

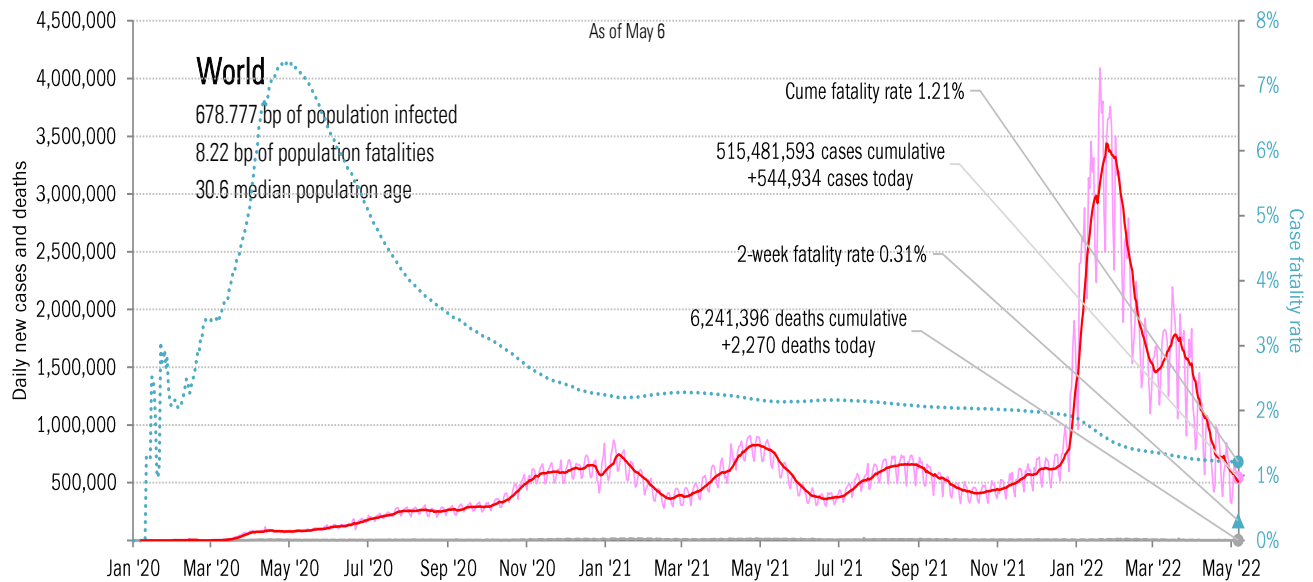
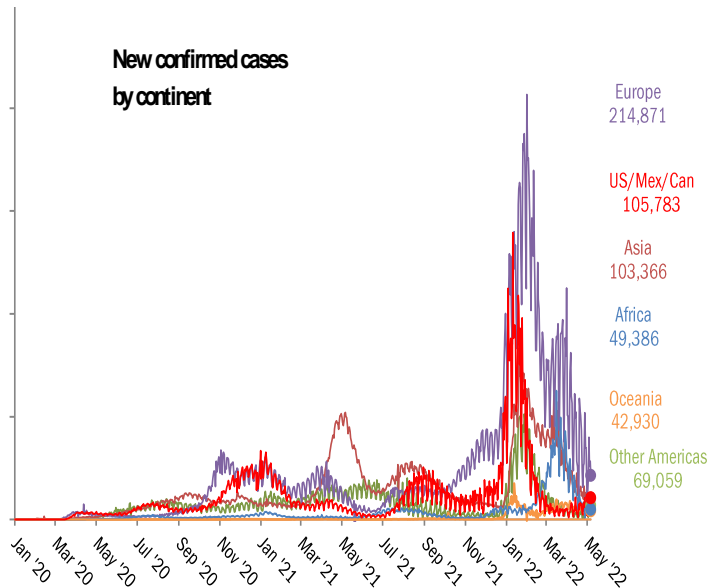
## Data Insights: Covid-2019 Monitor

Saturday, May 7, 2022

### The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	96,813	United States	529
Germany	72,252	United Kingdom	234
Italy	44,364	Brazil	195
France	40,235	Germany	184
Korea, South	39,552	Russia	132
Taiwan*	36,167	Italy	125
Australia	36,035	Thailand	120
Japan	21,541	France	110
Brazil	19,725	Korea, South	83
Thailand	16,155	Canada	82
<b>422,839</b>		<b>1,794</b>	
World	544,934	World	2,270
Top ten	78%	Top ten	79%



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

### For more information contact us:

Donald Luskin: 214 550 2121 [don@trendmacro.com](mailto:don@trendmacro.com)  
 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

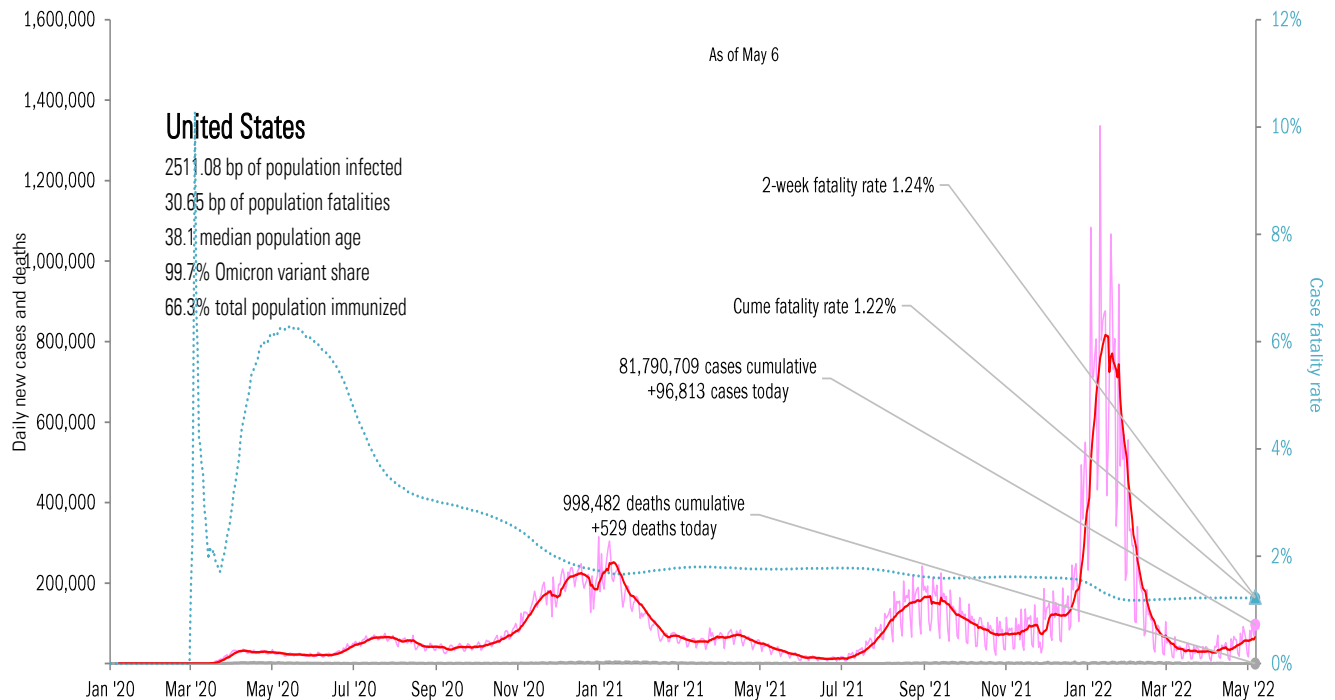
## The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	23,682		KS	55		NY	449		CA	9,288,293		CA	90,497		TX	490,763		RI	92%	DE	85%
NY	13,850		AZ	34		FL	219		TX	6,844,247		TX	88,161		CA	427,800		MO	91%	RI	85%
FL	8,490		CA	26		CA	212		FL	5,959,543		FL	74,180		FL	418,144		MA	86%	KY	83%
IL	7,709		IN	23		IL	126		NY	5,220,948		NY	68,449		NY	253,353		MN	84%	AL	82%
FR	6,618		NY	19		NJ	107		IL	3,169,315		PA	44,733		GA	207,946		MD	83%	WA	81%
MA	4,518		MA	18		AL	42		PA	2,829,027		CH	38,493		CH	192,448		WA	82%	TX	81%
NJ	4,266		TX	17		MA	110		CH	2,708,071		GA	37,969		PA	177,916		PA	82%	NM	81%
TX	3,297		CT	16		CO	40		NC	2,673,326		IL	36,093		IL	159,224		DE	81%	MA	80%
VA	2,677		FL	16		VA	55		GA	2,521,664		MI	36,064		MI	143,182		WV	81%	UT	80%
WI	2,596		WI	15		AZ	56		MI	2,444,891		NJ	33,482		KY	133,289		MI	81%	NC	78%
77,703			239			1,416			43,659,325			548,121			2,604,065						
All states	96,813		529		2,674		All states	81,790,709		998,482		4,728,365		All states	70%	67%					
Top ten	80%		45%		53%		Top ten	53%		55%		55%		Median	75%	73%					

Some states not reporting

## Five most improved US states

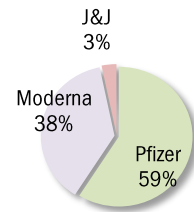
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CH	-11,013	FL	-140	CH	-141	ND	+70 bp
UT	-3,226	CH	-65	WA	-81	CT	+10 bp
TX	-1,546	CK	-43	WI	-34	IN	+10 bp
CK	-739	UT	-13	CT	-31	MA	+10 bp
OR	-646	CO	-12	ME	-21	MS	+10 bp



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	593,557,134		+0.206 million	US	66.3%	77.7%
Boosters	44,141,364		+0.017 million	UK	72.9%	78.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	265,779,202	80%	226,328,702	68%	+0.025 million	Spain 86.5% 88.2%
Age 12 to 17	17,750,080	70%	(187,892,324)	-743%	+0.005 million	Germany 76.8% 76.9%
Age 18 to 64	178,700,644	88%	151,582,692	75%	+0.008 million	Italy 79.4% 84.1%
Age 65 and over	58,986,988	100%	51,275,462	94%	+0.009 million	Australia 83.6% 86.4%



