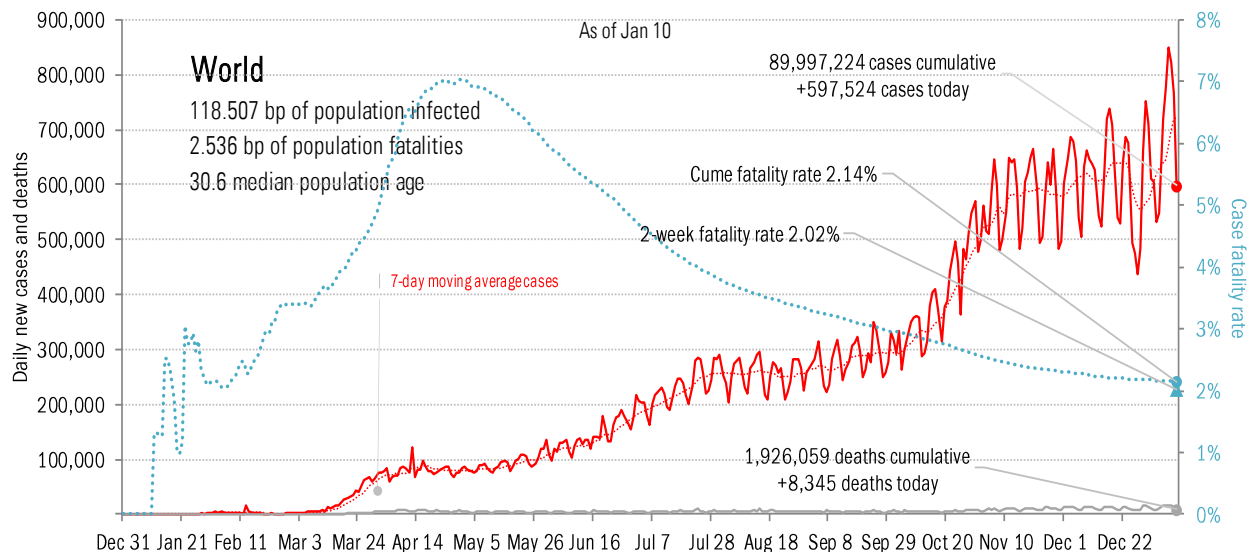
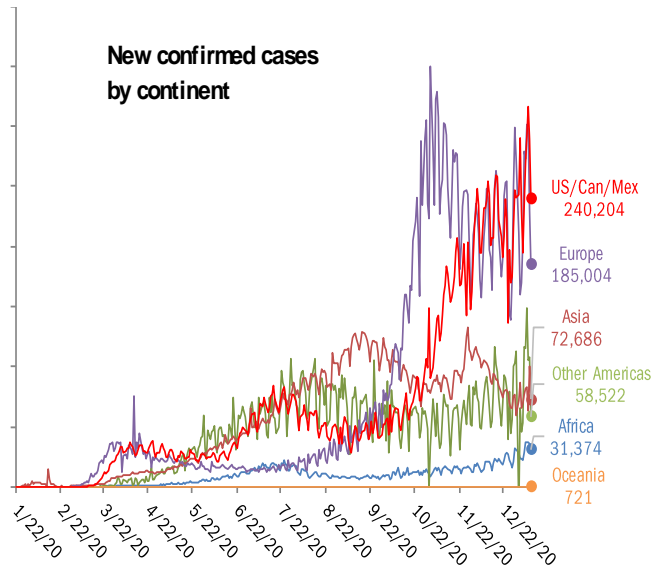


Data Insights: Covid-2019 Monitor

Tuesday, January 12, 2021

The global scorecard

The worst ten countries			
New cases		New Deaths	
United States	+ 222,918	United States	+ 1,999
United Kingdom	+ 55,026	United Kingdom	+ 567
Brazil	+ 29,792	Mexico	+ 502
Russia	+ 22,540	Brazil	+ 469
Italy	+ 18,625	Russia	+ 440
South Africa	+ 17,421	Italy	+ 361
India	+ 16,311	Germany	+ 339
France	+ 15,944	South Africa	+ 339
Colombia	+ 15,537	Colombia	+ 330
Mexico	+ 10,003	Indonesia	+ 182
+ 424,117		+ 5,528	
World + 597,524		World + 8,345	
Top ten 71%		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

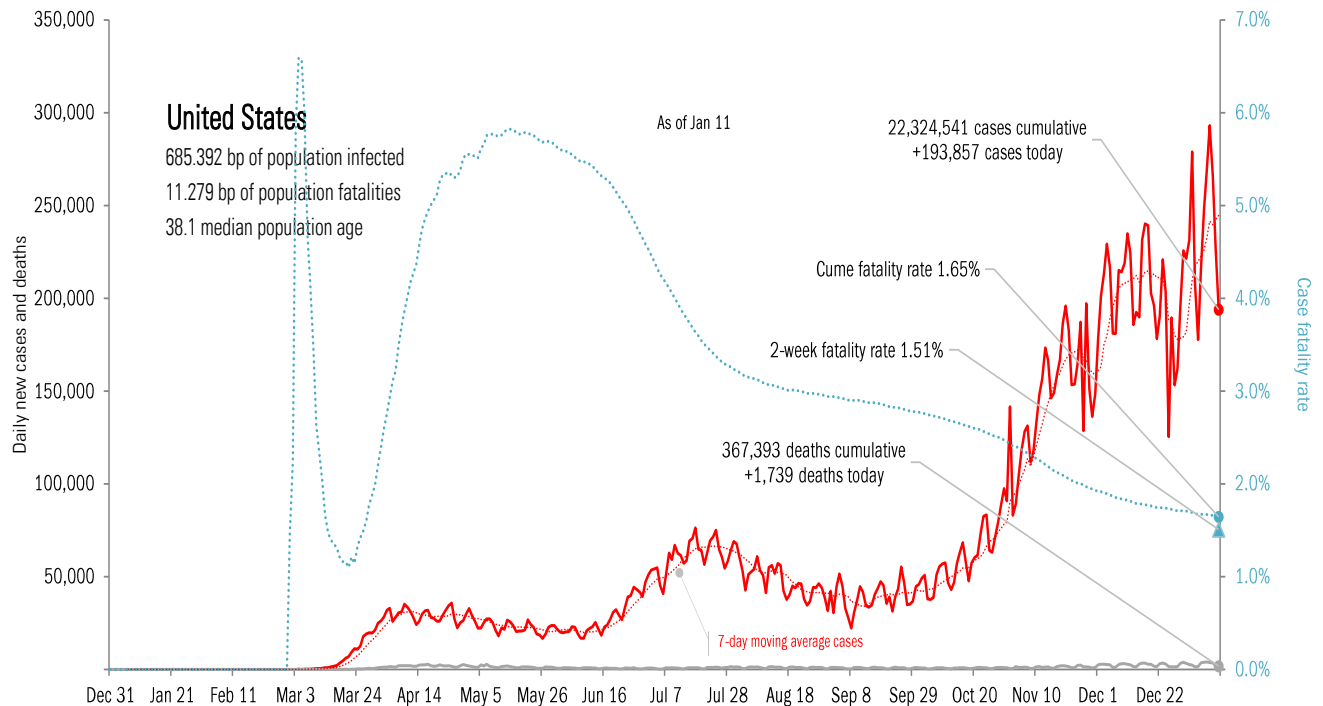
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	+39,839		CA	+264		TX	+286		CA	2,710,801		NY	31,841		NY	89,995		RI	90%	AL	96%
TX	+14,834		NY	+169		AL	+225		TX	1,969,240		CA	29,965		FL	66,738		GA	89%	GA	94%
NY	+13,714		FL	+163		NY	+161		FL	1,461,958		TX	29,933		NJ	53,335		SC	88%	RI	91%
FL	+11,338		KS	+107		FL	+156		NY	1,140,156		FL	23,424		GA	44,742		MD	86%	OK	91%
AZ	+8,995		CT	+92		CA	+120		IL	1,033,526		NJ	19,932		AZ	43,636		DC	84%	CA	89%
CH	+7,892		PA	+83		GA	+71		CH	784,957		IL	19,363		CH	41,377		FL	83%	NM	89%
CT	+7,364		TN	+80		NC	+69		PA	726,154		PA	17,853		AL	37,587		CA	81%	TN	89%
GA	+6,339		CH	+75		NJ	+64		TN	657,396		MI	14,192		IN	37,288		PA	81%	TX	88%
NC	+5,936		IL	+70		VA	+57		GA	642,712		MA	13,206		MD	28,731		AZ	81%	MS	87%
PA	+5,338		TX	+56		CO	+41		NC	629,124		GA	11,475		MN	22,815		MA	81%	SC	87%
+121,589			+1,159			+1,250			11,756,024			211,184			466,244						
All states	+193,857		+1,739			+525			All states	22,324,541		367,393			733,017			All states	76%	80%	
Top ten	63%		67%			238%			Top ten	53%		57%			64%			Median	73%	78%	

