

## Data Insights: Covid-2019 Monitor

Tuesday, January 10, 2023

### The global scorecard

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

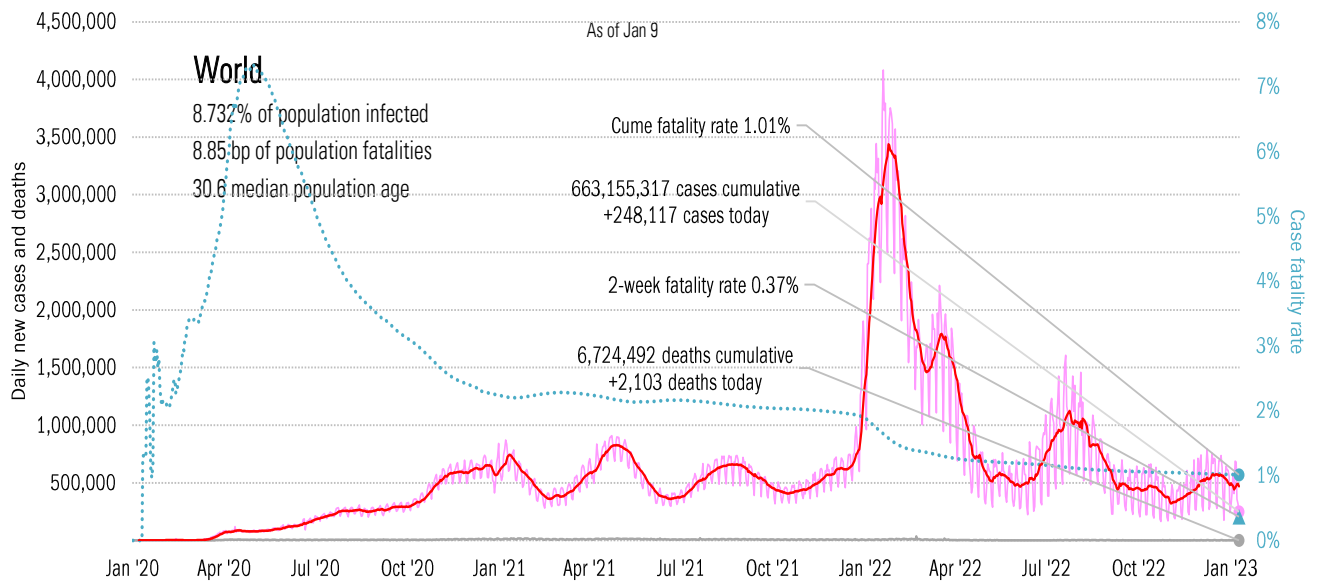
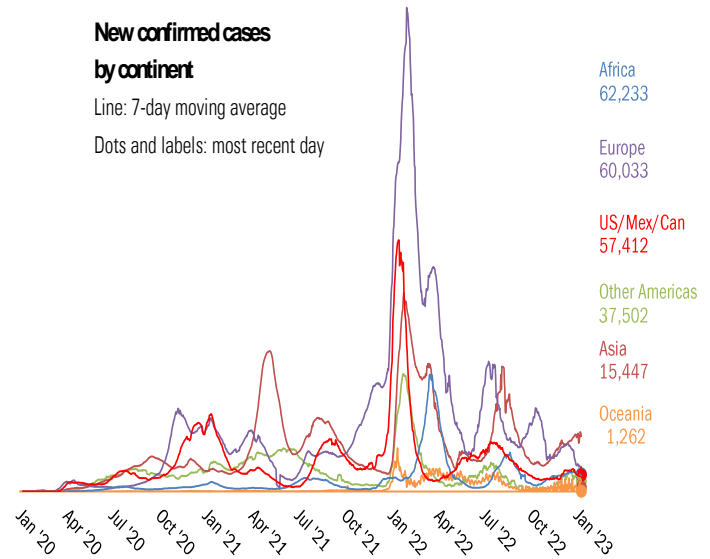
#### The worst ten countries

New cases		New Deaths	
Japan	95,308	United States	484
United States	73,650	Brazil	368
Korea, South	60,041	Japan	336
Argentina	40,982	Canada	188
Brazil	27,038	France	113
Italy	19,425	Italy	111
Taiwan*	17,314	Germany	96
Germany	10,178	Argentina	78
China	7,181	Spain	53
France	5,740	Romania	52
<b>356,857</b>		<b>1,879</b>	

#### New confirmed cases by continent

Line: 7-day moving average

Dots and labels: most recent day



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

#### For more information contact us:

Donald Luskin: 214 550 2121 [don@trendmacro.com](mailto:don@trendmacro.com)

Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

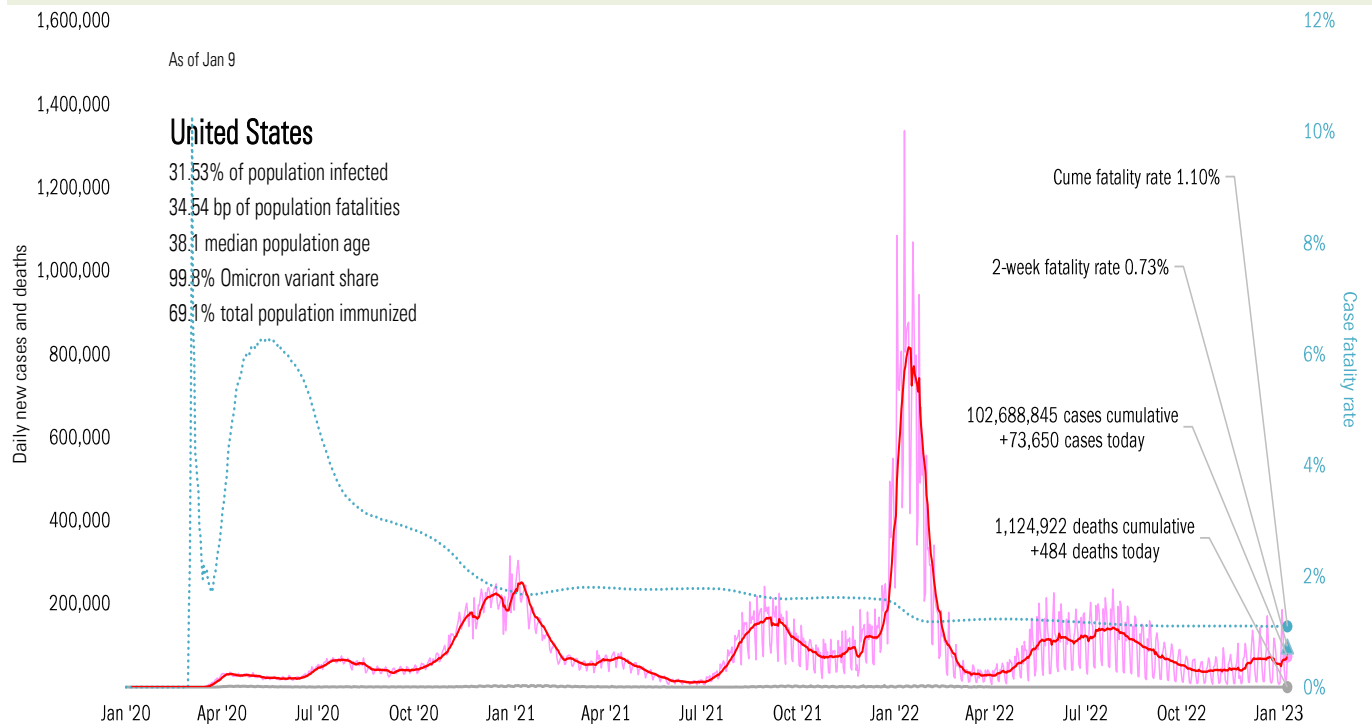
## The ten worst US states

New cases			New deaths			New in hospital			Cumulative cases			Cumulative deaths			Cumulative in hospital			Hospital use		ICU use	
NY	11,701		CA	84		CT	148		CA	11,884,021		CA	99,006		TX	573,543		DE	88%	MA	90%
FL	11,536		IL	45		CA	691		TX	8,267,923		TX	91,955		CA	548,336		RI	87%	TX	89%
NJ	7,642		NY	45		AL	105		FL	7,393,712		FL	84,176		FL	517,925		MI	87%	NC	89%
CA	5,135		FL	39		PA	217		NY	6,627,442		NY	75,474		NY	339,980		NH	87%	NH	88%
NC	3,070		CO	24		NM	17		IL	3,981,275		PA	49,034		CH	237,975		WA	87%	AL	88%
VA	2,108		MA	22		DE	30		PA	3,433,278		GA	41,520		GA	236,409		MO	86%	MS	87%
CH	1,985		CT	22		MA	190		NC	3,359,796		CH	41,033		PA	222,604		MN	85%	NE	87%
GA	1,971		PA	20		MN	76		CH	3,321,463		MI	40,836		IL	206,369		AK	85%	AK	85%
WI	1,969		RI	19		VA	163		GA	2,998,991		IL	40,747		MI	176,513		NC	84%	MO	85%
MA	1,707		AZ	18		GA	231		MI	2,998,447		NJ	35,604		NJ	155,404		WV	84%	KY	84%
48,824			339			1,868			54,266,348			599,385			3,215,058						
All states	73,650		484		5,469		All states	102,688,845		1,124,922		5,833,107		All states	70%	67%					
Top ten	66%		70%		34%		Top ten	54%		55%		55%		Median	79%	78%					

Some states not reporting

## Five most improved US states

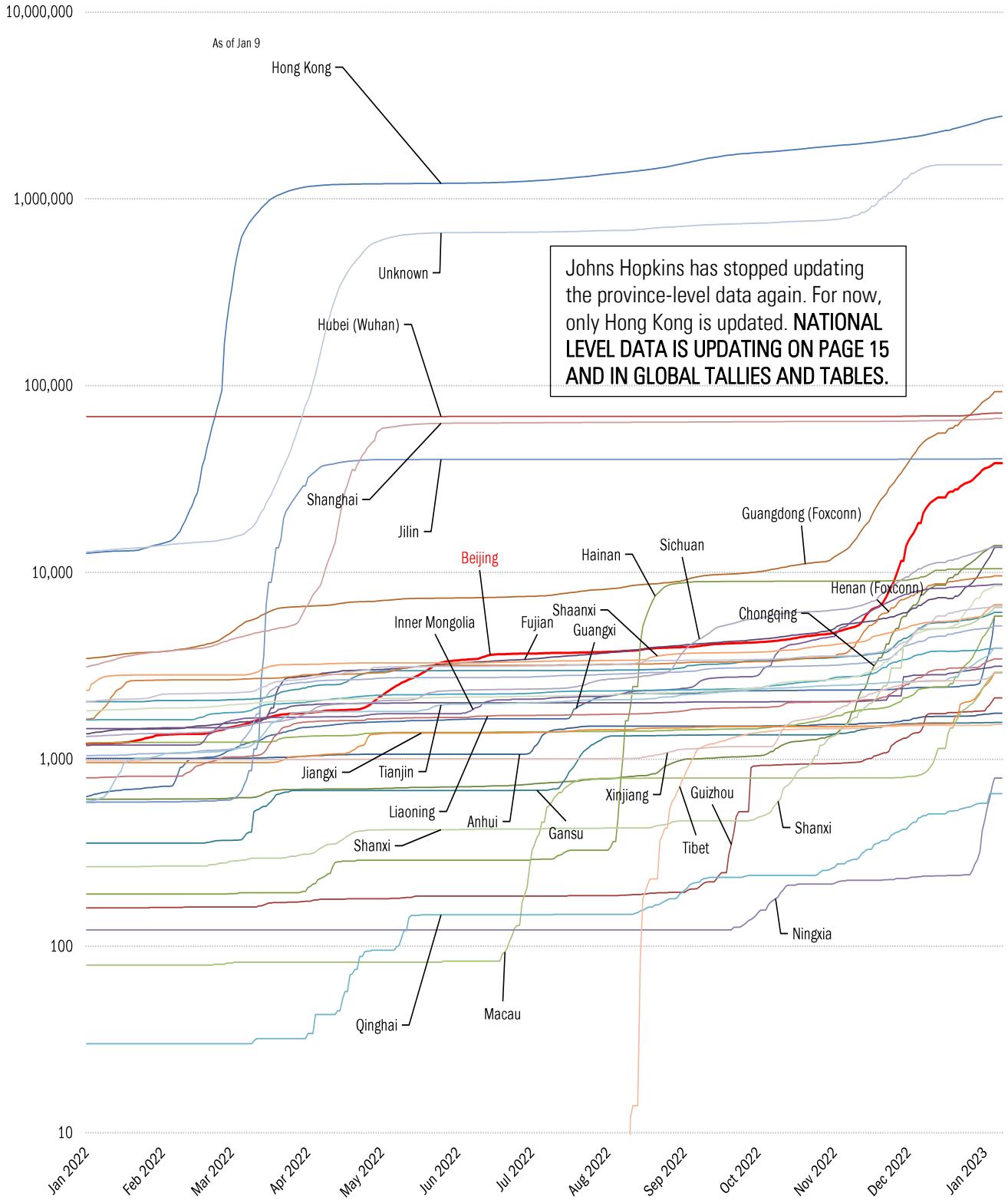
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
TX	-2,467	FL	-39	FL	-275
CA	-934	WV	-8	NY	-144
PA	-728	MO	-5	TX	-144
KS	-363	MD	-2	NJ	-86
CT	-121	NH	-1	LA	-73



