

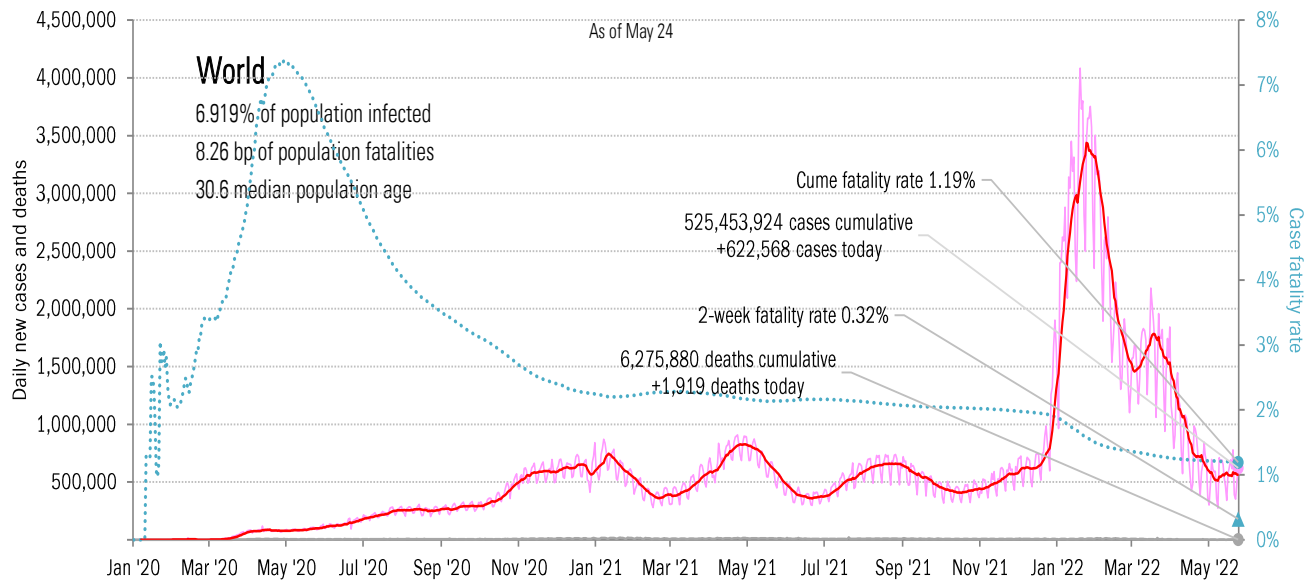
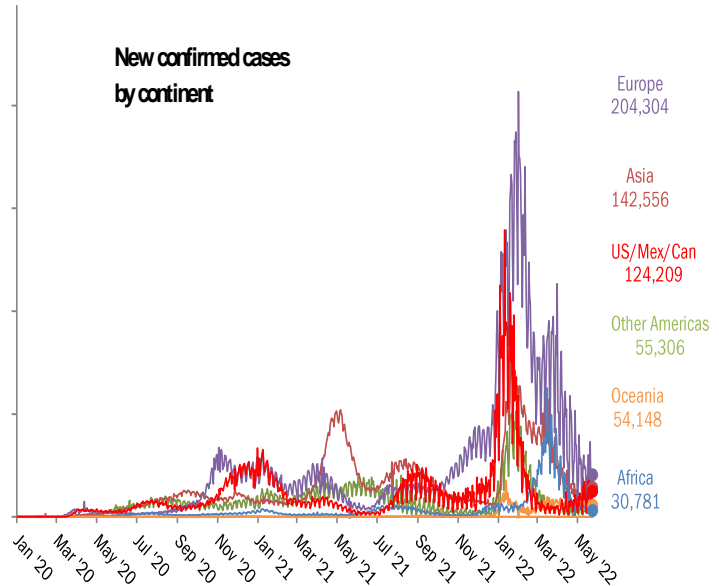
Data Insights: Covid-2019 Monitor

Wednesday, May 25, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	122,134	United States	520
Taiwan*	82,379	Brazil	238
Portugal	55,523	Germany	158
Germany	49,141	United Kingdom	136
Australia	45,792	Portugal	101
Brazil	32,820	Italy	95
Japan	32,290	France	89
France	32,281	Russia	87
Italy	30,714	South Africa	50
Korea, South	23,938	Japan	42
507,012		1,516	
World	622,568	World	1,919
Top ten	81%	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

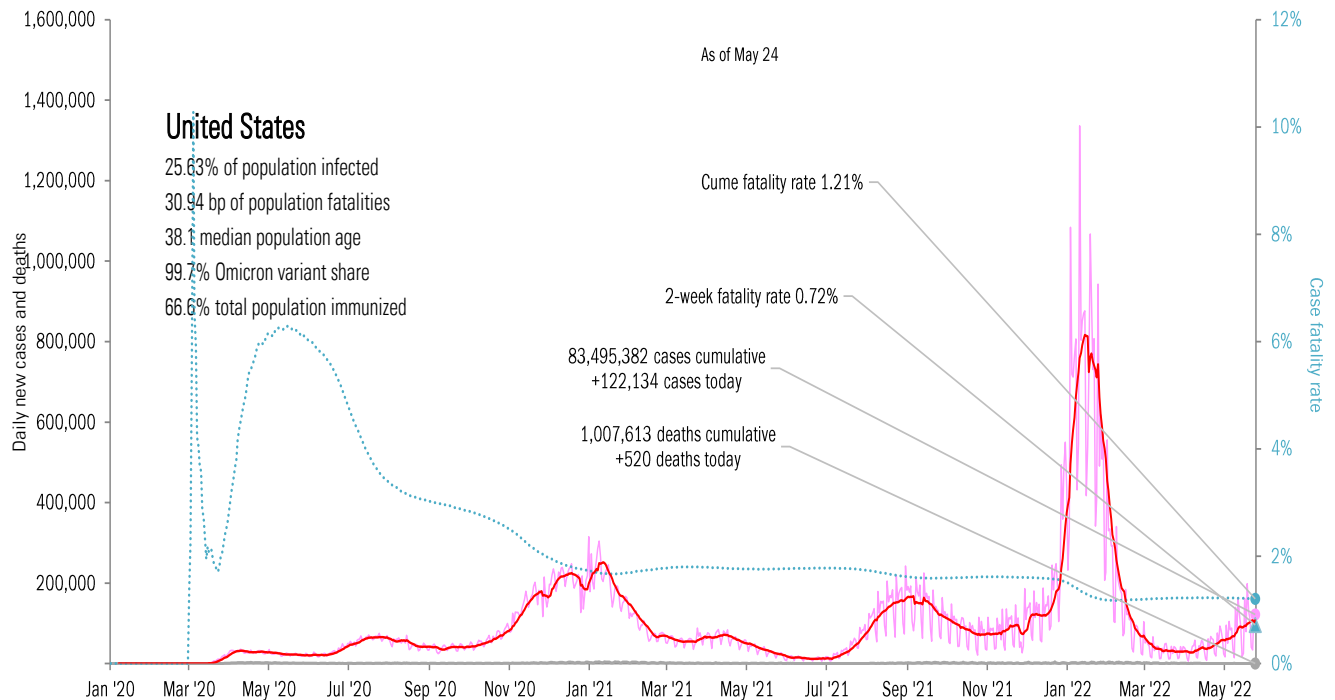
The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	44,268		CA	97		GA	96		CA	9,506,402		CA	91,154		TX	493,141		RI	89%	DE	85%
FL	10,235		NY	40		FL	321		TX	6,910,481		TX	88,316		CA	432,520		WA	84%	RI	81%
SC	8,034		MA	39		AZ	60		FL	6,092,008		FL	74,508		FL	423,231		MA	84%	NM	80%
WI	6,969		NJ	21		WA	117		NY	5,386,913		NY	68,870		NY	260,231		MD	82%	AL	79%
NY	6,415		FL	20		NV	38		IL	3,267,954		PA	44,898		GA	209,041		NH	81%	MA	79%
NJ	6,124		NM	16		HI	32		PA	2,880,025		CH	38,590		CH	194,523		DE	81%	TX	79%
MD	5,934		MD	14		OK	16		CH	2,743,577		GA	38,157		PA	180,812		PA	81%	AK	79%
TX	4,873		SC	14		LA	54		NC	2,715,798		IL	36,221		IL	161,929		MN	81%	NH	79%
MN	4,029		WV	14		NH	29		GA	2,541,713		MI	36,218		MI	145,668		DC	80%	WA	78%
IL	3,988		CT	11		TX	162		MI	2,501,863		NJ	33,640		KY	133,901		GA	80%	PA	77%
100,869			286			925			44,546,734			550,572			2,634,997						
All states	122,134			520			3,260		All states	83,495,382			1,007,613			4,784,774		All states	70%		67%
Top ten	83%			55%			28%		Top ten	53%			55%			55%		Median	74%		69%

Some states not reporting

Five most improved US states

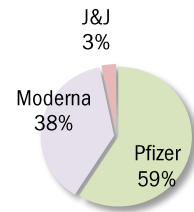
Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
IL -10,444	FL -138	NY -161	IL +10 bp
WA -6,706	IL -9	CA -119	OK +10 bp
VA -5,394	WA -9	CH -73	AK +0 bp
MA -5,227	NH -7	CT -70	AL +0 bp
NY -5,118	MN -4	MD -70	AR +0 bp



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	600,460,335		+0.293 million		US	66.6%	77.8%	
Boosters	44,835,466		+0.018 million		UK	73.2%	78.3%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.3%	80.7%
Total population	266,086,676	80%	227,327,520	68%	+0.034 million	Spain	86.6%	88.2%
Age 12 to 17	17,773,370	70%	15,223,936	60%	+0.002 million	Germany	76.9%	76.9%
Age 18 to 64	178,798,156	88%	152,104,038	75%	+0.017 million	Italy	79.4%	84.1%
Age 65 and over	59,077,198	100%	51,563,635	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	63.4%	72.5%
						Brazil	77.4%	85.6%
						China	86.9%	89.3%



State

At least partial immunity as % population

Full immunity as % population

Best

Middle

Worst

AK
69.9%
62.6%

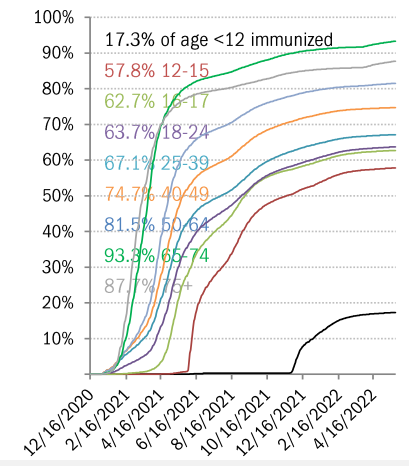
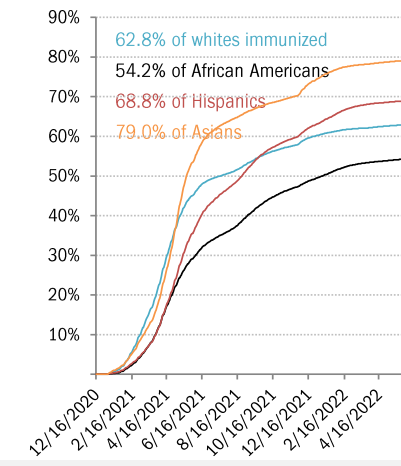
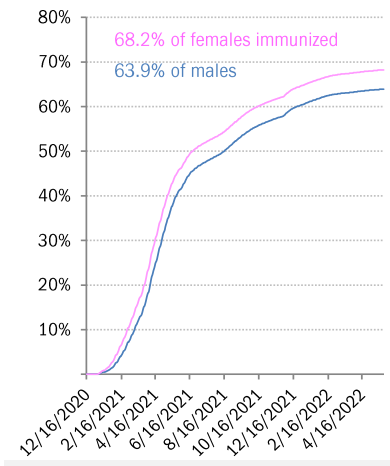
WI
72.1%
65.8%

