

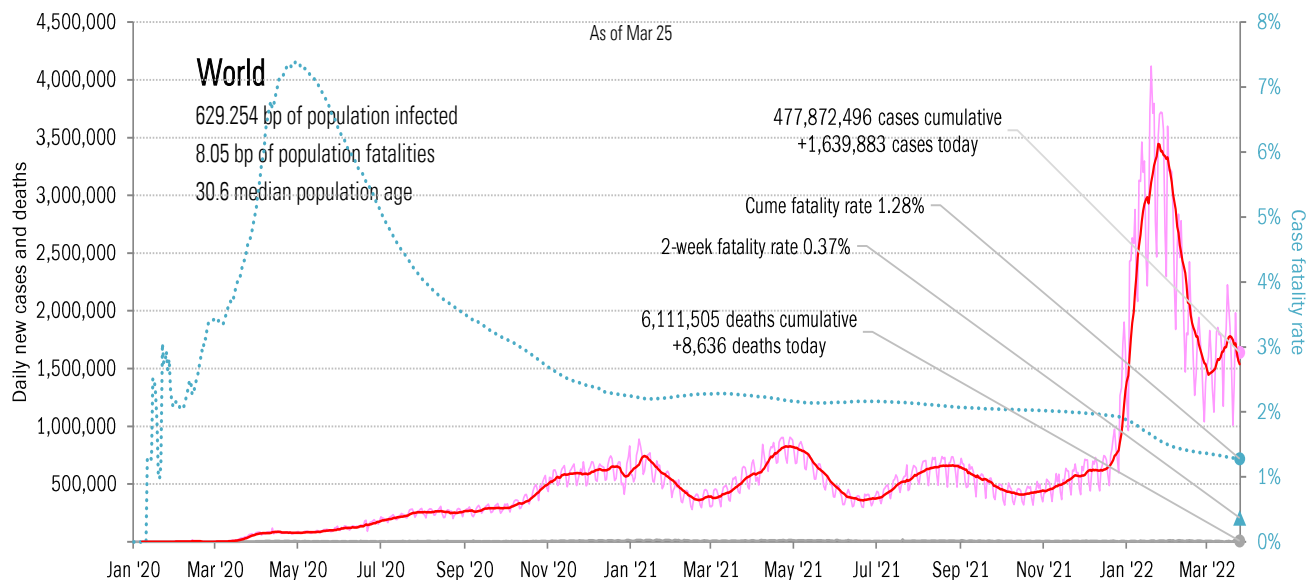
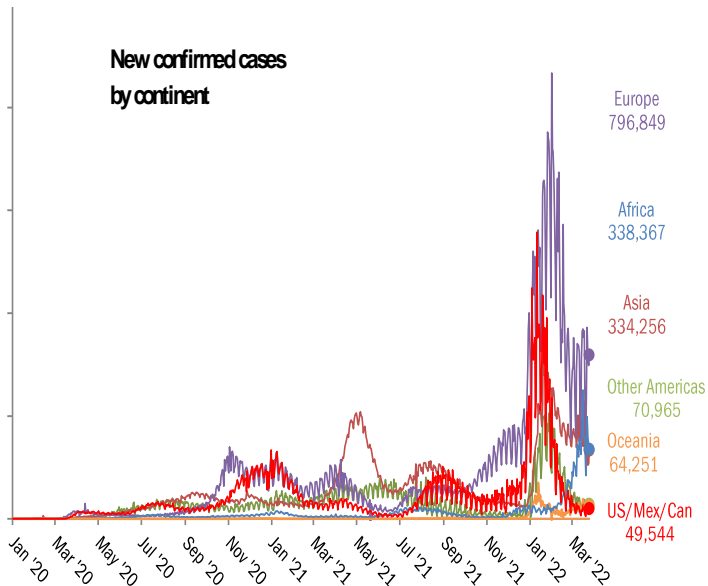
## Data Insights: Covid-2019 Monitor

Saturday, March 26, 2022

### The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
Korea, South	335,479	India	4,100
Vietnam	161,501	United States	623
France	143,619	Russia	388
Germany	122,082	Mexico	357
United Kingdom	78,226	Spain	339
Italy	76,397	Korea, South	323
Portugal	75,276	Brazil	255
Spain	72,892	United Kingdom	172
Thailand	52,284	Italy	146
Australia	47,988	Germany	140
<b>1,165,744</b>		<b>6,843</b>	
World	1,639,883	World	8,636
Top ten	71%	Top ten	79%



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

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# The US scorecard

Cases: 7-day average and daily Deaths: Daily

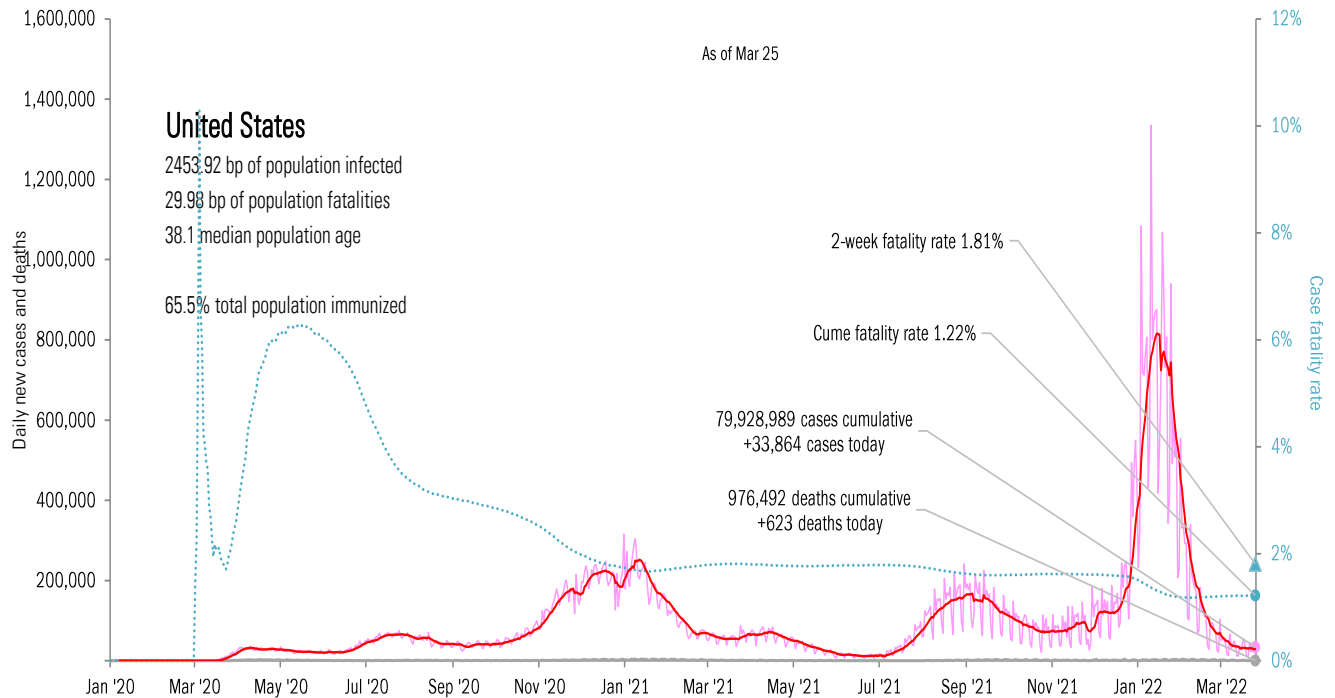
## The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use		
TX	4,301		CA	103		GA	96		CA	9,088,902		CA	88,579		TX	486,079		RI	88%		RI	85%
CA	3,638		GA	65		TX	206		TX	6,721,453		TX	86,948		CA	421,438		MA	85%		NM	84%
NY	3,542		FL	62		MA	37		FL	5,877,216		FL	73,014		FL	412,715		MN	84%		TX	84%
WA	2,448		WI	56		WV	30		NY	4,977,256		NY	67,907		NY	244,124		WV	83%		AK	83%
FL	2,382		WV	52		MS	8		IL	3,061,225		PA	44,180		GA	206,334		WA	83%		AL	83%
CO	2,295		NY	40		MI	64		PA	2,777,986		CH	37,793		CH	189,785		MO	82%		WA	81%
MI	1,891		WA	40		FR	9		CH	2,669,698		GA	36,771		PA	175,159		DC	82%		KY	81%
IL	1,310		MI	39		WA	31		NC	2,624,305		IL	35,740		IL	156,047		PA	82%		DC	80%
NC	1,224		AR	38		ID	7		GA	2,485,736		MI	35,572		MI	140,290		MD	82%		CK	80%
MA	1,194		AL	37		NV	23		MI	2,384,088		NJ	33,203		KY	132,363		NH	81%		WV	80%
24,235			532			511			42,667,865			539,707			2,564,334							
All states	33,864		623			1,666			All states	79,928,989		976,492			4,656,579			All states	70%		67%	
Top ten	72%		85%			31%			Top ten	53%		55%			55%			Median	76%		74%	

Some states not reporting

## Five most improved US states

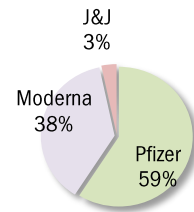
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
AZ	-4,566	TX	-228	NY	-46	TN	+10 bp
FL	-4,170	CK	-210	CH	-25	AK	+0 bp
CH	-3,668	CH	-185	KY	-16	AL	+0 bp
NY	-3,054	CA	-22	VA	-16	AR	+0 bp
TX	-1,948	OR	-20	MD	-12	AS	+0 bp



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	574,468,805		+0.099 million	US	65.5%	76.9%
Boosters	98,361,150		+0.048 million	UK	72.4%	77.4%
	One dose	% Pop	Immune	% pop	New immune today	
Total population	262,800,389	79%	223,549,509	67%	+0.023 million	France 77.8% 80.1%
Age 12 to 17	17,507,359	69%	14,935,489	59%	+0.002 million	Spain 85.8% 88.0%
Age 18 to 64	177,061,614	87%	150,196,700	74%	+0.012 million	Germany 75.2% 75.9%
Age 65 and over	58,265,856	100%	50,469,054	92%	+0.001 million	Italy 79.2% 84.0%
						Australia 81.7% 86.0%
						Israel 66.0% 72.1%
						Canada 81.8% 85.8%
						Japan 79.8% 81.1%
						Africa 14.9% 20.2%
						India 59.2% 70.4%
						Brazil 74.6% 84.5%
						China 85.9% 88.3%



AK	69.1%
	61.6%

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

Best
Middle
Worst

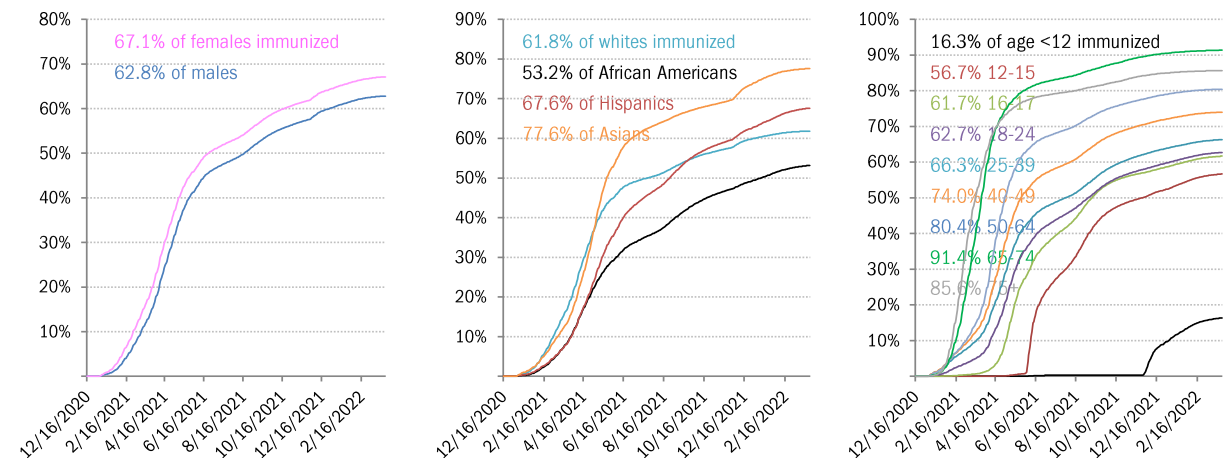
\*Immunity\* = two doses

As of Mar 25

Global data differs due to sources, timing

					WI					ME
					71.4%					89.4%
					65.0%					78.7%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
80.2%	60.7%	64.8%	64.6%	74.6%	76.3%	66.5%		89.5%	92.7%	87.9%
72.0%	53.5%	56.3%	54.6%	68.7%	68.1%	59.7%		76.1%	80.5%	68.1%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
77.4%	74.5%	58.3%	75.5%	67.6%	61.0%	63.2%	83.9%	89.6%	95.0%	
69.1%	60.2%	51.0%	60.4%	61.5%	54.4%	58.0%	67.5%	74.8%	78.1%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.4%	71.6%	78.8%	69.7%	65.7%	65.7%	64.5%	84.9%	85.5%	94.5%	95.0%
71.0%	63.7%	69.7%	62.9%	55.5%	56.9%	57.1%	72.5%	74.6%	78.3%	81.4%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	72.2%	86.6%	73.9%	66.1%	61.7%	83.0%	67.0%	95.0%	82.3%	
	60.8%	70.2%	60.7%	53.9%	54.0%	59.8%	56.4%	72.7%	68.2%	
			OK	LA	MS	AL	GA			
			70.4%	60.6%	59.2%	62.2%	64.8%			
			56.5%	53.1%	51.4%	50.6%	54.1%			
			TX					FL		PR
			71.9%					78.5%		95.0%
			60.7%					66.4%		82.0%
HI										
86.9%										
77.7%										

