

Data Insights: Covid-2019 Monitor

Tuesday, January 17, 2023

The global scorecard

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

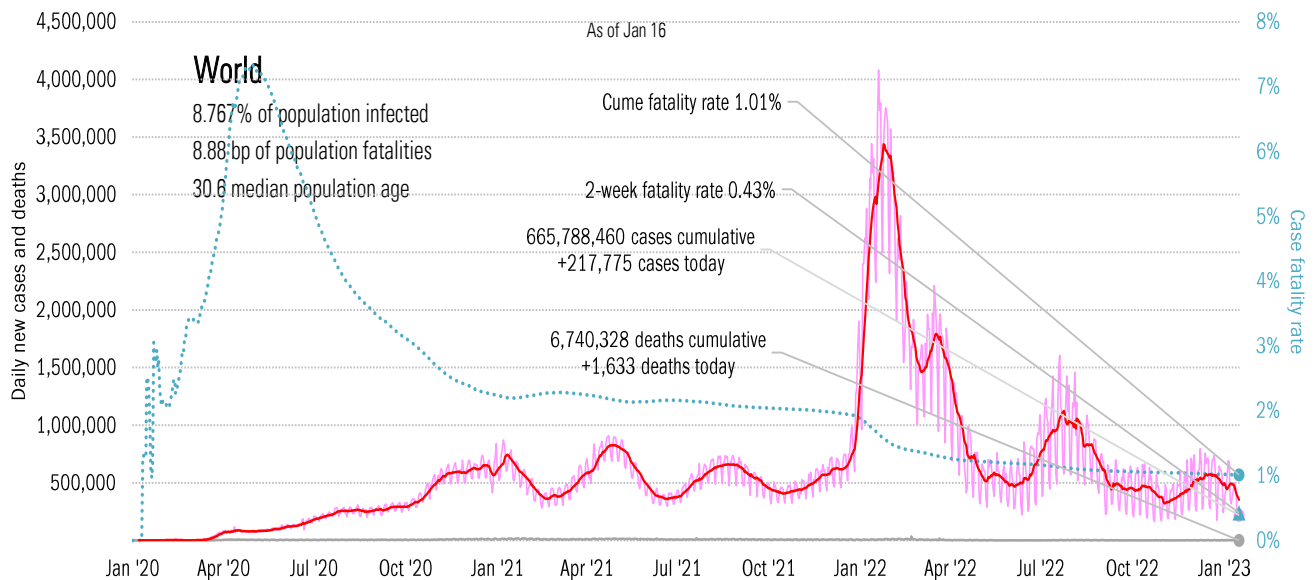
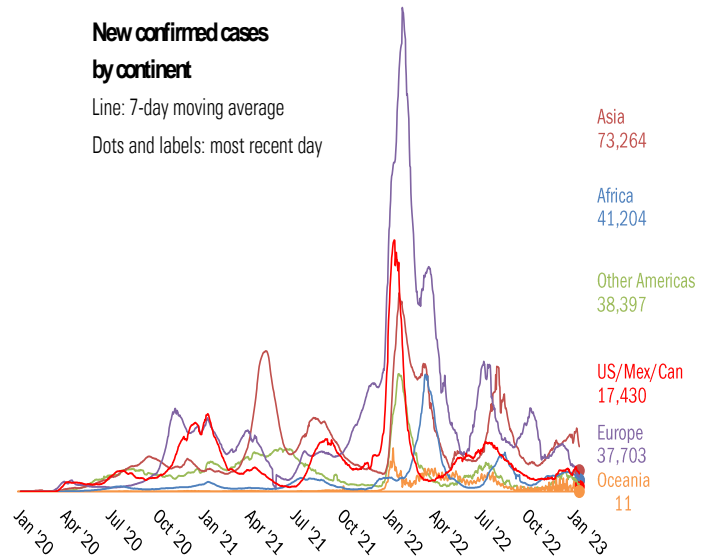
The worst ten countries

New cases		New Deaths	
Japan	54,378	United States	527
United States	53,521	Japan	284
Korea, South	40,199	United Kingdom	130
Argentina	19,416	Argentina	89
Taiwan*	15,632	Italy	82
Brazil	12,688	Sweden	72
Italy	12,009	Brazil	67
China	7,181	Germany	63
Ecuador	7,161	Canada	45
Australia	6,714	Romania	44
228,898		1,404	

New confirmed cases by continent

Line: 7-day moving average

Dots and labels: most recent day



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

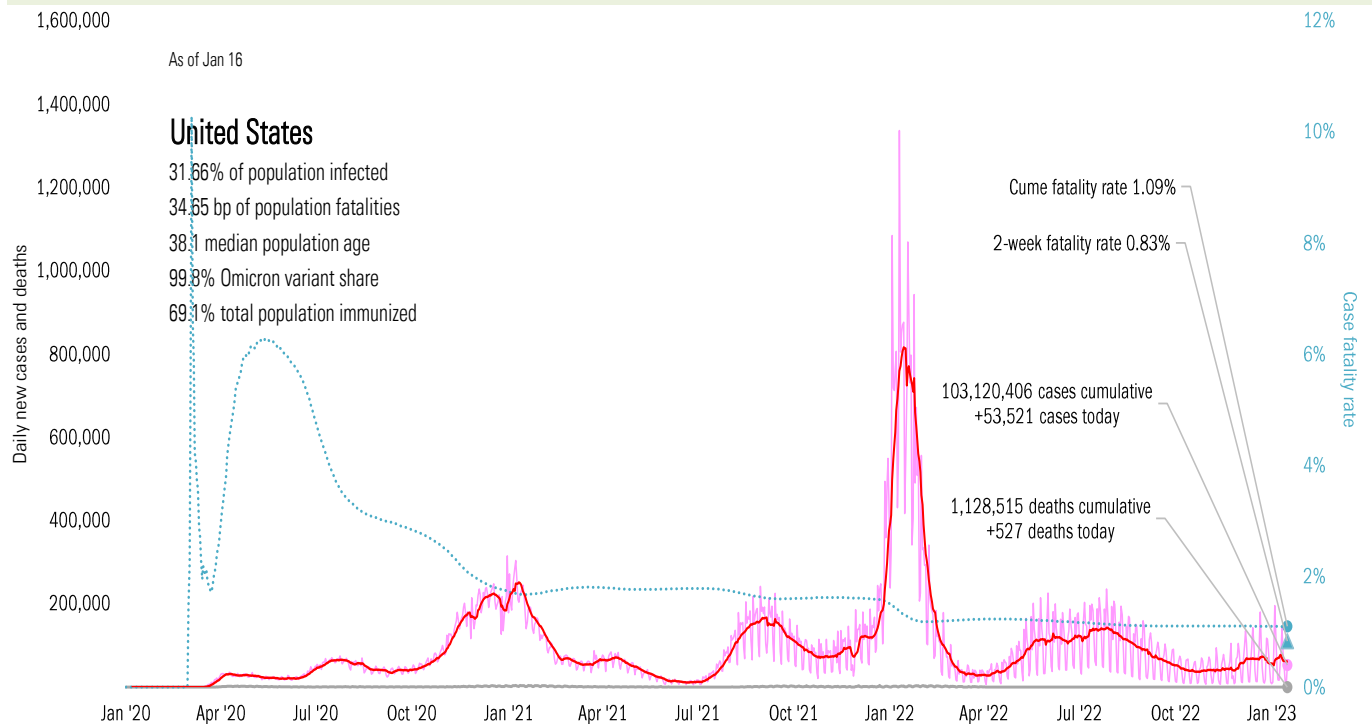
The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
FL	7,887		NY	52		CA	571		CA	11,929,677		CA	99,319		TX	576,822		RI	88%	TX	88%
CA	6,477		IL	45		VA	178		TX	8,302,540		TX	92,097		CA	551,962		MA	88%	RI	87%
NC	3,232		PA	33		AL	85		FL	7,393,712		FL	84,176		FL	520,841		DE	86%	AL	87%
NJ	3,169		NC	30		OK	69		NY	6,651,126		NY	75,751		NY	342,948		MO	85%	NC	86%
KY	3,042		AZ	27		WI	70		IL	3,981,275		PA	49,263		CH	239,115		WA	85%	MA	86%
VA	2,561		TX	27		CT	114		PA	3,447,845		GA	41,648		GA	237,471		MD	84%	NH	84%
SC	1,881		MI	24		MA	182		NC	3,382,420		CH	41,139		PA	223,810		MN	84%	GA	83%
GA	1,836		MA	23		UT	28		CH	3,331,651		MI	41,001		IL	207,585		NC	84%	MS	83%
TX	1,716		FL	23		NH	31		GA	3,011,842		IL	40,747		MI	177,291		AK	83%	MO	82%
MA	1,599		SC	22		NC	188		MI	3,008,317		NJ	35,670		NJ	156,969		NH	83%	AK	81%
33,399			306			1,516			54,440,405			600,811			3,234,814						
All states	53,521			527			4,704		All states	103,120,406			1,128,515			5,867,583		All states	70%		67%
Top ten	62%			58%			32%		Top ten	54%			55%			55%		Median	77%		76%

Some states not reporting

Five most improved US states

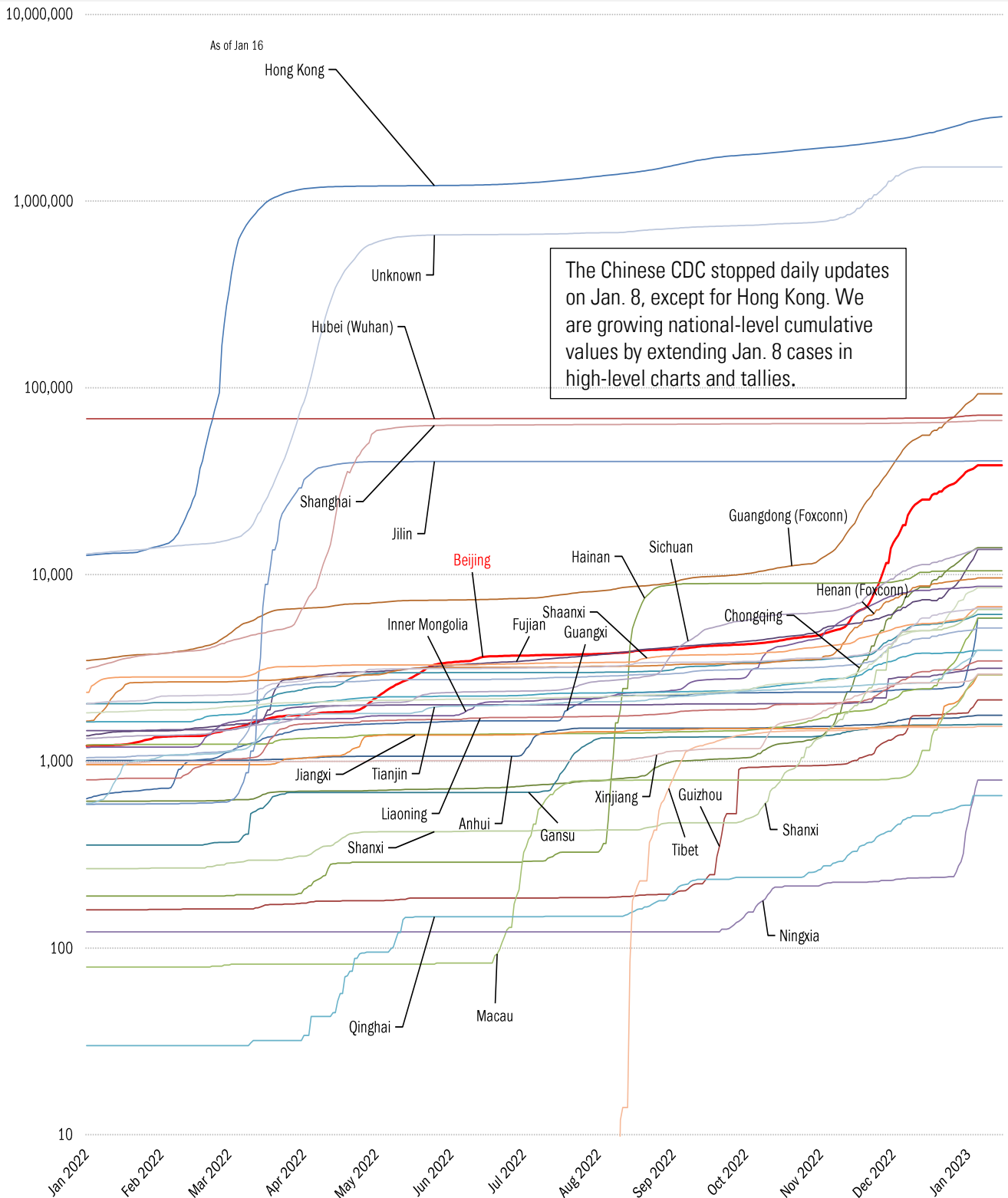
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
PA	-1,219	WI	-2	NY	-84
CT	-395	AK	0	TX	-37
NY	-320	AL	0	NV	-22
AK	0	AR	0	MT	-20
AL	0	AZ	0	MS	-12



