

Data Insights: Covid-2019 Monitor

Saturday, September 3, 2022

The global scorecard

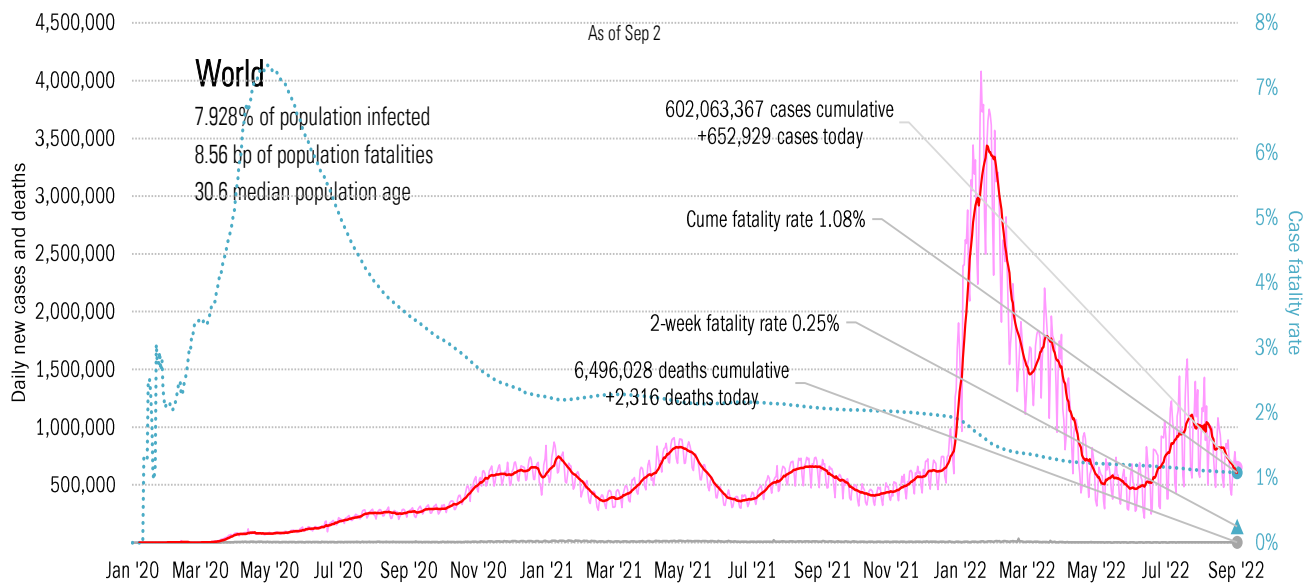
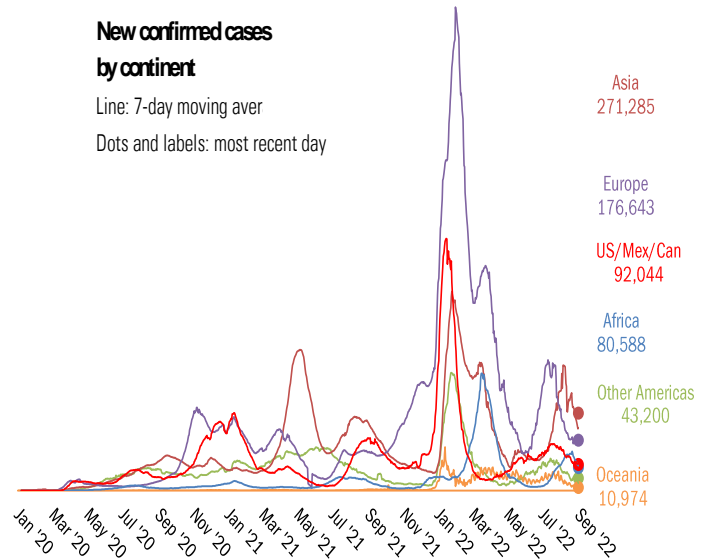
Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	130,182	United States	718
United States	124,740	Japan	350
Turkey	80,020	Brazil	297
Korea, South	79,623	Turkey	231
Russia	50,279	Spain	204
Taiwan*	33,777	Germany	120
Germany	29,345	Chile	92
Brazil	26,292	Italy	91
Italy	19,158	Russia	90
France	16,399	Korea, South	74
589,815		2,267	
World	652,929	World	2,316
Top ten	90%	Top ten	98%

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

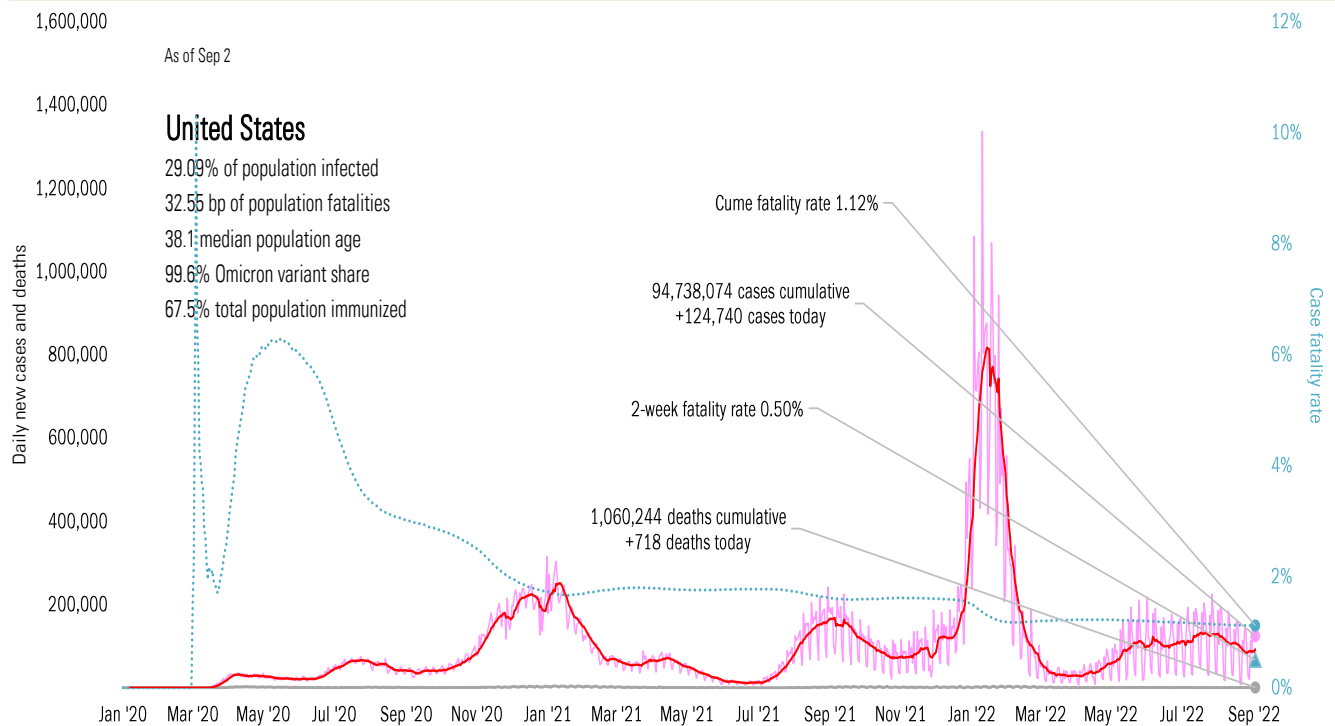
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
CA	26,842		NC	70		GA	235		CA	11,120,267		CA	94,973		TX	537,095		RI	91%	VT	88%
TX	10,731		CA	67		IL	222		TX	7,869,972		TX	90,362		CA	489,371		MA	88%	DC	85%
MO	7,977		FL	65		MI	196		FL	7,048,606		FL	79,972		FL	484,260		MN	85%	TX	85%
FL	7,189		KS	61		AK	17		NY	5,998,118		NY	71,180		NY	291,722		WA	85%	NM	84%
KS	5,650		TX	40		CO	62		IL	3,696,385		PA	46,716		GA	222,644		GA	85%	WA	83%
IL	4,252		TN	32		MN	72		PA	3,185,902		GA	39,772		CH	213,115		MO	84%	NC	83%
NY	4,072		IN	29		MS	47		NC	3,120,822		CH	39,490		PA	198,850		DE	84%	AK	83%
CK	3,790		DE	28		VI	80		CH	3,074,826		IL	39,370		IL	182,130		MD	84%	MA	82%
IN	3,754		WA	27		CT	72		GA	2,870,629		MI	38,038		MI	158,560		DC	82%	AL	82%
CH	3,611		VA	24		CR	52		MI	2,770,359		NJ	34,577		KY	142,499		MI	82%	GA	80%
77,869			443			1,055			50,755,886			574,450			2,920,246						
All states	124,740			718			5,022		All states	94,738,074			1,060,244			5,297,973		All states	70%		67%
Top ten	62%			62%			21%		Top ten	54%			55%			55%		Median	77%		74%

Some states not reporting

Five most improved US states

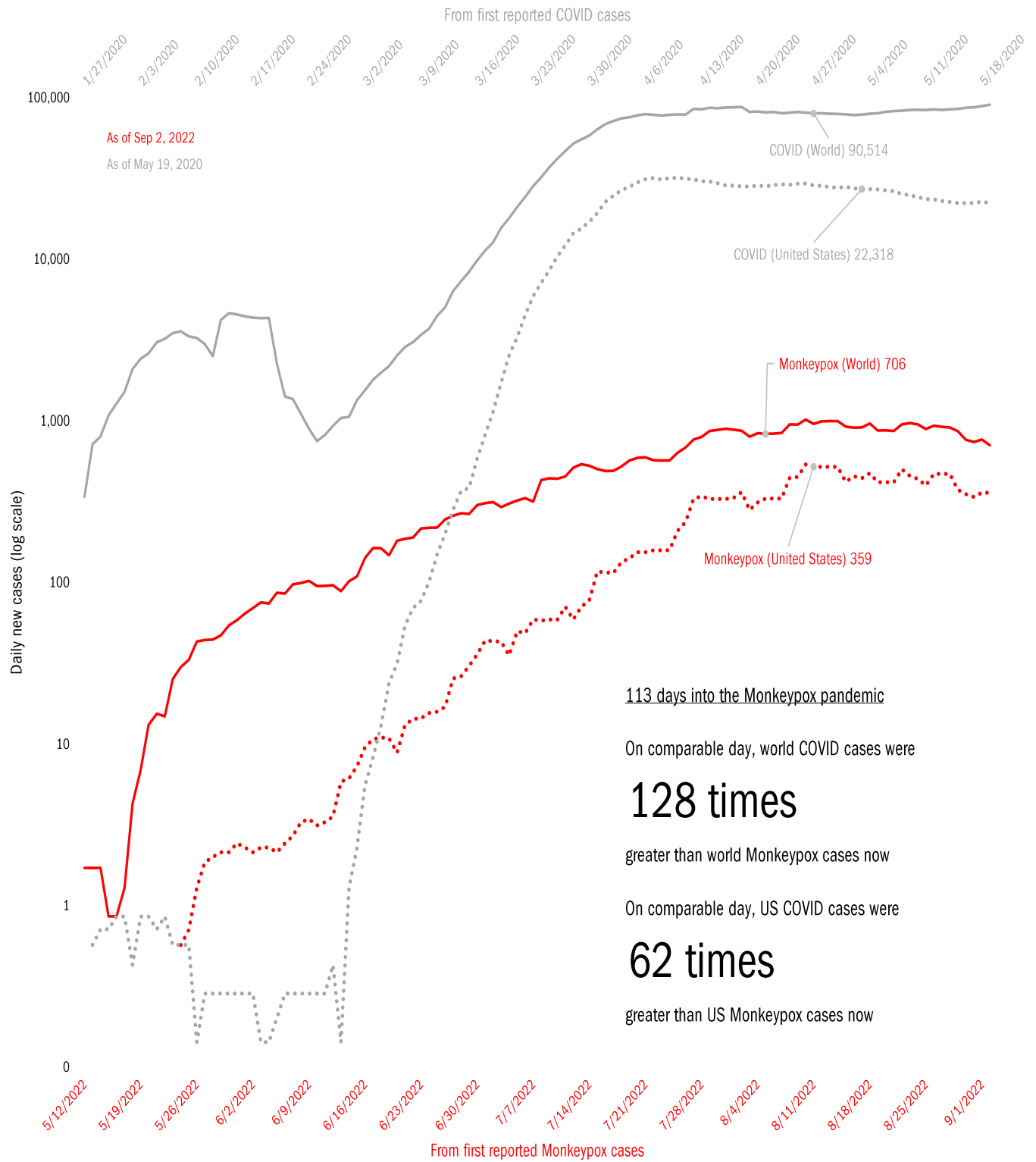
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
ID	-2,697	ID	-22	CA	-50
CO	-1,826	NY	-22	LA	-50
NY	-1,590	NM	-14	IN	-37
KY	-873	FL	-7	MA	-35
IN	-640	IN	-7	PA	-34



