

Data Insights: Covid-2019 Monitor

Thursday, September 8, 2022

The global scorecard

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

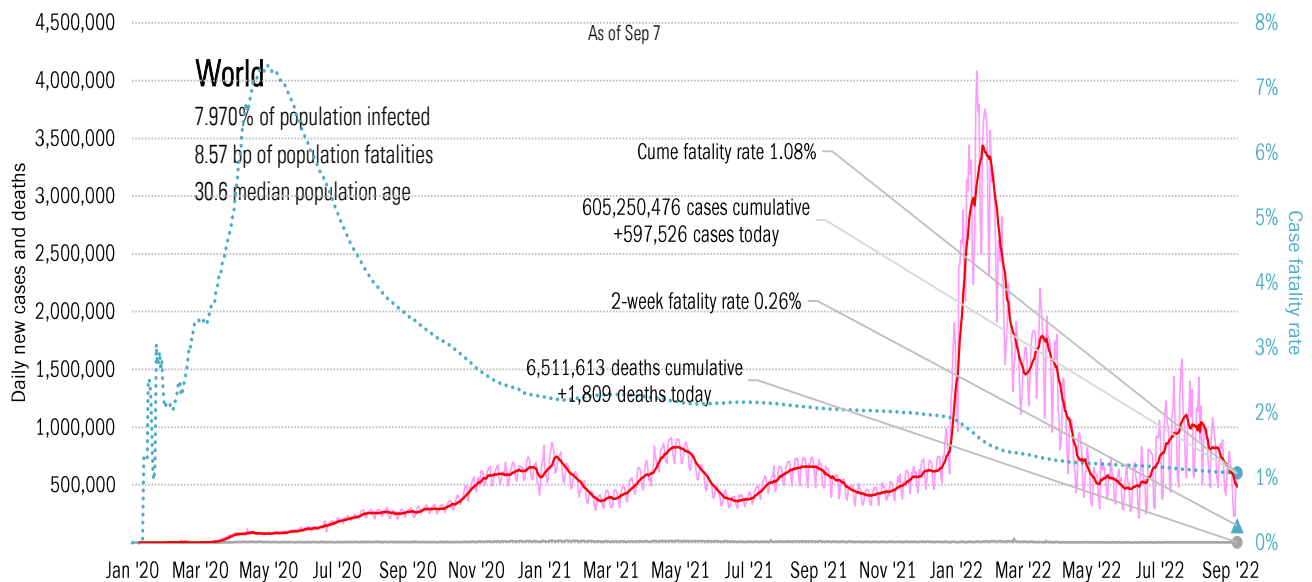
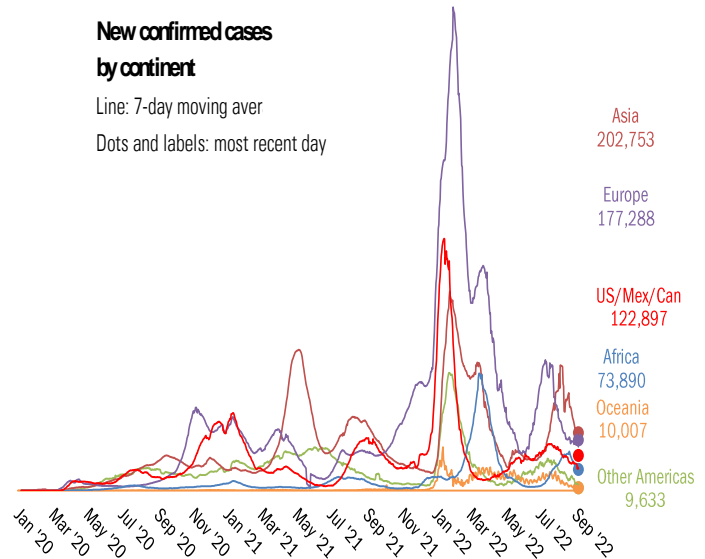
The worst ten countries

New cases		New Deaths	
Japan	129,737	United States	618
United States	91,102	Japan	247
Korea, South	72,599	Germany	117
Russia	47,354	Russia	92
Germany	42,057	Hungary	76
Taiwan*	41,249	Korea, South	64
France	20,165	Australia	61
Italy	17,570	Italy	57
Hungary	10,300	Canada	55
India	8,975	Philippines	49
481,108		1,436	
World	597,526	World	1,809
Top ten	81%	Top ten	79%

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

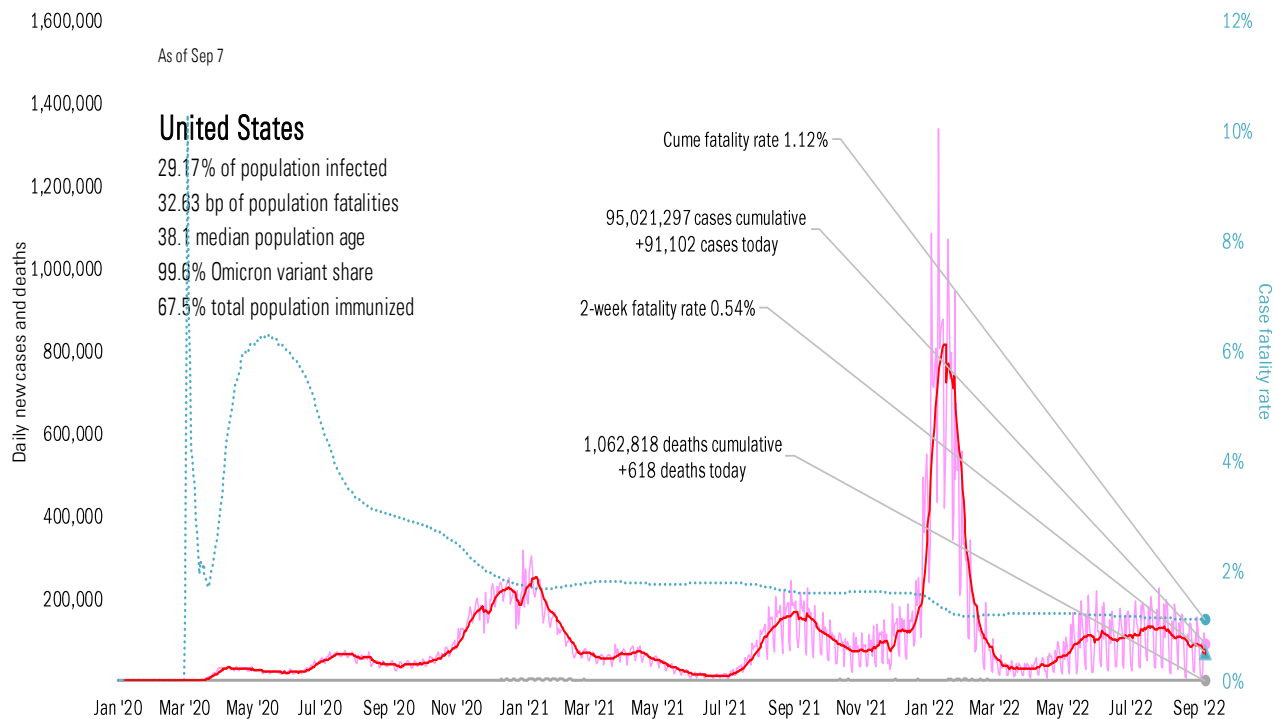
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use									
PA	15,988		MI	83		VA	121		CA	11,145,476		CA	95,089		TX	538,819		MA	84%	TX	85%								
TX	6,302		FL	54		MS	37		TX	7,898,506		TX	90,432		CA	491,414		MN	82%	AK	85%								
OK	5,934		NY	52		MD	88		FL	7,051,320		FL	80,253		FL	486,183		WA	82%	RI	83%								
IN	5,676		WA	37		ND	11		NY	6,015,568		NY	71,274		NY	292,990		AK	81%	AL	81%								
KS	4,332		NC	30		ID	21		IL	3,708,916		PA	46,831		GA	223,316		DE	80%	DC	81%								
OH	3,611		VA	30		OK	56		PA	3,202,811		GA	39,875		OH	214,089		MO	80%	NC	79%								
NY	3,406		IL	26		VT	6		NC	3,141,302		CH	39,490		PA	199,743		ND	80%	MA	79%								
NC	2,926		IN	23		AS	0		CH	3,074,826		IL	39,407		IL	182,974		NH	79%	NM	77%								
MD	2,897		MD	21		GJ	0		GA	2,883,318		MI	38,121		MI	159,229		DC	79%	WA	77%								
IL	2,653		CA	18		MP	0		MI	2,786,213		NJ	34,601		KY	143,014		GA	78%	NH	77%								
53,725			374			340			50,908,256			575,373			2,931,771														
All states			91,102			618			4,230			All states			95,021,297			1,062,818			5,318,898			All states		70%		67%	
Top ten			59%			60%			8%			Top ten			54%			55%			55%			Median		74%		69%	

Some states not reporting

Five most improved US states

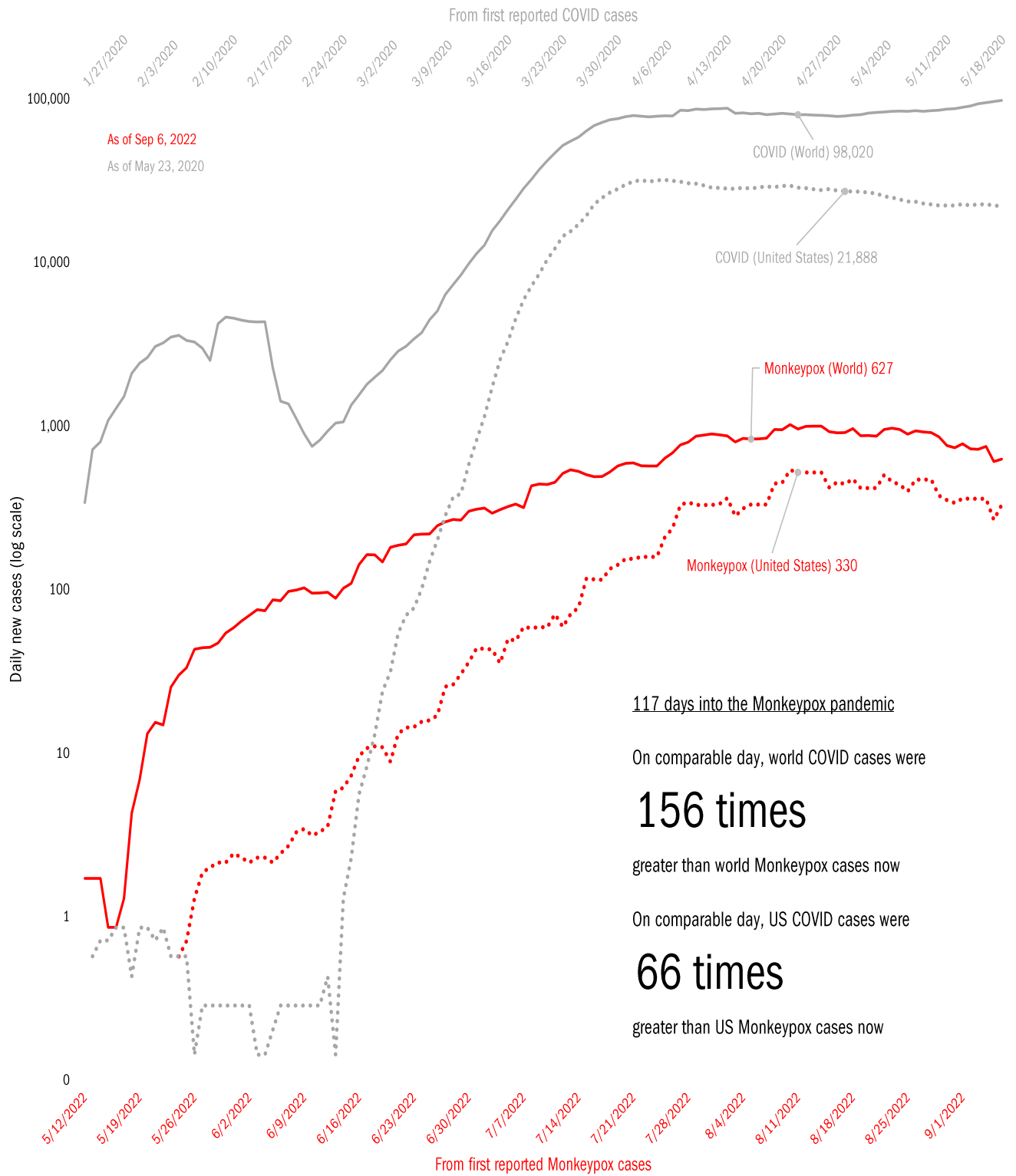
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CA	-15,870	CA	-58	TX	-125
IL	-7,225	KS	-51	FL	-96
TX	-4,735	NC	-40	LA	-84
NY	-4,456	TX	-36	PA	-83
LA	-3,478	ID	-18	WA	-63



