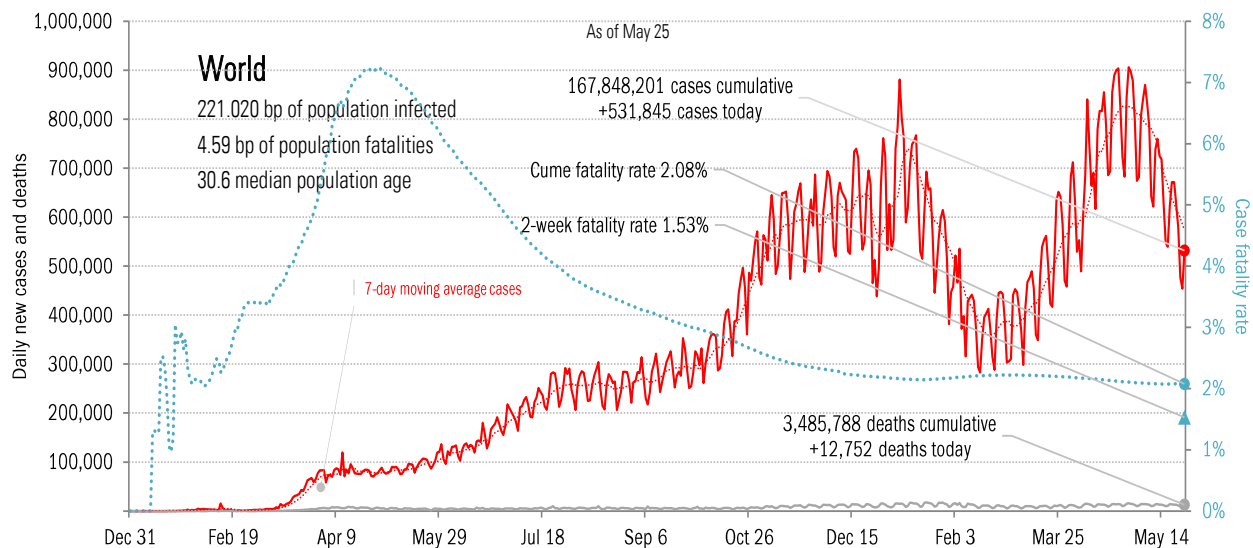
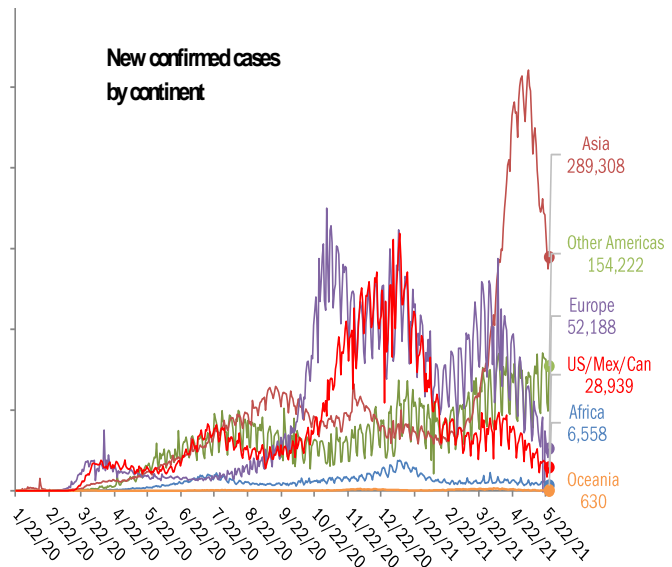


## Data Insights: Covid-2019 Monitor

Wednesday, May 26, 2021

### The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+208,921	India	+4,157
Brazil	+73,453	Brazil	+2,173
Argentina	+24,601	United States	+621
United States	+22,756	Argentina	+576
Colombia	+21,181	Colombia	+459
Iran	+11,873	Peru	+417
Turkey	+9,375	Russia	+385
Nepal	+8,387	Germany	+272
Russia	+7,762	Mexico	+265
Malaysia	+7,289	Ukraine	+257
<b>+395,598</b>		<b>+9,582</b>	
World	+531,845	World	+12,752
Top ten	74%	Top ten	75%



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

#### For more information contact us:

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 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

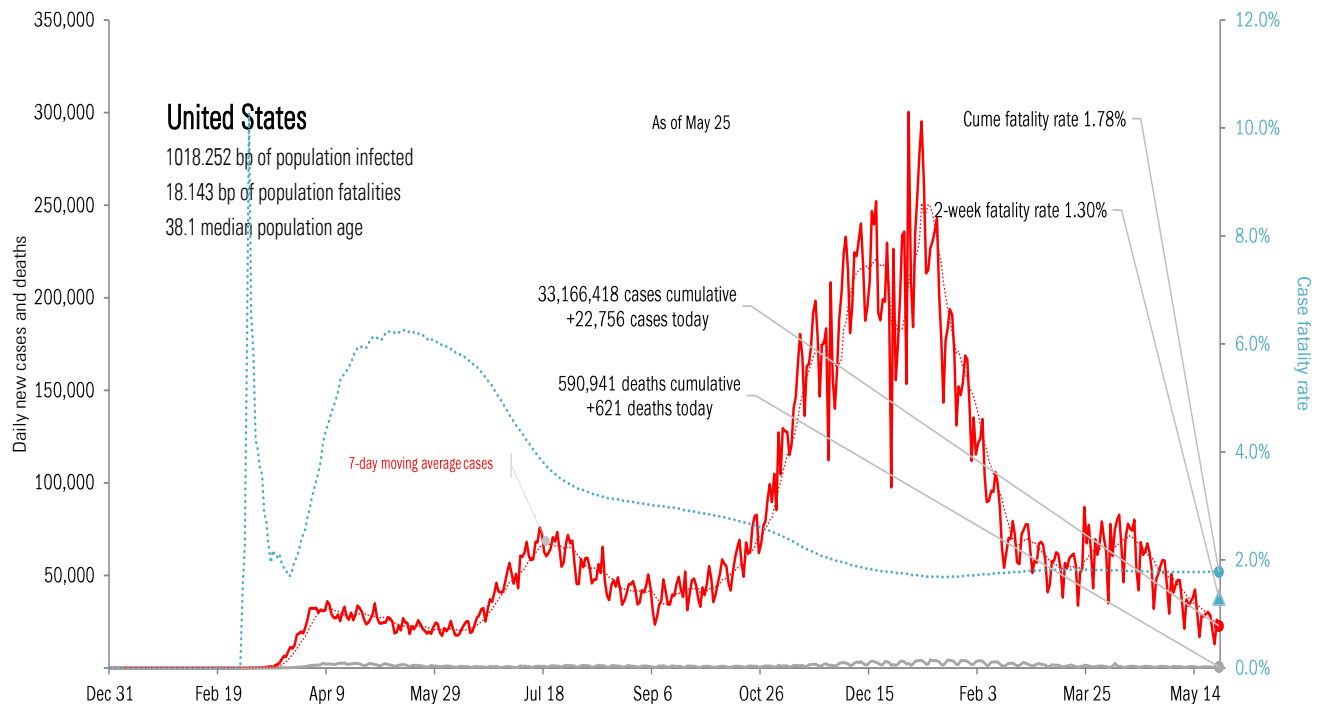
## The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	+2,528		FL	+80		GA	+72		CA	3,779,998		CA	62,986		TX	246,271		R	92%	MI	19%
FL	+1,874		MI	+71		WA	+23		TX	2,946,793		NY	53,181		CA	234,846		MA	83%	CO	18%
CA	+1,443		MO	+43		KS	+21		FL	2,313,815		TX	51,288		FL	177,500		MO	81%	ME	14%
CO	+1,403		TX	+39		TX	+17		NY	2,097,200		FL	36,581		NY	133,317		GA	81%	MN	13%
LA	+1,043		GA	+38		WV	+10		IL	1,377,165		PA	27,043		GA	105,793		MD	80%	WV	13%
MI	+973		CA	+37		WY	+10		PA	1,198,896		NJ	26,124		PA	88,844		CT	80%	MD	13%
NY	+920		PA	+34		NH	+9		GA	1,120,923		IL	25,029		CH	84,875		PA	80%	MO	12%
WA	+916		NJ	+24		NM	+9		CH	1,098,594		GA	20,699		IL	79,802		MI	80%	NM	12%
PA	+812		VA	+21		MS	+8		NJ	1,014,579		MI	20,225		KY	74,543		DC	78%	ID	12%
IL	+808		IL	+18		DC	+6		NC	998,701		CH	19,709		MI	70,750		MN	78%	GA	12%
+12,720			+405			+185			17,946,664			342,865			1,296,541						
All states	+22,756		+621			-219			All states	33,166,418		590,941			2,323,393			All states	70%	67%	
Top ten	56%		65%			-84%			Top ten	54%		58%			56%			Median	72%	8%	

Some states not reporting

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NC	-1,897	NM	-114	FL	-72	ME	+92 bp
WA	-1,089	NY	-16	KY	-49	UT	+46 bp
MI	-566	NE	-14	NC	-39	VT	+39 bp
TN	-535	NC	-12	AZ	-34	OR	+35 bp
PA	-494	MD	-8	NY	-25	MS	+34 bp

