

## Data Insights: Covid-2019 Monitor

Sunday, July 3, 2022

### The global scorecard

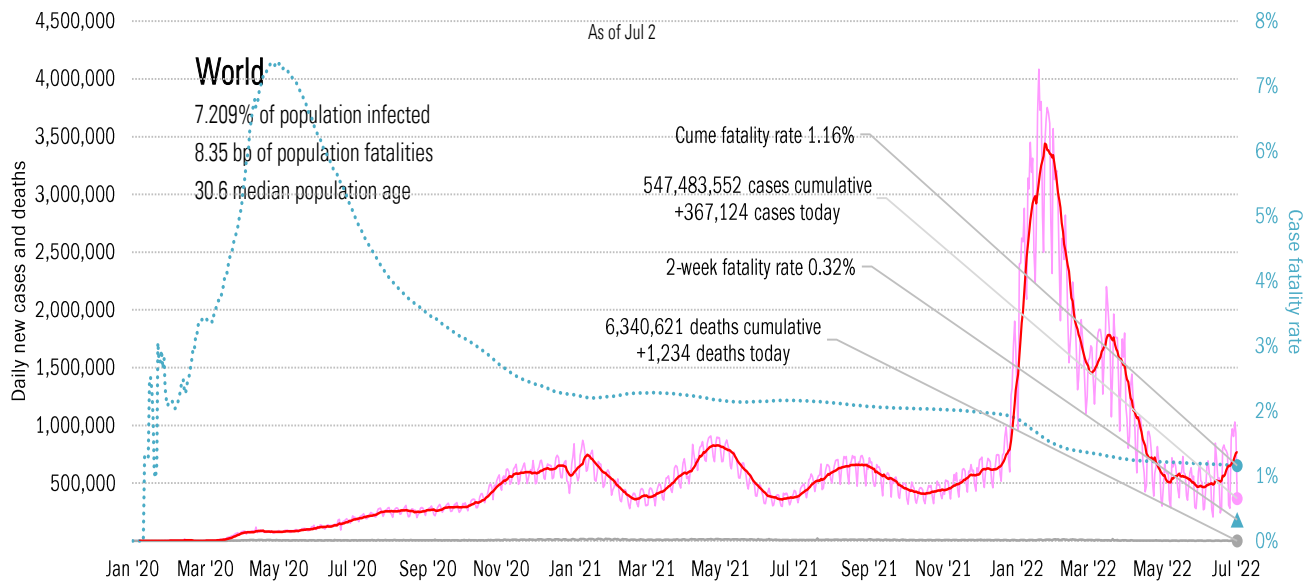
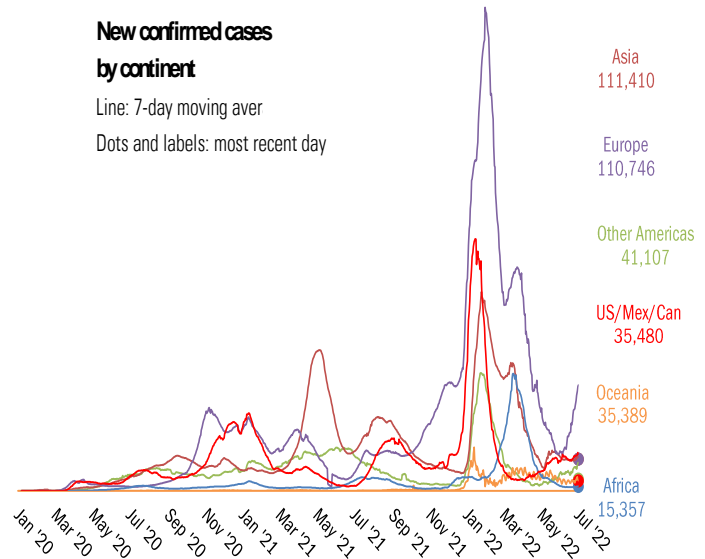
Cases: 7-day average and daily Deaths: Daily

#### 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
<b>301,277</b>		<b>1,065</b>	
World	367,124	World	1,234
Top ten	82%	Top ten	86%

#### 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

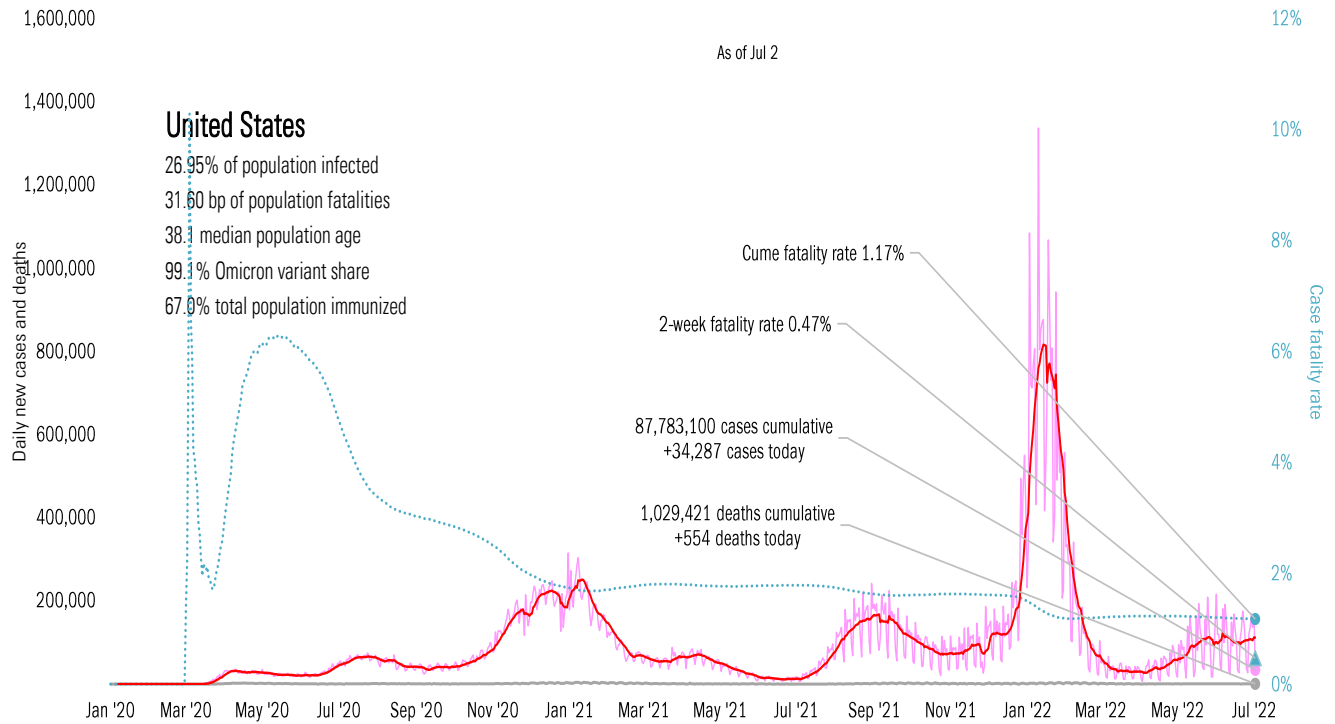
New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use			
FL	15,276		FL	45		TX	504		CA	10,157,114		CA	92,386		TX	505,184		RI	91%	NM	88%		
NY	7,232		AZ	9		GA	185		TX	7,202,665		TX	88,735		CA	451,191		MA	87%	RI	86%		
FR	5,516		CA	1		FL	691		FL	6,485,367		FL	75,925		FL	444,567		WA	85%	VT	84%		
NJ	3,516		PA	162		PA	162		NY	5,622,208		NY	69,698		NY	271,219		MN	85%	TX	83%		
AZ	2,516		AL	113		AL	113		IL	3,435,405		PA	45,766		GA	210,173		MO	83%	WA	83%		
AR	1,516		IL	221		IL	221		PA	3,006,257		CH	38,852		CH	200,113		PA	82%	NC	81%		
CT	692		ME	1		OK	57		NC	2,867,218		IL	38,601		PA	187,154		DC	81%	NE	81%		
ME	208		AK	0		TN	110		CH	2,848,453		GA	38,579		IL	168,905		MD	81%	MA	81%		
VI	32		AL	0		VA	111		GA	2,647,568		MI	36,918		MI	150,080		NH	81%	UT	79%		
AK	0		AS	0		NC	133		MI	2,606,431		NJ	34,064		KY	136,228		DE	81%	MN	79%		
<b>34,287</b>			<b>83</b>			<b>2,287</b>			<b>46,878,686</b>			<b>559,524</b>			<b>2,724,814</b>								
<b>All states</b>			<b>554</b>			<b>5,360</b>			<b>All states</b>			<b>1,029,421</b>			<b>4,949,700</b>			<b>All states</b>		<b>70%</b>		<b>67%</b>	
<b>Top ten</b>			<b>15%</b>			<b>43%</b>			<b>Top ten</b>			<b>55%</b>			<b>55%</b>			<b>Median</b>		<b>75%</b>		<b>73%</b>	

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

Some states not reporting

## Five most improved US states

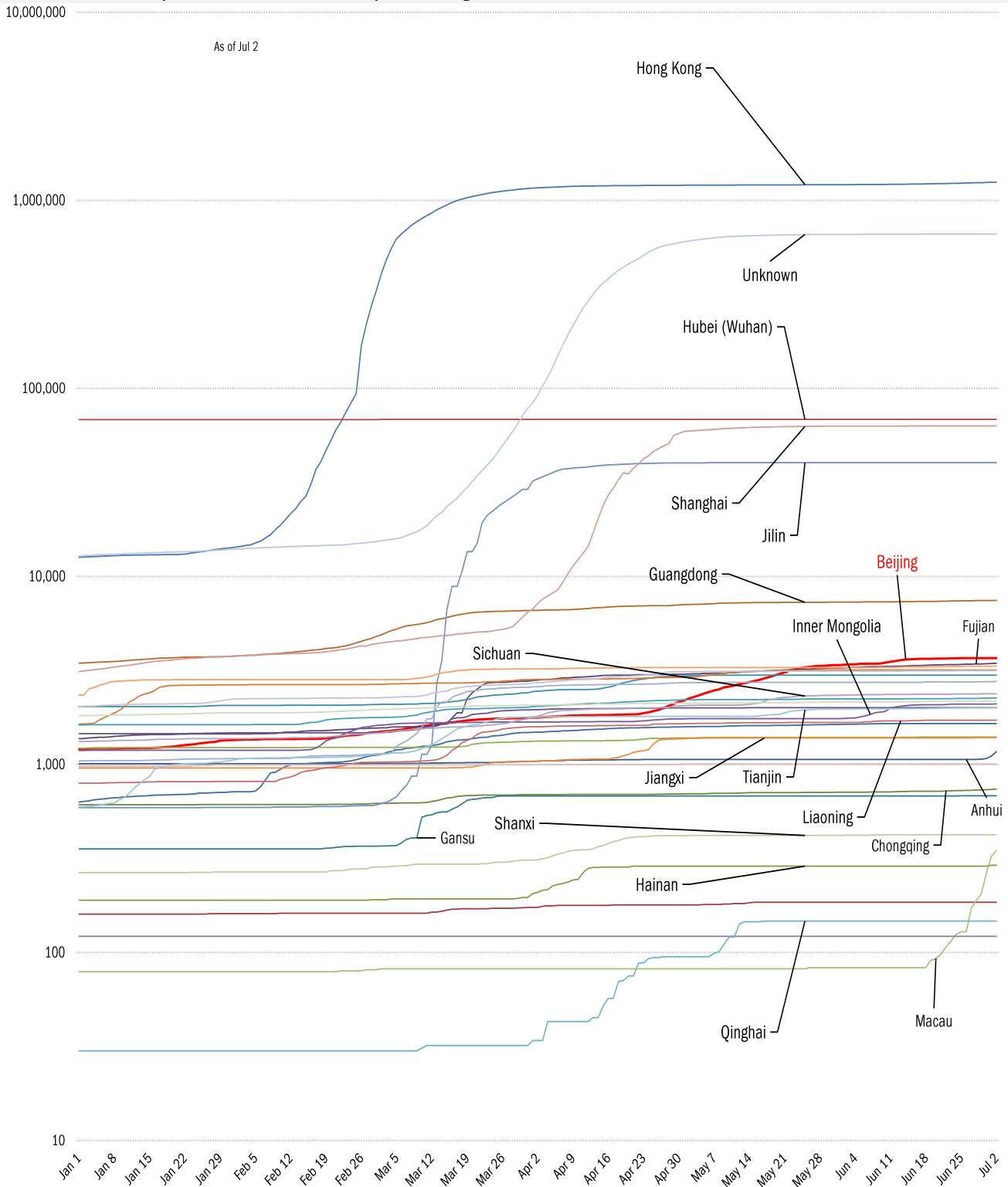
Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
CA -55,283	CA -137	CA -142	PA +344 bp
TX -12,853	MO -42	AZ -54	WY +340 bp
MO -10,351	WA -36	CH -45	MO +337 bp
WA -7,149	FL -35	SC -37	AZ +335 bp
IL -4,562	VA -32	NY -36	ID +326 bp



