

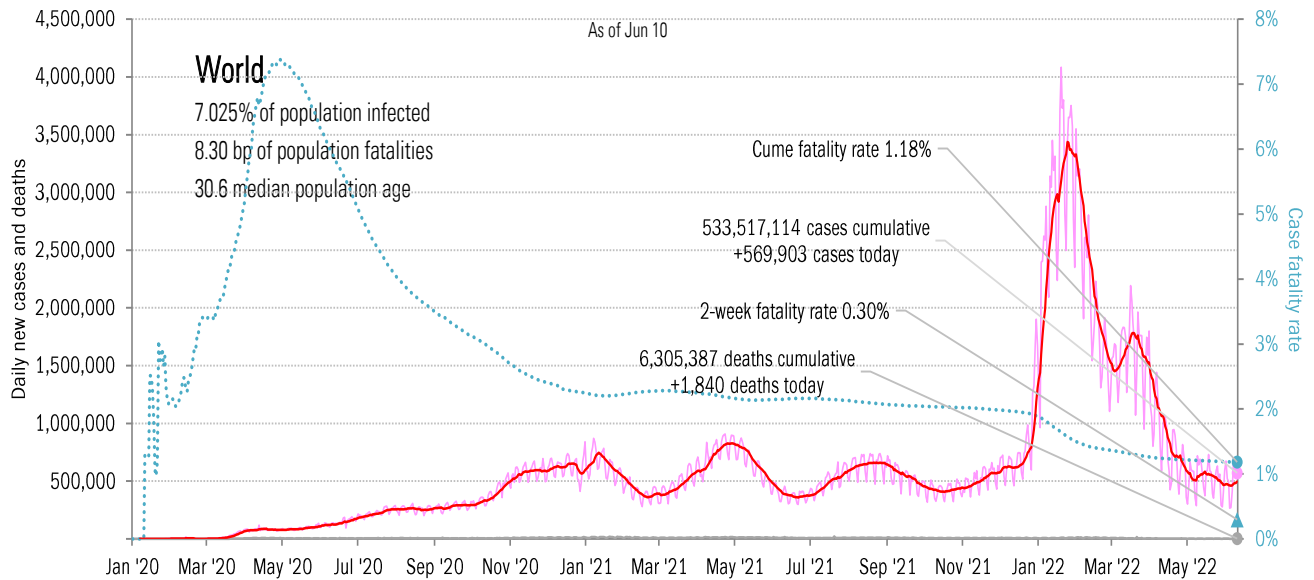
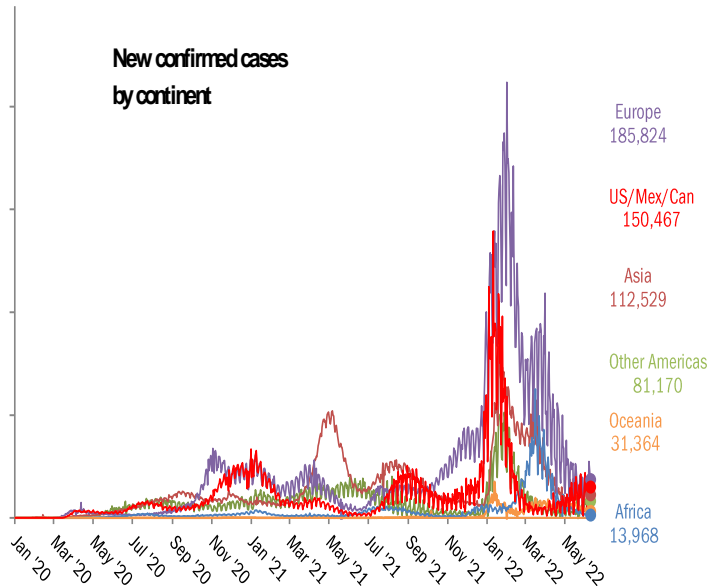
## Data Insights: Covid-2019 Monitor

Saturday, June 11, 2022

### The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	133,741	United States	509
Taiwan*	68,293	Taiwan*	213
Germany	65,337	Spain	194
Brazil	56,491	Brazil	170
Spain	42,456	Mexico	89
Australia	26,085	Germany	77
Portugal	22,145	Russia	69
Italy	22,012	Australia	65
Japan	15,584	Canada	60
Chile	12,964	Italy	52
465,108		1,498	
World	569,903	World	1,840
Top ten	82%	Top ten	81%



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

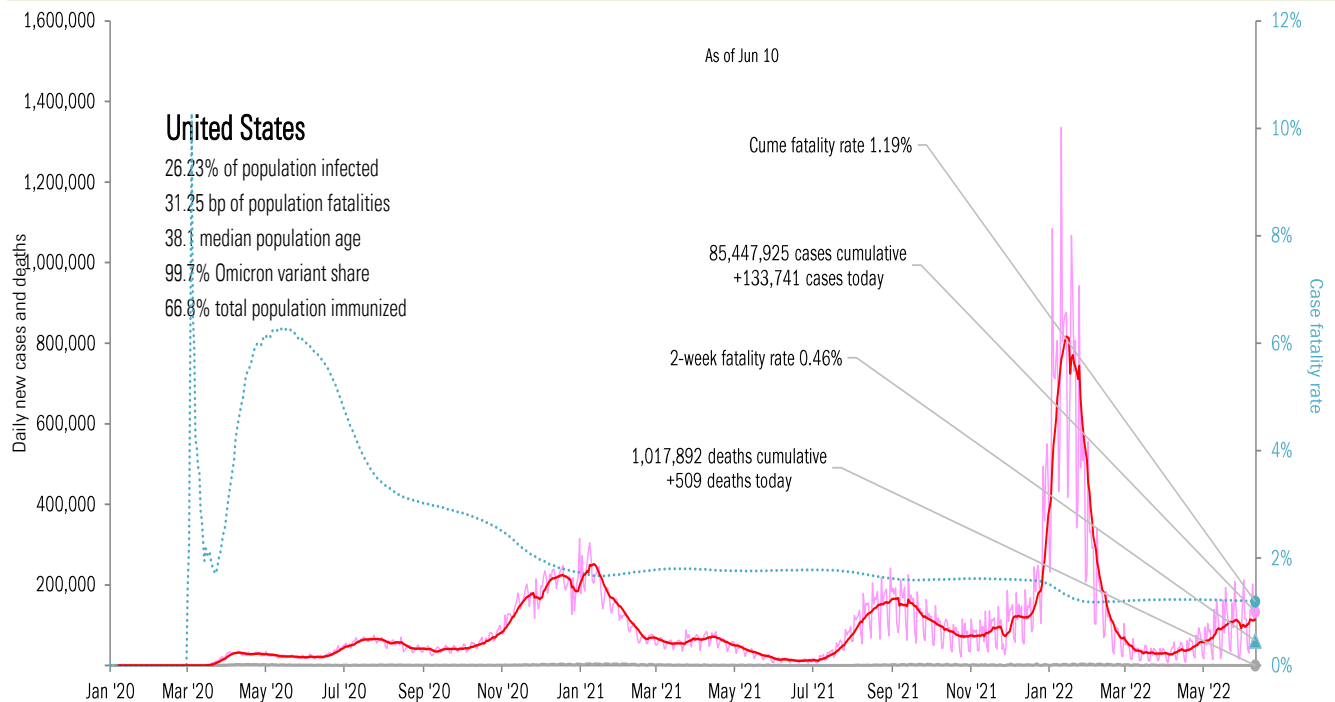
## The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	48,892		CA	88		CA	504		CA	9,790,329		CA	91,697		TX	496,901		RI	91%	RI	87%
WA	10,709		WA	60		FL	564		TX	7,015,164		TX	88,459		CA	439,603		MA	87%	DE	85%
MO	8,076		FL	37		GA	134		FL	6,255,080		FL	74,921		FL	431,331		MI	86%	VT	83%
TX	7,082		CO	14		PA	194		NY	5,502,958		NY	69,263		NY	265,443		MN	85%	MA	82%
IL	6,147		MO	14		TX	265		IL	3,352,983		PA	45,413		GA	210,549		MD	83%	NM	82%
FL	4,406		TX	14		AL	62		PA	2,954,750		CH	38,657		CH	196,983		DC	83%	WA	82%
FR	3,823		MN	12		CO	82		NC	2,799,515		GA	38,290		PA	183,939		PA	83%	DC	81%
CO	3,693		MD	11		TN	72		CH	2,798,900		IL	38,289		IL	164,976		DE	83%	TX	81%
NJ	3,676		MT	11		ID	25		GA	2,588,857		MI	36,538		MI	147,860		MO	83%	CR	81%
NY	3,153		NJ	10		KY	58		MI	2,565,819		NJ	33,831		KY	134,783		NH	83%	AL	81%
99,657			271			1,960			45,624,355			555,358			2,672,368						
All states	133,741		509			4,407			All states	85,447,925		1,017,892			4,852,469			All states	70%	67%	
Top ten	75%		53%			44%			Top ten	53%		55%			55%			Median	76%	74%	

Some states not reporting

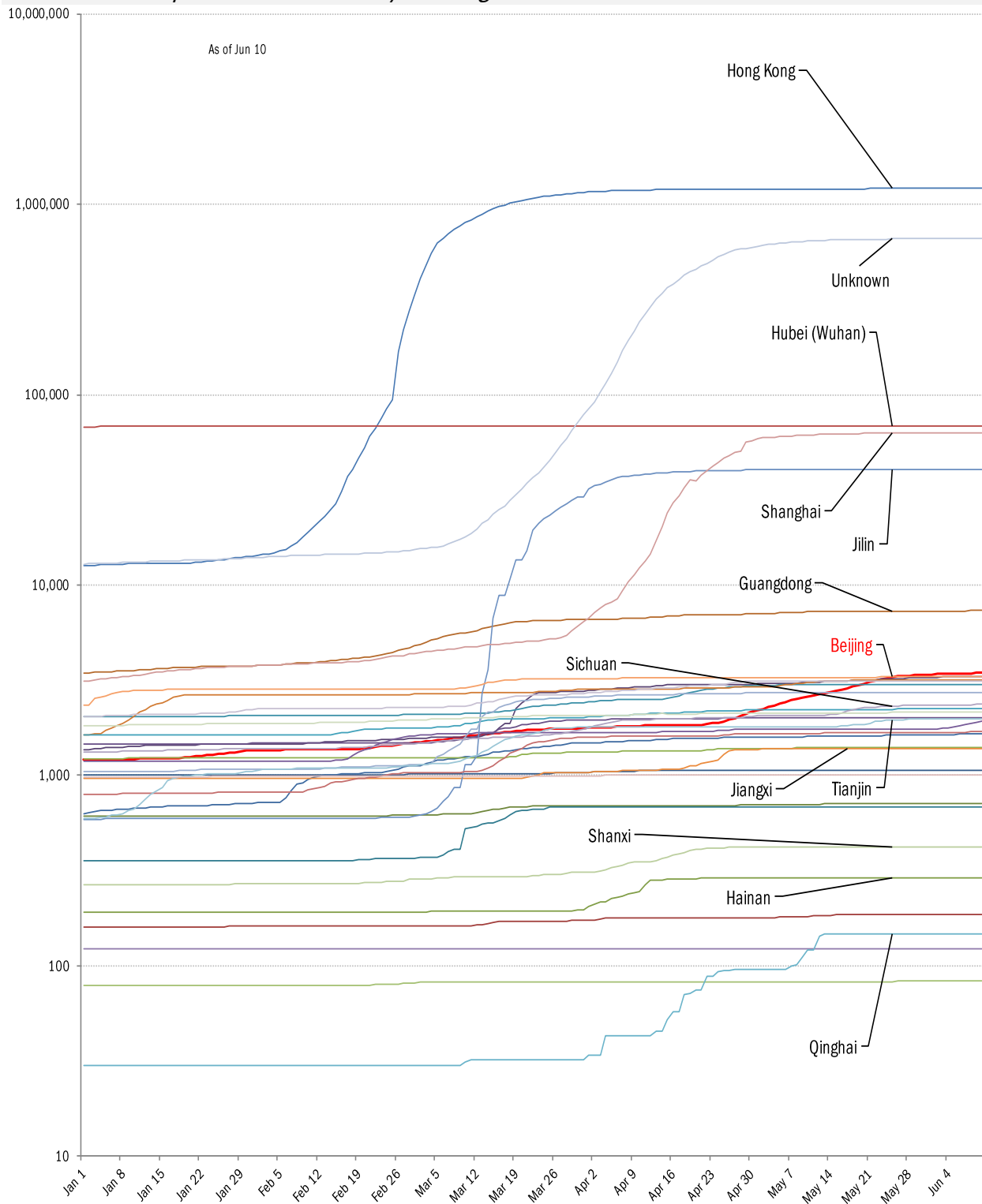
## Five most improved US states

Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
CH -18,247	FL -80	NC -64	KS +40 bp
CO -10,238	IL -19	IN -48	MD +10 bp
UT -7,502	CK -18	MD -47	NM +10 bp
NY -3,486	NY -17	AZ -42	CK +10 bp
FR -2,838	UT -12	CH -29	RI +10 bp



Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

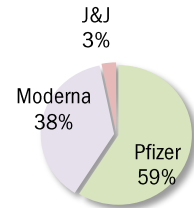
**China provincial coronavirus case accelerometer... tracking the "zero Covid" curves**  
*Cumulative reported cases this year, log scale: flat line indicates "zero Covid"*



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

# Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	605,967,636		+0.372 million		US	66.8%	78.0%
of which boosters	105,589,008		+0.093 million		UK	73.3%	78.4%
	One dose	% Pop	Immune	% pop	France	78.4%	80.7%
Total population	266,760,791	80%	227,983,361	68%	Spain	86.7%	88.2%
Age 12 to 17	17,840,190	71%	15,283,509	60%	Germany	76.9%	76.9%
Age 18 to 64	179,161,600	88%	152,411,838	75%	Italy	79.4%	84.1%
Age 65 and over	59,201,222	100%	51,745,528	94%	Australia	83.9%	86.6%
					Israel	66.1%	72.2%
					Canada	82.5%	86.0%
					Japan	81.1%	82.2%
					Africa	19.0%	24.3%
					India	64.4%	72.7%
					Brazil	78.5%	86.1%
					China	87.1%	89.4%



AK	70.2%
	62.8%

State
At least partial immunity as % population
Full immunity as % population

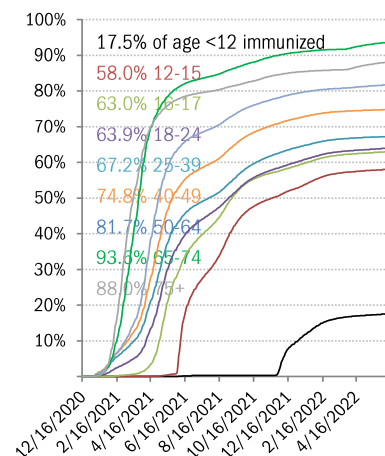
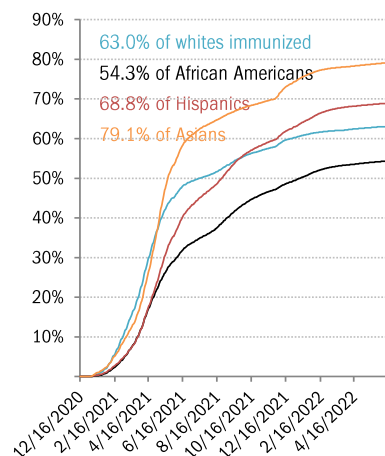
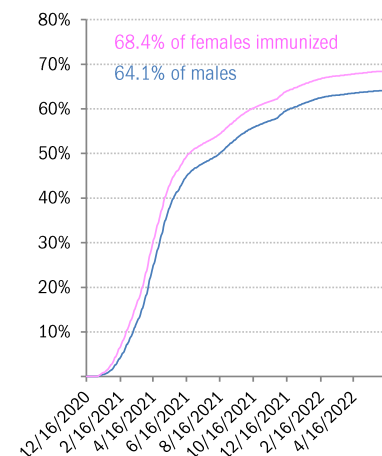
Best
Middle
Worst

\*Immunity\* = two doses

As of Jun 10

					WI						ME
					72.2%						91.4%
					66.0%						80.2%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH
81.3%	62.1%	65.6%	66.0%	75.5%	76.2%	67.3%			90.8%	94.2%	89.1%
73.0%	55.7%	57.1%	55.9%	69.6%	68.9%	60.5%			77.6%	81.8%	71.3%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA	
78.4%	75.8%	58.4%	77.4%	68.3%	61.8%	63.6%	85.7%		91.1%	95.0%	
70.1%	61.3%	51.2%	62.3%	62.3%	55.3%	58.7%	69.3%		76.2%	79.8%	
CA	UT	CO	NE	MO	KY	WV	VA		MD	CT	RI
82.6%	72.5%	79.9%	70.6%	66.6%	66.5%	65.4%	86.4%		87.1%	95.0%	95.0%
72.7%	64.6%	70.7%	63.9%	56.5%	57.7%	58.0%	73.8%		76.3%	79.9%	83.5%
	AZ	NM	KS	AR	TN	NC	SC		DC	DE	
	73.8%	88.6%	72.9%	67.2%	62.5%	85.3%	68.2%		95.0%	83.9%	
	62.1%	71.8%	62.4%	54.9%	54.9%	62.2%	57.5%		75.7%	69.9%	
			OK	LA	MS	AL	GA				
			71.6%	61.4%	60.0%	63.1%	65.8%				
			57.8%	53.8%	52.2%	51.5%	55.2%				
			TX						FL		PR
			74.0%						79.9%		95.0%
			62.0%						67.5%		83.5%

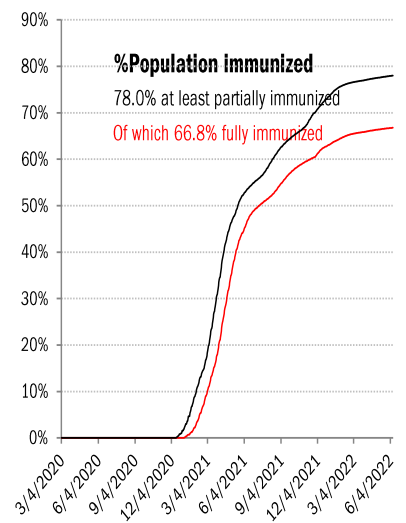
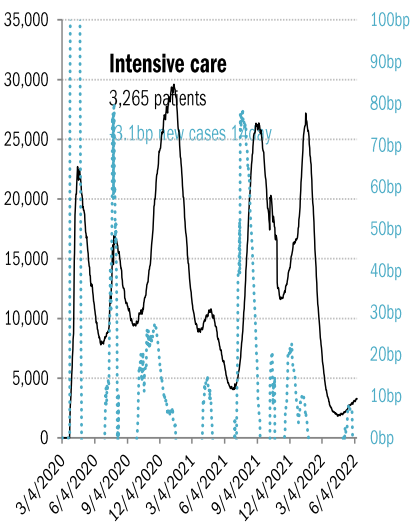
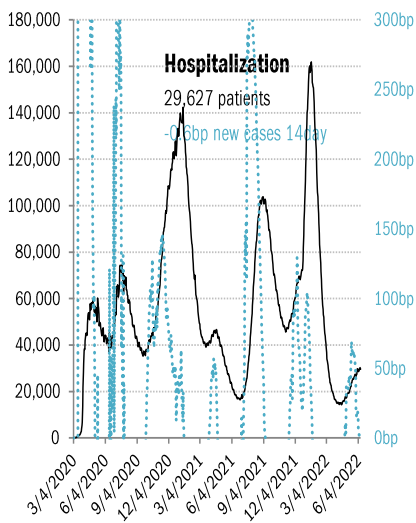
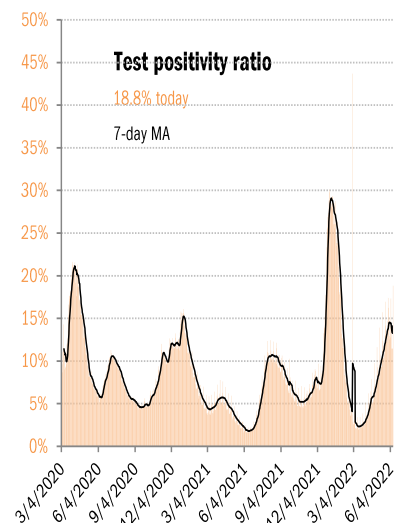
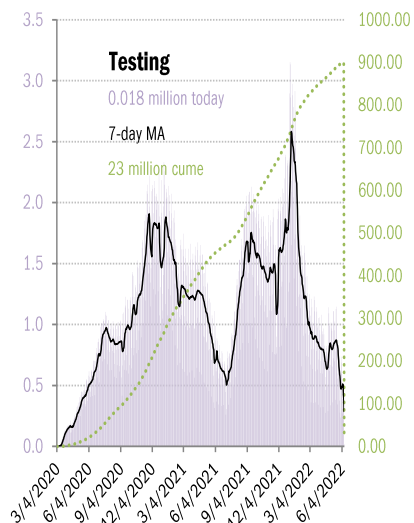
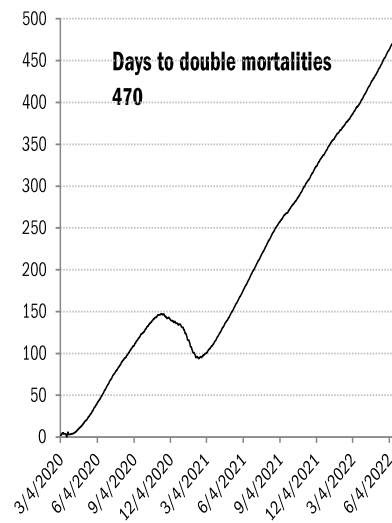
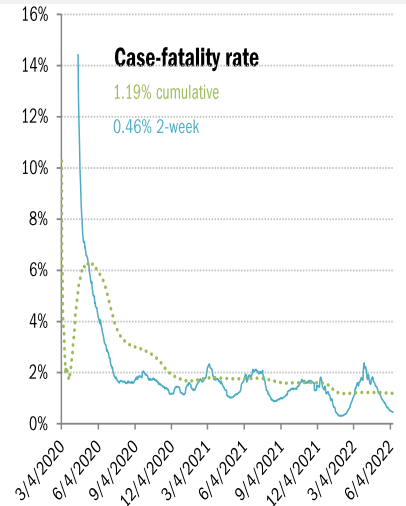
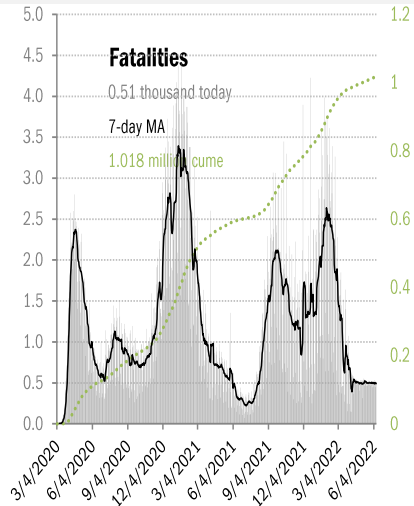
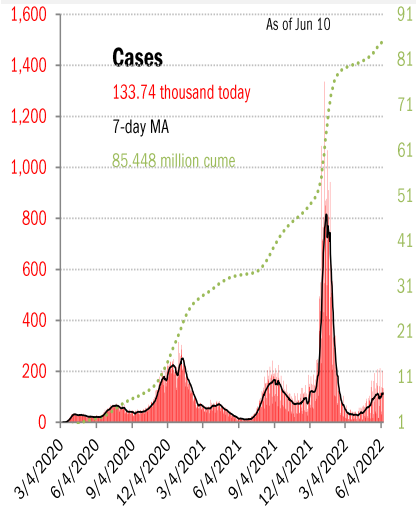
## The demographics of US vaccination



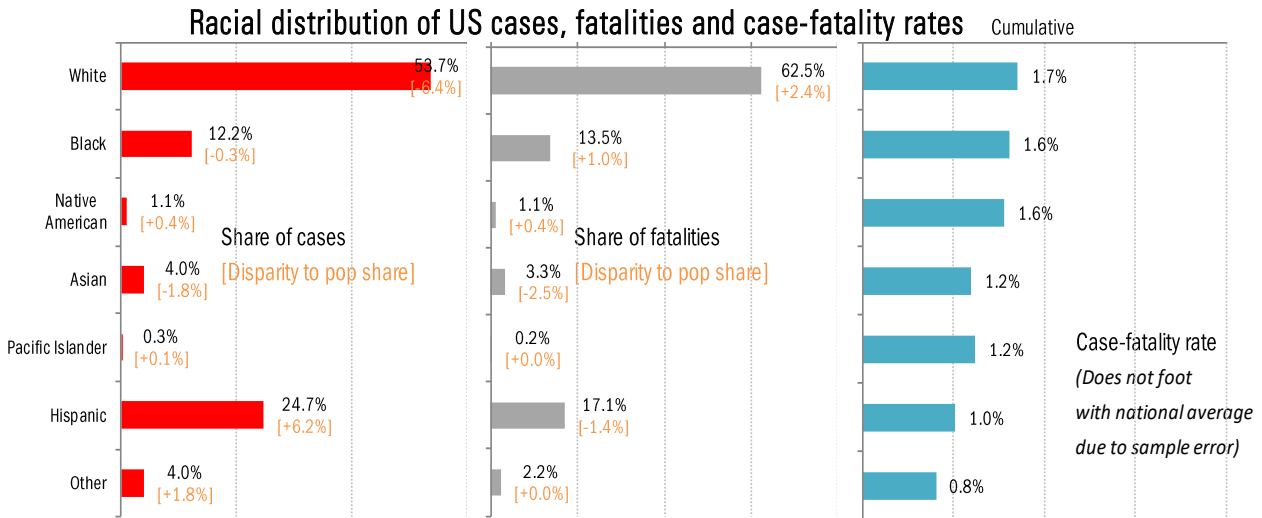
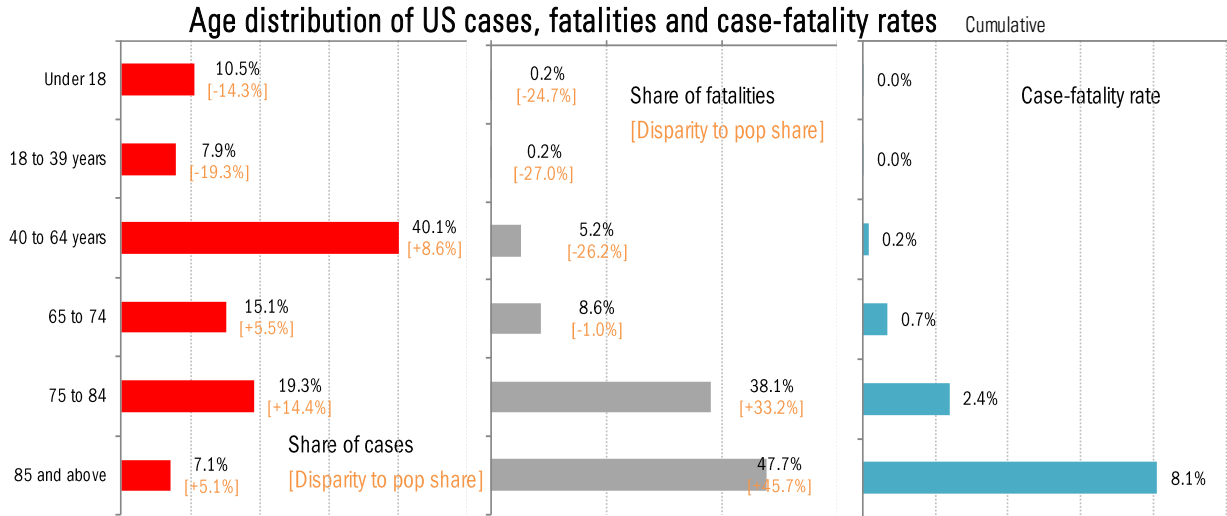
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

