

Data Insights: Covid-2019 Monitor

Monday, February 13, 2023

The global scorecard

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

The worst ten countries (see China note page 14)

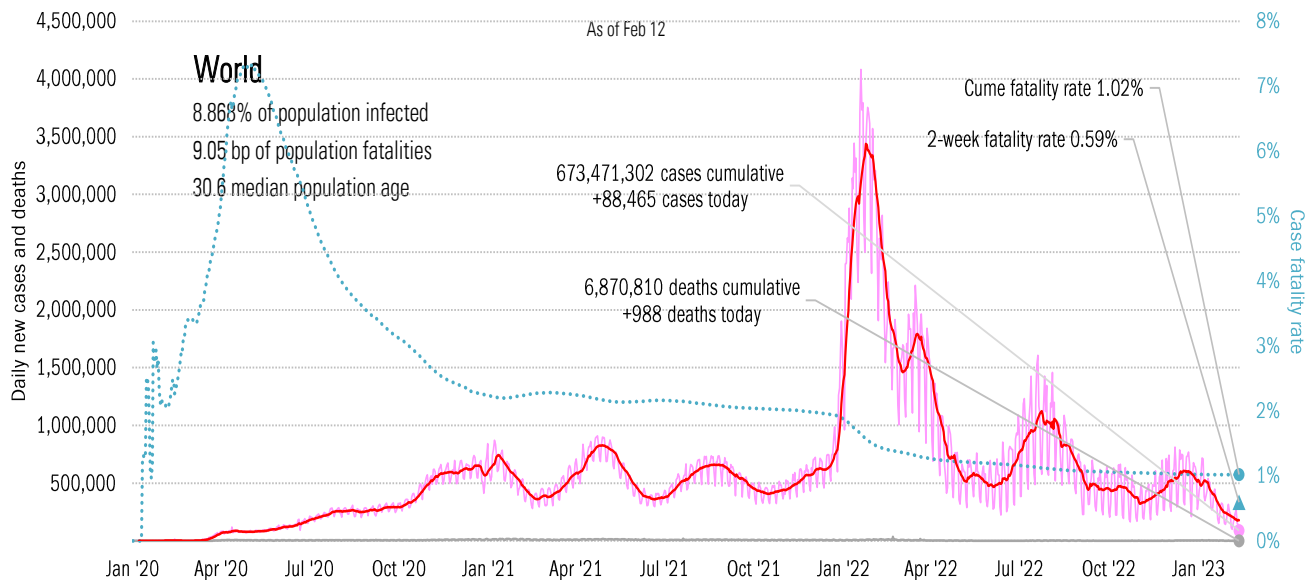
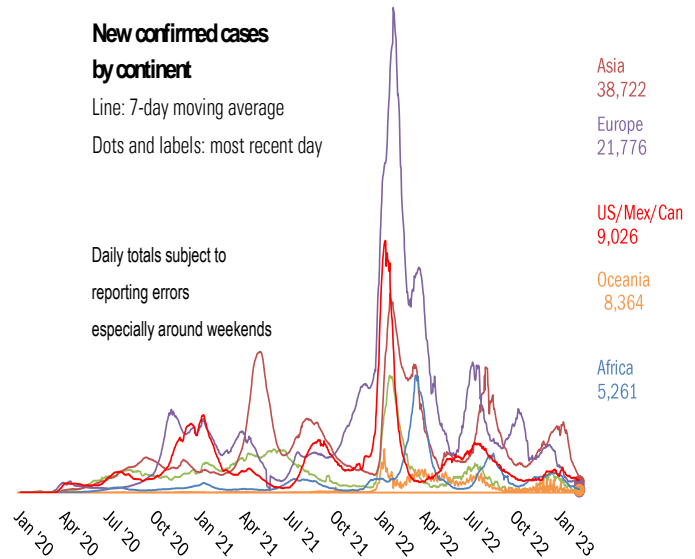
New cases		New Deaths	
United States	34,432	United States	474
Taiwan*	17,190	Japan	137
Japan	13,740	China	126
Germany	13,420	Germany	103
Russia	12,231	Taiwan*	57
New Zealand	8,364	United Kingdom	48
Austria	7,777	Brazil	42
China	5,373	Italy	40
Korea, South	5,174	Spain	38
Italy	4,414	Russia	30

New confirmed cases by continent

Line: 7-day moving average

Dots and labels: most recent day

Daily totals subject to reporting errors especially around weekends



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

For more information contact us:

Donald Luskin: 214 550 2020 don@trendmacro.com

Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

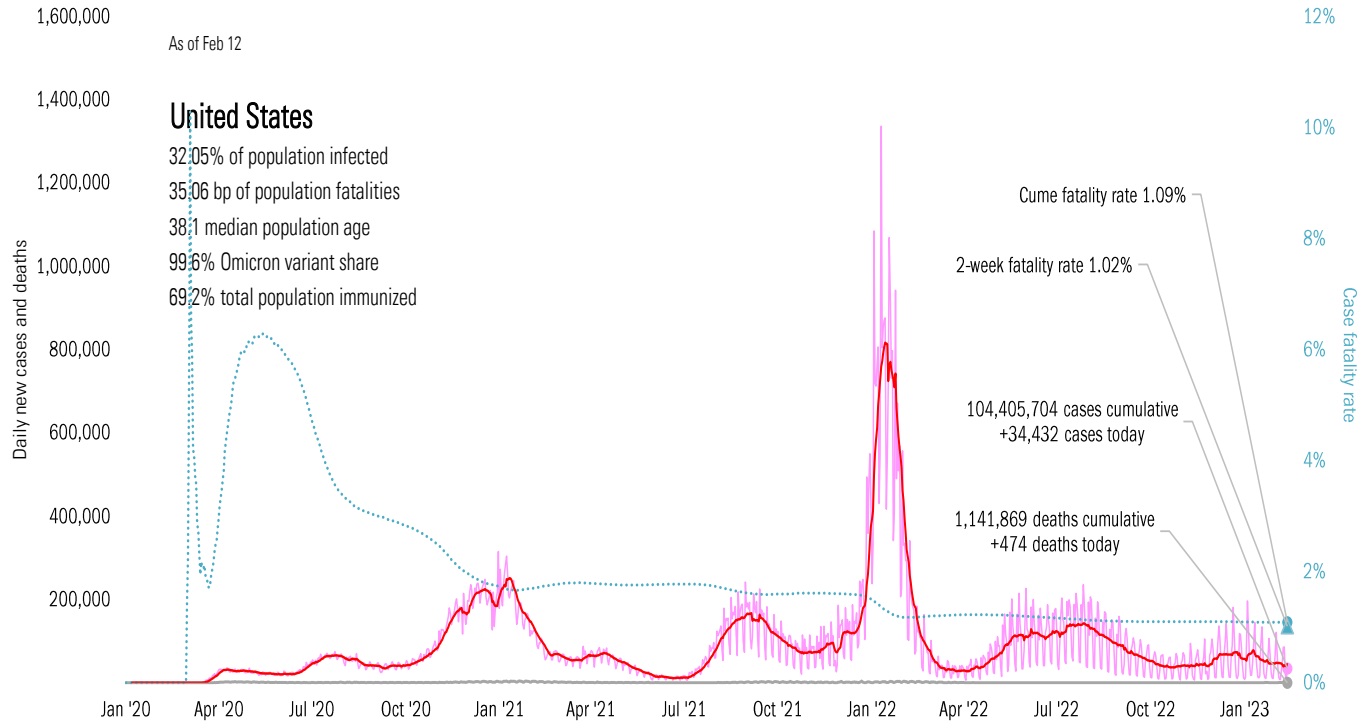
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	5,700		FL	49		CA	460		CA	12,031,907		CA	100,300		TX	585,663		DE	129%	DE	115%
CA	3,195		VA	39		TX	328		TX	8,399,403		TX	92,908		CA	562,770		RI	89%	TX	88%
NC	1,781		CO	32		PA	181		FL	7,483,857		FL	85,710		FL	530,020		MA	87%	AK	88%
PA	1,593		NY	32		IL	144		NY	6,746,006		NY	76,775		NY	351,489		MN	85%	AL	86%
NJ	1,521		SC	26		VA	116		IL	4,040,139		PA	49,921		CH	242,543		WA	84%	RI	86%
IL	1,462		NC	19		MI	102		PA	3,490,499		GA	42,161		GA	240,816		MD	84%	MS	84%
AL	1,403		MA	19		NJ	169		NC	3,438,259		MI	41,809		PA	228,667		MO	84%	AR	83%
CH	1,262		PA	19		AL	71		CH	3,364,860		CH	41,535		IL	211,983		DC	84%	NC	83%
NY	1,083		MI	17		MD	69		GA	3,042,823		IL	41,261		MI	179,639		AK	82%	GA	82%
LA	996		TN	16		KY	69		MI	3,036,304		NJ	35,866		NJ	161,788		CA	82%	MA	82%
19,997			267			1,709			55,074,057			608,246			3,295,378						
All states	34,432			474			3,826		All states	104,405,704			1,141,869			5,971,468		All states	70%		67%
Top ten	58%			56%			45%		Top ten	54%			55%			55%		Median	78%		76%

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
NY	-269	AR	-2	KS	-22
AR	-11	CA	-1	NY	-17
AK	0	DC	0	DE	-10
AL	0	MT	0	LA	-10
AZ	0	AK	0	ND	-5

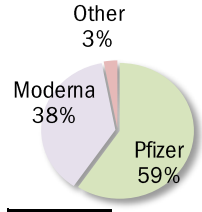


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	687,056,320		+0.220 million		US	69.2%	81.0%	
			Of which boosters: +0.157 million		UK	75.2%	79.7%	
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%	80.6%
Total population	277,638,793	83%	236,656,371	71%	+0.030 million	Spain	85.6%	86.9%
Age 12 to 17	18,464,819	73%	15,803,584	62%	+0.002 million	Germany	76.2%	77.8%
Age 18 to 64	184,583,588	91%	156,864,729	77%	+0.016 million	Italy	81.3%	86.2%
Age 65 and over	61,066,754	100%	53,495,666	98%	+0.005 million	Australia	82.7%	85.0%
						Israel	65.2%	71.1%
						Canada	82.6%	90.4%
						Japan	83.3%	84.4%
						Africa	28.2%	34.2%
						India	67.2%	72.5%
						Brazil	81.6%	87.8%
						China	89.5%	91.9%



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

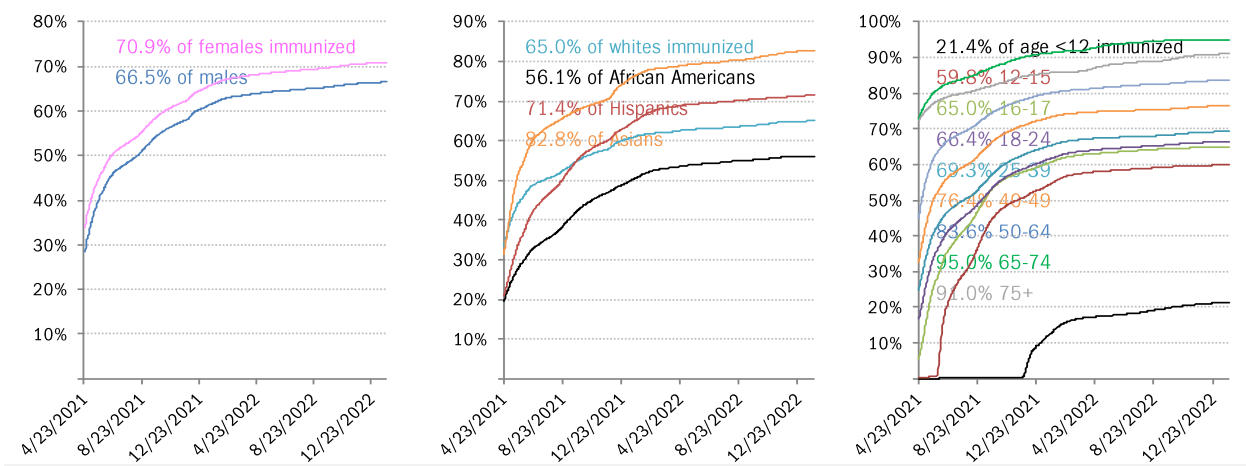
"Immunity" = two doses

Global data differs due to sources, timing

AK	WI	ME								
73.0%	75.1%	95.0%								
65.1%	68.2%	83.3%								
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.2%	63.9%	68.2%	69.3%	78.8%	79.1%	69.4%	94.4%	95.0%	88.1%	
76.0%	56.4%	59.1%	58.6%	72.1%	71.3%	62.3%	80.8%	85.6%	71.9%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.6%	77.6%	60.8%	83.8%	70.6%	64.4%	65.7%	90.5%	94.6%	95.0%	
72.4%	63.7%	53.0%	66.2%	64.3%	57.7%	60.4%	73.3%	79.1%	84.2%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.7%	75.3%	83.6%	73.4%	69.3%	68.8%	67.5%	91.0%	91.7%	95.0%	95.0%
74.6%	66.7%	73.5%	66.2%	59.0%	59.6%	59.7%	76.6%	79.7%	83.0%	87.7%
AZ	NM	KS	AR	TN	NC	SC	DC	DE		
77.5%	94.4%	76.2%	69.9%	64.4%	92.2%	71.0%	95.0%	88.2%		
66.0%	75.2%	65.3%	56.8%	56.2%	67.1%	59.9%	90.3%	73.3%		
OK	LA	MS	AL	GA						
74.6%	62.8%	61.6%	65.0%	68.4%						
60.4%	55.0%	53.7%	53.1%	57.3%						
TX	FL	PR								
76.4%	82.4%	90.9%								
63.2%	69.4%	84.0%								
HI										
91.4%										
81.5%										