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"*



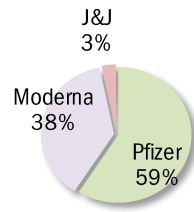
Source: [Johns Hopkins](#), TrendMacro calculations

# Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	611,219,538	+0.273 million	US	66.9%	78.1%
of which boosters	108,244,239	+0.258 million	UK	73.5%	78.6%
	<b>One dose</b>	<b>% Pop</b>	<b>Immune</b>	<b>% pop</b>	<b>New immune today</b>
Total population	267,952,785	80%	228,544,890	68%	+0.011 million
Age 12 to 17	17,933,269	71%	15,342,644	61%	+0.002 million
Age 18 to 64	179,772,602	88%	152,575,922	75%	+0.013 million
Age 65 and over	59,401,488	100%	51,938,445	95%	+0.013 million

France	78.5%	80.8%
Spain	86.8%	88.3%
Germany	75.5%	77.1%
Italy	79.4%	84.2%
Australia	84.0%	86.7%
Israel	66.1%	72.3%
Canada	82.6%	86.1%
Japan	81.2%	82.3%
Africa	18.5%	23.7%
India	65.6%	73.0%
Brazil	78.9%	86.3%
China	87.3%	89.6%



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

\*Immunity\* = two doses

AK	70.6%
	62.7%

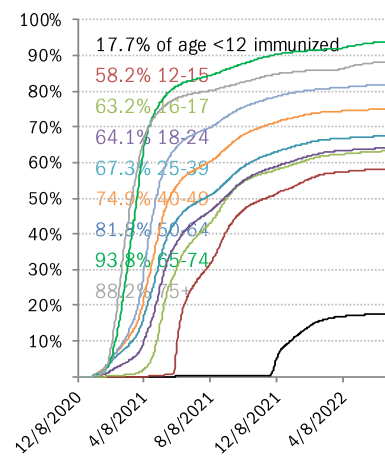
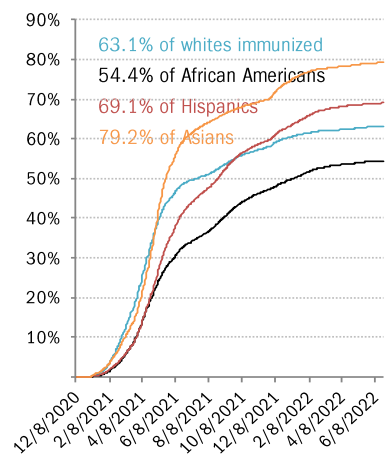
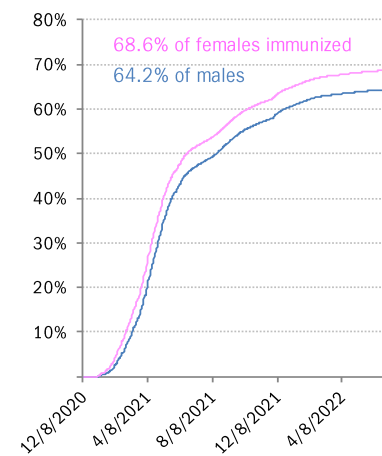
WI	72.4%
	66.1%

ME	91.9%
	80.5%

As of Jun 30

WA	81.7%	73.0%	ID	62.3%	55.8%	MT	65.8%	57.3%	ND	66.2%	56.1%	MN	75.7%	69.7%	IL	76.3%	69.0%	MI	67.5%	60.7%	NY	91.1%	77.8%	VT	94.6%	82.0%	NH	89.6%	71.6%			
OR	78.6%	70.2%	NV	76.2%	61.4%	WY	58.7%	51.4%	SD	77.7%	62.6%	IA	68.4%	62.4%	IN	62.6%	56.4%	OH	63.7%	58.8%	PA	86.2%	69.6%	NJ	91.4%	76.5%	MA	95.0%	80.0%			
CA	83.0%	72.8%	UT	72.8%	64.8%	CO	80.2%	70.8%	NE	70.9%	64.1%	MO	66.8%	56.7%	KY	66.7%	57.9%	WV	65.6%	58.1%	VA	86.8%	73.8%	MD	87.6%	76.5%	CT	95.0%	80.1%	RI	95.0%	83.7%
			AZ	74.3%	62.4%	NM	89.1%	72.0%	KS	73.1%	62.6%	AR	67.4%	55.0%	TN	62.7%	54.9%	NC	85.8%	62.5%	SC	68.5%	57.7%	DC	95.0%	76.2%	DE	84.2%	70.1%			
			OK	71.8%	57.9%	LA	61.5%	53.9%	MS	60.2%	52.3%	AL	63.3%	51.6%	GA	66.1%	55.4%				FL	80.2%	67.6%	PR	95.0%	83.6%						
			HI	88.5%	79.0%	TX	74.4%	62.3%																								

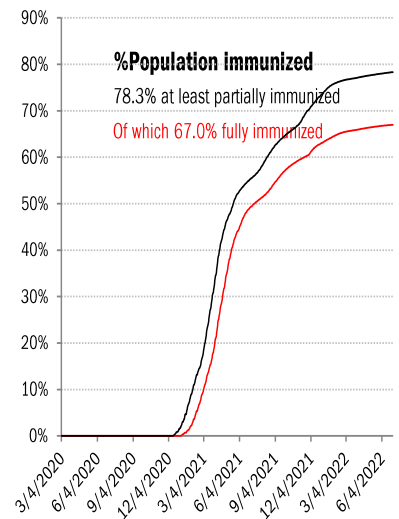
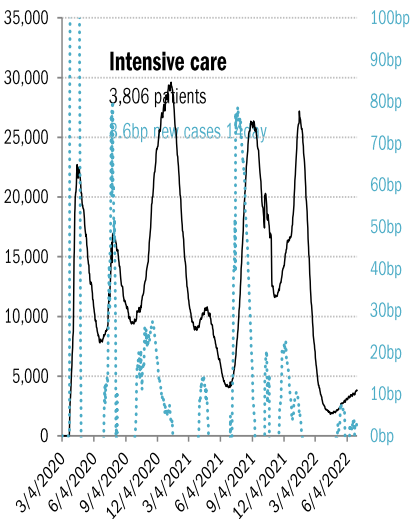
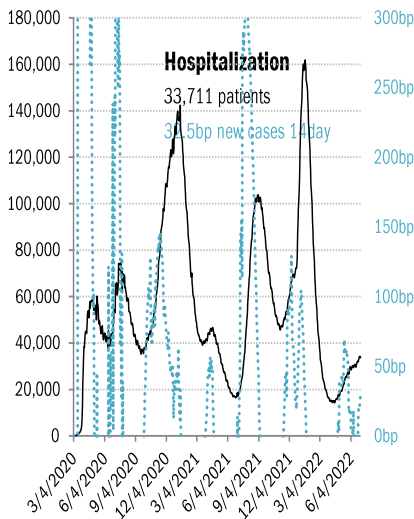
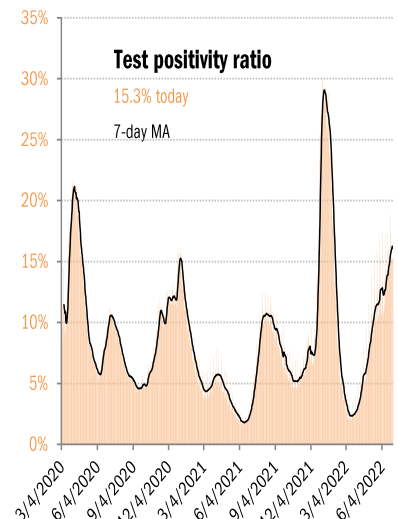
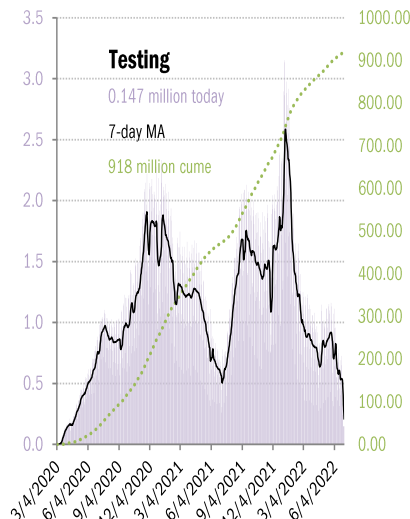
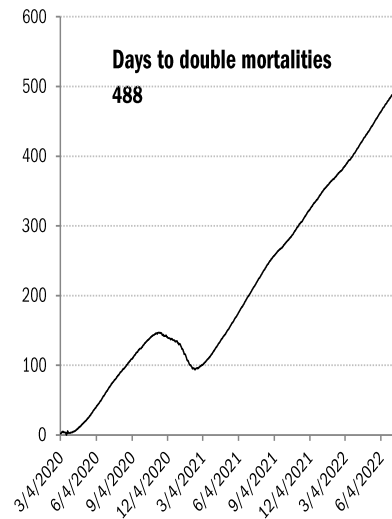
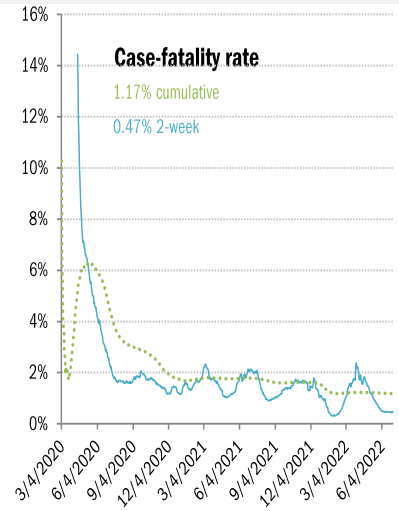
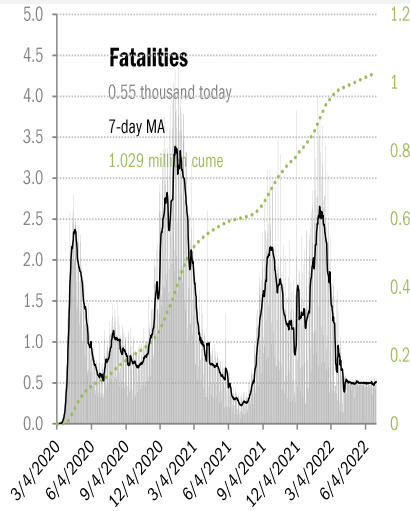
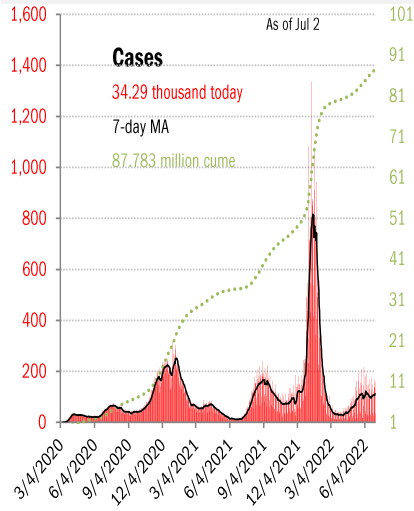
## The demographics of US vaccination