ME
91.1%
80.0%

WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
81.1%	61.9%	65.5%	65.8%	75.3%	76.3%	67.2%		90.5%	94.0%	88.8%
72.8%	55.5%	57.0%	55.8%	69.4%	69.0%	60.4%		77.3%	81.5%	71.0%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
78.2%	75.6%	58.2%	77.0%	68.1%	61.6%	63.8%	85.4%	90.8%	95.0%	
69.9%	61.1%	51.1%	61.9%	62.2%	55.0%	58.9%	68.9%	76.0%	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%	65.2%	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%	79.6%	83.1%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	73.4%	88.2%	74.8%	67.0%	62.4%	84.9%	68.0%	95.0%	83.5%	
	61.9%	71.5%	61.8%	54.7%	54.7%	61.8%	57.3%	78.3%	69.6%	
			OK	LA	MS	AL	GA			
			71.4%	61.2%	59.8%	62.9%	65.7%			
			57.6%	53.7%	52.0%	51.3%	55.0%			
			TX					FL		PR
			73.6%					79.7%		95.0%
			61.8%					67.3%		83.3%

HI
87.7%
78.5%

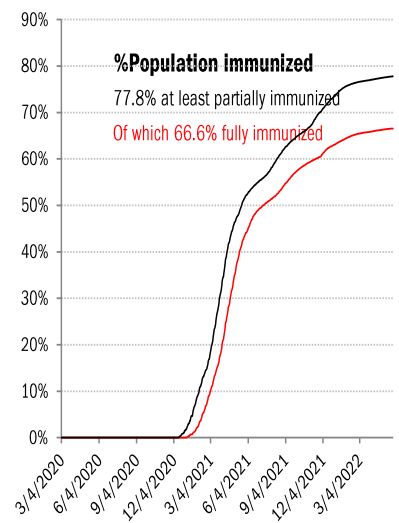
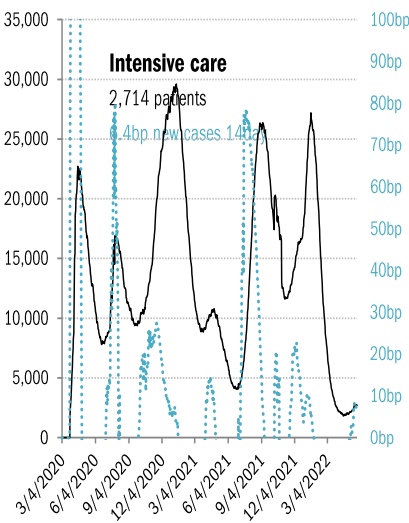
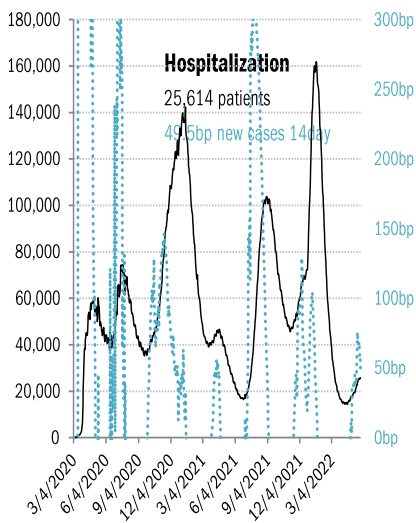
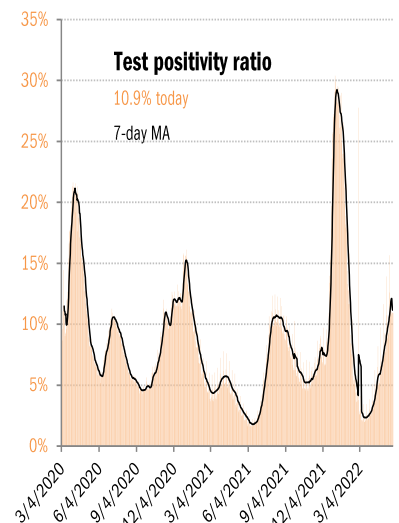
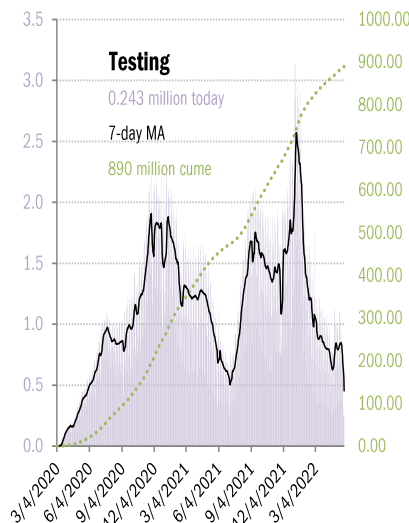
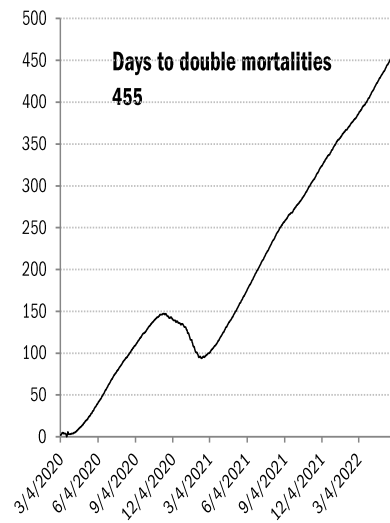
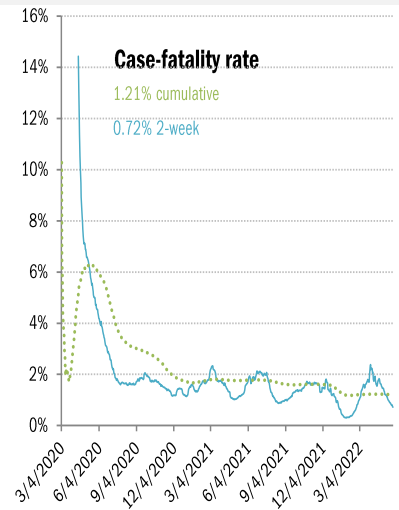
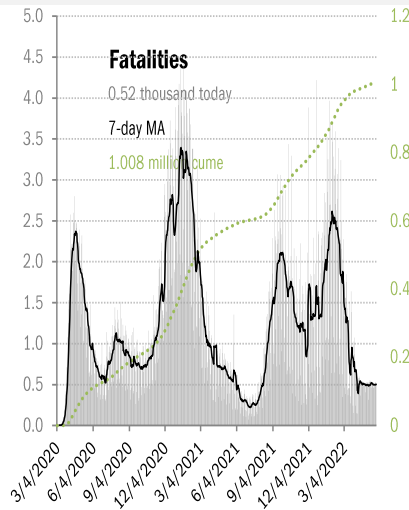
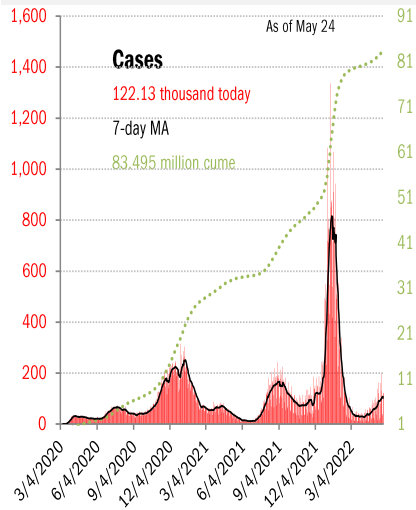
The demographics of US vaccination



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

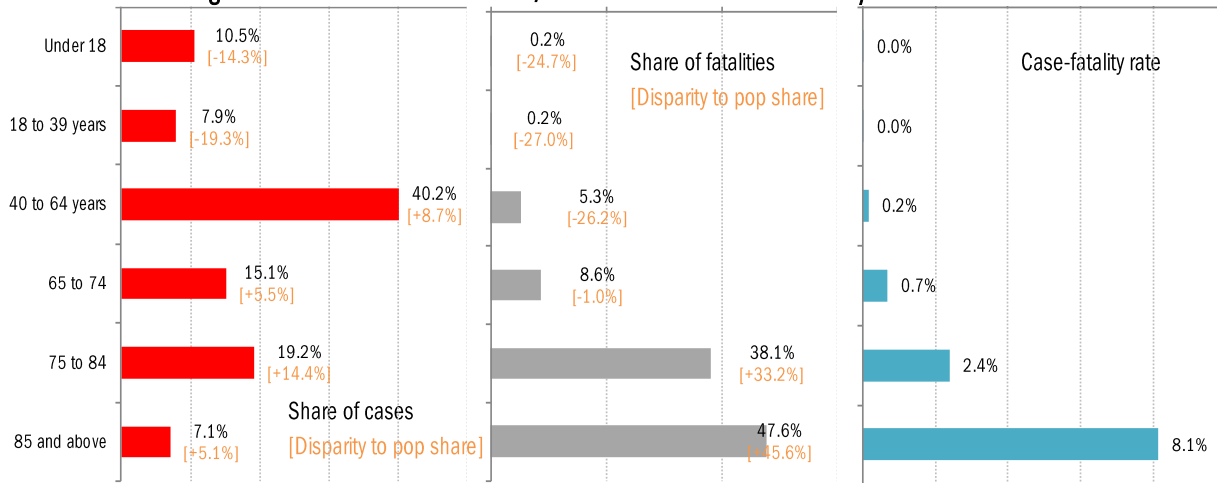
US deep-dive

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

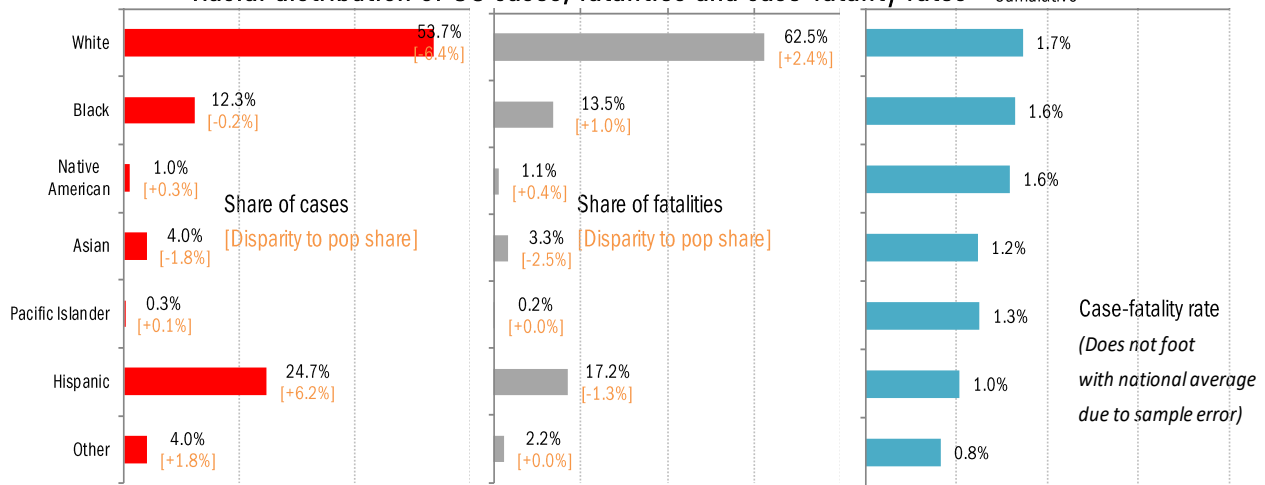


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

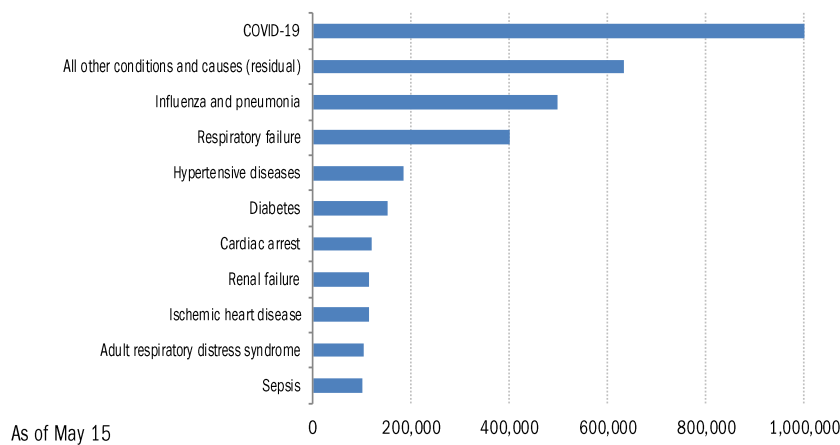


Racial distribution of US cases, fatalities and case-fatality rates



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

[Another Omicron subvariant, known as BA.2.12.1, has become the dominant form among new U.S. virus cases](#)

