

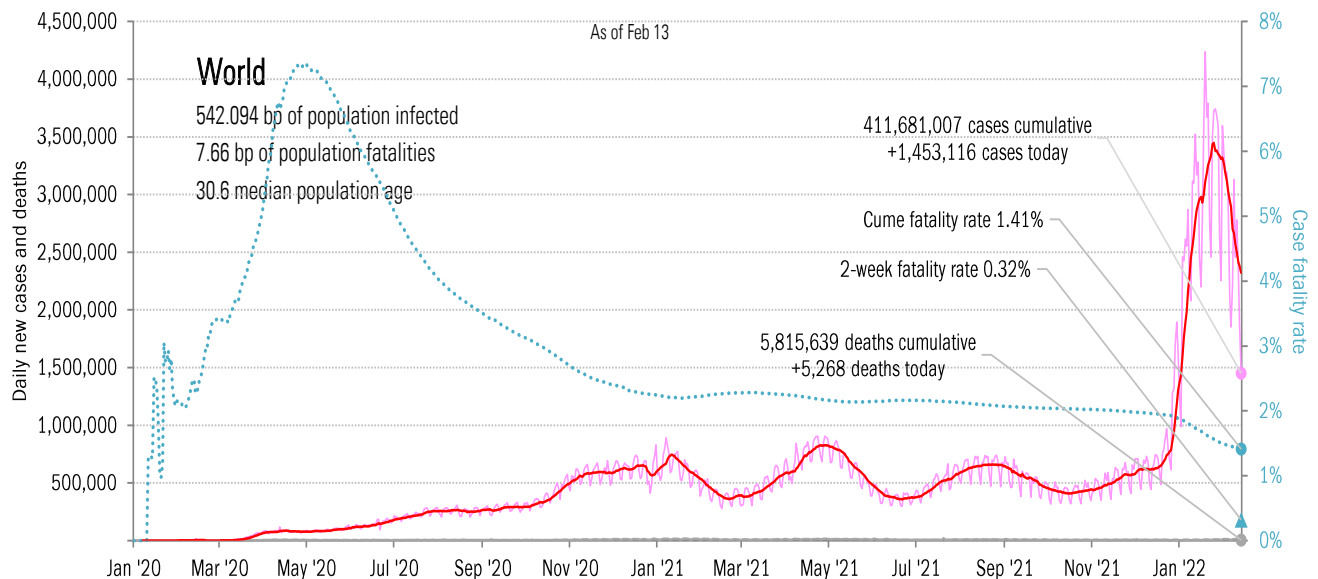
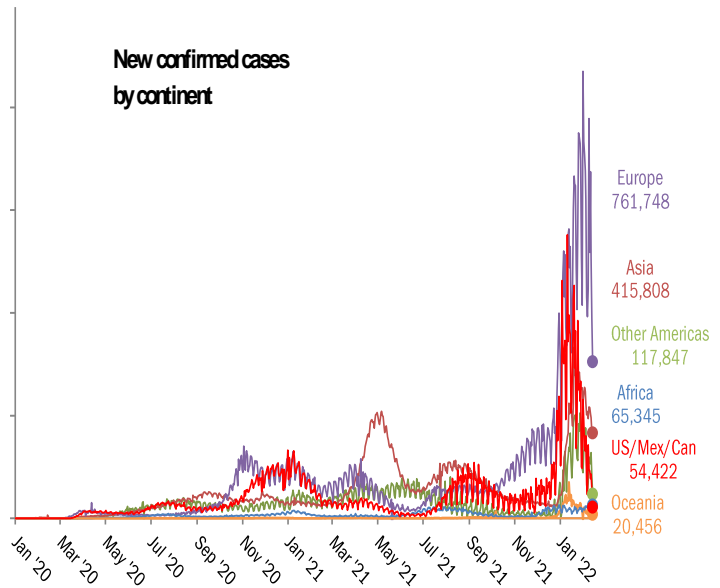
Data Insights: Covid-2019 Monitor

Monday, February 14, 2022

The global scorecard

Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Russia	195,813	Russia	694
France	86,565	United States	626
Japan	77,380	India	346
Turkey	73,787	Brazil	327
Germany	62,841	Turkey	276
Netherlands	60,231	Peru	261
Brazil	58,618	Italy	191
Korea, South	54,616	Colombia	162
Italy	52,345	Ukraine	152
United States	50,021	Iran	148
772,217		3,183	
World	1,453,116	World	5,268
Top ten	53%	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

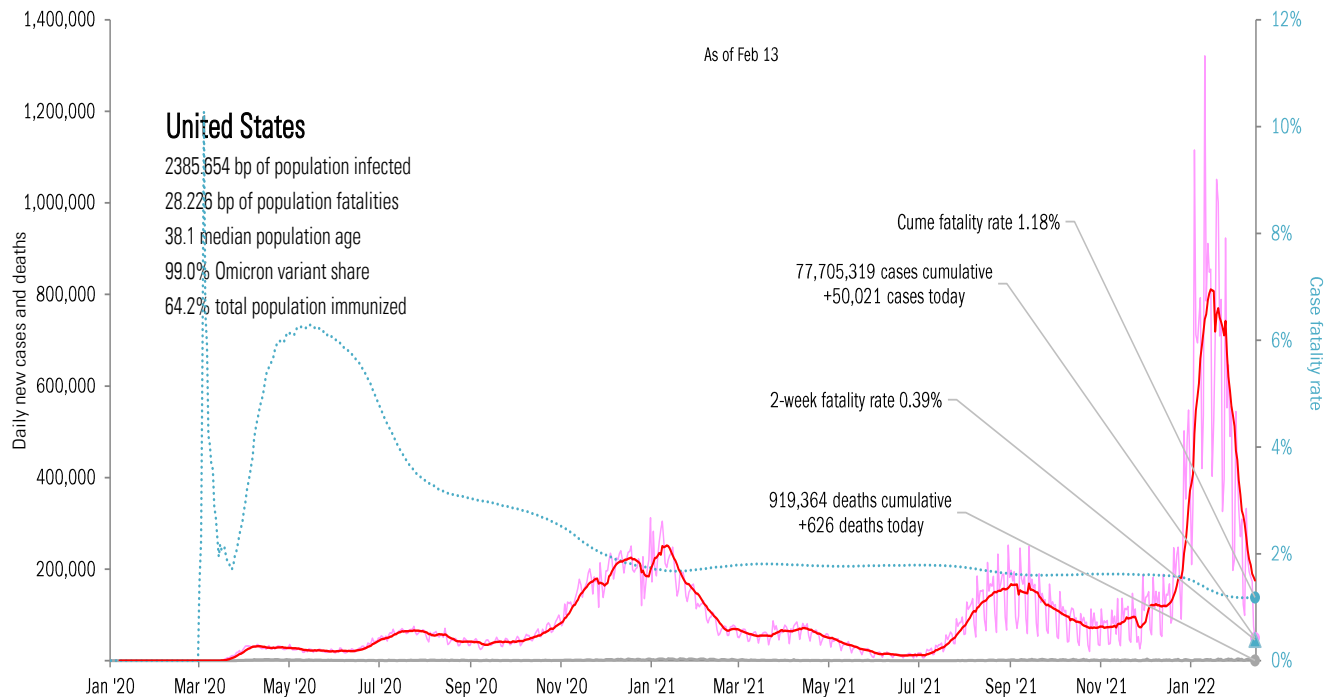
The ten worst US states

New cases			New Deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
FL	17,490		TX	210		KY	165		CA	8,809,229		CA	82,558		TX	472,714		MA	86%	TX	91%
TX	7,876		FL	185		MI	25		TX	6,517,733		TX	82,270		CA	406,240		WV	85%	AL	90%
CA	4,812		NY	92		NM	18		FL	5,741,772		FL	67,240		FL	401,864		MN	85%	KY	89%
AZ	4,397		TN	69		ID	16		NY	4,886,180		NY	66,523		NY	237,946		AZ	84%	MS	88%
NY	4,355		CA	56		CT	15		IL	2,987,502		PA	42,203		GA	198,221		GA	84%	NH	88%
PA	2,407		AR	40		WV	13		PA	2,724,802		CH	35,005		CH	185,326		MO	84%	GA	87%
CH	1,490		AZ	16		IA	12		CH	2,632,336		IL	34,228		PA	170,379		WA	83%	ID	87%
WV	1,348		MD	12		NE	11		NC	2,525,734		GA	34,076		IL	152,098		RI	83%	WV	87%
NJ	1,097		NJ	6		NC	7		GA	2,434,131		MI	33,463		KY	136,237		PA	83%	NM	86%
AL	1,054		FR	5		HI	6		MI	2,324,854		NJ	32,380		MI	136,177		MD	83%	VT	86%
46,326			691			288			41,584,273			509,946			2,497,202						
All states	50,021		626			-676			All states	77,705,319		919,364			4,525,079			All states	70%	67%	
Top ten	93%		110%			-43%			Top ten	53%		56%			55%			Median	78%	79%	

Some states not reporting

Five most improved US states

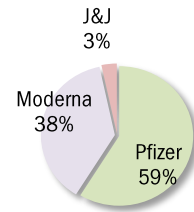
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TN	-5,717	AZ	-75	NY	-104	FR	+30 bp
TX	-3,502	PA	-69	NH	-25	PA	+20 bp
IA	-2,863	AL	-66	MT	-21	AK	+10 bp
PA	-2,411	NJ	-49	AK	-16	AR	+10 bp
ME	-1,924	DE	-42	MA	-6	AZ	+10 bp



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	560,821,653		+0.493 million	US	64.2%	75.9%
Boosters	92,830,915		+0.216 million	UK	71.4%	77.0%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	259,623,734	78%	219,958,335	66%	+0.137 million	France 77.0% 79.9%
Age 12 to 17	17,158,661	68%	14,552,223	58%	+0.015 million	Spain 82.1% 87.7%
Age 18 to 64	175,101,021	86%	148,231,640	73%	+0.064 million	Germany 74.1% 75.4%
Age 65 and over	58,093,958	100%	50,221,123	92%	+0.007 million	Italy 77.7% 83.7%
						Australia 79.0% 85.0%
						Israel 65.8% 72.1%
						Canada 80.4% 85.3%
						Japan 79.3% 80.5%
						Africa 11.3% 16.6%
						India 54.1% 68.8%
						Brazil 71.2% 81.4%
						China 85.1% 87.7%



AK	68.2%
	60.0%

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

Best
Middle
Worst

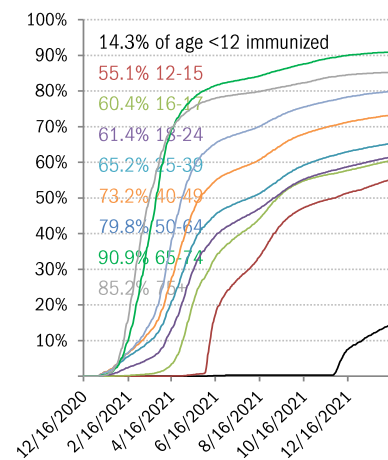
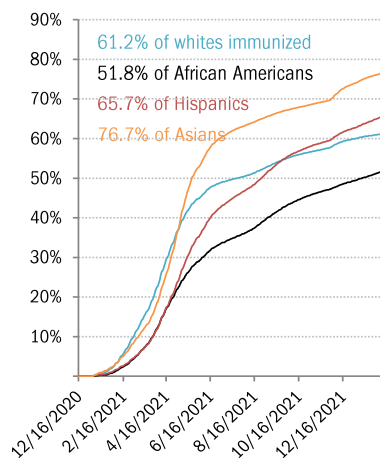
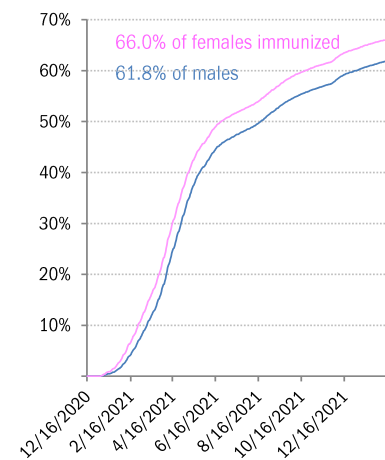
Immunity = two doses

