

Data Insights: Covid-2019 Monitor

Sunday, September 4, 2022

The global scorecard

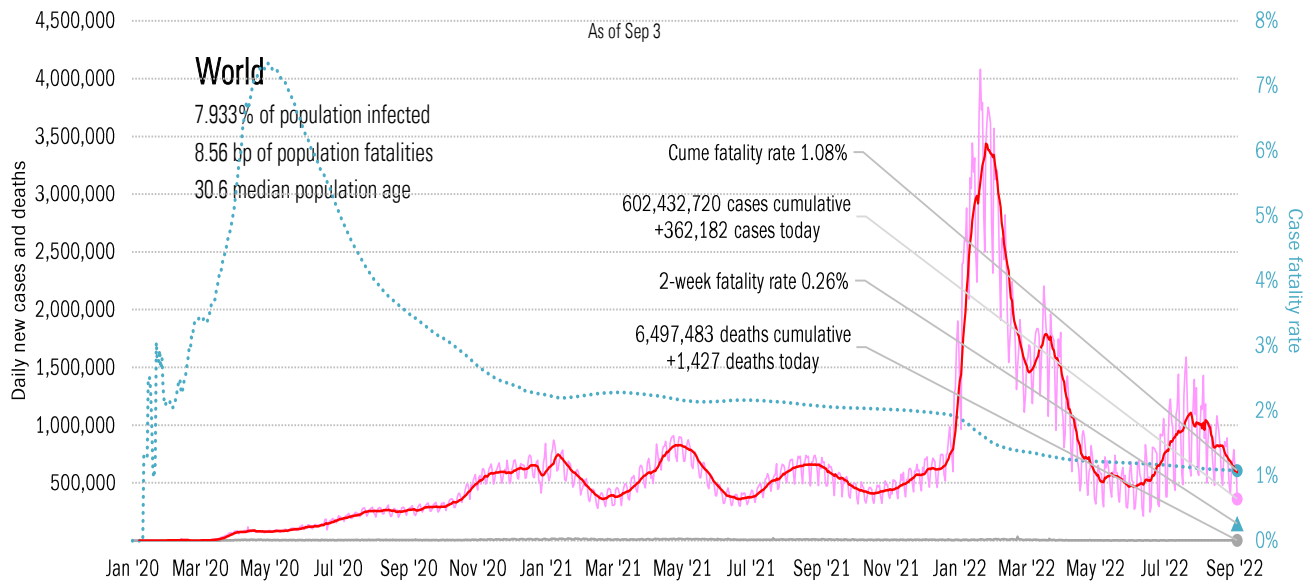
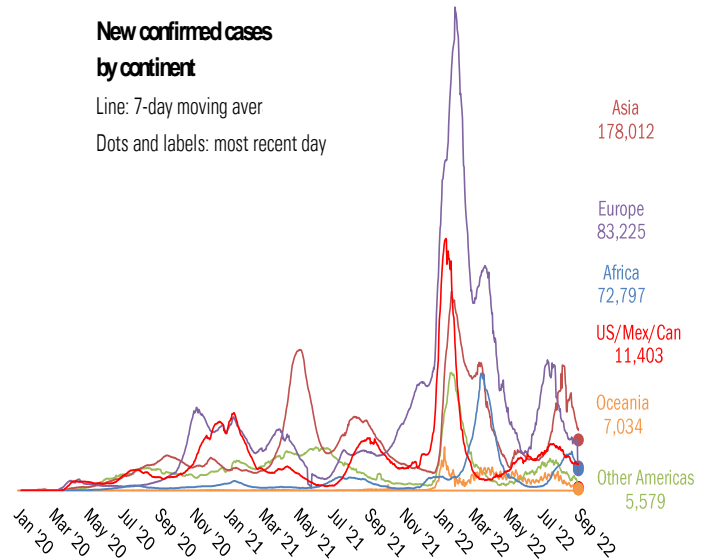
Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	123,037	United States	679
United States	111,232	Japan	288
Korea, South	72,144	Russia	89
Russia	50,922	Korea, South	79
Taiwan*	32,758	Philippines	52
Italy	17,660	Italy	48
India	6,809	Taiwan*	42
Australia	5,935	Iran	30
Chile	5,238	Chile	28
Poland	3,272	India	26
429,007		1,361	
World	362,182	World	1,427
Top ten	118%	Top ten	95%

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

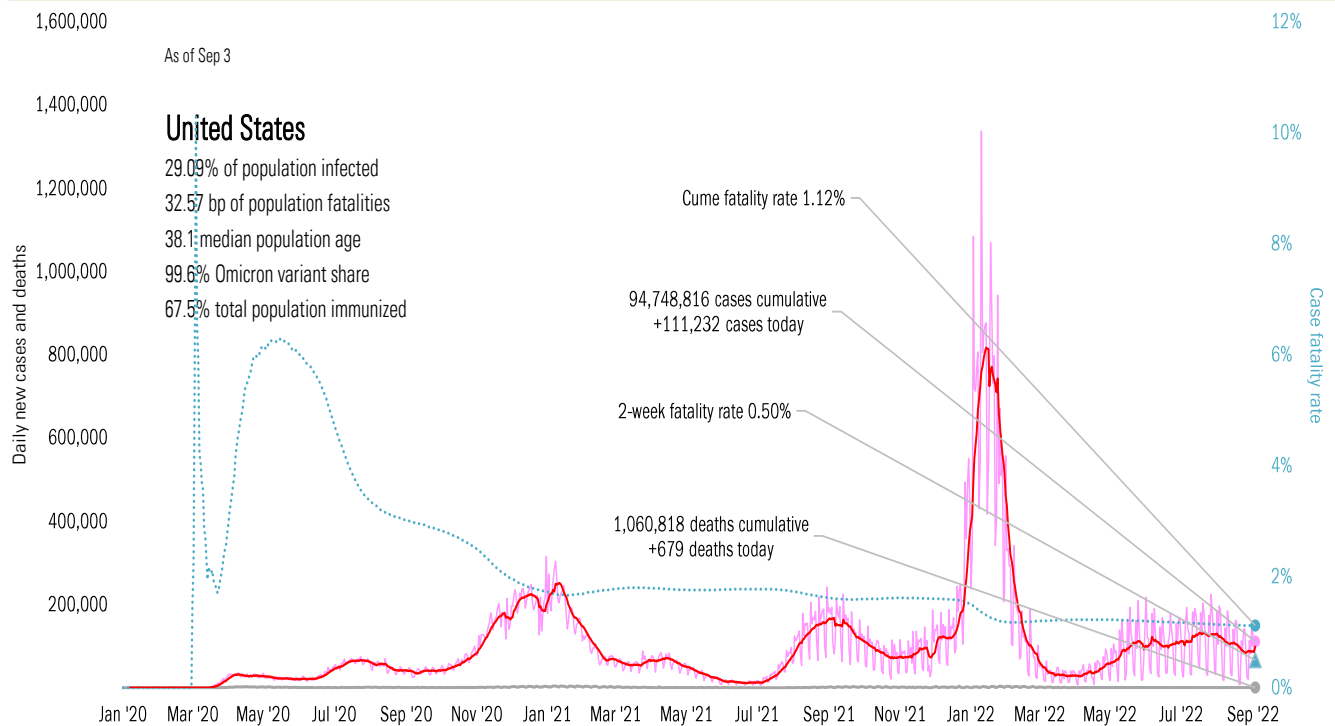
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use		
CA	26,842		NC	70		PA	216		CA	11,120,267	CA	94,973	TX	537,479	MD	95%	NM	89%				
TX	10,731		CA	67		AL	121		TX	7,869,972	TX	90,362	CA	489,837	RI	90%	TX	84%				
KS	5,650		FL	65		VA	124		FL	7,048,632	FL	80,037	FL	484,712	MA	87%	WA	84%				
IN	4,394		KS	61		MI	175		NY	6,000,663	NY	71,180	NY	291,978	WA	86%	NC	84%				
IL	4,252		TX	40		CT	74		IL	3,696,385	PA	46,716	GA	222,703	MO	84%	AL	82%				
OK	3,790		IN	36		KY	114		PA	3,185,902	GA	39,772	CH	213,276	MN	84%	MA	82%				
CH	3,611		WA	29		MN	74		NC	3,120,822	CH	39,490	PA	199,069	DE	83%	AK	82%				
ID	3,300		ID	25		WA	84		CH	3,074,826	IL	39,370	IL	182,343	AK	81%	DC	82%				
NC	3,128		VA	24		IL	214		GA	2,870,629	MI	38,038	MI	158,713	MI	81%	VT	82%				
TN	3,085		GA	20		DE	27		MI	2,770,359	NJ	34,583	KY	142,638	DC	81%	GA	80%				
68,784			437			1,223			50,758,457			574,521			2,922,748							
All states	111,232		679			4,846			All states	94,748,816	1,060,818			5,302,581			All states	70%	67%			
Top ten	62%		64%			25%			Top ten	54%	55%			55%			Median	76%	73%			

Some states not reporting

Five most improved US states

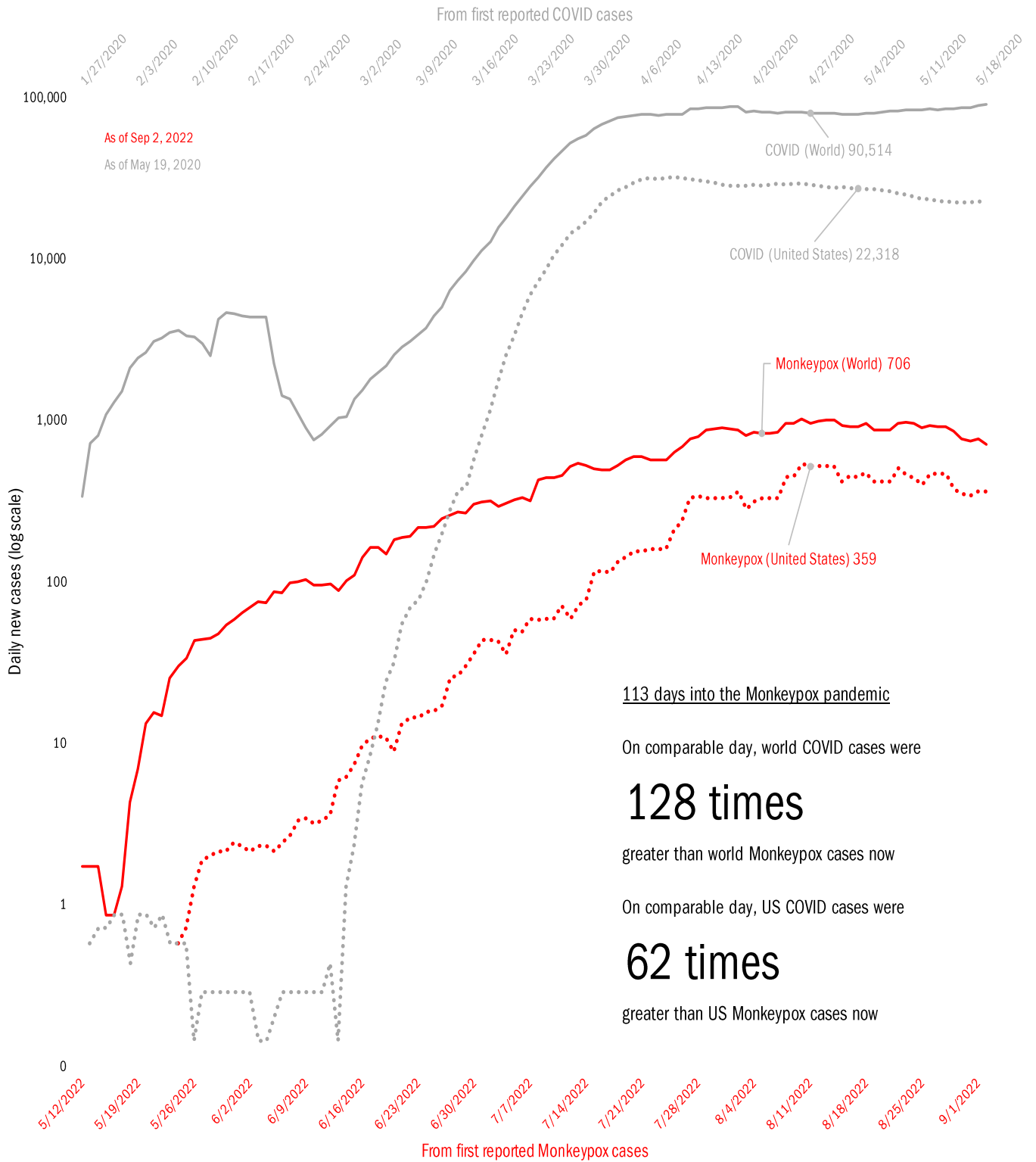
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
MO	-7,956	MO	-10	GA	-108
NY	-1,527	NJ	-4	MA	-81
AR	-395	AR	-2	CH	-56
ME	-84	ME	-1	WV	-29
NJ	-36	AK	0	AR	-22