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

AK	69.9%
	62.4%

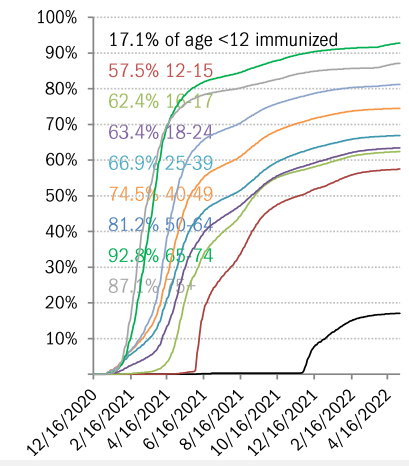
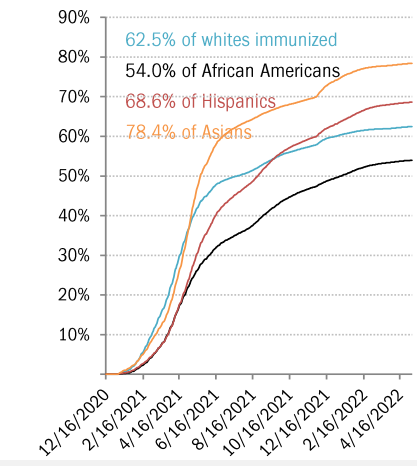
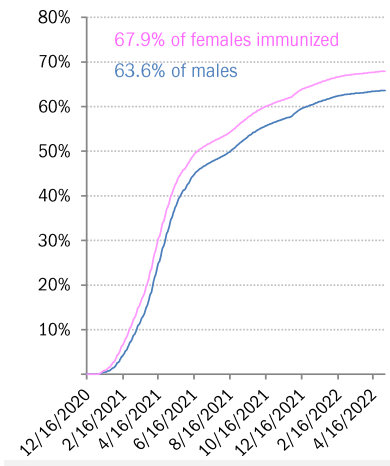
Israel	66.1%	72.2%
Canada	82.3%	87.4%
Japan	80.6%	81.9%
Africa	16.7%	22.1%
India	62.1%	72.1%
Brazil	76.9%	85.5%
China	86.6%	89.1%

Global data differs due to sources, timing

As of May 6

					WI					ME
					71.9%					90.6%
					65.6%					79.7%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
80.9%	61.6%	65.3%	65.6%	75.1%	76.5%	67.0%		90.2%	93.6%	88.2%
72.6%	54.5%	56.8%	55.6%	69.2%	68.8%	60.2%		77.0%	81.2%	70.4%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
77.9%	75.3%	58.9%	76.6%	68.0%	61.5%	63.6%	85.0%	90.5%	95.0%	
69.7%	60.9%	51.6%	61.6%	62.0%	54.9%	58.4%	68.5%	75.7%	79.1%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
83.8%	72.1%	79.4%	70.3%	66.2%	66.2%	65.0%	85.8%	86.6%	95.0%	95.0%
72.1%	64.3%	70.3%	63.6%	56.1%	57.4%	57.6%	73.3%	75.7%	79.3%	82.6%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	73.1%	87.8%	74.5%	66.7%	62.2%	84.3%	67.7%	95.0%	83.2%	
	61.6%	71.2%	61.5%	54.5%	54.6%	61.2%	57.0%	77.7%	69.2%	
			OK	LA	MS	AL	GA			
			71.1%	61.0%	59.6%	62.8%	65.4%			
			57.3%	53.5%	51.9%	51.2%	54.8%			
			TX					FL		PR
			73.2%					79.4%		95.0%
			61.5%					67.0%		83.1%

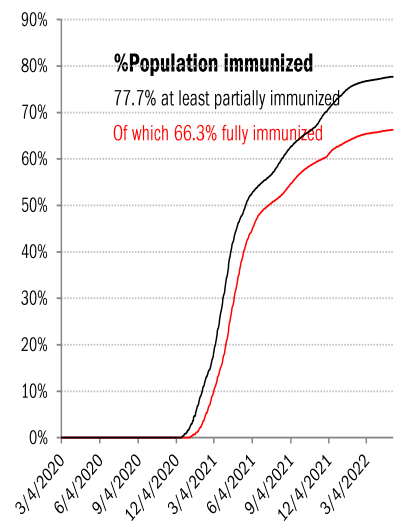
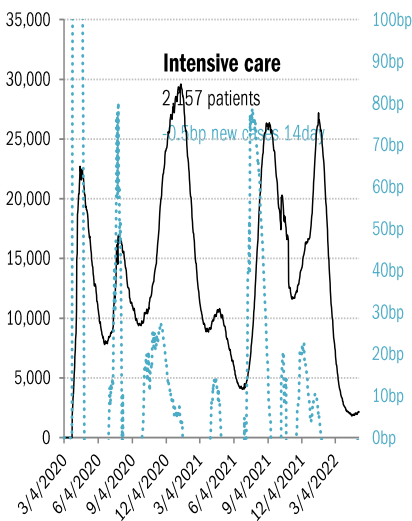
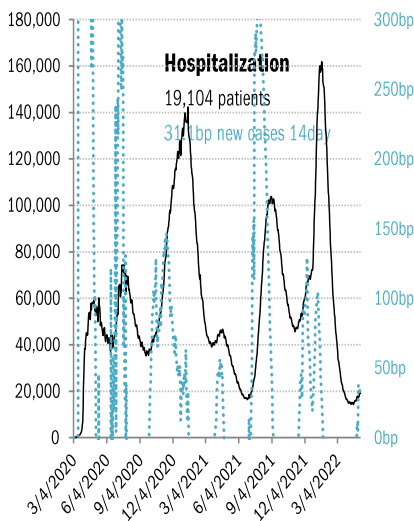
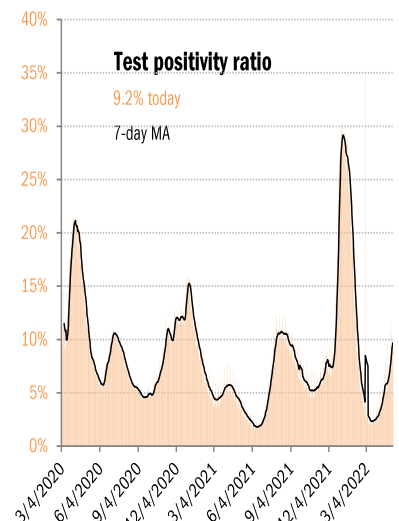
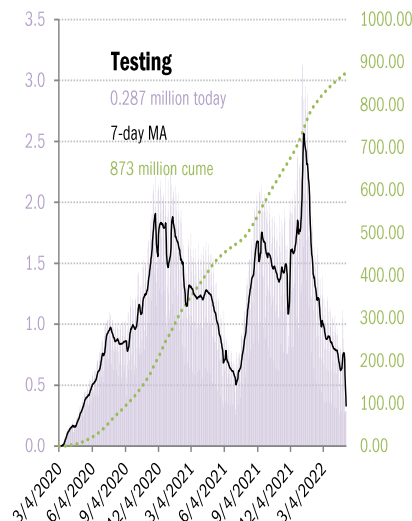
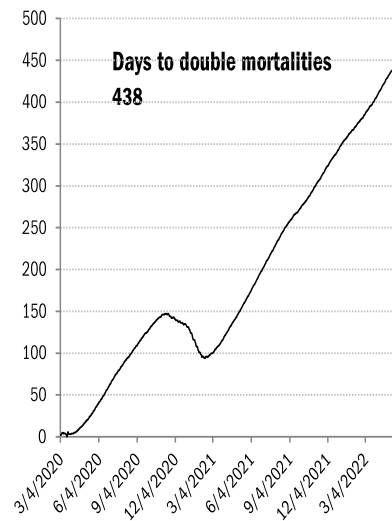
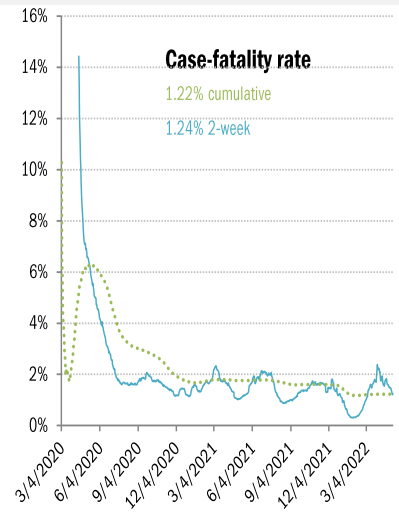
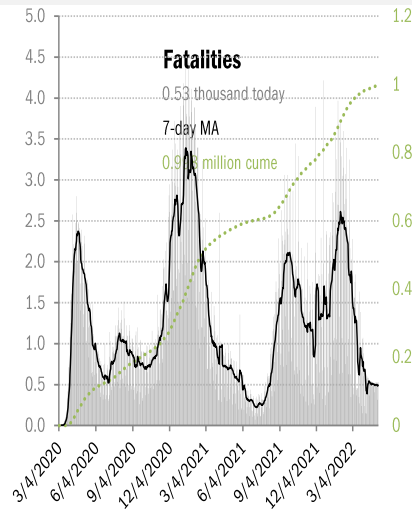
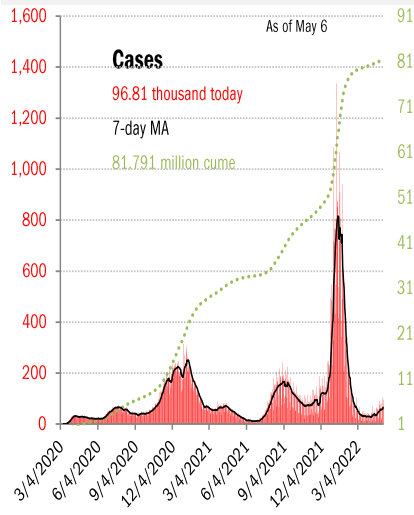
## The demographics of US vaccination



