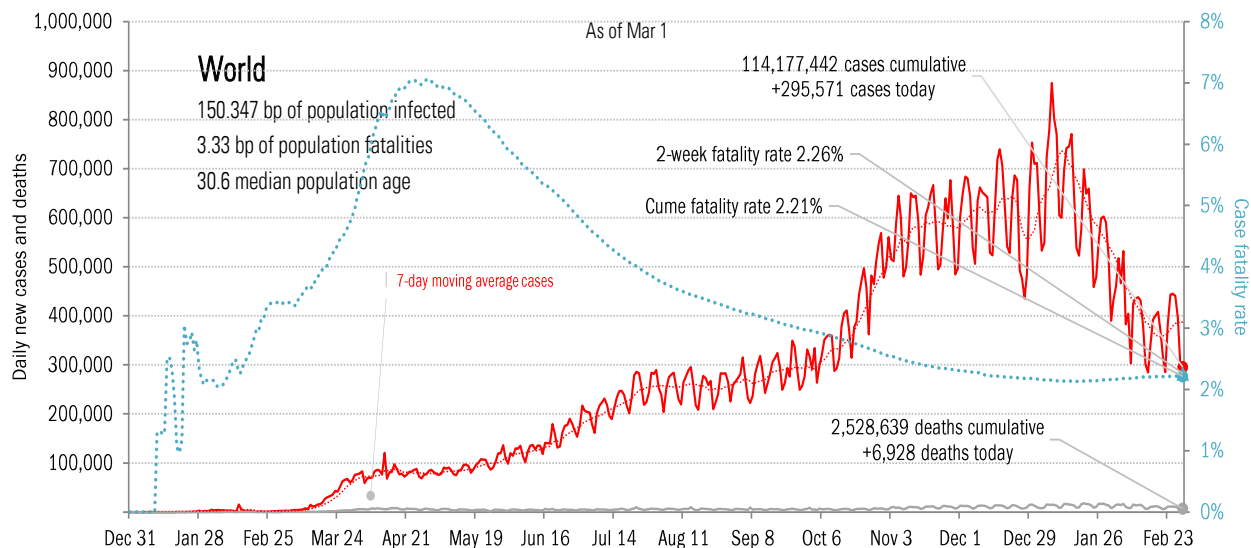
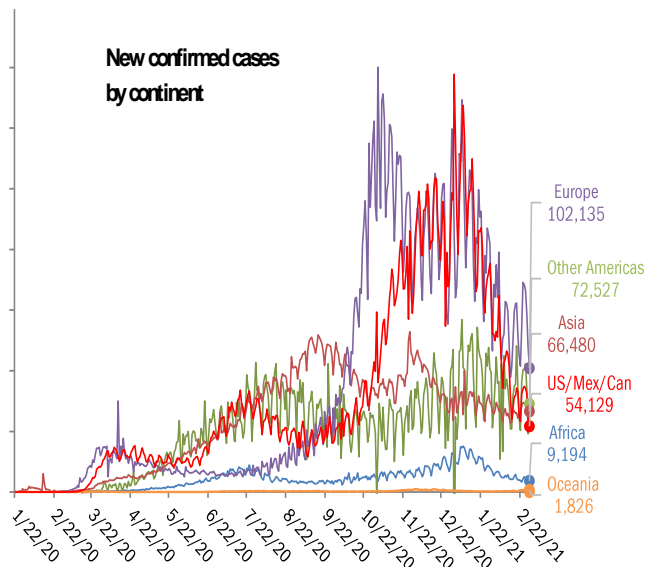


Data Insights: Covid-2019 Monitor

Tuesday, March 2, 2021

The global scorecard

The worst ten countries			
New cases		New Deaths	
United States	+48,092	United States	+1,241
Brazil	+35,742	Brazil	+778
Spain	+15,978	Spain	+467
Italy	+13,106	Mexico	+437
India	+12,286	France	+375
Russia	+11,450	Germany	+362
Turkey	+9,891	Russia	+325
Iran	+8,510	Italy	+246
Indonesia	+6,680	Peru	+195
Jordan	+6,068	Indonesia	+159
+167,803		+4,585	
World	+295,571	World	+6,928
Top ten	57%	Top ten	66%



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

For more information contact us:

Donald Luskin: 312 273 6766 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

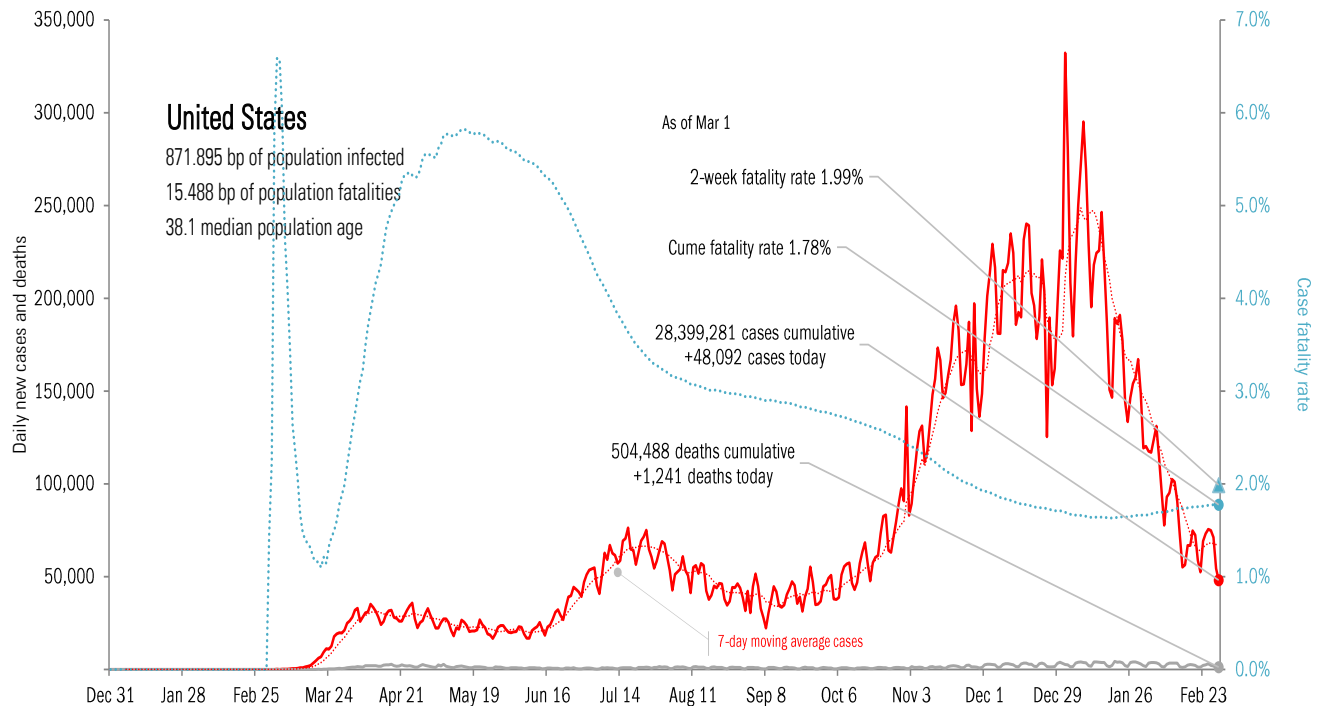
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
NY	+6,235		VA	+231		MI	+52		CA	3,479,078		CA	52,194		NY	89,995		R	88%	DC	84%
TX	+3,821		CA	+215		NY	+48		TX	2,647,845		TX	42,995		FL	80,659		CT	80%	DE	82%
NC	+3,622		FL	+150		MD	+36		FL	1,875,818		NY	38,577		NJ	63,777		MA	80%	GA	81%
CA	+3,516		GA	+81		CH	+32		NY	1,636,680		FL	31,556		AZ	57,589		MD	79%	TX	81%
NJ	+3,140		NY	+80		MA	+28		IL	1,187,839		PA	24,026		GA	56,089		MO	77%	AL	80%
CT	+2,680		TX	+59		CO	+23		GA	1,008,660		NJ	23,273		CH	50,382		DC	77%	MO	79%
GA	+2,139		OK	+50		IL	+23		CH	968,847		IL	22,759		AL	45,648		GA	77%	WV	78%
MI	+1,865		CH	+49		NJ	+16		PA	933,270		GA	17,376		IN	42,815		TX	75%	RI	78%
FL	+1,664		NC	+42		DE	+9		NC	862,170		CH	17,346		MD	35,069		FL	75%	MS	78%
PA	+1,628		SC	+32		UT	+8		AZ	817,821		MI	16,519		WI	26,158		PA	75%	OK	77%
+30,310			+989			+275			15,418,028			286,621			548,181						
All states	+48,092			+1,241			-614		All states	28,399,281			504,488			869,030		All states	70%		69%
Top ten	63%			80%			-45%		Top ten	54%			57%			63%		Median	68%		67%

Some states not reporting

Five most improved US states

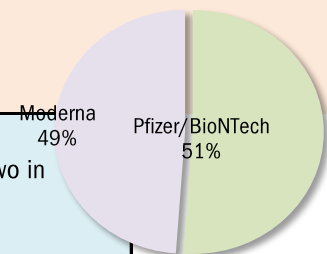
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
FL	-3,721	TX	-138	NC	-95	PA	+12,548
AR	-3,126	PA	-79	KS	-93	TX	+7,084
NY	-1,345	MA	-25	MO	-69	CH	+1,950
CA	-1,169	AZ	-14	CA	-42	NM	+1,433
LA	-1,104	MS	-12	AL	-41	WV	+954



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

Rolling out the vaccines in the US

US overall	Over last day
96.40 million doses distributed	+0.00 million/day
76.90 million doses administered	+1.66 million/day
50.73 million persons with one shot	+0.96 million/day
25.47 million persons with two shots	+0.69 million/day
7.15 million shots long-term care residents/staff	+0.04 million/day
79.8% of distributed doses administered	
15.3% of US pop 1 shot	7.7% 2 shots
100% of LTC 1 shot	55.1% 2 shots



At today's dosing pace,
every American will have two in
348 days
by Feb 12, 2022
US will achieve herd immunity in
156 days
by Aug 4, 2021