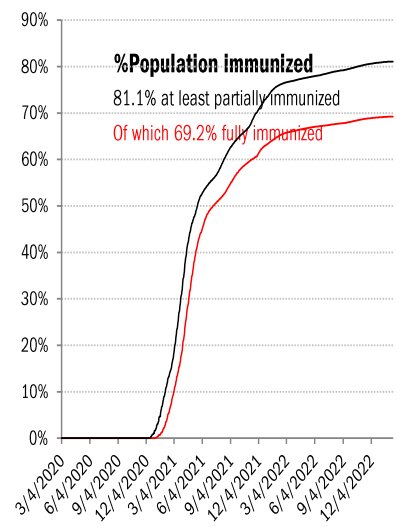
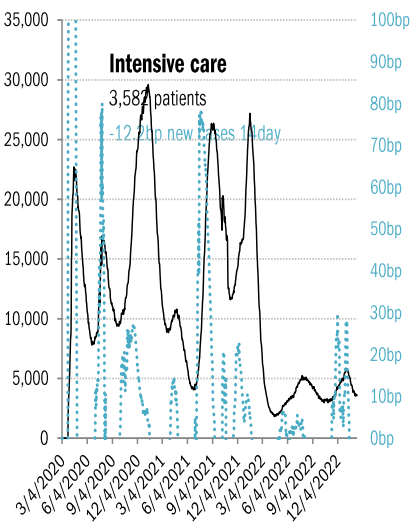
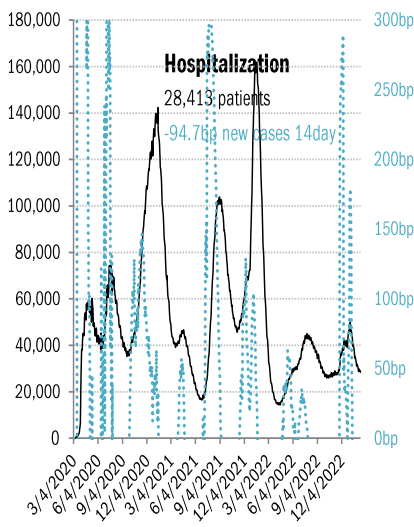
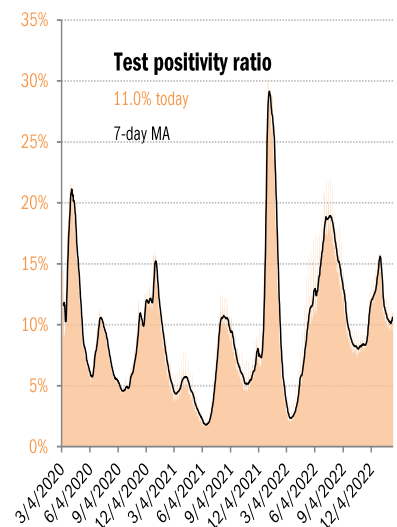
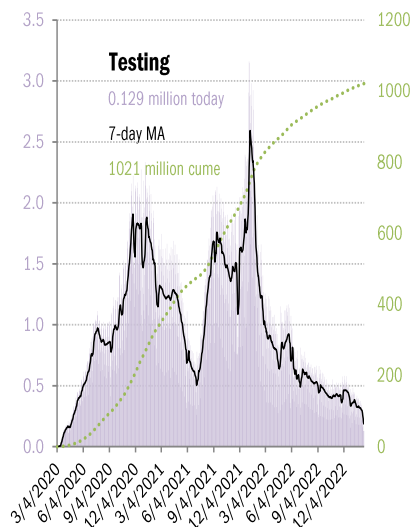
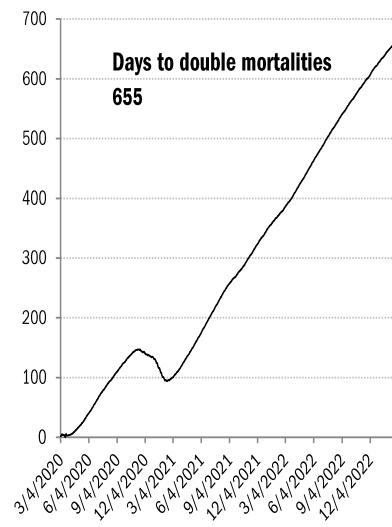
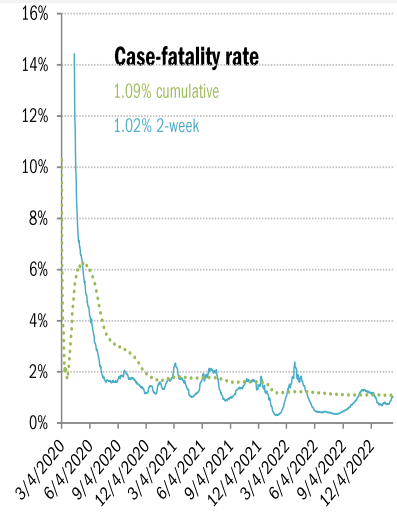
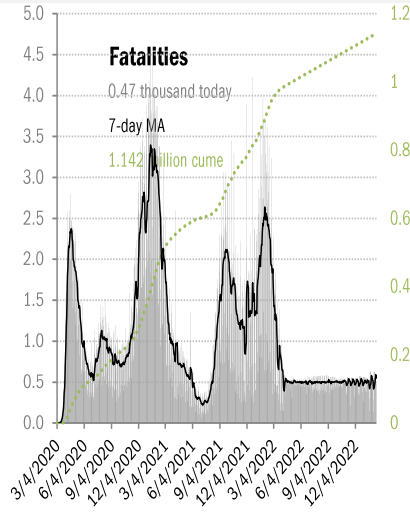
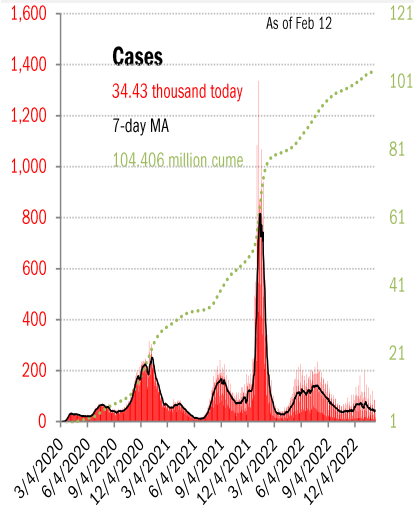
As of Feb 10

The demographics of US vaccination

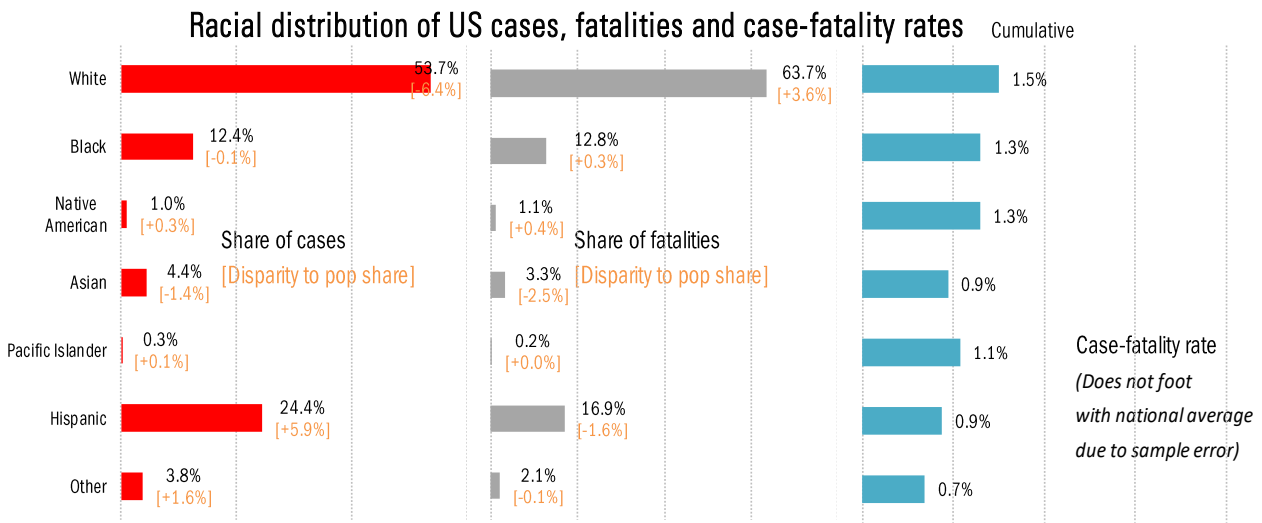
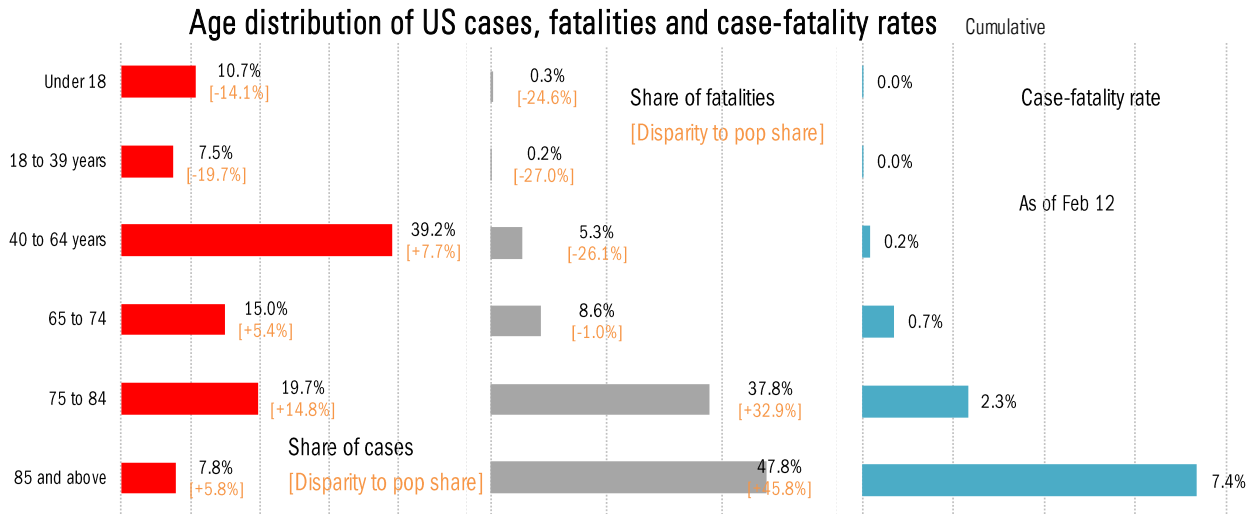


Source: CDC, CDC, Our World in Data, TrendMacro calculations

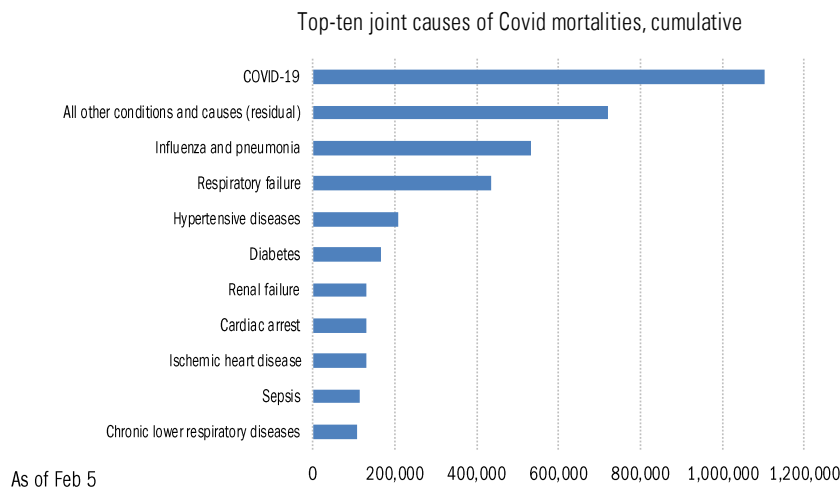
US deep-dive



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



Comorbidities



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.

