

## Data Insights: Covid-2019 Monitor

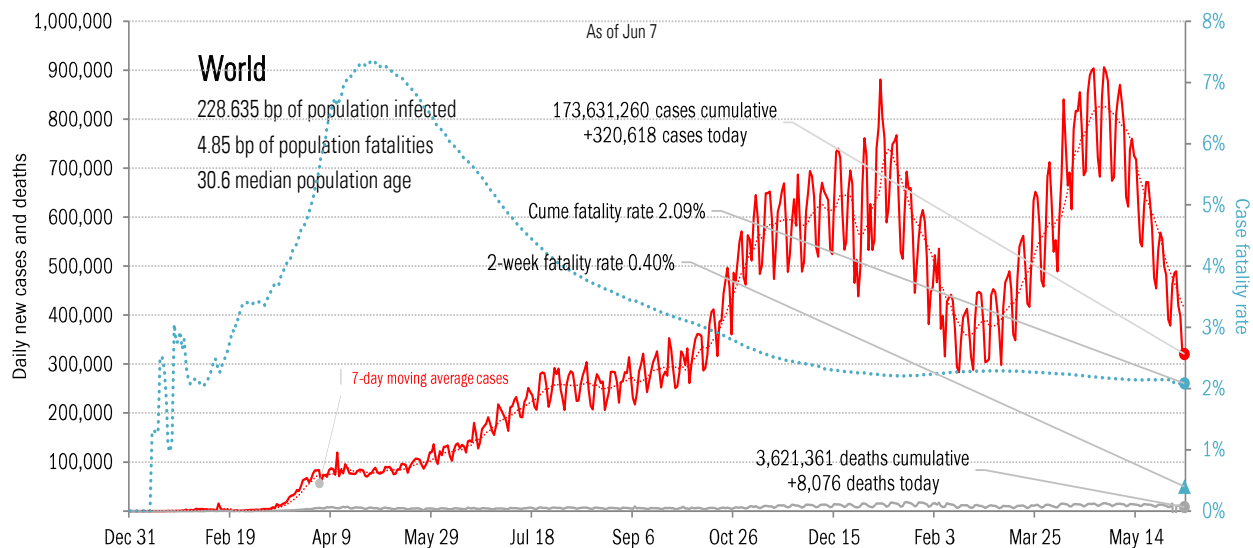
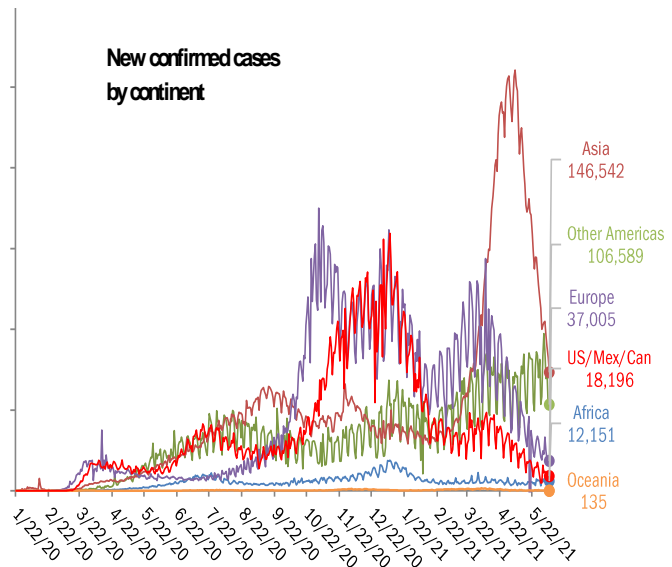
Tuesday, June 8, 2021

### The global scorecard

The worst ten countries

New cases		New Deaths	
India	+86,498	India	+2,123
Brazil	+37,156	Brazil	+1,010
Argentina	+22,195	Argentina	+732
Colombia	+21,949	Colombia	+535
United States	+15,496	Peru	+438
Spain	+9,542	Russia	+326
Russia	+9,297	United States	+324
Indonesia	+6,993	Indonesia	+191
Chile	+6,928	Germany	+141
Philippines	+6,526	Paraguay	+131
<b>+222,580</b>		<b>+5,951</b>	
World	+320,618	World	+8,076
Top ten	69%	Top ten	74%

New confirmed cases by continent



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

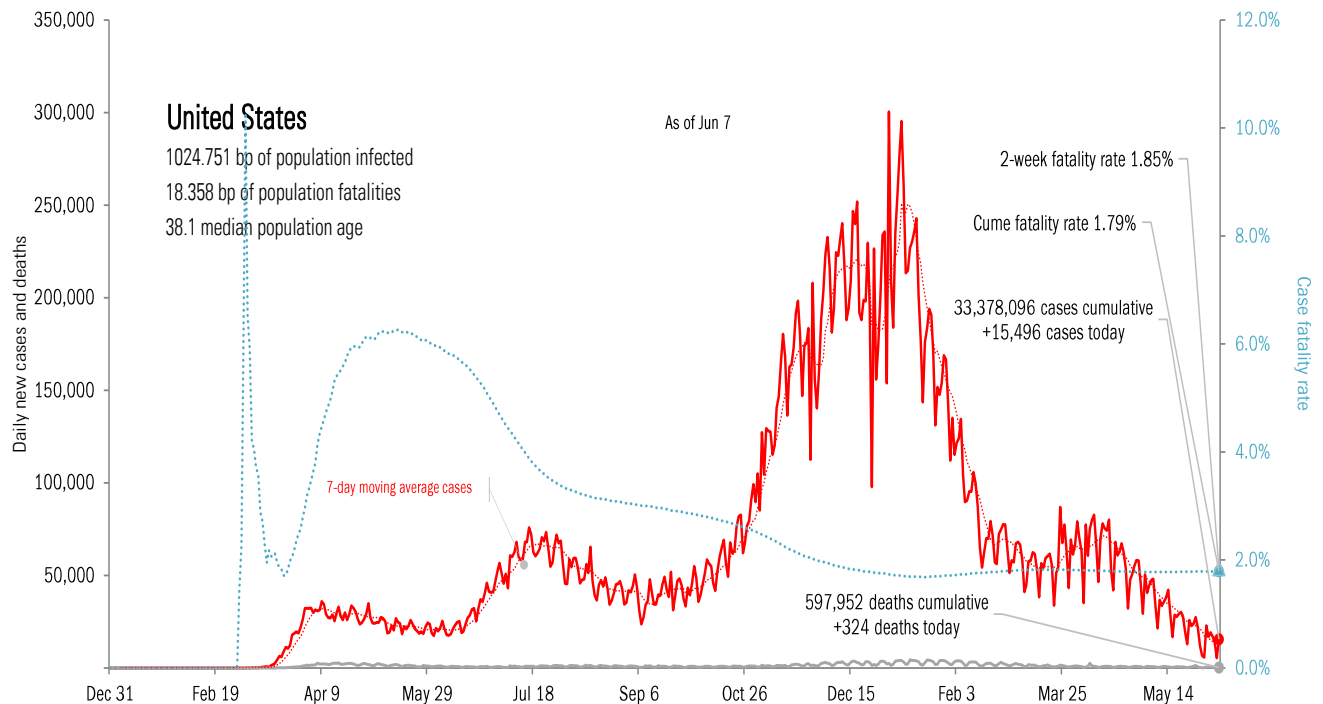
## The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
NC	+1,297		NC	+48		CA	+38		CA	3,796,776		CA	63,580		TX	249,561		R	92%	WA	13%
CA	+1,196		CA	+23		GA	+35		TX	2,964,109		NY	53,472		CA	237,075		MA	83%	CO	13%
TX	+1,175		IL	+20		TX	+21		FL	2,332,867		TX	51,736		FL	181,592		PA	82%	ID	13%
WA	+832		WA	+20		WA	+20		NY	2,106,399		FL	36,973		NY	134,958		MO	82%	MO	13%
LA	+796		AL	+19		MO	+12		IL	1,385,409		PA	27,360		GA	107,230		MI	80%	MI	11%
MO	+751		TX	+17		MS	+12		PA	1,210,691		NJ	26,285		PA	90,485		MD	80%	ME	10%
AL	+739		KS	+16		WI	+7		GA	1,126,397		IL	25,372		CH	86,374		MI	79%	MS	10%
NV	+627		CO	+12		CT	+5		CH	1,104,903		GA	20,986		IL	81,317		WV	78%	OR	10%
IN	+529		KY	+12		ND	+5		NJ	1,018,112		MI	20,600		KY	75,938		CT	78%	WV	10%
NY	+517		MI	+12		NV	+5		NC	1,005,966		CH	19,980		MI	72,198		DC	77%	UT	9%
+8,459			+199			+160			18,051,629			346,344			1,316,728						
All states	+15,496		+324			-146			All states	33,378,096		597,952			2,344,450			All states	70%	67%	
Top ten	55%		61%			-110%			Top ten	54%		58%			56%			Median	72%	7%	

Some states not reporting

## Five most improved US states

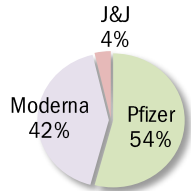
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CR	-135	CA	-93	FL	-70	NH	+62 bp
AZ	-133	NY	-23	CH	-30	RI	+61 bp
IL	-98	IL	-18	AL	-23	VT	+52 bp
SC	-87	H	-3	VA	-22	WA	+48 bp
VA	-65	IA	-3	CO	-17	IL	+45 bp



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

# Rolling out the vaccines in the US and the world

US overall	Total	Today			Immunity	Full	Partial	
Doses distributed	384,054,825	+0.000 million			US	41.8%	51.2%	
Doses administered	312,074,768	+1.511 million			UK	41.1%	59.6%	
Administered	One dose	% Pop	Immune	% pop	New immune today	France	18.7%	41.4%
Total population	175,838,212	53%	143,713,432	43%	+0.791 million	Spain	23.5%	42.3%
Age 12 to 17	6,901,127	27%	3,026,206	12%	+0.273 million	Germany	21.7%	45.7%
Age 18 to 64	119,958,099	59%	97,791,462	48%	+0.453 million	Italy	21.8%	43.9%
Age 65 and over	48,863,891	89%	42,870,822	78%	+0.059 million	Australia	2.2%	17.7%
						Israel	59.4%	63.1%
						Canada	7.9%	62.3%
						Japan	3.6%	10.9%
						Africa	0.7%	2.1%
						India	3.3%	13.4%
						Brazil	10.8%	23.0%



State
Immunities distributed as % population**
At least partial immunity as % population
Full immunity as % population

AK
59.7%
46.8%
40.2%



At today's dosing pace, every American >18 immune in **152 days** by Nov 5, 2021  
 67.3% of population >18 immunized  
 14.0% previously tested positive  
**81.1%** vs 60% adult herd immunity\*

