

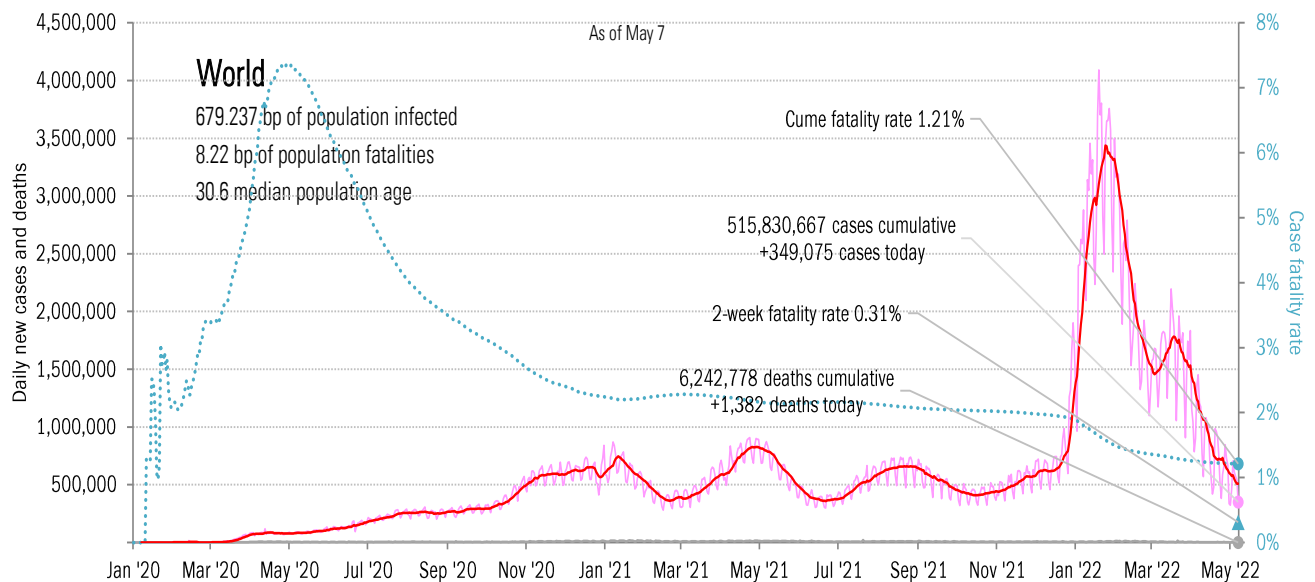
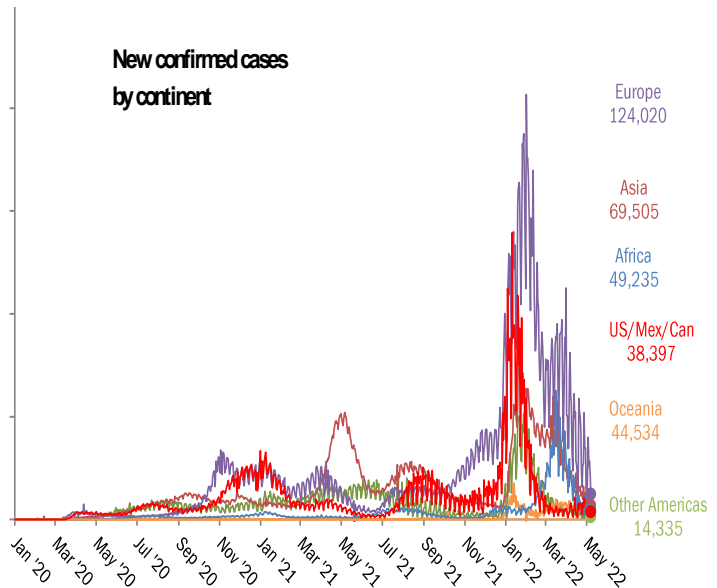
Data Insights: Covid-2019 Monitor

Sunday, May 8, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Italy	40,783	United States	529
Korea, South	40,064	Russia	130
Japan	39,228	Italy	113
Australia	38,806	Korea, South	71
France	37,958	France	62
United States	35,939	Thailand	54
Portugal	15,765	Canada	53
Brazil	14,622	India	40
South Africa	8,524	Brazil	35
Germany	8,488	Japan	27
280,177		1,114	
World	349,075	World	1,382
Top ten	80%	Top ten	81%



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

For more information contact us:

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

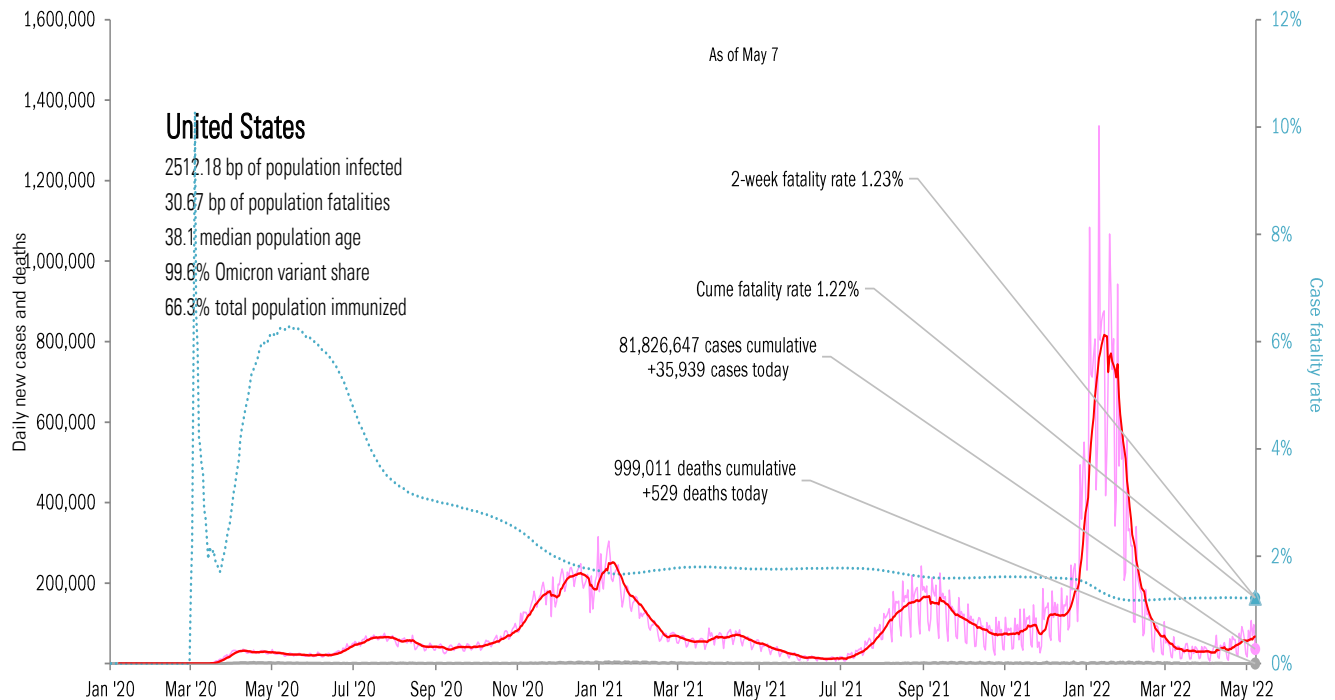
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use			
FL	8,490		SC	82		NY	480		CA	9,288,293		CA	90,497		TX	490,925		RI	90%		RI	84%	
NY	8,108		AZ	34		OK	82		TX	6,846,849		TX	88,175		CA	428,009		MA	85%		KY	82%	
FR	5,593		FL	20		CA	210		FL	5,968,033		FL	74,200		FL	418,366		MN	85%		DC	82%	
NJ	3,986		TX	14		PA	136		NY	5,229,056		NY	68,460		NY	253,881		MD	83%		MA	81%	
SC	3,073		NY	11		TX	122		IL	3,169,315		PA	44,733		GA	207,972		PA	82%		UT	81%	
TX	2,602		ME	9		FL	220		PA	2,829,027		CH	38,493		CH	192,550		DC	81%		TX	81%	
IA	1,103		NJ	5		NJ	99		CH	2,708,071		GA	37,969		PA	178,078		WA	81%		NH	80%	
ME	961		FR	4		IL	129		NC	2,673,326		IL	36,093		IL	159,346		MI	81%		WA	79%	
AZ	559		AR	3		VA	54		GA	2,521,664		MI	36,064		MI	143,346		NH	80%		VT	79%	
CK	501		AK	0		MA	126		MI	2,444,891		NJ	33,487		KY	133,314		DE	80%		NC	79%	
34,976			182			1,658			43,678,525			548,171			2,605,787								
All states	35,939		529			2,836			All states	81,826,647		999,011			4,731,456			All states	70%		67%		
Top ten	97%		34%			58%			Top ten	53%		55%			55%			Median	74%		71%		

Some states not reporting

Five most improved US states

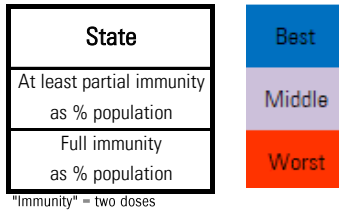
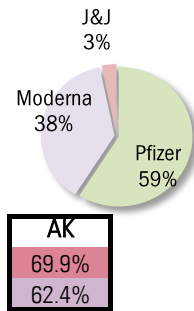
Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
CA -23,682	FL -122	CH -155	ID +40 bp
IL -7,709	KS -55	TN -43	AK +10 bp
NY -5,742	CA -26	CT -39	AL +10 bp
MA -4,518	IN -23	WA -35	ME +10 bp
VA -2,677	MA -18	FL -26	NM +10 bp



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

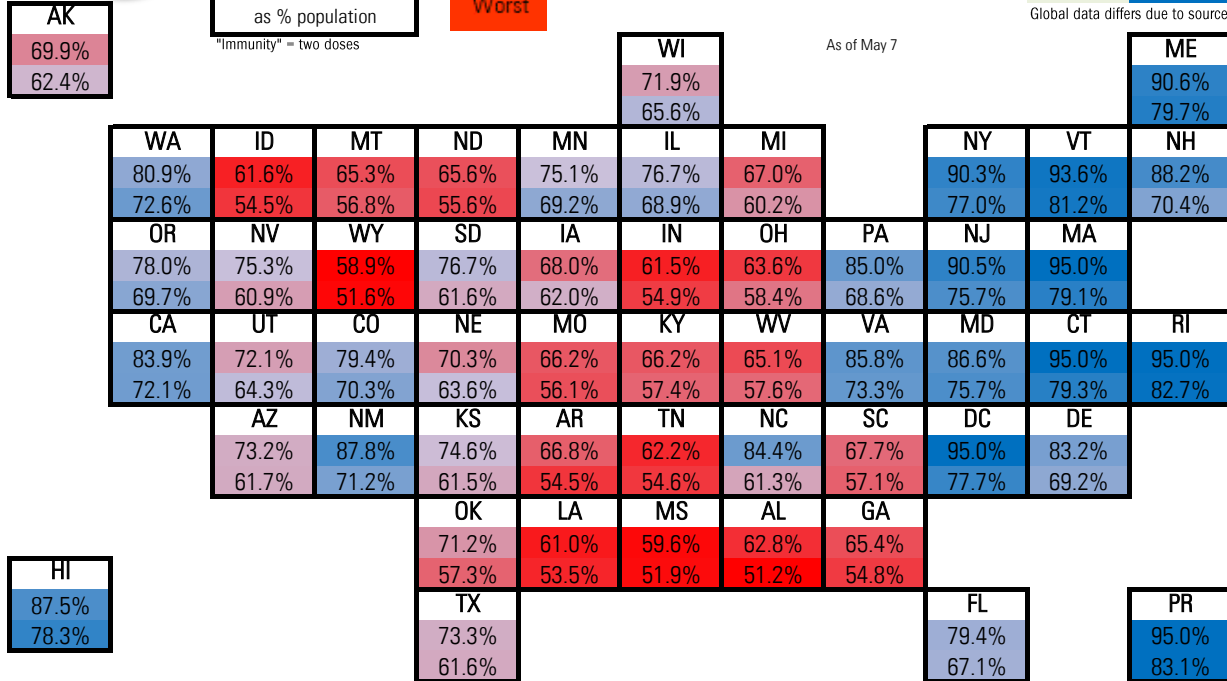
Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	594,047,573		+0.245 million	US	66.3%	77.7%
Boosters	44,177,702		+0.018 million	UK	72.9%	78.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	265,868,169	80%	226,402,155	68%	+0.037 million	Spain 86.5% 88.2%
Age 12 to 17	17,757,813	70%	(187,942,037)	-743%	+0.025 million	Germany 76.8% 76.9%
Age 18 to 64	178,749,356	88%	151,620,852	75%	+0.019 million	Italy 79.4% 84.1%
Age 65 and over	59,012,389	100%	51,299,572	94%	+0.012 million	Australia 83.6% 86.4%