Some states not reporting

Five most improved US states

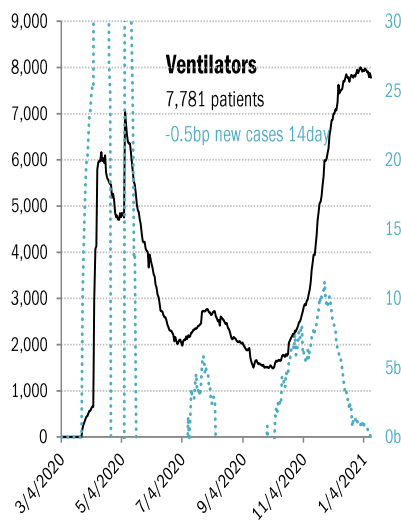
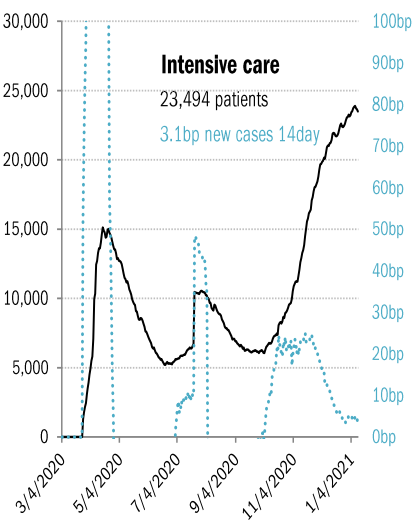
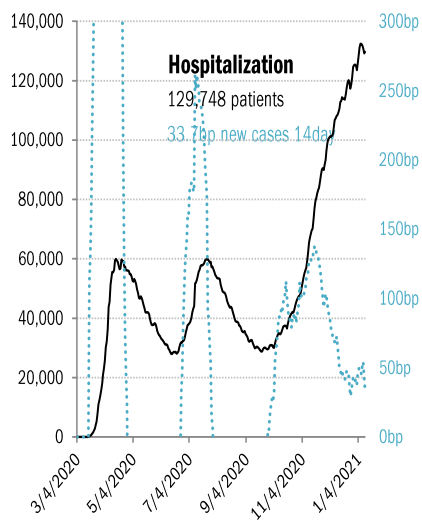
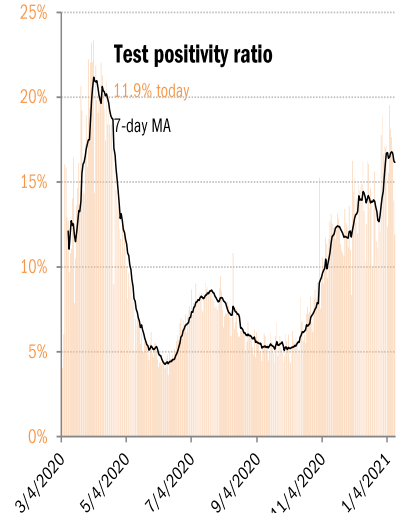
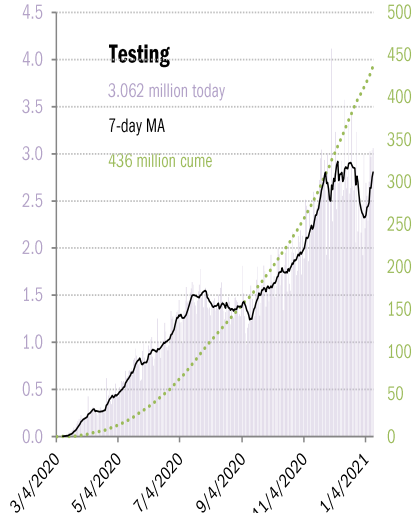
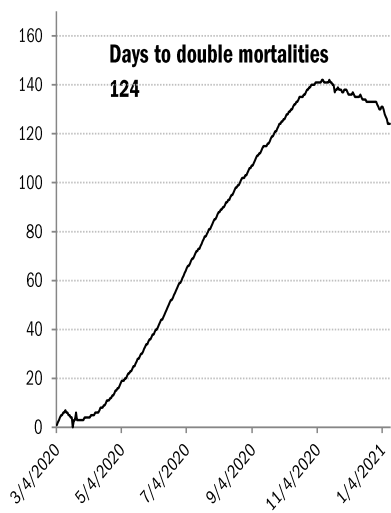
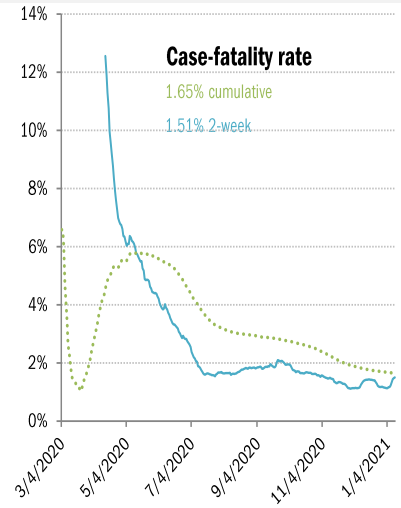
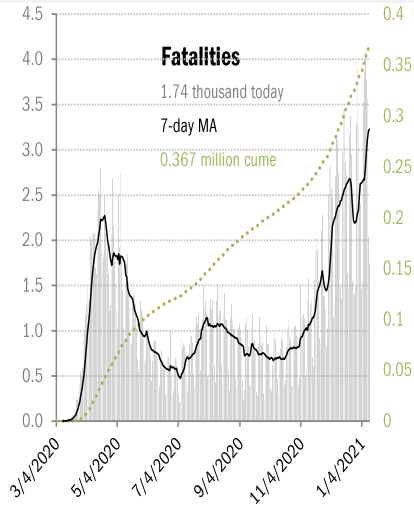
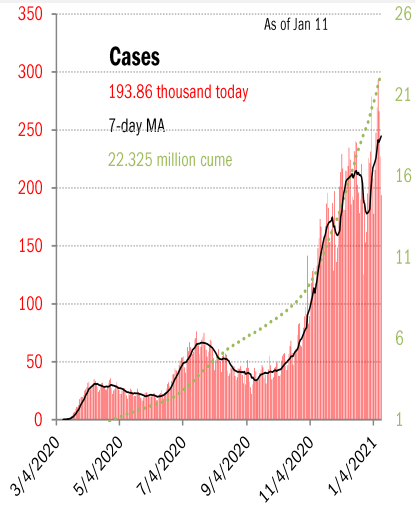
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CA	-9,846	CA	-204	CH	-409	NC	+34,385
LA	-3,993	NC	-131	KS	-279	PA	+16,863
TN	-3,892	TX	-130	MI	-84	MS	+16,785
WA	-2,988	AZ	-99	WI	-81	TX	+9,765
NC	-2,897	MN	-40	MN	-73	CH	+4,995



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

US deep-dive

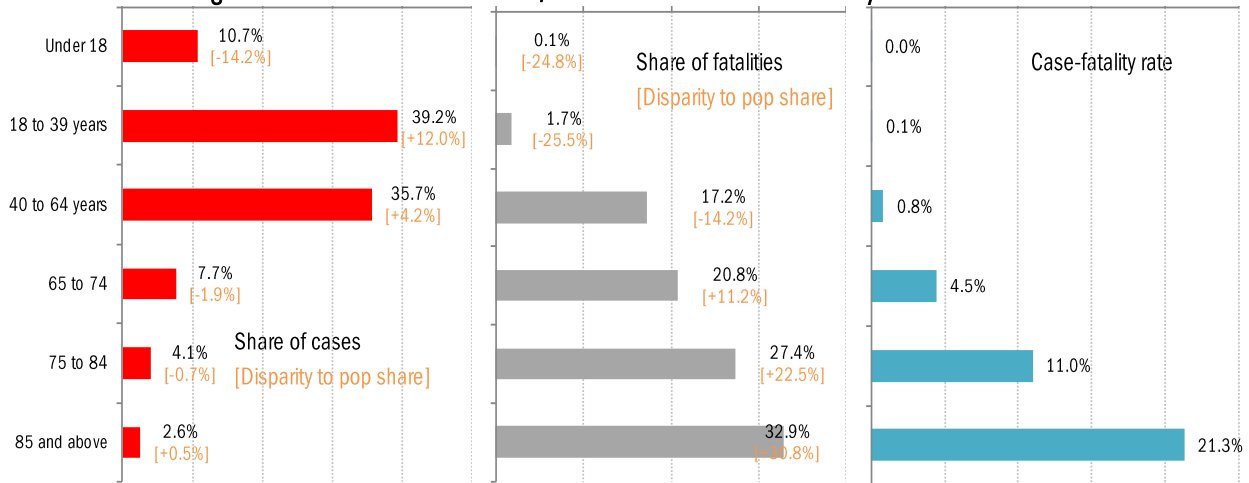
National and state-by-state data do not line up because of different sources



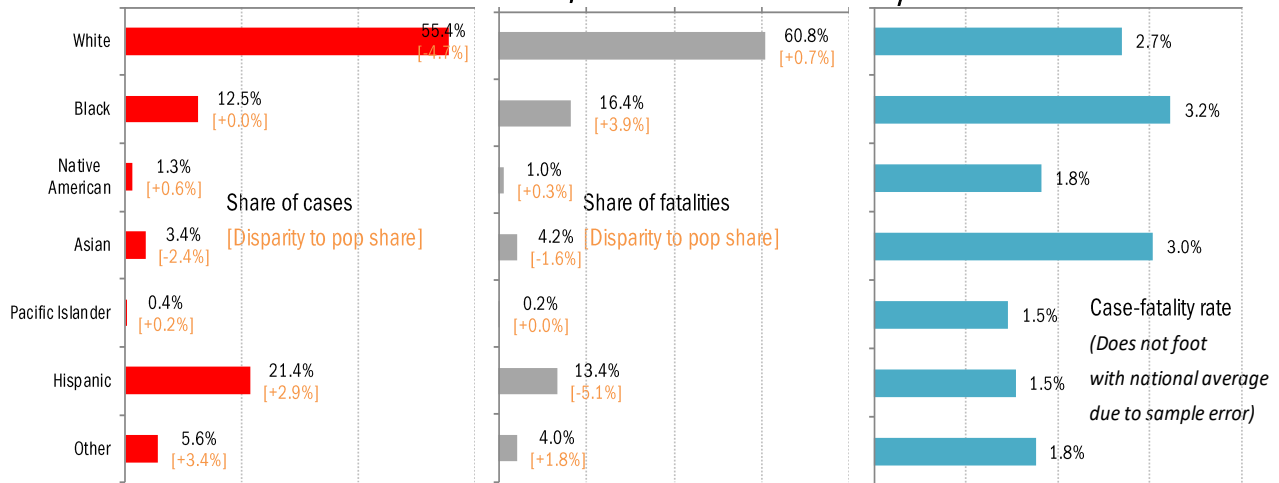
Source: [Covid Tracking Project](https://covidtracking.com), TrendMacro calculations

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

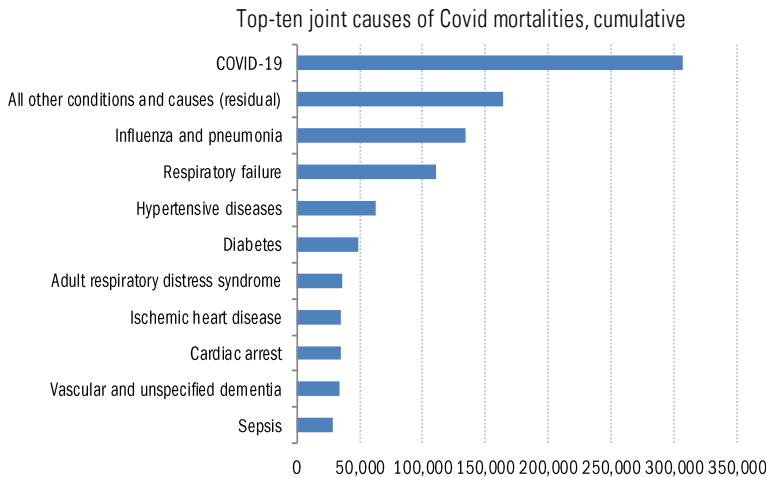
Age distribution of US cases, fatalities and case-fatality rates



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



Comorbidities



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

[COVID Facts and Figures Will Not Build Trust with Terrified Parents](#)

Erika Sanzi
Project Forever Free
January 3, 2021

[This is the most HEARTBREAKING lockdown enforcement video so far](#)

Avi Yemini
Rebel News
January 10, 2021

[Boris Johnson's Cross-London Bike Ride Threatens His Own U.K. Lockdown](#)

Tim Ross
Bloomberg
January 11, 2021

[Irish Hospitals Face Breaking Point With Virus Cases Surging](#)

Peter Flanagan
Bloomberg
January 11, 2021

[After Unused Vaccines Are Thrown in Trash, Cuomo Loosens Rules](#)

