

## Data Insights: Covid-2019 Monitor

Monday, July 4, 2022

### The global scorecard

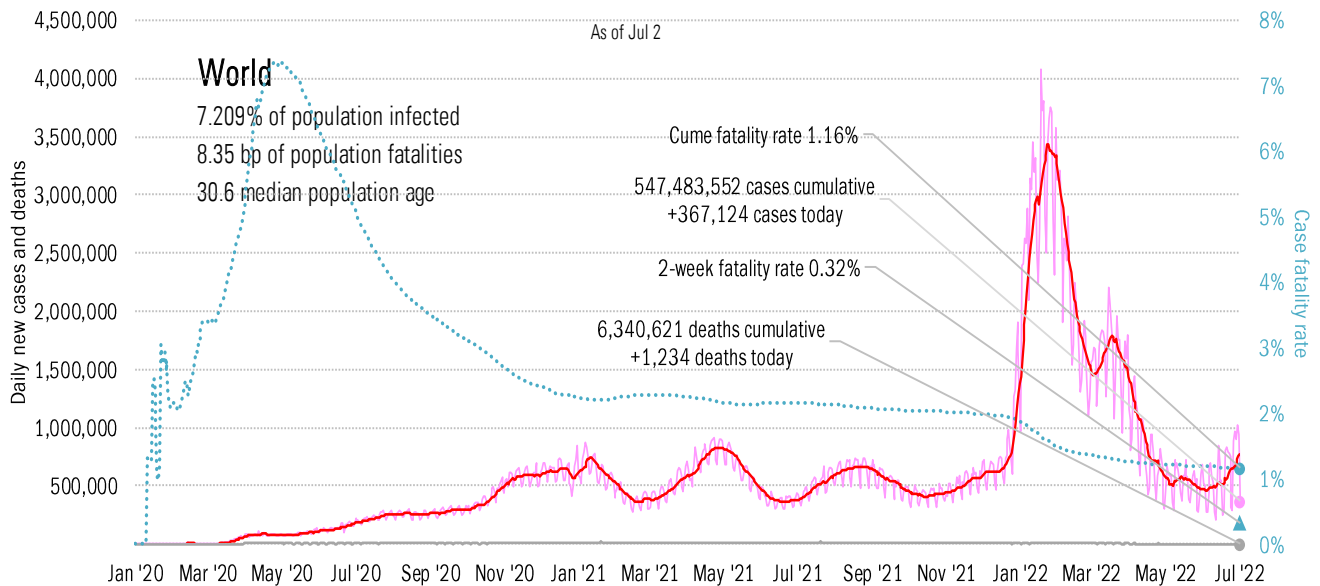
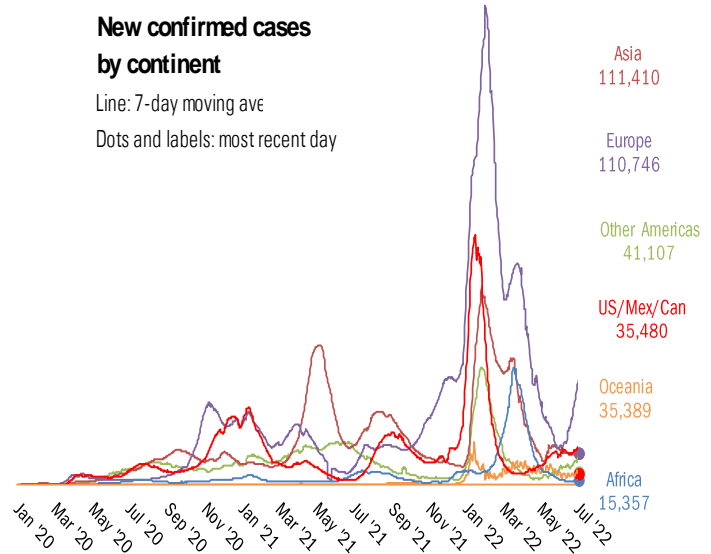
Cases: 7-day average and daily Deaths: Daily

#### The worst ten countries

New cases		New Deaths	
Italy	85,943	United States	554
Brazil	37,784	Brazil	158
Taiwan*	34,807	Taiwan*	96
United States	34,287	Italy	63
Australia	30,215	Russia	49
Japan	24,875	Chile	38
India	16,103	India	31
Greece	15,839	Australia	30
Chile	11,365	Greece	26
Korea, South	10,059	Israel	20
301,277		1,065	
World	367,124	World	1,234
Top ten	82%	Top ten	86%

#### New confirmed cases by continent

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



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

#### For more information contact us:

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# The US scorecard

Cases: 7-day average and daily Deaths: Daily

## The ten worst US states

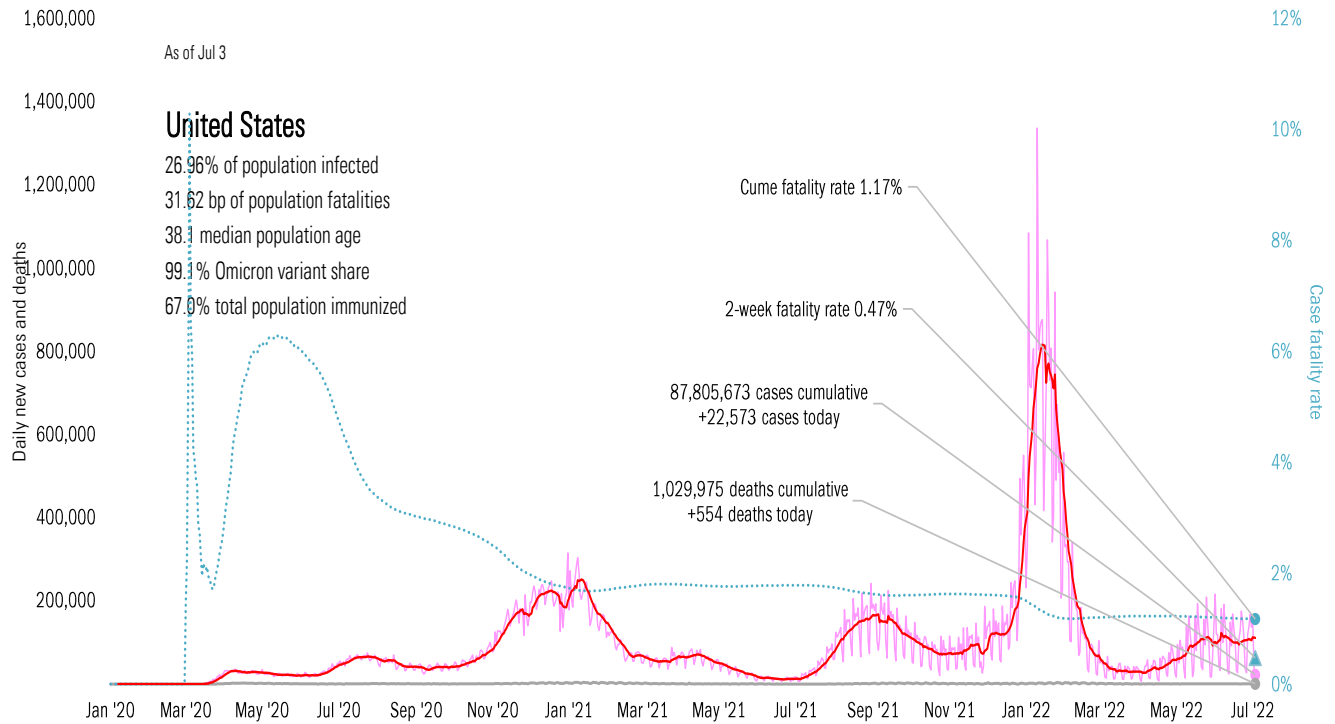
New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	15,276		FL	45		FL	714		CA	10,157,114		CA	92,386		TX	505,723		RI	91%	NM	86%
NY	2,796		AZ	9		TX	522		TX	7,202,665		TX	88,735		CA	451,836		MA	87%	RI	86%
AZ	2,688		CA	0		GA	209		FL	6,500,643		FL	75,970		FL	445,308		MN	85%	WA	83%
FR	2,688		FR	0		CA	635		NY	5,625,004		NY	69,698		NY	271,454		WA	84%	TX	82%
CT	2,688		CT	0		IL	221		IL	3,435,405		PA	45,766		GA	210,406		MO	81%	NC	81%
AR	2,688		AR	0		AL	114		PA	3,006,257		CH	38,852		CH	200,276		DE	80%	MA	81%
AK	0		AS	0		PA	161		NC	2,867,218		IL	38,601		PA	187,315		GA	80%	DE	80%
AL	0		CA	0		CH	162		CH	2,848,453		GA	38,579		IL	169,131		MD	80%	UT	79%
AS	0		CO	0		KY	91		GA	2,647,568		MI	36,918		MI	150,199		WV	80%	MN	79%
CA	0		CT	0		NC	132		MI	2,606,431		NJ	34,064		KY	136,322		PA	80%	NE	79%
22,573			56			2,961			46,896,758			559,569			2,727,970						
All states	22,573		554		5,347		All states	87,805,673		1,029,975		4,955,073		All states	70%		67%				
Top ten	100%		10%		55%		Top ten	53%		55%		55%		Median	74%		72%				

US state case and fatality data distorted today due to weekend delays.

Some states not reporting

## Five most improved US states

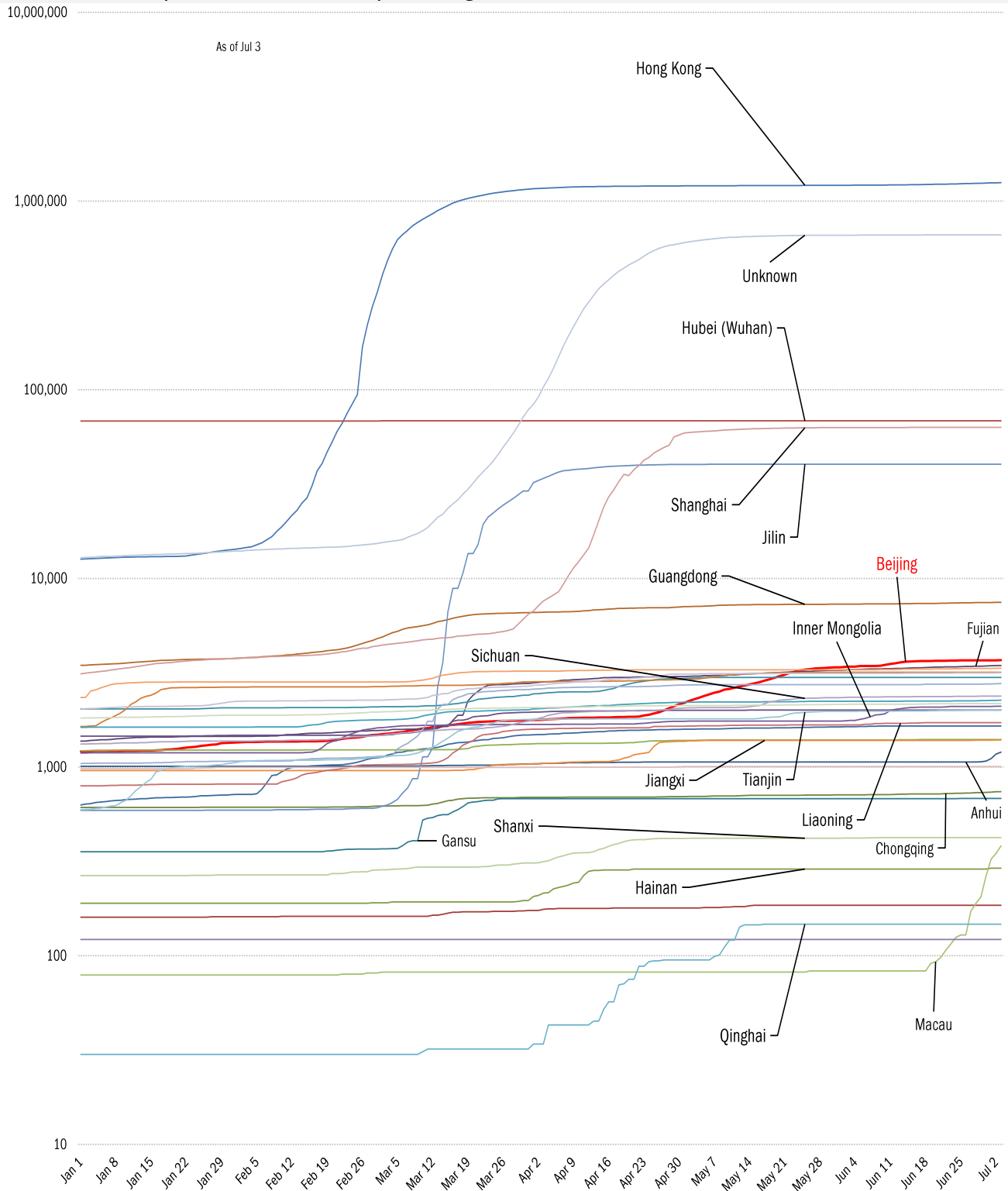
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NY	-4,436	NY	-8	NV	-68	WY	+362 bp
NJ	-3,539	NJ	-7	MD	-66	PA	+360 bp
FR	-1,910	FR	-7	NY	-61	MO	+356 bp
AR	-1,238	AR	-4	IN	-39	AZ	+352 bp
CT	-351	ME	-1	NJ	-38	ID	+344 bp