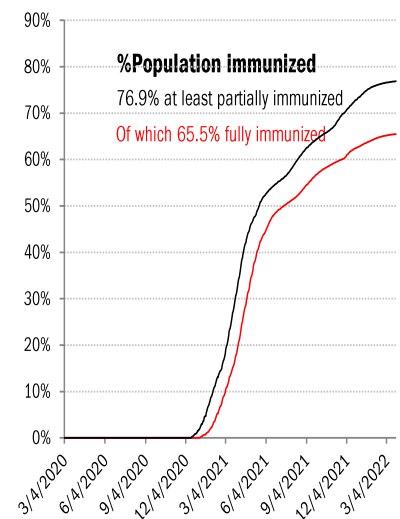
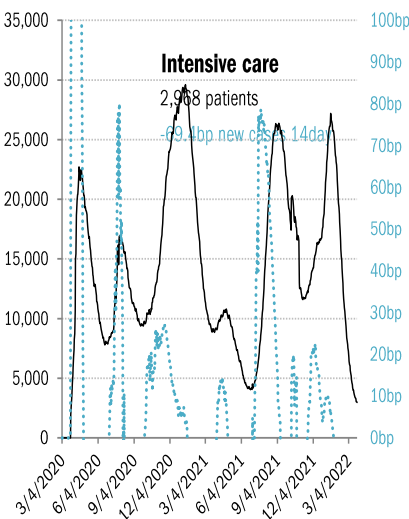
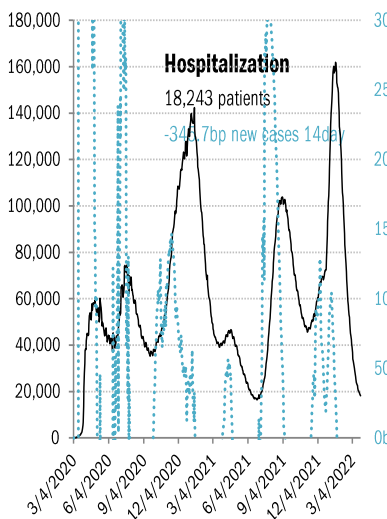
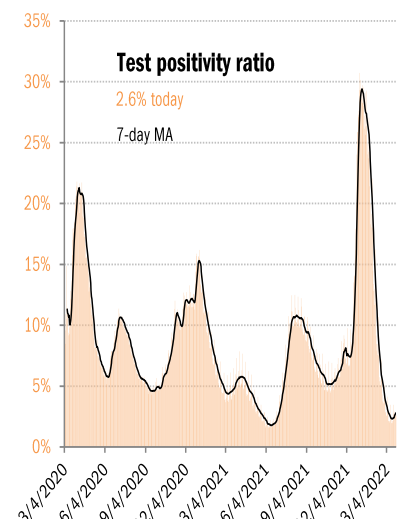
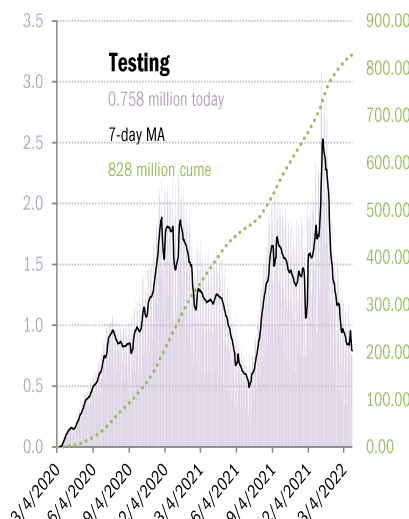
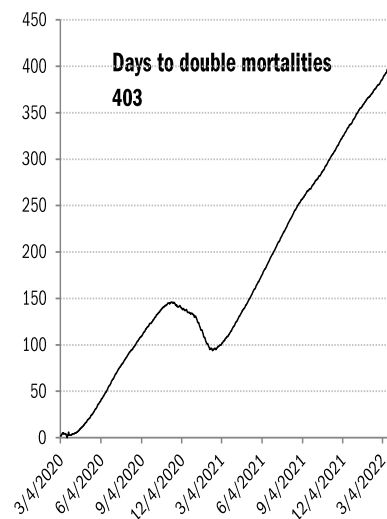
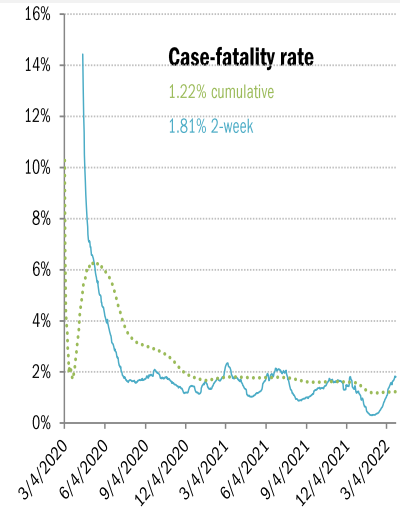
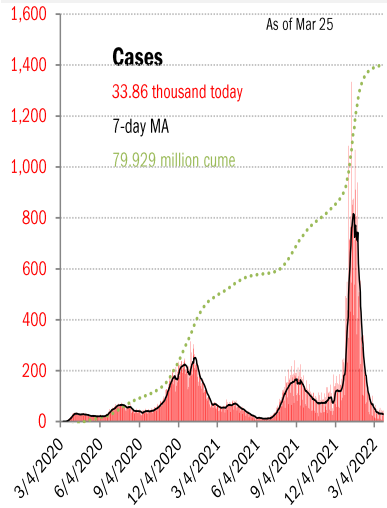
## The demographics of US vaccination



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

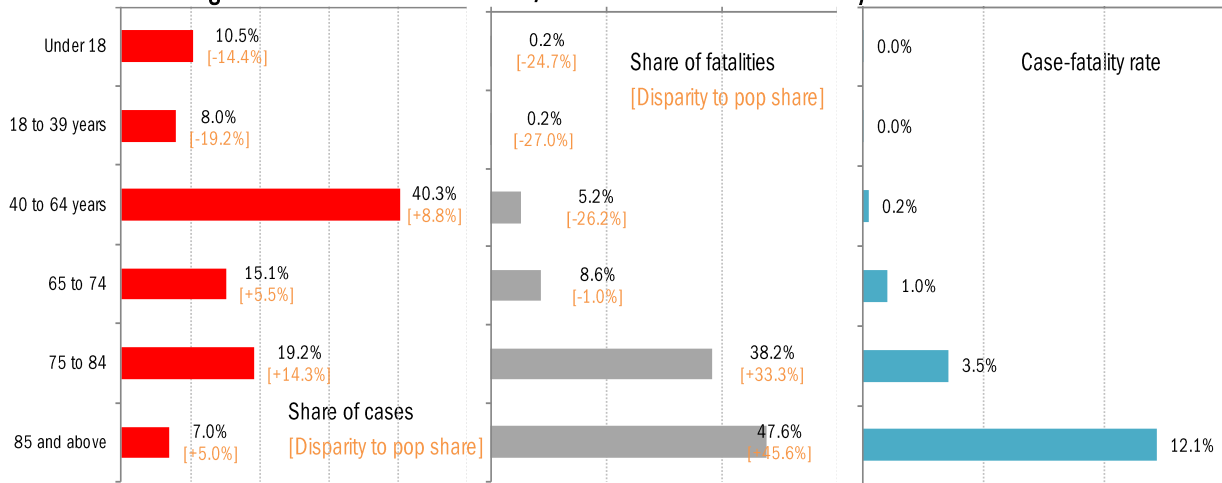
# US deep-dive

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

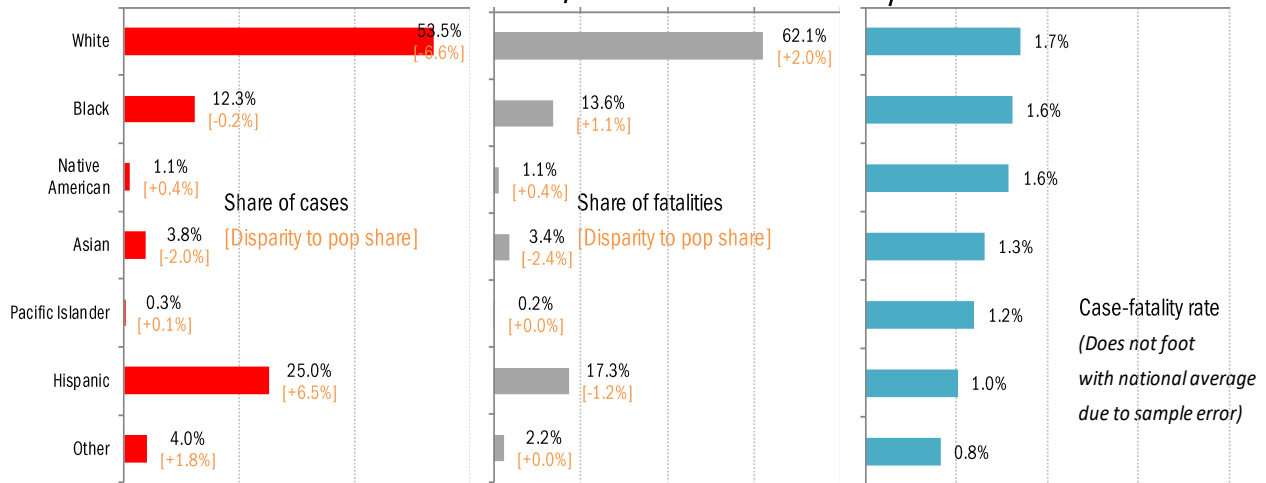


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

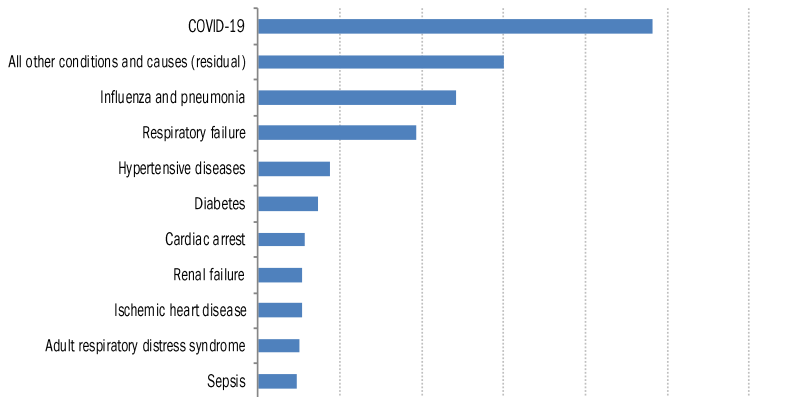


**Racial distribution of US cases, fatalities and case-fatality rates**



**Comorbidities**

Top-ten joint causes of Covid mortalities, cumulative



As of Mar 13

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

[Biden Administration Plans to Offer Second Booster Shots to Those 50 and Up](#)

