

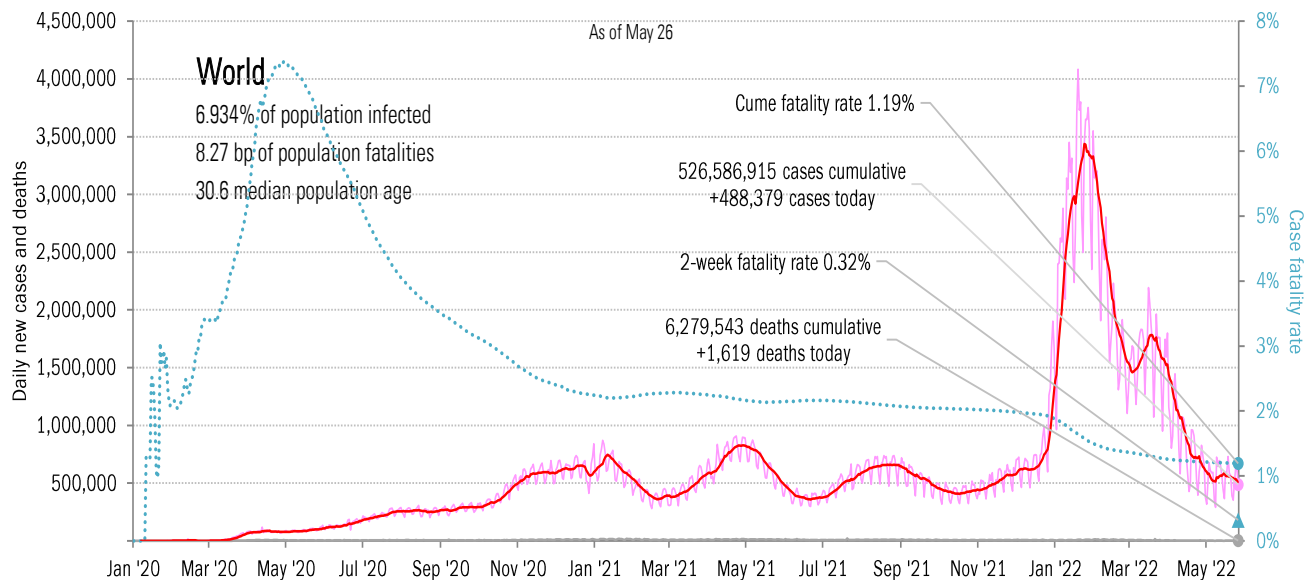
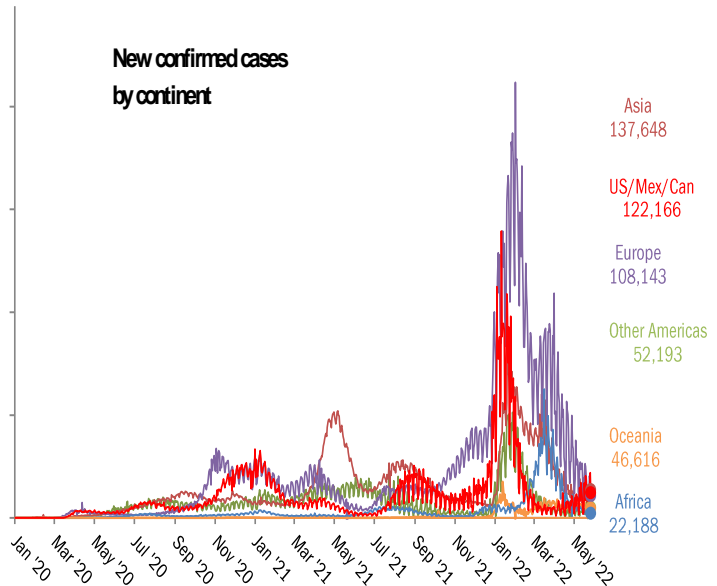
Data Insights: Covid-2019 Monitor

Friday, May 27, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
United States	118,379	United States	491
Taiwan*	81,891	Spain	158
Spain	42,272	Finland	116
Australia	39,563	Canada	114
Japan	30,912	Taiwan*	104
Brazil	29,321	Italy	94
France	21,234	United Kingdom	91
Italy	20,867	Russia	89
Korea, South	16,567	South Africa	49
Finland	10,968	Japan	42
411,974		1,348	
World	488,379	World	1,619
Top ten	84%	Top ten	83%



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

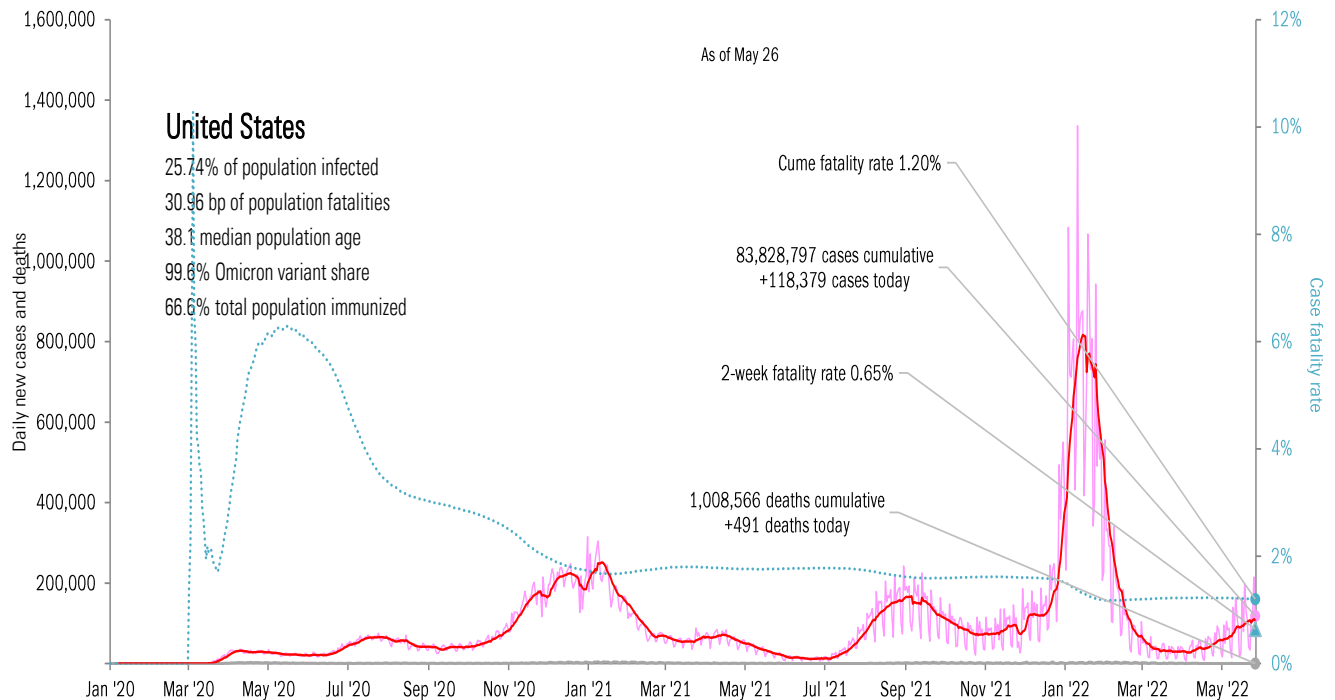
The ten worst US states

New cases			New deaths		New in hospital		Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CH	19,546		CK	40	FL	398	CA	9,517,026	CA	91,199	TX	493,466	RI	91%	AK	84%			
CO	12,607		CH	38	CA	376	TX	6,921,458	TX	88,337	CA	433,330	MA	88%	DE	84%			
NY	9,889		NM	24	PA	201	FL	6,110,210	FL	74,546	FL	424,075	MN	85%	AL	84%			
FL	9,182		CA	23	LA	63	NY	5,404,986	NY	68,918	NY	261,105	NH	84%	DC	83%			
IL	6,358		FL	20	NJ	156	IL	3,280,718	PA	45,147	GA	208,117	PA	84%	RI	83%			
CA	6,145		NY	17	GA	97	PA	2,907,324	CH	38,628	CH	194,856	WA	84%	NH	83%			
TX	5,880		MA	15	MA	152	CH	2,763,123	GA	38,198	PA	181,206	MD	84%	TX	82%			
UT	5,611		NJ	14	MD	92	NC	2,744,935	MI	36,357	IL	162,249	DC	83%	NM	81%			
FR	5,514		UT	12	WA	149	GA	2,556,044	IL	36,231	MI	145,997	GA	83%	WA	81%			
NJ	5,471		VA	12	AL	40	MI	2,527,831	NJ	33,665	KY	134,006	DE	83%	MA	80%			
86,203			215		1,724		44,733,655			551,226			2,639,407						
All states	118,379		491		3,878		All states	83,828,797	1,008,566			4,793,014			All states	70%	67%		
Top ten	73%		44%		44%		Top ten	53%	55%			55%			Median	77%	73%		

Some states not reporting

Five most improved US states

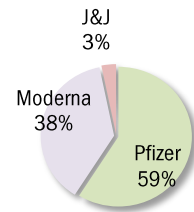
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NC	-29,137	PA	-249	MN	-60	CT	+10 bp
PA	-27,299	MI	-139	CA	-37	ID	+10 bp
MI	-25,968	KS	-136	CO	-31	NC	+10 bp
GA	-14,331	FL	-128	TX	-31	PA	+10 bp
TN	-9,004	TN	-114	FL	-25	SD	+10 bp



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	601,456,076		+0.301 million		US	66.6%	77.8%	
Boosters	44,898,800		+0.018 million		UK	73.2%	78.3%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.3%	80.7%
Total population	266,228,498	80%	227,456,820	68%	+0.039 million	Spain	86.6%	88.2%
Age 12 to 17	17,784,390	70%	15,235,061	60%	+0.004 million	Germany	76.9%	76.9%
Age 18 to 64	178,879,627	88%	152,173,386	75%	+0.022 million	Italy	79.4%	84.1%
Age 65 and over	59,109,162	100%	51,597,775	94%	+0.010 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	63.5%	72.5%
						Brazil	77.5%	85.8%
						China	86.9%	89.3%



State	Immunity
AK	70.0%
	62.7%

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

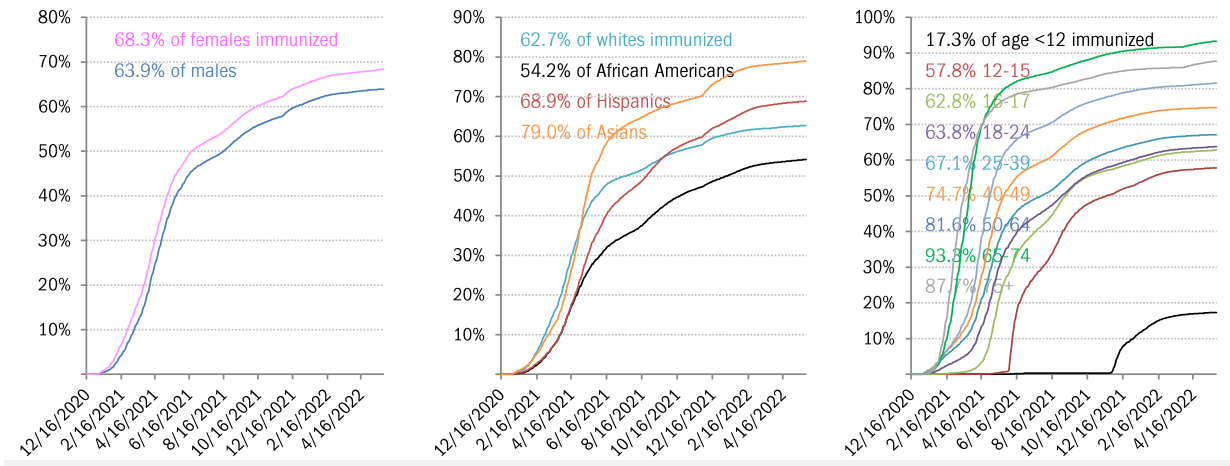
"Immunity" = two doses

Global data differs due to sources, timing

As of May 26

					WI						ME
					72.1%						91.1%
					65.8%						80.0%
WA	ID	MT	ND	MN	IL	MI		NY	VT		NH
81.1%	61.9%	65.5%	65.8%	75.4%	76.4%	67.2%		90.6%	94.0%		88.9%
72.9%	55.6%	57.0%	55.8%	69.4%	69.1%	60.4%		77.4%	81.6%		71.0%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA		
78.2%	75.6%	58.3%	77.1%	68.2%	61.7%	63.8%	85.4%	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%	66.4%	66.4%	65.3%	86.1%	86.9%	95.0%	95.0%	
72.5%	64.5%	70.5%	63.8%	56.3%	57.6%	57.8%	73.6%	76.0%	79.7%	83.1%	
	AZ	NM	KS	AR	TN	NC	SC	DC	DE		
	73.6%	88.3%	74.8%	67.0%	62.4%	84.9%	68.0%	95.0%	83.6%		
	61.9%	71.5%	61.8%	54.7%	54.7%	61.9%	57.3%	78.4%	69.6%		
			OK	LA	MS	AL	GA				
			71.4%	61.2%	59.8%	63.0%	65.7%				
			57.6%	53.7%	52.0%	51.3%	55.0%				
			TX					FL		PR	
			73.7%					79.7%		95.0%	
			61.9%					67.3%		83.3%	

