

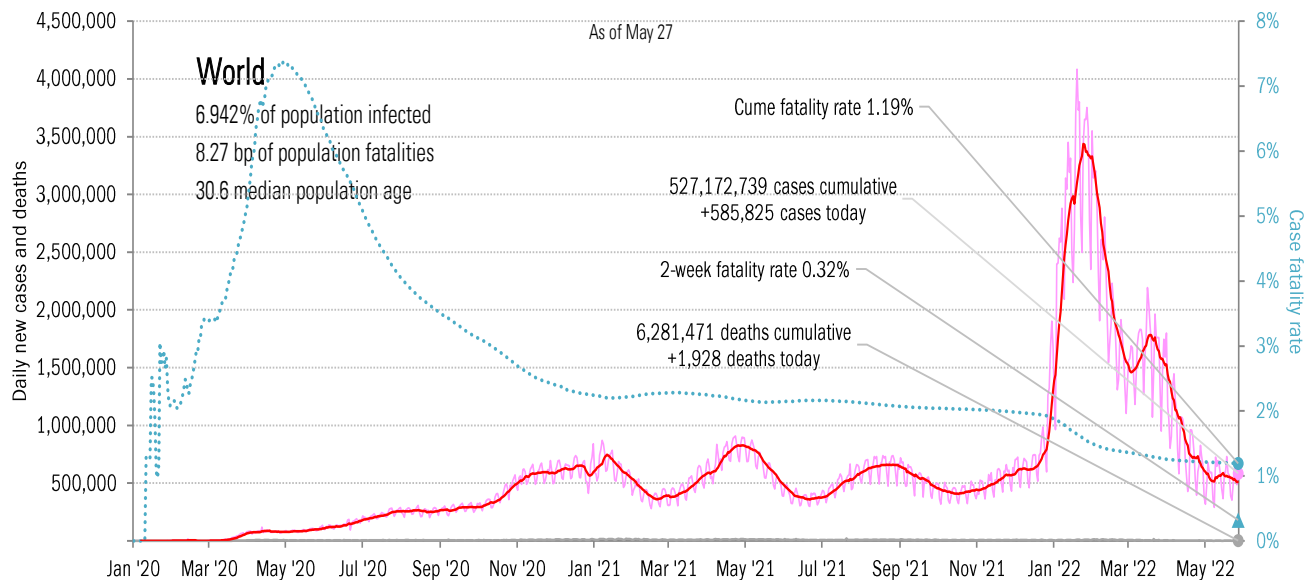
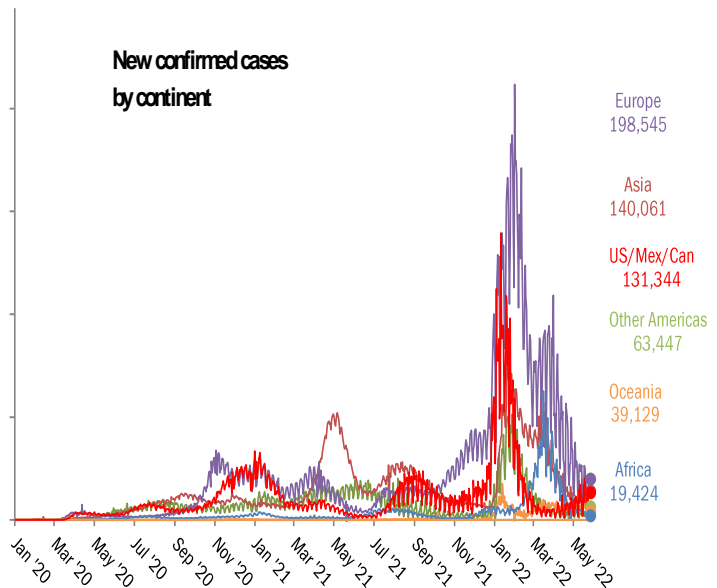
Data Insights: Covid-2019 Monitor

Saturday, May 28, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	126,074	United States	494
Taiwan*	94,796	Spain	236
Portugal	61,734	Brazil	139
Spain	45,919	Taiwan*	126
Brazil	40,633	Italy	118
Germany	39,976	Russia	80
Australia	32,621	Germany	73
Japan	27,452	Australia	65
Italy	21,820	Canada	64
Korea, South	14,382	United Kingdom	62
505,407		1,457	
World	585,825	World	1,928
Top ten	86%	Top ten	76%



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

For more information contact us:

Donald Luskin: 214 550 2121 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

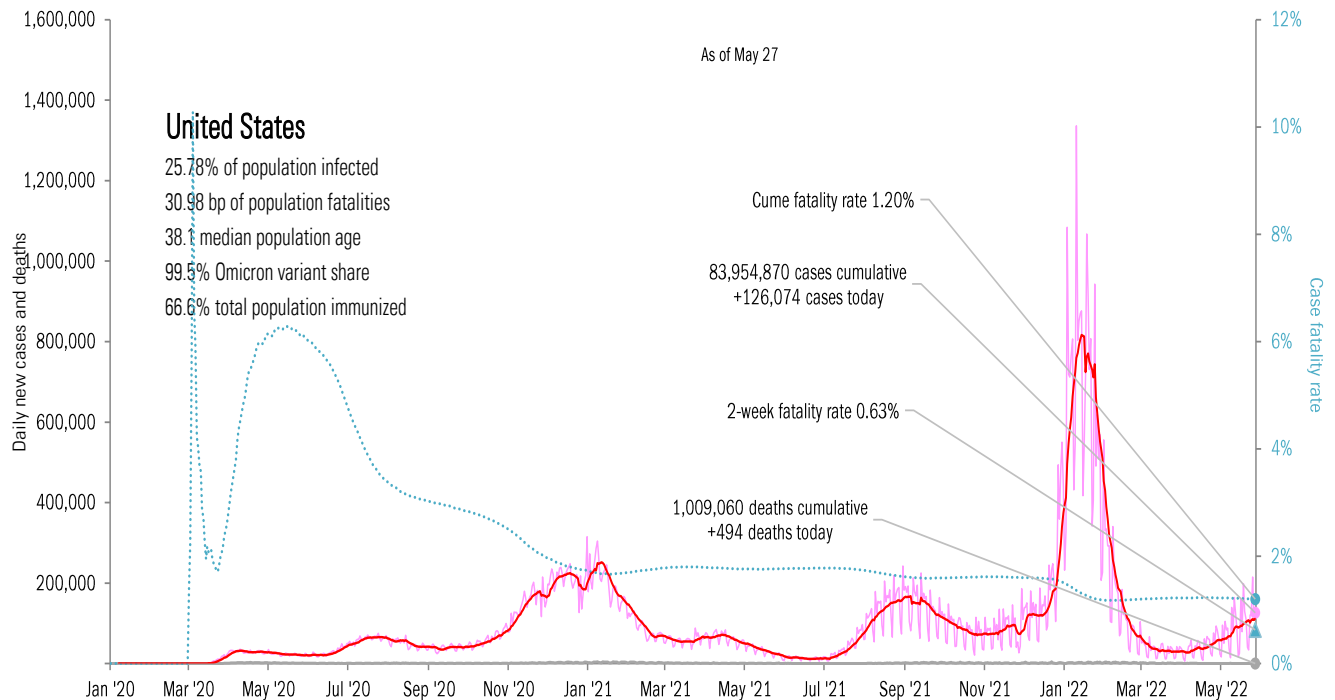
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	40,776		MO	131		FL	405		CA	9,557,802		CA	91,299		TX	493,624		RI	91%	TX	86%
NY	9,448		CA	100		NJ	224		TX	6,927,334		TX	88,348		CA	433,695		MA	87%	NH	84%
WA	7,955		NY	37		WA	145		FL	6,113,543		FL	74,566		FL	424,493		WA	85%	WA	82%
MO	6,756		CO	34		CA	370		NY	5,414,434		NY	68,955		NY	261,428		MN	85%	DC	81%
TX	5,876		WA	31		KY	63		IL	3,286,377		PA	45,147		GA	209,189		MD	84%	DE	81%
IL	5,659		NM	22		WI	79		PA	2,907,324		CH	38,628		CH	195,004		NH	84%	NM	81%
FR	5,207		FL	19		PA	202		CH	2,763,123		GA	38,198		PA	181,409		PA	83%	AK	81%
NJ	5,194		MA	15		TX	156		NC	2,744,935		MI	36,357		IL	162,448		DE	83%	MA	80%
VA	3,628		MT	15		IL	186		GA	2,556,044		IL	36,239		MI	146,090		MO	83%	NC	80%
MA	3,617		DE	14		GA	84		MI	2,527,831		NJ	33,678		KY	134,057		MI	82%	AL	79%
94,116			418			1,914			44,798,747			551,415			2,641,437						
All states	126,074		494			3,951			All states	83,954,870		1,009,060			4,796,780			All states	70%	67%	
Top ten	75%		85%			48%			Top ten	53%		55%			55%			Median	76%	73%	

Some states not reporting

Five most improved US states

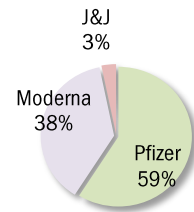
Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
CH -19,546	FL -127	CA -53	IN +20 bp
CO -10,040	CK -40	MD -41	AK +10 bp
UT -5,611	CH -38	MA -33	IL +10 bp
FL -4,263	UT -12	MO -26	NJ +10 bp
VT -1,606	MD -9	CH -26	NY +10 bp



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	601,965,569		+0.255 million		US	66.6%	77.9%	
Boosters	44,931,495		+0.016 million		UK	73.2%	78.3%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.3%	80.7%
Total population	266,300,316	80%	227,520,145	68%	+0.032 million	Spain	86.6%	88.2%
Age 12 to 17	17,790,118	70%	15,239,827	60%	+0.002 million	Germany	76.9%	76.9%
Age 18 to 64	178,919,616	88%	152,204,731	75%	+0.016 million	Italy	79.4%	84.1%
Age 65 and over	59,125,504	100%	51,616,366	94%	+0.009 million	Australia	83.8%	86.5%
						Israel	66.1%	72.2%
						Canada	82.4%	86.6%
						Japan	80.9%	82.1%
						Africa	17.3%	22.6%
						India	63.6%	72.5%
						Brazil	77.6%	85.9%
						China	87.0%	89.3%



