

## Data Insights: Covid-2019 Monitor

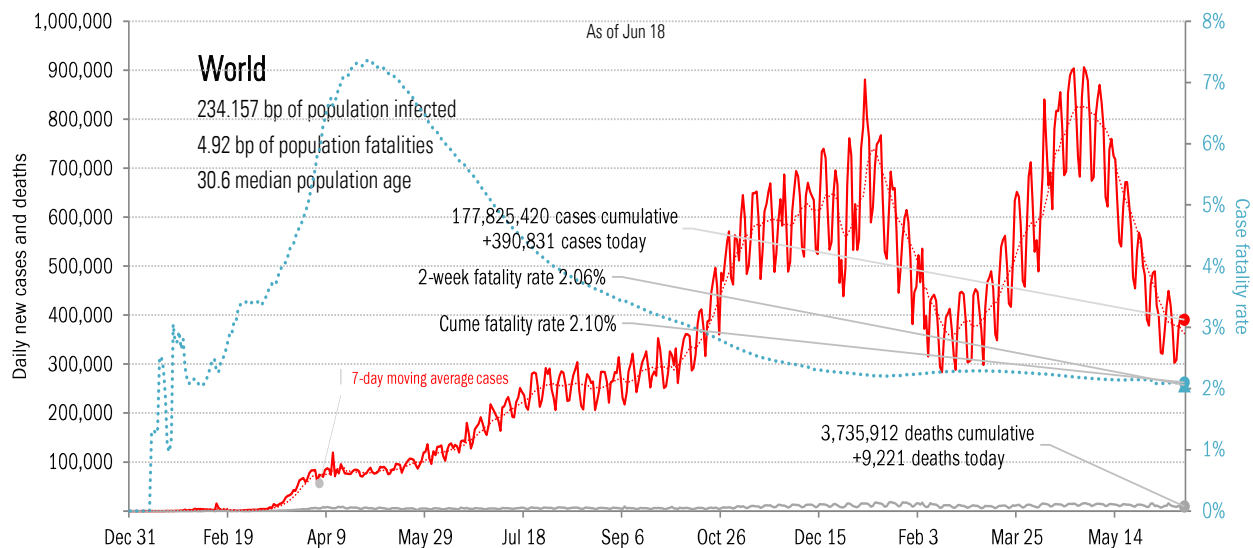
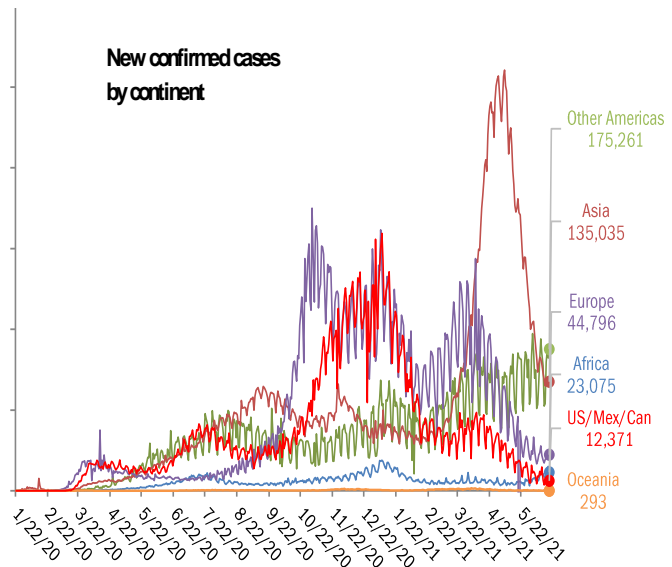
Saturday, June 19, 2021

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
Brazil	+98,832	Brazil	+2,495
India	+60,753	India	+1,647
Colombia	+28,790	United States	+637
Argentina	+20,363	Colombia	+590
Russia	+17,051	Argentina	+458
Indonesia	+12,990	Russia	+447
South Africa	+10,510	Indonesia	+290
United Kingdom	+10,287	Peru	+176
Iran	+10,100	Mexico	+167
United States	+7,308	Iran	+127
<b>+276,984</b>		<b>+7,034</b>	
World +390,831		World +9,221	
Top ten 71%		Top ten 76%	

#### 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

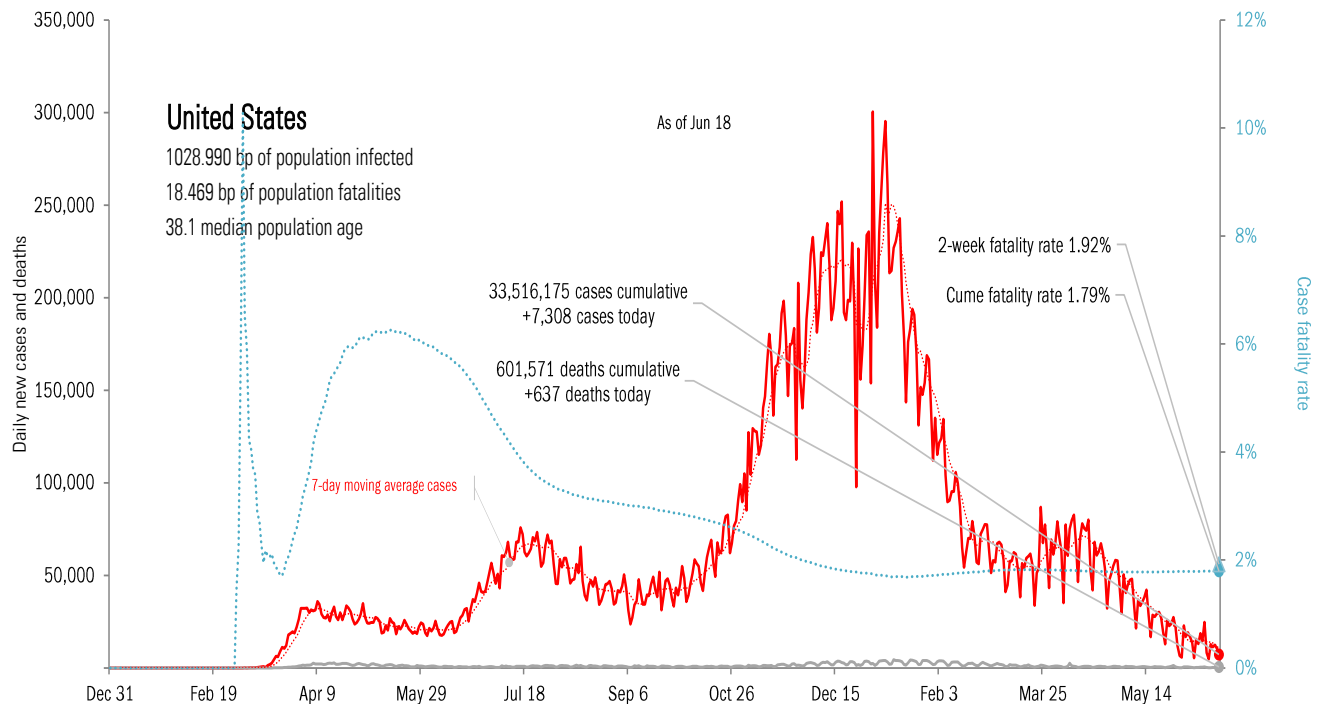
## The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	+1,017		CH	+44		GA	+95		CA	3,806,465		CA	63,274		TX	250,936		R	90%	MO	12%
MO	+919		TX	+43		MO	+21		TX	2,983,636		NY	53,597		CA	238,084		MA	85%	CO	12%
FL	+883		FL	+40		MS	+18		FL	2,345,633		TX	52,083		FL	183,316		PA	82%	WA	11%
WA	+558		GA	+34		CK	+16		NY	2,111,162		FL	37,265		NY	135,534		MO	82%	WY	11%
CO	+474		NC	+20		UT	+14		IL	1,388,634		PA	27,559		GA	108,115		MD	81%	ID	11%
NY	+406		AL	+18		IA	+8		PA	1,214,625		NJ	26,368	#N/A	0	MI	80%	UT	9%		
GA	+385		CA	+18		NM	+6		GA	1,130,468		IL	25,566		CH	177,797		GA	80%	MS	9%
NV	+385		IL	+14		NE	+5		CH	1,108,528		GA	21,292		IL	81,810		MIN	80%	AR	9%
CH	+382		MI	+14		ME	+4		NJ	1,020,830		MI	20,862		KY	76,650		CT	79%	ME	9%
AZ	+364		AZ	+13		FR	+4		NC	1,010,113		CH	20,166		MI	72,618		DC	79%	TX	8%
+5,773			+258			+191			18,120,094			348,032			1,324,860						
All states	+11,396		+387			+17			All states	33,516,175		601,571			2,358,961			All states	70%	67%	
Top ten	51%		67%			1124%			Top ten	54%		58%			56%			Median	72%	6%	

Some states not reporting

## Five most improved US states

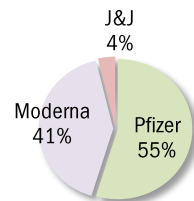
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CA	-745	MI	-12	WA	-39	MO	+90 bp
NC	-142	CA	-11	CA	-38	VA	+50 bp
IL	-135	IL	-7	MD	-36	CK	+40 bp
PA	-114	AZ	-5	AR	-18	FR	+40 bp
ID	-87	NY	-5	ND	-9	DE	+30 bp



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	391,520,795		+0.726 million	US	44.4%	52.7%
Doses administered	325,443,113		+1.098 million	UK	45.5%	62.6%
Administered	One dose	% Pop	Immune	% pop	New immune today	
Total population	180,872,275	54%	152,516,132	46%	+0.711 million	France 23.7% 46.5%
Age 12 to 17	7,988,614	32%	5,347,184	21%	+0.162 million	Spain 29.8% 48.5%
Age 18 to 64	123,462,058	61%	103,464,727	51%	+0.466 million	Germany 30.2% 50.2%
Age 65 and over	49,283,957	90%	43,618,085	80%	+0.078 million	Italy 25.3% 51.1%
						Australia 3.2% 21.7%
						Israel 59.5% 63.4%
						Canada 17.1% 66.2%
						Japan 6.4% 16.4%
						Africa 1.0% 2.4%
						India 3.5% 15.8%
						Brazil 11.4% 28.8%



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

At today's dosing pace, every American >18 immune in **141 days** by Nov 6, 2021

70.3% of population >18 immunized  
14.1% previously tested positive  
**84.4%** vs 60% adult herd immunity\*

