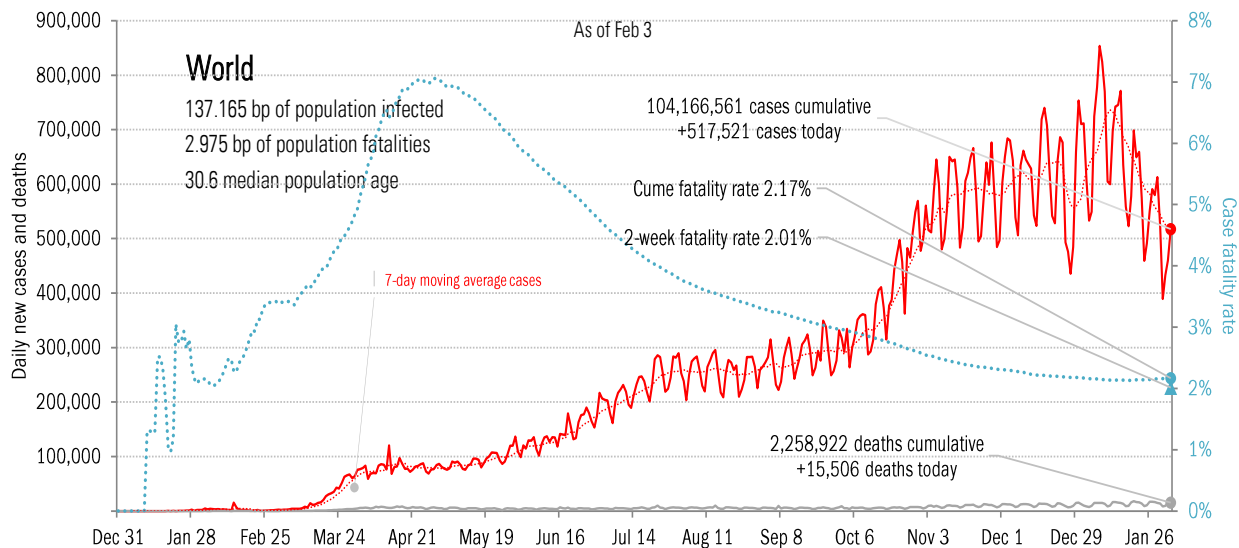
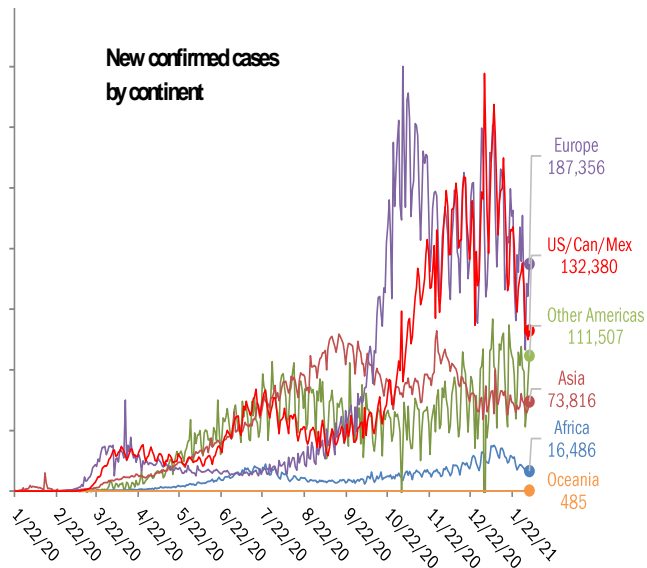


Data Insights: Covid-2019 Monitor

Thursday, February 4, 2021

The global scorecard

The worst ten countries			
New cases		New Deaths	
United States	+116,960	United States	+3,685
Brazil	+56,002	Mexico	+1,707
Spain	+31,596	United Kingdom	+1,322
France	+26,406	Brazil	+1,254
United Kingdom	+19,215	Germany	+784
Russia	+16,222	Spain	+565
Peru	+15,621	Russia	+515
Italy	+13,182	Italy	+476
India	+12,899	Poland	+421
Germany	+12,487	South Africa	+398
+320,590		+11,127	
World	+517,521	World	+15,506
Top ten	62%	Top ten	72%



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

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The US scorecard

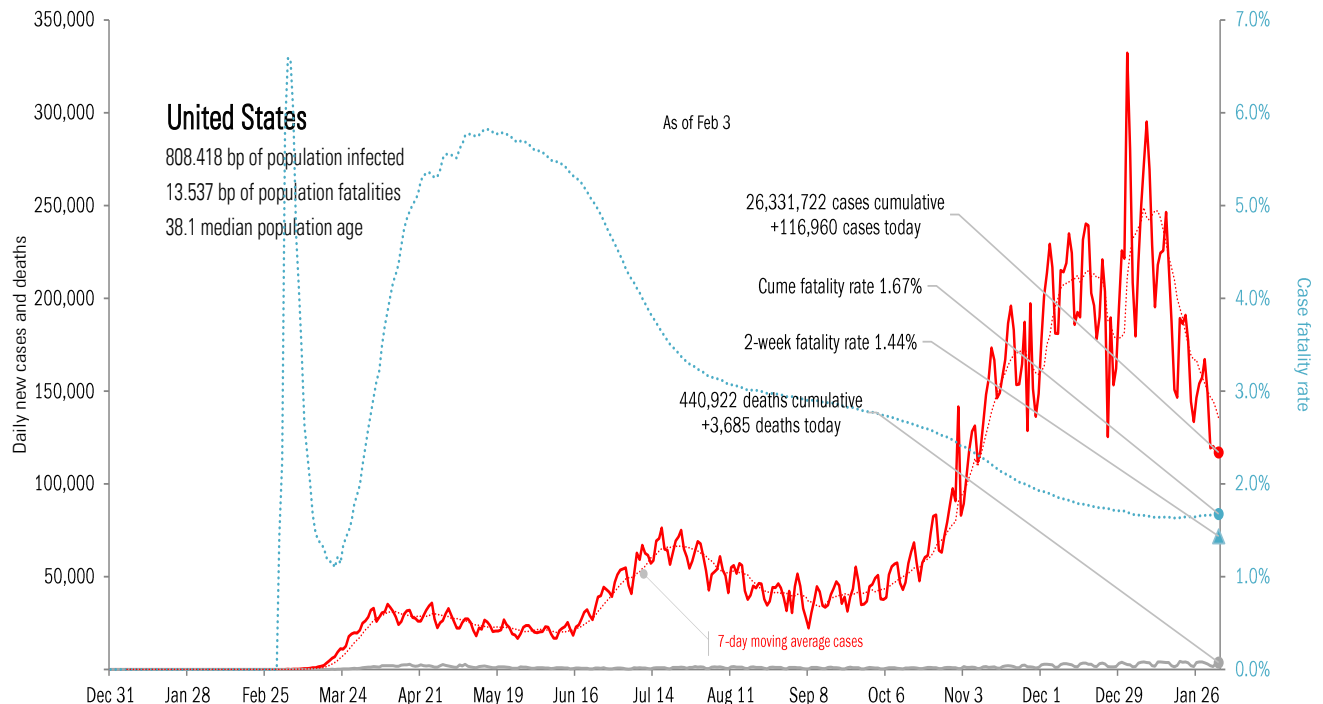
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	+17,620		CA	+481		KS	+145		CA	3,281,271		CA	41,811		NY	89,995		RI	104%	GA	89%
NC	+12,079		TX	+418		NJ	+94		TX	2,433,110		TX	37,288		FL	74,383		GA	80%	CA	88%
CA	+10,501		AL	+309		VA	+72		FL	1,712,326		NY	35,631		NJ	60,984		CT	80%	RI	88%
FL	+6,694		AZ	+214		WA	+24		NY	1,433,304		FL	27,472		AZ	53,432		CA	79%	DE	88%
NY	+5,925		FL	+203		IL	+22		IL	1,134,231		PA	21,955		GA	50,953		MA	79%	AL	87%
GA	+4,924		NC	+169		MD	+18		GA	922,364		NJ	21,693		CH	46,873		SC	78%	OK	85%
CH	+3,991		NY	+165		AR	+15		CH	906,727		IL	21,420		AL	42,727		MD	78%	TX	83%
IL	+3,314		PA	+143		NY	+15		PA	853,616		MI	15,644		IN	40,667		FL	77%	FL	83%
PA	+3,128		GA	+137		FR	+9		NC	776,307		MA	14,708		MD	32,406		MO	76%	NC	82%
VA	+2,959		TN	+133		DE	+6		AZ	767,379		GA	14,587		WI	24,554		DC	76%	MS	81%
	+71,135			+2,372			+420			14,220,635			252,209			516,974					
All states	+116,960			+3,685			-1440		All states	26,331,722			440,922			815,978		All states	71%		74%
Top ten	61%			64%			-29%		Top ten	54%			57%			63%		Median	68%		72%

Some states not reporting

Five most improved US states

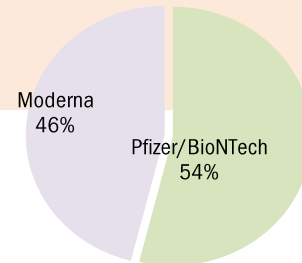
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-5,427	MO	-330	CA	-208	TX	+22,162
FL	-3,638	GA	-71	TX	-103	LA	+19,136
NY	-2,290	MS	-50	LA	-91	PA	+11,101
CT	-2,086	MI	-38	CH	-76	CH	+6,053
CA	-1,563	WA	-35	FL	-74	TN	+4,744



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
55.94 million doses distributed		+3.29 million/day
33.88 million doses administered		+1.10 million/day
27.15 million persons with one or more shot		+0.71 million/day
6.44 million persons with two or more shots		+0.37 million/day
4.02 million shots long-term care residents/staff		+0.17 million/day
60.6% of distributed doses administered		
10.3% of US pop at least 1 shot	2.0% 2 shots	
89.8% of LTC at least 1 shot	15.8% 2 shots	