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

China provincial coronavirus case accelerometer... tracking the "zero Covid" curves

Cumulative reported cases this year, log scale: flat line indicates "zero Covid"

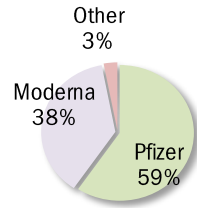


Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	683,142,150		+0.210 million		US	69.1%	80.9%
			Of which boosters: +0.197 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	276,962,615	83%	236,176,717	71%	+0.016 million	Spain	85.5%
Age 12 to 17	18,423,808	73%	15,775,755	62%	+0.001 million	Germany	76.2%
Age 18 to 64	184,183,382	91%	156,609,051	77%	+0.009 million	Italy	81.3%
Age 65 and over	60,964,171	100%	53,416,192	97%	+0.001 million	Australia	82.7%
						Israel	65.2%
						Canada	82.6%
						Japan	83.2%
						Africa	27.6%
						India	67.1%
						Brazil	81.4%
						China	89.4%



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



AK
72.8%
65.0%

"Immunity" = two doses

WI
75.0%
68.0%

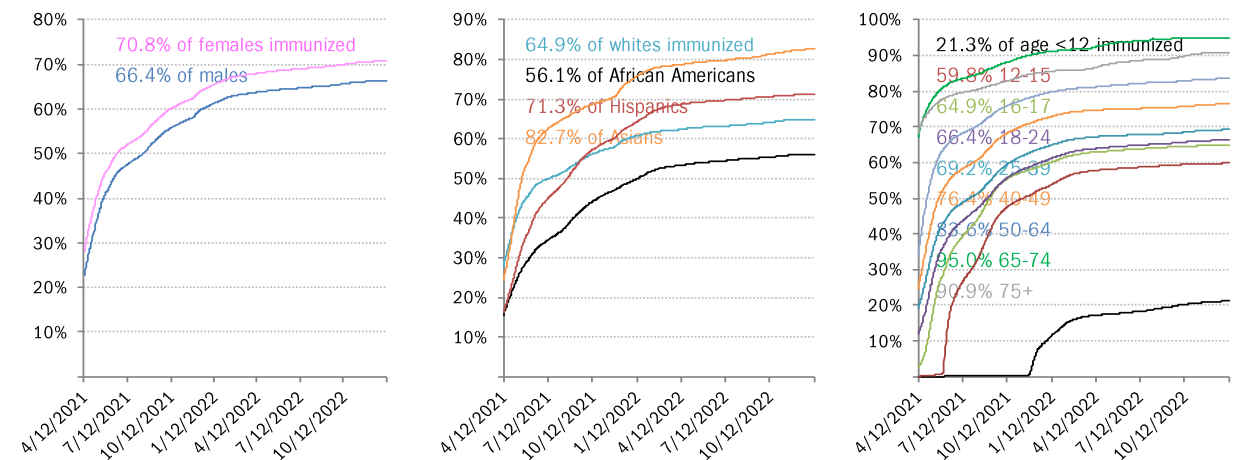
As of Jan 13

ME
95.0%
83.1%

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
85.0%	63.8%	68.1%	69.2%	78.6%	79.0%	69.3%	94.2%	95.0%	87.5%	
75.8%	56.3%	59.0%	58.5%	72.0%	71.1%	62.2%	80.6%	85.4%	71.5%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.4%	77.4%	60.8%	83.5%	70.5%	64.2%	65.6%	90.3%	94.4%	95.0%	
72.2%	63.6%	53.0%	66.0%	64.2%	57.6%	60.3%	73.1%	78.9%	84.0%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.4%	75.0%	83.4%	73.2%	69.2%	68.7%	67.4%	90.7%	91.5%	95.0%	95.0%
74.5%	66.5%	73.3%	66.1%	58.9%	59.5%	59.6%	76.4%	79.5%	82.9%	87.5%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	77.2%	94.1%	76.0%	69.7%	64.3%	91.8%	70.8%	95.0%	88.0%	
	65.9%	75.0%	65.1%	56.8%	56.2%	66.9%	59.8%	89.9%	73.1%	
			OK	LA	MS	AL	GA			
			74.4%	62.7%	61.5%	64.9%	68.2%			
			60.3%	54.9%	53.6%	53.1%	57.1%			
			TX					FL		PR
			76.2%					82.3%		90.8%
			63.1%					69.3%		83.9%

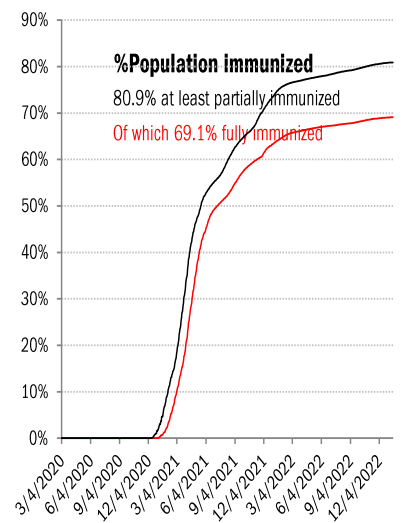
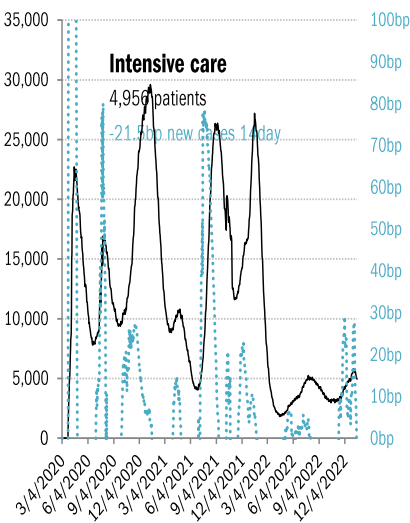
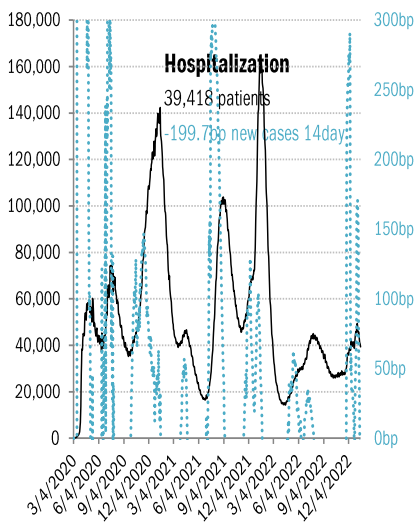
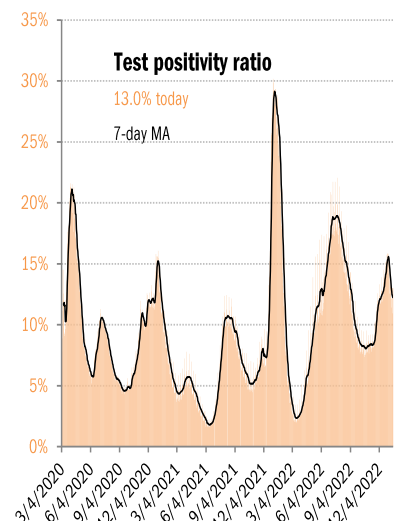
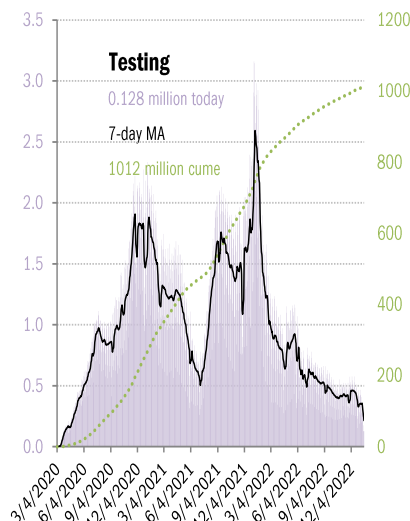
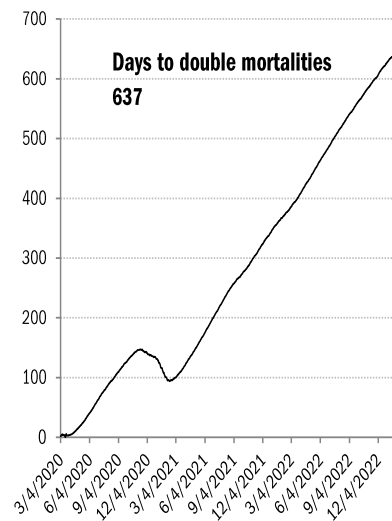
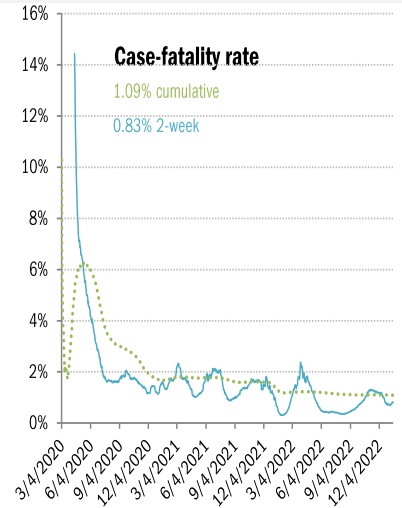
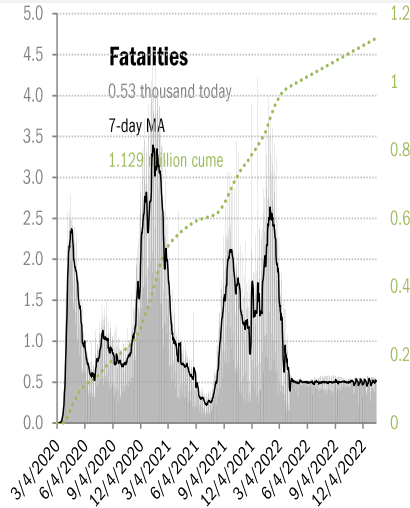
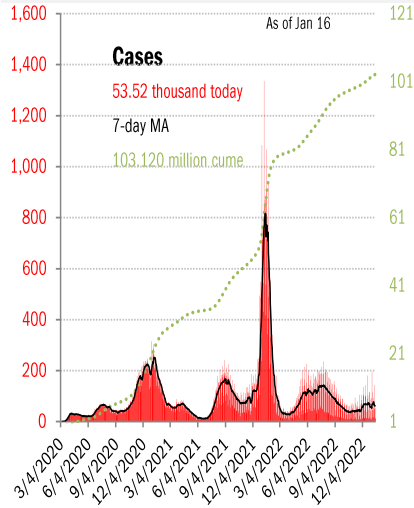
HI
91.2%
81.4%

