

## Data Insights: Covid-2019 Monitor

Tuesday, July 19, 2022

### The global scorecard

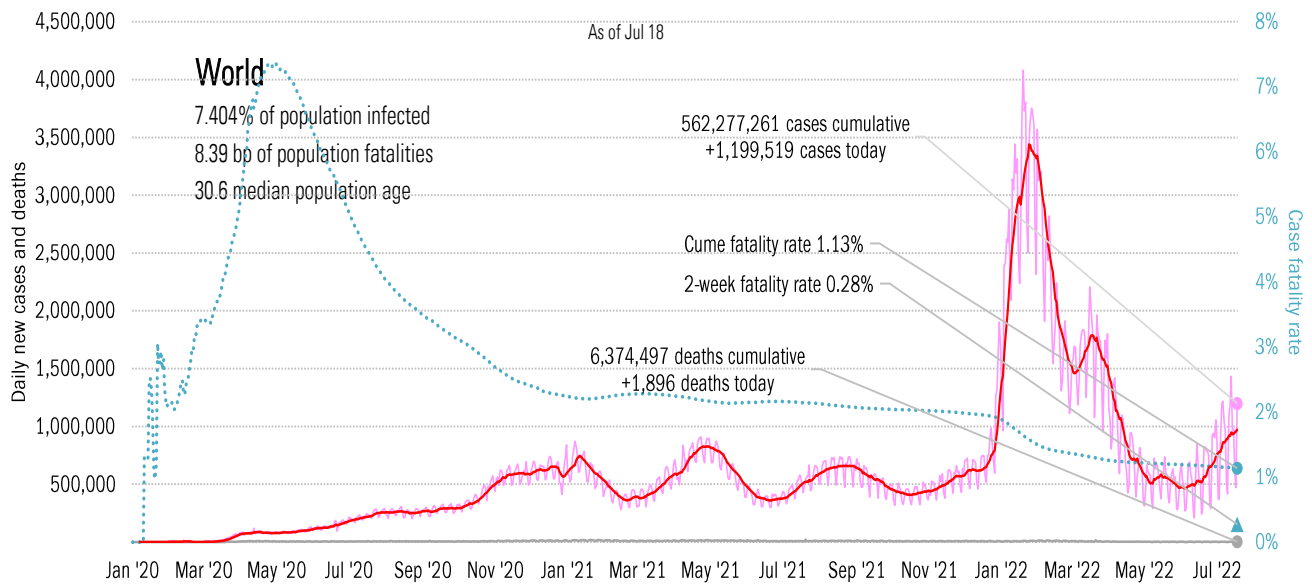
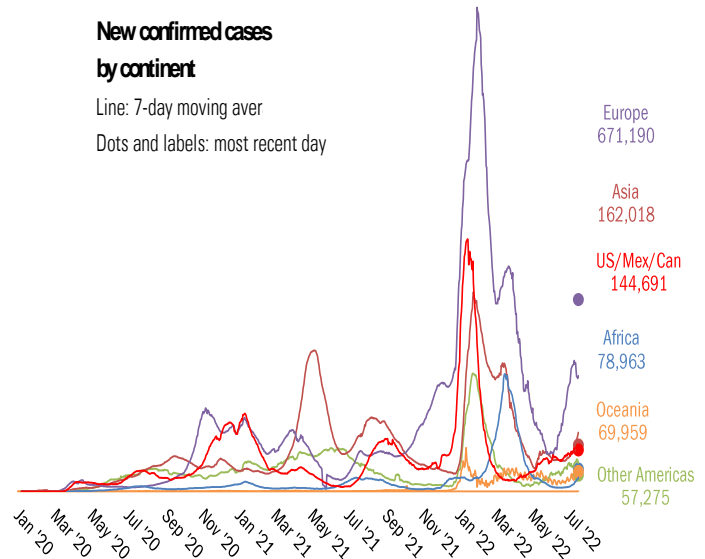
Cases: 7-day average and daily Deaths: Daily

#### The worst ten countries

New cases		New Deaths	
France	357,813	France	421
Germany	160,691	United States	410
United States	144,666	Brazil	168
Japan	76,150	Italy	112
Korea, South	73,537	Germany	102
Australia	51,973	Portugal	93
Brazil	38,697	Australia	79
Austria	36,824	Taiwan*	48
Italy	32,051	Chile	40
Portugal	20,470	Belgium	38
<b>992,872</b>		<b>1,511</b>	
World	1,199,519	World	1,896
Top ten	83%	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

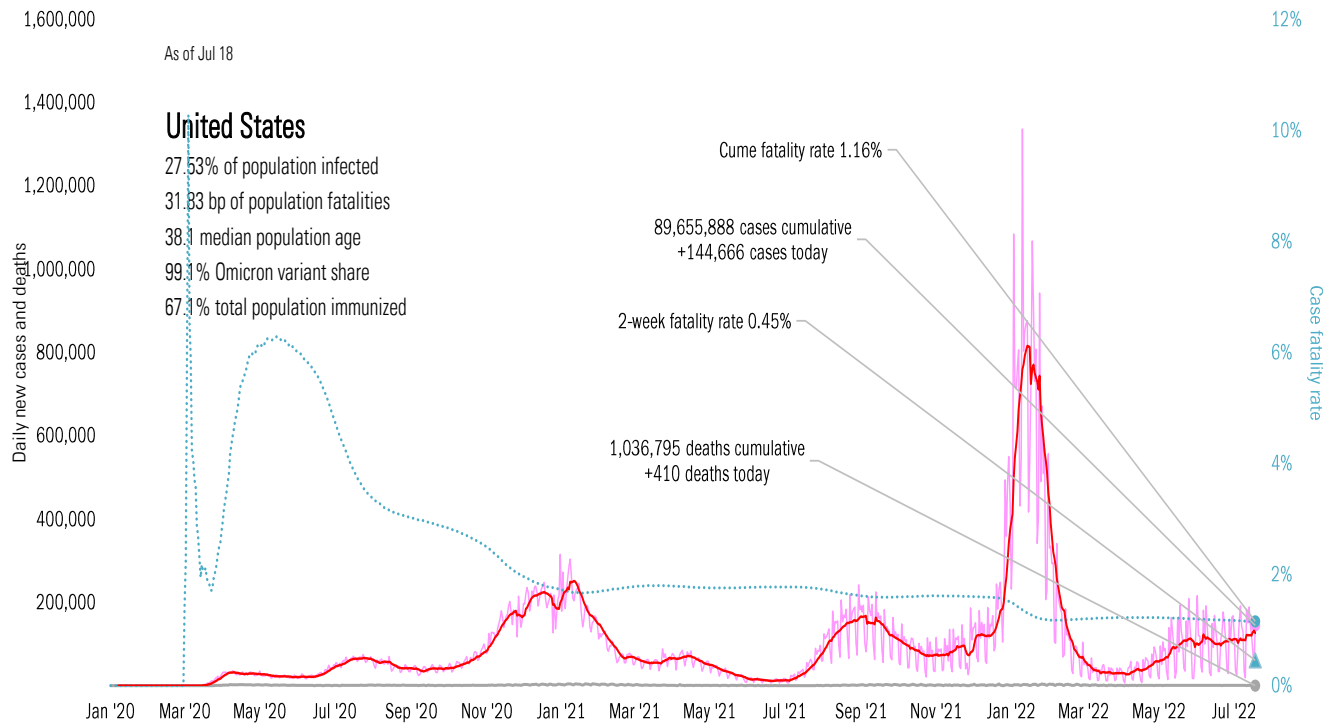
## The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use			
CA	18,640		FL	62		CA	785		CA	10,455,363		CA	92,932		TX	513,942		RI	91%		RI	90%	
NY	14,111		OR	34		GA	252		TX	7,399,056		TX	88,963		CA	462,619		MA	86%		TX	87%	
FL	13,240		WA	30		FL	693		FL	6,660,825		FL	76,777		FL	455,714		WA	85%		AK	83%	
TX	12,156		CA	29		KY	133		NY	5,735,705		NY	69,957		NY	276,507		MN	84%		MA	82%	
IL	11,248		NM	23		MA	122		IL	3,507,262		PA	45,949		GA	213,248		WV	83%		AL	82%	
WA	7,486		NY	23		AL	130		PA	3,038,076		CH	38,959		CH	202,932		AK	82%		NC	81%	
VA	7,373		CO	22		IN	114		NC	2,919,068		GA	38,821		PA	189,859		MO	82%		VT	80%	
AL	5,952		IL	18		IL	210		CH	2,891,756		IL	38,755		IL	172,259		GA	82%		WA	79%	
KY	5,944		VA	11		MN	72		GA	2,694,160		MI	37,142		MI	151,840		DE	82%		DE	78%	
LA	5,414		TX	9		CH	188		MI	2,636,214		NJ	34,163		KY	137,730		MD	81%		NM	78%	
101,564			261			2,699			47,937,485			562,418			2,776,650								
All states			410			5,874			All states			1,036,795			5,041,219			All states		70%		67%	
Top ten			64%			46%			Top ten			55%			55%			Median		75%		72%	

