

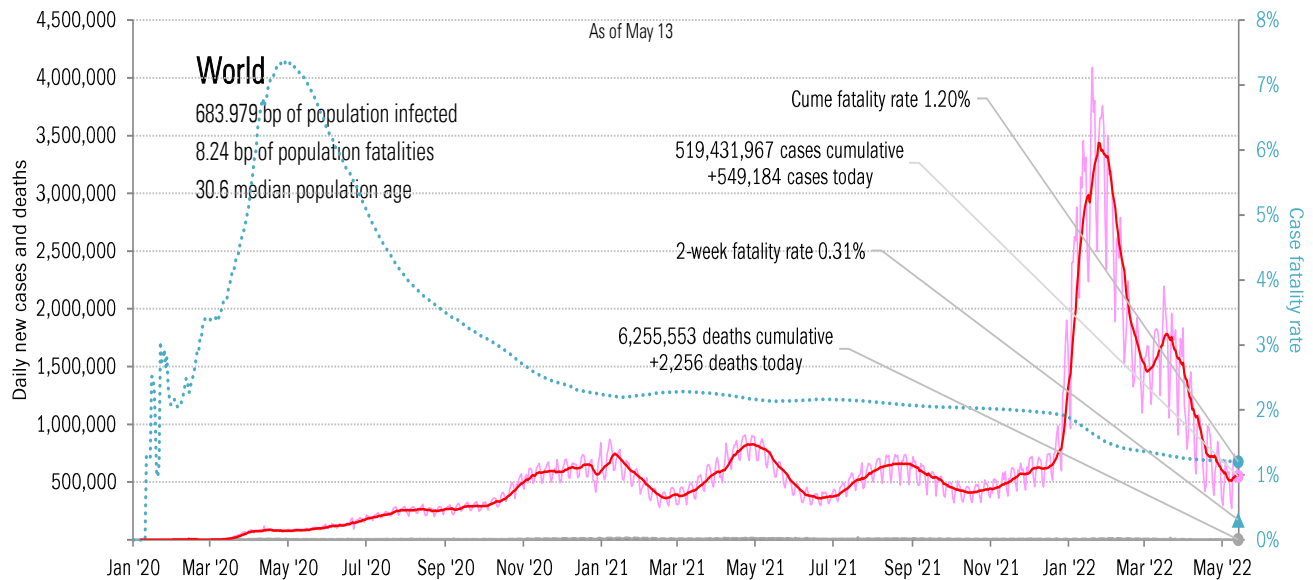
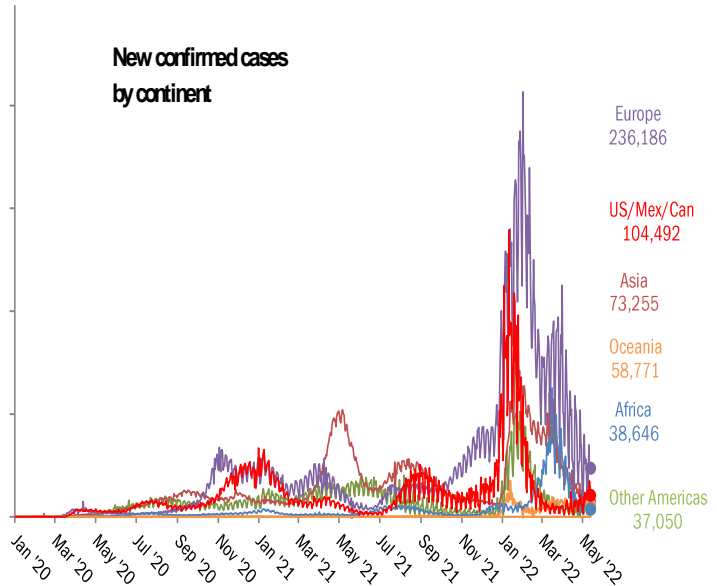
Data Insights: Covid-2019 Monitor

Saturday, May 14, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	96,721	United States	503
Spain	68,234	Spain	321
Germany	61,859	United Kingdom	151
Australia	51,486	Germany	144
Japan	39,570	Brazil	138
Italy	39,029	Italy	115
France	32,808	South Africa	114
Korea, South	29,541	Russia	103
Brazil	25,609	France	99
South Africa	8,349	Canada	90
453,206		1,778	
World	549,184	World	2,256
Top ten	83%	Top ten	79%



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

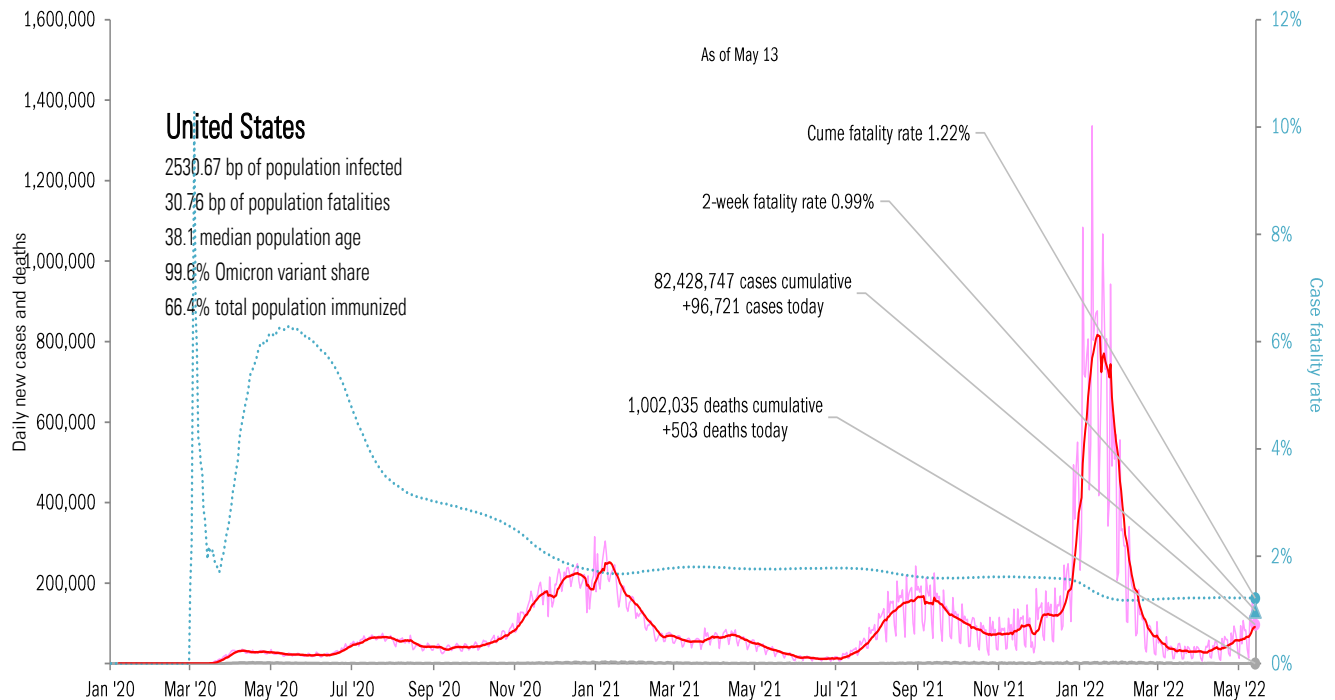
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use		
CA	22,519		CA	136		WA	102		CA	9,349,673		CA	90,782		TX	491,658		RI	92%		RI	89%
IL	8,411		CT	31		IL	174		TX	6,868,160		TX	88,240		CA	429,323		MA	86%		DE	86%
NJ	6,488		KS	28		TX	159		FL	6,008,714		FL	74,301		FL	419,729		MN	85%		AL	83%
WA	6,352		NY	24		CH	127		NY	5,280,137		NY	68,603		NY	256,108		MO	84%		TX	82%
TX	5,928		WA	21		NJ	131		IL	3,209,341		PA	44,814		GA	208,332		PA	84%		NM	81%
MA	5,478		FL	17		GA	71		PA	2,850,343		CH	38,550		CH	193,142		GA	83%		UT	81%
FR	5,358		TX	14		CA	241		CH	2,724,041		GA	38,086		PA	178,897		MD	83%		MA	80%
VA	3,295		MN	12		CT	71		NC	2,691,805		MI	36,140		IL	160,144		NH	82%		VT	80%
MN	2,914		MA	10		MI	148		GA	2,530,918		IL	36,138		MI	144,108		MI	82%		NH	80%
WI	2,912		NJ	8		FR	48		MI	2,472,596		NJ	33,537		KY	133,453		DE	82%		NC	80%
69,655			301			1,272			43,985,728			549,191			2,614,894							
All states	96,721			503			3,103		All states	82,428,747			1,002,035			4,747,569		All states	70%			67%
Top ten	72%			60%			41%		Top ten	53%			55%			55%		Median	76%			74%

Some states not reporting

Five most improved US states

Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
CH -15,970	FL -134	NY -269	AZ +10 bp
NY -11,150	CH -57	MA -46	DE +10 bp
CO -8,439	CK -56	FL -40	VT +10 bp
FL -6,561	AL -12	NC -33	AK +0 bp
UT -3,385	CO -8	CO -32	AL +0 bp

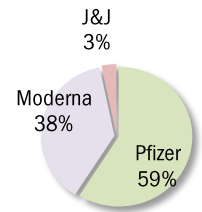


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	596,275,393		+0.206 million	US	66.4%	77.6%
Boosters	44,540,205		+0.017 million	UK	73.0%	78.1%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	265,540,215	79%	226,817,036	68%	+0.022 million	France 78.3% 80.6%
Age 12 to 17	17,729,977	70%	15,174,610	60%	+0.002 million	Spain 86.6% 88.2%
Age 18 to 64	178,505,286	88%	151,864,728	75%	+0.009 million	Germany 76.8% 76.9%
Age 65 and over	58,939,430	100%	51,405,838	94%	+0.007 million	Italy 79.4% 84.1%

Australia	83.6%	86.5%
Israel	66.1%	72.2%
Canada	82.3%	85.9%
Japan	80.7%	82.0%
Africa	16.9%	22.3%
India	62.7%	72.3%
Brazil	77.2%	85.6%
China	86.7%	89.1%



State
AK
69.8%
62.5%

State
At least partial immunity as % population
Full immunity as % population

Best

Middle

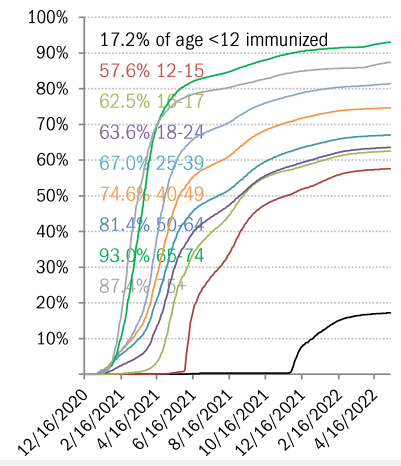
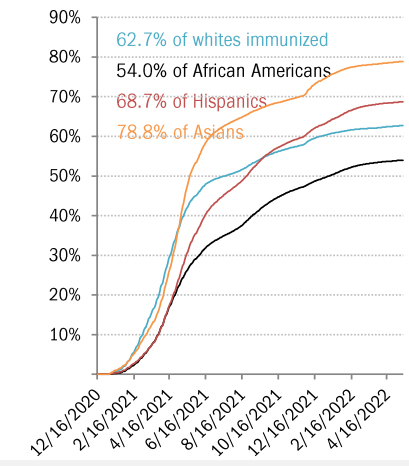
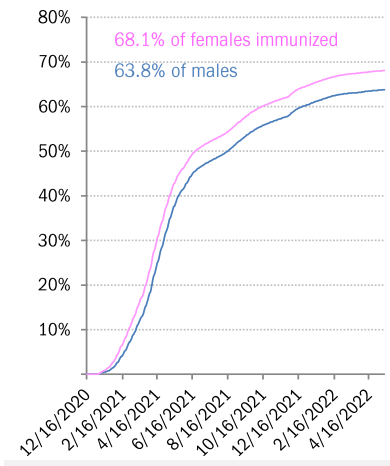
Worst

