

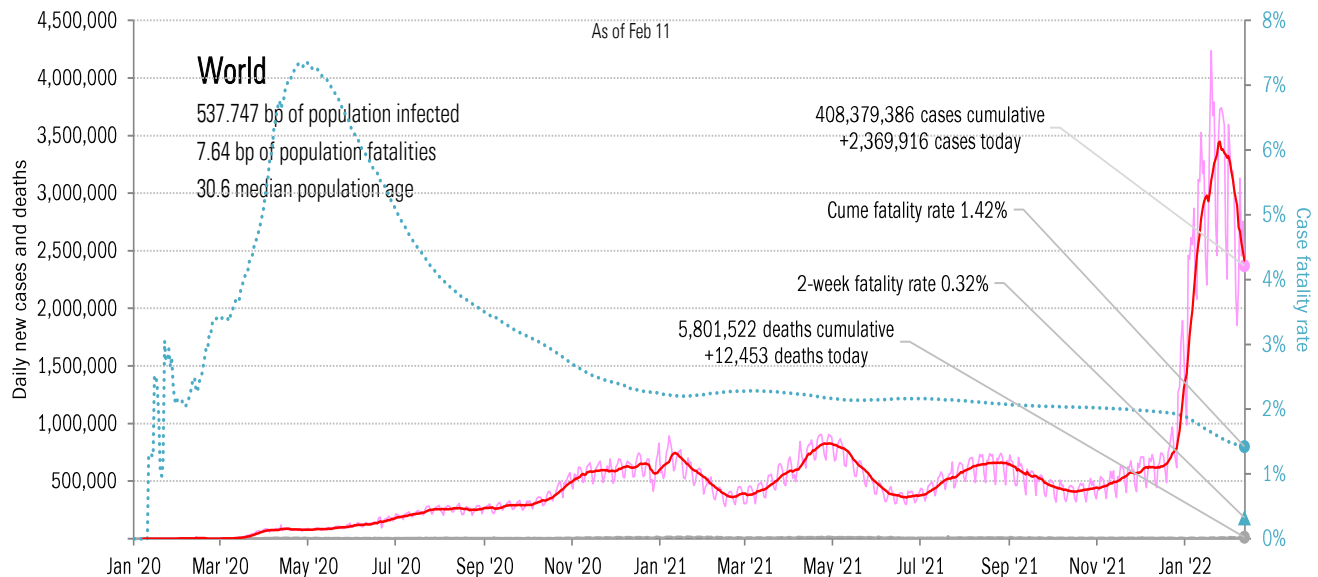
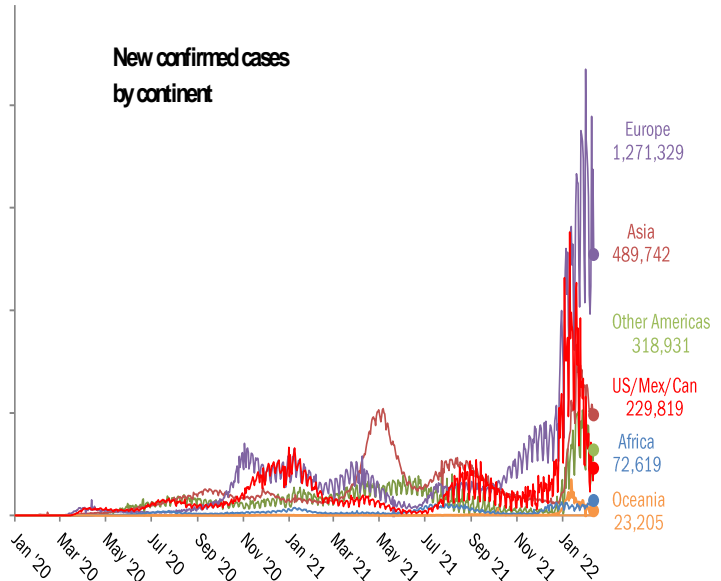
## Data Insights: Covid-2019 Monitor

Saturday, February 12, 2022

### The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Germany	206,242	United States	2,951
Russia	202,211	Brazil	1,129
United States	187,894	Mexico	927
Brazil	163,786	India	804
France	134,564	Russia	710
Japan	98,299	Peru	429
Turkey	95,065	Spain	389
Netherlands	80,750	Italy	334
Italy	67,478	Poland	291
United Kingdom	58,833	France	270
1,295,122		8,234	
World	2,369,916	World	12,453
Top ten	55%	Top ten	66%



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

### For more information contact us:

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

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

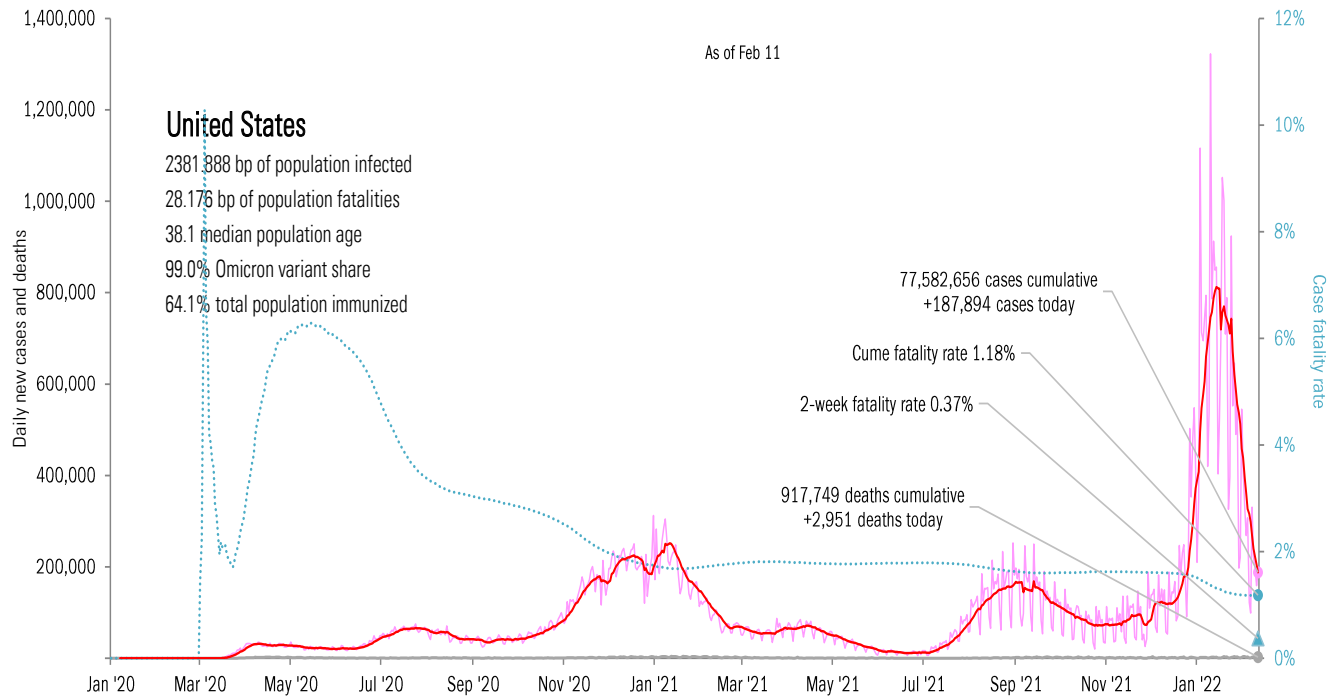
## The ten worst US states

New cases			New Deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use									
CA	24,107		CH	413		MI	3		CA	8,799,757		CA	82,418		TX	470,754		WV	87%	TX	94%								
WA	19,570		CA	296		AK	2		TX	6,498,479		TX	81,897		CA	404,324		MA	87%	AL	94%								
FL	17,538		TX	242		CH	2		FL	5,706,792		FL	66,870		FL	400,400		MN	86%	OK	92%								
TX	14,369		AZ	217		ND	1		NY	4,878,304		NY	66,397		NY	237,049		AZ	85%	RI	91%								
AZ	10,160		FL	184		NH	1		IL	2,987,502		PA	42,134		GA	197,714		GA	85%	MS	90%								
MI	7,983		MI	177		AS	0		PA	2,717,577		CH	35,005		CH	184,764		MO	85%	VT	89%								
NC	7,539		WA	122		GU	0		CH	2,628,814		IL	34,228		PA	169,824		PA	84%	GA	88%								
TN	6,064		NY	121		ME	0		NC	2,525,734		GA	34,076		IL	151,535		WA	84%	KY	88%								
MN	4,846		GA	117		MP	0		GA	2,434,131		MI	33,463		MI	135,682		RI	84%	AR	88%								
NY	4,756		IN	108		V	0		MI	2,324,854		NJ	32,319		KY	135,504		MI	82%	NC	87%								
116,932			1,997			9			41,501,944			508,807			2,487,550														
All states			187,894			2,951			-2,137			All states			77,582,656			917,749			4,506,699			All states		70%		67%	
Top ten			62%			68%			0%			Top ten			53%			56%			55%			Median		79%		81%	

Some states not reporting

## Five most improved US states

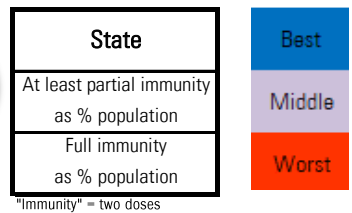
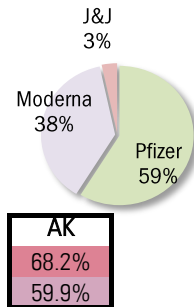
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
MO	-5,844	SC	-118	AZ	-56	VA	+30 bp
IL	-5,419	IL	-116	CR	-50	WY	+20 bp
IN	-3,648	OK	-72	UT	-26	AZ	+10 bp
SC	-3,198	TX	-54	LA	-21	CA	+10 bp
TX	-2,879	AL	-47	MT	-19	CO	+10 bp



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

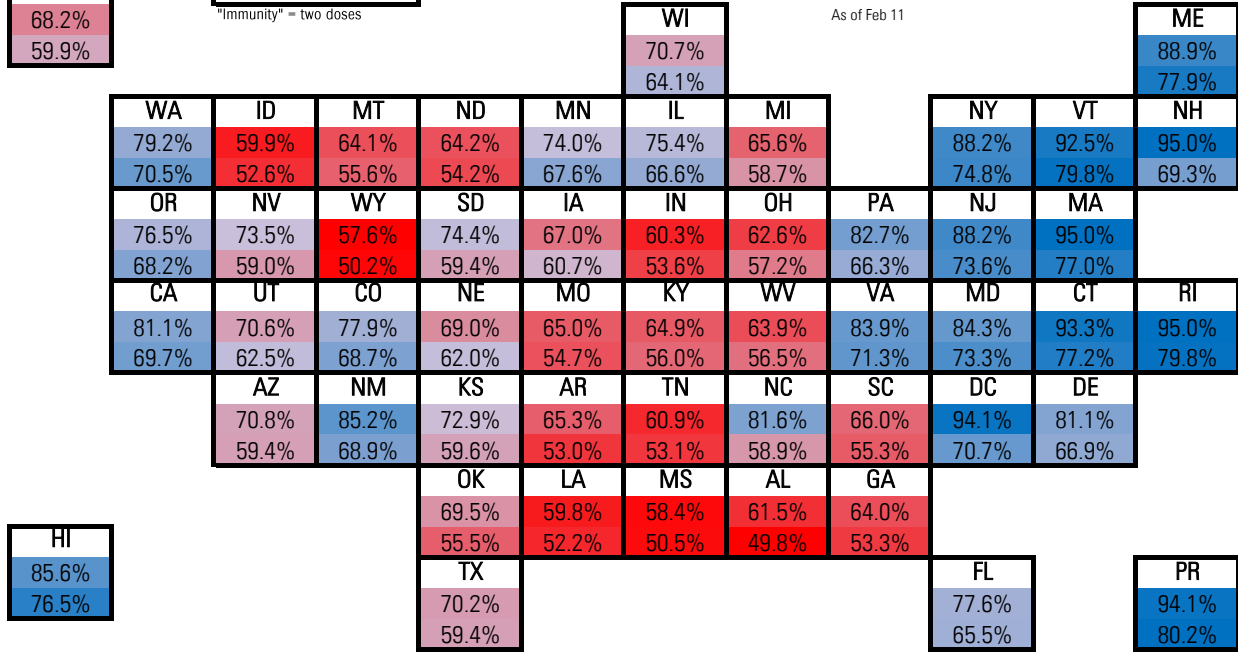
# Rolling out the vaccines in the US and the world