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

AK
46.8%
23.0%
13.7%

ME
31.0%
17.0%
8.1%

WI
27.3%
16.7%
8.9%

VT
33.2%
17.2%
9.1%

NH
30.3%
17.4%
7.4%

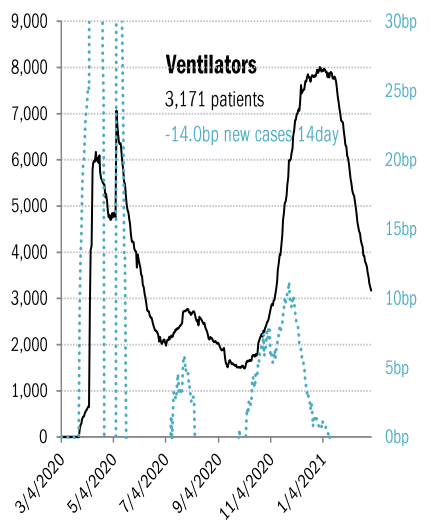
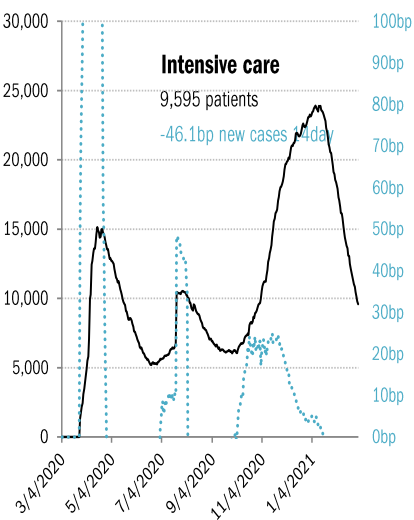
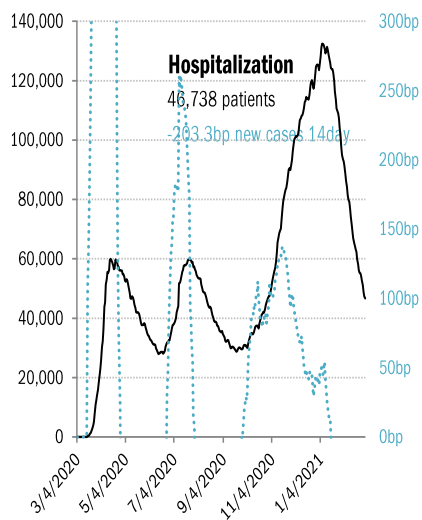
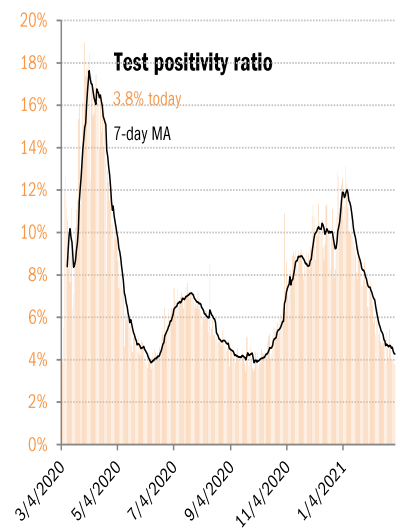
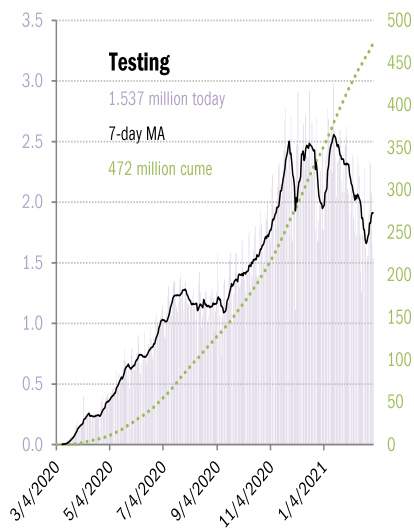
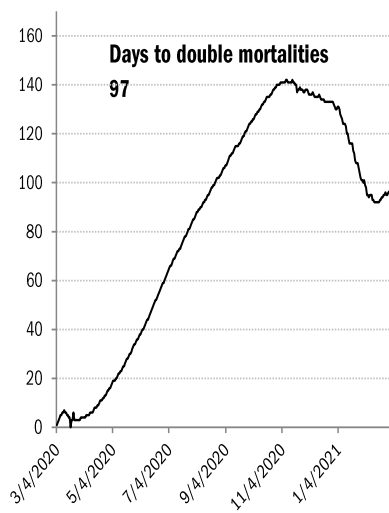
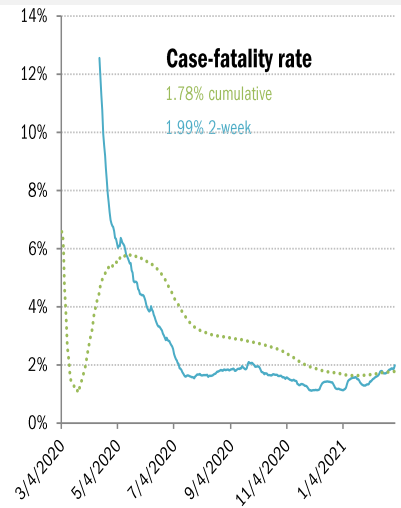
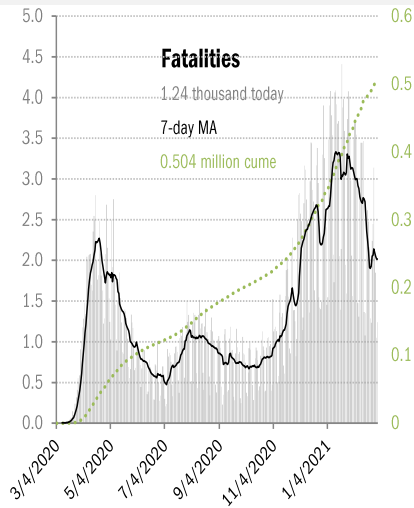
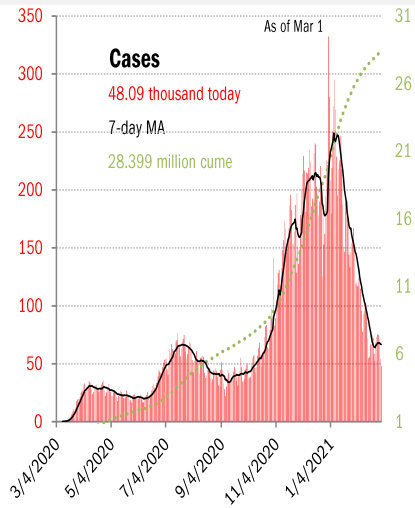
WA 29.5% 15.3% 8.2%	ID 27.2% 14.7% 7.5%	MT 32.0% 17.9% 8.8%	ND 32.4% 19.6% 10.4%	MN 28.4% 17.1% 8.3%	IL 28.2% 16.1% 6.7%	MI 27.1% 15.2% 8.6%	NY 29.6% 14.3% 7.6%	MA 30.3% 18.3% 7.6%		
OR 29.4% 15.4% 8.6%	NV 28.2% 14.9% 7.7%	WY 33.8% 17.3% 9.4%	SD 37.2% 21.1% 10.8%	IA 28.6% 17.3% 6.0%	IN 27.5% 15.1% 8.6%	OH 28.2% 14.7% 7.9%	PA 30.6% 15.3% 6.8%	NJ 28.2% 16.3% 8.2%	CT 33.6% 20.0% 8.6%	RI 29.1% 18.1% 7.3%
CA 29.3% 15.9% 6.9%	UT 25.6% 12.2% 5.6%	CO 29.5% 16.1% 8.3%	NE 31.2% 16.1% 8.3%	MO 27.6% 14.1% 7.2%	KY 29.5% 16.0% 8.0%	WV 33.8% 17.8% 11.5%	VA 29.7% 16.2% 8.7%	MD 30.4% 15.0% 8.3%	DE 30.0% 15.0% 7.6%	
AZ 29.5% 17.1% 7.6%	NM 35.2% 22.4% 11.9%	KS 29.8% 15.1% 7.3%	AR 29.6% 14.1% 7.7%	TN 28.8% 13.2% 6.9%	NC 28.5% 15.4% 8.3%	SC 26.0% 14.7% 6.9%	DC 40.3% 12.0% 5.8%			
OK 35.4% 17.8% 10.1%	LA 28.6% 14.6% 8.2%	MS 29.2% 14.2% 7.4%	AL 28.6% 13.3% 6.4%	GA 27.1% 11.9% 7.0%						
HI 35.2% 17.7% 10.0%	TX 26.3% 12.2% 6.2%	FL 29.4% 14.7% 8.2%	PR 32.5% 11.2% 6.1%							

As of Mar 1

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

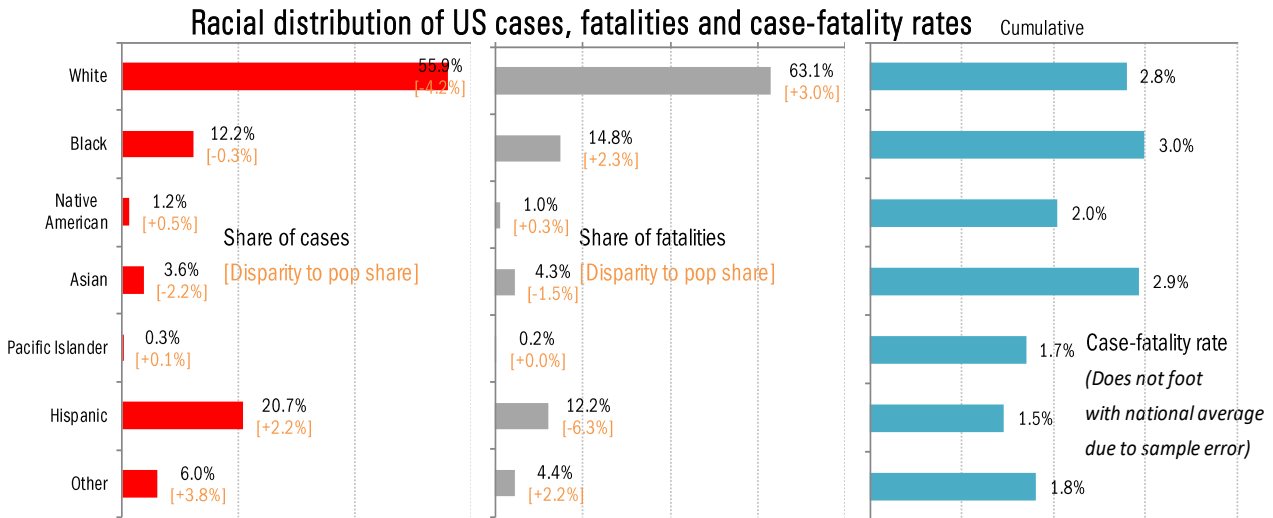
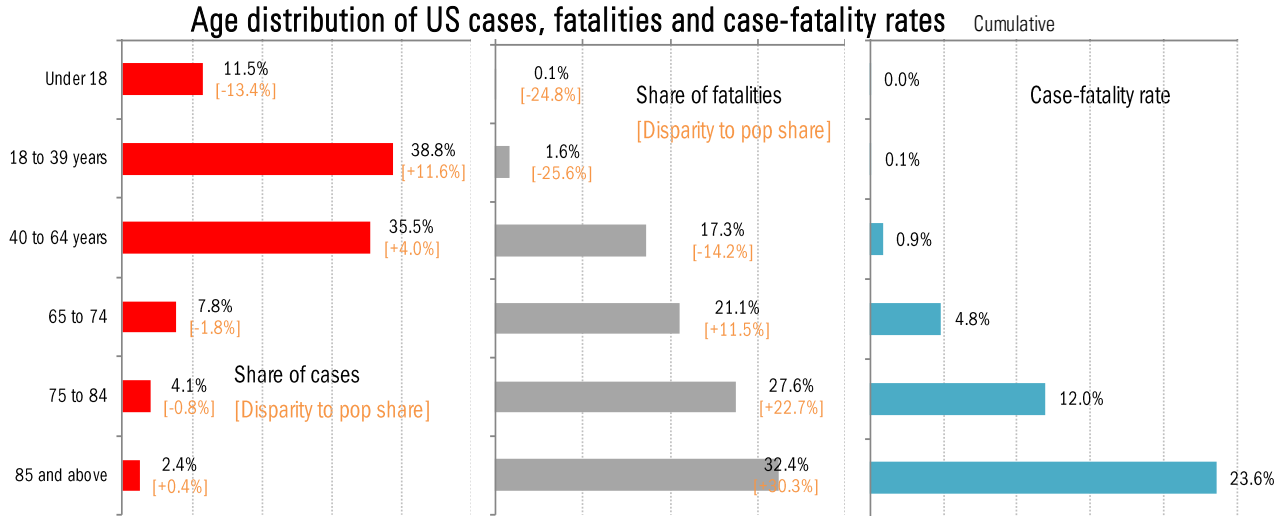
US deep-dive

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

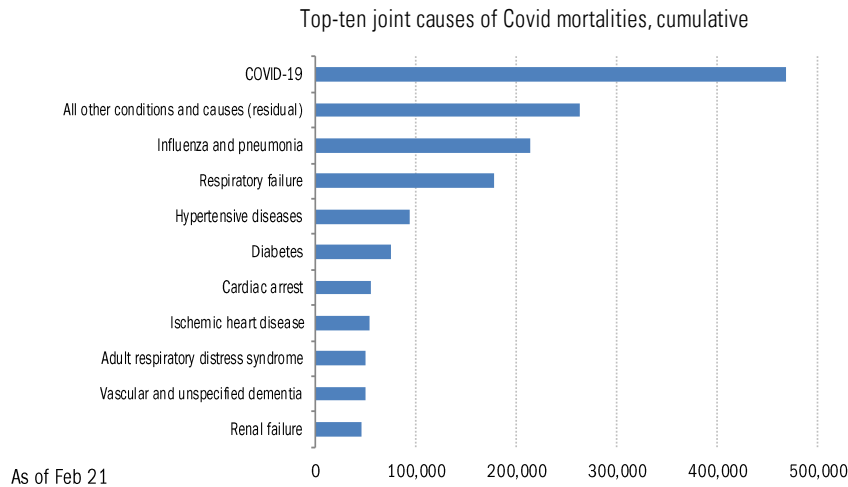


Source: [Covid Tracking Project](#), TrendMacro calculations

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

[A Year After New York's First Covid-19 Case, Cuomo Lies Low](#)

Amanda Rosa
New York Times
March 2, 2021

[Biden administration officials tried to tamp down expectations for supplies of the Johnson & Johnson vaccine.](#)