Some states not reporting

## Five most improved US states

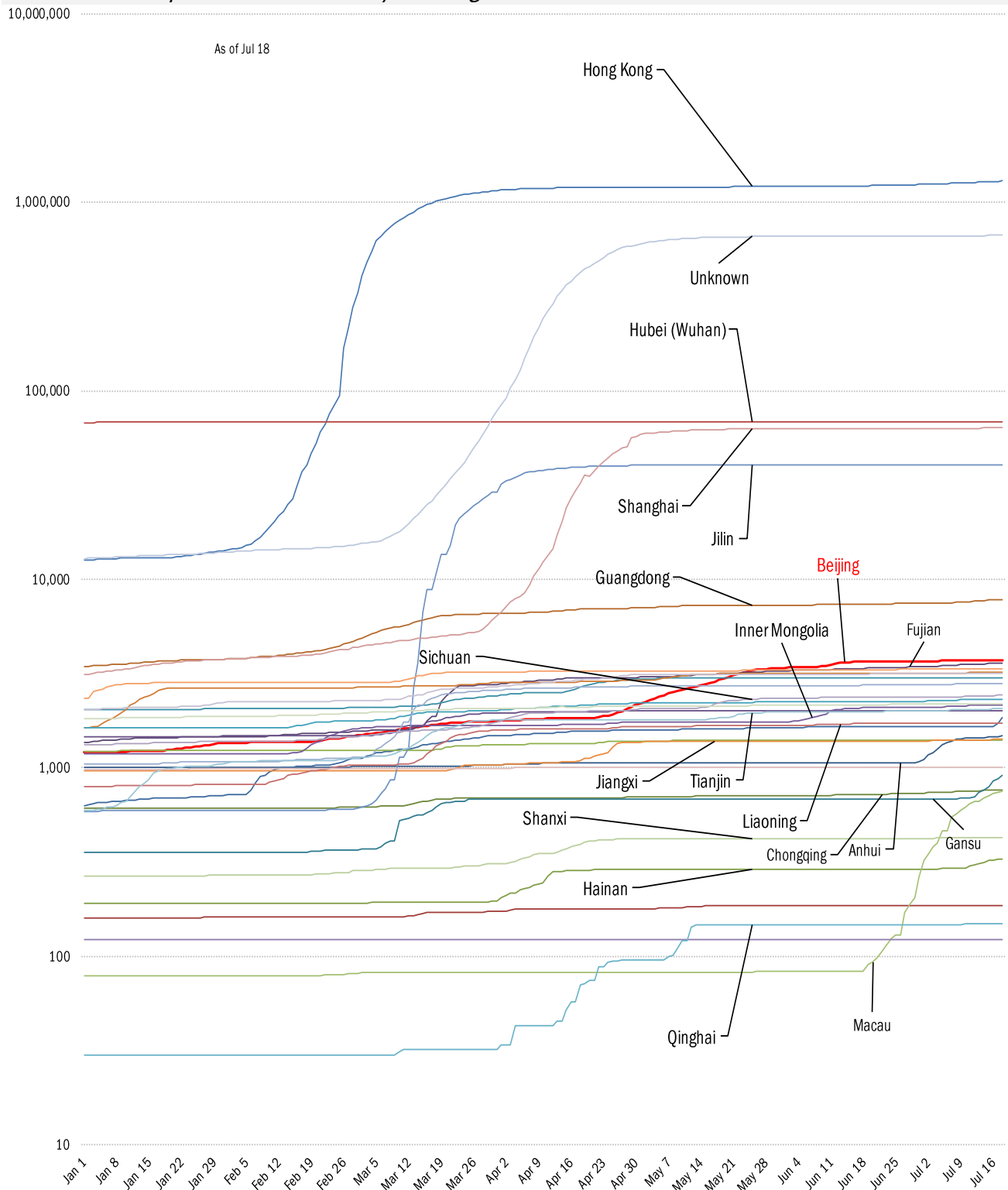
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
FR	-2,537	AK	0	NY	-110	WY	#####
NJ	-1,077	AS	0	TX	-87	MO	#####
IA	-473	CT	0	LA	-44	ID	#####
AR	-112	DE	0	NC	-38	AZ	+6508064 bp
AK	0	GA	0	IA	-27	NV	+5587054 bp



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"*

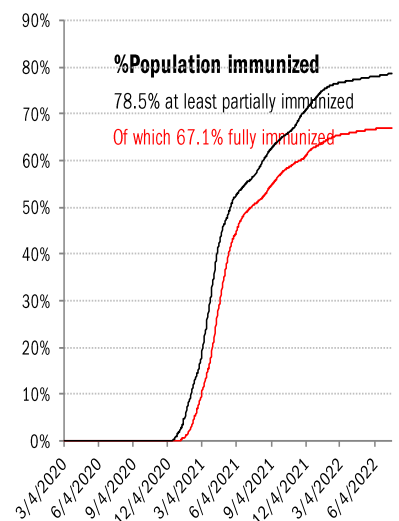
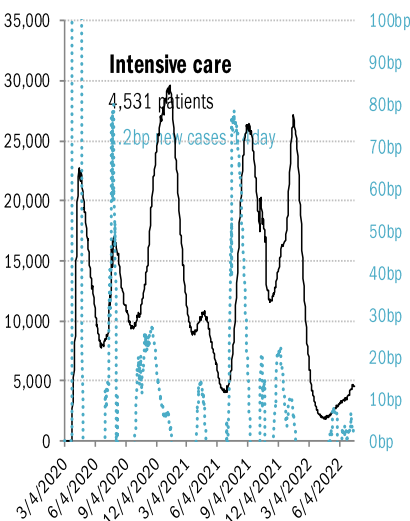
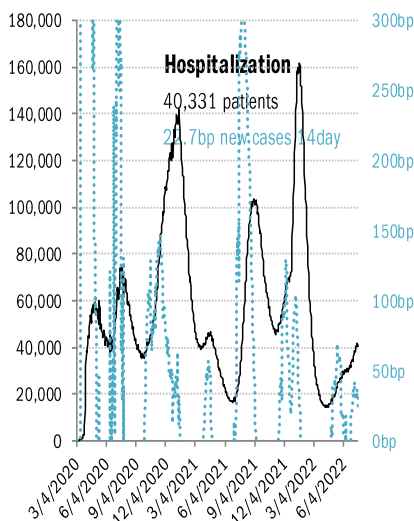
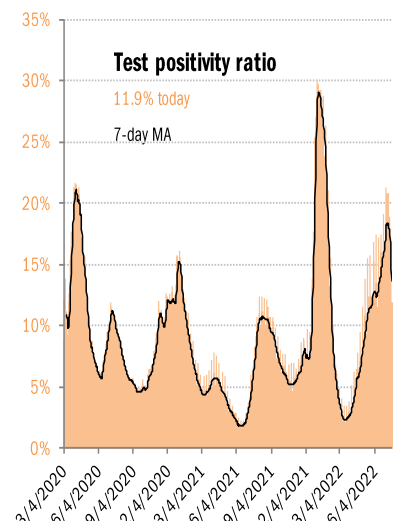
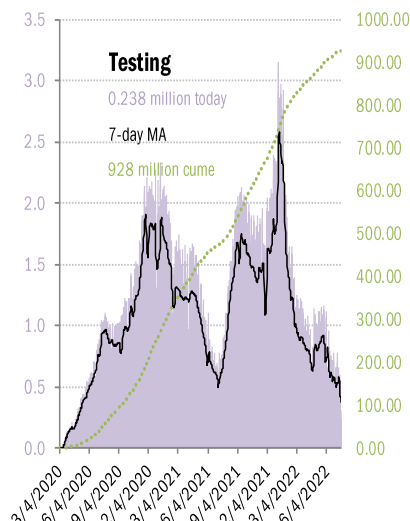
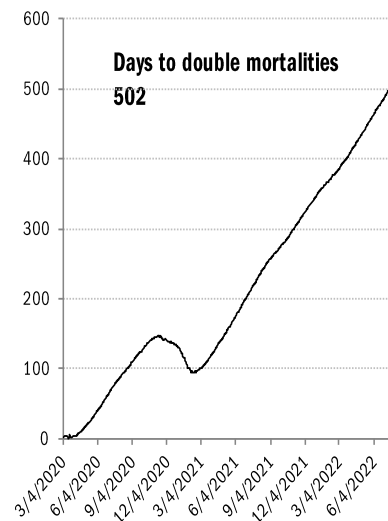
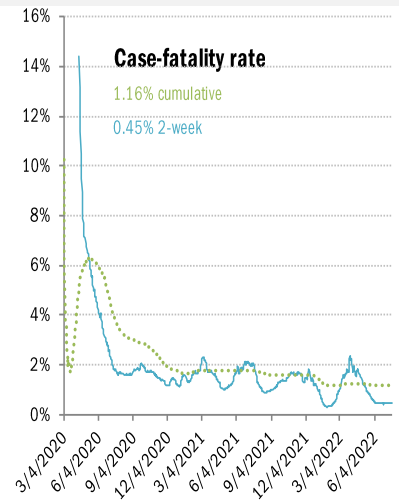
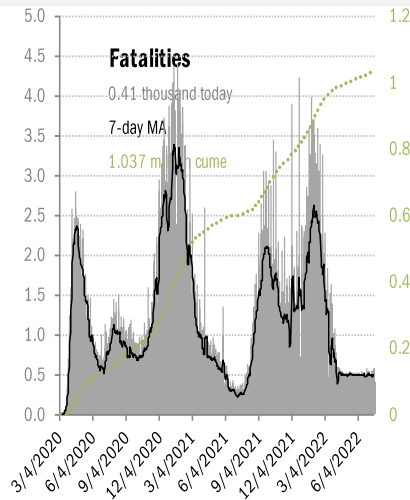
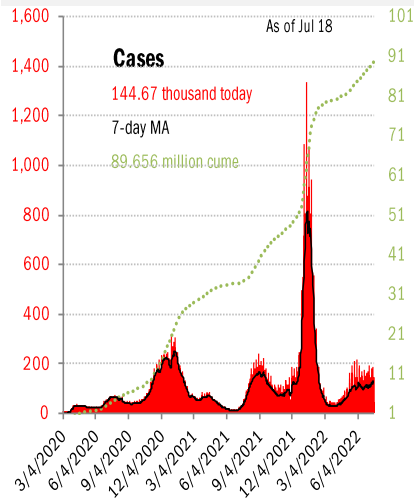


Source: [Johns Hopkins](#), TrendMacro calculations

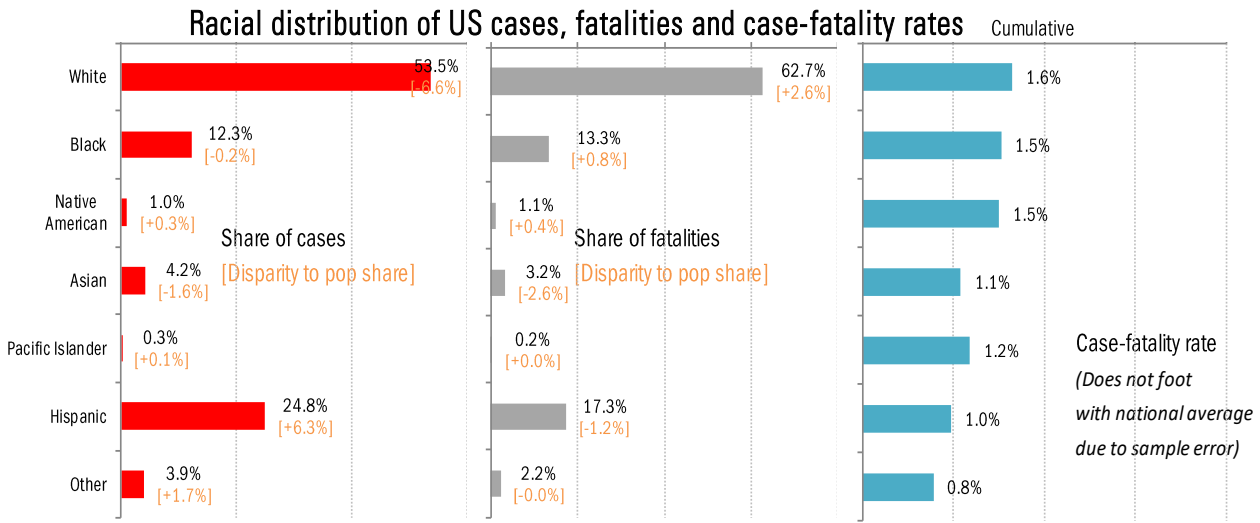
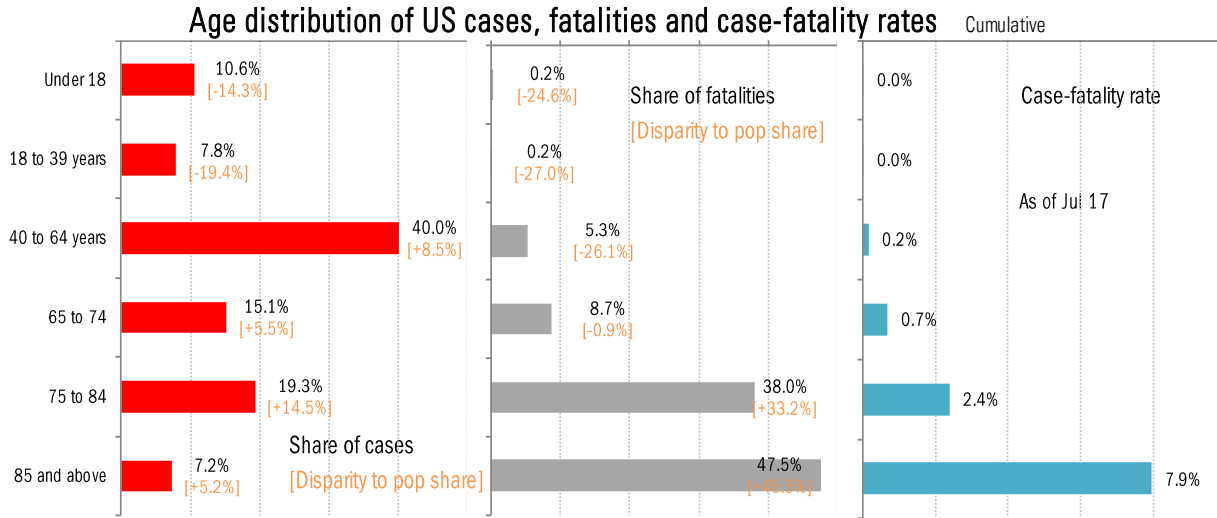