As of Feb 13

Global data differs due to sources, timing

					WI					ME
					70.8%					89.0%
					64.2%					78.0%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
79.3%	60.0%	64.1%	64.3%	74.1%	75.6%	65.7%		88.3%	92.6%	95.0%
70.5%	52.6%	55.6%	54.2%	67.7%	66.8%	58.8%		74.9%	79.8%	69.3%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
76.6%	73.6%	57.7%	74.5%	67.0%	60.3%	62.6%	82.8%	88.4%	95.0%	
68.3%	59.1%	50.3%	59.4%	60.8%	53.7%	57.3%	66.5%	73.7%	77.1%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
81.2%	70.7%	78.0%	69.1%	65.0%	65.0%	63.9%	84.1%	84.3%	93.4%	95.0%
69.8%	62.6%	68.8%	62.1%	54.7%	56.1%	56.5%	71.5%	73.4%	77.3%	79.9%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	70.9%	85.3%	73.0%	65.4%	61.0%	81.7%	66.1%	94.3%	81.2%	
	59.5%	69.0%	59.7%	53.2%	53.1%	58.9%	55.4%	70.8%	66.9%	
			OK	LA	MS	AL	GA			
			69.6%	59.9%	58.5%	61.6%	64.0%			
			55.6%	52.3%	50.5%	49.9%	53.3%			
			TX					FL		PR
			70.3%					77.6%		94.4%
			59.5%					65.5%		80.5%

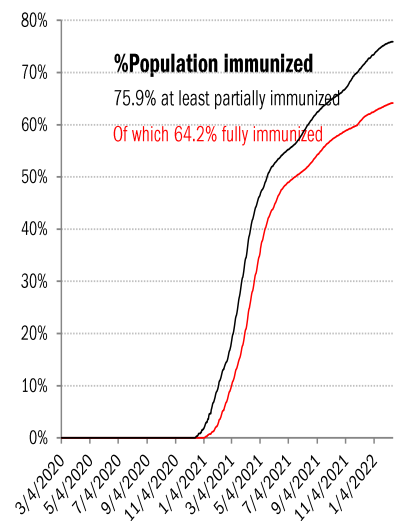
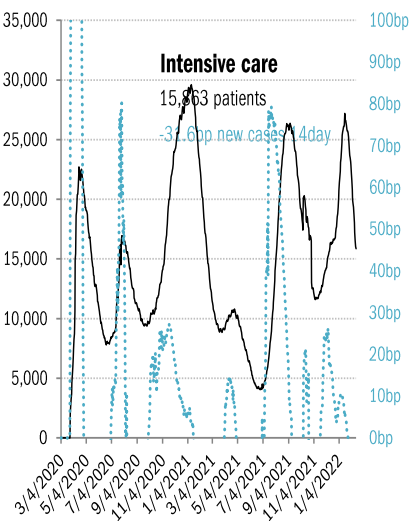
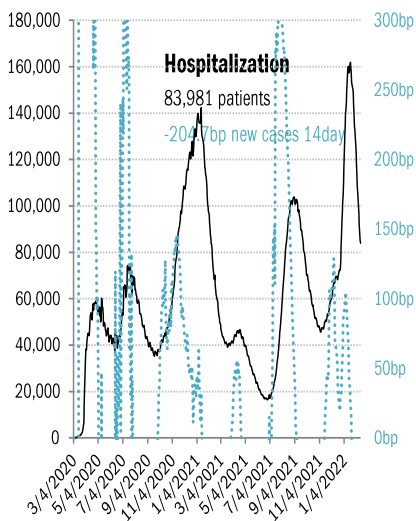
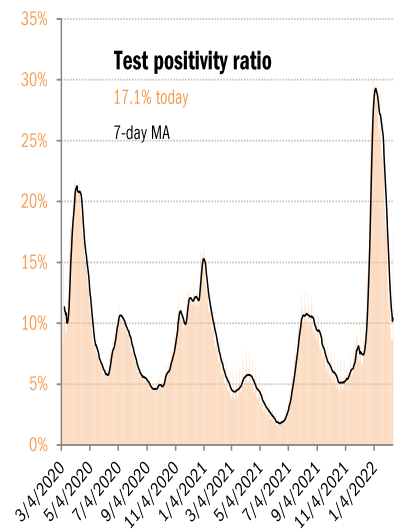
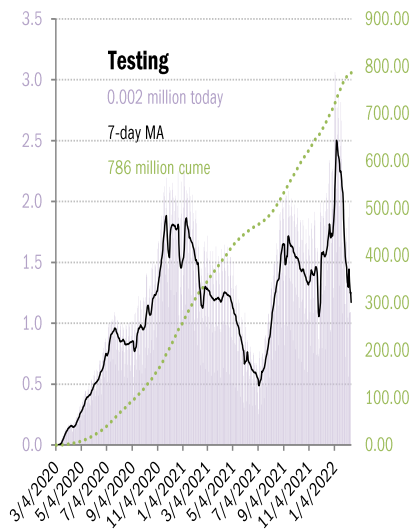
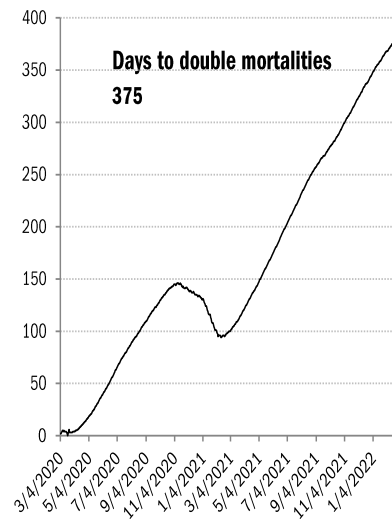
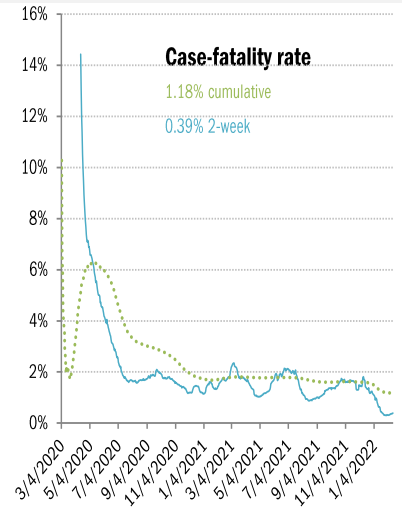
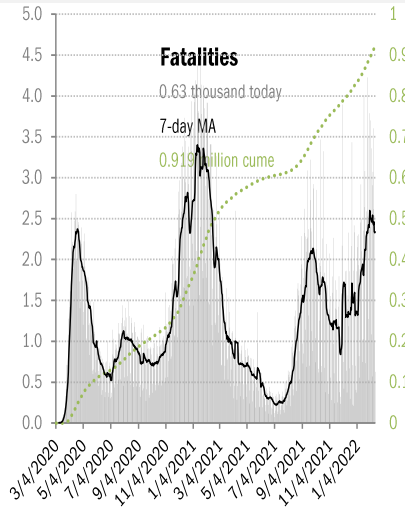
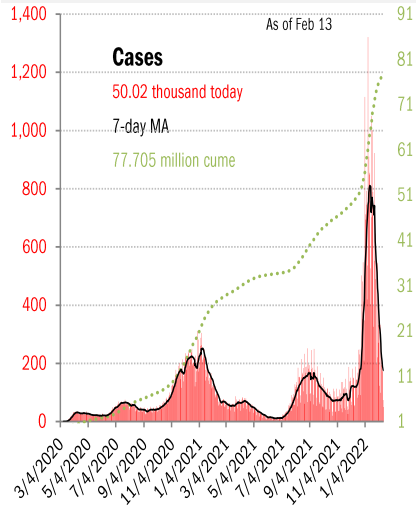
The demographics of US vaccination



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

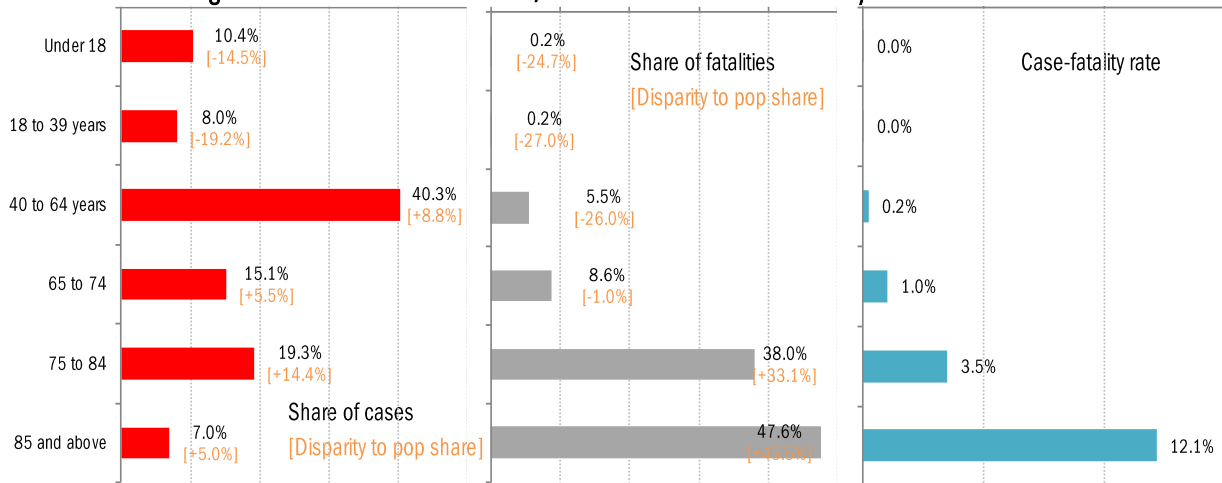
US deep-dive

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

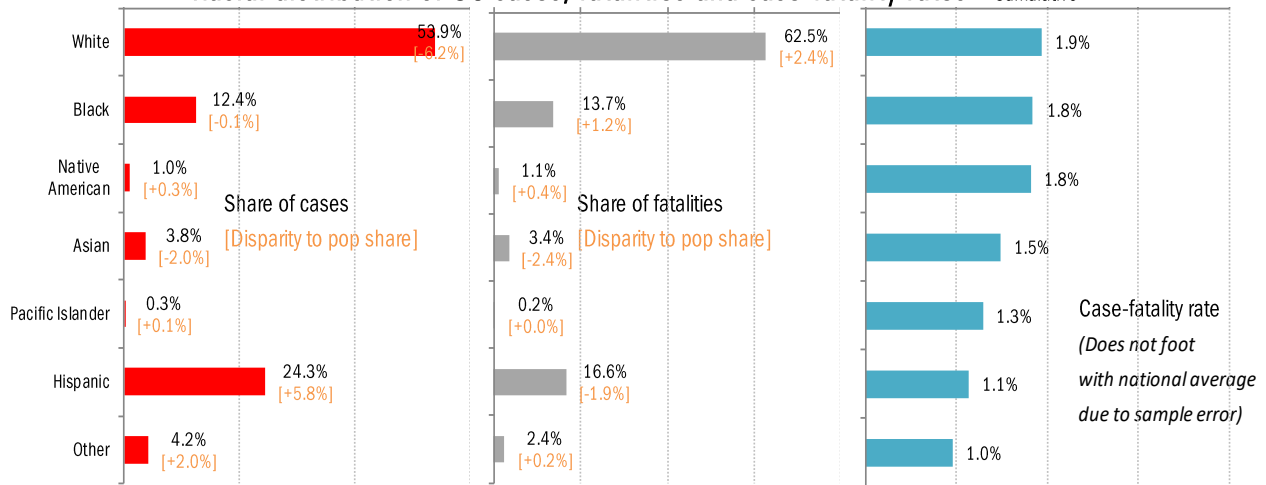


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

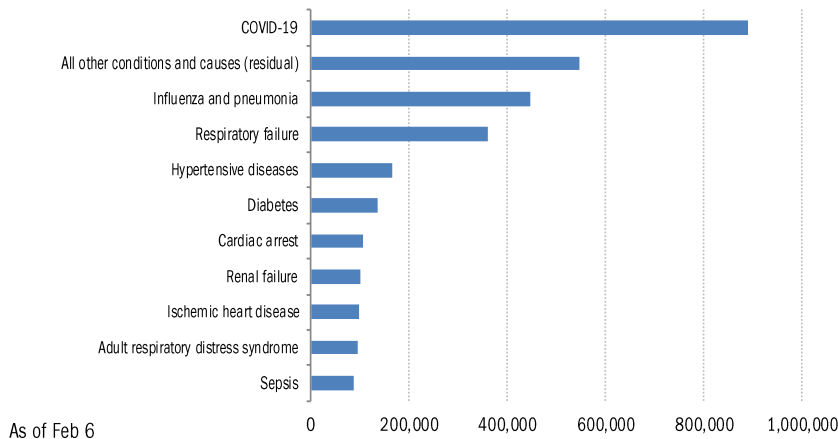


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[Mask Mandates Didn't Make Much of a Difference Anyway](#)

Faye Flam
Bloomberg
February 11, 2022

[The smallpox pandemic response was eerily similar to COVID](#)

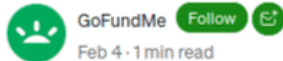
A Midwestern Doctor
A's Newsletter
February 13, 2022

