

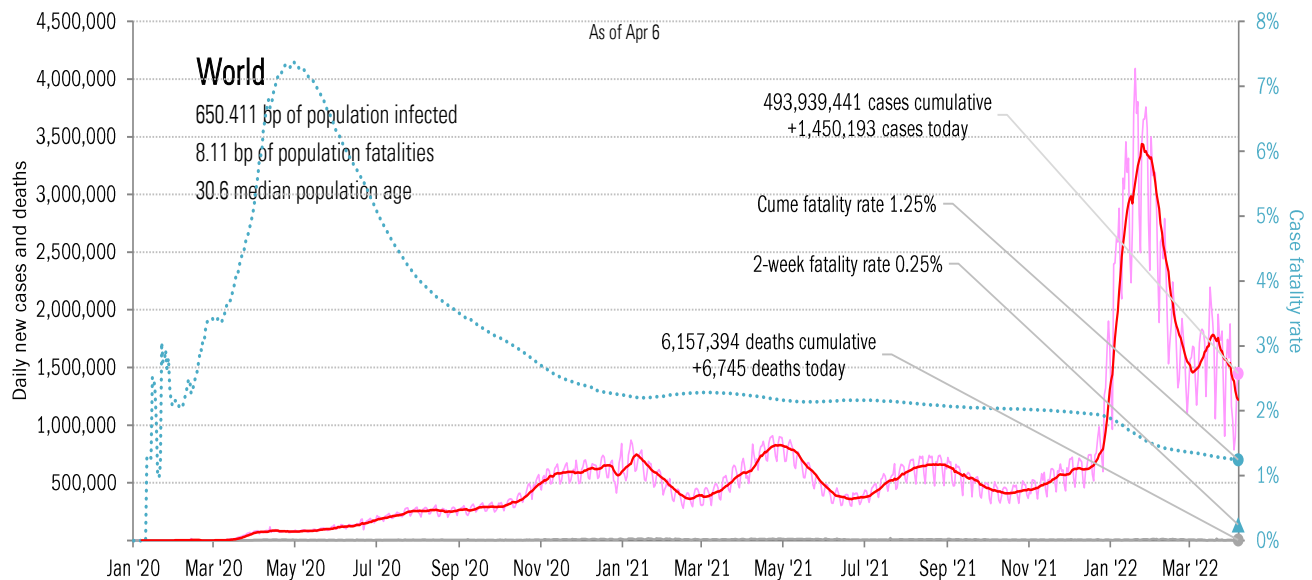
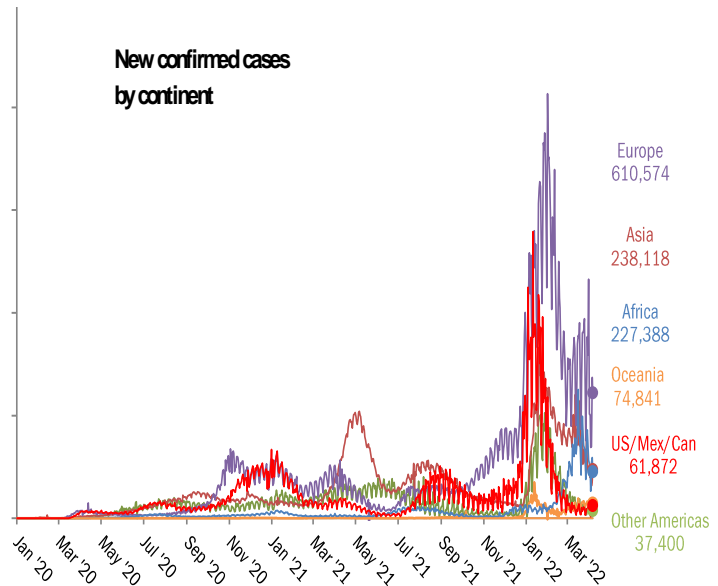
Data Insights: Covid-2019 Monitor

Thursday, April 7, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Korea, South	224,761	United Kingdom	2,947
Germany	216,714	Germany	668
France	150,972	United States	500
Italy	69,885	Korea, South	348
Australia	62,608	Russia	285
Vietnam	58,424	Brazil	194
Japan	54,761	Thailand	185
United Kingdom	51,533	Italy	150
Thailand	50,333	Norway	149
United States	40,176	France	117
980,167		5,543	
World	1,450,193	World	6,745
Top ten	68%	Top ten	82%



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

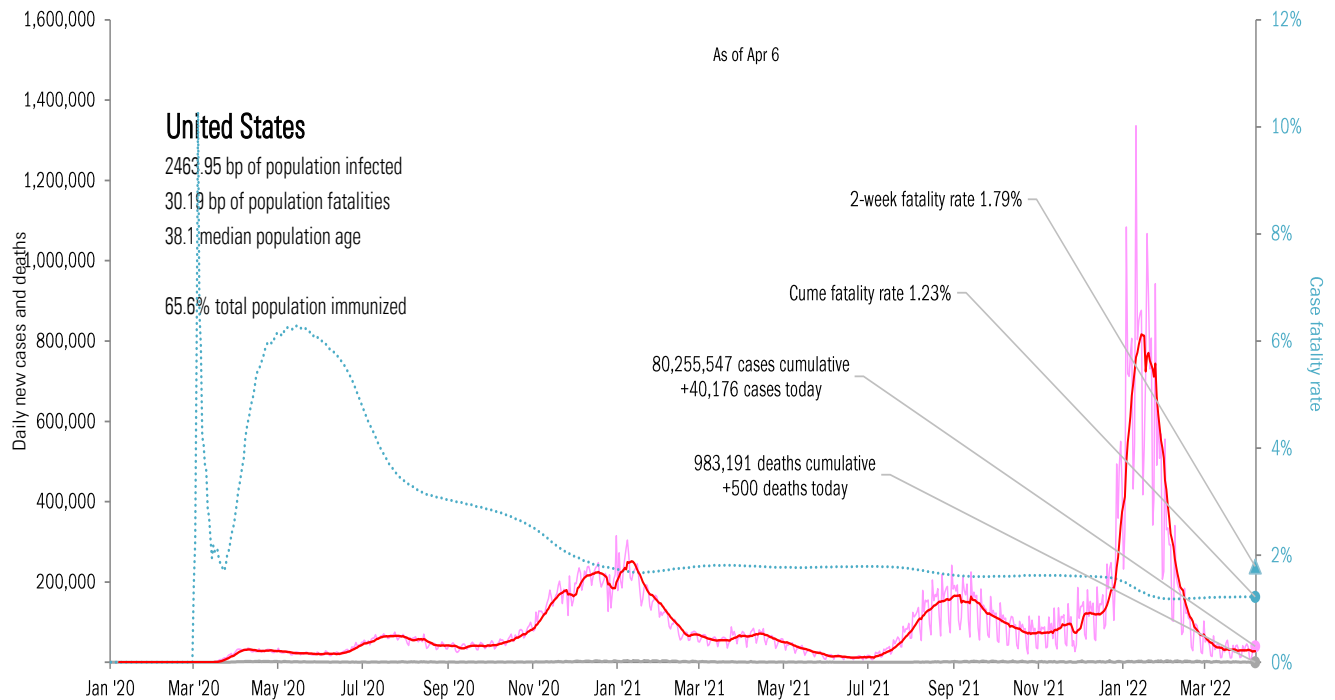
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use			
WA	5,974		CR	77		NJ	60		CA	9,120,316		CA	89,221		TX	487,705		RI	90%		VT	92%	
NY	4,522		MI	70		GA	67		TX	6,741,250		TX	87,556		CA	423,366		MA	84%		TX	88%	
MI	3,759		CA	67		MT	27		FL	5,891,565		FL	73,503		FL	413,812		MN	82%		AK	83%	
TX	2,561		GA	48		IL	75		NY	5,016,872		NY	68,023		NY	245,645		MO	81%		NM	83%	
IL	2,193		TX	47		TX	142		IL	3,076,628		PA	44,370		GA	206,799		WA	81%		KY	81%	
NJ	1,863		FL	45		AZ	50		PA	2,785,346		CH	38,042		CH	190,267		MD	80%		DE	80%	
MA	1,492		NV	45		OR	16		CH	2,672,801		GA	37,225		PA	175,740		PA	80%		AL	79%	
CO	1,408		VA	34		CT	26		NC	2,634,007		IL	35,876		IL	156,754		DE	80%		RI	79%	
CR	1,302		WA	29		PA	50		GA	2,502,192		MI	35,776		MI	140,843		WV	80%		MA	79%	
NV	1,208		AZ	25		SD	6		MI	2,393,265		NJ	33,278		KY	132,686		DC	79%		MS	78%	
26,282			487			519			42,834,242			542,870			2,573,617								
All states	39,531		500			1,455			All states	80,255,547		983,191			4,673,294			All states	70%		67%		
Top ten	66%		97%			36%			Top ten	53%		55%			55%			Median	75%		72%		

Some states not reporting

Five most improved US states

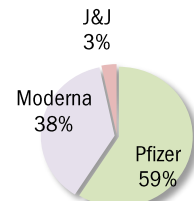
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
FL	-6,561	SC	-59	NY	-30	DE	+10 bp
CA	-6,114	CA	-35	WV	-20	ID	+10 bp
OK	-2,043	IL	-25	MA	-14	KS	+10 bp
SC	-1,566	WI	-17	OK	-9	MD	+10 bp
MN	-728	AL	-16	IN	-8	NJ	+10 bp



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

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	578,463,185		+0.231 million	US	65.6%	77.0%
Boosters	99,589,320		+0.073 million	UK	72.6%	77.5%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	263,555,040	79%	224,294,288	67%	+0.044 million	France 77.8% 80.1%
Age 12 to 17	17,583,247	69%	15,007,607	59%	+0.005 million	Spain 86.1% 88.0%
Age 18 to 64	177,494,102	87%	150,579,035	74%	+0.022 million	Germany 75.3% 75.9%
Age 65 and over	58,381,688	100%	50,614,122	92%	+0.010 million	Italy 79.3% 84.0%



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

Israel	66.0%	72.2%
Canada	82.0%	86.0%
Japan	80.0%	81.5%
Africa	15.3%	20.5%
India	59.9%	71.2%
Brazil	75.4%	84.8%
China	86.0%	88.5%

Global data differs due to sources, timing

AK	69.4%
	61.8%

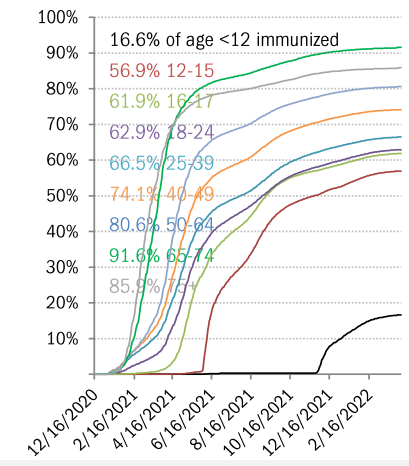
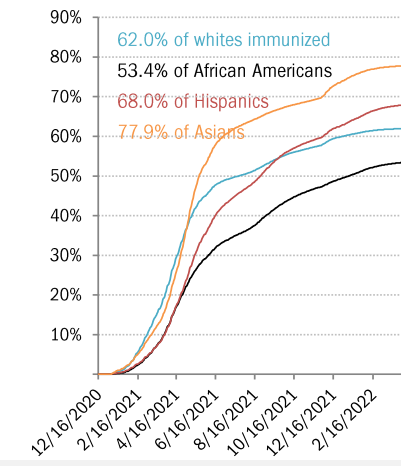
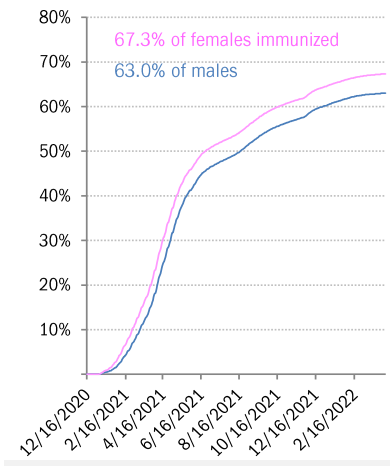
Immunity = two doses

