

## Data Insights: Covid-2019 Monitor

Monday, July 11, 2022

### The global scorecard

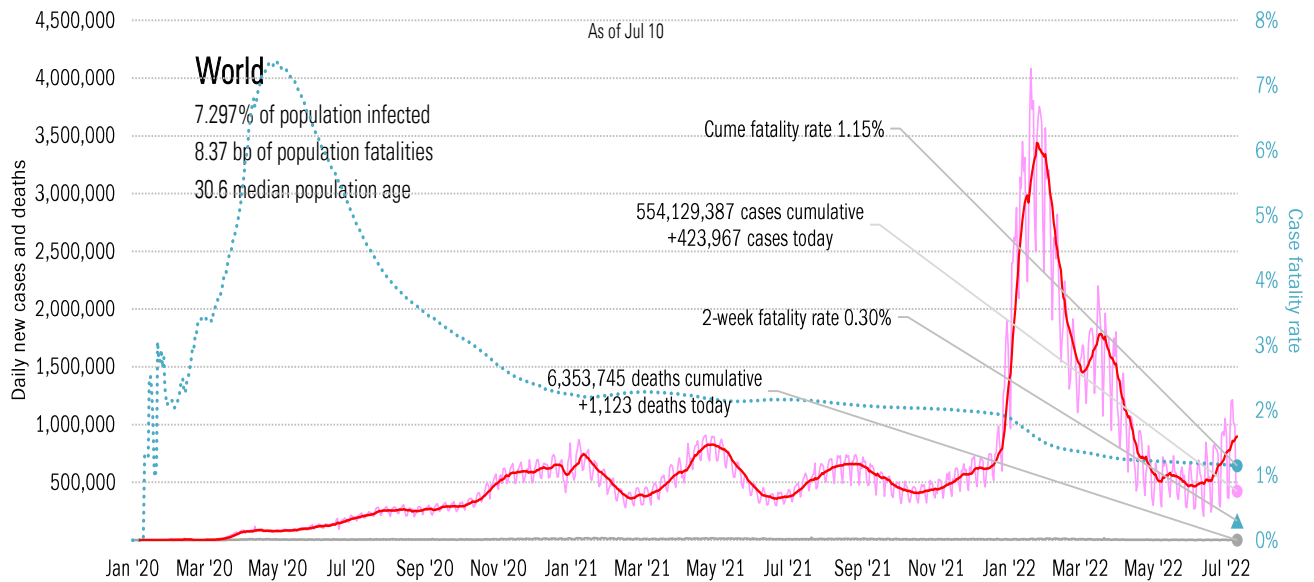
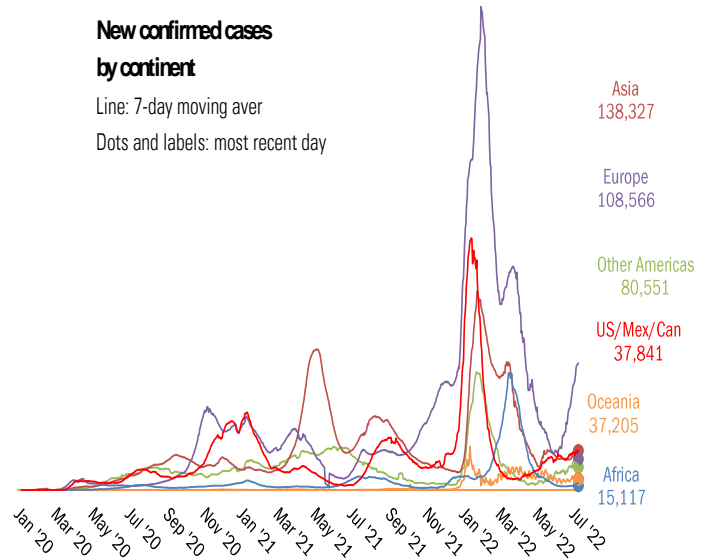
Cases: 7-day average and daily Deaths: Daily

#### The worst ten countries

New cases		New Deaths	
Italy	81,563	United States	551
Japan	54,060	Taiwan*	71
Argentina	31,845	Brazil	56
Australia	28,530	Italy	44
Taiwan*	27,839	Paraguay	42
United States	27,428	Russia	38
Brazil	21,963	Argentina	36
India	16,678	Chile	31
Greece	13,306	Greece	28
Paraguay	12,988	India	26
<b>316,200</b>		<b>923</b>	
World	423,967	World	1,123
Top ten	75%	Top ten	82%

#### 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

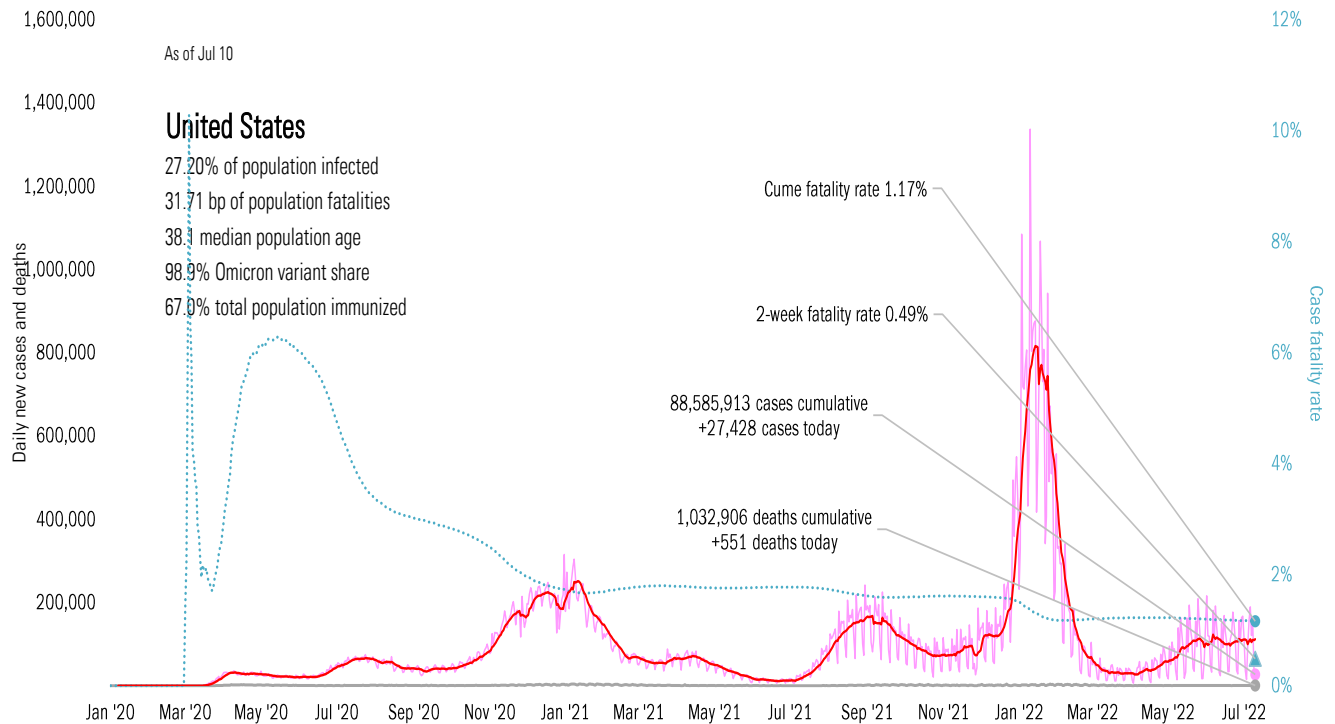
## The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
US state case and fatality data distorted today due to weekend delays.						TX	685	CA	10,274,349	CA	92,629	TX	509,689	RI	91%	RI	85%	CA	758	TX	83%
NY	361	FL	6,555,943	FL	76,272	FL	449,932	MA	87%	DC	82%										
FL	690	NY	5,668,645	NY	69,799	NY	273,923	MN	86%	WA	82%										
GA	219	IL	3,462,948	PA	45,821	GA	211,583	MD	85%	MA	81%										
IL	230	PA	3,018,129	CH	38,920	CH	201,367	GA	84%	NC	81%										
AL	131	NC	2,892,680	GA	38,685	PA	188,443	MO	83%	NM	81%										
NC	152	CH	2,867,291	IL	38,660	IL	170,504	WV	83%	AL	81%										
CH	182	GA	2,667,557	MI	36,982	MI	150,972	DE	82%	DE	80%										
PA	176	MI	2,619,533	NJ	34,109	KY	136,883	NH	81%	NV	80%										
27,428			60			3,584			47,324,524			560,732			2,749,980			All states 70%		67%	
All states 27,428			551			6,139			All states 88,585,913			1,032,906			4,994,132			All states 70%		67%	
Top ten 100%			11%			58%			Top ten 53%			55%			55%			Median 76%		72%	

Some states not reporting

## Five most improved US states

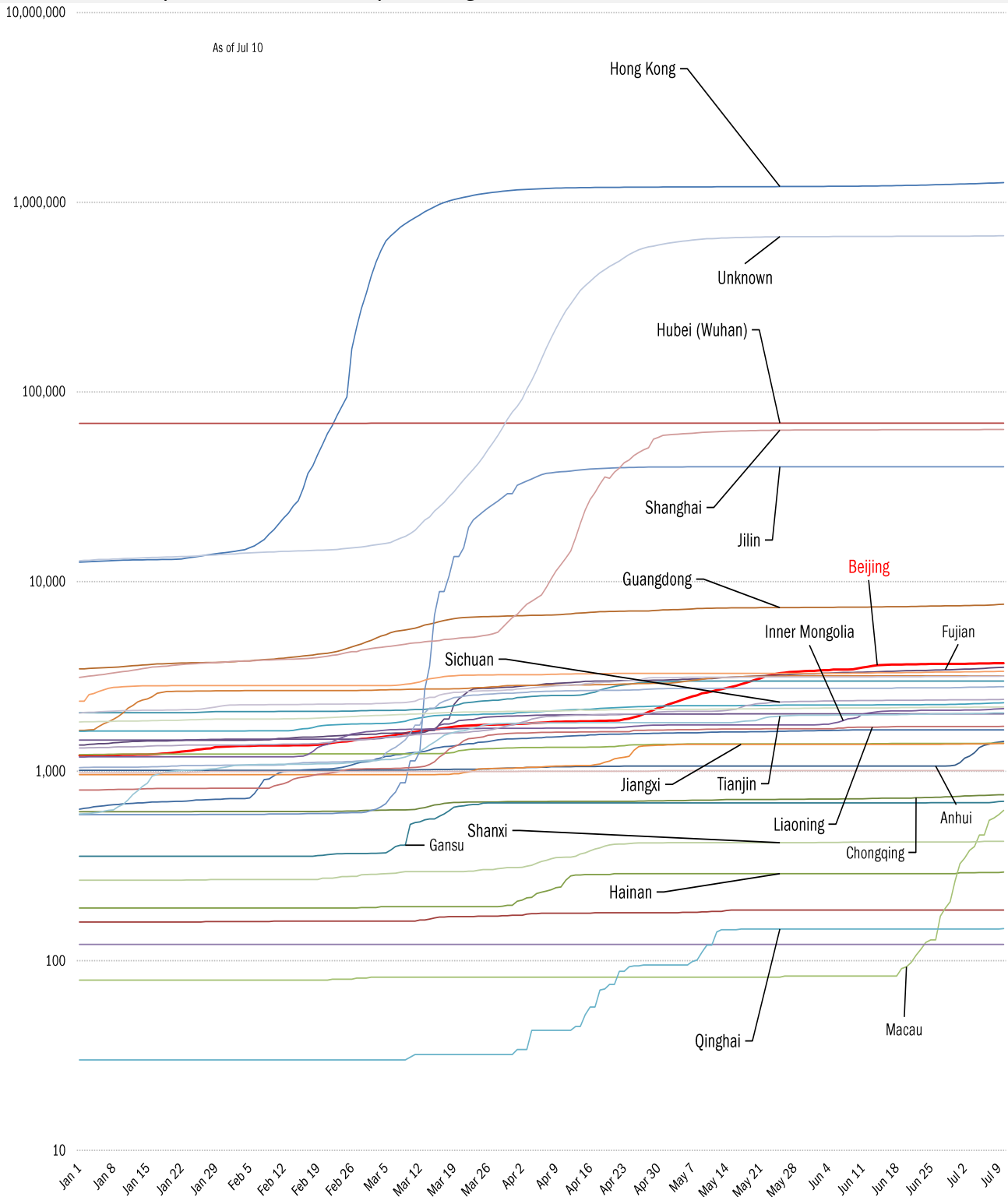
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TX	-1,860	FR	-12	NJ	-23	VA	+578 bp
NJ	-817	TX	-9	MA	-19	TN	+524 bp
NY	-765	NJ	-6	FR	-17	LA	+441 bp
AR	-720	AK	0	KS	-16	AR	+439 bp
CT	-321	AL	0	MT	-11	IN	+437 bp