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

The Monkeypox contextualizer

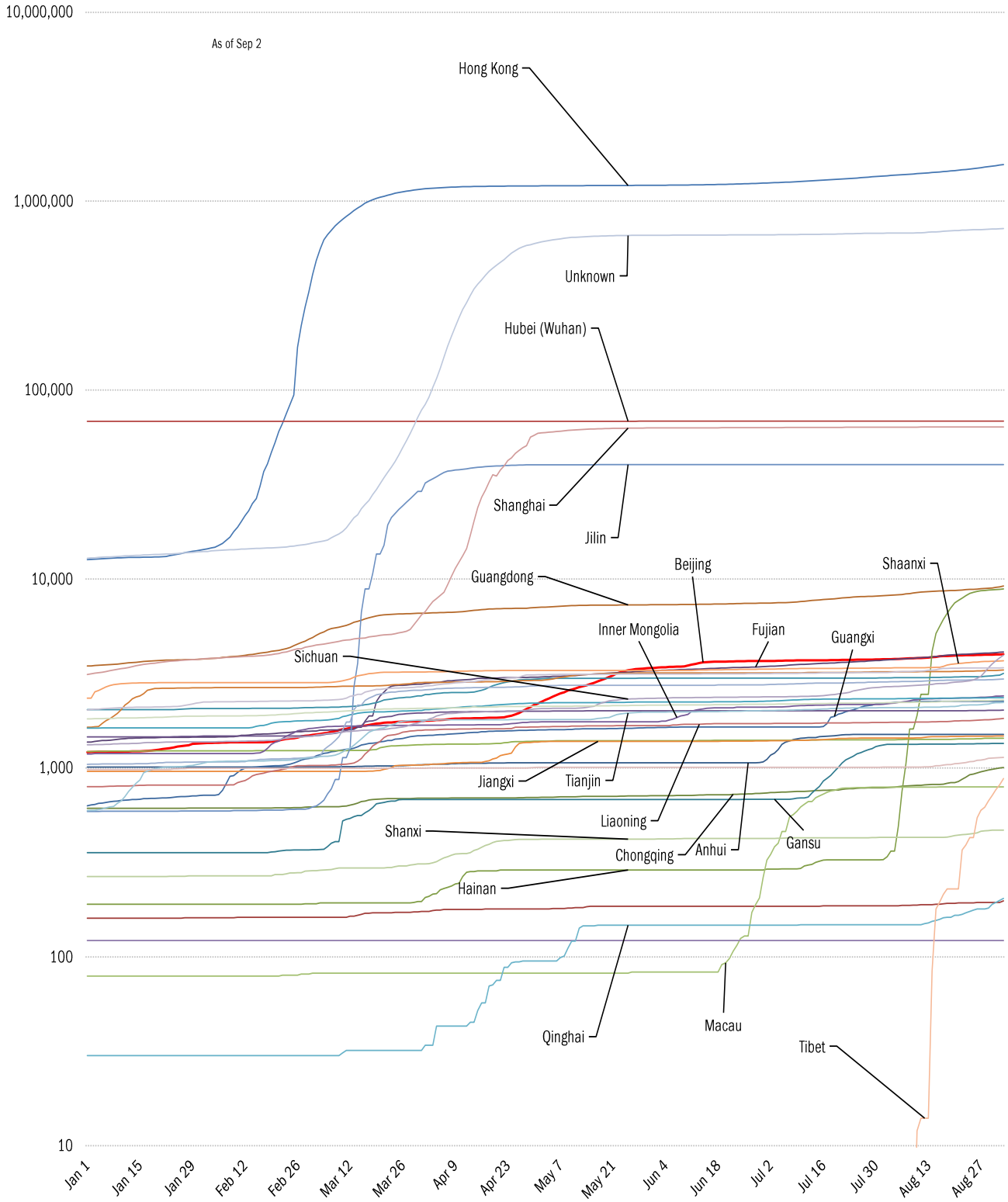
The course of case growth versus COVID



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"

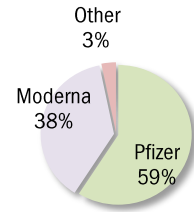


Source: [Johns Hopkins](#), TrendMacro calculations

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	France	78.7%
Total population	271,085,285	81%	230,645,139	69%	+0.030 million	Spain	85.6%
Age 12 to 17	18,147,800	72%	15,502,666	61%	+0.003 million	Germany	76.1%
Age 18 to 64	180,917,757	89%	153,679,296	76%	+0.013 million	Italy	81.0%
Age 65 and over	59,725,410	100%	52,247,392	95%	+0.003 million	Australia	84.0%
						Israel	66.2%
						Canada	82.7%
						Japan	82.4%
						Africa	22.0%
						India	67.0%
						Brazil	80.1%
						China	89.0%



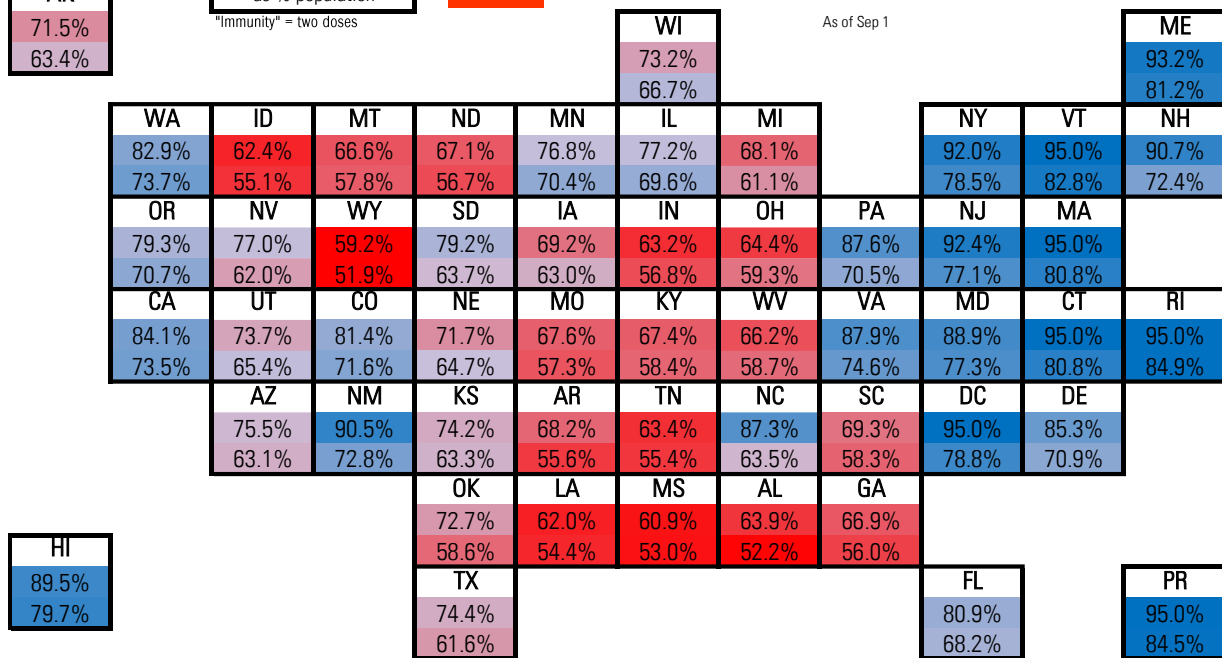
AK	71.5%
	63.4%

State	Best
At least partial immunity as % population	Middle
Full immunity as % population	Worst