As of Apr 6

					WI					ME
					71.5%					89.7%
					65.2%					78.9%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
80.4%	60.8%	64.9%	64.7%	74.8%	76.5%	66.7%		89.7%	93.1%	90.3%
72.2%	53.7%	56.5%	54.7%	68.8%	68.4%	59.8%		76.3%	80.7%	69.5%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
77.5%	74.7%	58.5%	75.8%	67.7%	61.2%	63.3%	84.2%	89.9%	95.0%	
69.2%	60.4%	51.2%	60.7%	61.6%	54.6%	58.1%	67.8%	75.1%	78.3%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.7%	71.8%	78.9%	70.0%	65.9%	65.9%	64.7%	85.1%	85.9%	94.8%	95.0%
71.2%	63.9%	69.8%	63.2%	55.7%	57.1%	57.3%	72.7%	75.1%	78.6%	81.8%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	72.4%	86.9%	74.1%	66.3%	61.8%	83.3%	67.2%	95.0%	82.5%	
	61.0%	70.5%	60.9%	54.0%	54.1%	60.2%	56.6%	73.1%	68.5%	
			OK	LA	MS	AL	GA			
			70.6%	60.8%	59.3%	62.4%	65.0%			
			56.7%	53.2%	51.5%	50.7%	54.3%			
			TX					FL		PR
			72.3%					78.8%		94.6%
			60.9%					66.6%		82.6%

HI	87.0%
	77.9%

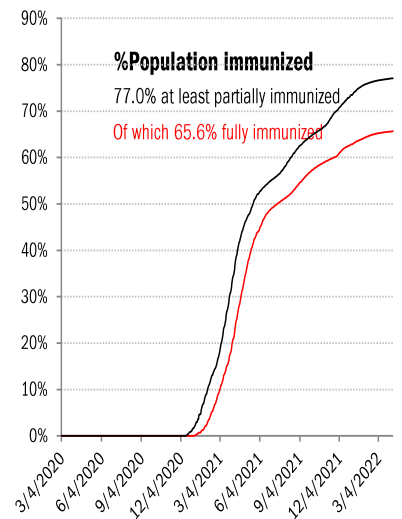
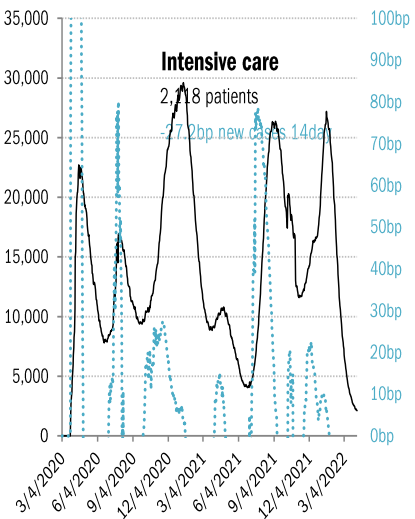
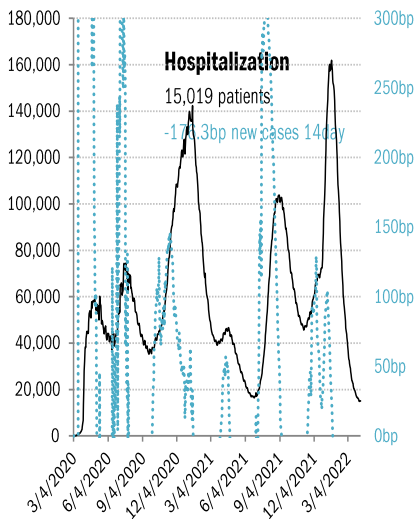
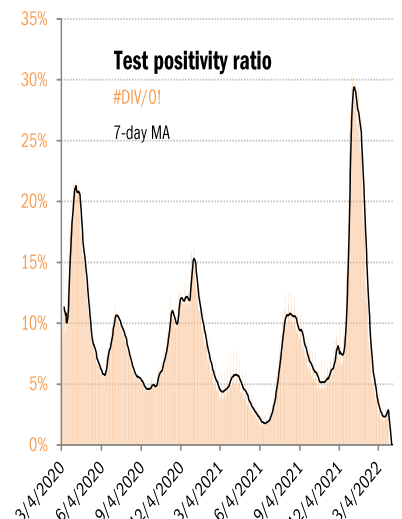
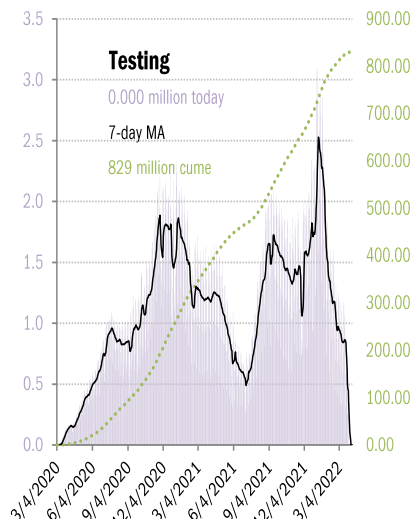
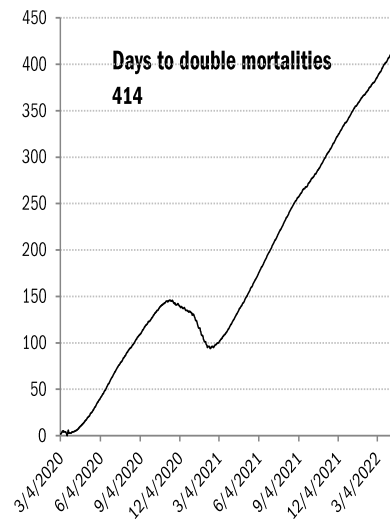
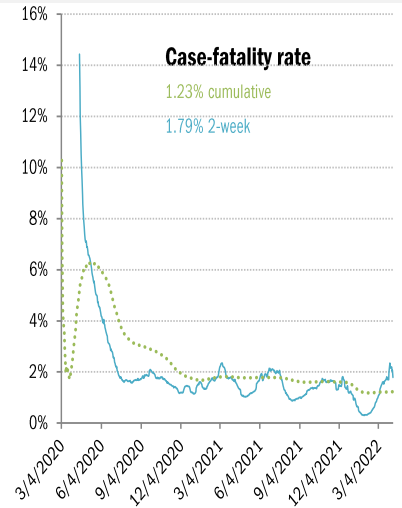
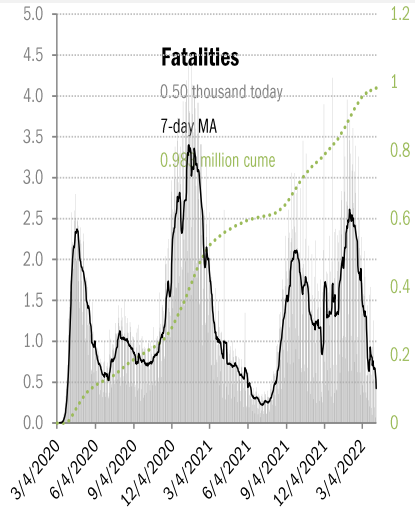
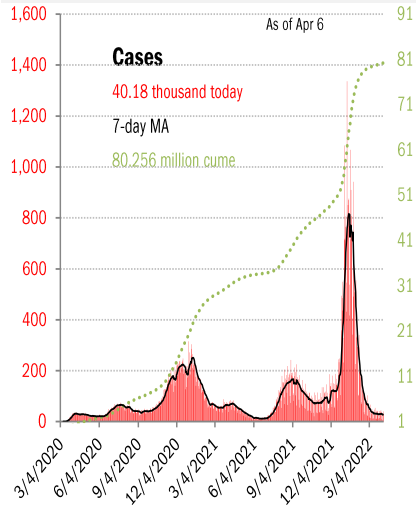
The demographics of US vaccination



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

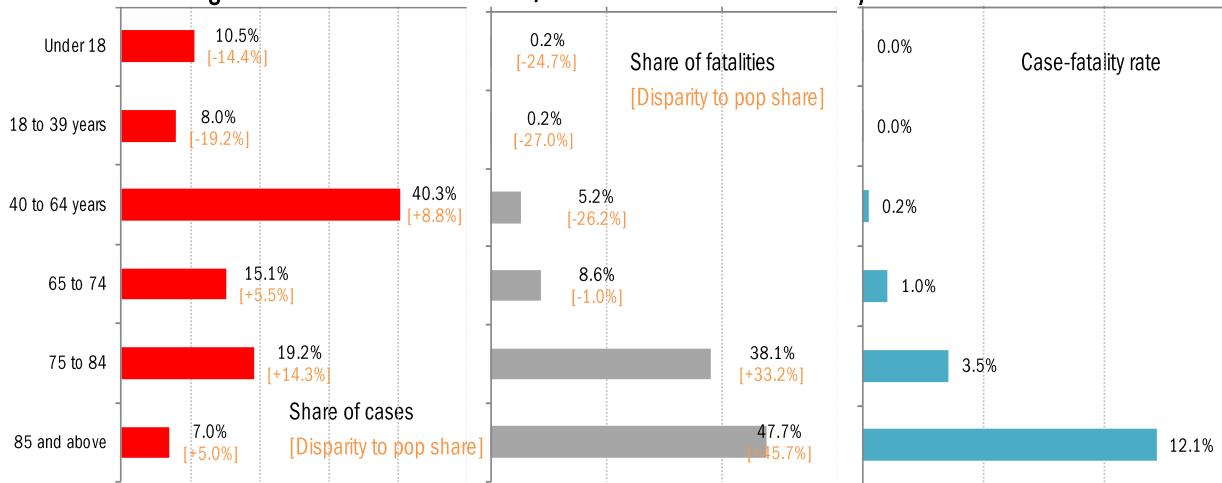
US deep-dive

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

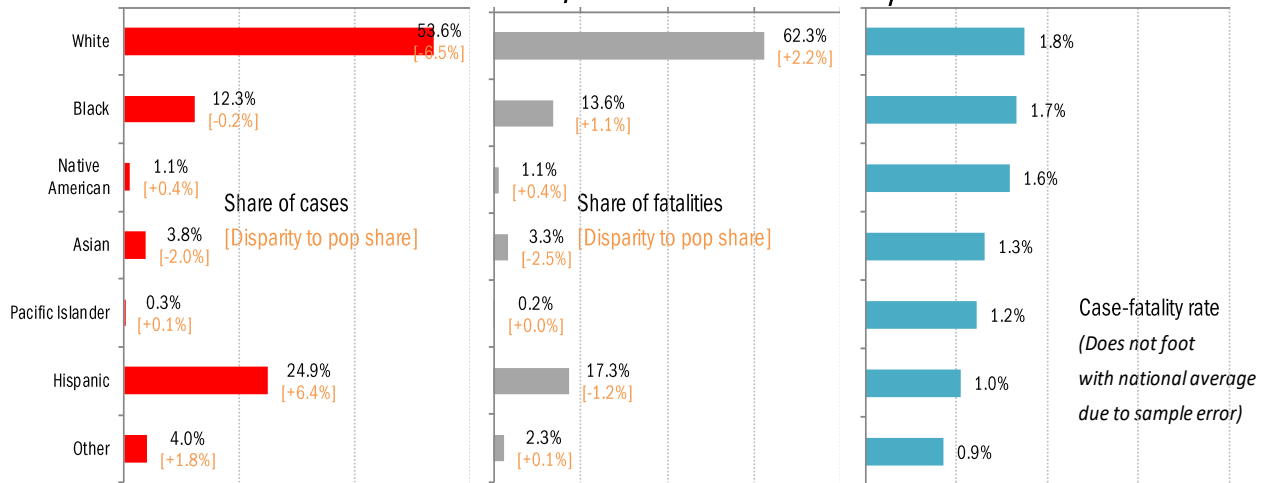


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

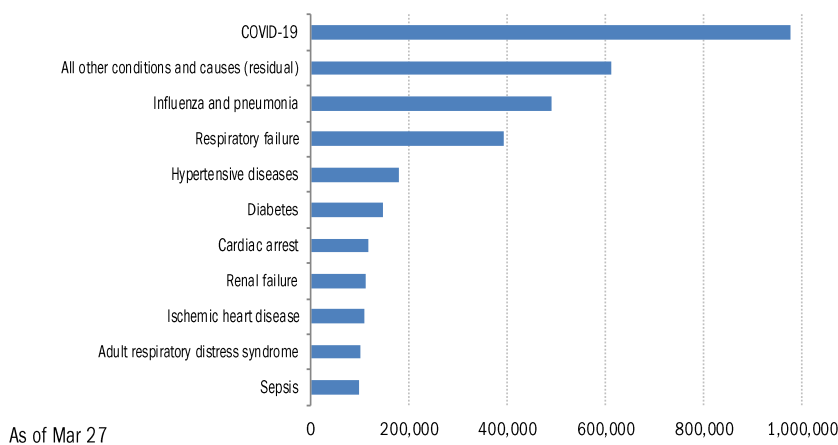


Racial distribution of US cases, fatalities and case-fatality rates



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 per death.