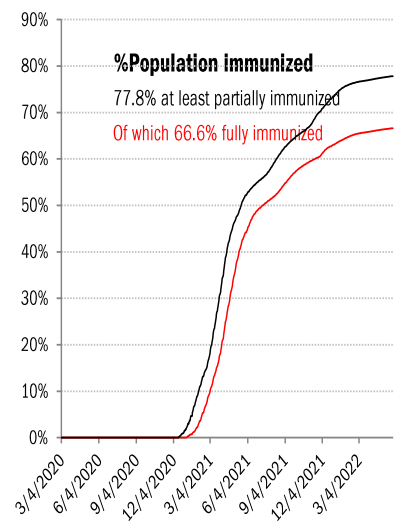
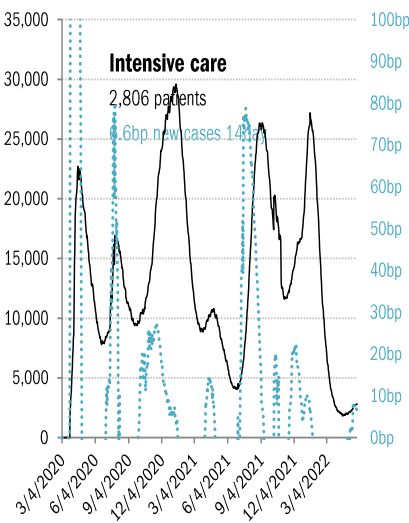
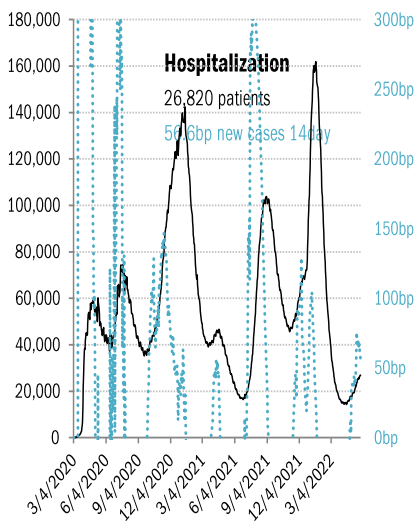
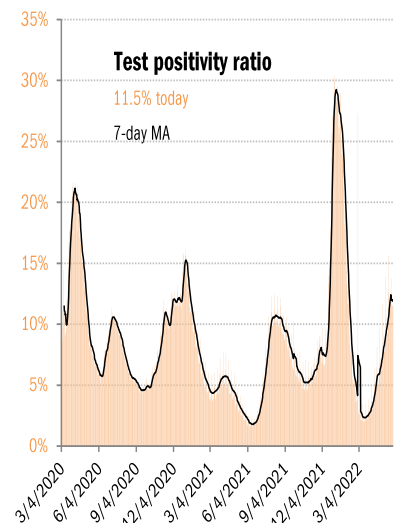
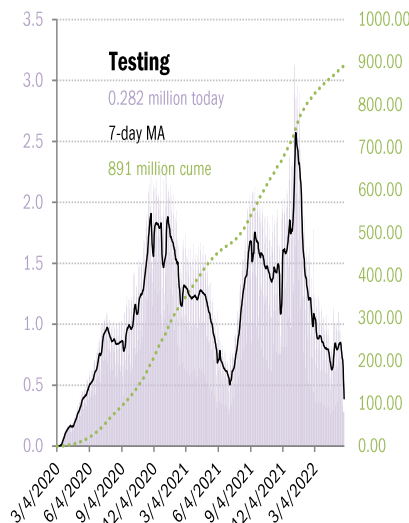
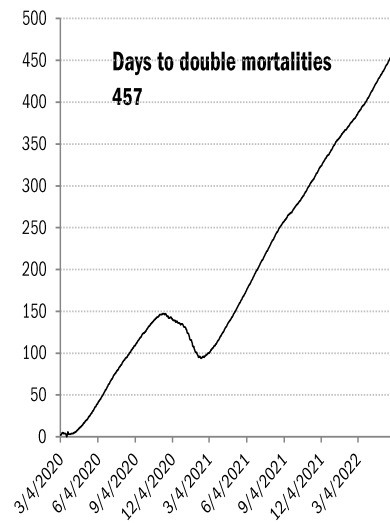
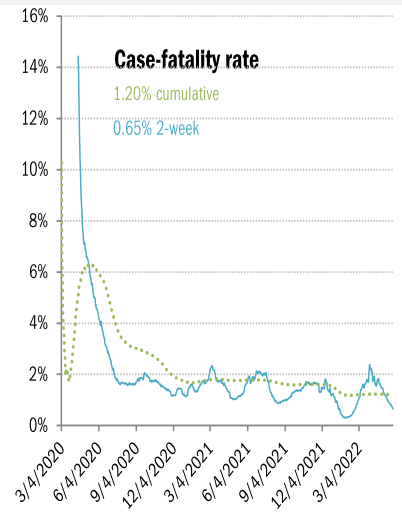
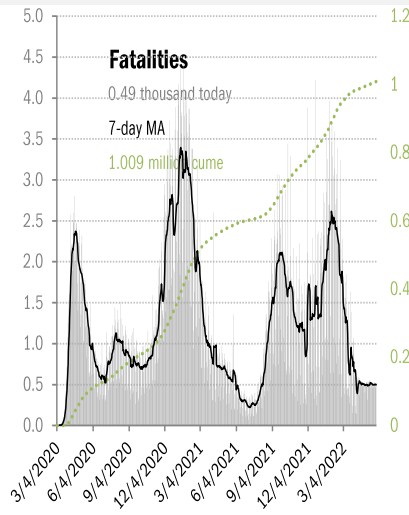
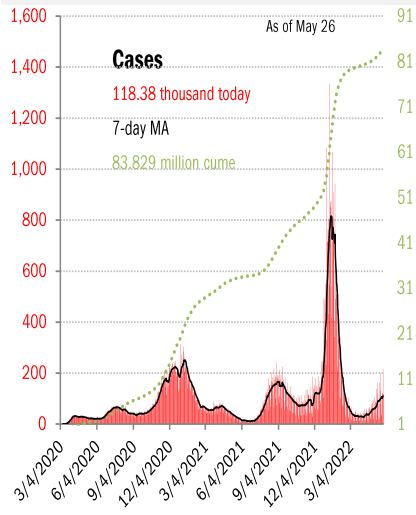
The demographics of US vaccination



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

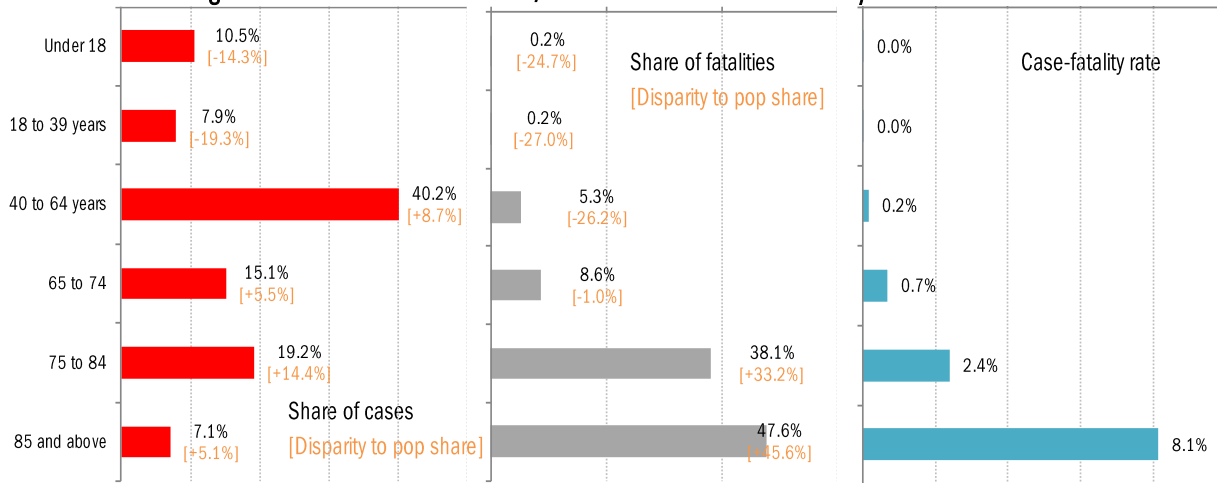
US deep-dive

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

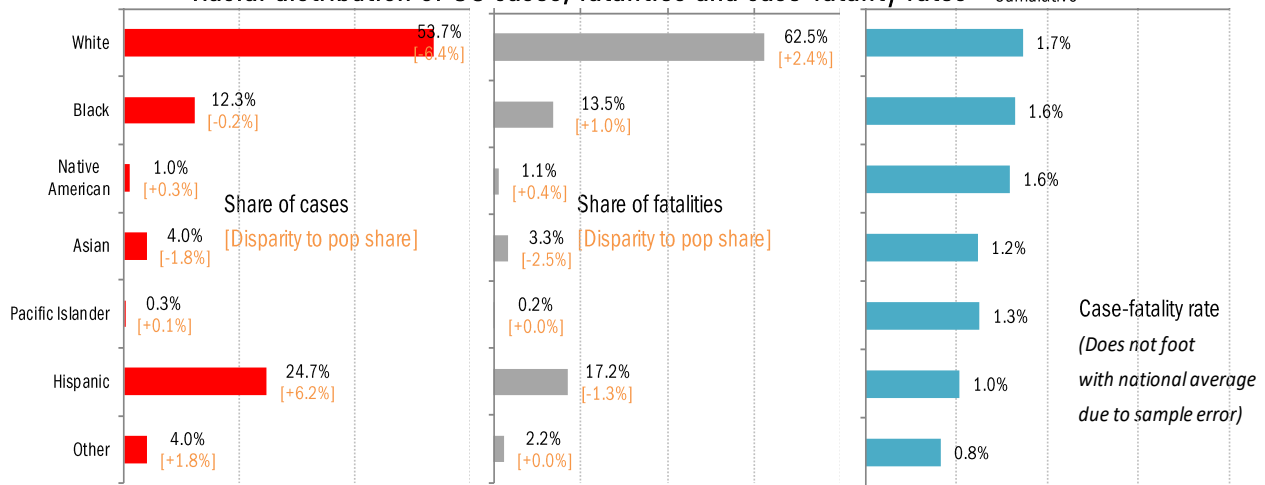


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

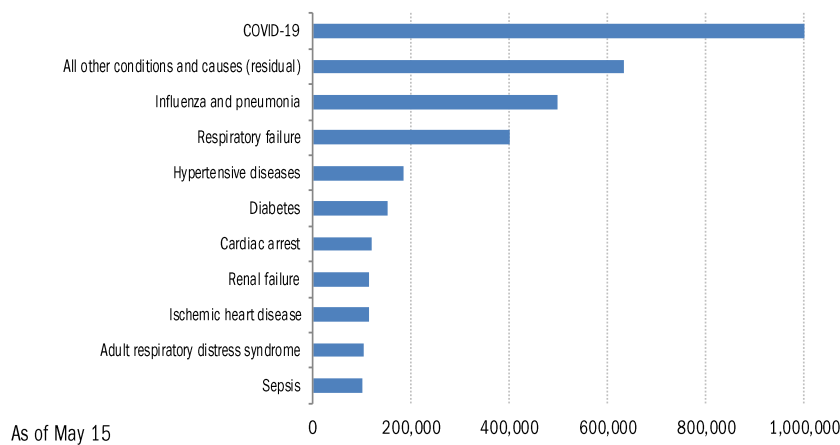


Racial distribution of US cases, fatalities and case-fatality rates



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

[White House Pushes to Get Paxlovid Pills in More Covid Patients' Hands](#)