Adeel Hassan
New York Times
May 24, 2022

[Monkeypox Outbreak Stokes Global Demand for Smallpox Vaccine](#)

Denise Roland
Wall Street Journal
May 24, 2022

[The WHO Changes Guidelines to Favor Lockdowns](#)

Will Jones
Brownstone Institute
May 18, 2022

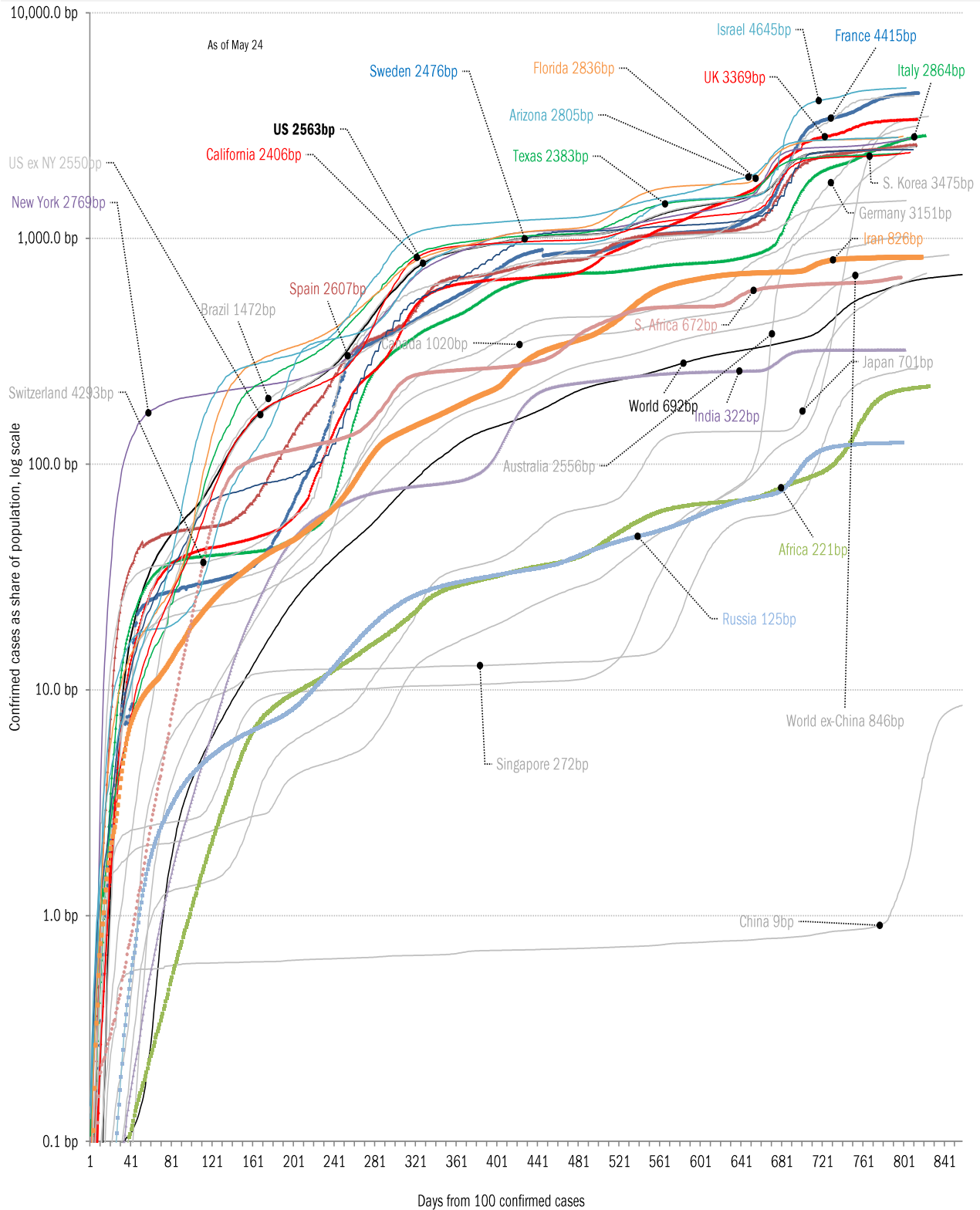
Meme of the day



Miracle: Pfizer Announces They Just So Happened To Finish Monkeypox Vaccine Yesterday

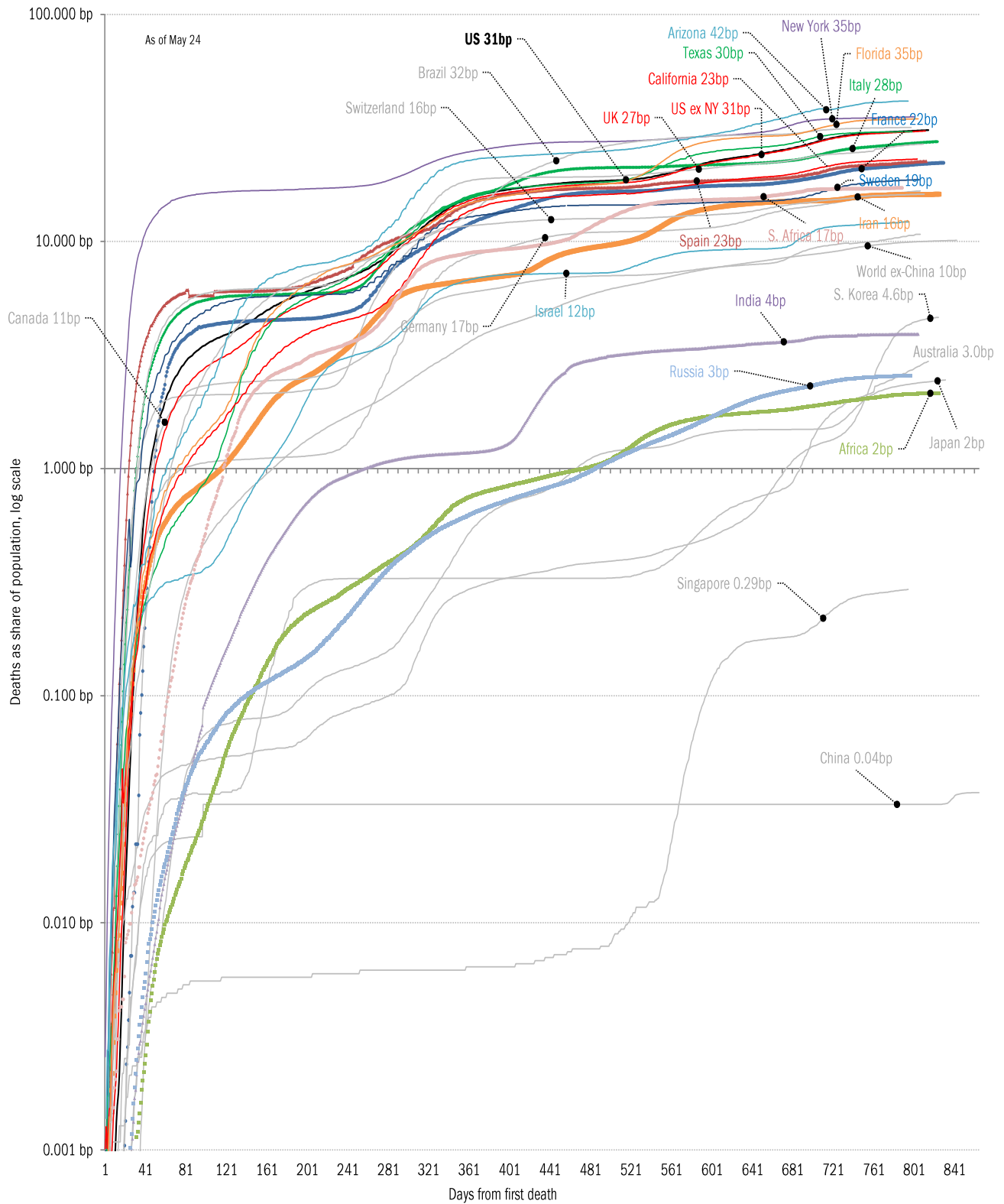
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

