

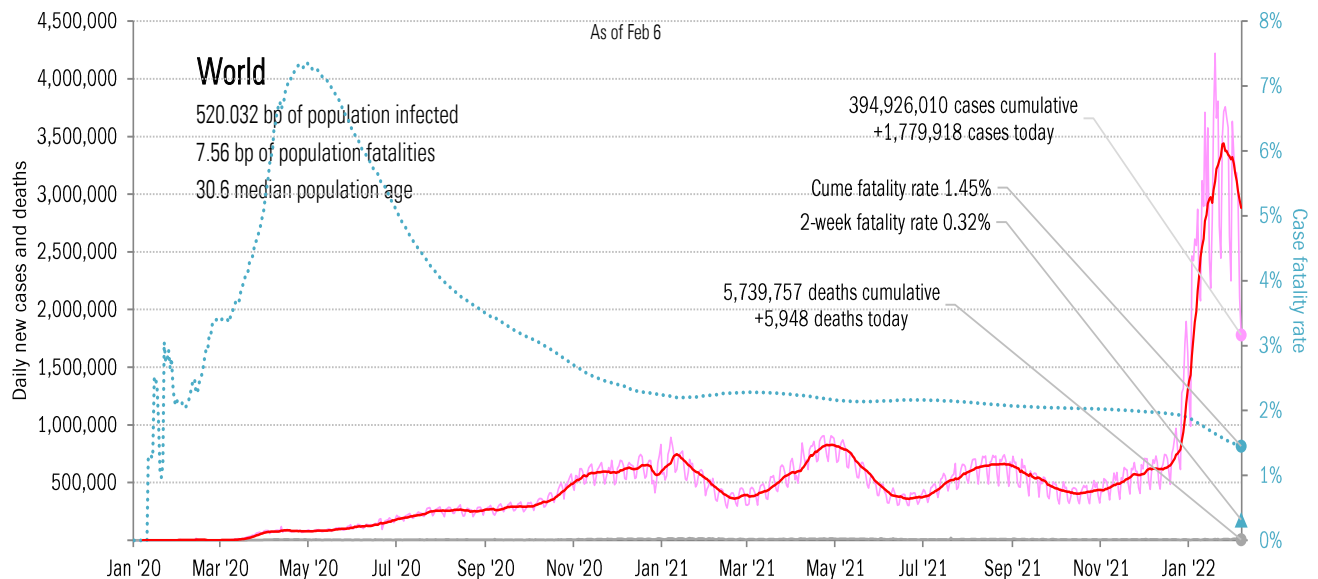
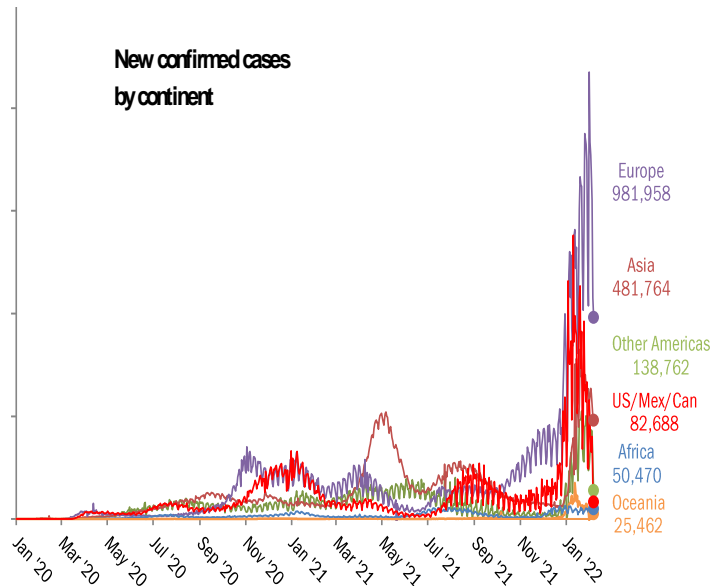
## Data Insights: Covid-2019 Monitor

Monday, February 7, 2022

### The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Russia	178,616	India	895
France	155,439	Russia	650
Netherlands	94,991	United States	547
Japan	89,818	Brazil	419
Turkey	87,934	Philippines	312
India	83,876	Colombia	239
Germany	82,363	Italy	229
Italy	78,943	Turkey	201
United States	66,112	France	129
Brazil	61,853	Mexico	129
<b>979,945</b>		<b>3,750</b>	
World	1,779,918	World	5,948
Top ten	55%	Top ten	63%



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

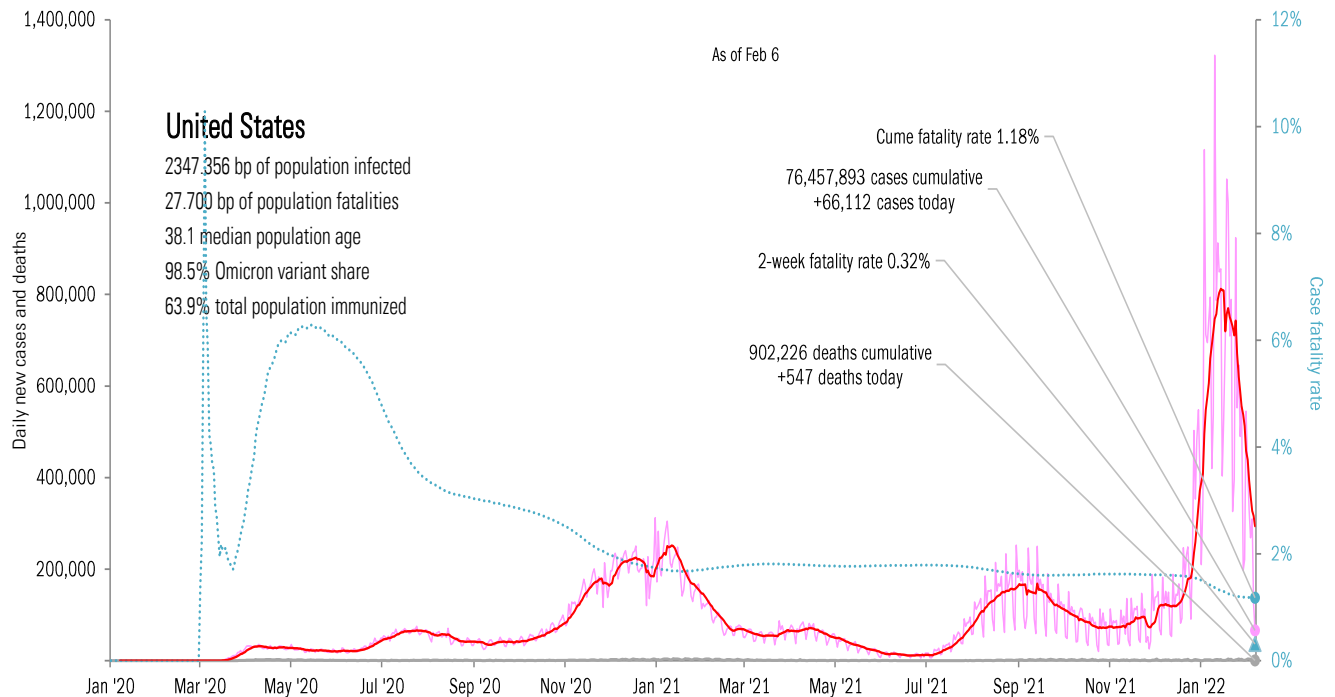
## The ten worst US states

New cases			New Deaths			New in hospital			Cum cases			Cum deaths			Cum in hospital			Hospital use		ICU use	
FL	18,814		FL	189	NY	151	CA	8,627,403	CA	81,065	TX	466,104	RI	87%	AL	94%					
TX	16,895		NY	134	GA	141	TX	6,416,762	TX	80,700	CA	399,111	GA	87%	TX	91%					
NY	7,089		TN	69	MA	59	FL	5,606,356	FL	65,881	FL	396,453	MA	86%	CK	91%					
CA	6,943		CA	64	NC	45	NY	4,852,369	NY	65,760	NY	235,686	MD	85%	MS	90%					
PA	2,794		AR	38	VI	41	IL	2,957,563	PA	41,538	GA	196,150	MN	84%	GA	90%					
CH	2,070		TX	38	WA	26	PA	2,700,036	CH	34,217	CH	182,907	WV	84%	NV	89%					
MO	1,986		MD	33	CT	23	CH	2,610,125	IL	33,729	PA	168,308	WA	82%	NM	89%					
NJ	1,824		NJ	18	VA	16	NC	2,470,242	GA	33,402	IL	150,180	MO	82%	AR	88%					
FR	1,733		PA	14	IA	8	GA	2,403,125	MI	32,873	MI	134,453	PA	82%	RI	88%					
WV	1,511		MO	10	RI	8	MI	2,295,050	NJ	31,966	KY	133,925	NV	82%	KY	88%					
61,659			607			518			40,939,031			501,131			2,463,277						
All states	66,112		547			-994			All states	76,457,893	902,226			4,458,637			All states	70%	67%		
Top ten	93%		111%			-52%			Top ten	54%	56%			55%			Median	77%	81%		

Some states not reporting

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TN	-21,742	TX	-163	KY	-351	UT	+20 bp
AZ	-8,243	PA	-151	CO	-120	AZ	+10 bp
PA	-5,640	AZ	-98	AL	-87	CA	+10 bp
IA	-4,788	NJ	-62	FR	-55	CT	+10 bp
CA	-2,937	CA	-20	AR	-32	DE	+10 bp