Sharon LaFraniere  
*New York Times*  
March 25, 2022

[Russia accuses Hunter Biden of financing biolabs in Ukraine](#)

Brendan Byrne  
*Insider Paper*  
March 24, 2022

[Biden Seeks \\$22.5 Billion for 'Boosters for All,' as Some Lawmakers Push Back](#)

David Charbonneau  
*The Defender*  
March 24, 2022

[Hunter Biden Bio Firm Partnered With Ukrainian Researchers 'Isolating Deadly Pathogens' Using Funds From Obama's Defense Department.](#)

Natalie Winters Raheem J. Kassam  
*National Pulse*  
March 24, 2022

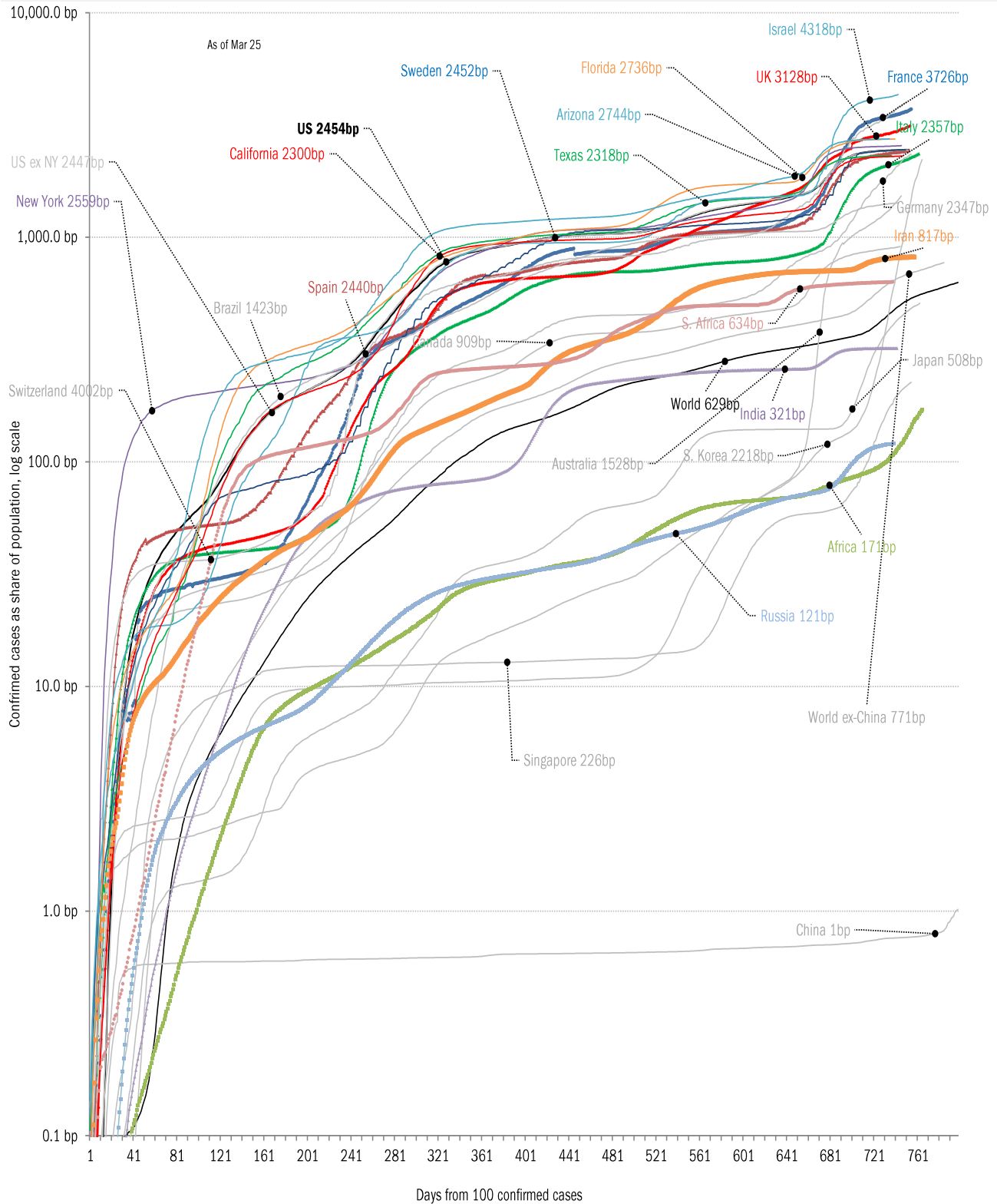
## Meme of the day



**CDC Says Men Can Now Safely Use The Urinal Right Next To Another Guy's Urinal**

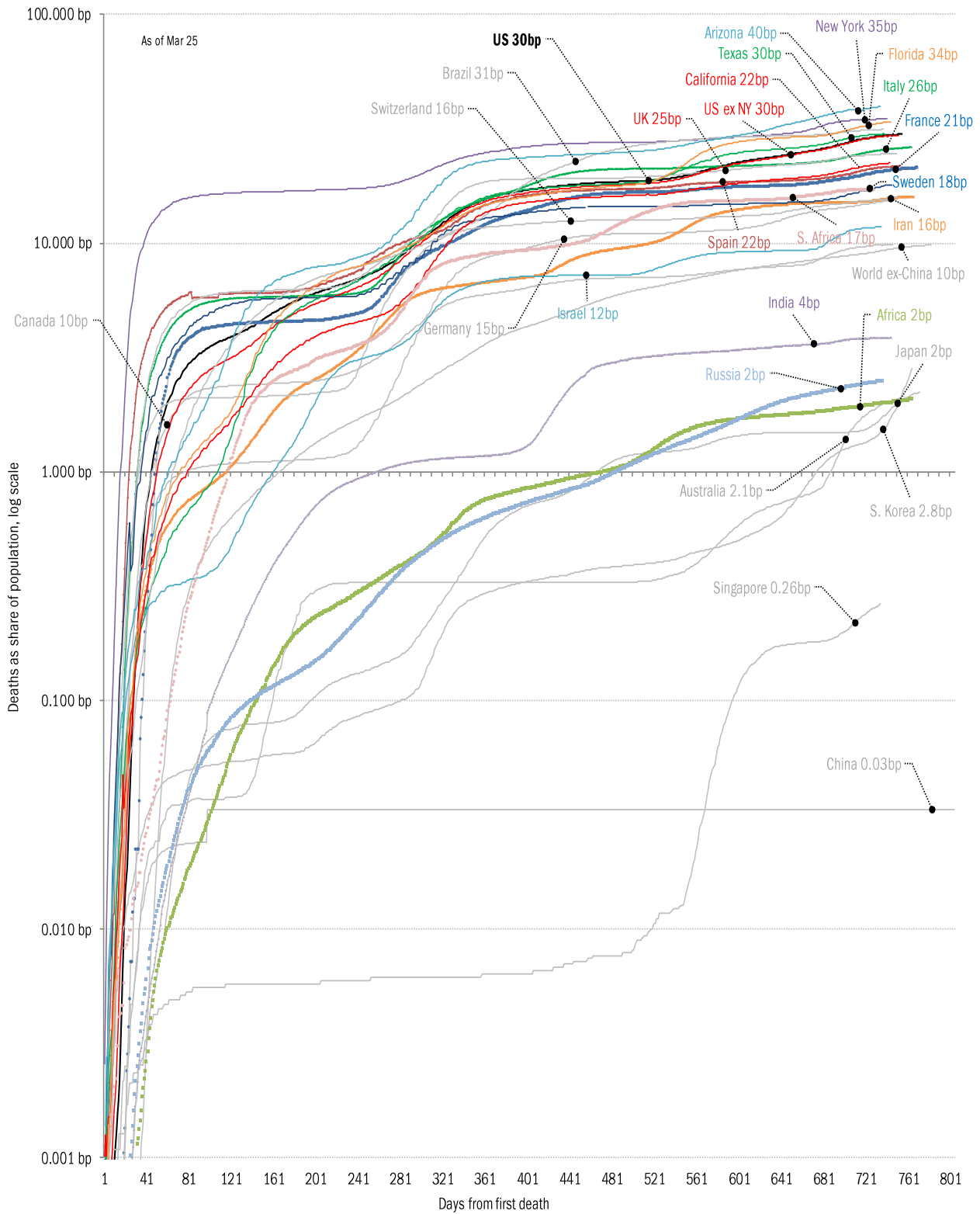
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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*



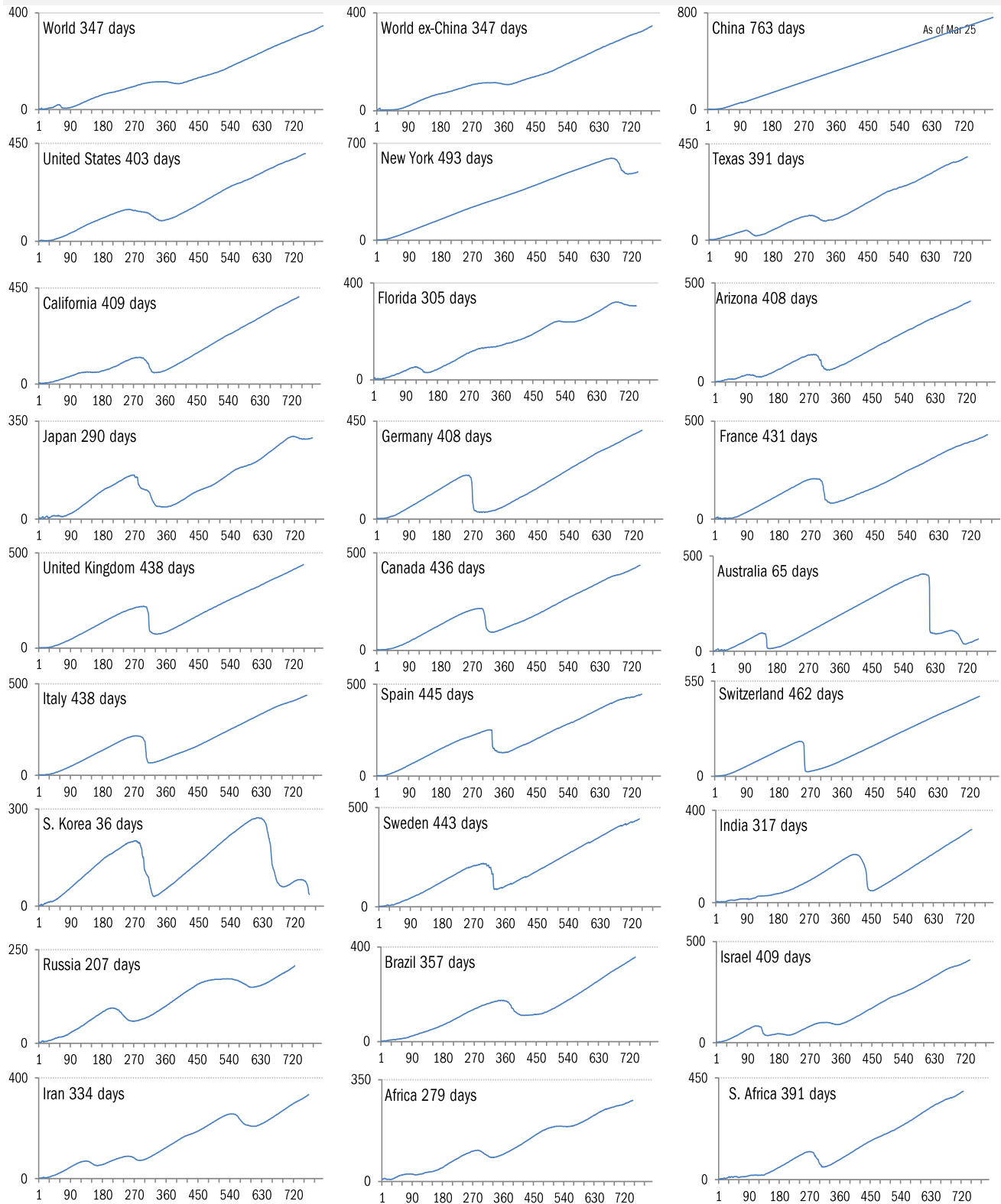
Source: [Johns Hopkins](#), TrendMacro calculations



