

## Data Insights: Covid-2019 Monitor

Tuesday, December 13, 2022

### The global scorecard

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

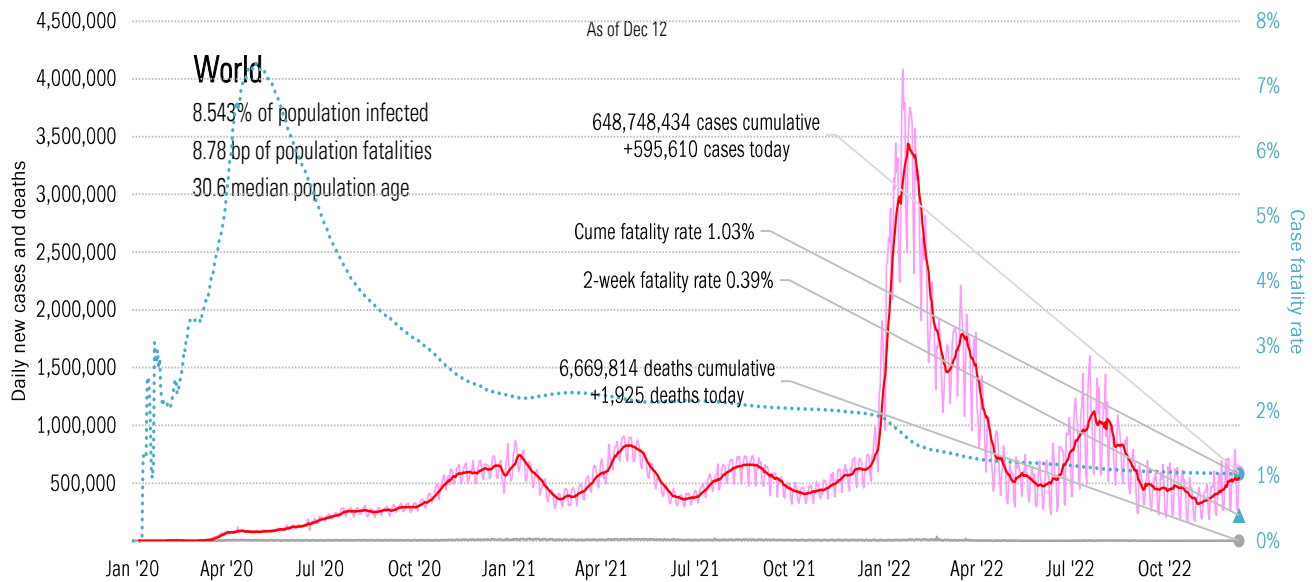
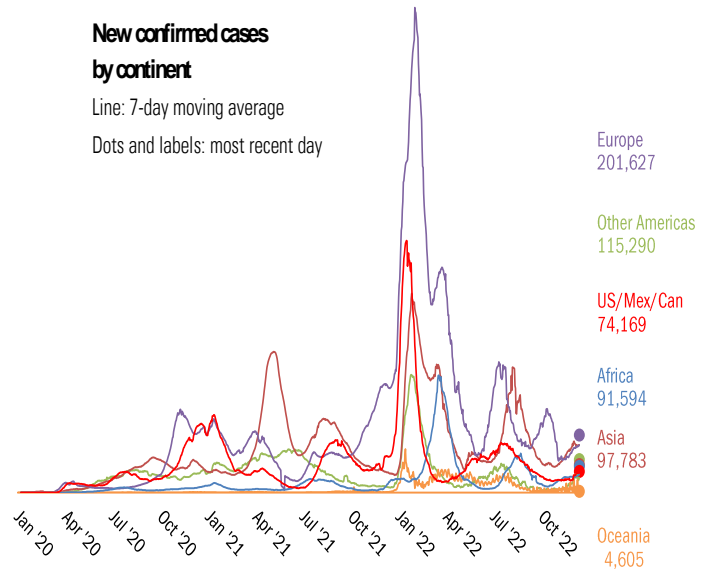
#### The worst ten countries

New cases		New Deaths	
Korea, South	86,852	United States	293
Japan	62,336	Japan	127
United States	60,580	Italy	98
Italy	31,618	France	87
France	29,910	Brazil	85
Brazil	28,014	Canada	80
Germany	14,251	Germany	69
Taiwan*	10,853	Russia	49
Vietnam	9,000	Spain	45
China	8,931	Mexico	34
<b>342,345</b>		<b>966</b>	

#### 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

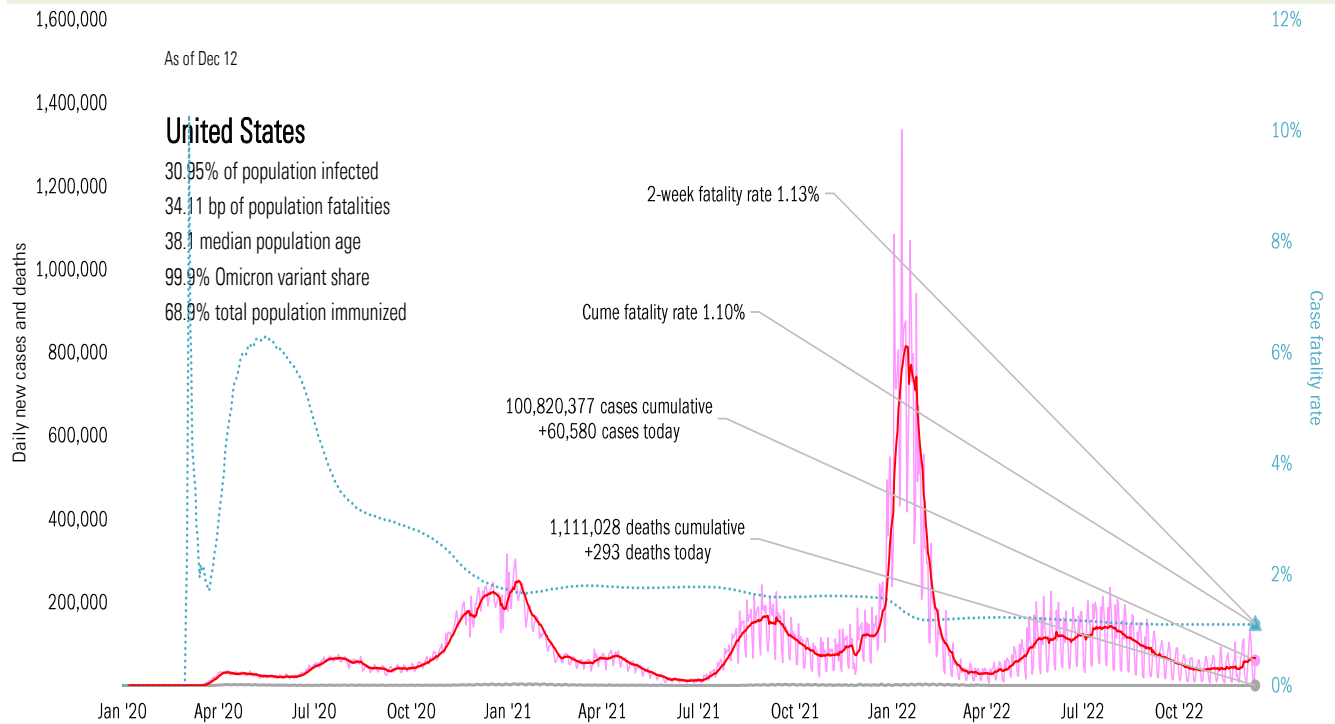
## The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
NY	11,724		NY	44		GA	155		CA	11,630,825		CA	97,873		TX	560,407		RI	92%	TX	90%
CA	7,783		CA	39		IL	235		TX	8,136,509		TX	91,516		CA	528,514		MA	88%	MA	88%
FL	4,419		MI	35		MI	142		FL	7,270,410		FL	83,201		FL	507,289		WA	88%	NC	87%
IL	2,890		ND	25		CH	236		NY	6,458,663		NY	74,327		NY	326,163		WV	86%	AK	87%
CH	2,294		PA	20		PA	192		IL	3,915,471		PA	48,527		GA	231,582		MN	86%	RI	85%
AZ	2,283		WA	18		TX	349		PA	3,375,513		GA	41,172		CH	230,932		GA	86%	WV	85%
NJ	2,075		IL	16		CT	74		NC	3,286,948		CH	40,644		PA	216,509		MD	85%	AL	85%
MI	1,703		FL	15		AL	71		CH	3,259,911		IL	40,422		IL	199,243		AK	85%	VT	84%
NC	1,658		GA	15		NC	94		GA	2,953,341		MI	40,327		MI	172,078		MO	85%	NH	83%
IN	1,648		MA	12		MA	116		MI	2,950,361		NJ	35,245		NJ	149,168		CR	85%	CR	82%
<b>38,477</b>			<b>239</b>			<b>1,664</b>			<b>53,237,952</b>			<b>593,254</b>			<b>3,121,885</b>						
All states	60,580			293			4,687		All states	100,820,377			1,111,028			5,671,328		All states	70%		67%
Top ten	64%			81%			36%		Top ten	53%			55%			55%		Median	78%		77%

Some states not reporting

## Five most improved US states

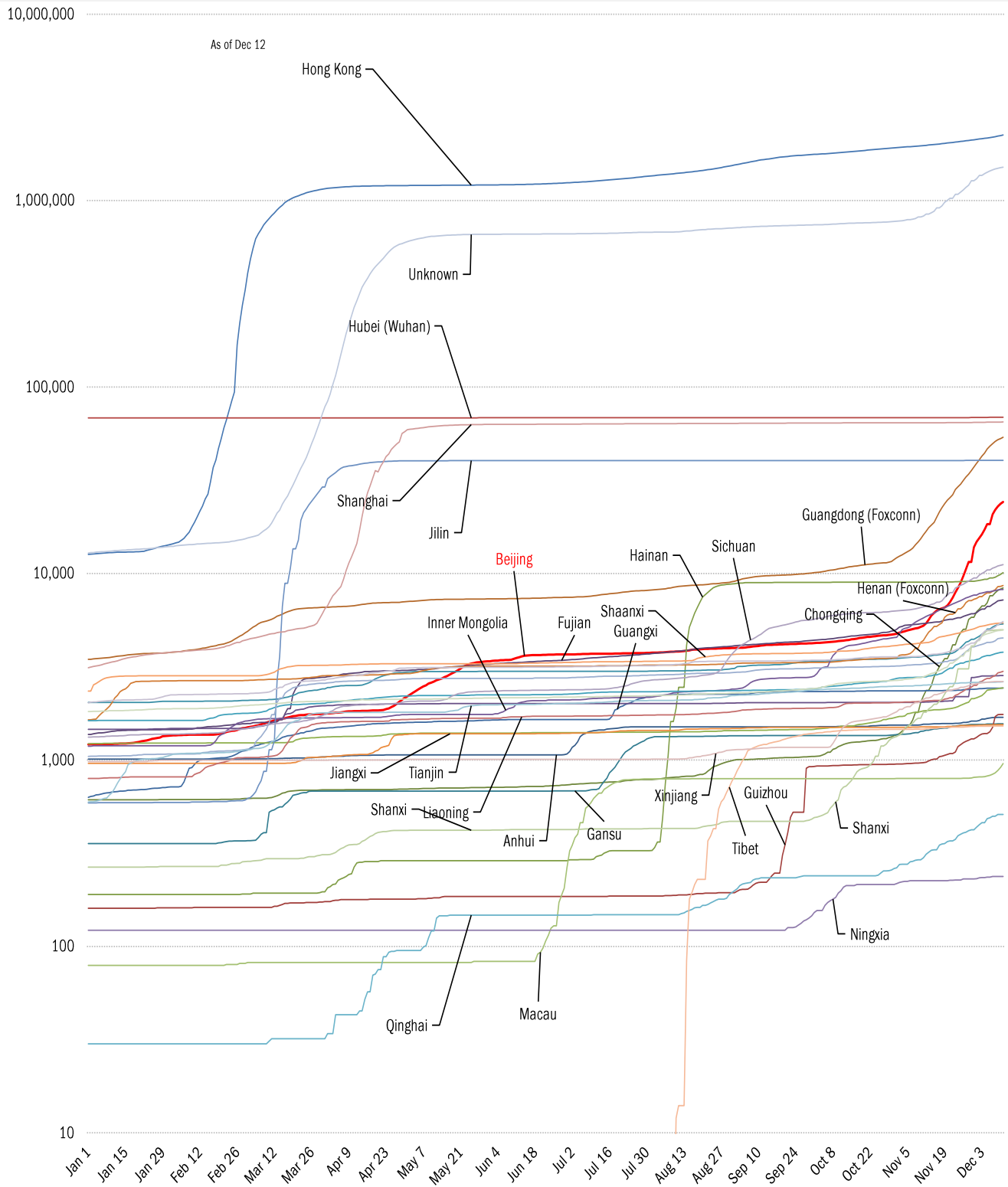
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
TX	-1,539	NJ	-12	AZ	-80
PA	-1,090	NM	-2	MD	-36
CT	-93	TX	-2	NY	-36
AR	-54	AK	0	ID	-26
AK	0	AL	0	OK	-26