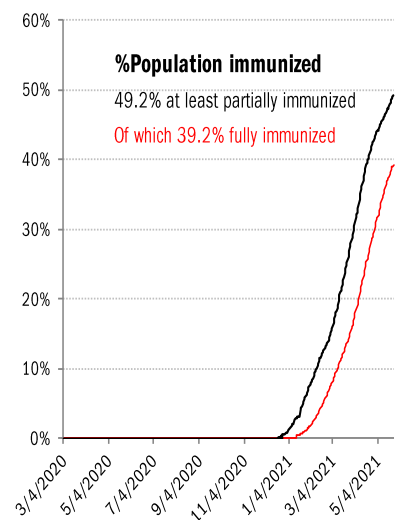
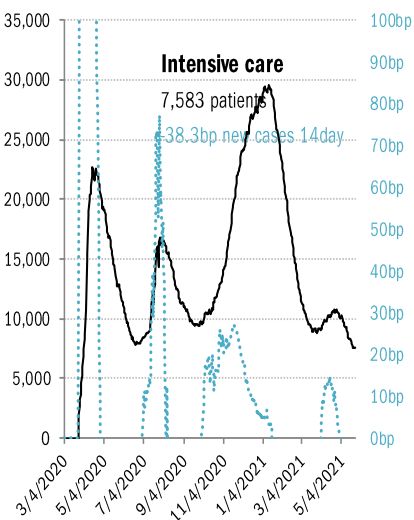
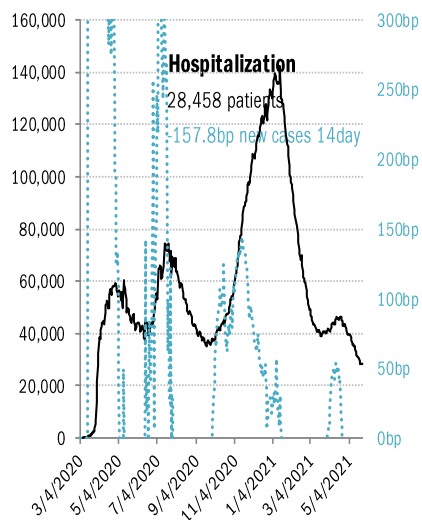
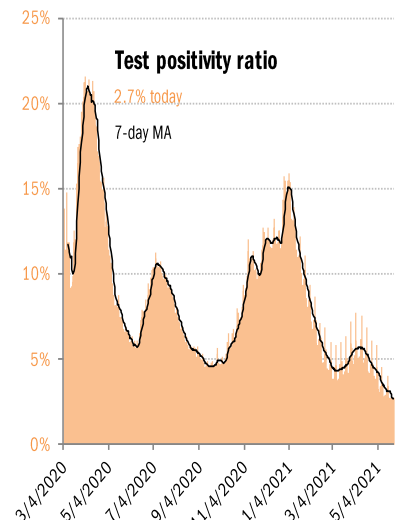
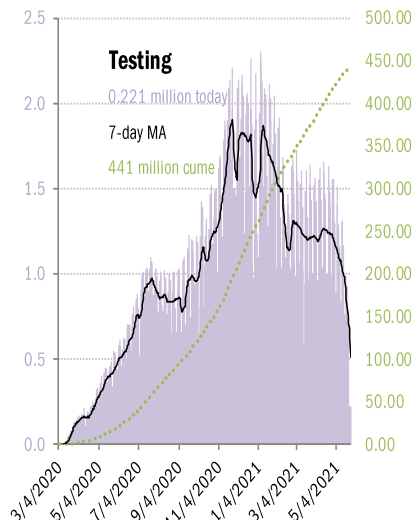
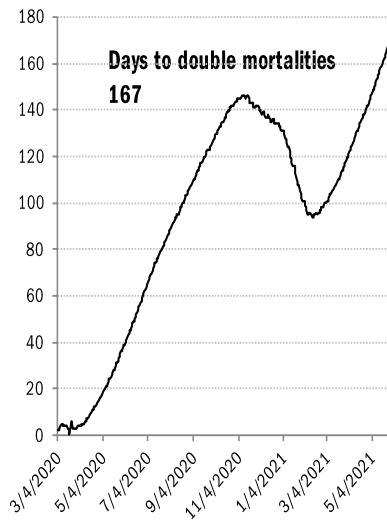
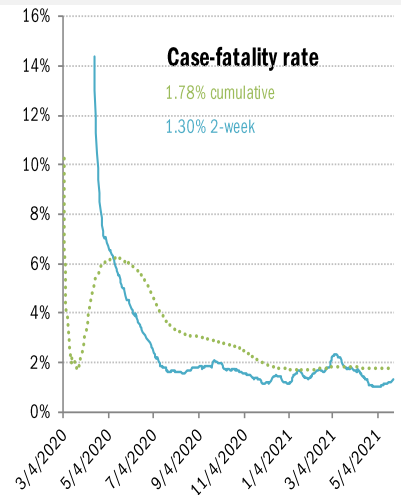
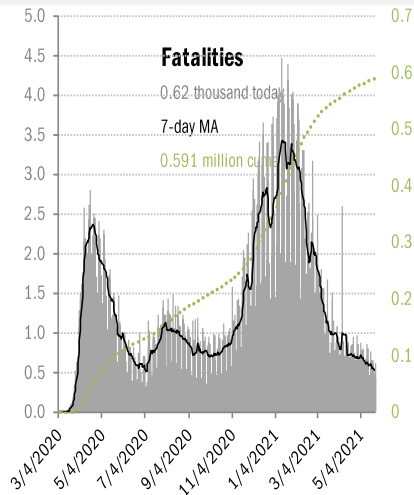
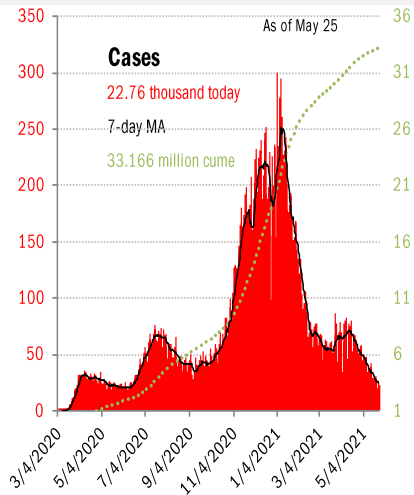


Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations



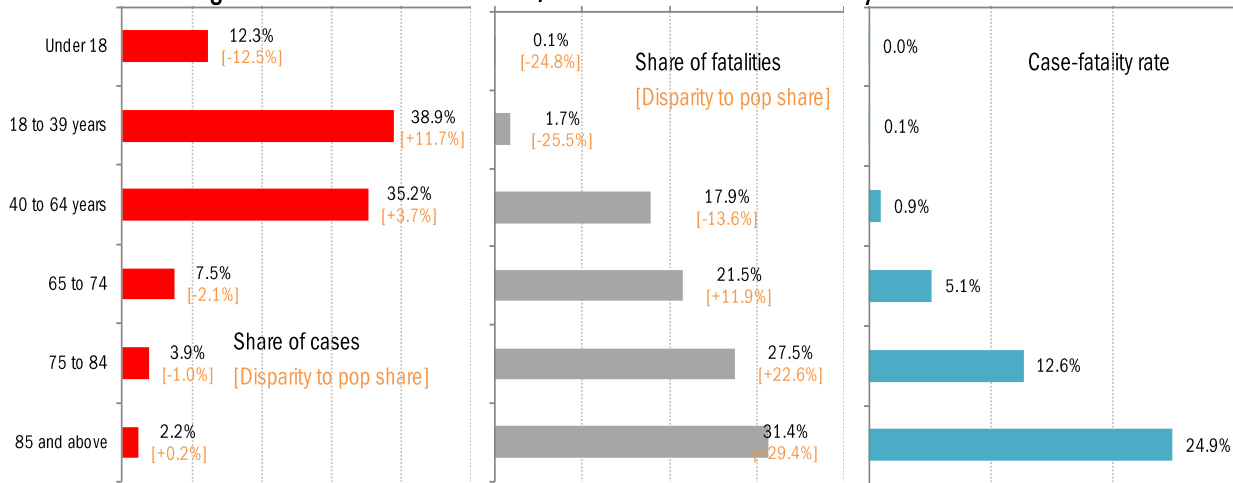
# US deep-dive

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

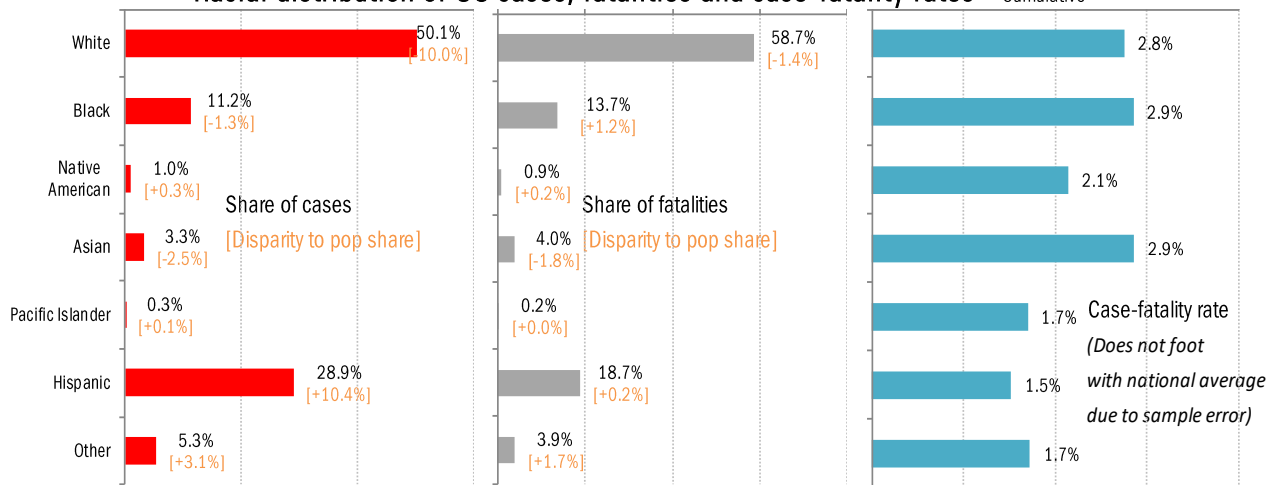


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

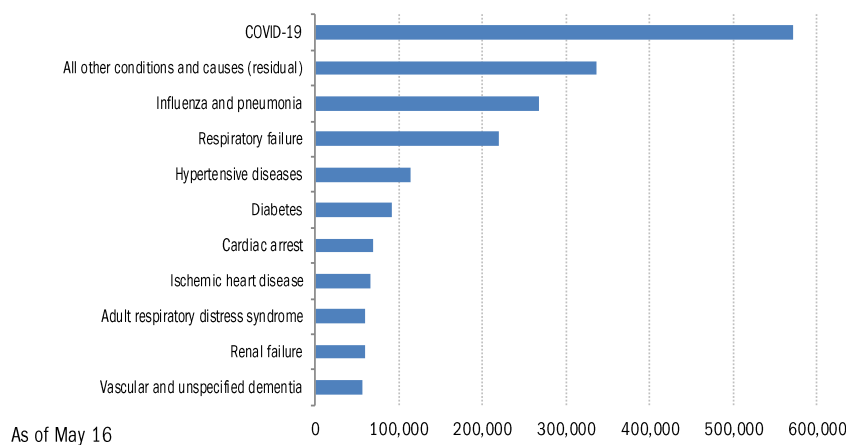


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



For over 5% of these deaths, COVID-19 was the only cause mentioned on the death certificate. For deaths with conditions or causes in addition to COVID-19, on average, there were 4.0 additional conditions or causes per death.