# "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

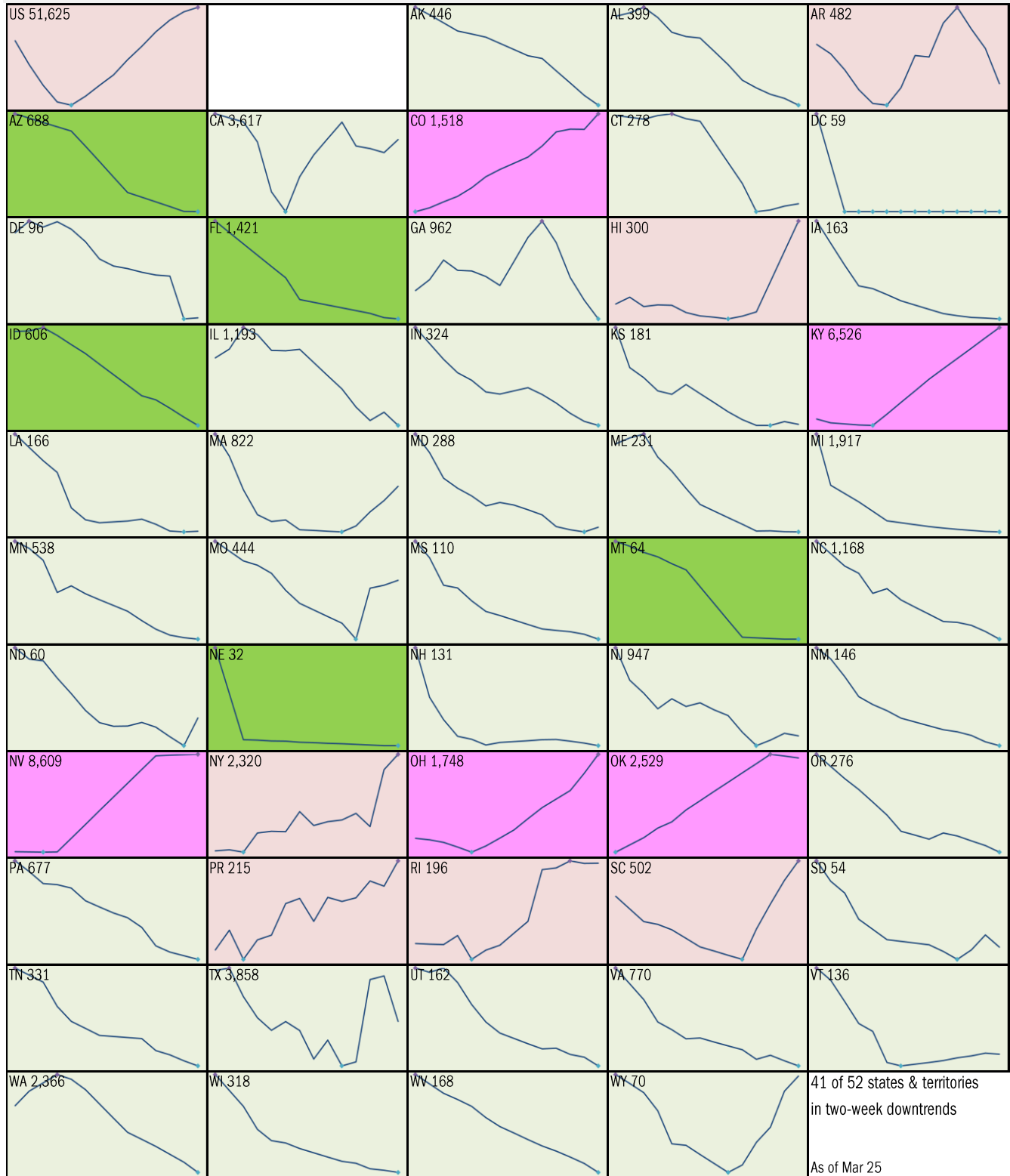


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

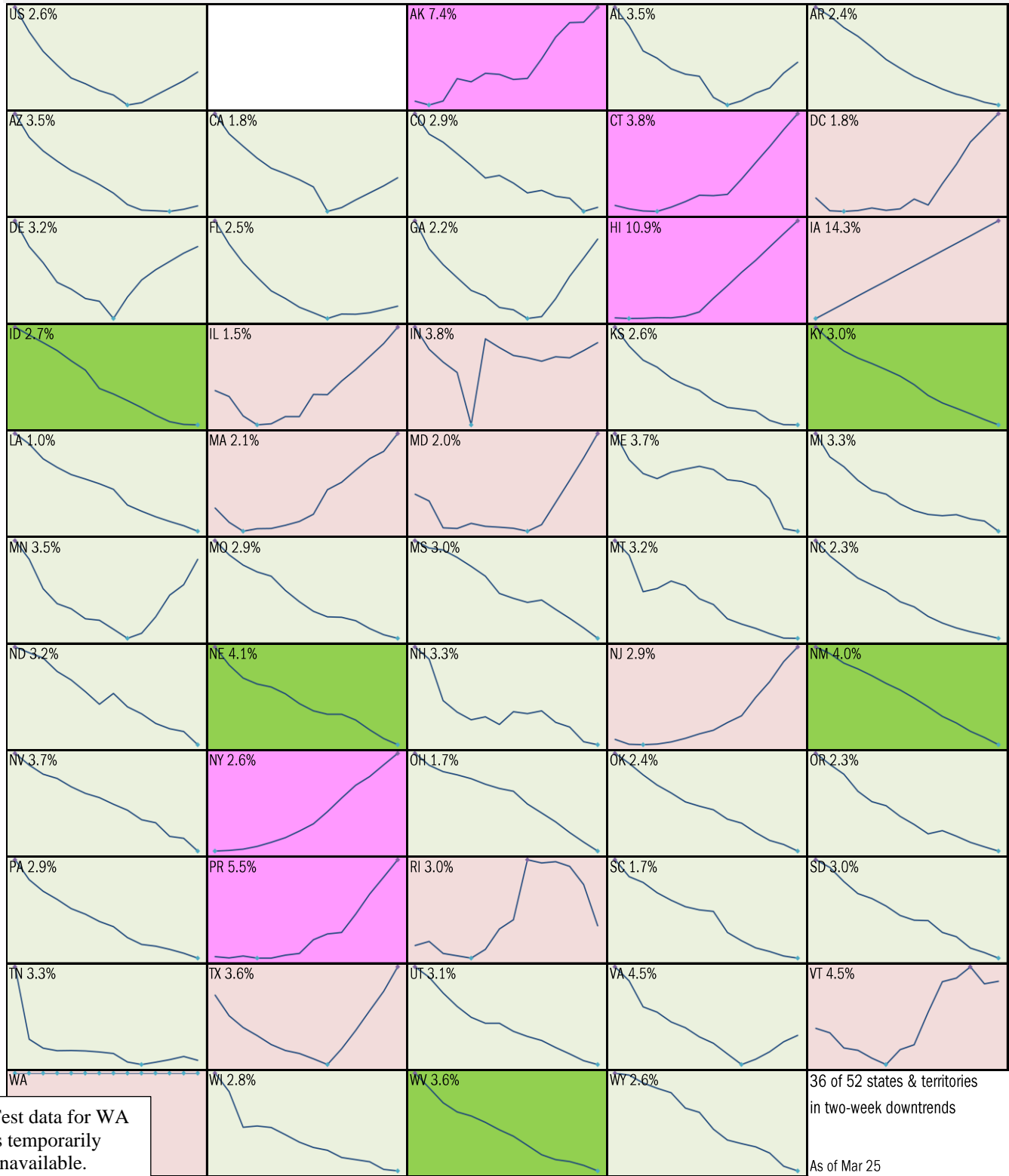


Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

# 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



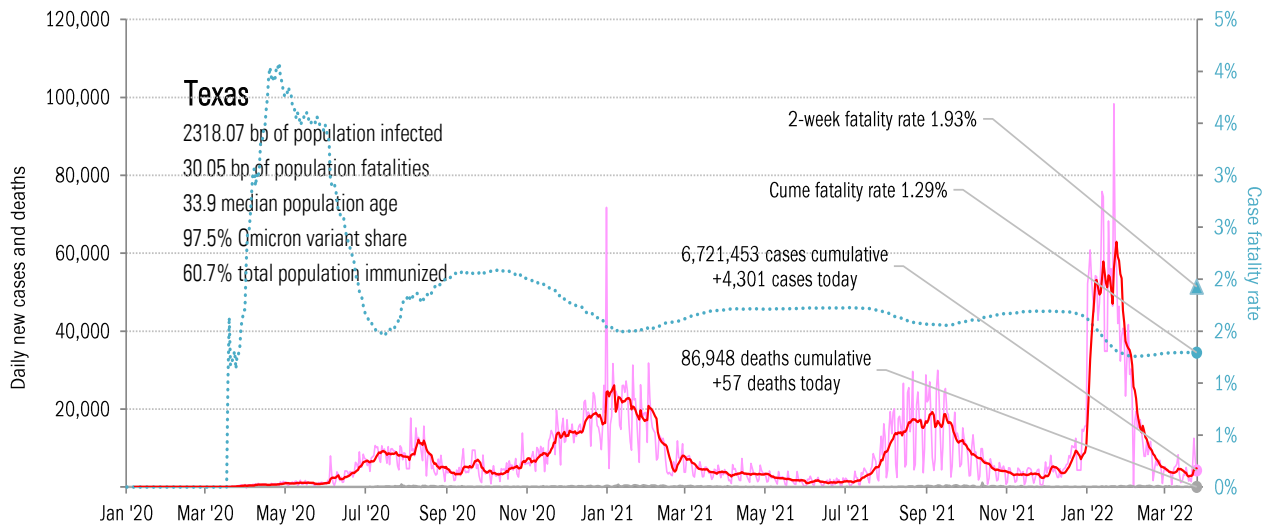
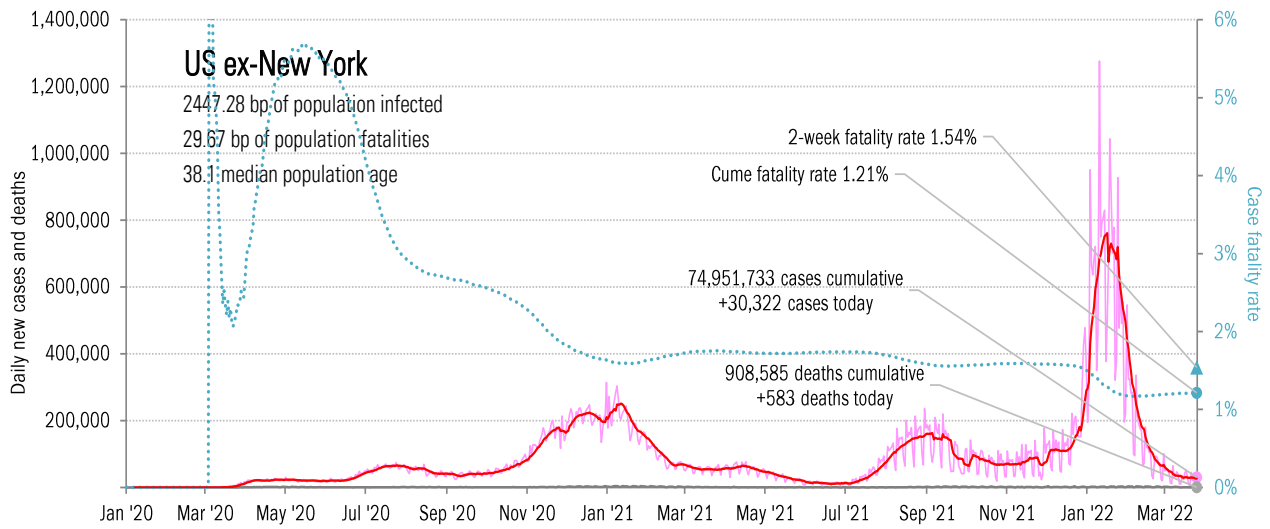
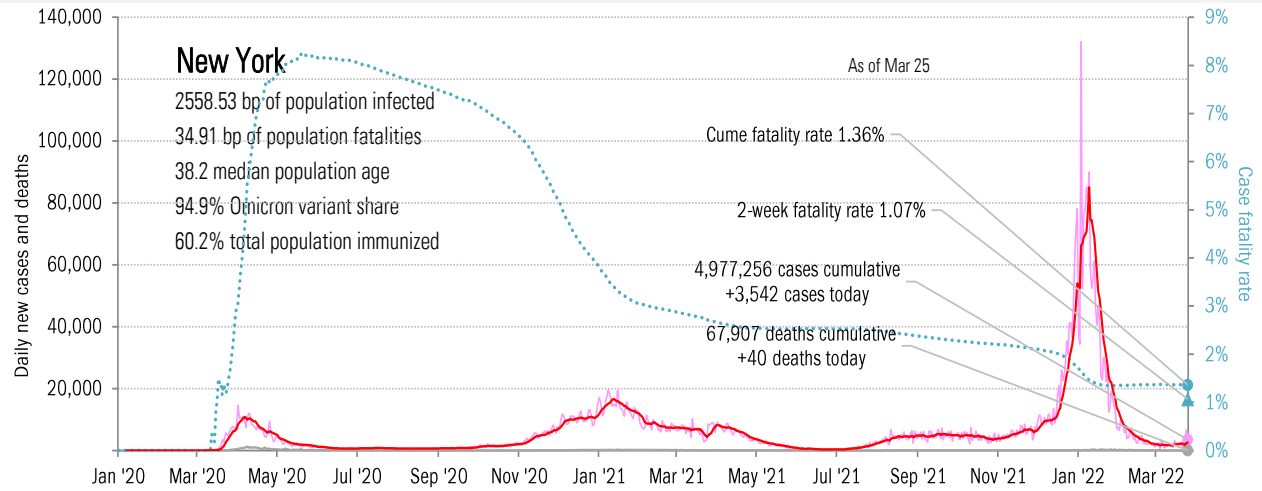
Test data for WA is temporarily unavailable.