Noah Weiland
New York Times
May 26, 2022

[US making COVID antiviral drug more available at test sites](#)

Zeke Miller
AP
May 26, 2022

[As Questions Swirl Around Monkeypox Origins and Risk, Vaccine Makers Set Sights on Profits](#)

Michael Nevradakis
The Defender
May 26, 2022

[Fauci's NIAID Approved \\$1.8 Million in Taxpayer Funds for Drug Experiments on Puppies](#)

Julie Comber
The Defender
May 25, 2022

Meme of the day

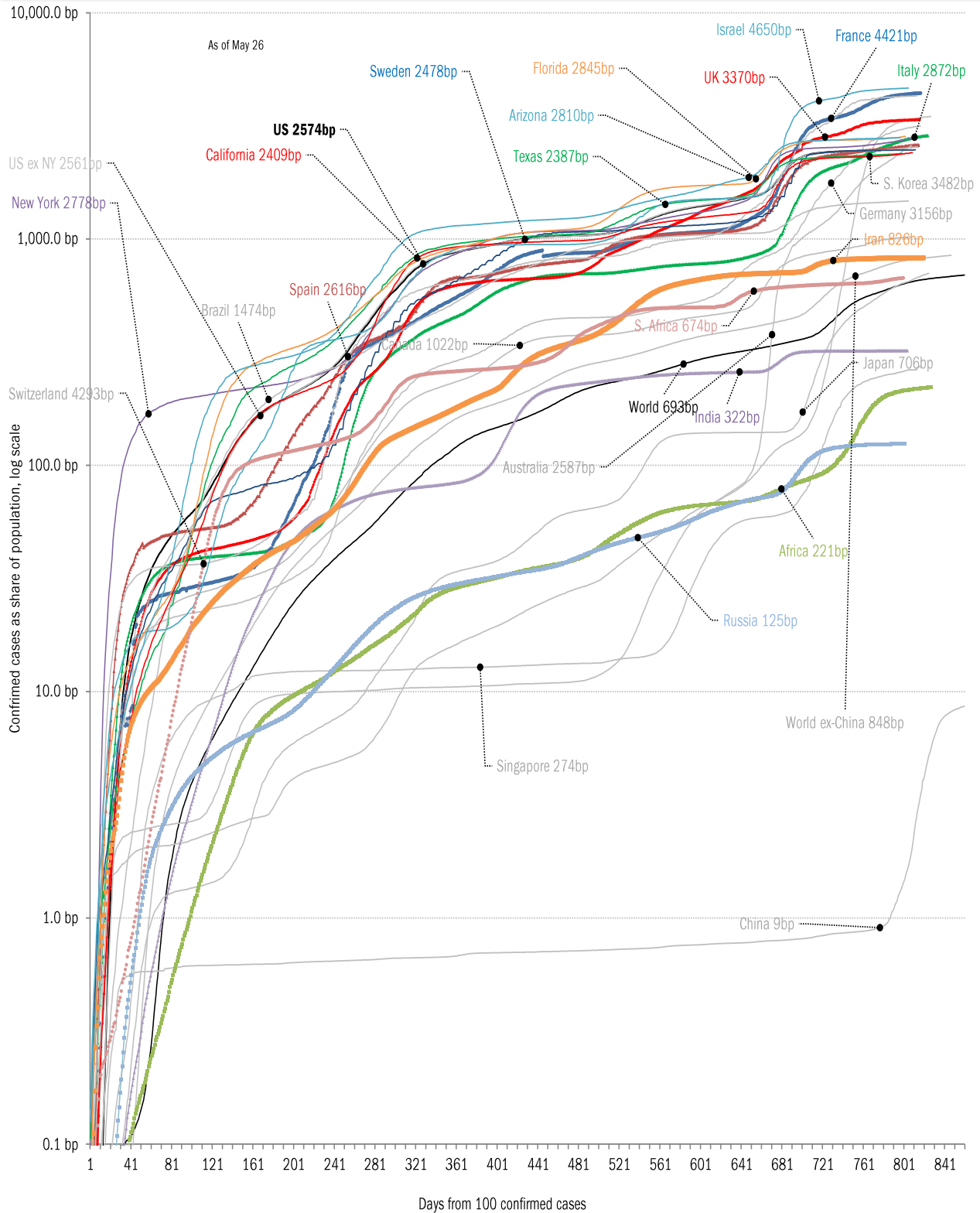
Monkeypox is here

So we're gonna need
mail in ballots



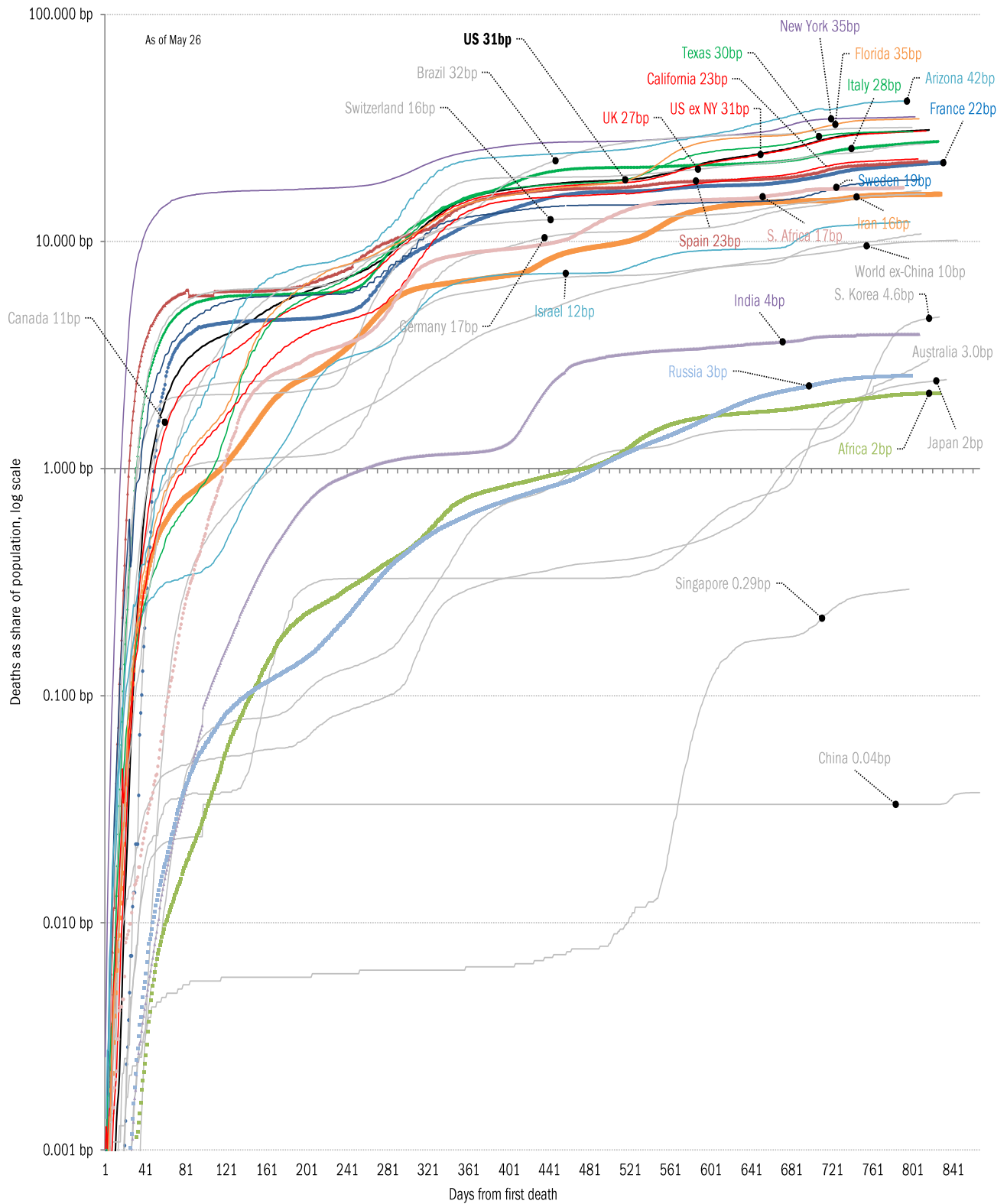
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

