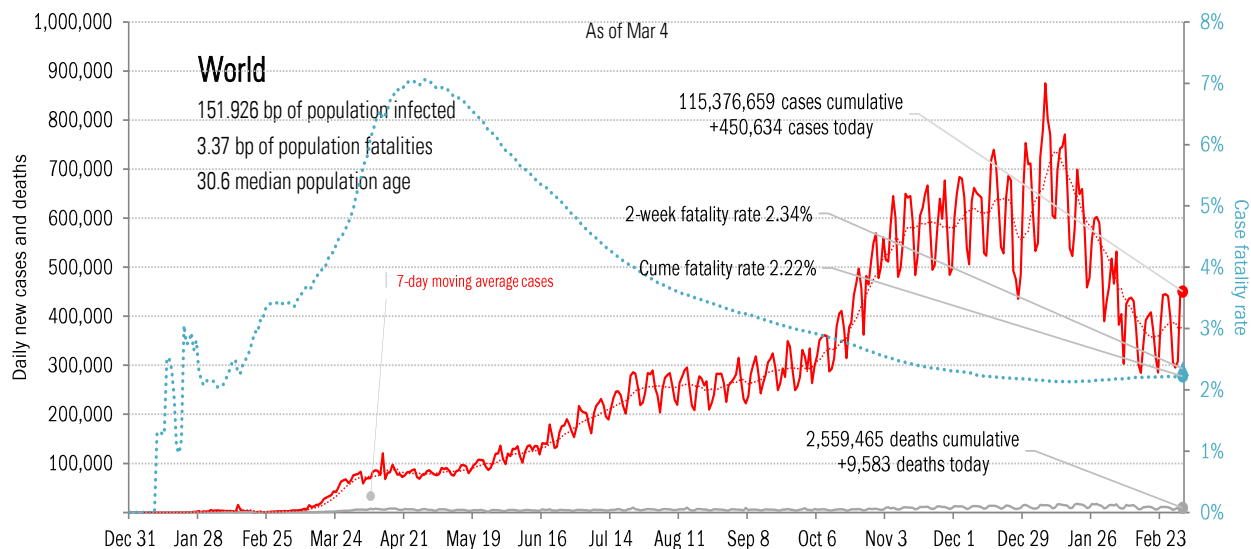
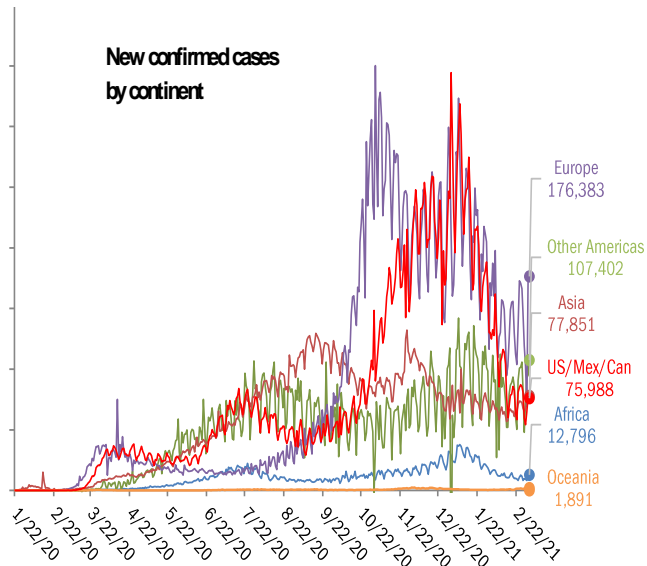


Data Insights: Covid-2019 Monitor

Friday, March 5, 2021

The global scorecard

The worst ten countries			
New cases		New Deaths	
Brazil	+75,102	United States	+1,743
United States	+65,487	Brazil	+1,699
France	+25,286	Mexico	+822
Italy	+22,845	Russia	+467
India	+16,838	Italy	+339
Poland	+15,253	France	+293
Czechia	+15,230	Poland	+289
Germany	+11,393	Germany	+269
Turkey	+11,322	Spain	+254
Russia	+11,263	United Kingdom	+242
+270,019		+6,417	
World	+450,634	World	+9,583
Top ten	60%	Top ten	67%



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

For more information contact us:

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 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

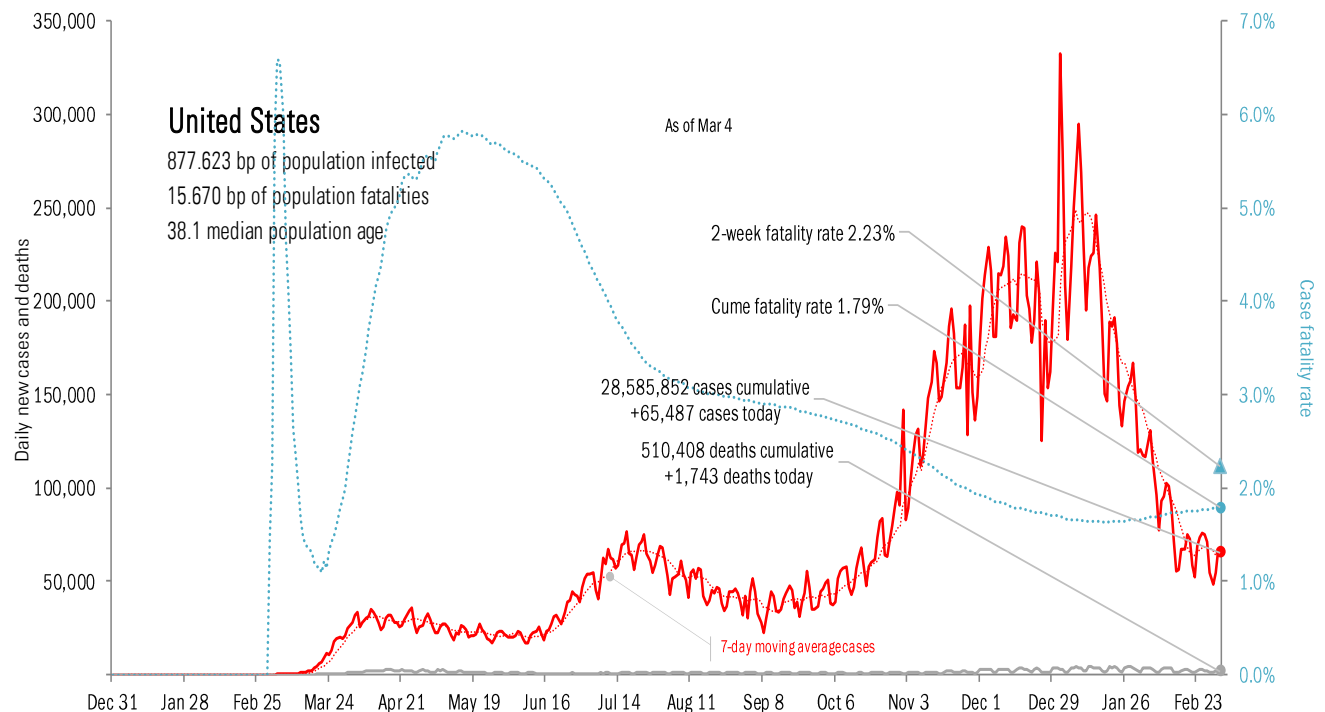
The ten worst US states

New cases			New Deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
TX	+8,028		TX	+315		SC	+28		CA	3,488,467		CA	53,048		NY	89,995		RI	93%	AL	84%
NY	+7,593		CA	+273		ID	+18		TX	2,671,442		TX	43,878		FL	81,600		MA	82%	DC	83%
FL	+5,997		FL	+126		MO	+10		FL	1,894,722		NY	38,796		NJ	64,137		CT	81%	MO	82%
CA	+3,504		GA	+125		MI	+8		NY	1,657,777		FL	31,955		AZ	57,747		DC	79%	FL	80%
NJ	+3,193		AZ	+96		AK	+6		IL	1,193,260		PA	24,219		GA	56,512		FL	79%	GA	80%
PA	+3,028		AL	+65		MT	+6		GA	1,017,428		NJ	23,491		CH	50,695		MO	79%	DE	79%
GA	+2,886		NY	+61		NH	+3		CH	974,480		IL	22,902		AL	45,807		PA	78%	TX	79%
NC	+2,502		PA	+50		VT	+3		PA	941,439		GA	17,750		IN	43,044		GA	78%	OK	78%
CH	+1,875		IL	+49		H	+2		NC	868,056		CH	17,189		MD	35,304		SC	78%	MS	77%
MI	+1,827		MA	+44		ME	+2		AZ	821,108		MI	16,589		WI	26,330		MD	77%	NC	77%
+40,433			+1,204			+86			15,528,179			289,817			551,171						
All states	+65,487			+1,743			-1290		All states	28,585,852			510,408			874,603		All states	73%		70%
Top ten	62%			69%			-7%		Top ten	54%			57%			63%		Median	71%		70%

Some states not reporting

Five most improved US states

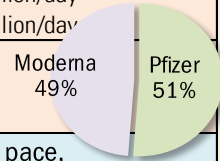
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
AL	-1,811	VA	-352	TX	-109	MA	+14,005
KS	-807	MO	-214	TN	-105	PA	+12,140
UT	-729	NJ	-86	NY	-100	TX	+8,589
NJ	-498	KS	-73	IL	-89	CH	+2,704
IL	-364	NC	-39	GA	-59	NM	+1,540



Source: [Covid Tracking Project](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

US overall	Over last day	Share pop full immunization
109.91 million doses distributed	+2.88 million/day	United States 8.3%
82.57 million doses administered	+2.03 million/day	United Kingdom 1.4%
54.04 million persons with one shot	+1.18 million/day	France 2.6%
27.80 million persons with two shots	+0.84 million/day	Spain 2.8%
7.26 million shots long-term care residents/staff	+0.04 million/day	Germany 2.7%
75.1% of distributed doses administered		Italy 2.6%
16.3% of US pop 1 shot	8.4% 2 shots	Australia 0.7%
100% of LTC 1 shot	56.6% 2 shots	Israel 42.2%
		Canada 1.5%
		Japan 2.6%
		China 2.0%
		India 0.2%
		Brazil 1.1%



At today's dosing pace,
every American will have two in
282 days
by Dec 11, 2021

US will achieve herd immunity in
125 days
by Jul 7, 2021

State	
Doses distributed as % population	Best
One shot received as % population	Middle
Two shots received as % population	Worst