State

At least partial immunity as % population

Full immunity as % population

Best

Middle

Worst

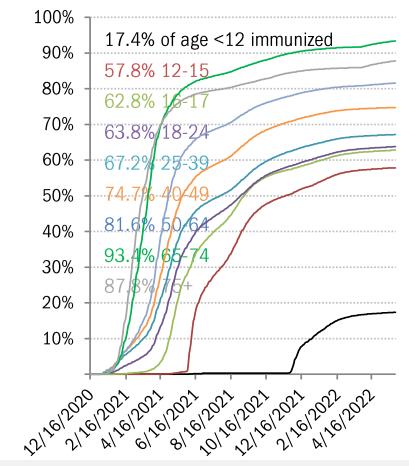
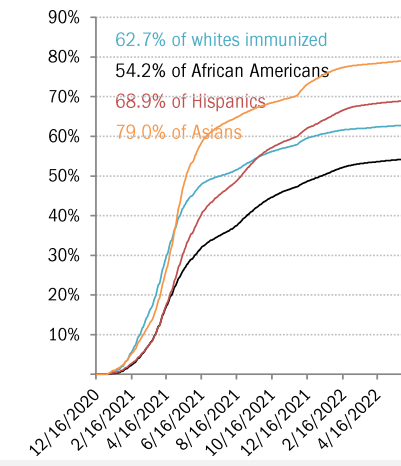
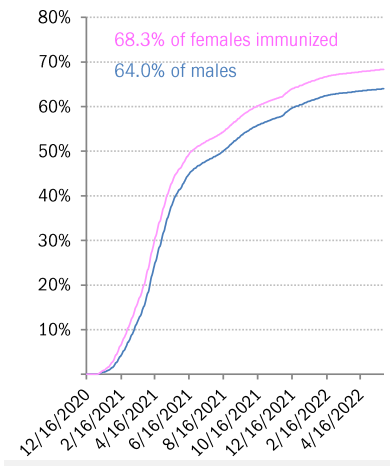
AK
70.0%
62.7%

WI
72.1%
65.8%

ME
91.1%
80.1%

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
81.1%	61.9%	65.5%	65.8%	75.4%	76.5%	67.2%	90.6%	94.0%	88.9%	
72.9%	55.6%	57.0%	55.8%	69.5%	69.1%	60.4%	77.4%	81.6%	71.1%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
78.2%	75.6%	58.3%	77.1%	68.2%	61.7%	63.8%	85.5%	90.9%	95.0%	
69.9%	61.1%	51.1%	62.0%	62.2%	55.2%	59.0%	69.0%	76.1%	79.5%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.5%	72.3%	79.7%	70.5%	66.5%	66.4%	65.3%	86.1%	86.9%	95.0%	95.0%
72.6%	64.5%	70.5%	63.8%	56.4%	57.6%	57.8%	73.6%	76.1%	79.7%	83.2%
AZ	NM	KS	AR	TN	NC	SC	DC	DE		
73.6%	88.3%	74.8%	67.0%	62.4%	85.0%	68.0%	95.0%	83.7%		
62.0%	71.6%	61.8%	54.7%	54.8%	61.9%	57.4%	78.4%	69.7%		
OK	LA	MS	AL	GA						
71.4%	61.2%	59.8%	63.0%	65.7%						
57.6%	53.7%	52.0%	51.4%	55.1%						
TX										
73.7%										
61.9%										
HI							FL		PR	
87.8%							79.7%		95.0%	
78.6%							67.3%		83.4%	

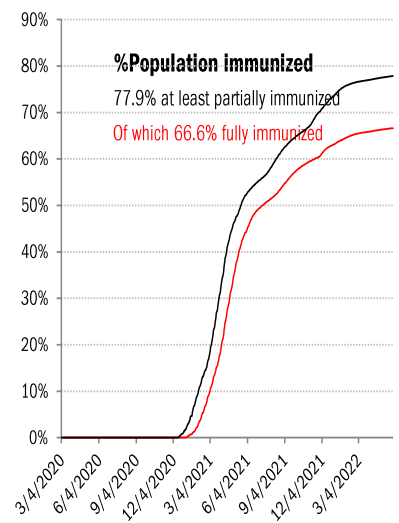
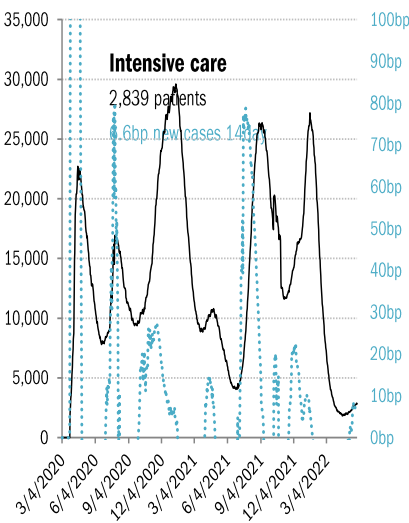
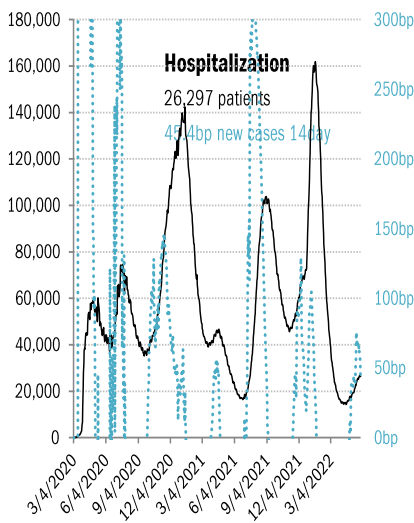
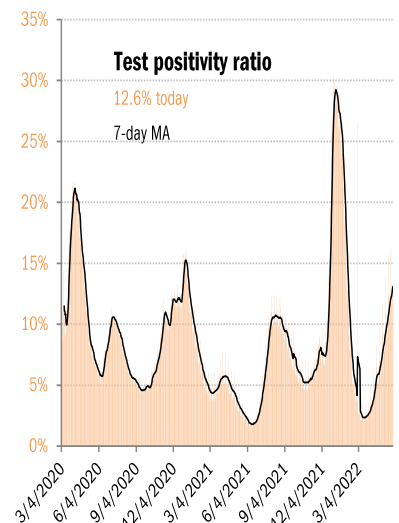
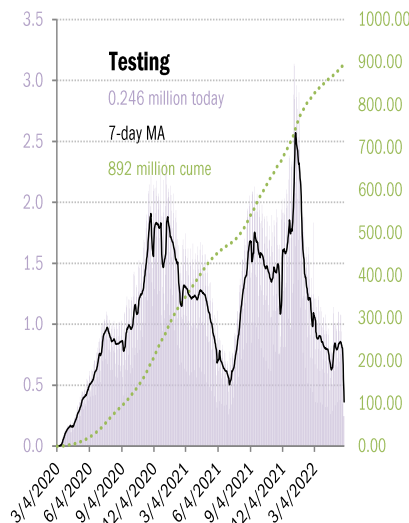
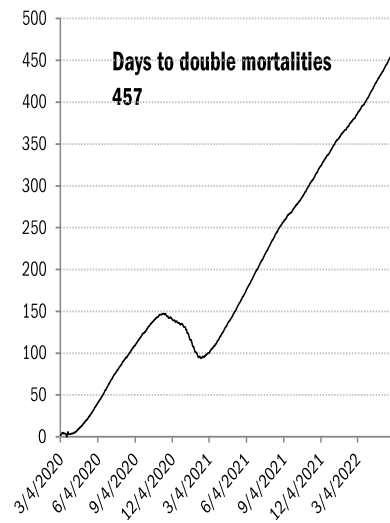
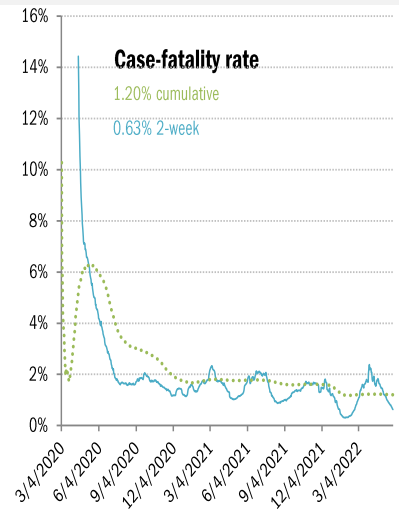
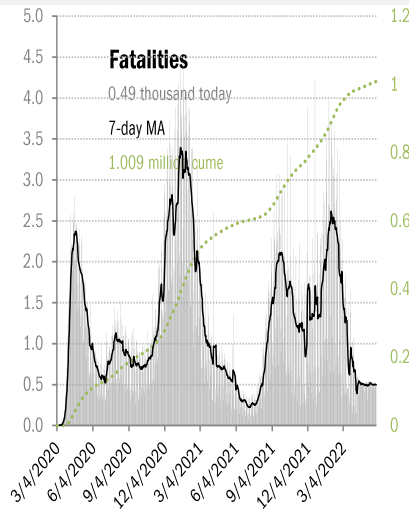
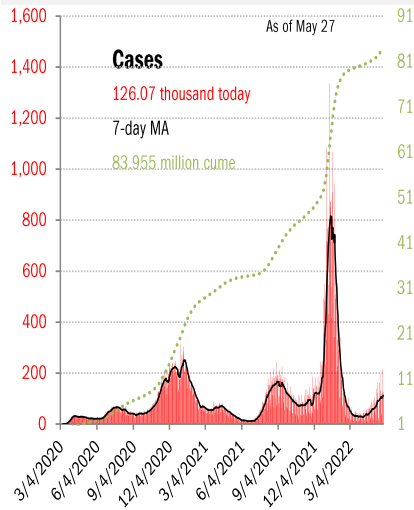
The demographics of US vaccination