# US deep-dive

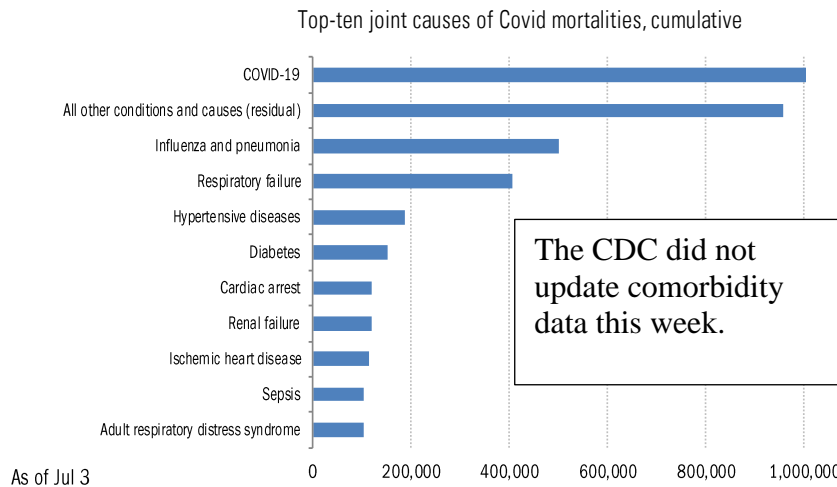
National and state-by-state data do not line up because of different sources



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



### Comorbidities



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

### [Deborah Birx's Guide to Destroying A Country From Within](#)

Michael Senger  
*Brownstone Institute*  
July 15, 2022

### [Vinay Prasad on the Pandemic](#)

Russ Roberts  
*EconTalk*  
July 18, 2022

### [Sick Honeybees Could Find Salvation in Covid Vaccine Technology](#)

Jen Skerritt  
*Bloomberg*  
July 18, 2022

### [Fauci says he'll retire by end of Biden's term](#)

Oriana Gonzalez  
*Axios*  
July 18, 2022

### [Trump aide claims Covid 'came out of the box ready to infect' - claiming virus was being worked on by scientists in a Chinese lab](#)

Ethan Ennals  
*Daily Mail*  
July 17, 2022

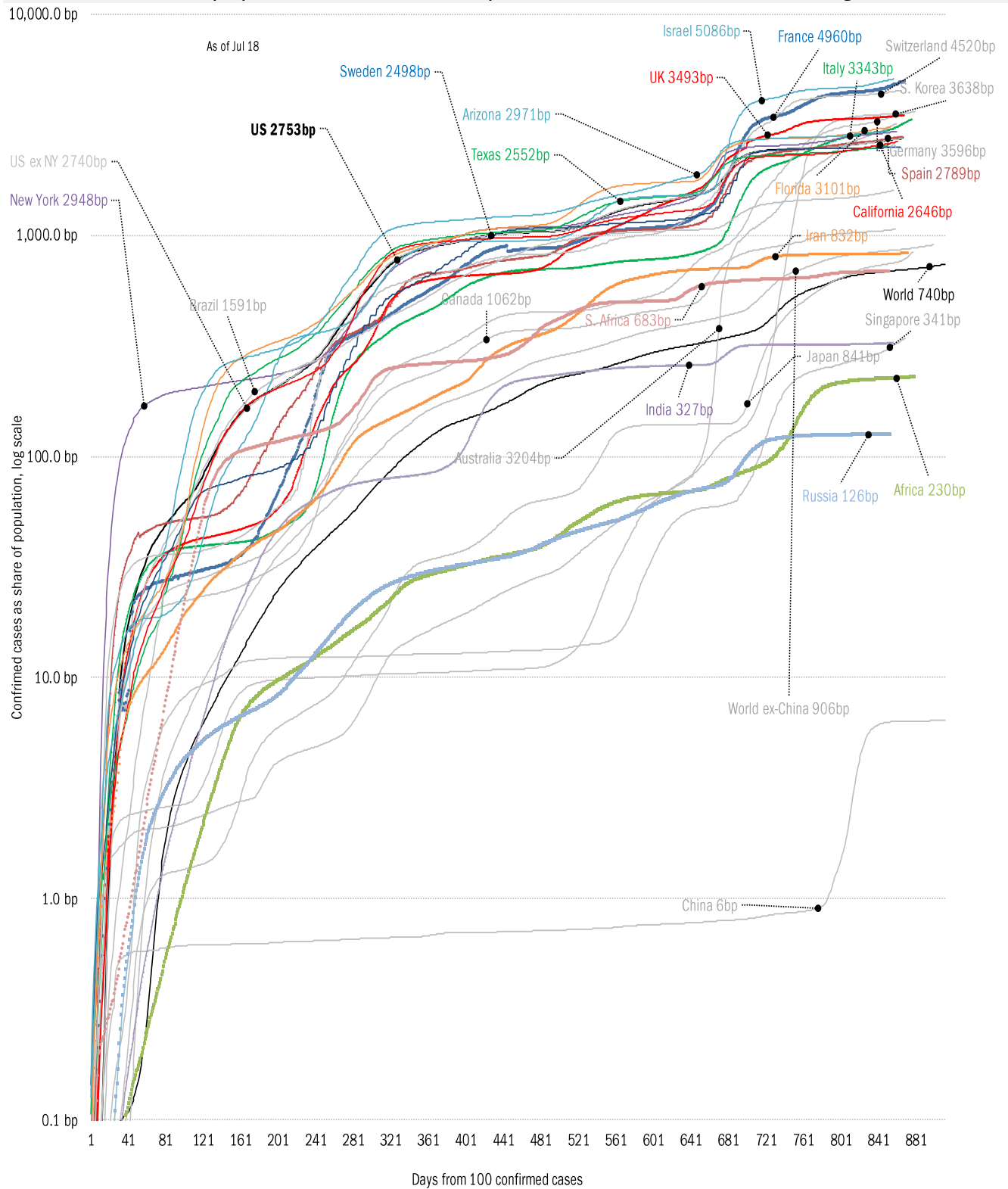
## Meme of the day



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

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

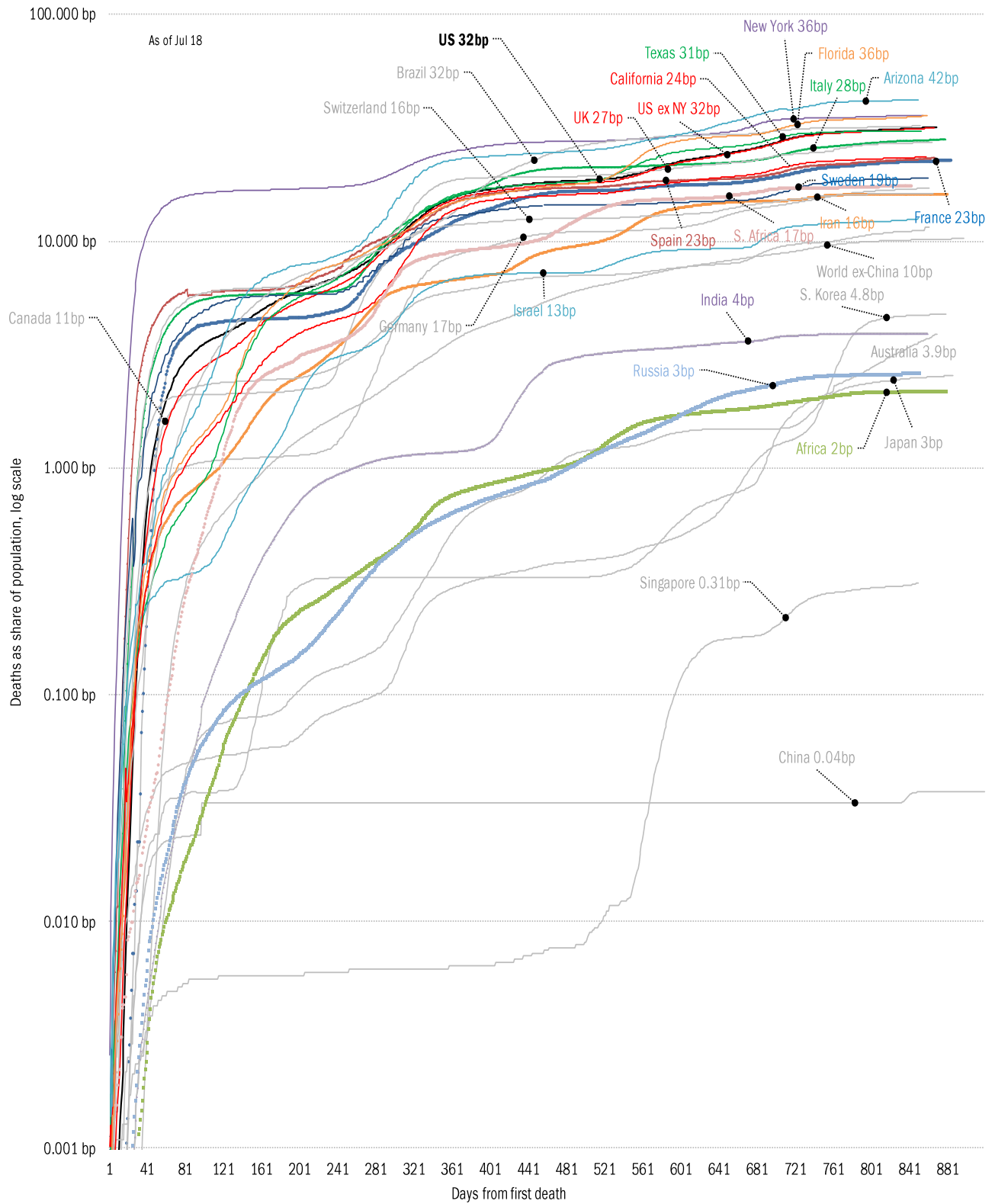
*Share of infected population from first day with 100 confirmed cases, log scale*



