

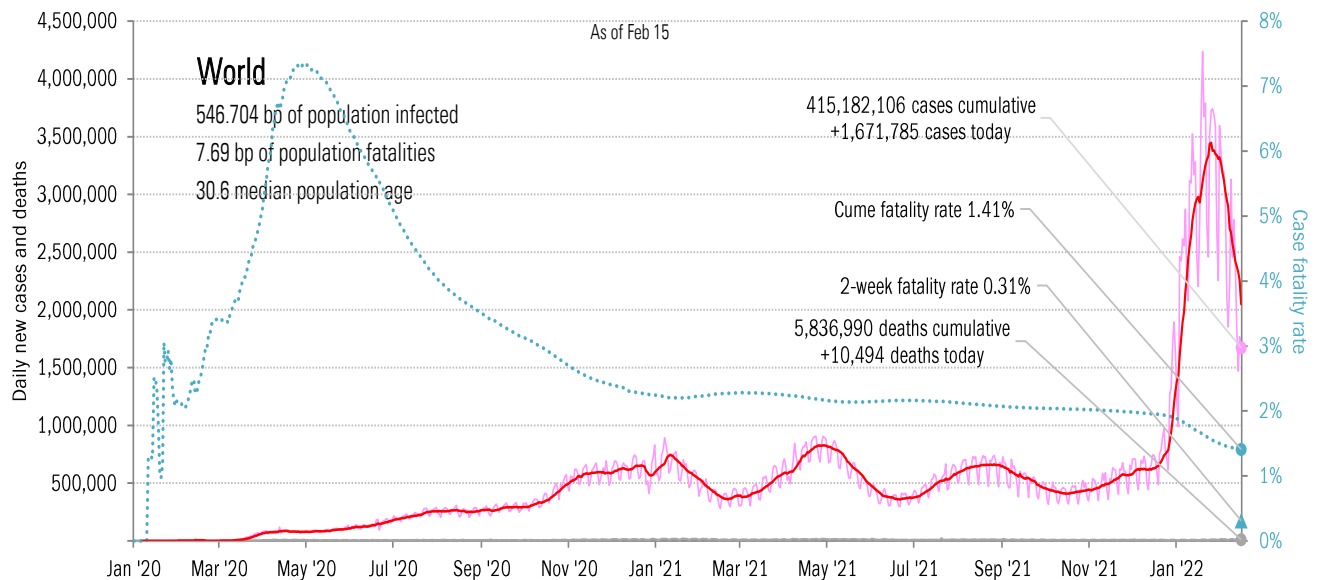
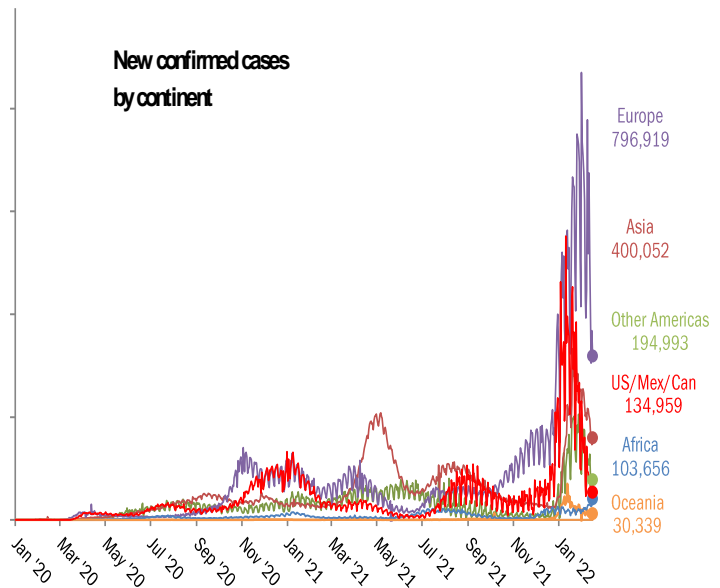
Data Insights: Covid-2019 Monitor

Wednesday, February 16, 2022

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Russia	165,139	United States	2,801
Brazil	125,201	Brazil	925
United States	121,320	Russia	692
Turkey	94,730	India	514
Korea, South	90,430	Italy	388
Japan	84,158	Poland	378
Italy	71,023	Ukraine	317
Germany	63,210	Spain	310
Netherlands	53,624	Turkey	309
Czechia	47,849	Argentina	236
916,684		6,870	
World	1,671,785	World	10,494
Top ten	55%	Top ten	65%



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

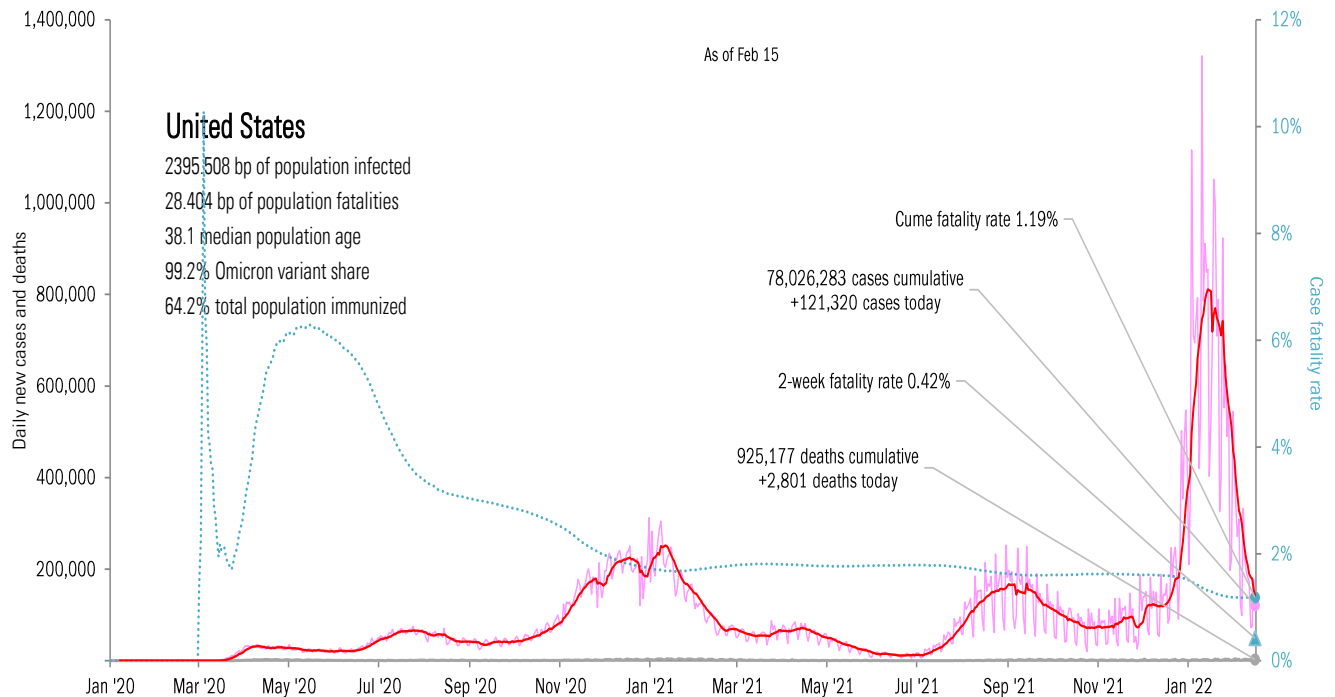
The ten worst US states

New cases			New Deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use									
TX	11,747		MO	270		NY	253		CA	8,849,745		CA	83,077		TX	473,535		WA	85%	TX	90%								
ME	10,968		TX	246		HI	8		TX	6,537,378		TX	82,606		CA	407,476		RI	84%	AL	90%								
FL	10,867		FL	207		AS	0		FL	5,766,264		FL	67,653		FL	402,865		MA	84%	MS	88%								
KS	8,939		PA	177		GJ	0		NY	4,890,903		NY	66,689		NY	239,082		GA	83%	AR	86%								
TN	8,694		CA	145		MP	0		IL	3,004,664		PA	42,424		GA	198,419		WV	83%	VT	86%								
MN	6,433		NY	135		VI	-1		PA	2,729,277		CH	35,372		CH	185,670		PA	81%	NM	86%								
CA	5,532		KS	132		VT	-2		CH	2,635,769		IL	34,505		PA	170,718		MN	81%	KY	86%								
KY	4,024		MA	118		AK	-3		NC	2,543,260		GA	34,335		IL	152,259		MO	81%	CK	85%								
VA	2,993		GA	117		DC	-3		GA	2,443,410		MI	33,518		KY	136,561		NH	80%	ID	84%								
IL	2,893		AL	85		DE	-3		MI	2,331,102		NJ	32,483		MI	136,430		HI	80%	GA	84%								
73,090			1,632			249			41,731,772			512,662			2,503,015														
All states			121,320			2,801			-4,427			All states			78,026,283			925,177			4,535,683			All states		70%		67%	
Top ten			60%			58%			-6%			Top ten			53%			56%			55%			Median		76%		77%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NC	-11,750	CA	-229	KS	-103	AZ	+10 bp
IL	-11,376	CK	-186	CA	-100	CT	+10 bp
SC	-10,302	IL	-171	AZ	-83	FL	+10 bp
CA	-6,958	VA	-133	TX	-82	ID	+10 bp
MI	-6,248	SC	-103	CH	-67	IL	+10 bp



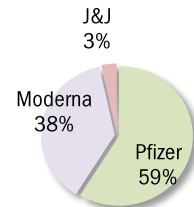
Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	561,661,533		+0.503 million	US	64.2%	76.0%
Boosters	93,198,047		+0.219 million	UK	71.5%	77.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	259,848,136	78%	220,192,911	66%	+0.141 million	France 77.1% 80.0%
Age 12 to 17	17,182,823	68%	14,579,912	58%	+0.016 million	Spain 82.1% 87.7%
Age 18 to 64	175,240,495	86%	148,347,321	73%	+0.072 million	Germany 74.2% 75.4%
Age 65 and over	58,108,538	100%	50,231,548	92%	+0.007 million	Italy 77.8% 83.7%

Israel	65.8%	72.1%
Canada	80.4%	85.3%
Japan	79.3%	80.6%
Africa	11.5%	16.8%
India	54.2%	68.8%
Brazil	71.3%	81.5%
China	85.1%	89.7%

Global data differs due to sources, timing



State
AK
68.3%
60.0%

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

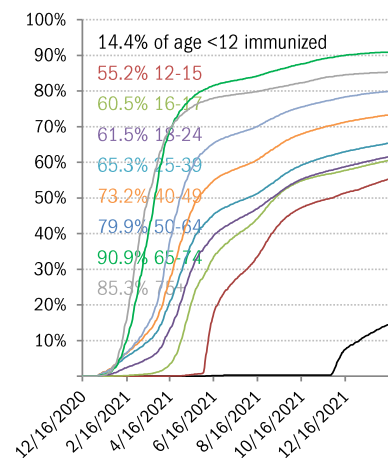
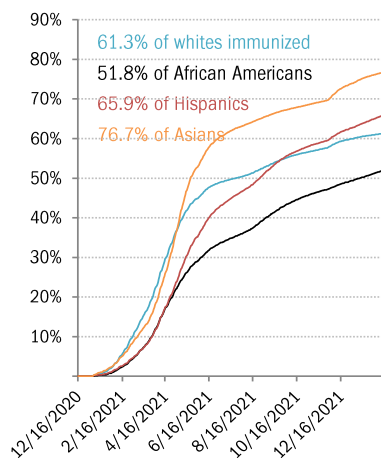
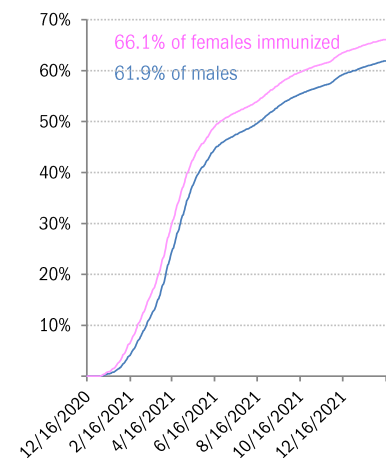
Best
Middle
Worst

