

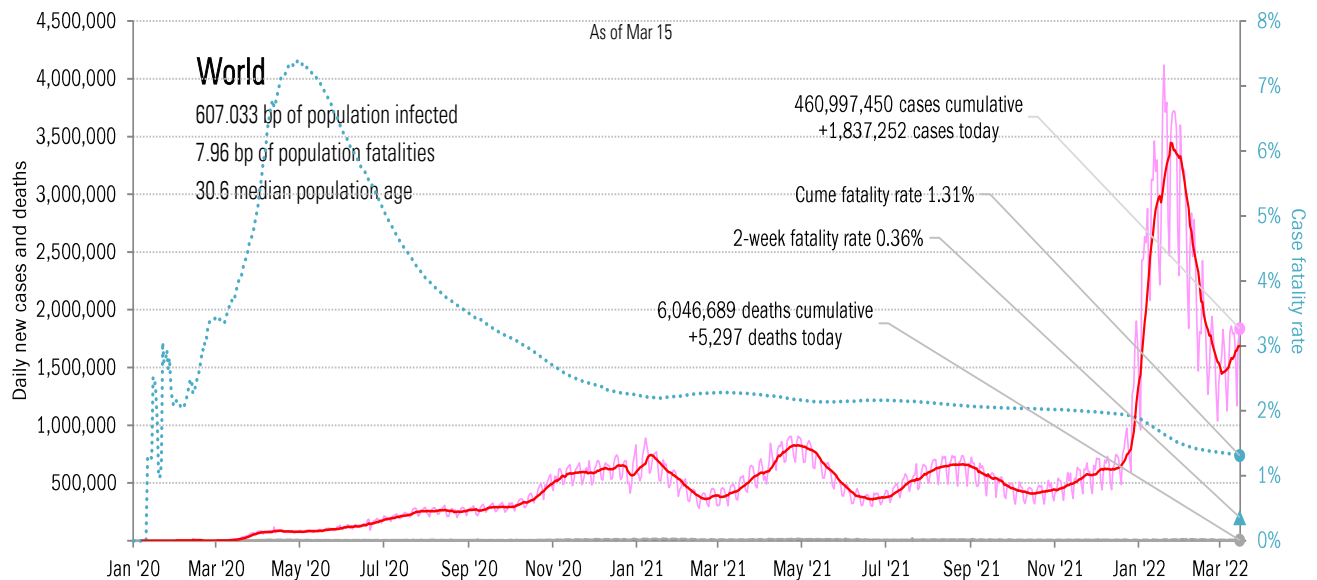
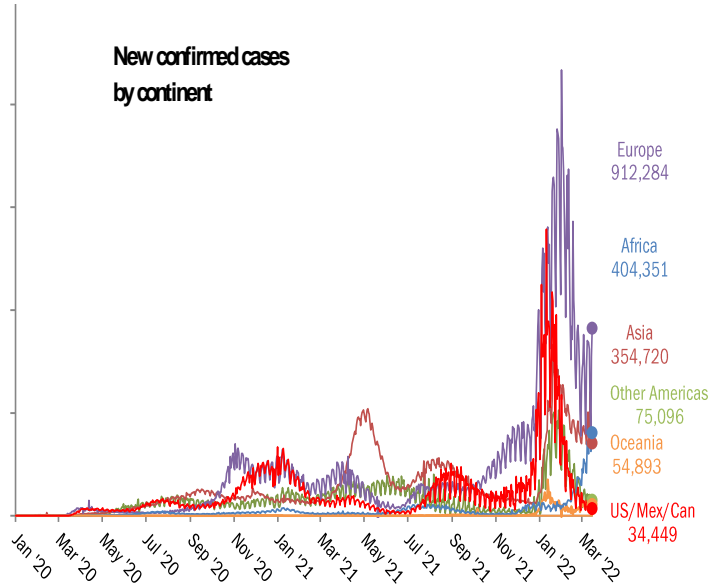
Data Insights: Covid-2019 Monitor

Wednesday, March 16, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Korea, South	400,725	United States	685
Germany	262,283	Russia	545
Vietnam	175,480	Brazil	321
United Kingdom	120,682	Indonesia	308
France	117,382	Spain	281
Italy	86,414	Germany	268
Australia	54,309	United Kingdom	226
Netherlands	52,983	Japan	188
Japan	50,695	Italy	180
Brazil	49,694	Poland	178
1,370,647		3,180	
World	1,837,252	World	5,297
Top ten	75%	Top ten	60%



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

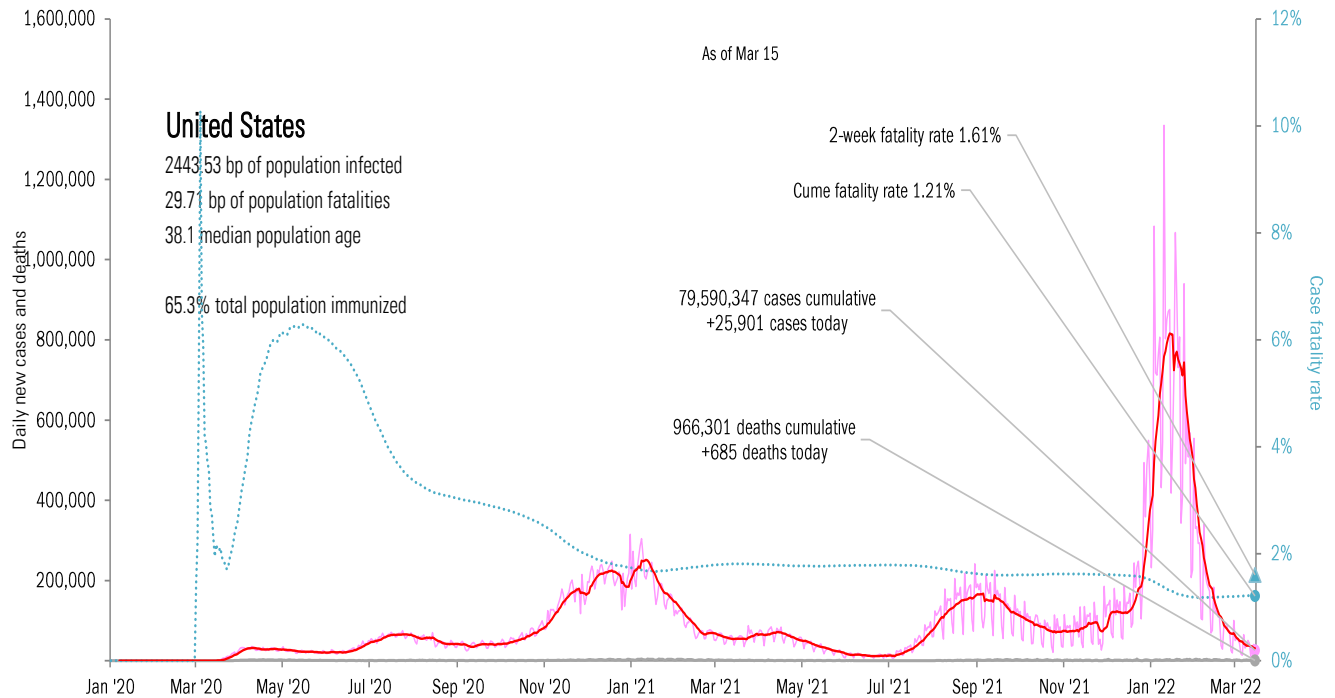
New cases			New deaths		New in hospital		Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	3,335		MO	299	AK	3	CA	9,047,972	CA	87,607	TX	484,211	RI	83%	KY	82%			
NY	3,128		FL				TX	6,676,625	TX	86,524	CA	419,472	MA	81%	TX	81%			
IL	1,574		TX				FL	5,871,916	FL	71,970	FL	411,492	WA	80%	AL	81%			
CA	1,568		PA				NY	4,952,485	NY	67,724	NY	243,061	MN	80%	RI	80%			
FL	1,459		AL				IL	3,049,616	PA	43,909	GA	206,705	DC	79%	NM	79%			
CO	1,294		WI				PA	2,771,080	CH	37,410	CH	189,136	PA	78%	MS	77%			
VA	1,294		GA				CH	2,663,835	GA	36,294	PA	174,577	WV	78%	AR	77%			
GA	1,249		CA				NC	2,612,382	IL	35,572	IL	155,365	MO	77%	WA	77%			
PA	1,013		VA	41	OR	0	GA	2,478,986	MI	35,210	MI	139,679	H	76%	NV	76%			
ID	825		WV	39	VI	0	MI	2,373,336	NJ	33,126	KY	139,172	GA	76%	DC	75%			
16,739			811		8		42,498,243			535,346			2,561,870						
All states	25,901		685		-1,209		All states	79,590,347		966,301		4,645,881	All states	70%		67%			
Top ten	65%		118%		-1%		Top ten	53%		55%		55%	Median	71%		69%			

New deaths and new in hospital figures are distorted today by revisions.

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CA	-7,332	CA	-256	GA	-131	UT	+20 bp
WA	-2,718	VA	-62	FL	-66	AR	+10 bp
NC	-2,481	WA	-36	MI	-49	GA	+10 bp
MI	-1,548	NC	-34	WV	-24	IA	+10 bp
MA	-1,489	MI	-22	ND	-22	MA	+10 bp



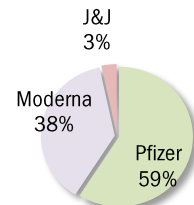
Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	572,407,722	+0.136 million	US	65.3%	76.7%
Boosters	97,398,441	+0.053 million	UK	72.2%	77.3%
	One dose	% Pop	Immune	% pop	New immune today
Total population	262,328,409	79%	222,996,281	67%	+0.044 million
Age 12 to 17	17,449,371	69%	14,876,483	59%	+0.005 million
Age 18 to 64	176,767,544	87%	149,901,792	74%	+0.025 million
Age 65 and over	58,259,243	100%	50,424,893	92%	+0.004 million

France	77.7%	80.1%
Spain	85.2%	87.9%
Germany	75.1%	75.8%
Italy	79.0%	84.0%
Australia	80.4%	85.8%
Israel	65.9%	72.1%
Canada	81.5%	85.7%
Japan	79.7%	80.9%
Africa	14.2%	19.7%
India	58.4%	69.5%
Brazil	73.8%	84.1%
China	85.5%	87.9%