Dana Rubinstein
New York Times
January 10, 2021

Meme of day

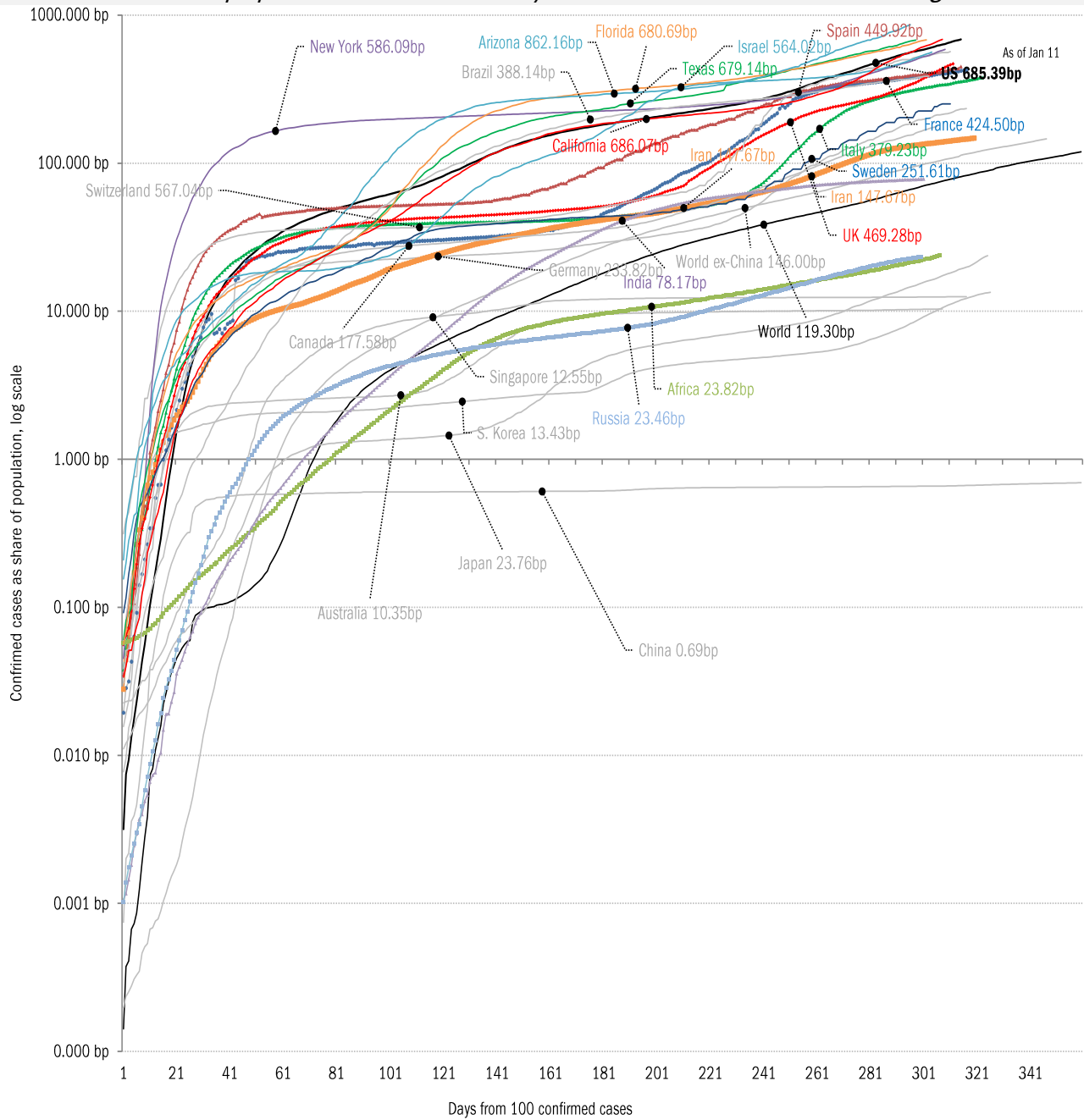
Side Effects of Lockdowns May Include

- Job loss
- Weight gain
- A weakened immune system
- Increased risk of stillbirths
- Canceled cancer treatments
- Unnoticed sexual abuse
- More murder and violent crime
- Reduced religious freedom
- Political unrest
- Undiagnosed illnesses
- Flare ups of global starvation
- A decrease in tuberculosis vaccinations
- Increased chance of long-term illiteracy
- Worldwide increase of child marriage



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

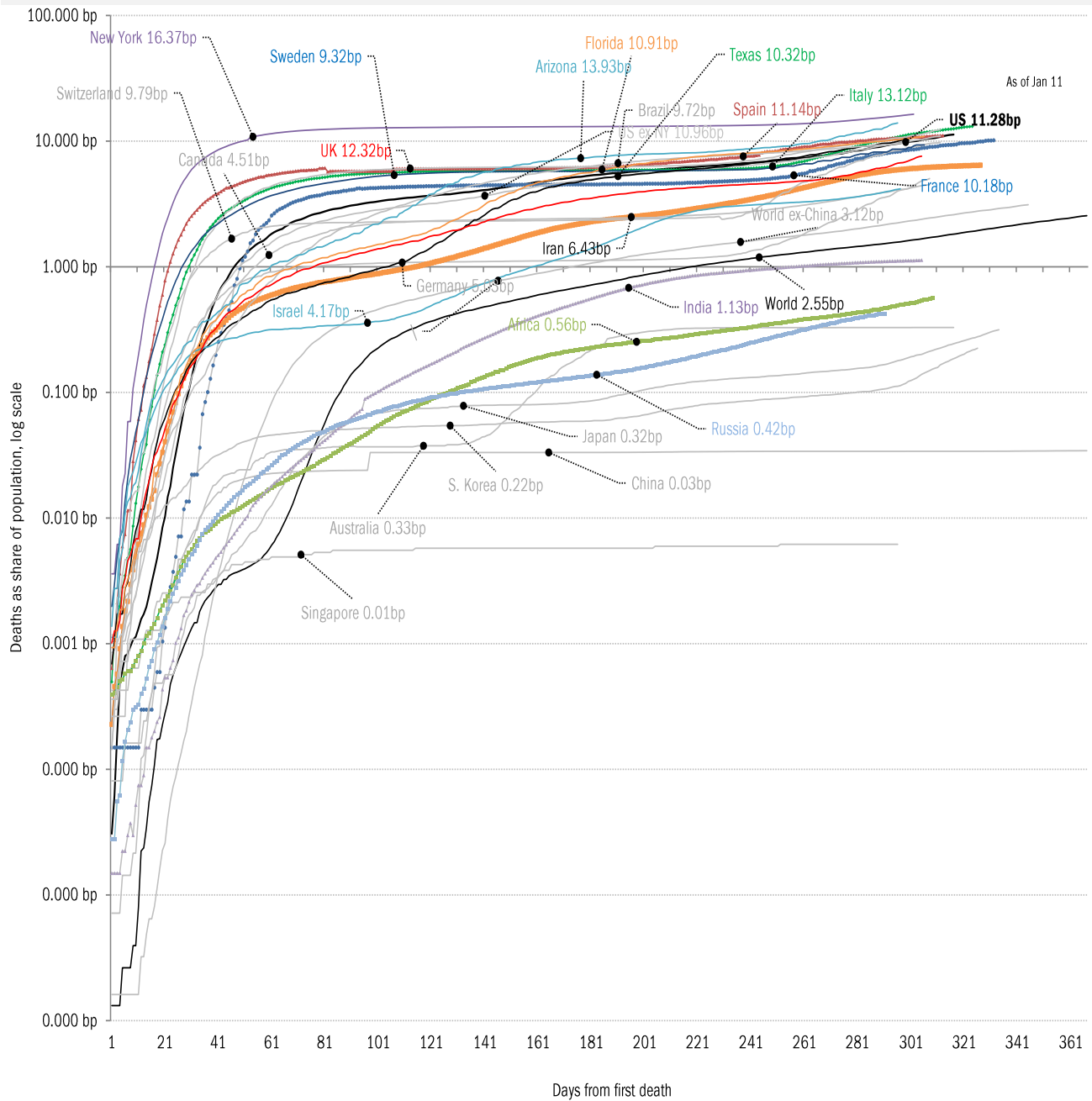
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