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

Recommended reading

[Senator Ron Johnson is a Truth Warrior and COVID hero](#)

Robert Malone
Who is Robert Malone
March 31, 2022

[China's Daily Covid Cases Top 20,000 as Isolation Expands](#)

Bloomberg
April 5, 2022

[Eric Adams FIRES NYC city lawyer mom on maternity leave for asking him why he's forcing under-fives to wear masks: She hits back saying 'je ne regrette rien' and says the 'fight continues'](#)

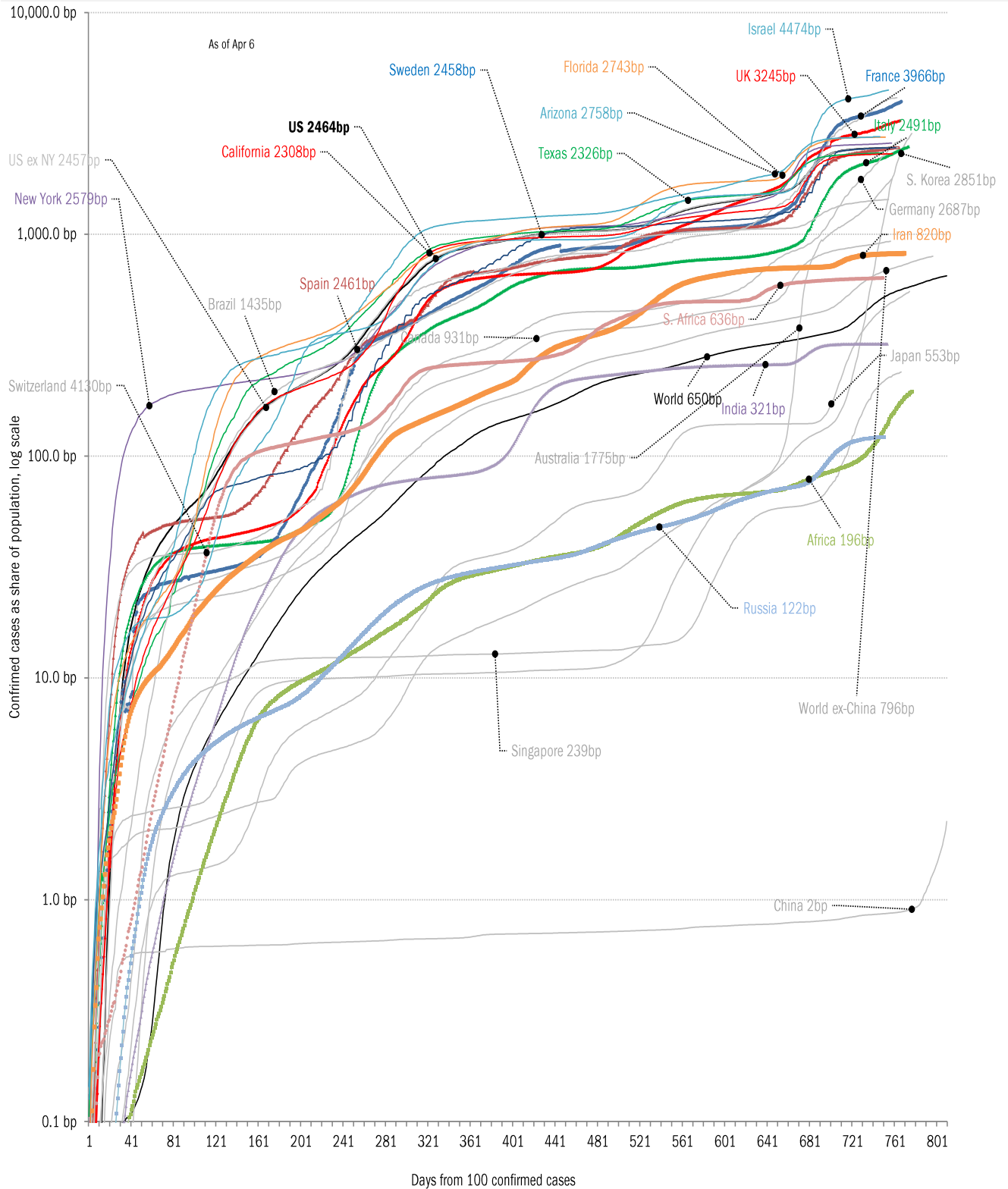
Jimmy McCloskey and Adam Manno
Daily Mail
April 5, 2022

Meme of the day



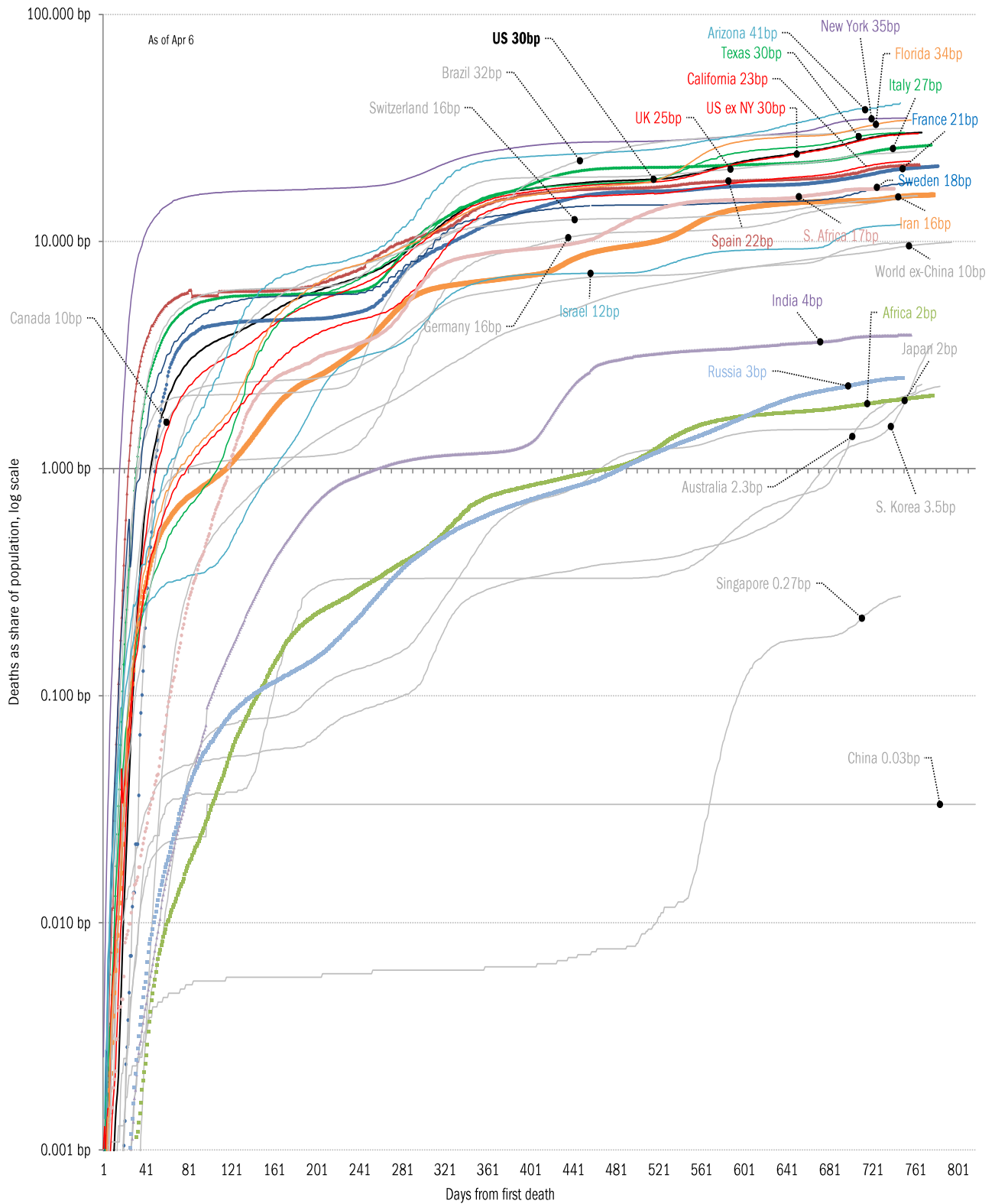
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

The 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 coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality, log scale

