

## Data Insights: Covid-2019 Monitor

Saturday, July 2, 2022

### The global scorecard

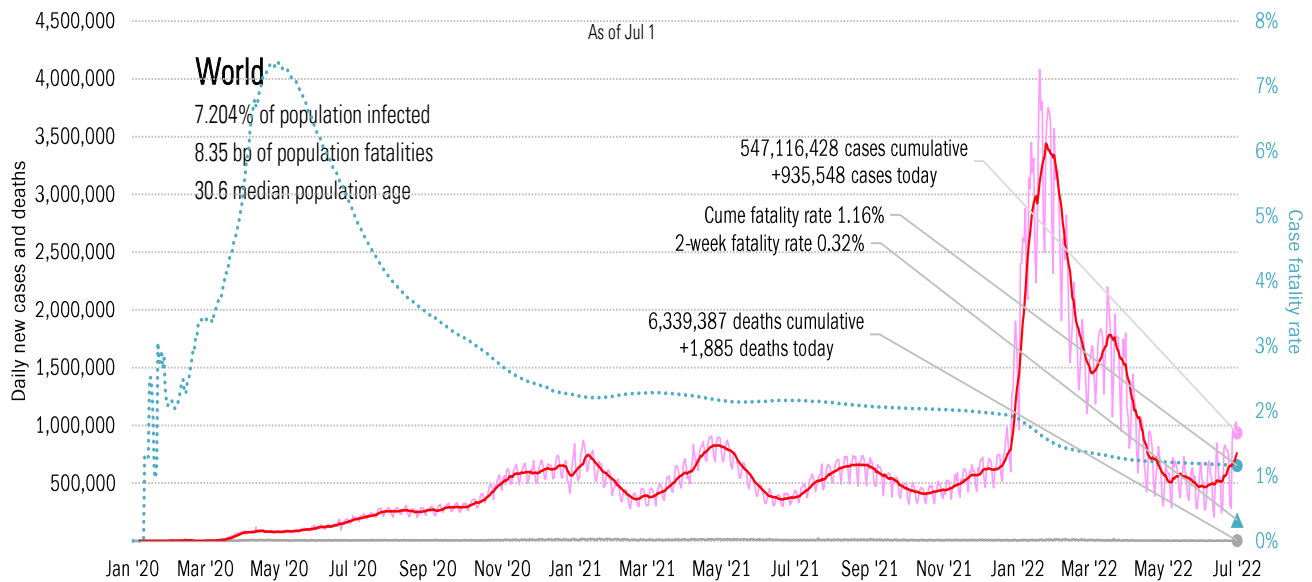
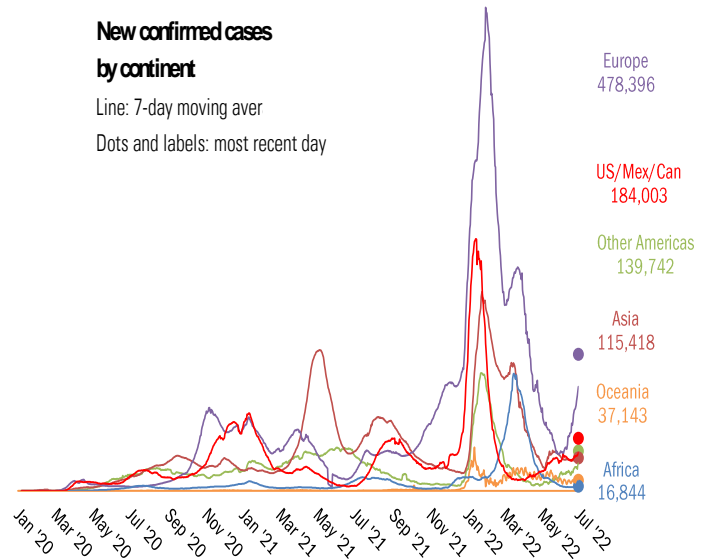
Cases: 7-day average and daily Deaths: Daily

#### The worst ten countries

New cases		New Deaths	
United States	158,487	United States	475
France	125,066	Brazil	284
Germany	98,669	Spain	205
Italy	86,900	Taiwan*	121
Spain	84,146	Germany	103
Brazil	76,045	United Kingdom	88
Taiwan*	35,766	Italy	72
Australia	30,236	Australia	54
Mexico	24,087	France	52
Japan	23,125	Russia	52
<b>742,527</b>		<b>1,506</b>	
World	935,548	World	1,885
Top ten	79%	Top ten	80%

#### 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:

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 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

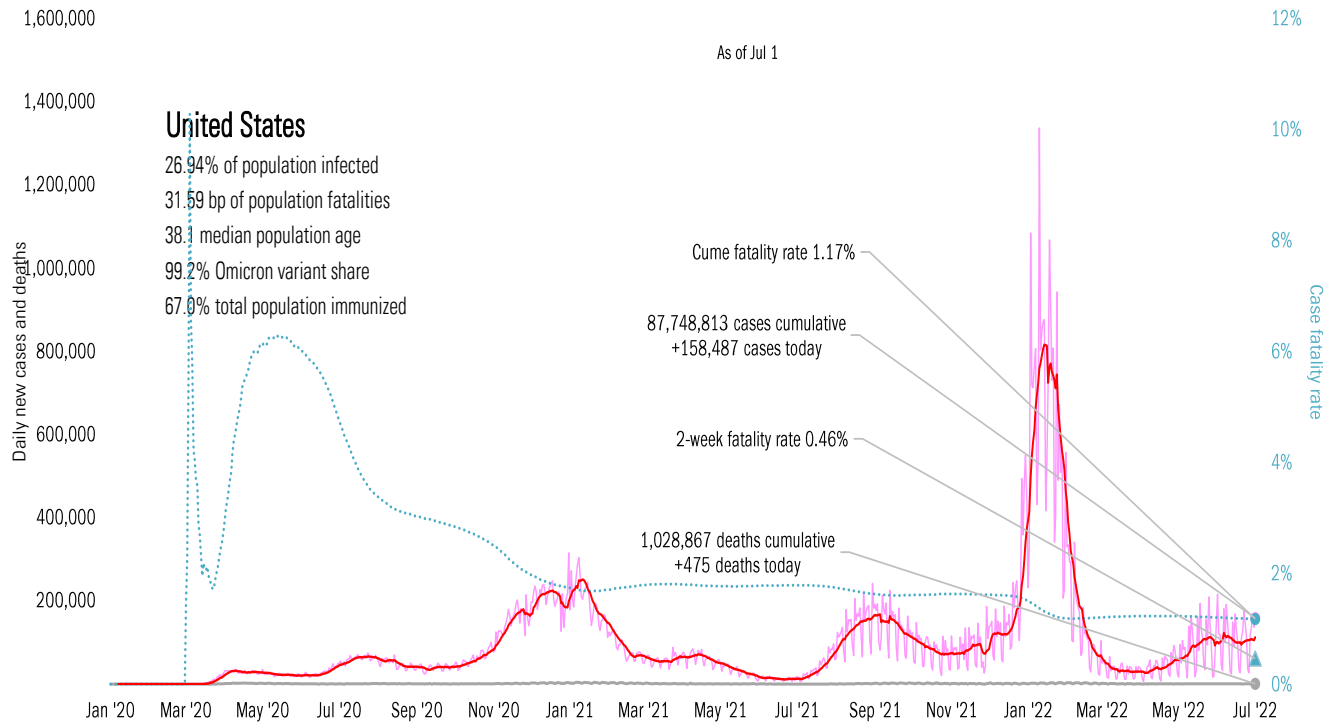
## The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	55,283		CA	137		TX	555		CA	10,157,114		CA	92,386		TX	504,772		RI	91%	RI	86%
FL	16,860		FL	57		GA	223		TX	7,202,665		TX	88,735		CA	450,547		MA	87%	TX	83%
TX	12,853		MO	42		FL	668		FL	6,470,091		FL	75,880		FL	443,846		MN	85%	WA	83%
MO	10,351		WA	36		CA	605		NY	5,614,976		NY	69,690		NY	270,917		WA	85%	VT	82%
WA	7,149		VA	32		IL	218		IL	3,435,405		PA	45,766		GA	210,095		GA	84%	MA	82%
IL	4,562		NY	23		IN	116		PA	3,006,257		CH	38,852		CH	199,950		MO	83%	NM	82%
NY	3,883		TX	23		PA	160		NC	2,867,218		IL	38,601		PA	186,992		MD	83%	NE	81%
IN	3,703		IL	13		CR	63		CH	2,848,453		GA	38,579		IL	168,685		NH	82%	GA	81%
FR	3,618		WI	10		AL	99		GA	2,647,568		MI	36,918		MI	149,950		PA	82%	DE	80%
NJ	3,615		AZ	9		LA	114		MI	2,606,431		NJ	34,057		KY	136,162		WV	81%	NC	79%
121,877			382			2,821			46,856,178			559,464			2,721,916			All states 70%		67%	
All states 158,487			475			5,295			All states 87,748,813			1,028,867			4,944,420			All states 70%		67%	
Top ten 77%			80%			53%			Top ten 53%			55%			55%			Median 76%		73%	

Some states not reporting

## Five most improved US states

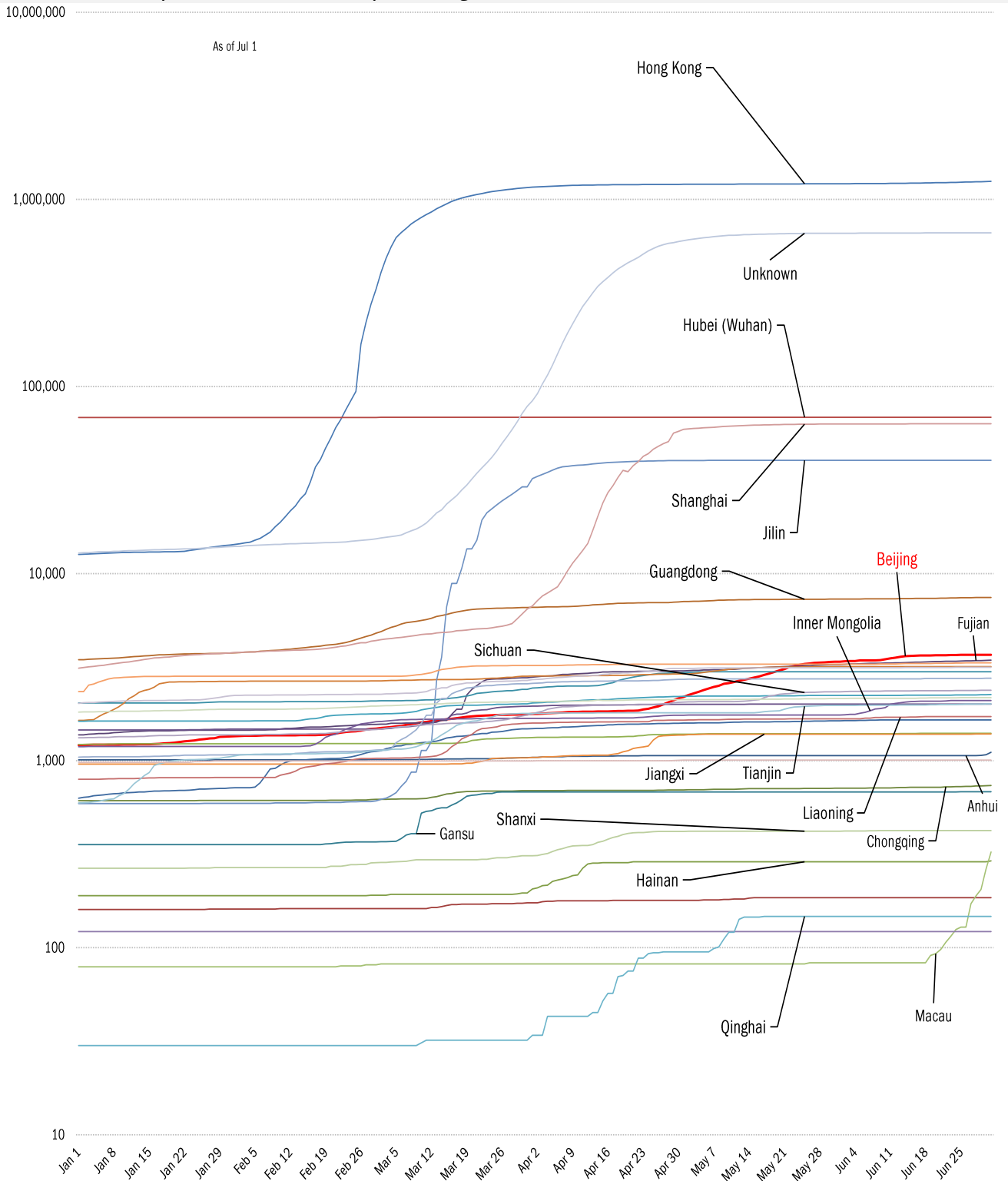
Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
PA -17,499	PA -109	NY -79	PA +344 bp
CH -17,225	CH -74	NJ -58	WY +340 bp
UT -7,388	FL -28	CA -55	MO +337 bp
CK -5,615	UT -18	MD -54	AZ +335 bp
NY -3,438	AL -11	AZ -52	ID +326 bp