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

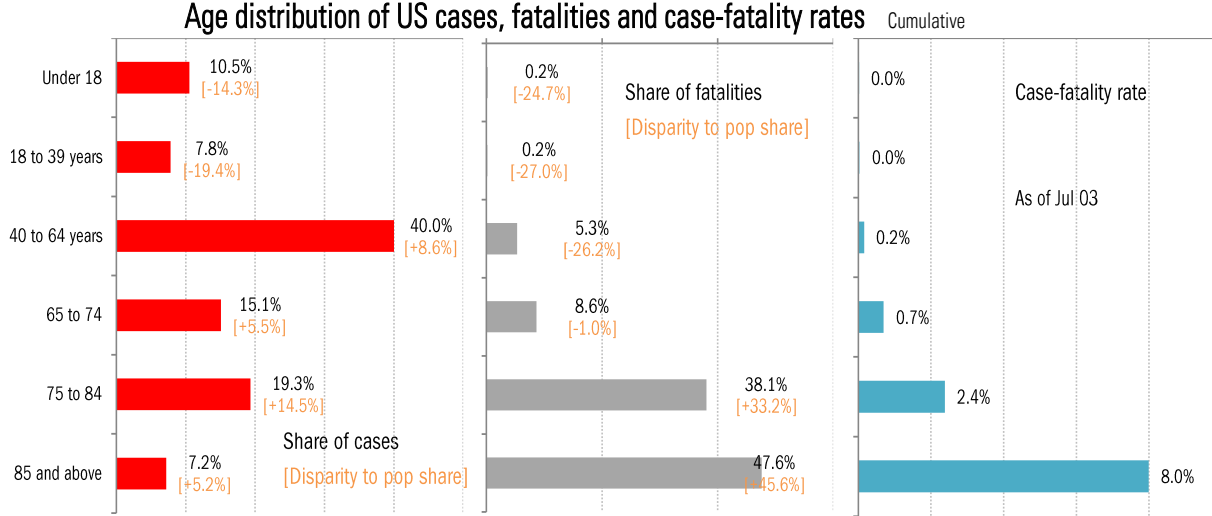
# US deep-dive

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

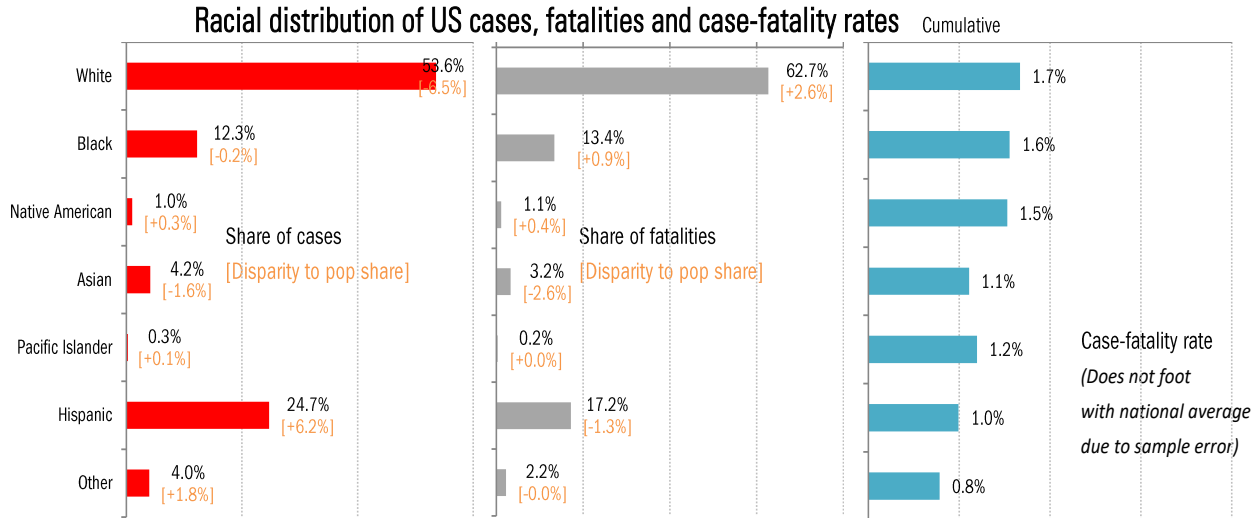


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

Age distribution of US cases, fatalities and case-fatality rates

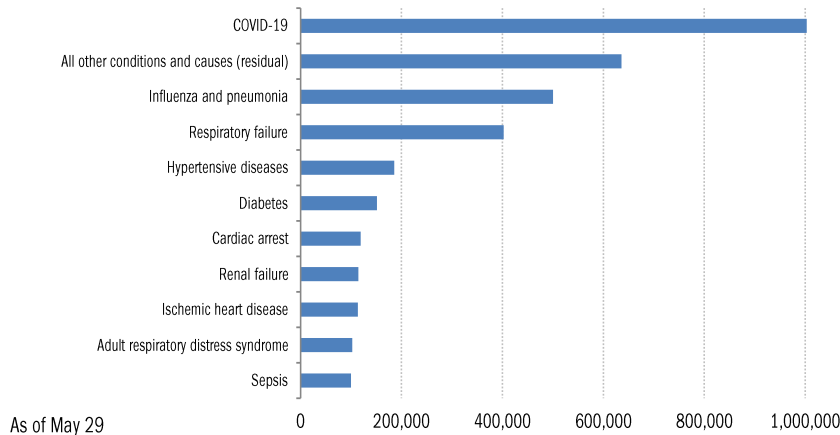


Racial distribution of US cases, fatalities and case-fatality rates



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

[Pandemic Babies Are Facing Speech & Social Development Delays. 5 Ways to Help](#)

Abigail A. Allen  
*The 74*  
July 2, 2022

[Covid shots for little kids are DOA](#)

Alex Berenson  
*Unreported Truths*  
July 2, 2022

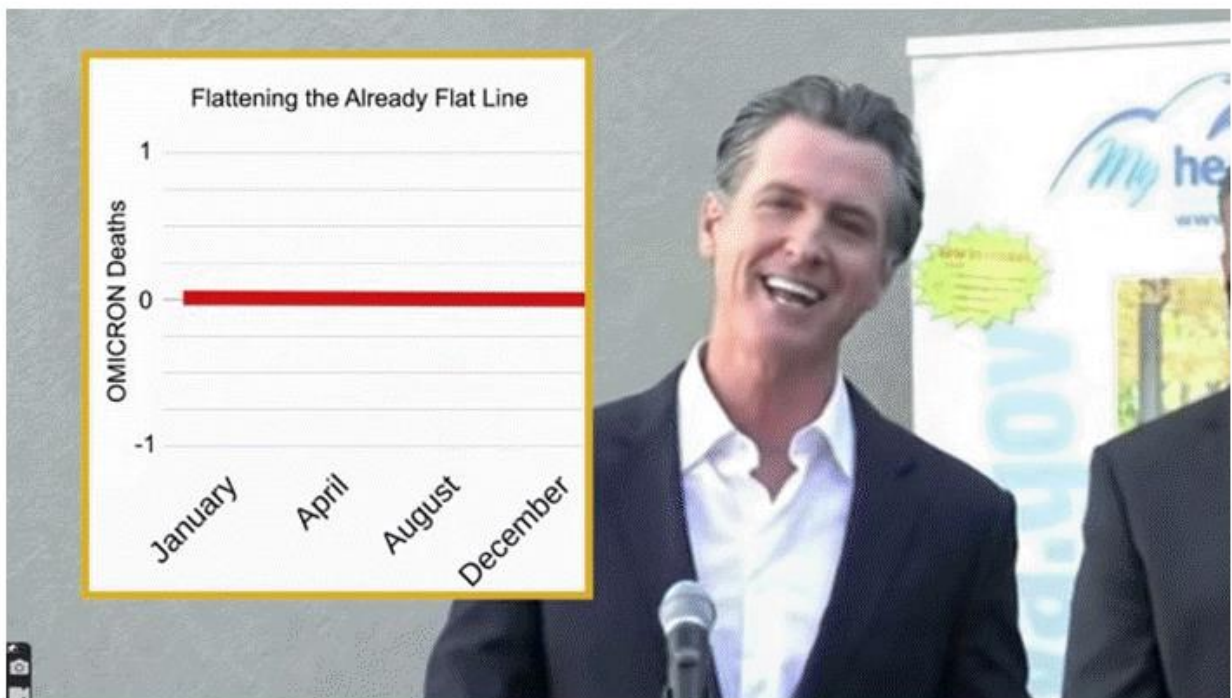
[The Fauci-Funded Peter Daszak is Now Working With Kremlin-Backed Researchers, Isolating New Coronavirus Strains.](#)

Natalie Winters  
*National Pulse*  
June 28, 2022

[Defunding Wuhan: Congress quietly bans federal funds from labs in China, Russia and Iran](#)