"Immunity" = two doses

As of May 13

					WI 72.0% 65.7%					ME 90.8% 79.8%
WA 80.9% 72.7%	ID 61.7% 54.6%	MT 65.4% 56.9%	ND 65.7% 55.7%	MN 75.2% 69.3%	IL 76.7% 69.0%	MI 67.1% 60.3%		NY 90.4% 77.1%	VT 93.8% 81.4%	NH 88.6% 70.7%
OR 78.0% 69.8%	NV 75.4% 61.0%	WY 58.1% 51.0%	SD 76.8% 61.7%	IA 68.0% 62.1%	IN 61.5% 54.9%	OH 63.7% 58.8%	PA 85.1% 68.7%	NJ 90.6% 75.8%	MA 95.0% 79.2%	
CA 82.3% 72.4%	UT 72.2% 64.4%	CO 79.5% 70.4%	NE 70.4% 63.7%	MO 66.3% 56.2%	KY 66.3% 57.5%	WV 65.1% 57.7%	VA 85.9% 73.4%	MD 86.7% 75.8%	CT 95.0% 79.4%	RI 95.0% 82.8%
	AZ 73.3% 61.8%	NM 88.0% 71.3%	KS 74.6% 61.6%	AR 66.8% 54.6%	TN 62.3% 54.6%	NC 84.5% 61.5%	SC 67.8% 57.1%	DC 95.0% 77.9%	DE 83.3% 69.4%	
			OK 71.2% 57.4%	LA 61.1% 53.6%	MS 59.7% 51.9%	AL 62.8% 51.2%	GA 65.5% 54.9%			
			TX 73.4% 61.6%					FL 79.5% 67.1%		PR 95.0% 83.2%

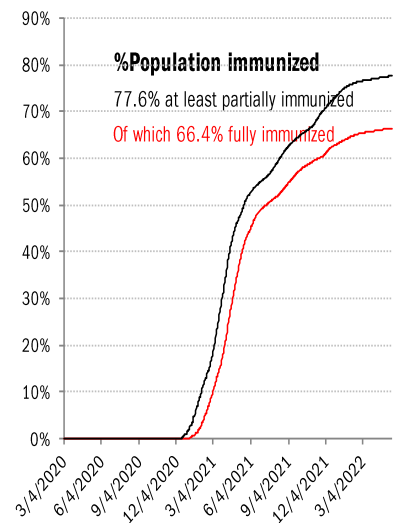
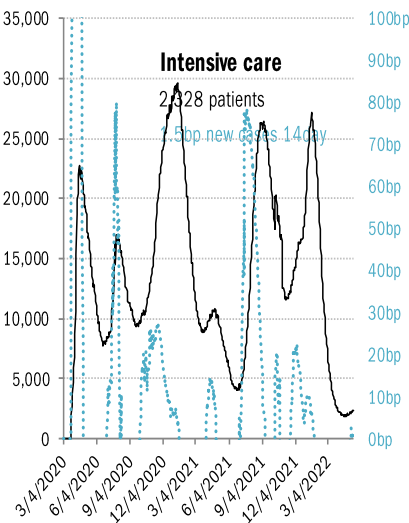
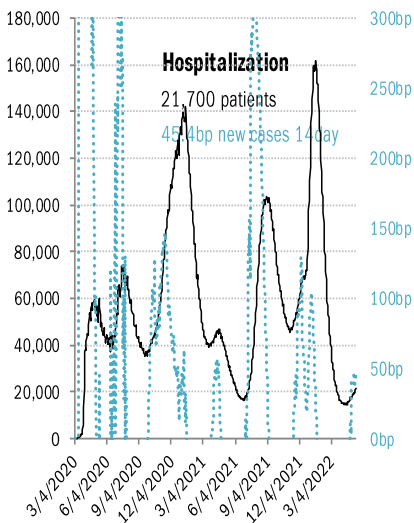
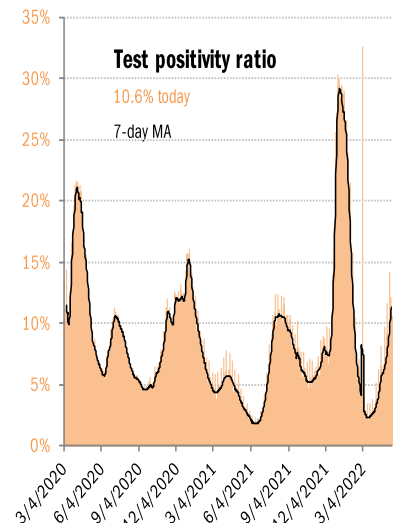
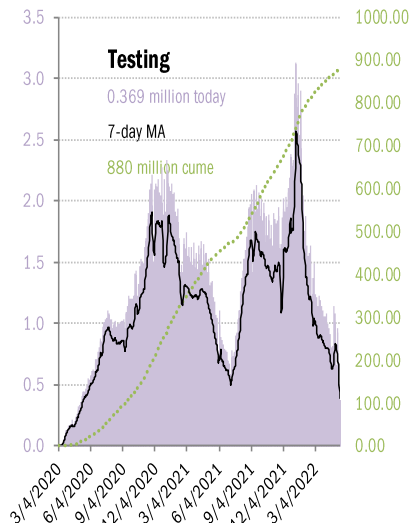
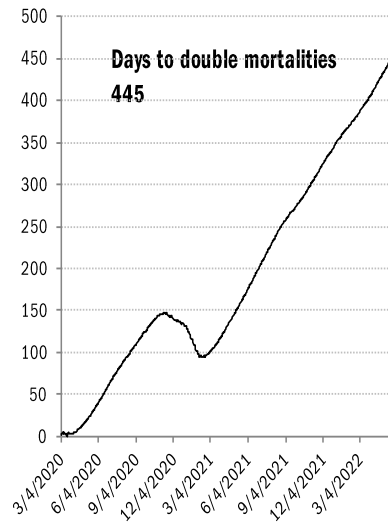
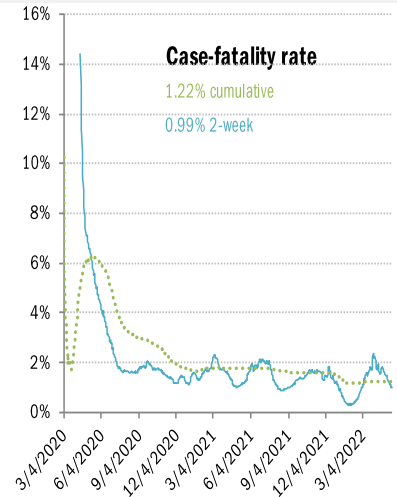
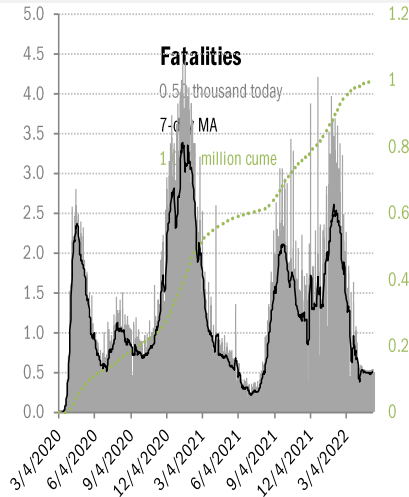
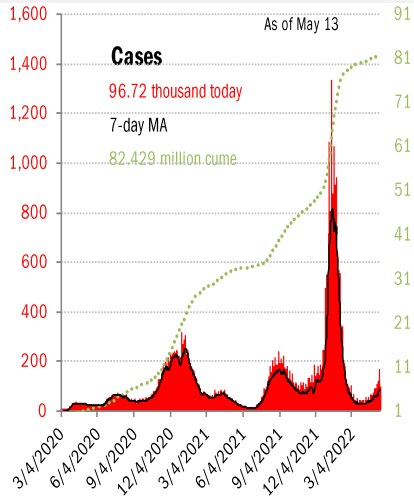
The demographics of US vaccination



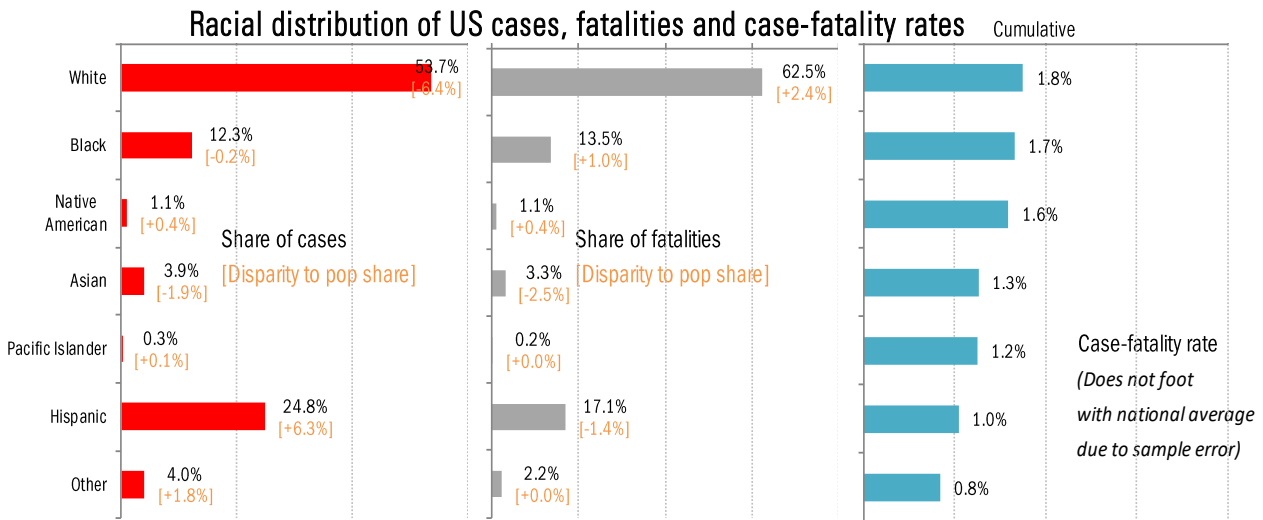
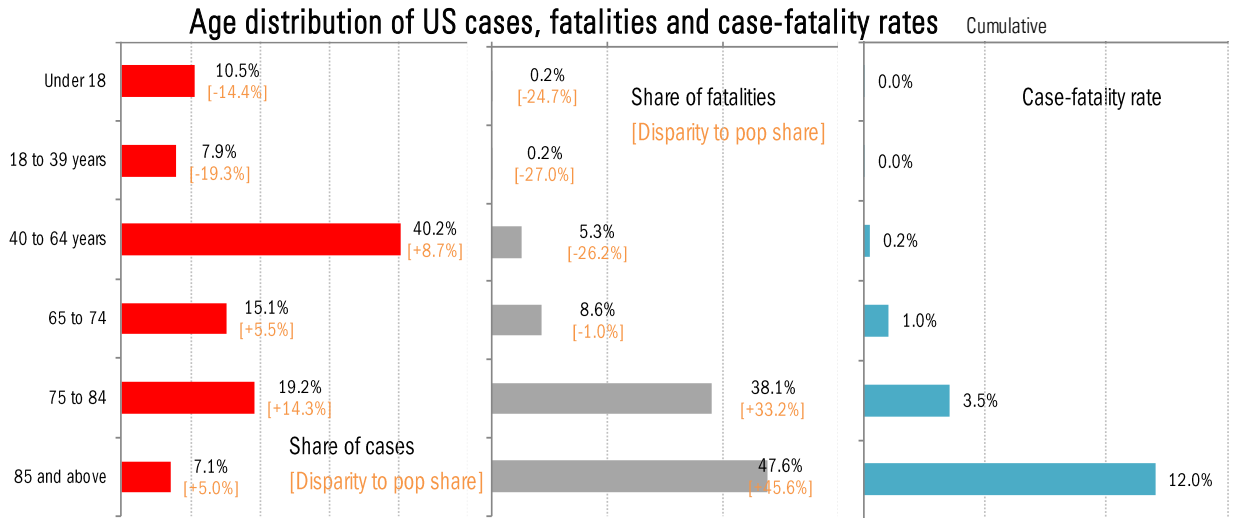
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

