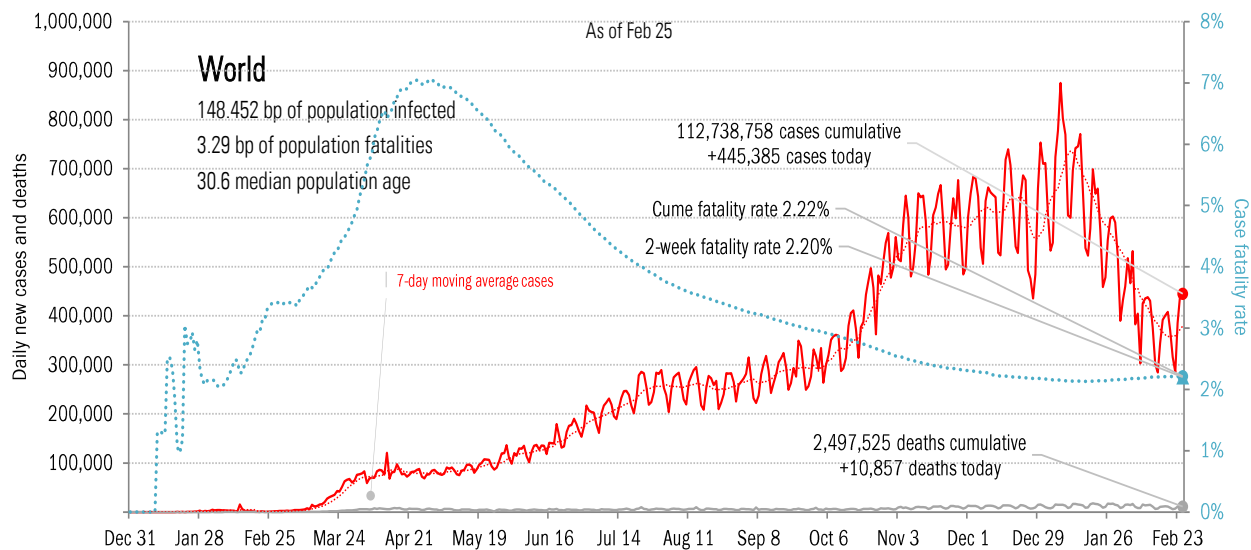
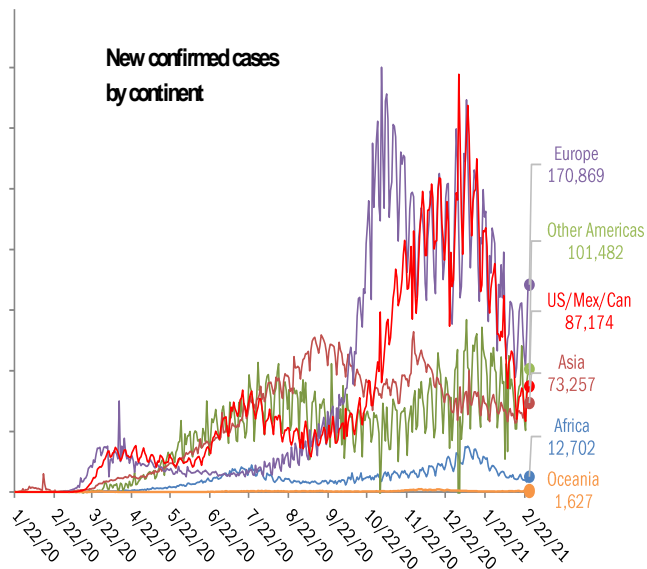


Data Insights: Covid-2019 Monitor

Friday, February 26, 2021

The global scorecard

The worst ten countries			
New cases		New Deaths	
United States	+ 75,565	United States	+ 3,138
Brazil	+ 65,998	Brazil	+ 1,541
France	+ 25,414	Mexico	+ 877
Italy	+ 19,871	Russia	+ 437
India	+ 16,577	Spain	+ 345
Czechia	+ 13,816	United Kingdom	+ 324
Poland	+ 12,143	Italy	+ 308
Russia	+ 11,067	Poland	+ 286
Germany	+ 11,032	Indonesia	+ 264
United Kingdom	+ 10,020	France	+ 261
+261,503		+7,781	
World	+445,385	World	+ 10,857
Topten	59%	Topten	72%



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

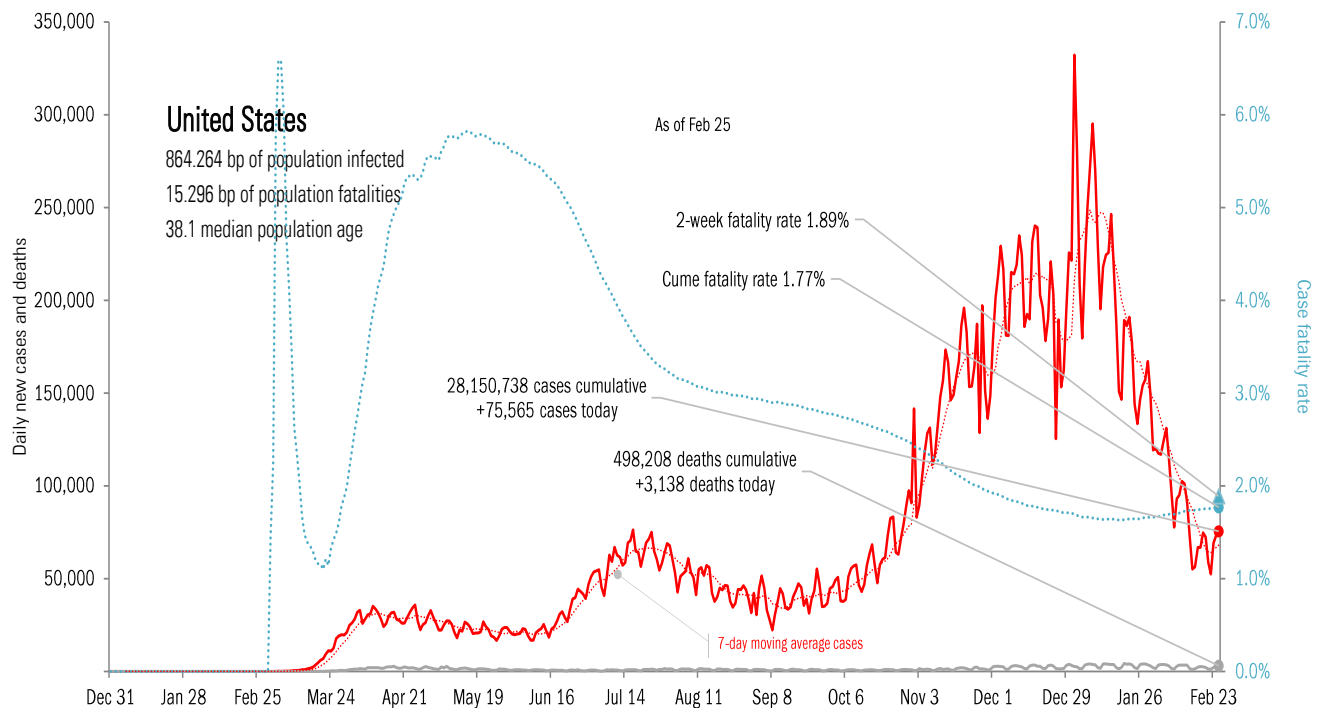
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
NY	+8,746		CA	+1,114		ID	+33		CA	3,460,326		CA	50,991		NY	89,995		R	90%	DC	86%
TX	+7,389		TX	+305		MO	+20		TX	2,621,181		TX	42,285		FL	79,956		MA	82%	AL	85%
FL	+6,519		VA	+156		WI	+8		FL	1,857,670		NY	38,227		NJ	63,441		DC	81%	RI	83%
CA	+4,965		FL	+140		IN	+3		NY	1,606,520		FL	31,018		AZ	57,390		GA	81%	TX	82%
NJ	+3,577		GA	+135		AS	+0		IL	1,181,226		PA	23,868		GA	55,604		PA	80%	MO	82%
NC	+3,351		AZ	+121		KS	+0		GA	997,388		NJ	23,147		CH	49,951		MO	80%	OK	82%
GA	+3,327		NY	+92		MP	+0		CH	962,404		IL	22,607		AL	45,312		CT	80%	GA	81%
SC	+2,502		AL	+87		CR	+0		PA	922,990		GA	17,199		IN	42,672		FL	80%	FL	81%
CH	+2,409		PA	+81		VI	+0		NC	852,981		CH	17,125		MD	34,759		SC	79%	DE	80%
PA	+2,356		CH	+80		AK	-+1		AZ	812,907		MI	16,436		WI	25,954		MD	78%	MS	80%
+45,141			+2,311			+63			15,275,593			282,903			545,034						
All states	+75,565		+3,138			-1449			All states	28,150,738		498,208			863,766			All states	74%	72%	
Top ten	60%		74%			-4%			Top ten	54%		57%			63%			Median	72%	70%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
KS	-1,122	KS	-81	CA	-100	MA	+16,944
CT	-518	NC	-46	OK	-89	TX	+12,287
PA	-430	TX	-34	FR	-75	AL	+9,885
FL	-404	MA	-29	NY	-72	CH	+3,600
AZ	-371	NJ	-29	IL	-71	NM	+2,343



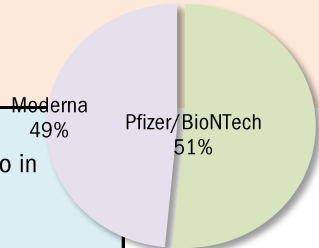
Source: [Covid Tracking Project](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US

US overall	Over last day
91.67 million doses distributed	+3.00 million/day
68.27 million doses administered	+1.81 million/day
46.07 million persons with one shot	+0.84 million/day
21.56 million persons with two shots	+0.95 million/day
6.82 million shots long-term care residents/staff	+0.09 million/day

74.5% of distributed doses administered

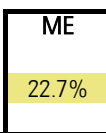
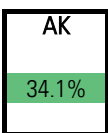
13.8% of US pop 1 shot **6.5% 2 shots**
100% of LTC 1 shot **50.4% 2 shots**



At today's dosing pace,
 every American will have two in
325 days
 by Jan 16, 2022