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

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

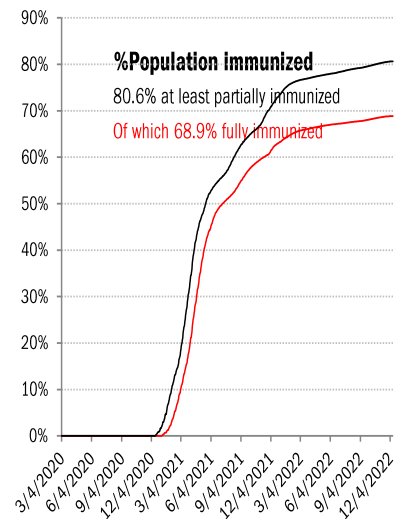
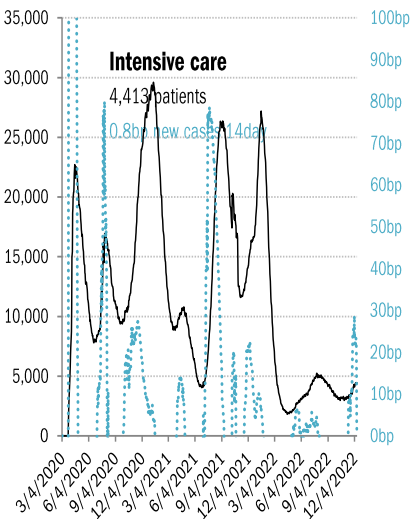
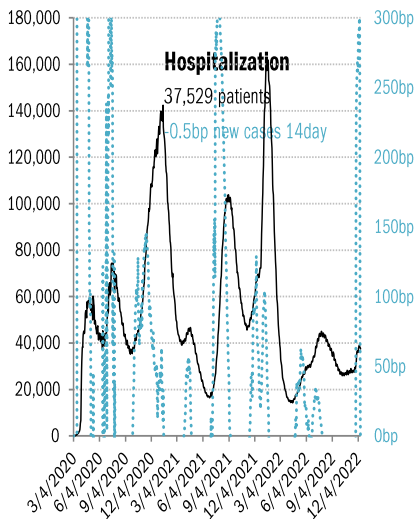
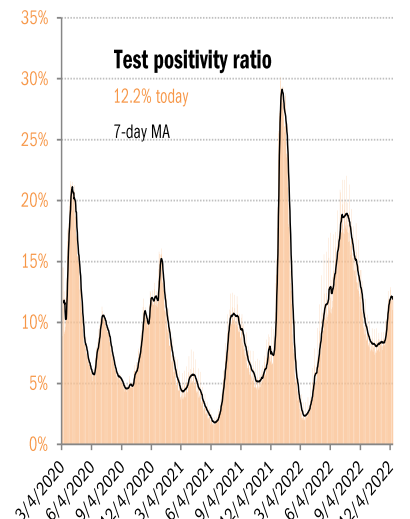
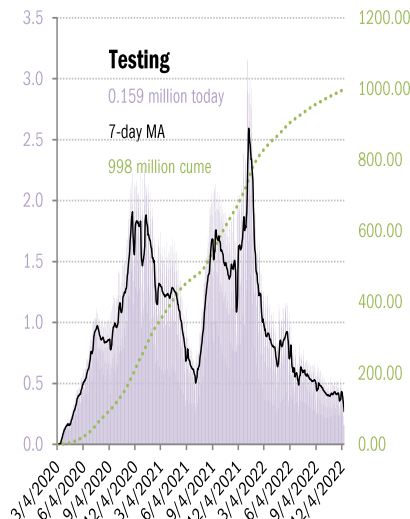
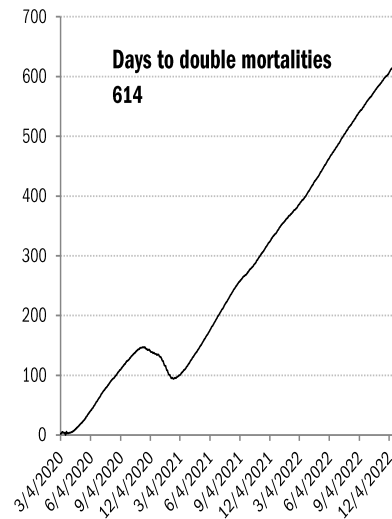
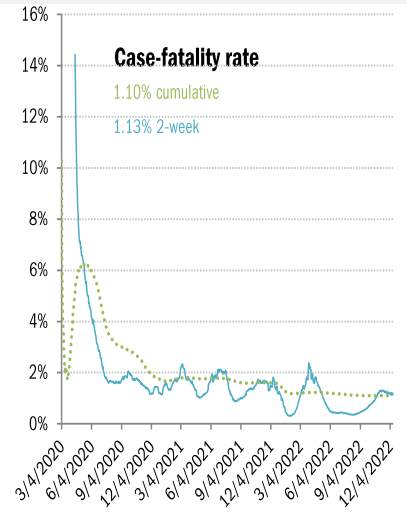
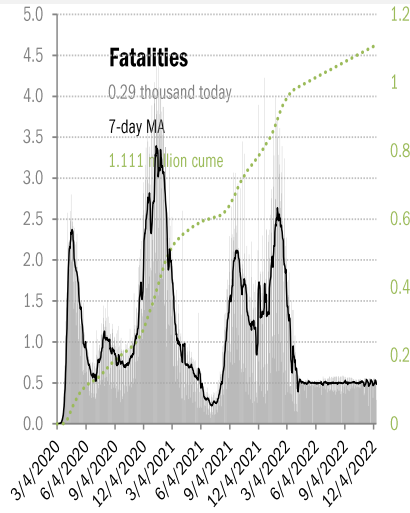
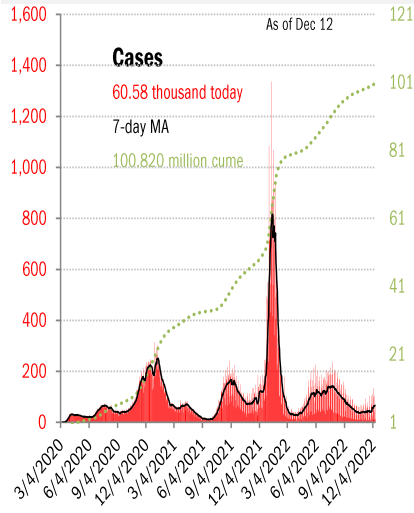
*Cumulative reported cases this year, log scale: flat line indicates "zero Covid"*



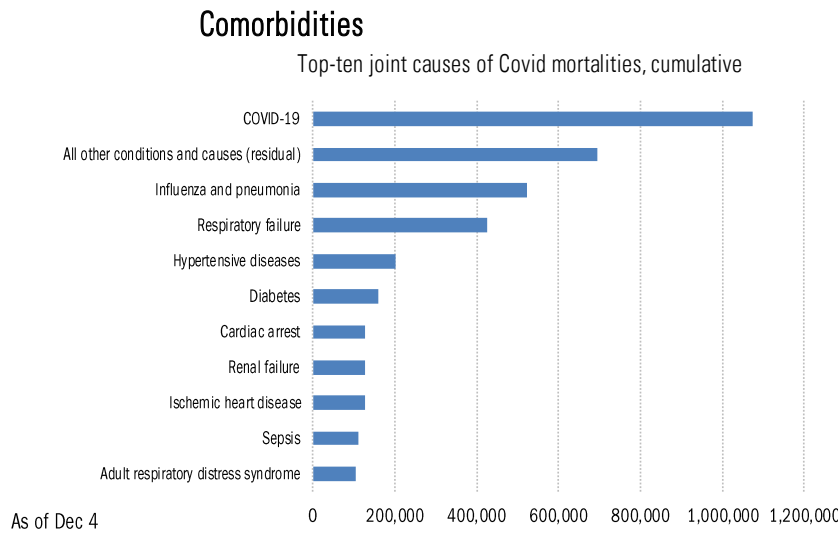
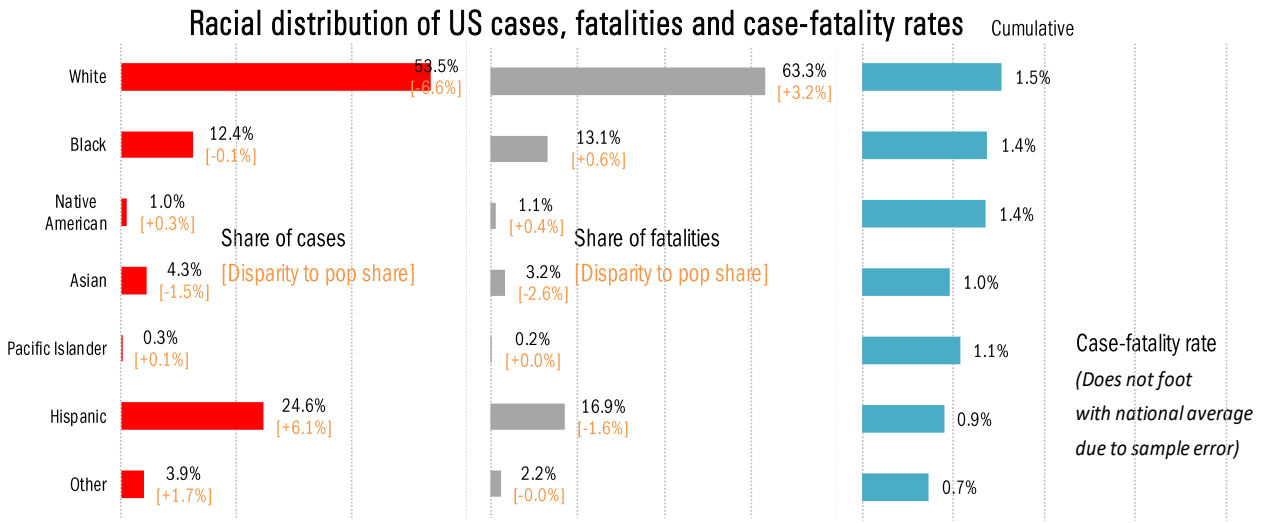
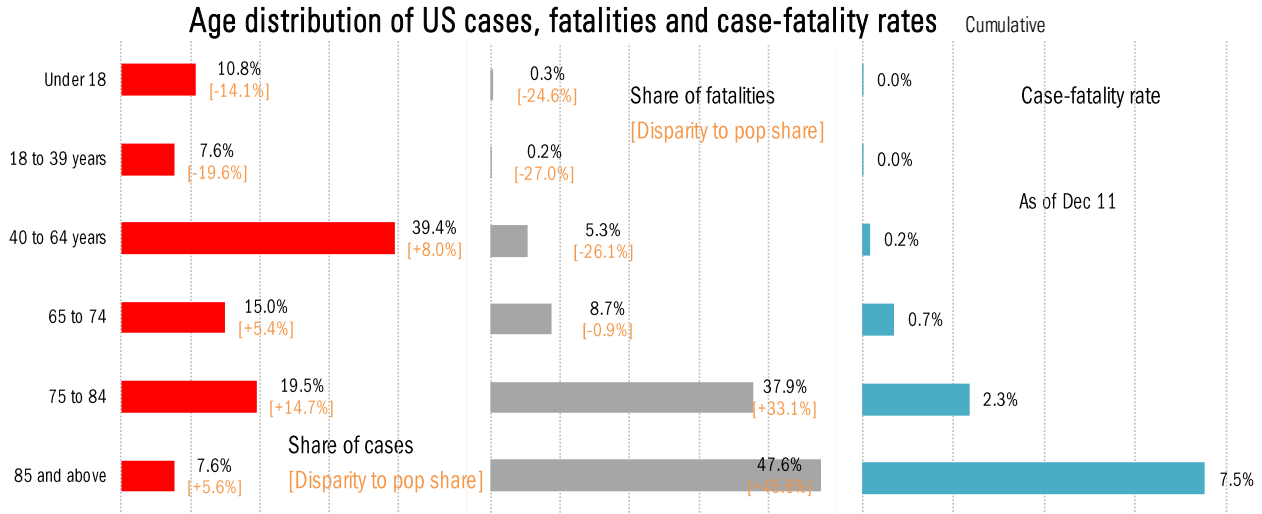
Source: [Johns Hopkins](#), TrendMacro calculations