[The Last Pandemic Aid Anybody Wants to Need](#)

Tara Siegel Bernard
New York Times
February 11, 2022

Meme of the day

UPDATE: GoFundMe Statement on the Freedom Convoy 2022 Fundraiser



Feb 4 · 1 min read



GoFundMe supports the right to protest. GoFundMe recommends the Freedom Convoy 2022 take the following actions:

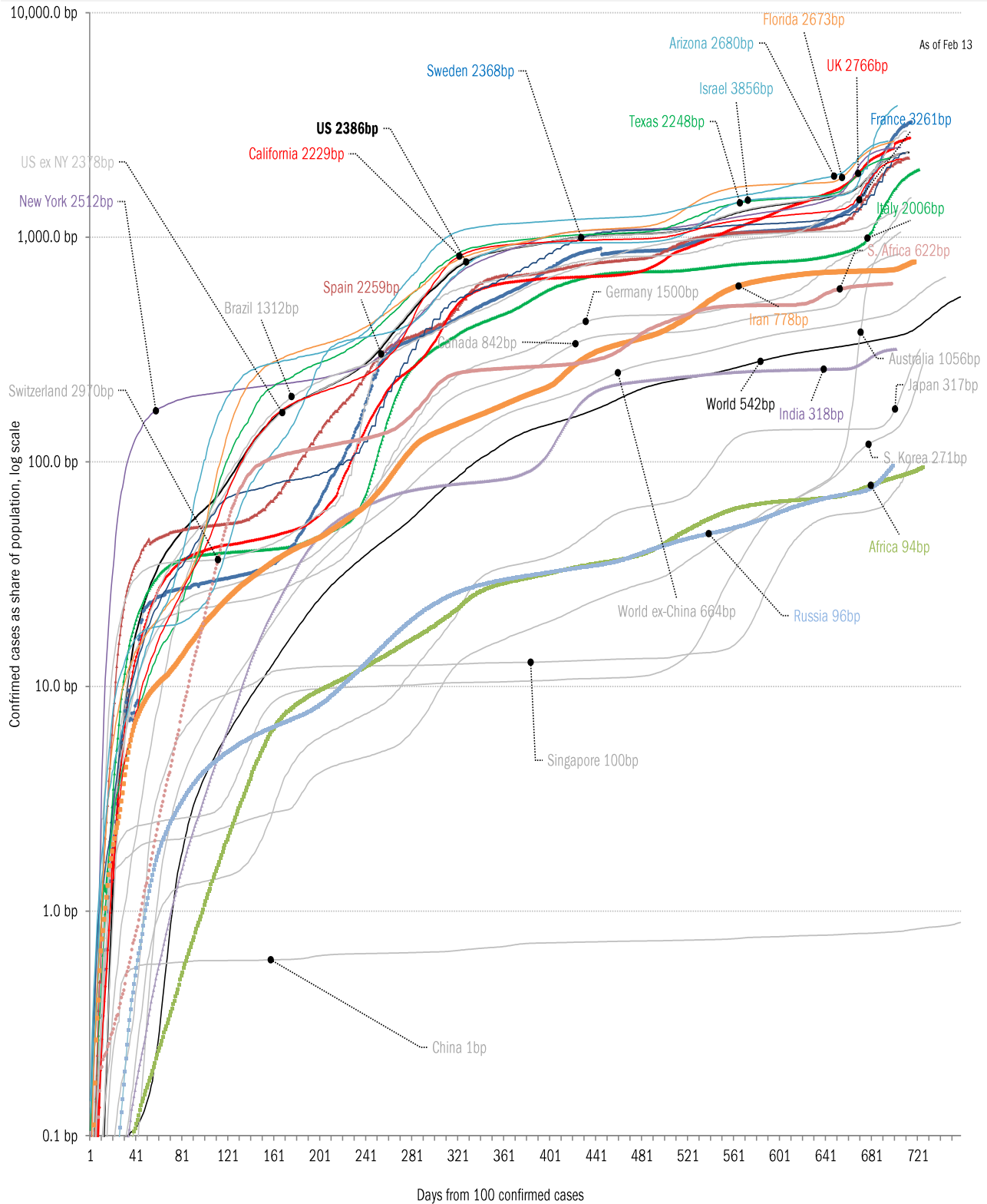
- Arson - while burning random businesses is a good start GoFundMe recommends burning police stations.
- Looting - giant screen TV's, cell phones, and sneakers command a high resale value on the black market. GoFundMe encourages the Freedom Convoy to maximize their fundraising by looting.
- Murder - violence is a very effective way to promote your cause. GoFundMe will arrange for your bail to be paid.

Organizations supported by GoFundMe have taken these actions to promote their cause. By adopting the GoFundMe formula The Freedom Convoy can join these successful organizations.

We're here for you.

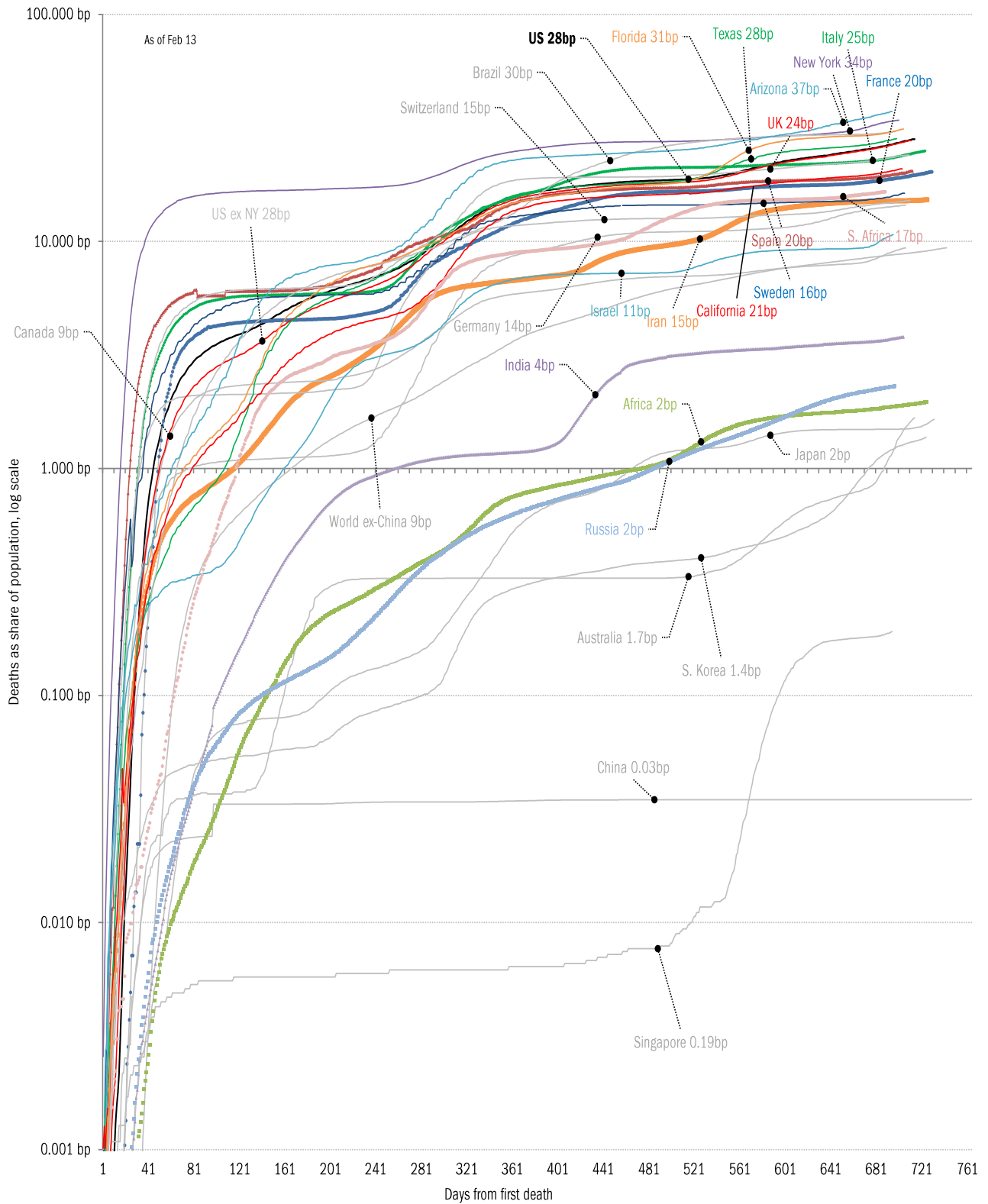
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