AK
60.5%
47.7%
41.5%



WI
54.7%
52.7%
47.5%

Global data differs from sources, timing

ME	NH
72.1%	70.6%
65.5%	61.5%
59.6%	54.4%

WA 64.1% 59.7% 52.2%	ID 49.1% 38.9% 35.0%	MT 54.7% 47.0% 41.4%	ND 48.9% 43.3% 38.0%	MN 60.4% 56.1% 49.8%	IL 60.5% 57.9% 43.9%	MI 60.9% 50.5% 45.5%	NY 63.8% 58.6% 51.6%	MA 72.9% 69.2% 59.3%		
OR 69.9% 57.5% 51.0%	NV 51.8% 48.0% 40.0%	WY 47.1% 38.5% 33.5%	SD 57.0% 49.8% 44.4%	IA 57.1% 50.6% 46.6%	IN 52.2% 43.6% 38.7%	OH 55.3% 47.5% 43.3%	PA 64.5% 61.6% 48.0%	NJ 67.4% 63.4% 53.9%	CT 68.9% 65.7% 58.4%	RI 73.4% 63.4% 56.7%
CA 64.7% 59.7% 47.7%	UT 52.4% 47.3% 35.9%	CO 63.1% 56.7% 49.6%	NE 56.1% 50.1% 45.1%	MO 51.7% 44.0% 37.9%	KY 52.3% 48.5% 41.8%	WV 55.4% 42.3% 36.0%	VA 63.0% 57.9% 49.8%	MD 72.6% 60.3% 53.5%	DE 68.2% 57.0% 47.3%	
	AZ 57.9% 48.5% 38.7%	NM 59.0% 60.3% 51.7%	KS 55.4% 48.3% 40.7%	AR 49.5% 41.0% 33.0%	TN 55.7% 40.7% 34.2%	NC 58.2% 44.5% 38.4%	SC 53.7% 42.6% 36.6%	DC 78.5% 59.6% 50.1%		
		OK 53.2% 43.9% 37.0%	LA 45.6% 37.3% 33.5%	MS 46.9% 35.4% 28.9%	AL 51.1% 38.7% 31.6%	GA 54.7% 42.0% 34.8%				
HI 70.8% 68.9% 50.5%		TX 57.2% 47.0% 39.3%					FL 60.9% 52.1% 43.5%	PR 68.0% 55.1% 42.4%		

As of Jun 18

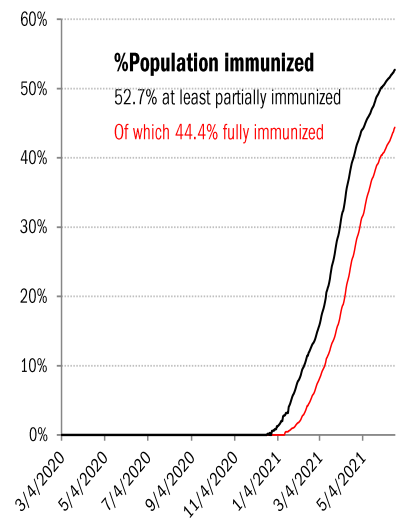
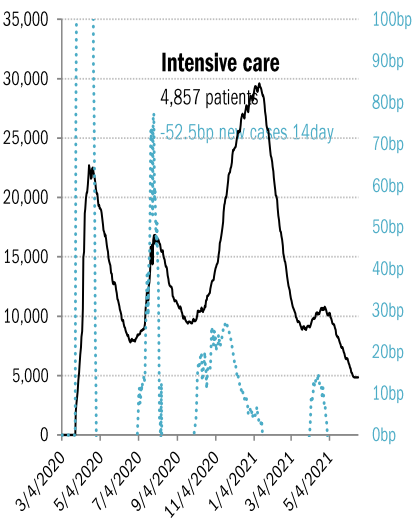
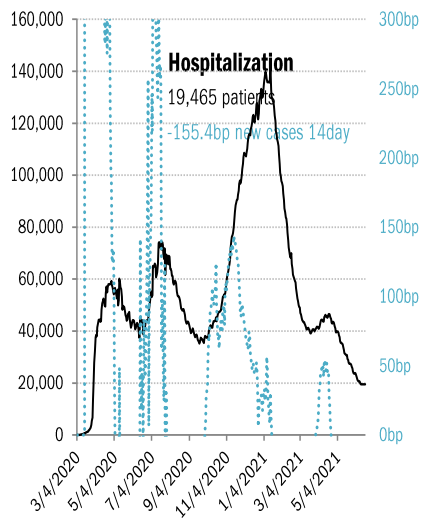
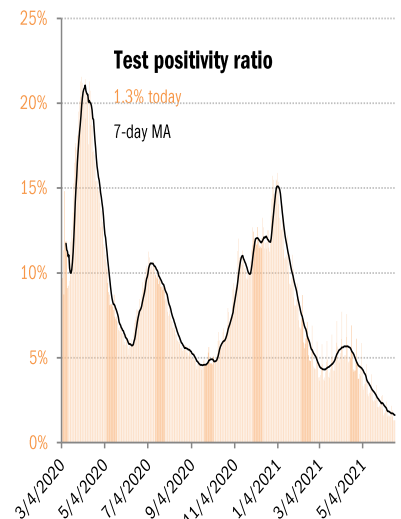
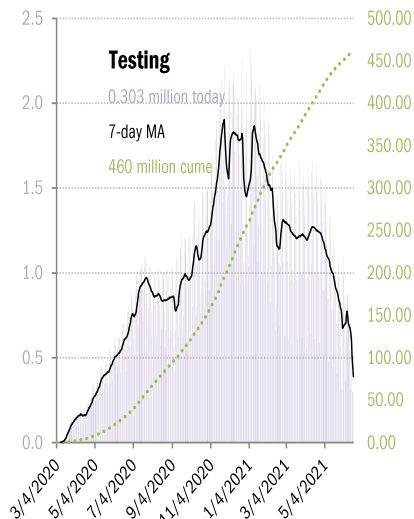
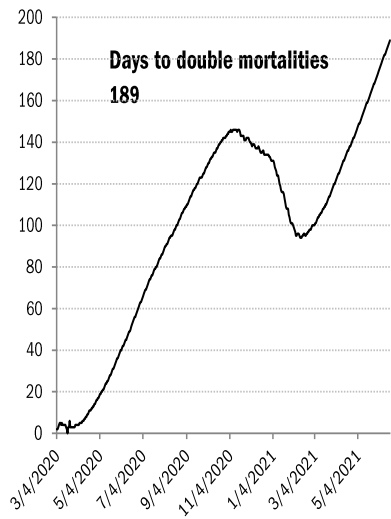
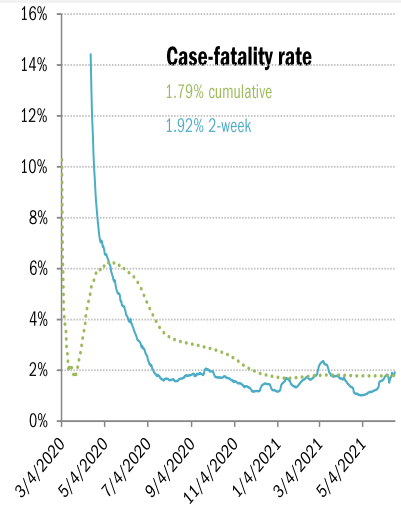
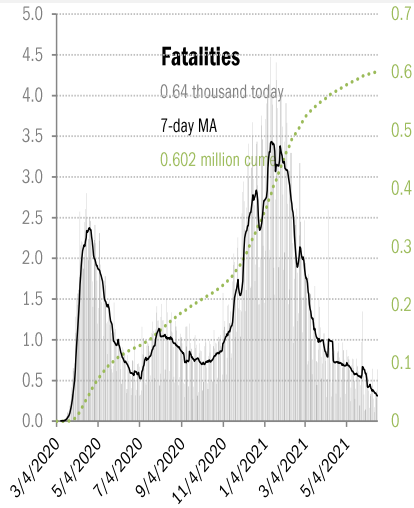
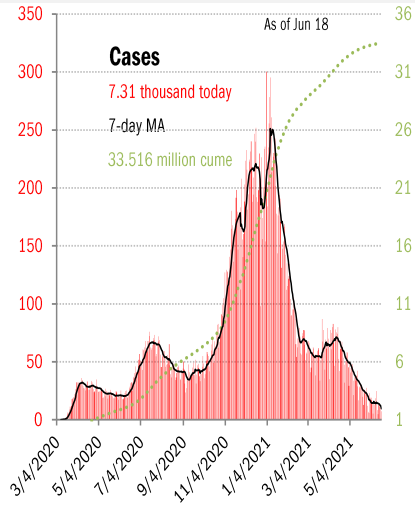
\* Includes persons >18 fully immunized or previously tested positive, no overlap. Disregards untested positives, natural immunities.