Global data differs due to sources, timing



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



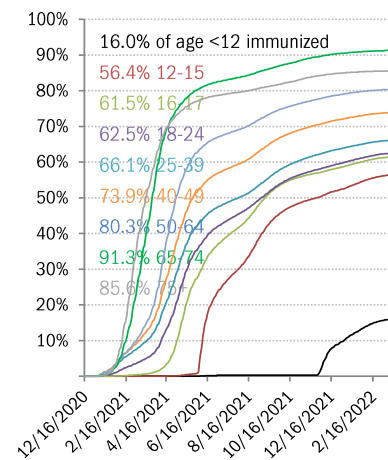
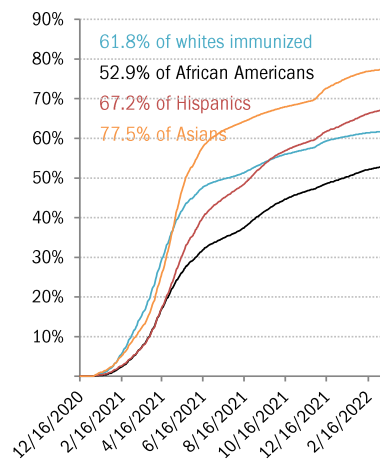
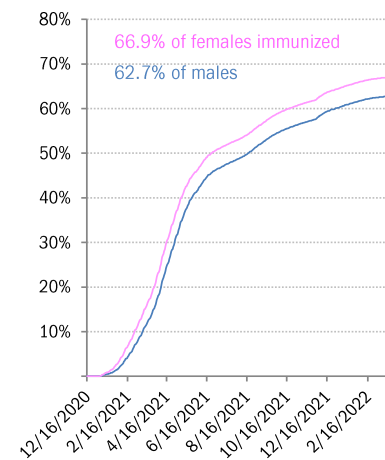
AK
69.0%
61.4%

Immunity = two doses

As of Mar 15

					WI					ME
					71.3%					89.3%
					64.9%					78.6%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
80.0%	60.5%	64.7%	64.6%	74.5%	76.2%	66.4%		89.3%	92.7%	95.0%
71.8%	53.4%	56.2%	54.5%	68.5%	67.9%	59.6%		75.9%	80.4%	69.4%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
77.2%	74.4%	58.2%	75.3%	67.5%	60.9%	63.1%	83.7%	89.4%	95.0%	
69.0%	60.0%	50.8%	60.2%	61.4%	54.3%	57.9%	67.3%	74.6%	78.0%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.2%	71.5%	78.6%	69.6%	65.6%	65.6%	64.4%	84.8%	85.3%	94.3%	95.0%
70.8%	63.6%	69.5%	62.8%	55.4%	56.8%	57.0%	72.3%	74.4%	78.1%	81.2%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	71.9%	86.4%	73.8%	66.0%	61.6%	82.8%	66.9%	95.0%	82.1%	
	60.5%	70.0%	60.6%	53.8%	53.8%	59.7%	56.3%	72.0%	68.0%	
			OK	LA	MS	AL	GA			
			70.3%	60.5%	59.0%	62.1%	64.7%			
			56.3%	52.9%	51.2%	50.5%	54.0%			
			TX					FL		PR
			71.6%					78.4%		95.0%
			60.5%					66.2%		81.9%

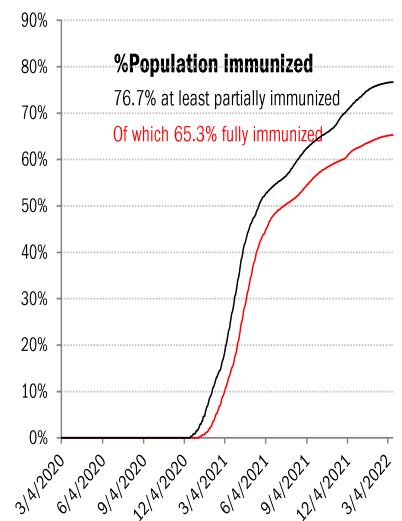
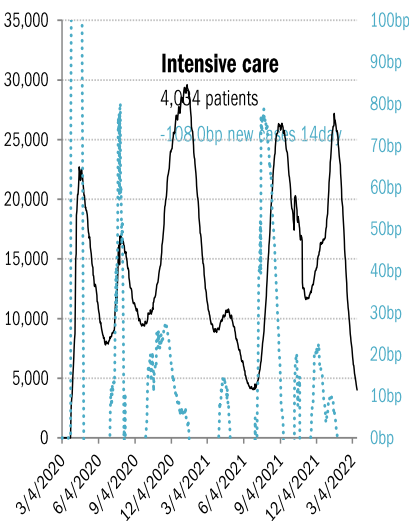
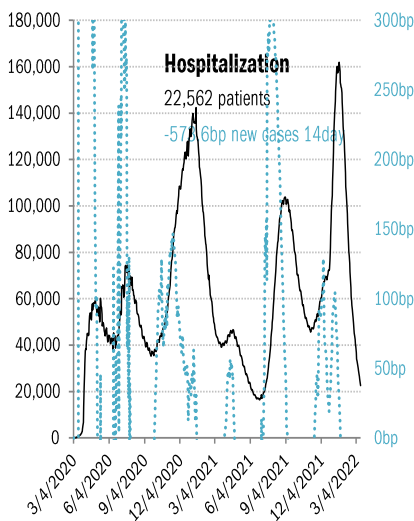
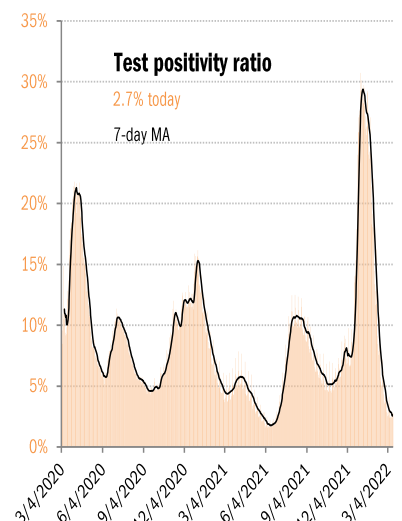
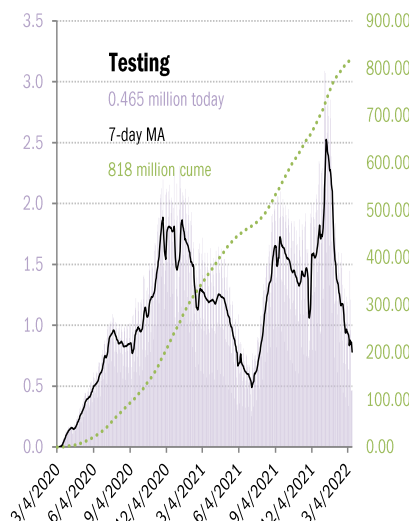
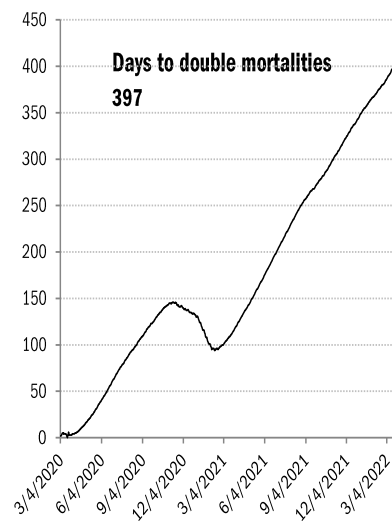
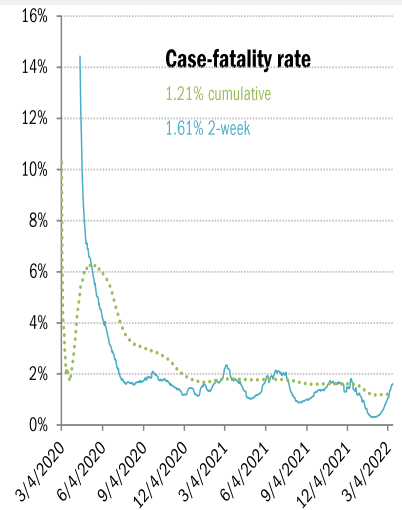
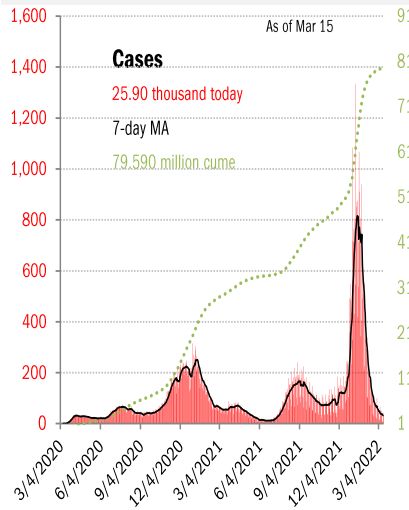
The demographics of US vaccination