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"*

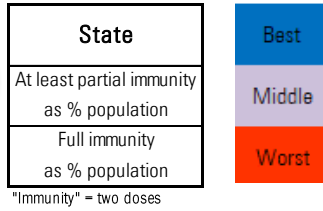
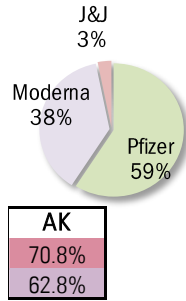


Source: [Johns Hopkins](#), TrendMacro calculations

# Rolling out the vaccines in the US and the world

Updates weekly on Friday

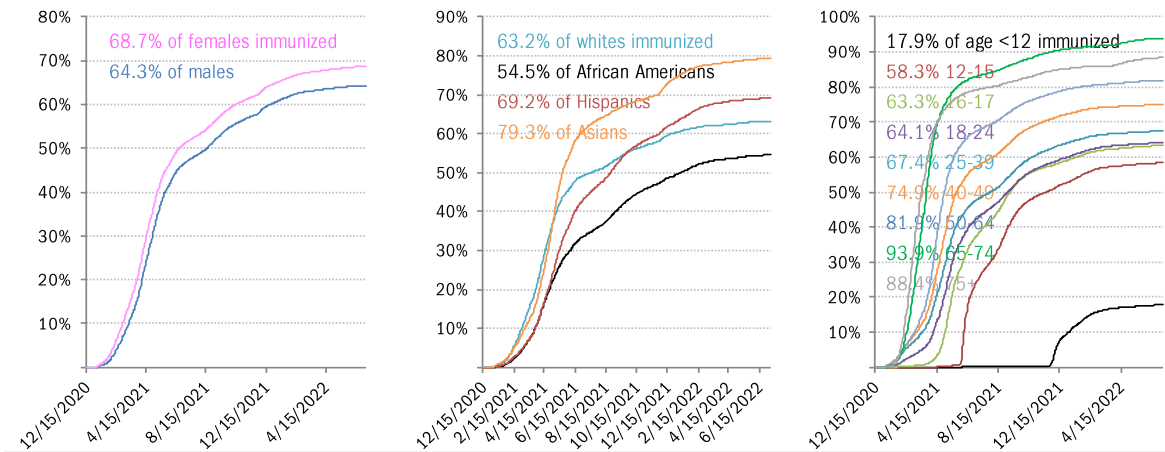
Administered	Cumulative		Today	Immunity	Full	Partial
Doses	612,676,095		+0.208 million	US	67.0%	78.4%
of which boosters	108,590,845		+0.050 million	UK	73.6%	78.6%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	268,330,668	80%	228,738,120	68%	+0.028 million	France 78.5% 80.8%
Age 12 to 17	17,958,024	71%	15,363,062	61%	+0.003 million	Spain 86.8% 88.3%
Age 18 to 64	179,904,326	88%	152,678,815	75%	+0.015 million	Germany 75.5% 77.1%
Age 65 and over	59,439,014	100%	51,975,143	95%	+0.005 million	Italy 79.4% 84.2%
						Australia 84.1% 86.7%
						Israel 66.2% 72.3%
						Canada 82.6% 86.1%
						Japan 81.2% 82.3%
						Africa 19.8% 25.2%
						India 65.9% 73.0%
						Brazil 79.1% 86.4%
						China 87.3% 89.6%



As of Jul 7

State	Best	Middle	Worst
WA	81.8%	73.0%	
ID	62.4%	55.9%	
MT	65.9%	57.4%	
ND	66.3%	56.1%	
MN	75.9%	69.8%	
IL	76.4%	69.1%	
MI	67.5%	60.7%	
NY	91.2%	77.9%	
VT	94.8%	82.0%	
NH	89.7%	71.7%	
OR	78.7%	70.3%	
NV	76.2%	61.5%	
WY	58.7%	51.4%	
SD	77.9%	62.7%	
IA	68.5%	62.5%	
IN	62.7%	56.5%	
OH	63.8%	58.8%	
PA	86.3%	69.7%	
NJ	91.5%	76.5%	
MA	95.0%	80.1%	
CA	83.1%	72.9%	
UT	72.8%	64.8%	
CO	80.4%	70.9%	
NE	71.0%	64.1%	
MO	66.9%	56.7%	
KY	66.8%	57.9%	
WV	65.6%	58.2%	
VA	86.9%	73.9%	
MD	87.8%	76.5%	
CT	95.0%	80.2%	
RI	95.0%	83.8%	
AZ	74.4%	62.5%	
NM	89.2%	72.1%	
KS	73.3%	62.6%	
AR	67.5%	55.1%	
TN	62.8%	55.0%	
NC	86.0%	62.6%	
SC	68.5%	57.7%	
DC	95.0%	76.3%	
DE	84.3%	70.2%	
OK	71.9%	58.0%	
LA	61.6%	54.0%	
MS	60.2%	52.3%	
AL	63.3%	51.6%	
GA	66.2%	55.5%	
HI	88.6%	79.1%	
TX	74.5%	62.4%	
FL	80.2%	67.7%	
PR	95.0%	83.7%	

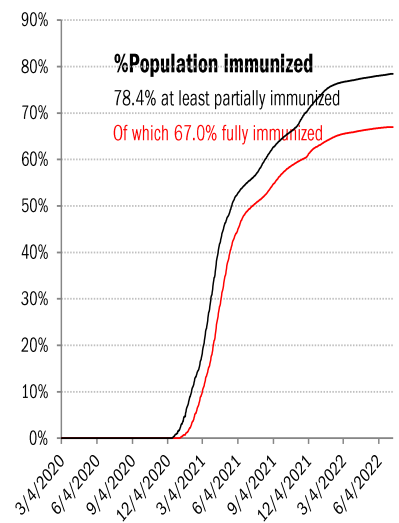
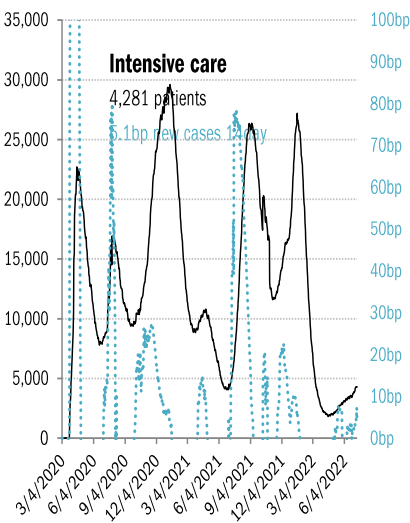
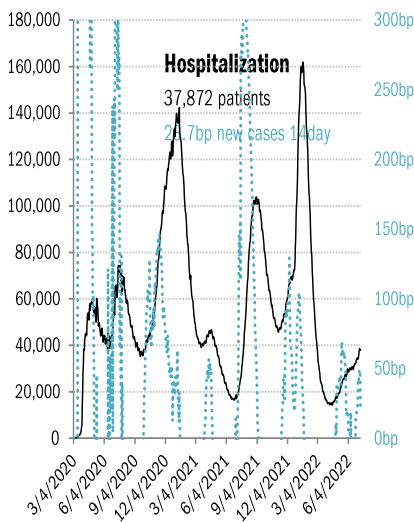
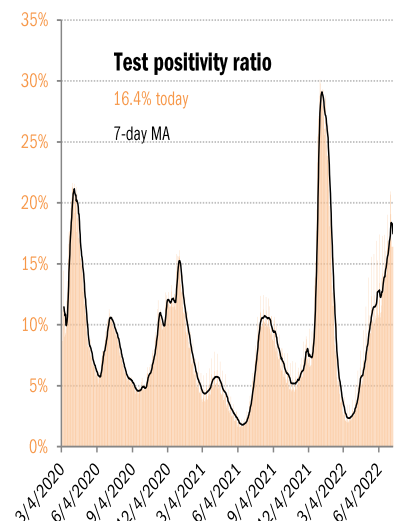
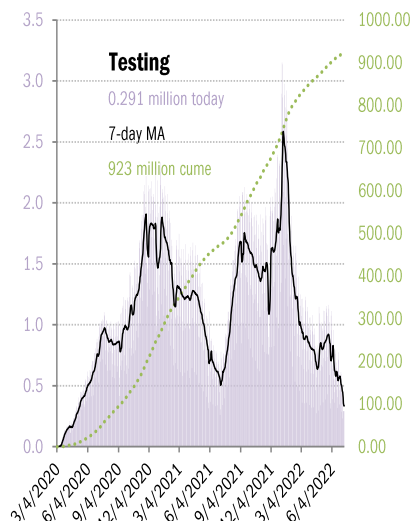
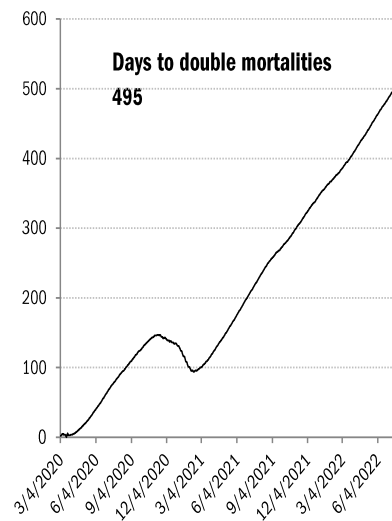
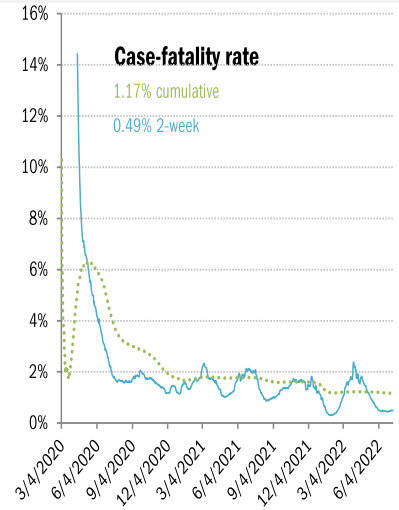
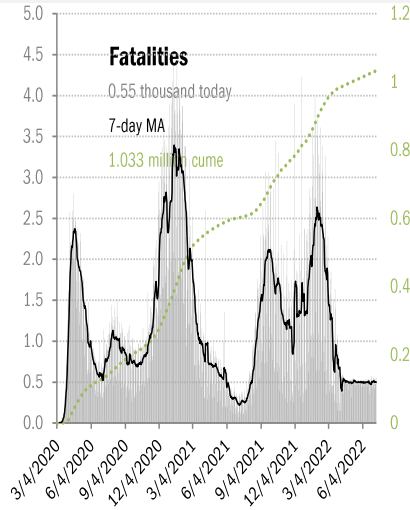
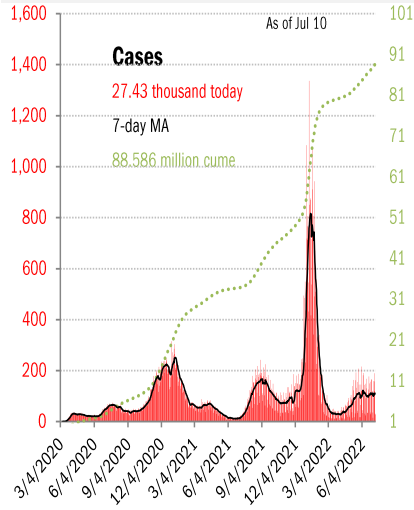
## The demographics of US vaccination