\*\* 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

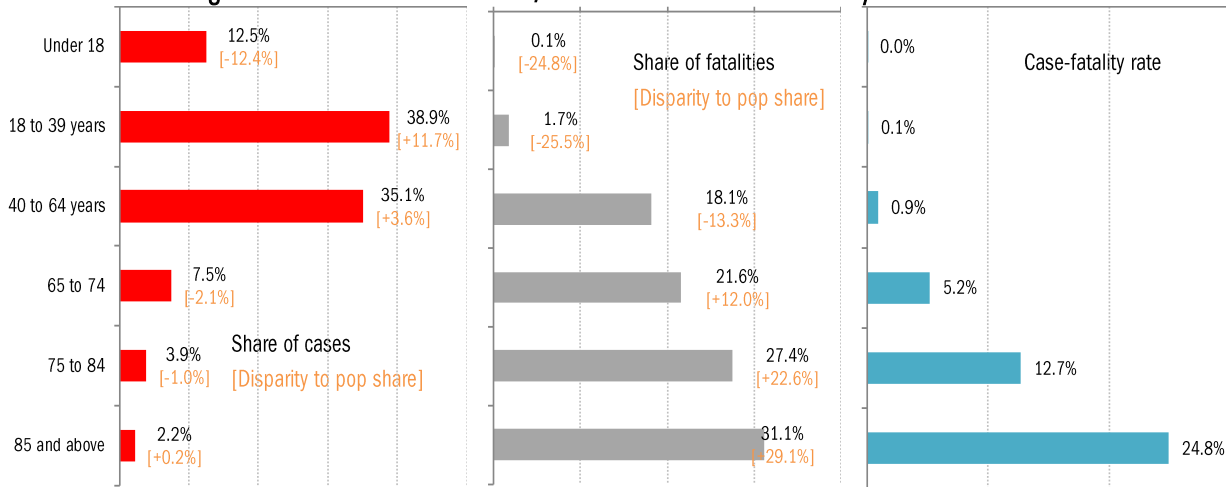
# US deep-dive

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

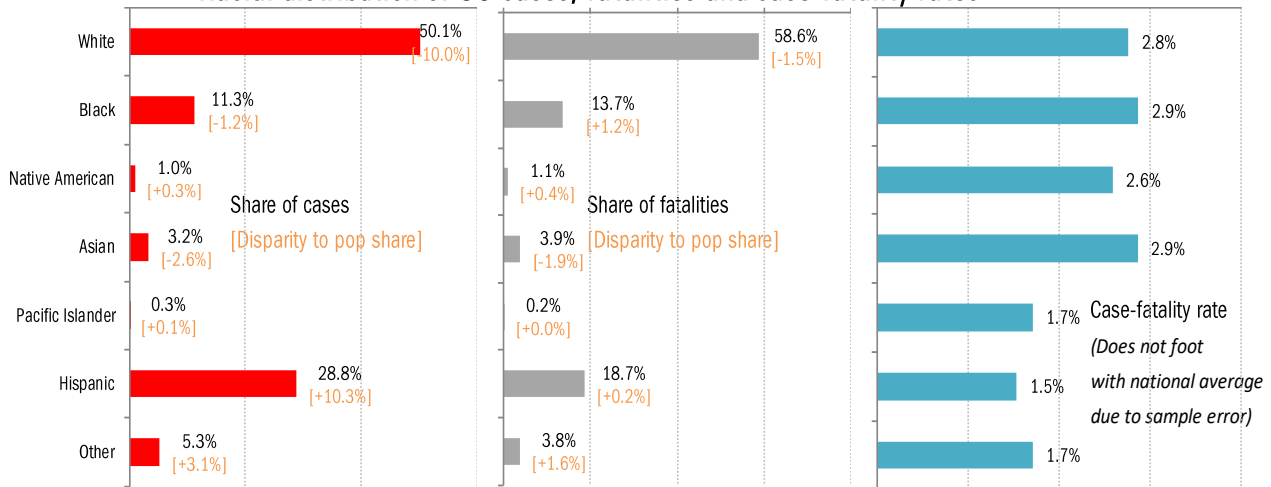


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

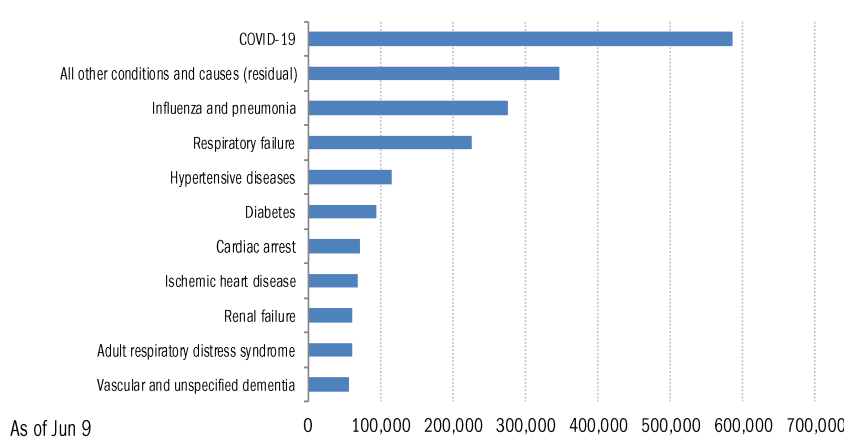


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

### [Why Shutdowns and Masks Suit the Elite](#)

Barton Swaim  
*Wall Street Journal*  
June 18, 2021

### [Doctors for Progressive Conformity](#)

*Wall Street Journal*  
June 18, 2021

### [Lockdowns are 'the single biggest public health mistake in history', says top scientist](#)

Phoebe Southworth  
*Planet Normal*  
June 10, 2021

### [Scientist Backing Probe Into Wuhan Lab: Some Peers Delayed Probing Lab Theory Because They Didn't Want 'To Be Associated With Trump'](#)

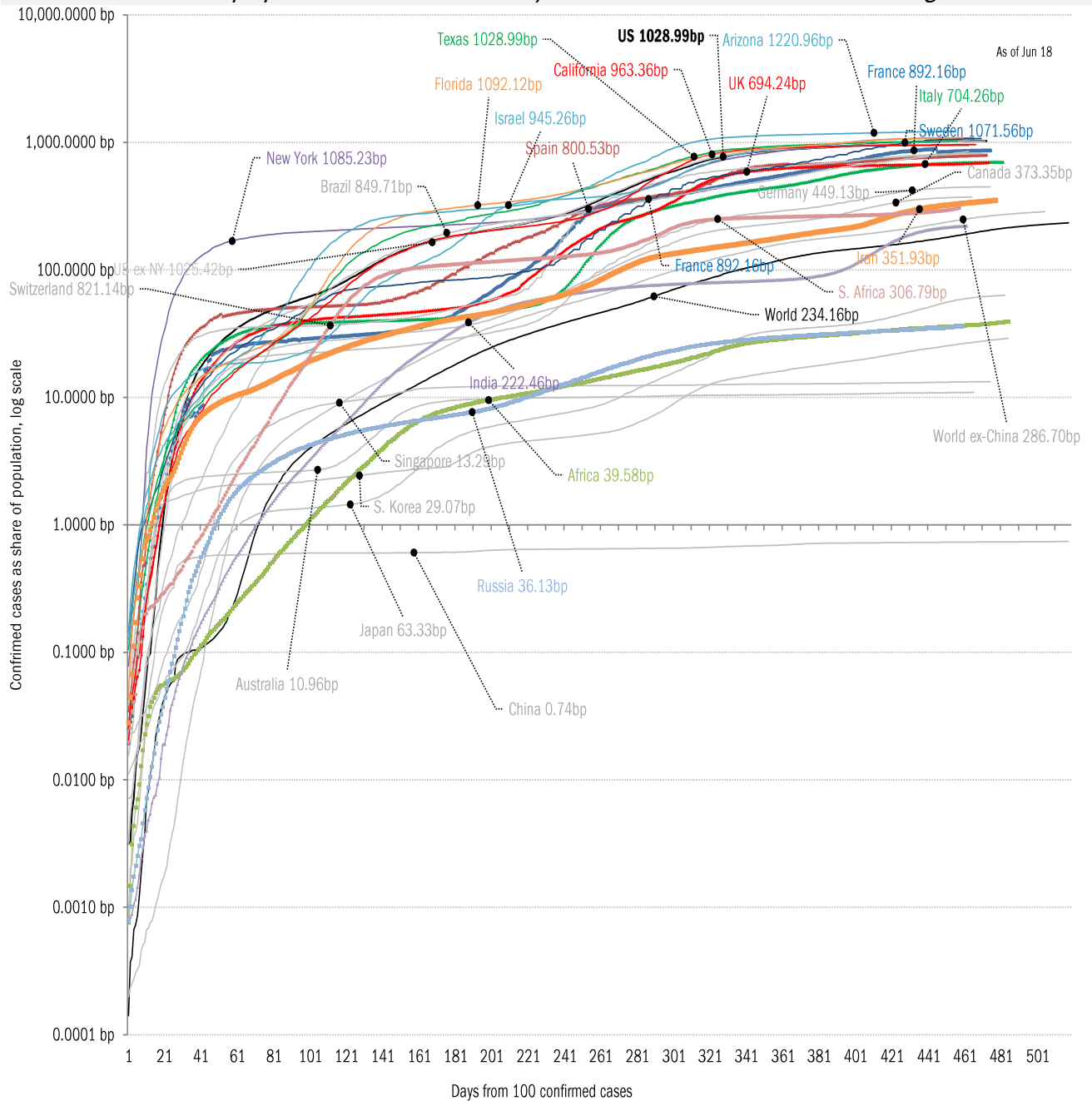
Ryan Saavedra  
*Daily Wire*  
June 17, 2021

## Meme of the day



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

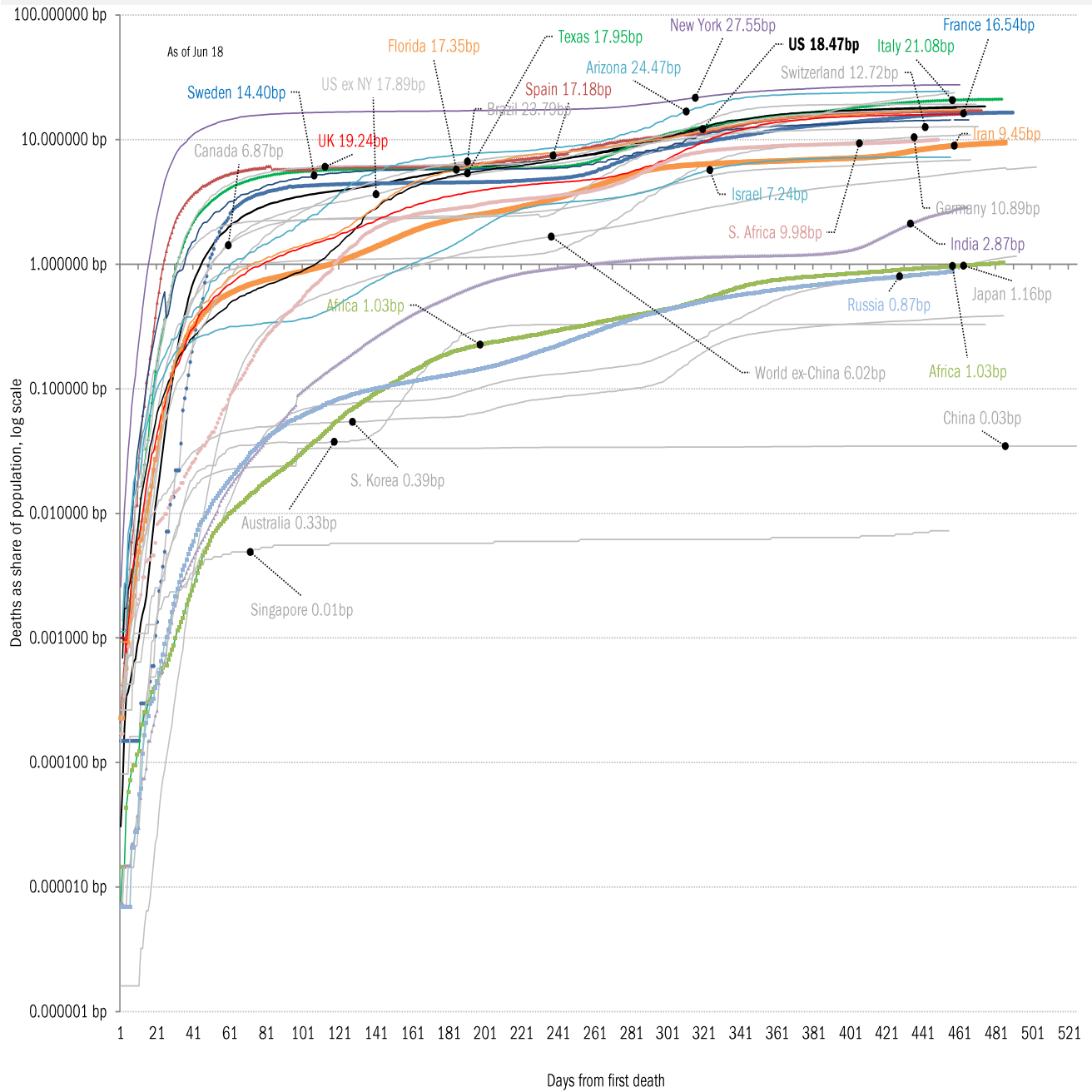
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