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*

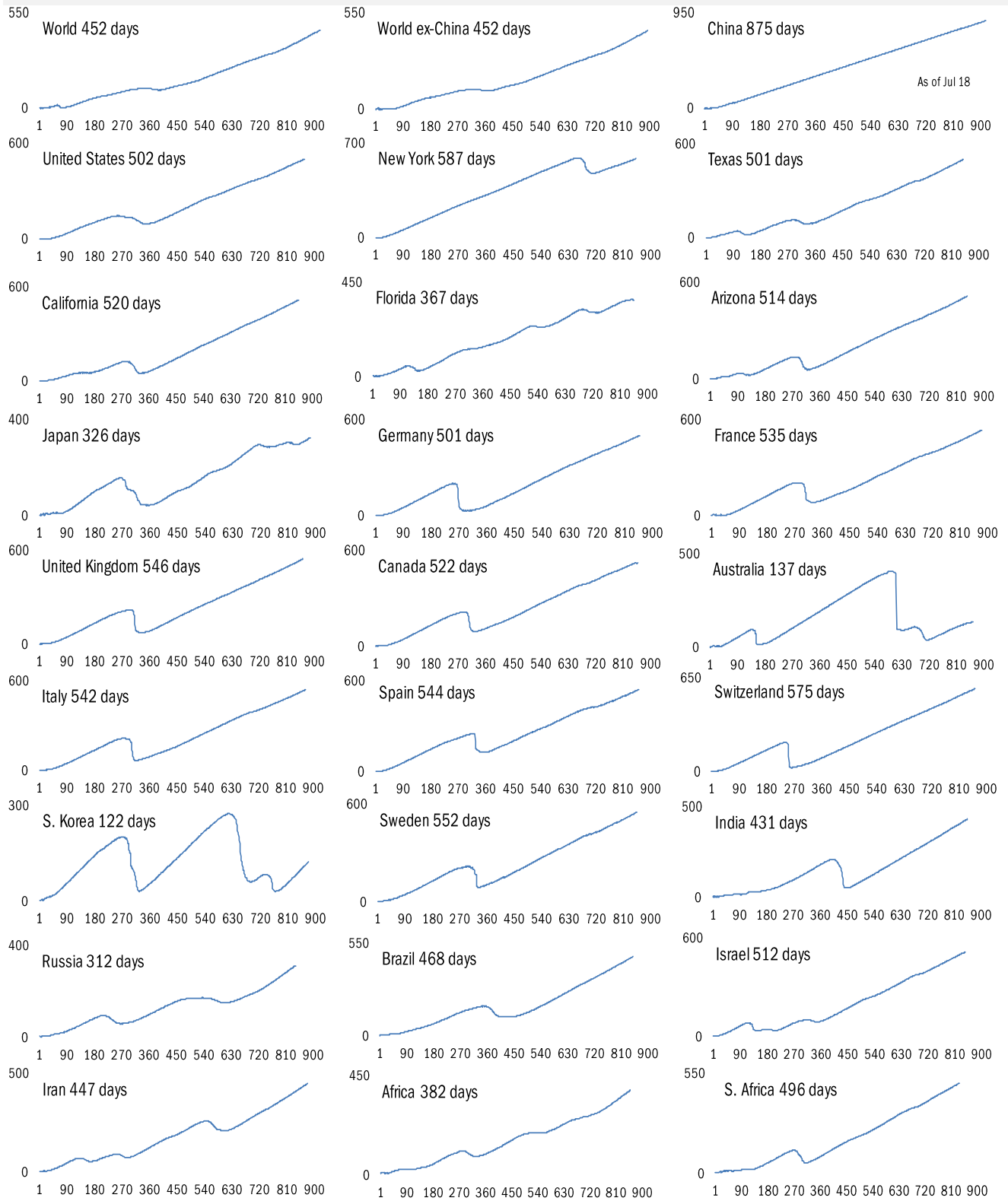


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

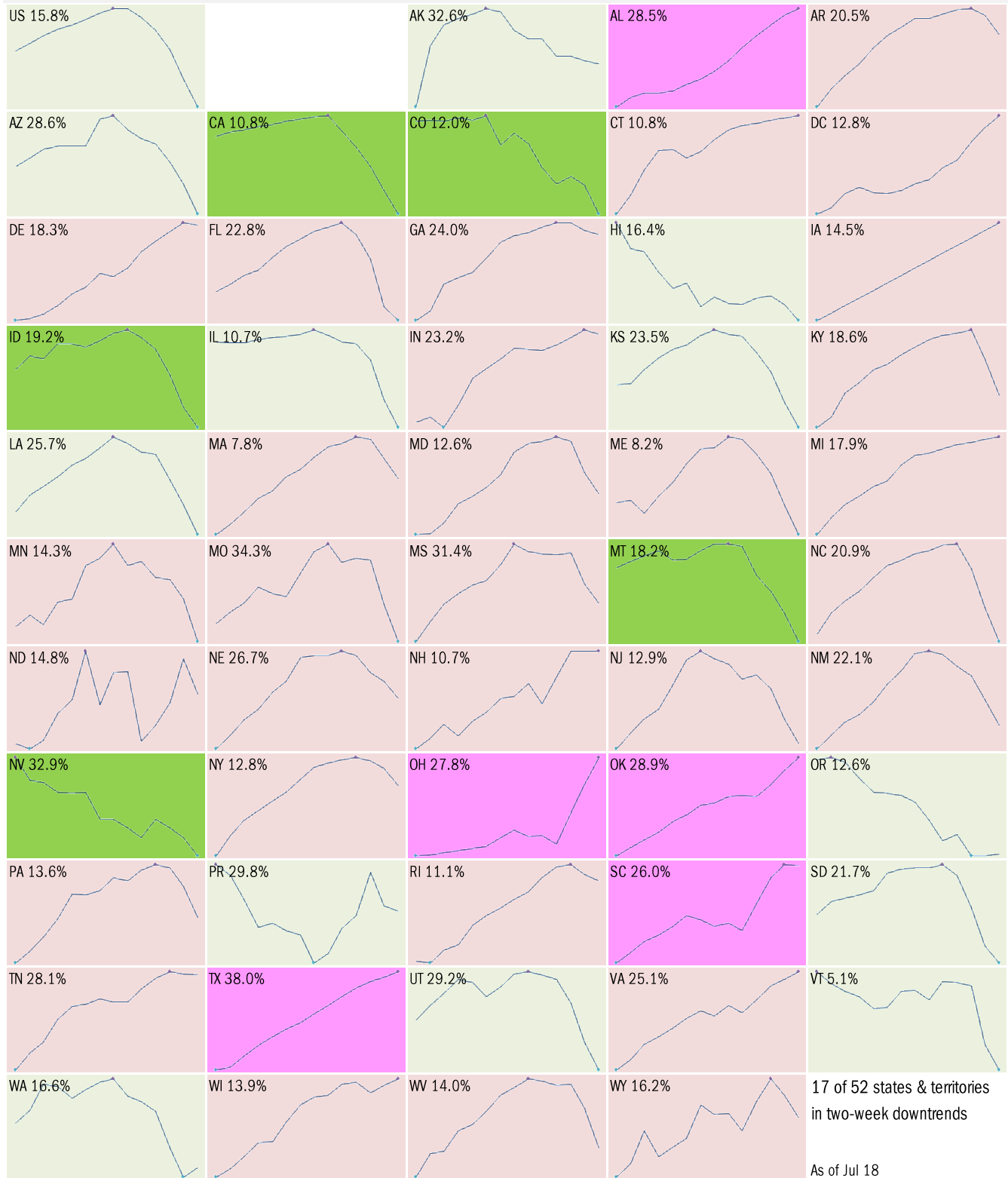


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

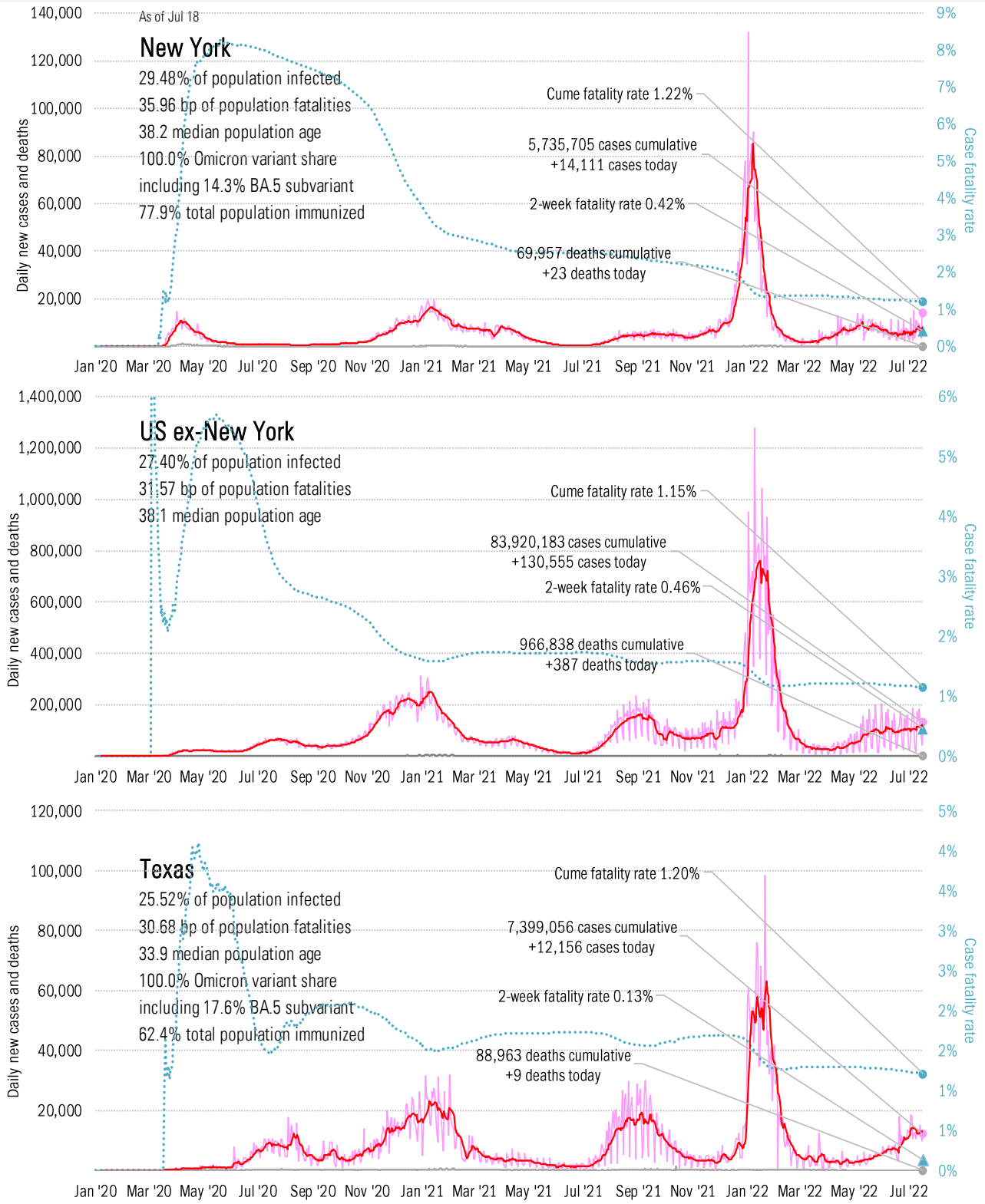
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