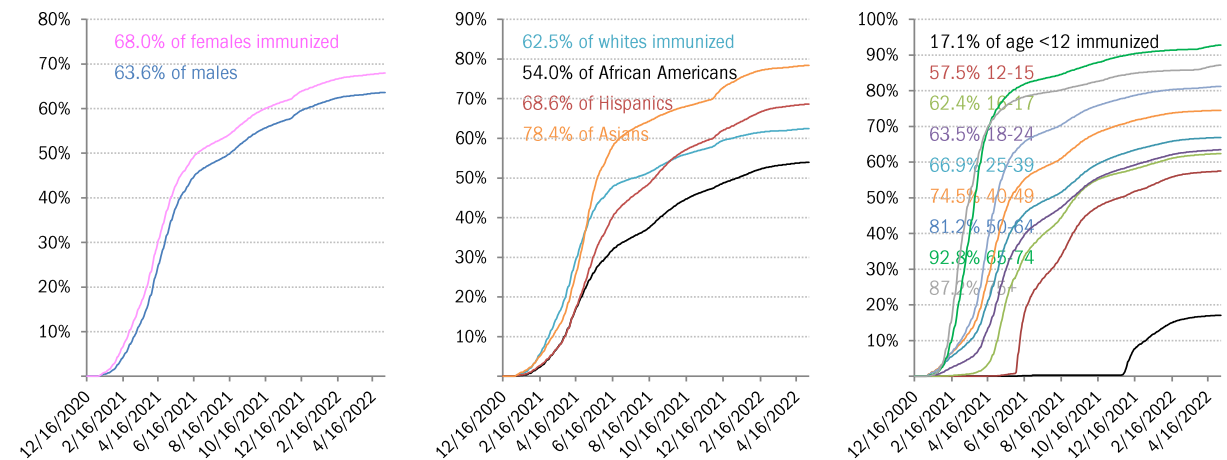


France	78.2%	80.6%
Spain	86.5%	88.2%
Germany	76.8%	76.9%
Italy	79.4%	84.1%
Australia	83.6%	86.4%
Israel	66.1%	72.2%
Canada	82.3%	87.4%
Japan	80.6%	81.9%
Africa	16.7%	22.1%
India	62.2%	72.2%
Brazil	76.9%	85.5%
China	86.6%	89.1%

Global data differs due to sources, timing



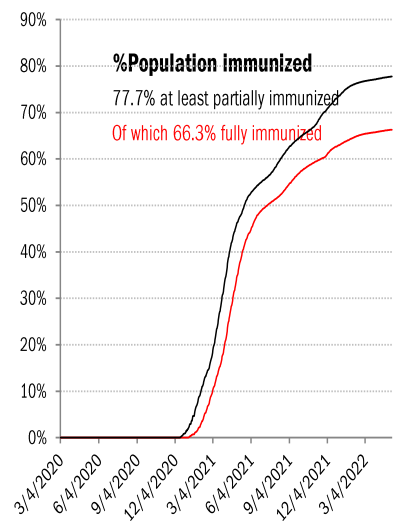
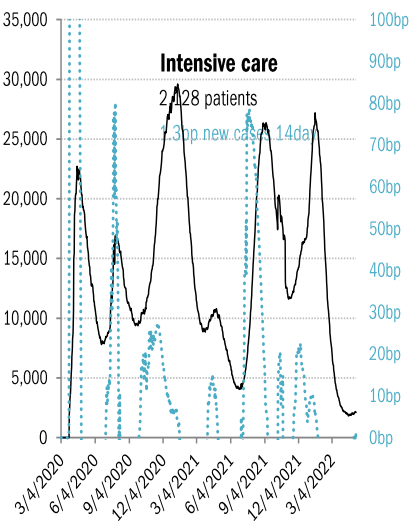
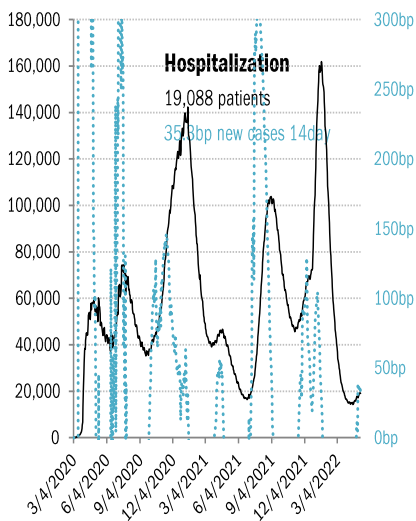
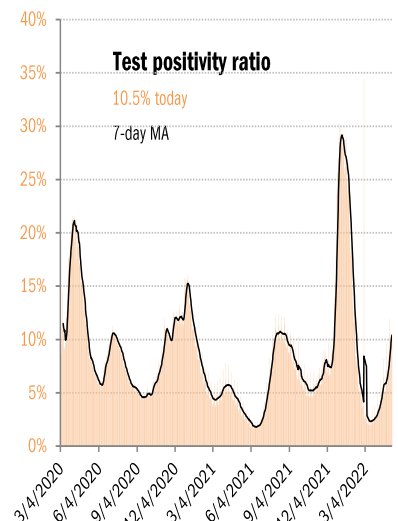
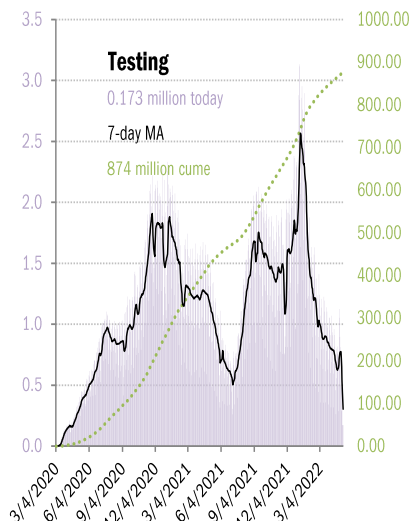
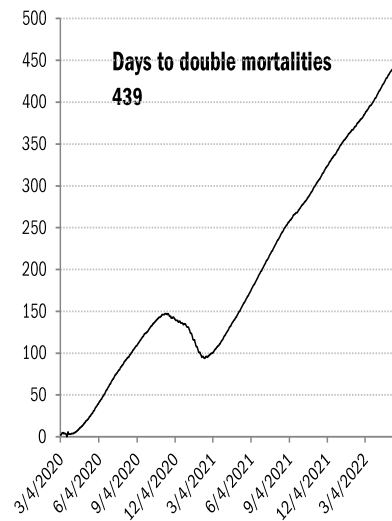
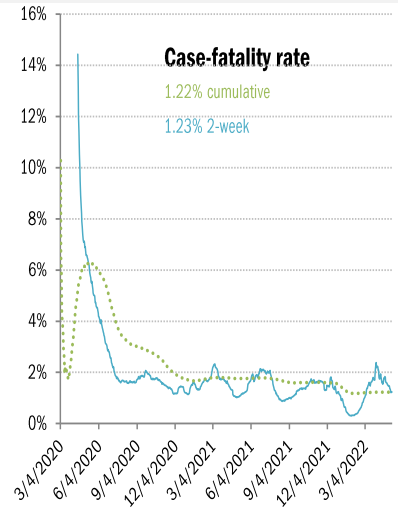
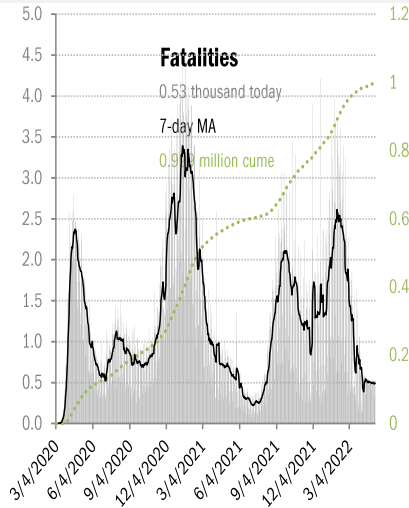
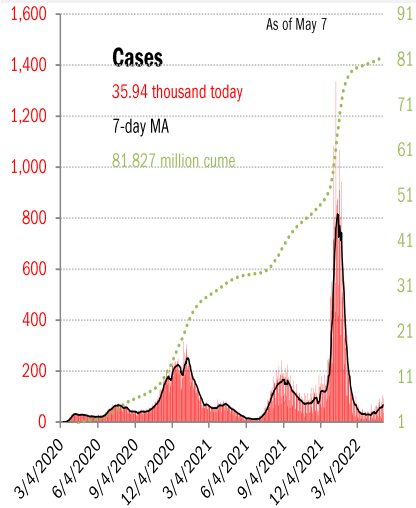
The demographics of US vaccination