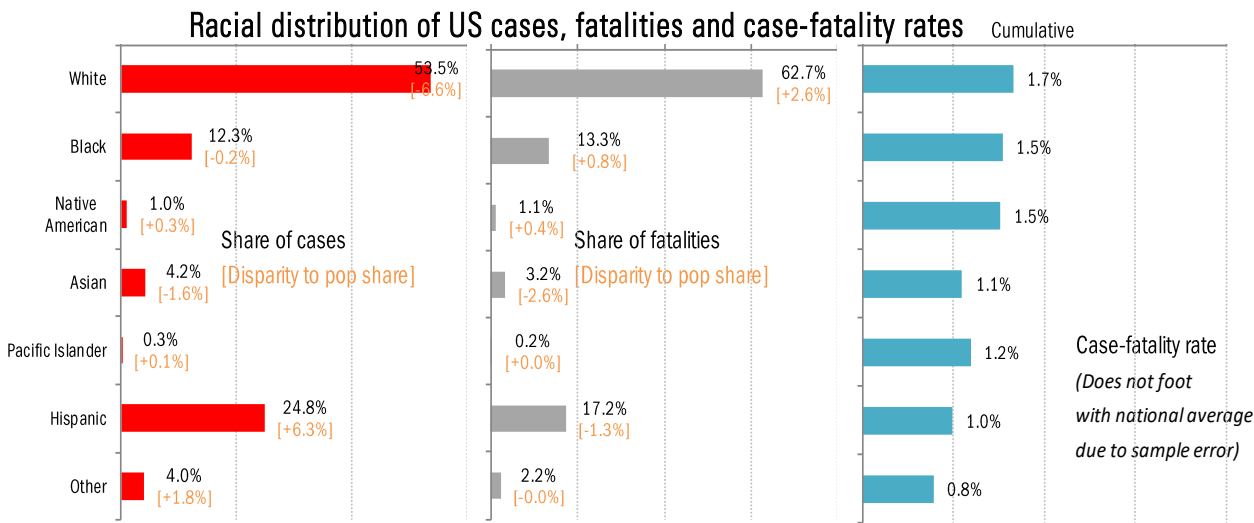
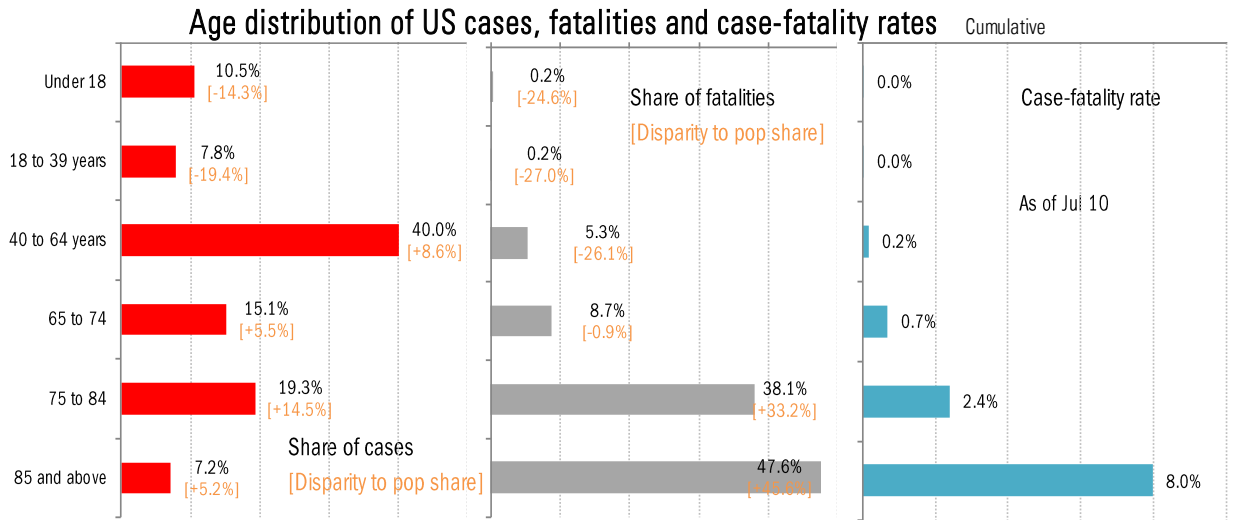
Source: CDC, CDC, Our World in Data, TrendMacro calculations

# US deep-dive

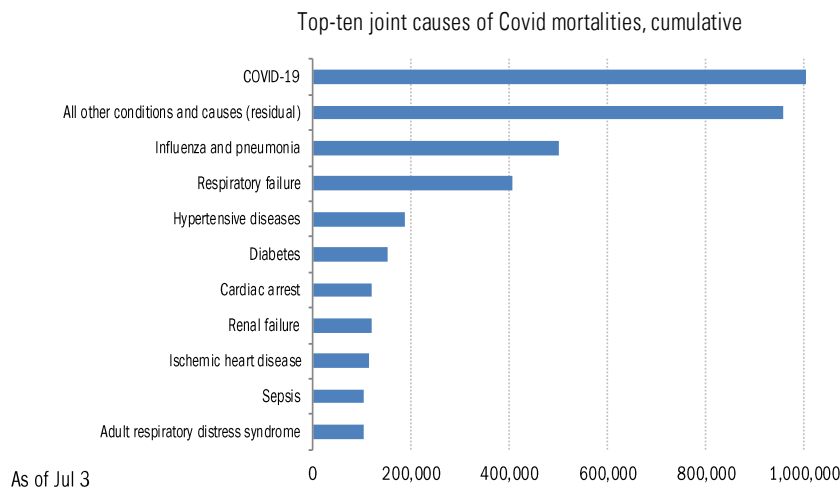
National and state-by-state data do not line up because of different sources



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



### 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

[Chuck Schumer tests positive for Covid-19, spokesman says](#)

Ali Zaslav

*CNN*

July 10, 2022

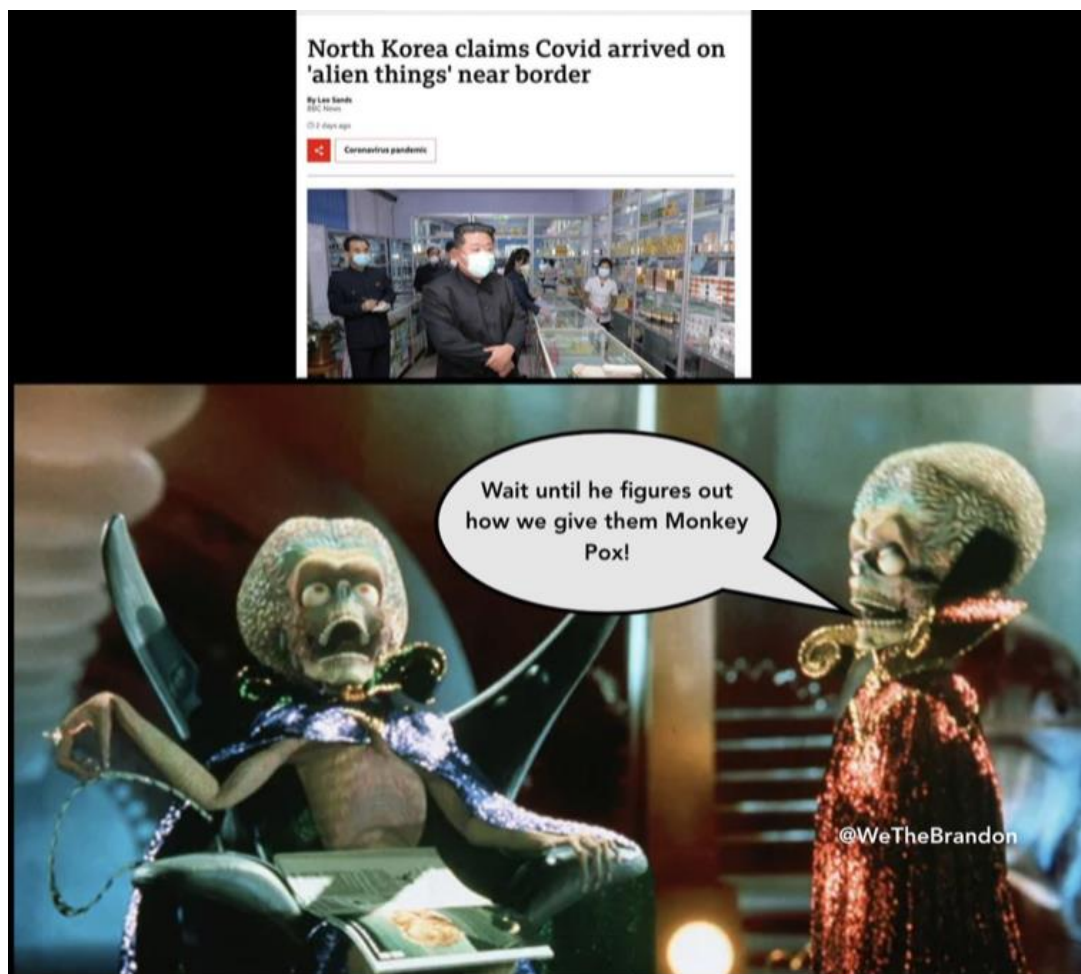
[Macau shuts down casinos following Covid outbreak](#)

Annabelle Liang

*BBC*

July 11, 2022

## Meme of the day

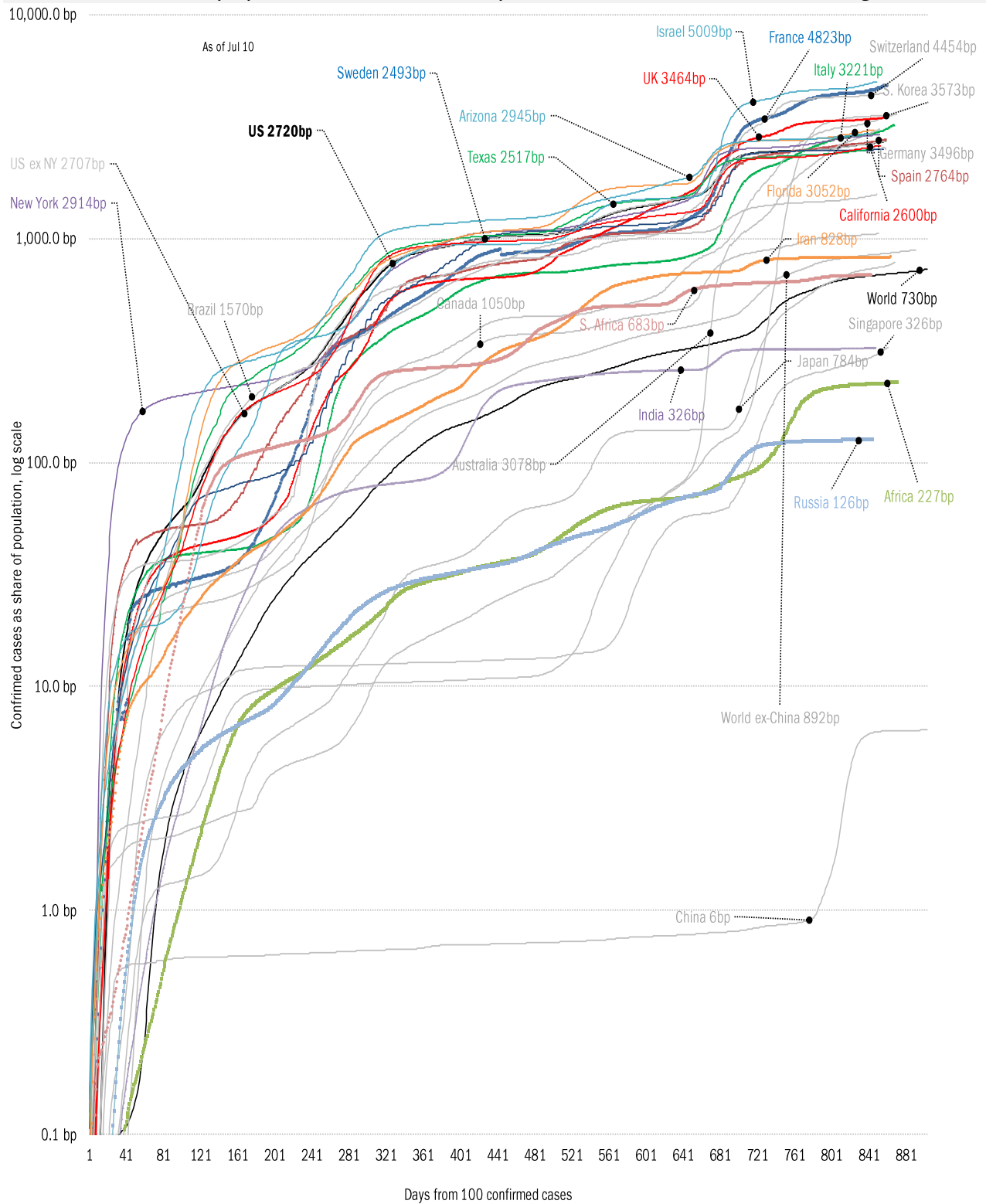


Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)



