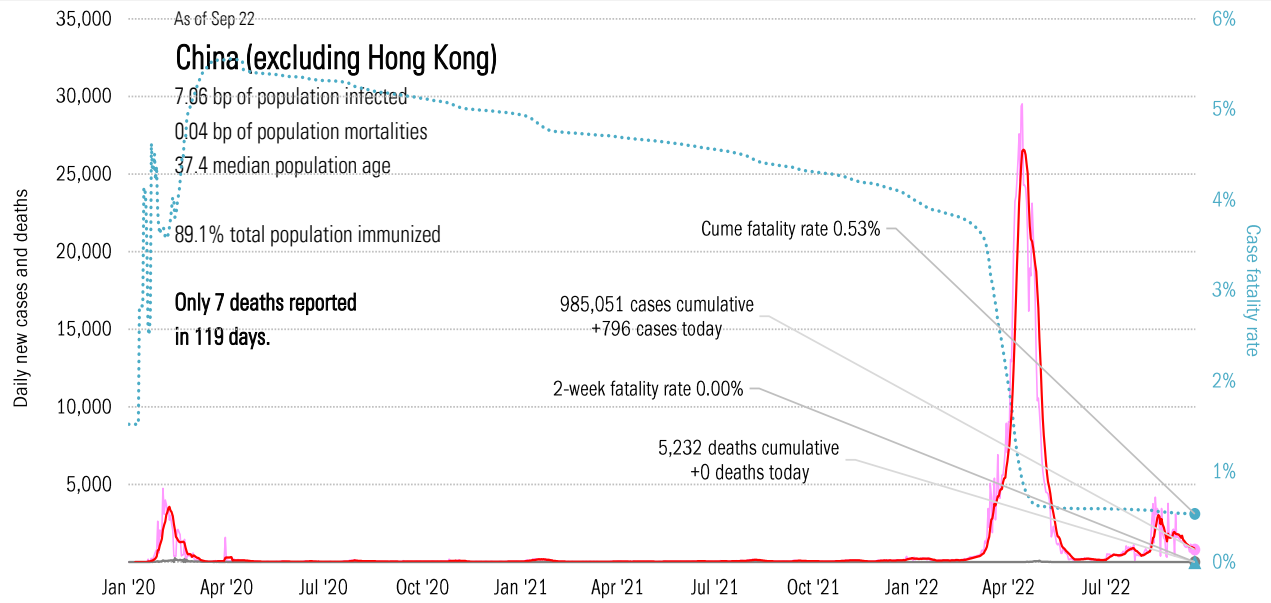
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

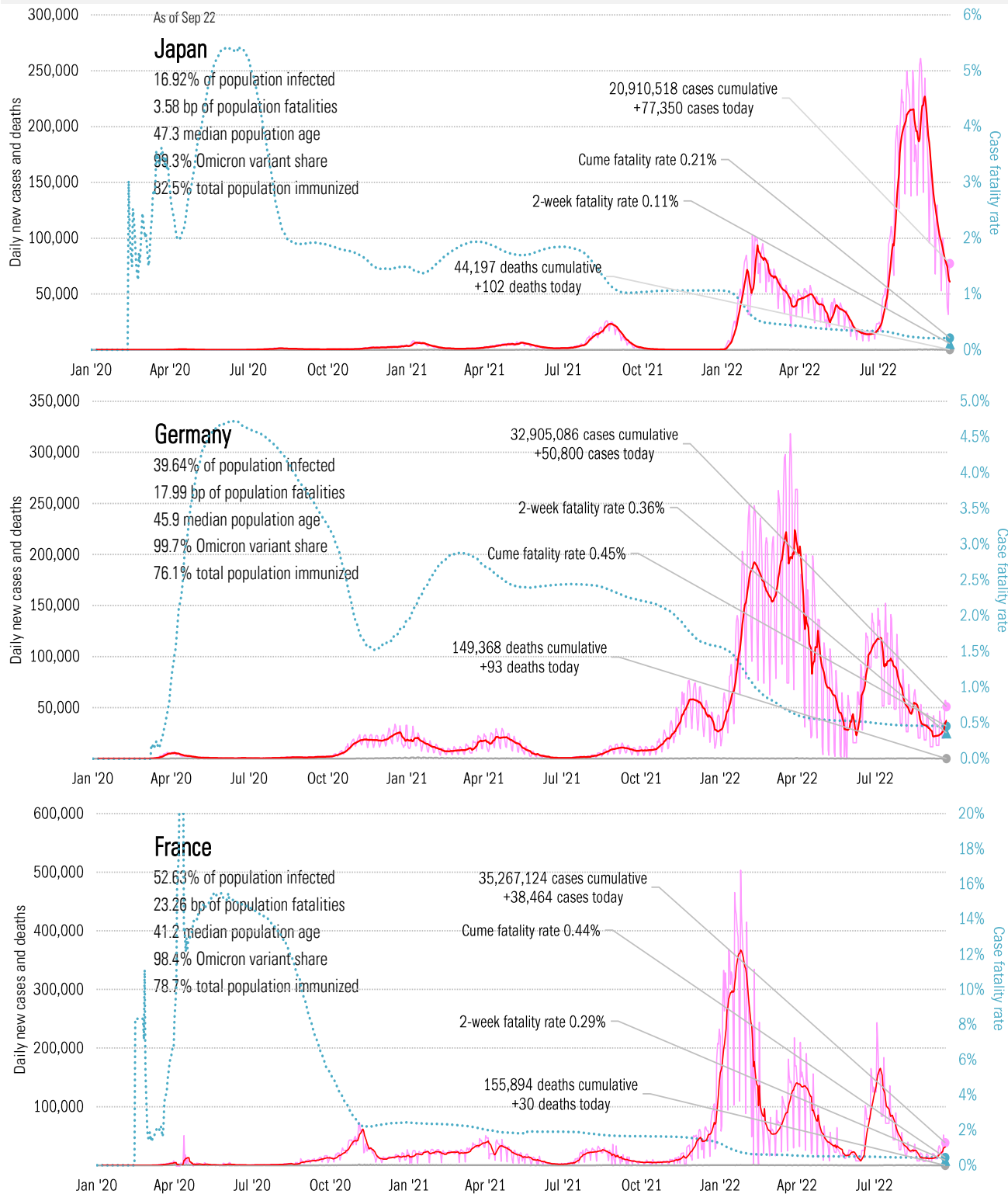