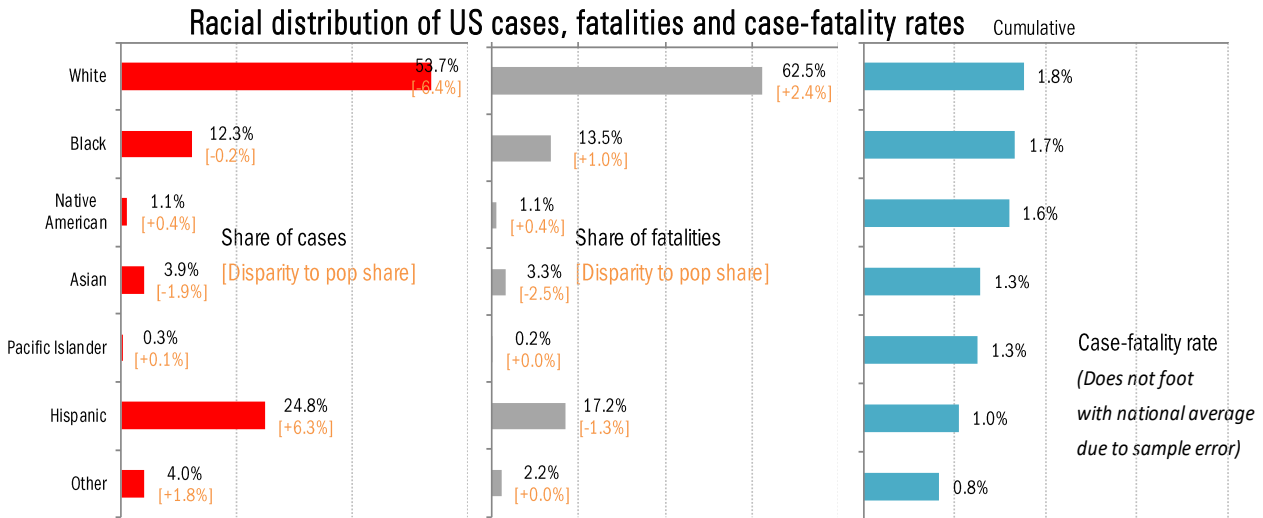
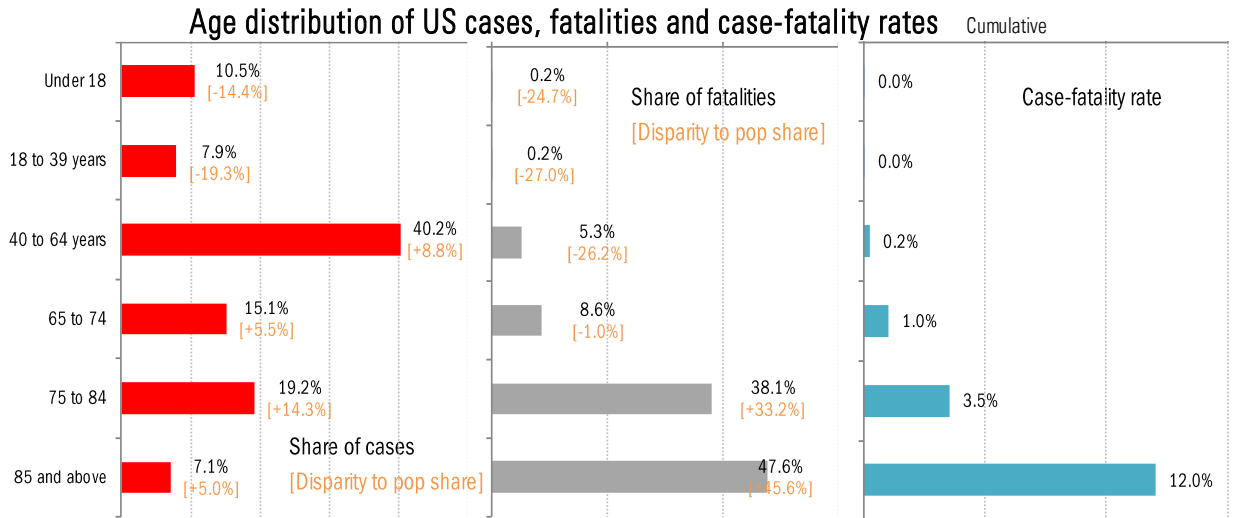
Source: CDC, CDC, Our World in Data, TrendMacro calculations

# US deep-dive

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

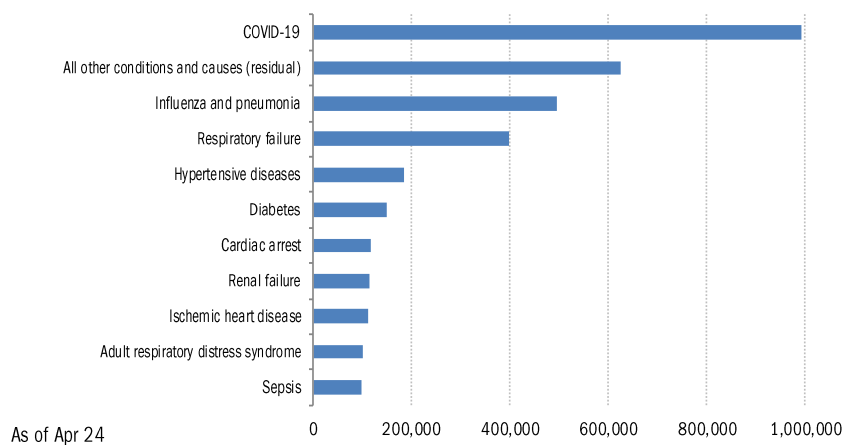


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



### Comorbidities

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

[WTO Meeting on COVID Vaccine Rights Waiver Went 'Very Well' -Chair](#)

Reuters

May 6, 2022

## Meme of the day

# 25 Things More Effective Than The COVID Vaccine

Health

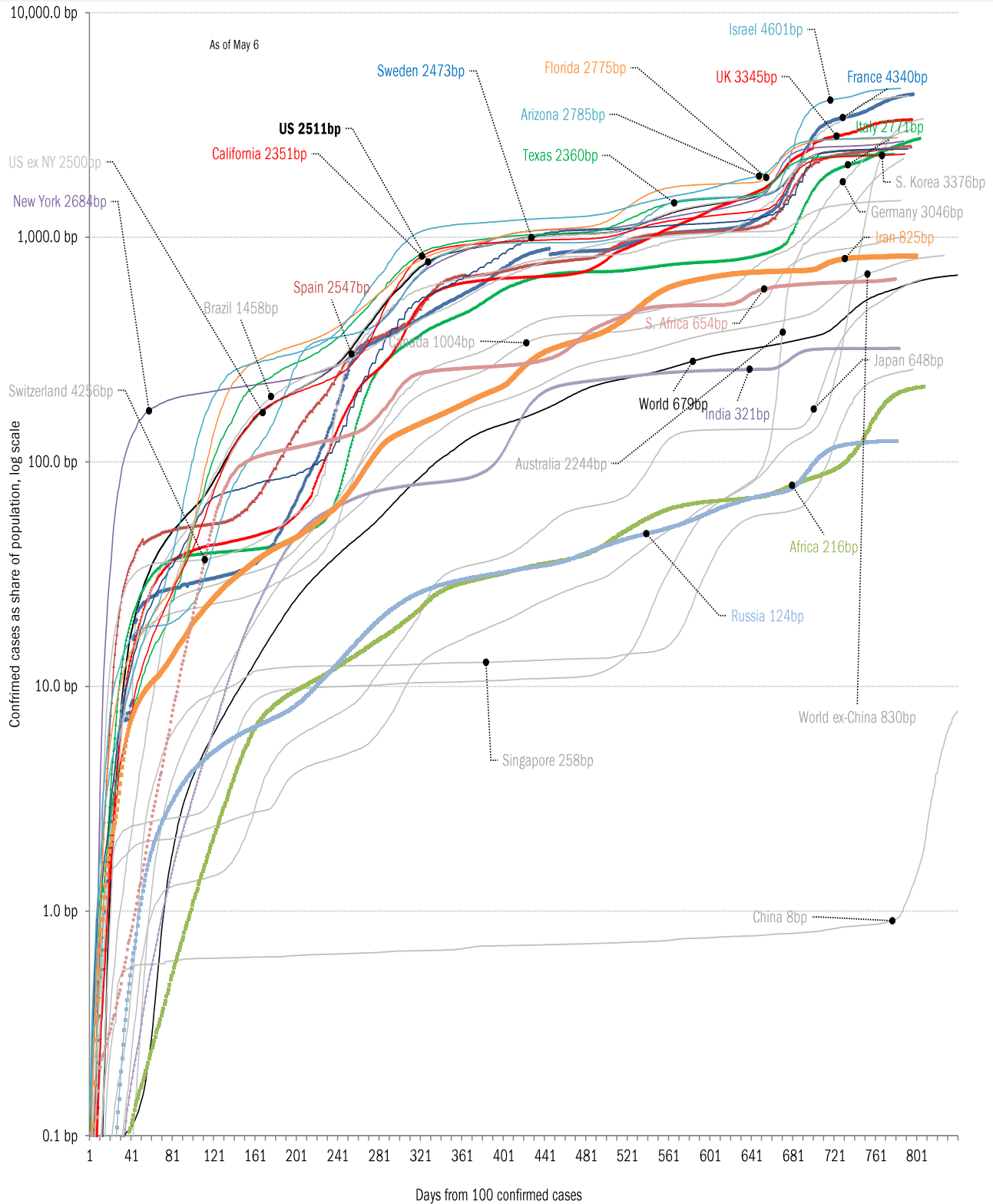
May 5th, 2022 - BabylonBee.com



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

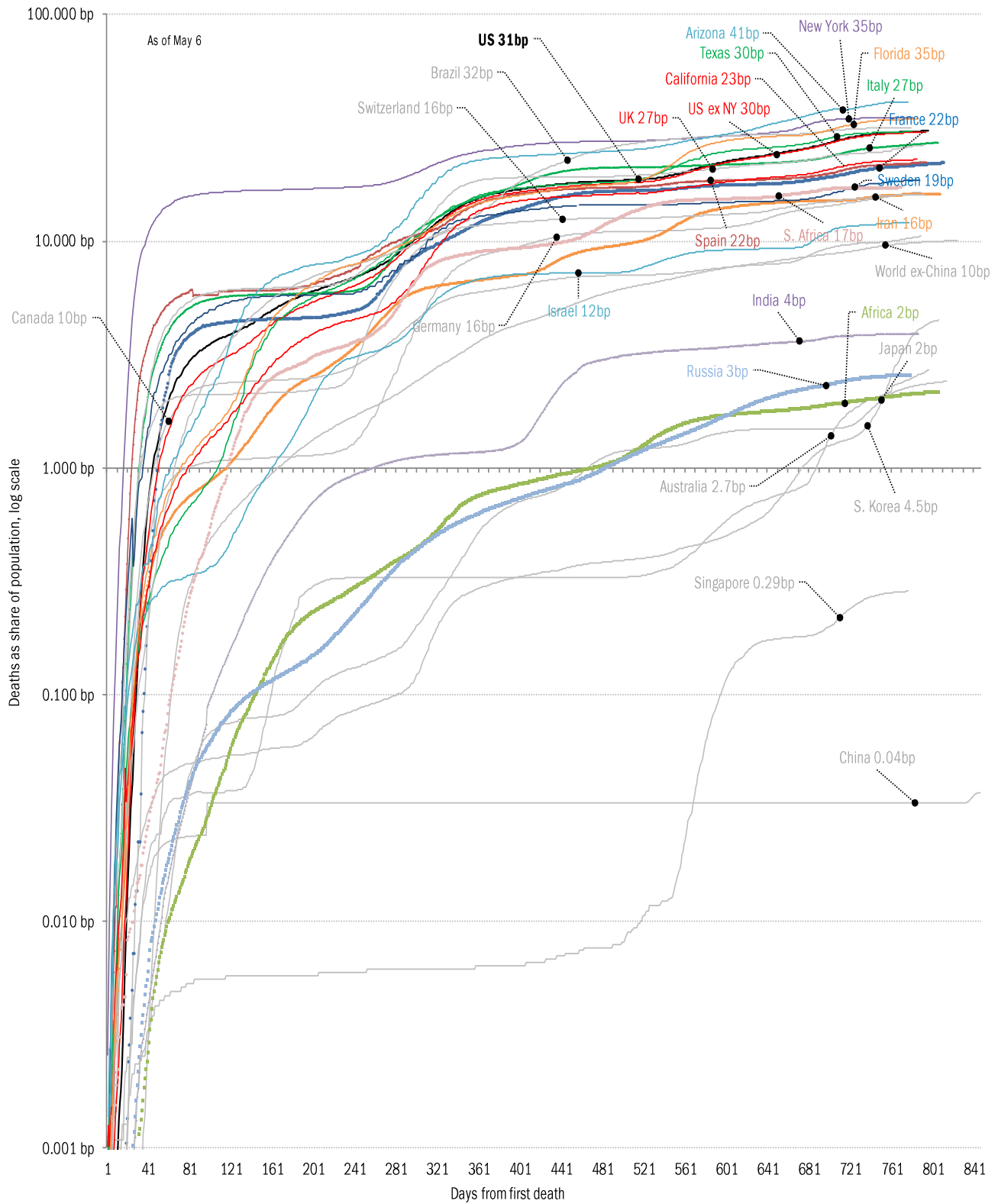
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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*