# US deep-dive



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



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

### [The Exaggeration of Long Covid](#)

Marty Makary  
*Wall Street Journal*  
December 12, 2022

### [Report: Half of Largest School Districts Changed Leaders Since Pandemic](#)

Linda Jacobson  
*The 74*  
December 12, 2022

### [CDC head asks for COVID-19 funding, data as Hill interest fades](#)

Ariel Cohen and Lauren Clason  
*The Hill*  
December 12, 2022

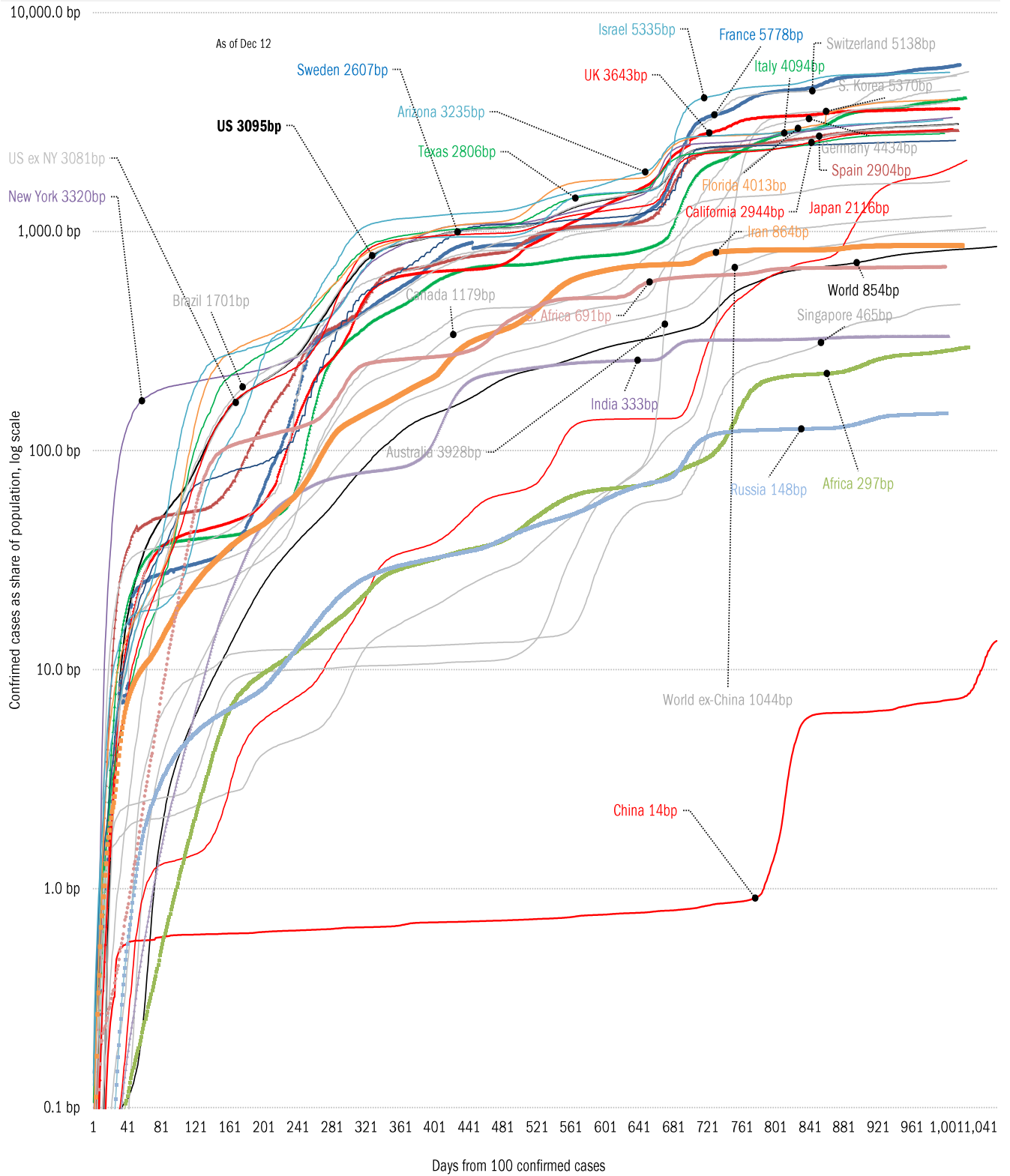
## Meme of the Day



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

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

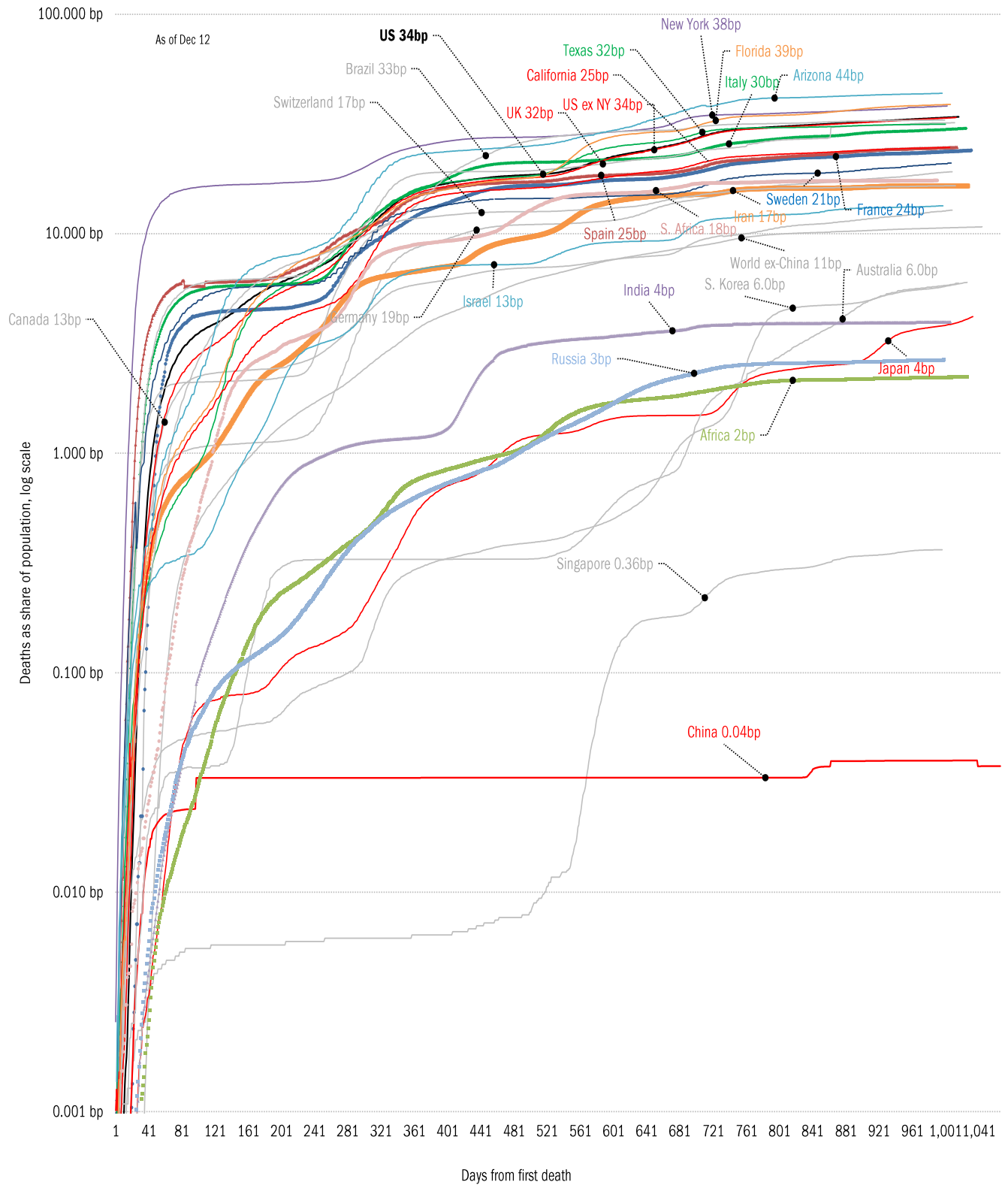
*Share of infected population from first day with 100 confirmed cases, log scale*



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



The global coronavirus mortality accelerometer ... tracking the world's fatality curves  
*Share of deceased population 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

