

Data Insights: Covid-2019 Monitor

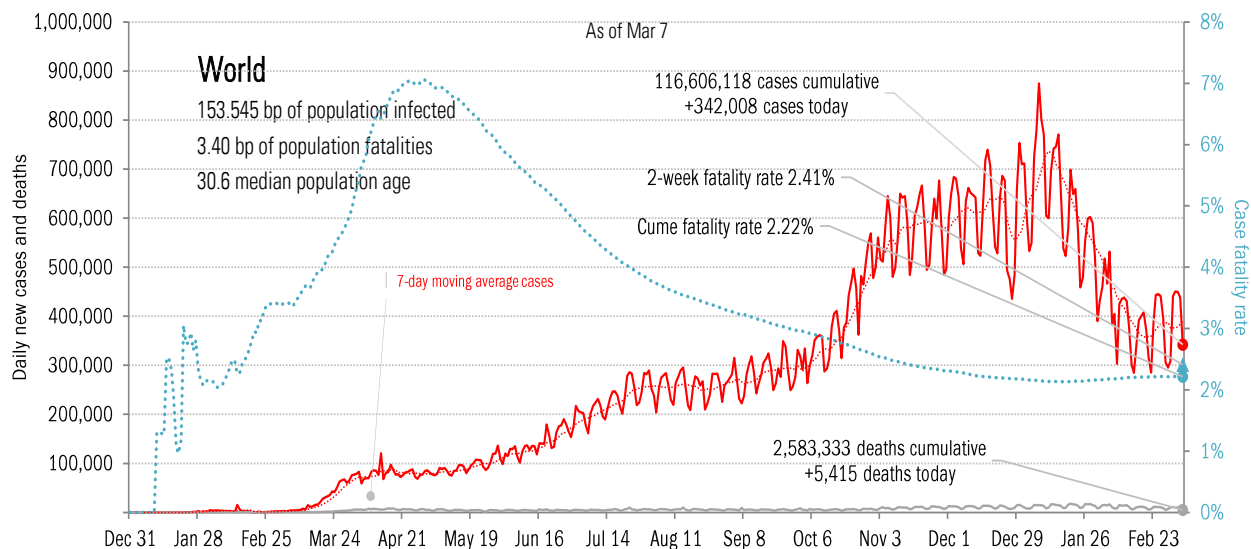
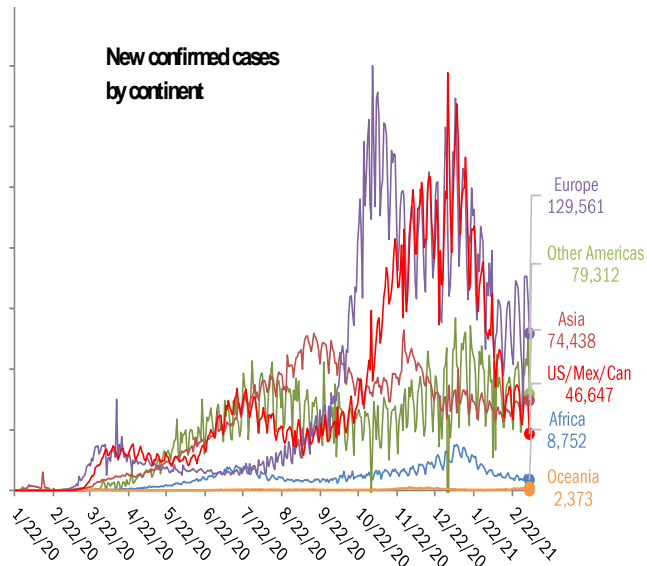
Monday, March 8, 2021

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+80,508	Brazil	+1,086
United States	+41,265	United States	+839
France	+21,835	Russia	+361
Italy	+20,724	Mexico	+247
India	+18,599	Italy	+207
Poland	+13,569	Peru	+190
Turkey	+11,187	Czechia	+159
Russia	+10,478	France	+130
Czechia	+9,167	Poland	+126
Iran	+8,010	Indonesia	+112
+235,342		+3,457	
World	+342,008	World	+5,415
Top ten	69%	Top ten	64%

New confirmed cases by continent



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

For more information contact us:

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The US scorecard

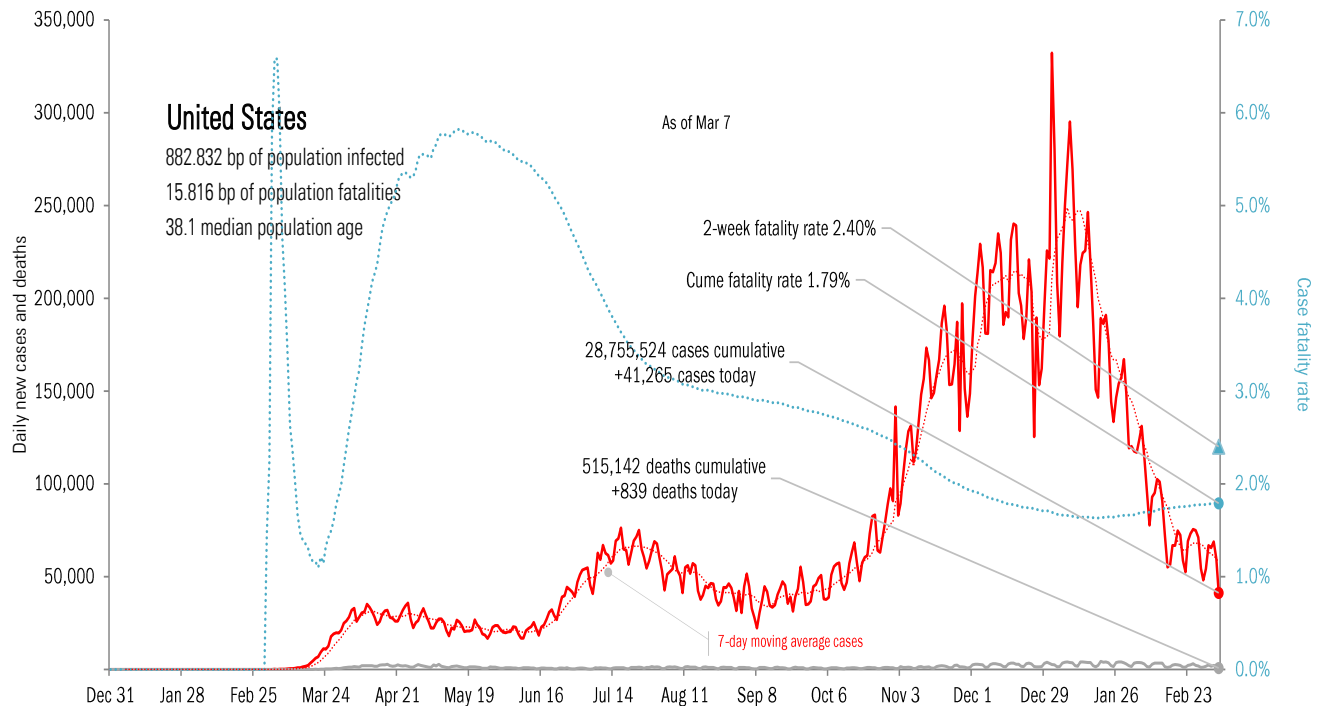
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
NY	+6,789		CA	+258		PA	+74		CA	3,501,394		CA	54,124		NY	89,995		R	87%	DE	87%
FL	+4,024		TX	+84		NM	+21		TX	2,686,818		TX	44,451		FL	82,237		MA	80%	GA	82%
CA	+3,816		VA	+77		VT	+5		FL	1,909,209		NY	39,029		NJ	64,396		CT	79%	DC	82%
TX	+2,953		FL	+66		ND	+2		NY	1,681,169		FL	32,266		AZ	57,907		MD	78%	MO	81%
NJ	+2,519		NY	+59		NE	+1		IL	1,198,335		PA	24,349		GA	56,797		DC	78%	RI	80%
GA	+1,709		MA	+43		AK	+0		GA	1,023,487		NJ	23,574		CH	50,881		MO	77%	AL	79%
PA	+1,658		SC	+35		AS	+0		CH	978,471		IL	23,014		AL	45,976		PA	77%	TX	79%
MA	+1,425		LA	+32		CO	+0		PA	948,643		GA	17,906		IN	43,217		GA	77%	FL	79%
SC	+1,408		PA	+32		CT	+0		NC	872,176		CH	17,656		MD	35,651		FL	77%	OK	77%
AZ	+1,335		AR	+22		DC	+0		AZ	826,454		MI	16,658		WI	26,457		CA	75%	NM	76%
+27,636			+708			+103			15,626,156			293,027			553,514						
All states	+41,265		+839			-1189			All states	28,755,524		515,142			878,613			All states	71%	70%	
Top ten	67%		84%			-9%			Top ten	54%		57%			63%			Median	70%	68%	

Some states not reporting

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-2,617	CA	-160	IL	-113	TX	+10,856
NC	-2,027	TX	-149	CH	-105	PA	+2,538
MI	-1,692	GA	-89	NY	-85	CH	+1,669
IL	-1,497	MI	-57	TX	-56	NM	+1,554
TN	-1,312	NC	-56	NJ	-51	MIN	+885

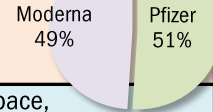


Source: [Covid Tracking Project](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

US overall	Over last day	Share pop full immunization
116.36 million doses distributed	+0.01 million/day	United States 9.2%
90.35 million doses administered	+2.44 million/day	United Kingdom 1.7%
58.87 million persons with one shot	+1.51 million/day	France 2.8%
30.69 million persons with two shots	+0.91 million/day	Spain 2.9%
7.39 million shots long-term care residents/staff	+0.04 million/day	Germany 2.9%
		Italy 2.7%
		Australia 0.8%
		Israel 43.8%
		Canada 1.5%
		Japan 2.7%
		China 3.0%
		India 0.3%
		Brazil 1.3%

77.6% of distributed doses administered
 17.7% of US pop 1 shot 9.2% 2 shots
 100% of LTC 1 shot 58.6% 2 shots



At today's dosing pace,
 every American will have two in
232 days
 by Oct 25, 2021
 US will achieve herd immunity in
101 days
 by Jun 15, 2021