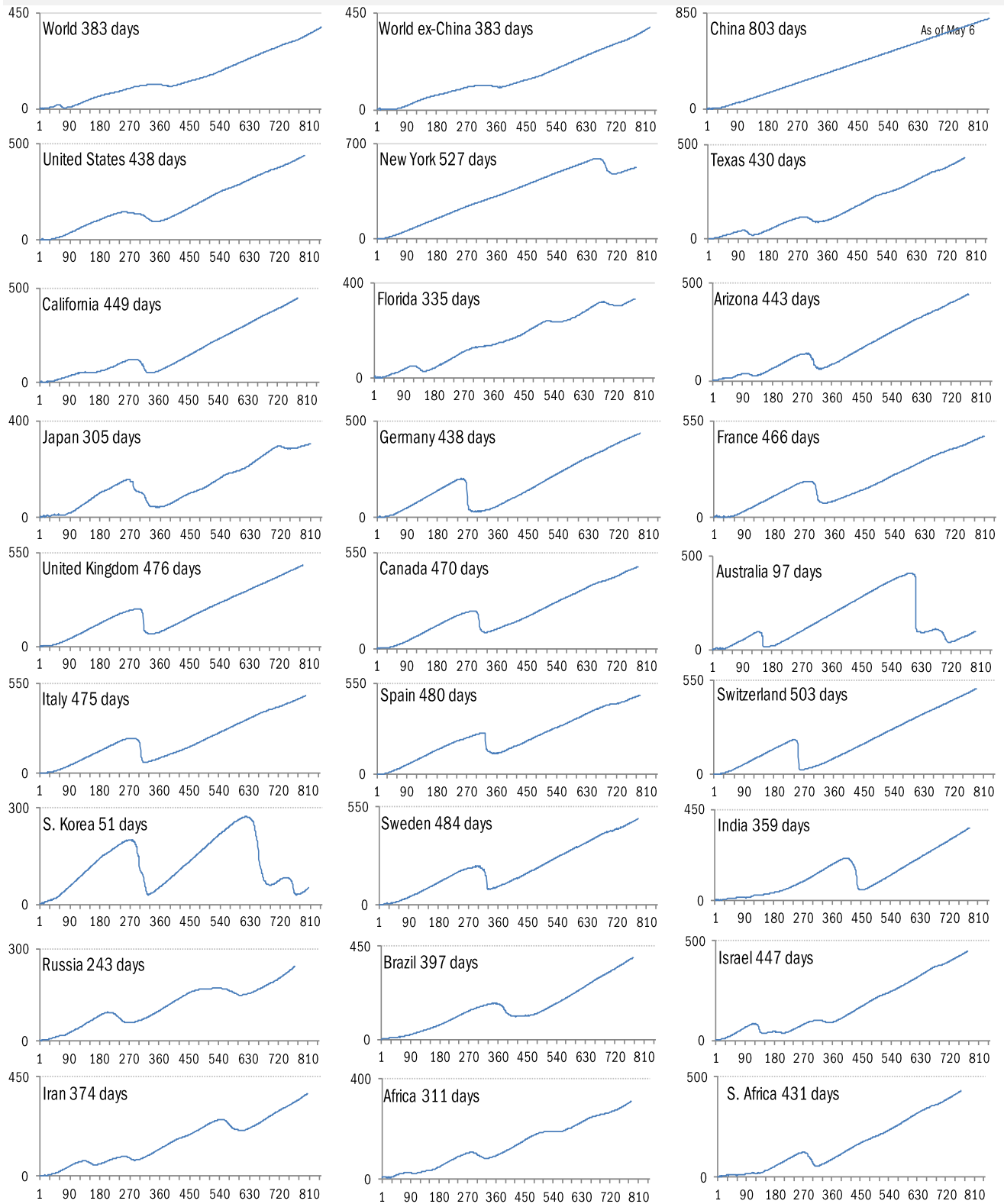
Source: [Johns Hopkins](#), TrendMacro calculations