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

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

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

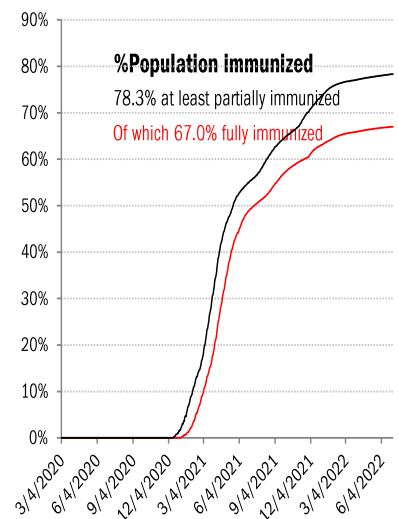
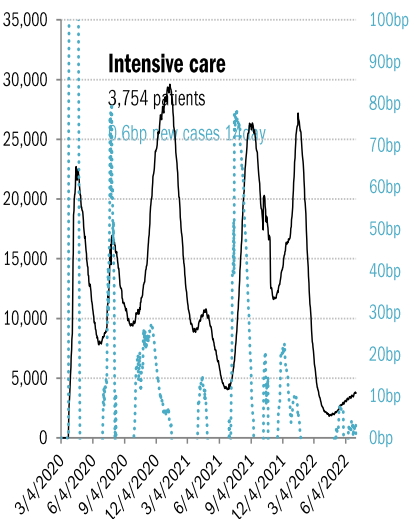
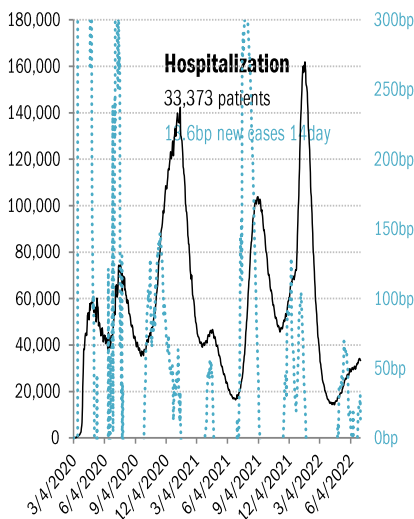
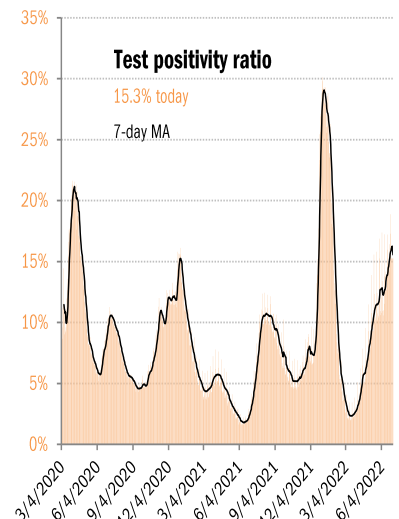
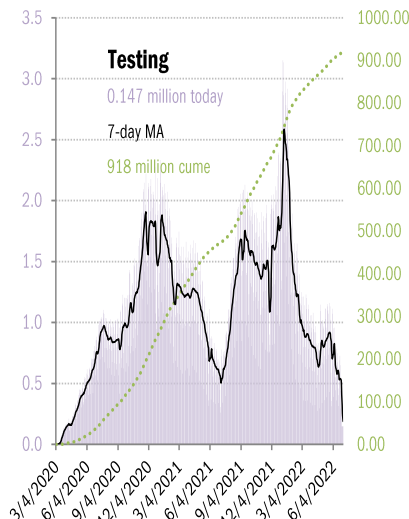
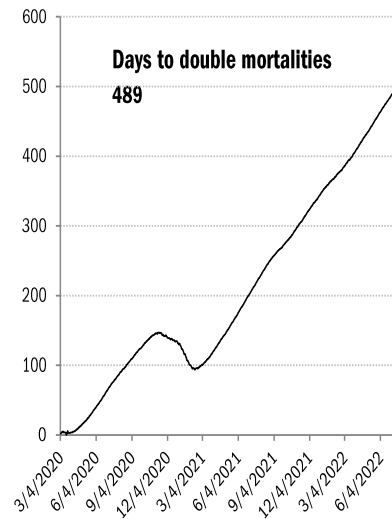
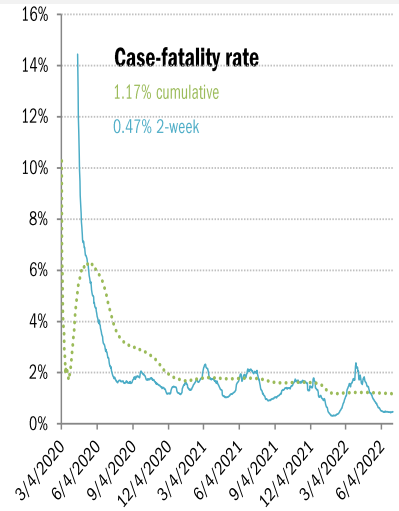
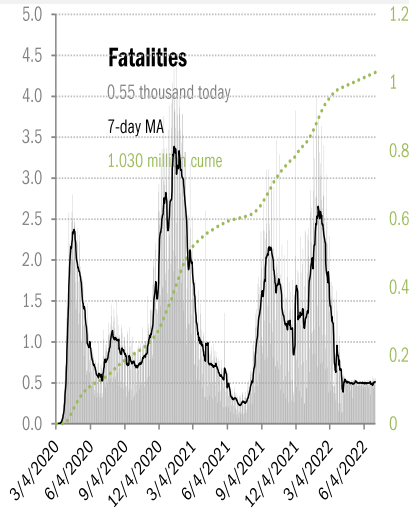
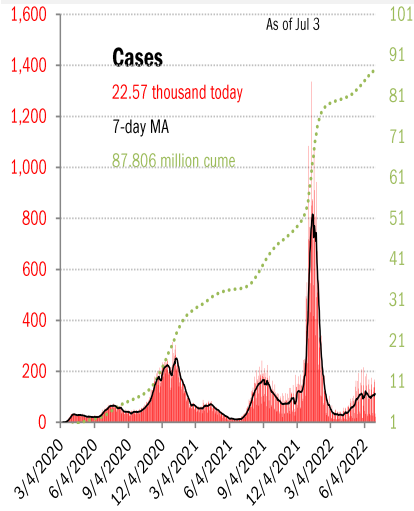


Source: [Johns Hopkins](#), TrendMacro calculations

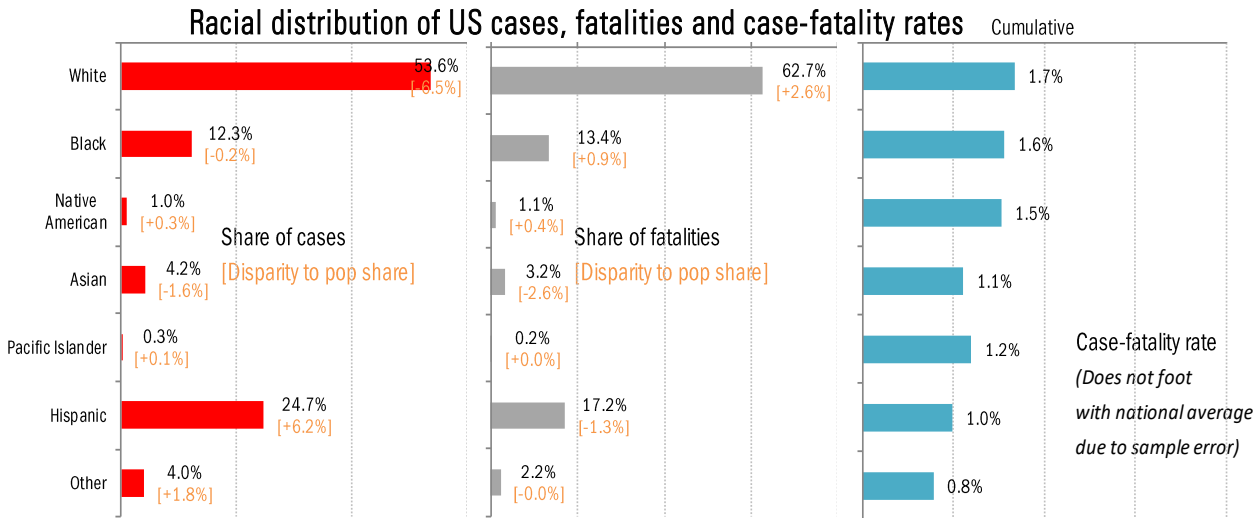
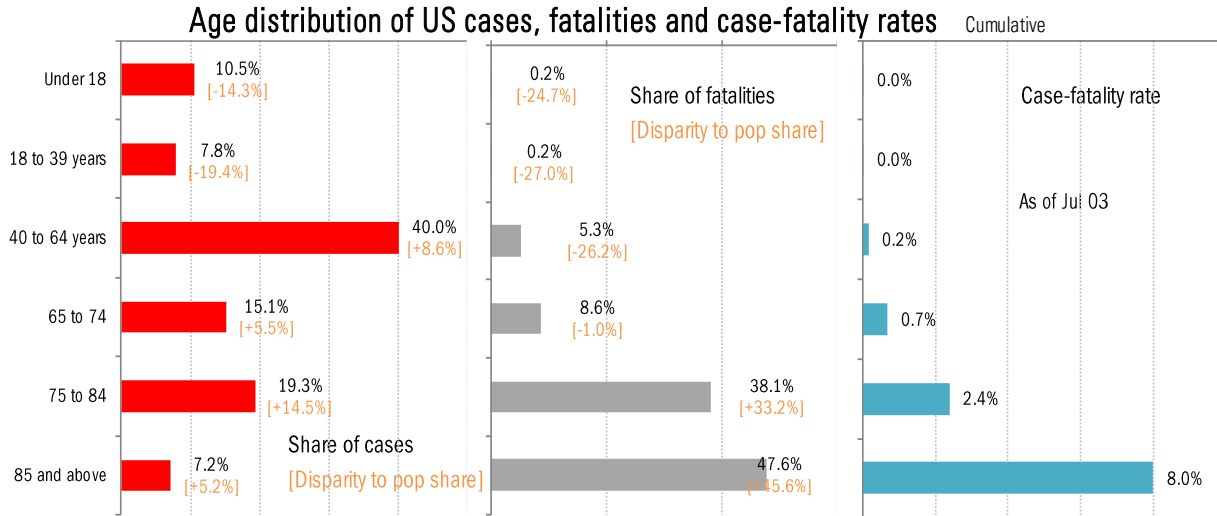