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

The Monkeypox contextualizer

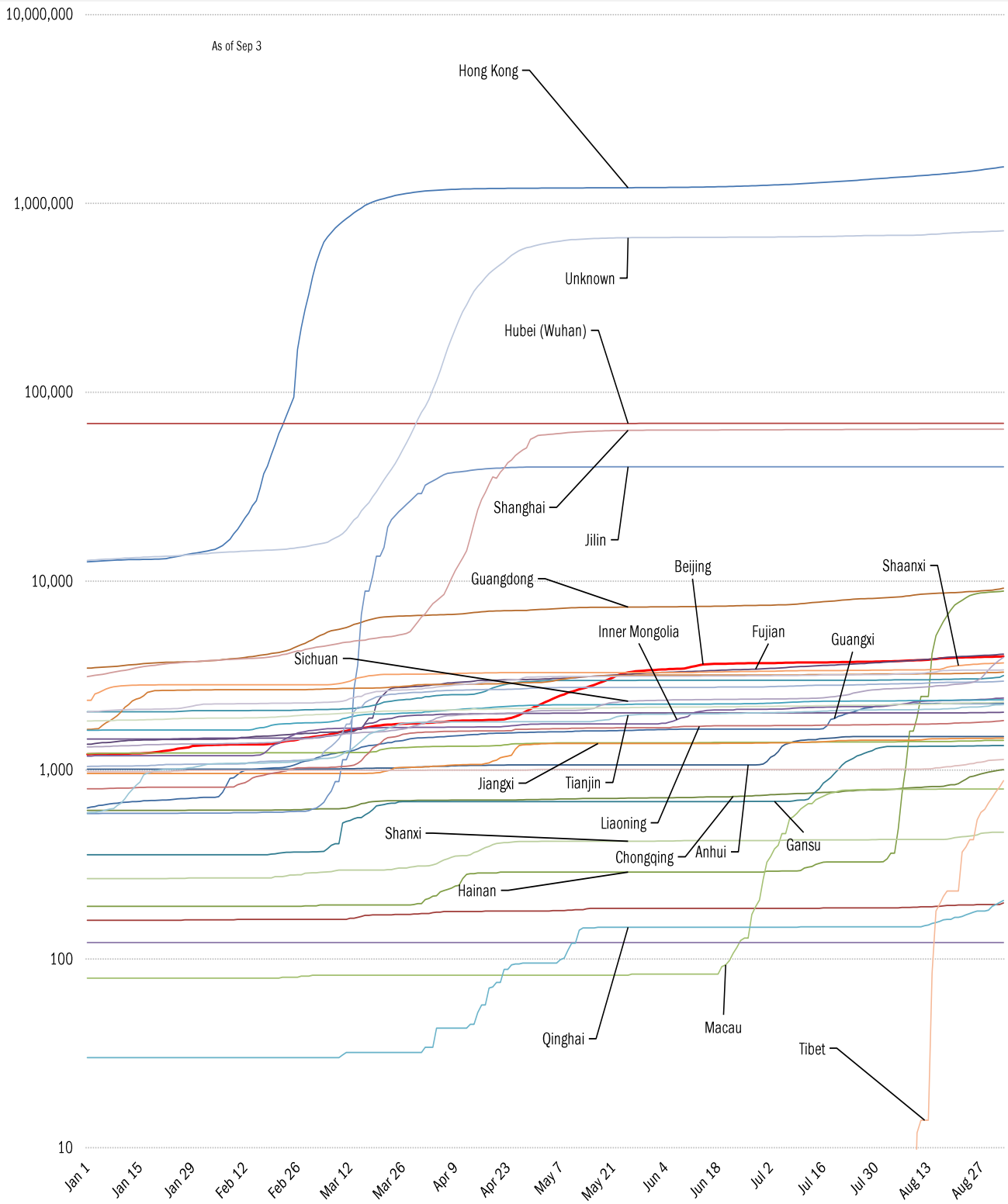
The course of case growth versus COVID



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"

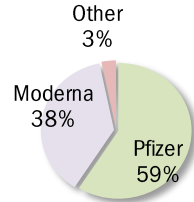


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	625,409,086		+0.159 million	US	67.5%	79.2%
of which boosters	110,937,746		+0.040 million	UK	75.3%	79.9%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	271,085,285	81%	230,645,139	69%	+0.030 million	France 78.7% 80.9%
Age 12 to 17	18,147,800	72%	15,502,666	61%	+0.003 million	Spain 85.6% 87.0%
Age 18 to 64	180,917,757	89%	153,679,296	76%	+0.013 million	Germany 76.1% 77.7%
Age 65 and over	59,725,410	100%	52,247,392	95%	+0.003 million	Italy 81.0% 85.8%
						Australia 84.0% 86.5%
						Israel 66.2% 72.3%
						Canada 82.7% 86.7%
						Japan 82.4% 83.6%
						Africa 22.0% 28.0%
						India 67.0% 72.8%
						Brazil 80.1% 87.0%
						China 89.0% 91.3%