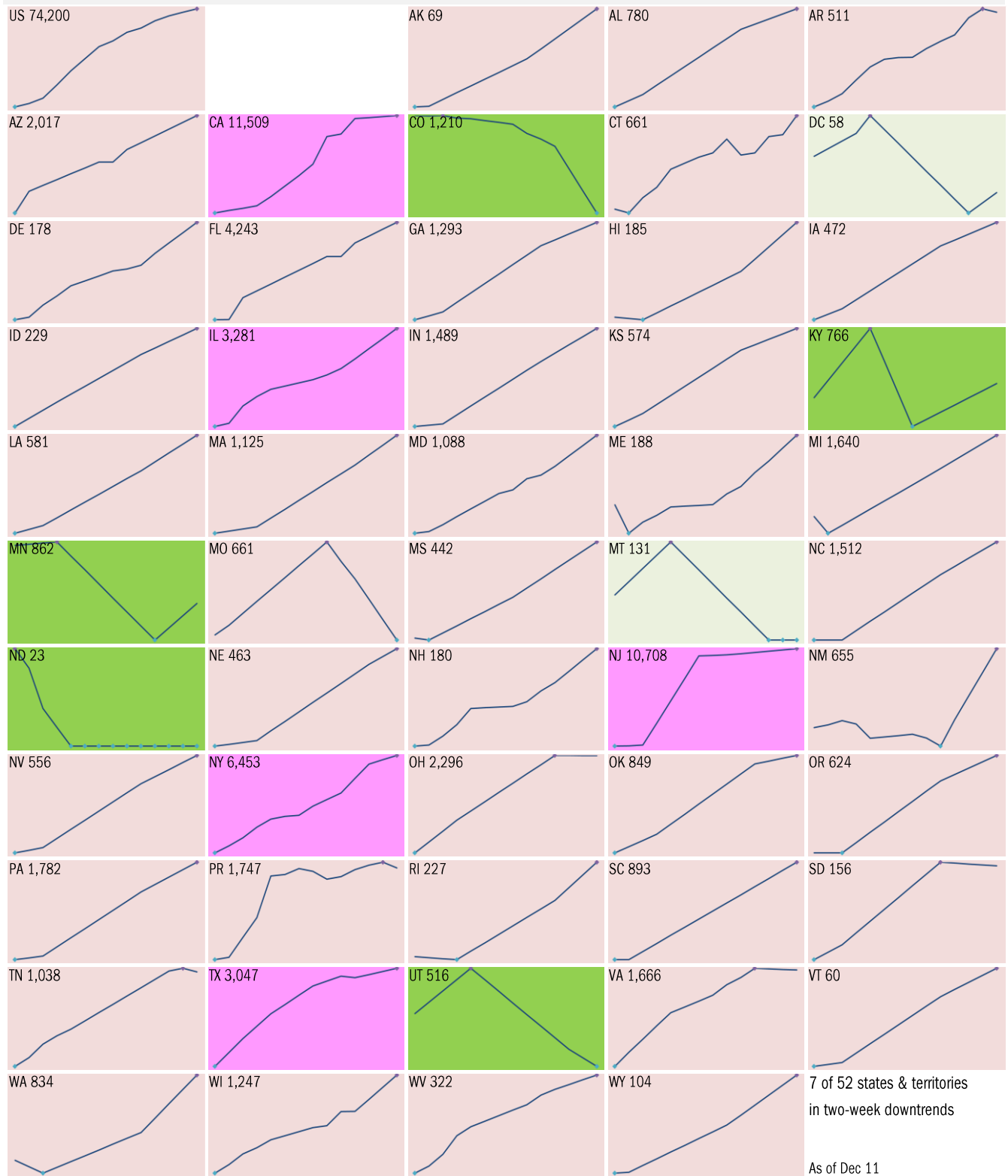


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

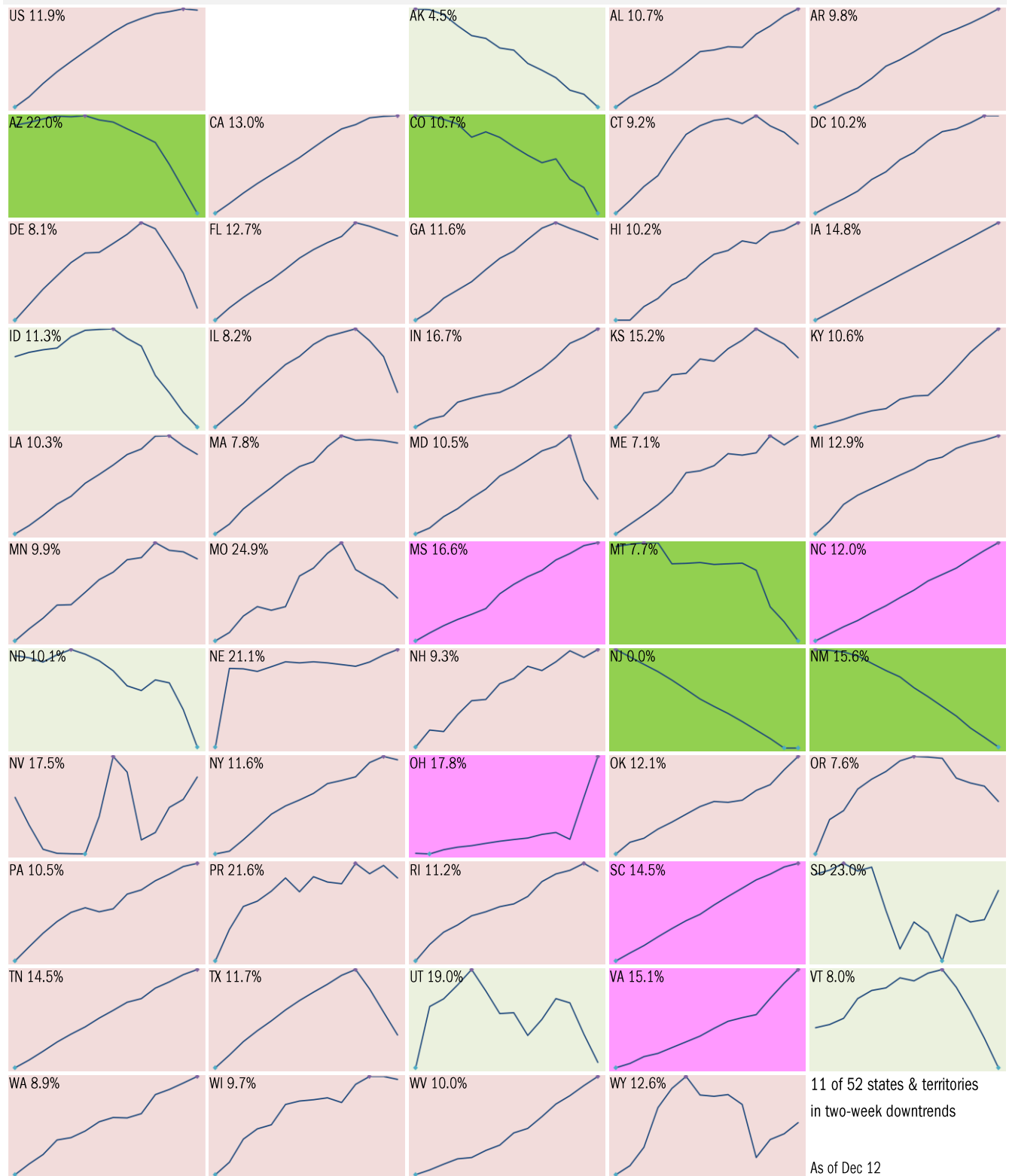


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

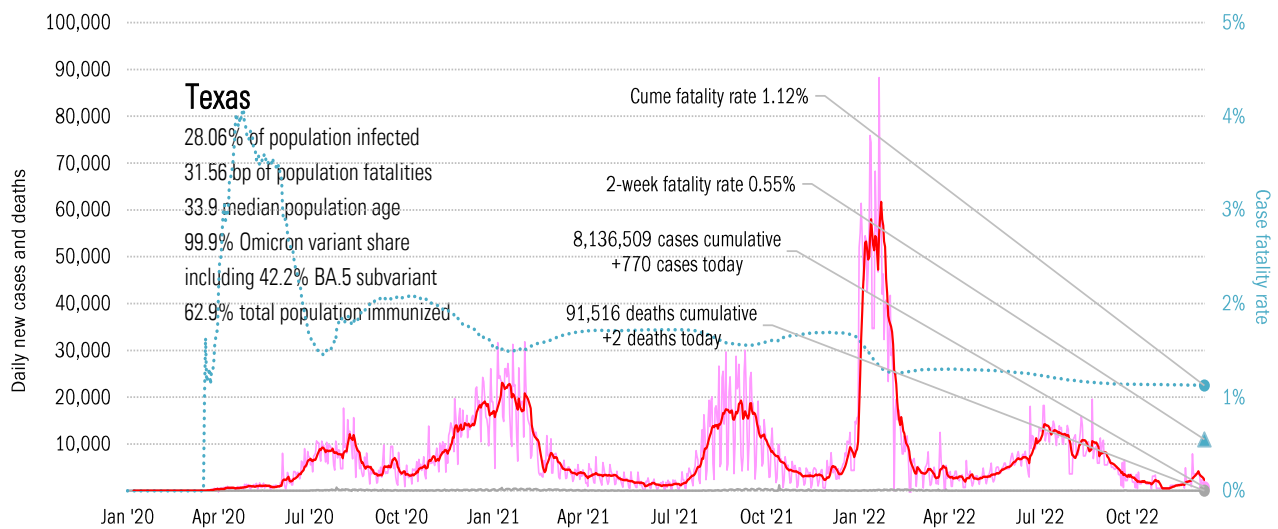
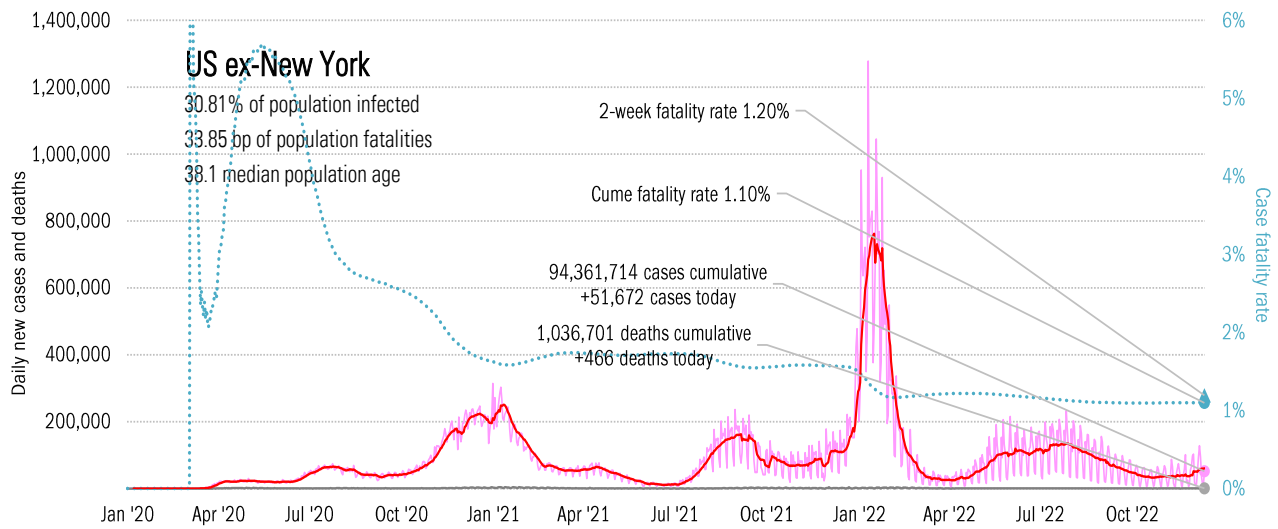
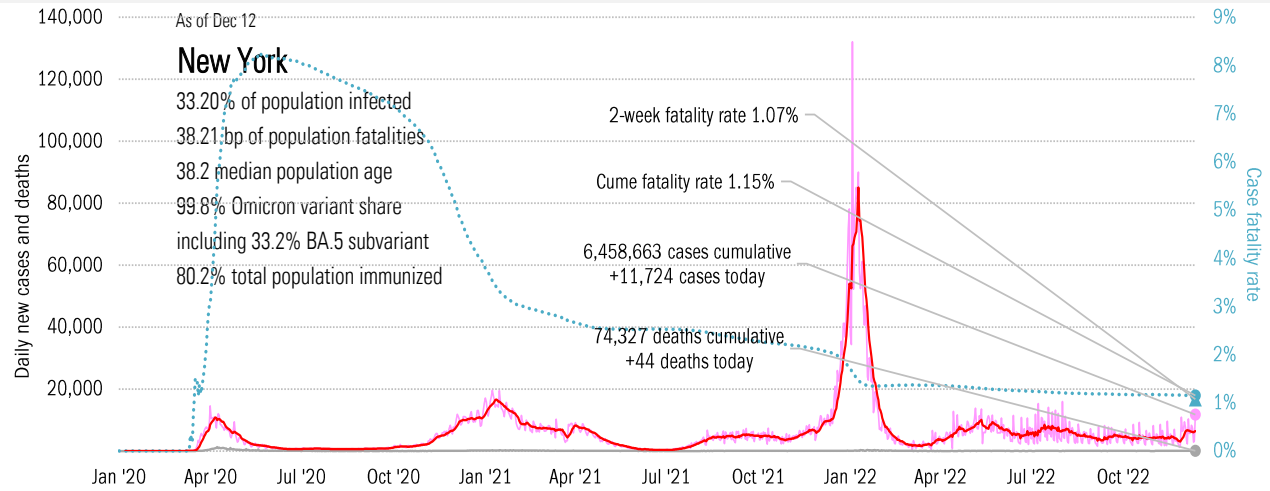
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