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

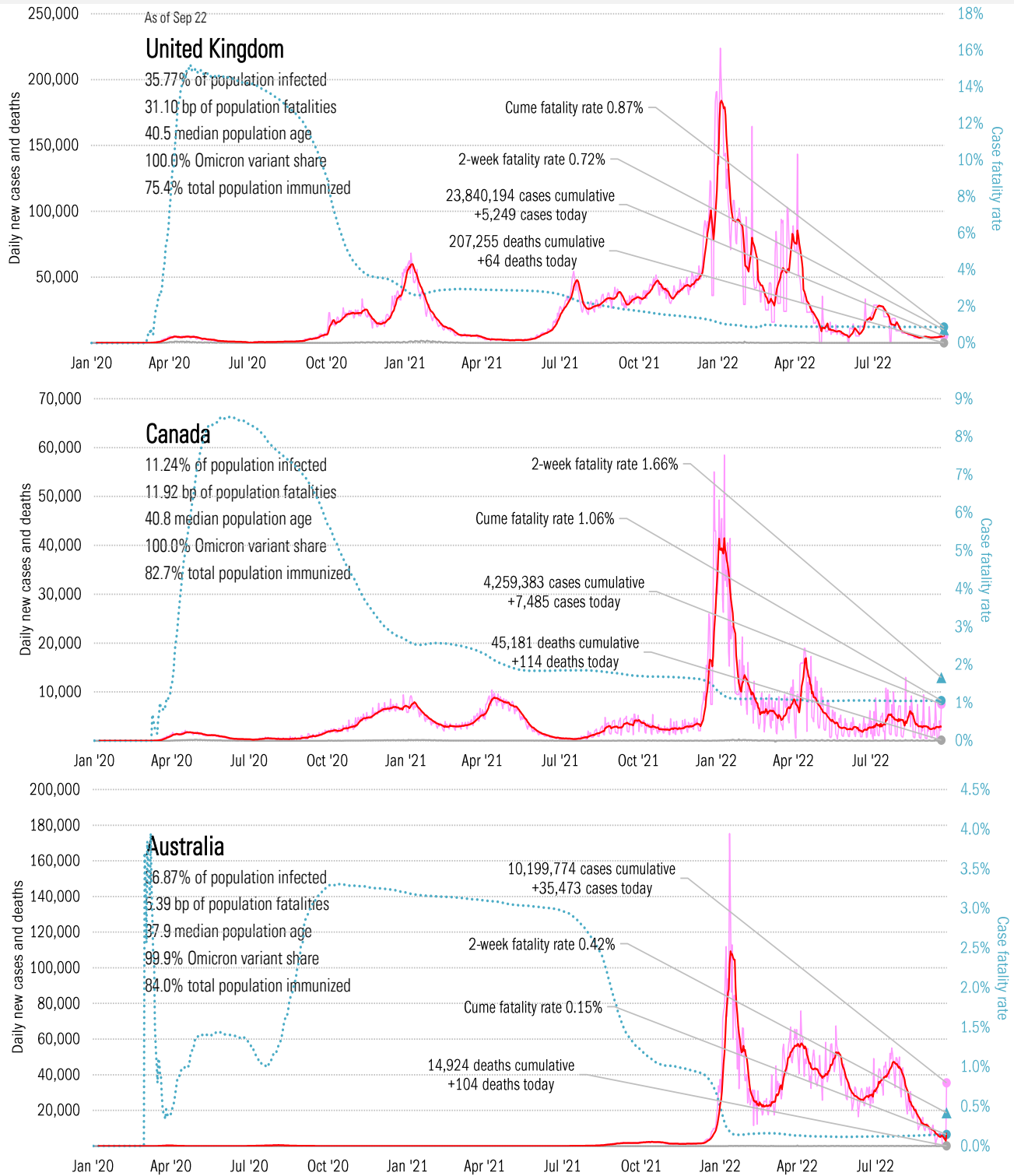