36 of 52 states & territories in two-week downtrends  
As of Mar 25

Source: [Covid Act Now](https://www.covidactnow.com), TrendMacro calculations

# From Ground Zero to the Rio Grande

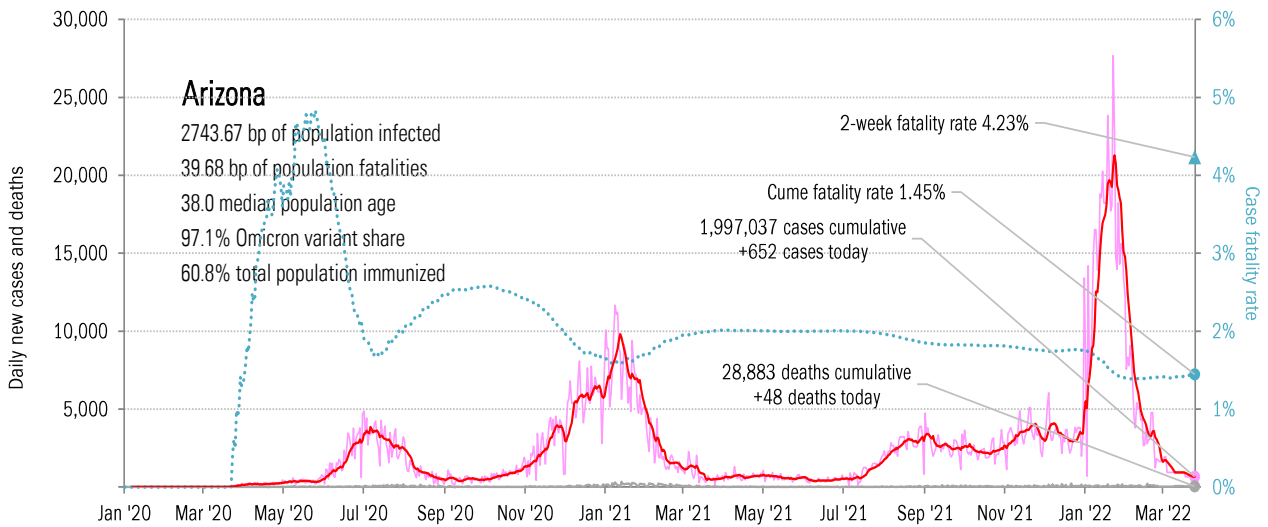
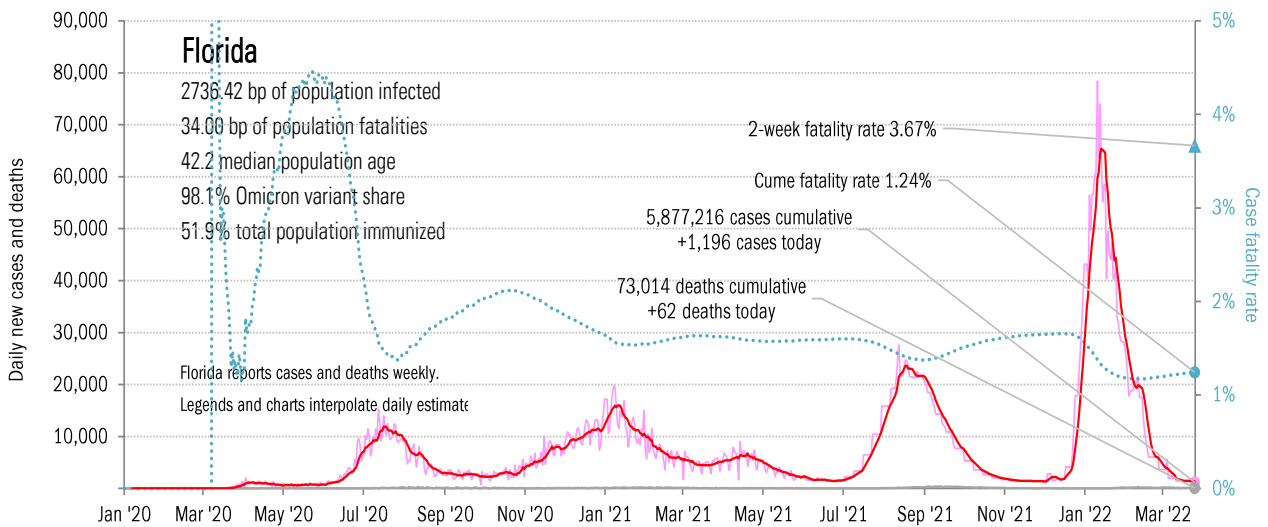
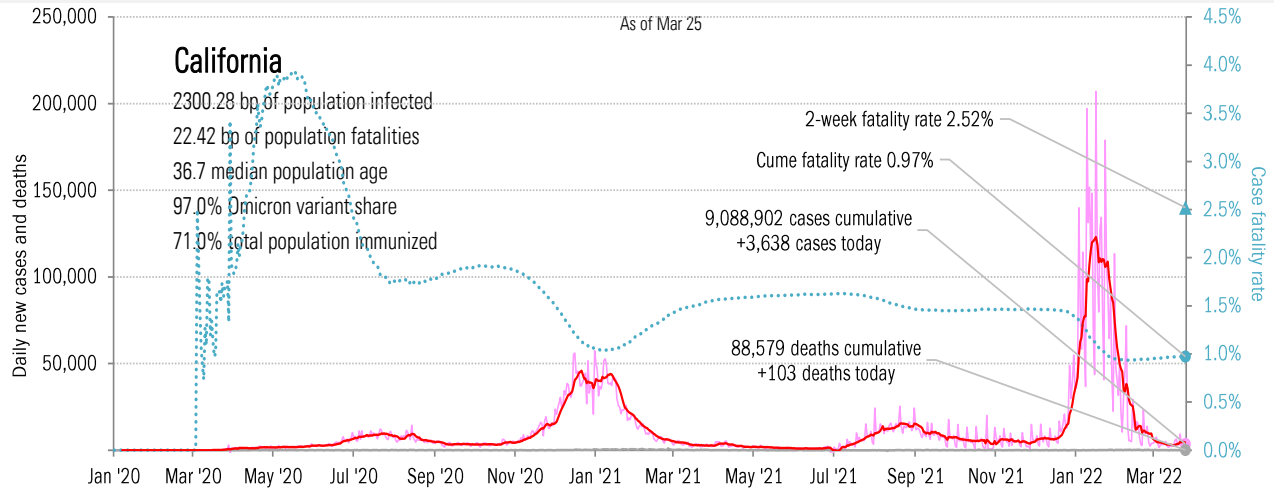
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

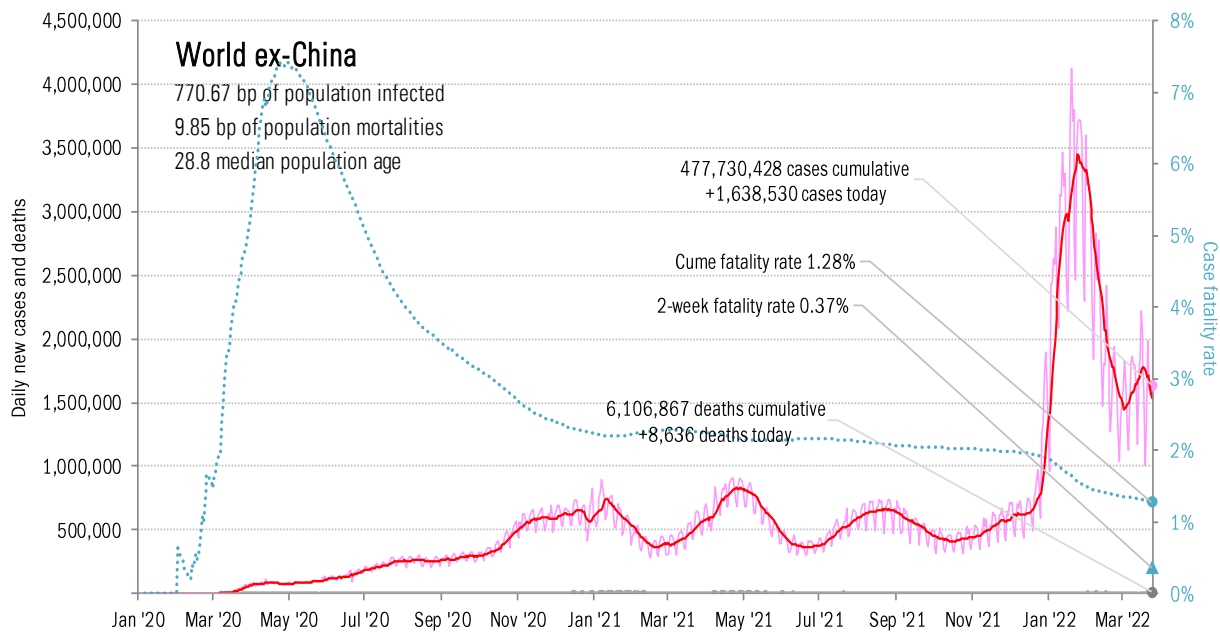
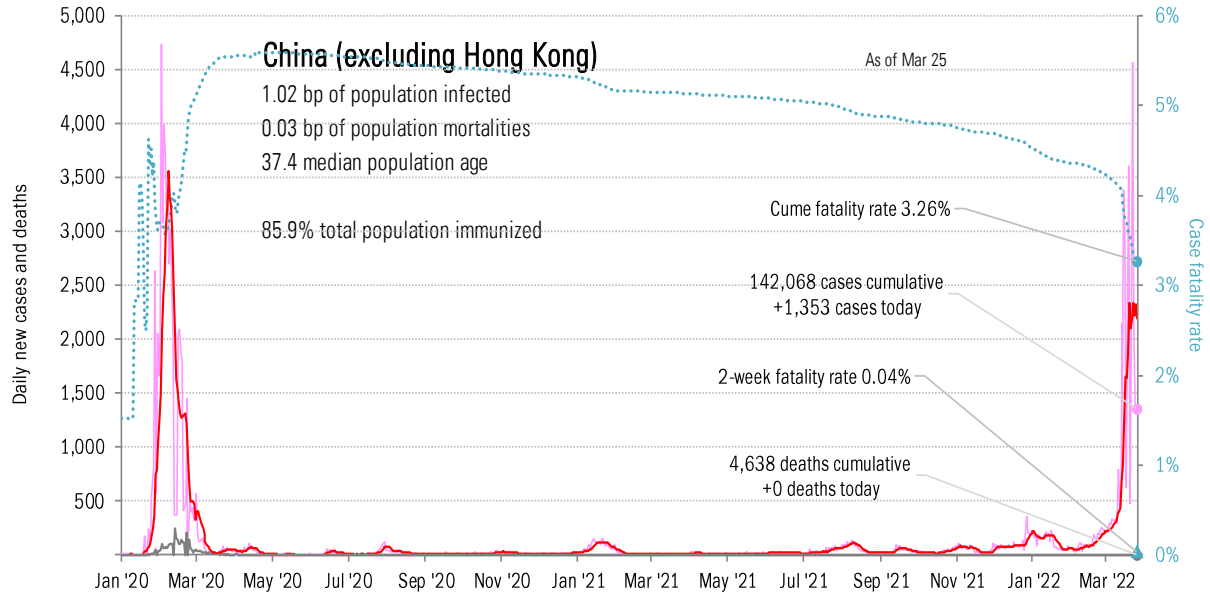
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