US will achieve herd immunity in
149 days
 by Jul 23, 2021

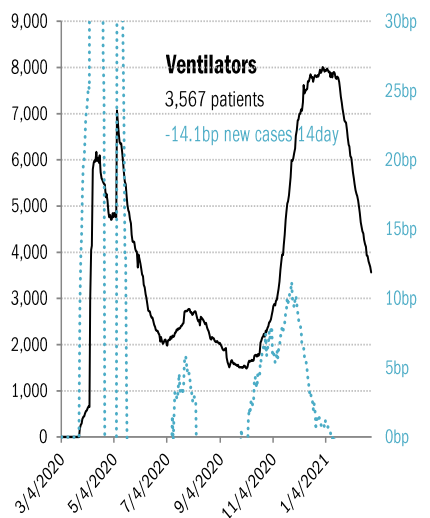
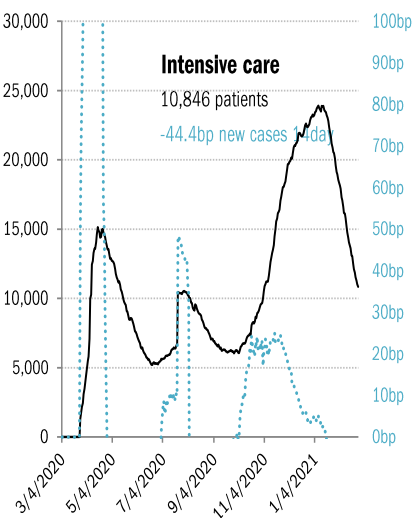
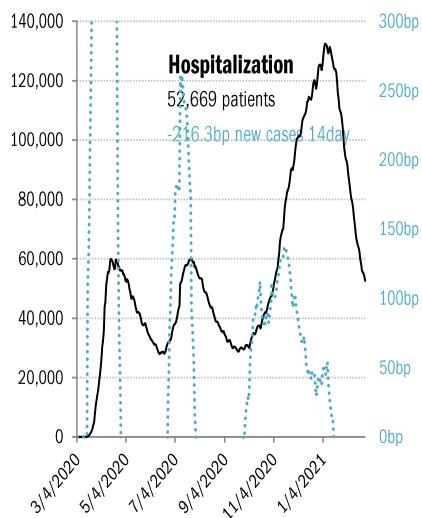
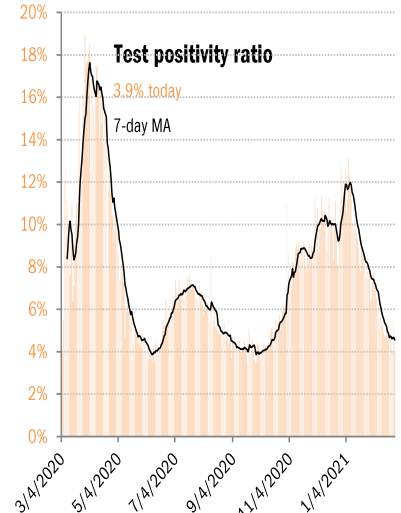
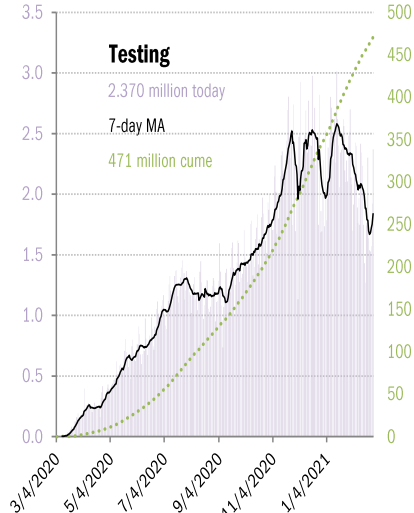
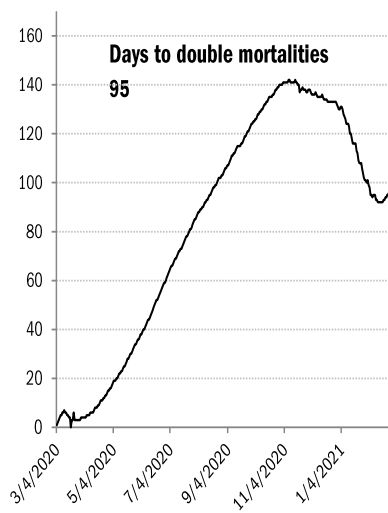
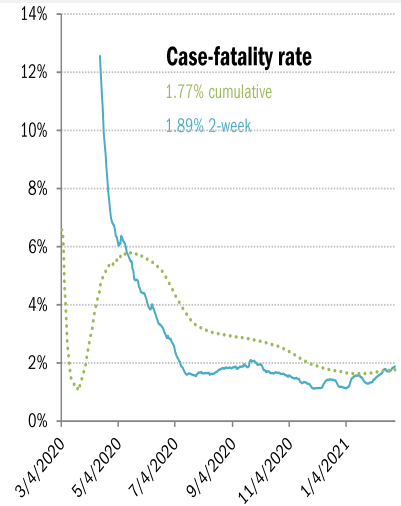
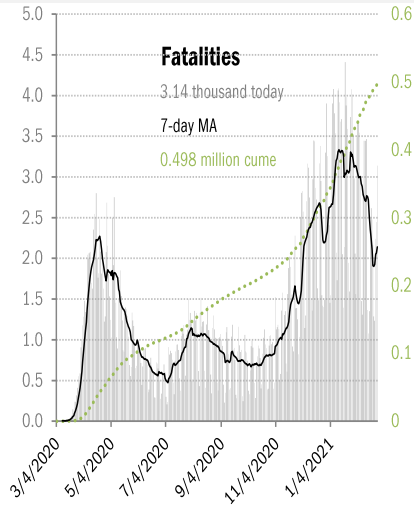
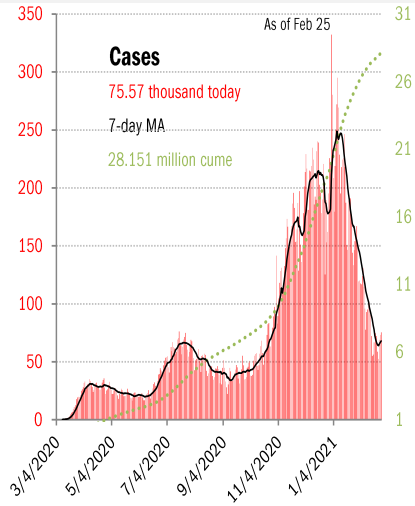
State	
Shots given as % population	Best
Warning: 1st and 2nd doses not separated, resulting in double-counting	Middle
	Worst



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

US deep-dive

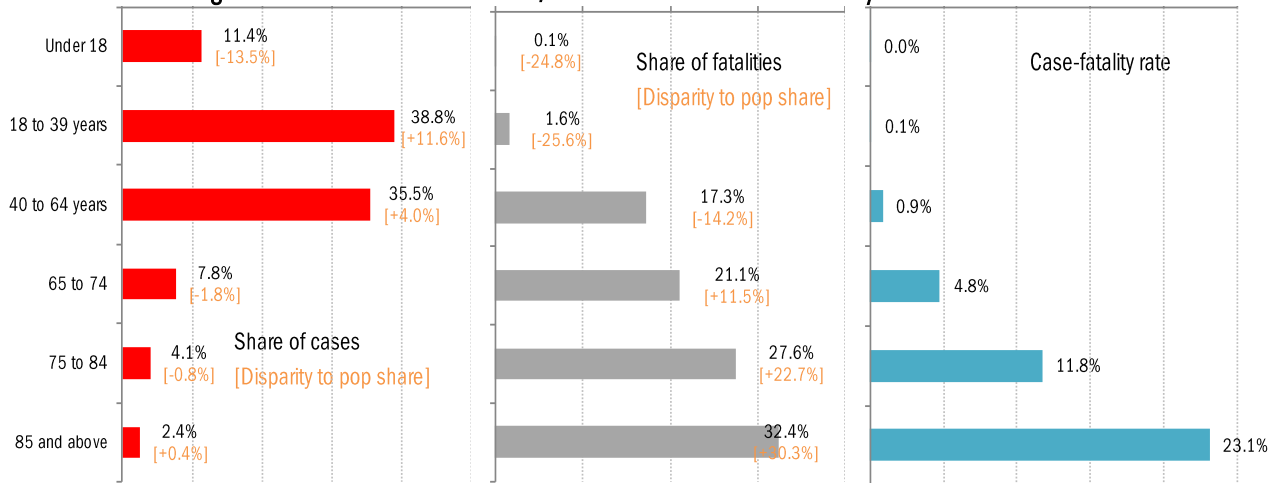
National and state-by-state data do not line up because of different sources



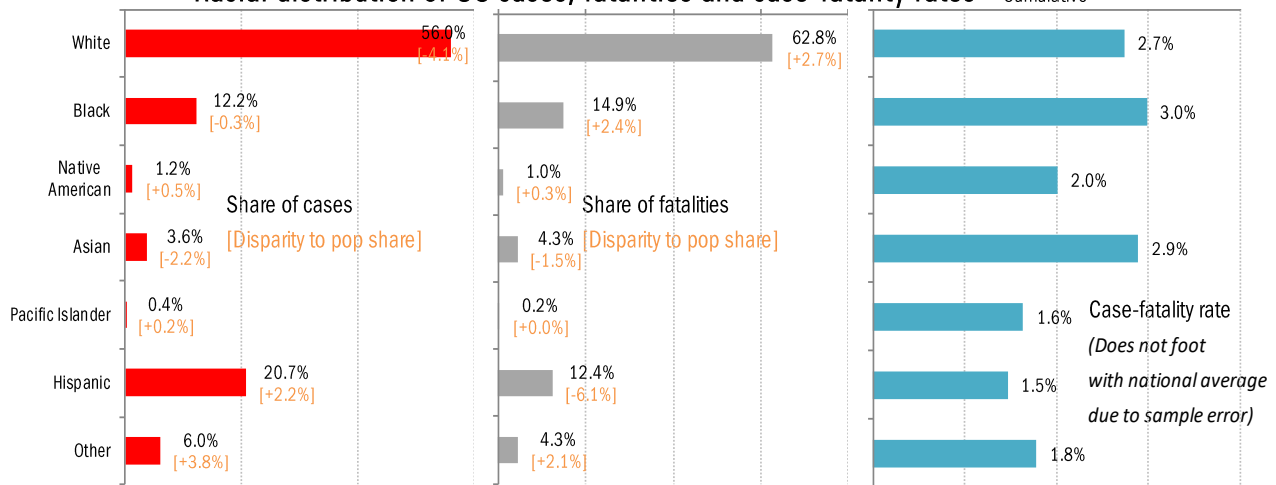
Source: [Covid Tracking Project](#), TrendMacro calculations

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

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

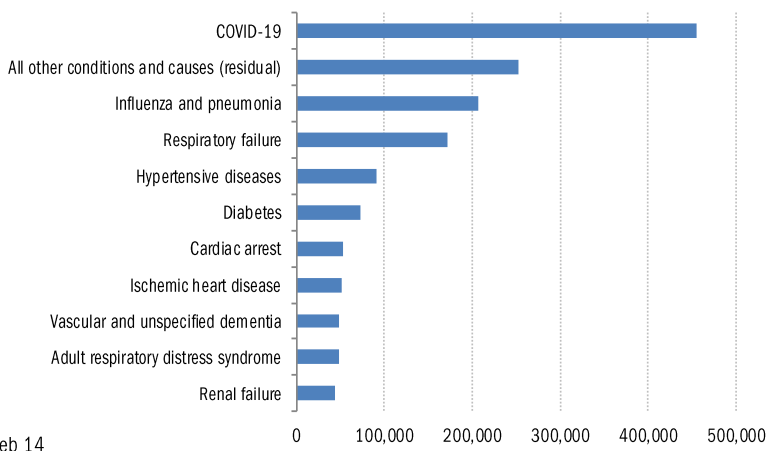


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Feb 14

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

[Biden and Allies Stoked Vaccine Fears](#)

Joel Zinberg
Wall Street Journal
February 25, 2021

[For Some Teens, It's Been a Year of Anxiety and Trips to the E.R.](#)

Benedict Carey
New York Times
February 23, 2021

['V.I.P. Immunization' for the Powerful and Their Cronies Rattles South America](#)

Mitra Taj, Anatoly Kurmanaev, Manuela Andreoni and Daniel Politi
New York Times
February 25, 2021

[Nursing Homes, Once Hotspots, Far Outpace U.S. in Covid Declines](#)

Matthew Conlen, Sarah Mervosh and Danielle Ivory
New York Times
February 25, 2021