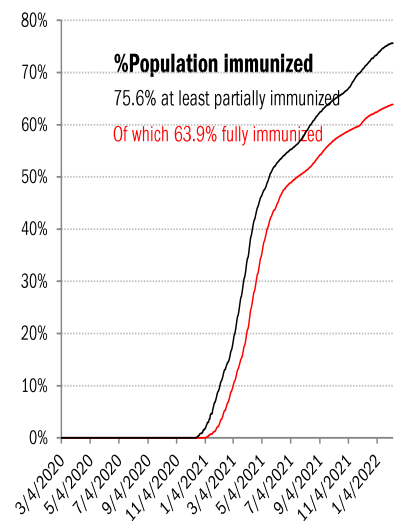
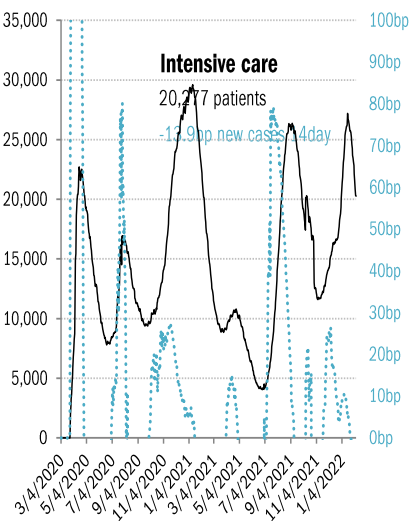
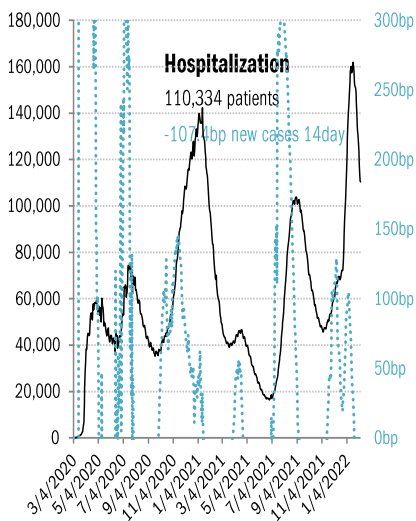
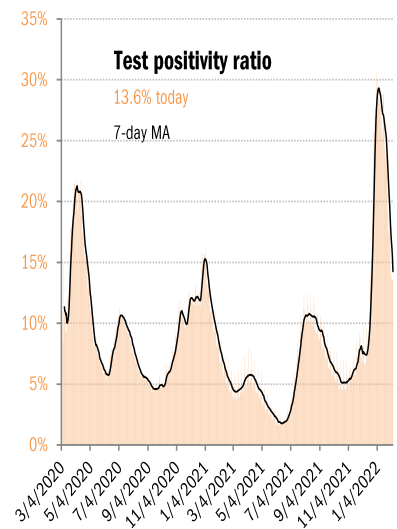
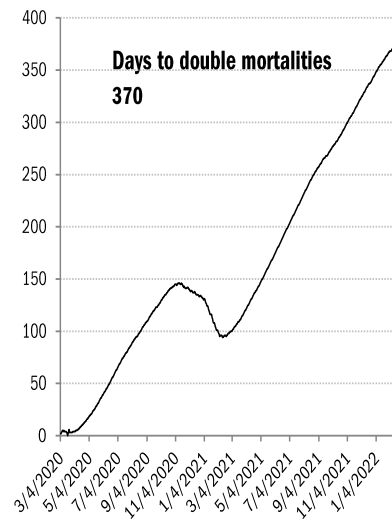
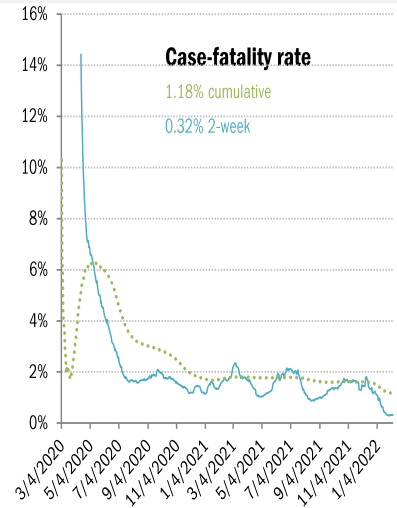
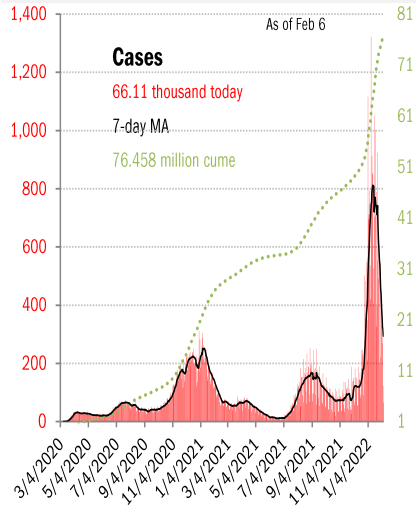


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations



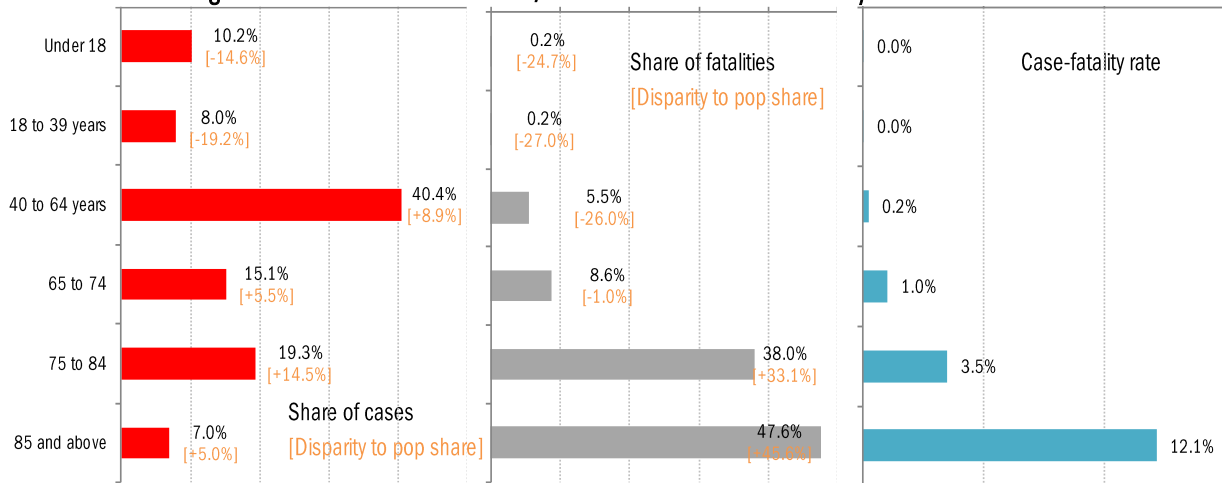
# US deep-dive

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

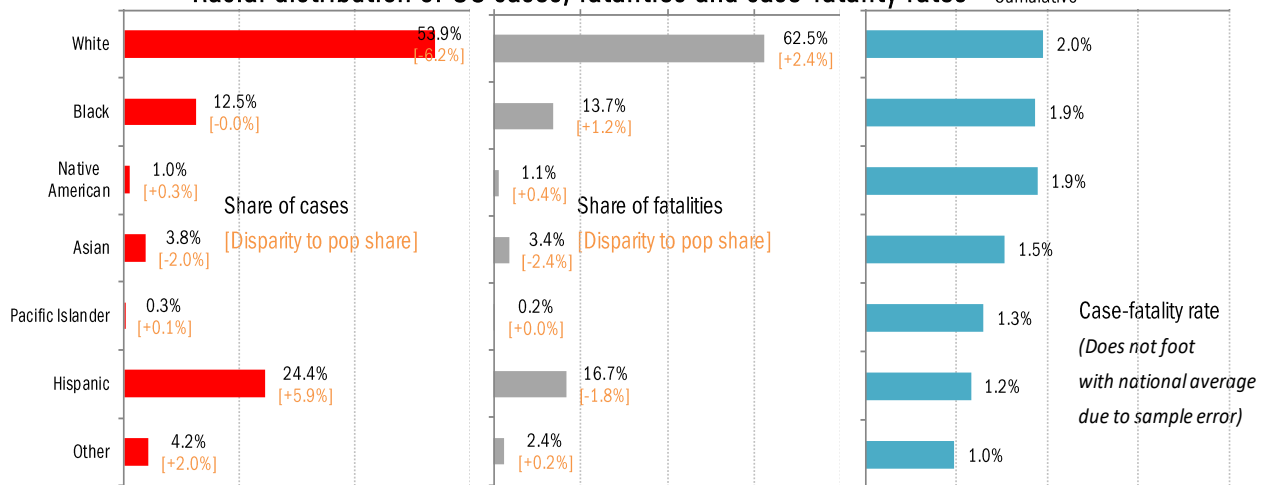


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

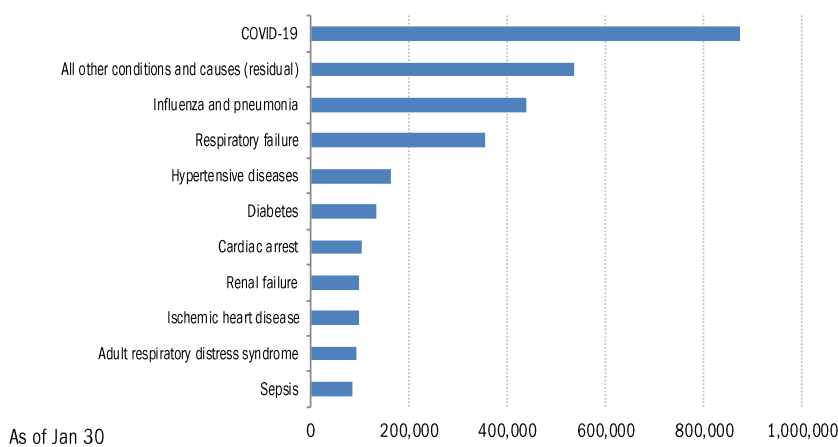


Racial distribution of US cases, fatalities and case-fatality rates



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.



## Recommended reading

### [The Dissidents](#)

Clayton Fox

*Tablet*

January 24, 2022

### [Notable & Quotable: Los Angeles Mayor Garcetti Unmasked](#)

*Wall Street Journal*

February 6, 2022

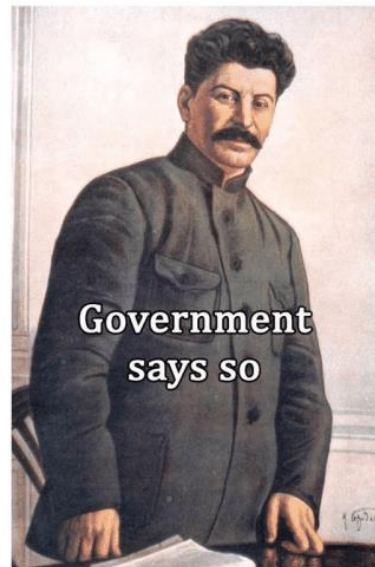
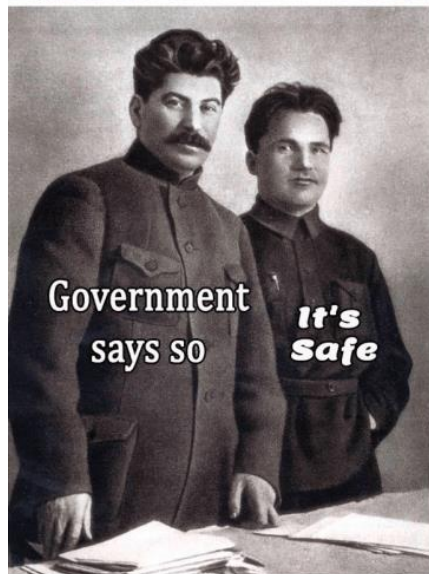
### [China's Forever War Against Covid-19](#)

Holman W. Jenkins, Jr.