John Solomon  
*Just the News*  
July 2, 2022

## Meme of the day

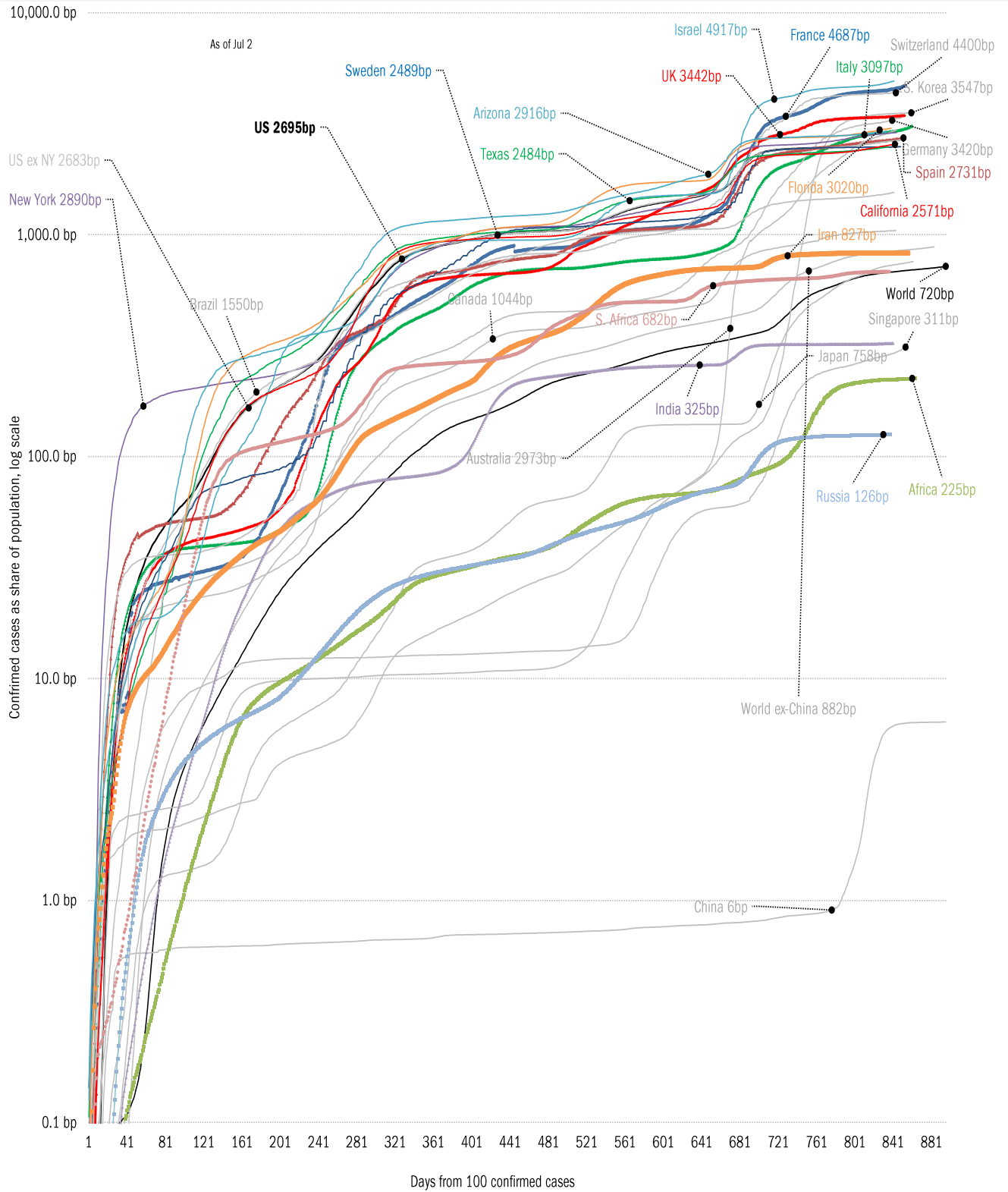


## California Institutes Mask Mandate To Flatten The Horizontal Line

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

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

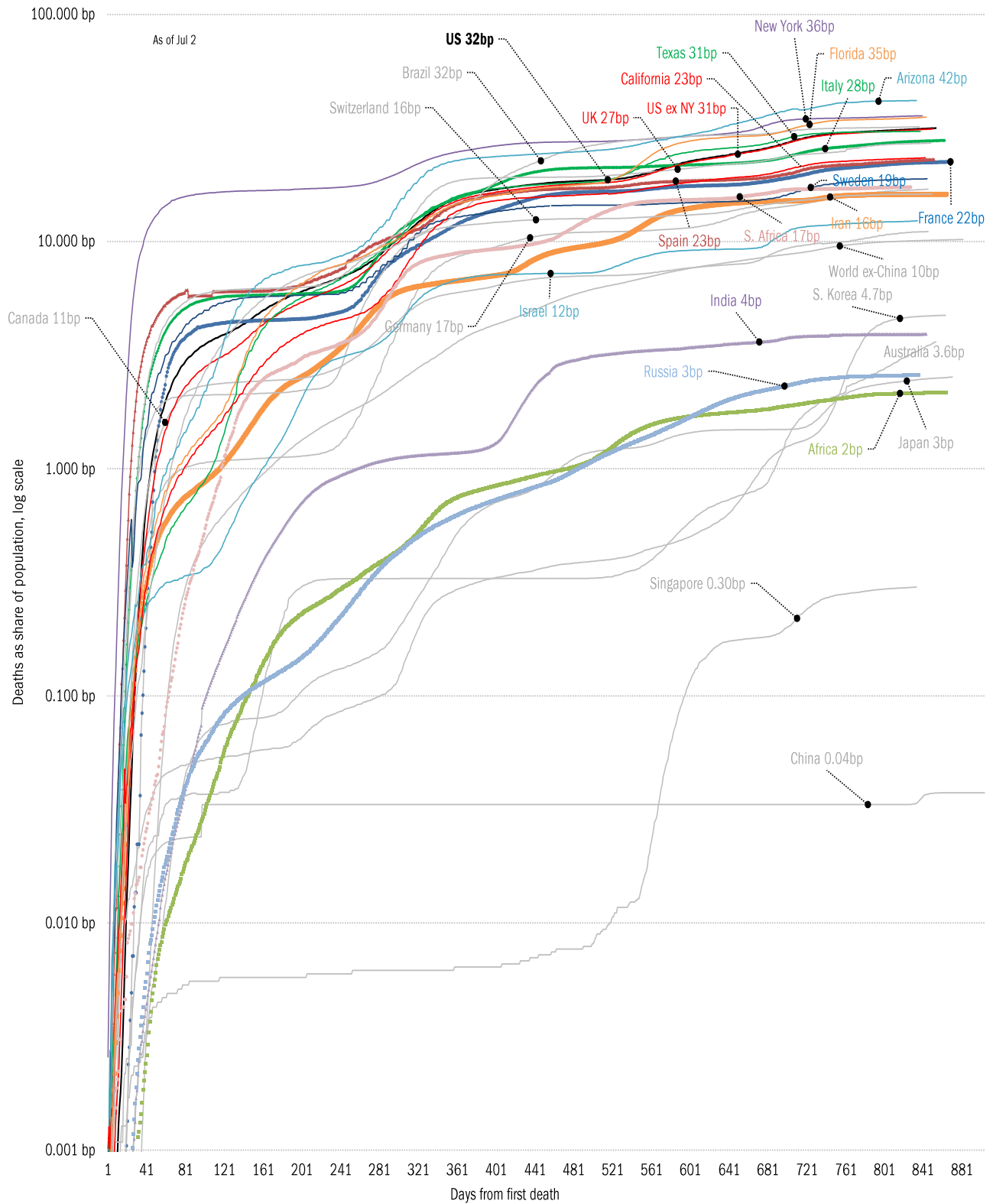
*Share of infected population from first day with 100 confirmed cases, log scale*