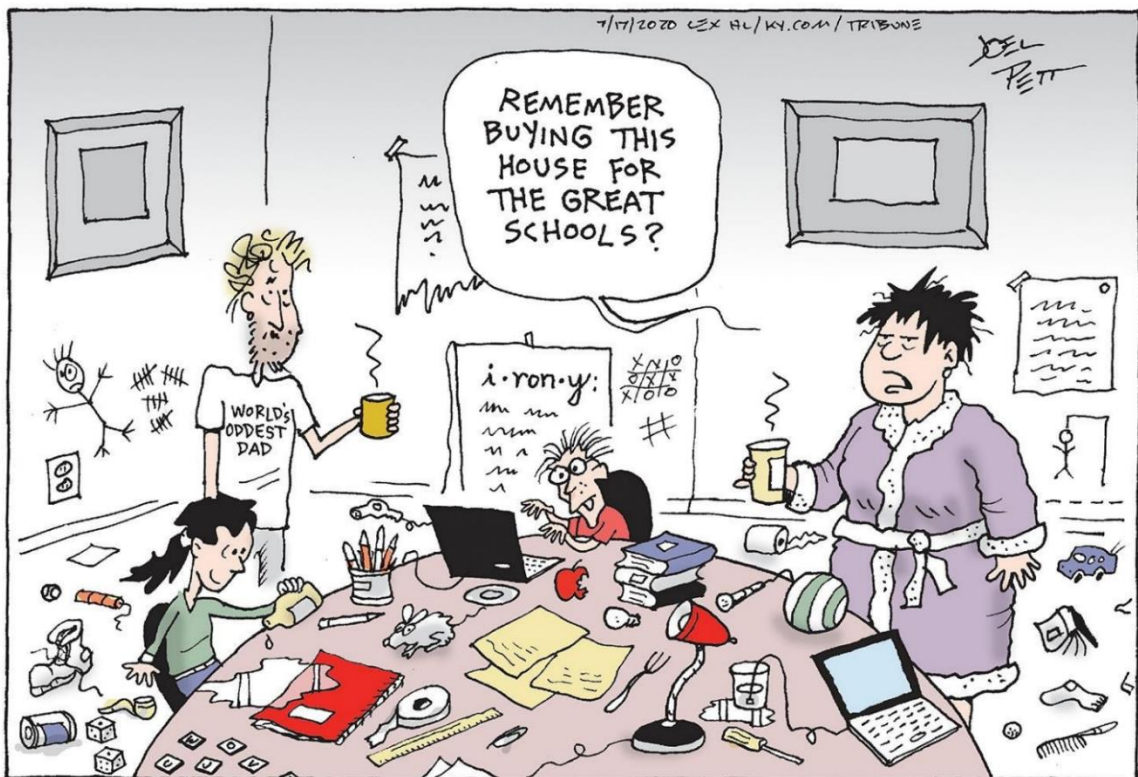
[Corona children studies "Co-Ki": First results of a Germany-wide registry on mouth and nose covering \(mask\) in children](#)

Silke Schwarz
Research Square
January 5, 2021

[Paid To Stay Home— Coronavirus Aid Bill Pays Federal Employees With Kids Out Of School Up To \\$21K](#)

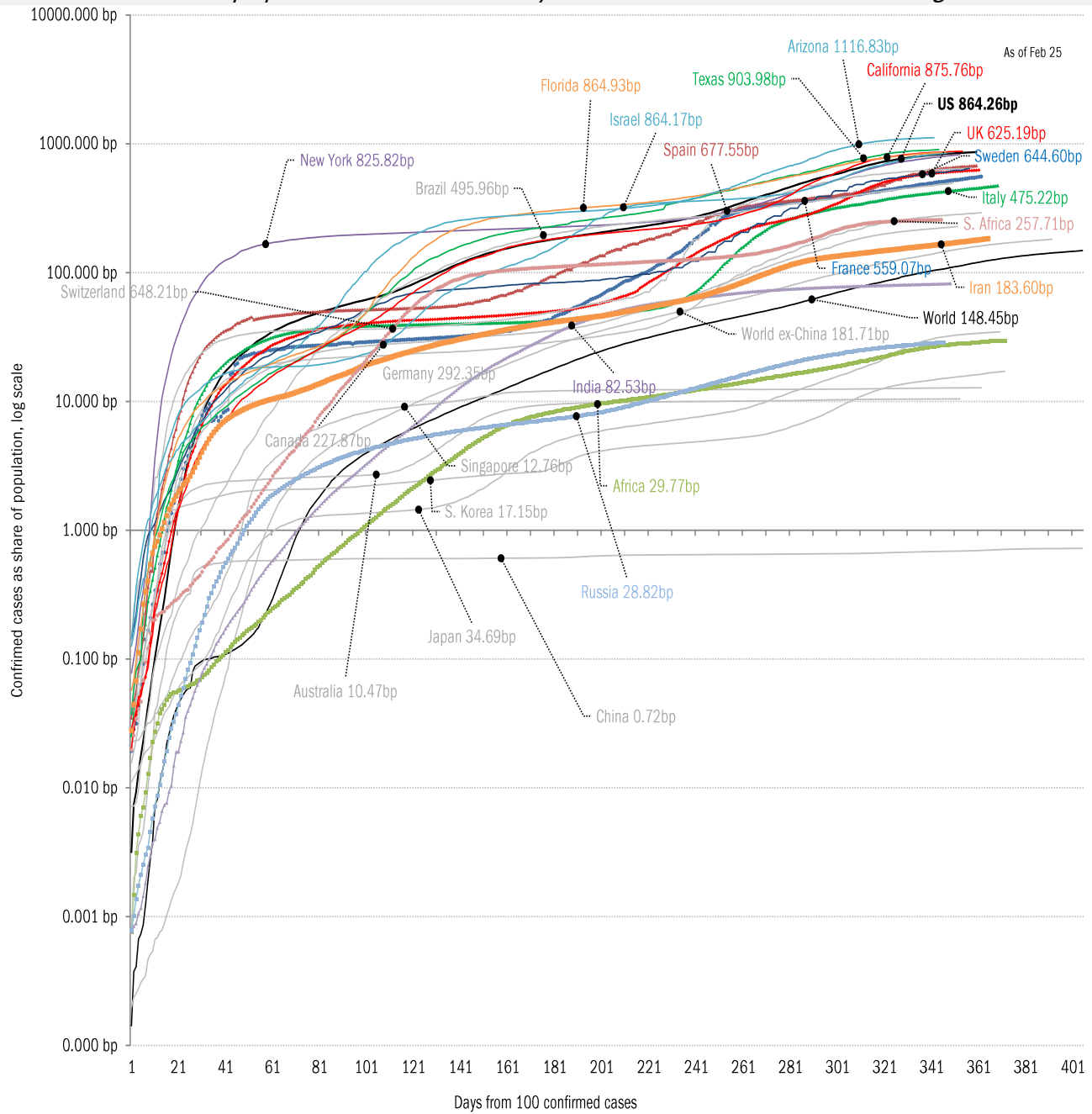
Adam Andrzejewski
Forbes
February 23, 2021

Meme of day



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

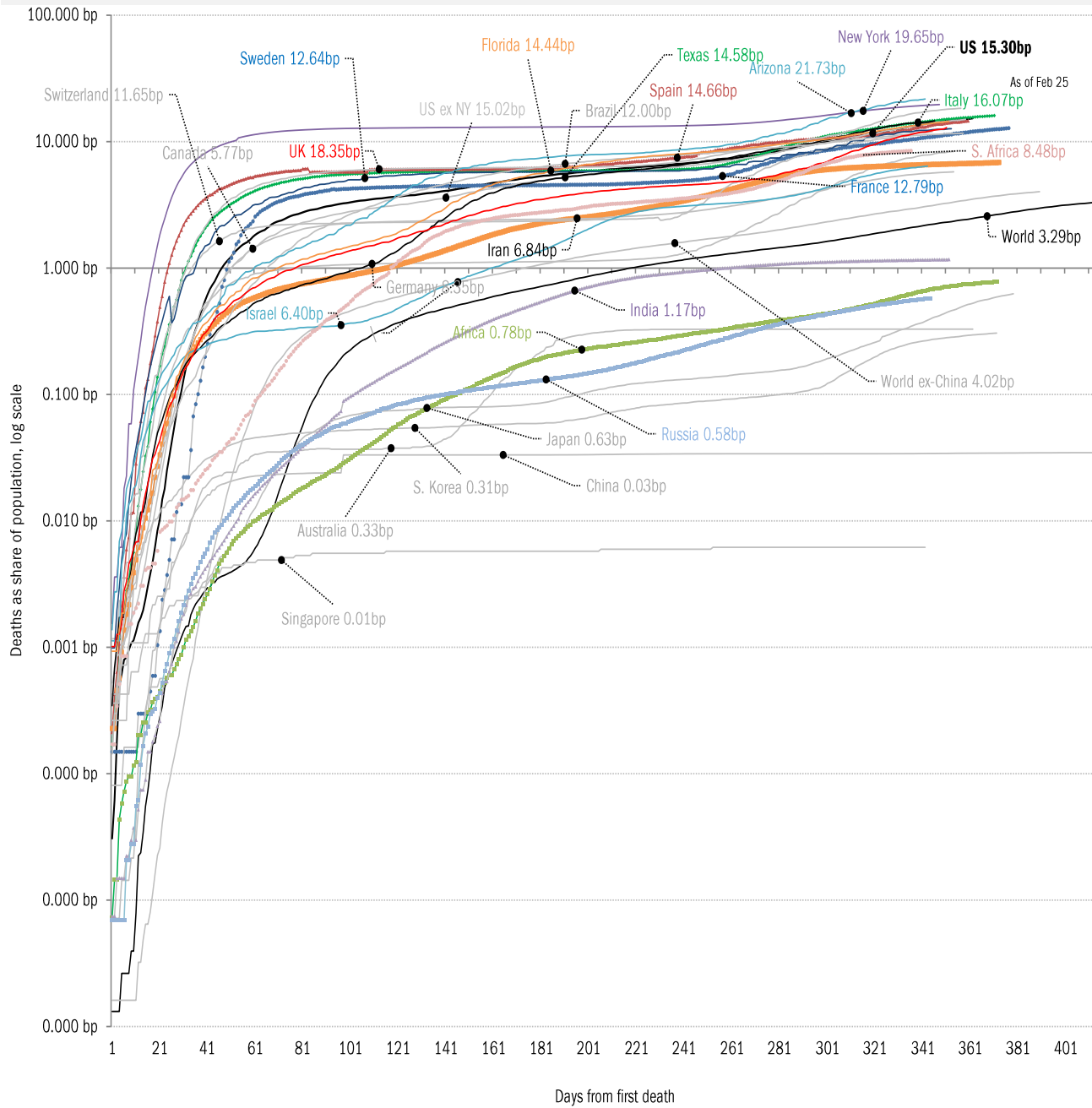
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