# 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

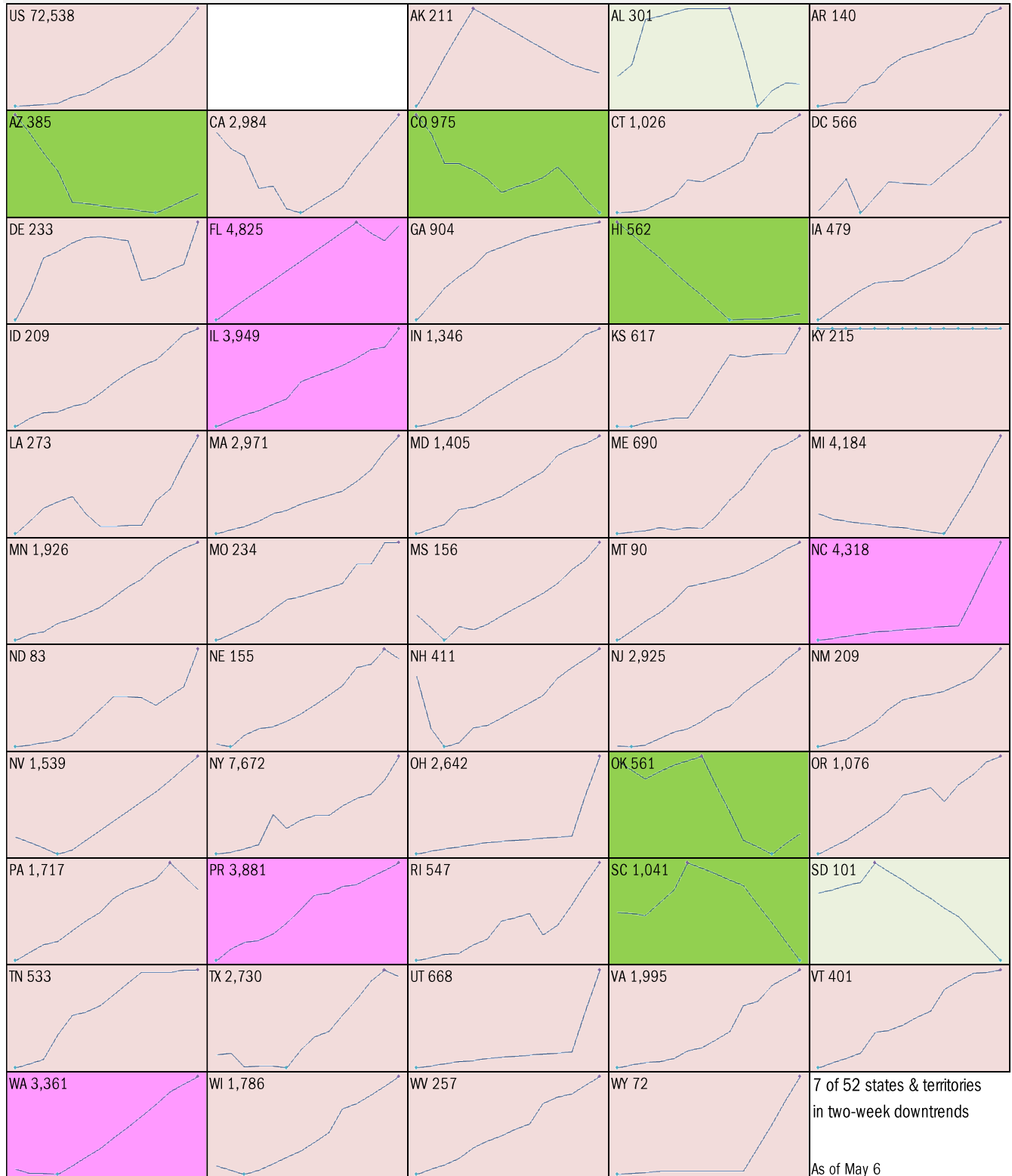


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

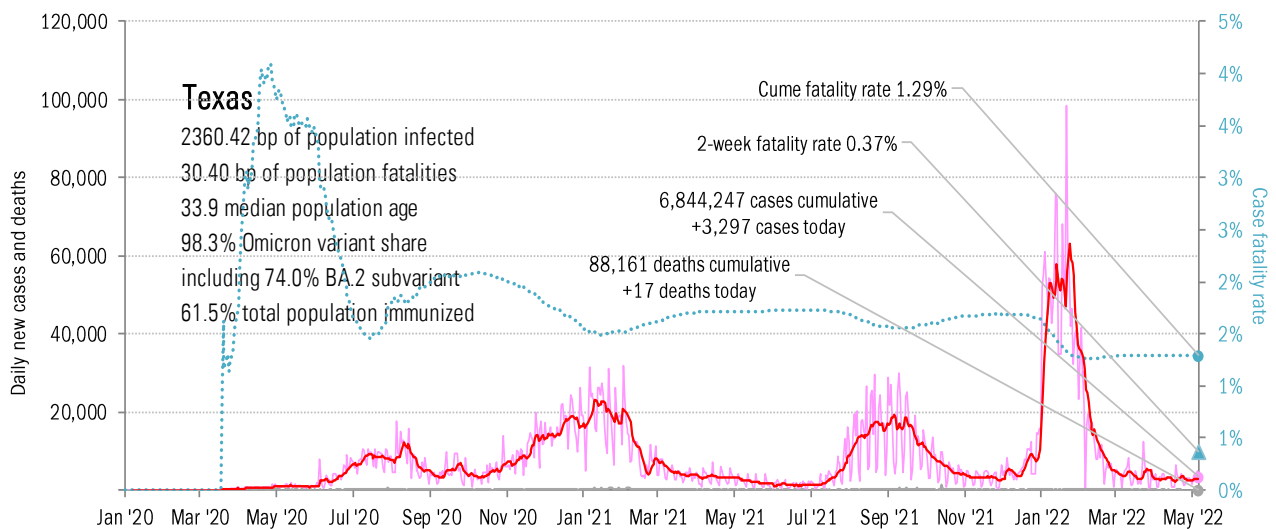
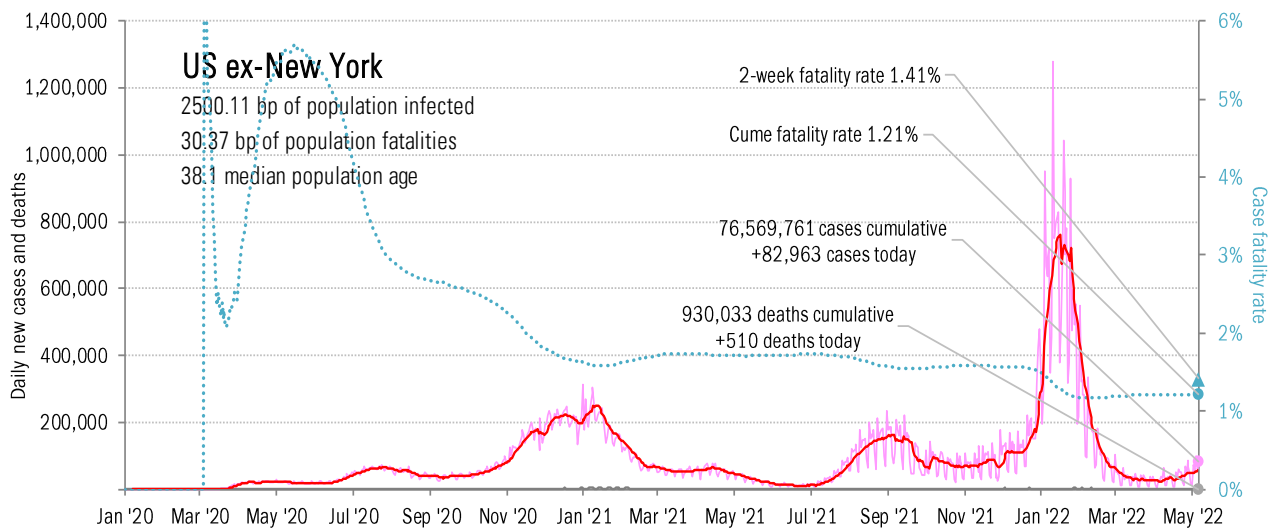
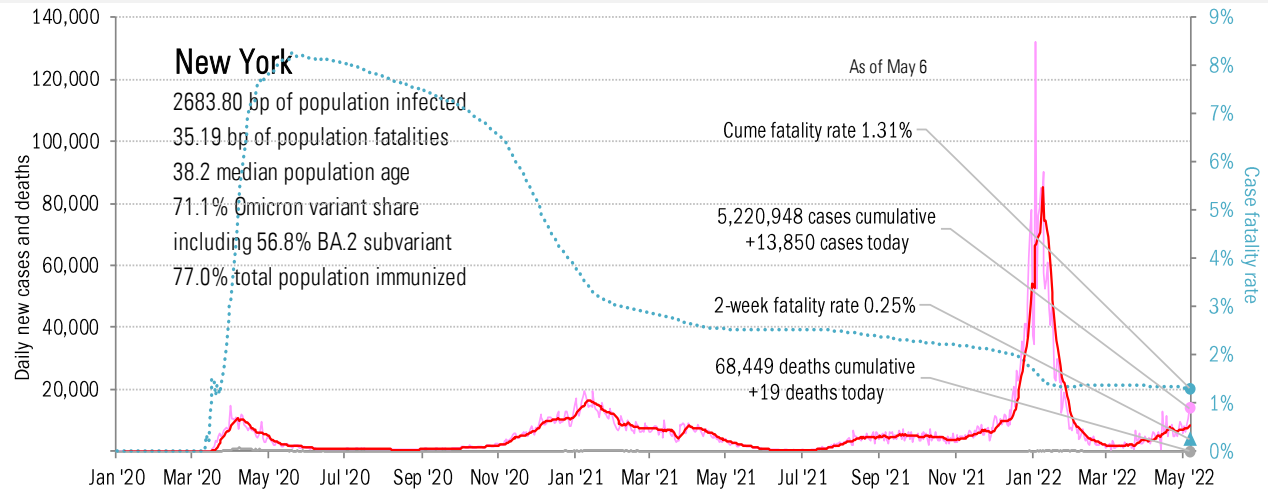
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

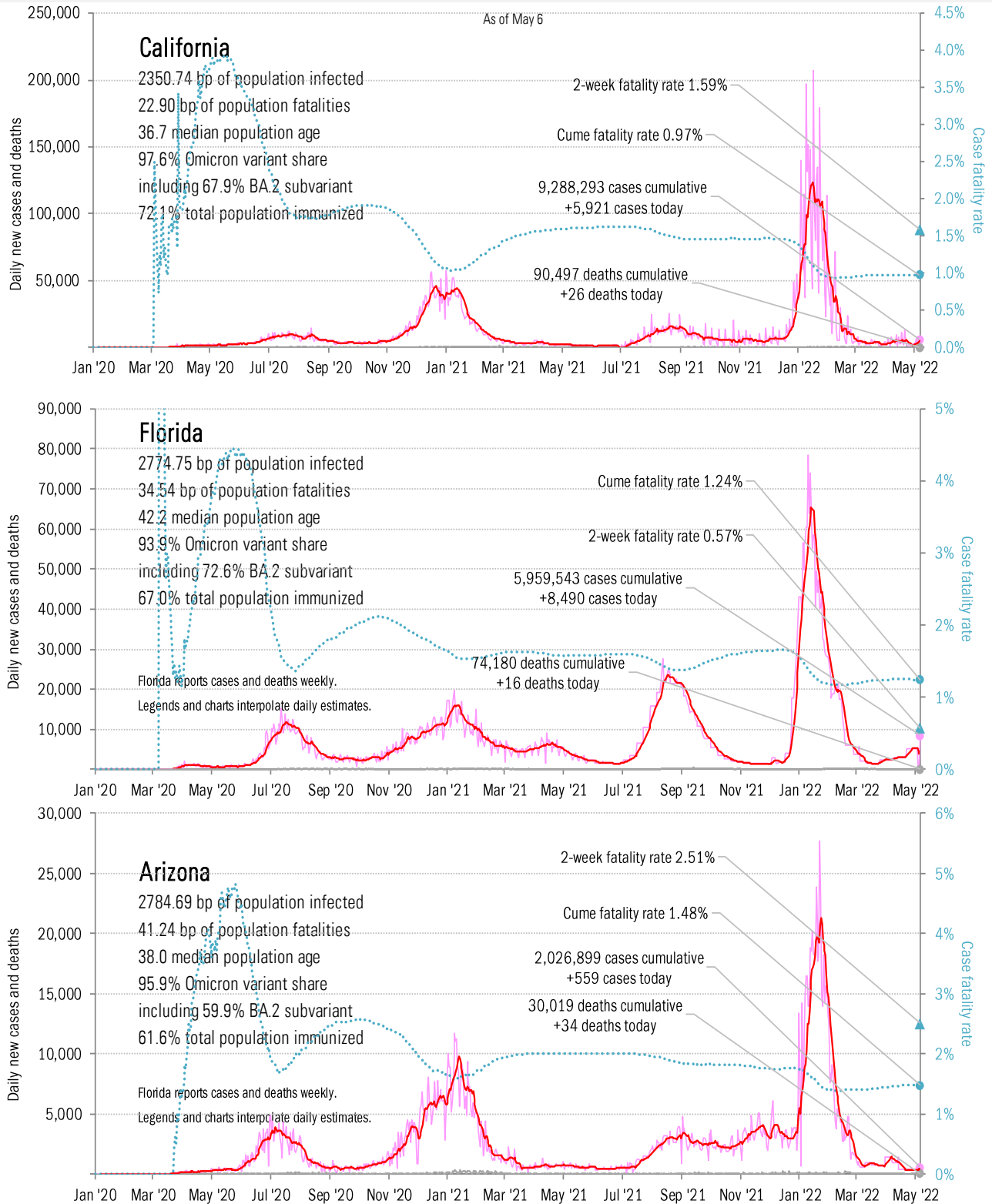
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