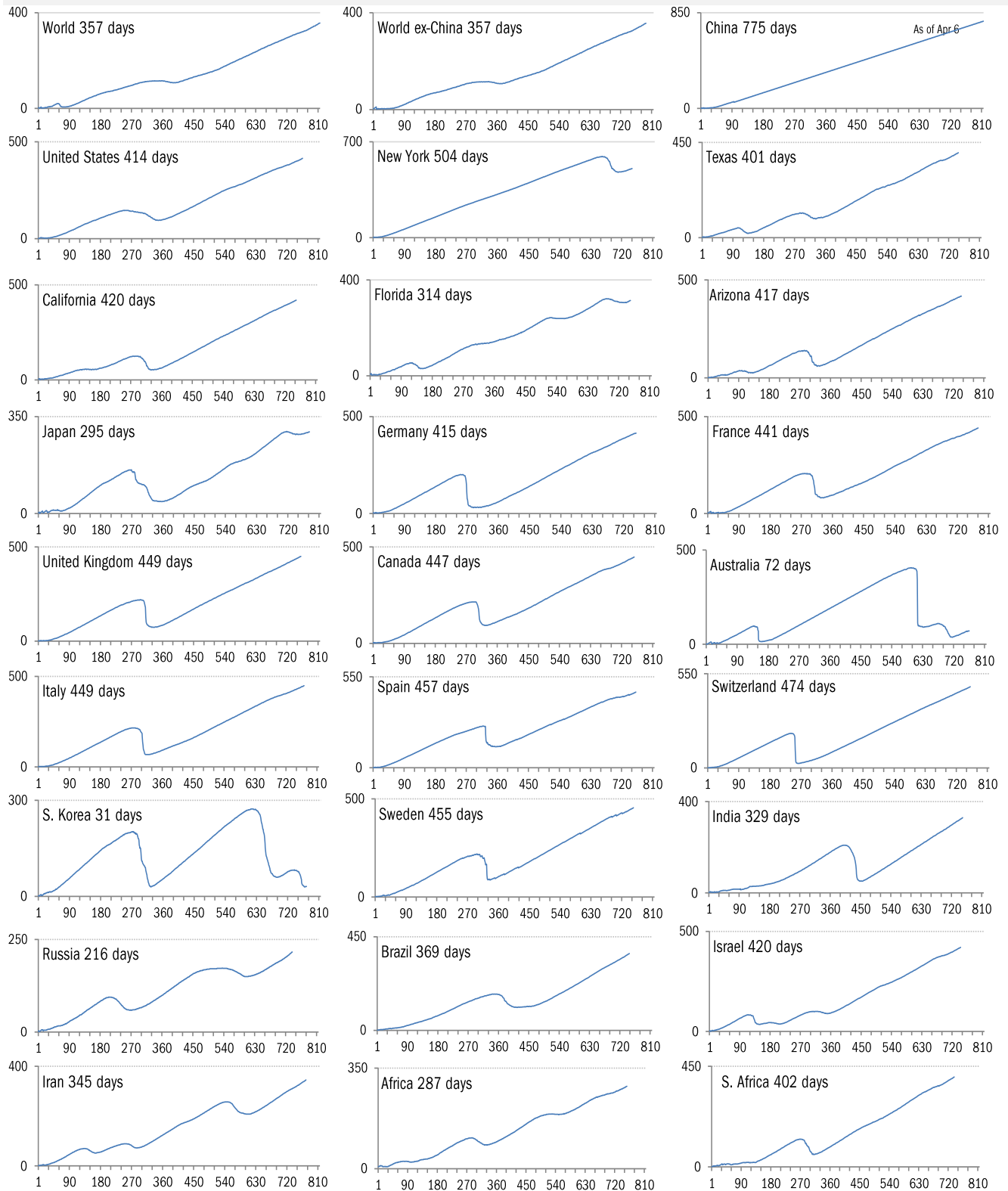


Source: [Johns Hopkins](#), TrendMacro calculations

"Exponential"? Our most reliable evidence of the rate of spread of Covid-19

Vertical: days to double deaths Horizontal: days from first death

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread

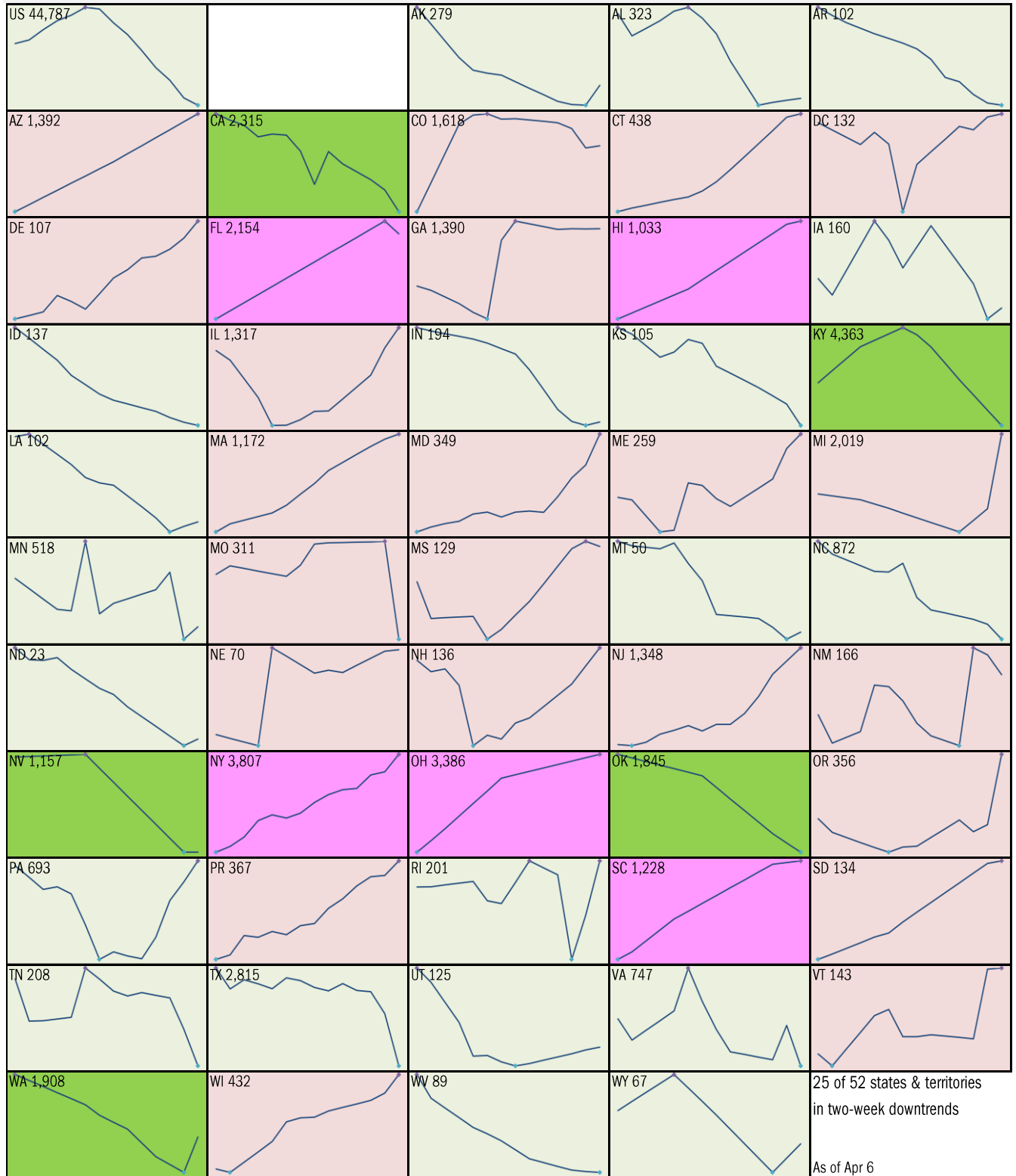


Source: [Johns Hopkins](#), TrendMacro calculations

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

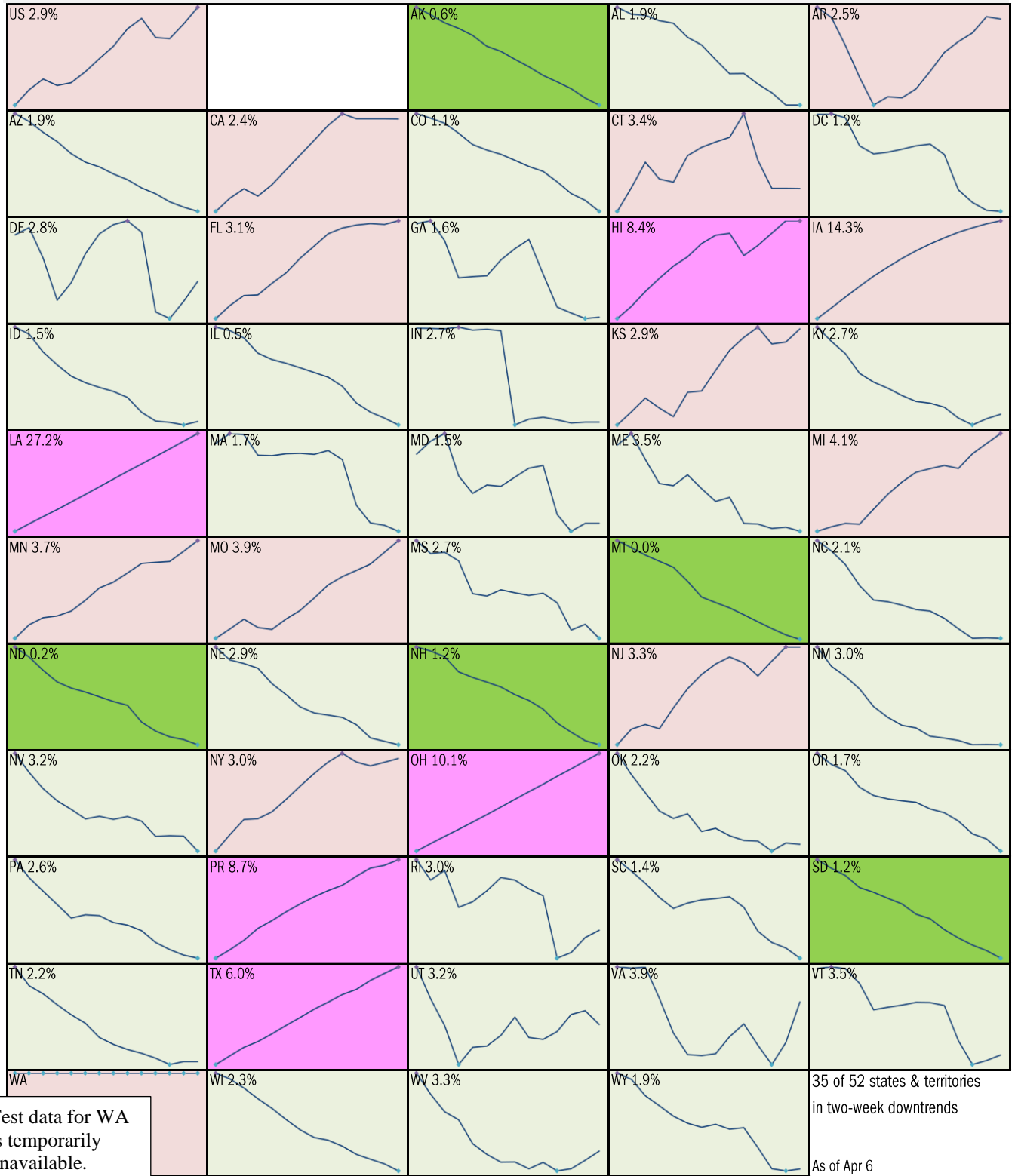


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in **test-positivity ratio**