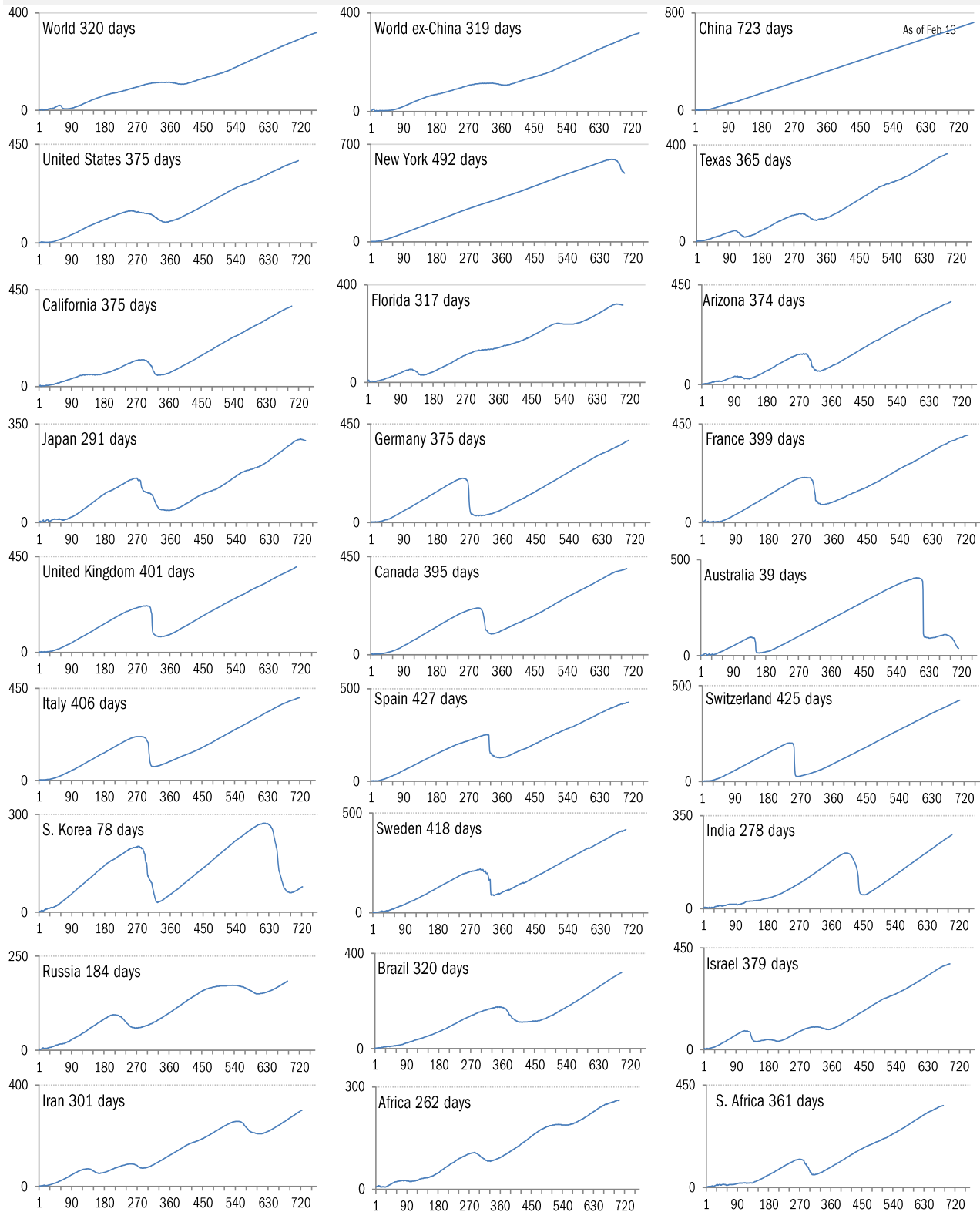


Source: [Johns Hopkins](#), TrendMacro calculations

"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

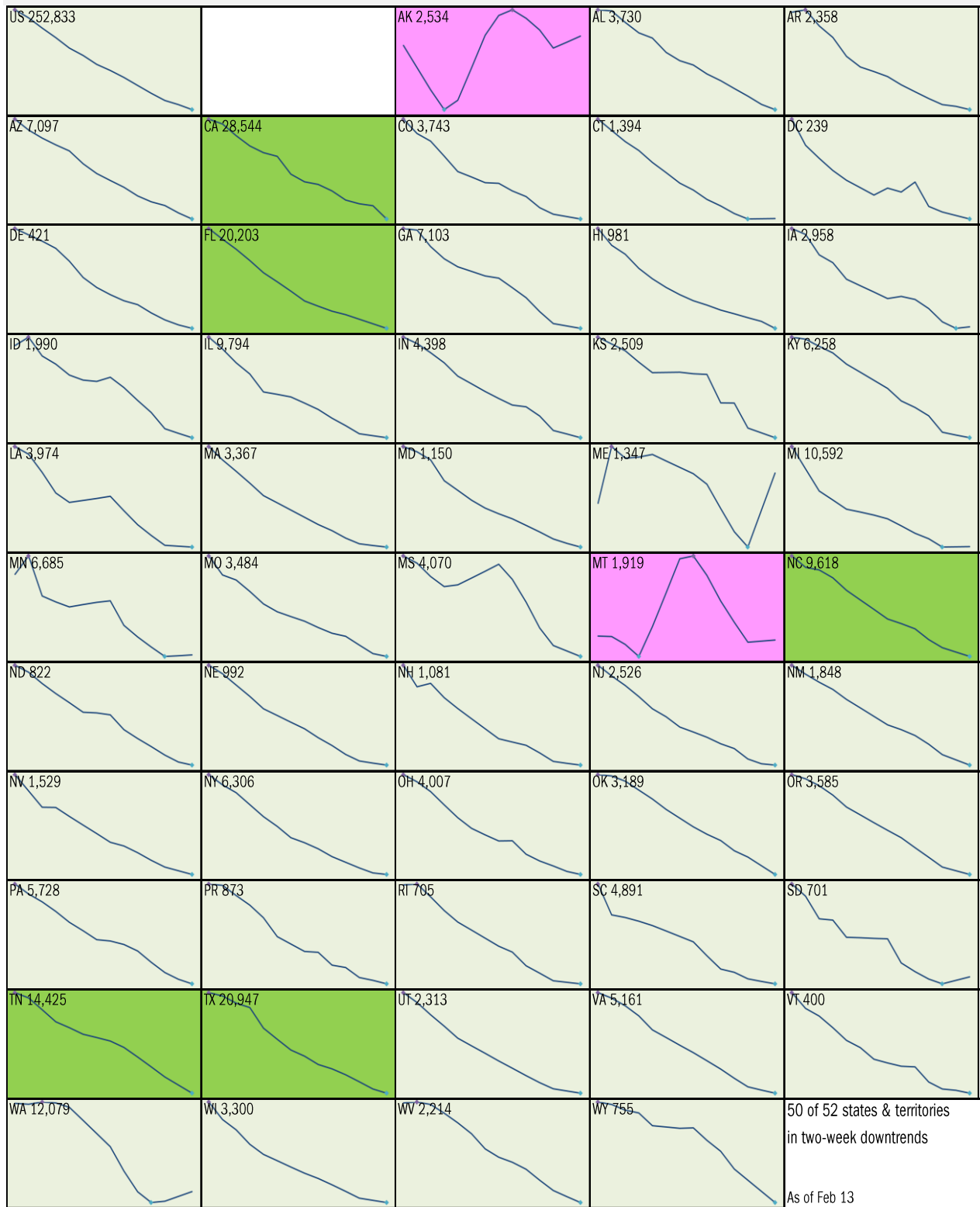


Source: [Johns Hopkins](#), TrendMacro calculations

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

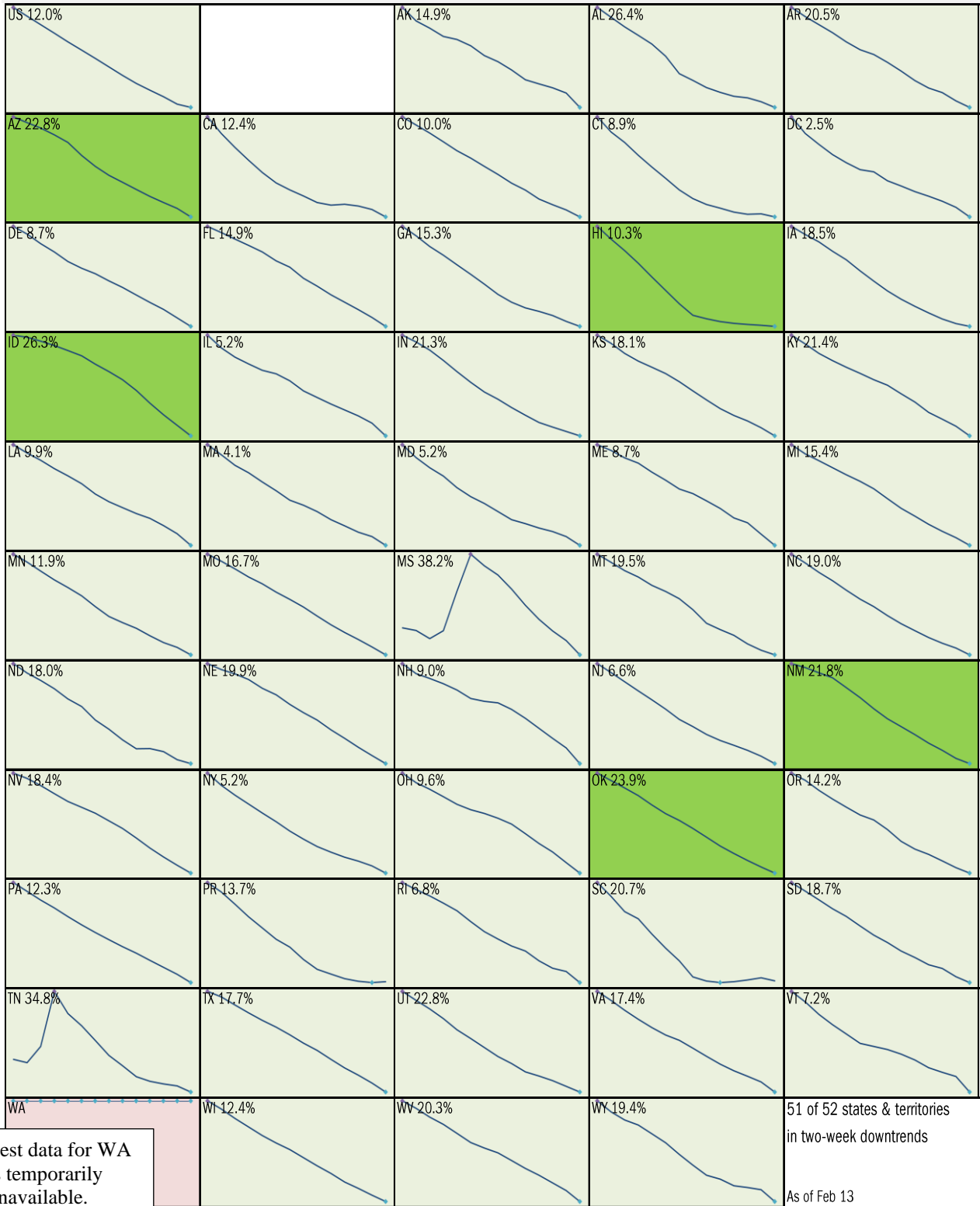


Source: [Johns Hopkins](#), TrendMacro calculations

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



51 of 52 states & territories in two-week downtrends

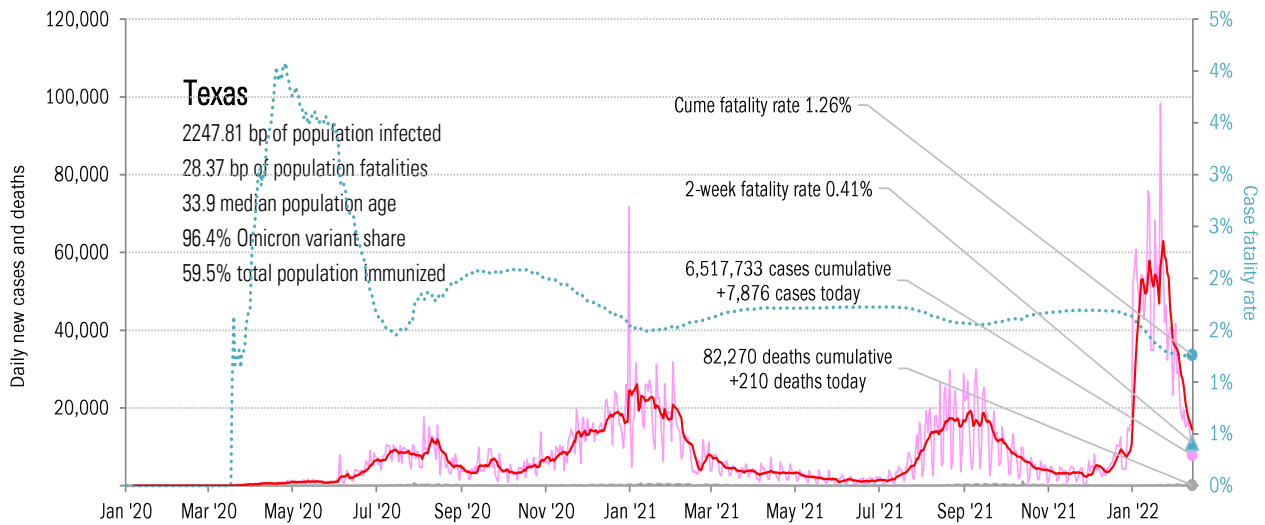
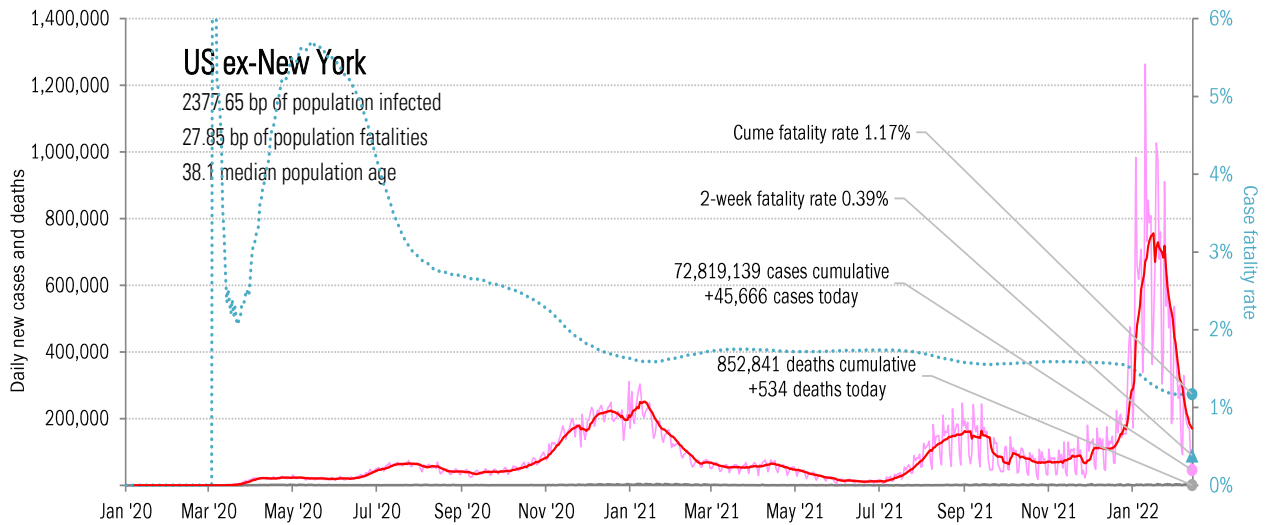
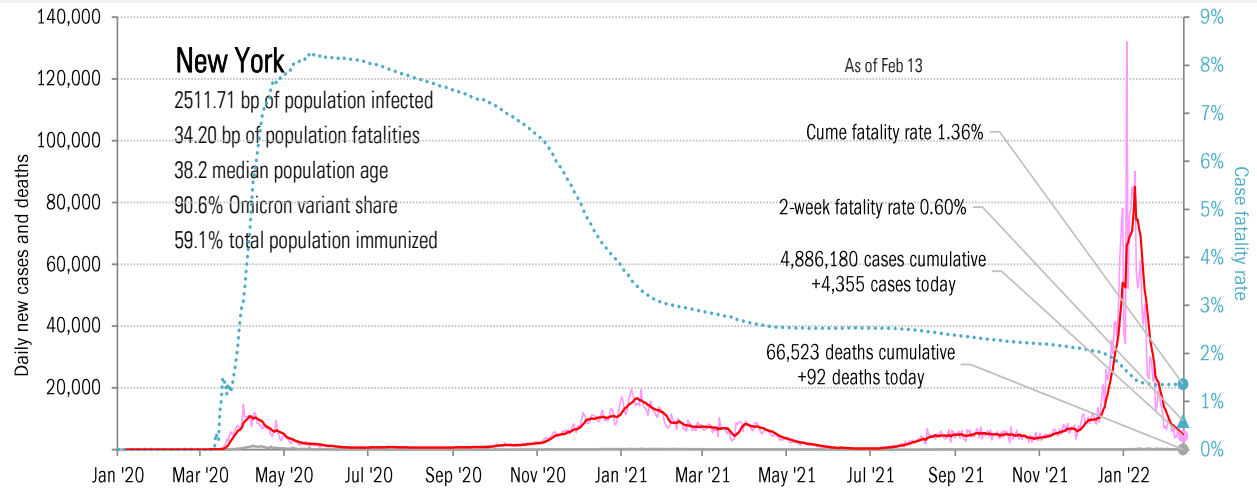
As of Feb 13

Test data for WA is temporarily unavailable.