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

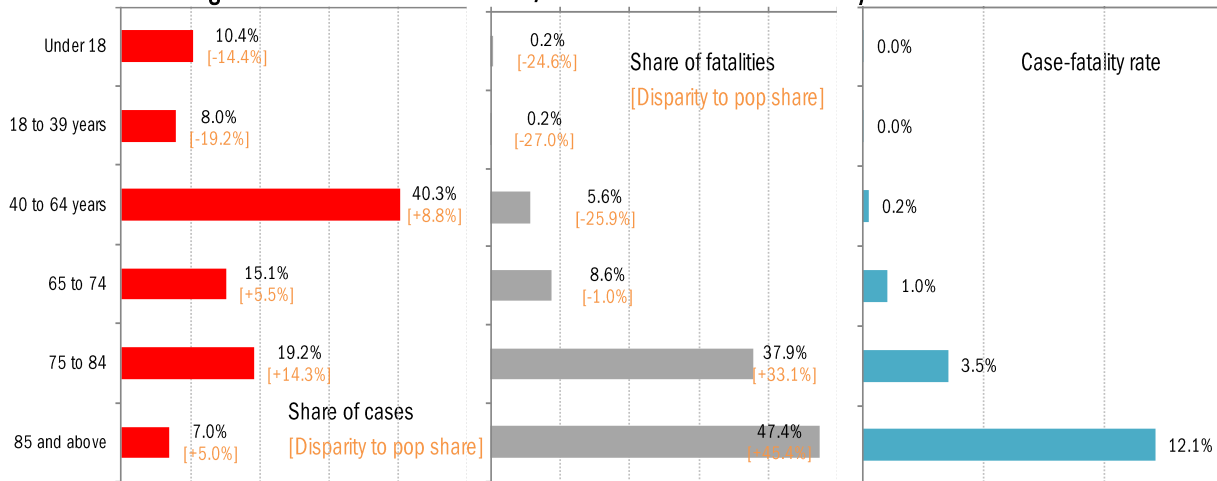
US deep-dive

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

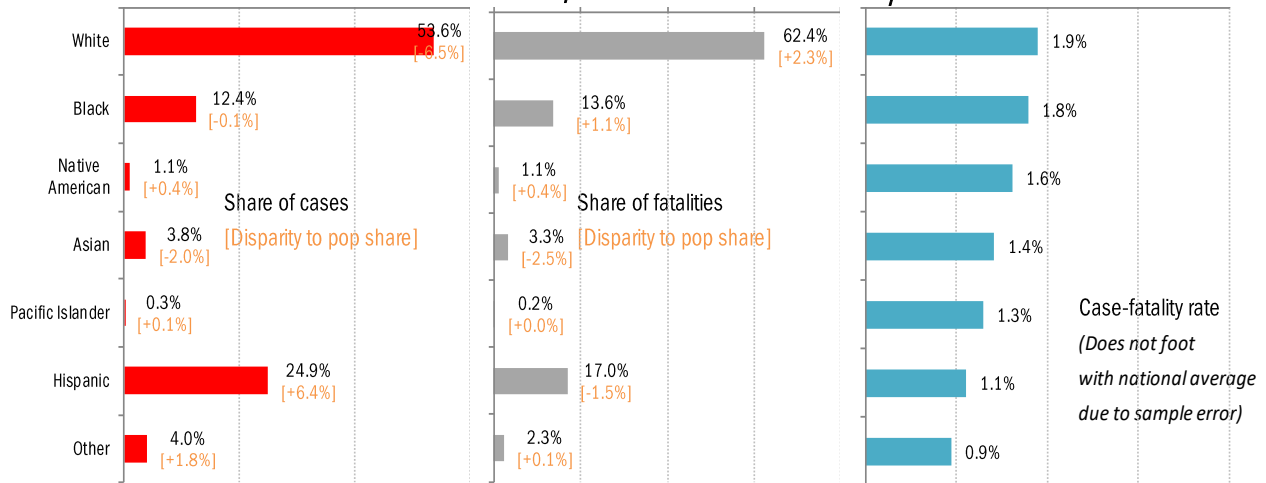


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

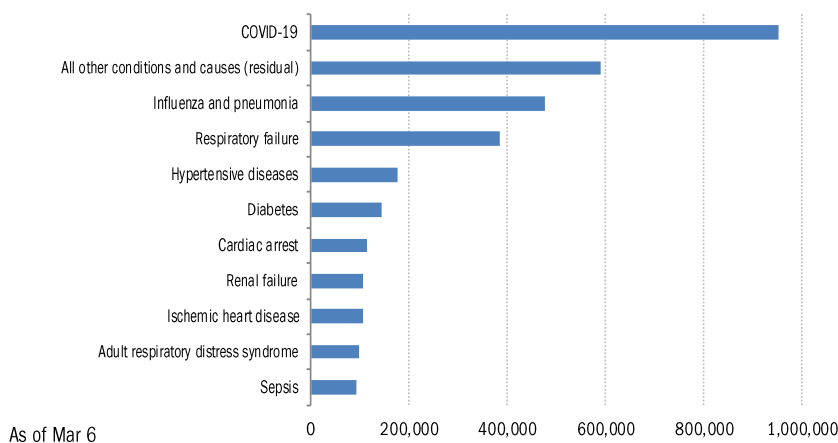


Racial distribution of US cases, fatalities and case-fatality rates



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

[Analyses of CDC Data Show Massive Spike in Excess Mortality in Millennials After Vaccine Mandates](#)

Debra Heine
American Greatness
March 14, 2022

[Would the Russian invasion of Ukraine be justified if it were for biodefense?](#)

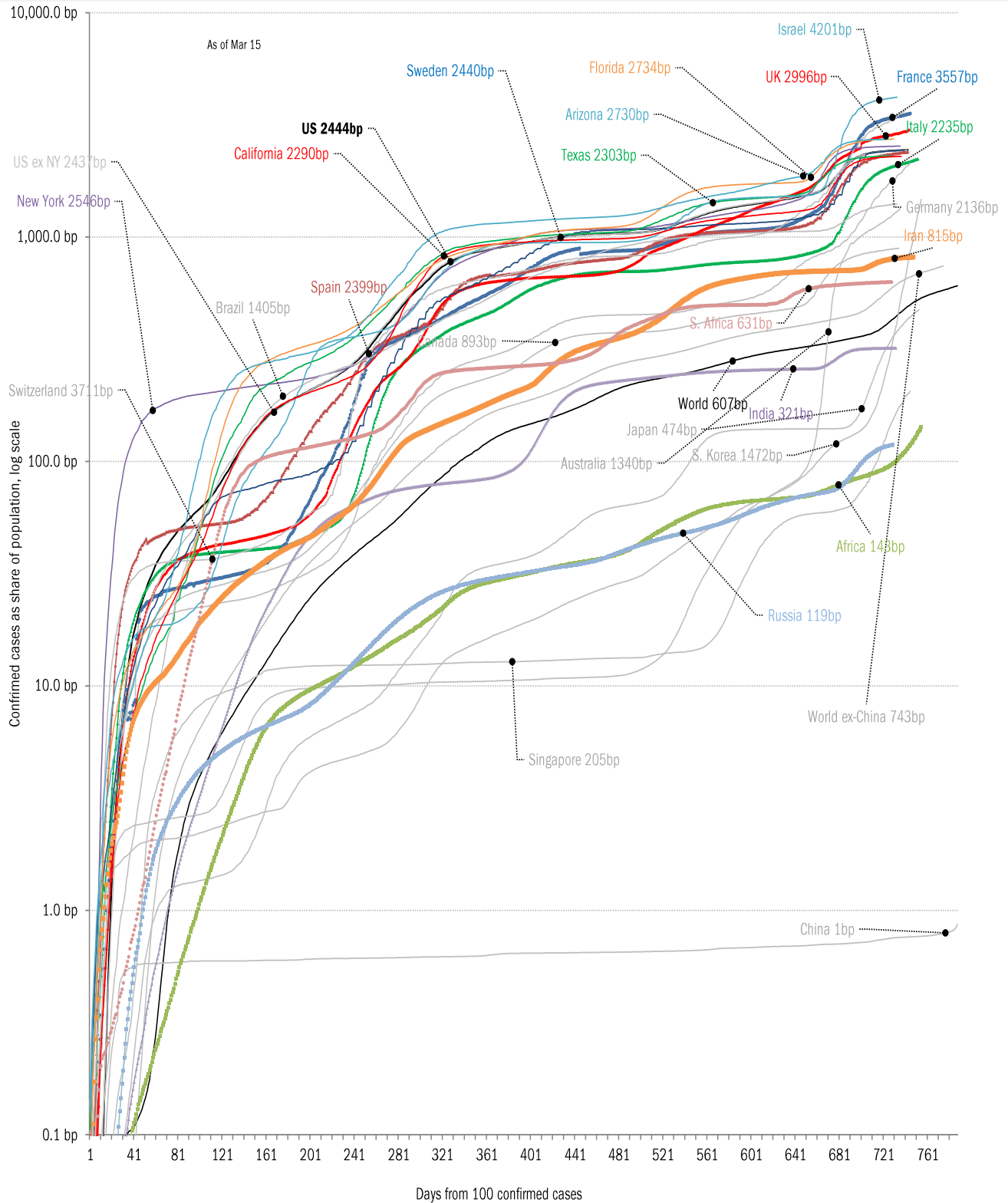
Robert Malone
All Along the Watchtower
March 9, 2022

Meme of the day



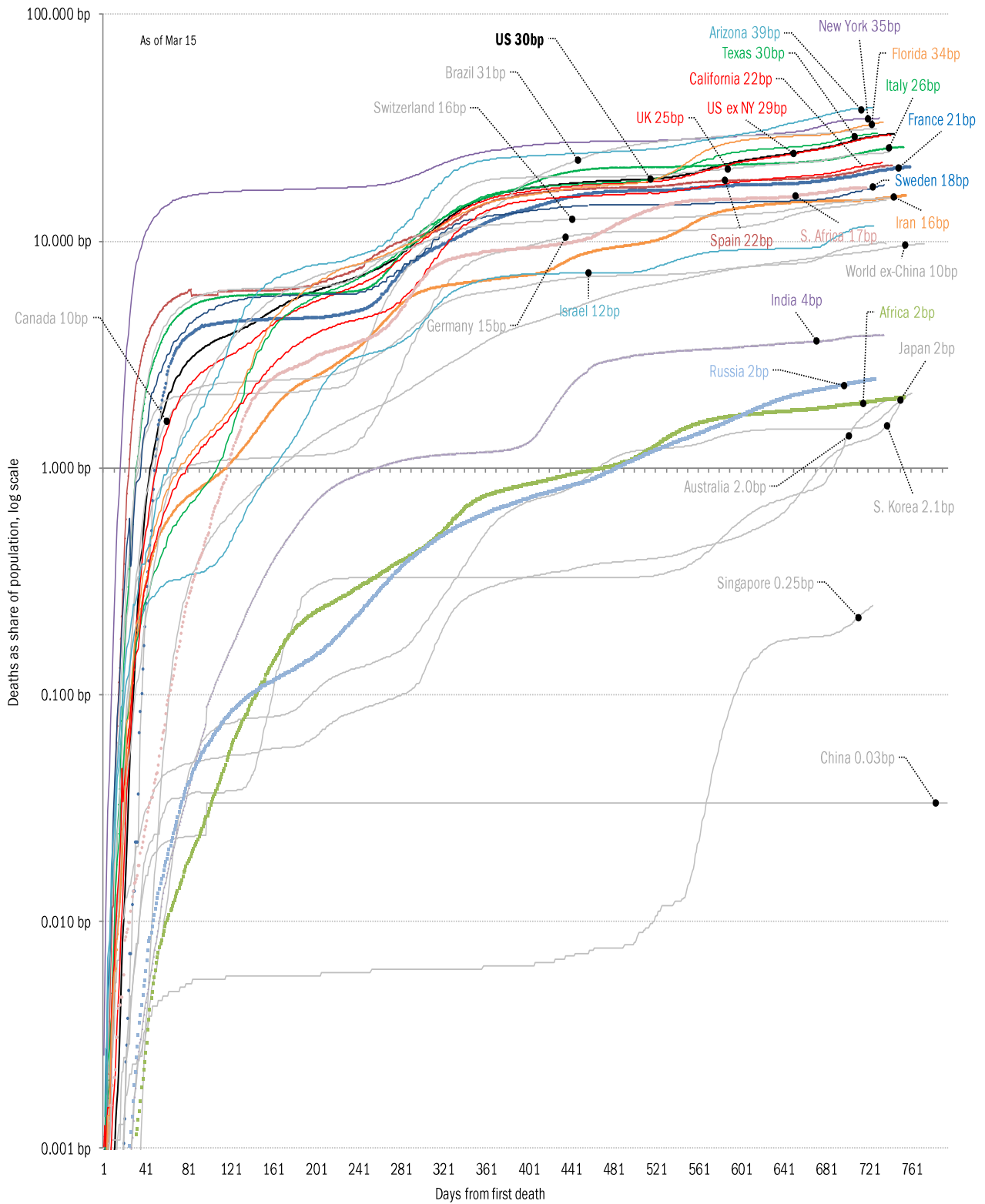
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

