

## Data Insights: Covid-2019 Monitor

Thursday, August 4, 2022

### The global scorecard

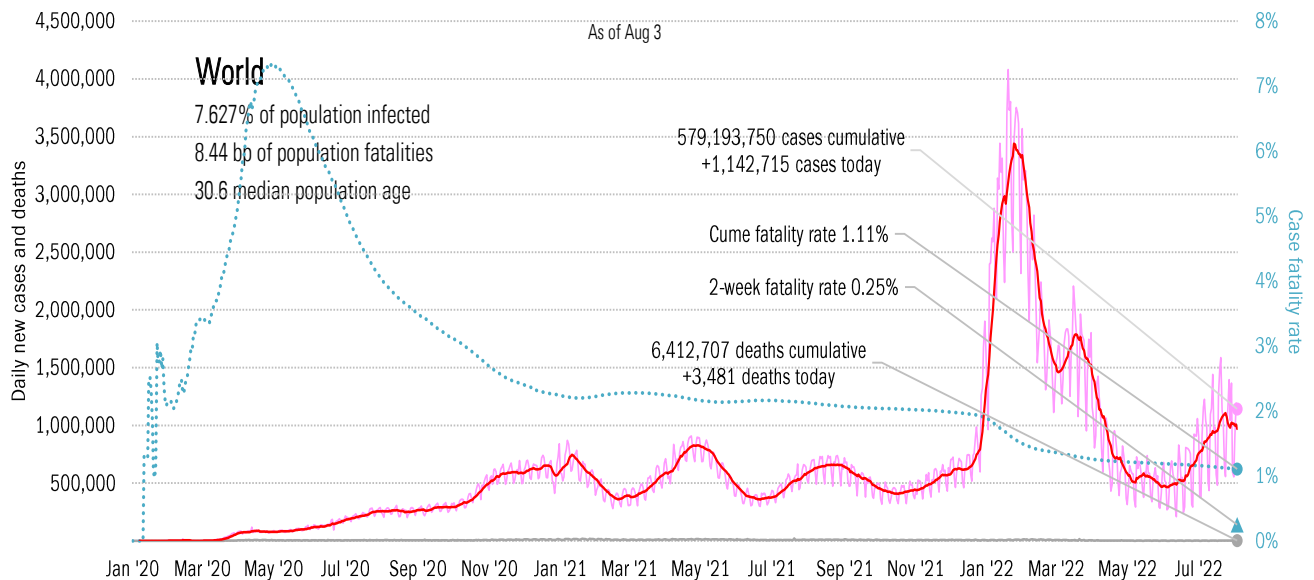
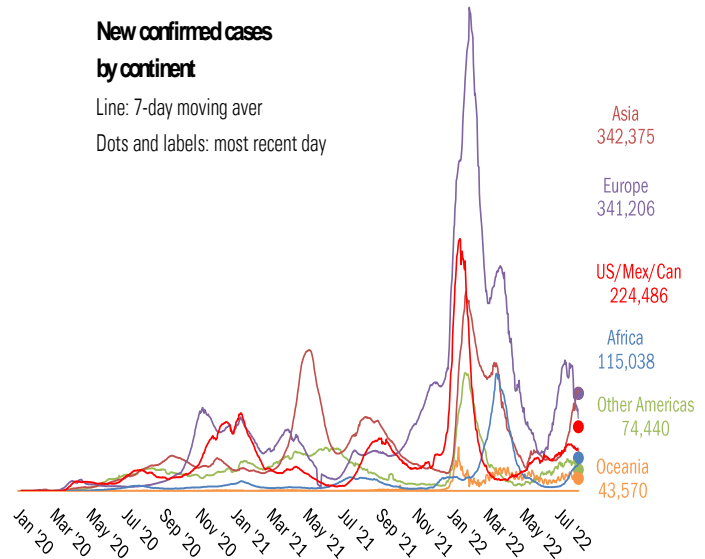
Cases: 7-day average and daily Deaths: Daily

#### The worst ten countries

New cases		New Deaths	
Japan	249,708	United Kingdom	1,109
United States	175,606	United States	638
Korea, South	107,849	Brazil	265
Germany	74,645	Germany	192
United Kingdom	65,034	Italy	171
Italy	45,956	Japan	169
France	39,475	Mexico	123
Australia	37,214	Hungary	96
Brazil	33,633	France	90
Taiwan*	23,892	Australia	85
<b>853,012</b>		<b>2,938</b>	
World	1,142,715	World	3,481
Top ten	75%	Top ten	84%

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

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

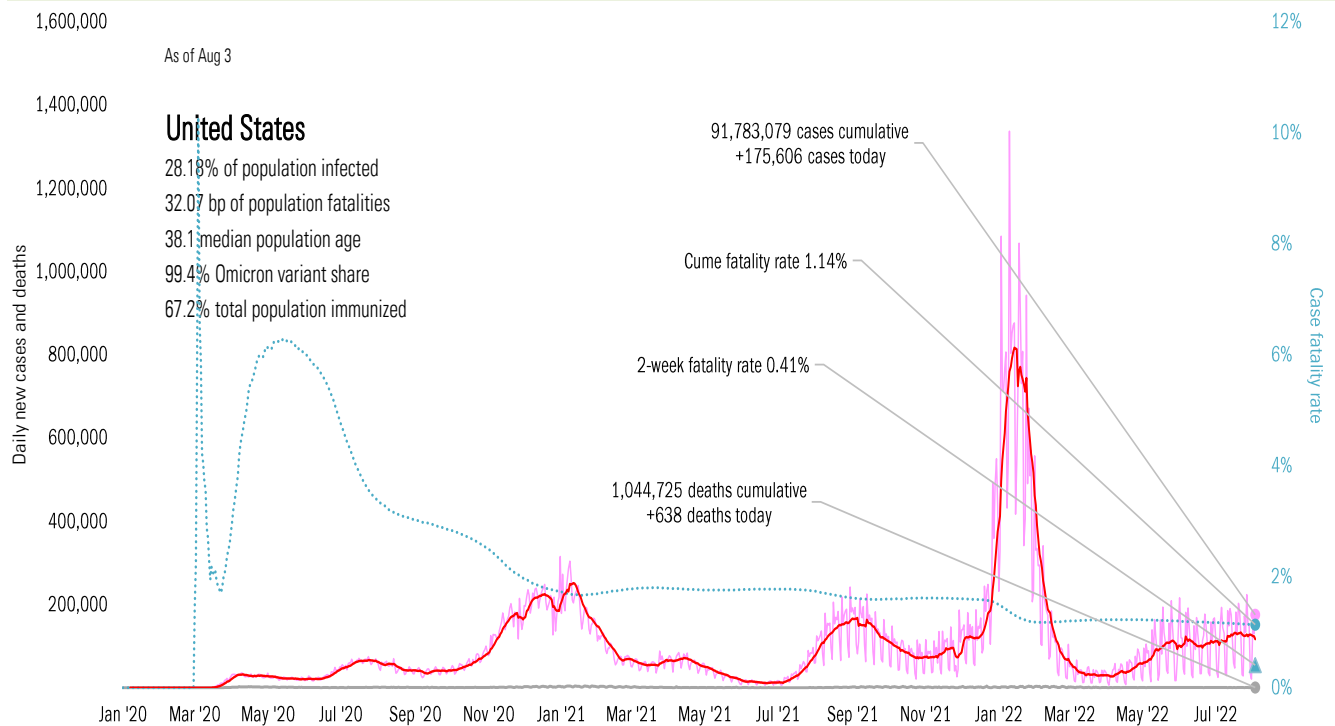
## The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use									
CH	29,876		TN	81		MI	146		CA	10,768,334		CA	93,655		TX	523,631		CT	90%	TX	85%								
PA	20,333		FL	64		LA	152		TX	7,588,249		TX	89,412		CA	473,074		RI	89%	RI	85%								
TX	11,037		CA	46		IA	73		FL	6,832,027		FL	77,801		FL	467,241		MA	85%	AL	82%								
FL	9,814		TX	46		MS	60		NY	5,842,486		NY	70,390		NY	282,495		WA	84%	WA	81%								
TN	8,408		WA	45		NH	22		IL	3,584,009		PA	46,261		GA	216,662		MN	84%	NC	81%								
CA	6,636		IN	41		CT	68		PA	3,105,341		GA	39,173		CH	206,497		DE	83%	MA	80%								
KS	6,618		IL	34		IN	161		NC	3,016,395		CH	39,035		PA	193,082		GA	83%	AK	79%								
IL	5,018		NC	29		ND	18		CH	2,948,242		IL	38,923		IL	175,813		MI	81%	OR	79%								
IN	4,810		VA	26		CA	646		GA	2,778,580		MI	37,534		MI	153,993		MD	81%	NM	79%								
NC	4,752		GA	18		CO	82		MI	2,692,485		NJ	34,307		KY	139,309		NH	80%	DC	78%								
107,302			429			1,428			49,156,148			566,491			2,831,797														
All states			175,606			638			6,196			All states			91,783,079			1,044,725			5,139,152			All states		70%		67%	
Top ten			61%			67%			23%			Top ten			54%			55%			55%			Median		76%		72%	

Some states not reporting

## Five most improved US states

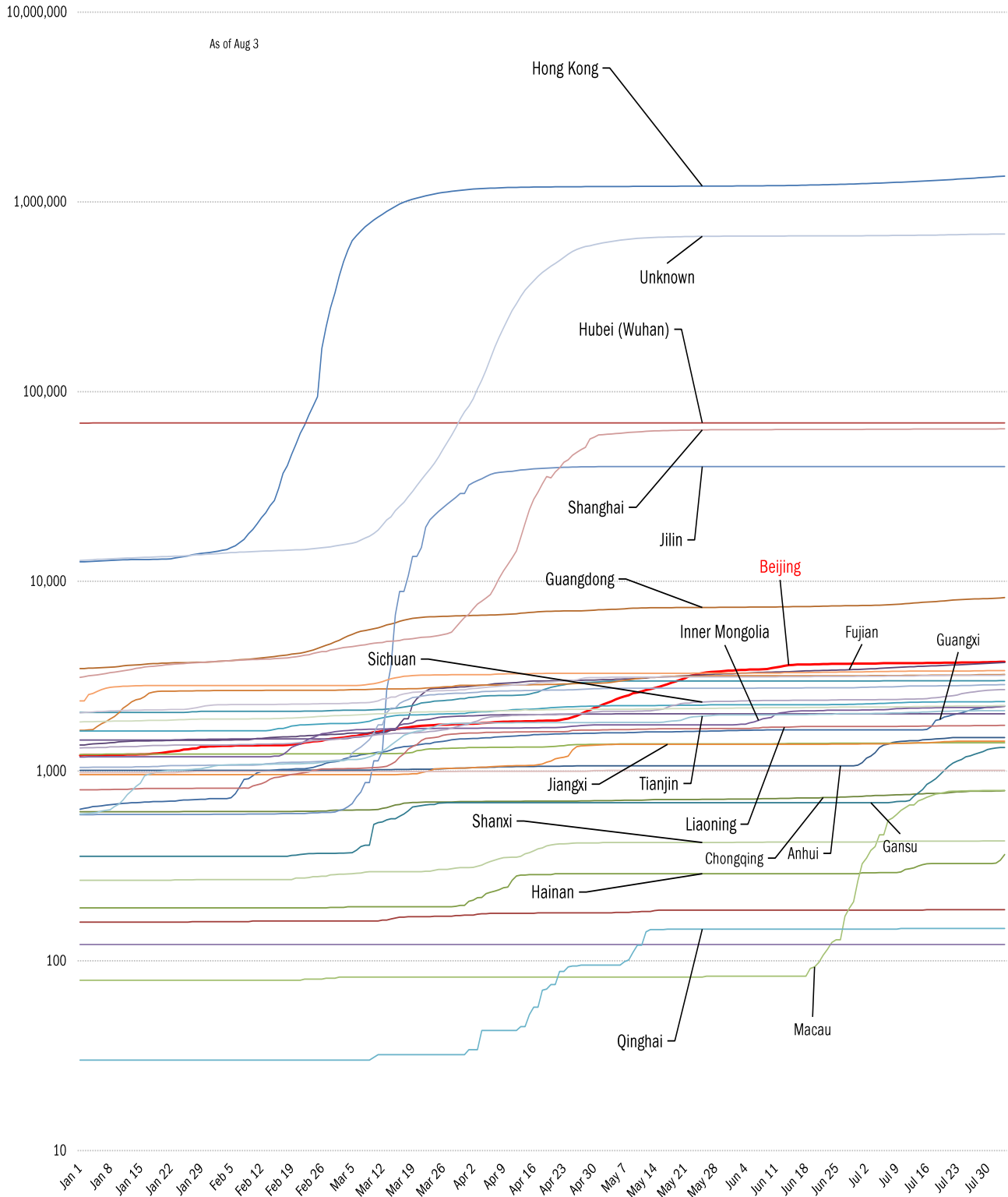
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
CA	-39,218	MI	-106	NY	-91
WA	-7,635	NY	-51	IL	-41
TX	-3,503	CA	-33	OK	-41
MD	-2,444	CT	-27	WV	-39
FL	-1,373	OR	-16	PA	-38