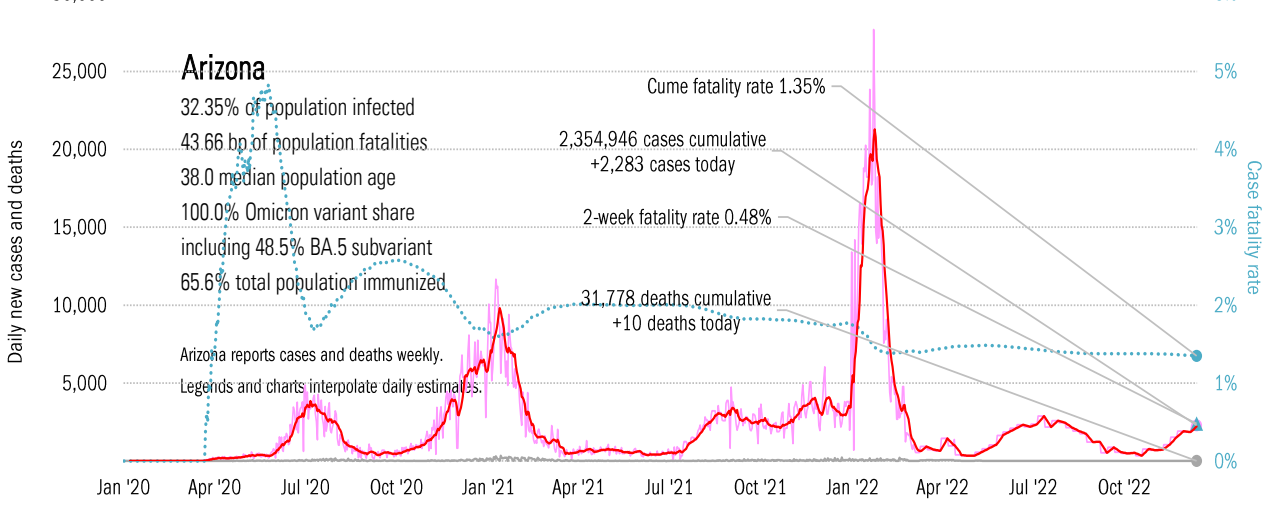
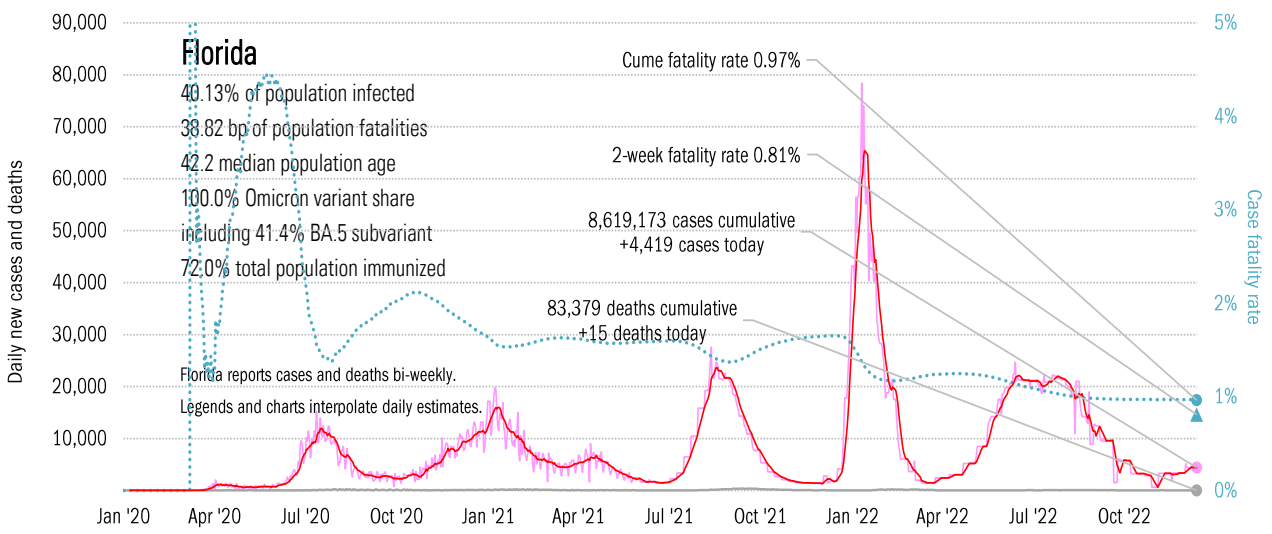
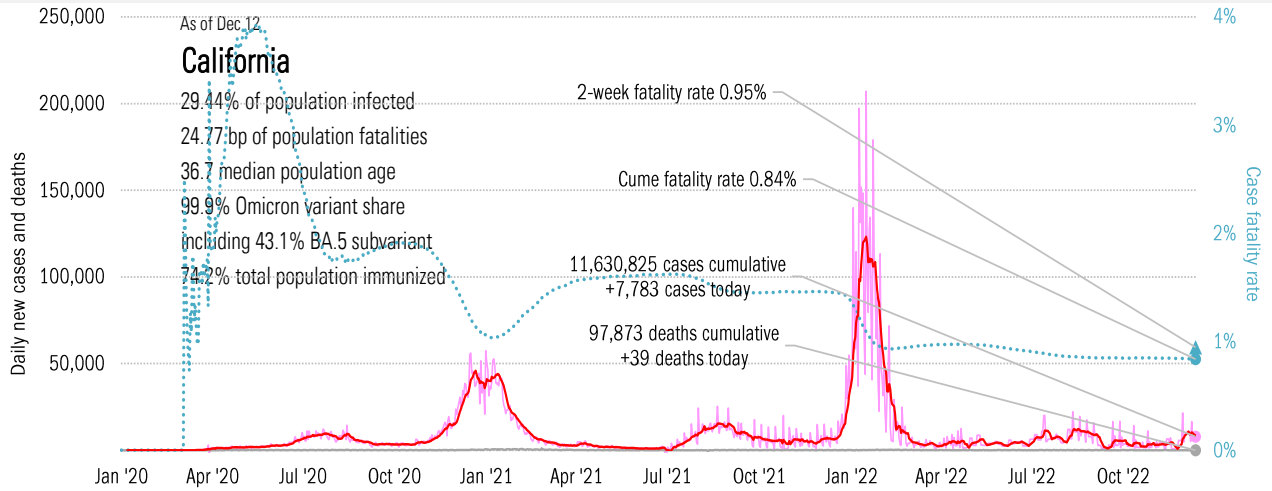
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

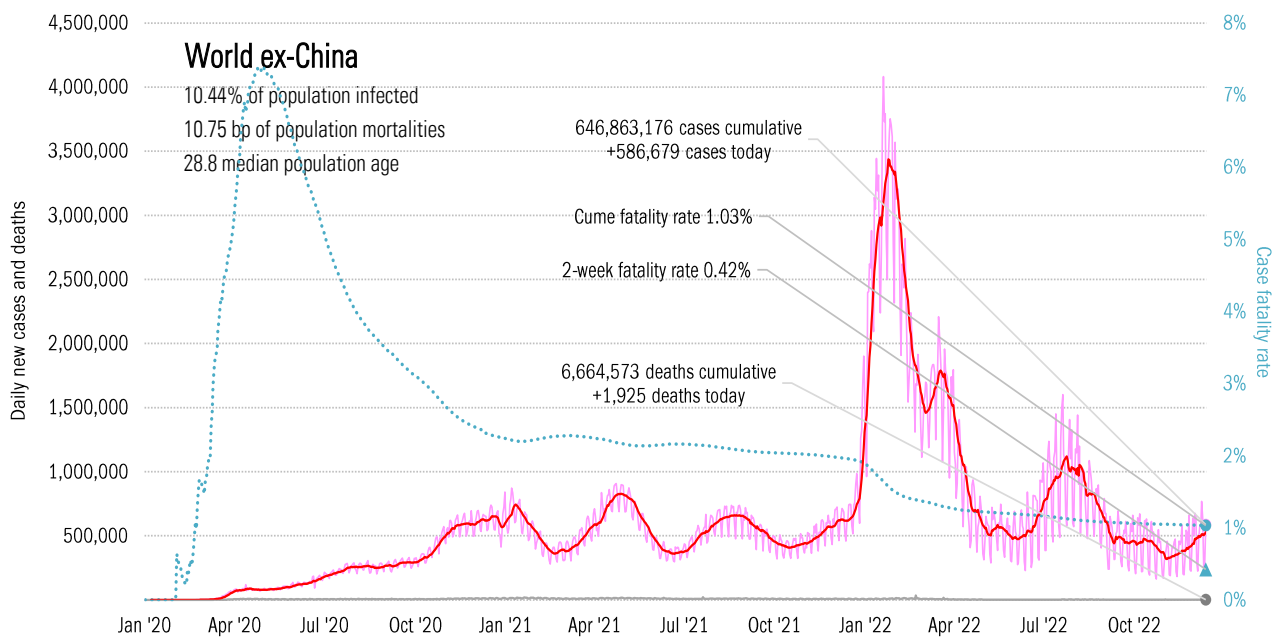
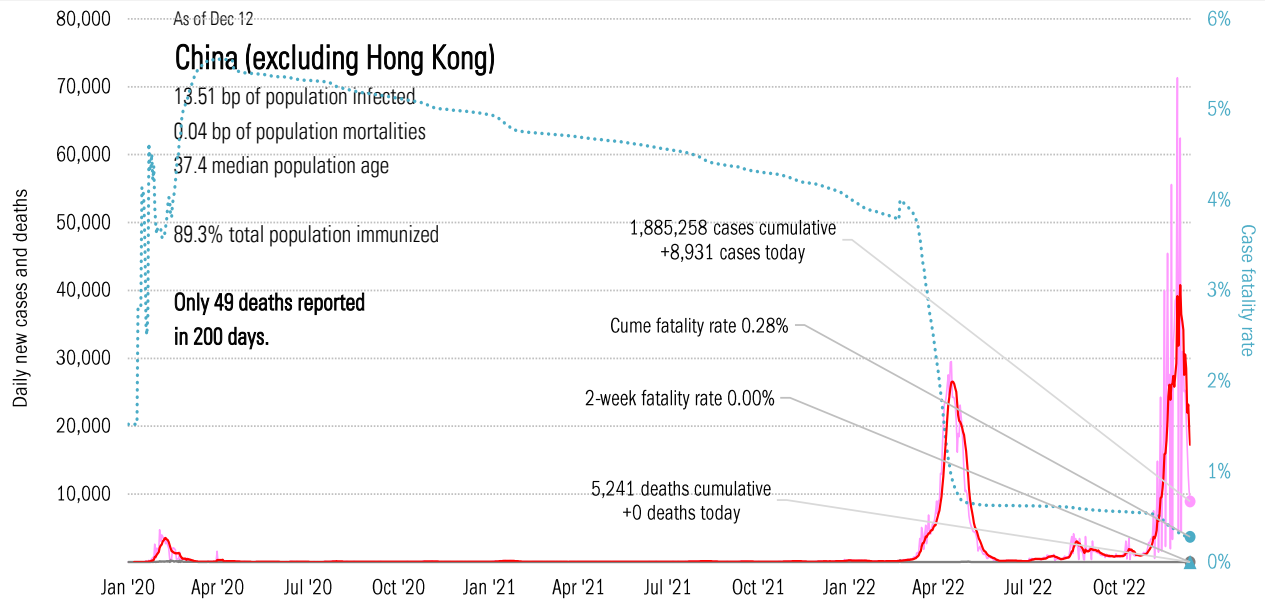
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