# US deep-dive

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

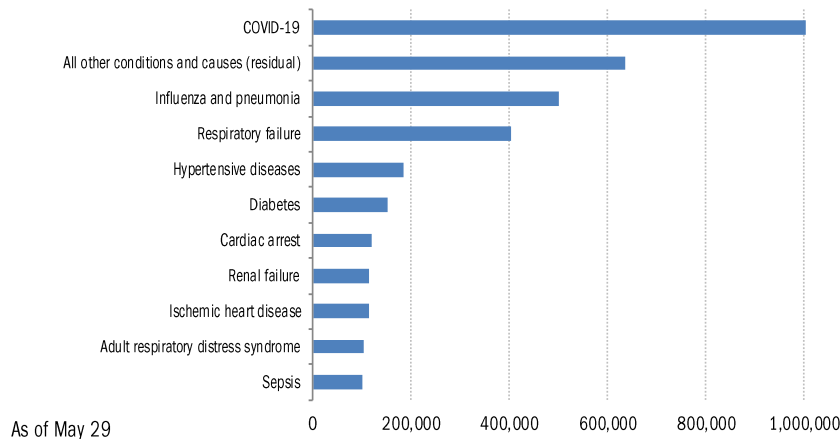


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



### 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

Comorbidity data has been paused by the CDC while making "system upgrades."

Source: Distributions [CDC](#), Comorbidities [CDC](#), TrendMacro calculations



## Recommended reading

[Covid-19 may have originated in US biolab – Lancet chair](#)

*Russia Today*  
July 1, 2022

[The Secrets of Covid 'Brain Fog' Are Starting to Lift](#)

Maggie Chen  
*Wired*  
July 1, 2022

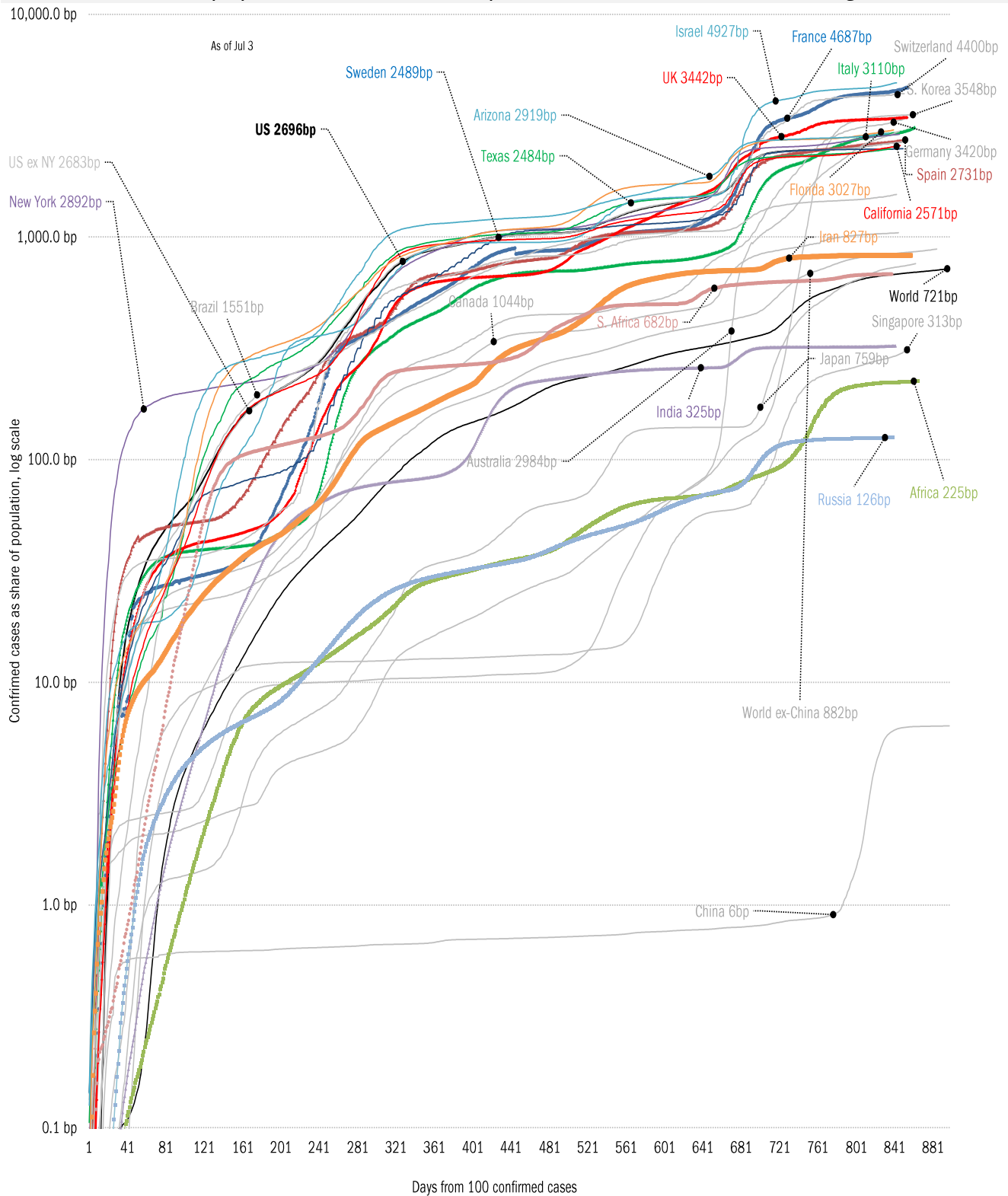
## Meme of the day



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

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

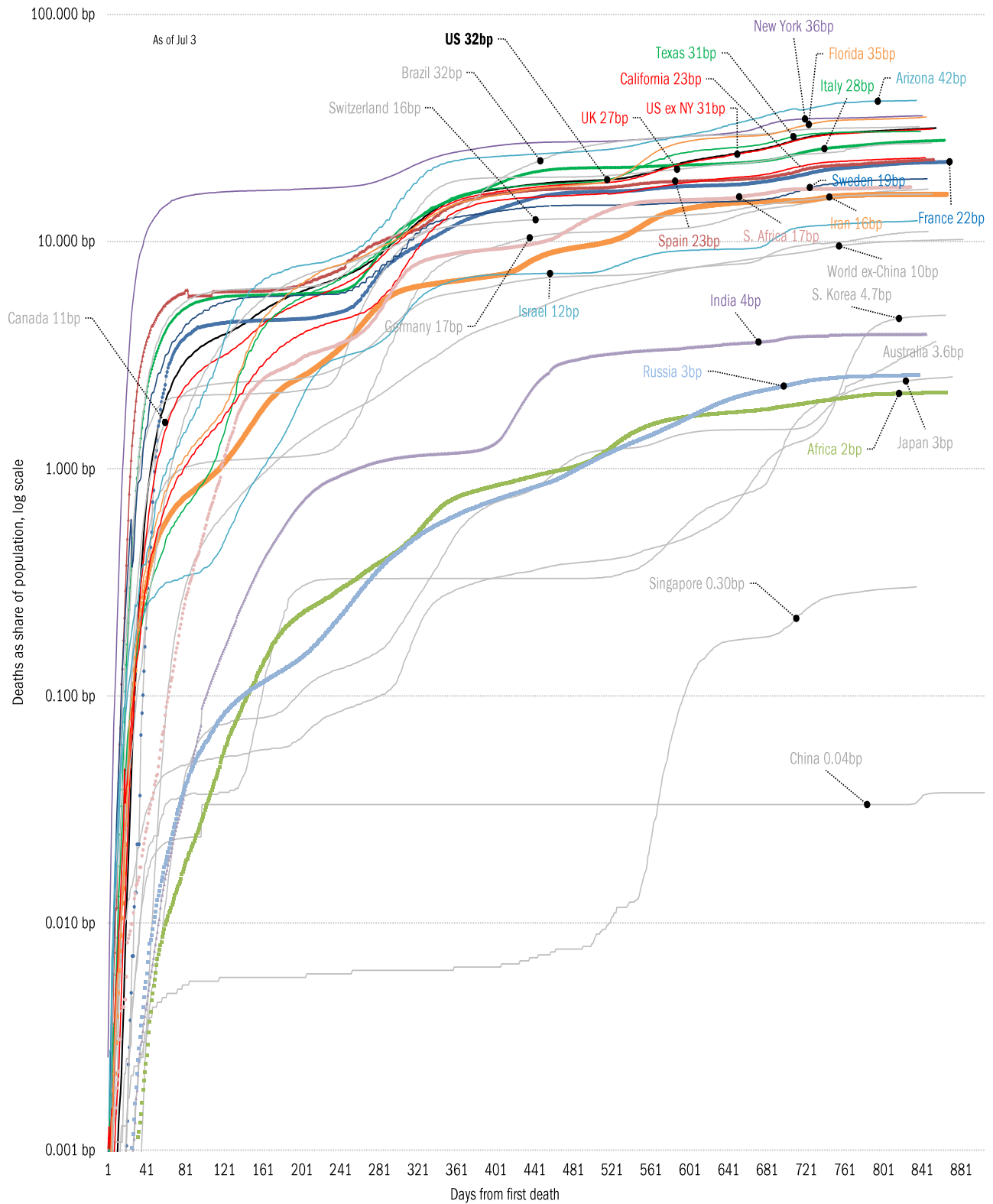
## Share of infected population from first day with 100 confirmed cases, log scale