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

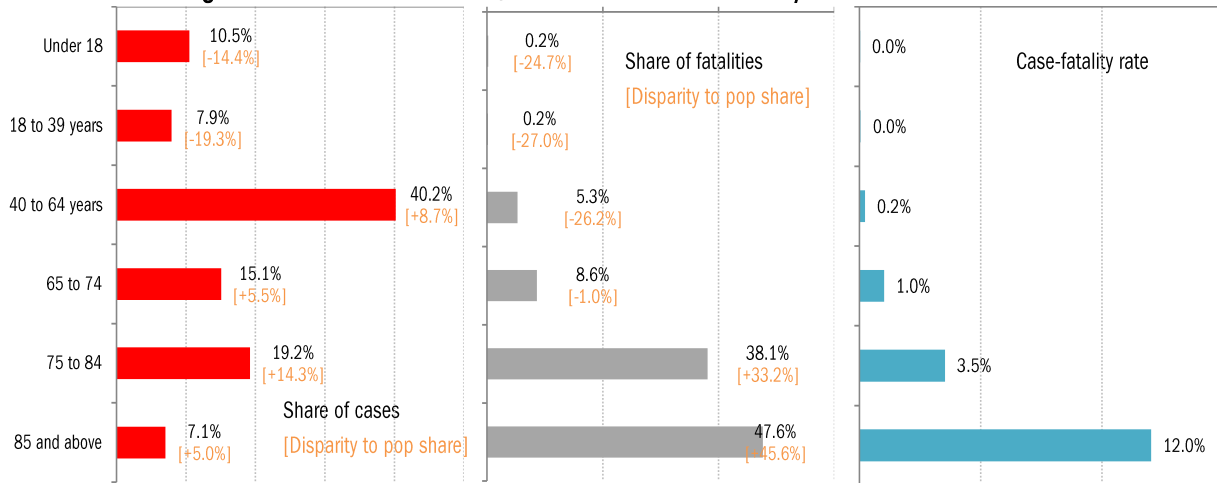
US deep-dive

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

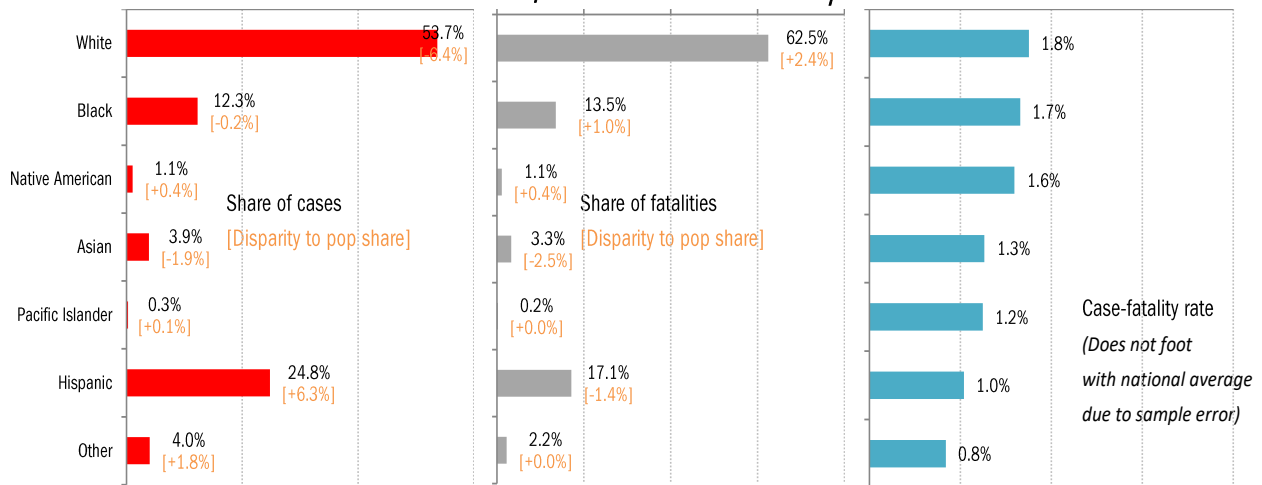


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

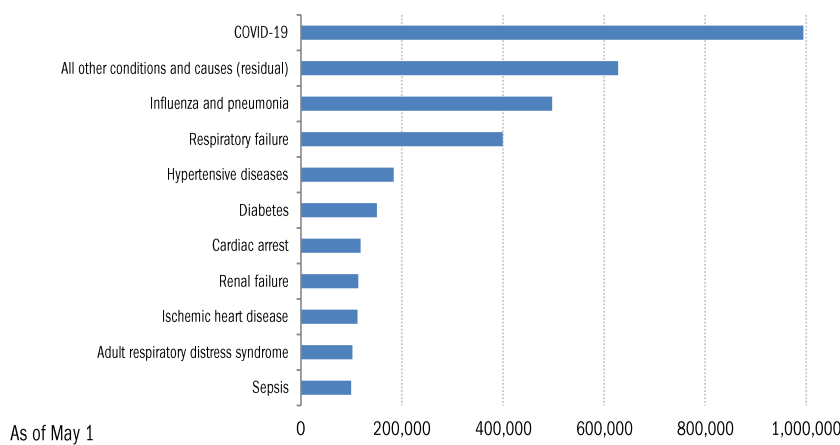


Racial distribution of US cases, fatalities and case-fatality rates



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

[‘Not Good for Learning’](#)

David Leonhardt
New York Times
May 5, 2022

[The Consequences of Remote and Hybrid Instruction During the Pandemic](#)

Dan Goldhaber et al.
Harvard Center for Education Policy Research
May 2022

[CDC Tracked Millions of Phones to See If Americans Followed COVID Lockdown Orders](#)

<https://www.vice.com/en/article/m7vymn/cdc-tracked-phones-location-data-curfews>
Vice
May 3, 2022

Meme of the day

Moloch Warns Of Looming Child Sacrifice Supply Chain Issues

Worldviews

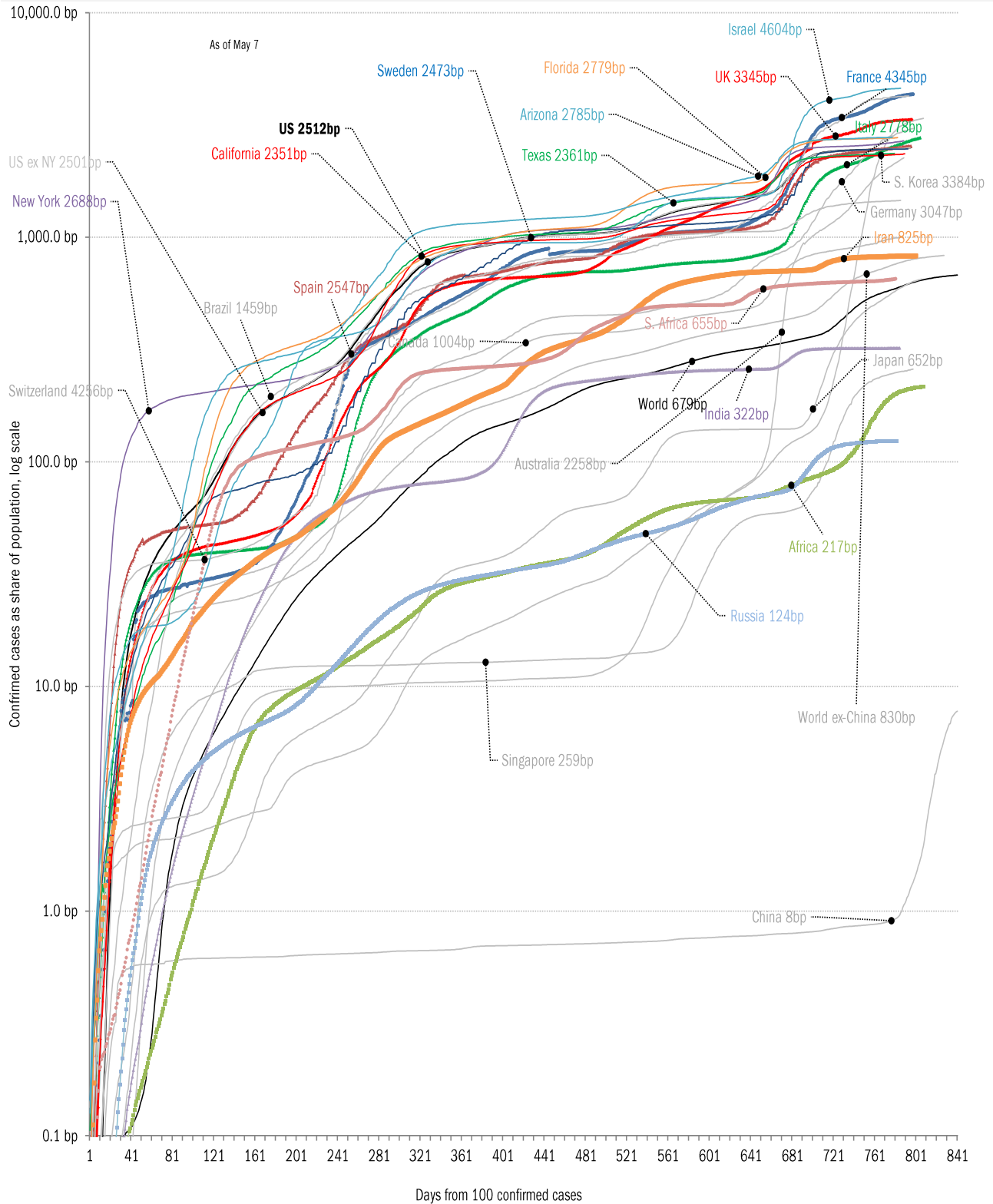
May 5th, 2022 - BabylonBee.com



[Click here](#) to see the list!

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

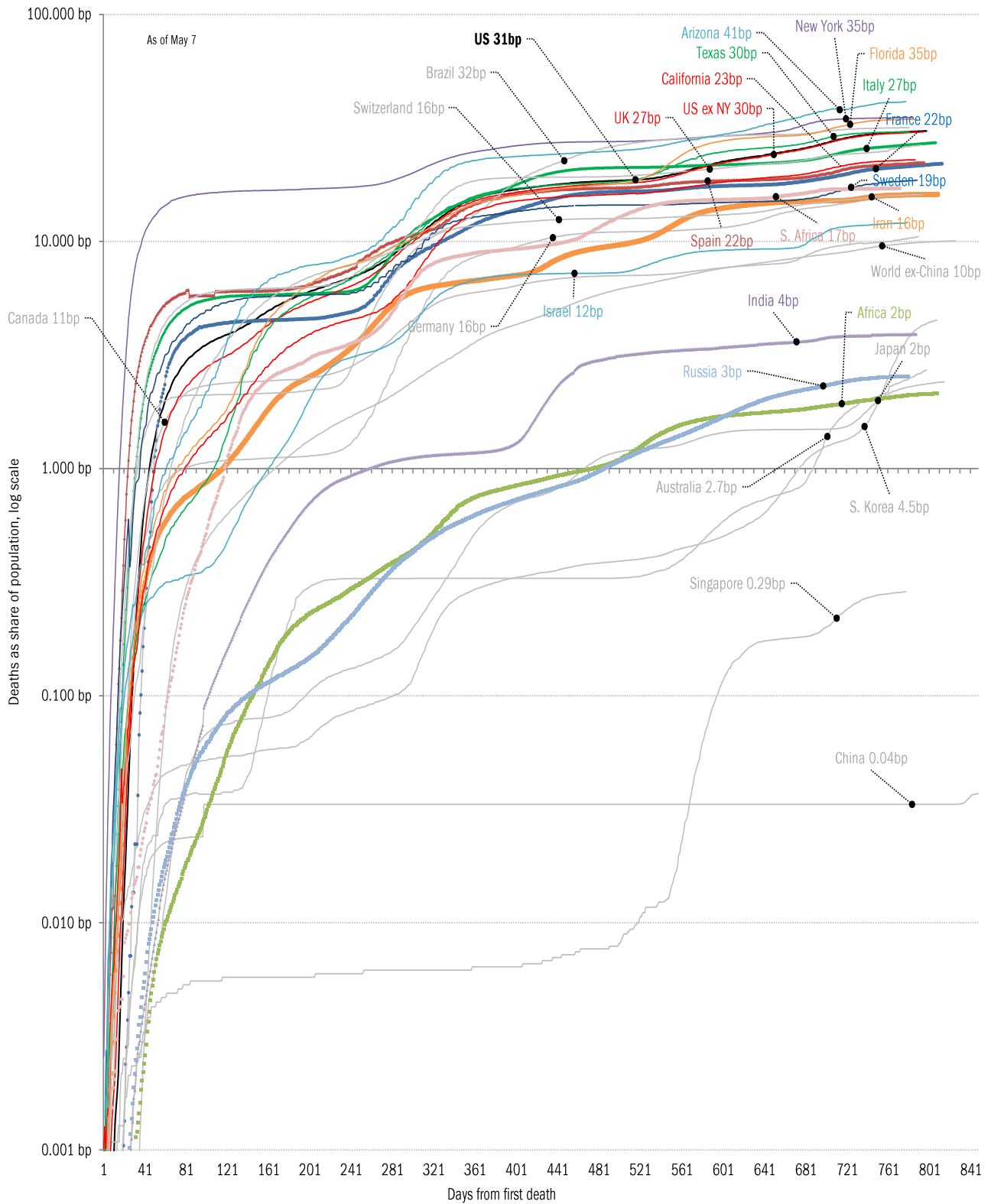
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