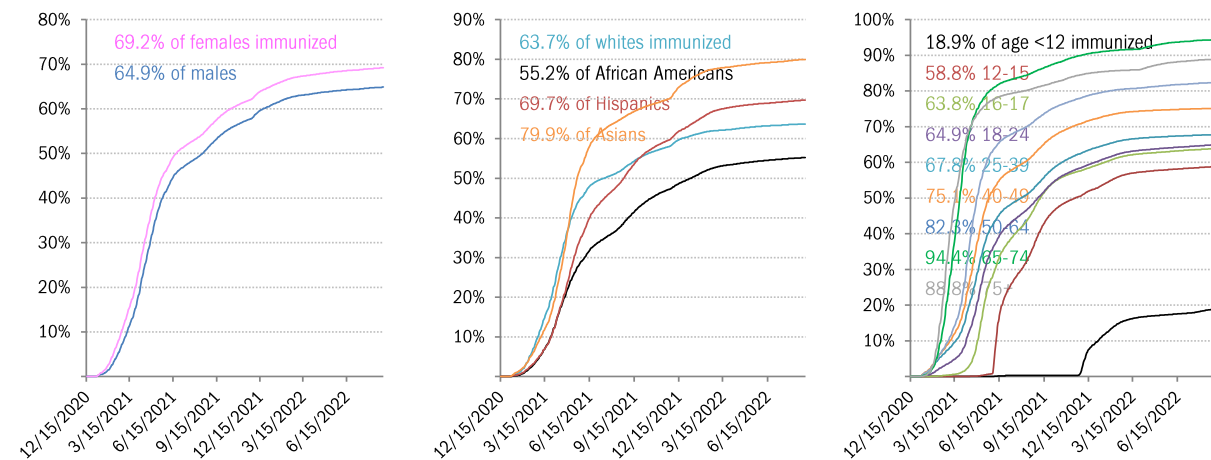
Immunity = two doses

Best
Middle
Worst

Global data differs due to sources, timing



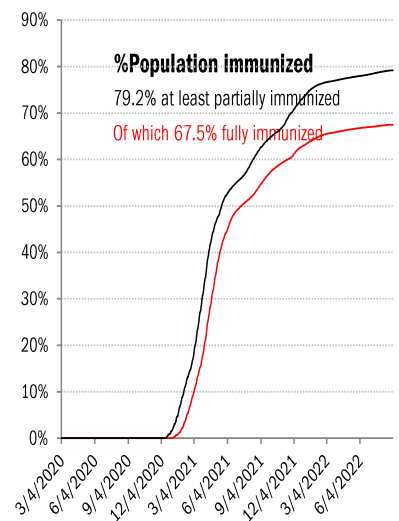
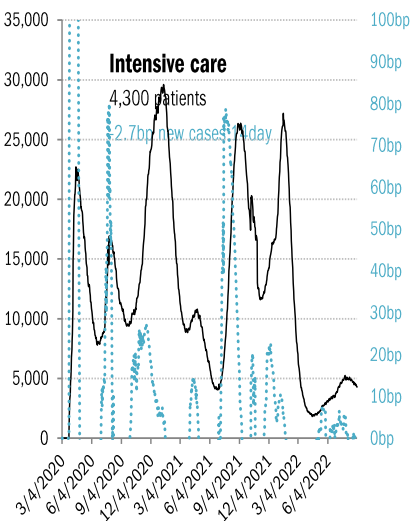
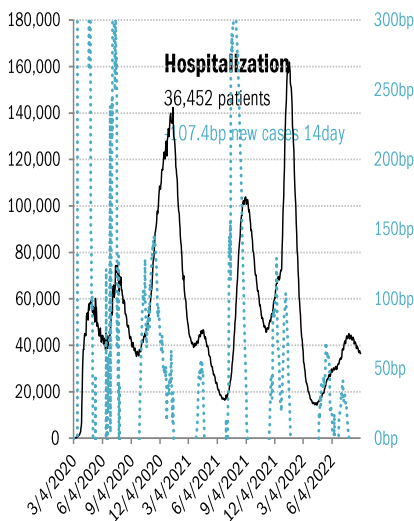
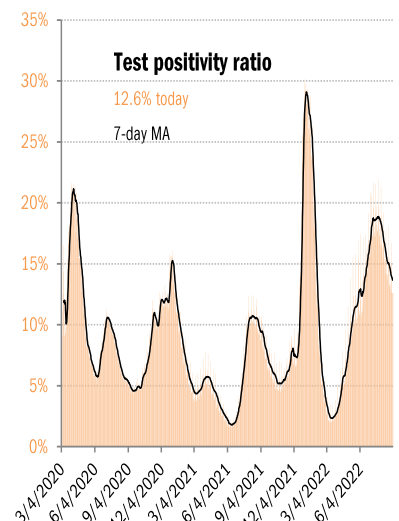
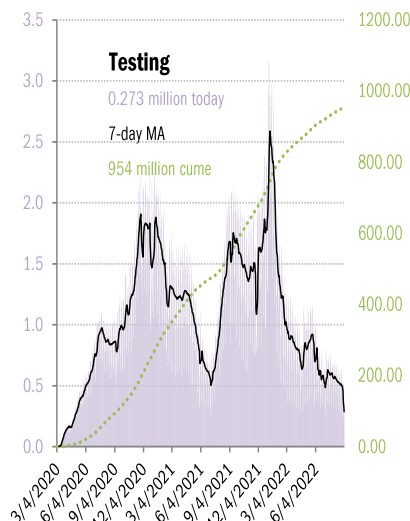
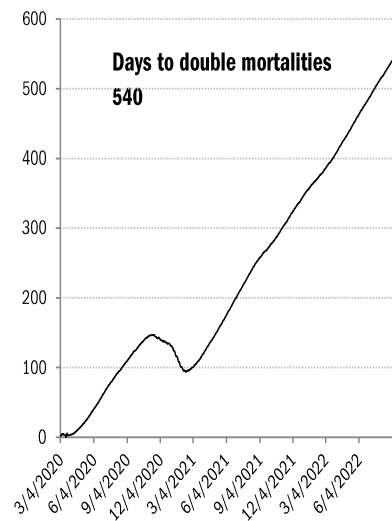
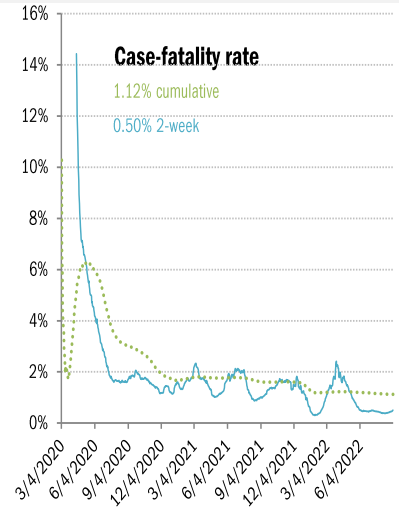
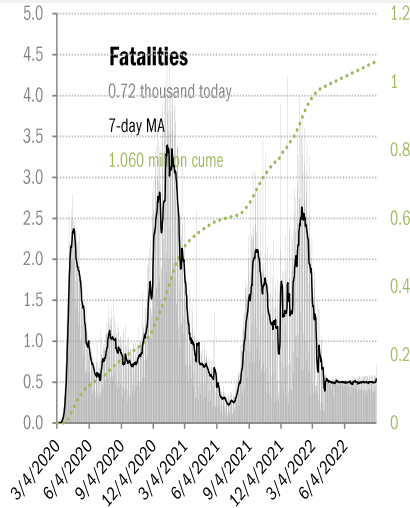
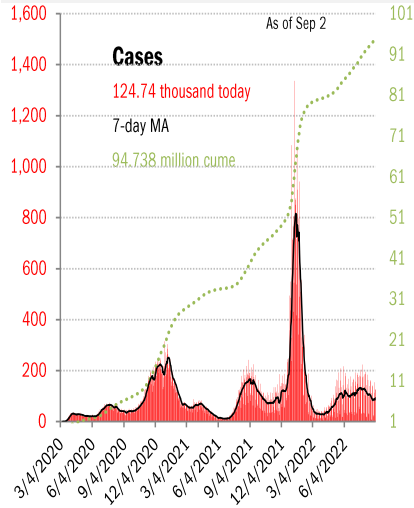
The demographics of US vaccination



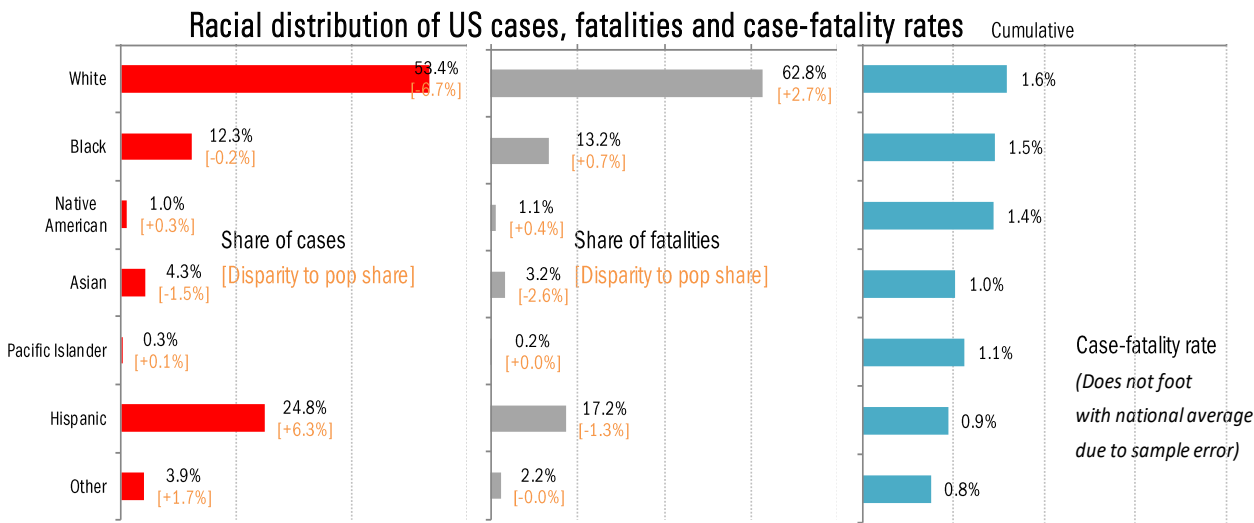
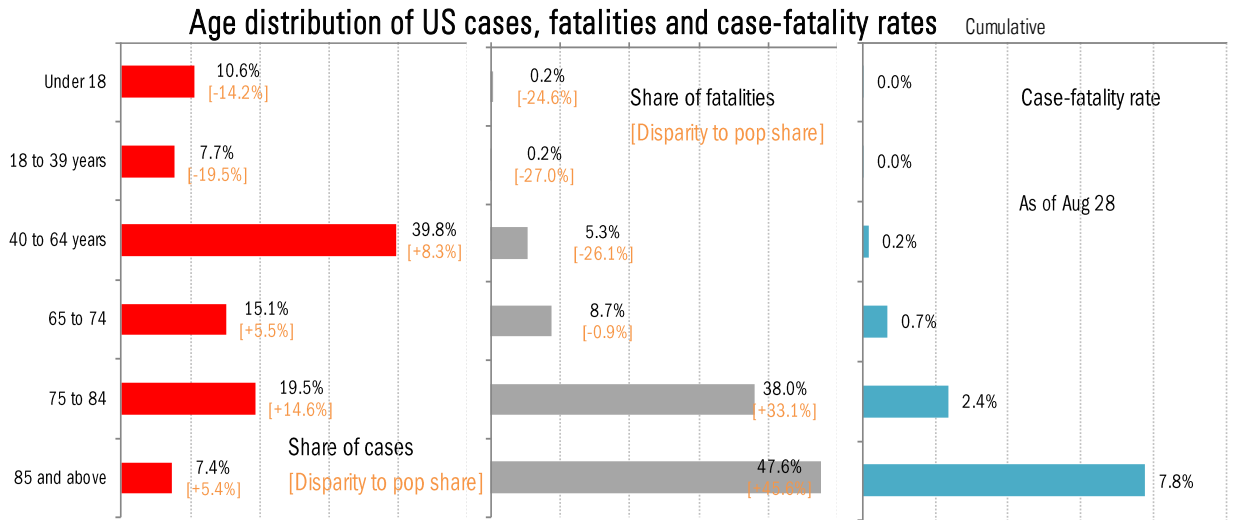
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

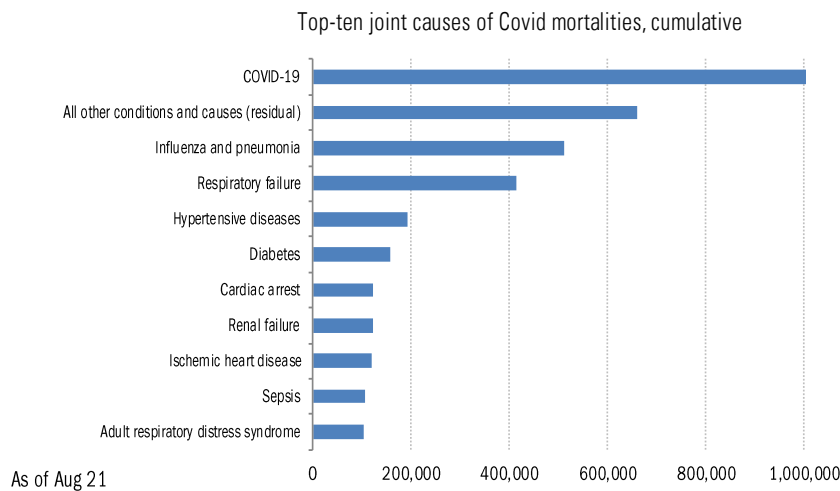
National and state-by-state data do not line up because of different sources



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

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

New Civil Liberties Alliance

September 1, 2022

[Harvard Professor Martin West on This Week's
Harrowing NAEP Results](#)