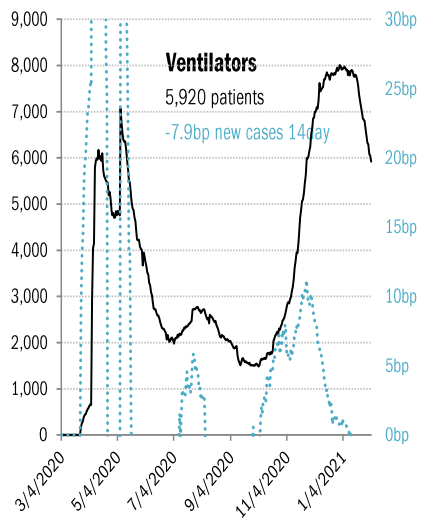
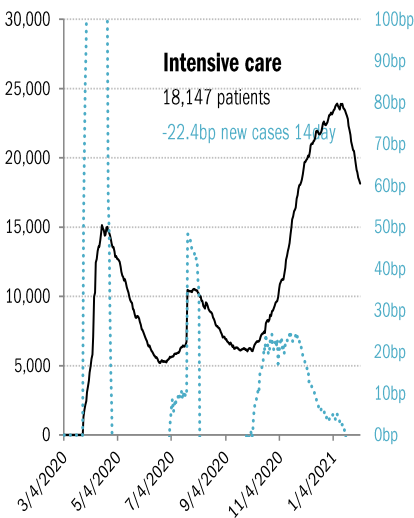
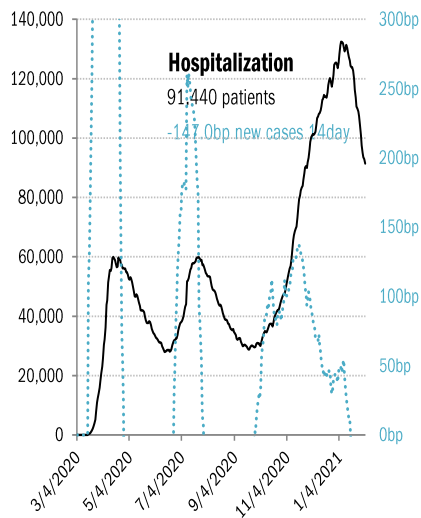
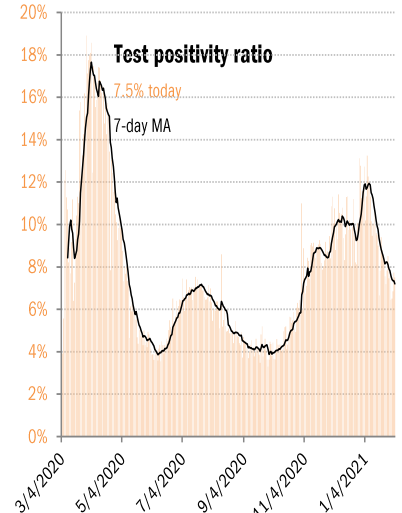
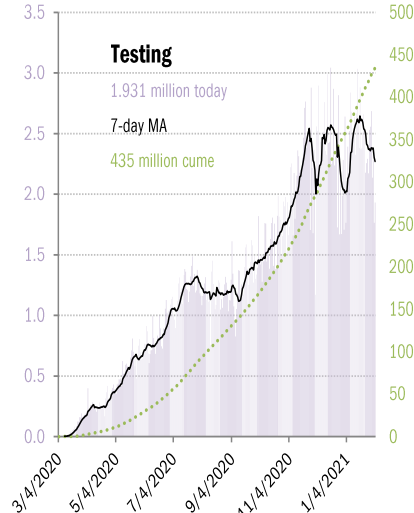
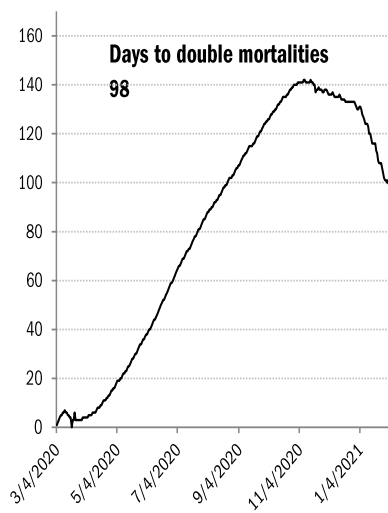
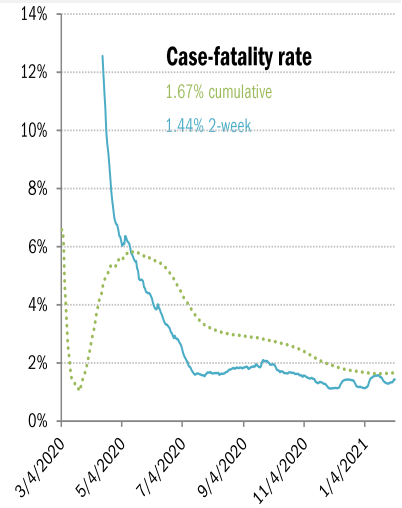
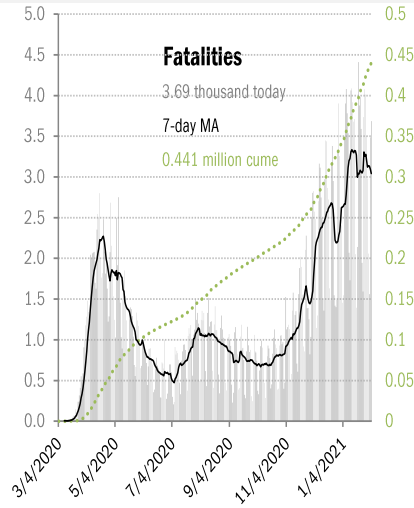
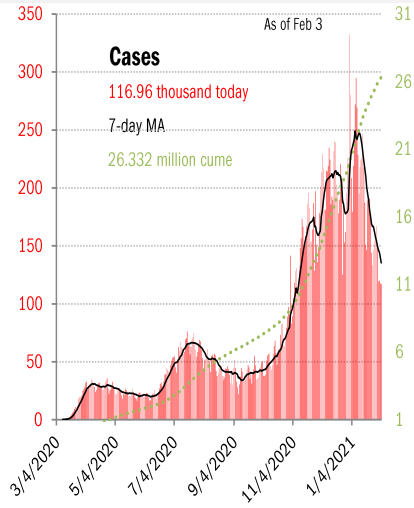
State	Doses distributed as % population	One shot received as % population	Two shots received as % distributed
AK	31.4%	13.4%	3.8%
ME	16.8%	8.2%	2.6%
WI	15.9%	7.9%	1.5%
VT	18.2%	8.9%	3.1%
NH	17.3%	7.7%	2.5%
WA	15.3%	8.1%	1.8%
ID	13.8%	6.0%	1.4%
MT	14.7%	7.8%	2.5%
ND	16.0%	9.5%	3.6%
MN	16.3%	7.6%	2.1%
IL	15.7%	6.8%	1.8%
MI	16.3%	8.2%	2.1%
NY	16.7%	8.0%	1.9%
MA	16.8%	7.2%	1.8%
OR	16.8%	8.6%	2.2%
NV	13.6%	7.7%	1.3%
WY	16.9%	8.5%	1.8%
SD	16.7%	8.9%	3.6%
IA	14.2%	6.3%	2.0%
IN	16.4%	7.7%	1.8%
OH	15.5%	7.6%	1.7%
PA	16.7%	7.2%	1.9%
NJ	14.1%	7.9%	1.6%
CT	17.1%	10.3%	2.5%
RI	16.7%	7.0%	2.5%
CA	16.1%	7.7%	1.6%
UT	14.7%	7.7%	2.0%
CO	16.3%	8.2%	2.4%
NE	17.2%	7.2%	2.5%
MO	14.7%	6.1%	1.7%
KY	16.1%	8.1%	1.6%
WV	18.3%	10.9%	4.0%
VA	16.1%	8.9%	1.6%
MD	15.9%	7.5%	1.5%
DE	15.9%	9.1%	1.9%
AZ	16.2%	7.6%	1.4%
NM	17.0%	10.4%	3.0%
KS	16.2%	6.6%	1.6%
AR	16.5%	8.5%	2.1%
TN	15.3%	6.8%	2.8%
NC	15.7%	8.2%	1.6%
SC	13.3%	7.6%	1.6%
DC	22.7%	9.2%	2.8%
OK	17.1%	9.4%	2.2%
LA	16.1%	8.3%	2.2%
MS	16.3%	7.5%	0.9%
AL	15.6%	6.6%	1.3%
GA	15.4%	7.7%	1.3%
HI	17.9%	8.2%	2.0%
TX	14.5%	7.2%	1.9%
FL	17.0%	8.2%	1.7%
PR	19.0%	6.5%	1.8%

As of Feb 3

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

US deep-dive

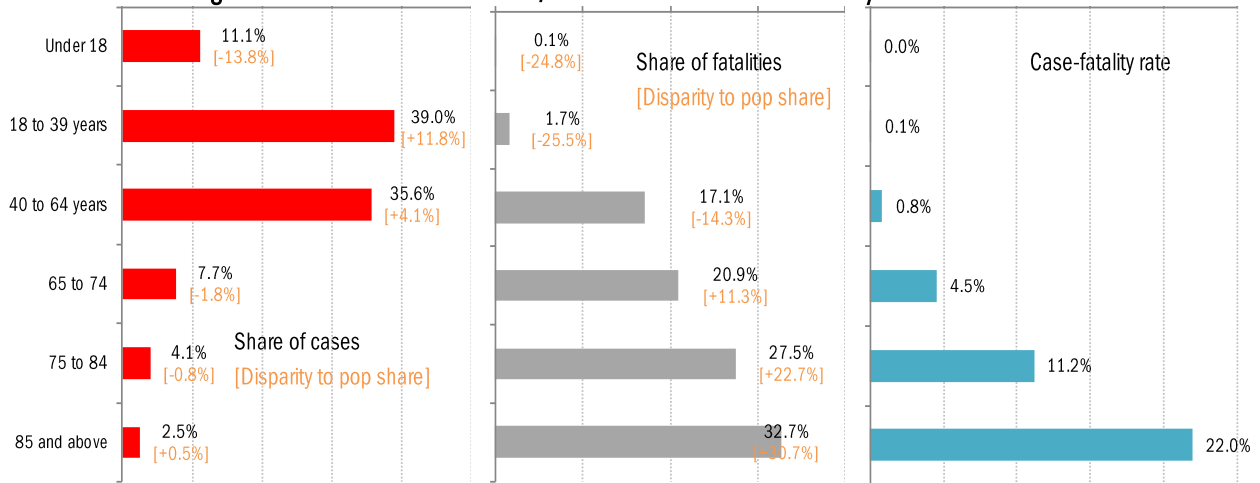
National and state-by-state data do not line up because of different sources



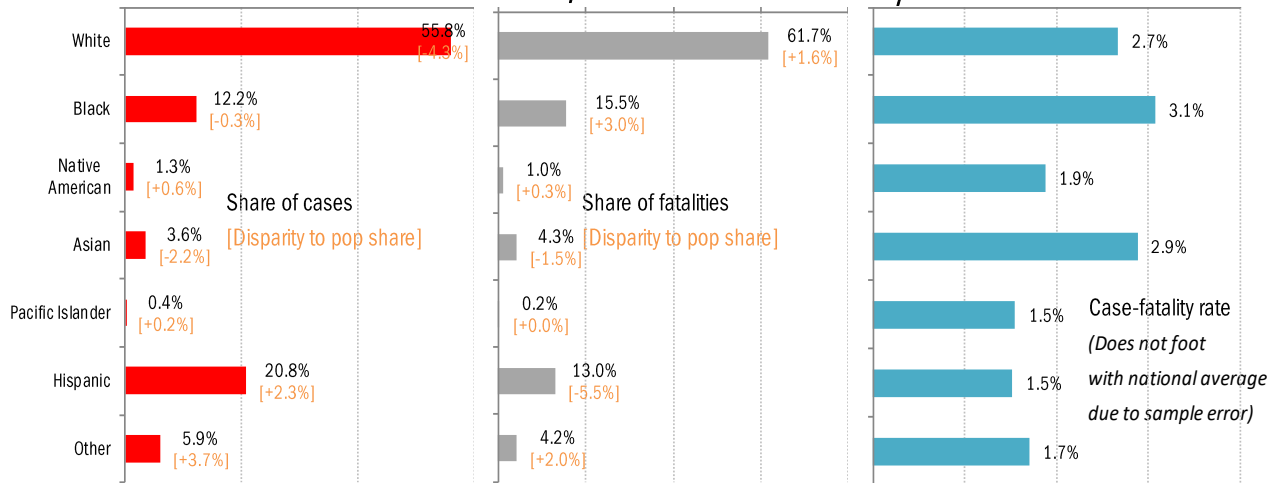
Source: [Covid Tracking Project](#), TrendMacro calculations

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

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

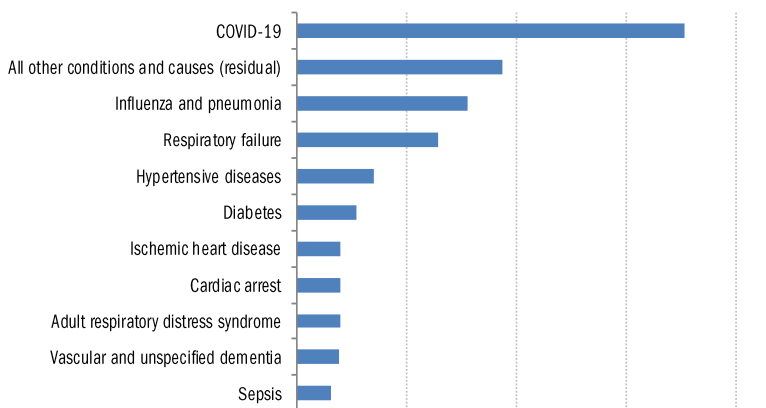


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Jan 24

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 2.9 additional conditions or causes per death.