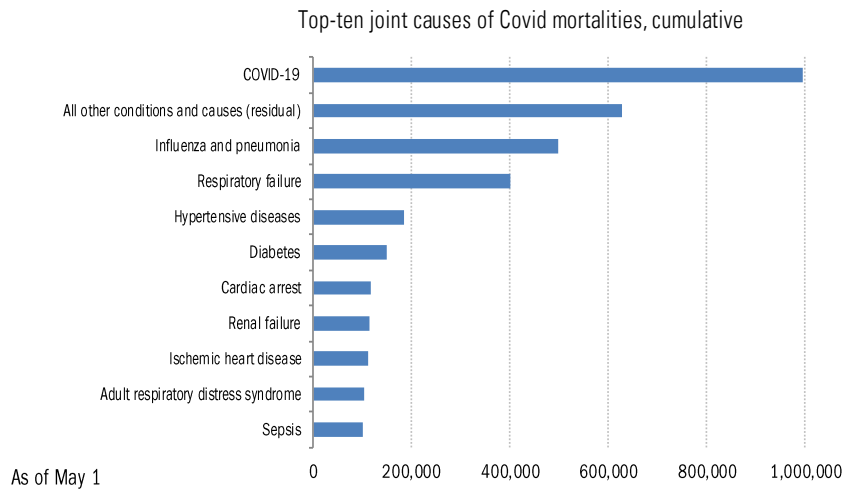
National and state-by-state data do not line up because of different sources



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

[The Plot to Keep Meatpacking Plants Open During COVID-19](#)

Michael Grabell
Pro Publica
May 13, 2022

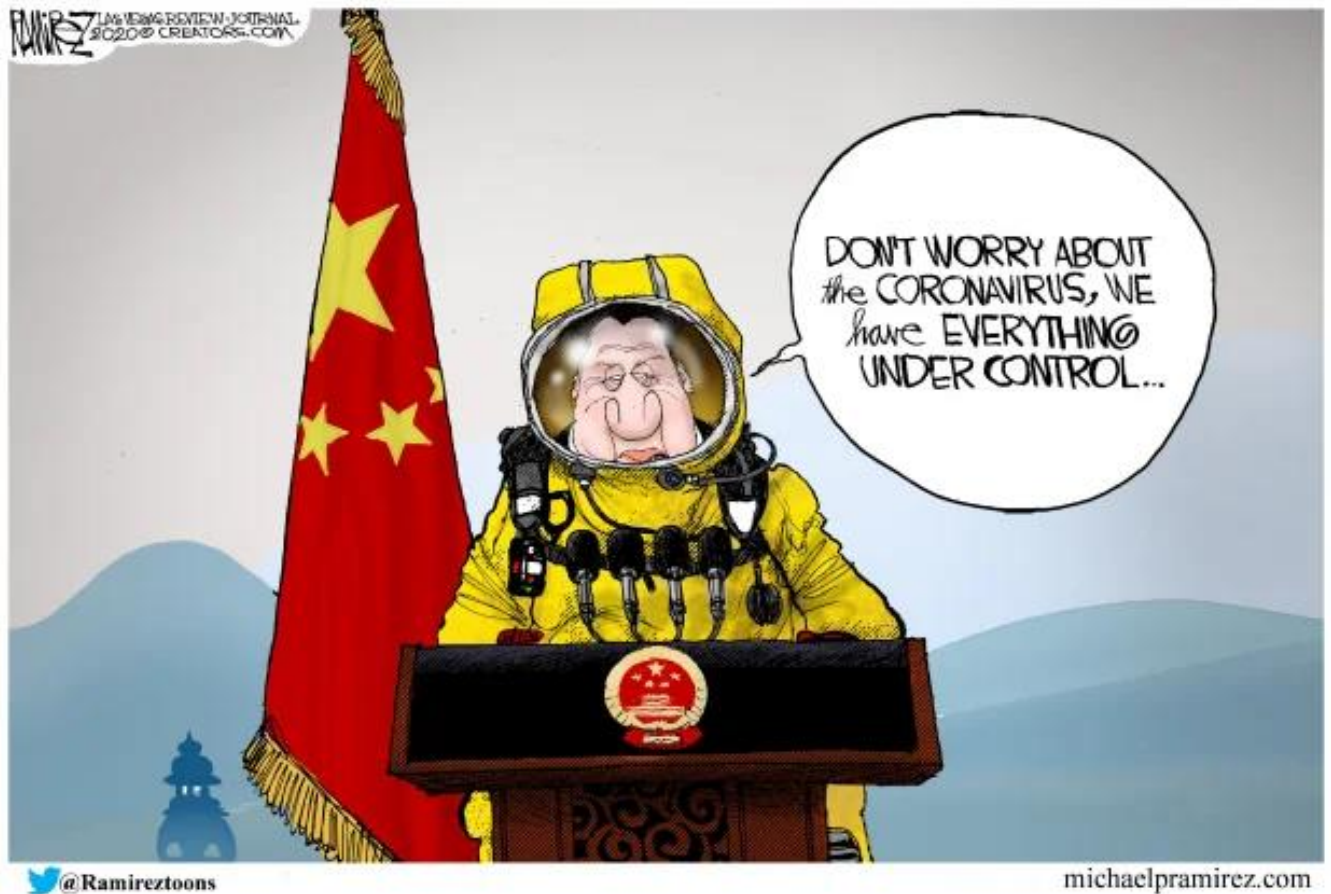
[A Million Covid Deaths Later, Americans Are Still Confused About the Virus](#)

Faye Flam
Bloomberg
May 12, 2022

[NIH director confirms agency hid early COVID genes at request of Chinese scientists](#)

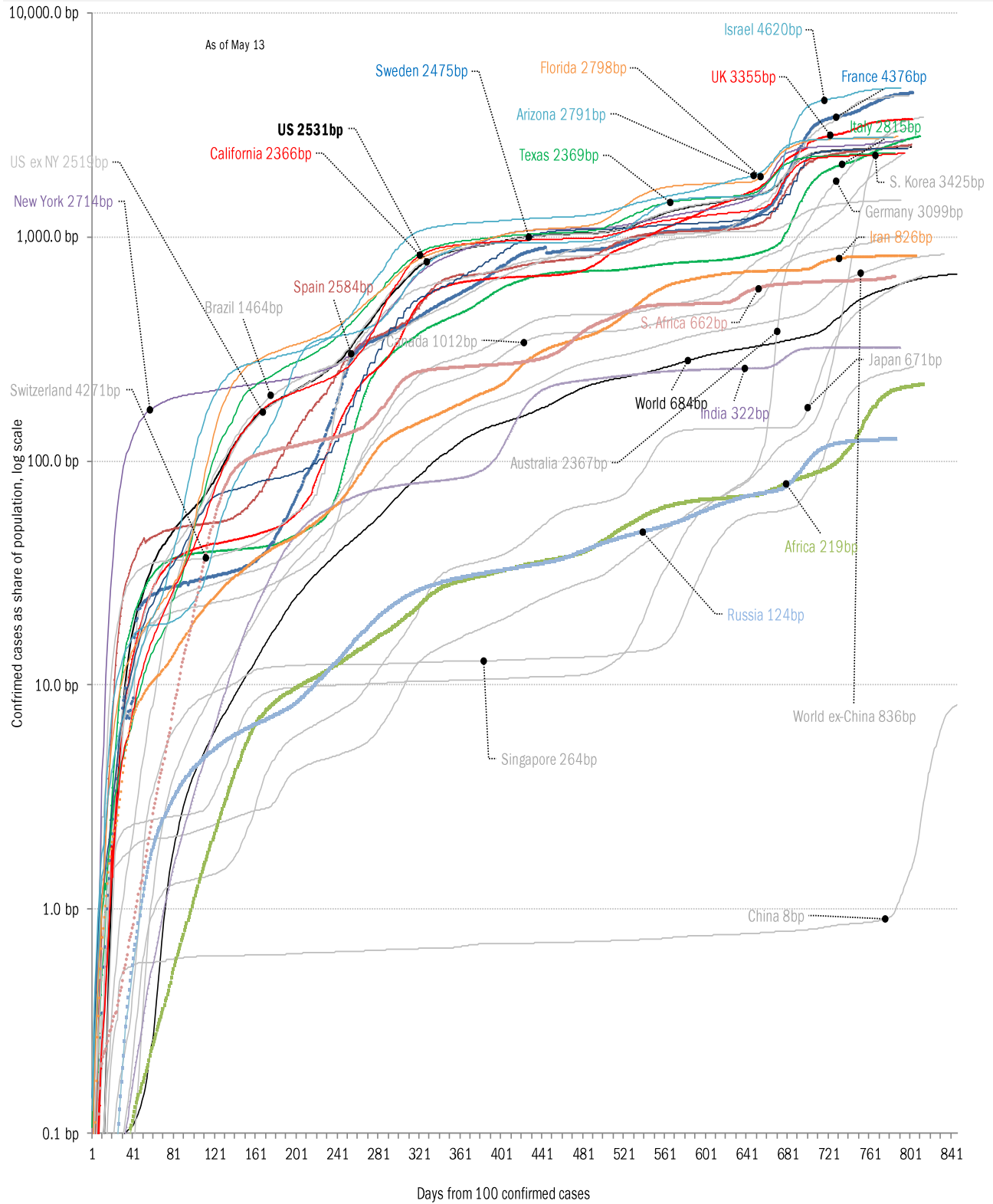
Steven Nelson
New York Post
May 11, 2022