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*

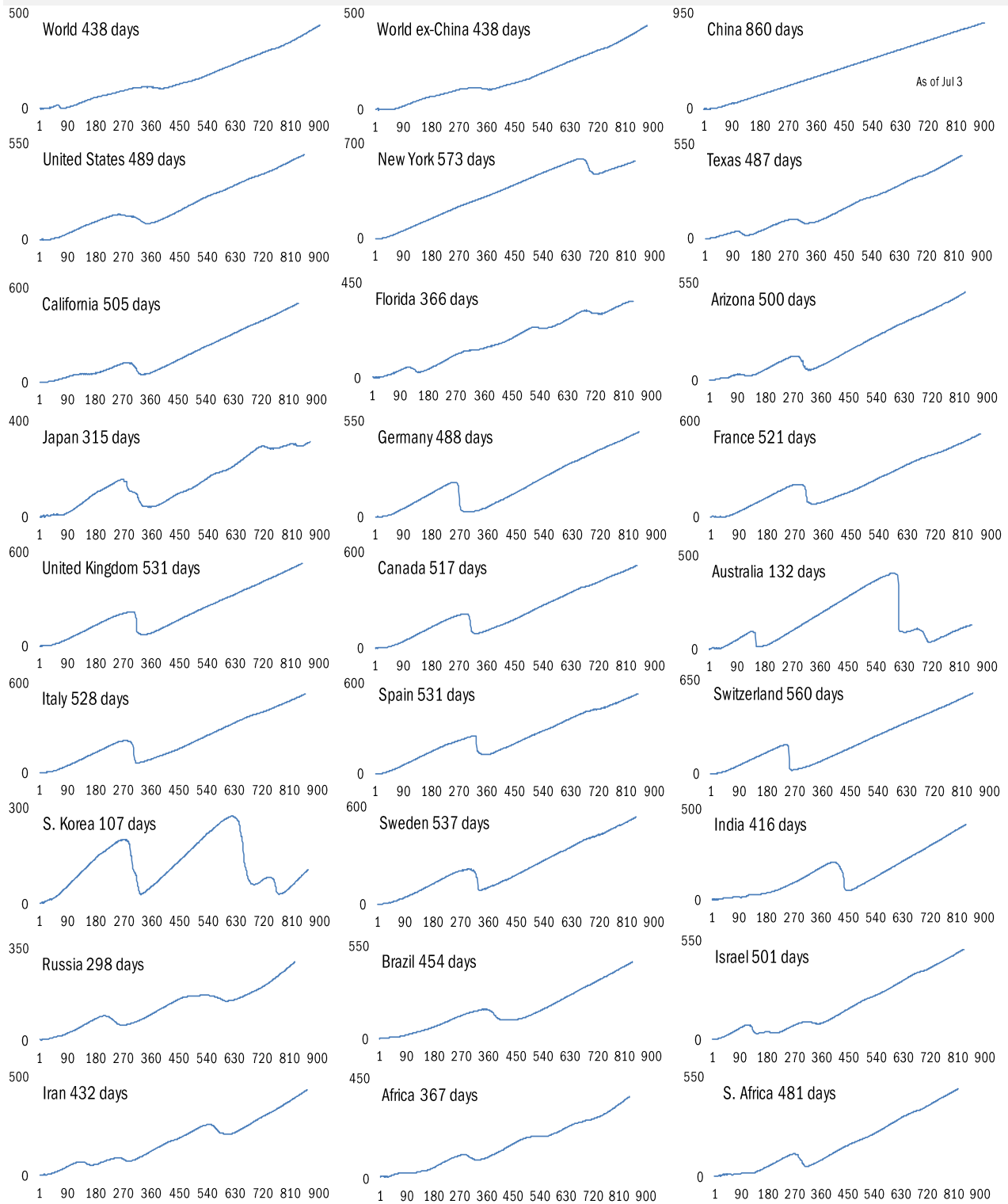


Source: [Johns Hopkins](#), TrendMacro calculations

# Our most reliable evidence of the rate of spread of Covid-2019

Vertical: days to double deaths Horizontal: days from first death

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

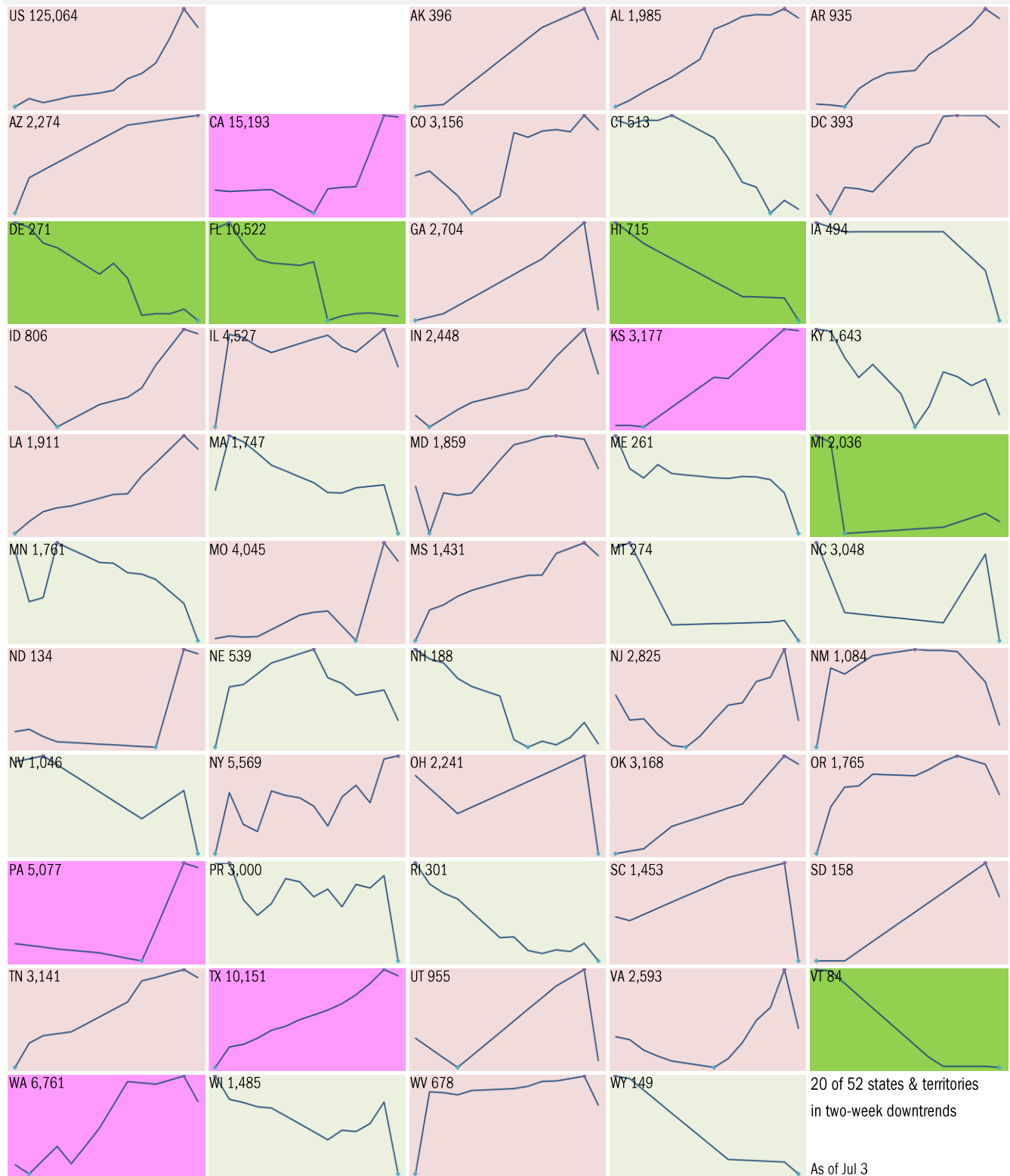


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