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

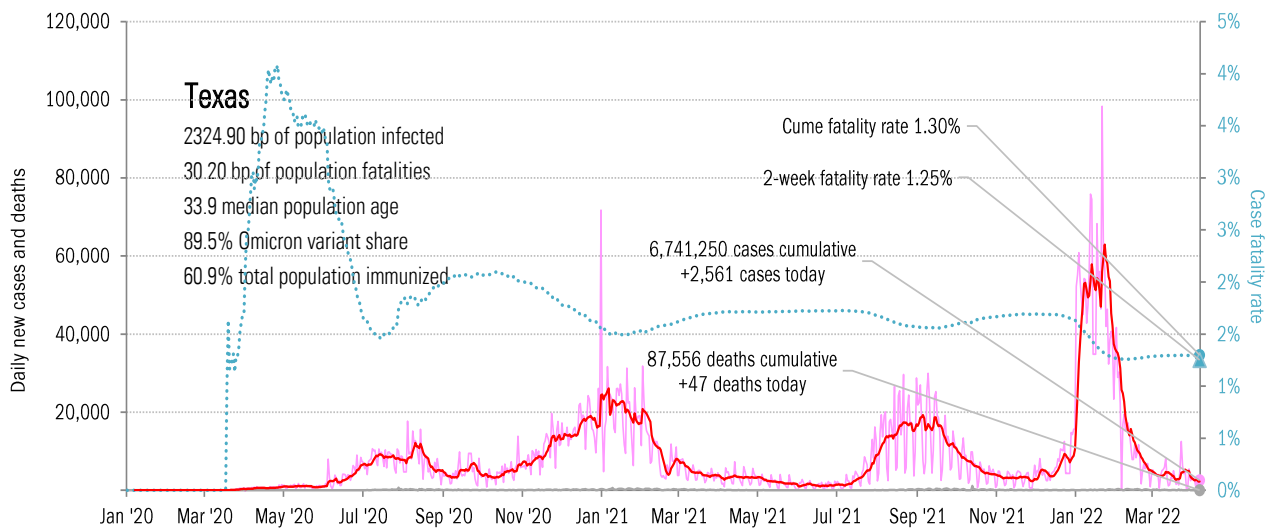
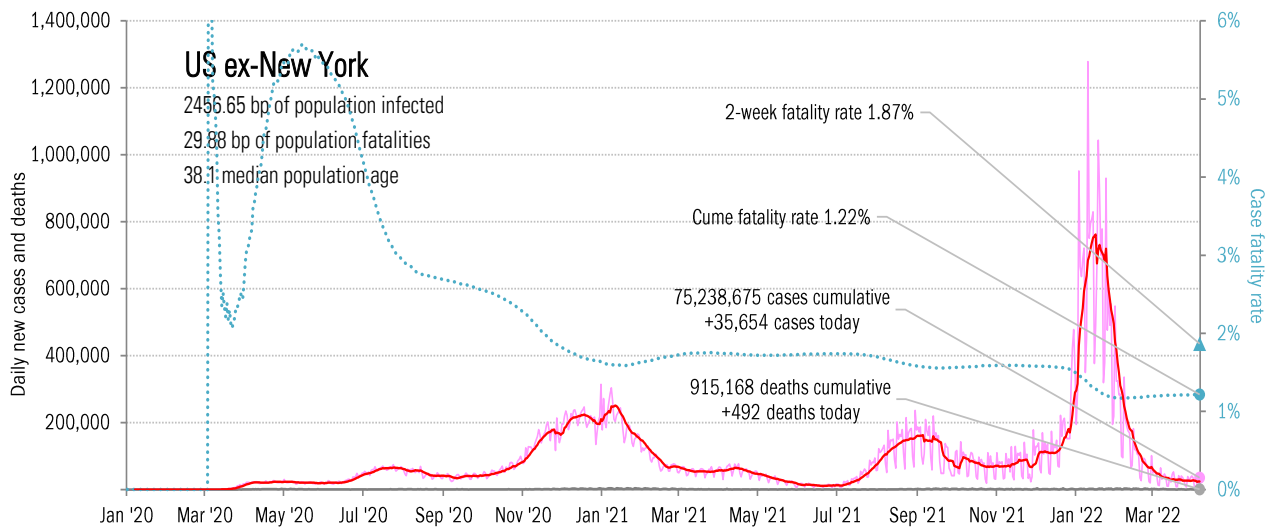
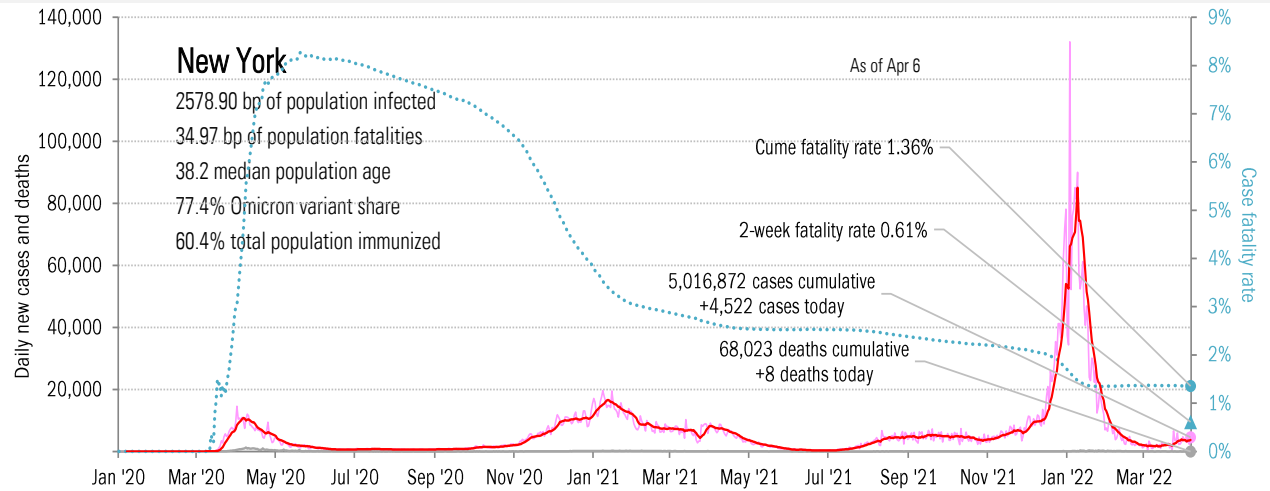
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



Source: [Covid Act Now](https://www.covidactnow.com), TrendMacro calculations

From Ground Zero to the Rio Grande

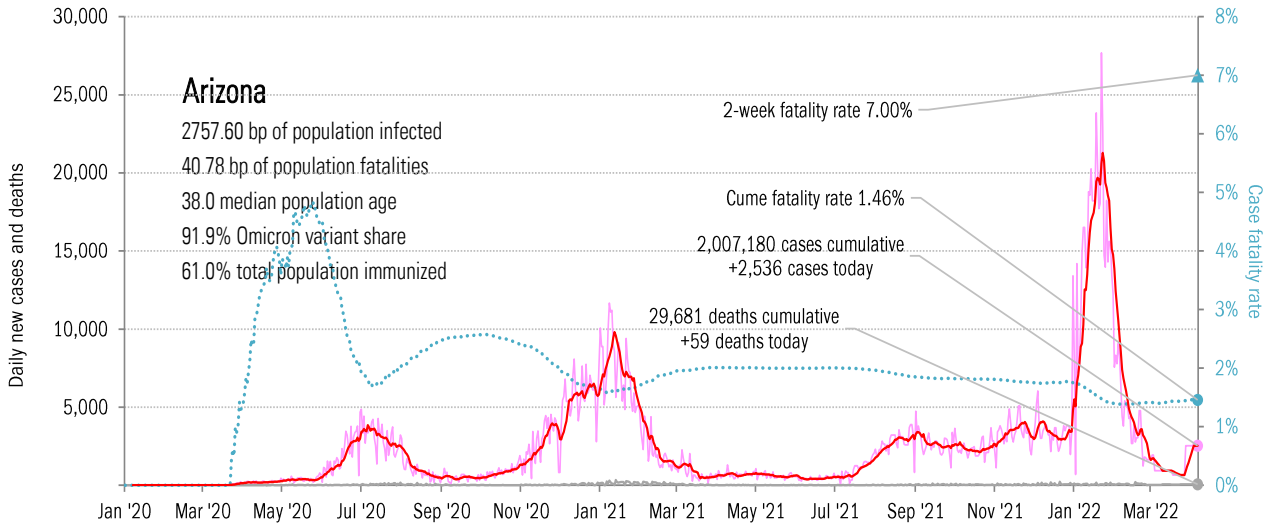
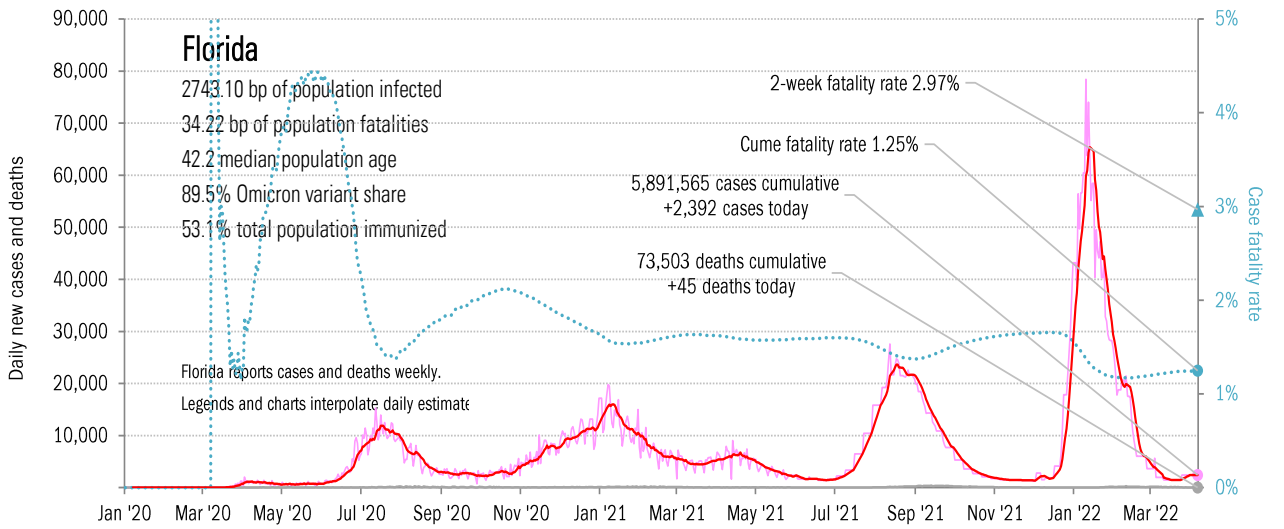
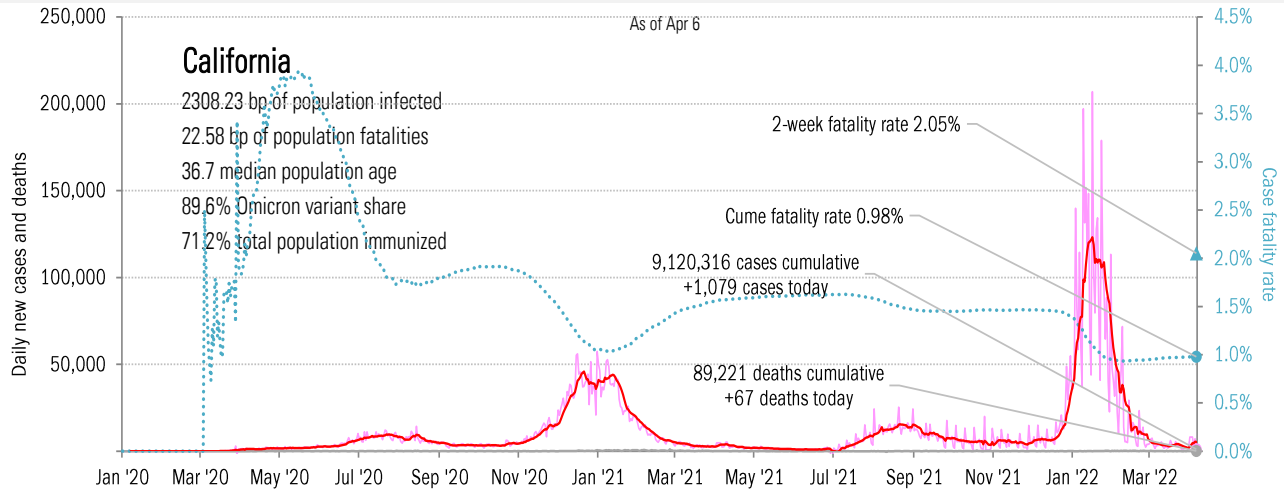
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