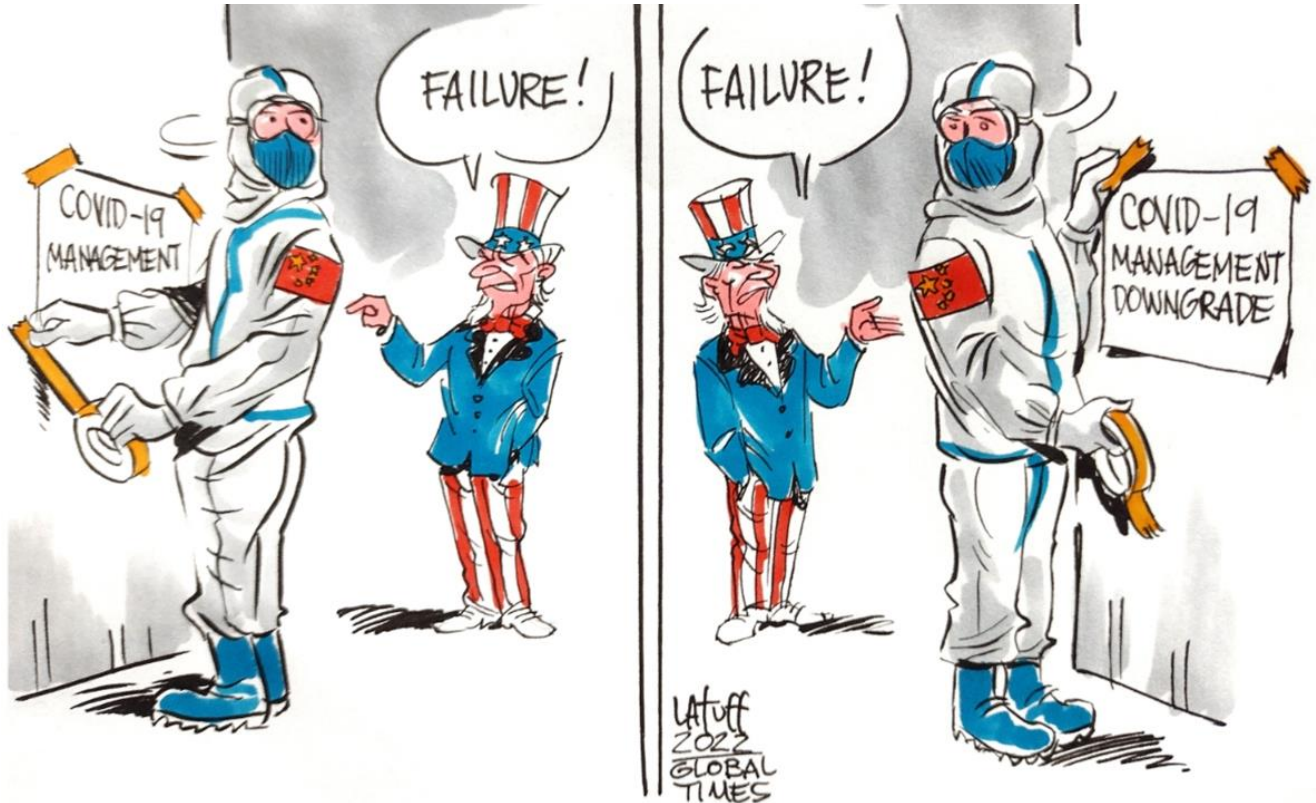
Source: Distributions [CDC](#), Comorbidities [CDC](#), TrendMacro calculations

Recommended reading

[Hogs are running wild in the U.S.—and spreading disease](#)

Jason Bittel
National Geographic
February 1, 2023

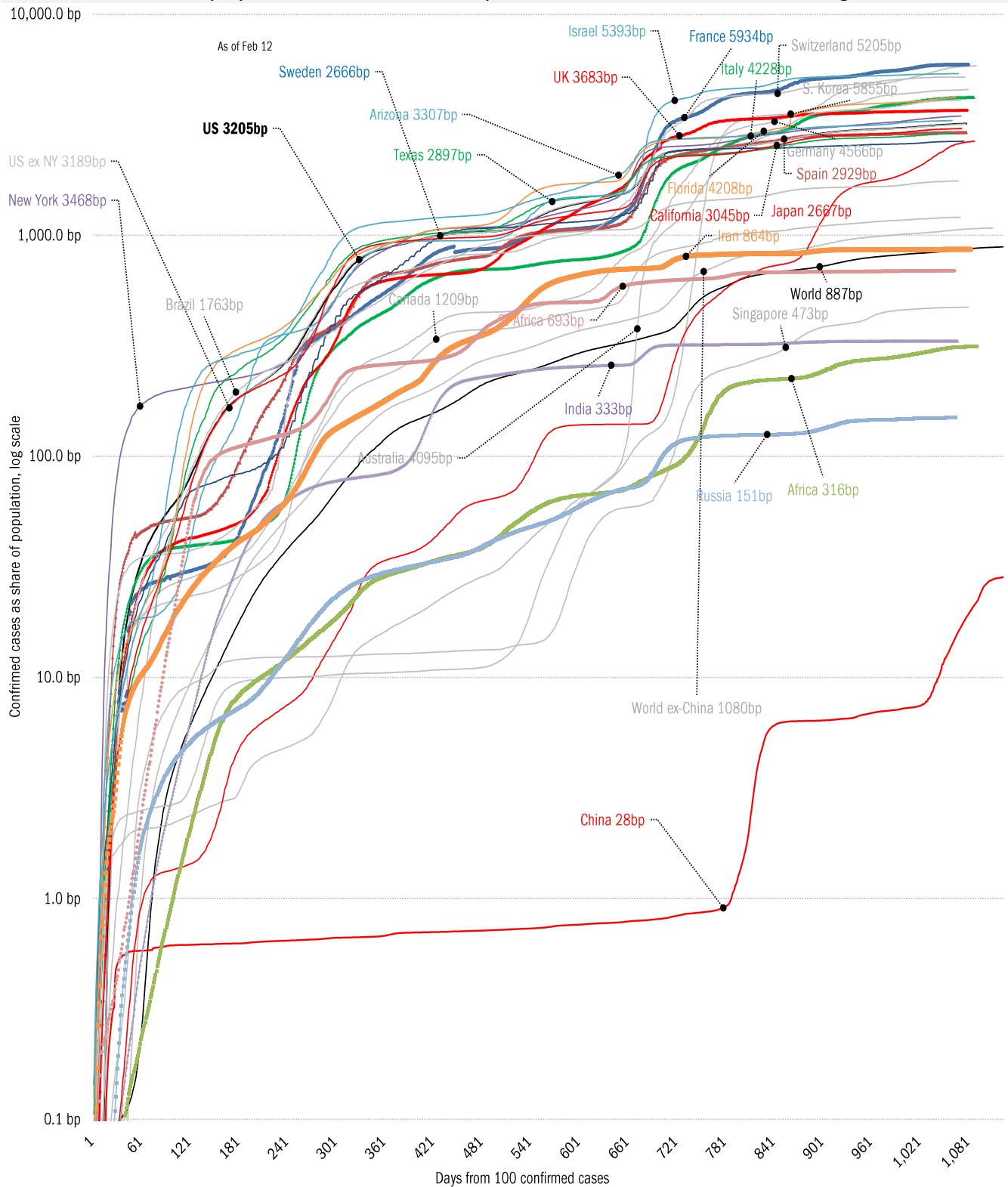
Meme of the Day



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

The global coronavirus case accelerometer... tracking the world's infection curves

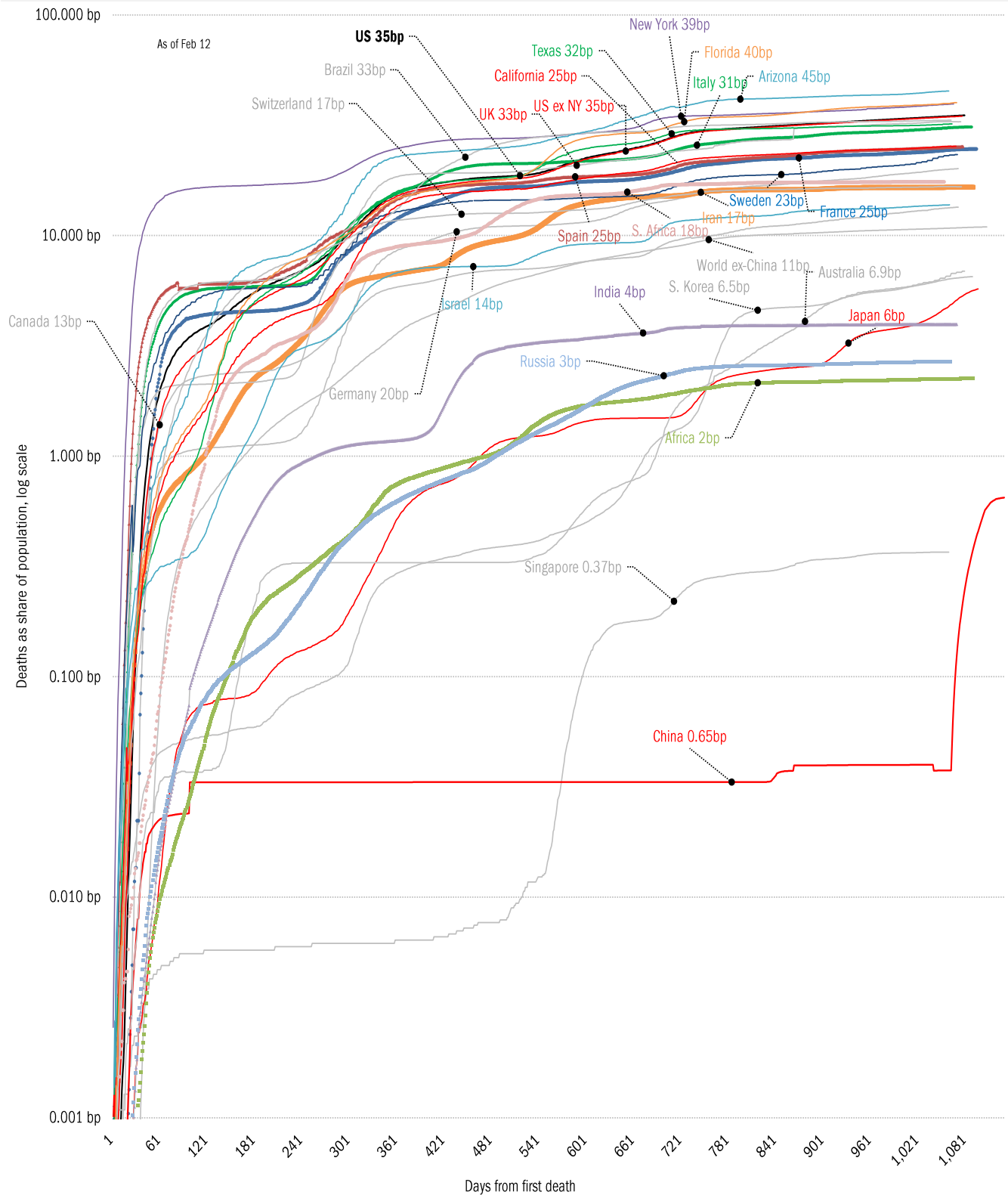
Share of infected population from first day with 100 confirmed cases, log scale