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

Recommended reading

[Novavax offers 1st hopeful vaccine trial data with testing against COVID variants](#)

CBS News

January 28, 2021

[The "Florida COVID-19 Whistleblower" Saga Is a Big Lie.](#)

Christina Pushaw

Human Events

February 2, 2021

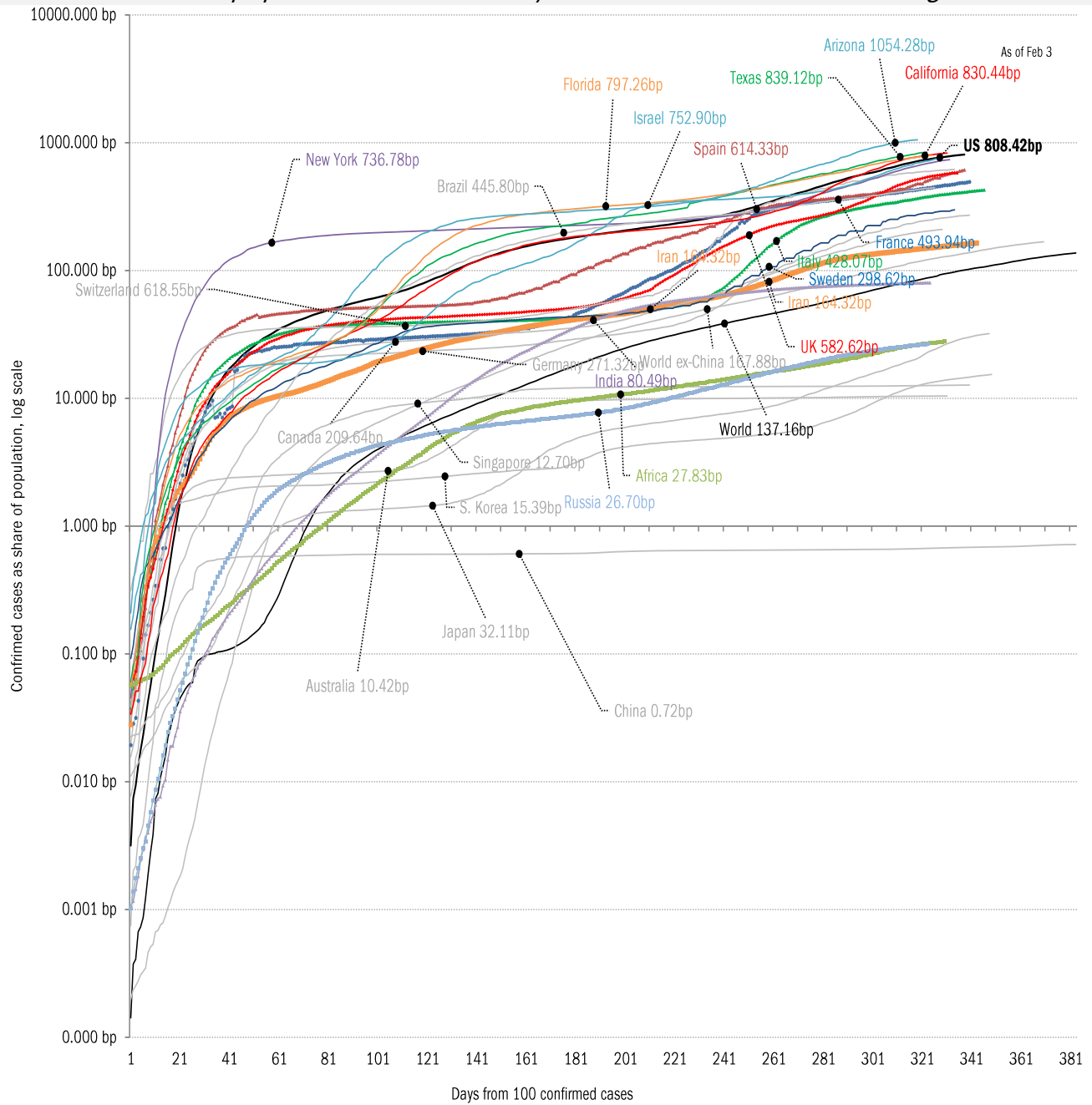
Meme of day



**Democrats Announce It Is Safe To Reopen Now
That Federal Government Has Tested Negative
For Trump**

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

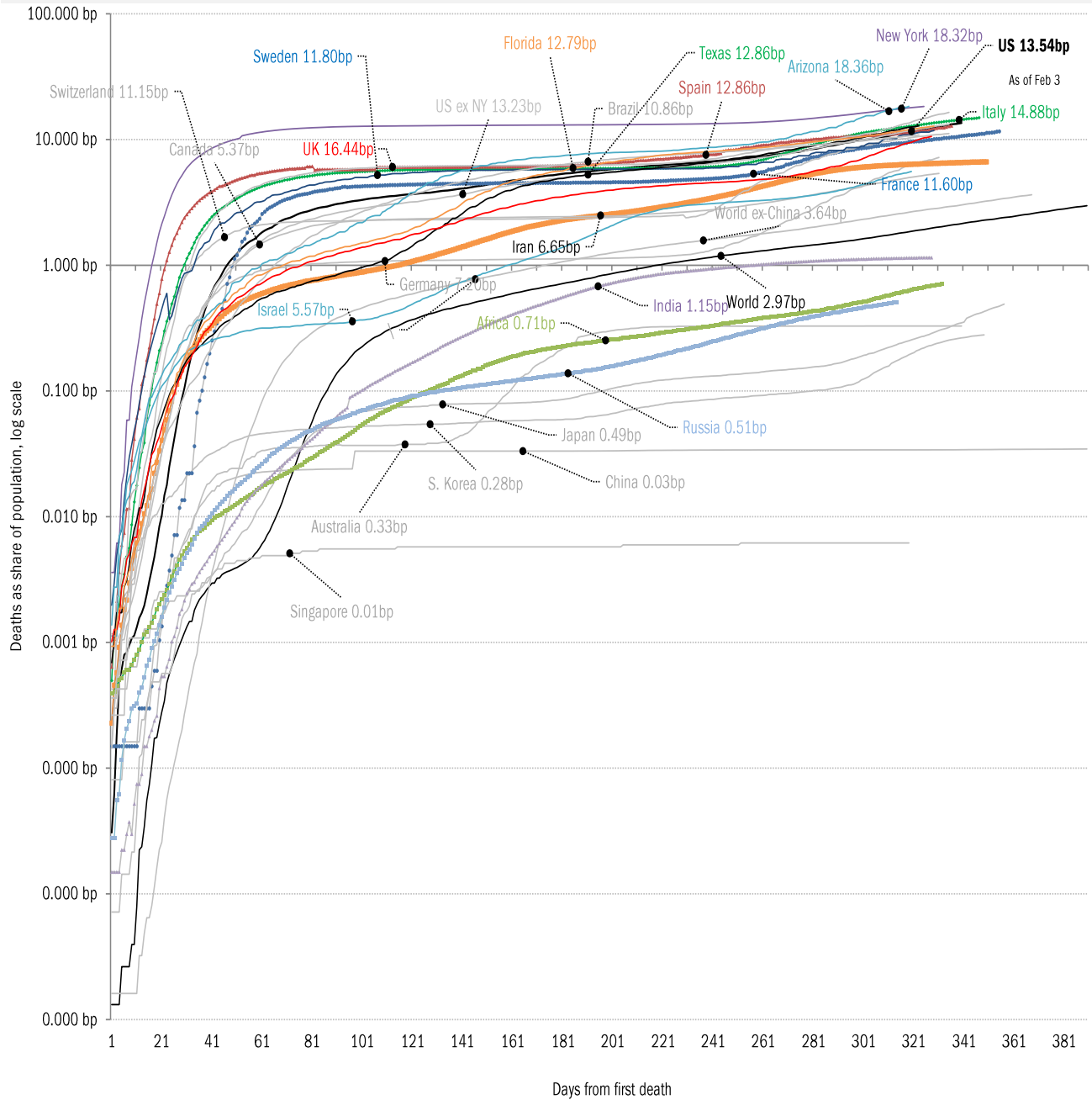
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