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

AK
58.3%
24.7%
15.6%

ME
37.5%
20.0%
10.1%

WI
33.1%
19.4%
10.8%

VT
41.8%
19.7%
10.3%

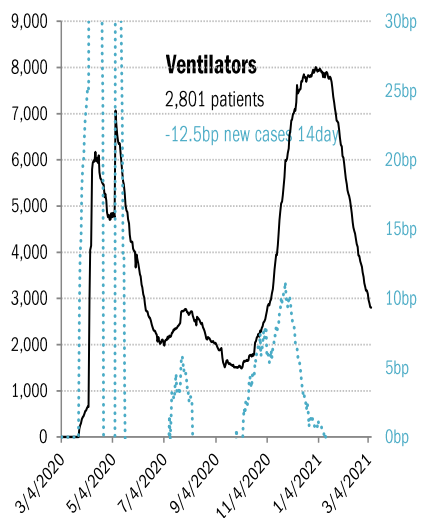
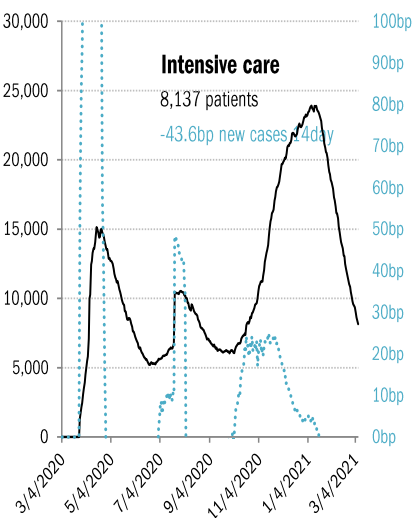
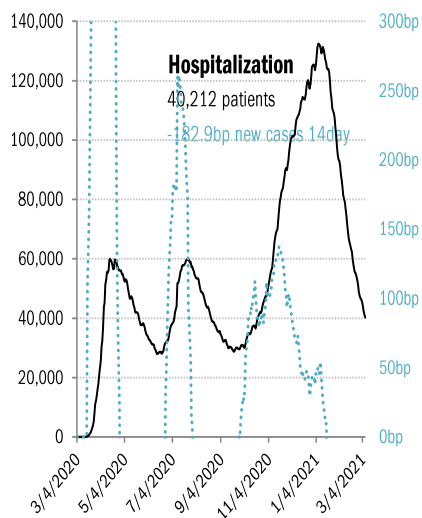
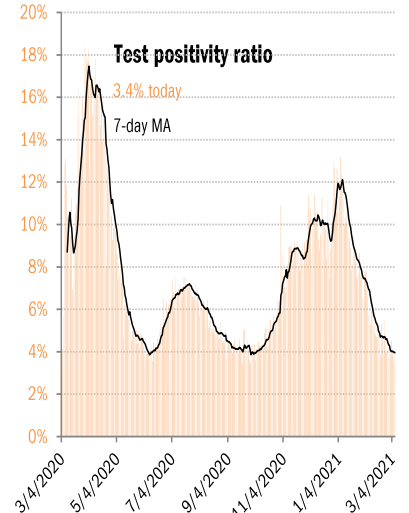
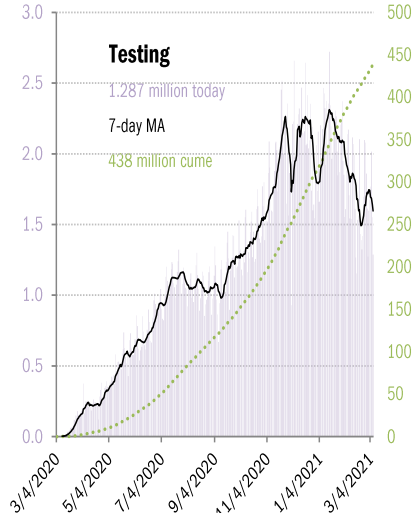
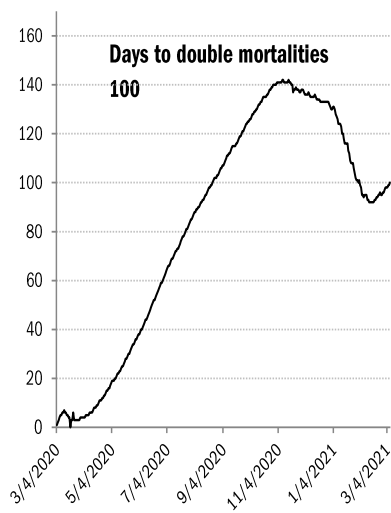
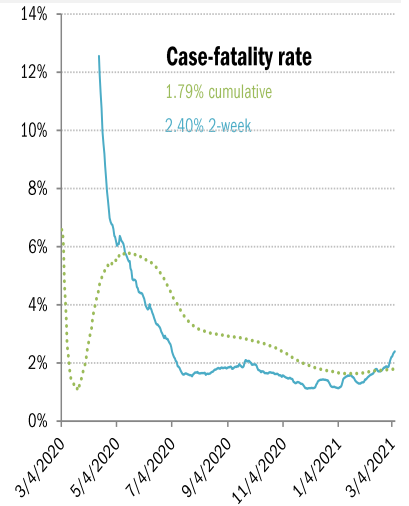
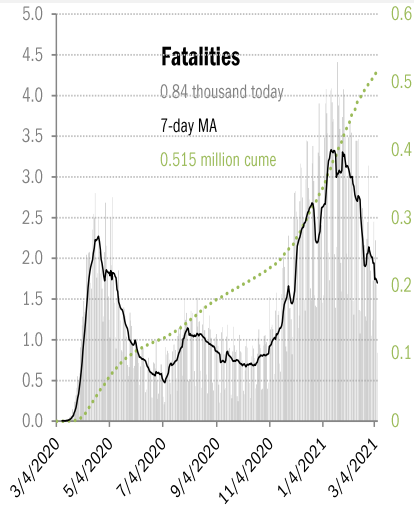
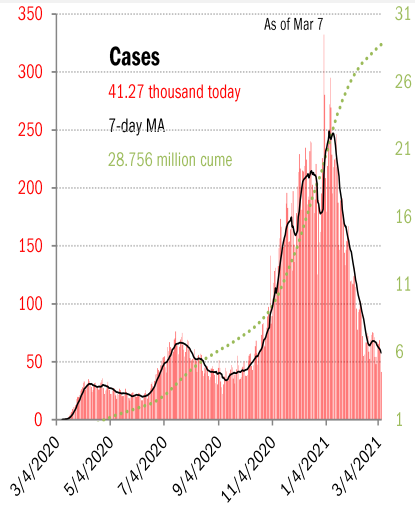
WA	ID	MT	ND	MN	IL	MI	NY	MA		
34.9%	33.2%	38.5%	39.4%	34.6%	34.6%	33.7%	36.0%	36.2%		
18.0%	16.6%	20.3%	22.4%	19.9%	18.5%	17.6%	17.7%	21.2%		
10.0%	9.3%	11.2%	11.9%	10.0%	8.8%	9.8%	8.7%	9.6%		
OR	NV	WY	SD	IA	IN	OH	PA	NJ	CT	RI
33.7%	33.6%	40.8%	45.2%	35.1%	32.8%	34.7%	36.3%	34.6%	40.2%	36.6%
17.6%	17.1%	19.2%	23.9%	20.0%	16.8%	17.1%	17.8%	19.7%	24.0%	21.6%
10.0%	9.2%	11.1%	12.6%	8.7%	10.4%	9.4%	8.1%	9.9%	9.1%	8.6%
CA	UT	CO	NE	MO	KY	WV	VA	MD	DE	
35.1%	31.0%	35.1%	36.8%	33.1%	34.8%	40.4%	33.8%	35.0%	37.2%	
18.2%	15.1%	18.2%	18.4%	16.4%	19.0%	20.3%	18.4%	18.0%	17.5%	
8.5%	6.6%	9.9%	10.0%	8.6%	9.6%	12.8%	10.1%	10.0%	10.1%	
AZ	NM	KS	AR	TN	NC	SC	DC			
36.0%	43.0%	37.5%	36.1%	33.8%	34.6%	31.9%	47.8%			
19.1%	25.2%	17.4%	16.2%	15.3%	17.2%	16.5%	14.0%			
9.8%	14.1%	8.8%	9.1%	8.3%	9.4%	9.5%	7.1%			
OK	LA	MS	AL	GA						
44.0%	35.3%	35.9%	33.2%	32.4%						
20.3%	16.0%	16.8%	14.8%	13.2%						
11.6%	9.0%	9.0%	8.3%	8.4%						
HI	TX	FL	PR							
42.2%	31.9%	36.2%	39.2%							
19.2%	14.9%	17.3%	12.5%							
11.8%	8.1%	9.5%	7.2%							

As of Mar 7

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

US deep-dive

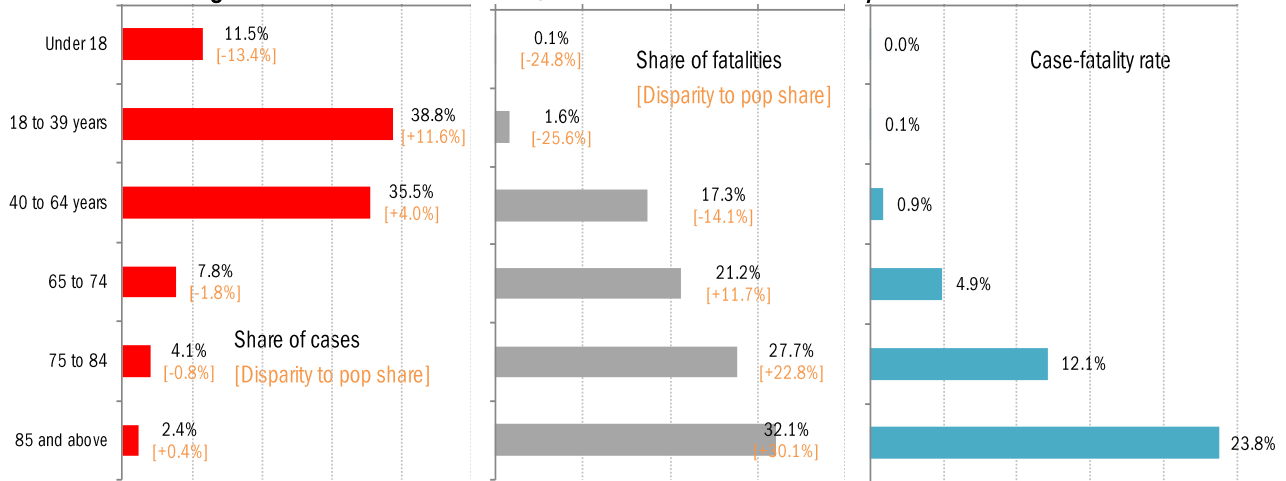
National and state-by-state data do not line up because of different sources



