

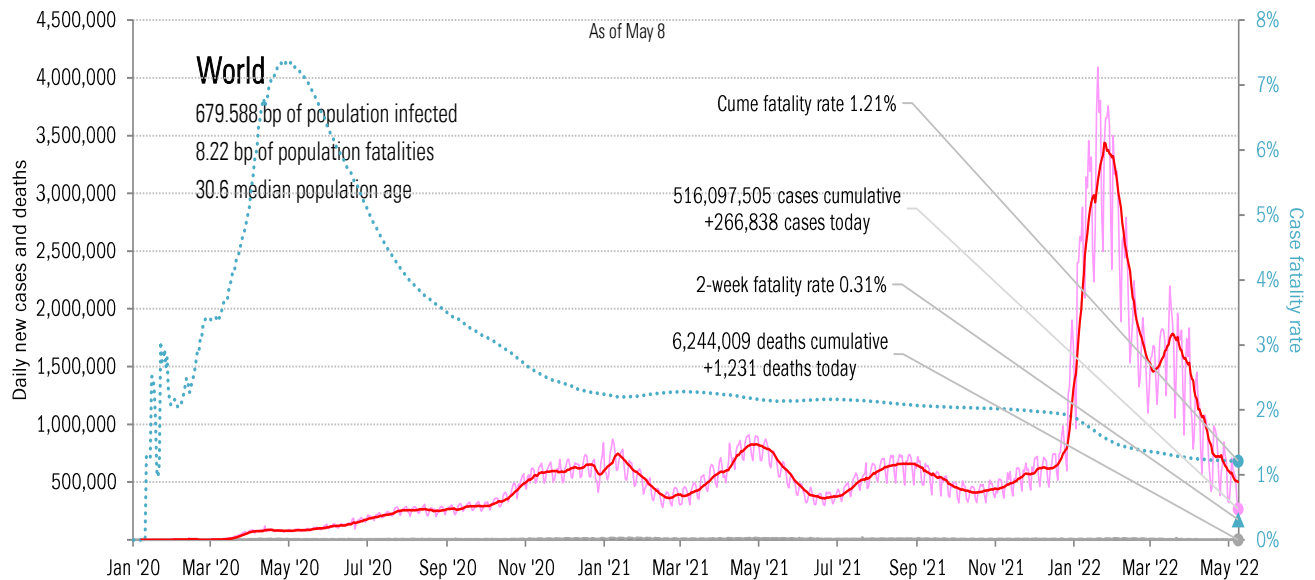
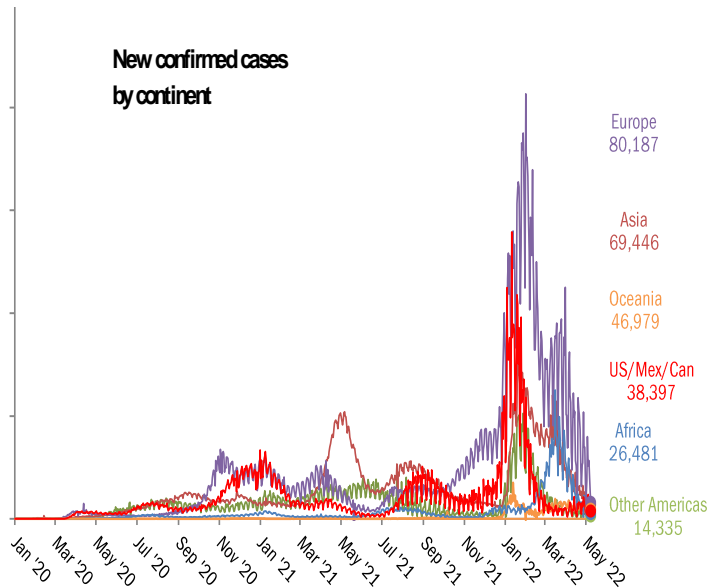
Data Insights: Covid-2019 Monitor

Monday, May 9, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Japan	42,406	United States	554
Australia	40,457	Russia	114
Italy	31,225	Argentina	76
France	29,324	Italy	72
Korea, South	20,601	Thailand	55
Argentina	17,646	France	54
United States	14,030	Korea, South	40
Thailand	6,488	India	29
New Zealand	6,471	Japan	26
Brazil	6,006	Greece	23
214,654		1,043	
World	266,838	World	1,231
Top ten	80%	Top ten	85%



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

For more information contact us:

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

The ten worst US states

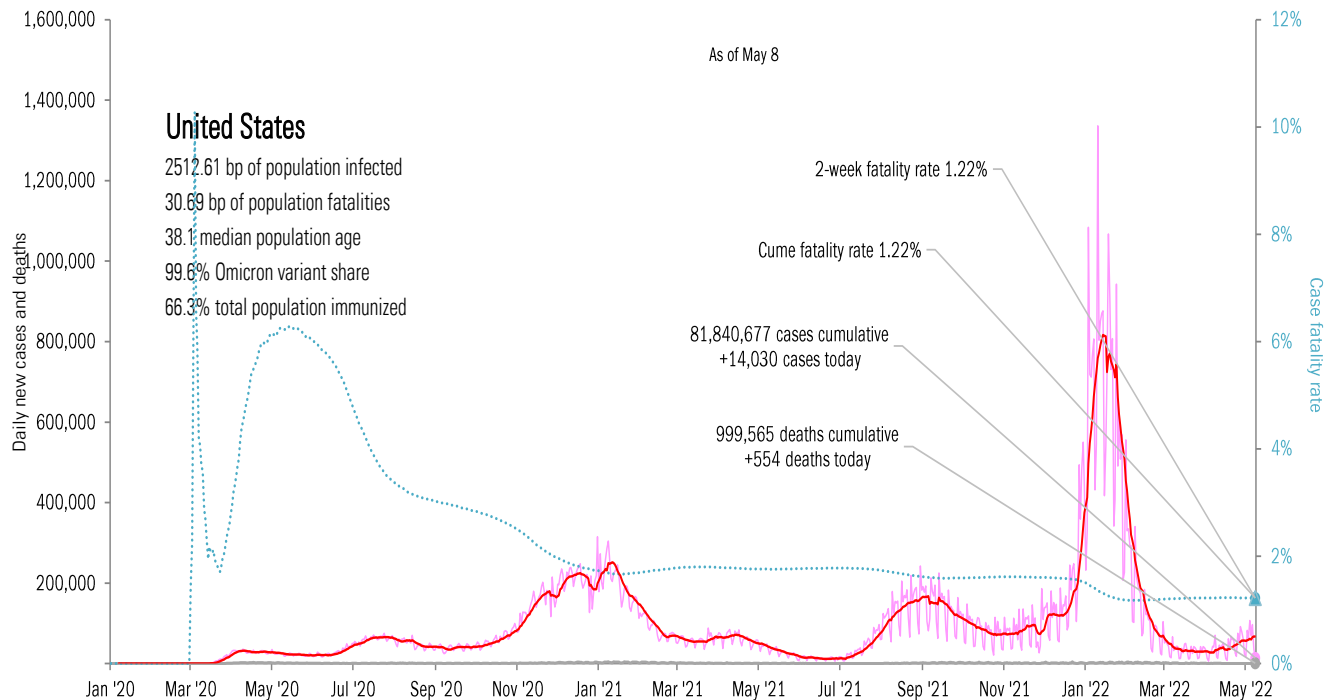
New cases			New deaths		New in hospital		Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
FL	8,490		AZ	34	NY	470	CA	9,288,293	CA	90,497	TX	491,040	RI	90%	RI	84%			
NJ	3,309		FL	20	FL	250	TX	6,848,369	TX	88,176	CA	428,245	MA	85%	MA	81%			
TX					OK	82	FL	5,976,523	FL	74,220	FL	418,649	MN	85%	UT	81%			
AK					MI	132	NY	5,229,056	NY	68,479	NY	254,338	MD	82%	TX	81%			
AK					MA	126	IL	3,169,315	PA	44,733	GA	208,038	MO	82%	NM	80%			
AK					CA	223	PA	2,829,027	CH	38,493	CH	192,630	GA	81%	AK	79%			
FR	28	TX	1	TX	118	CH	2,708,071	GA	37,969	PA	178,191	WA	80%	NC	79%				
AK	0	AK	0	PA	123	NC	2,673,326	IL	36,093	IL	159,468	DE	80%	WA	78%				
AL	0	AL	0	IL	123	GA	2,521,664	MI	36,064	MI	143,481	PA	80%	NH	78%				
AS	0	AS	0	IN	59	MI	2,444,891	NJ	33,488	KY	133,332	WV	80%	KY	78%				
14,245			77		1,706		43,688,535			548,212			2,607,412						
All states	14,030			554		2,836	All states	81,840,677		999,565		4,734,294	All states	70%		67%			
Top ten	102%			14%		60%	Top ten	53%		55%		55%	Median	73%		71%			

US state case and fatality data distorted today due to revisions.

Some states not reporting

Five most improved US states

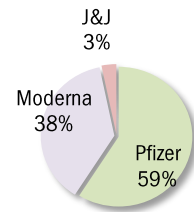
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NY	-8,108	FL	-120	CH	-143	KS	+10 bp
FR	-5,565	SC	-82	WA	-49	CH	+10 bp
SC	-3,073	TX	-13	LA	-29	WA	+10 bp
AZ	-1,464	ME	-9	MD	-29	VT	+10 bp
IA	-1,103	NJ	-4	GA	-27	AK	+0 bp



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	594,360,518		+0.156 million	US	66.3%	77.8%
Boosters	44,199,964		+0.011 million	UK	72.9%	78.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	265,923,305	80%	226,447,846	68%	+0.023 million	France 78.2% 80.6%
Age 12 to 17	17,761,451	70%	15,144,976	60%	+101.544 million	Spain 86.5% 88.2%
Age 18 to 64	178,780,309	88%	151,644,760	75%	+0.012 million	Germany 76.8% 76.9%
Age 65 and over	59,027,412	100%	51,312,755	94%	+0.007 million	Italy 79.4% 84.1%



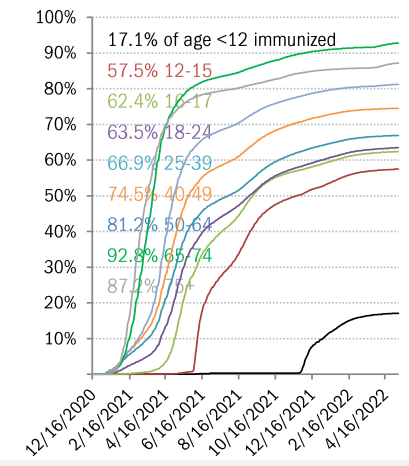
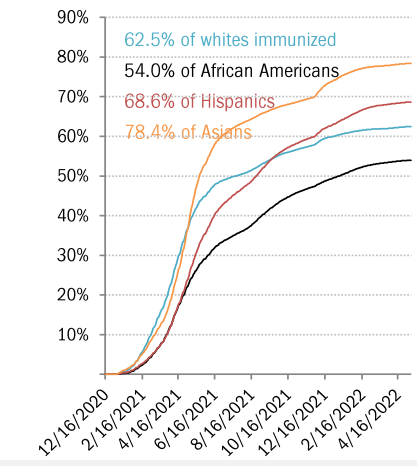
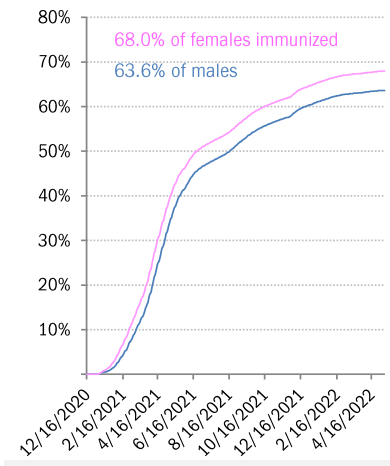
State	Best
At least partial immunity as % population	Middle
Full immunity as % population	Worst