Global data differs from sources, timing

China NA	ME
	71.0%
	64.1%
	55.8%
VT	NH
76.7%	69.1%
71.6%	60.5%
59.0%	51.0%

<b>WA</b> 62.7% 58.0% 48.7%	<b>ID</b> 48.2% 38.1% 33.4%	<b>MT</b> 54.4% 45.8% 39.0%	<b>ND</b> 48.1% 42.6% 37.1%	<b>MN</b> 59.6% 55.2% 47.3%	<b>IL</b> 60.0% 56.1% 41.2%	<b>MI</b> 60.2% 49.4% 43.1%	<b>NY</b> 62.5% 56.9% 48.4%	<b>MA</b> 72.0% 67.8% 56.3%		
<b>OR</b> 68.6% 55.8% 47.1%	<b>NV</b> 51.0% 46.6% 38.0%	<b>WY</b> 46.9% 37.6% 32.3%	<b>SD</b> 56.5% 48.7% 43.0%	<b>IA</b> 56.3% 49.9% 44.8%	<b>IN</b> 51.5% 42.5% 36.4%	<b>OH</b> 54.6% 46.6% 41.2%	<b>PA</b> 63.7% 59.6% 45.1%	<b>NJ</b> 66.3% 61.5% 50.4%	<b>CT</b> 68.2% 64.3% 55.2%	<b>RI</b> 73.1% 62.1% 53.4%
<b>CA</b> 64.0% 58.1% 44.9%	<b>UT</b> 51.9% 45.7% 33.0%	<b>CO</b> 62.5% 55.3% 46.7%	<b>NE</b> 55.2% 48.9% 43.0%	<b>MO</b> 51.2% 42.8% 35.1%	<b>KY</b> 51.9% 47.2% 39.3%	<b>WV</b> 55.0% 41.3% 34.6%	<b>VA</b> 61.9% 56.3% 46.5%	<b>MD</b> 71.2% 58.5% 49.8%	<b>DE</b> 67.5% 55.7% 44.7%	
	<b>AZ</b> 57.2% 47.2% 37.0%	<b>NM</b> 58.3% 58.5% 48.8%	<b>KS</b> 54.7% 47.3% 39.0%	<b>AR</b> 49.2% 40.1% 31.8%	<b>TN</b> 47.8% 39.7% 32.3%	<b>NC</b> 57.7% 43.9% 36.9%	<b>SC</b> 53.0% 41.6% 34.9%	<b>DC</b> 78.1% 57.9% 47.5%		
		<b>OK</b> 52.8% 42.0% 34.2%	<b>LA</b> 45.1% 36.4% 31.9%	<b>MS</b> 46.7% 34.4% 27.5%	<b>AL</b> 50.2% 36.2% 29.4%	<b>GA</b> 54.0% 41.0% 33.4%				
	<b>HI</b> 69.0% 67.6% 48.4%		<b>TX</b> 56.5% 45.2% 36.6%				<b>FL</b> 59.9% 50.2% 40.3%		<b>PR</b> 63.9% 52.6% 39.0%	

As of Jun 7

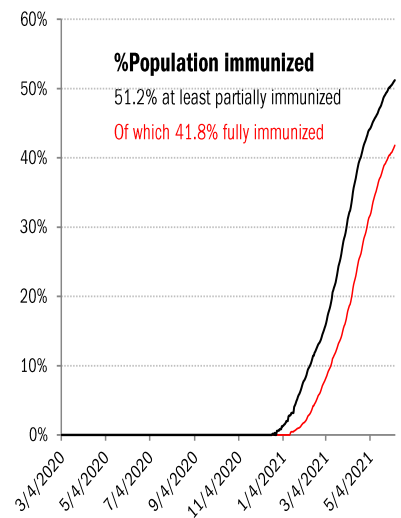
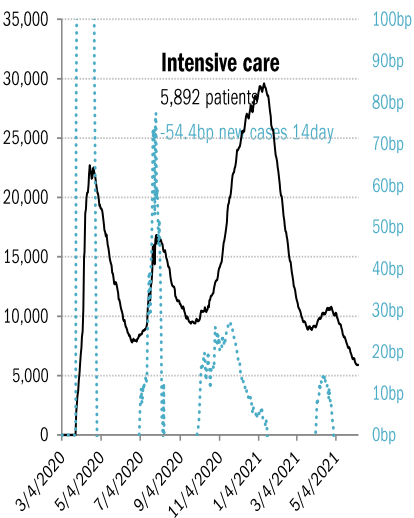
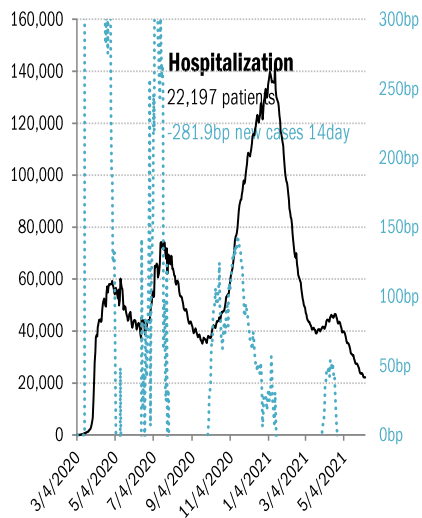
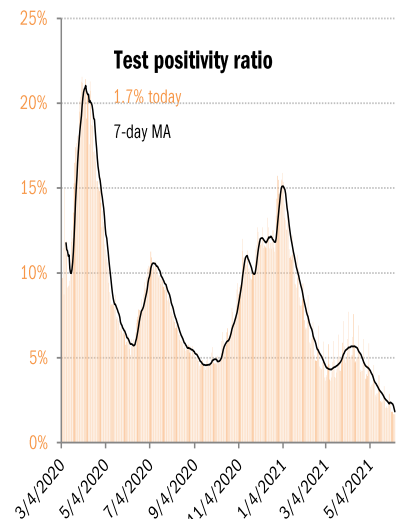
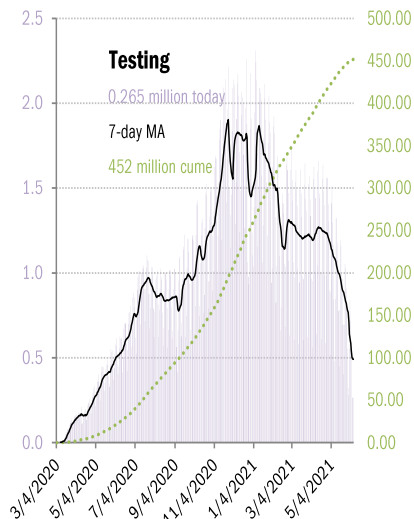
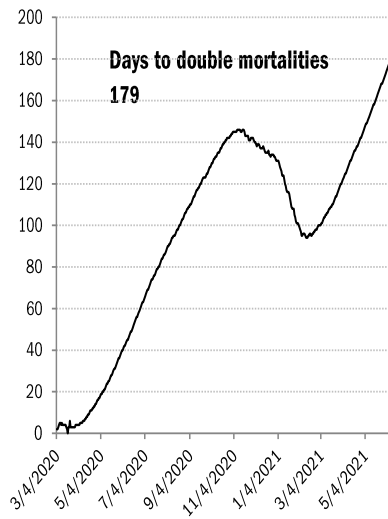
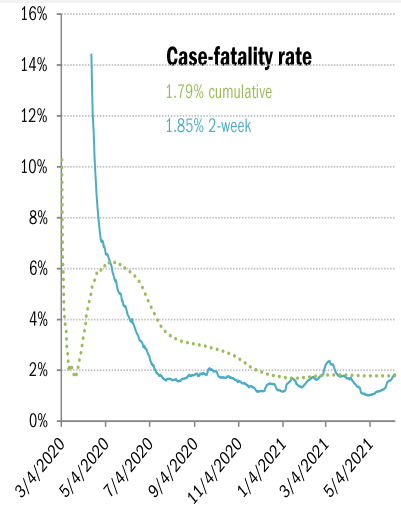
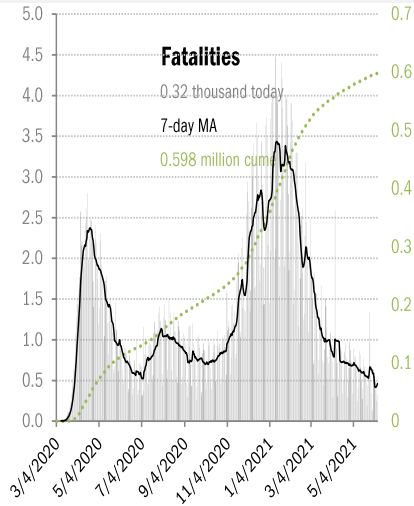
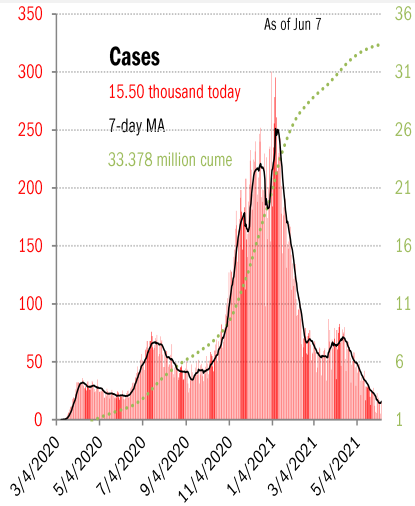
\* Includes persons >18 fully immunized or previously tested positive, no overlap. Disregards untested positives, natural immunities.

\*\* One dose of Pfizer/Moderna counts as half an immunity, one dose of J&J as a full immunity