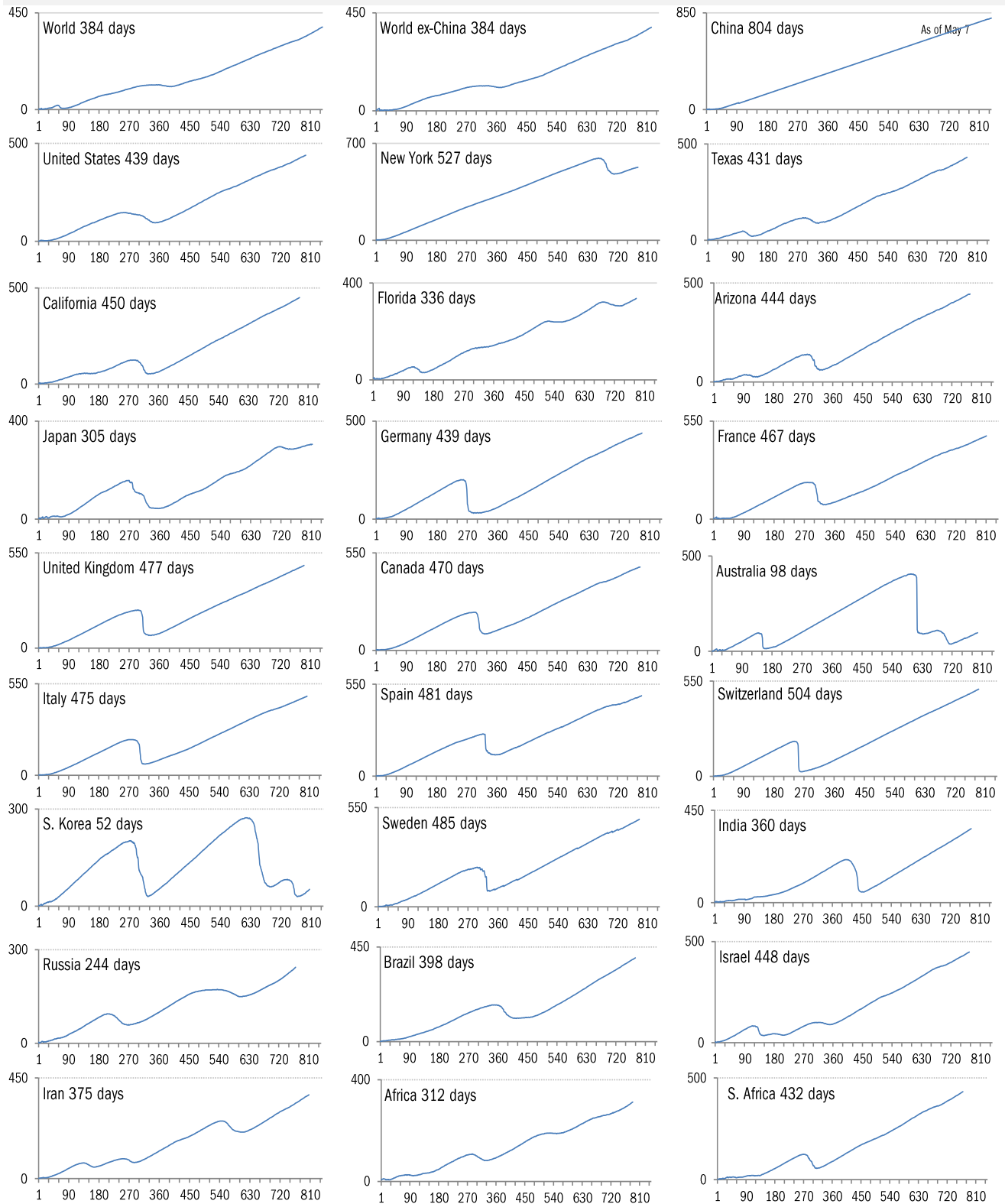


Source: [Johns Hopkins](#), TrendMacro calculations

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

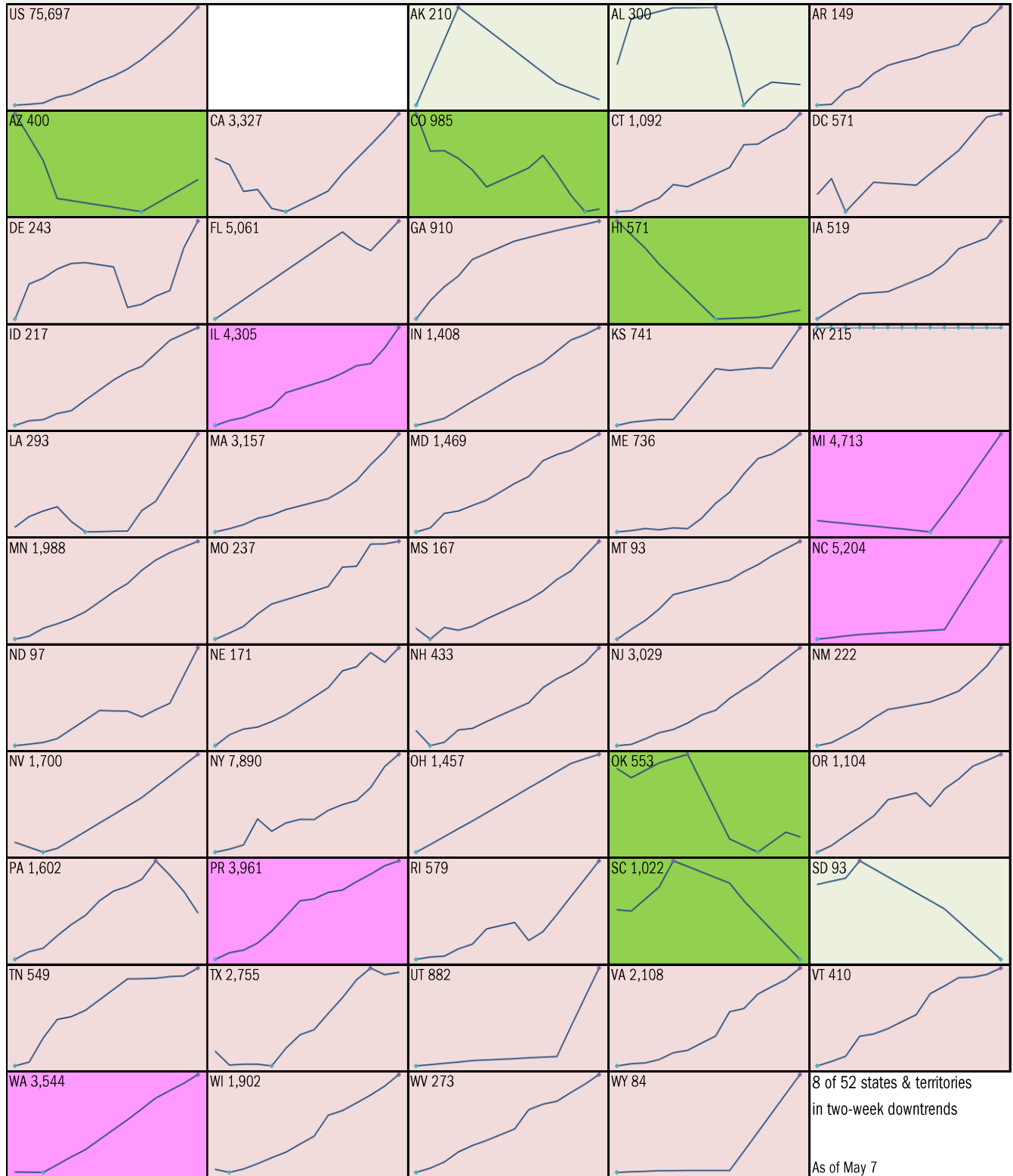


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

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

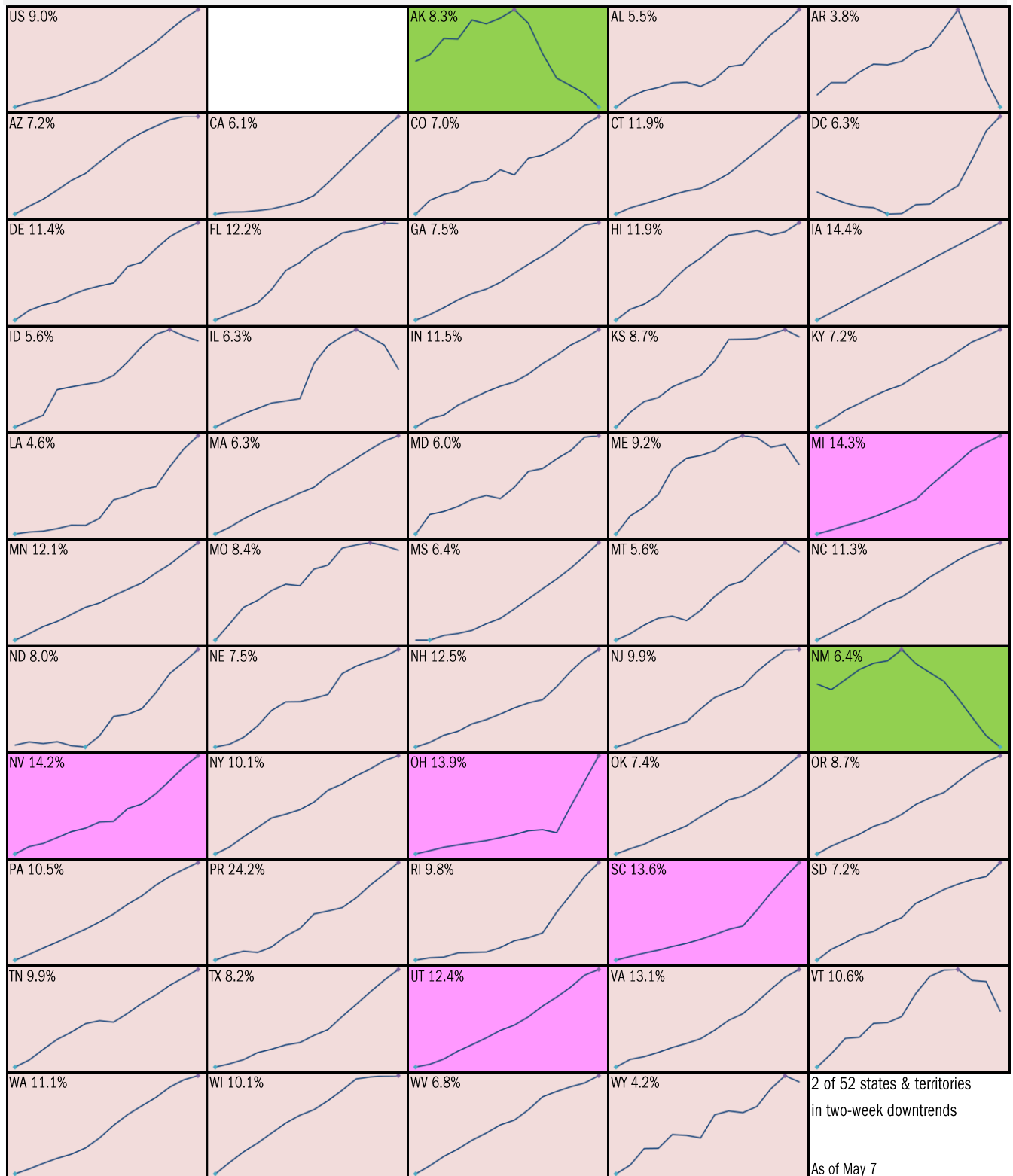


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