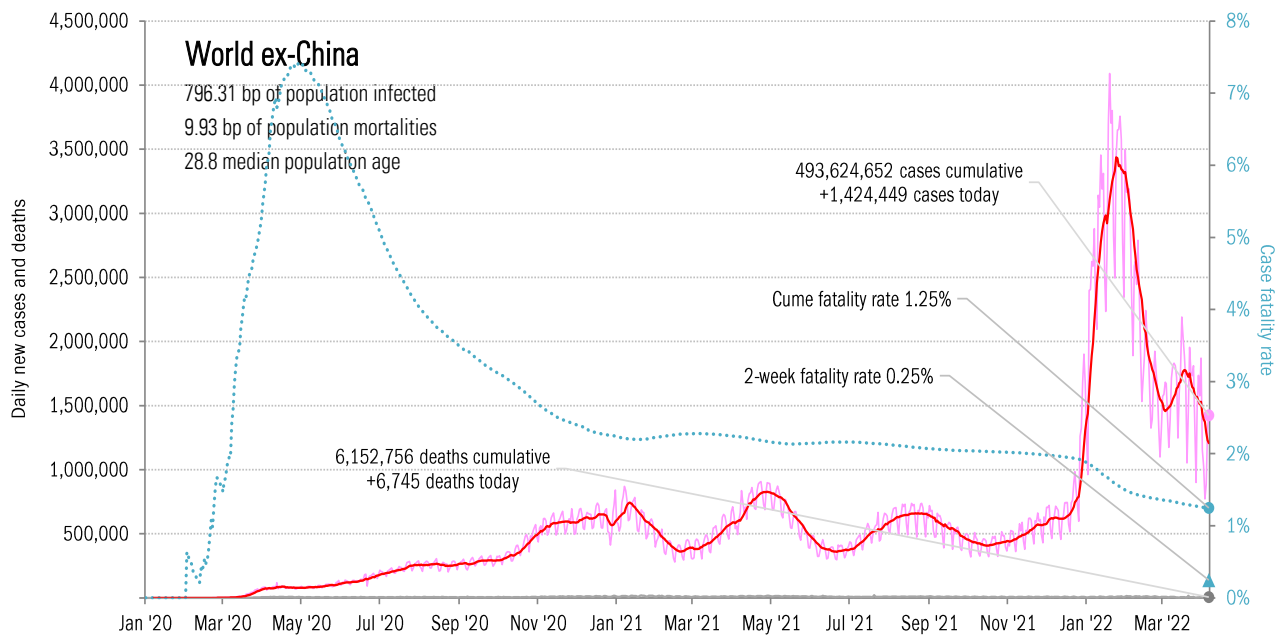
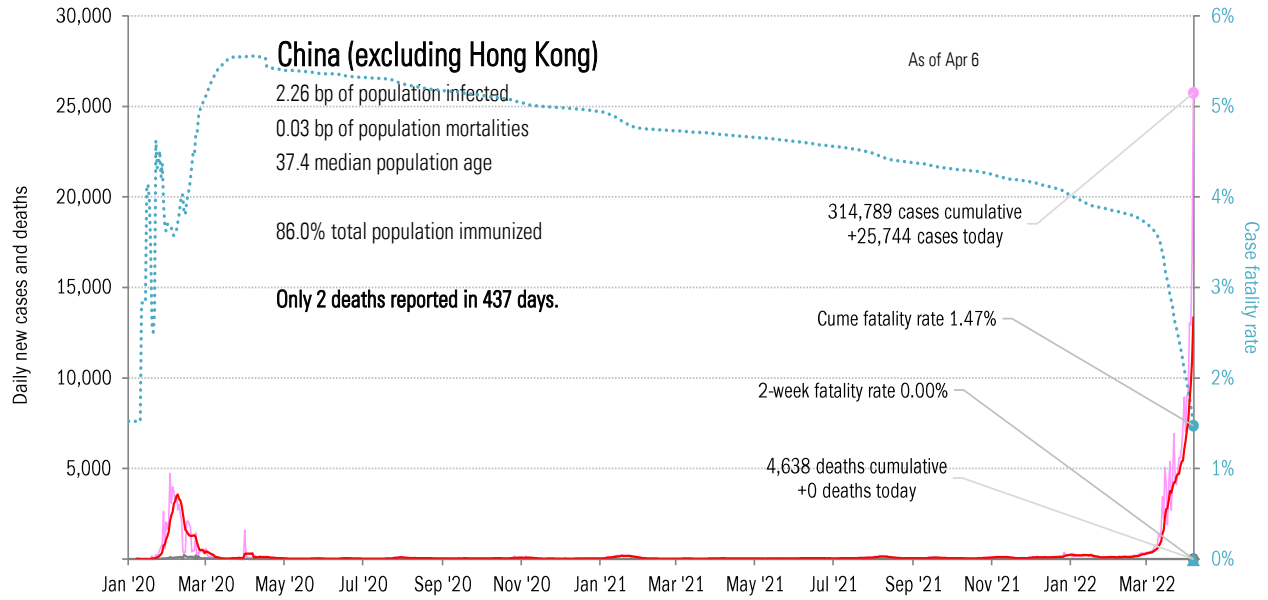
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

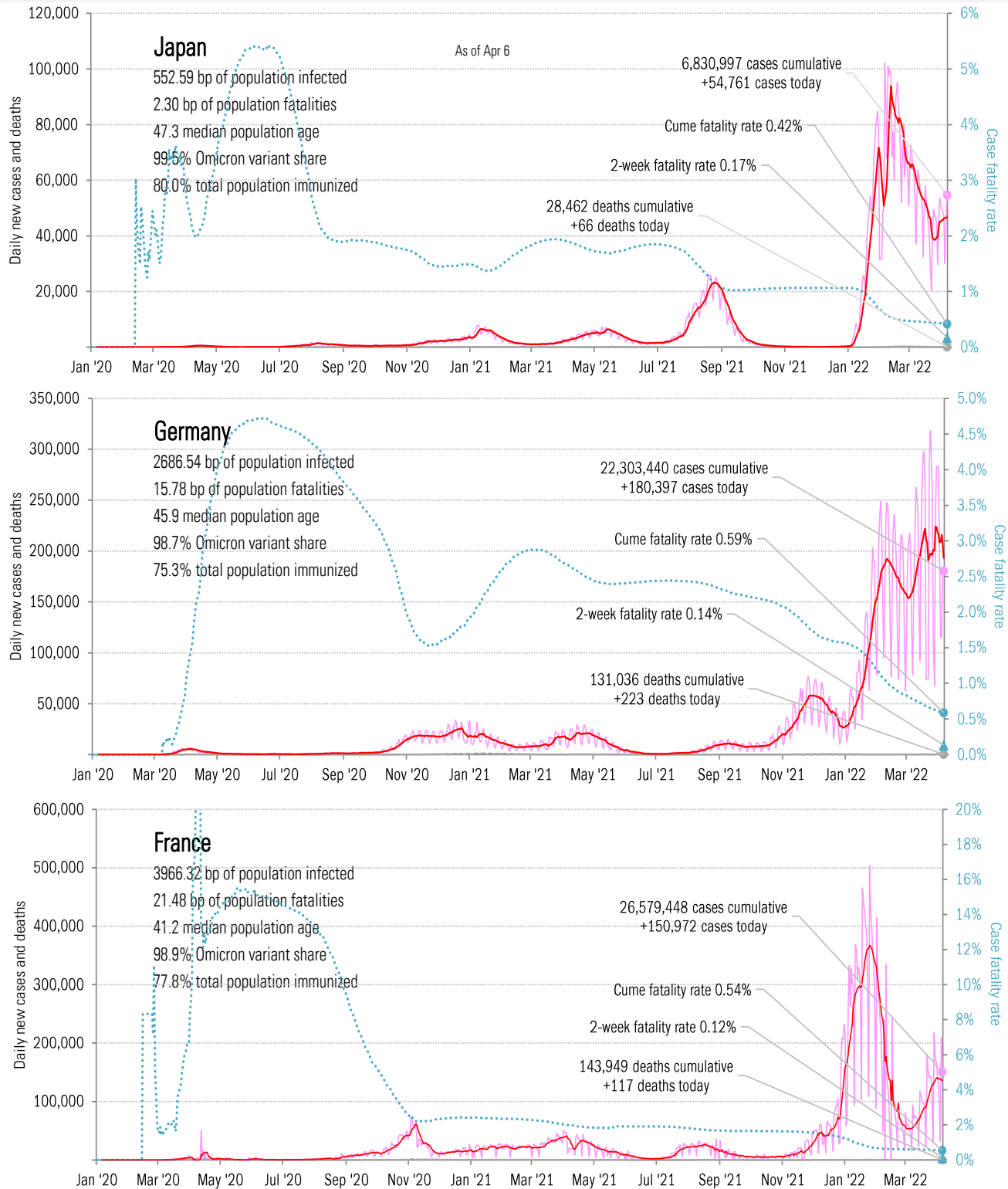
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

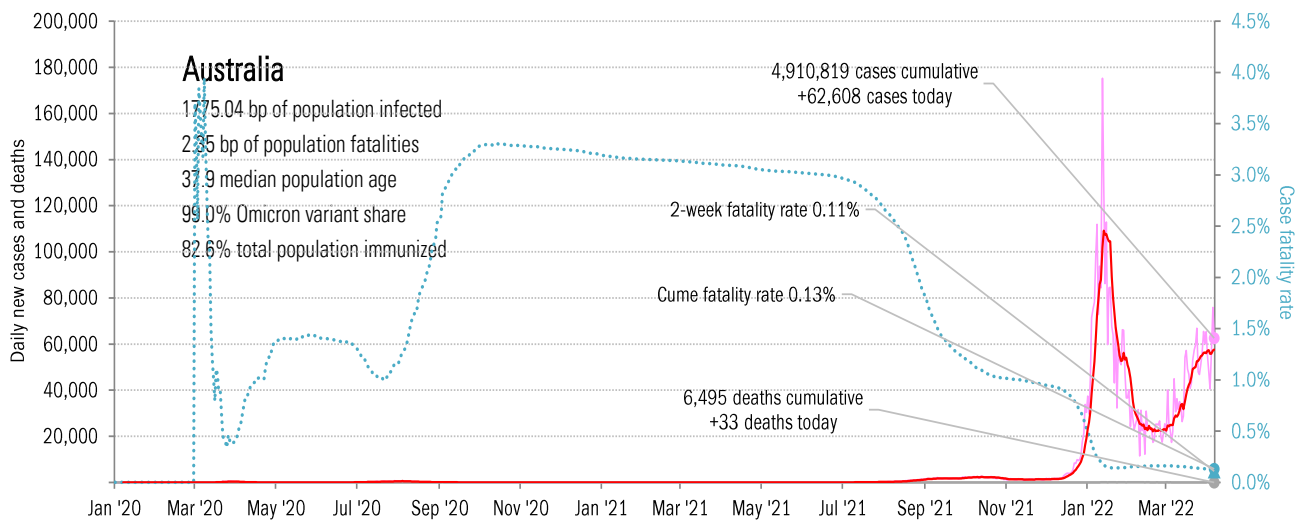
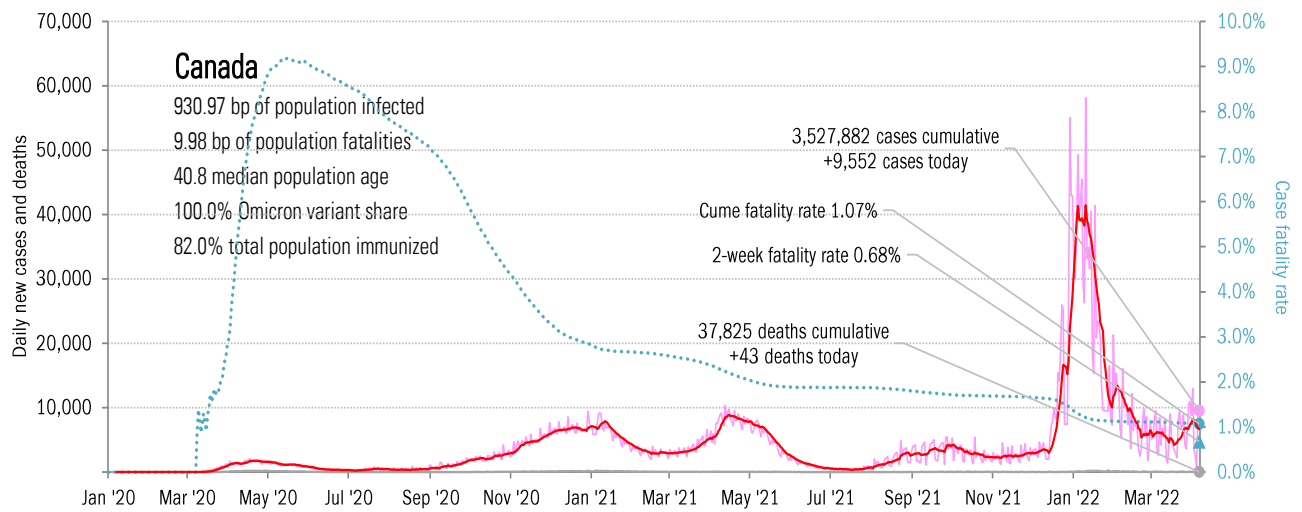
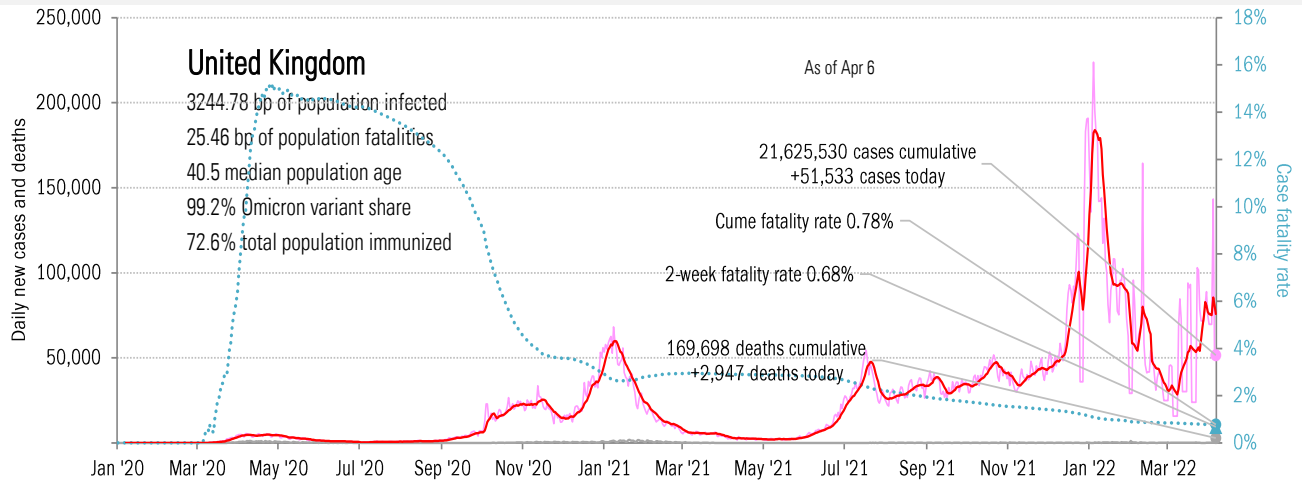
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