Kevin Mahnken

The 74

September 1, 2022

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

Nicholas Eberstadt

Wall Street Journal

September 2, 2022

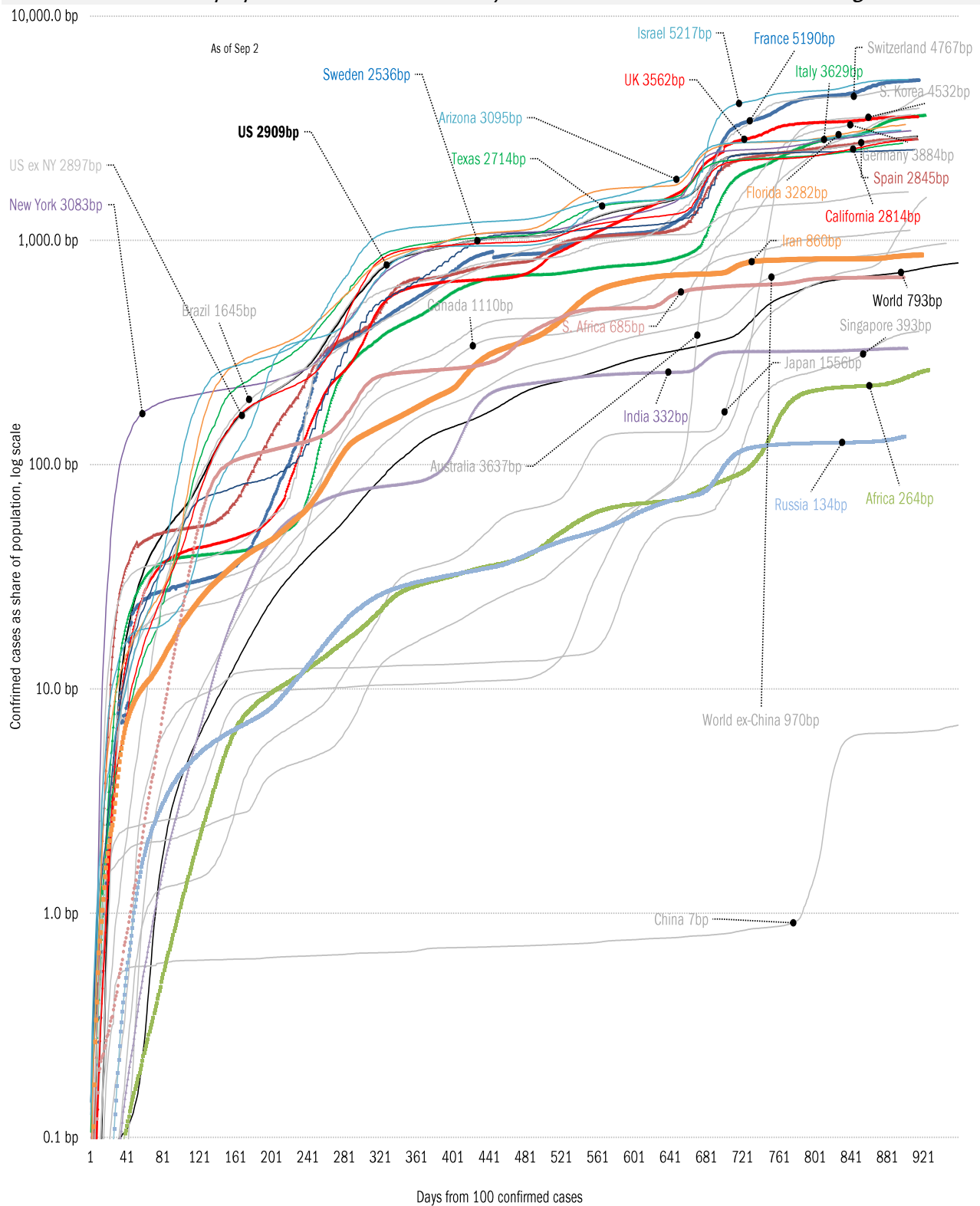
Meme of the day



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

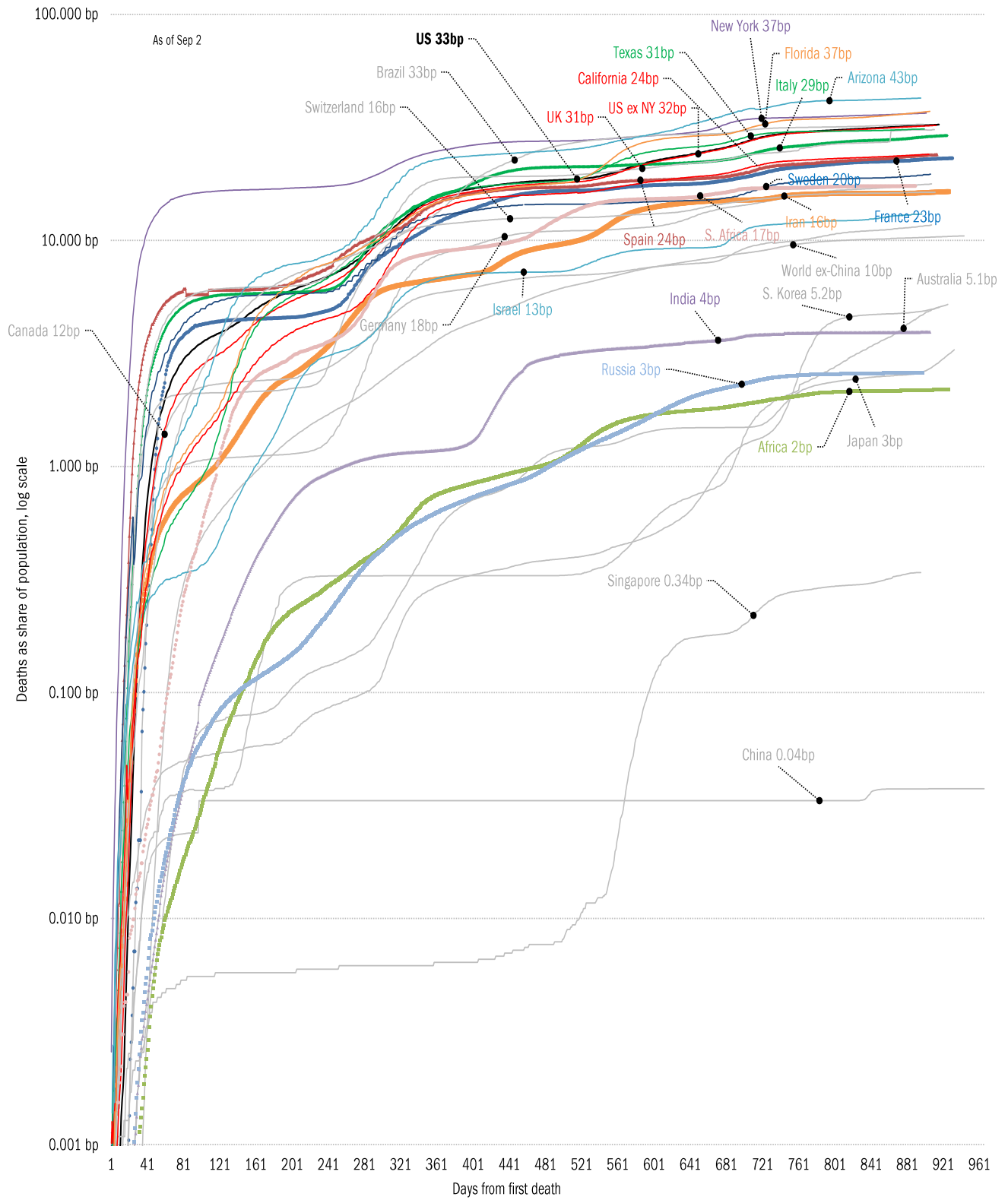
The global coronavirus case accelerometer... tracking the world's infection curves