AK
55.9%
23.6%
14.2%

ME
36.3%
17.1%
8.1%

WI
32.2%
17.6%
9.6%

VT
39.4%
17.9%
9.6%

NH
34.3%
18.8%
7.8%

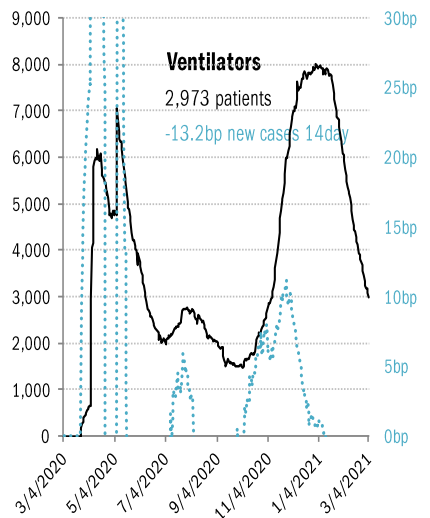
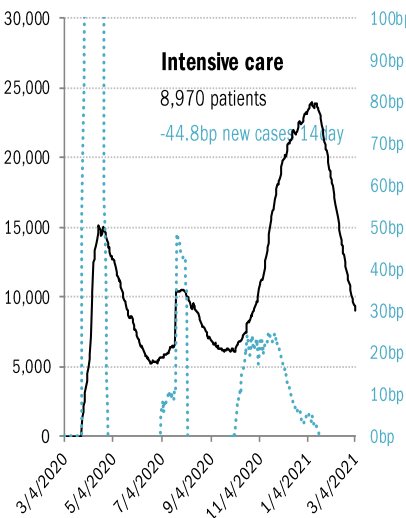
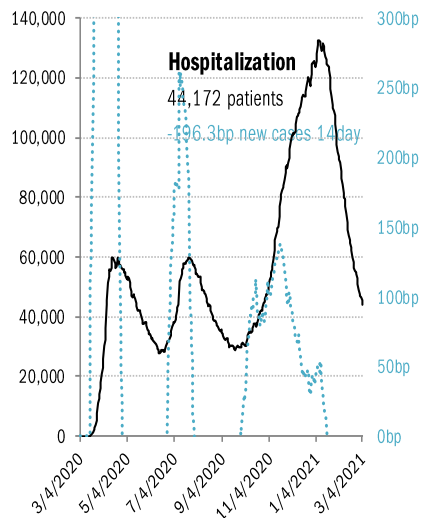
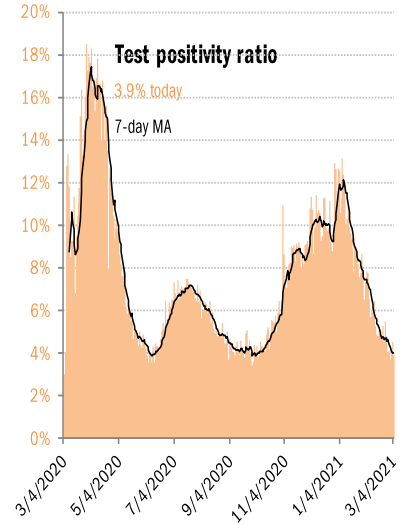
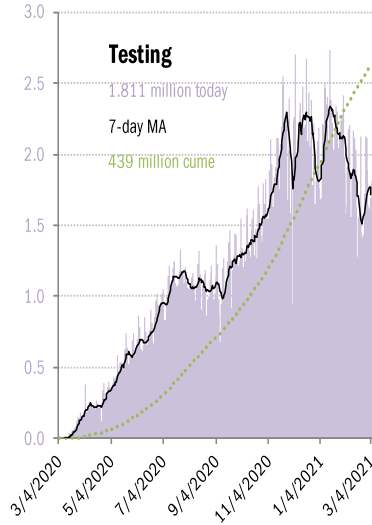
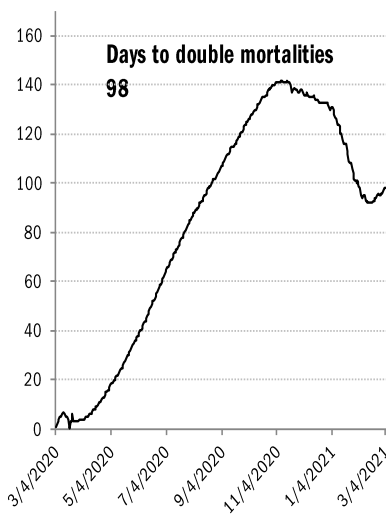
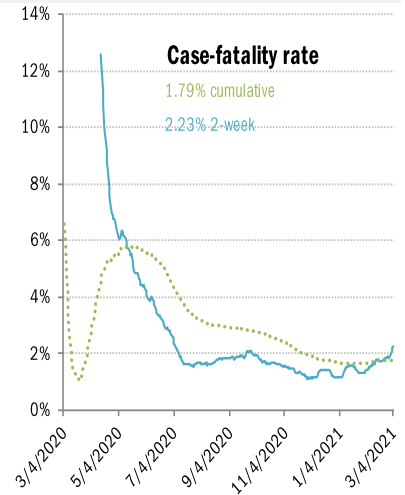
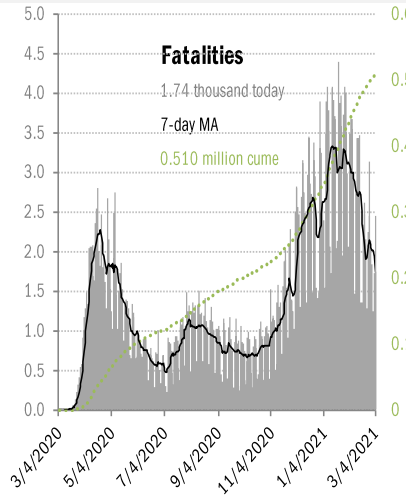
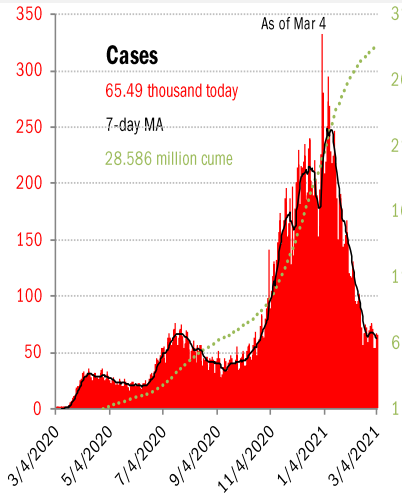
WA 33.8% 16.3% 9.0%	ID 30.6% 15.4% 8.1%	MT 36.3% 18.7% 9.5%	ND 37.9% 20.1% 10.9%	MN 33.0% 18.0% 8.9%	IL 32.3% 17.0% 7.4%	MI 31.8% 15.9% 9.1%	NY 33.8% 15.7% 8.1%	MA 34.5% 19.5% 8.4%		
OR 32.3% 16.1% 9.1%	NV 32.0% 15.5% 8.2%	WY 38.9% 17.9% 9.9%	SD 42.6% 21.9% 11.4%	IA 32.4% 18.0% 6.5%	IN 31.7% 15.6% 9.3%	OH 32.7% 15.6% 8.6%	PA 33.8% 16.2% 7.4%	NJ 31.3% 18.1% 9.0%	CT 37.7% 21.3% 8.8%	RI 33.5% 19.7% 7.8%
CA 33.5% 17.1% 7.7%	UT 29.7% 13.2% 6.1%	CO 33.6% 16.9% 8.9%	NE 34.4% 17.2% 9.1%	MO 31.0% 15.0% 7.7%	KY 32.5% 17.0% 8.6%	WV 36.8% 18.5% 11.9%	VA 32.6% 17.2% 9.4%	MD 34.9% 16.4% 9.1%	DE 35.7% 15.9% 8.7%	
AZ 33.7% 17.8% 8.6%	NM 41.1% 23.3% 12.6%	KS 35.9% 15.9% 7.9%	AR 32.8% 15.0% 8.3%	TN 31.4% 14.1% 7.4%	NC 31.5% 16.1% 8.9%	SC 29.9% 15.2% 8.0%	DC 46.0% 12.8% 6.2%			
	OK 41.3% 18.7% 10.8%	LA 32.6% 15.4% 8.6%	MS 33.8% 15.1% 8.1%	AL 31.2% 14.0% 7.5%	GA 31.5% 12.3% 7.6%					
HI 40.4% 18.3% 10.9%	TX 30.5% 13.6% 7.5%					FL 33.5% 15.5% 8.7%	PR 36.7% 11.9% 6.8%			

As of Mar 4

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

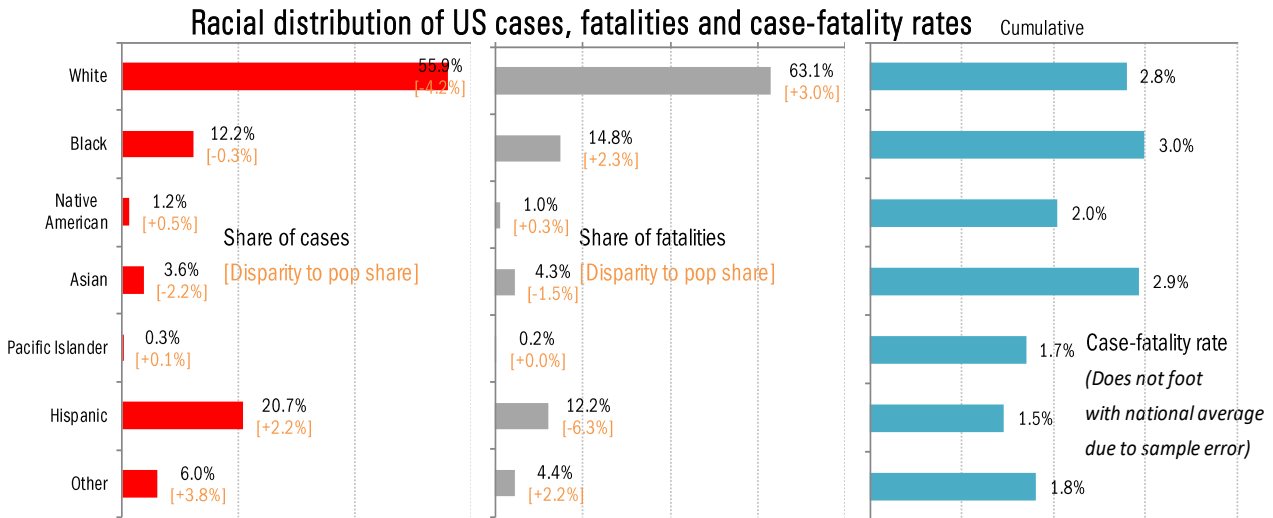
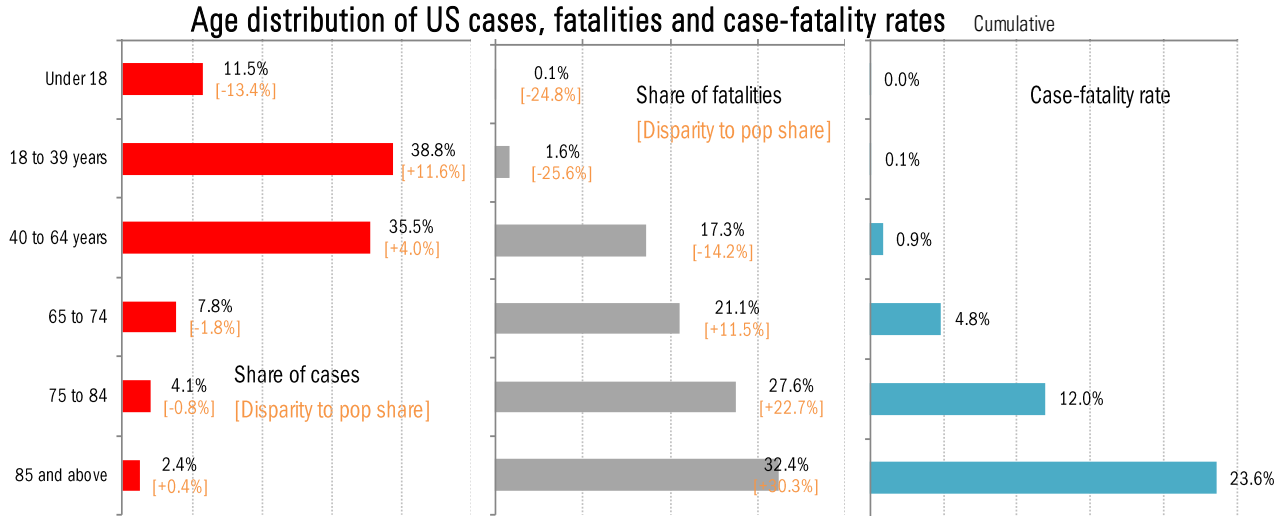
US deep-dive

