

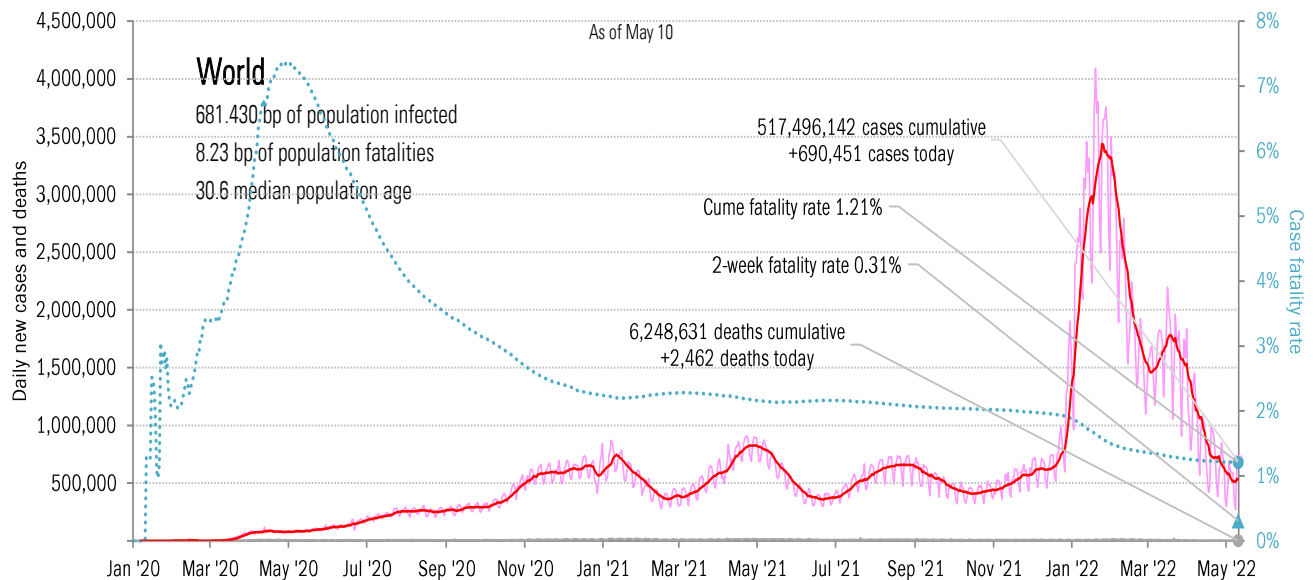
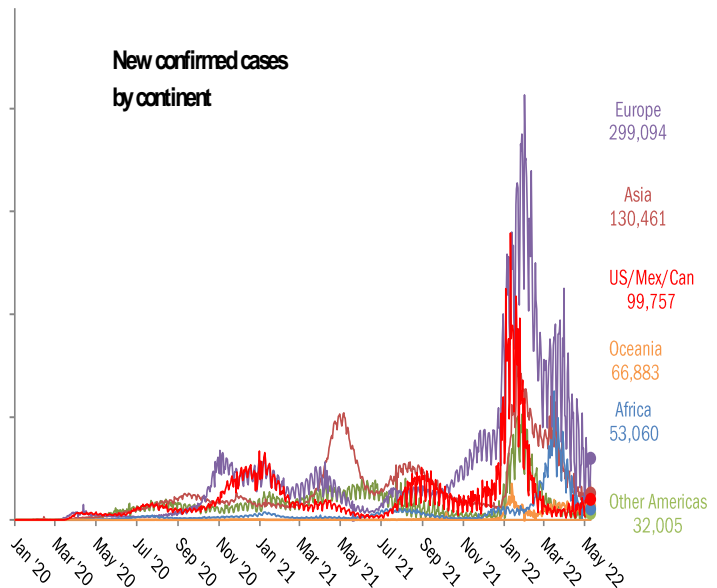
Data Insights: Covid-2019 Monitor

Wednesday, May 11, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Germany	97,010	United States	544
United States	95,369	United Kingdom	286
Australia	57,054	Germany	231
France	56,461	Brazil	198
Italy	56,199	Italy	158
Taiwan*	50,819	France	123
Korea, South	43,899	Russia	97
Japan	41,990	Canada	60
Portugal	34,625	Australia	57
Brazil	20,143	Thailand	56
553,569		1,810	
World	690,451	World	2,462
Top ten	80%	Top ten	74%



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

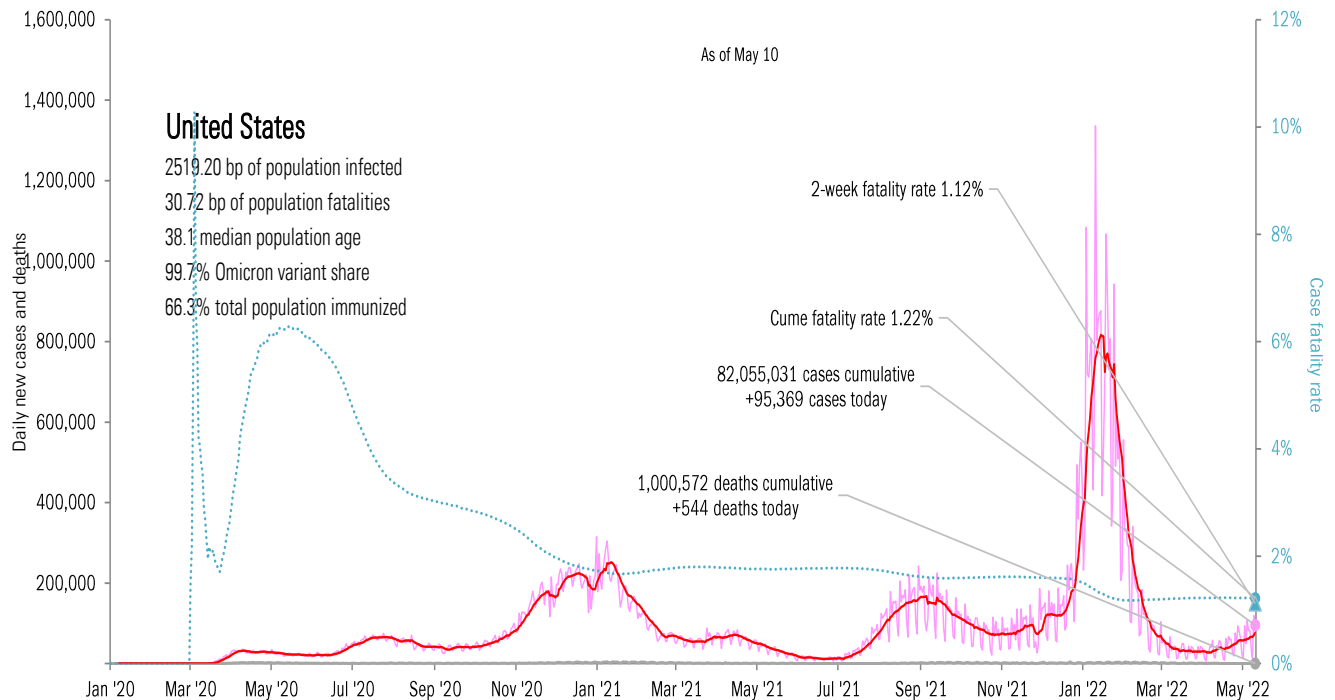
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	25,271		CA	108		PA	112		CA	9,320,578		CA	90,611		TX	491,197		RI	89%	TX	84%
NY	11,339		AZ	34		CT	65		TX	6,854,159		TX	88,191		CA	428,562		MA	83%	RI	83%
FL	8,633		NY	29		VA	52		FL	5,993,646		FL	74,249		FL	418,987		WA	82%	DE	80%
IL	5,344		MA	22		PR	34		NY	5,254,756		NY	68,529		NY	254,984		MN	82%	AL	78%
MN	5,116		IL	15		CR	33		IL	3,189,086		PA	44,733		GA	208,107		PA	80%	MA	78%
NE	4,684		FL	15		KS	12		PA	2,829,776		CH	38,493		CH	192,784		DE	79%	WA	78%
NJ	4,393		NM	13		NM	11		CH	2,708,071		GA	37,969		PA	178,388		MD	78%	NM	77%
MD	4,100		TX	13		AK	9		NC	2,673,326		IL	36,117		IL	159,667		MI	78%	NC	76%
MA	3,606		MD	10		AL	19		GA	2,521,664		MI	36,064		MI	143,684		GA	78%	NH	76%
TX	3,291		WI	10		CA	180		MI	2,444,891		NJ	33,503		KY	133,380		NH	77%	UT	75%
75,777			269			527			43,789,953			548,459			2,609,740						
All states	95,369		544		2,297			All states	82,055,031		1,000,572		4,738,662		All states	70%	67%				
Top ten	79%		49%		23%			Top ten	53%		55%		55%		Median	73%	69%				

Some states not reporting

Five most improved US states

Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
WA -11,262	FL -135	NY -106	CA +10 bp
IL -9,083	WA -26	MI -63	KY +10 bp
PR -7,591	NE -9	WA -57	MD +10 bp
MA -5,681	LA -8	TX -56	MN +10 bp
VA -3,539	CR -8	CO -53	NE +10 bp

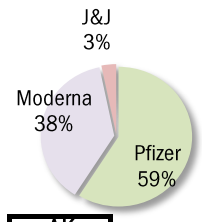


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	595,016,310		+0.222 million	US	66.3%	77.8%
Boosters	44,247,237		+0.016 million	UK	73.0%	78.1%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	266,022,069	80%	226,533,718	68%	+0.030 million	France 78.3% 80.6%
Age 12 to 17	17,769,263	70%	15,152,609	60%	+0.003 million	Spain 86.5% 88.2%
Age 18 to 64	178,834,461	88%	151,685,804	75%	+0.014 million	Germany 76.8% 76.9%
Age 65 and over	59,053,576	100%	51,339,221	94%	+0.009 million	Italy 79.4% 84.1%

Australia	83.6%	86.4%
Israel	66.1%	72.2%
Canada	82.3%	85.9%
Japan	80.7%	82.0%
Africa	16.8%	22.3%
India	62.4%	72.2%
Brazil	77.0%	85.5%
China	86.6%	89.1%



State

At least partial immunity as % population

Full immunity as % population

Best

Middle

Worst

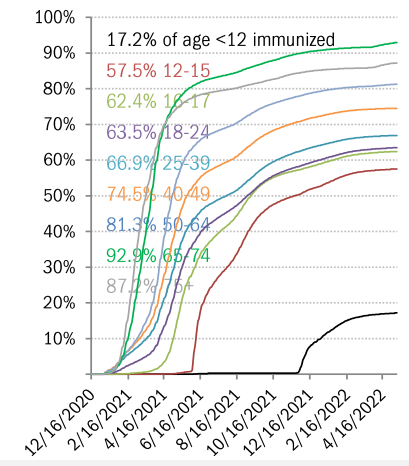
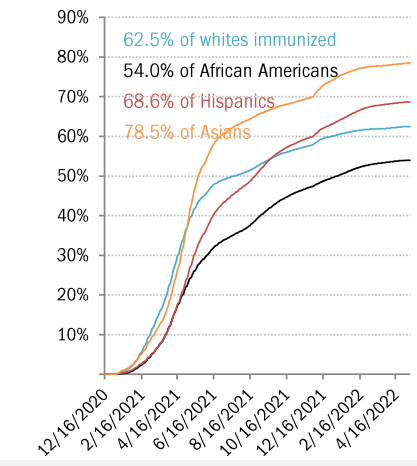
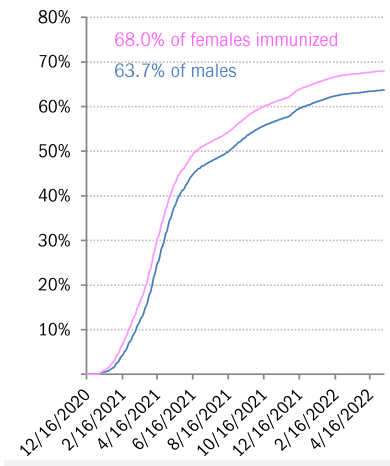
AK	69.9%
	62.4%