The demographics of US vaccination

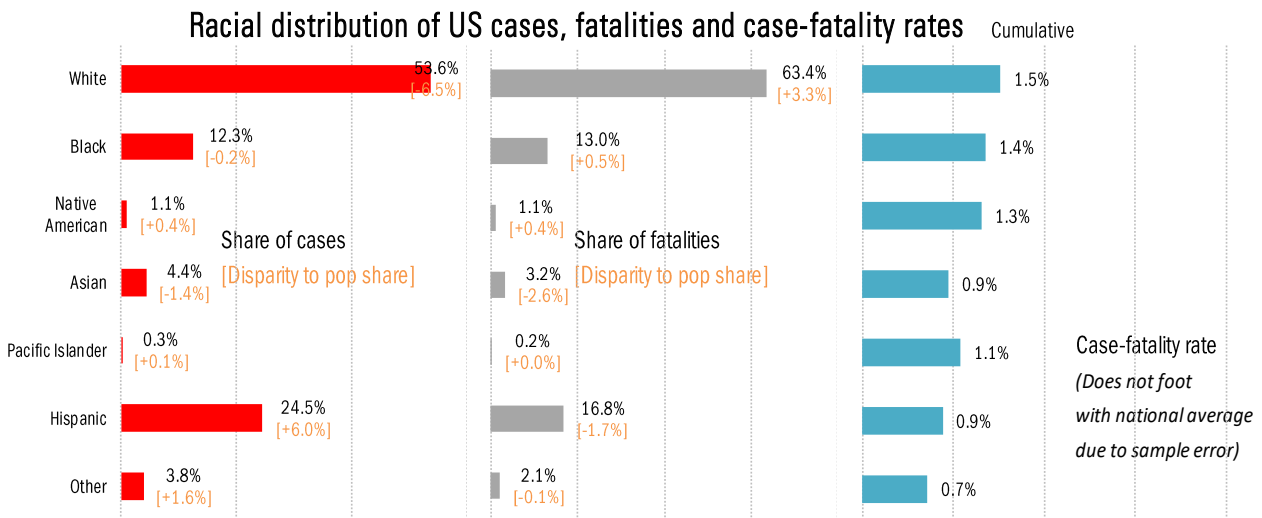
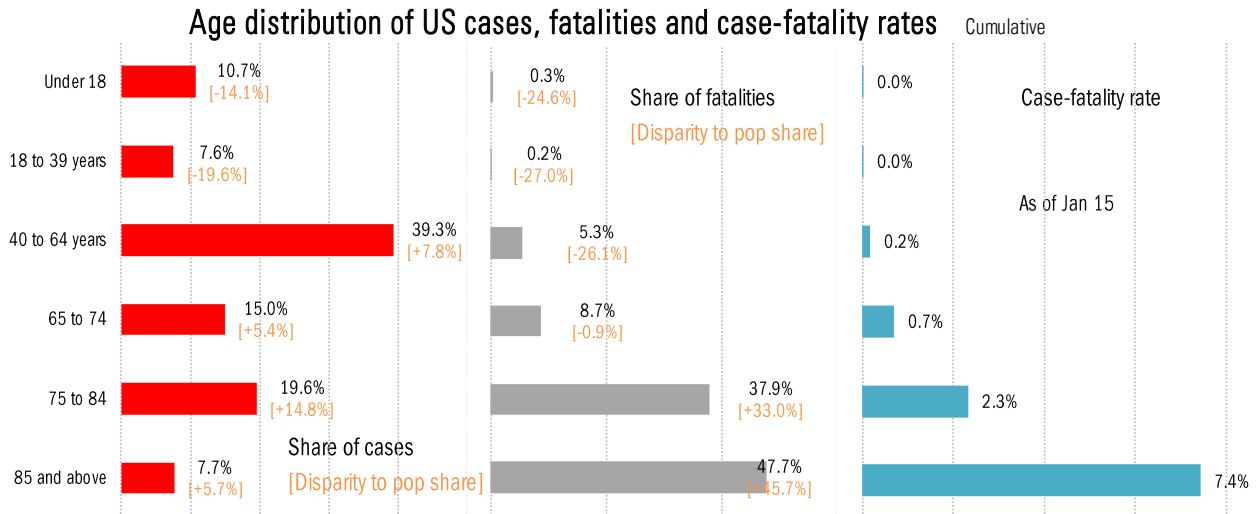


Source: CDC, CDC, Our World in Data, TrendMacro calculations

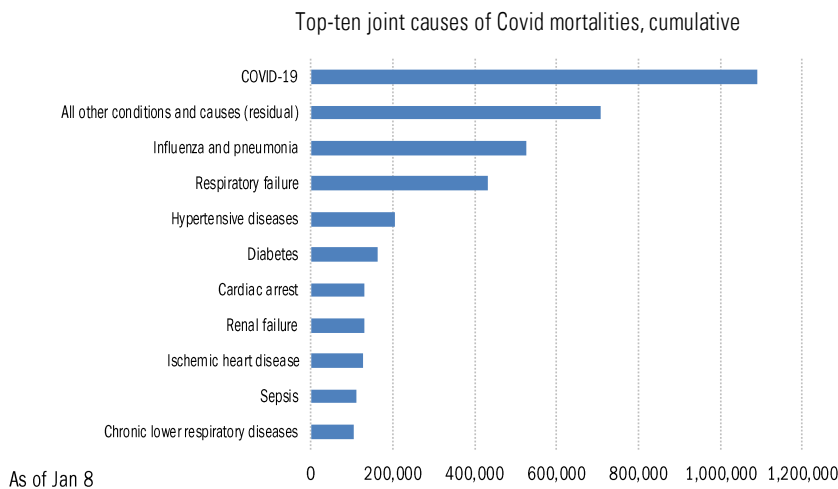
US deep-dive



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

[China's Economic Growth Fell to Near-Historic Lows as Covid Took a Bite](#)

Jason Douglas
Wall Street Journal
January 17, 2023

[Dr. Leana Wen slammed after admitting there's been 'overcounting' of COVID deaths: 'TWO AND A HALF YEARS LATE'](#)

Gabriel Hays
Fox News
January 14, 2023

[mRNA vaccines against SARS-CoV-2 induce comparably low long-term IgG Fc galactosylation and sialylation levels but increasing long-term IgG4 responses compared to an adenovirus-based vaccine](#)

Jana Sophia Buhre et al.
Frontiers
January 12, 2023

[A second paper confirms the mRNA shots cause recipients to make less effective antibodies to the coronavirus over time](#)

Alex Berenson
Unreported Truths
January 16, 2023

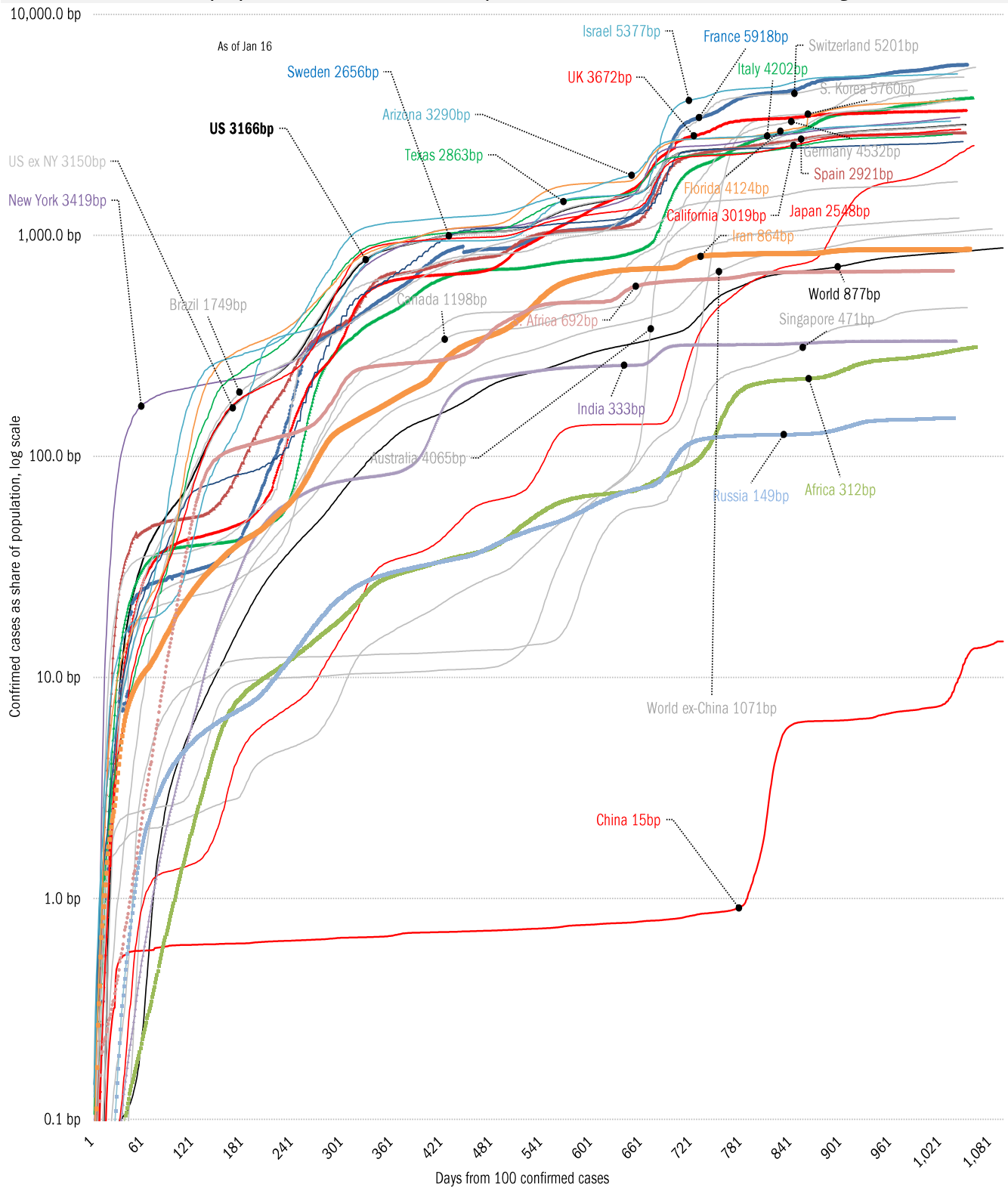
Meme of the Day



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

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

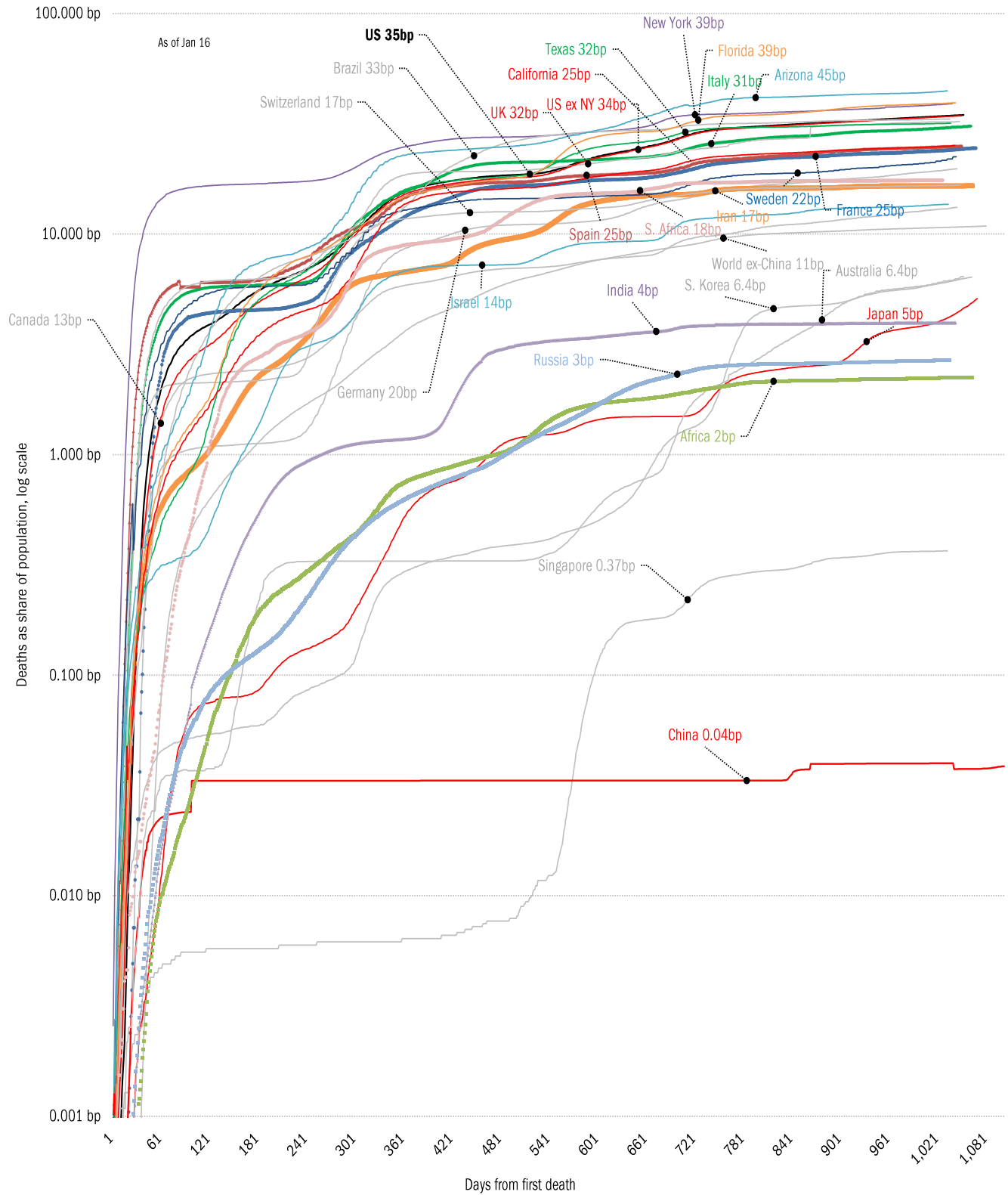
Share of infected population from first day with 100 confirmed cases, log scale