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"*

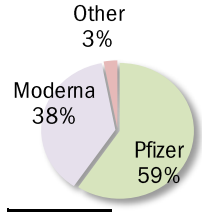


Source: [Johns Hopkins](#), TrendMacro calculations

# Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	681,672,640		+0.183 million		US	69.0%	80.8%
			Of which boosters: +0.157 million		UK	75.2%	79.7%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	276,944,352	83%	236,067,457	71%	+0.018 million	Spain	85.5%
Age 12 to 17	18,423,075	73%	15,770,112	62%	+0.001 million	Germany	76.2%
Age 18 to 64	184,170,530	91%	156,546,552	77%	+0.010 million	Italy	81.3%
Age 65 and over	60,993,756	100%	53,409,974	97%	+0.003 million	Australia	82.7%
						Israel	65.2%
						Canada	82.5%
						Japan	83.2%
						Africa	27.5%
						India	67.1%
						Brazil	81.2%
						China	89.4%



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

"Immunity" = two doses

AK
72.8%
65.0%

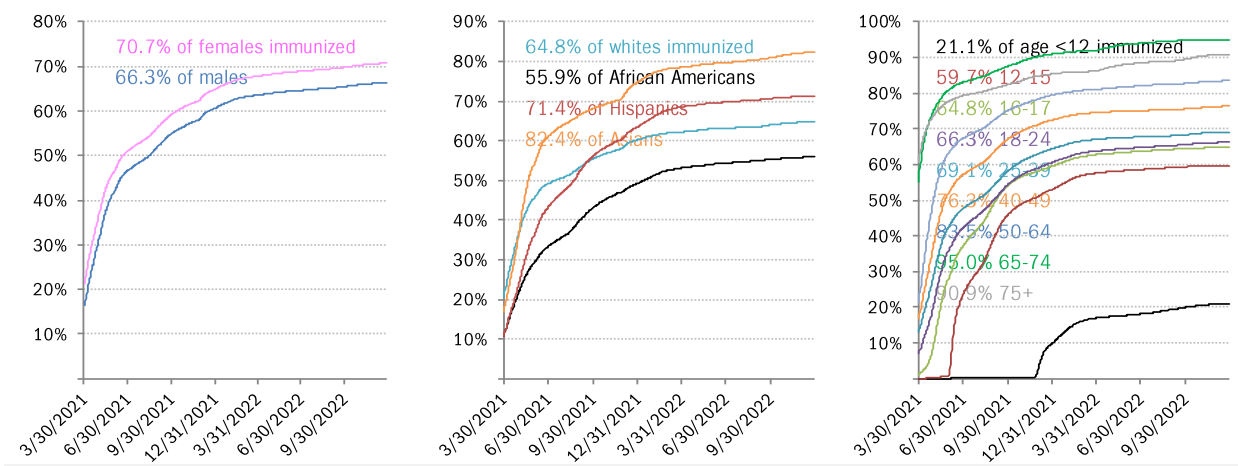
WI
74.9%
68.0%

As of Jan 6

ME
95.0%
83.1%

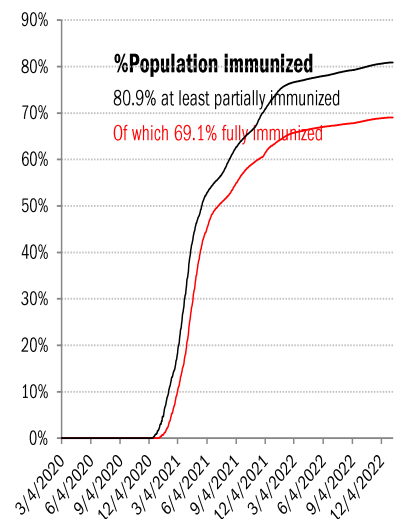
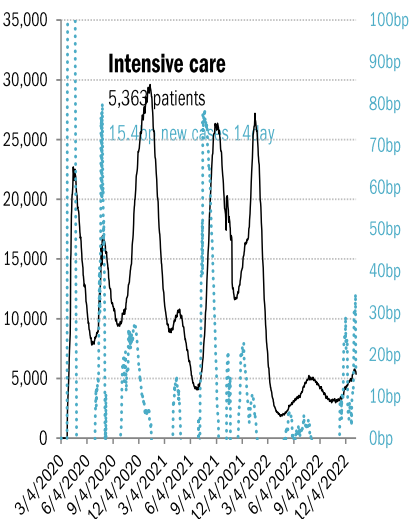
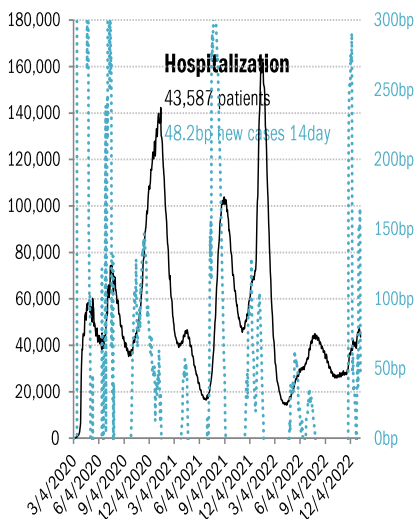
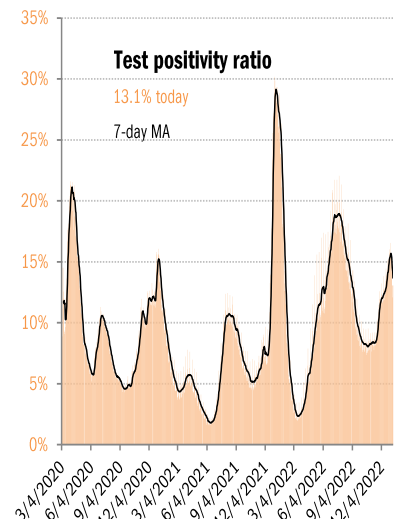
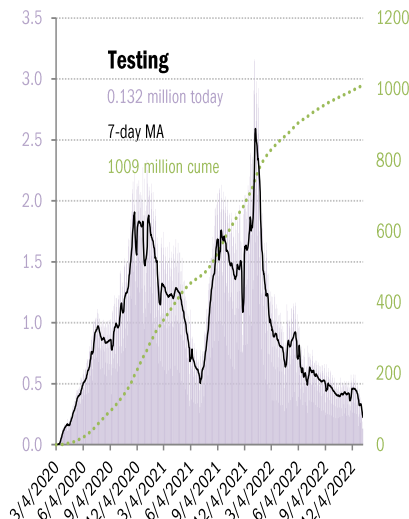
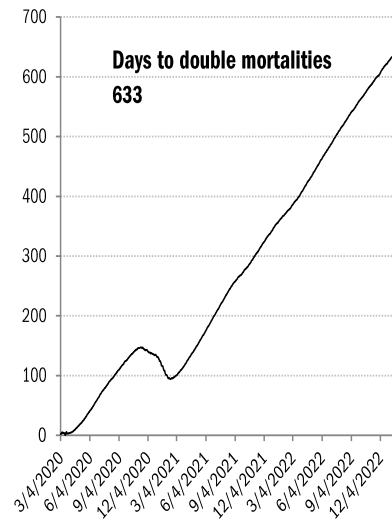
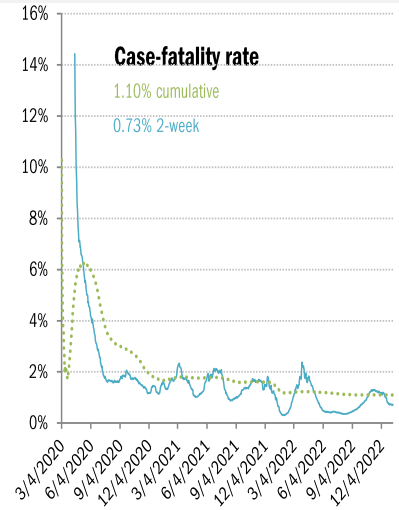
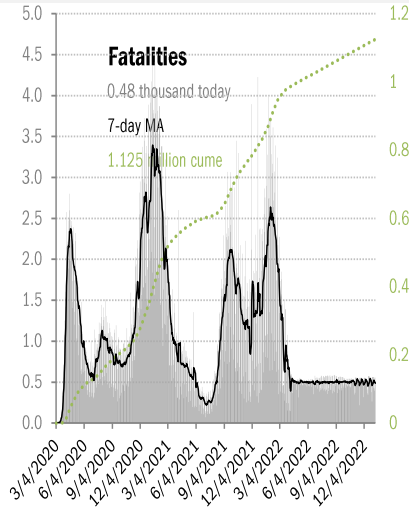
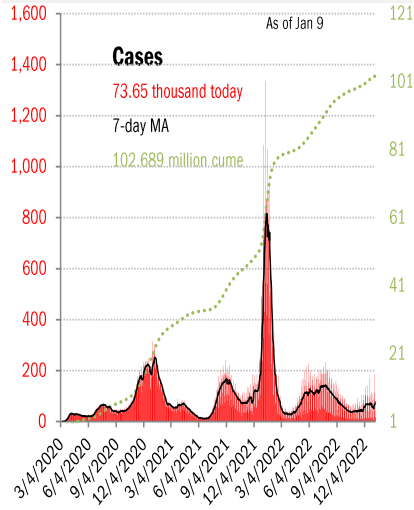
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
84.9%	63.7%	68.1%	69.1%	78.5%	78.9%	69.3%	94.1%	95.0%	87.5%	
75.8%	56.3%	59.0%	58.4%	71.9%	71.0%	62.2%	80.5%	85.3%	71.5%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.3%	77.3%	60.8%	83.5%	70.5%	64.2%	65.6%	90.2%	94.3%	95.0%	
72.2%	63.6%	52.9%	66.0%	64.2%	57.6%	60.3%	73.0%	78.9%	83.9%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.4%	75.0%	83.4%	73.2%	69.1%	68.7%	67.3%	90.7%	91.4%	95.0%	95.0%
74.4%	66.5%	73.2%	66.1%	58.9%	59.5%	59.6%	76.4%	79.4%	82.8%	87.4%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	77.2%	93.9%	75.9%	69.7%	64.3%	91.7%	70.8%	95.0%	87.9%	
	65.8%	74.9%	65.0%	56.7%	56.2%	66.8%	59.7%	85.5%	73.1%	
			OK	LA	MS	AL	GA			
			74.4%	62.7%	61.5%	64.8%	68.2%			
			60.3%	54.9%	53.6%	53.0%	57.1%			
			TX					FL		PR
			76.1%					82.1%		95.0%
			63.1%					69.2%		86.7%