Administered	Cumulative		Today	Immunity	Full	Partial
Doses	559,676,293		+0.514 million	US	64.1%	75.8%
Boosters	92,323,516		+0.260 million	UK	71.4%	76.9%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	259,317,449	78%	219,646,666	66%	+0.136 million	France 77.0% 79.9%
Age 12 to 17	17,128,696	68%	14,518,996	57%	+0.015 million	Spain 82.1% 87.7%
Age 18 to 64	174,913,077	86%	148,079,198	73%	+0.060 million	Germany 74.1% 75.4%
Age 65 and over	58,069,167	100%	50,204,049	92%	+0.007 million	Italy 77.5% 83.6%
						Australia 78.9% 84.9%
						Israel 65.8% 72.1%
						Canada 80.3% 85.3%
						Japan 79.3% 80.5%
						Africa 11.2% 16.5%
						India 53.7% 68.6%
						Brazil 71.1% 81.3%
						China 85.1% 87.7%

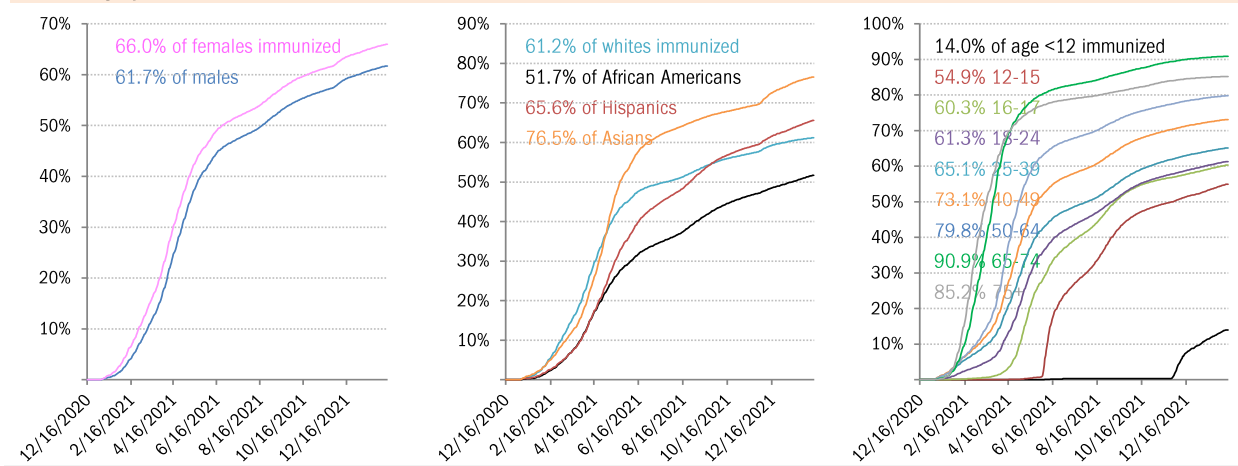


Global data differs due to sources, timing

As of Feb 11



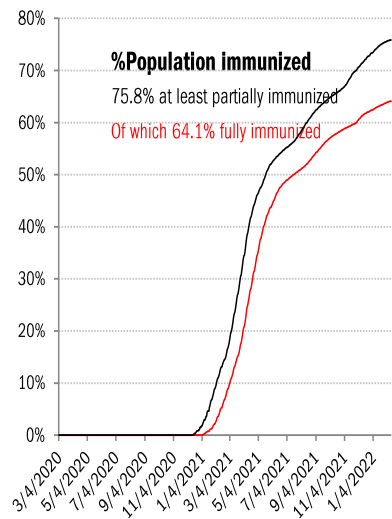
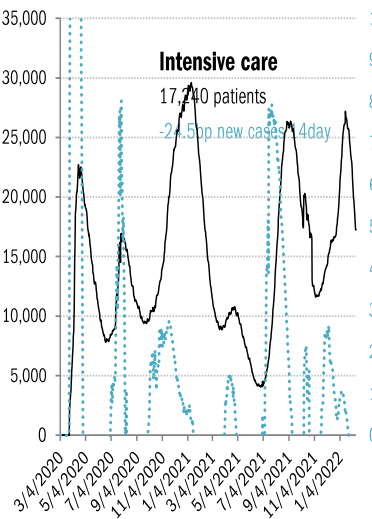
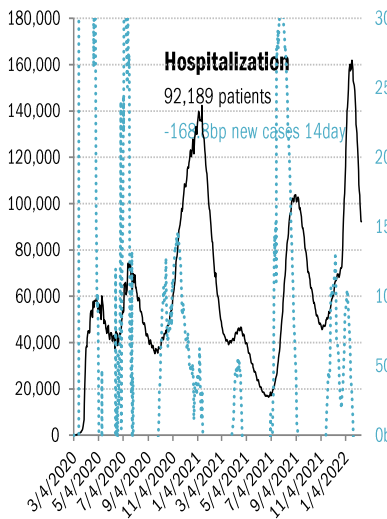
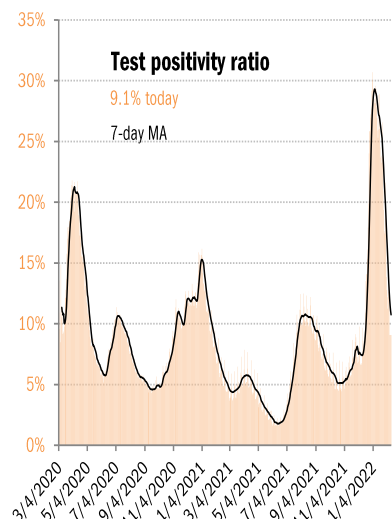
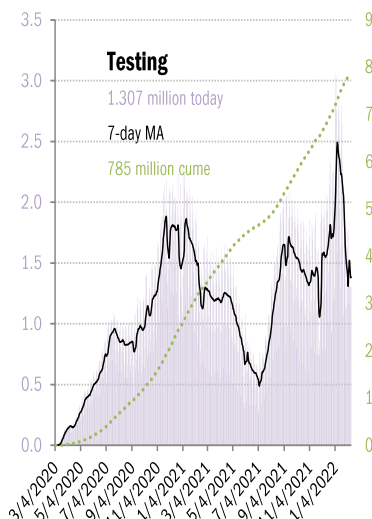
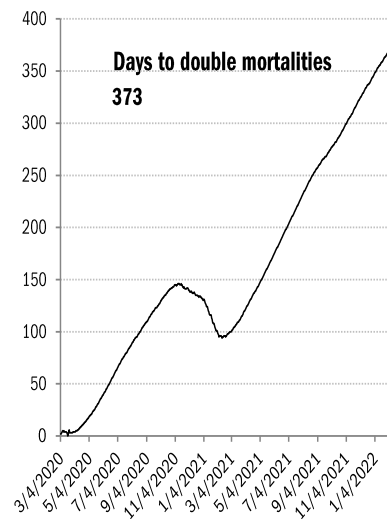
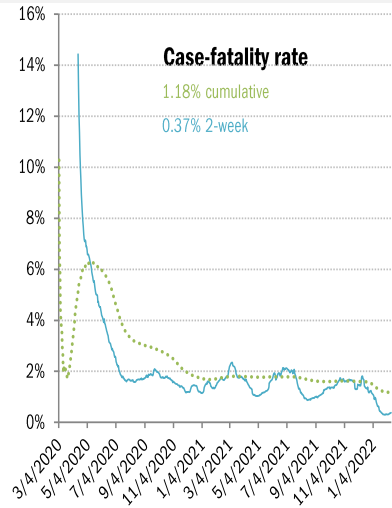
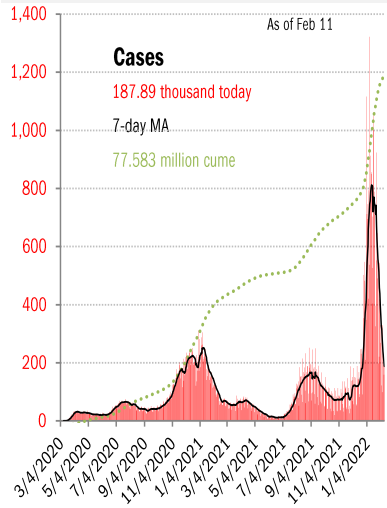
## The demographics of US vaccination



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

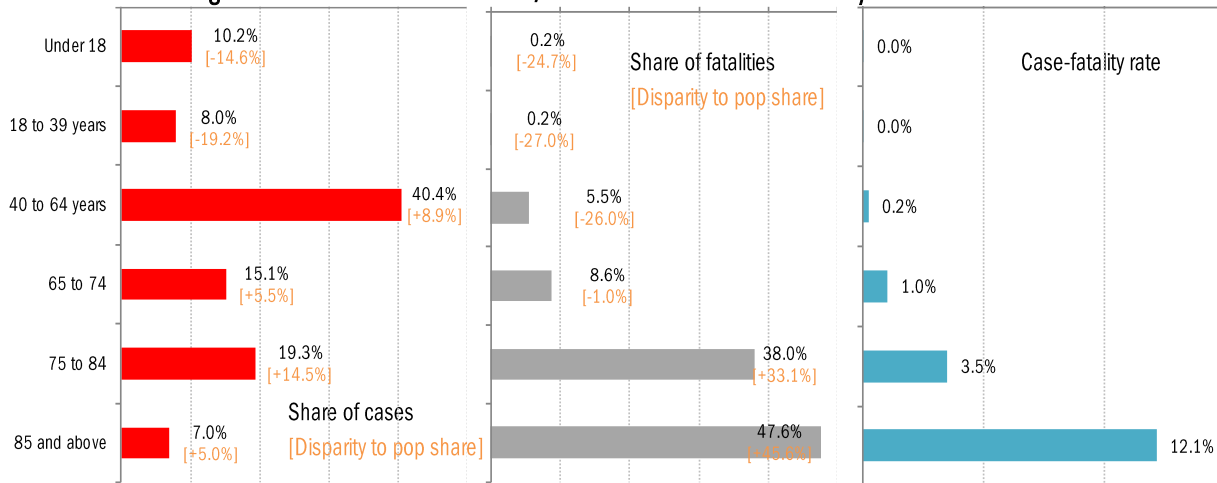
# US deep-dive

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

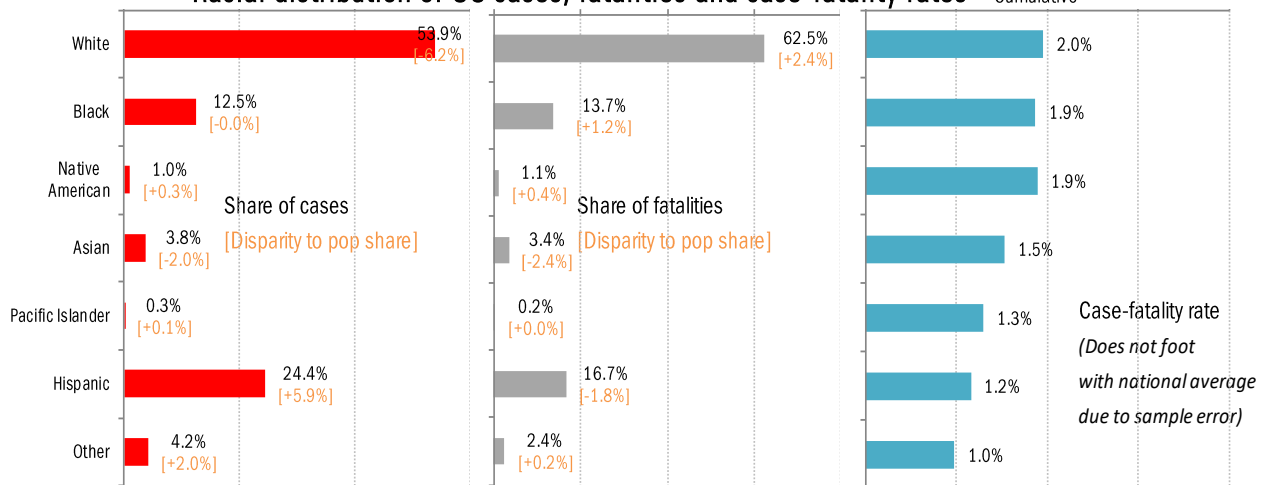


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

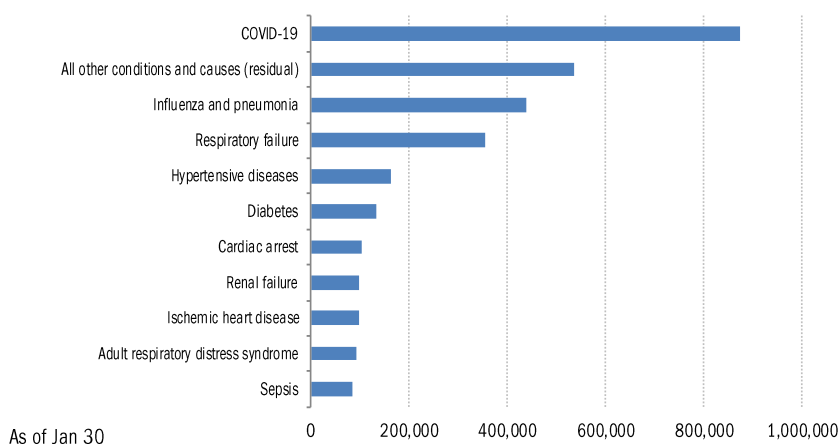


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[Fed Staff Reported Securities Trades Amid Bank's 2020 Stimulus Moves](#)