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

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread

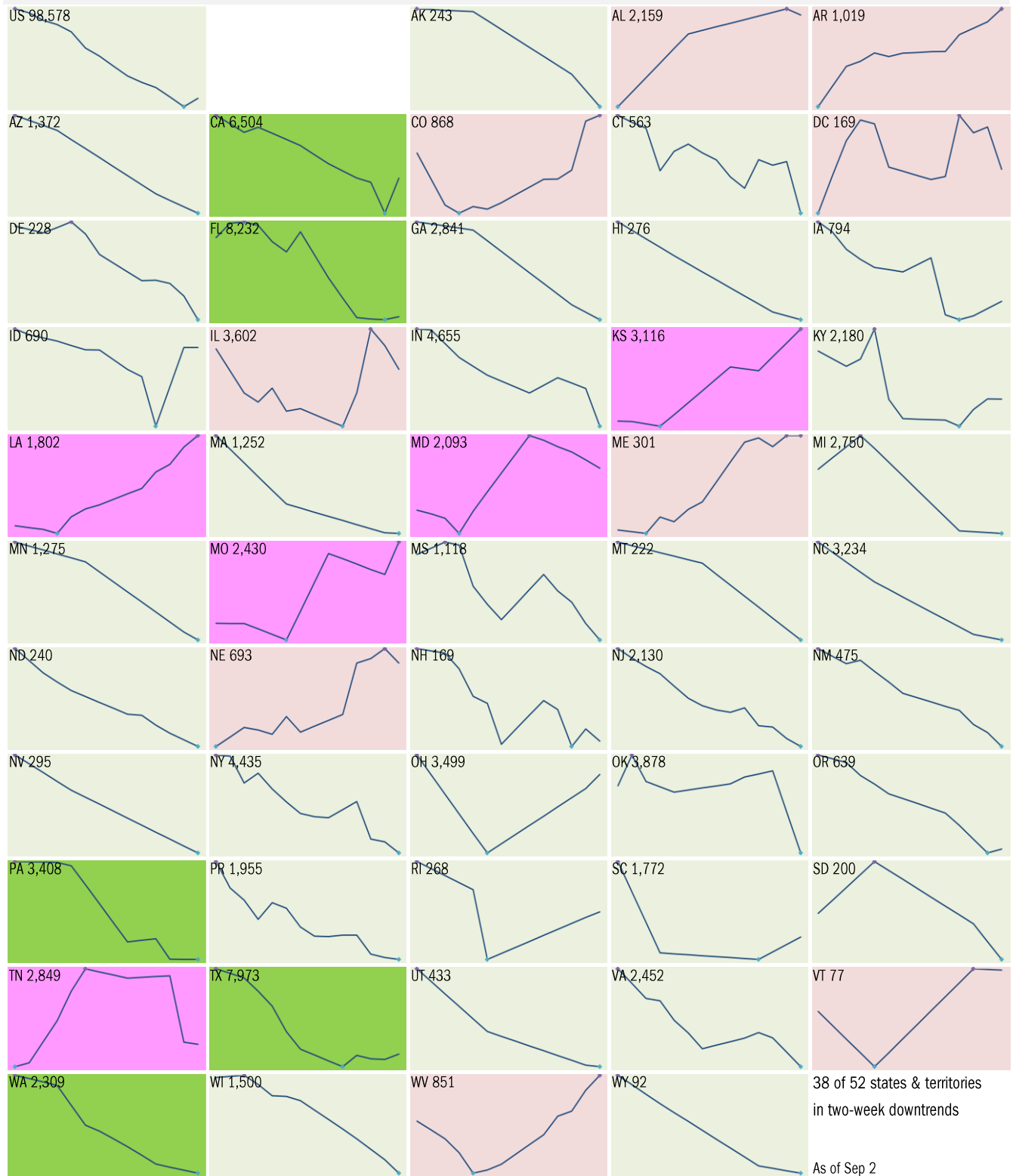


Source: [Johns Hopkins](#), TrendMacro calculations

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

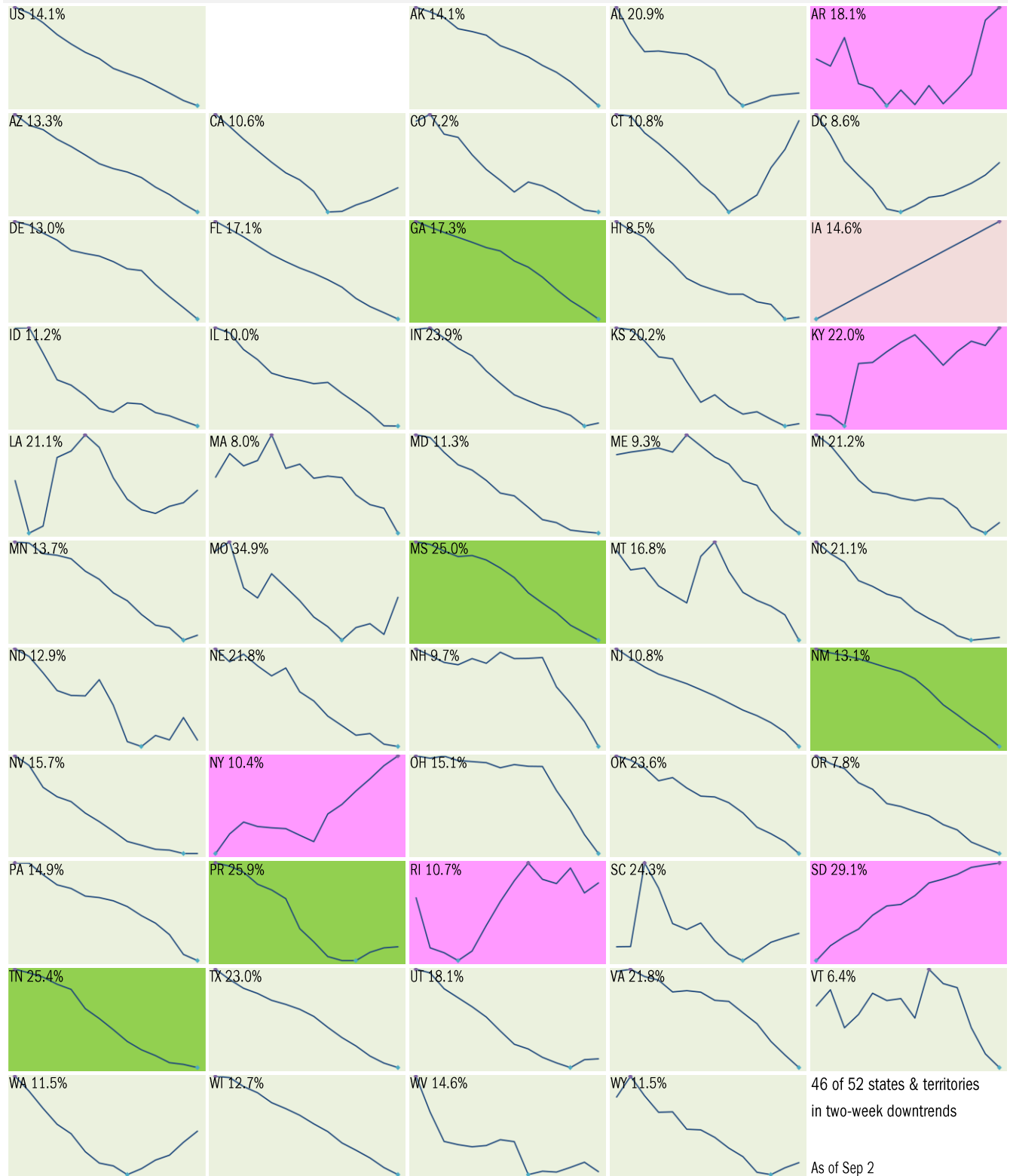


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

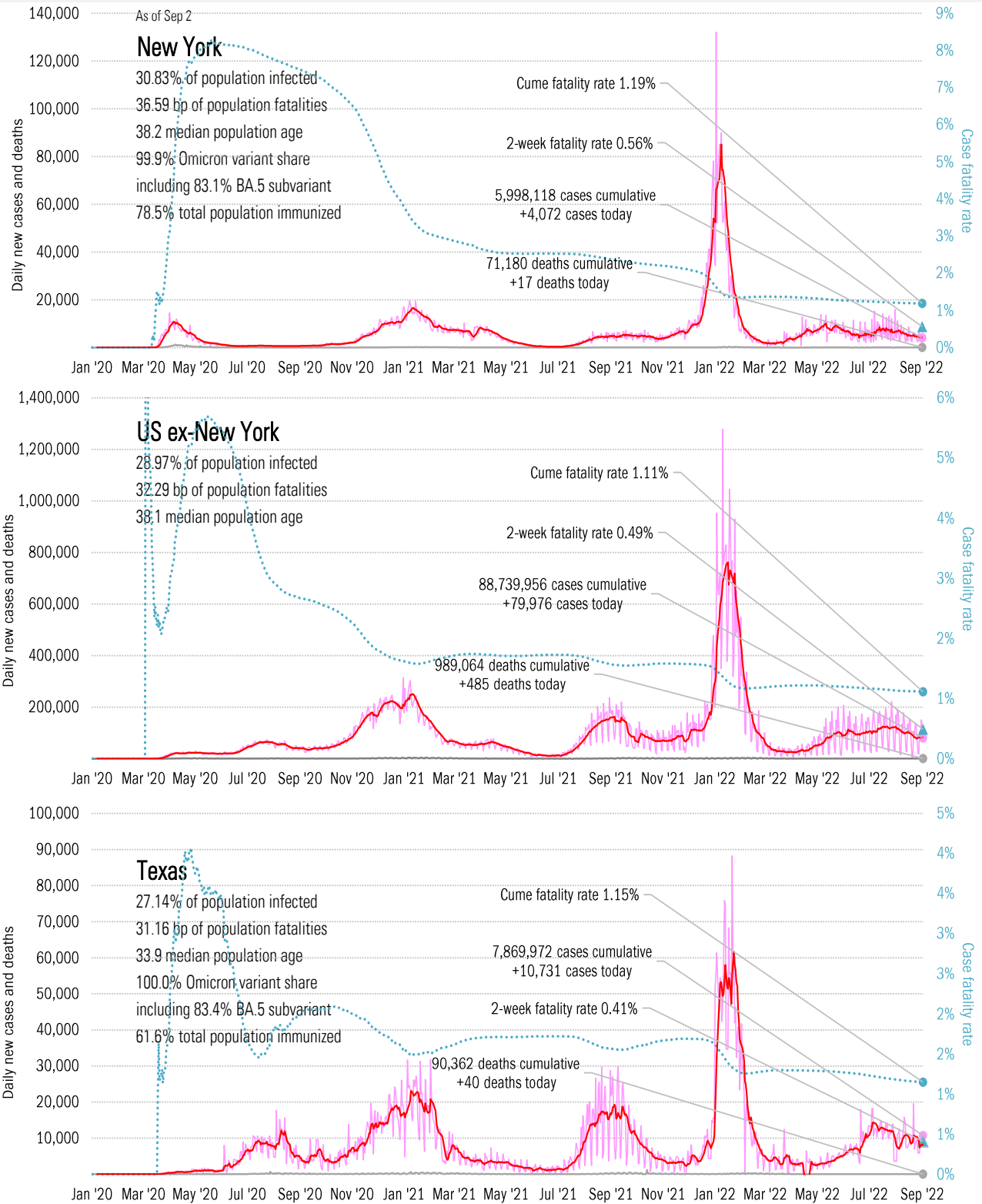
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

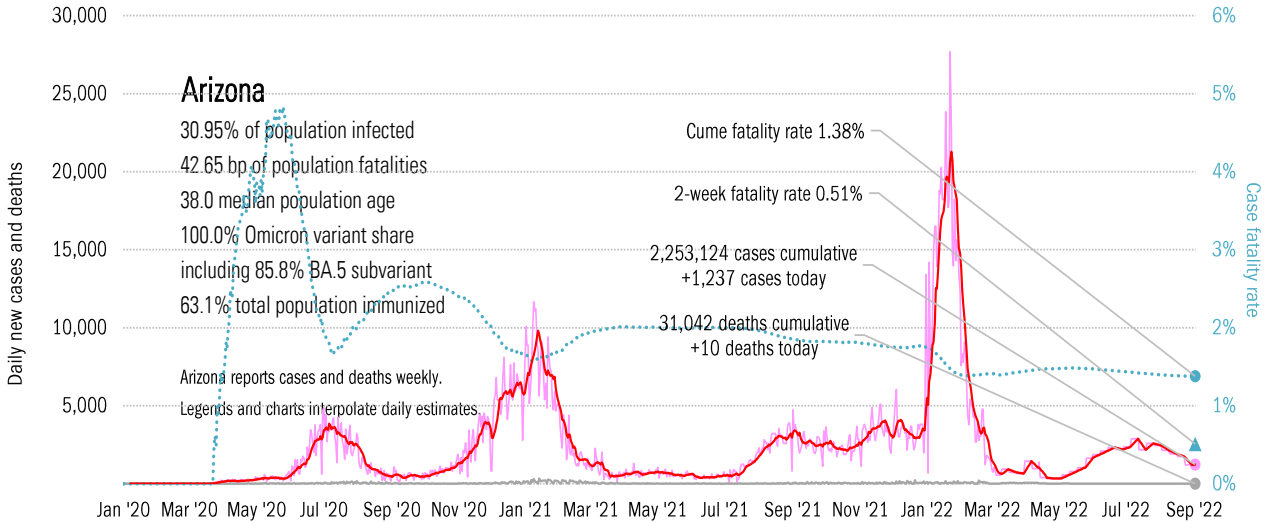
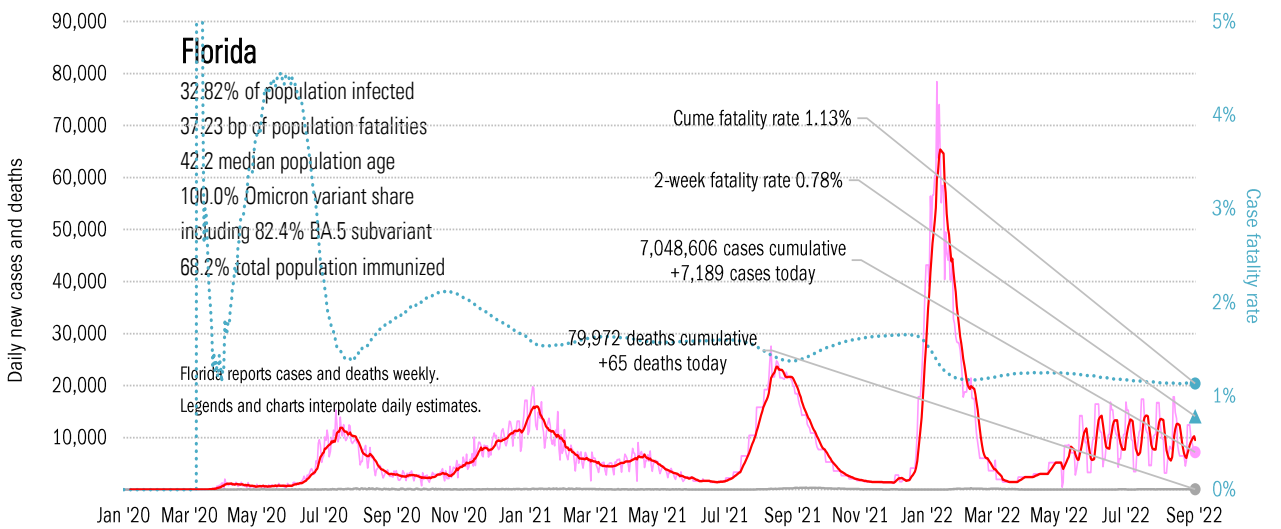
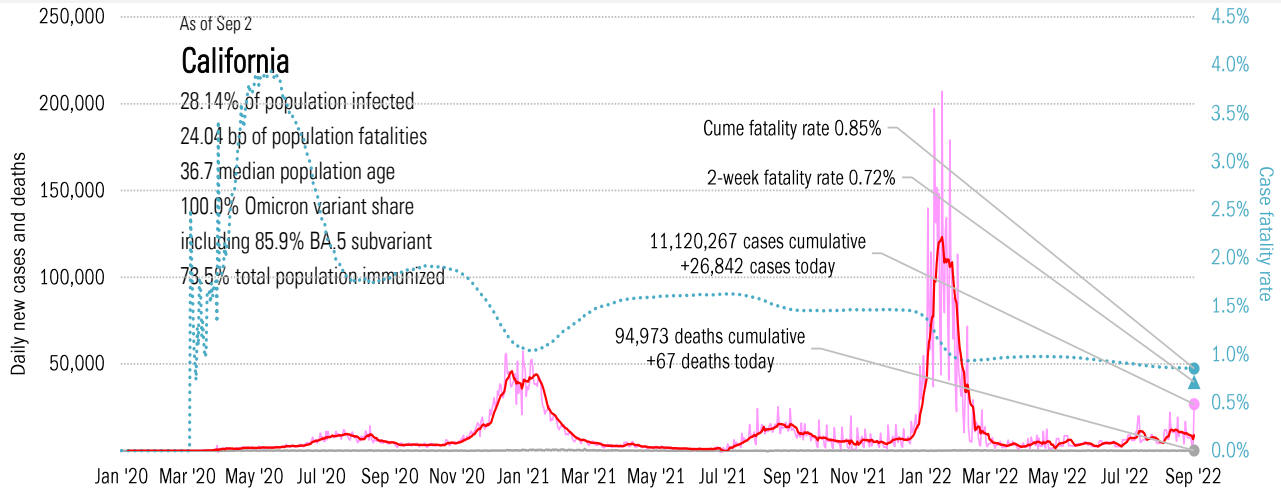
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