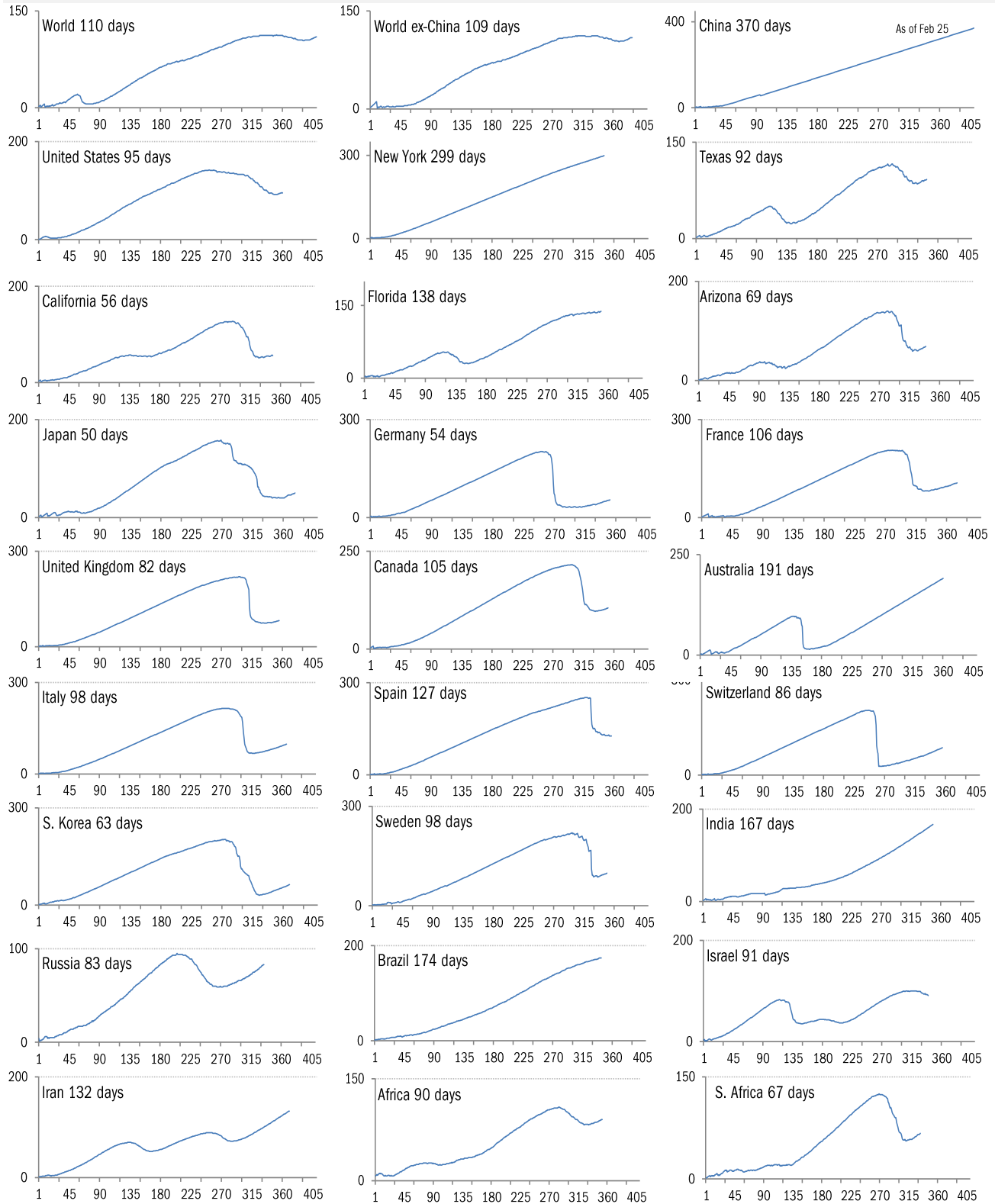


Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

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

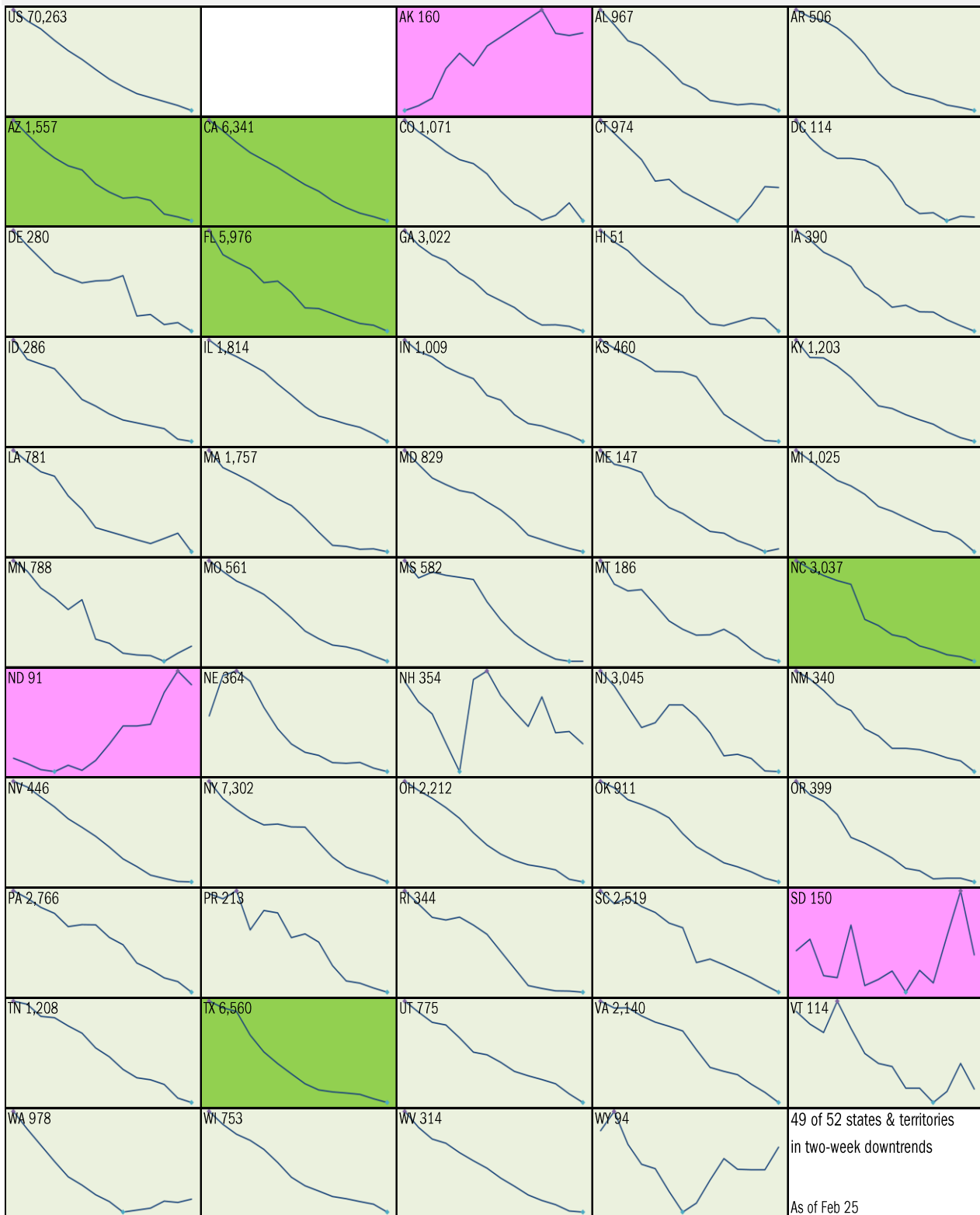
Vertical: days to double deaths Horizontal: days from first death