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

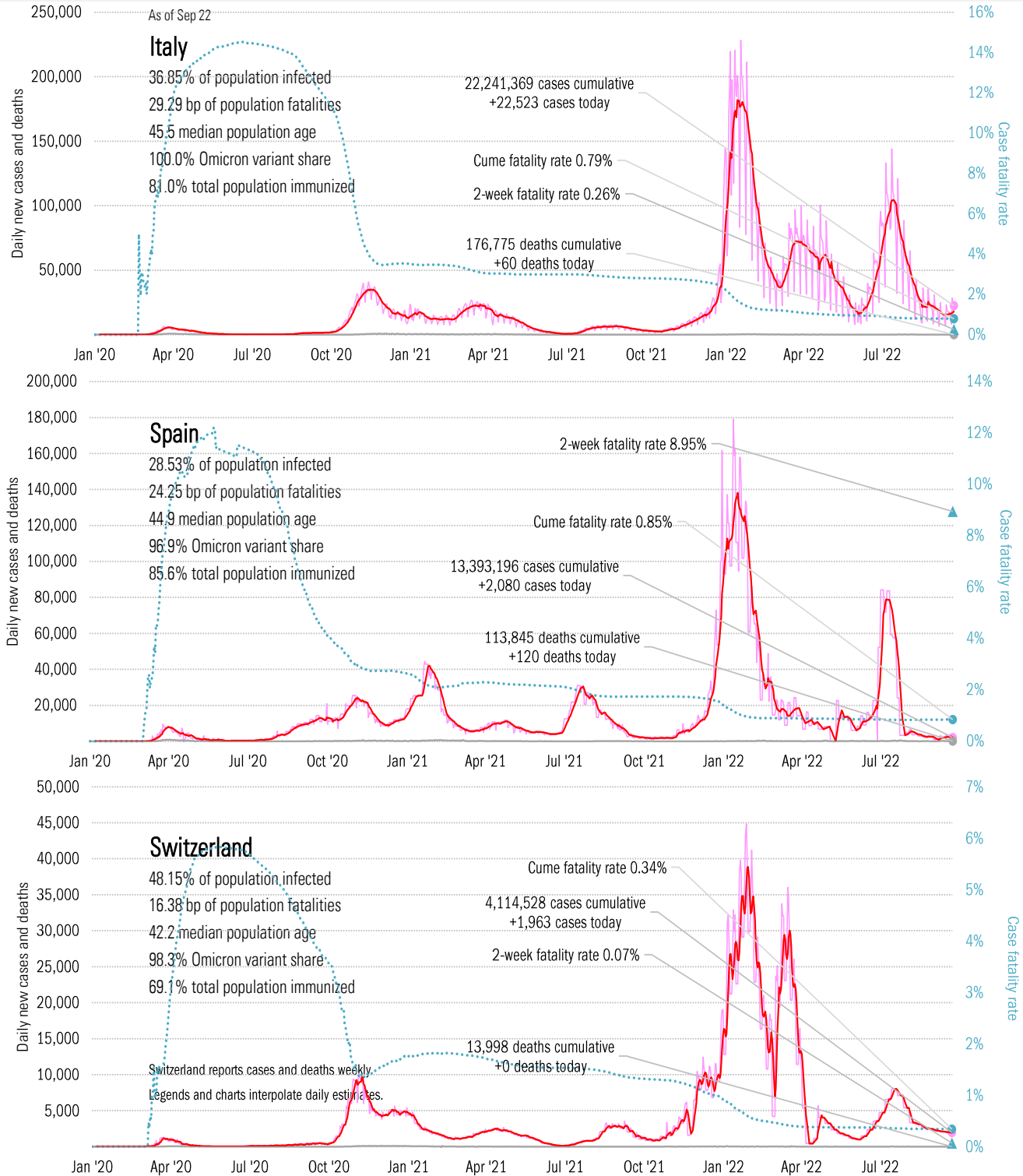
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