HI	87.5%
	78.4%

As of May 10

					WI						ME
					71.9%						90.7%
					65.6%						79.7%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH	
80.9%	61.7%	65.3%	65.7%	75.2%	76.8%	67.1%		90.3%	93.7%	88.4%	
72.7%	54.6%	56.9%	55.6%	69.3%	69.0%	60.2%		77.1%	81.3%	70.6%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA		
78.0%	75.4%	58.1%	76.7%	68.0%	61.5%	63.6%	85.1%	90.5%	95.0%		
69.7%	60.9%	50.9%	61.6%	62.0%	54.9%	58.5%	68.6%	75.8%	79.2%		
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI	
83.9%	72.2%	79.5%	70.4%	66.3%	66.2%	65.1%	85.8%	86.6%	95.0%	95.0%	
72.2%	64.4%	70.3%	63.7%	56.2%	57.5%	57.7%	73.3%	75.8%	79.4%	82.7%	
	AZ	NM	KS	AR	TN	NC	SC	DC	DE		
	73.2%	87.9%	74.6%	66.8%	62.2%	84.4%	67.8%	95.0%	83.2%		
	61.7%	71.2%	61.6%	54.5%	54.6%	61.4%	57.1%	77.8%	69.3%		
			OK	LA	MS	AL	GA				
			71.2%	61.1%	59.7%	62.8%	65.5%				
			57.4%	53.5%	51.9%	51.2%	54.8%				
			TX								
			73.3%								
			61.6%								
								FL			
								79.4%			
								67.1%			
									PR		
									95.0%		
									83.1%		

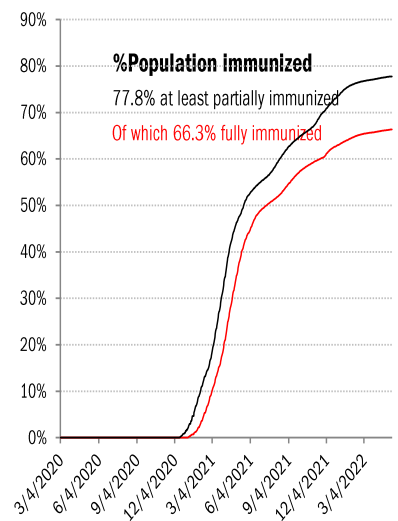
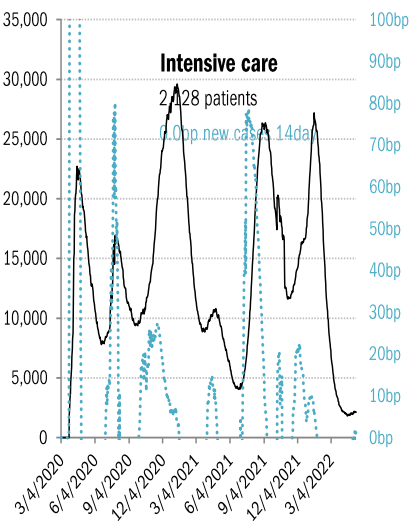
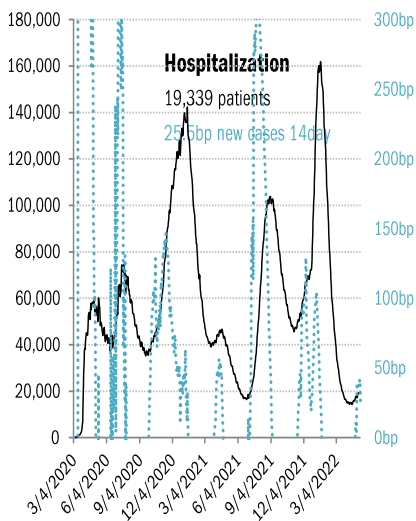
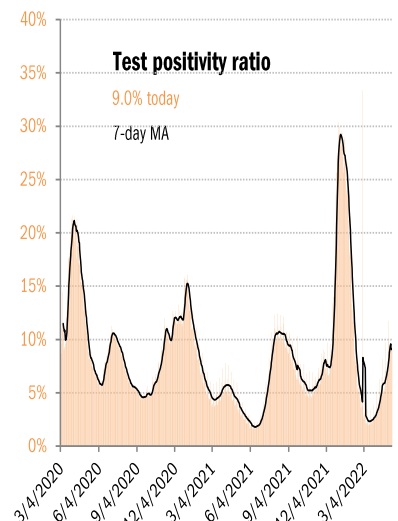
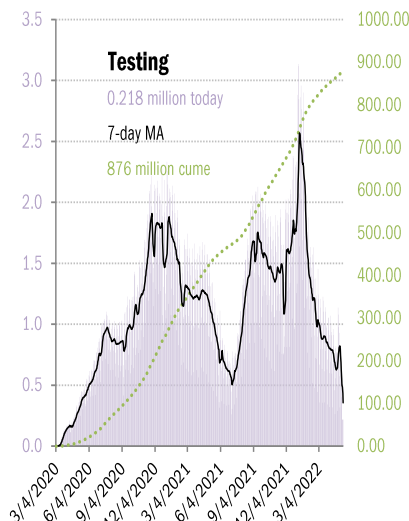
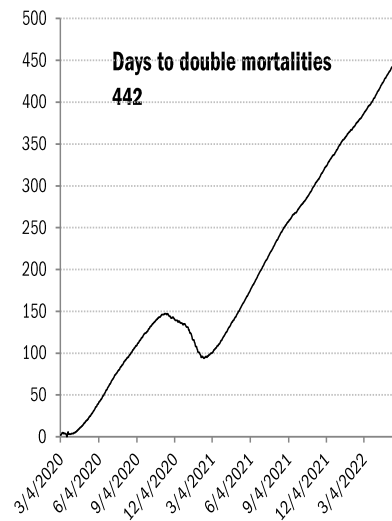
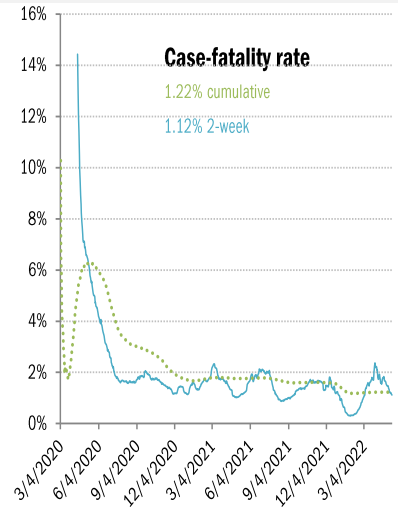
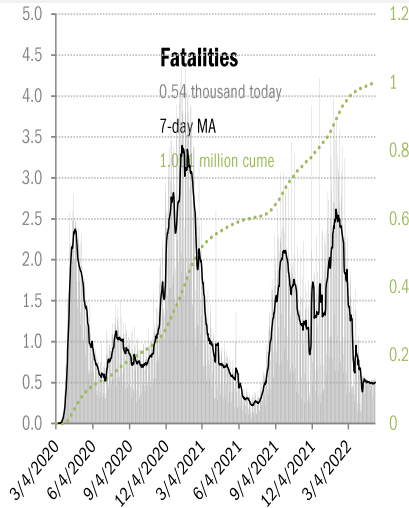
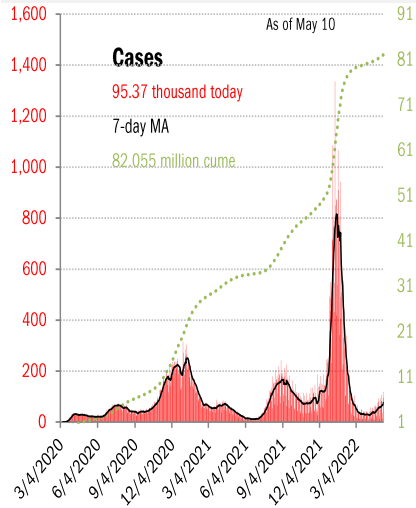
The demographics of US vaccination