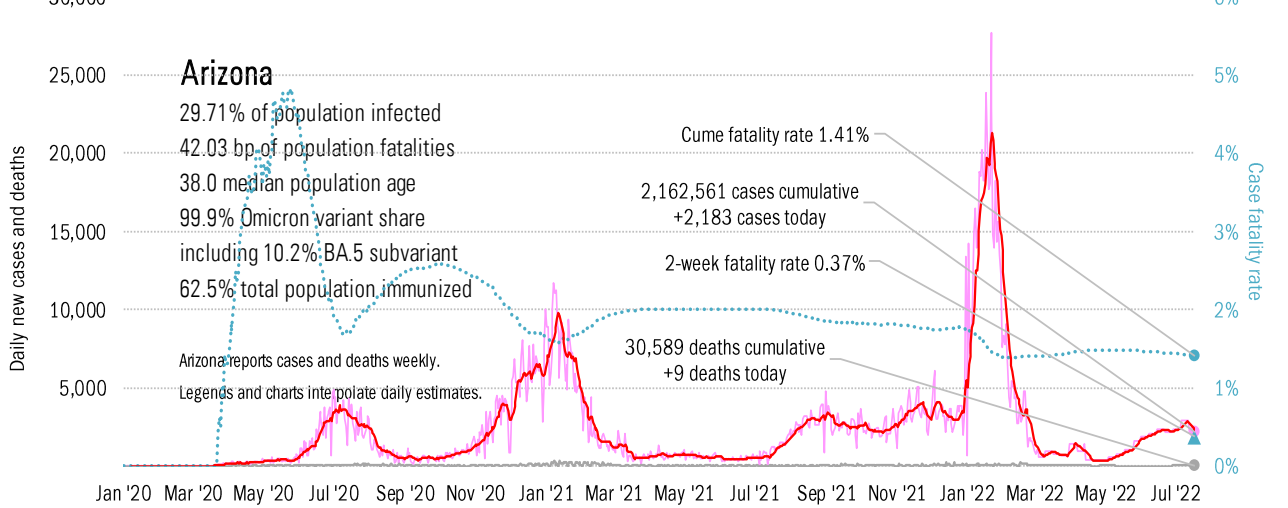
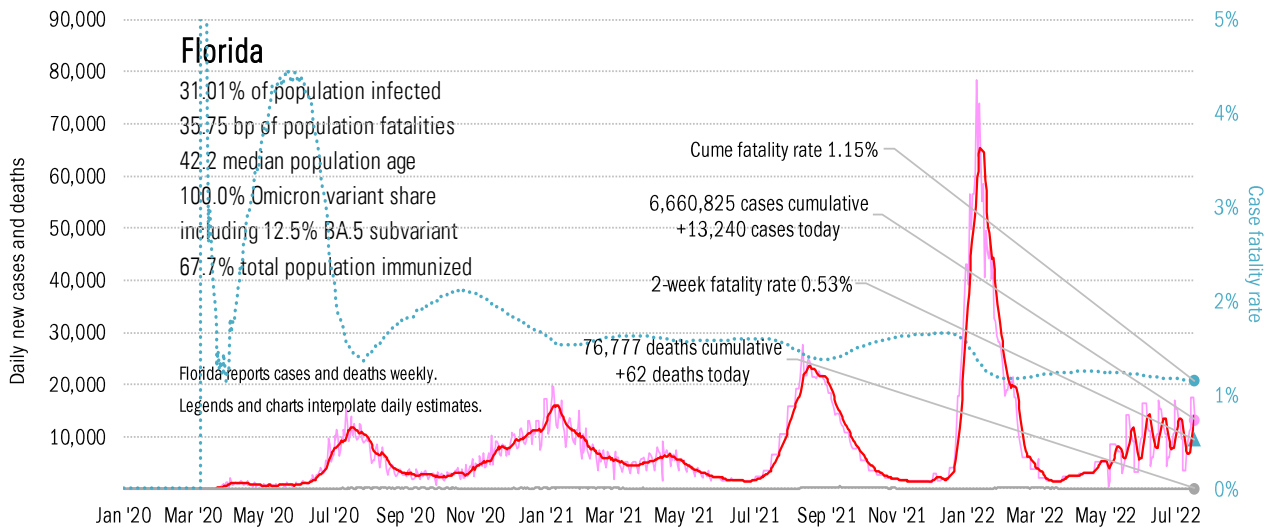
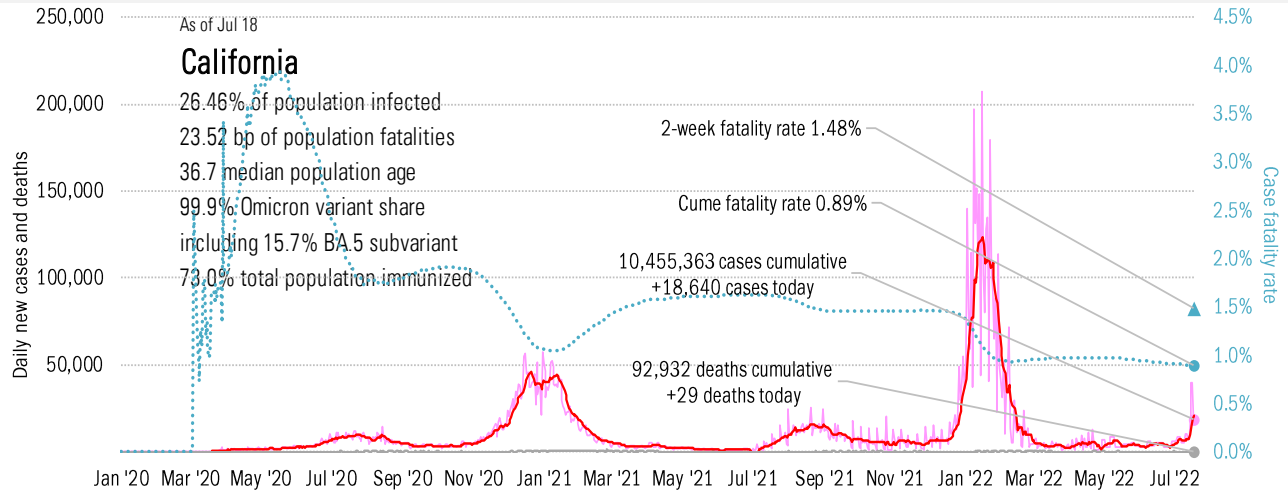
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

Cases: 7-day average and daily Deaths: Daily

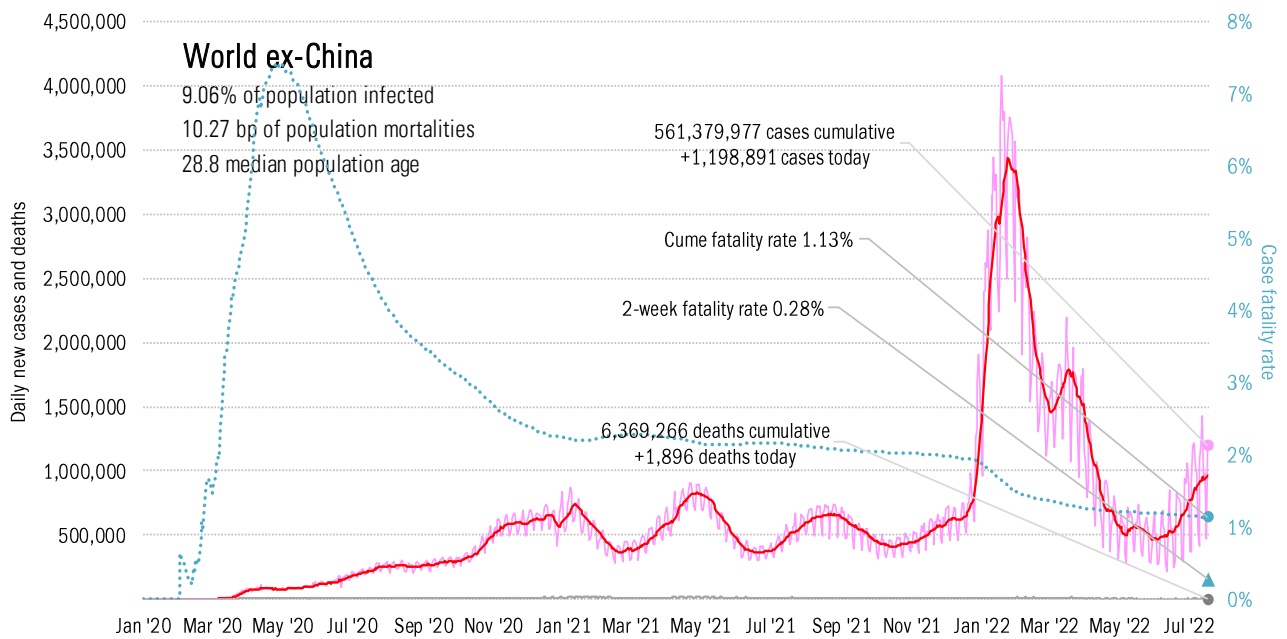
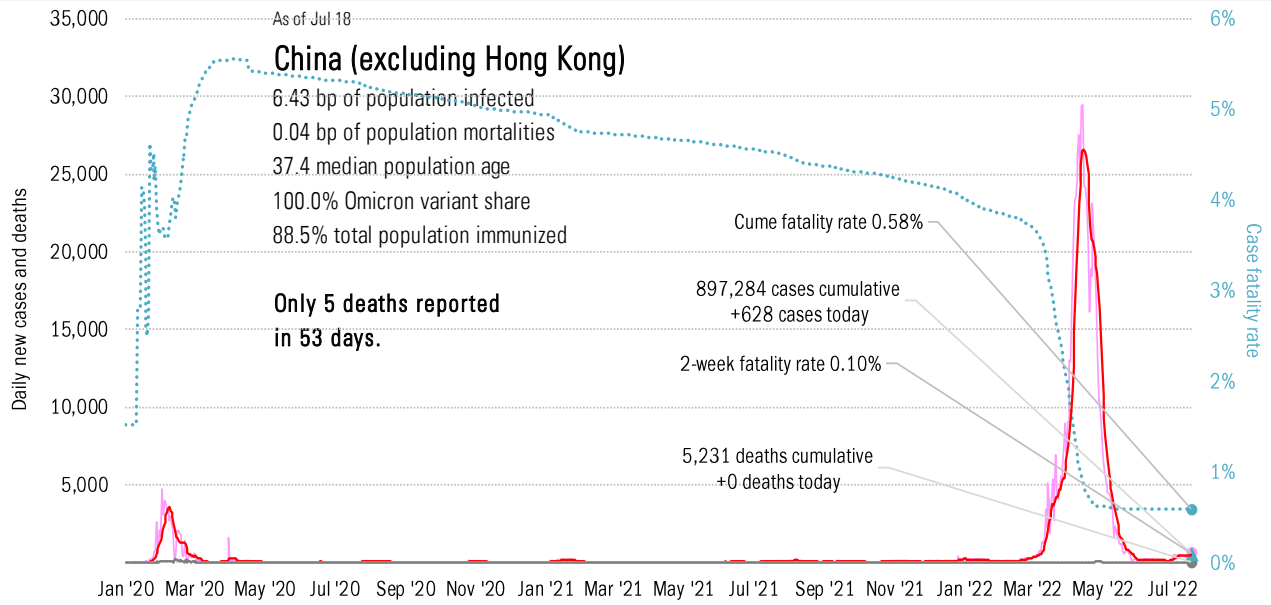