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

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

*Share of deceased population from day of first fatality, log scale*



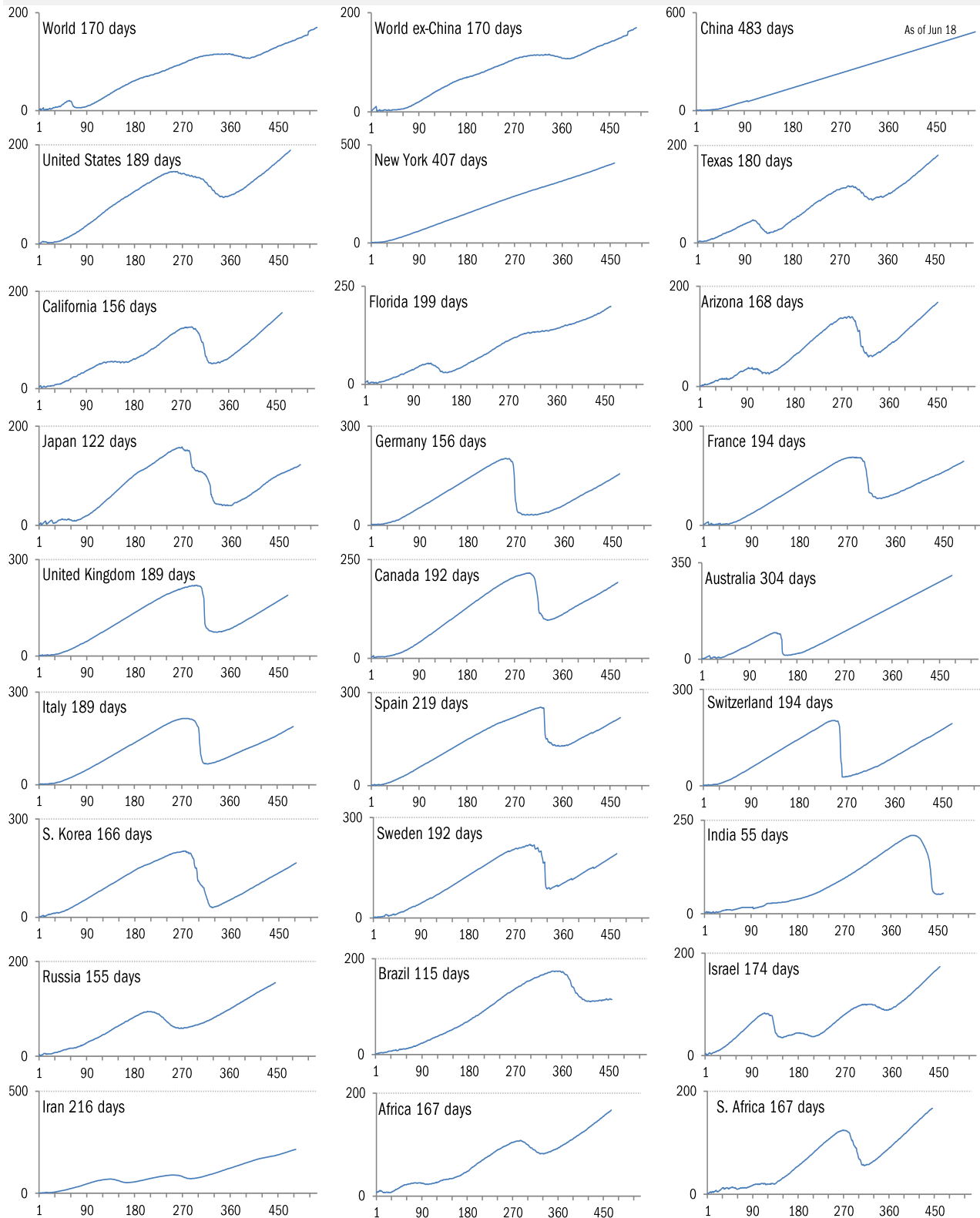
Source: [Johns Hopkins](#), TrendMacro calculations