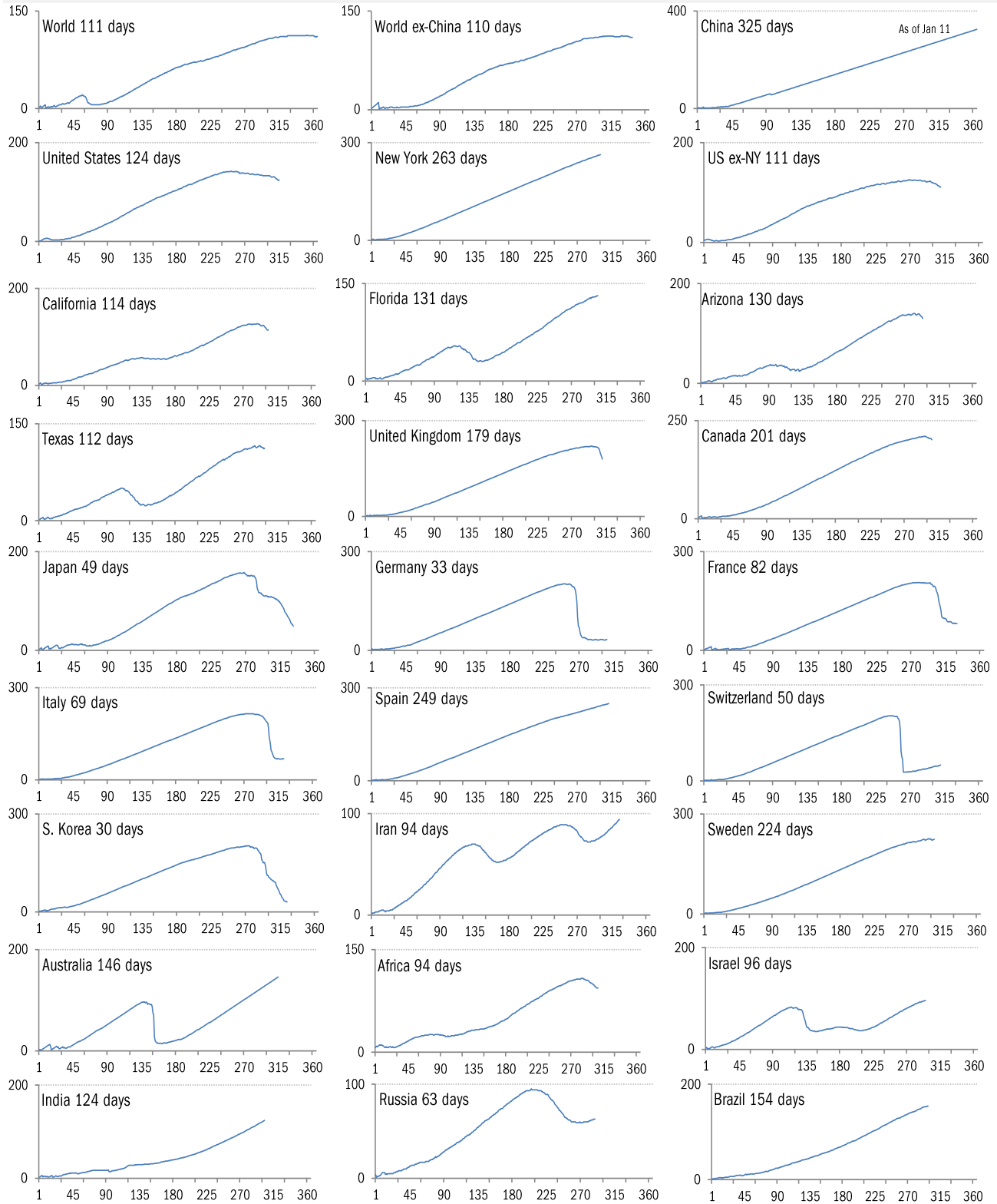


Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

"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

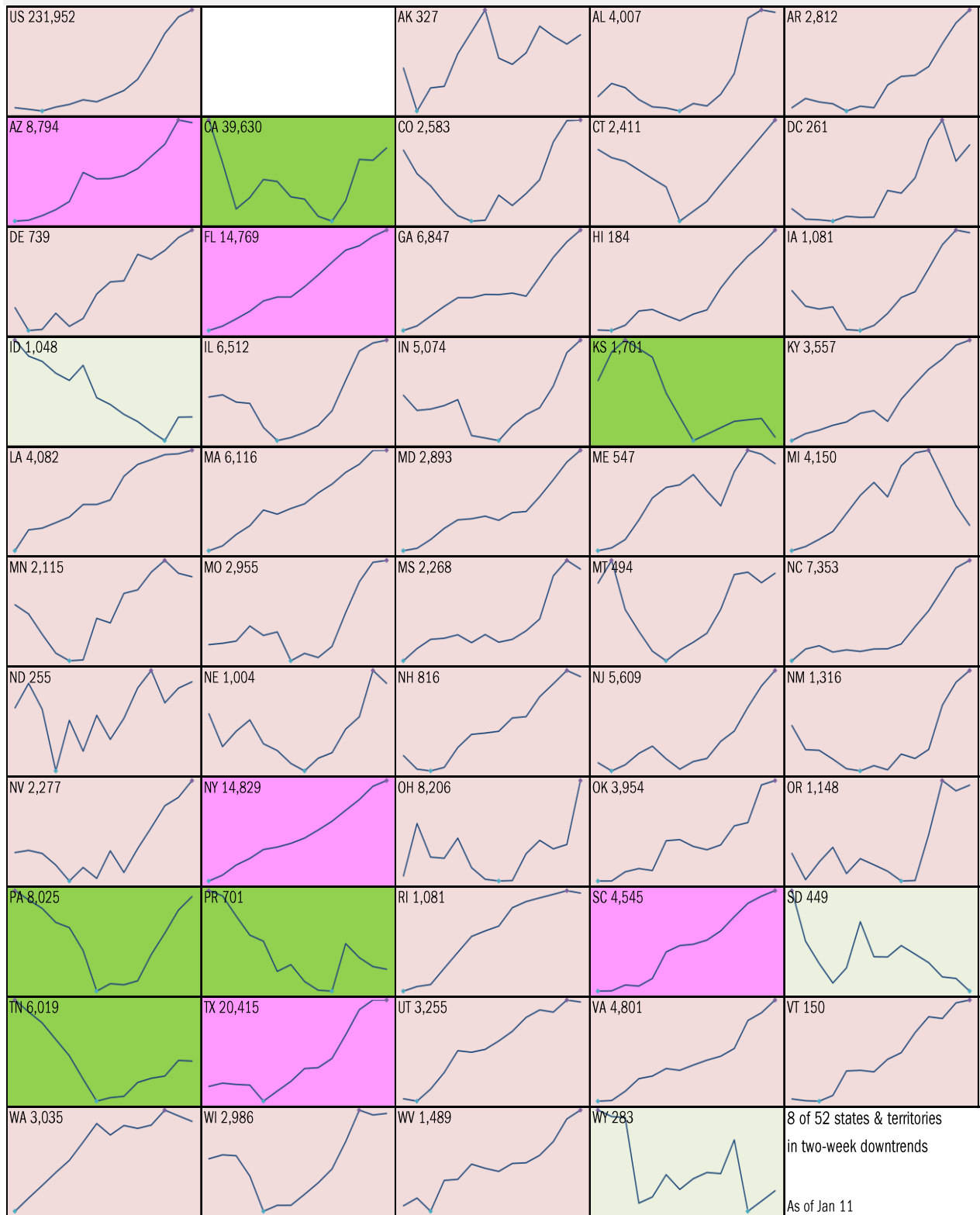


Source: [Johns Hopkins, Covid Tracking Project](#), TrendMacro calculations

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

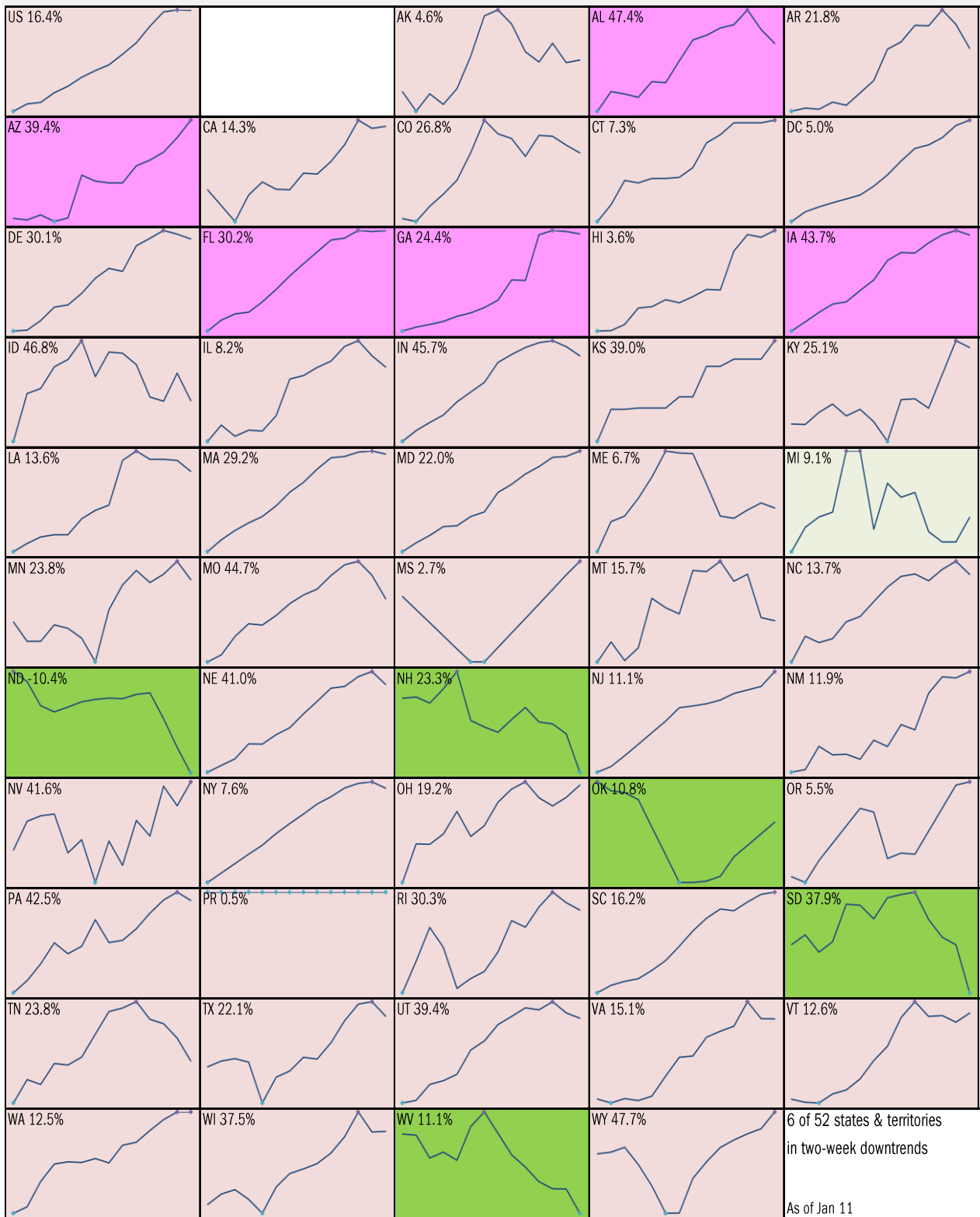


Source: [Covid Tracking Project](#), TrendMacro calculations

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



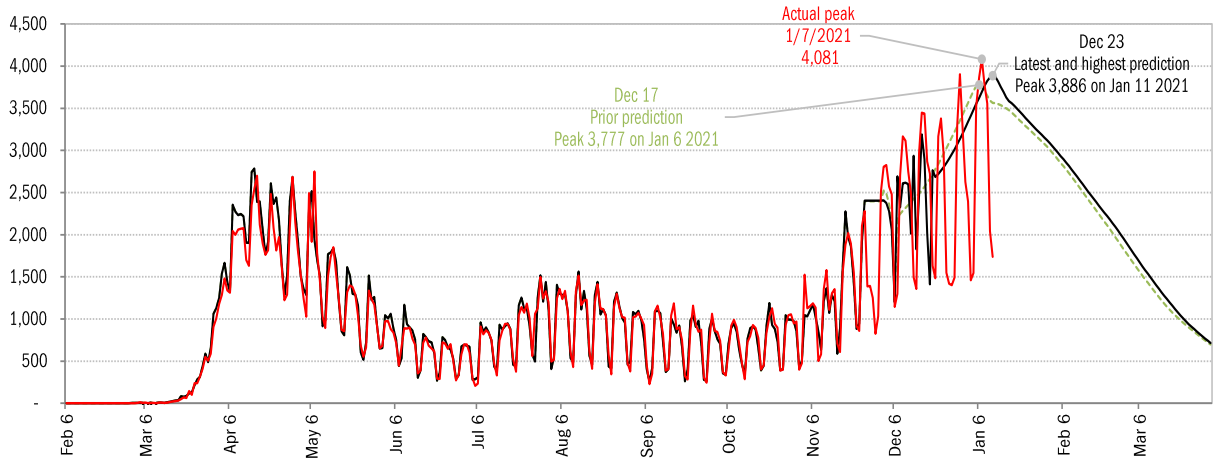
Source: [Covid Tracking Project](#), TrendMacro calculations

Reality-checking the models: actuals versus [IHME predictions](#)