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

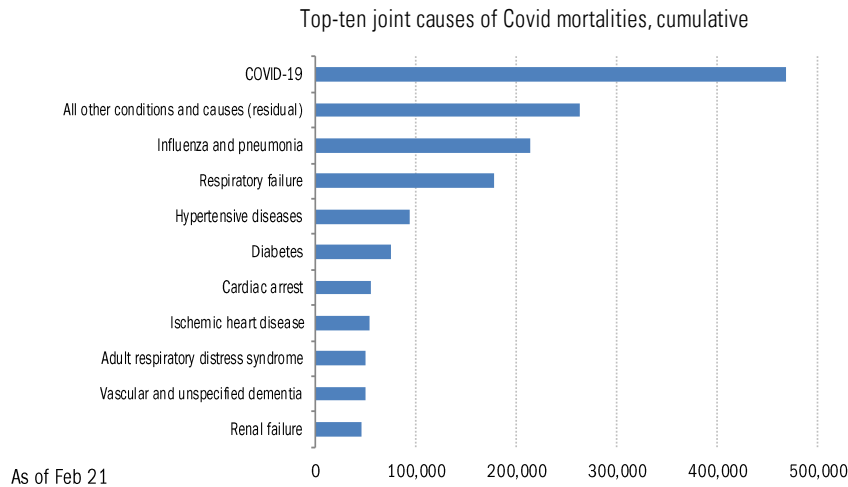


Source: [Covid Tracking Project](#), TrendMacro calculations

US deep-dive on the demographics of age, race and health



Comorbidities



For 6% of the deaths, COVID-19 was the only cause mentioned. For deaths with conditions or causes in addition to COVID-19, on average, there were 3.8 additional conditions or causes per death.

Source: Distributions [CDC](#), Comorbidities [CDC](#), TrendMacro calculations

Recommended reading

[Cuomo Advisers Altered Report on Covid-19 Nursing-Home Deaths](#)

Joe Palazzolo, Jimmy Vielkind and Rebecca Davis O'Brien
Wall Street Journal
March 4, 2021

[KDHE threatened to withhold vaccines from Riley County](#)

Danedri Herbert
The Sentinel
March 3, 2021

[COVID In Colorado: Gov. Jared Polis Envisions A 'Very Close To Normal' Summer](#)

Tori Mason
4 CBS Denver
March 2, 2021

[Biden Bailout Bill: State Funding Formula Impact](#)

House Budget Republicans
February 27, 2021

[The Covid-19 Baby Bust Is Here](#)

Margherita Stancati
Wall Street Journal
March 4, 2021

[Inside Pfizer's Fast, Fraught, and Lucrative Vaccine Distribution](#)

Stephanie Baker, Cynthia Koons and Vernon Silver
Bloomberg
March 4, 2021

[US policymakers lose faith in official unemployment rate](#)

James Politi and Taylor Nicole Rogers
Financial Times
March 3, 2021

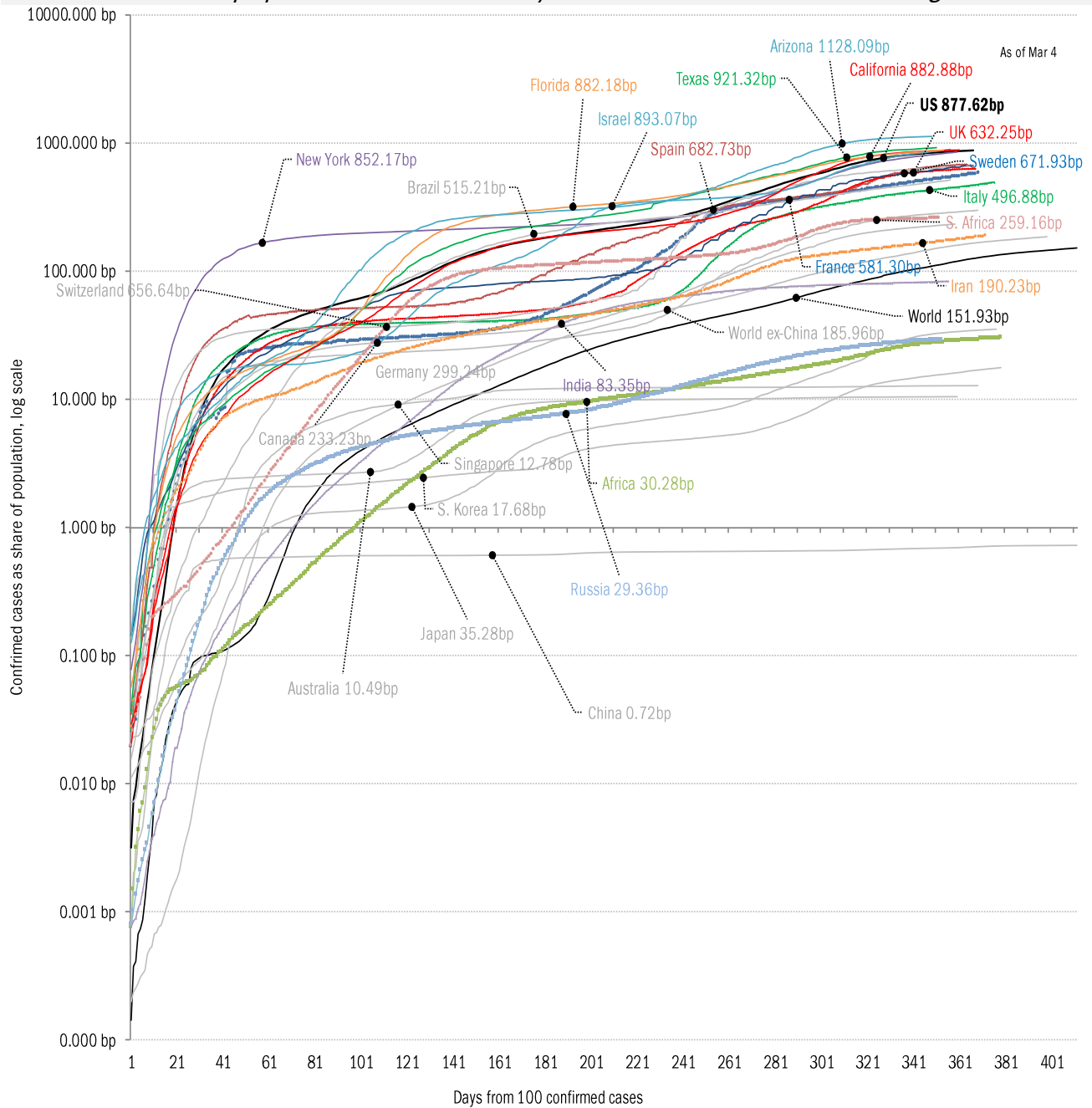
Meme of day



**Experts Warn Lifting Mask Mandates Could
Contribute To Dangerous Spread Of Freedom**

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

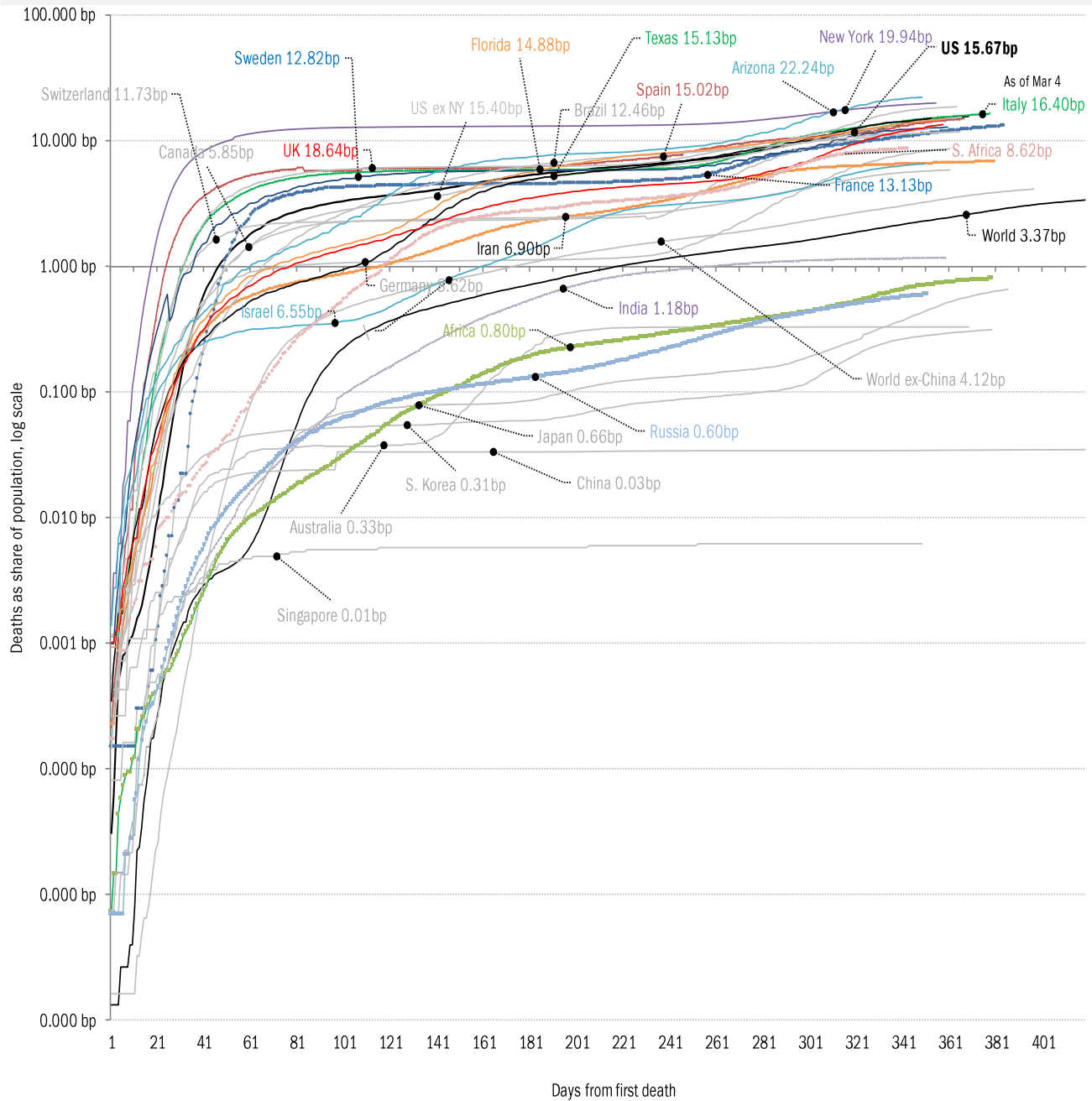
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