*Wall Street Journal*

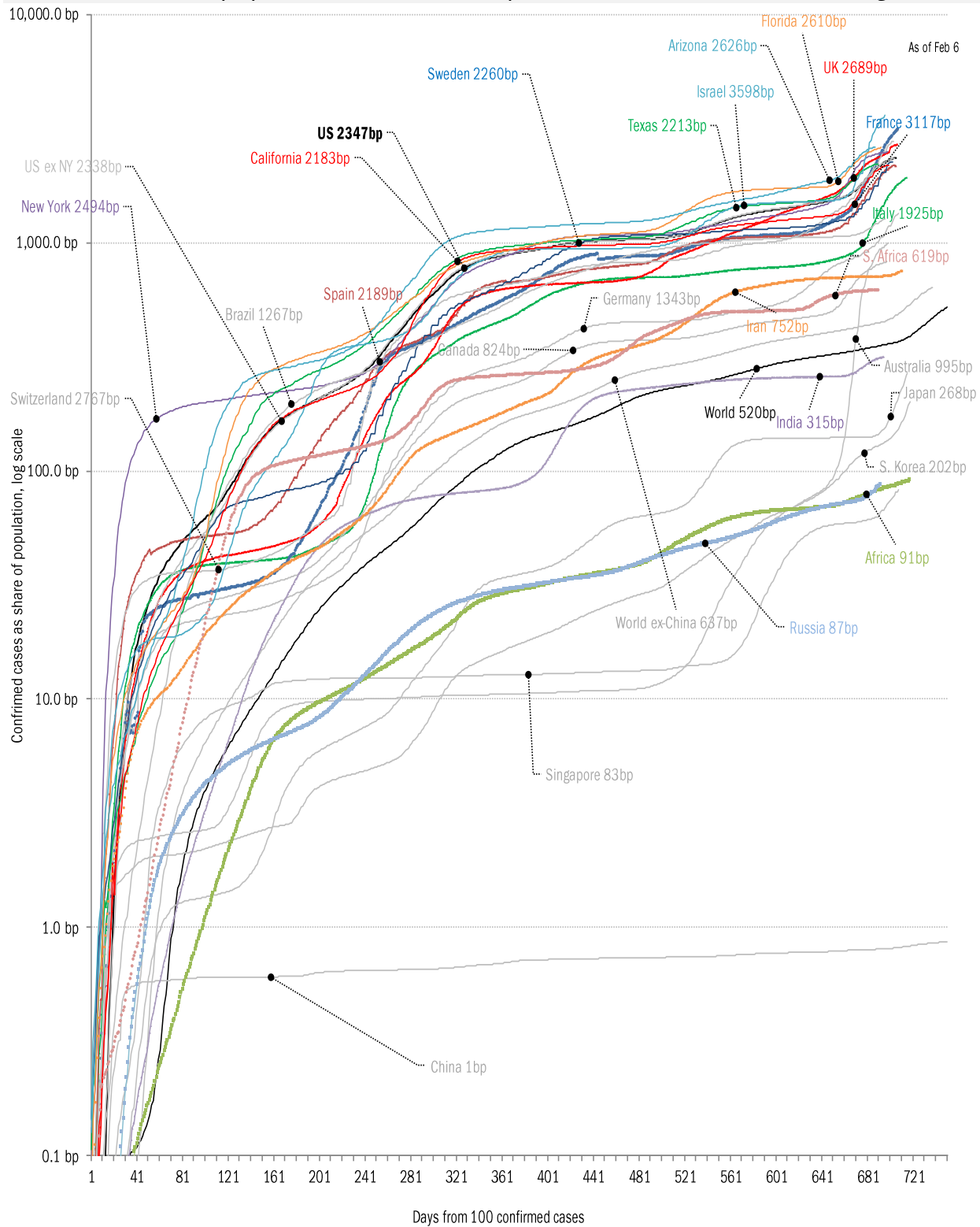
February 4, 2022

## Meme of the day



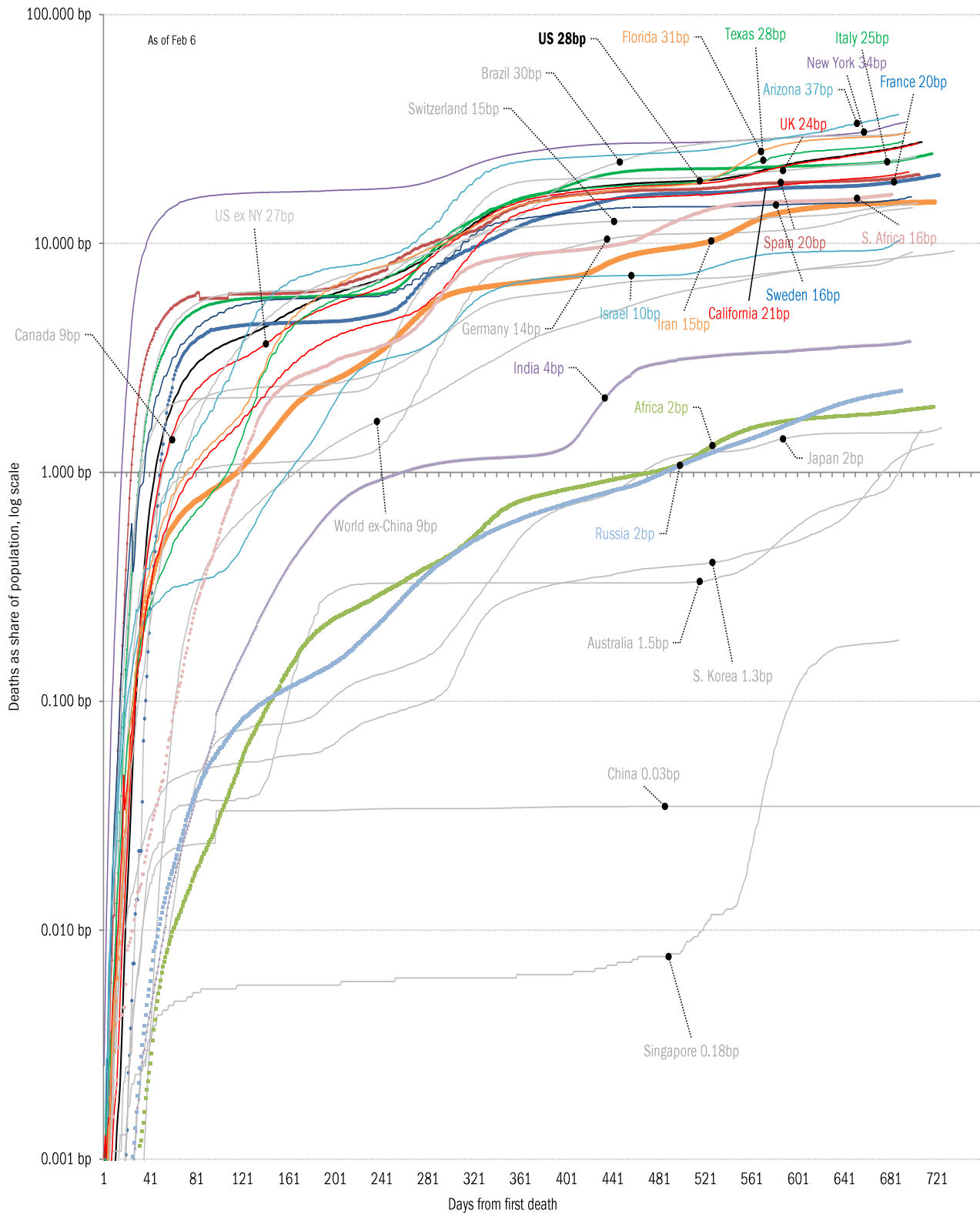
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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*



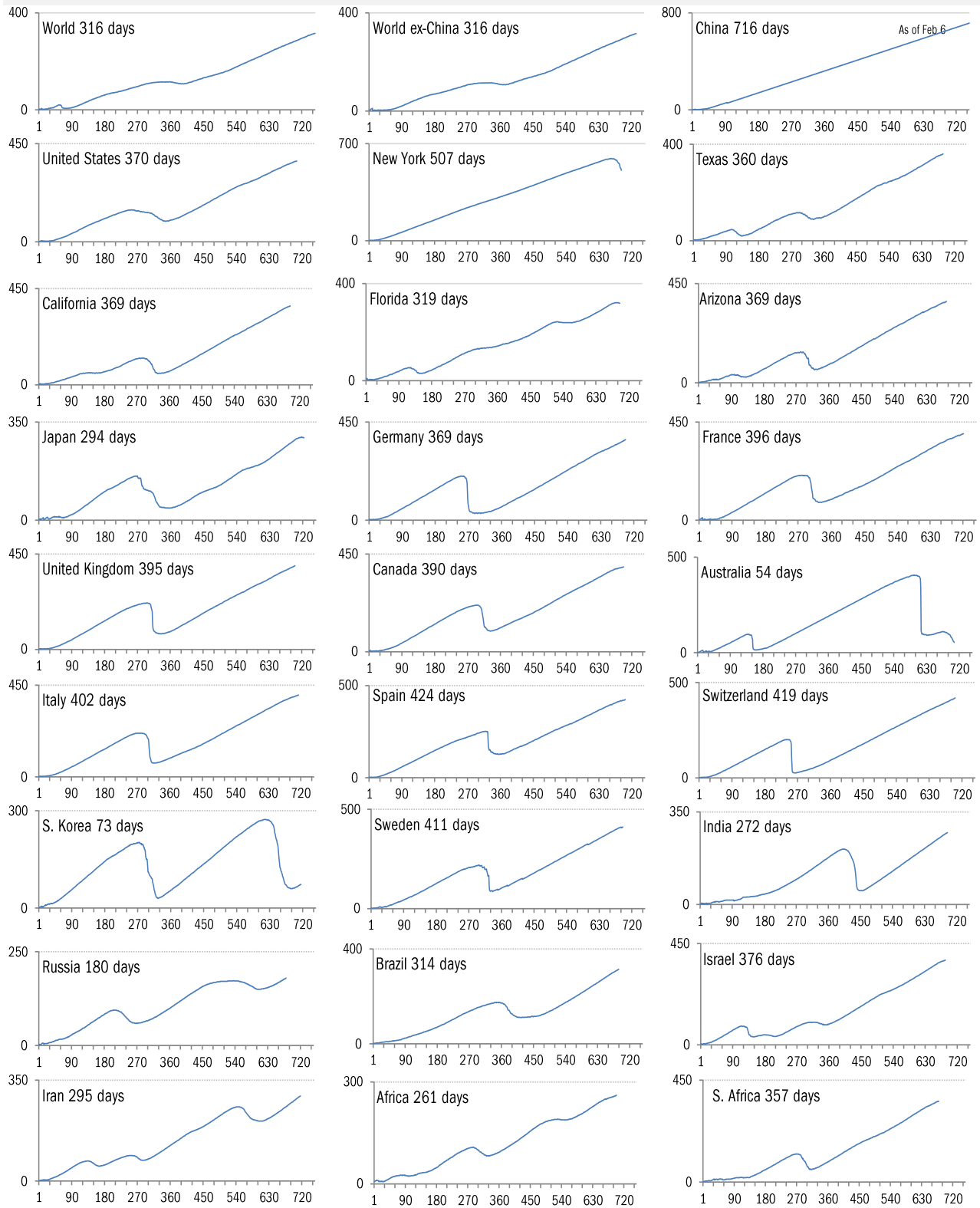
Source: [Johns Hopkins](#), TrendMacro calculations



# "Exponential"? Our most reliable evidence of the rate of spread of Covid-19

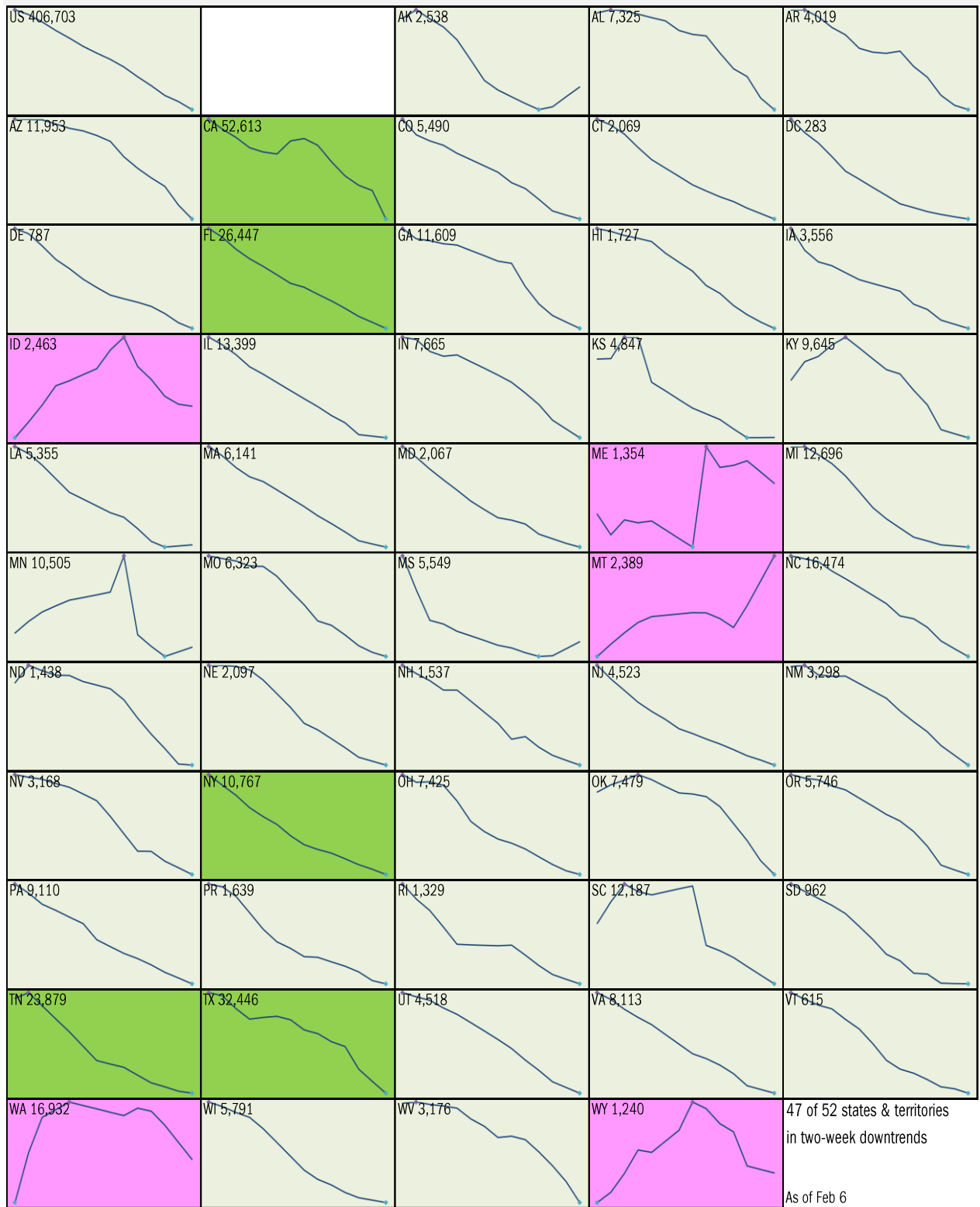
Vertical: days to double deaths Horizontal: days from first death