## The demographics of US vaccination

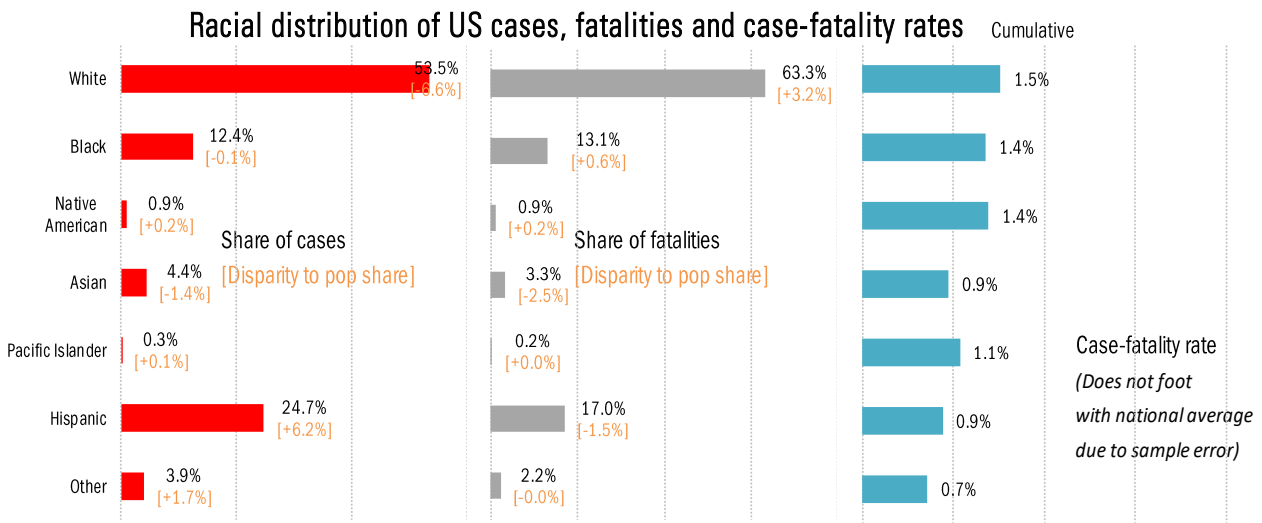
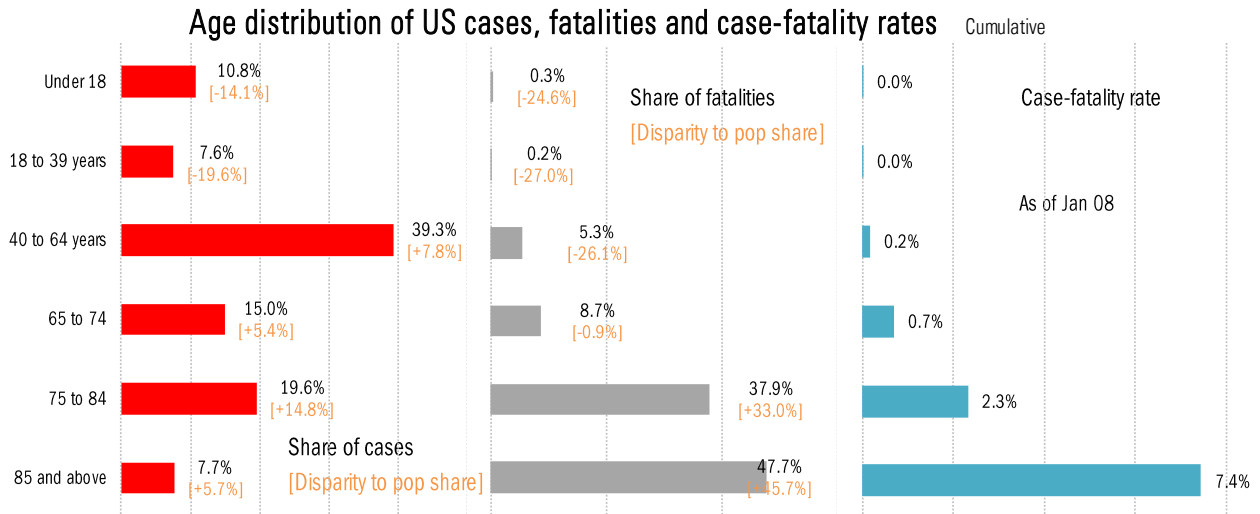


Source: CDC, CDC, Our World in Data, TrendMacro calculations

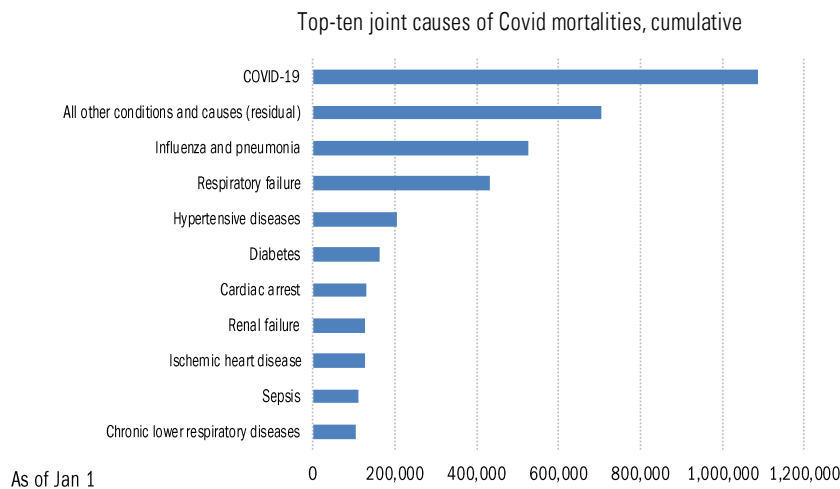
# US deep-dive



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

[Where Are the Next Covid Treatments?](#)

*Wall Street Journal*

January 9, 2023

[From the Twitter Files: Pfizer board member Scott Gottlieb secretly pressed Twitter to hide posts challenging his company's massively profitable Covid jabs](#)

Alex Berenson

*Unreported Truths*

January 9, 2023

[The Satanic Temple dedicating 'largest satanic gathering in history' to Boston mayor, will require masks](#)

Jon Brown

*Fox News*

January 8, 2023

## Meme of the Day

Somebody's got to help her!



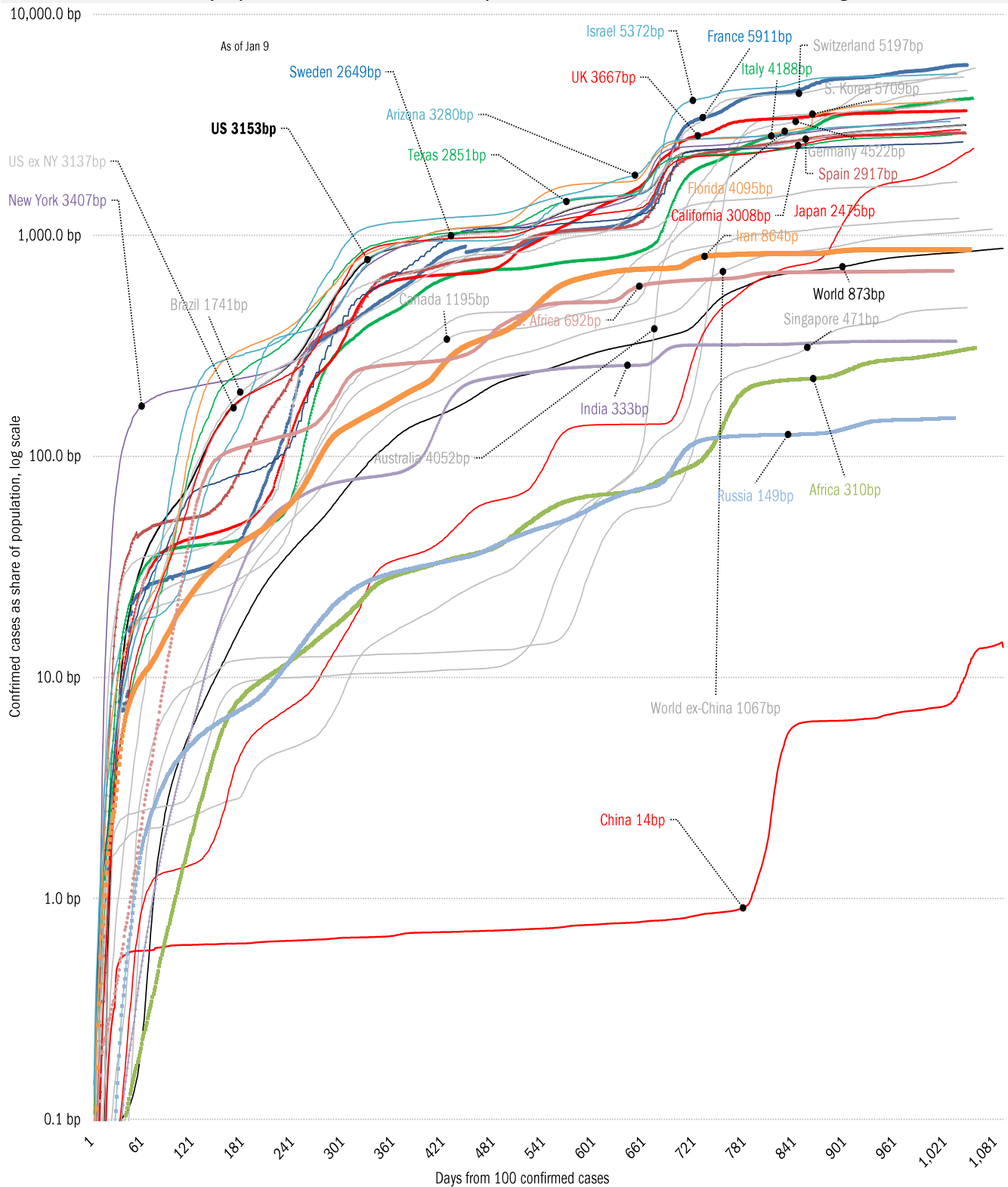
She needs to roll up the window

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



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

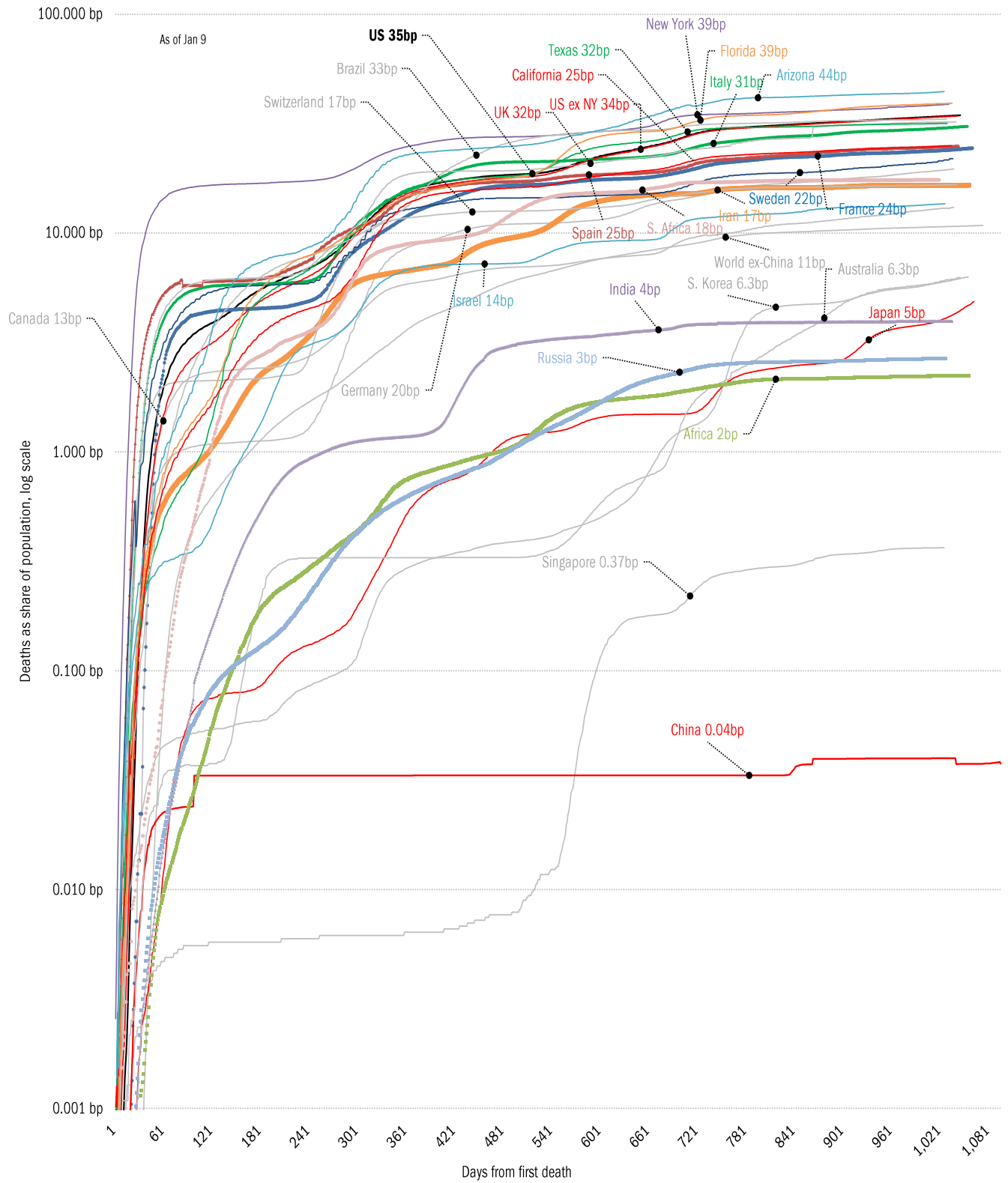
## Share of infected population from first day with 100 confirmed cases, log scale