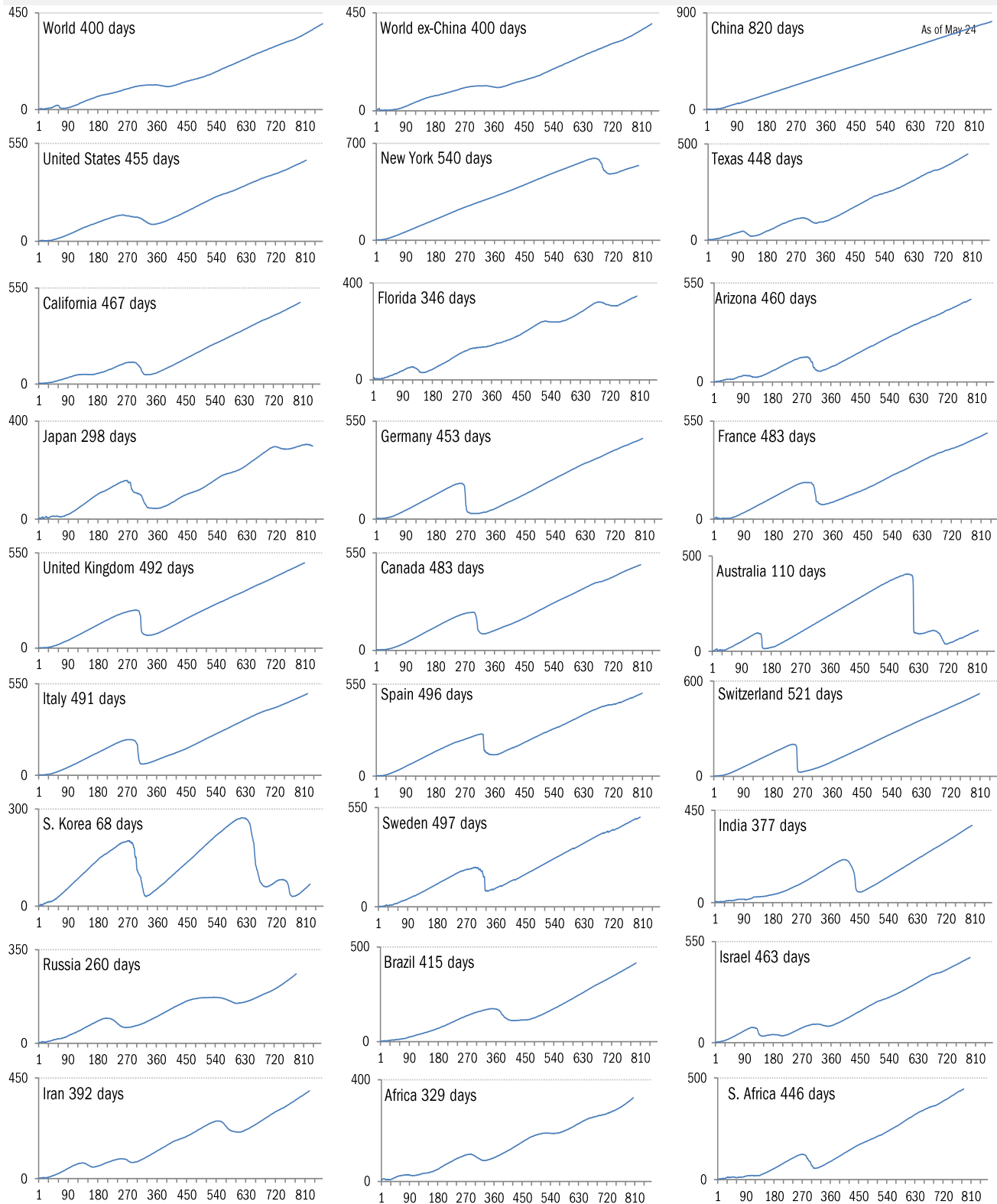


Source: [Johns Hopkins](#), TrendMacro calculations

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

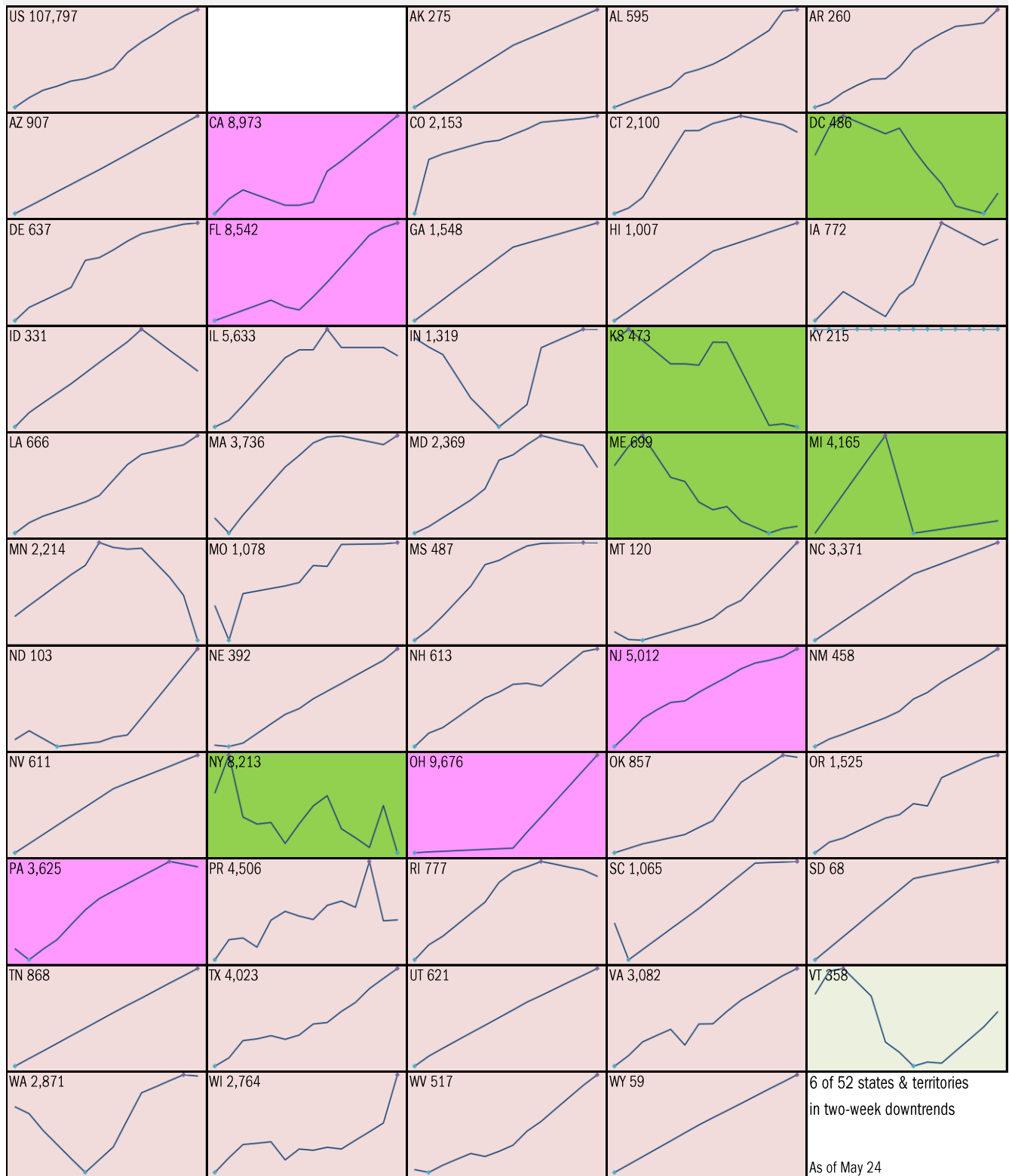


Source: [Johns Hopkins](#), TrendMacro calculations

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

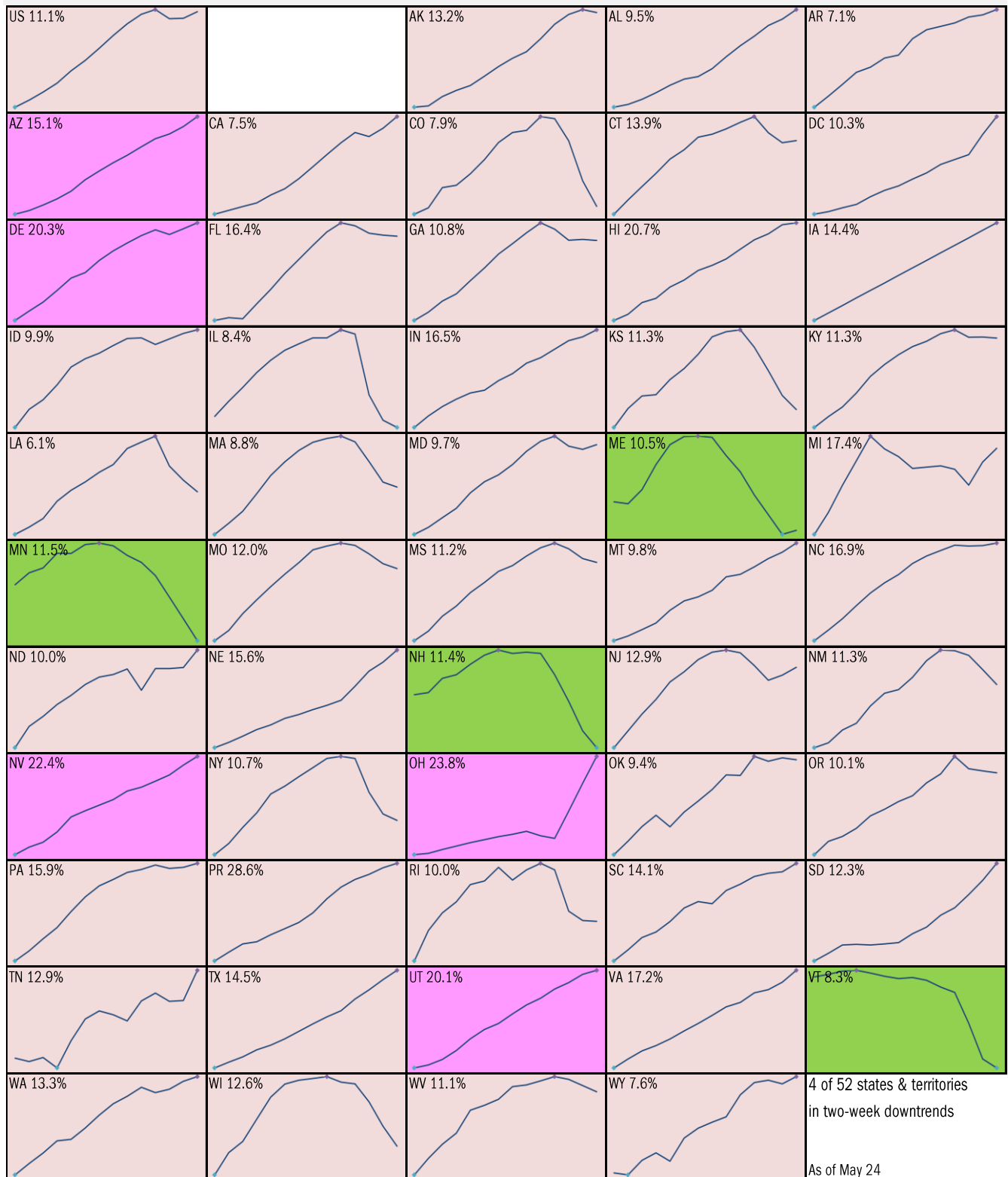


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