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

The Monkeypox contextualizer

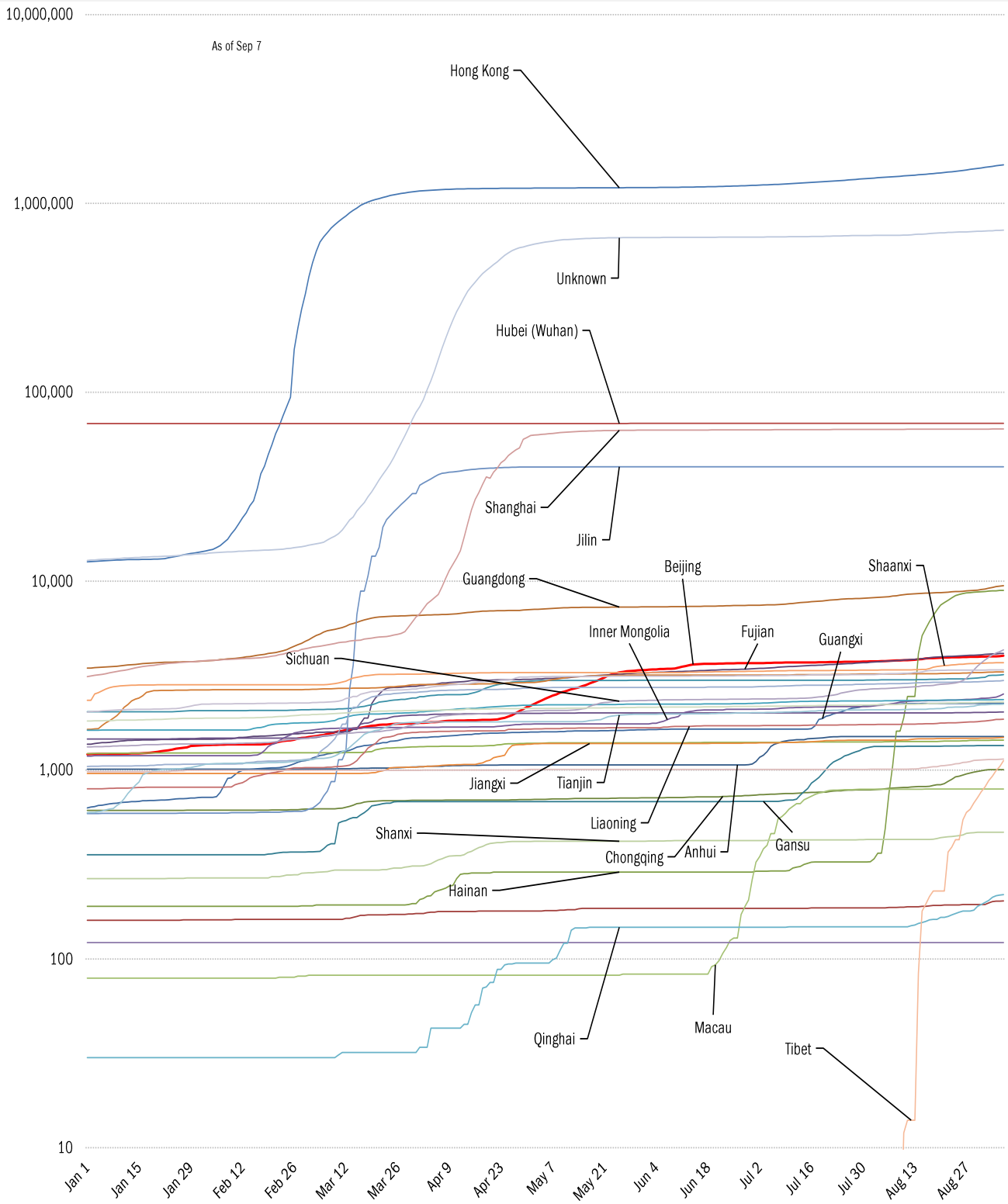
The course of case growth versus COVID



Source: [Our World In Data](#), TrendMacro calculations

China provincial coronavirus case accelerometer... tracking the "zero Covid" curves

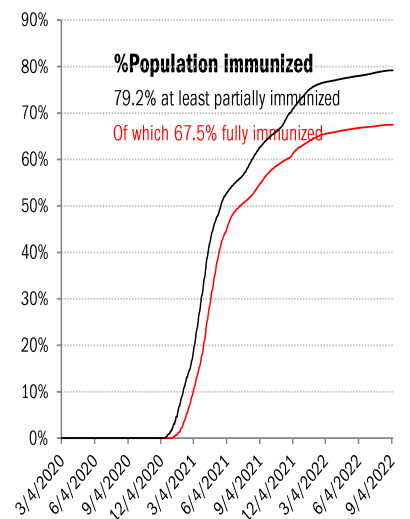
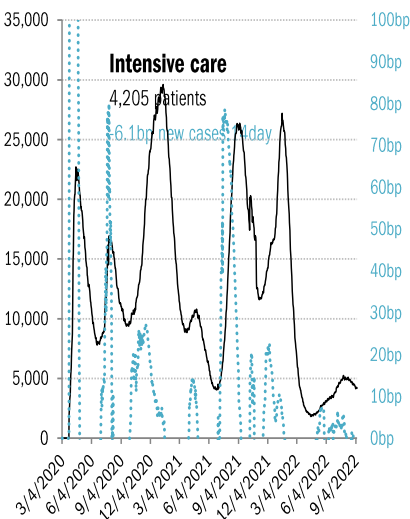
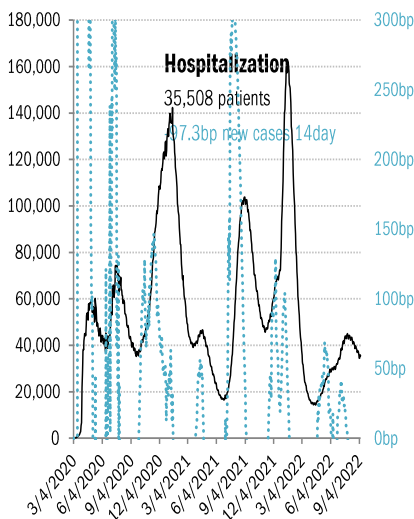
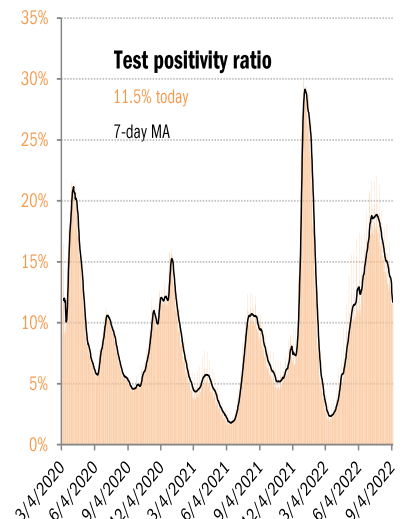
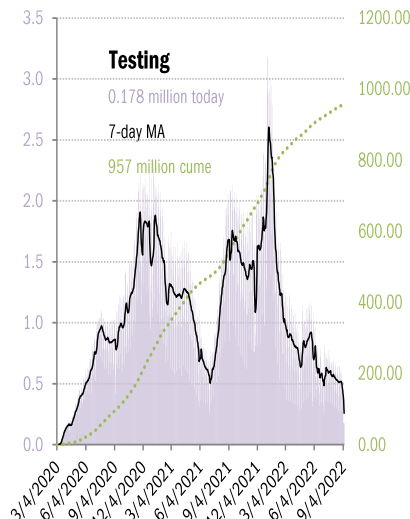
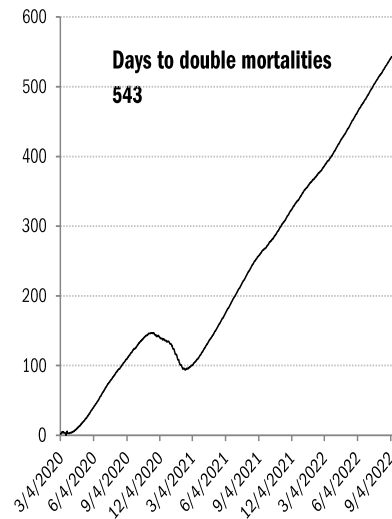
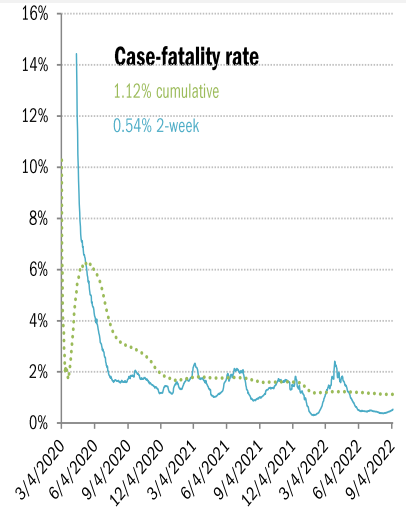
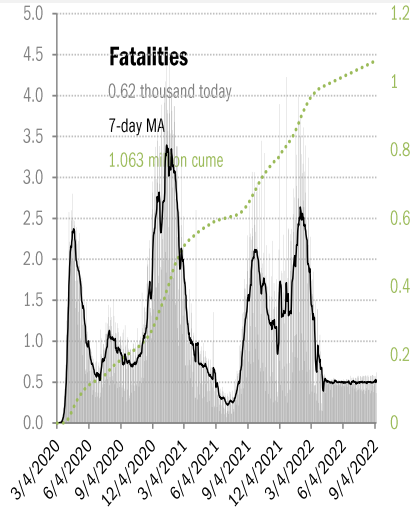
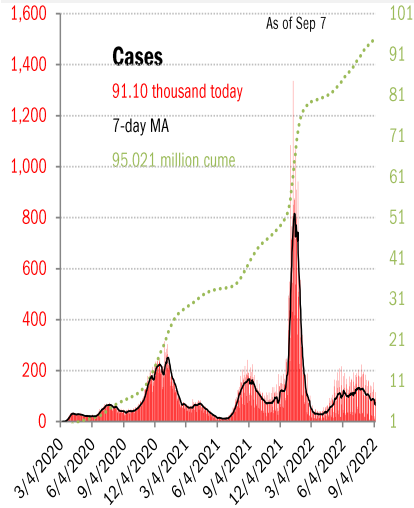
Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