Meme of the day



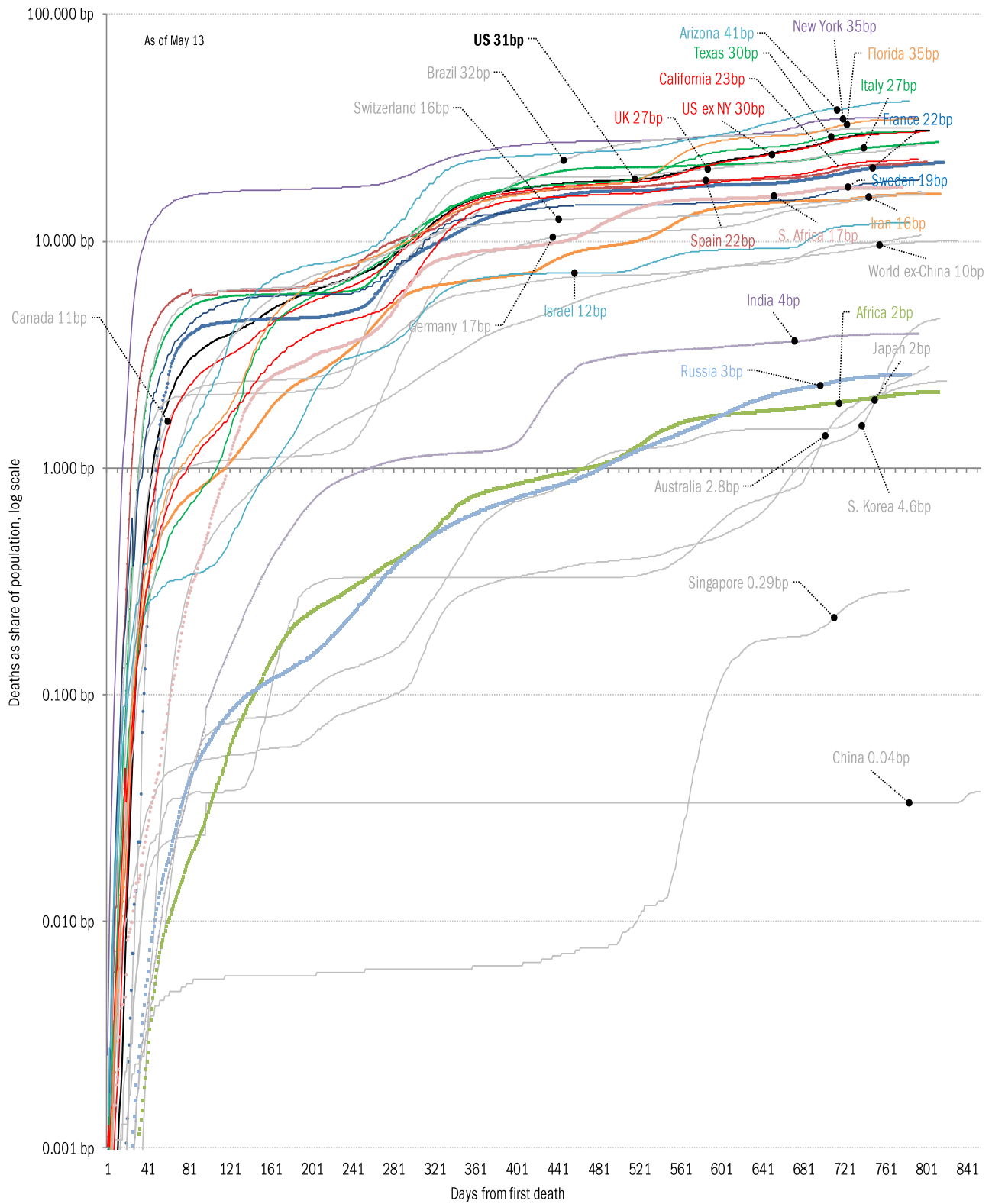
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