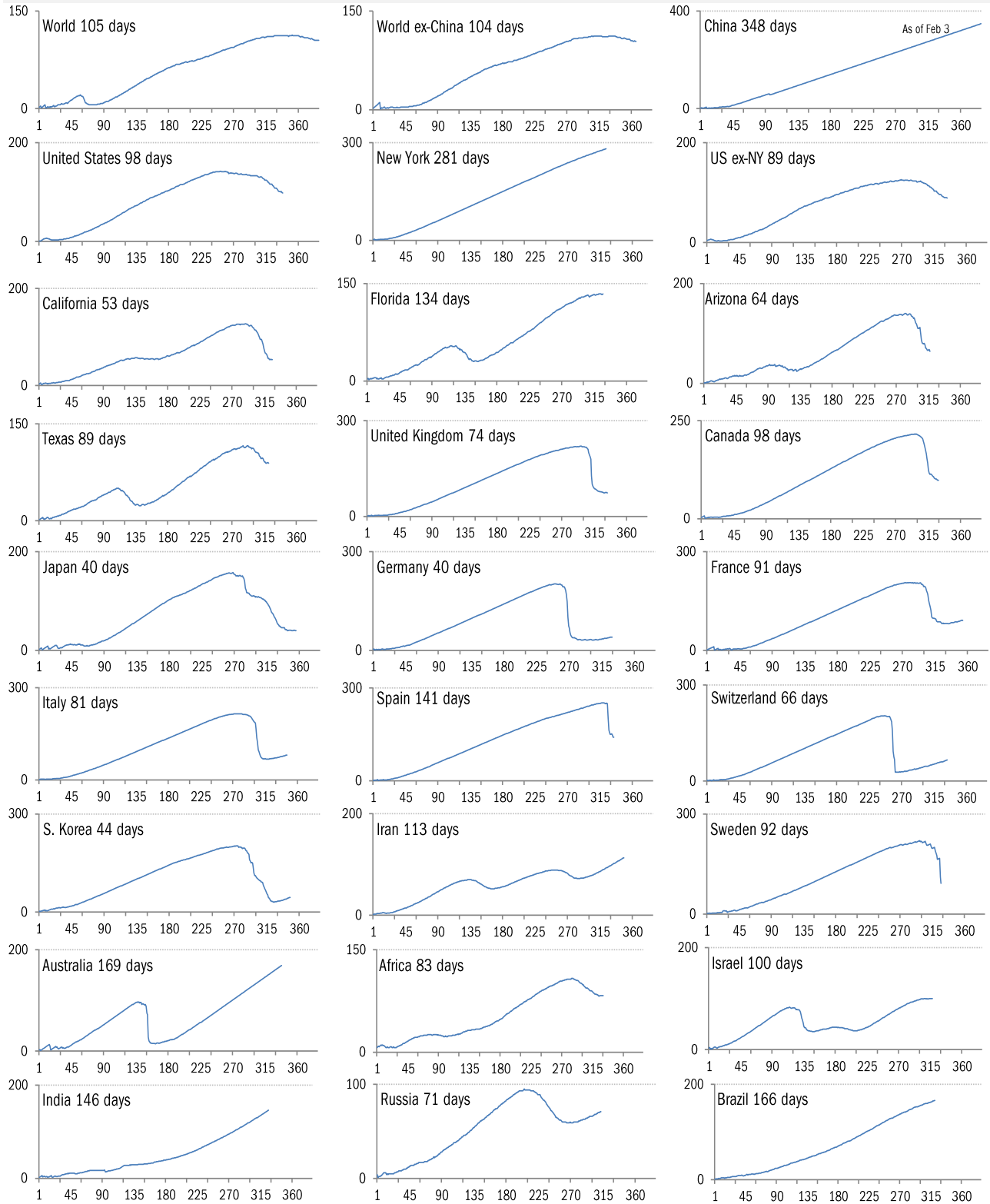


Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

"Exponential"? Our most reliable evidence of the rate of spread of Covid-2019

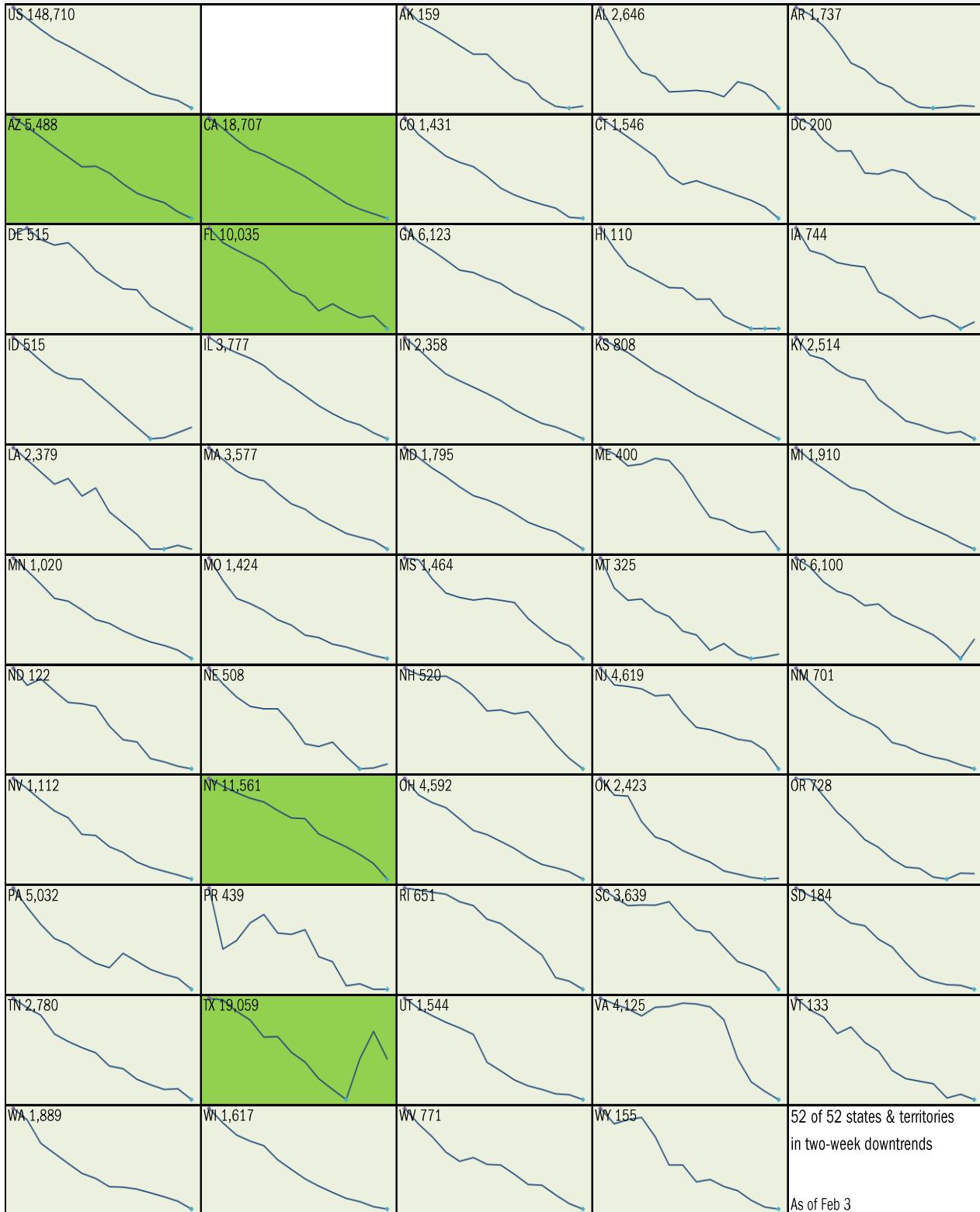
Vertical: days to double deaths Horizontal: days from first death

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

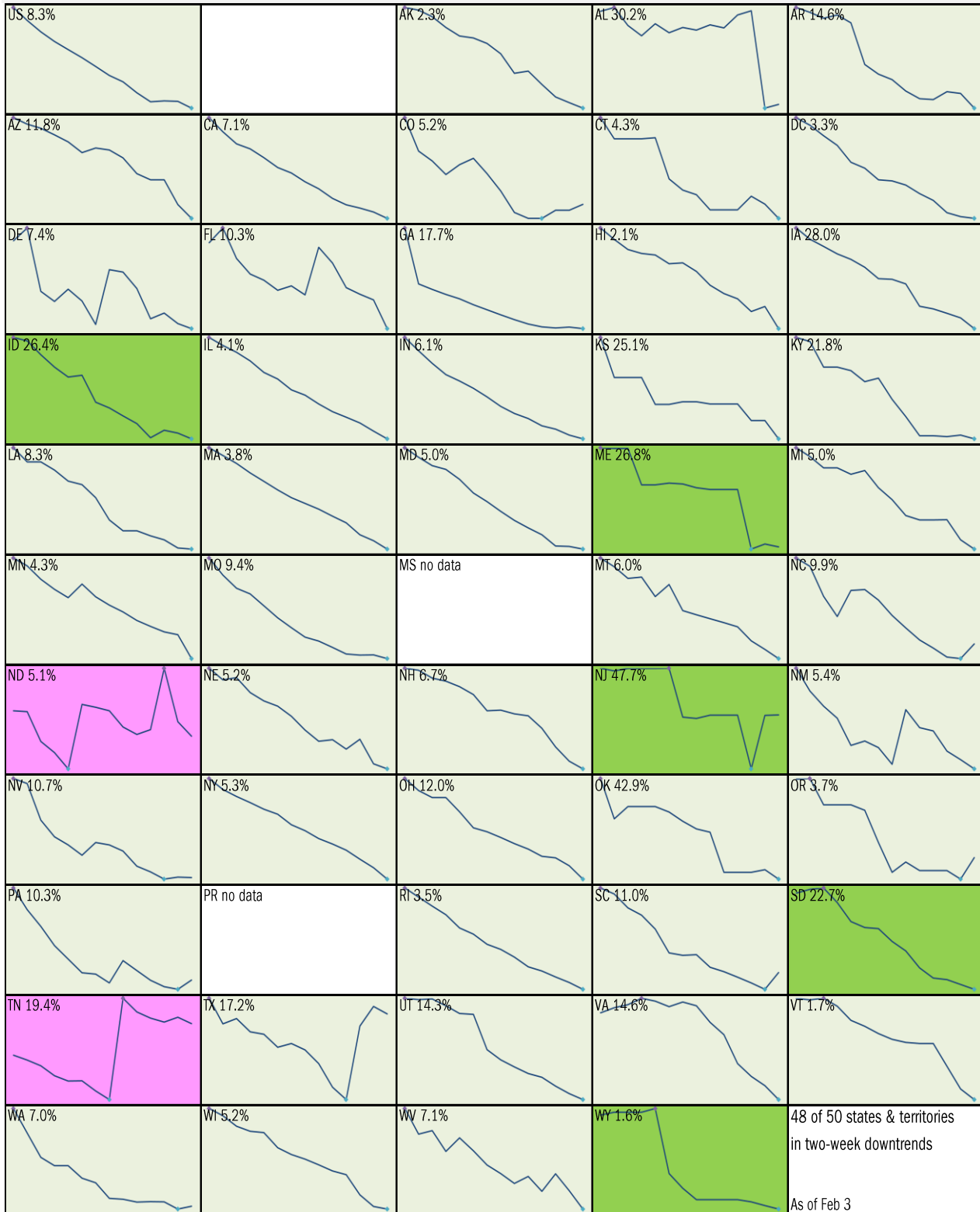


Source: [Covid Tracking Project](#), TrendMacro calculations

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

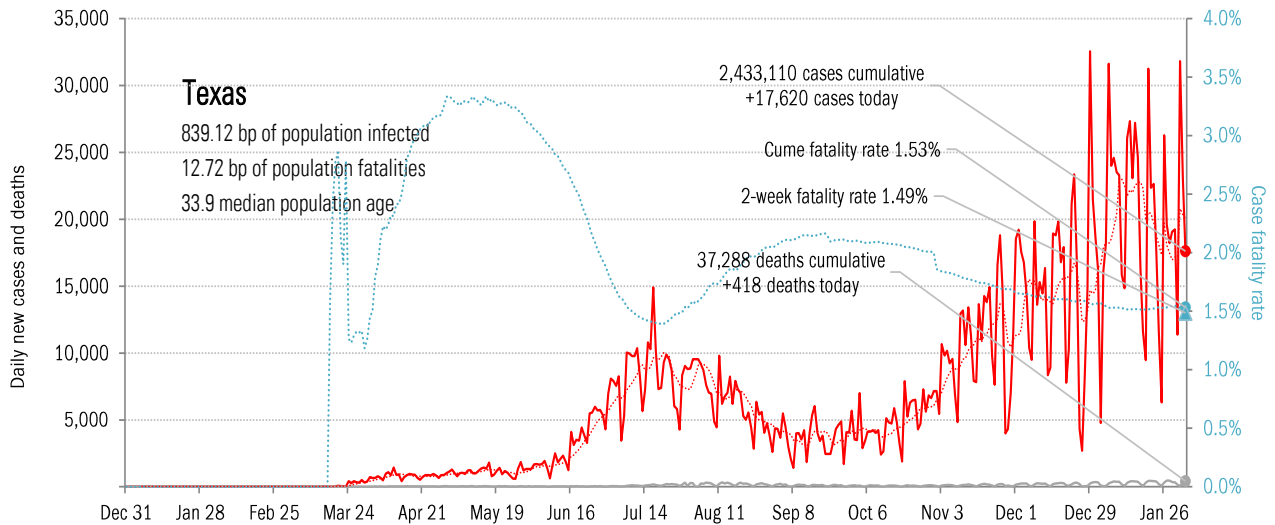
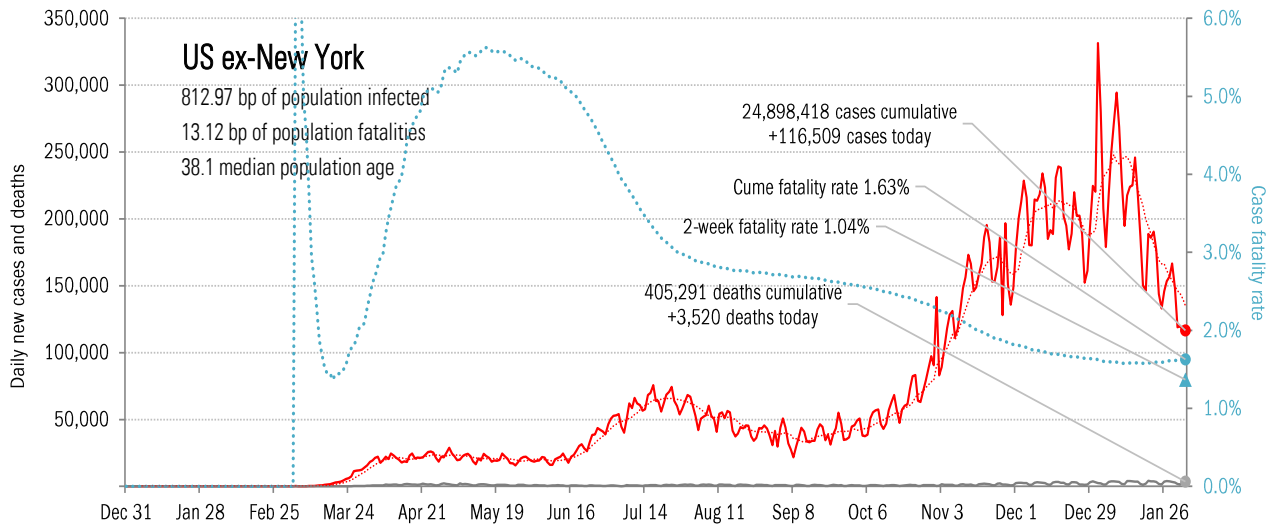
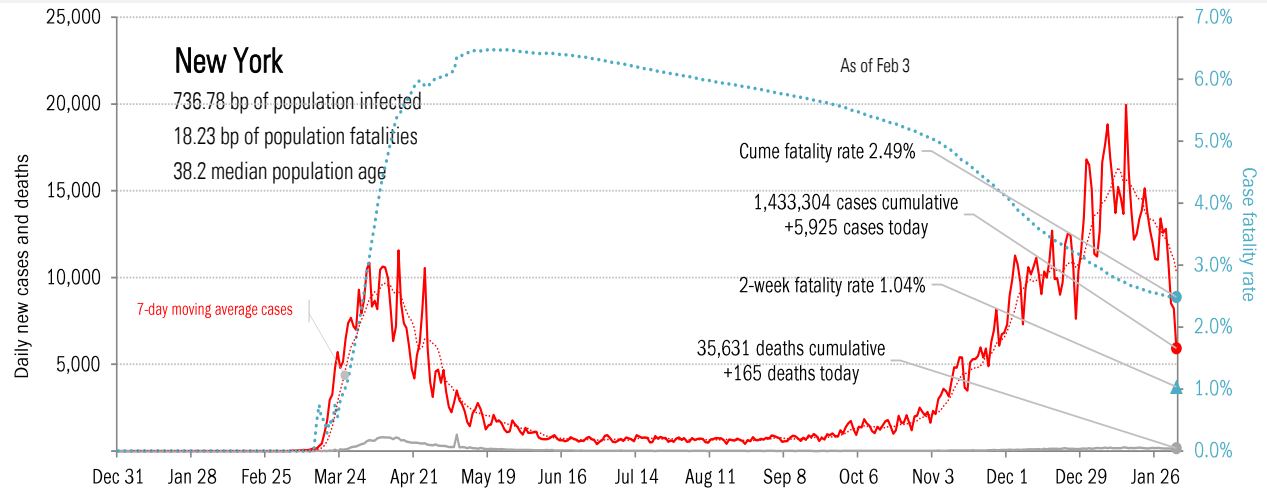
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