Michael S. Derby  
*Wall Street Journal*  
February 11, 2022

[New C.D.C. data adds to evidence that boosters' protection against severe Covid plunges after four months.](#)

Apoorva Mandavilli  
*New York Times*  
February 11, 2022

## Meme of the day

# CDC Director Now Says To Just Do Whatever Texas Did 12 Months Ago

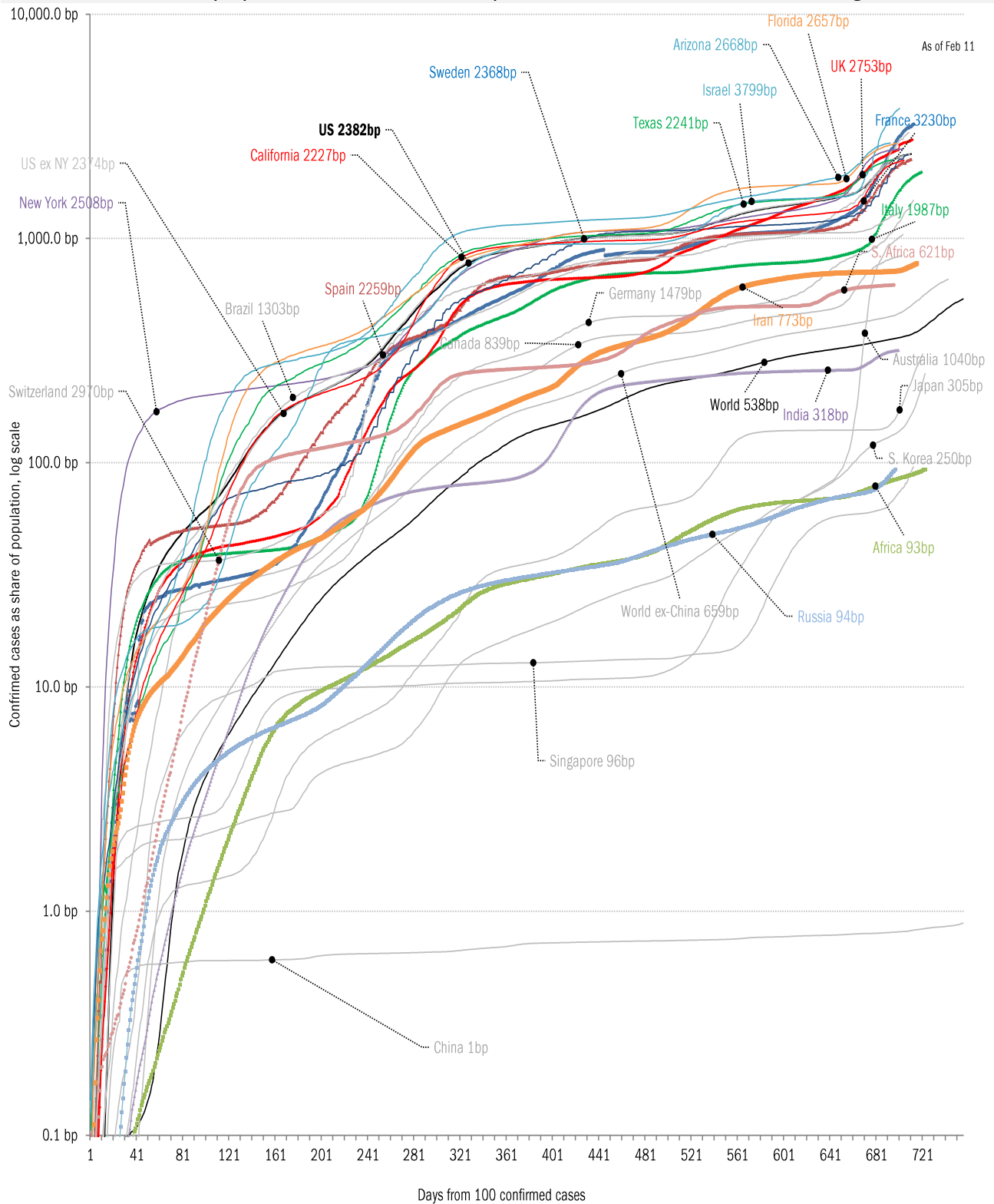
Health

February 10th, 2022 - BabylonBee.com



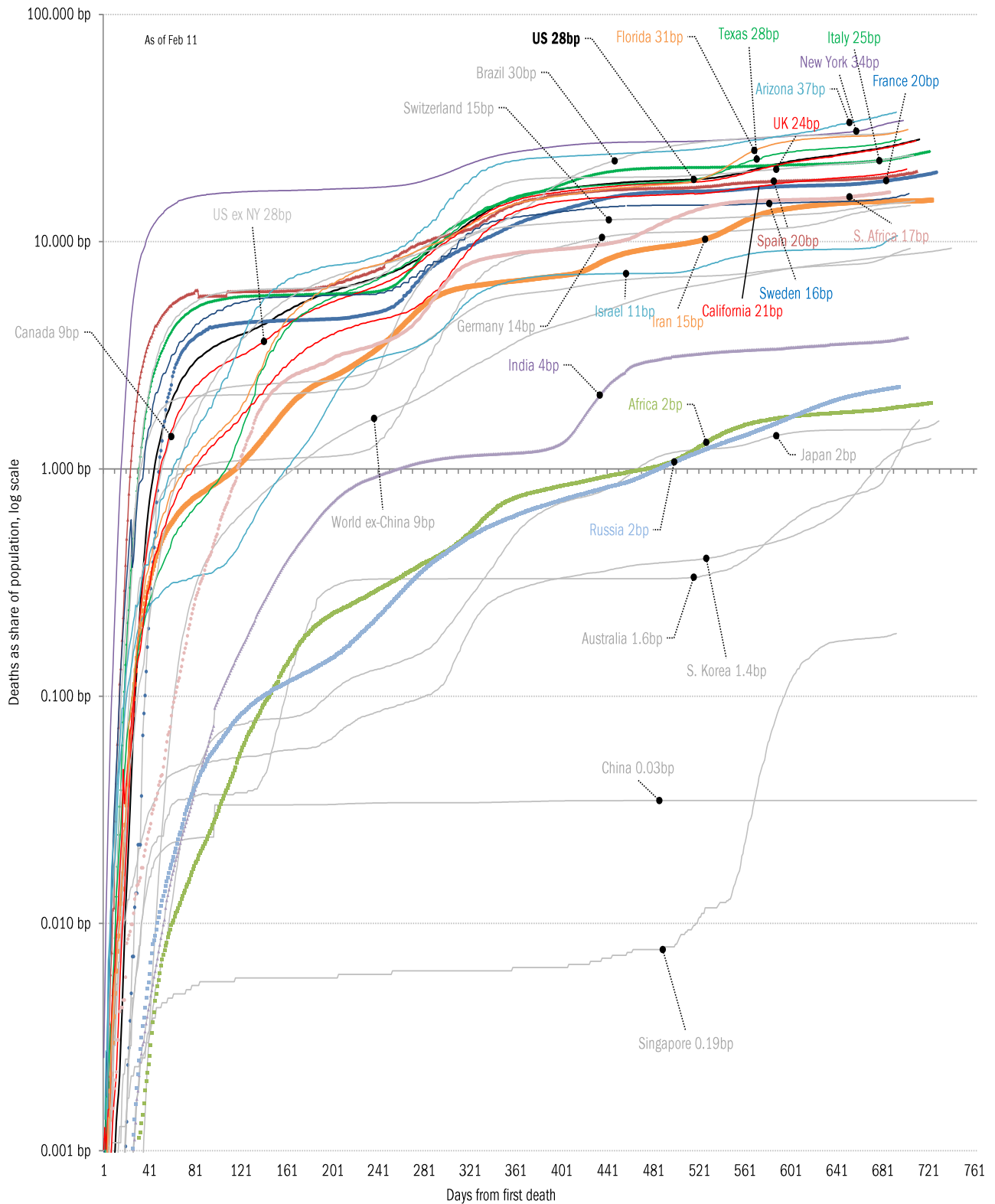
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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*



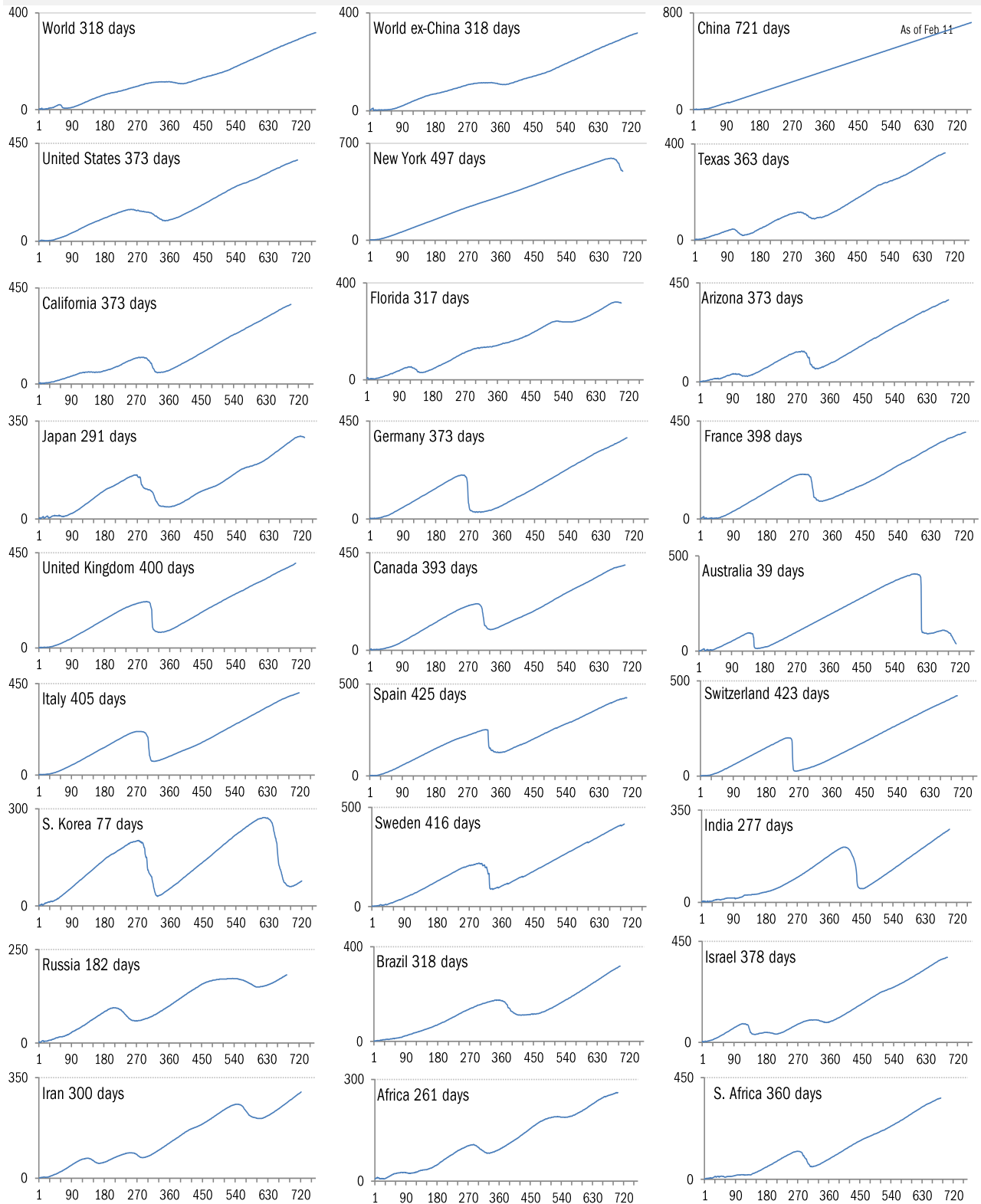
Source: [Johns Hopkins](#), TrendMacro calculations