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



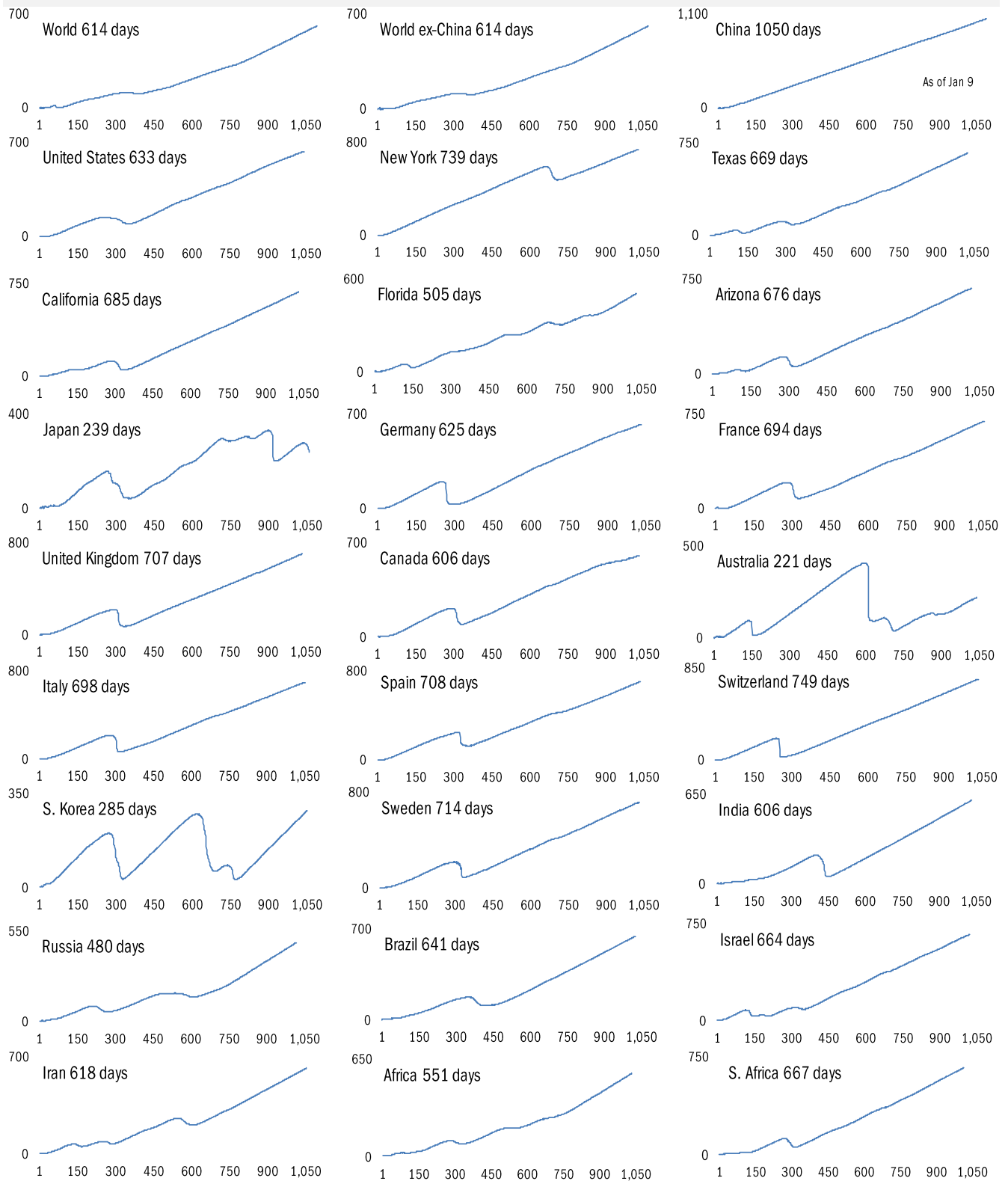
The global coronavirus mortality accelerometer ... tracking the world's fatality curves  
*Share of population deceased from day of first fatality, log scale*