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"*

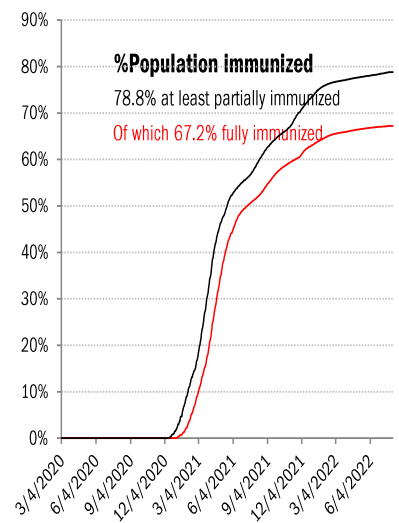
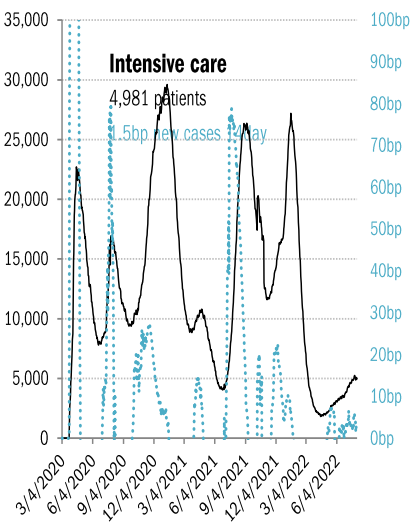
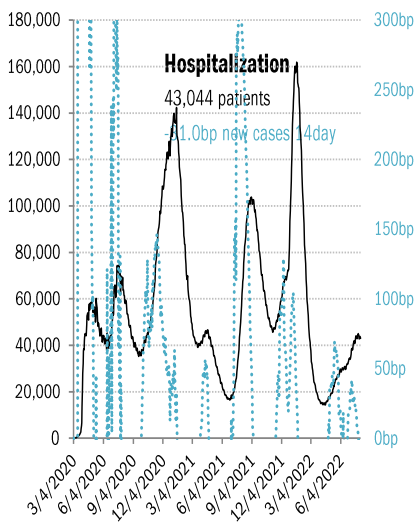
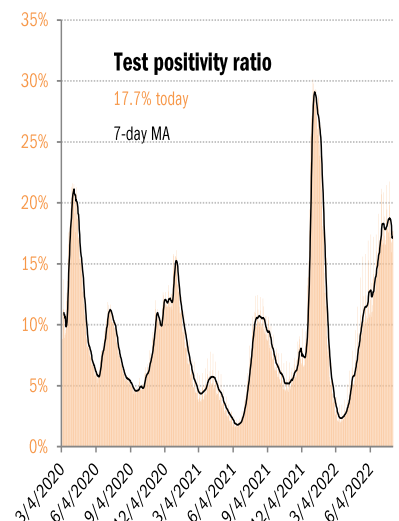
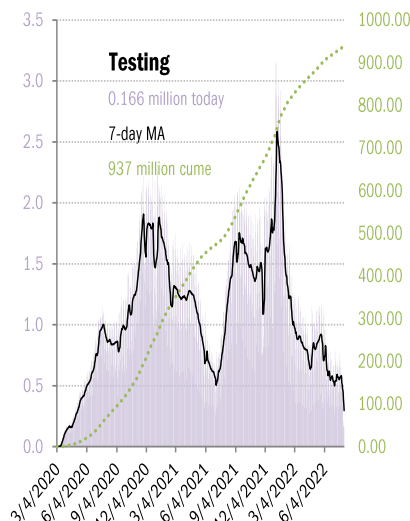
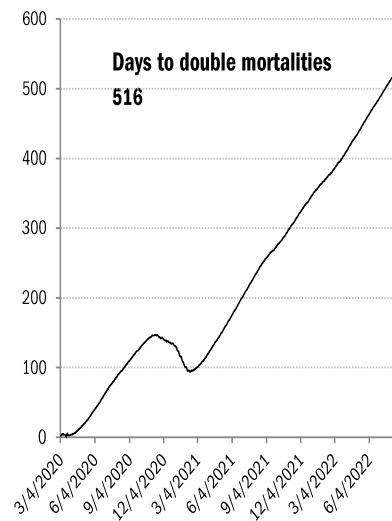
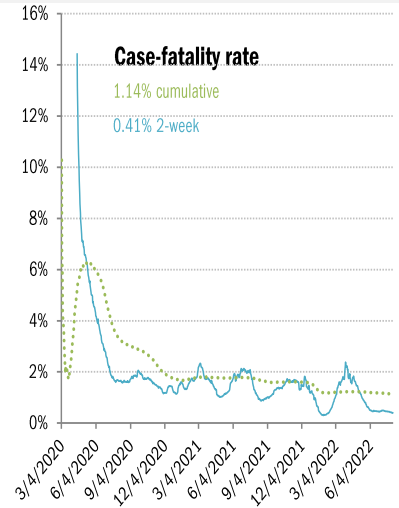
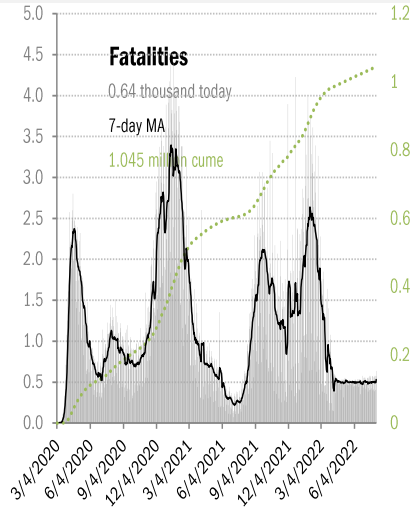
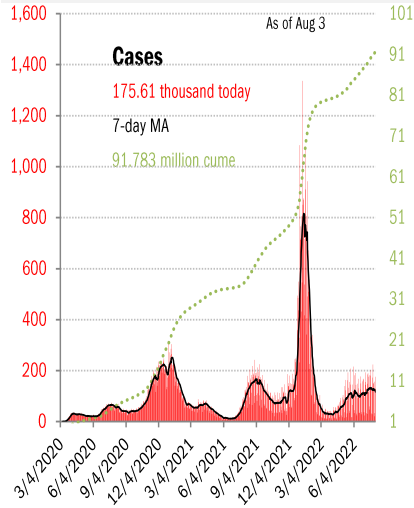


Source: [Johns Hopkins](#), TrendMacro calculations

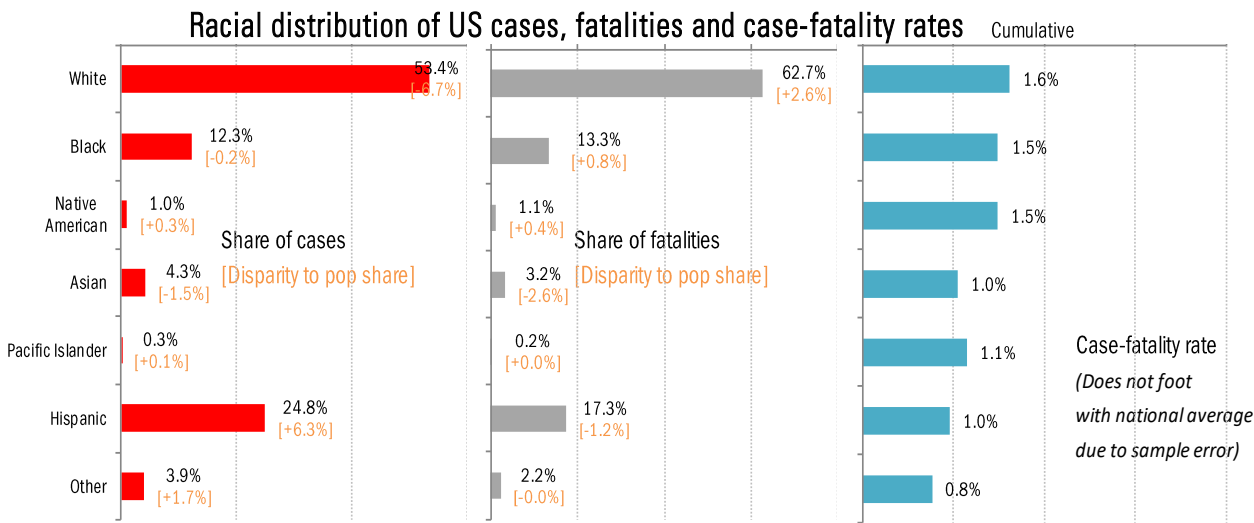
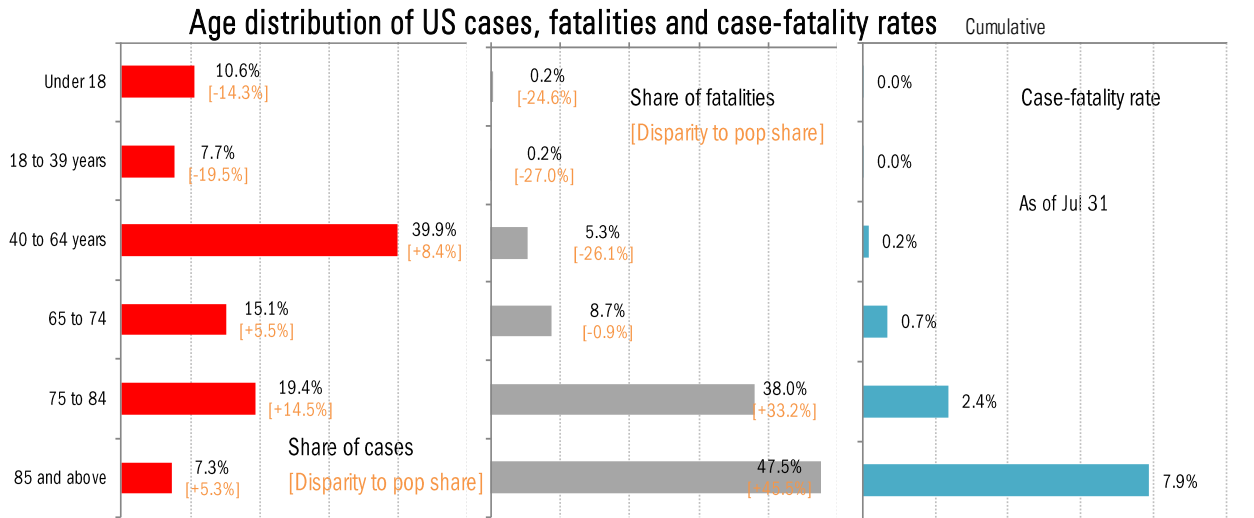