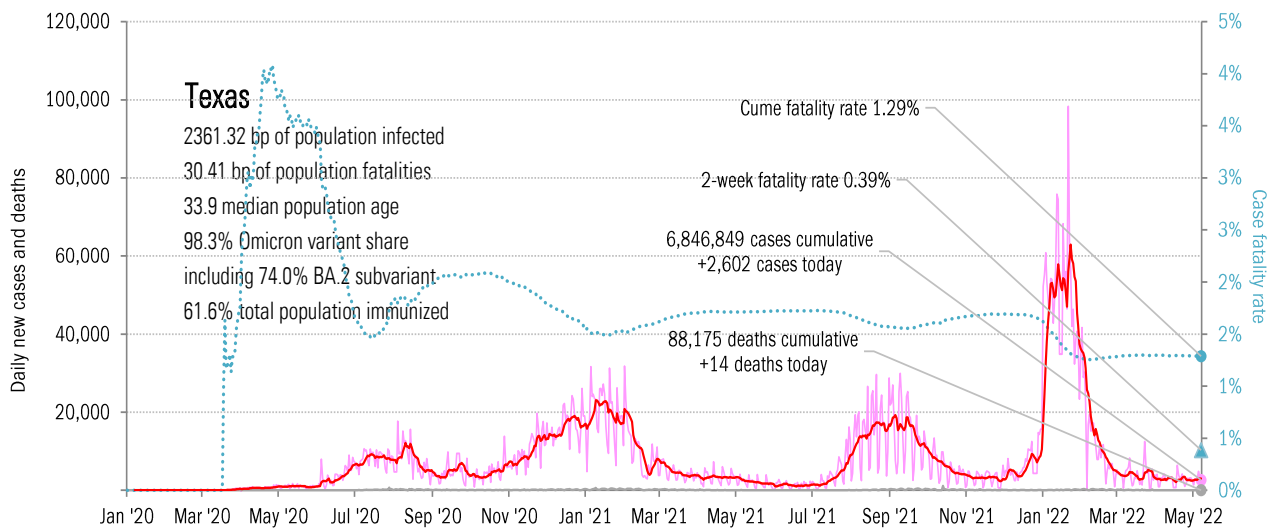
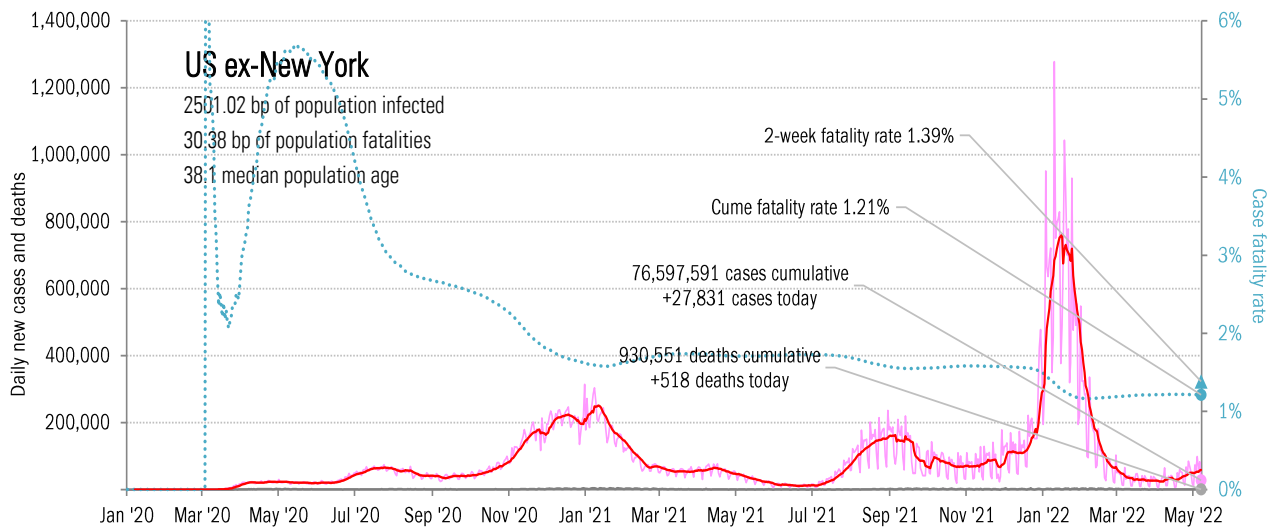
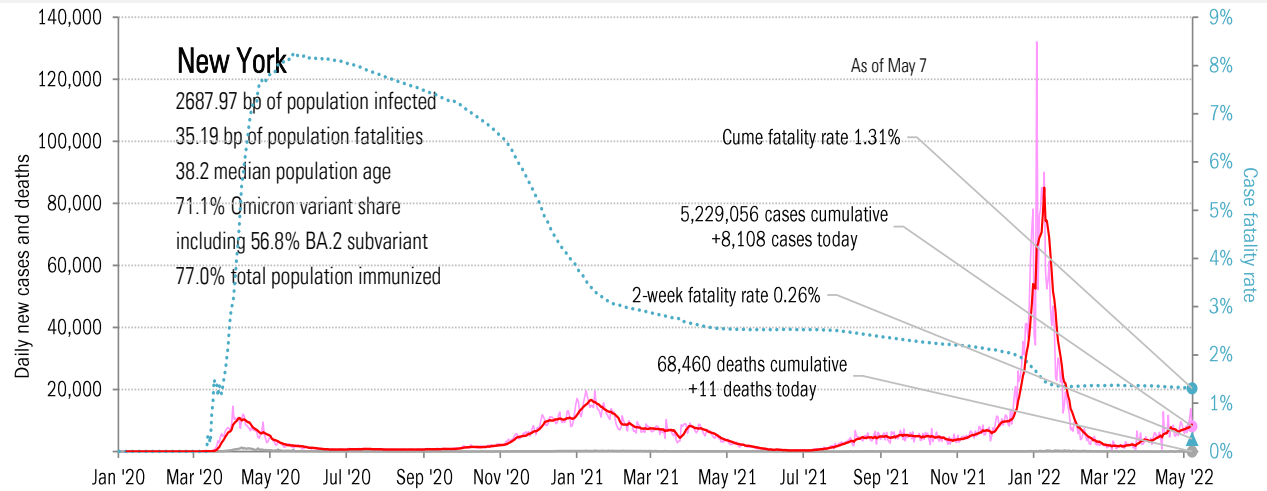
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

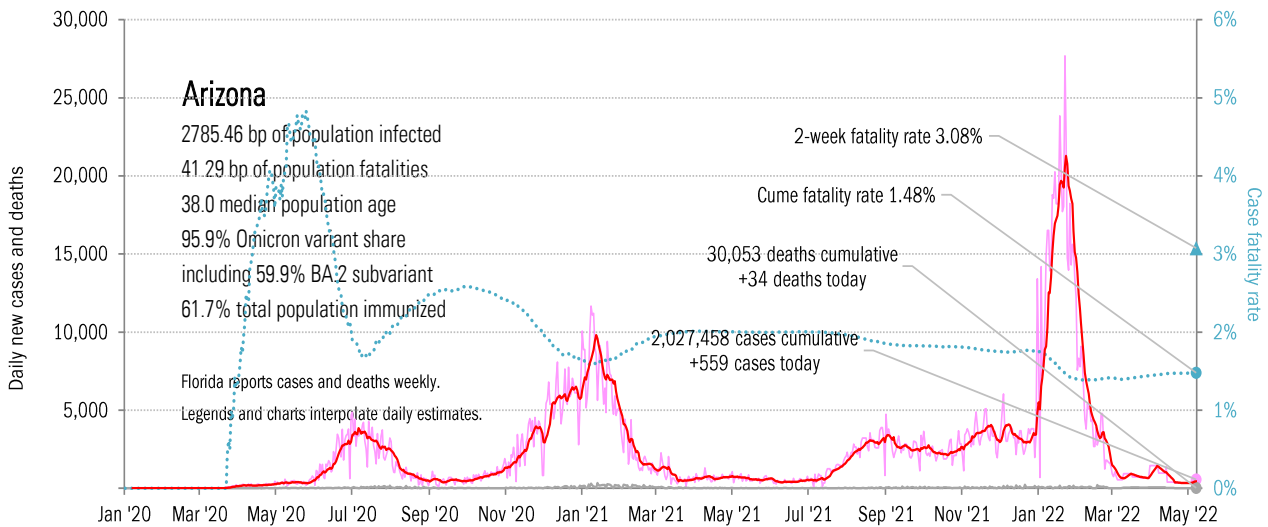
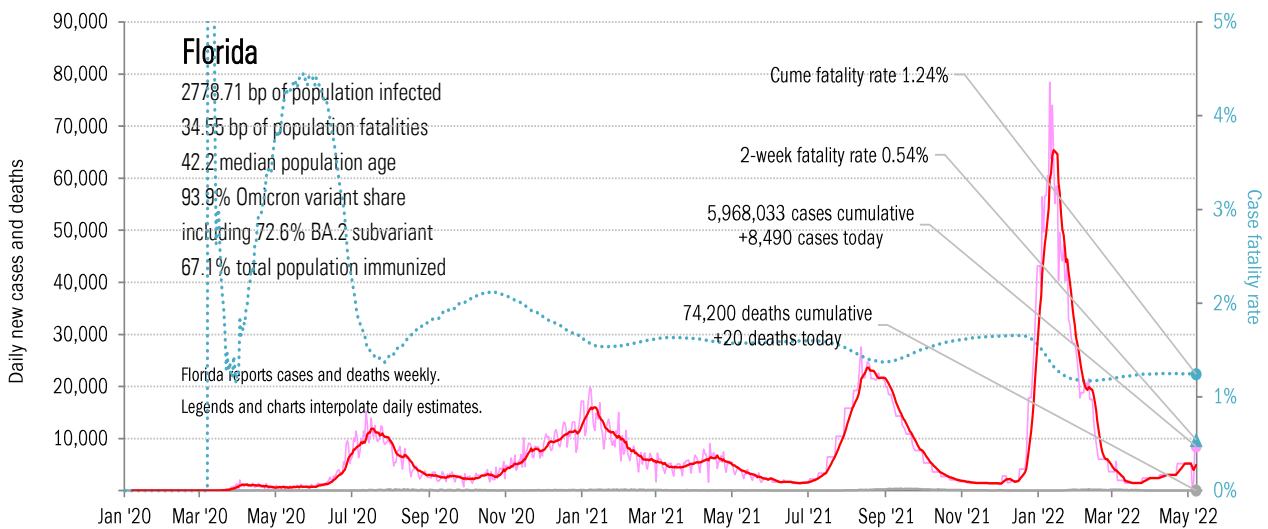
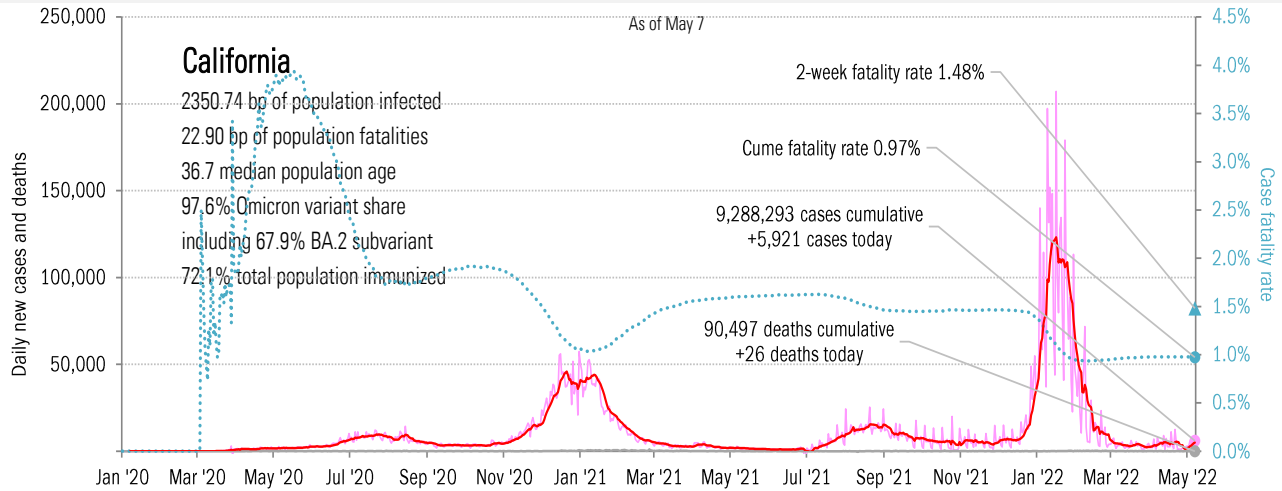
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