# US deep-dive

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

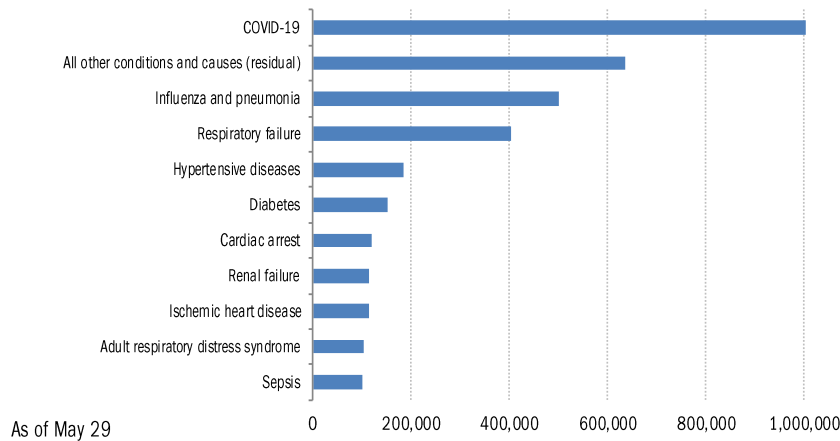


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



### Comorbidities

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 per death.

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

## Recommended reading

### [Have Public Health Officials Just Given Up on Covid-19?](#)

Faye Flam  
*Bloomberg*  
June 11, 2022

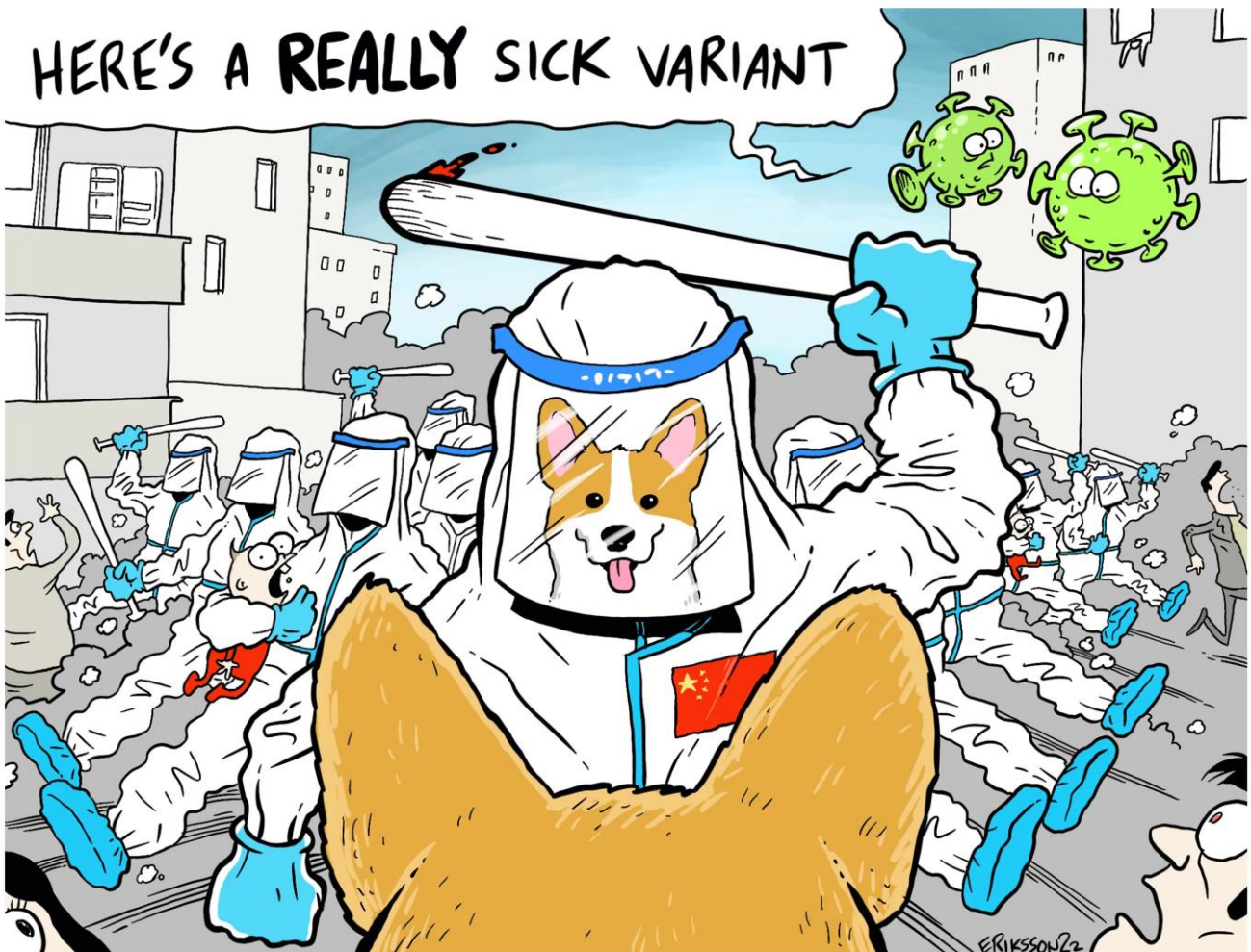
### [No learning loss in Sweden during the pandemic evidence from primary school reading assessments](#)

Anna EvaHallin et al.  
*International Journal of Educational Research*  
June 2022

### [US lifts COVID-19 test requirement for international travel](#)

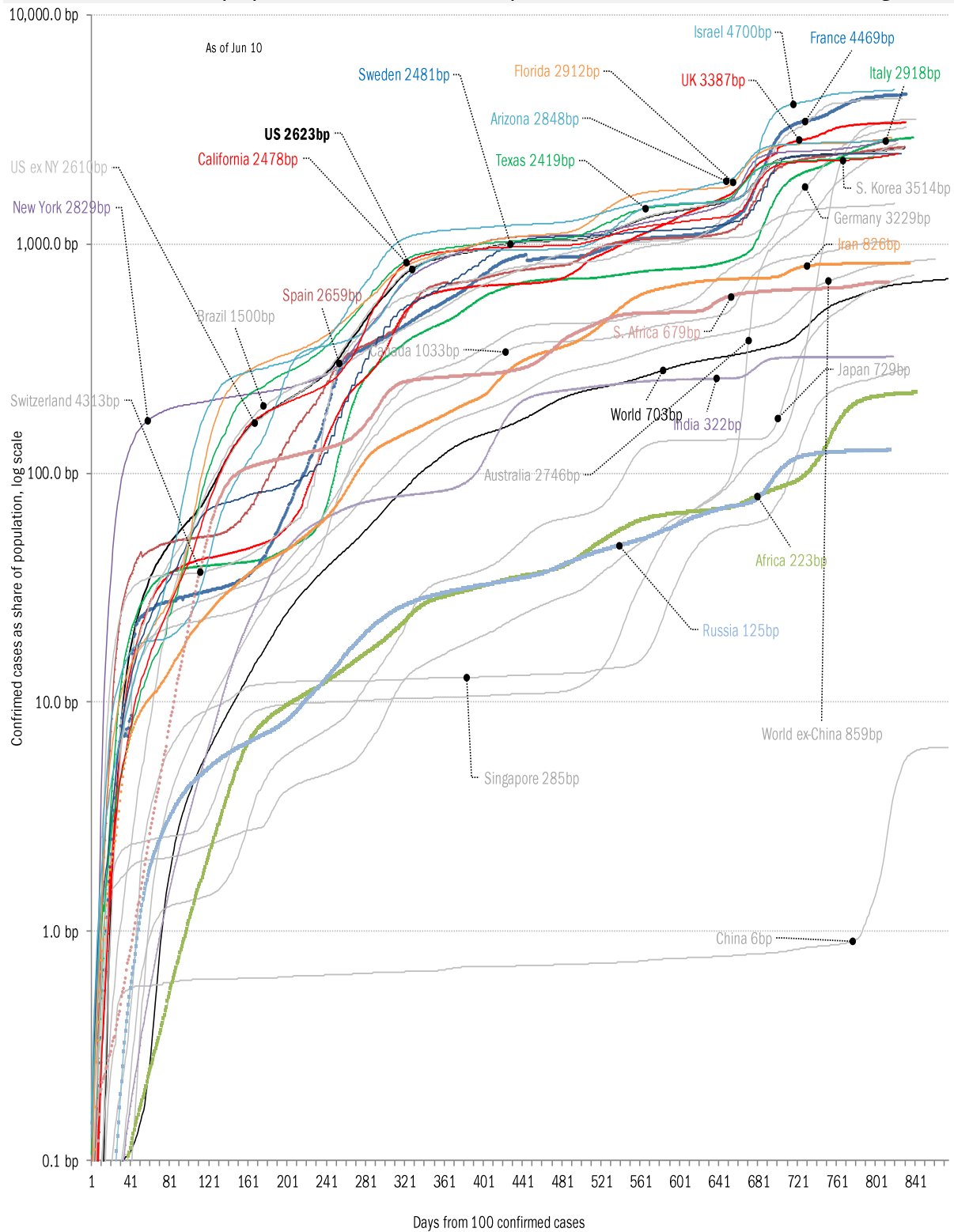
Zeke Miller  
*AP*  
June 10, 2022

## Meme of the day



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

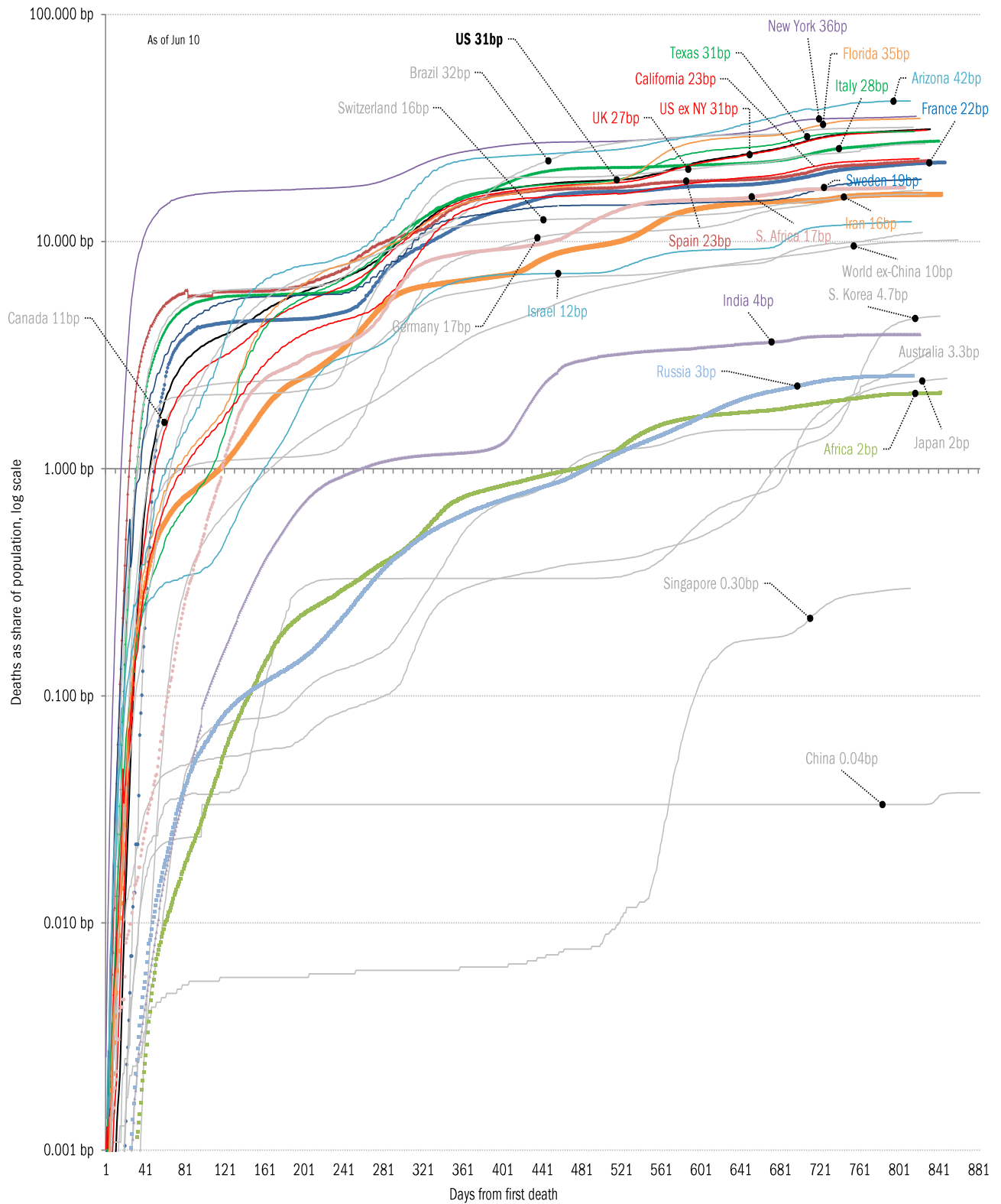
The global coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