Immunity = two doses

As of Feb 15

					WI						ME
					70.8%						89.0%
					64.2%						78.1%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH	
79.4%	60.0%	64.2%	64.3%	74.1%	75.7%	65.7%		88.4%	92.6%	95.0%	
70.6%	52.7%	55.6%	54.2%	67.7%	66.9%	58.8%		75.0%	79.9%	69.4%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA		
76.7%	73.6%	57.7%	74.5%	67.0%	60.4%	62.6%	82.9%	88.4%	95.0%		
68.3%	59.2%	50.3%	59.5%	60.8%	53.7%	57.3%	66.6%	73.8%	77.2%		
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI	
81.3%	71.0%	78.0%	69.1%	65.1%	65.0%	64.0%	84.1%	84.4%	93.5%	95.0%	
69.8%	63.0%	68.8%	62.1%	54.8%	56.1%	56.6%	71.5%	73.5%	77.4%	80.1%	
	AZ	NM	KS	AR	TN	NC	SC	DC	DE		
	71.0%	85.4%	73.0%	65.4%	61.0%	81.8%	66.1%	94.4%	81.2%		
	59.6%	69.1%	59.7%	53.2%	53.2%	59.0%	55.4%	70.9%	66.9%		
			OK	LA	MS	AL	GA				
			69.7%	59.9%	58.5%	61.6%	64.1%				
			55.7%	52.3%	50.6%	49.9%	53.4%				
HI			TX					FL		PR	
85.8%			70.4%					77.7%		94.5%	
76.7%			59.6%					65.6%		80.6%	

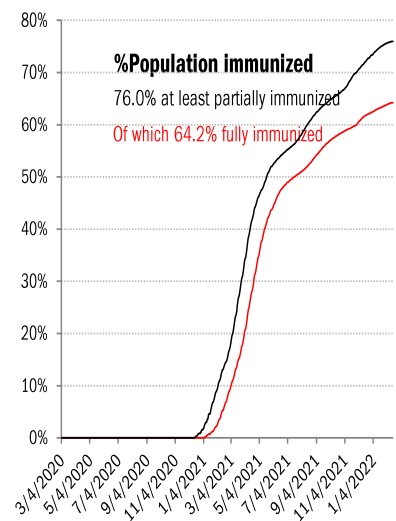
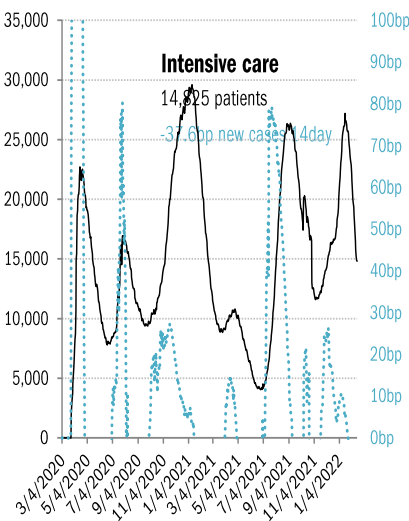
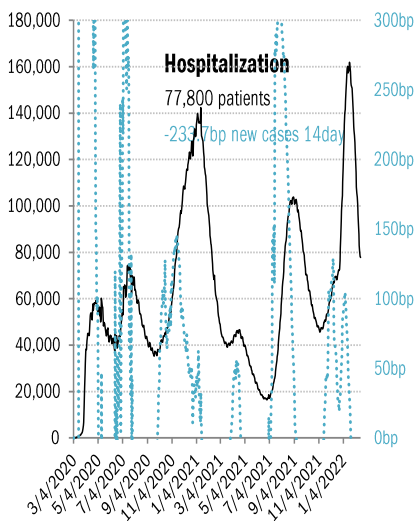
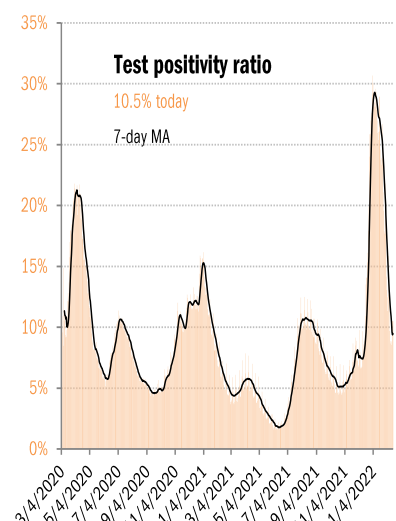
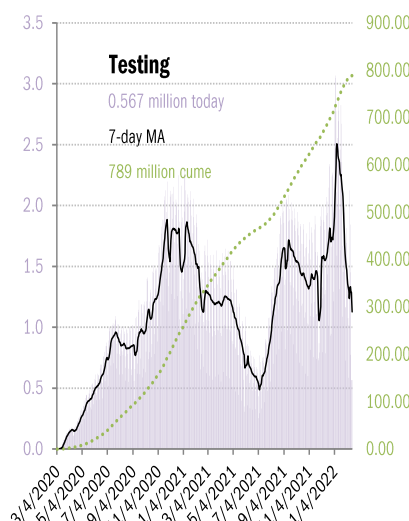
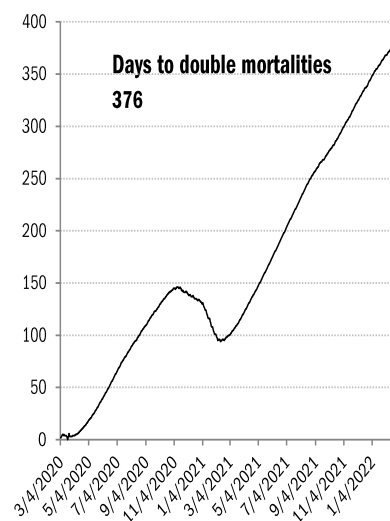
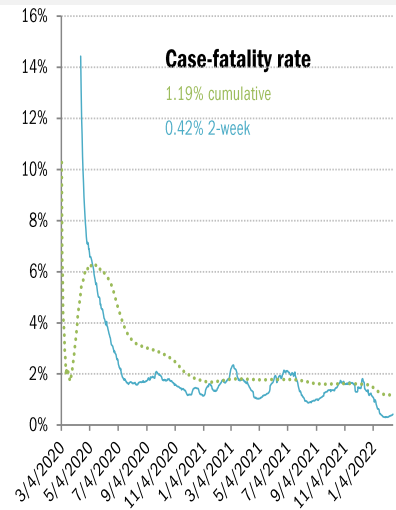
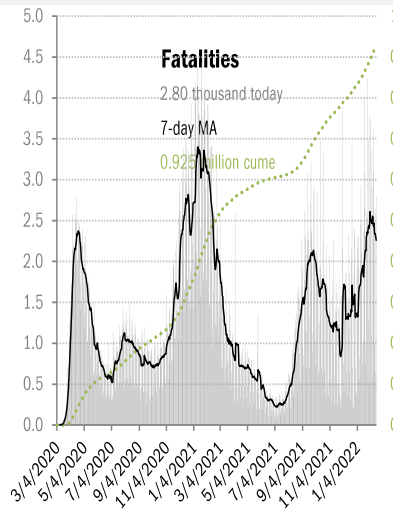
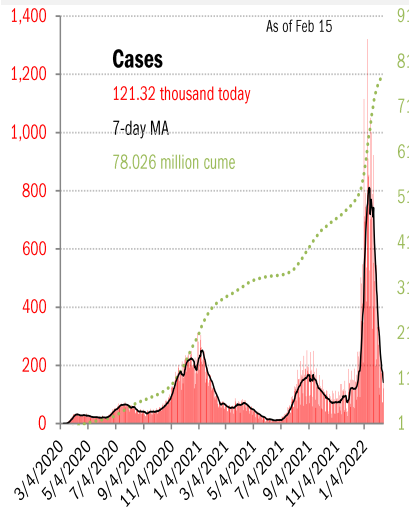
The demographics of US vaccination



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

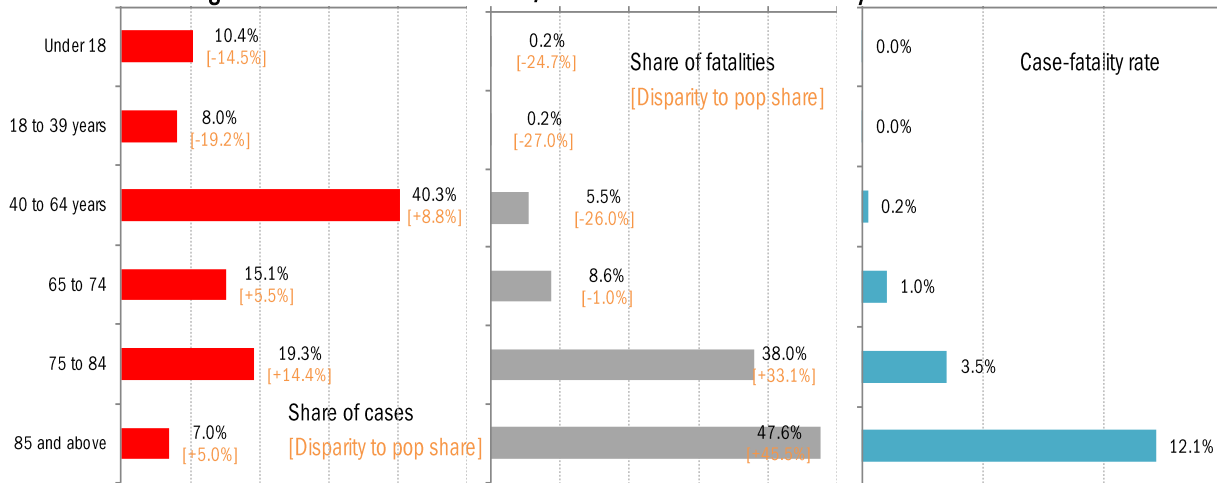
US deep-dive

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

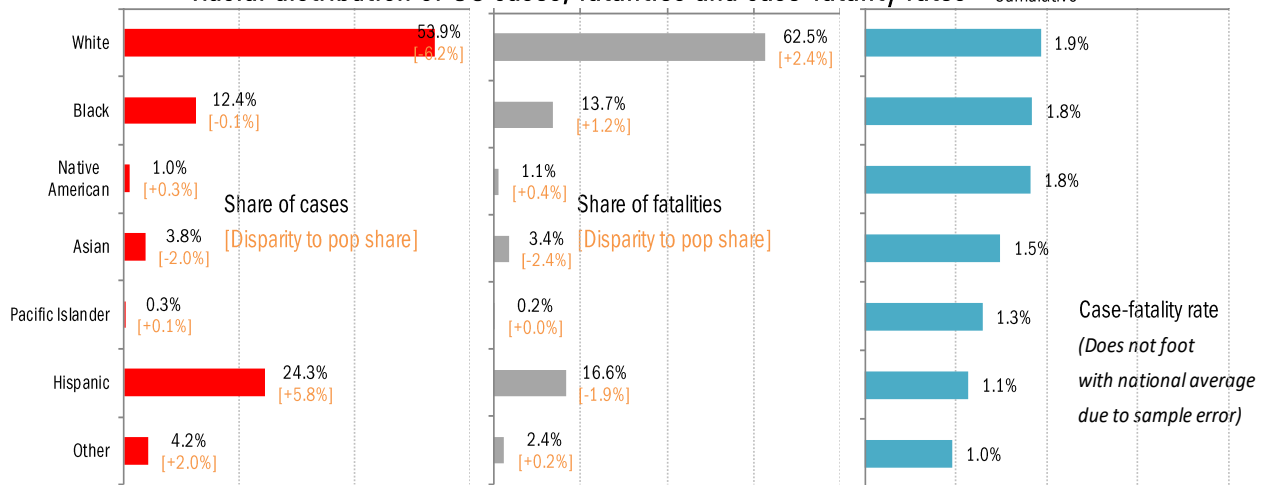


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

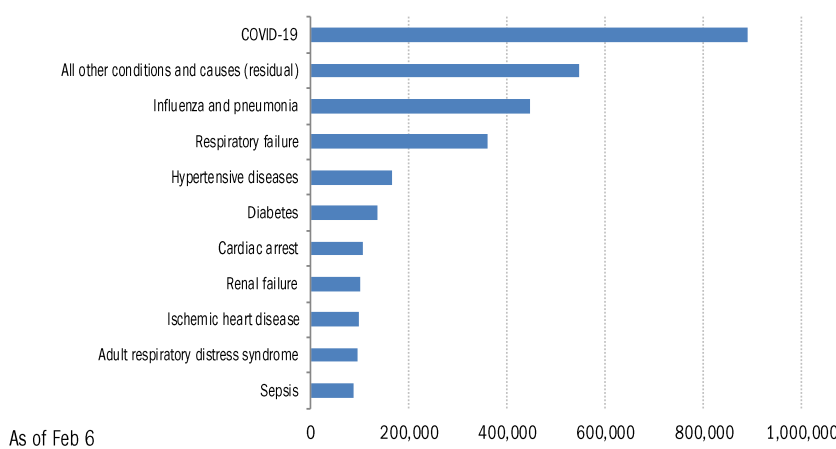


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



The CDC website now omits the following text, which had been included every day for over a year:

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.