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

From Ground Zero to the Rio Grande

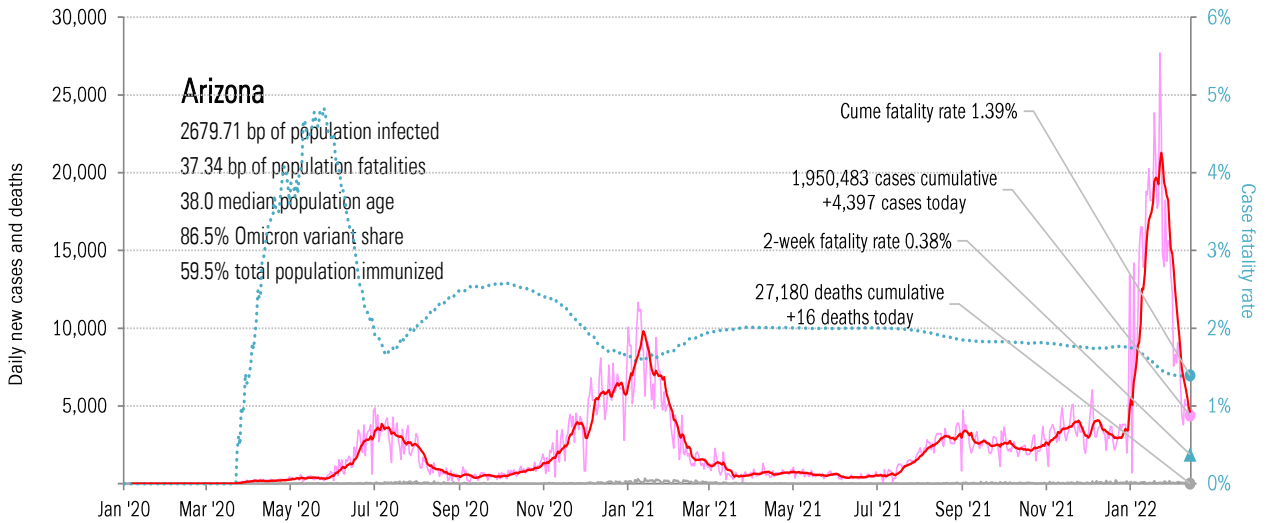
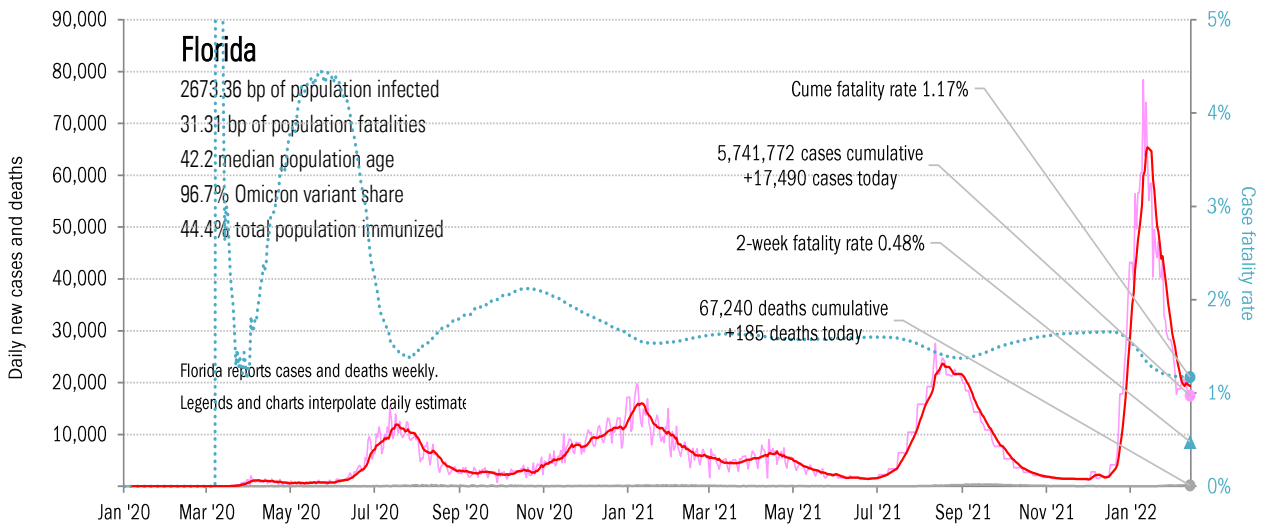
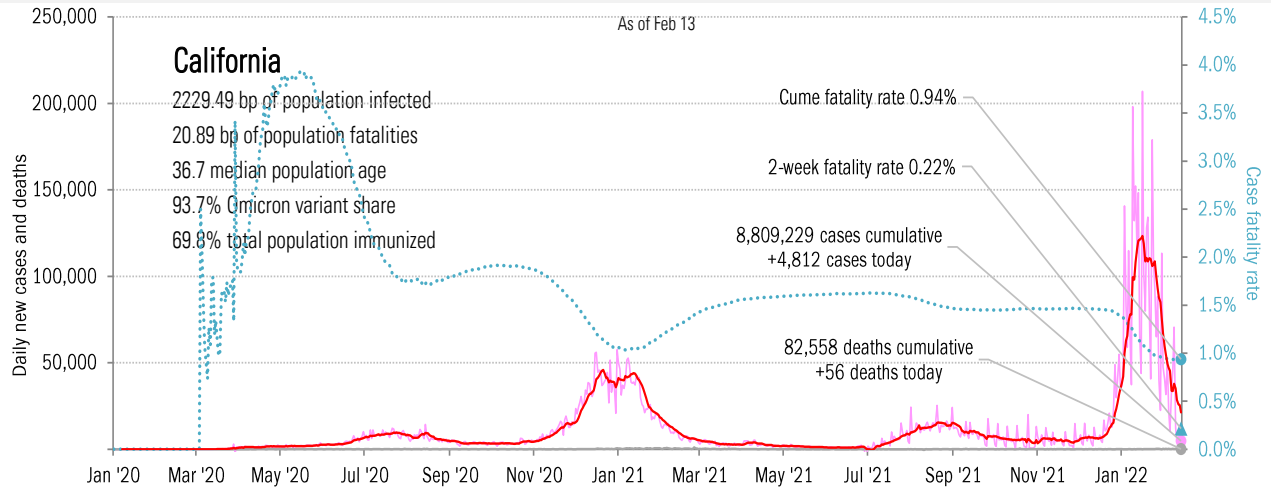
Cases: 7-day average and daily Deaths: Daily



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

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

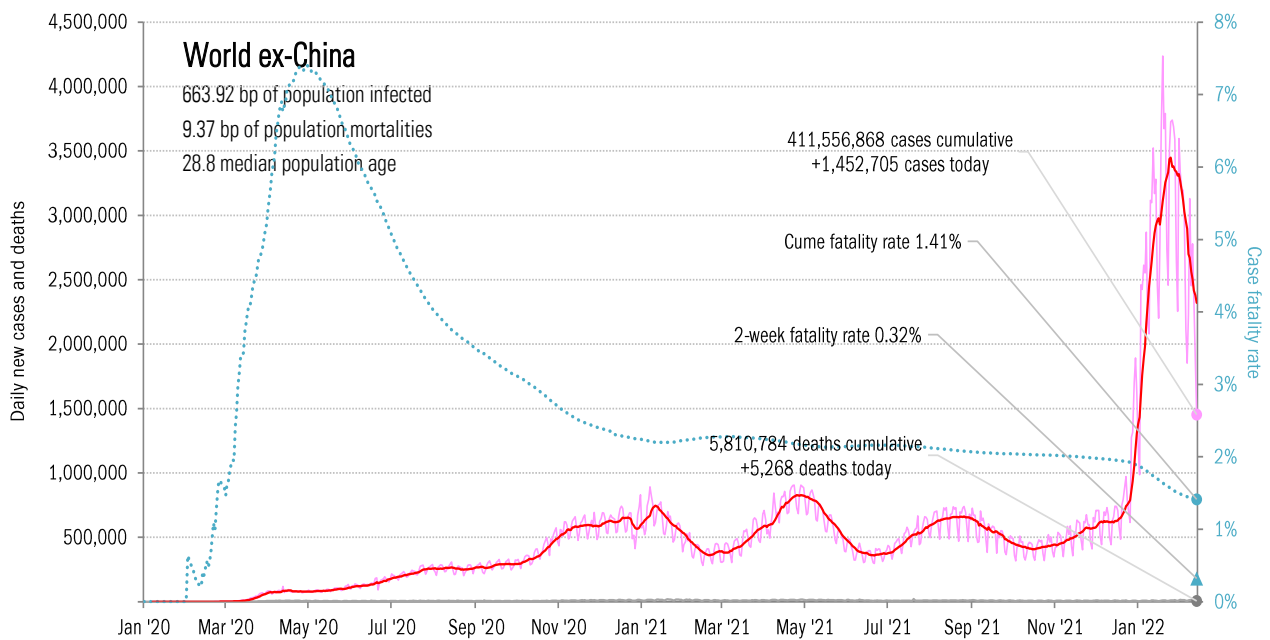
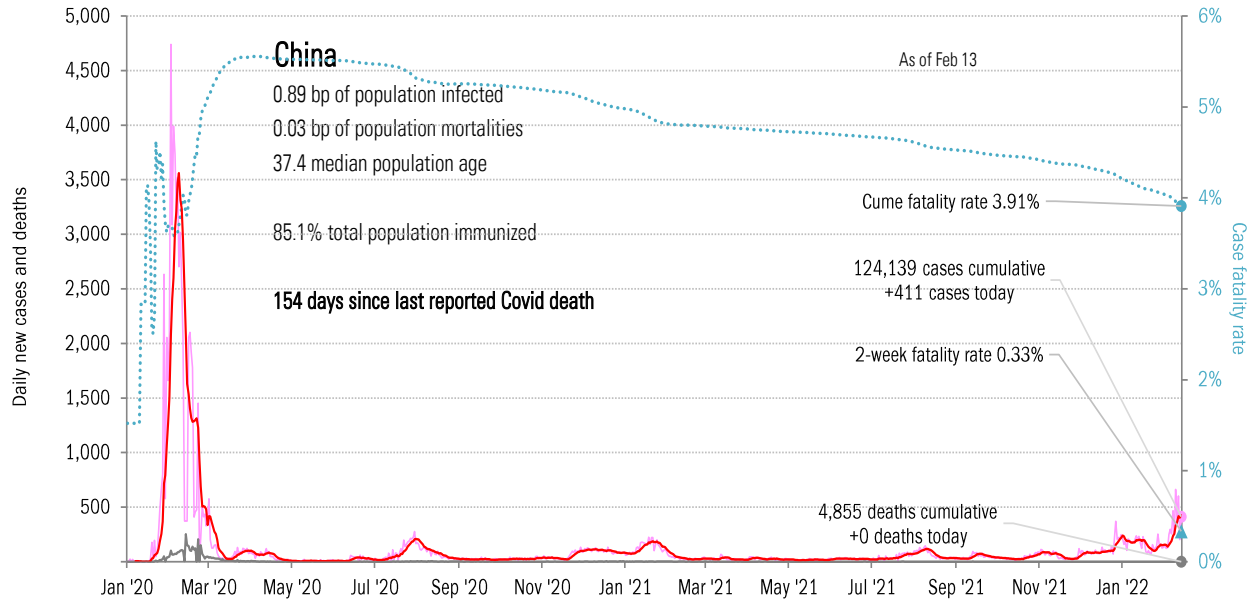
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