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

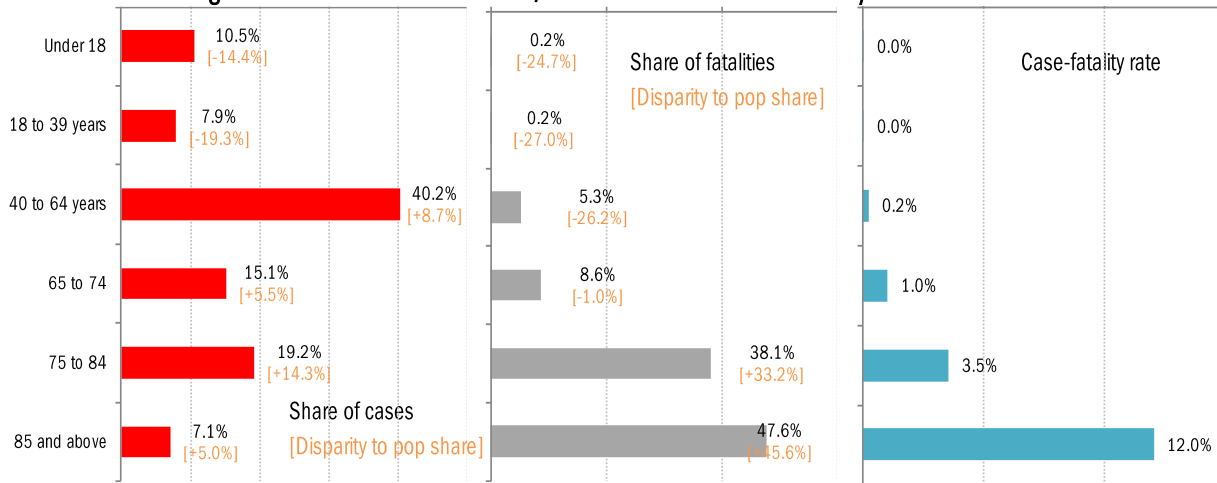
US deep-dive

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

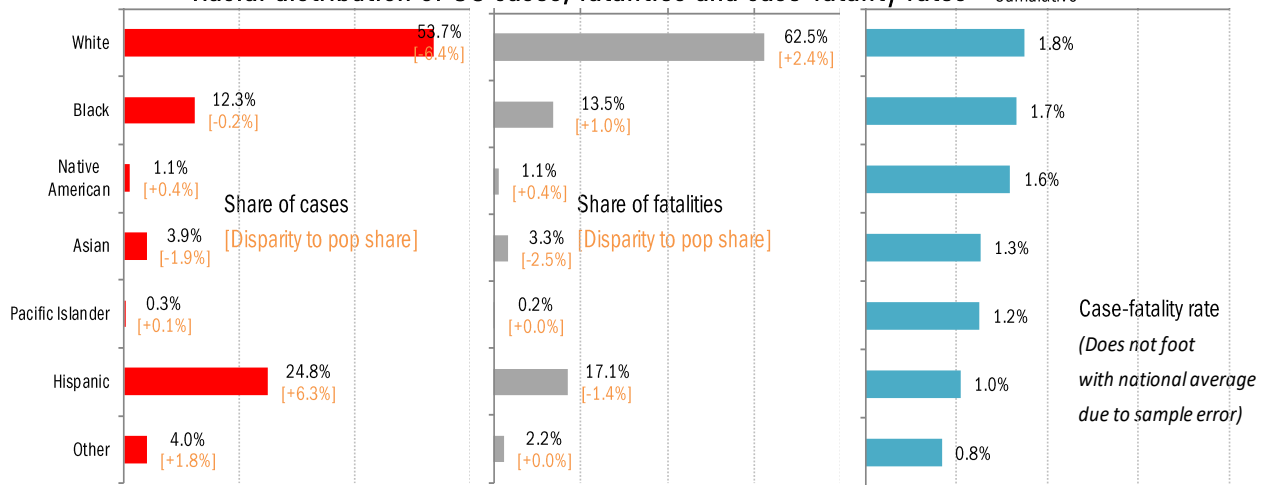


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

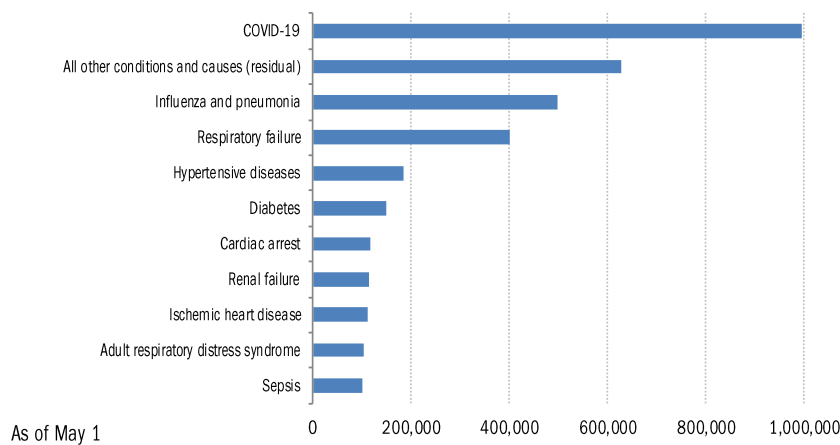


Racial distribution of US cases, fatalities and case-fatality rates



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

[Fauci's Royalties And The \\$350 Million Royalty Payment Stream HIDDEN By NIH](#)

Adam Andrzejewski
OpenTheBooks Substack
May 9, 2022

[Lessons From China's Covid Lockdowns](#)

Wall Street Journal
May 10, 2022

[Emergent Evidence of Covid Vaccine Problems at Plant, Report Says](#)

Sheryl Gay Stolberg, Chris Hamby and Sharon LaFraniere
New York Times
May 10, 2022

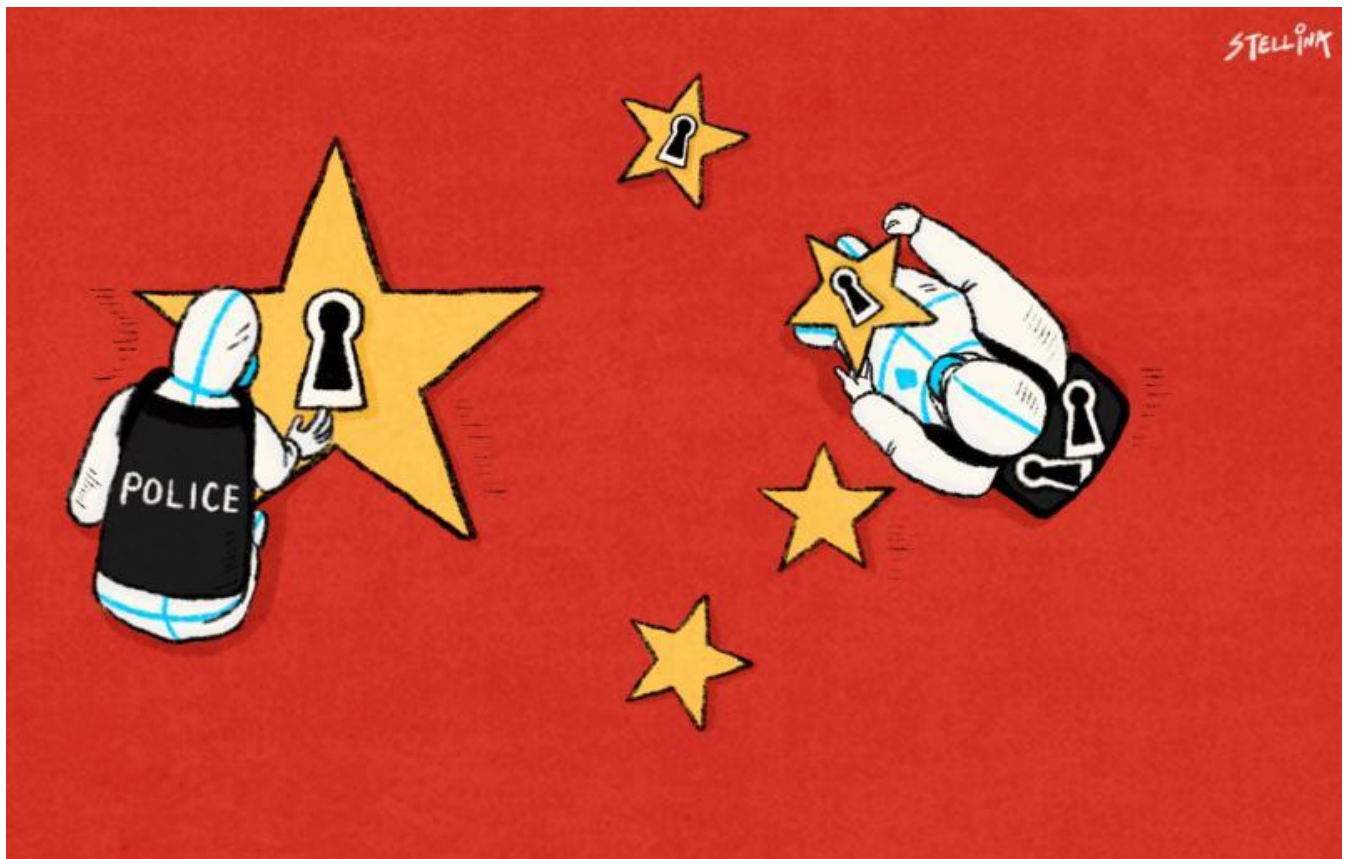
[Won't Get Fooled Again](#)

John Tierney
City Journal
April 2022

[Covid-19 Cases Rise in Parts of U.S. With High Vaccination Rates](#)

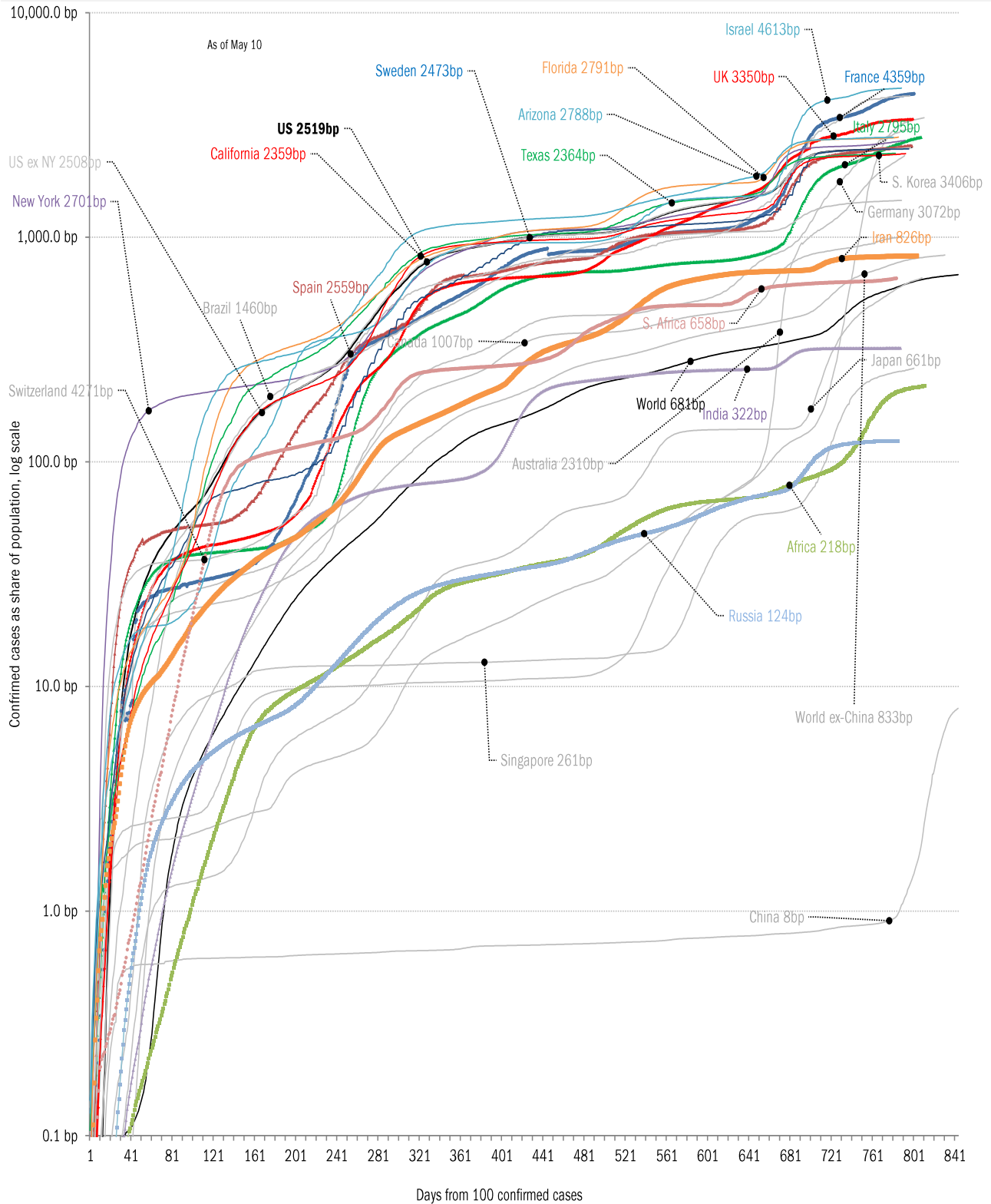
Jon Kamp and Arian Campo-Flores
Wall Street Journal
May 9, 2022