Sharon LaFraniere
New York Times
February 28, 2021

[Cuomo Accused of Unwanted Advance at a Wedding: 'Can I Kiss You?'](#)

Matt Flegenheimer and Jesse McKinley
New York Times
March 1, 2021

[Virus Did Not Bring Financial Rout That Many States Feared](#)

Mary Williams Walsh
New York Times
March 1, 2021

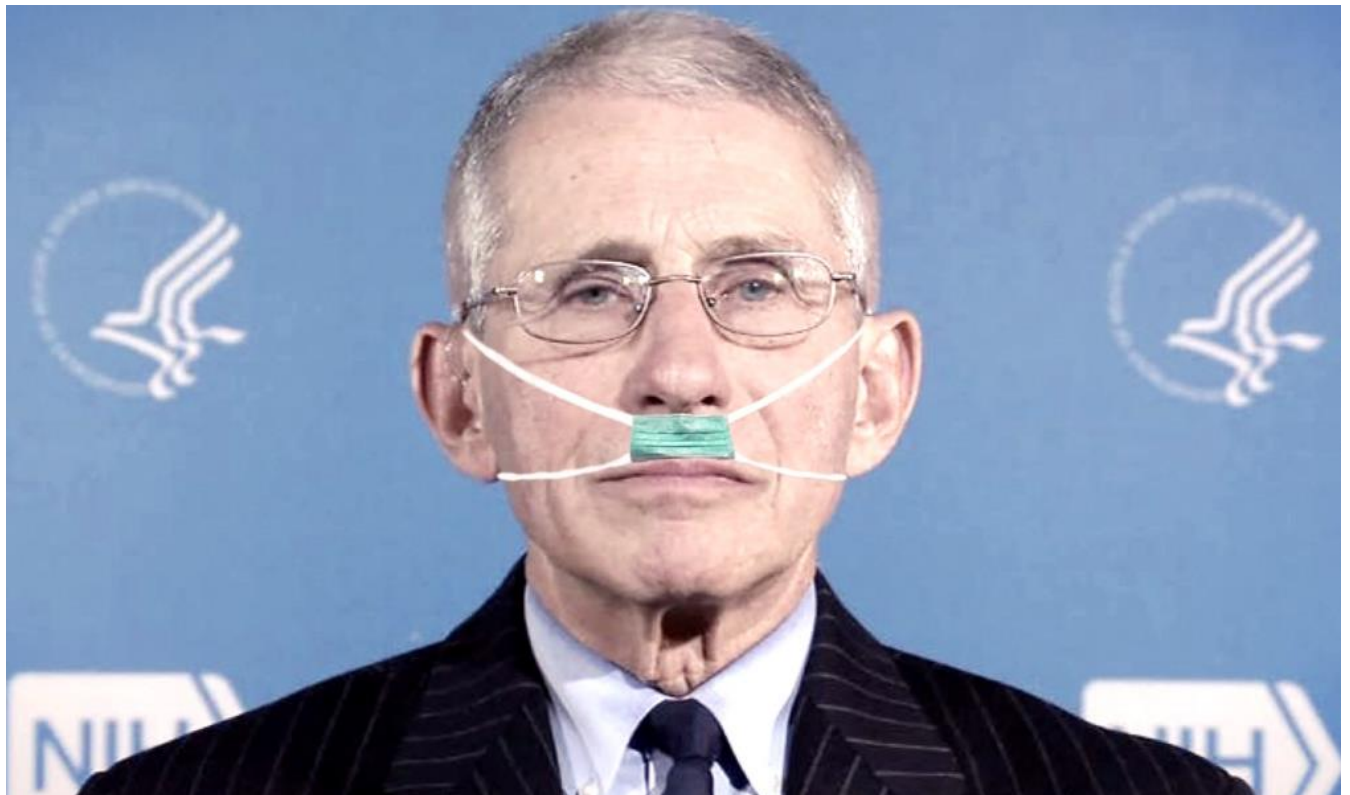
[Hospitalization Flare-Ups Are Reminders That Pandemic Isn't Over](#)

Jonathan Levin
Bloomberg
March 1, 2021

[Michigan GOP Lawmakers Demand Investigations Into Whitmer's Handling Of Nursing Homes As Cuomo Scandal Unfolds](#)

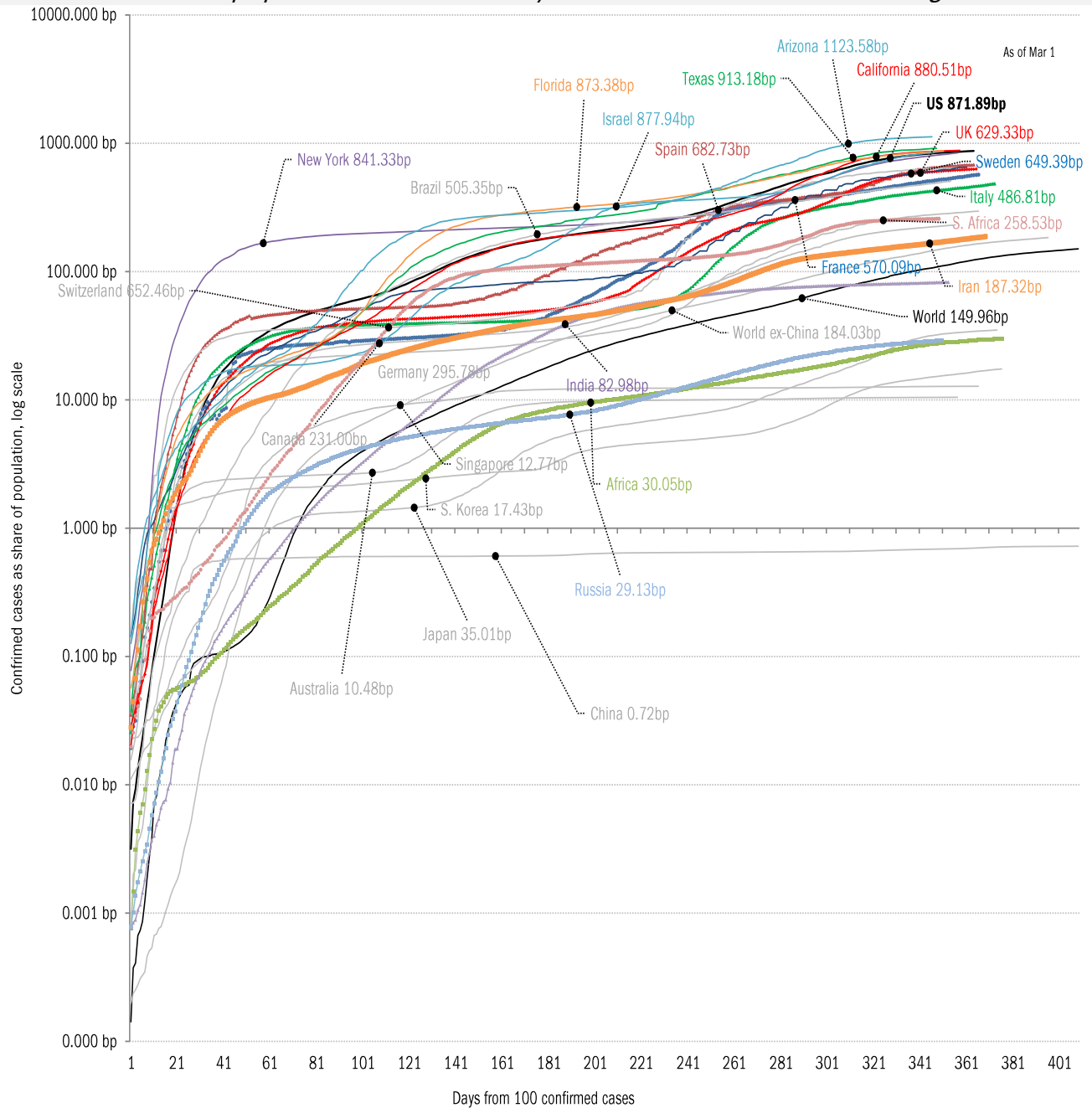
Andrew Kerr
Daily Caller
February 25, 2021

Meme of day



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

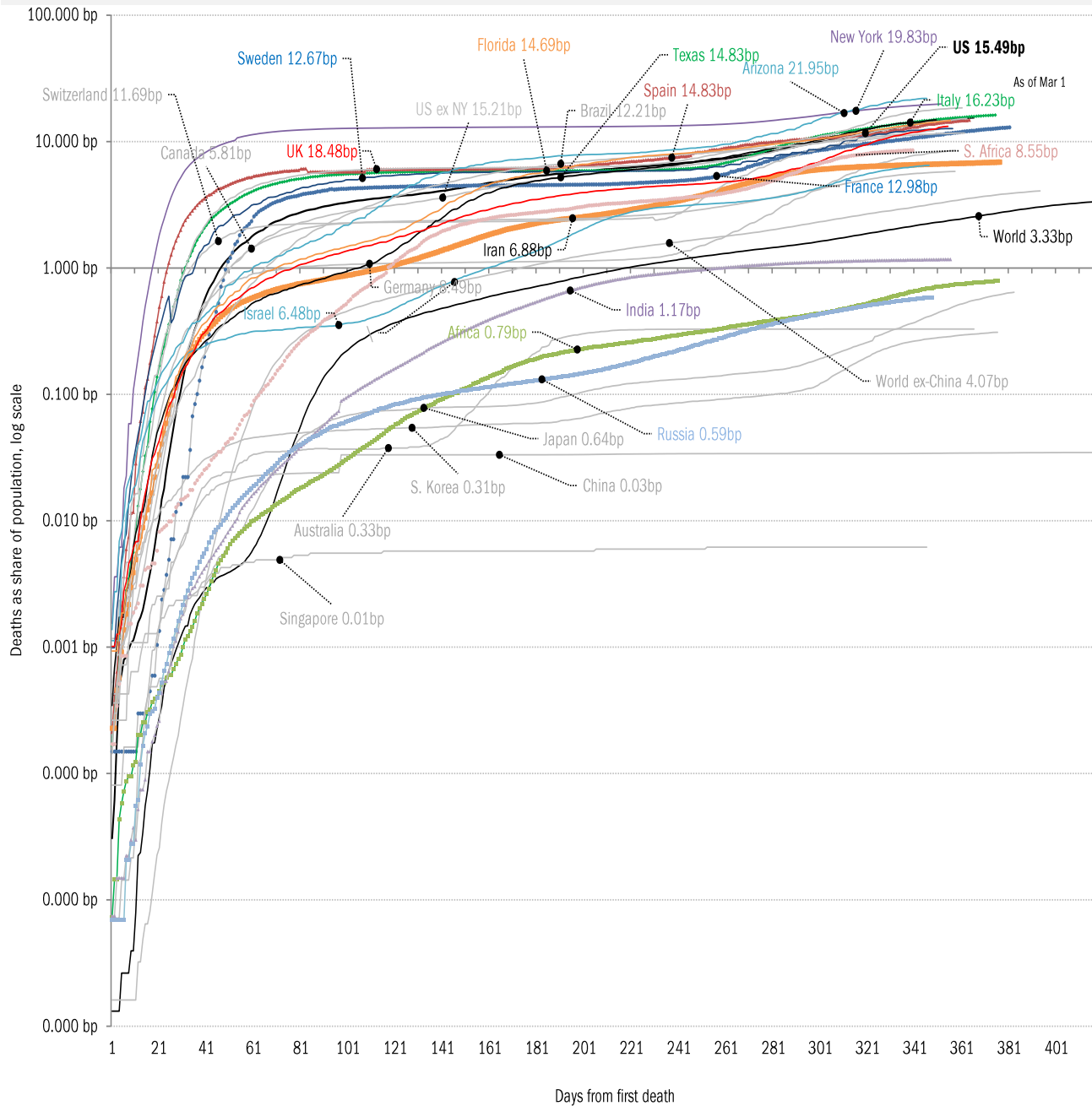
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