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*

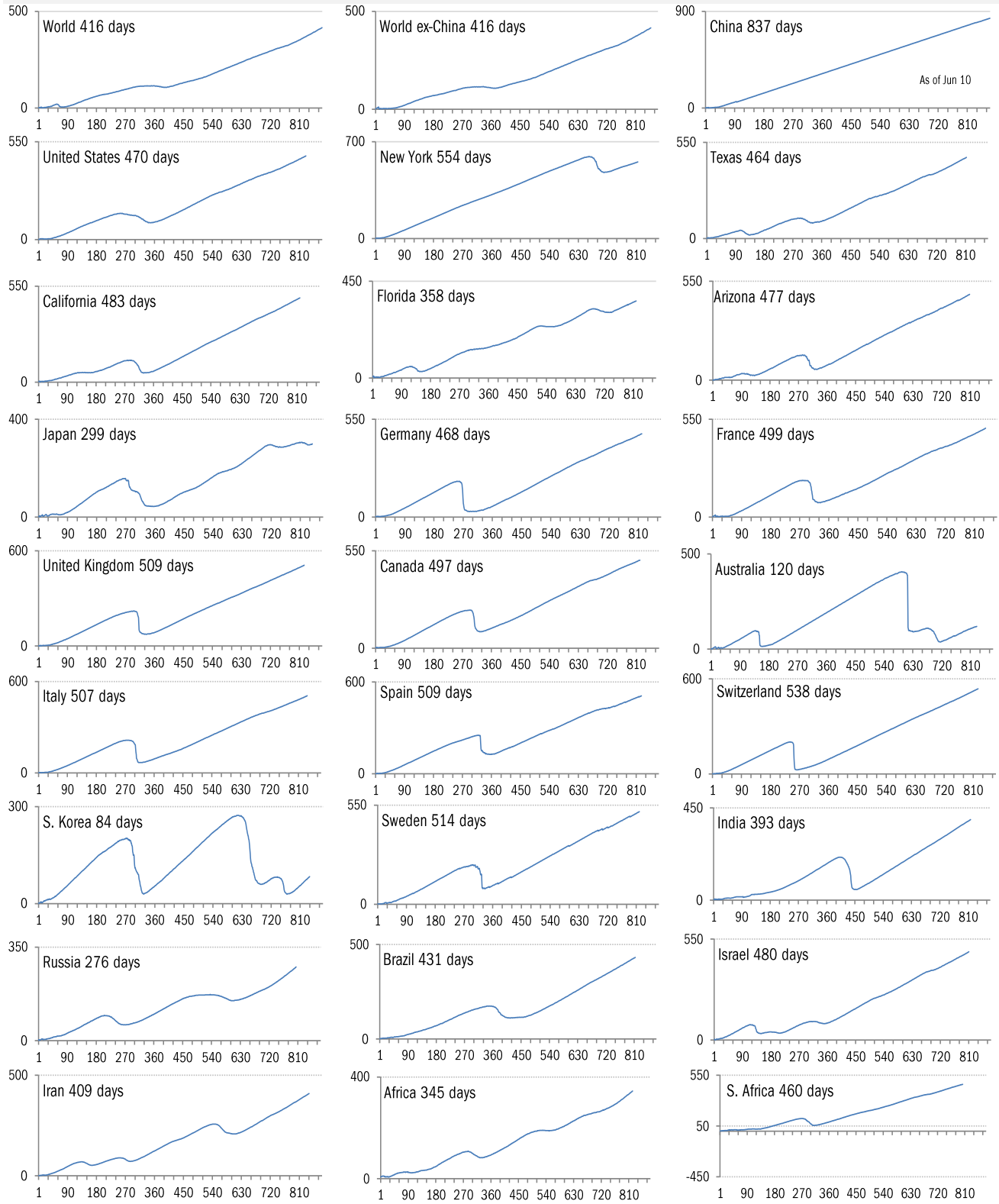


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

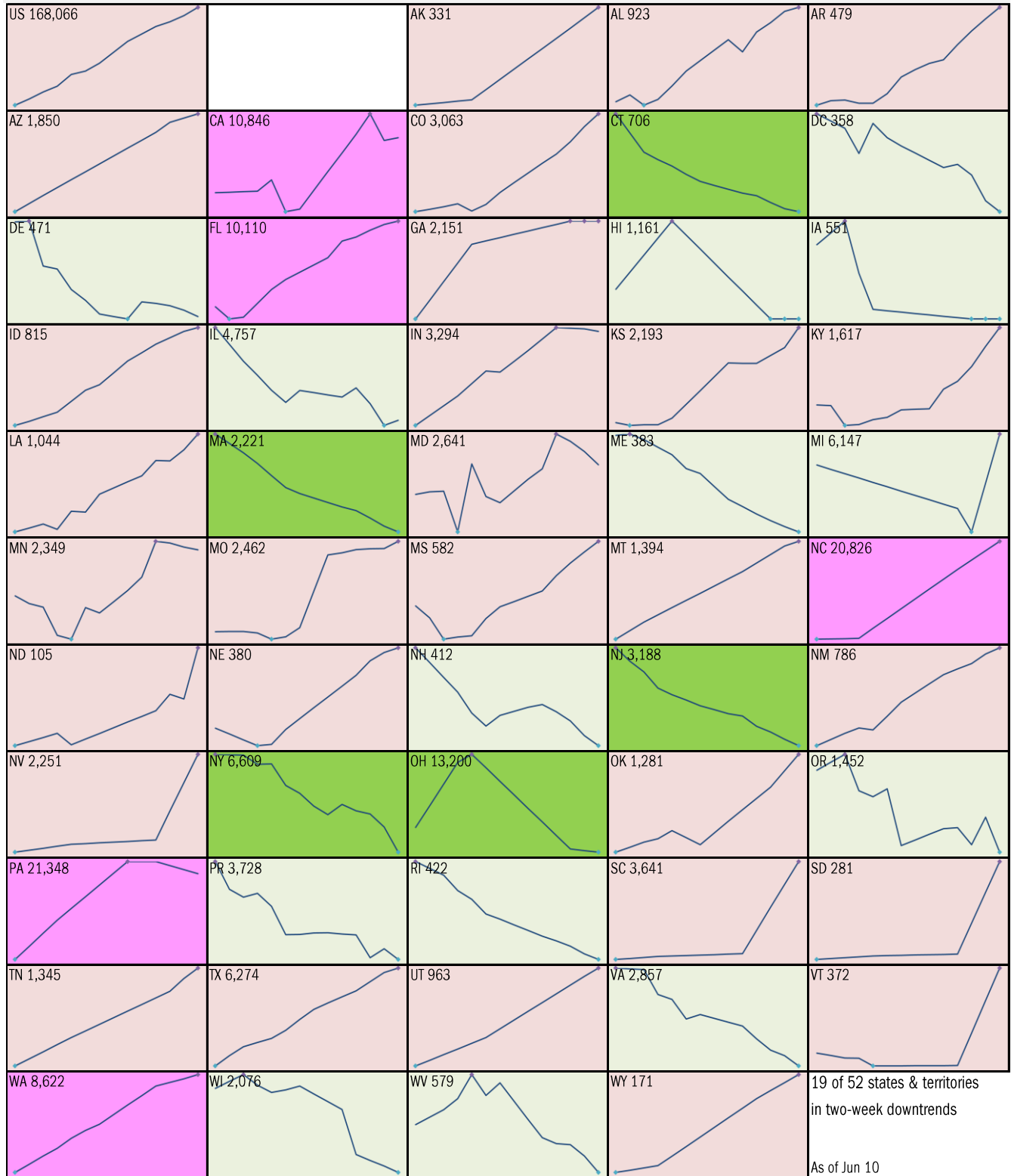


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

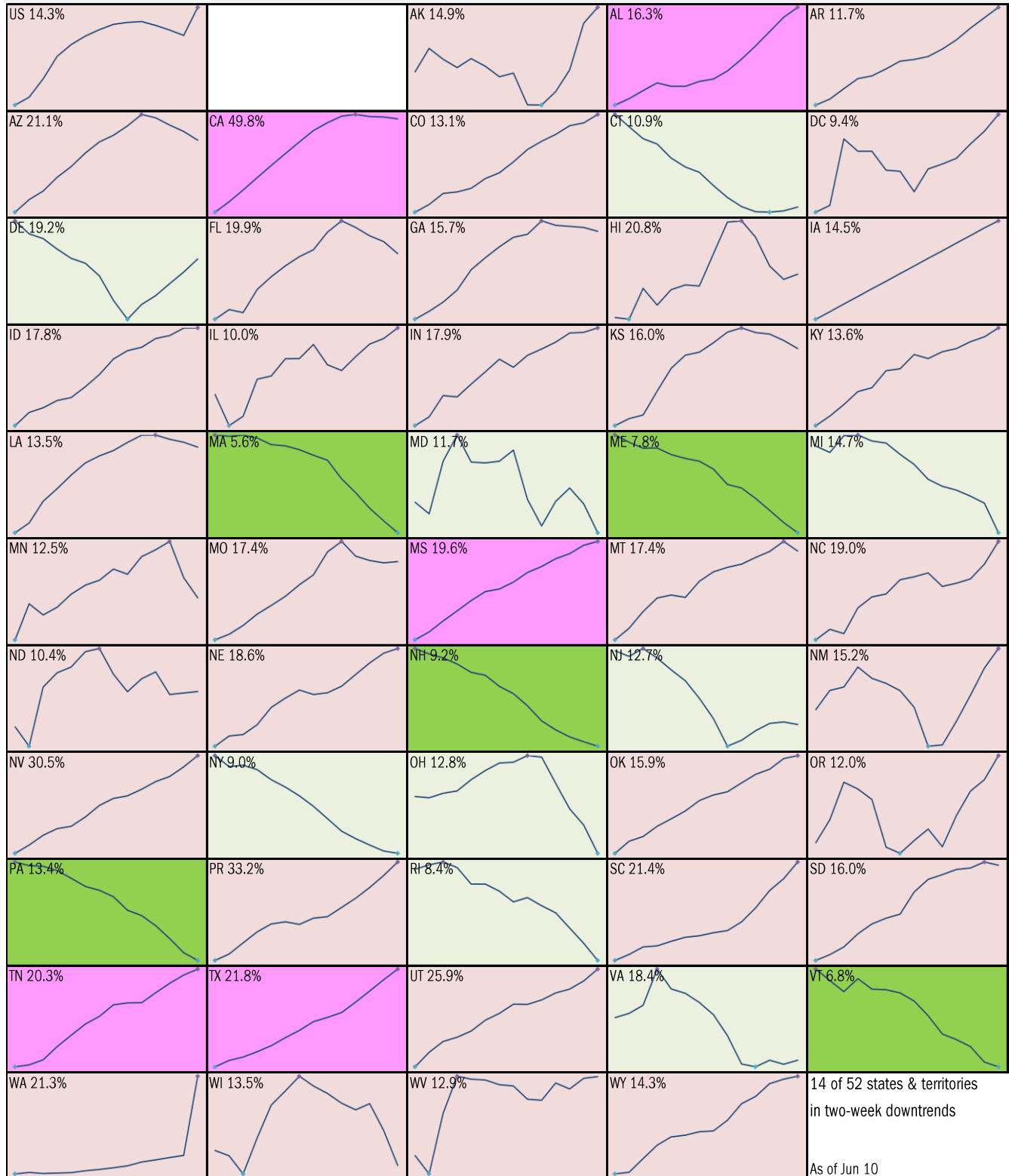


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