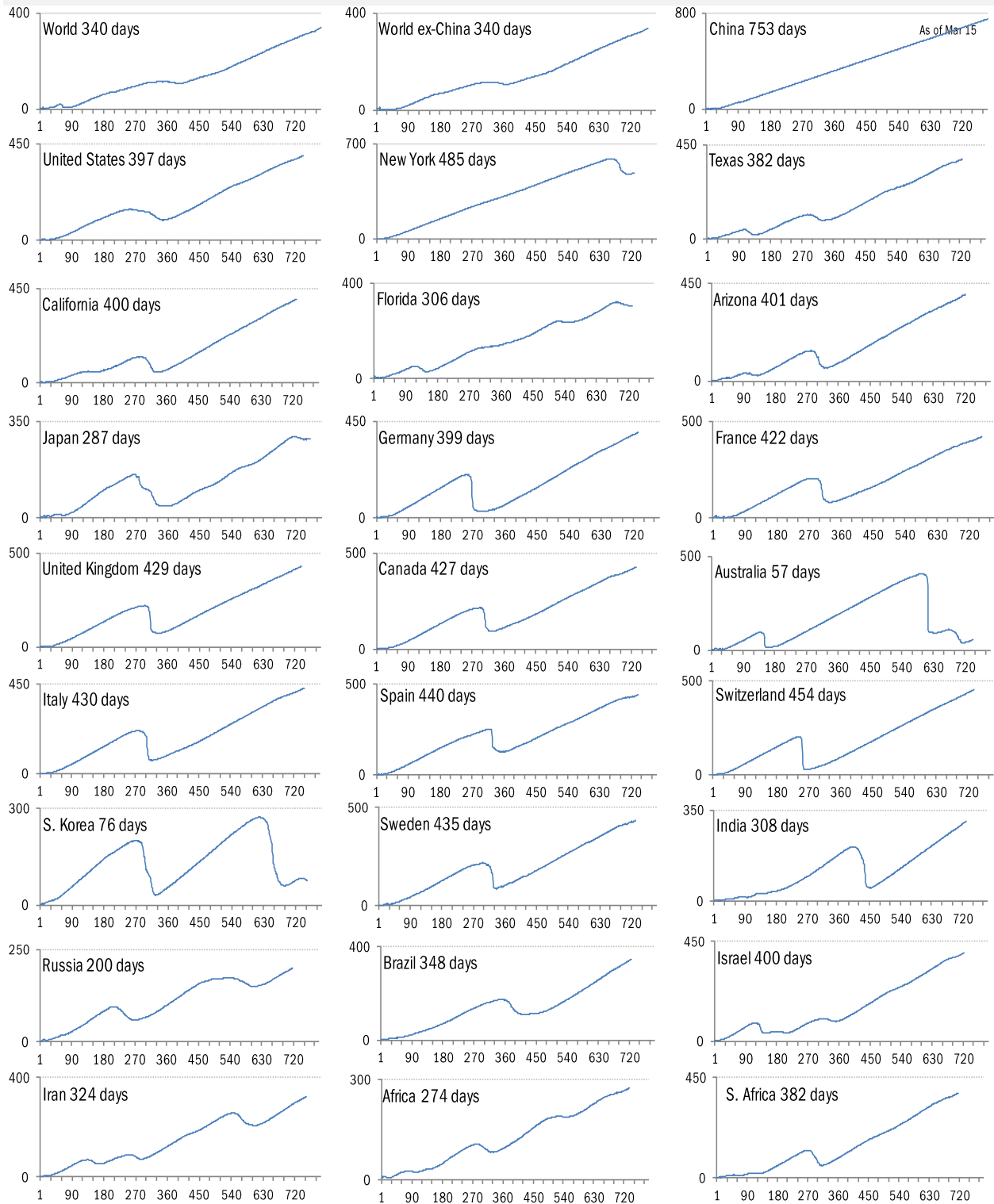


Source: [Johns Hopkins](#), TrendMacro calculations

"Exponential"? Our most reliable evidence of the rate of spread of Covid-19

Vertical: days to double deaths Horizontal: days from first death

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread

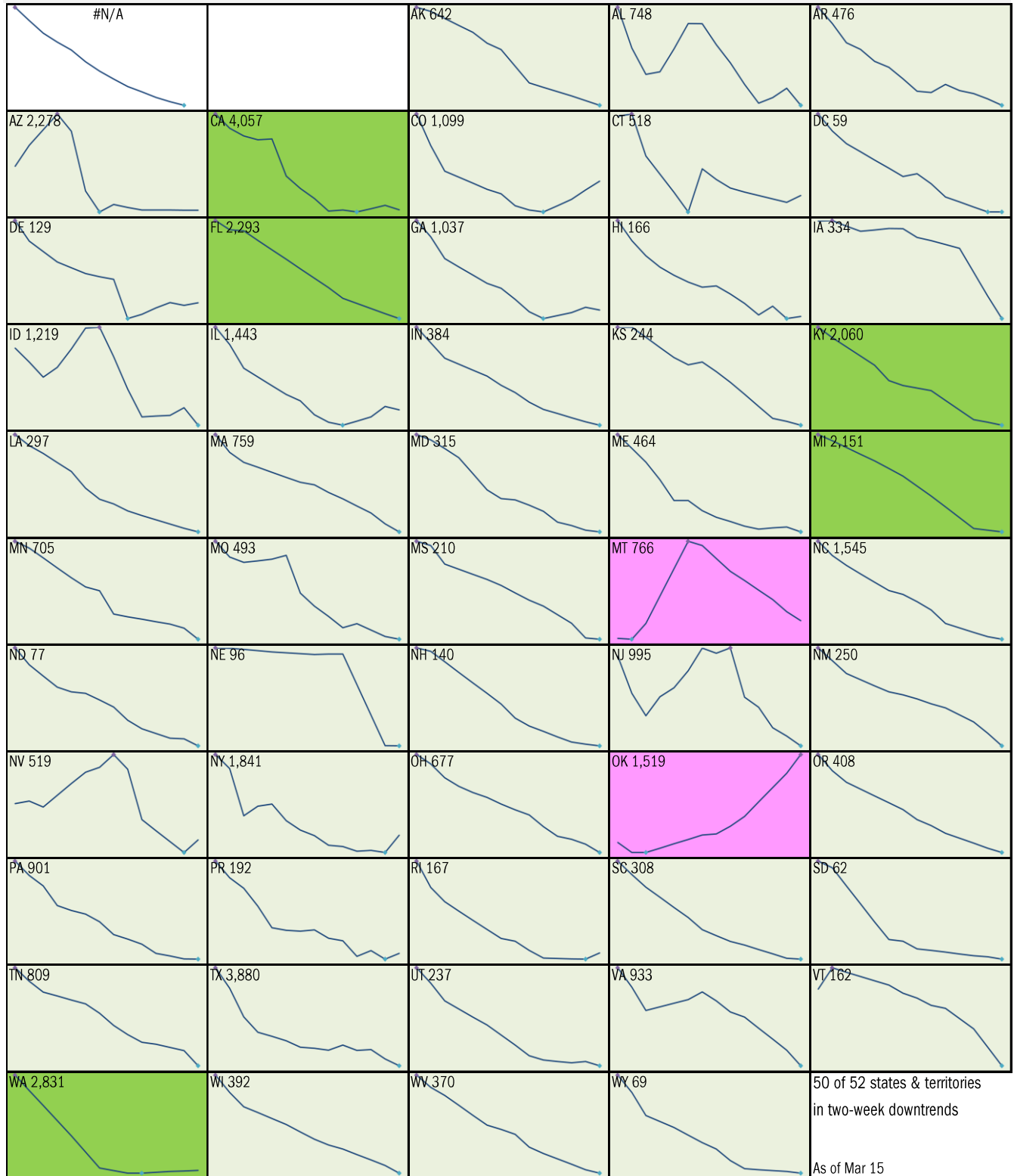


Source: [Johns Hopkins](#), TrendMacro calculations

14-day "downward 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

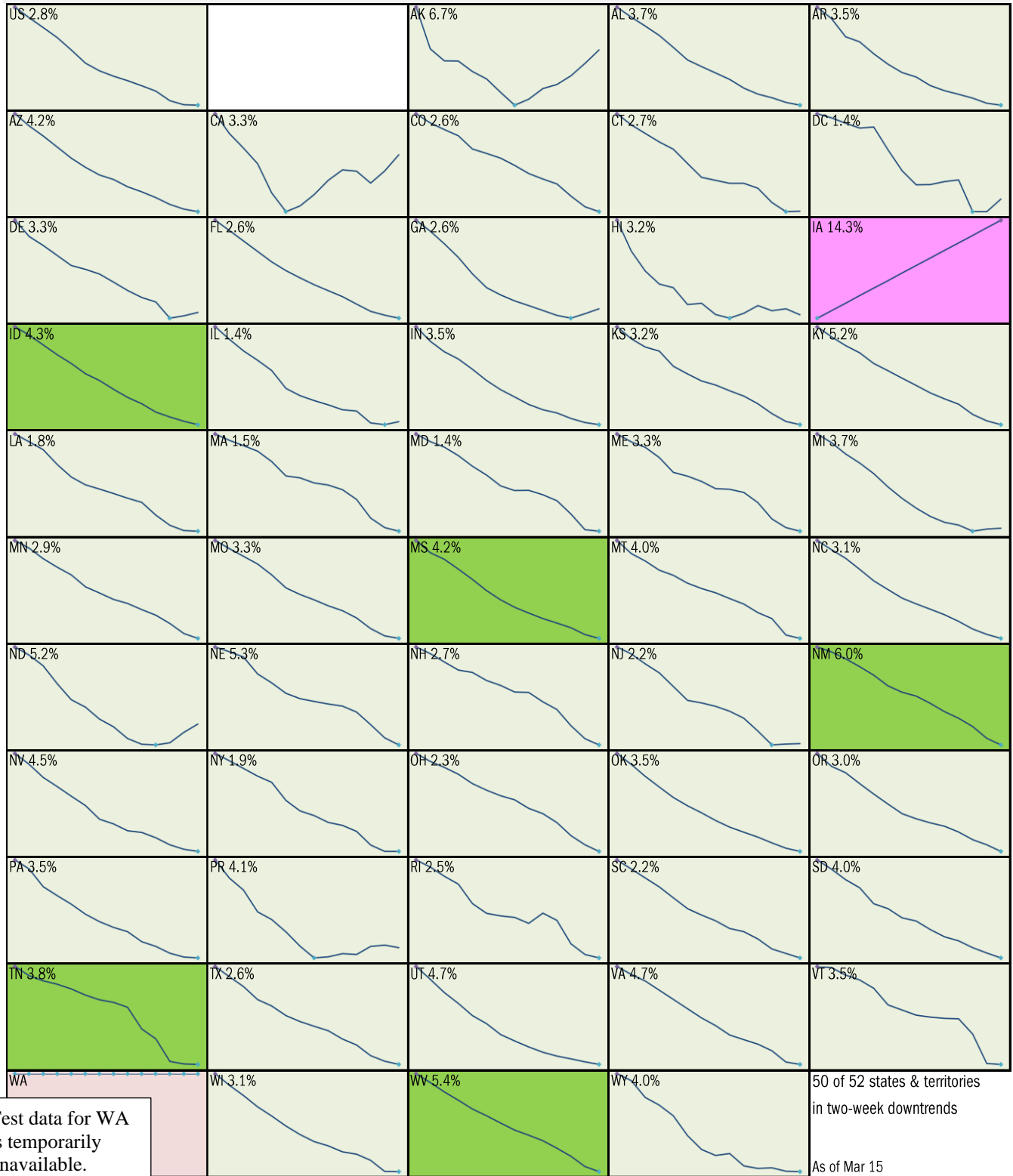