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

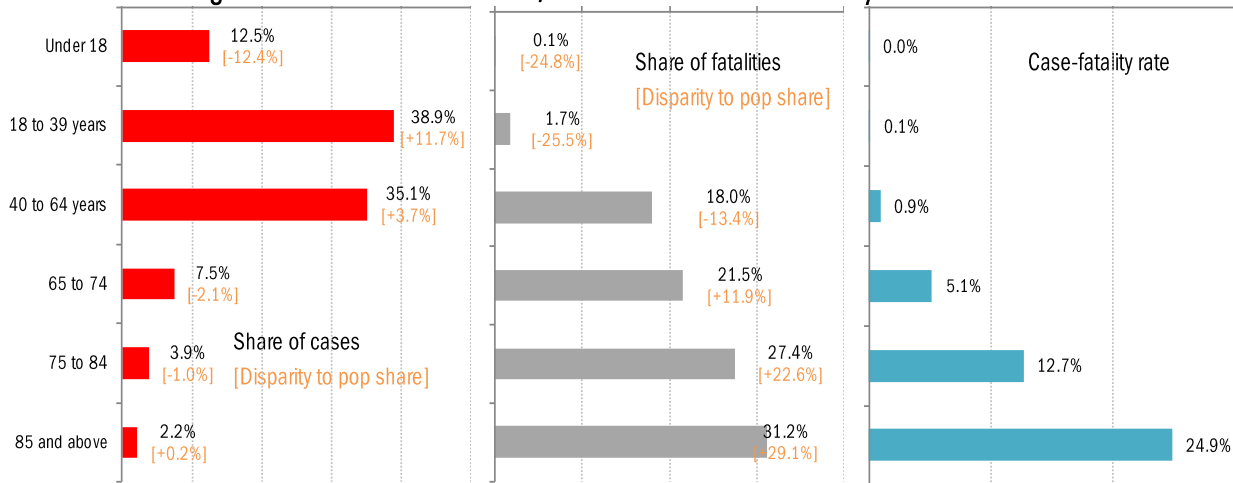
# US deep-dive

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

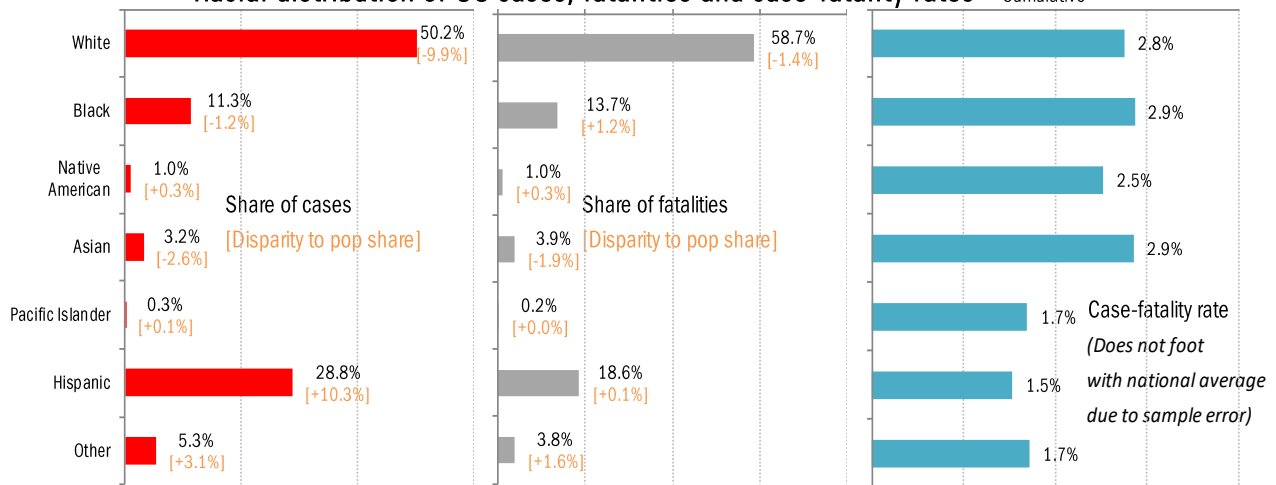


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

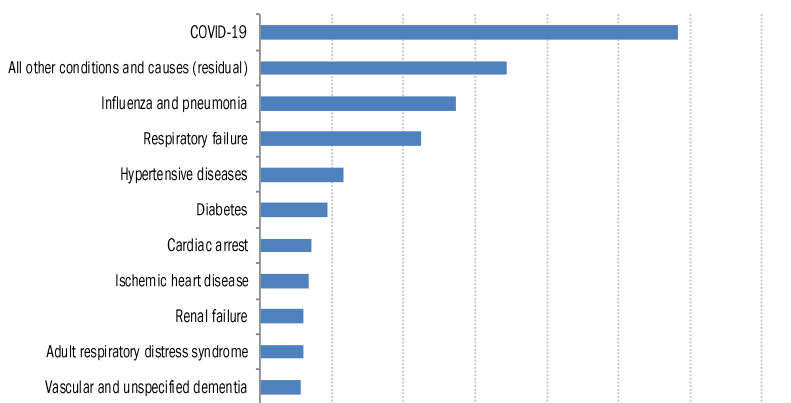


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of May 30

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.

## Recommended reading

### [Americans Getting Out More, but Cautiously](#)

Lydia Saad

*Gallup*

June 7, 2021

### [Scientist Who Warned Fauci COVID Could Be 'Engineered' Deletes Twitter Account](#)

Anders Anglesy

*Newsweek*

June 7, 2021

### [White House Embraces Job Growth but Distances Itself From Expanded Benefits](#)

Jeanna Smialek and Jim Tankersley

*New York Times*

June 4, 2021

### [Original signatory of COVID-19 lab-leak denial letter now says 'thorough investigation' needed](#)

Daniel Payne

*Just the News*

June 4, 2021

### [The Pentagon gave \\$39 MILLION to Dr. Peter Daszak's EcoHealth Alliance - the charity that funded coronavirus research at the Wuhan lab accused of being the source of the outbreak, federal data reveals](#)

Josh Boswell and Martin Gould

*Daily Mail*

June 4, 2021

### [Who is Peter Daszak, the nonprofit exec who sent taxpayer money to Wuhan lab?](#)

Bruce Golding

*New York Post*

June 4, 2021

### [Stanford epidemiologist says Dr. Fauci's 'credibility is entirely shot' and says his flip-flopping over masks 'made no sense'](#)

Keith Griffith

*Daily Mail*

June 6, 2021

### [Wuhan lab was to get \\$1.5M in federal grant money for bat study, emails show](#)

Samuel Chamberlain

*New York Post*

June 4, 2021

### [Anthony Fauci Warns America to Not Accuse China for Global Pandemic amid 595,000 Deaths and \\$13 Trillion Cost](#)

Wendell Husebo

*Breitbart*

June 4, 2021

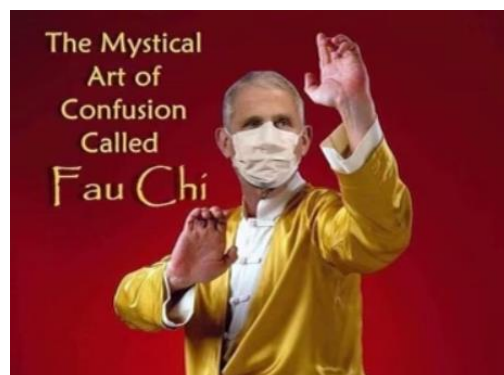
### [Alameda County's new COVID death toll is 25% lower than thought](#)

Brian Krans

*Oaklandside*

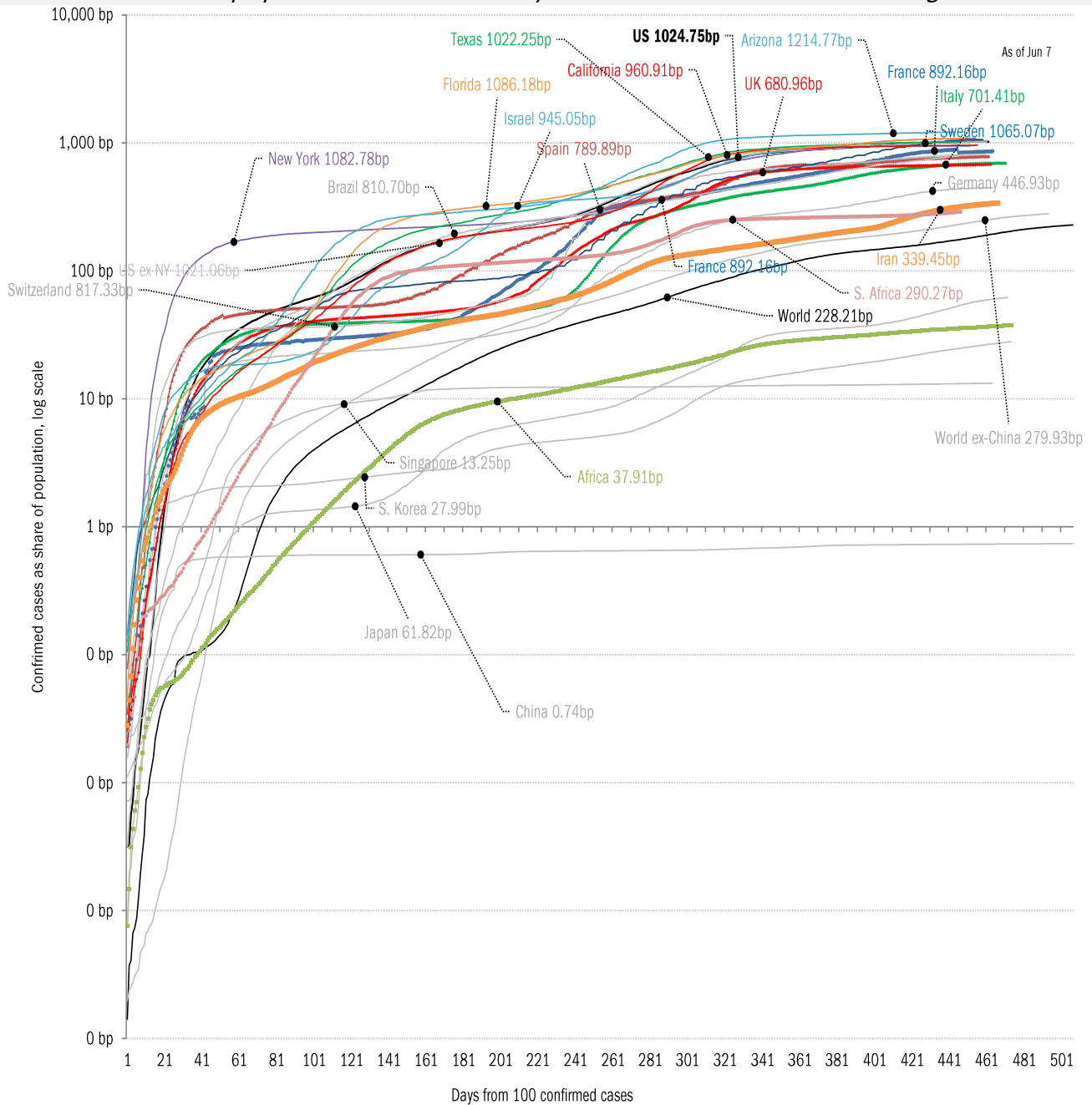
June 4, 2021

## Meme of the day



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

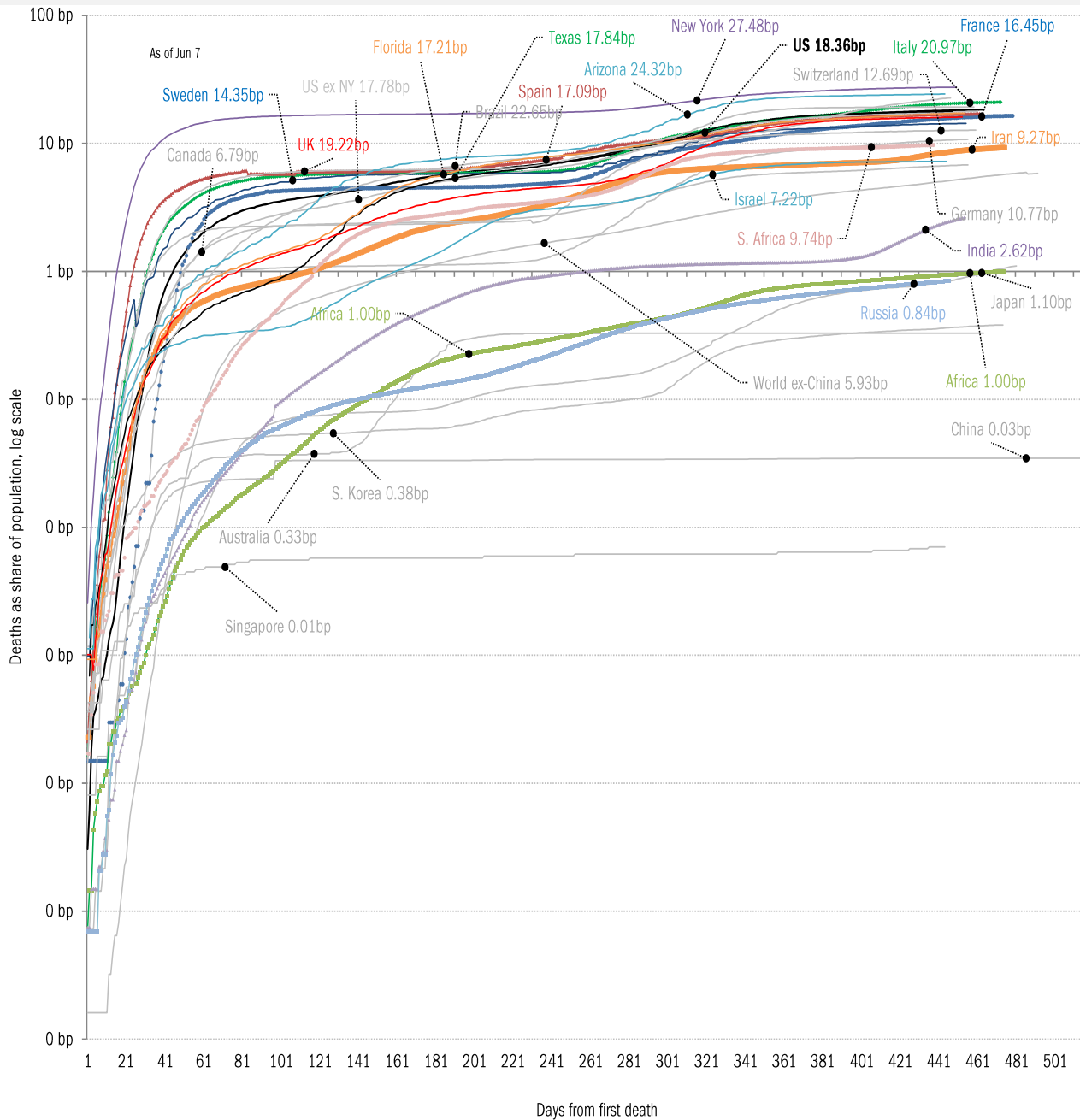
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