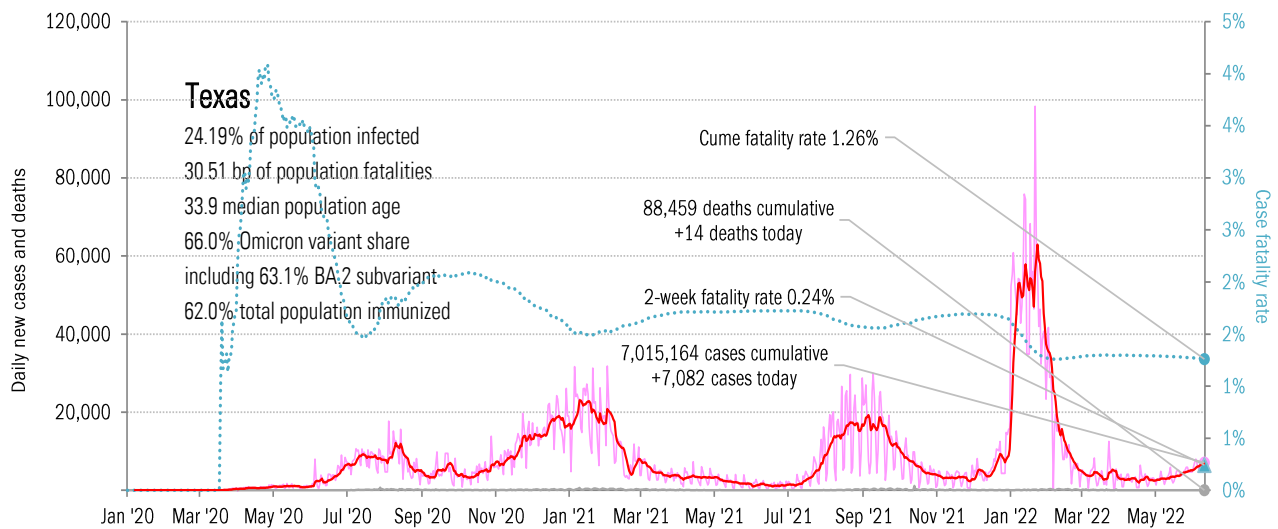
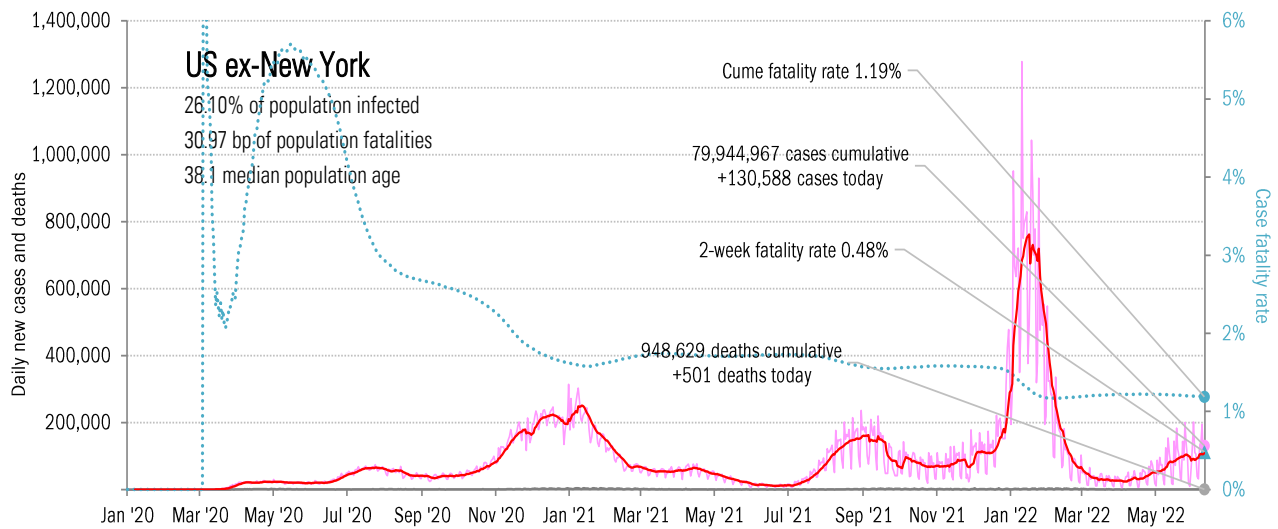
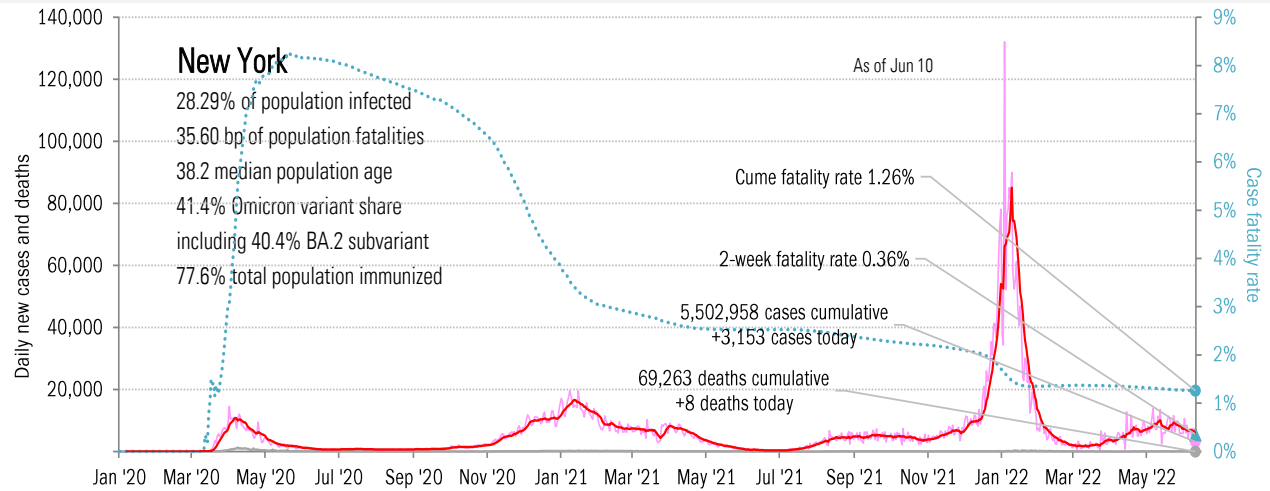
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

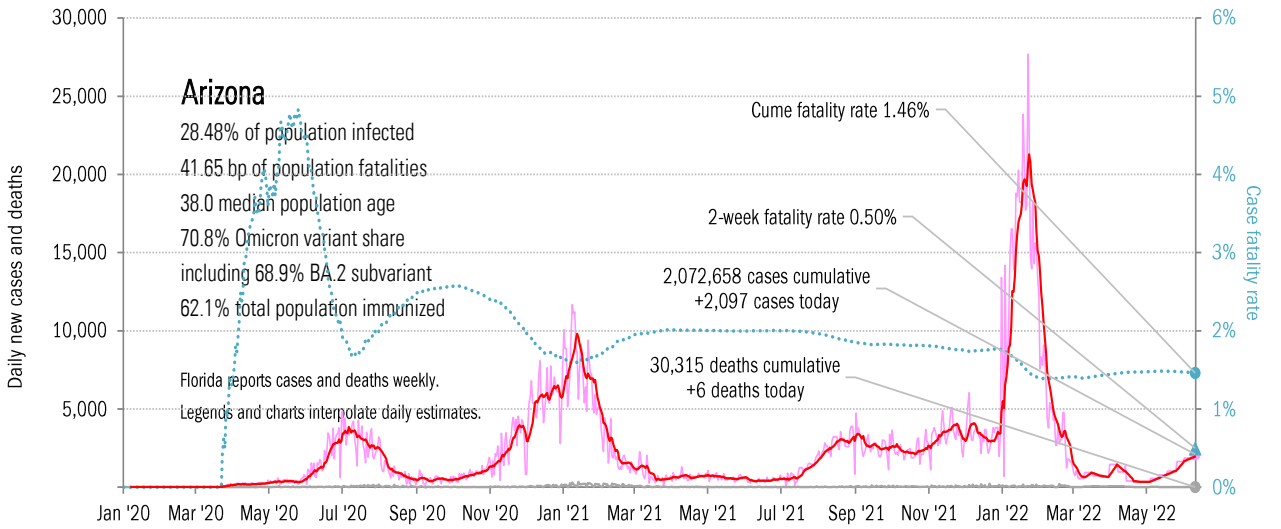
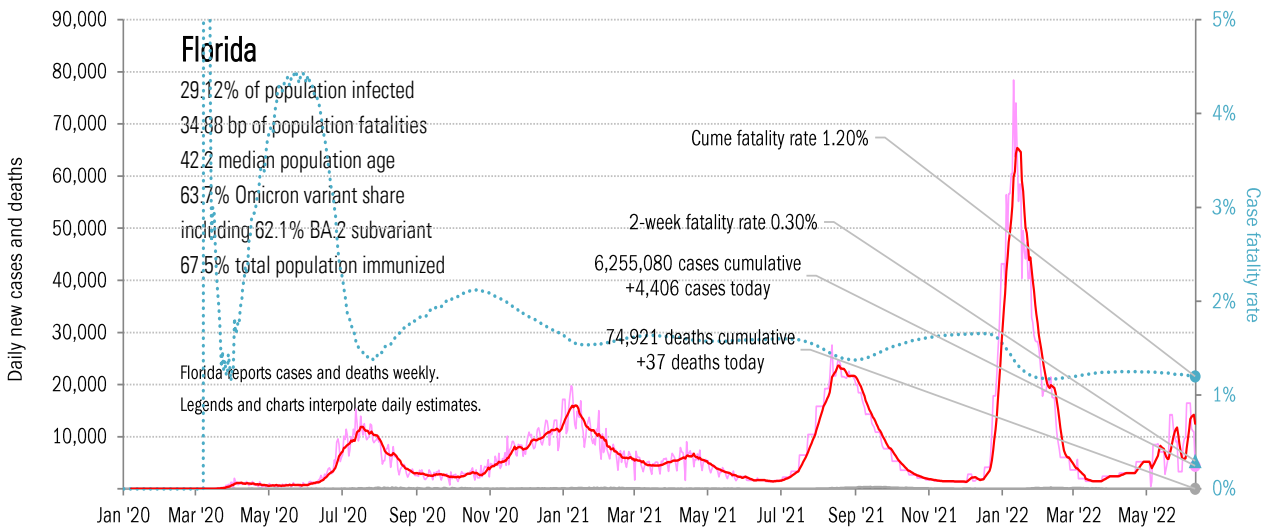
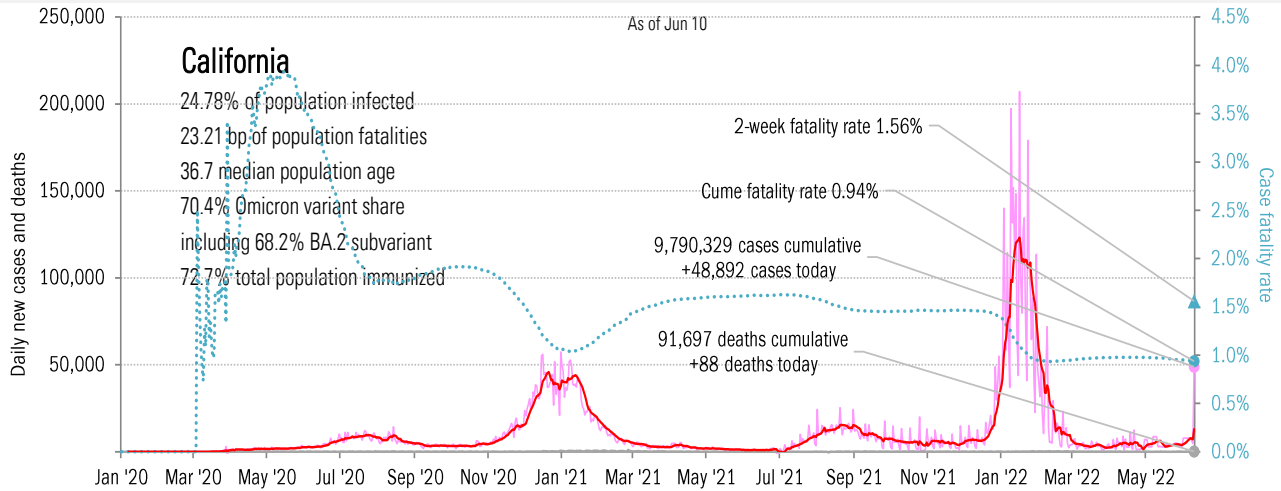
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