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*

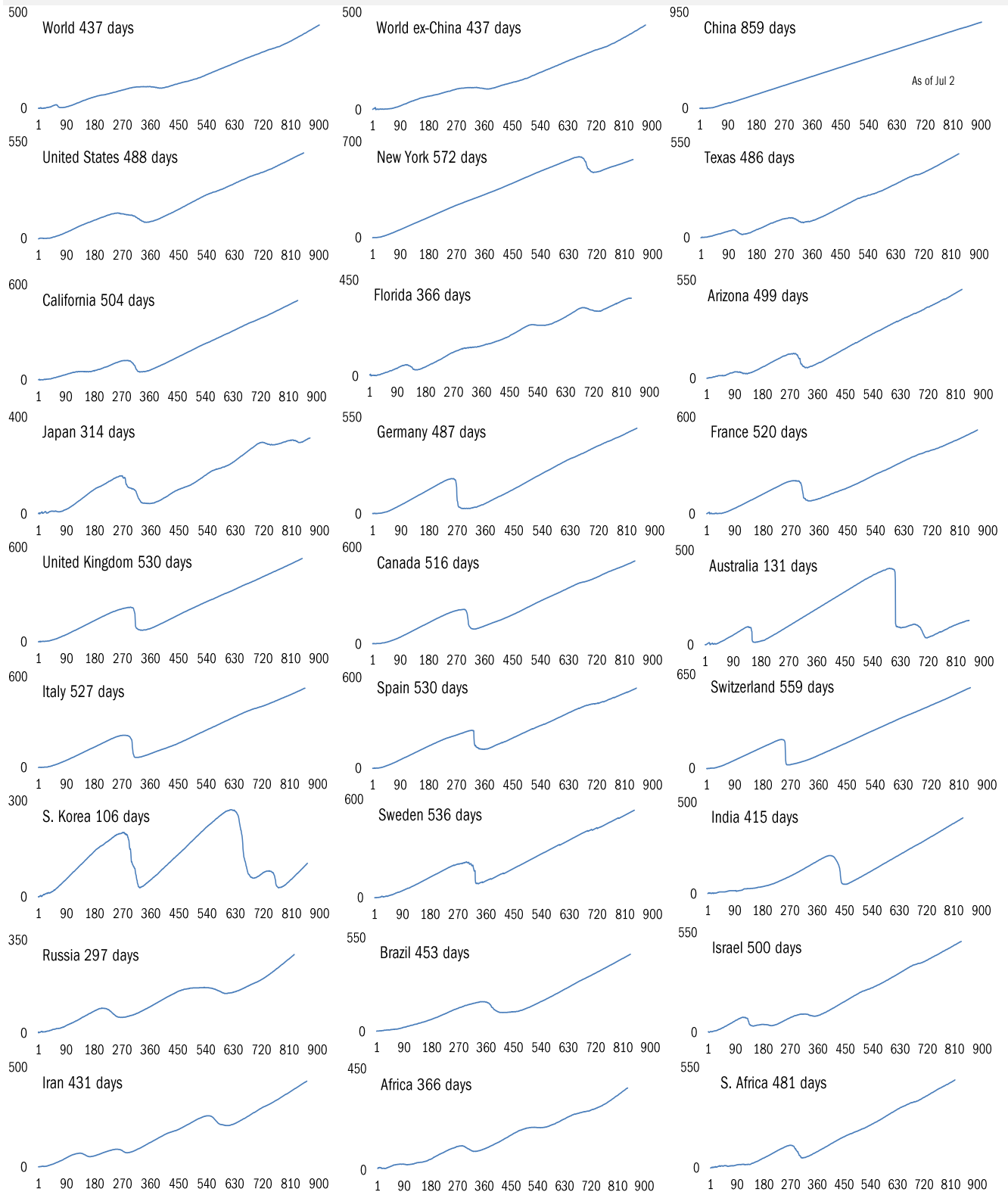


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

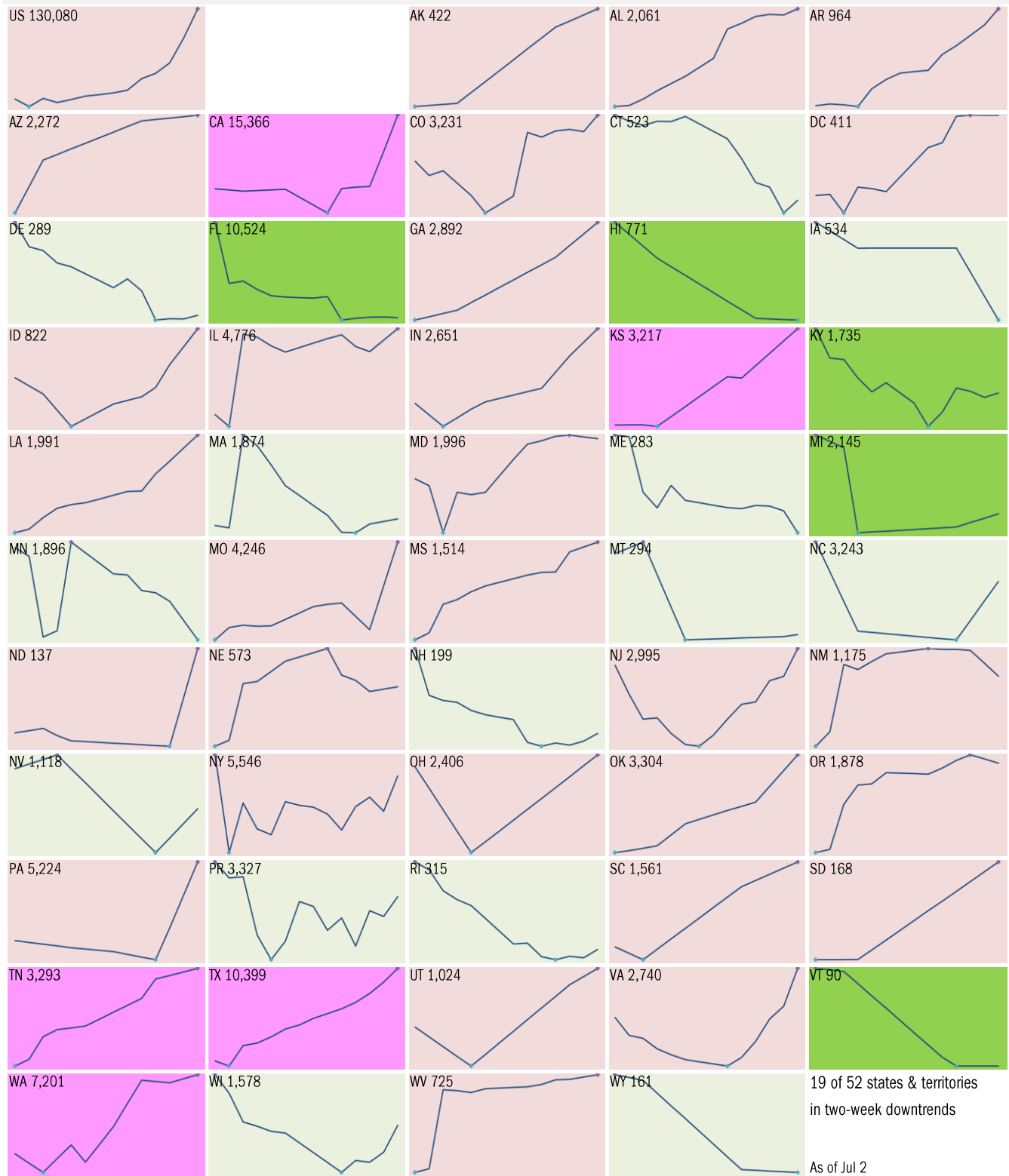


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

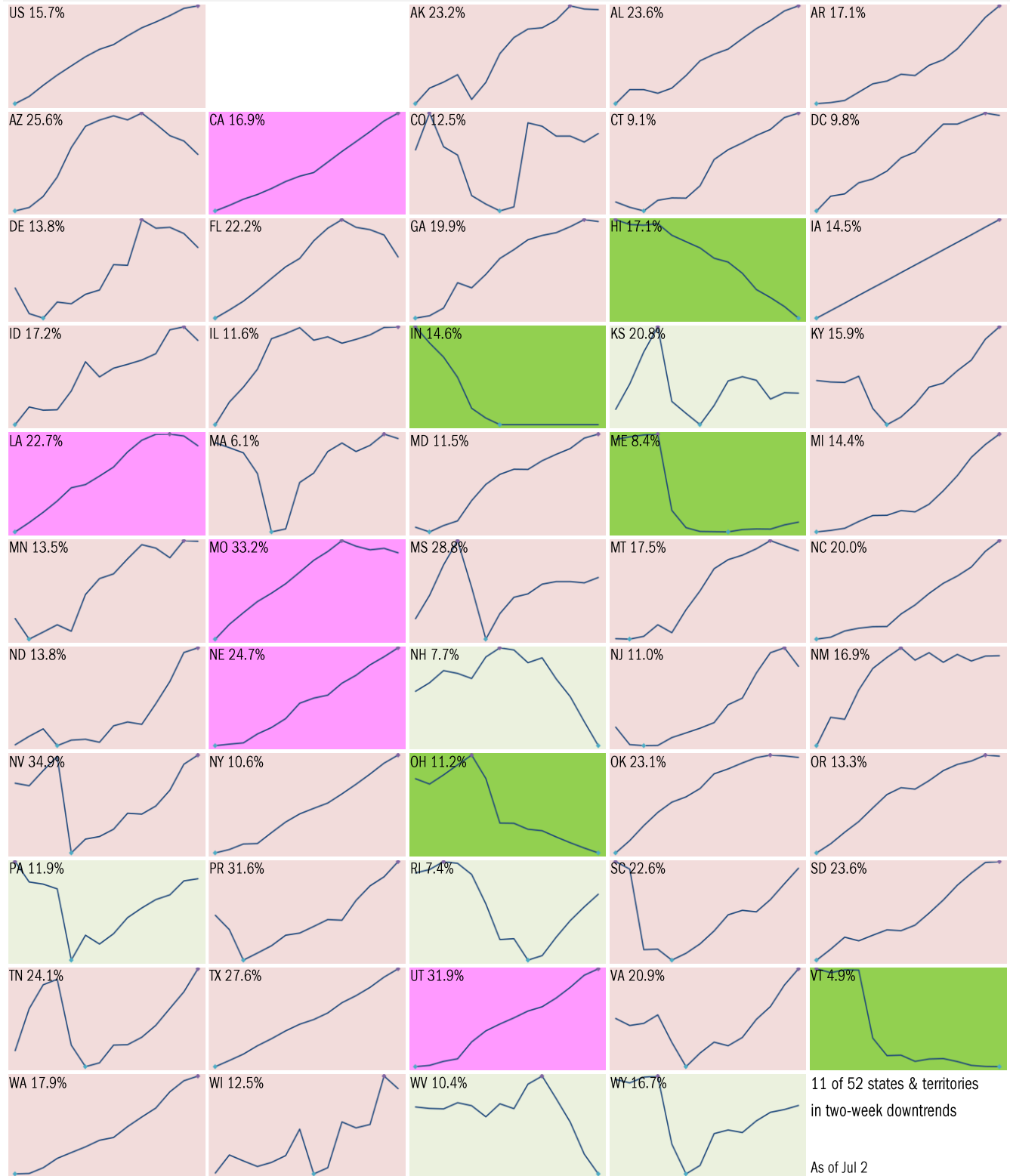


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

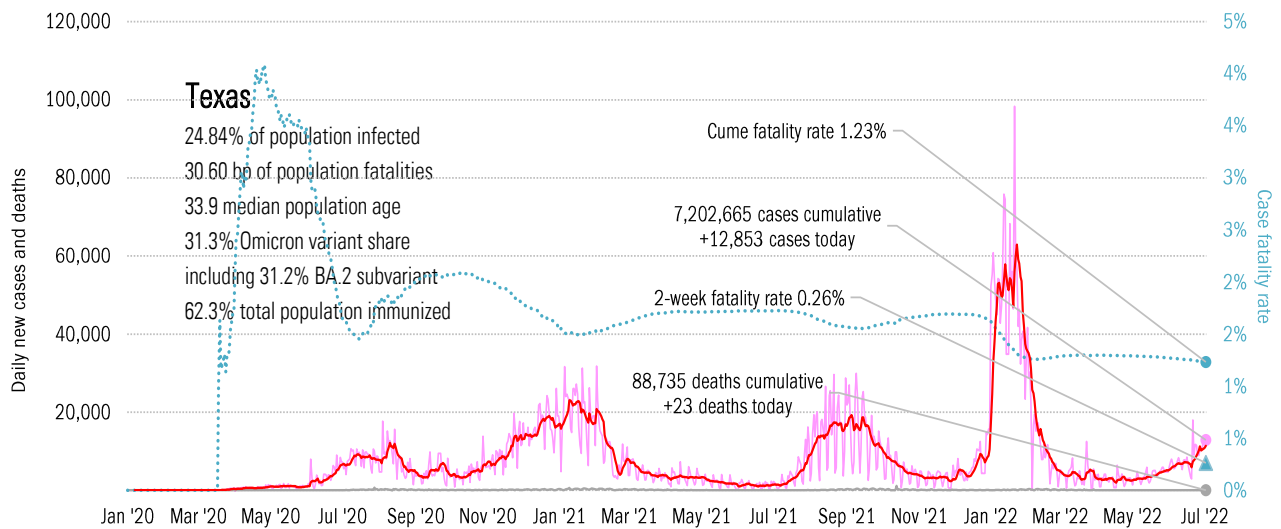
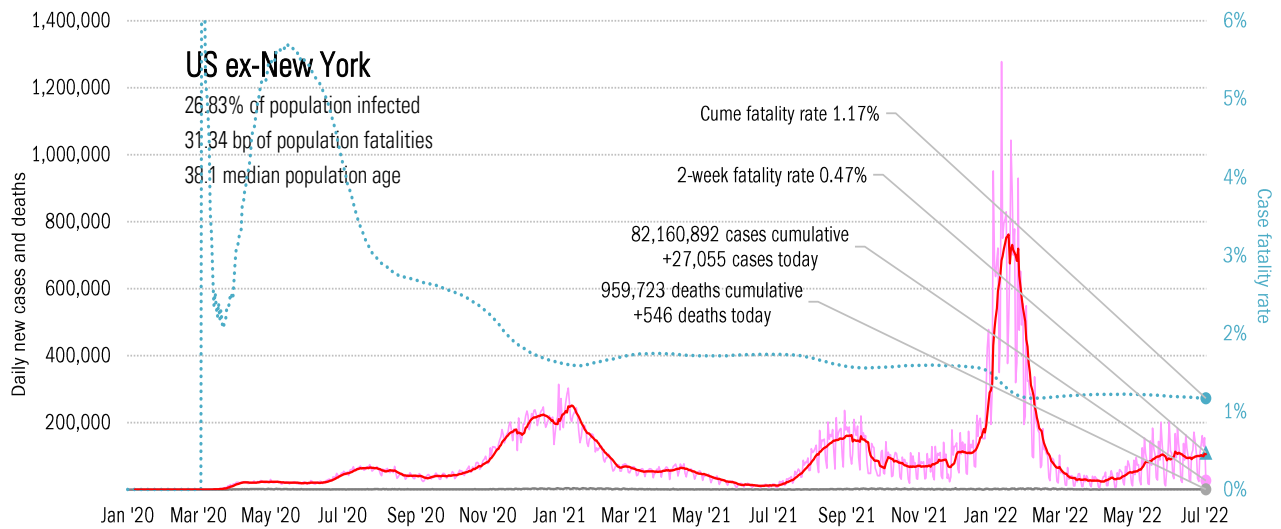
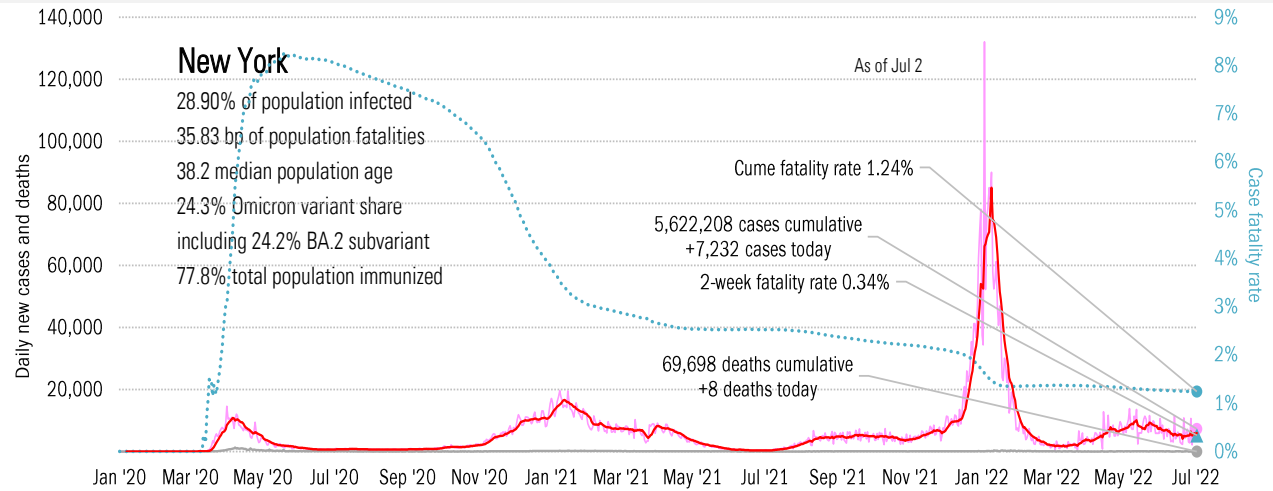
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