# US deep-dive

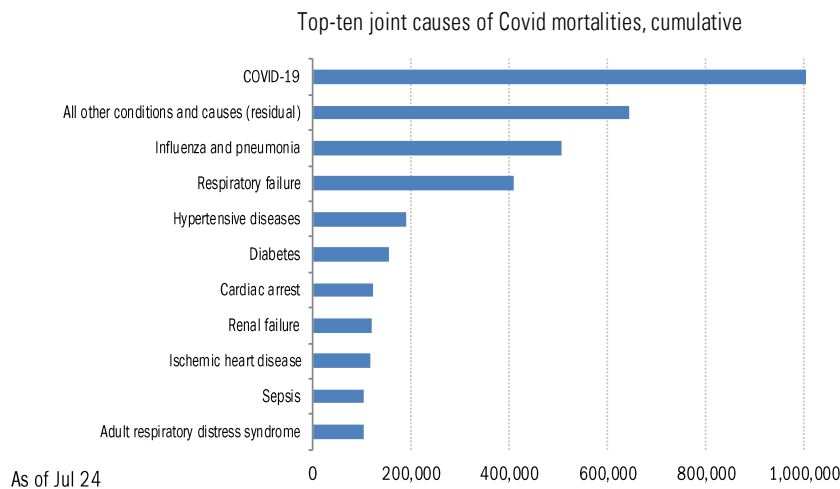
National and state-by-state data do not line up because of different sources



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



### Comorbidities



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

### [Why did Biden and Fauci take Paxlovid?](#)

Steve Kirsch  
*Steve Kirsch's Newsletter*  
August 3, 2022

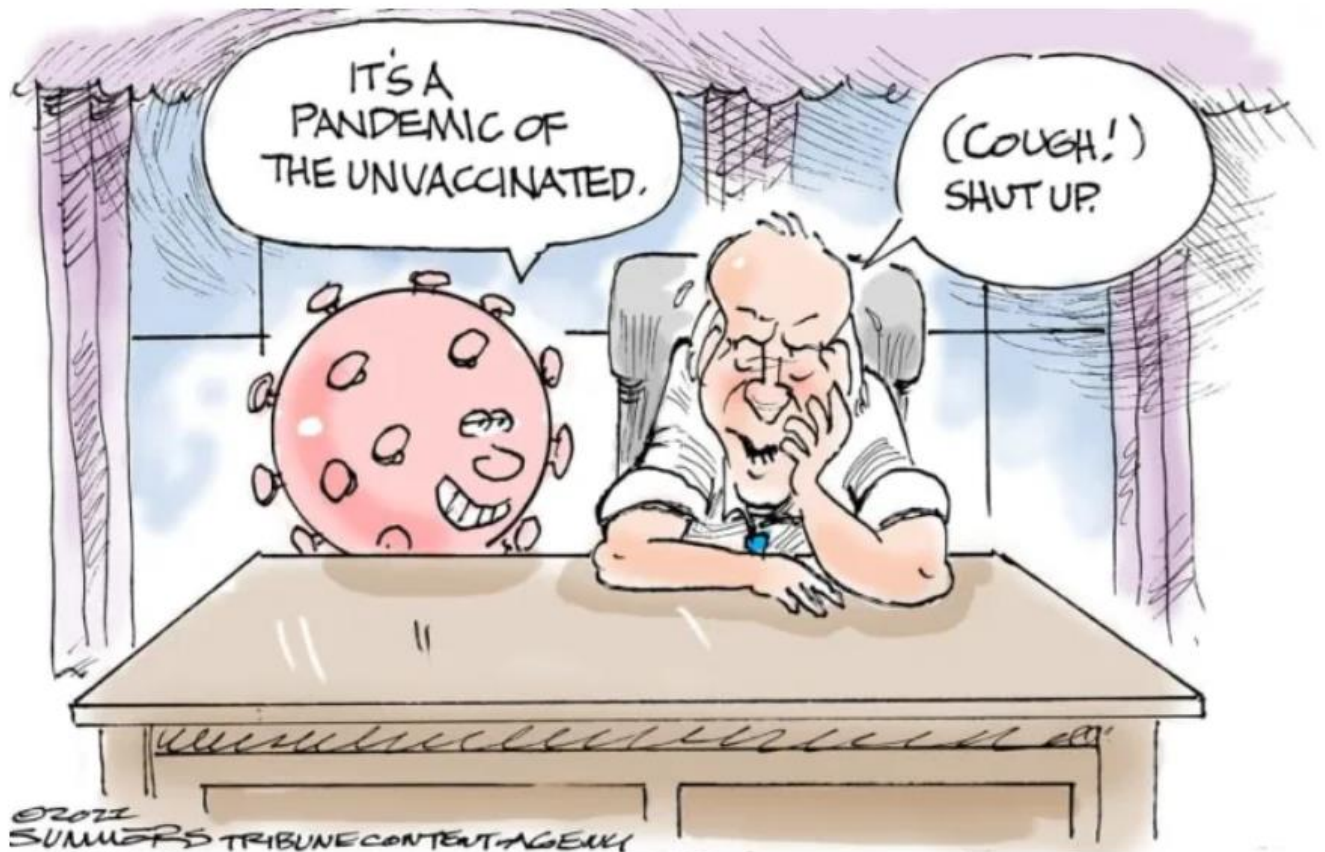
### [L.A. schools drop aggressive COVID-19 rules: No more testing for all and masks stay optional](#)

Howard Blume  
*Los Angeles Times*  
August 2, 2022

### [Dr. Birx – Who Admitted COVID 'Subterfuge' In Trump's White House – Says Her 'Go To' People Were Jared Kushner and Mike Pence.](#)