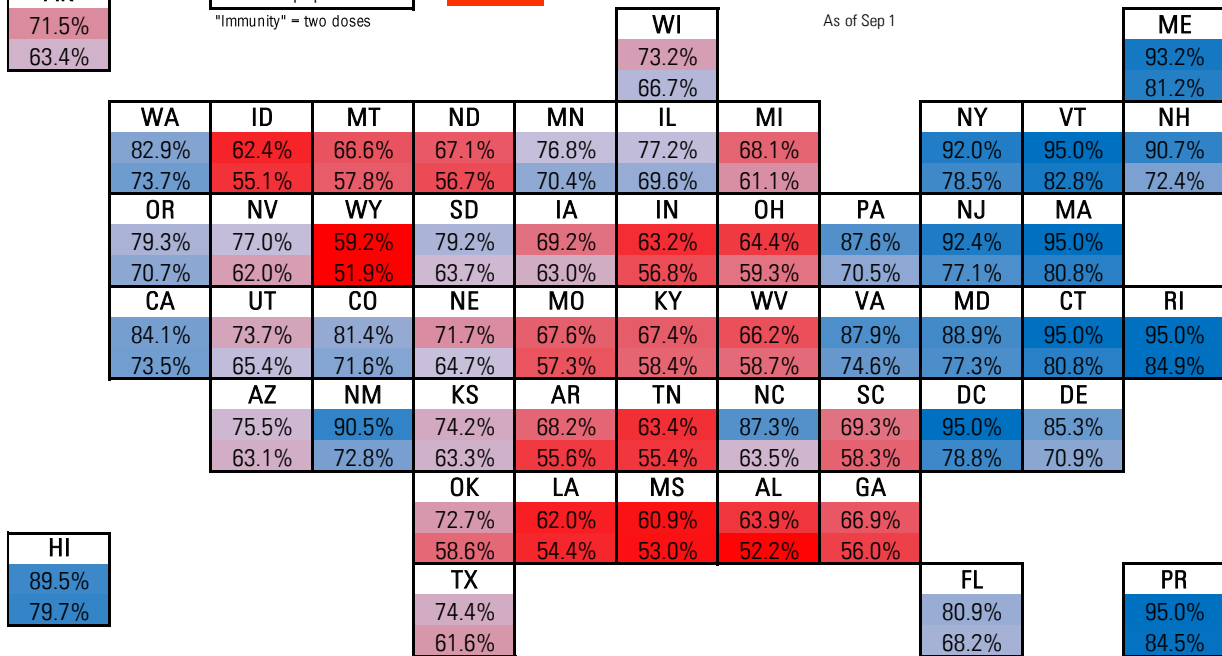
AK	71.5%
	63.4%

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

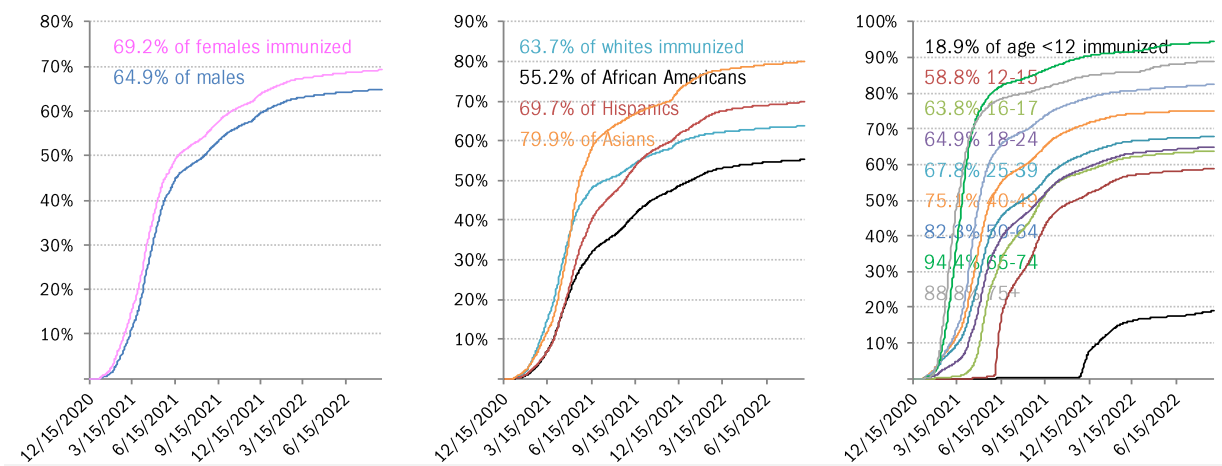
Best
Middle
Worst

"Immunity" = two doses

Global data differs due to sources, timing



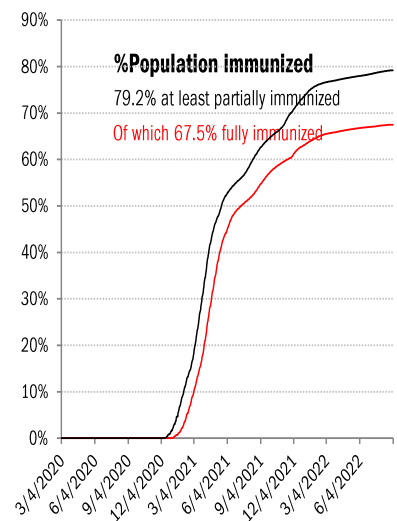
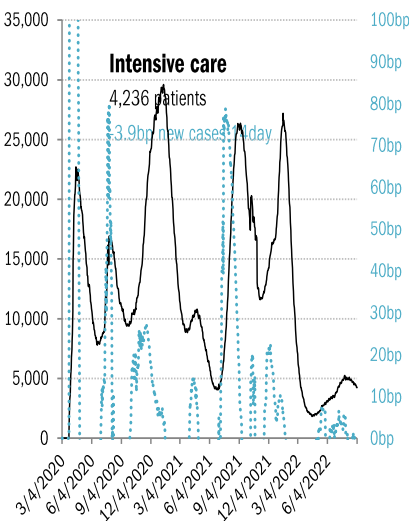
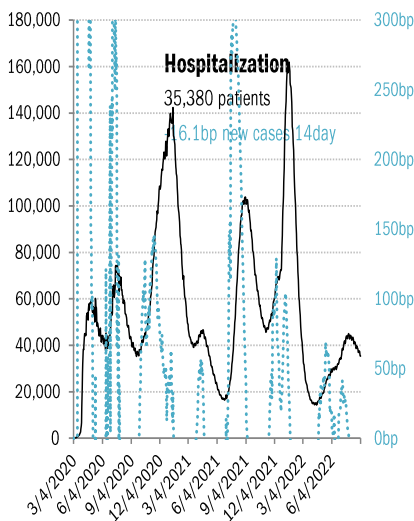
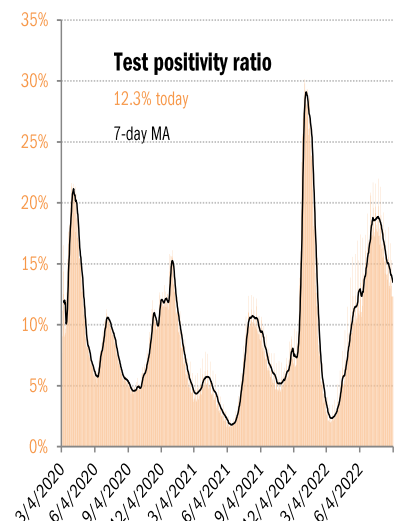
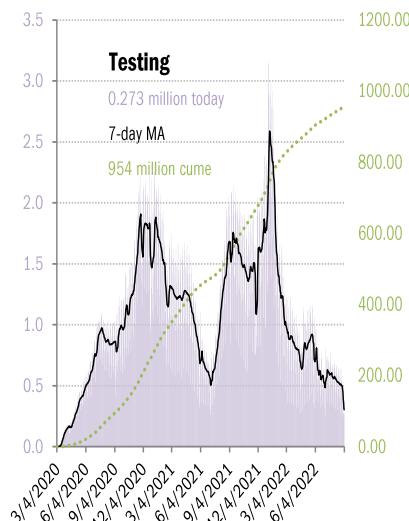
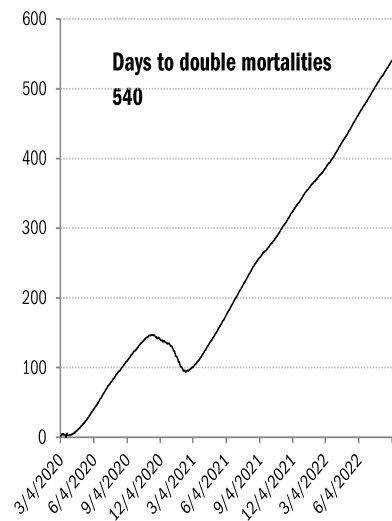
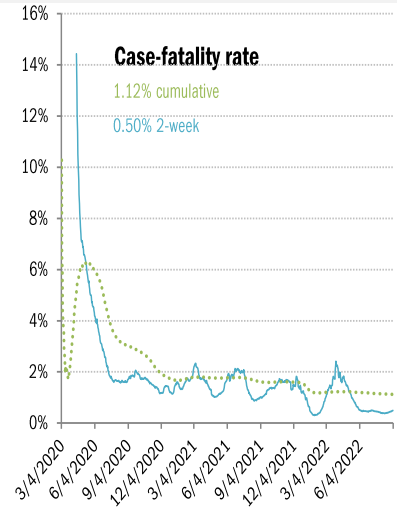
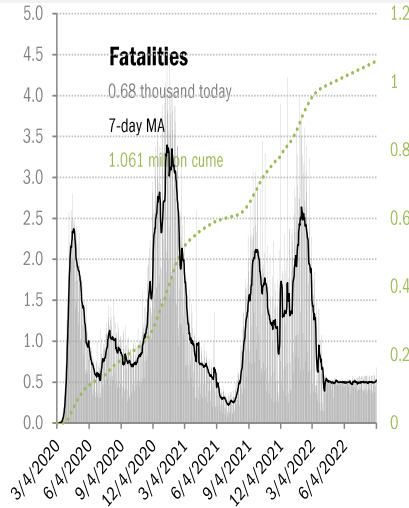
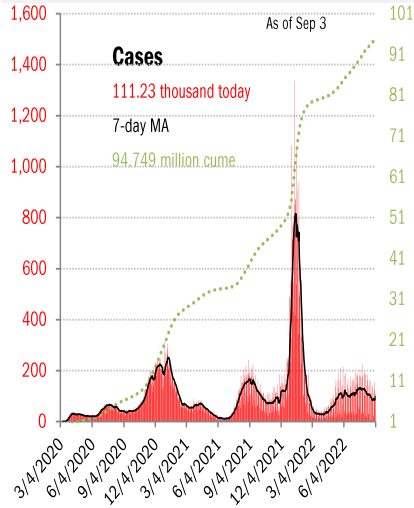
The demographics of US vaccination



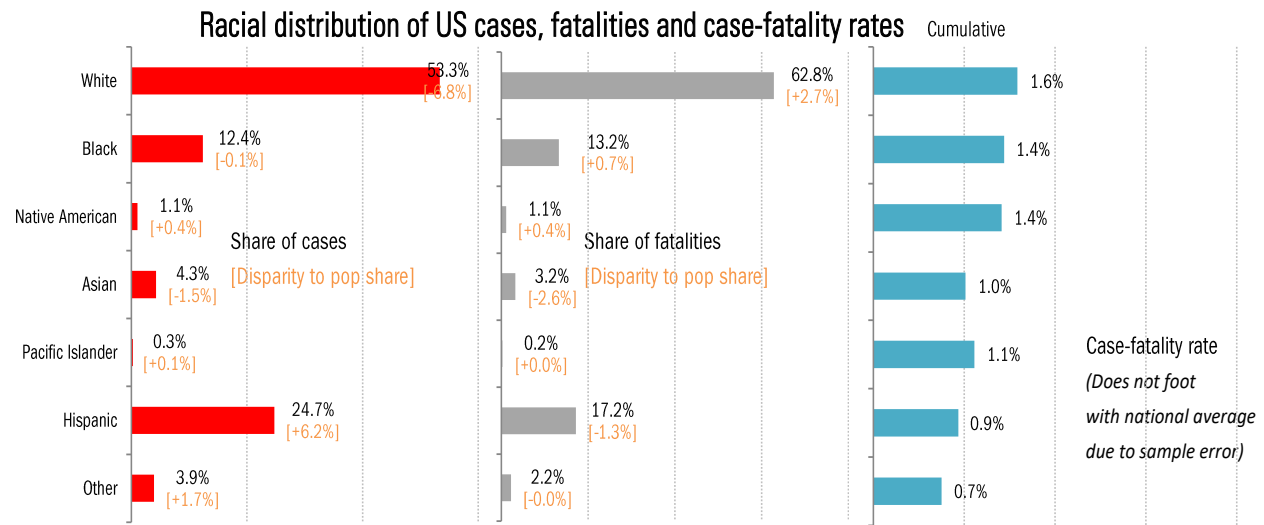
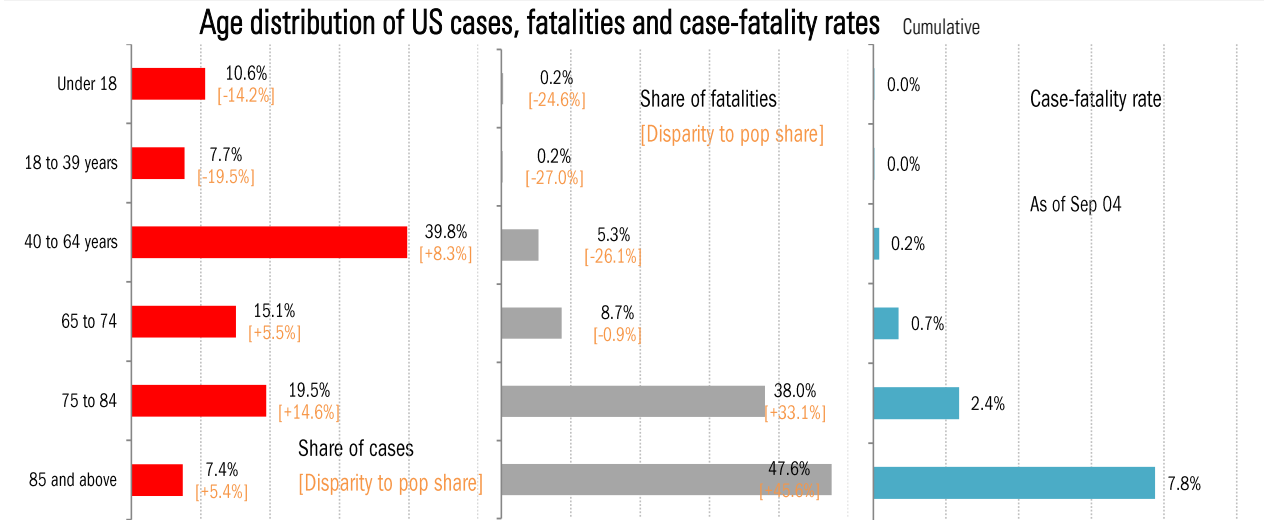
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

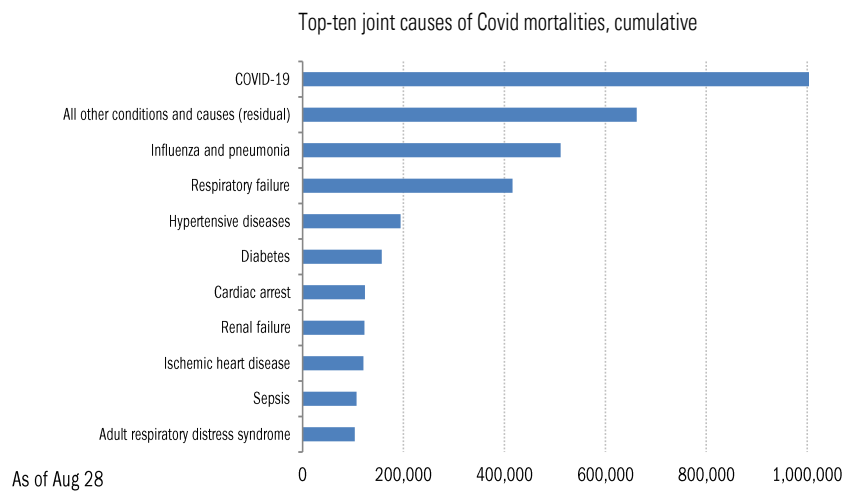
National and state-by-state data do not line up because of different sources



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

[Students in Jackson are trying to contend with the Mississippi water crisis — and dreading virtual classes](#)

Phil McCausland
NBC News
September 4, 2022

[The Americans Who Never Went Back to Work After the Pandemic](#)

Nicholas Eberstadt
Wall Street Journal
September 2, 2022

[NCLA Suit Uncovers Army of Federal Bureaucrats Coercing Social-Media Companies to Censor Speech](#)