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"*

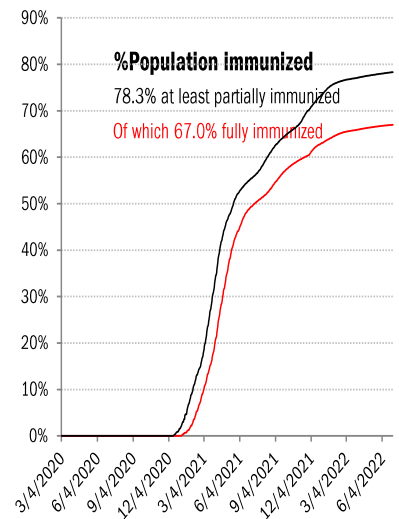
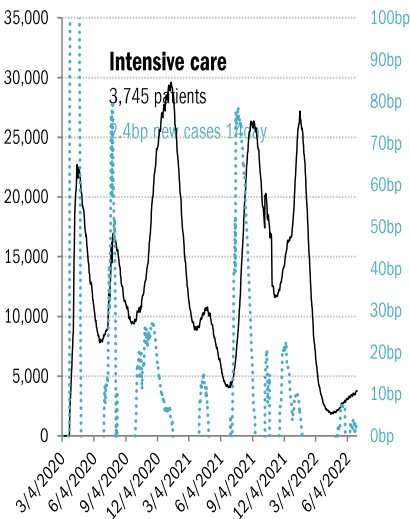
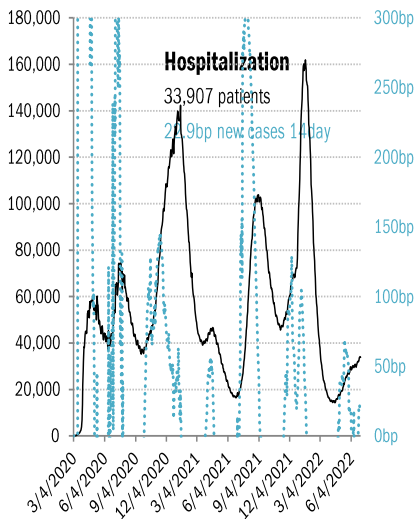
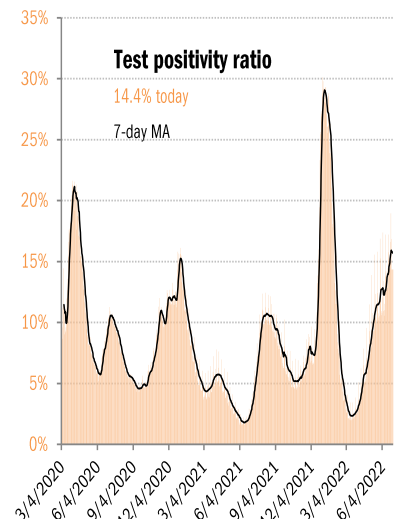
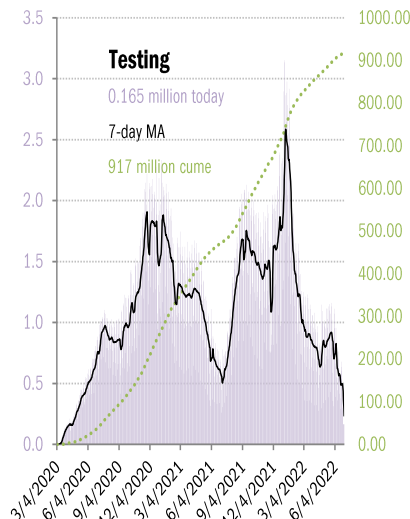
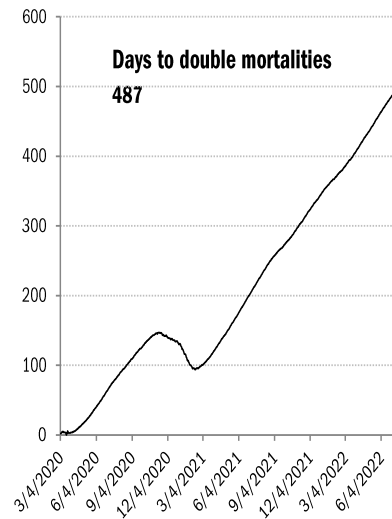
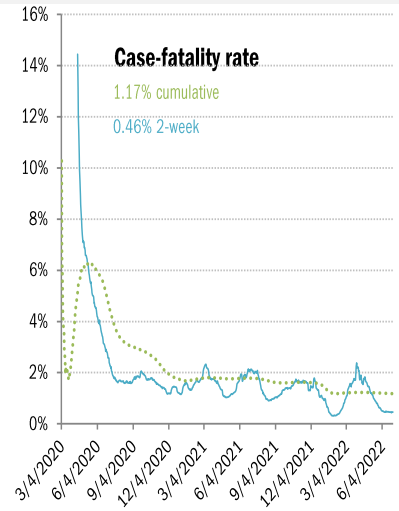
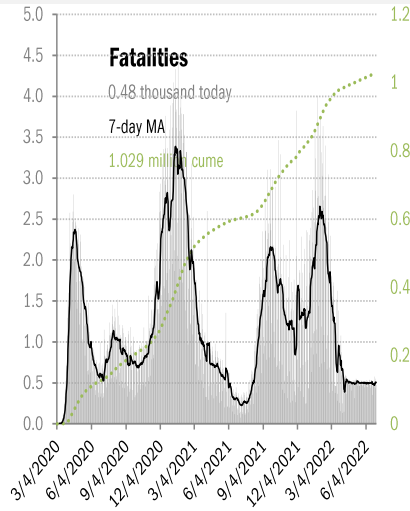
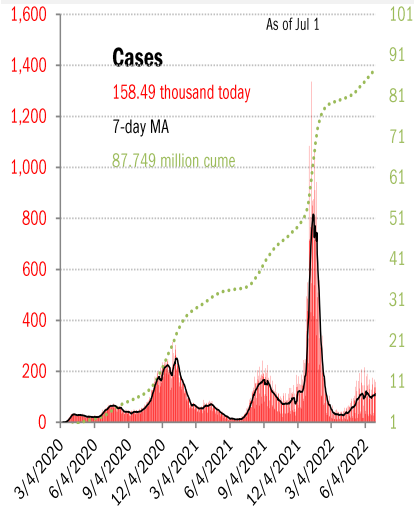


Source: [Johns Hopkins](#), TrendMacro calculations

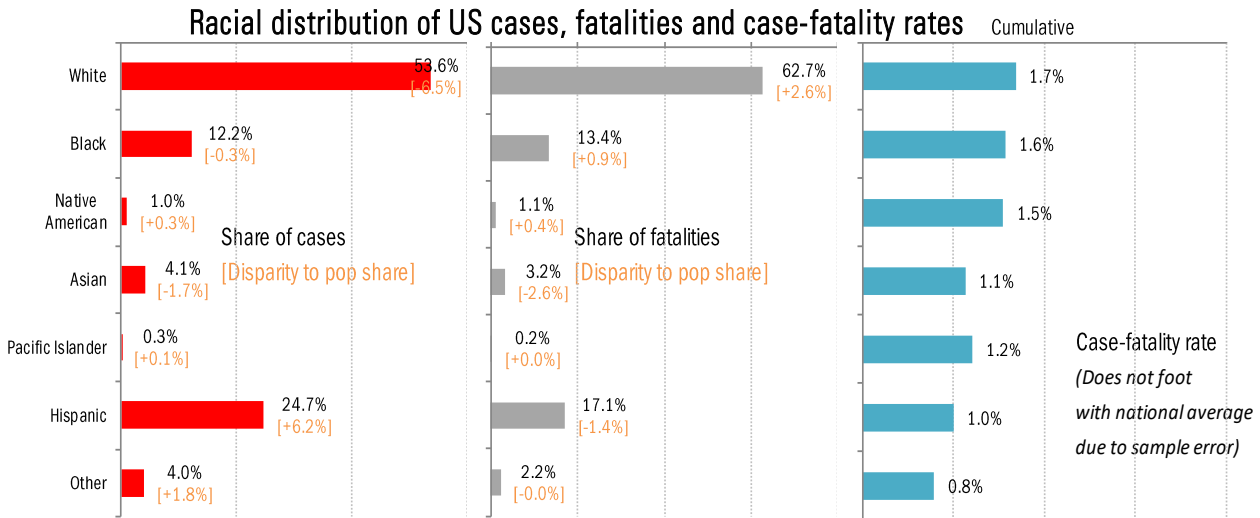
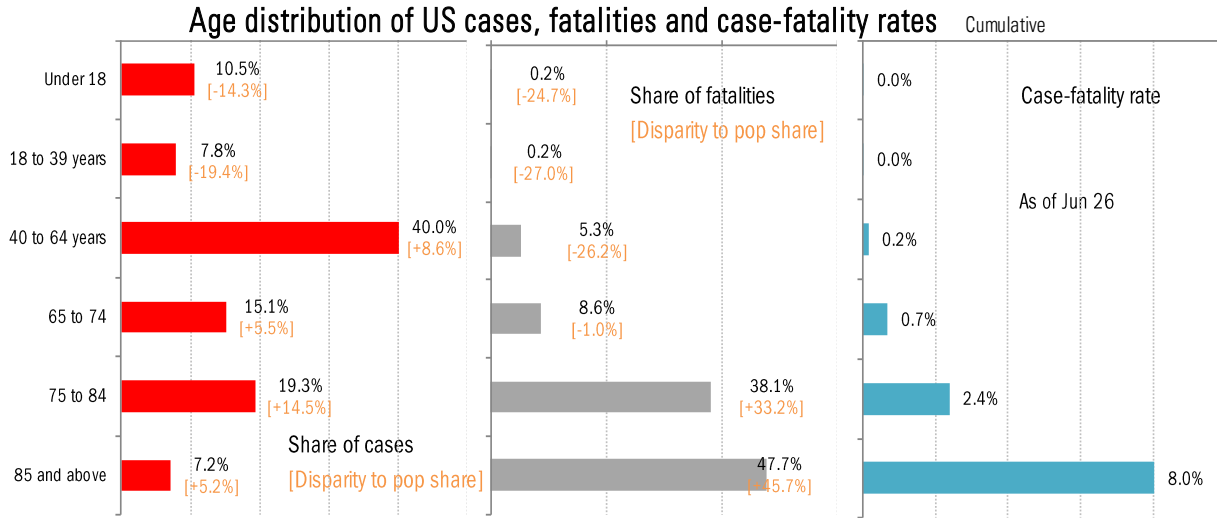


# US deep-dive

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

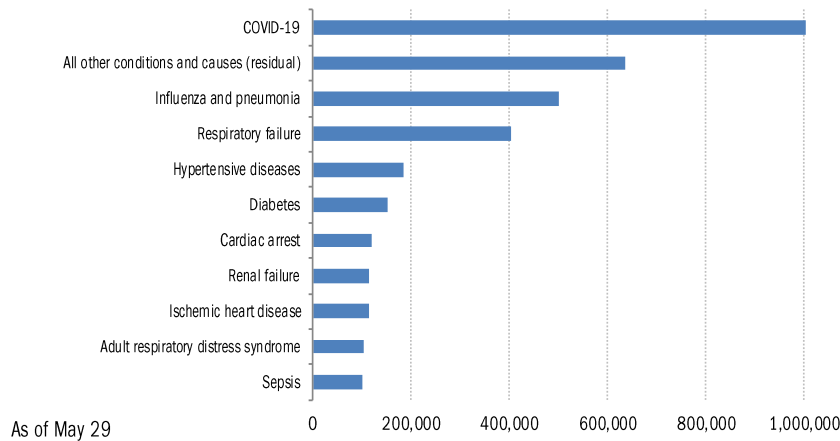


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



### 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 for the month of June by the CDC while making "system upgrades."