Raheem Kassam  
*National Pulse*  
August 2, 2022

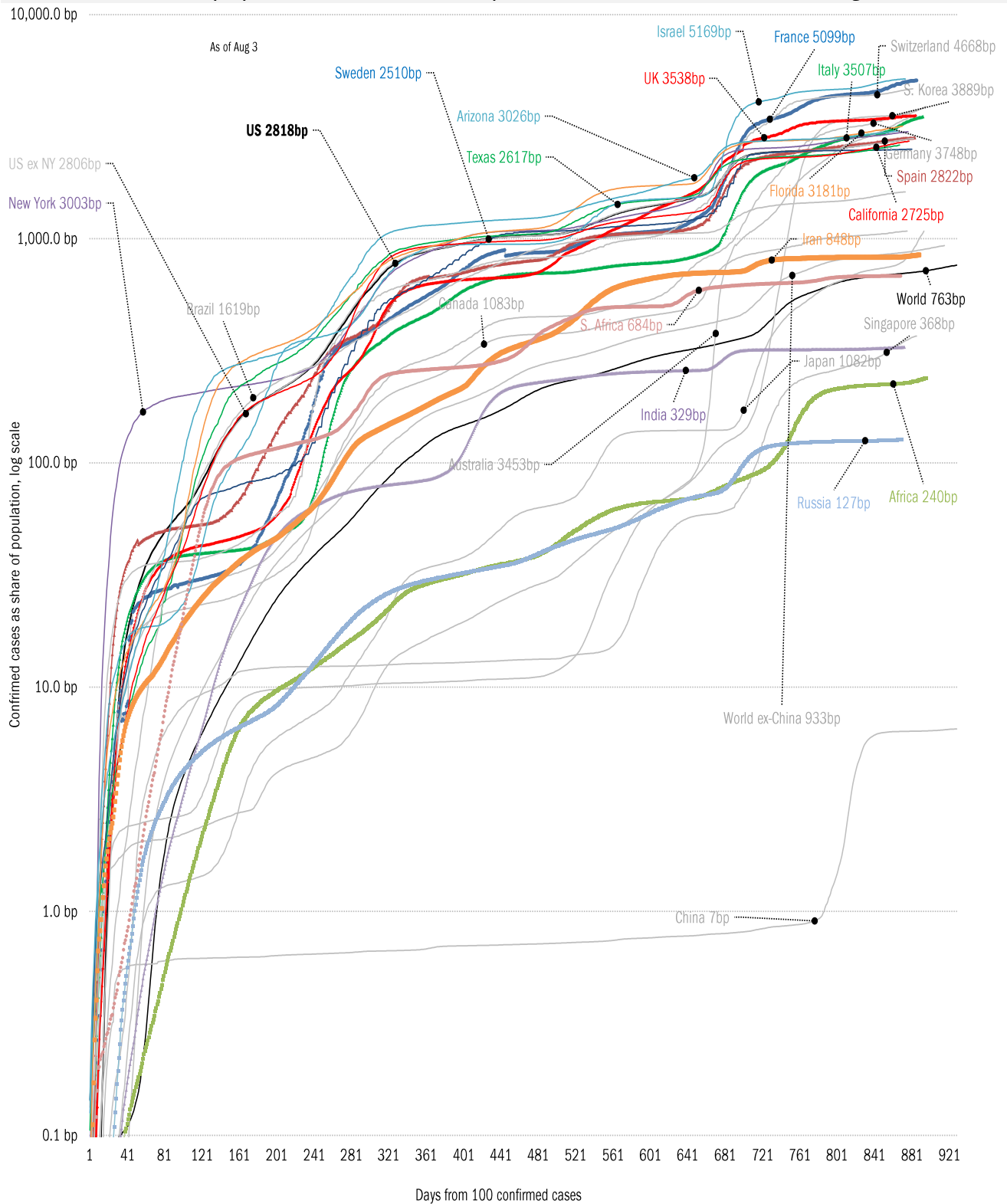
## Meme of the day



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*

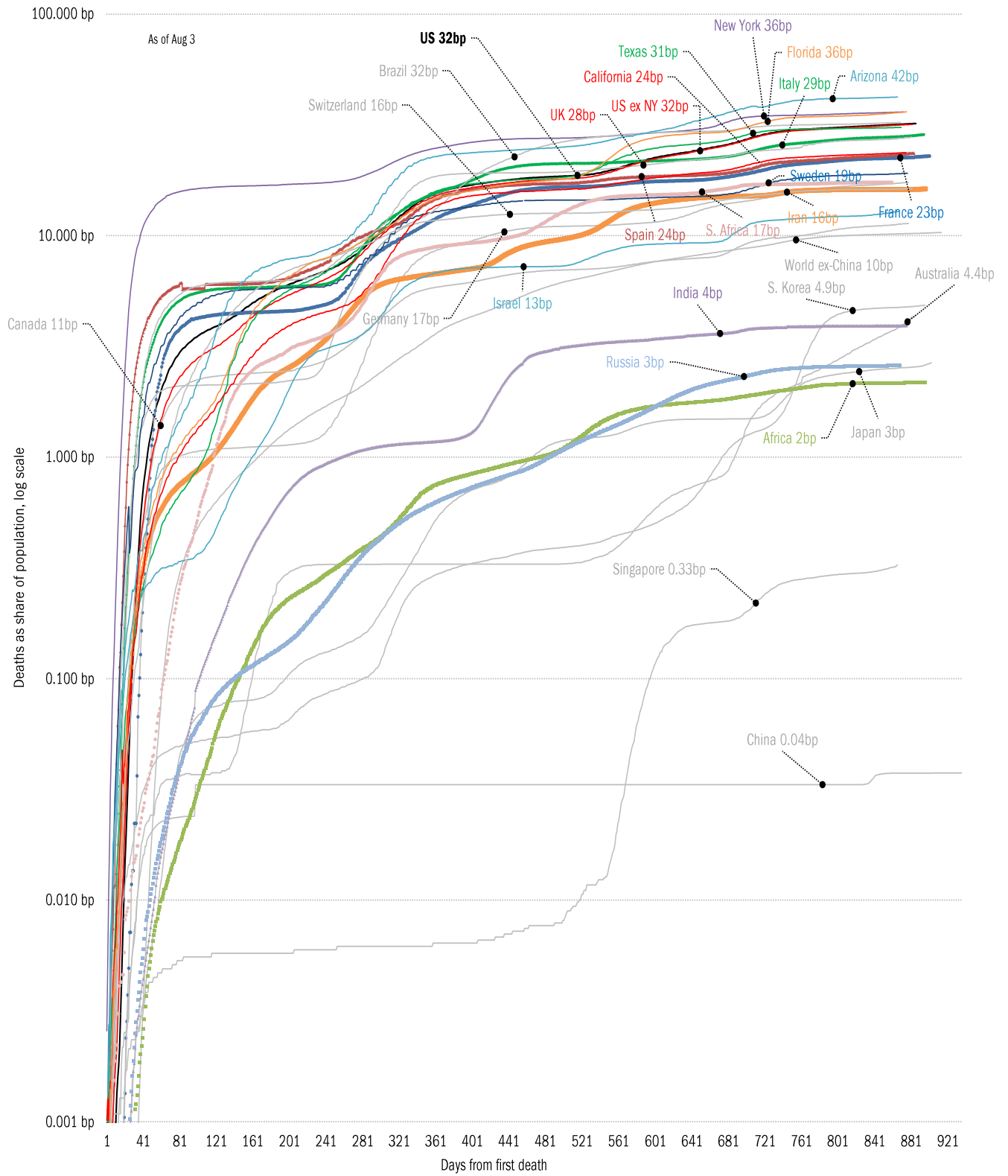


Source: [Johns Hopkins](#), TrendMacro calculations



# The global coronavirus mortality accelerometer ... tracking the world's fatality curves

*Share of deceased population from day of first fatality, log scale*

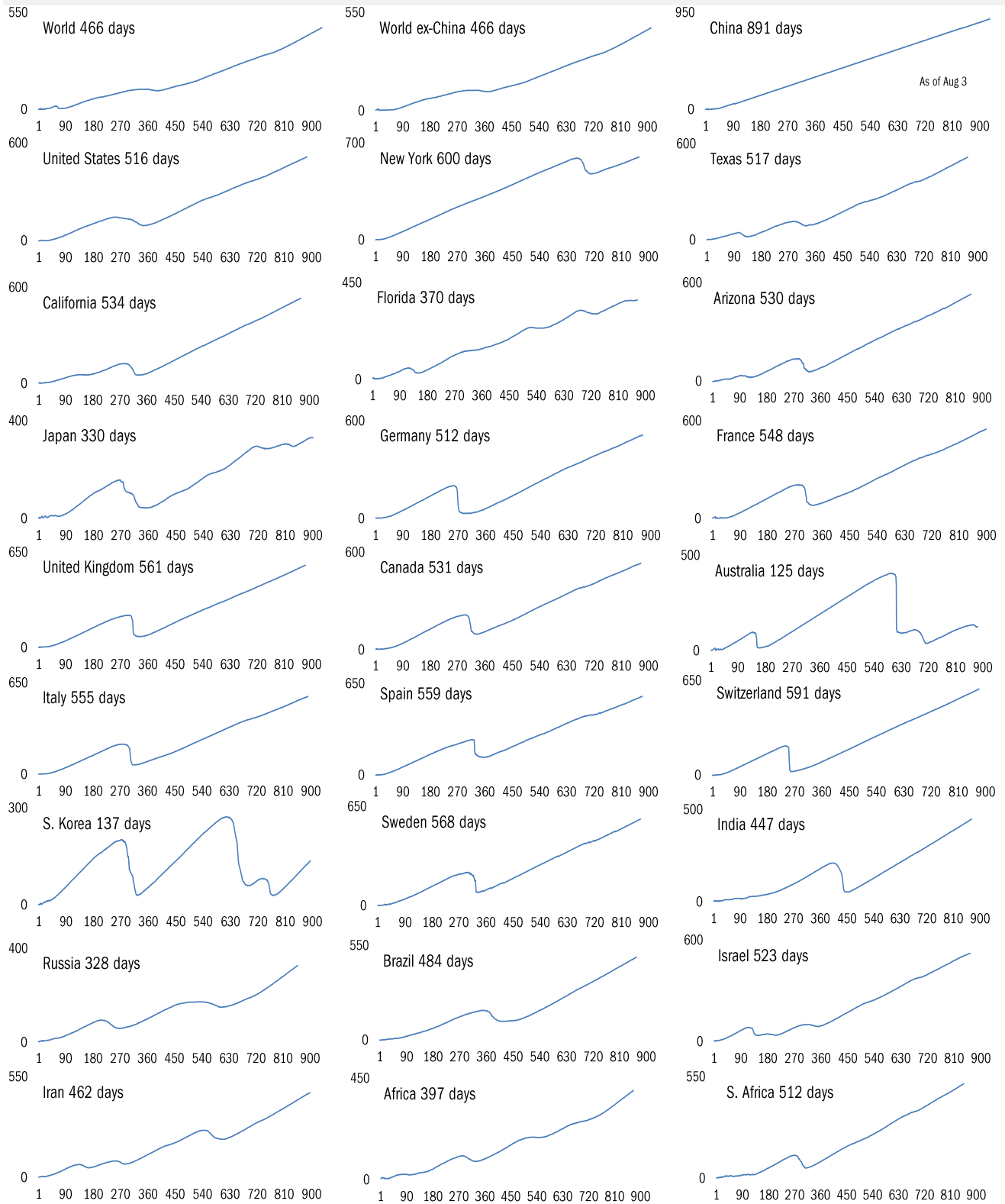


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