AK
69.9%
62.4%

As of May 8

					WI						ME
					71.9%						90.6%
					65.6%						79.7%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH	
80.9%	61.6%	65.3%	65.7%	75.2%	76.7%	67.0%		90.3%	93.6%	88.2%	
72.7%	54.5%	56.8%	55.6%	69.2%	68.9%	60.2%		77.0%	81.3%	70.5%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA		
78.0%	75.4%	58.9%	76.7%	68.0%	61.5%	63.6%	85.0%	90.5%	95.0%		
69.7%	60.9%	51.6%	61.6%	62.0%	54.9%	58.5%	68.6%	75.7%	79.1%		
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI	
83.9%	72.1%	79.5%	70.3%	66.2%	66.2%	65.1%	85.8%	86.6%	95.0%	95.0%	
72.1%	64.3%	70.3%	63.6%	56.1%	57.4%	57.6%	73.3%	75.7%	79.3%	82.7%	
	AZ	NM	KS	AR	TN	NC	SC	DC	DE		
	73.2%	87.9%	74.6%	66.8%	62.2%	84.4%	67.7%	95.0%	83.2%		
	61.7%	71.2%	61.6%	54.5%	54.6%	61.3%	57.1%	77.7%	69.2%		
			OK	LA	MS	AL	GA				
			71.2%	61.1%	59.6%	62.8%	65.4%				
			57.3%	53.5%	51.9%	51.2%	54.8%				
			TX								
			73.3%								
			61.6%								
								FL			
								79.4%			
								67.1%			
									PR		
									95.0%		
									83.1%		

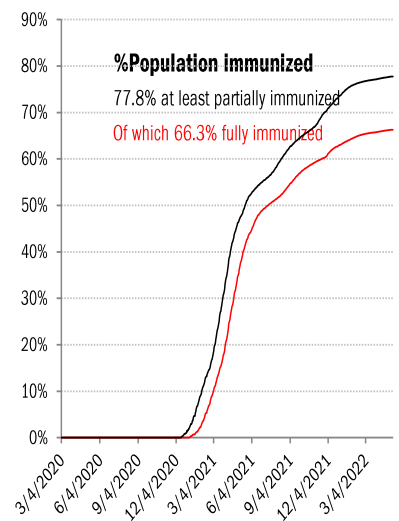
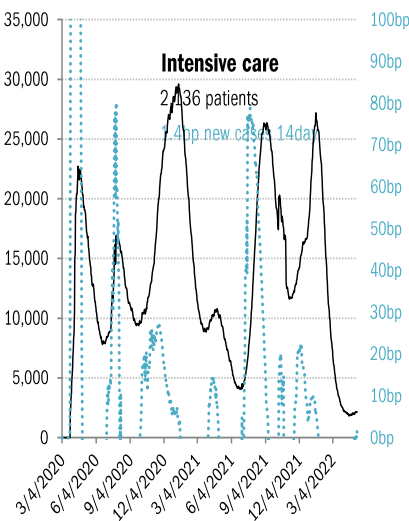
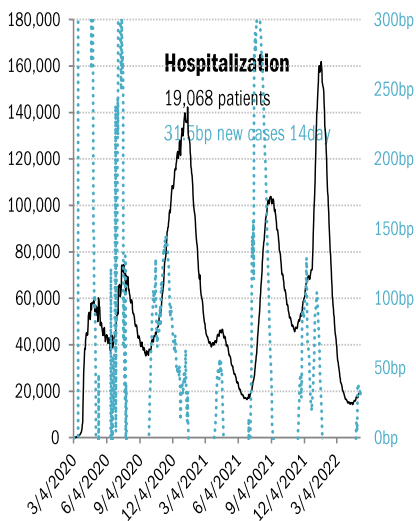
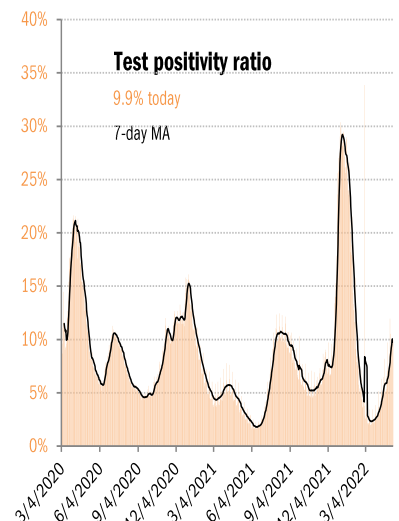
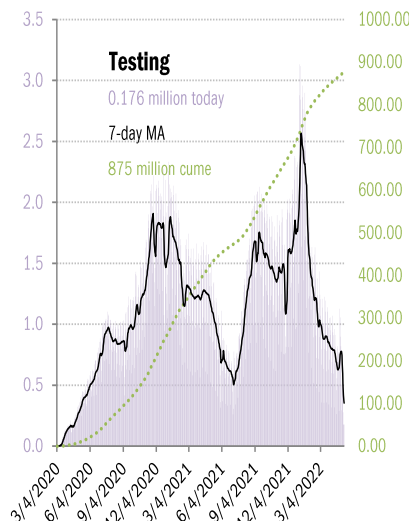
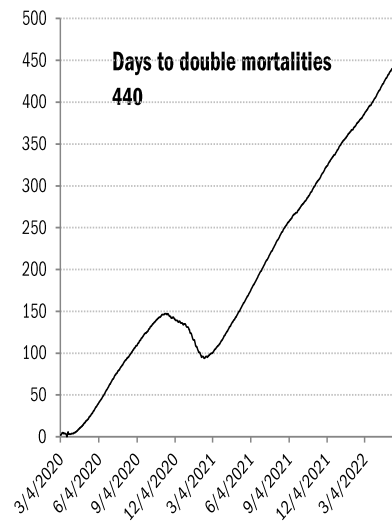
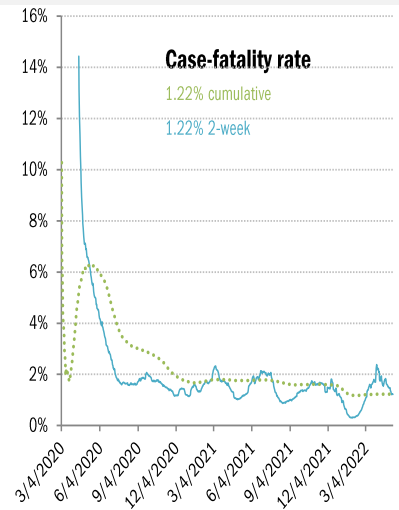
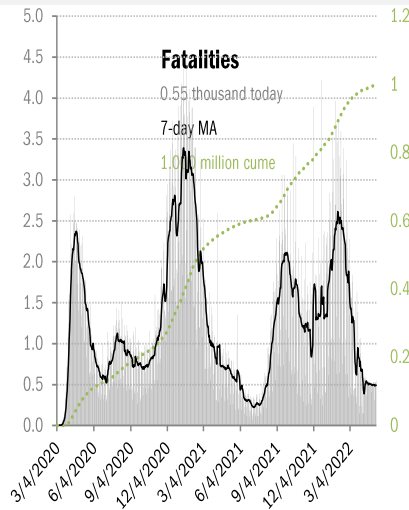
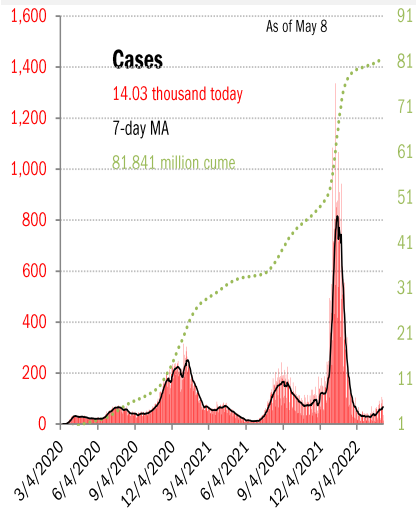
The demographics of US vaccination



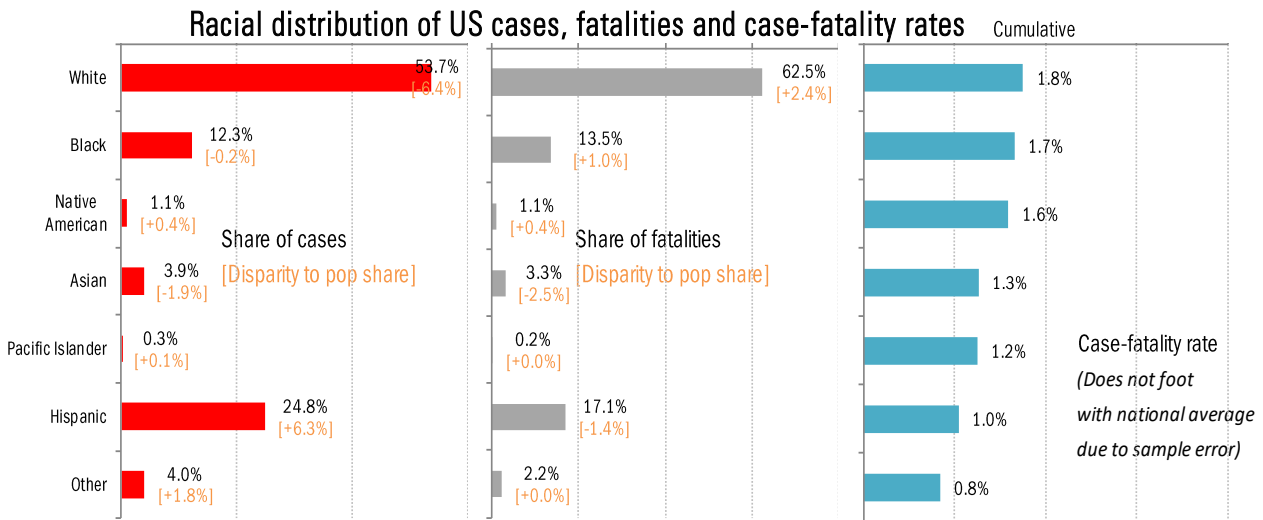
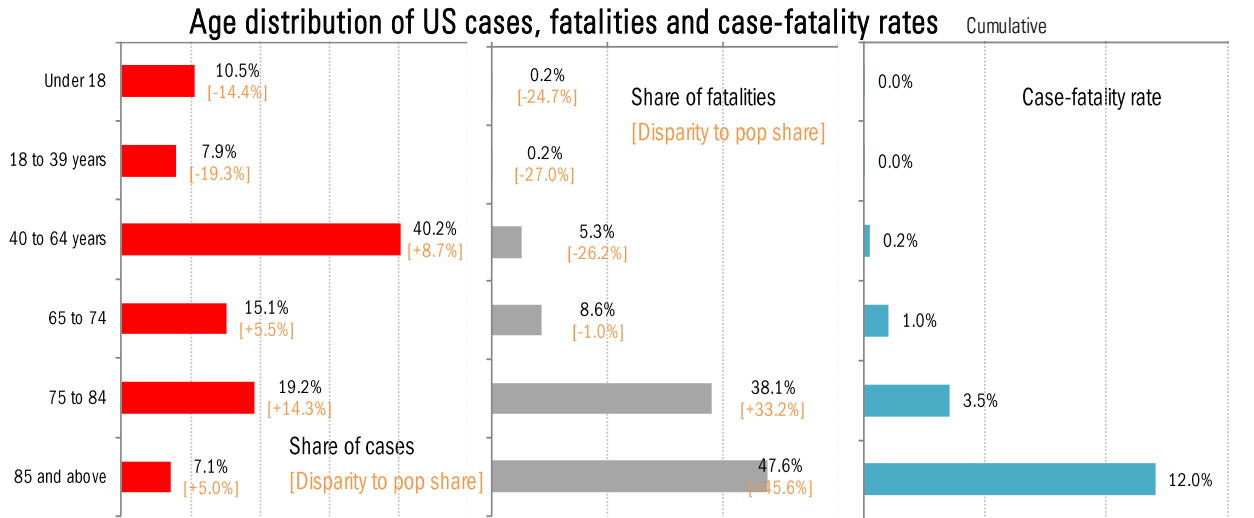
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