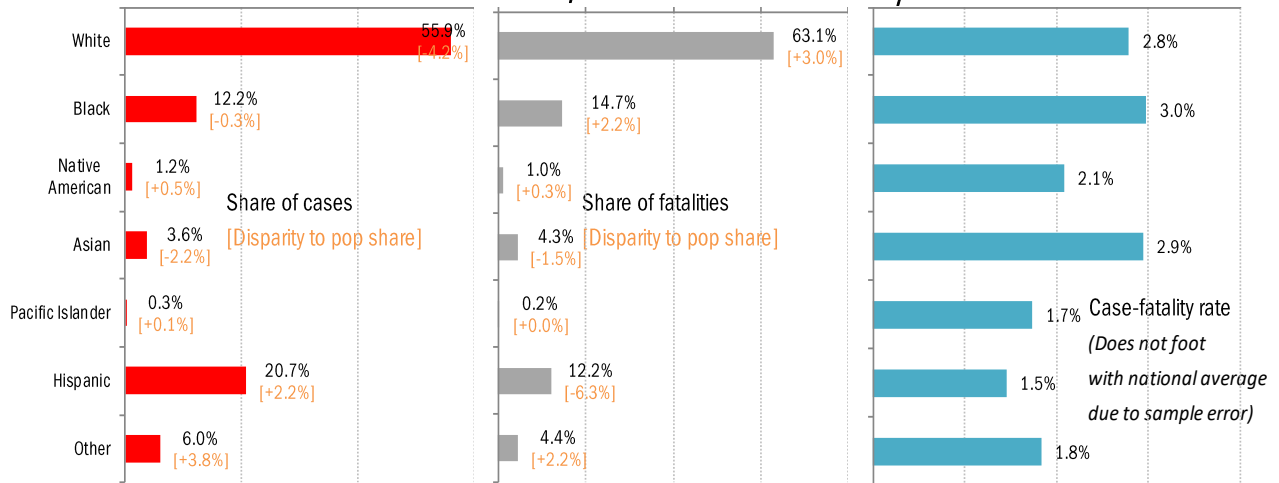
Source: [Covid Tracking Project](#), TrendMacro calculations

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

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

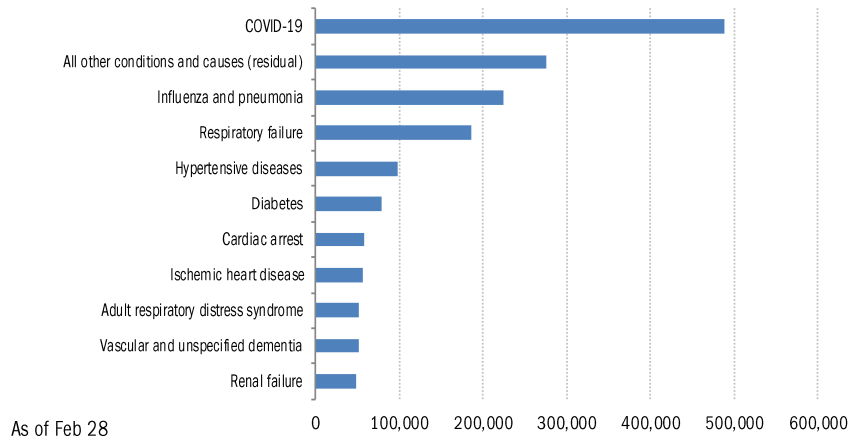


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[Top State Leader Says 'Cuomo Must Resign.' Governor Says 'No Way.'](#)

Jesse McKinley and J. David Goodman
New York Times
March 7, 2021

[A Betrayal Of Trust: Anthony Fauci & The Swine Flu Hoax](#)

Tim Brown
Washington Standard
March 5, 2021

[After Pandemic, Film Industry's Hollywood Ending May Have to Wait](#)

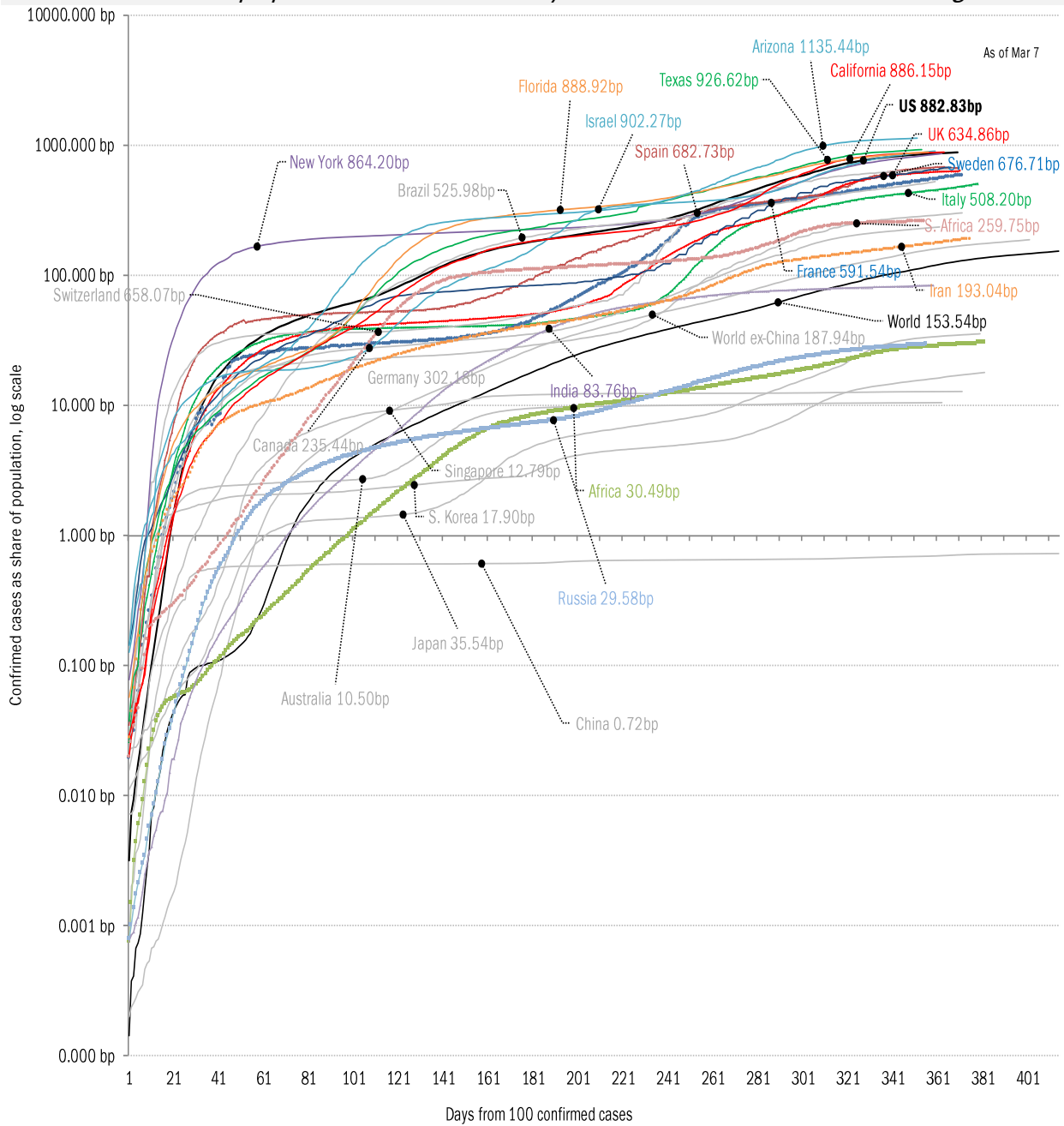
Brooks Barnes
New York Times
March 7, 2021

Meme of day



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

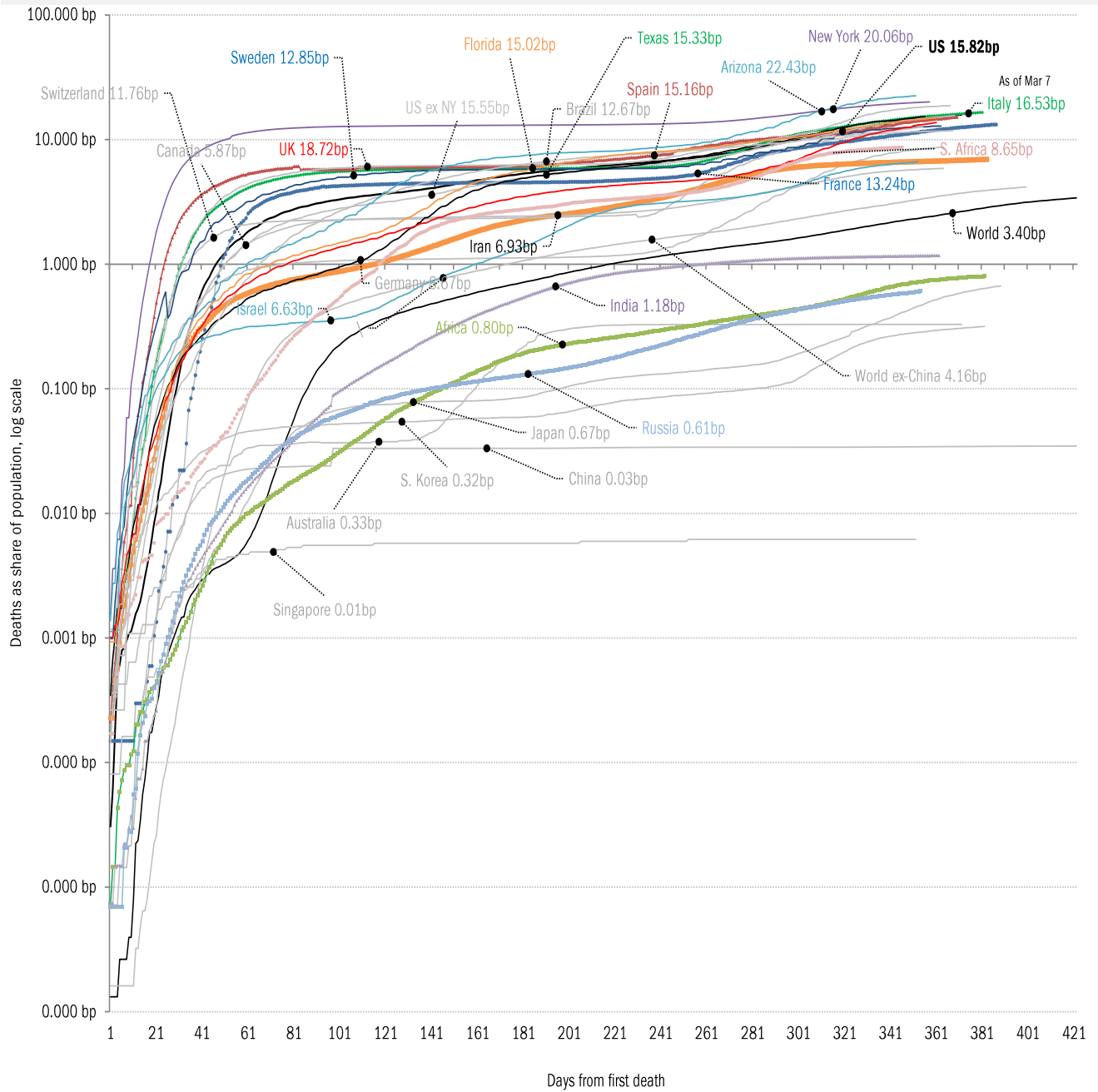
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