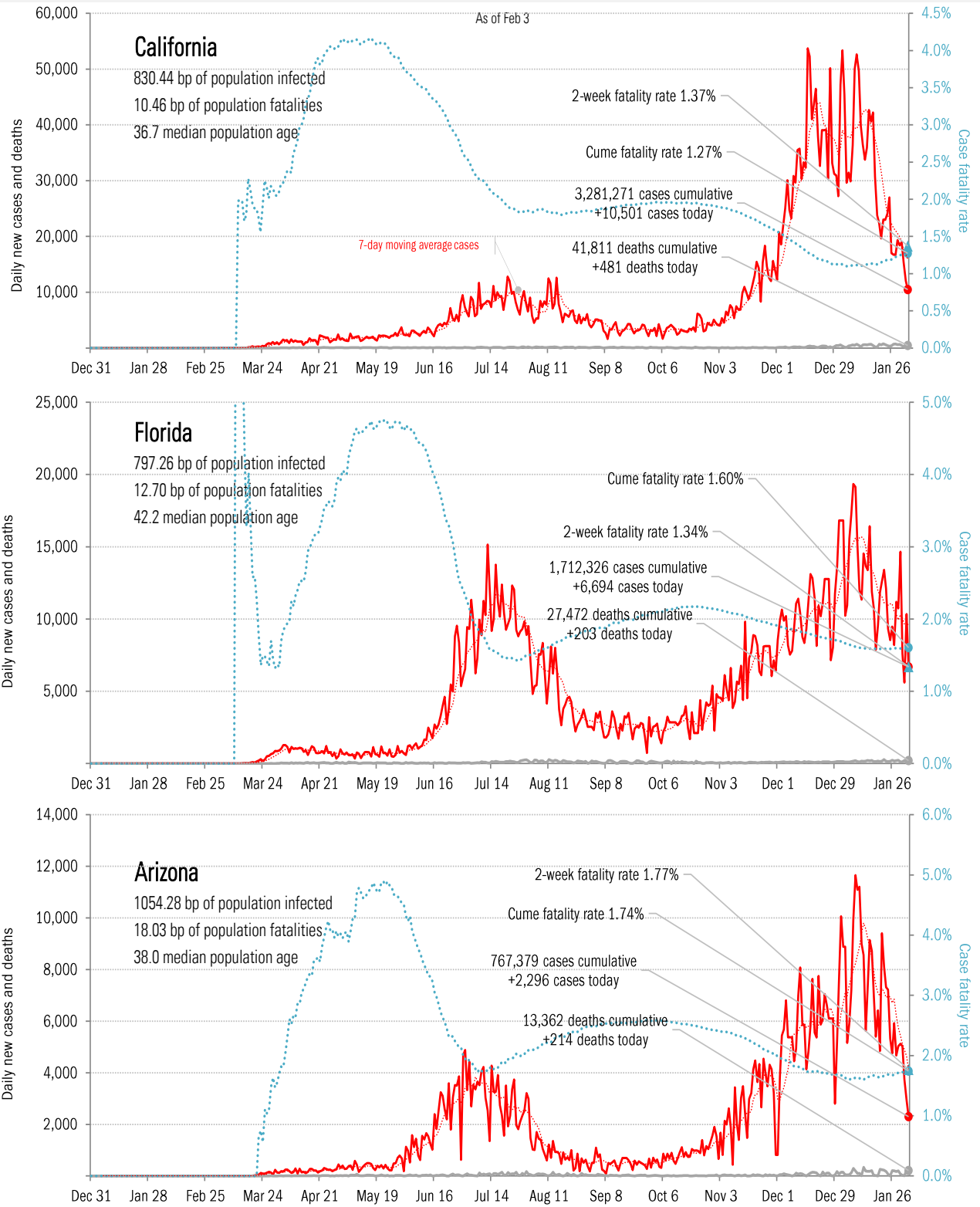
Source: [Covid Tracking Project](#), TrendMacro calculations

From Ground Zero to the Rio Grande



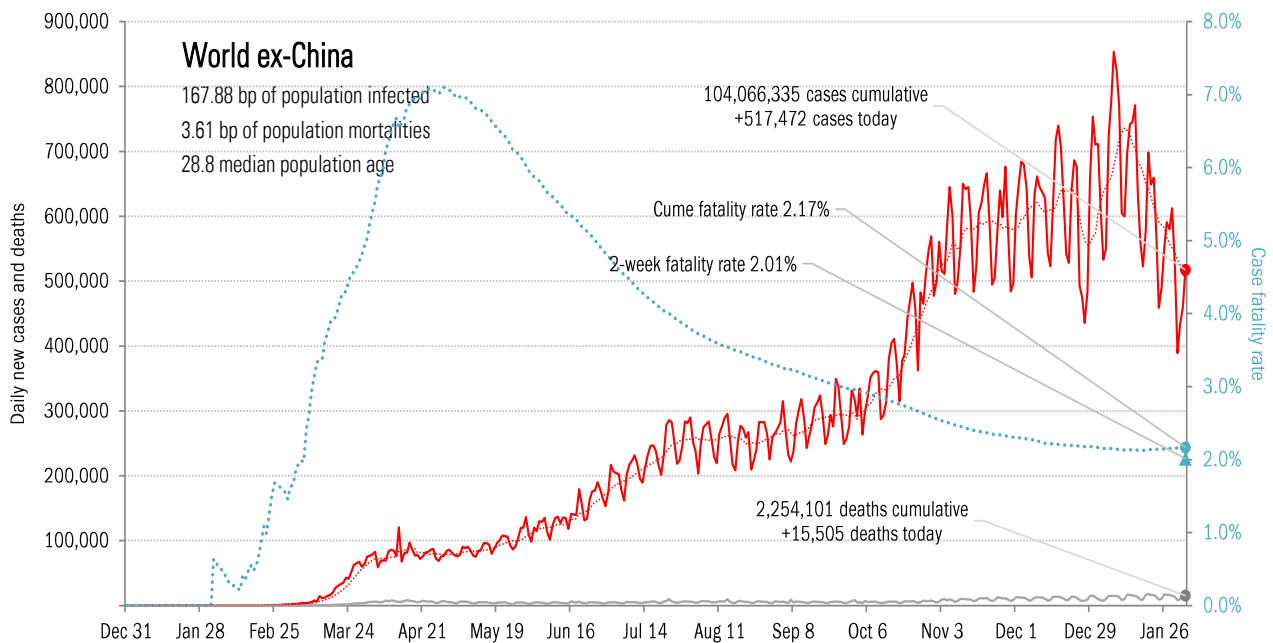
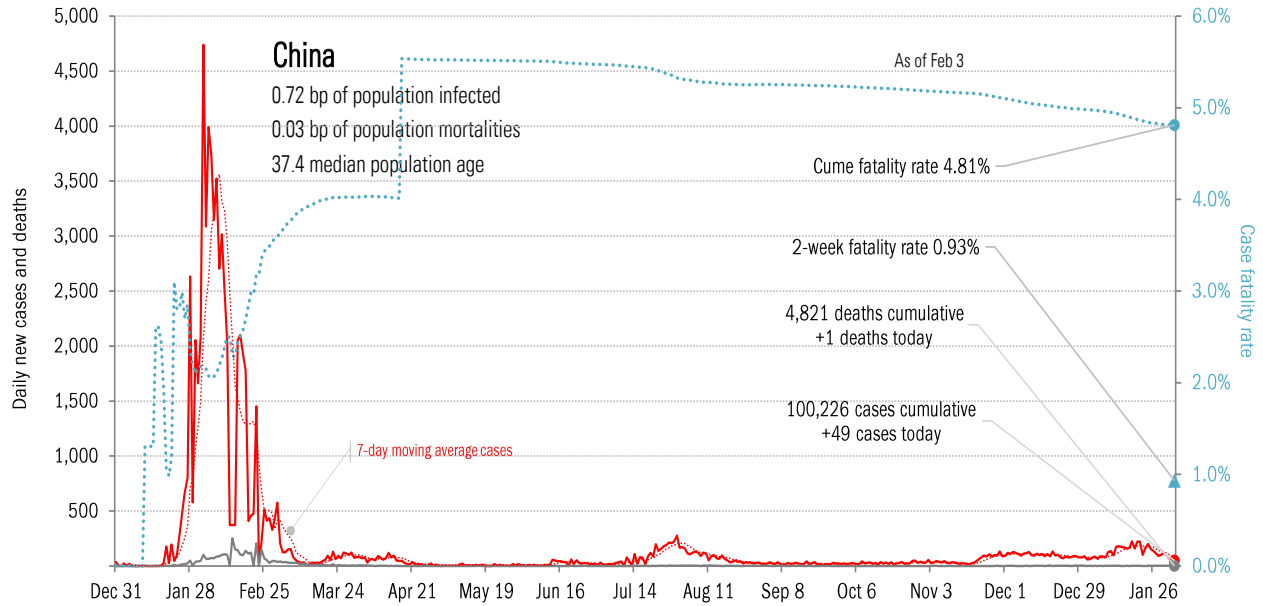
Source: [Covid Tracking Project](#), TrendMacro calculations