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

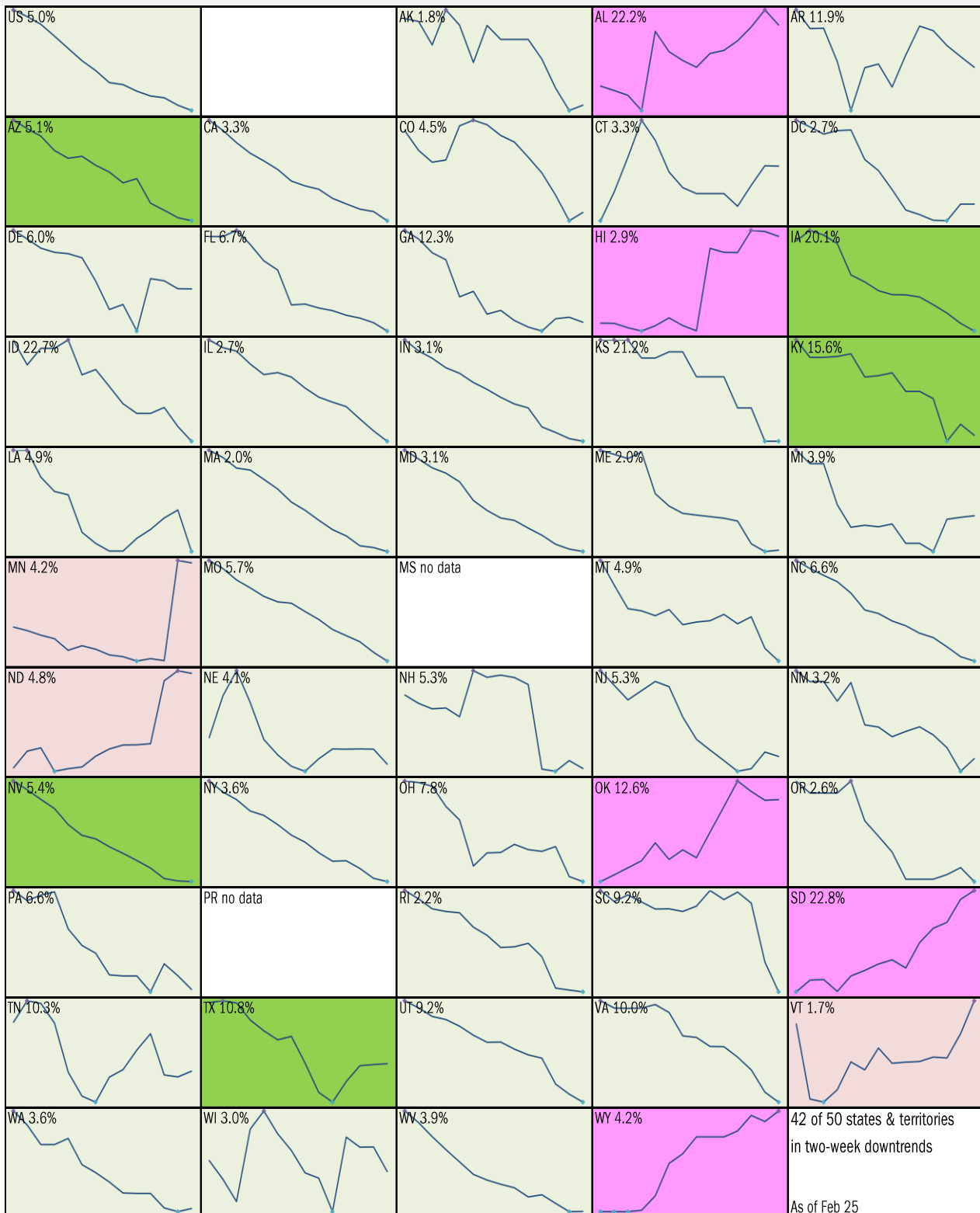


Source: [Covid Tracking Project](#), TrendMacro calculations

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

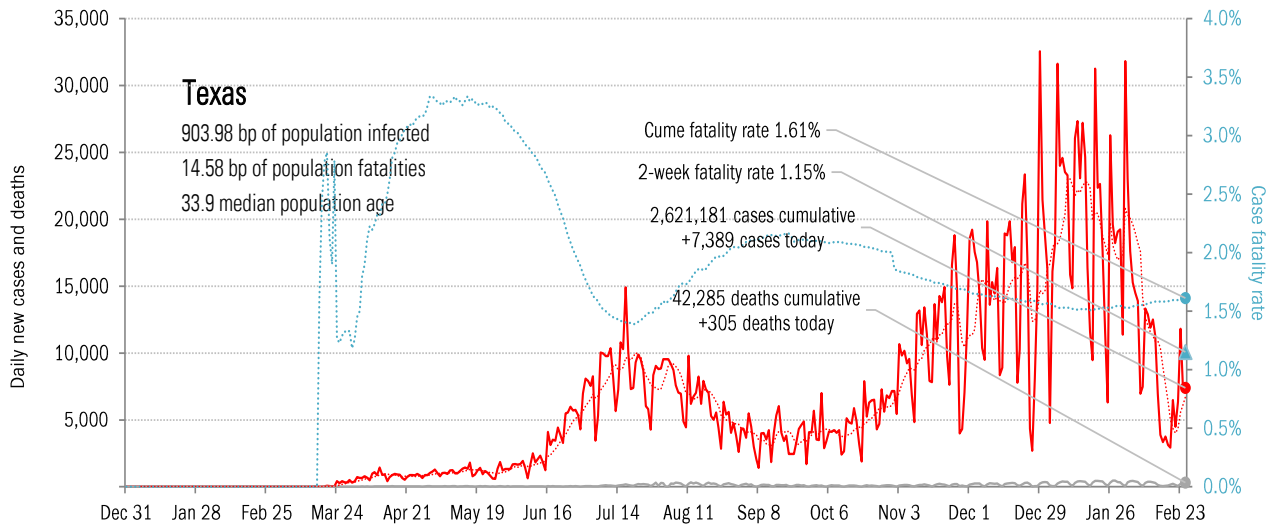
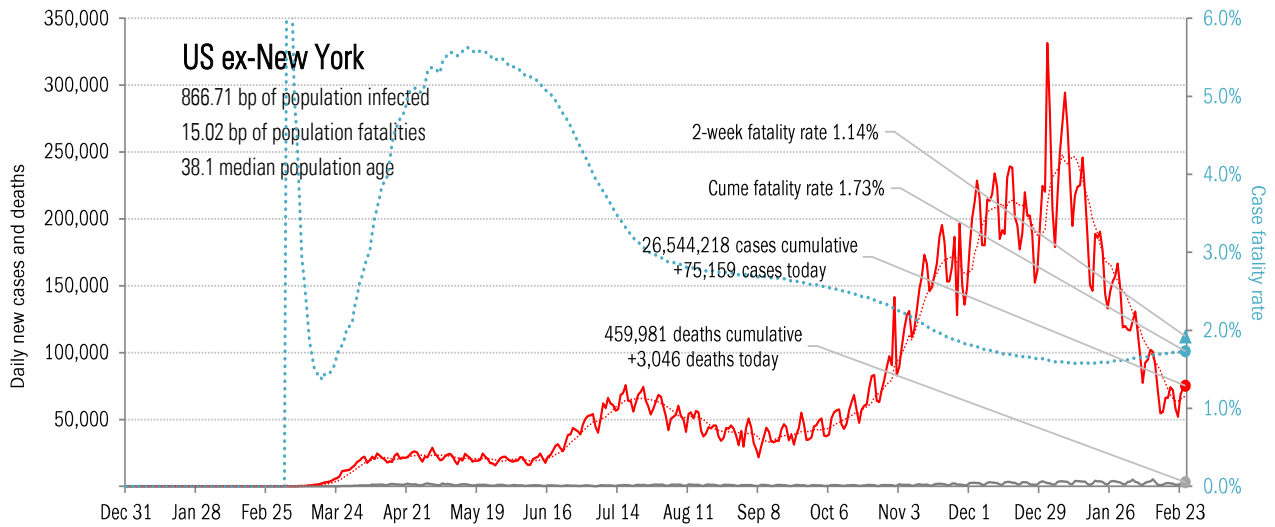
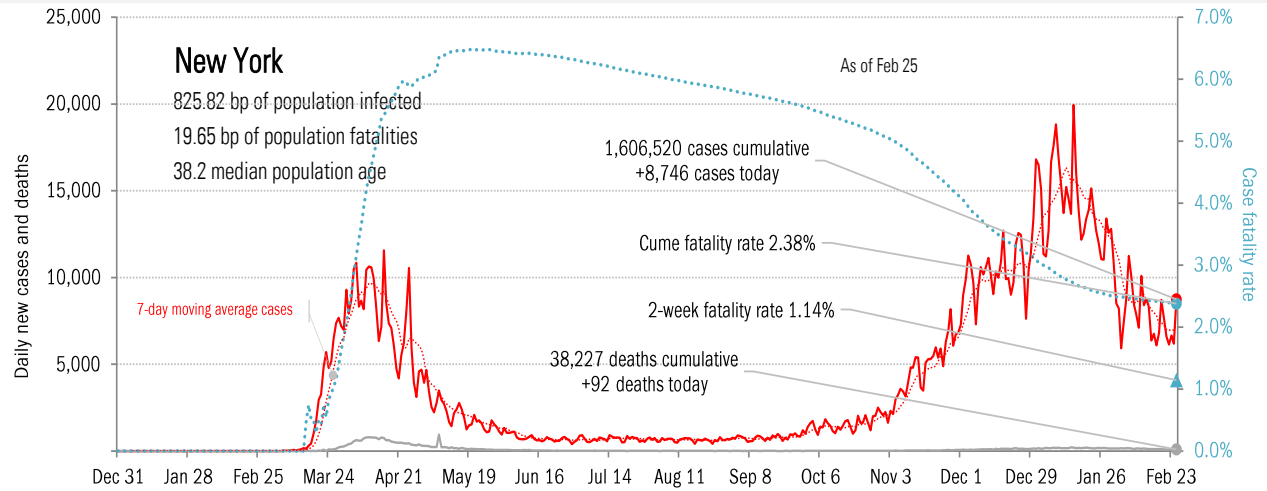
14-day moving average, last 14 days *Most recent value displayed* ● High ● Low

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



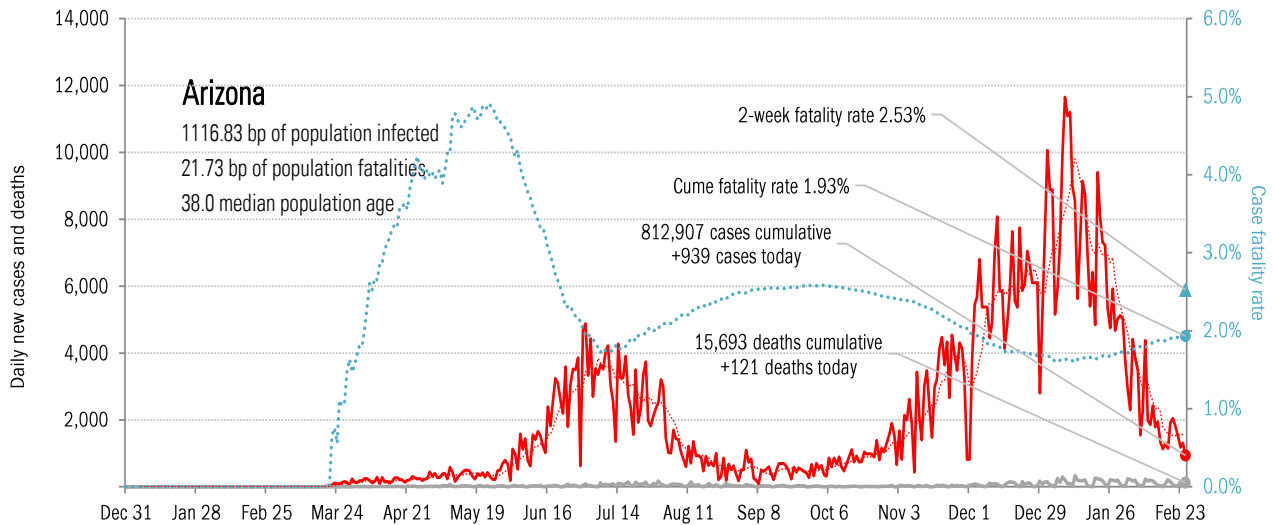
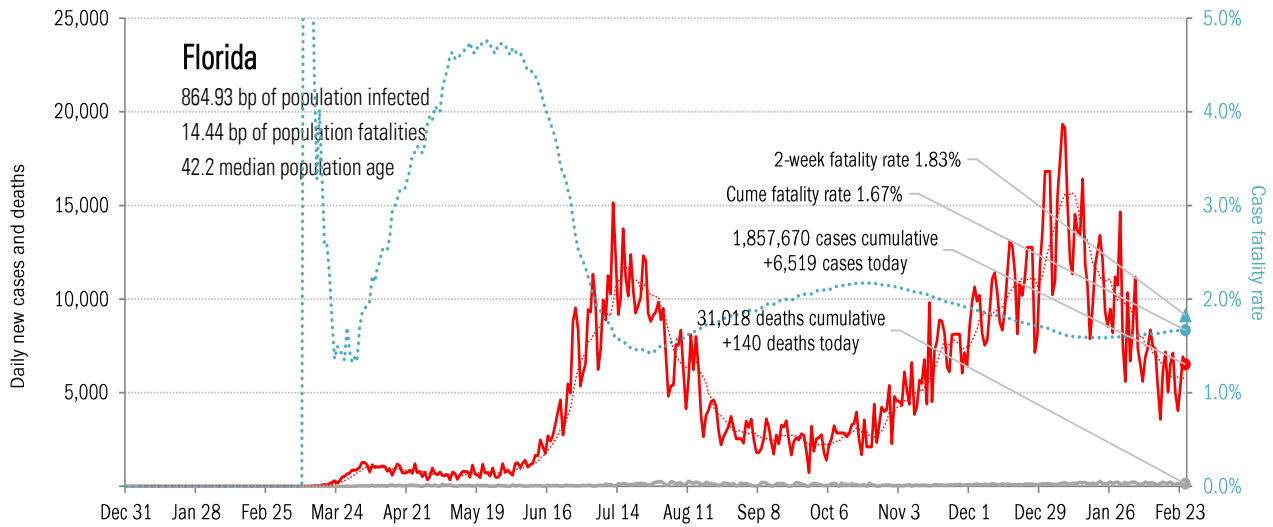
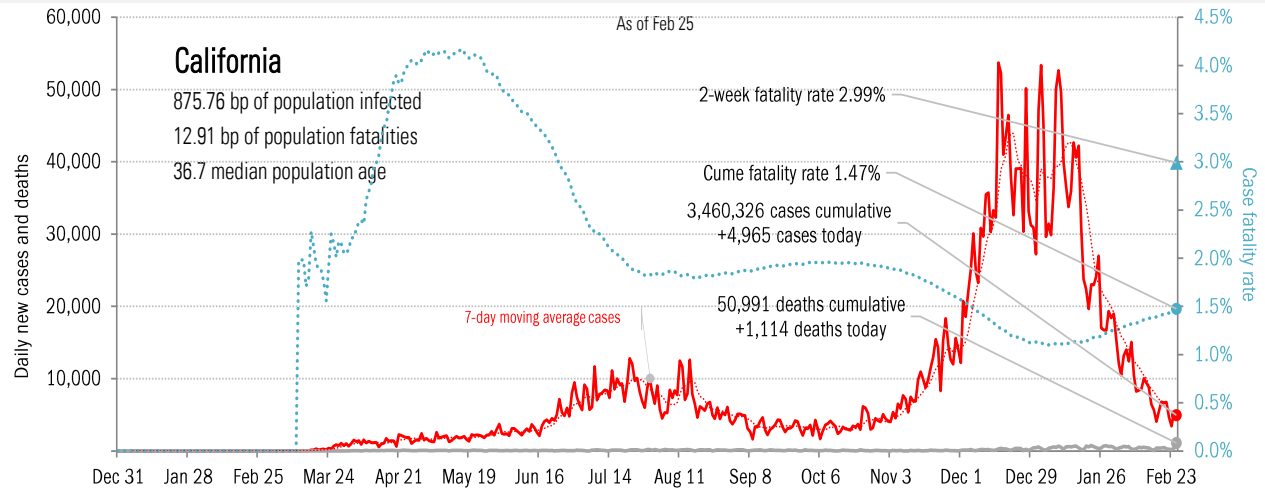
Source: [Covid Tracking Project](#), TrendMacro calculations