New Civil Liberties Alliance
September 1, 2022

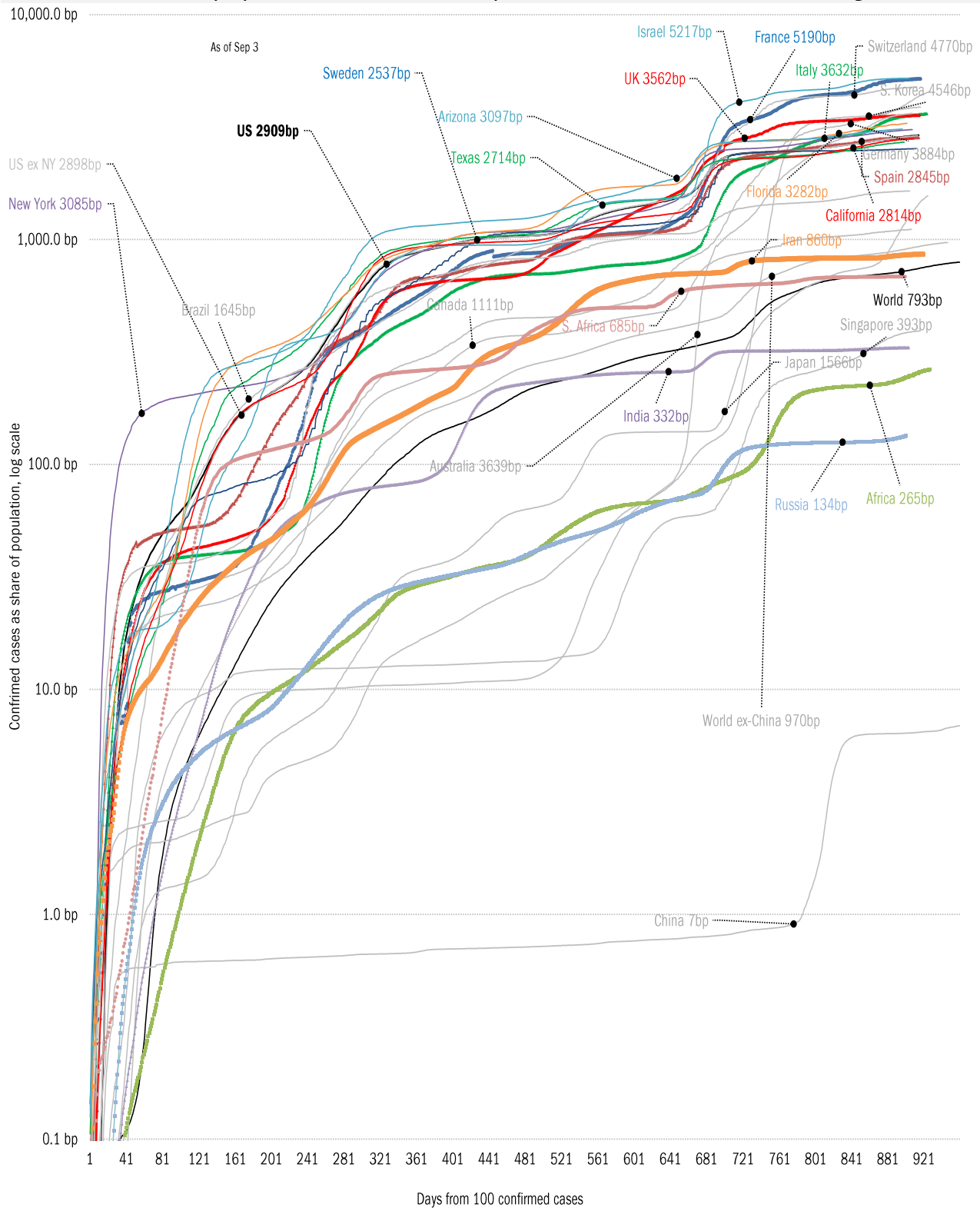
Meme of the day



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

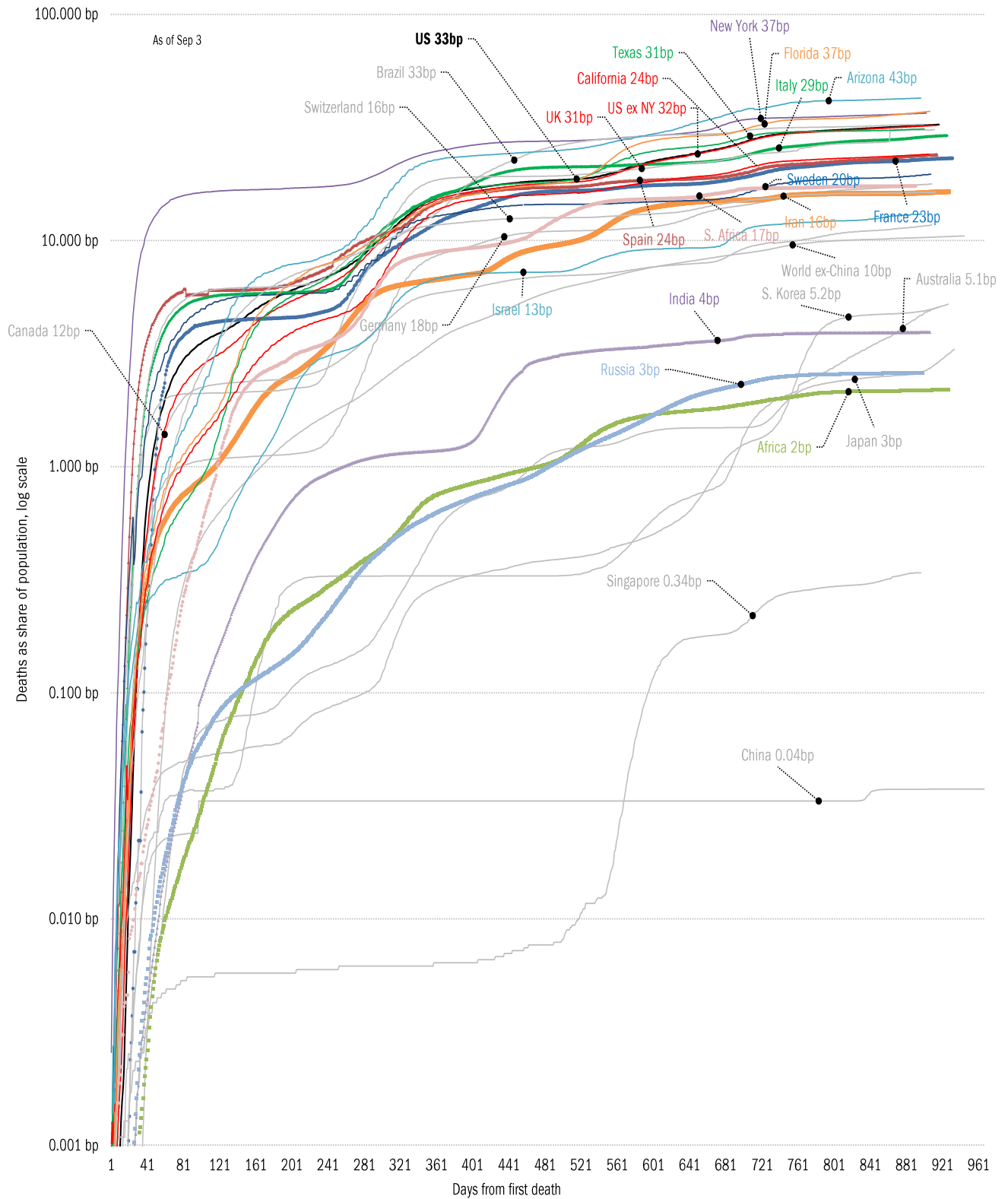
The global coronavirus case accelerometer... tracking the world's infection curves