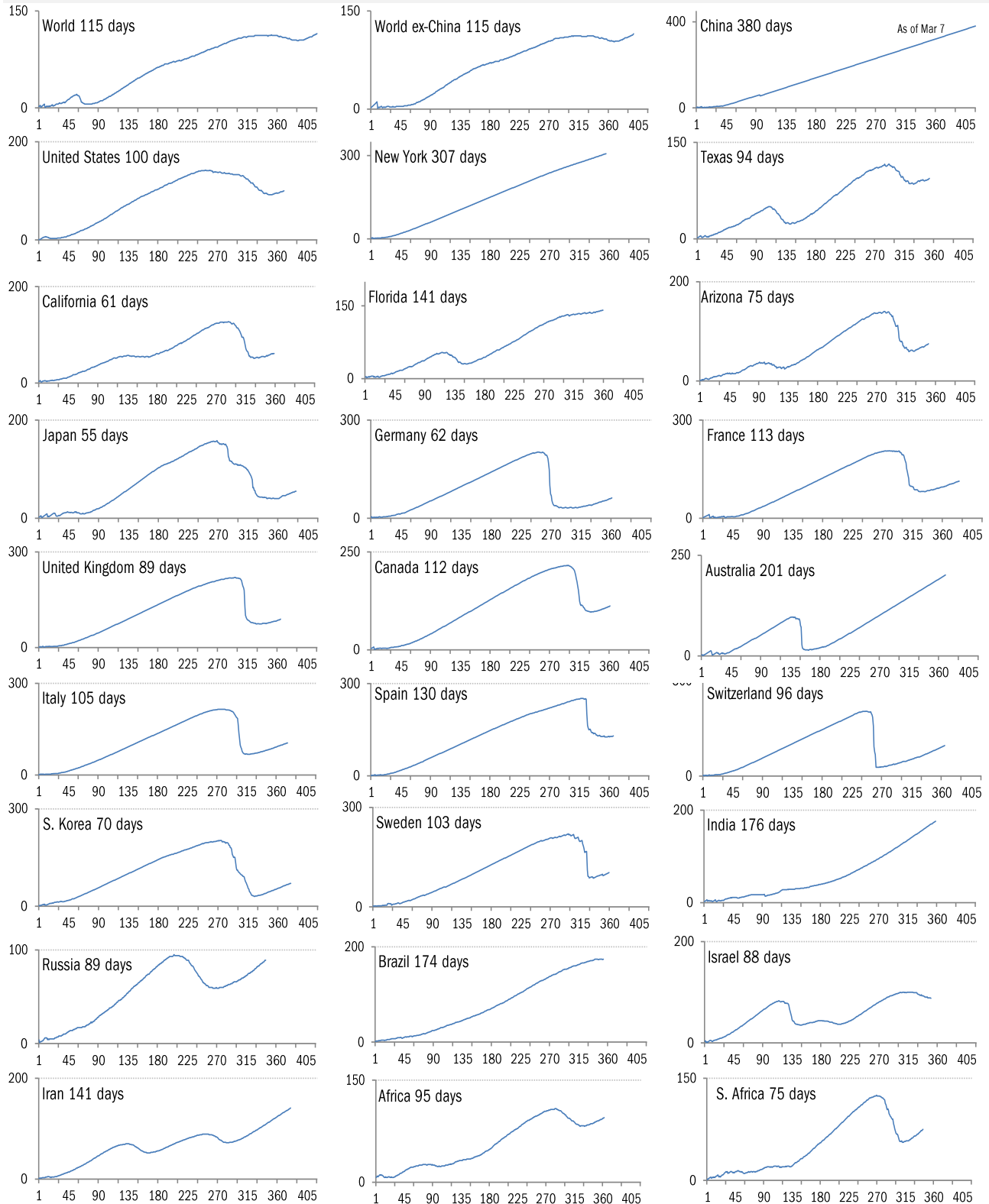


Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

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

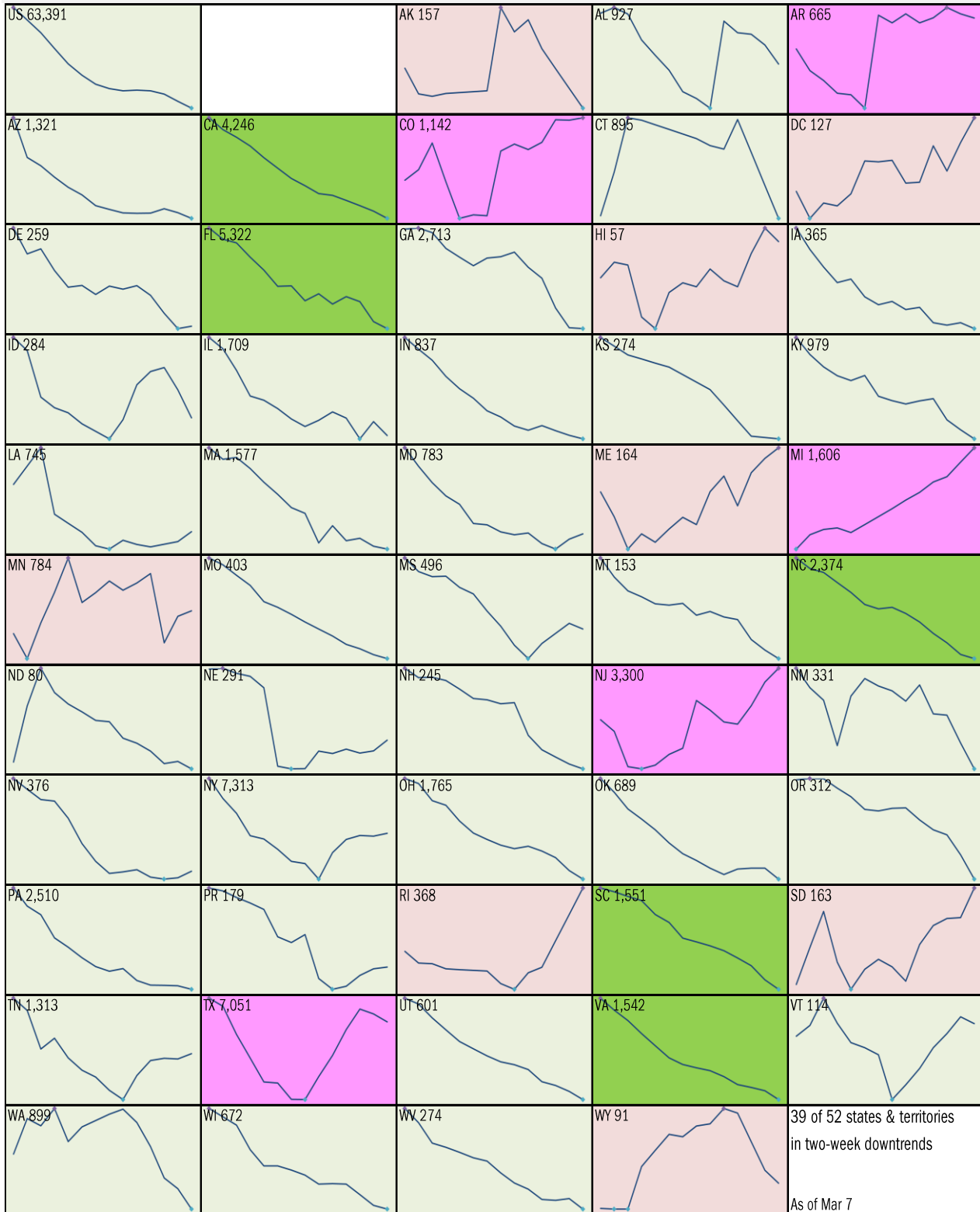
Vertical: days to double deaths Horizontal: days from first death

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

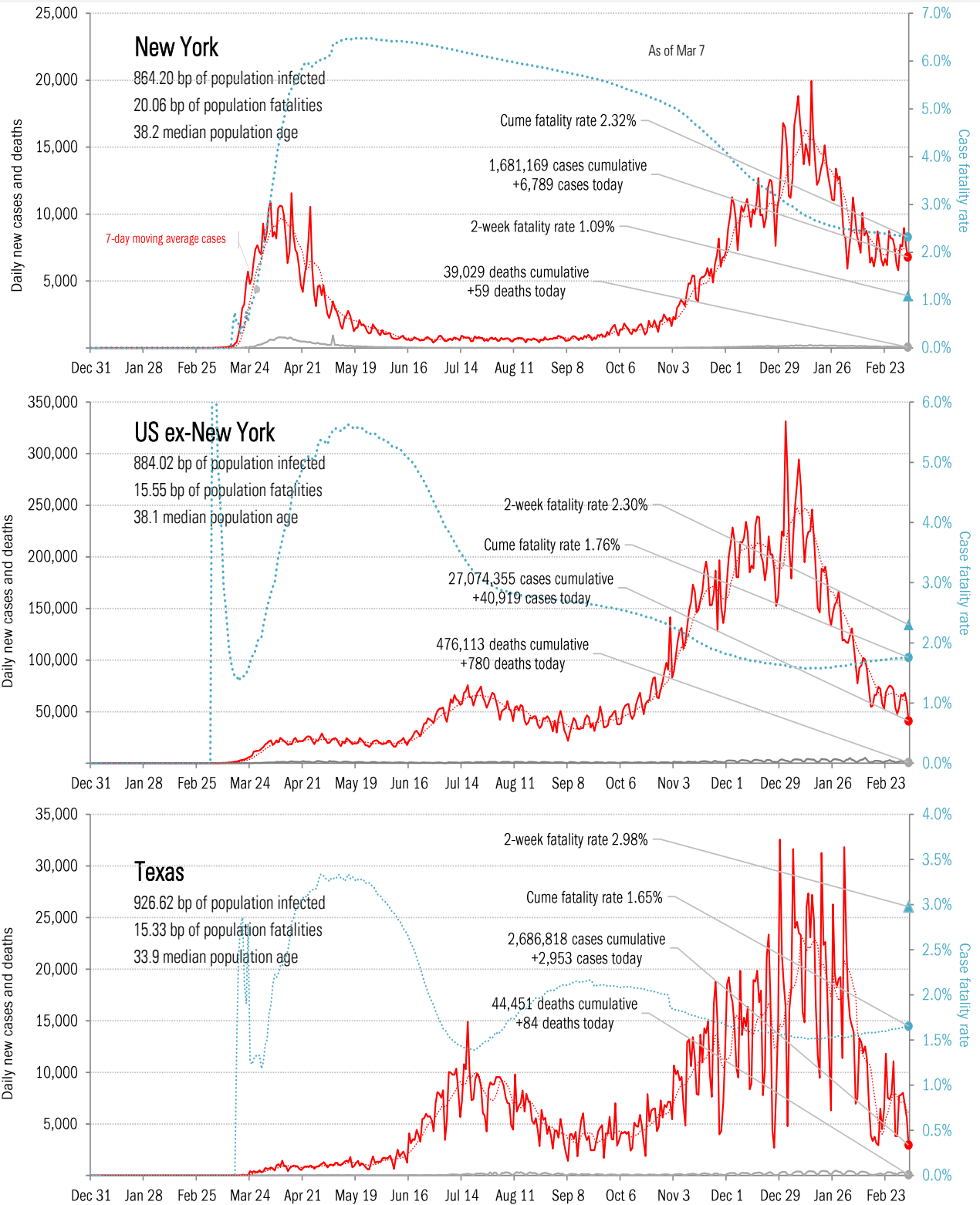
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