# "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

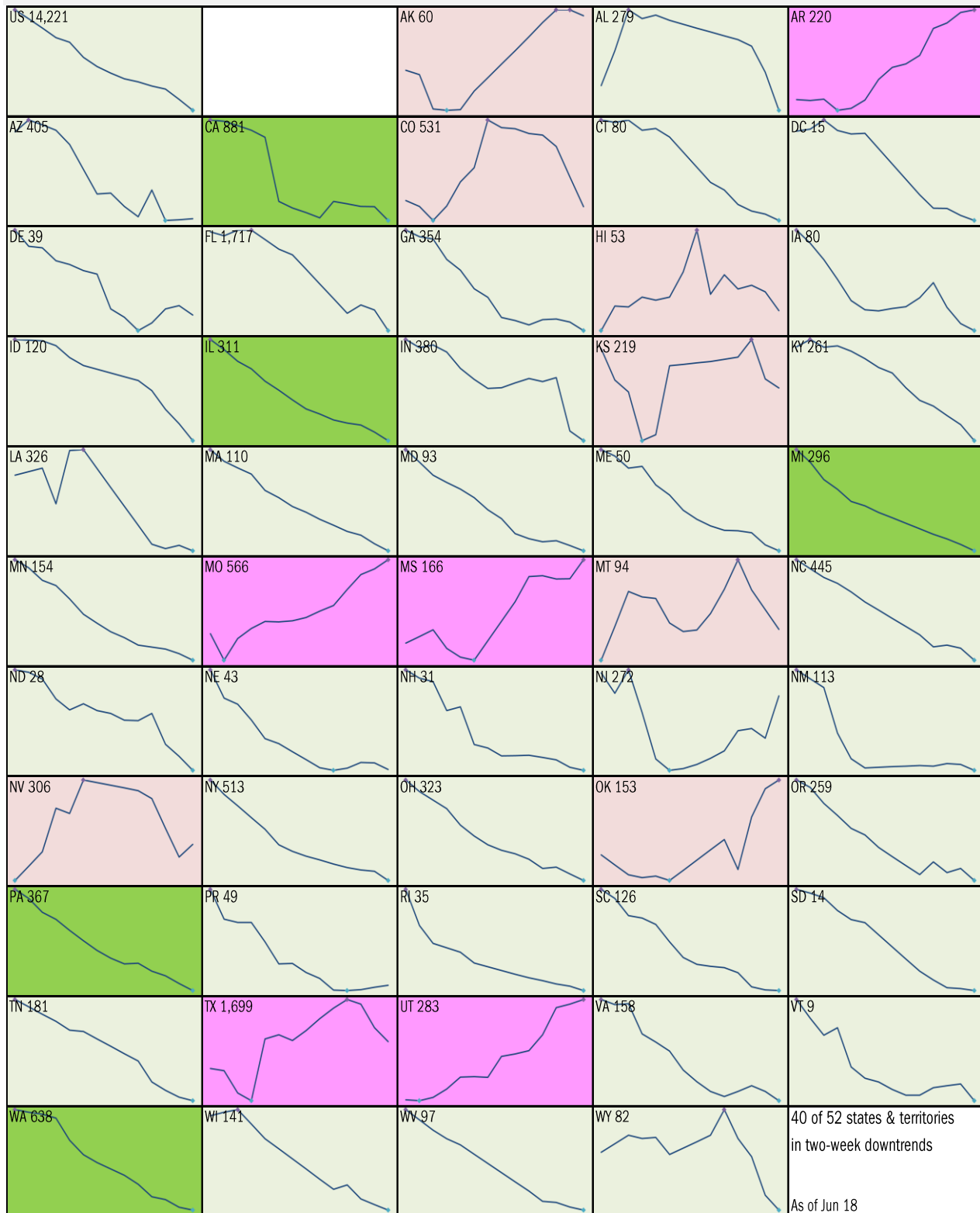


Source: [Johns Hopkins](#), TrendMacro calculations

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

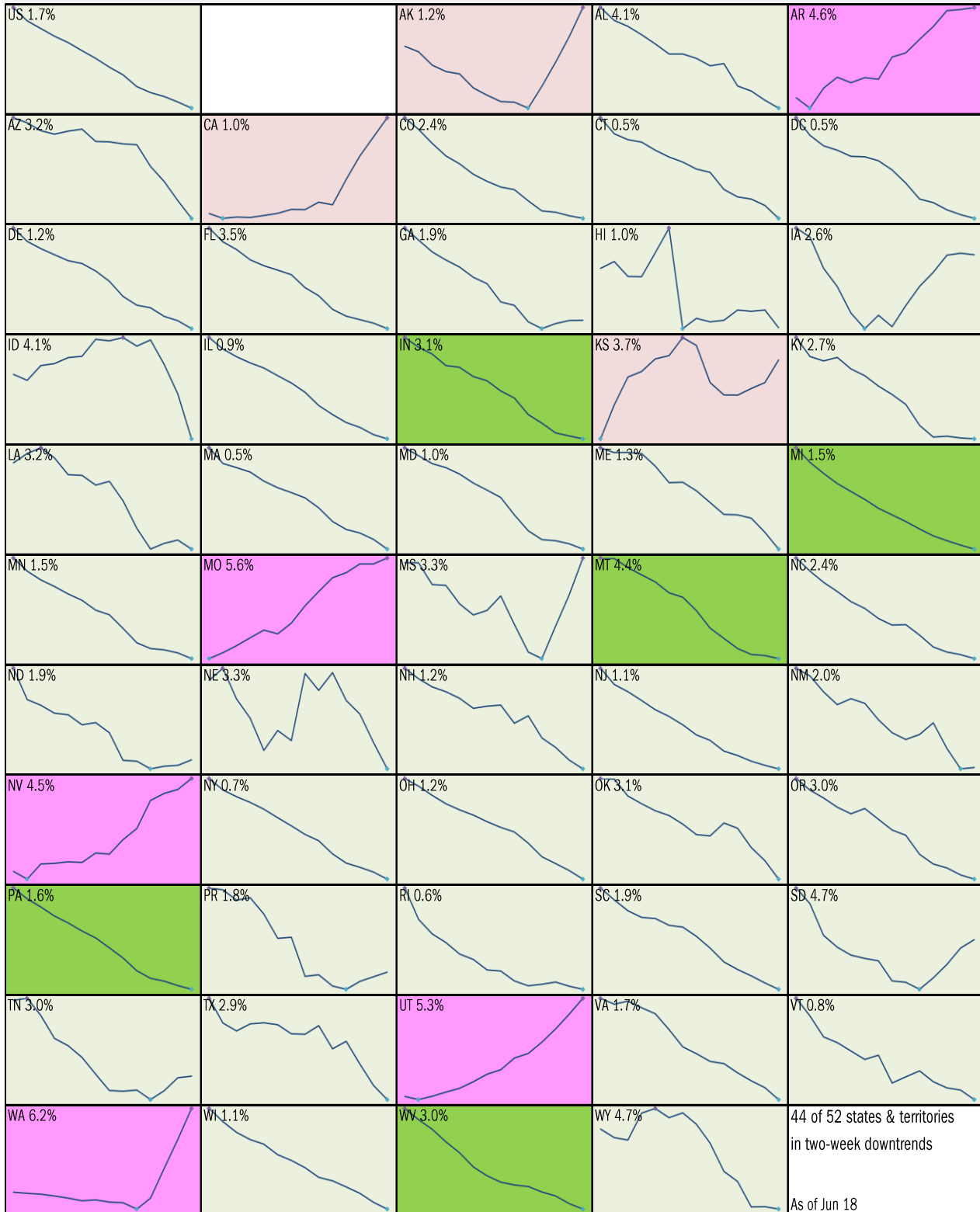


Source: [Johns Hopkins](#), TrendMacro calculations

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

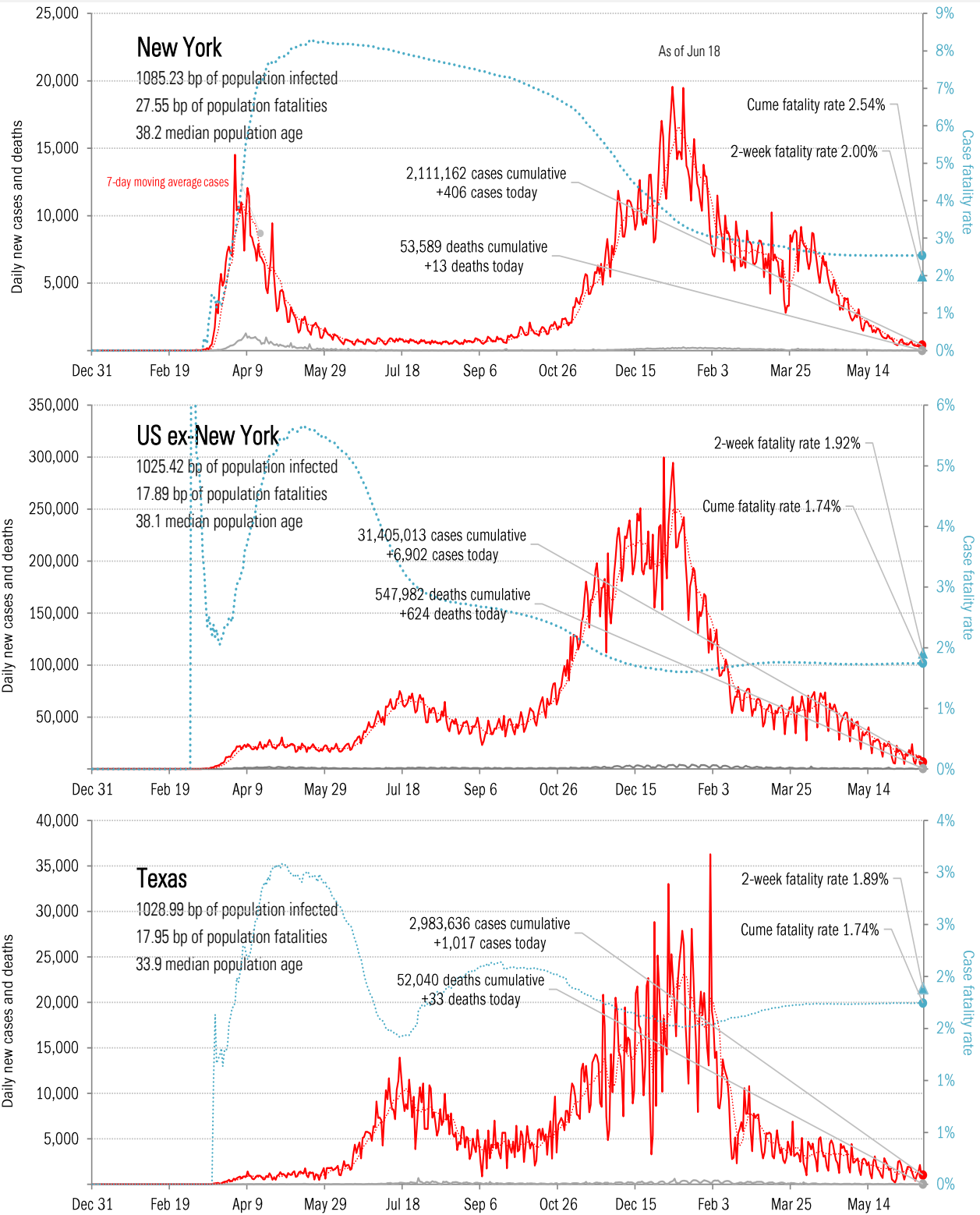
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



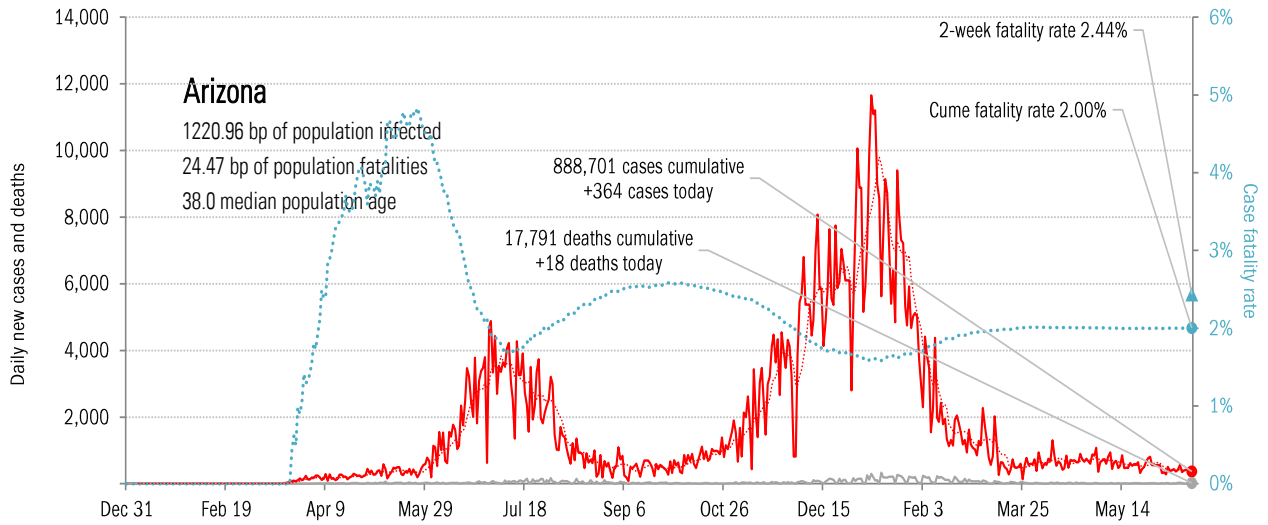
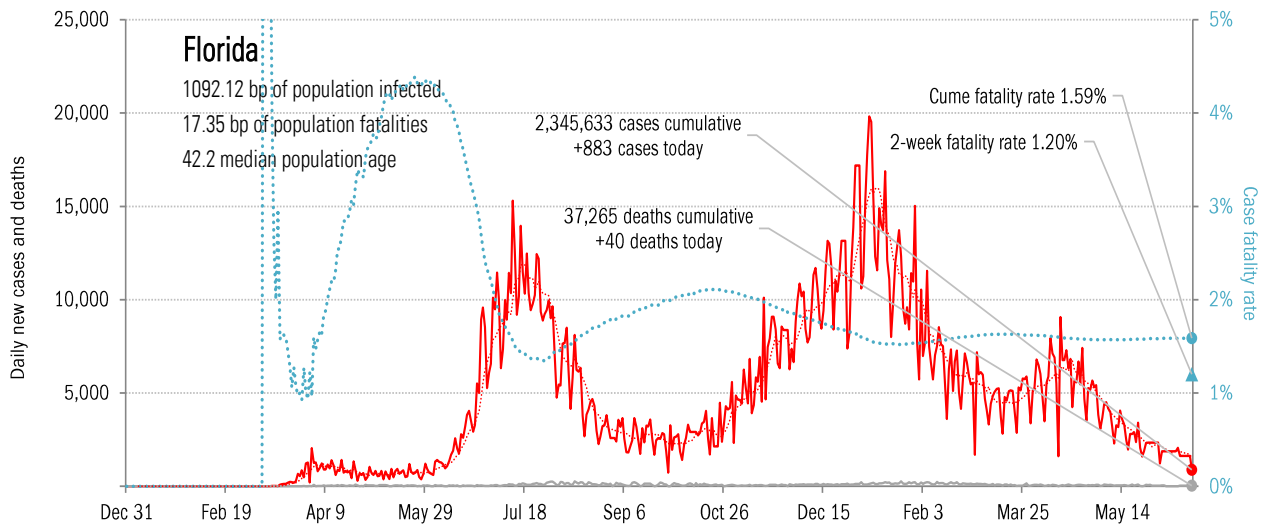
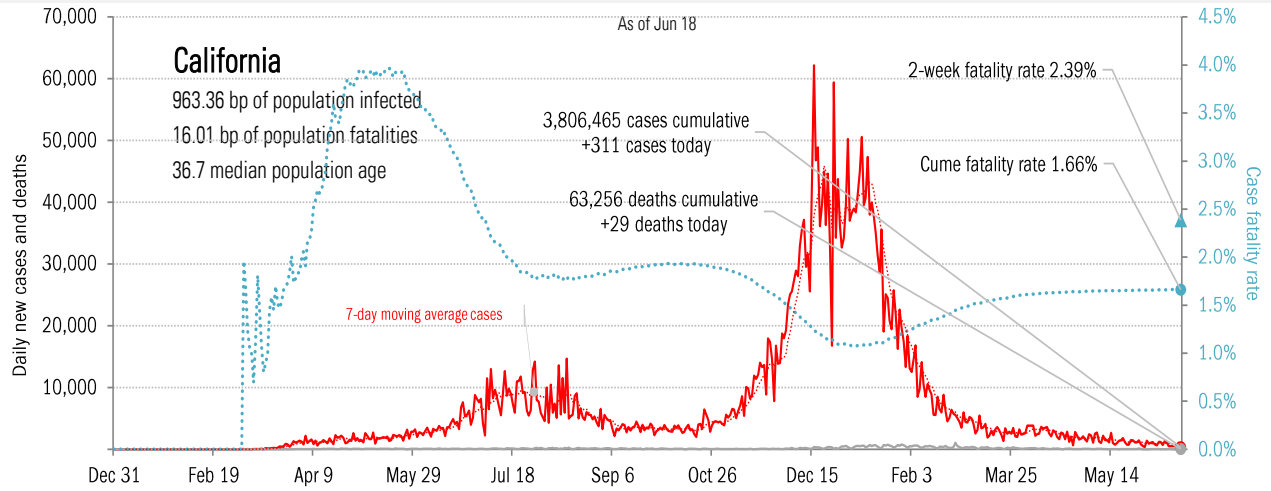
Source: [Covid Act Now](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