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

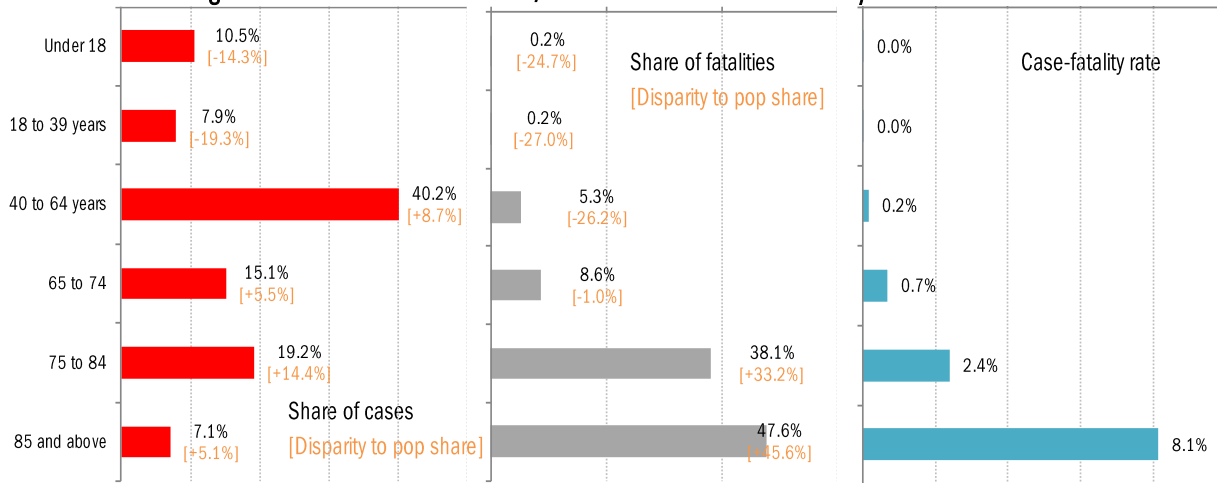
US deep-dive

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

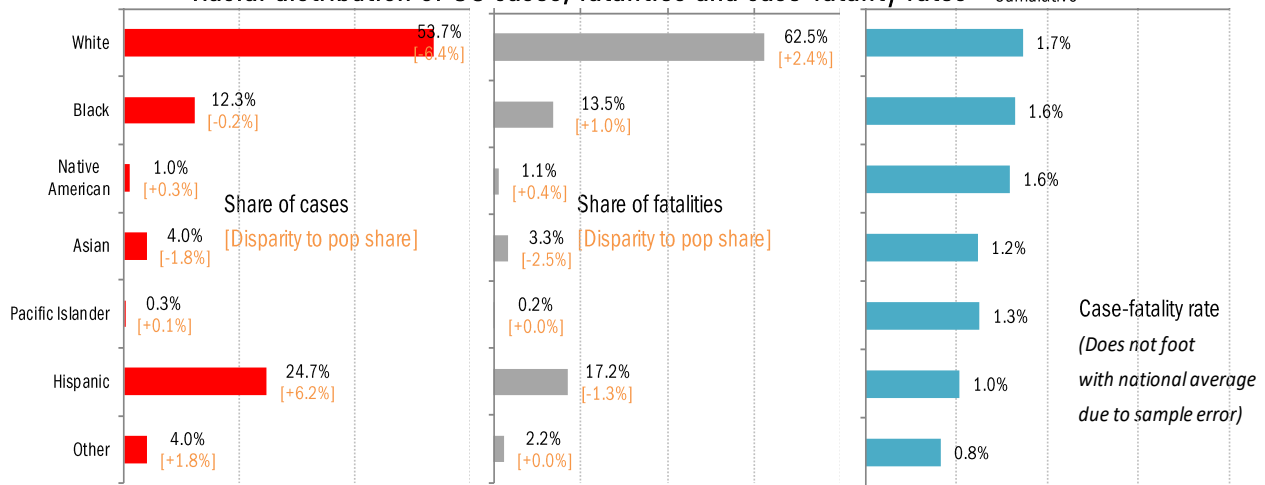


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

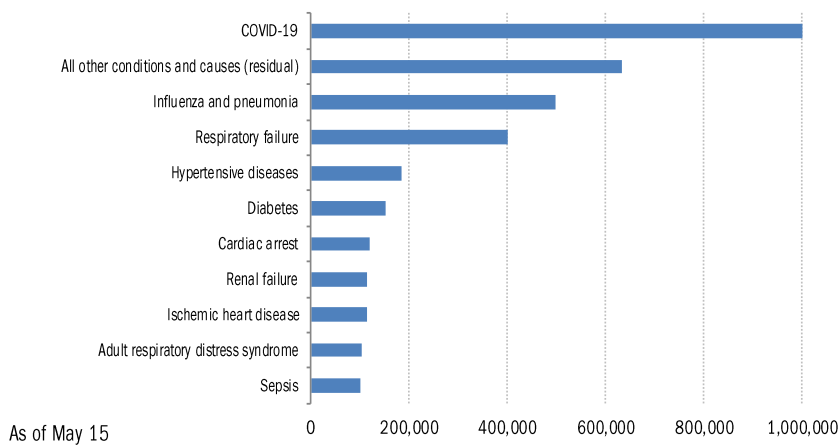


Racial distribution of US cases, fatalities and case-fatality rates



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

['The world doesn't care': Homeless deaths spiked during pandemic, not from COVID. From drugs.](#)

Christal Hayes
USA Today
May 28, 2022

[Prof. David Heymann: is monkeypox the new Covid?](#)

Freddie Sayers
UnHerd
May 27, 2022

[COVID derailed learning for 1.6 billion students. Here's how schools can help them catch up](#)

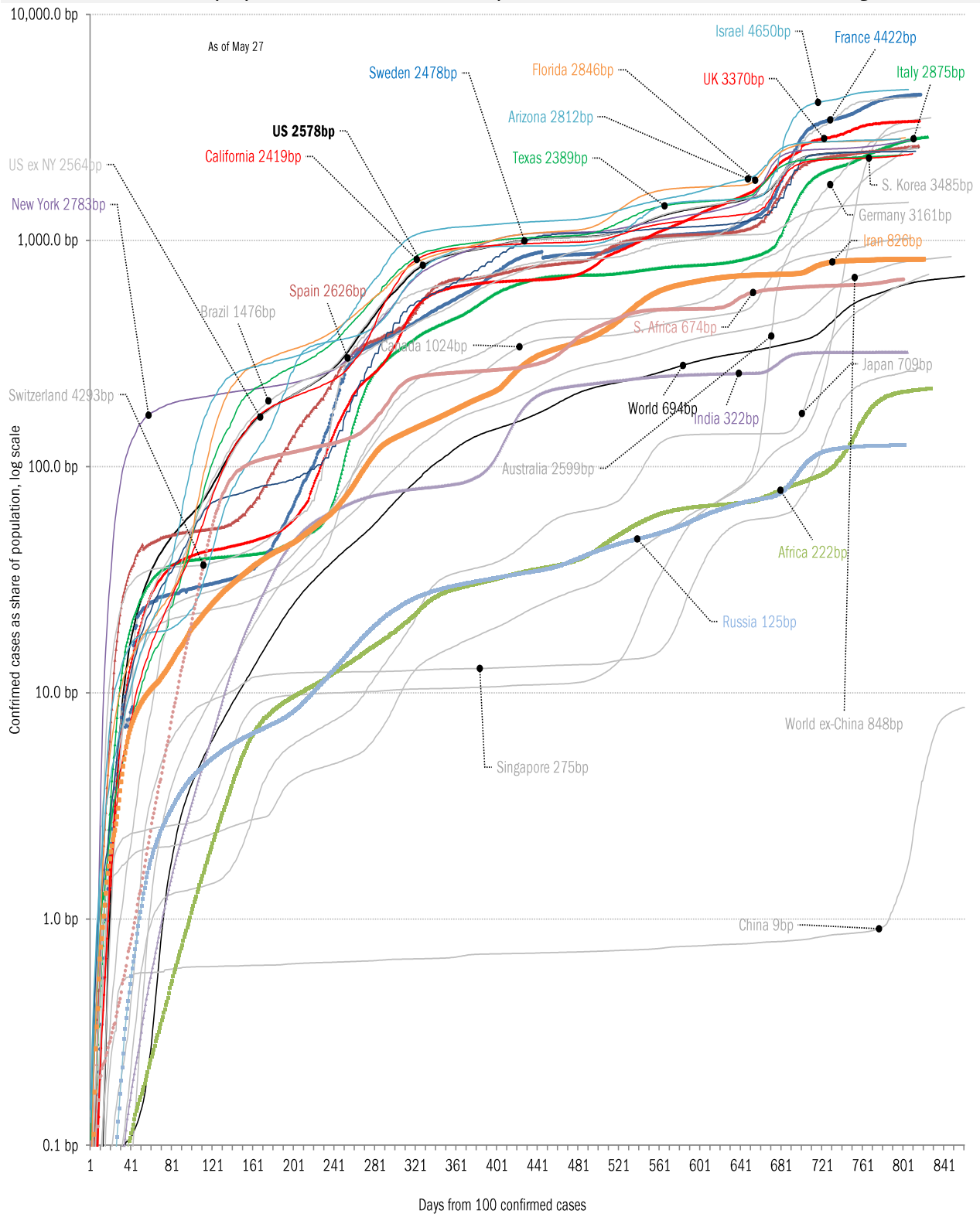
Helen Pearson
Nature
May 25, 2022

Meme of the day



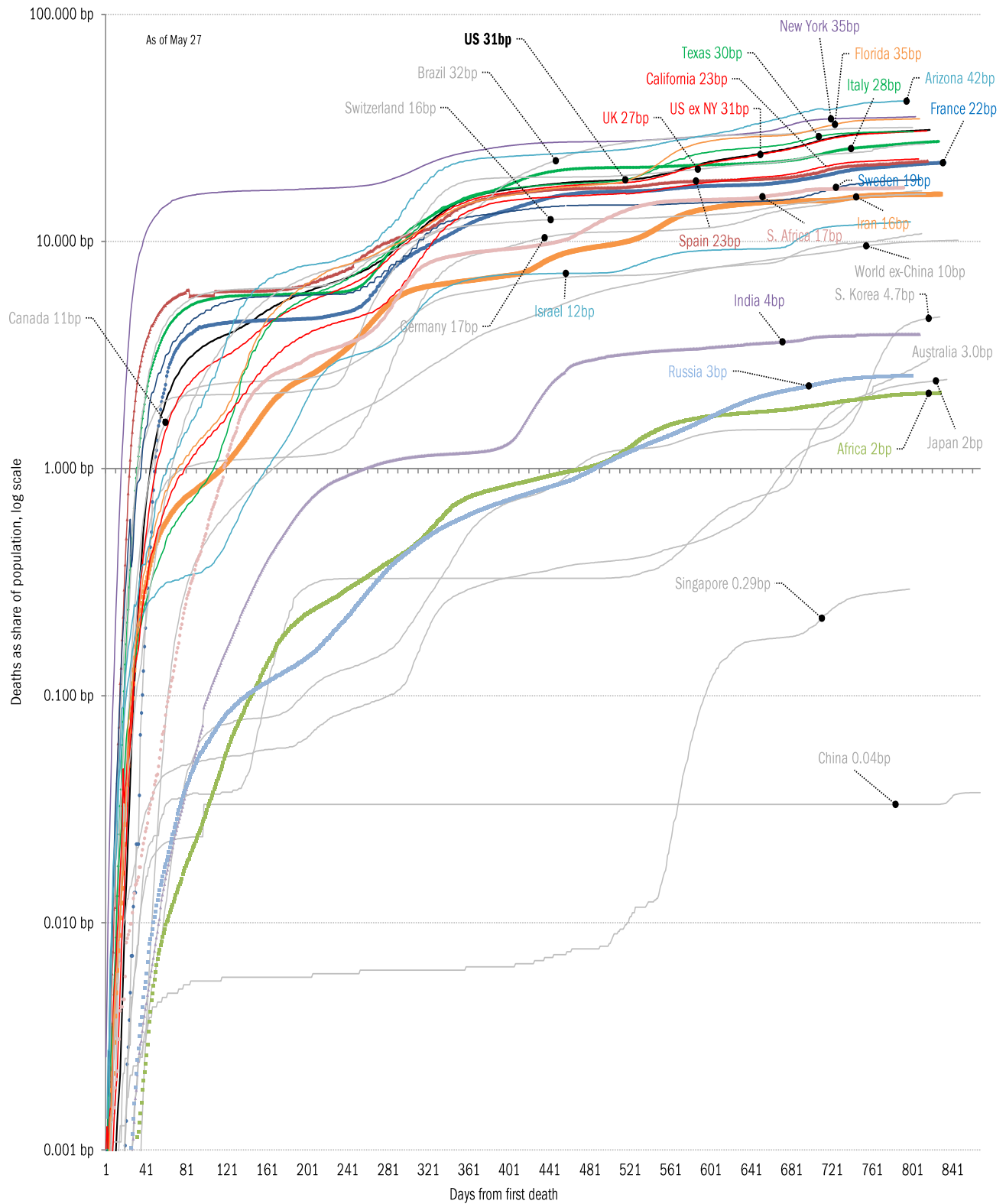
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