# "Exponential"? Our most reliable evidence of the rate of spread of Covid-2019

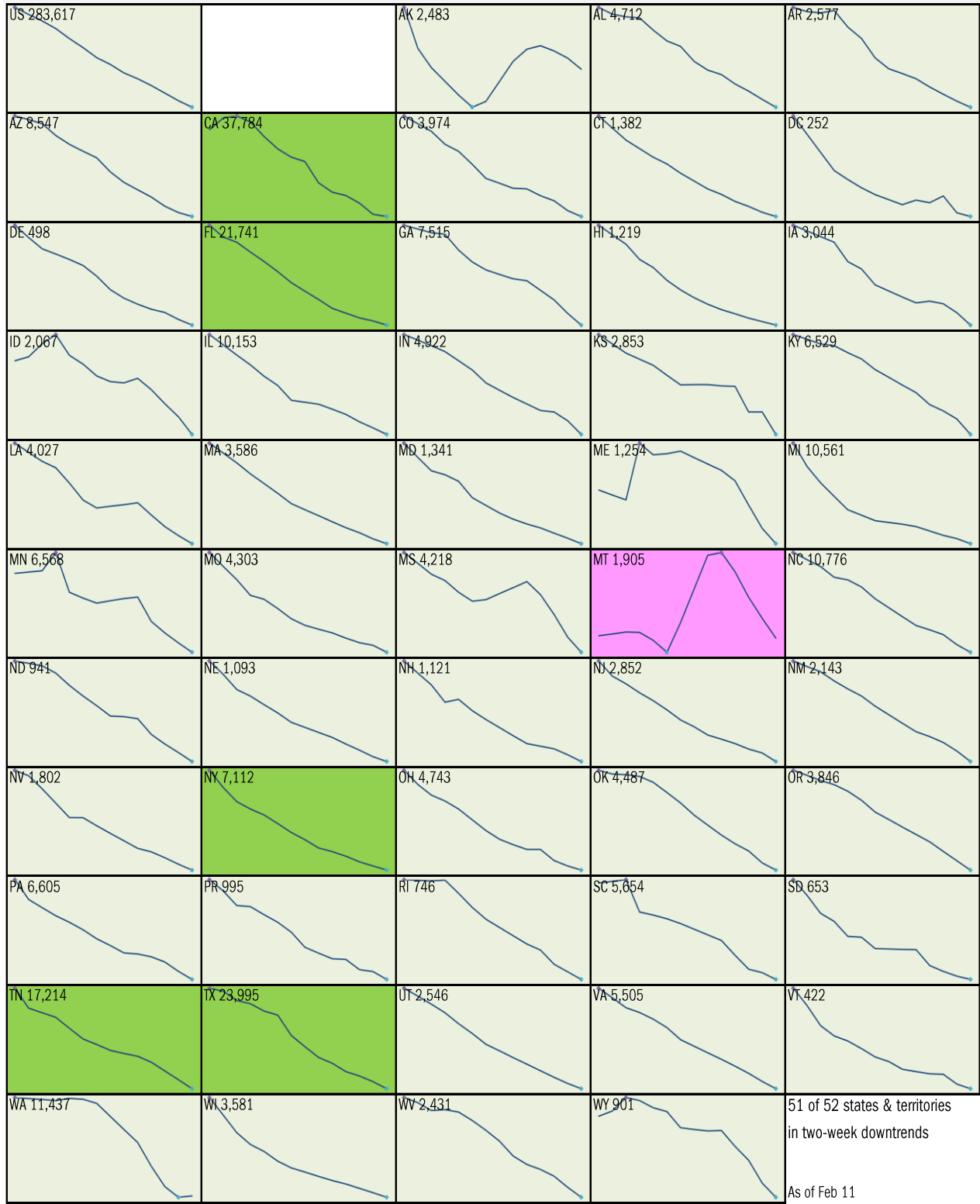
Vertical: days to double deaths Horizontal: days from first death

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread



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

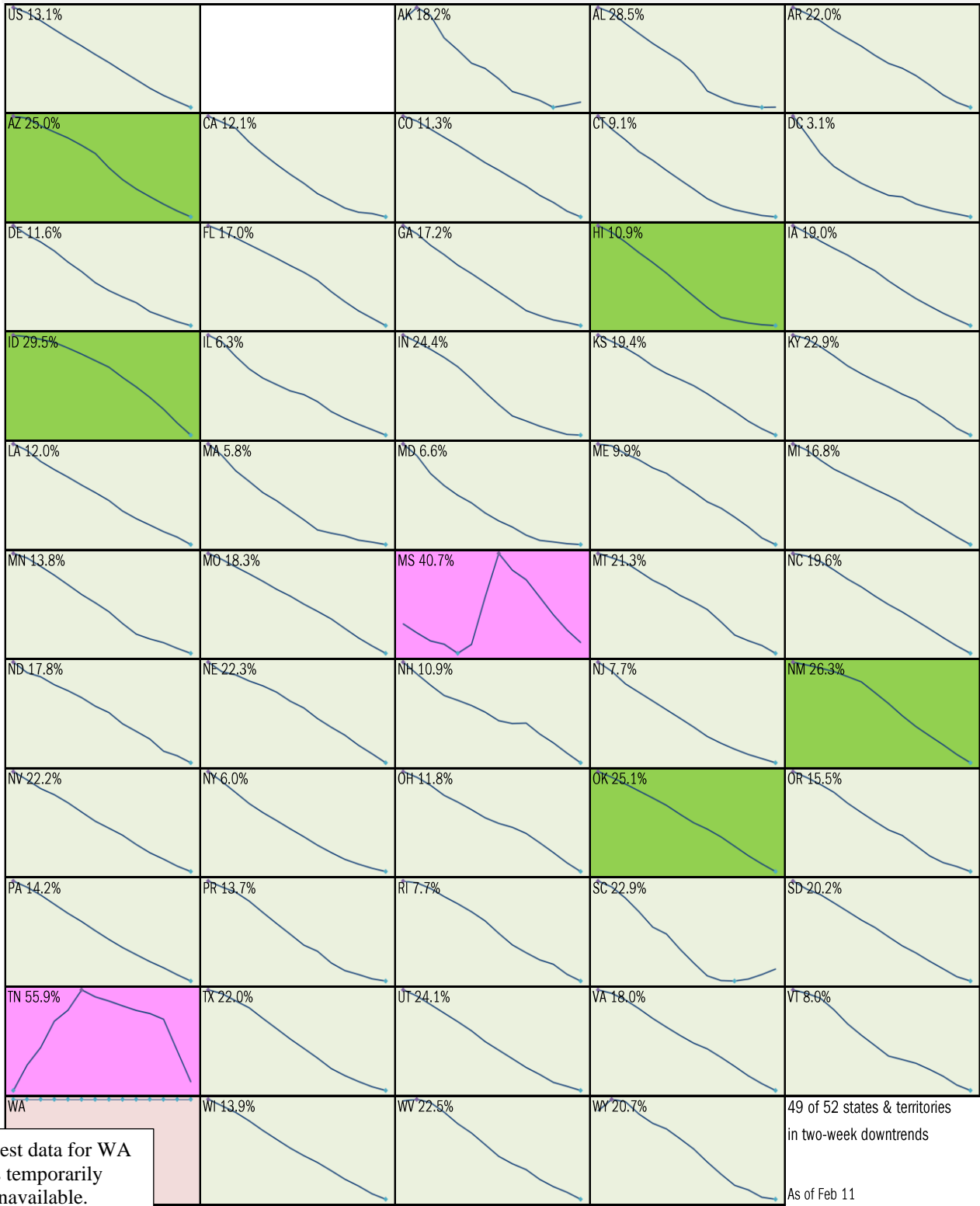


Source: [Johns Hopkins](#), TrendMacro calculations

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



49 of 52 states & territories in two-week downtrends

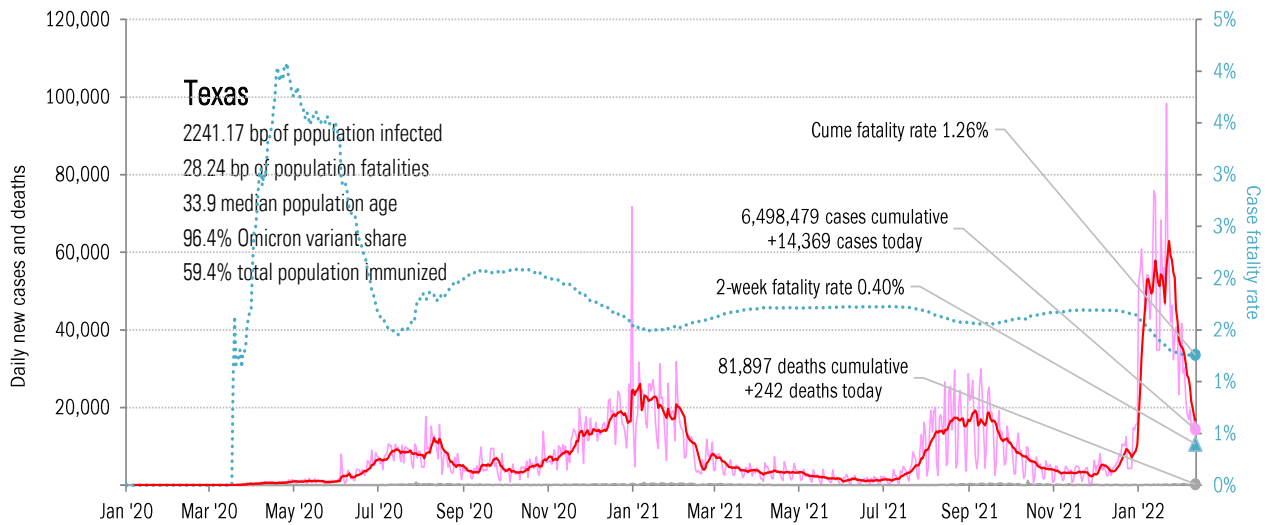
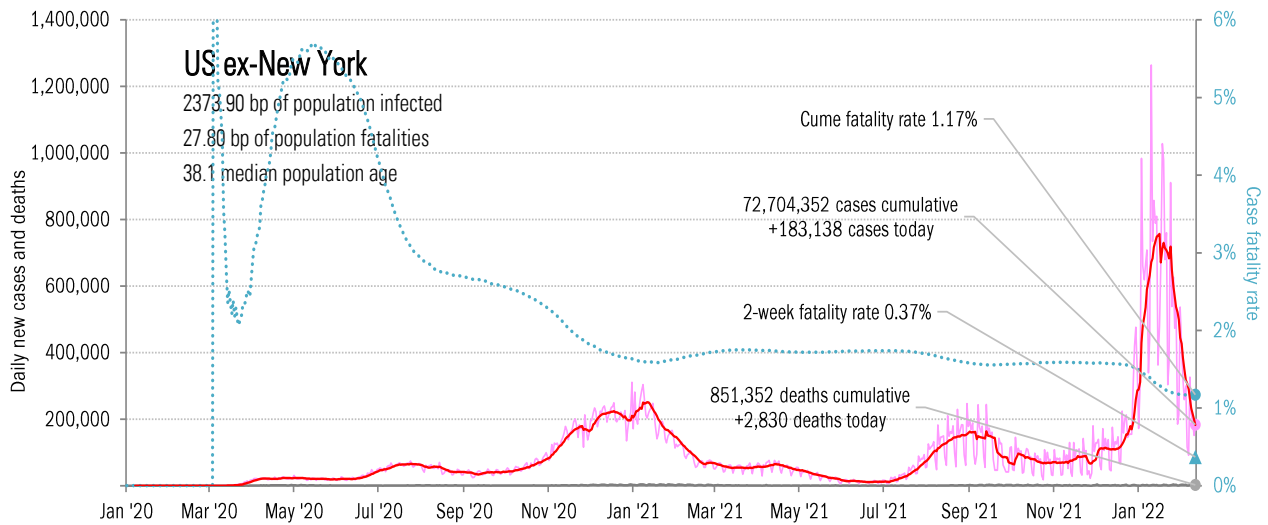
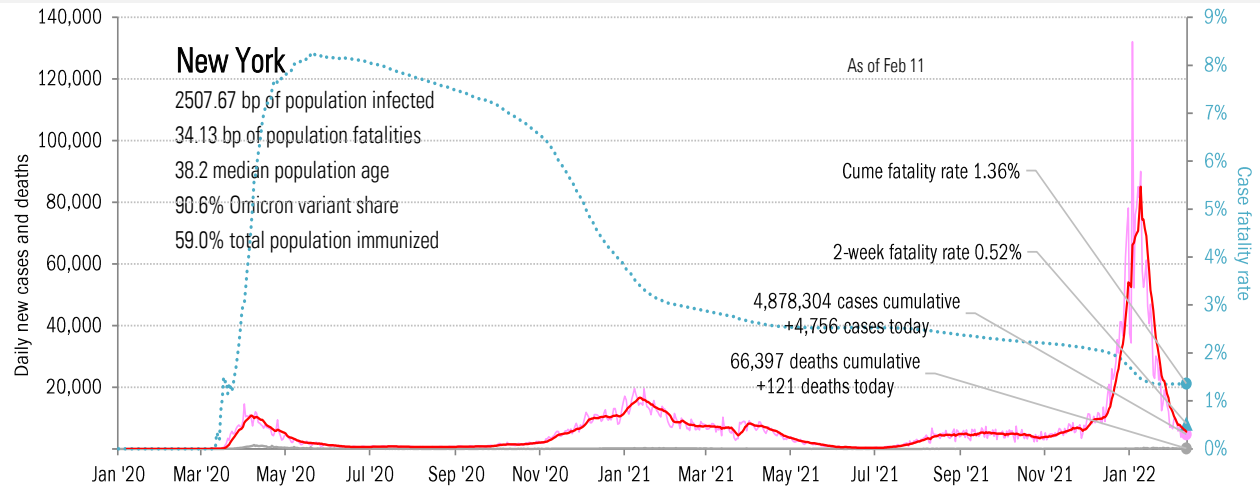
As of Feb 11

Test data for WA is temporarily unavailable.