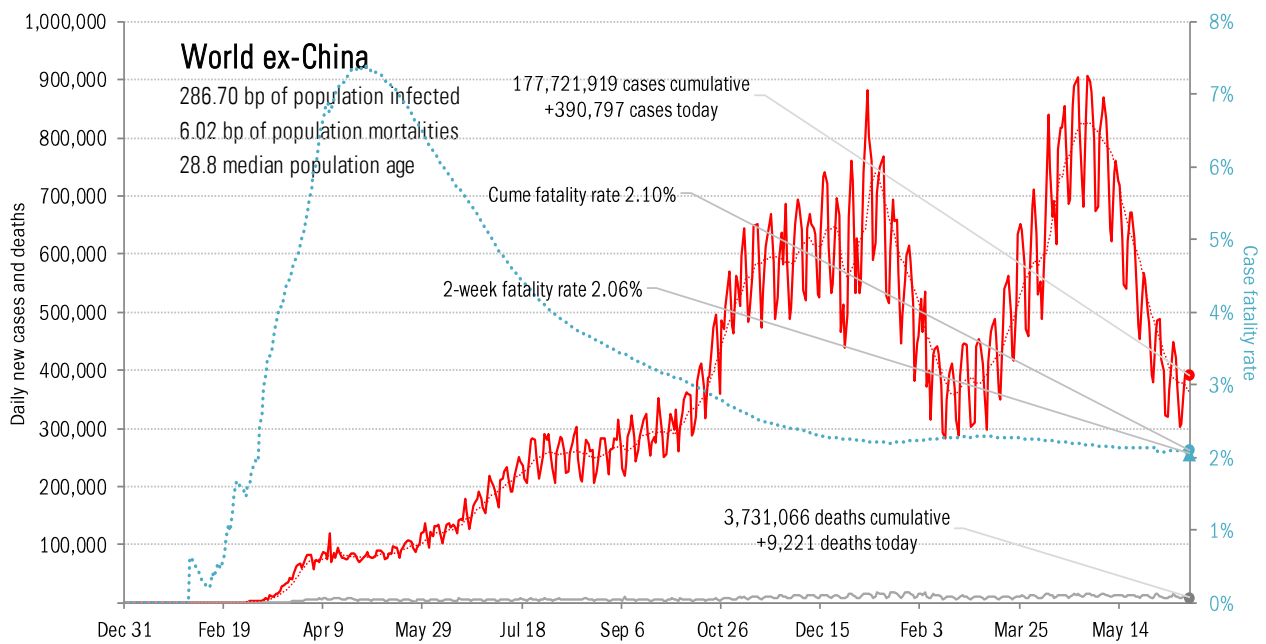
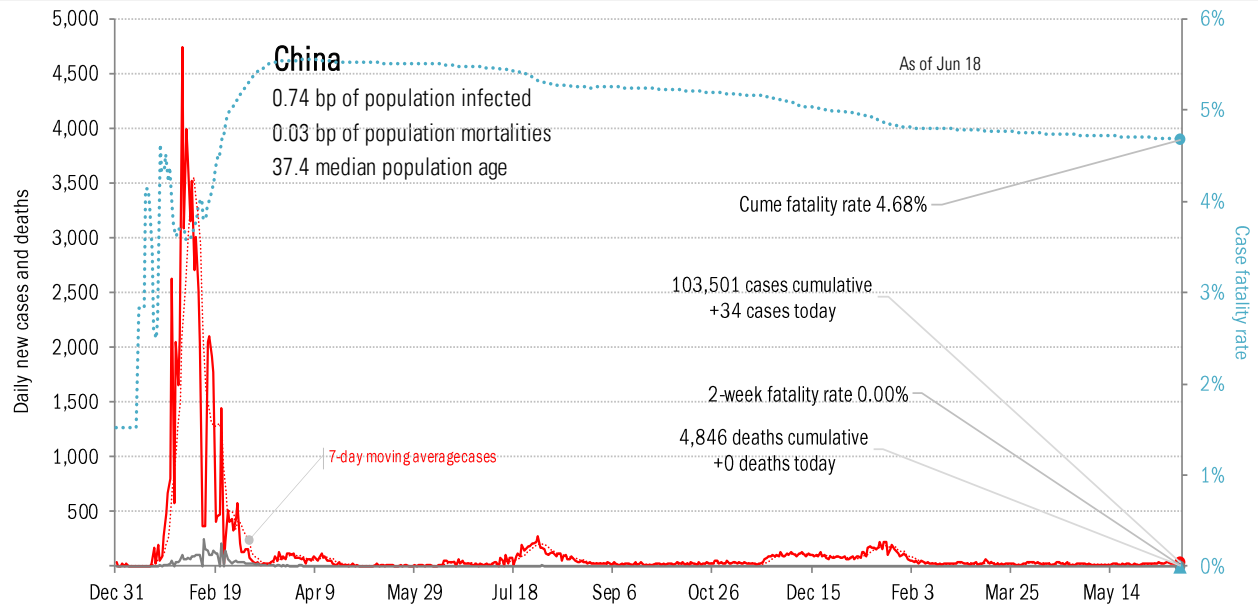
Source: [Johns Hopkins](#), TrendMacro calculations

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



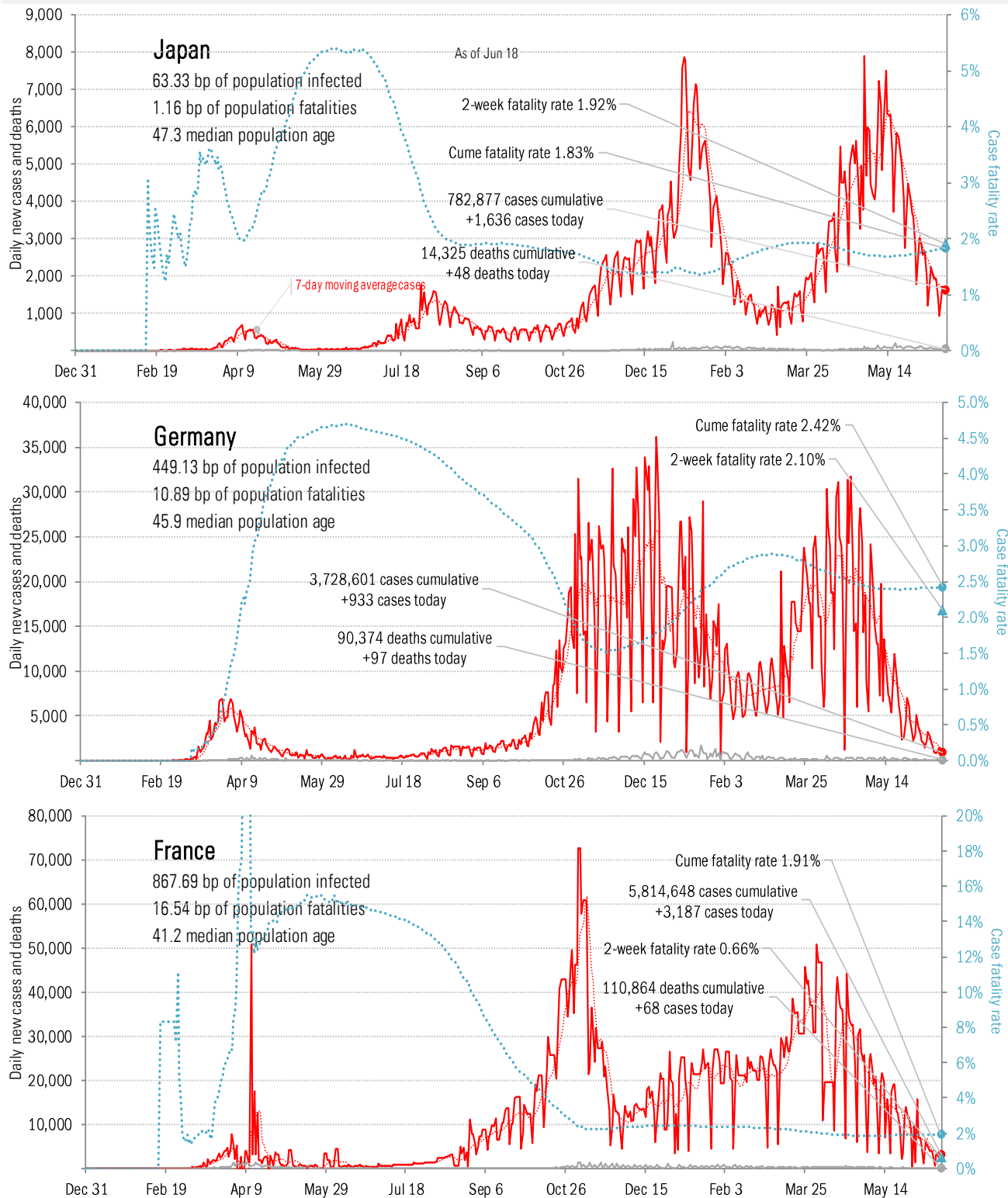
Source: [Johns Hopkins](#), TrendMacro calculations