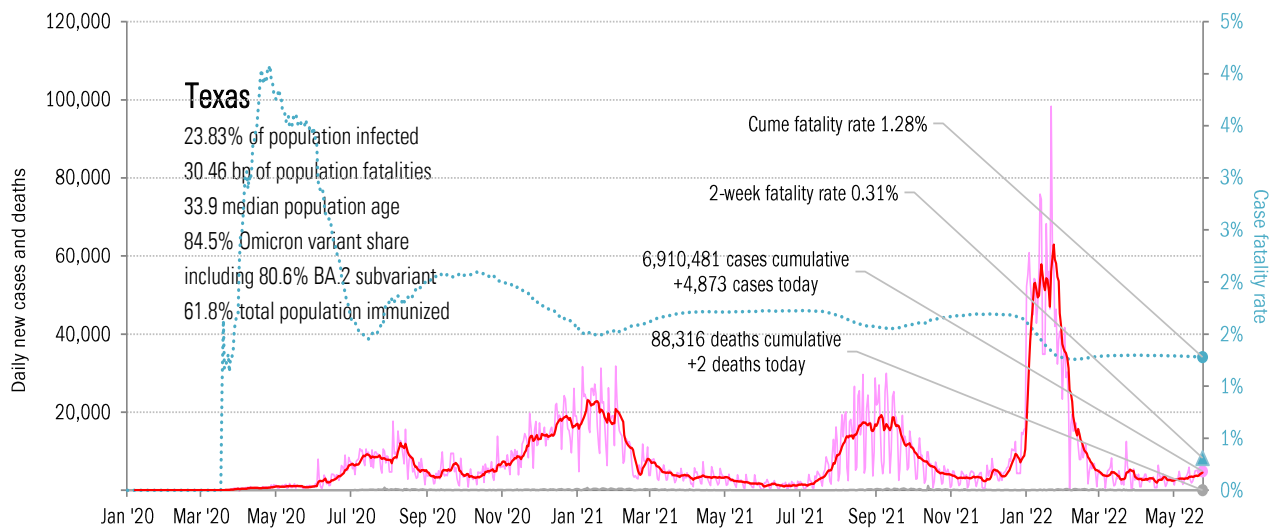
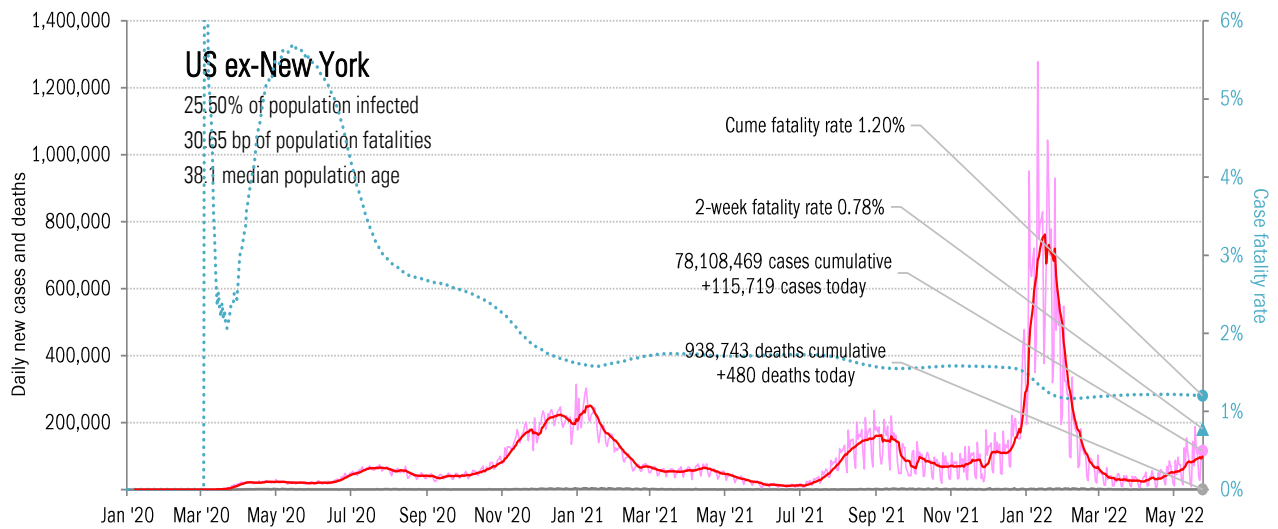
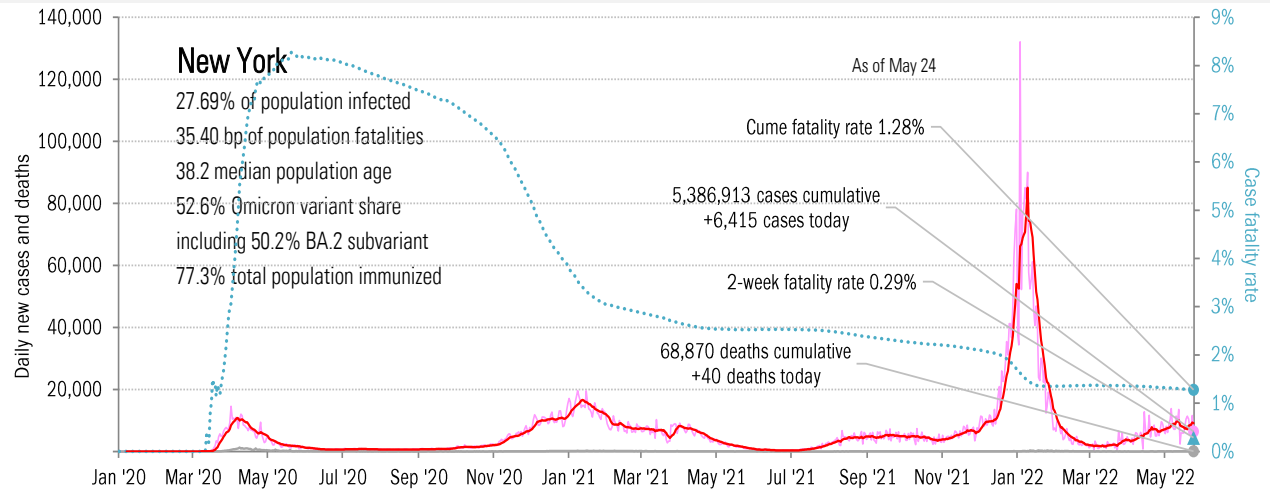
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

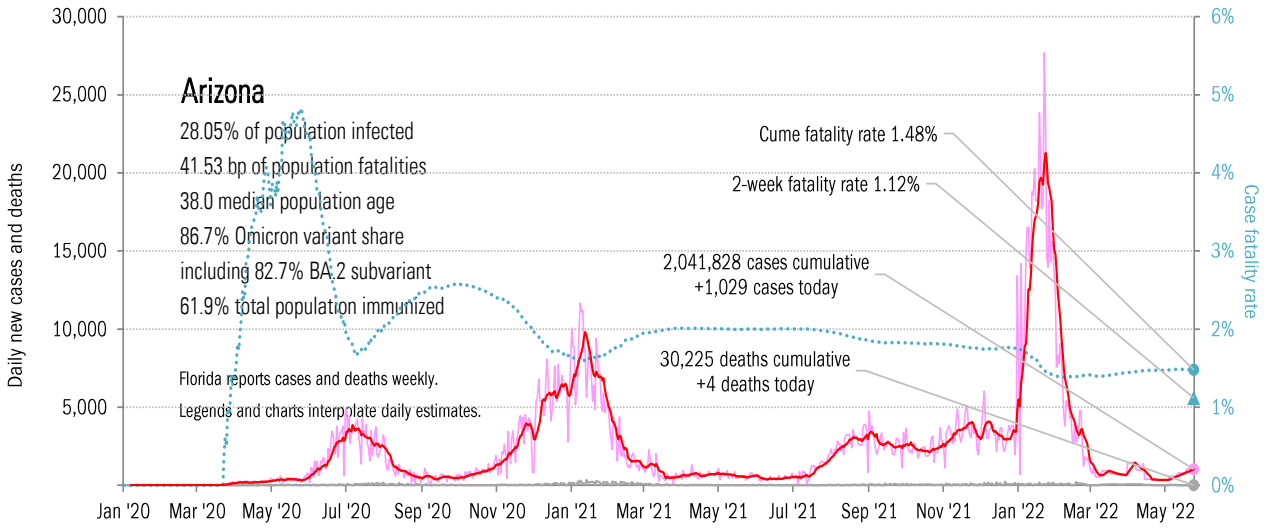
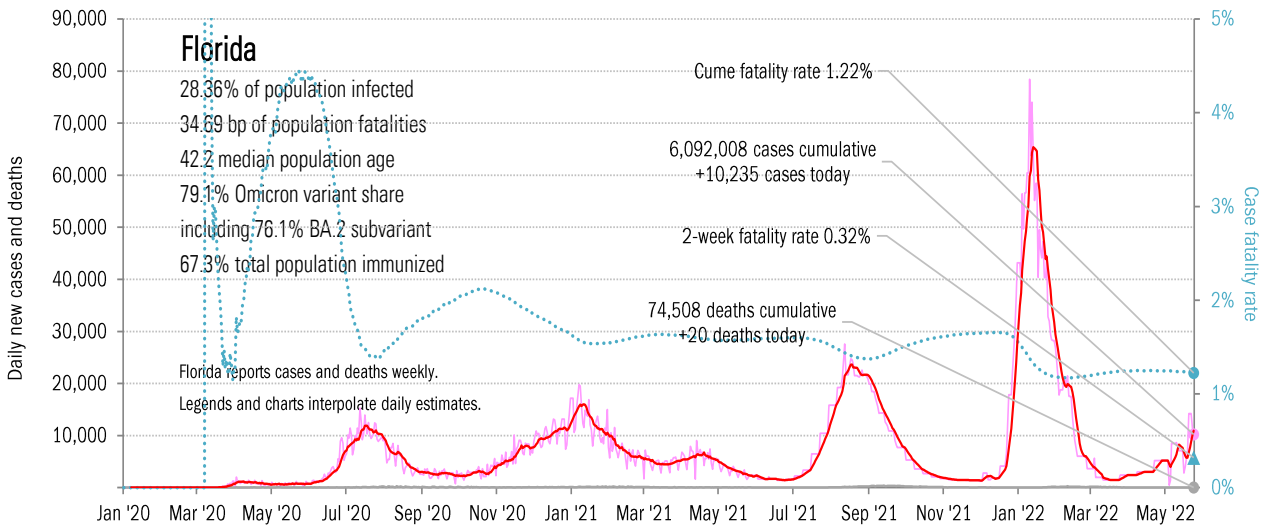
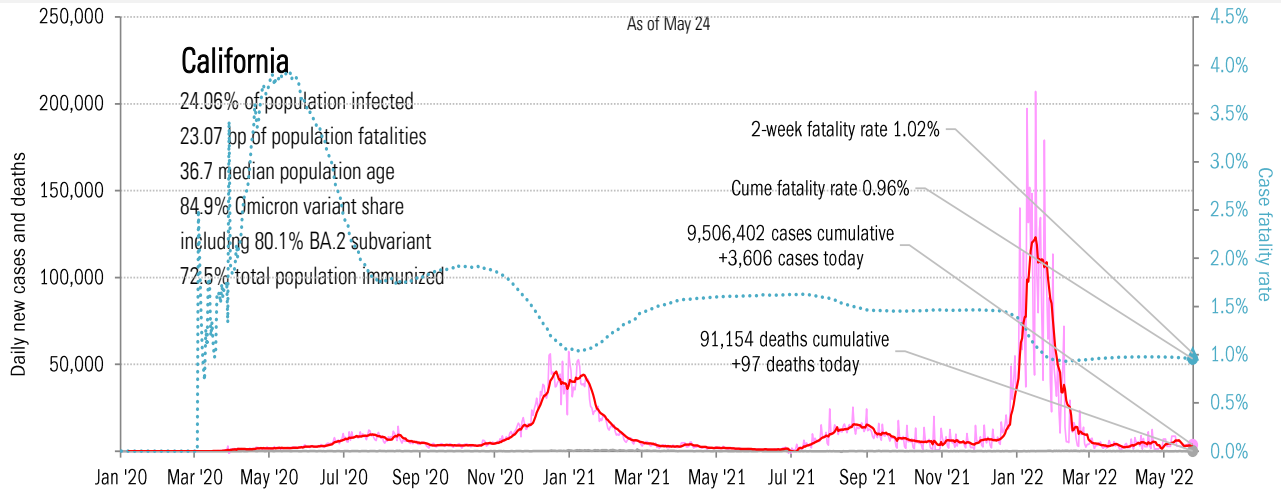
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