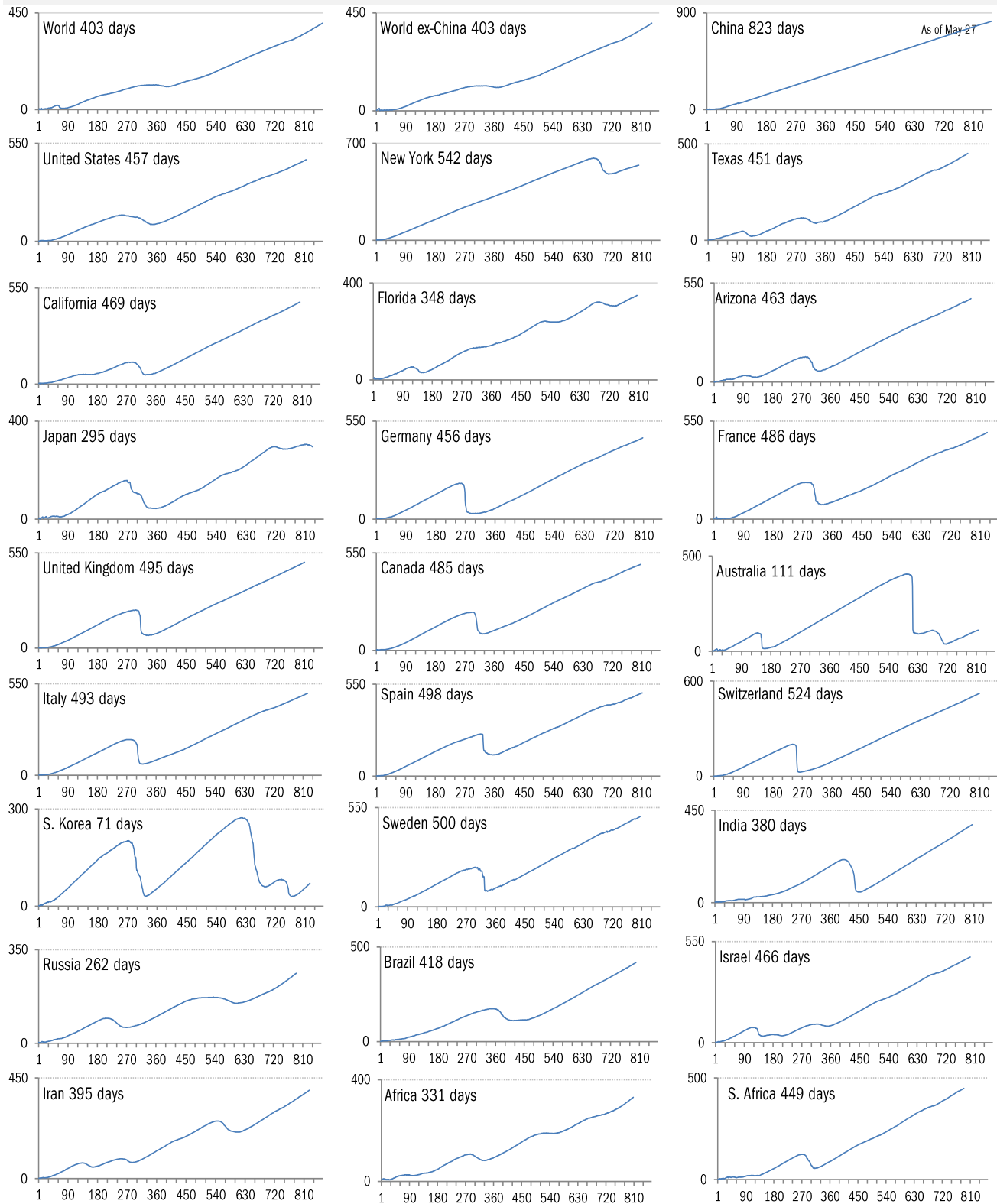


Source: [Johns Hopkins](#), TrendMacro calculations

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

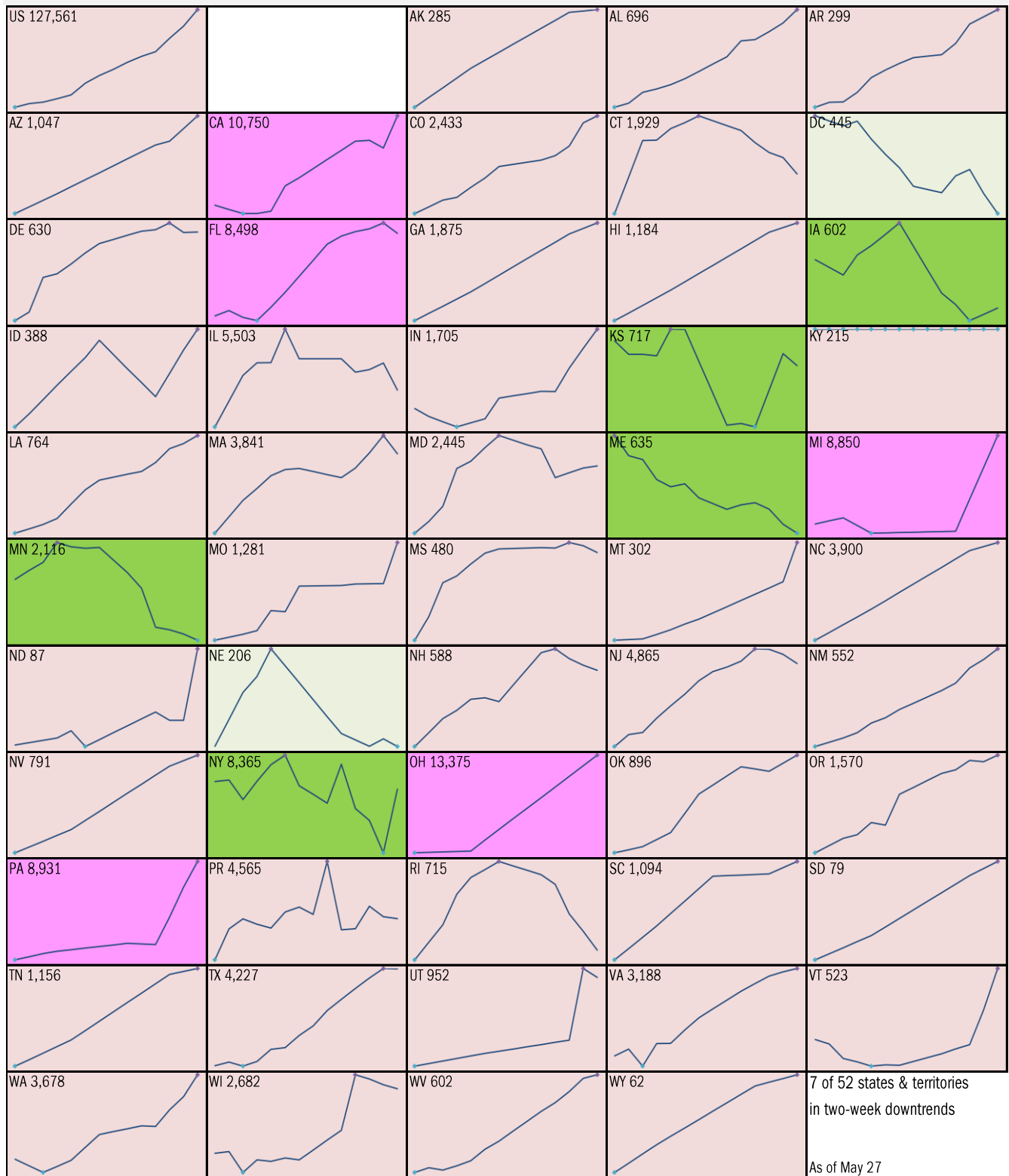


Source: [Johns Hopkins](#), TrendMacro calculations

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

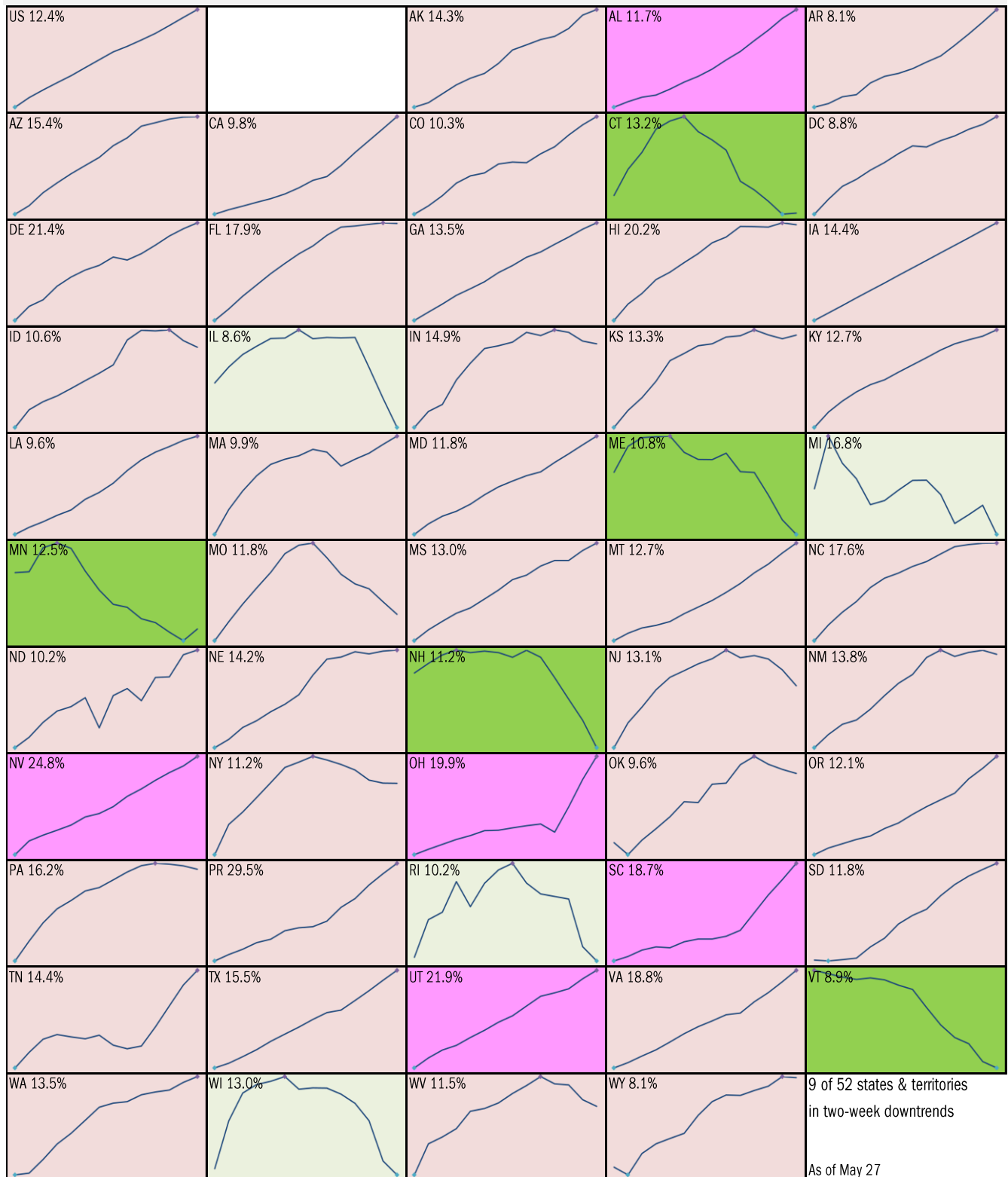