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

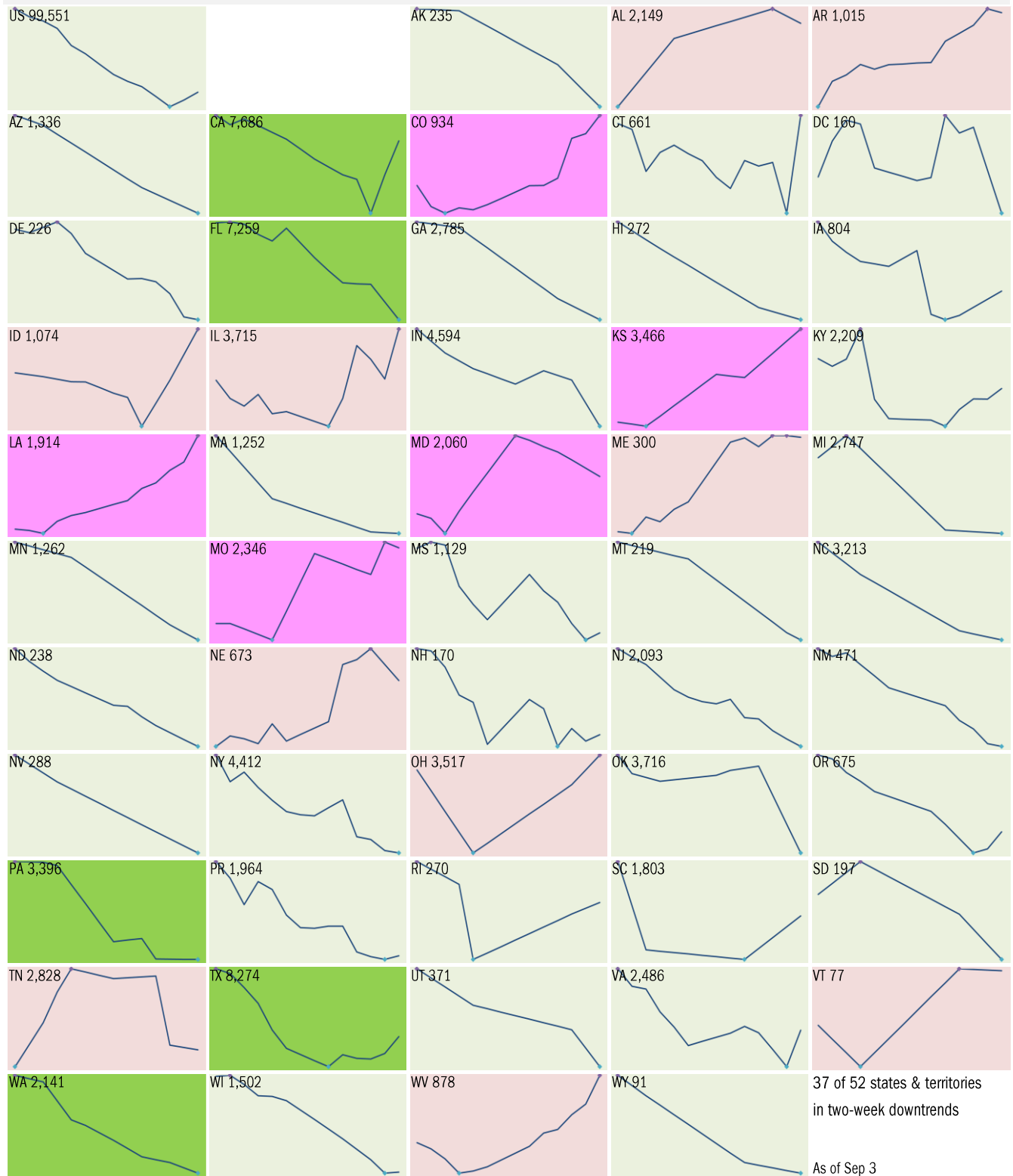


Source: [Johns Hopkins](#), TrendMacro calculations

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

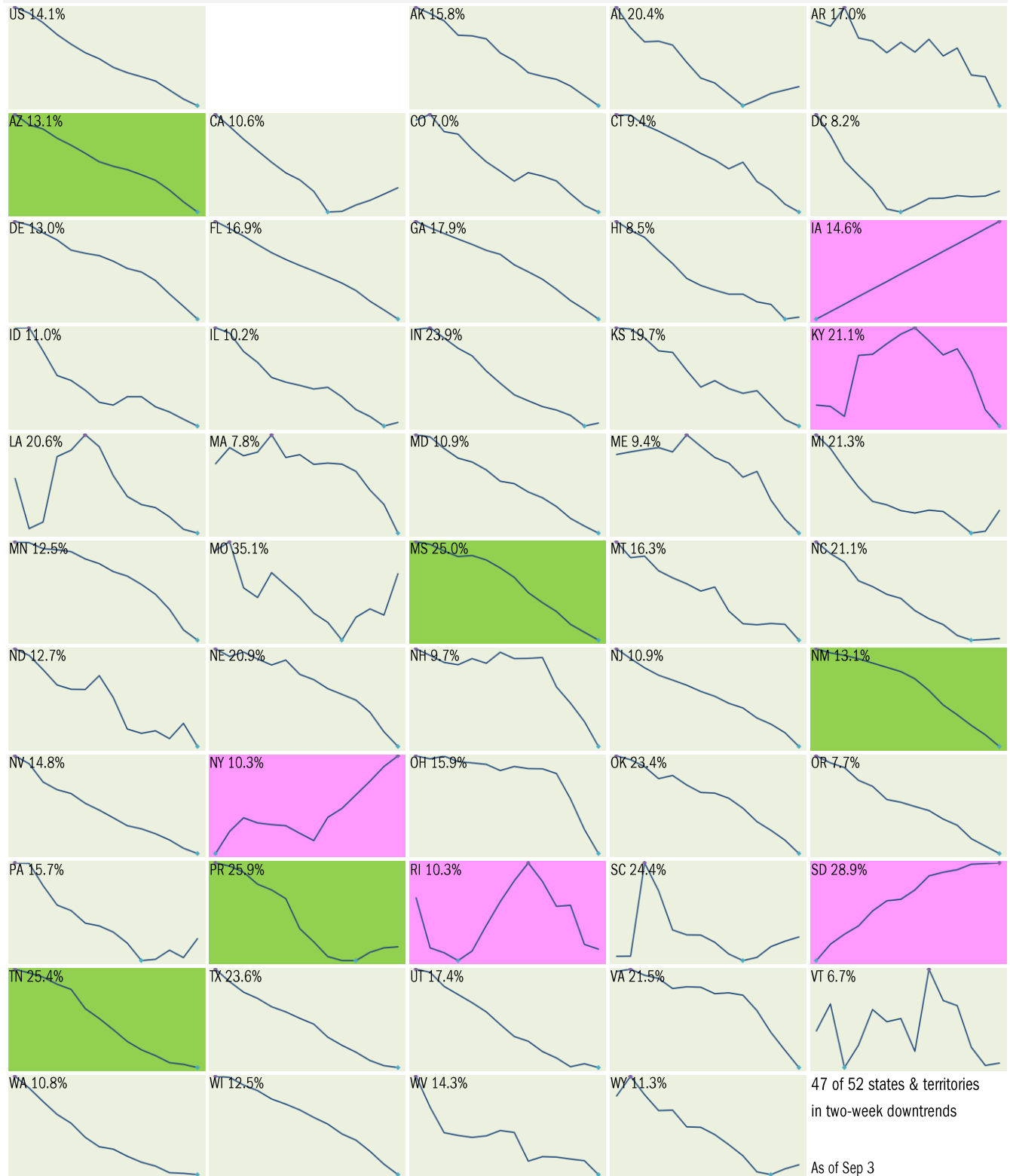


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

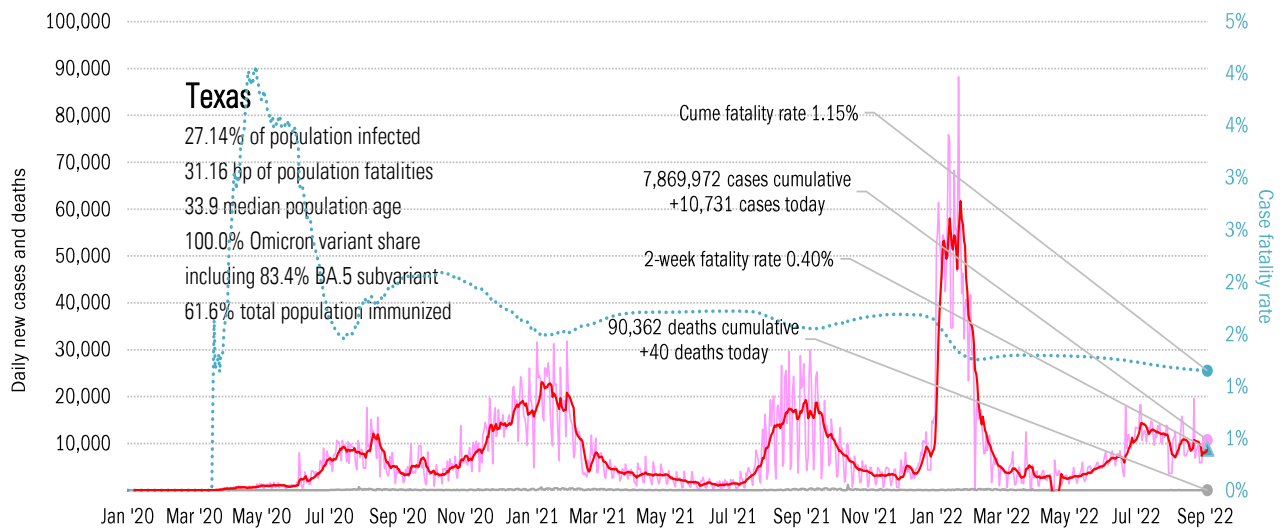
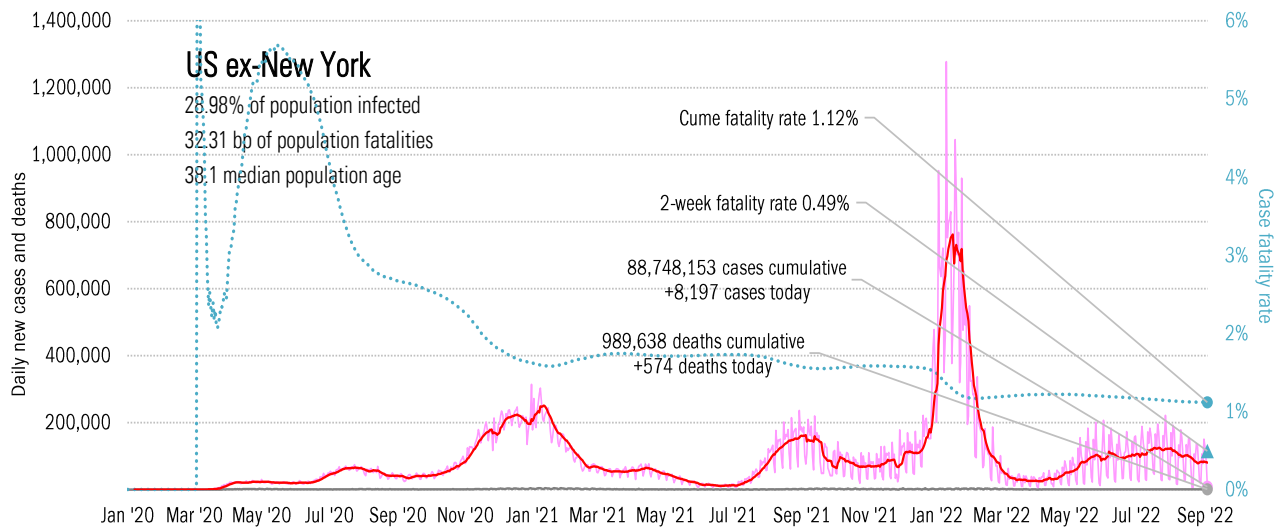
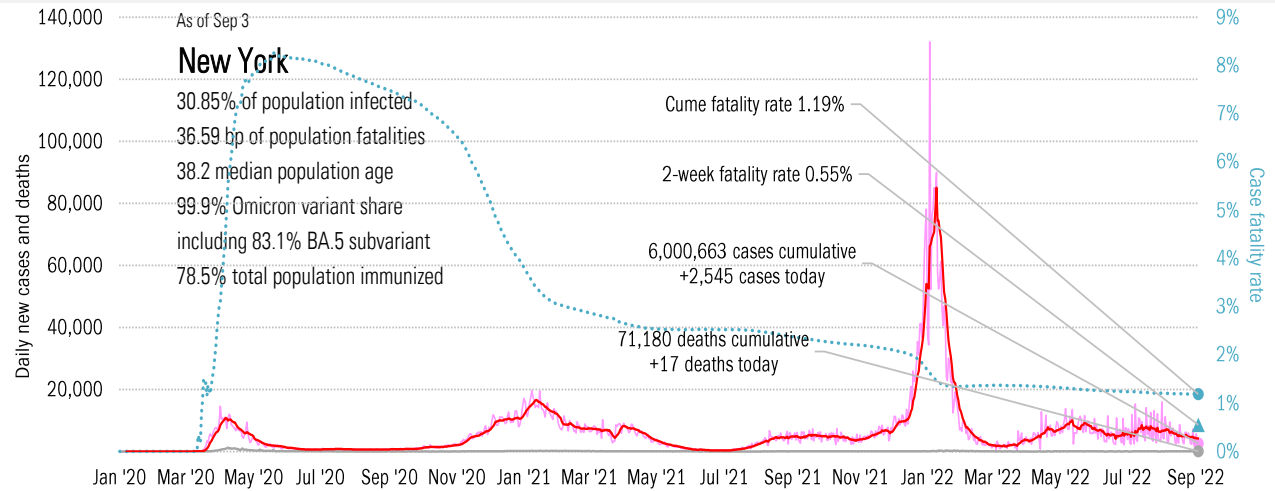
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

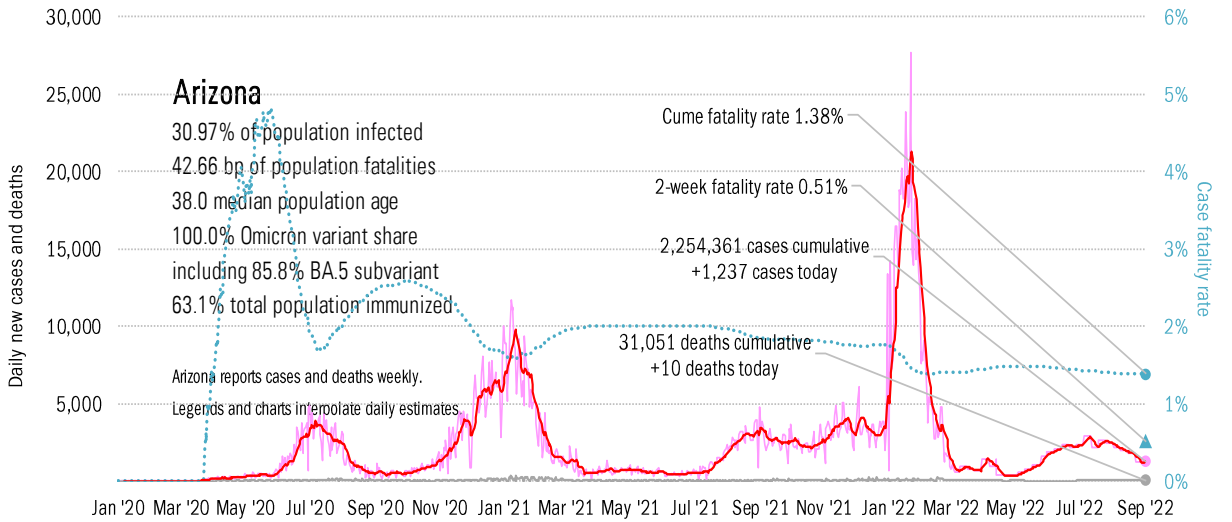
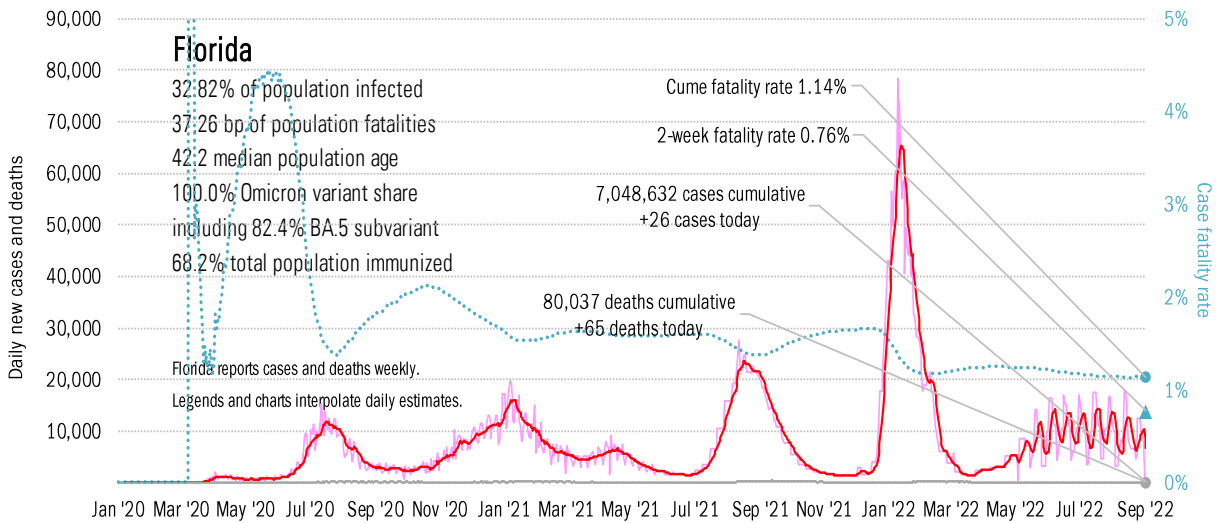
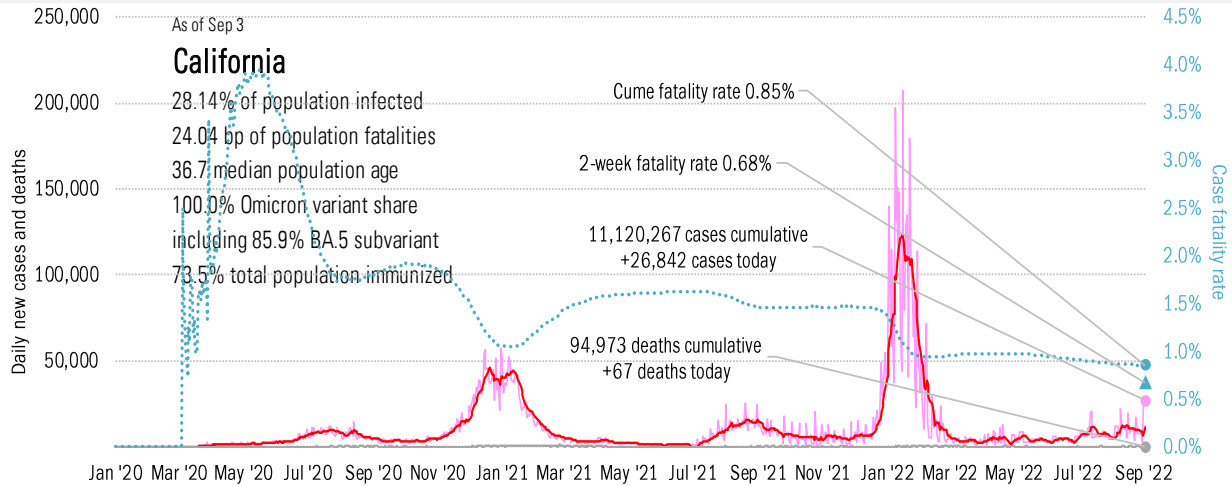
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