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

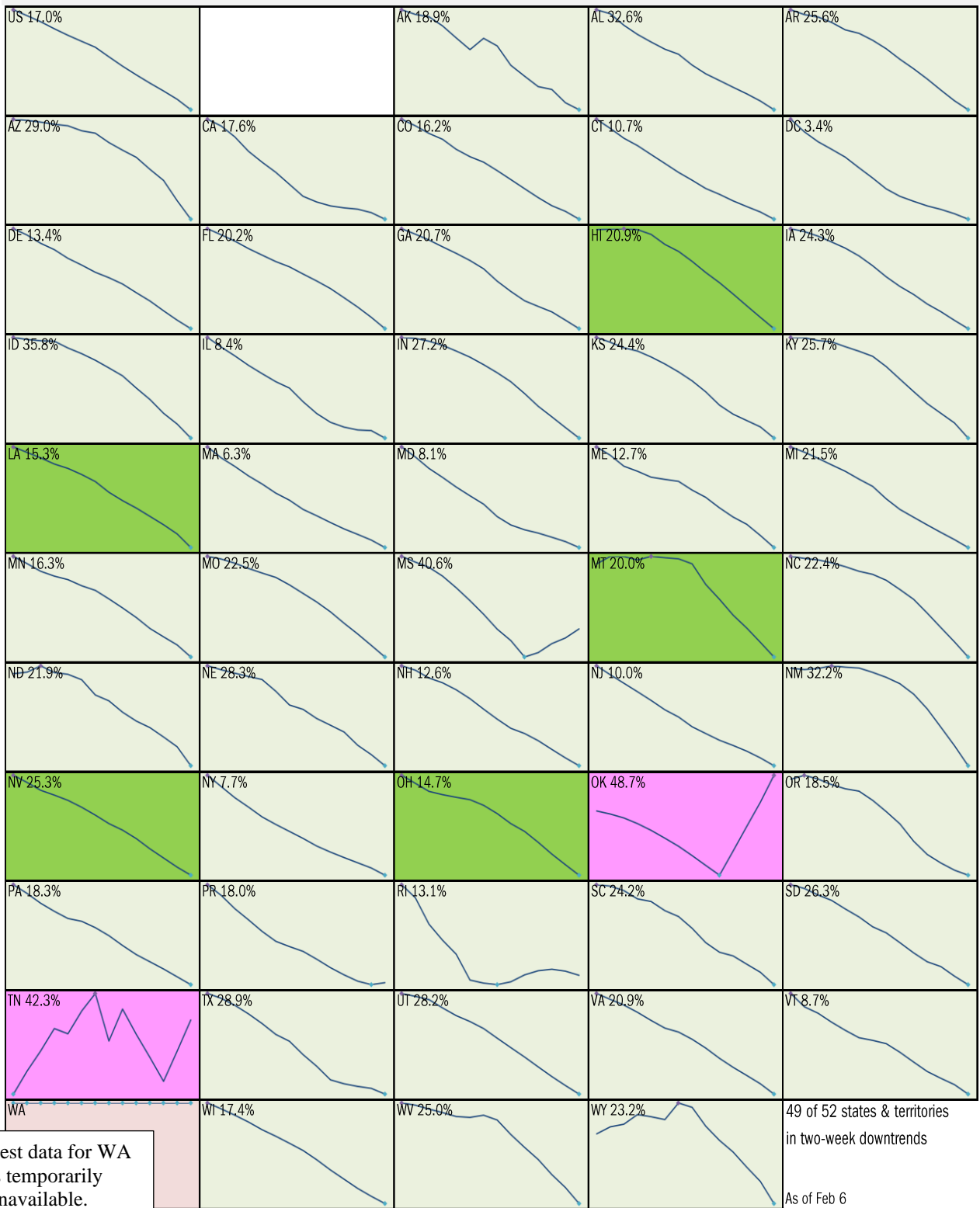


Source: [Johns Hopkins](#), TrendMacro calculations

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



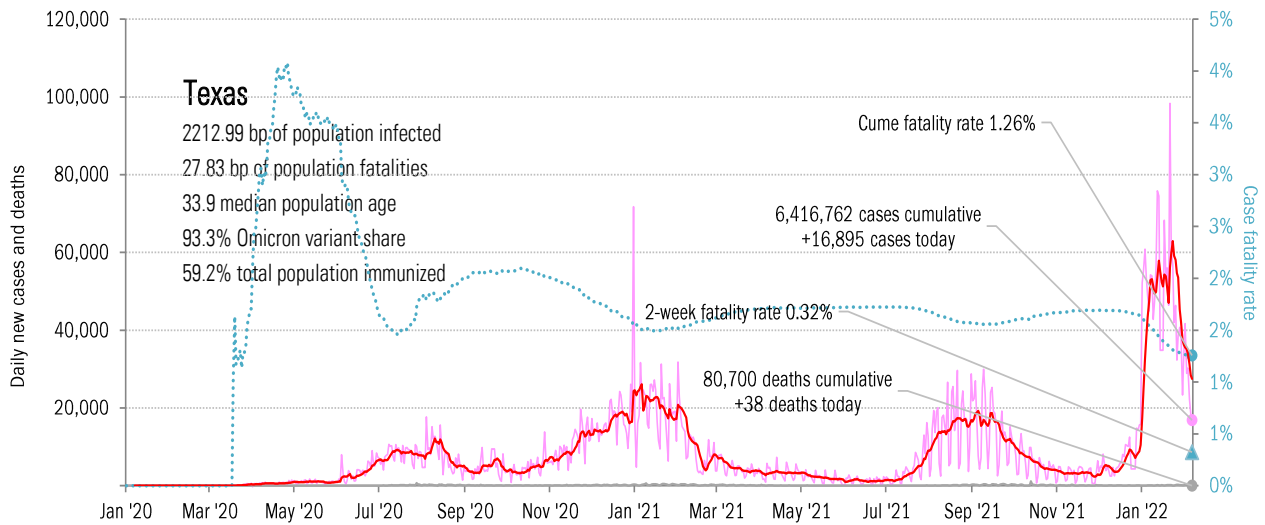
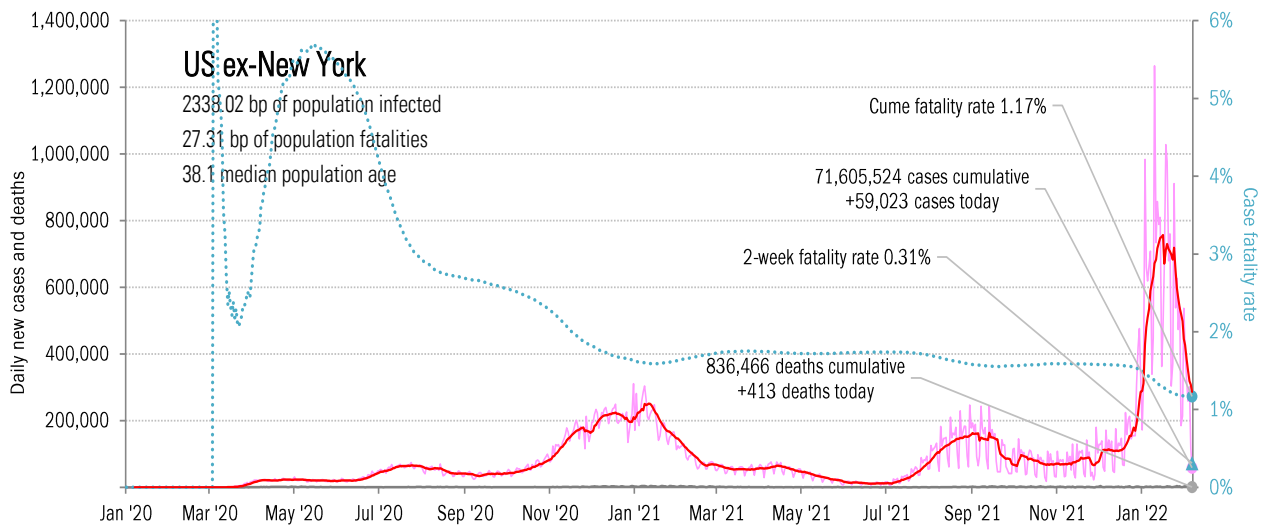
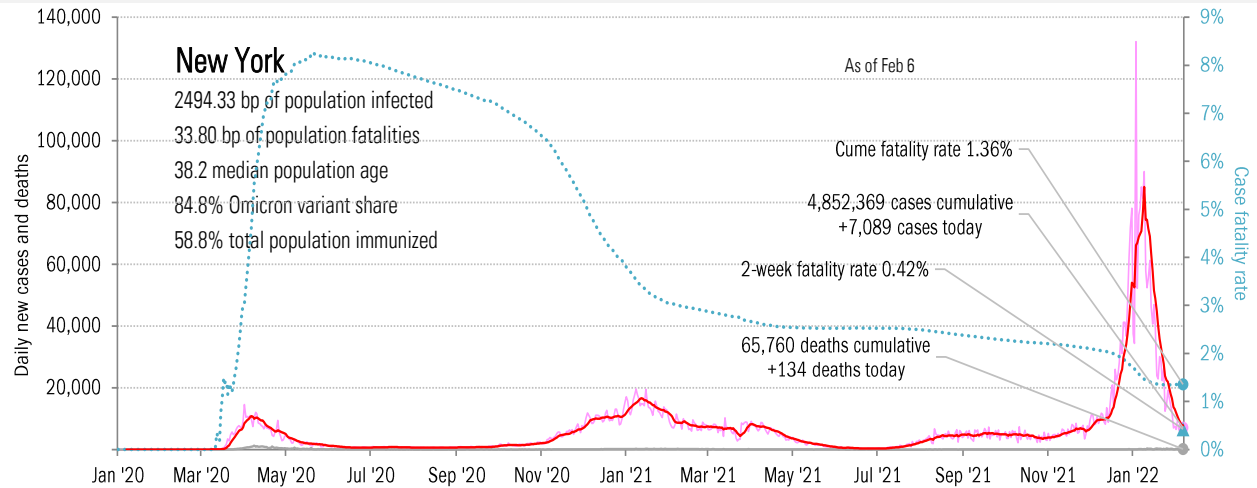
49 of 52 states & territories  
in two-week downtrends  
As of Feb 6

Test data for WA is temporarily unavailable.