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

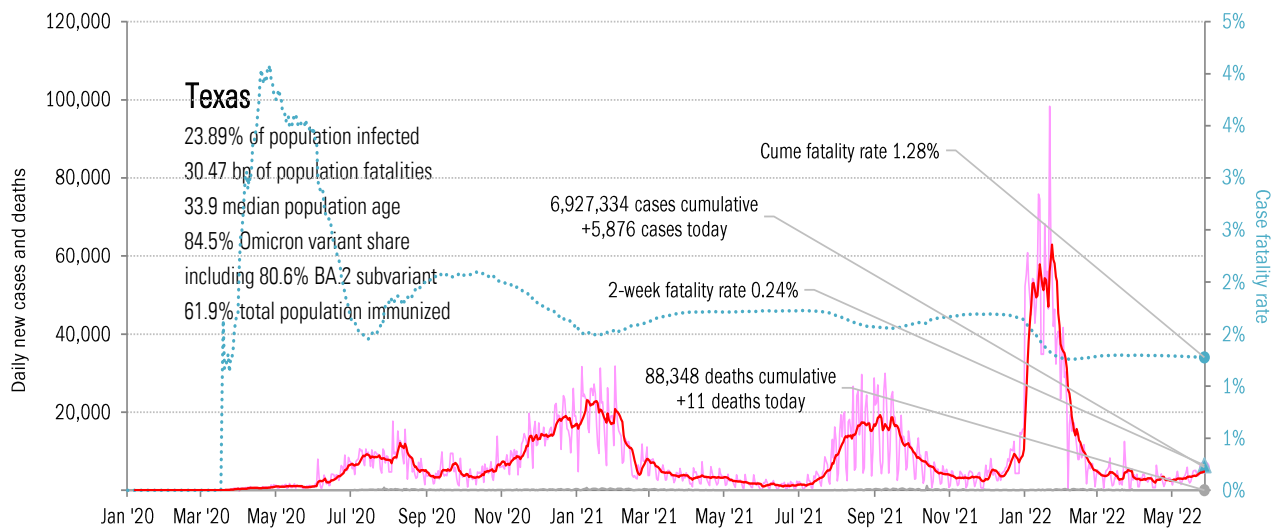
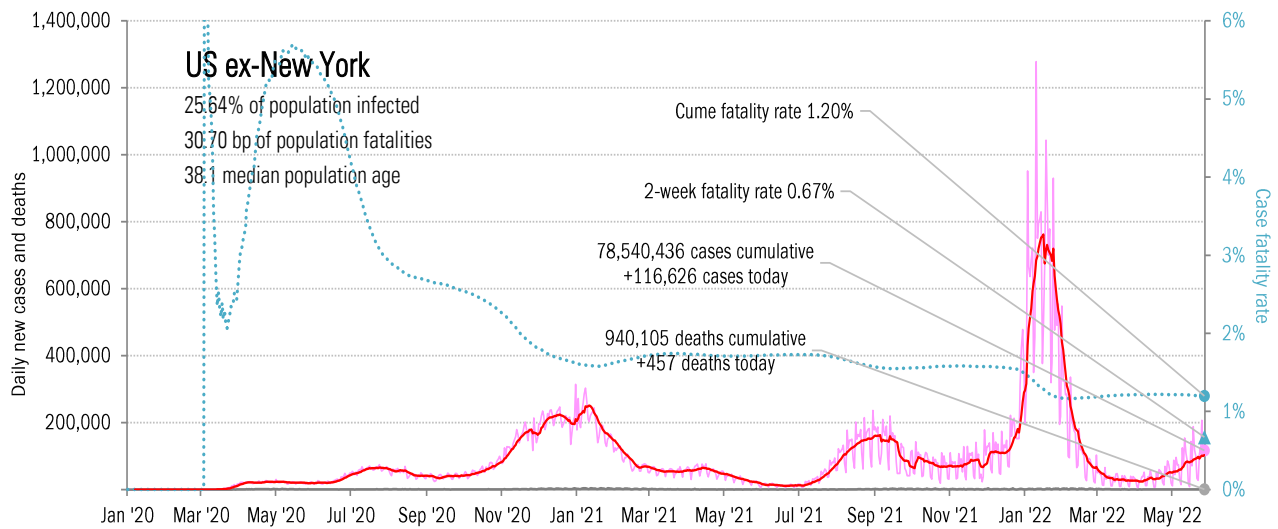
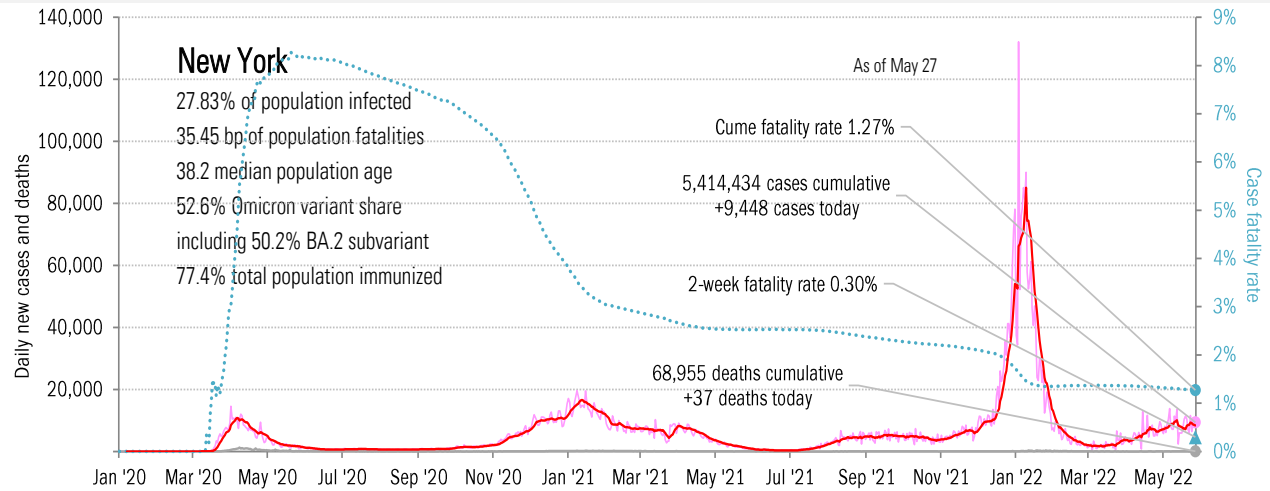
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

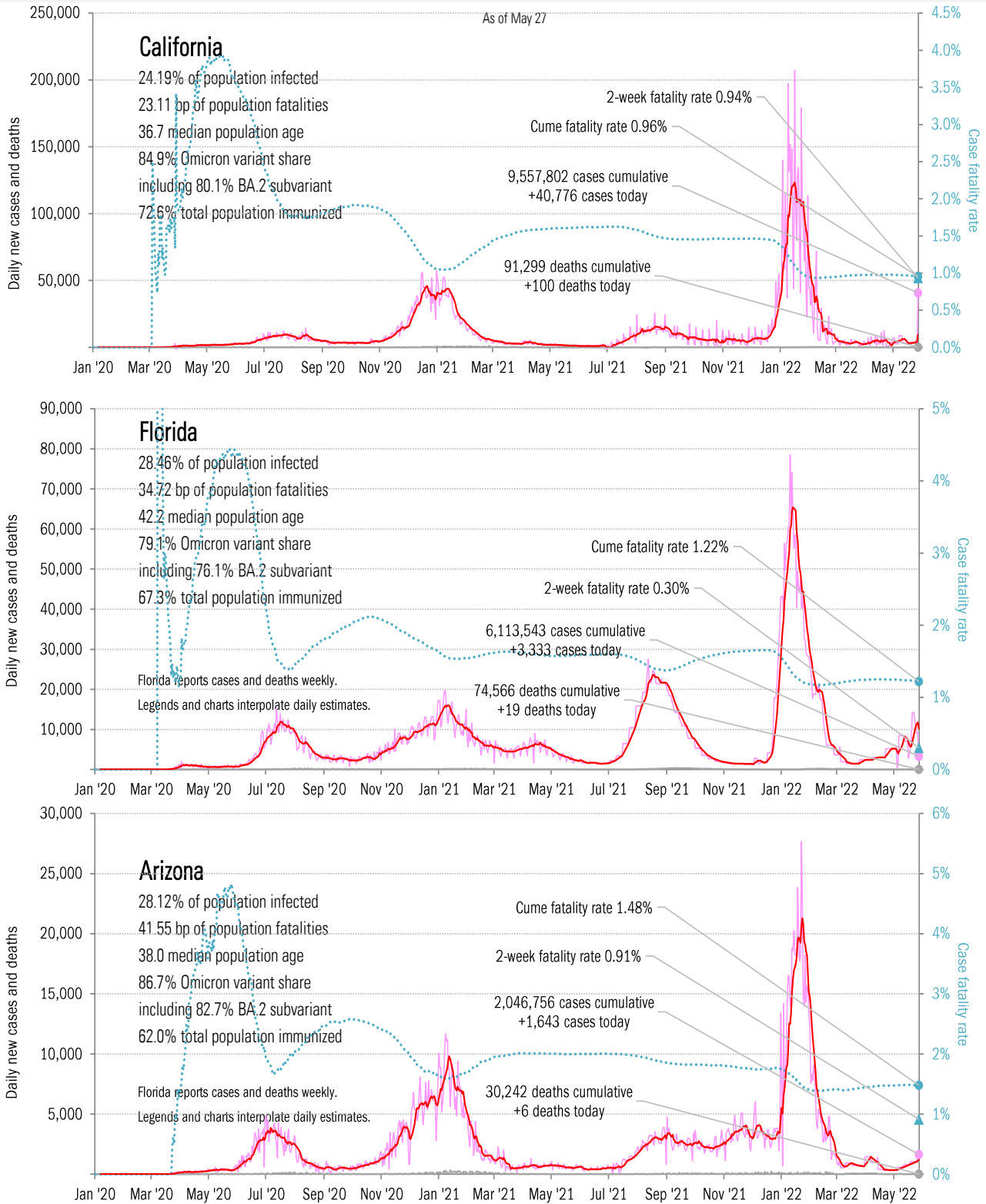
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