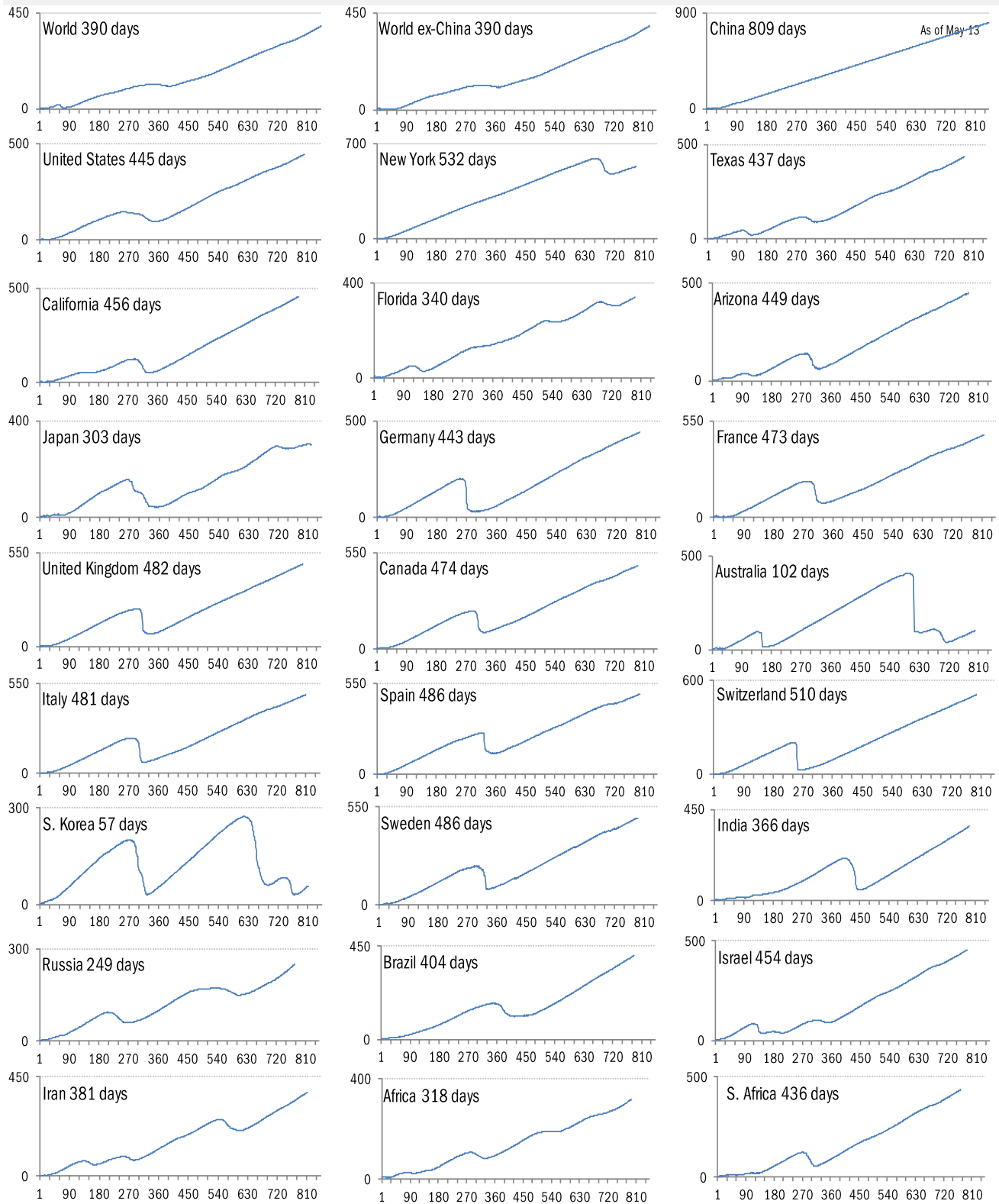


Source: [Johns Hopkins](#), TrendMacro calculations

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

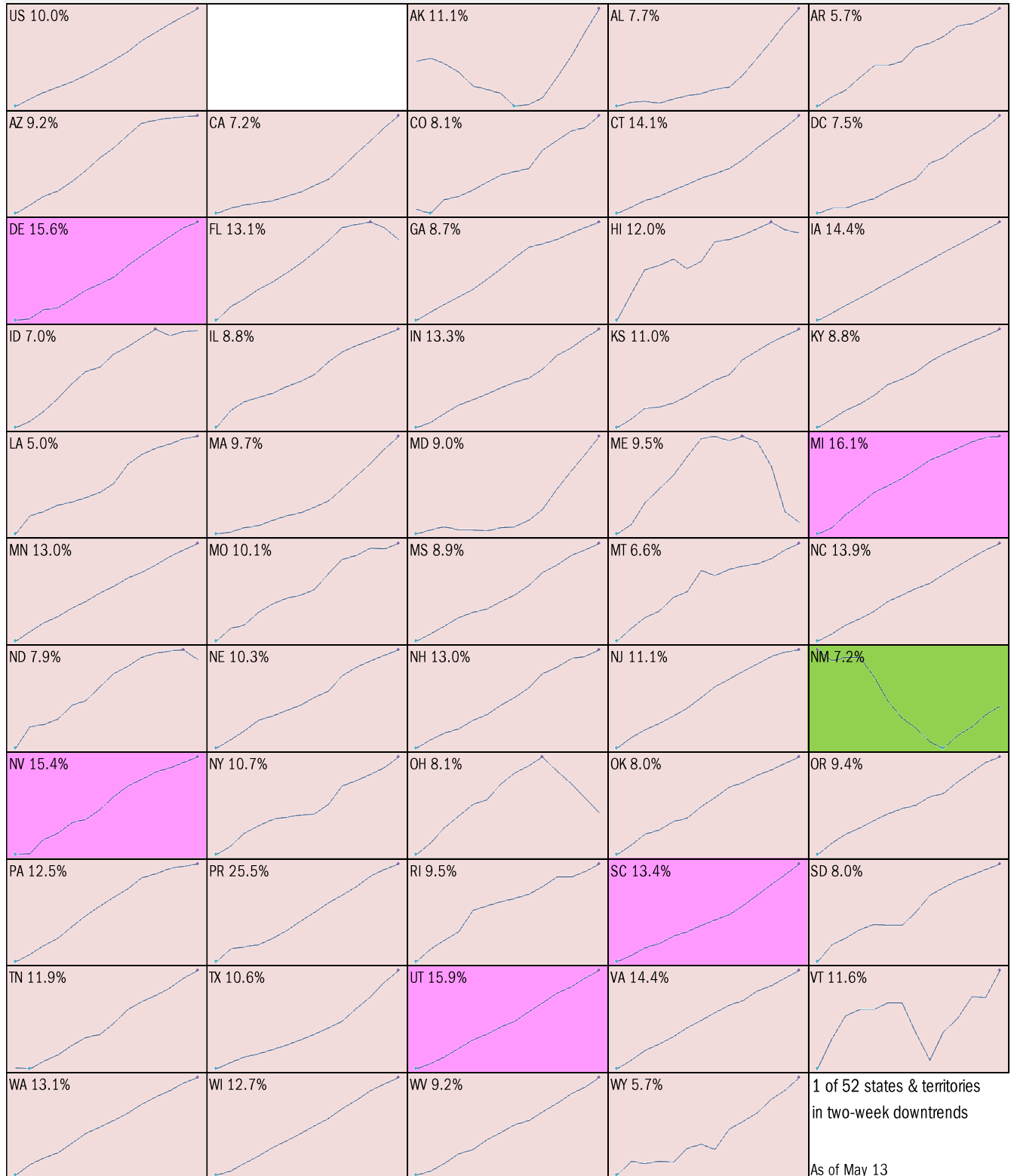


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

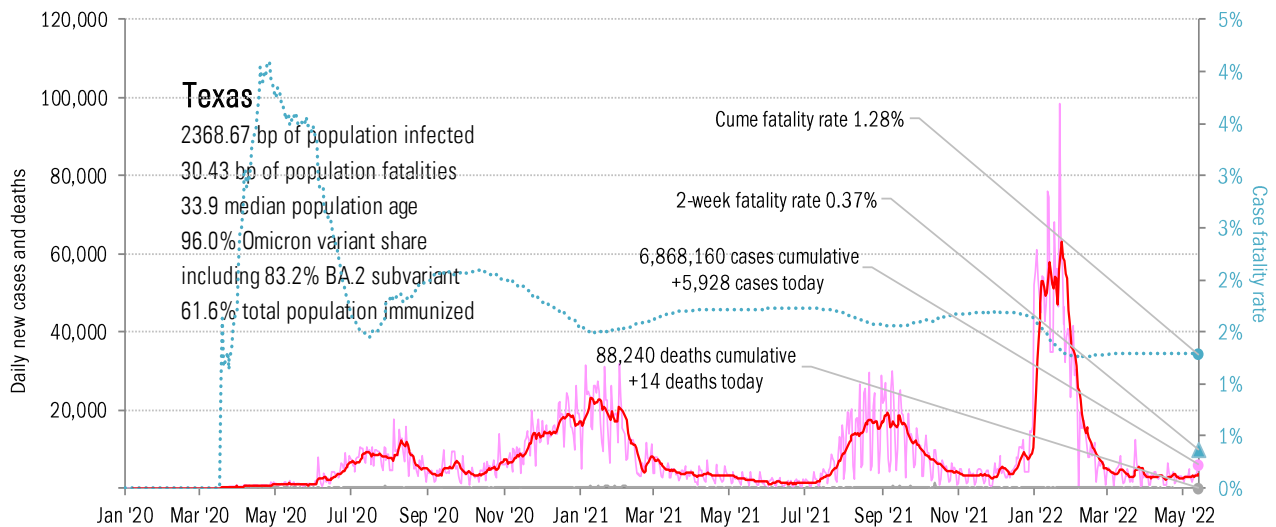
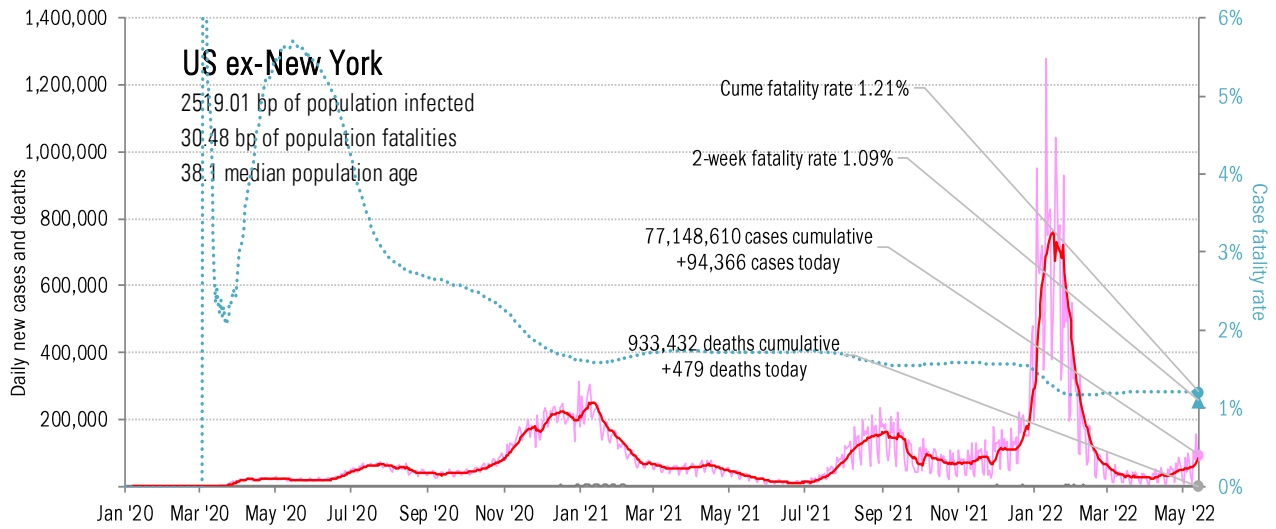
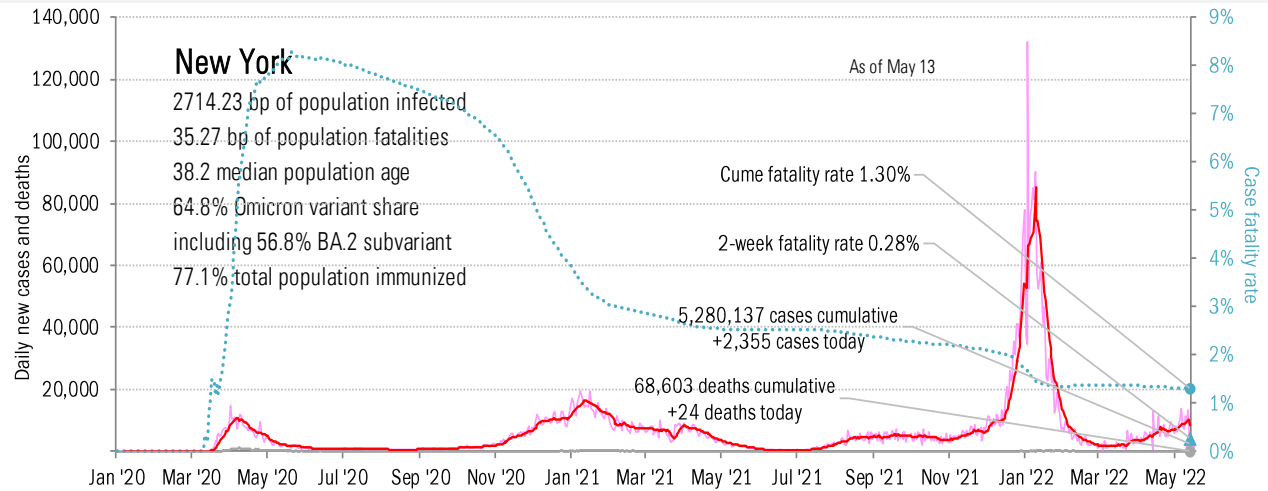
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

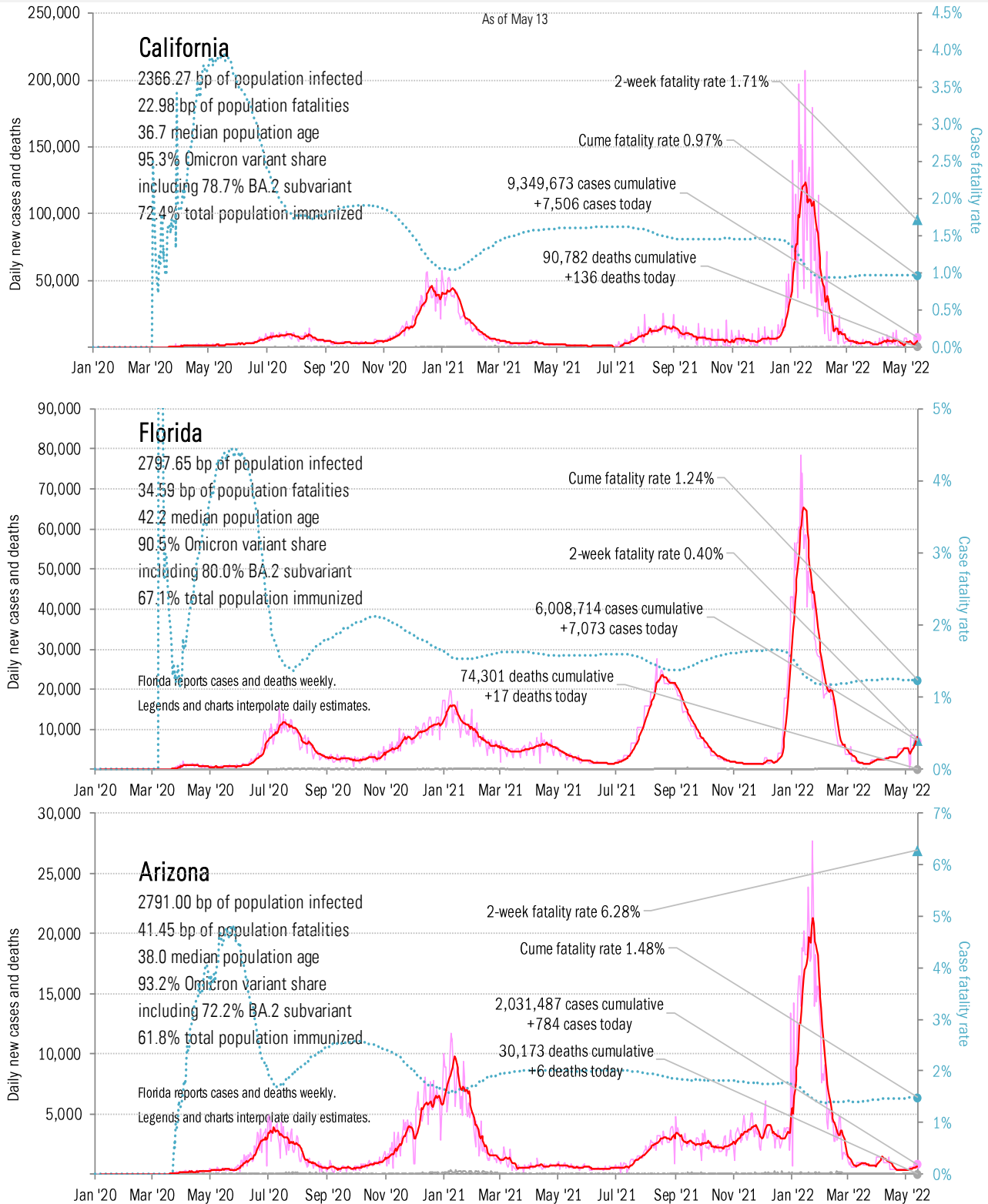
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

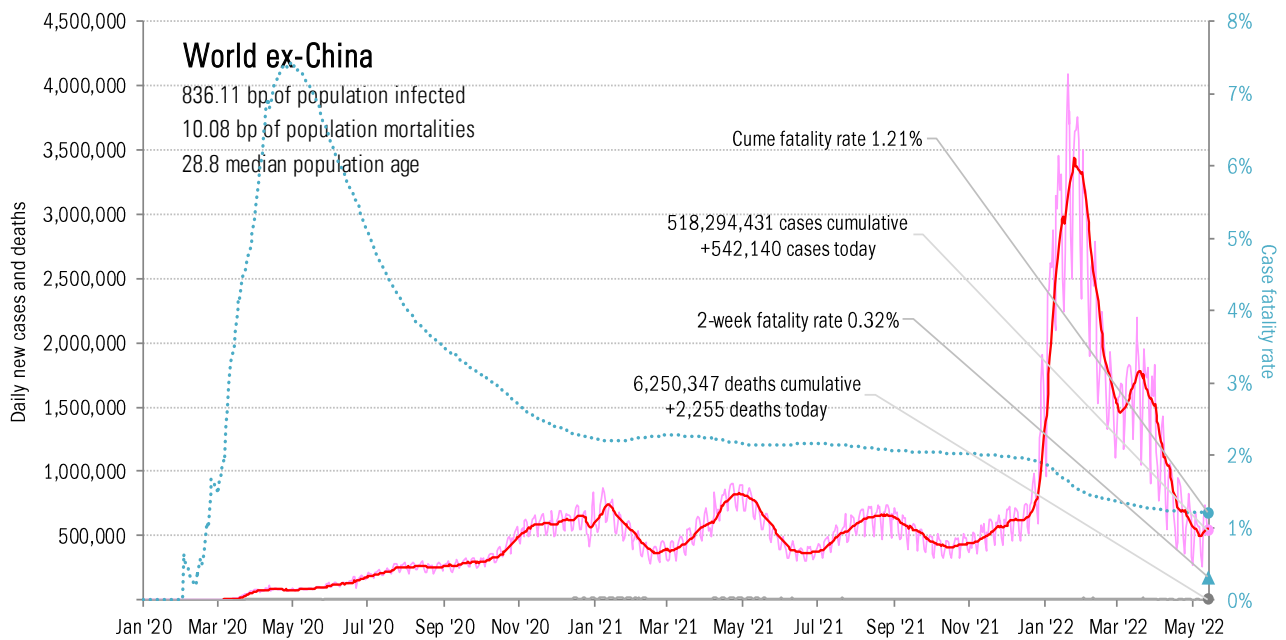
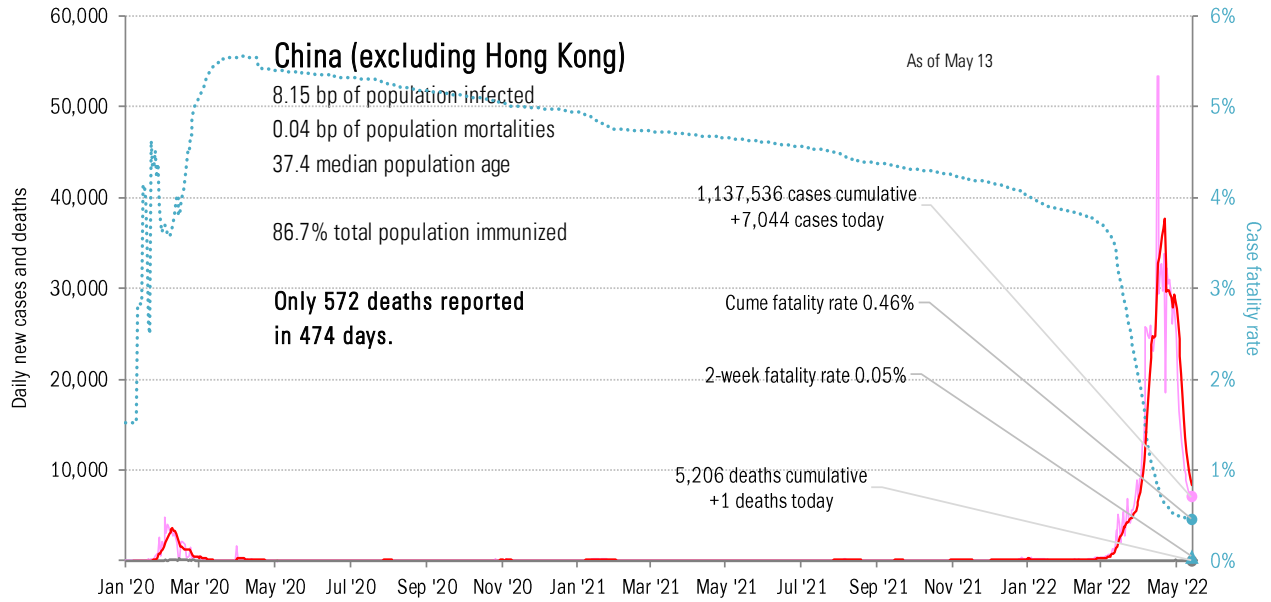
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