The coronavirus mortality accelerometer ... tracking the world's fatality curves

Share of deceased population from day of first fatality

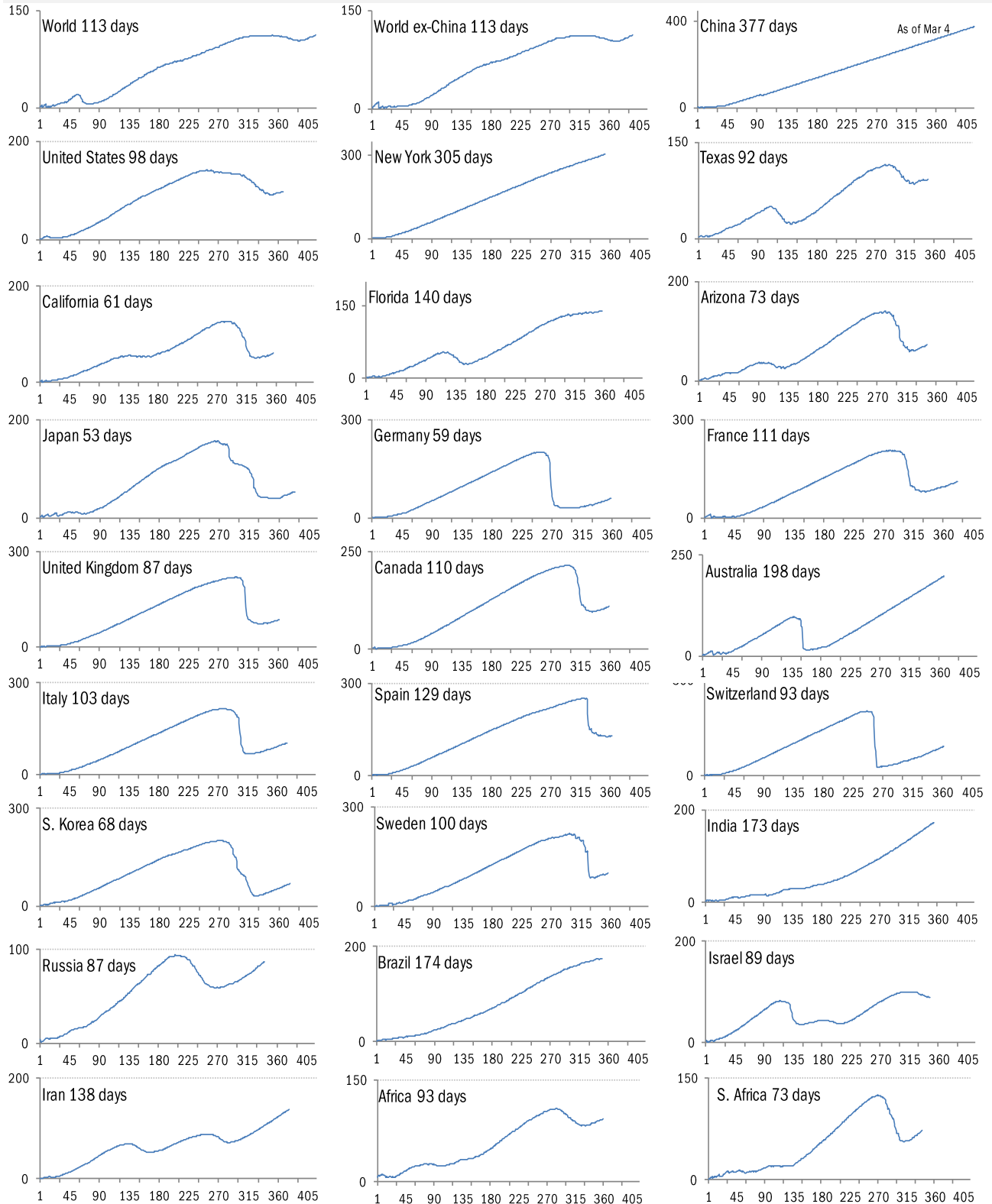


Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

"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](#), [Covid Tracking Project](#), 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: [Covid Tracking Project](#), TrendMacro calculations

Alt requirement to [Open Up America Again](#): 14-day "downward trajectory" in pos tests

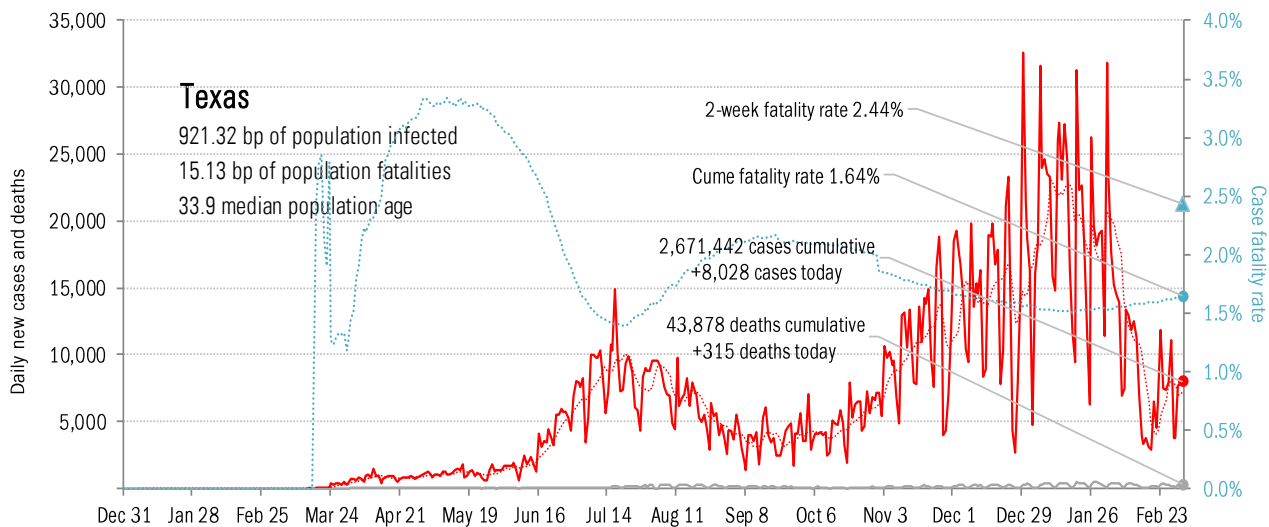
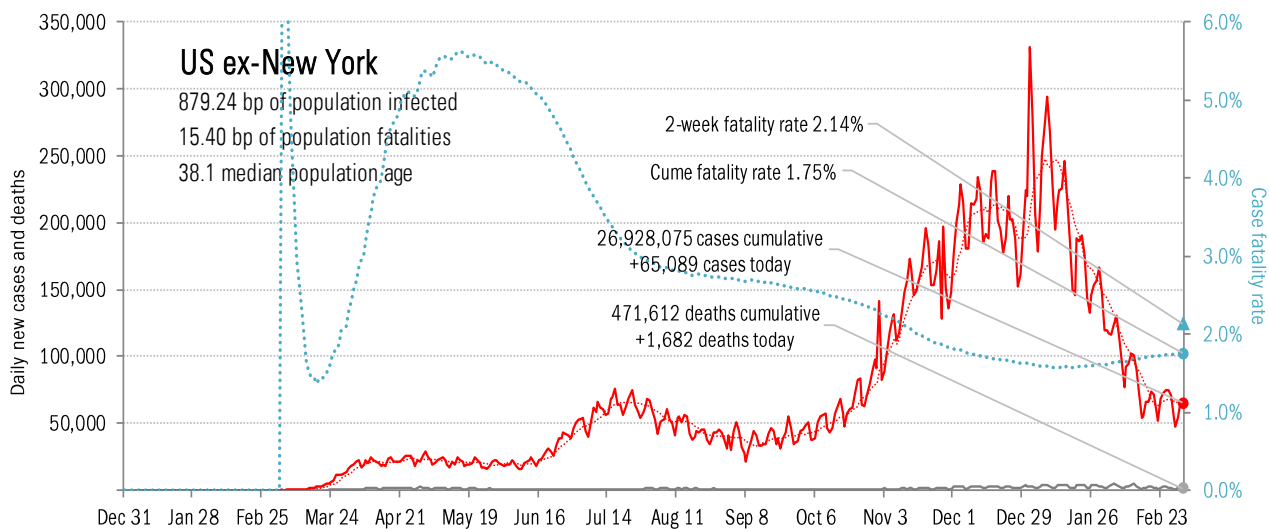
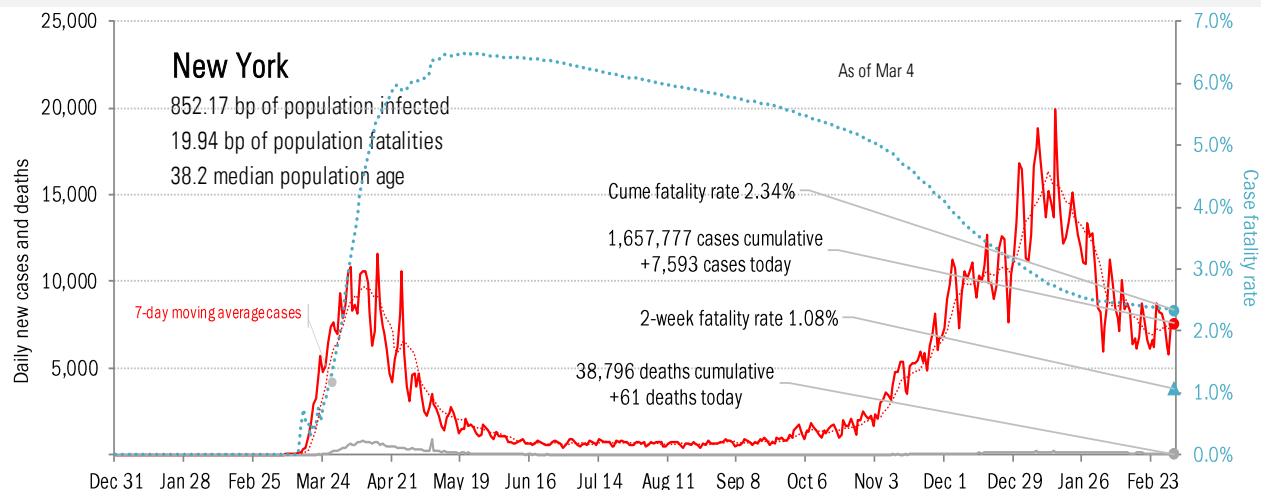
14-day moving average, last 14 days *Most recent value displayed* ● High ● Low