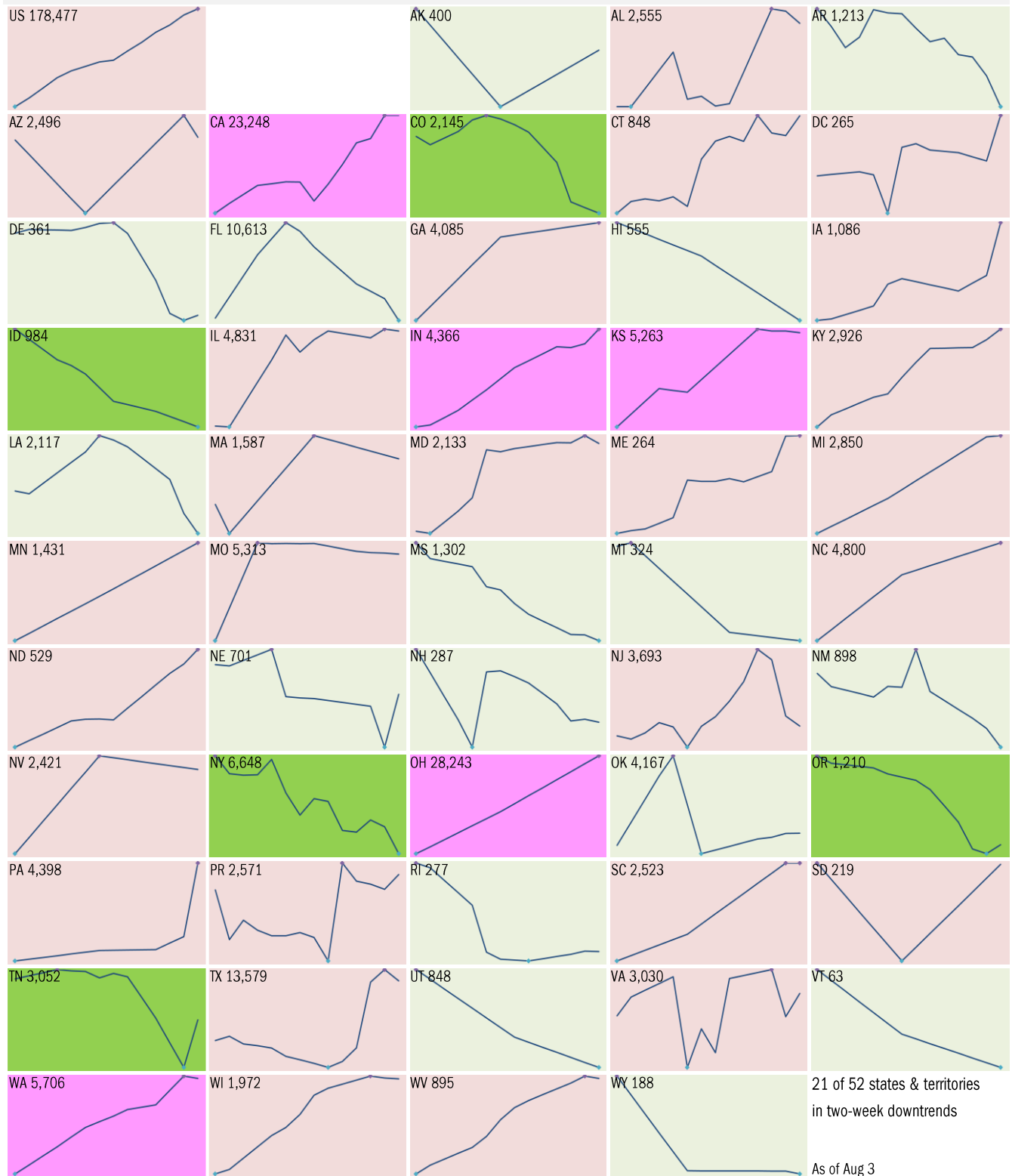


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

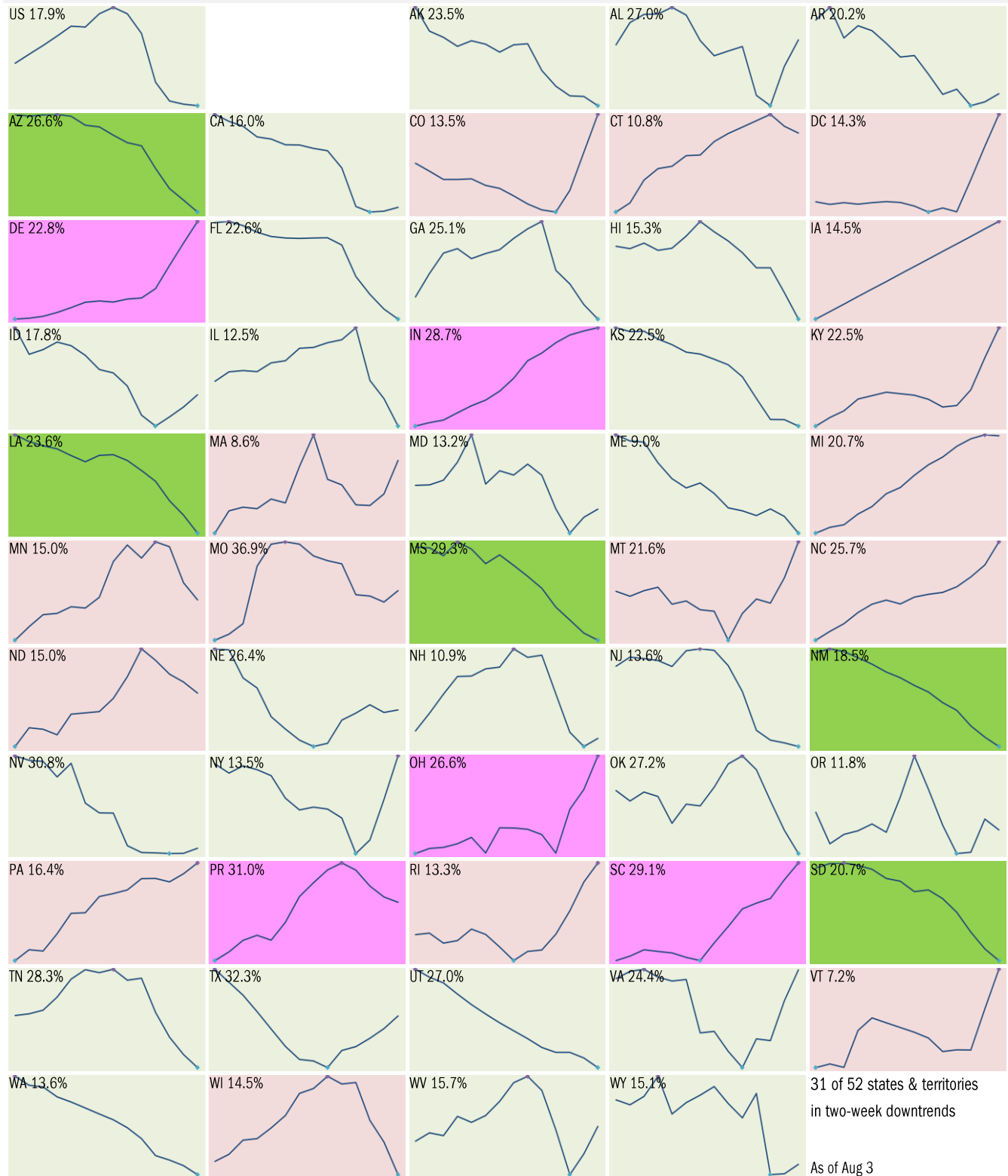


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

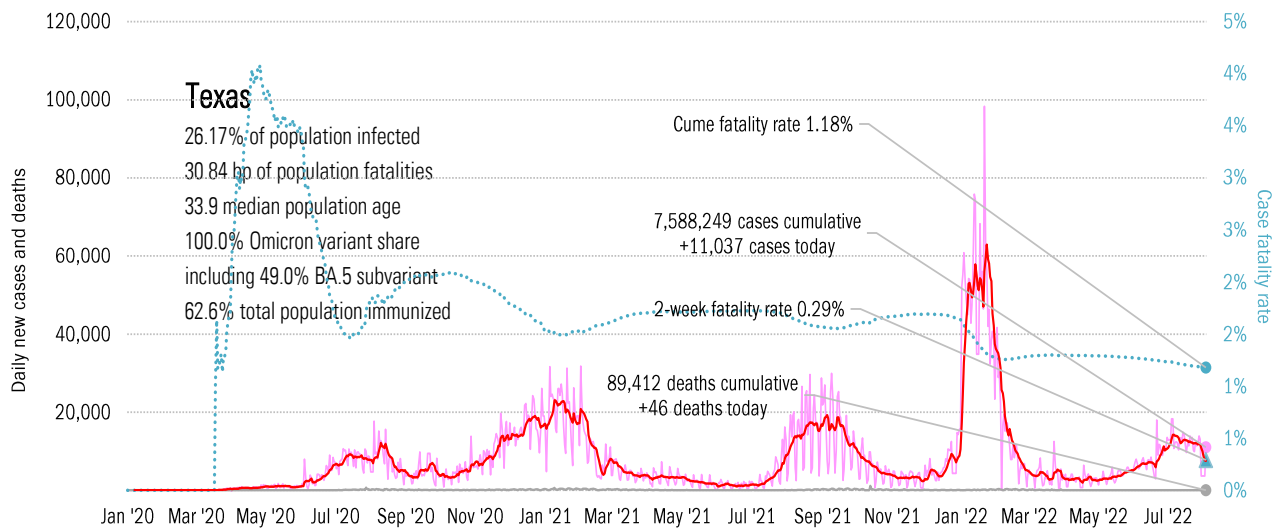
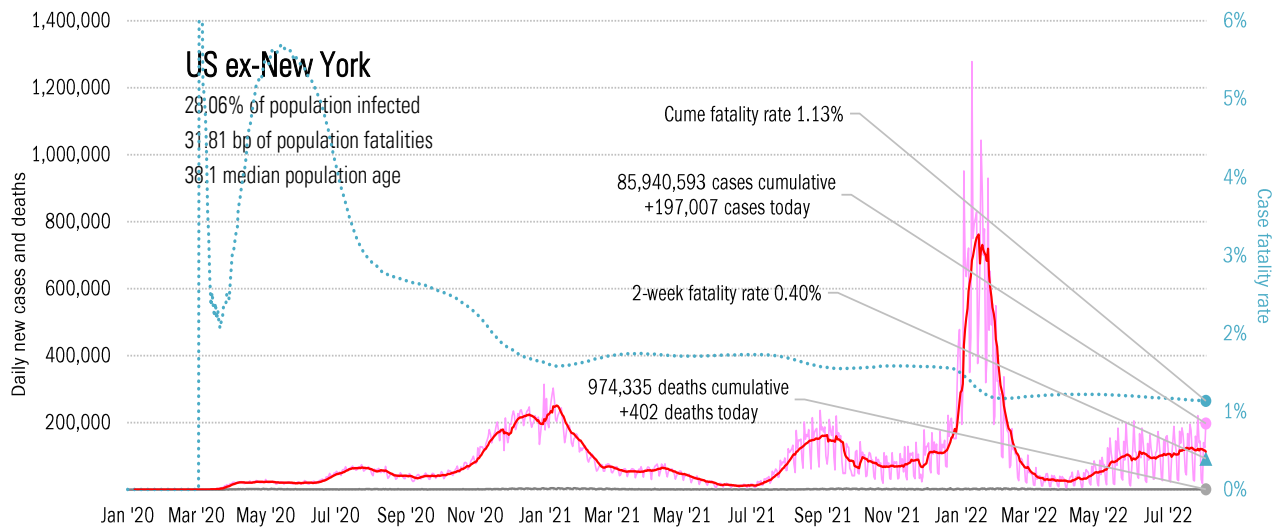
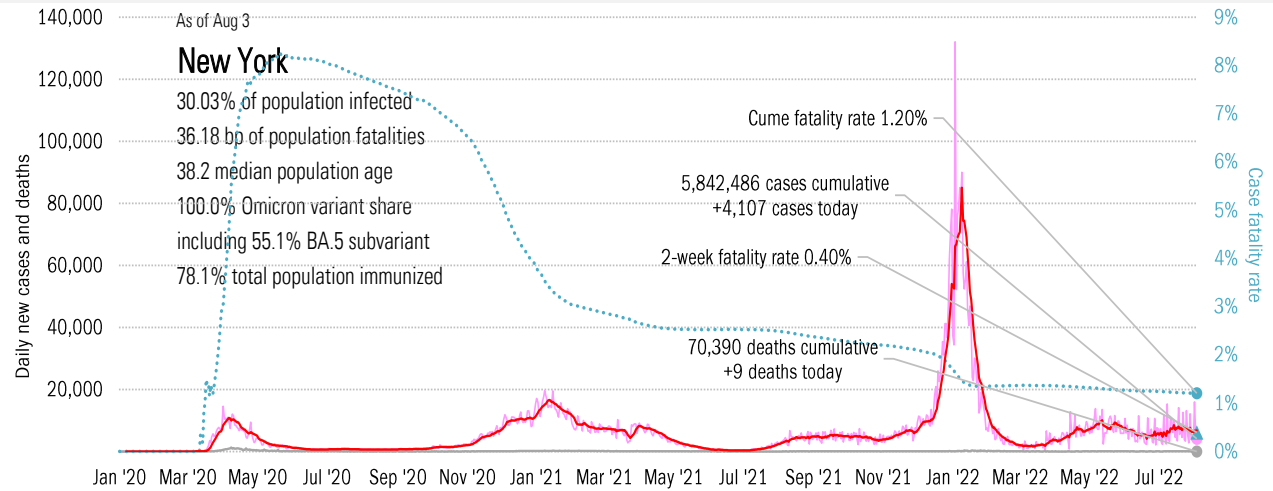
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

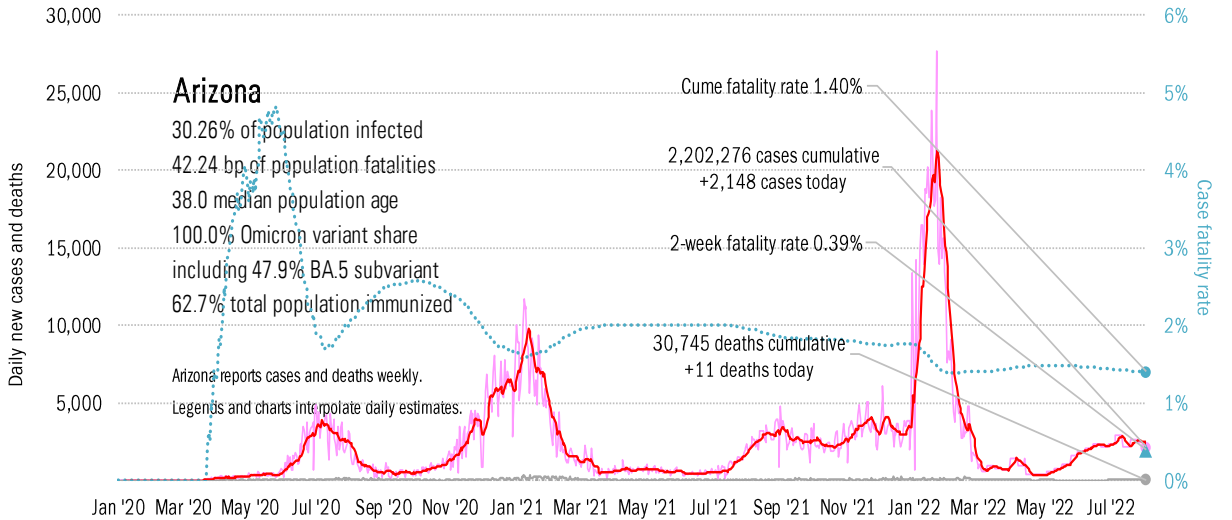
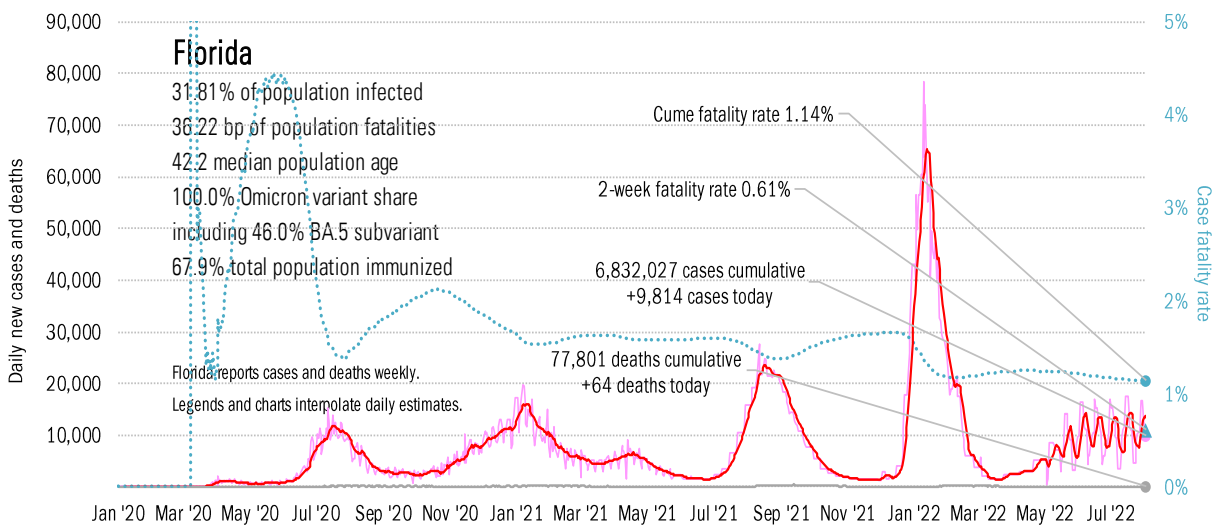
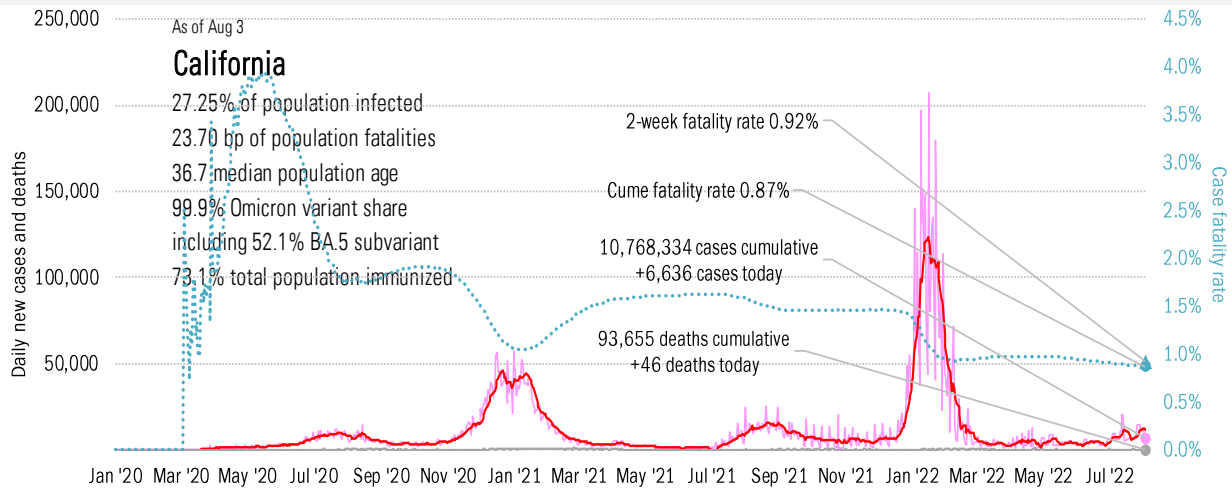
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