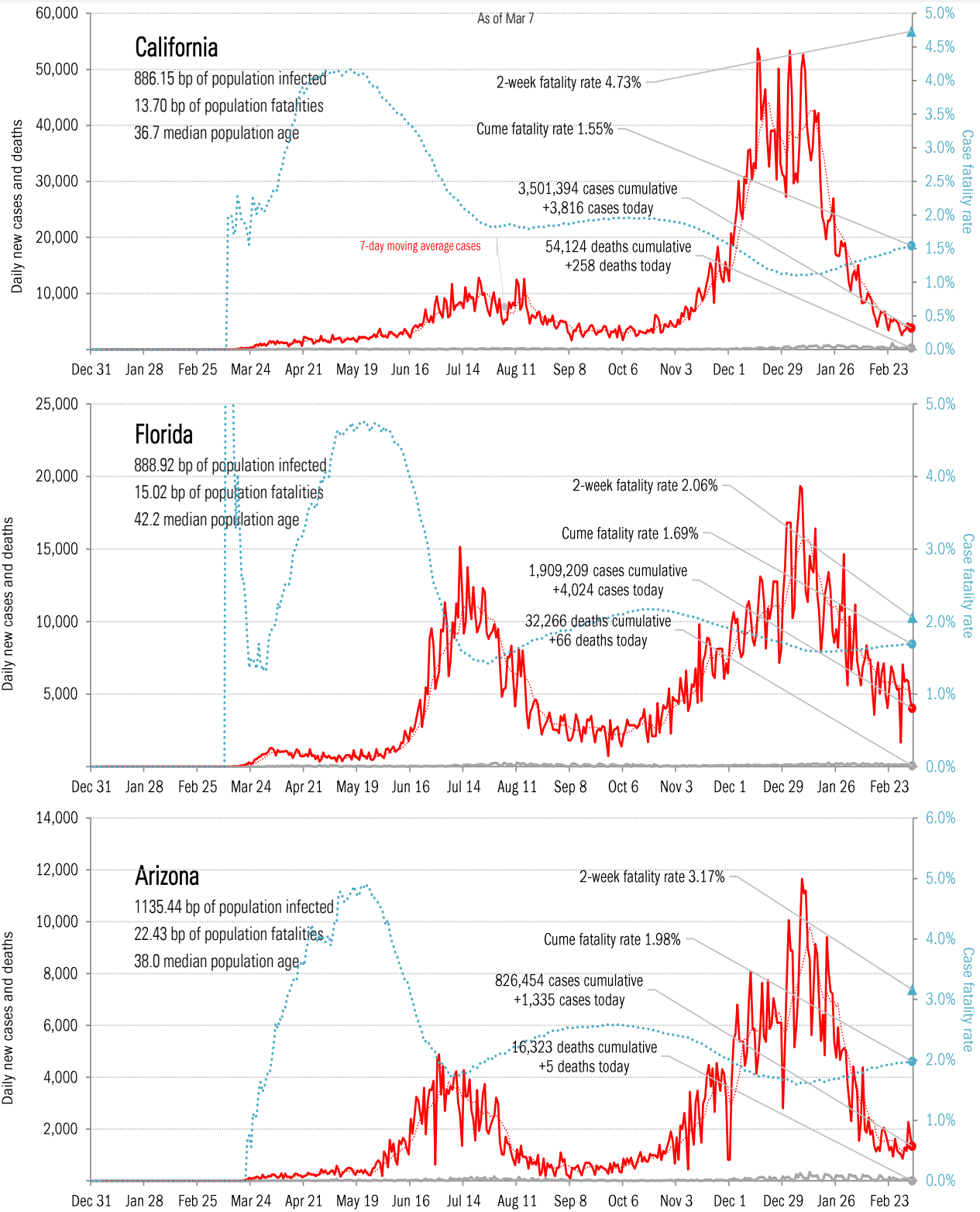
Source: [Covid Tracking Project](#), TrendMacro calculations

From Ground Zero to the Rio Grande



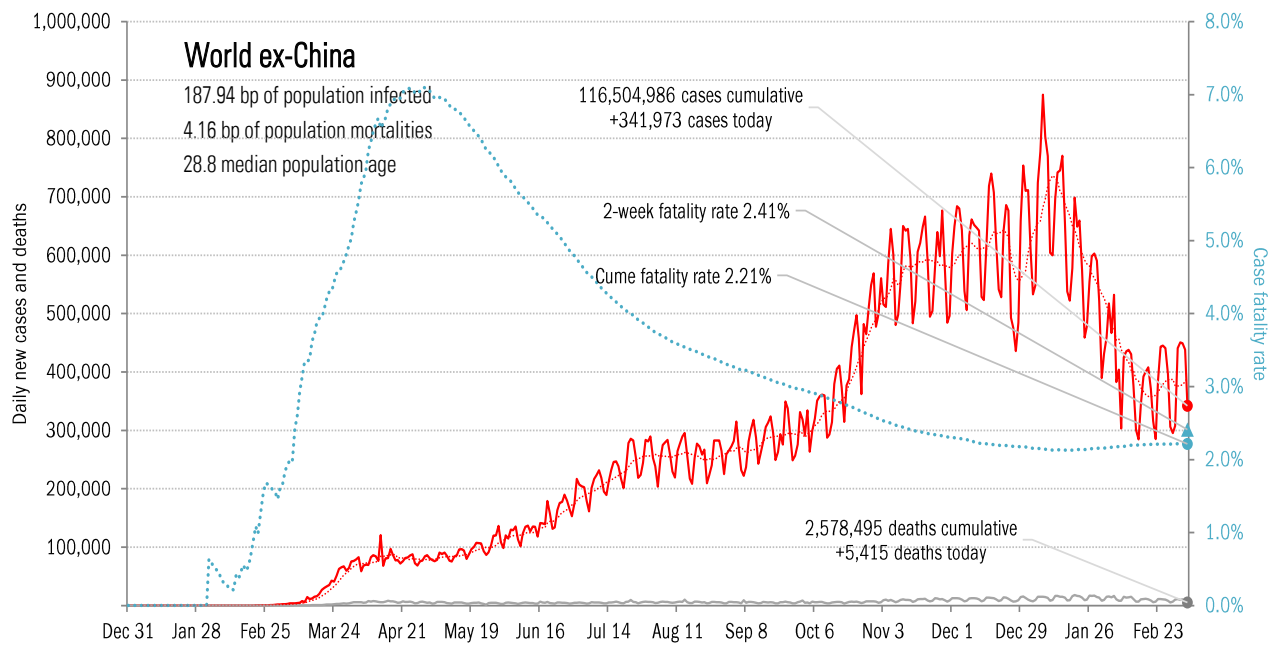
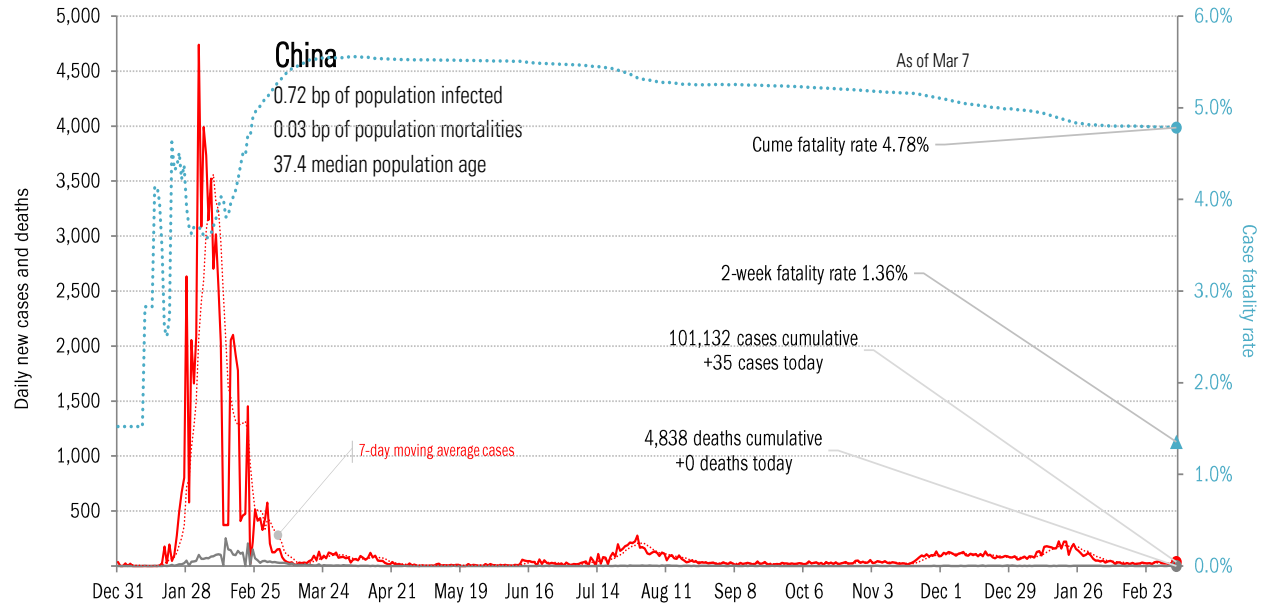
Source: [Covid Tracking Project](#), TrendMacro calculations