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



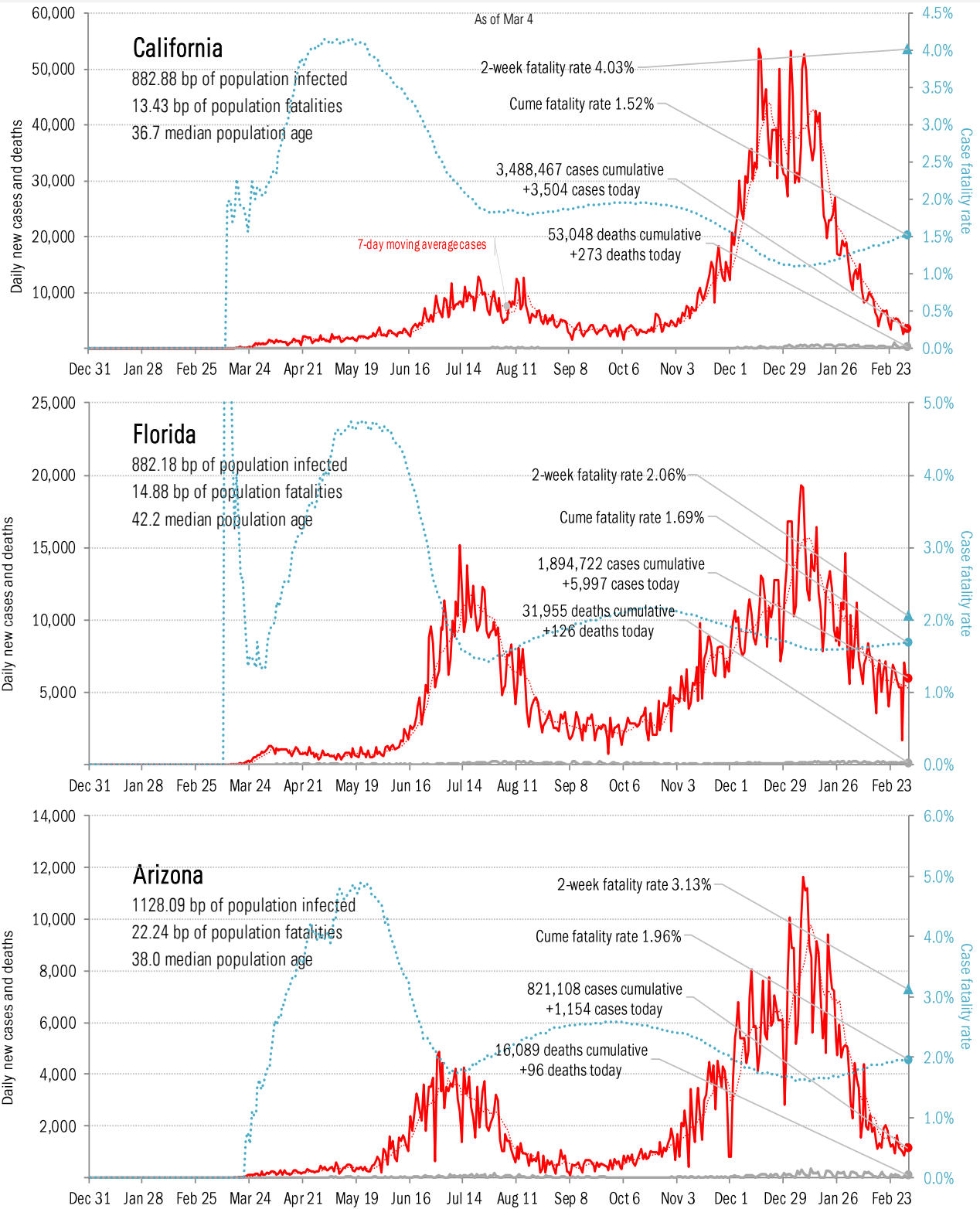
Source: [Covid Tracking Project](#), TrendMacro calculations

From Ground Zero to the Rio Grande



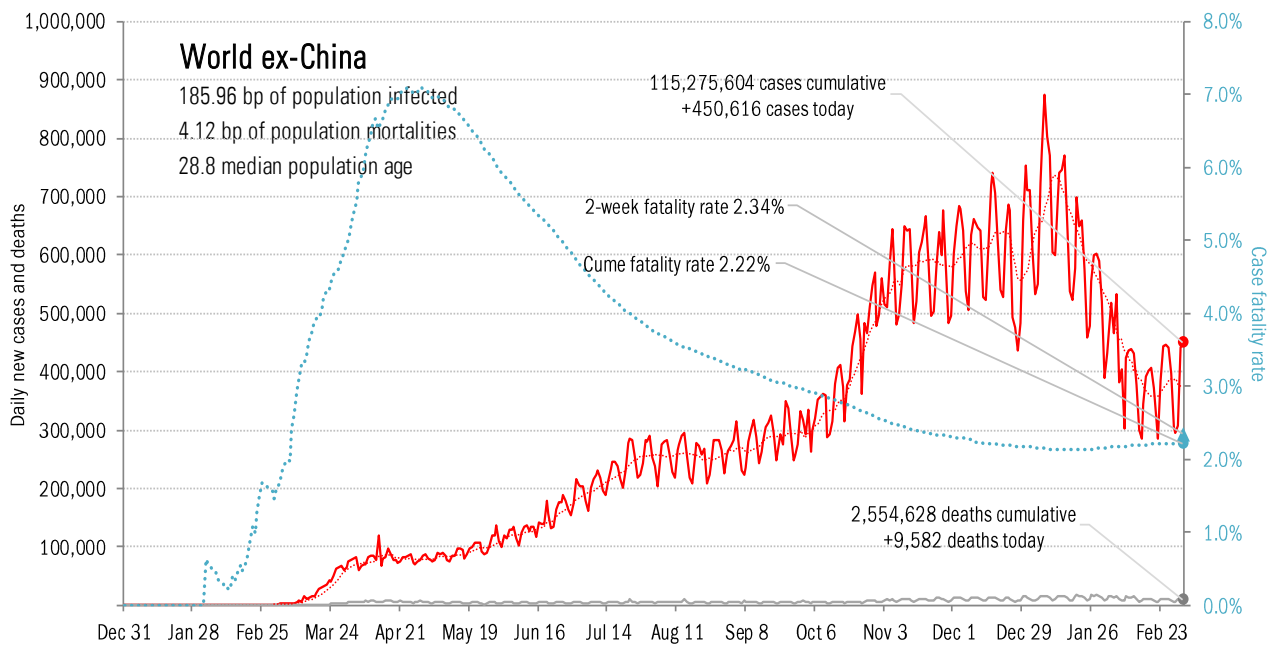
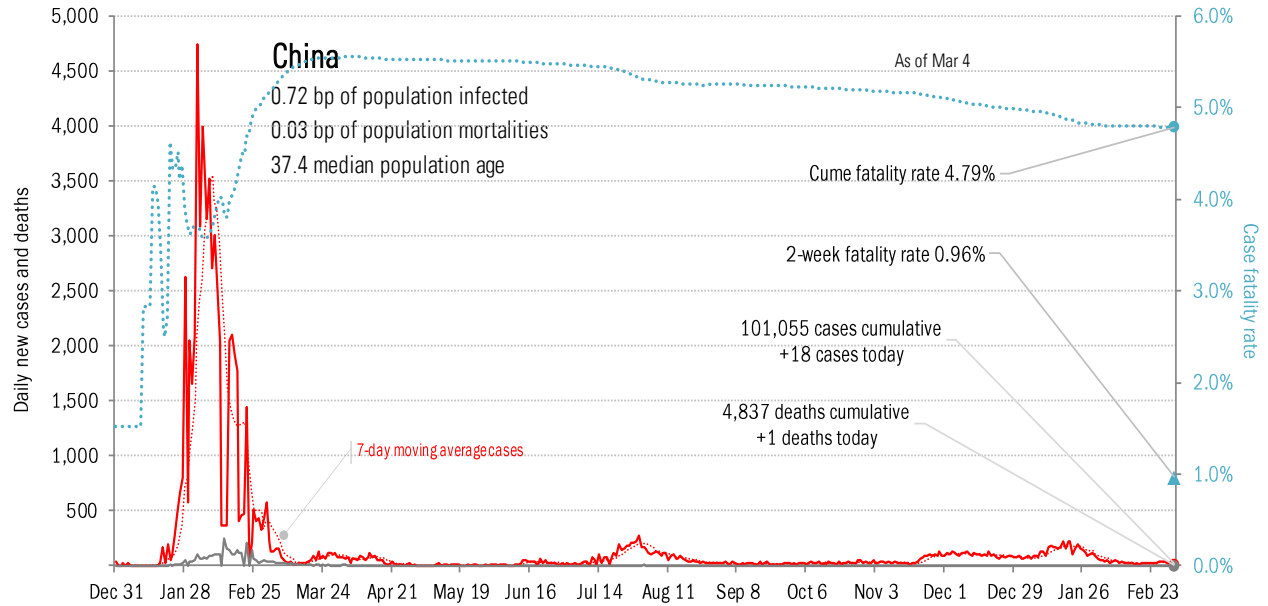
Source: [Covid Tracking Project](#), TrendMacro calculations

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



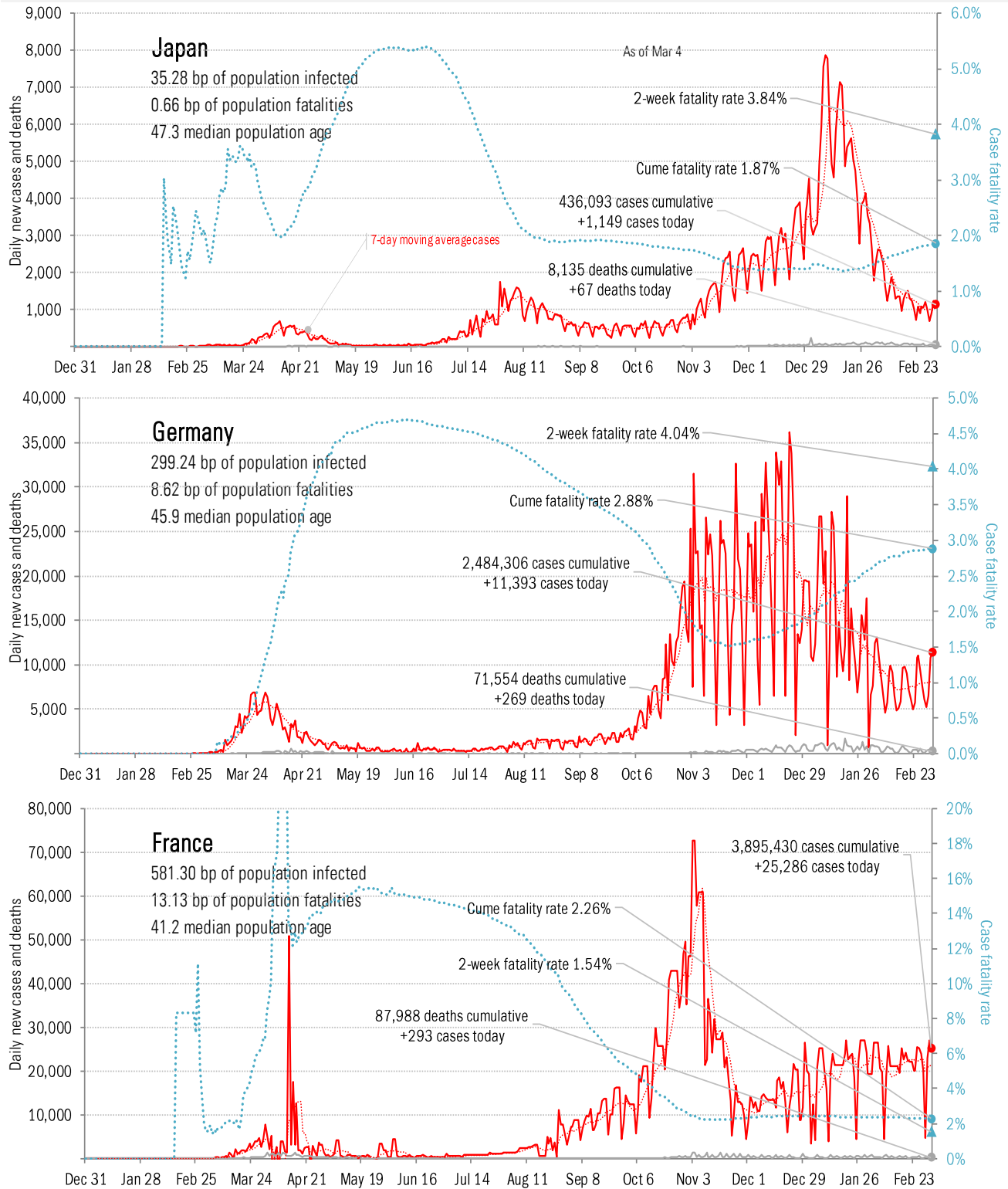
Source: [Covid Tracking Project](#), TrendMacro calculations