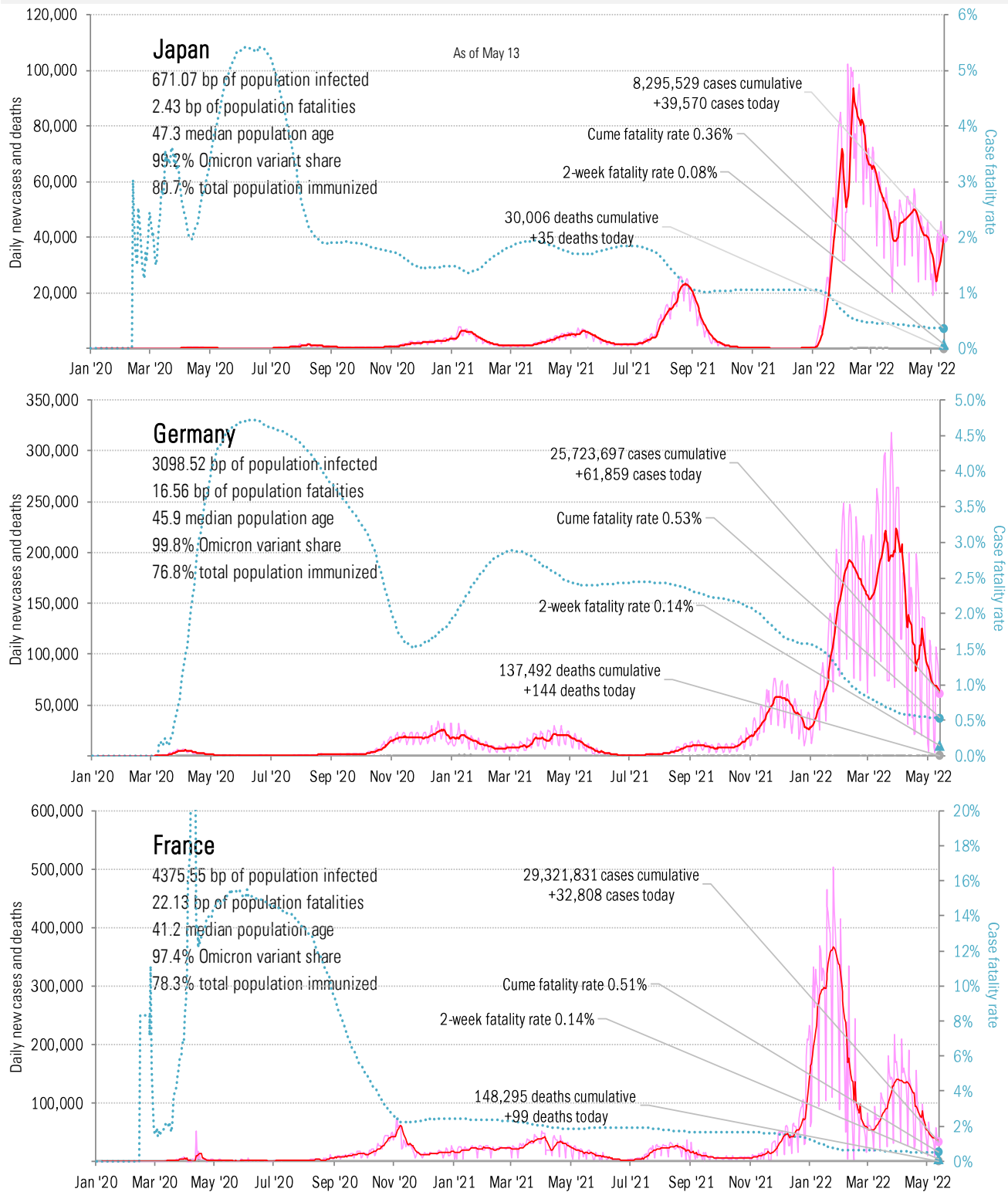
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

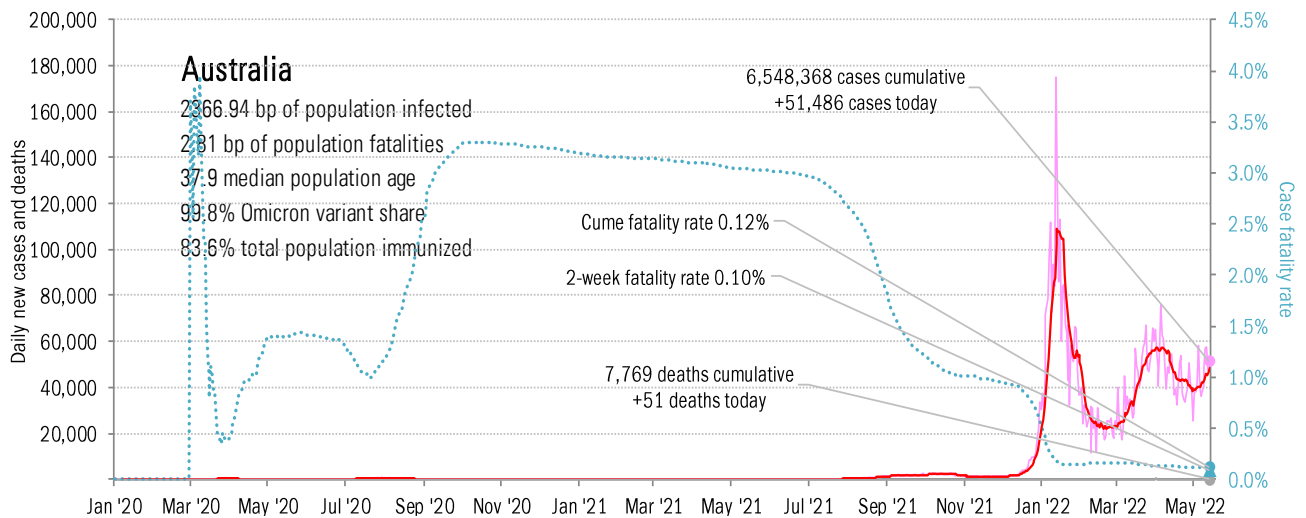
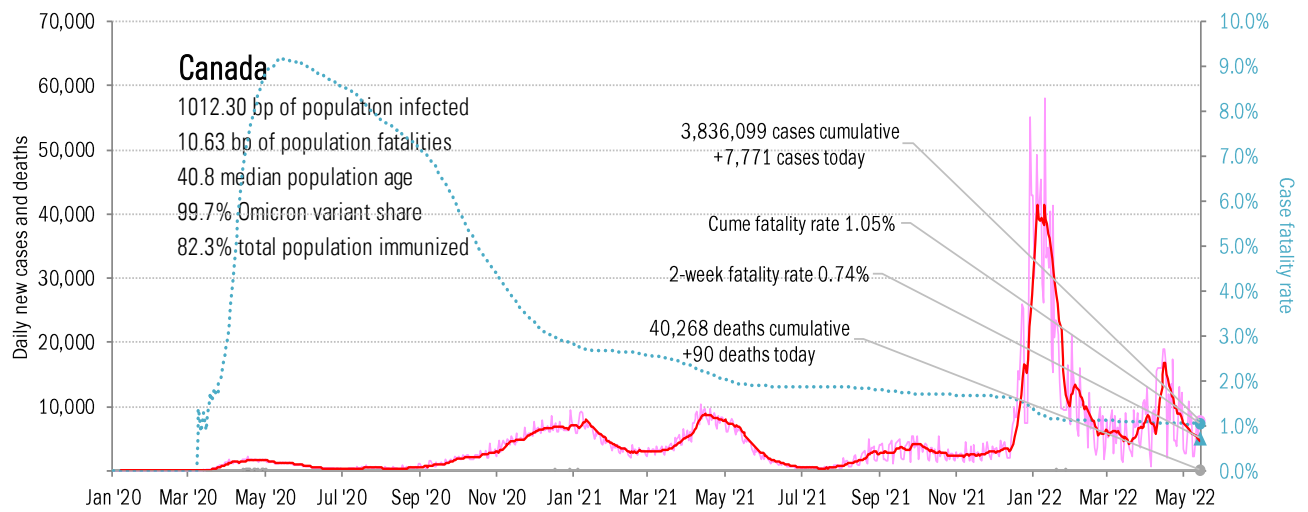
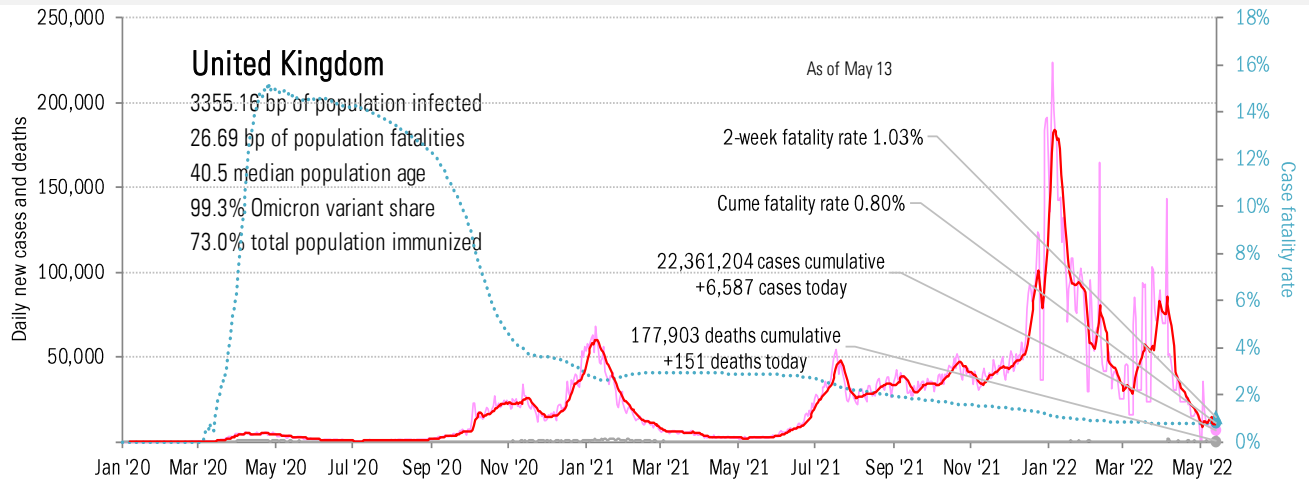
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