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

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

## Share of deceased population from day of first fatality



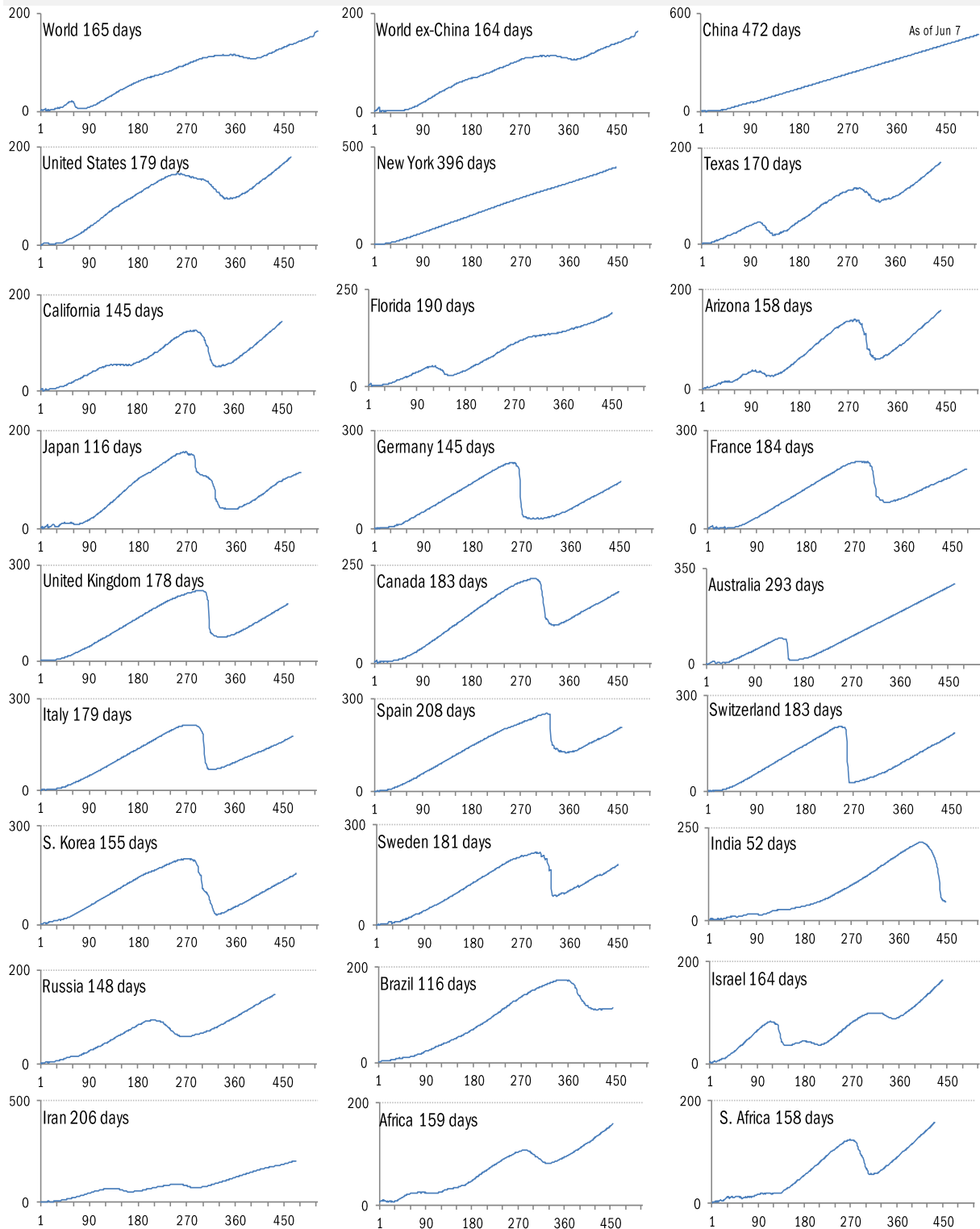
Source: [Johns Hopkins](#), TrendMacro calculations



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

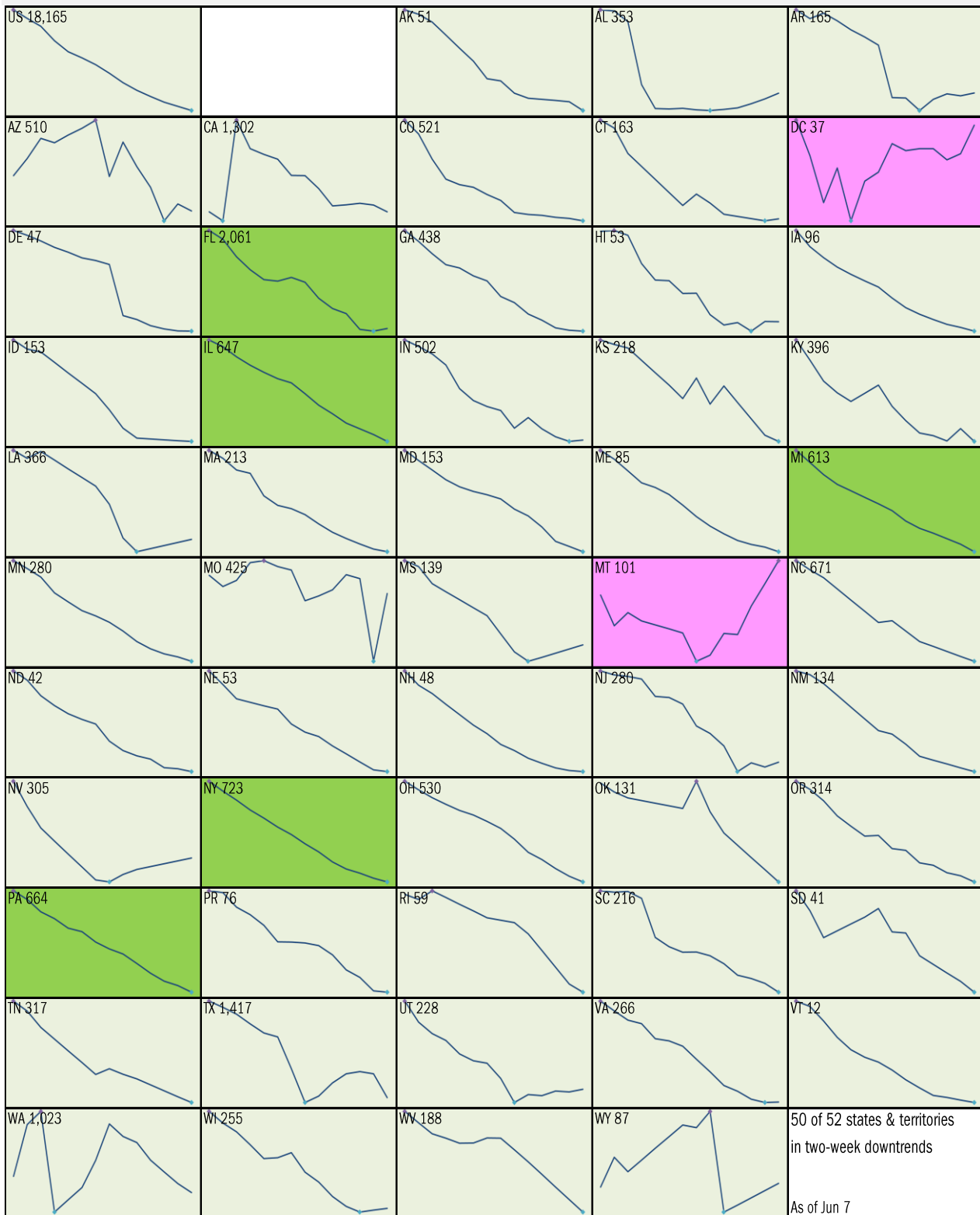
Vertical: days to double deaths Horizontal: days from first death