# Patient zero... and then everyone else



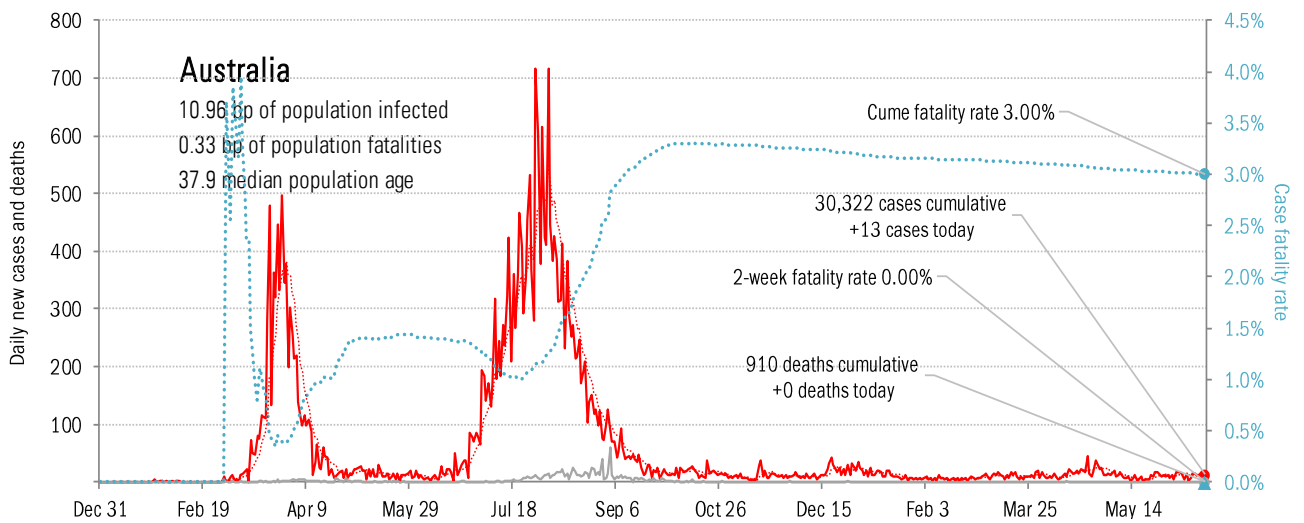
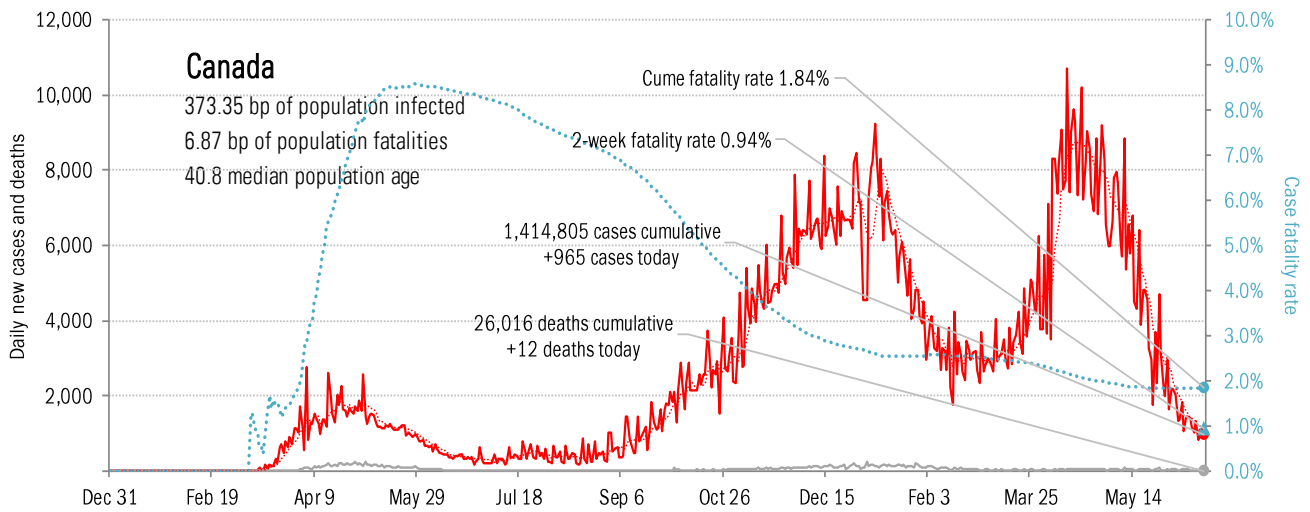
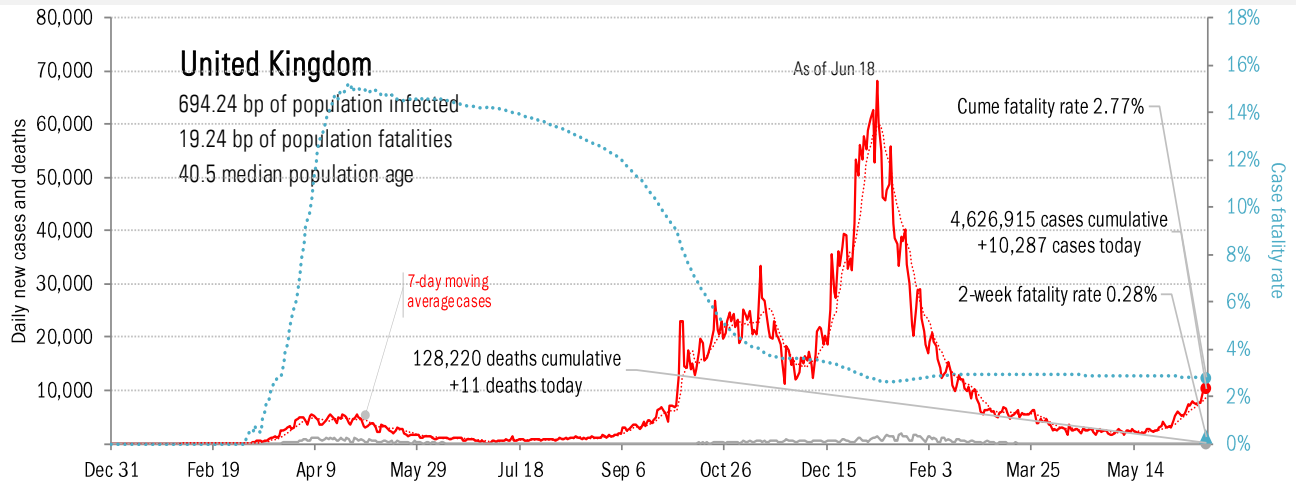
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the largest economies