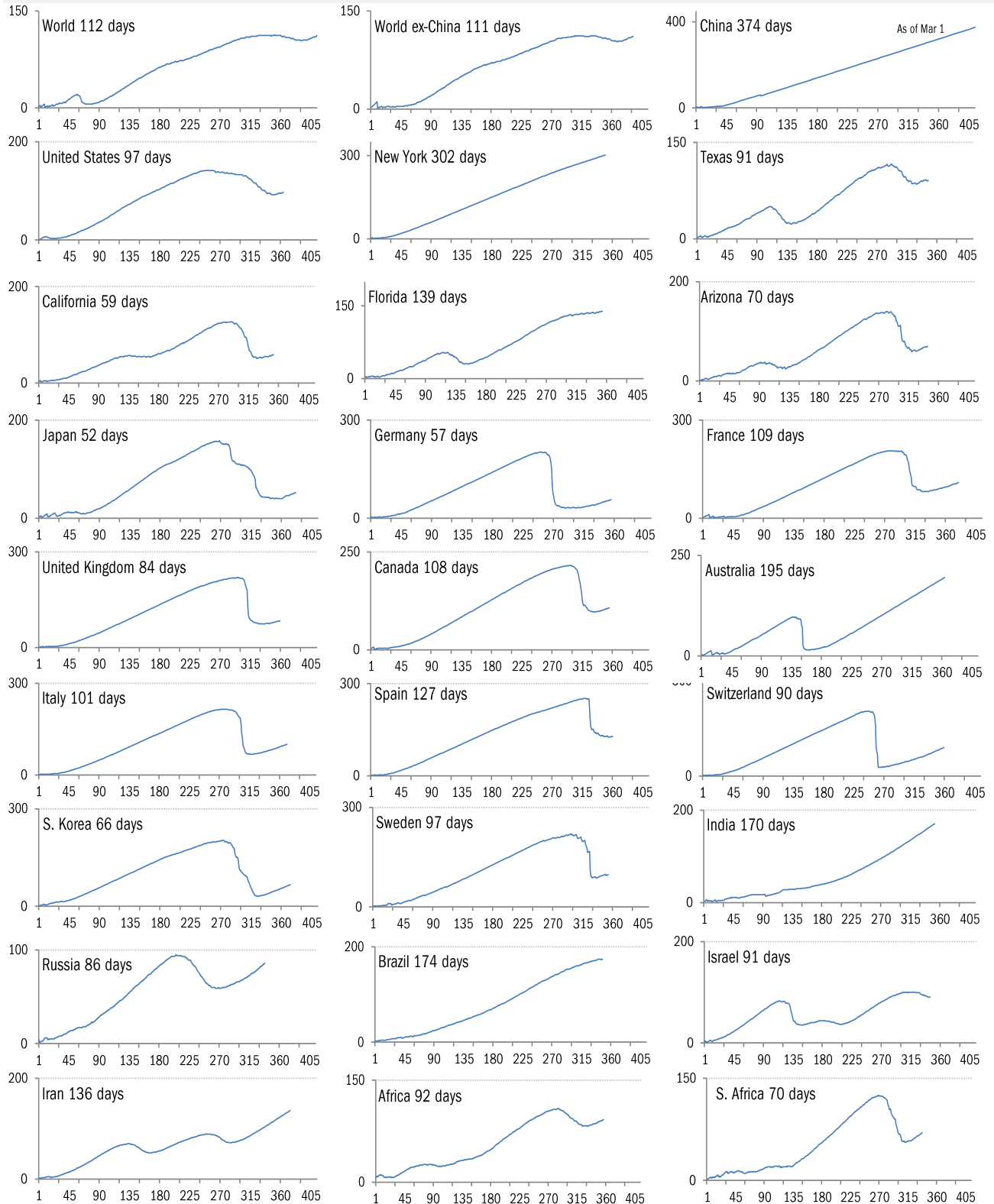


Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

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

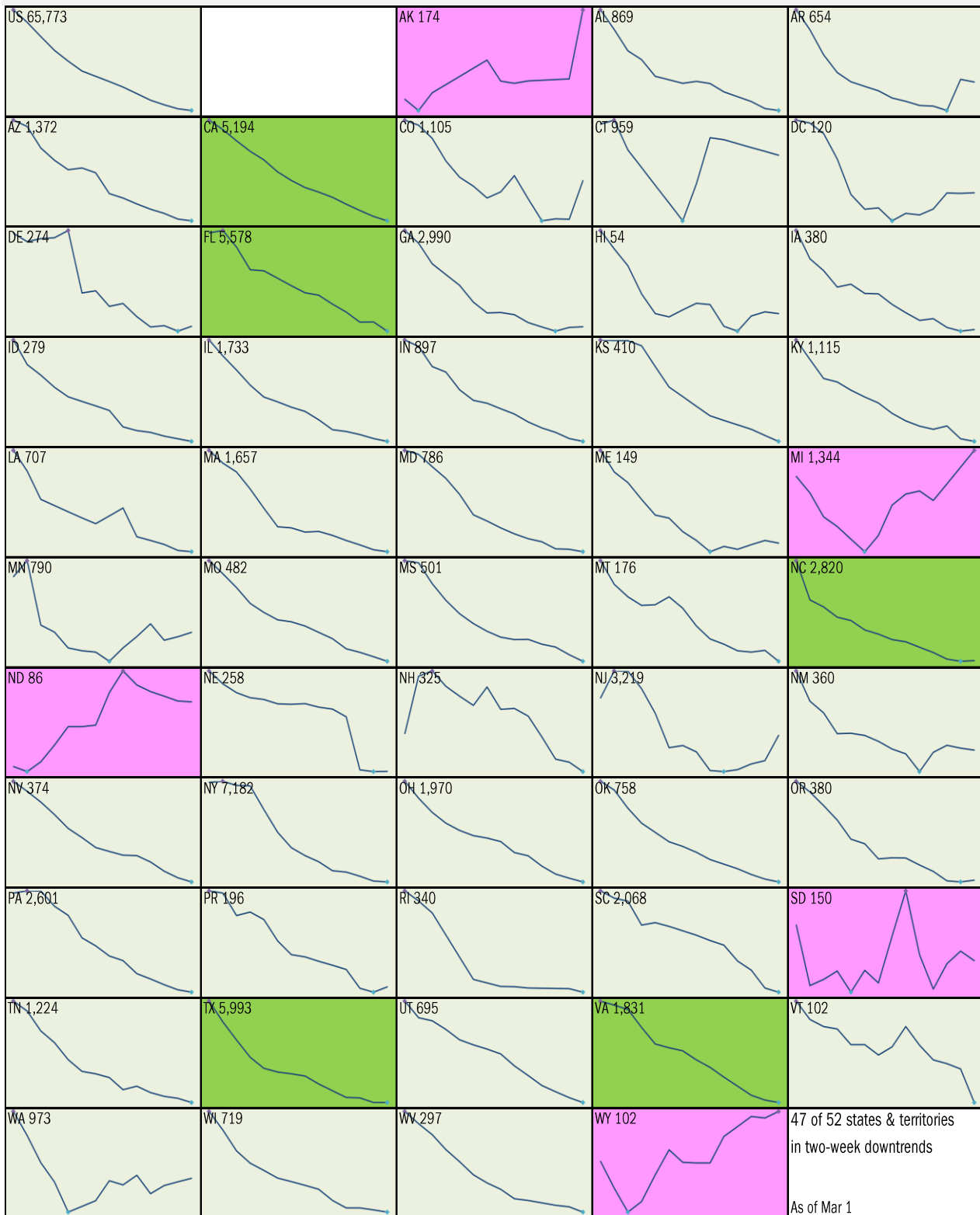
Vertical: days to double deaths Horizontal: days from first death