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

The global coronavirus mortality accelerometer ... tracking the world's fatality curves

Share of population deceased from day of first fatality, log scale

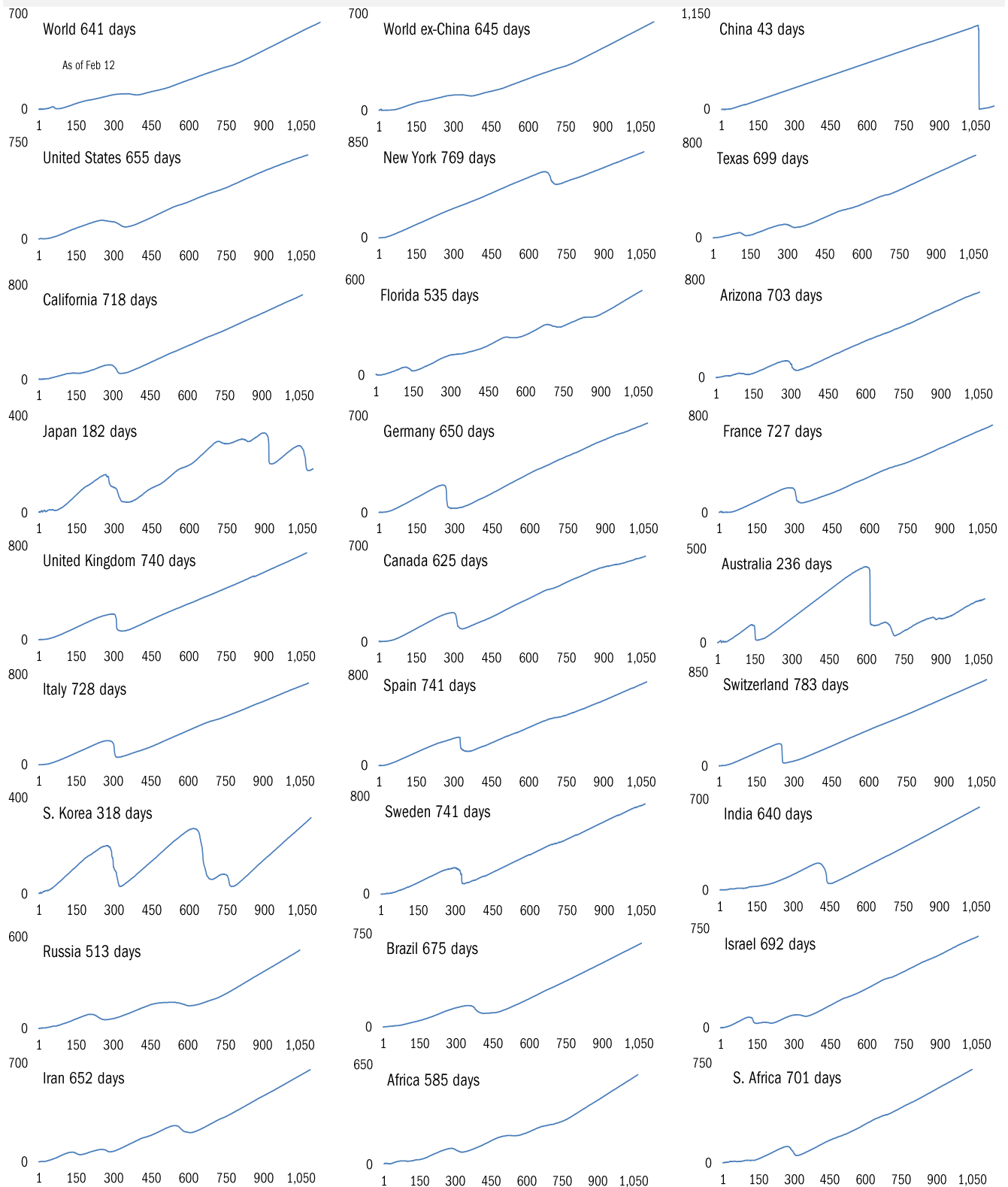


Source: [Johns Hopkins](#), TrendMacro calculations

Our most reliable evidence of the rate of spread of Covid-2019

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

Higher is good Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread

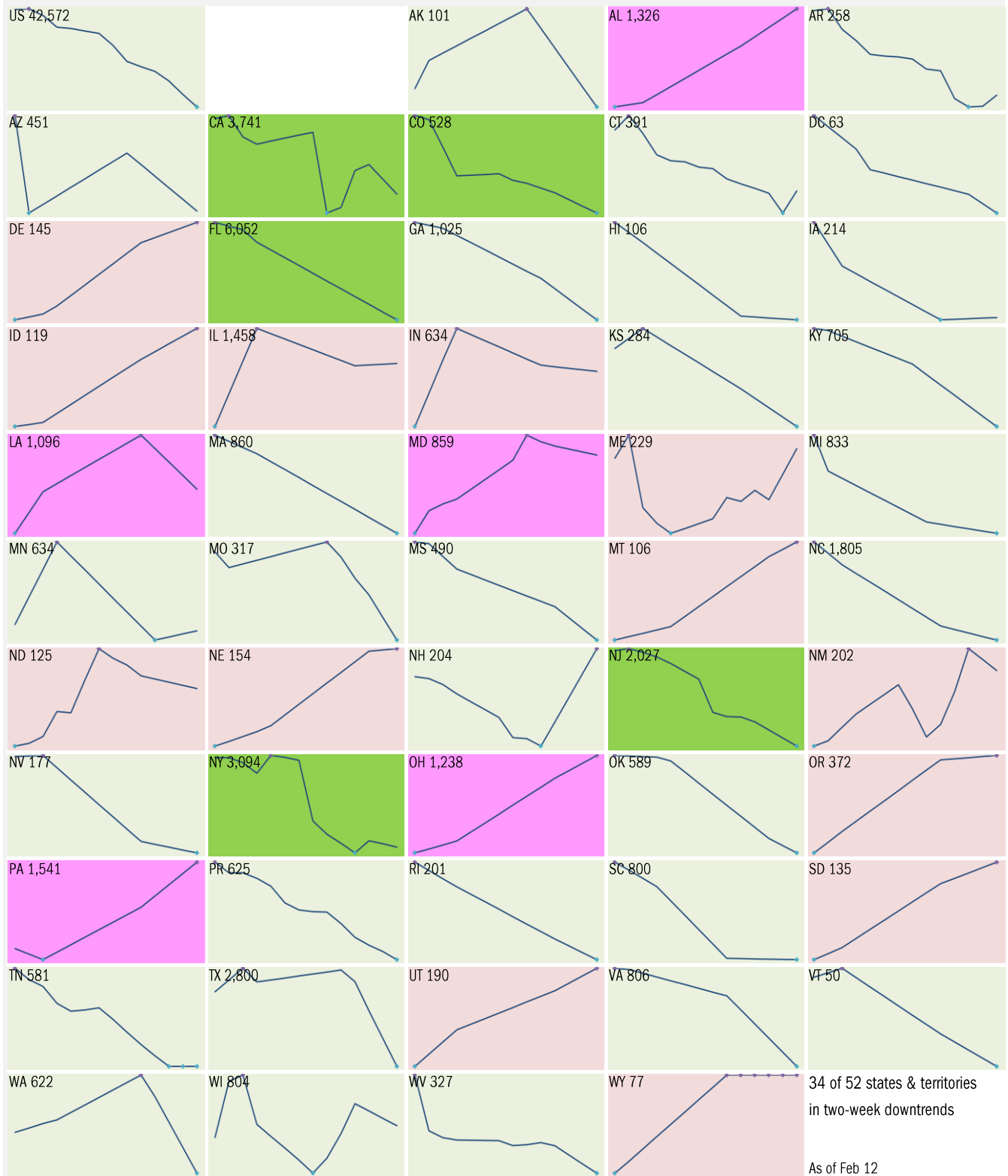