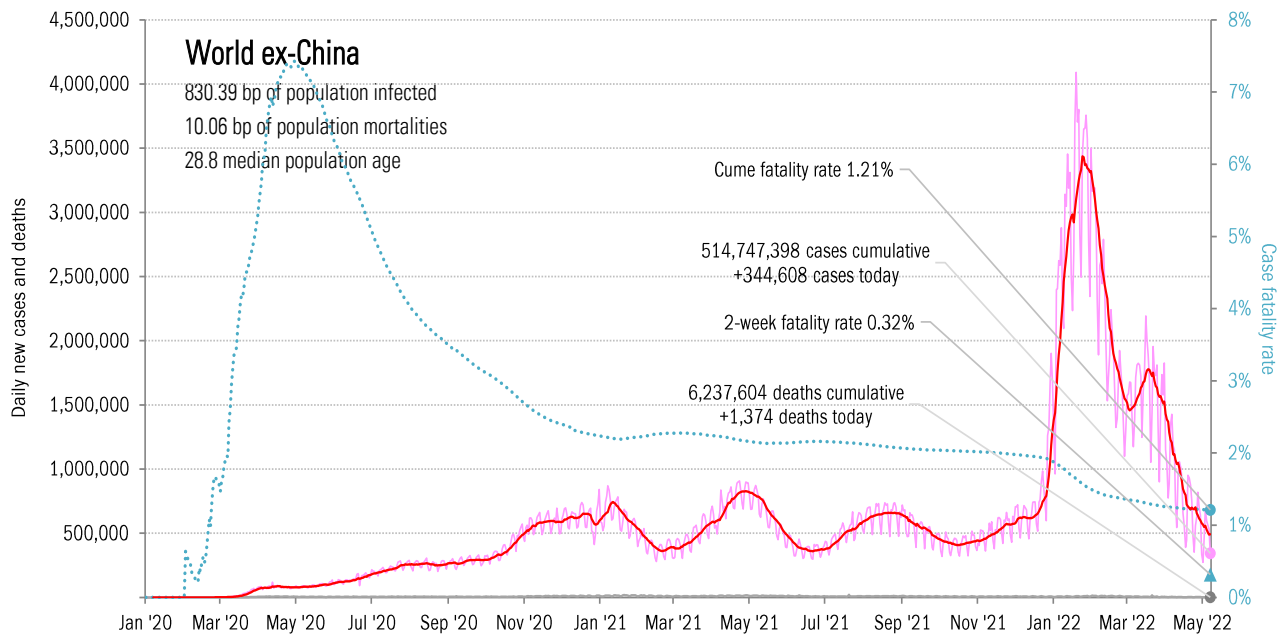
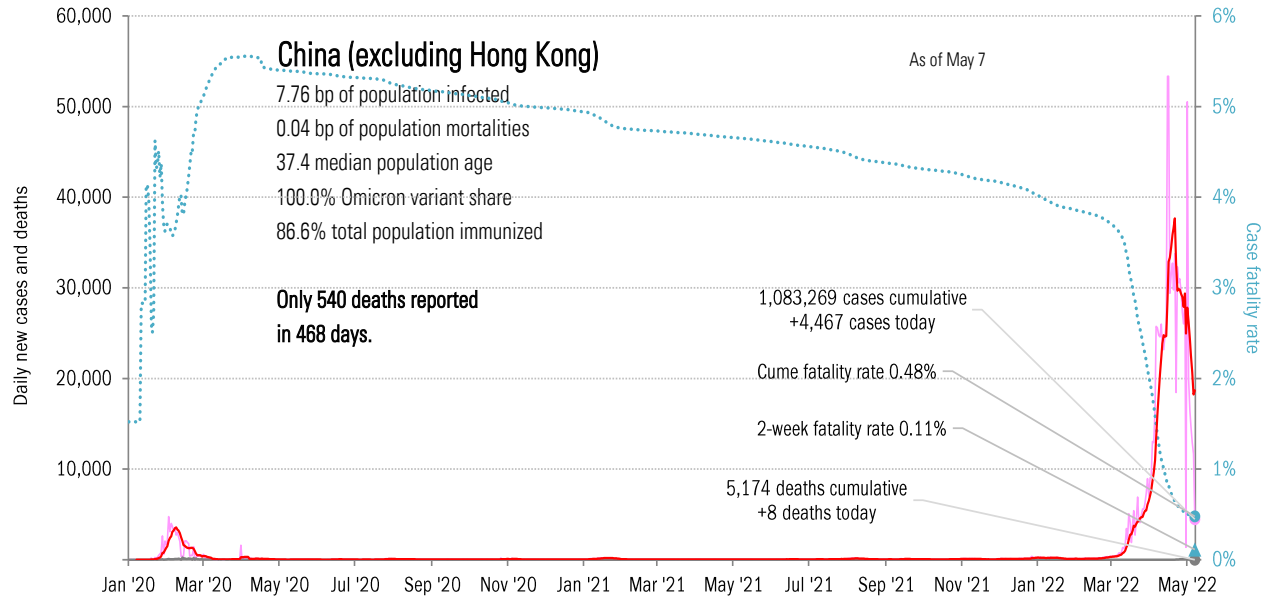
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

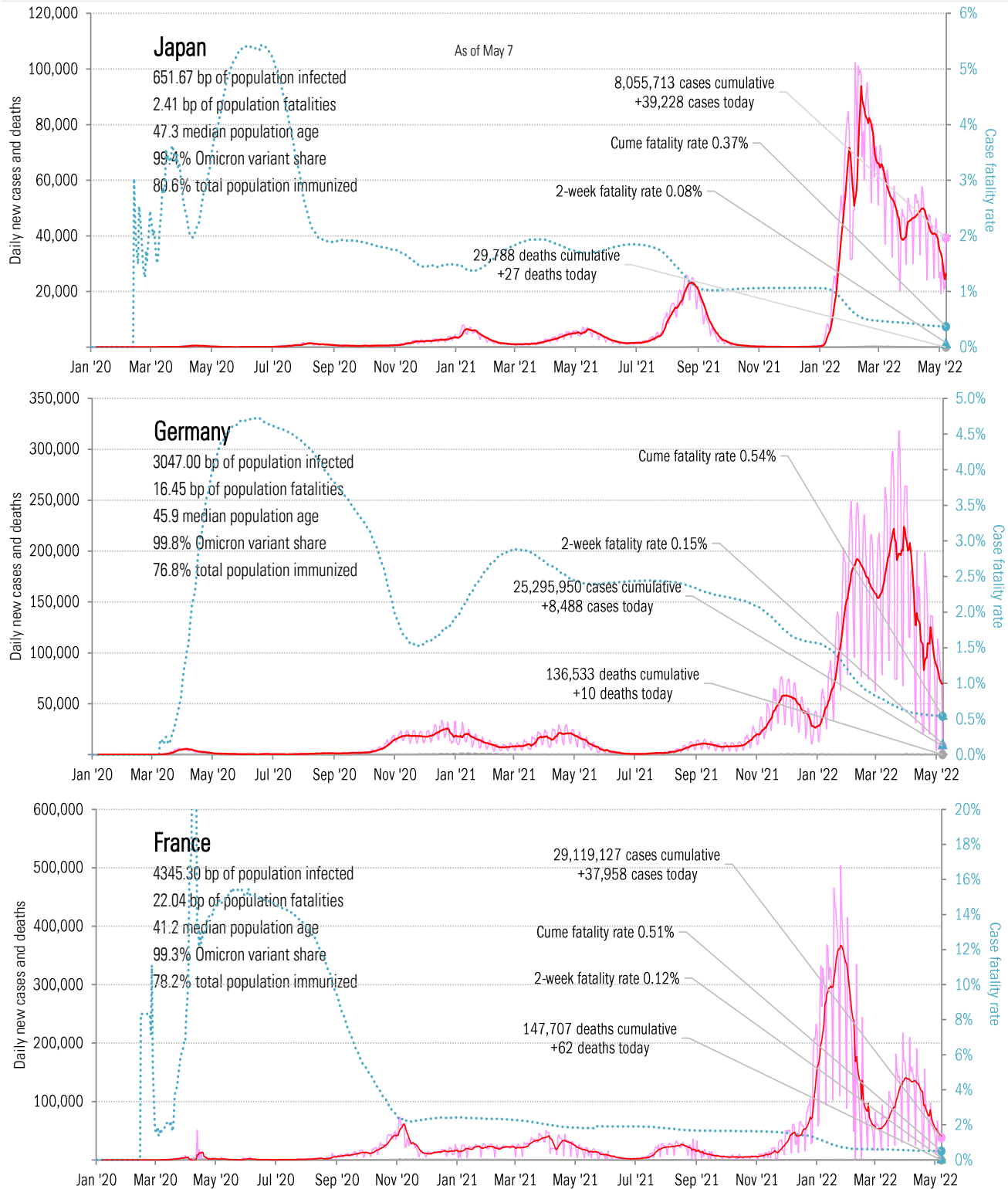
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

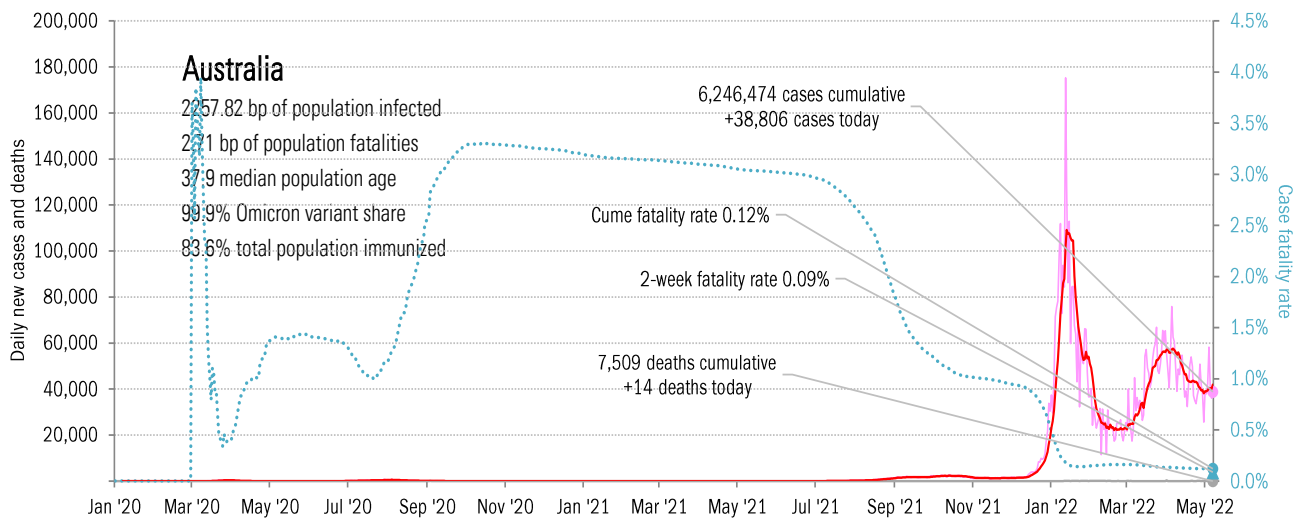
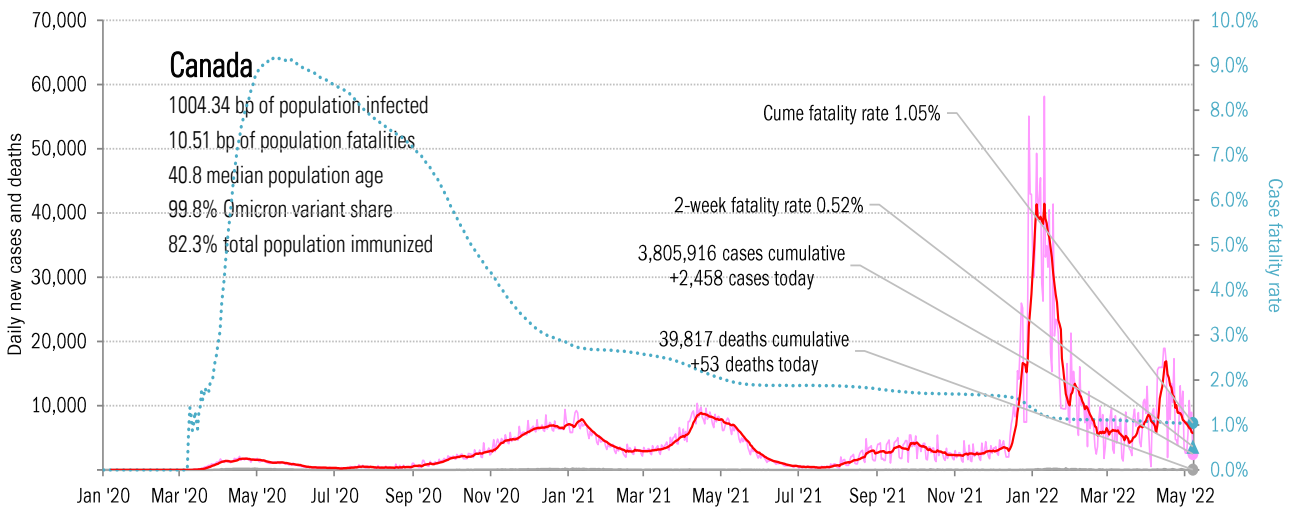
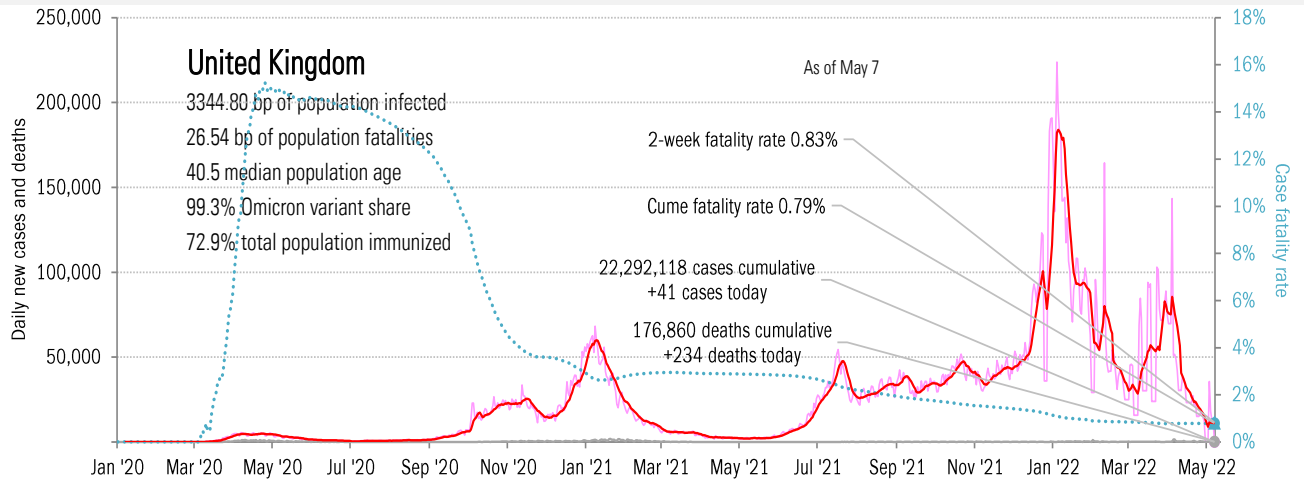
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