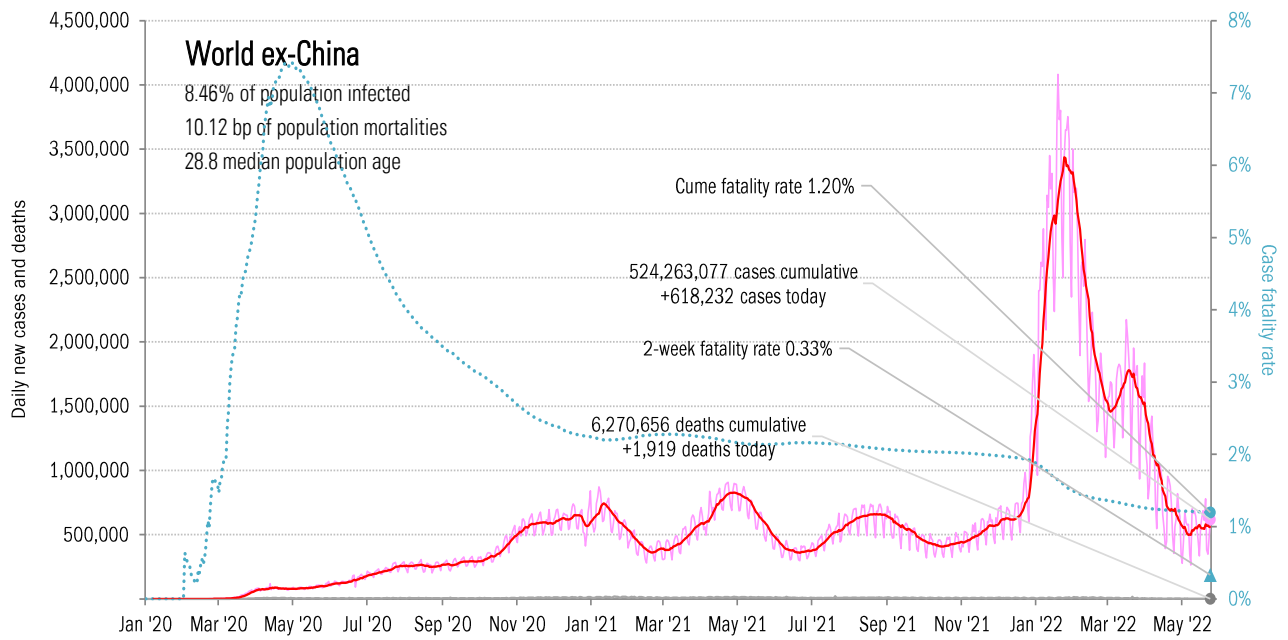
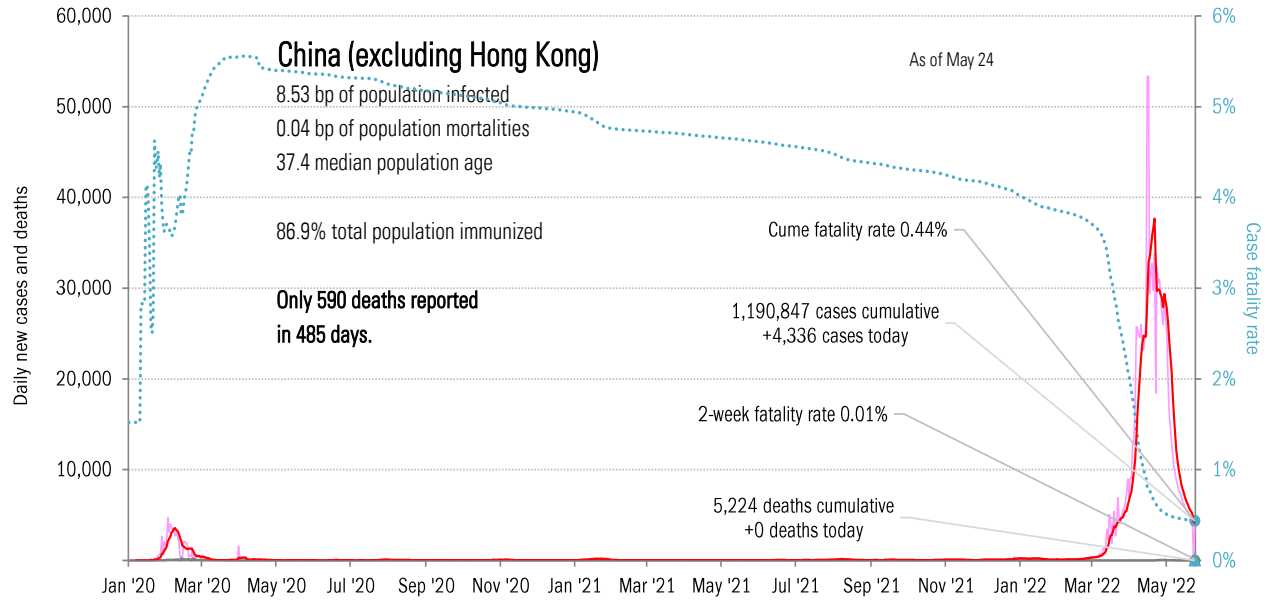
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

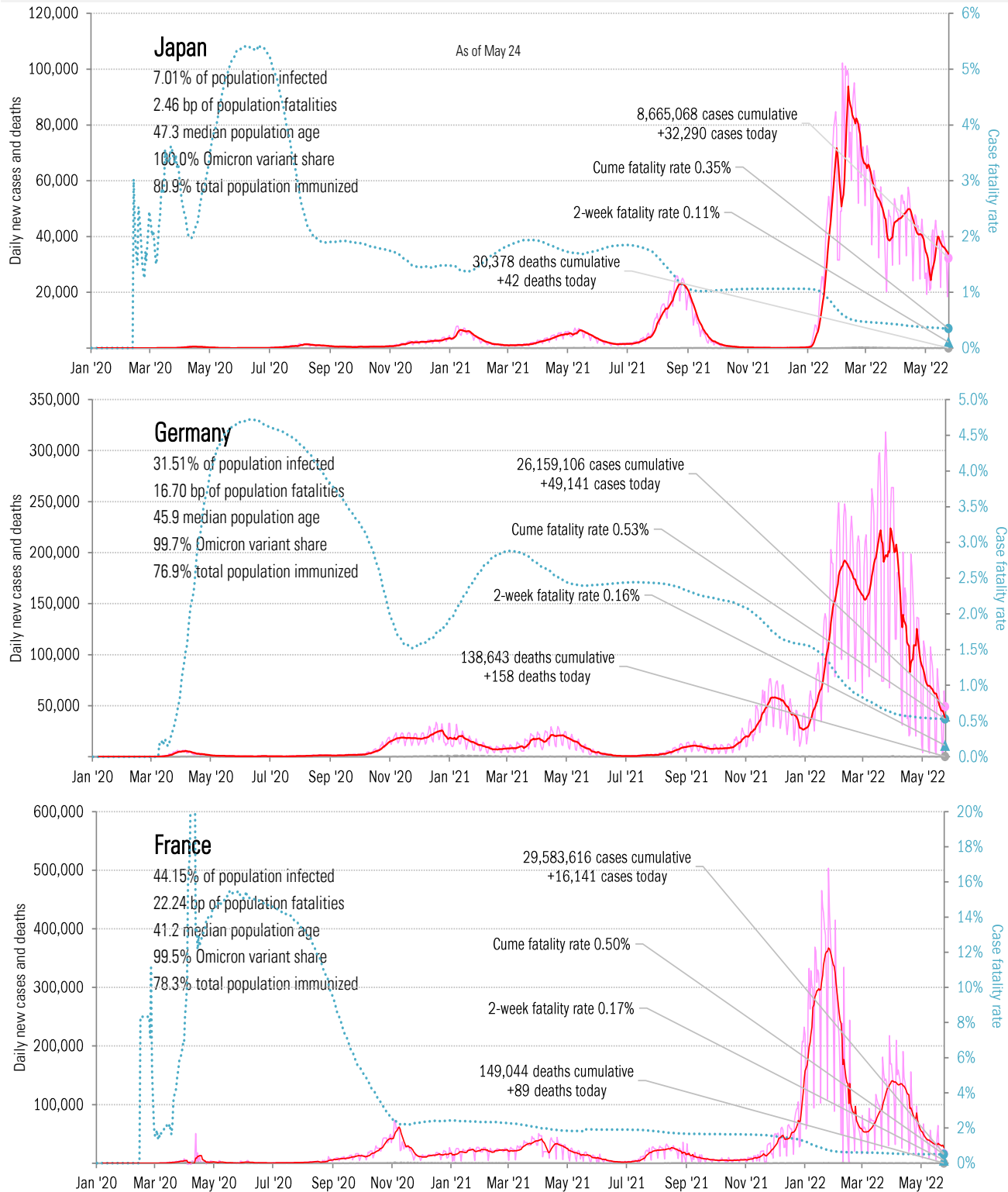
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