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

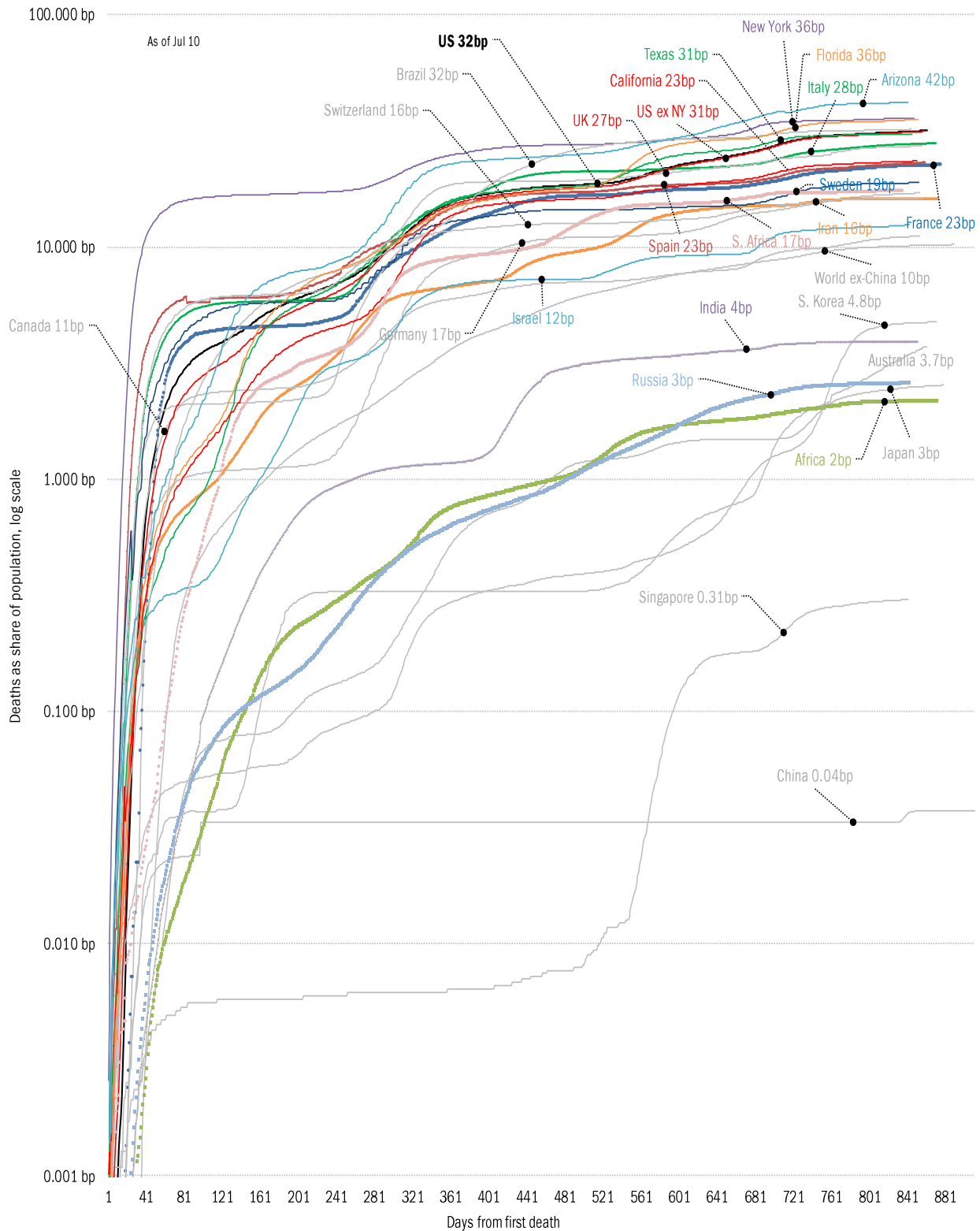
*Share of infected population from first day with 100 confirmed cases, log scale*