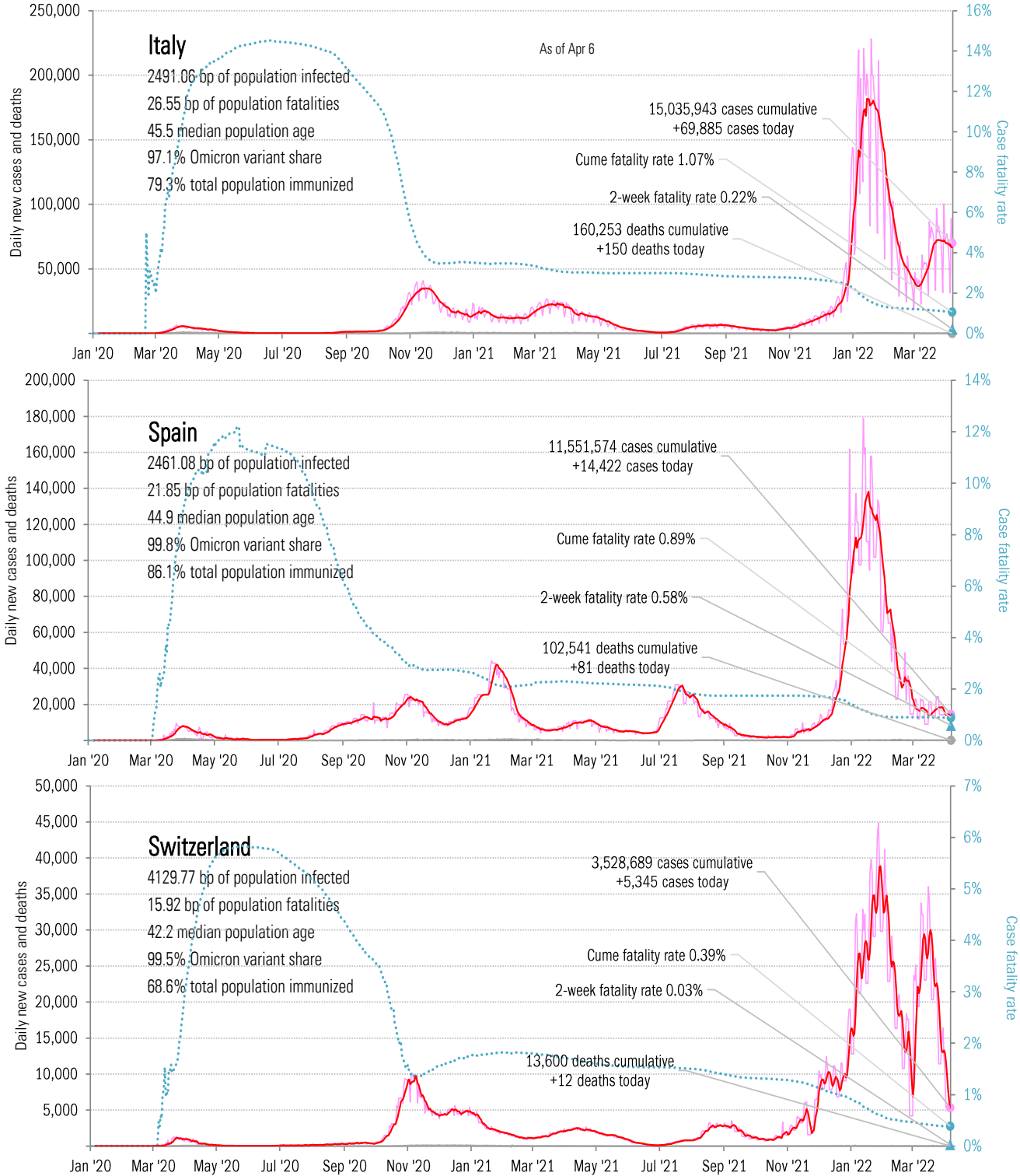
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

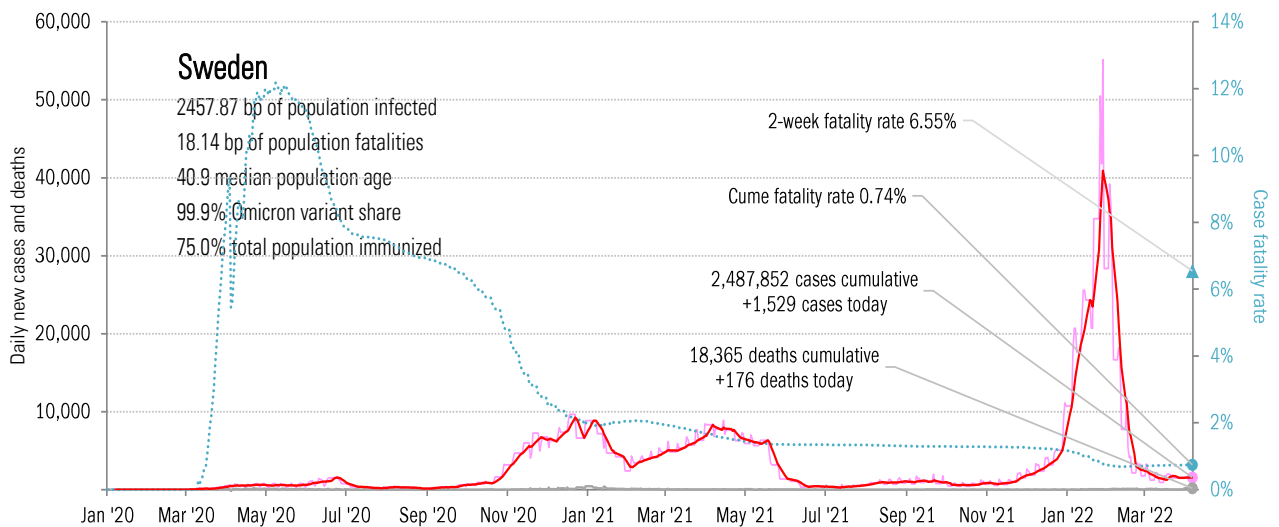
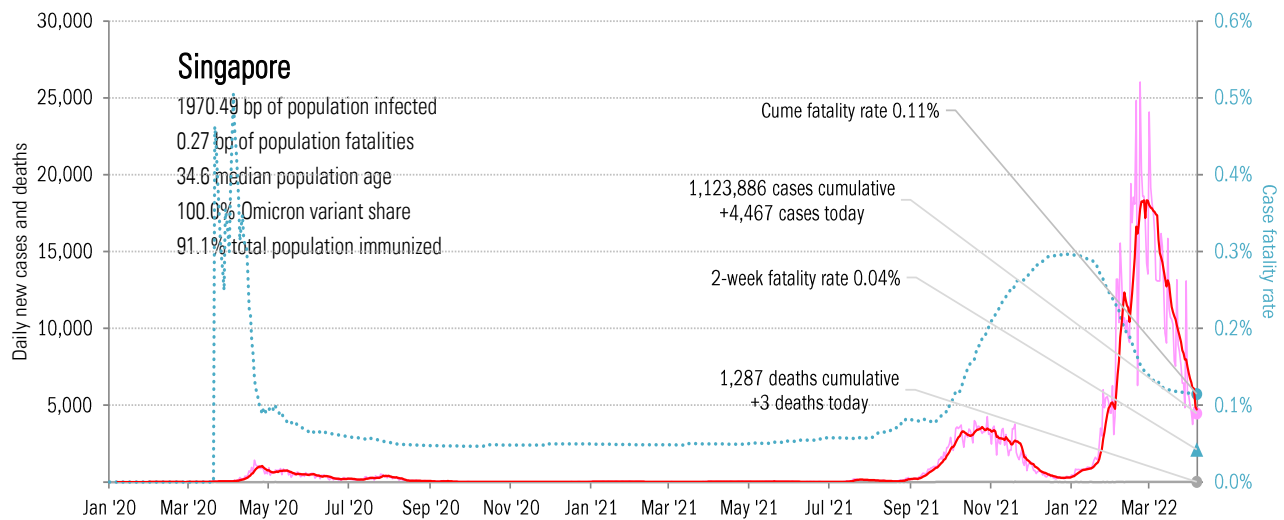
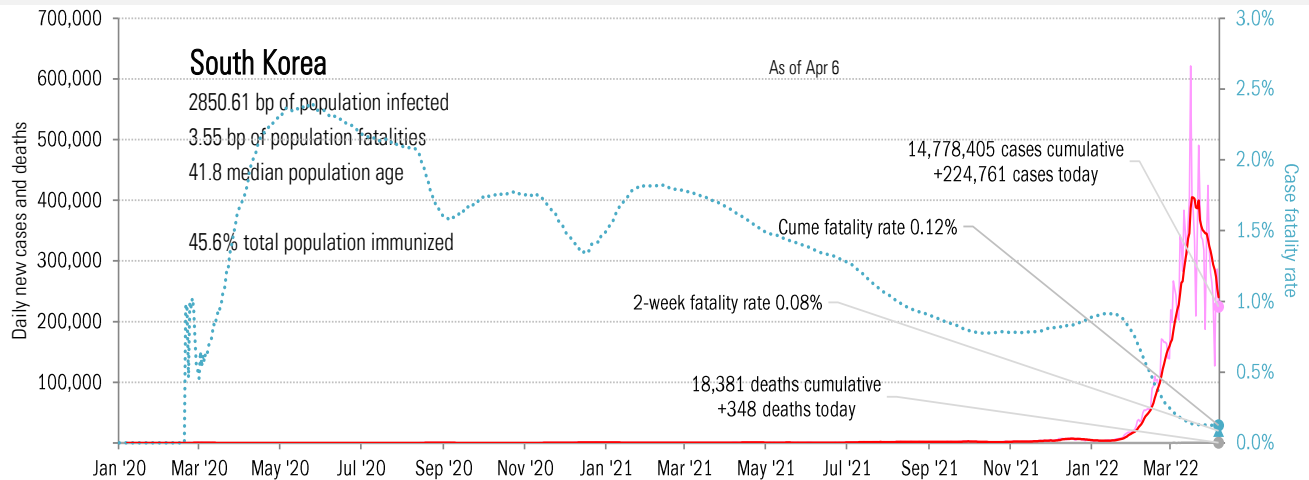
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