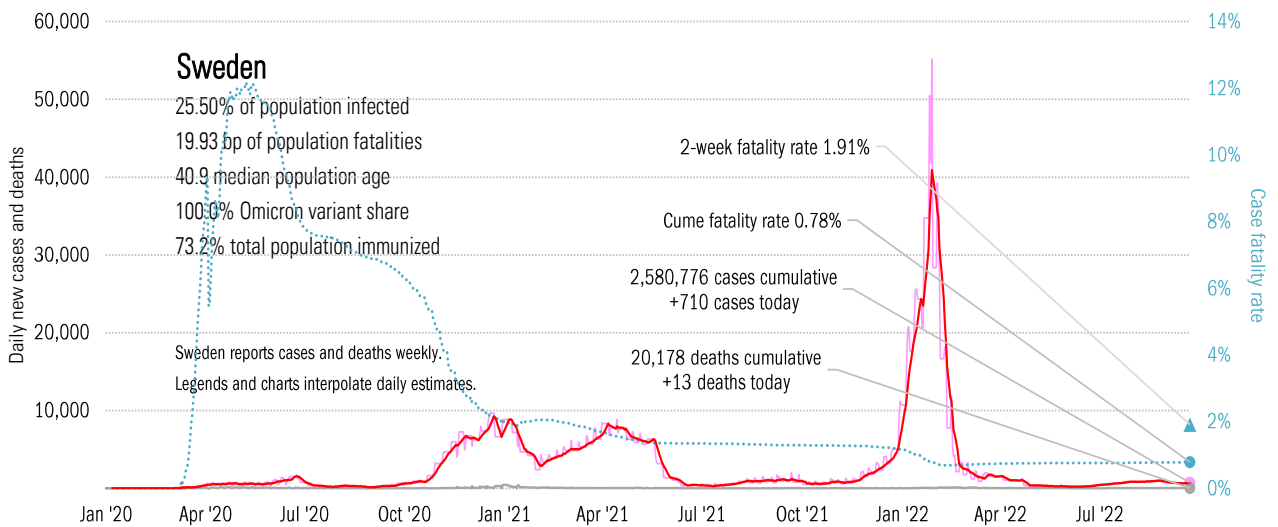
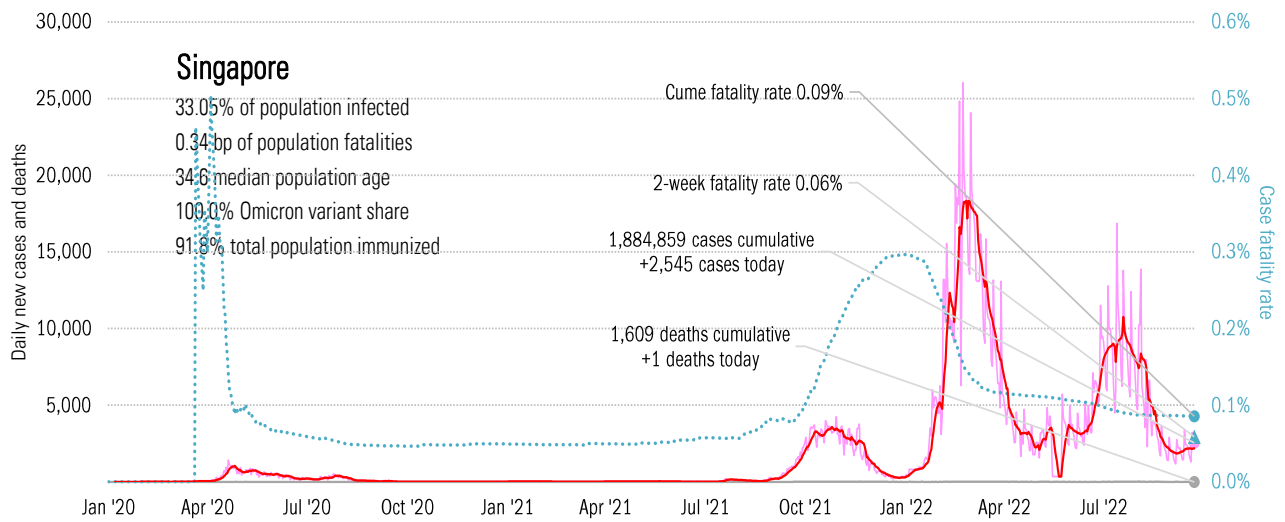
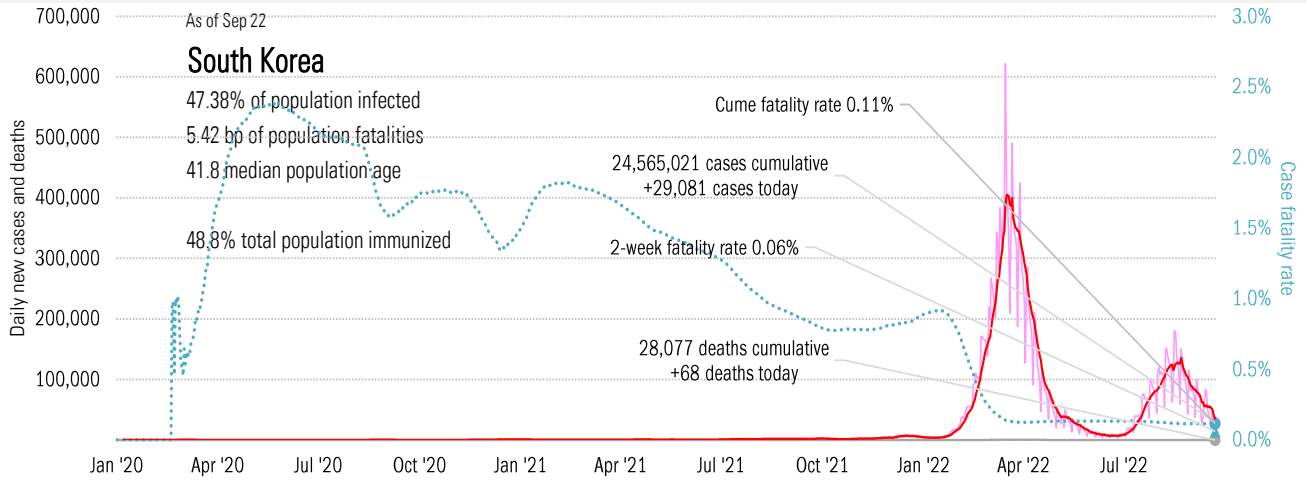