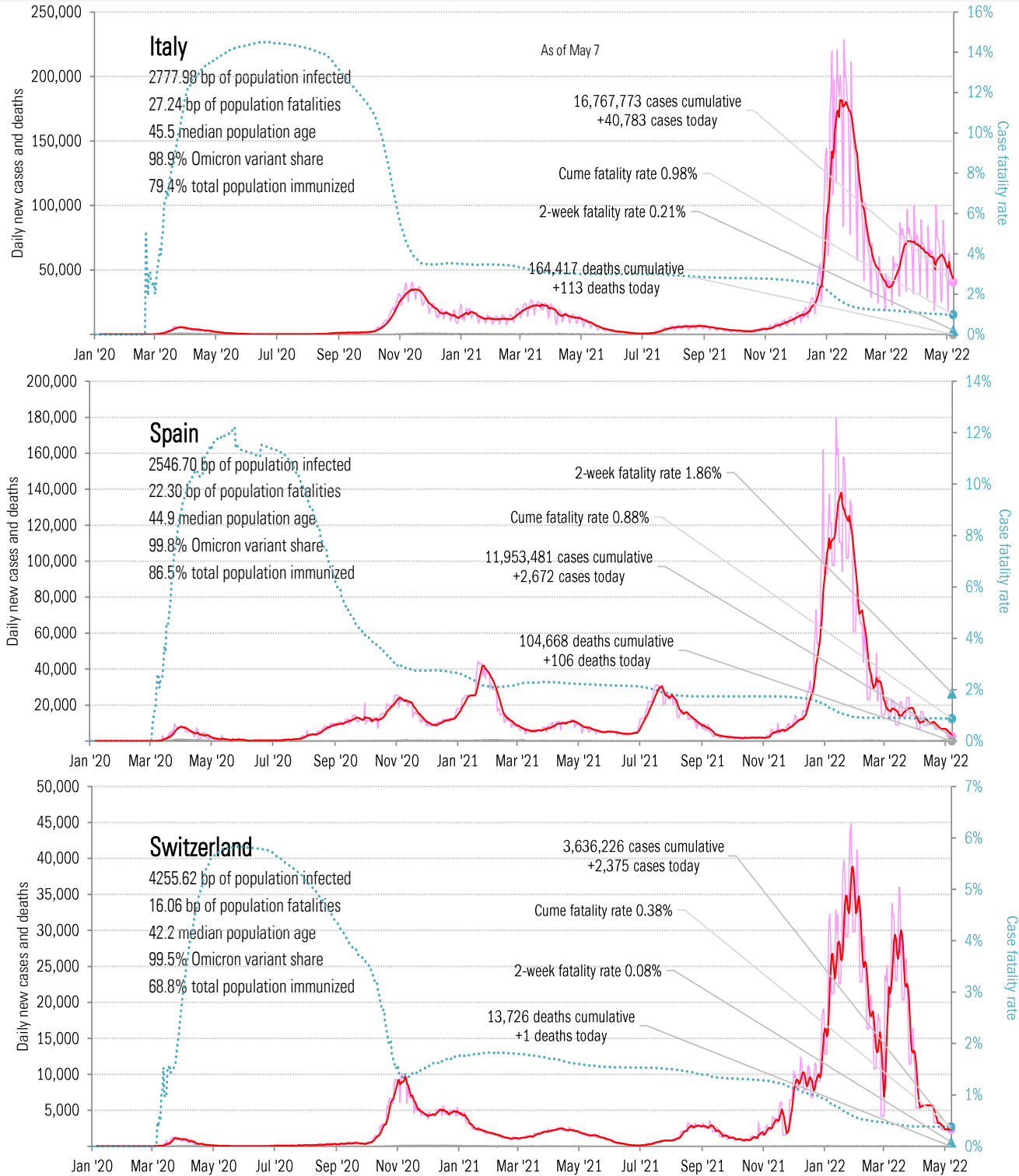
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

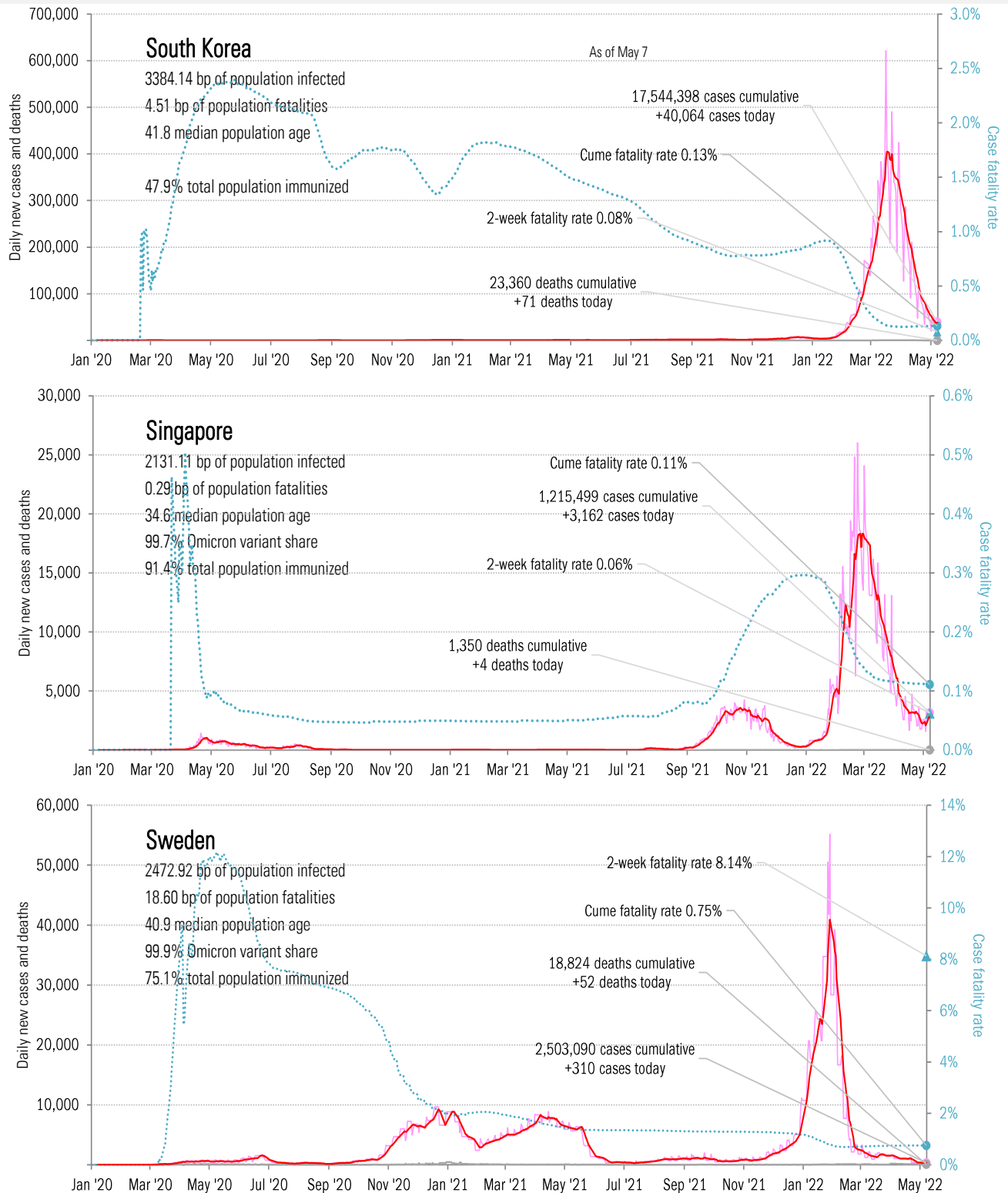
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