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

# From Ground Zero to the Rio Grande

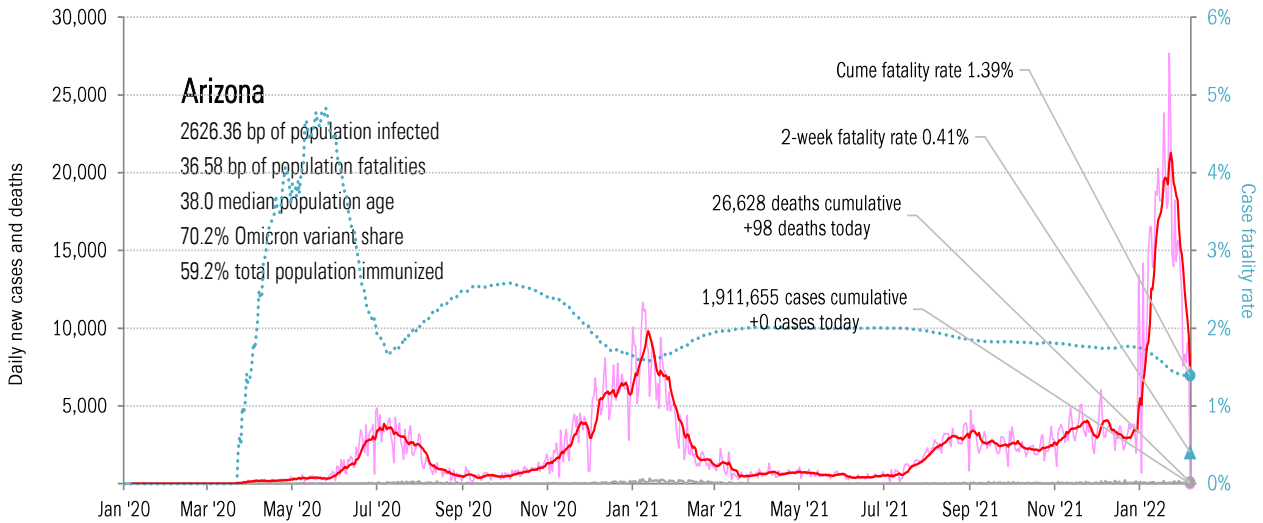
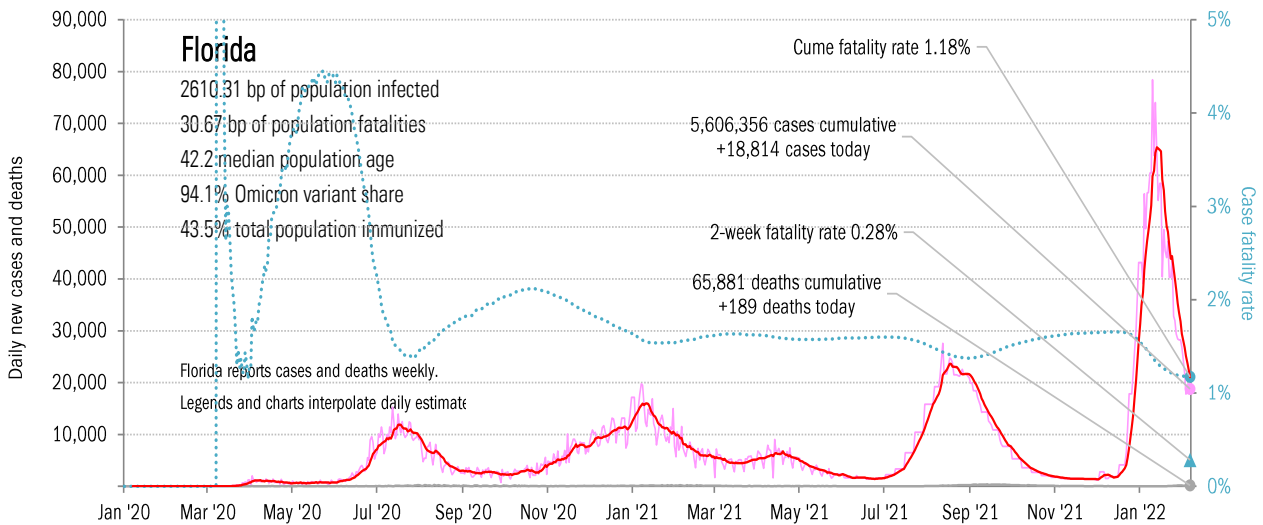
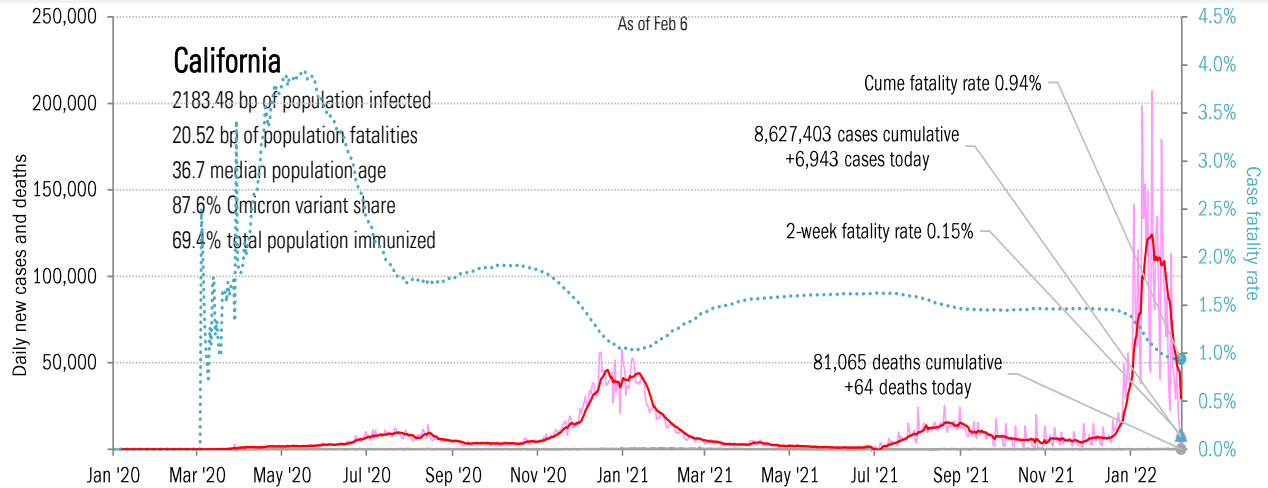
Cases: 7-day average and daily Deaths: Daily



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

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

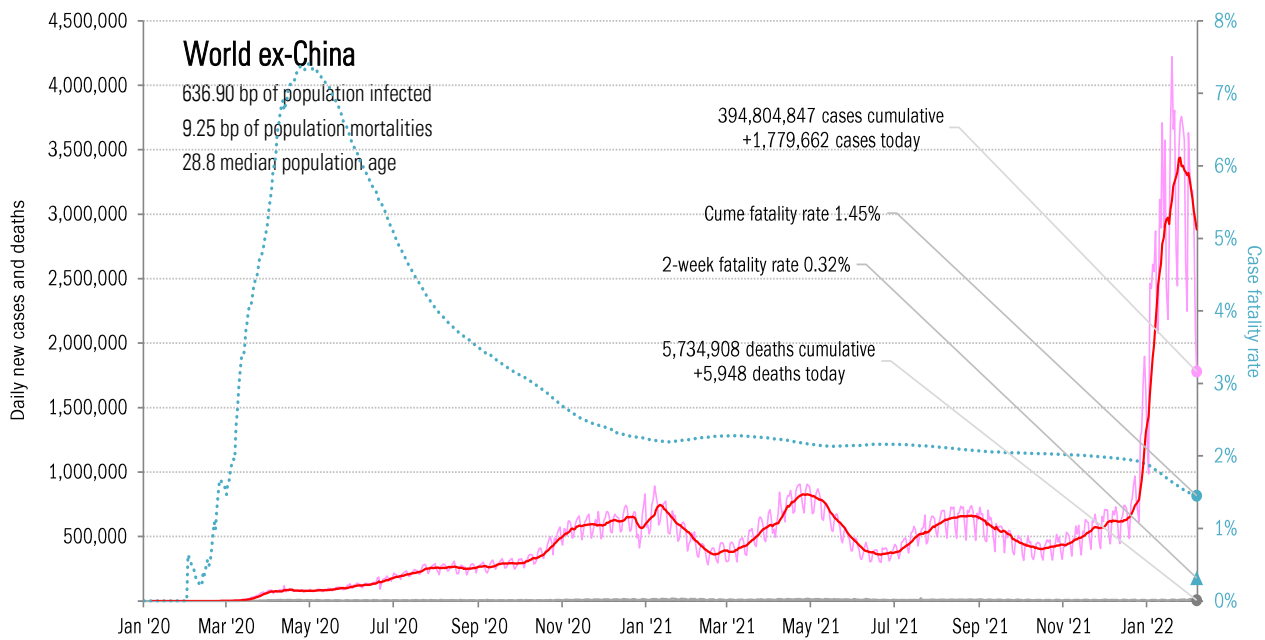
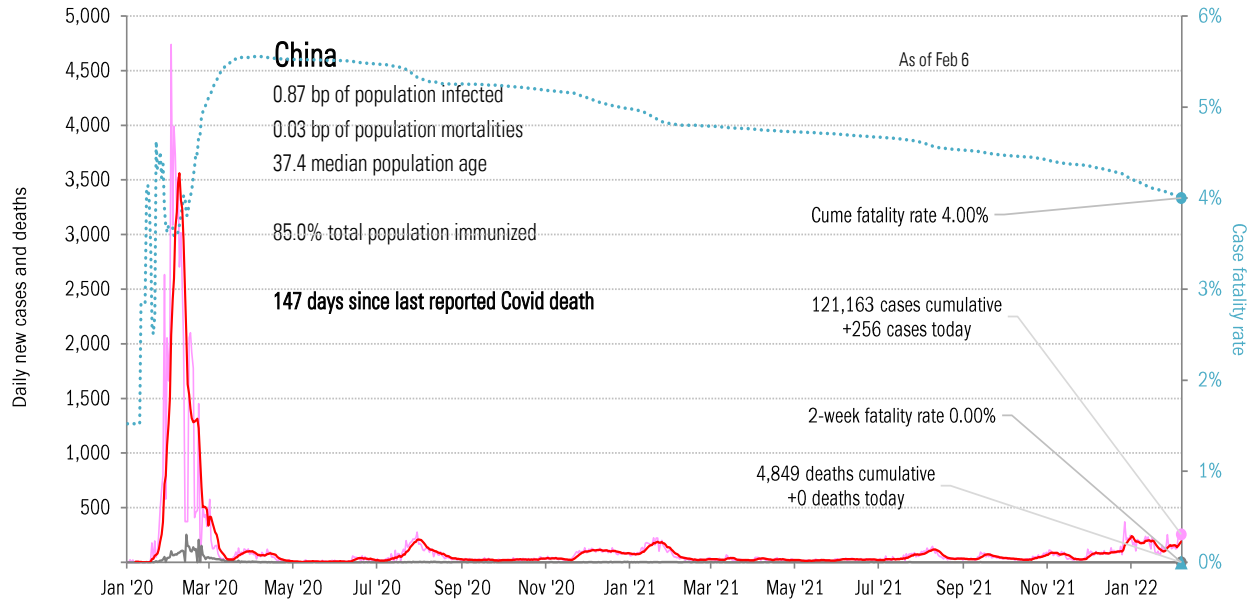
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