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

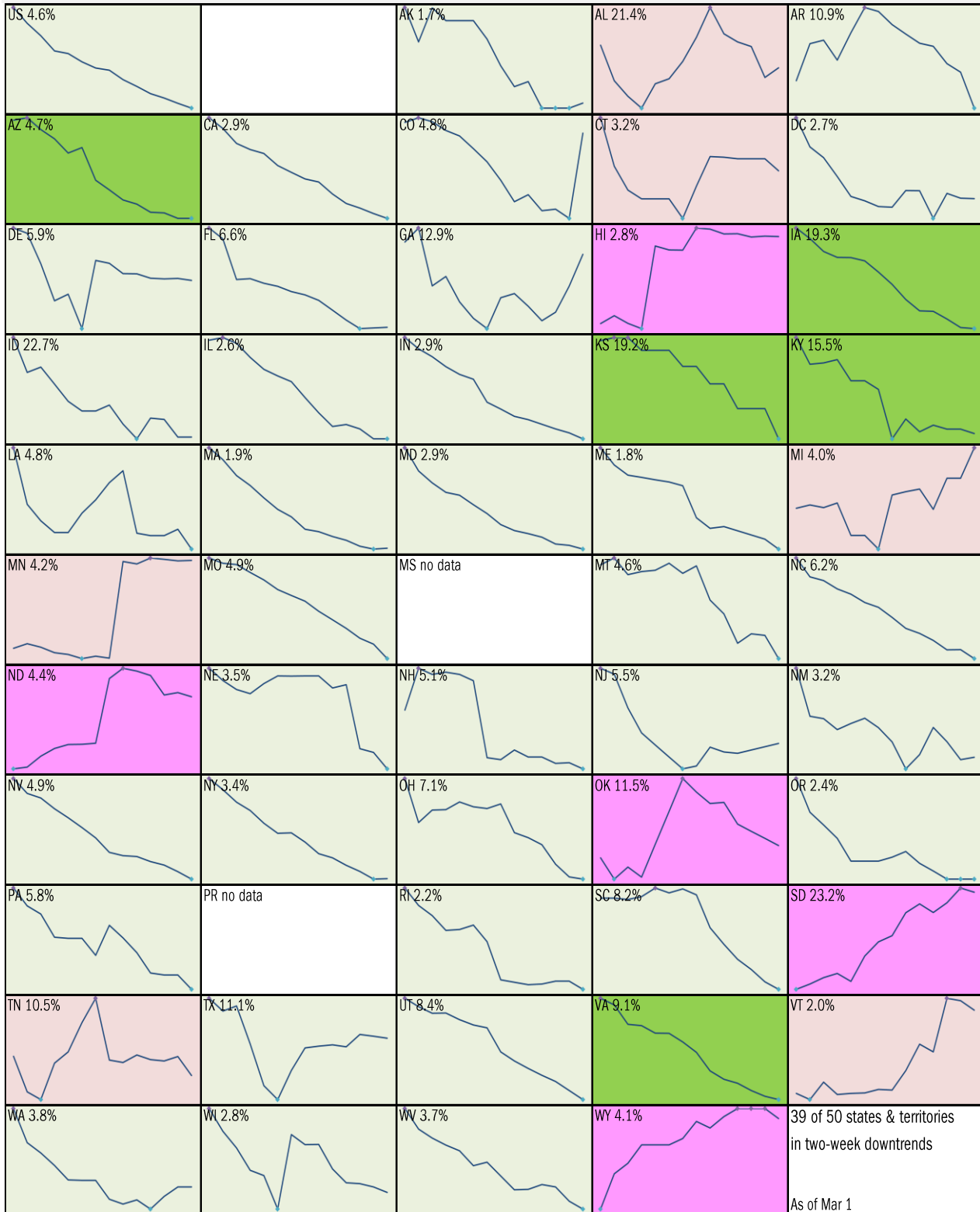


Source: [Covid Tracking Project](#), TrendMacro calculations

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

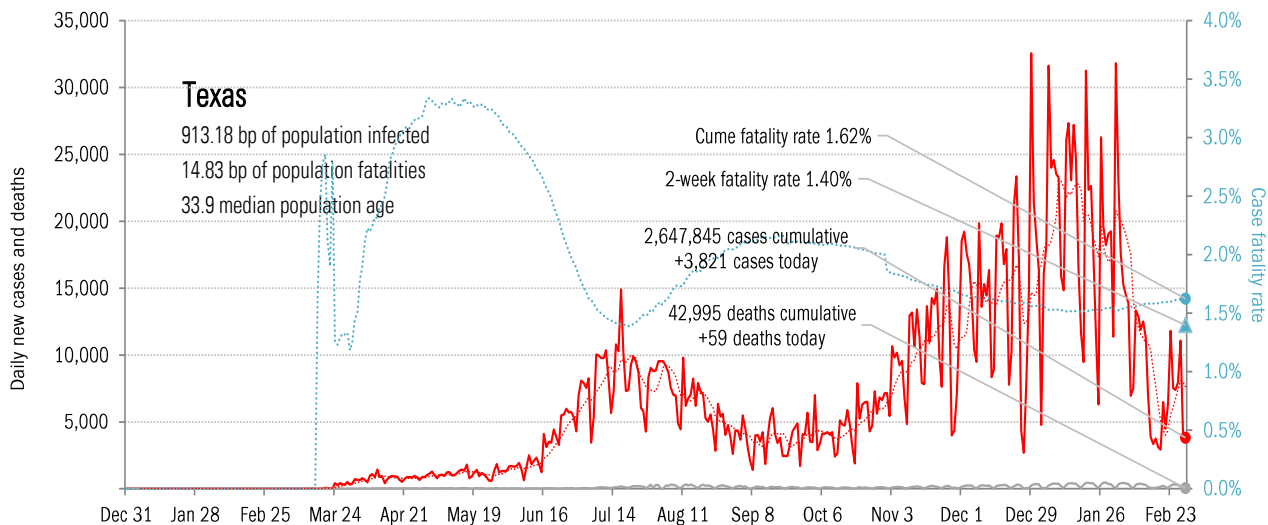
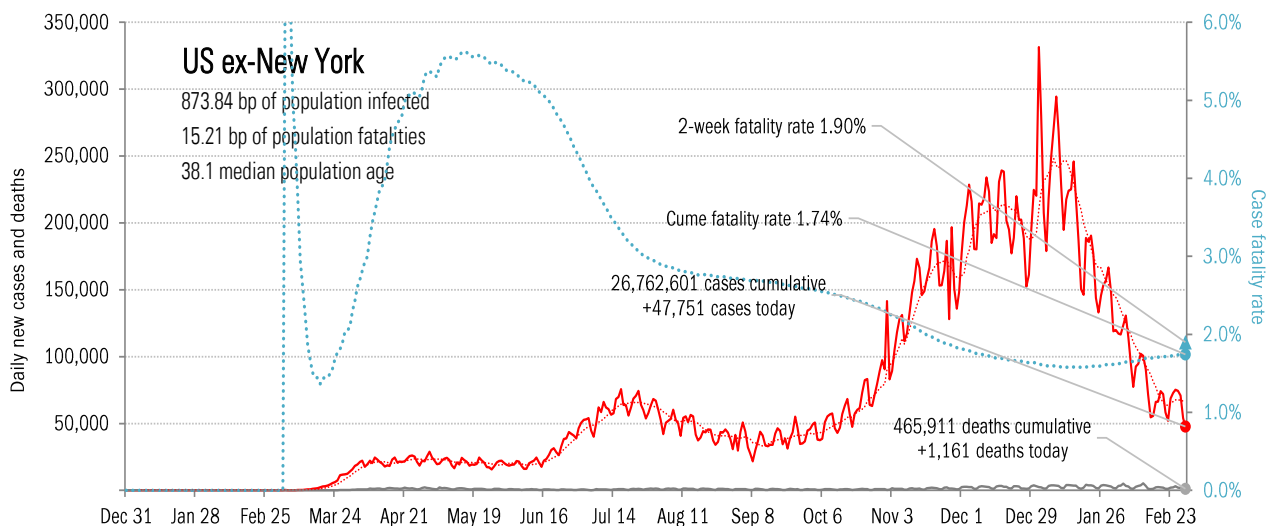
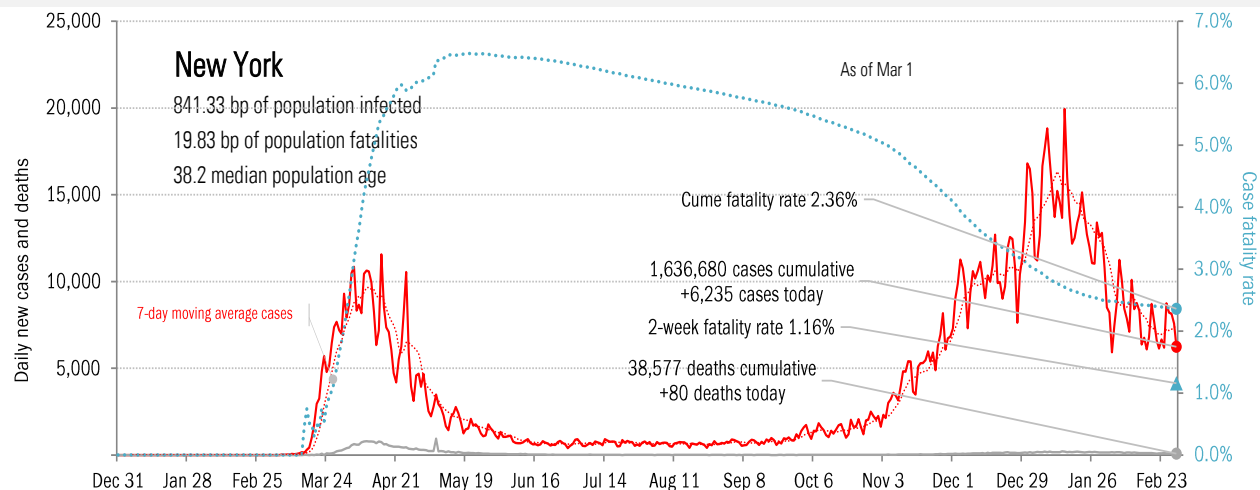
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



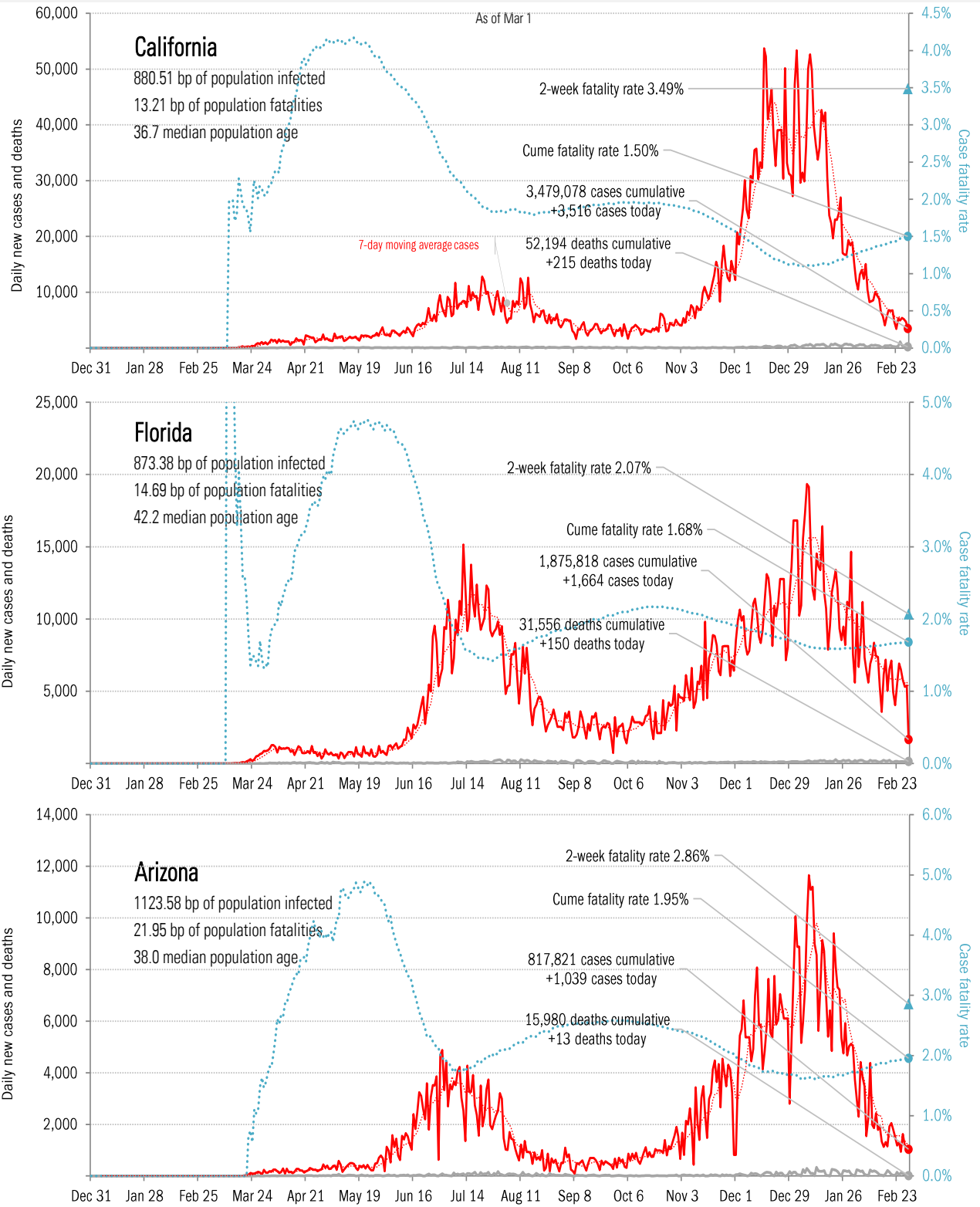
Source: [Covid Tracking Project](#), TrendMacro calculations

From Ground Zero to the Rio Grande



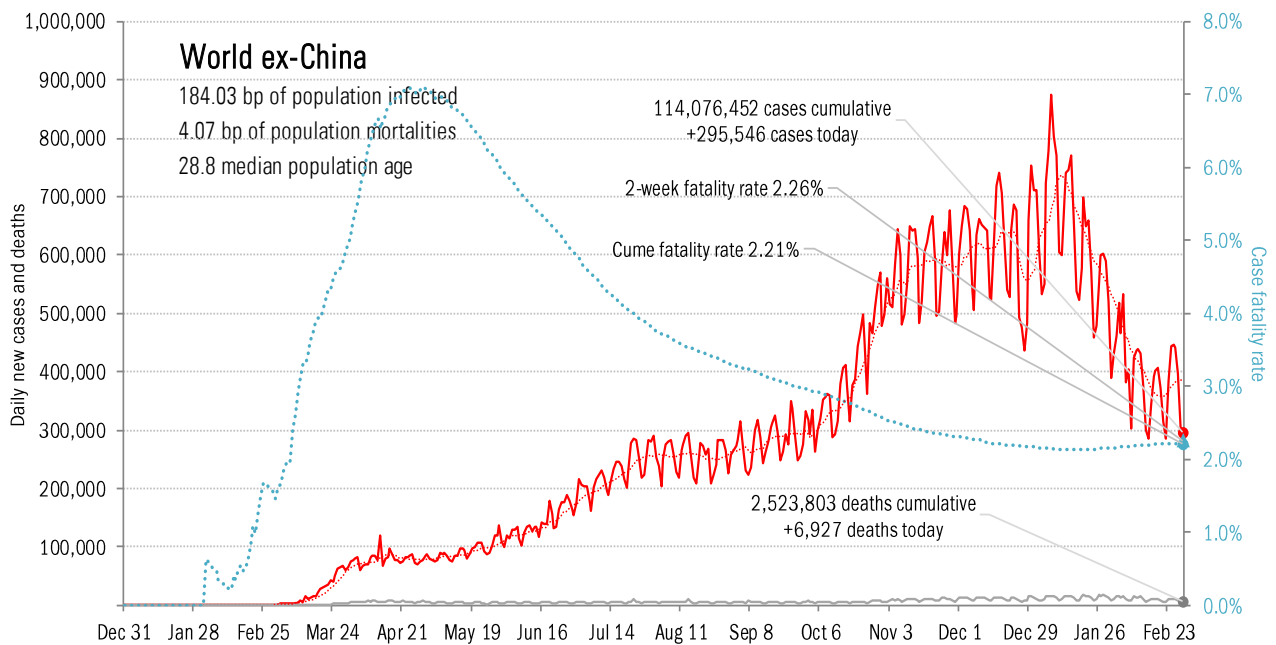
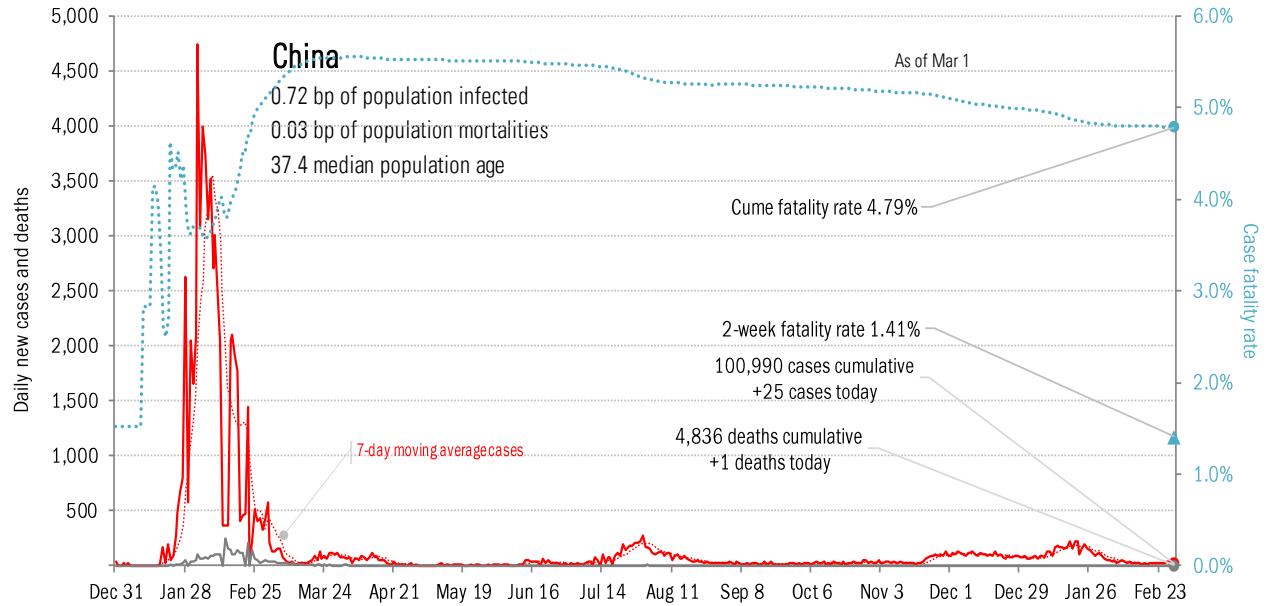
Source: [Covid Tracking Project](#), TrendMacro calculations