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

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

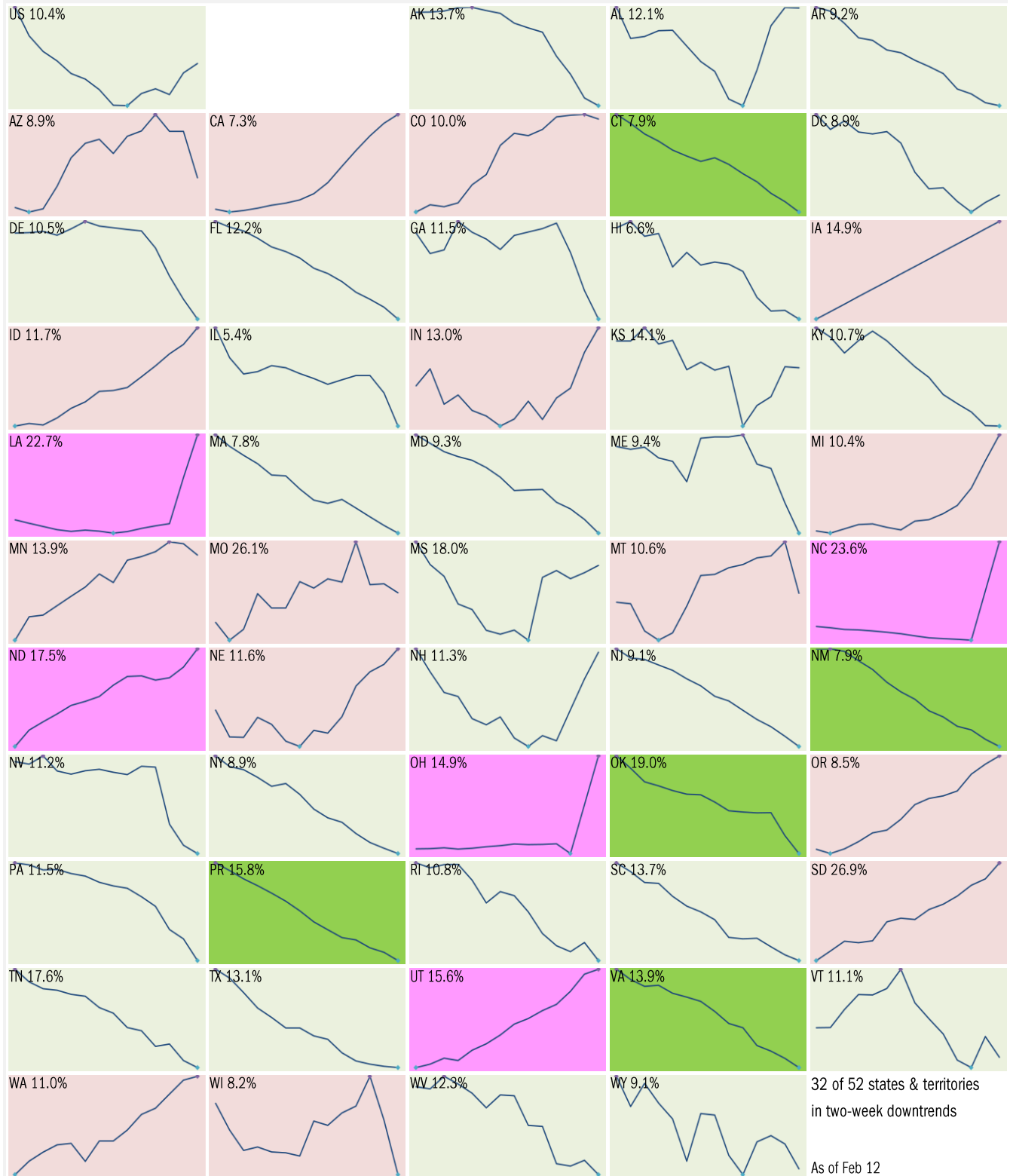


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

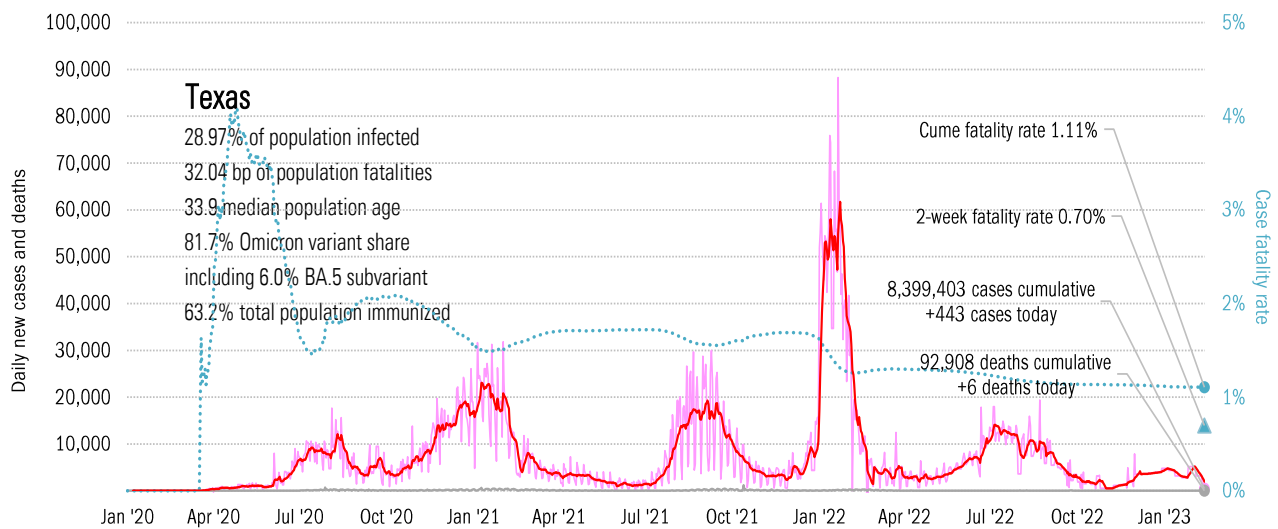
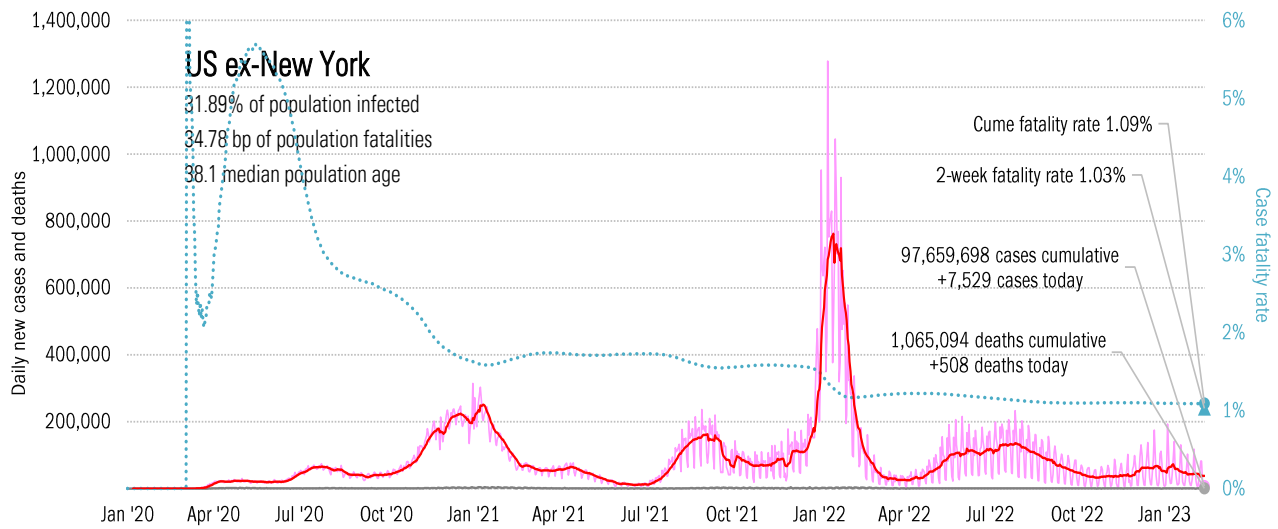
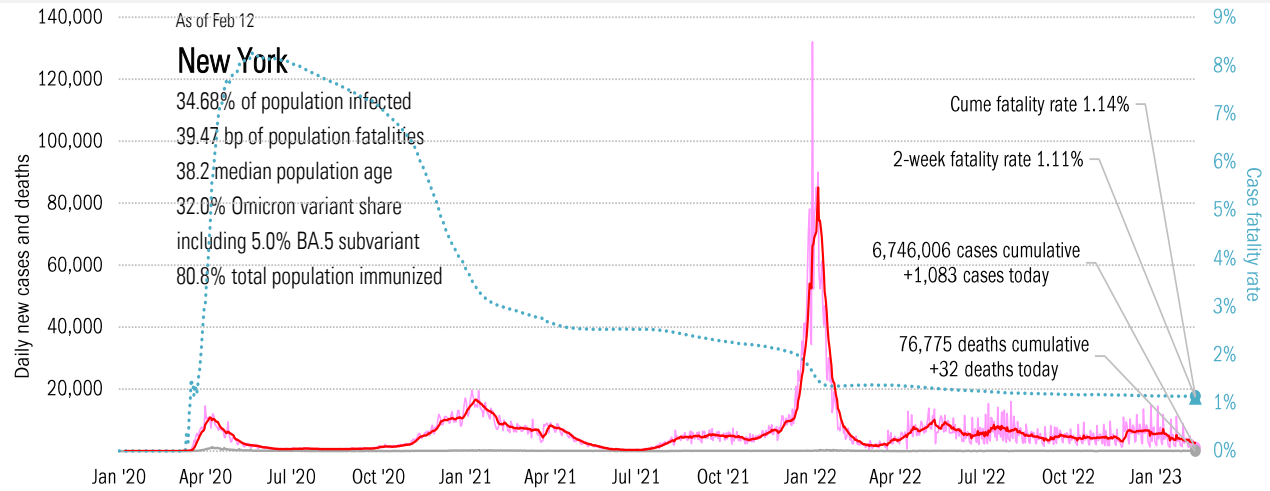
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

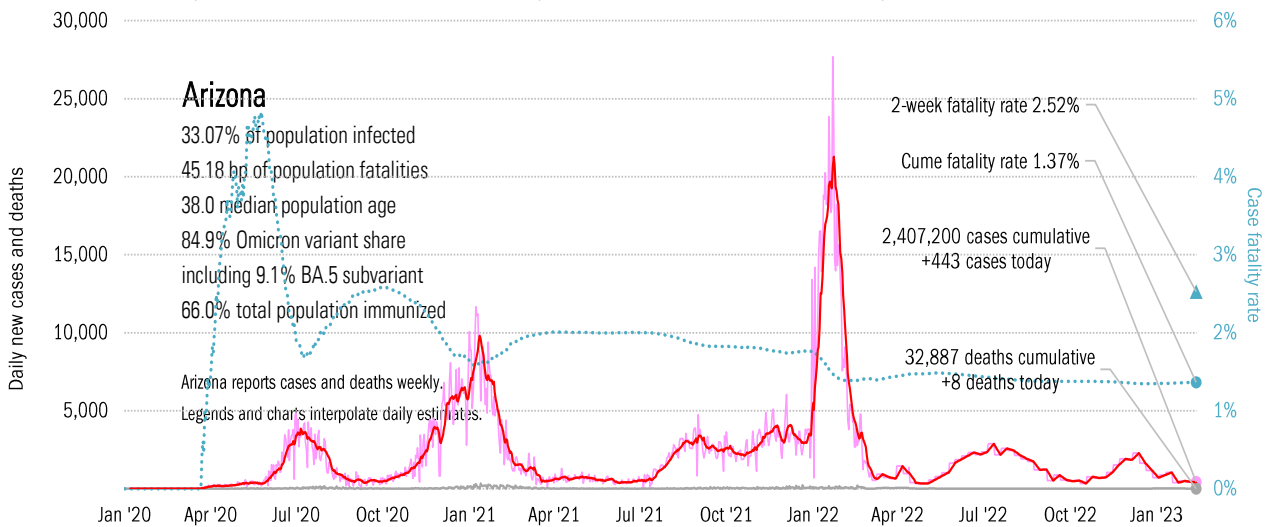
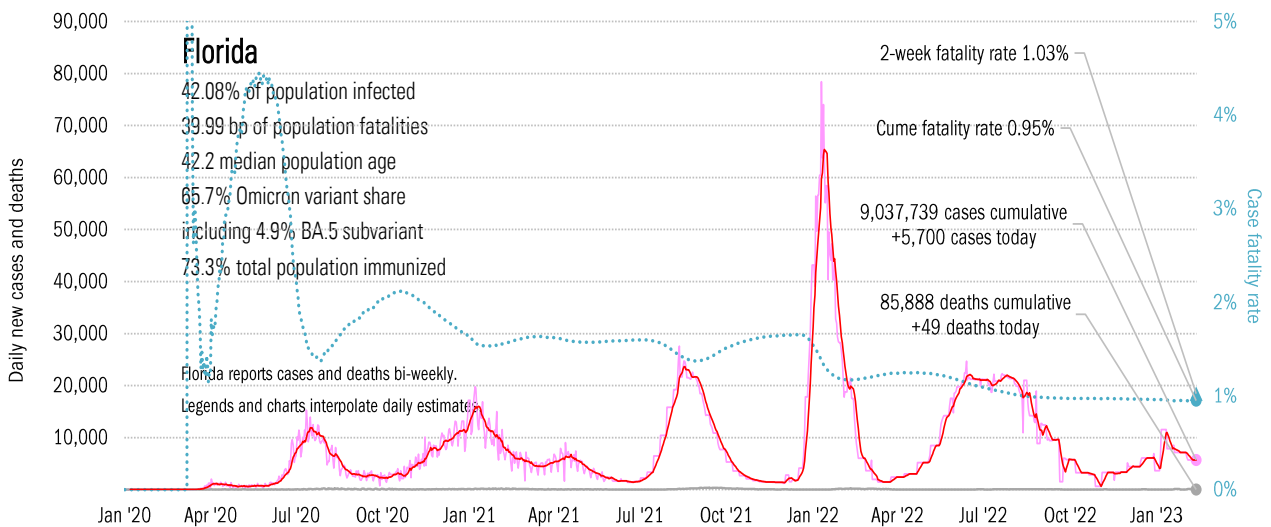
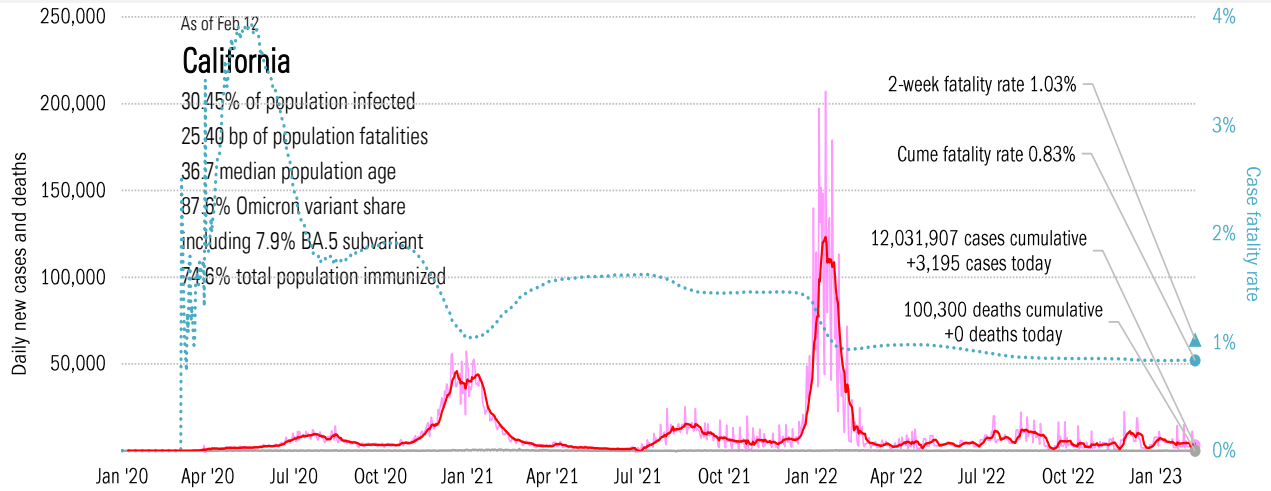
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