New daily fatalities

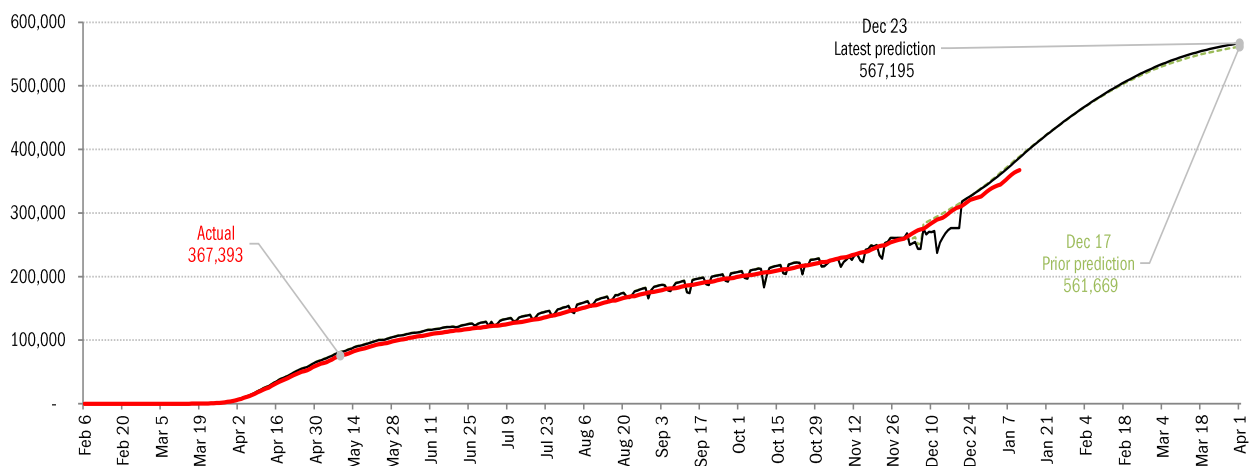
As of Jan 11

Actual versus first, highest, lowest and latest model mean predictions

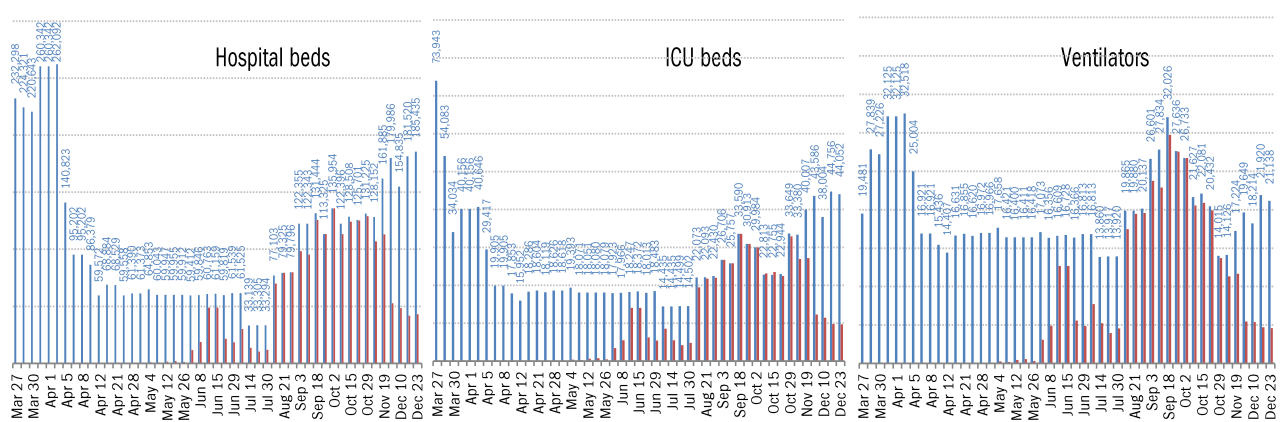


Cumulative fatalities

Actual versus first, highest, lowest and latest model mean predictions

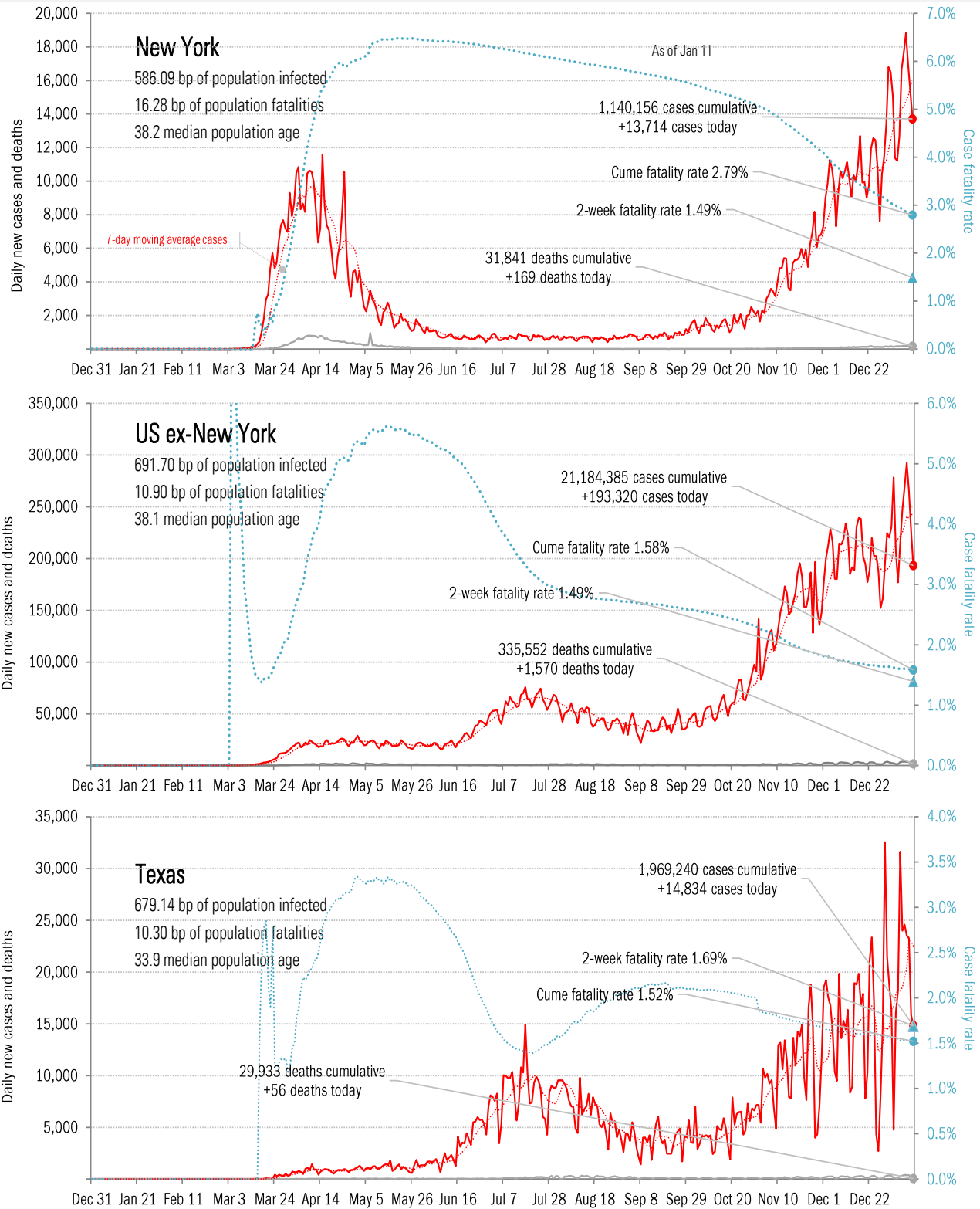


Healthcare system stress, **peak** and **ultimate** estimated at each model revision



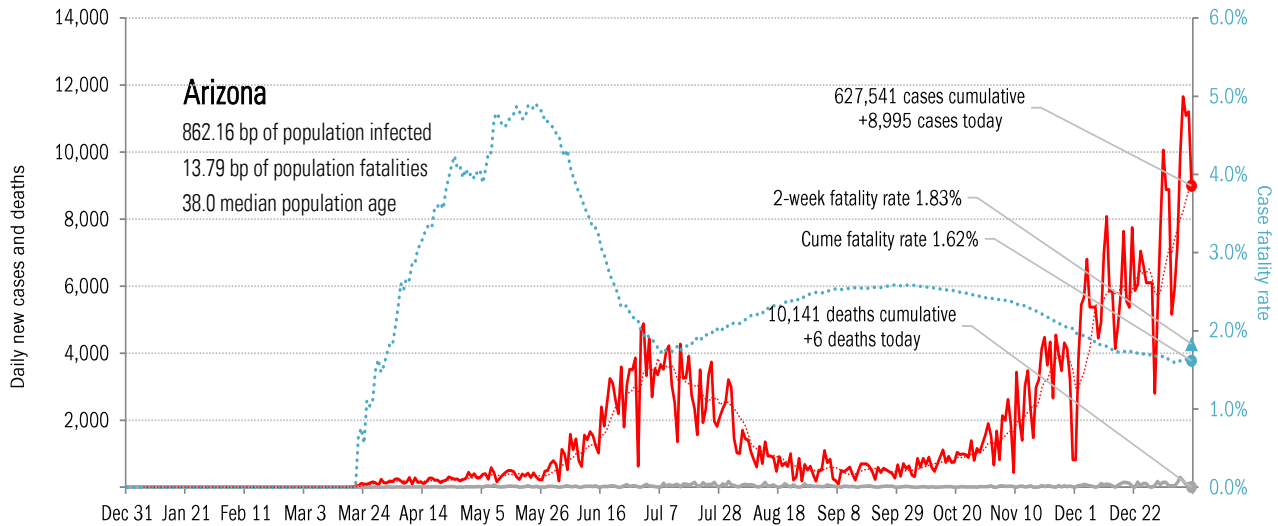
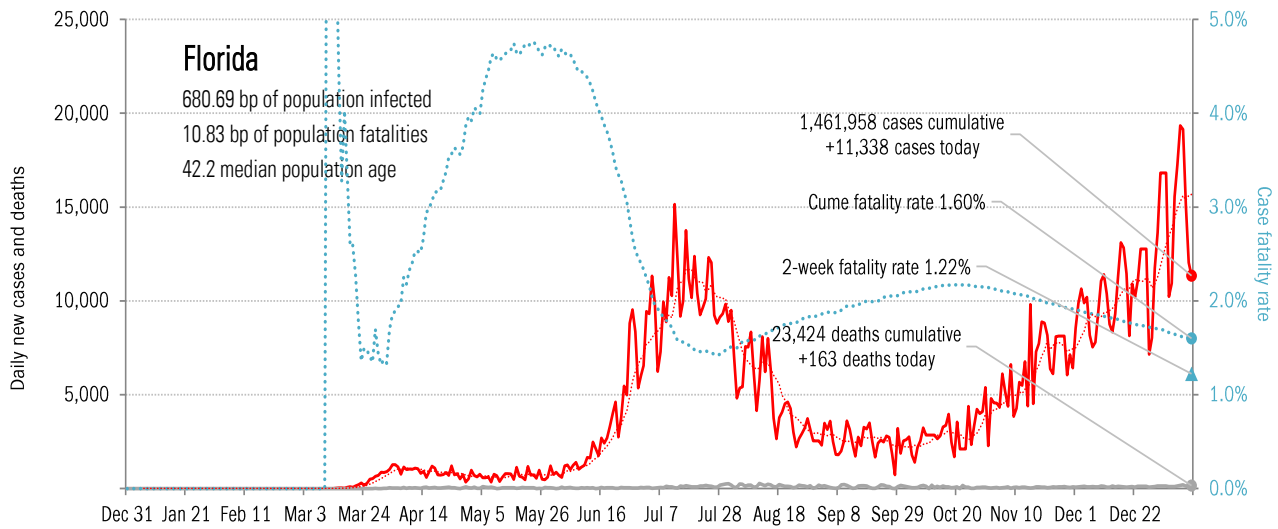
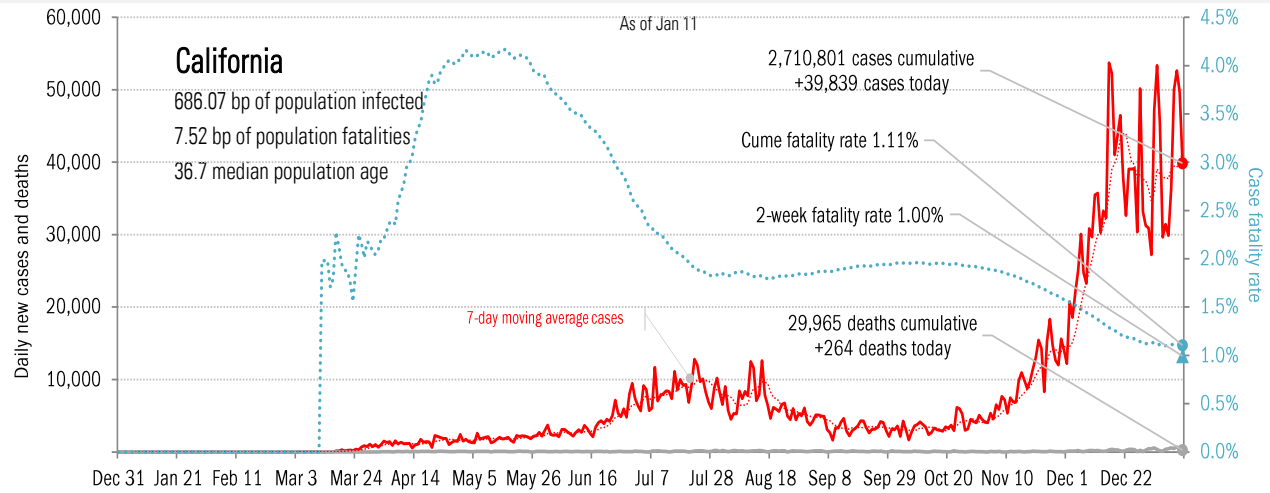
Source: [IHME](#), [Covid Tracking Project](#), TrendMacro calculations

From Ground Zero to the Rio Grande



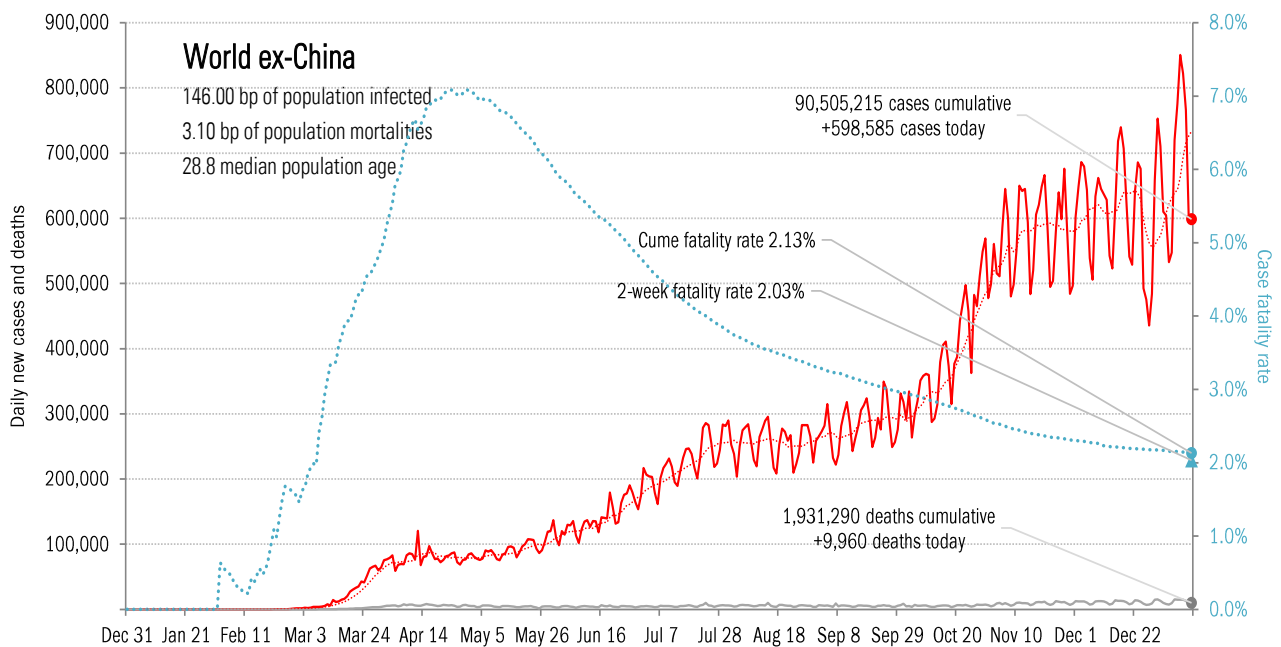
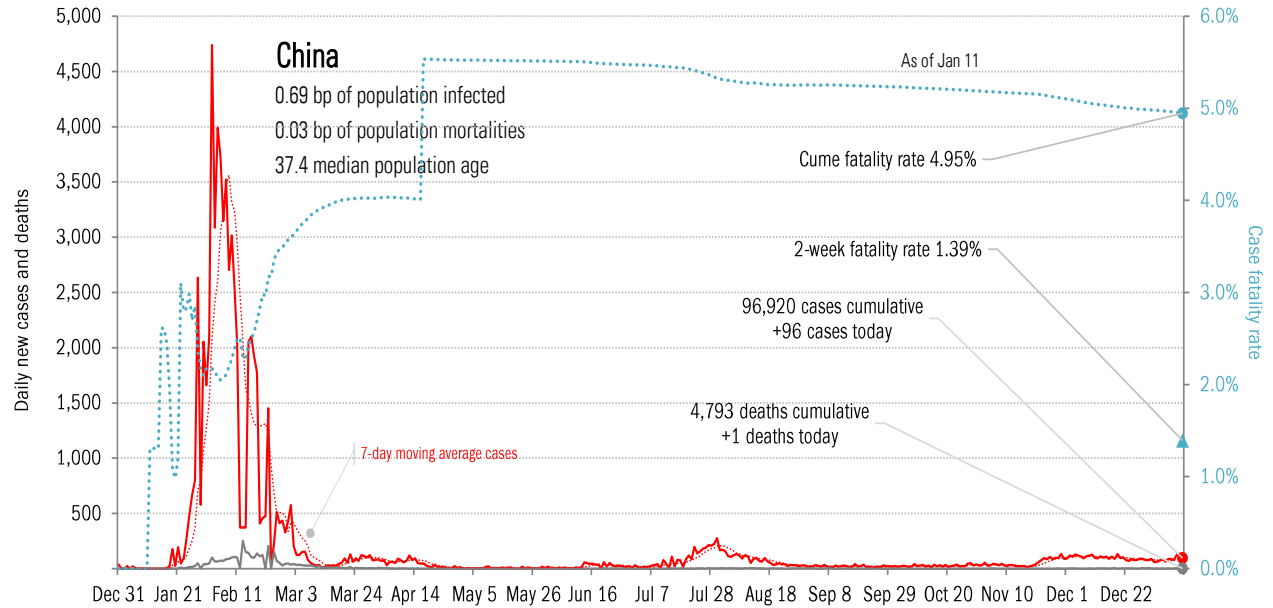
Source: [Covid Tracking Project](#), TrendMacro calculations