# 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

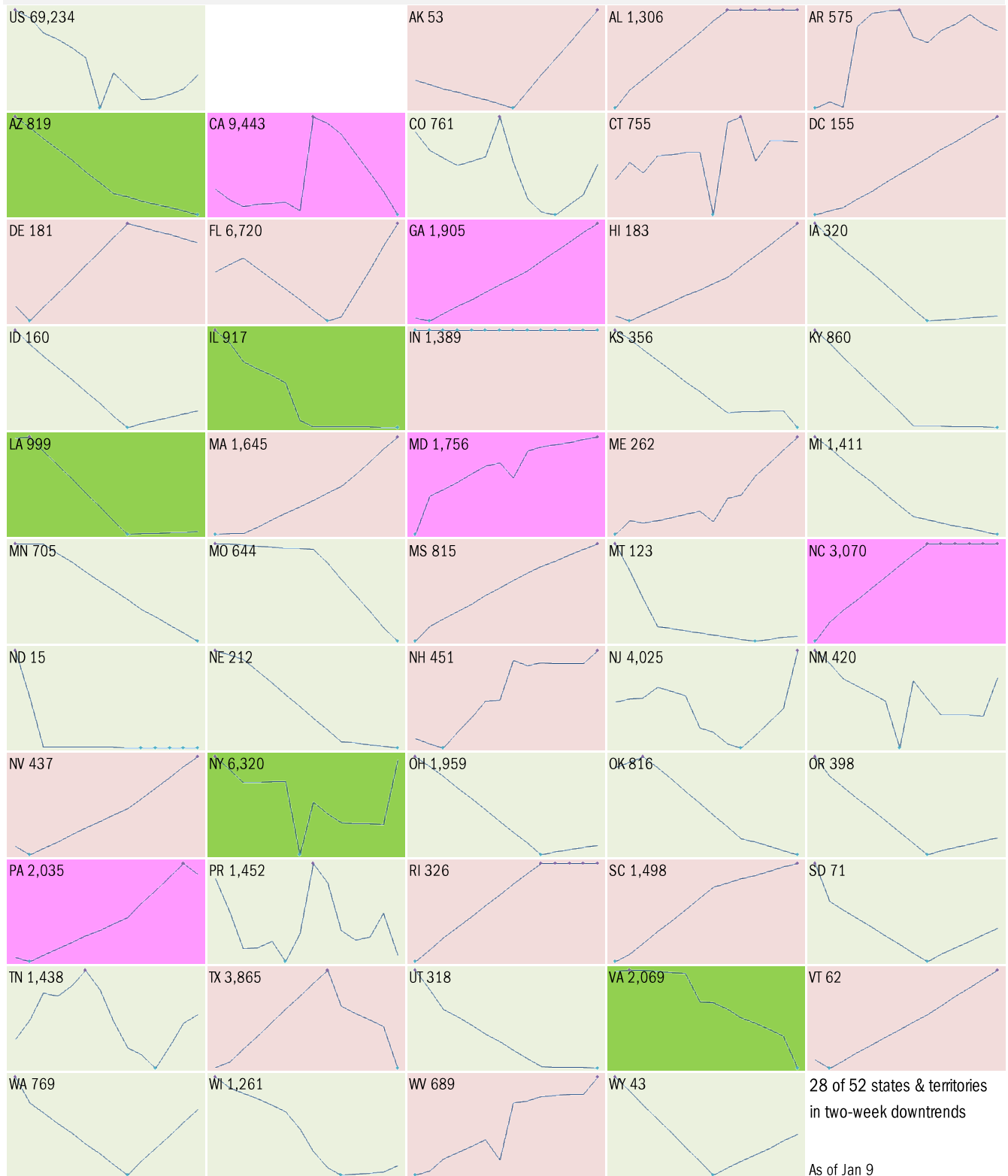


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

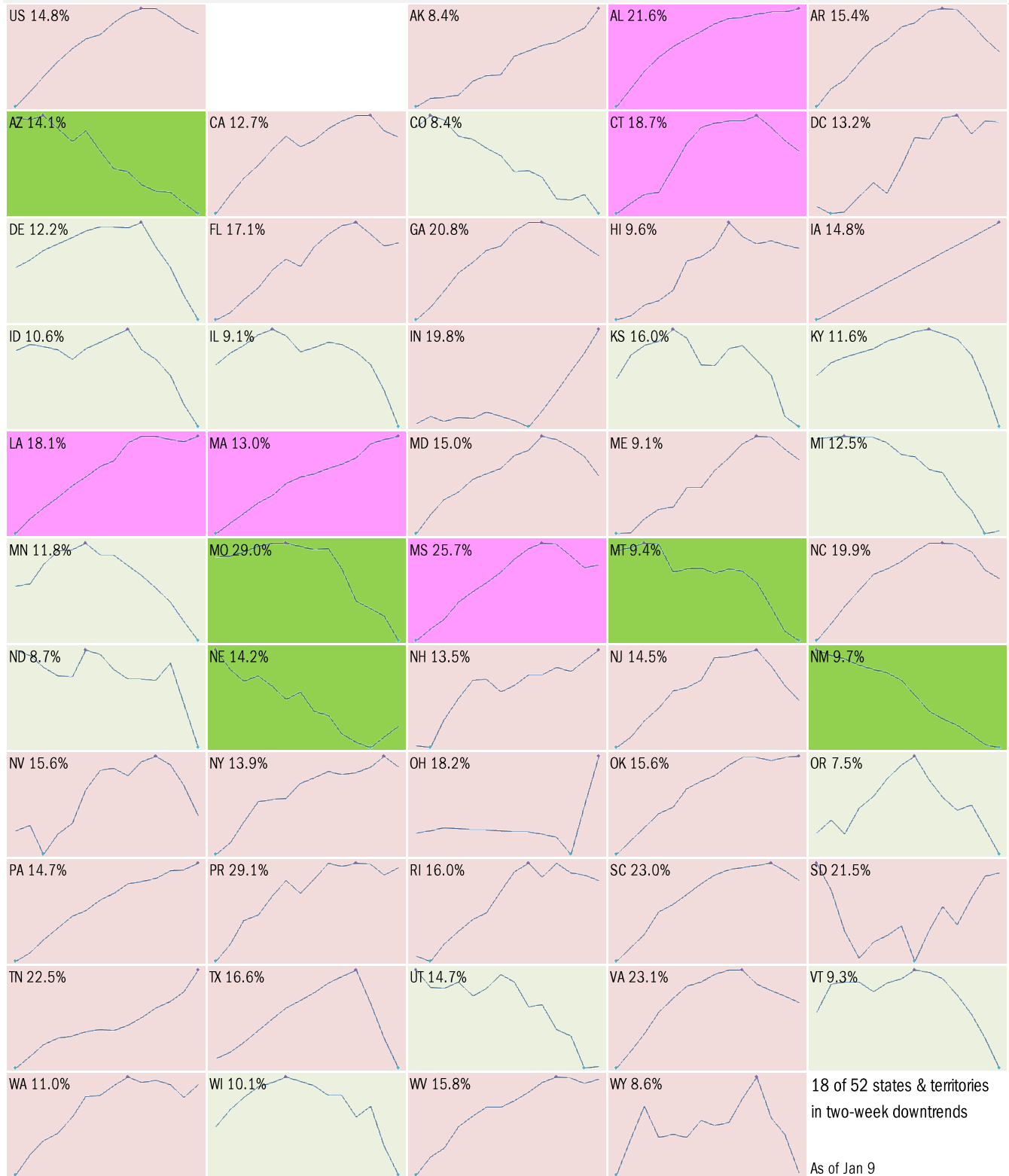


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

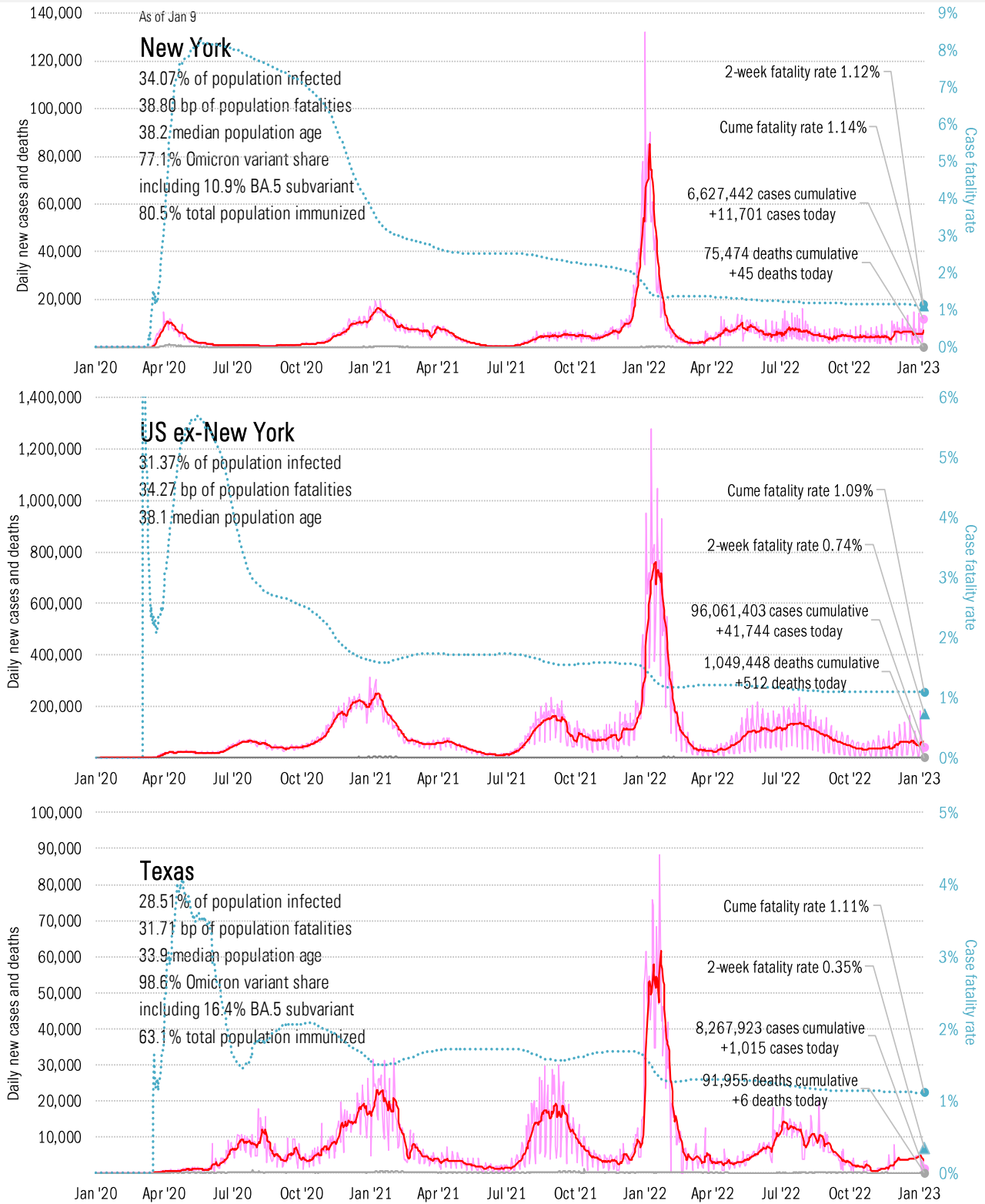
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

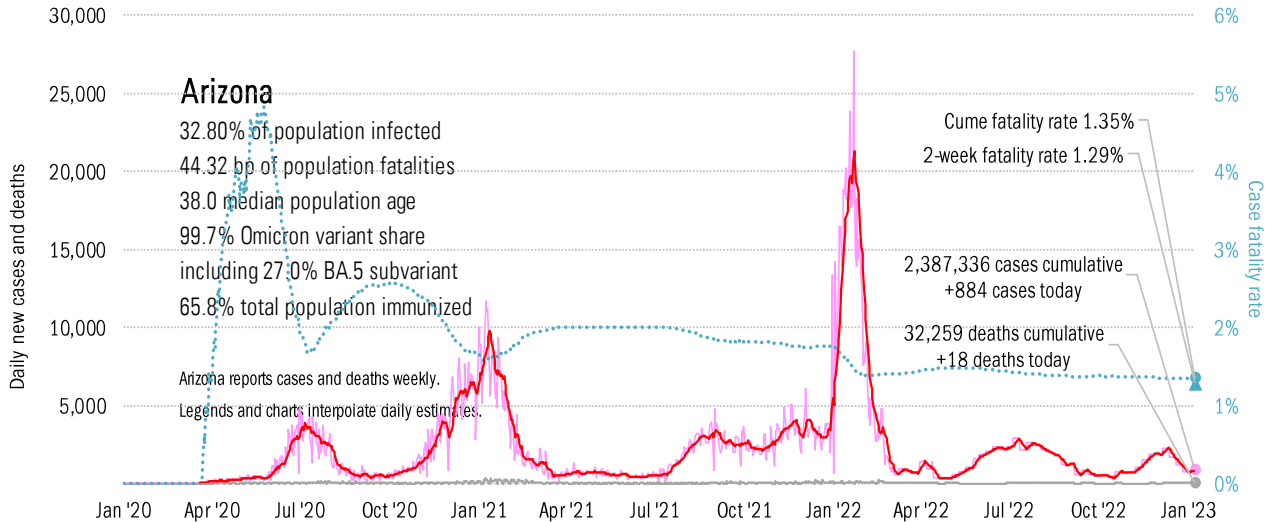
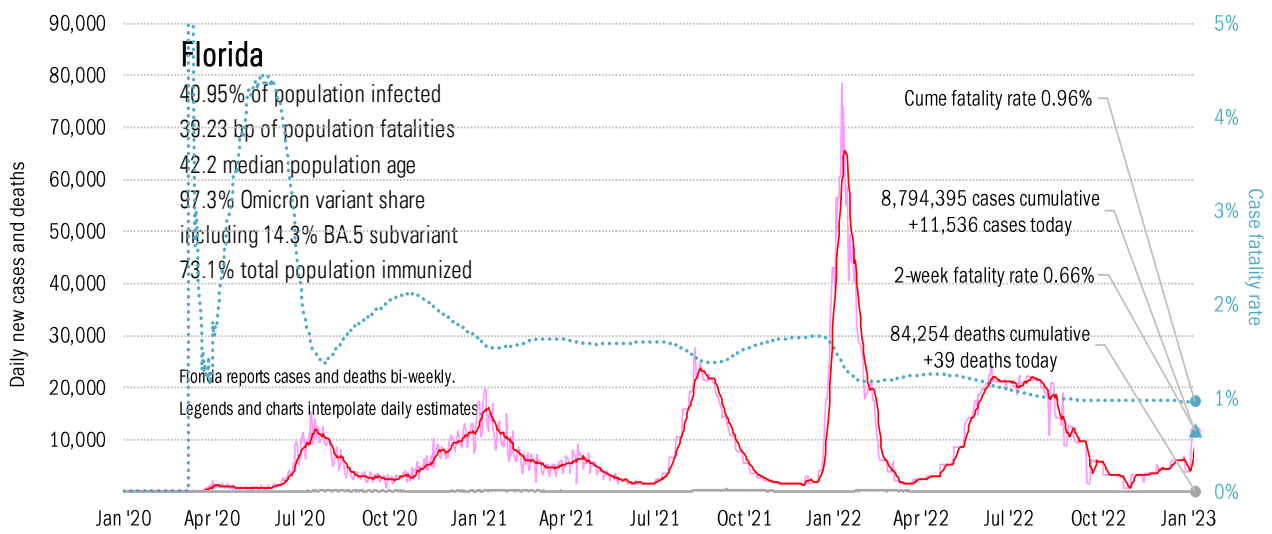
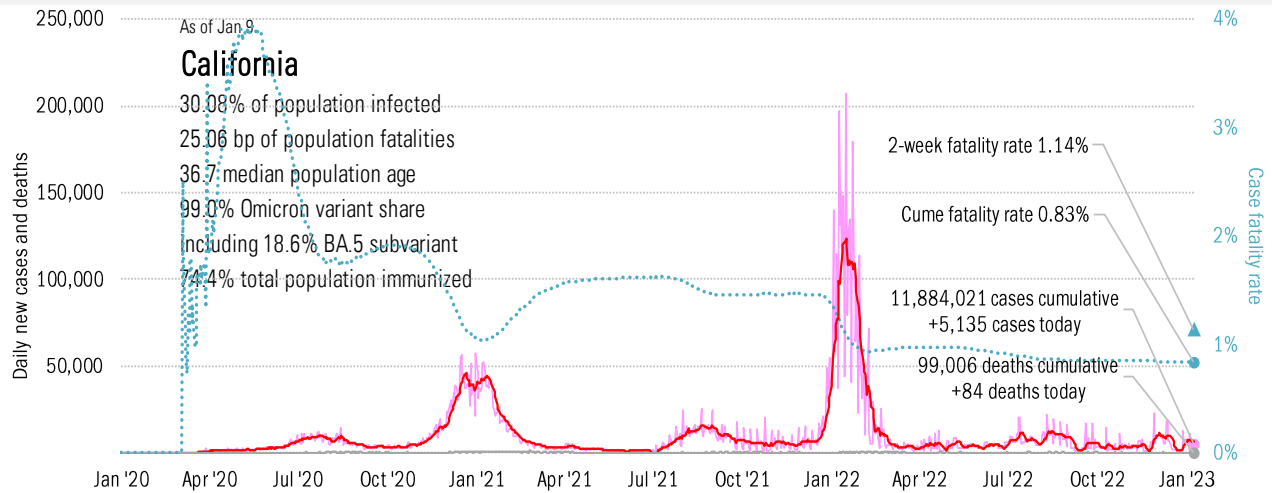
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