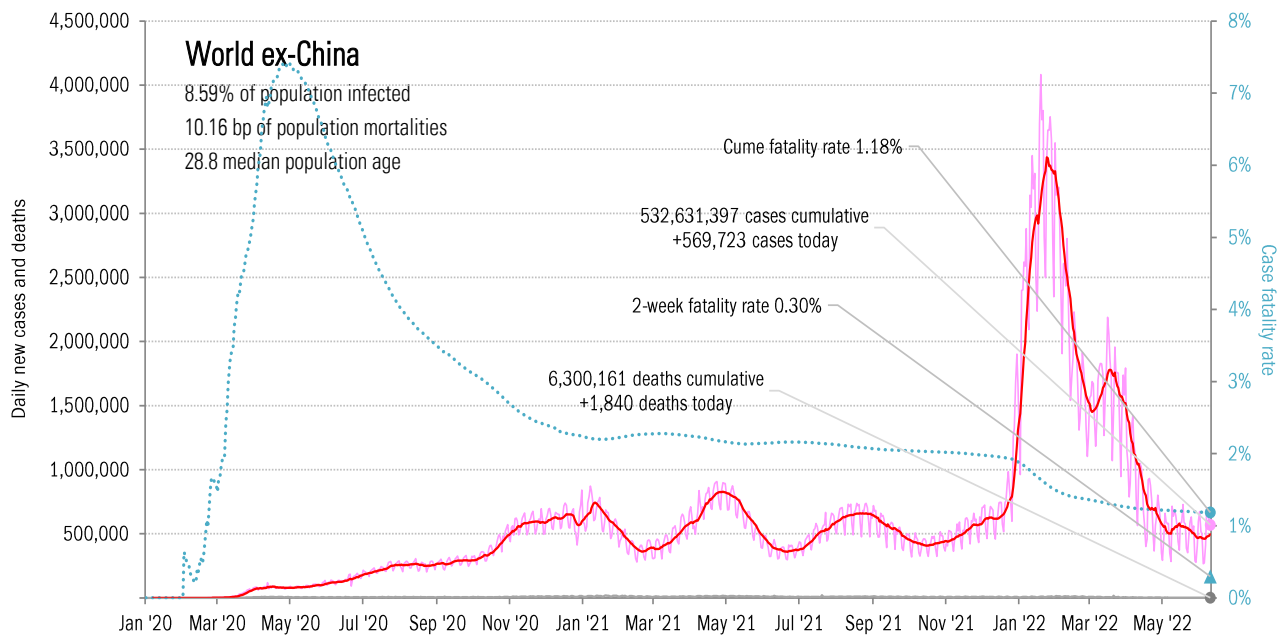
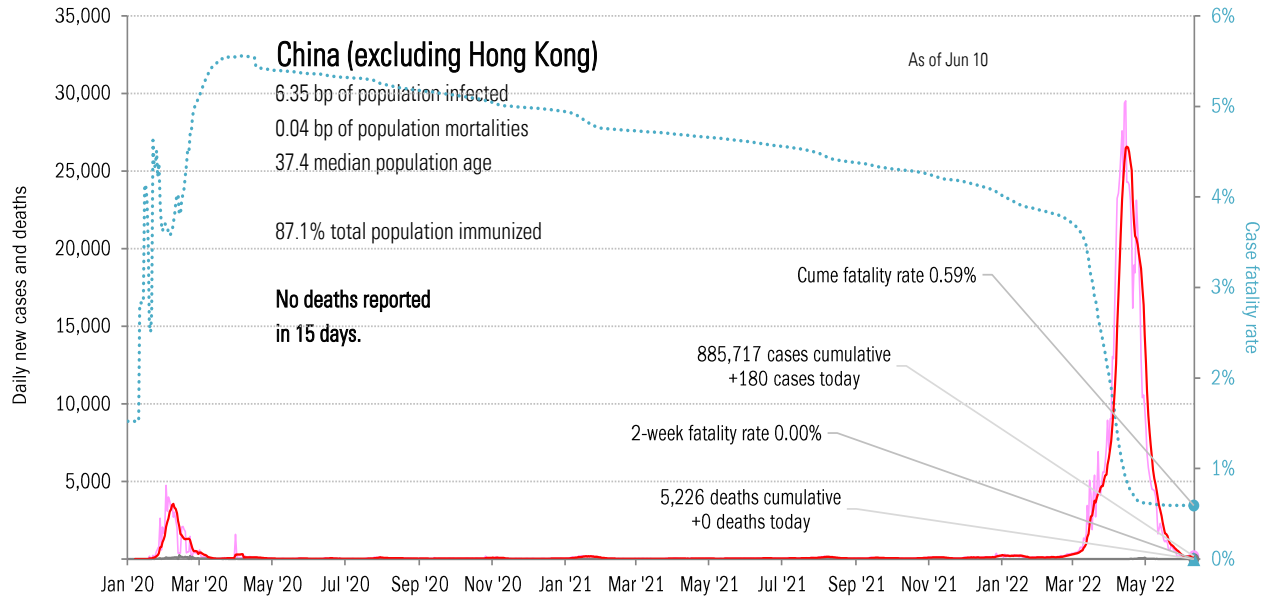
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

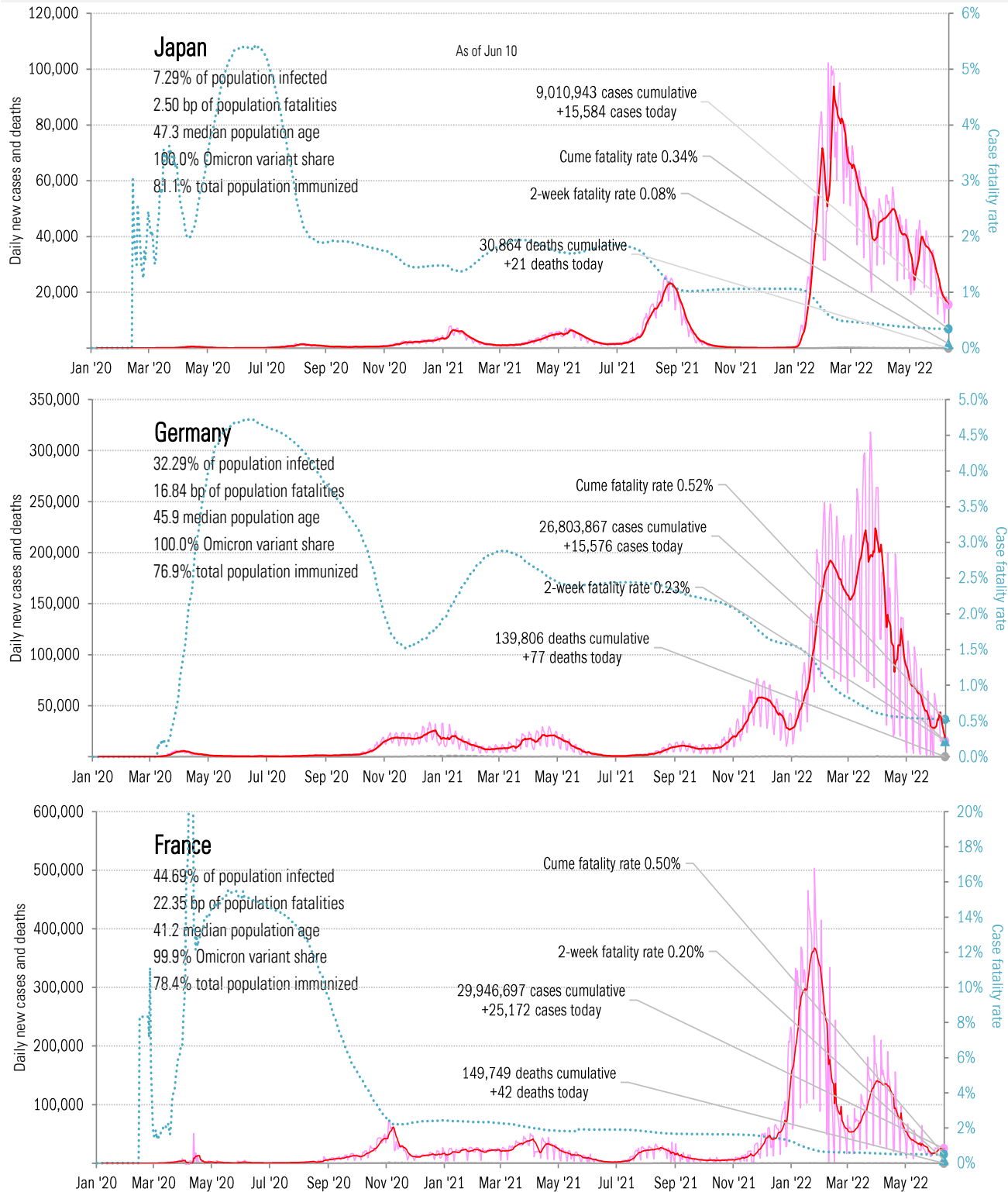
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

Cases: 7-day average and daily Deaths: Daily

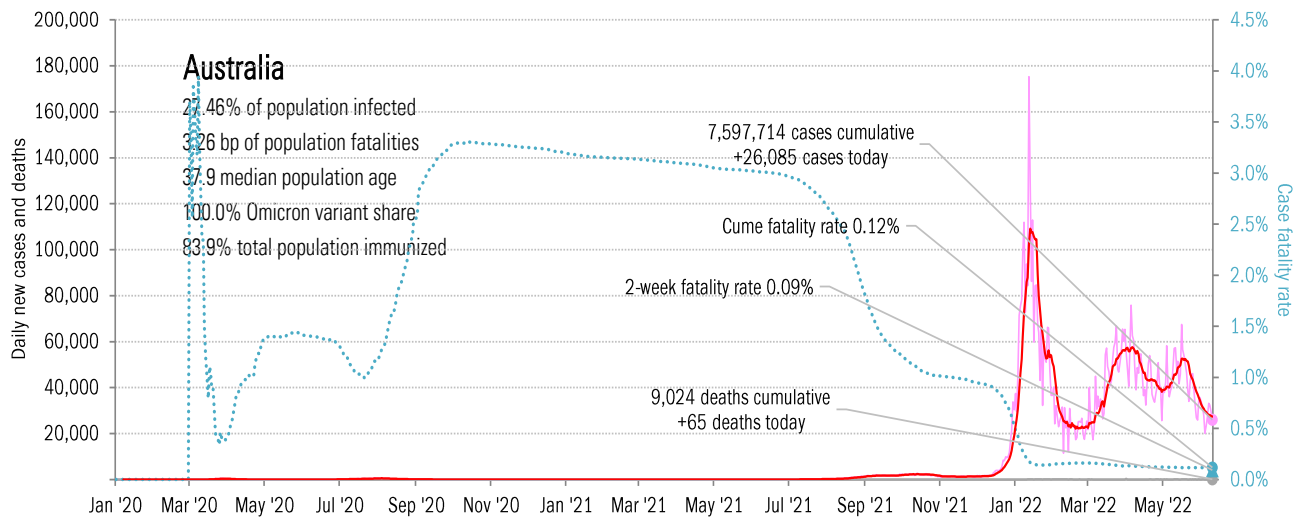
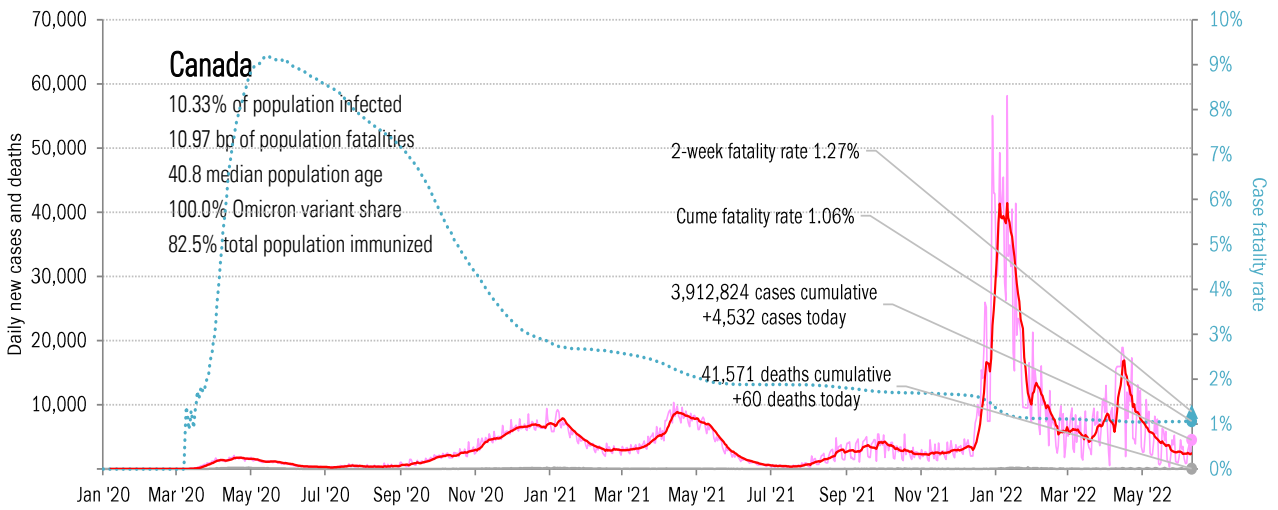
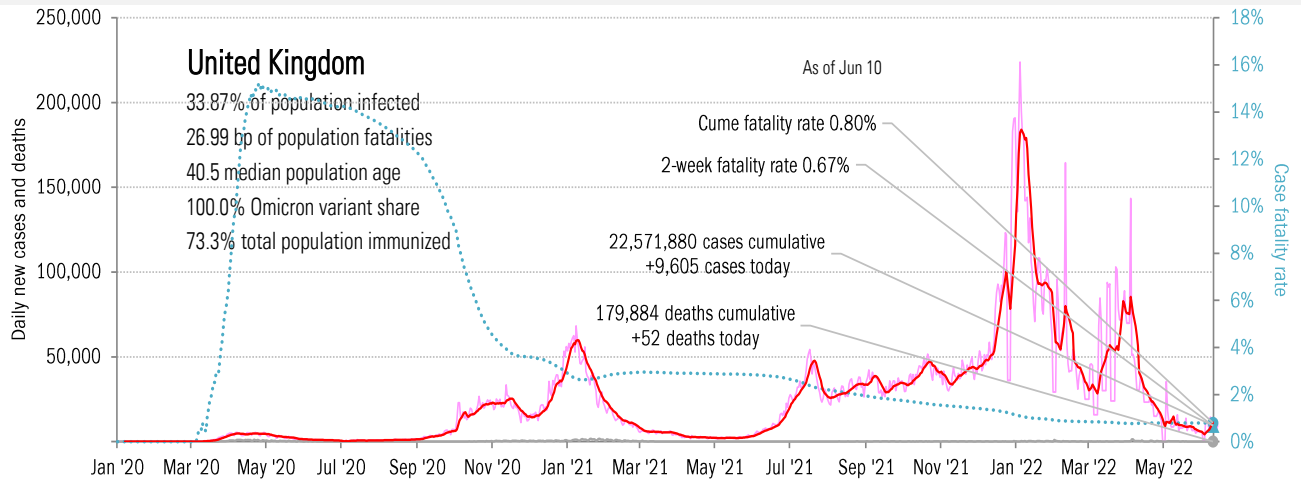