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



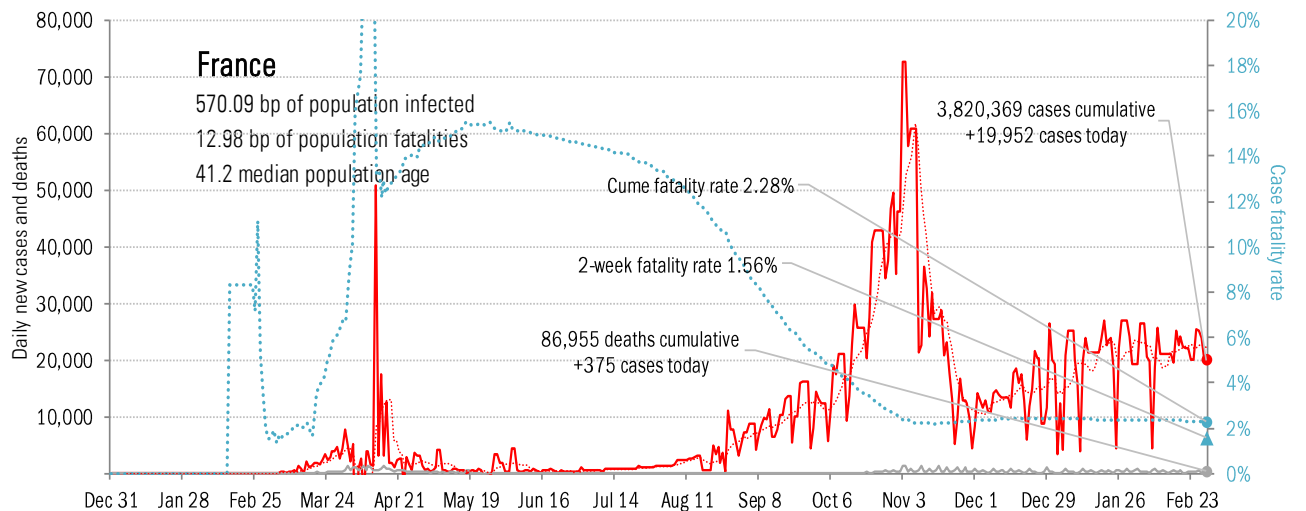
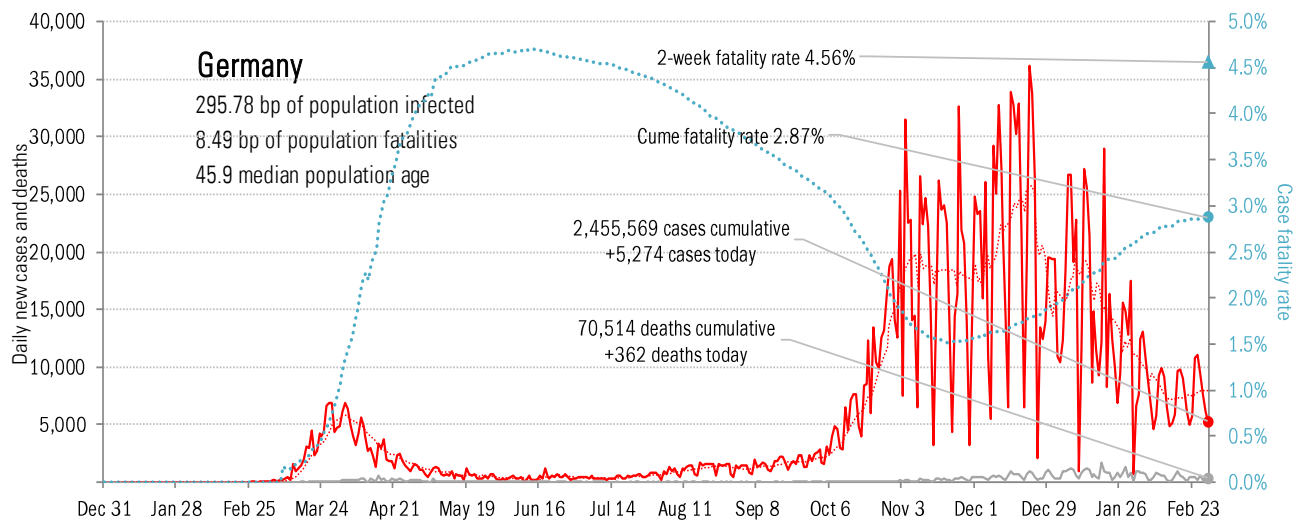
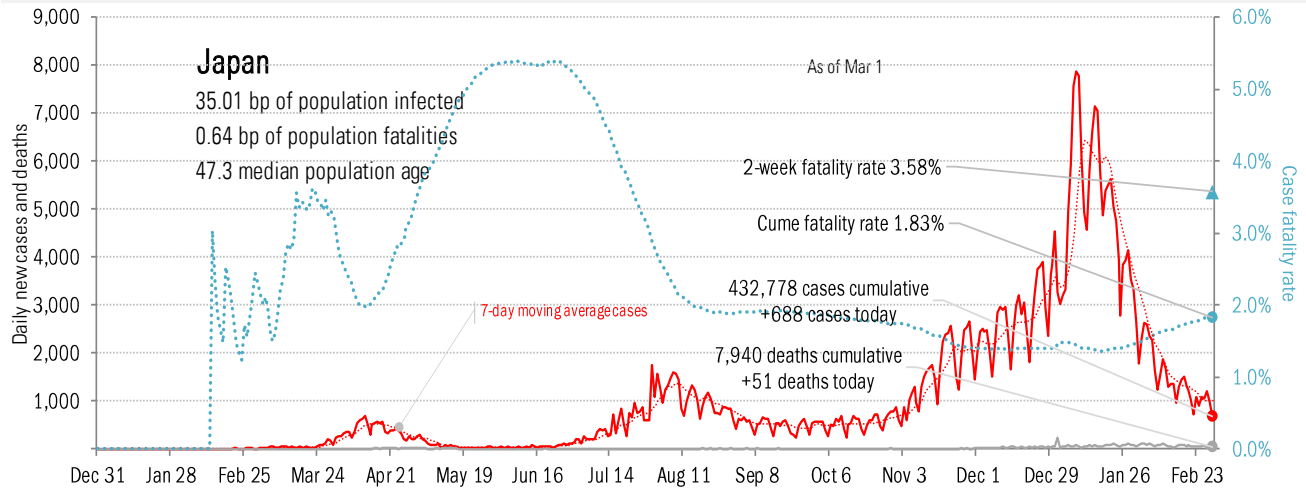
Source: [Covid Tracking Project](#), TrendMacro calculations

Patient zero... and then everyone else



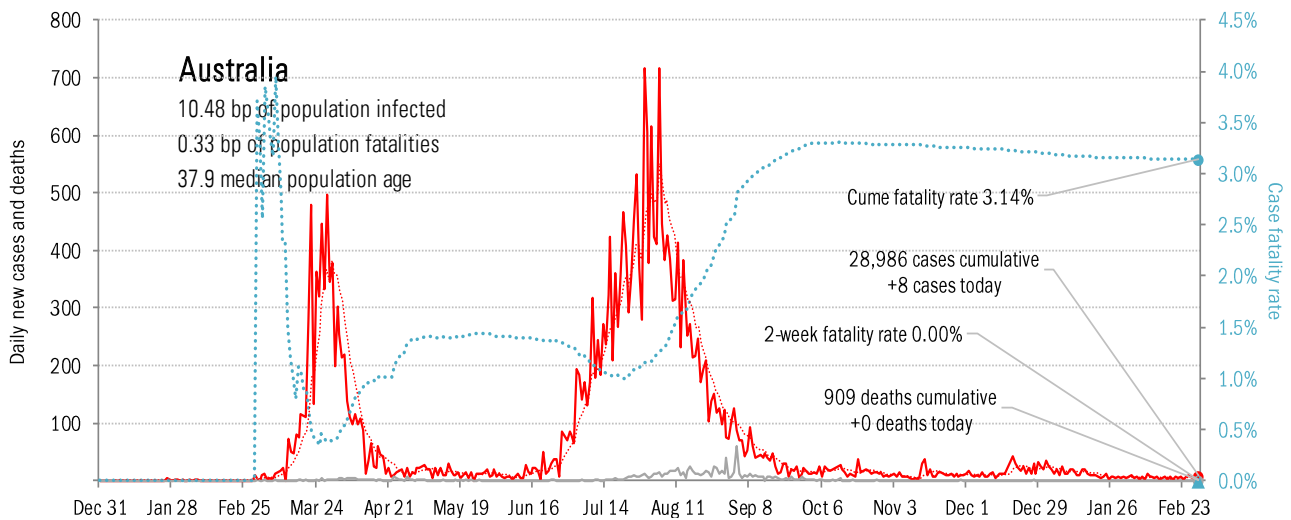
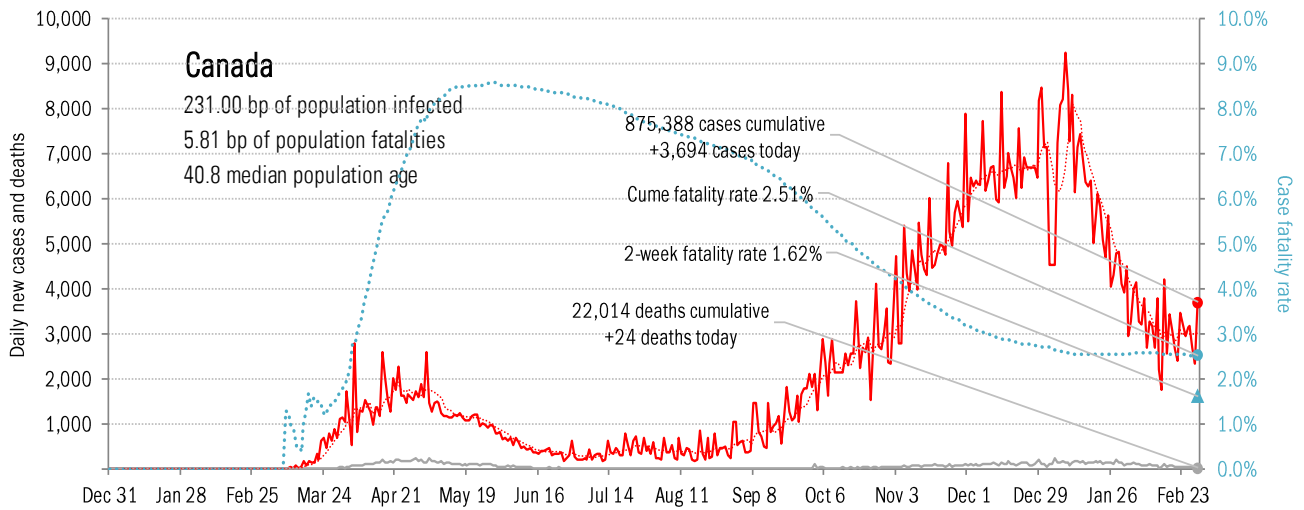
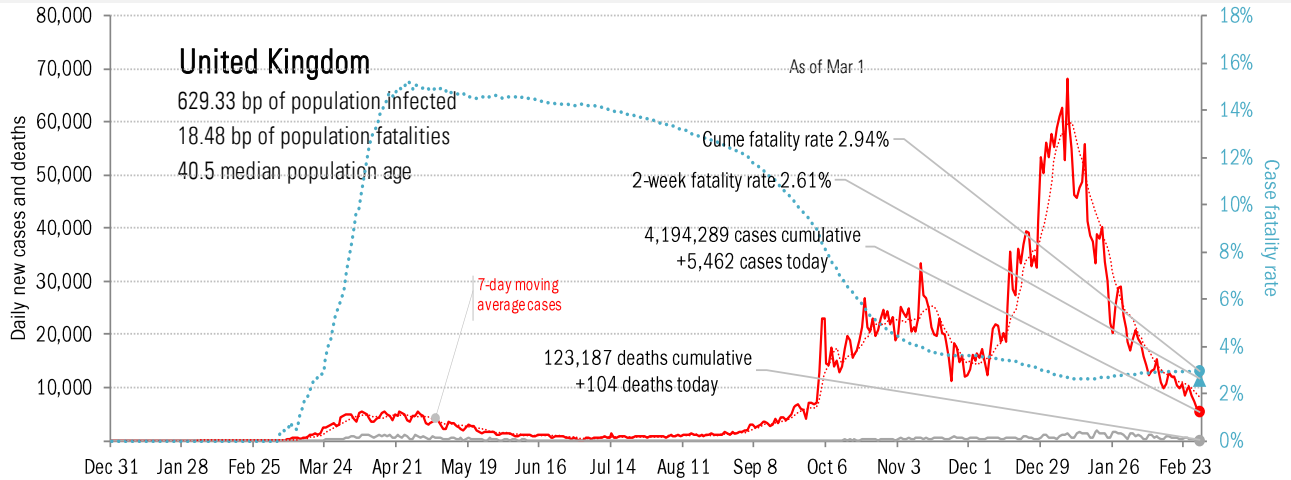
Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