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

## Recommended reading

[If You Thought Working From Home Was Messy, Here Comes Hybrid Work](#)

Chip Cutter  
*Wall Street Journal*  
May 25, 2021

[C.D.C. Will Not Investigate Mild Infections in Vaccinated Americans](#)

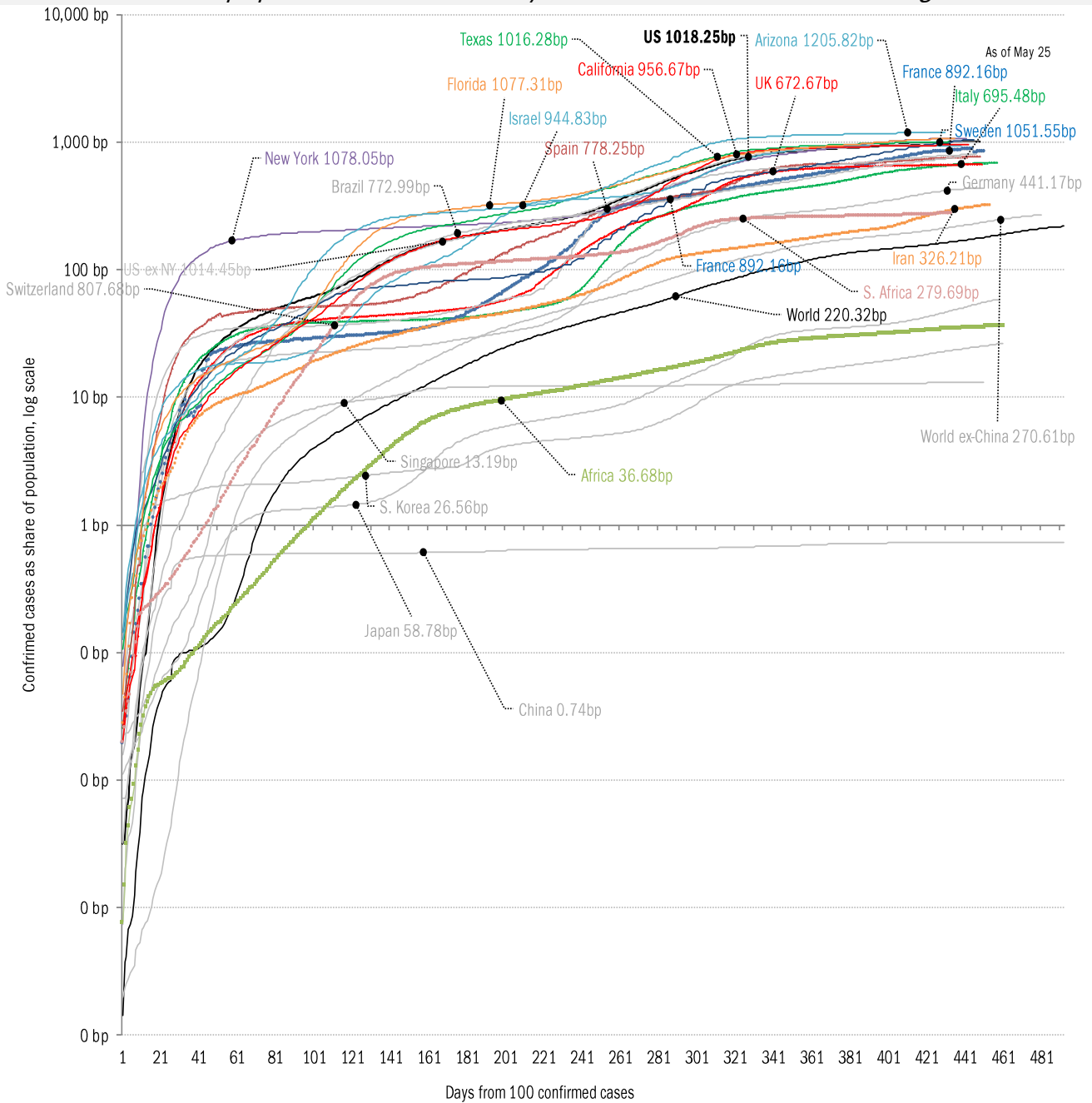
Roni Caryn Rabin  
*New York Times*  
May 25, 2021

## Meme of the day



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

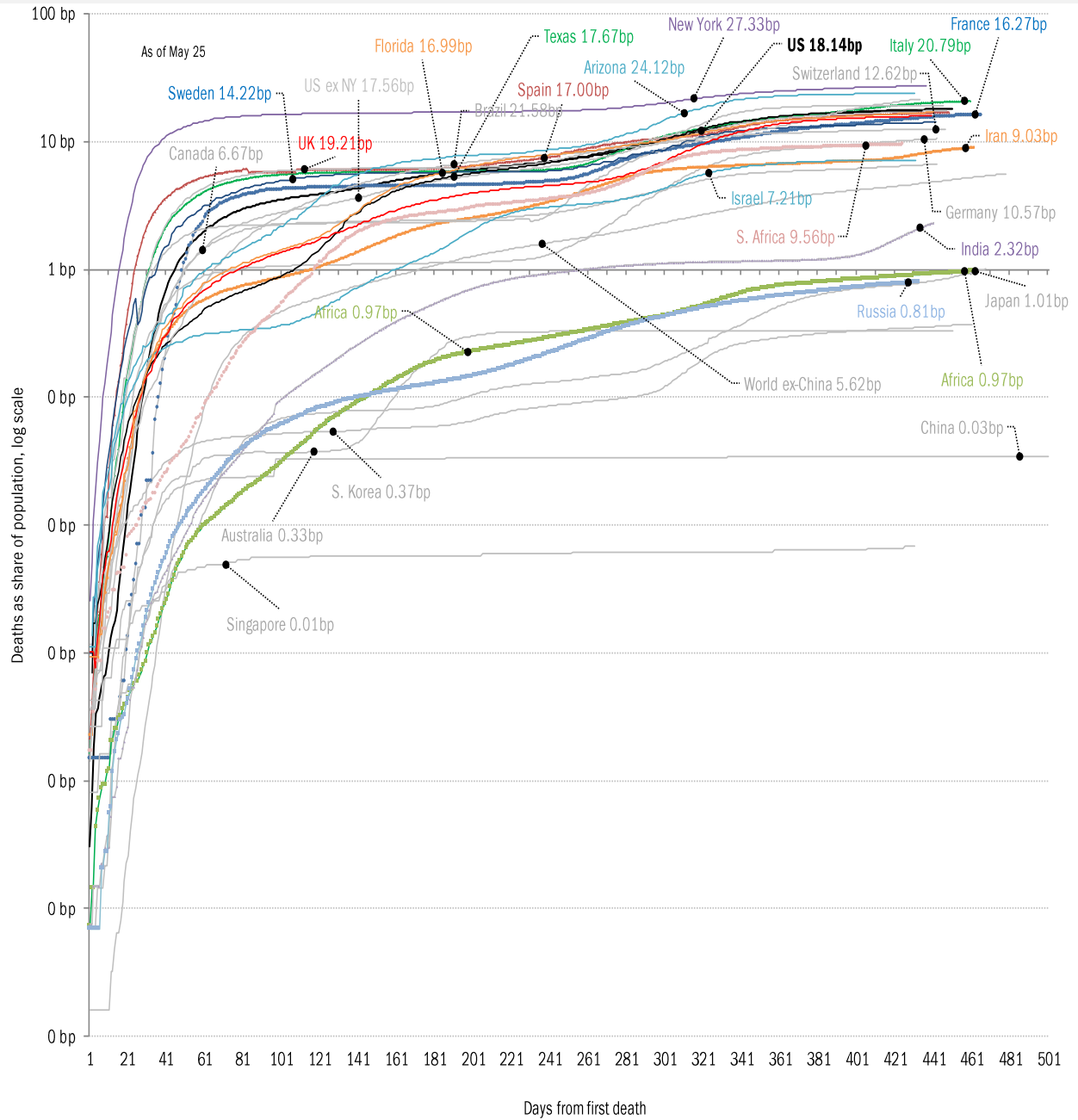
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



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

# The coronavirus mortality accelerometer ... tracking the world's fatality curves

## Share of deceased population from day of first fatality



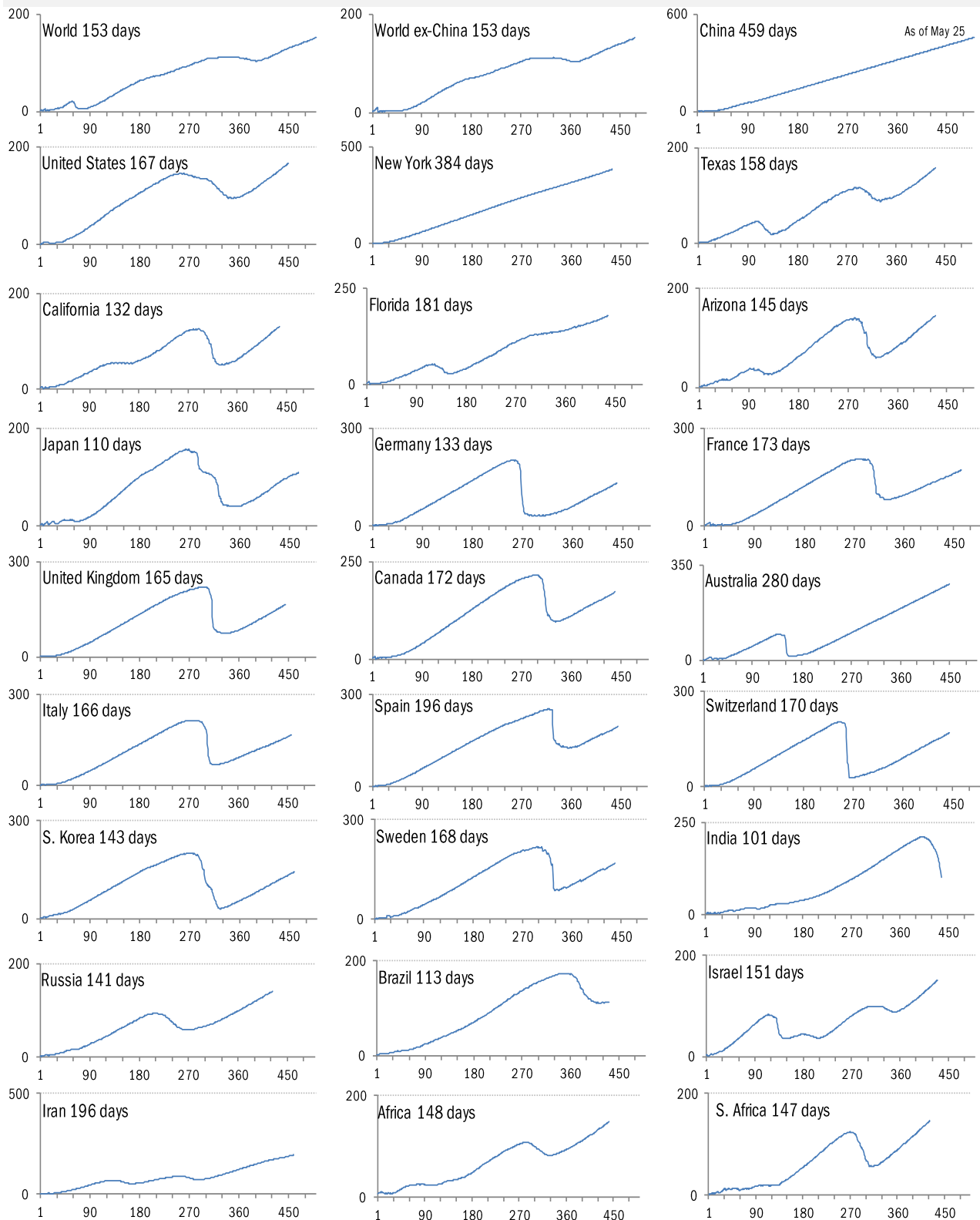
Source: [Johns Hopkins](#), TrendMacro calculations