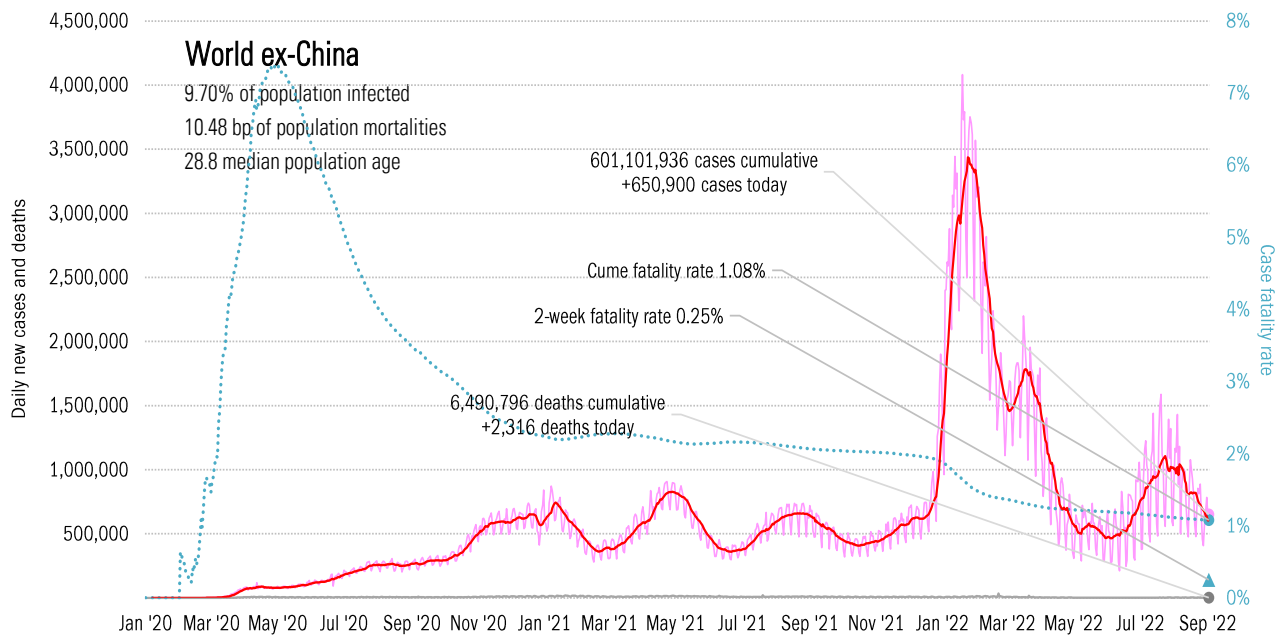
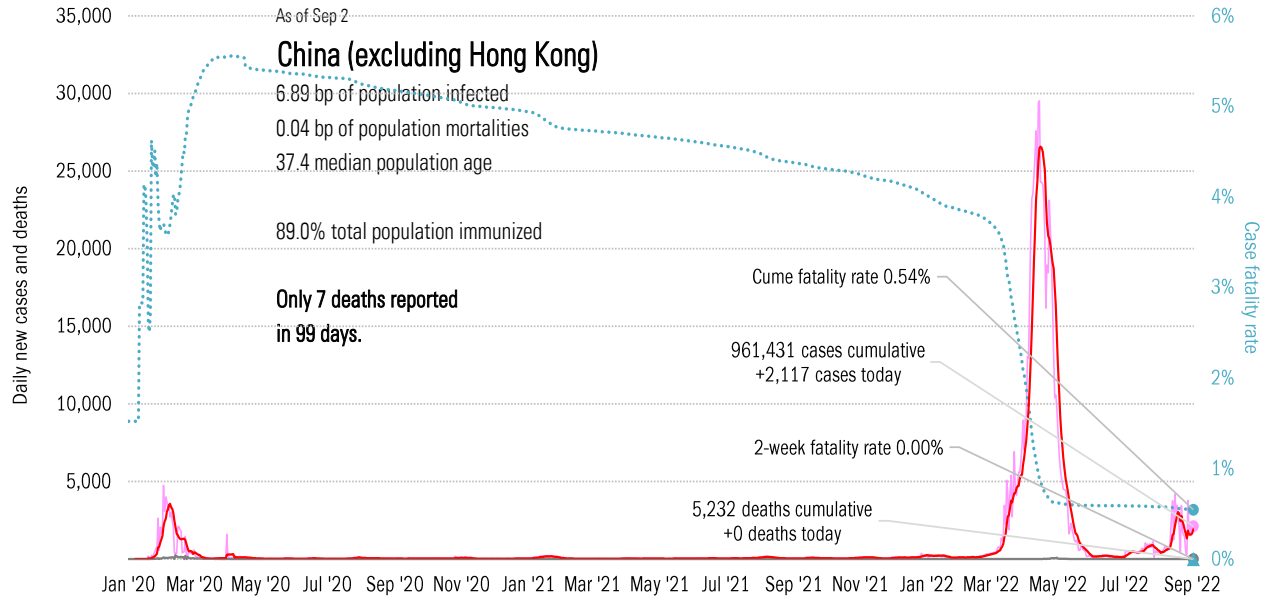
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

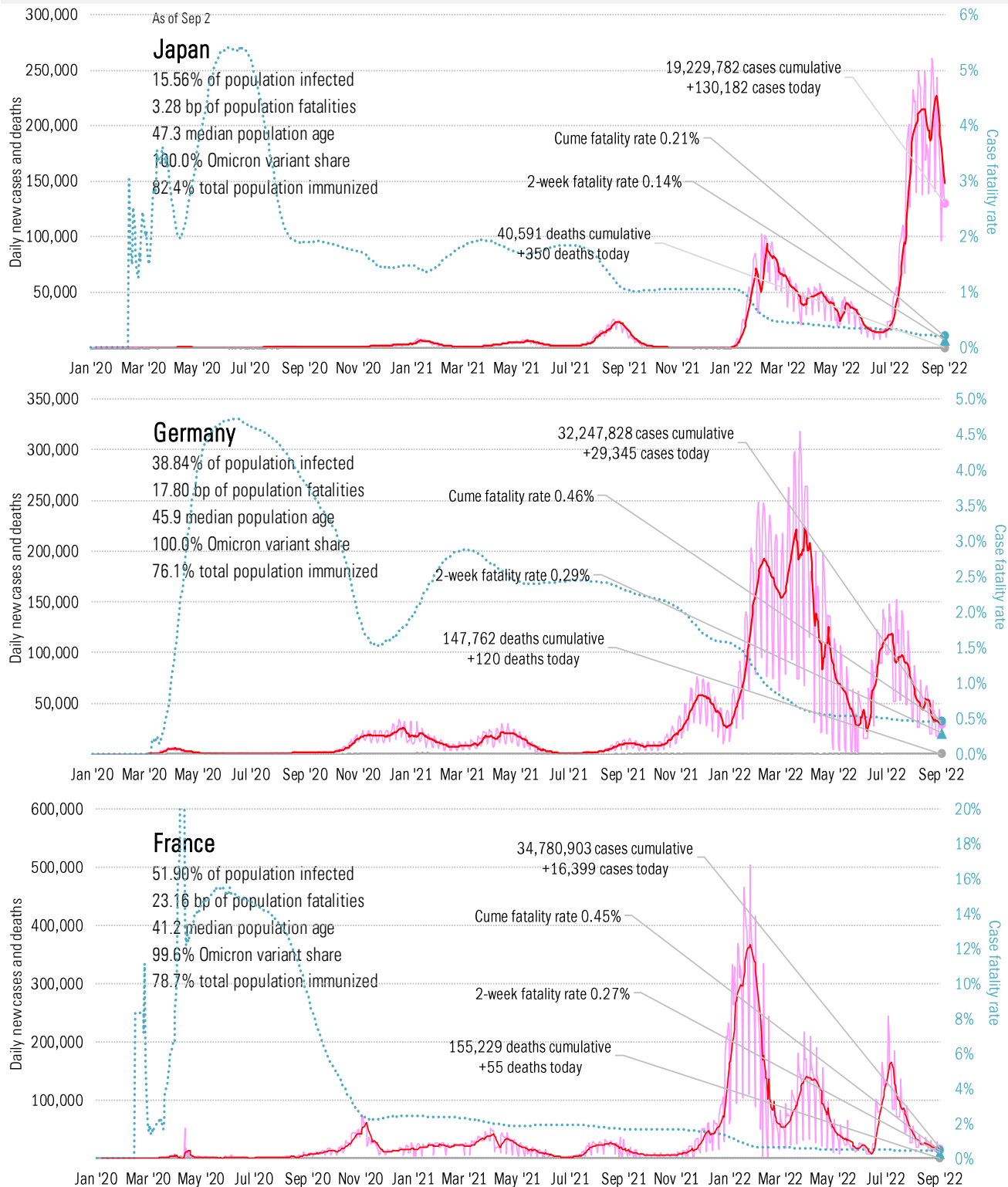
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

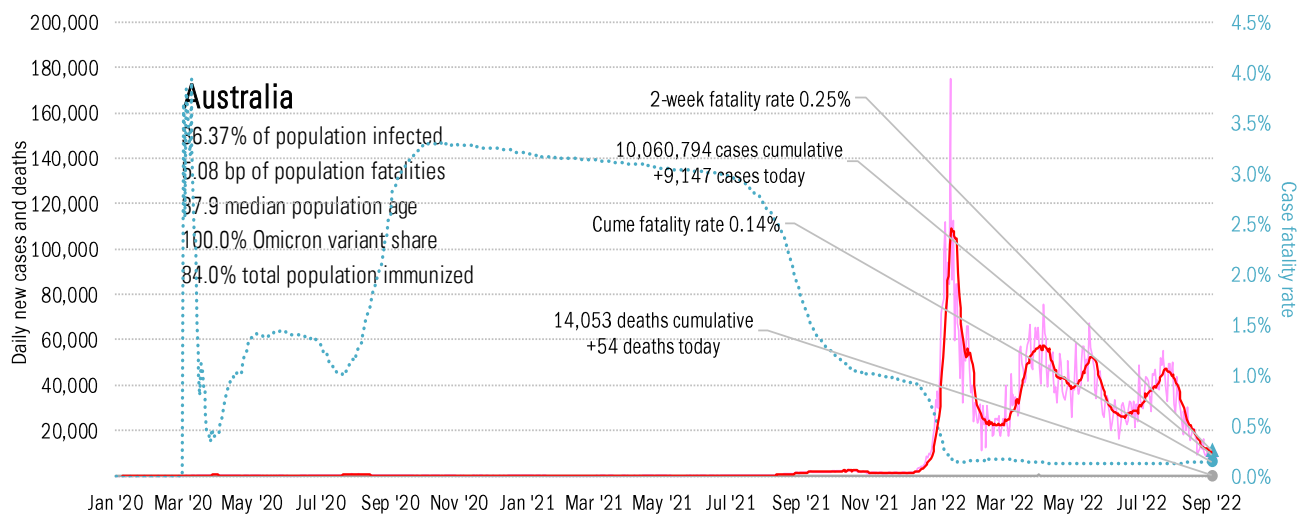
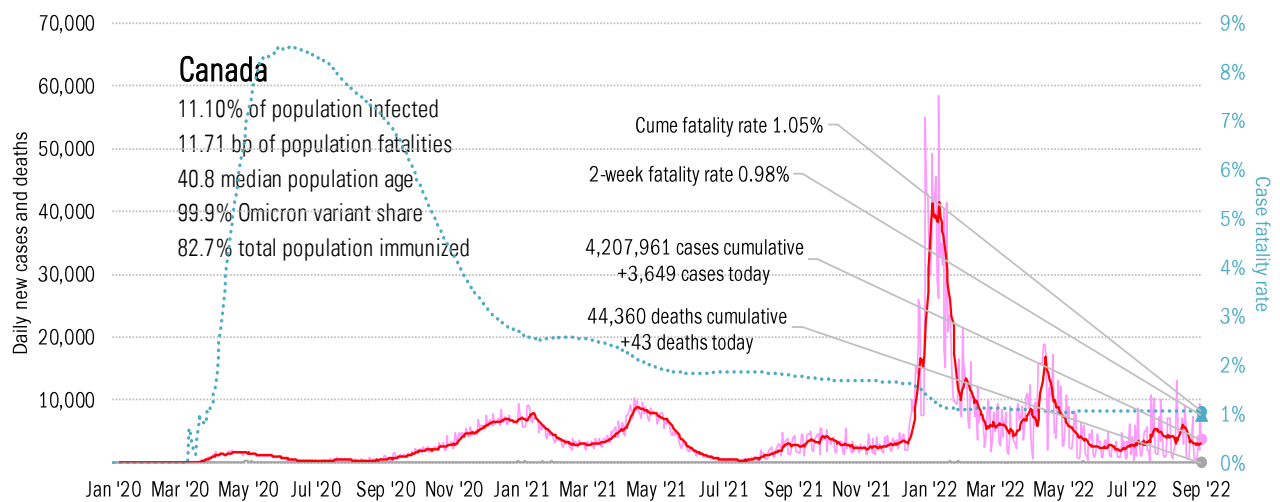
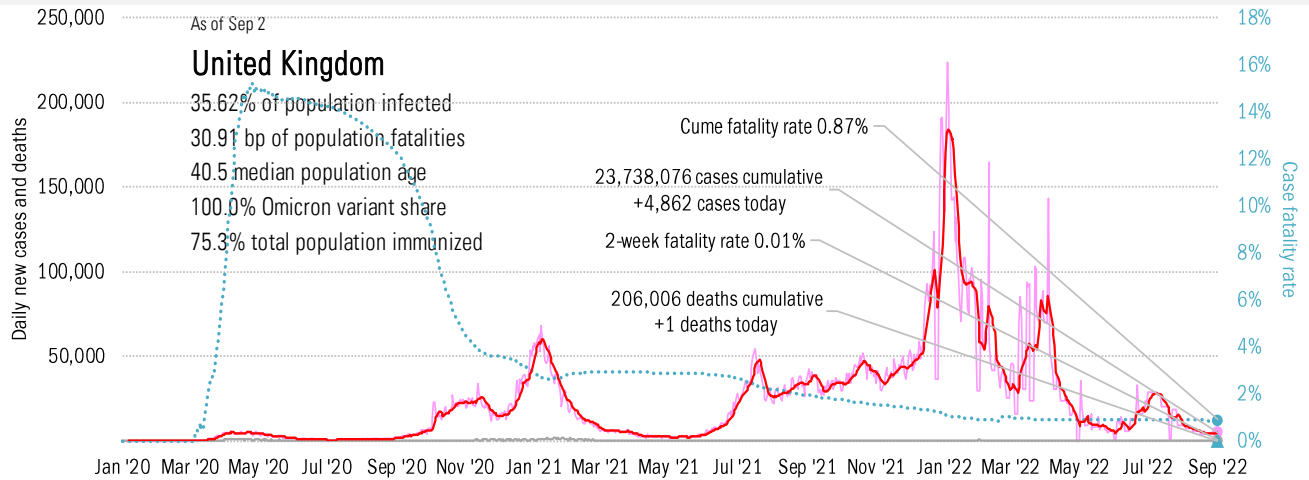
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