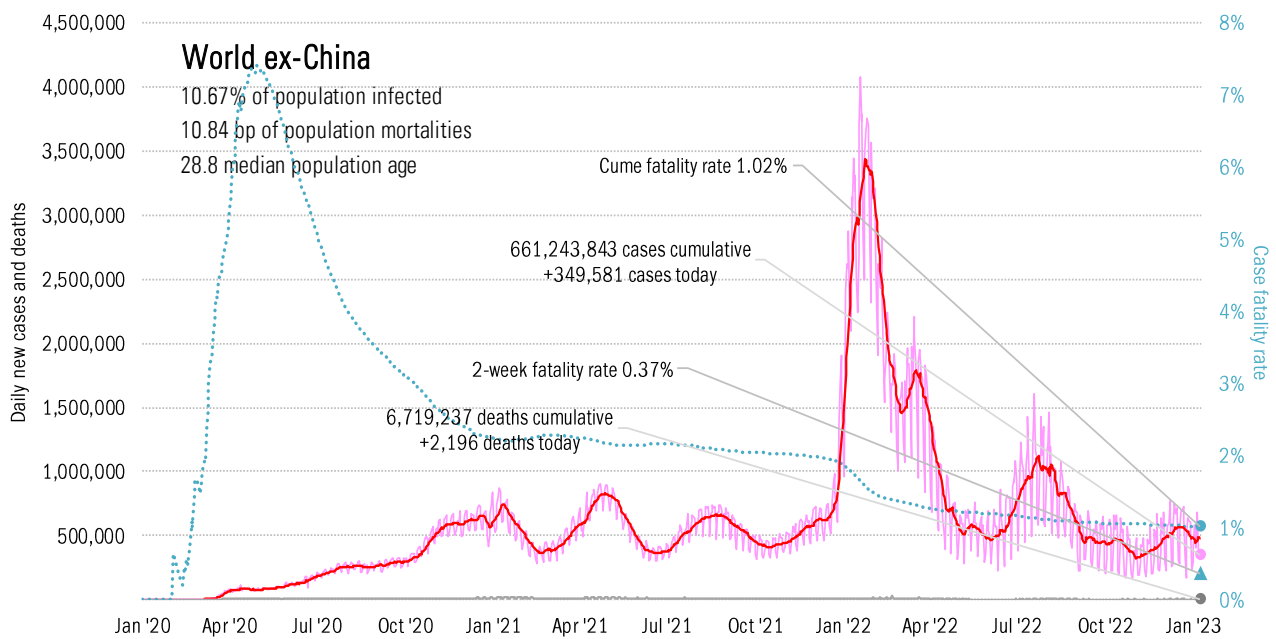
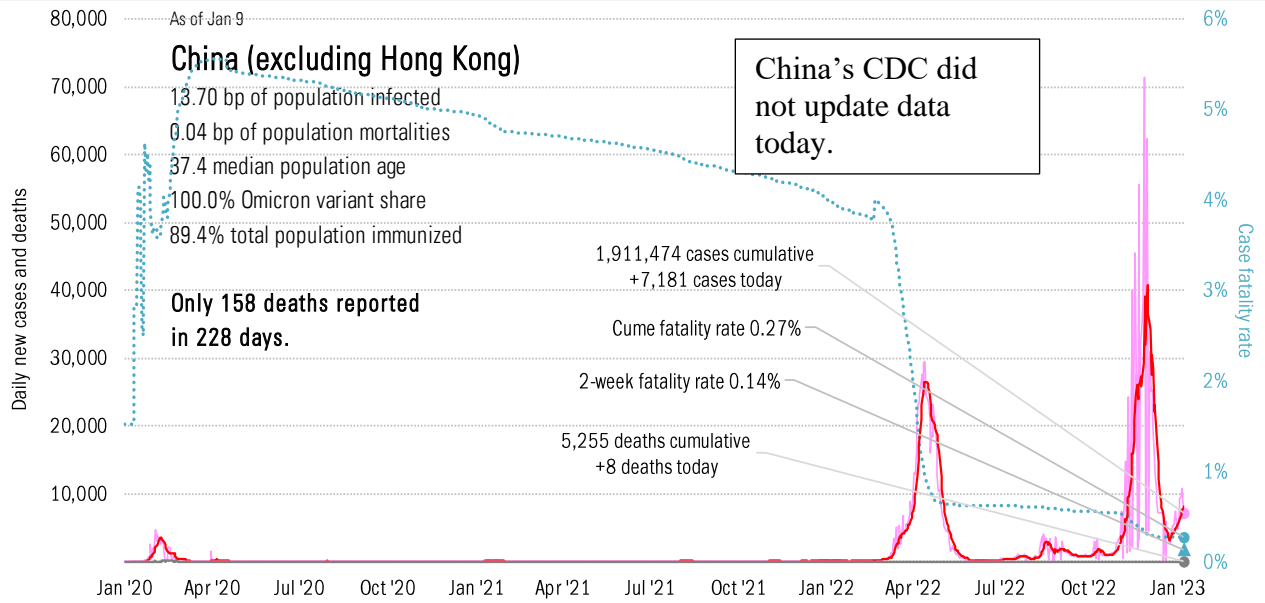
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

Cases: 7-day average and daily Deaths: Daily

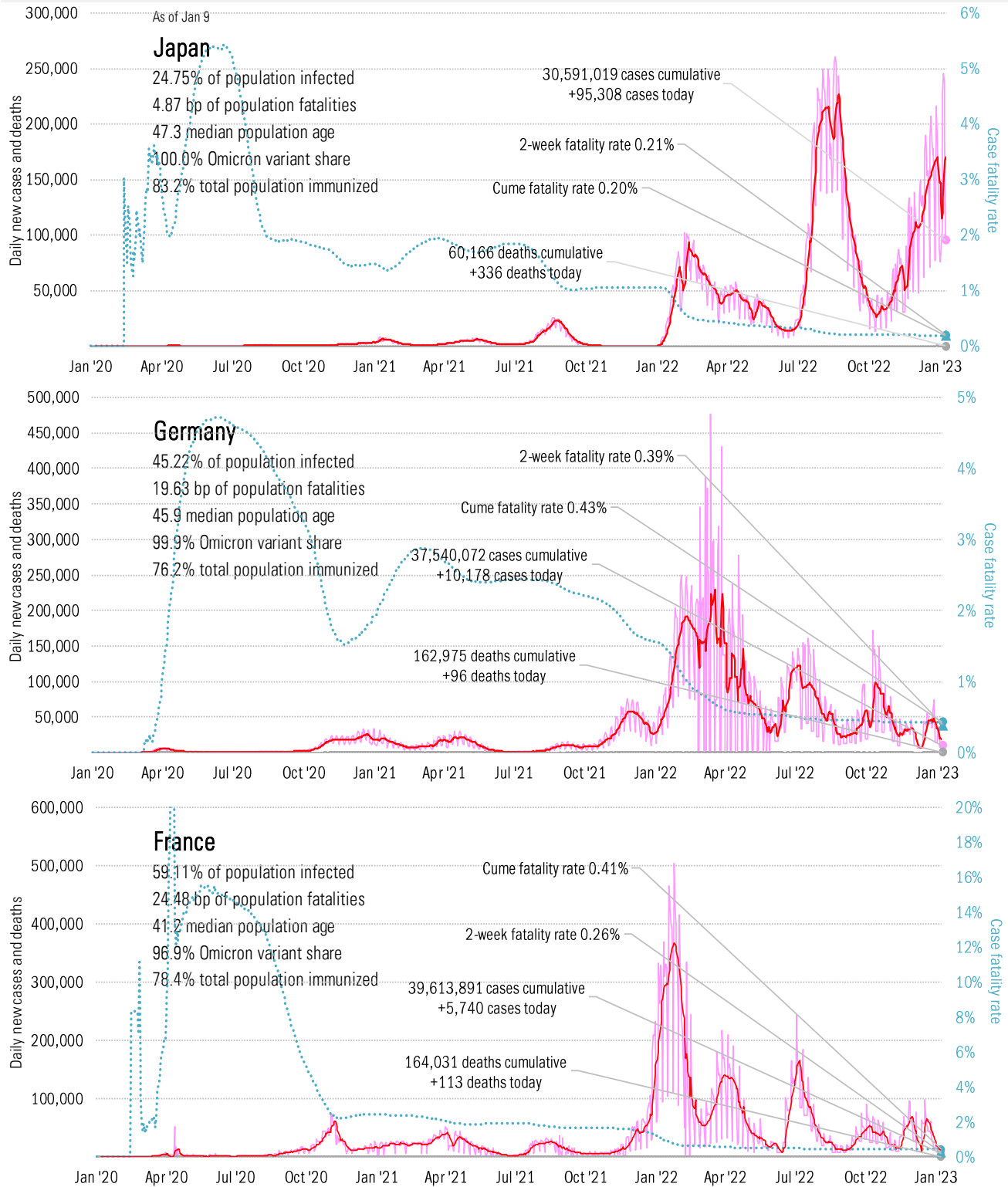


Source: [Johns Hopkins](#), [China CDC](#), TrendMacro calculations



# Impact in the largest economies

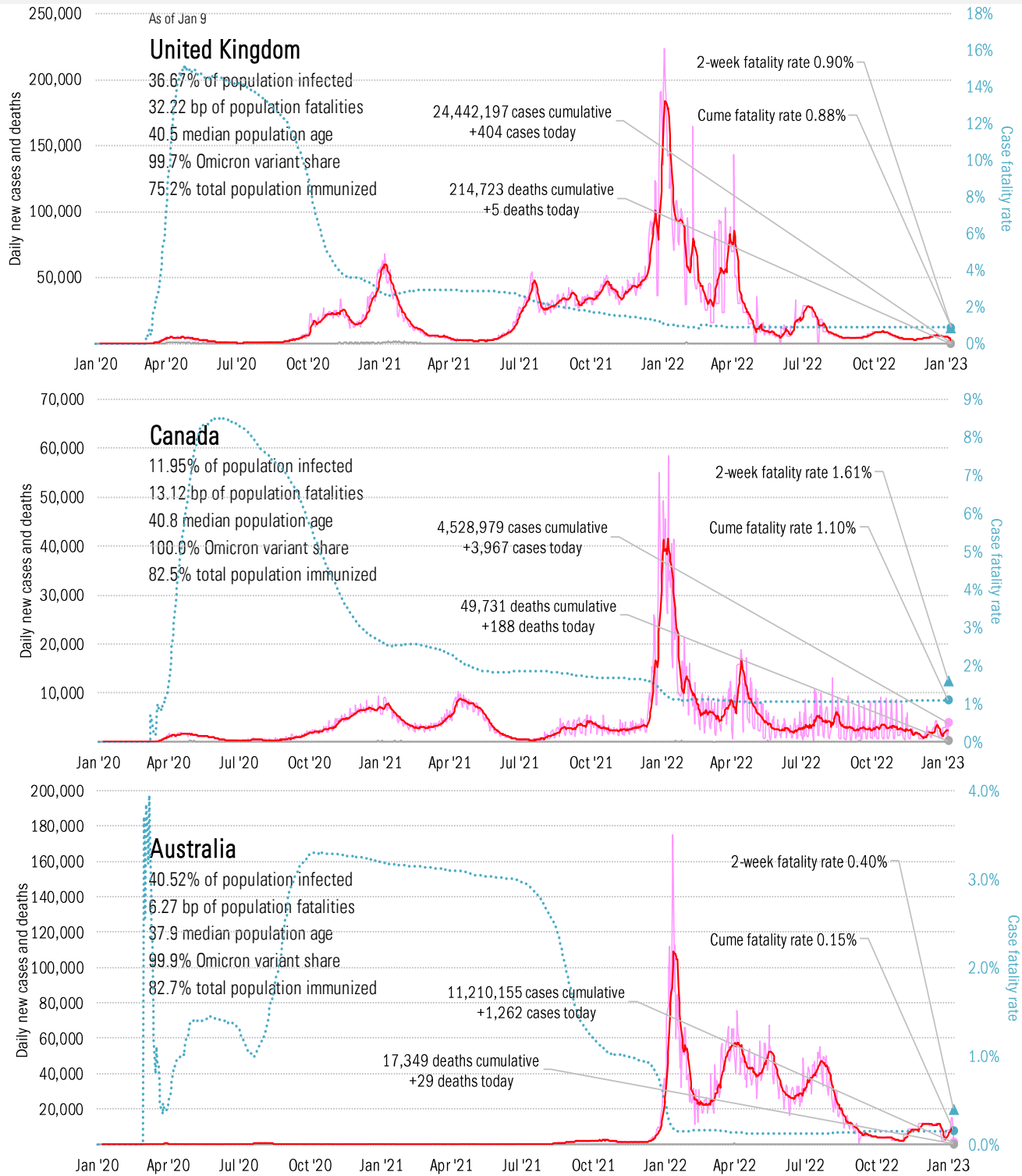
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