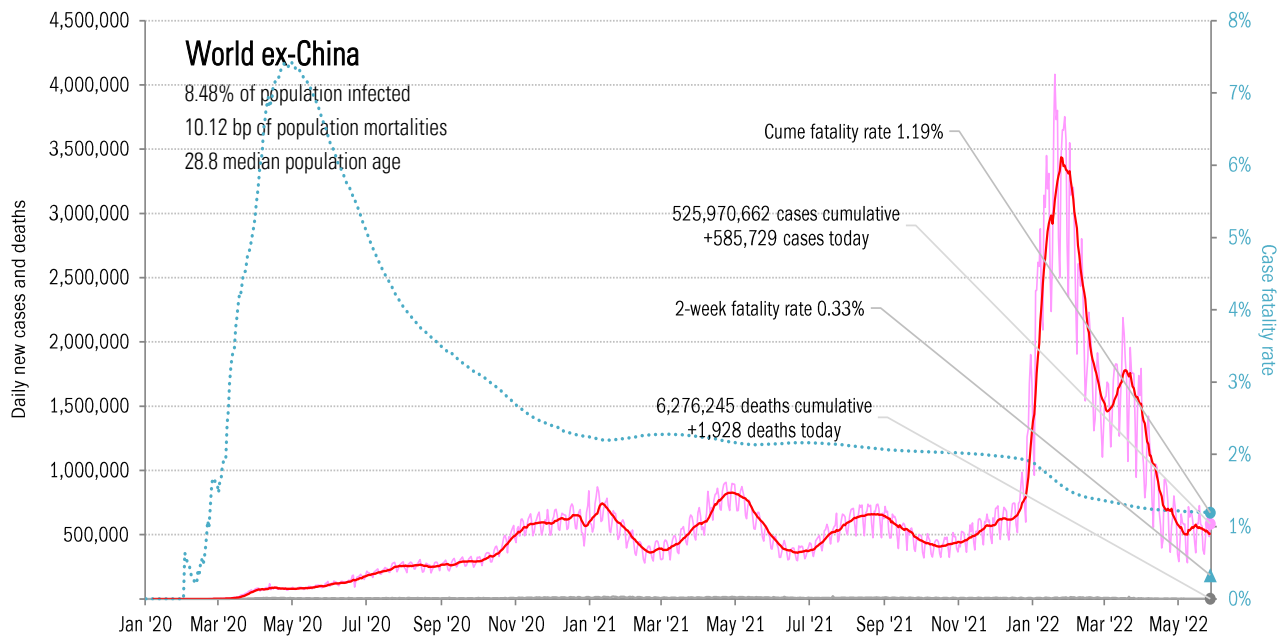
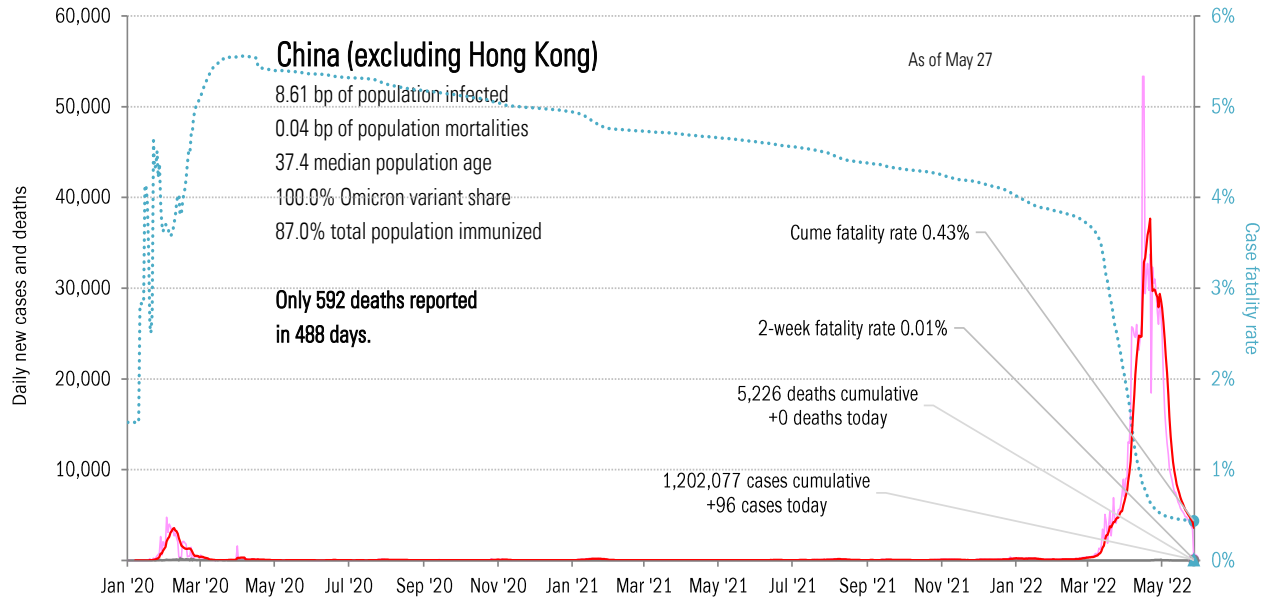
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

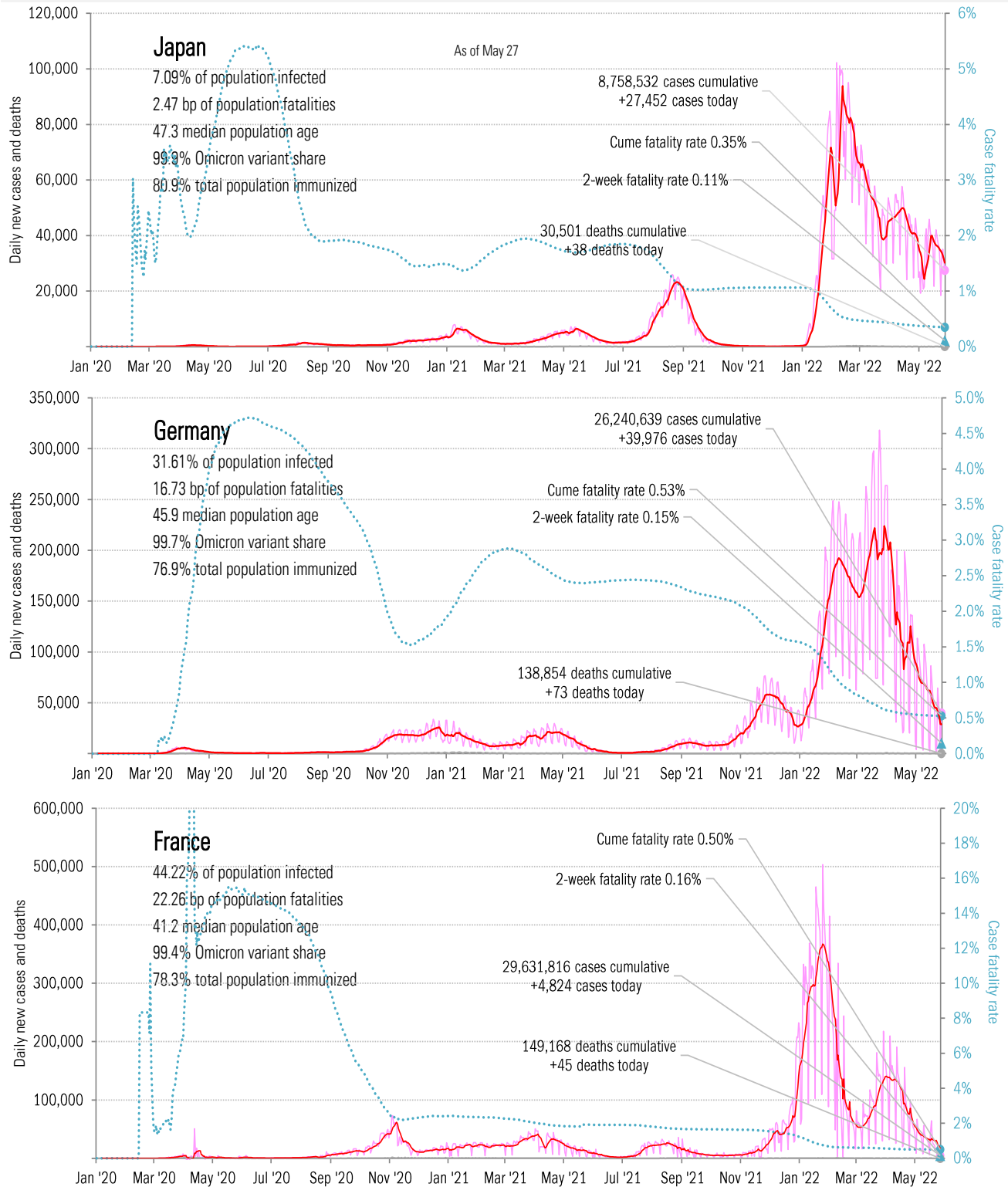
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