Cases: 7-day average and daily Deaths: Daily

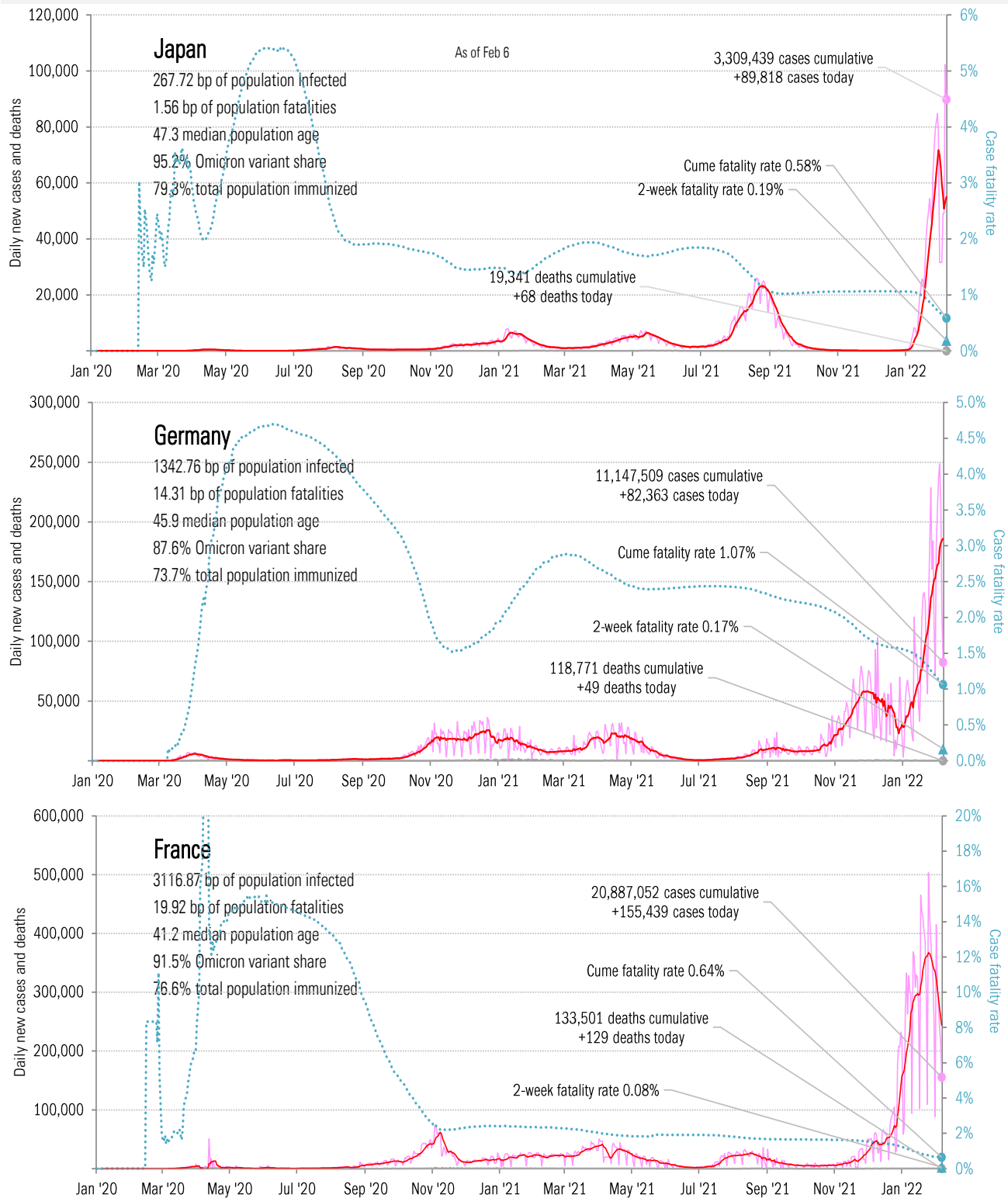


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations



# Impact in the largest economies

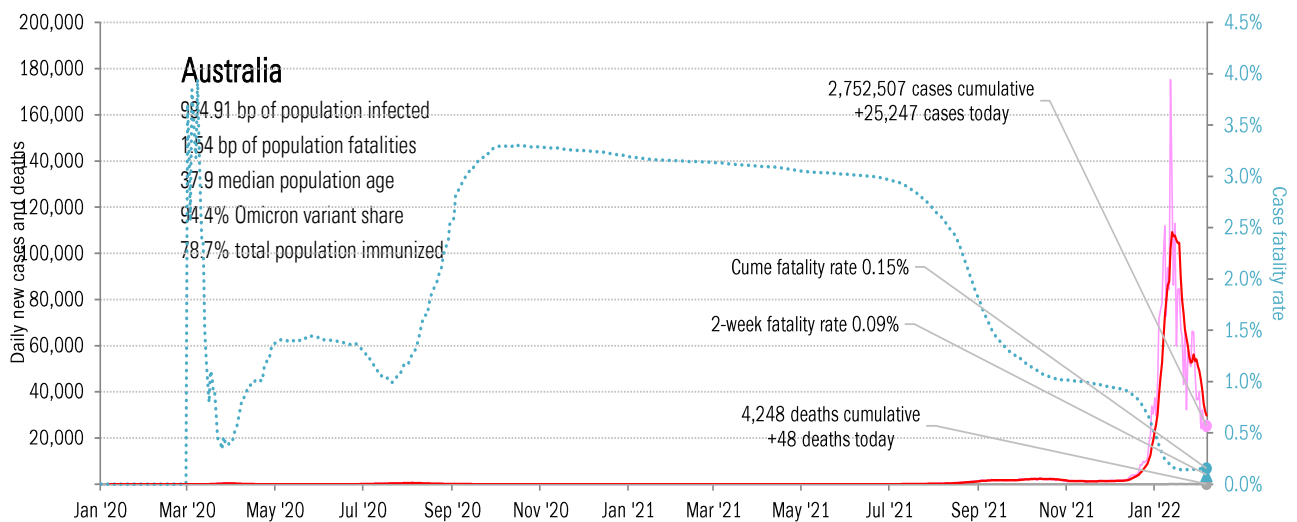
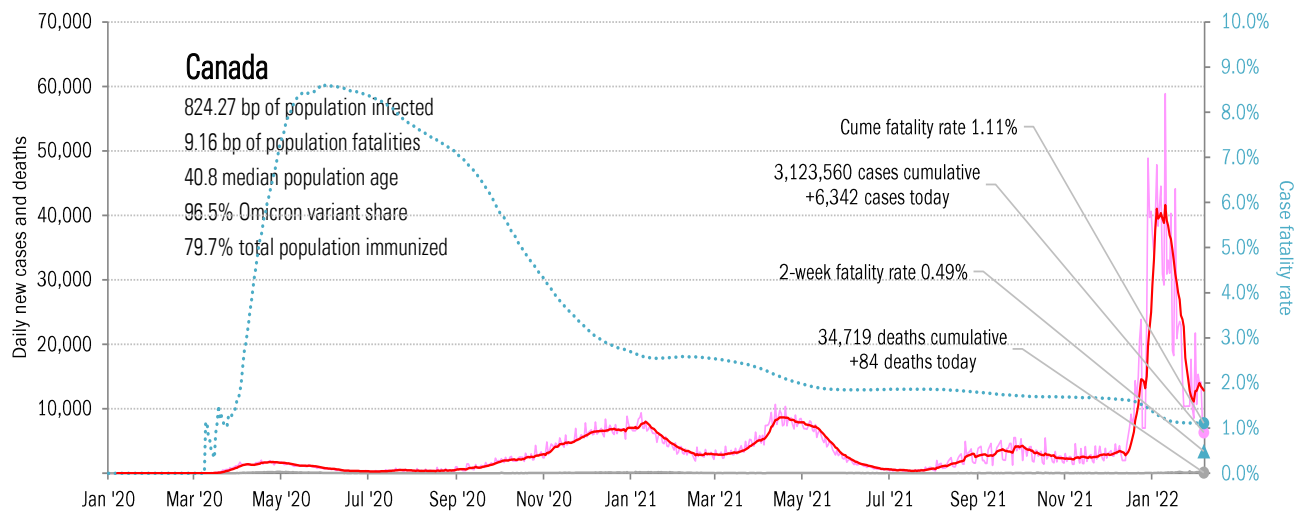
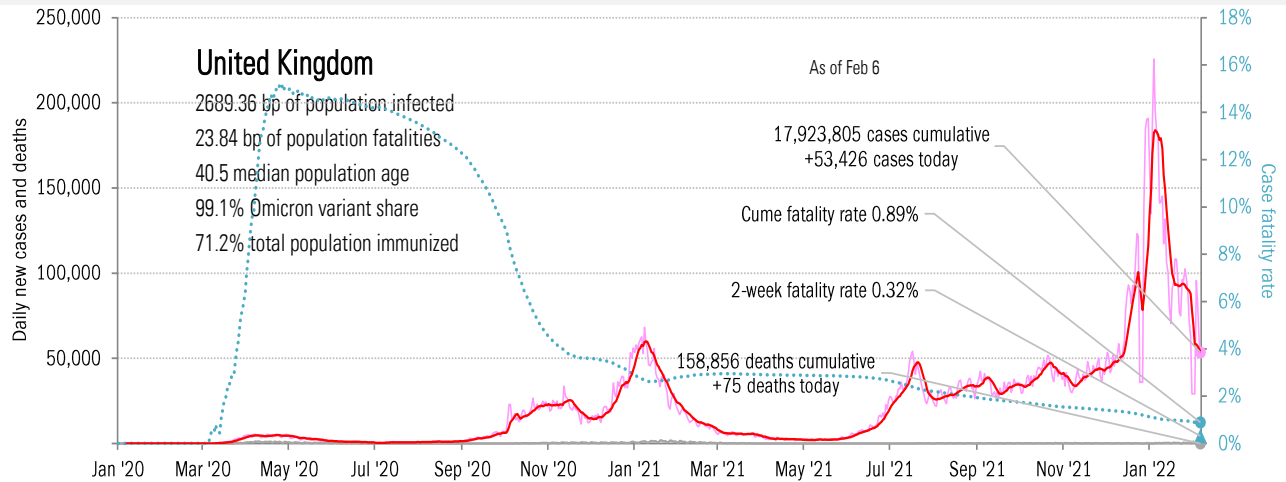
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