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



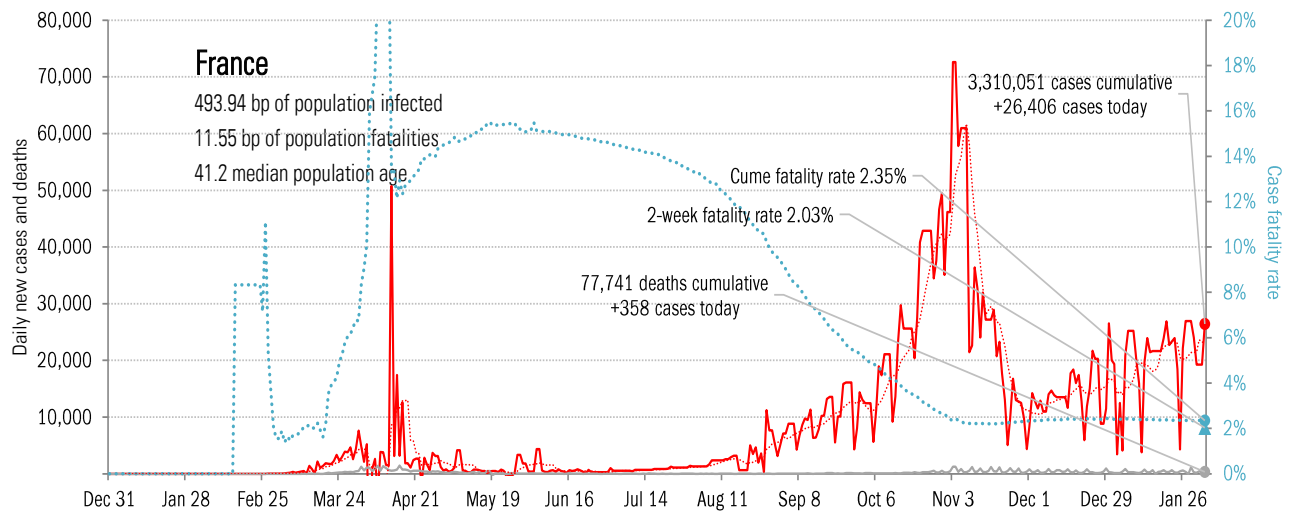
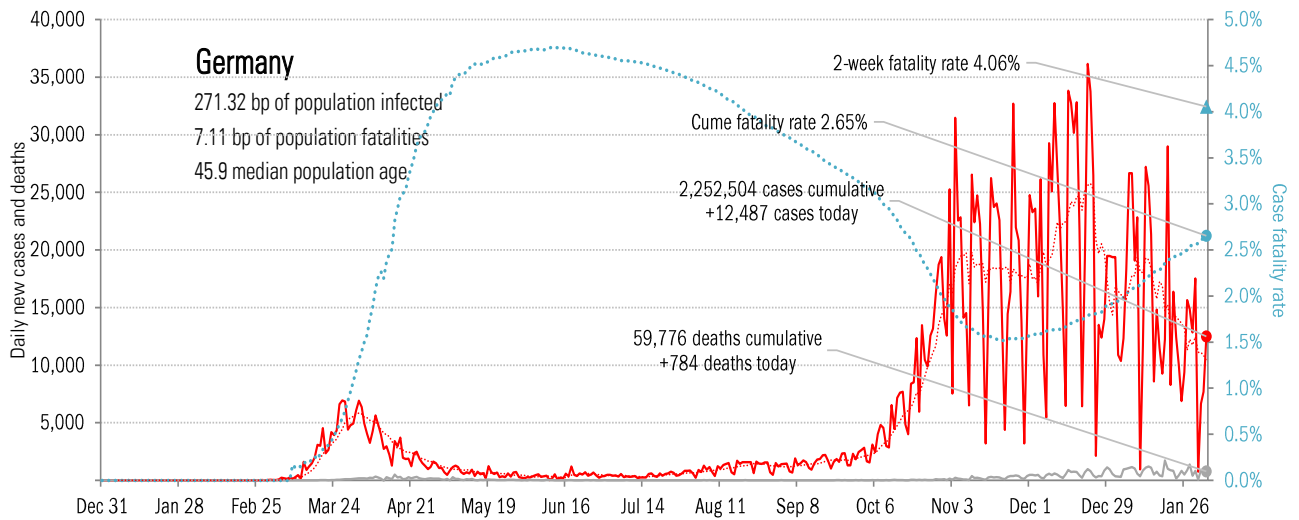
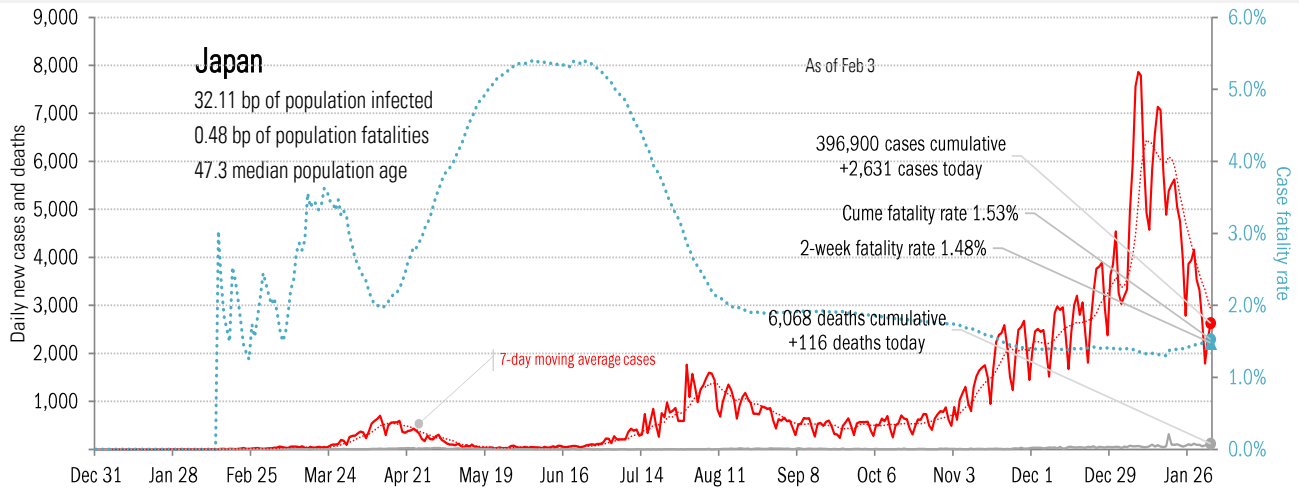
Source: [Covid Tracking Project](#), TrendMacro calculations

Patient zero... and then everyone else



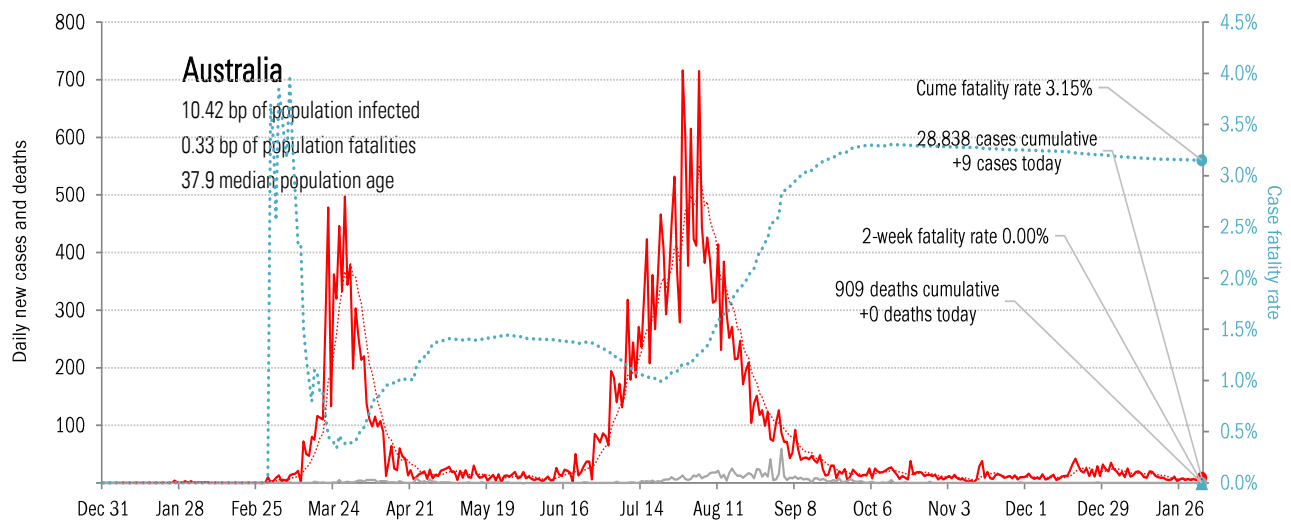
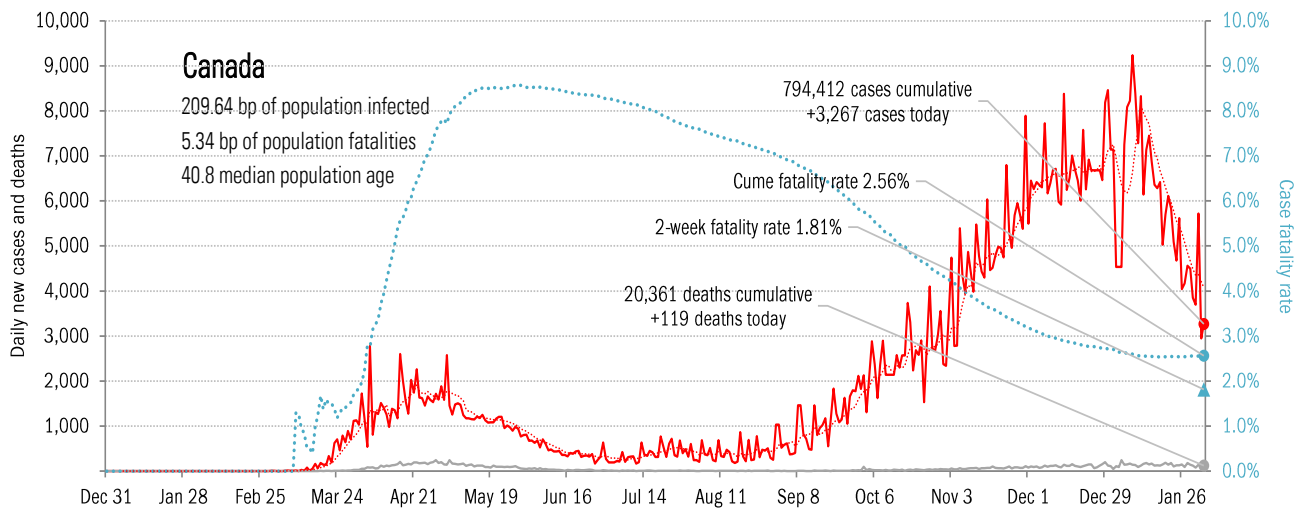
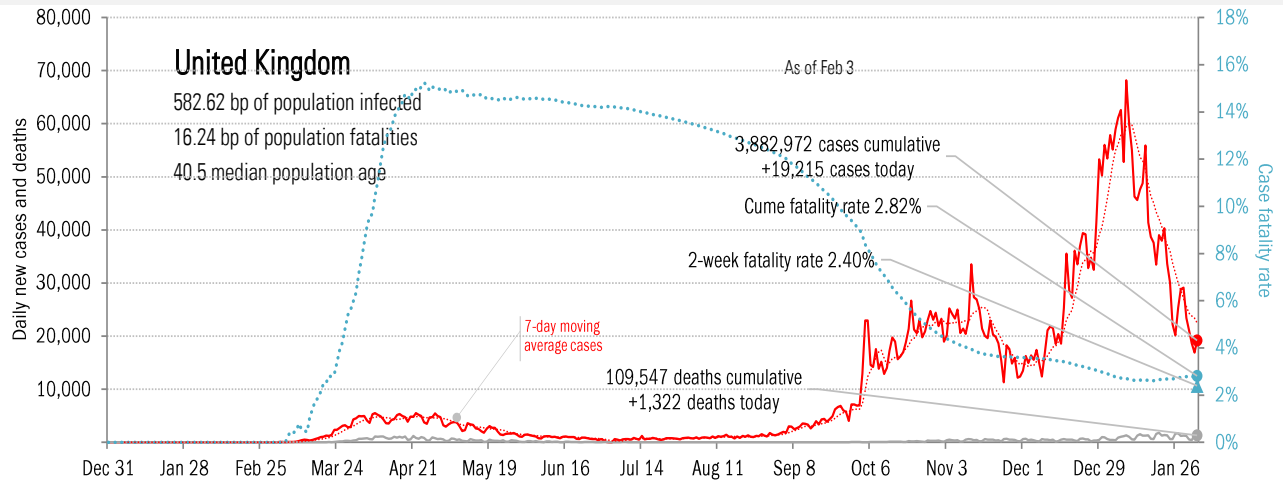
Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