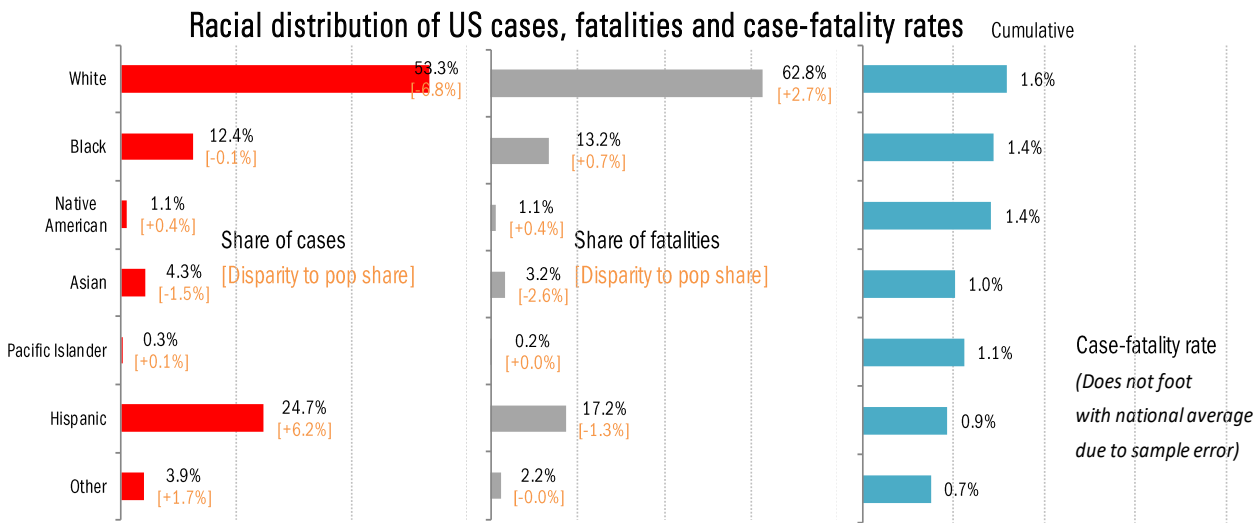
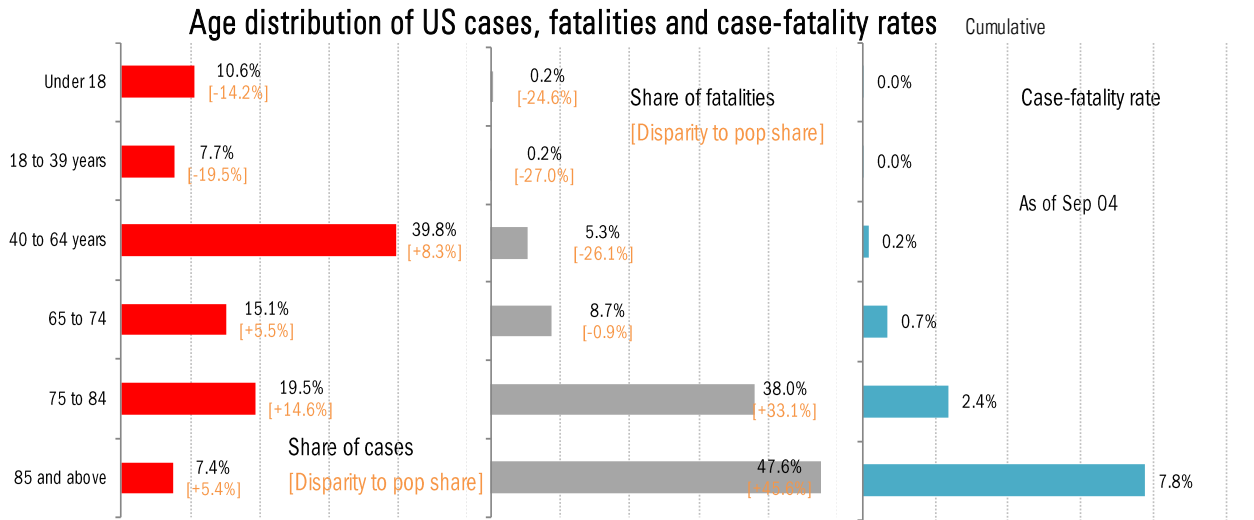
Source: [Johns Hopkins](#), TrendMacro calculations

US deep-dive

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

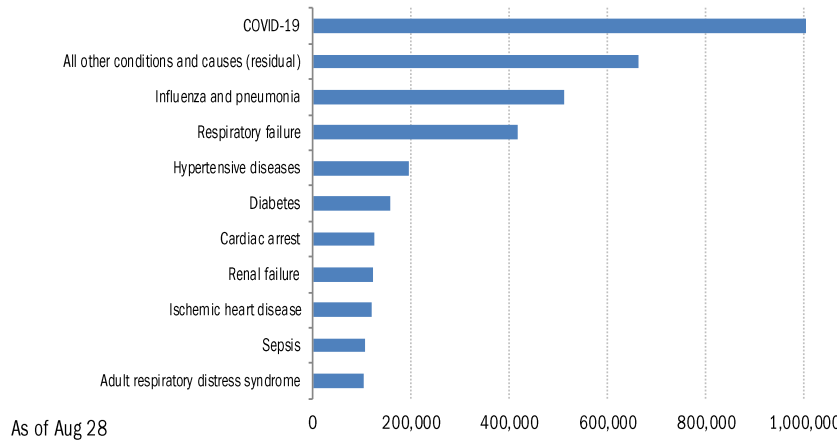


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[Do boosters save people from getting very sick with Covid? New data from Britain say the opposite.](#)

Alex Berenson
Unreported Truths
September 7, 2022

[What you need to know about 'original antigenic sin' with fall COVID boosters around the corner](#)

Youri Benadjaoud and Emma Egan
ABC News
September 7, 2022

[New York ends mask requirement for subways, buses and other mass transit](#)

Spencer Kimball
CNBC
September 7, 2022

[Climate and COVID 'Science'](#)

Don Boudreaux
American Institute for Economic Research
September 4, 2022

[Pfizer to Make Record \\$54 Billion From COVID Shots and Treatment](#)

Joseph Mercola
The Defender
September 6, 2022

[Owning Up to America's Covid Pandemic Failures](#)