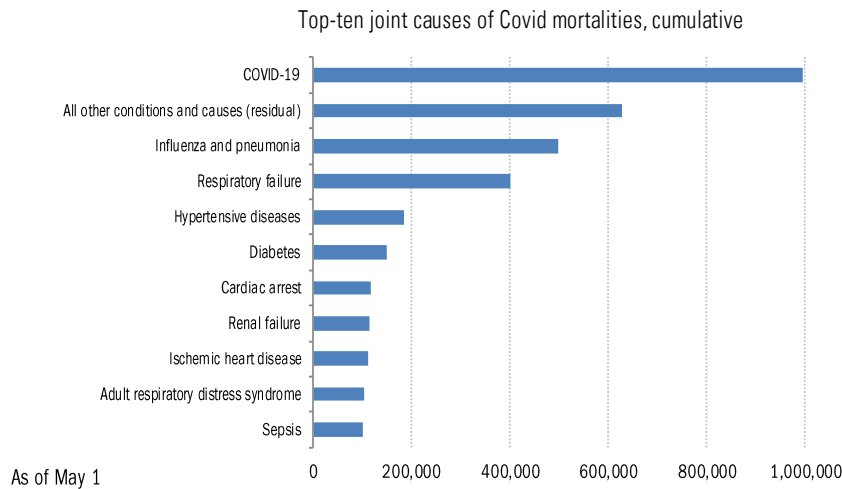
National and state-by-state data do not line up because of different sources



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

[Bill Gates wants to build a dystopia](#)

Toby Green

UnHerd

May 9, 2022

[Recreation Activity vs. Office Occupancy](#)

Kastle Systems

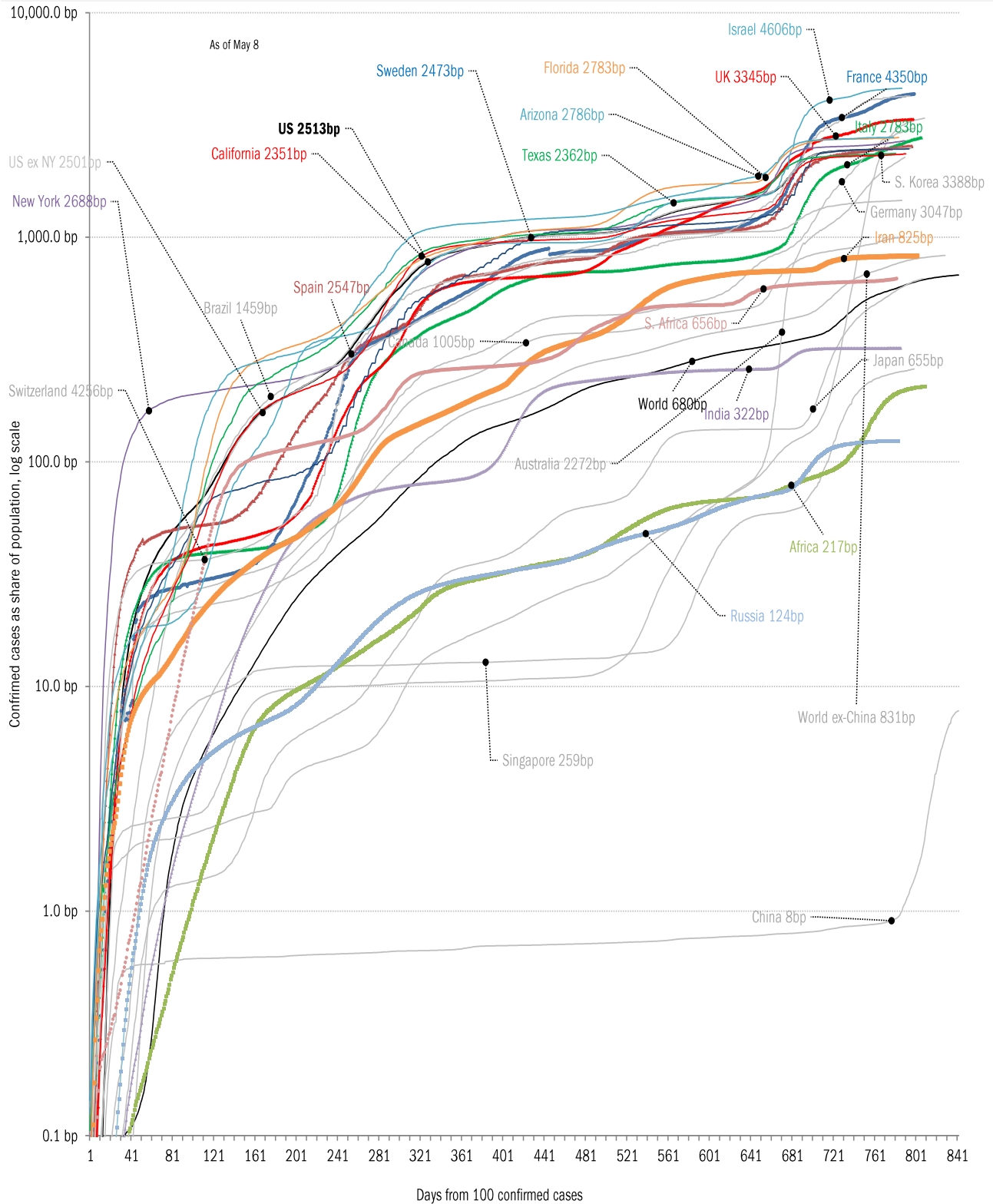
May 8, 2022

Meme of the day



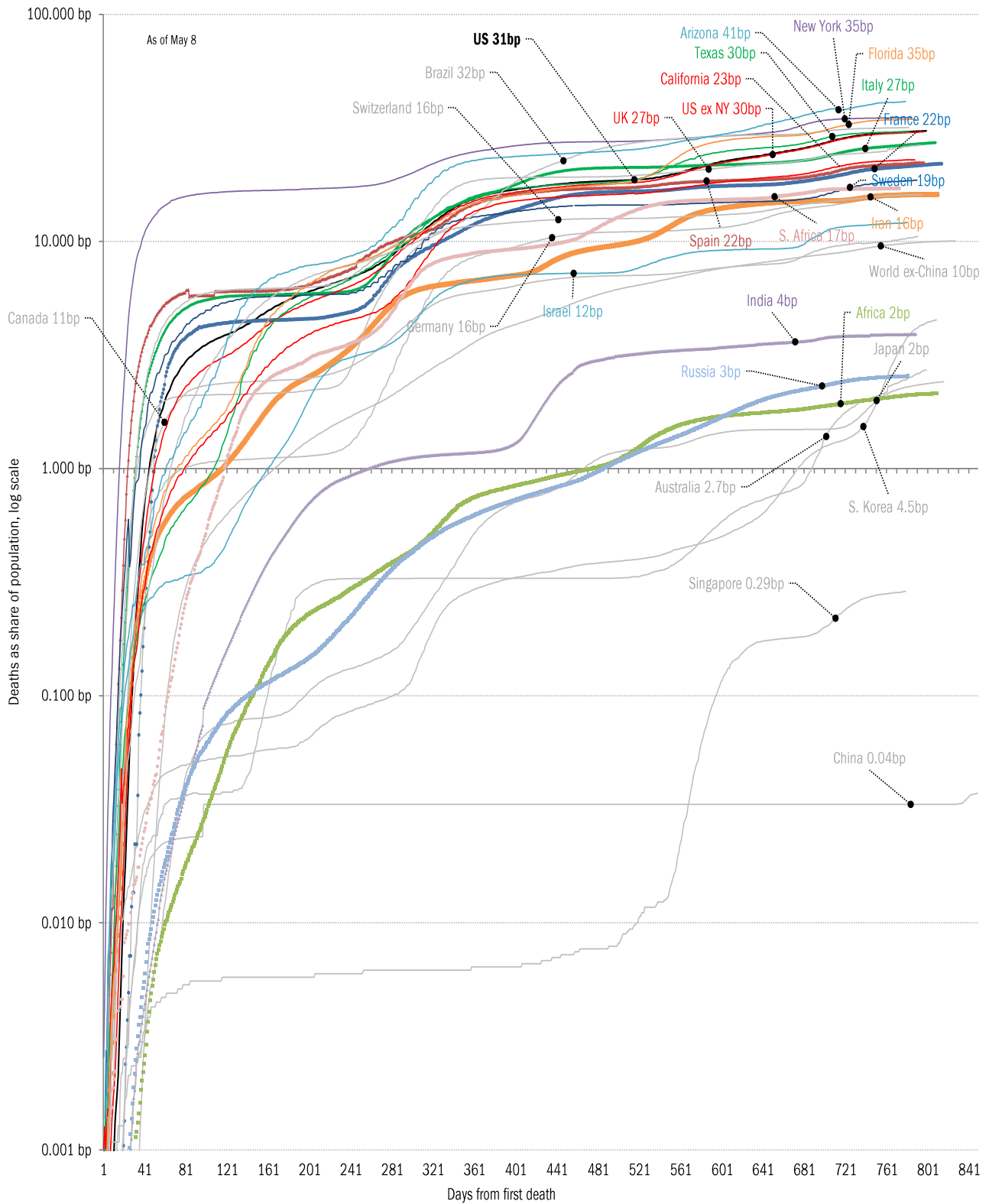
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