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

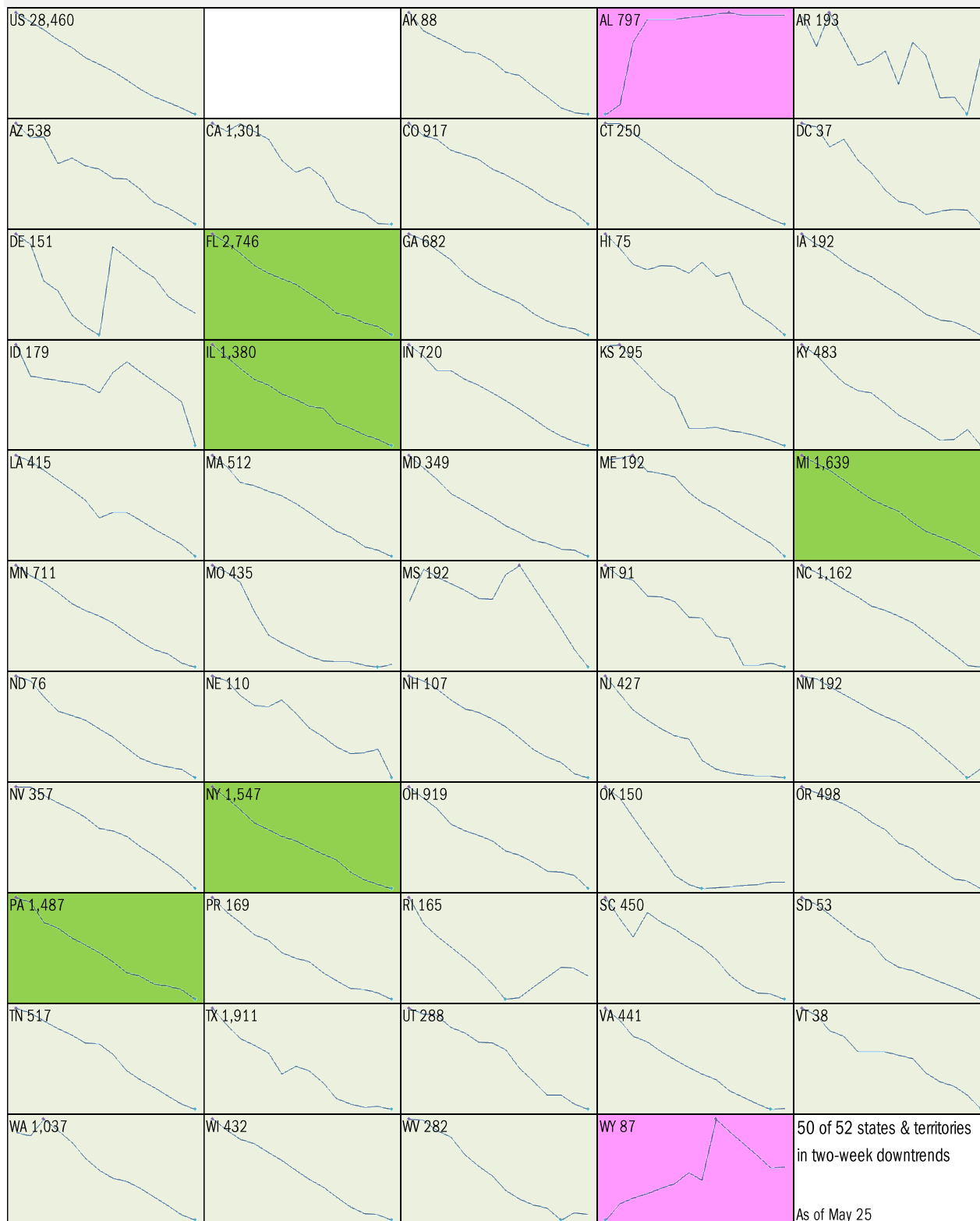
Vertical: days to double deaths Horizontal: days from first death

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread



Source: [Johns Hopkins](#), 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

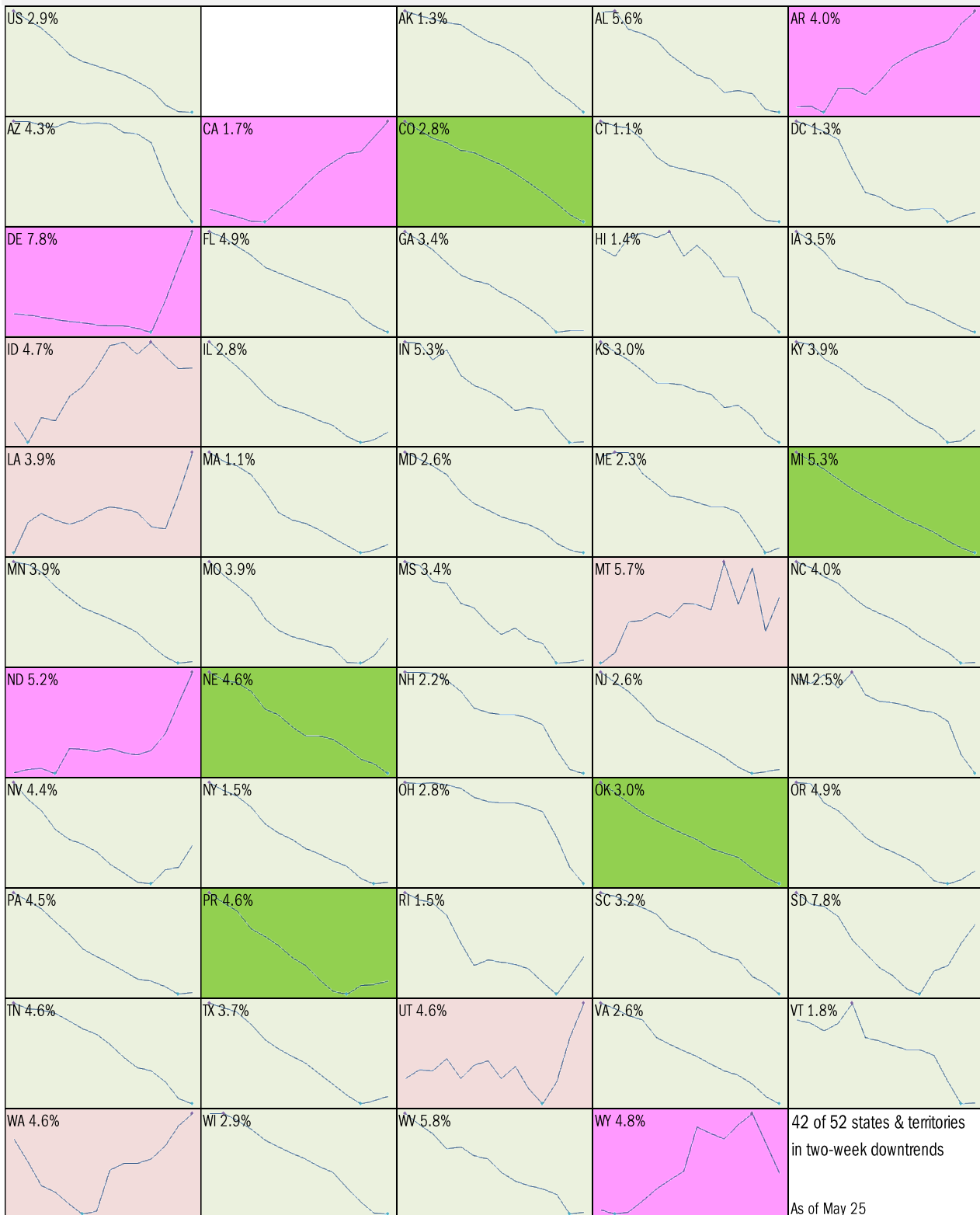


Source: [Johns Hopkins](#), TrendMacro calculations

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

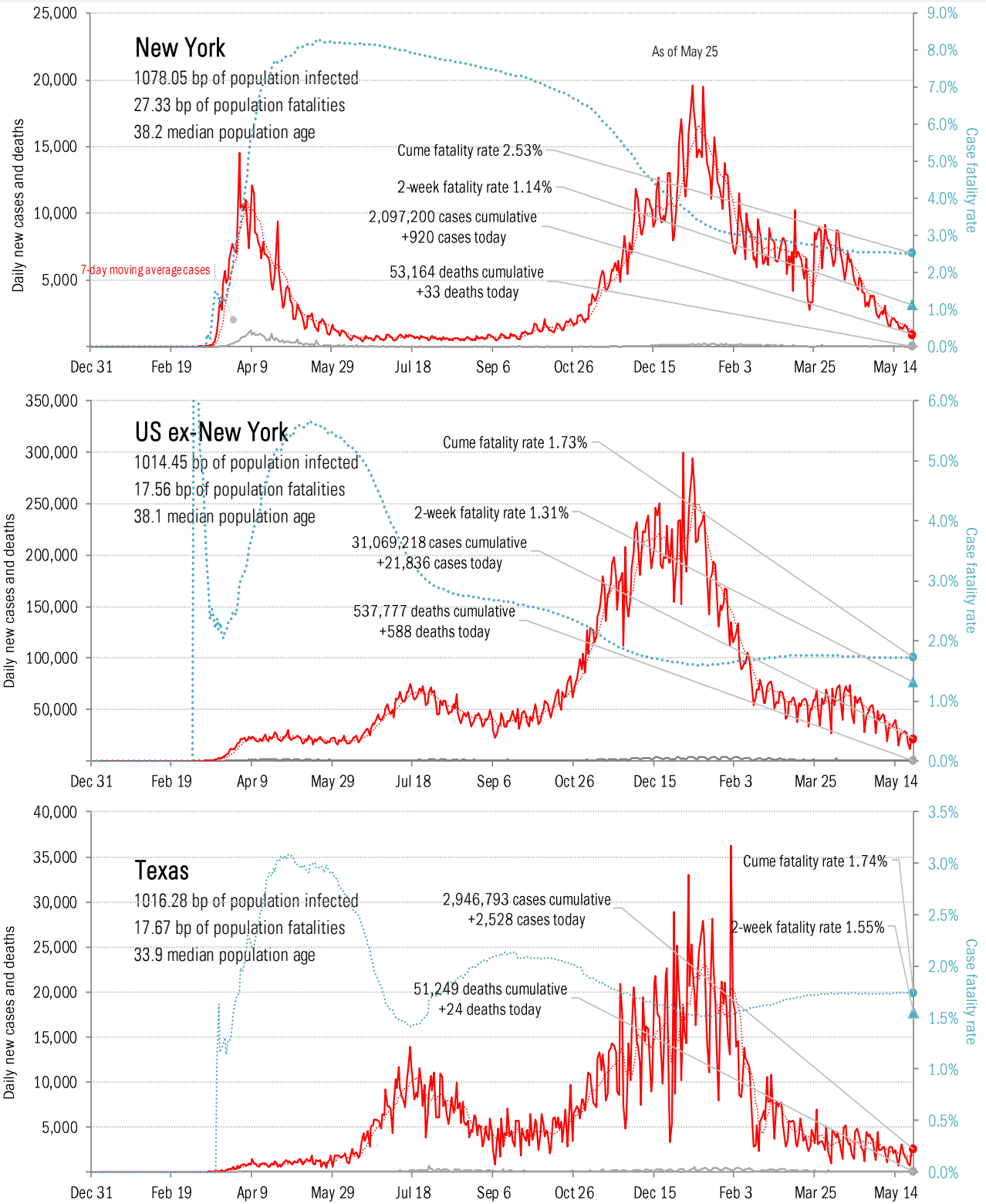
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