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

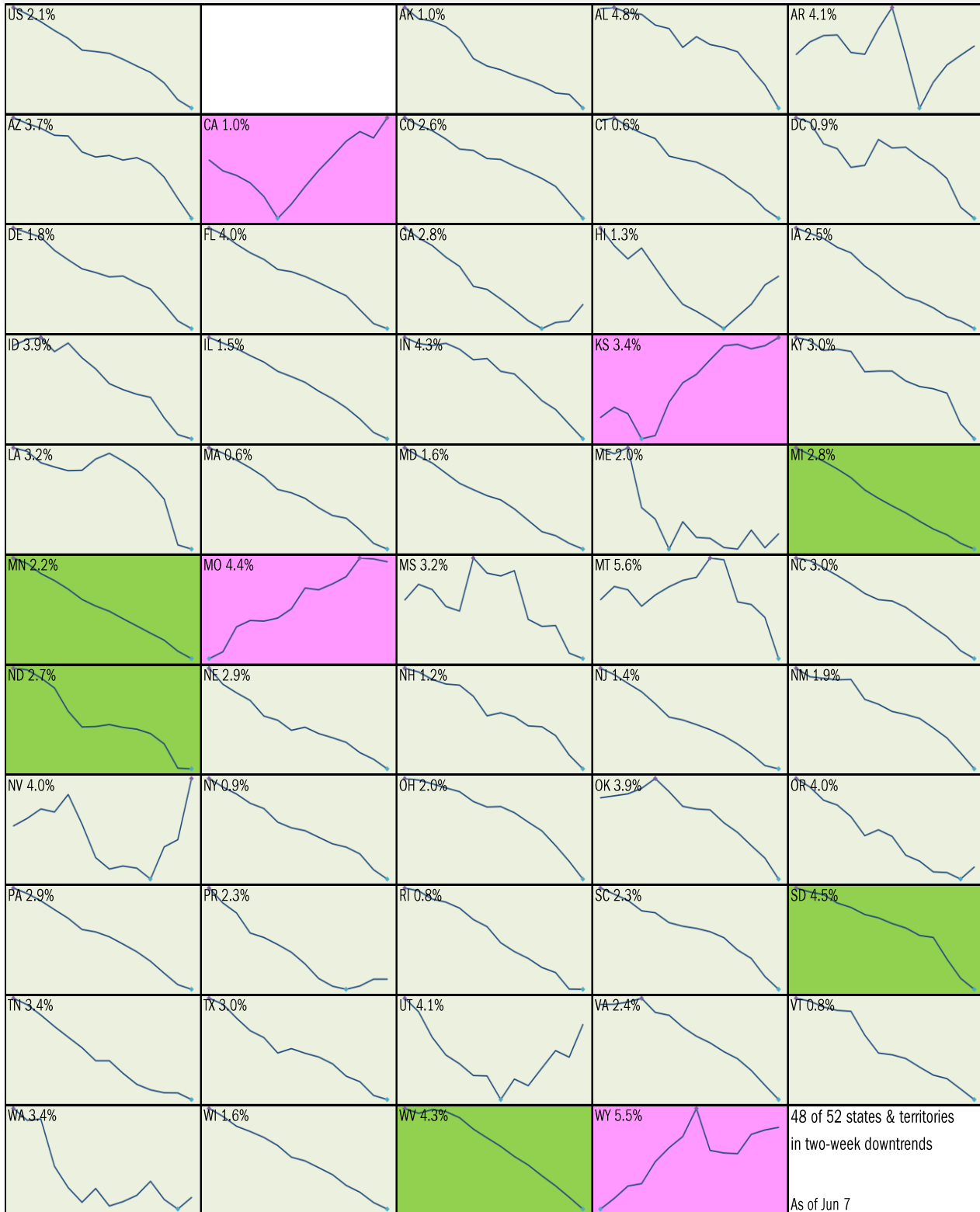


Source: [Johns Hopkins](#), TrendMacro calculations

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

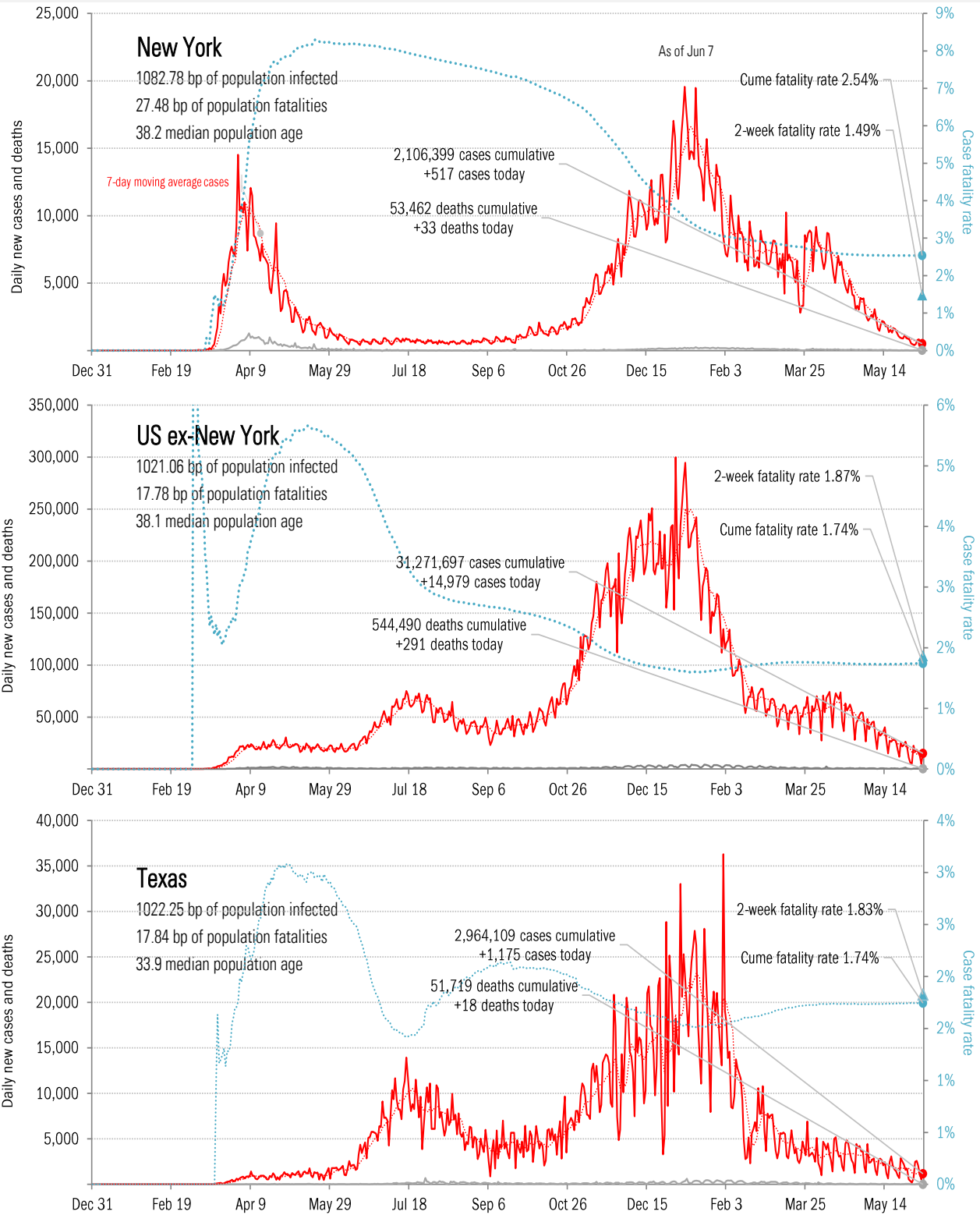
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



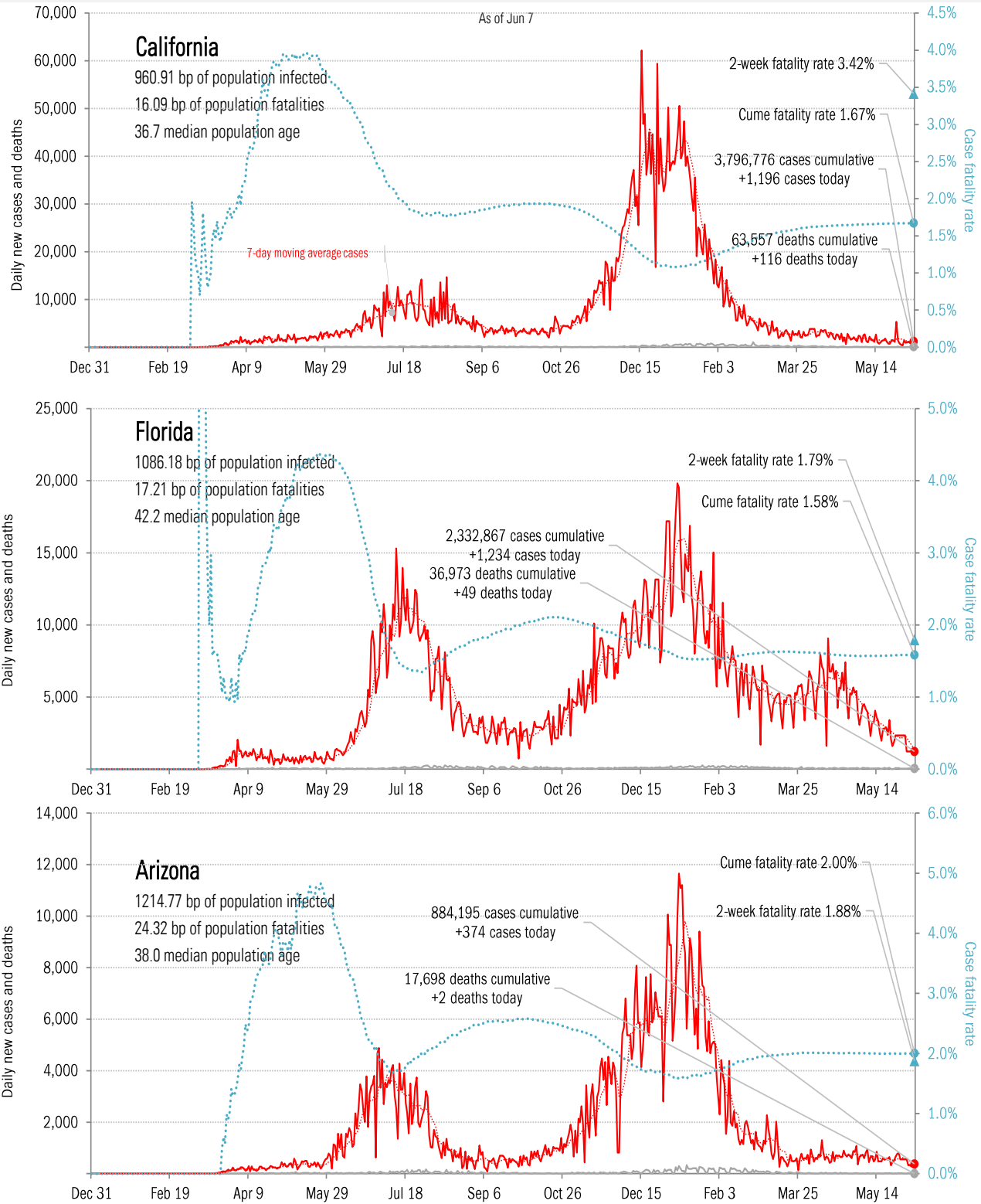
Source: [Covid Act Now](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