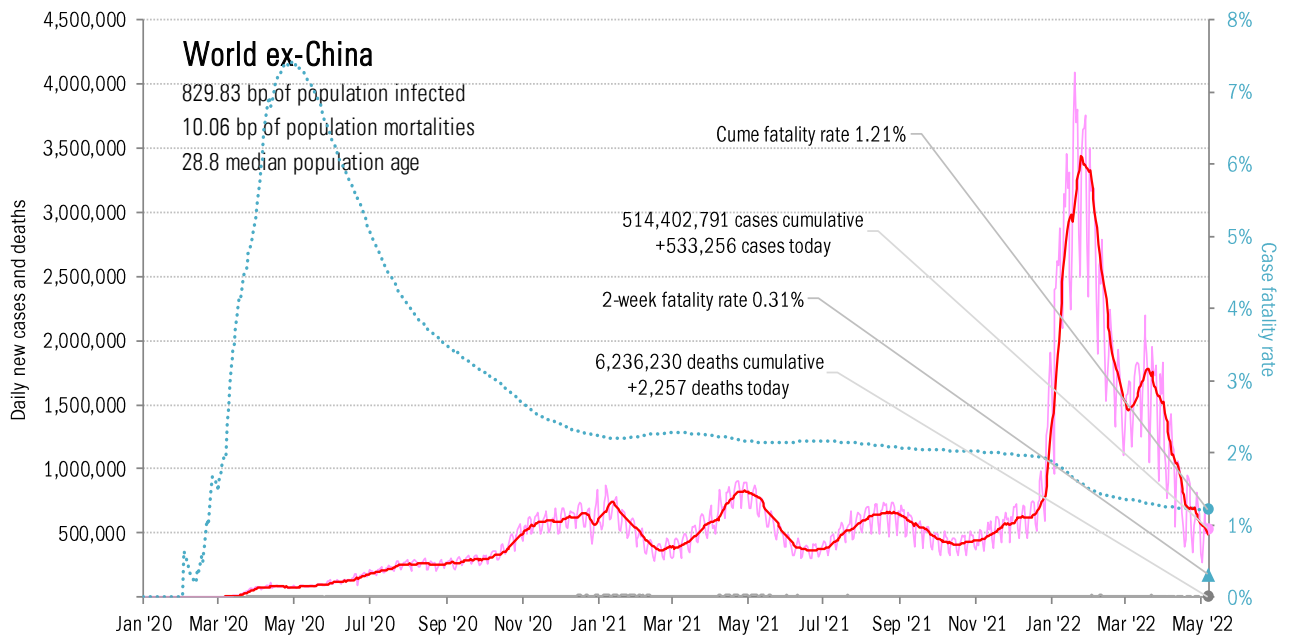
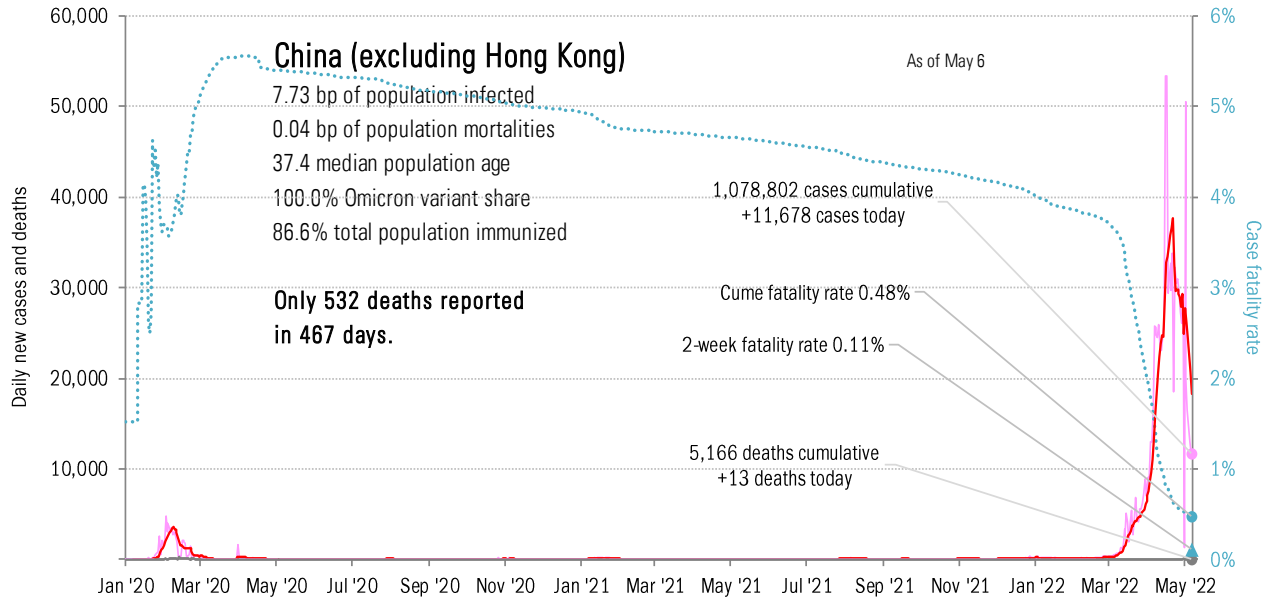
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

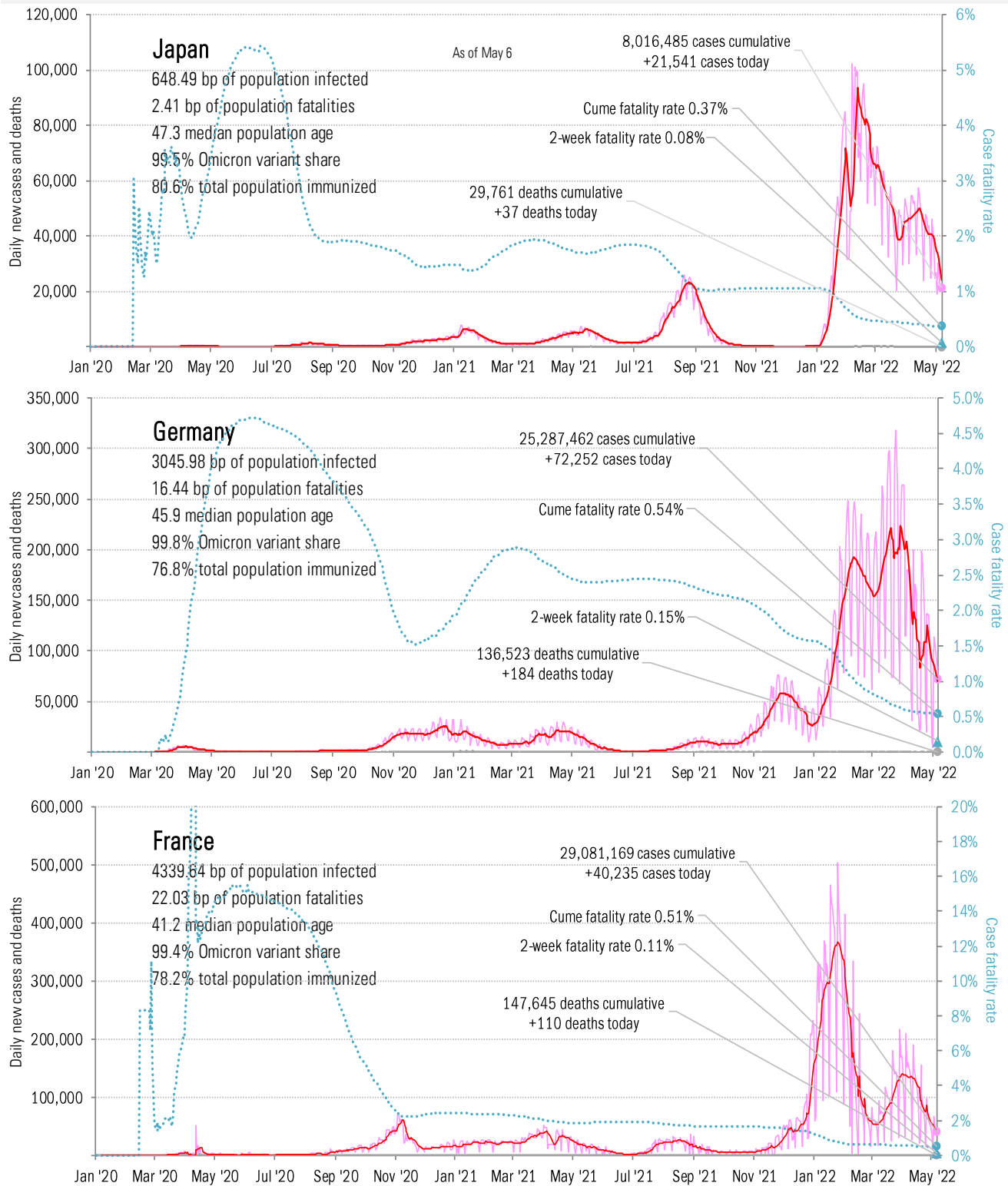
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

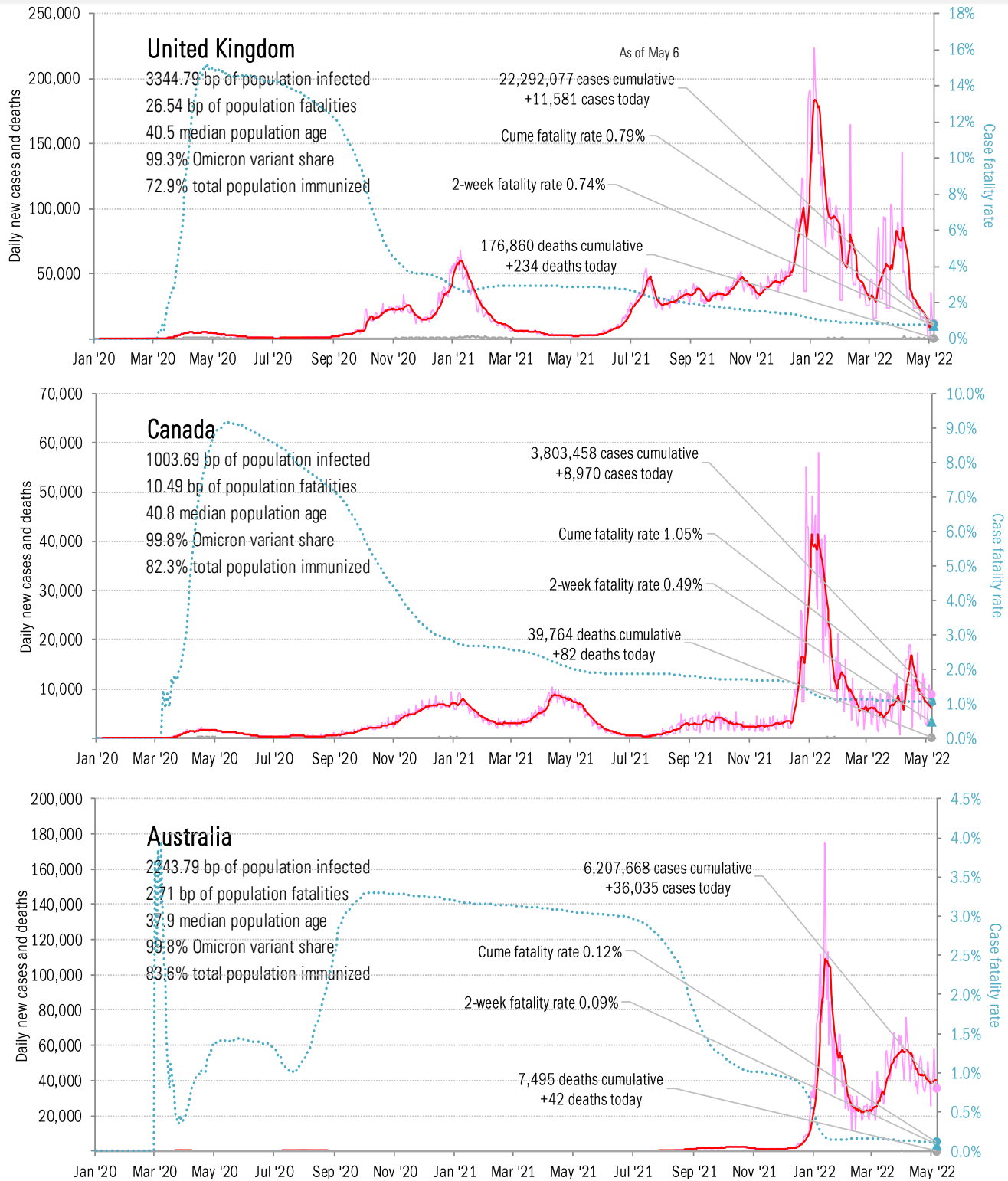
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