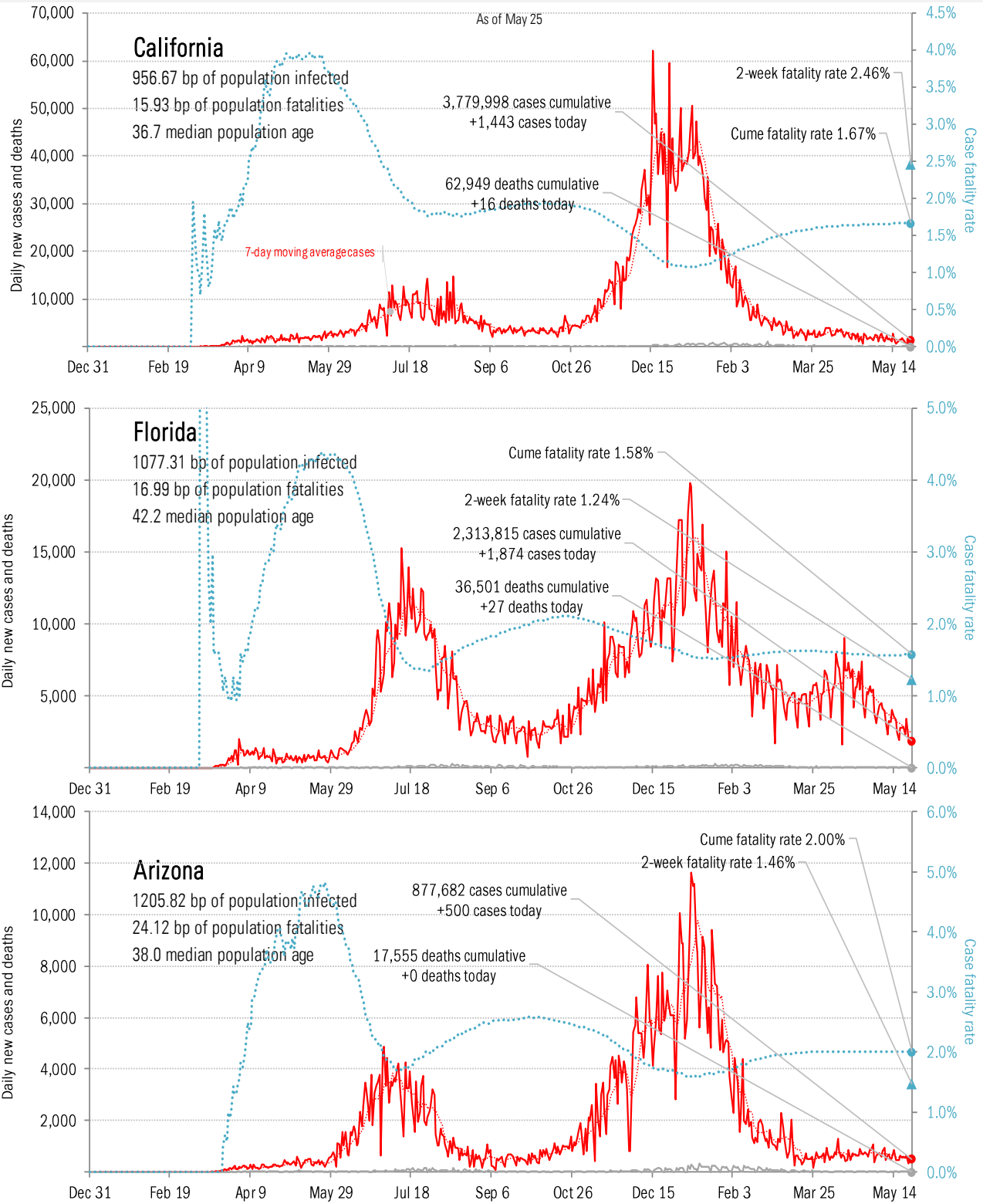
Source: [Covid Act Now](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



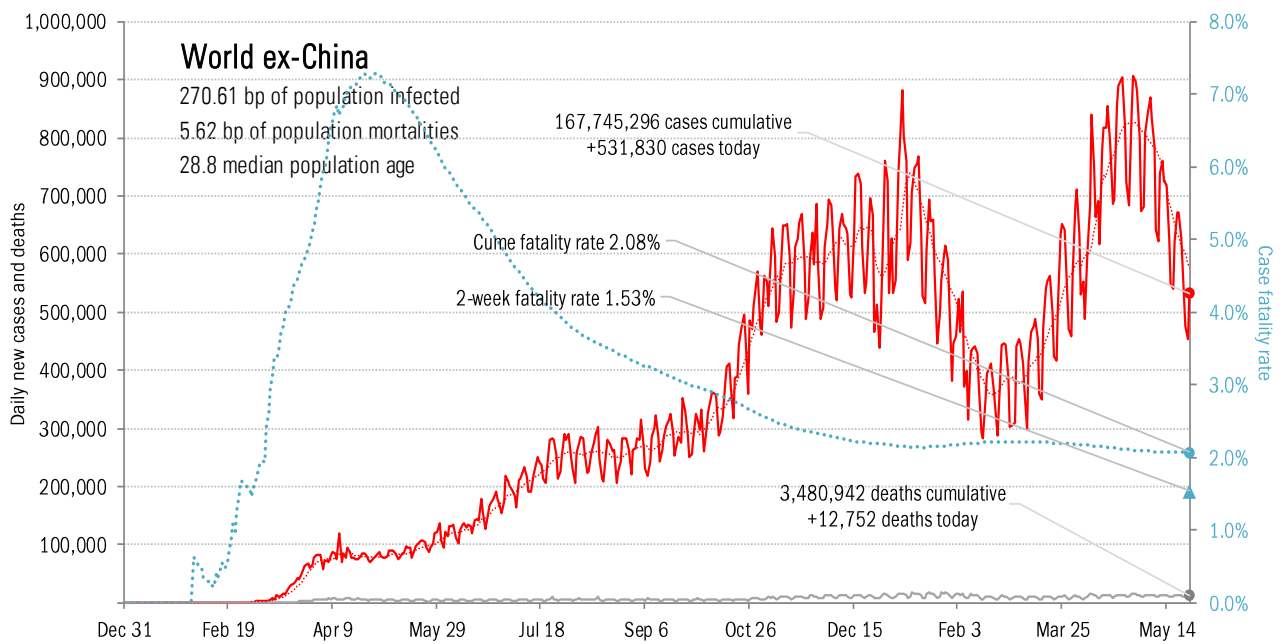
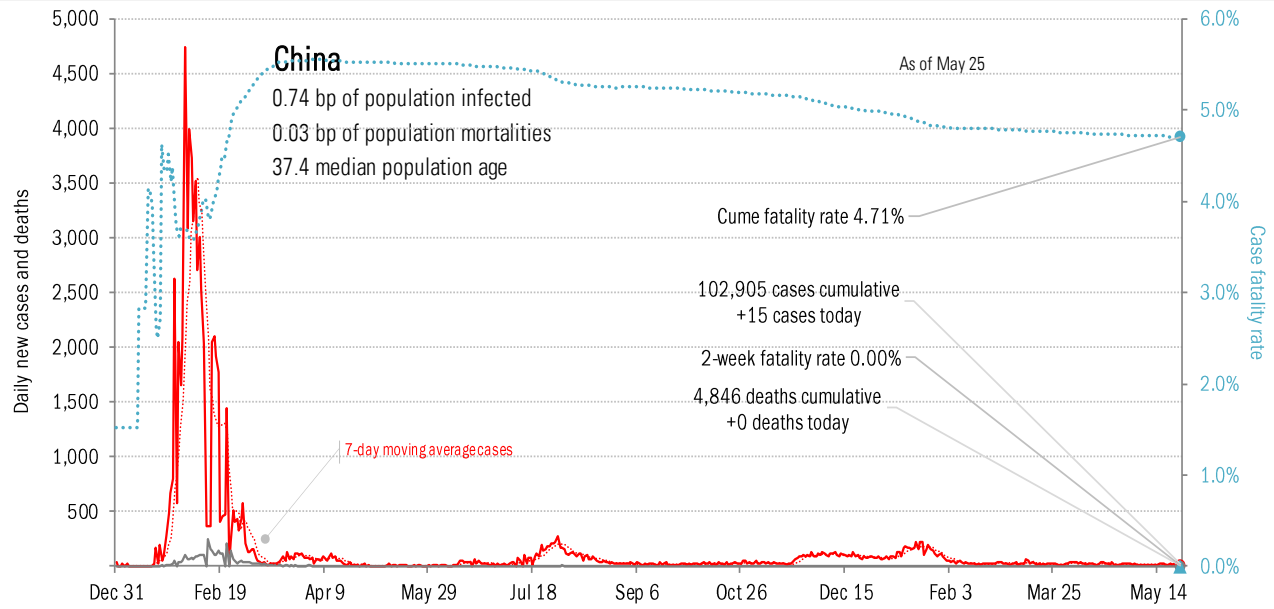
Source: [Johns Hopkins](#), TrendMacro calculations