William A. Galston
Wall Street Journal
September 6, 2022

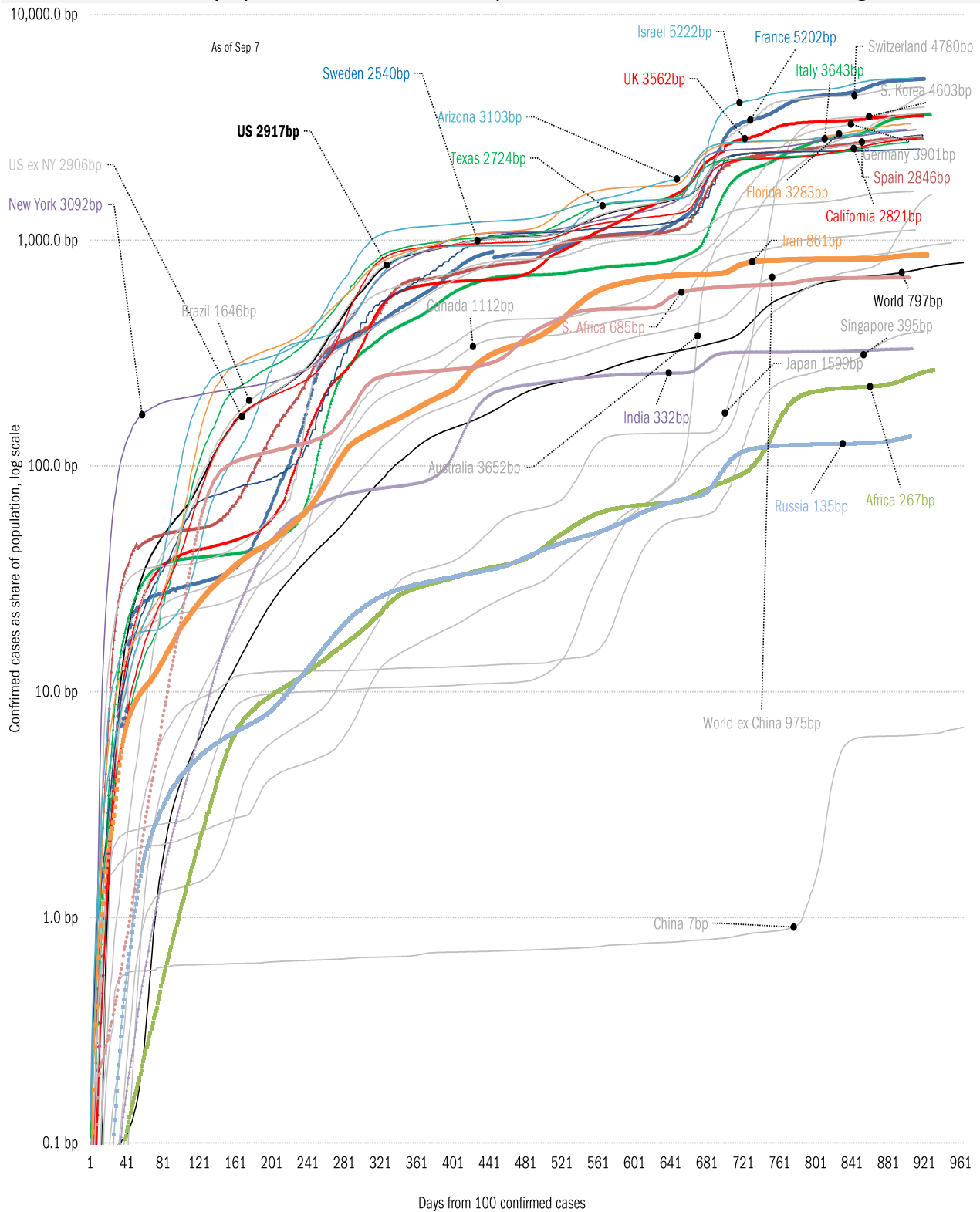
Meme of the day



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

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

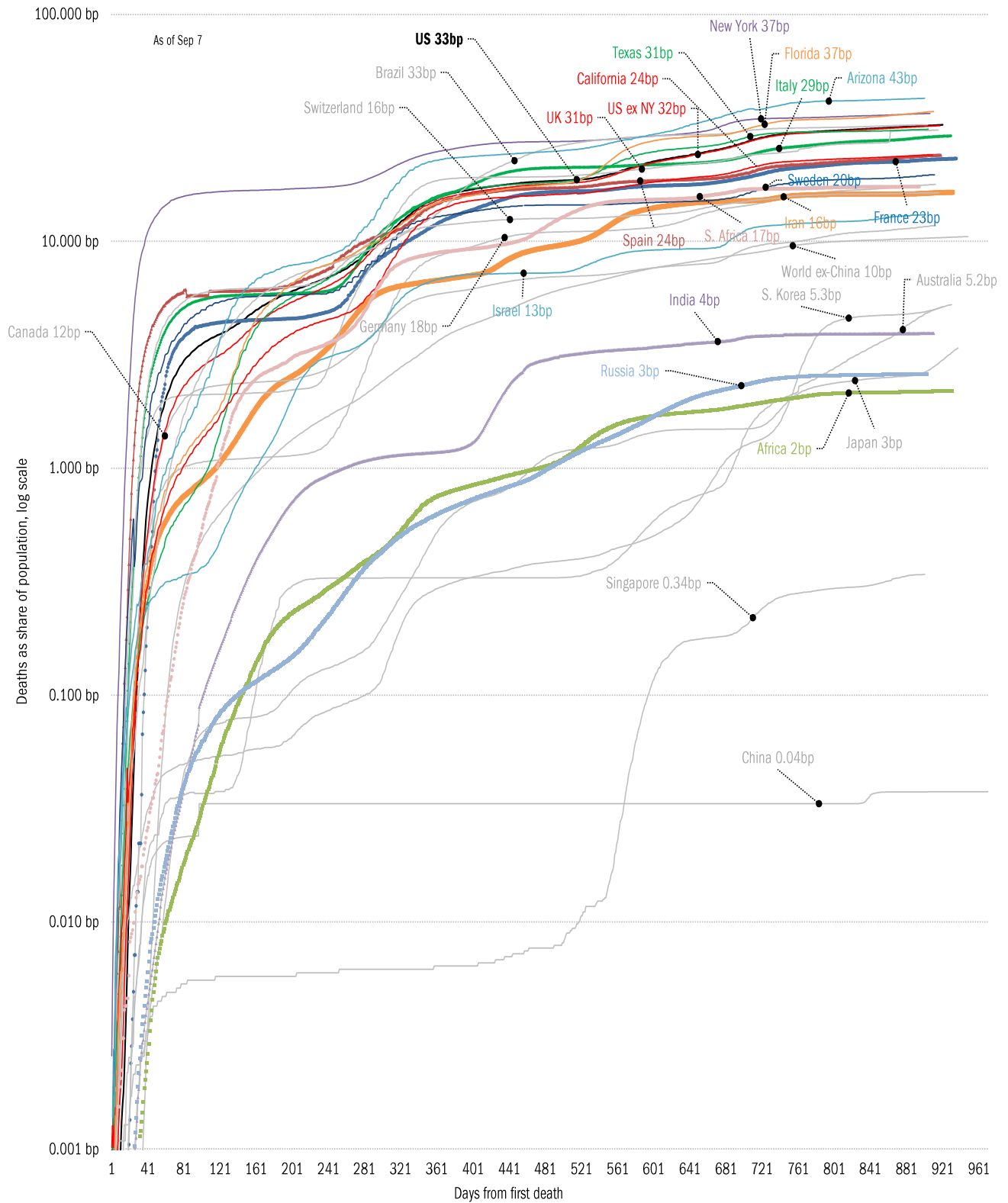
Share of infected population from first day with 100 confirmed cases, log scale