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

## Recommended reading

[U.S. Orders 2.5 Million More Monkeypox Vaccine Doses, as CDC Looks to Expand Vaccine for Kids](#)

Suzanne Burdick  
*The Defender*  
July 1, 2022

[World Health Organization says monkeypox is not a global health emergency right now](#)

Spencer Kimball  
*CNBC*  
June 25, 2022

[WHO says monkeypox cases triple in Europe in two weeks, urgent action needed to contain spread](#)

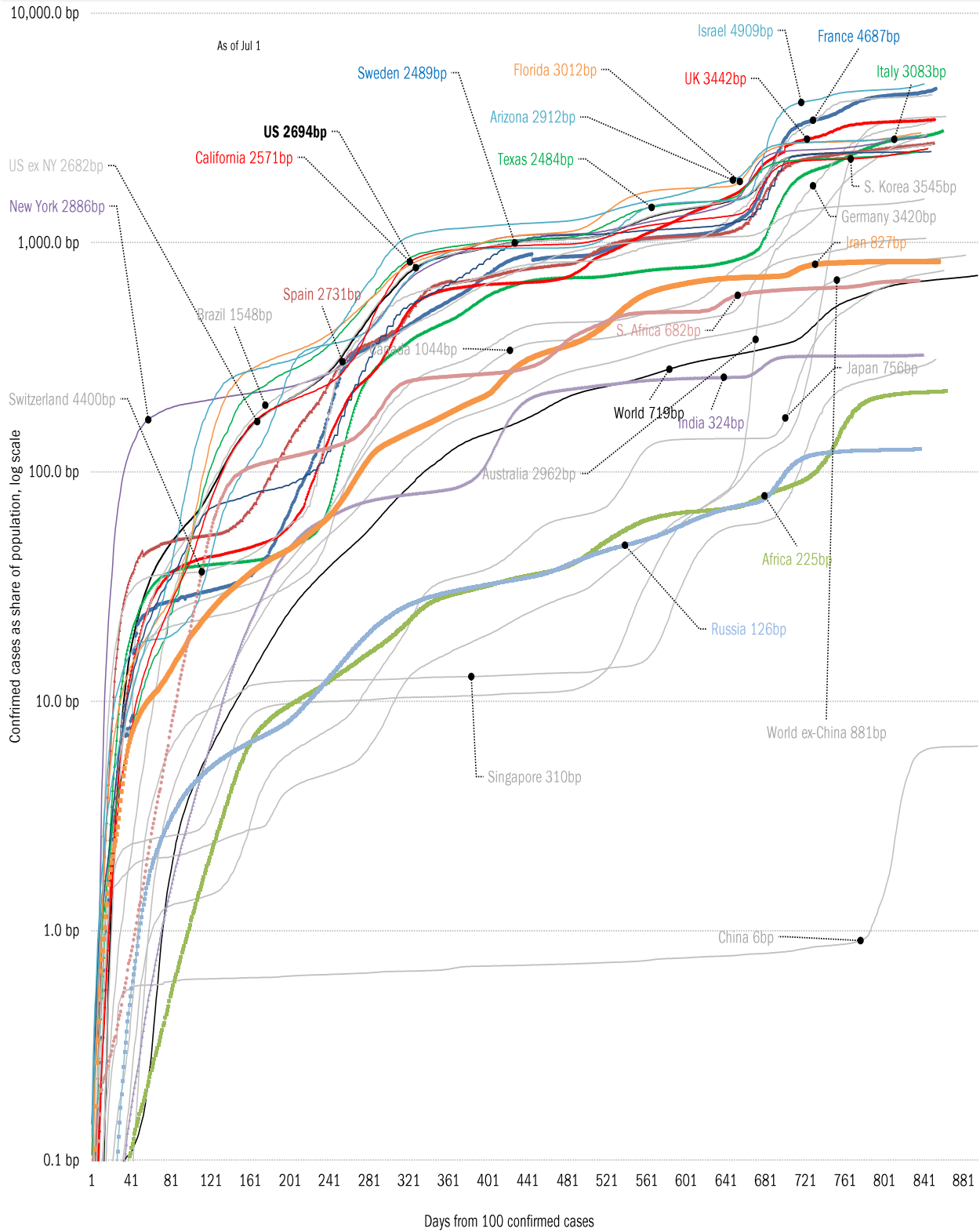
Spencer Kimball  
*CNBC*  
July 1, 2022

## Meme of the day



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

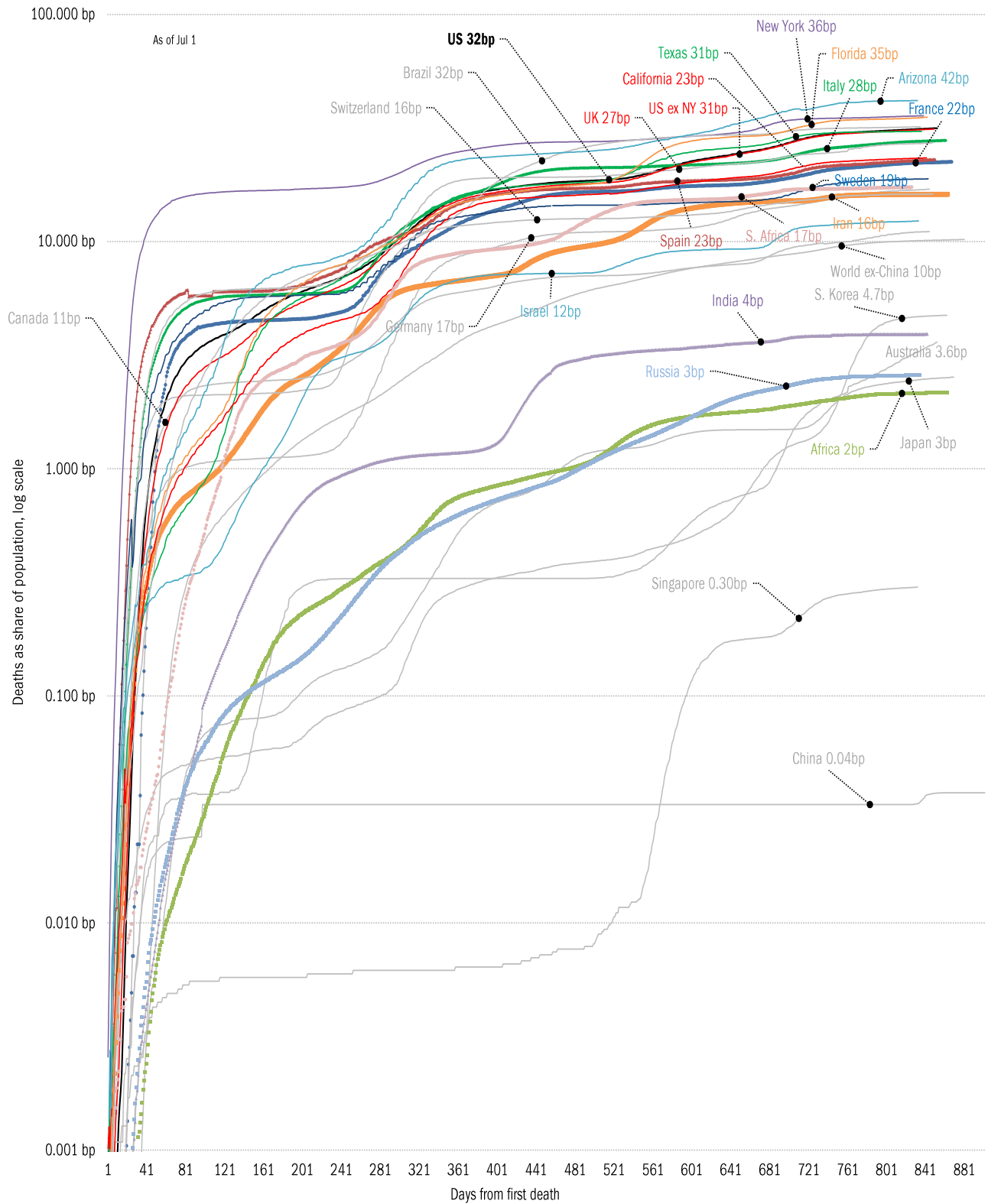
The global coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