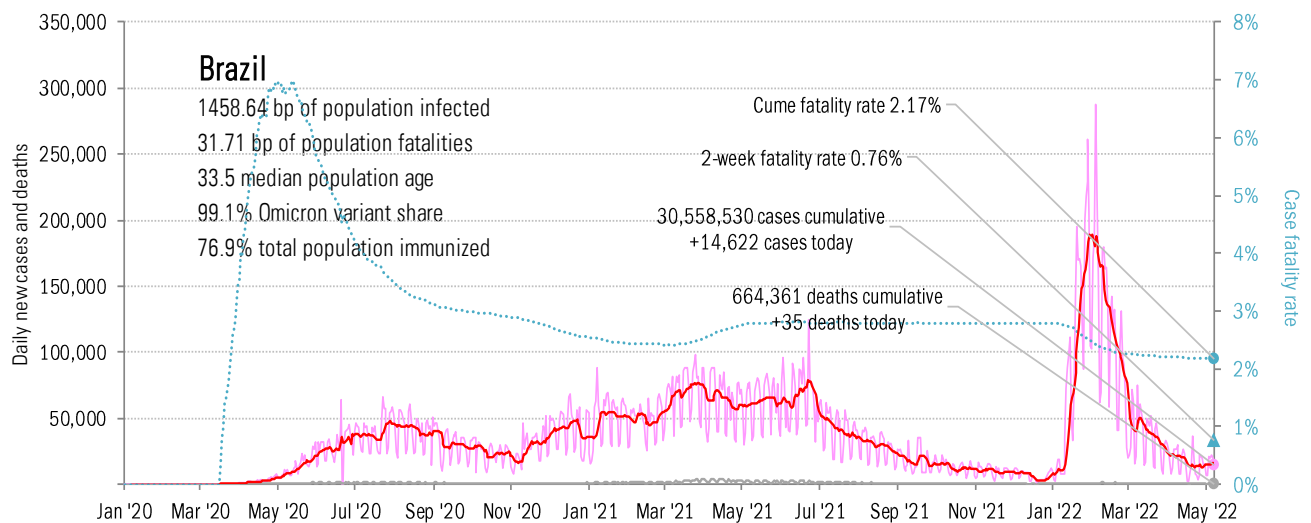
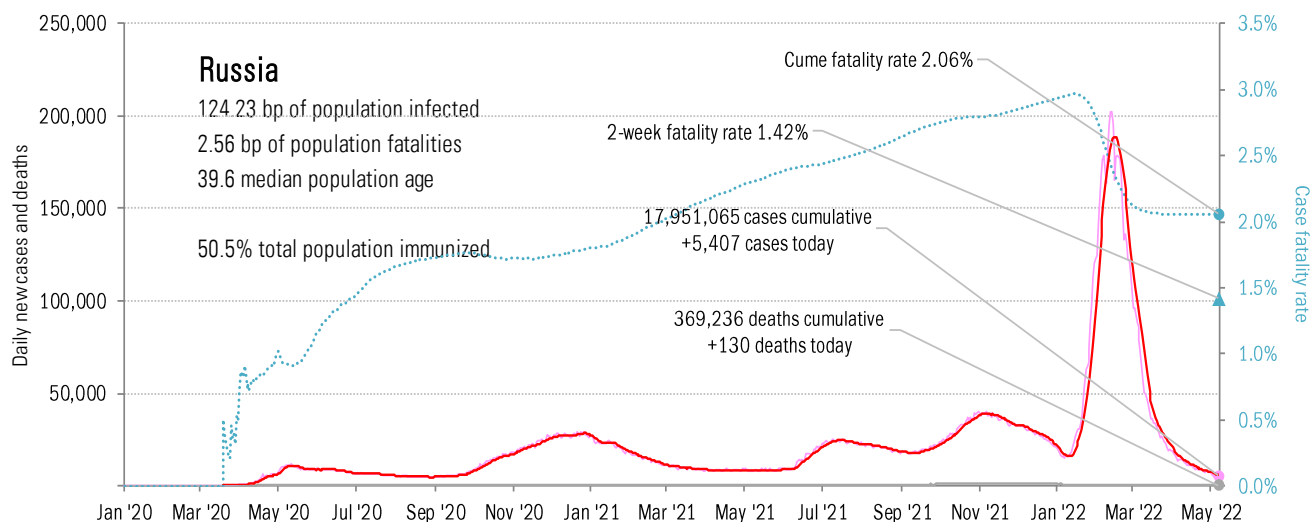
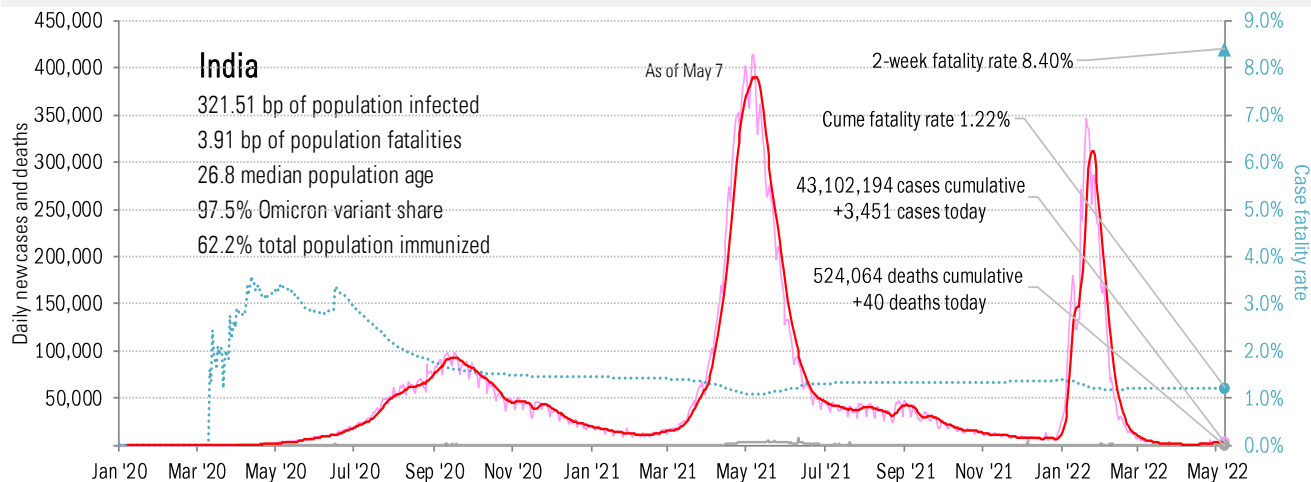
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

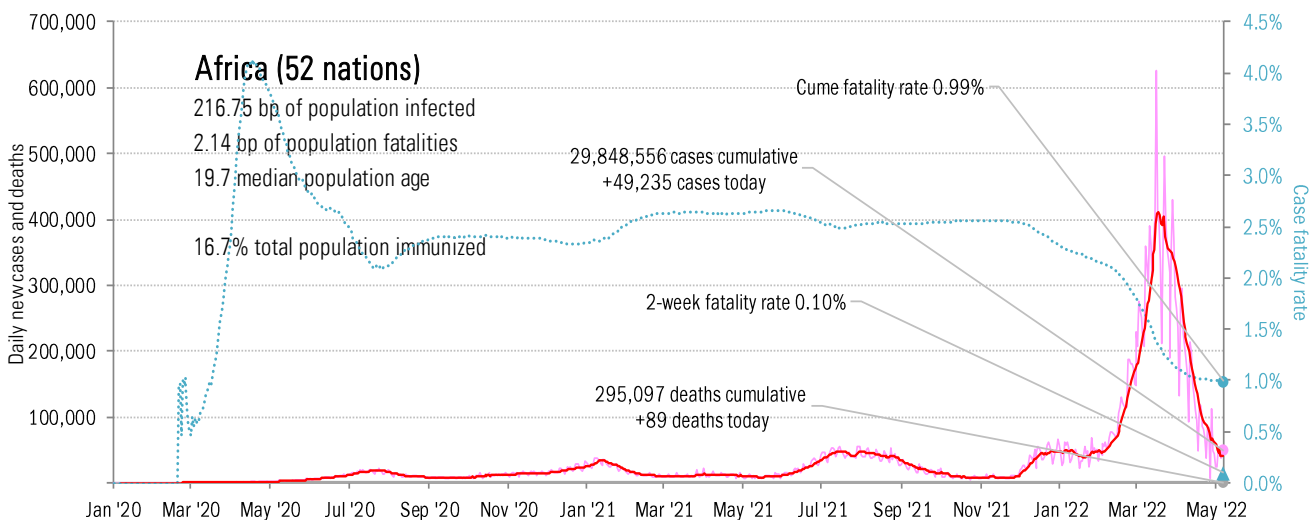
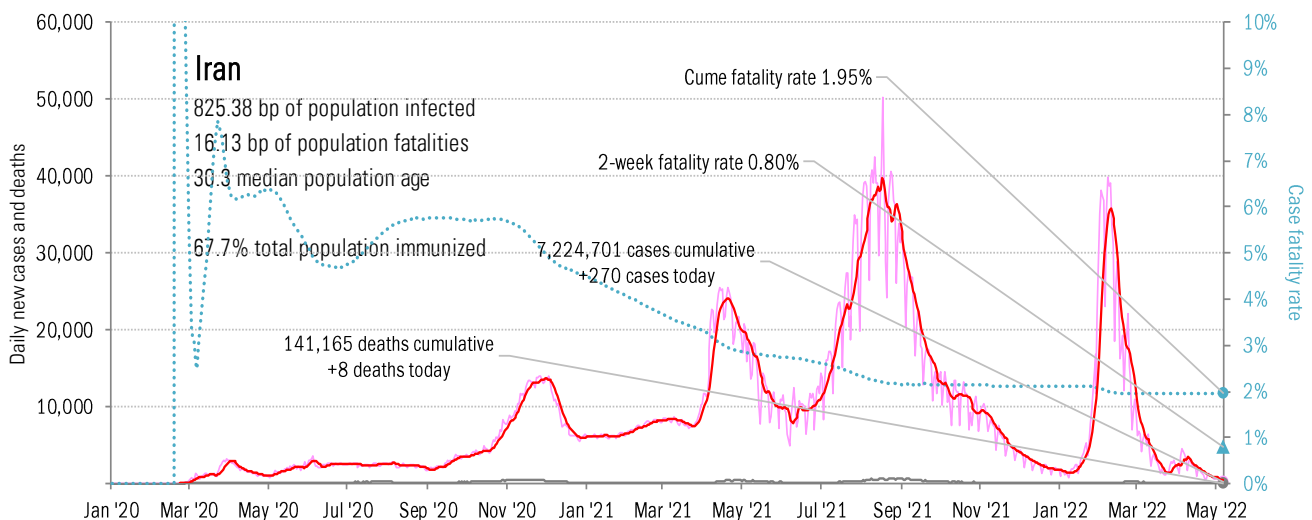
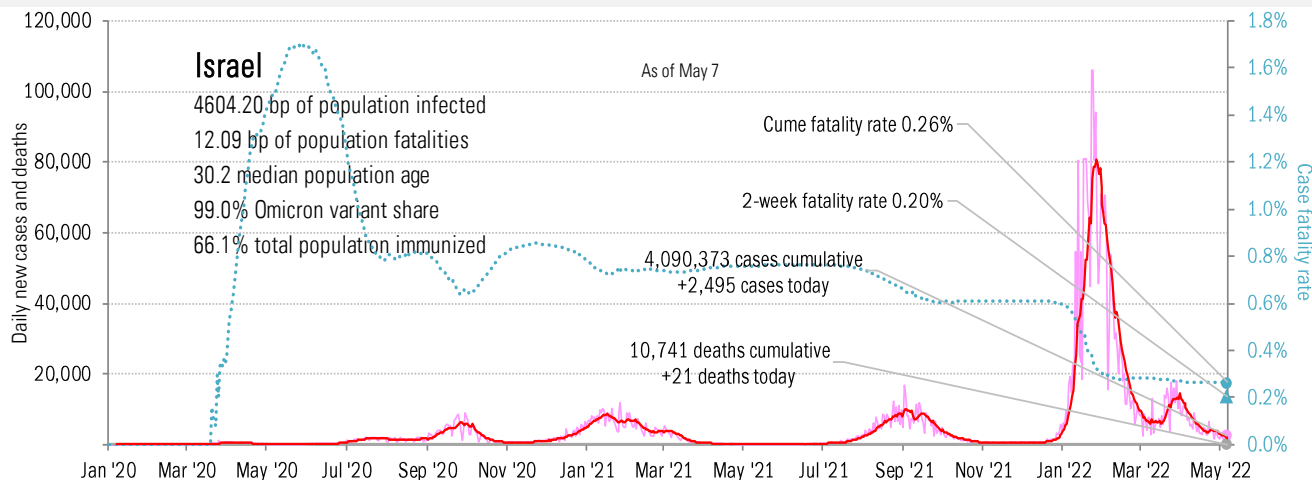
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

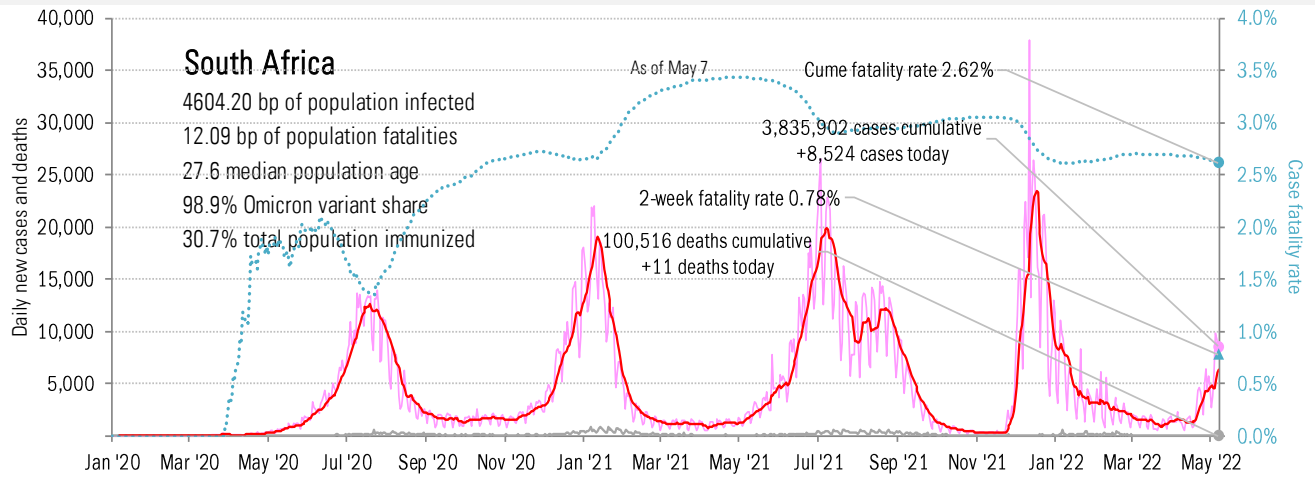
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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