Source: [Johns Hopkins](#), TrendMacro calculations



# Patient zero... and then everyone else

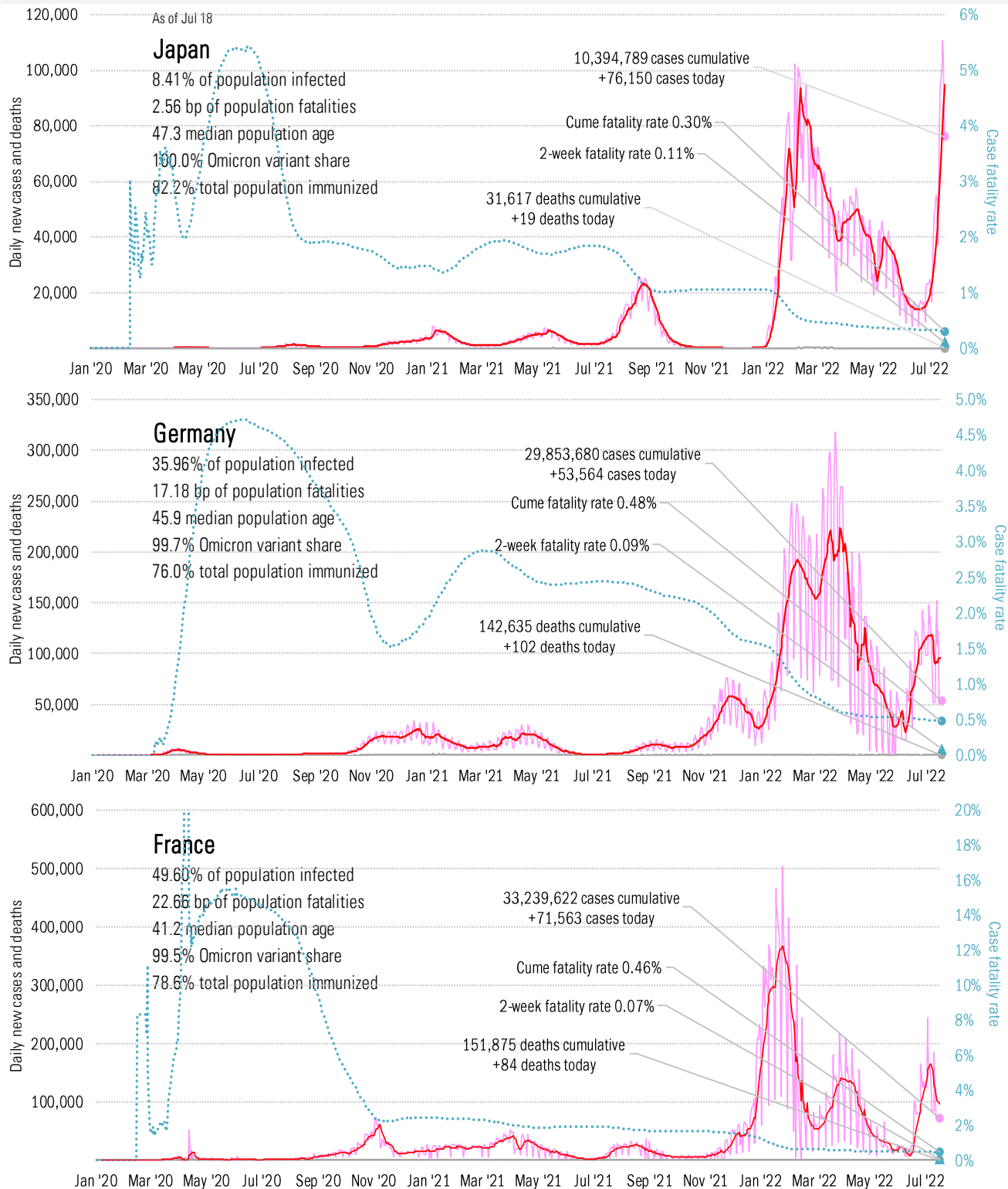
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

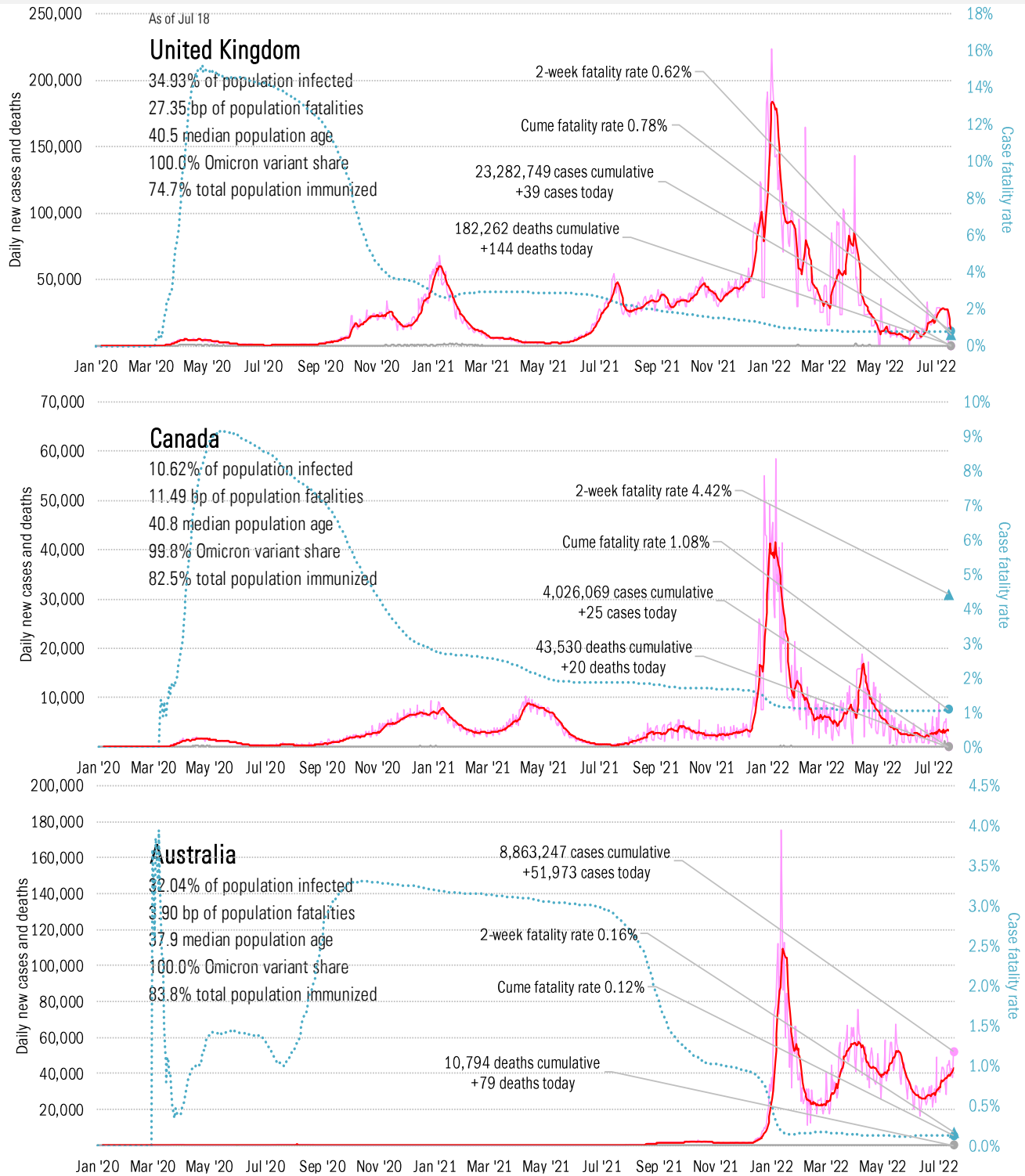
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