Impact in the largest economies



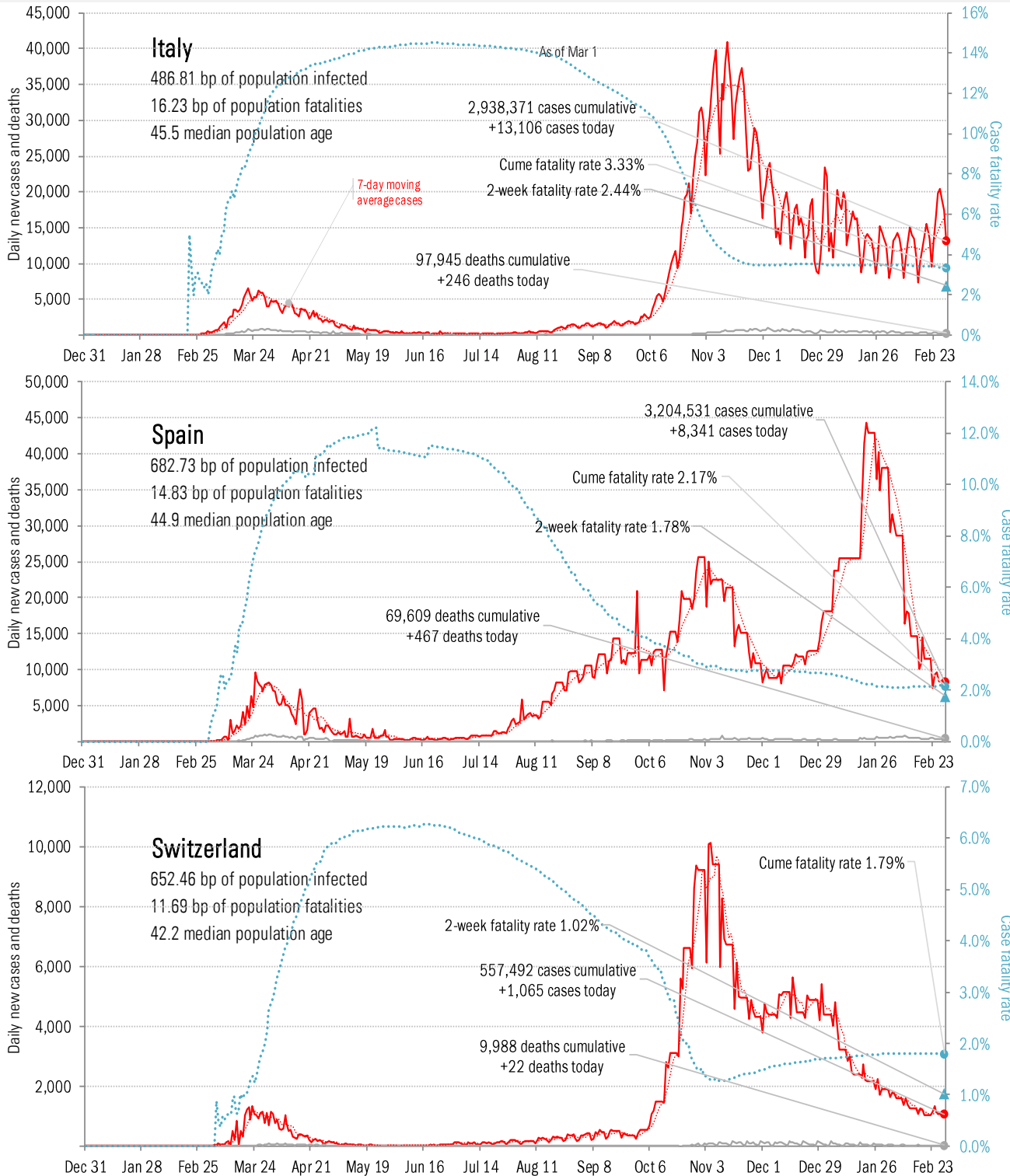
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



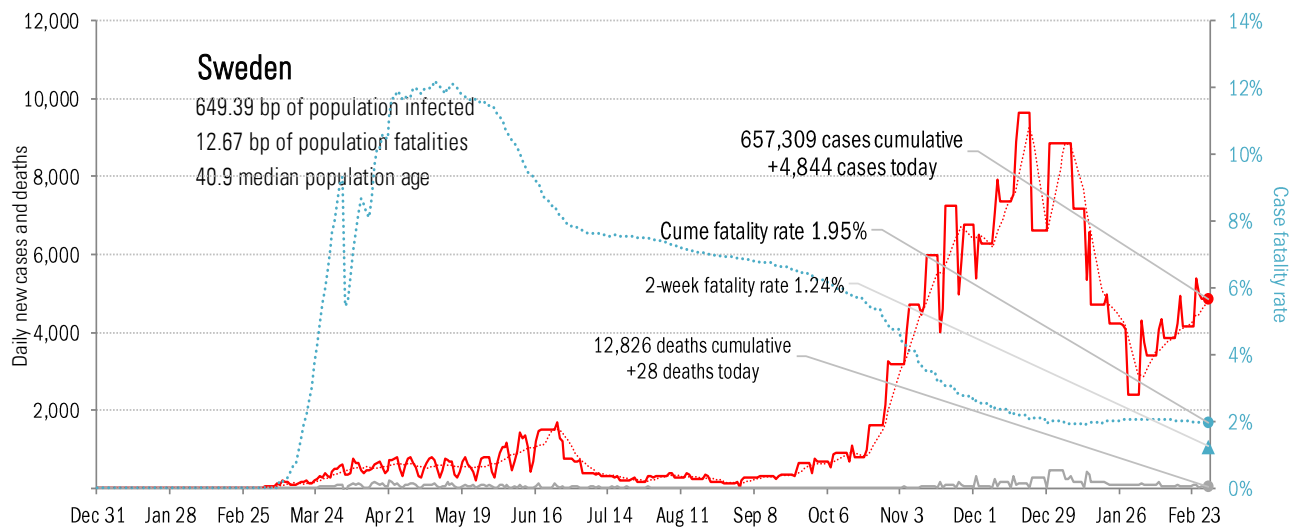
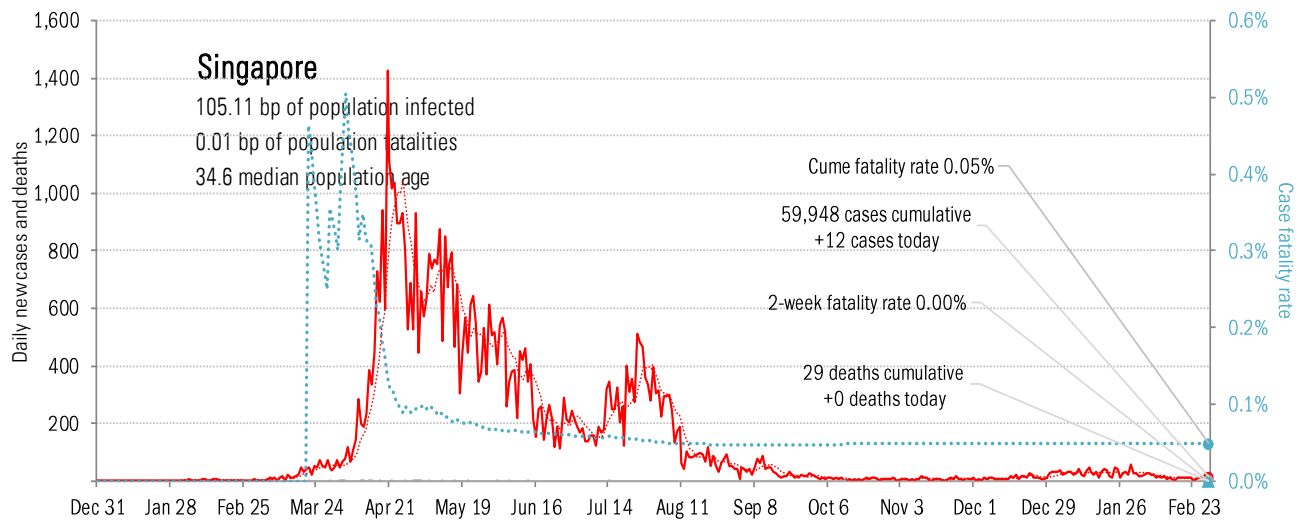
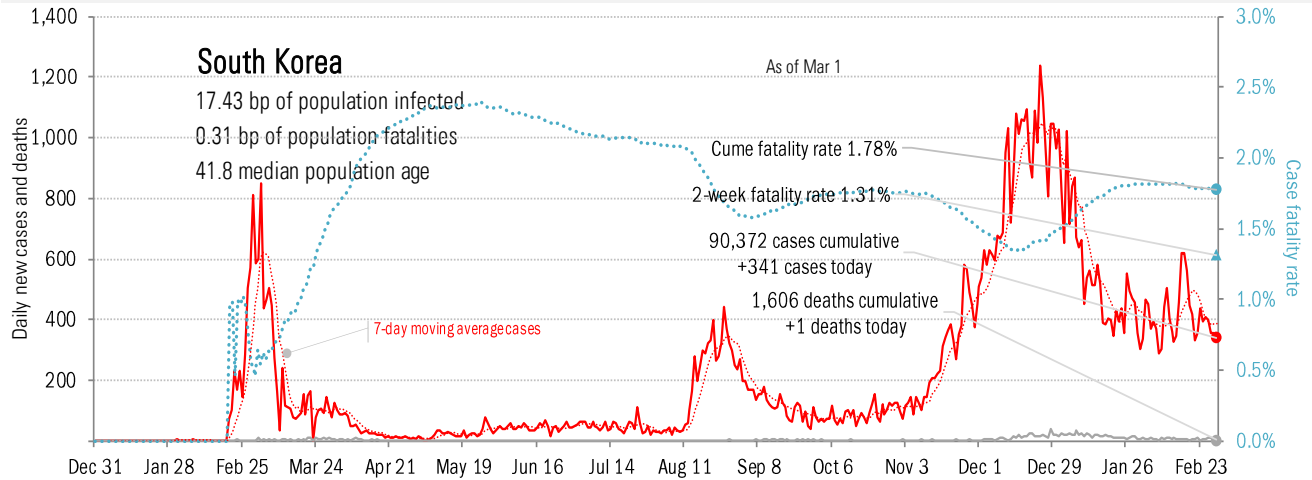
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