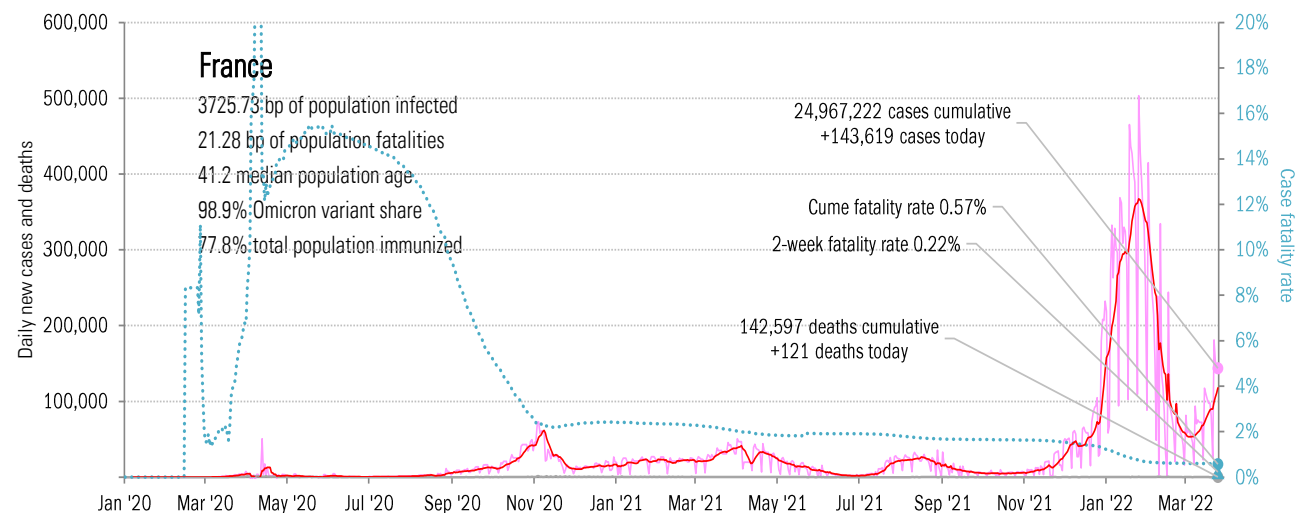
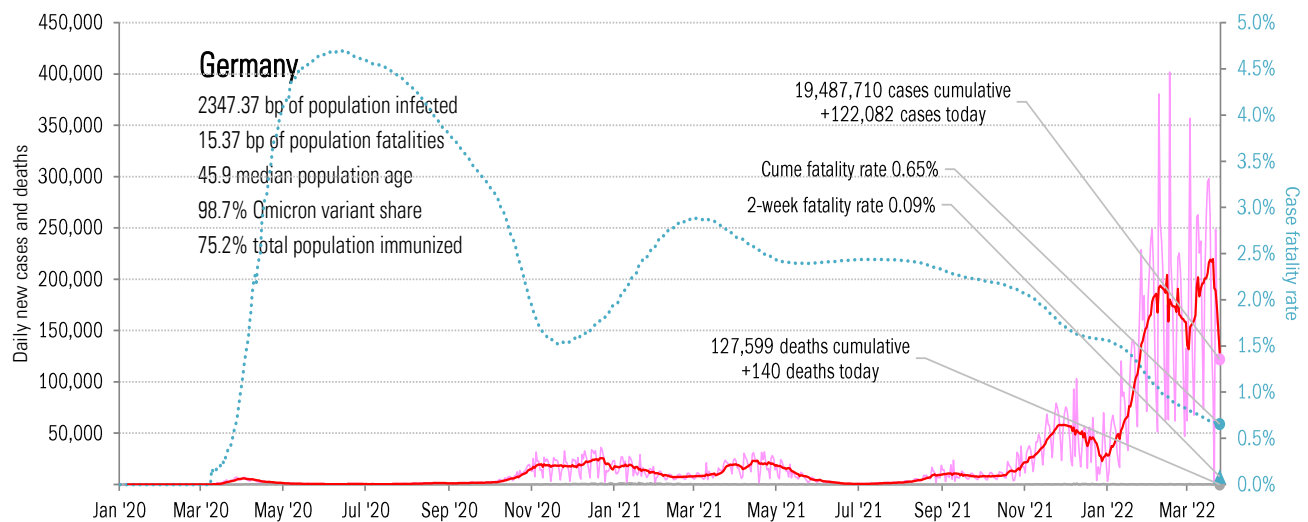
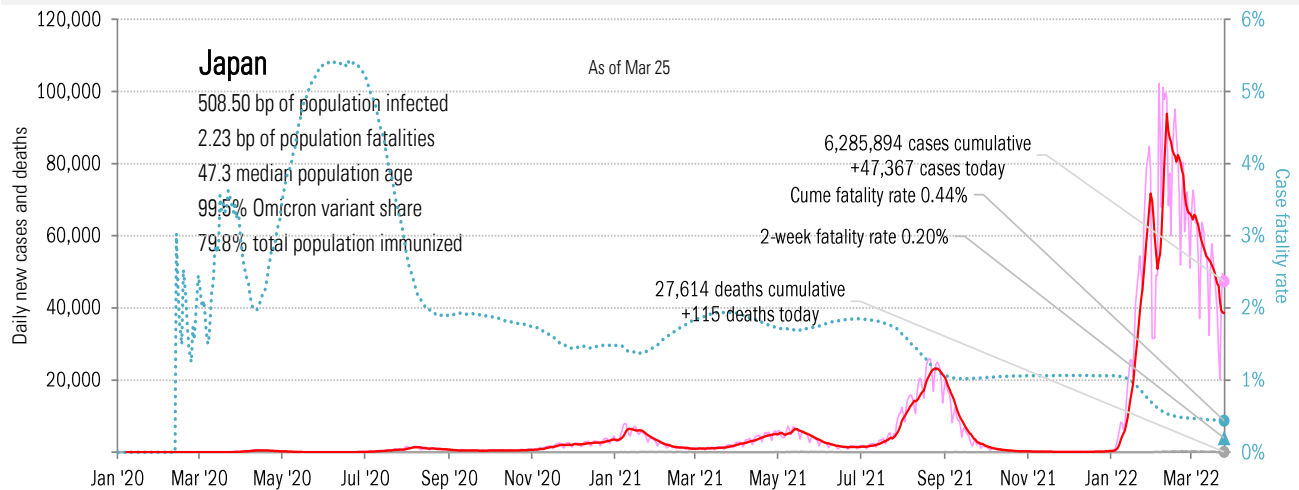
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

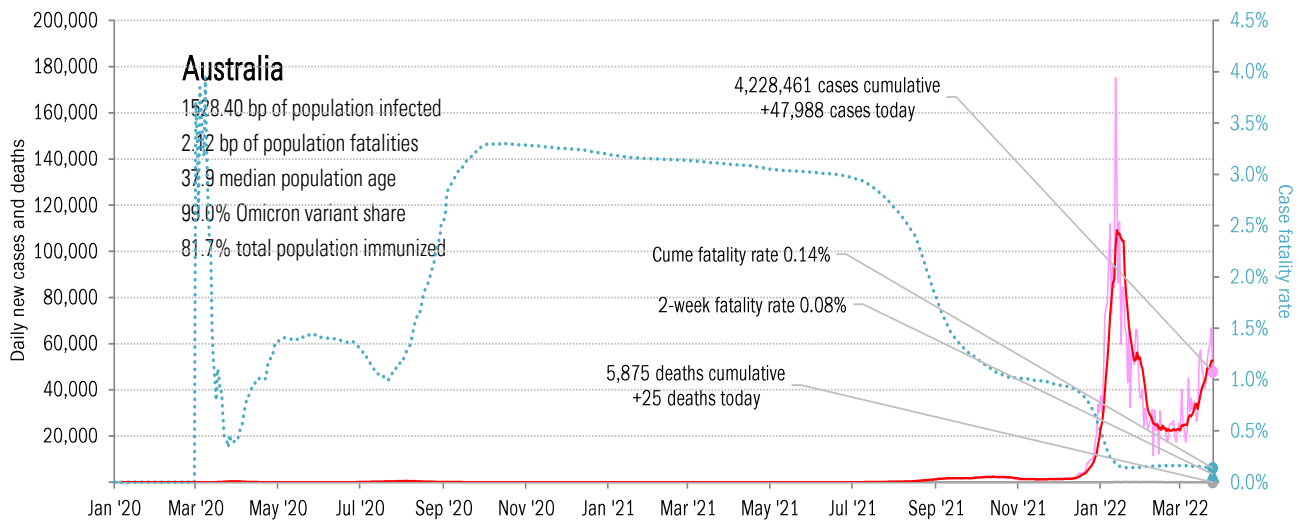
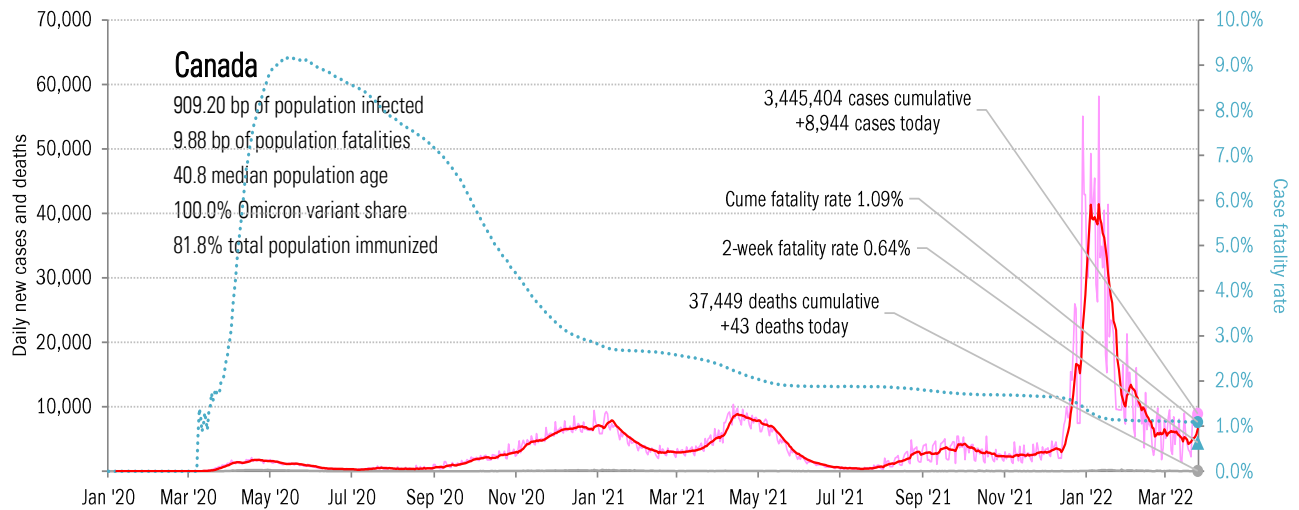
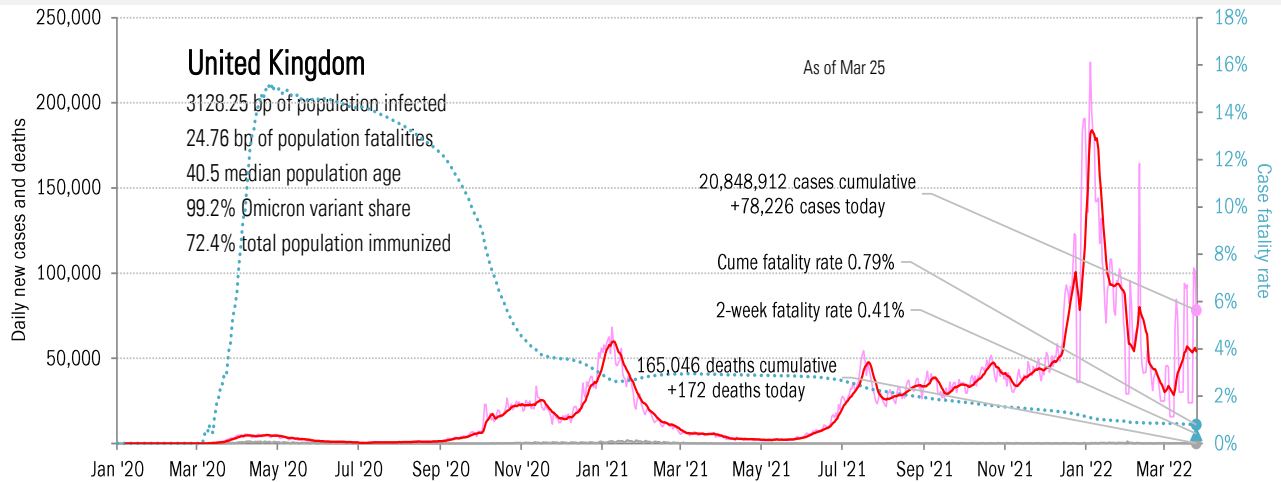
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