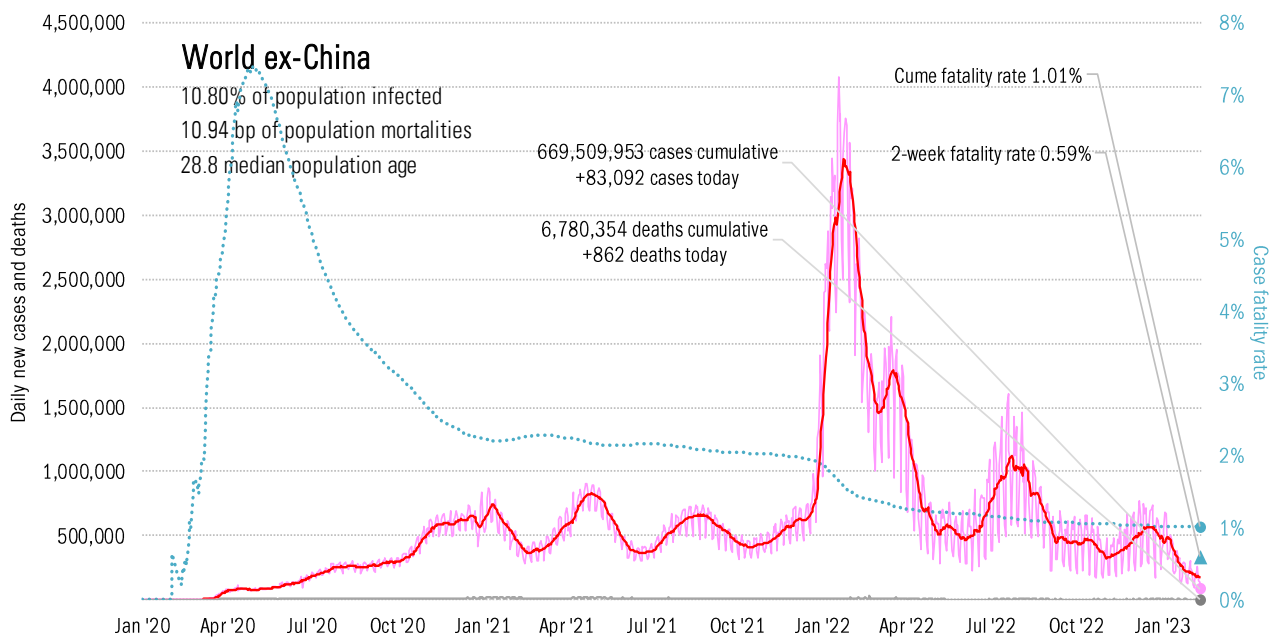
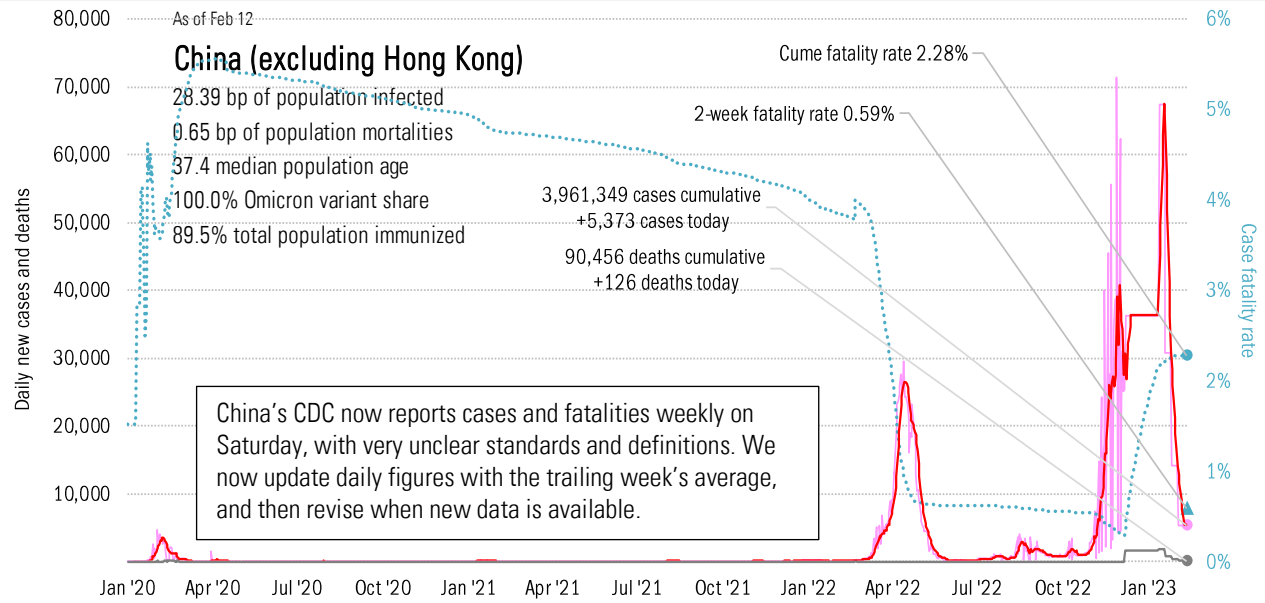
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

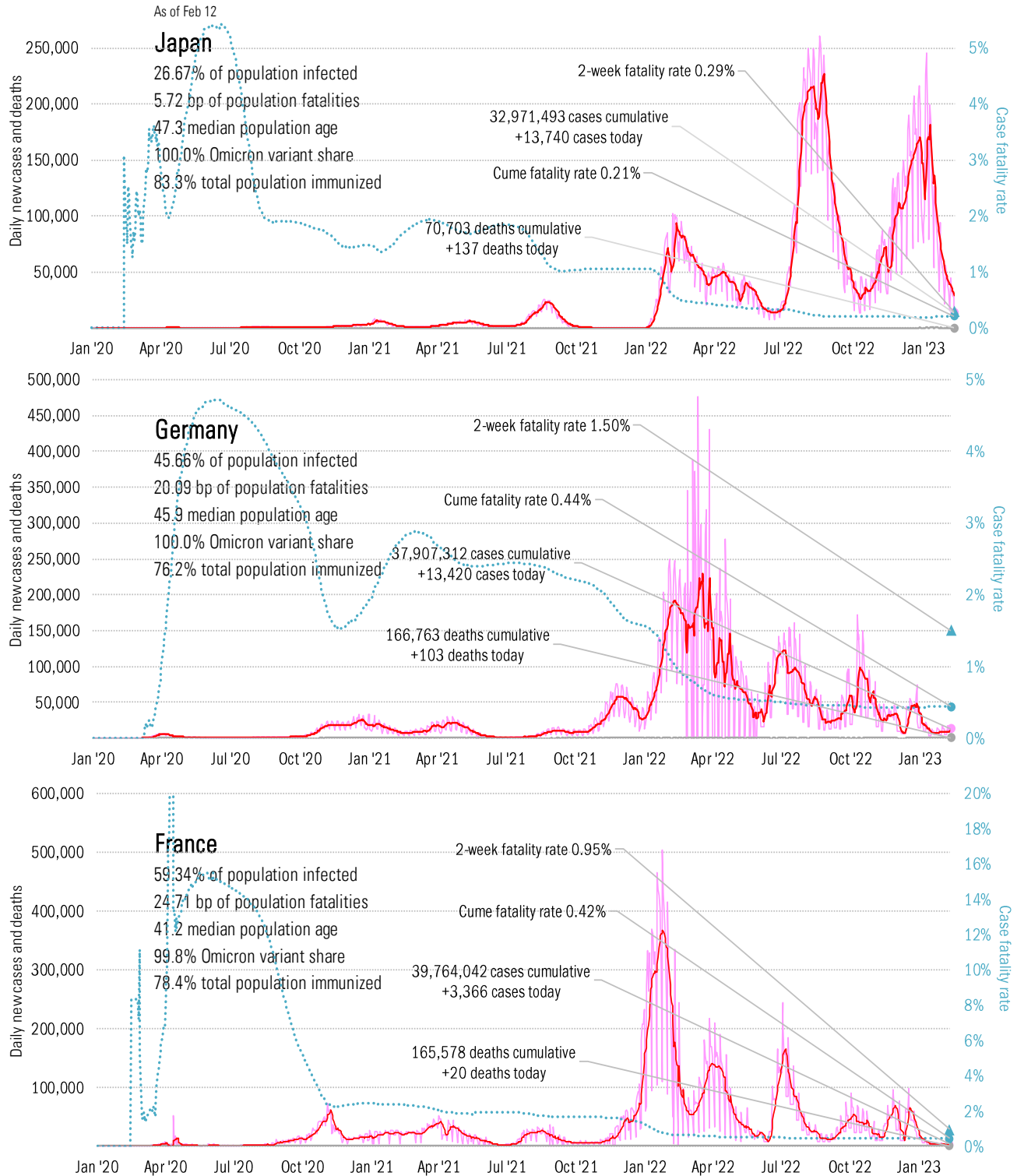
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

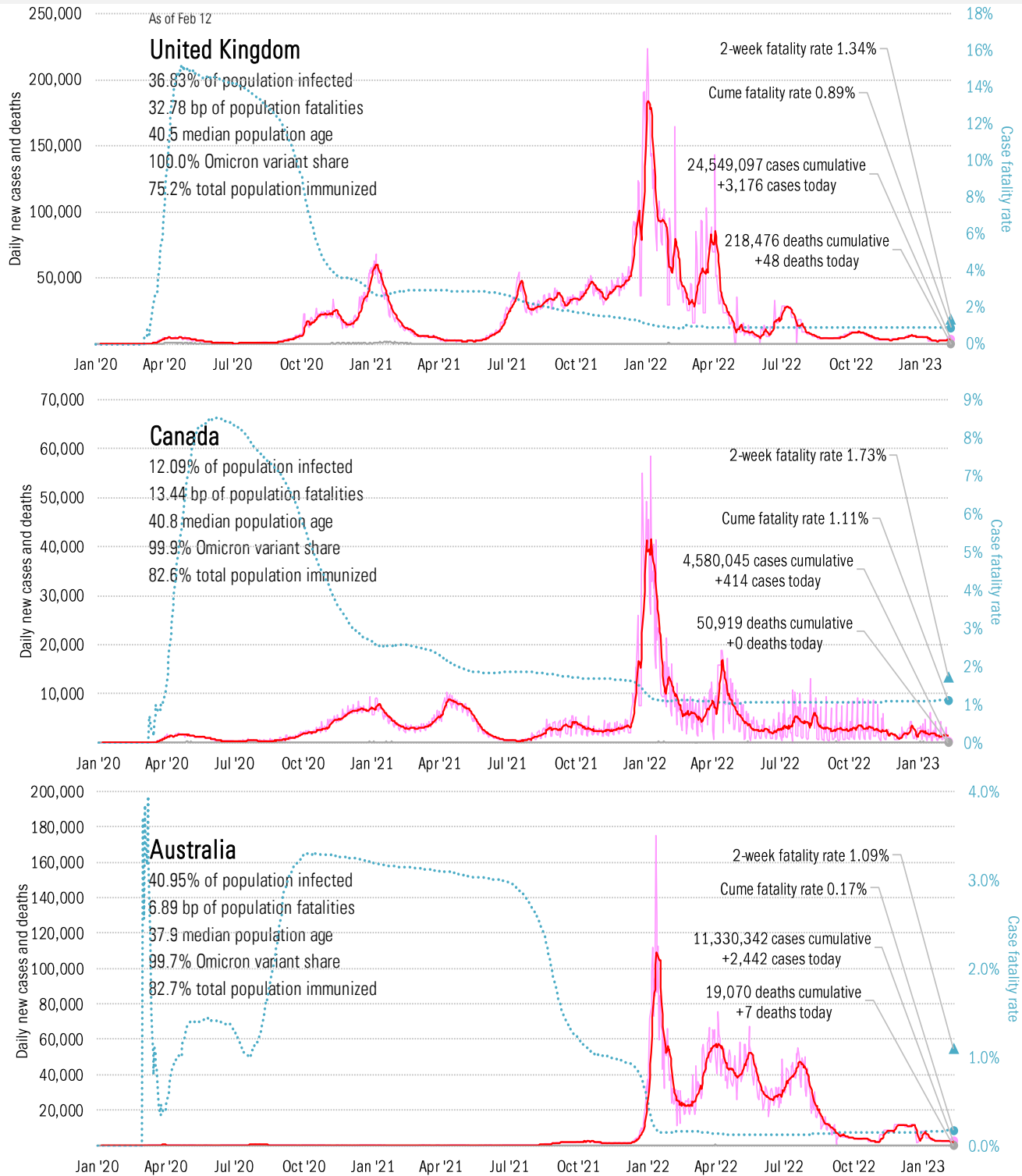
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