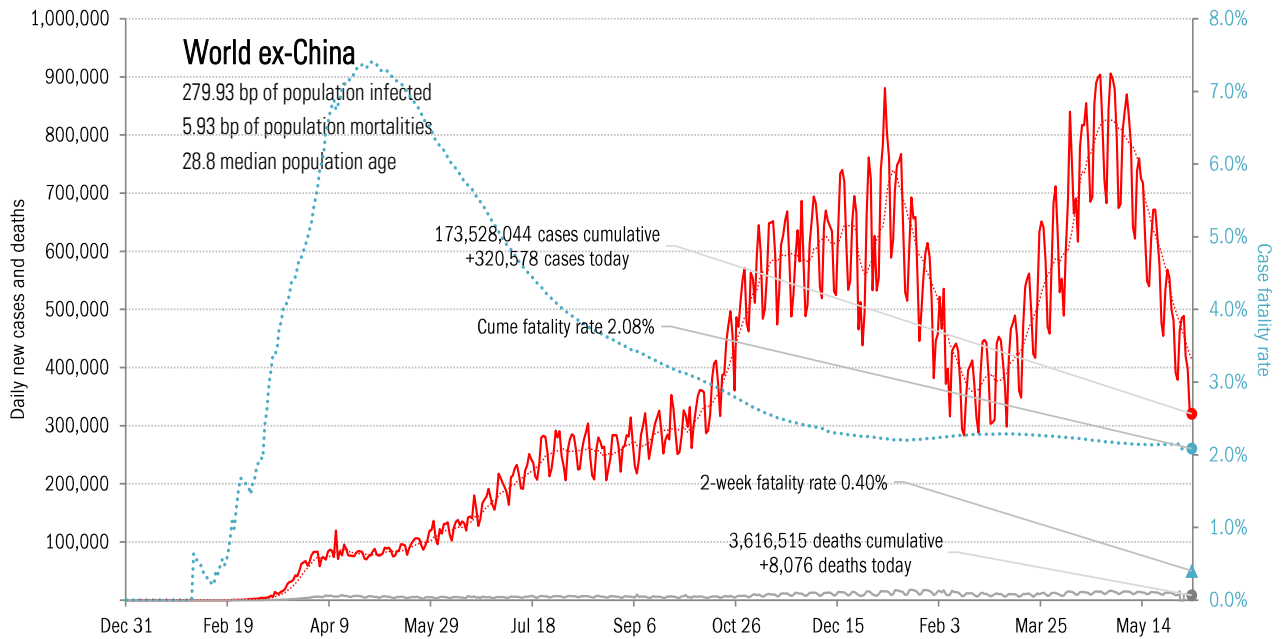
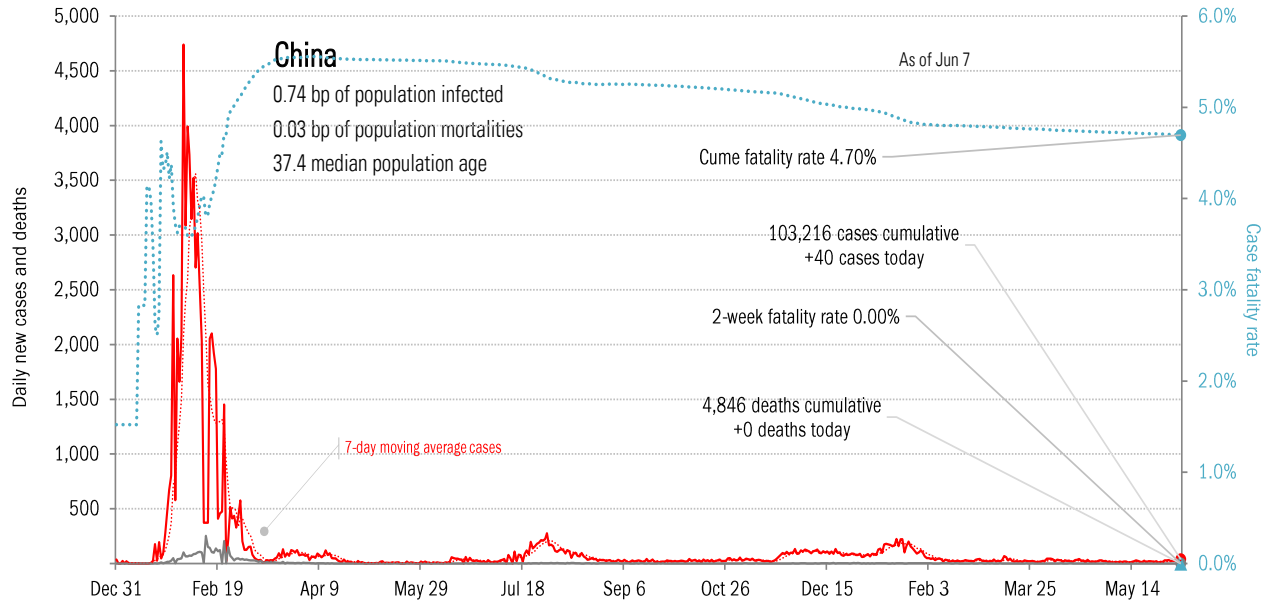
Source: [Johns Hopkins](#), TrendMacro calculations

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



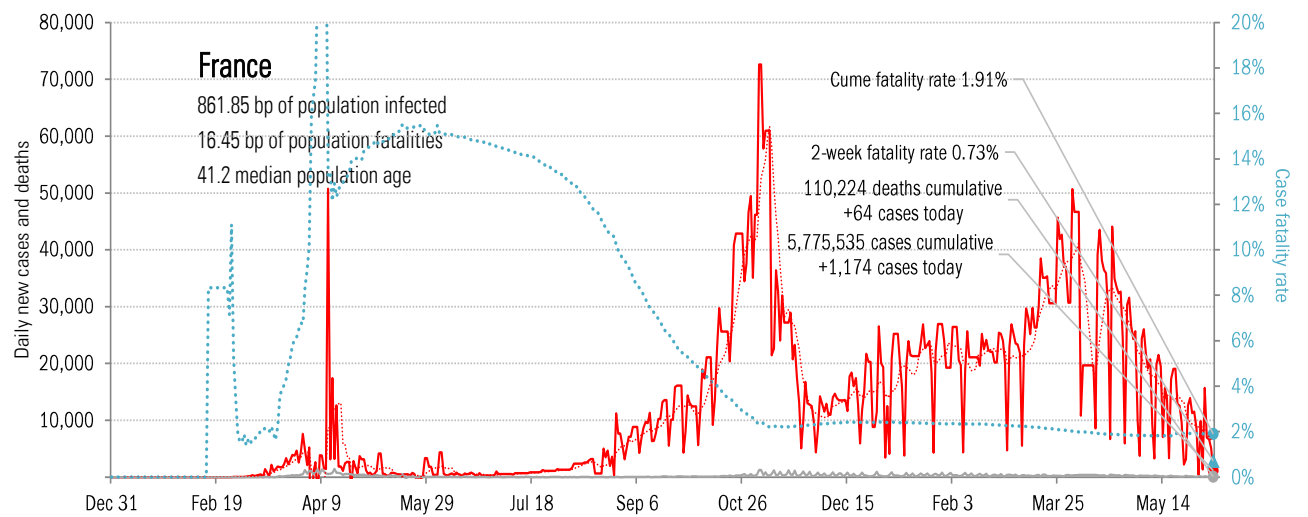
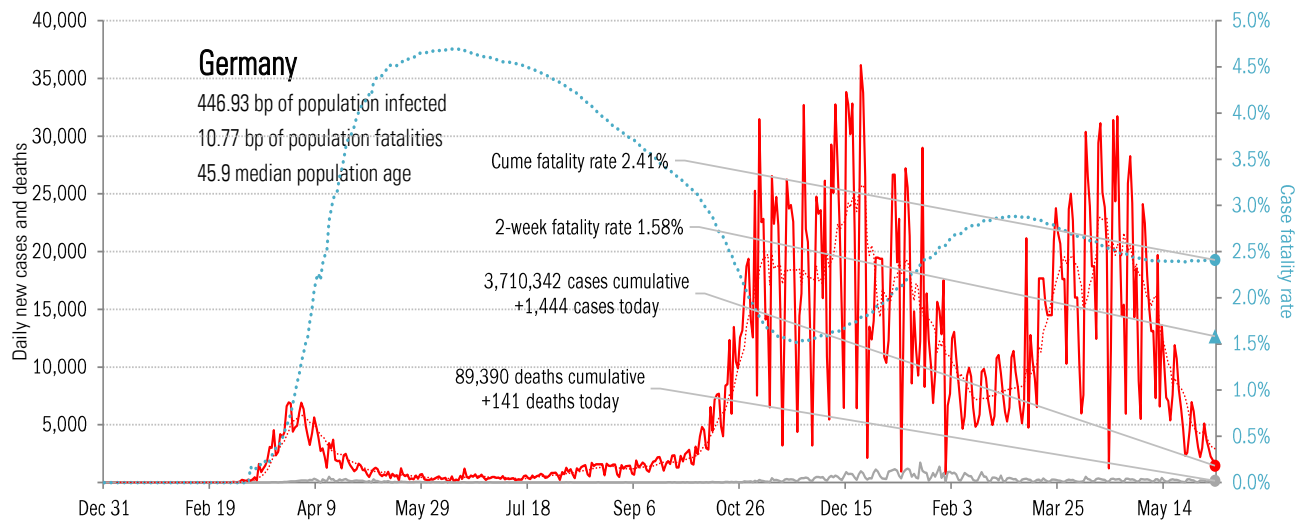
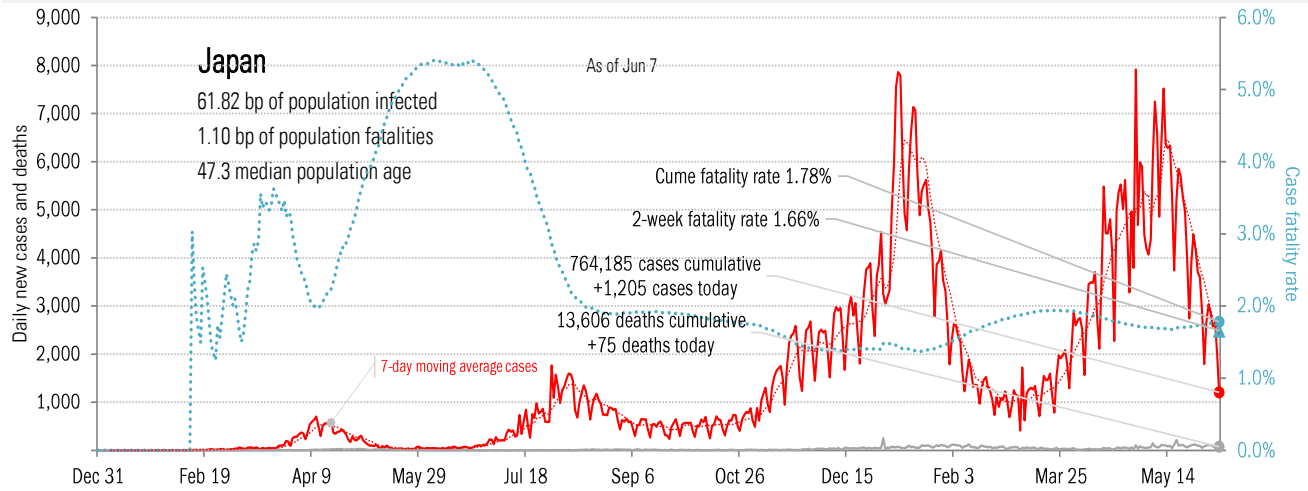
Source: [Johns Hopkins](#), TrendMacro calculations