Cases: 7-day average and daily Deaths: Daily

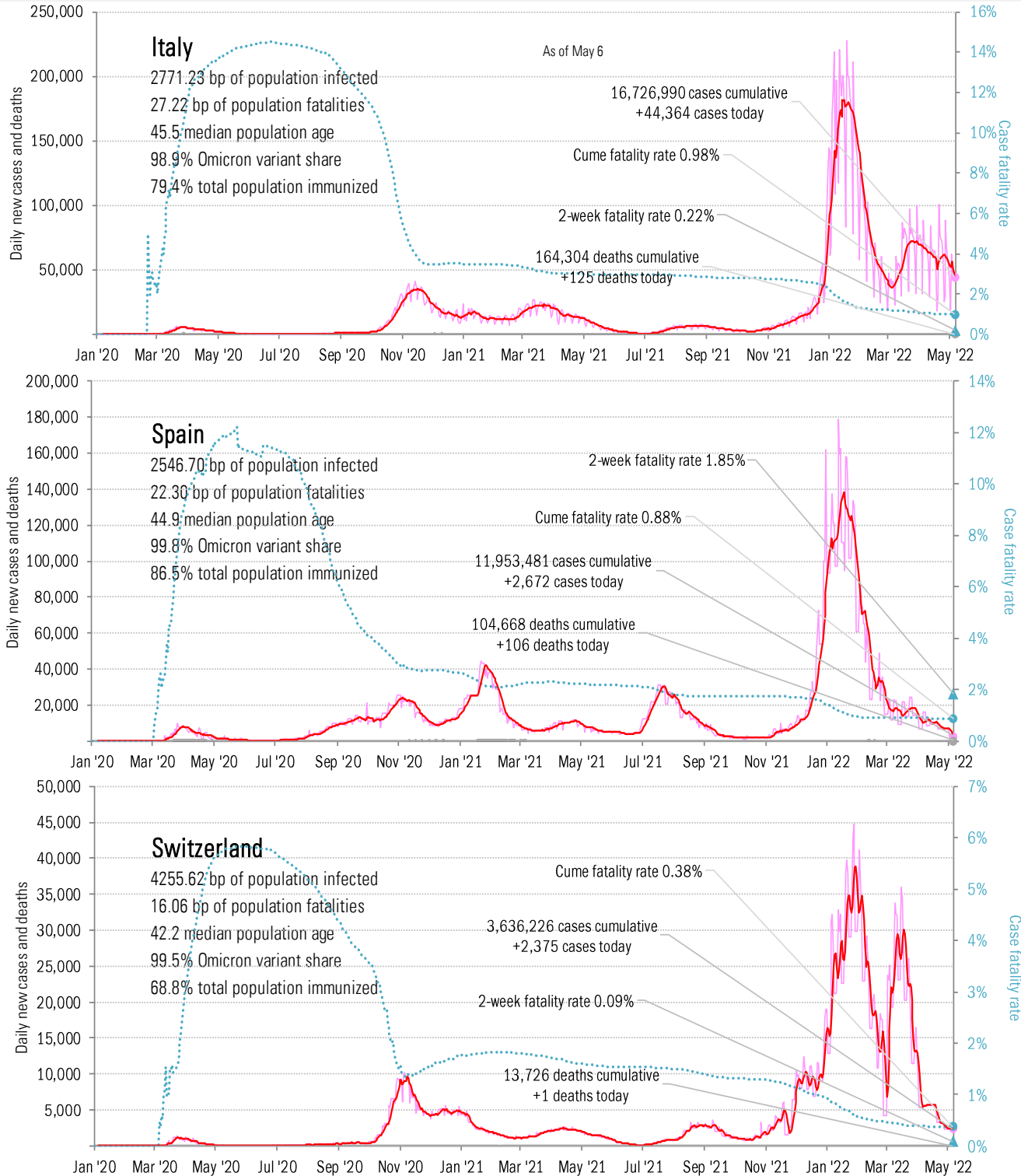


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in continental Europe

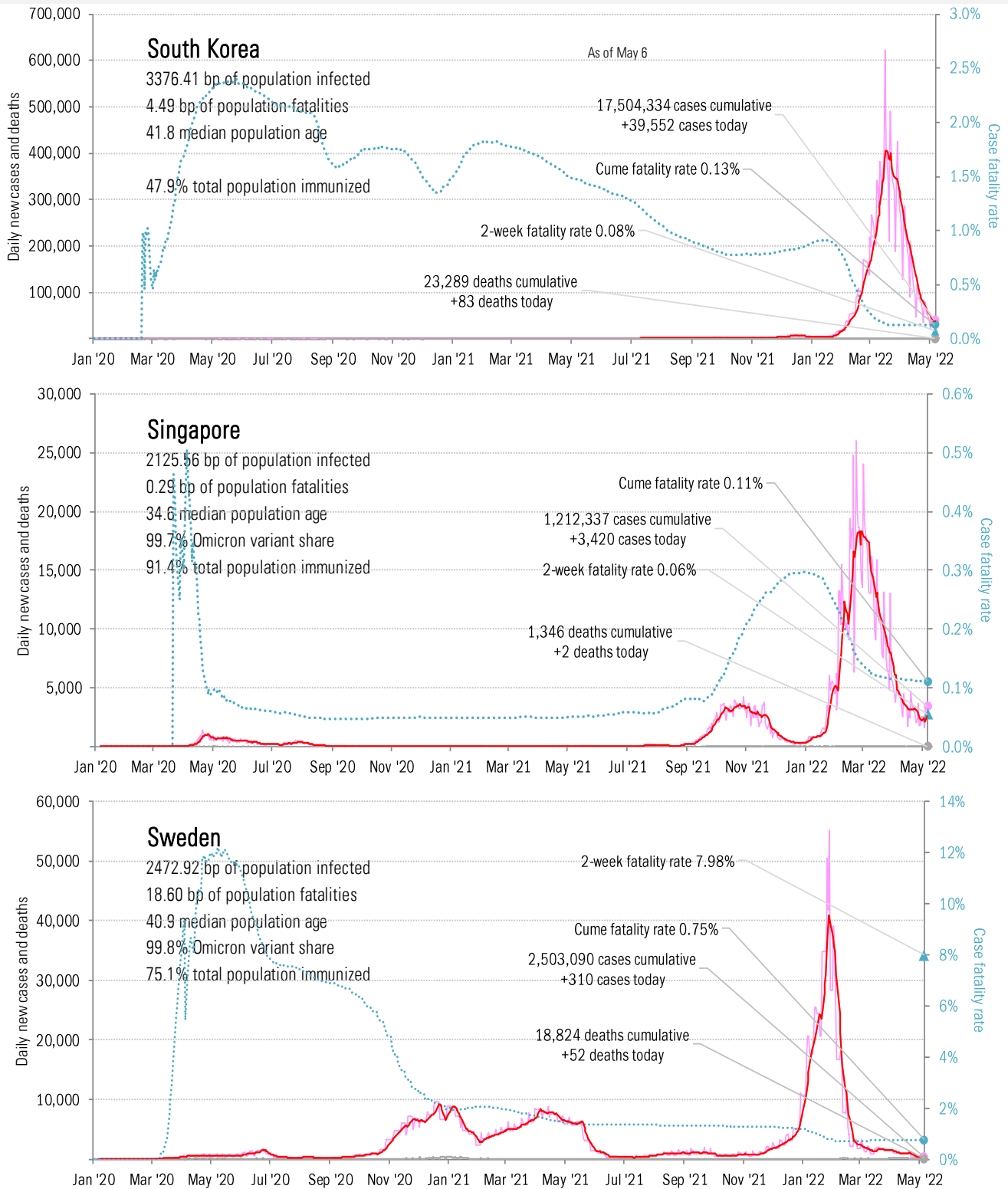
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

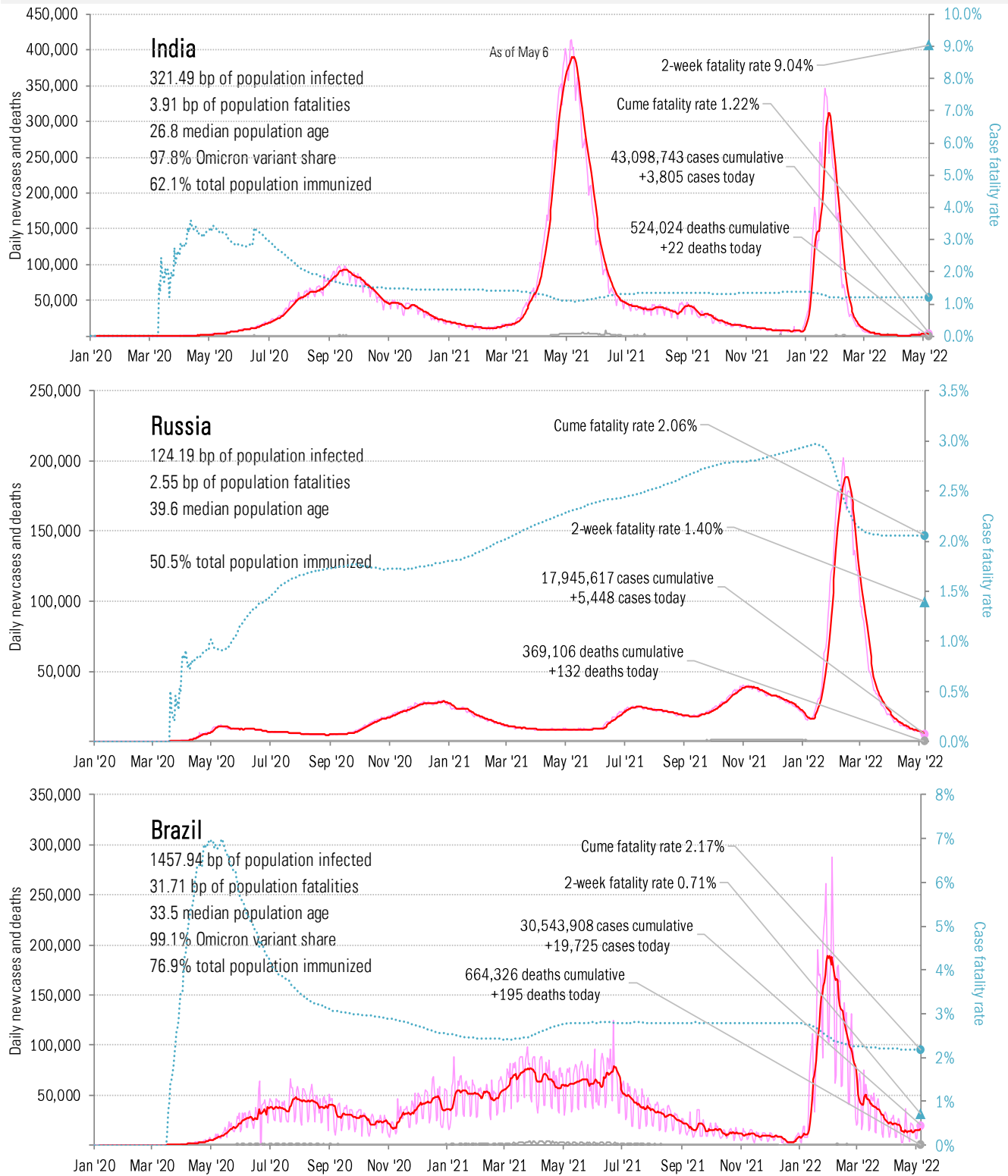
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