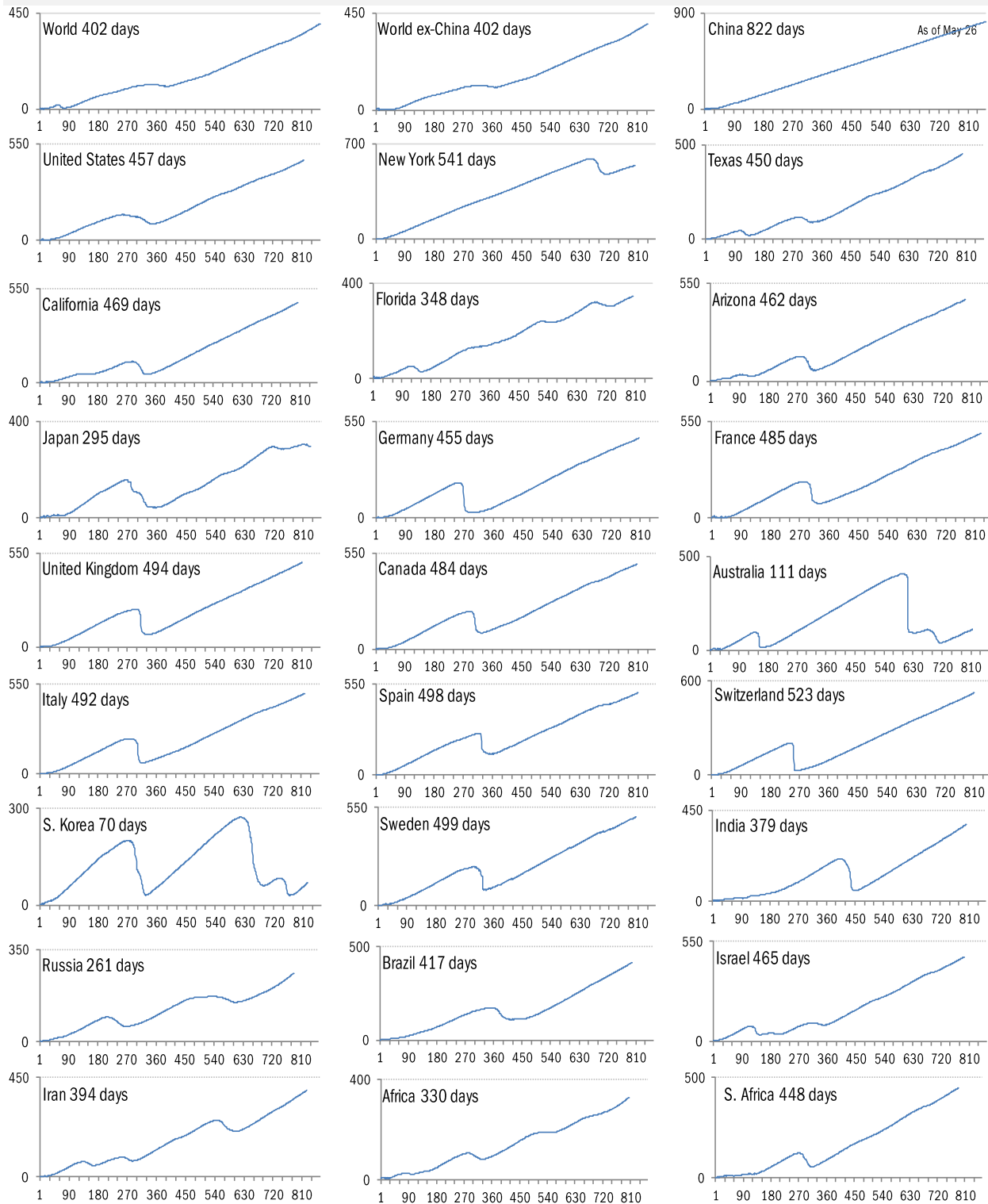


Source: [Johns Hopkins](#), TrendMacro calculations

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

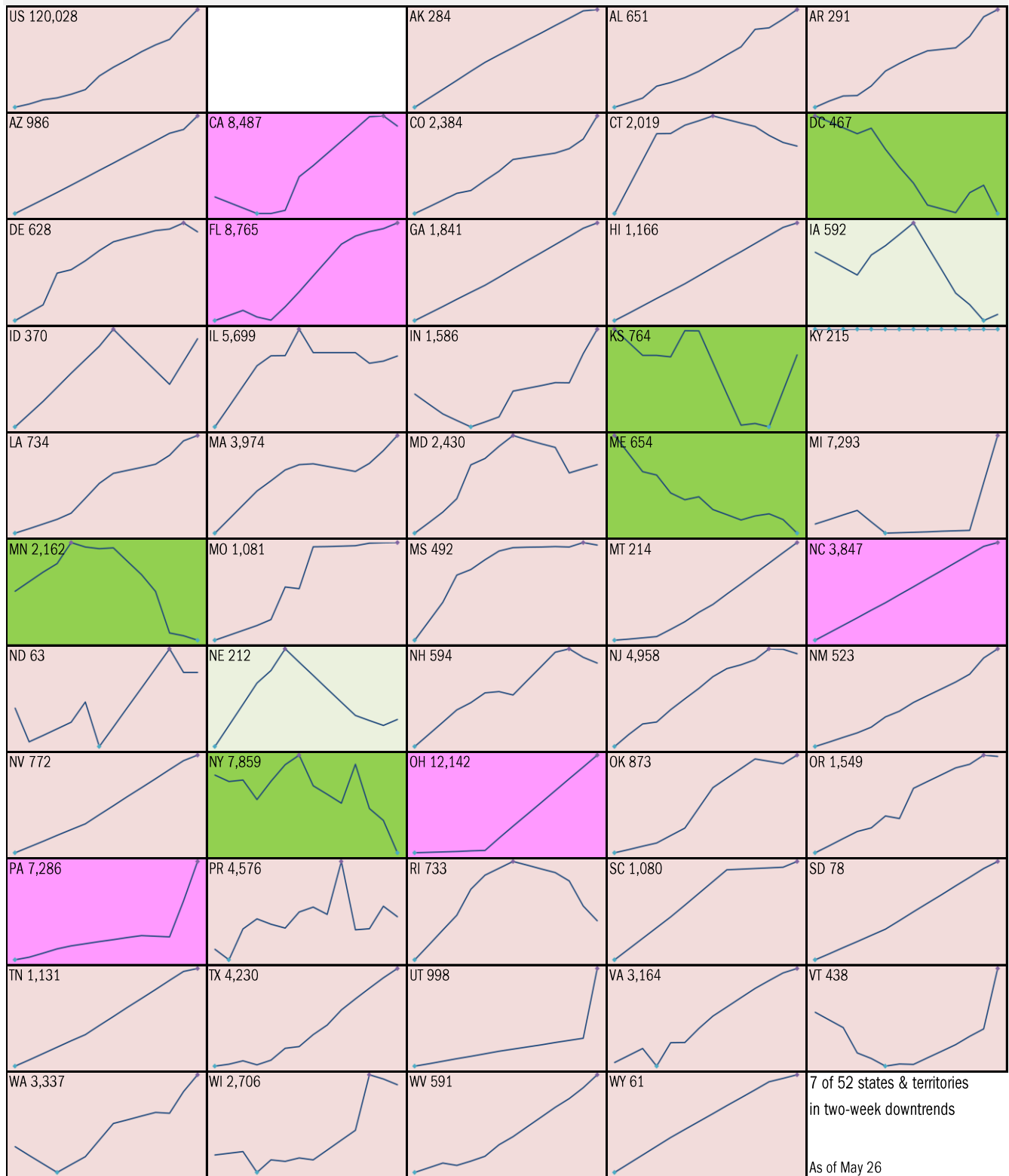


Source: [Johns Hopkins](#), TrendMacro calculations

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

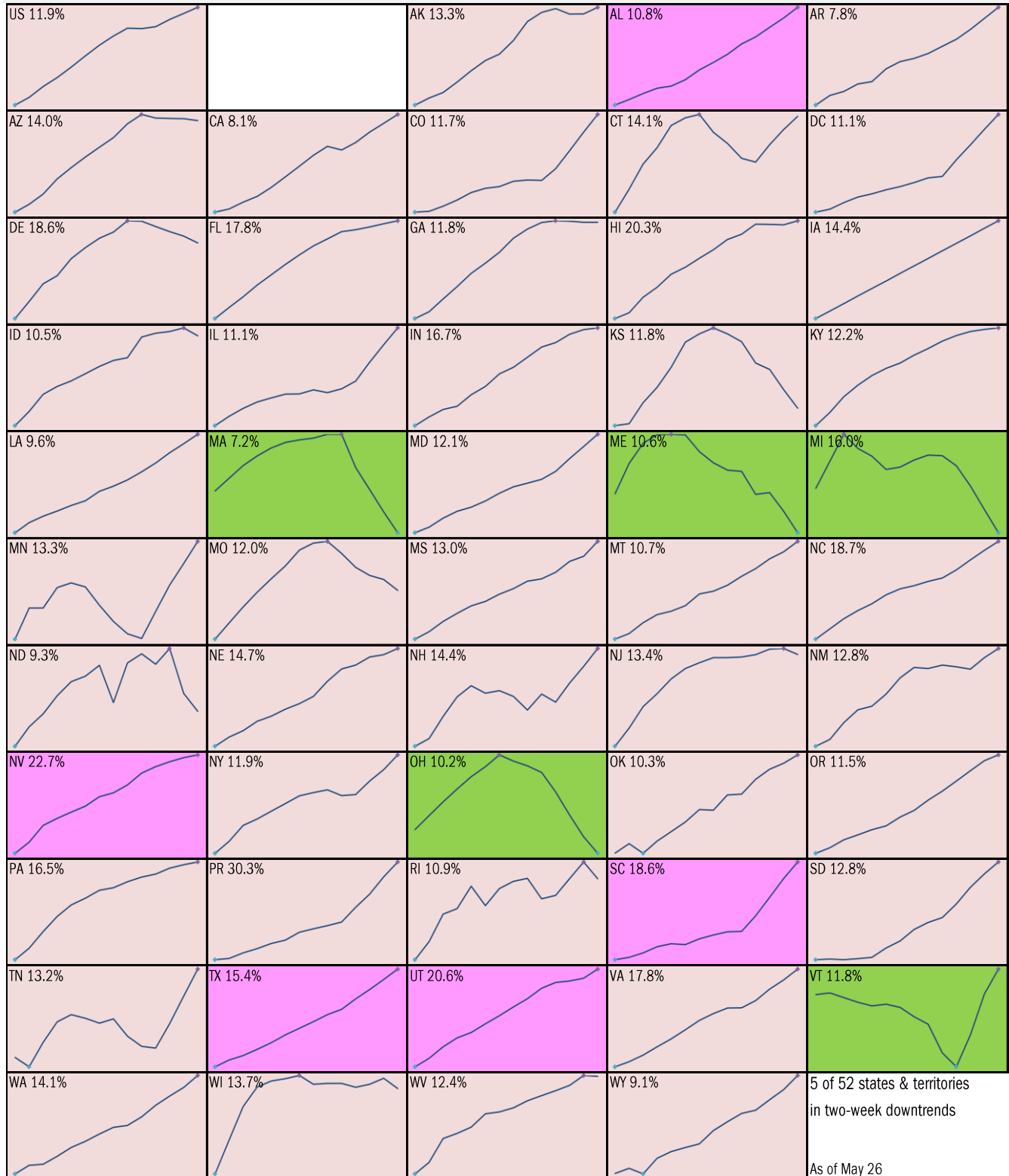


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