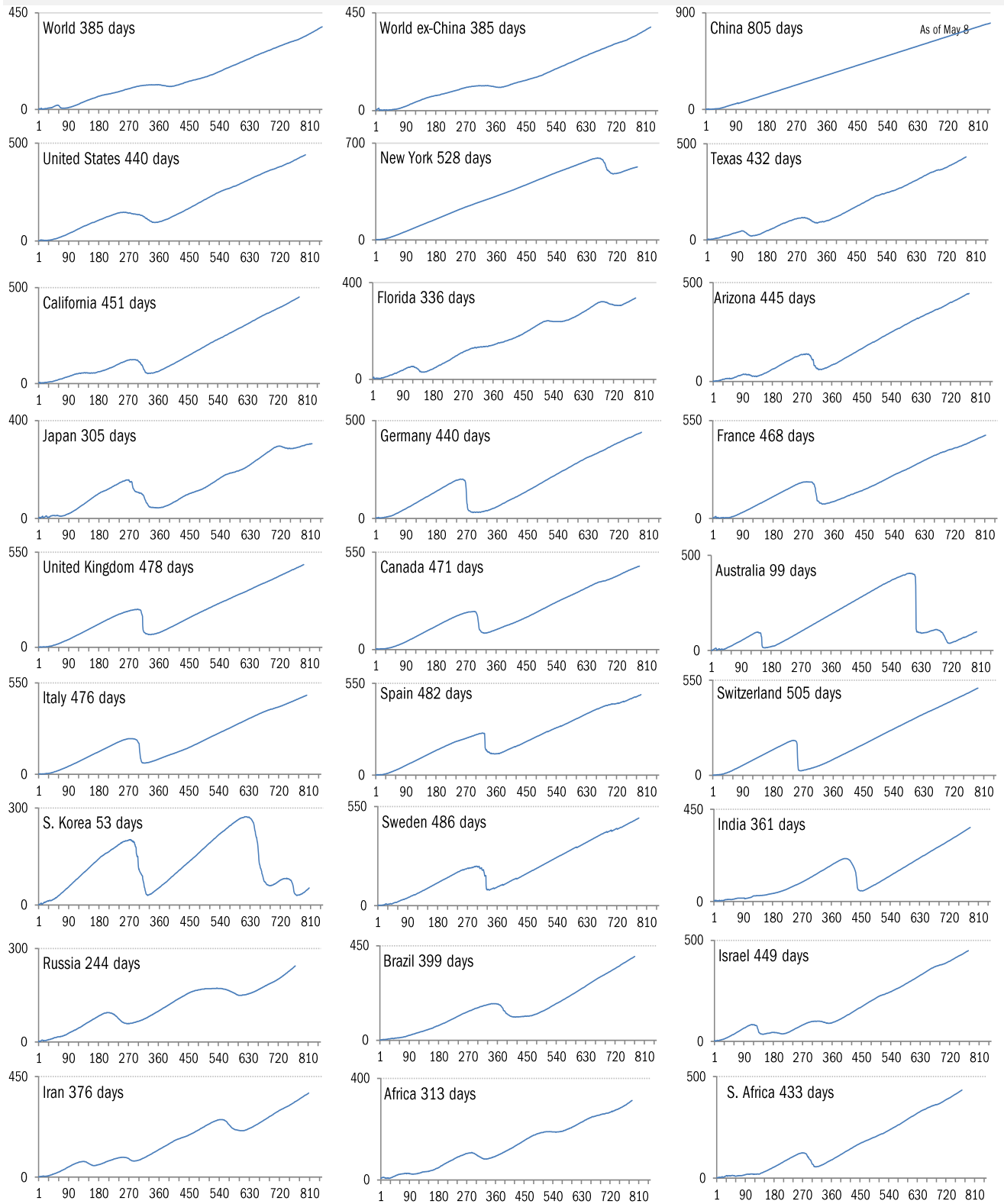


Source: [Johns Hopkins](#), TrendMacro calculations

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

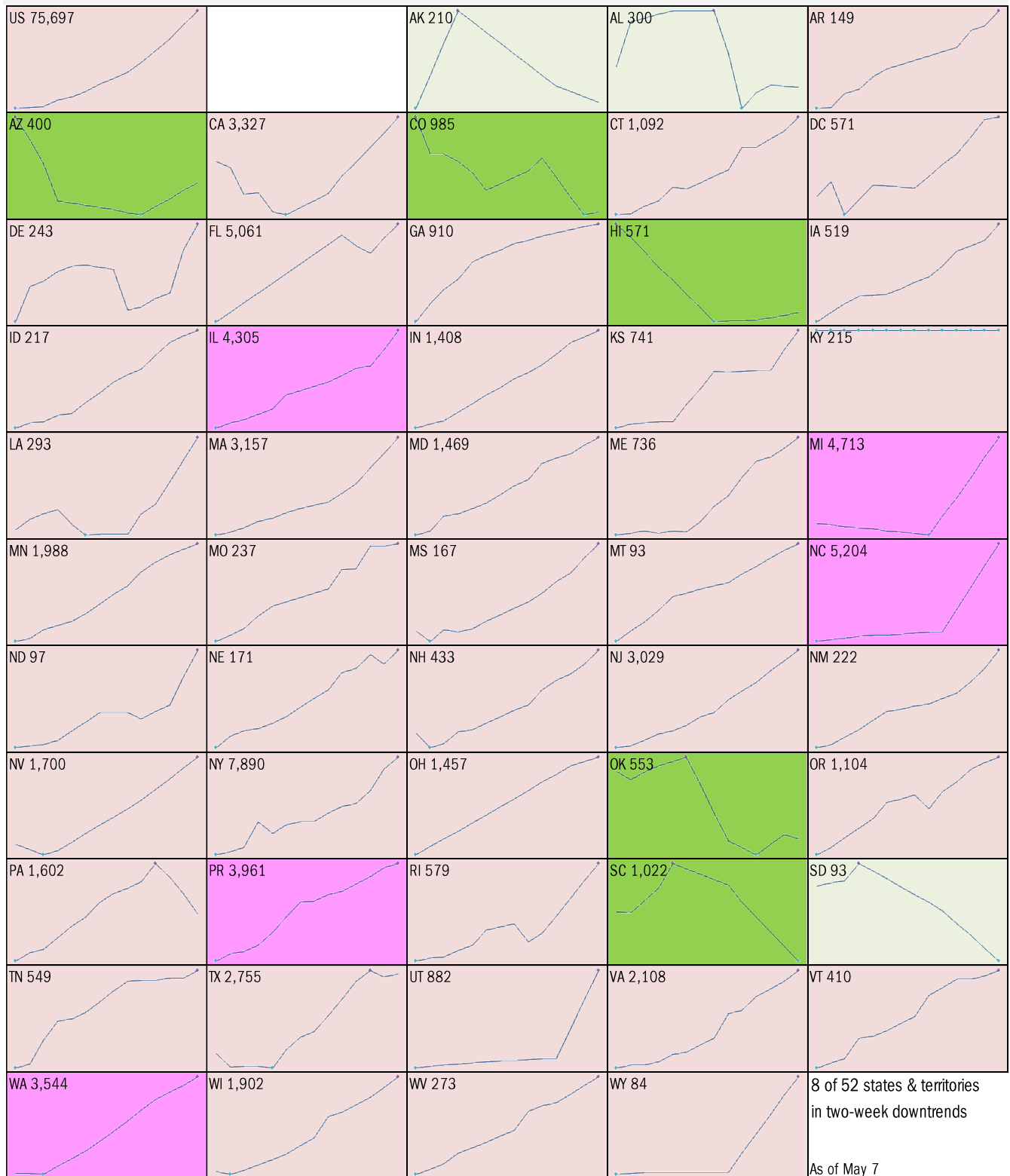


Source: [Johns Hopkins](#), TrendMacro calculations

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

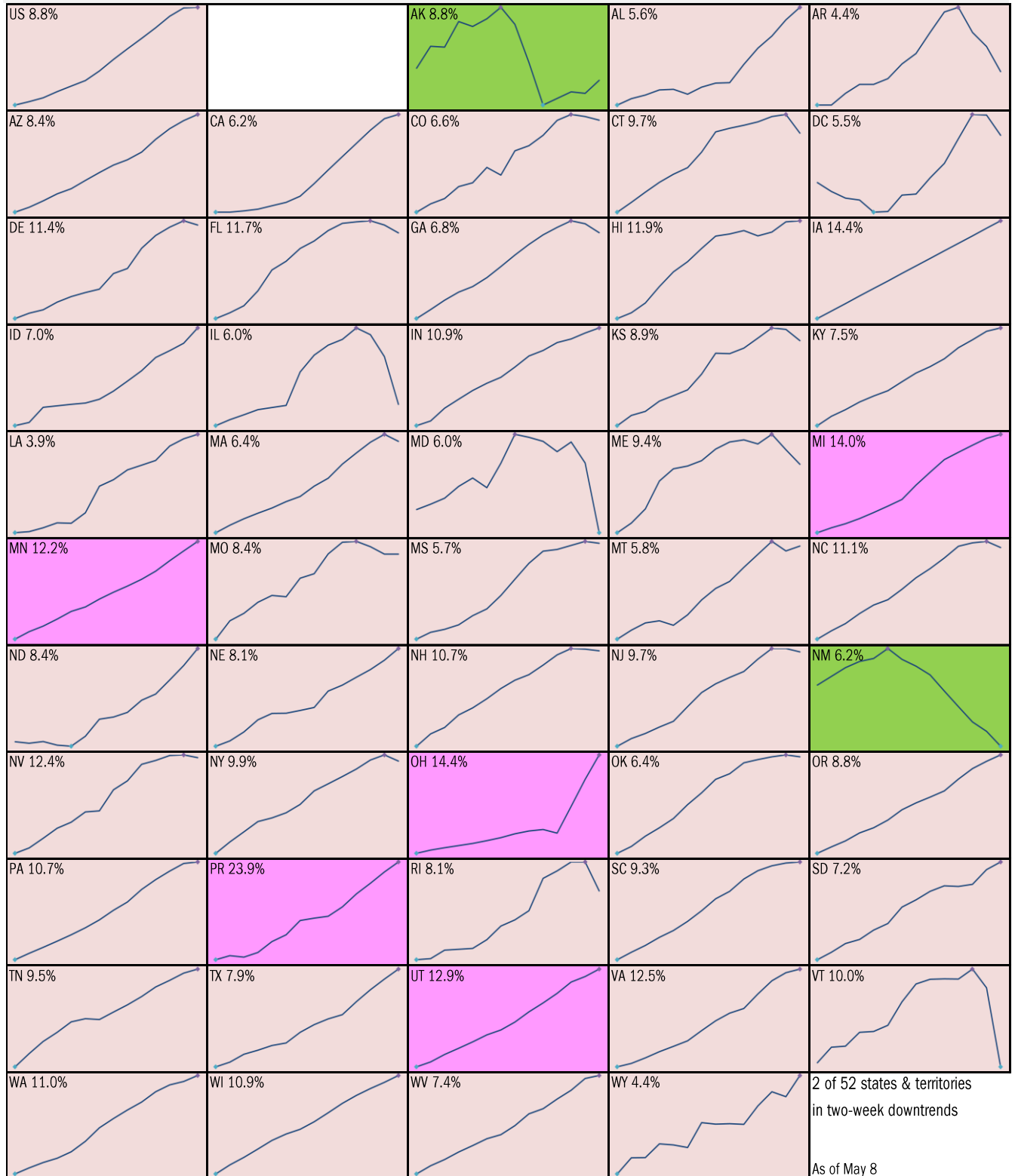


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