Impact in the largest economies



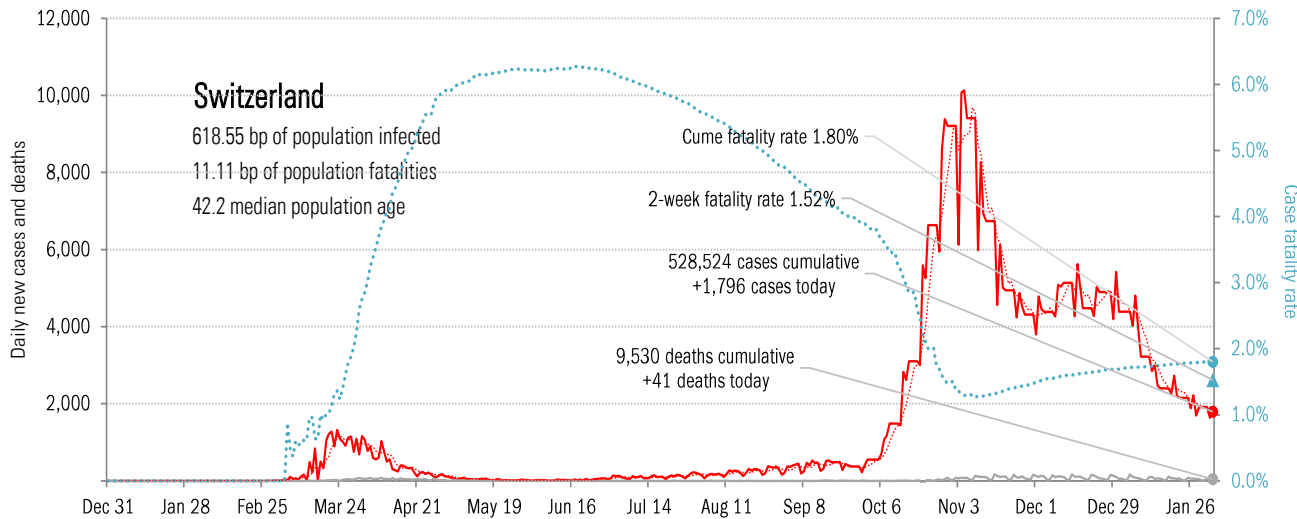
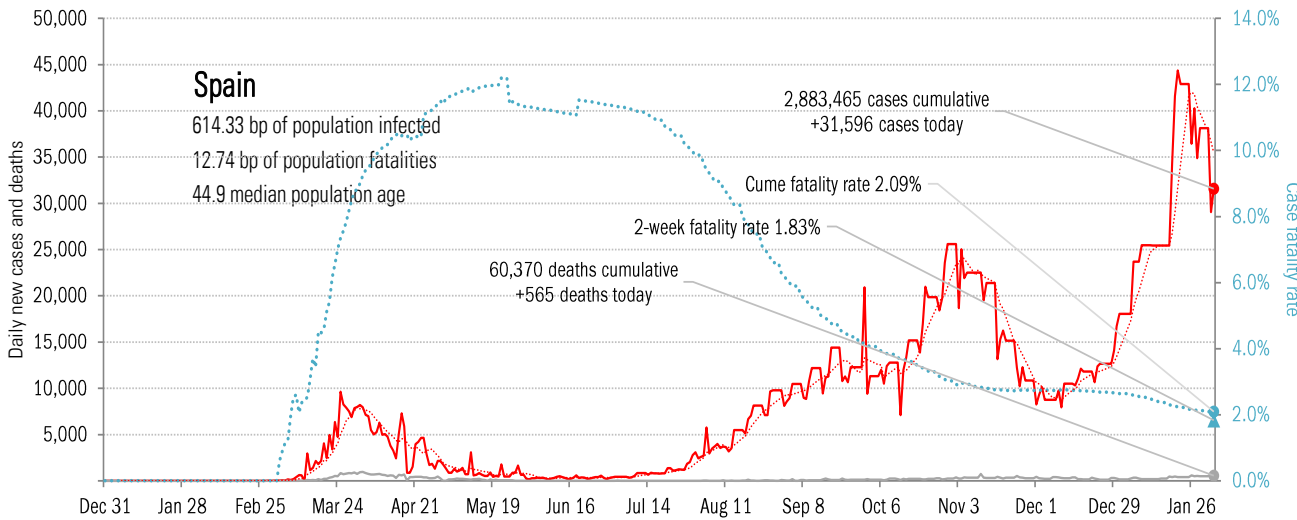
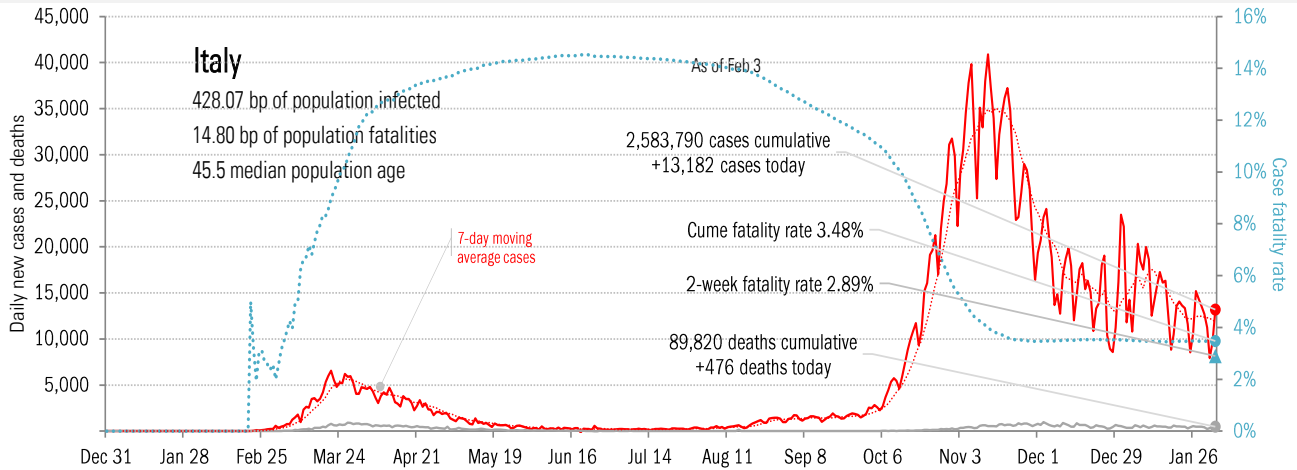
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



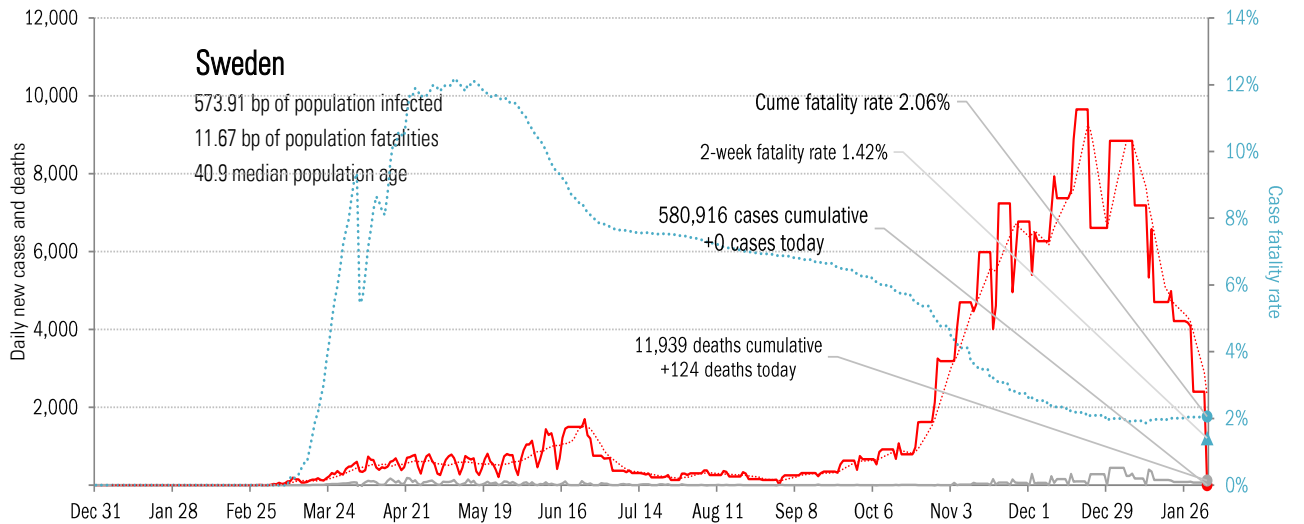
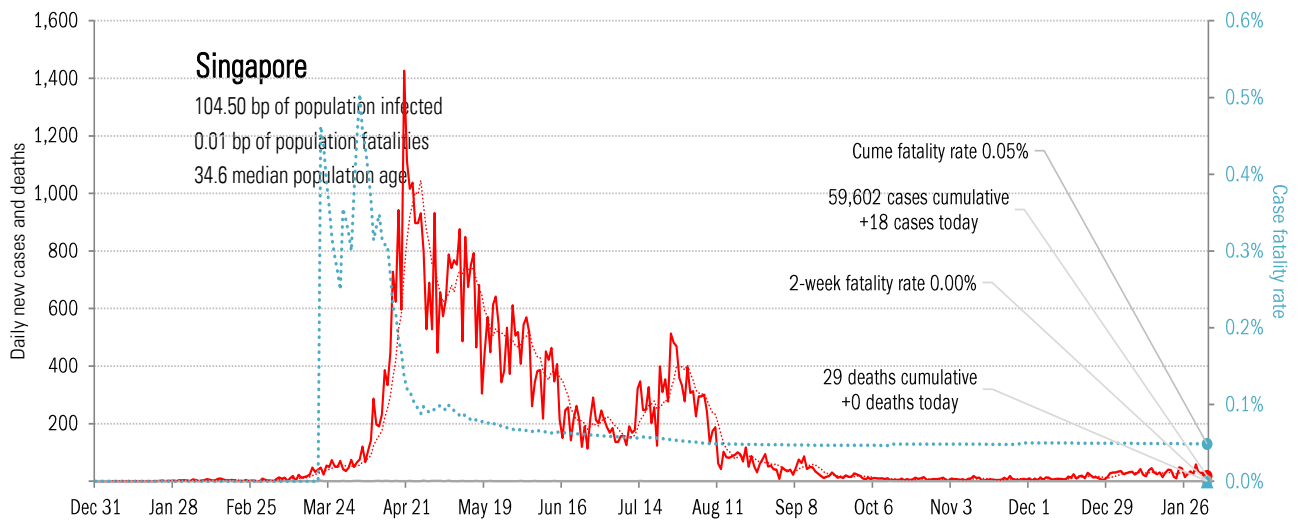
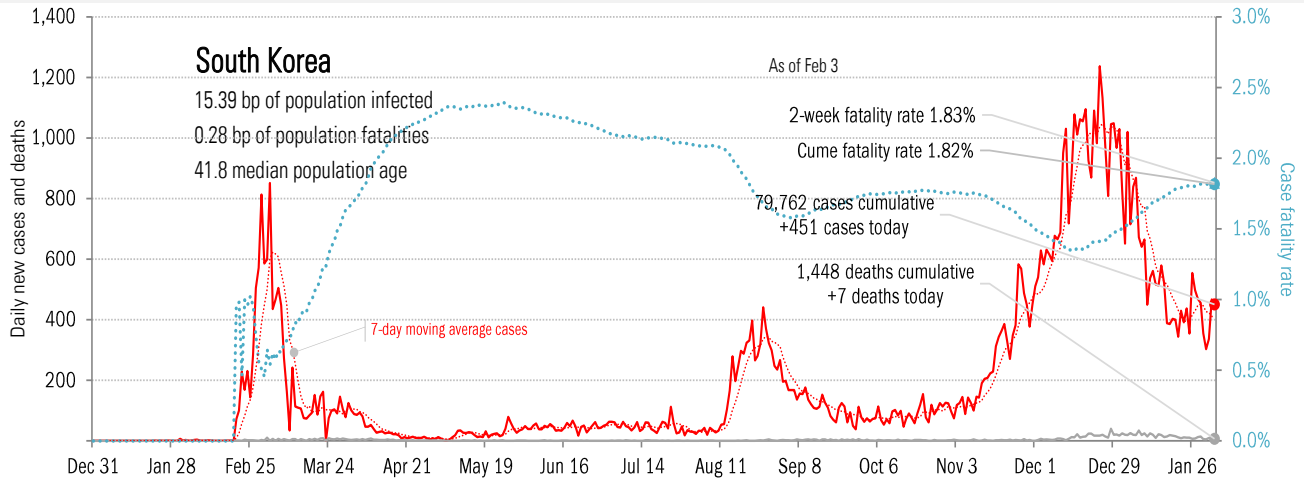
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