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



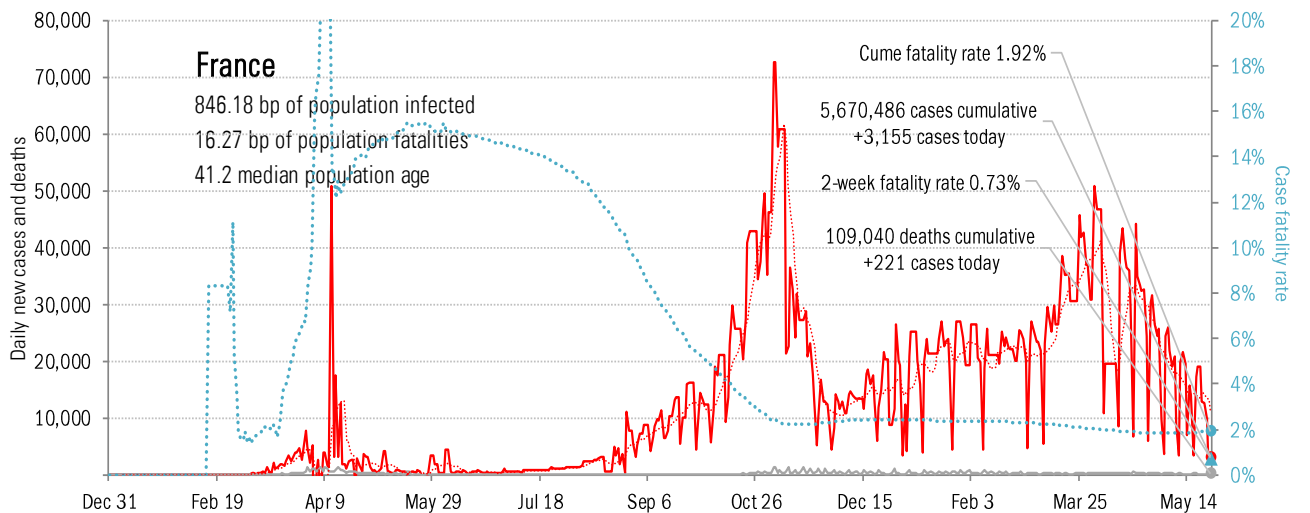
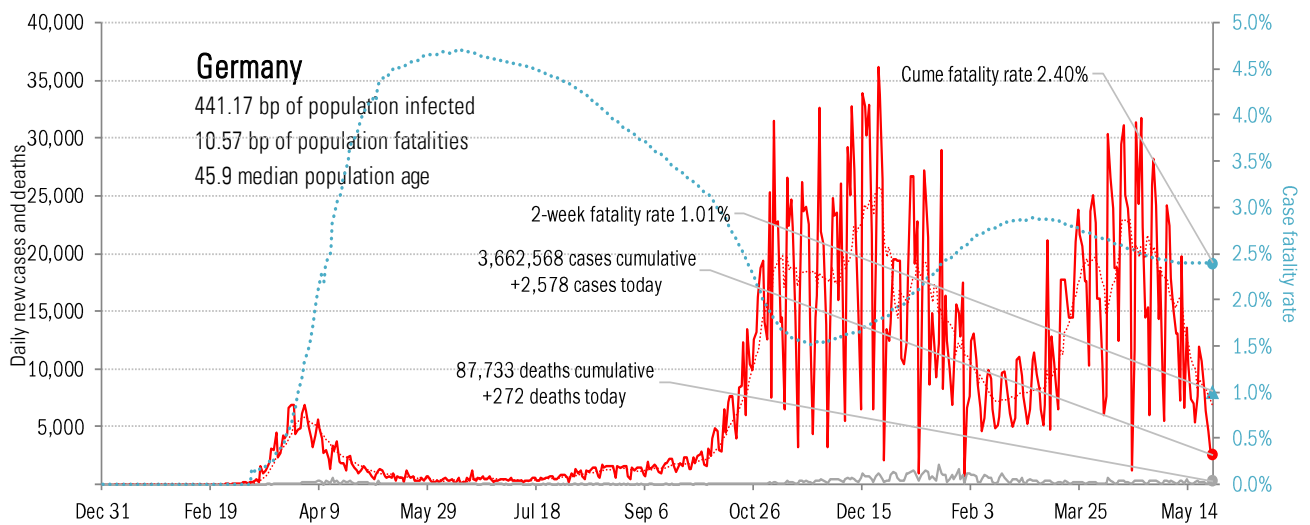
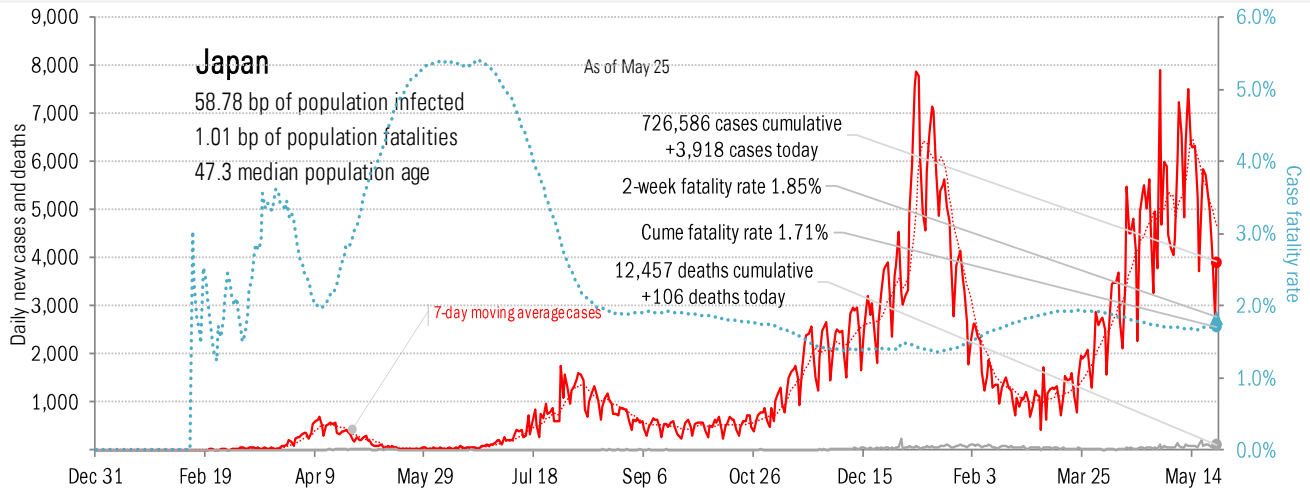
Source: [Johns Hopkins](#), TrendMacro calculations

# Patient zero... and then everyone else



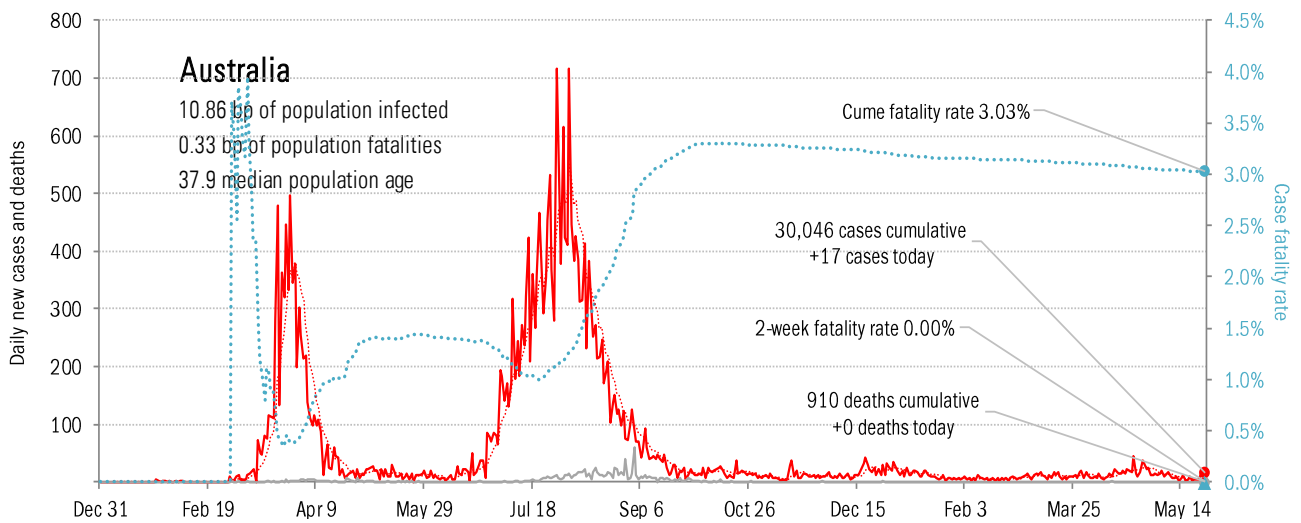
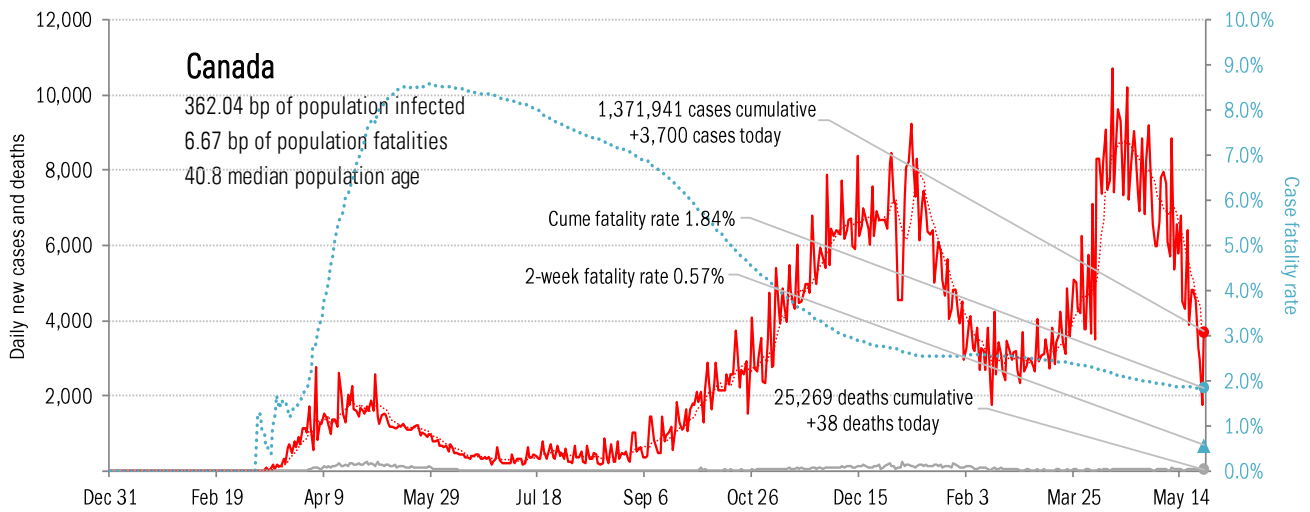
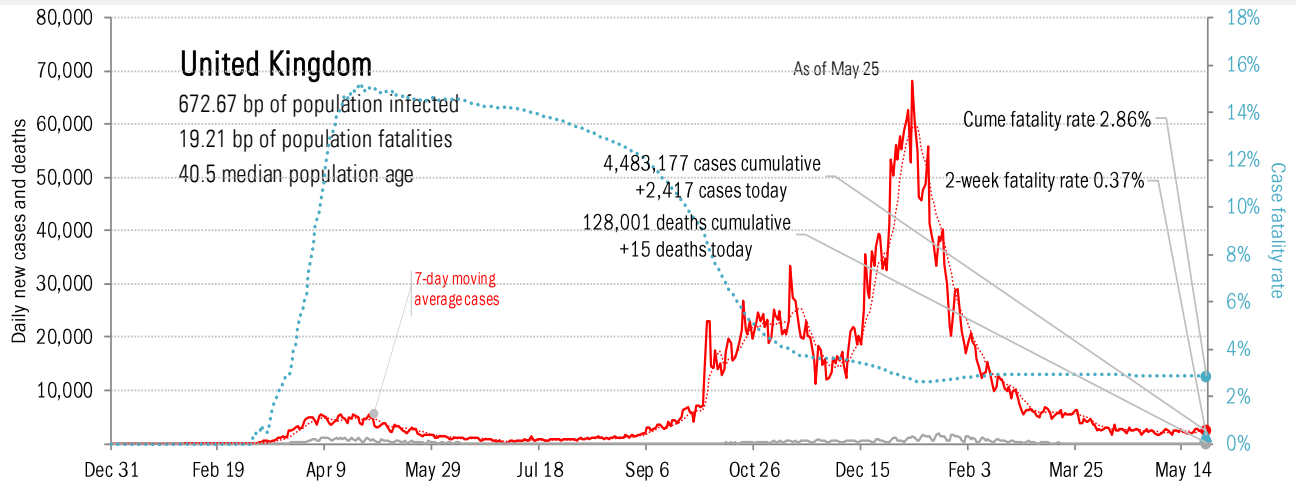
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the largest economies