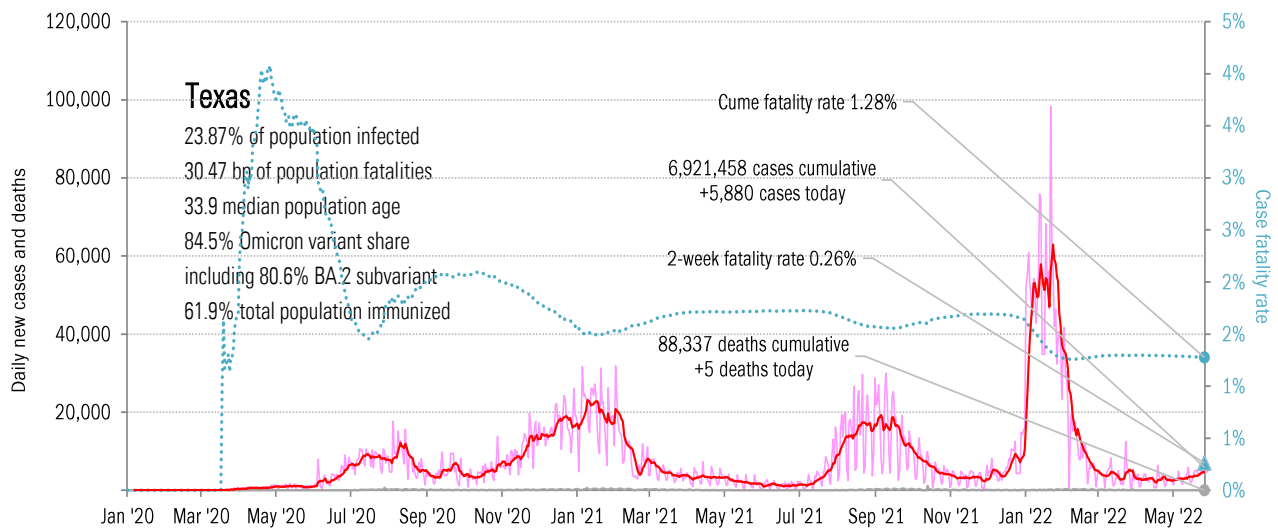
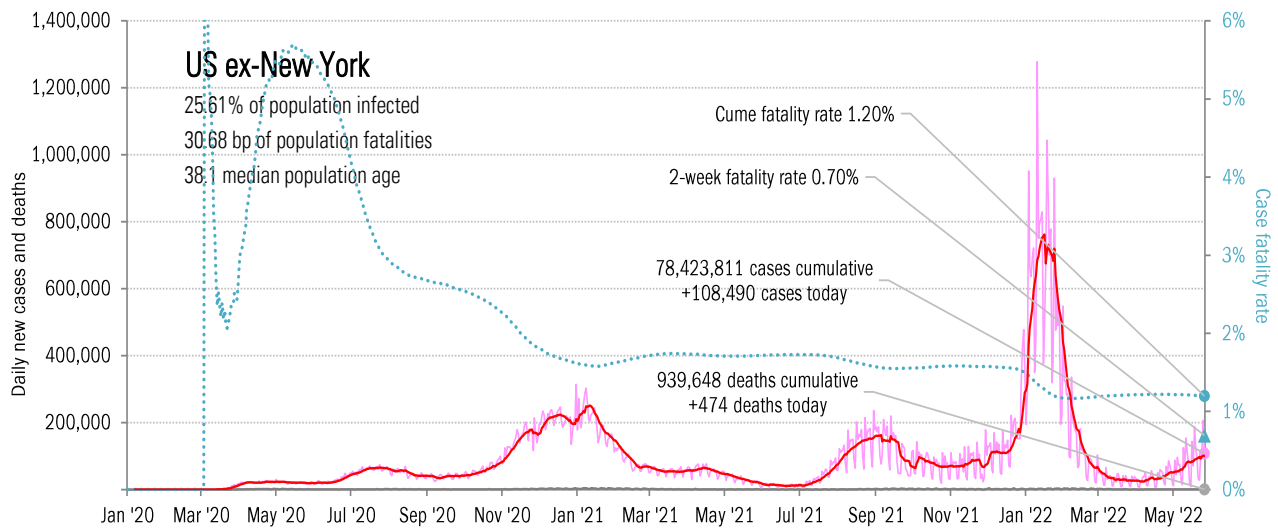
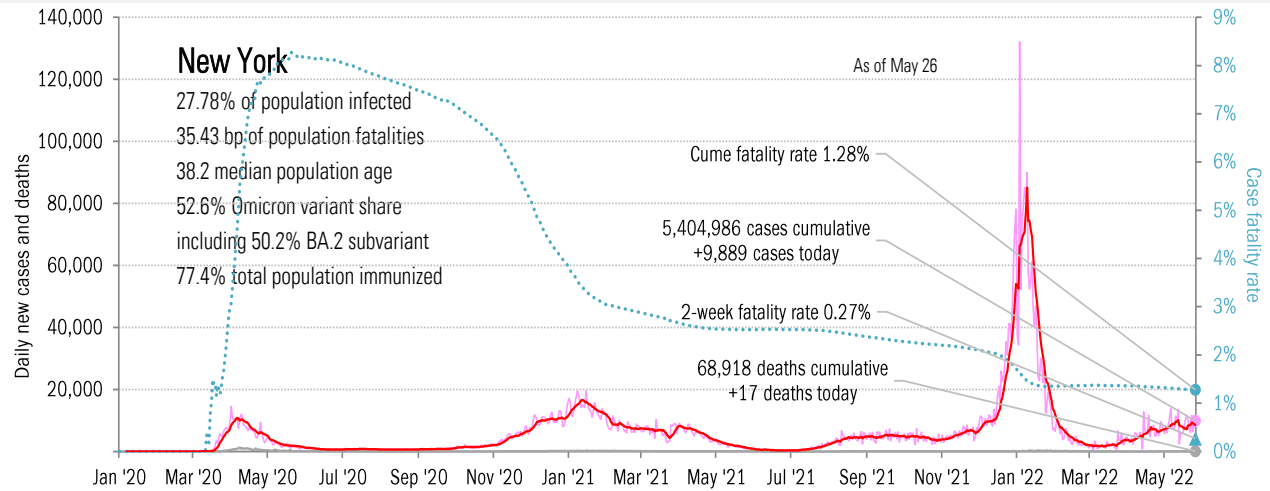
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

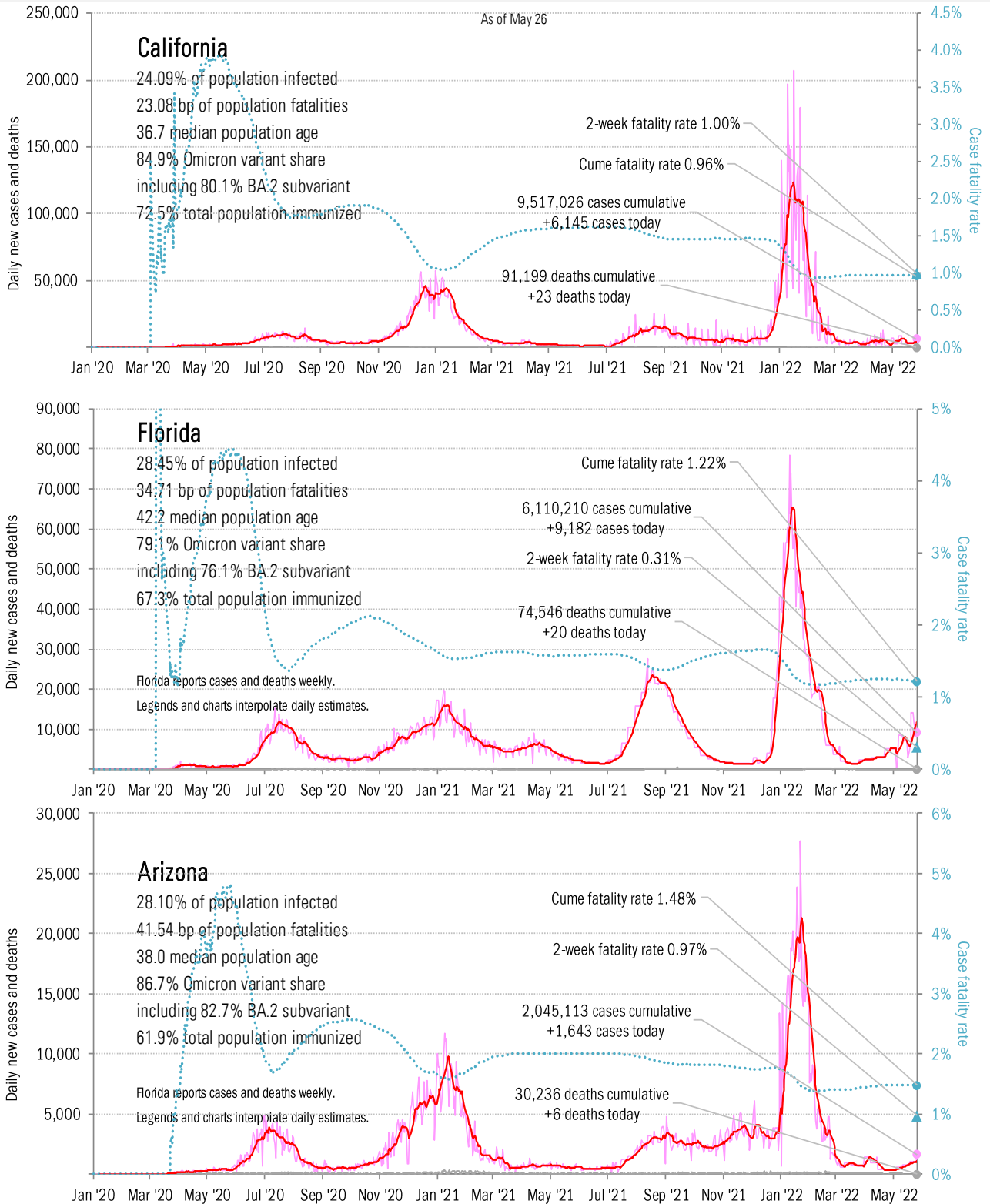
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

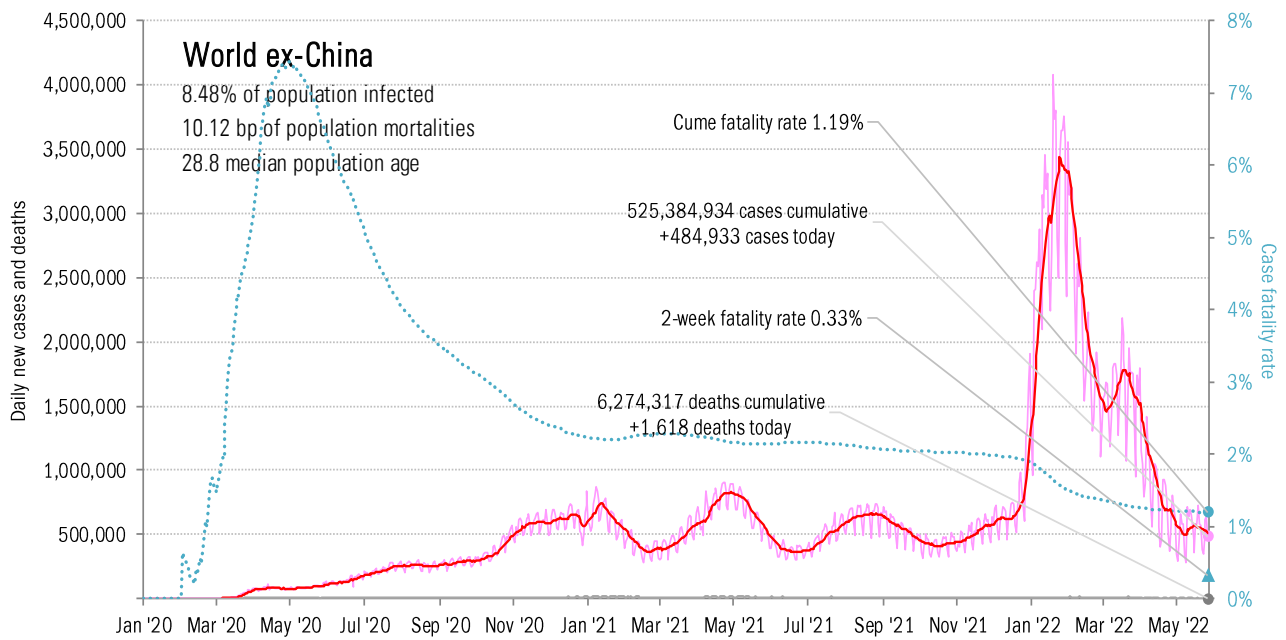
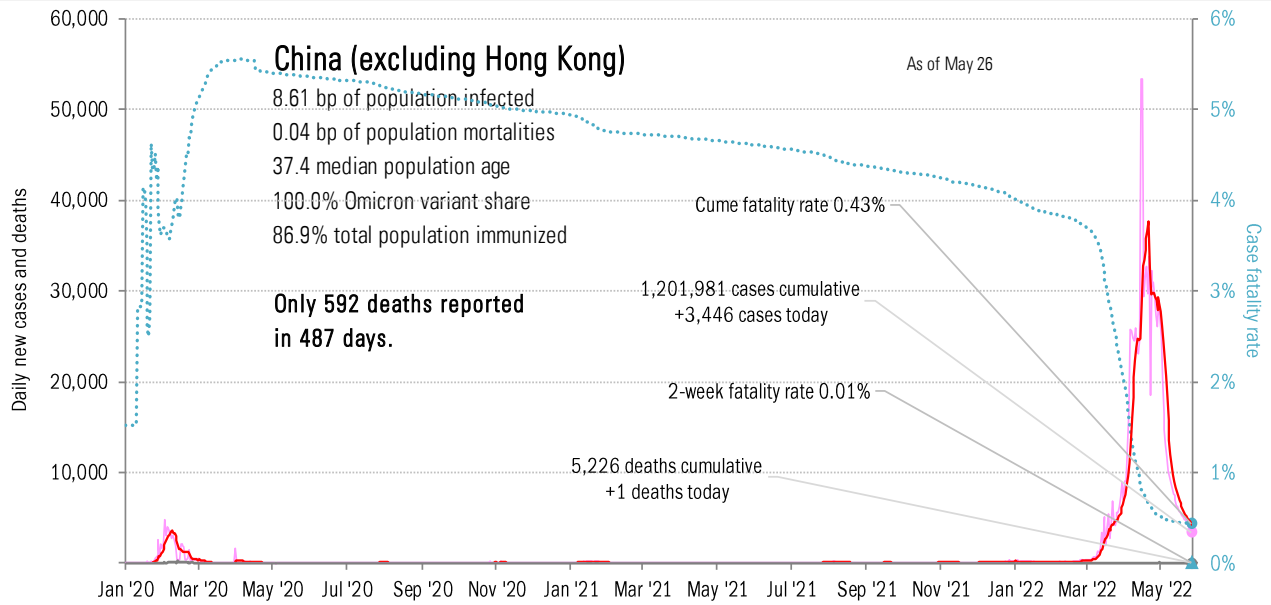
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