Source: [Johns Hopkins](#), TrendMacro calculations

14-day "downward 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

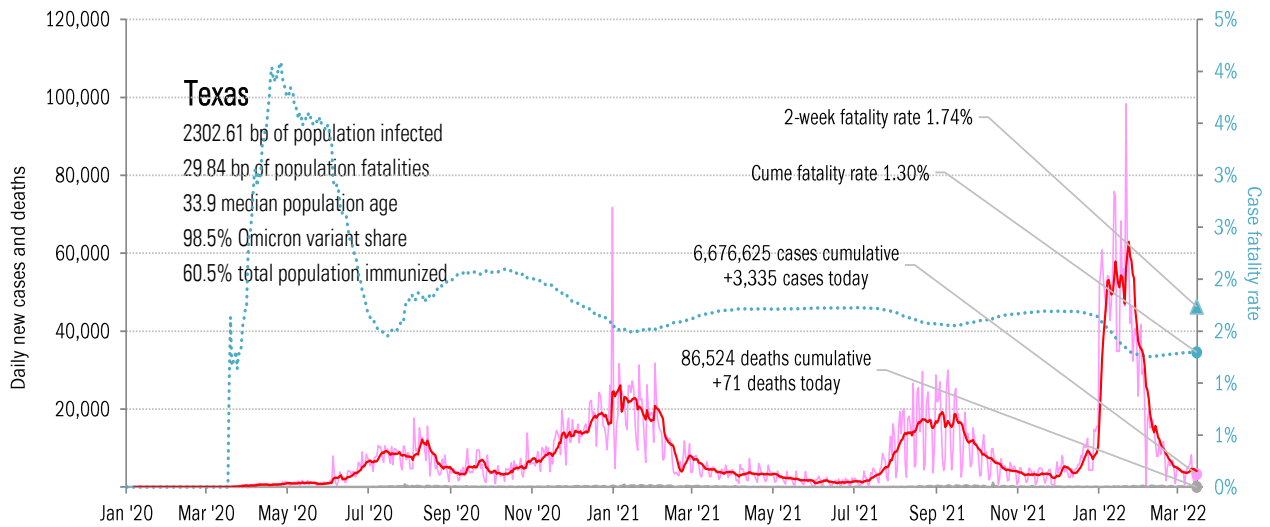
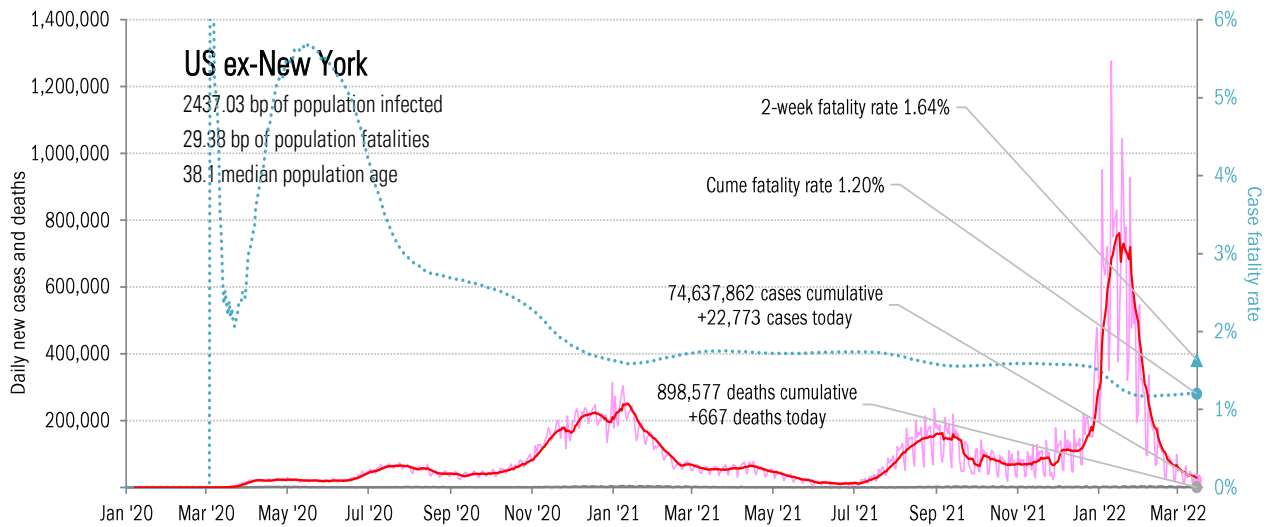
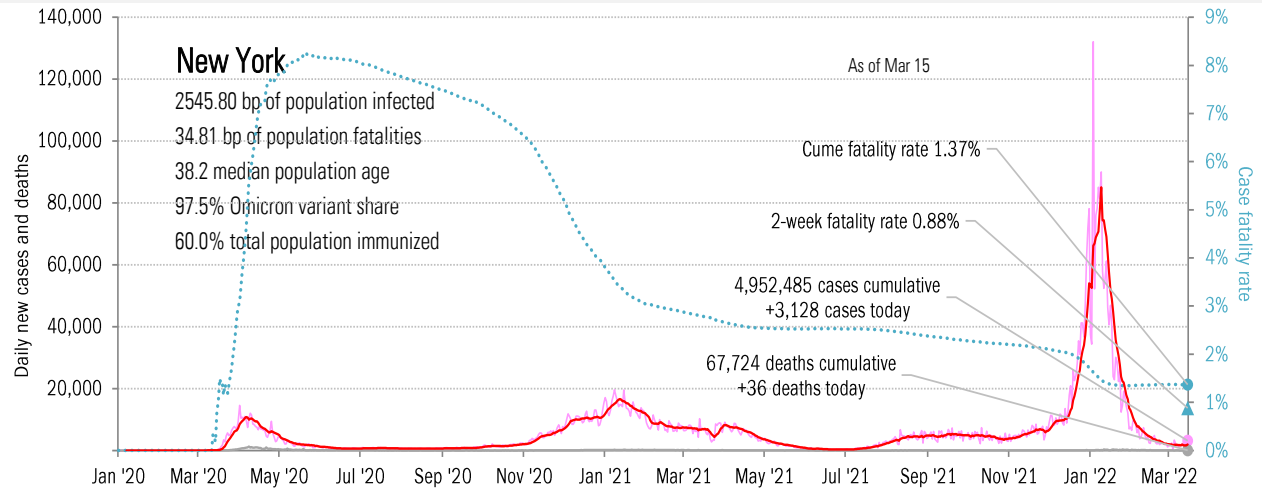


50 of 52 states & territories in two-week downtrends
As of Mar 15

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

From Ground Zero to the Rio Grande

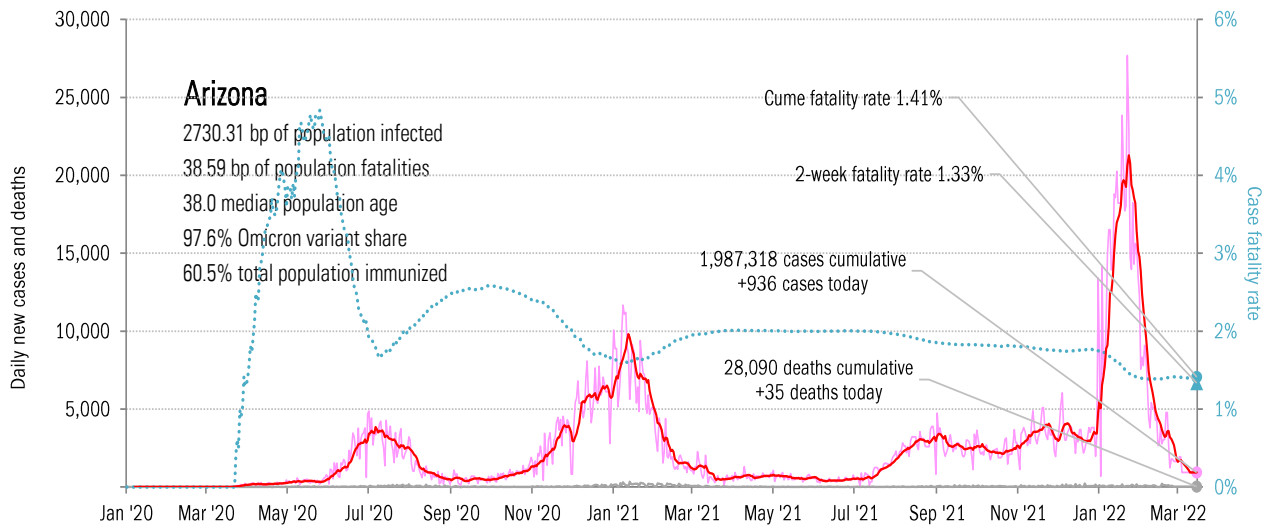
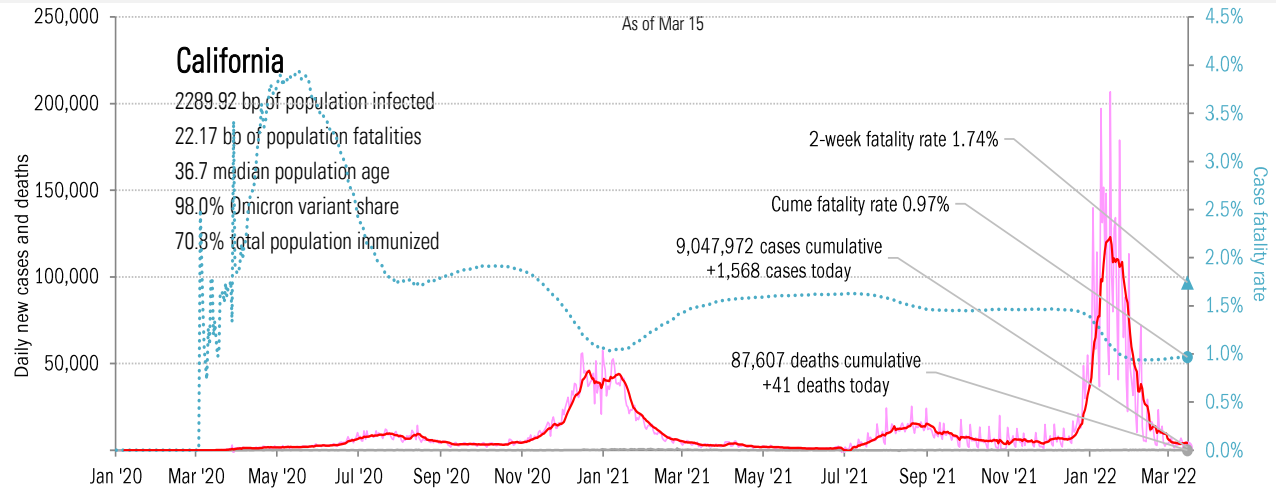
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