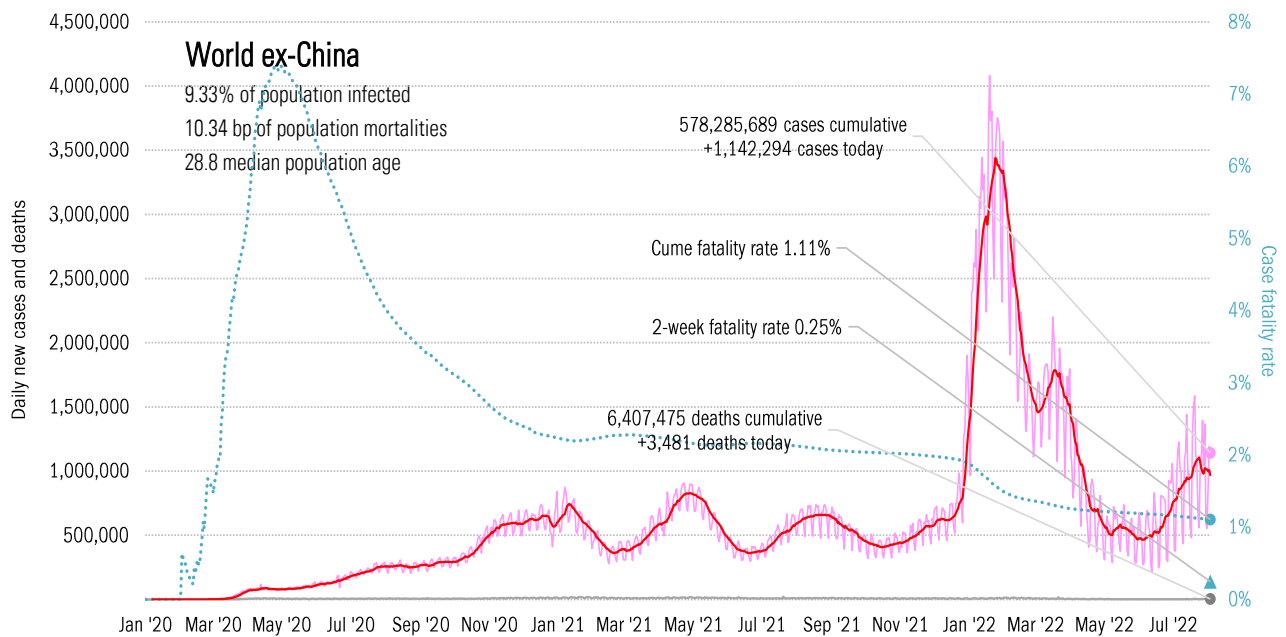
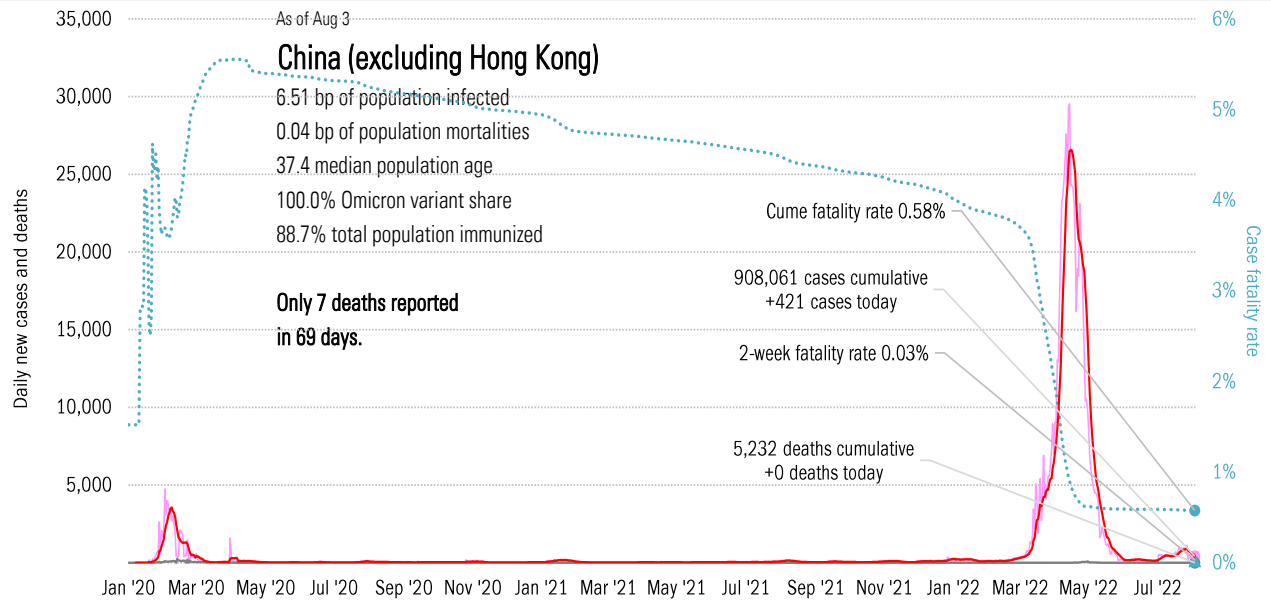
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

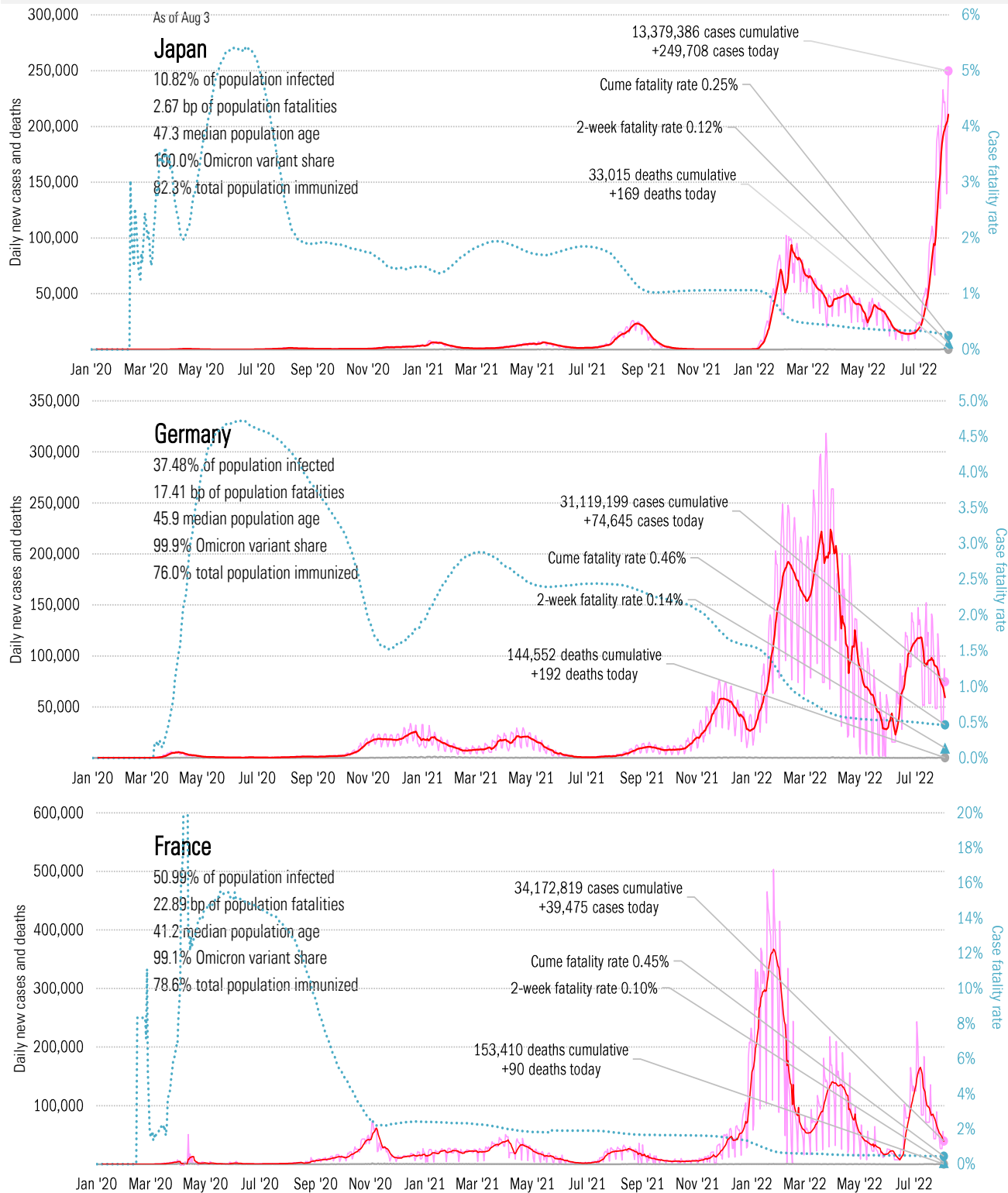
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