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

# From Ground Zero to the Rio Grande

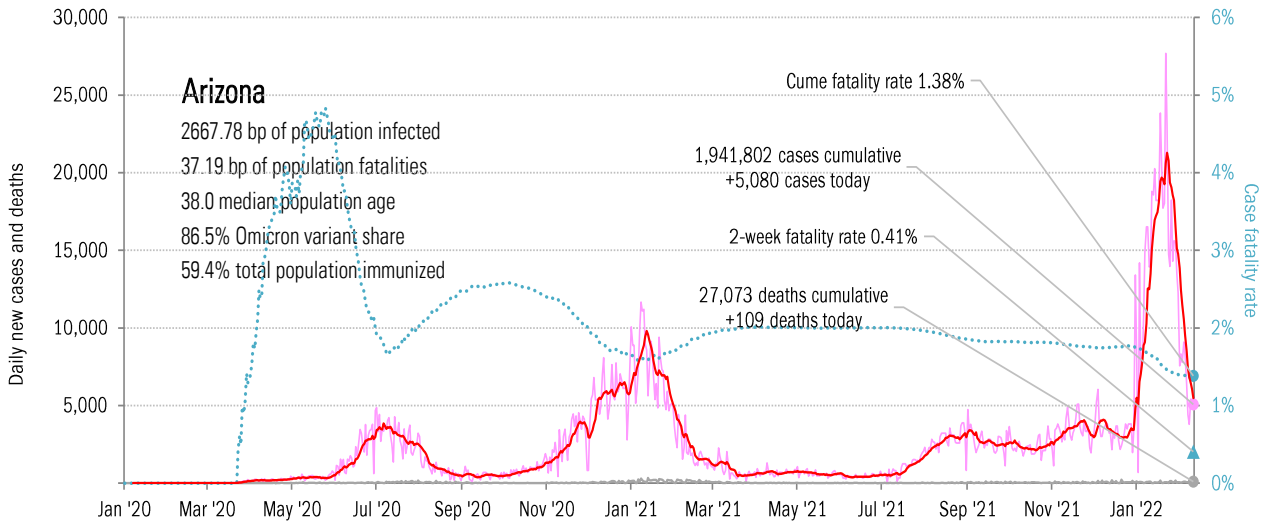
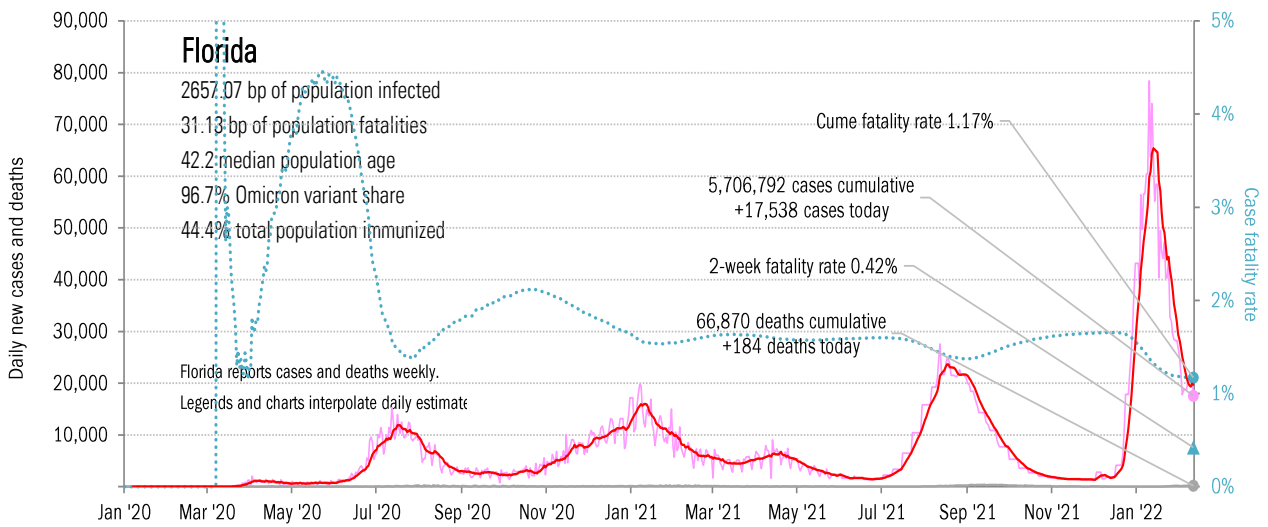
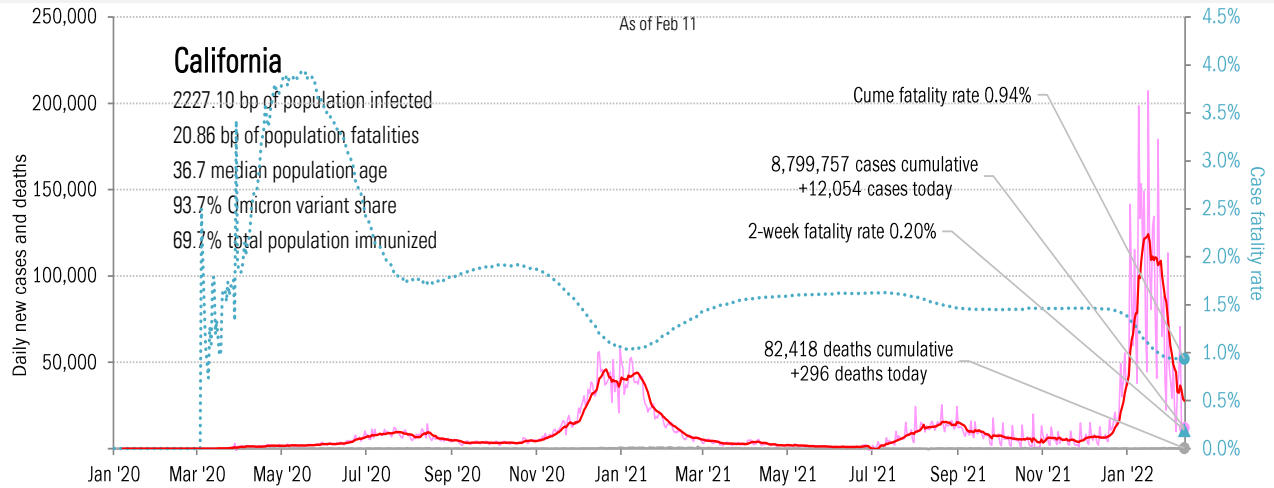
Cases: 7-day average and daily Deaths: Daily



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

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

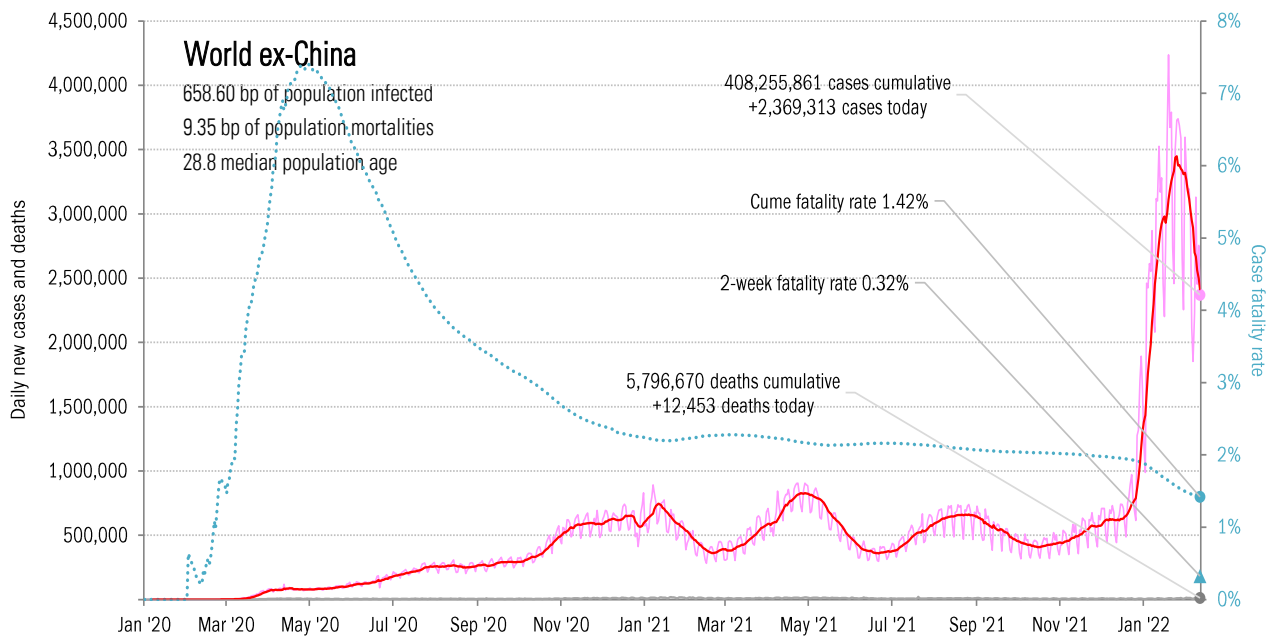
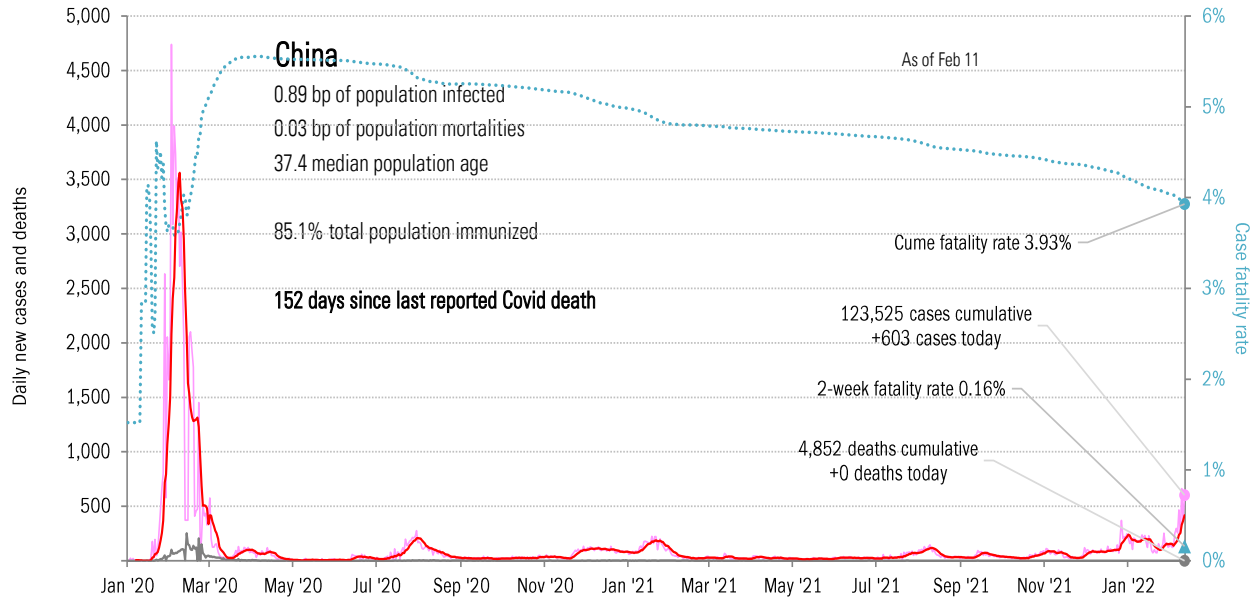
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