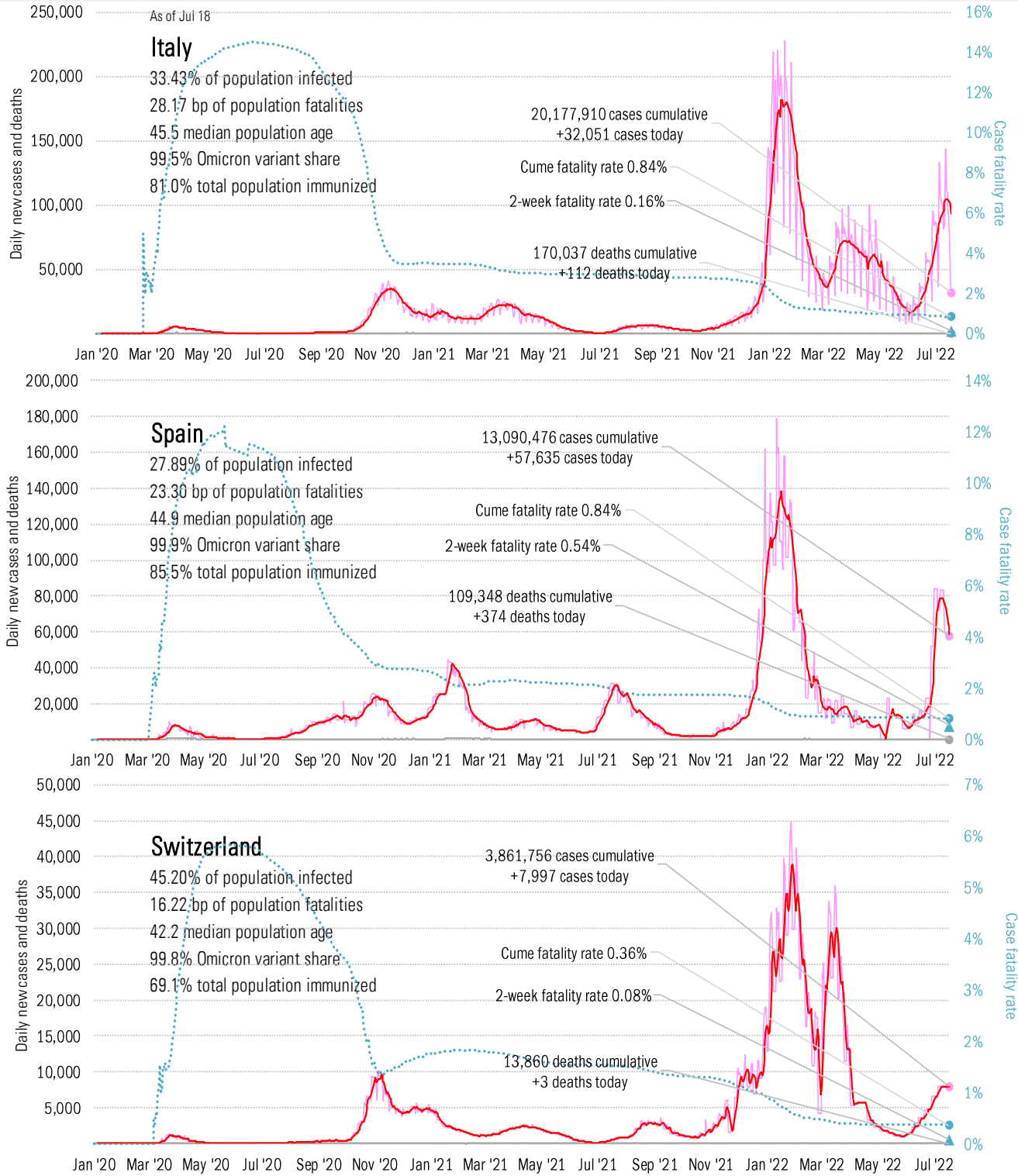
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

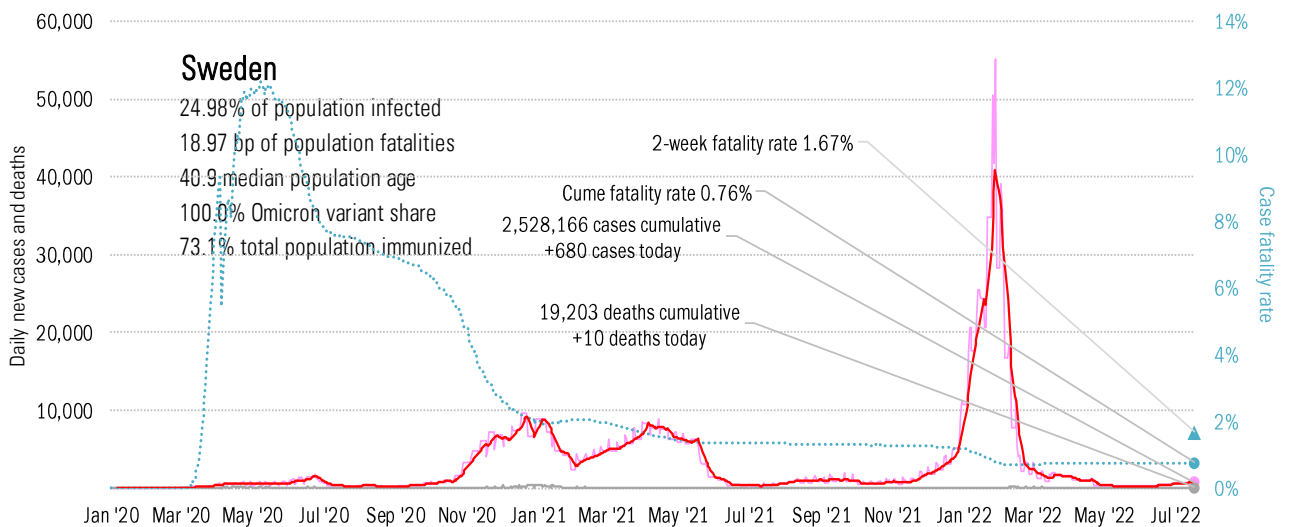
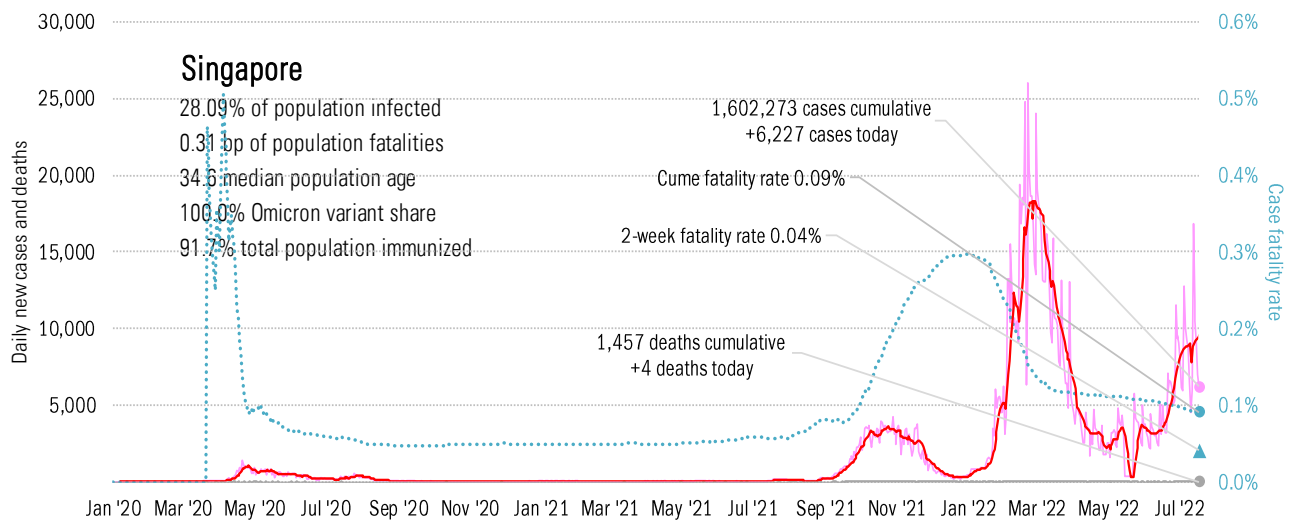
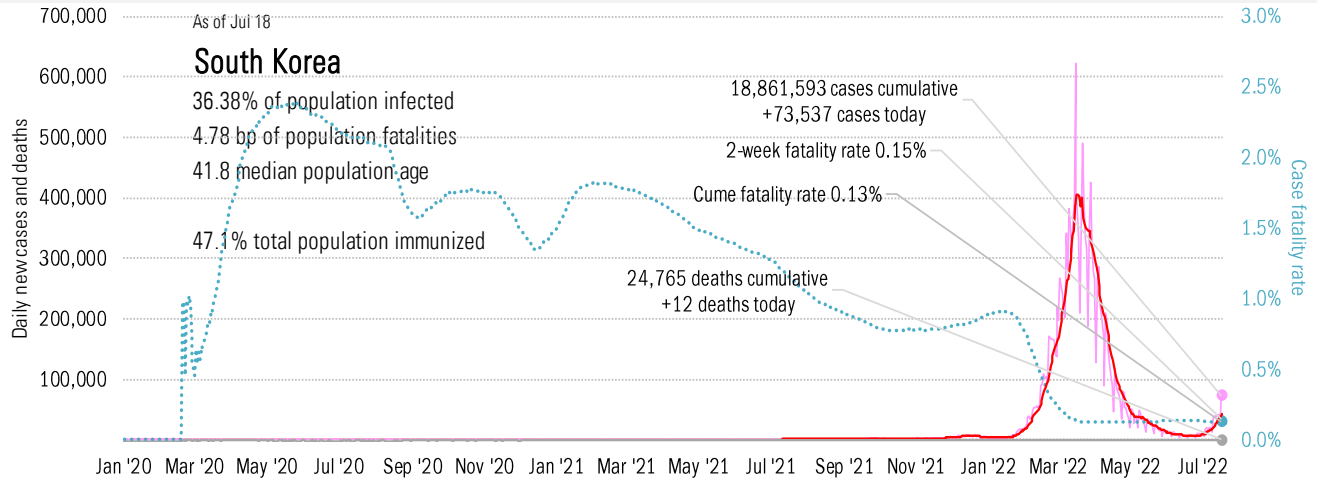
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