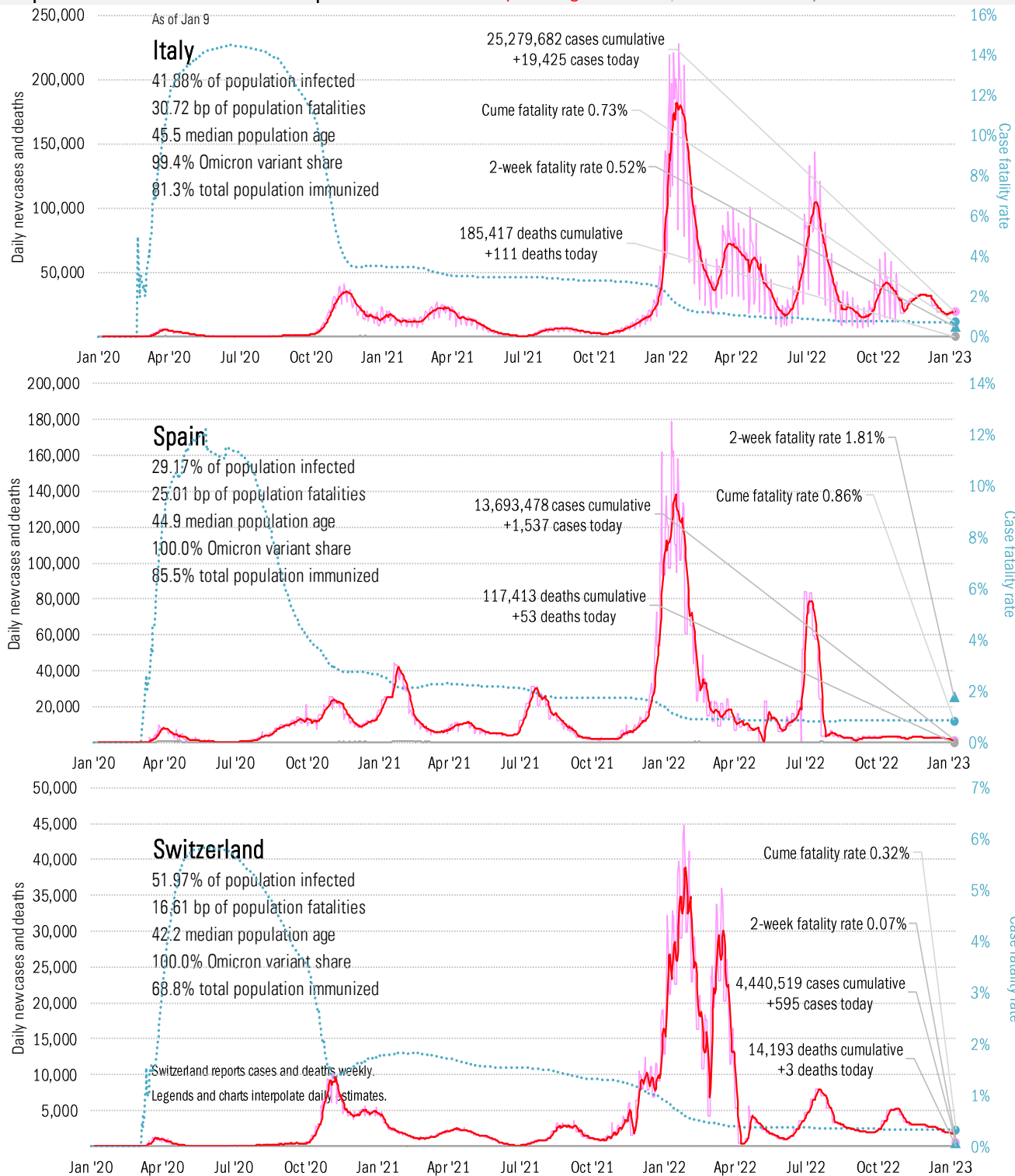
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

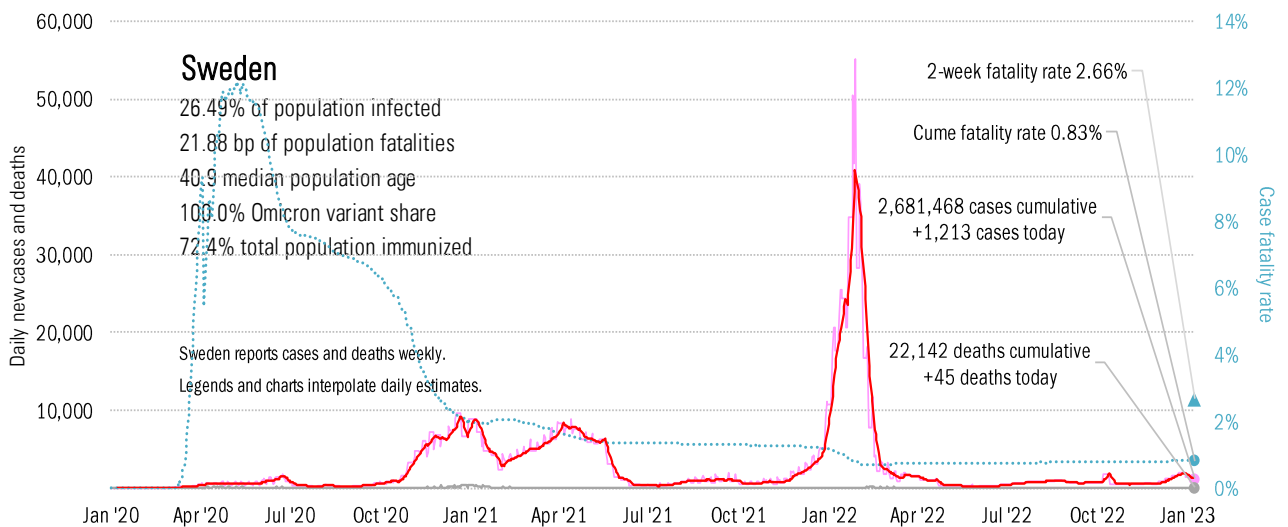
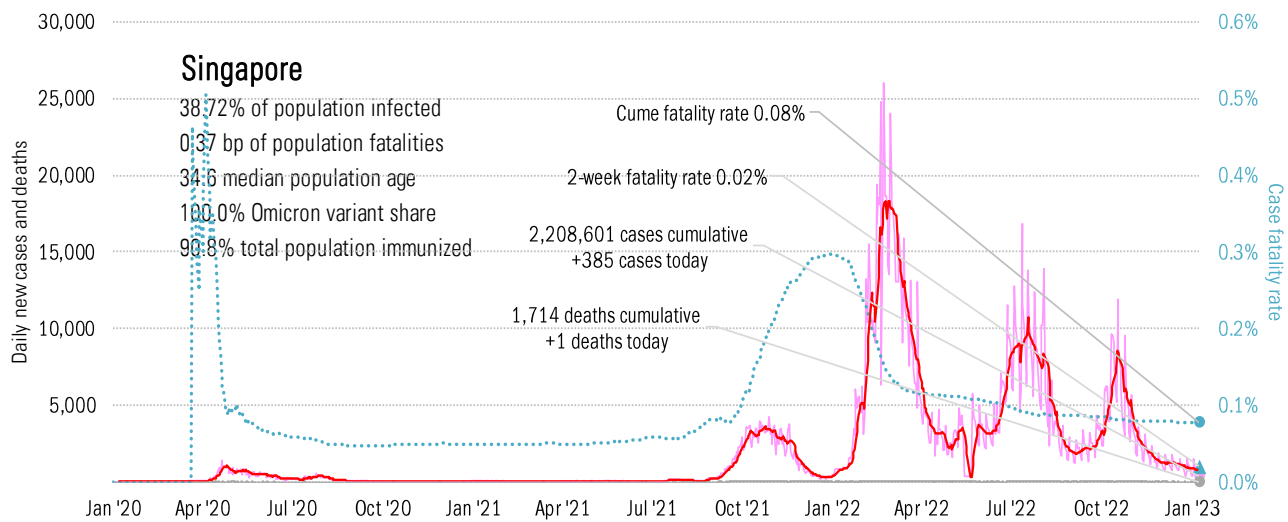
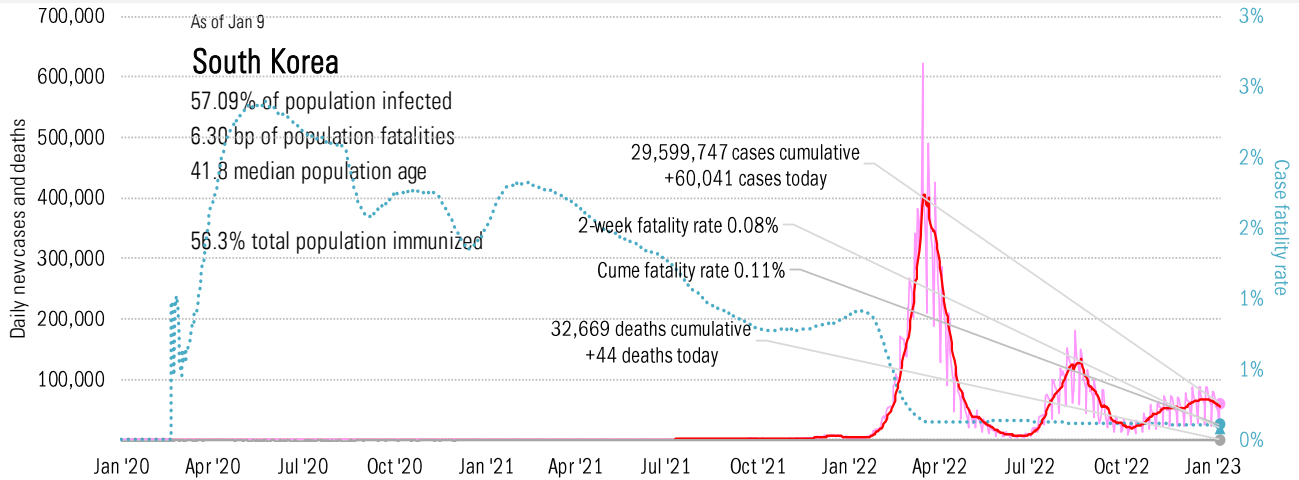
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