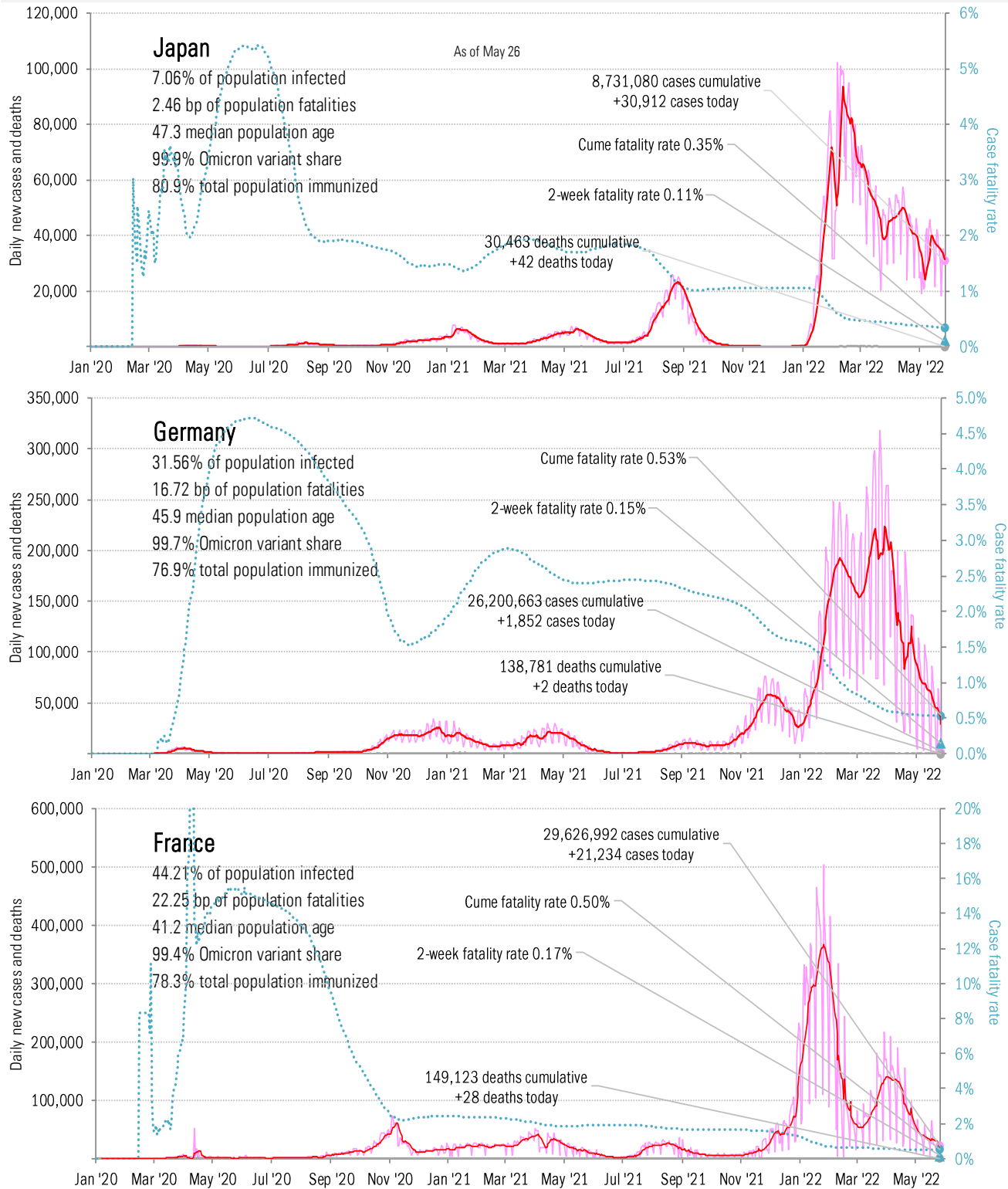
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

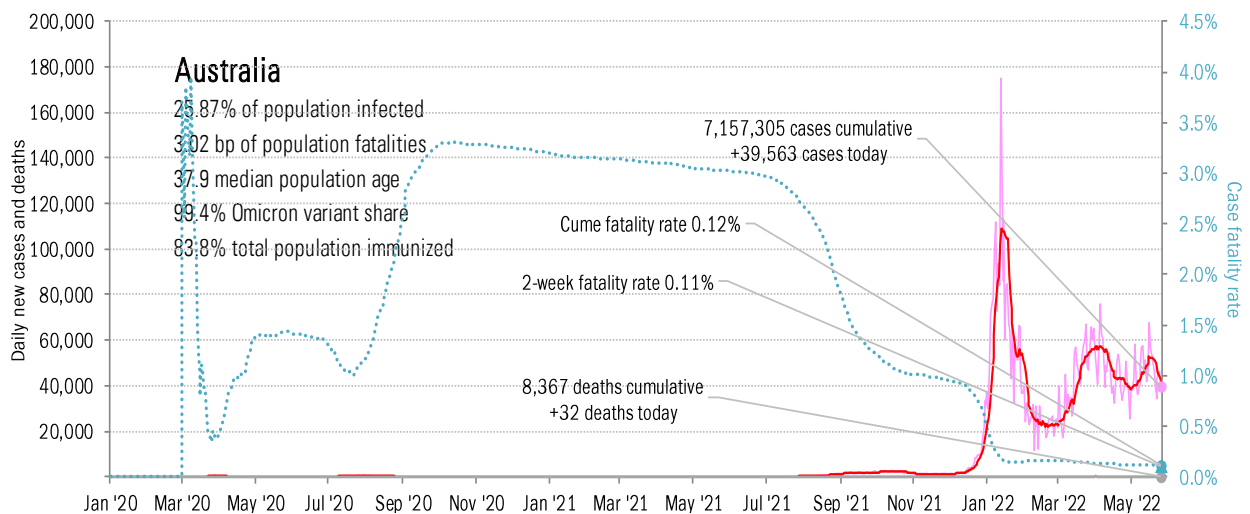
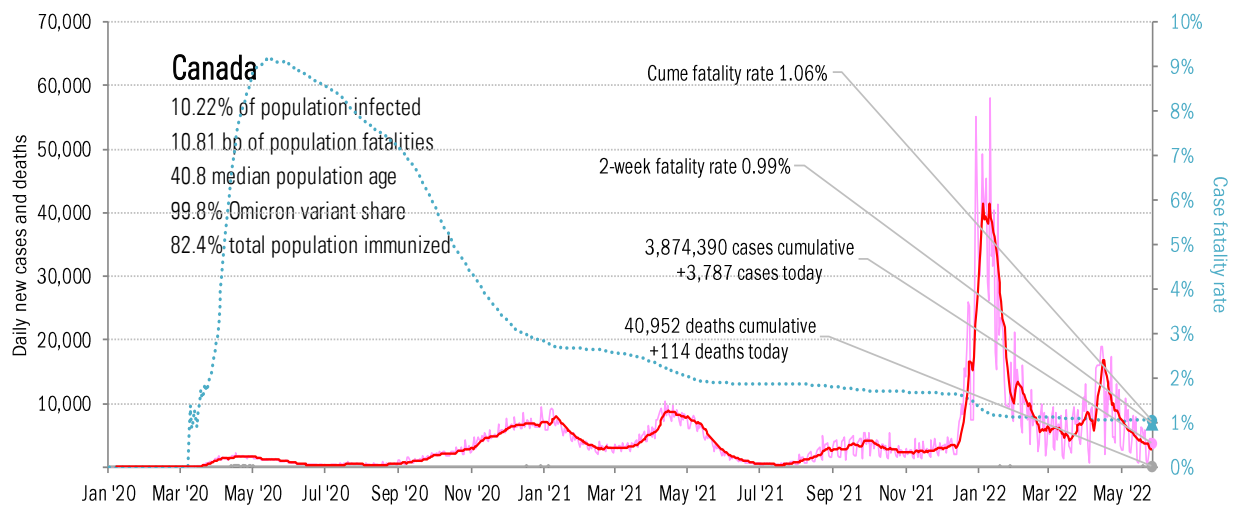
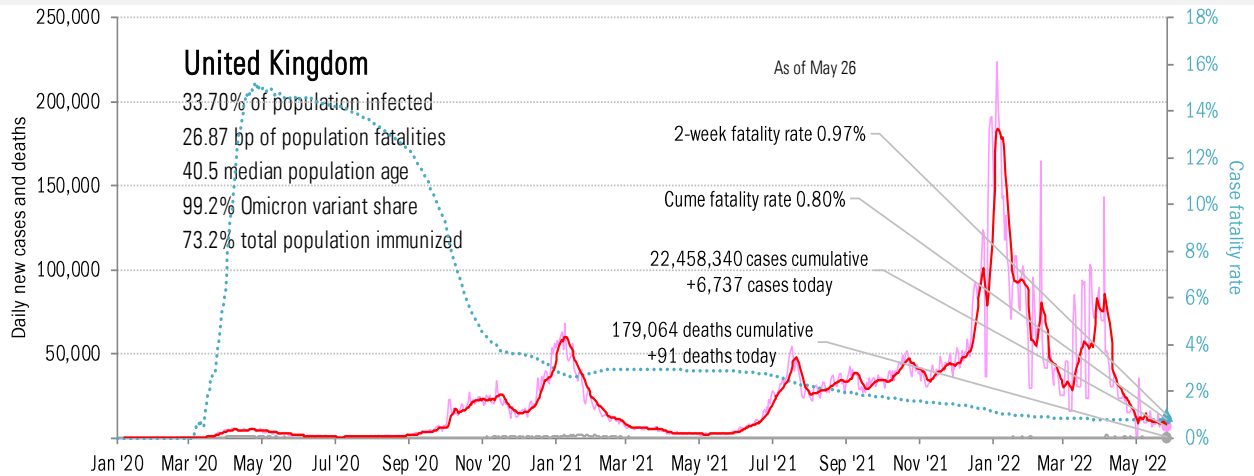
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