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

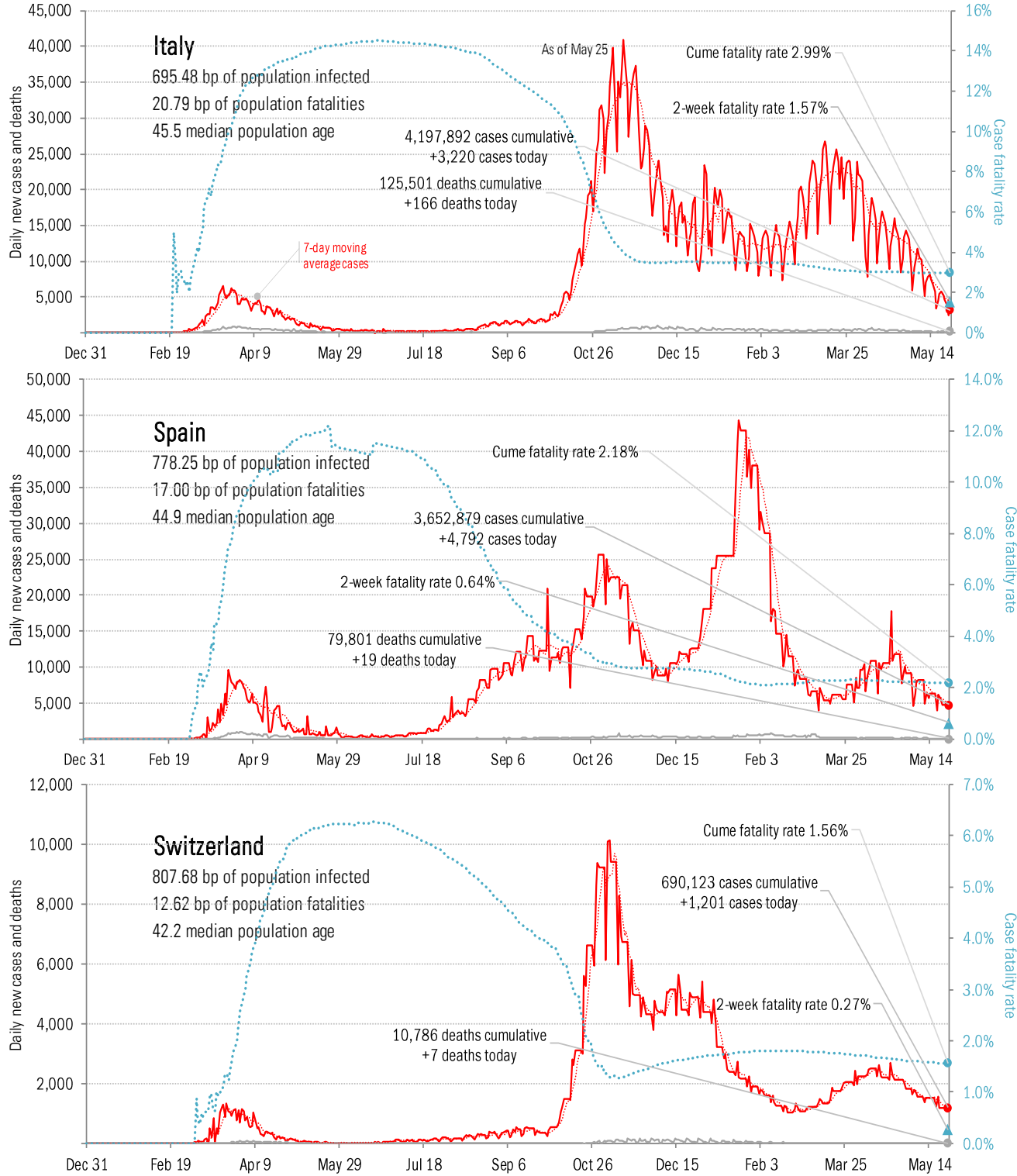
# Impact in The Anglosphere



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

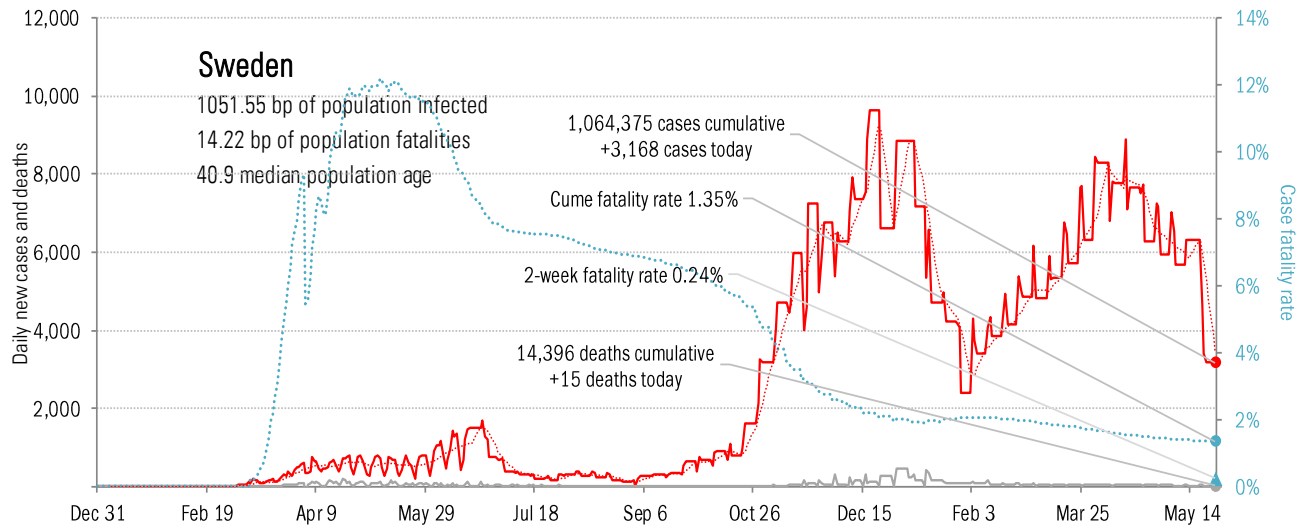
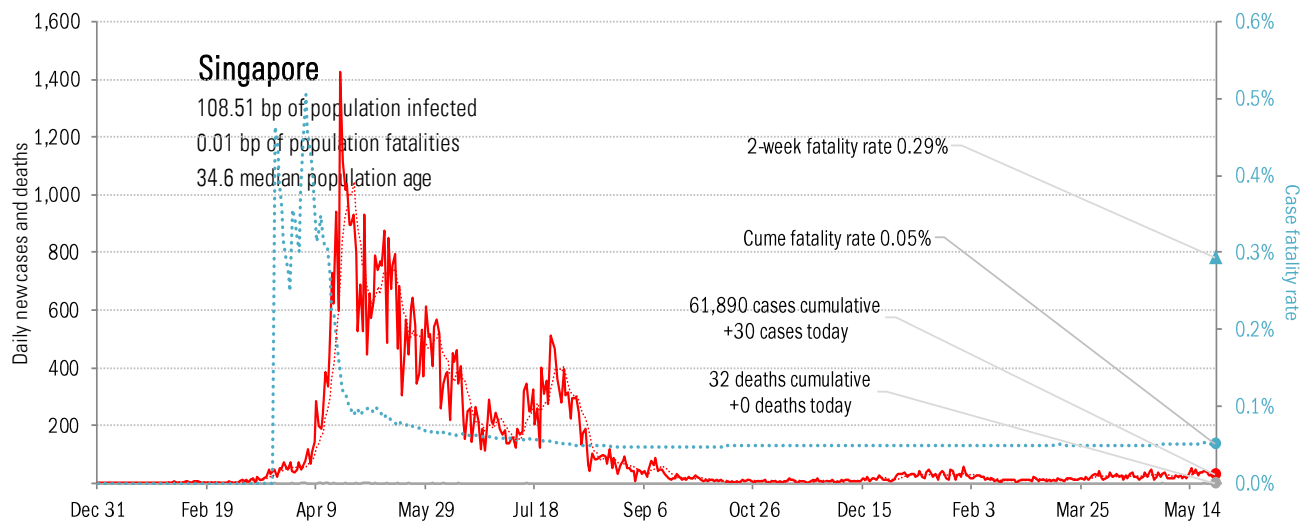
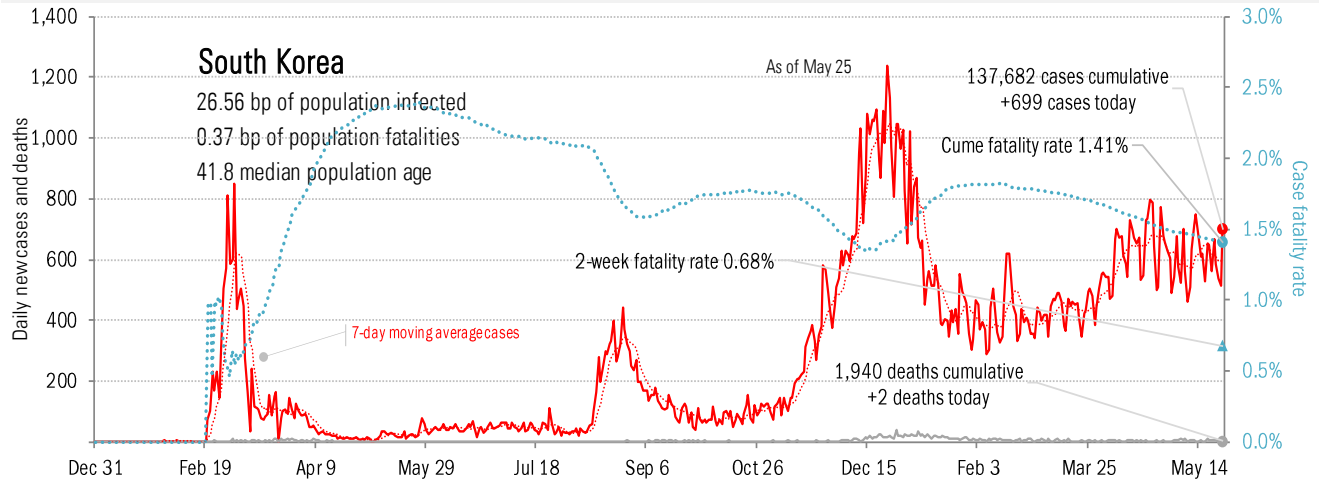