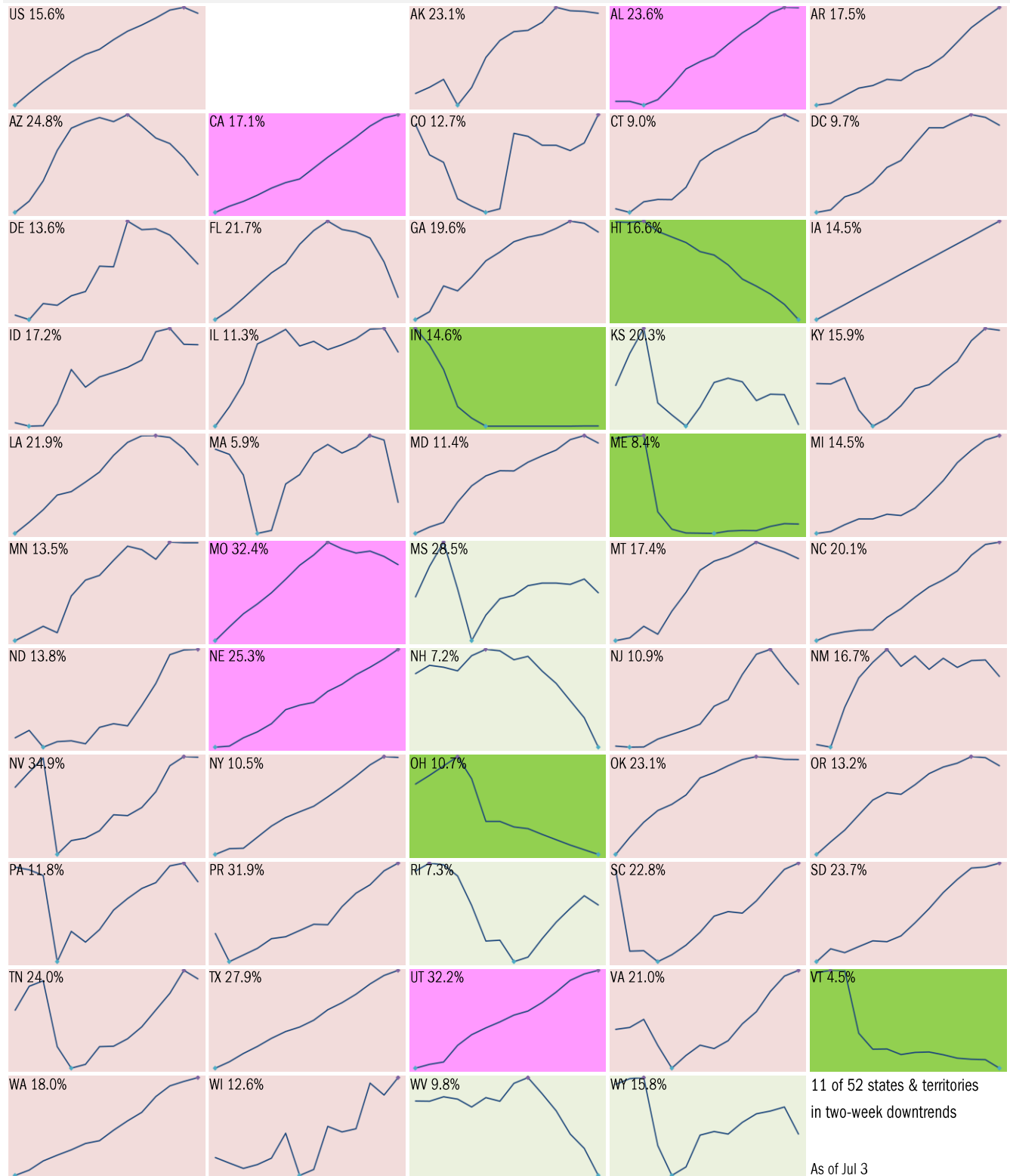


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

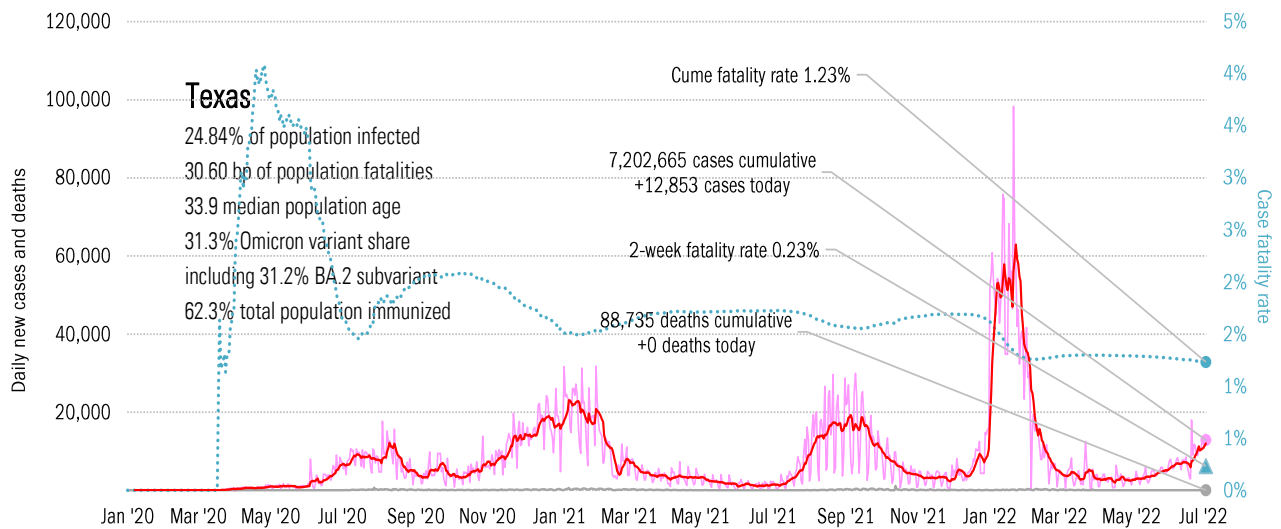
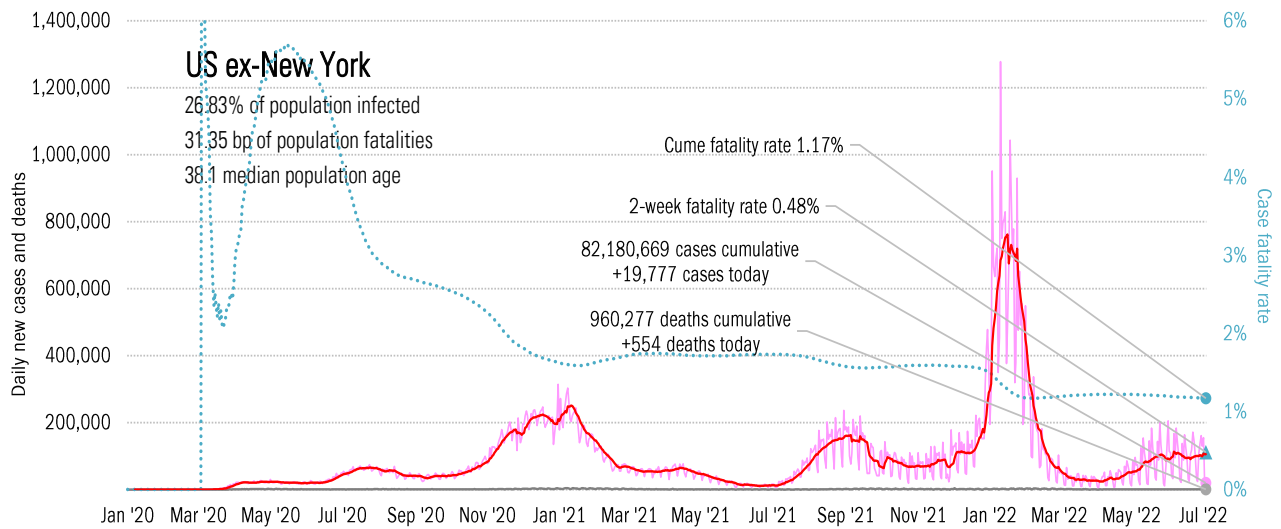
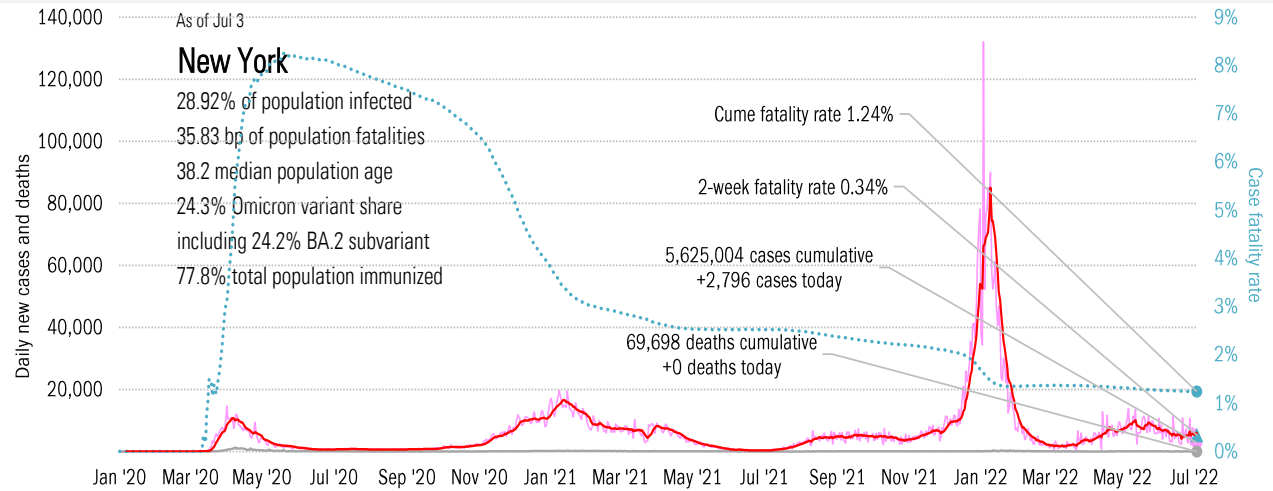
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

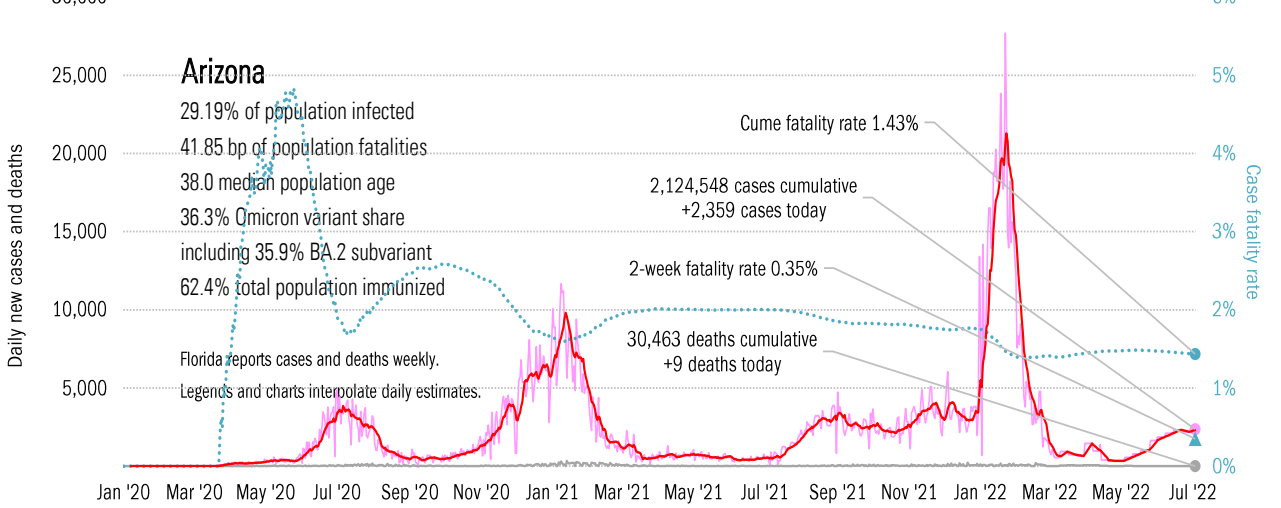
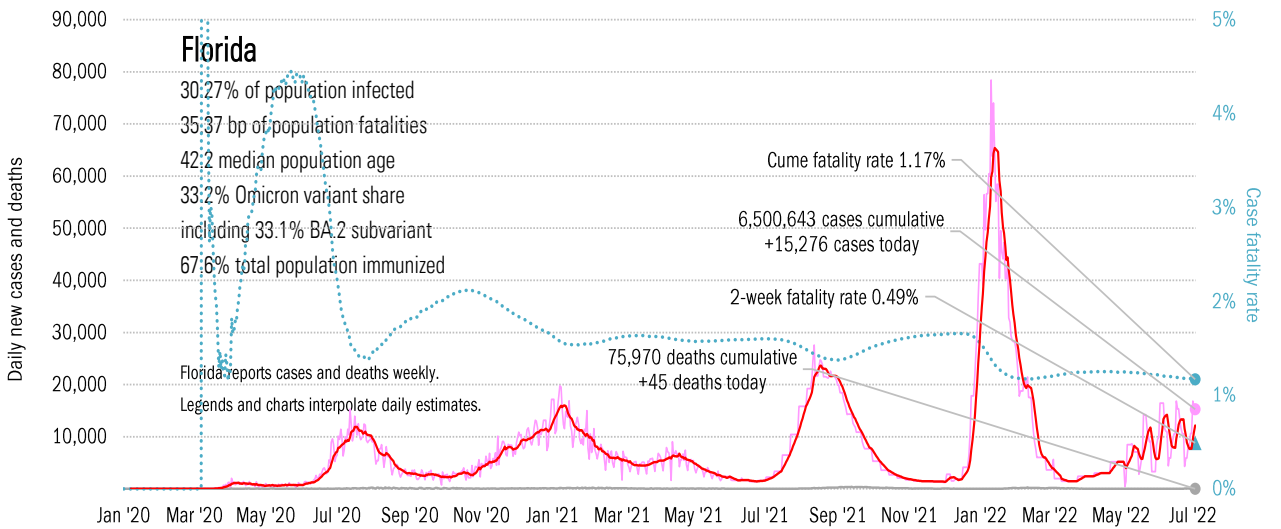
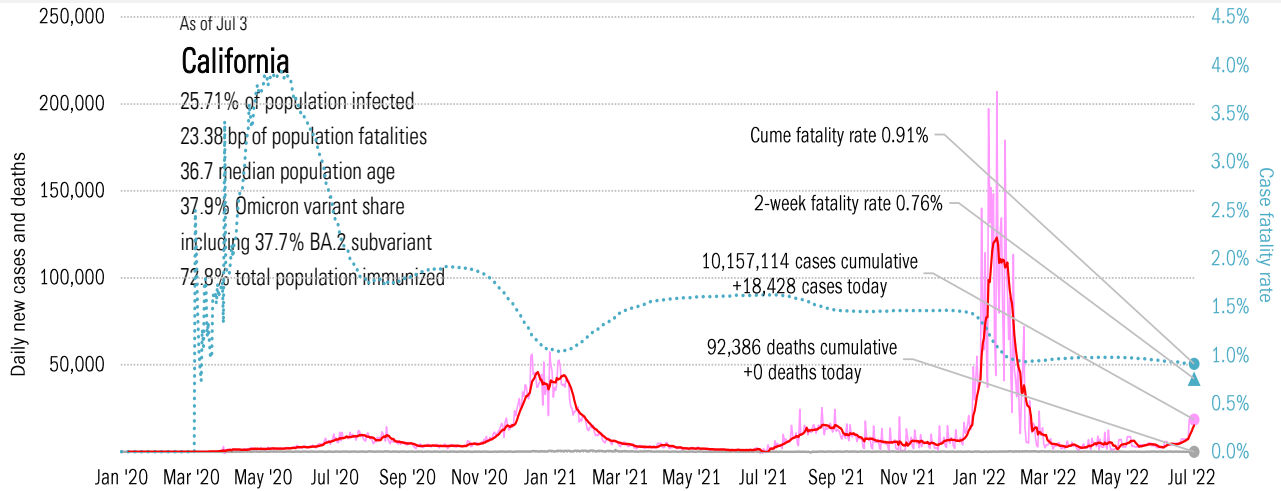
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