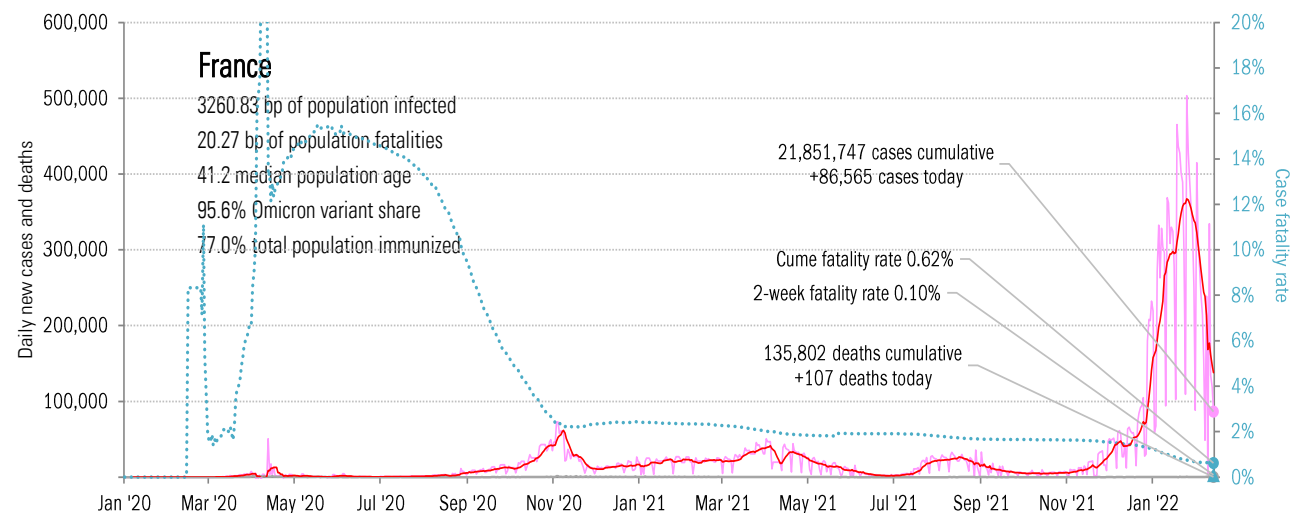
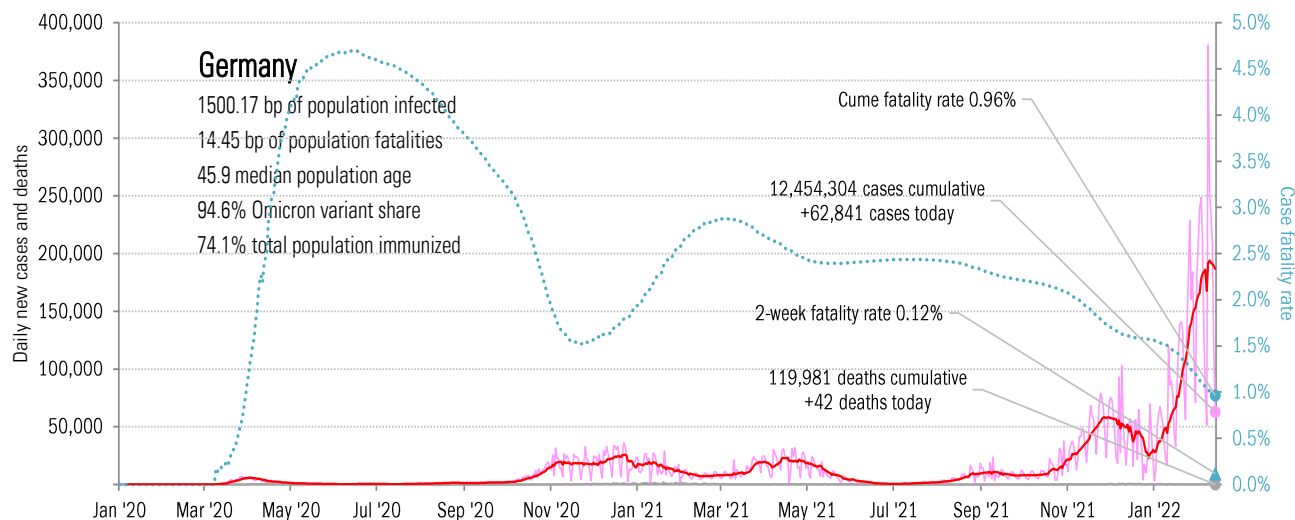
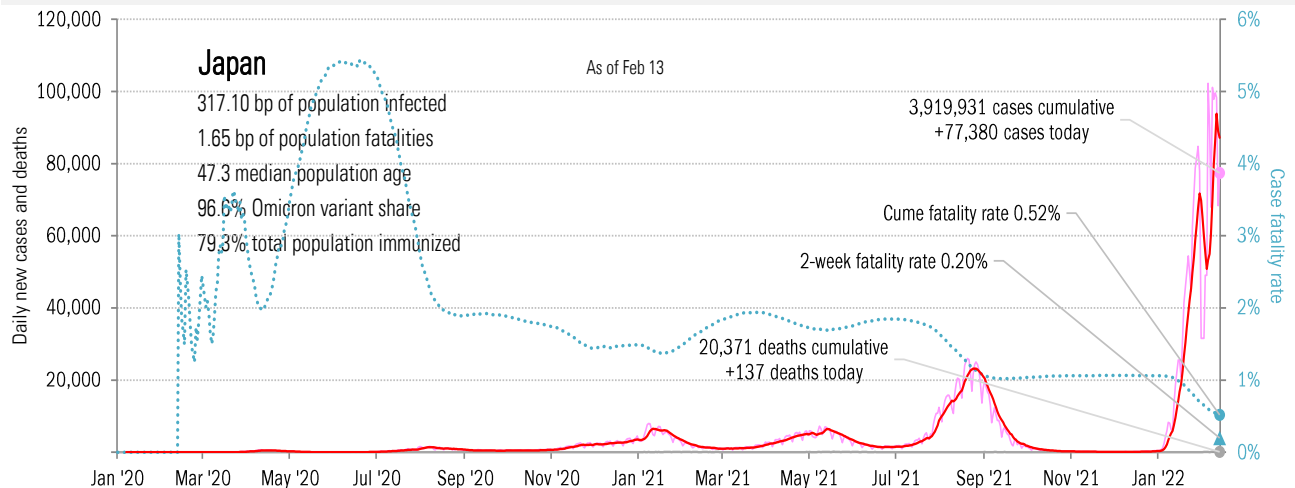
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

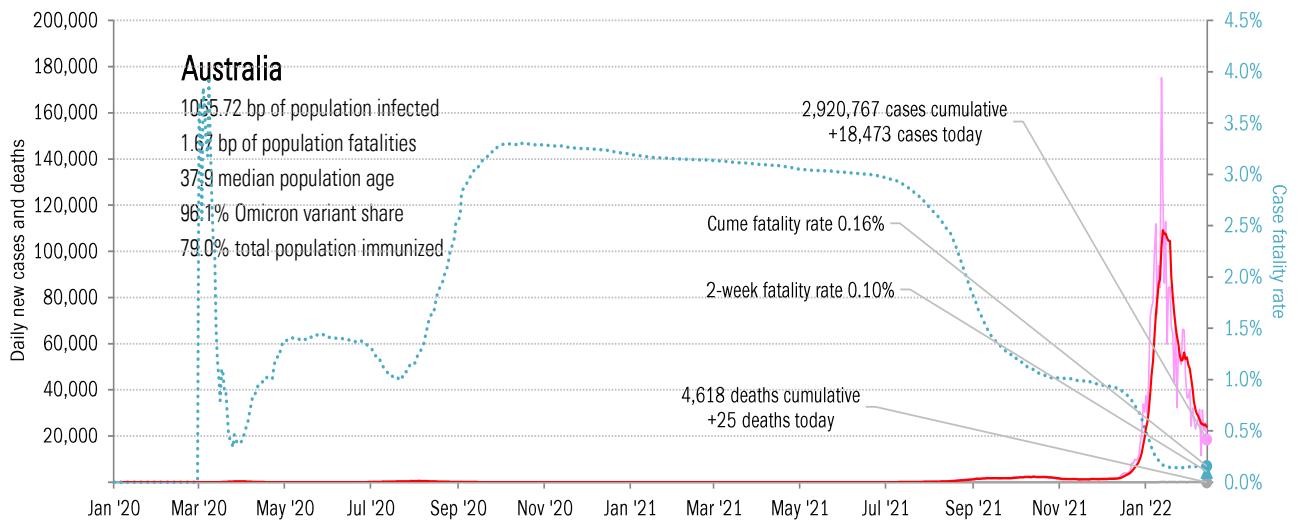
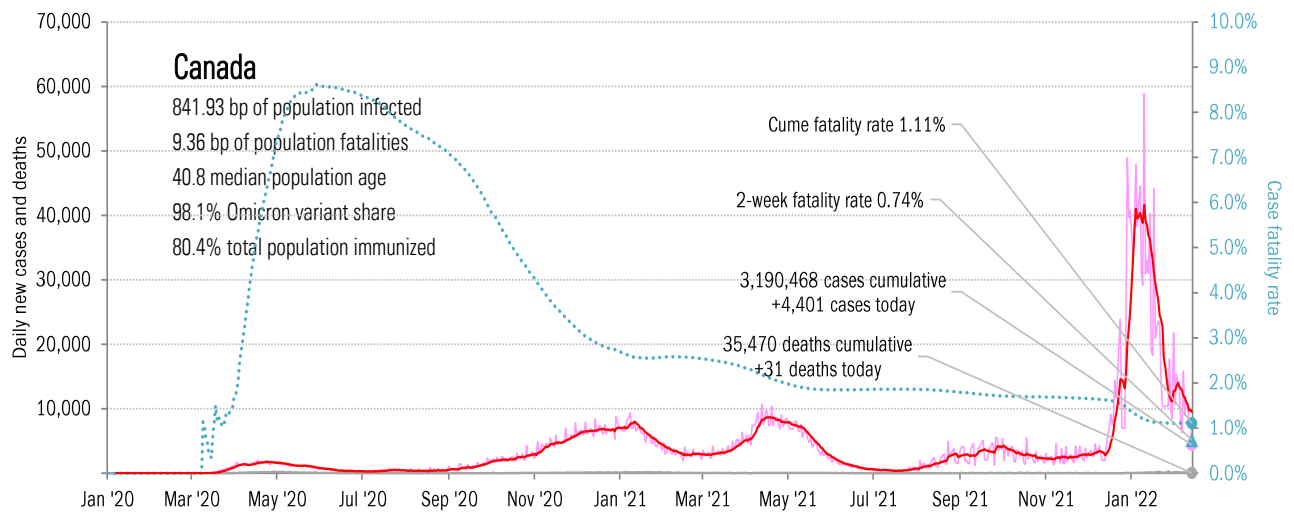
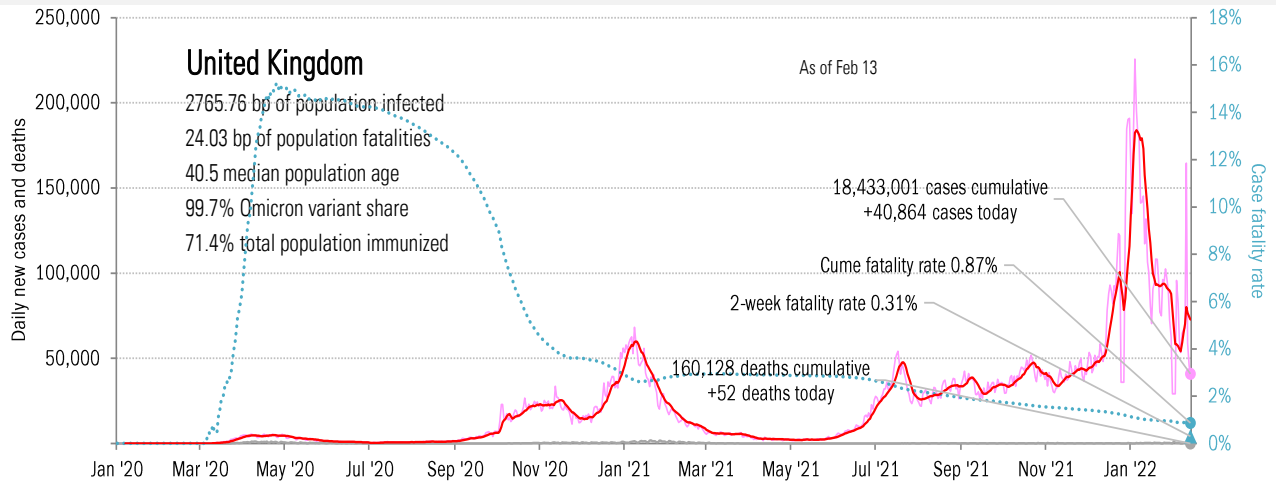
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