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*

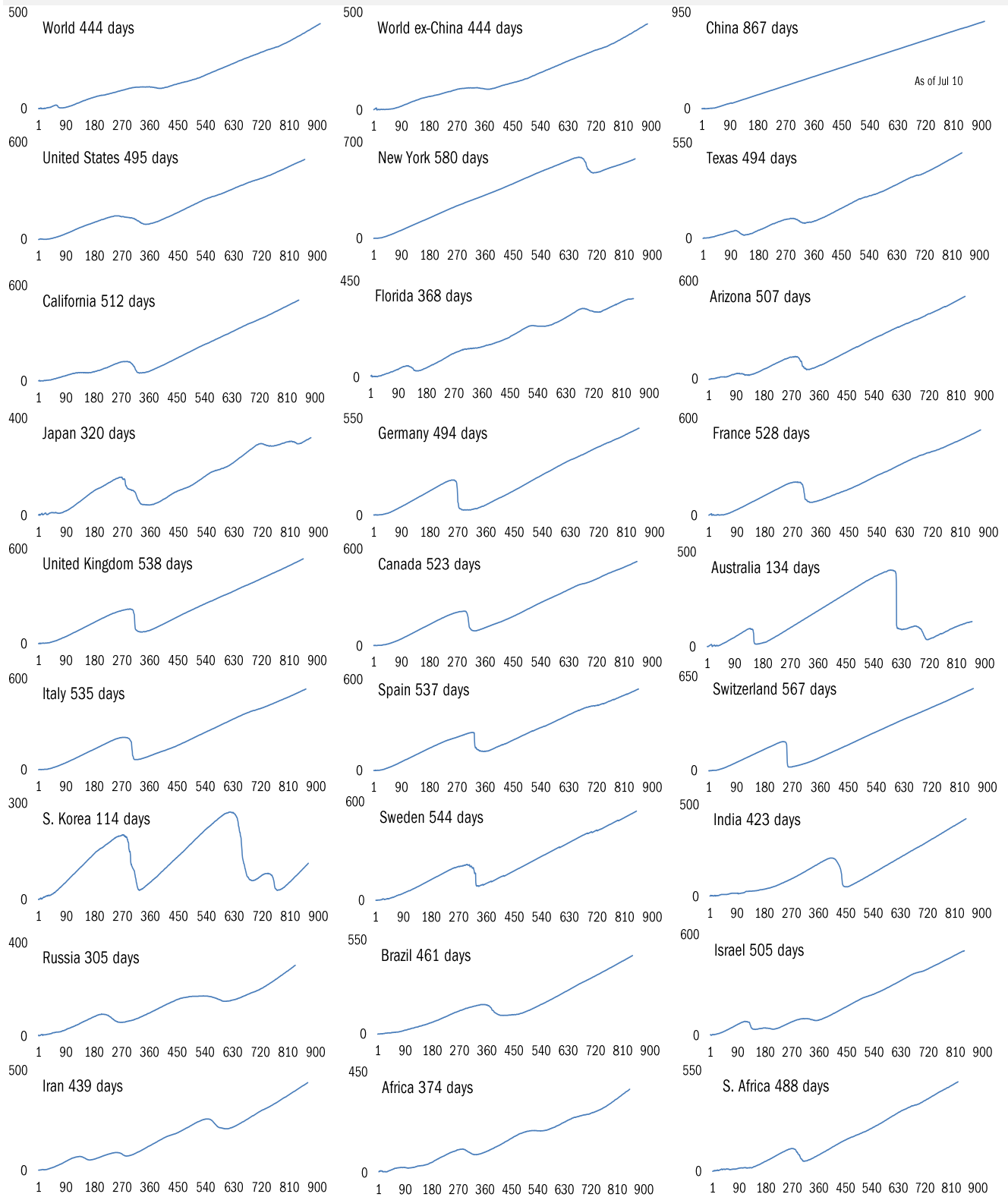


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

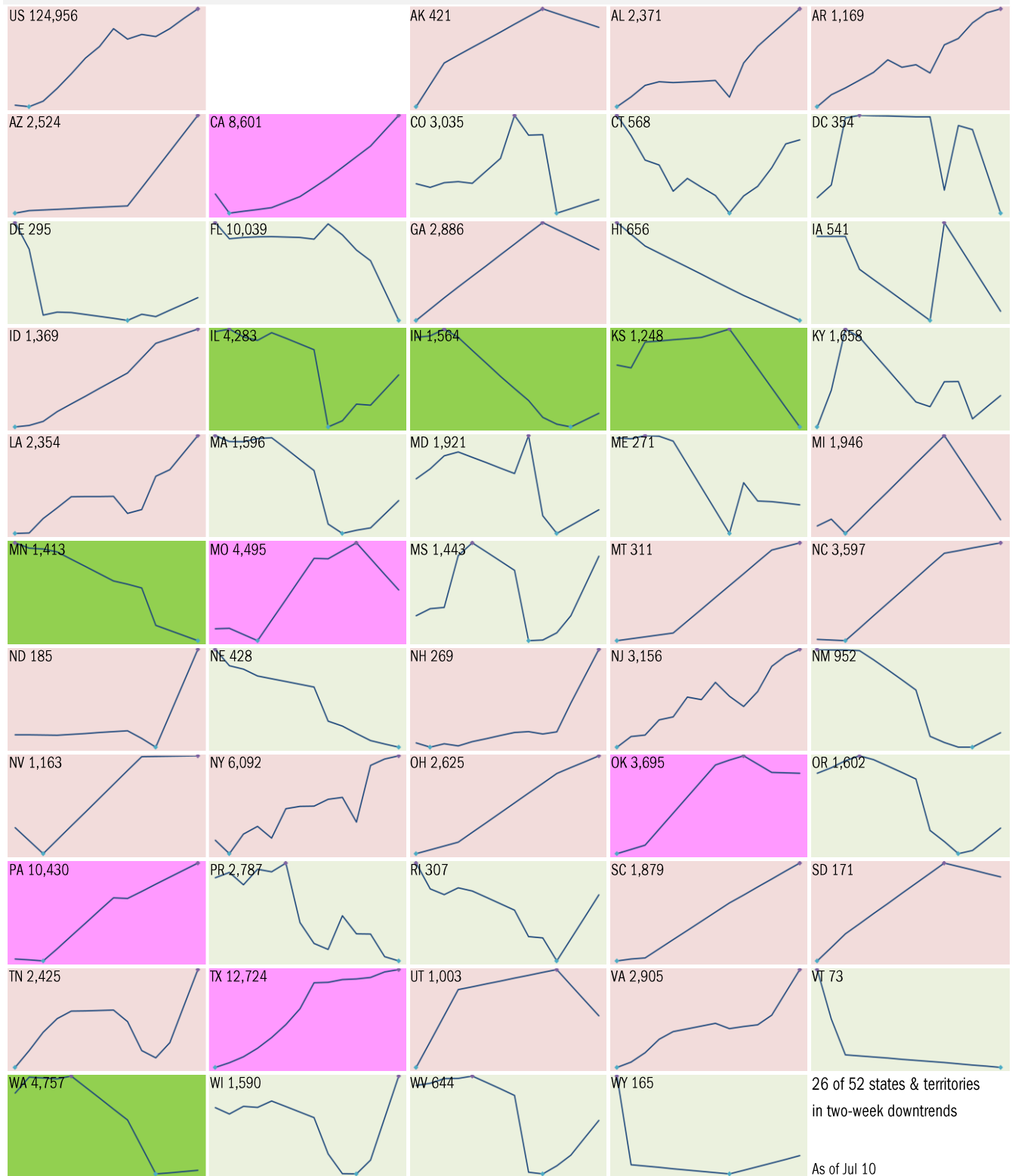


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

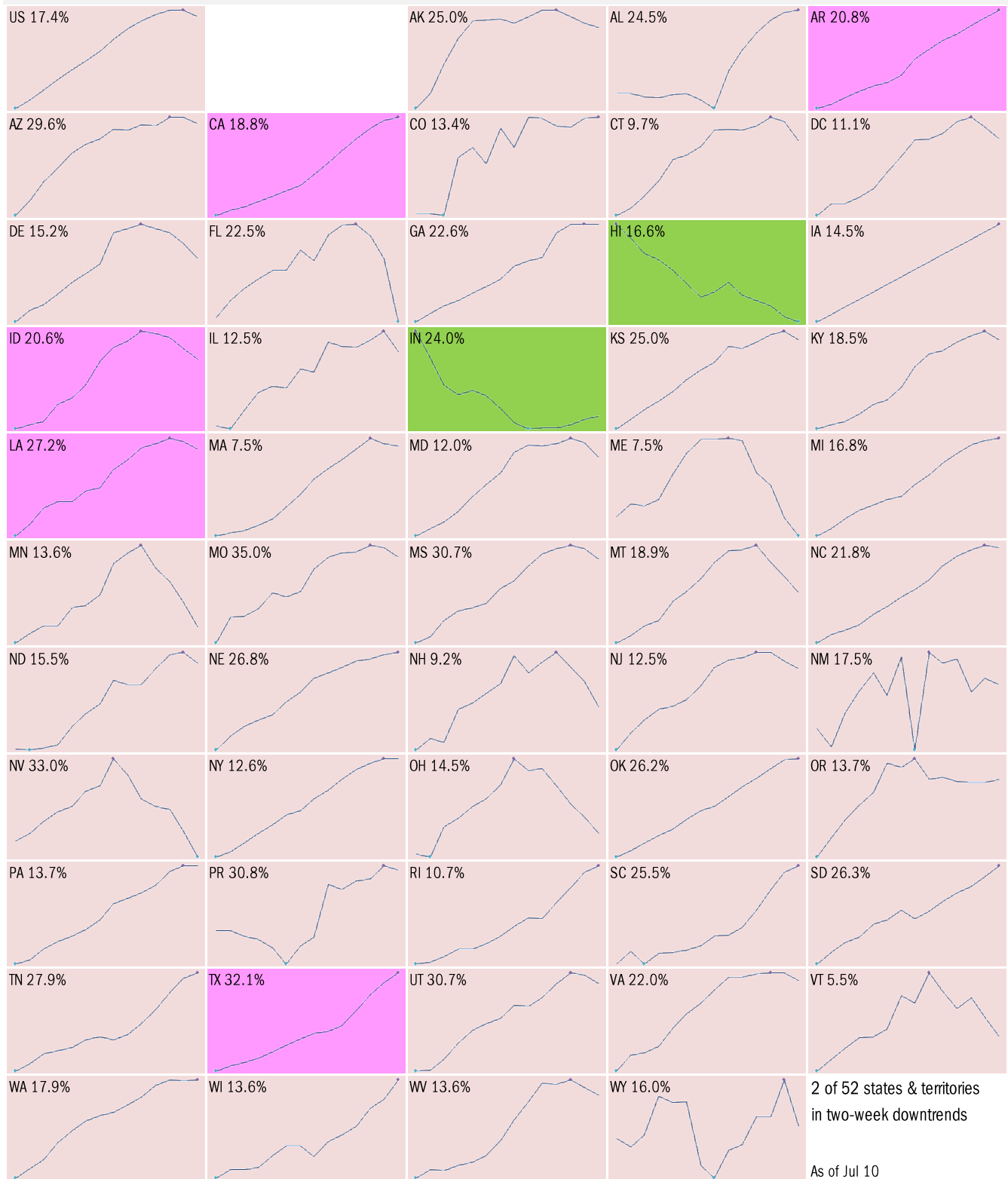


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

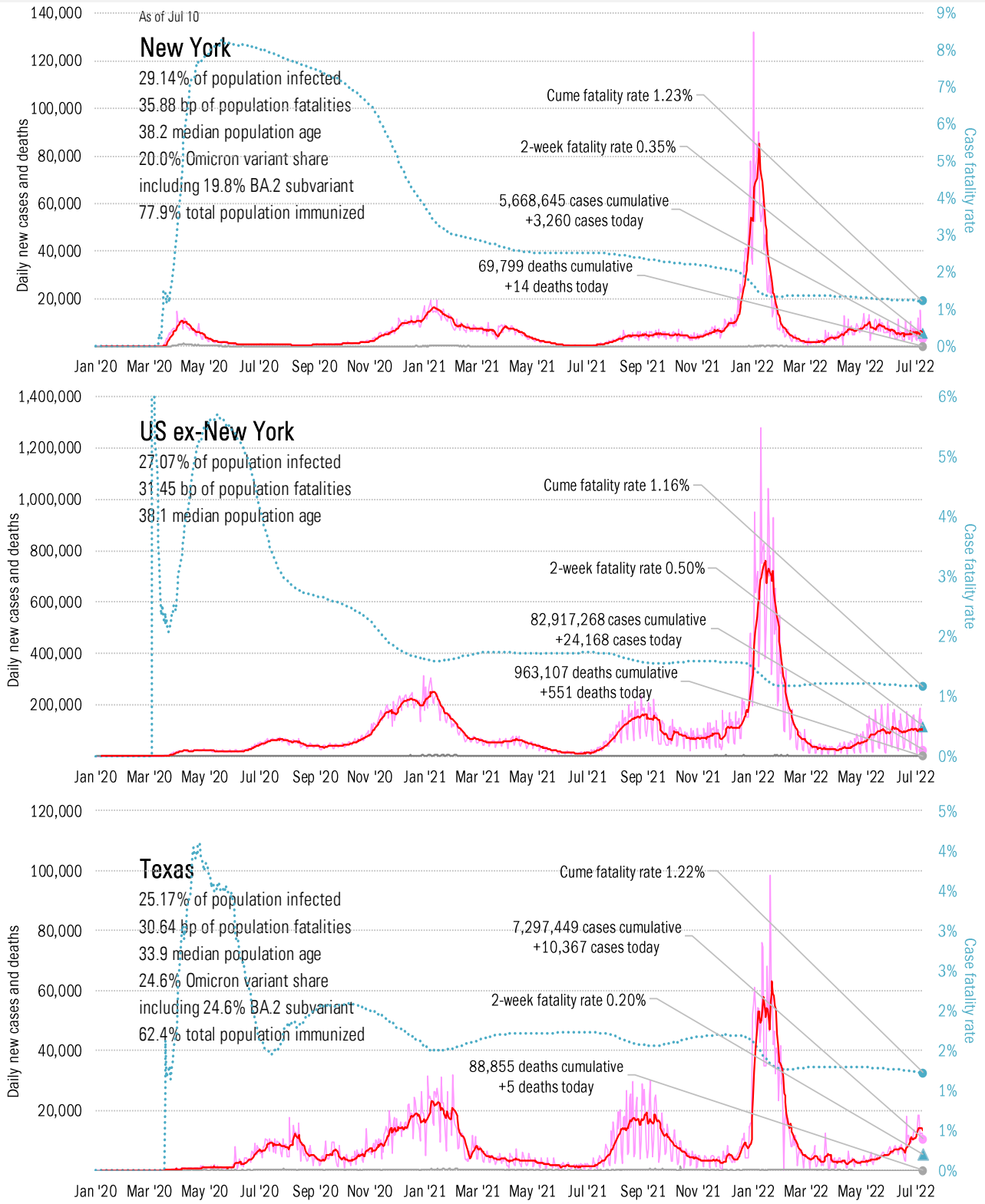
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

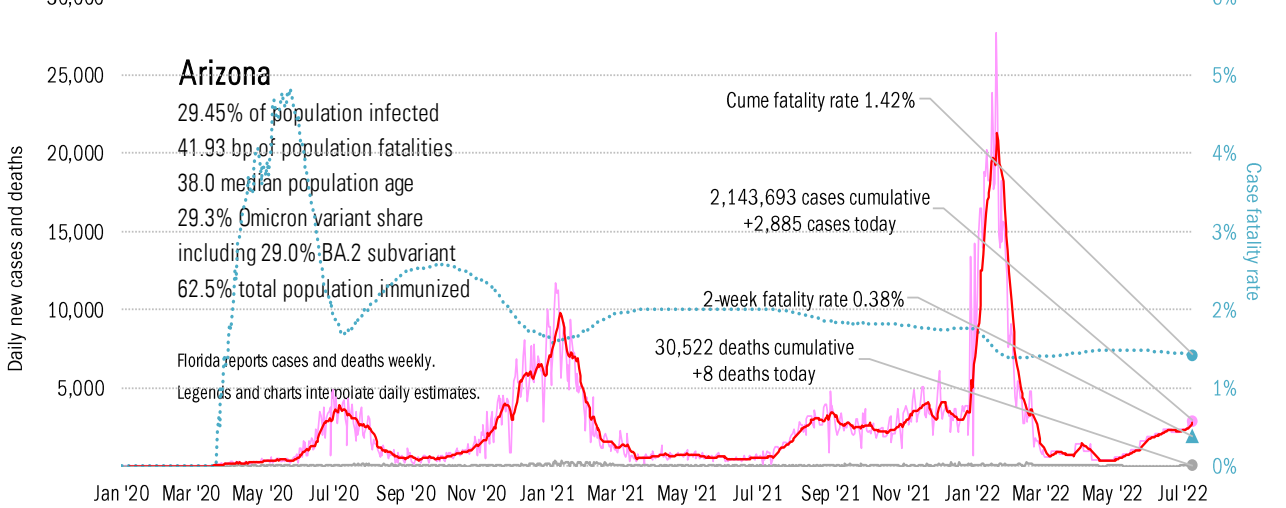
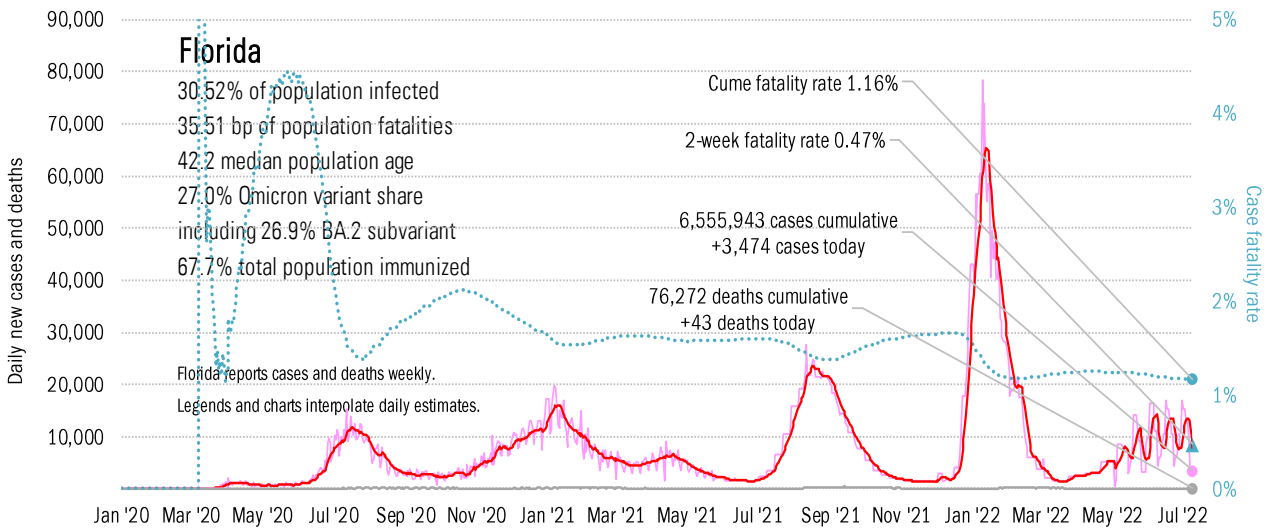
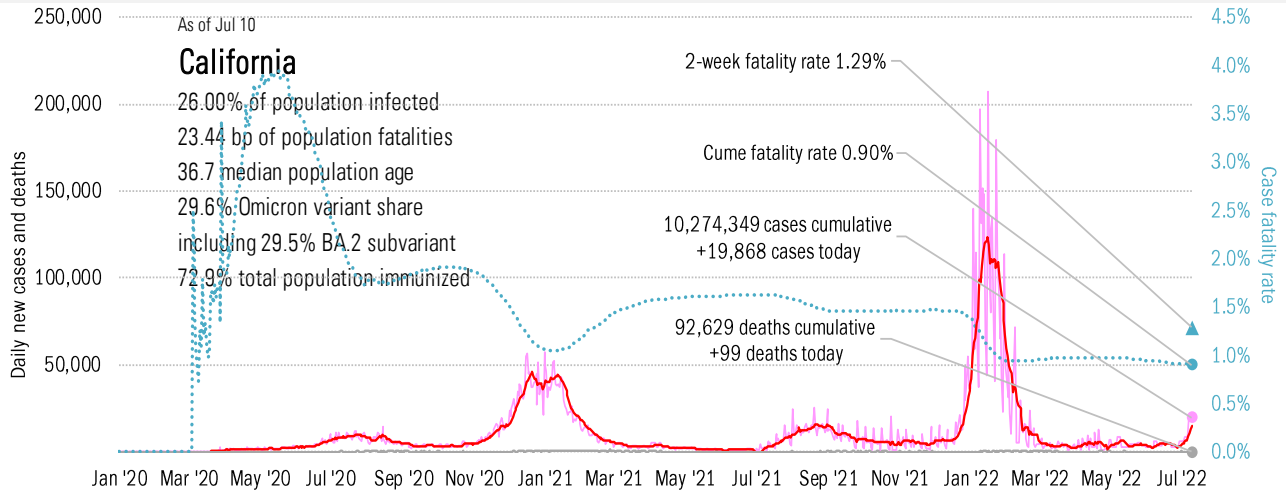
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