Patient zero... and then everyone else



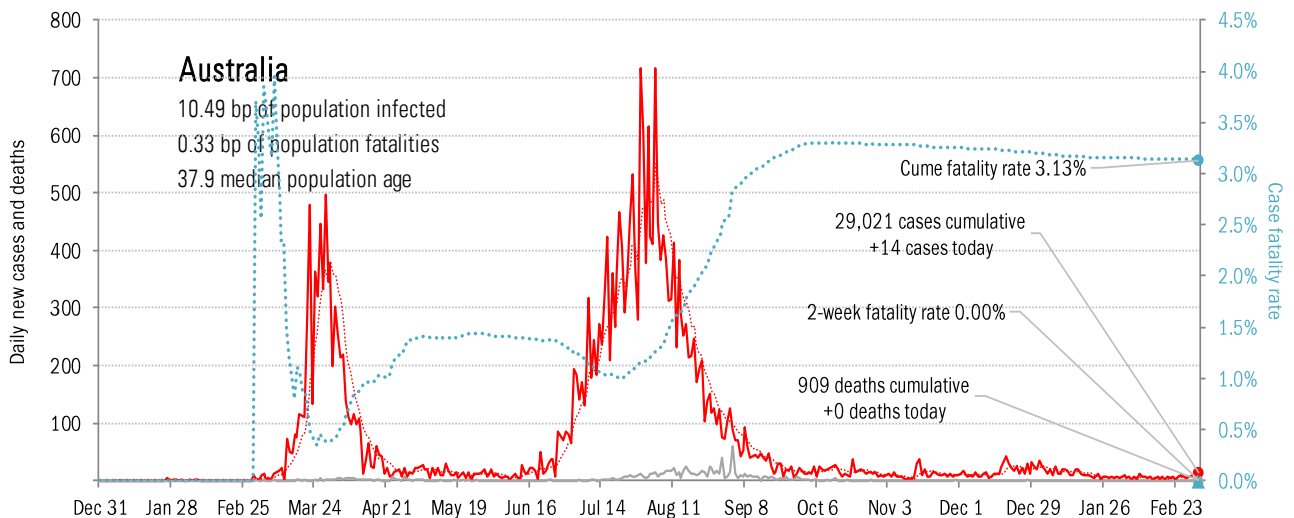
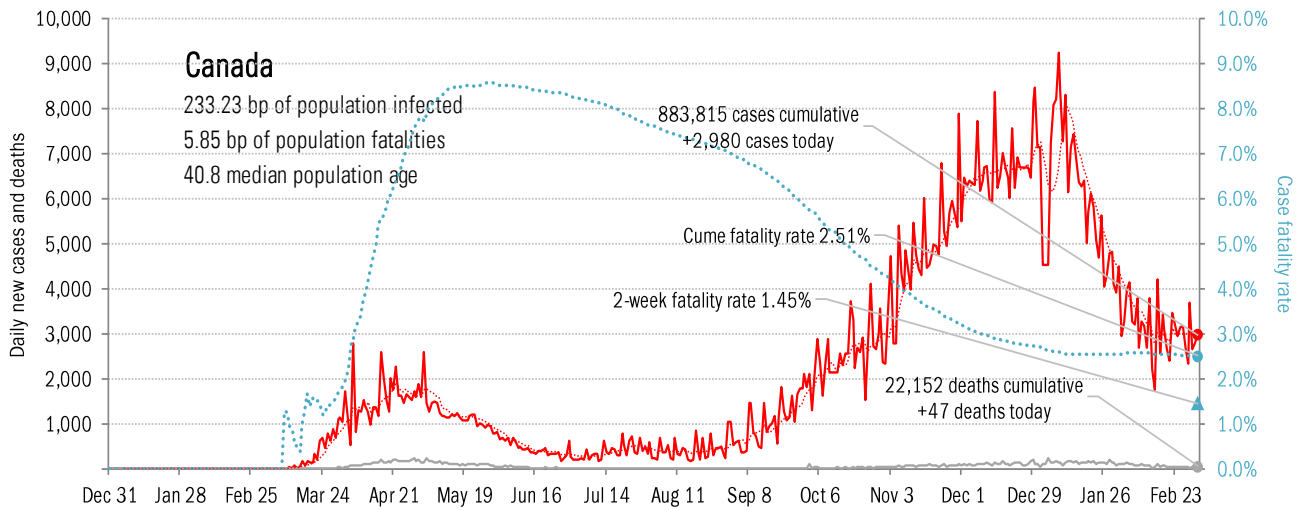
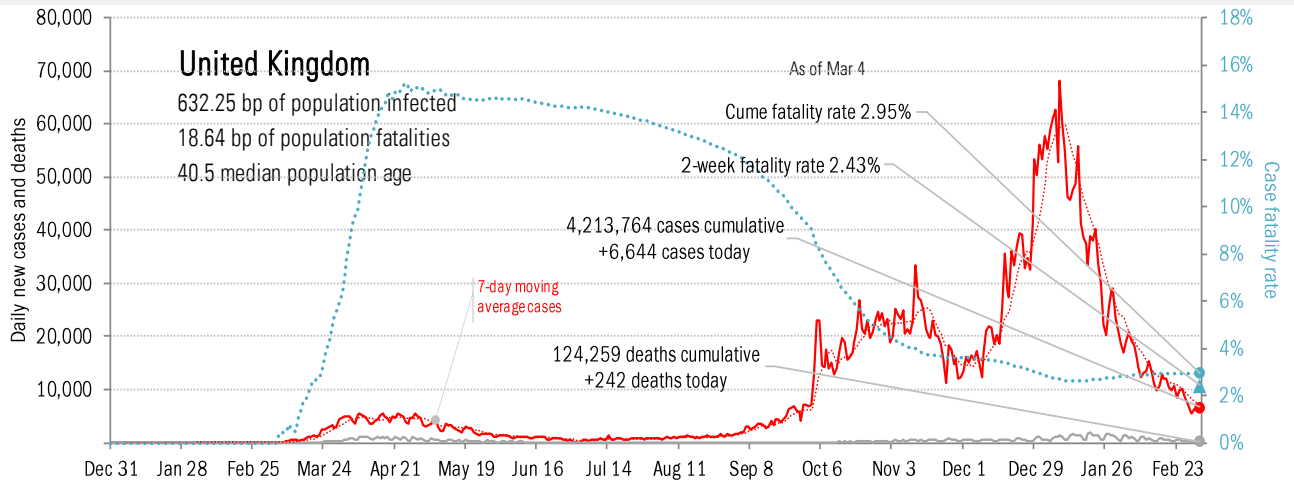
Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