Recommended reading

[Behind the Fractious Collaboration Steering the Canada Protests](#)

Sarah Maslin Nir and Natalie Kitroeff
New York Times
February 15, 2022

[Will The 'Mask Rebellion' Fuel a Republican Landslide?](#)

James Freeman
Wall Street Journal
February 15, 2022

[How the CDC Abandoned Science](#)

Vinay Prasad
Tablet
February 14, 2022

[China's Approval of Pfizer Pill Opens Door to Ending Covid Zero](#)

Bloomberg
February 14, 2022

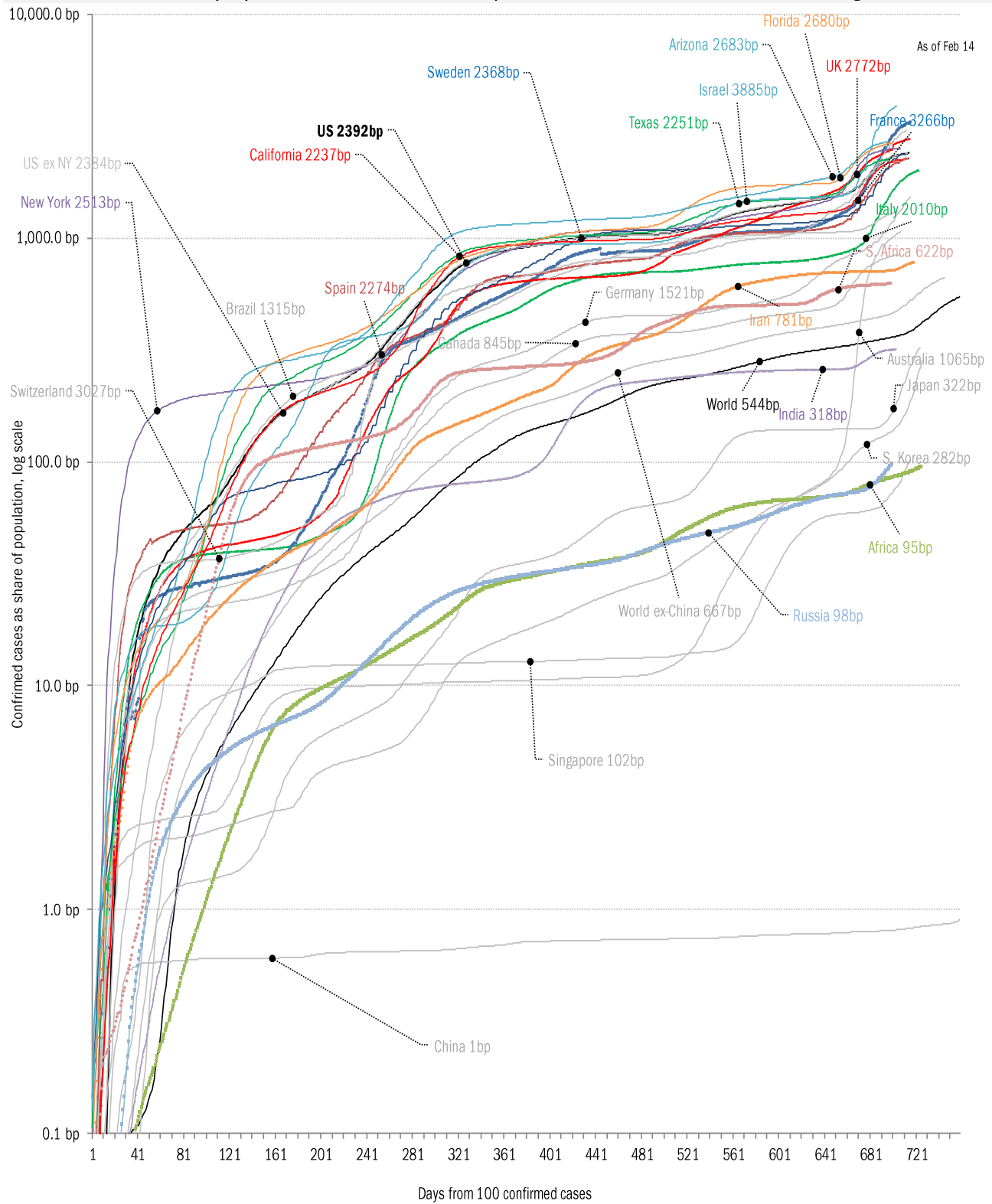
Meme of the day



"And all liberty is canceled until morale improves."

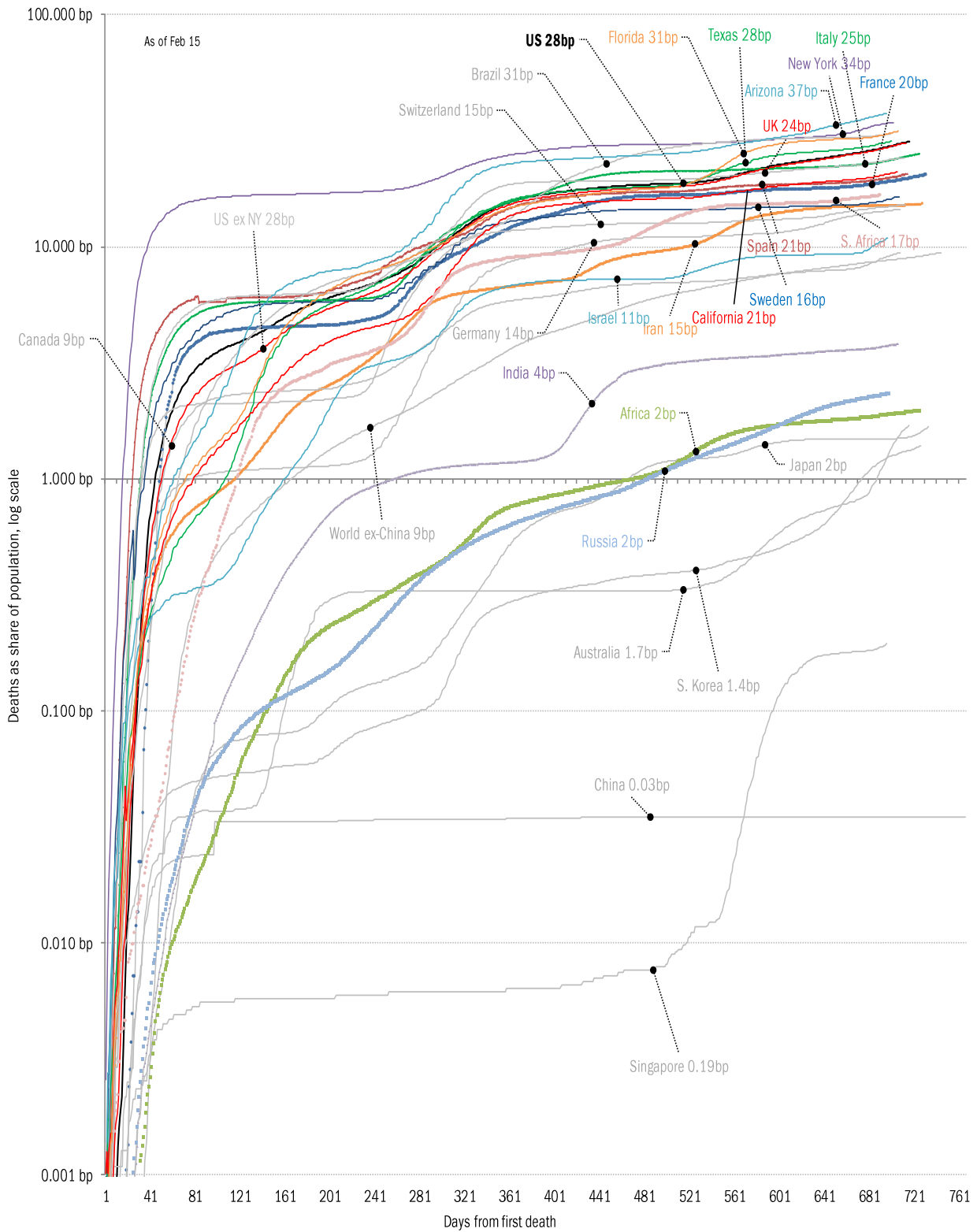
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