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

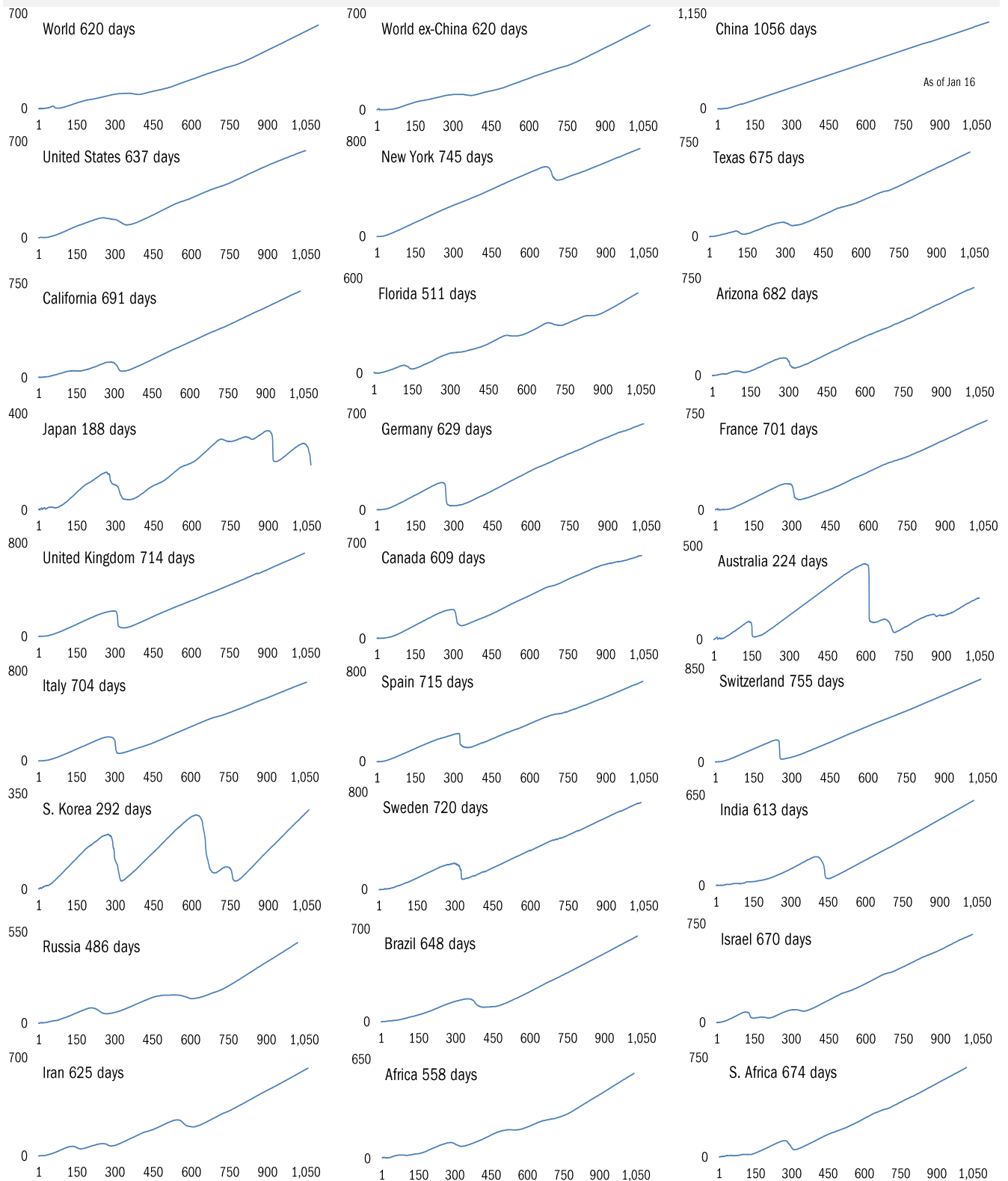


Source: [Johns Hopkins](#), TrendMacro calculations

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

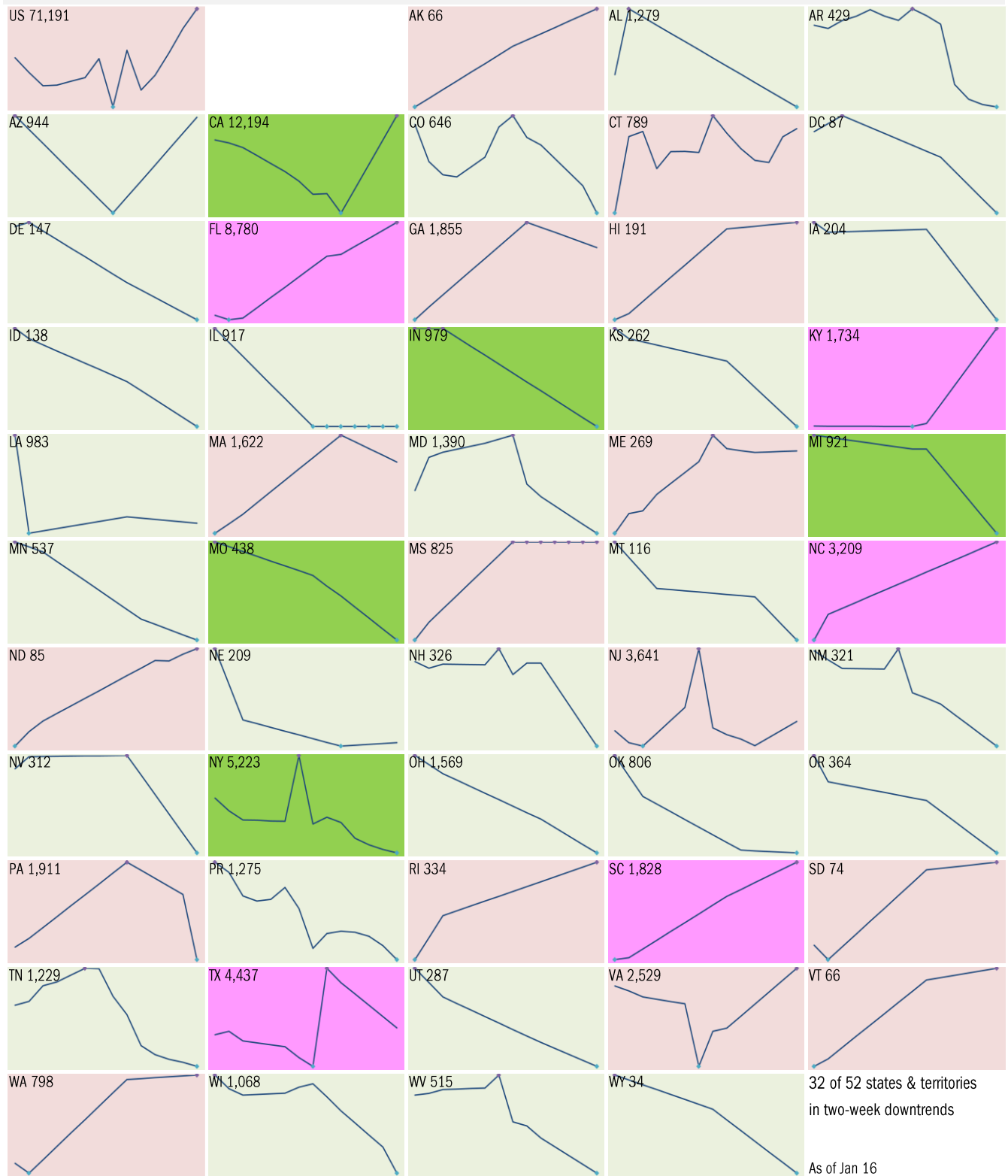


Source: [Johns Hopkins](#), TrendMacro calculations

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

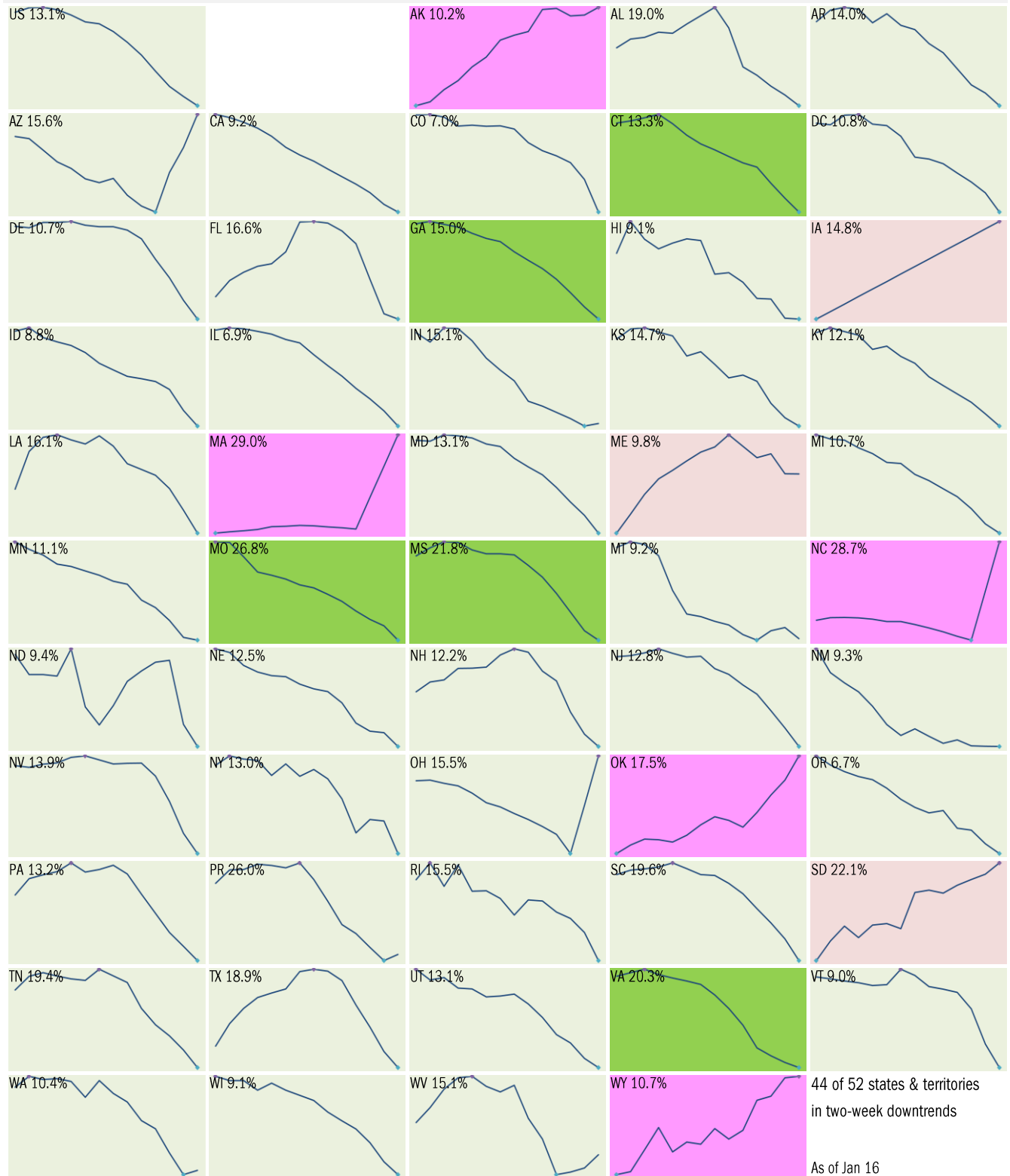