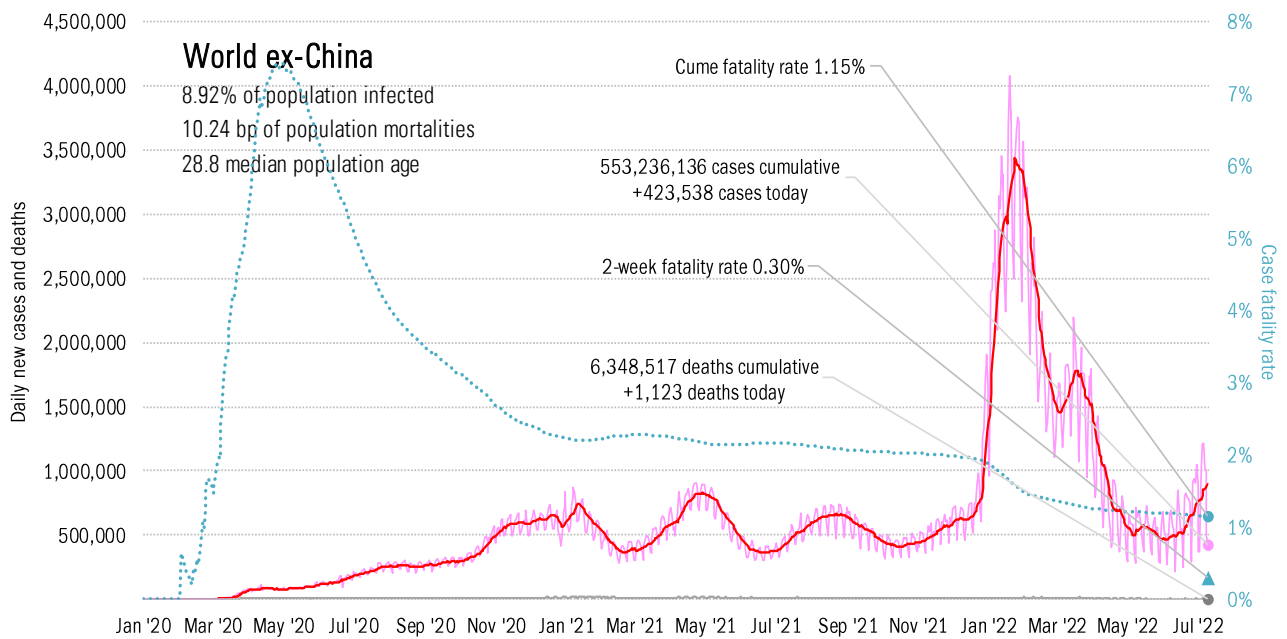
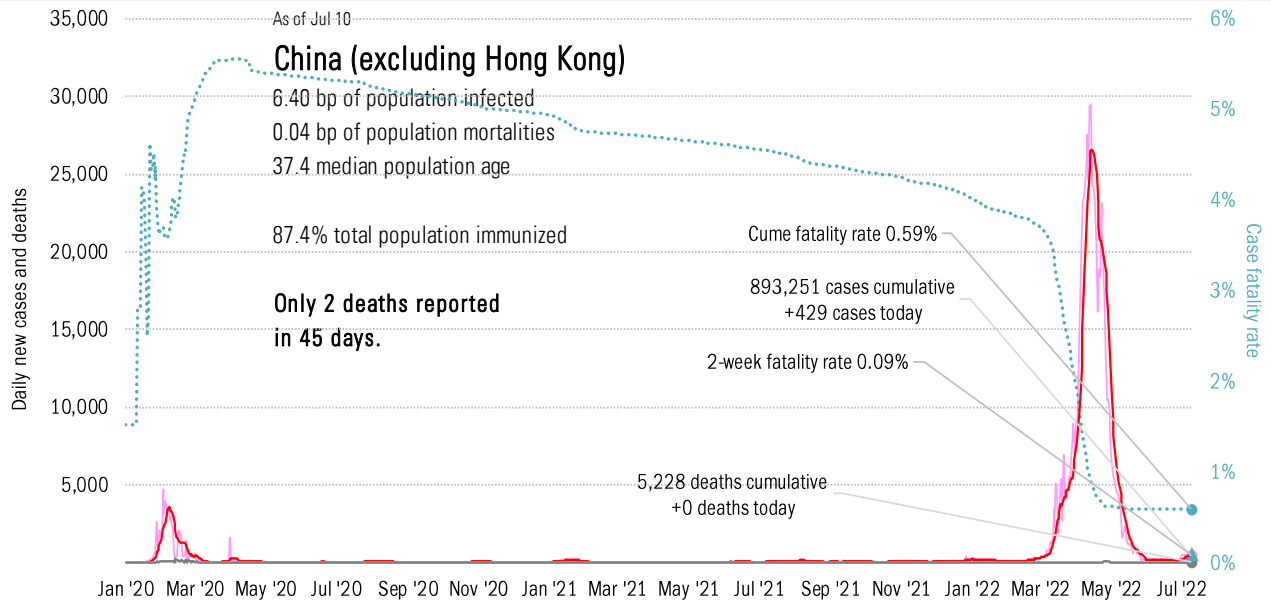
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

Cases: 7-day average and daily Deaths: Daily

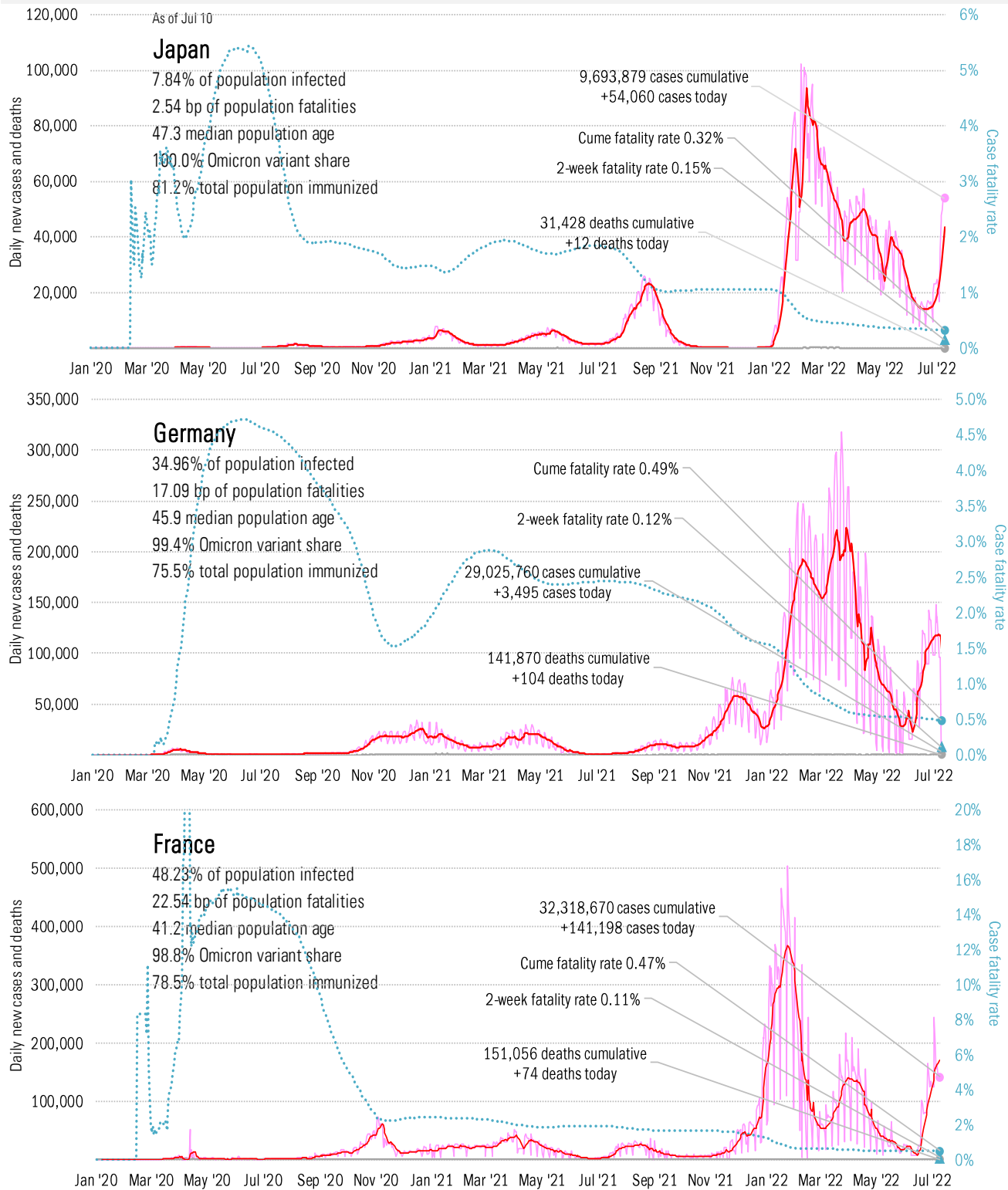


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in the largest economies

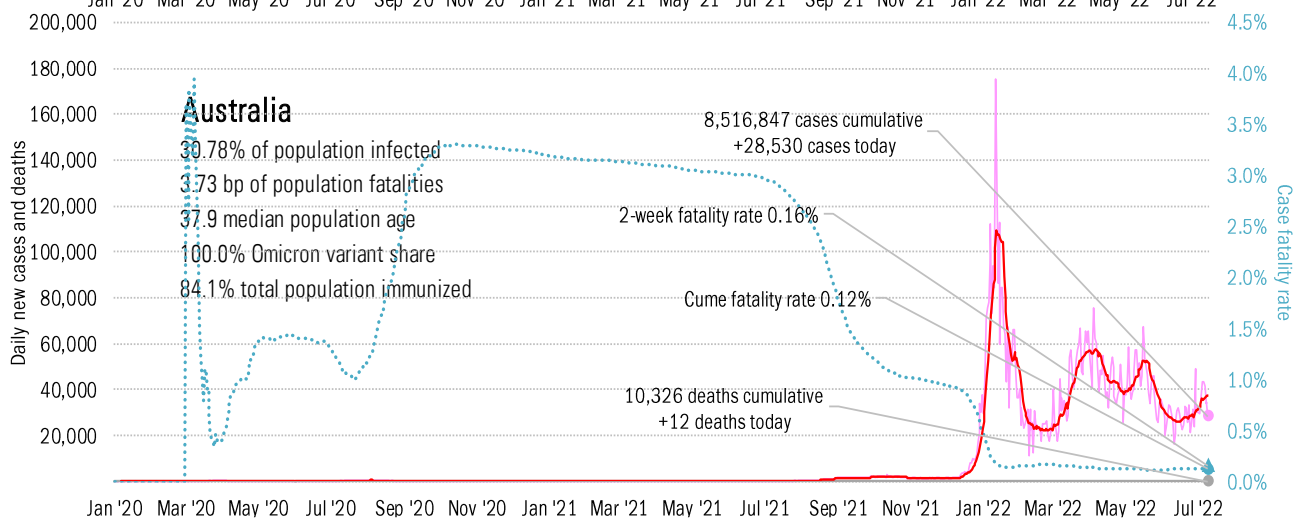
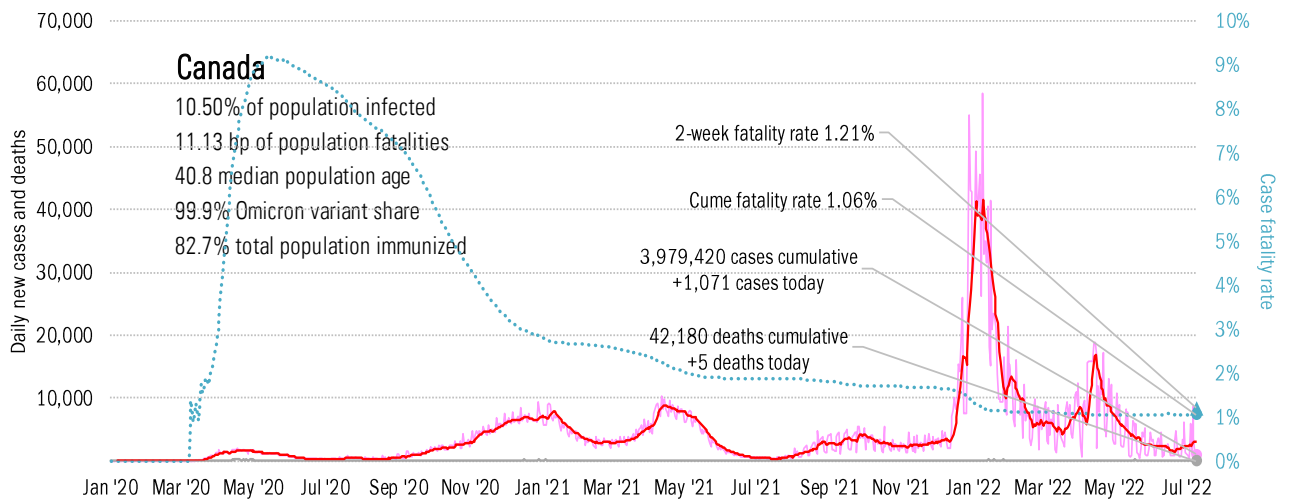
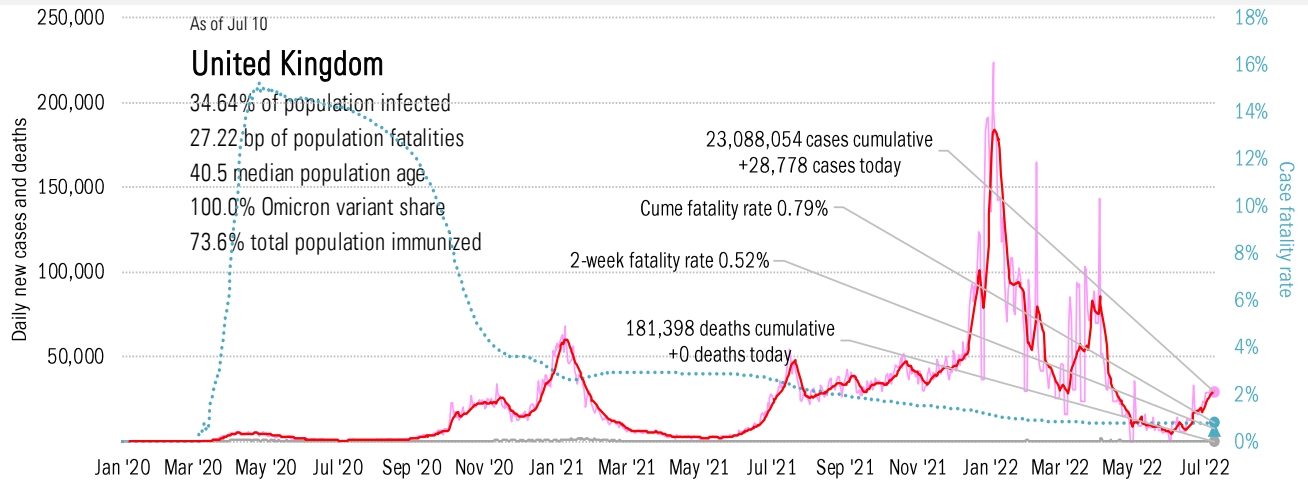
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