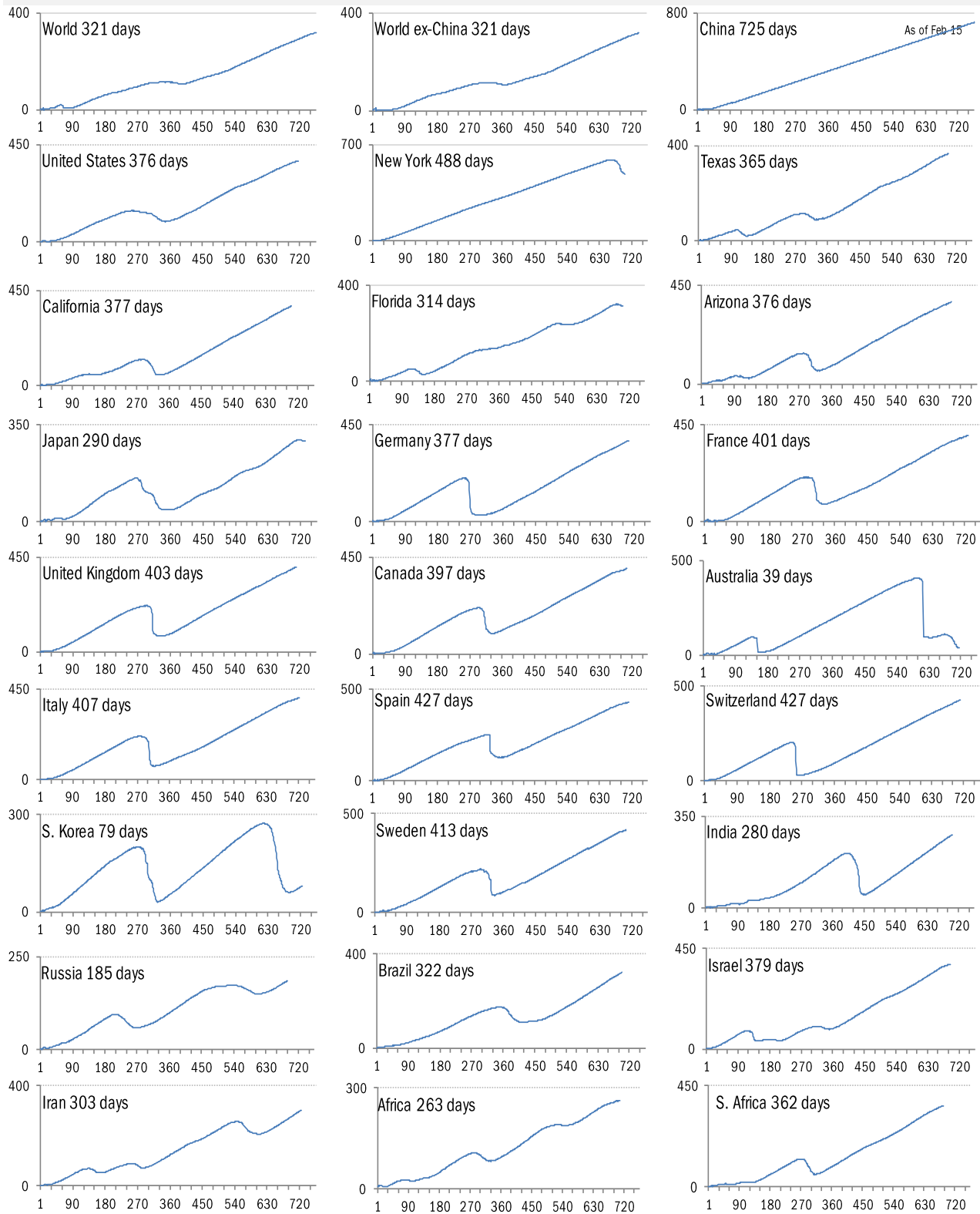


Source: [Johns Hopkins](#), TrendMacro calculations

"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

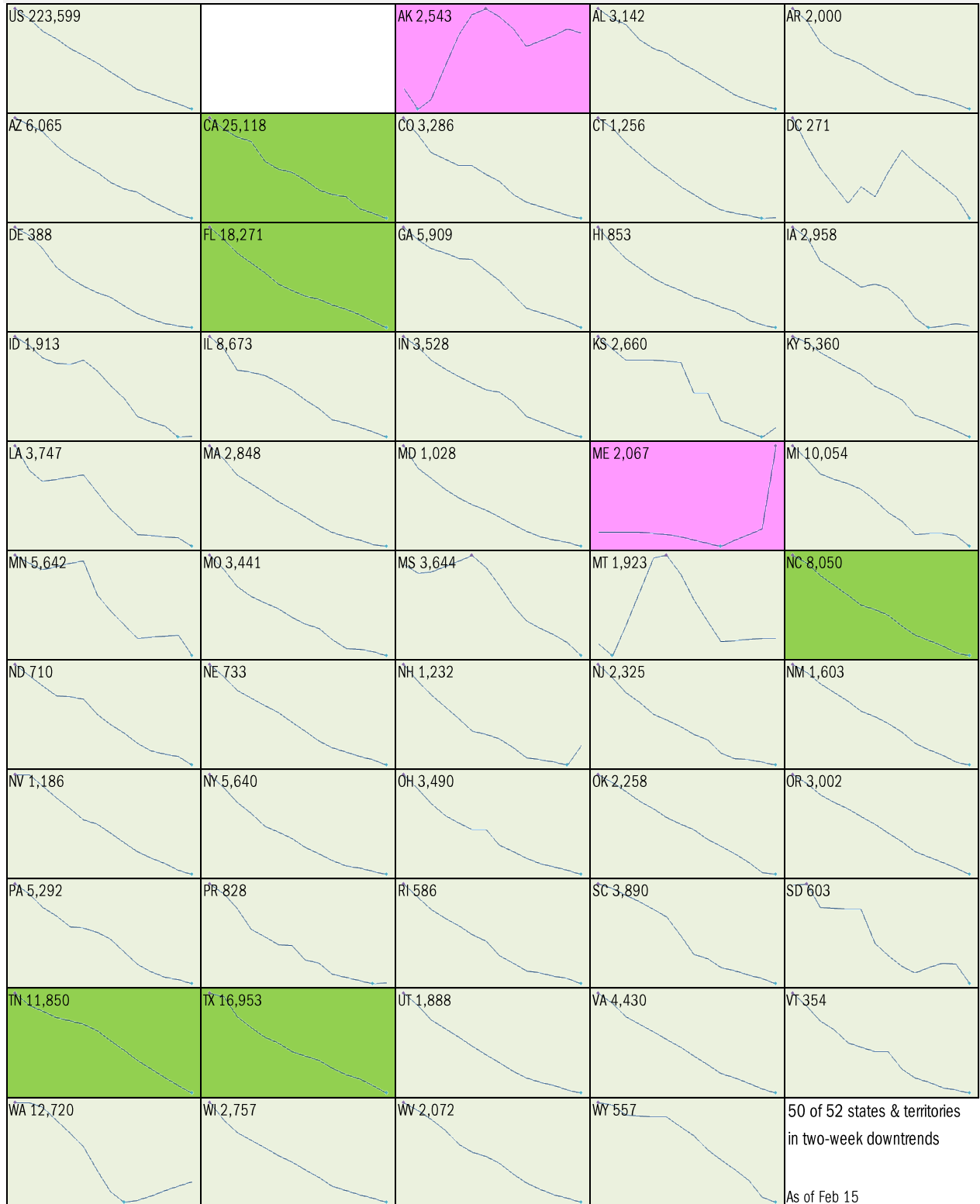


Source: [Johns Hopkins](#), TrendMacro calculations

Requirement to [Open Up America Again](#): 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

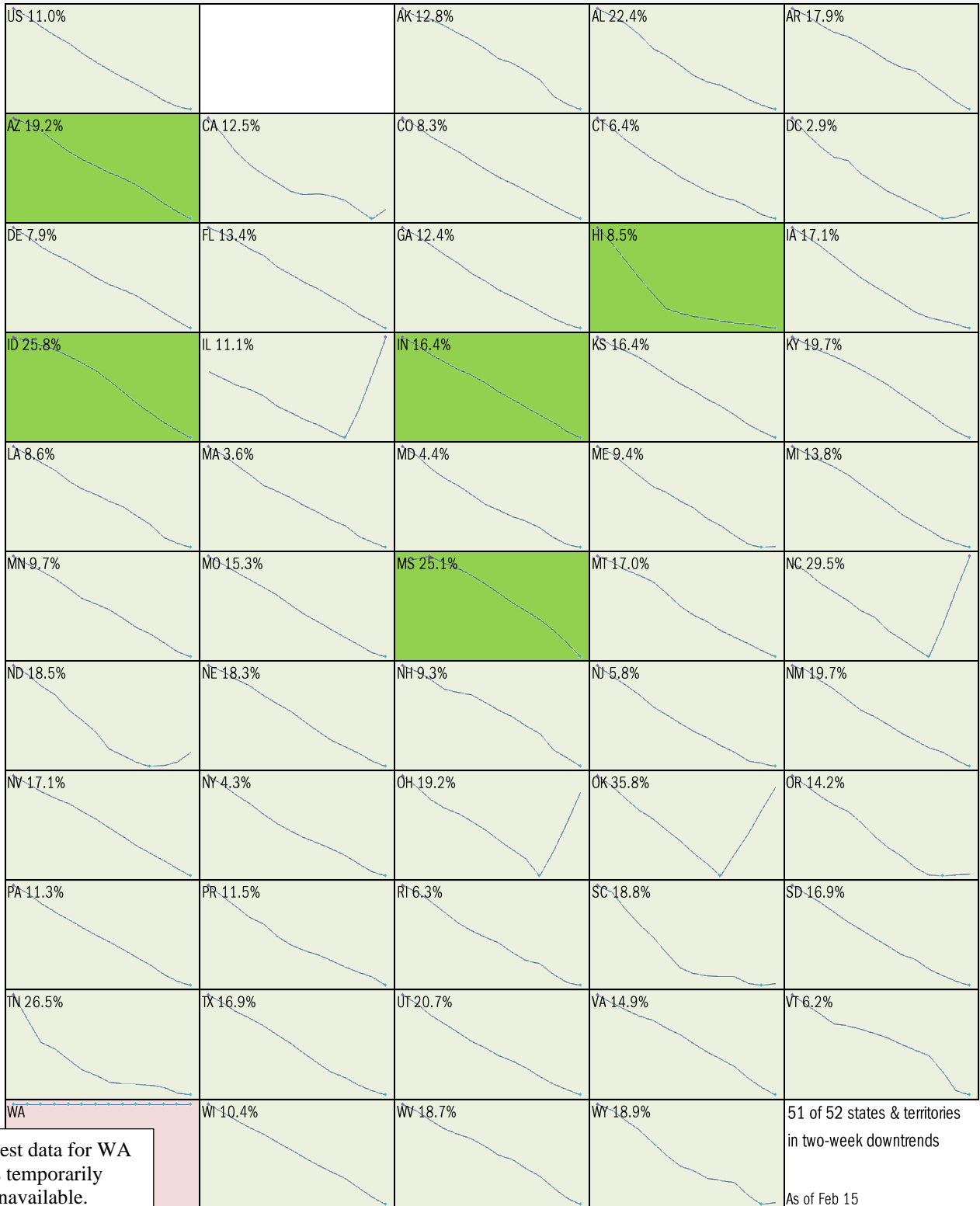


Source: [Johns Hopkins](#), TrendMacro calculations

Alt requirement to [Open Up America Again](#): 14-day "downward trajectory" in pos tests