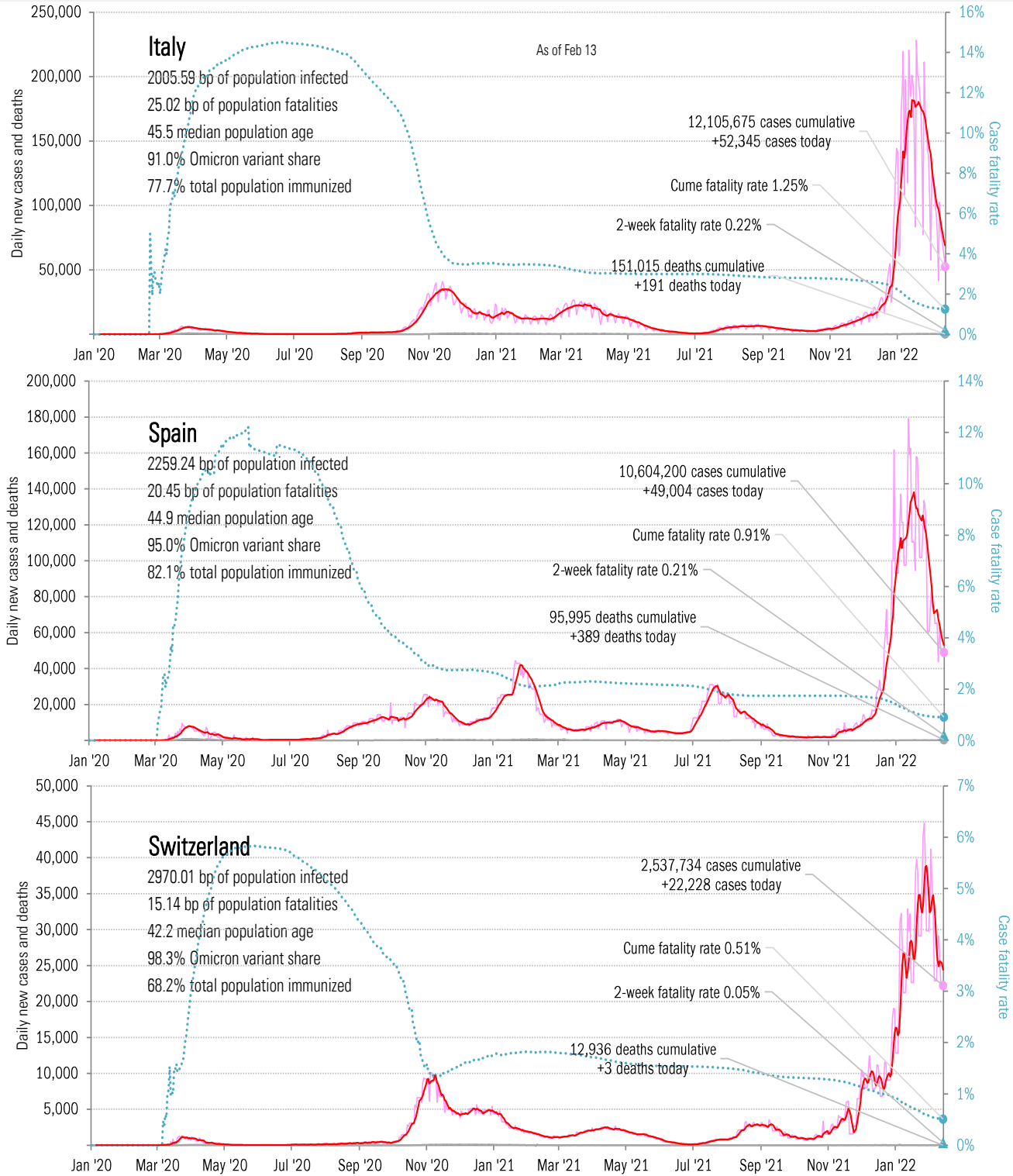
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

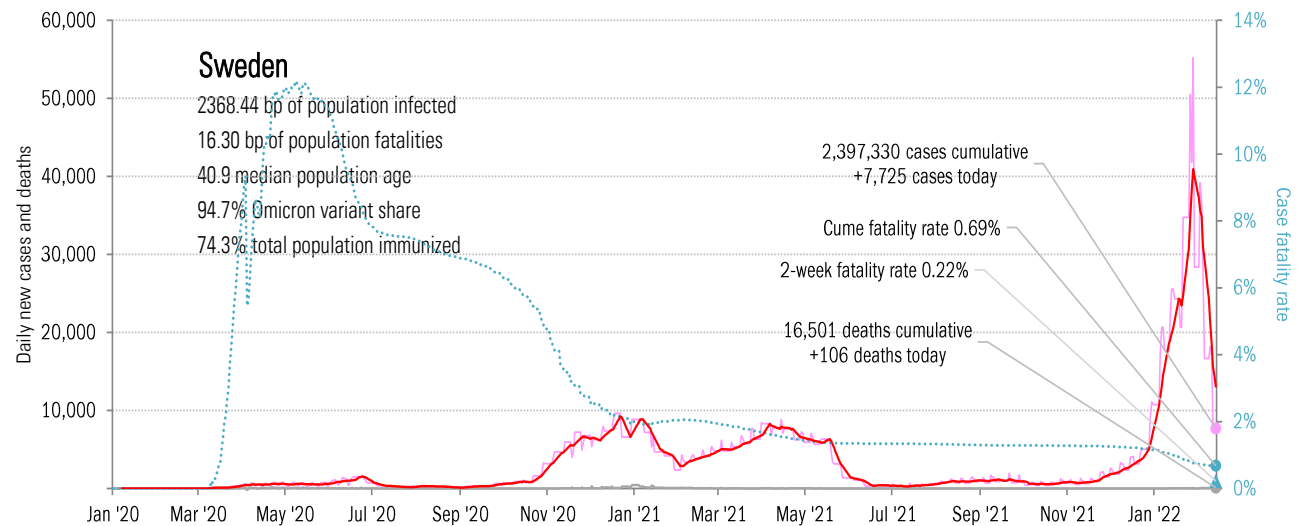
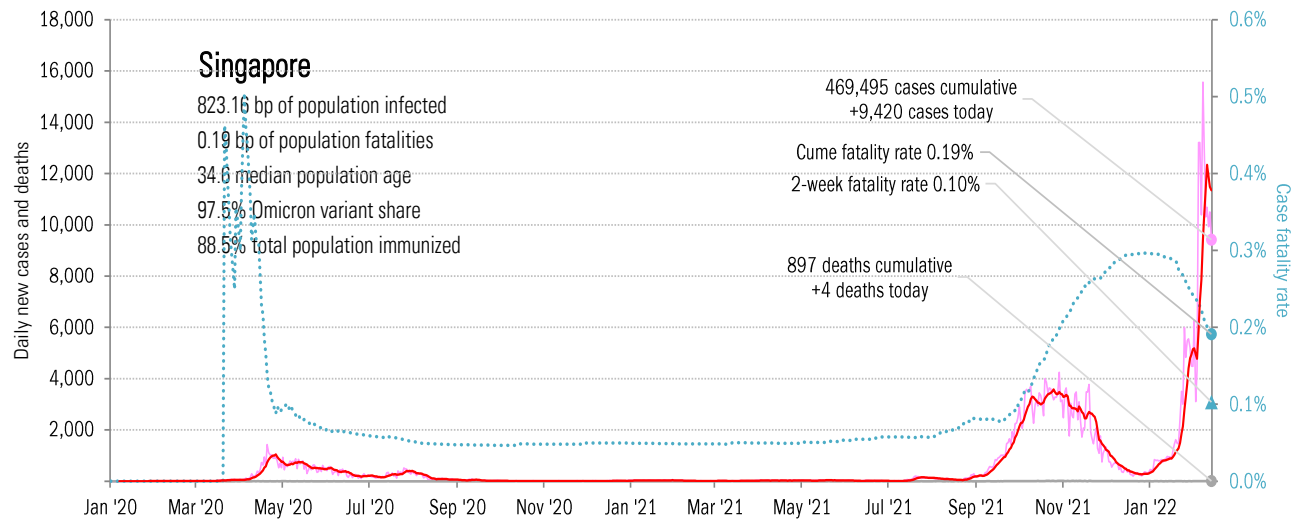
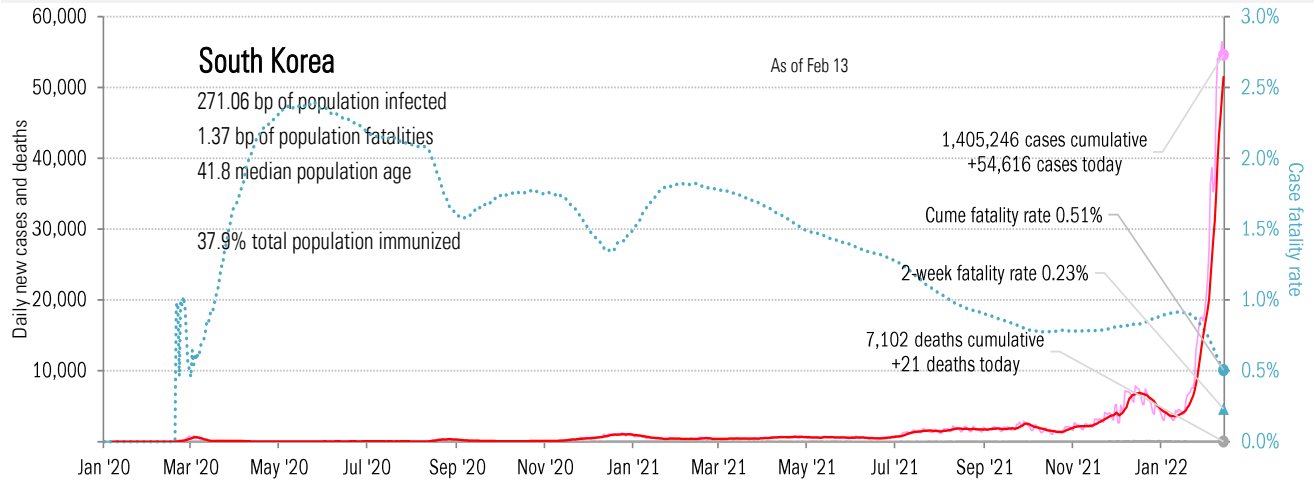
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