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

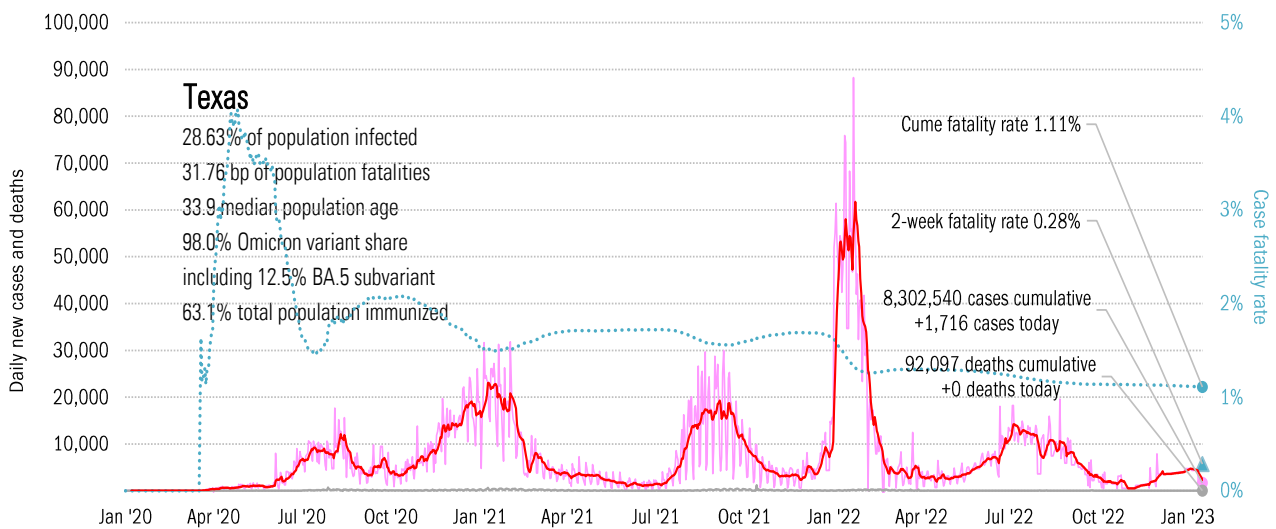
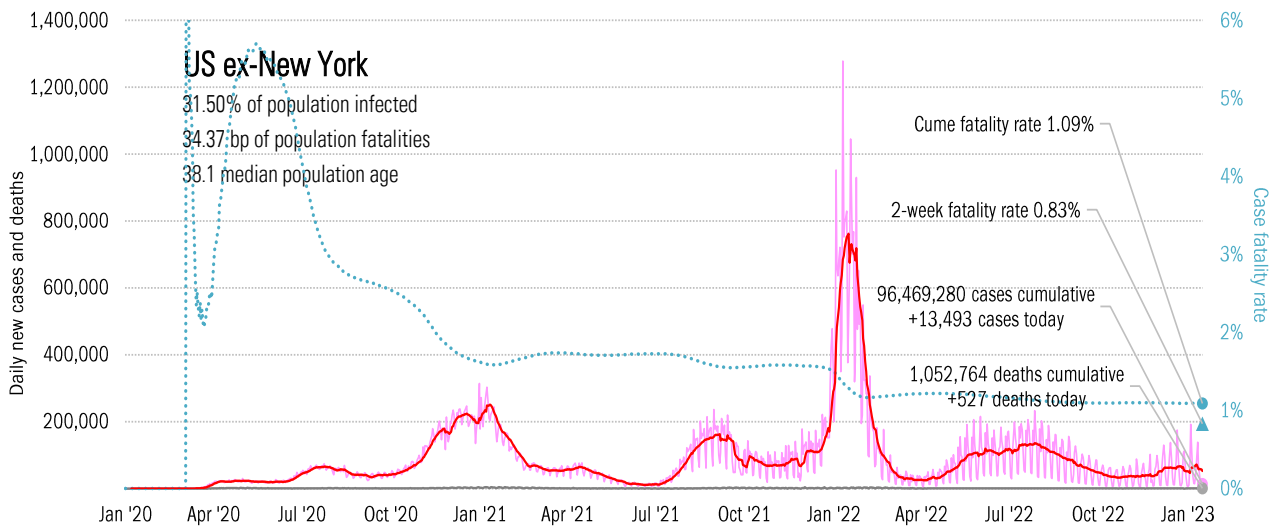
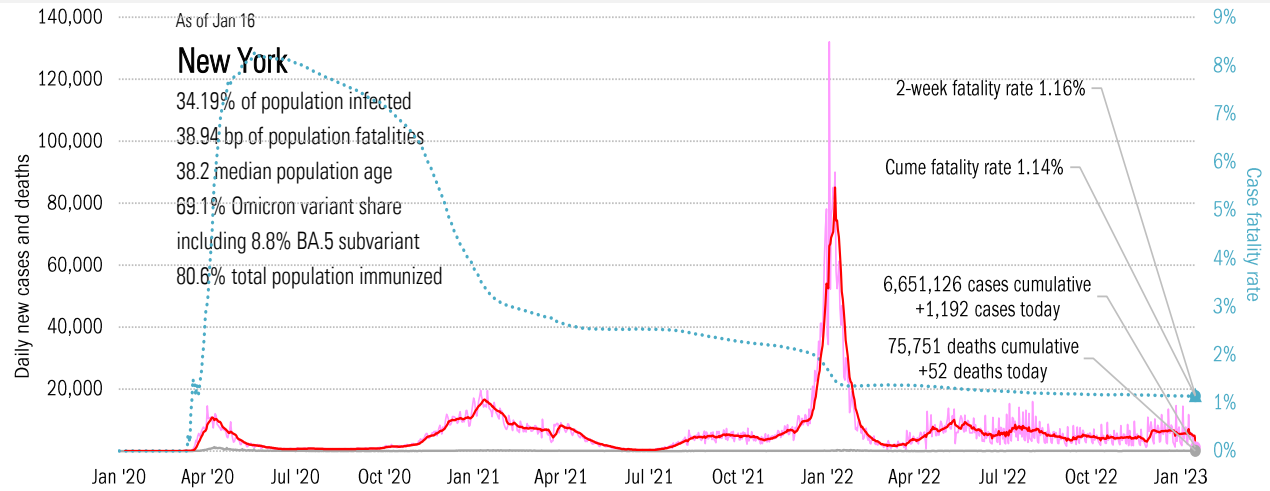
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

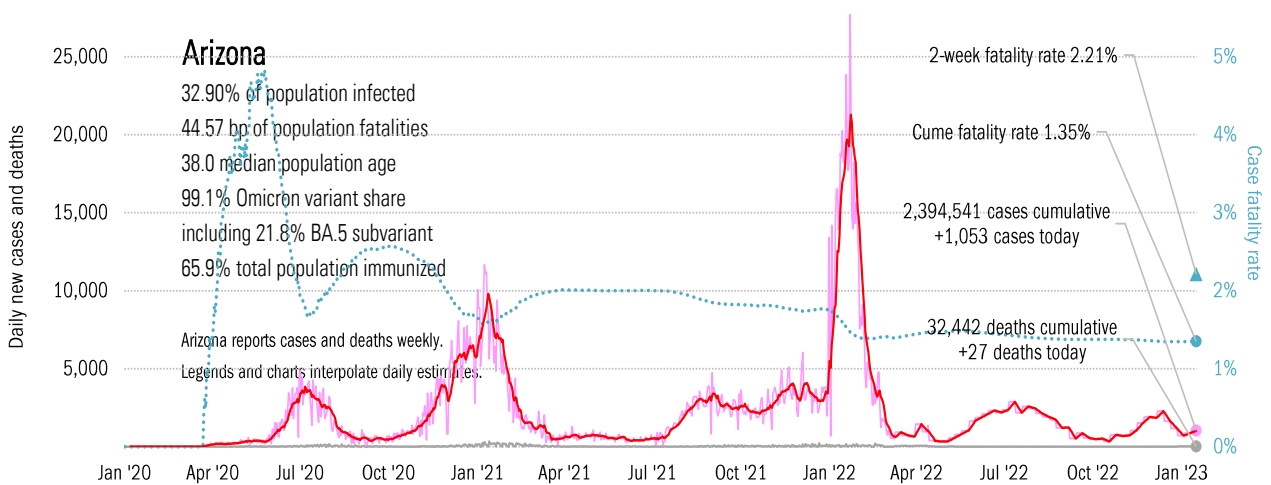
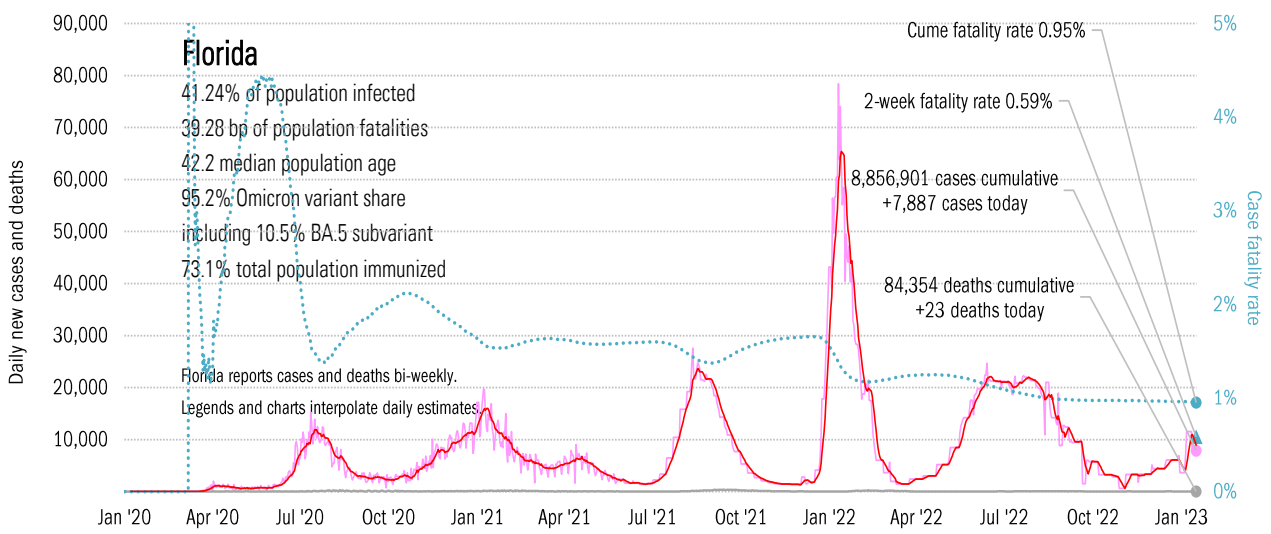
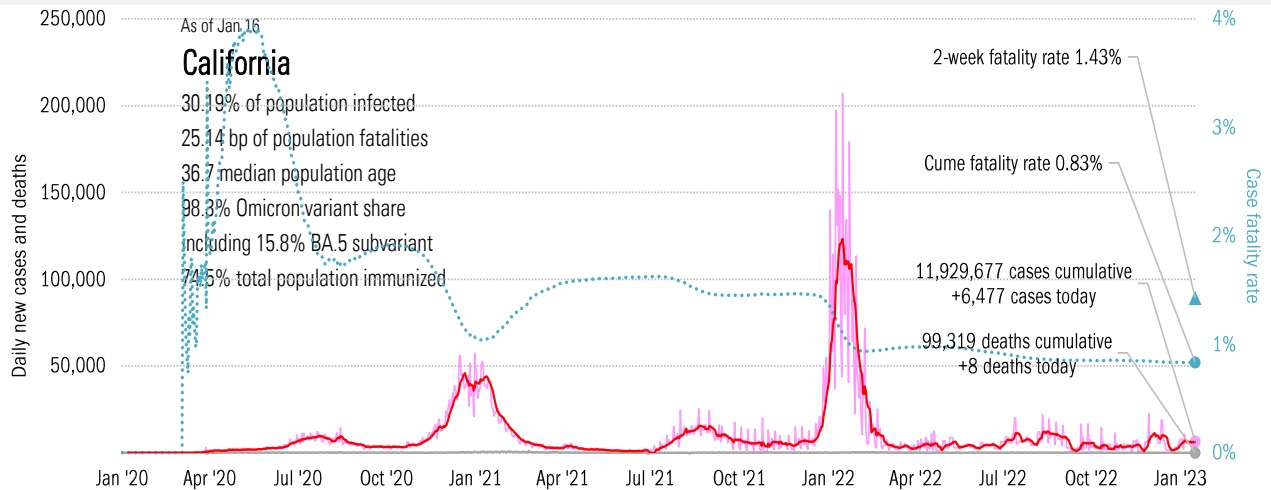
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