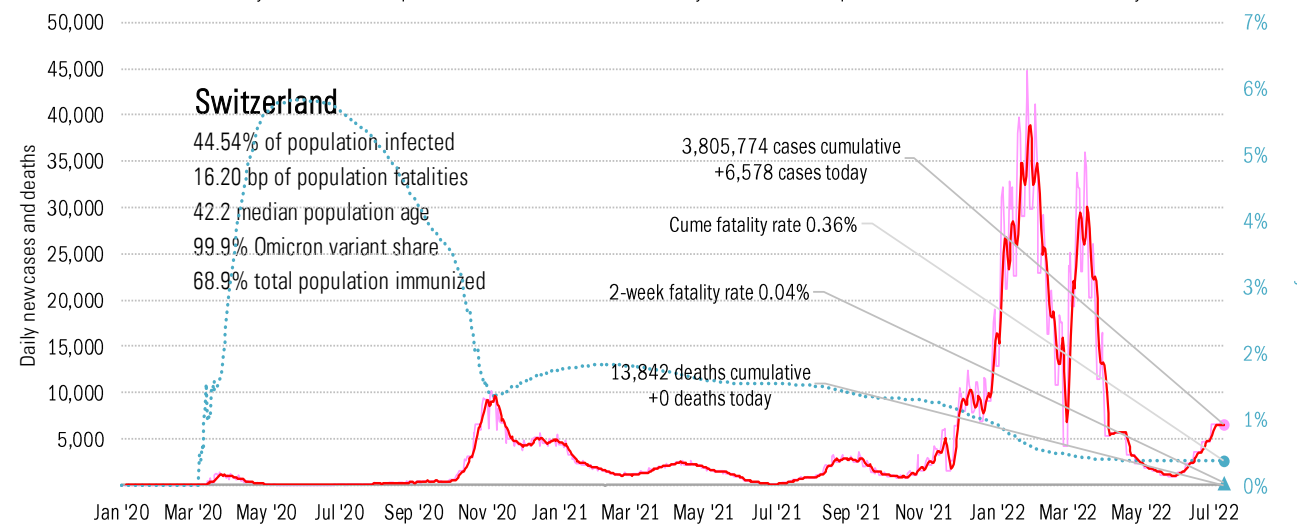
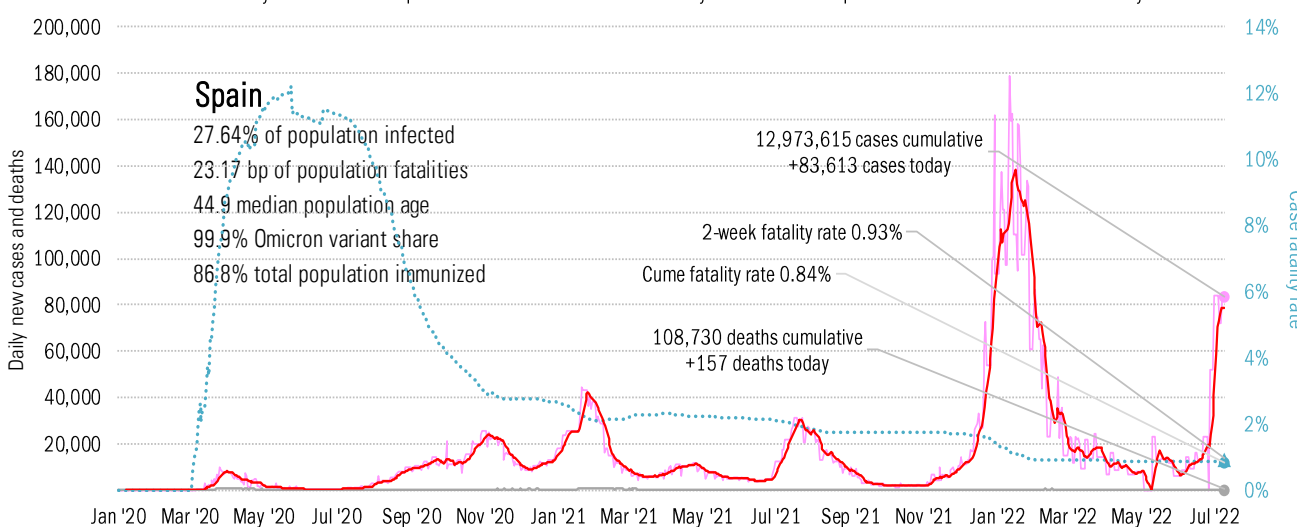
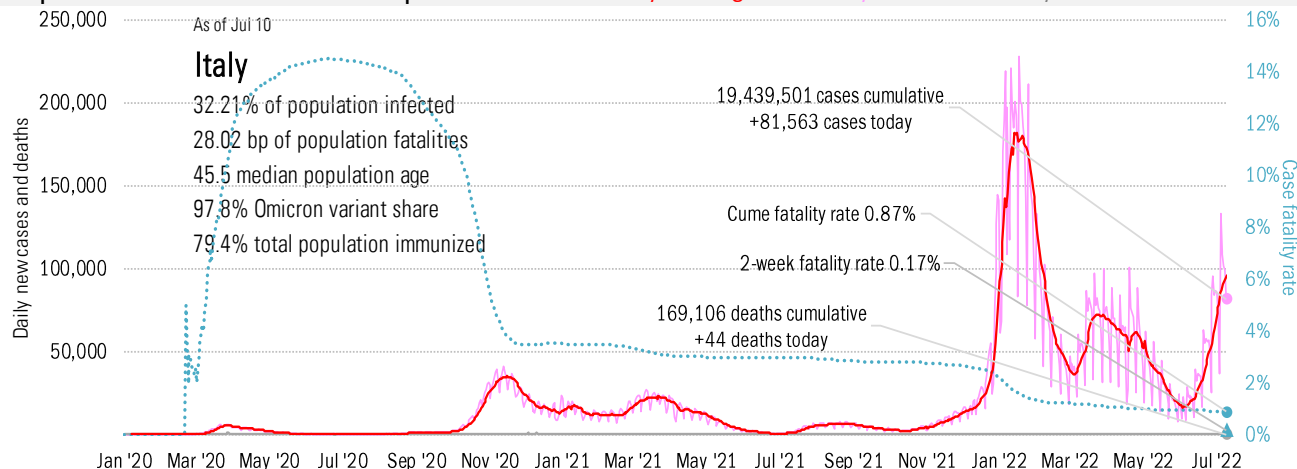
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

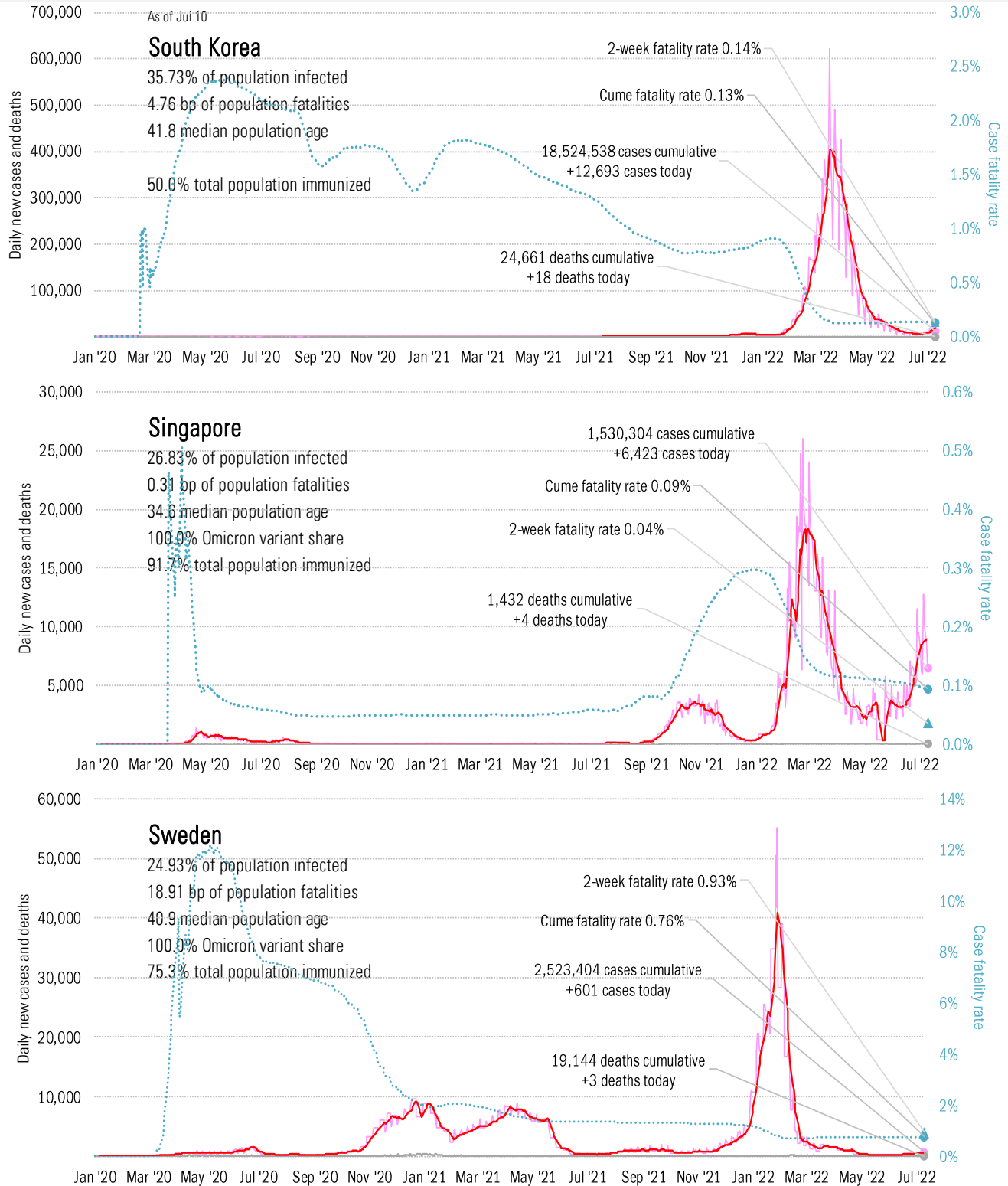
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