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*

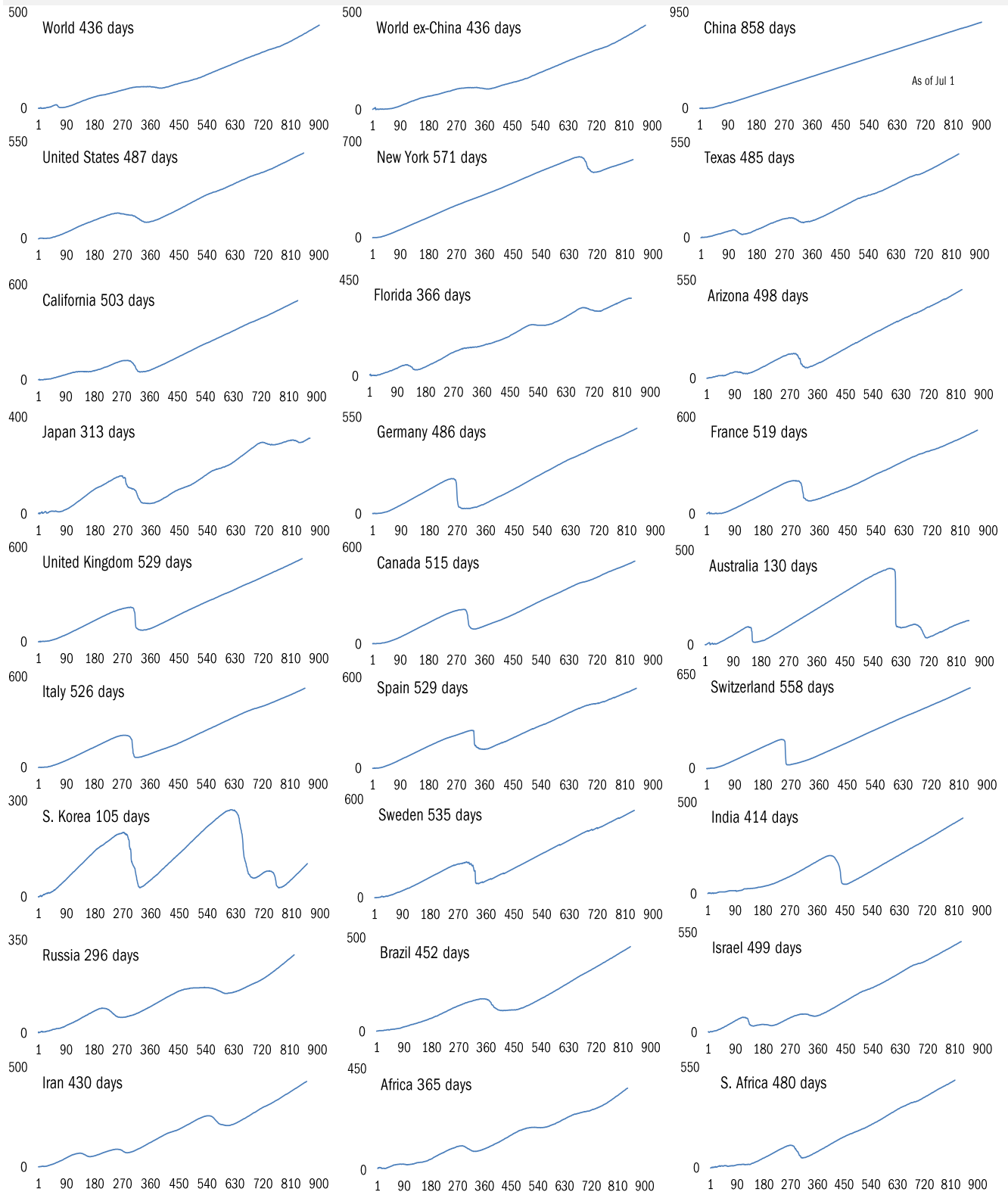


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

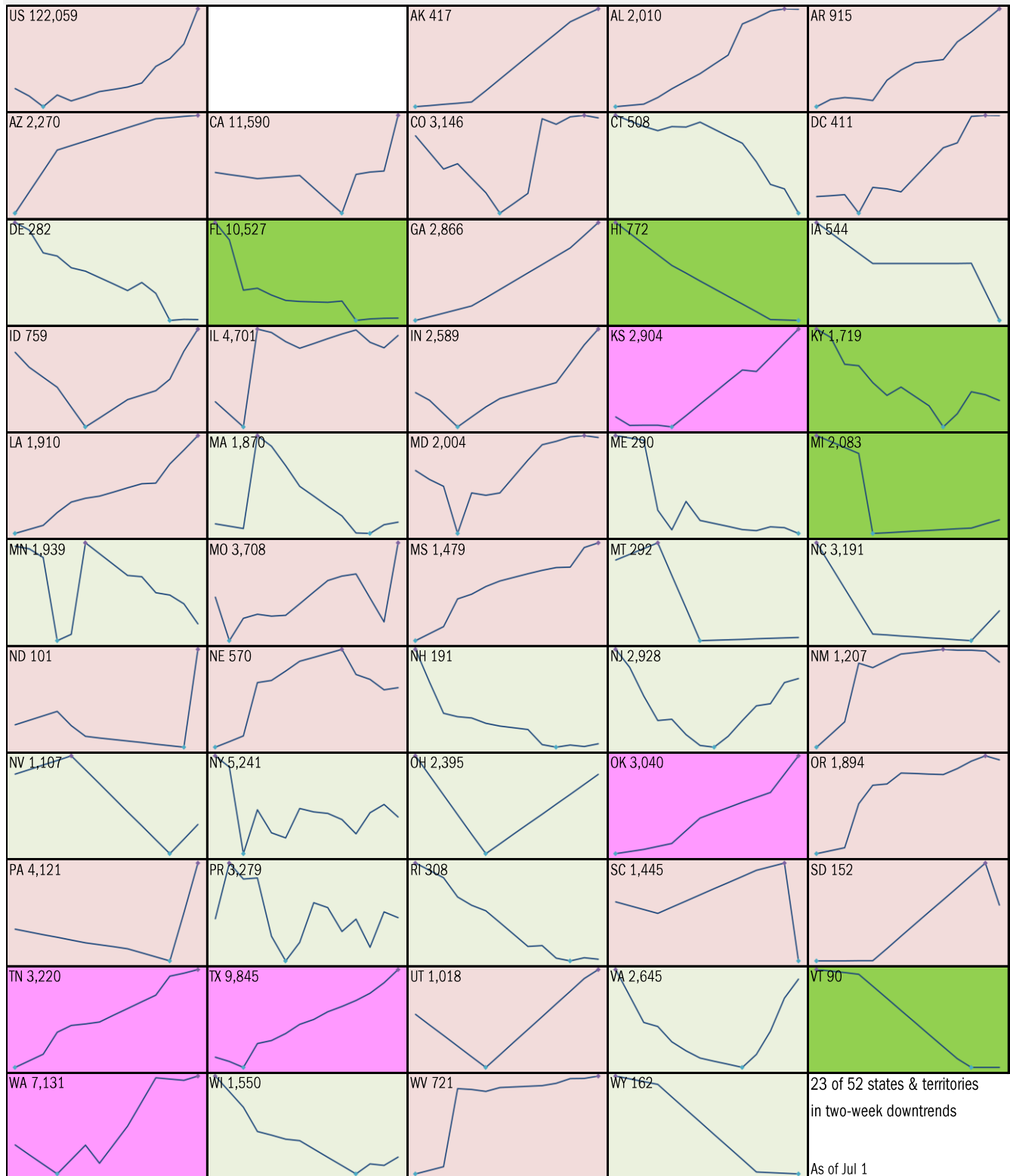


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

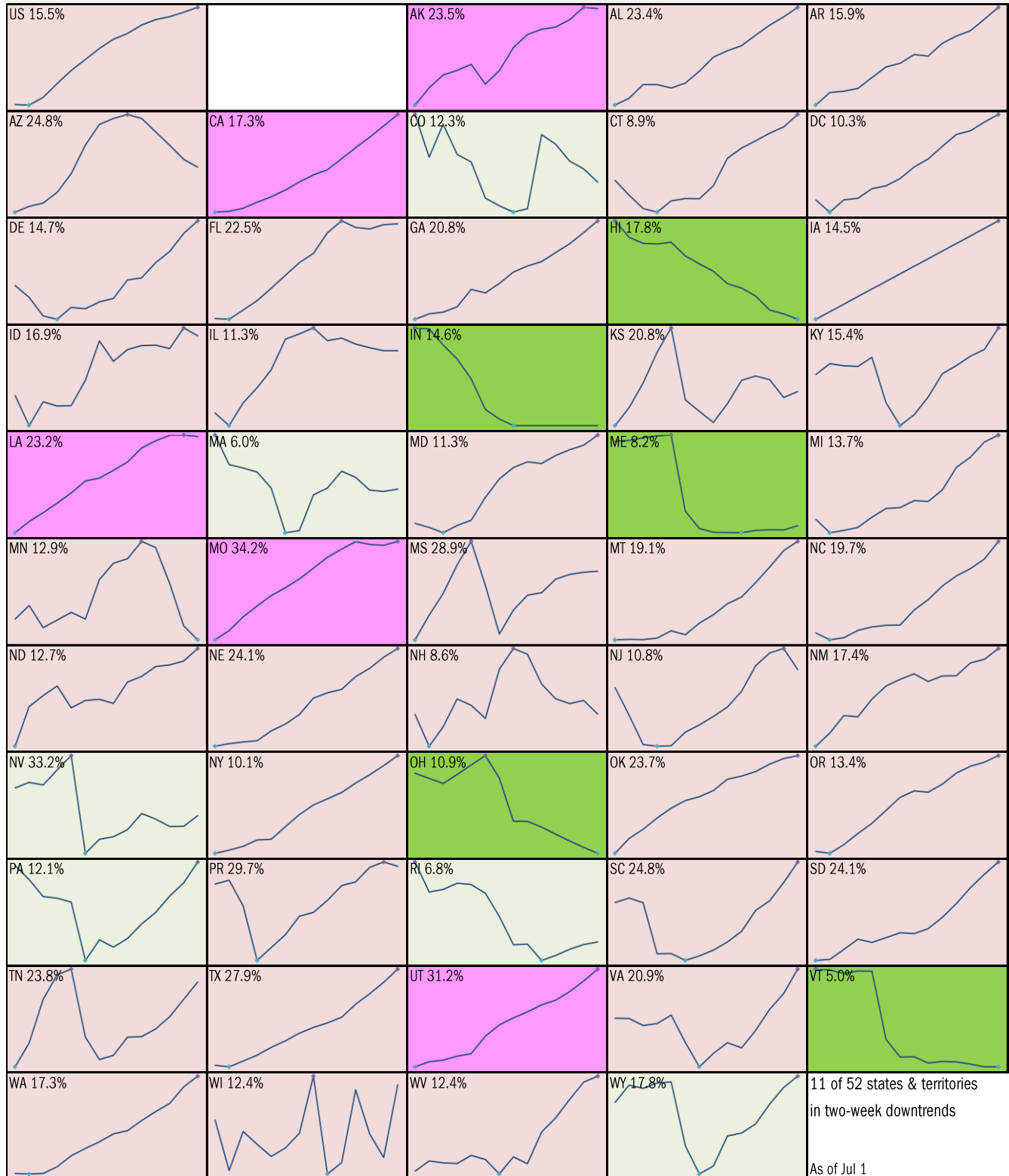


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

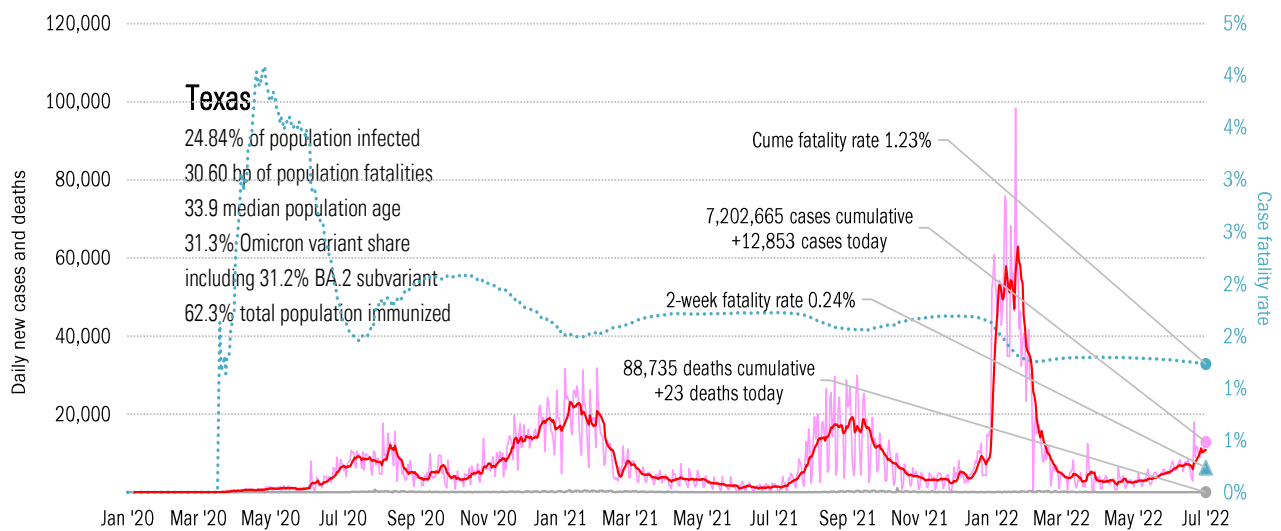