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

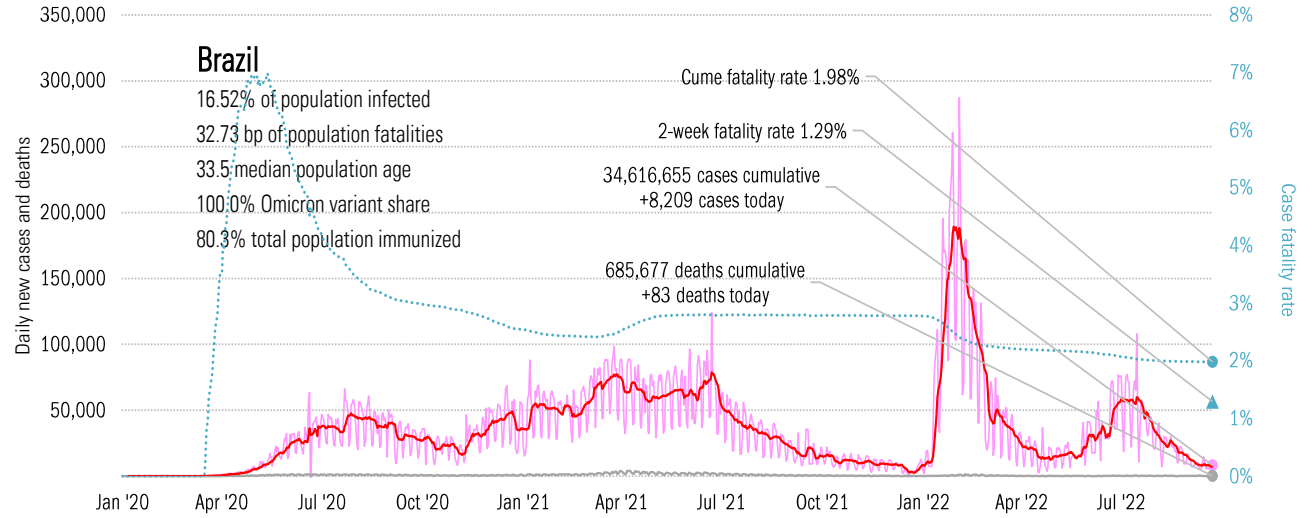