Meme of the day



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

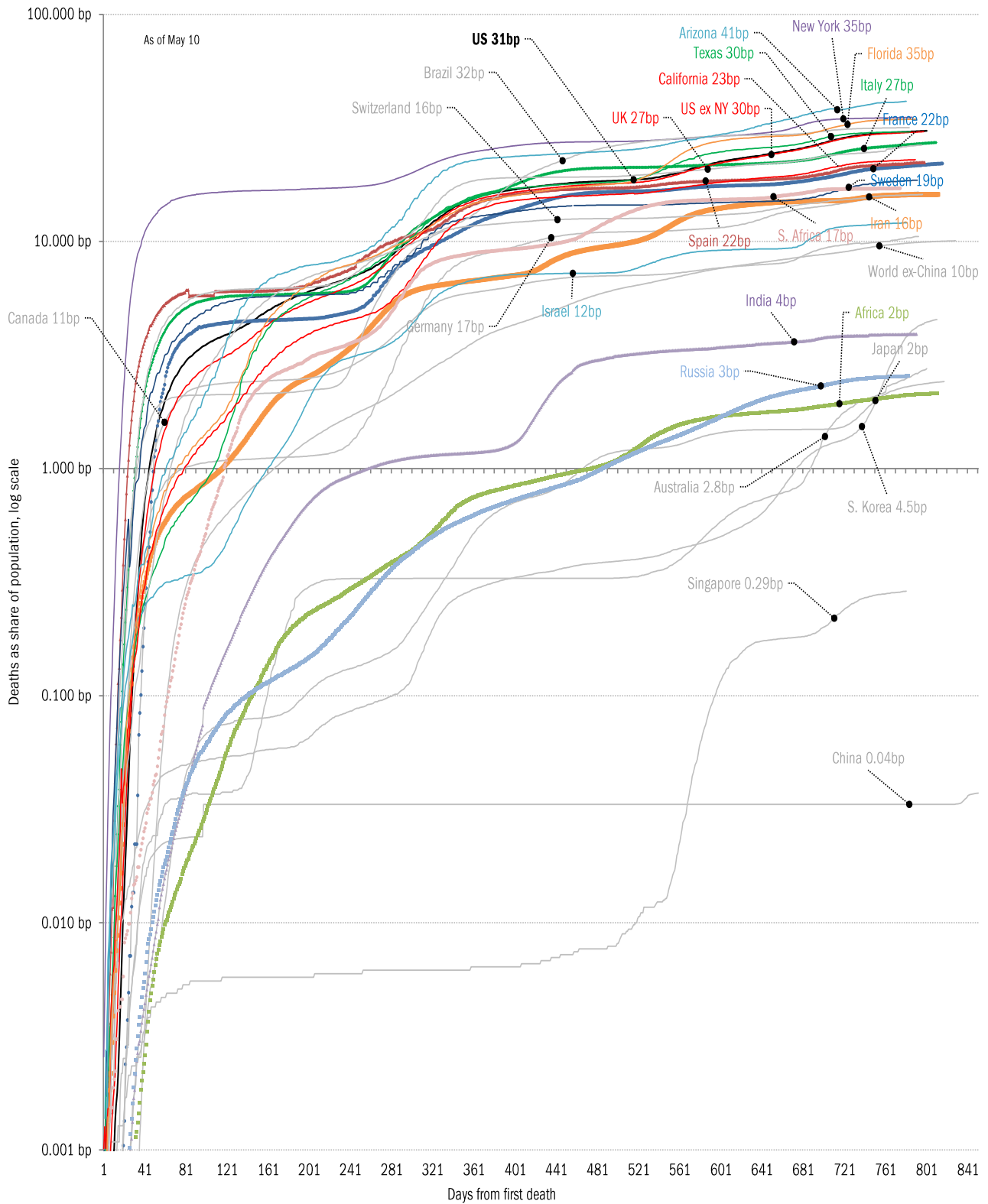
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