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

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

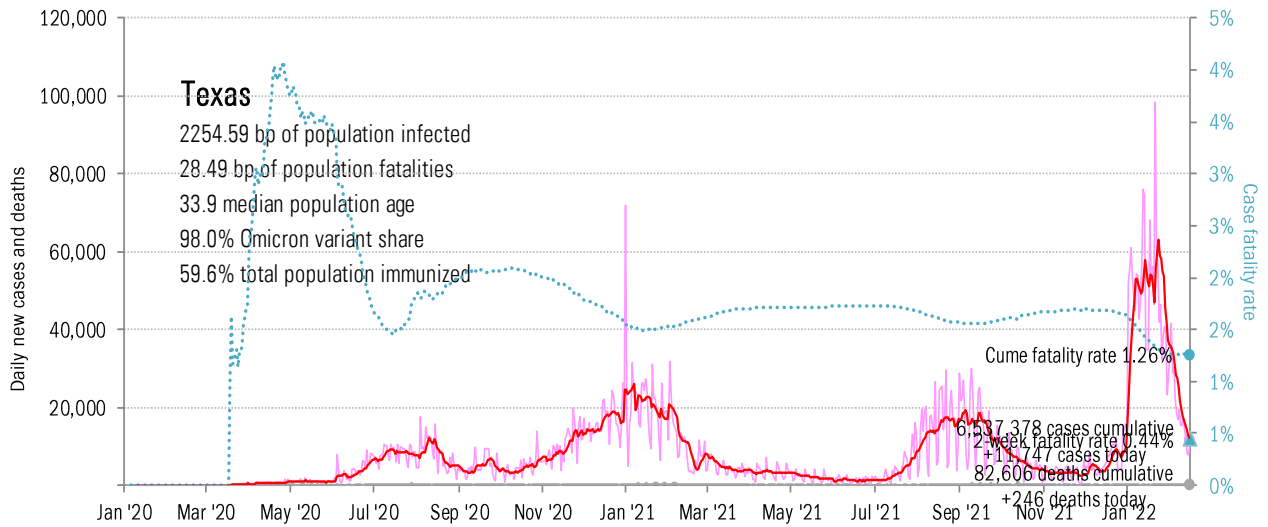
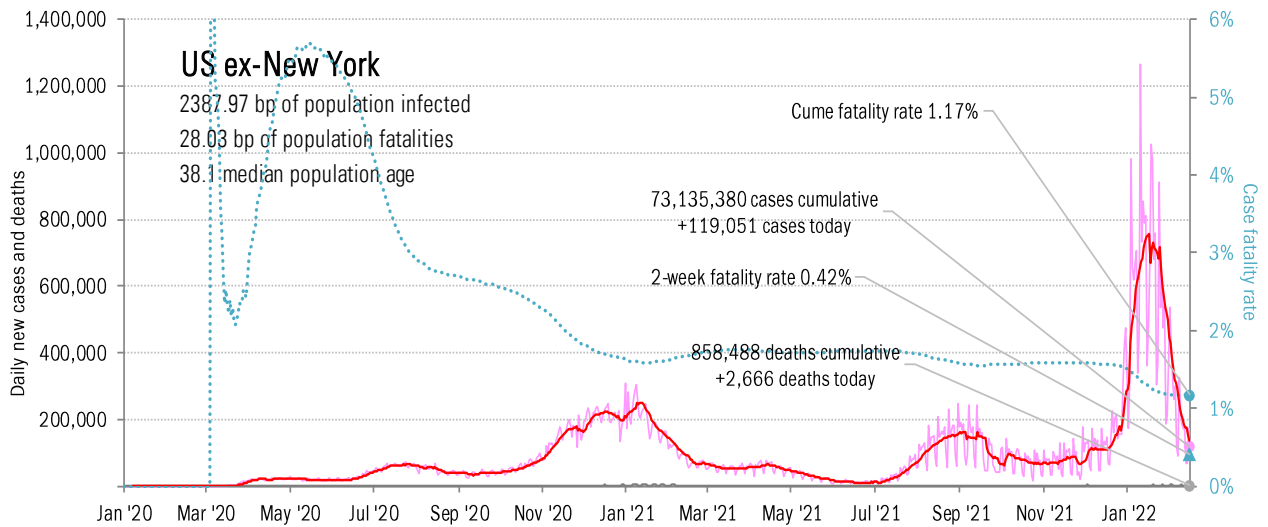
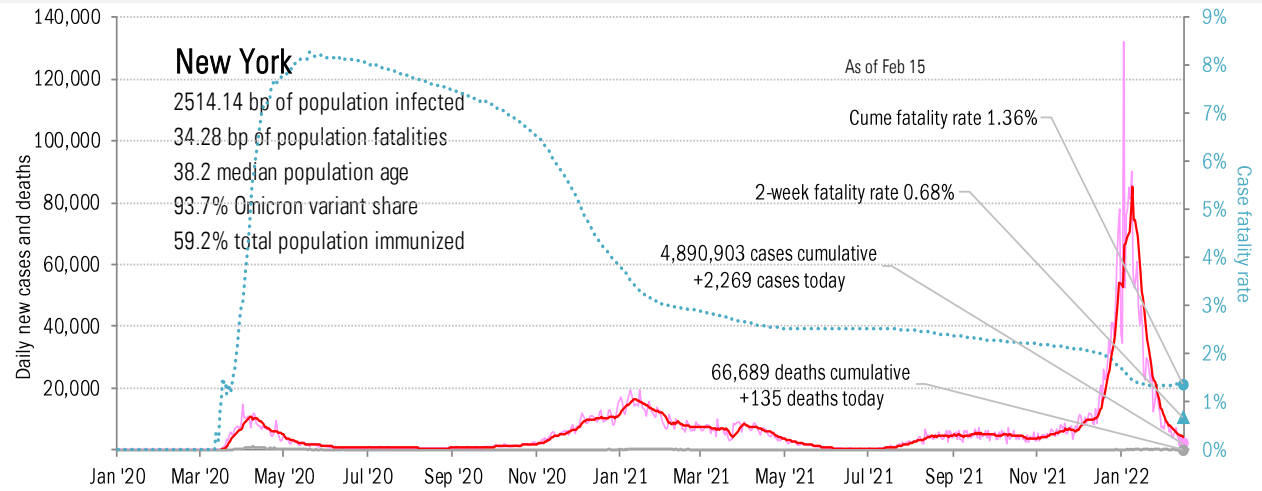


Test data for WA is temporarily unavailable.

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

From Ground Zero to the Rio Grande

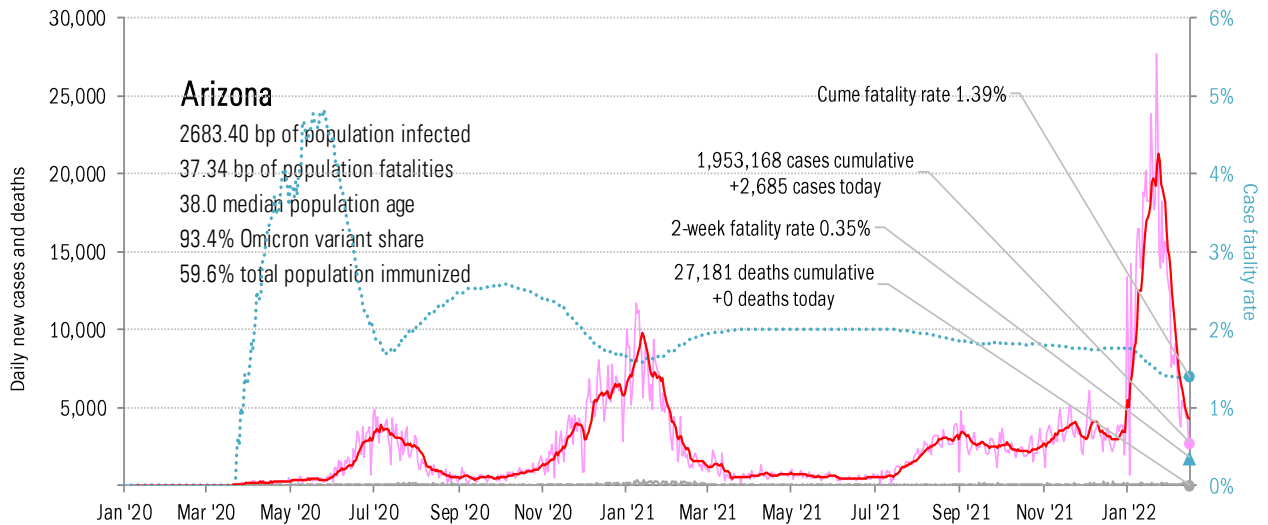
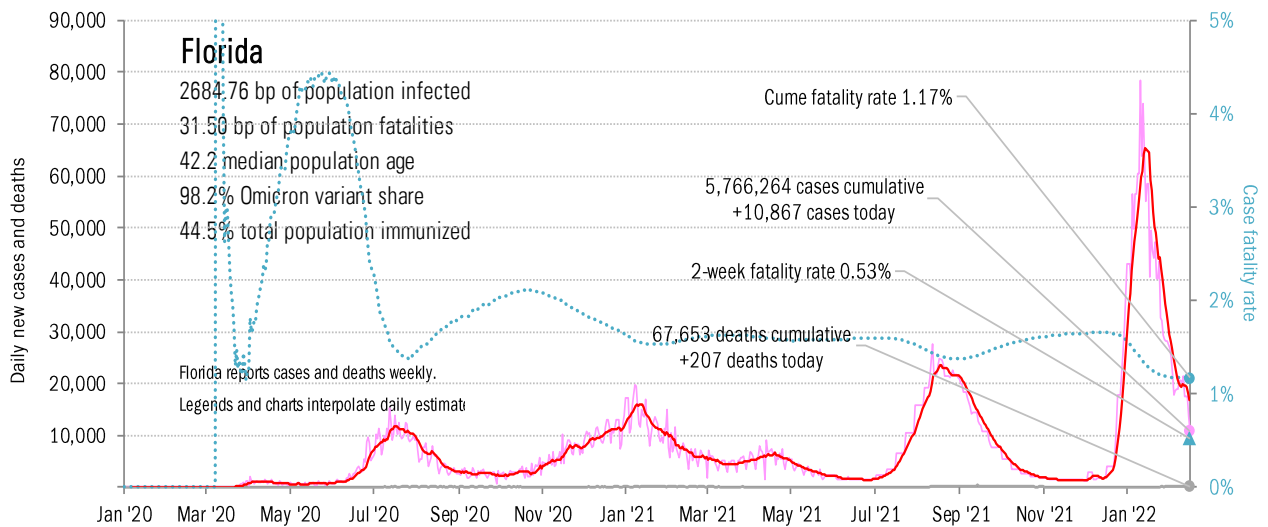
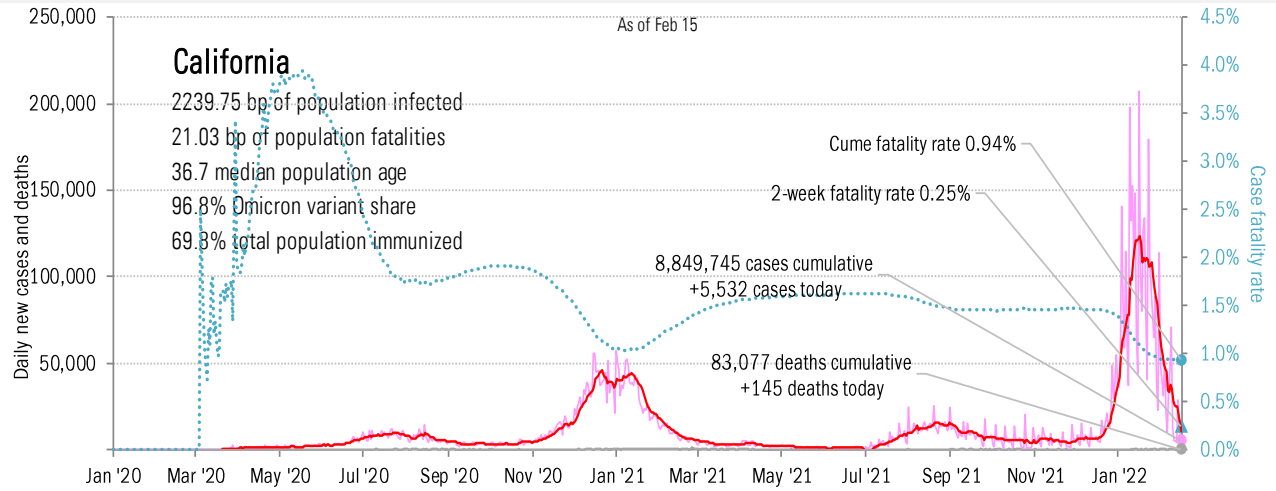
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states (other than Texas)