Impact in the largest economies



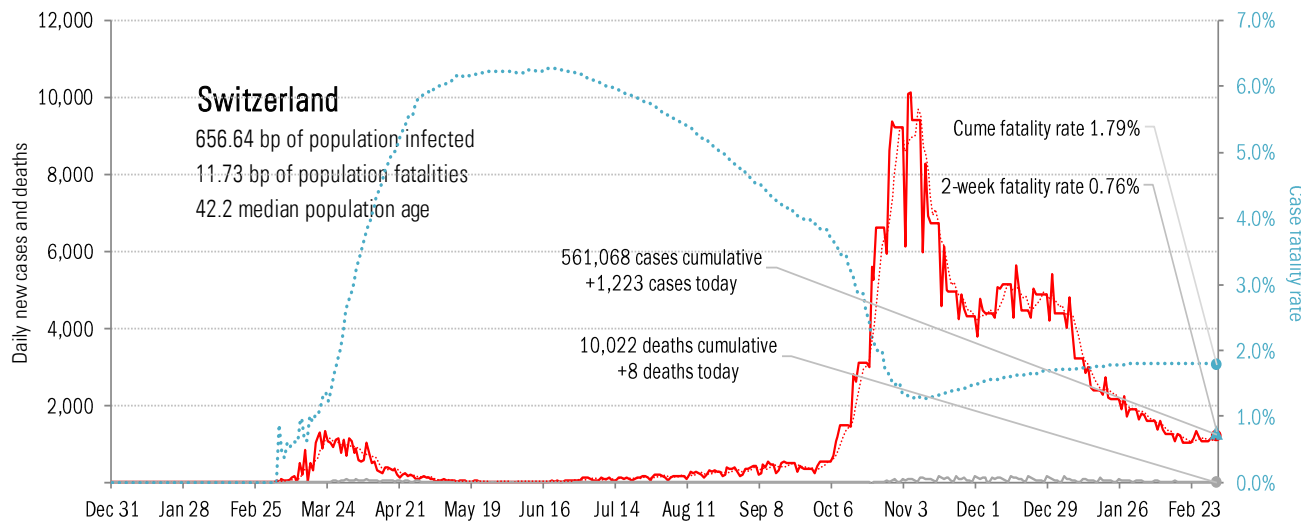
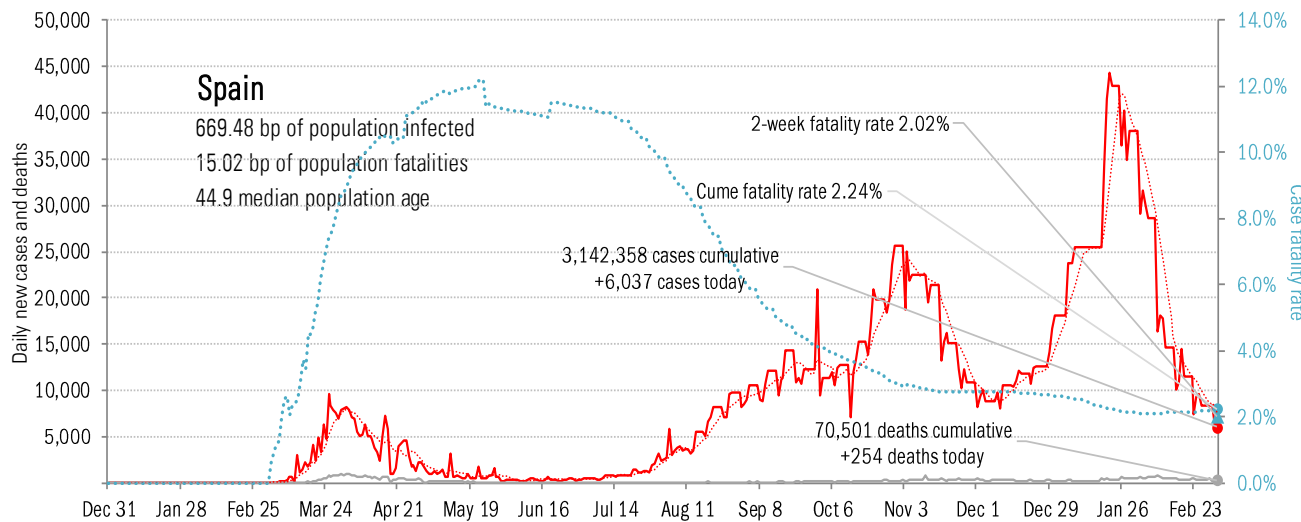
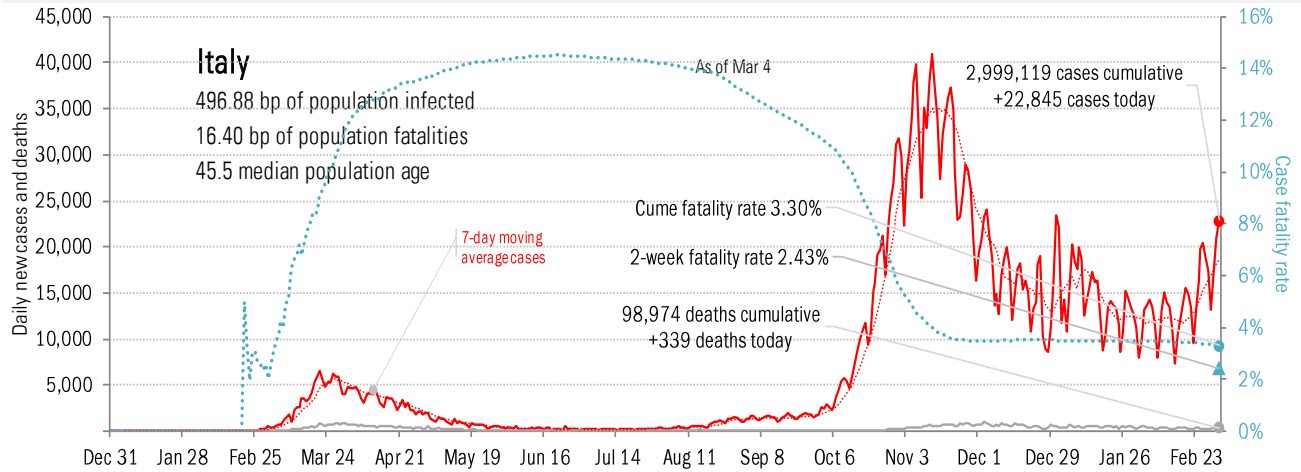
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



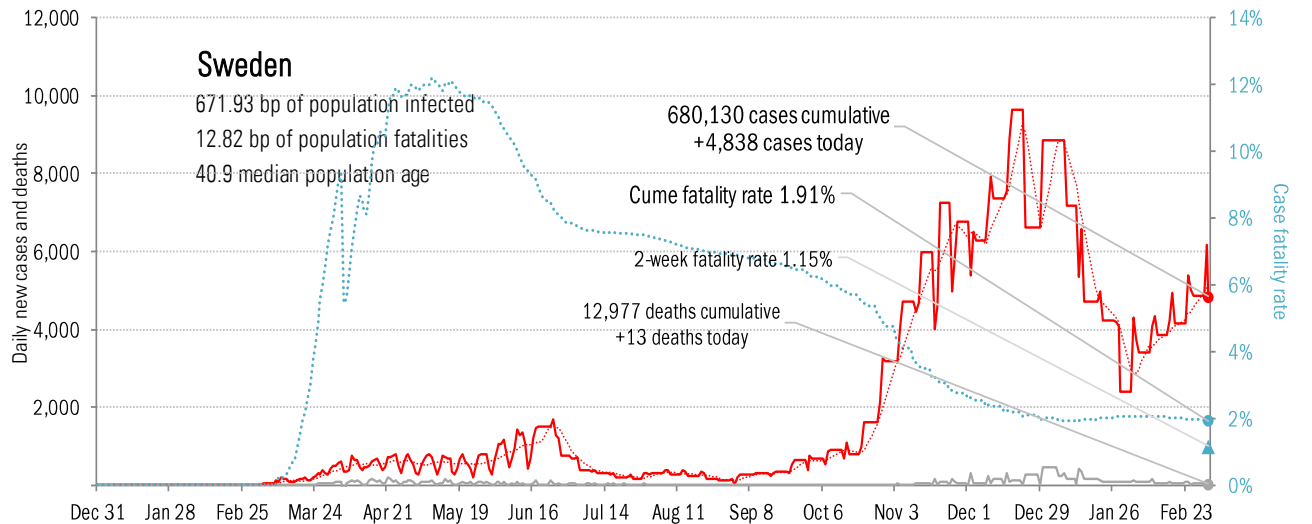
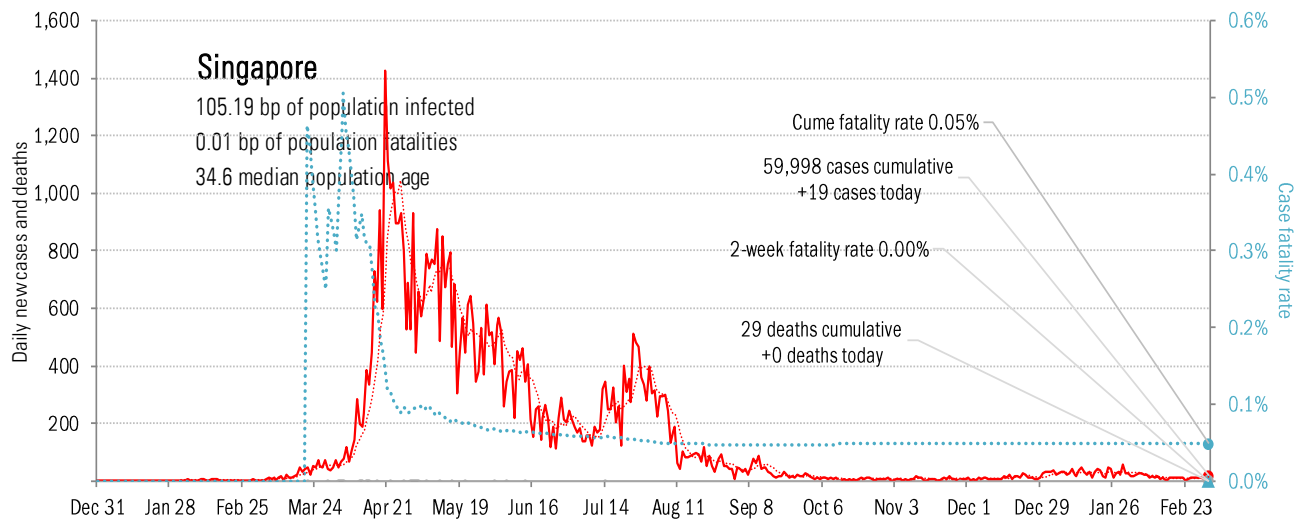
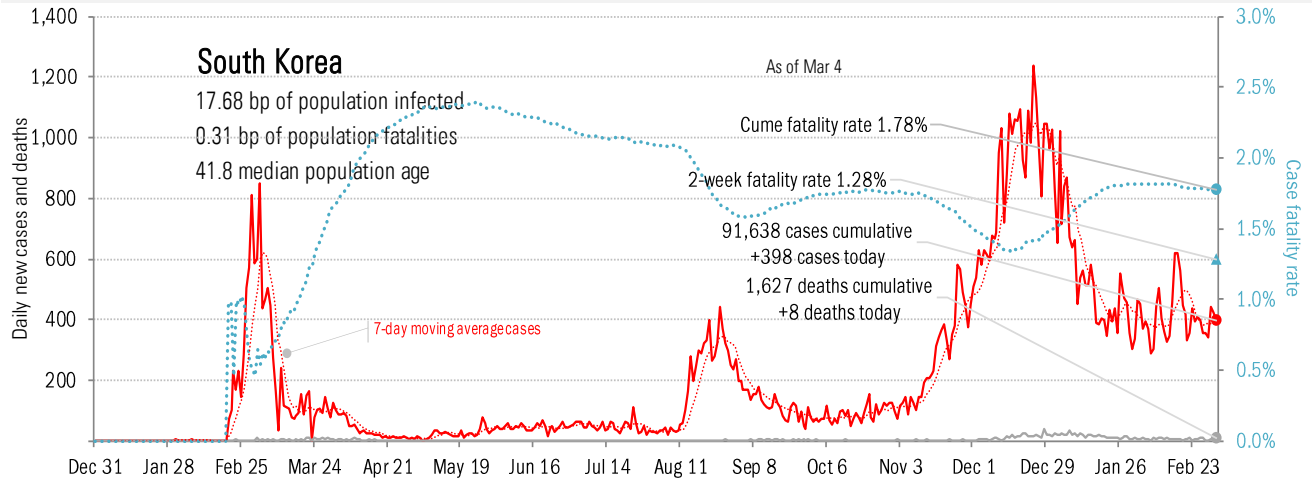
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