Cases: 7-day average and daily Deaths: Daily

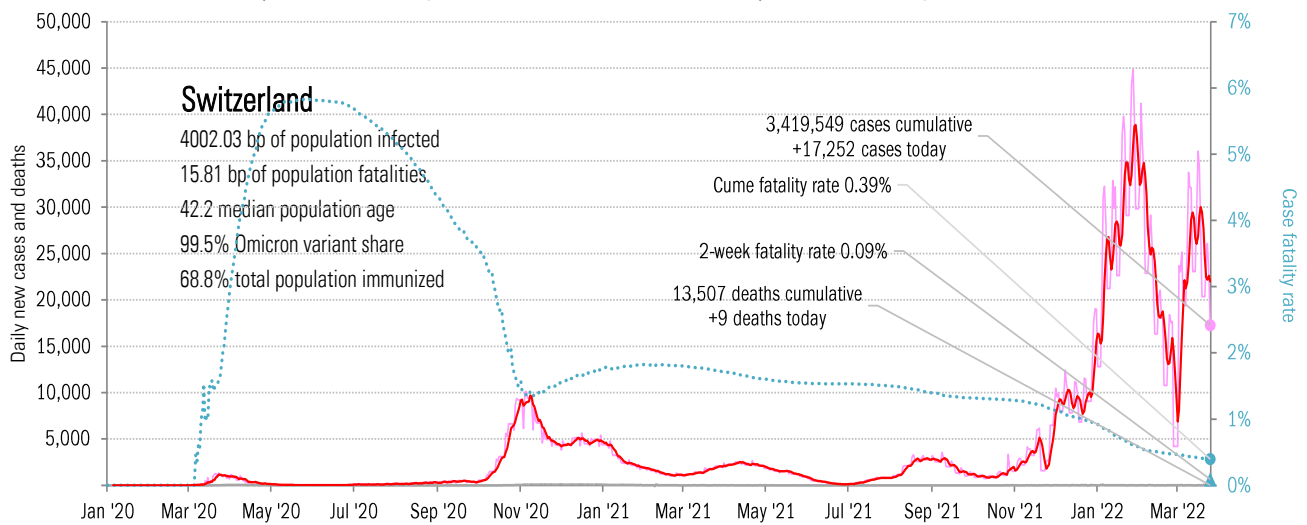
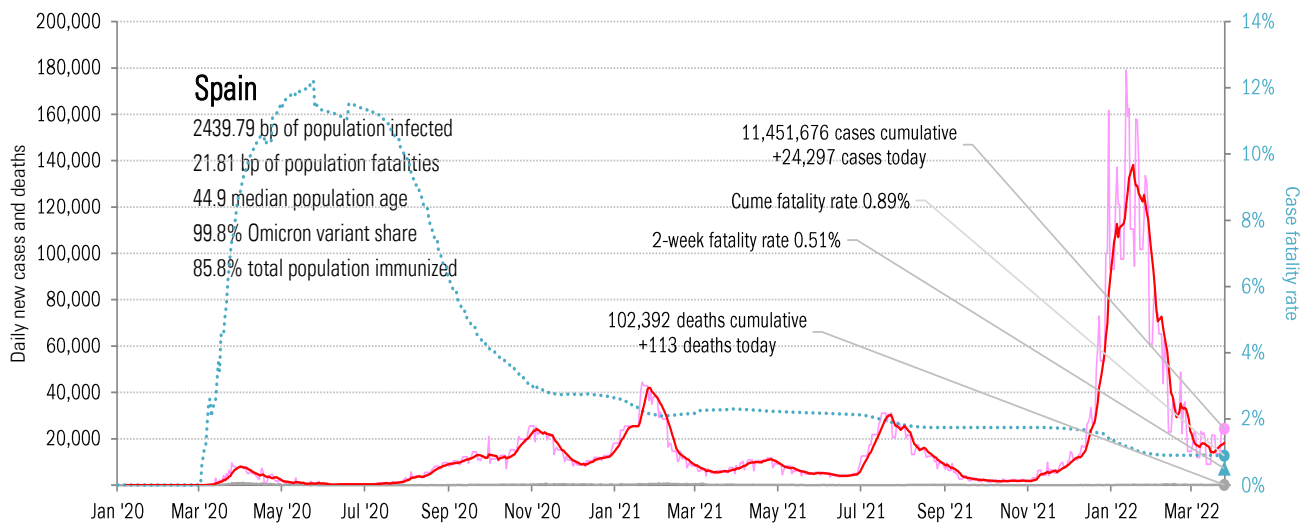
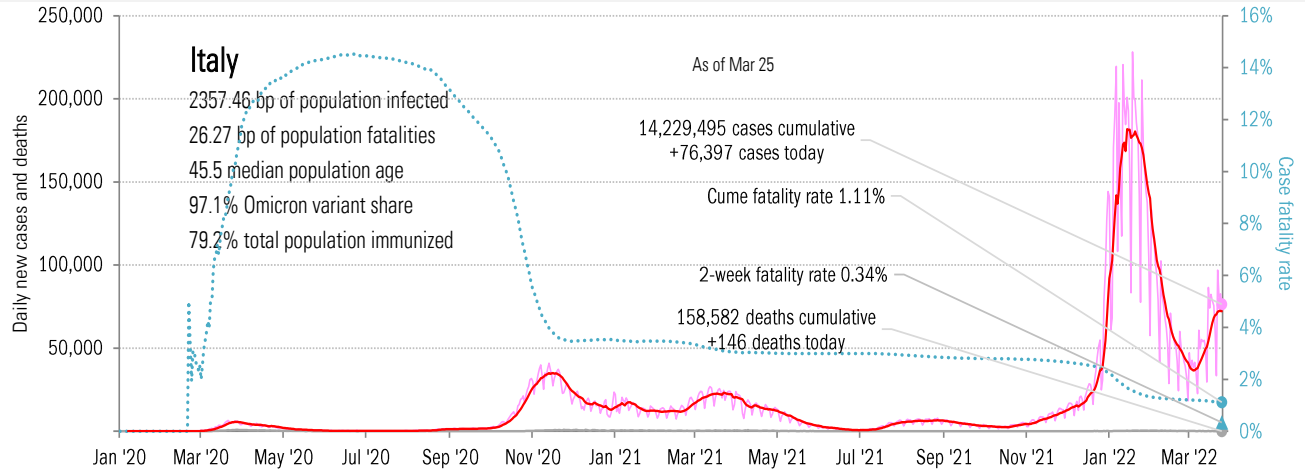


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in continental Europe

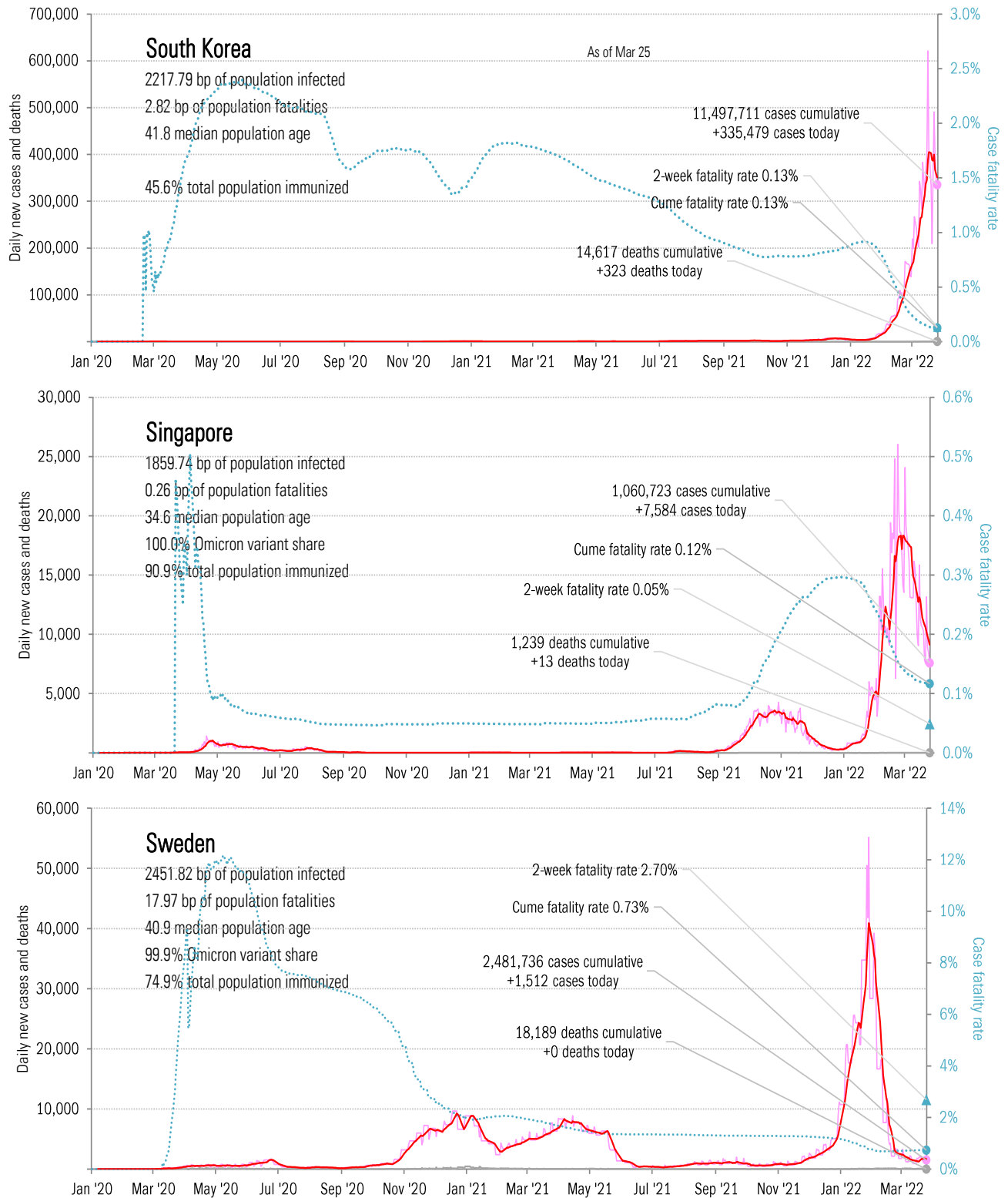
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