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



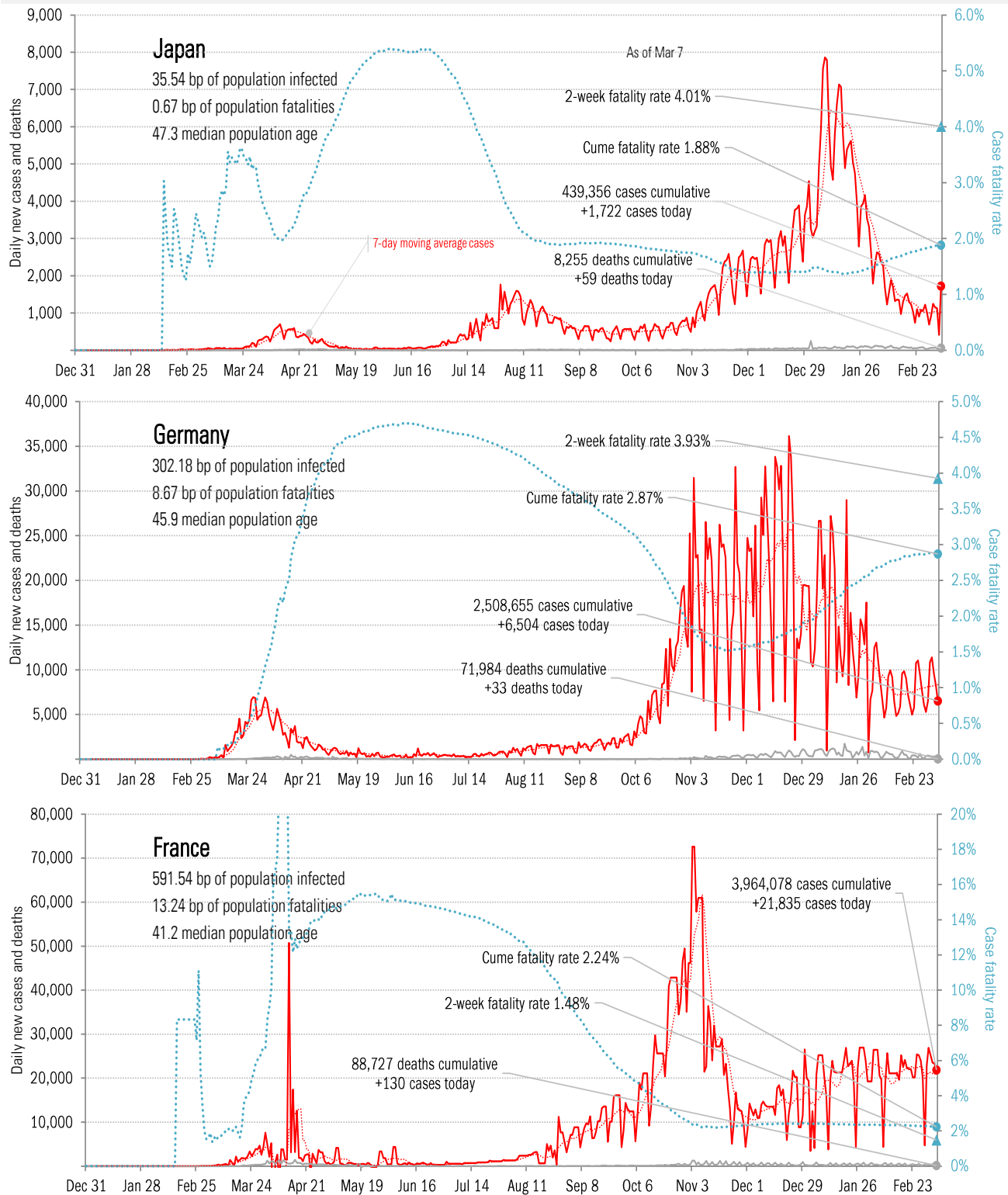
Source: [Covid Tracking Project](#), TrendMacro calculations

Patient zero... and then everyone else



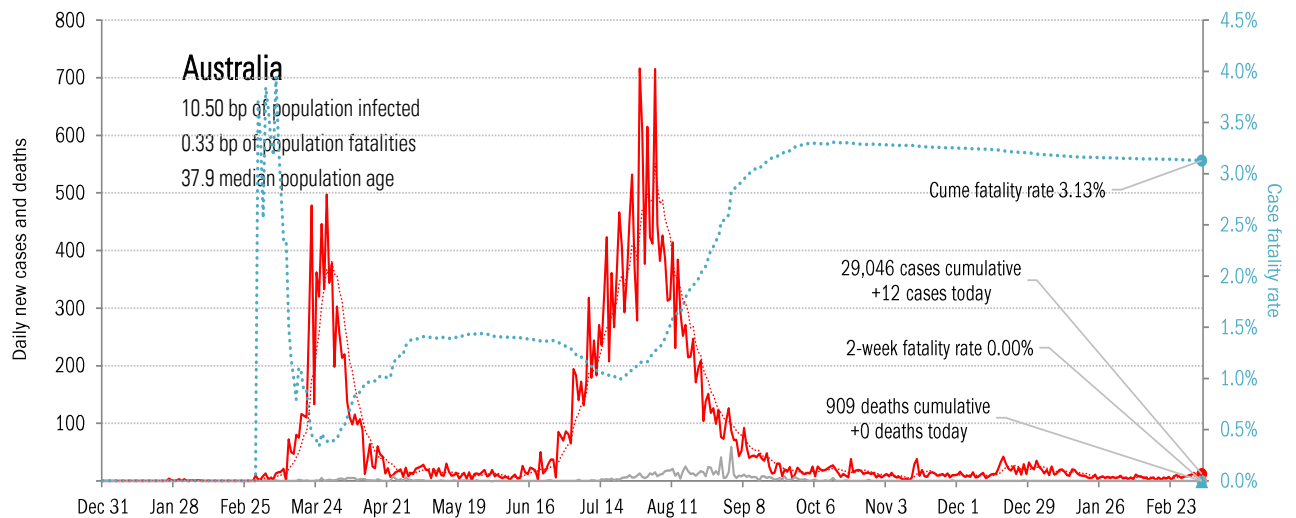
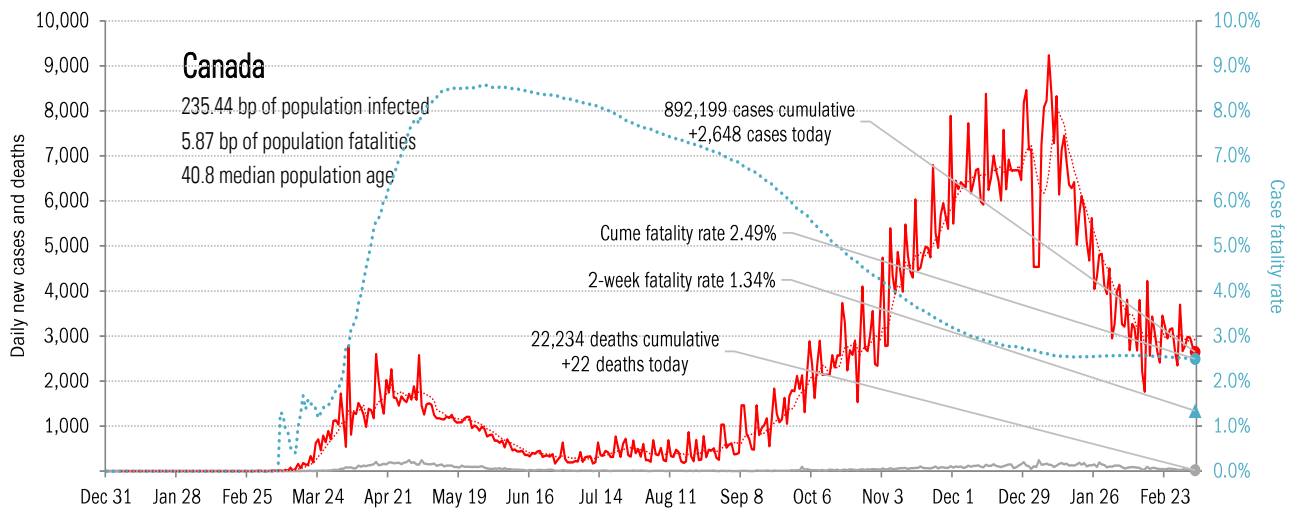
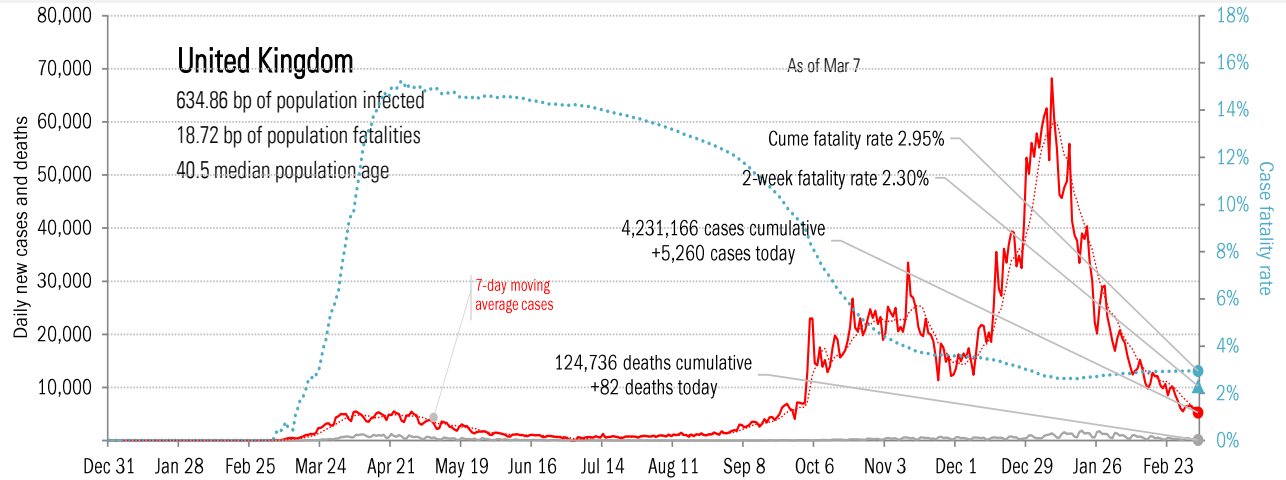
Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