Cases: 7-day average and daily Deaths: Daily

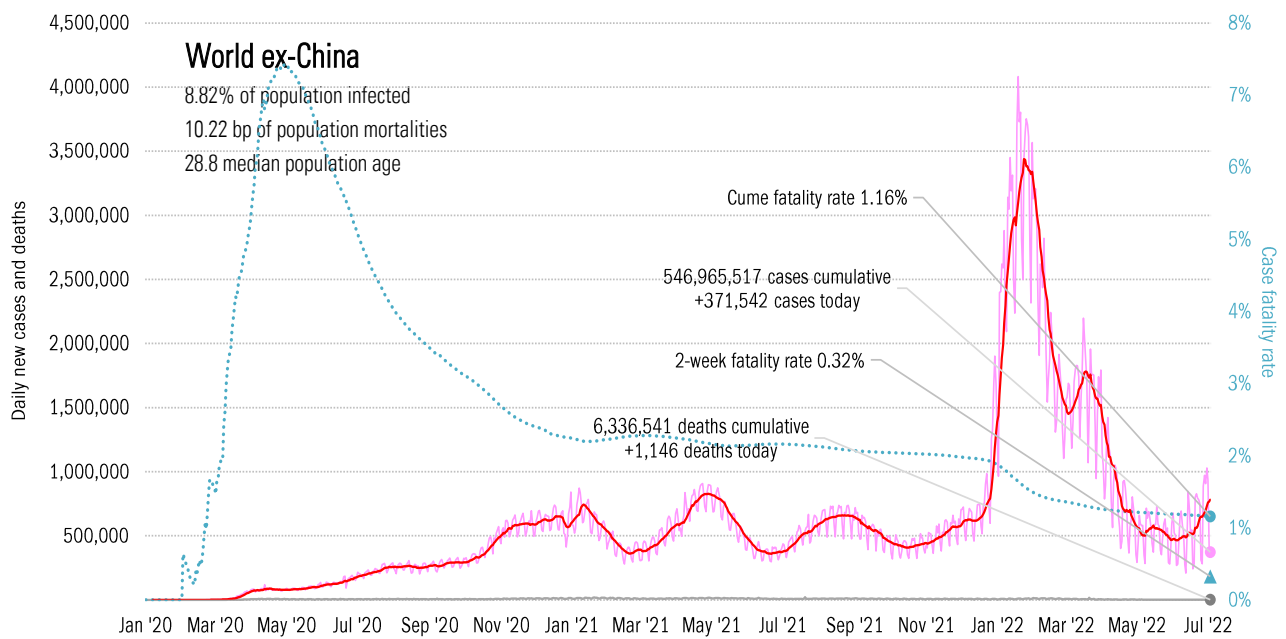
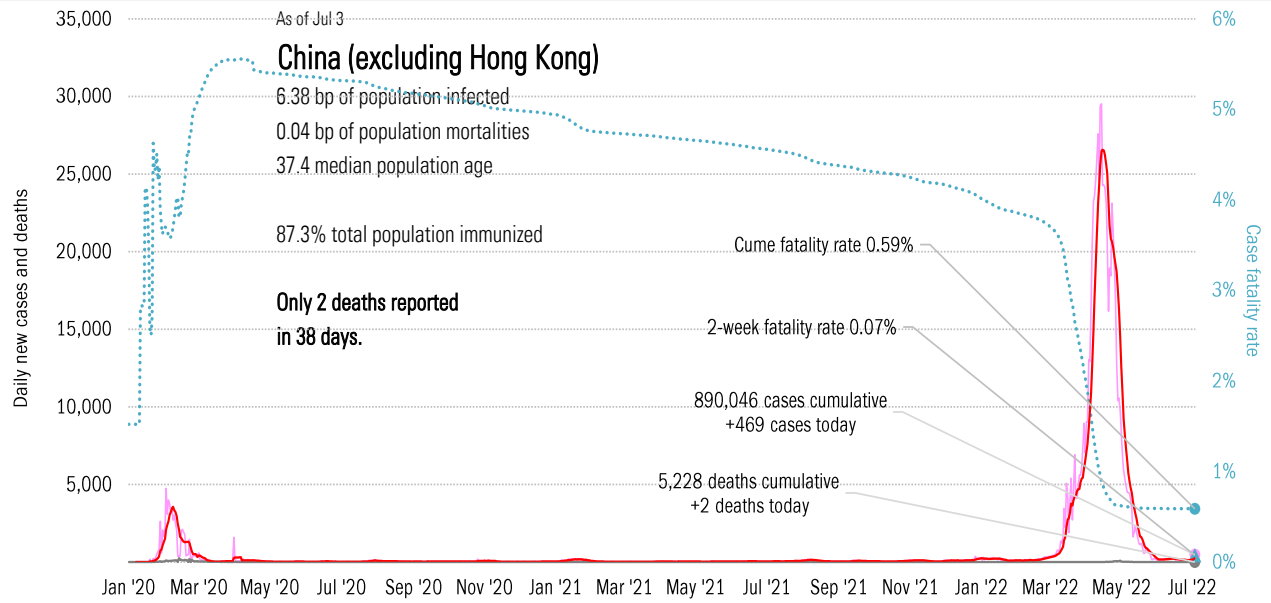


Source: [Johns Hopkins](#), TrendMacro calculations



# Patient zero... and then everyone else

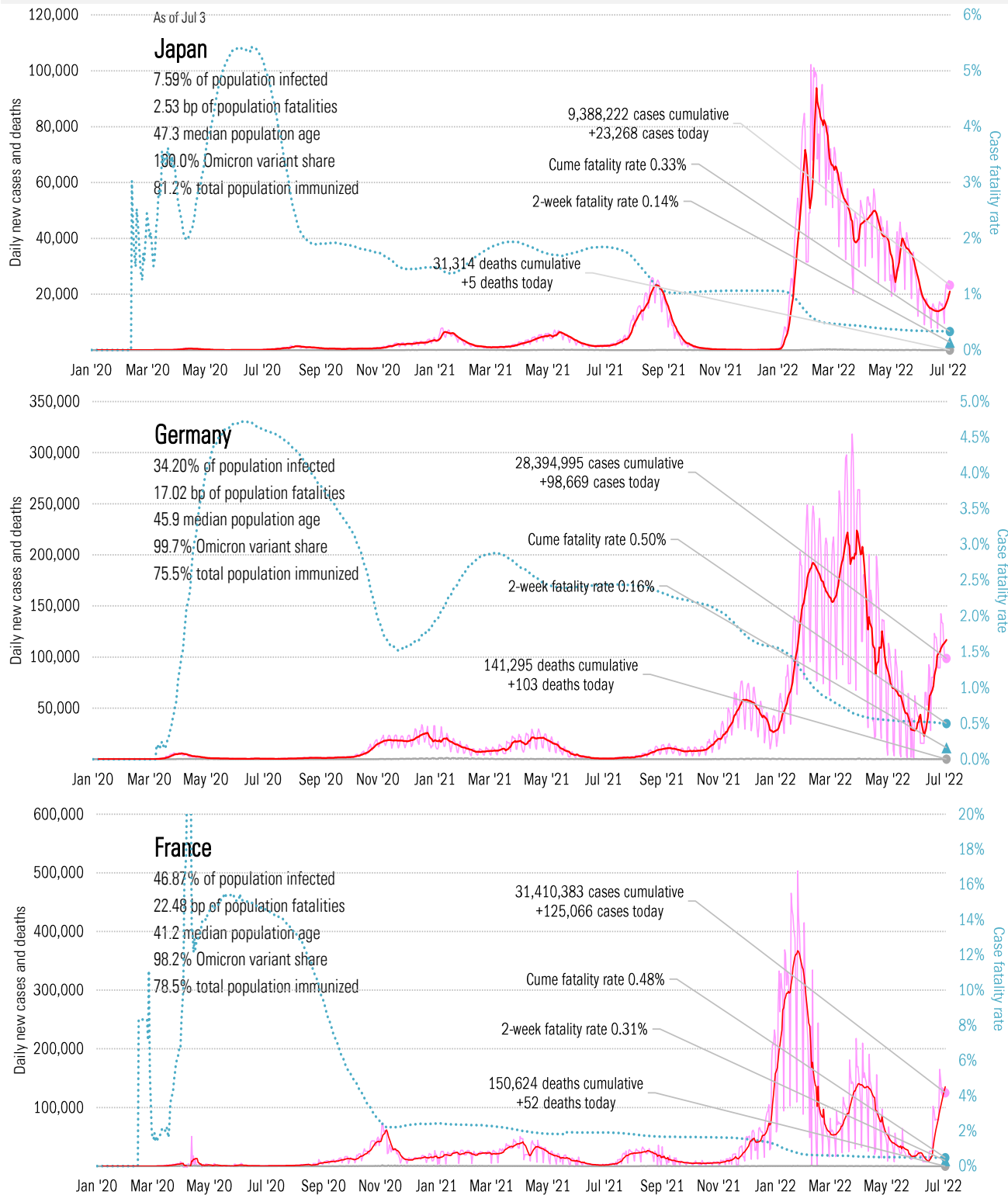
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

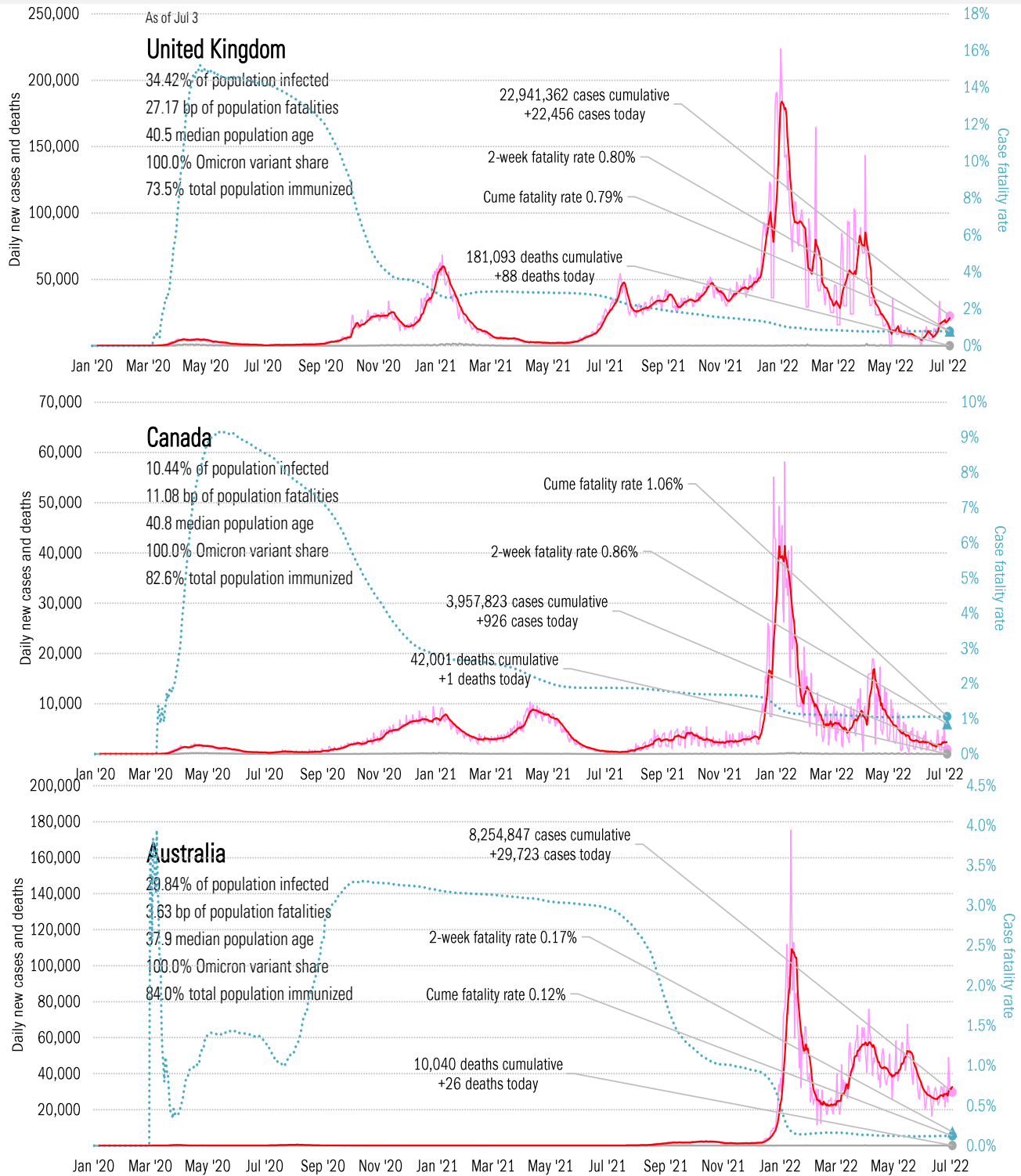
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