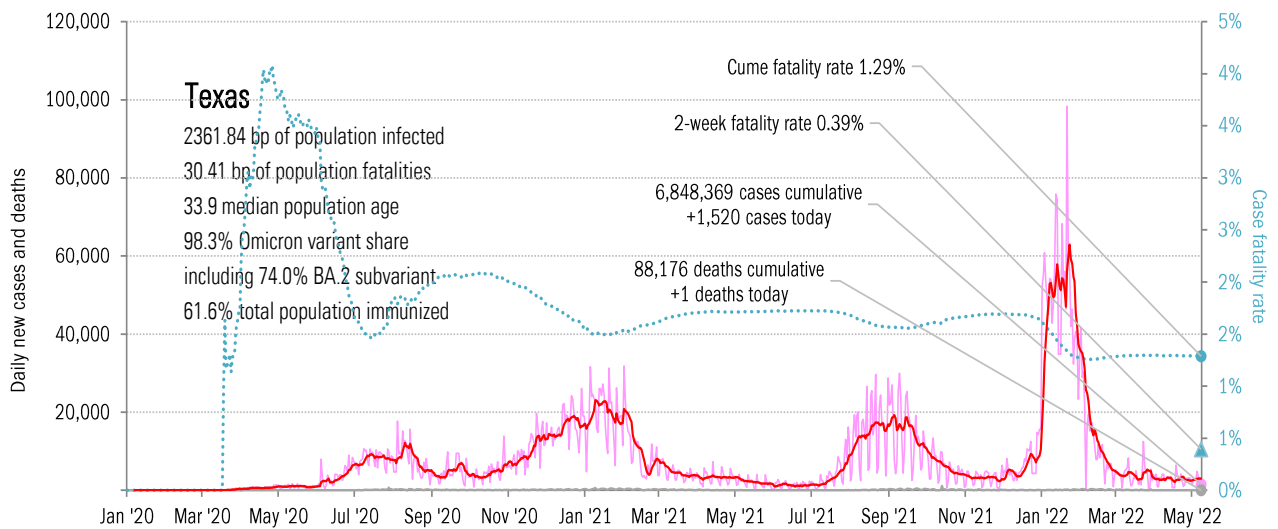
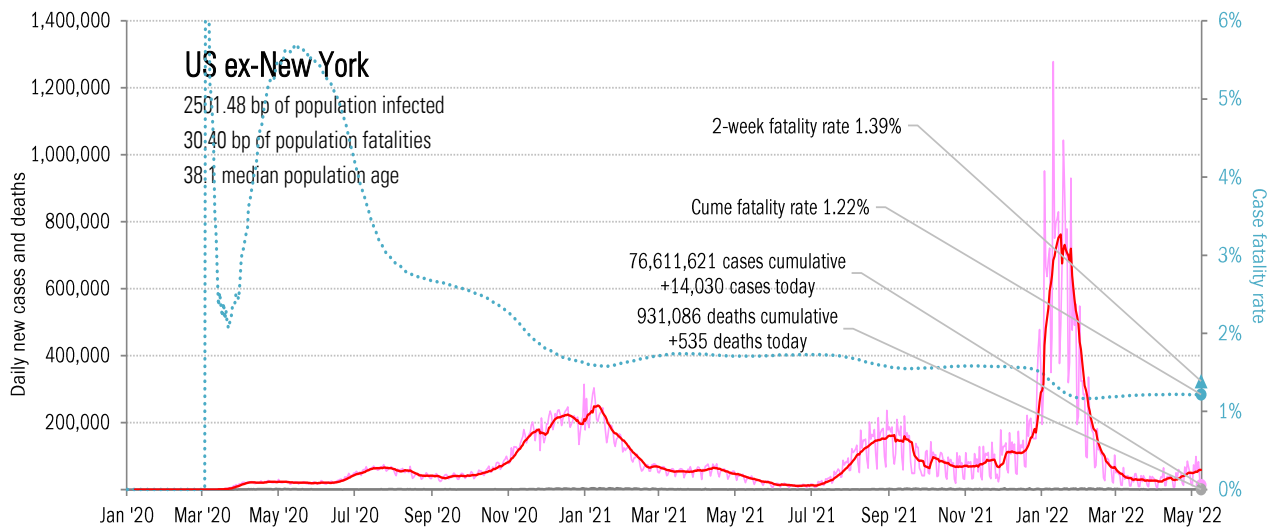
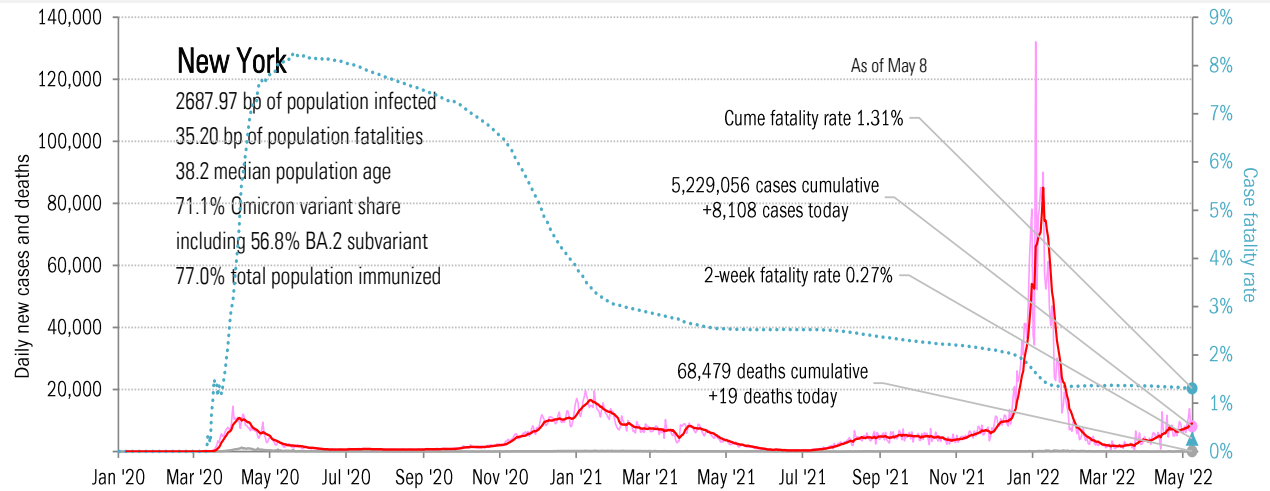
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

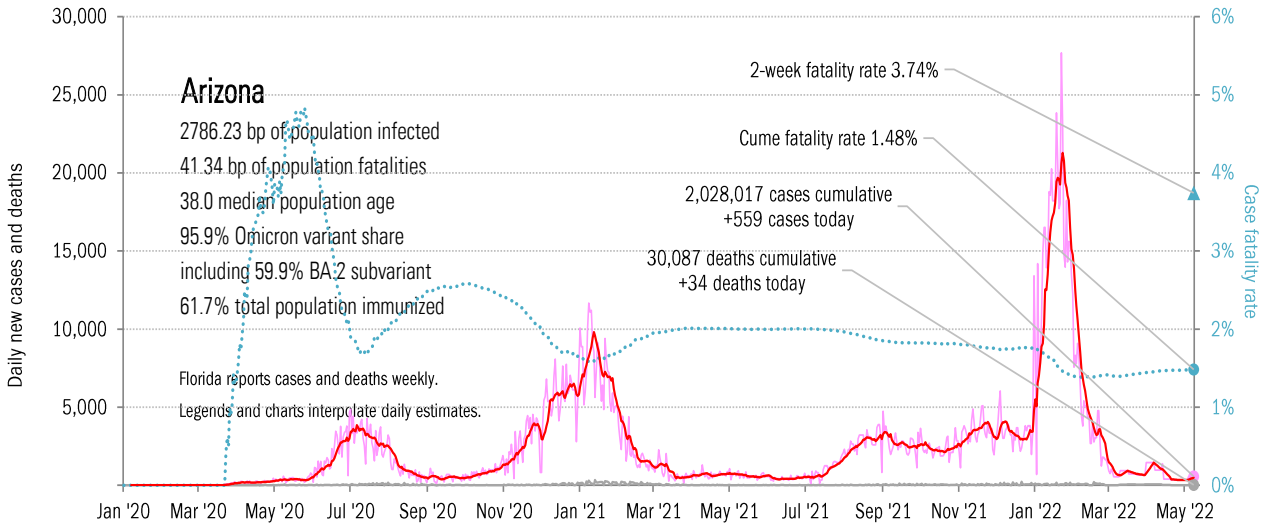
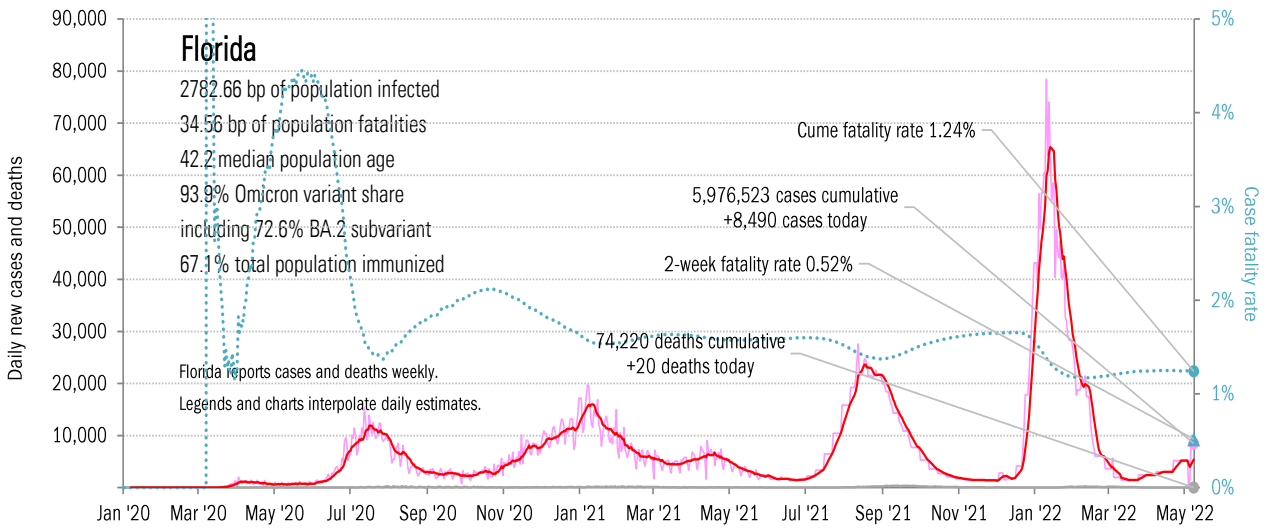
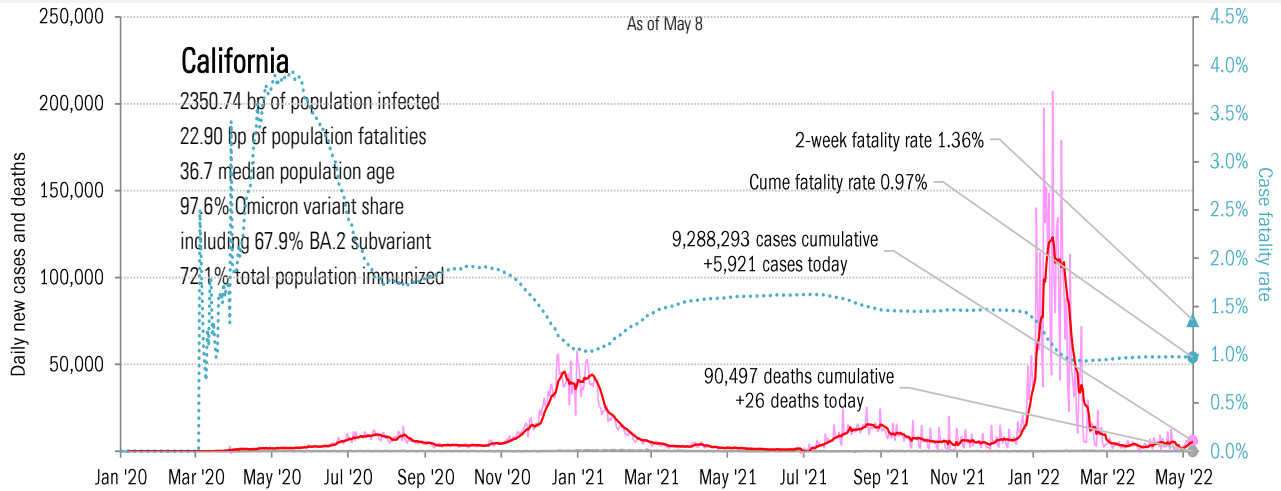
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