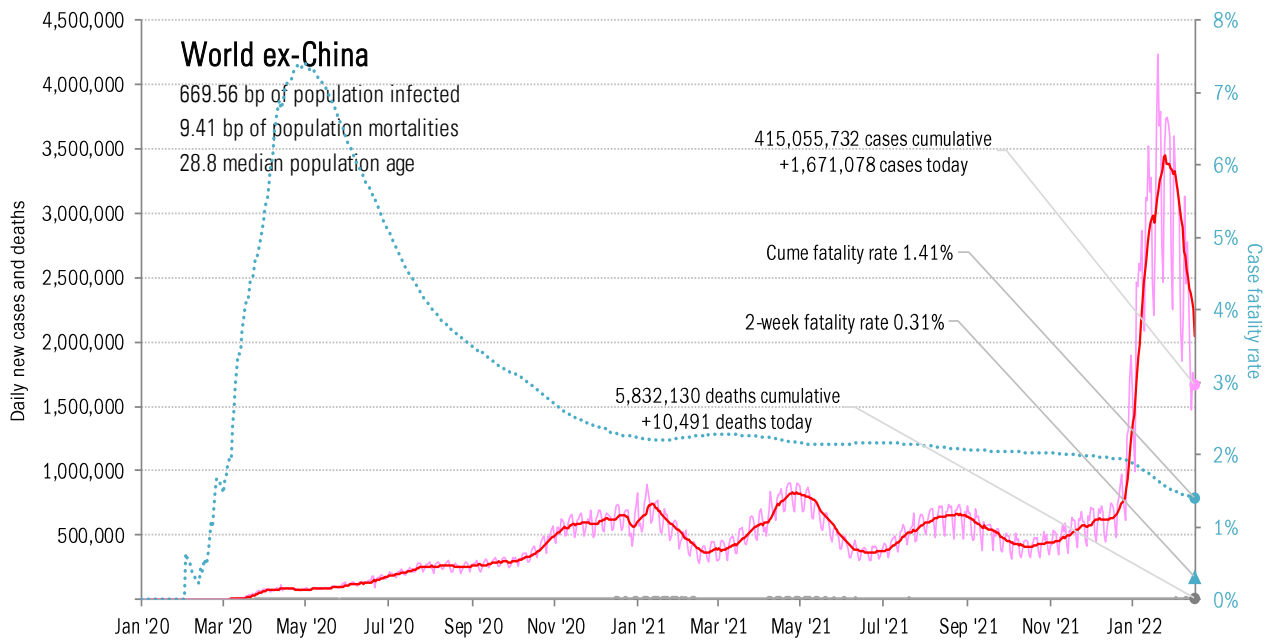
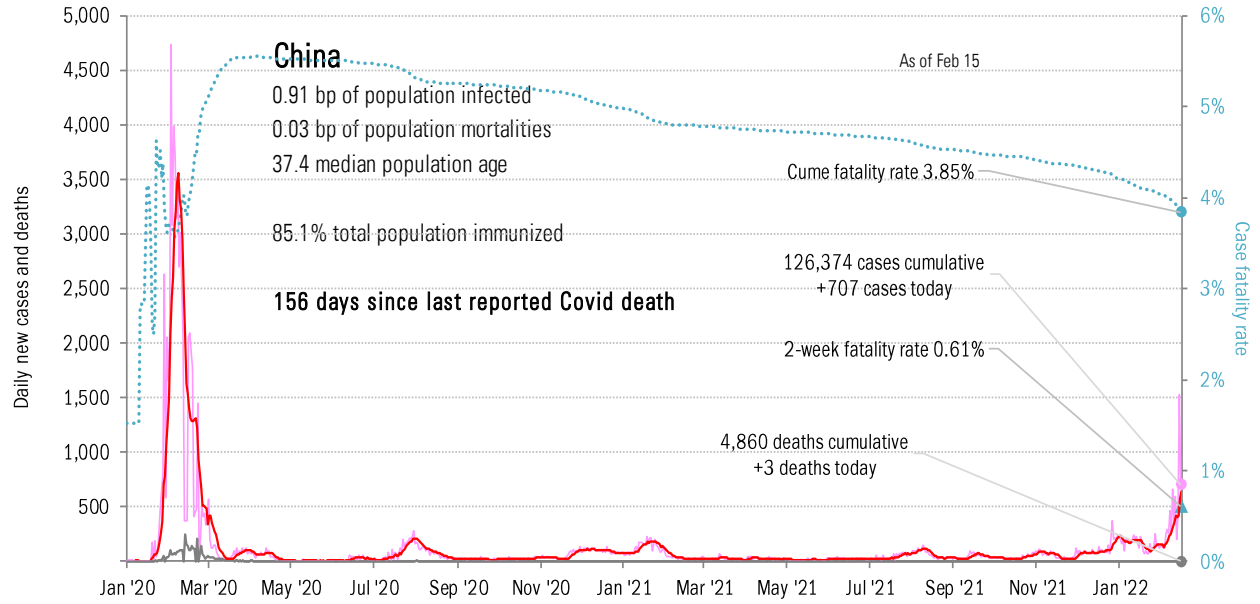
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

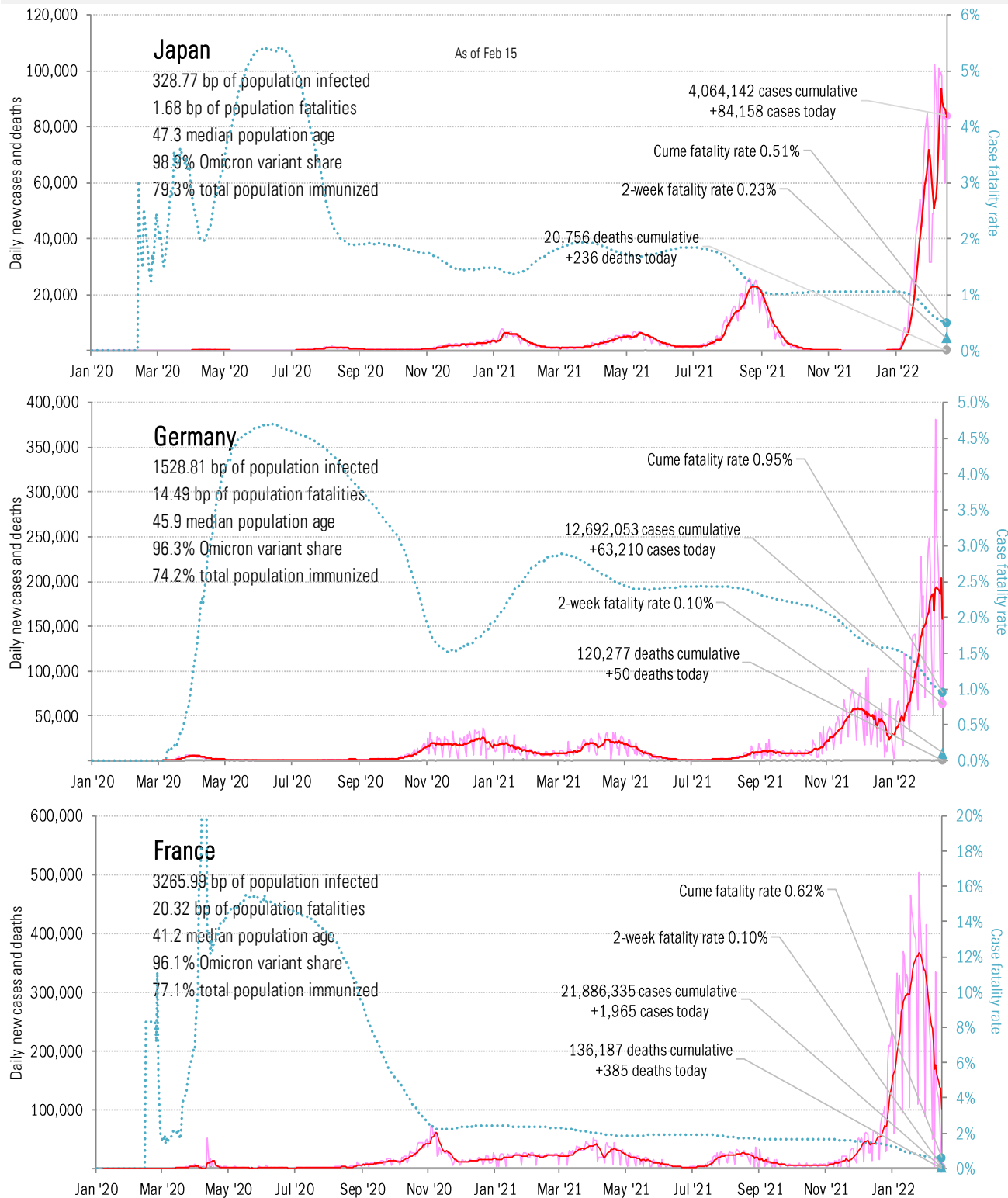
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

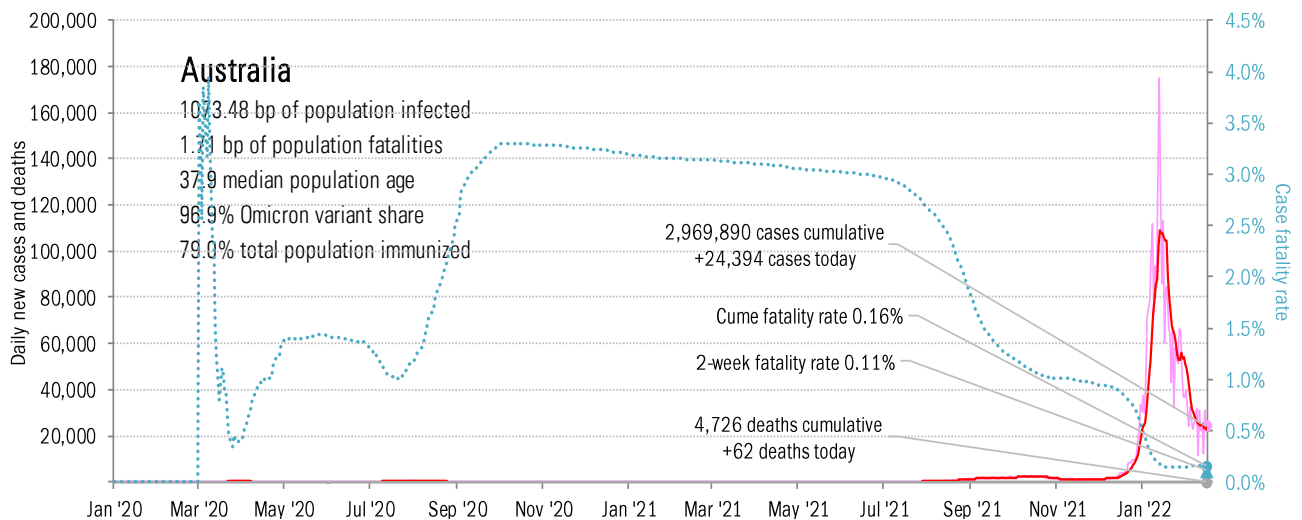
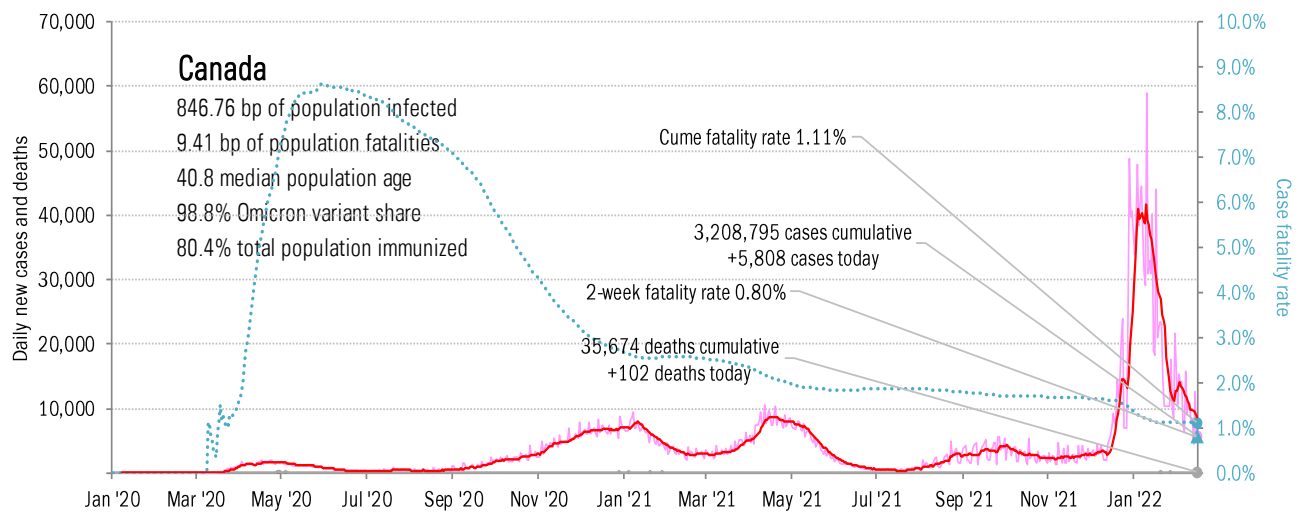
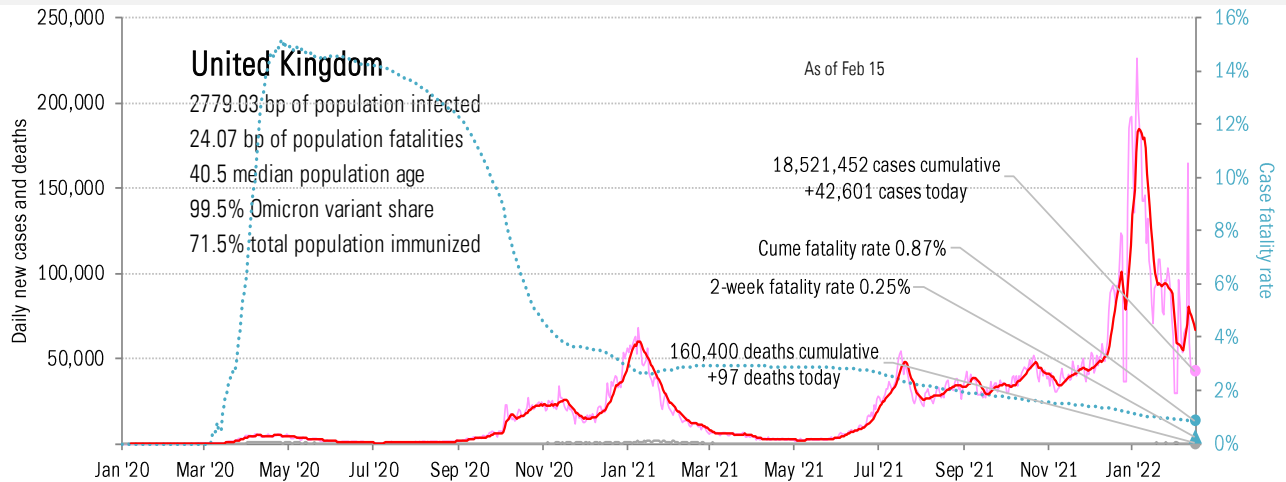
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