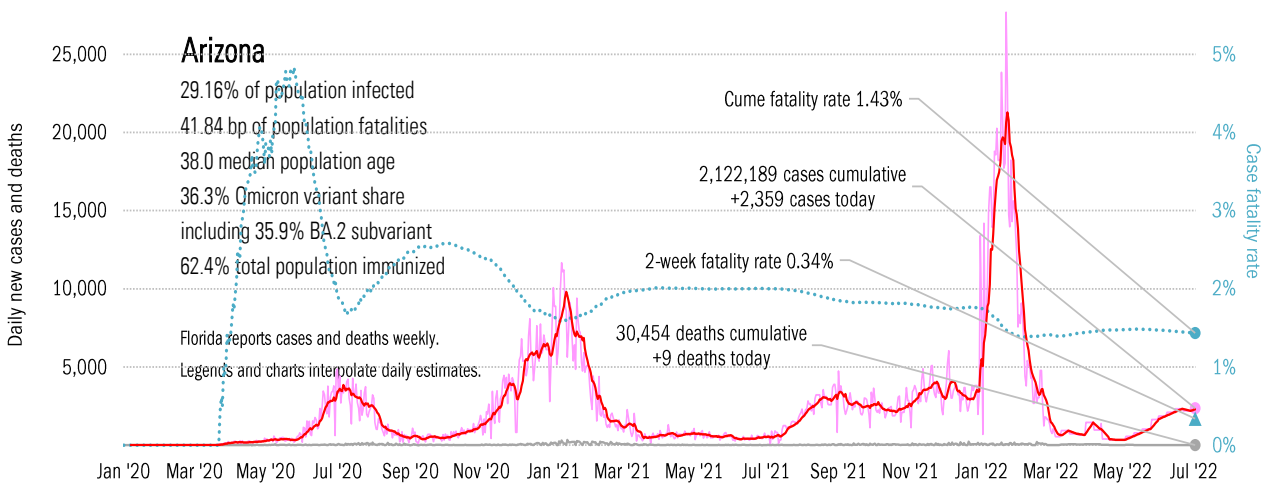
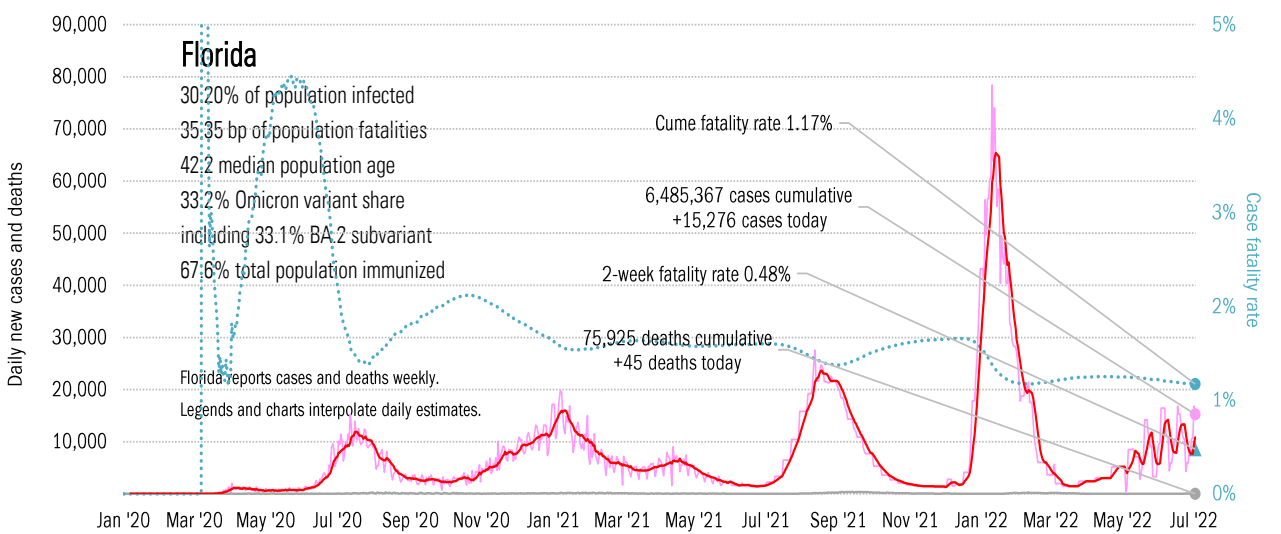
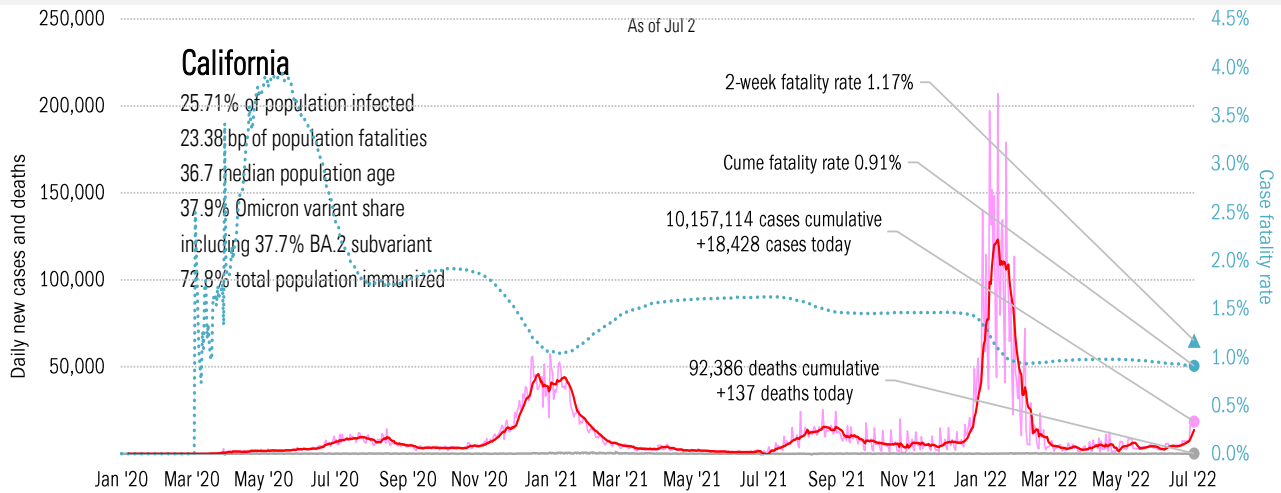
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

Cases: 7-day average and daily Deaths: Daily

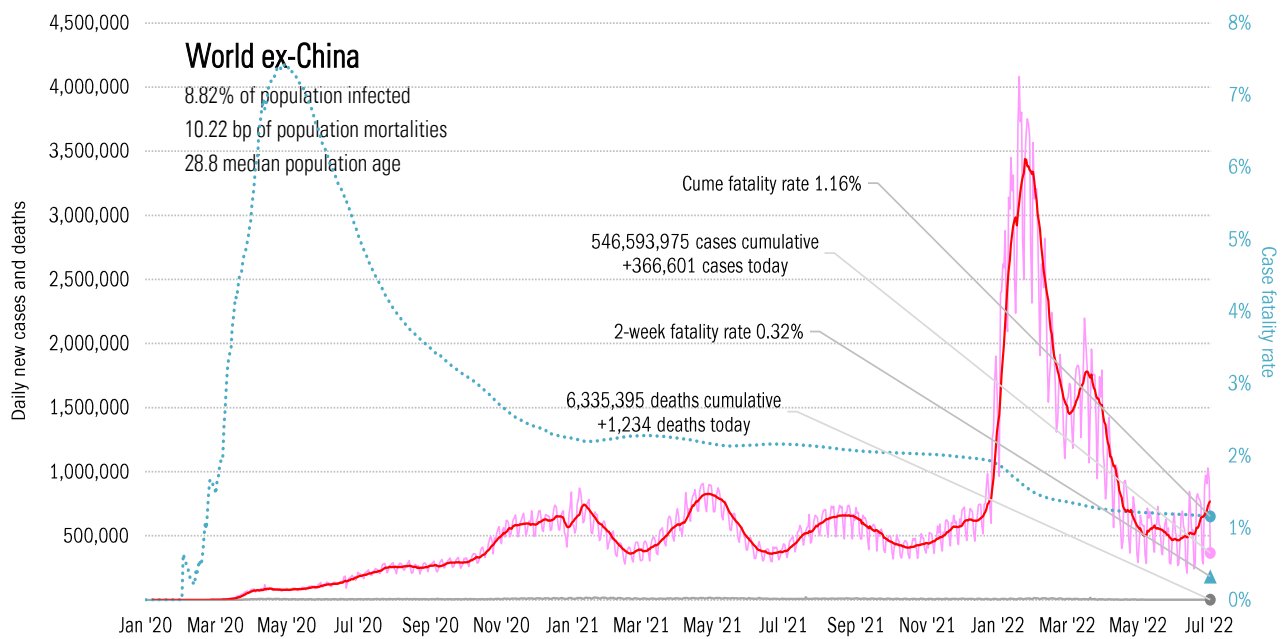
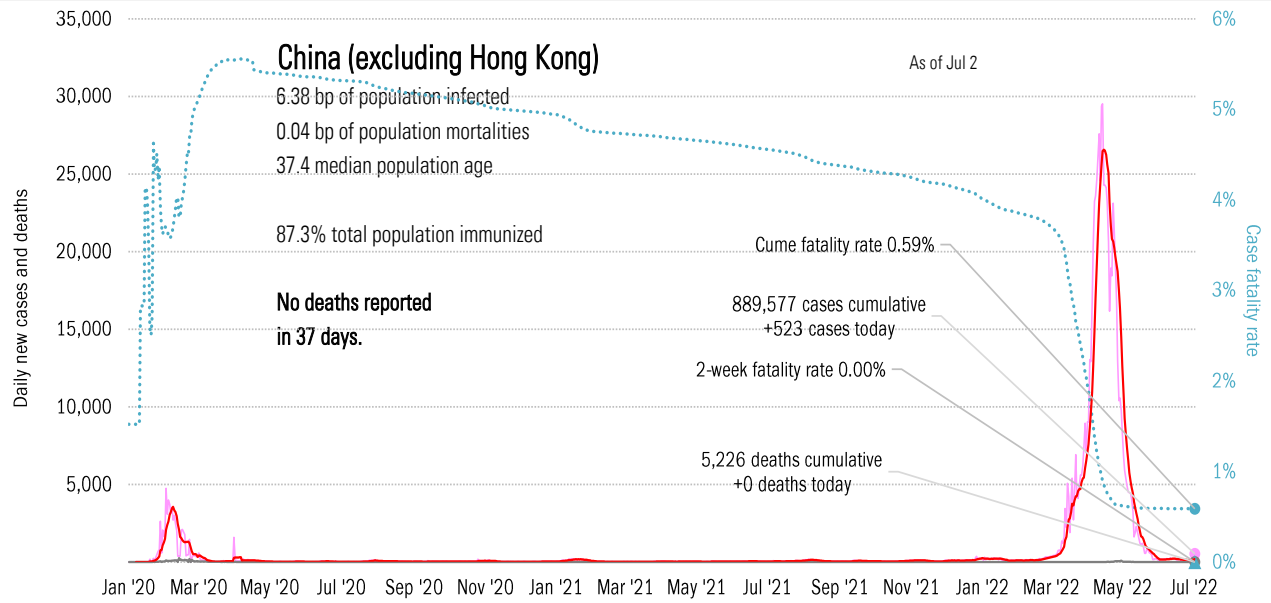


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations



# Patient zero... and then everyone else

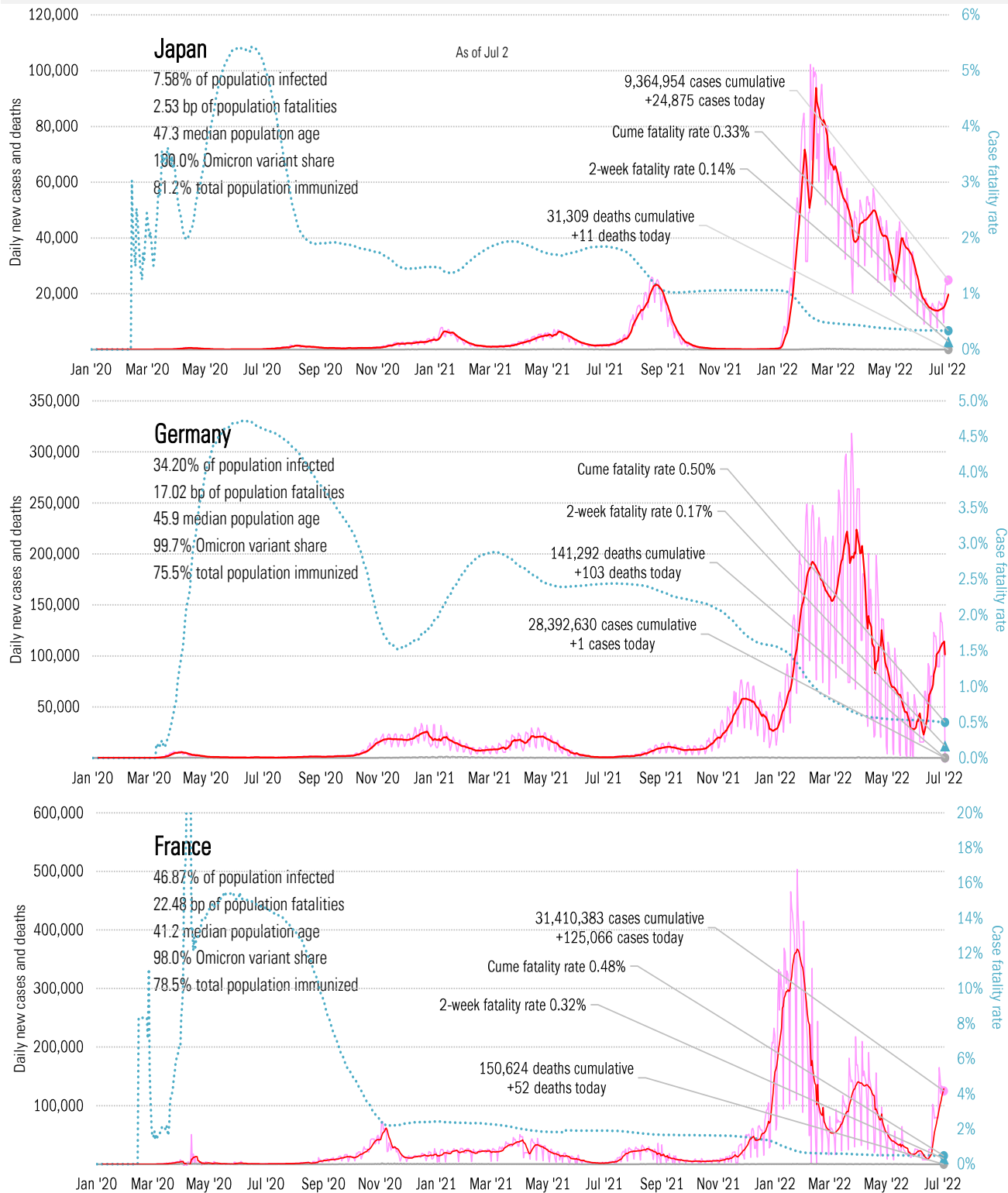
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