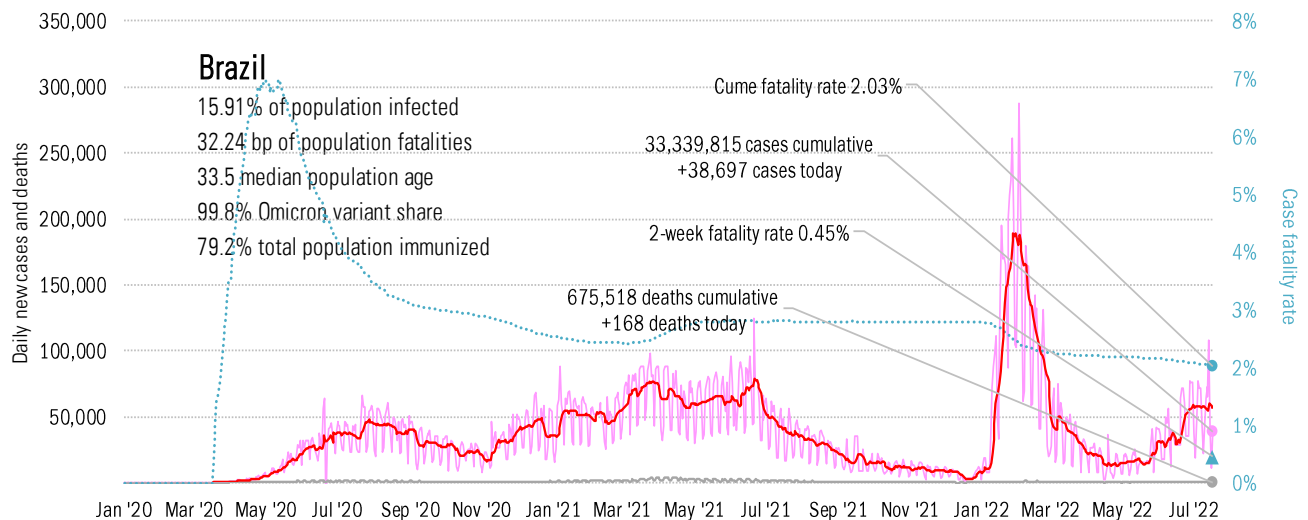
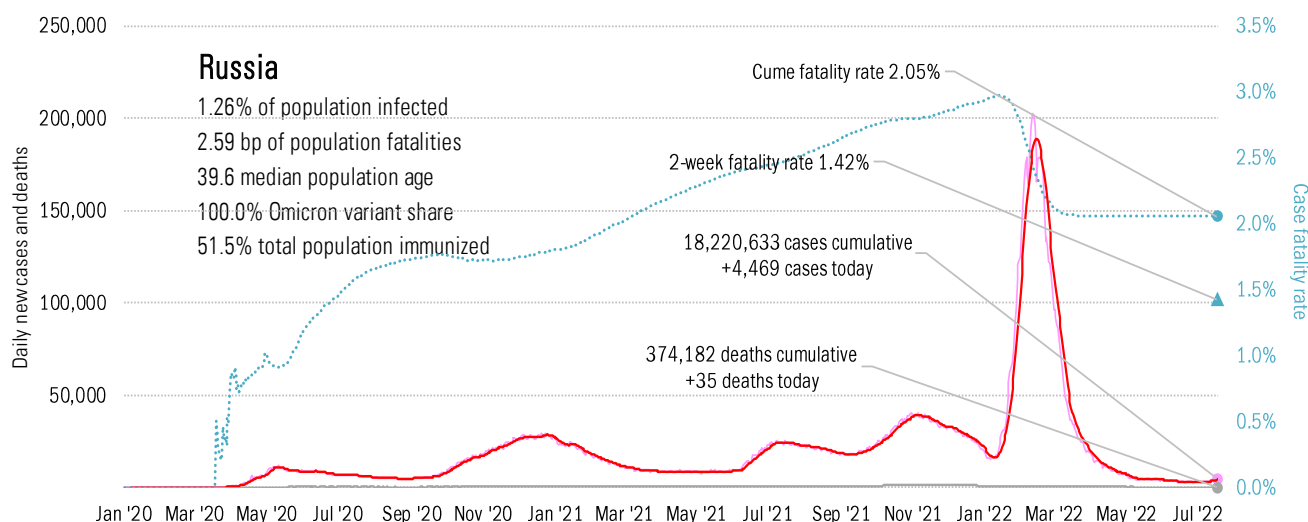
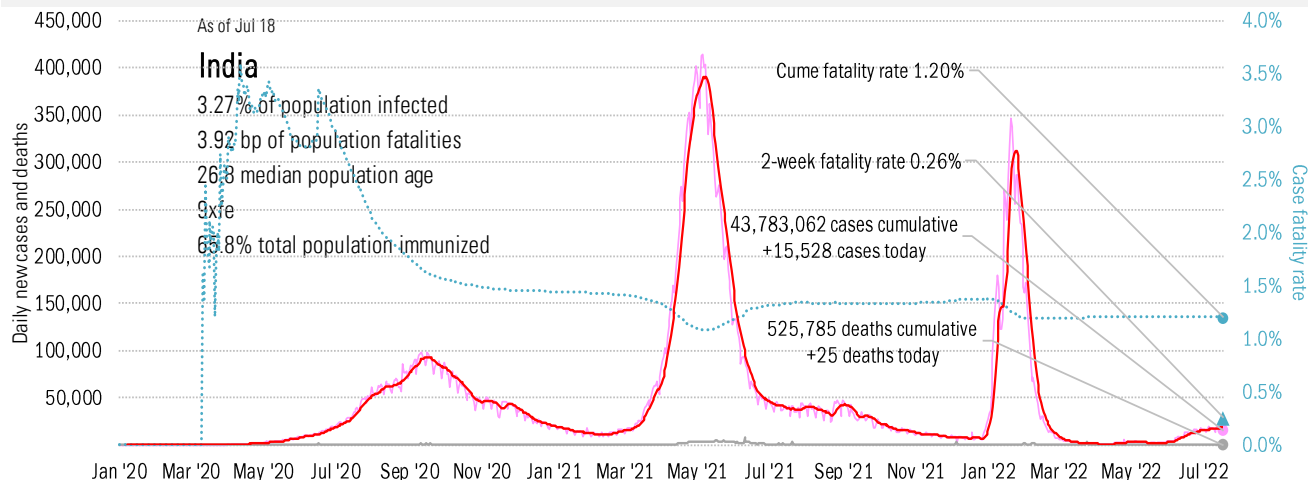
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

Cases: 7-day average and daily Deaths: Daily

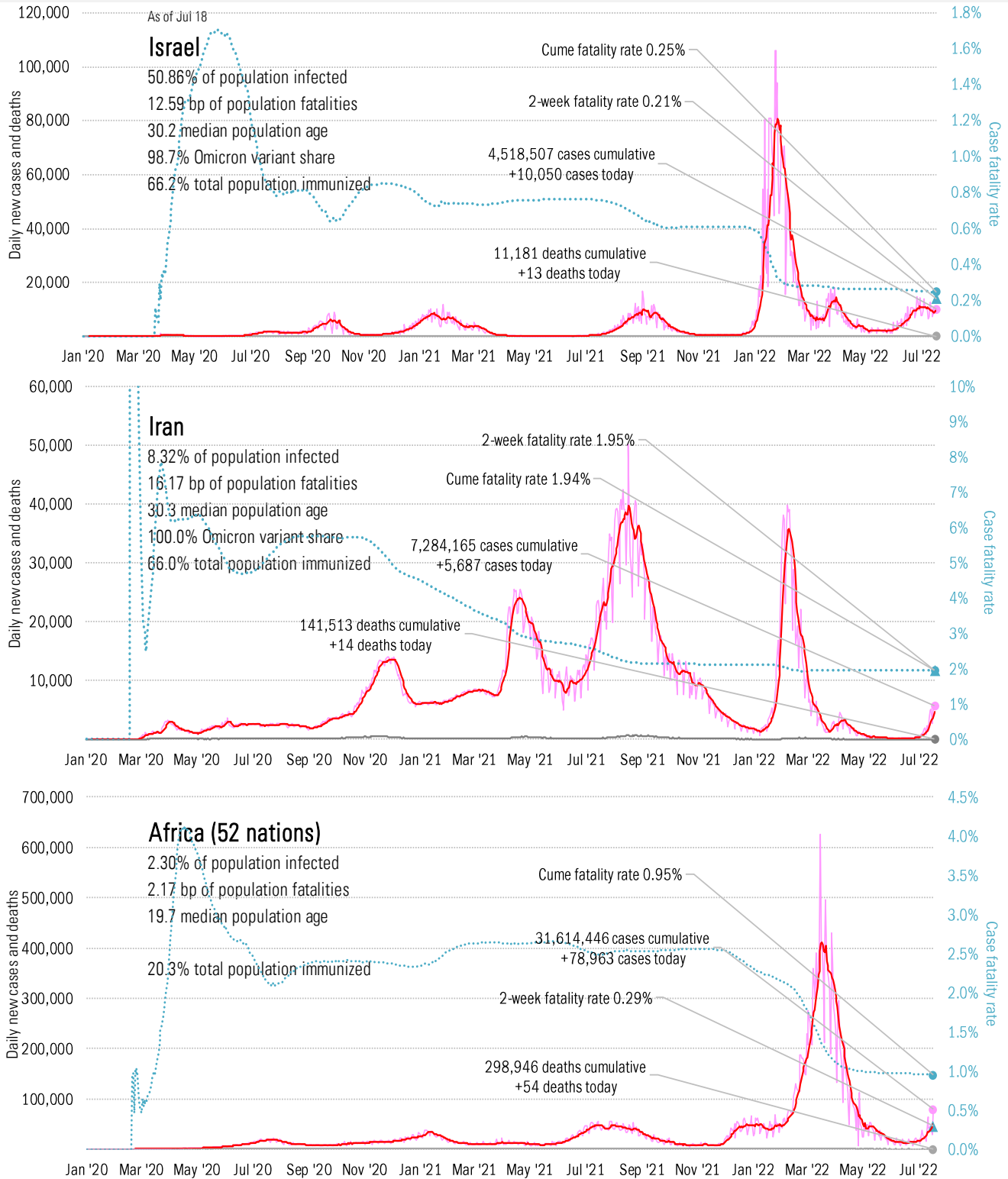


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in the Middle East and Africa

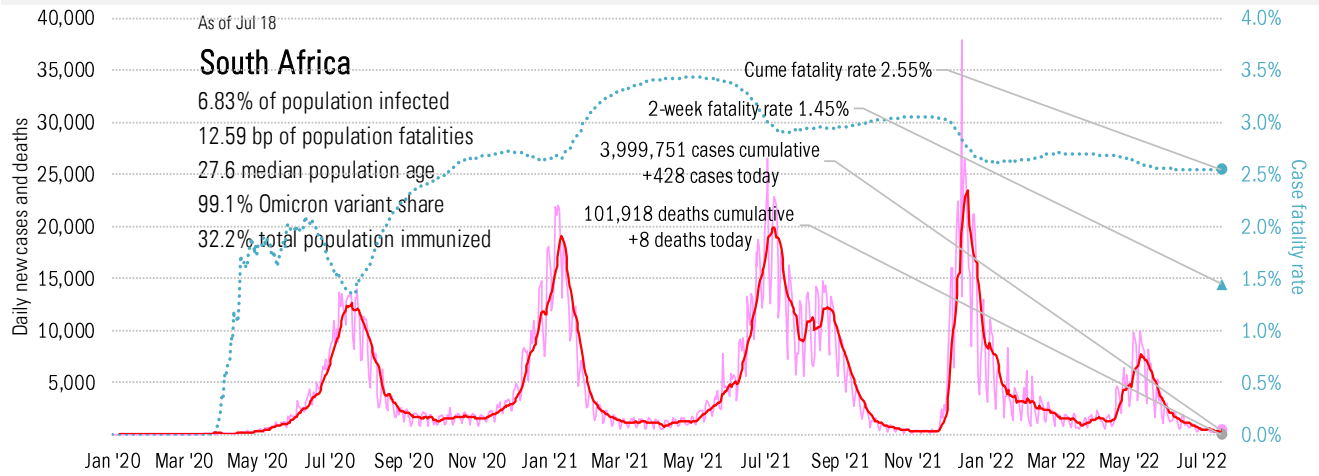
Cases: **7-day average** and **daily** Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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