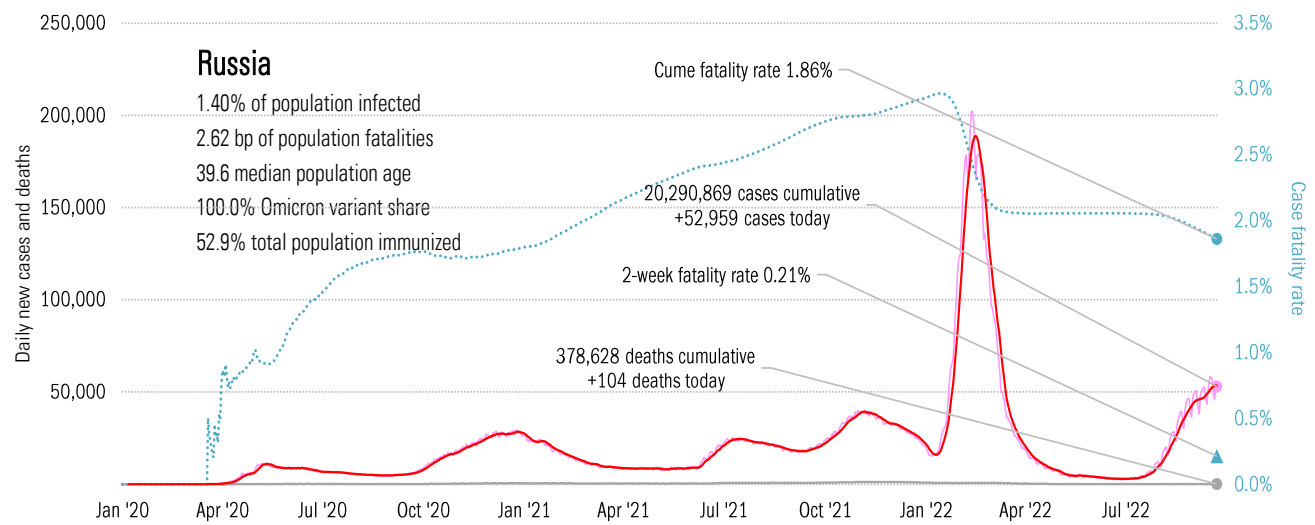
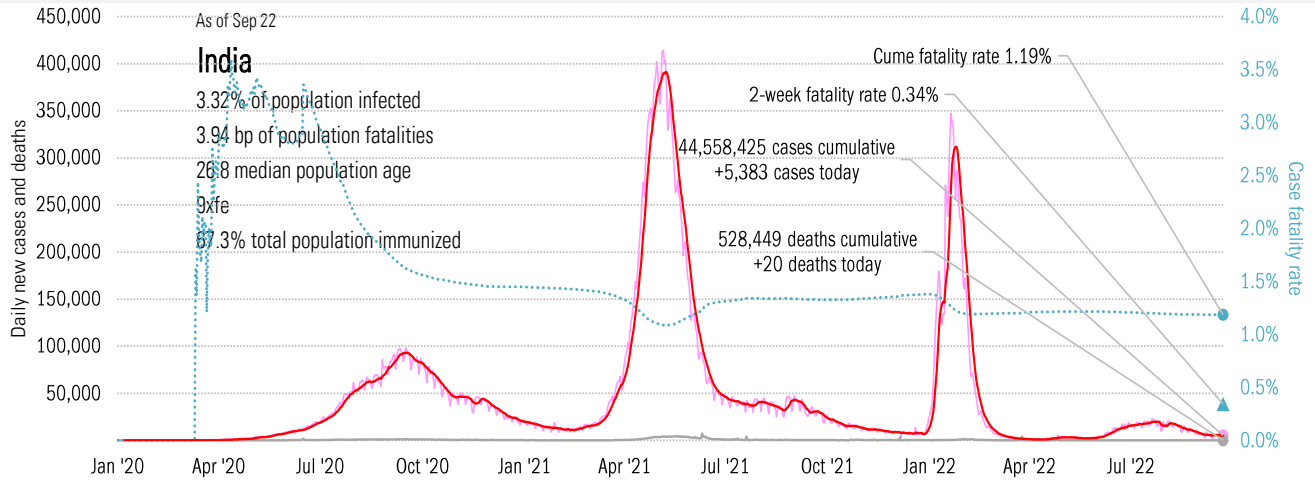
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