# Patient zero... and then everyone else



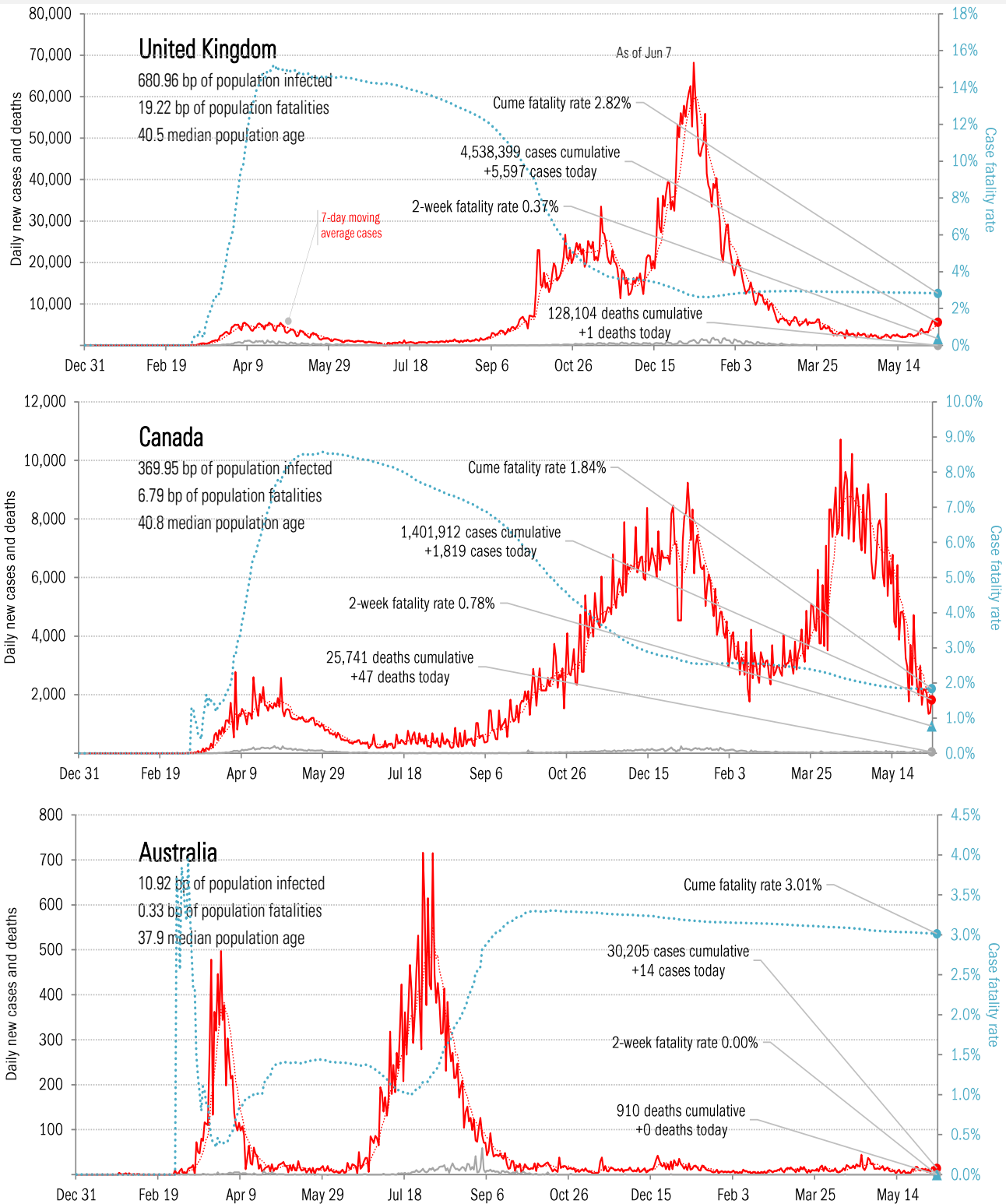
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the largest economies



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

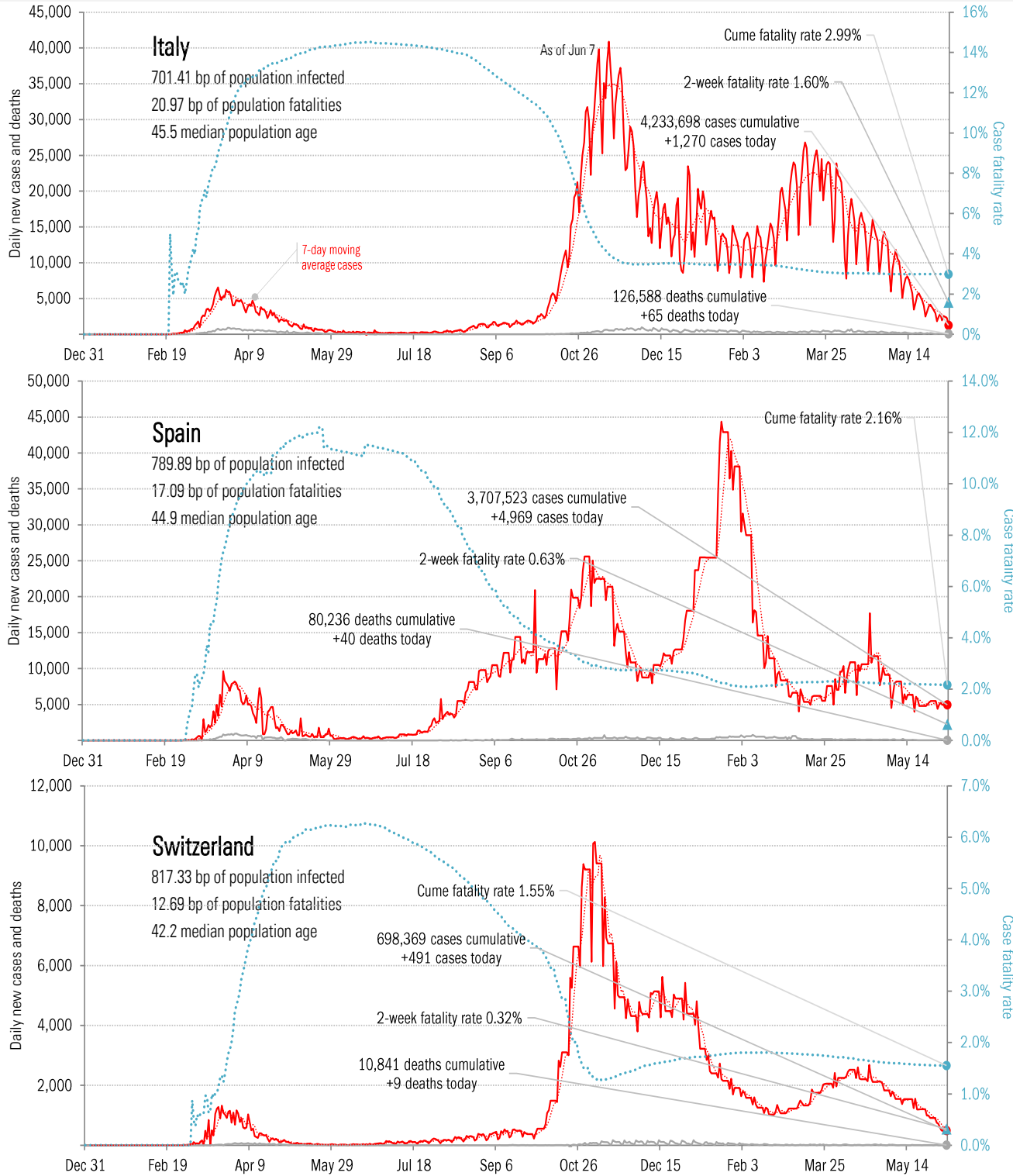
# Impact in The Anglosphere



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

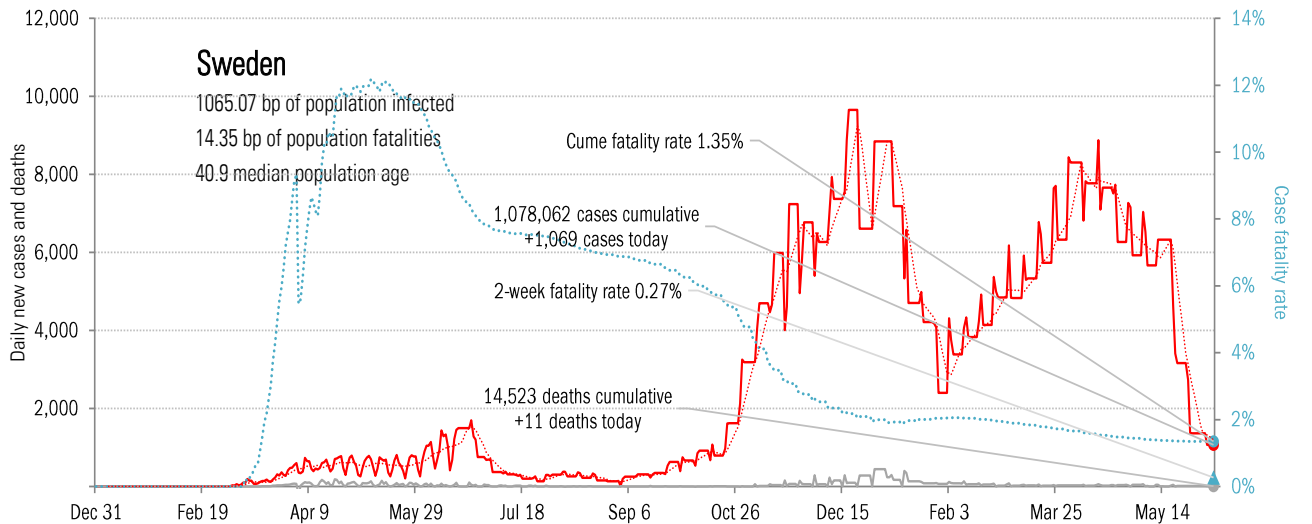
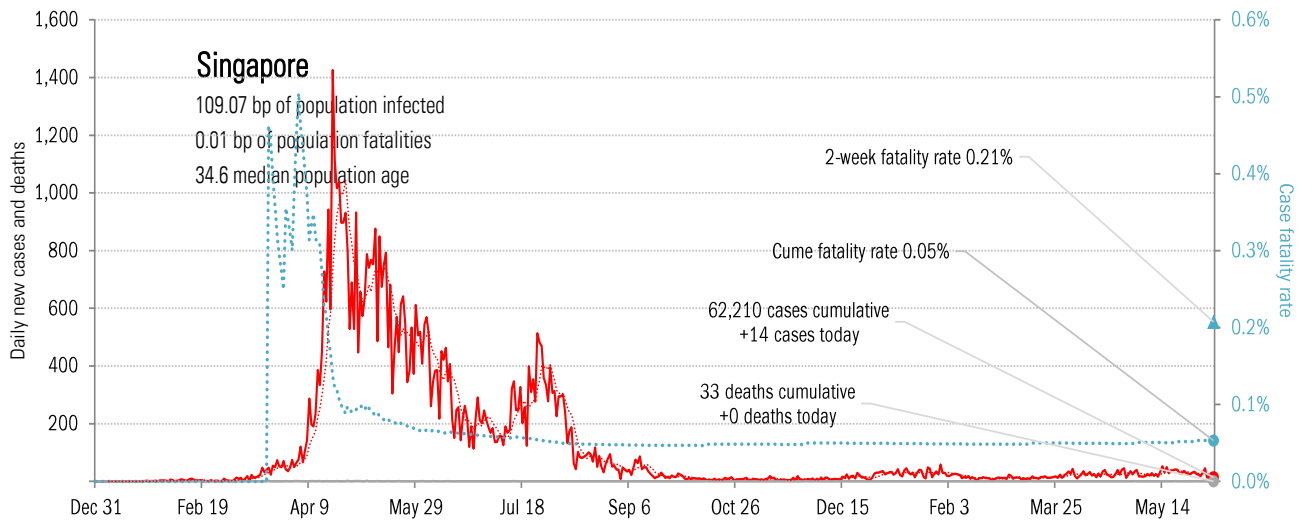
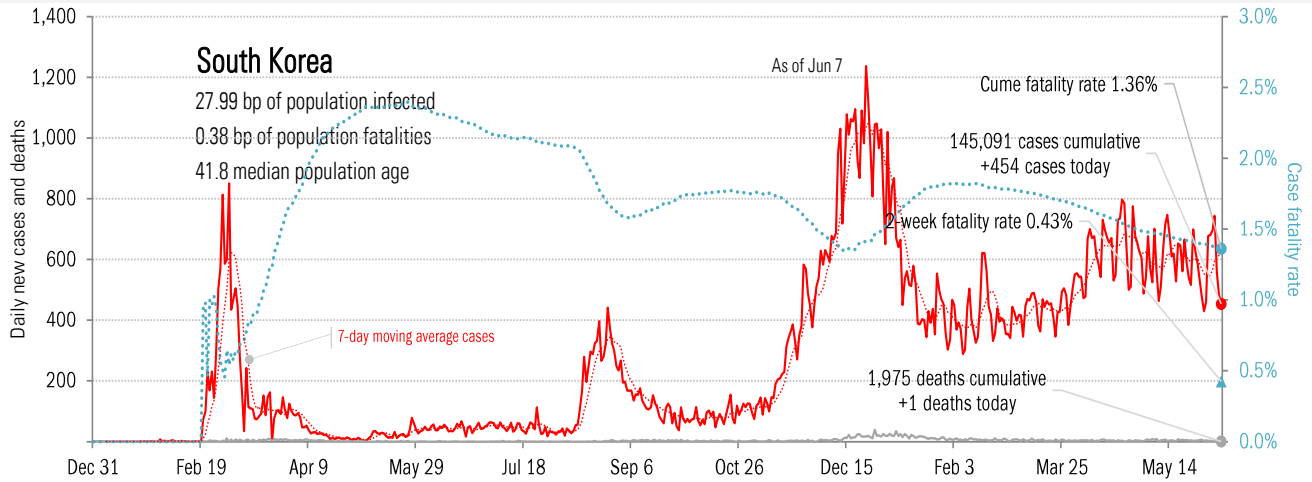