From Ground Zero to the Rio Grande



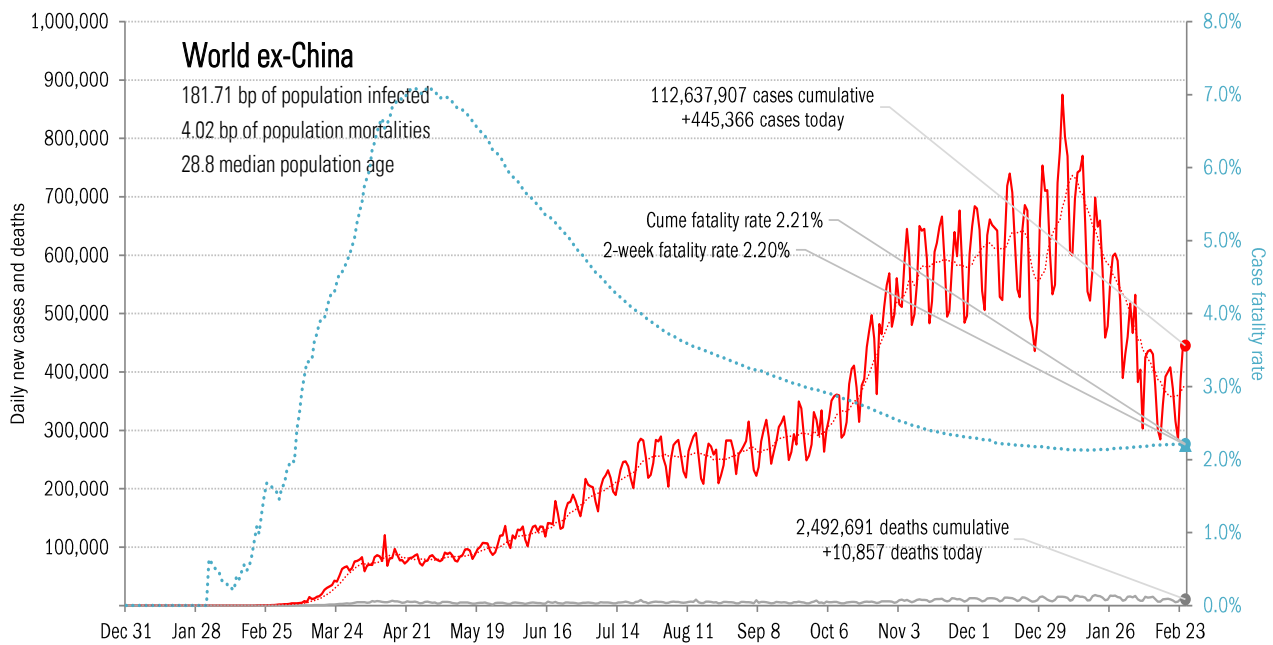
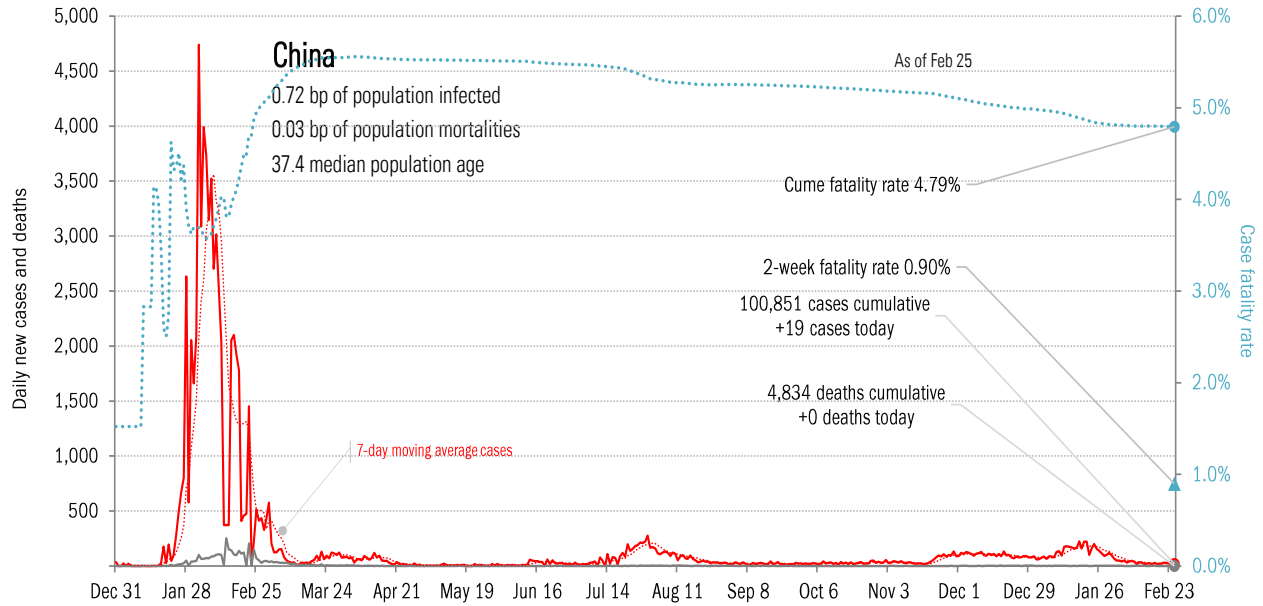
Source: [Covid Tracking Project](#), TrendMacro calculations

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



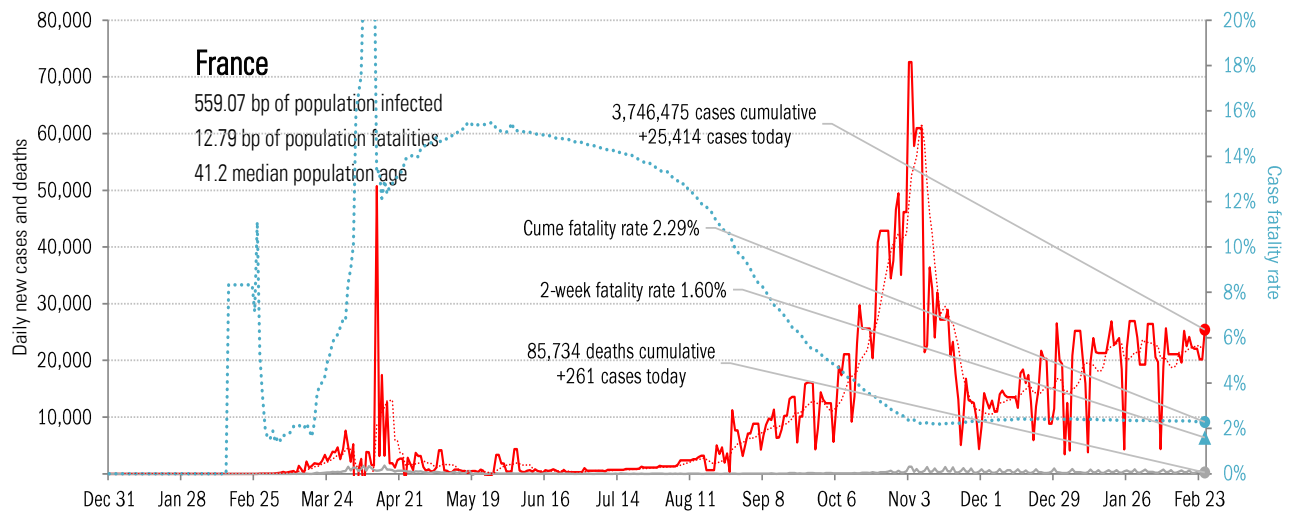
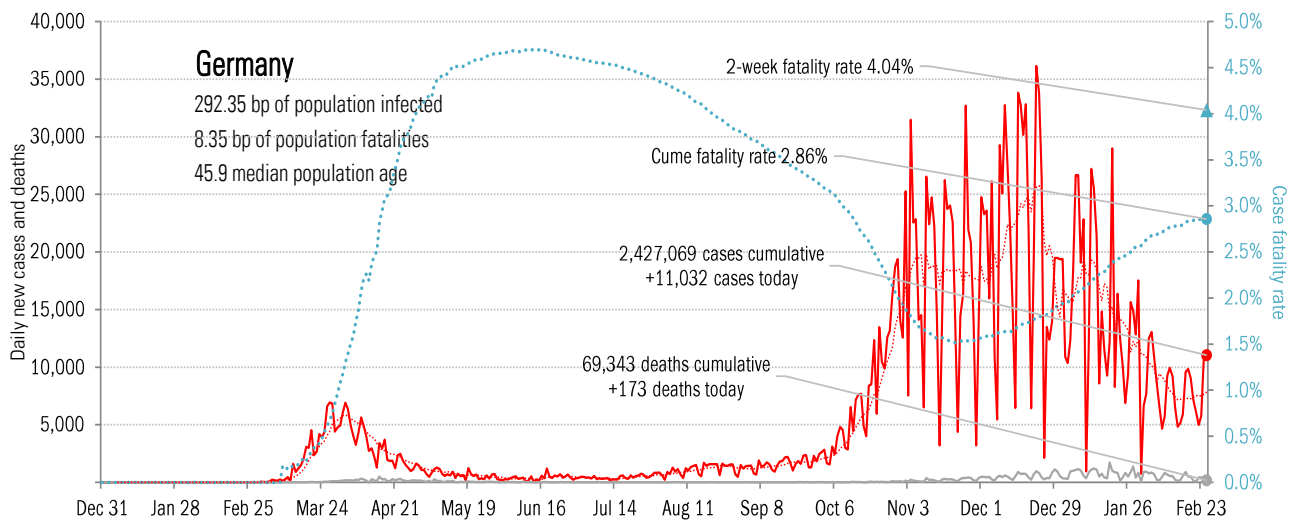
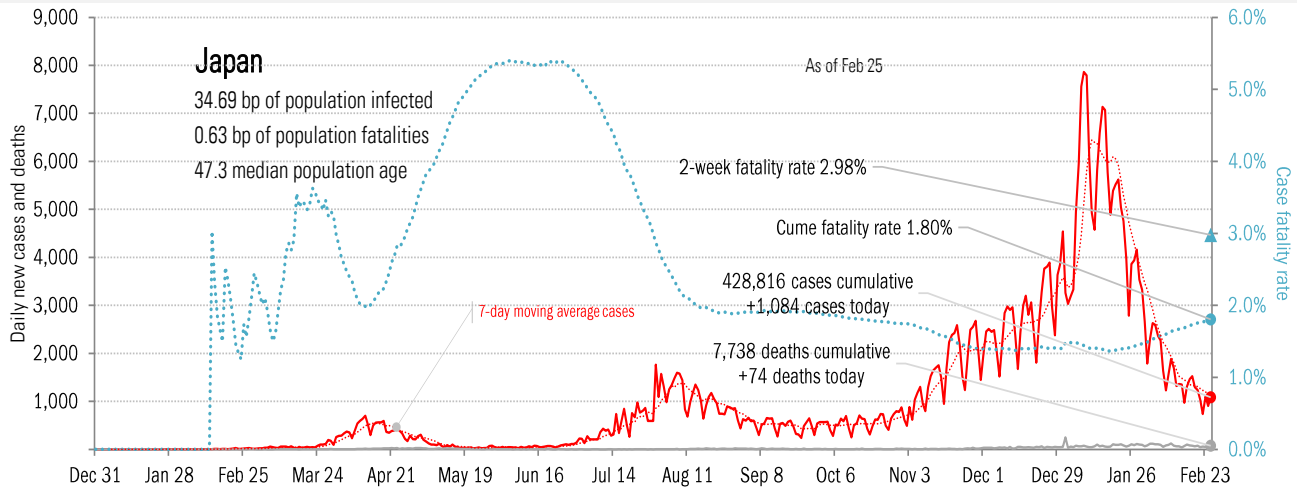
Source: [Covid Tracking Project](#), TrendMacro calculations