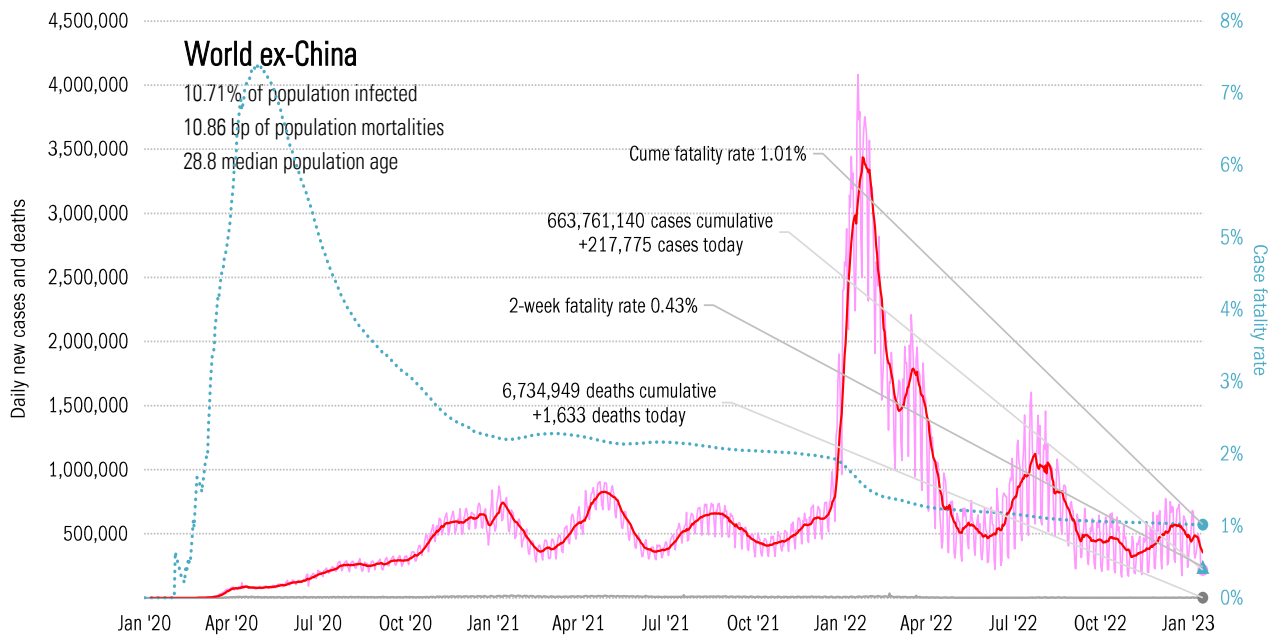
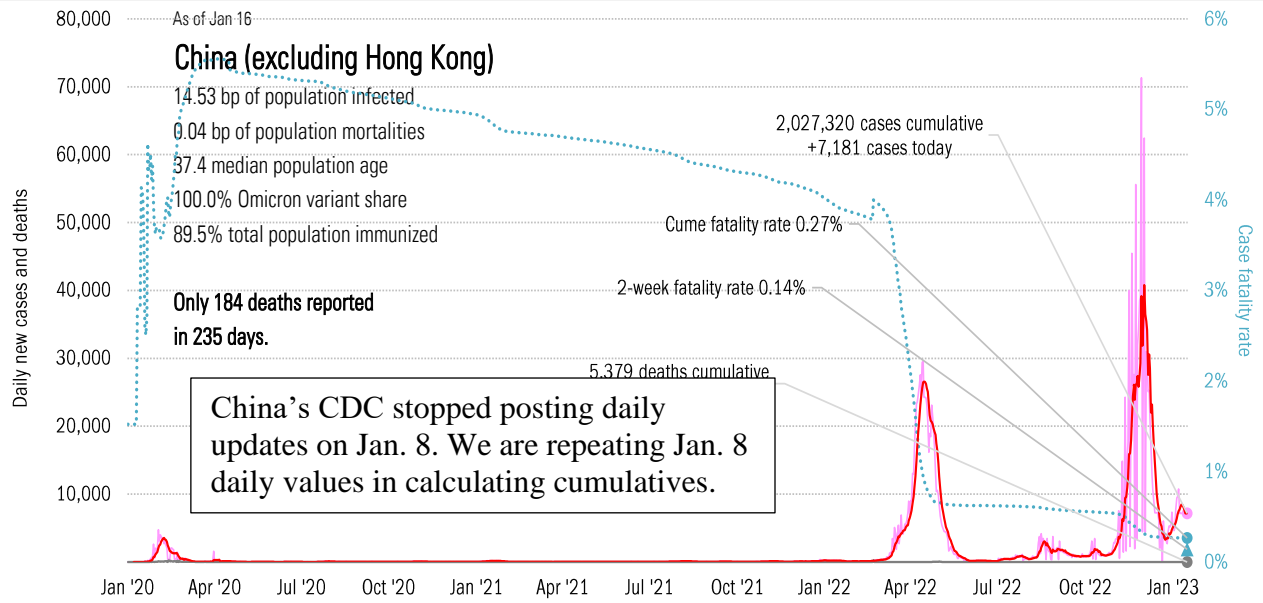
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

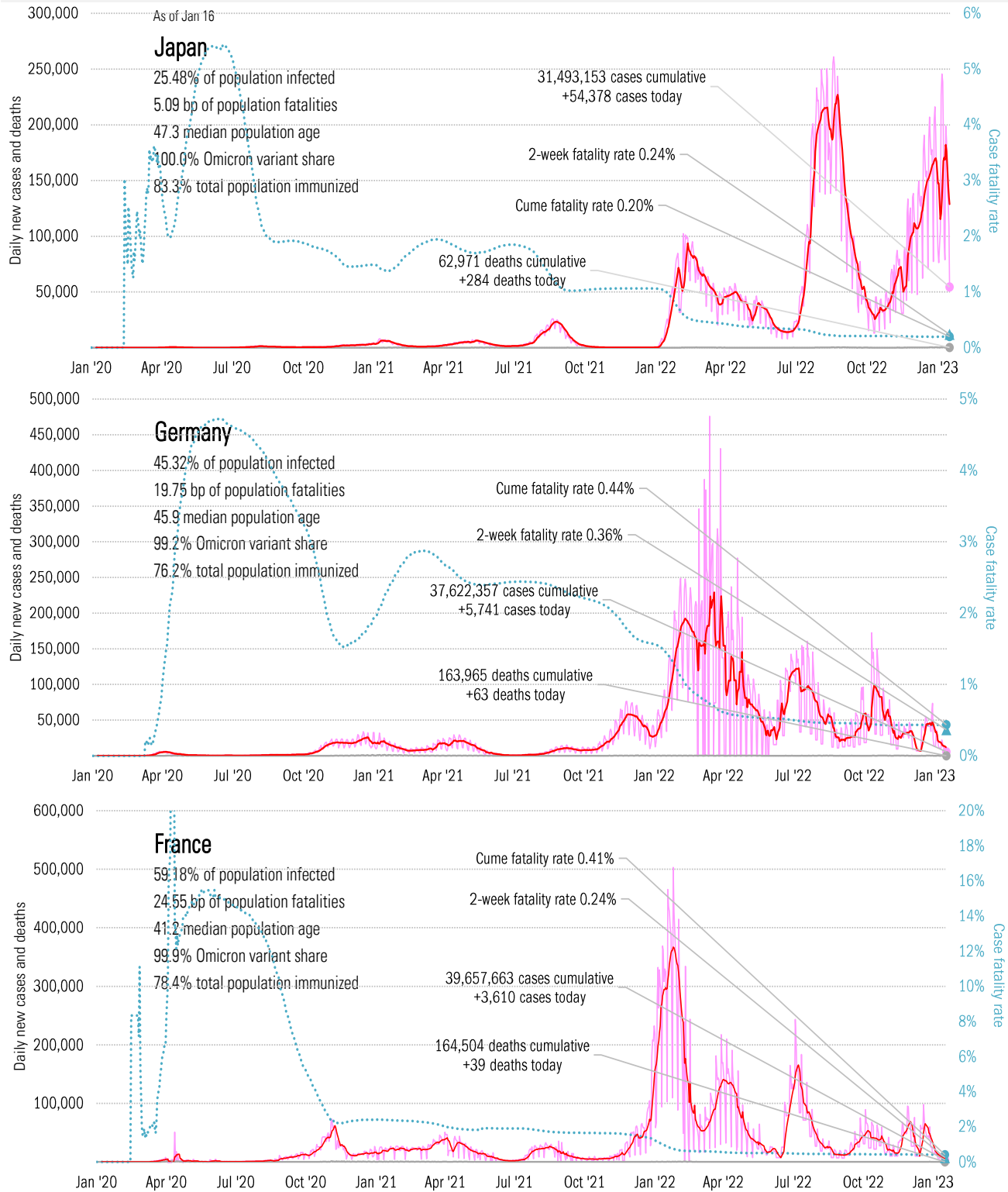
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

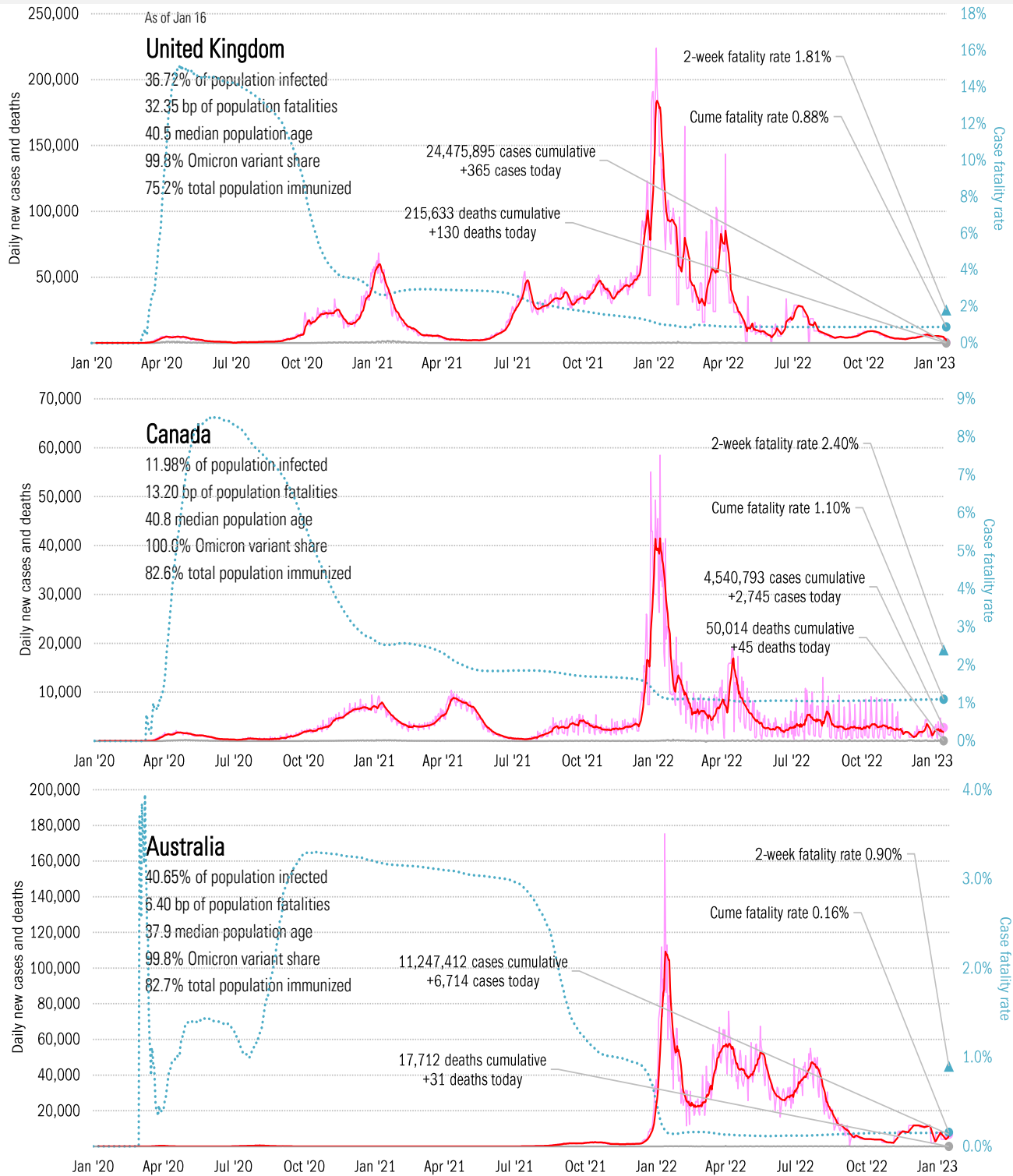
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