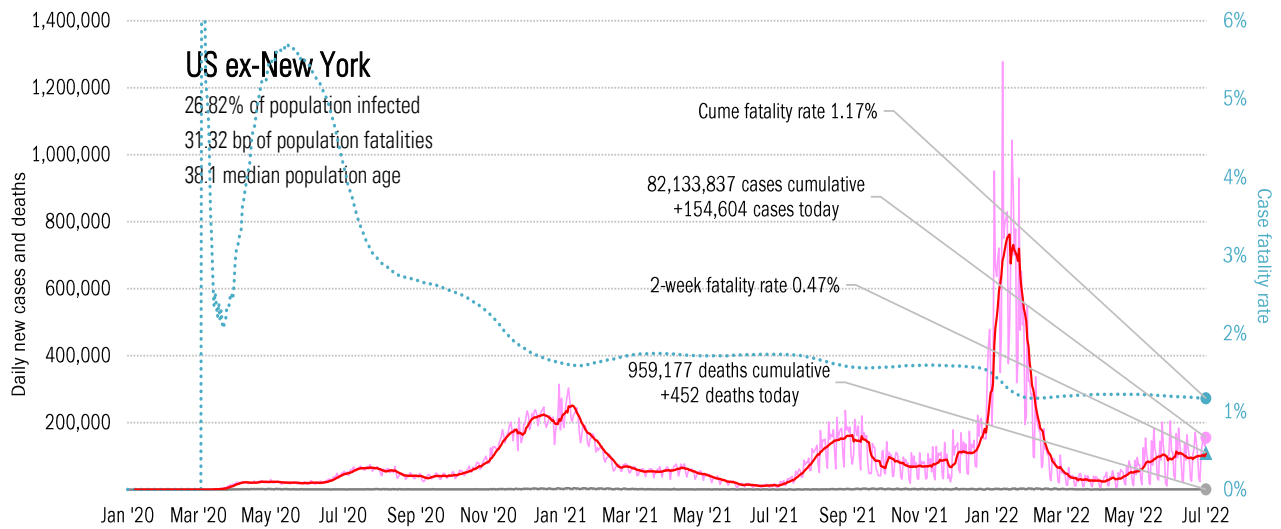
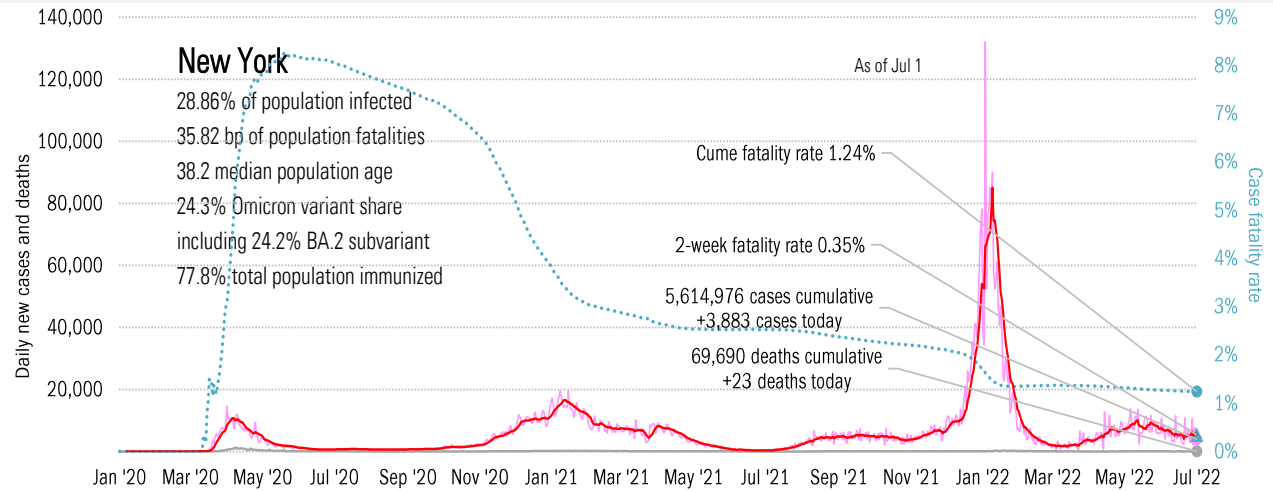
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

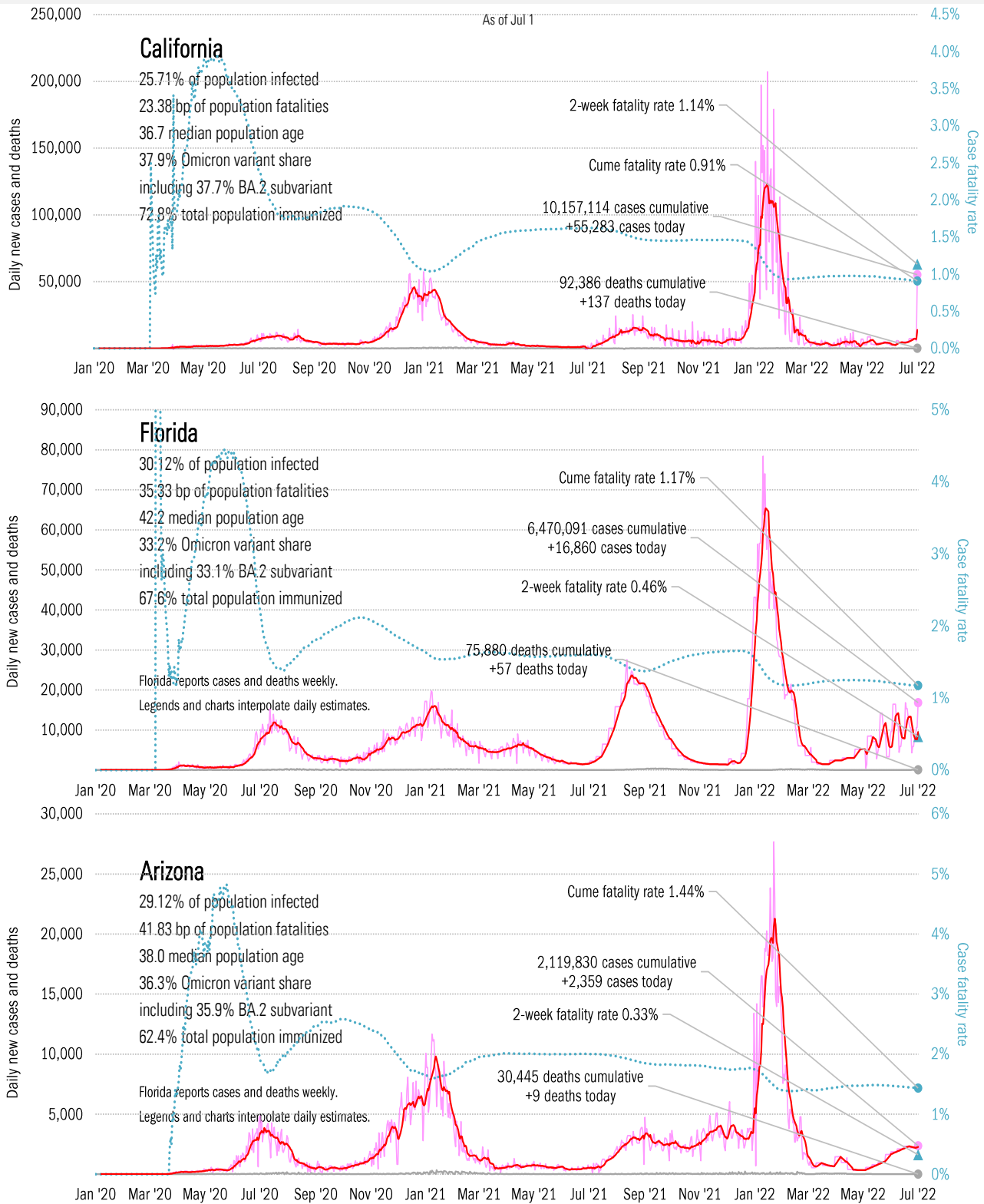
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

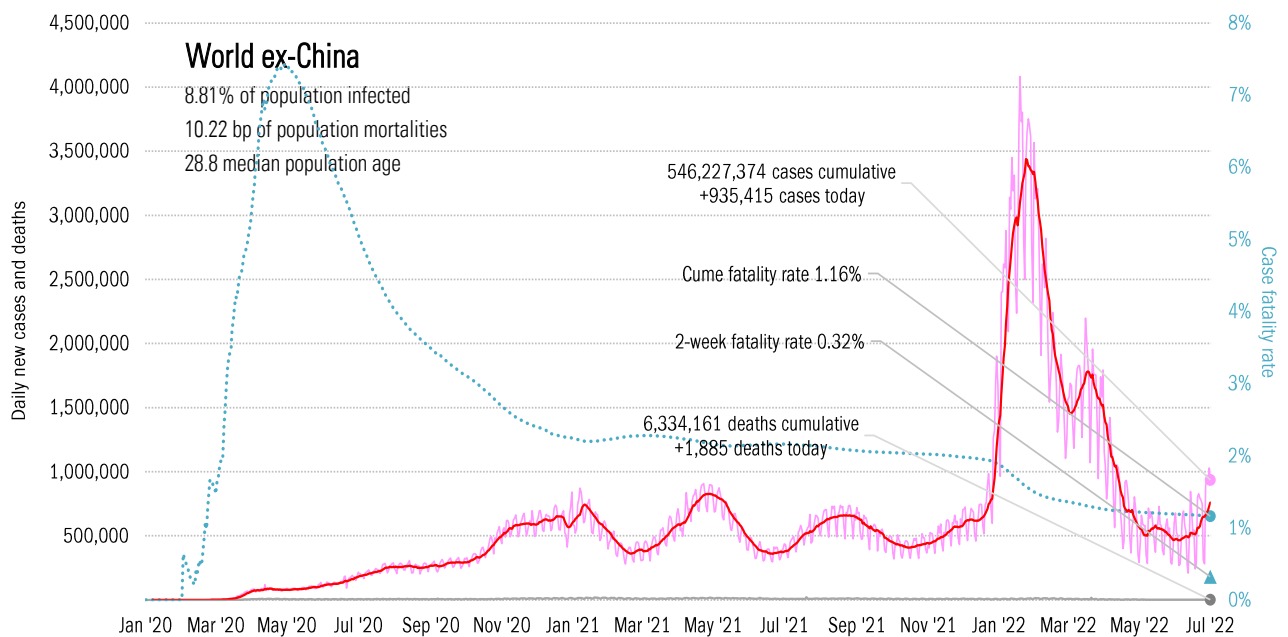
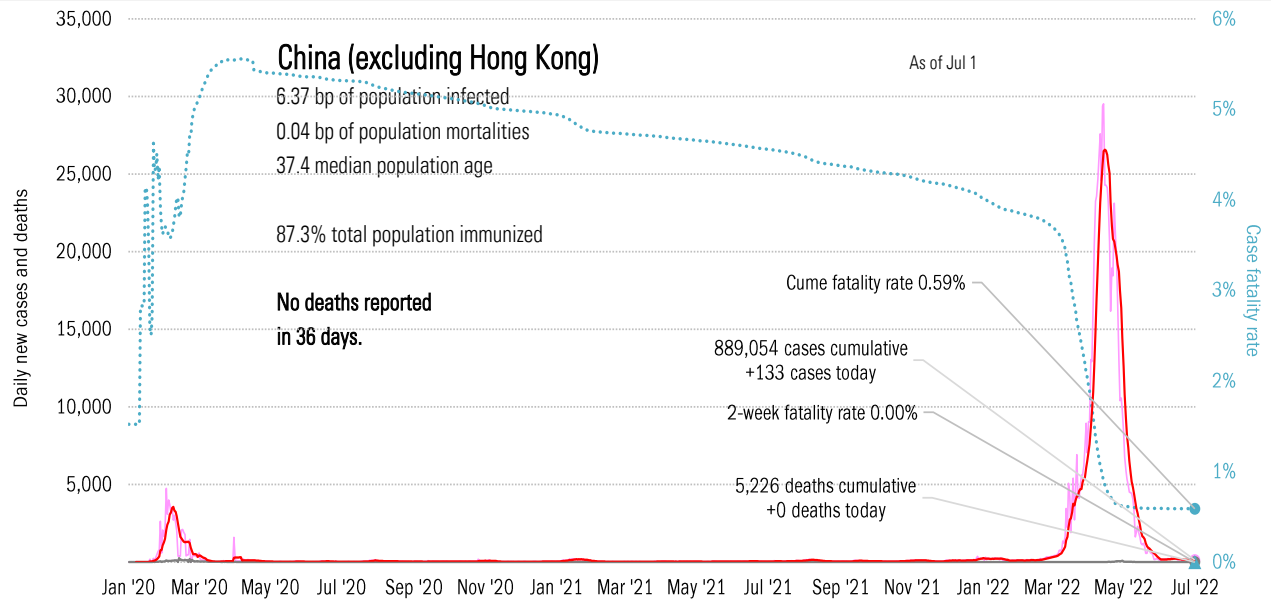
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