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

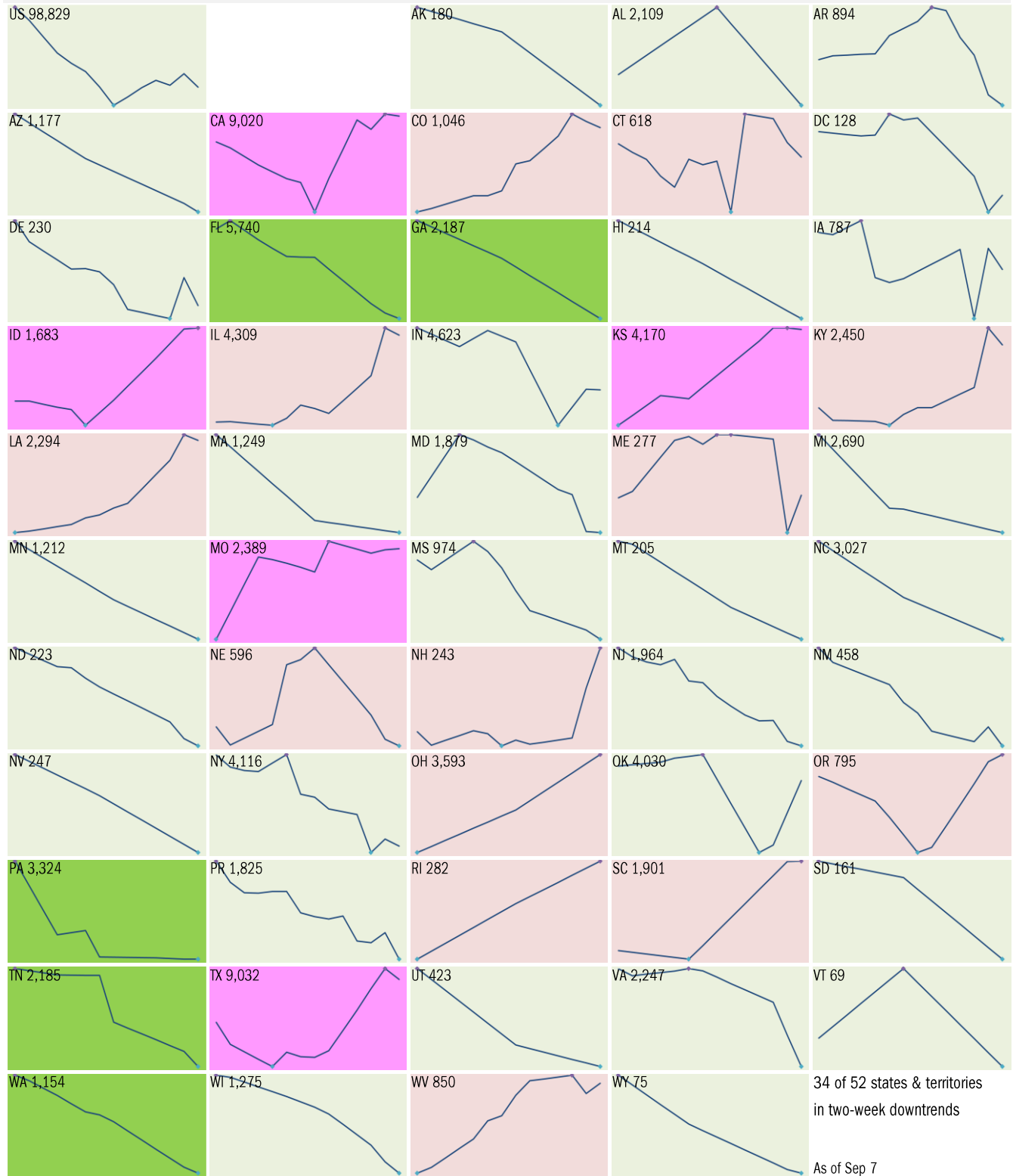


Source: [Johns Hopkins](#), TrendMacro calculations

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

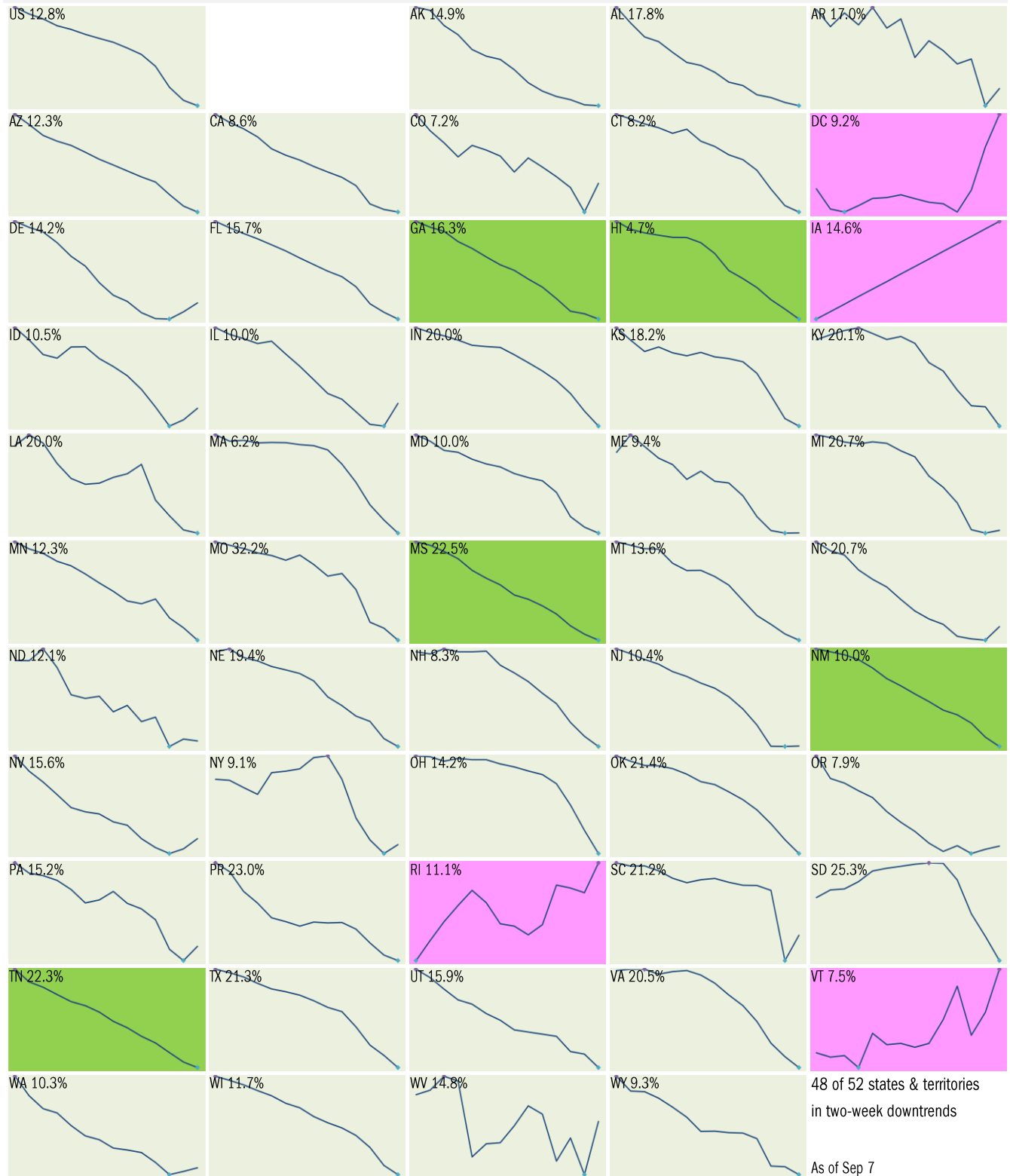


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

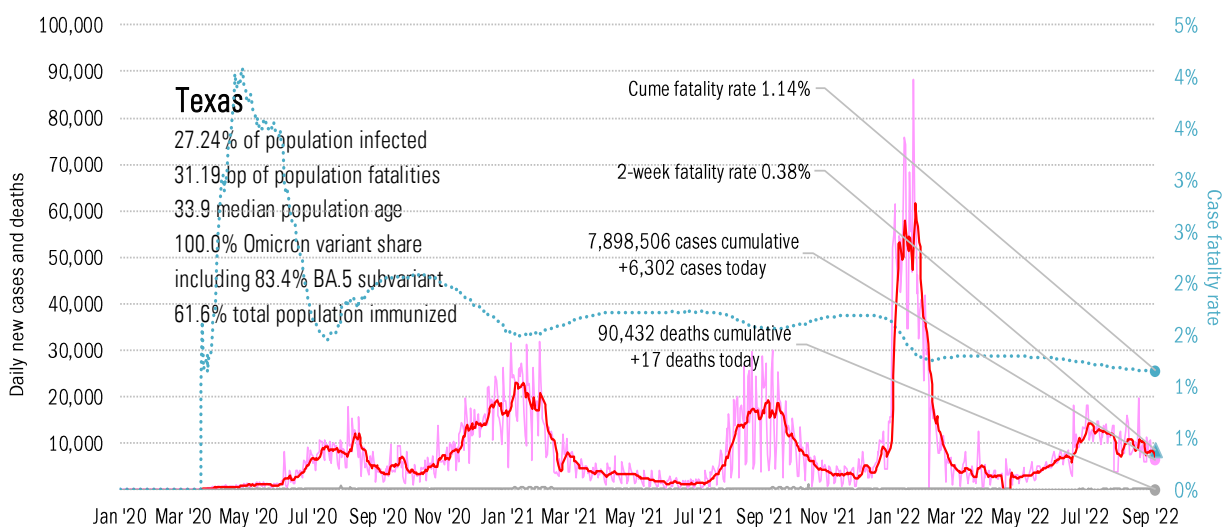
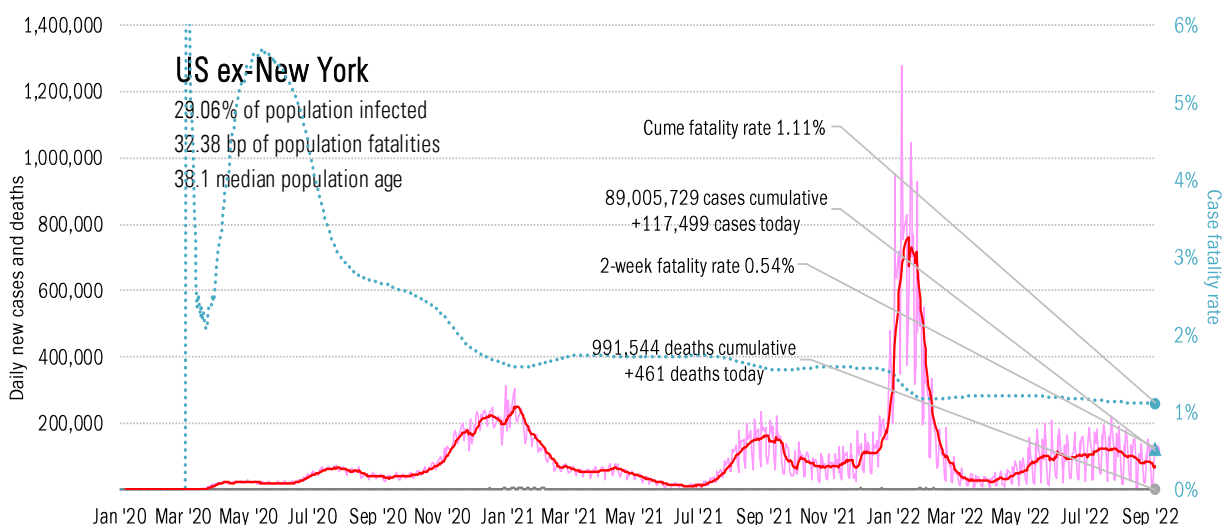
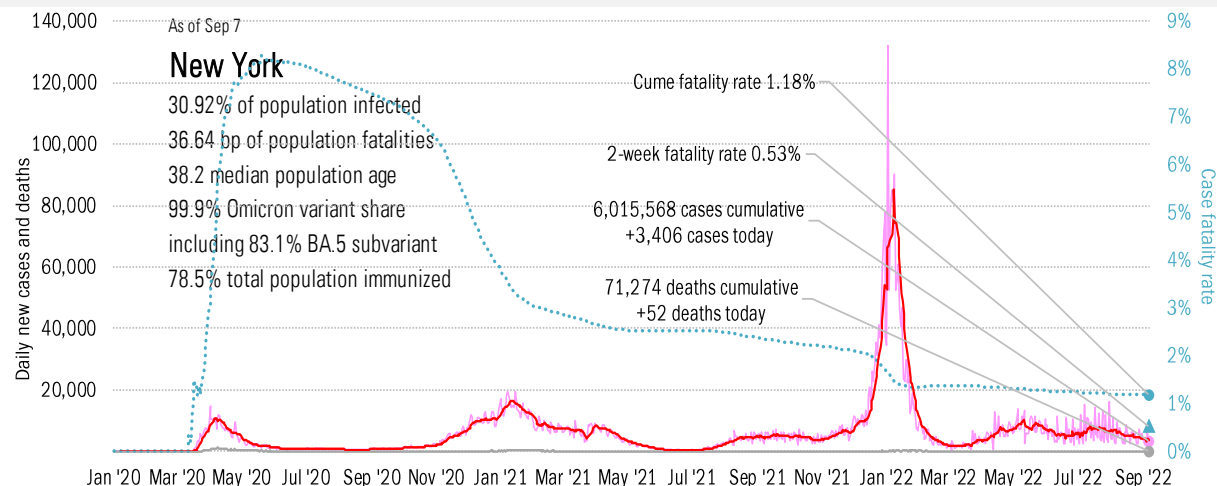
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

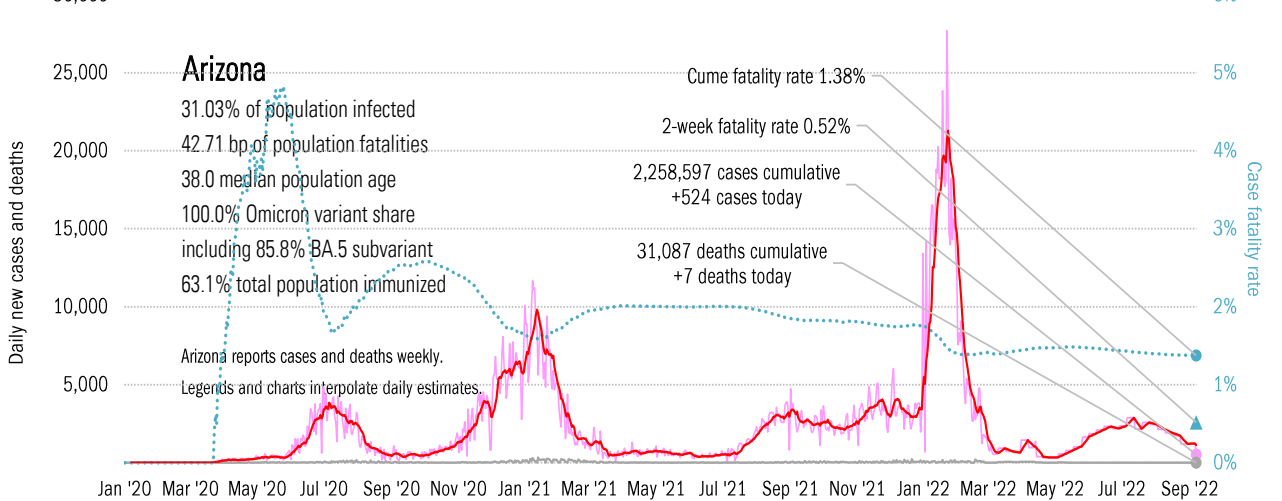
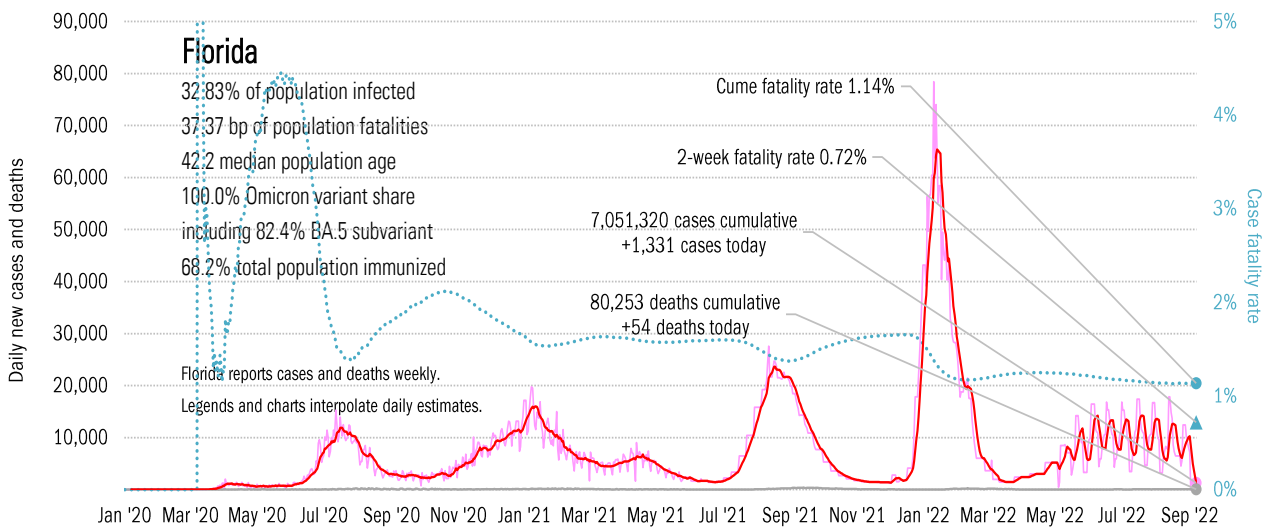
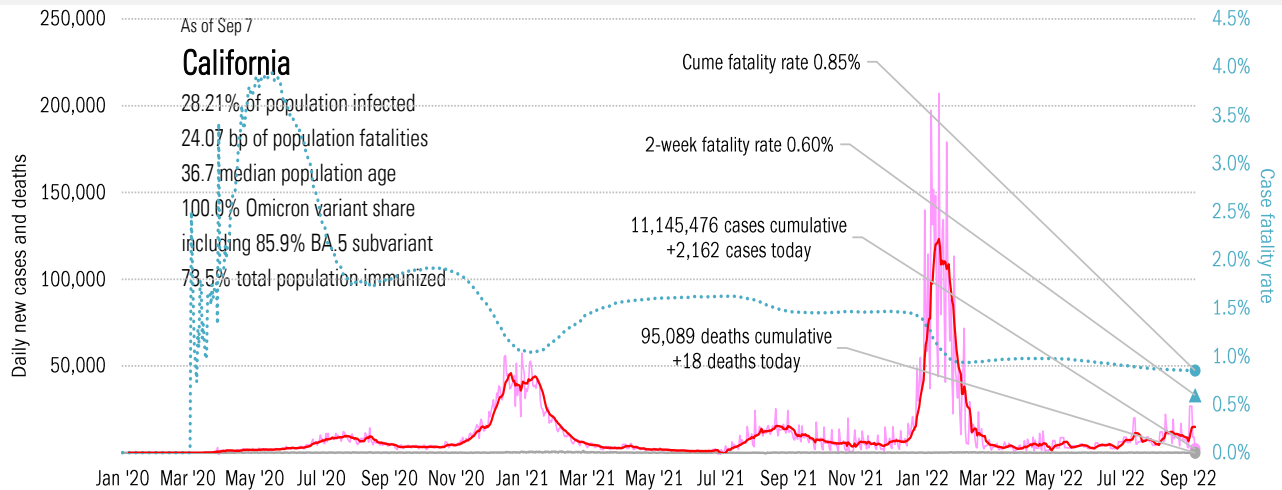
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