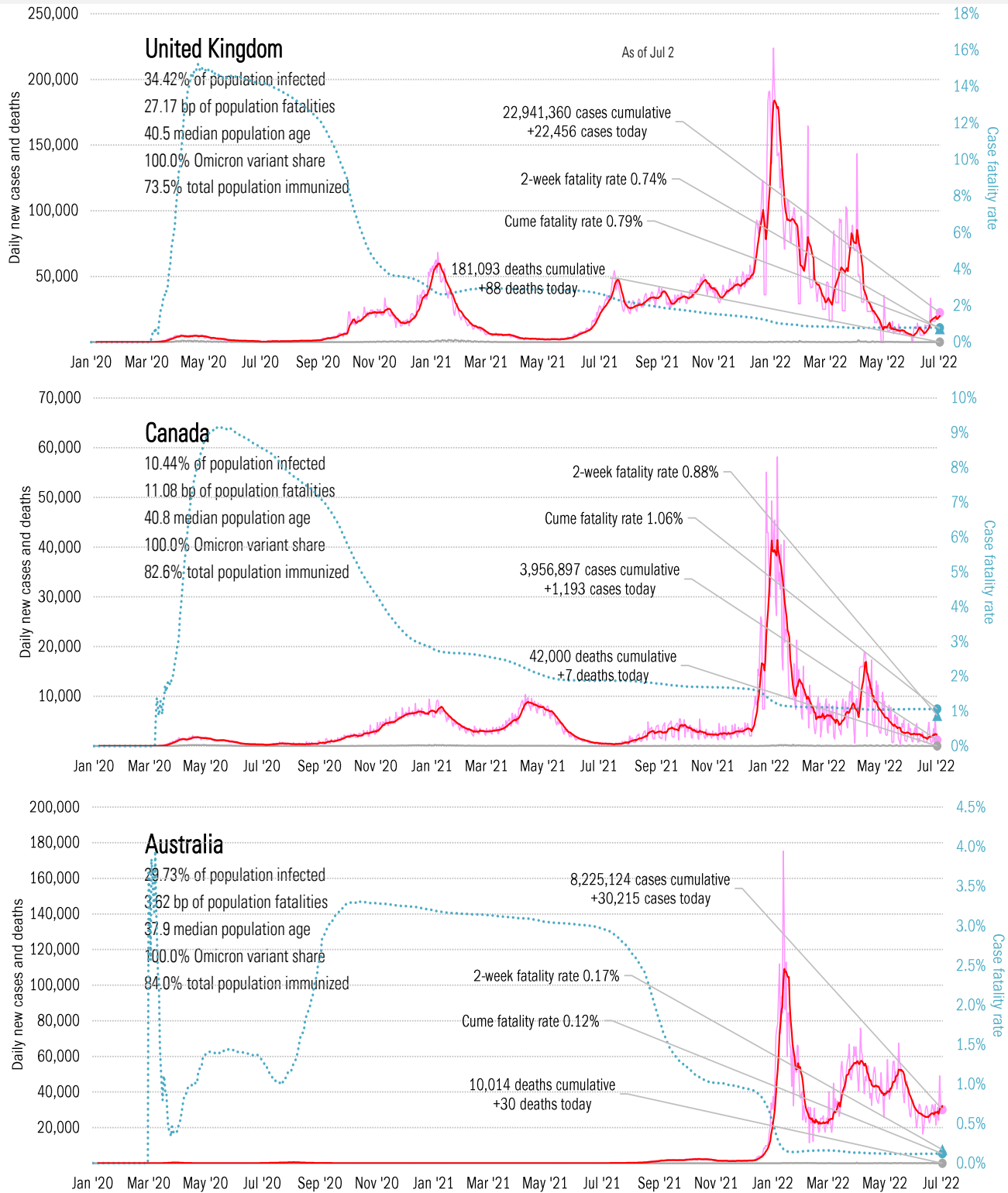
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

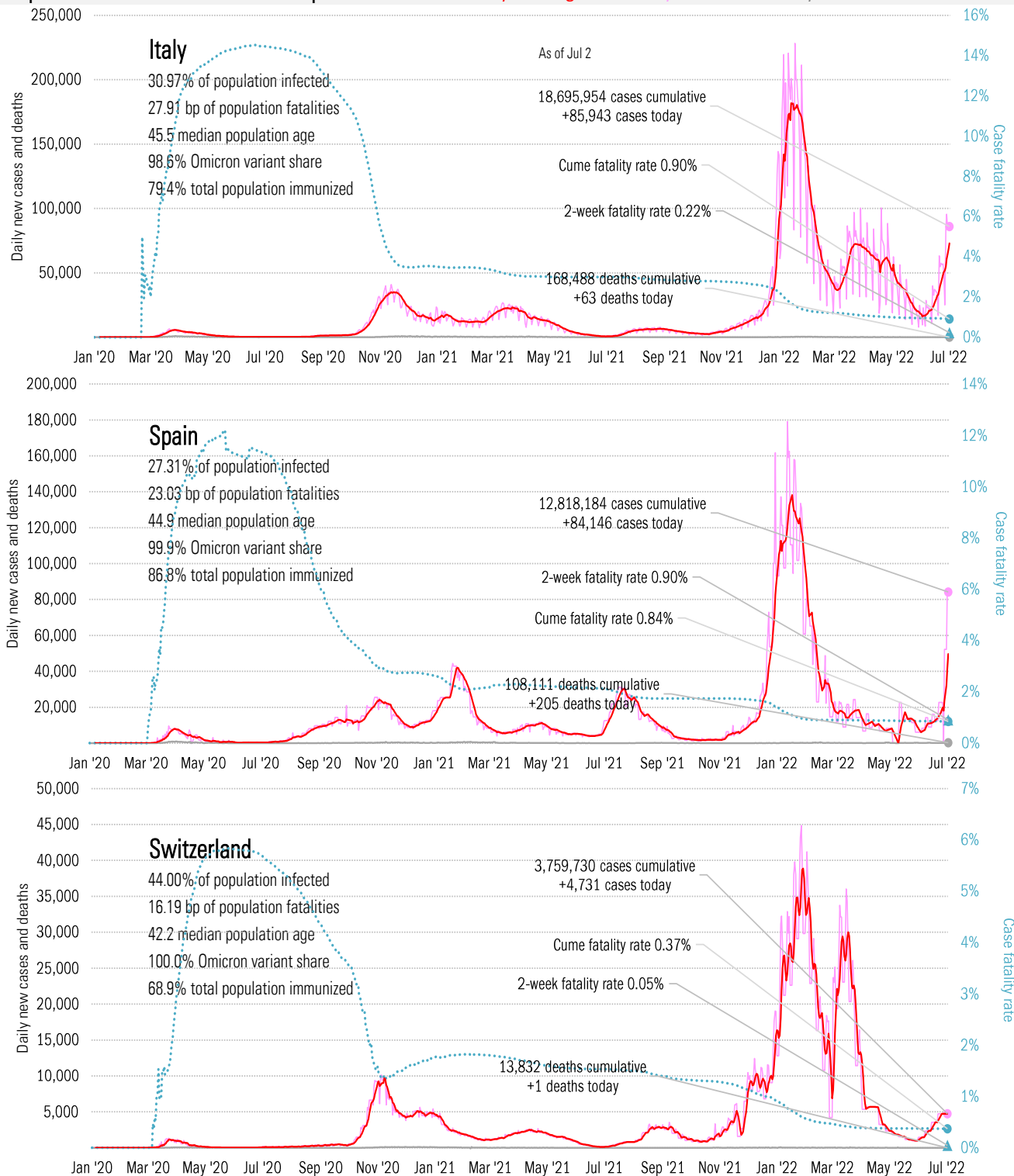
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

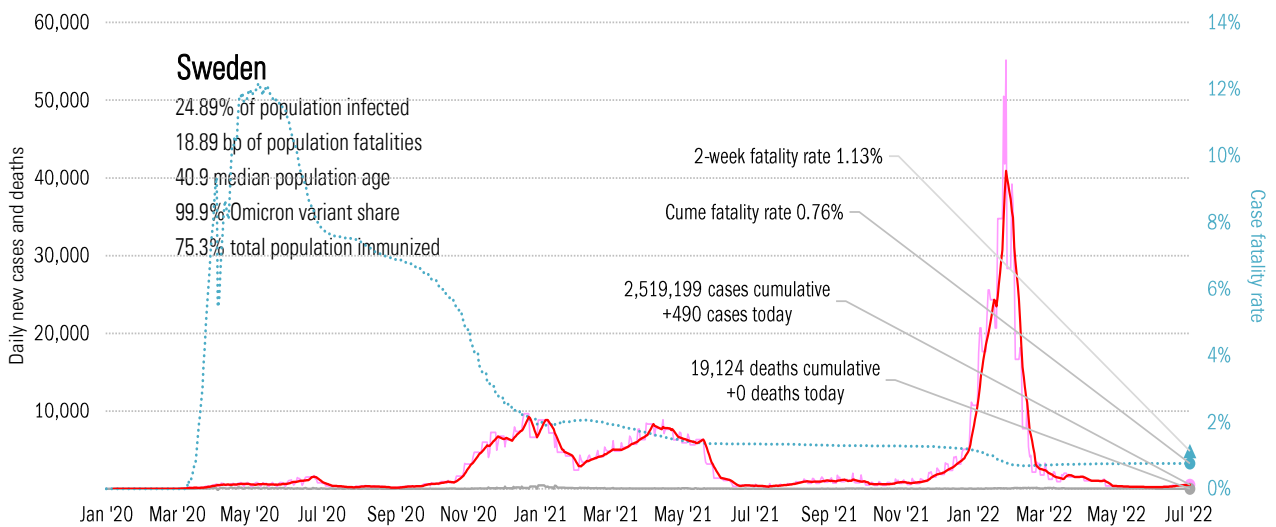
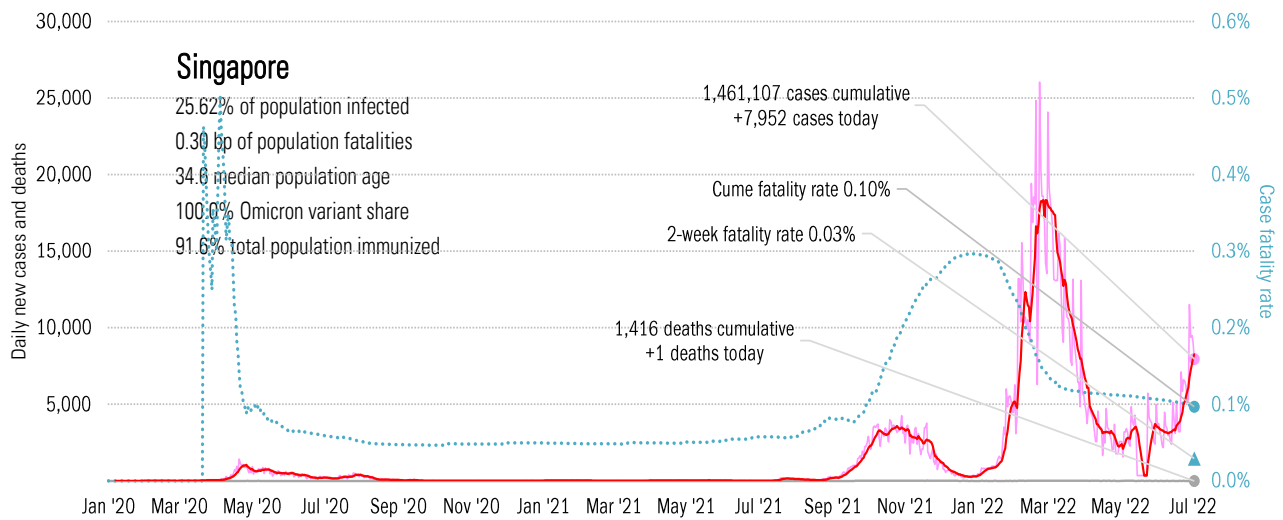
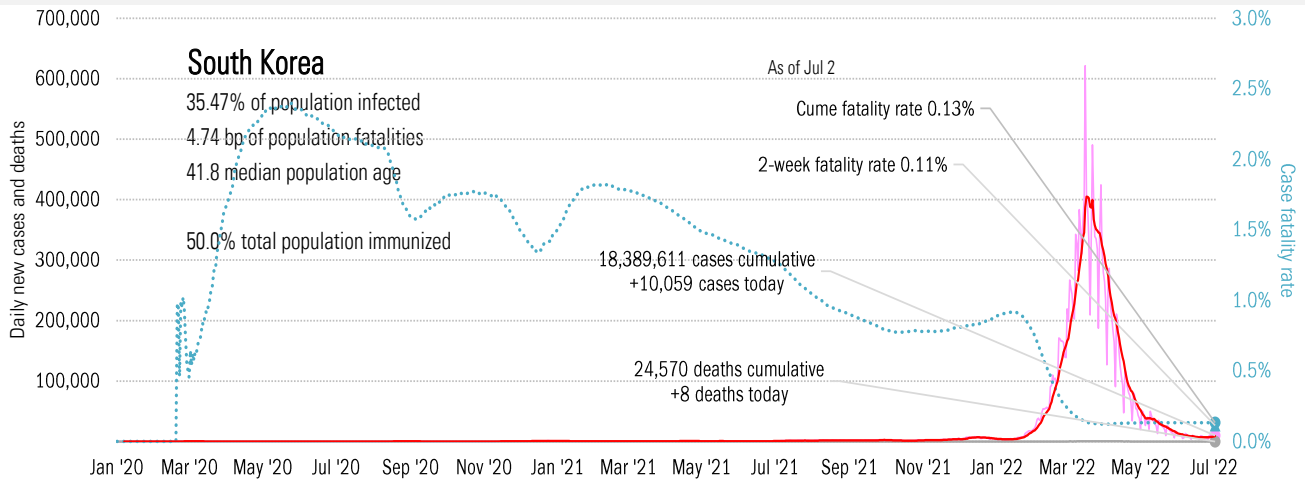
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