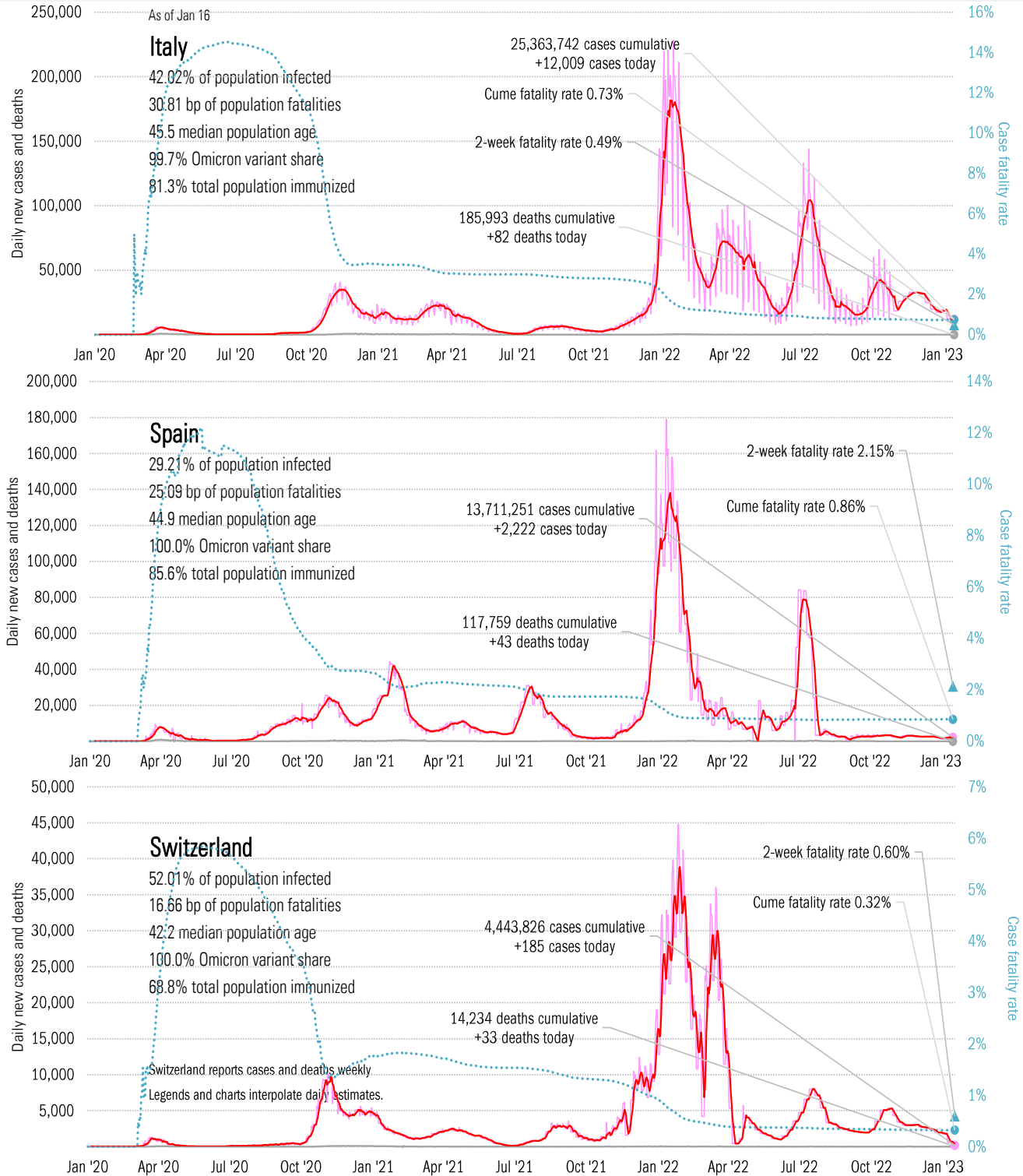
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

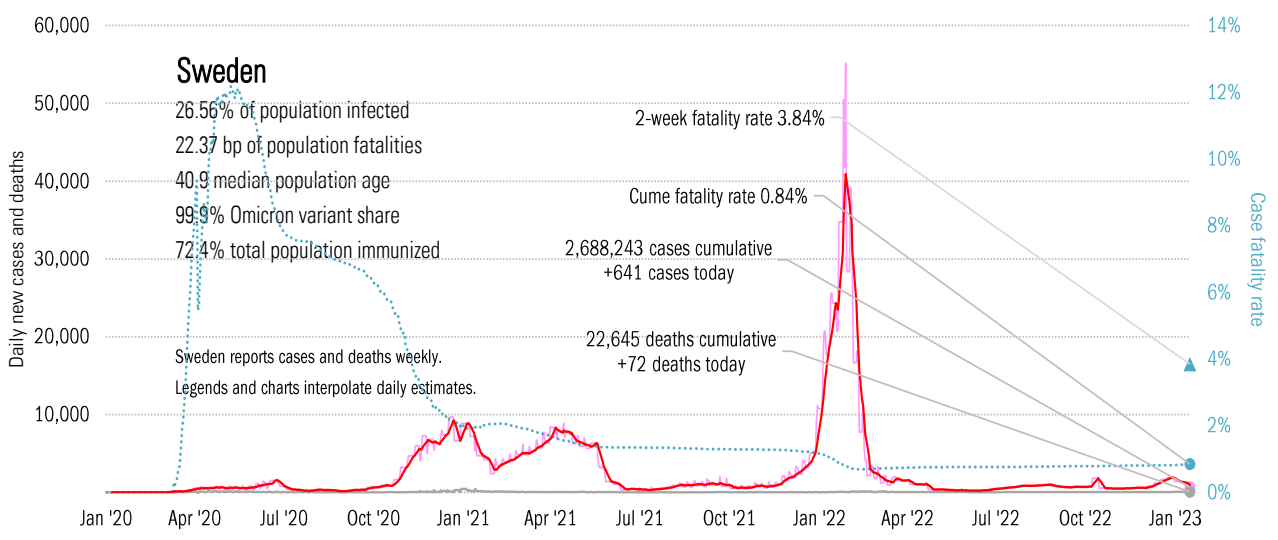
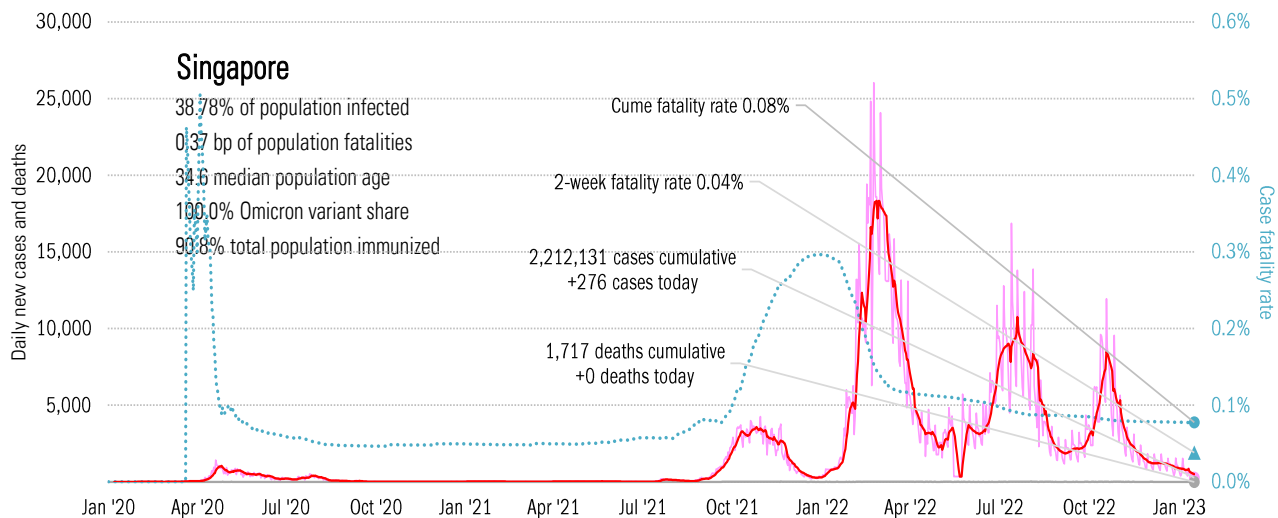
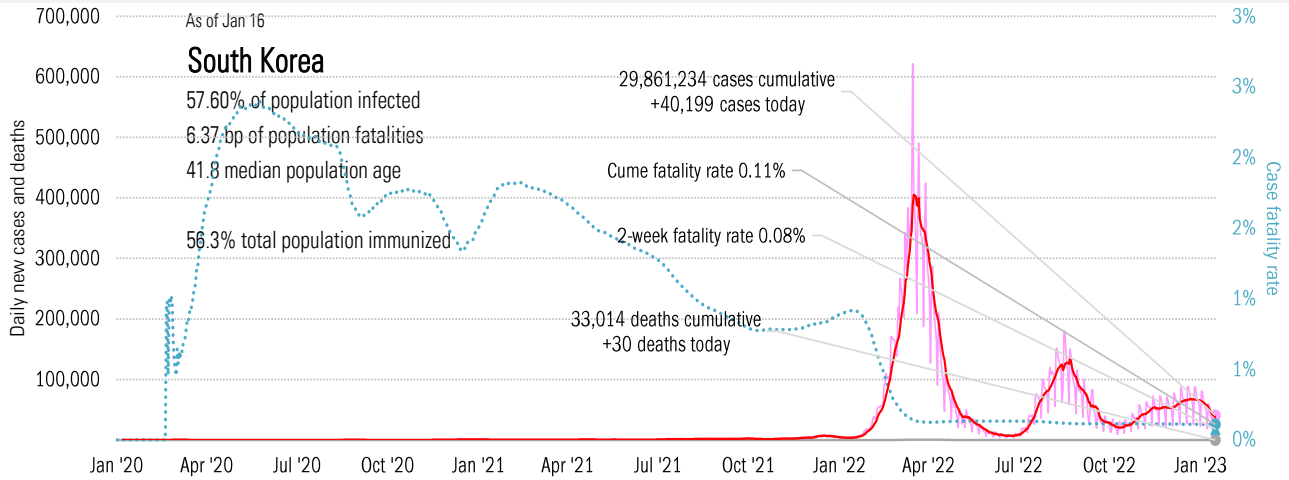
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