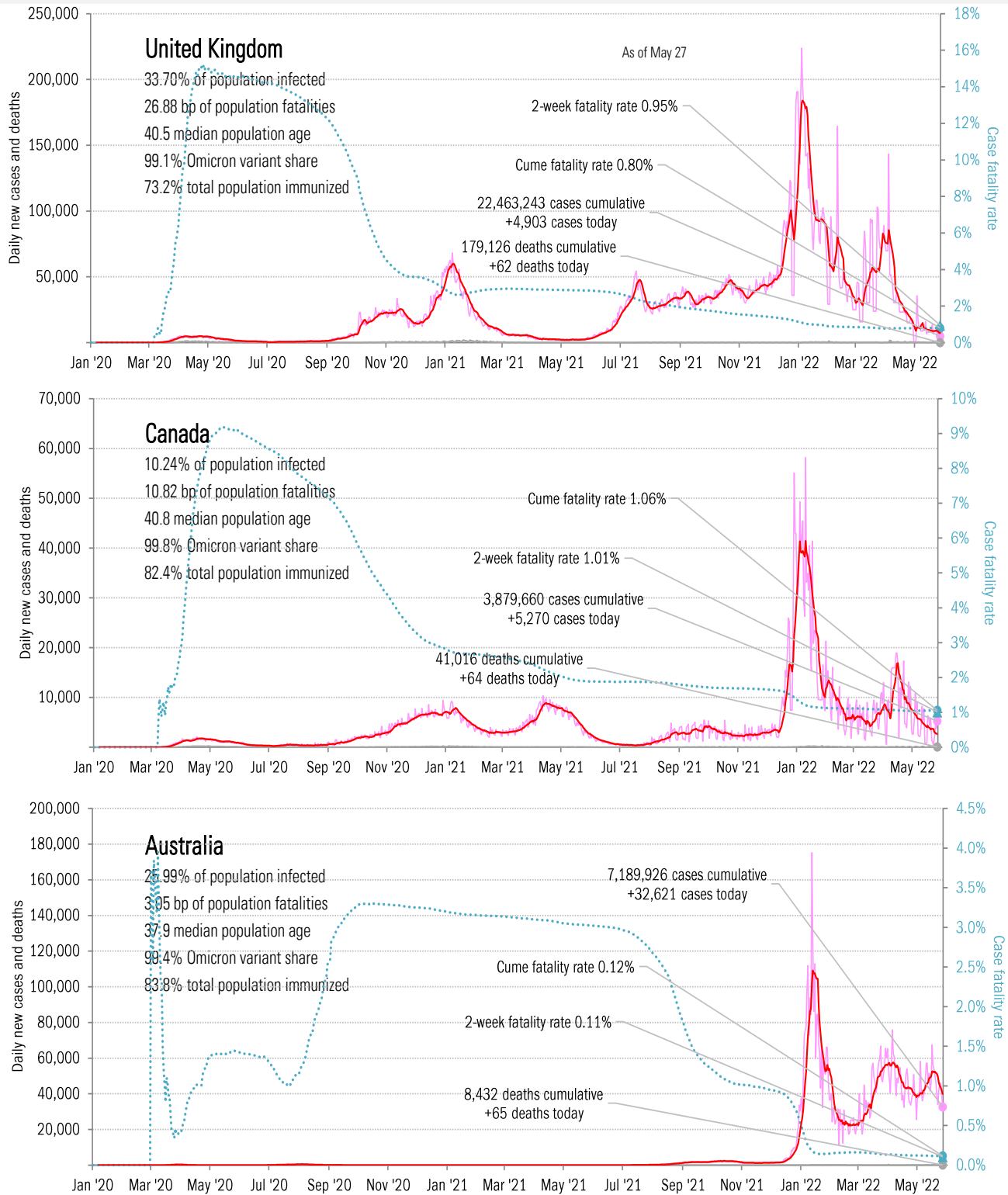
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

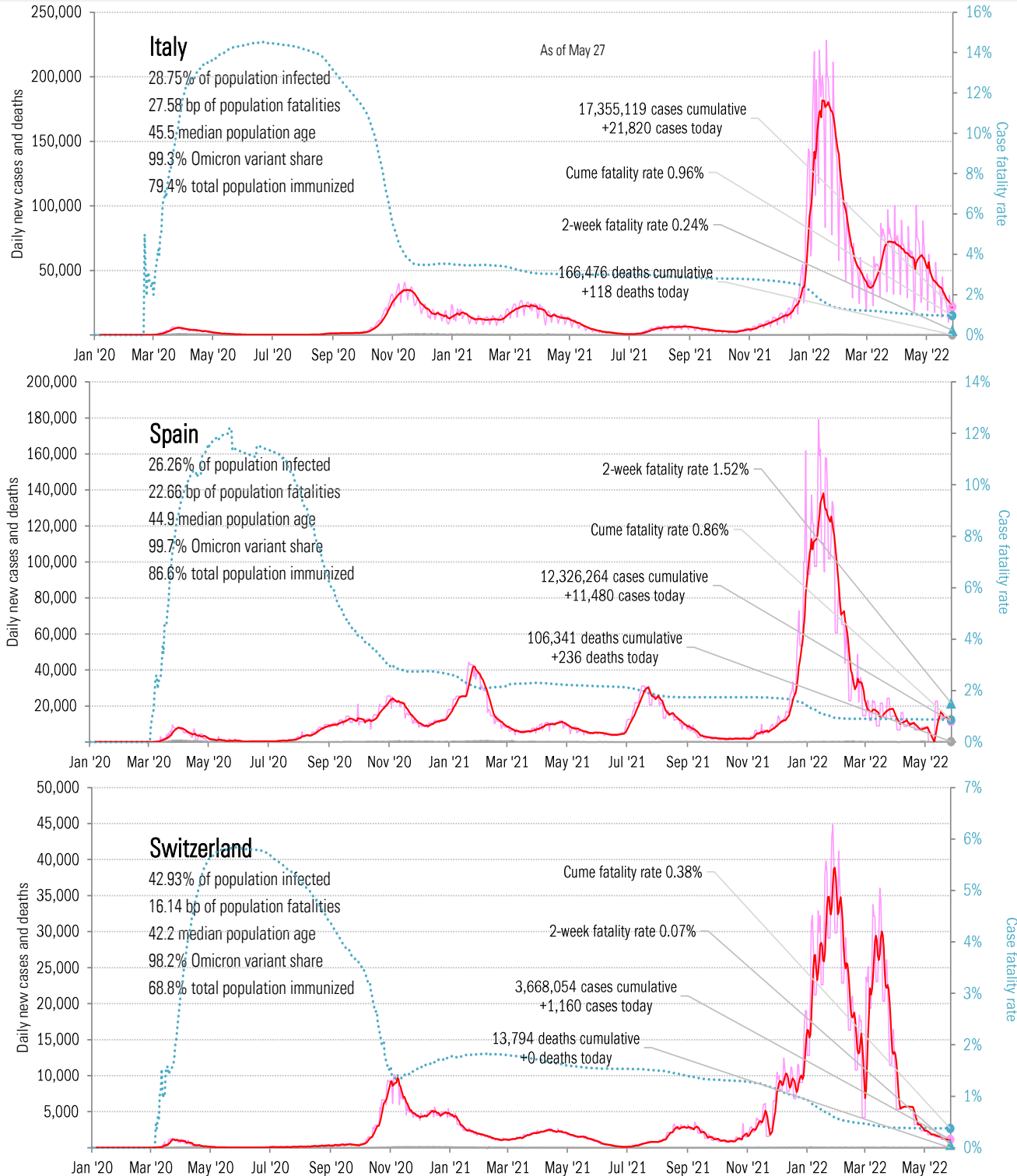
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

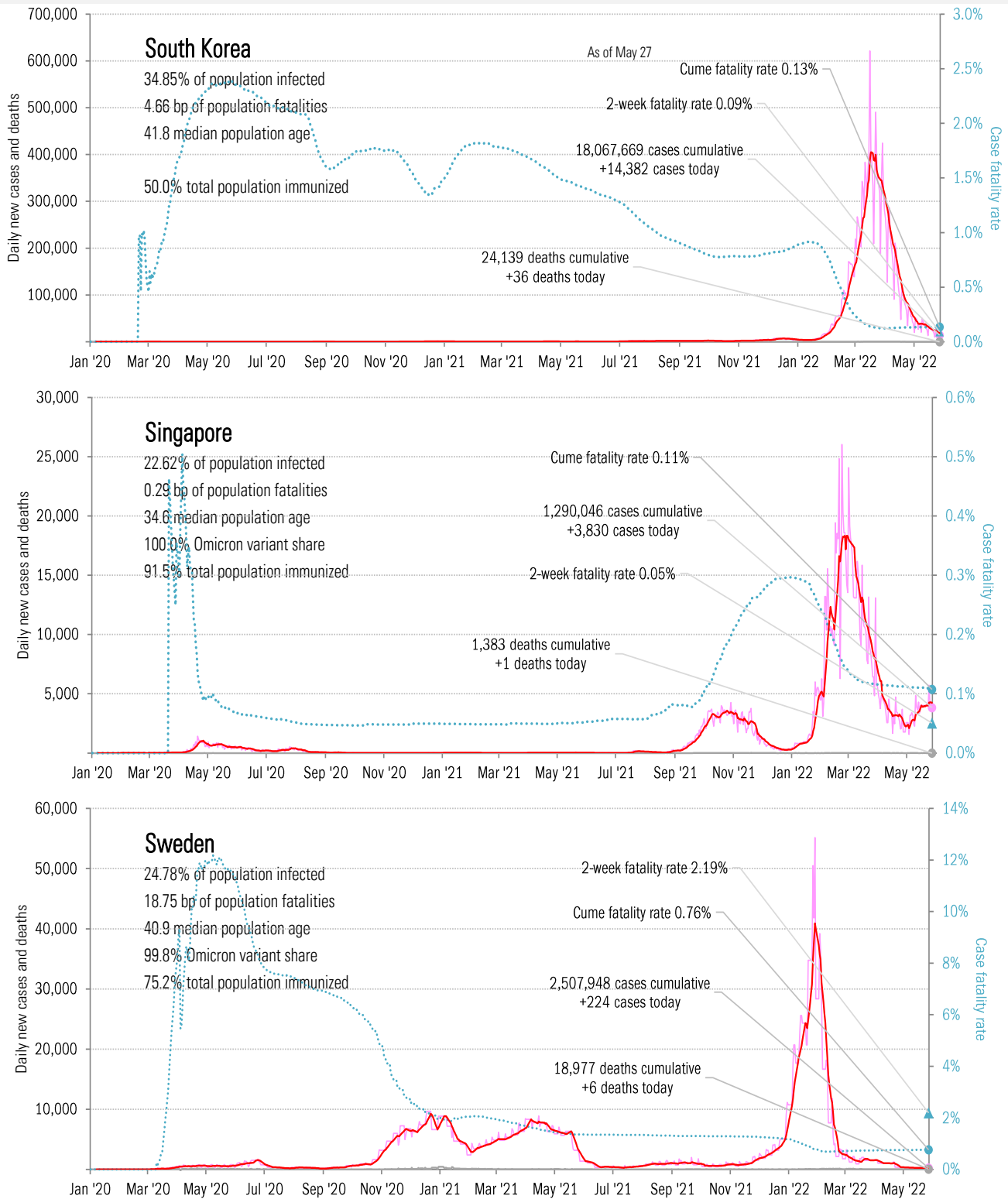
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