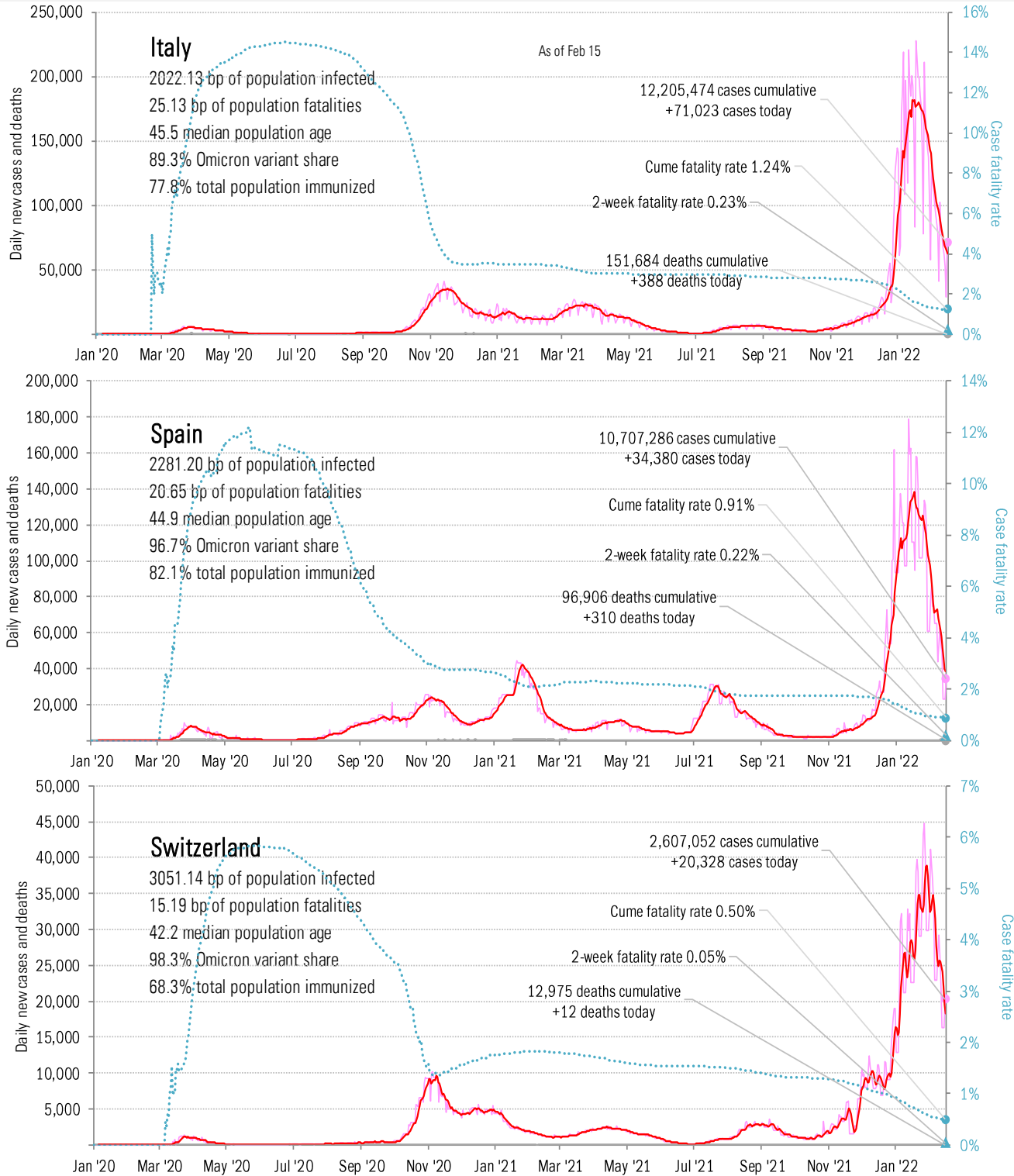
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

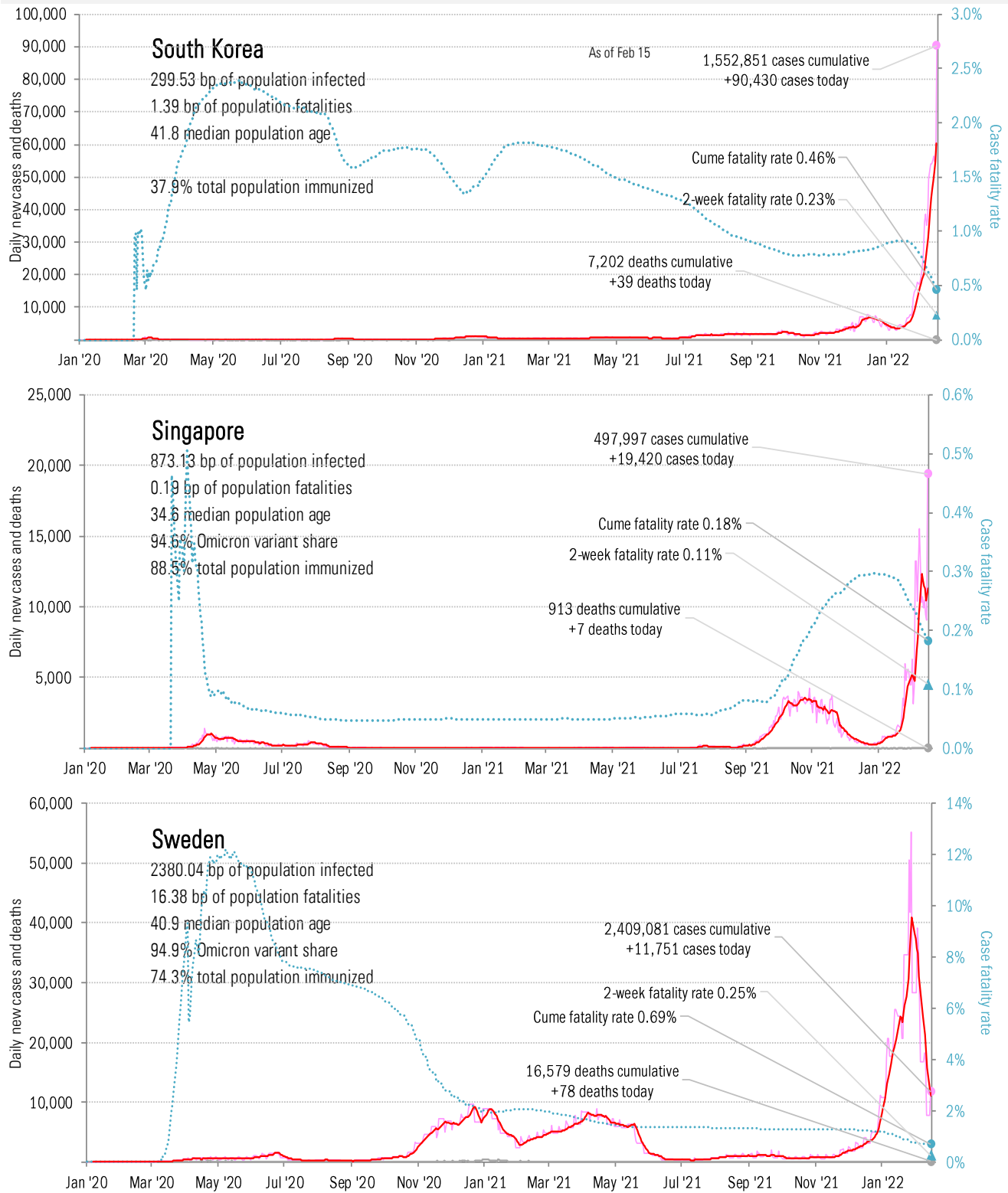
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