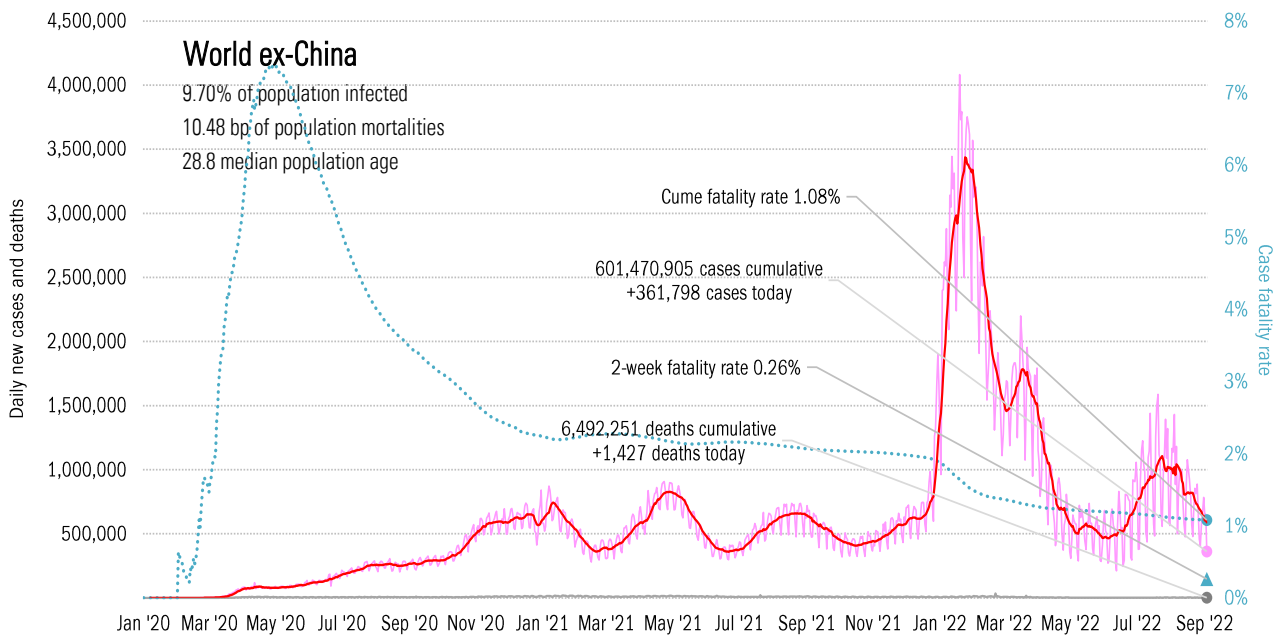
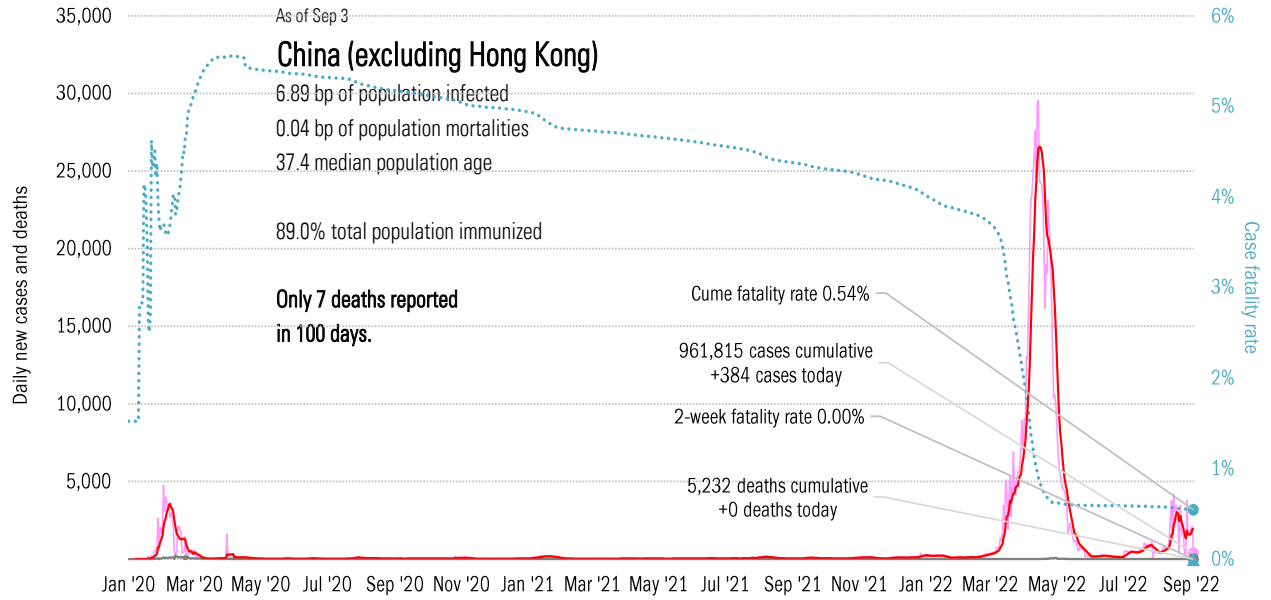
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

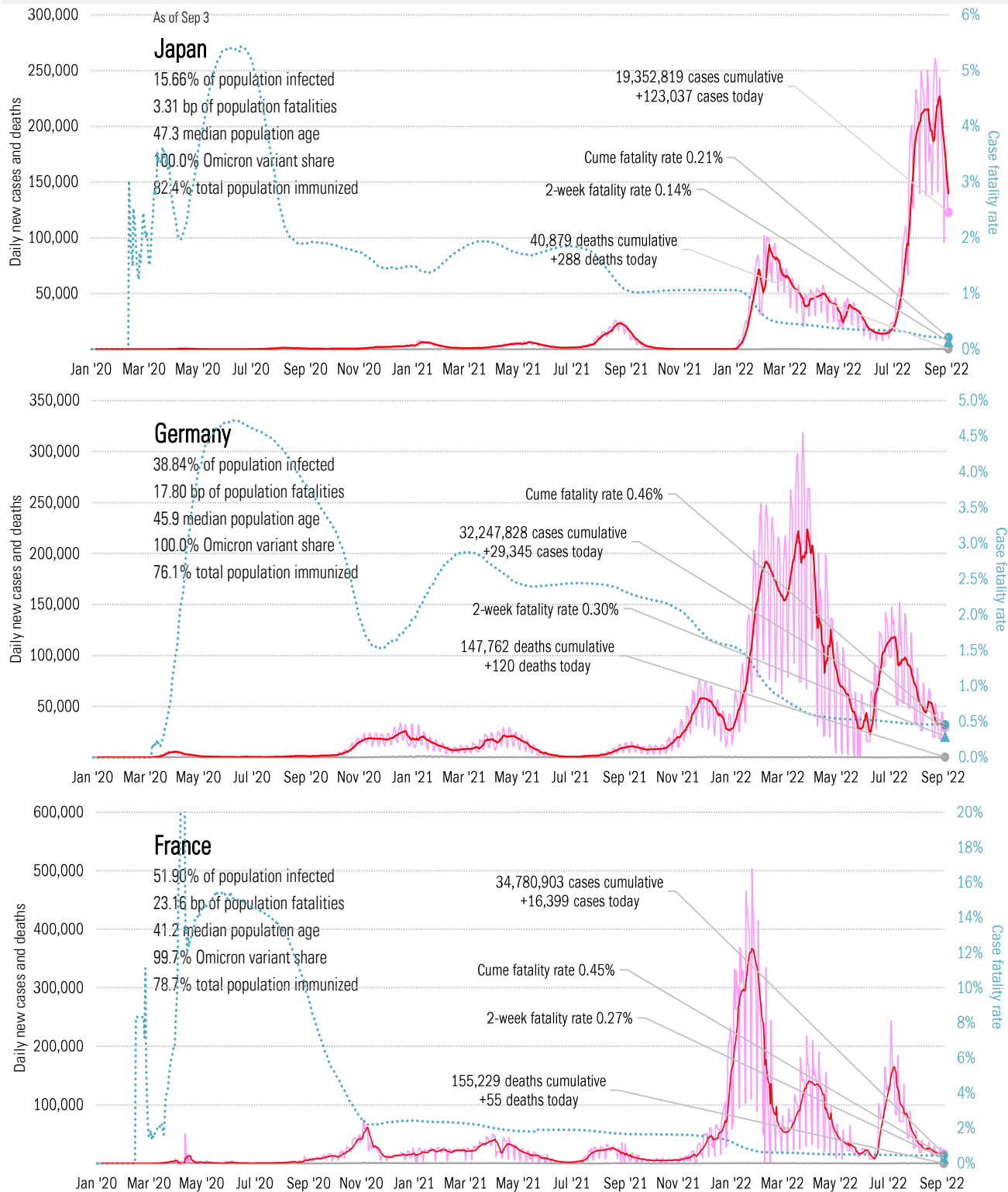
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

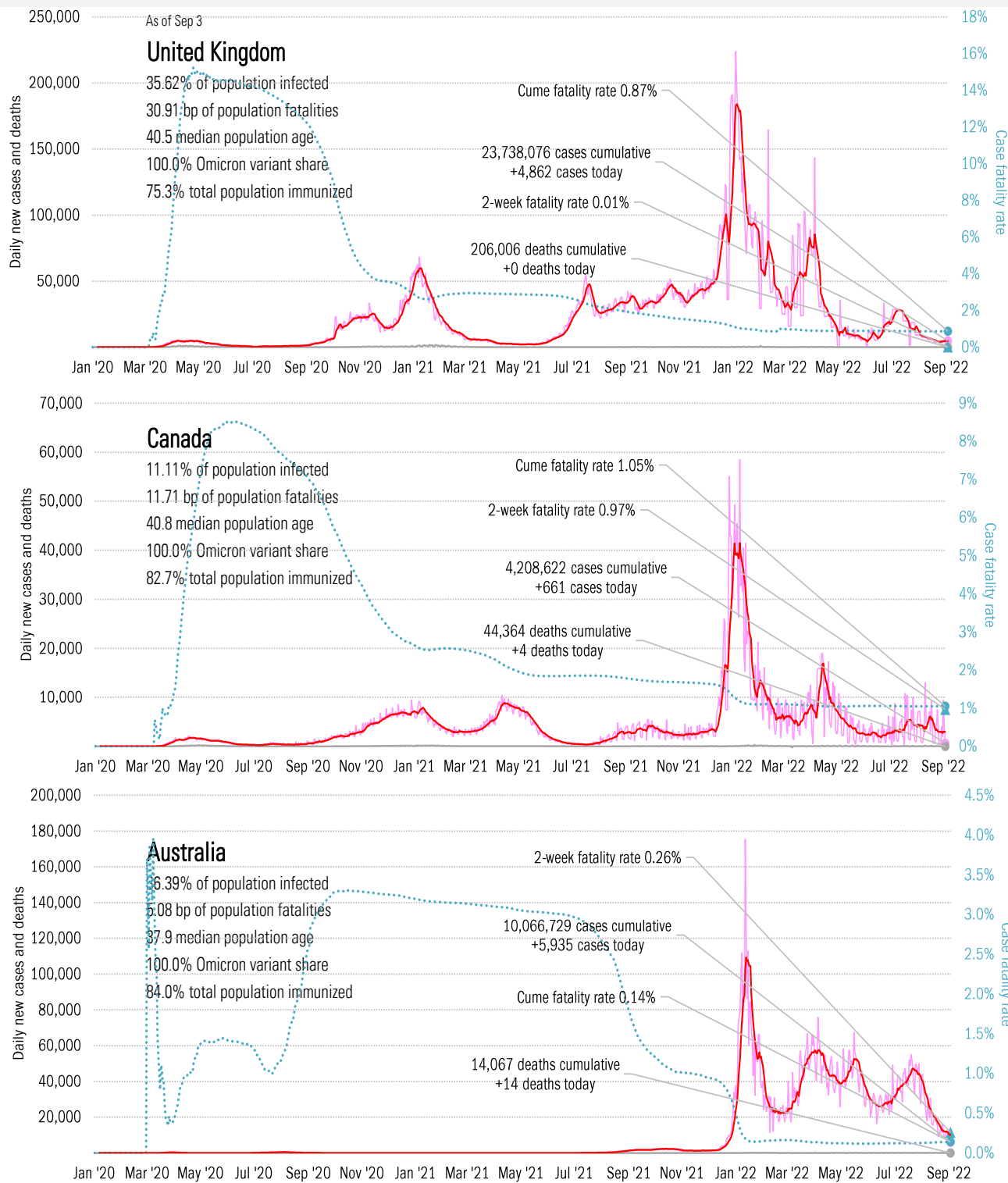
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