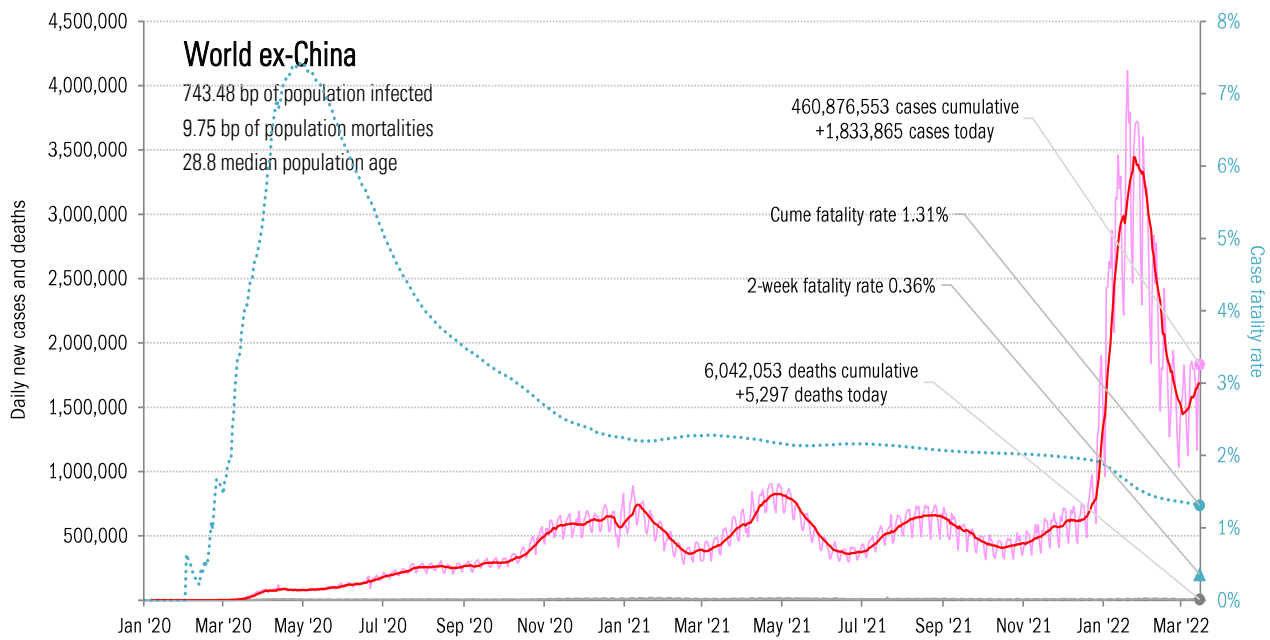
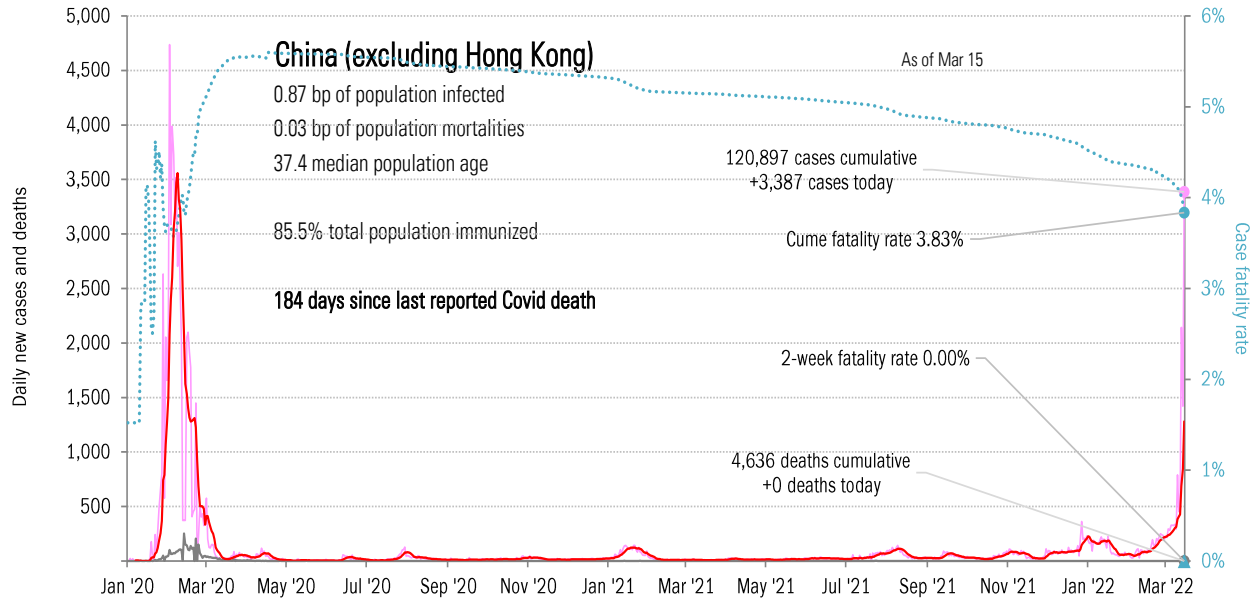
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

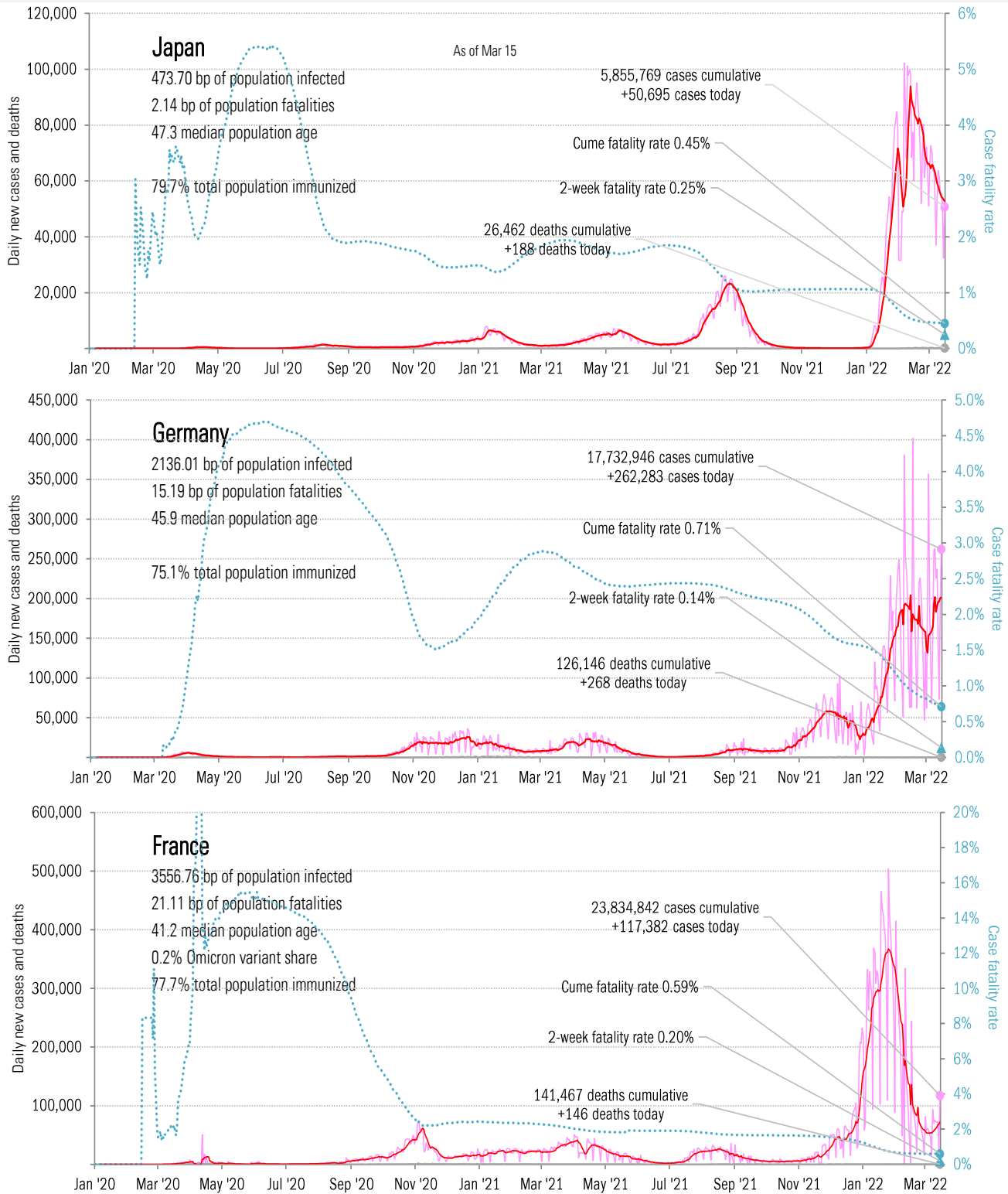
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