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in The Anglosphere

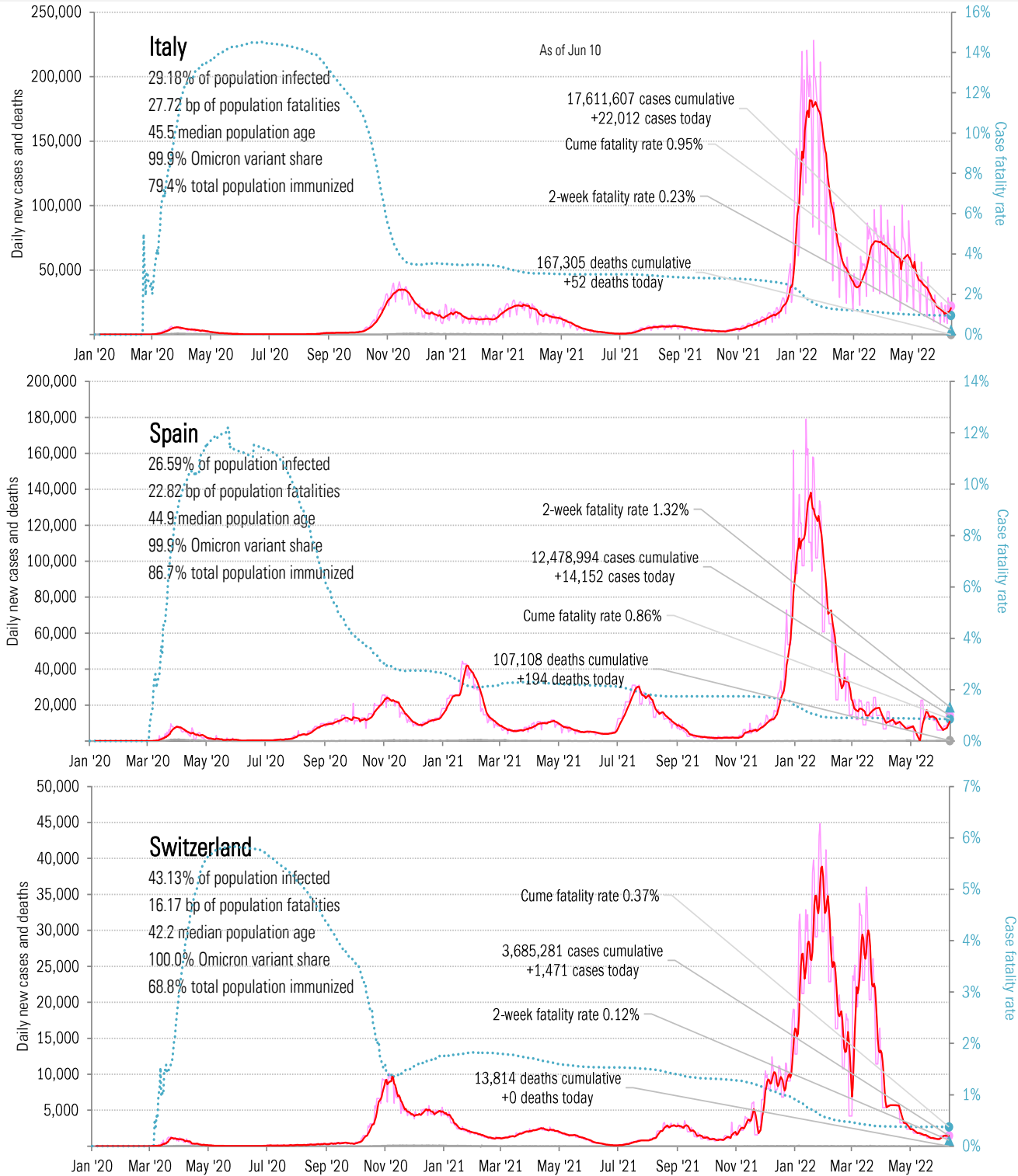
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

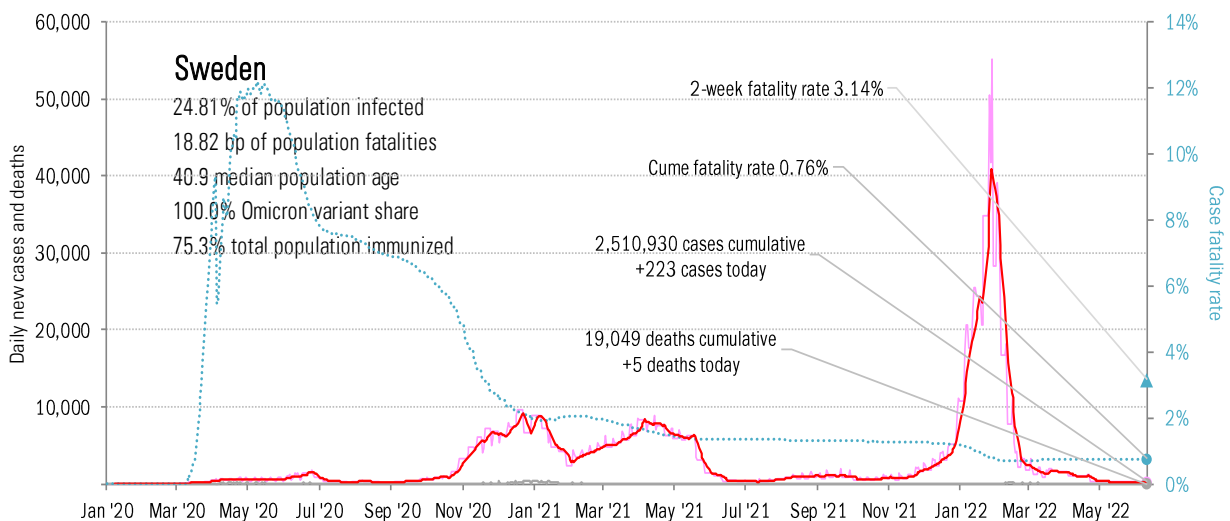
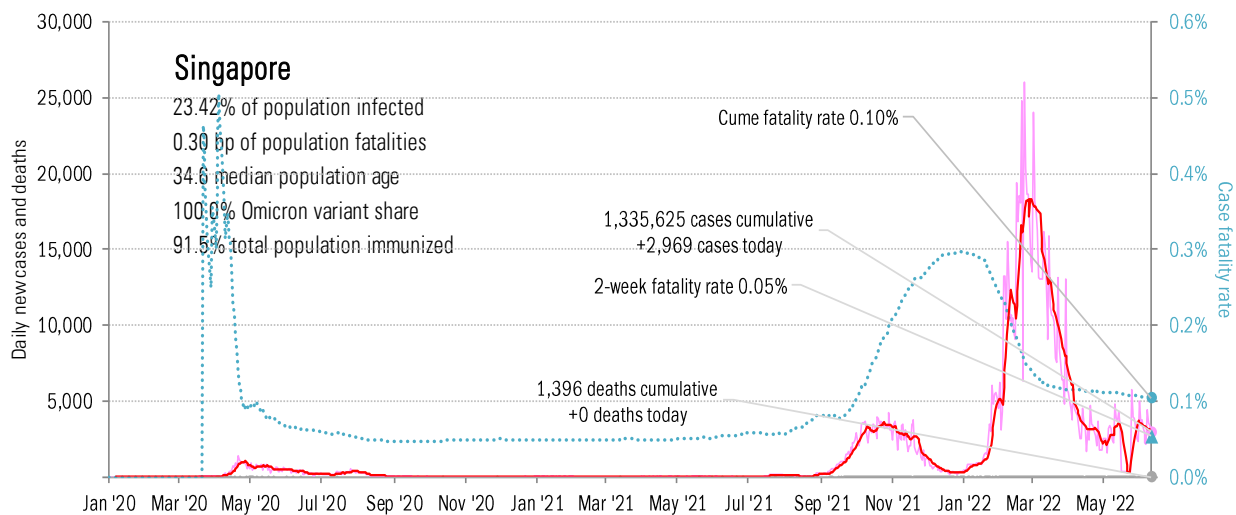
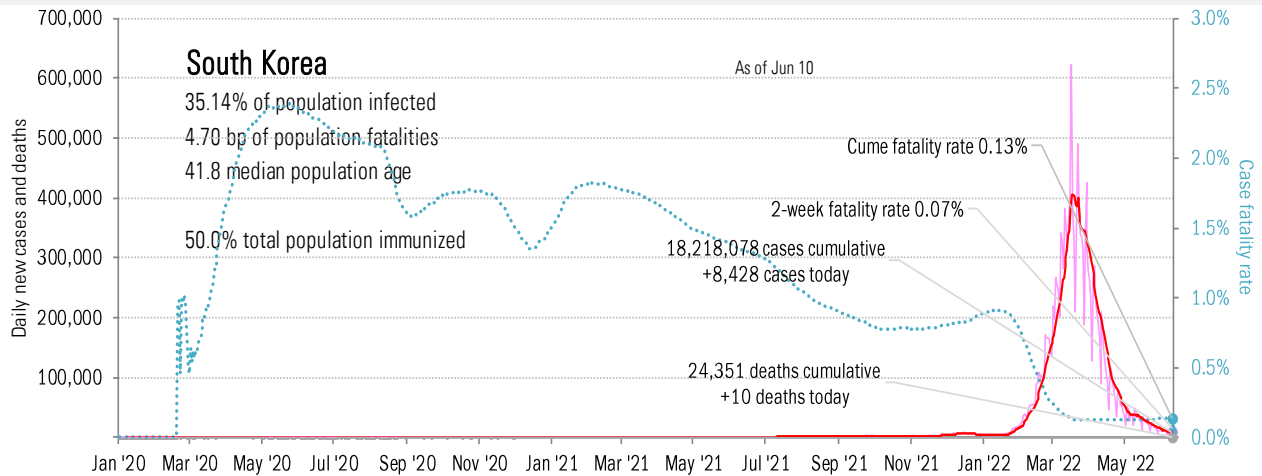
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