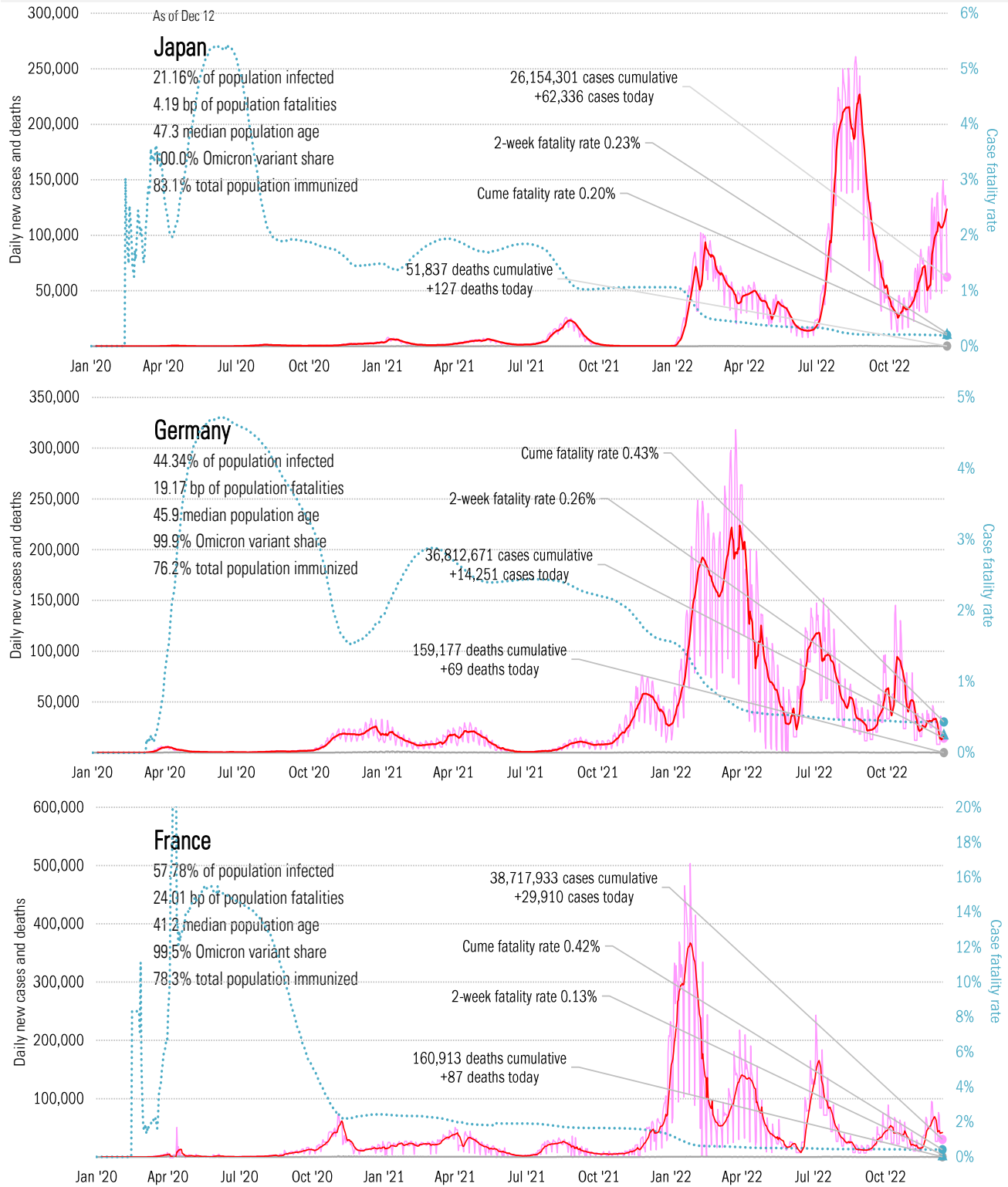
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

Cases: 7-day average and daily Deaths: Daily

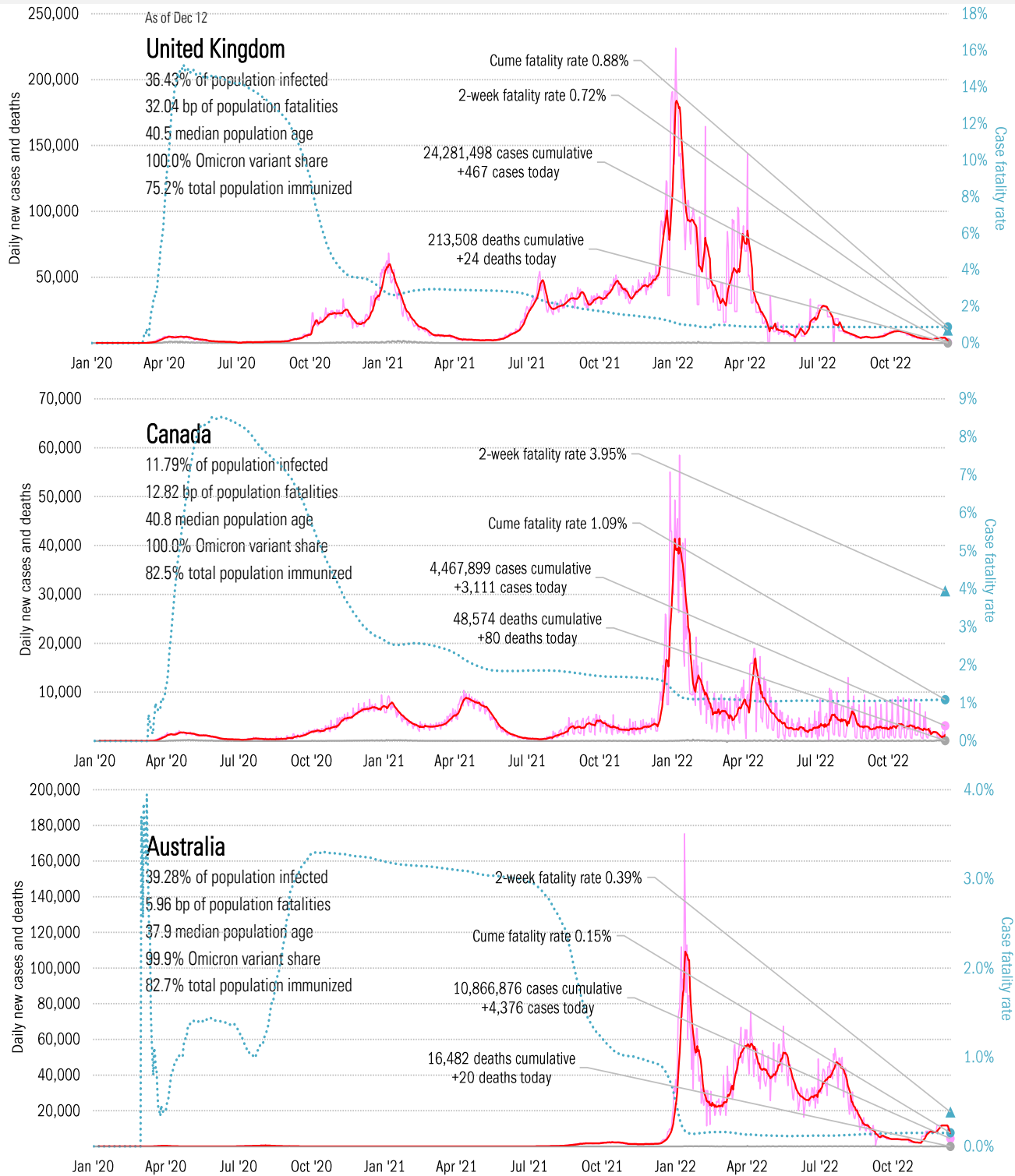


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in The Anglosphere

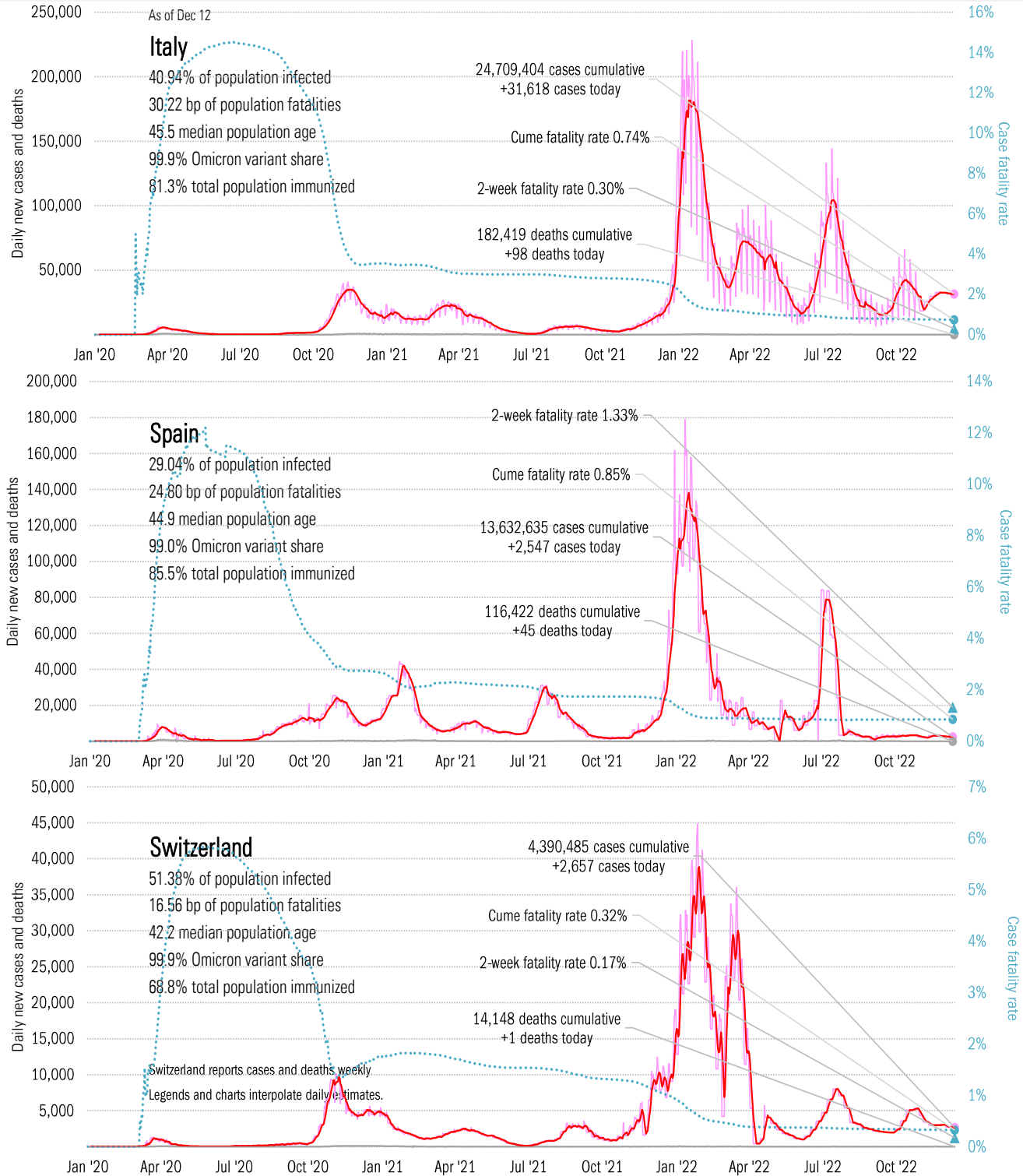
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