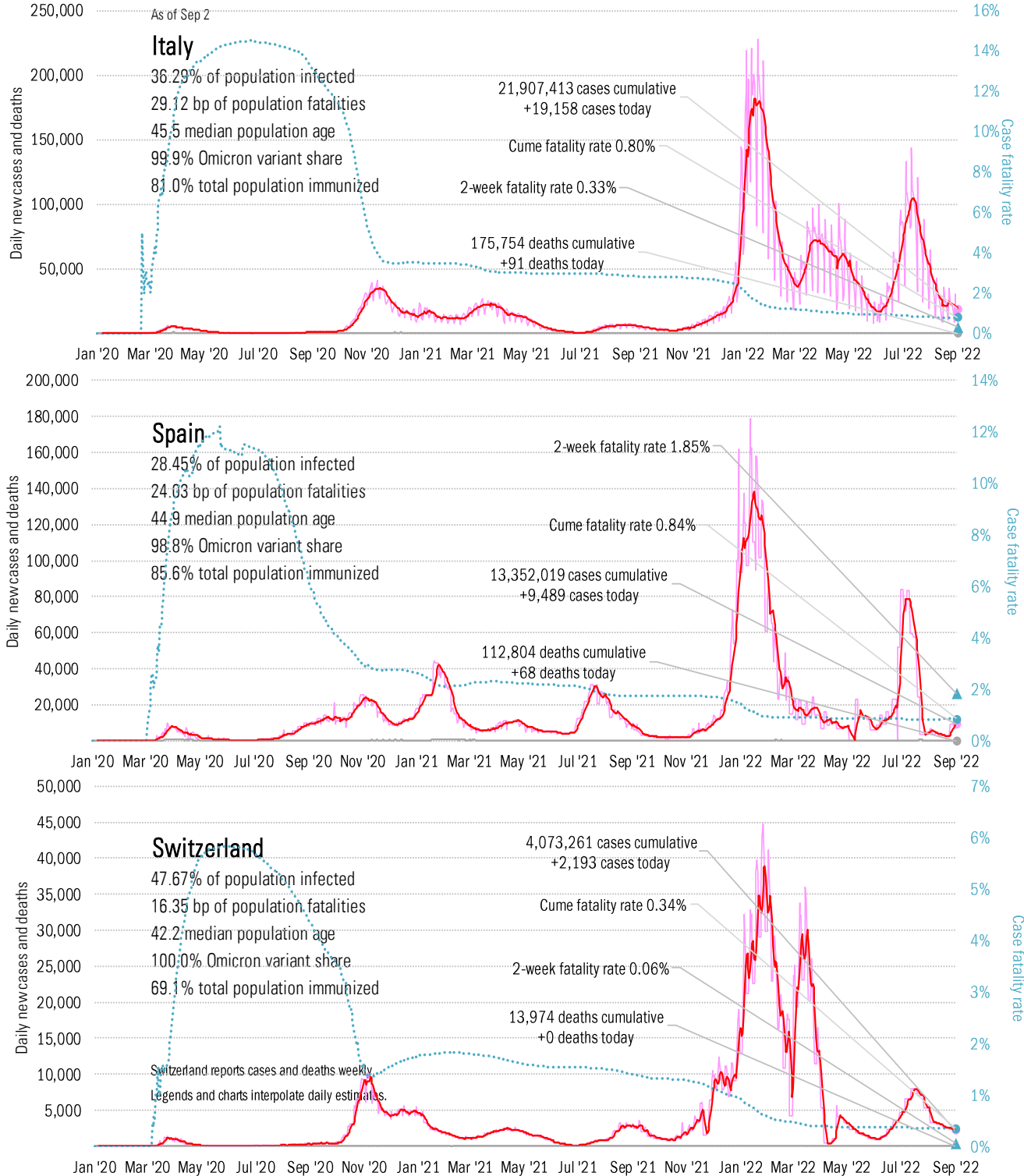
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

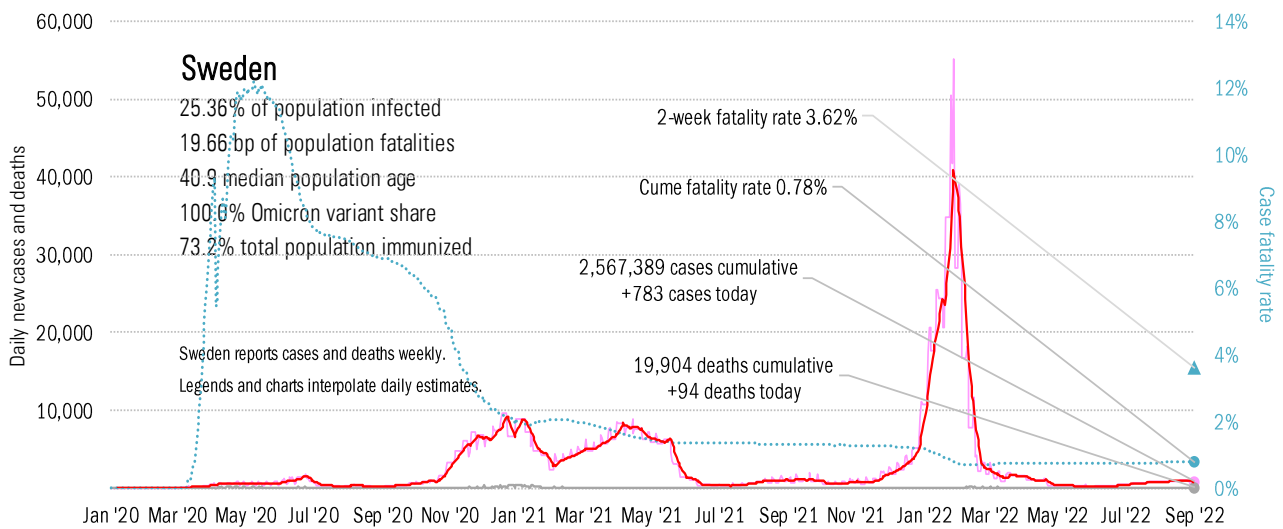
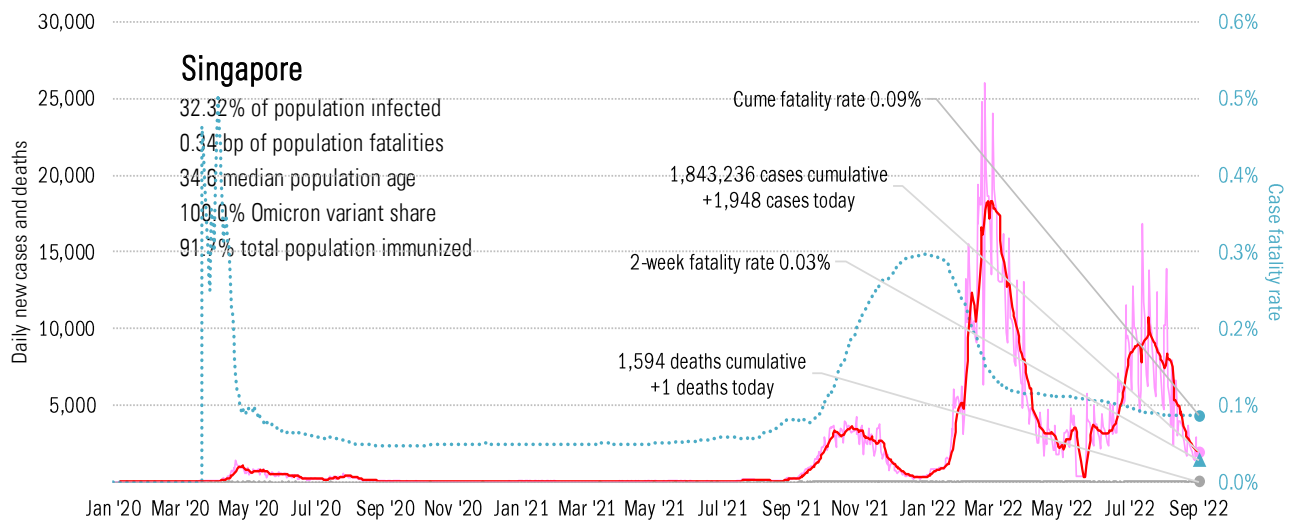
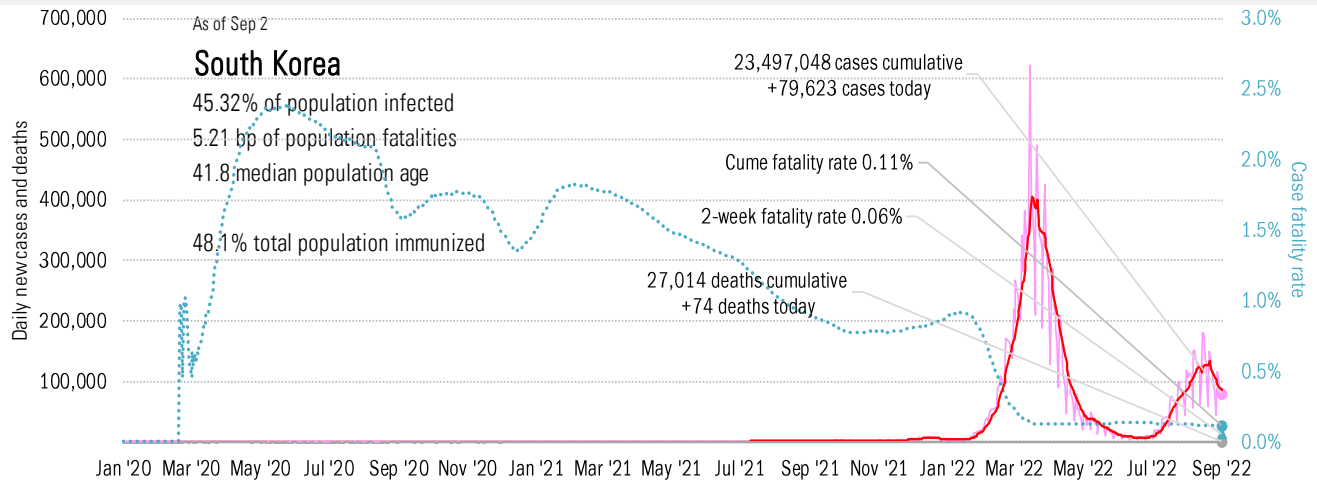
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