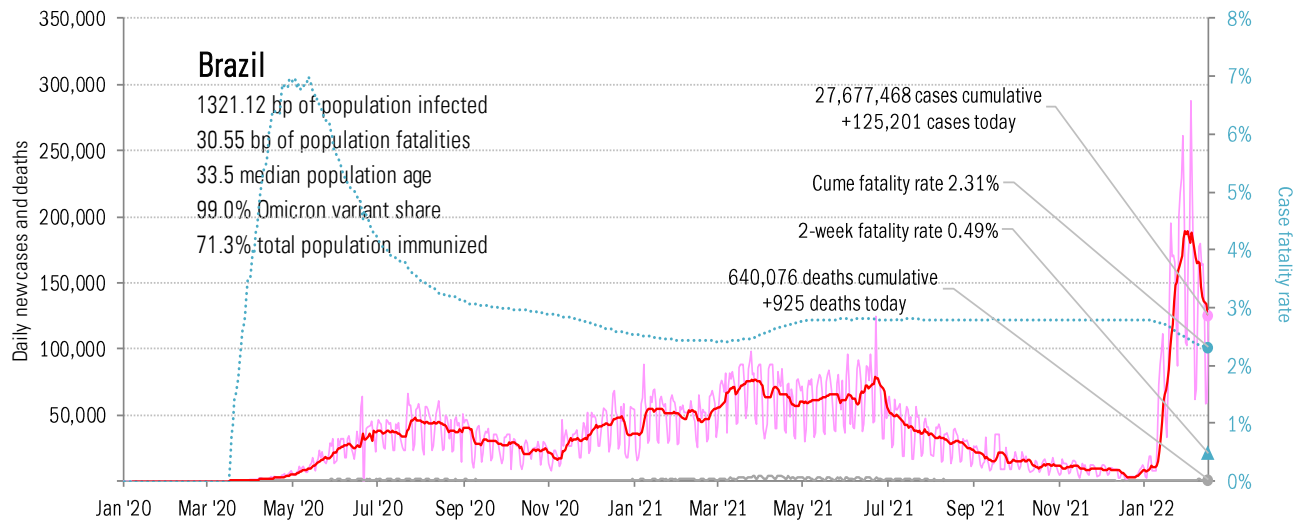
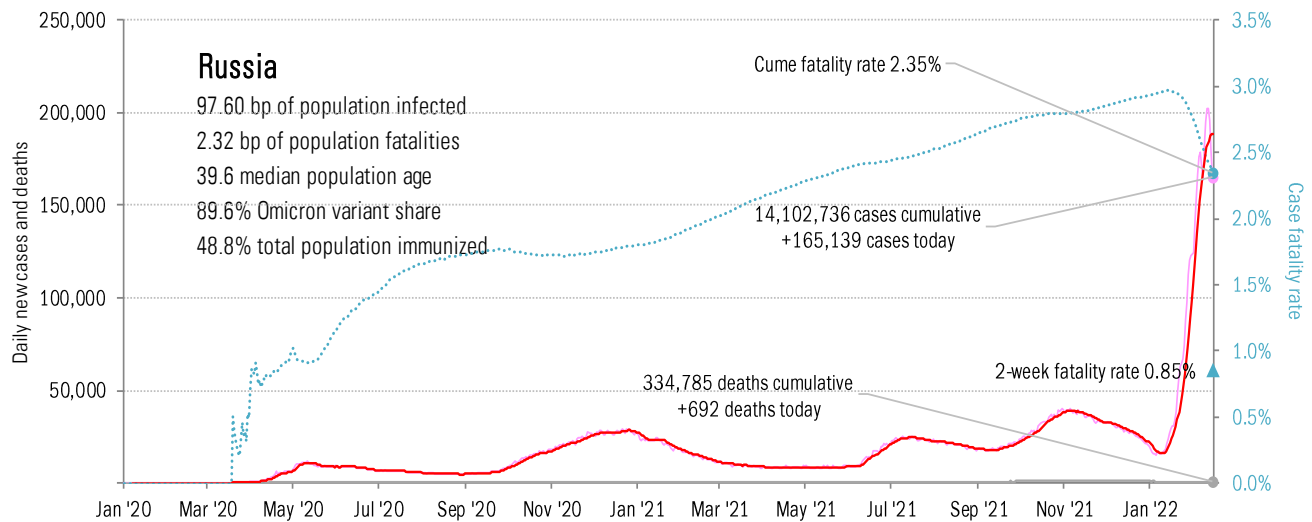
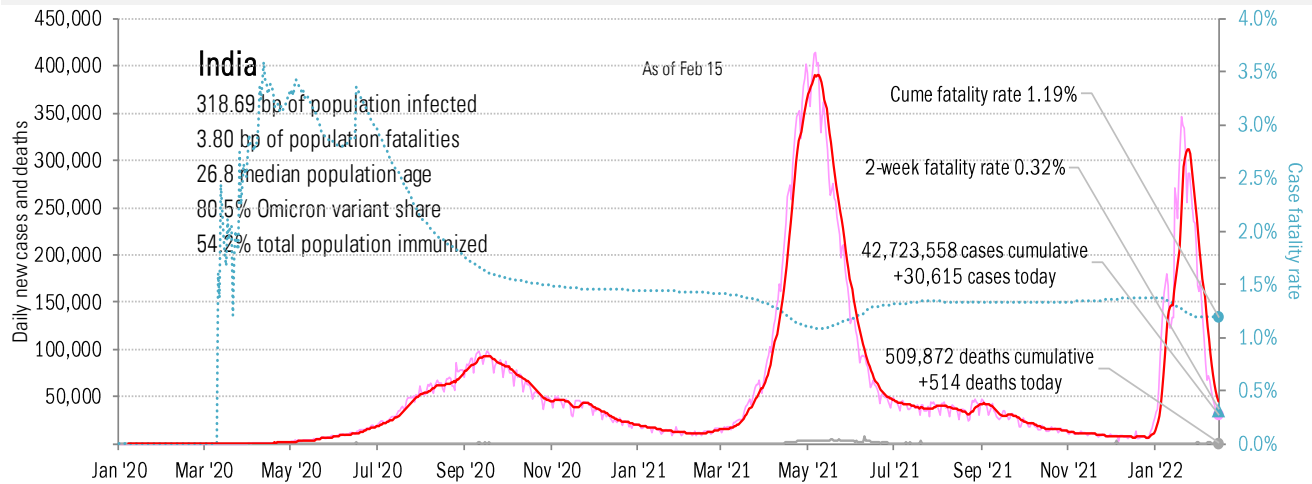
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

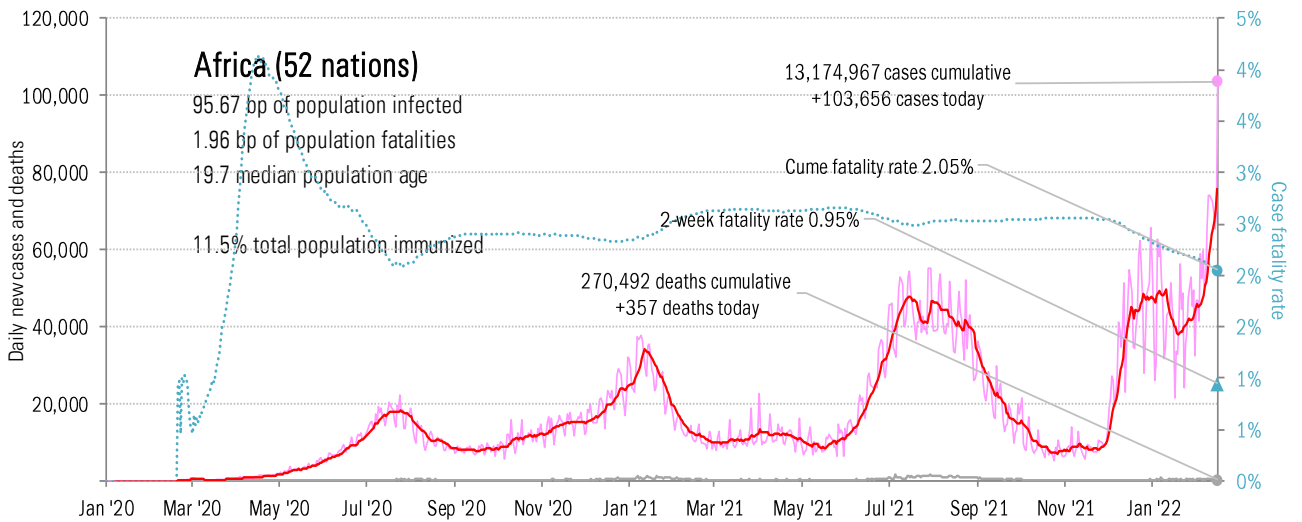
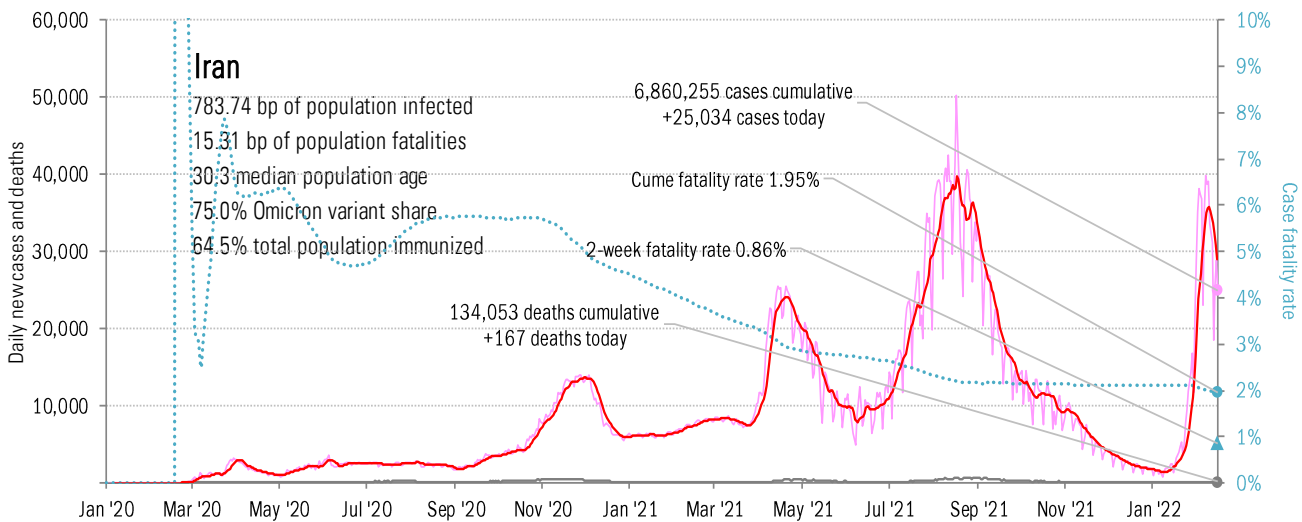
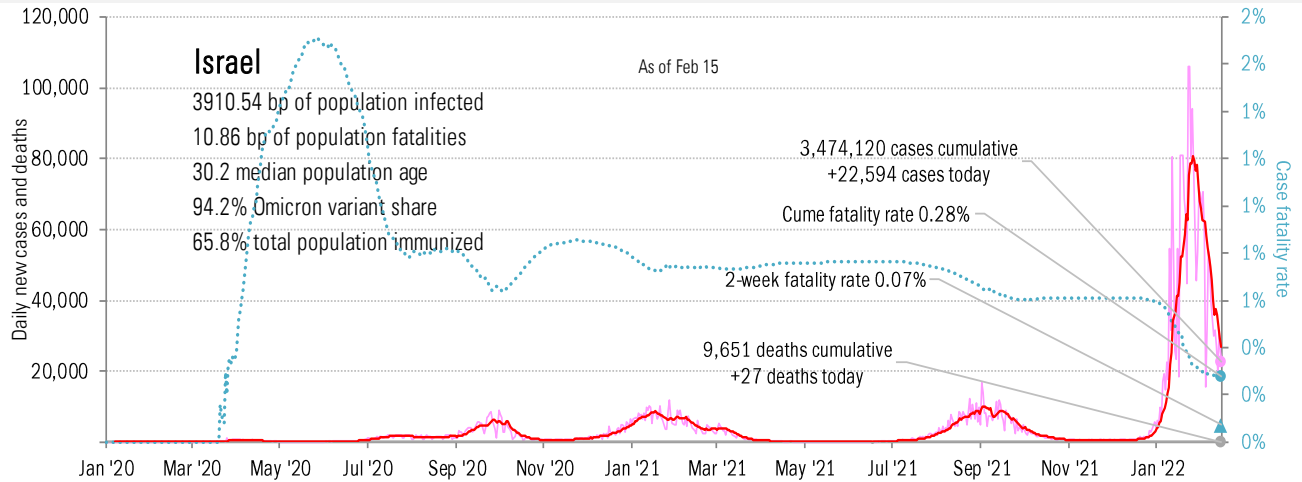
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

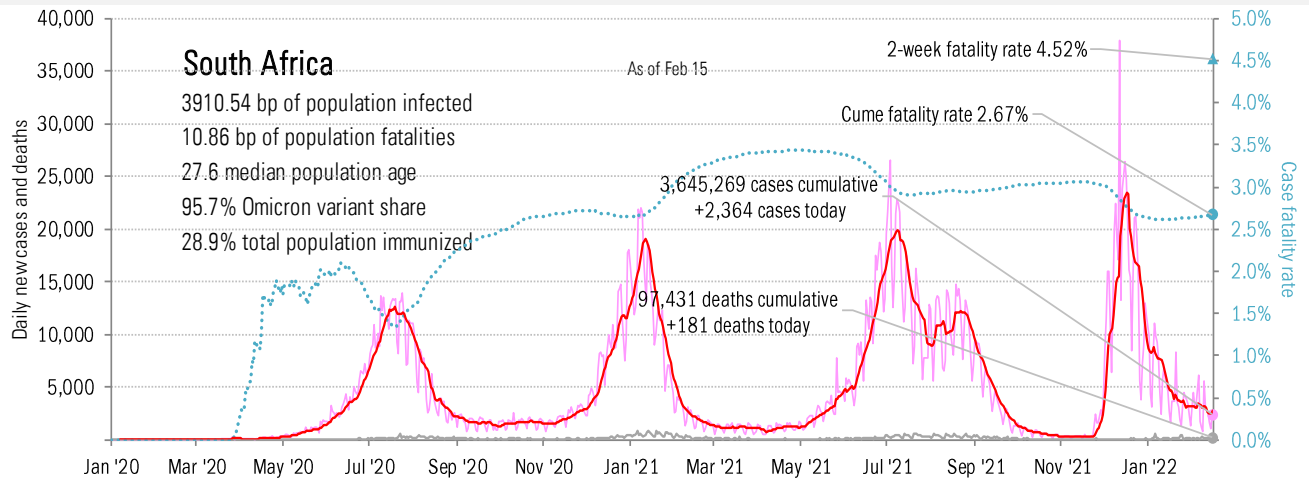
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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