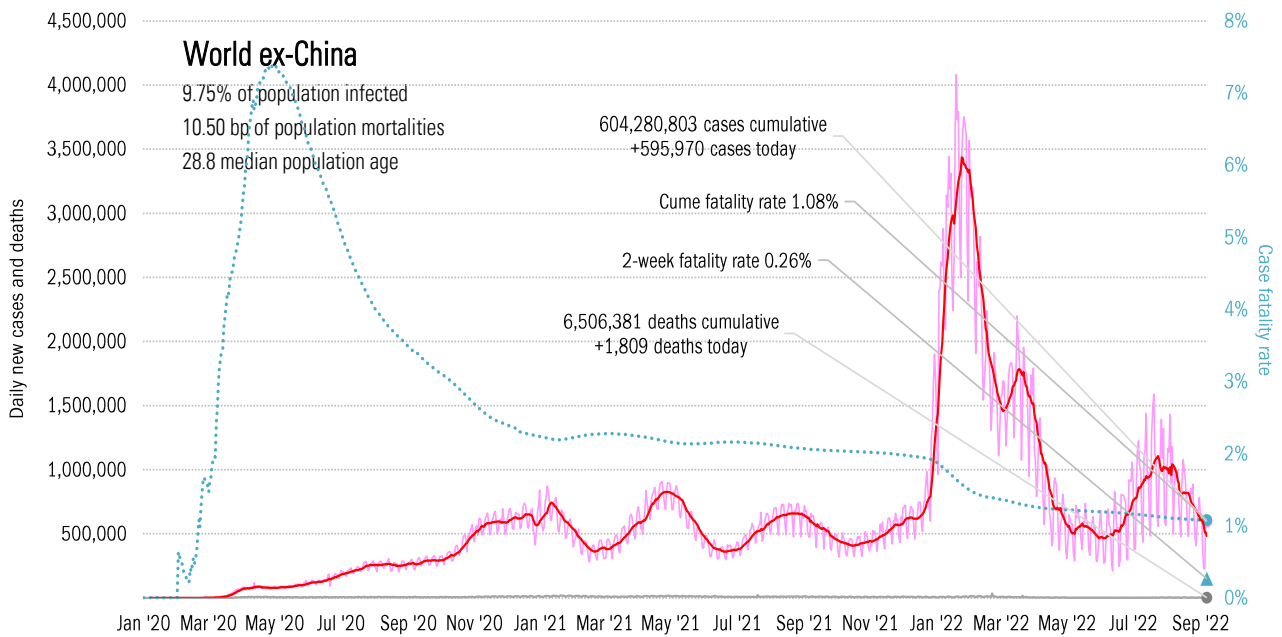
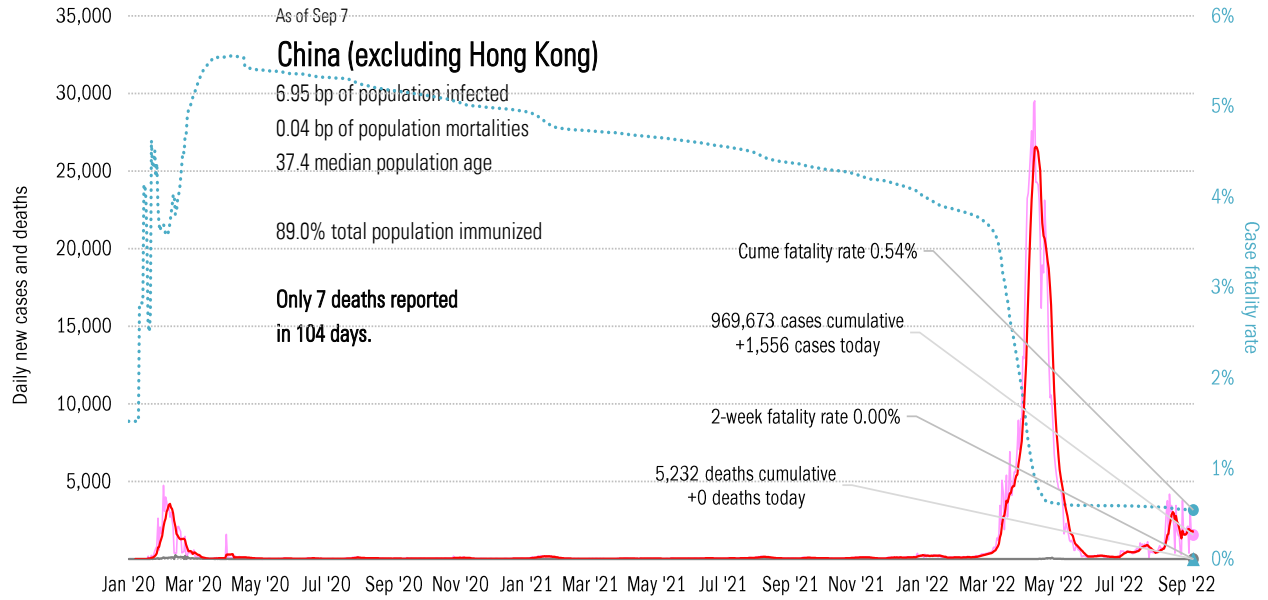
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

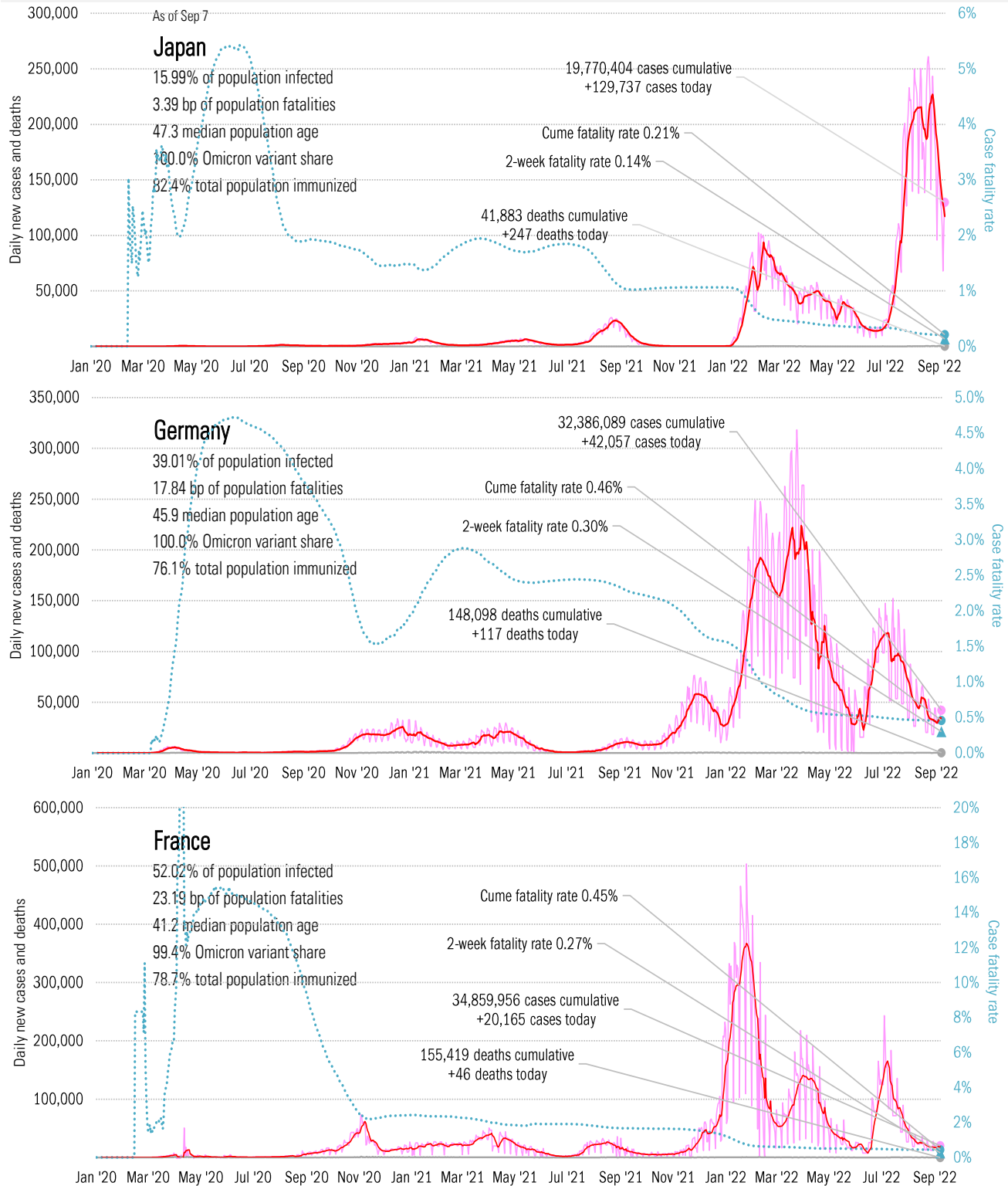
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

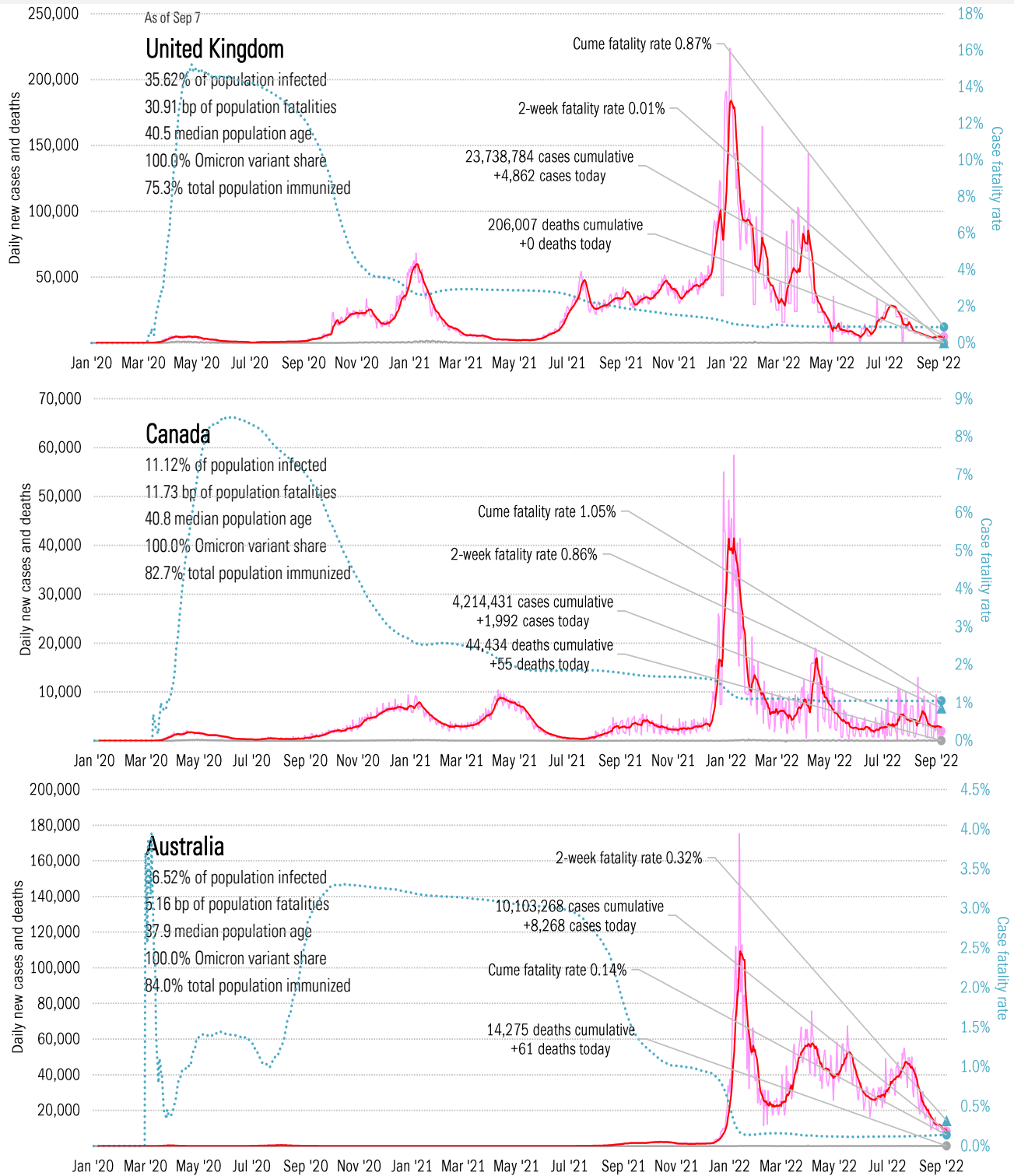
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