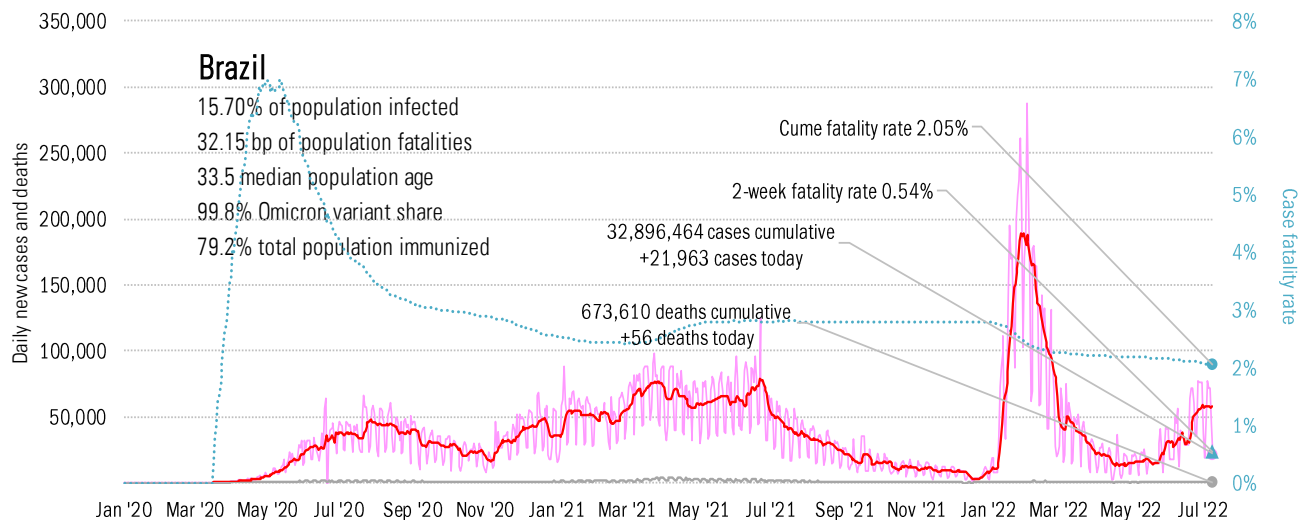
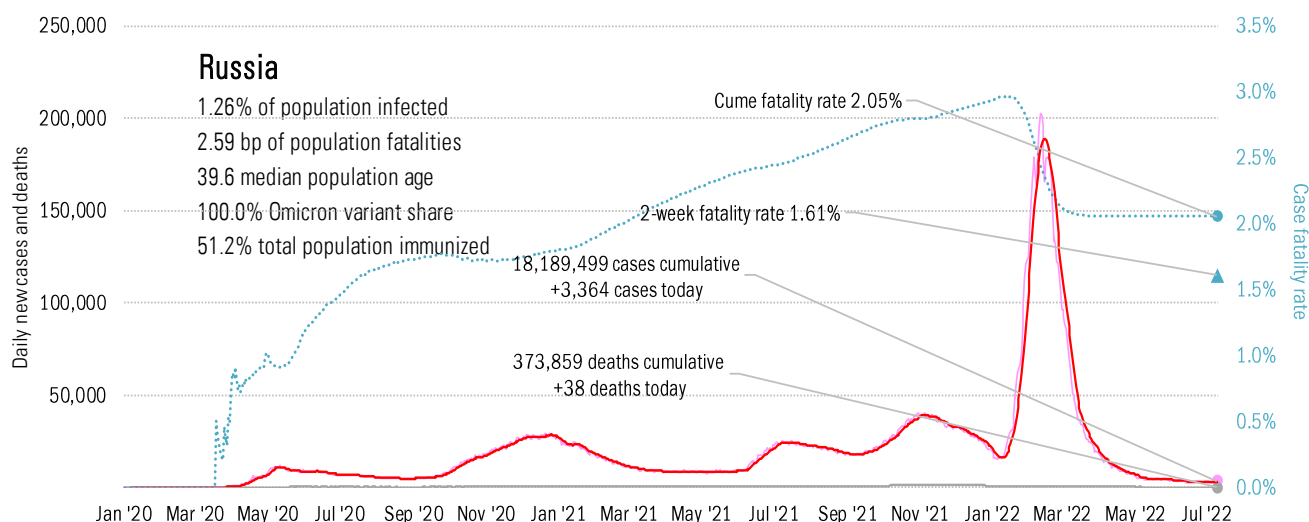
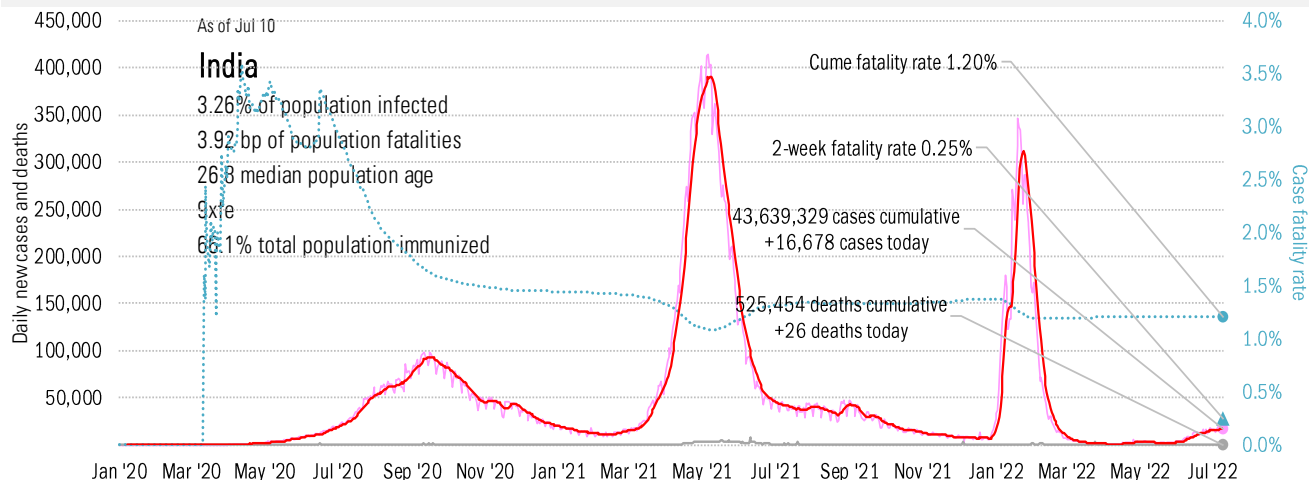
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

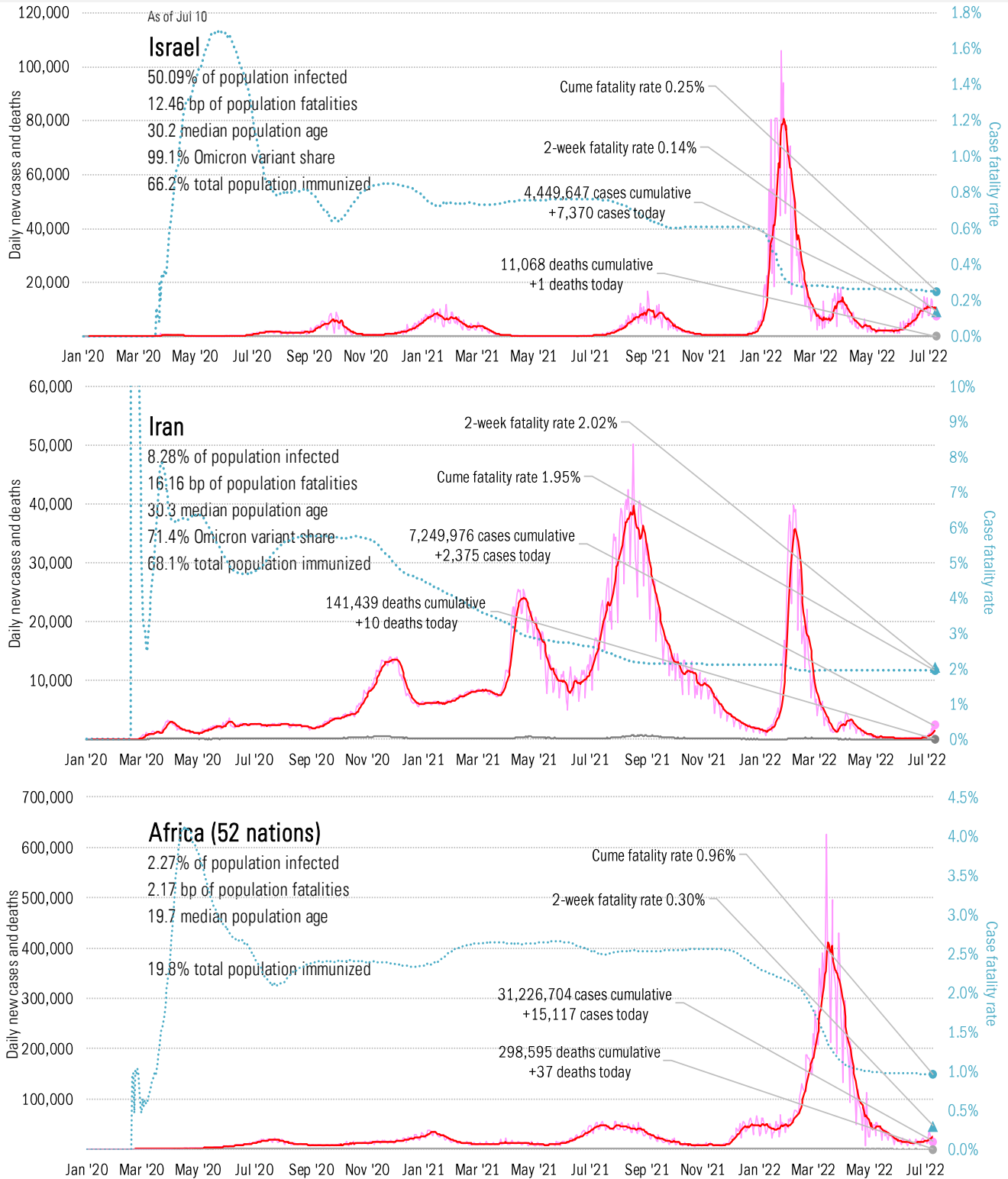
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

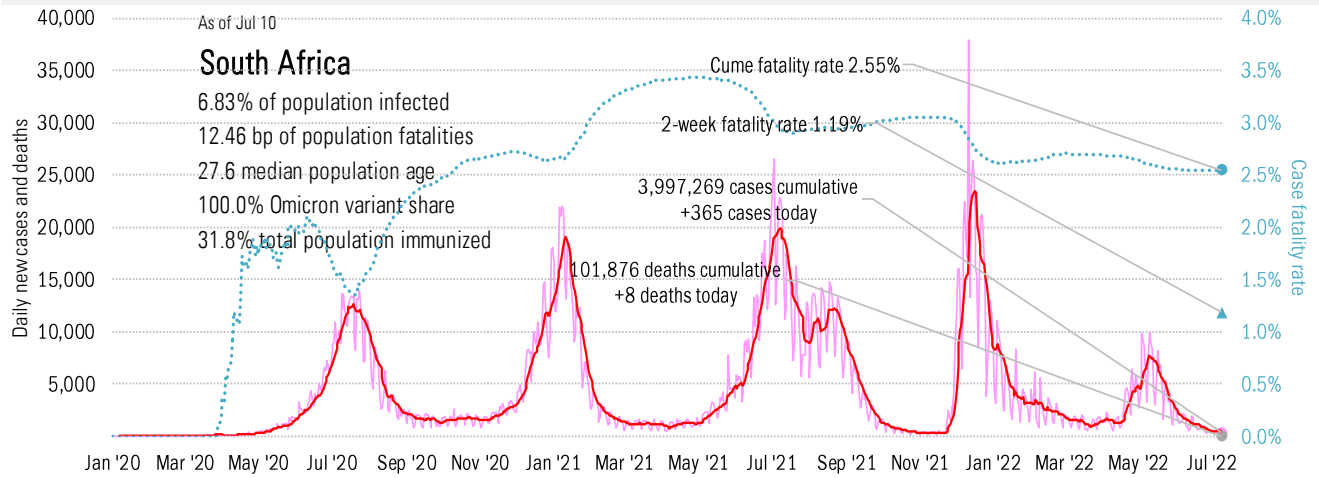
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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