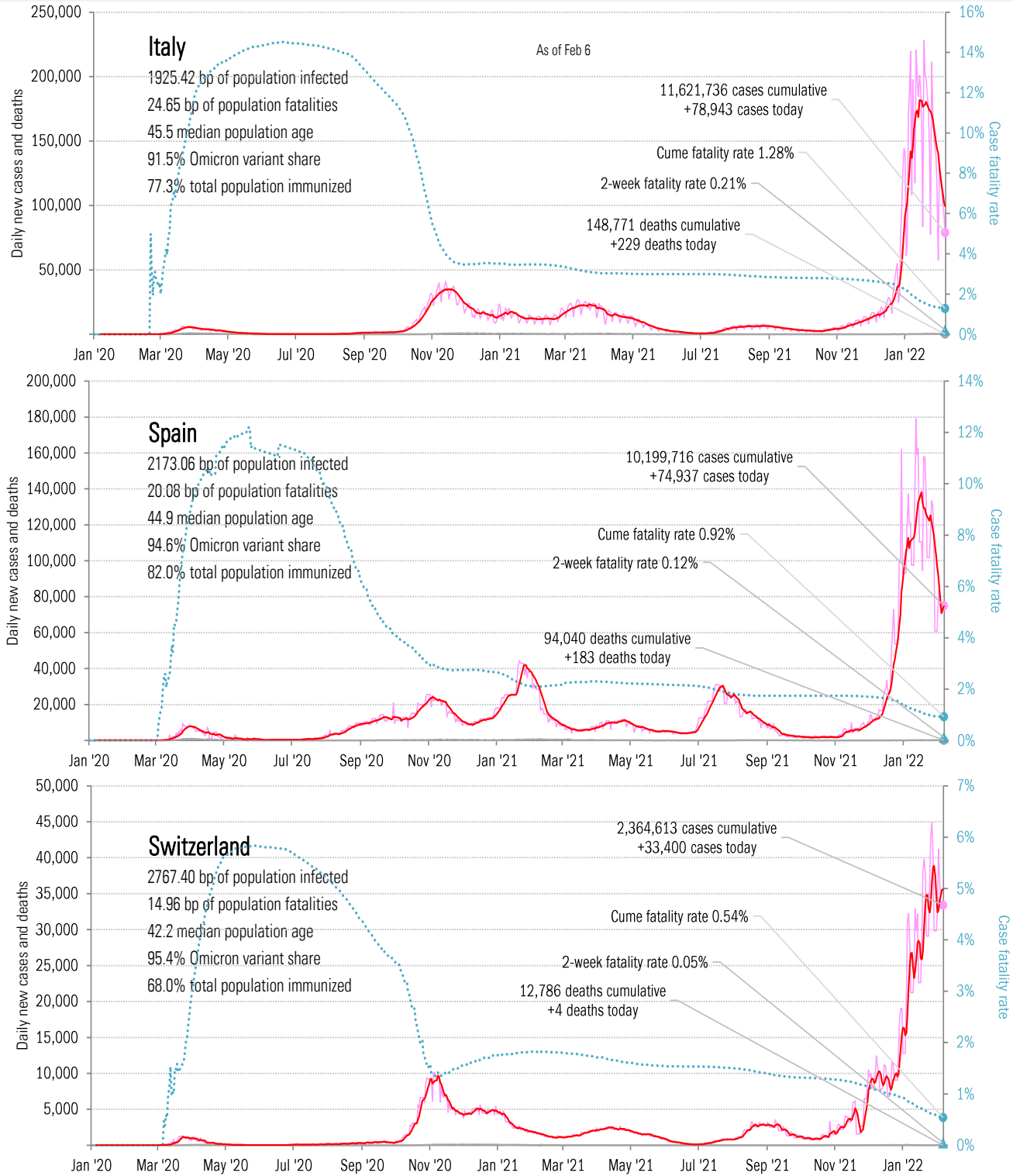
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

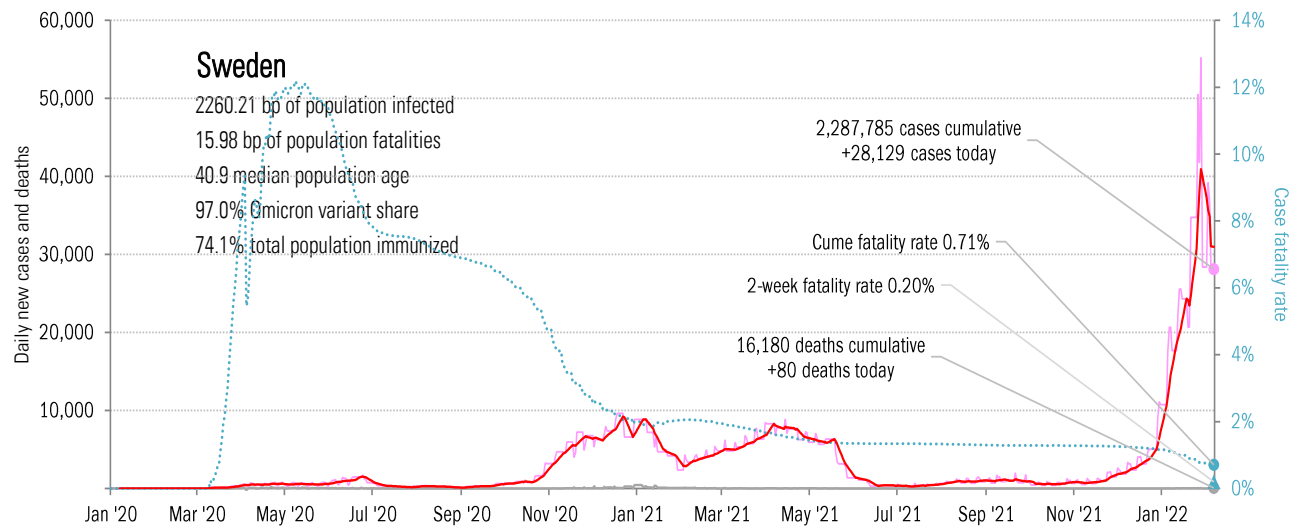
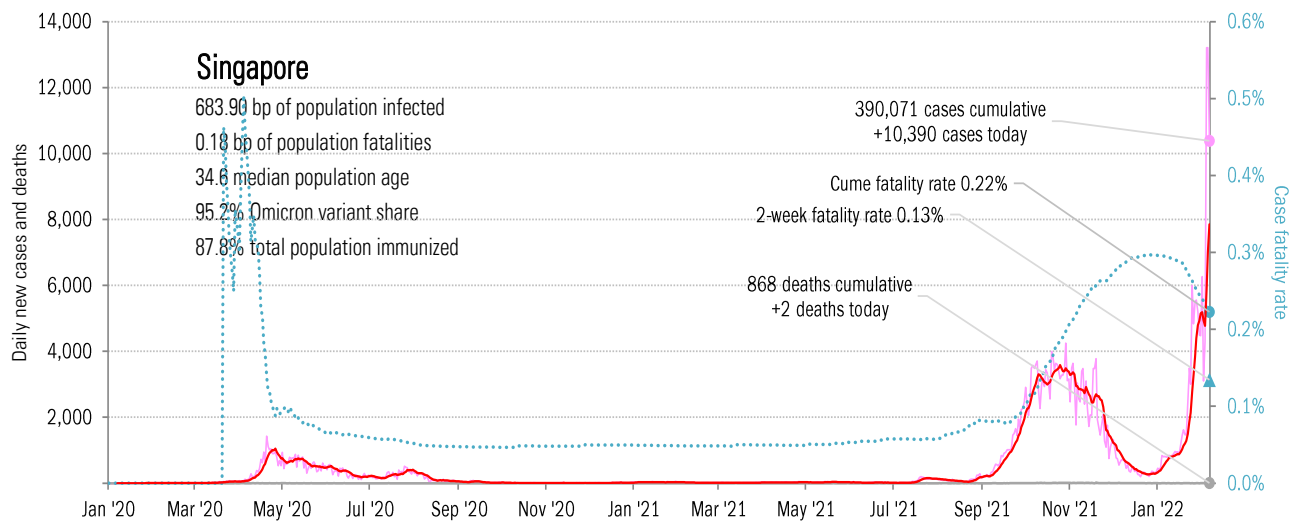
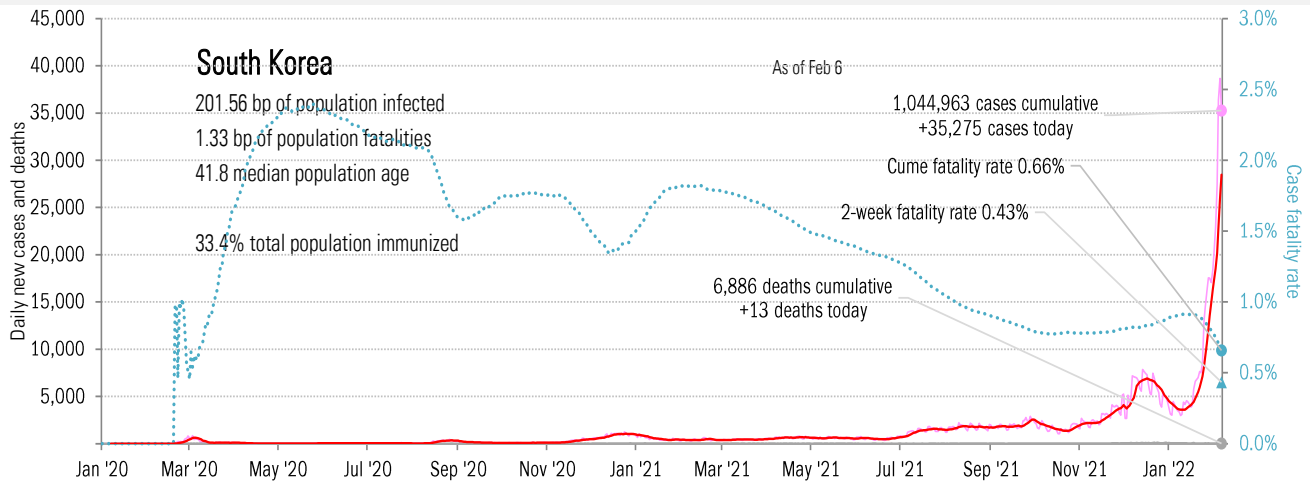
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

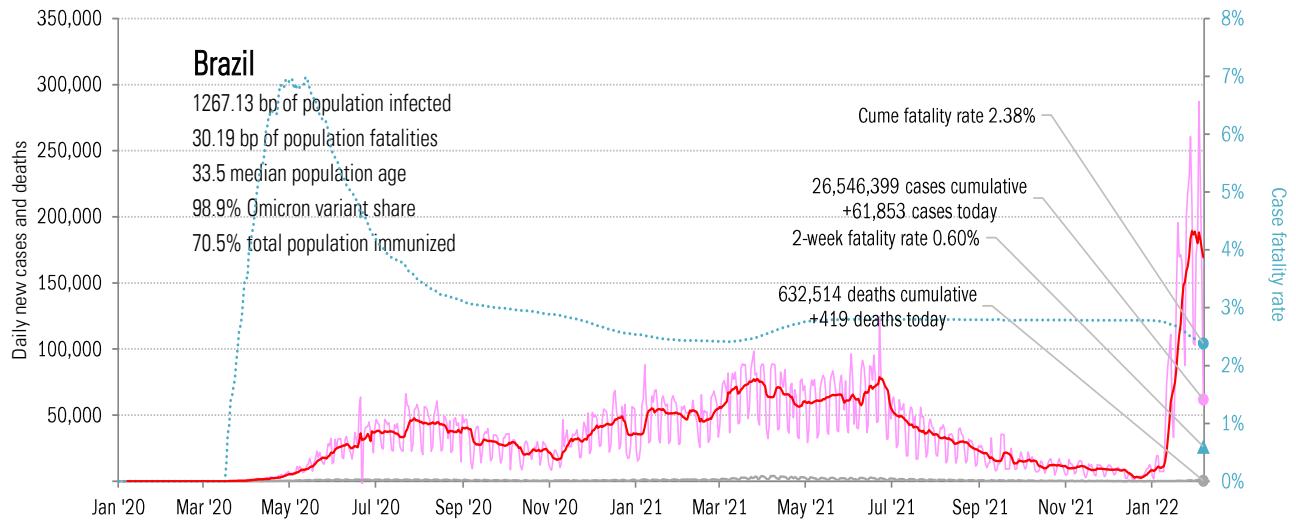
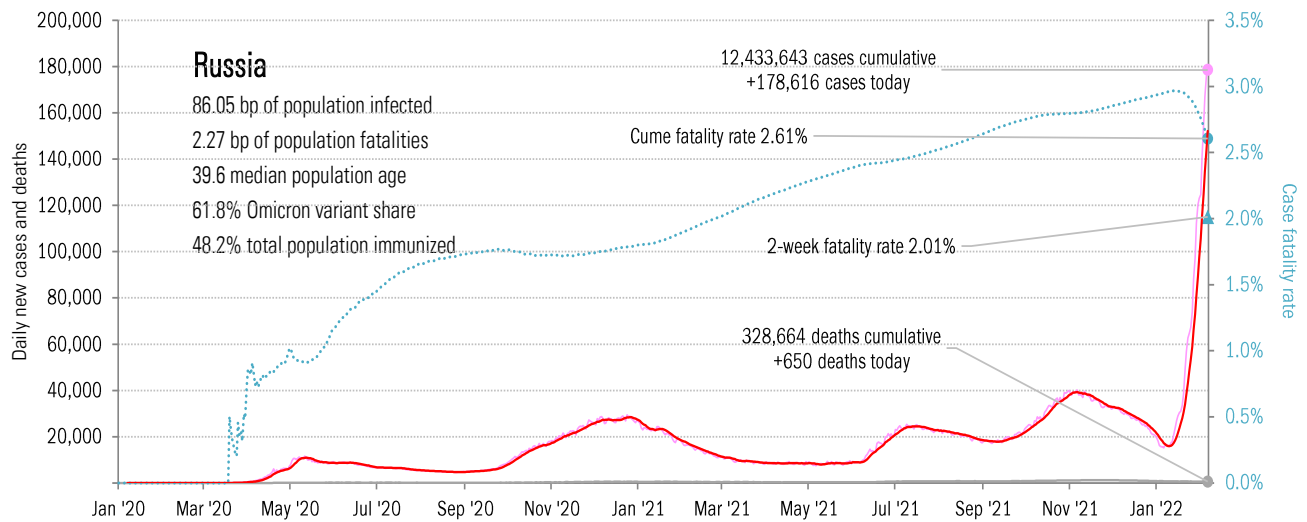
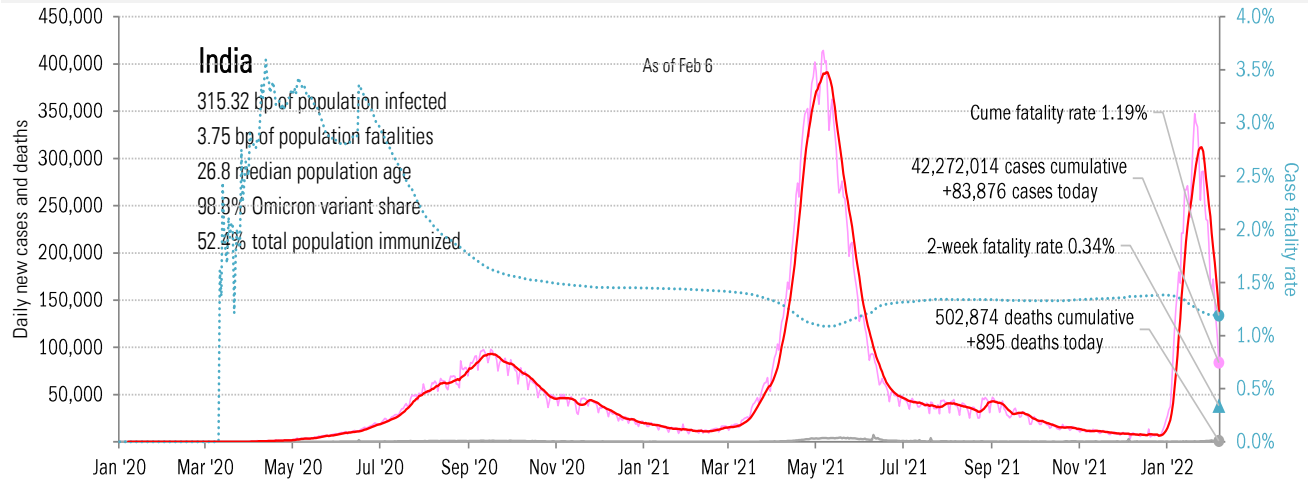
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