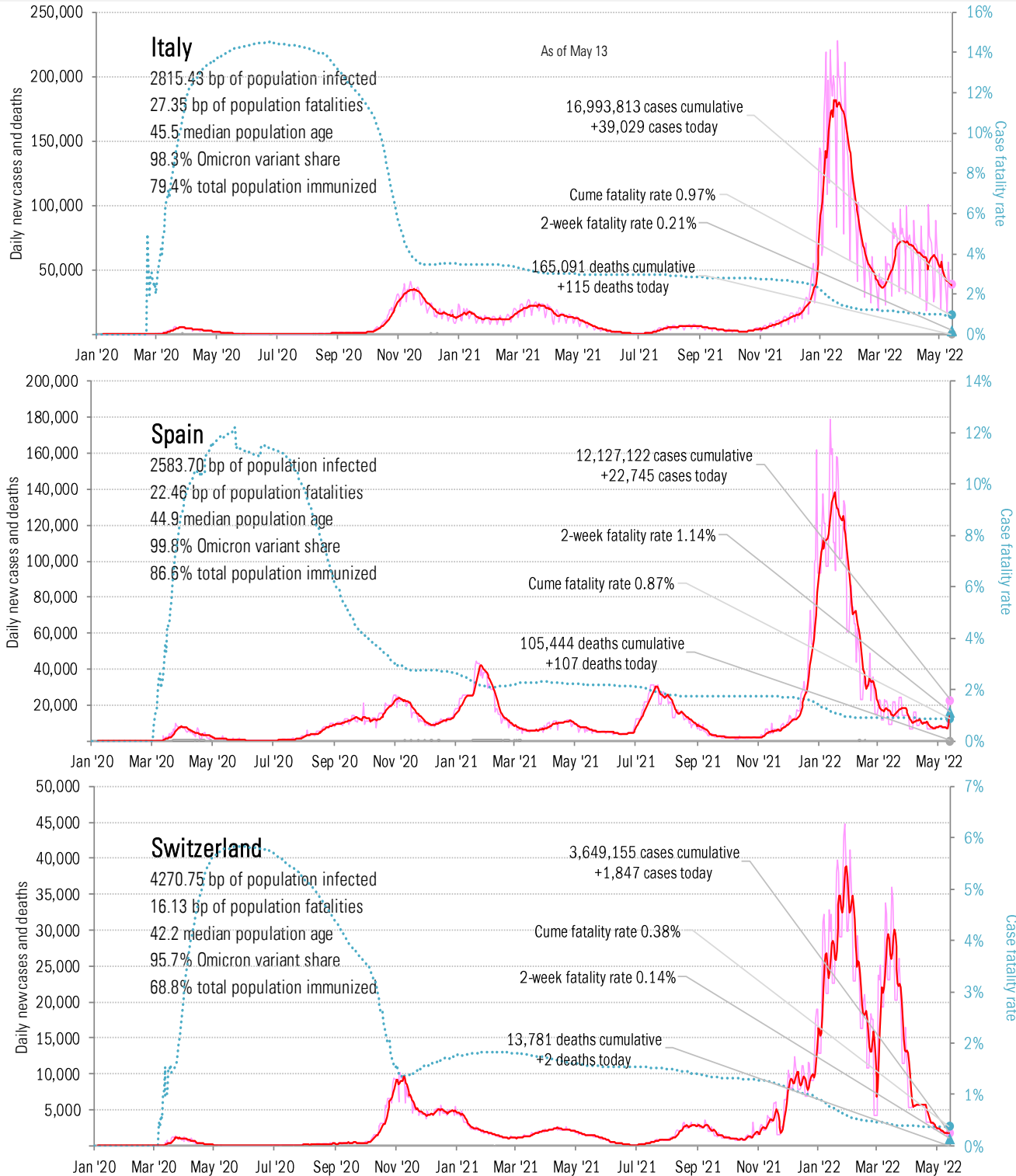
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

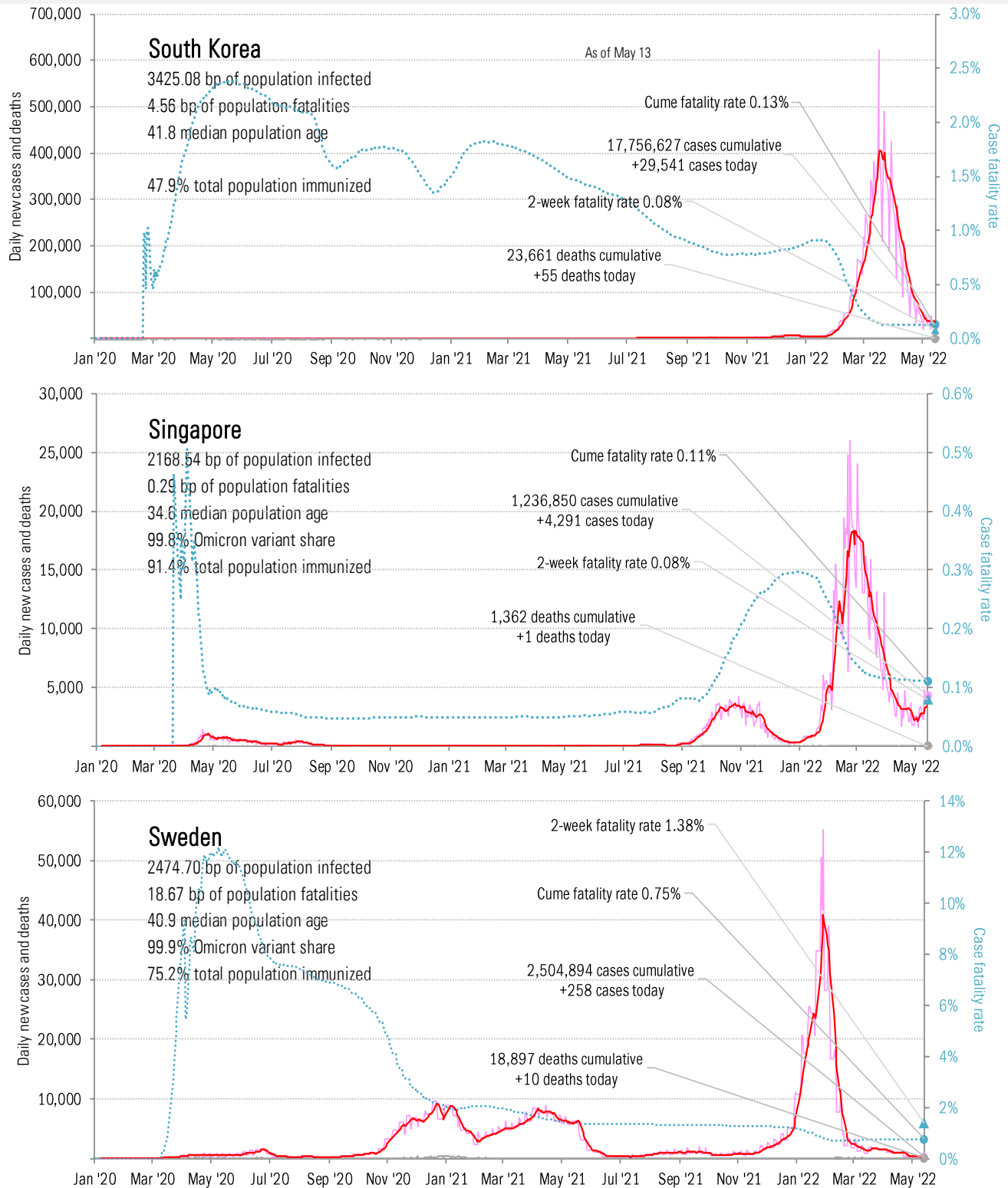
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

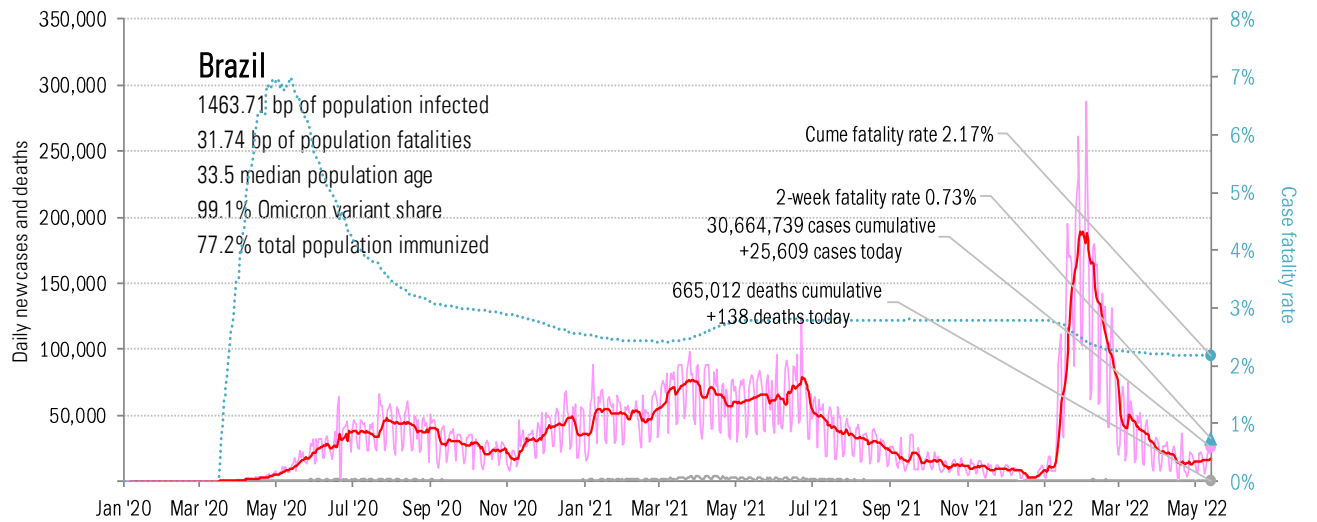
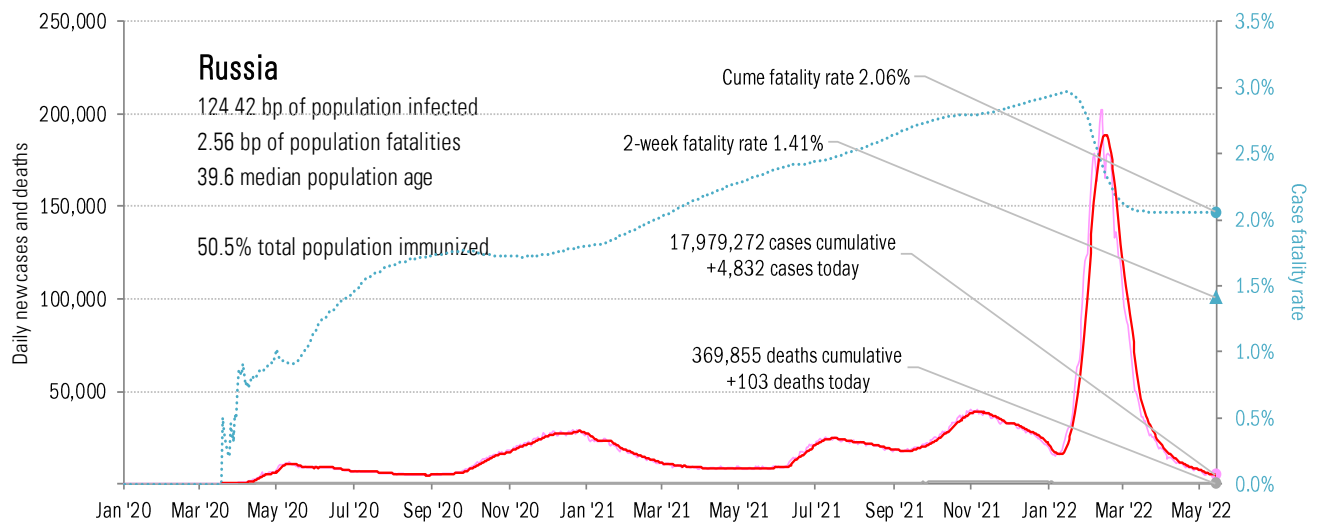
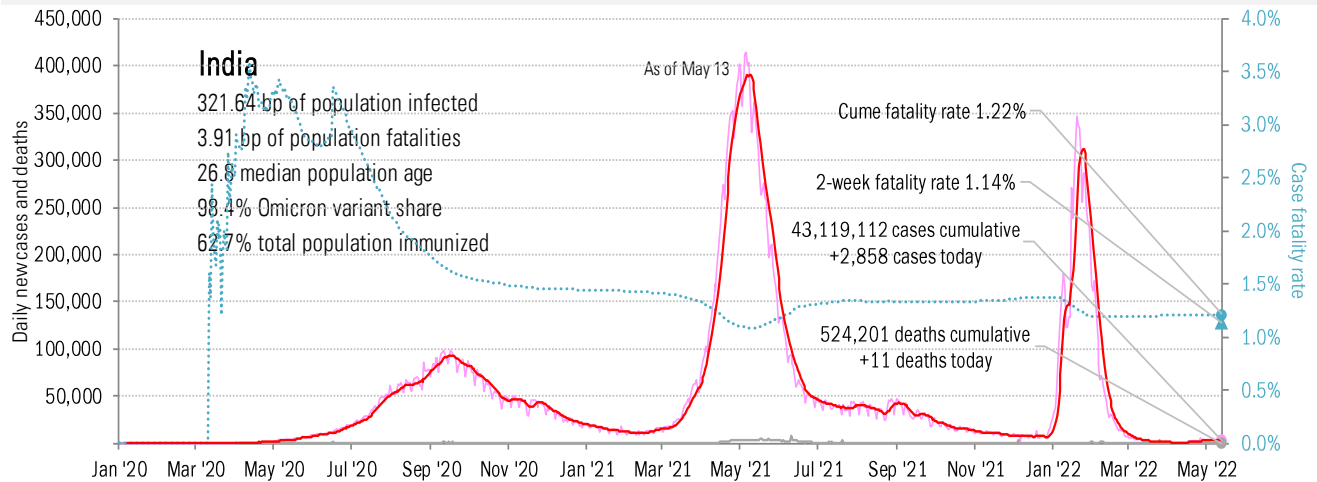
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