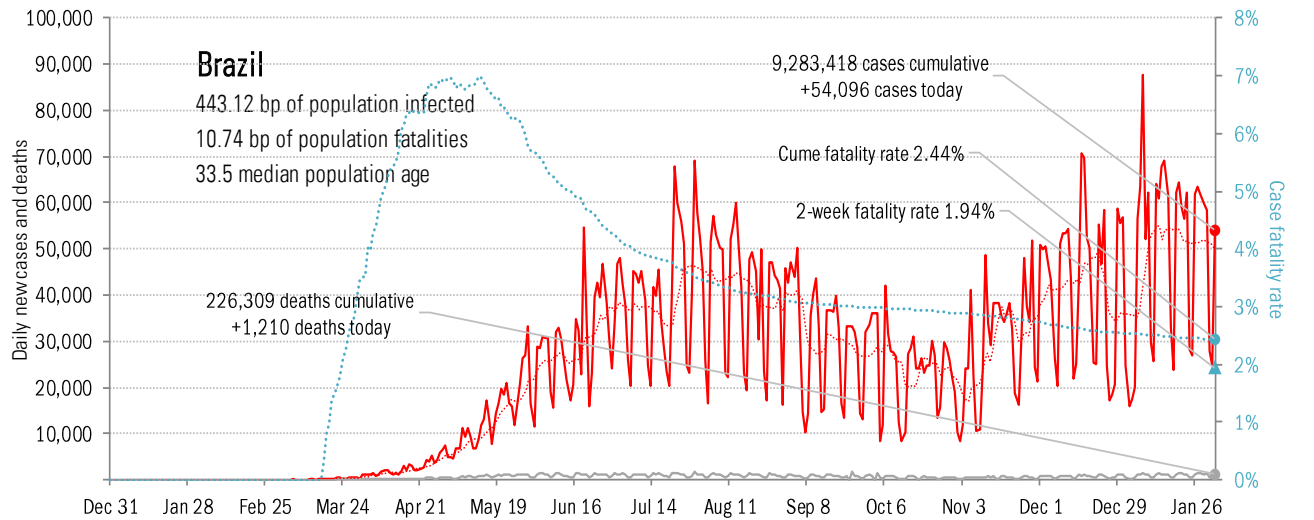
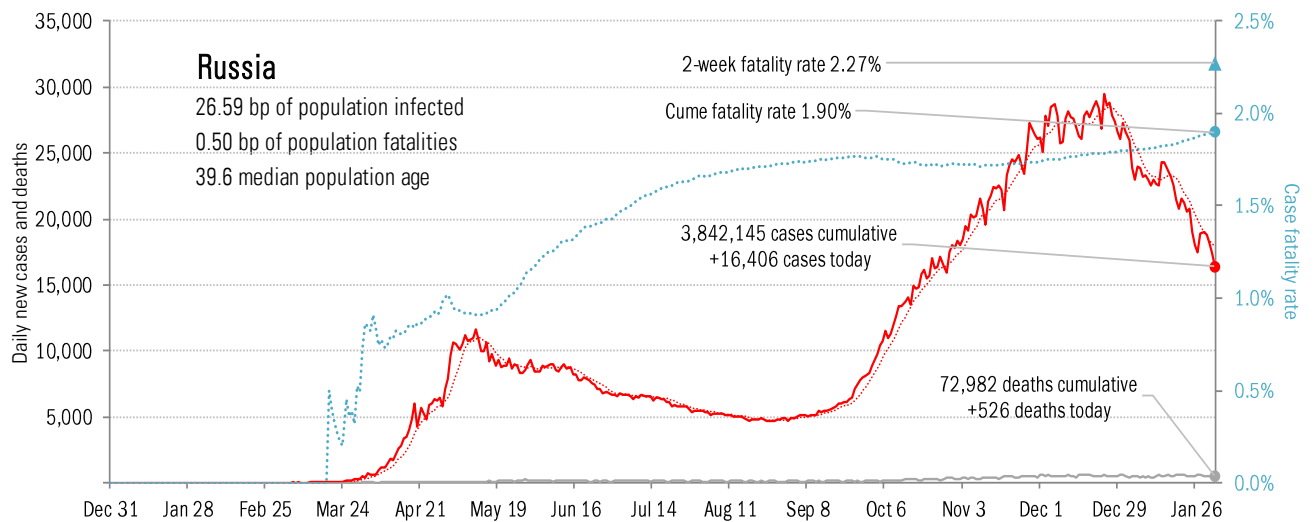
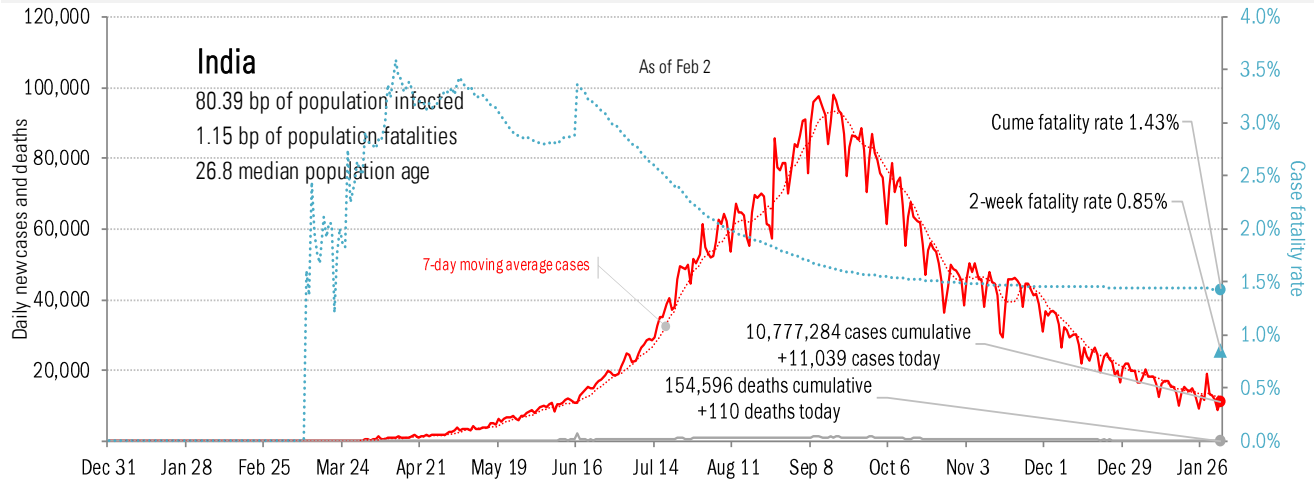
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



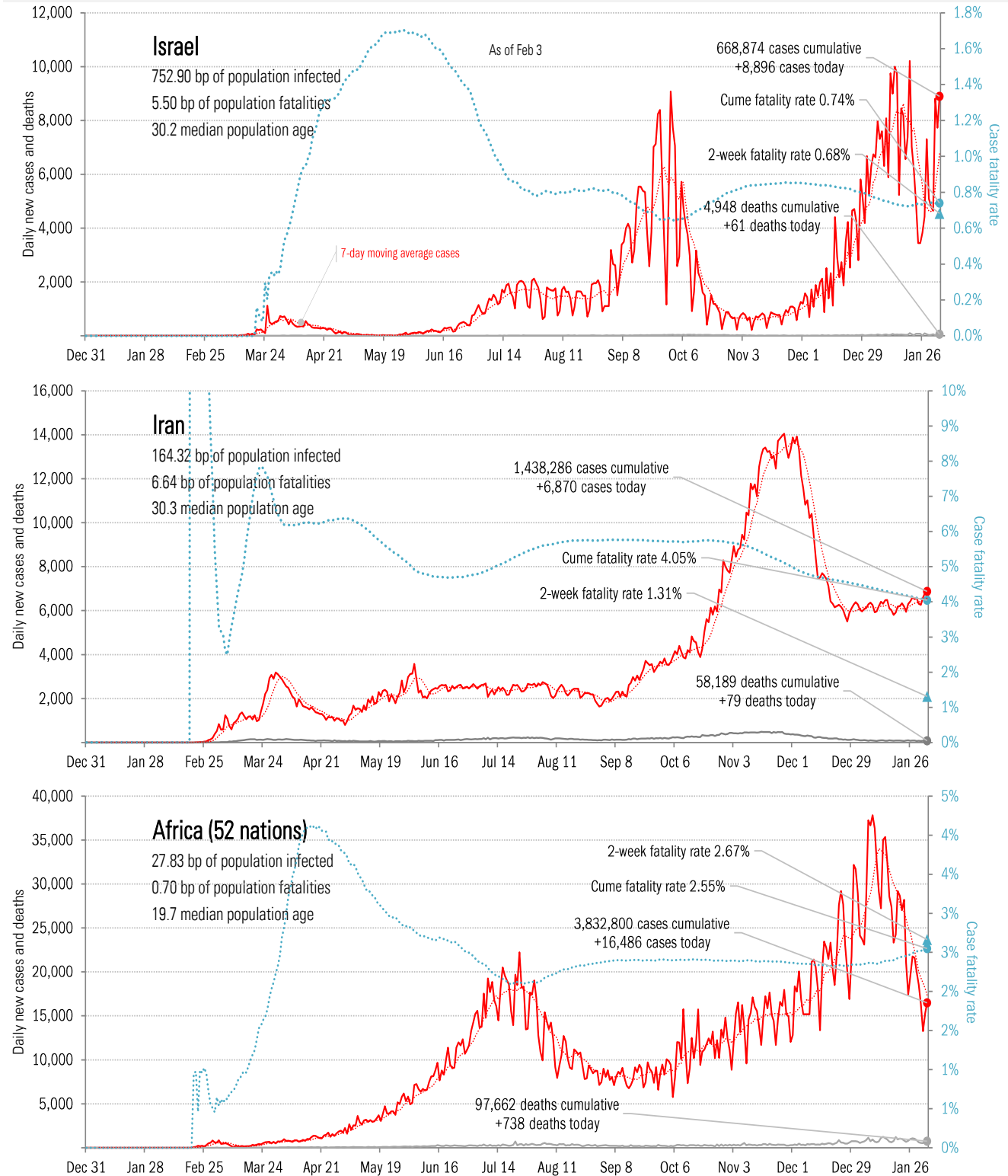
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



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

Impact in the Middle East and Africa



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