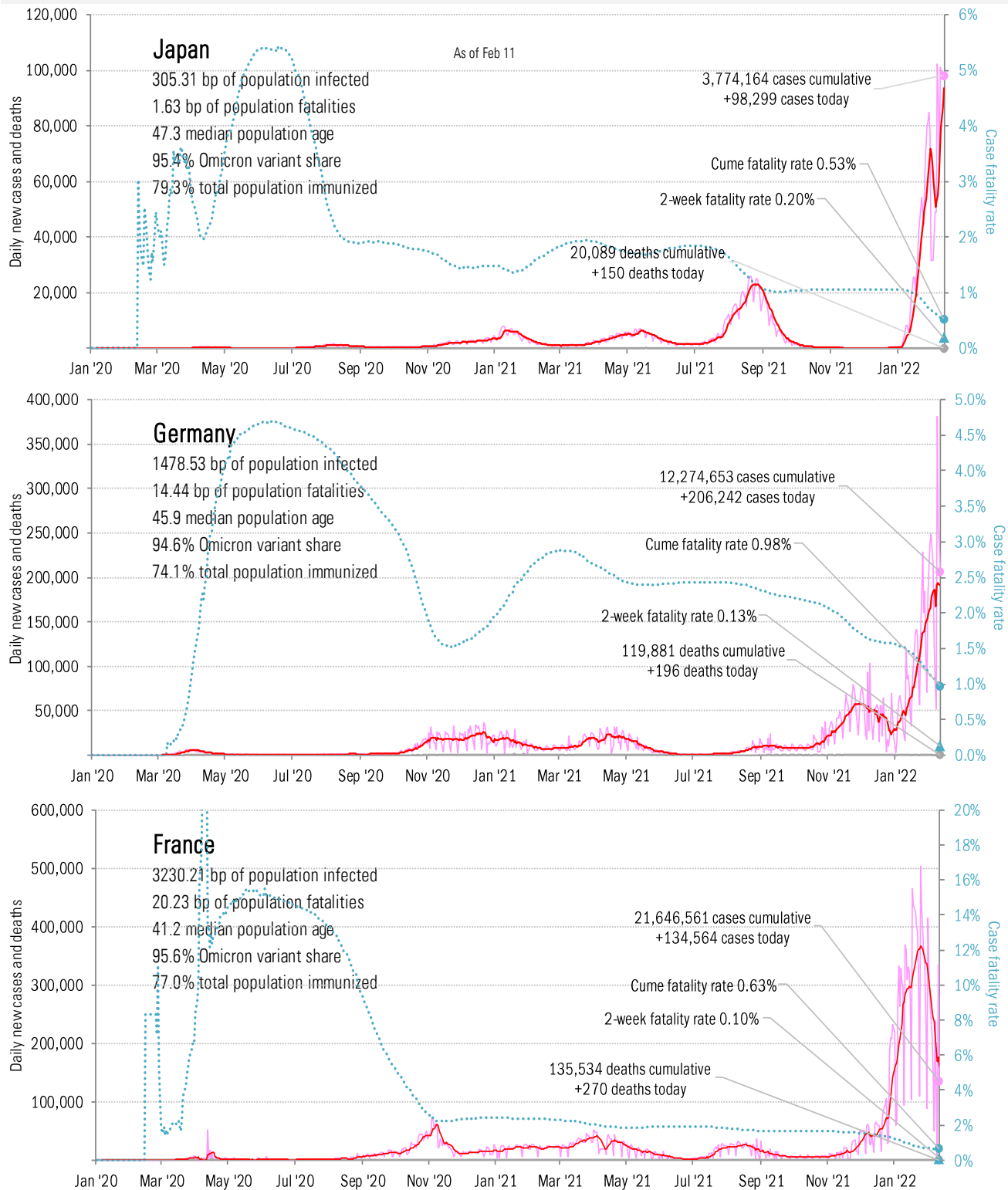
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

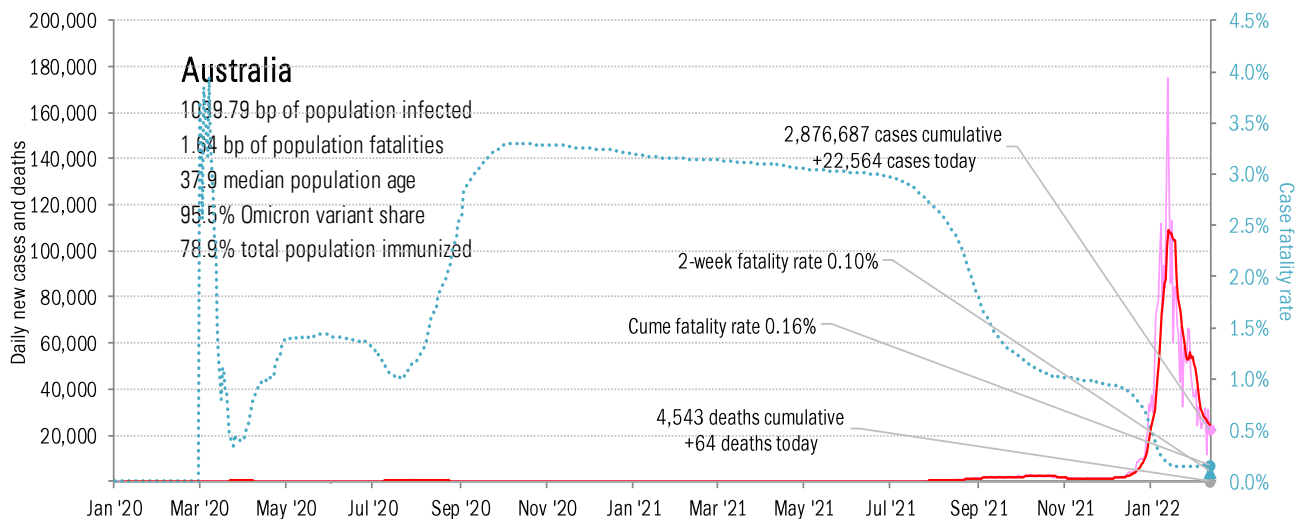
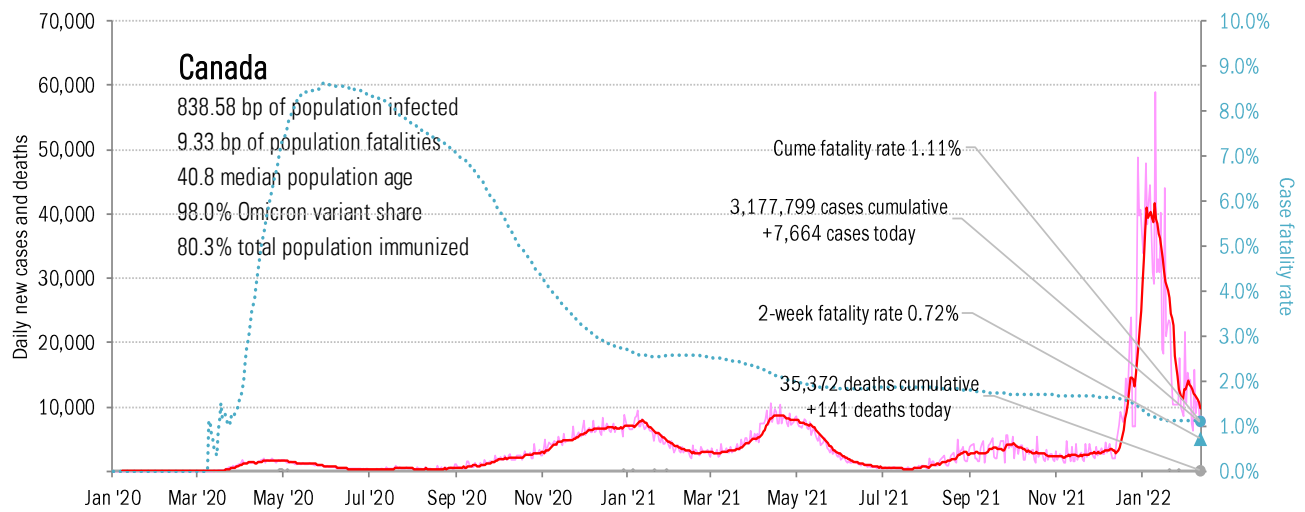
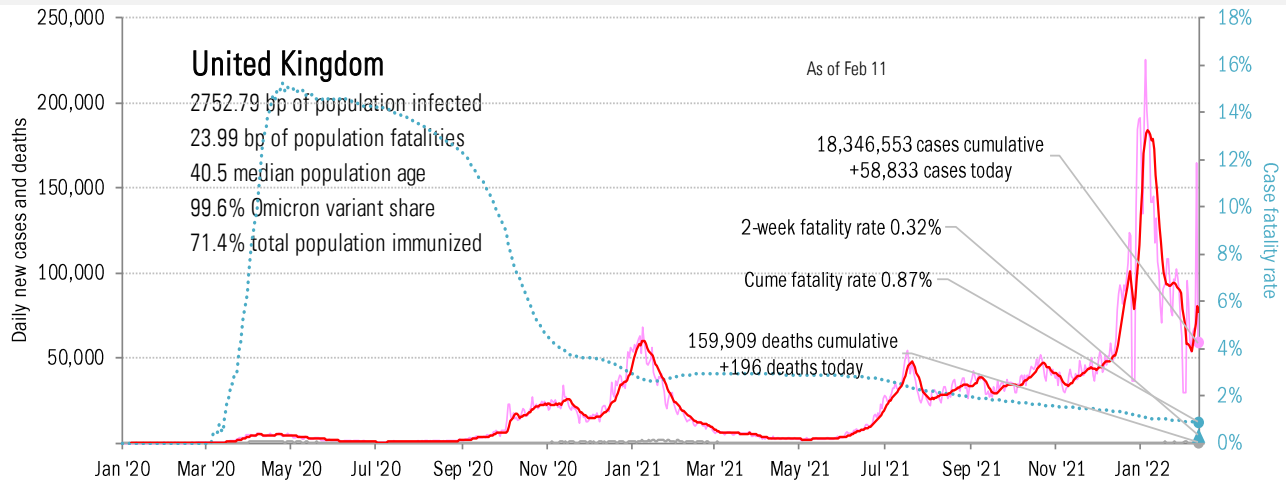
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