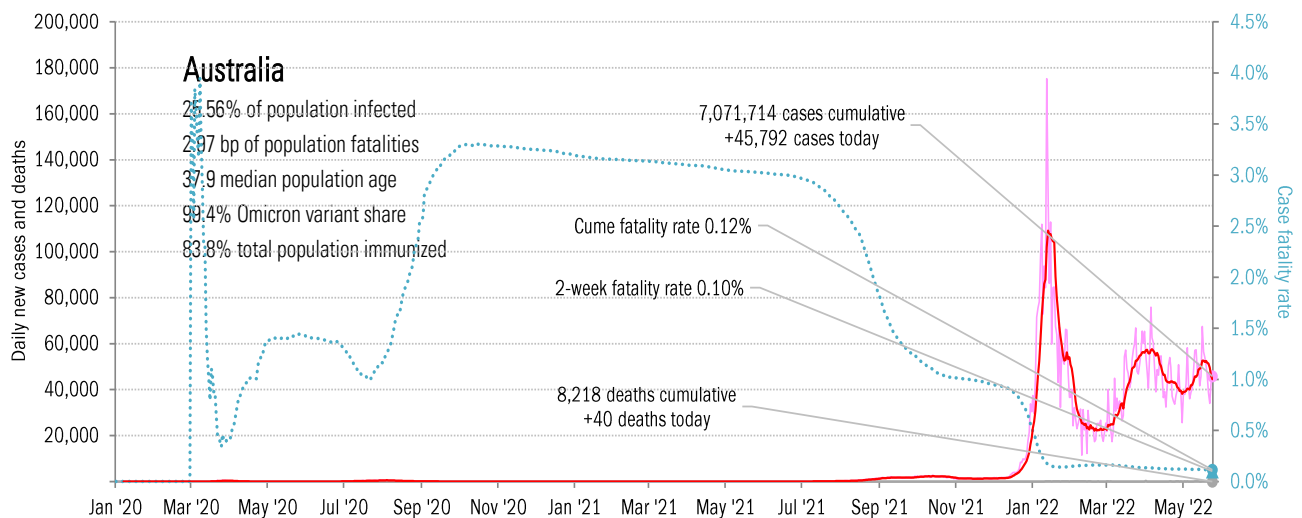
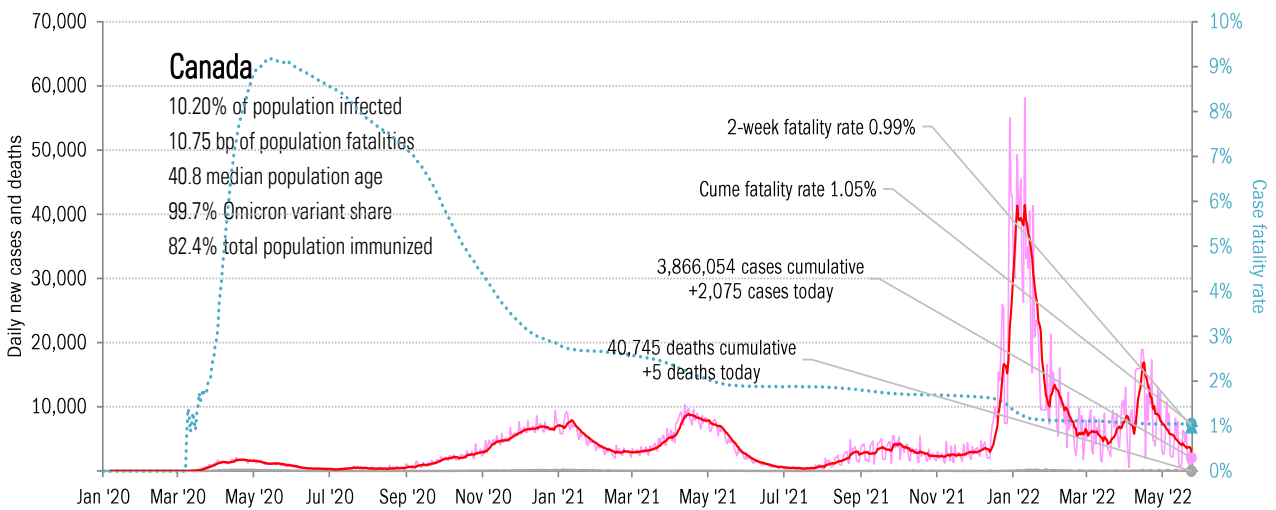
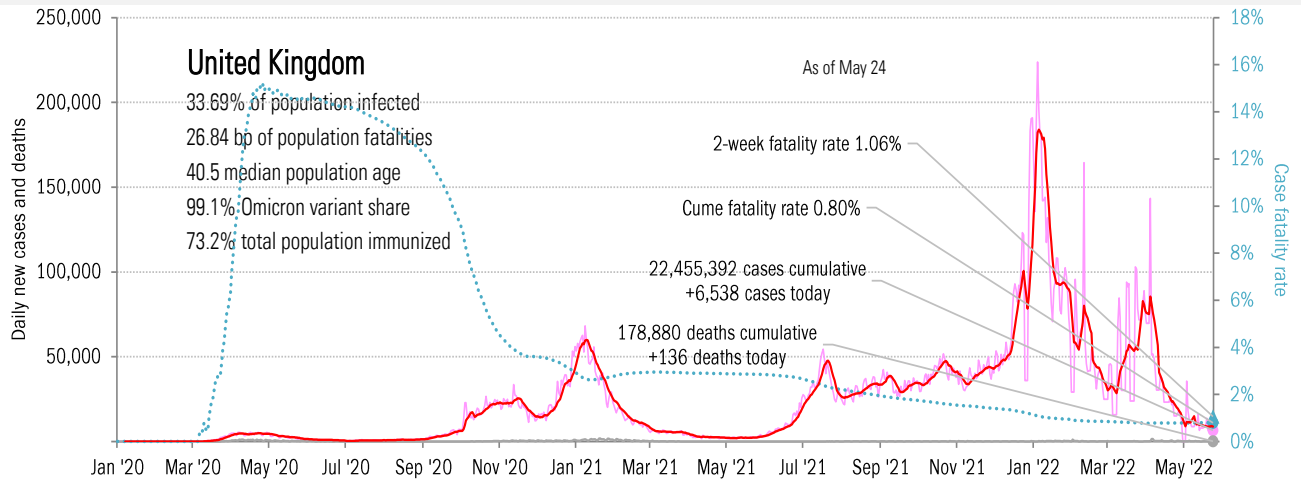
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

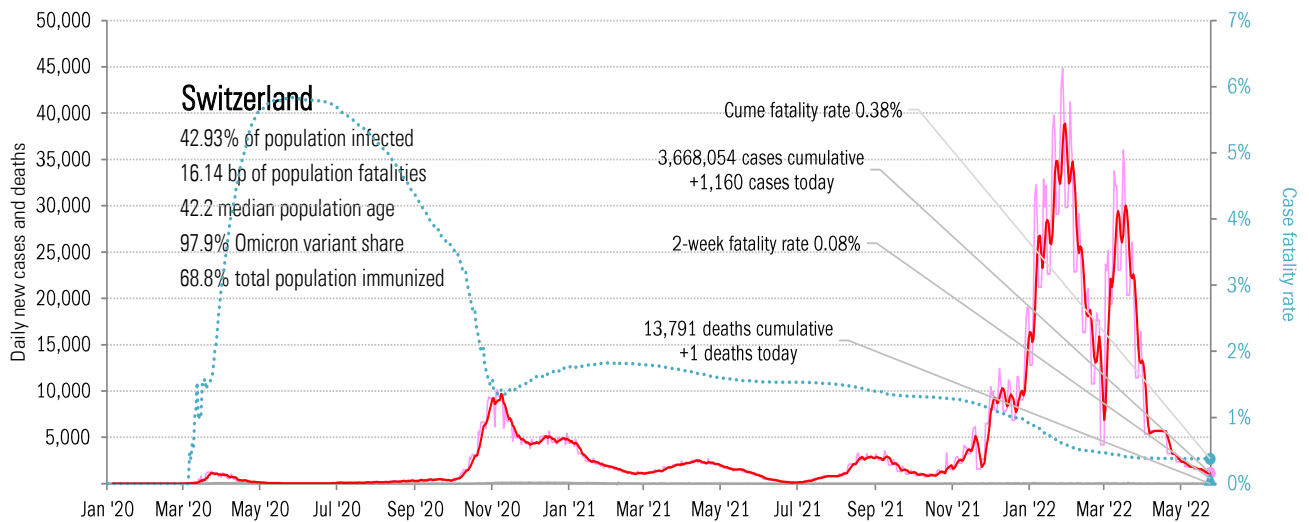
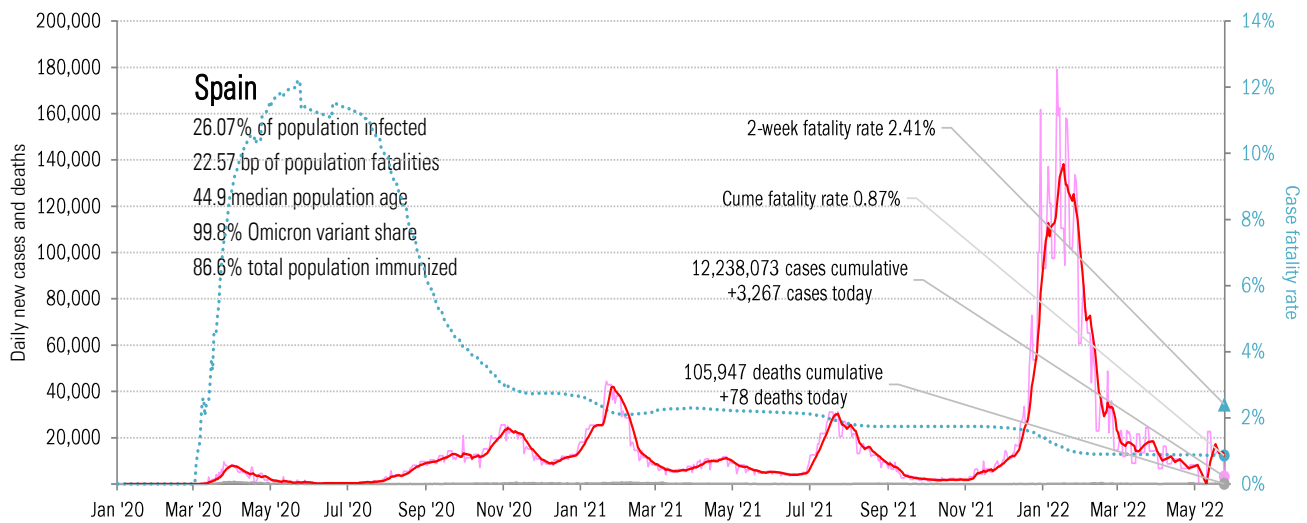
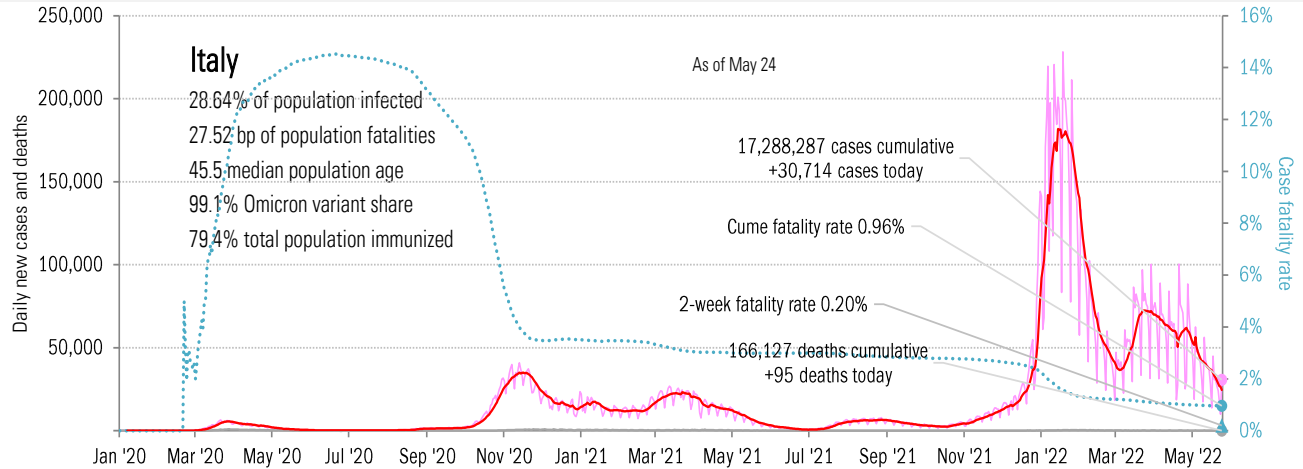
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