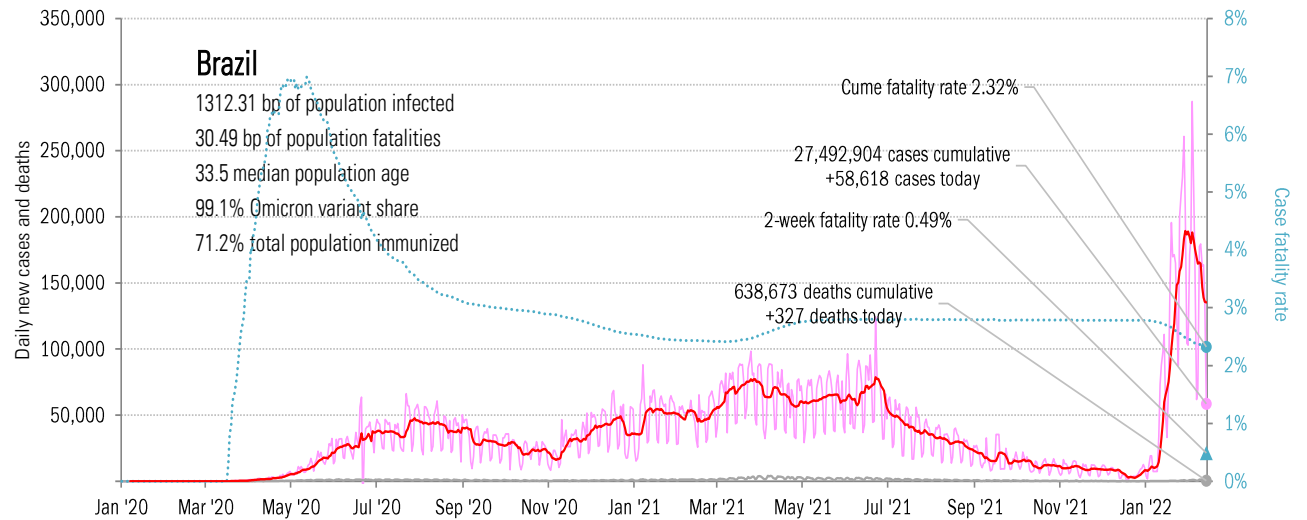
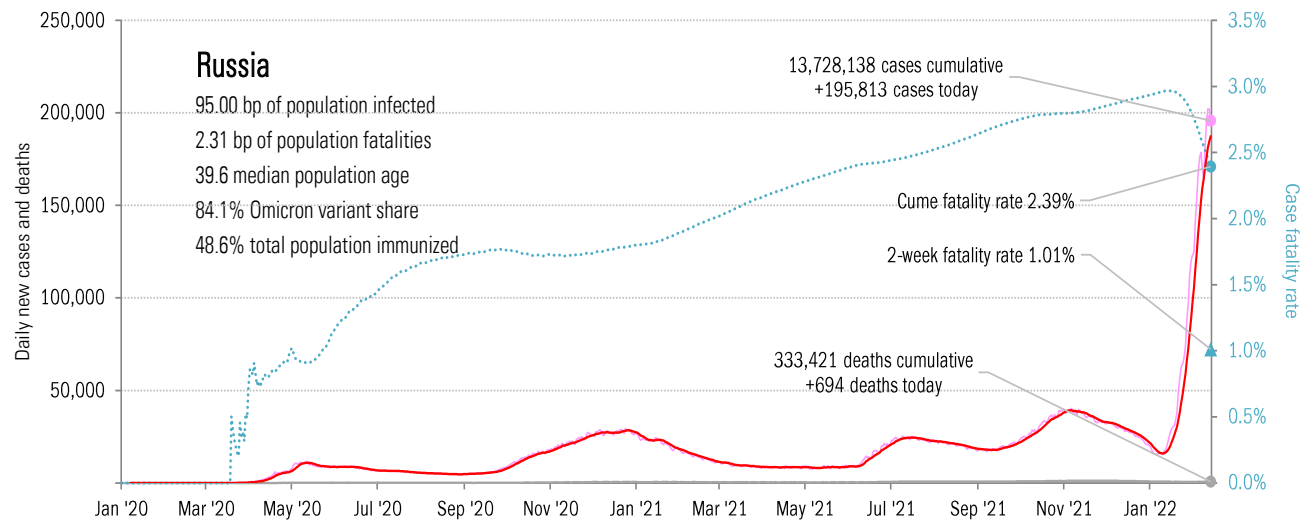
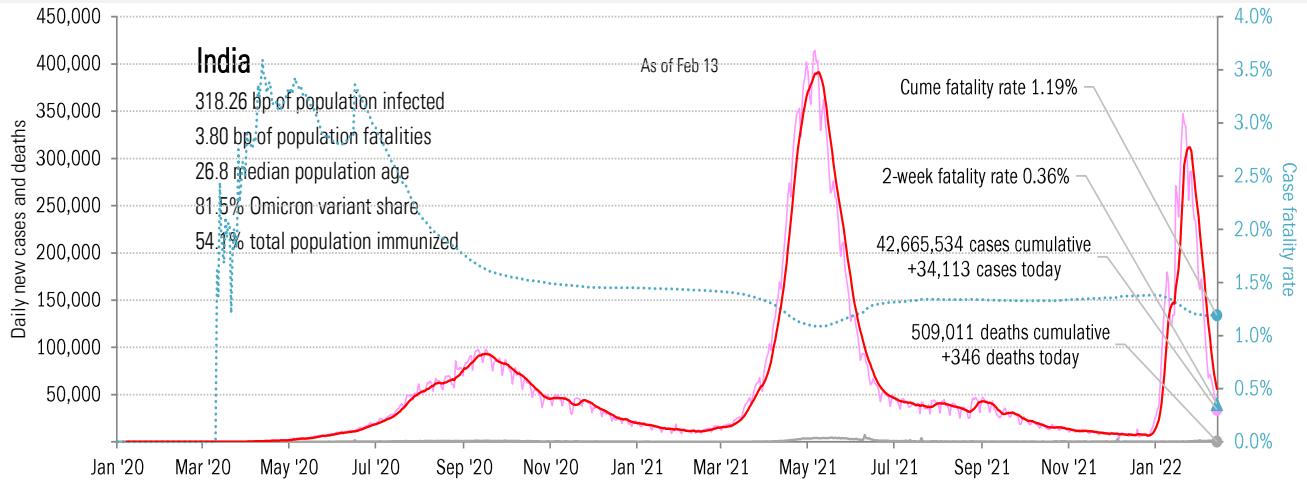
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

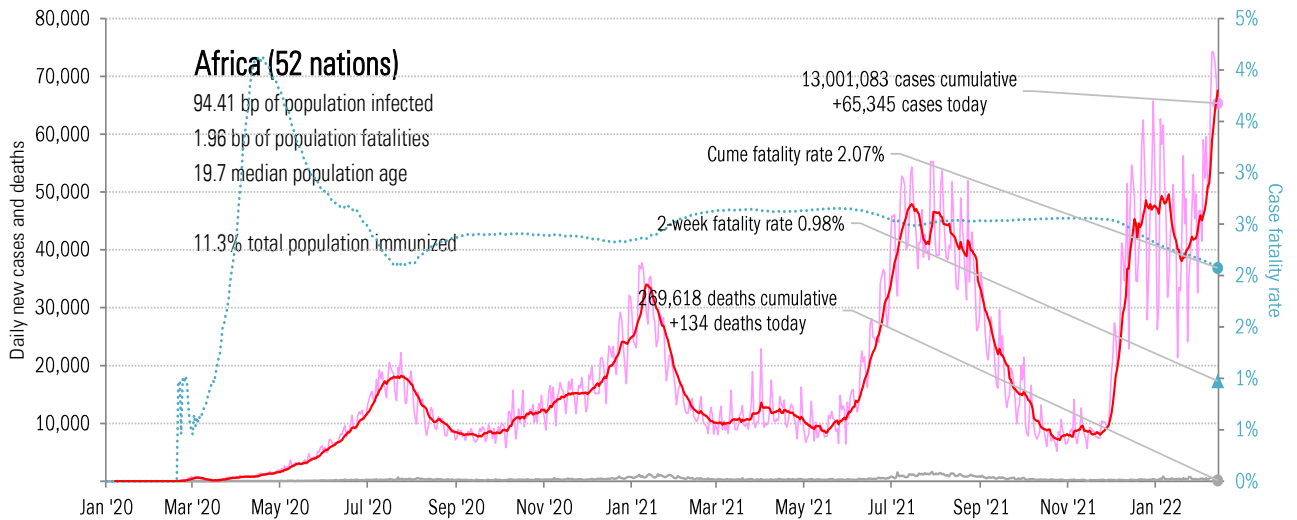
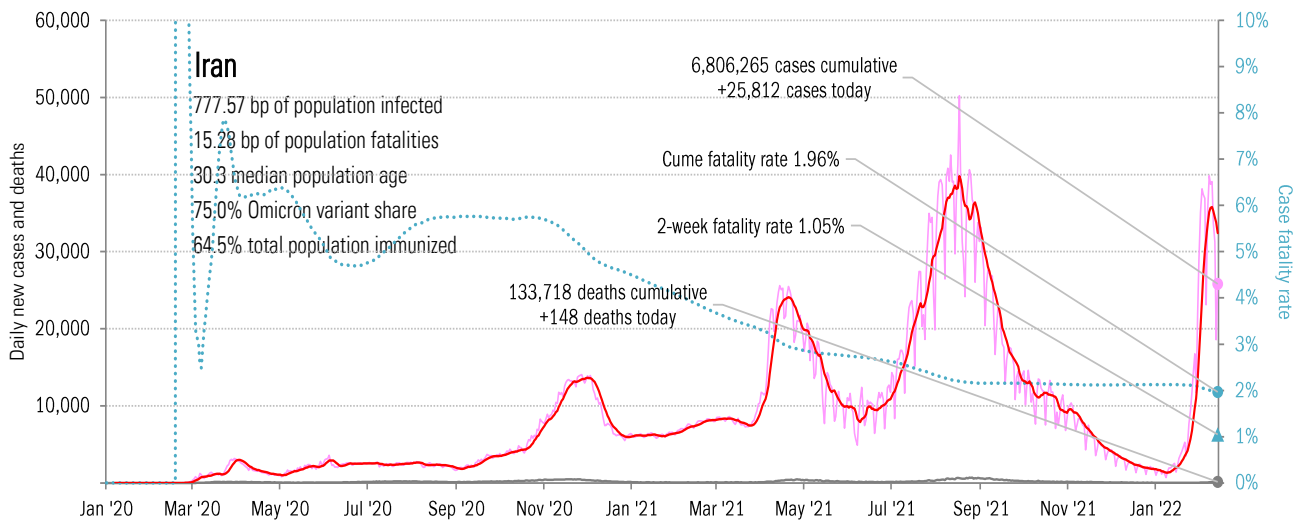
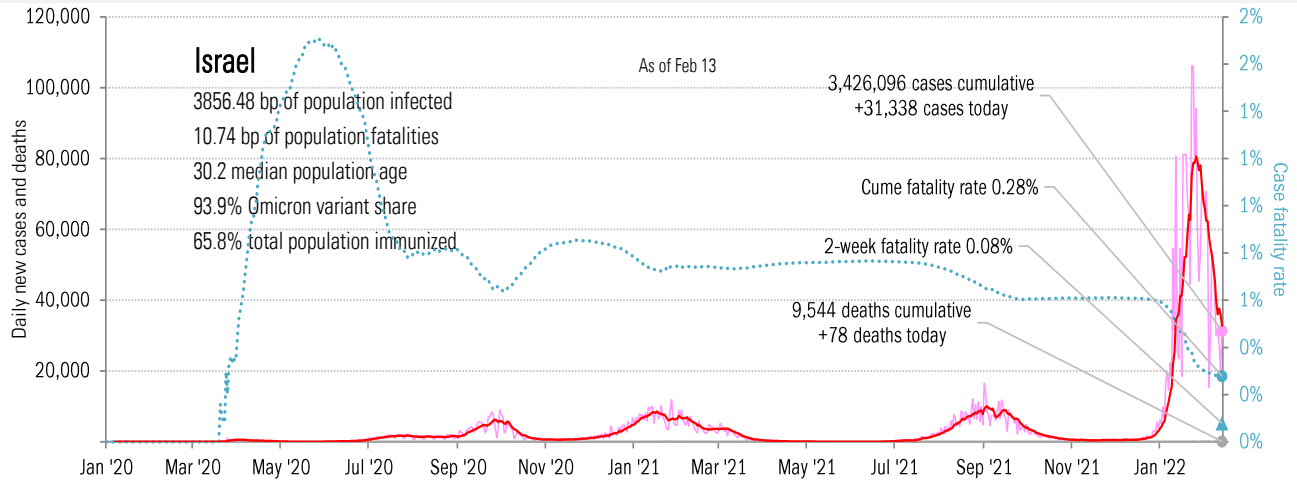
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

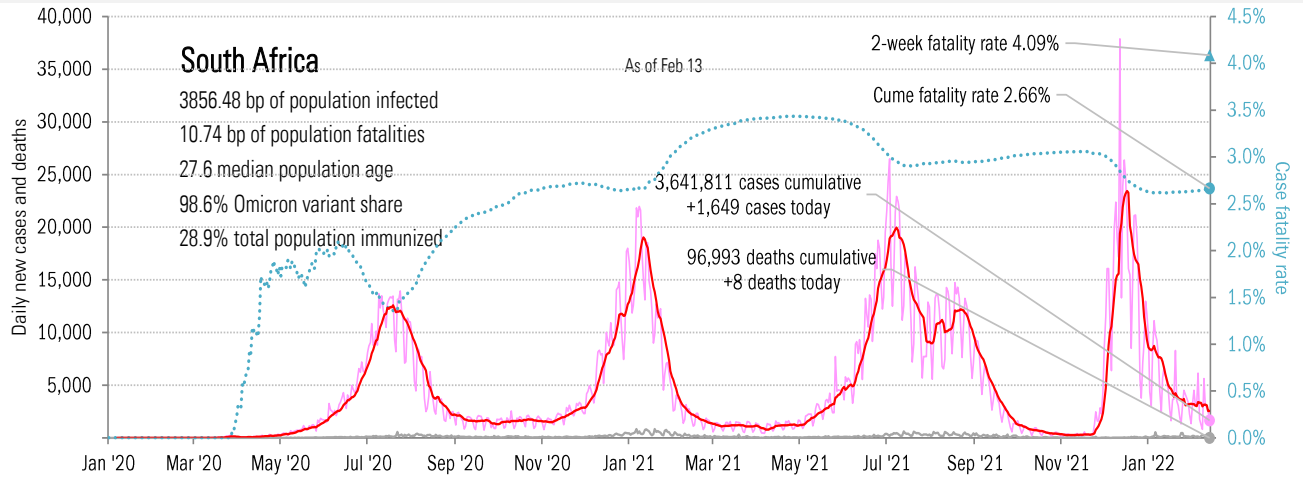
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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