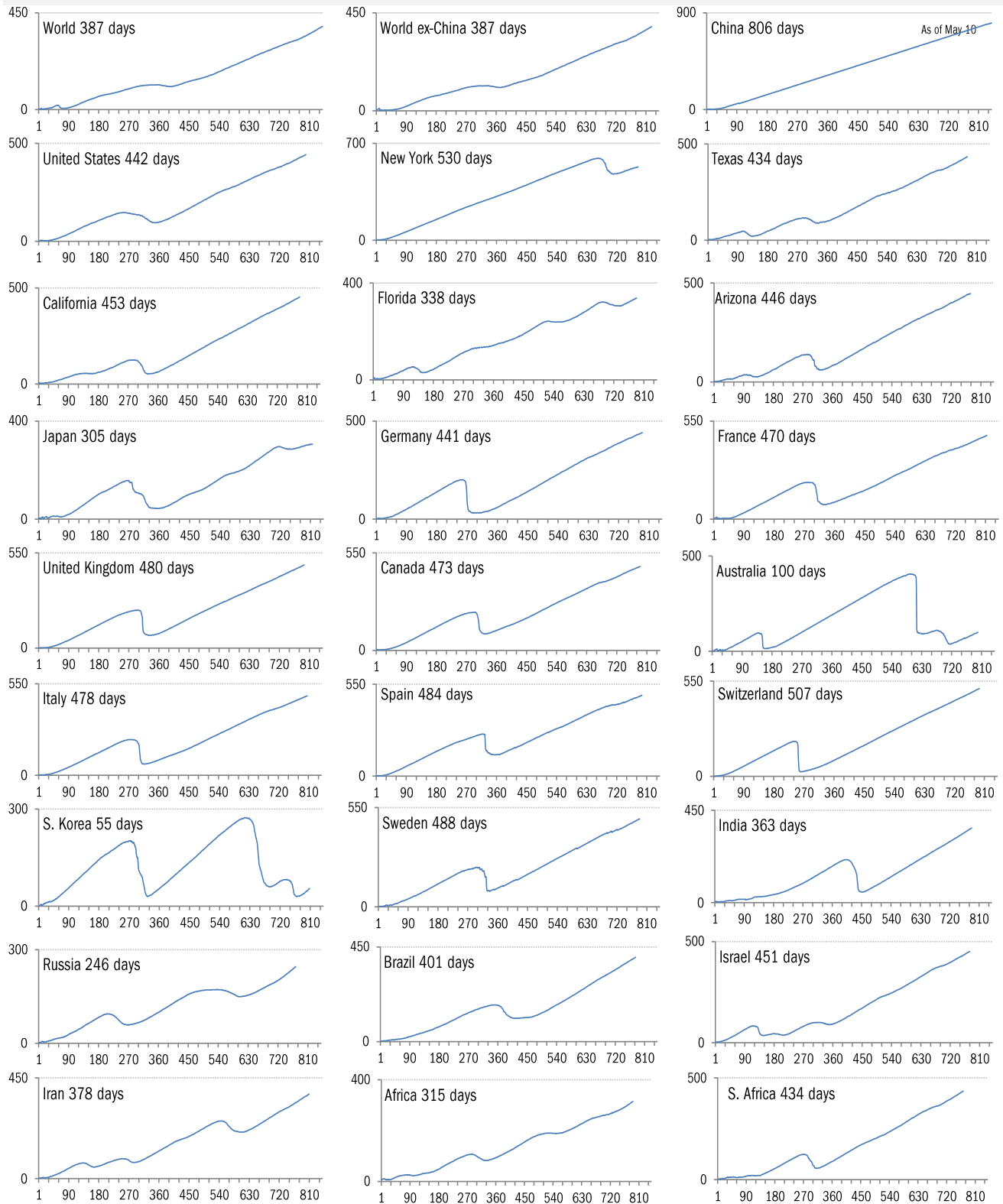


Source: [Johns Hopkins](#), TrendMacro calculations

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

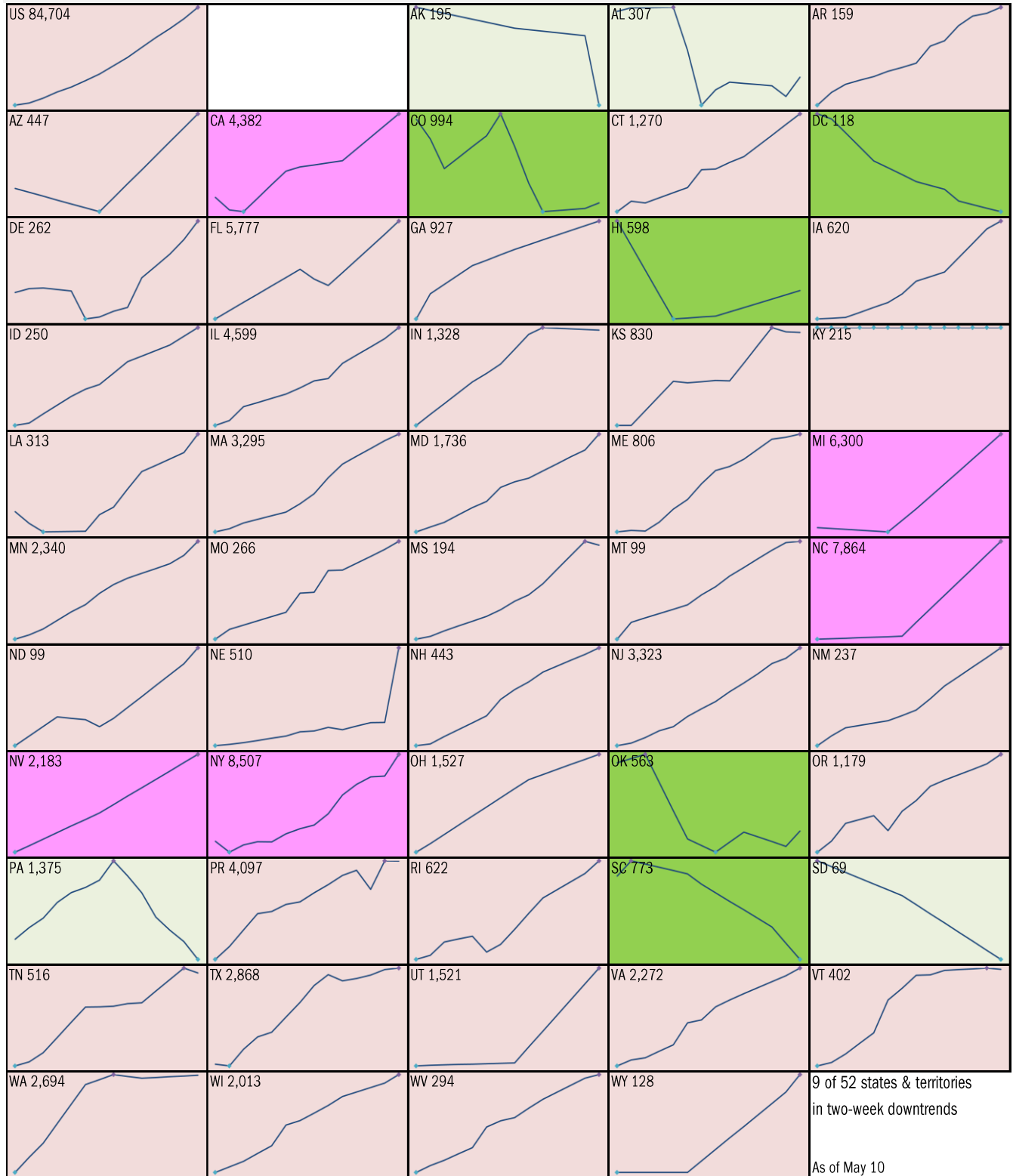


Source: [Johns Hopkins](#), TrendMacro calculations

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

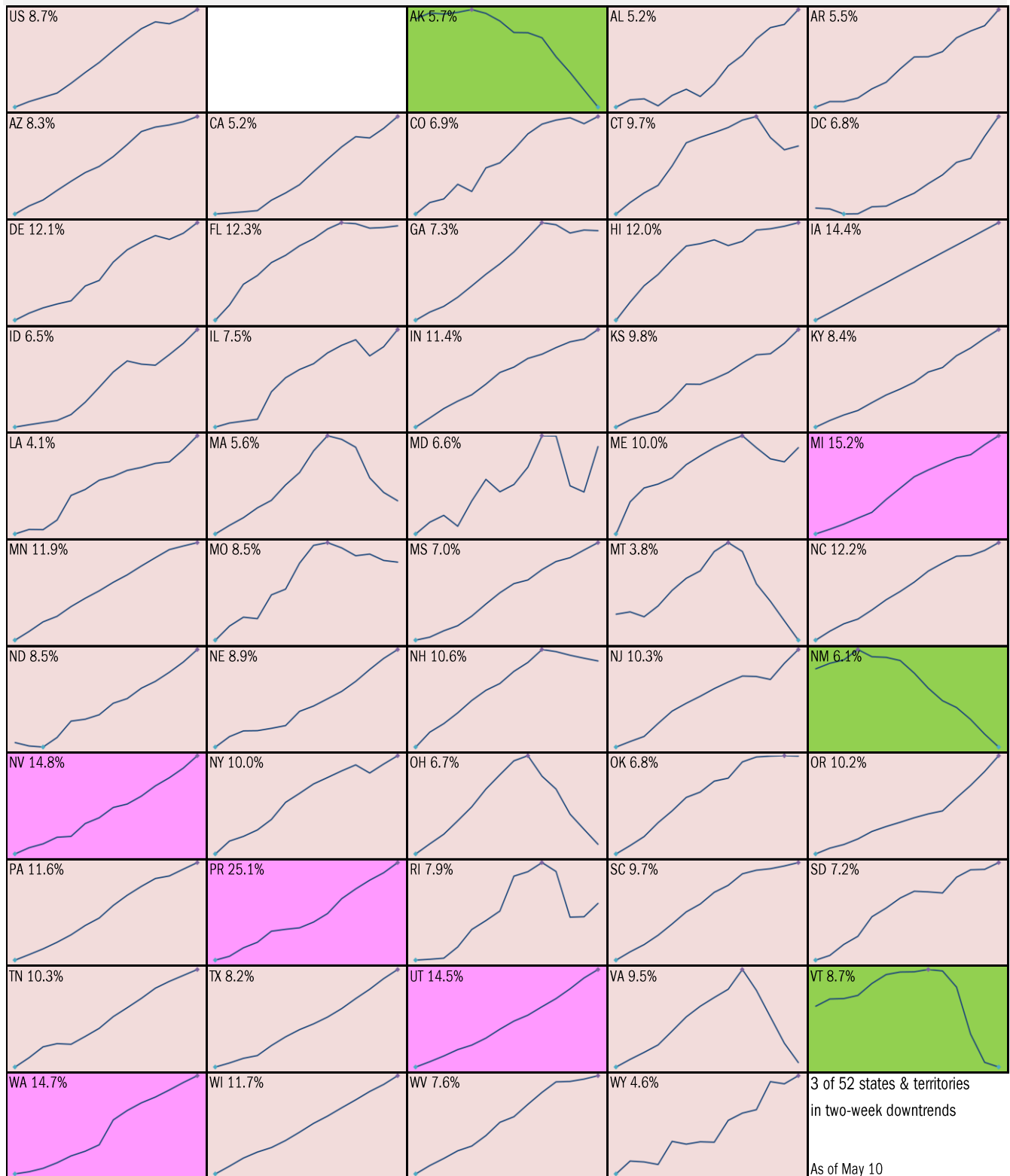


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

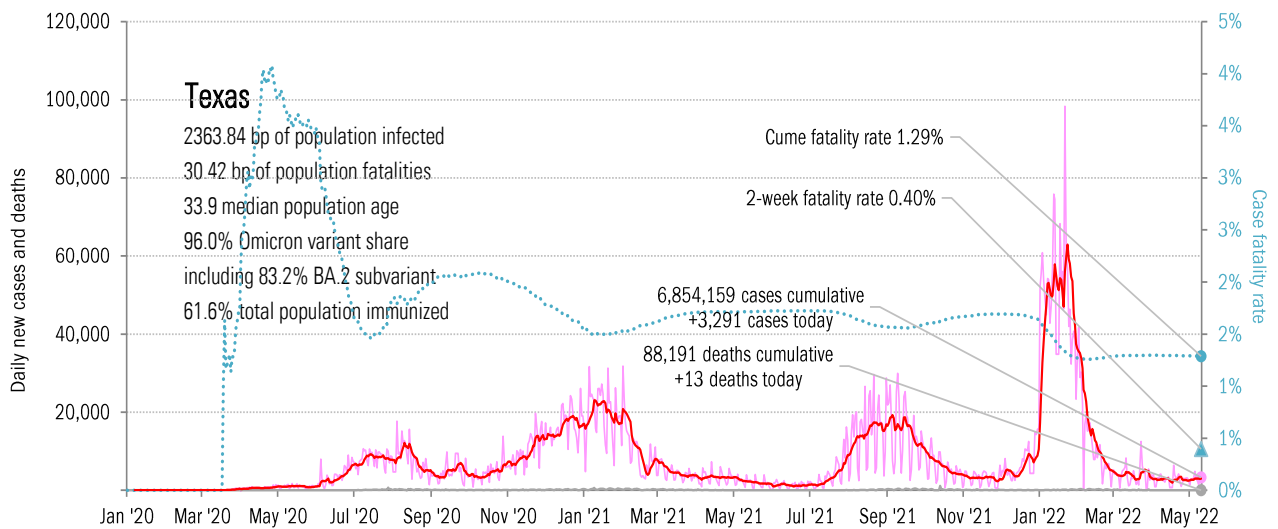
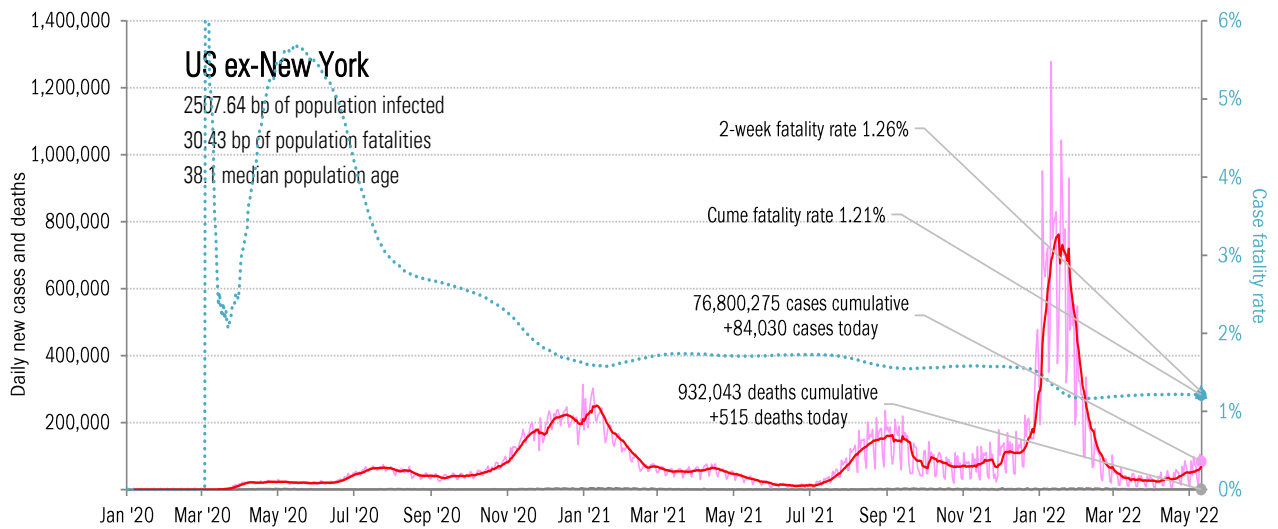
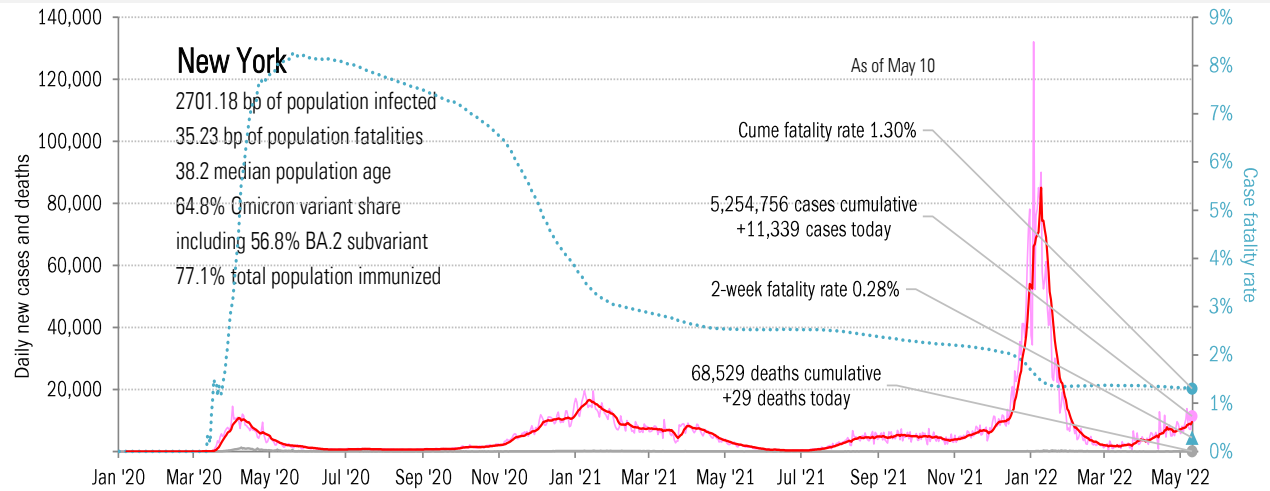
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

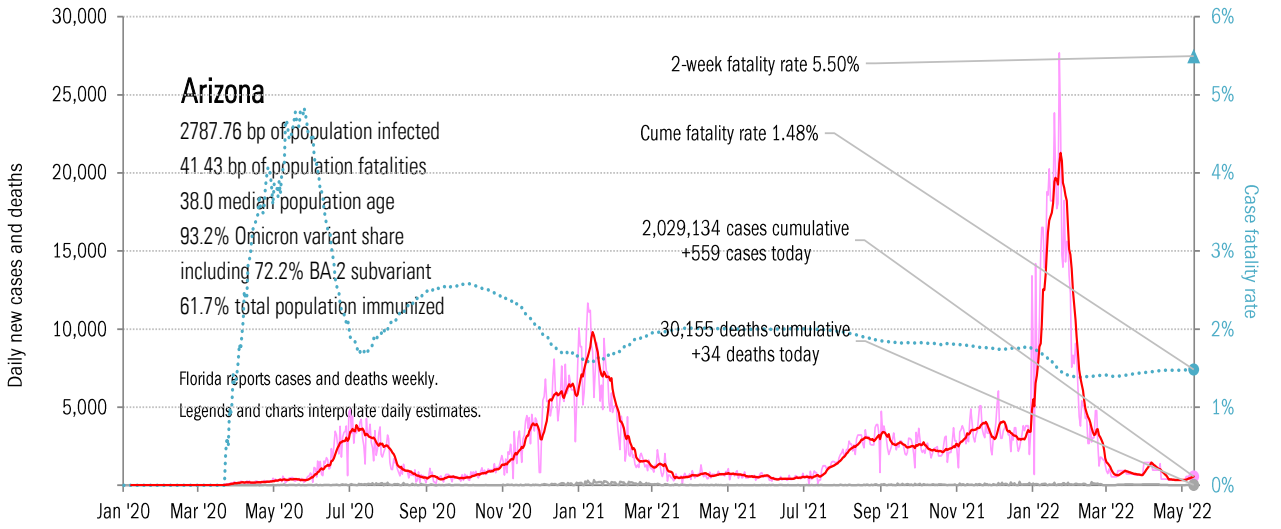
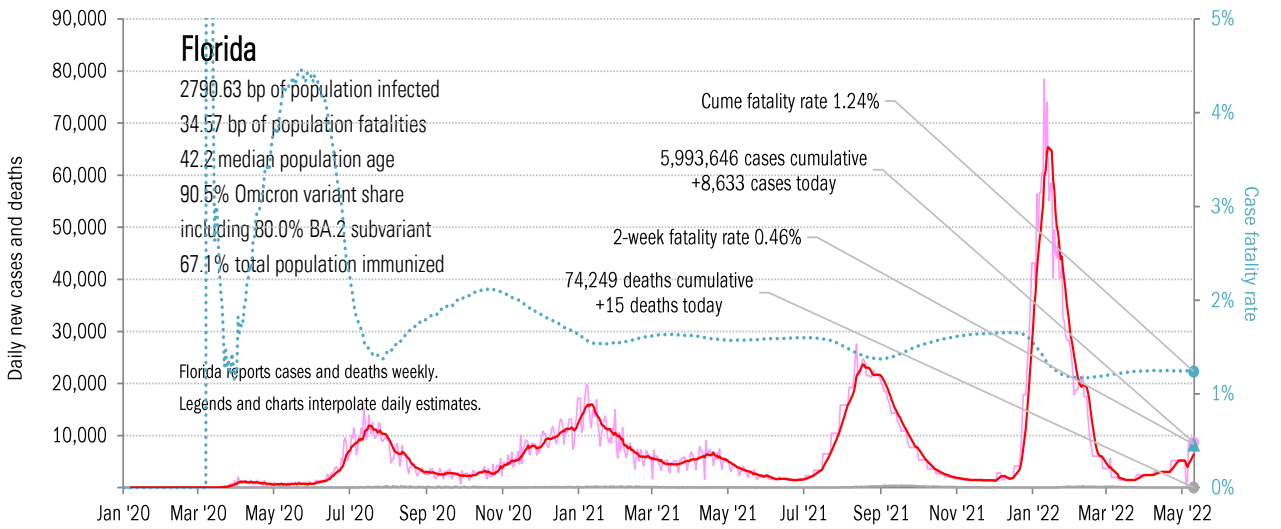
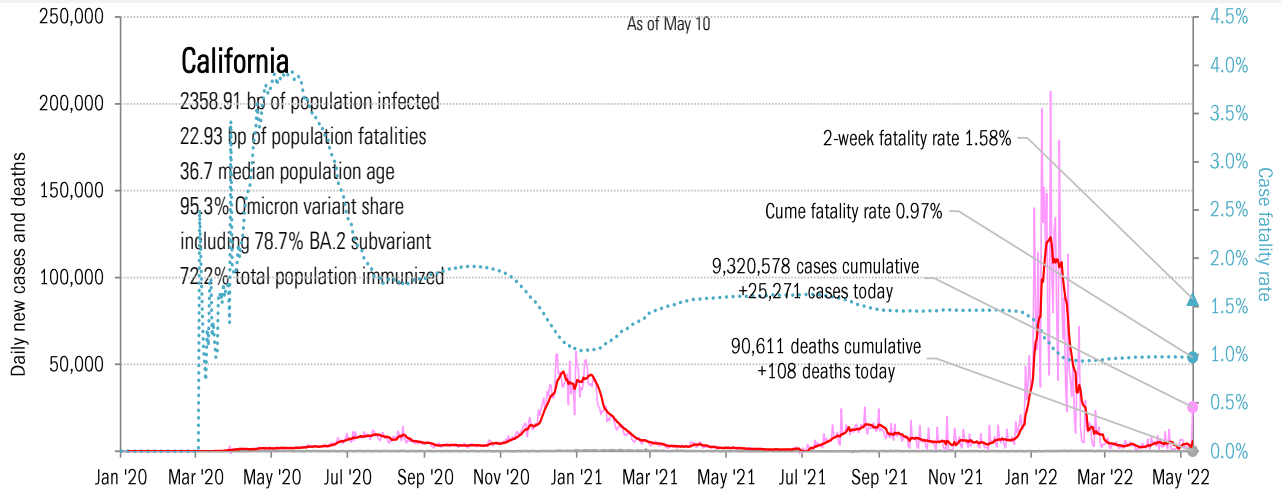
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