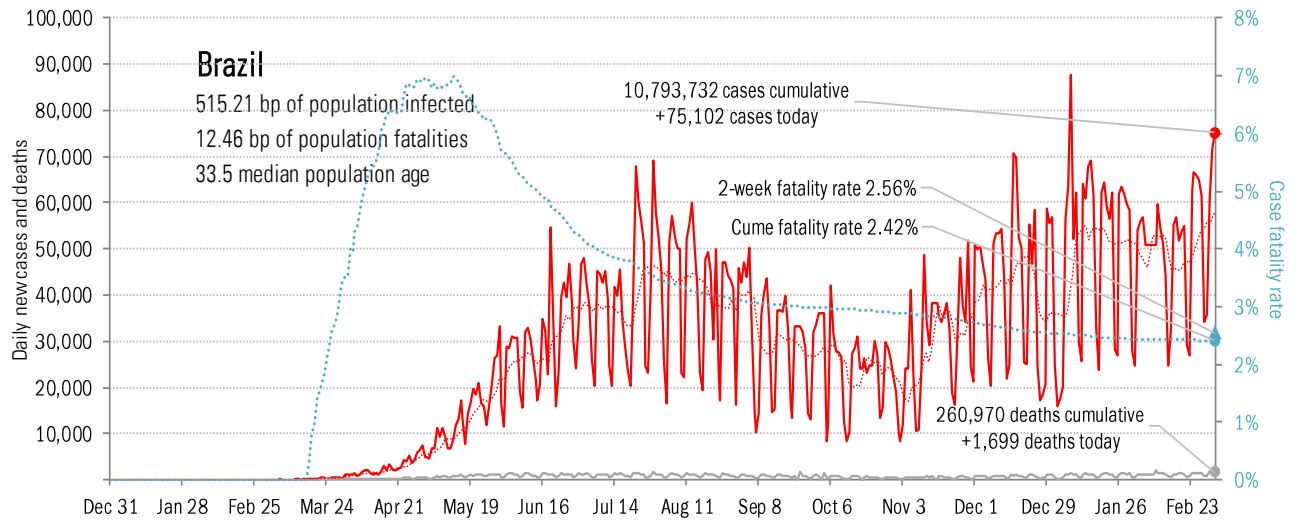
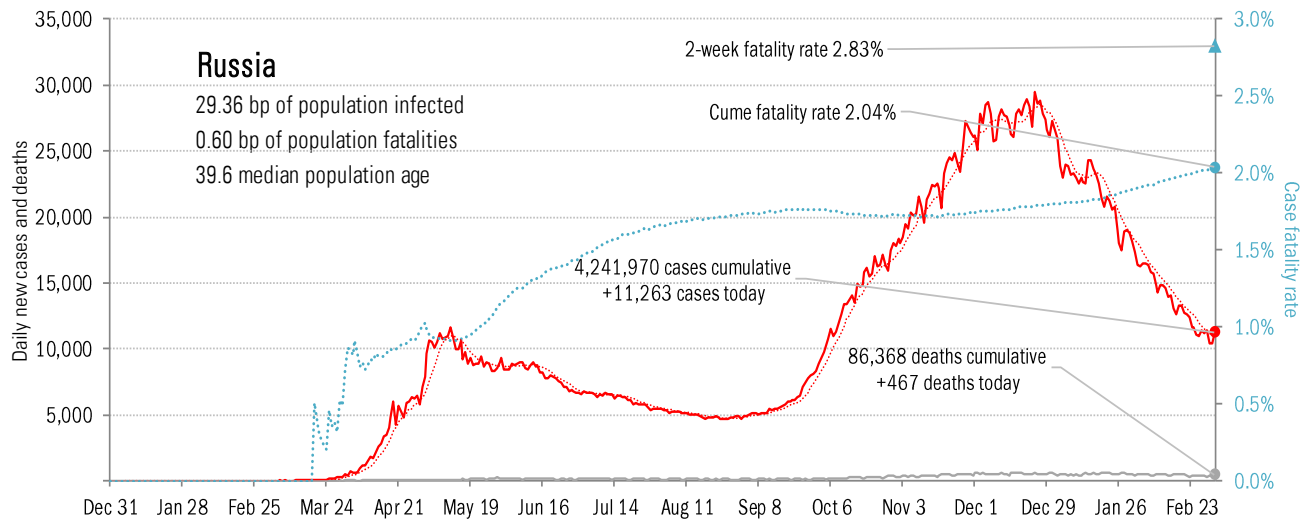
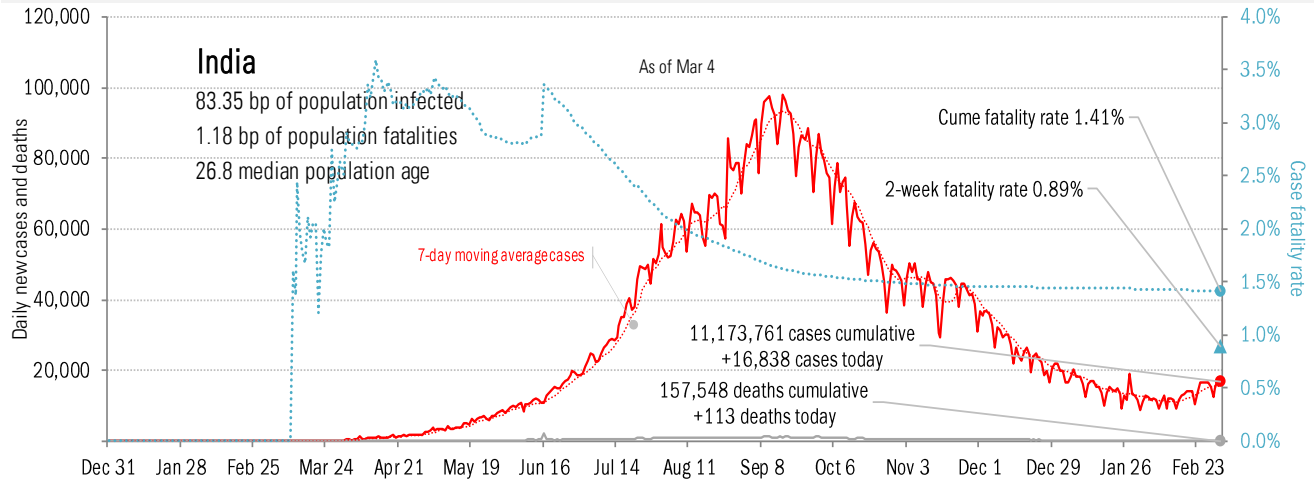
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



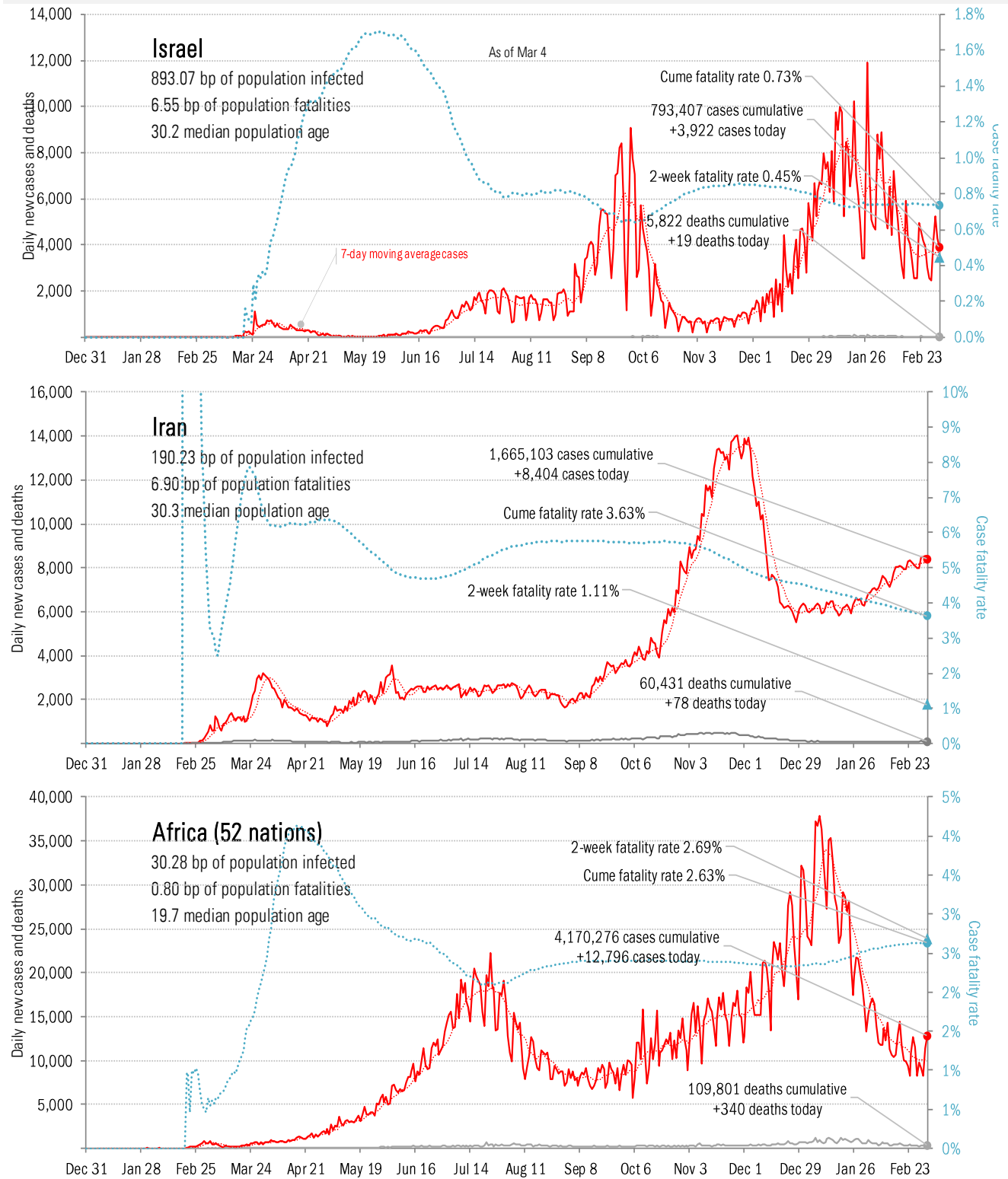
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



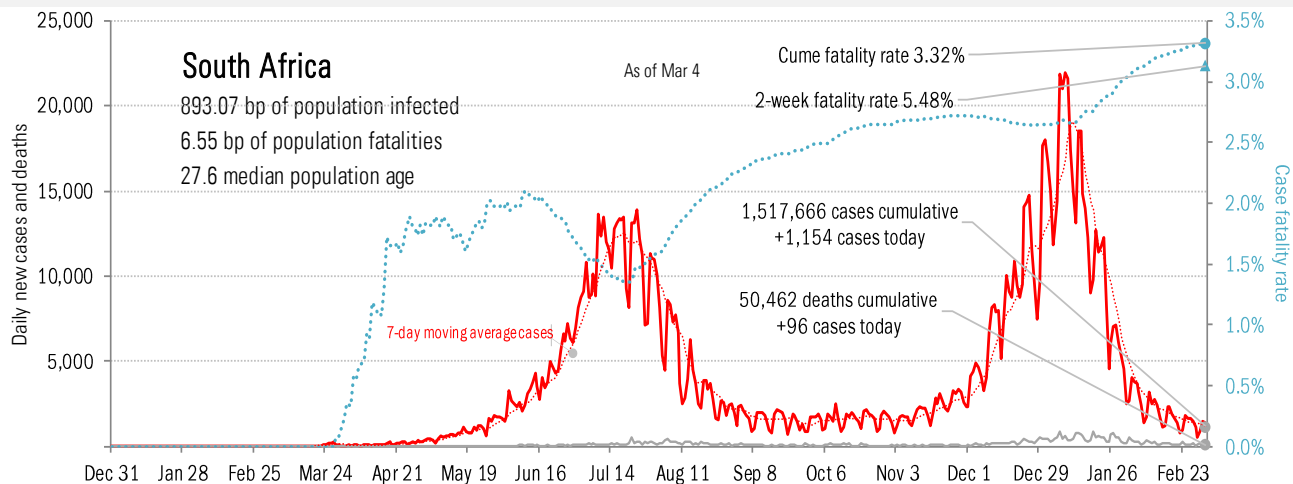
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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