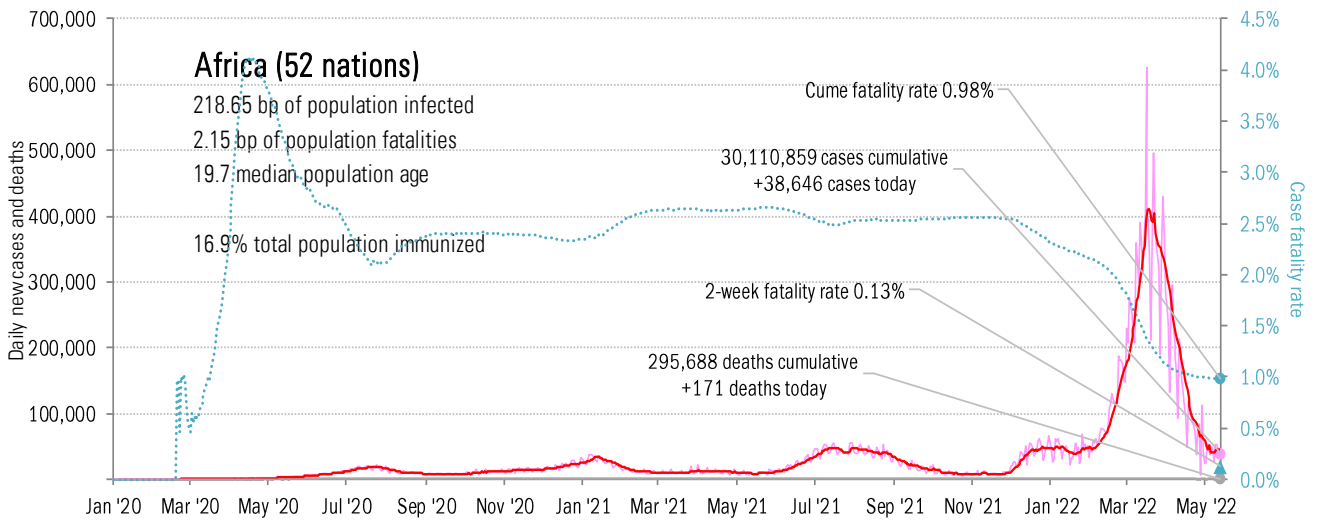
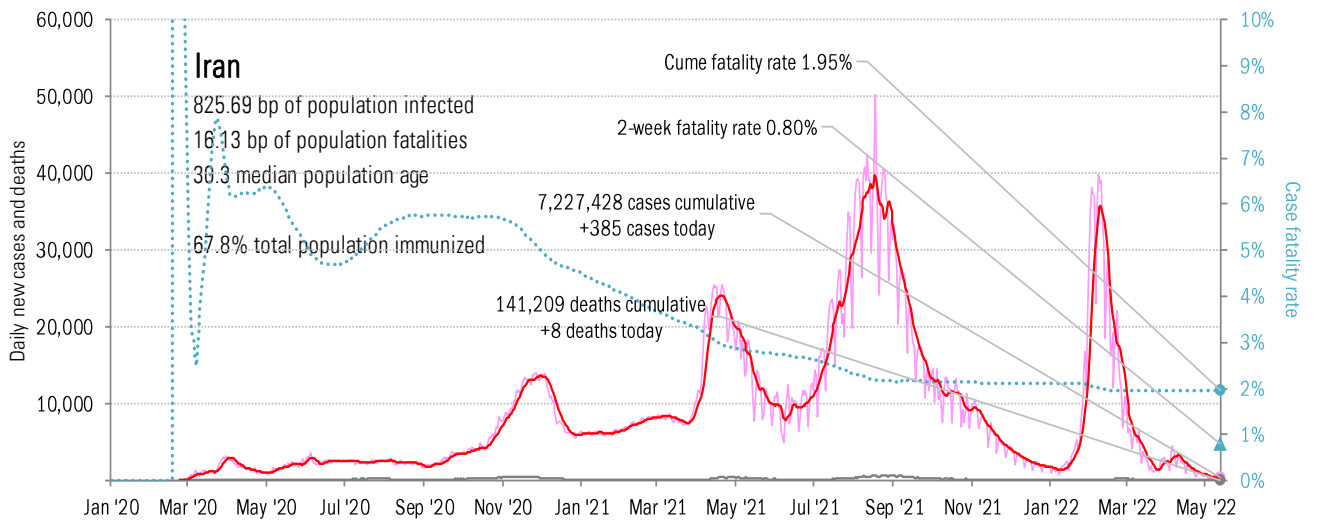
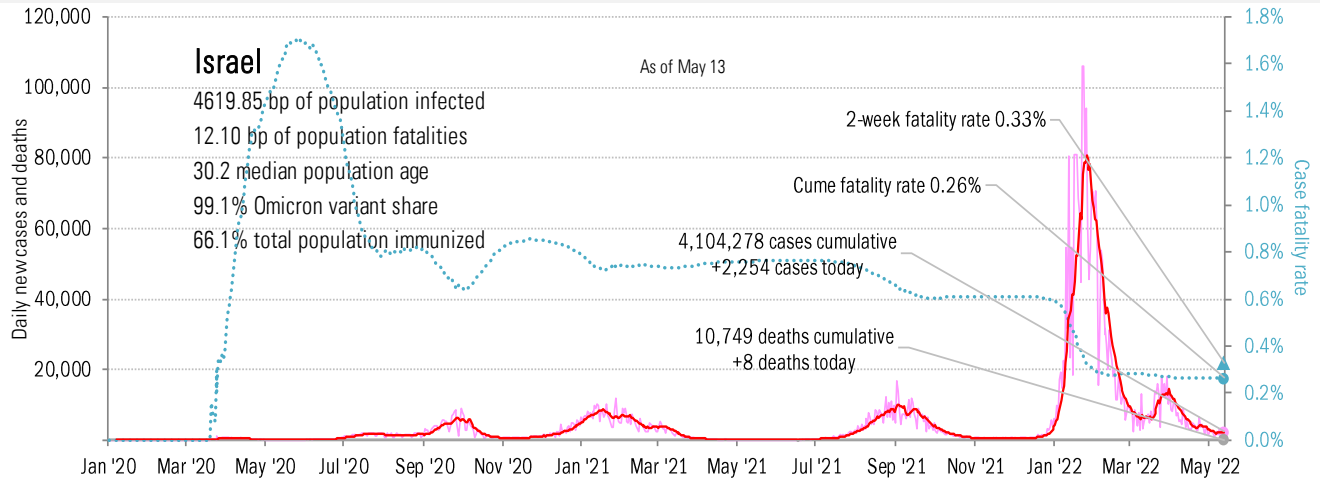
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

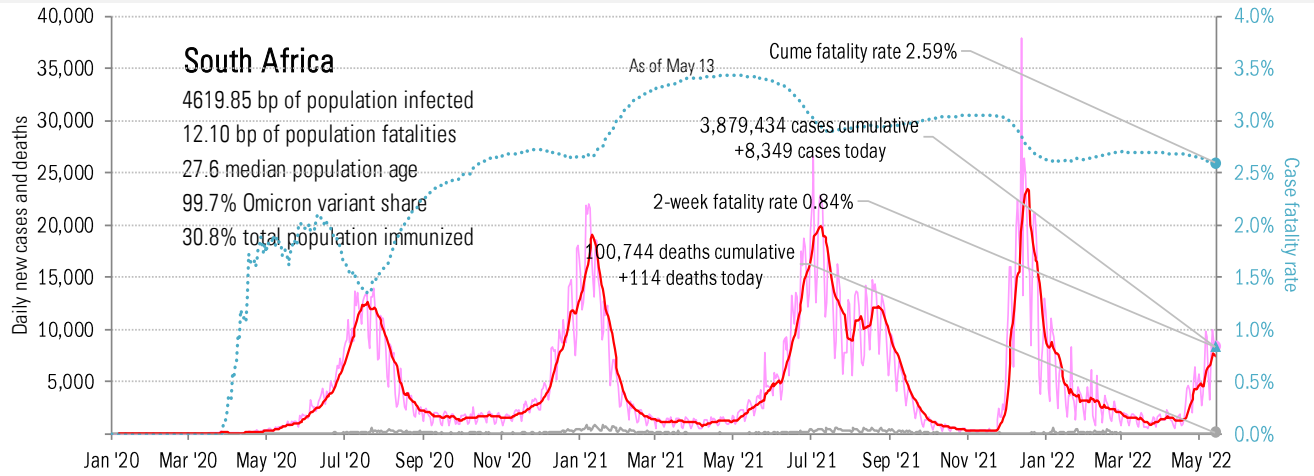
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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