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



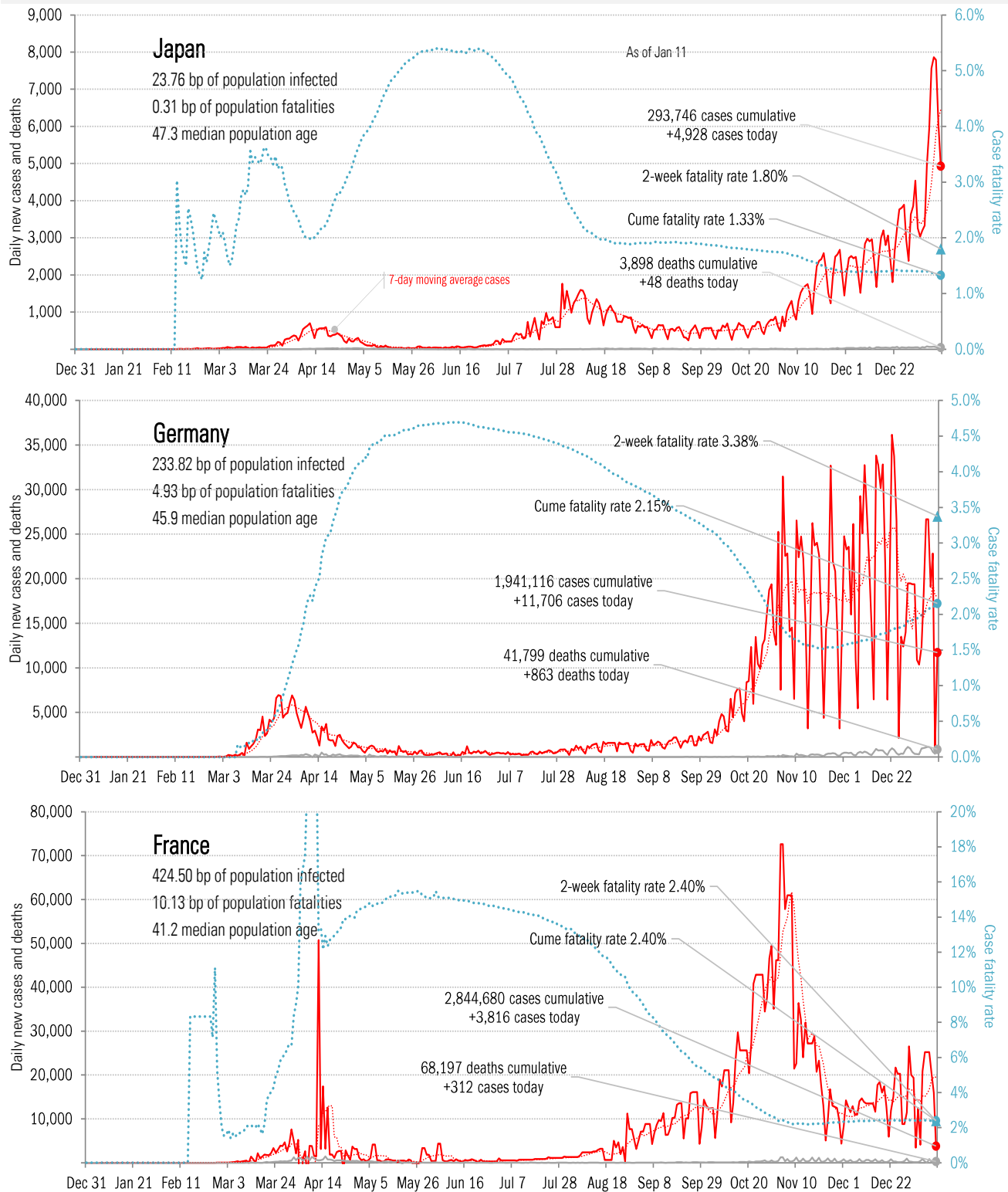
Source: [Covid Tracking Project](#), TrendMacro calculations

Patient zero... and then everyone else



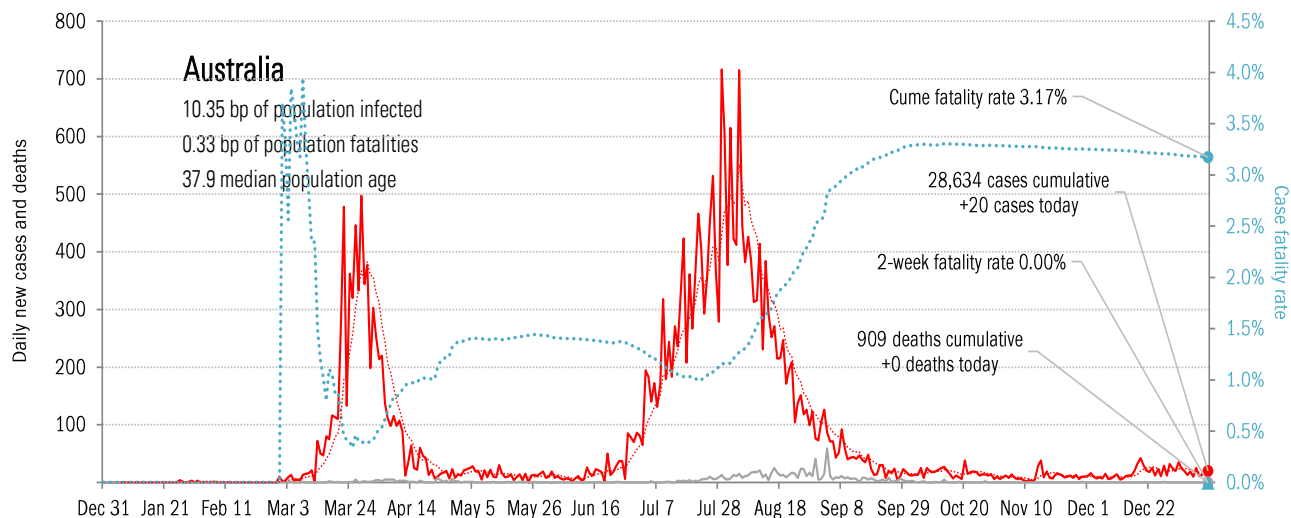
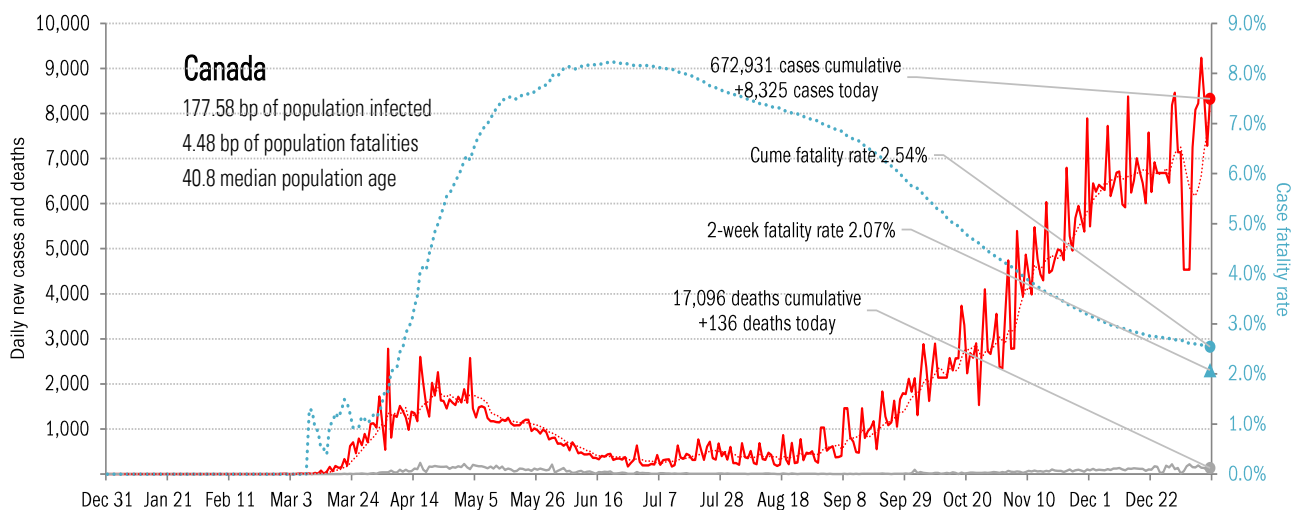
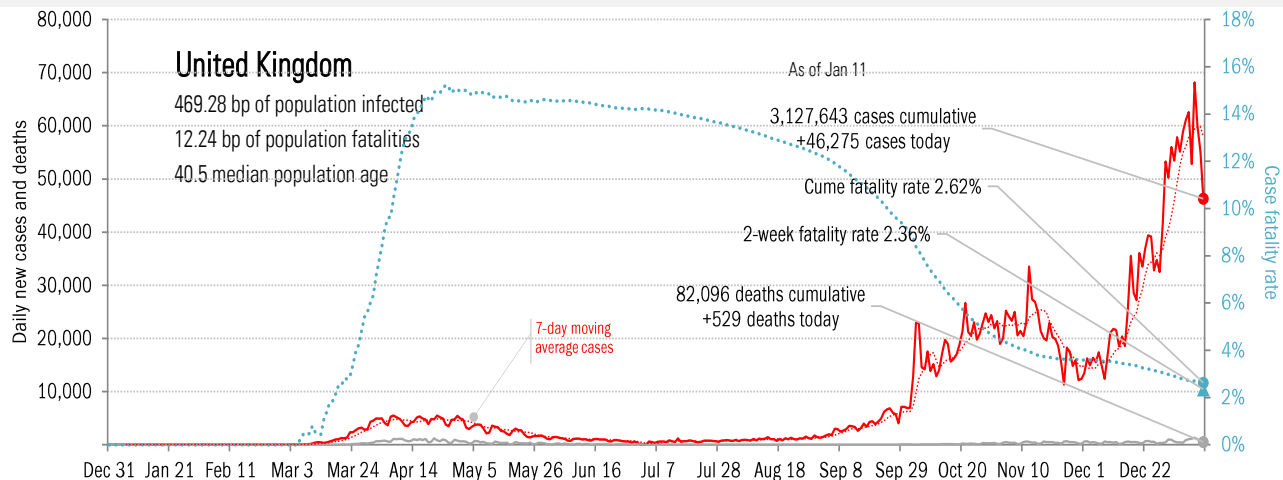
Source: [Johns Hopkins](#), [Covid Tracking Project](#), TrendMacro calculations