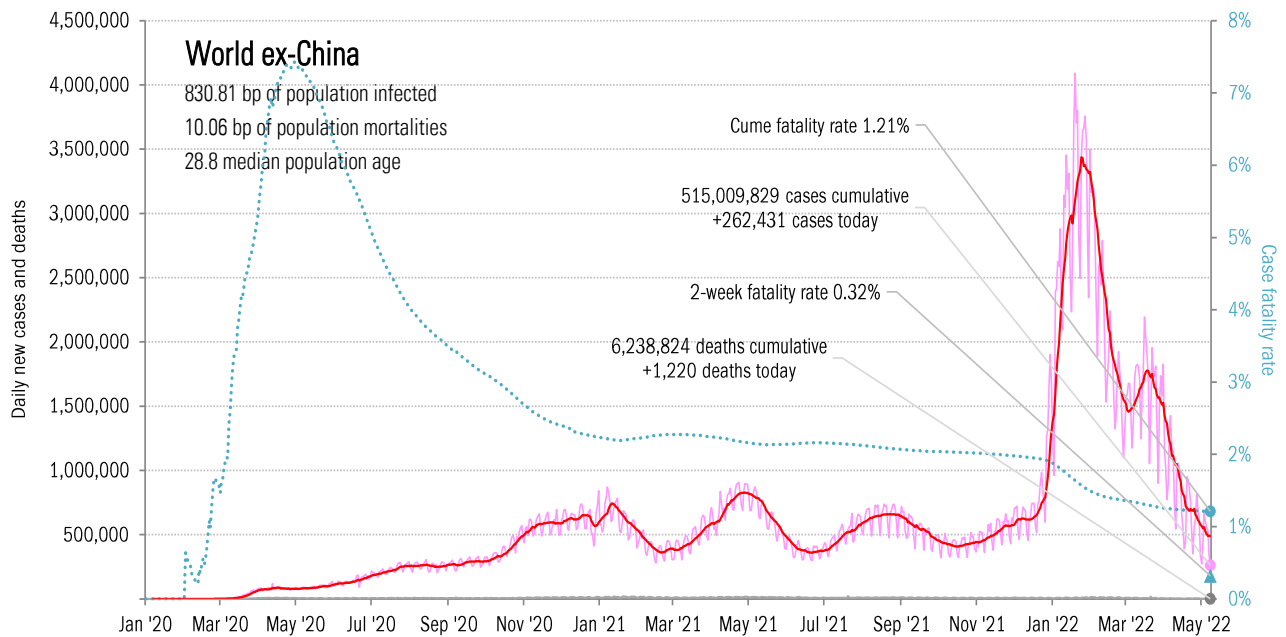
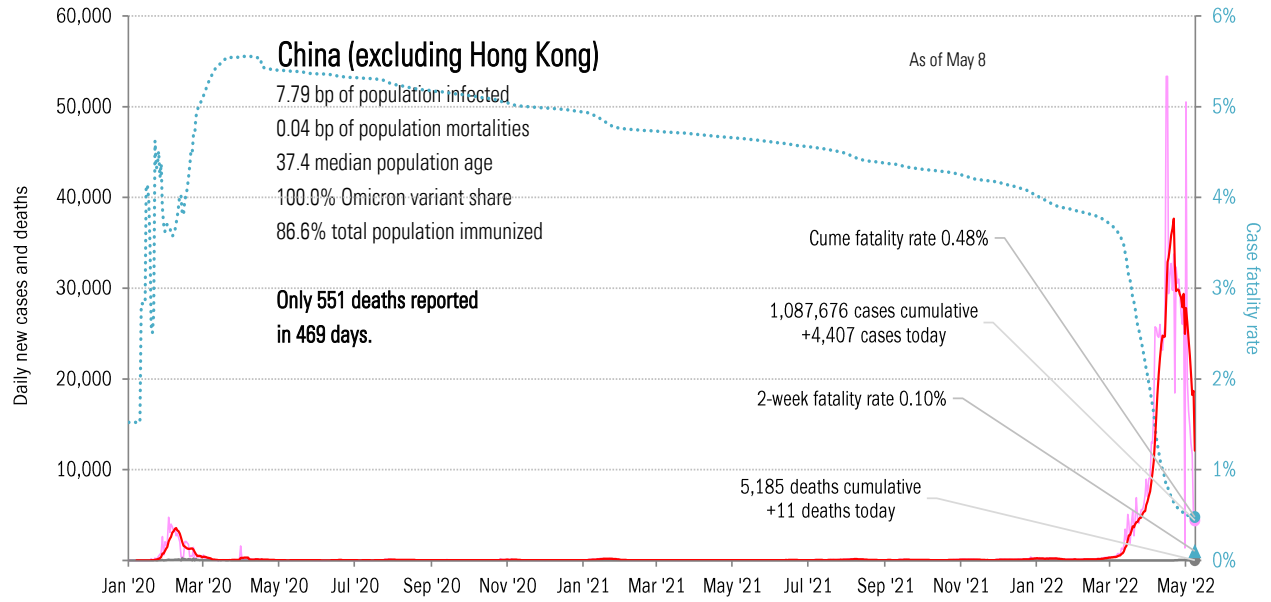
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

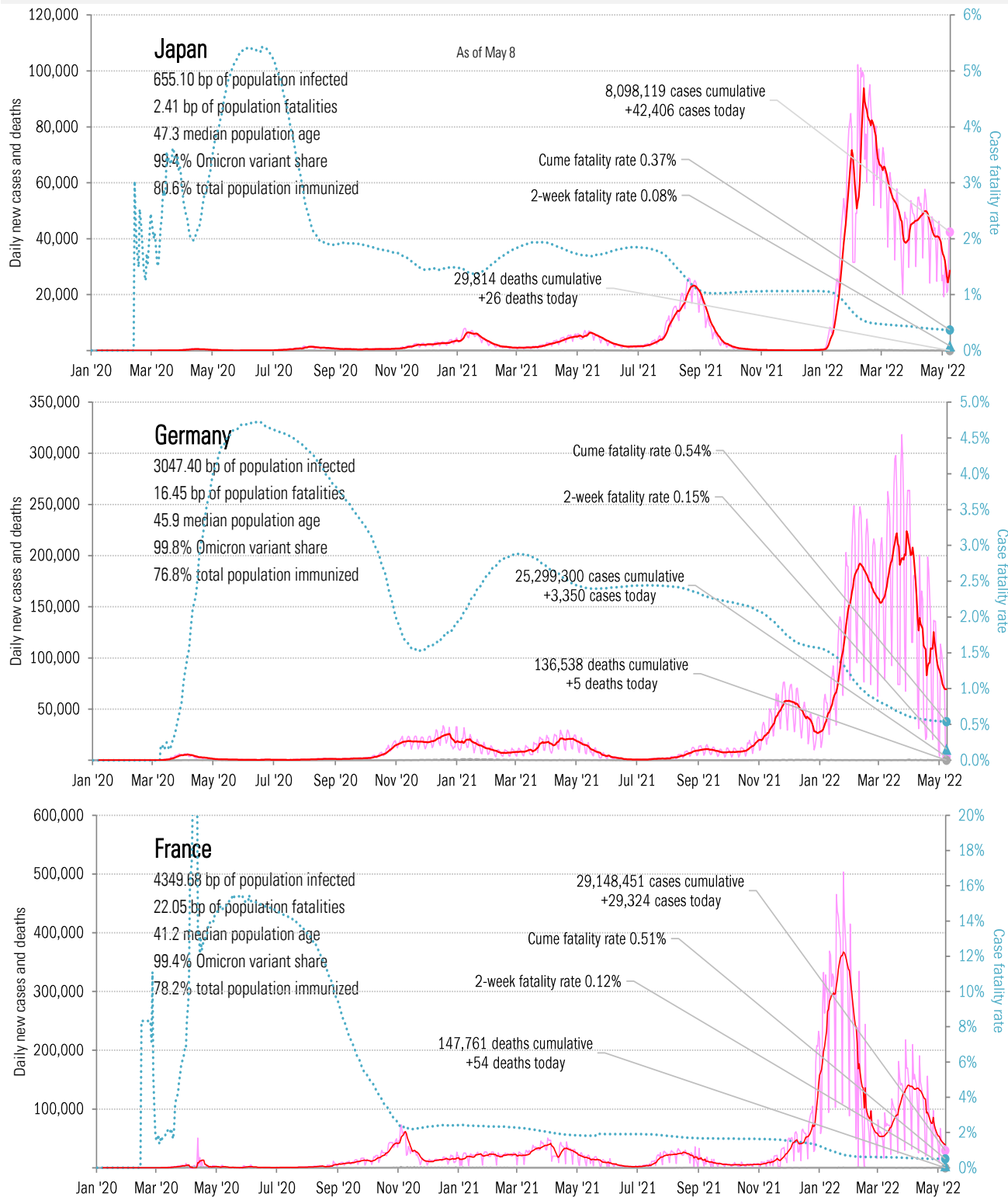
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