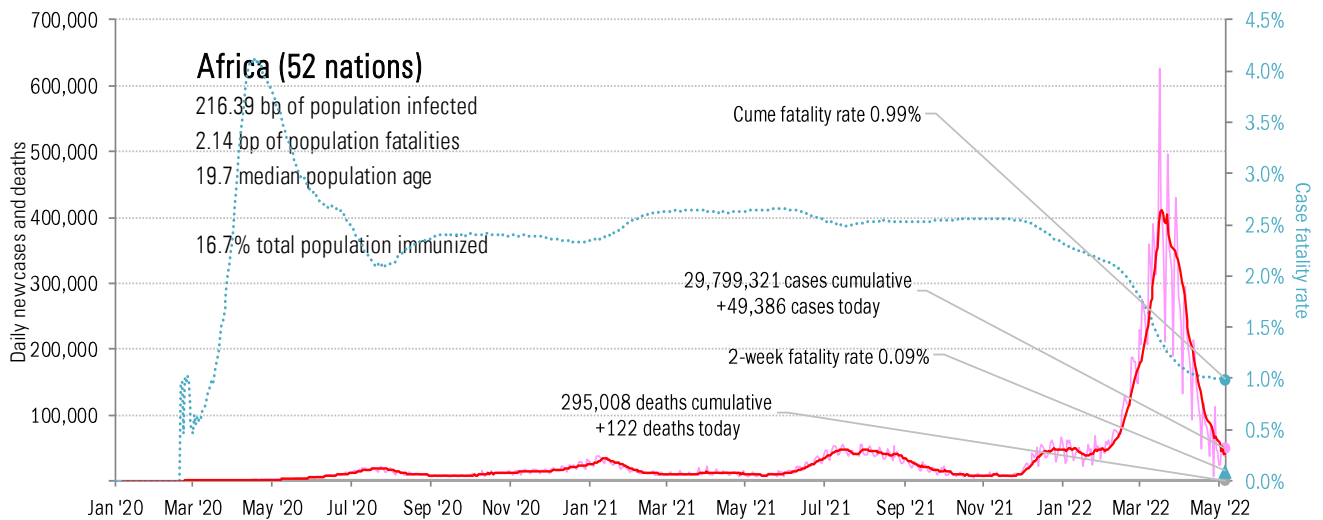
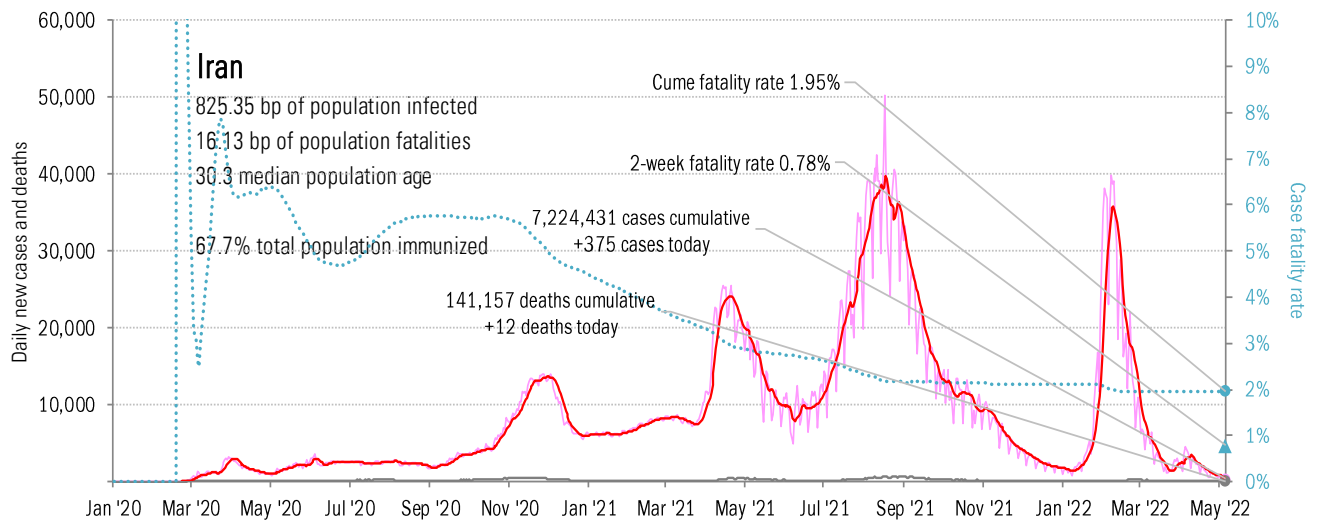
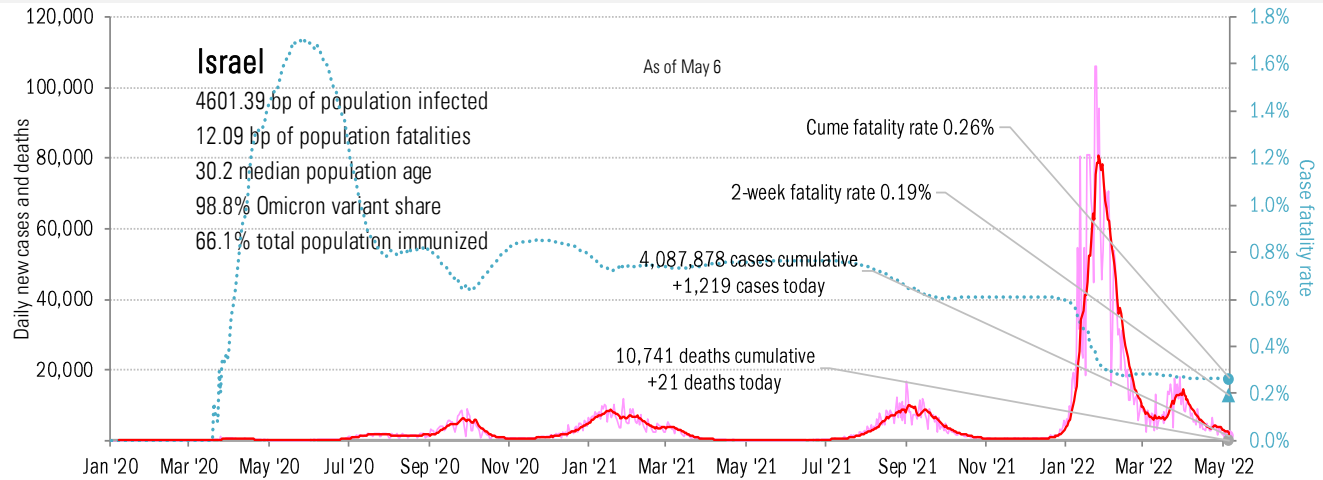
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

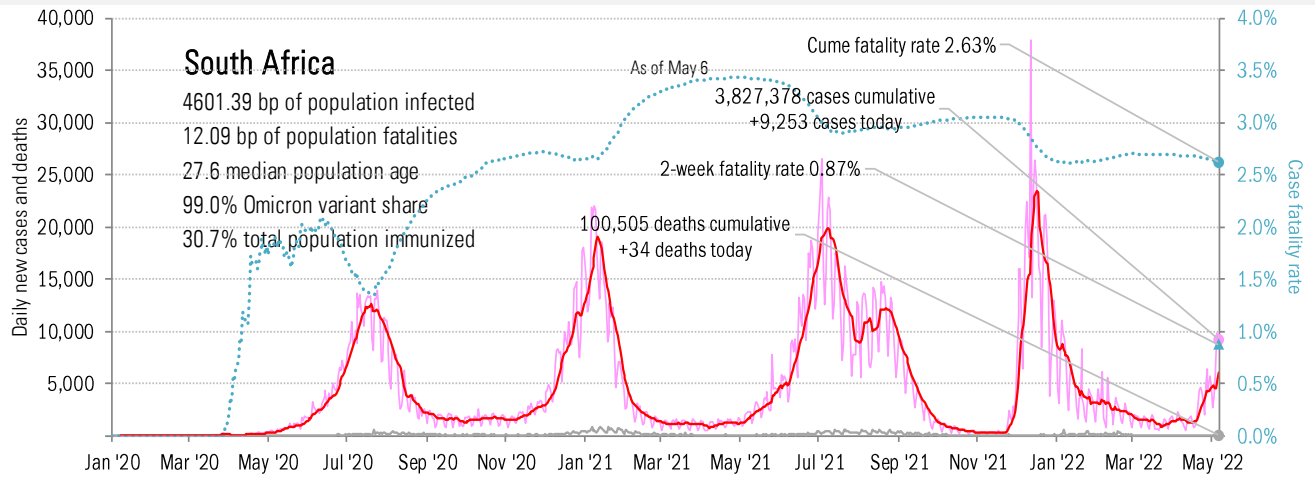
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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