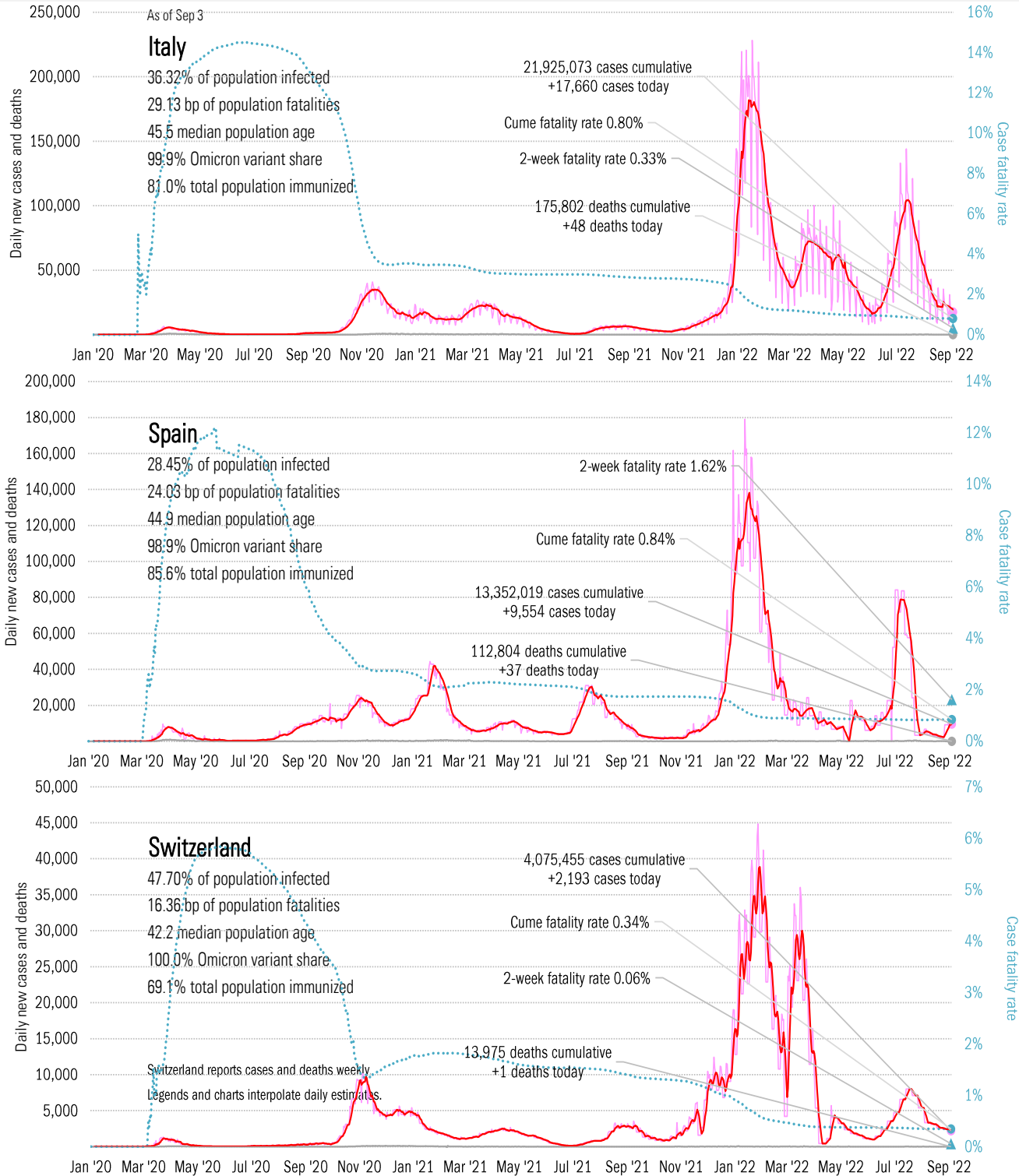
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

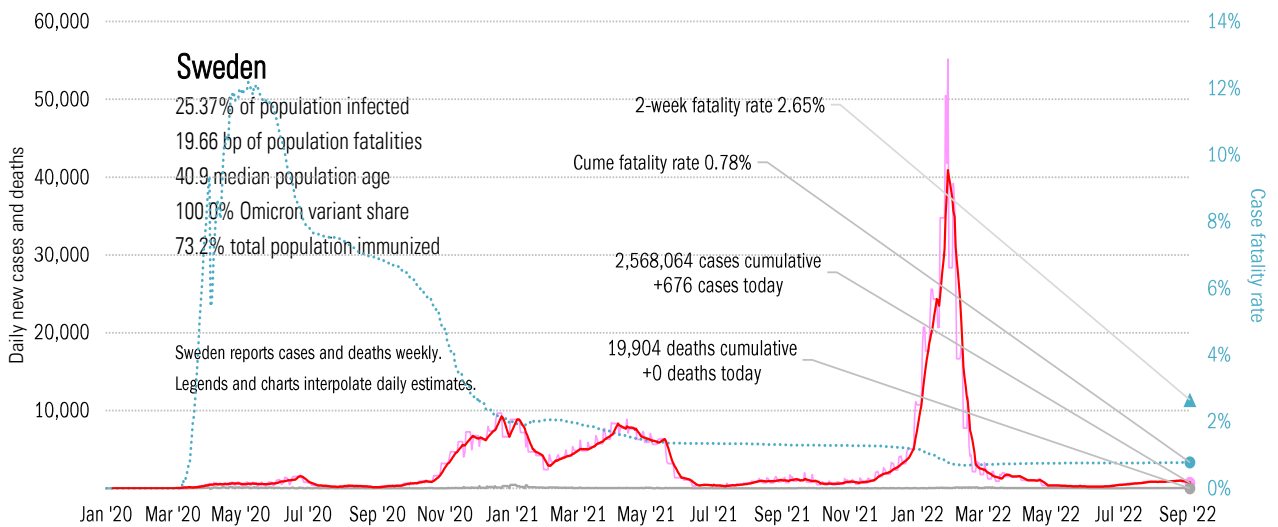
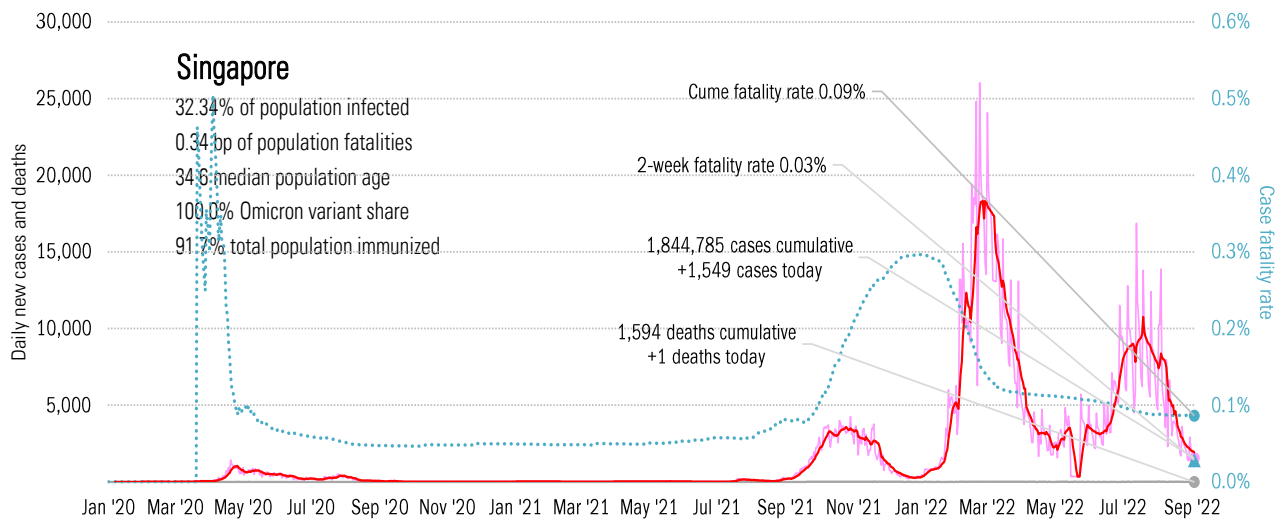
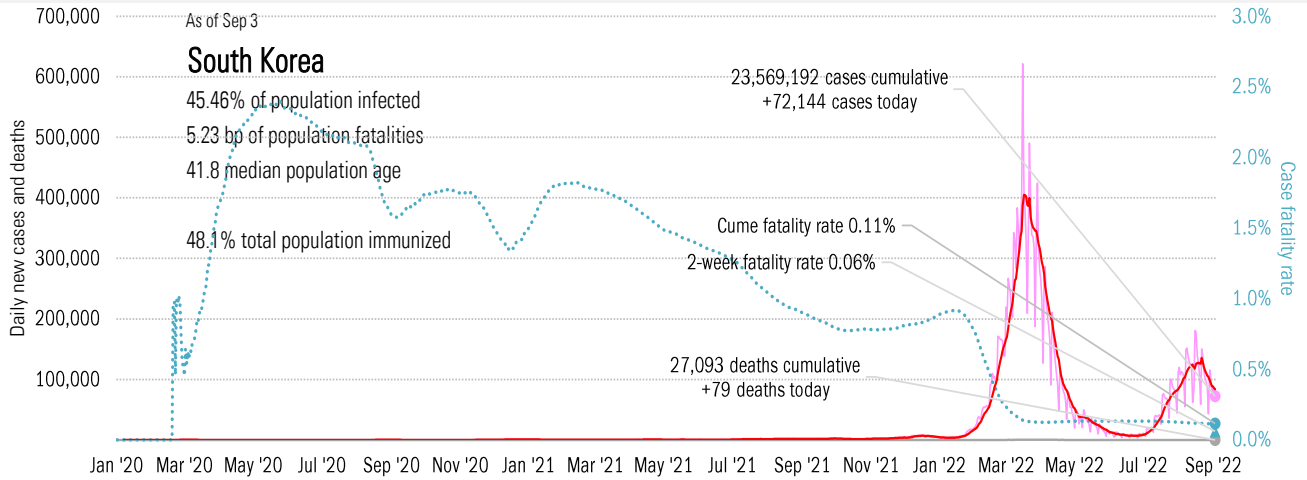
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