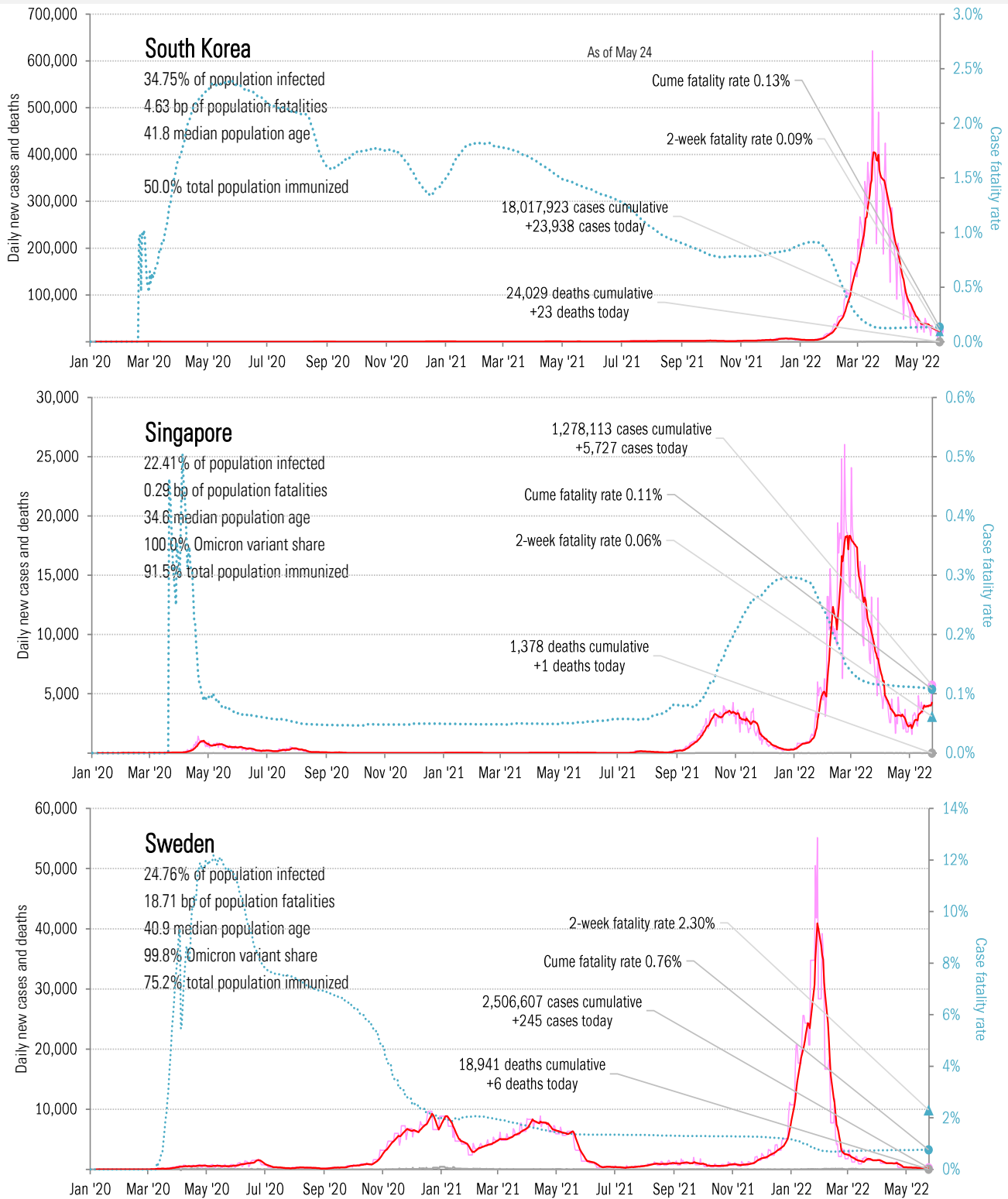
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

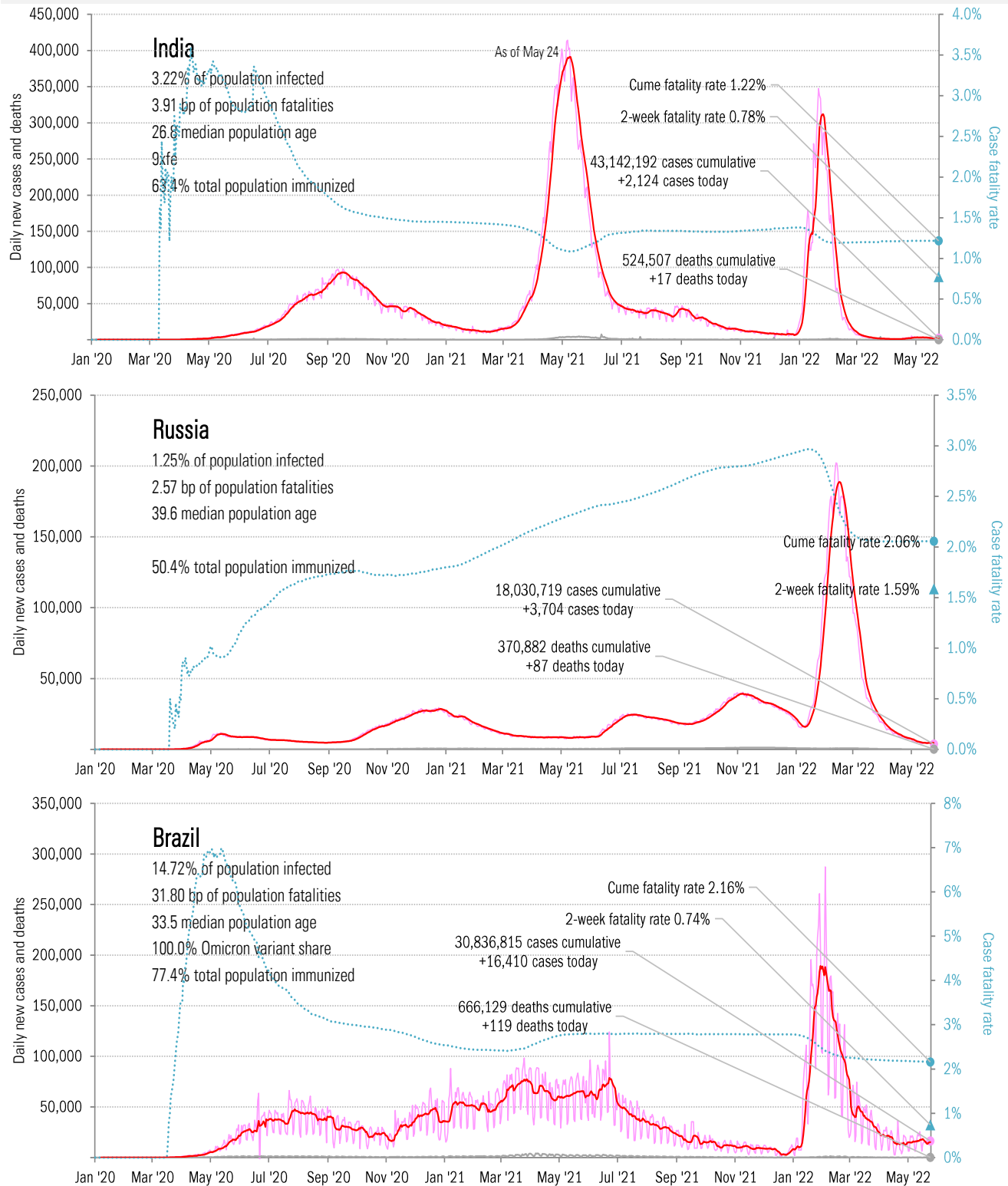
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

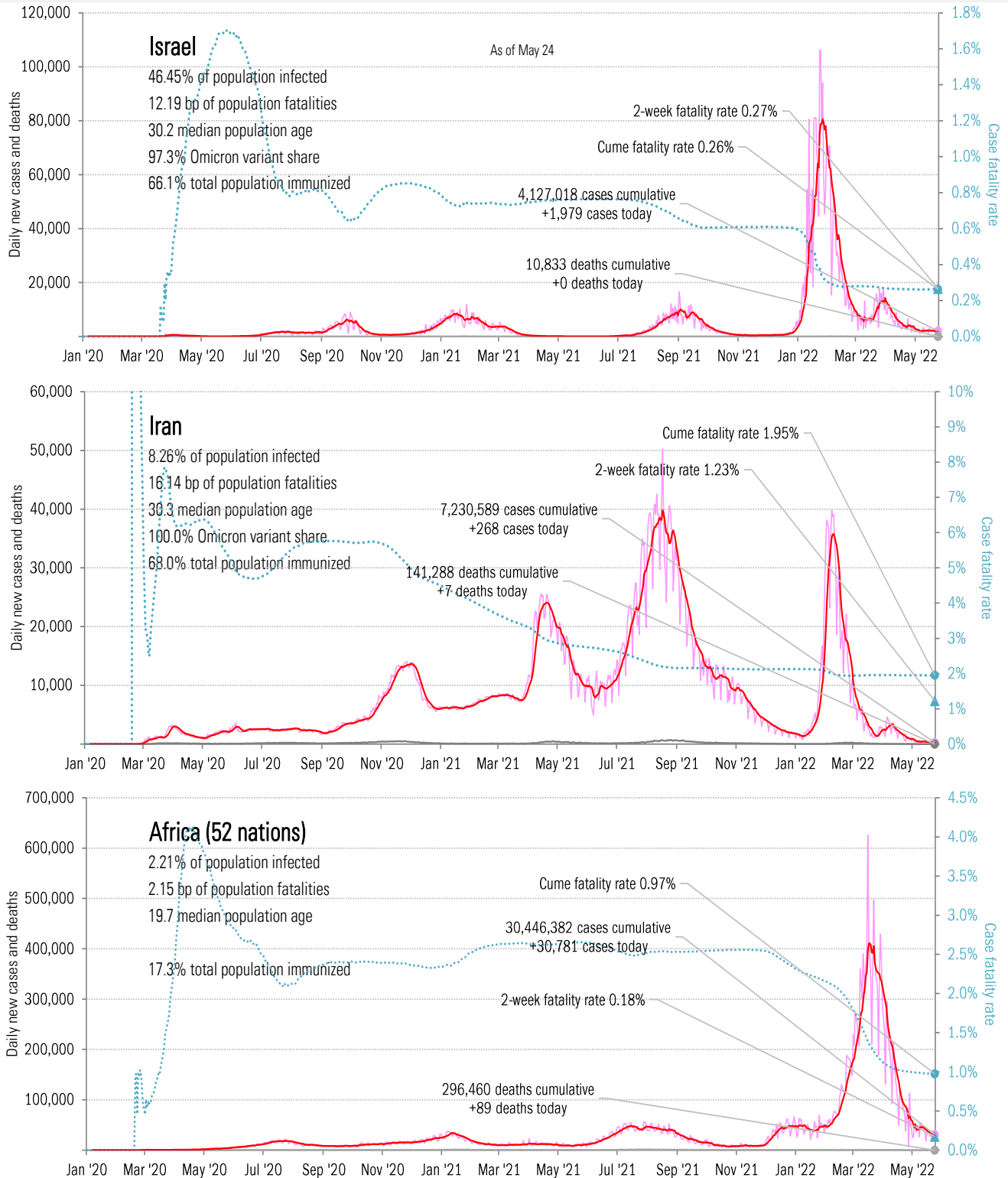
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

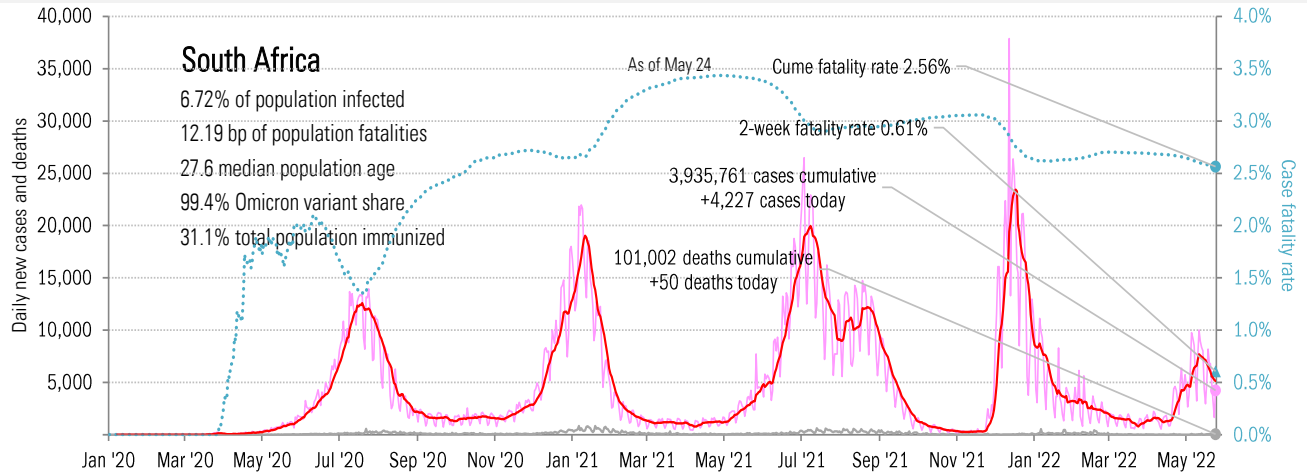
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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