Impact in the largest economies



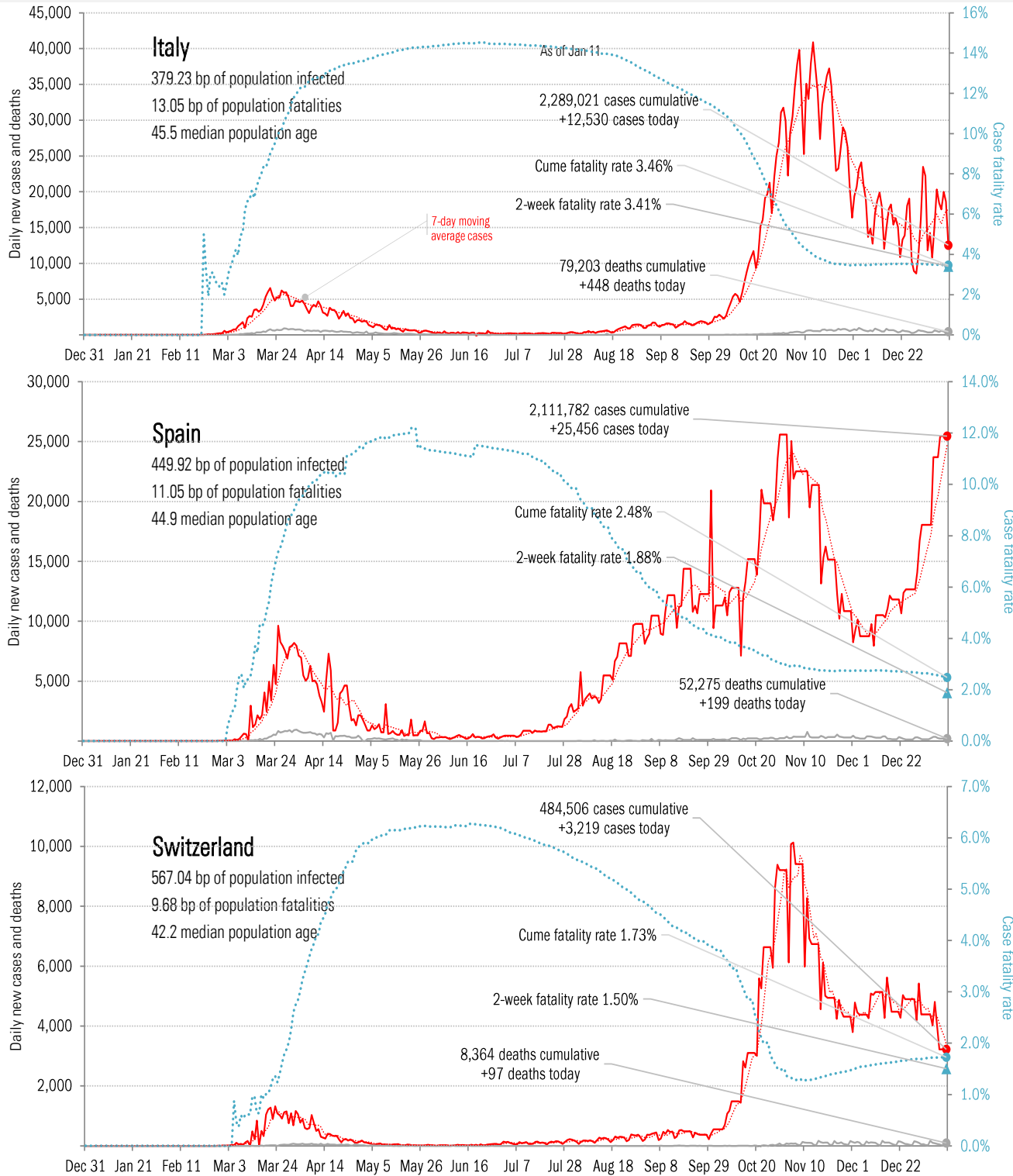
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



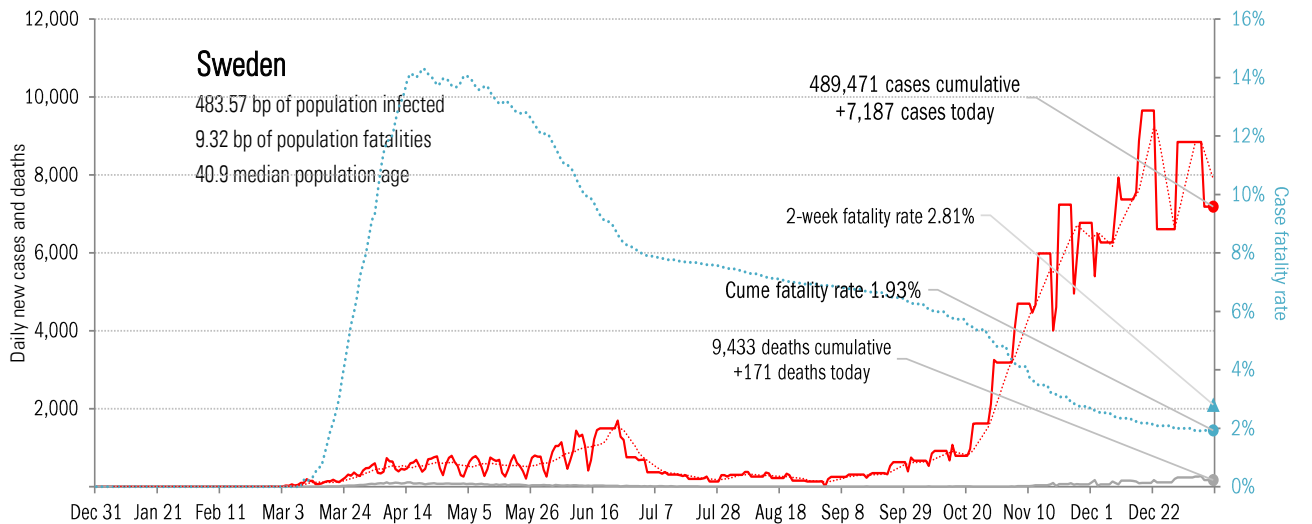
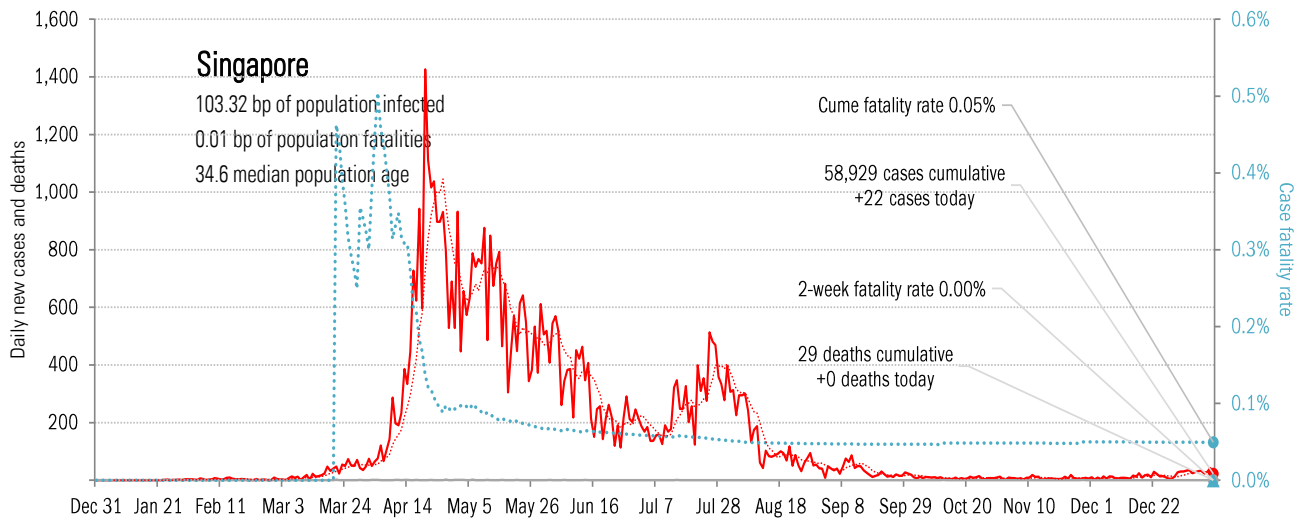
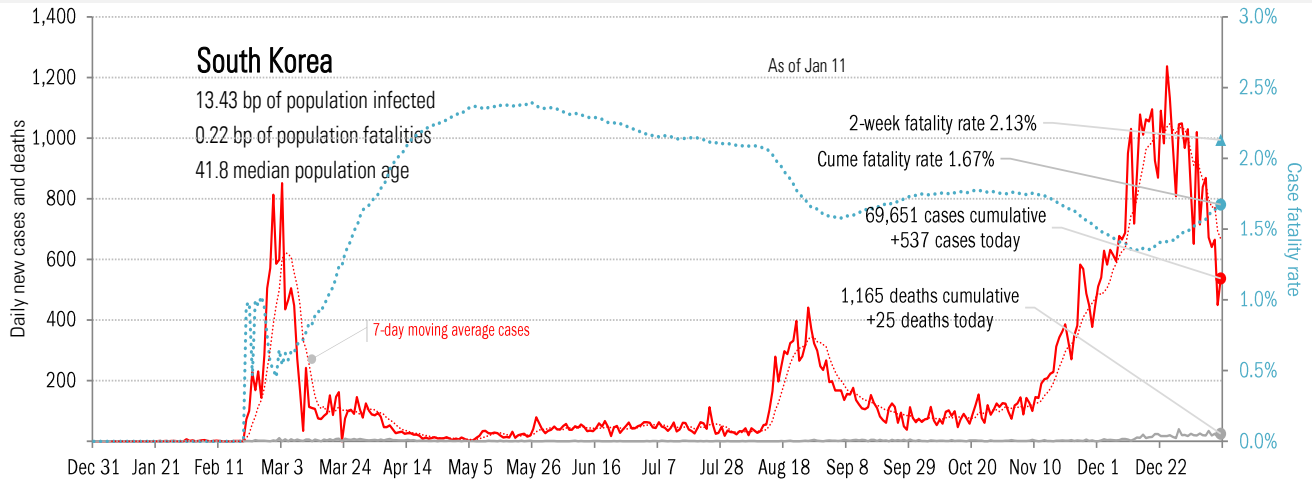
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