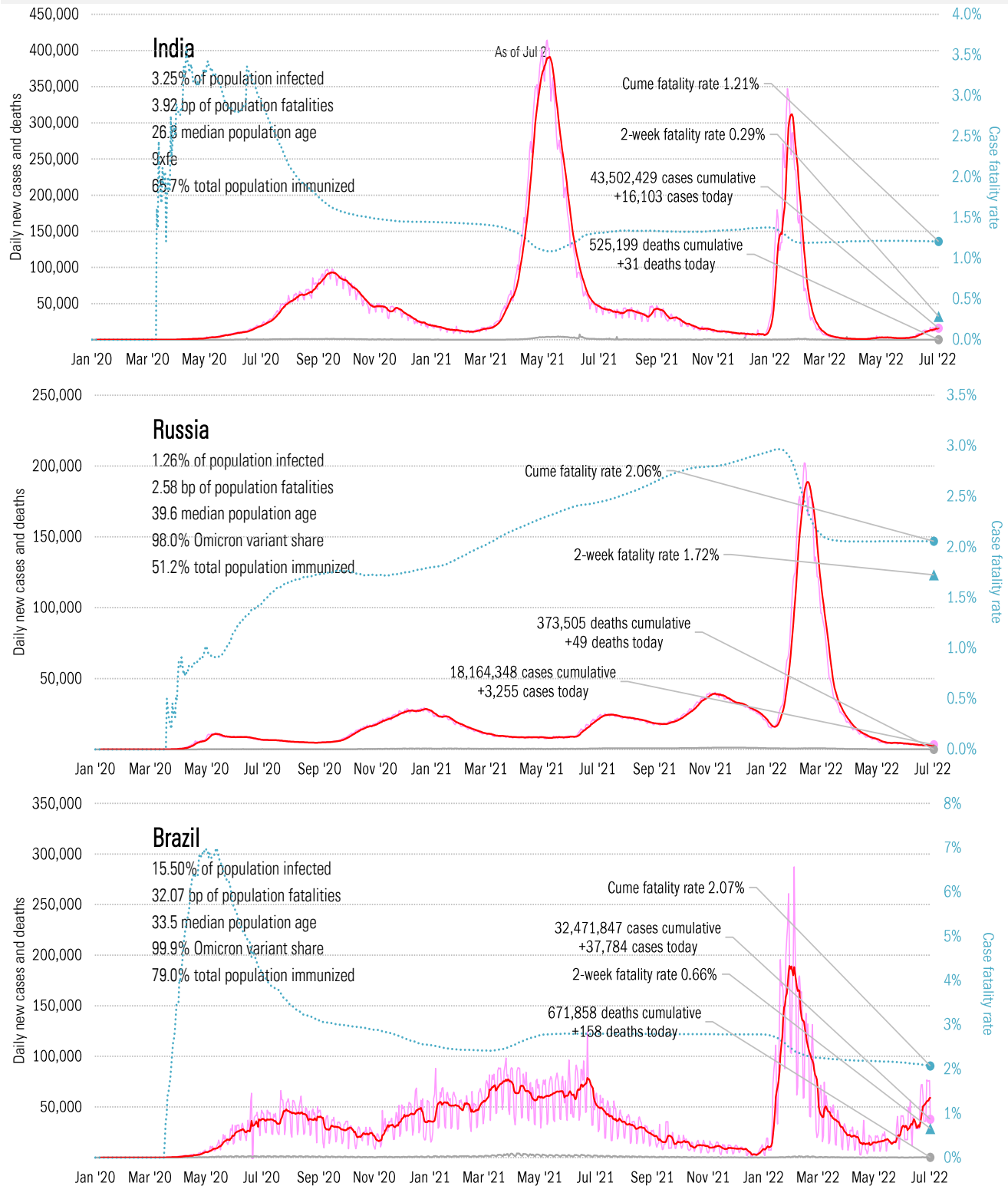
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

Cases: 7-day average and daily Deaths: Daily

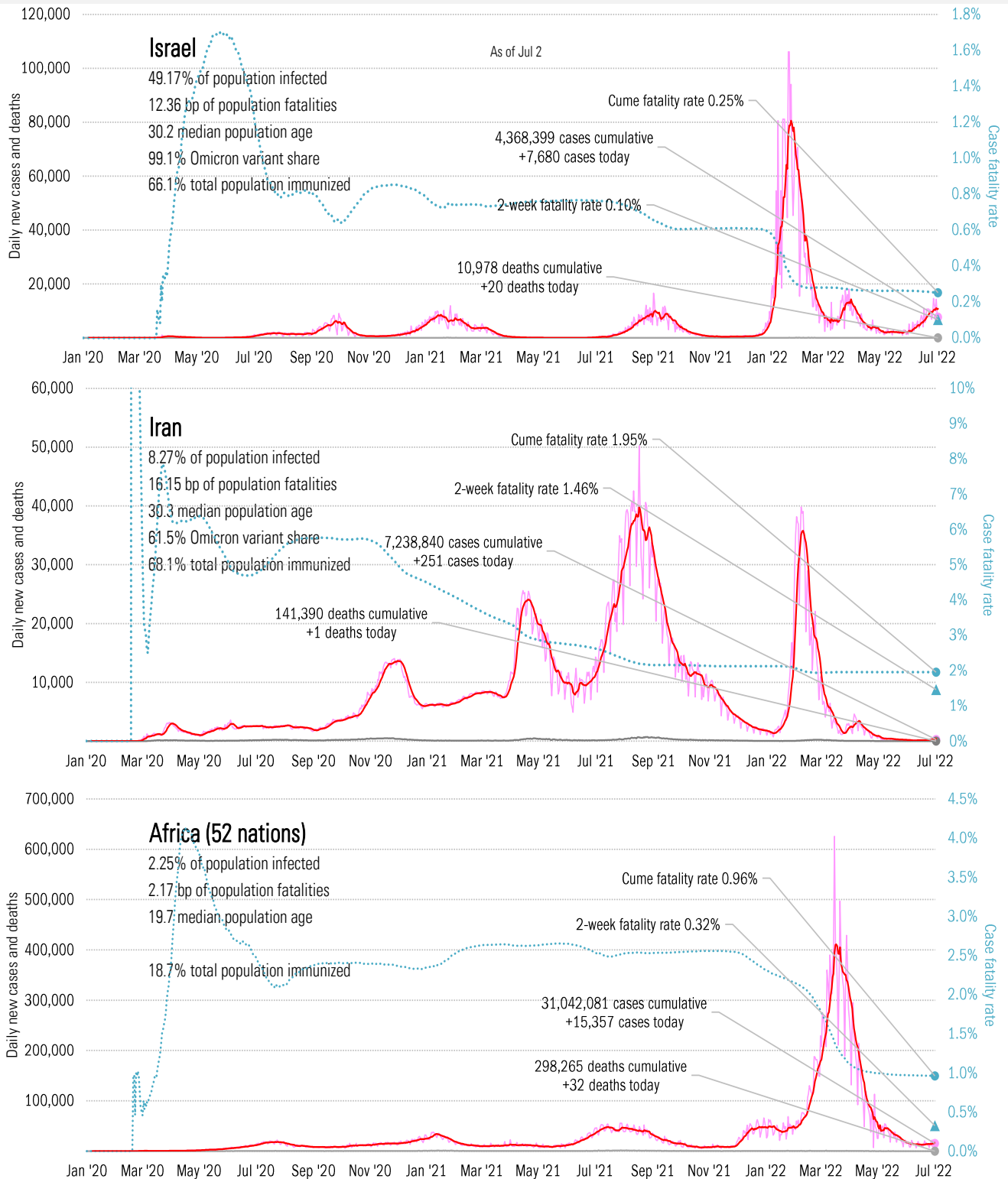


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in the Middle East and Africa

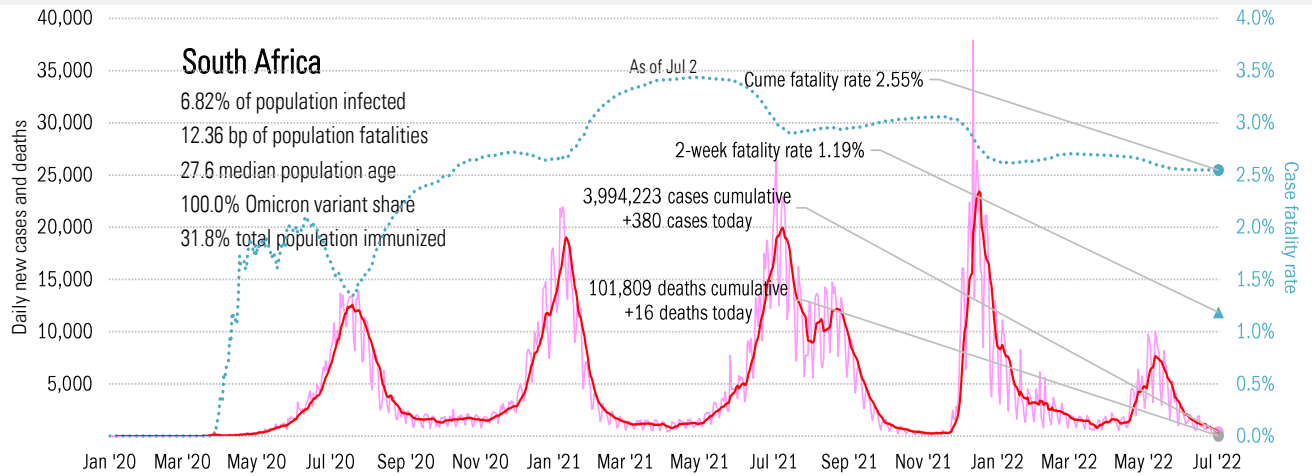
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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