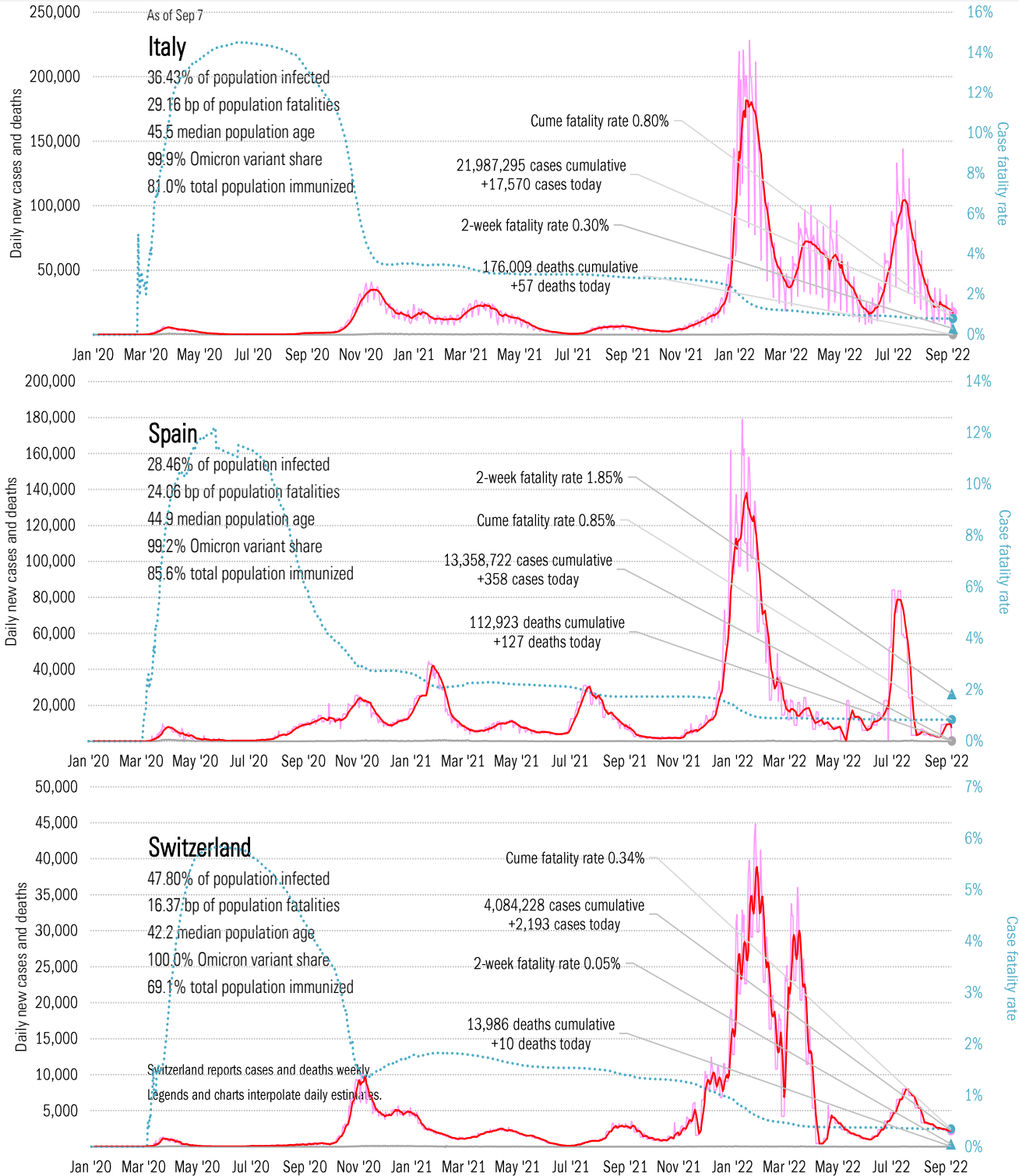
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

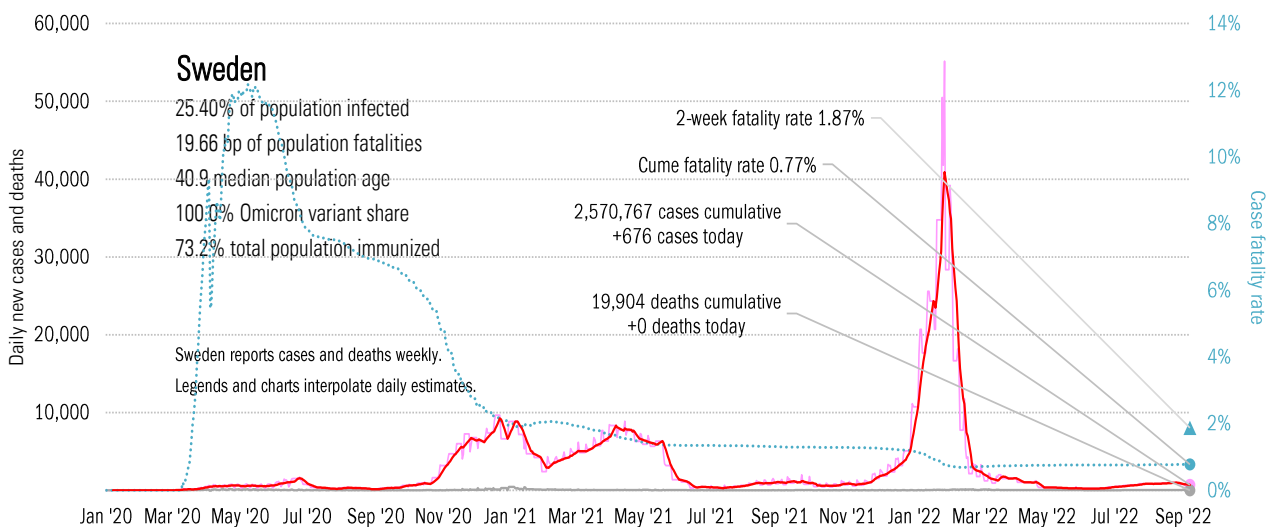
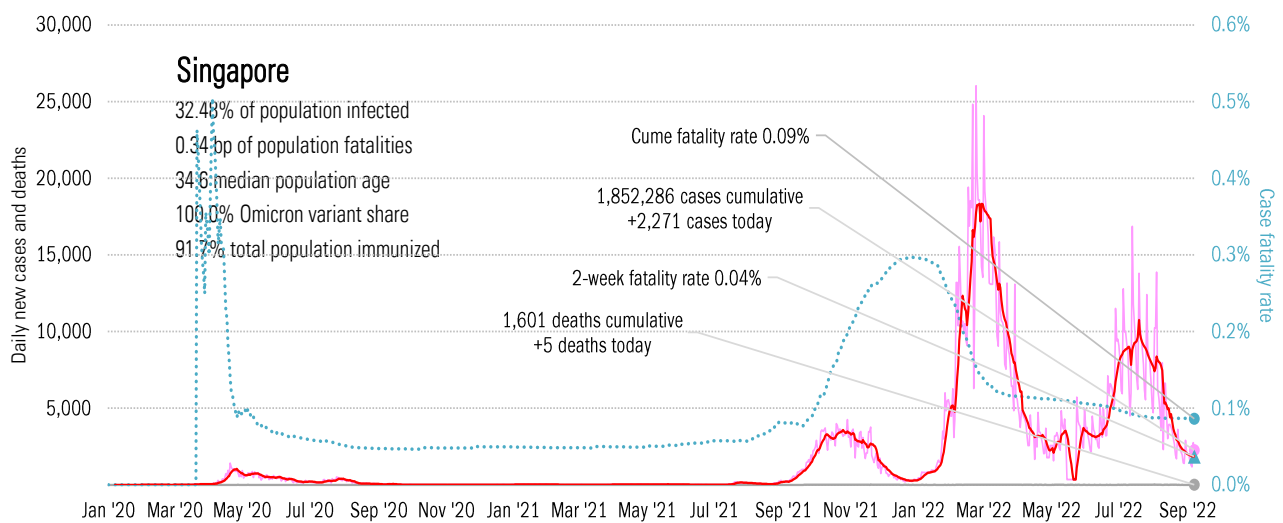
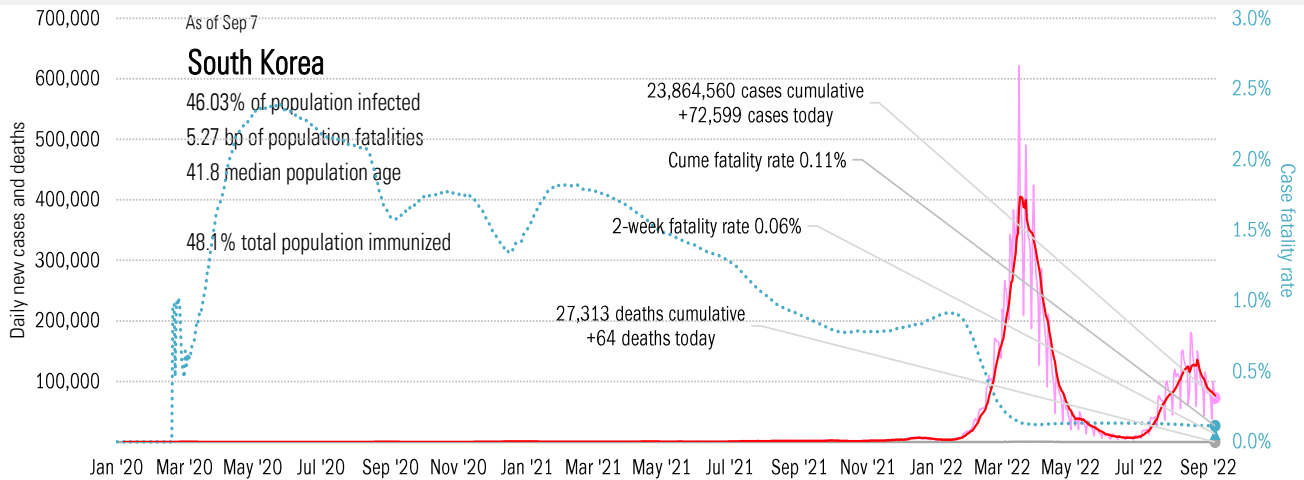
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