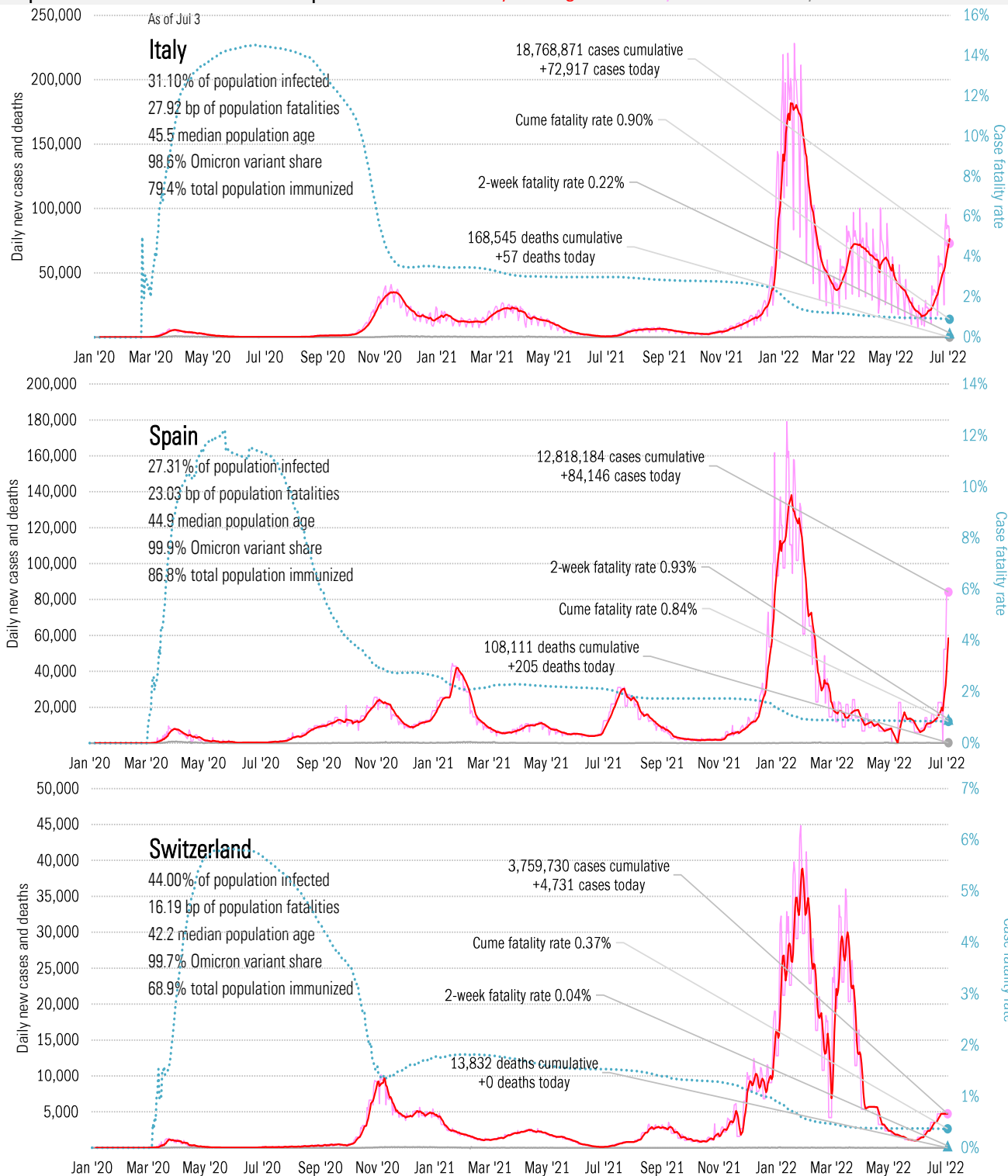
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

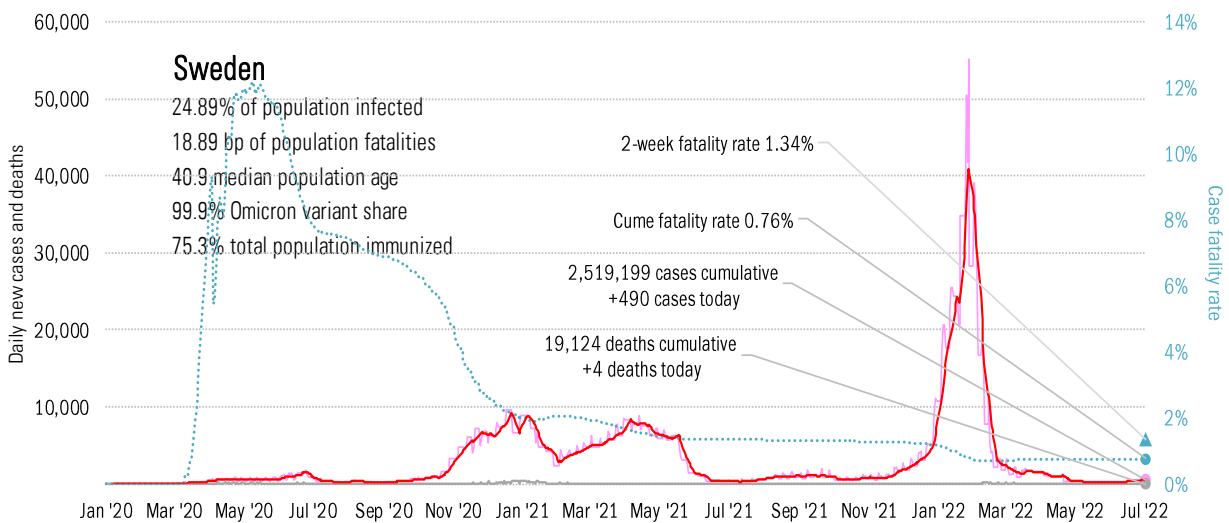
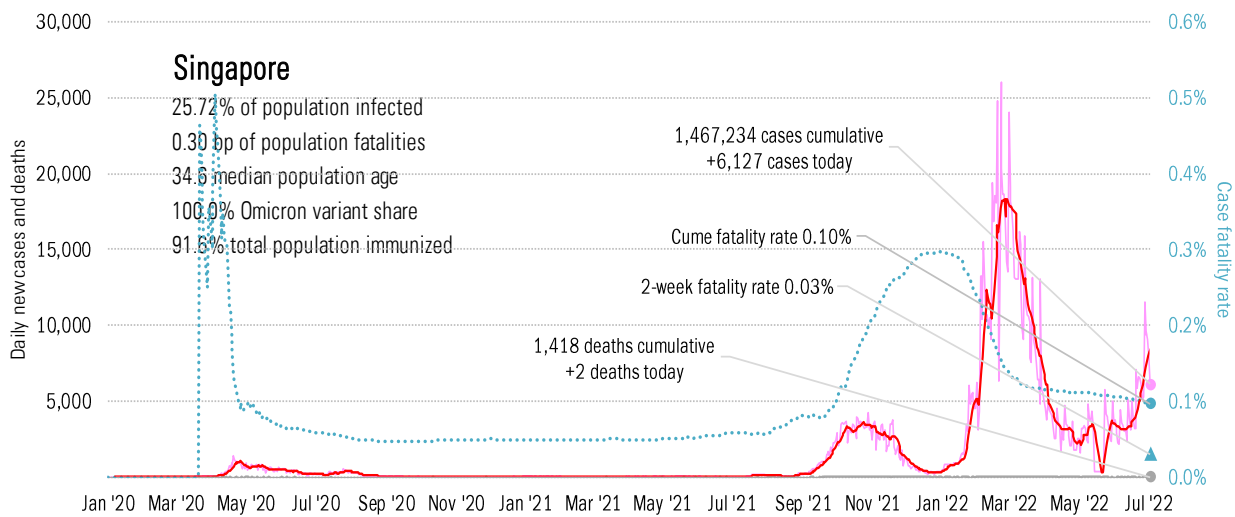
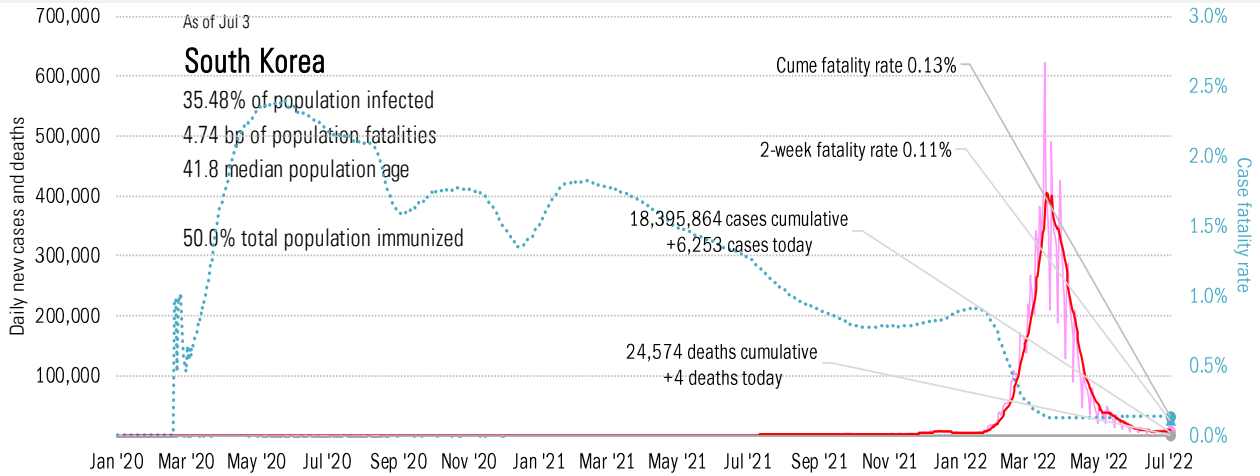
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