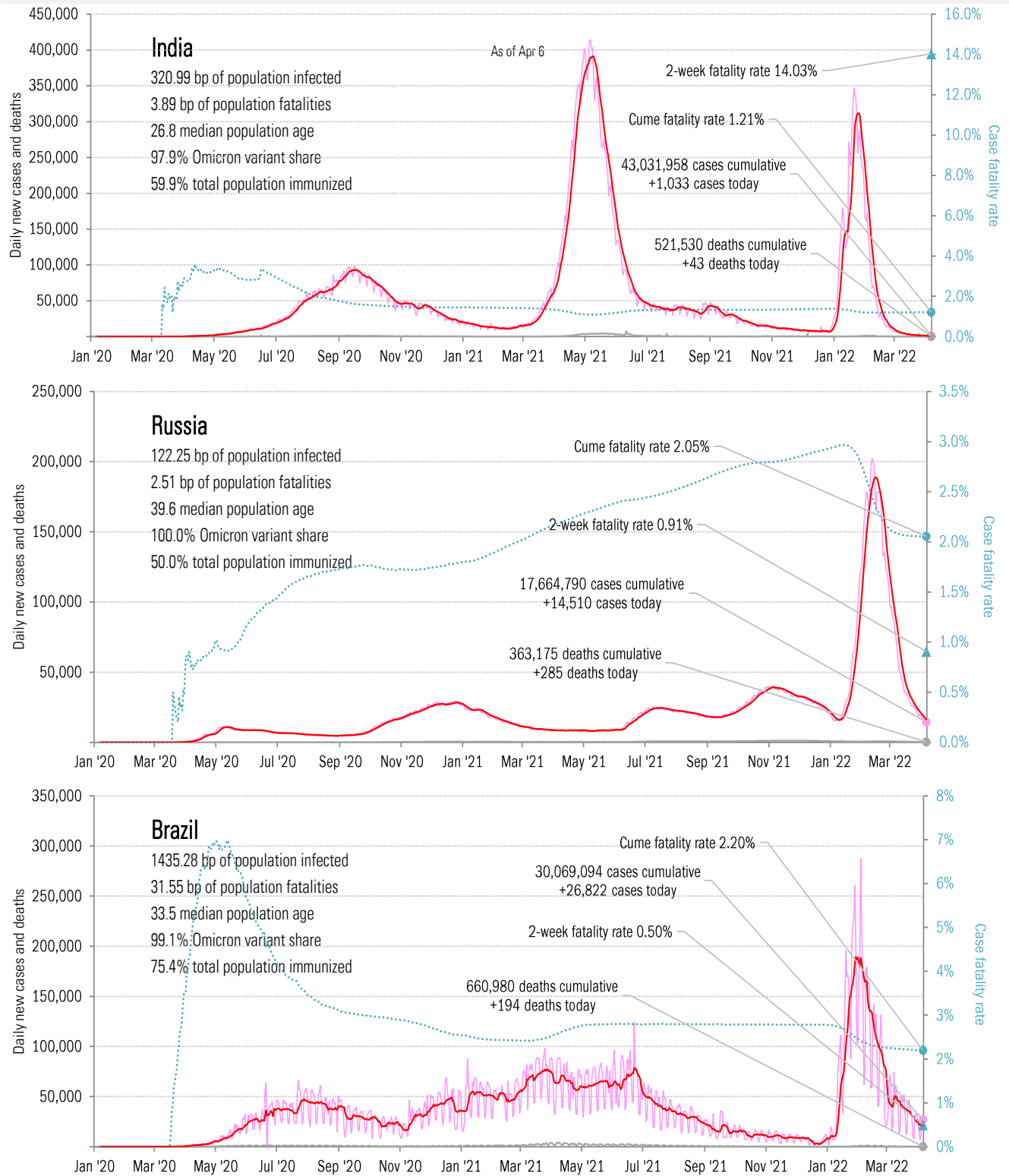
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

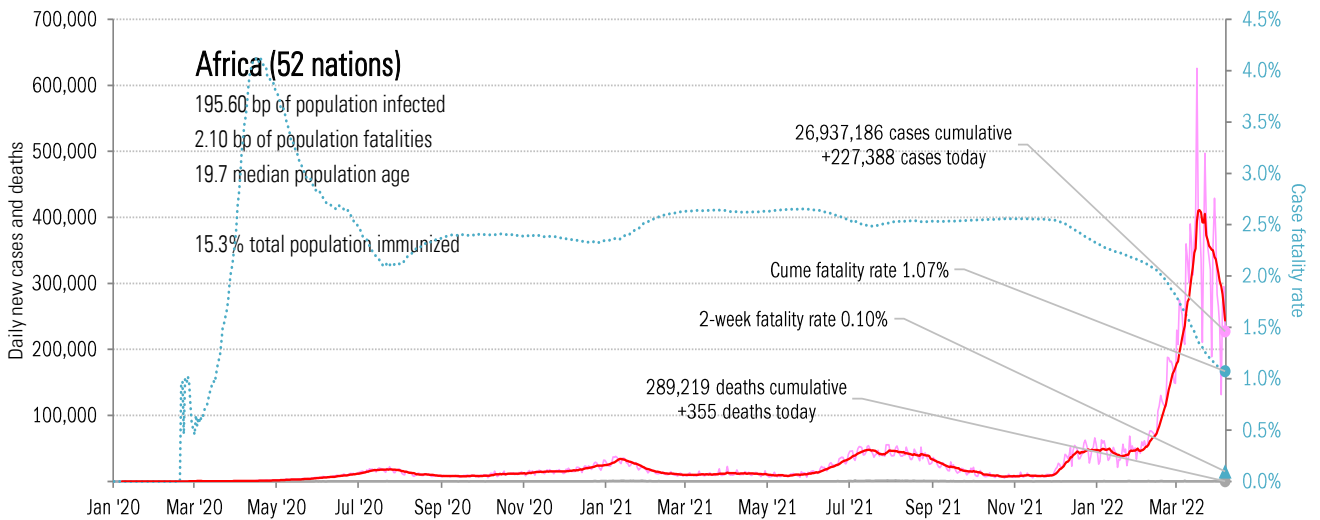
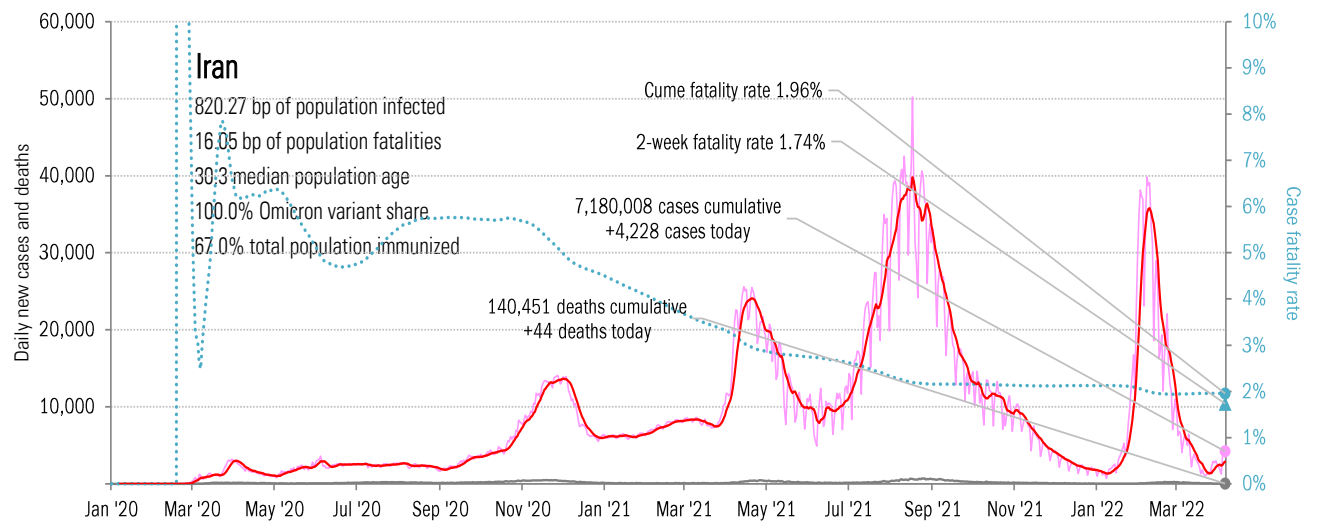
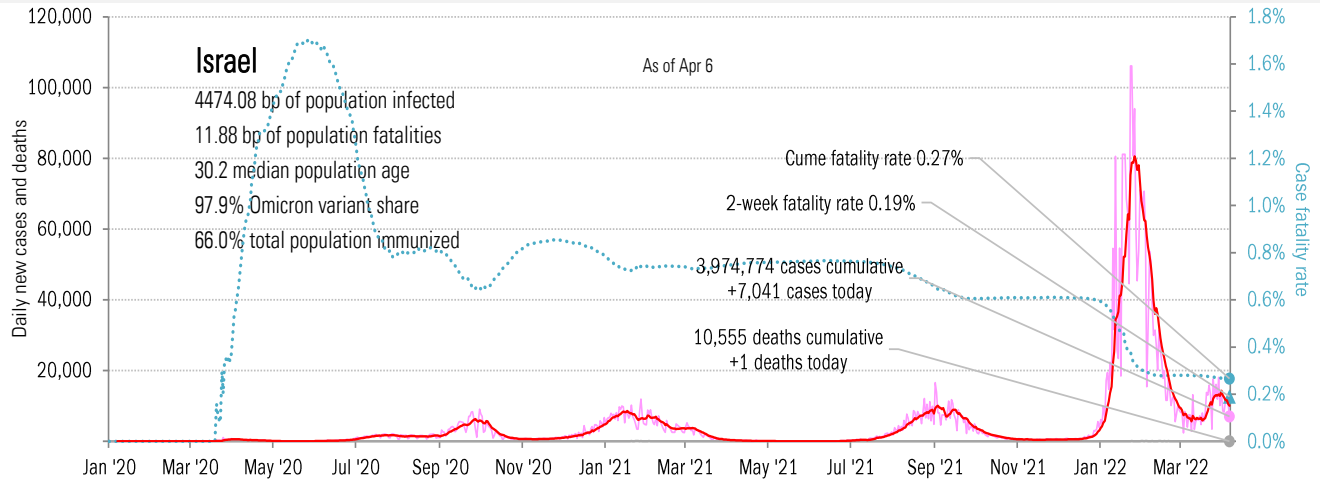
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

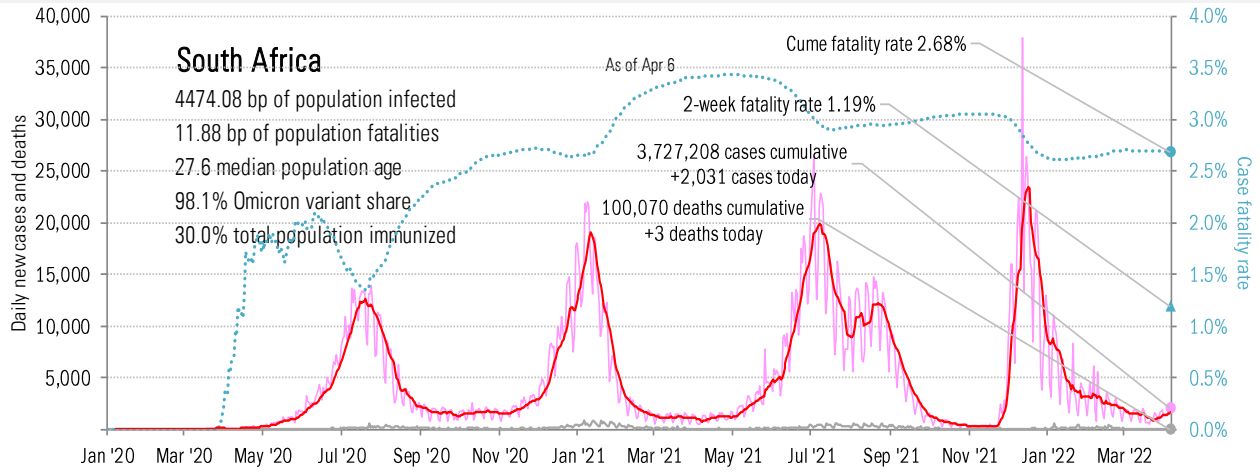
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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