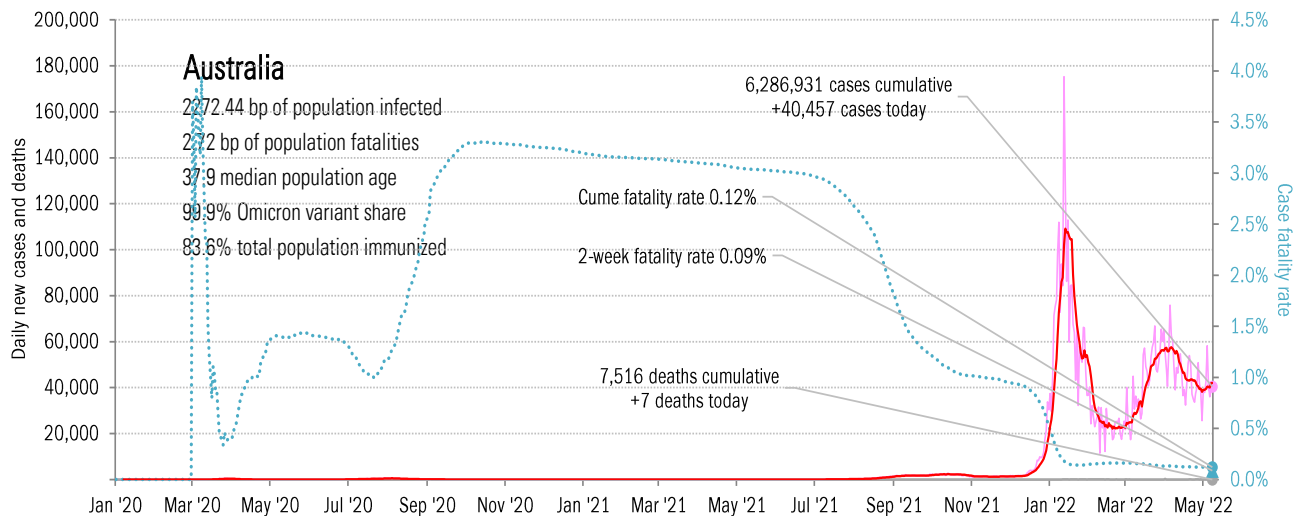
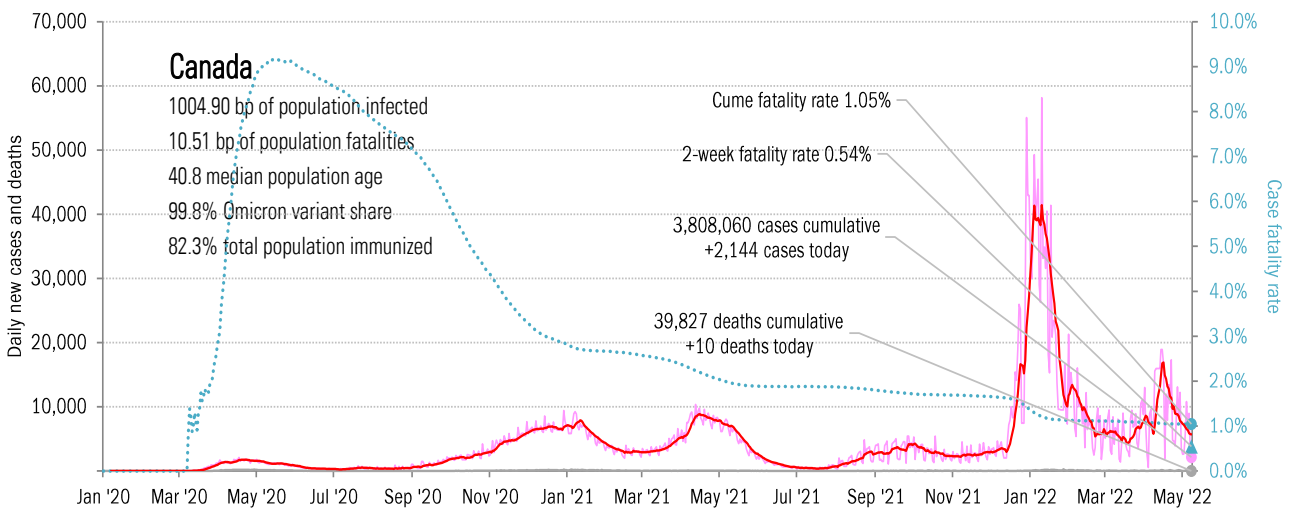
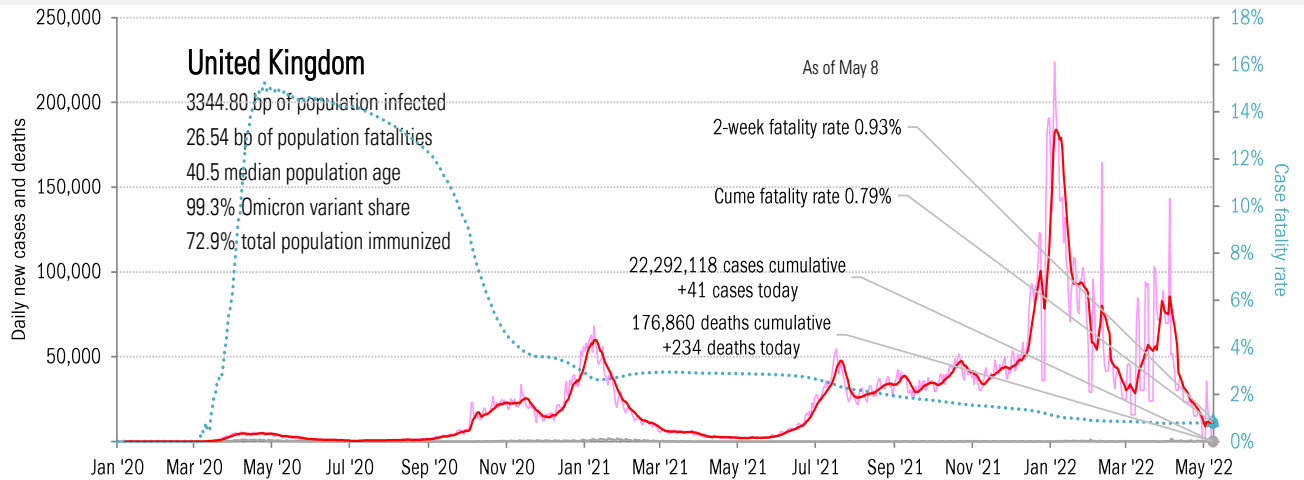
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

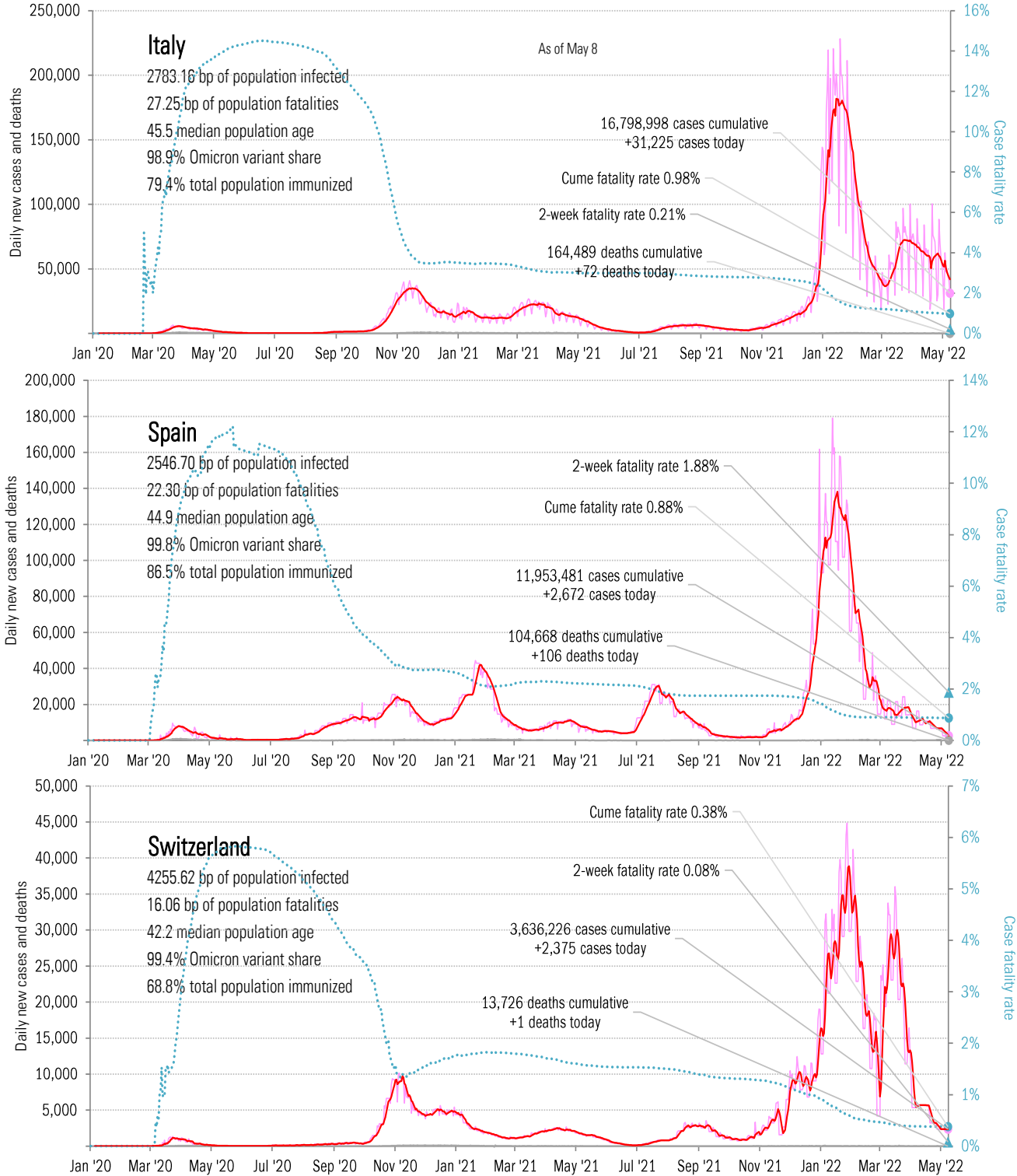
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

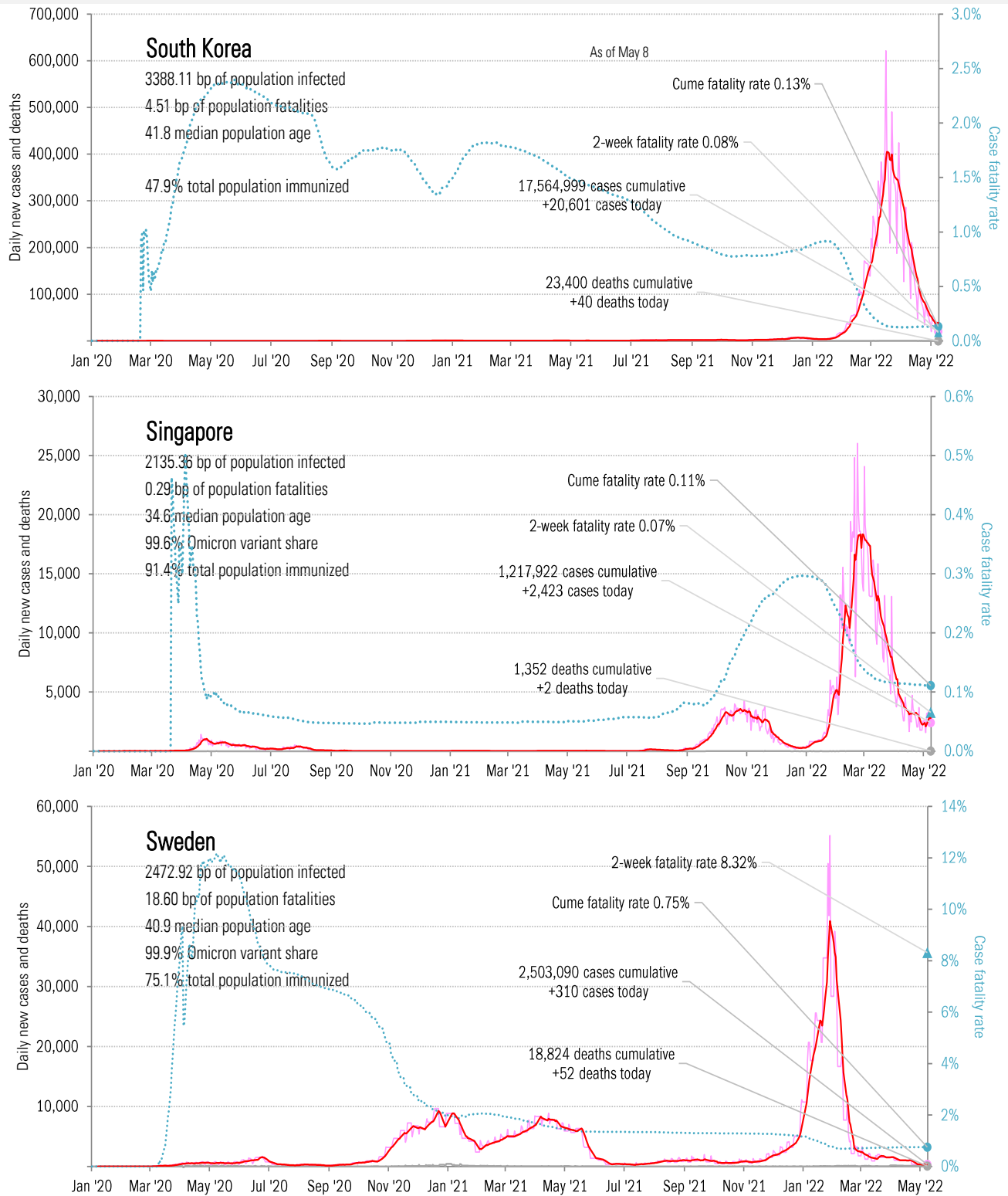
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