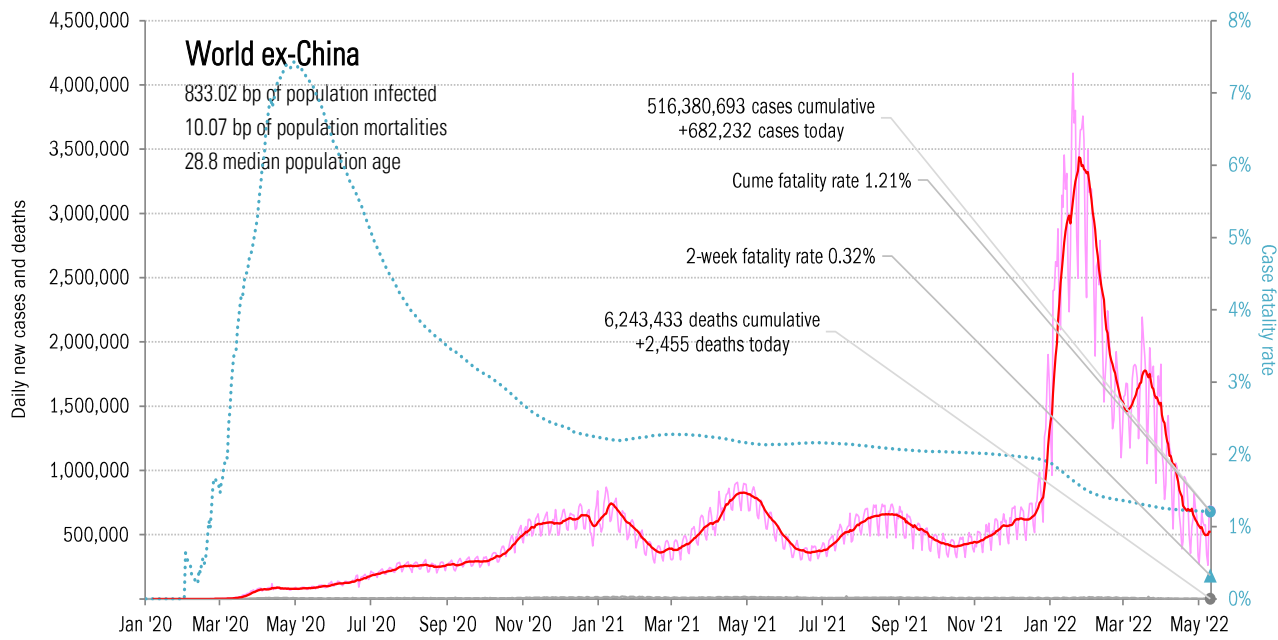
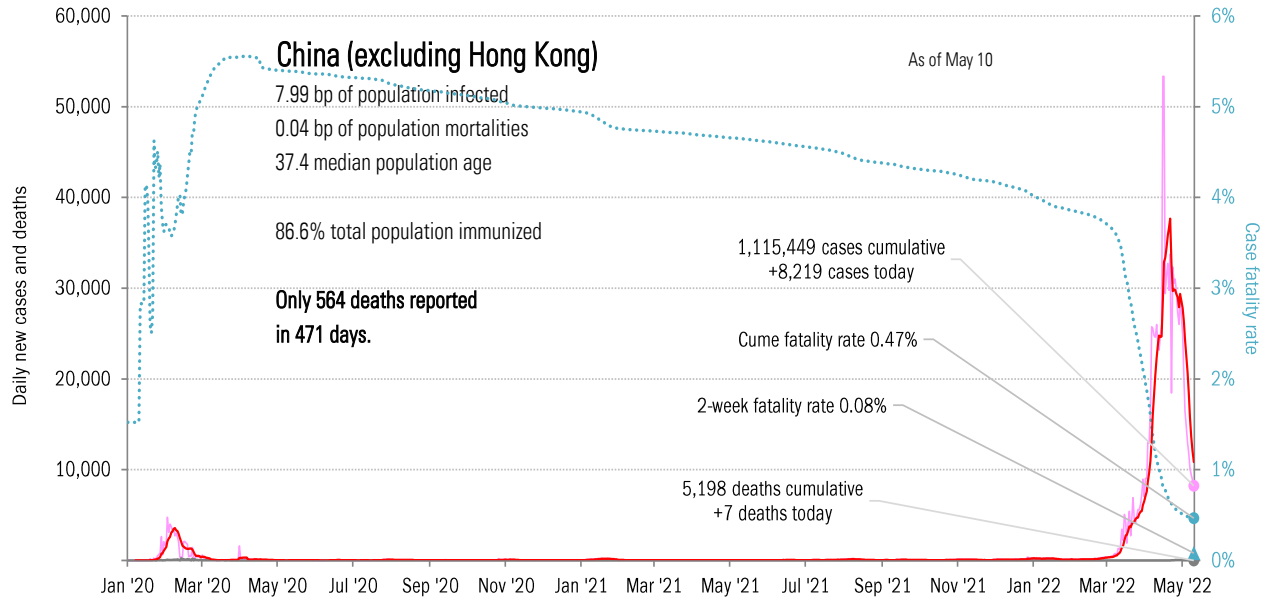
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

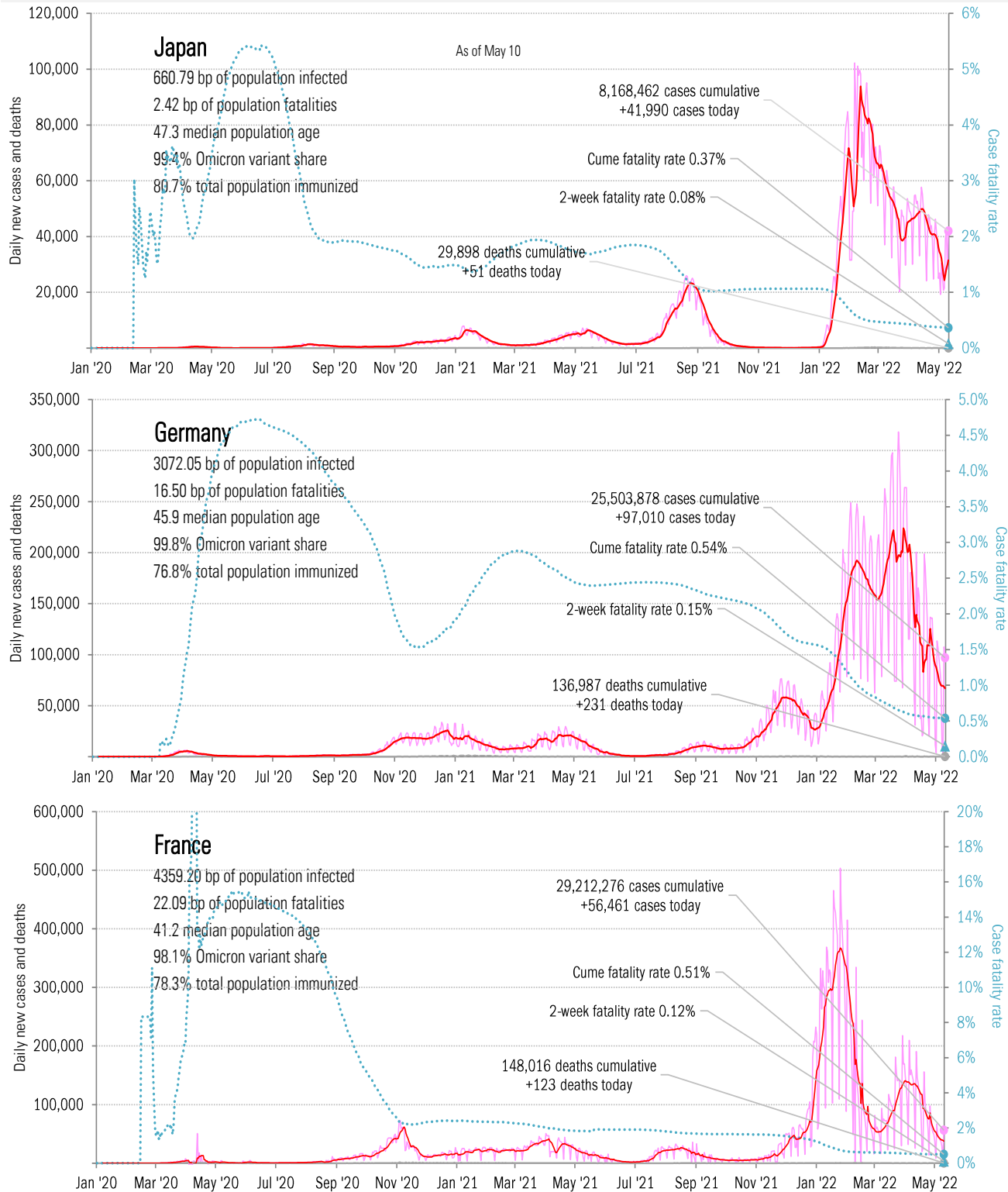
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