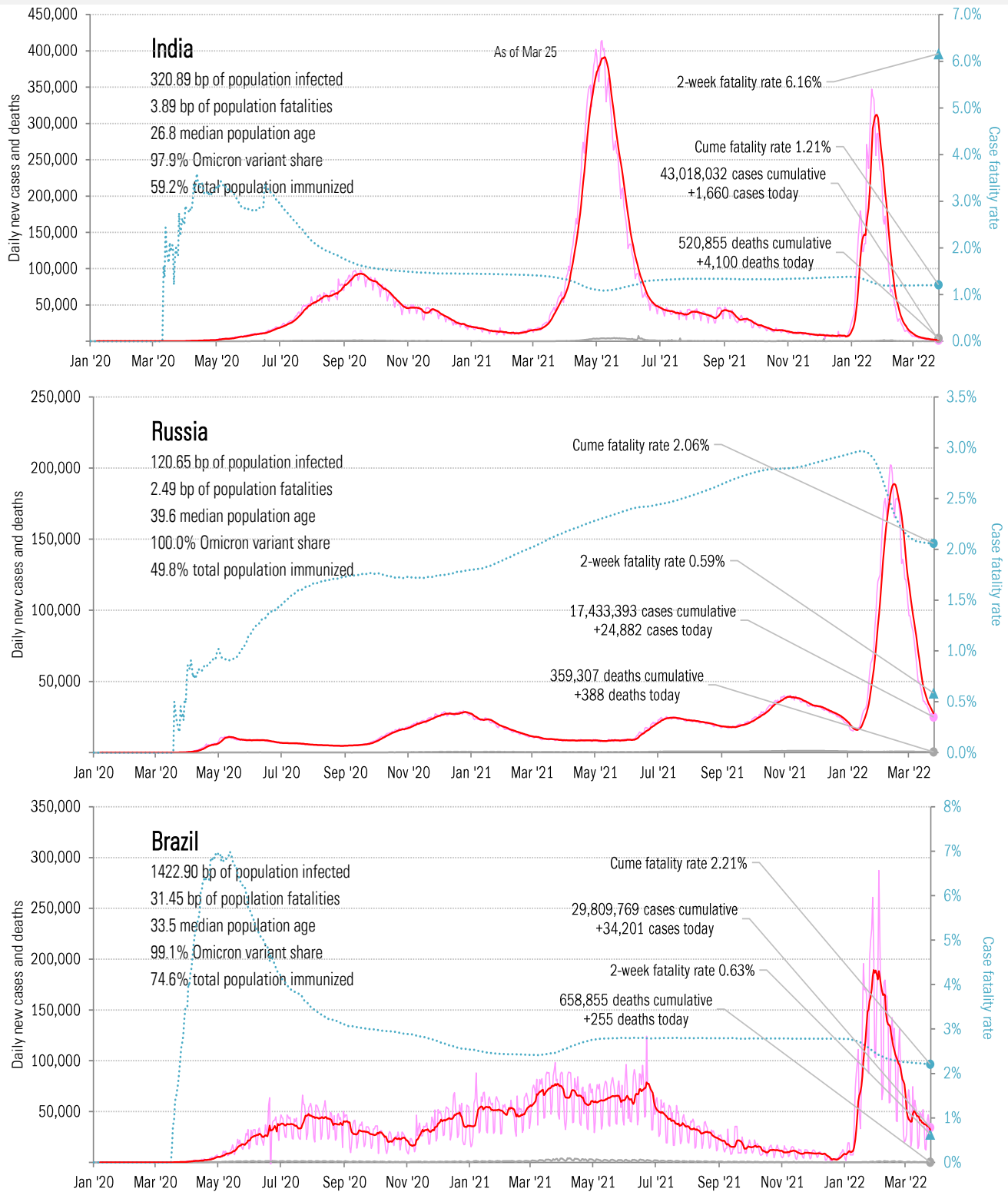
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

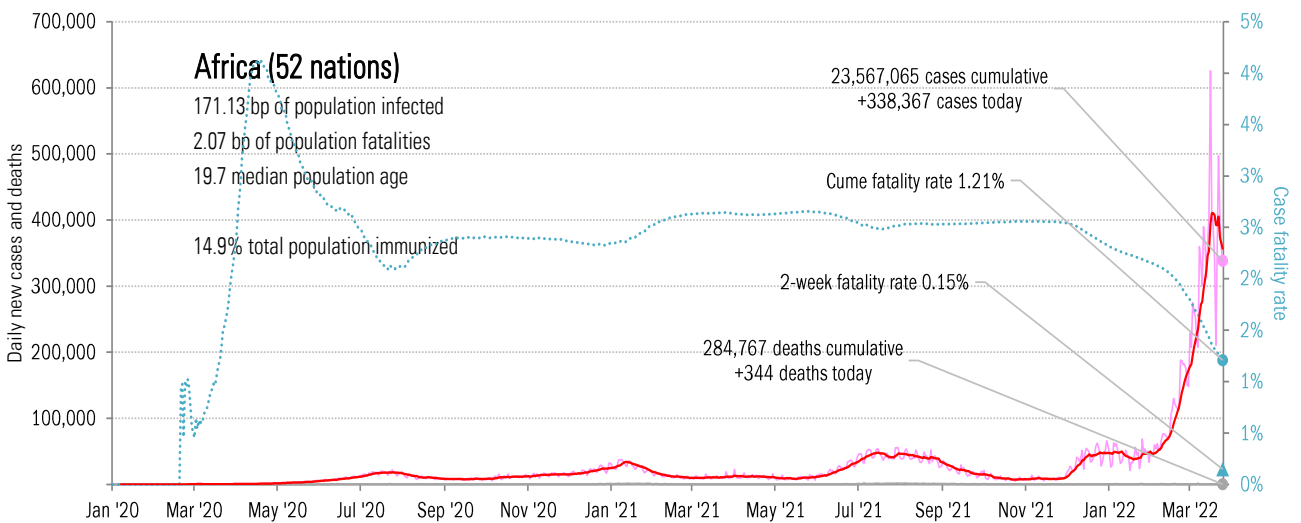
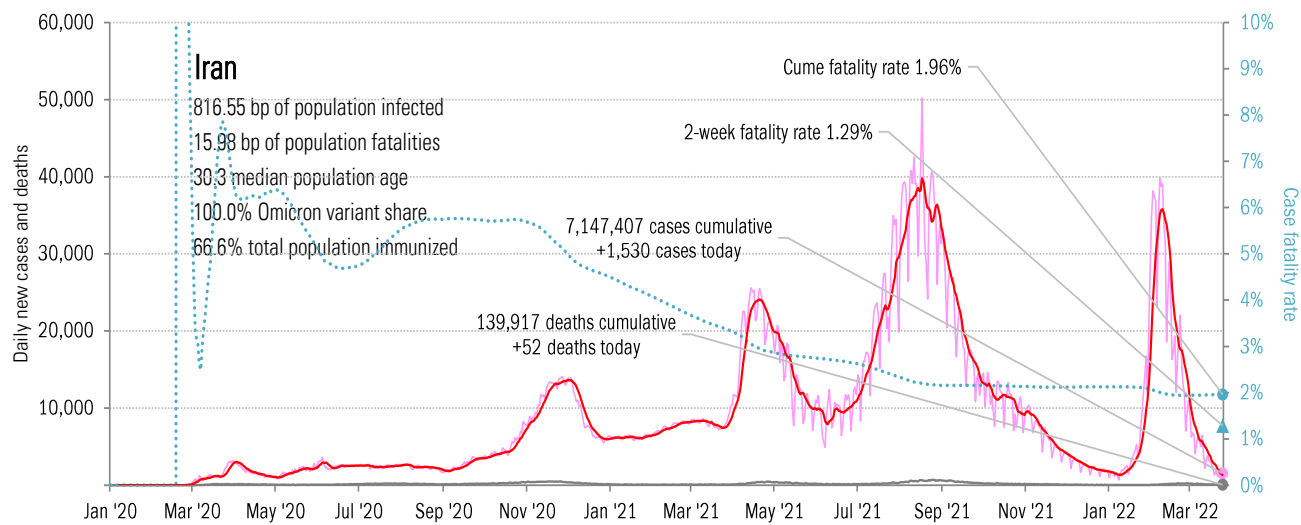
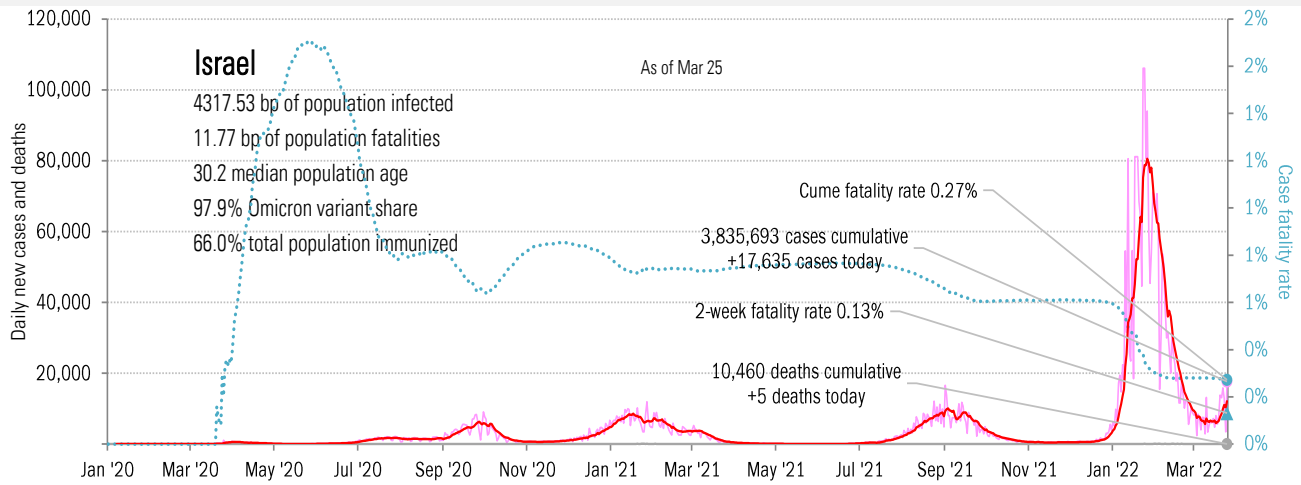
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

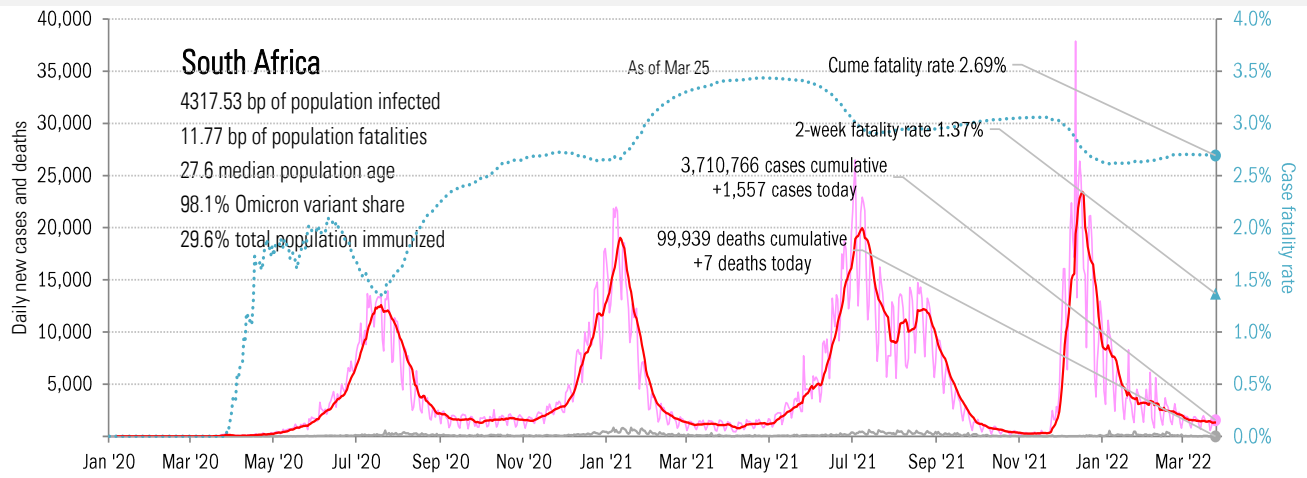
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

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



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