Impact in the largest economies



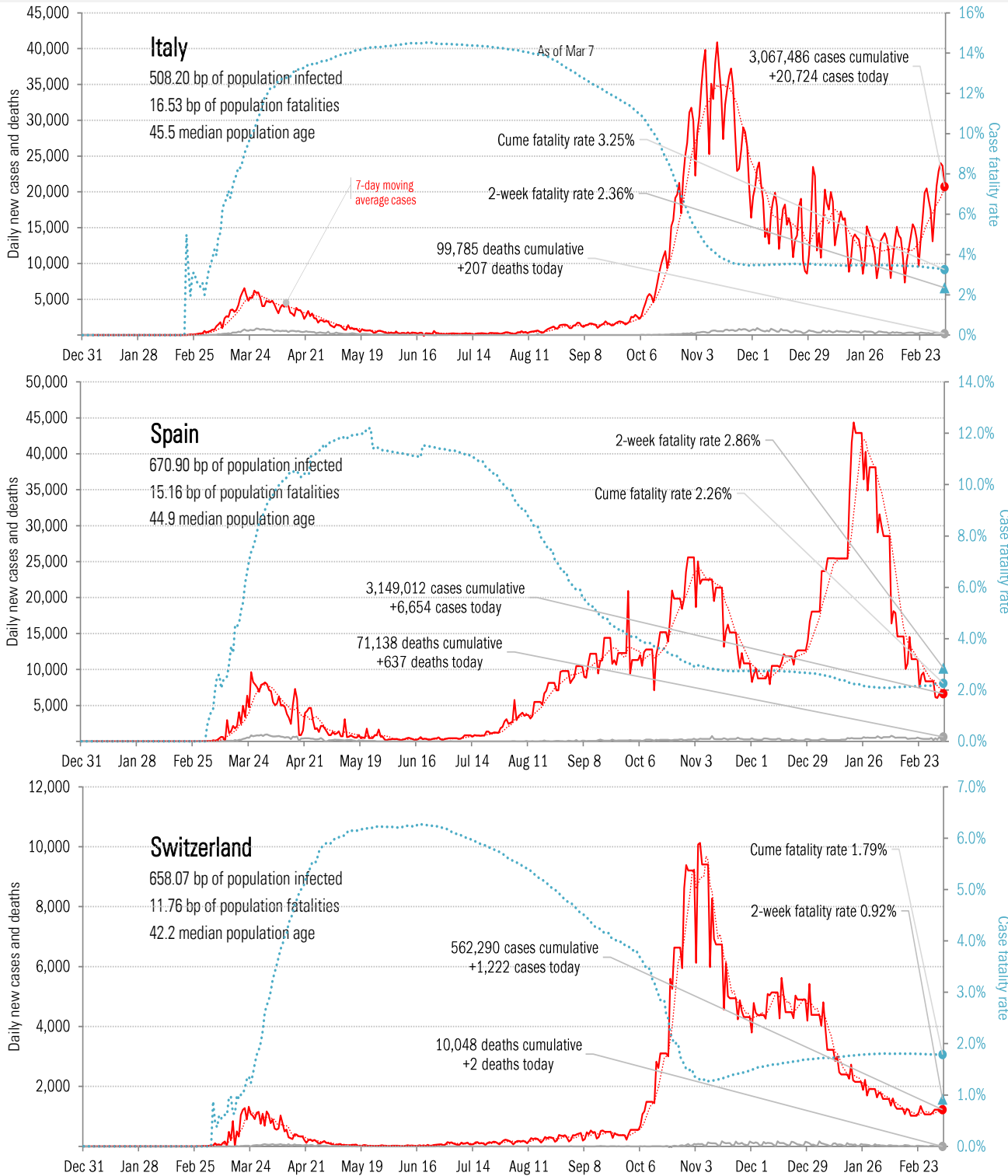
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



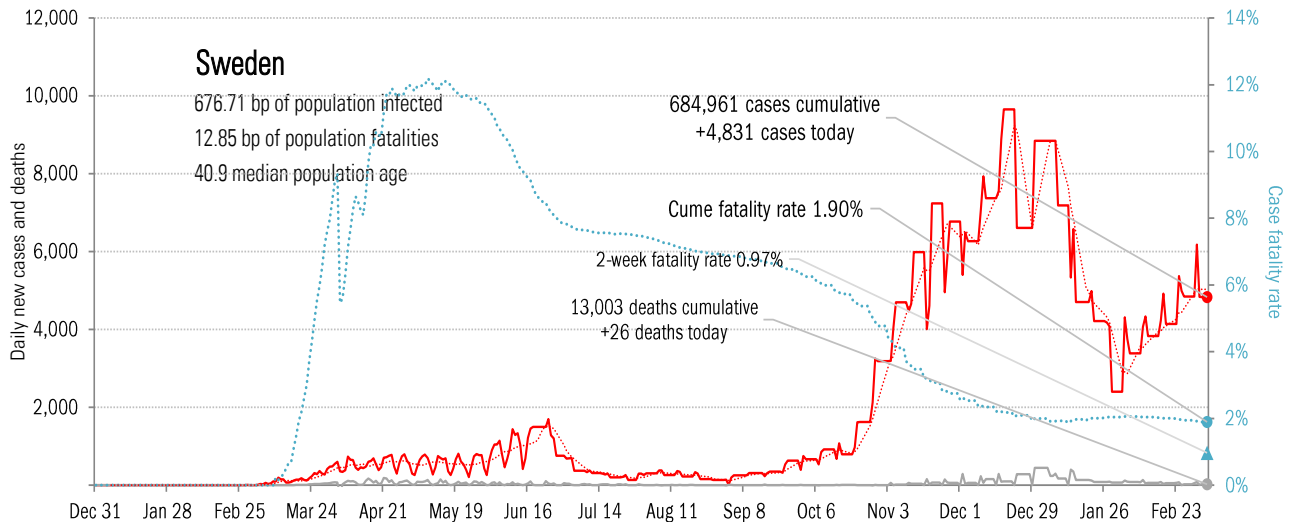
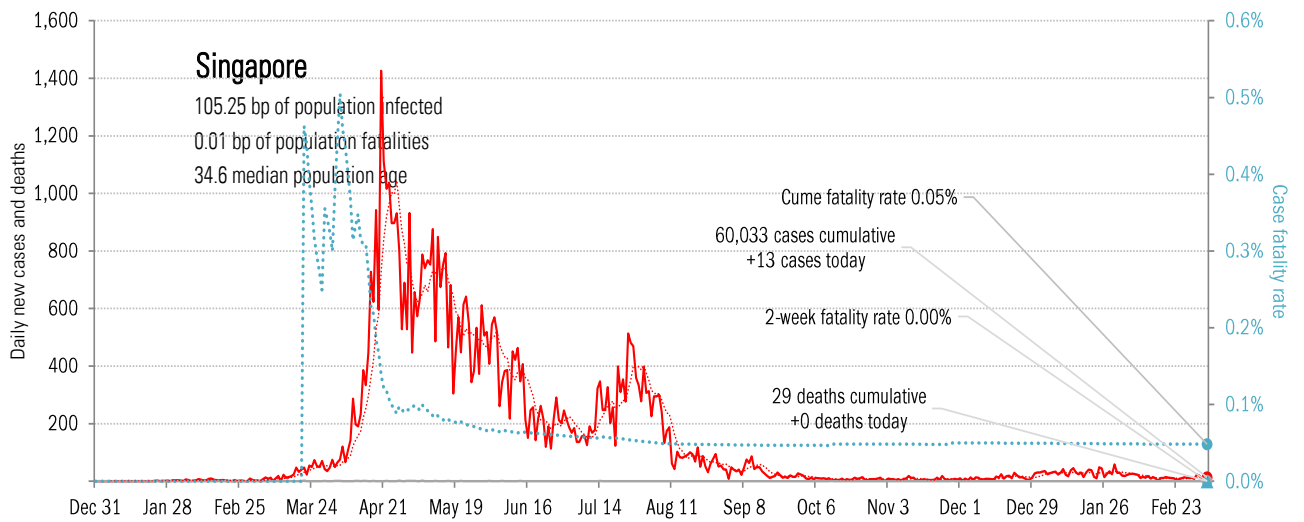
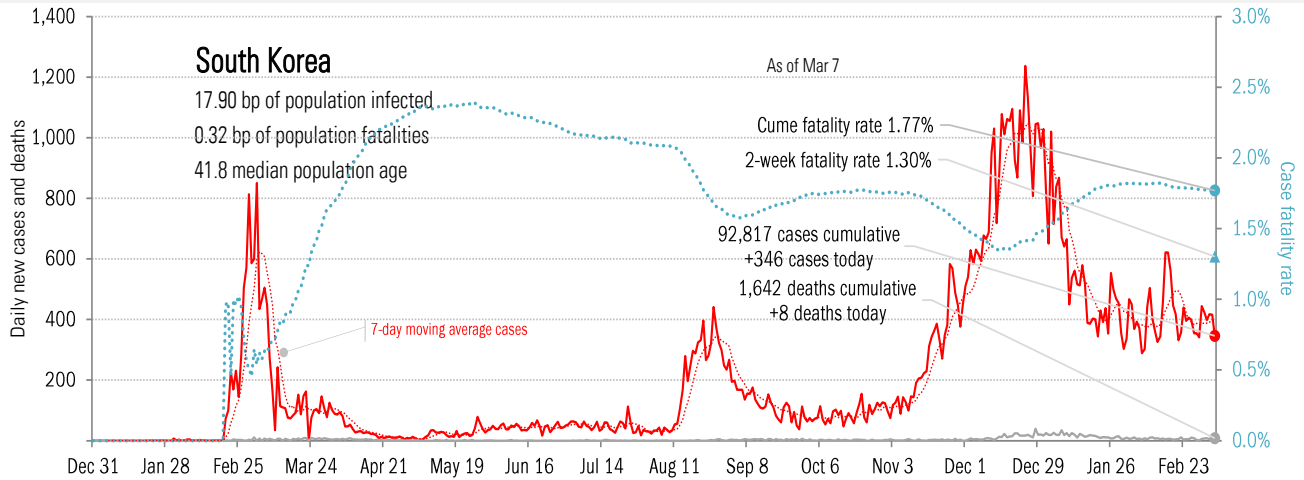
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