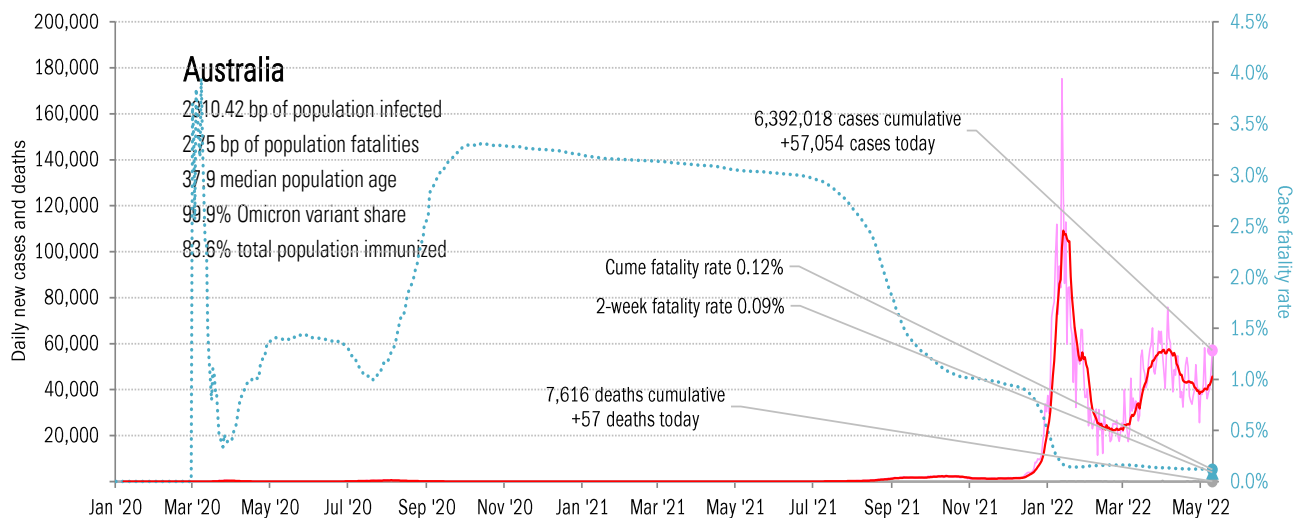
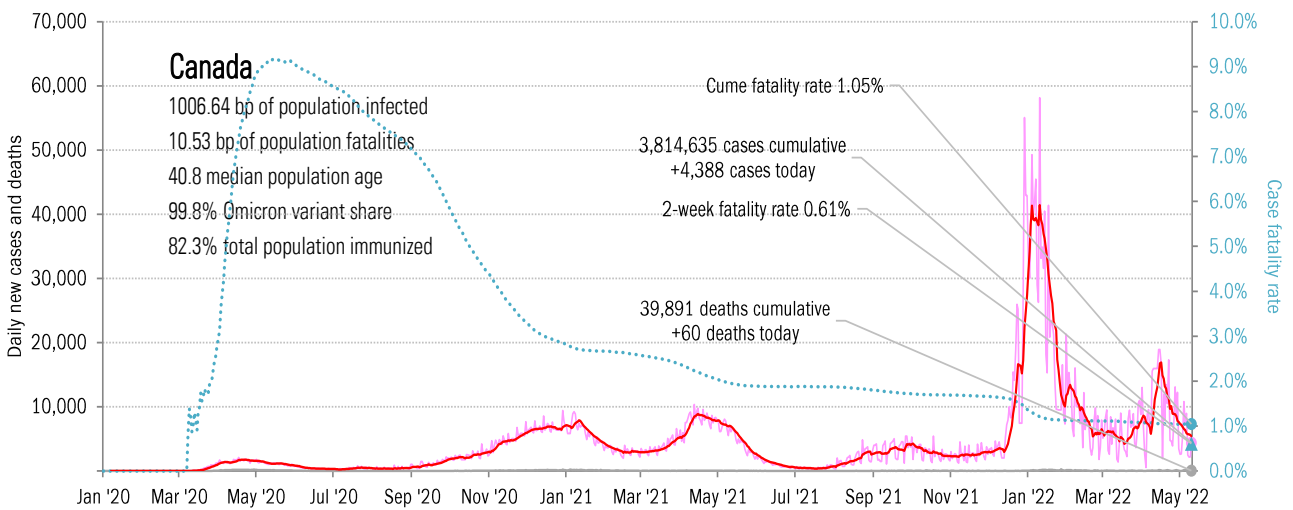
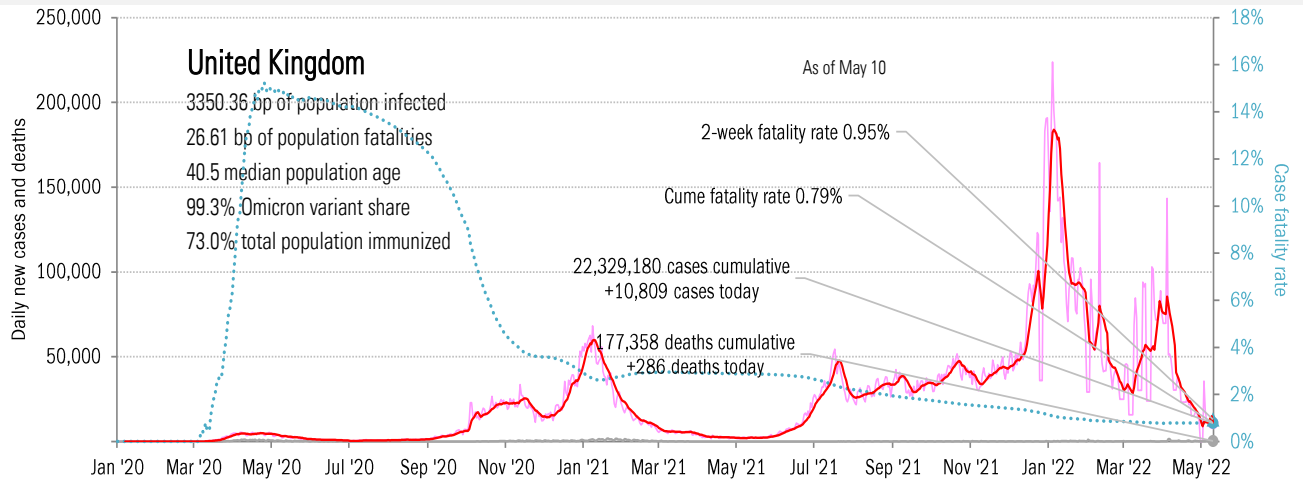
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

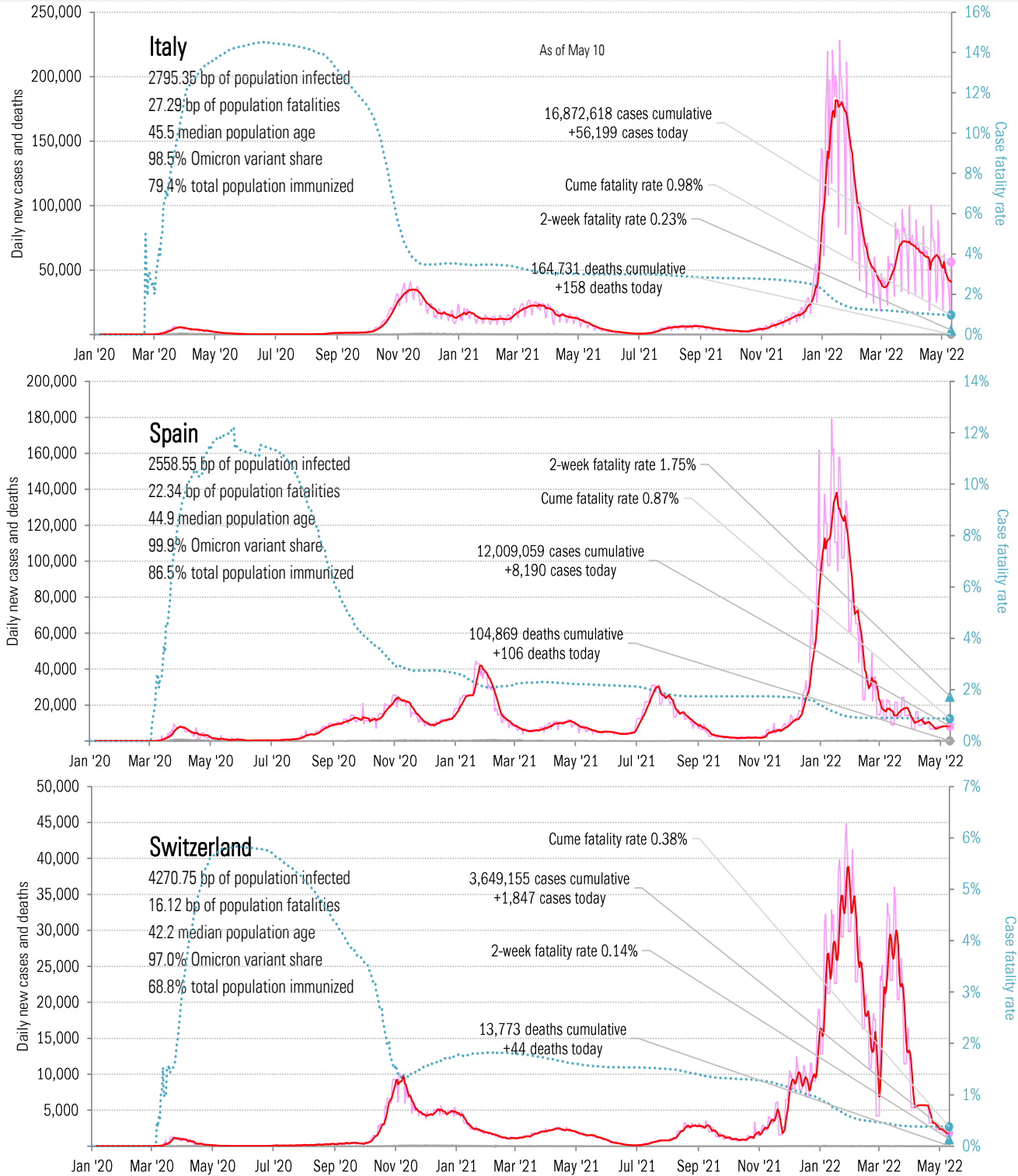
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