# Impact in continental Europe



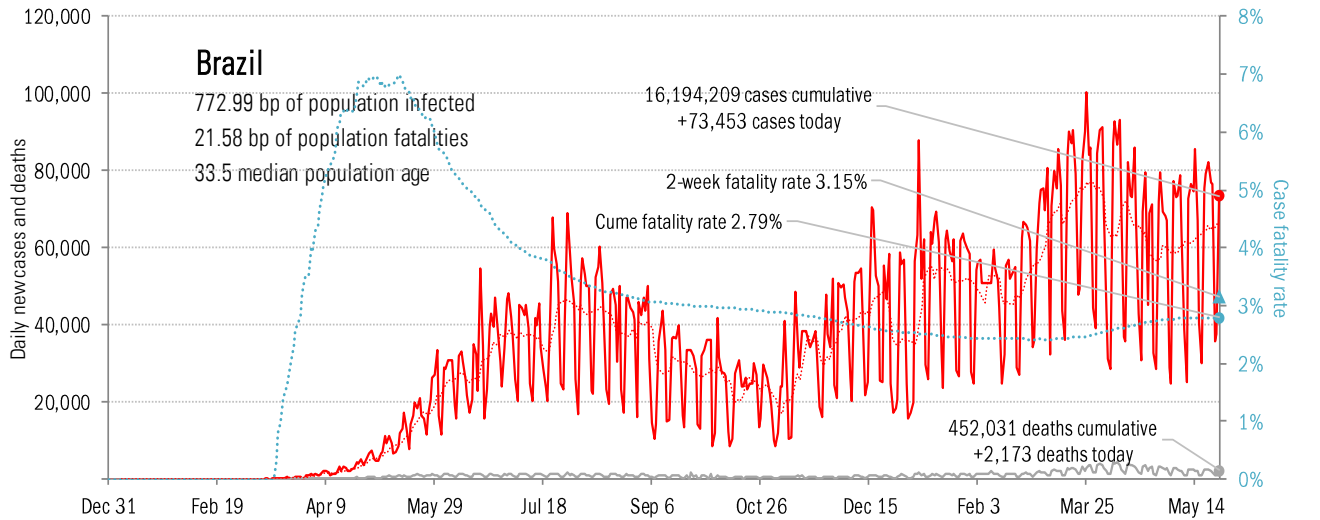
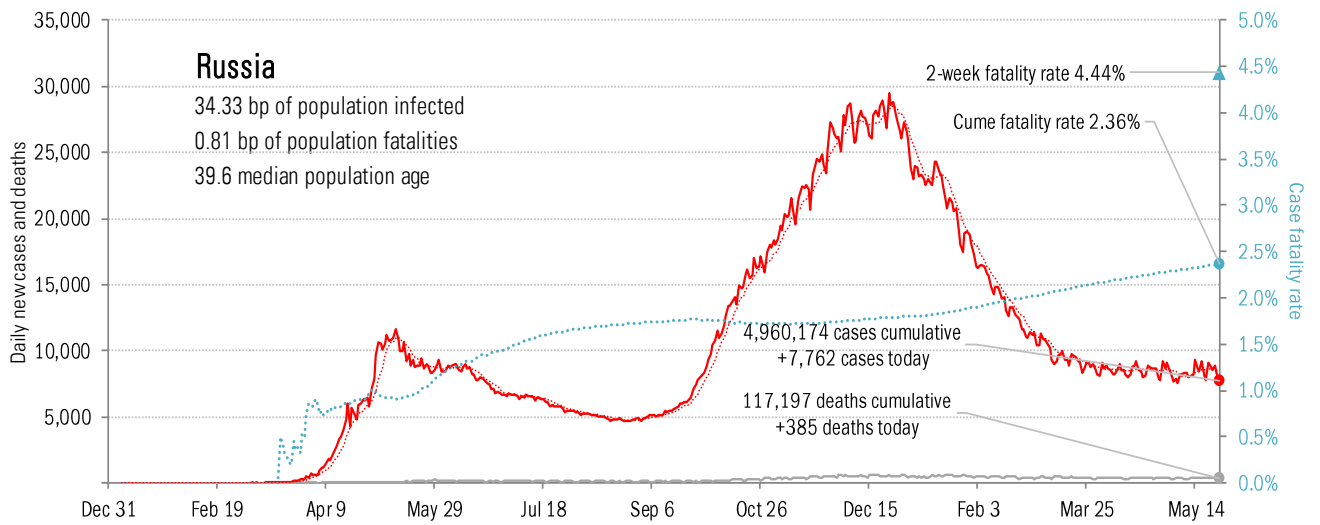
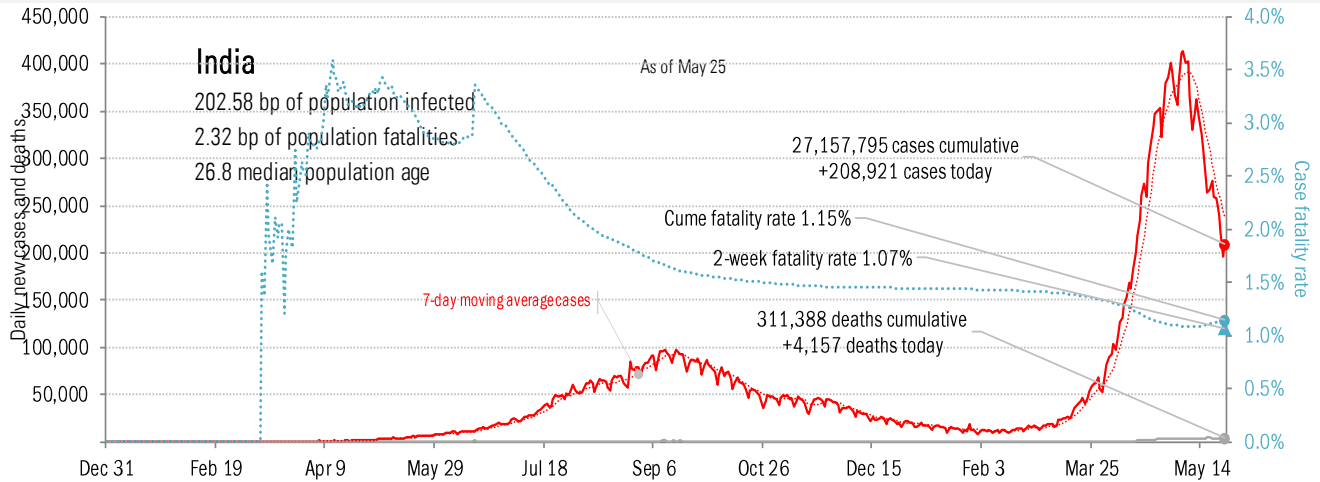
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in other hot-spots



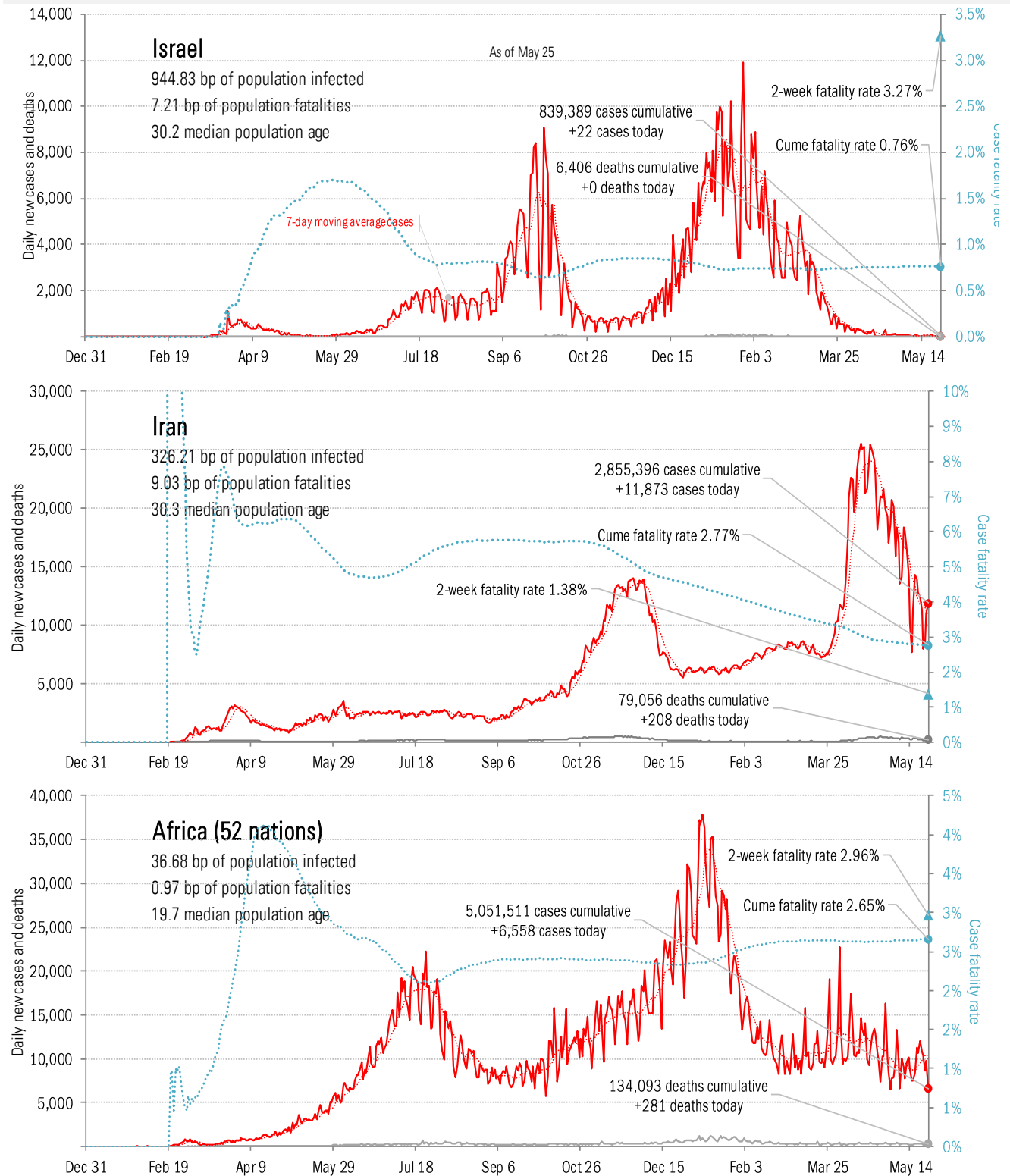
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the BRICs ex-China



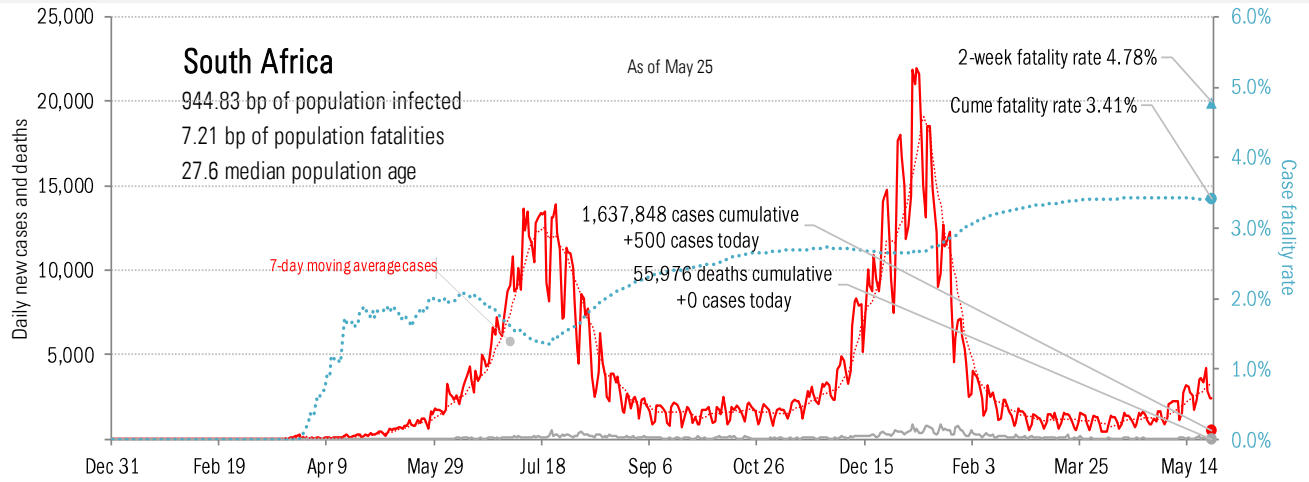
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the Middle East and Africa



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

# Impact in Africa, continued



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