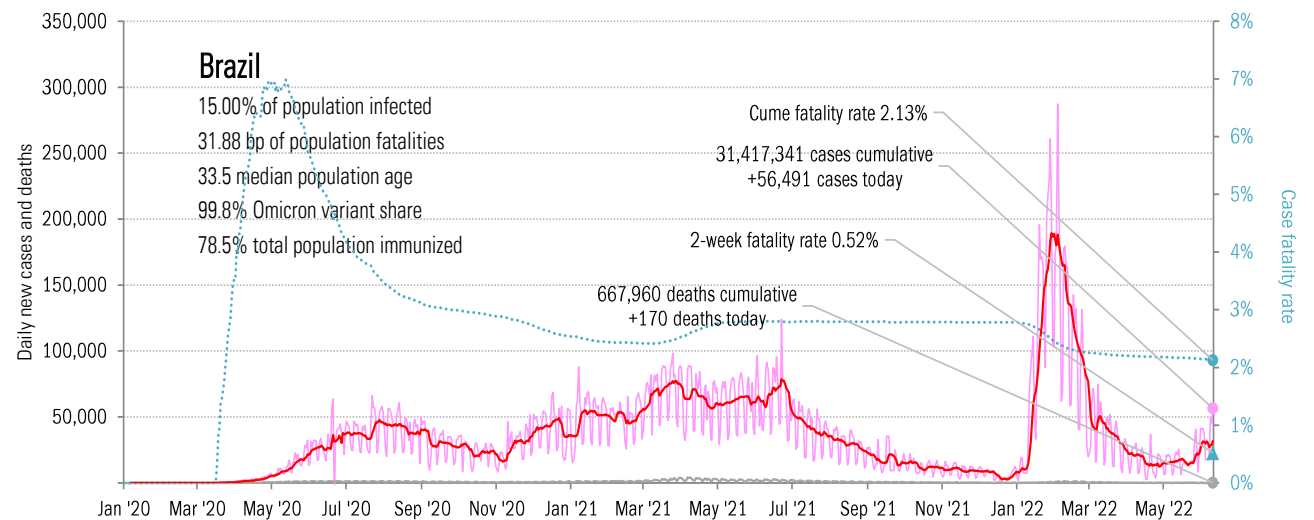
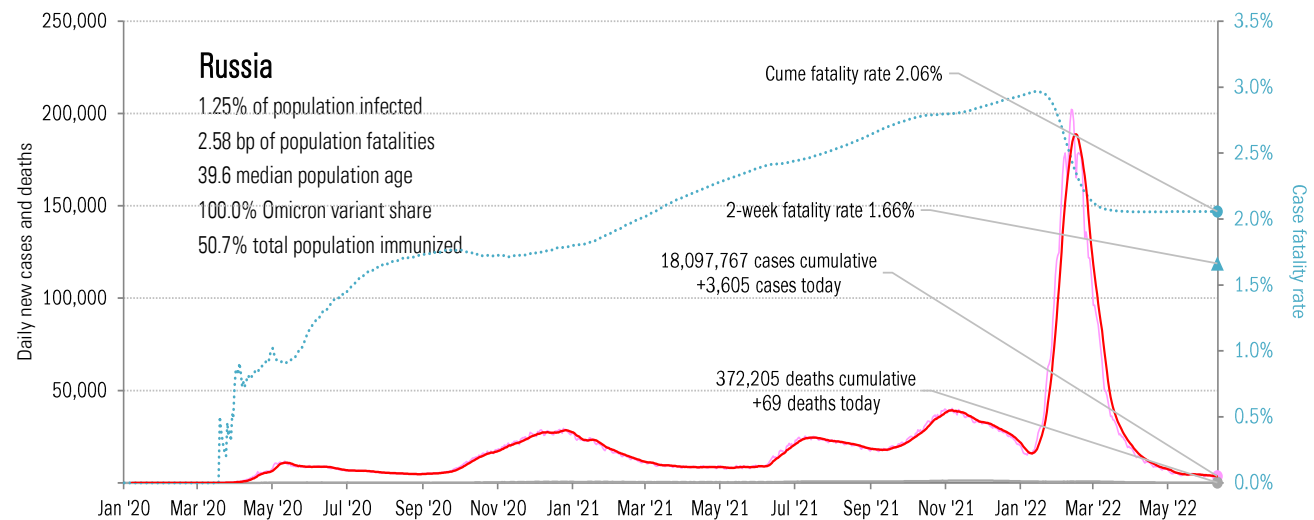
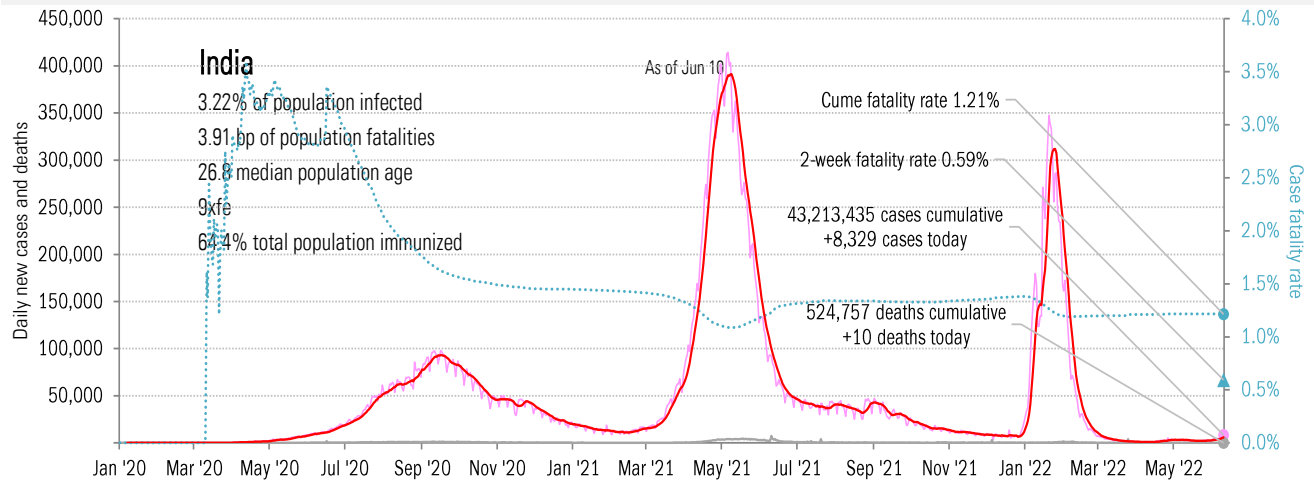
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

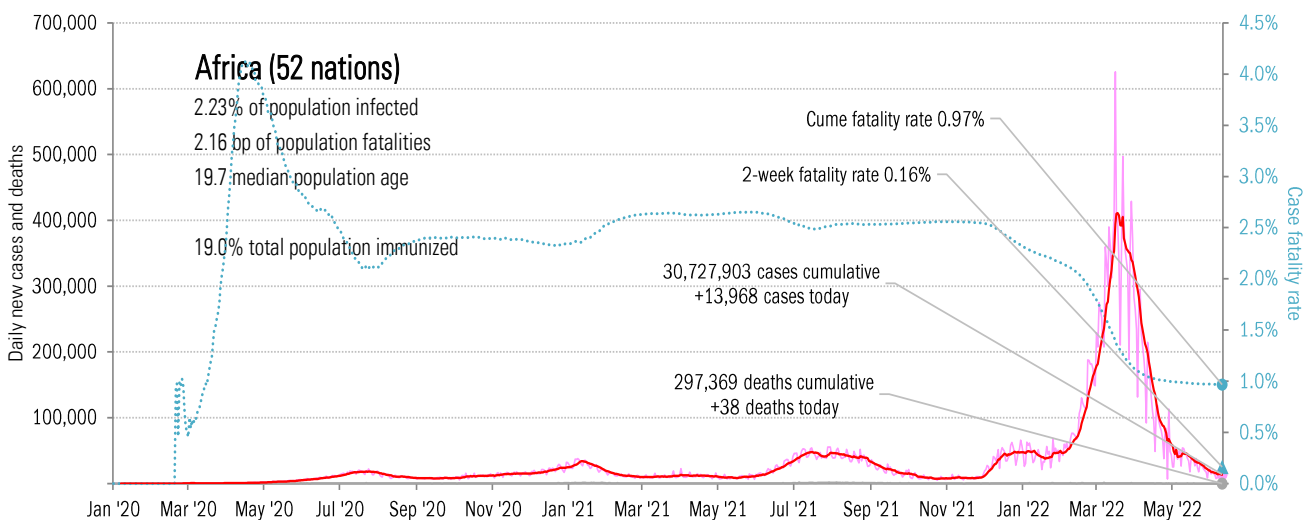
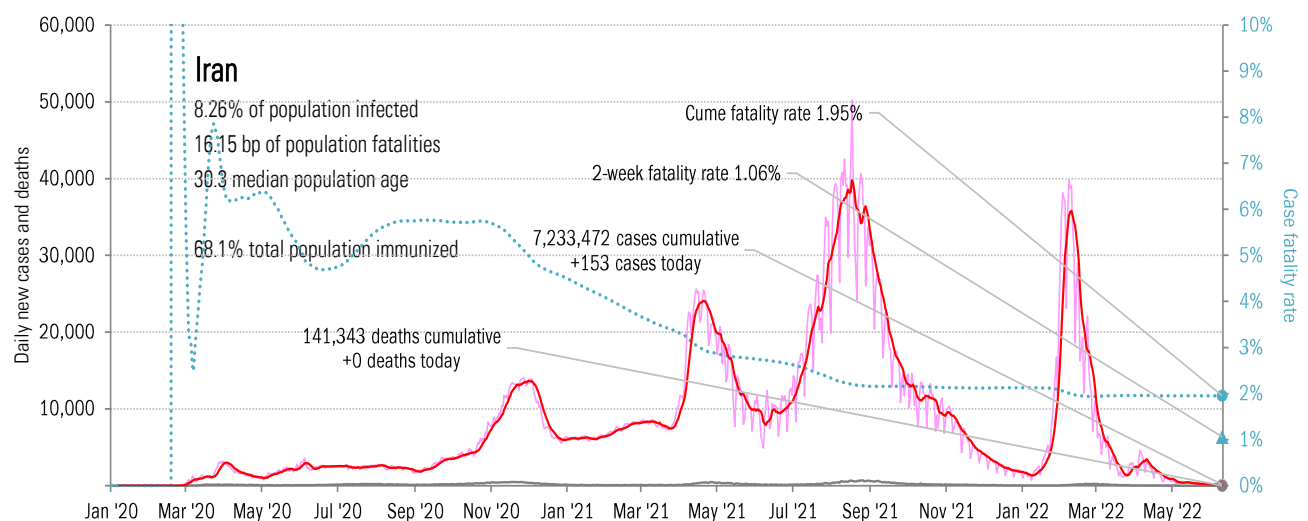
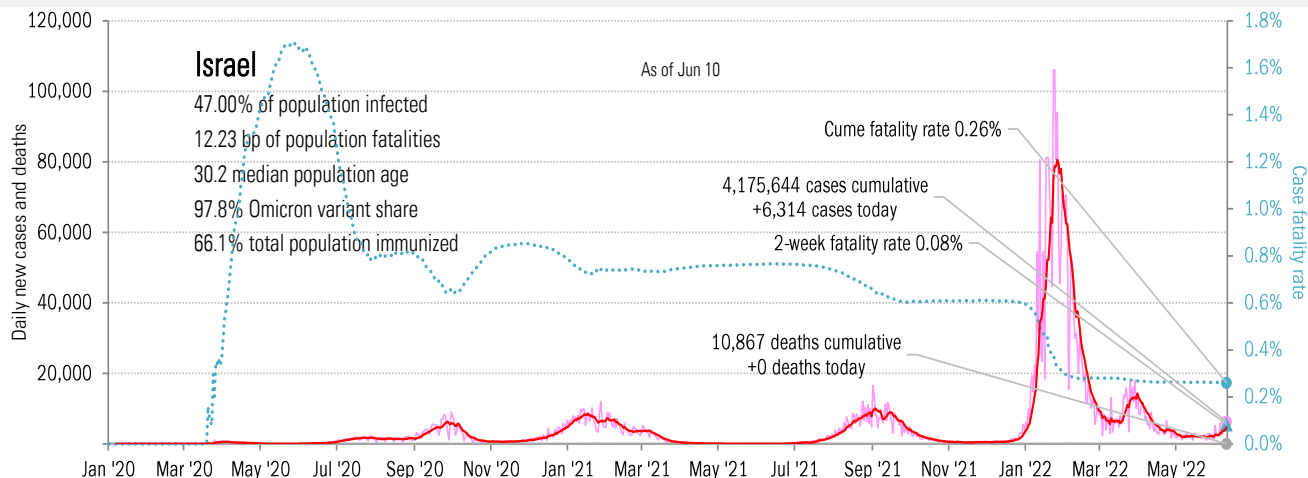
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

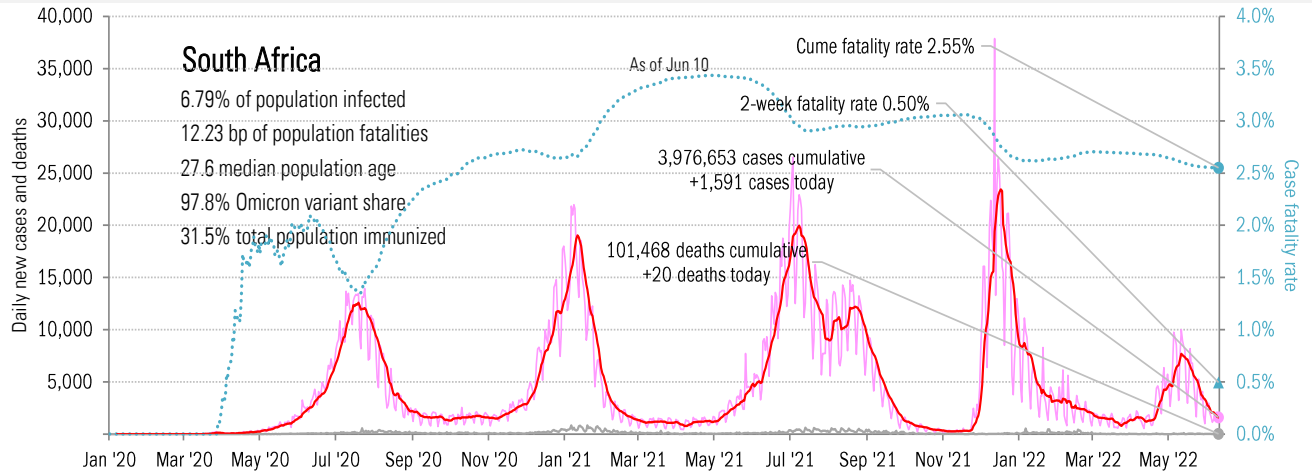
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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