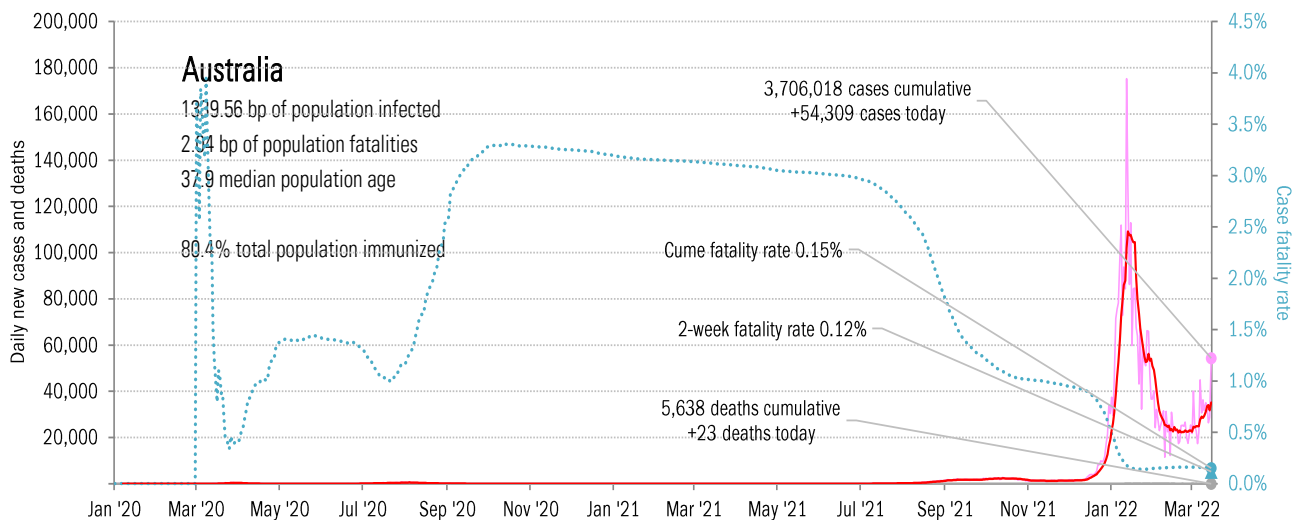
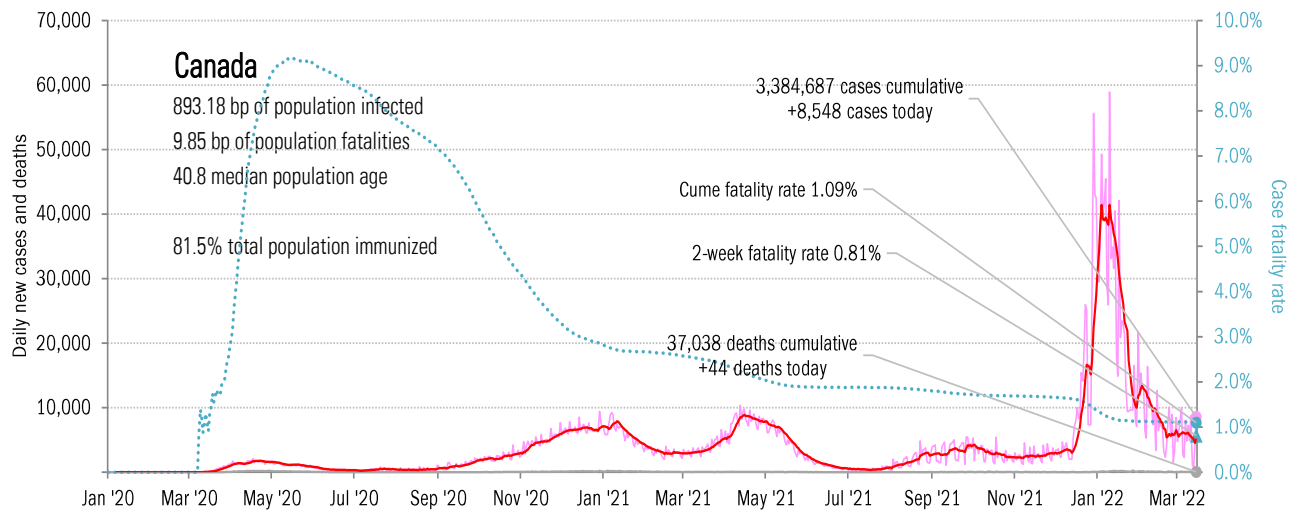
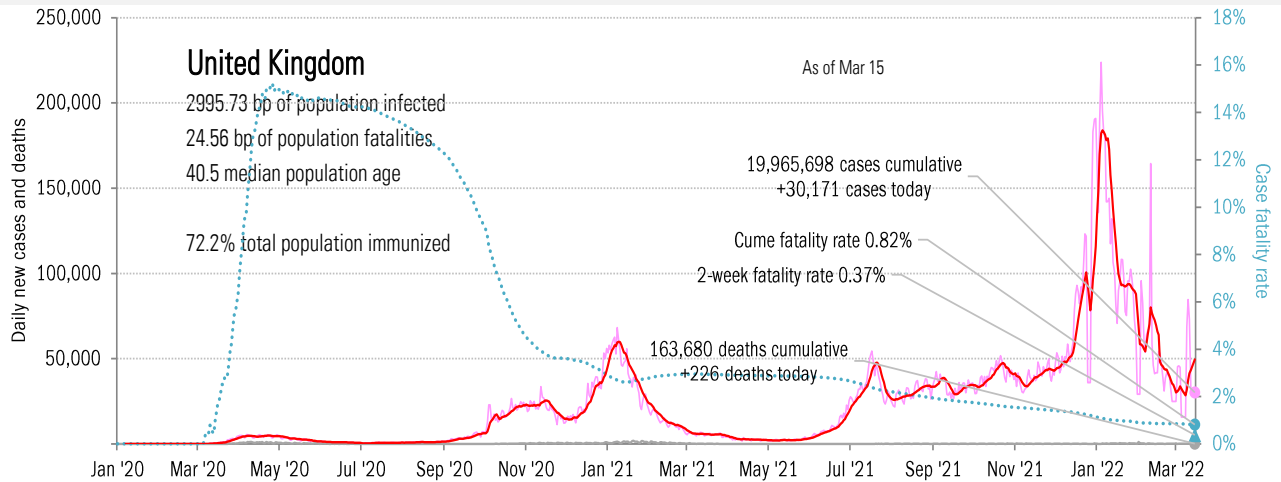
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

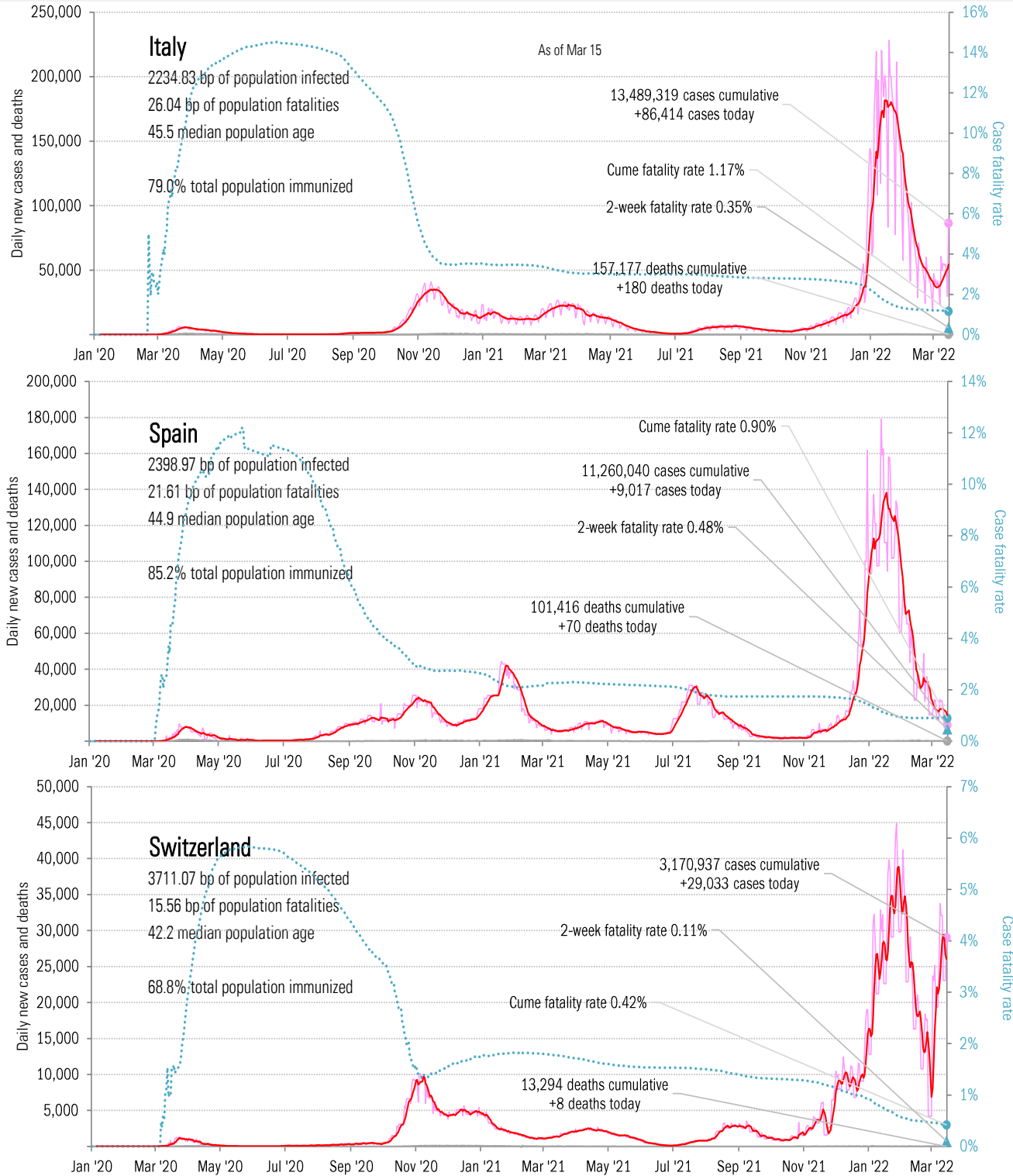
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

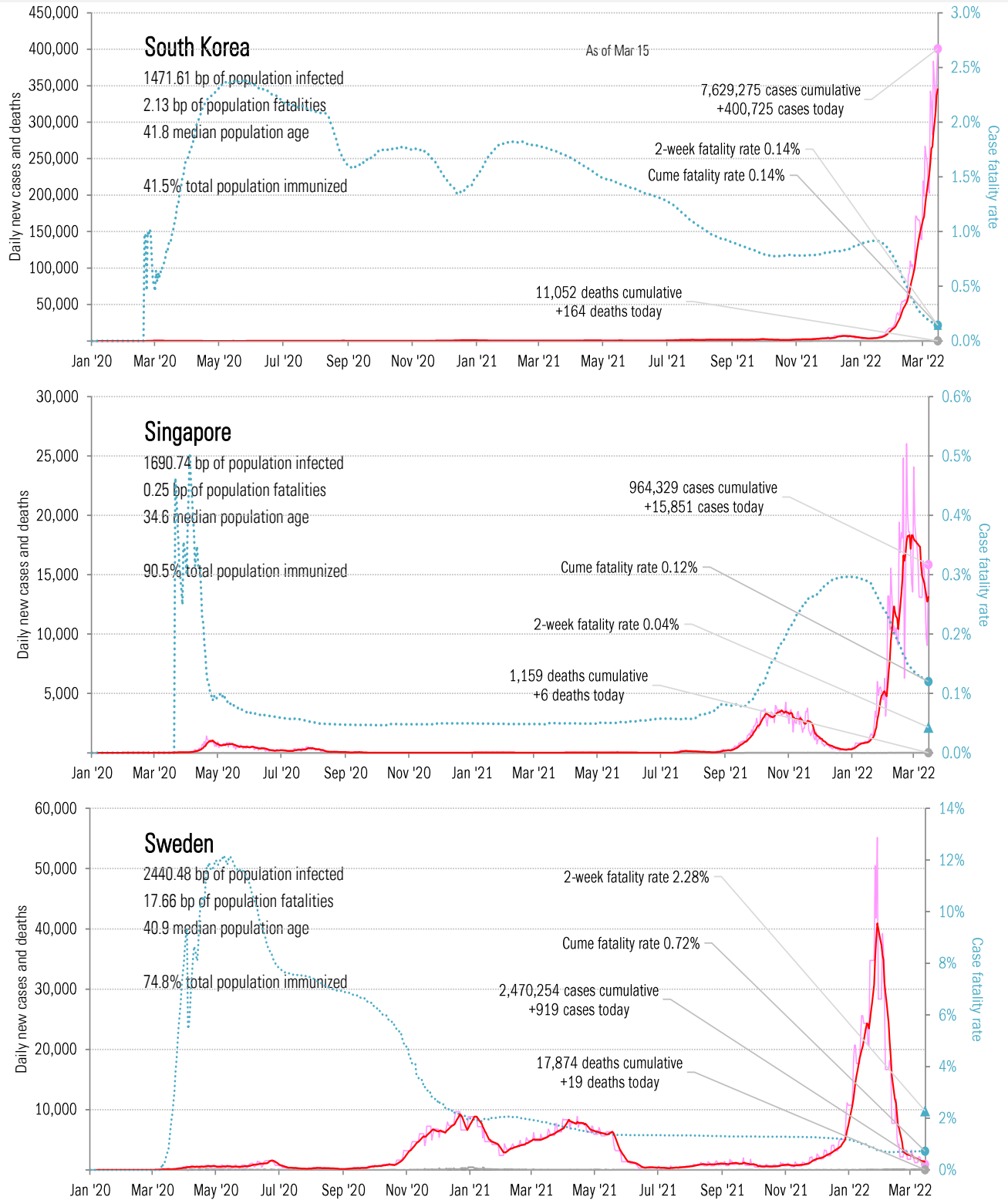
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