Cases: 7-day average and daily Deaths: Daily

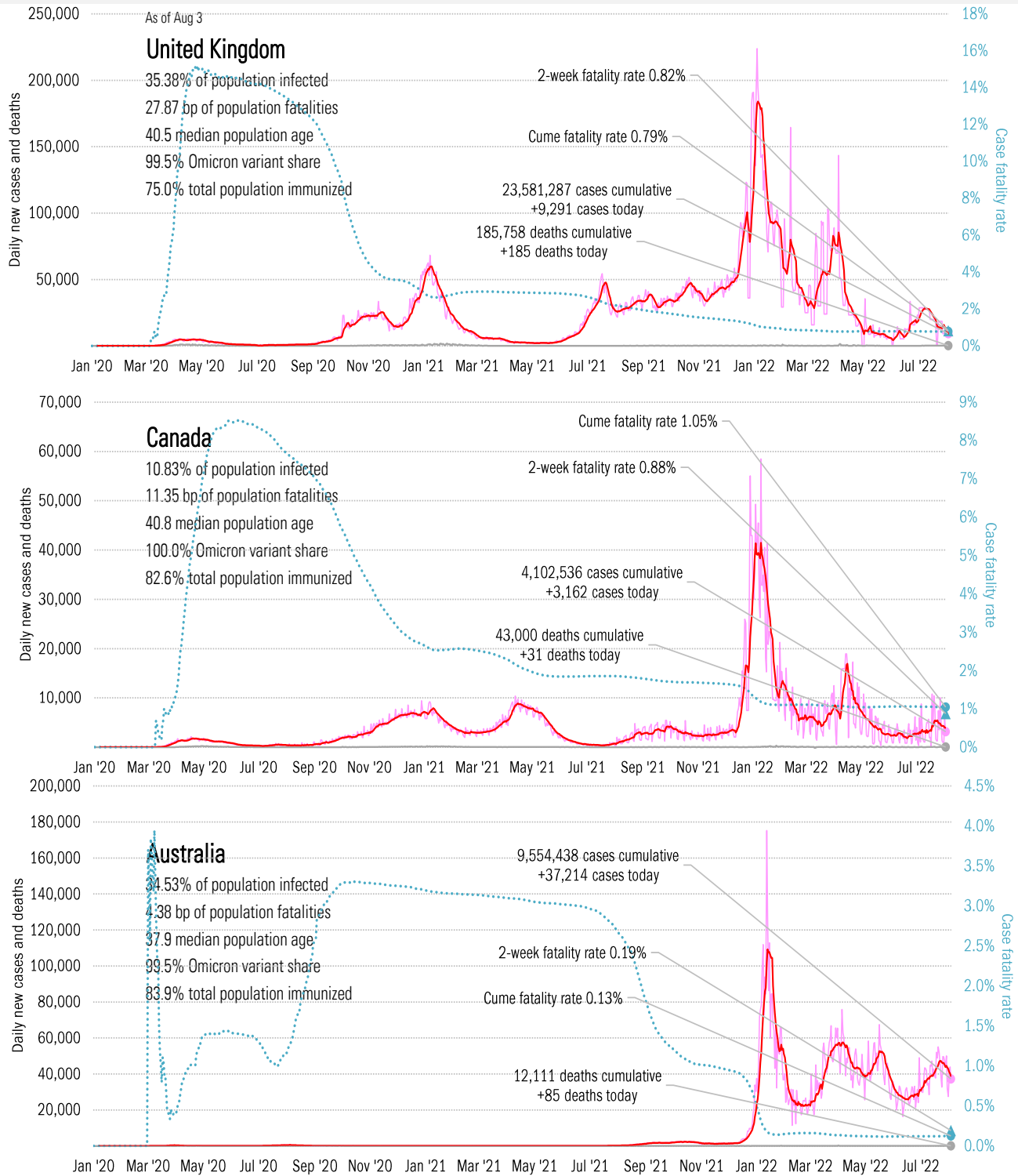


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in The Anglosphere

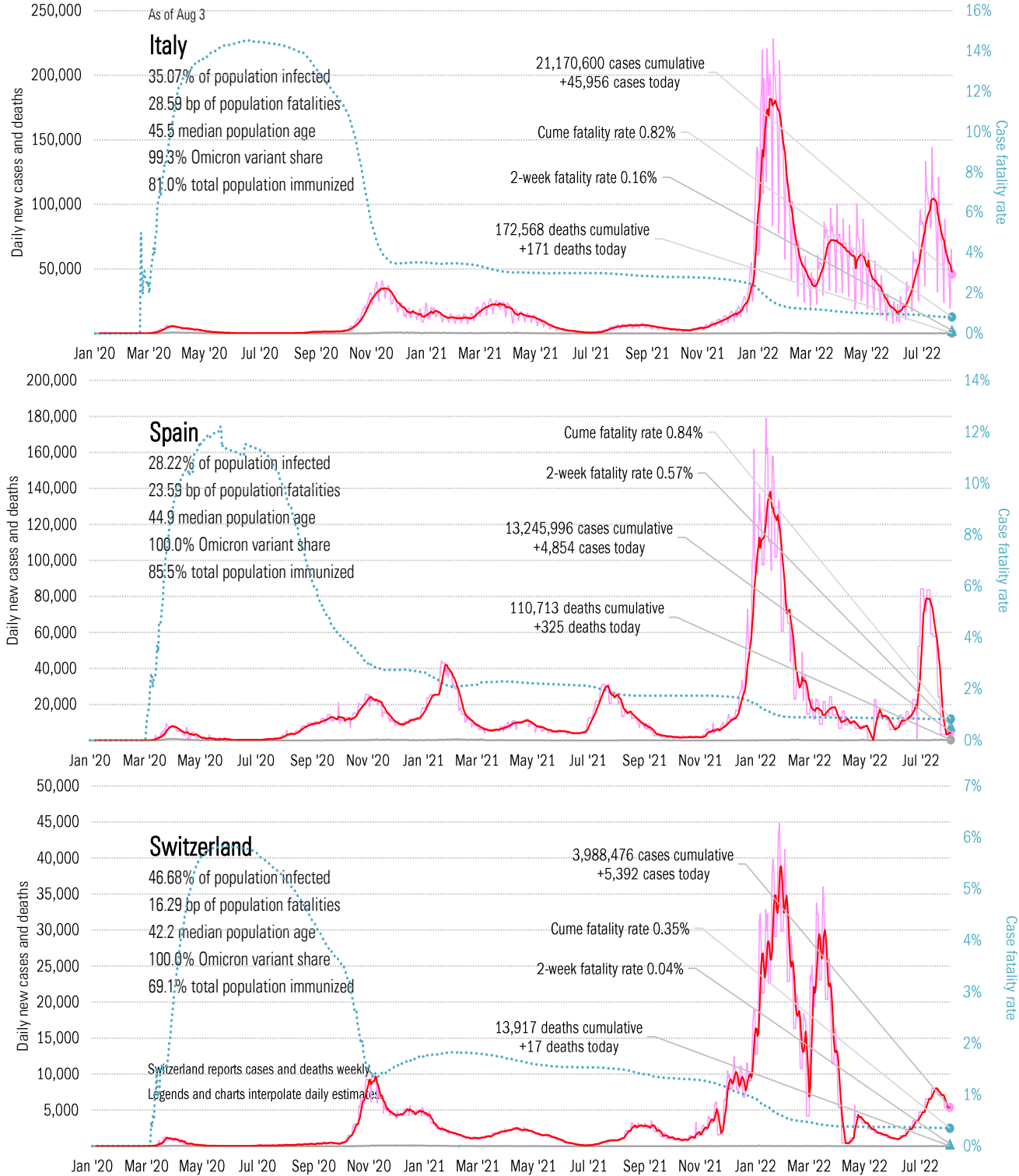
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

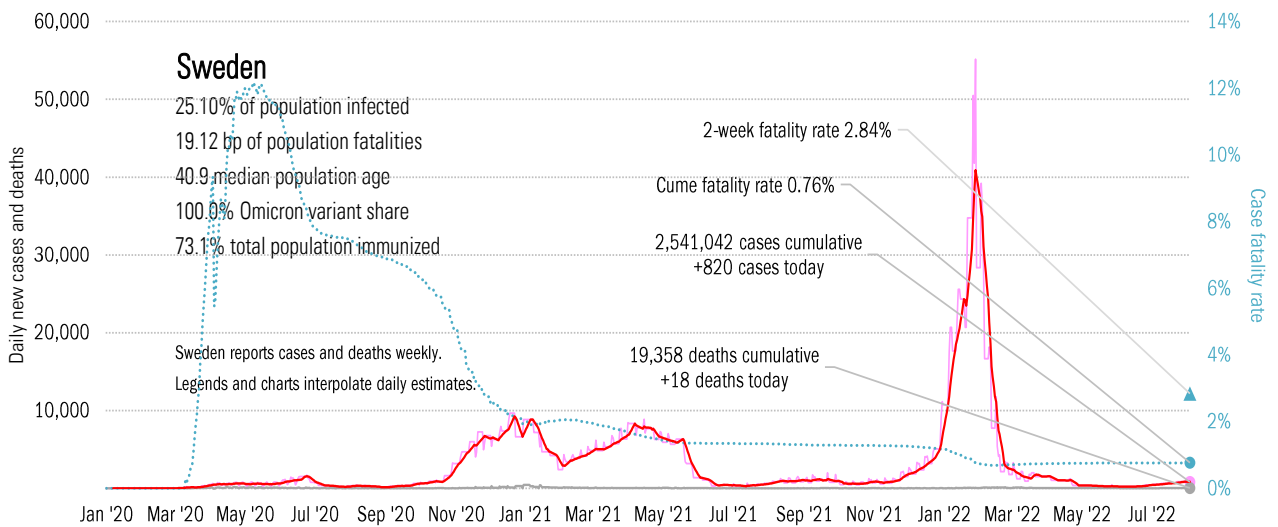
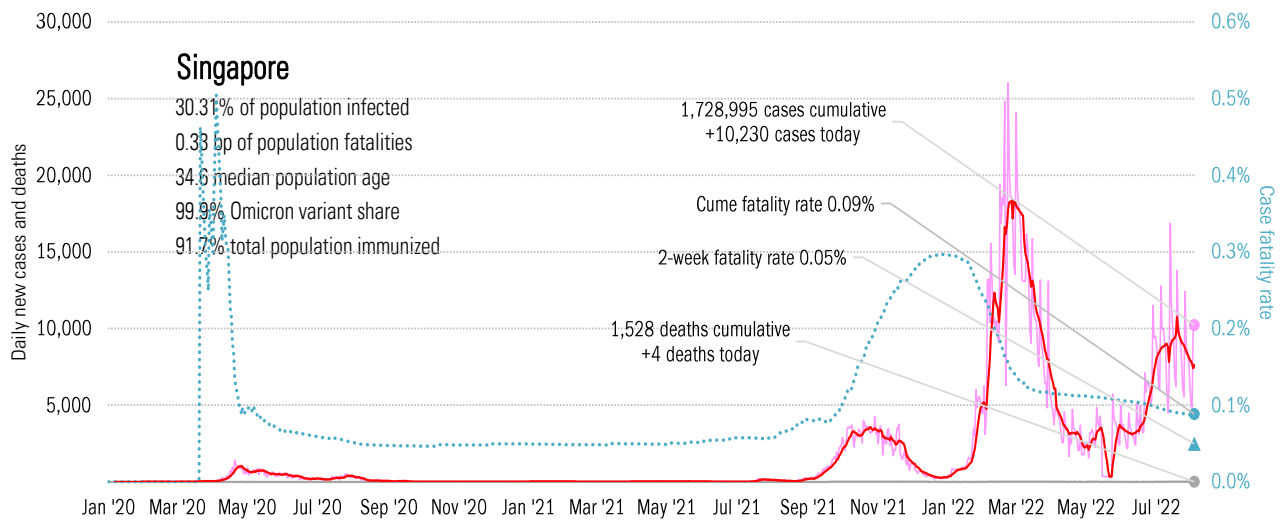
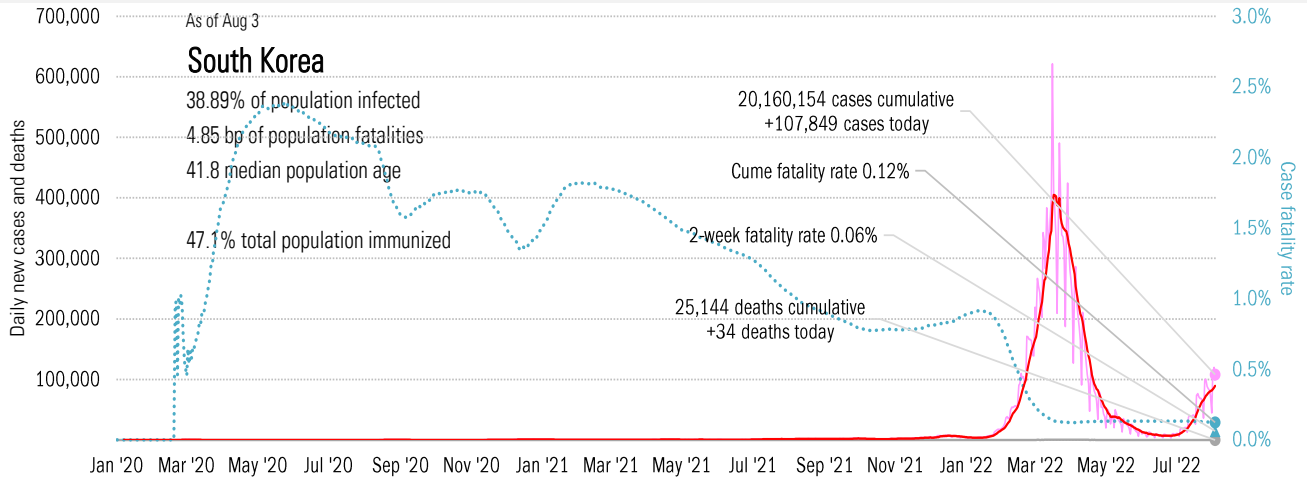
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