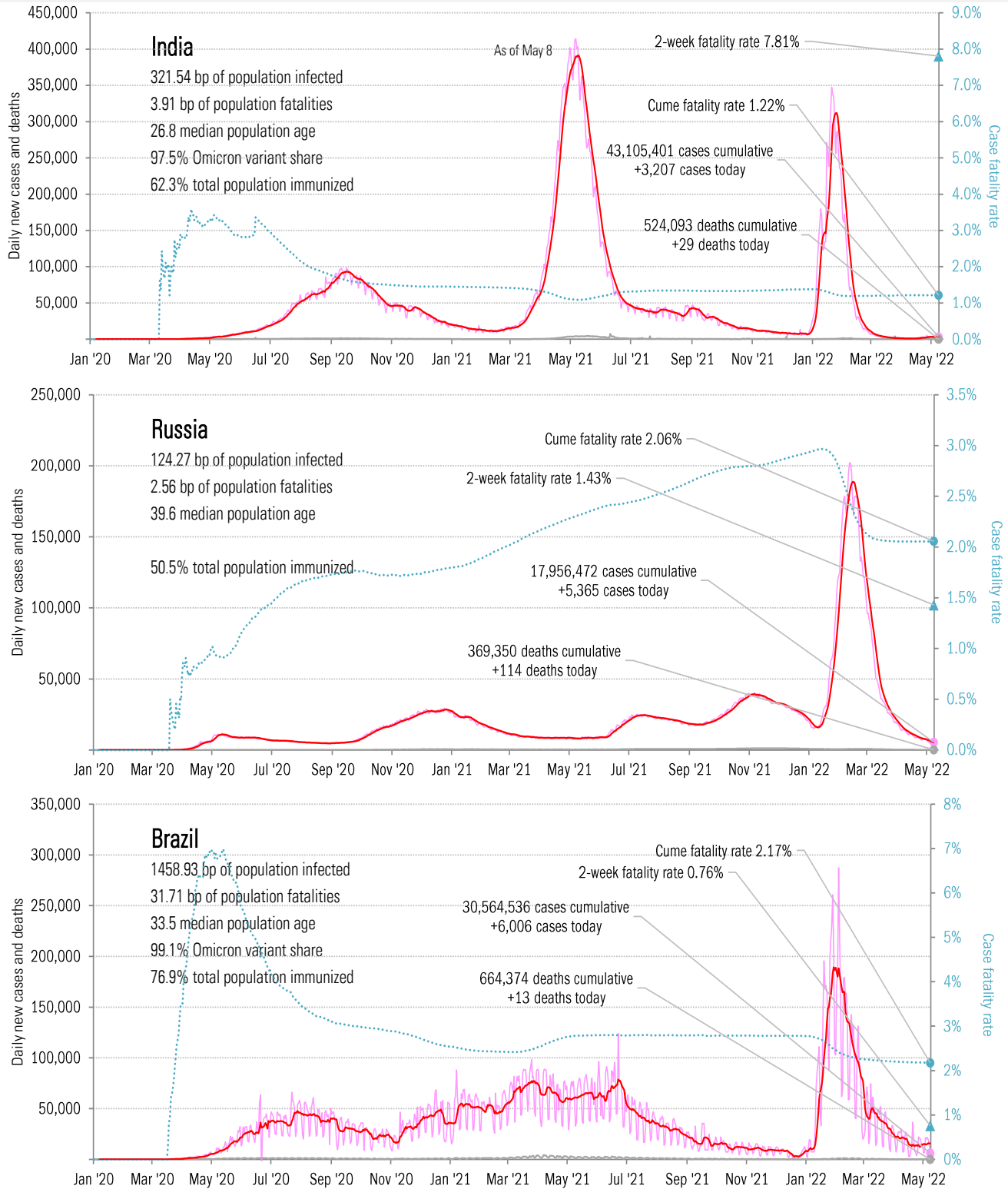
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

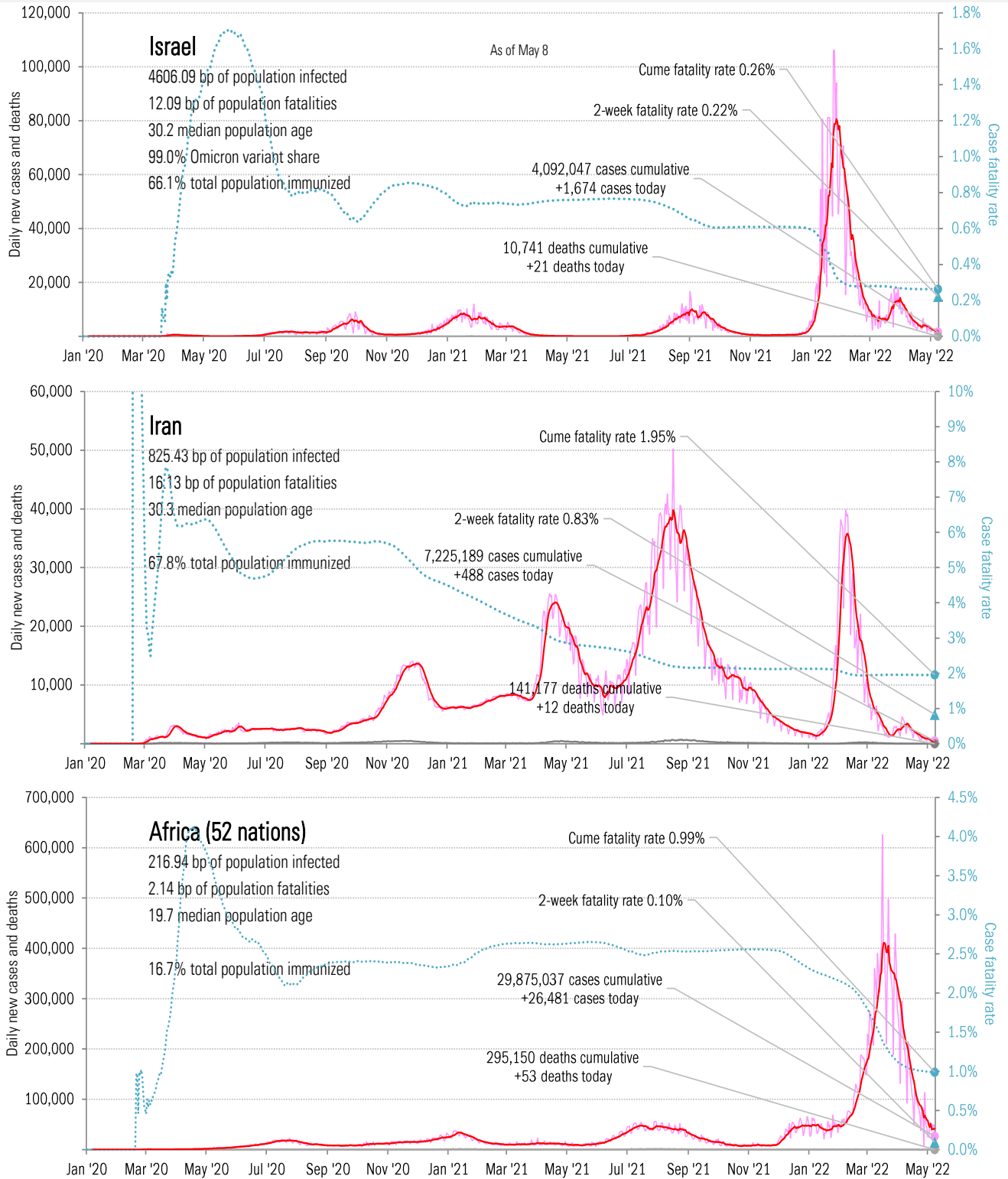
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

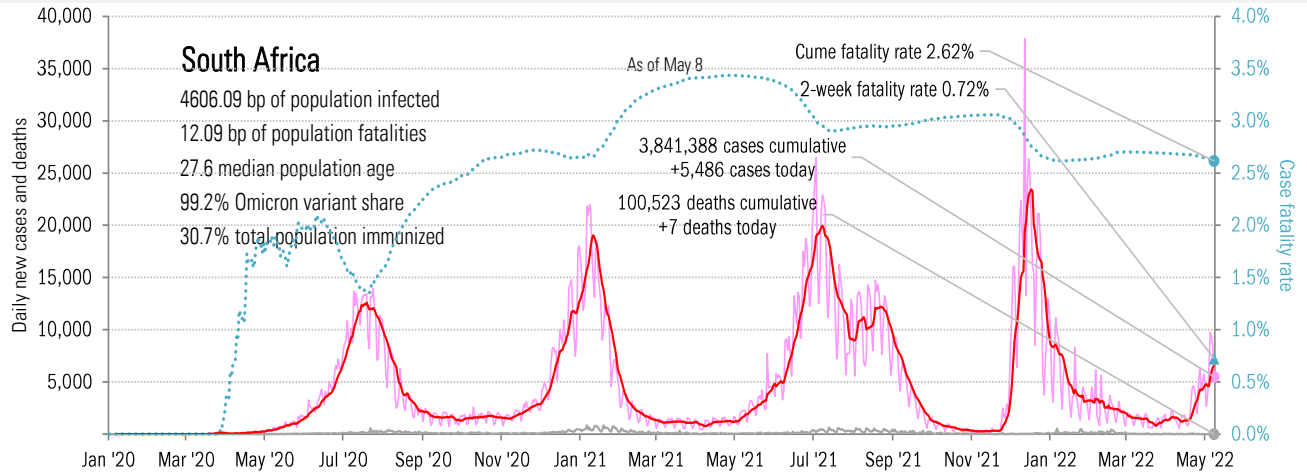
Cases: **7-day average** and **daily** Deaths: **Daily**



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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