Cases: 7-day average and daily Deaths: Daily

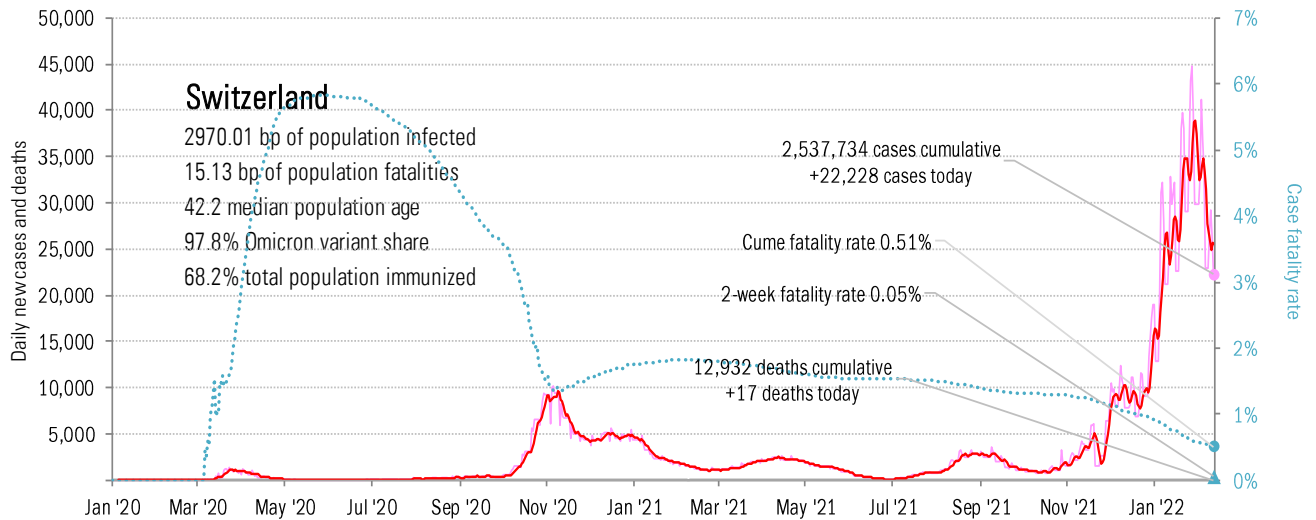
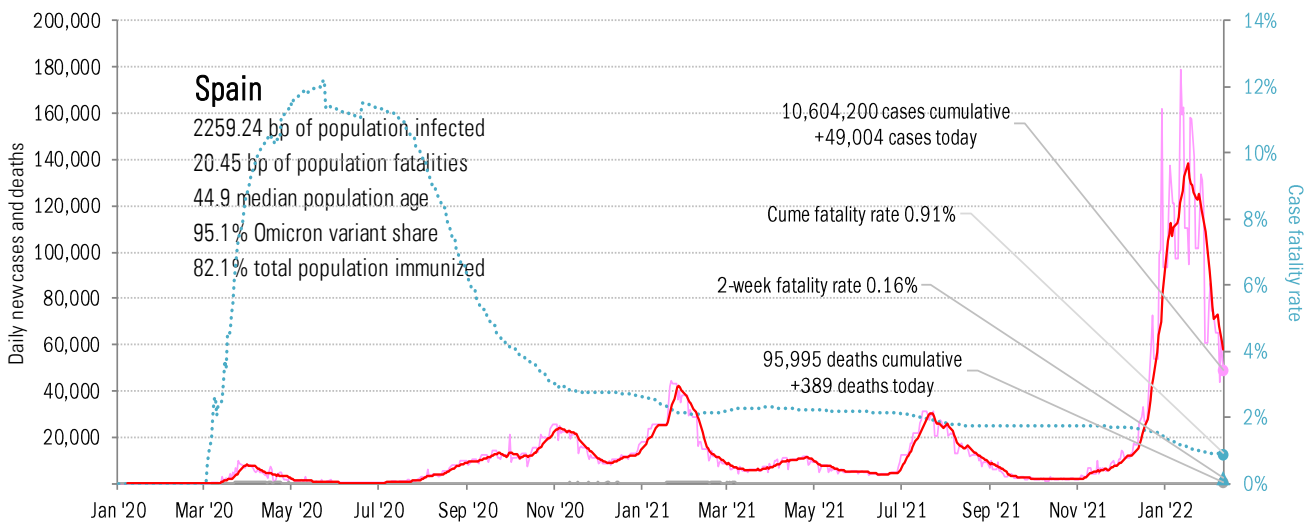
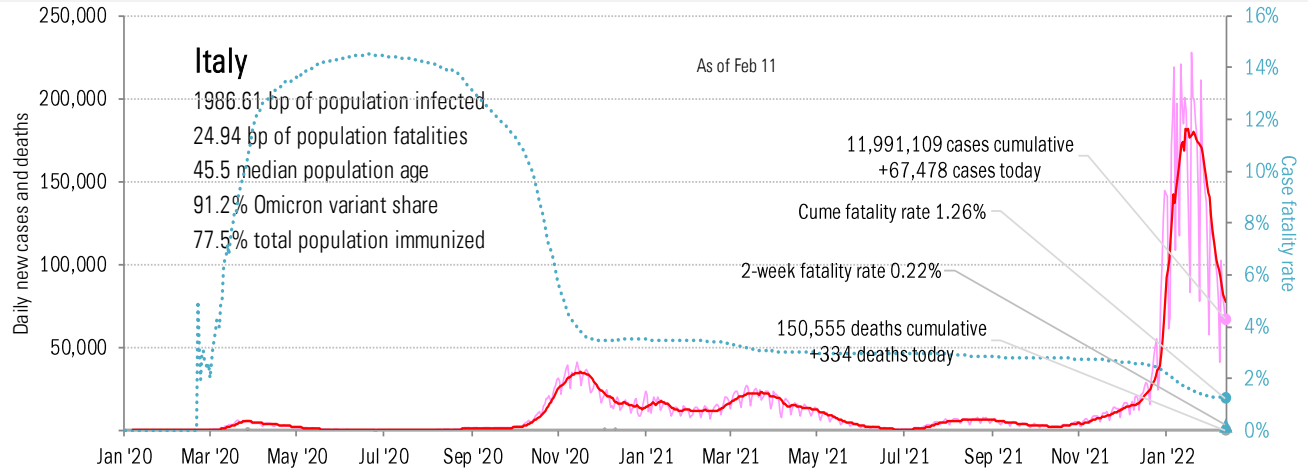


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in continental Europe

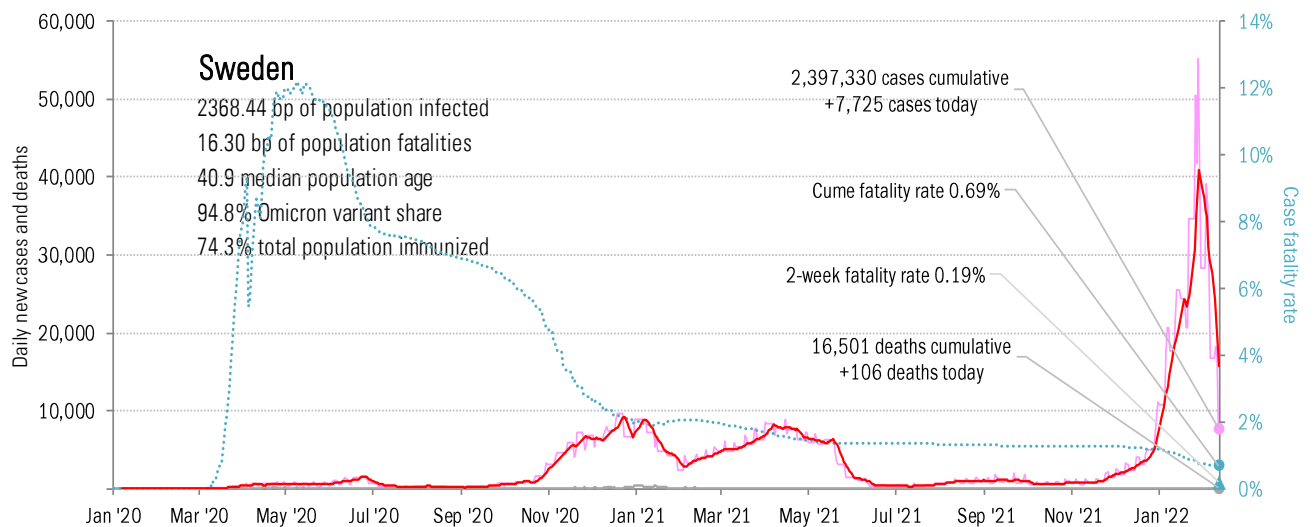
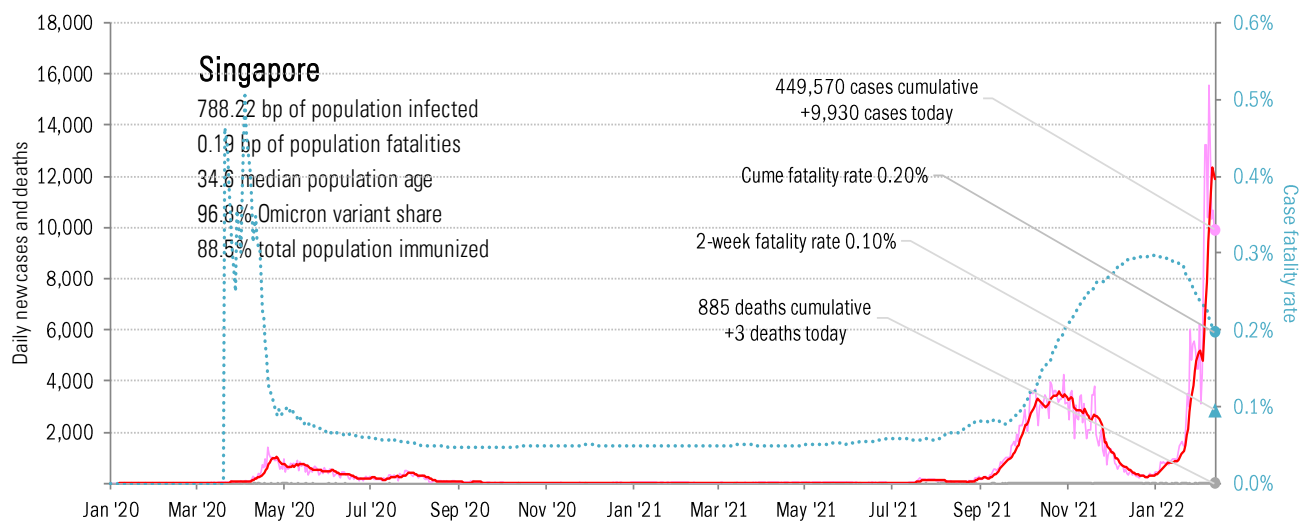
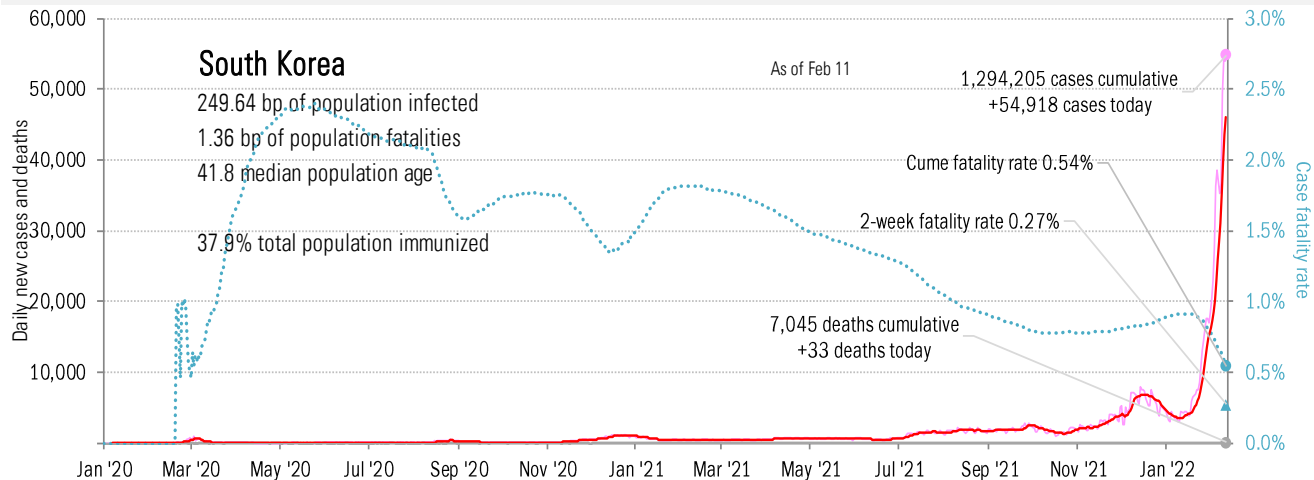
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