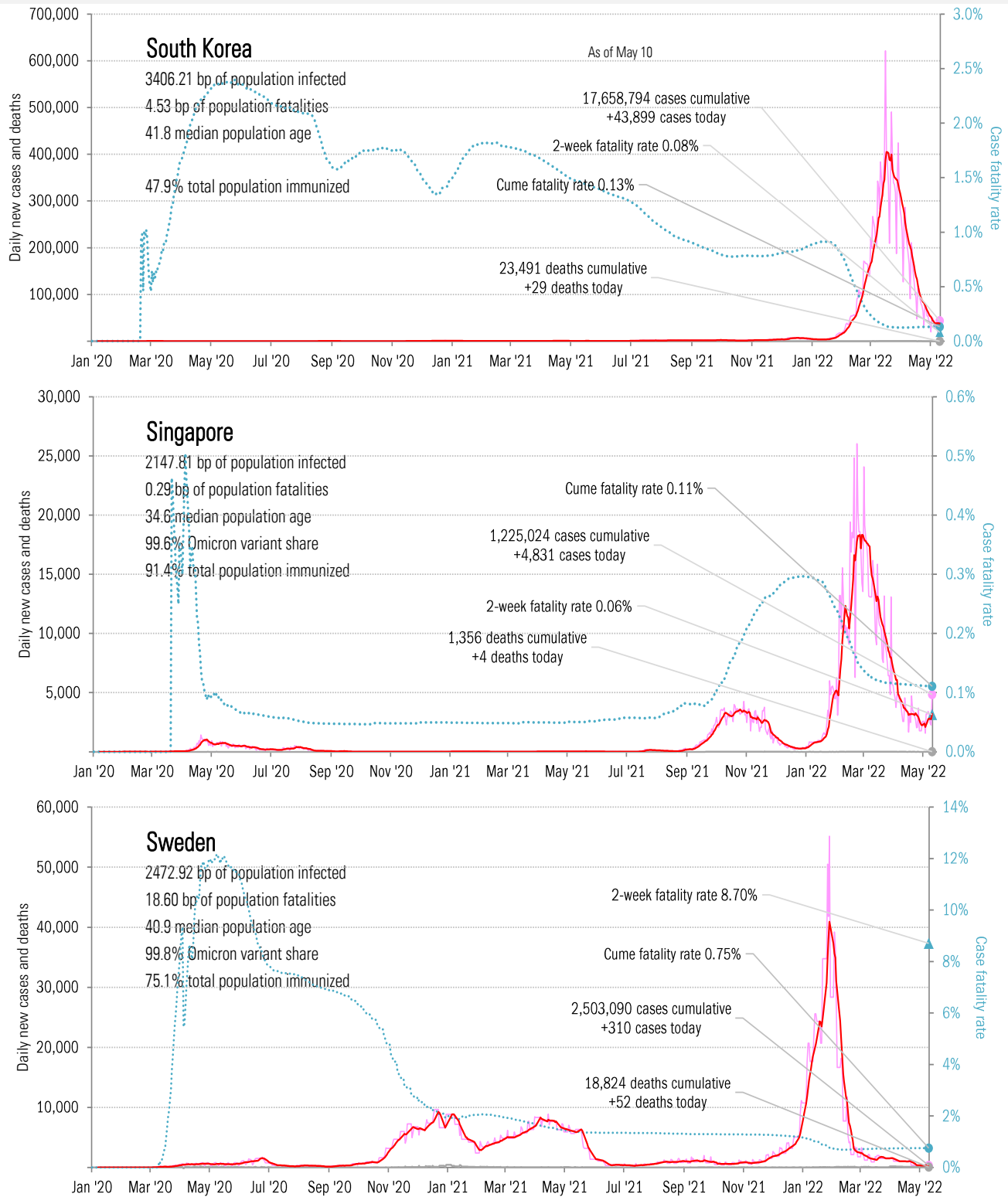
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

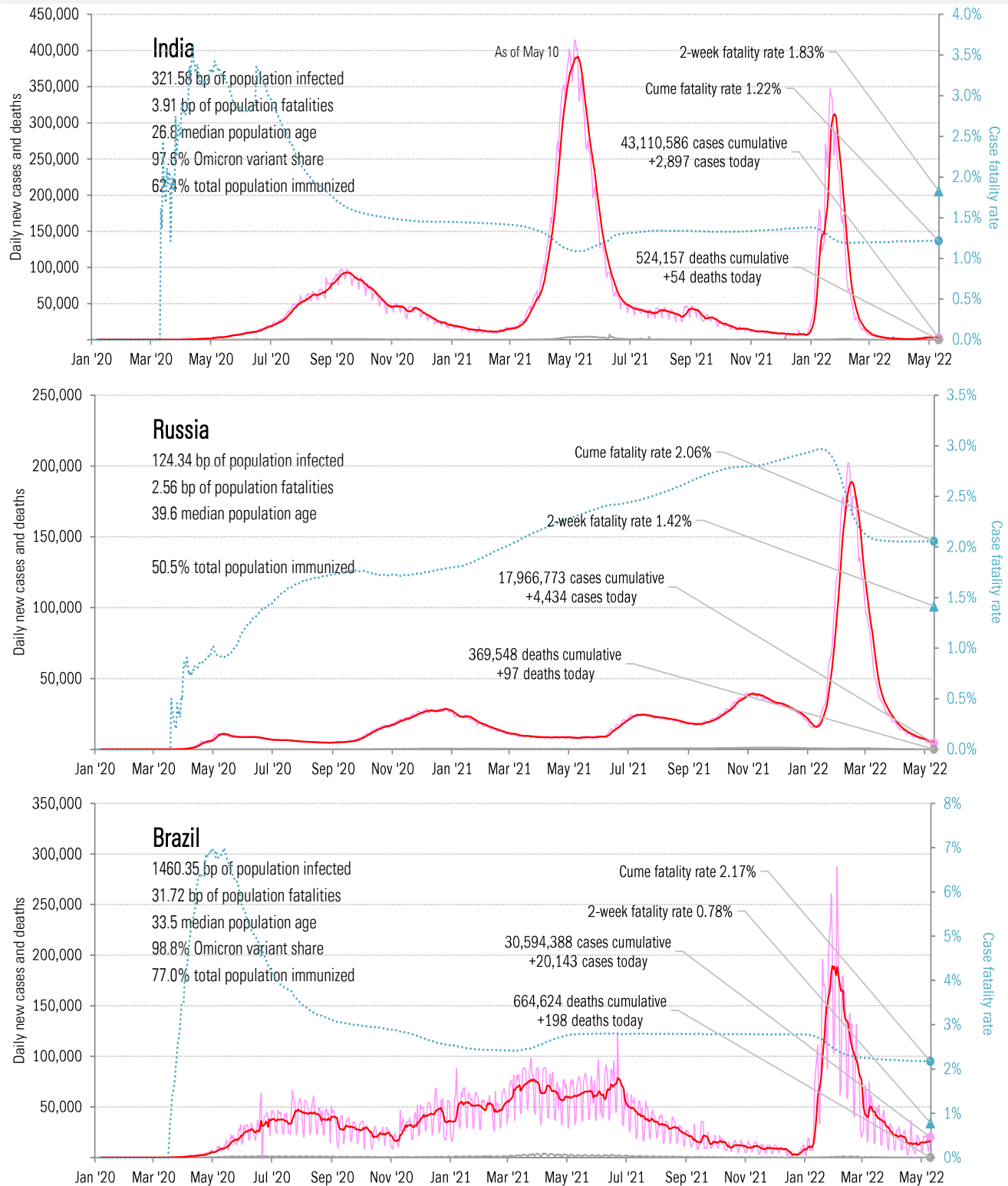
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

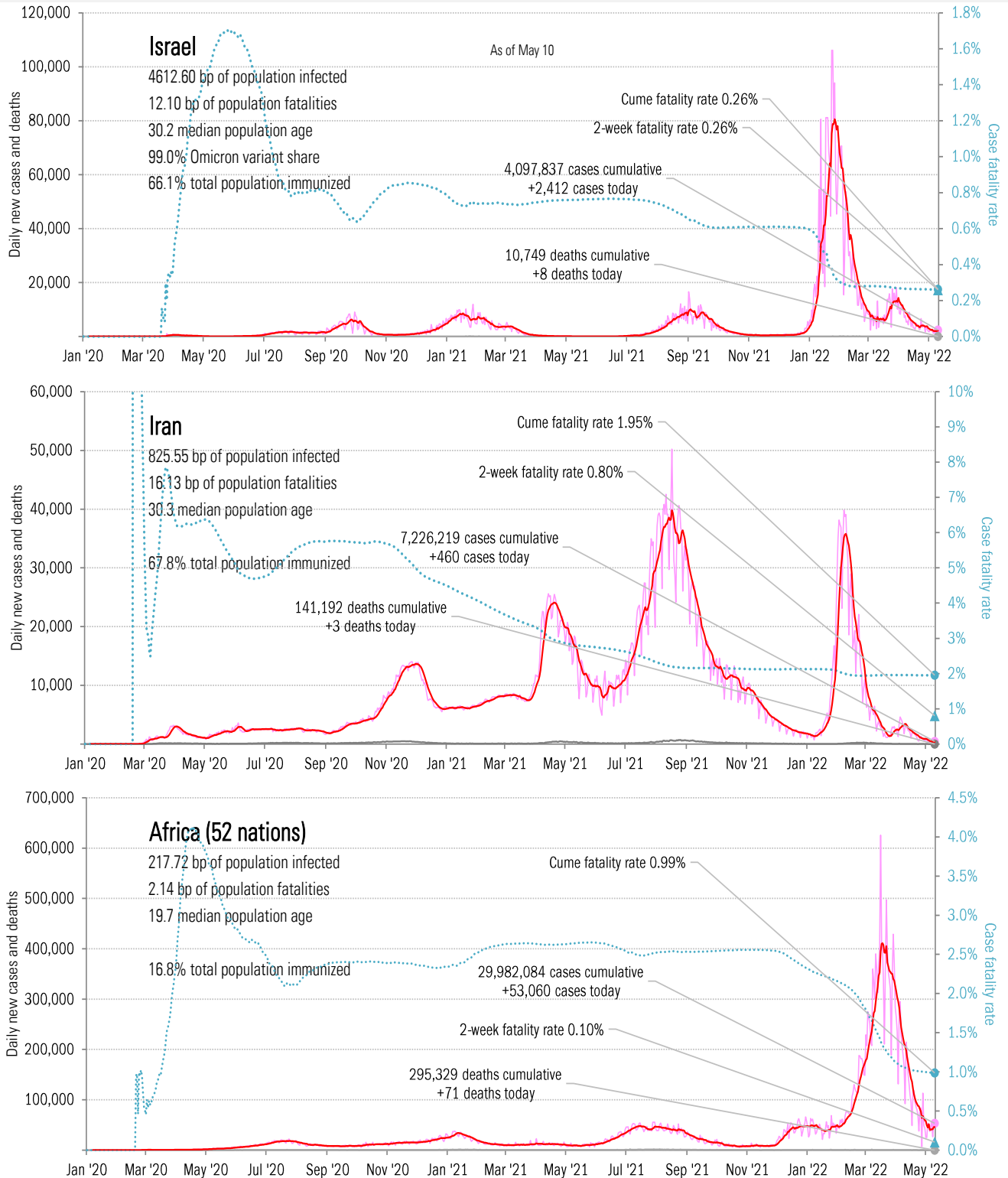
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

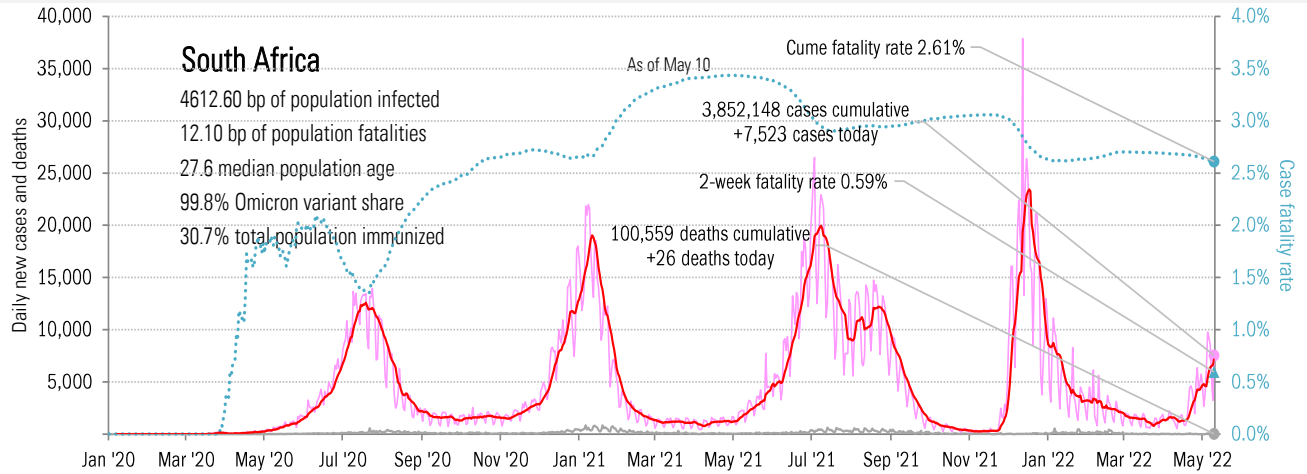
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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