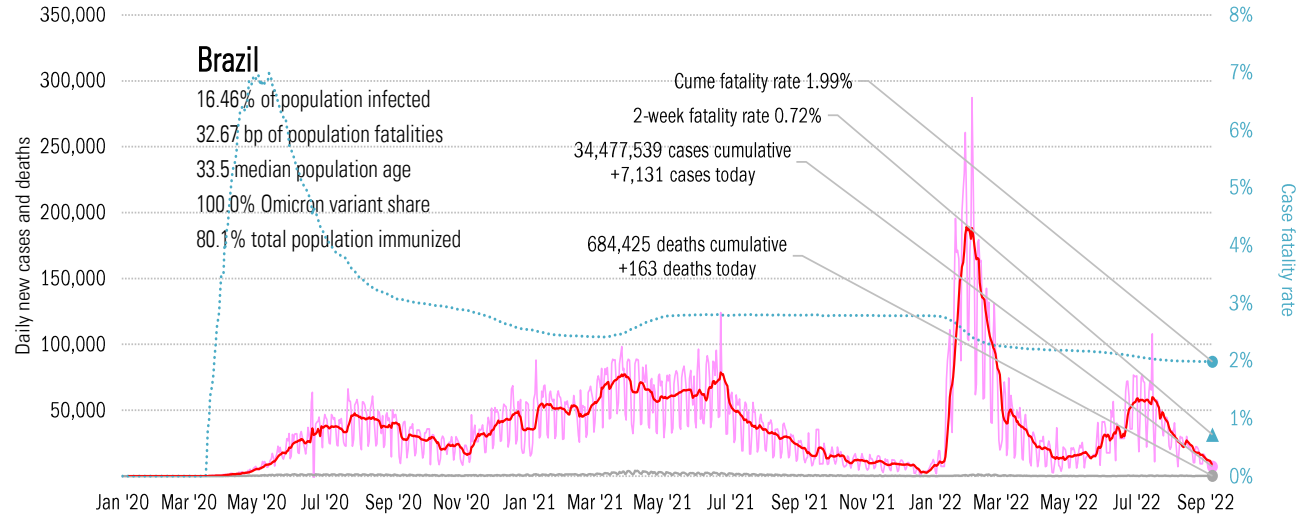
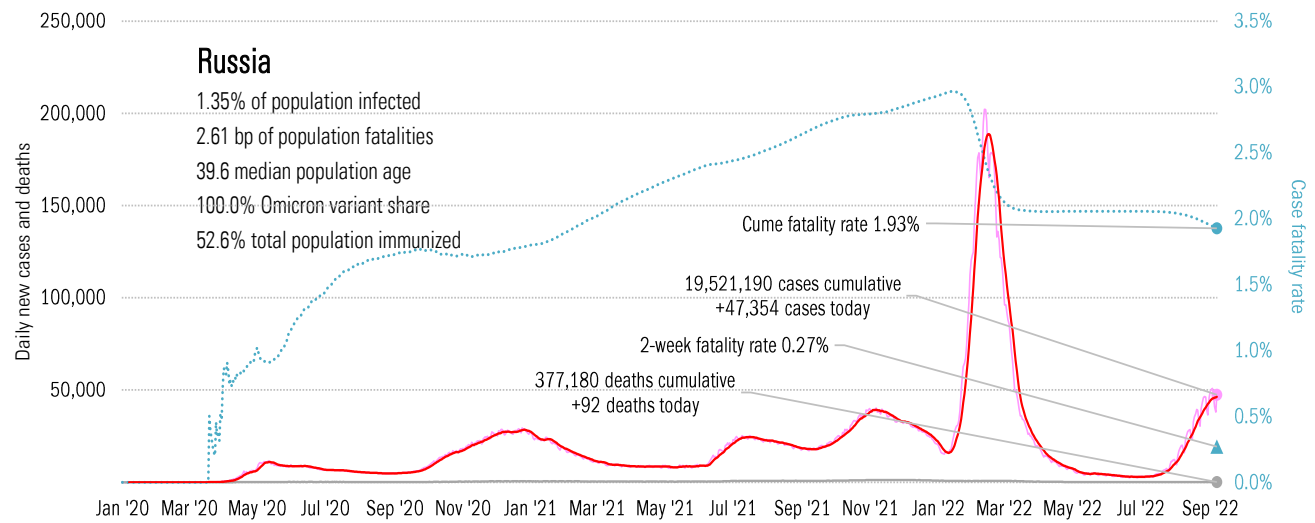
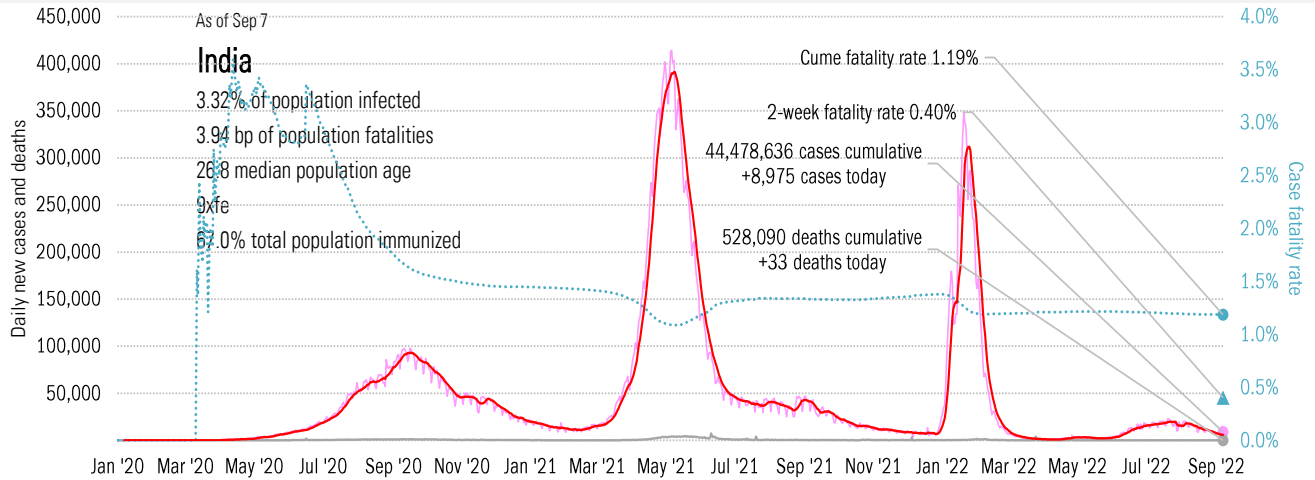
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

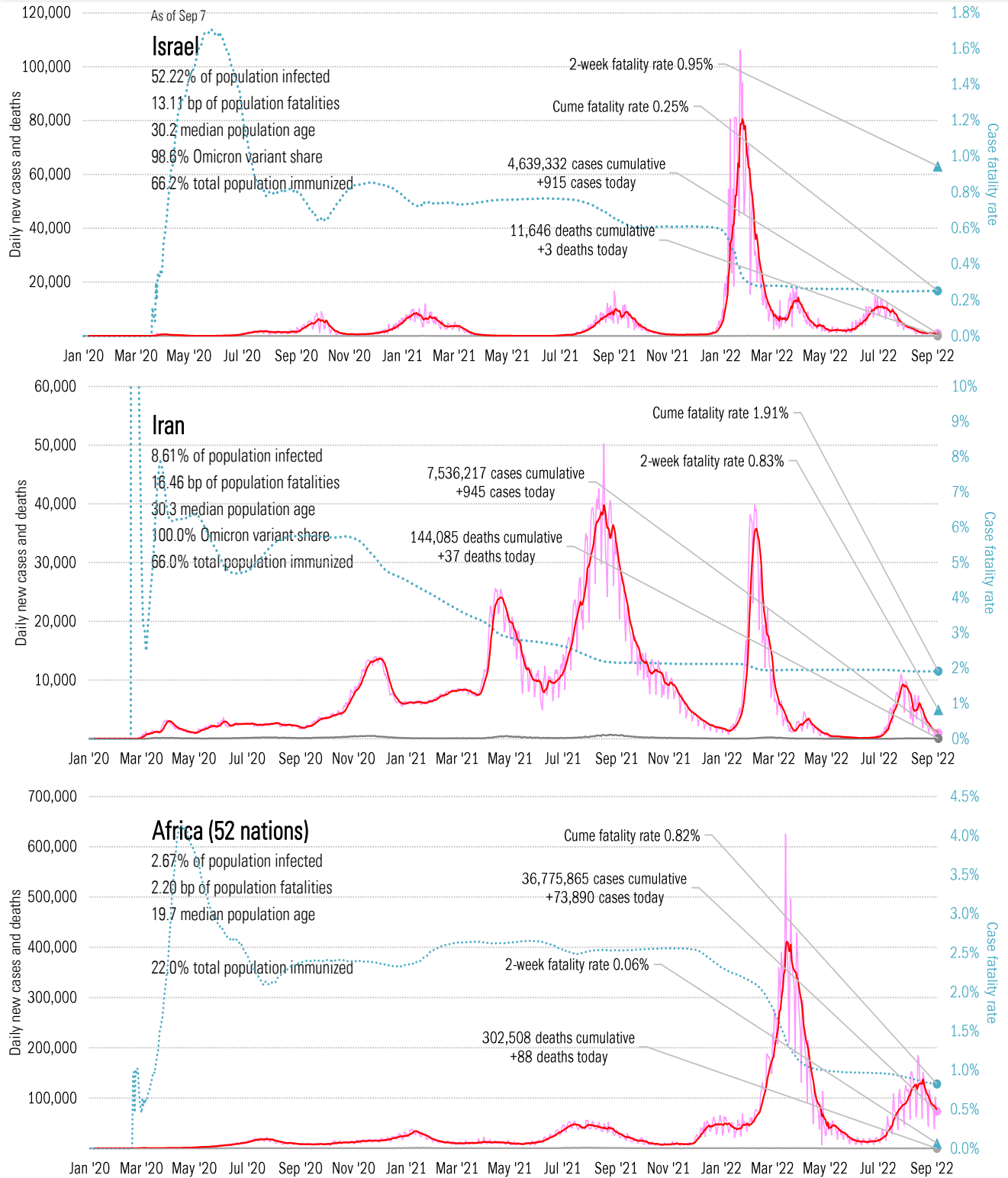
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

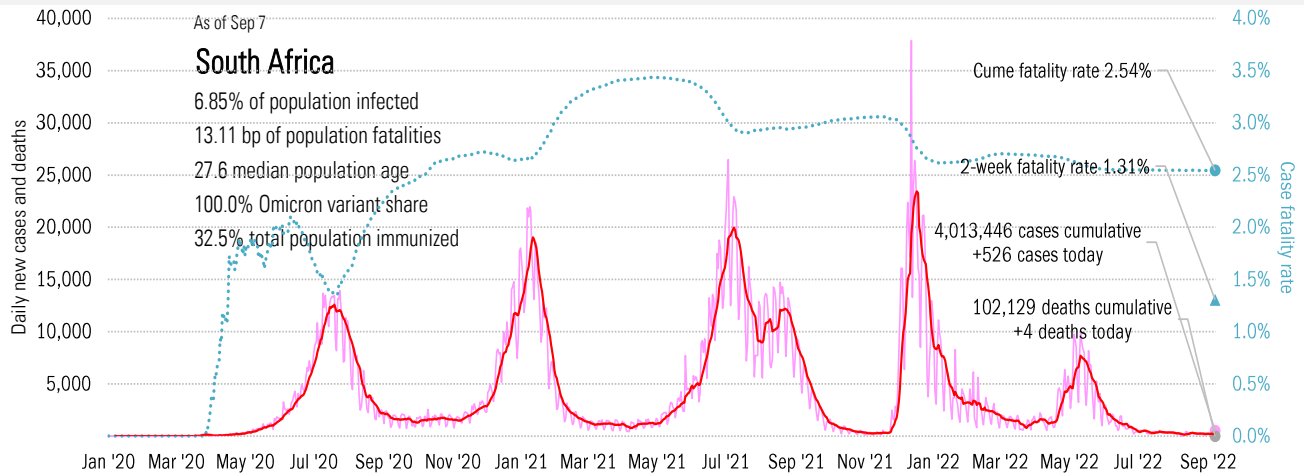
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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