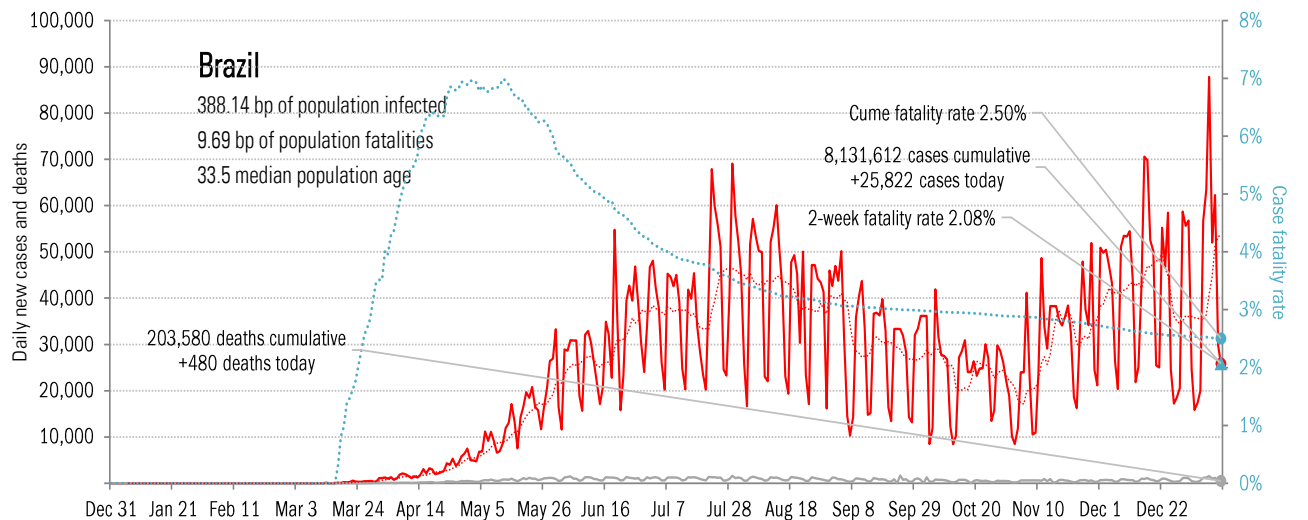
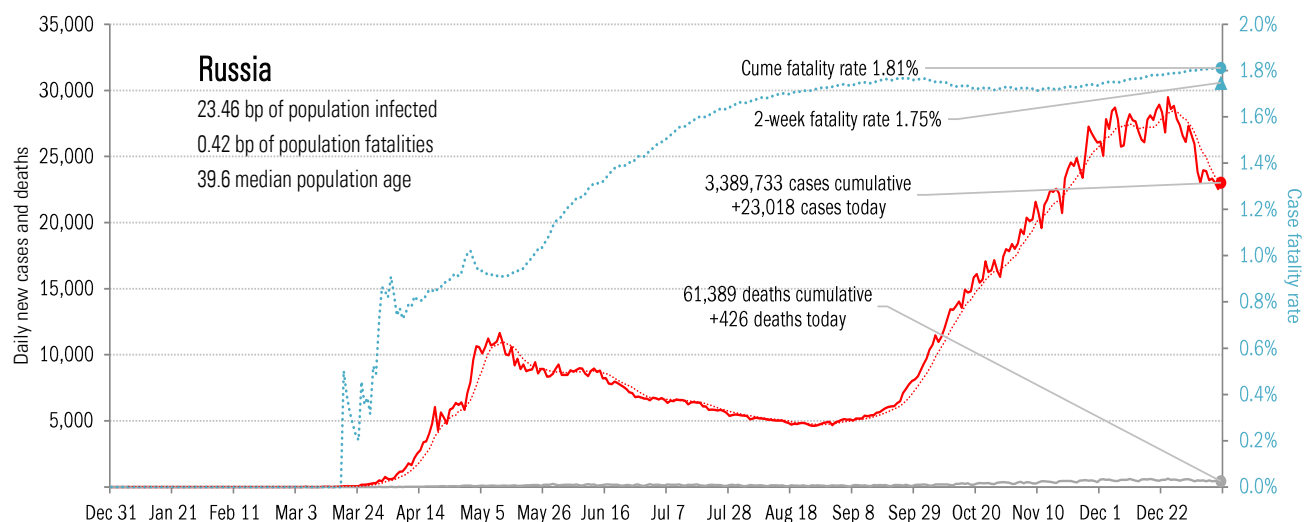
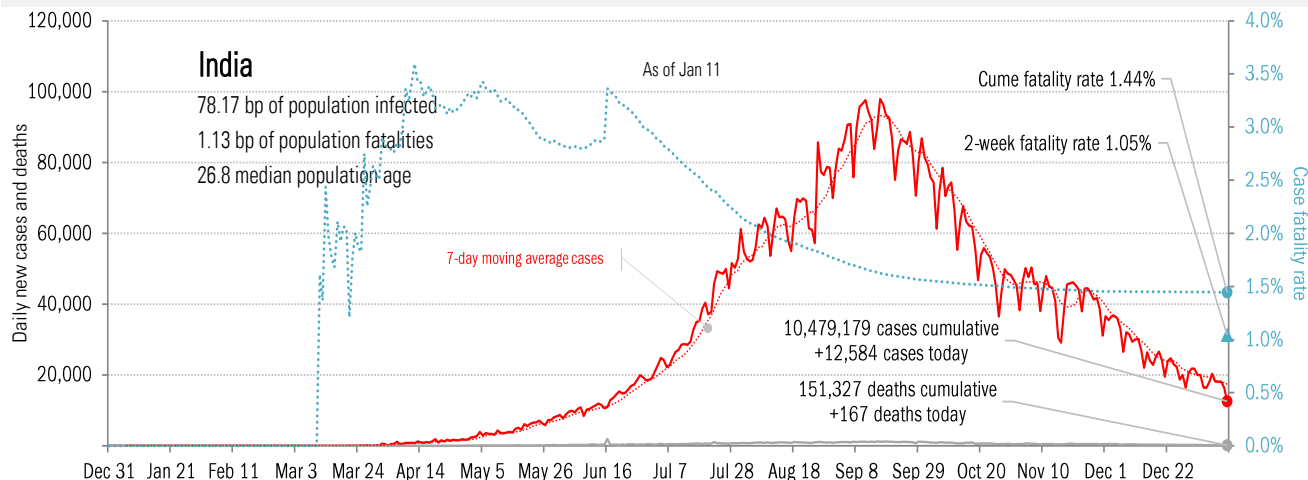
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



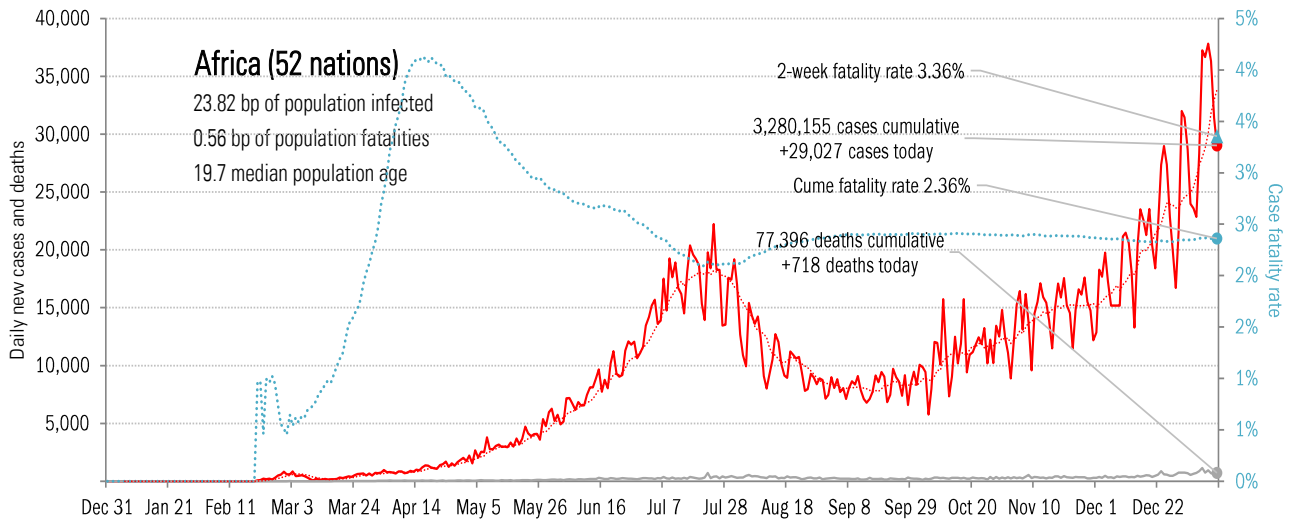
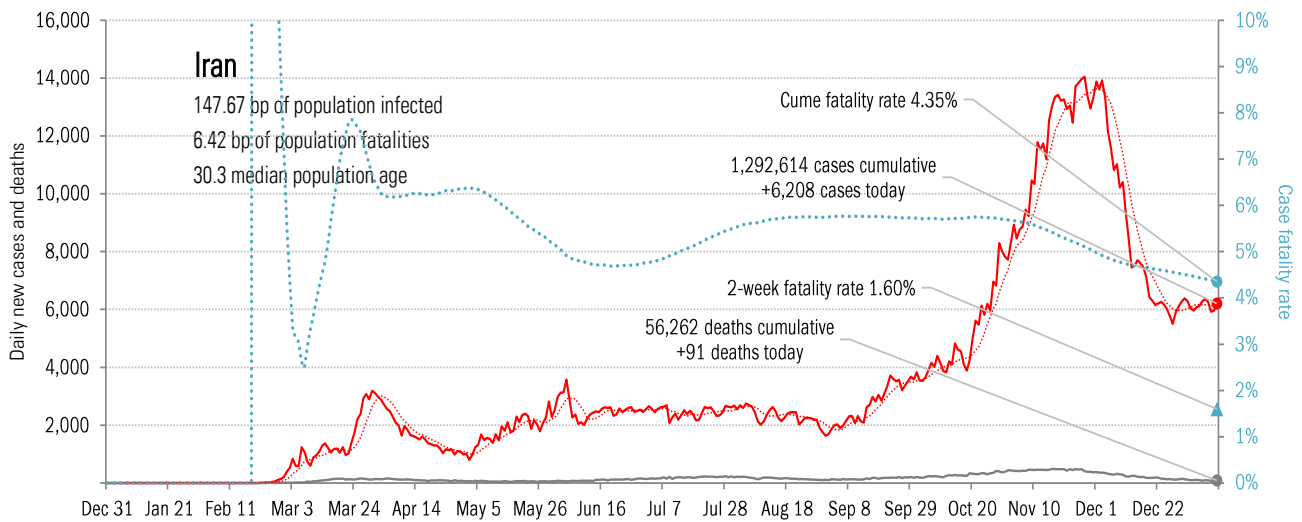
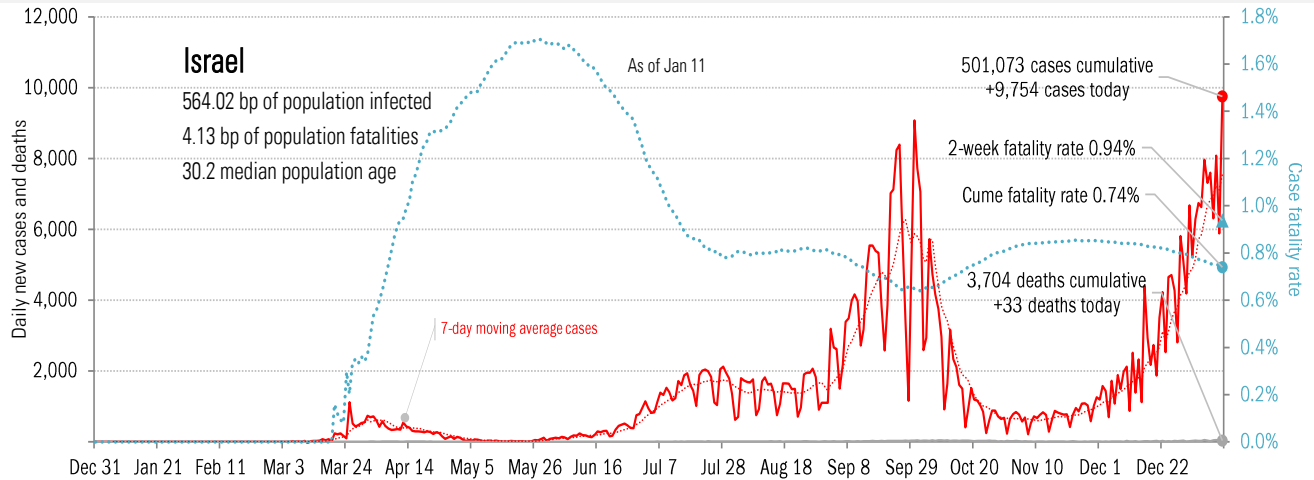
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



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

Impact in the Middle East and Africa



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