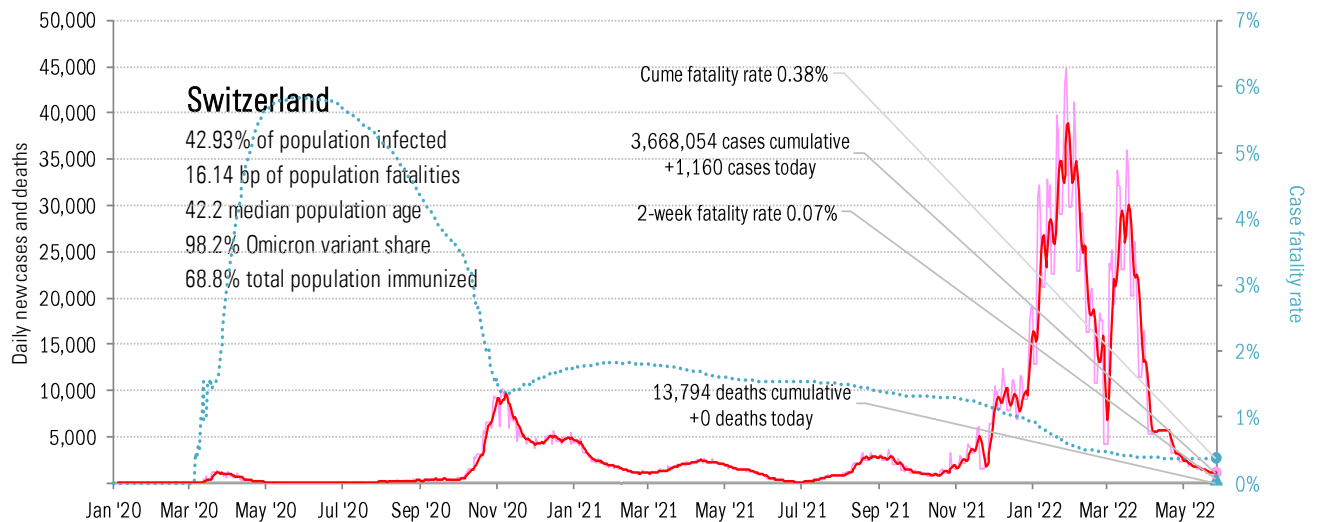
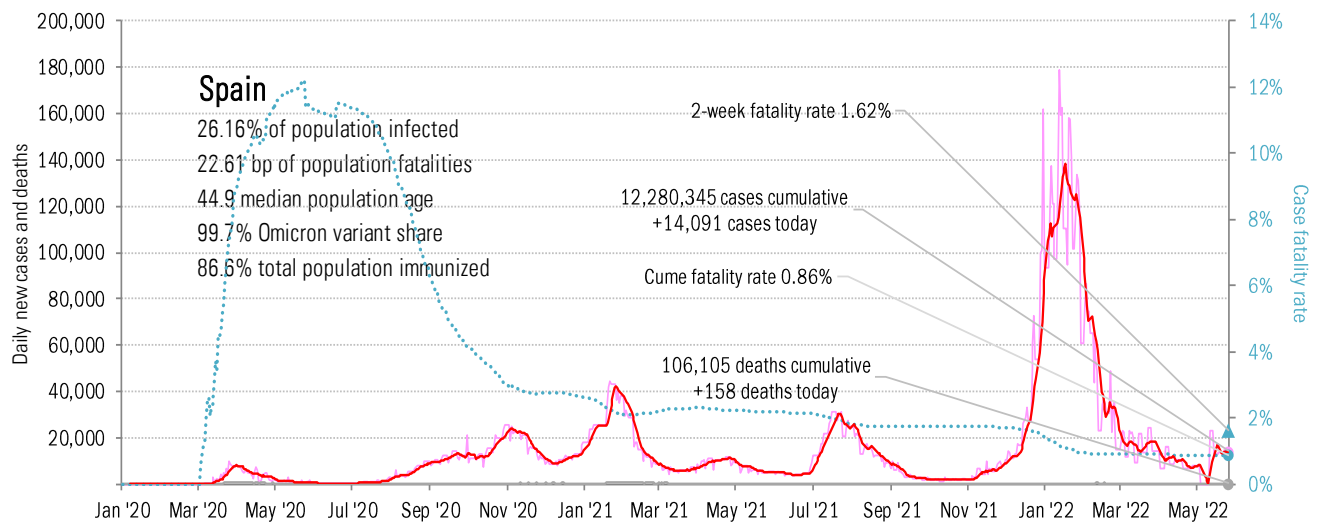
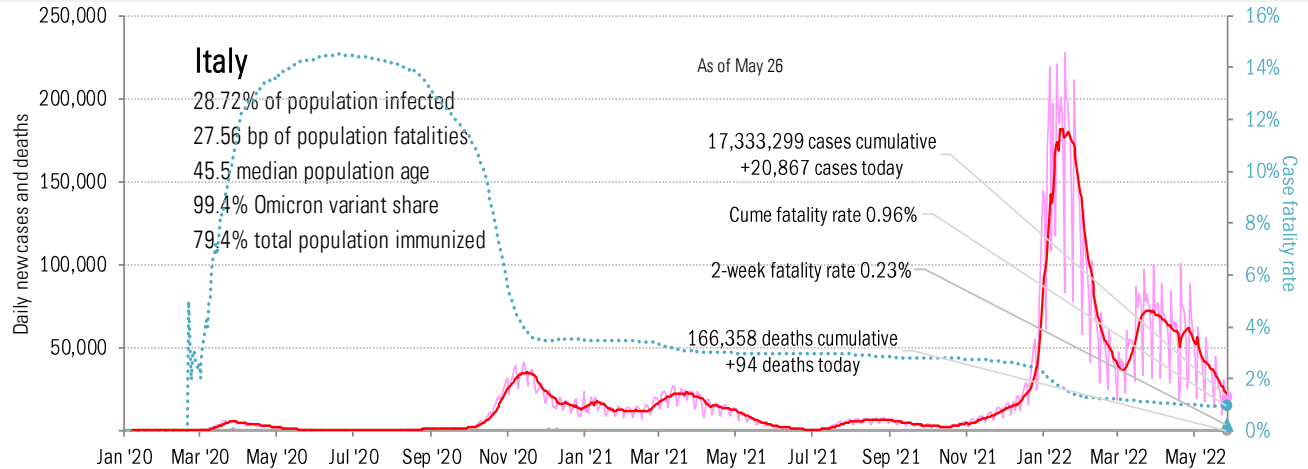
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

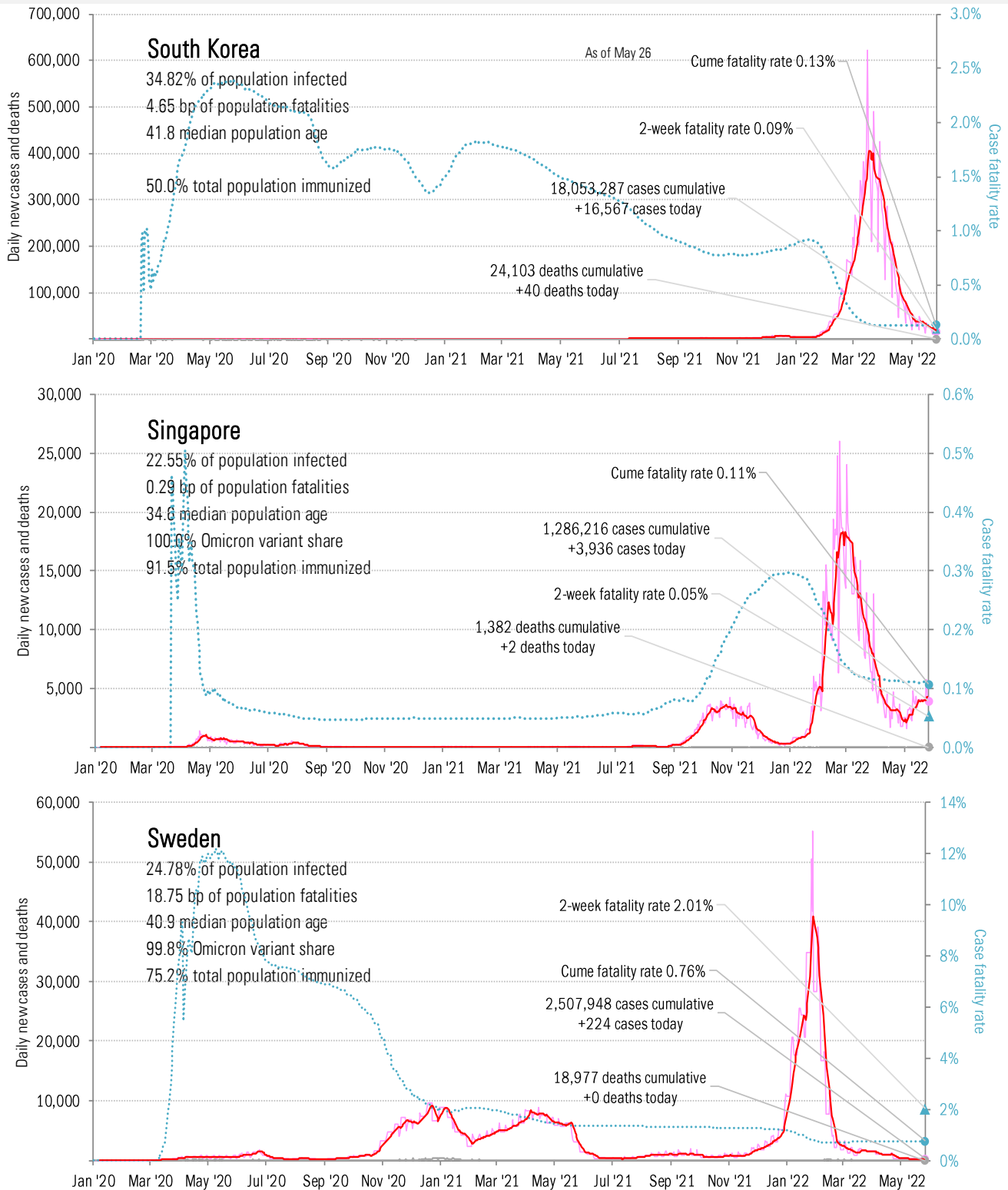
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

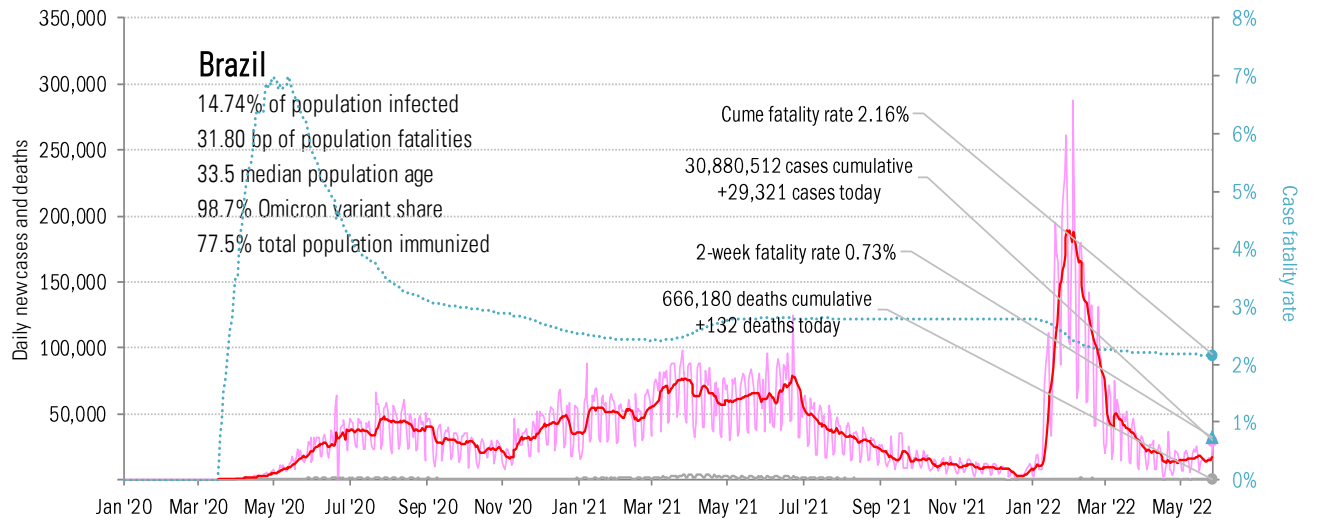
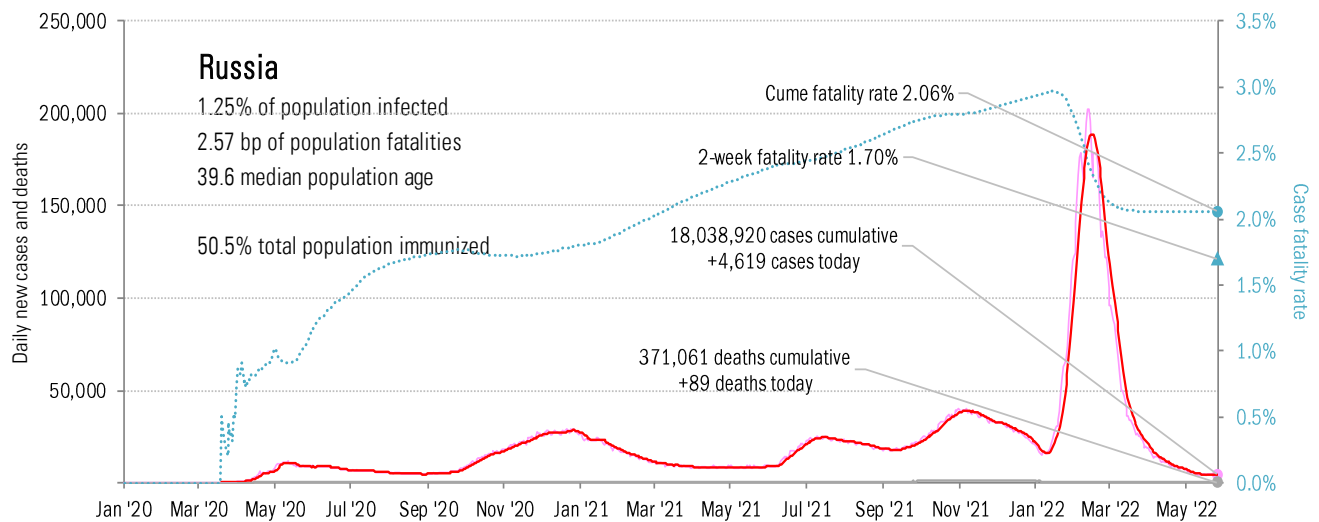
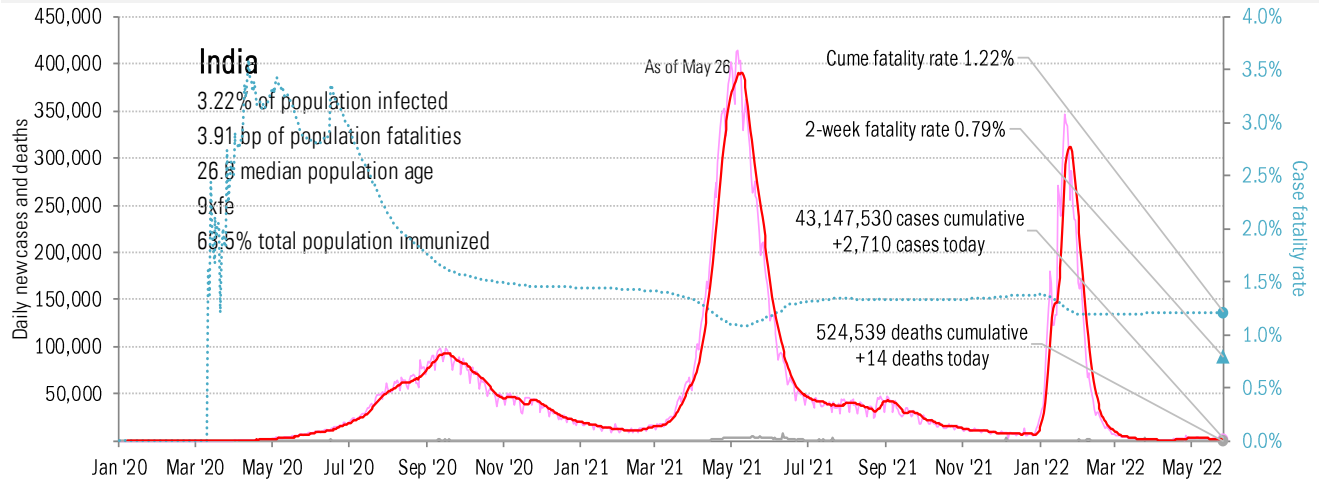
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