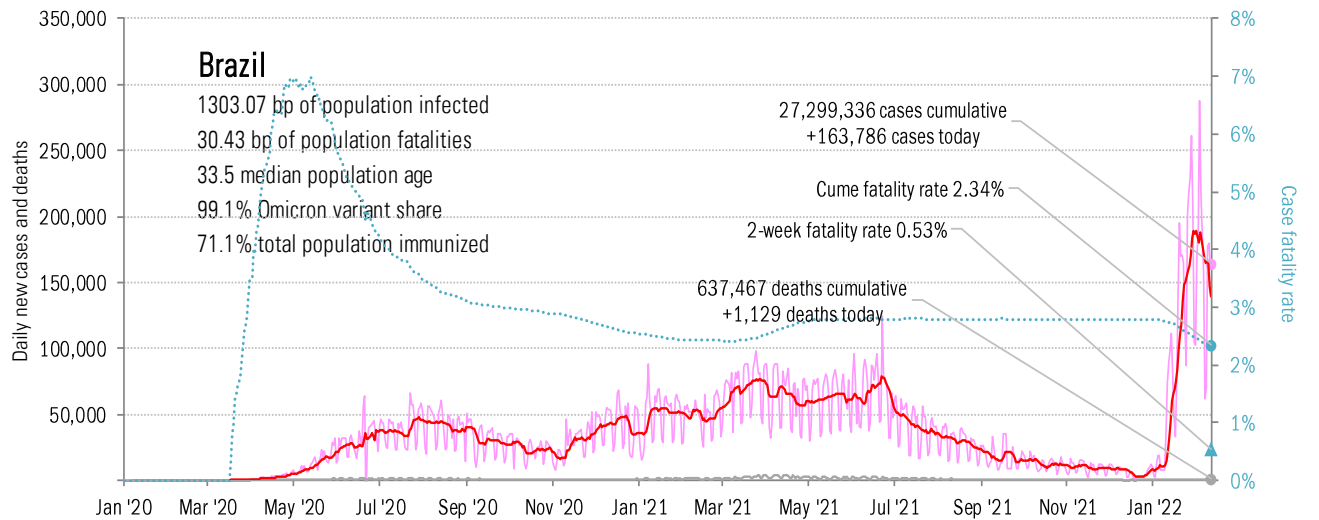
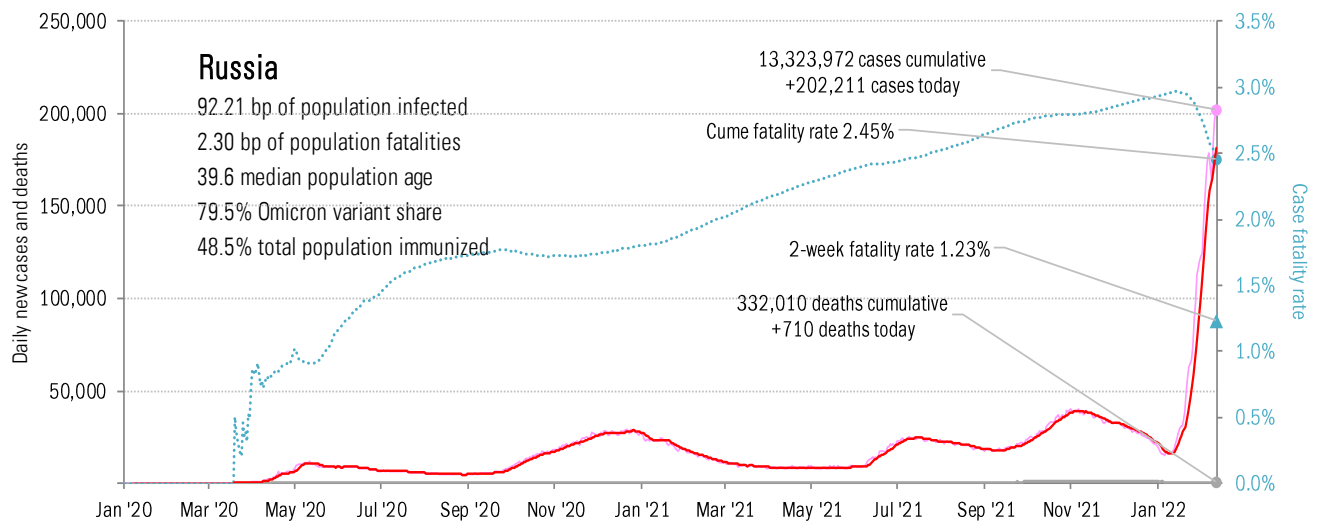
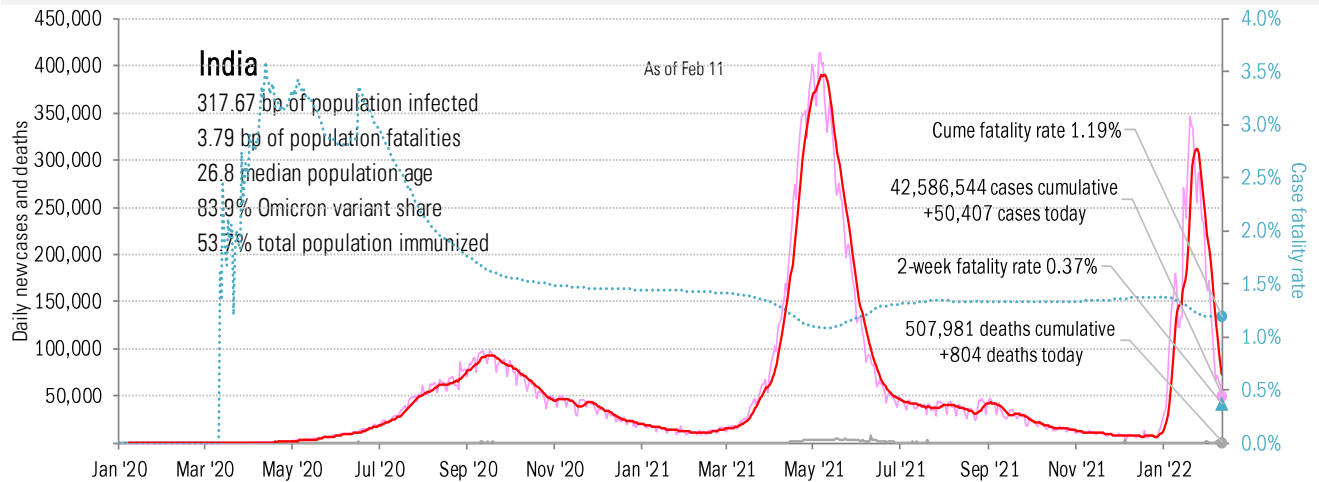
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

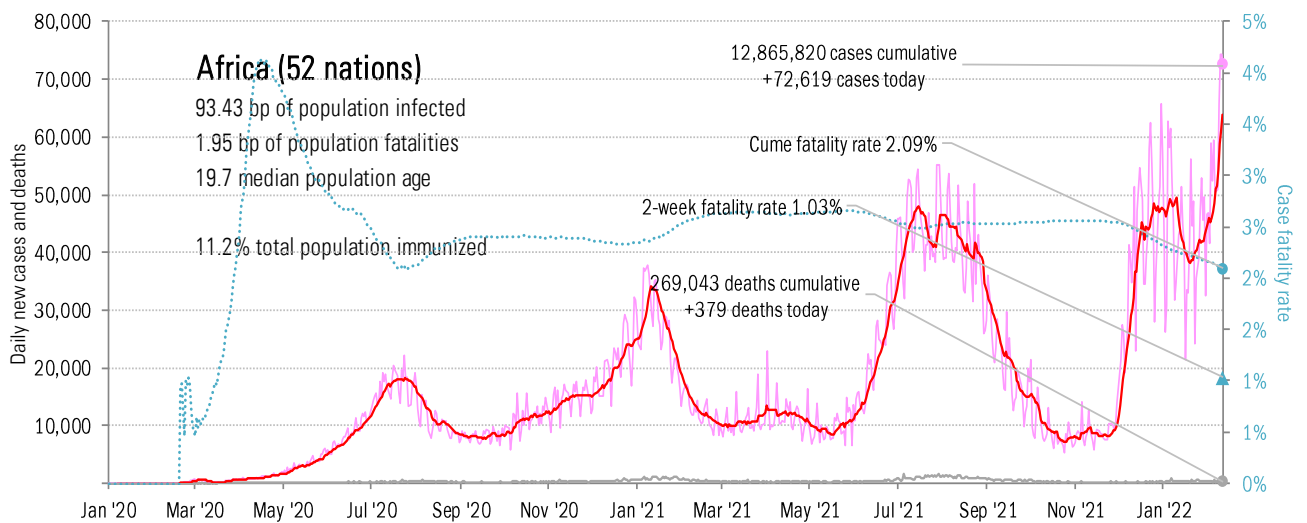
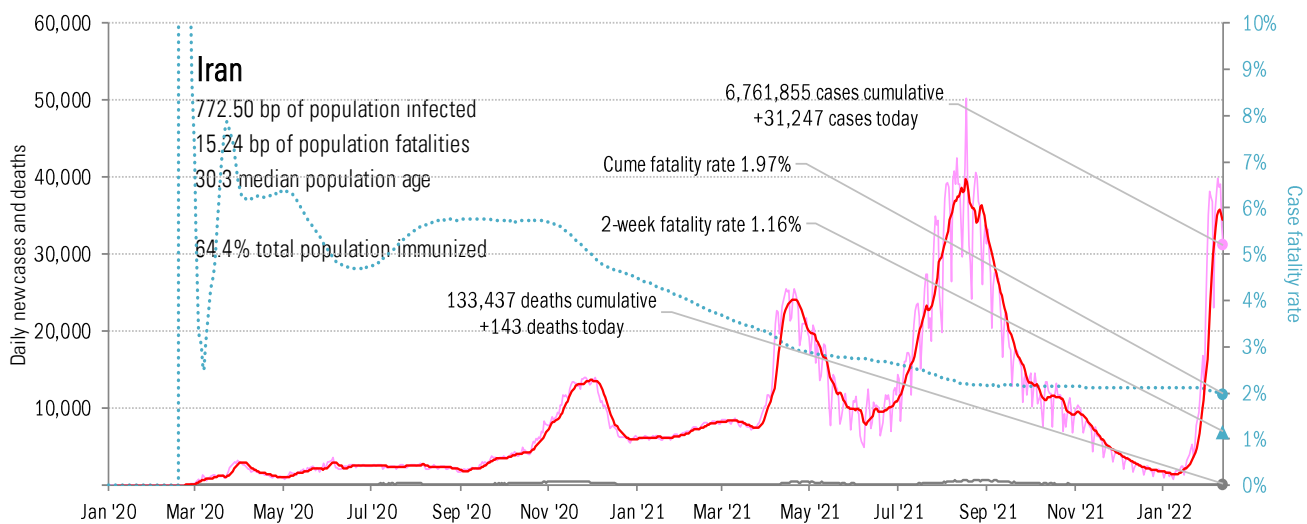
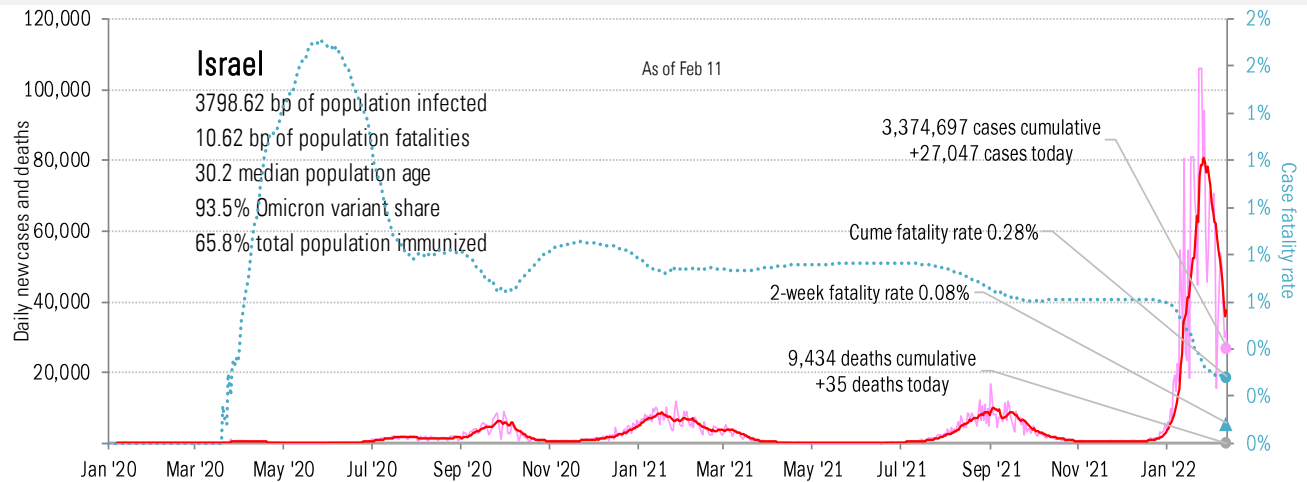
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

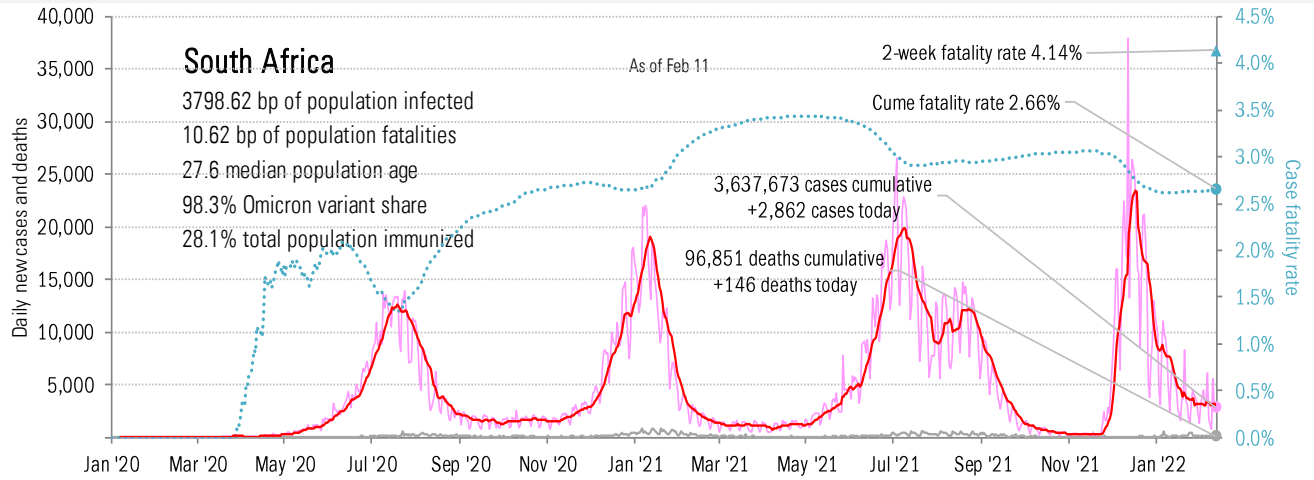
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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