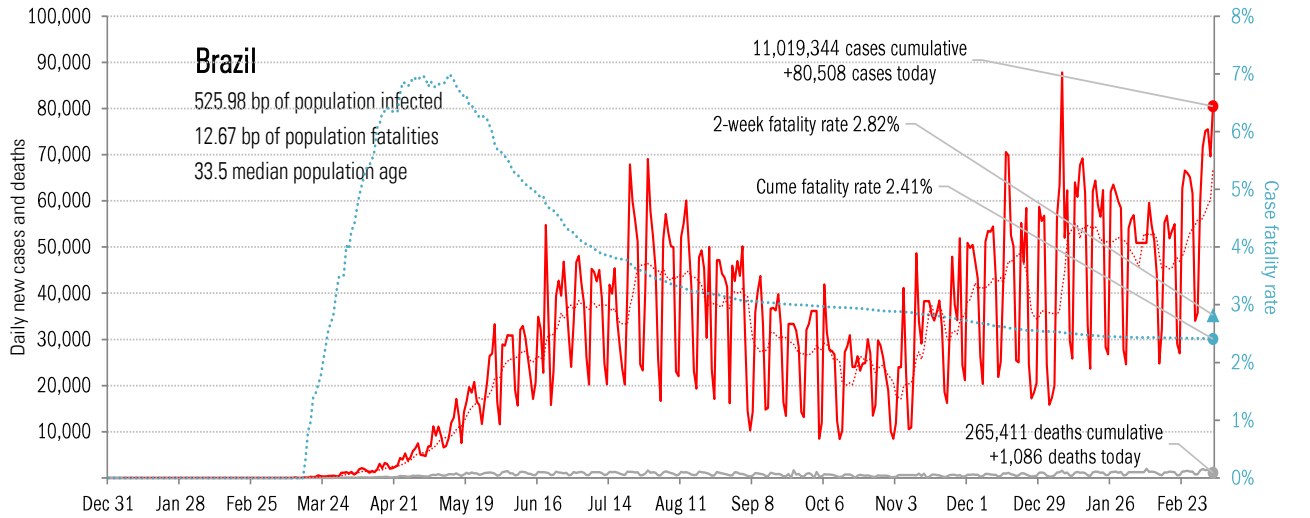
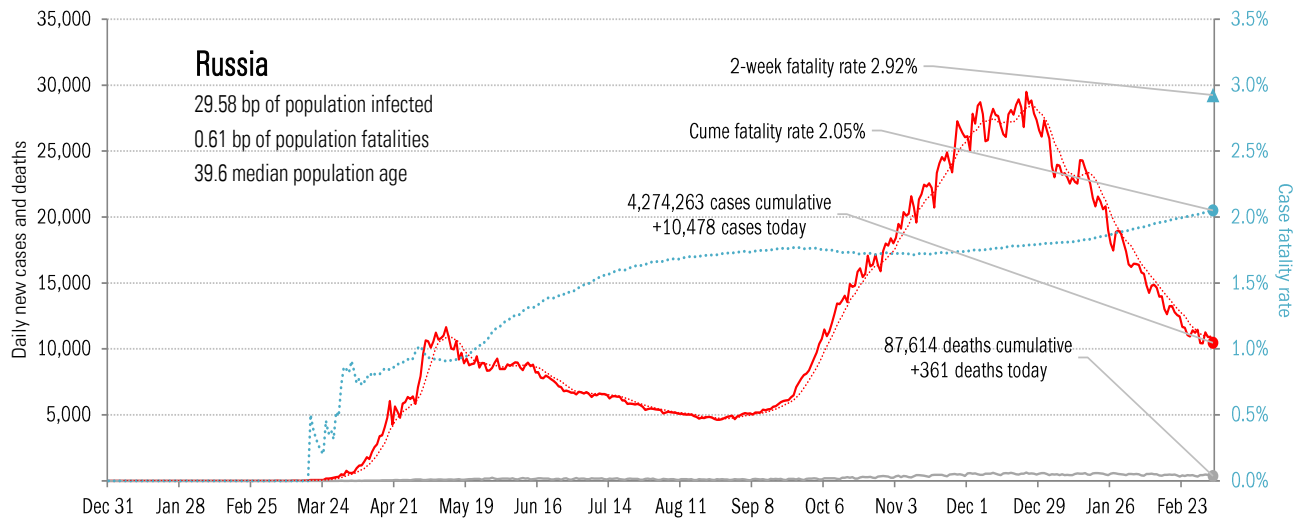
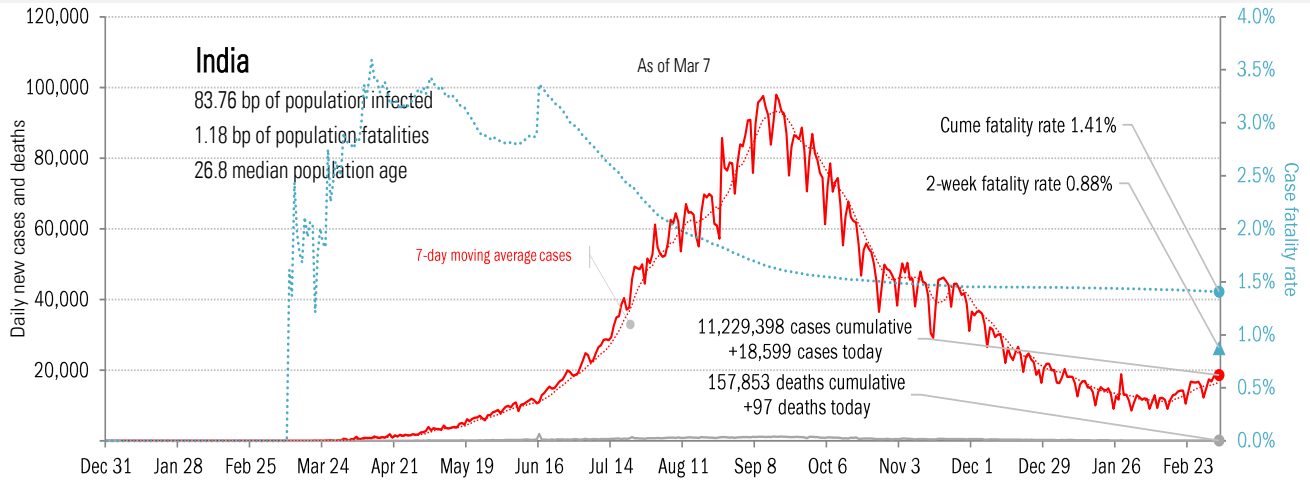
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



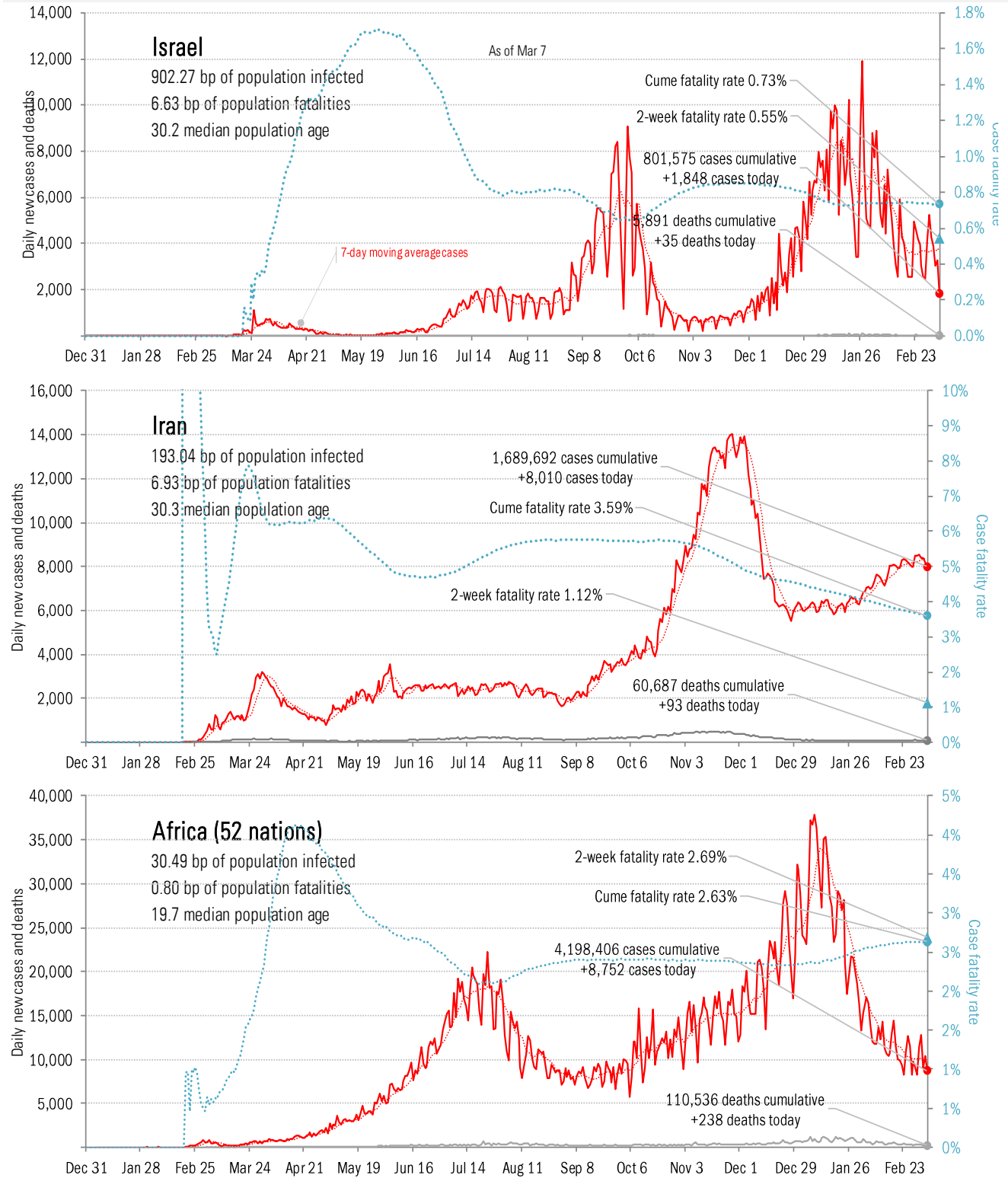
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



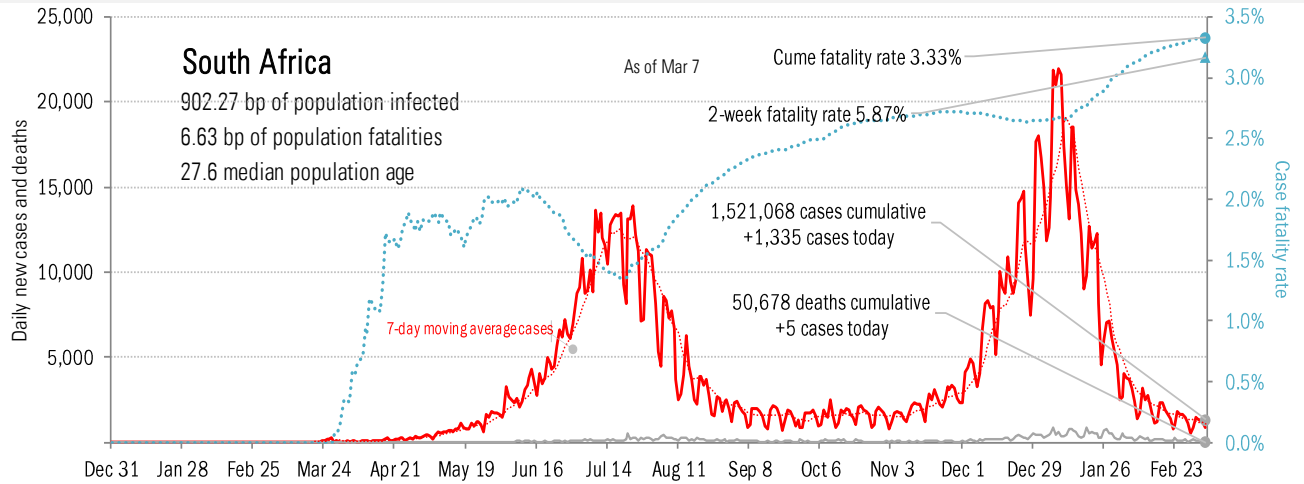
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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