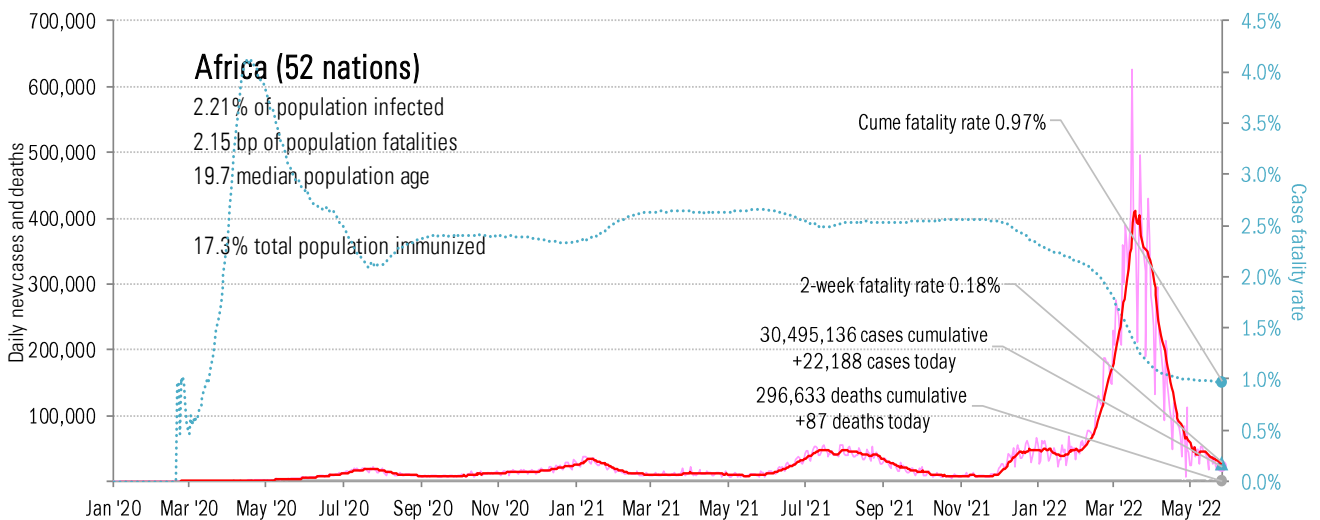
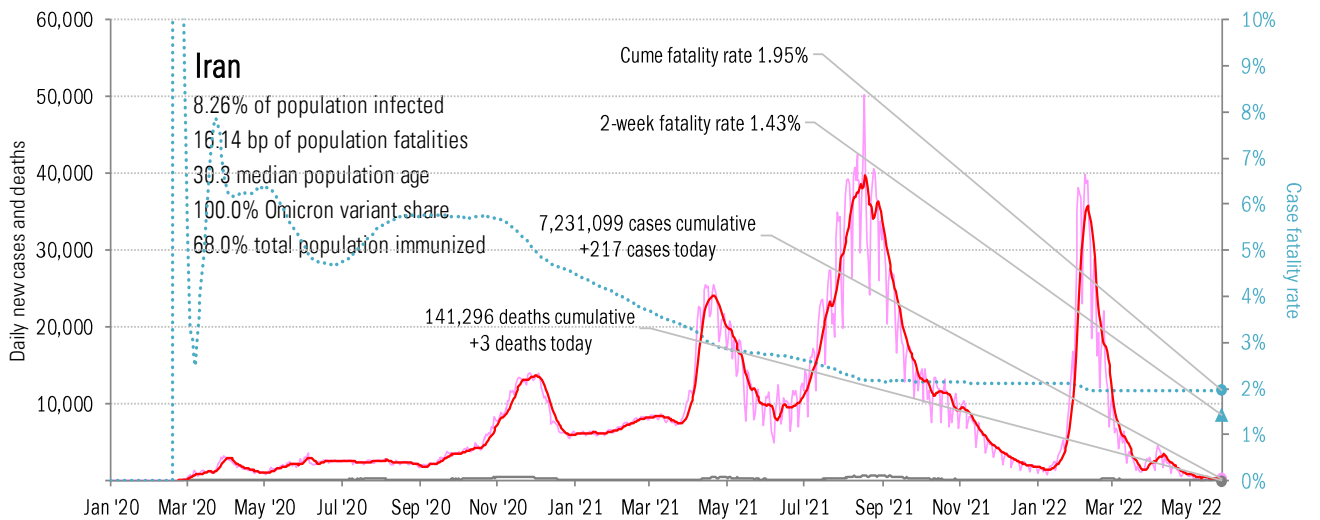
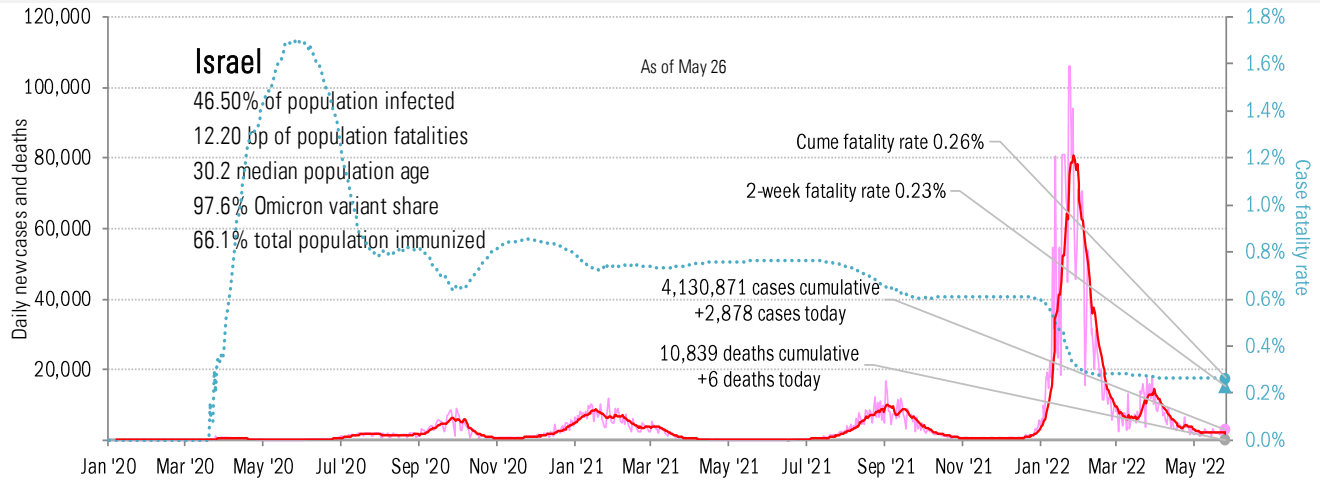
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

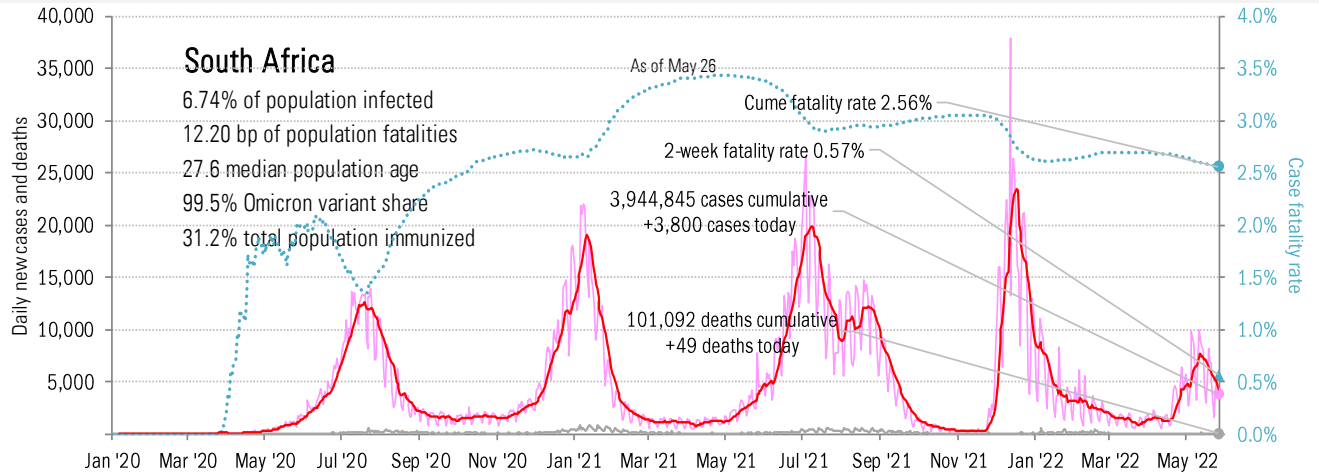
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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