Patient zero... and then everyone else



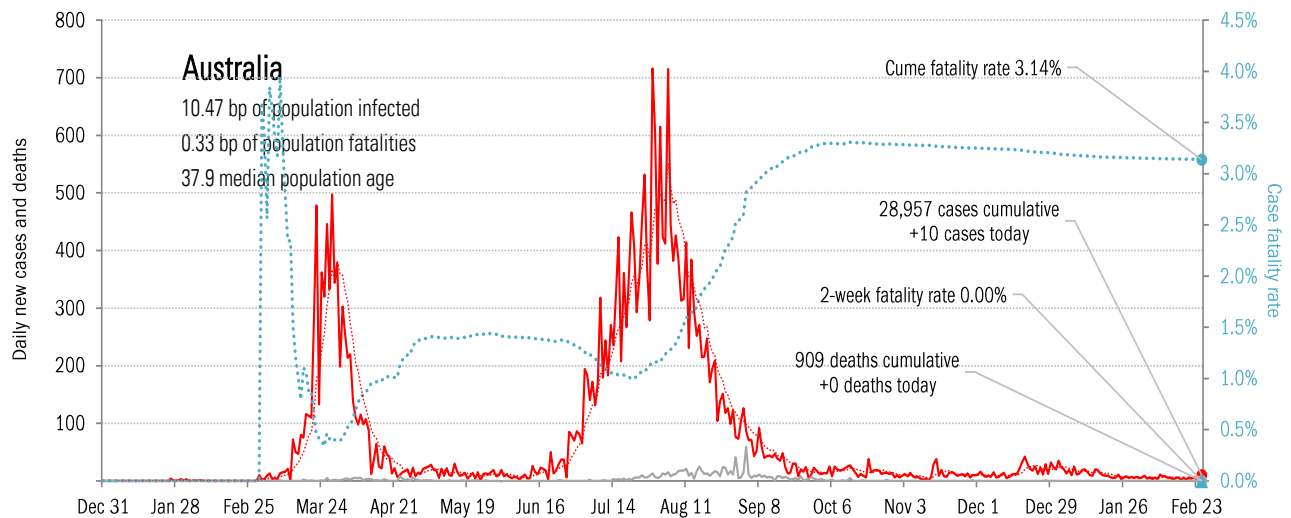
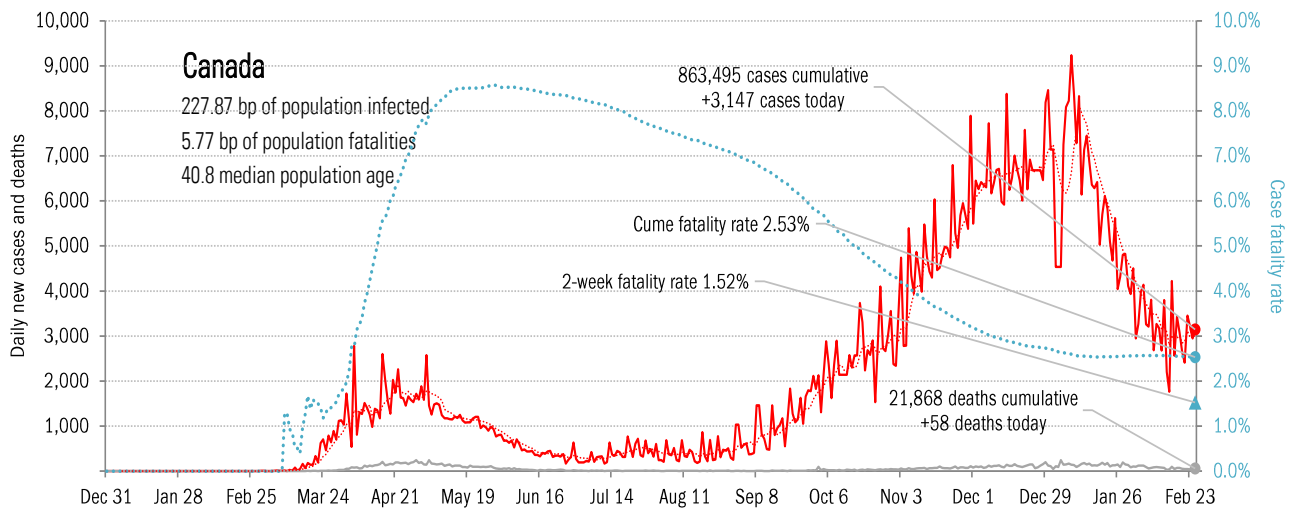
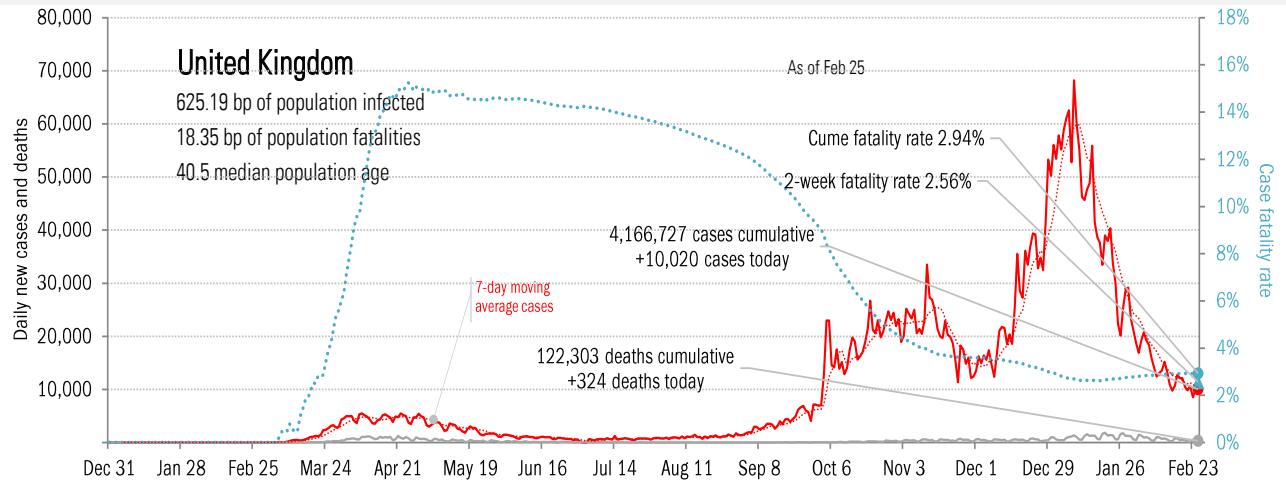
Source: [Johns Hopkins, Covid Tracking Project](#), TrendMacro calculations

Impact in the largest economies



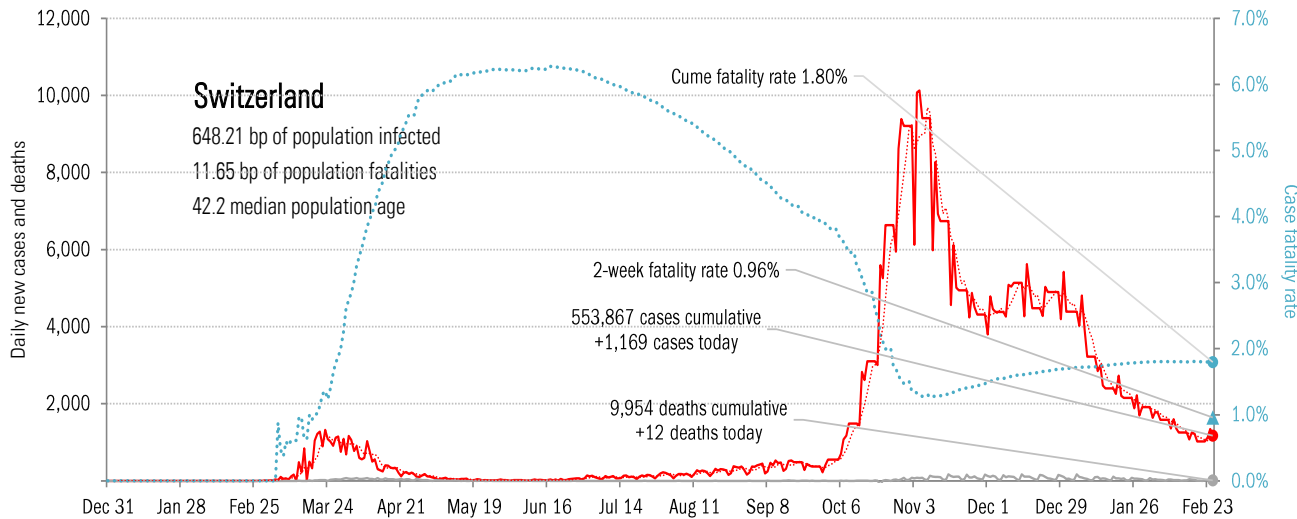
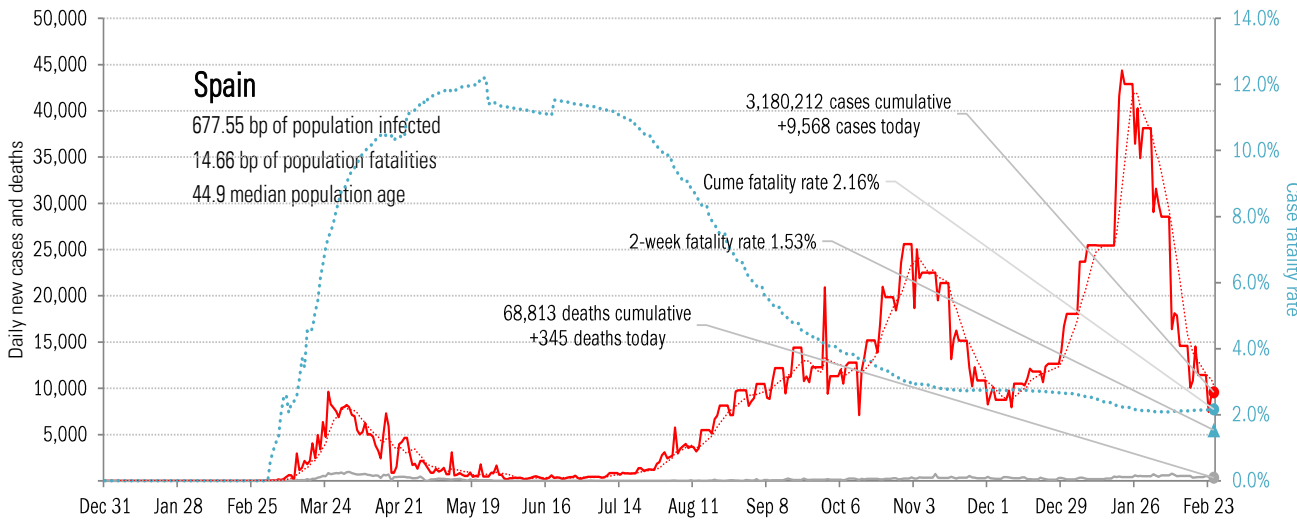
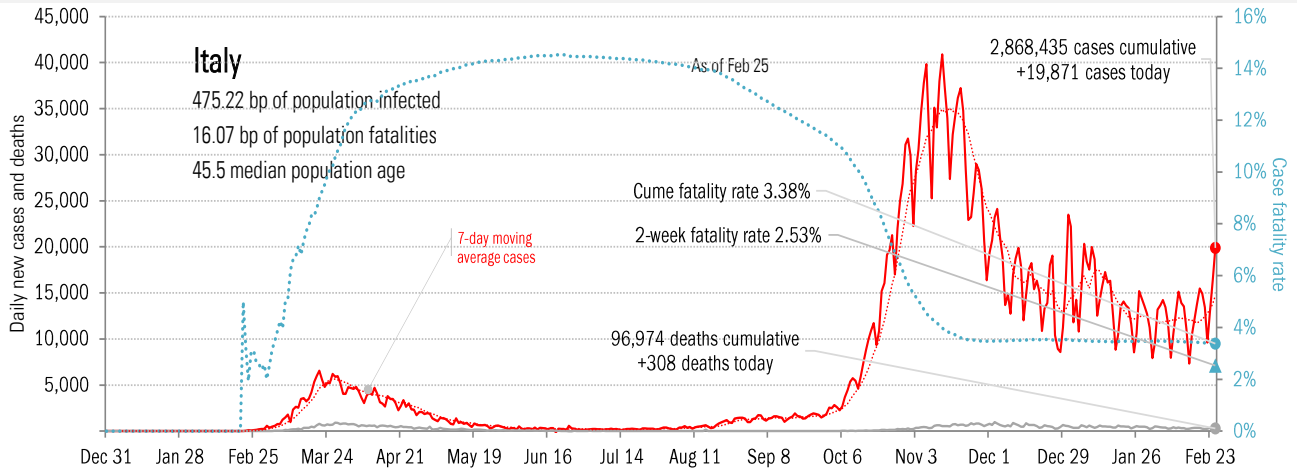
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