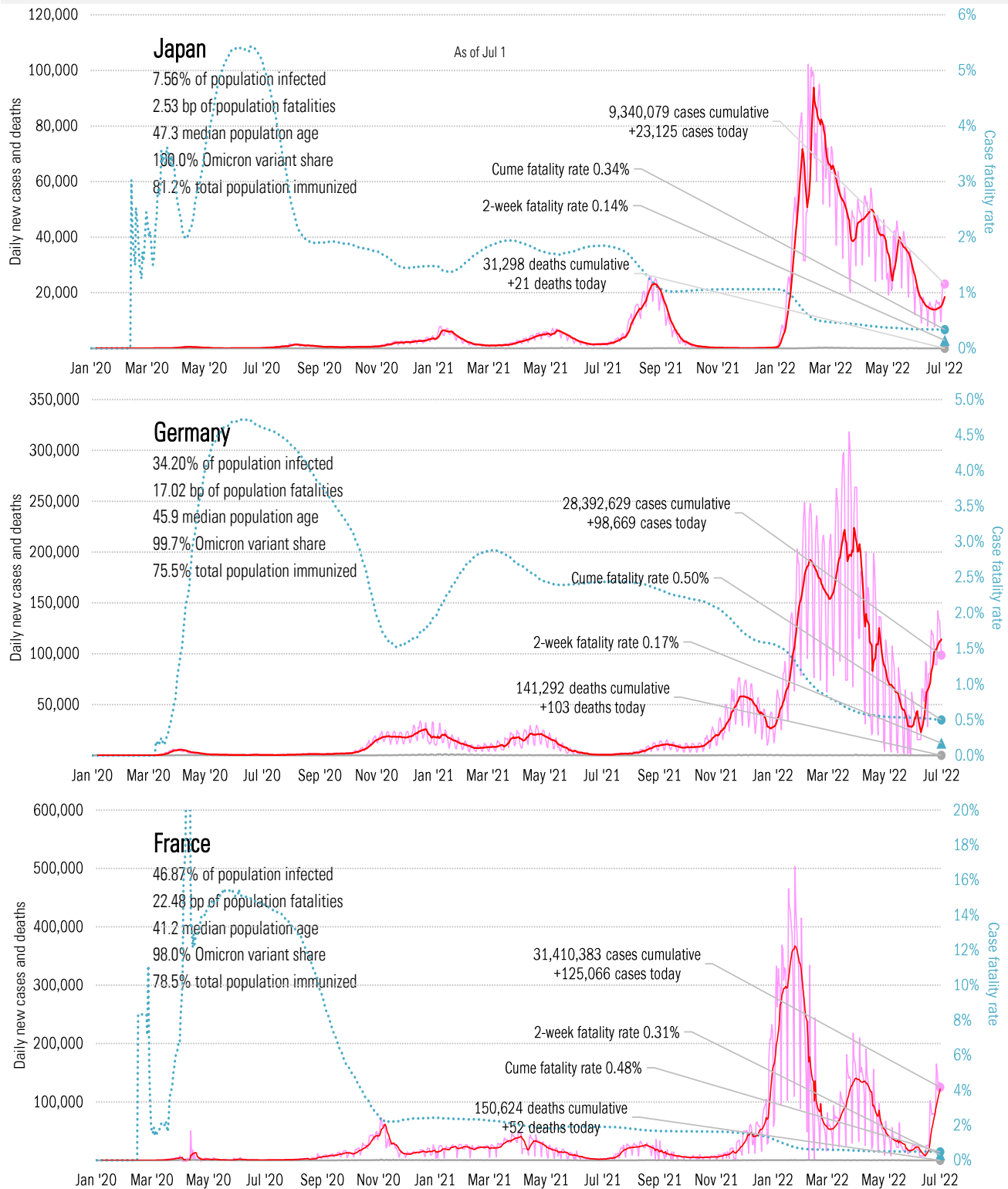
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

Cases: 7-day average and daily Deaths: Daily

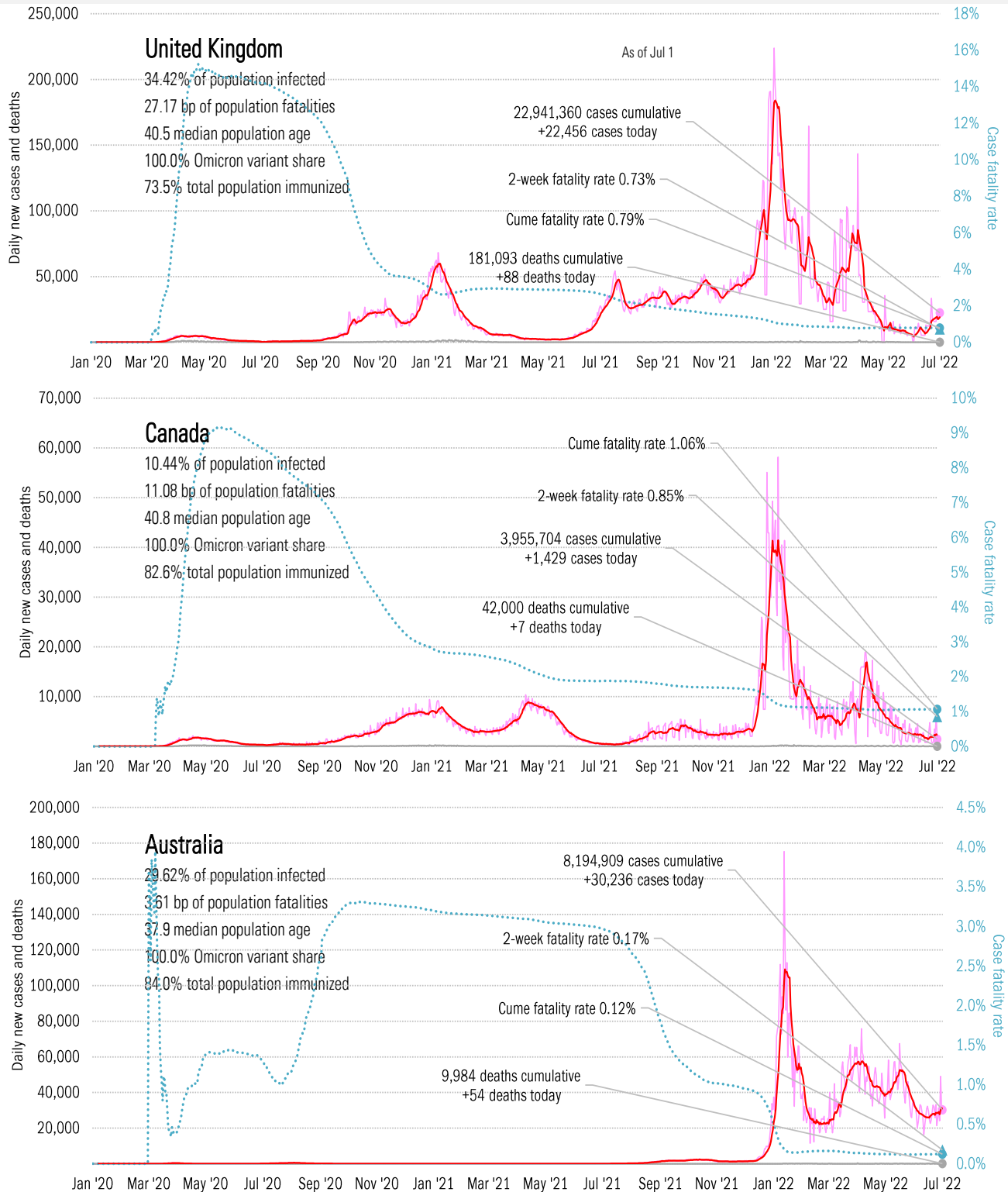


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in The Anglosphere

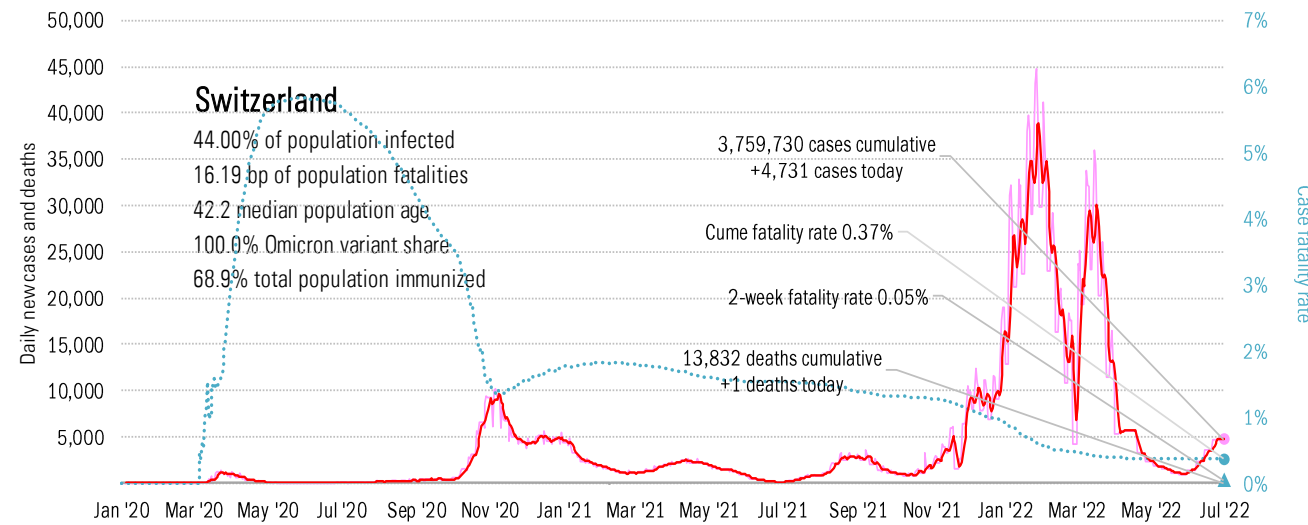
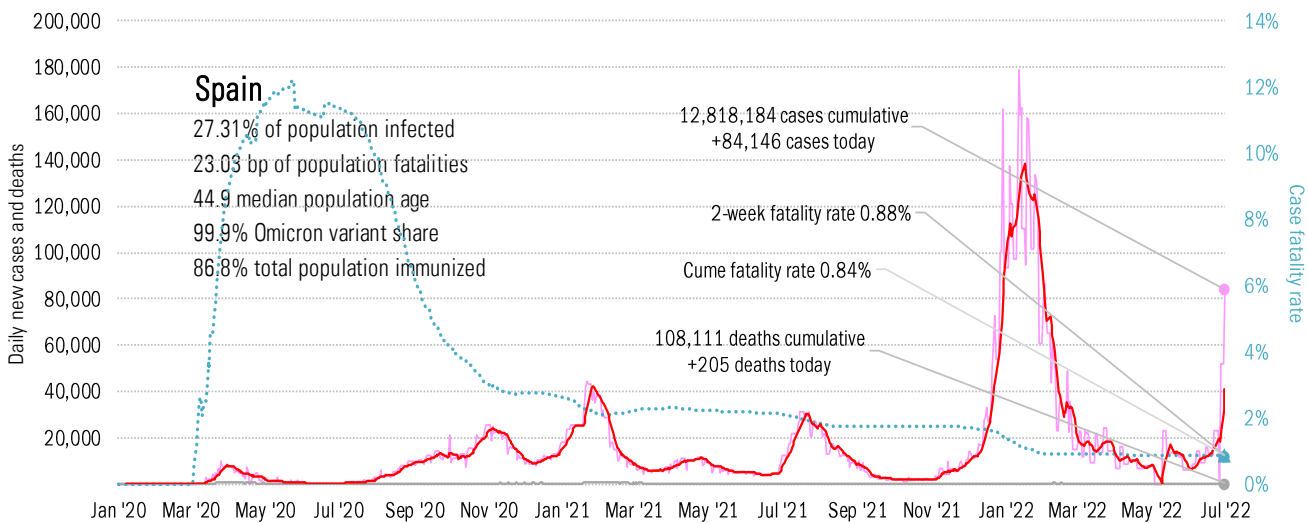
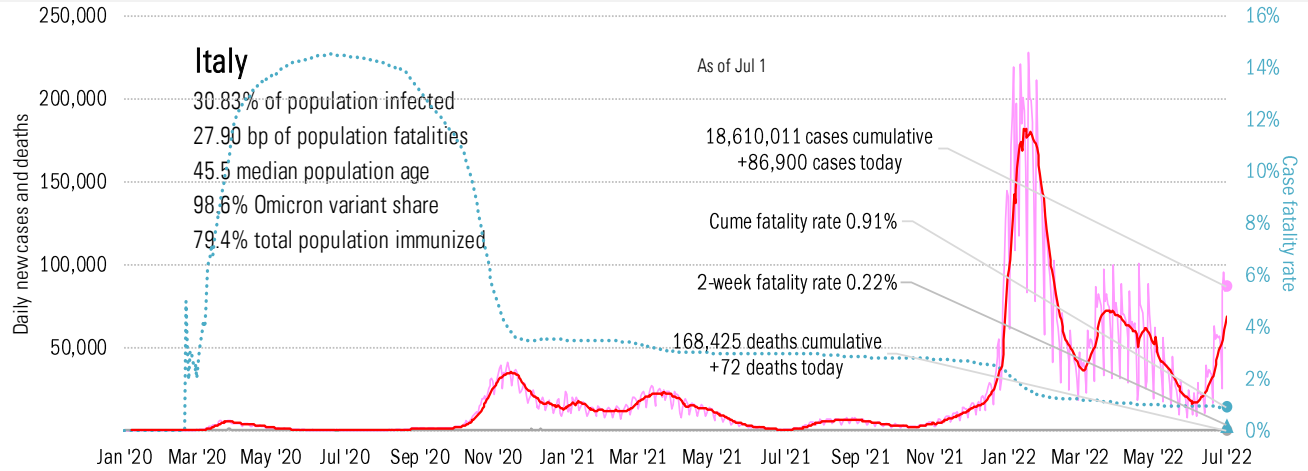
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