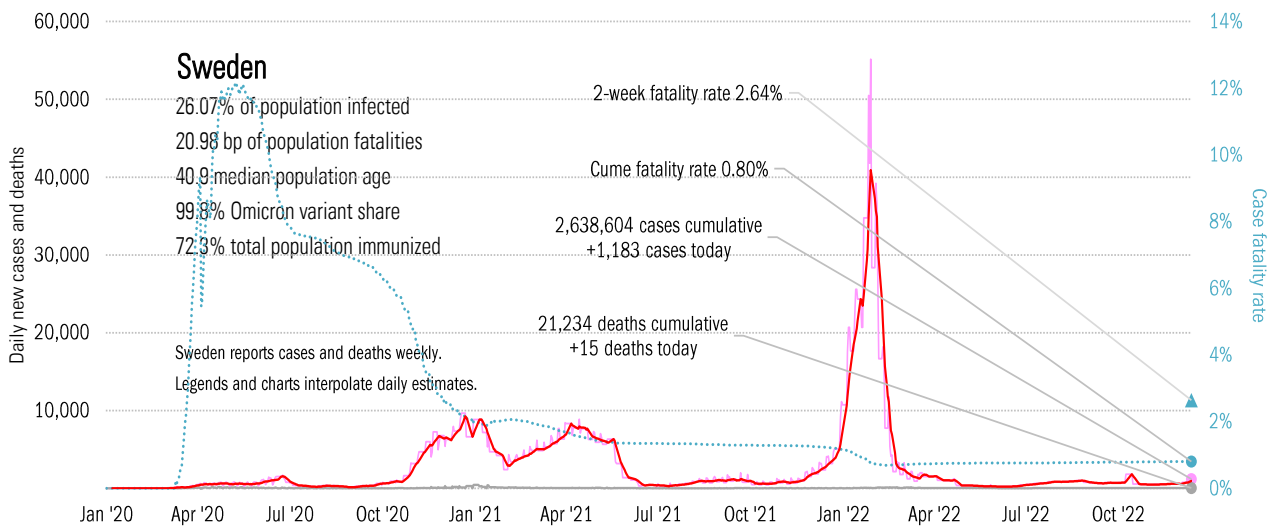
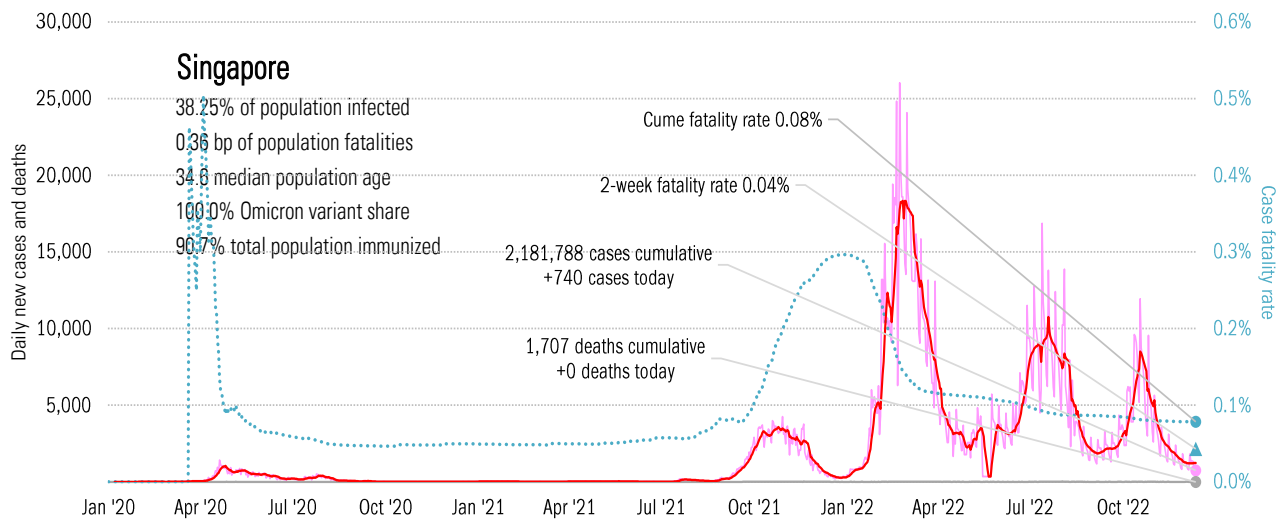
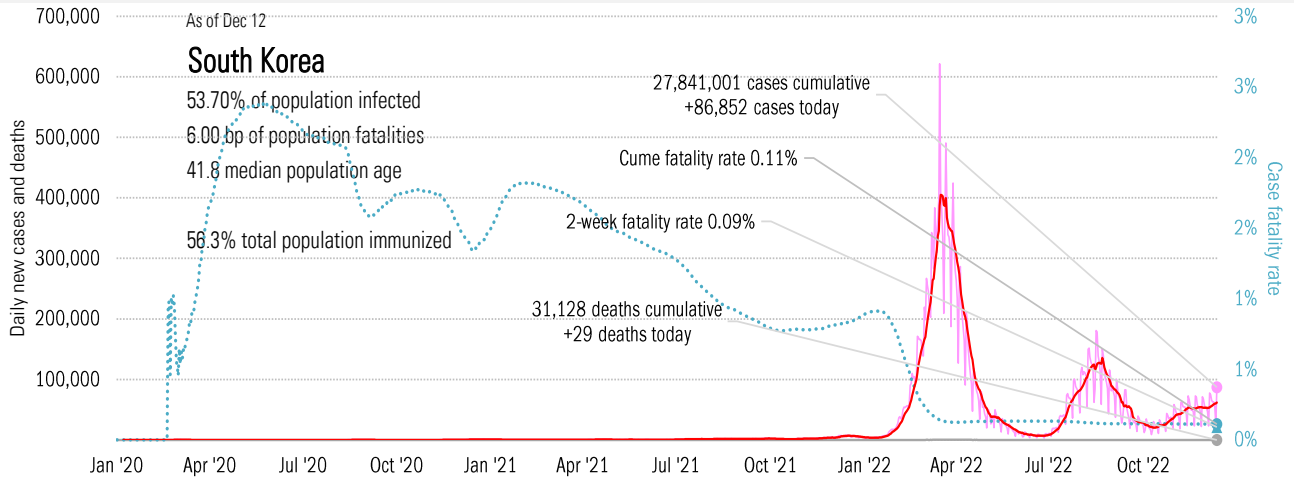
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