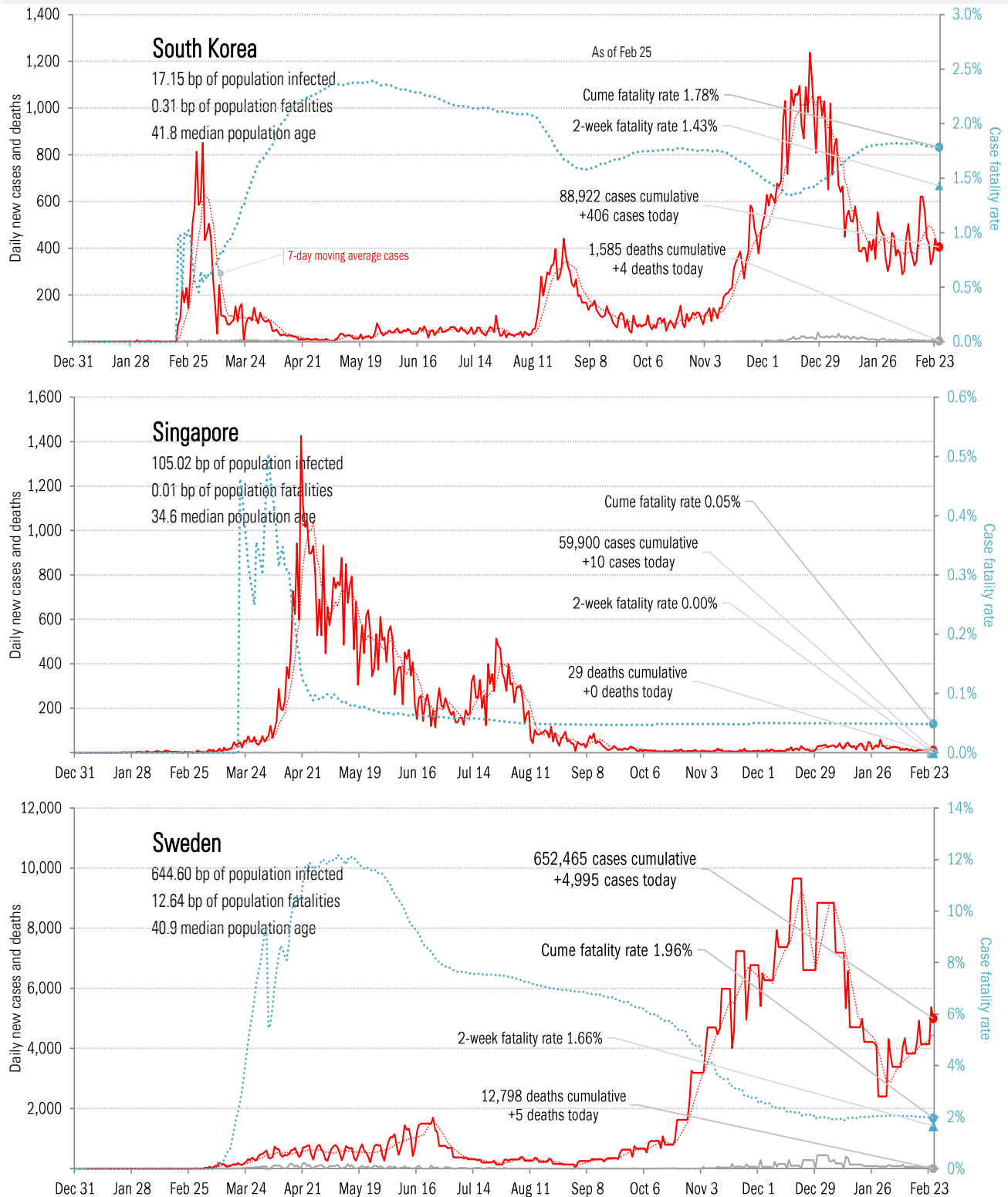
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



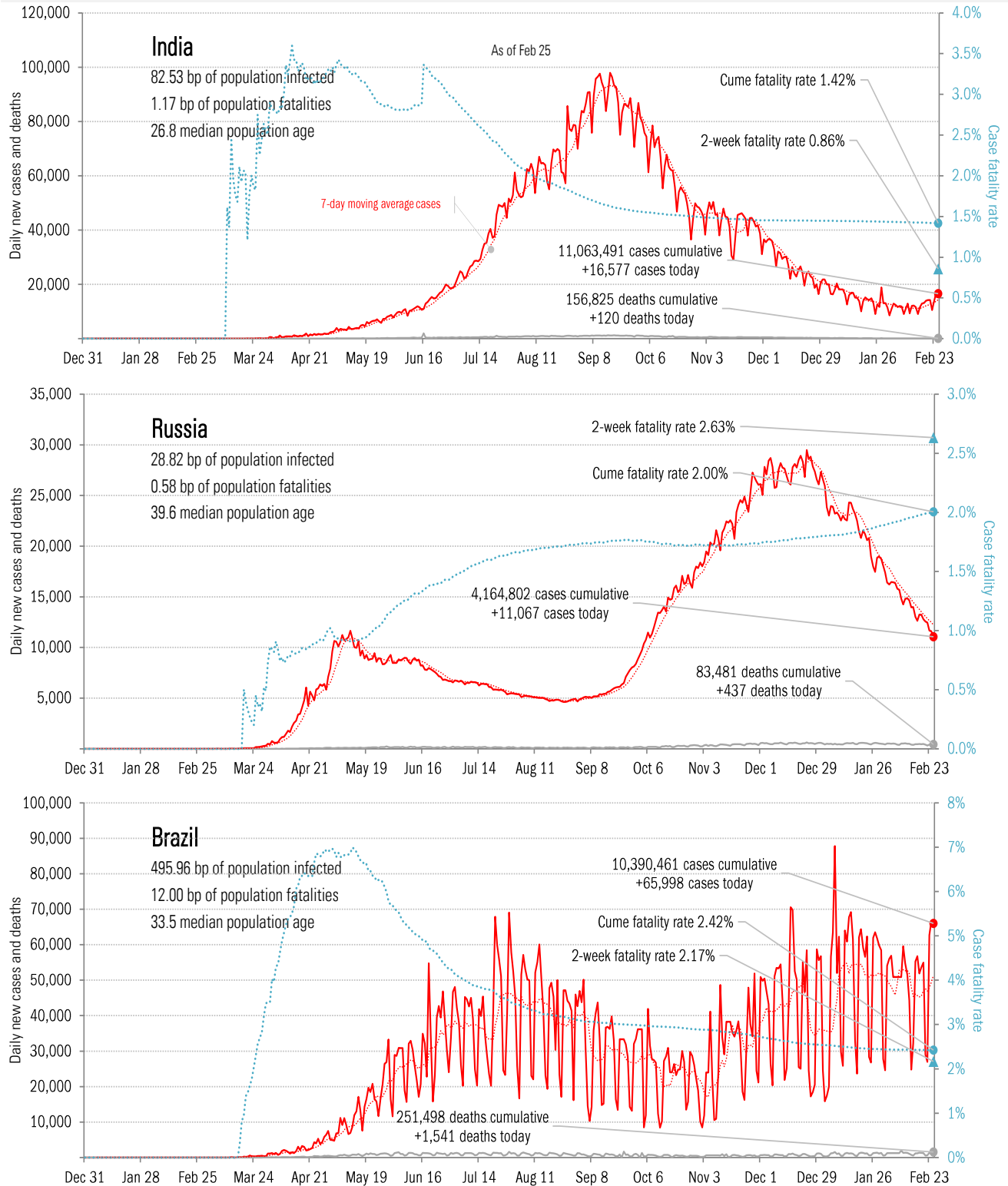
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



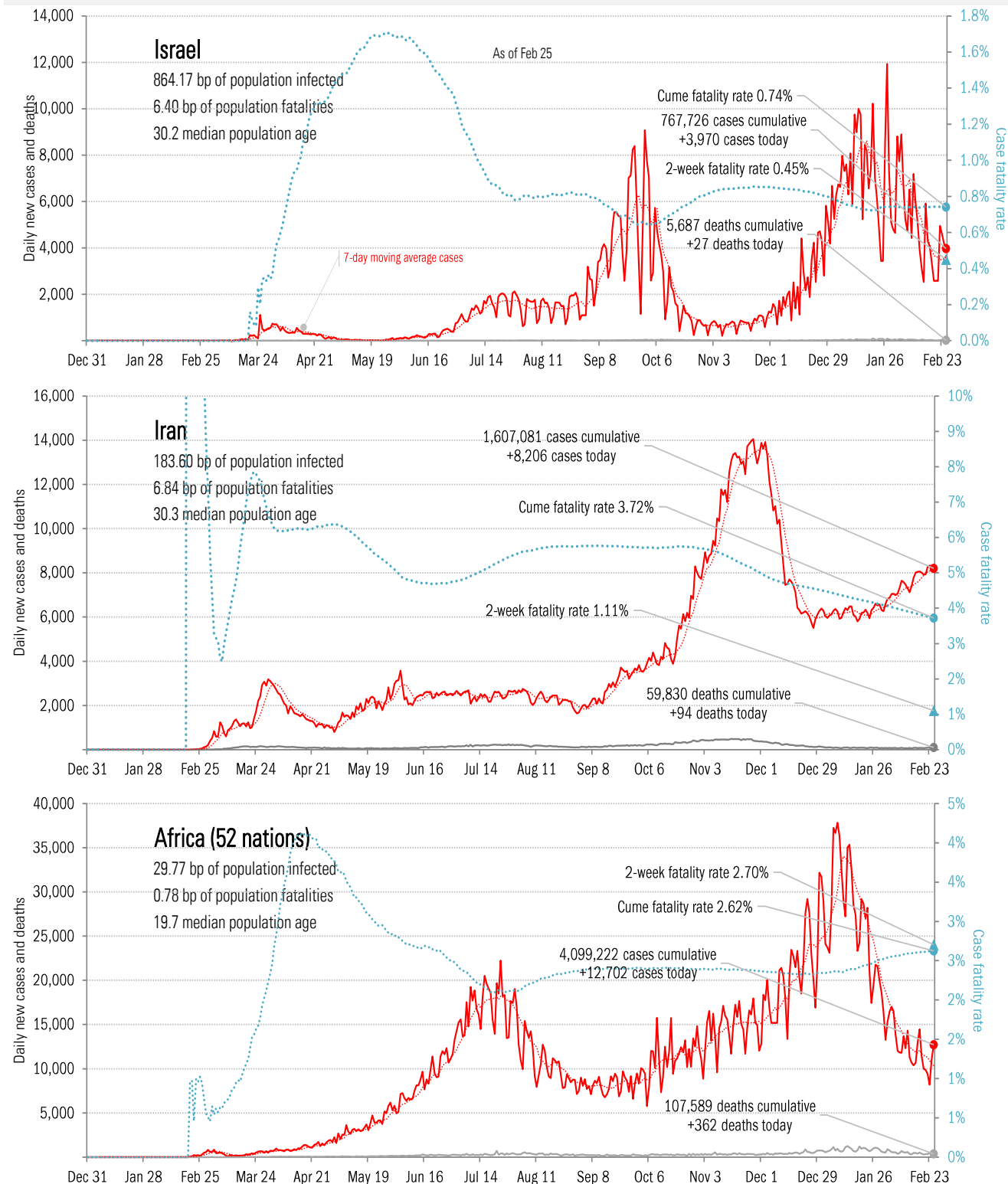
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



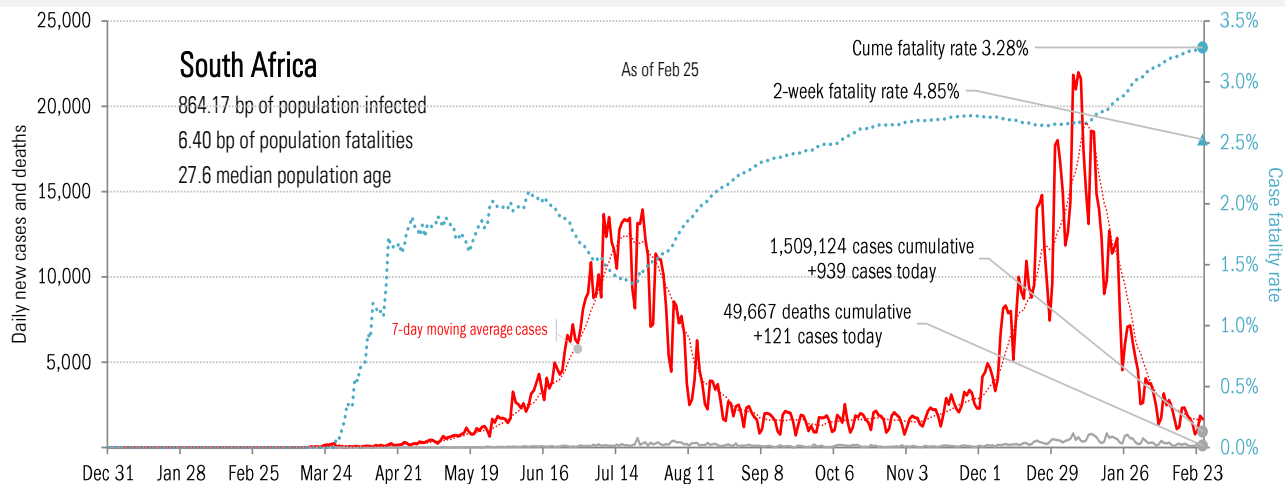
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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