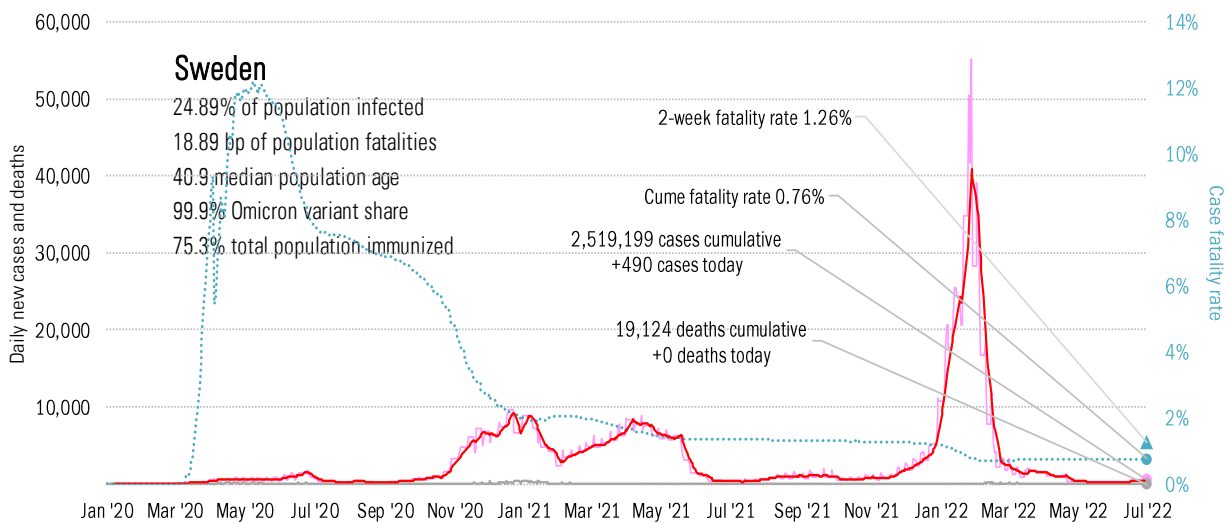
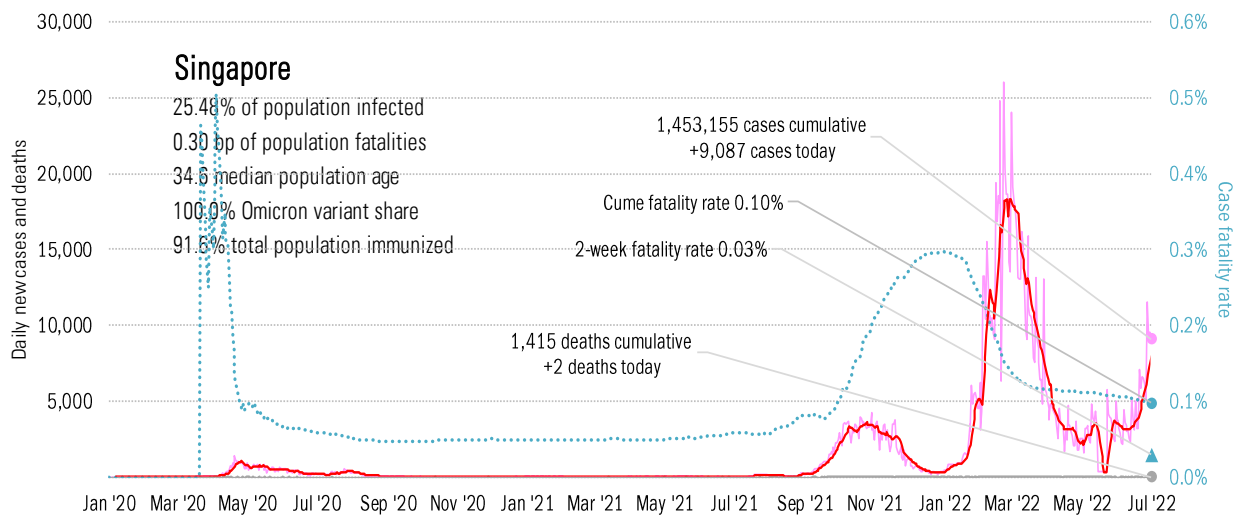
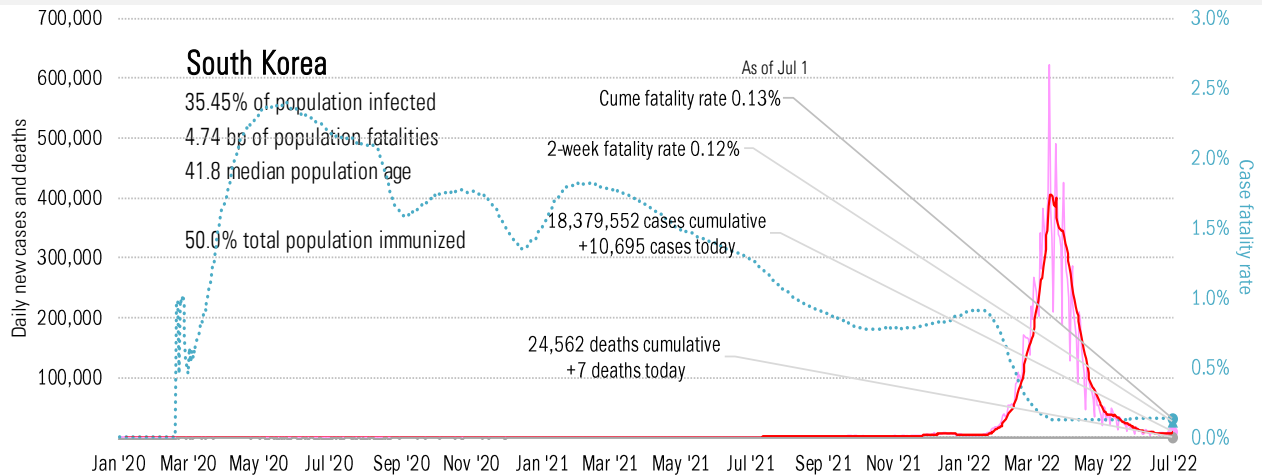
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

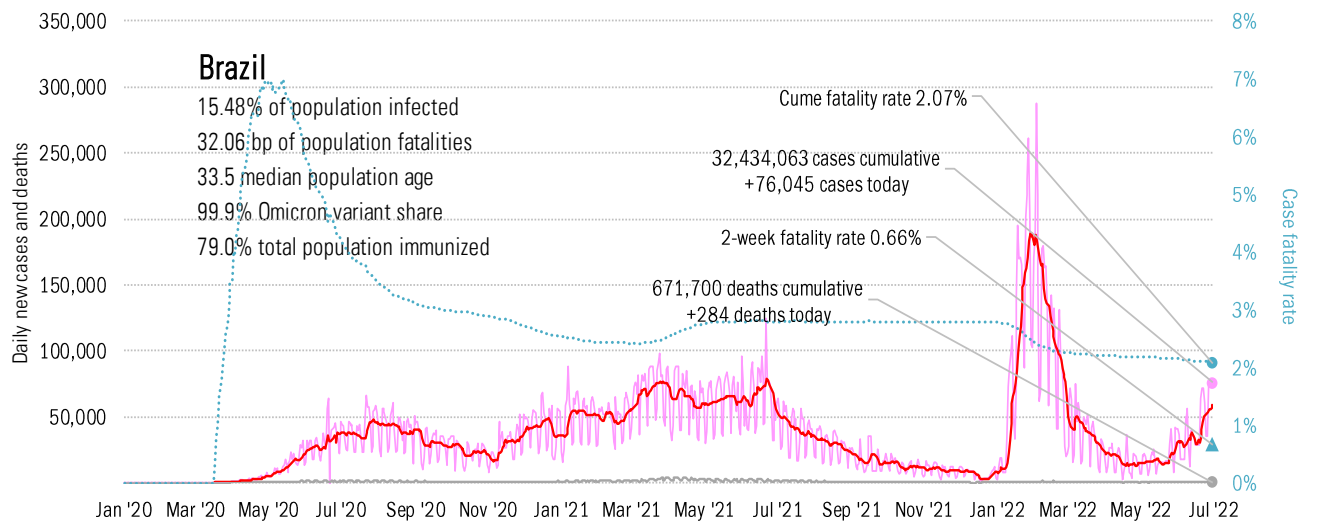
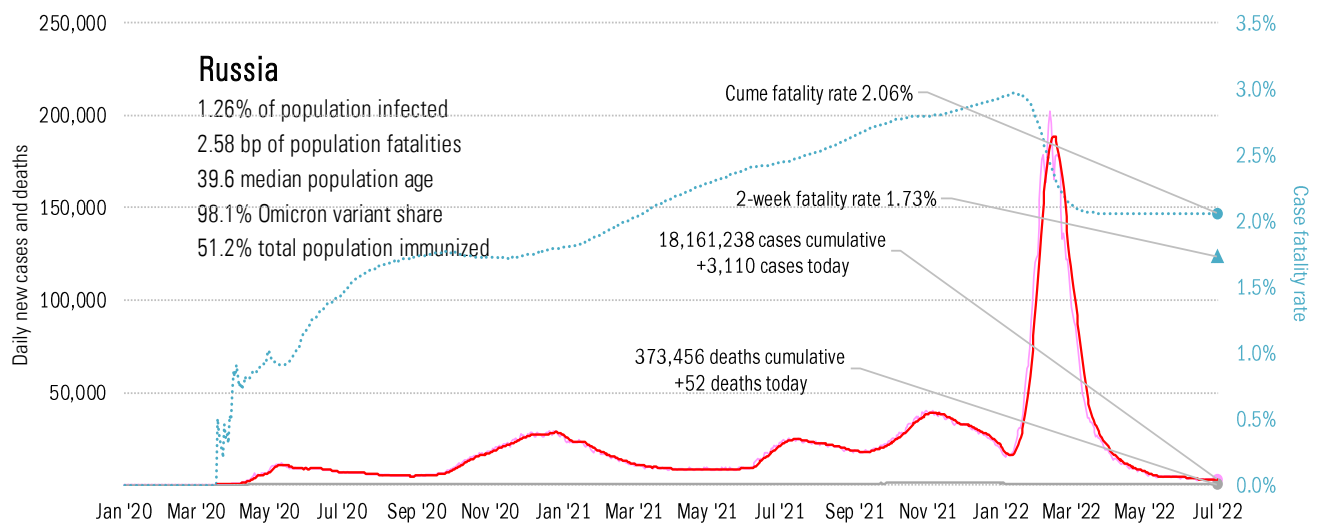
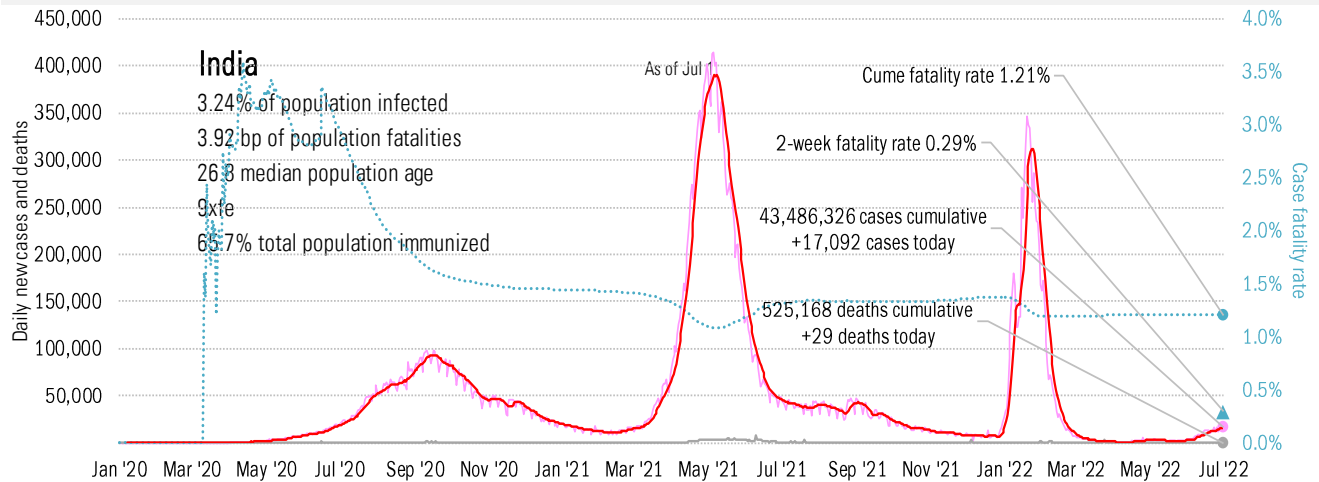
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