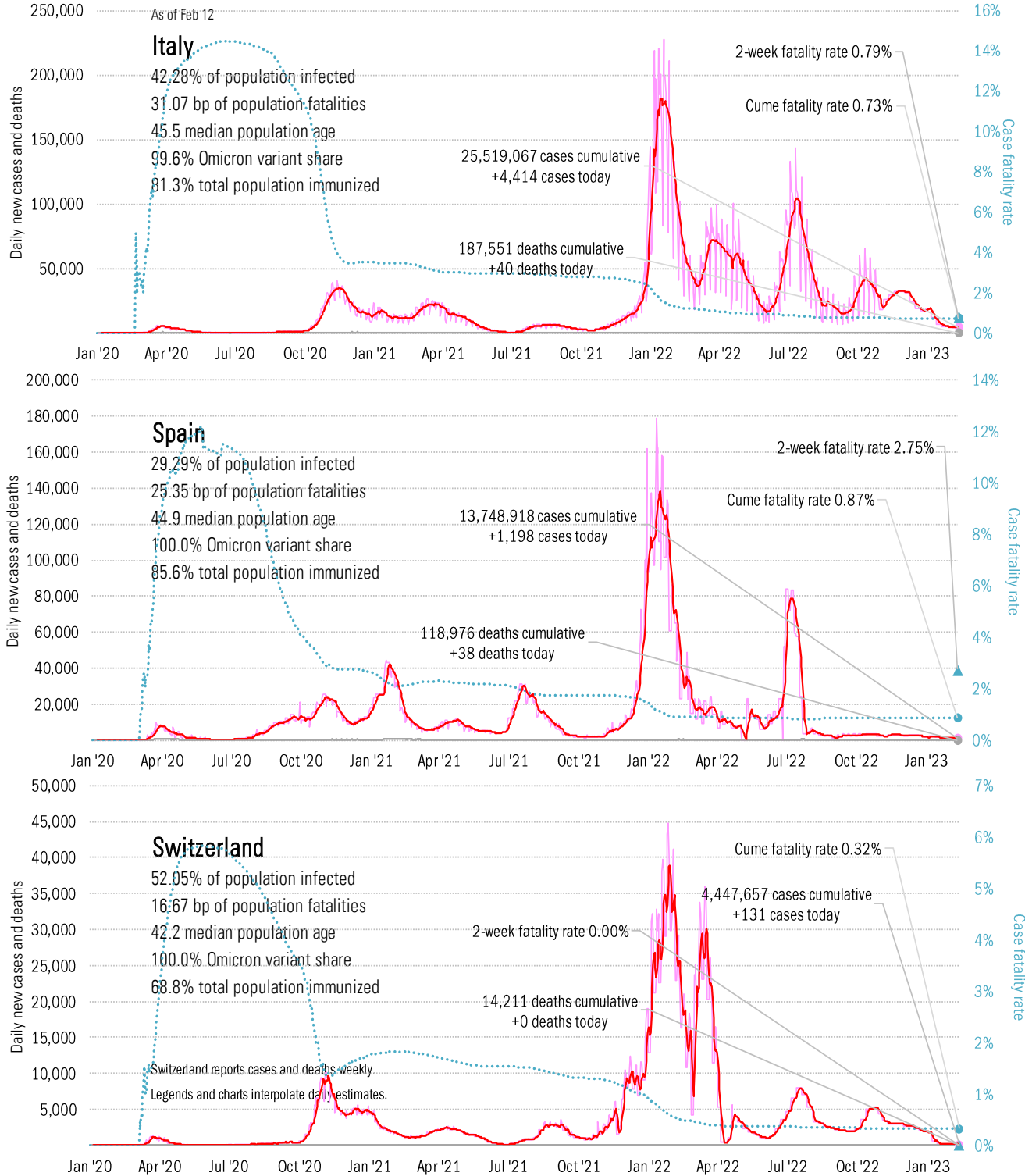
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

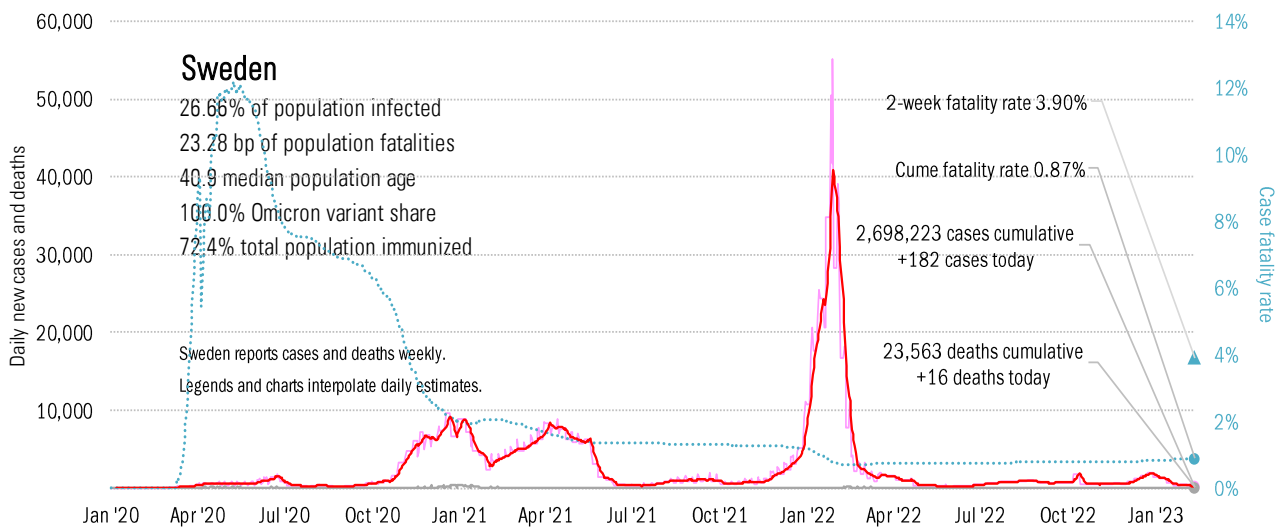
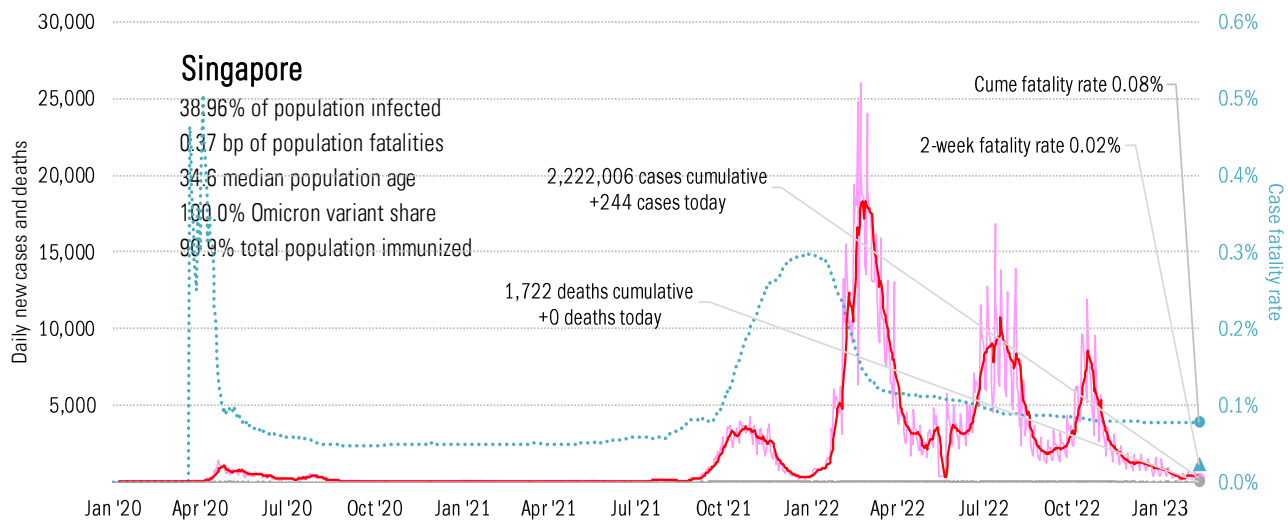
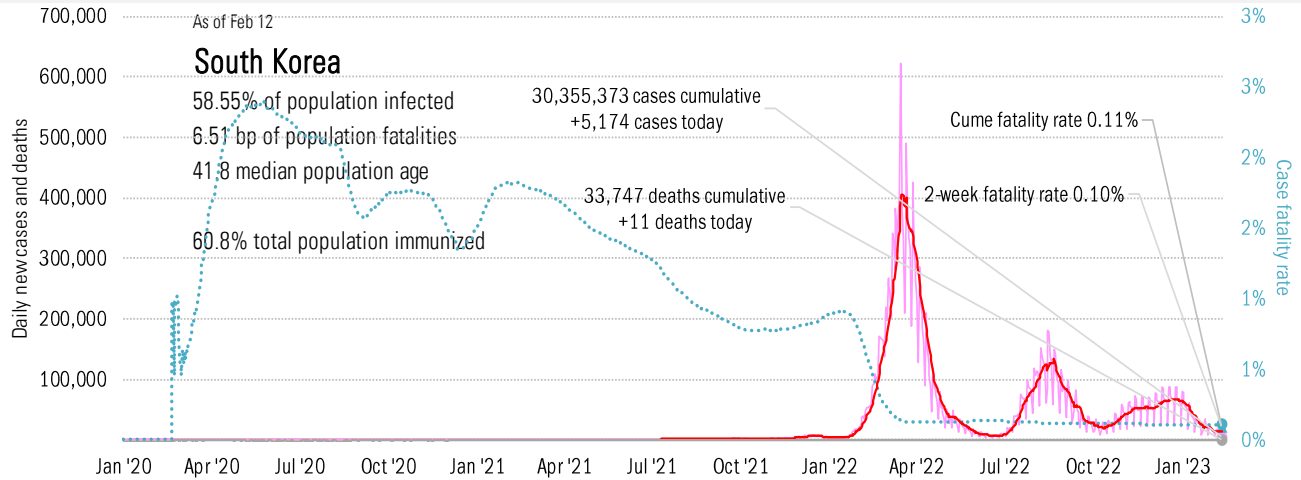
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