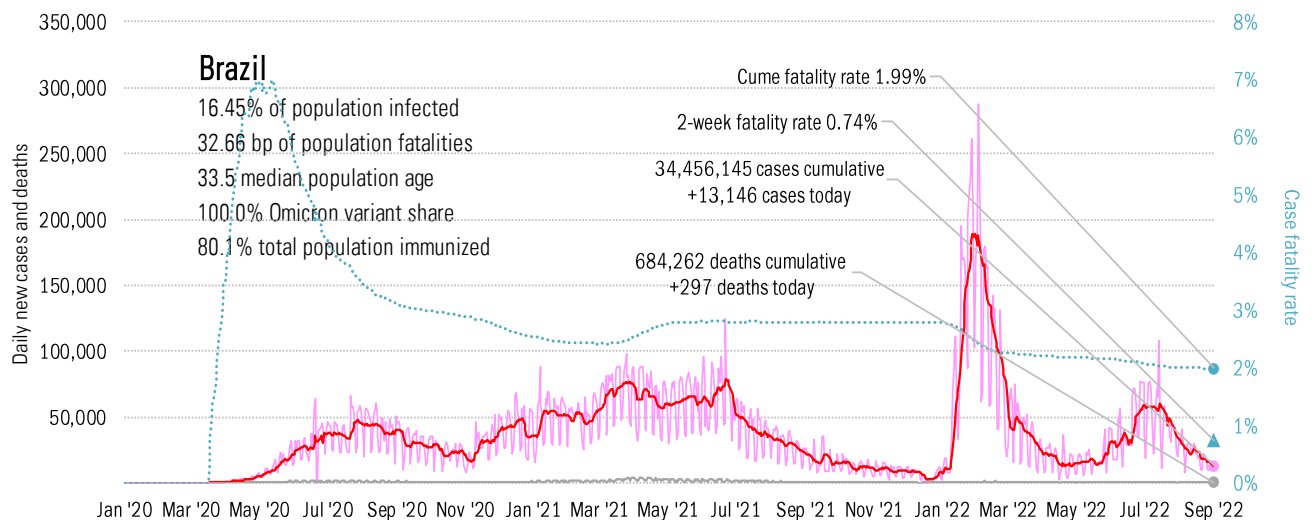
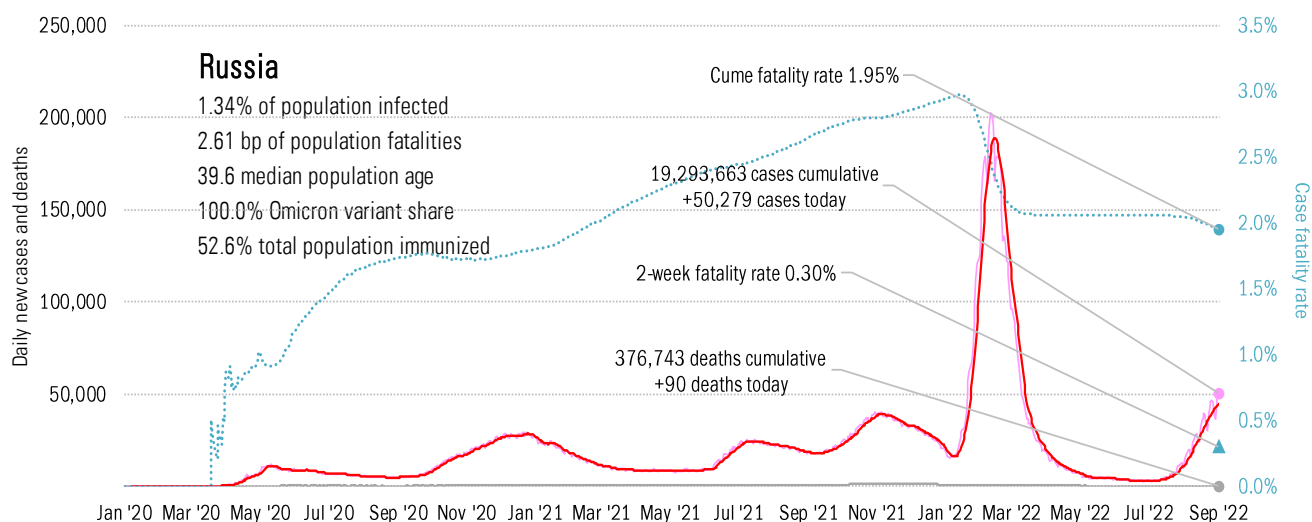
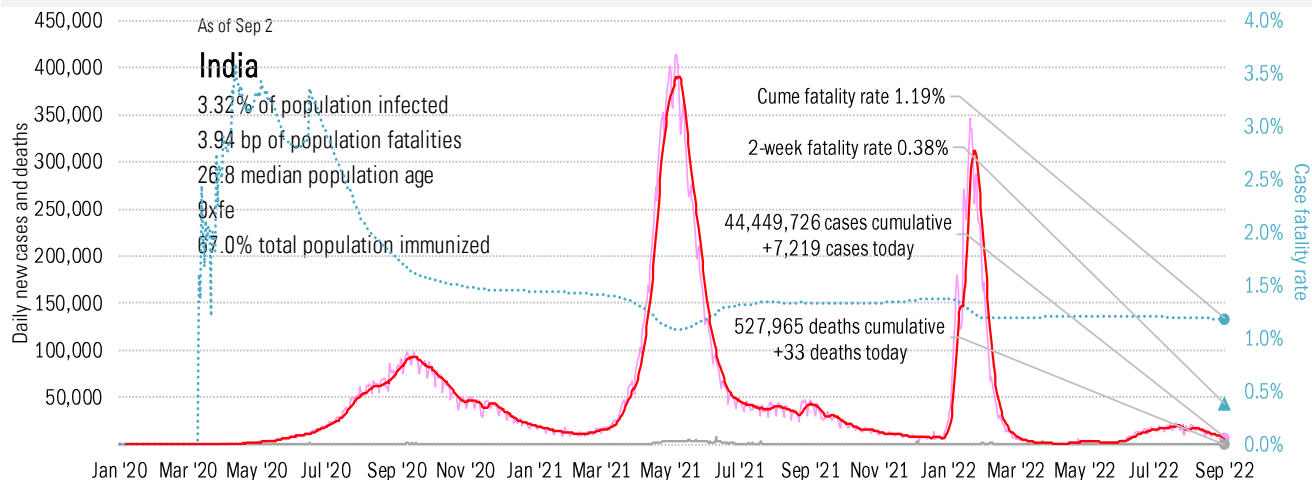
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

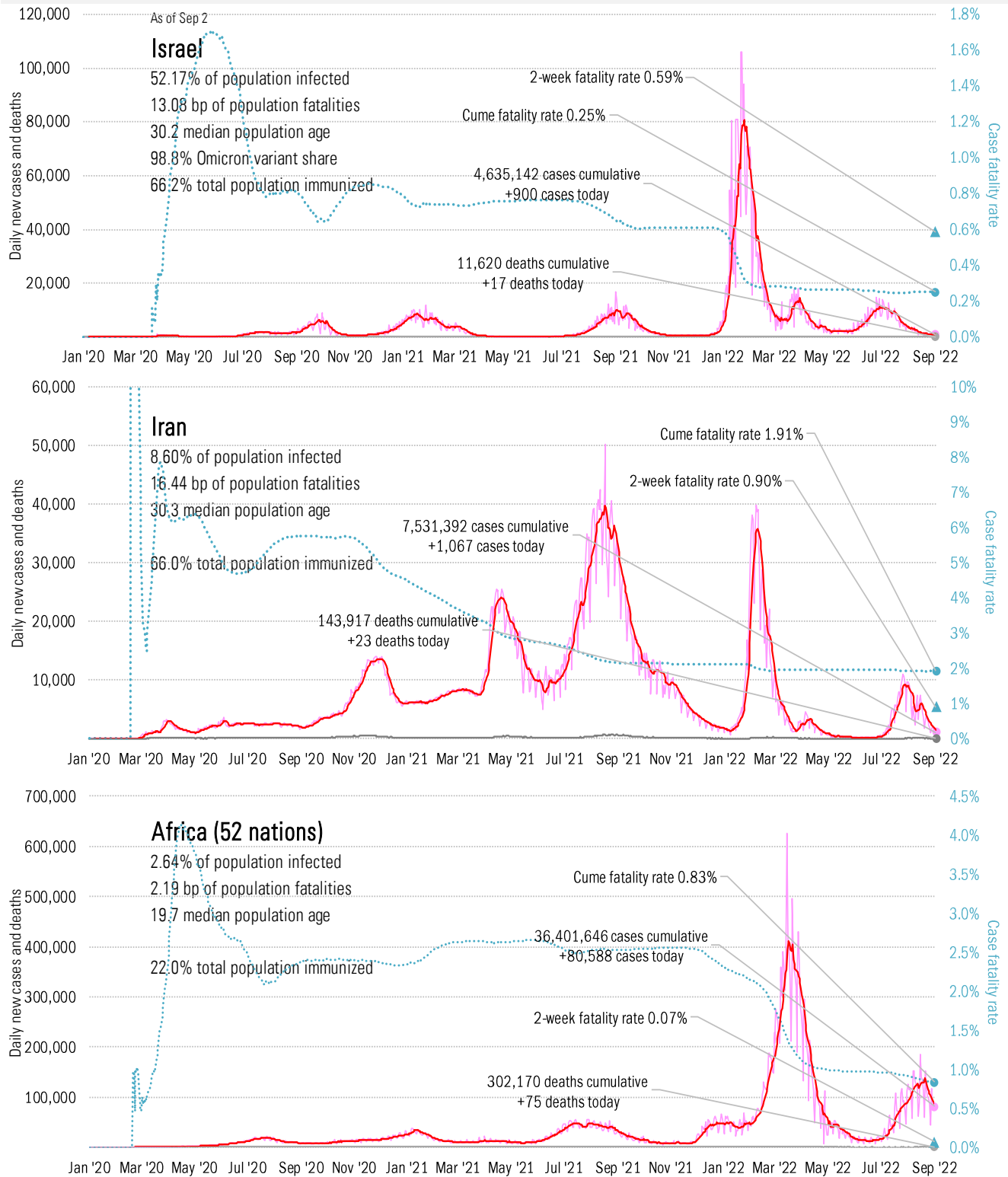
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

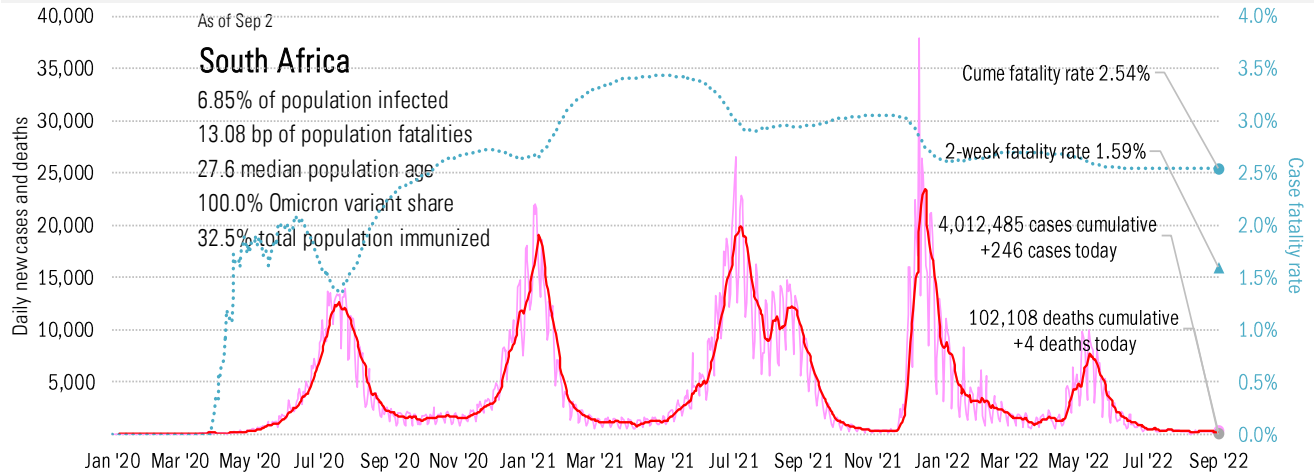
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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