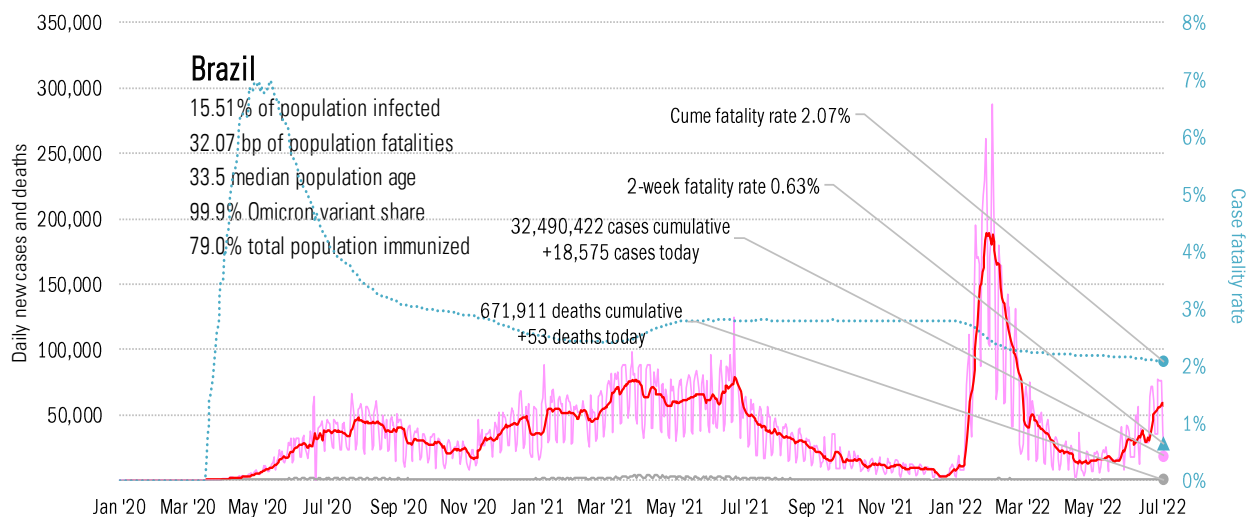
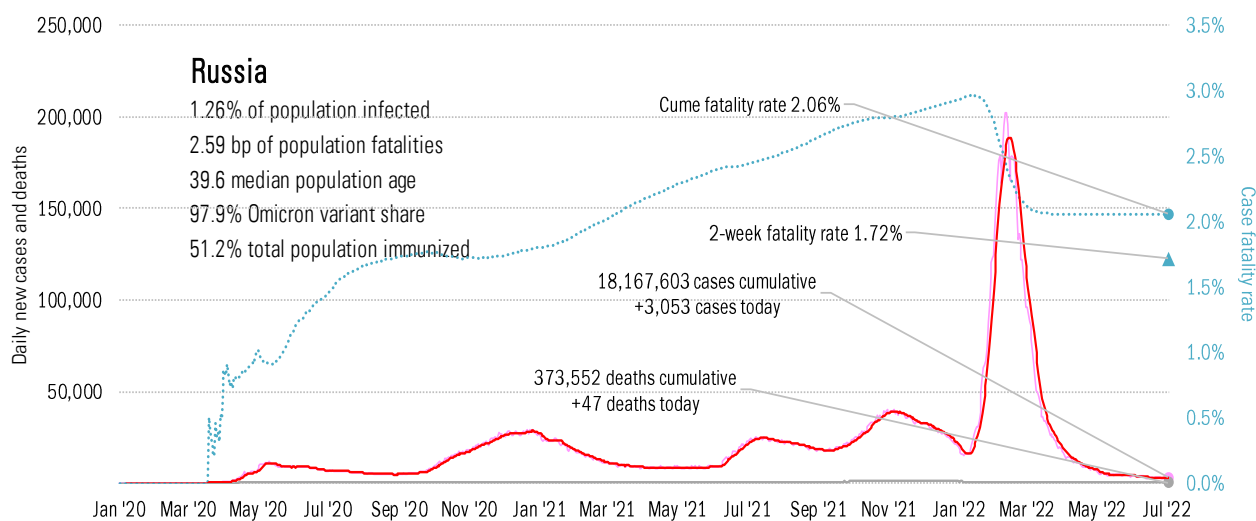
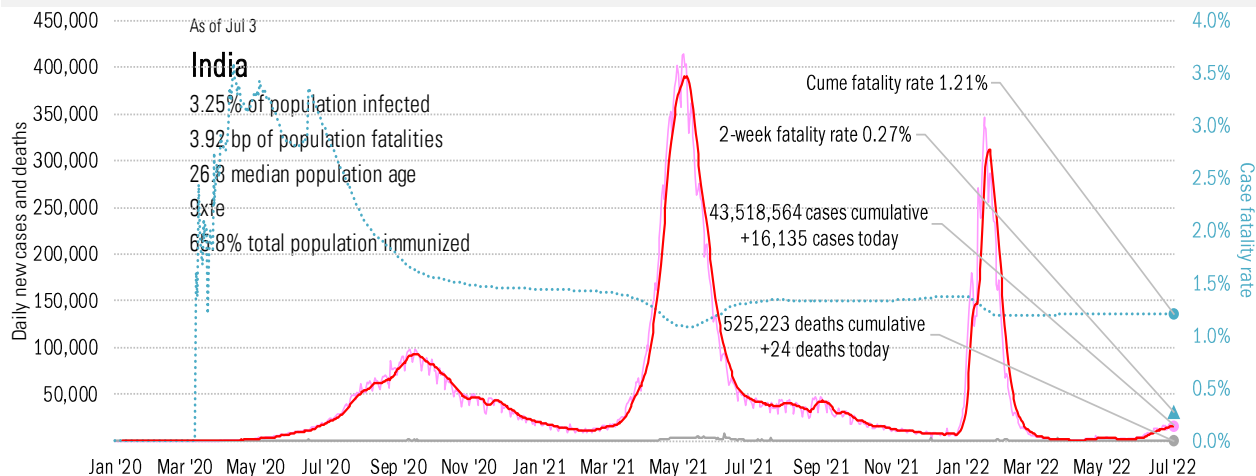
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

Cases: 7-day average and daily Deaths: Daily

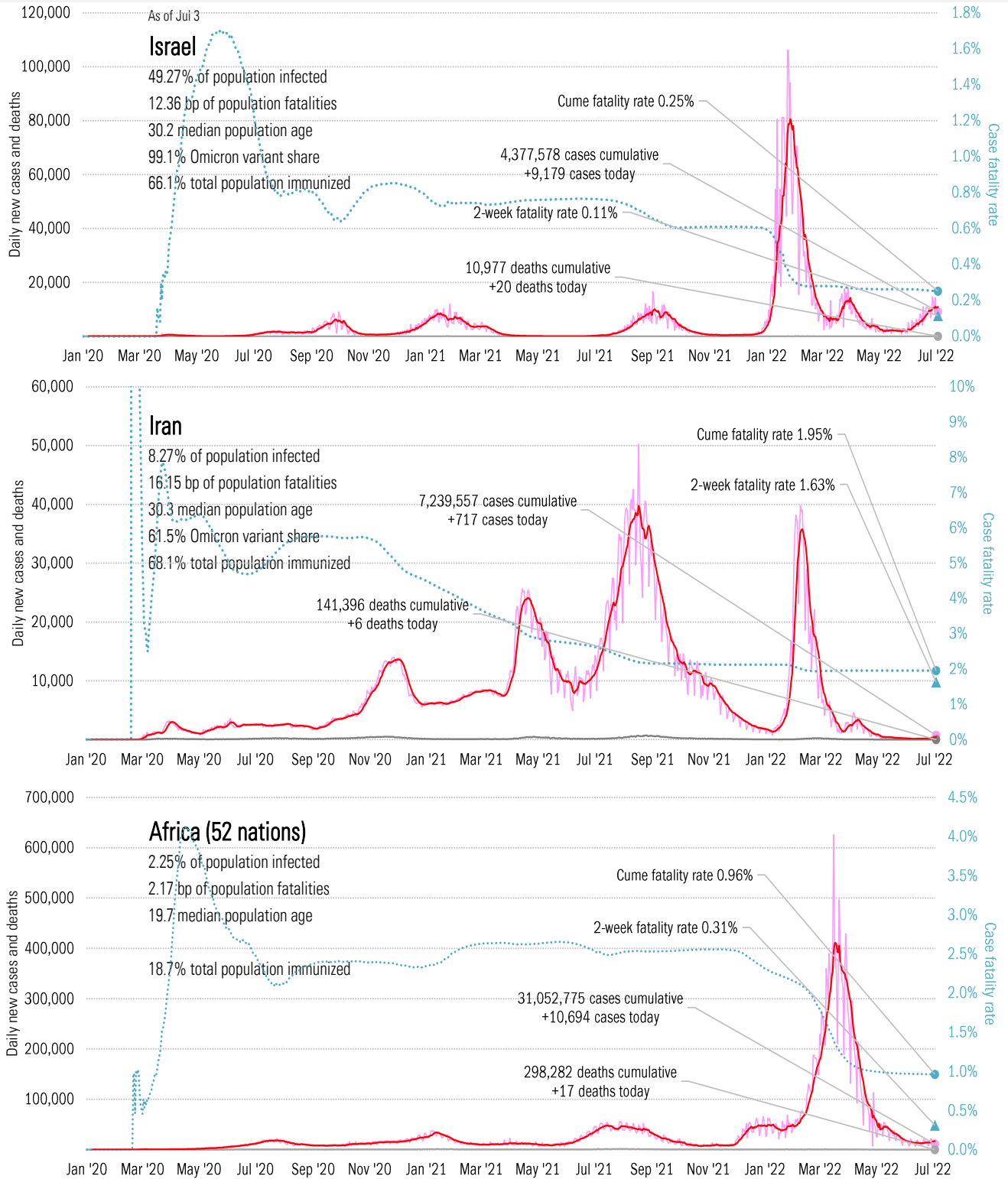


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in the Middle East and Africa

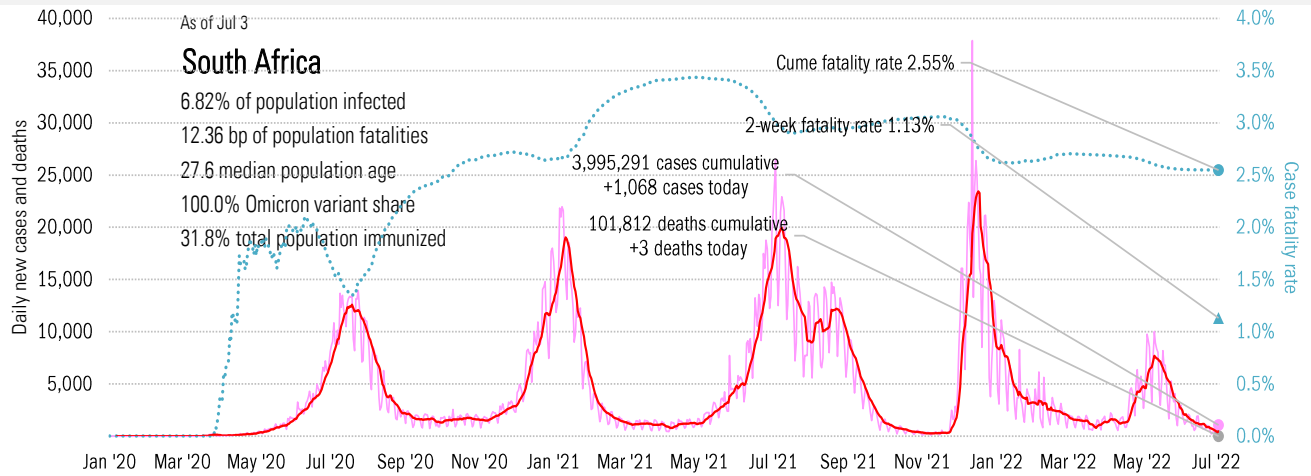
Cases: **7-day average** and **daily** Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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