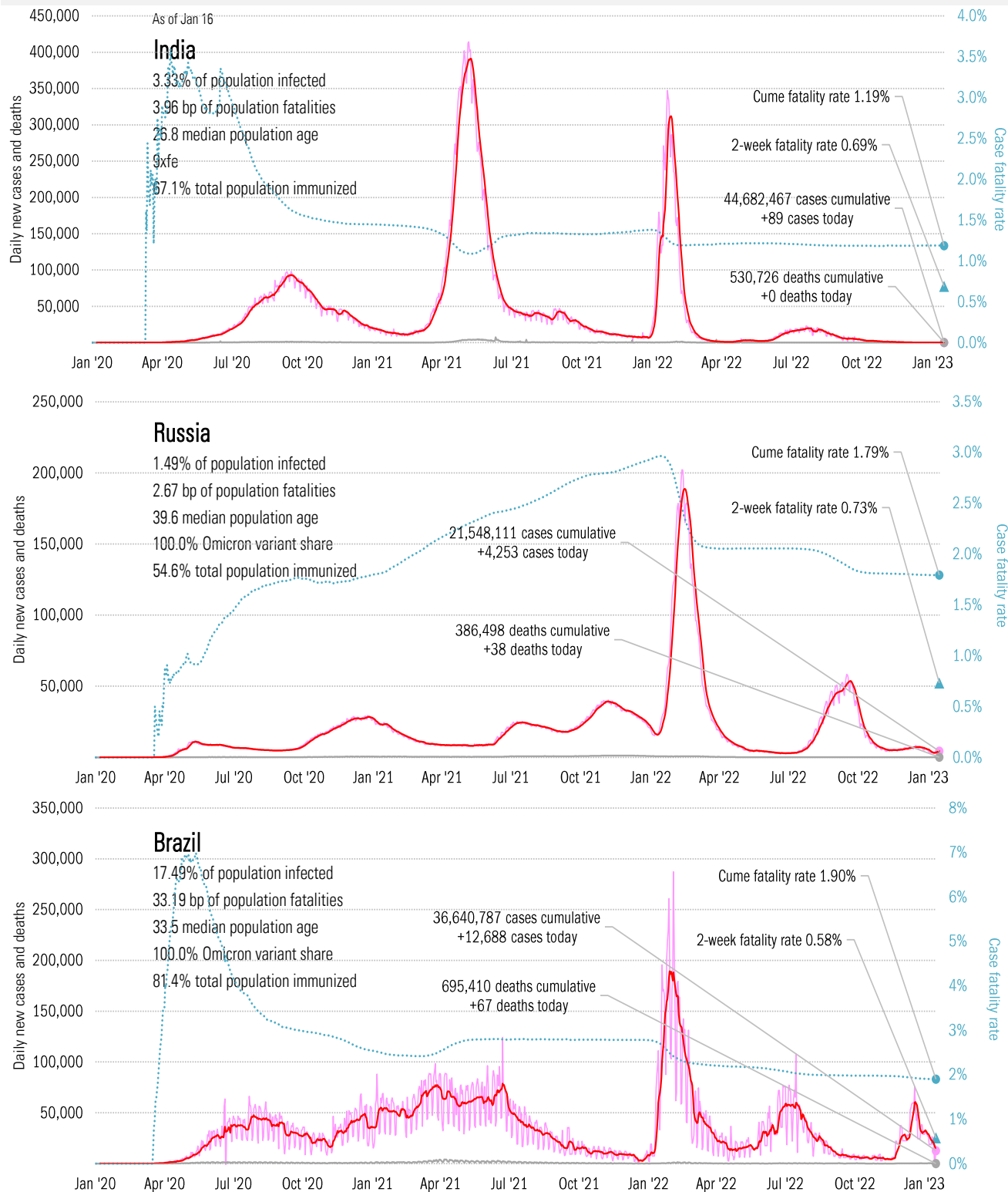
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

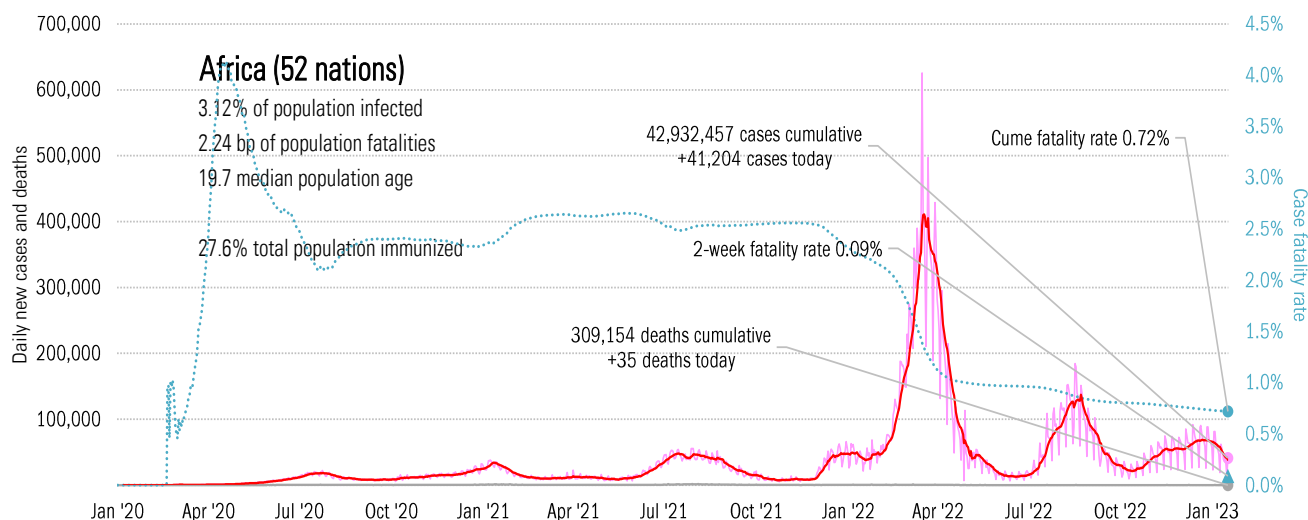
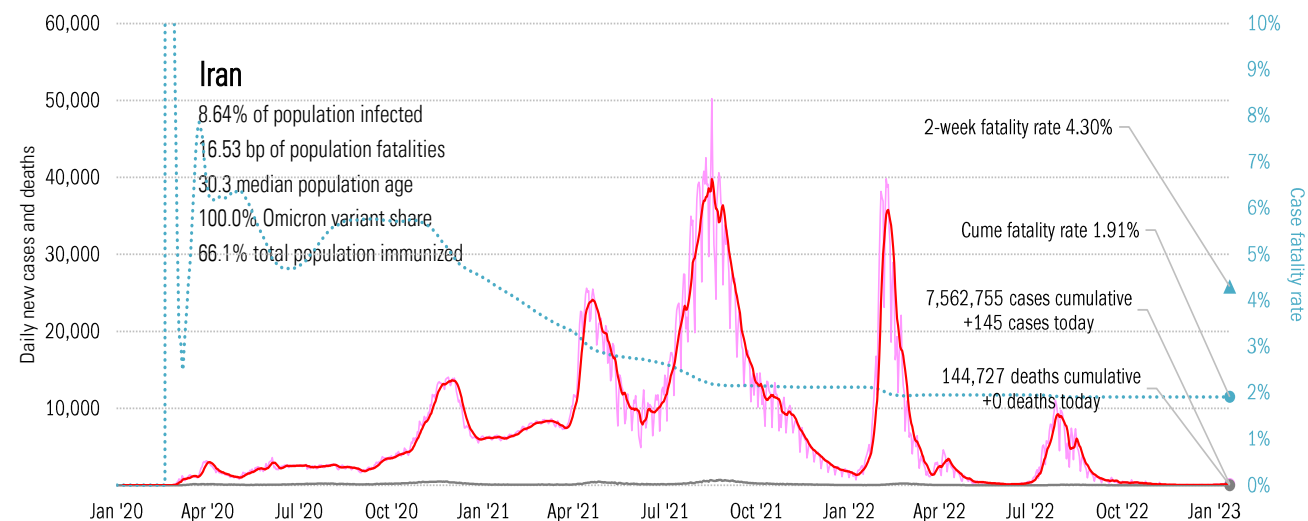
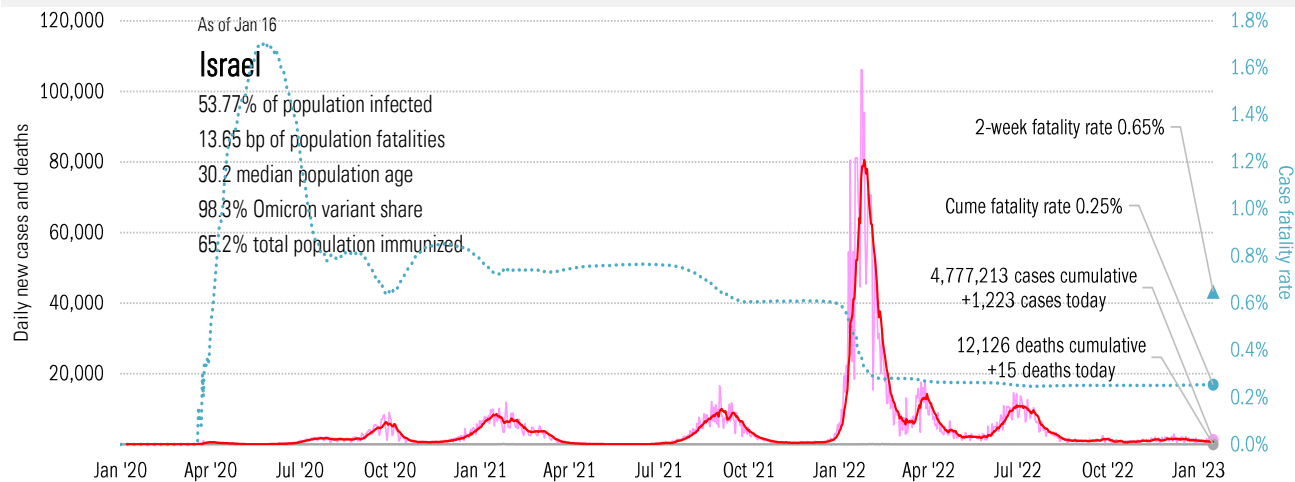
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

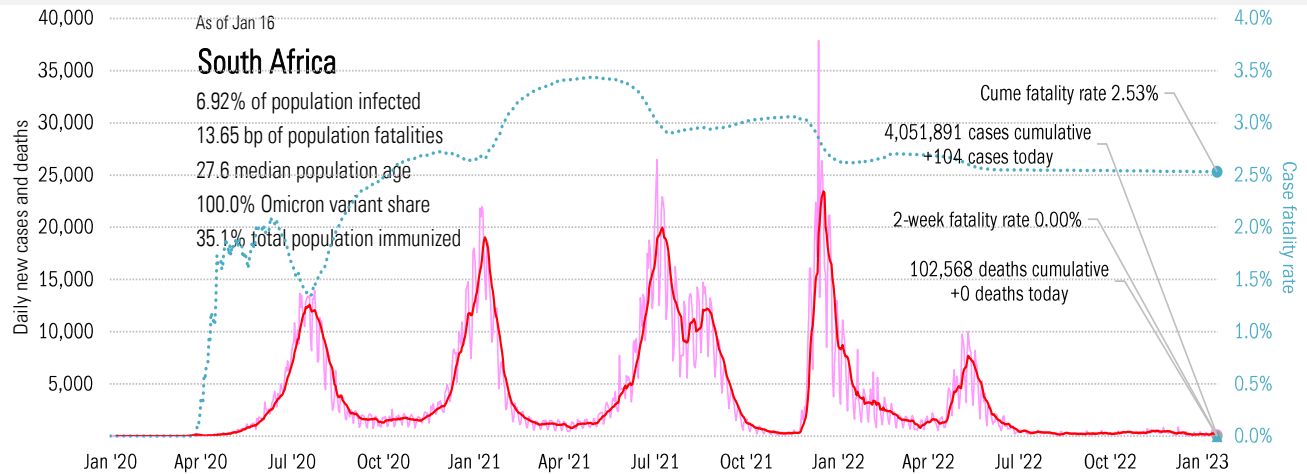
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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