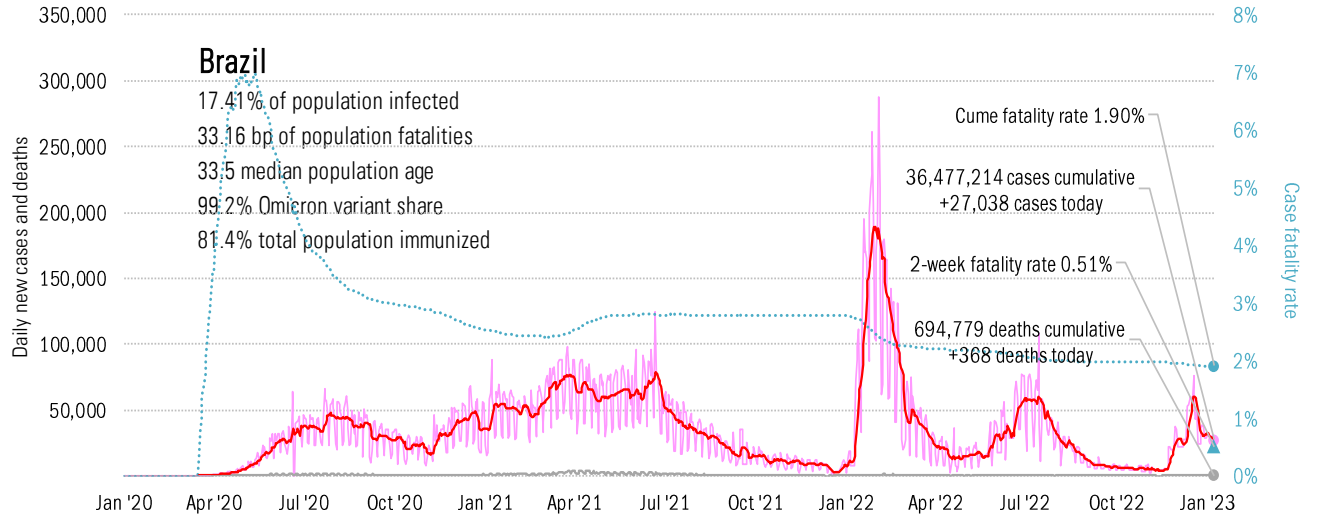
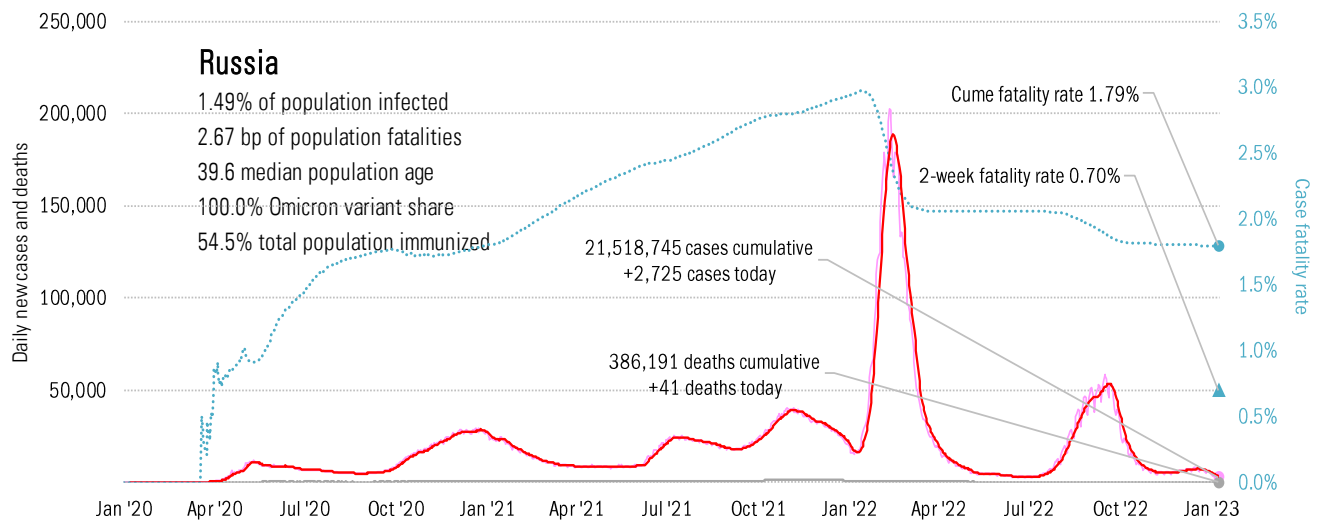
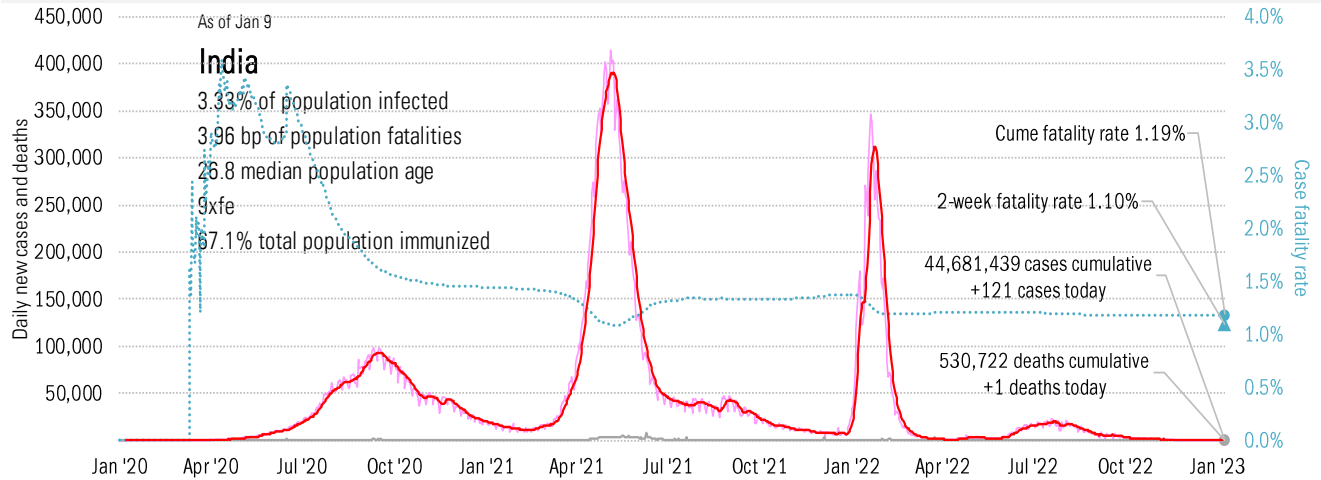
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

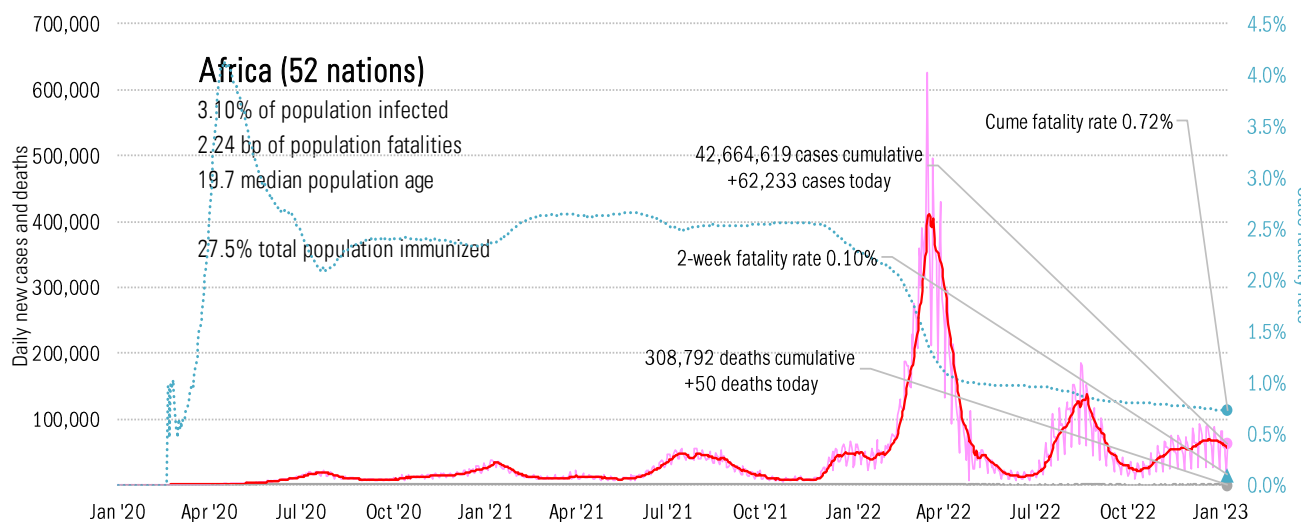
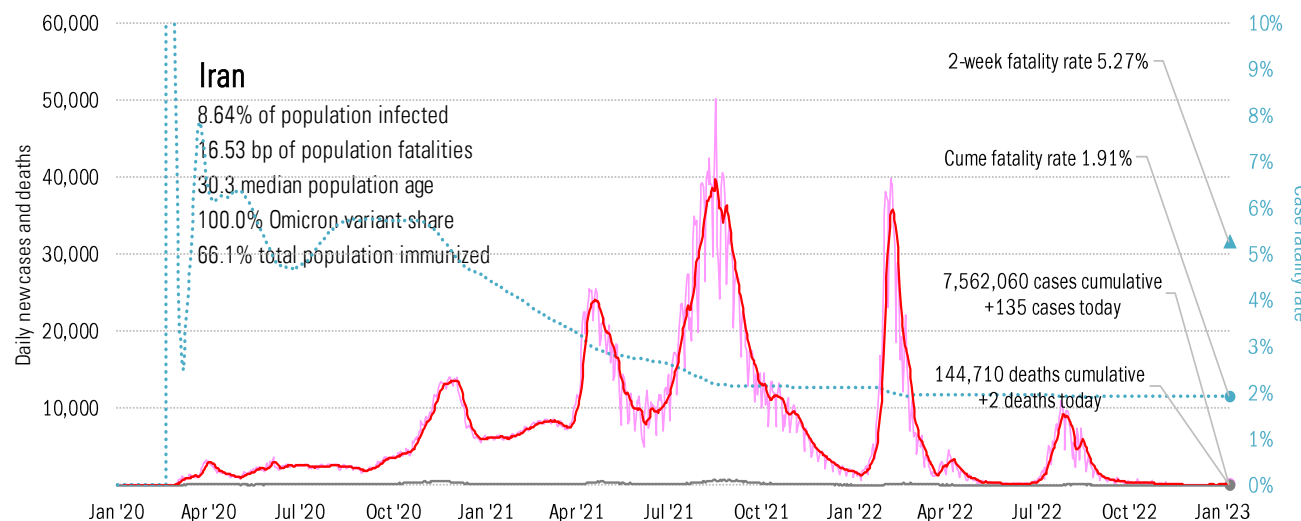
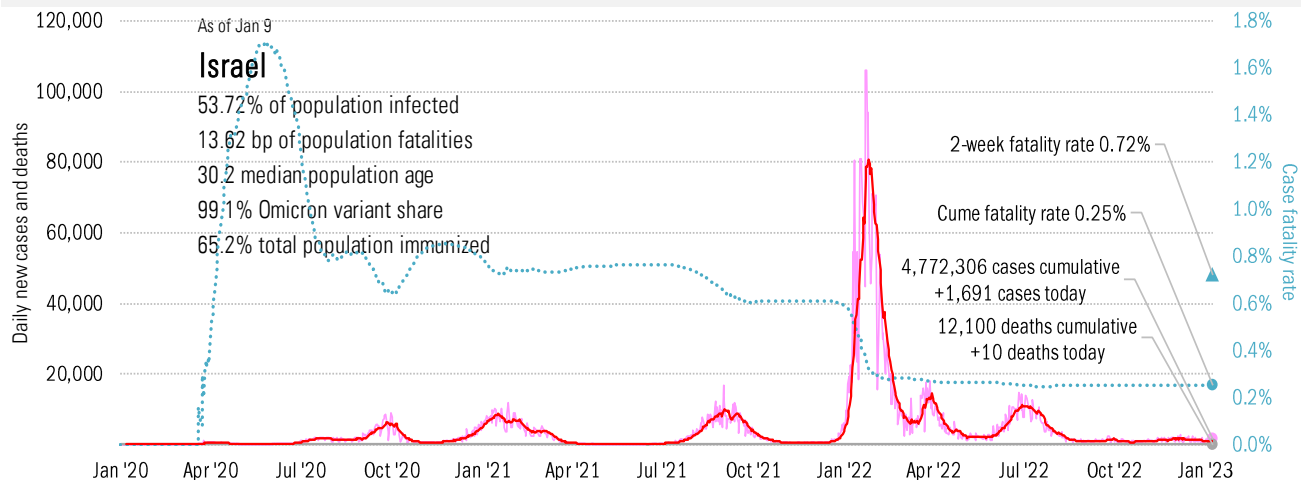
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

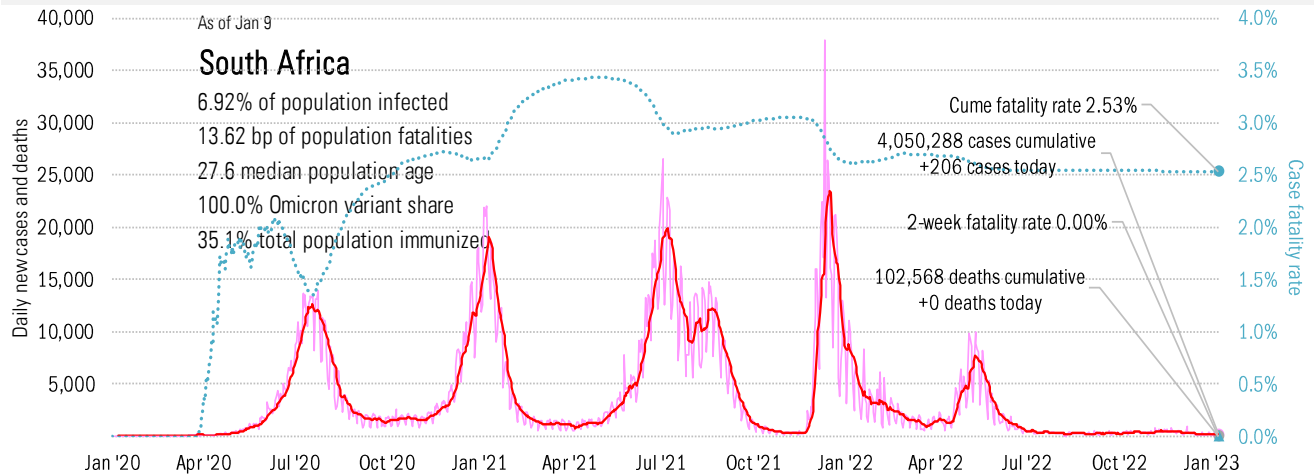
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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