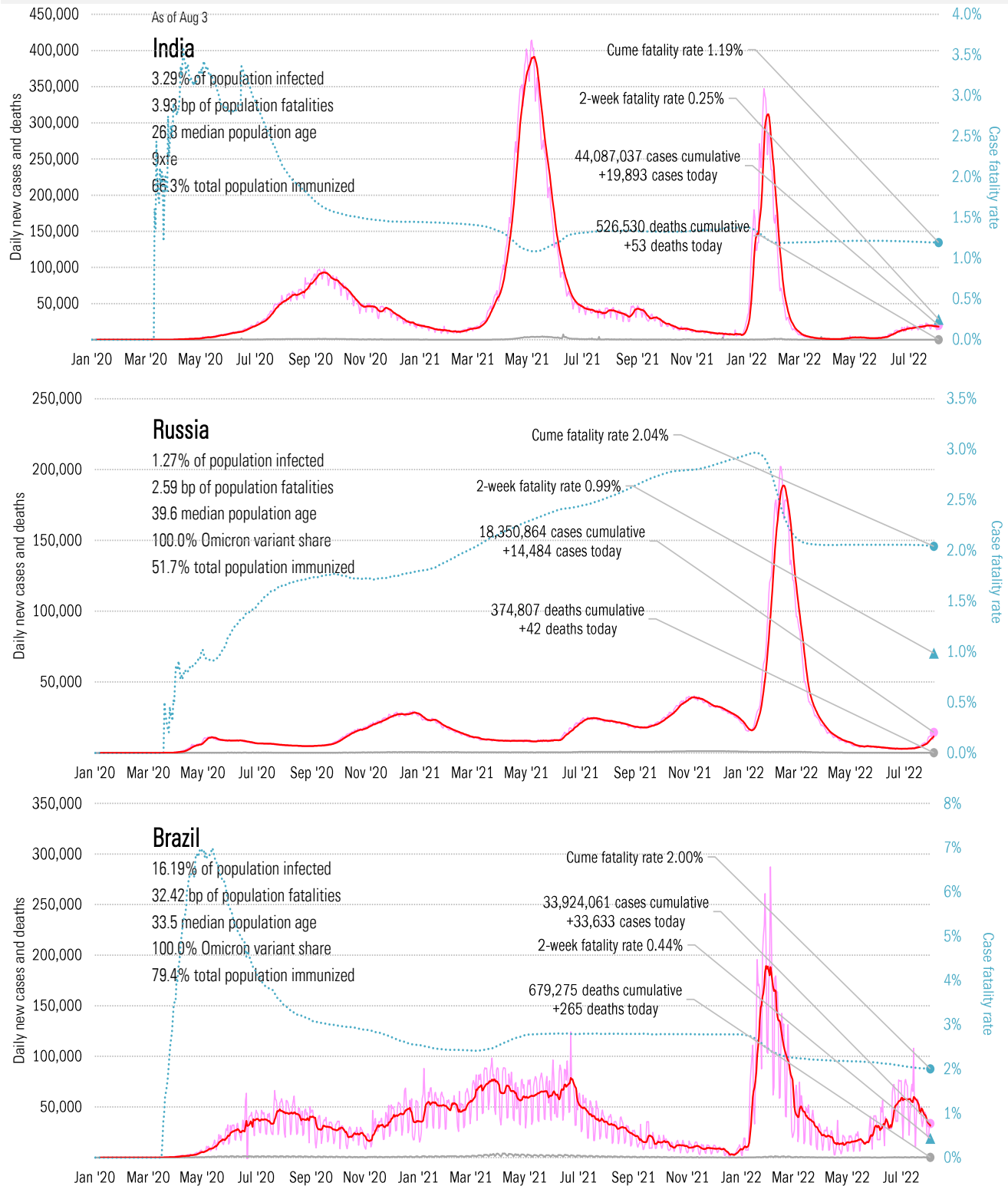
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

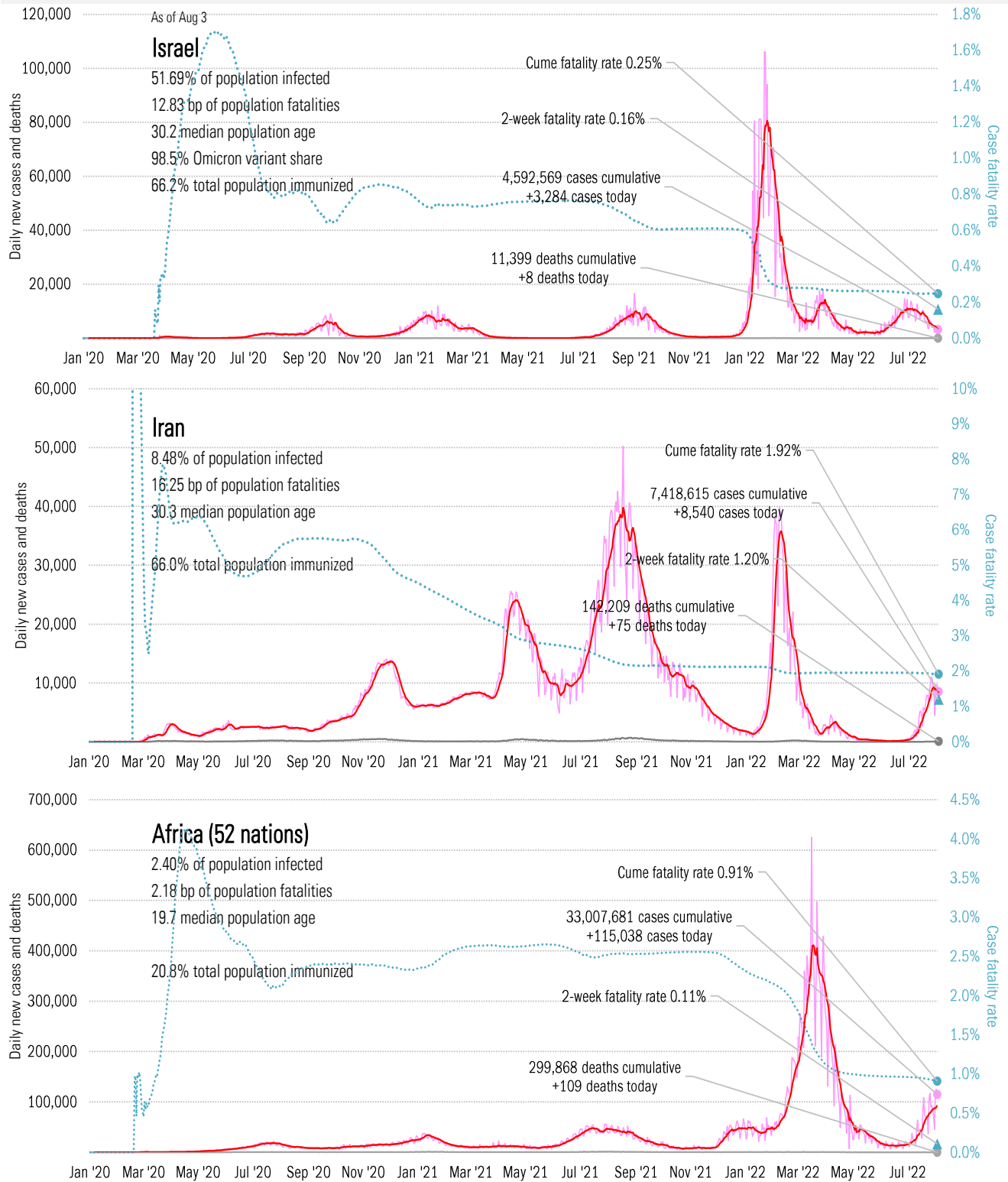
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

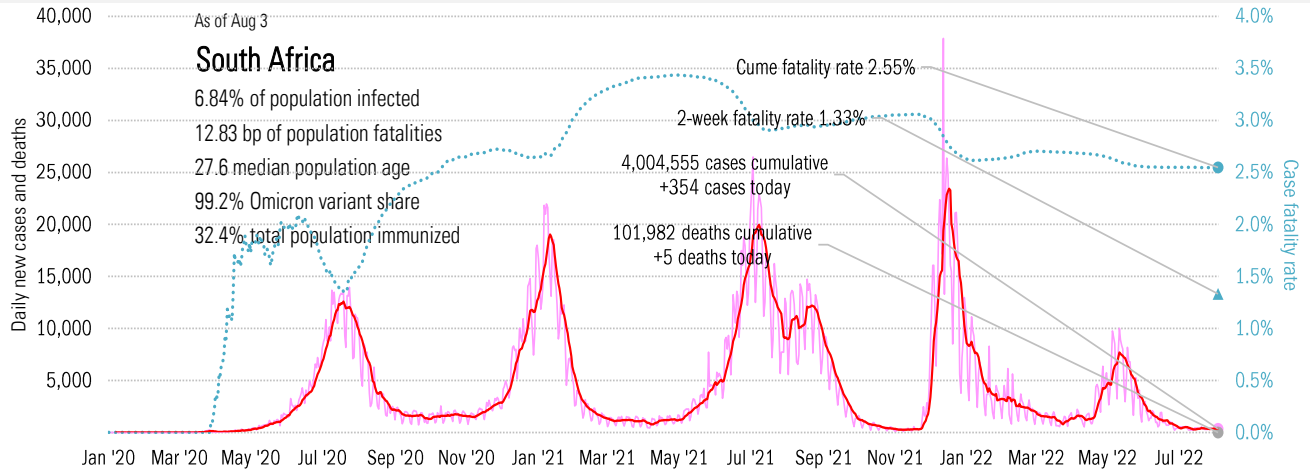
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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