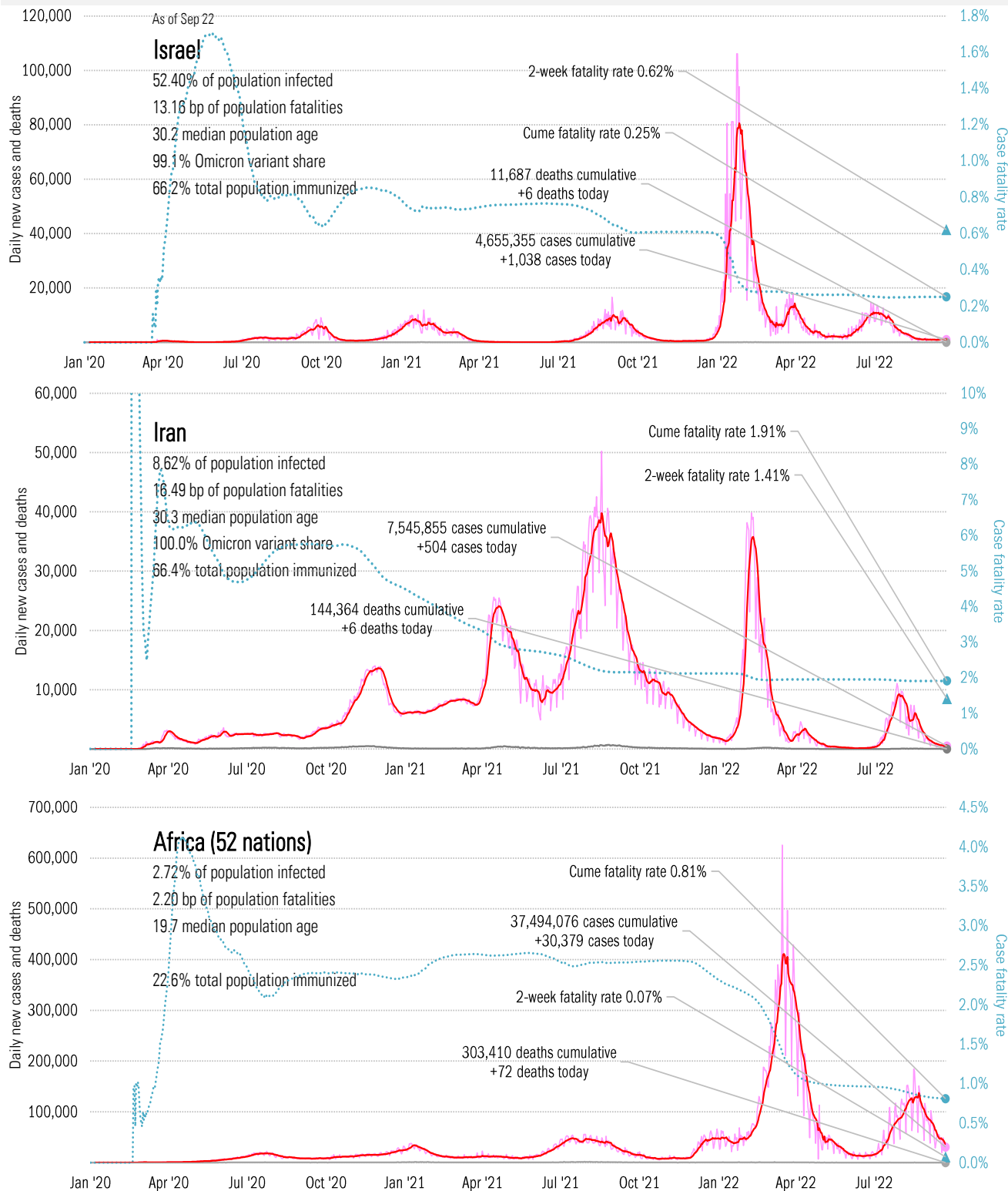
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

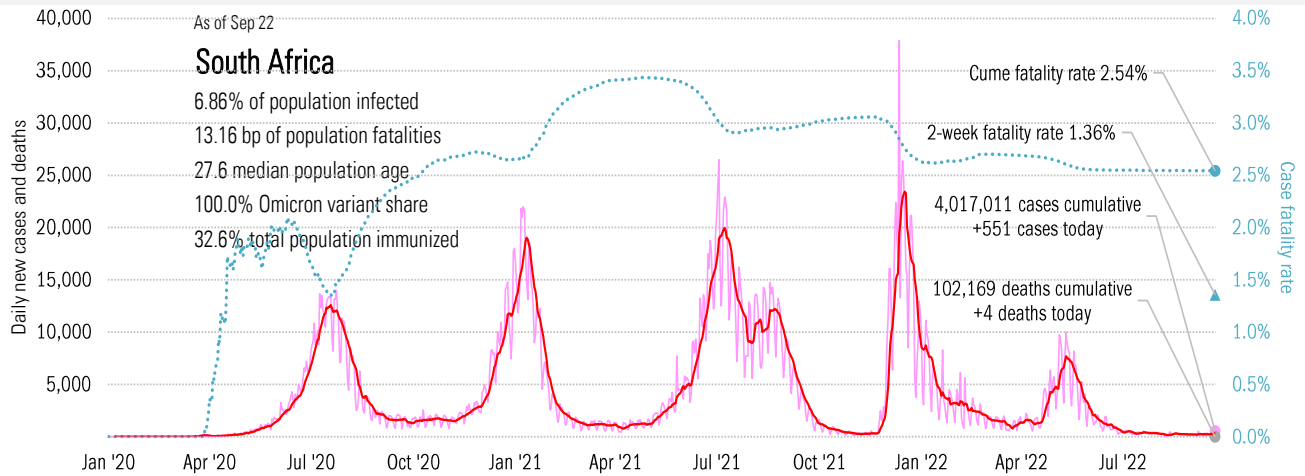
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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