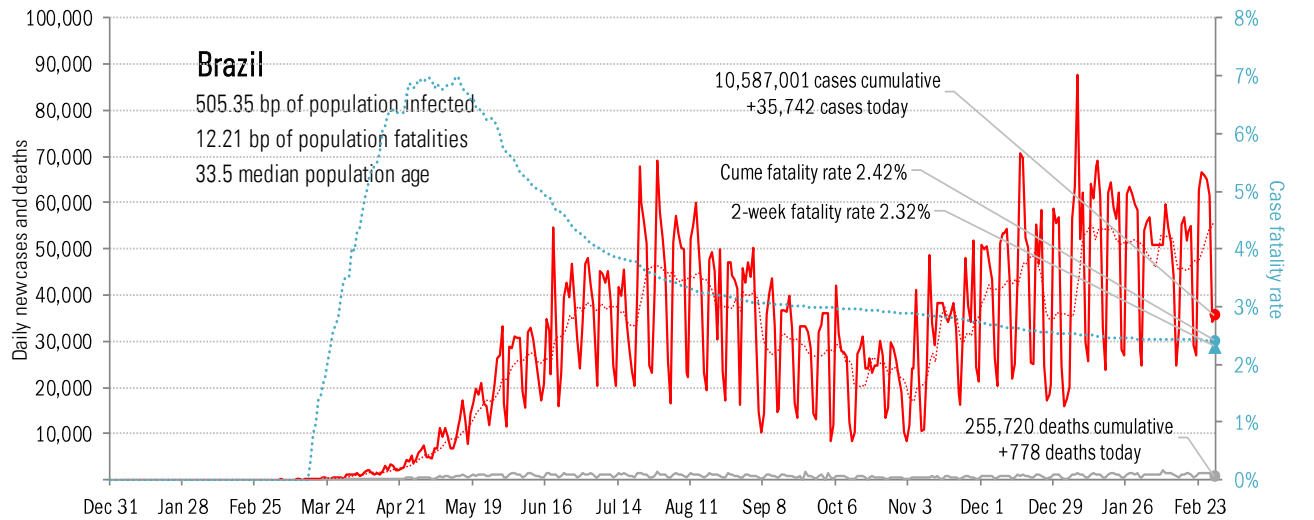
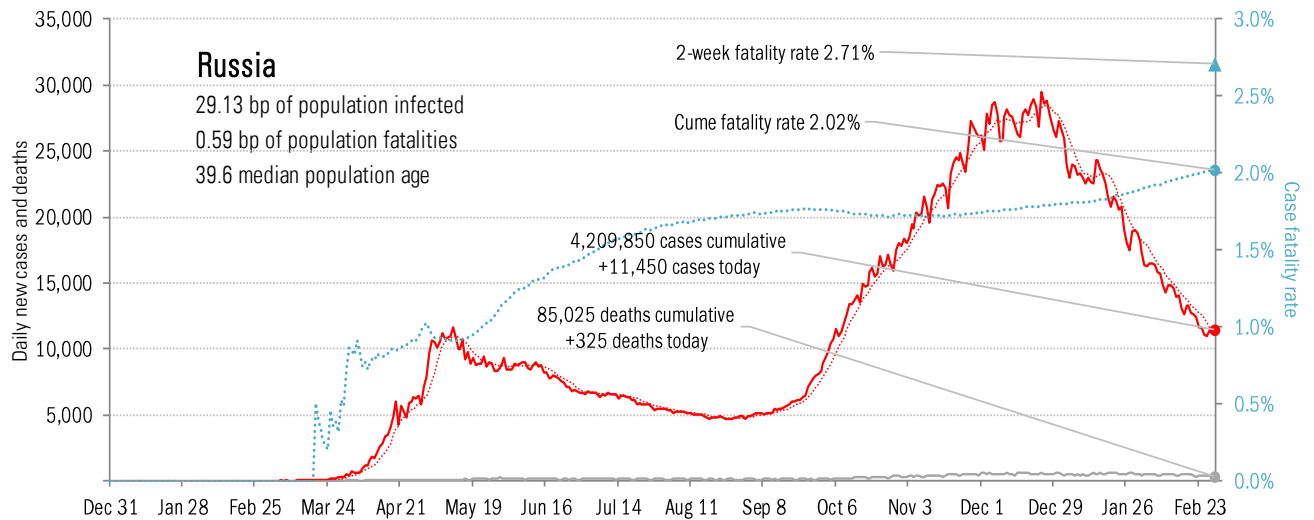
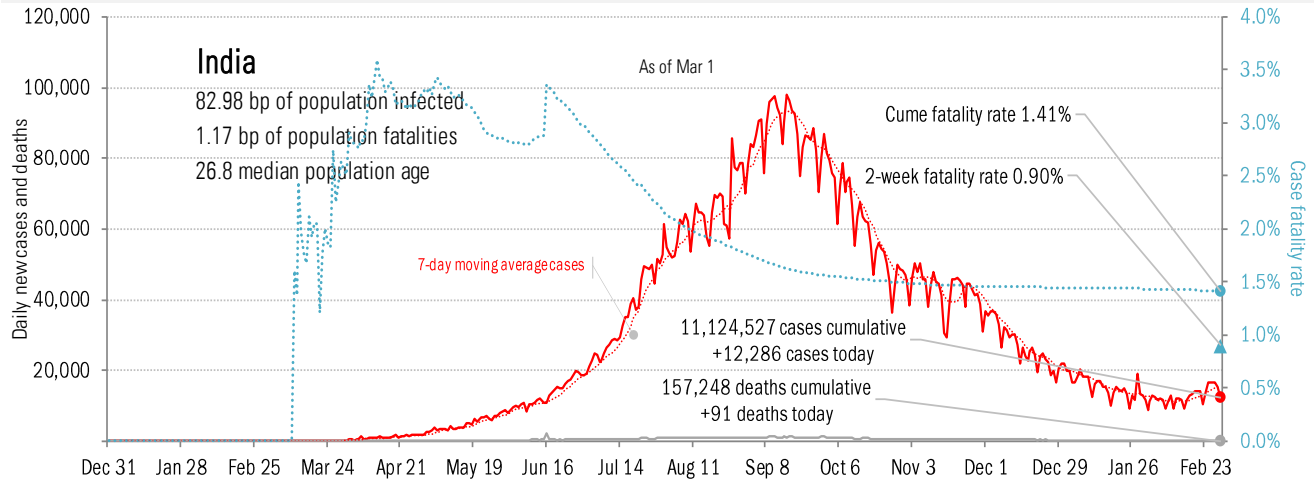
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



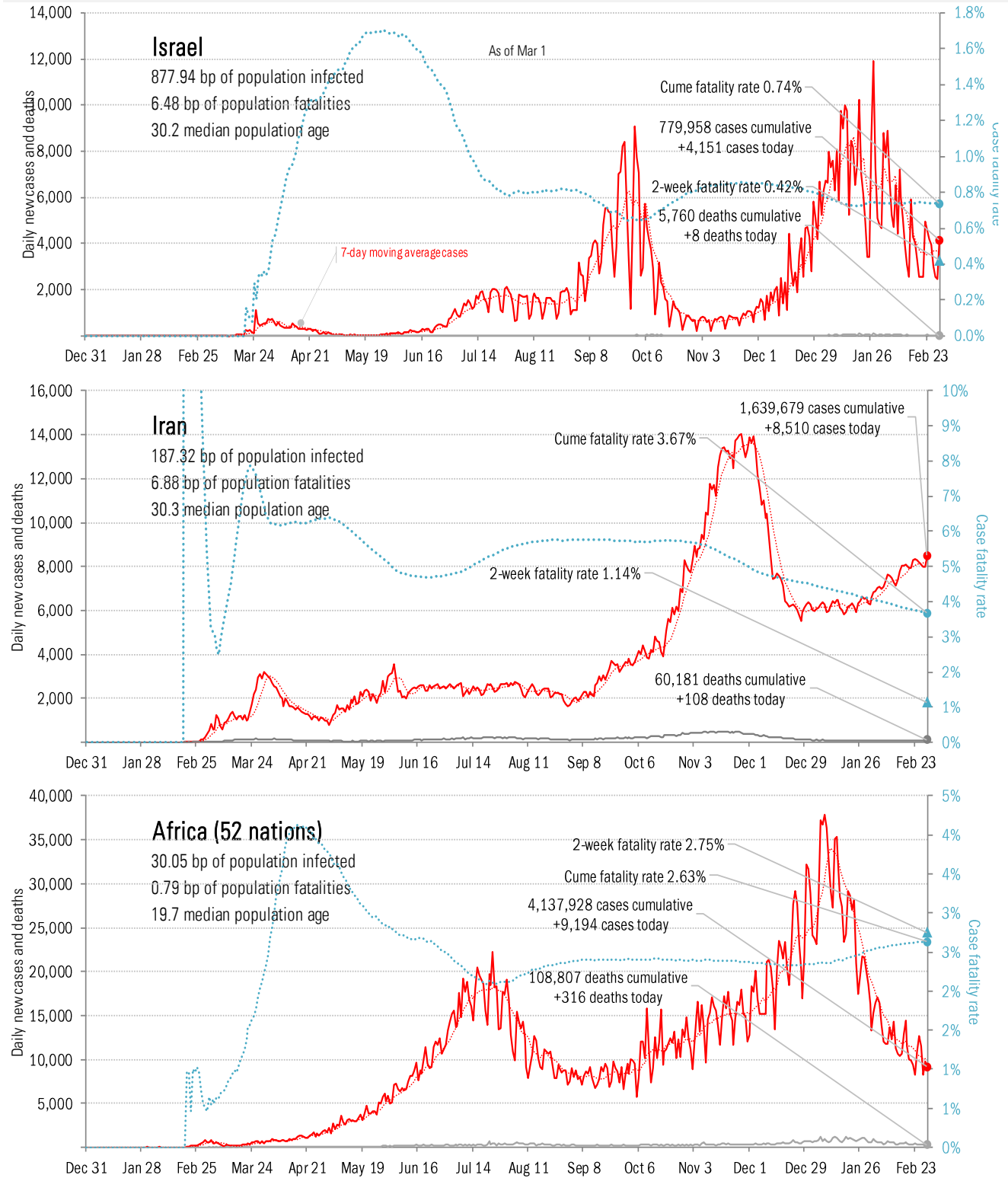
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



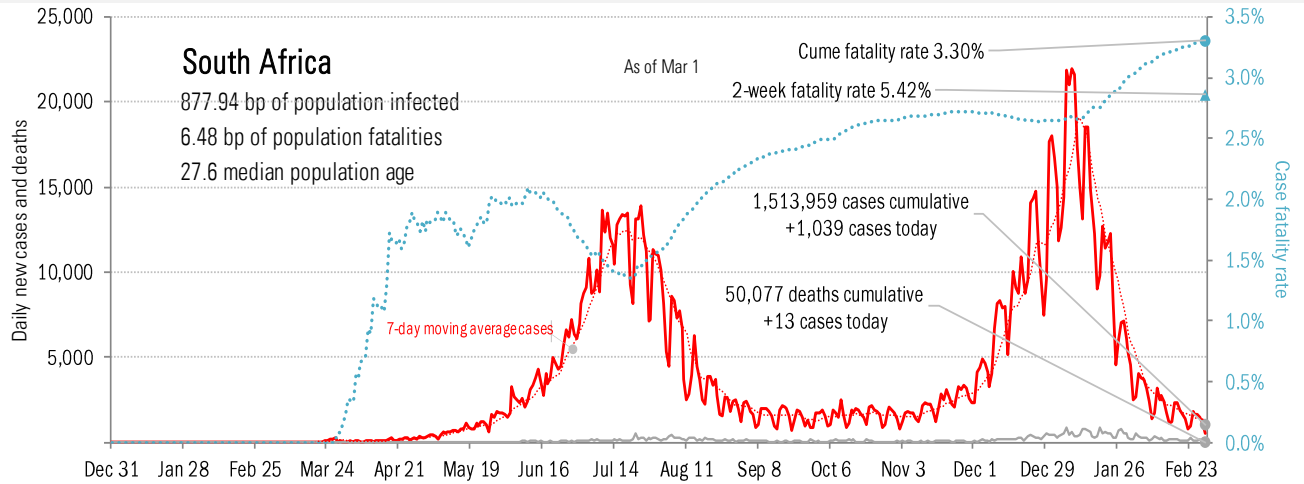
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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