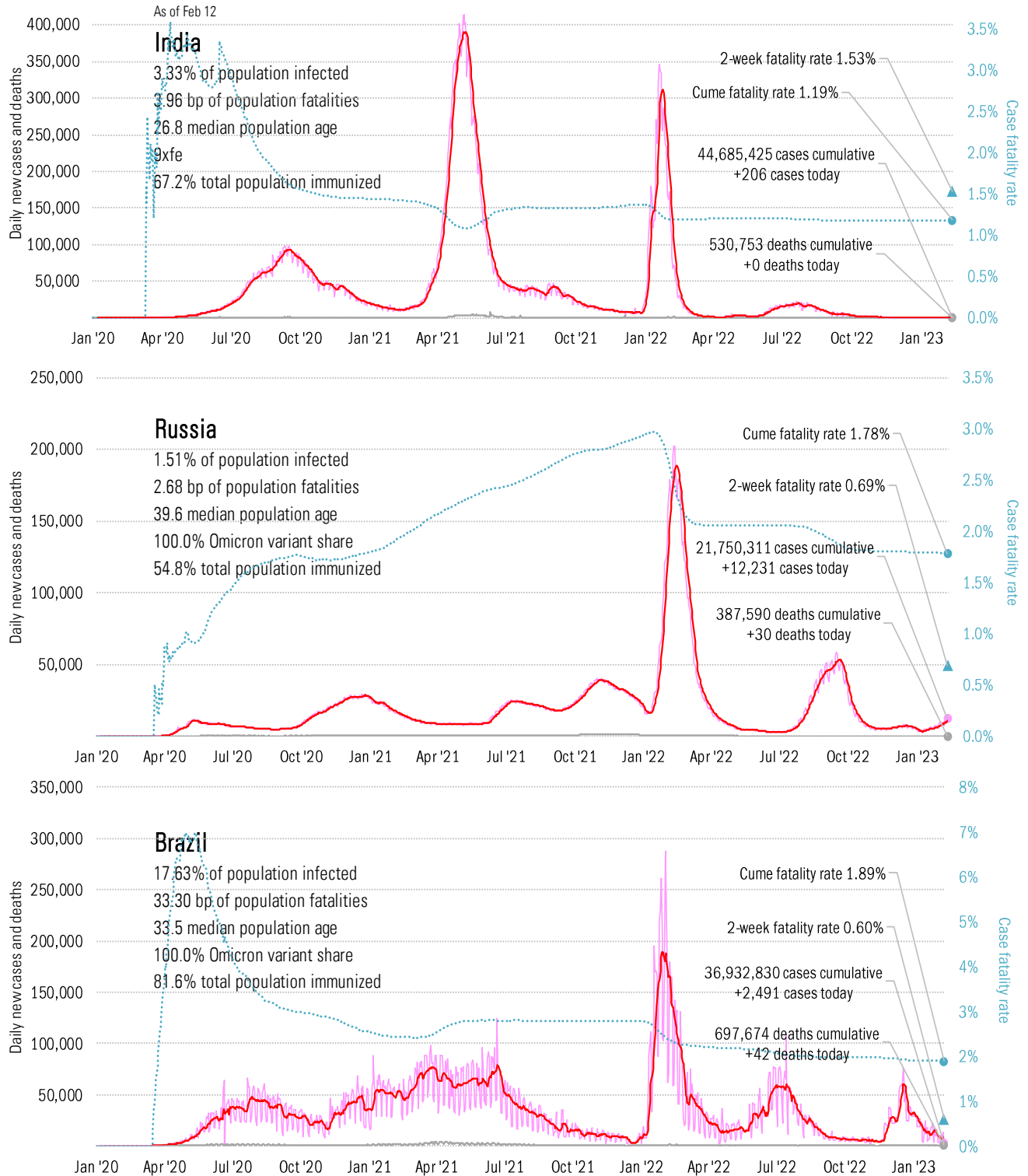
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

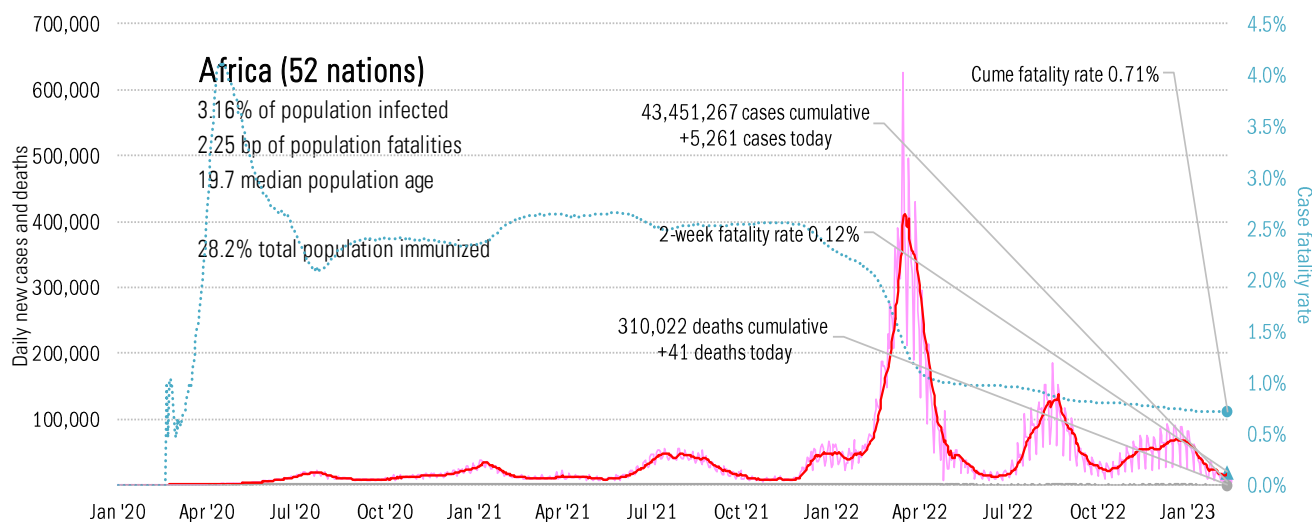
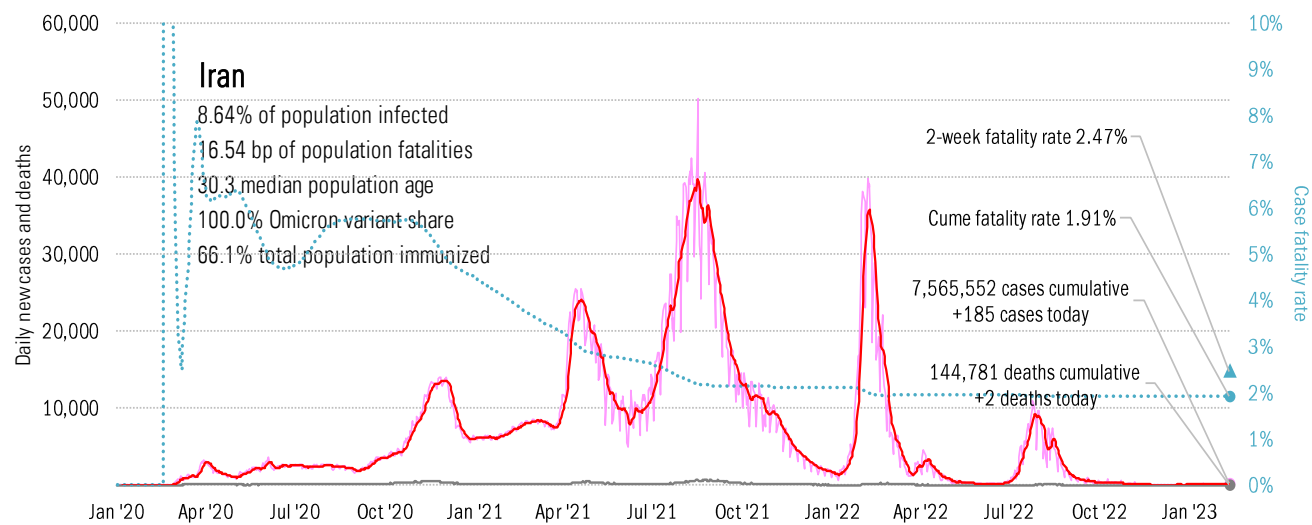
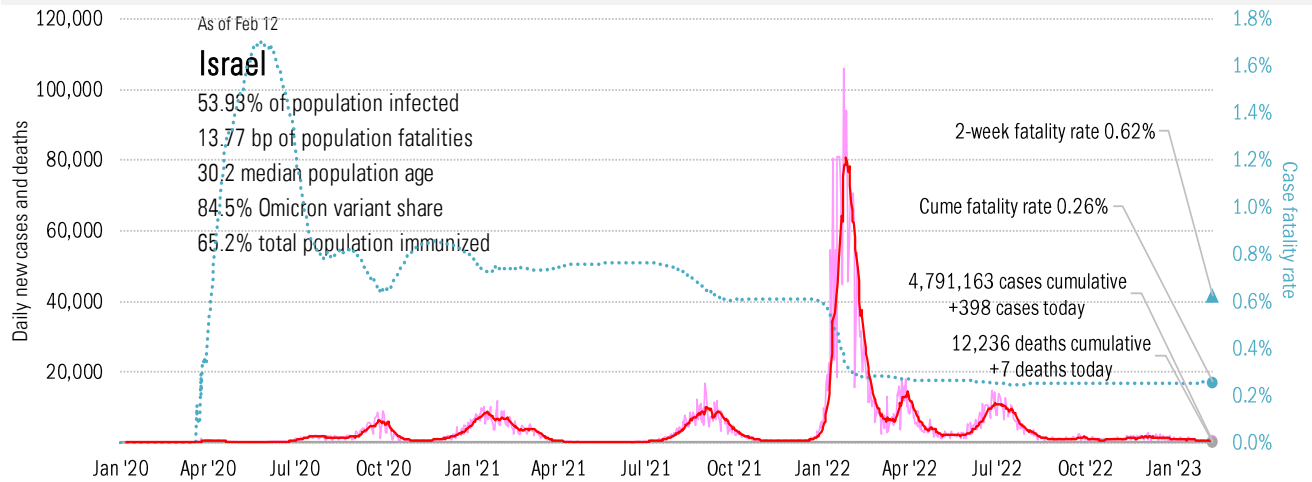
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

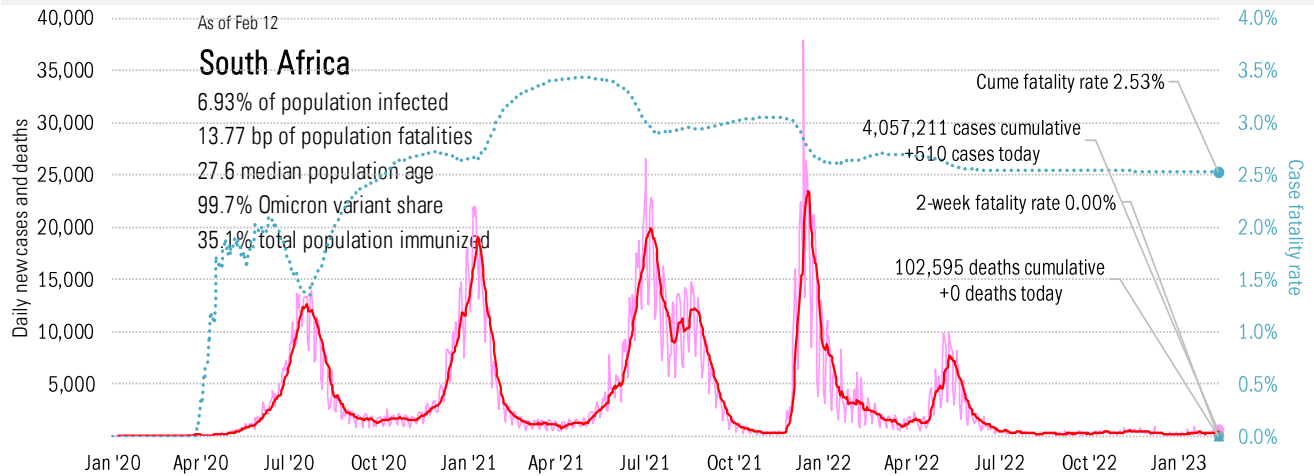
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), Trend Macro calculations