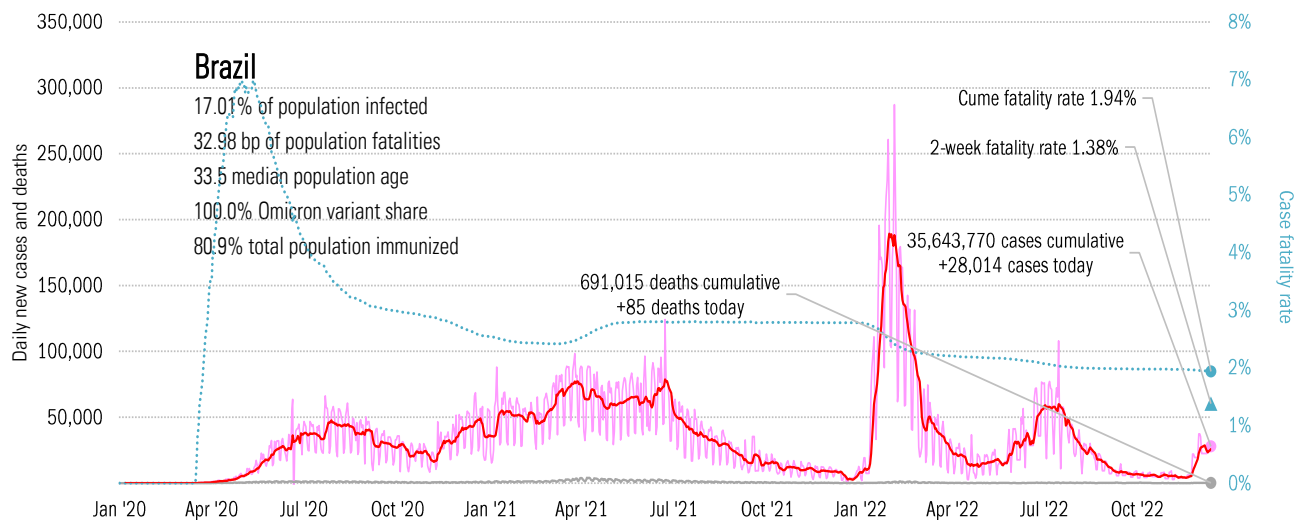
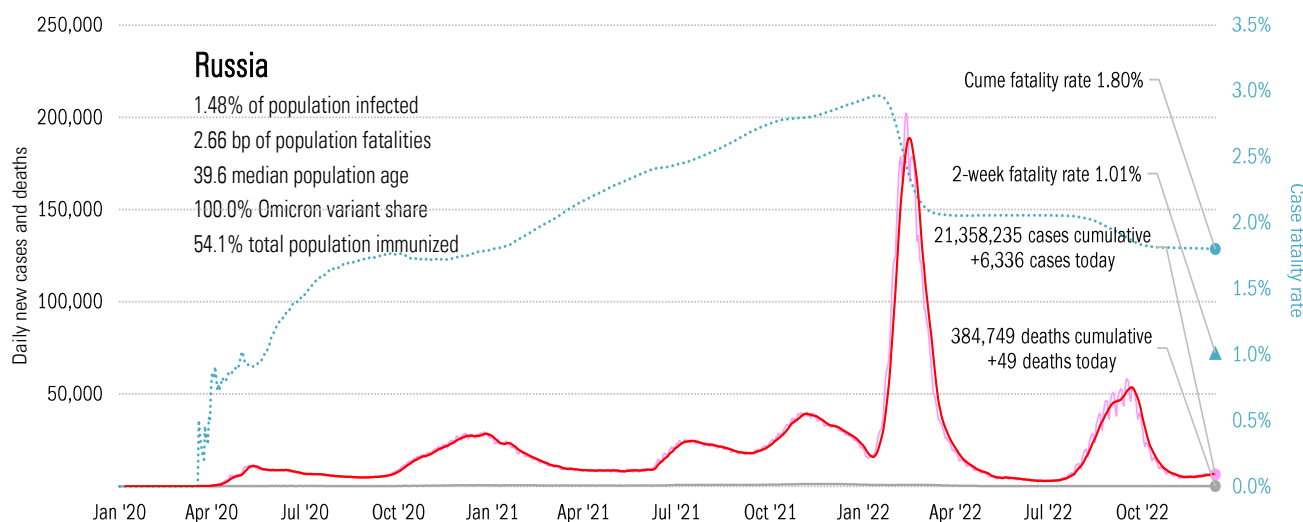
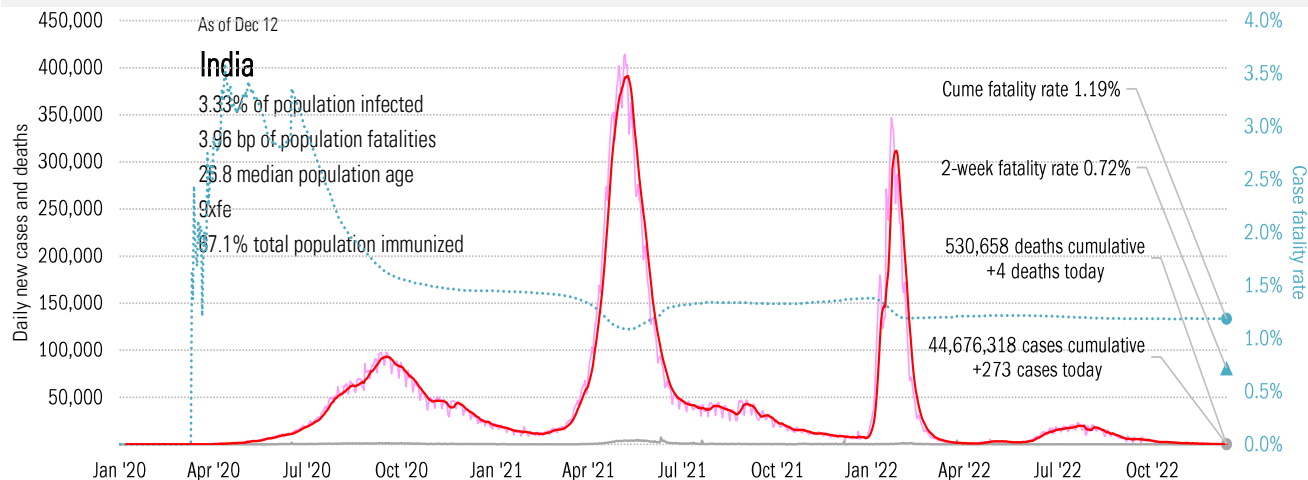
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

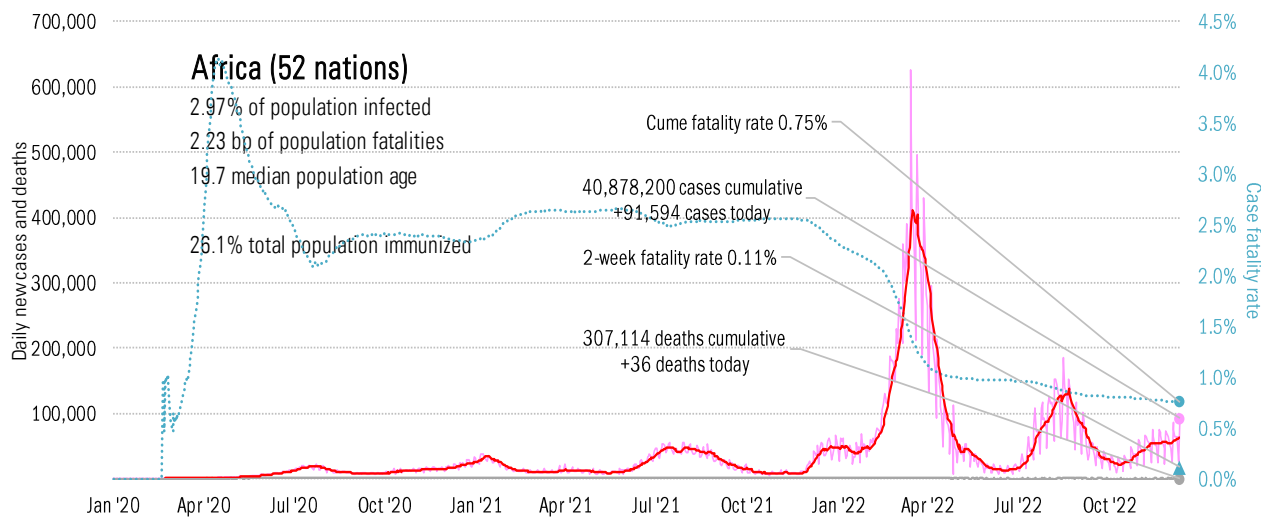
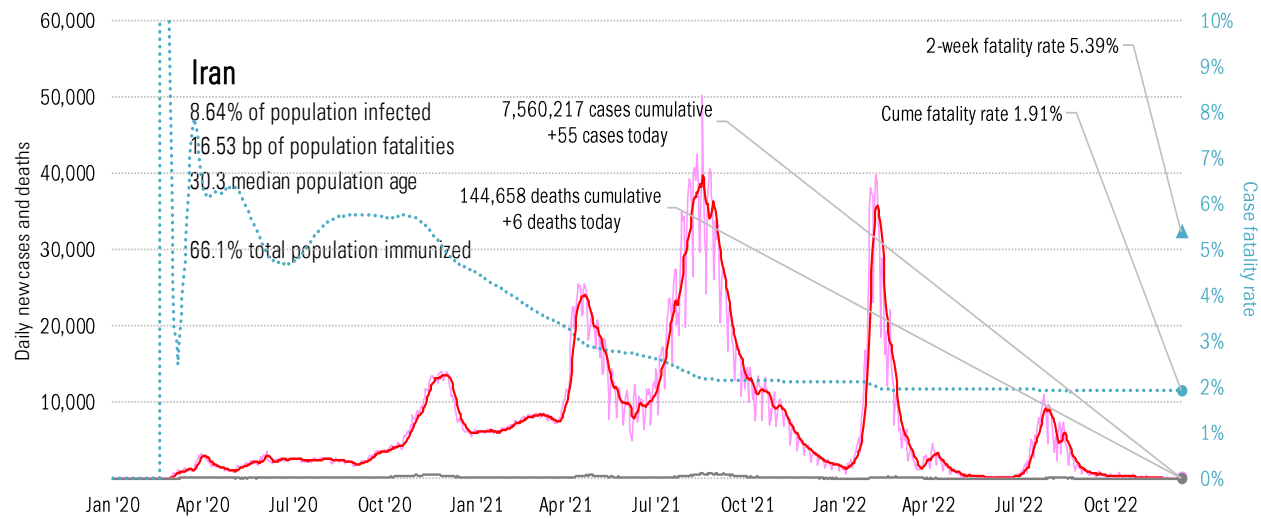
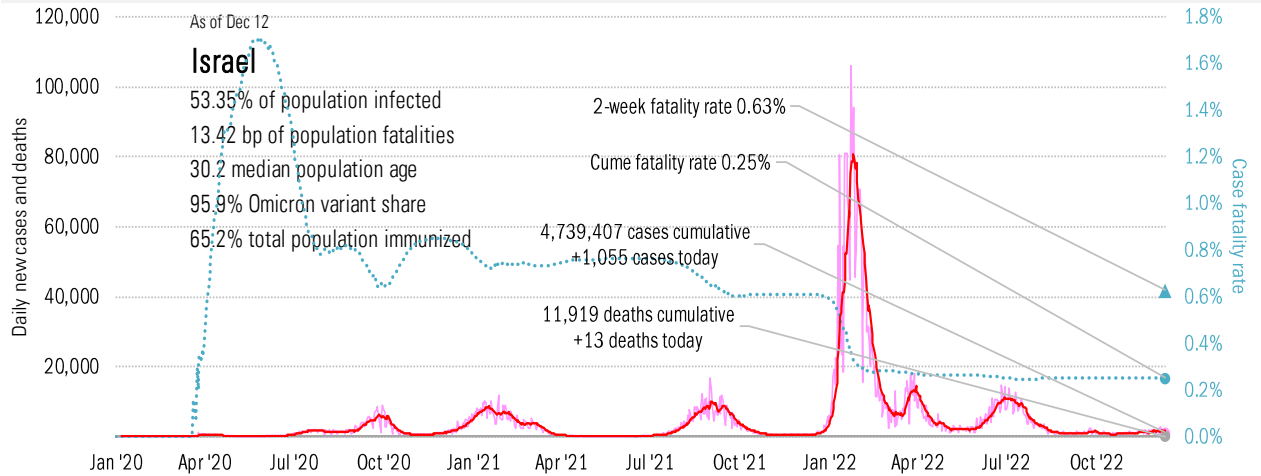
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

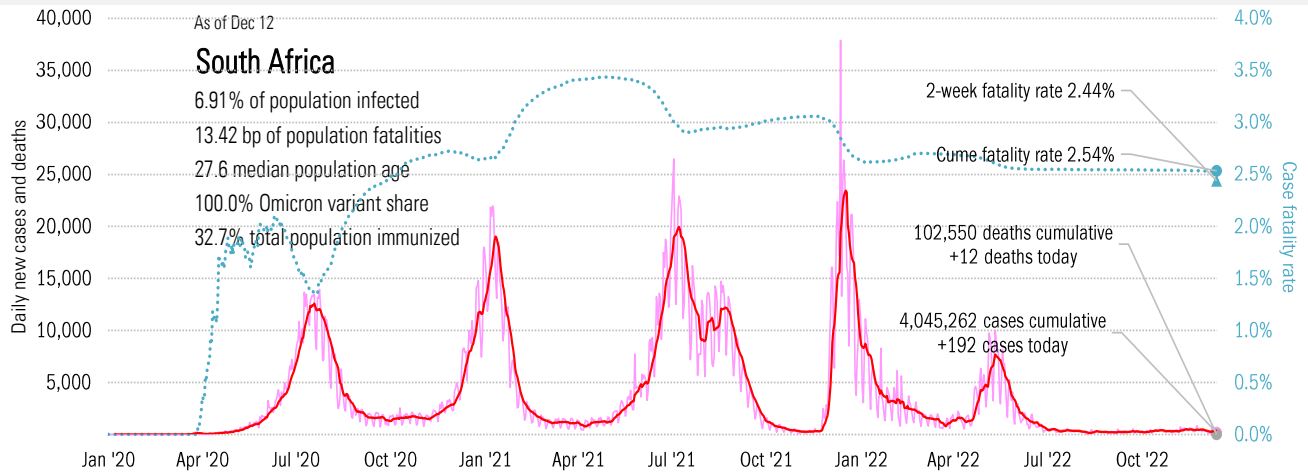
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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