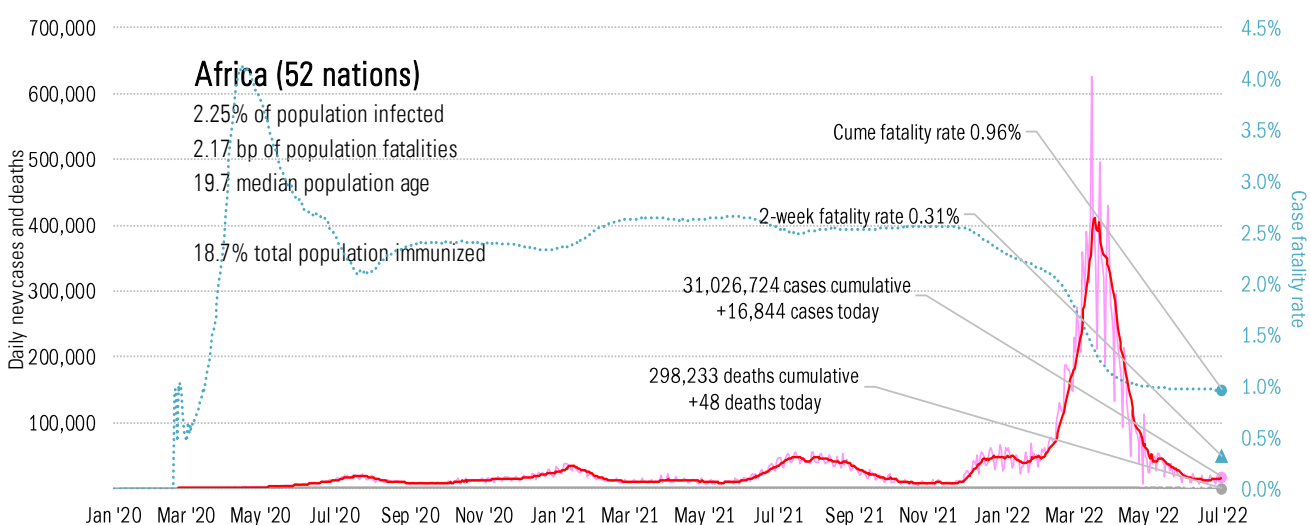
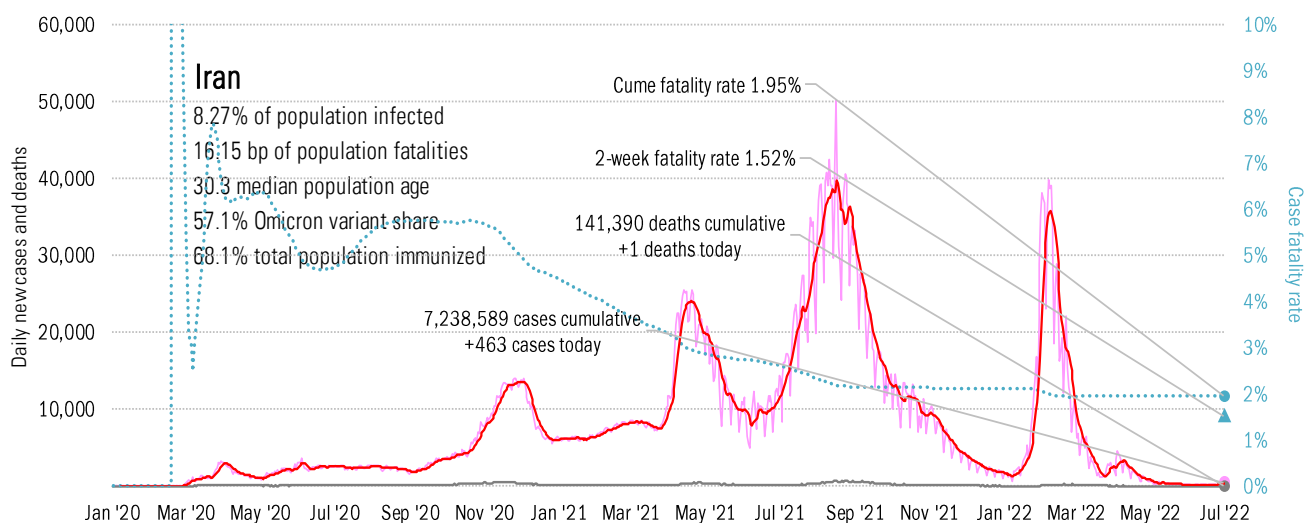
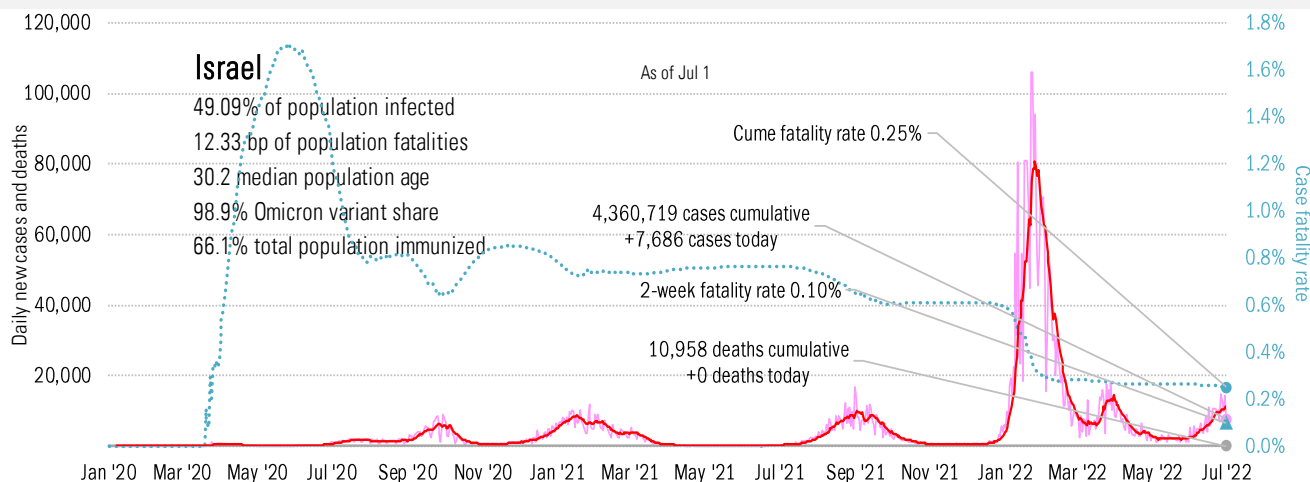
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

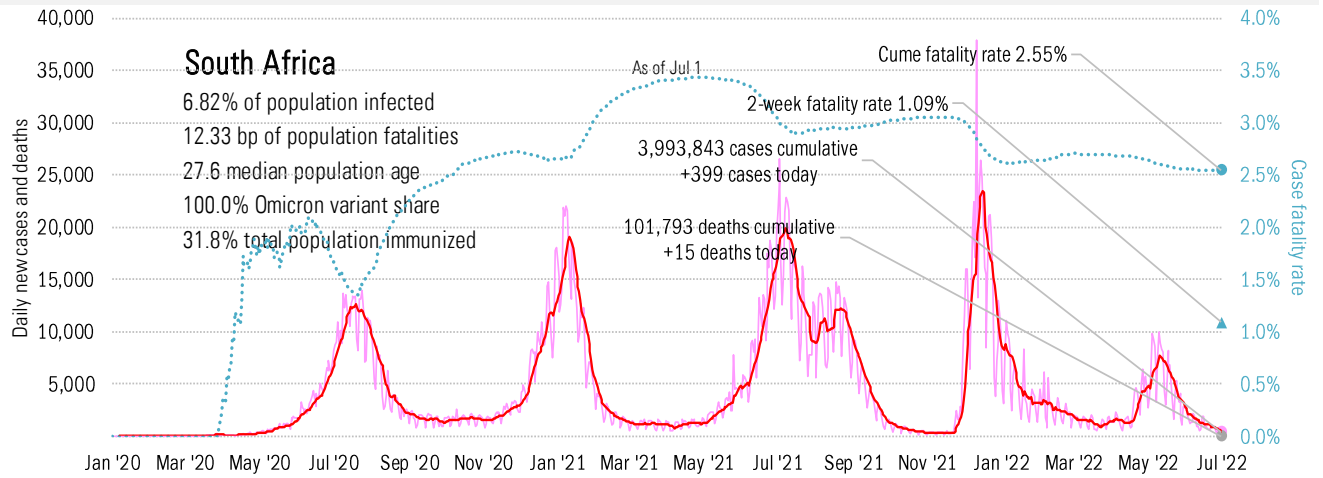
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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