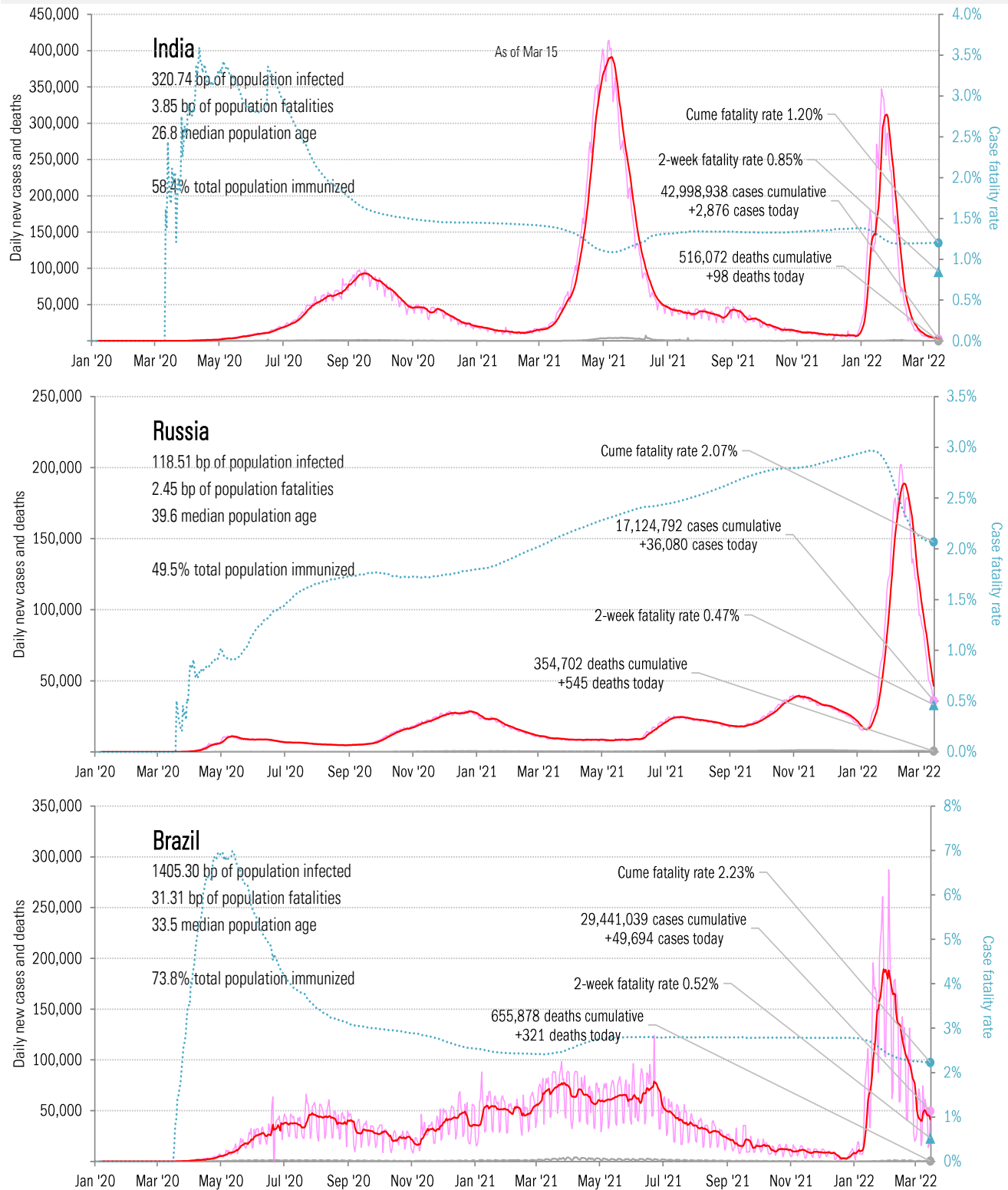
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

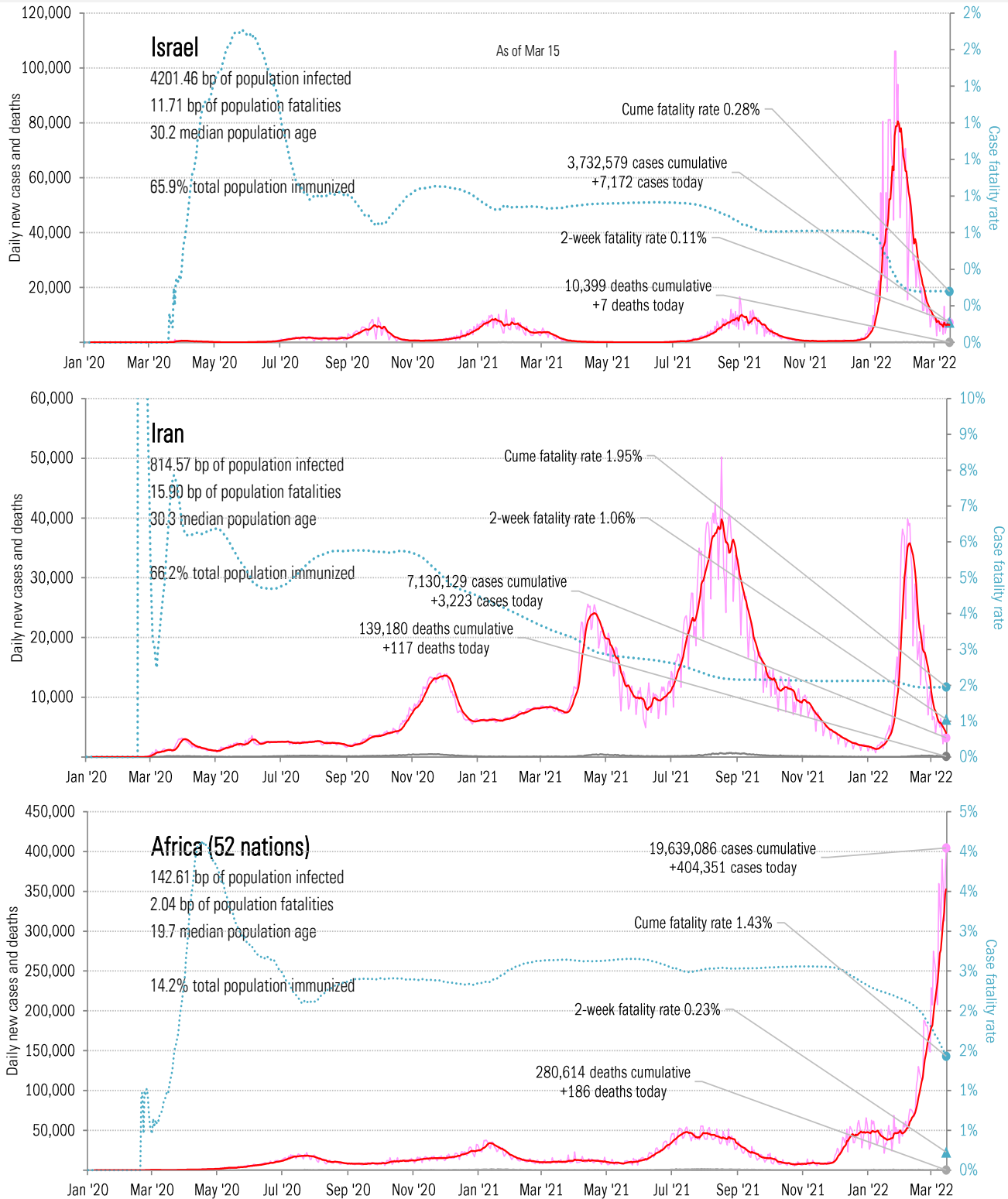
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

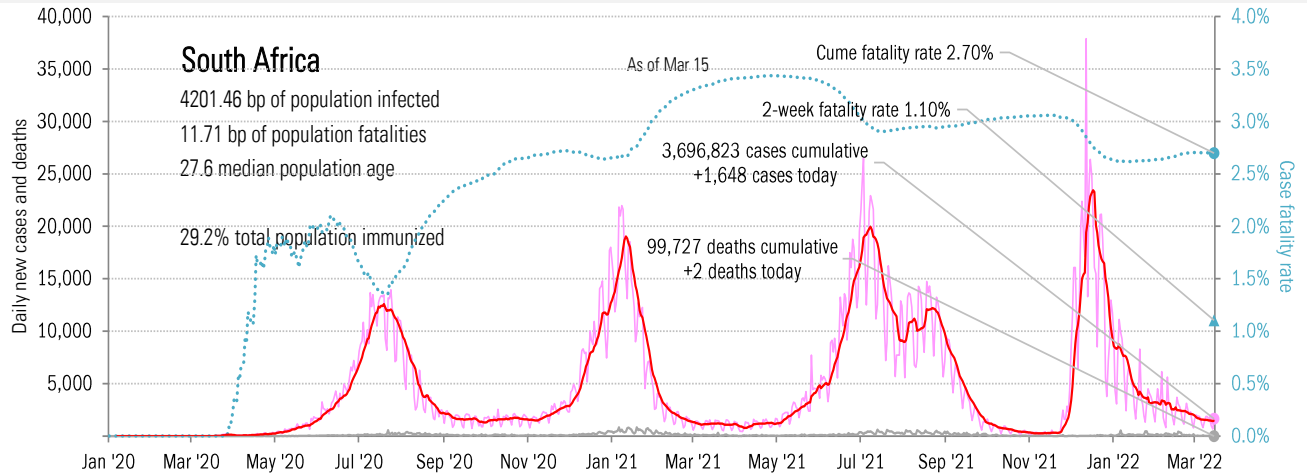
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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