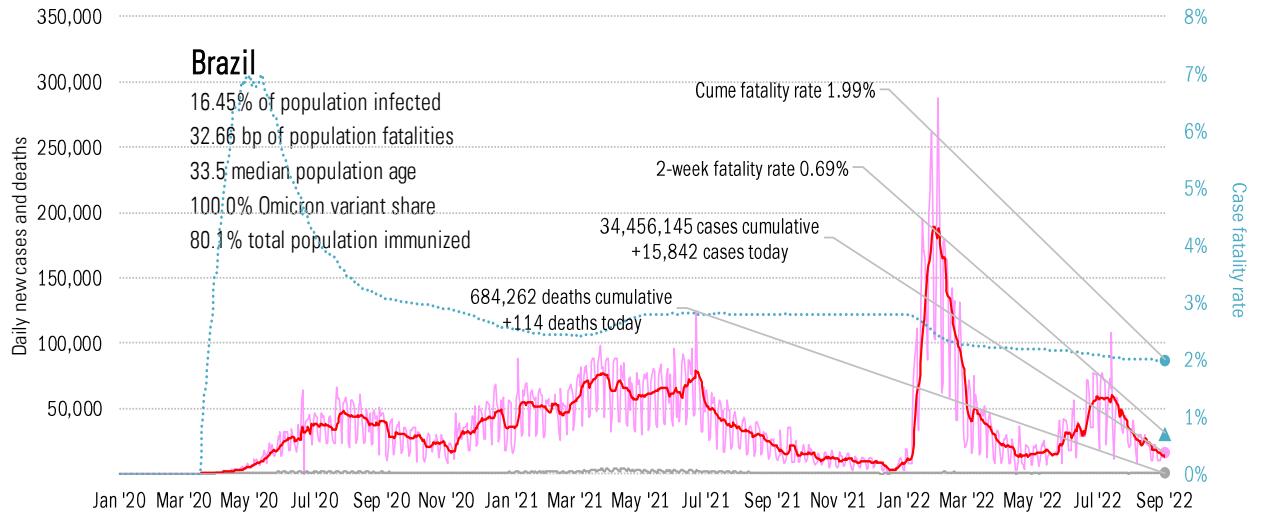
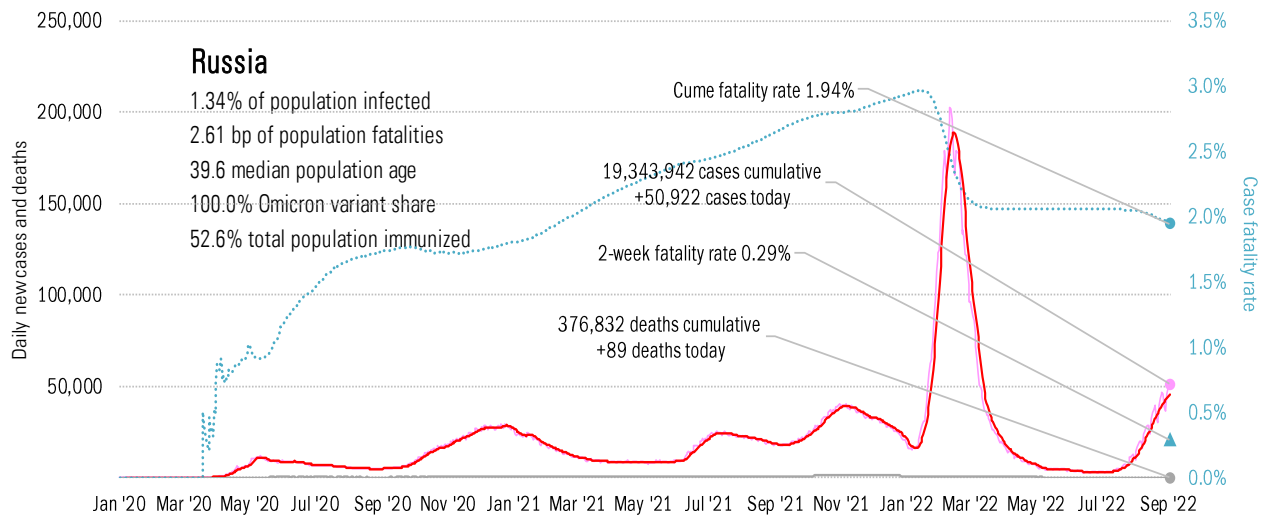
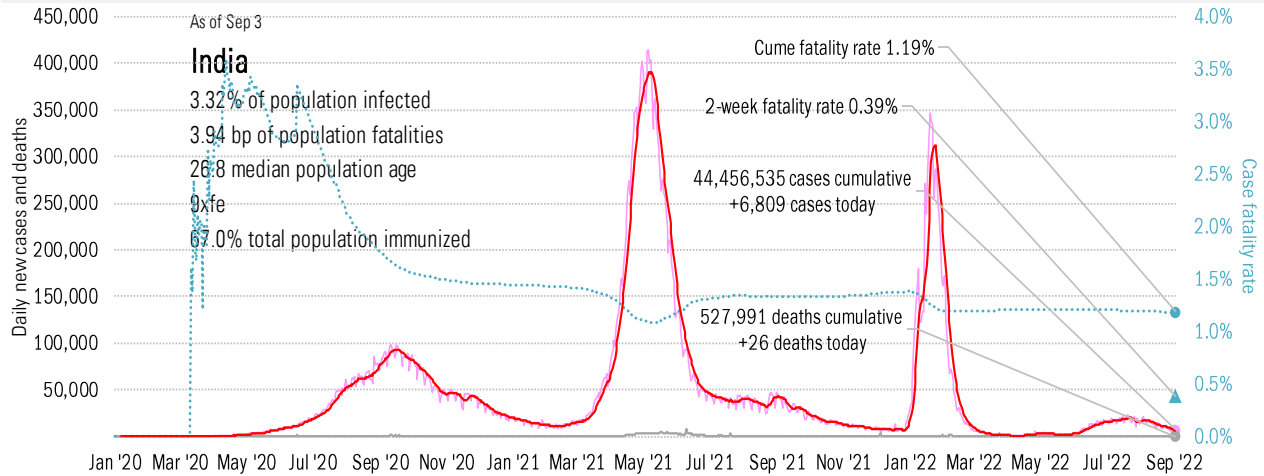
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

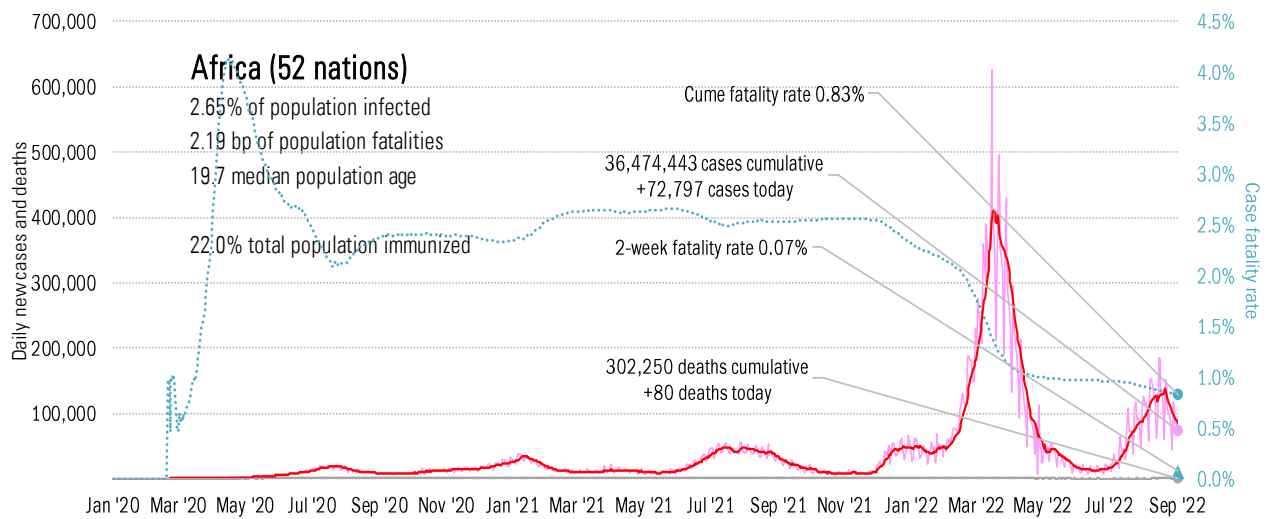
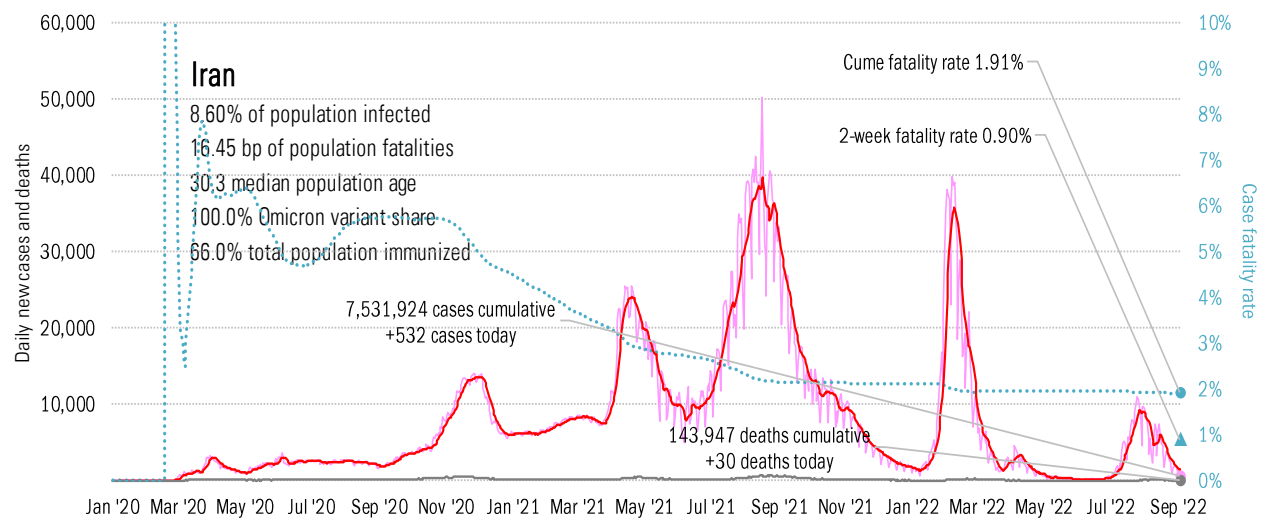
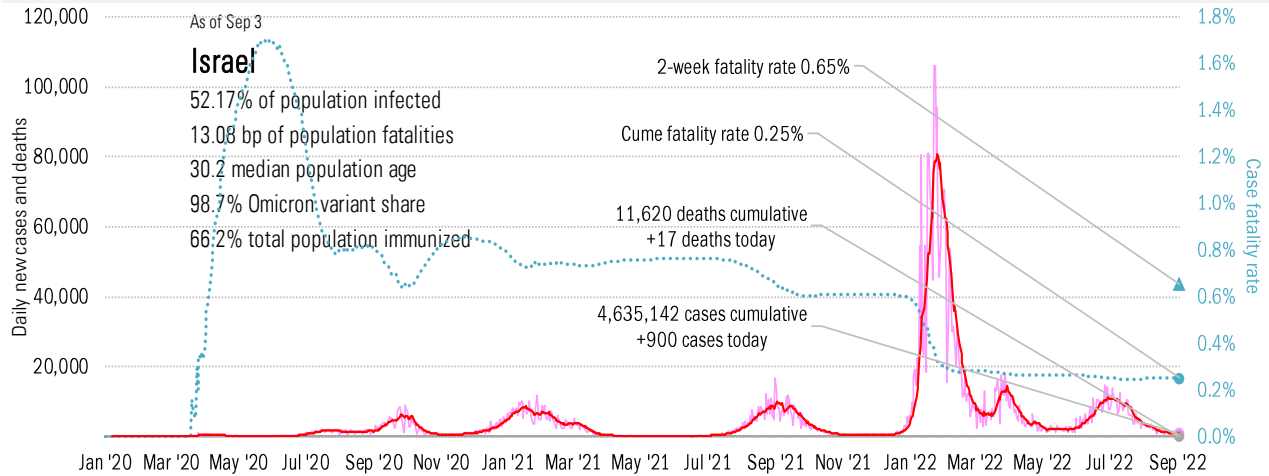
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

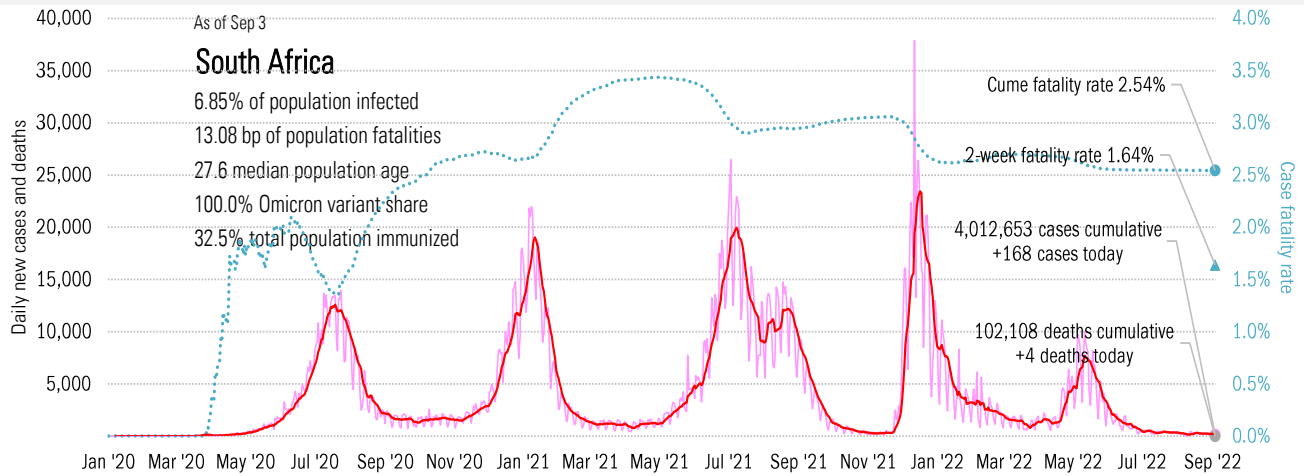
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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