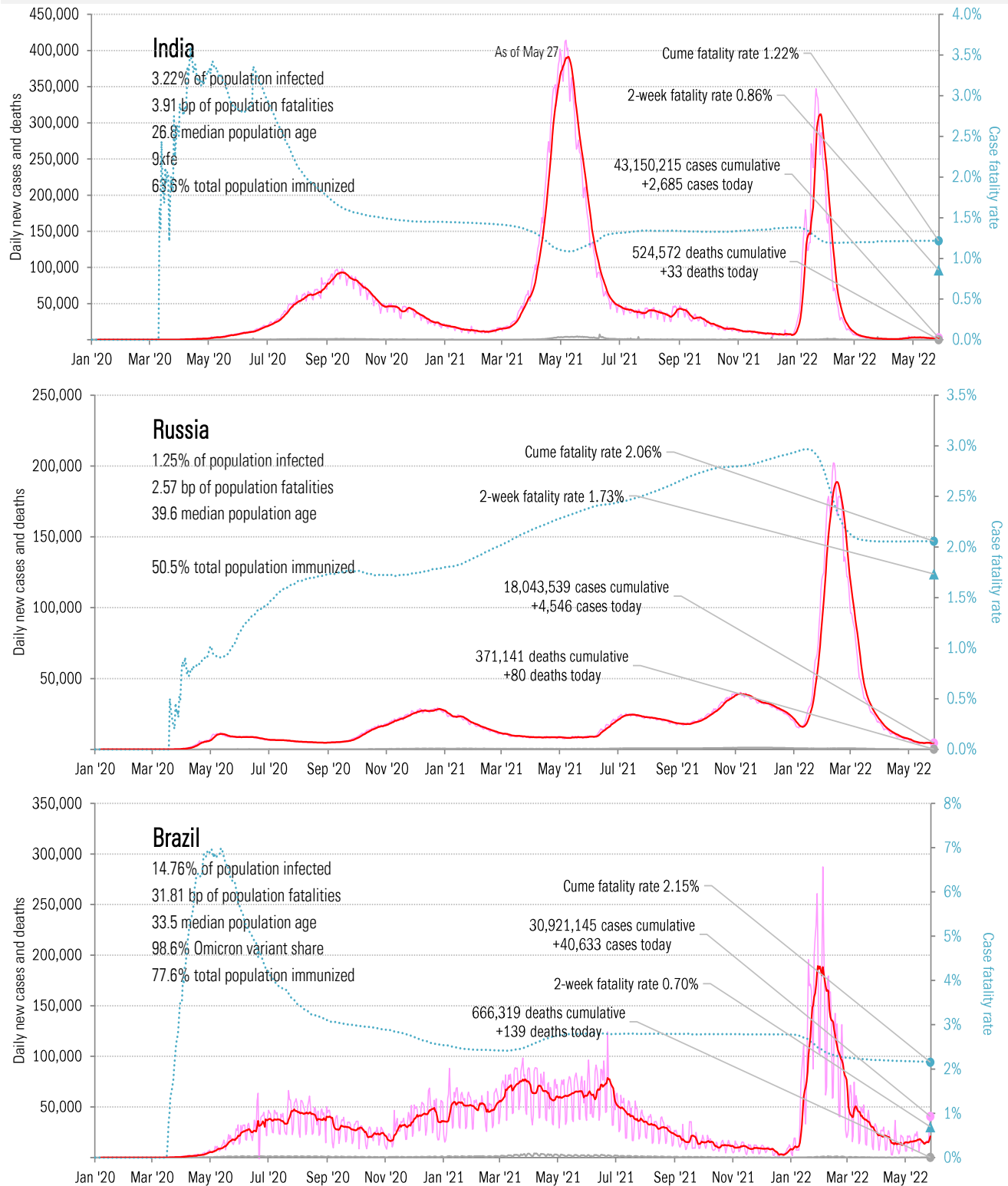
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

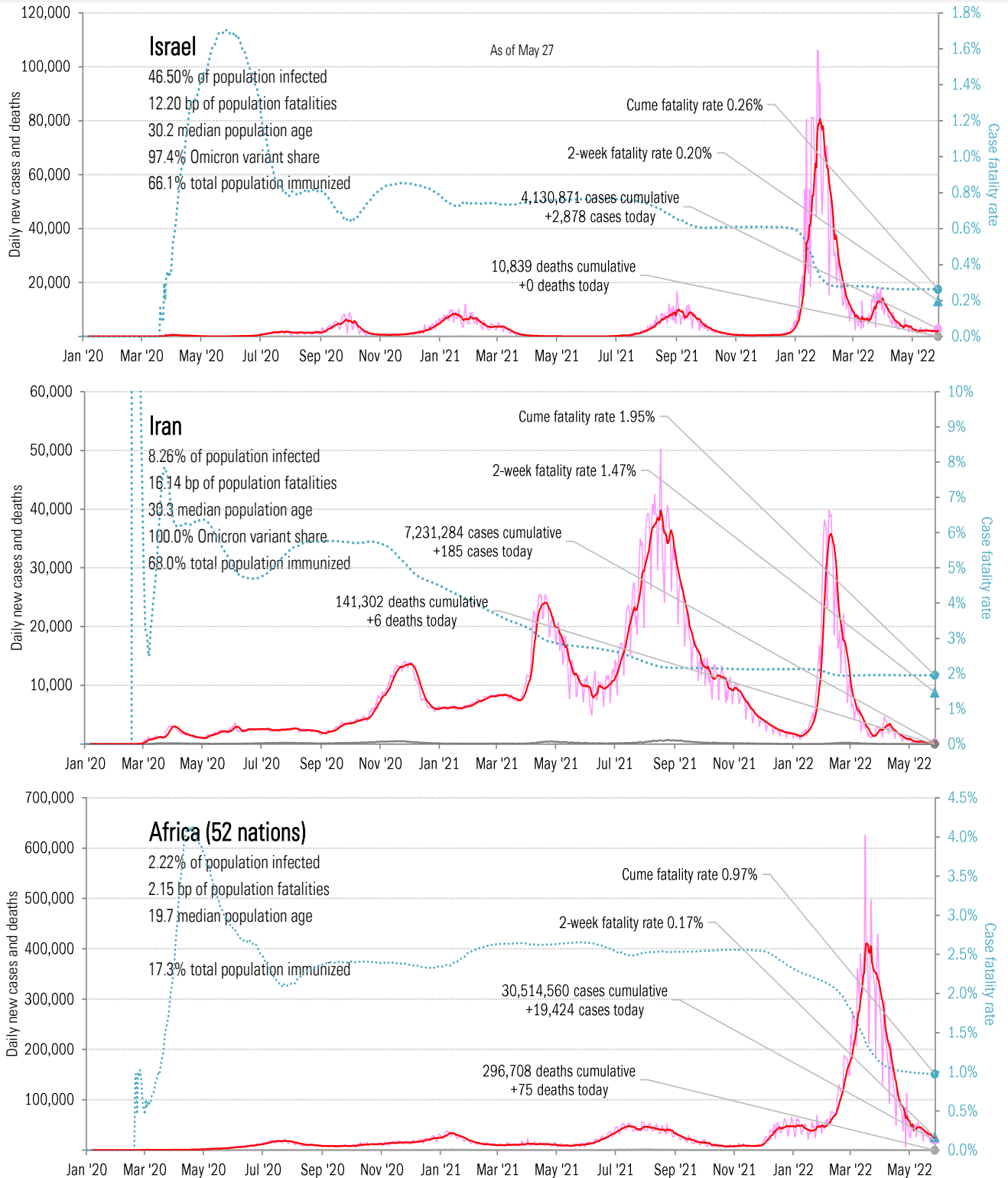
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

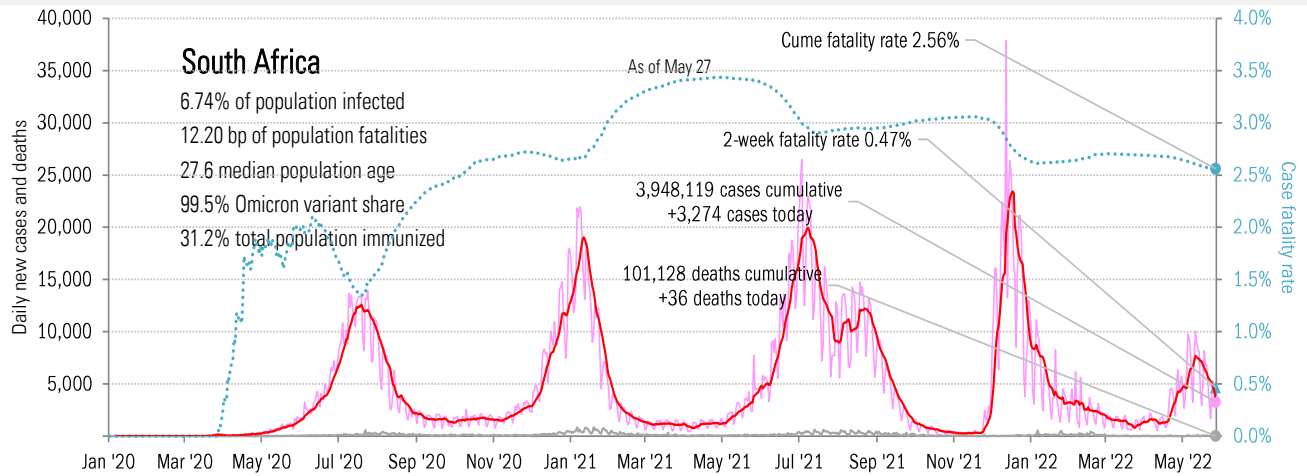
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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