# Impact in continental Europe



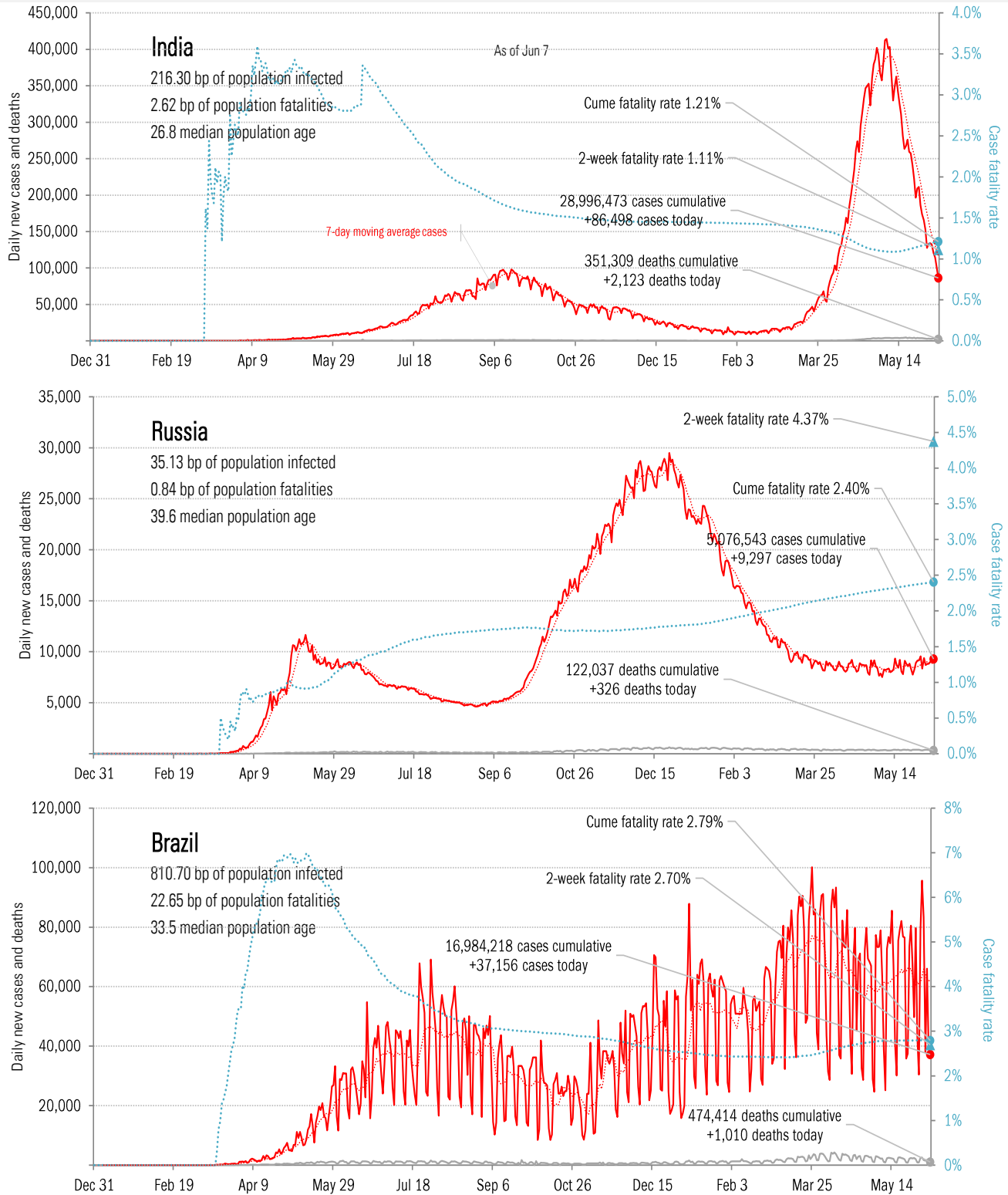
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in other hot-spots



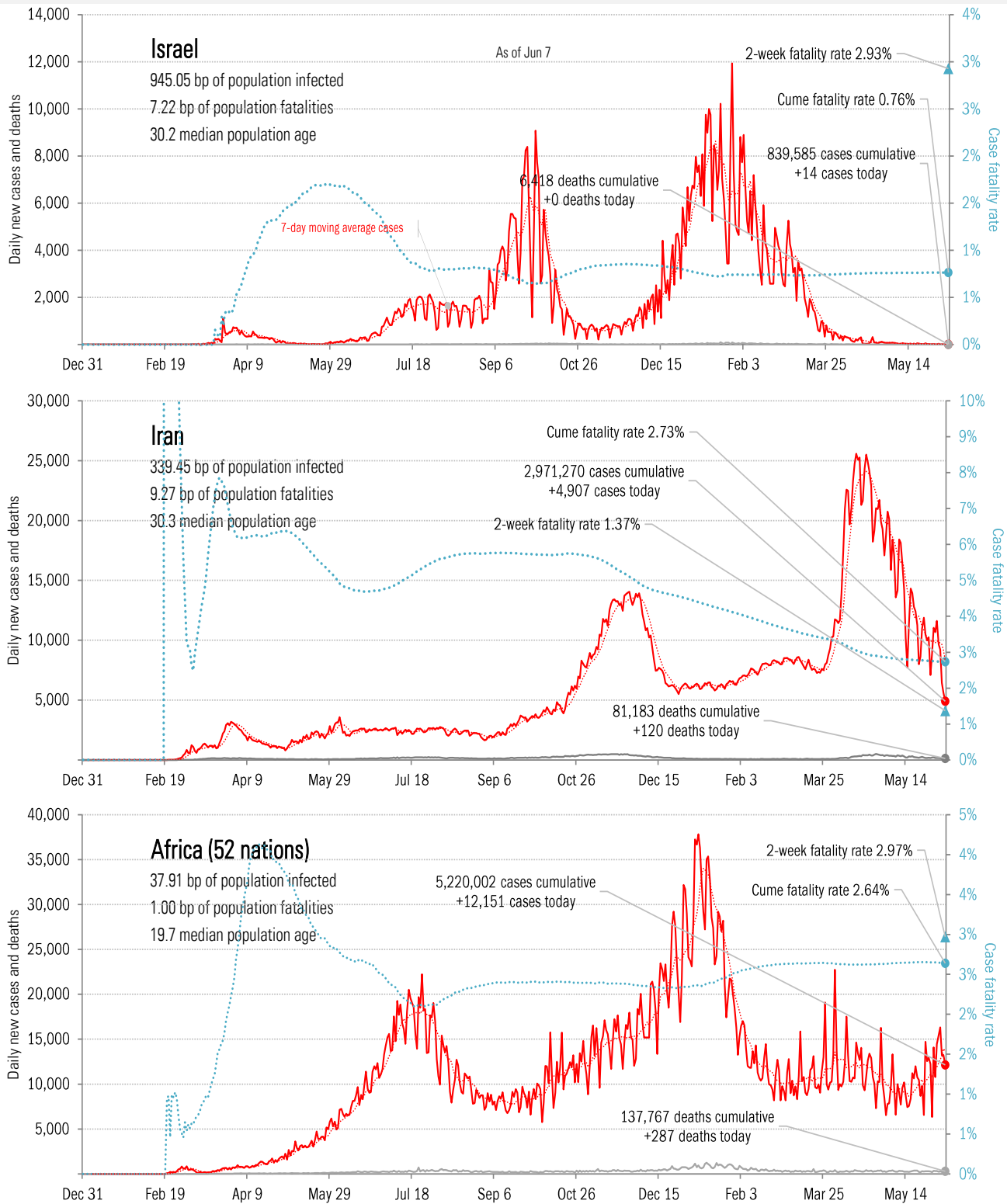
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the BRICs ex-China



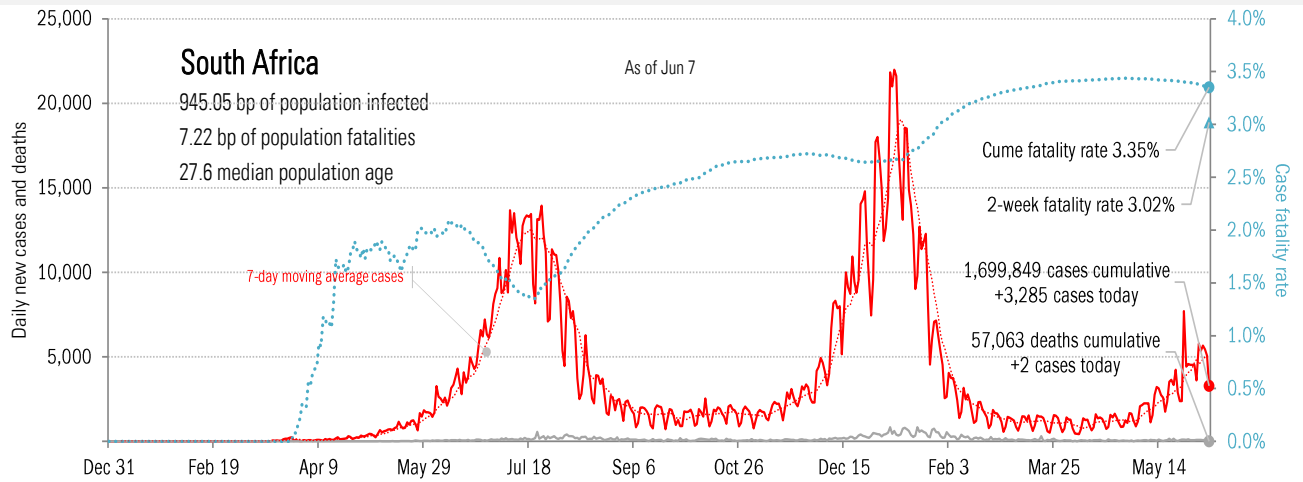
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the Middle East and Africa



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

# Impact in Africa, continued



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