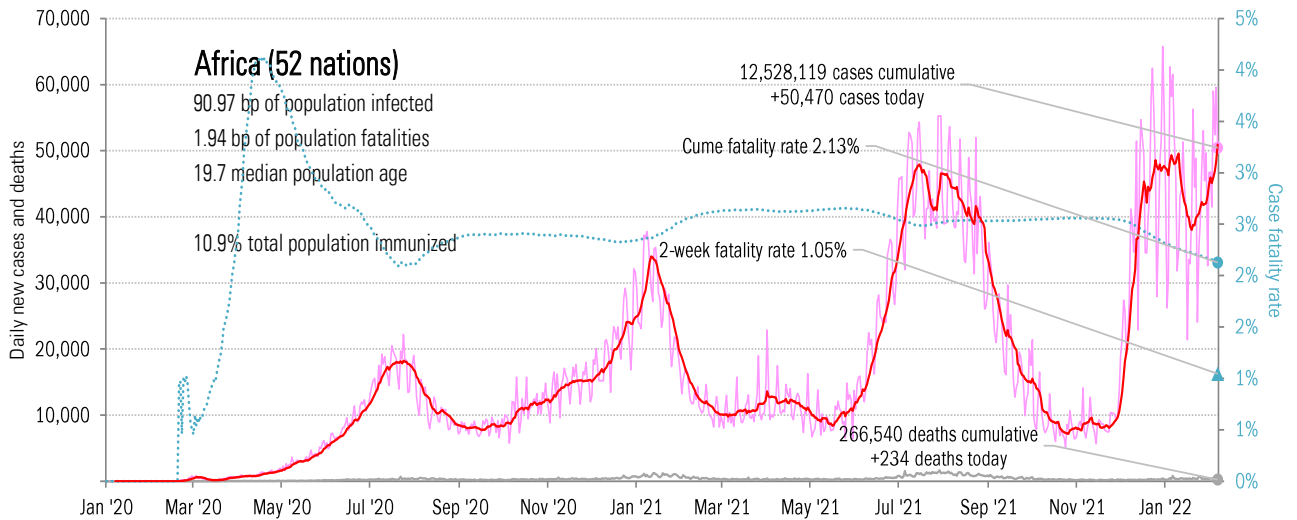
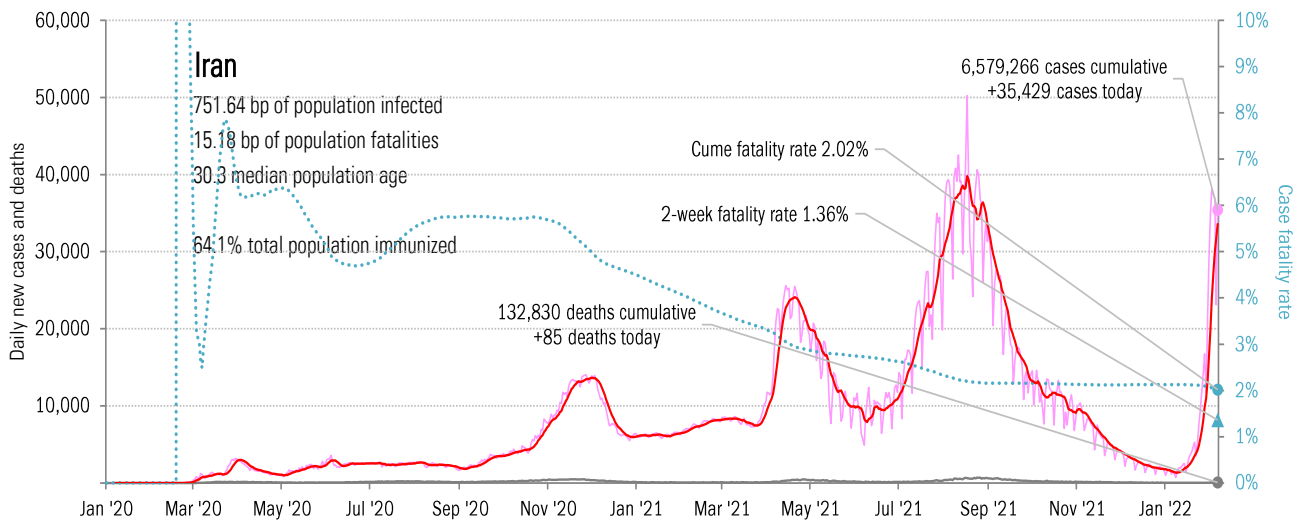
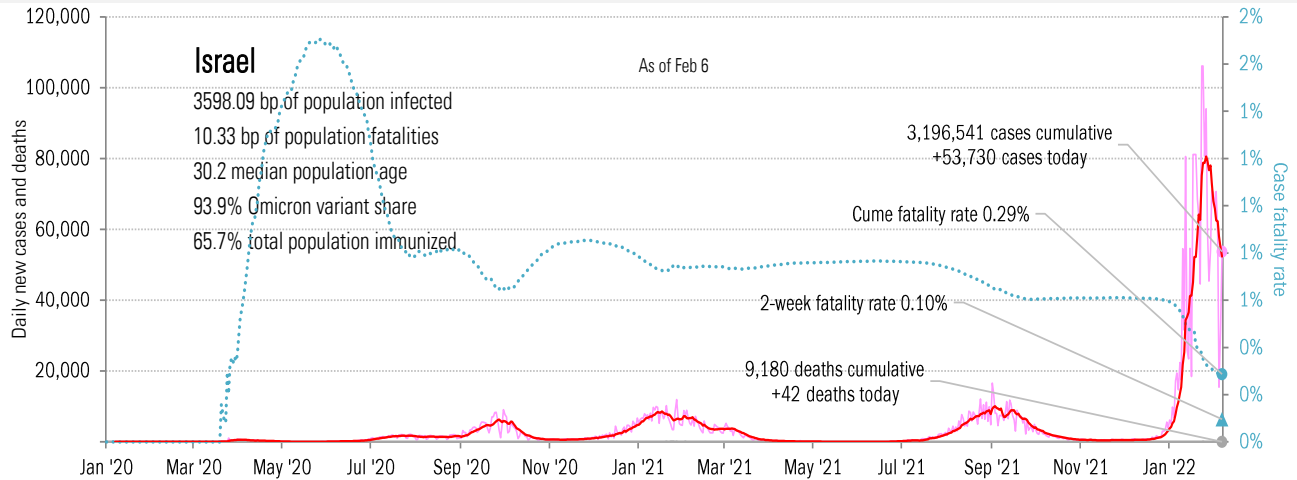
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

Cases: 7-day average and daily Deaths: Daily

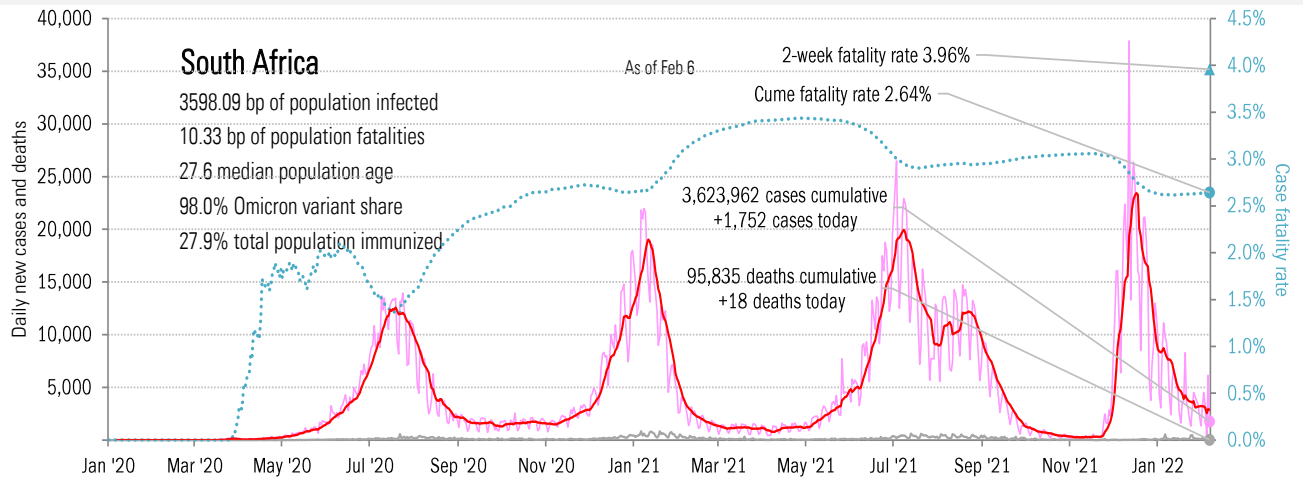


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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