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

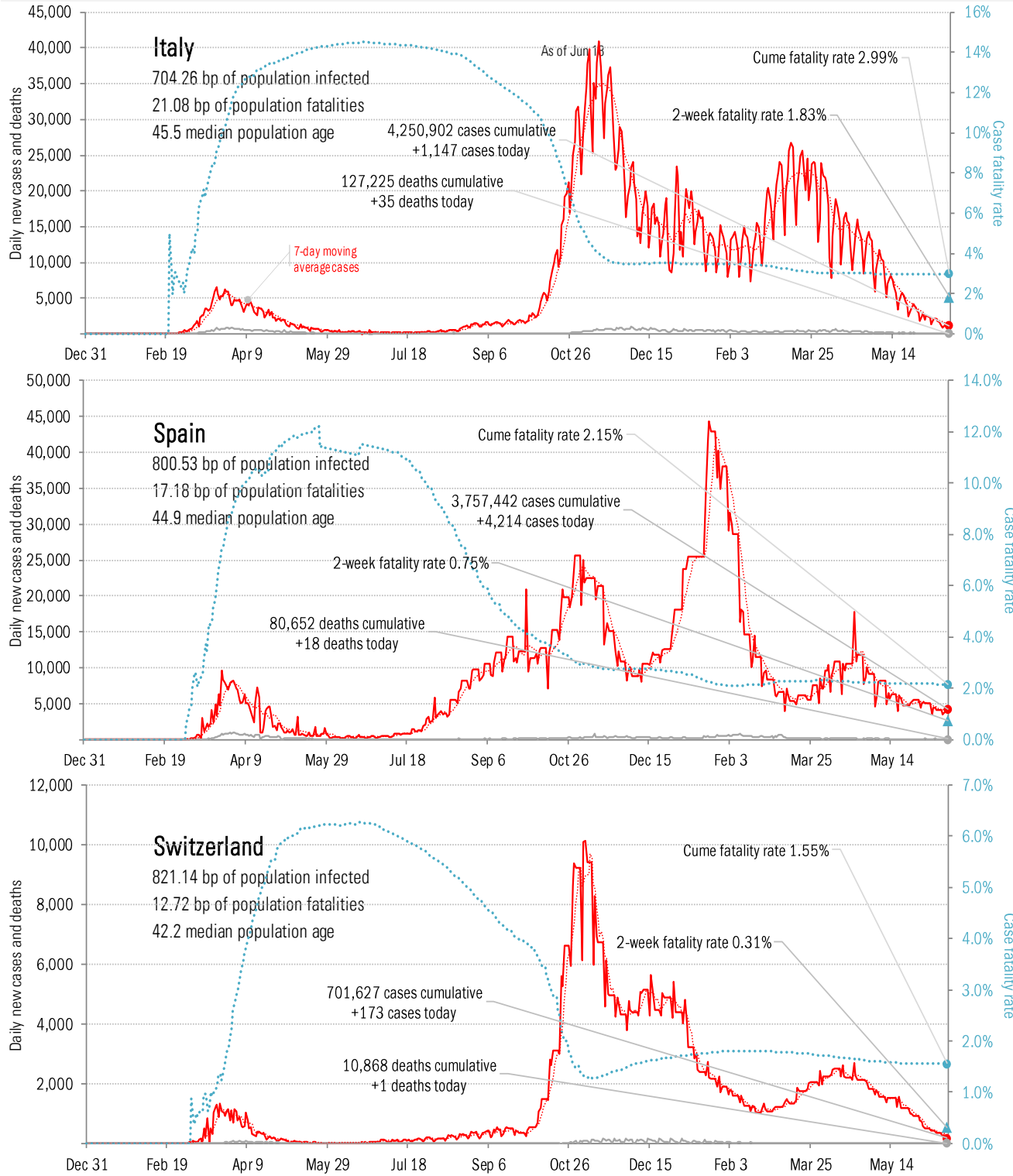
# Impact in The Anglosphere



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

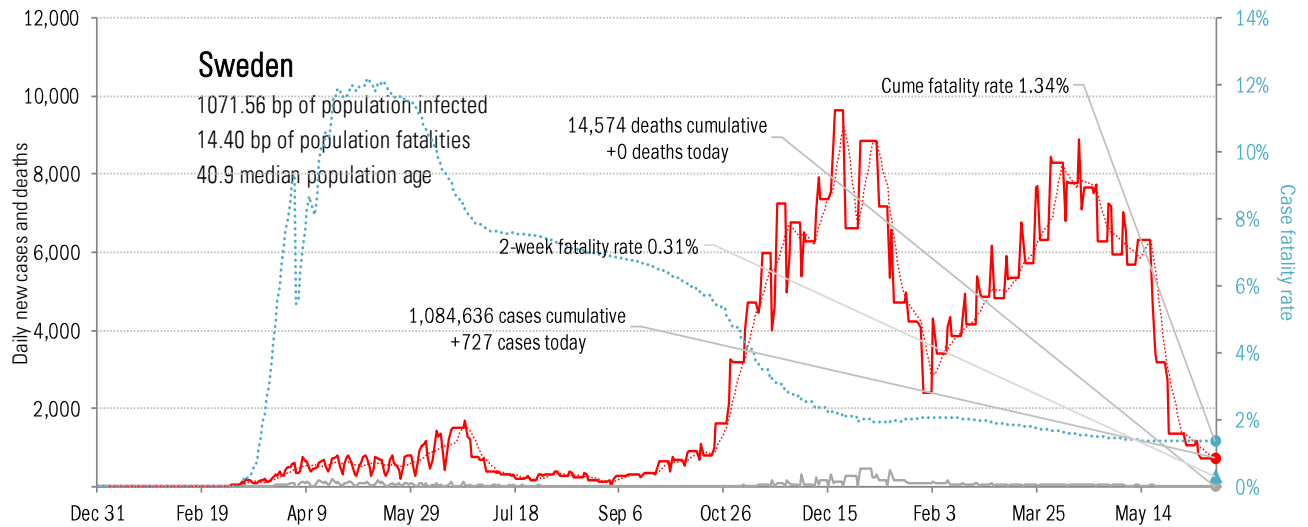
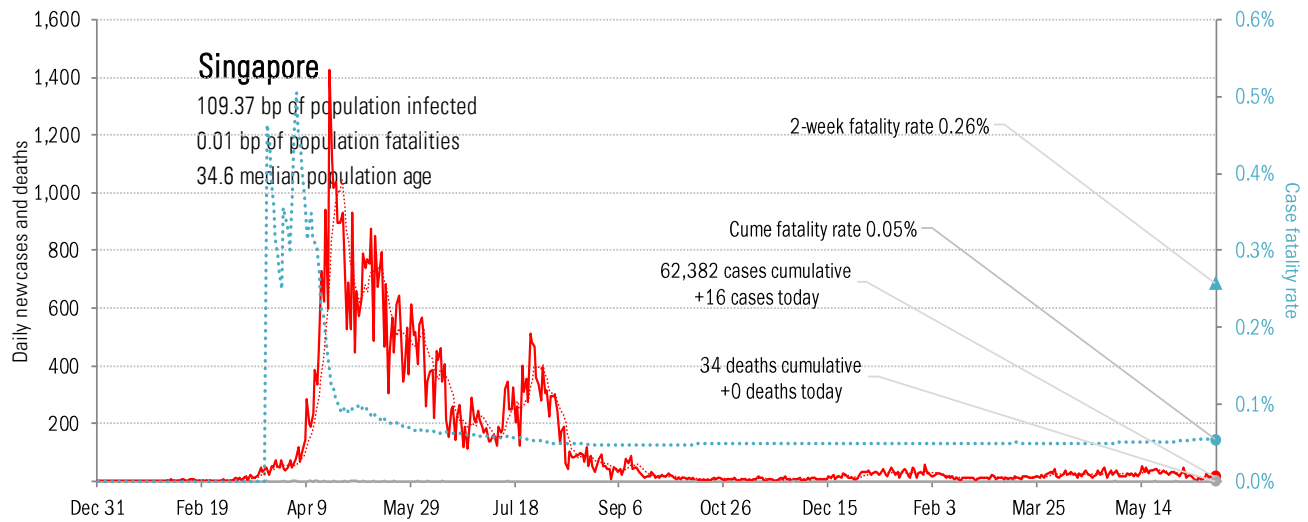
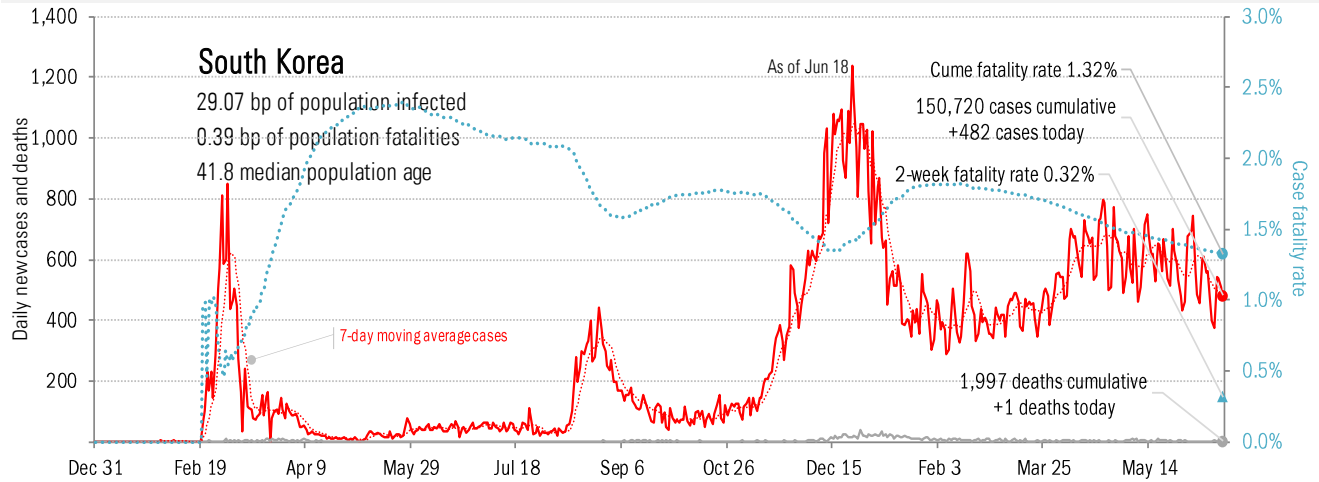


# Impact in continental Europe



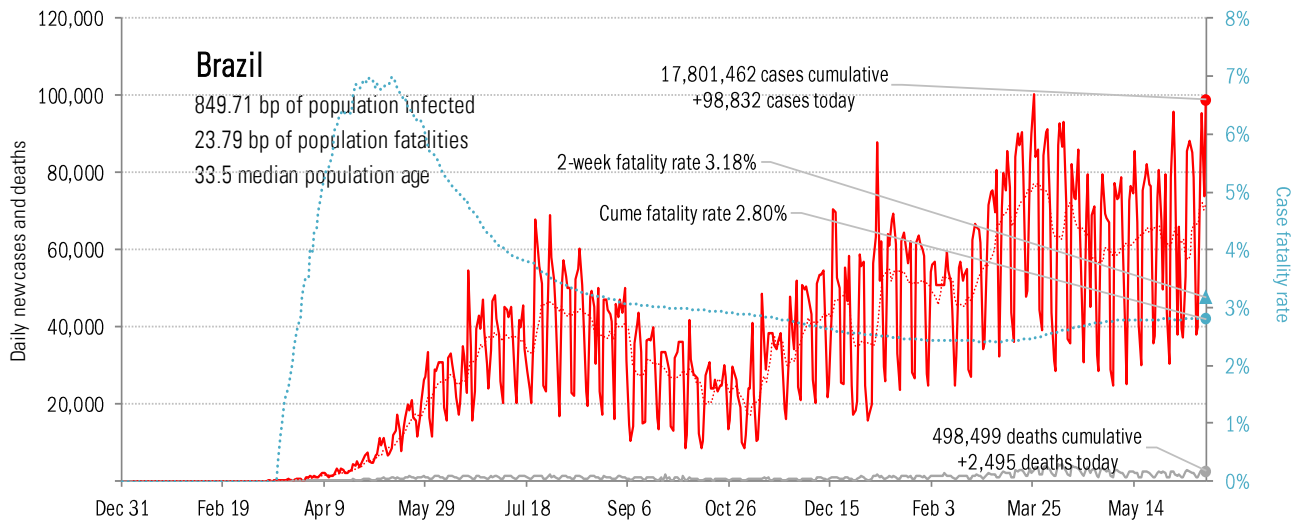
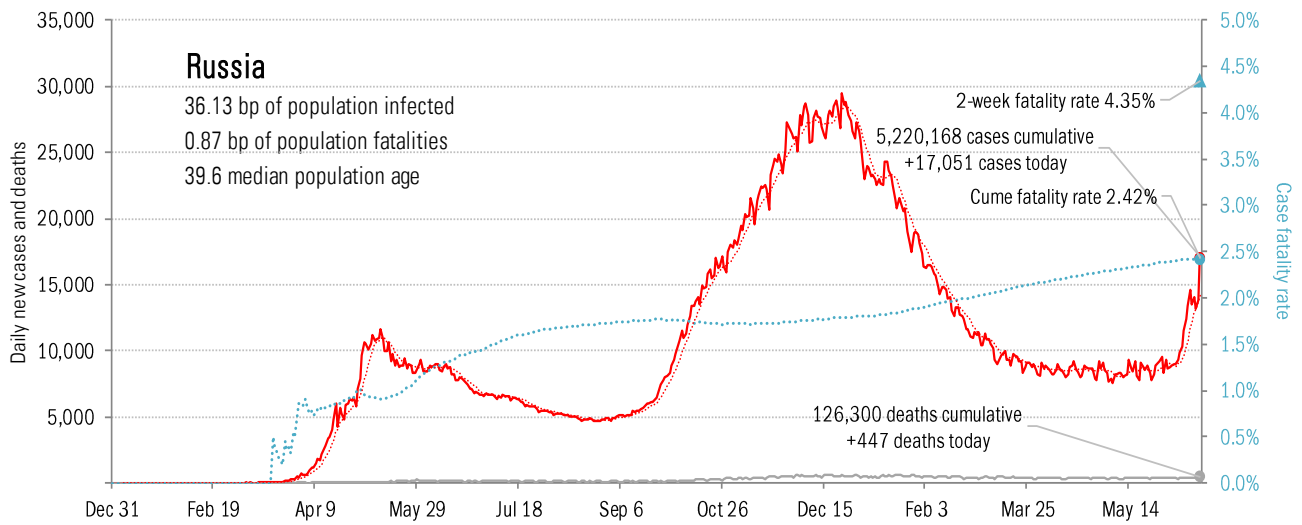
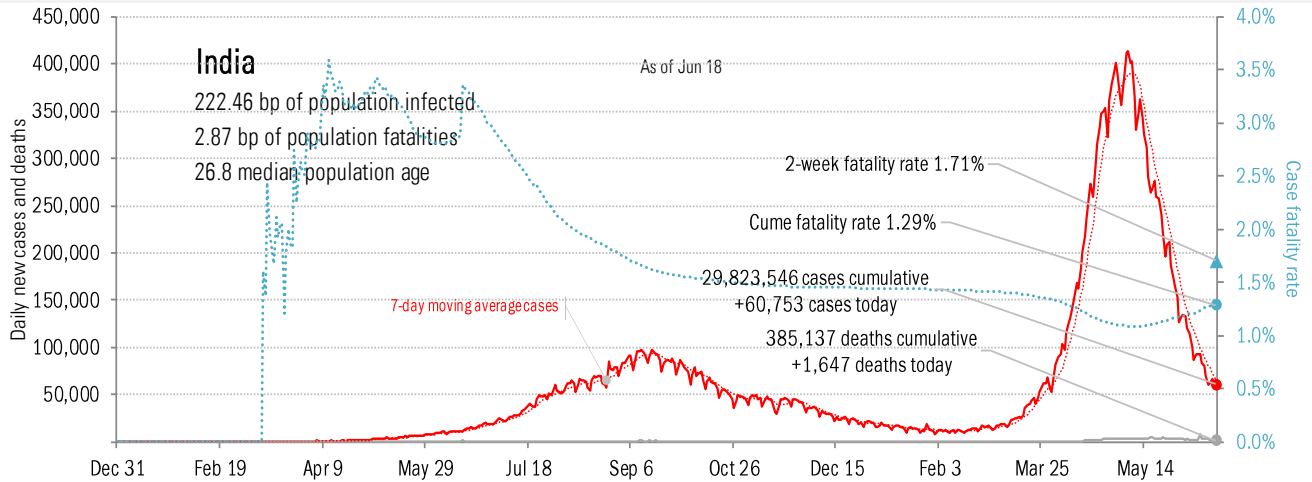
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in other hot-spots



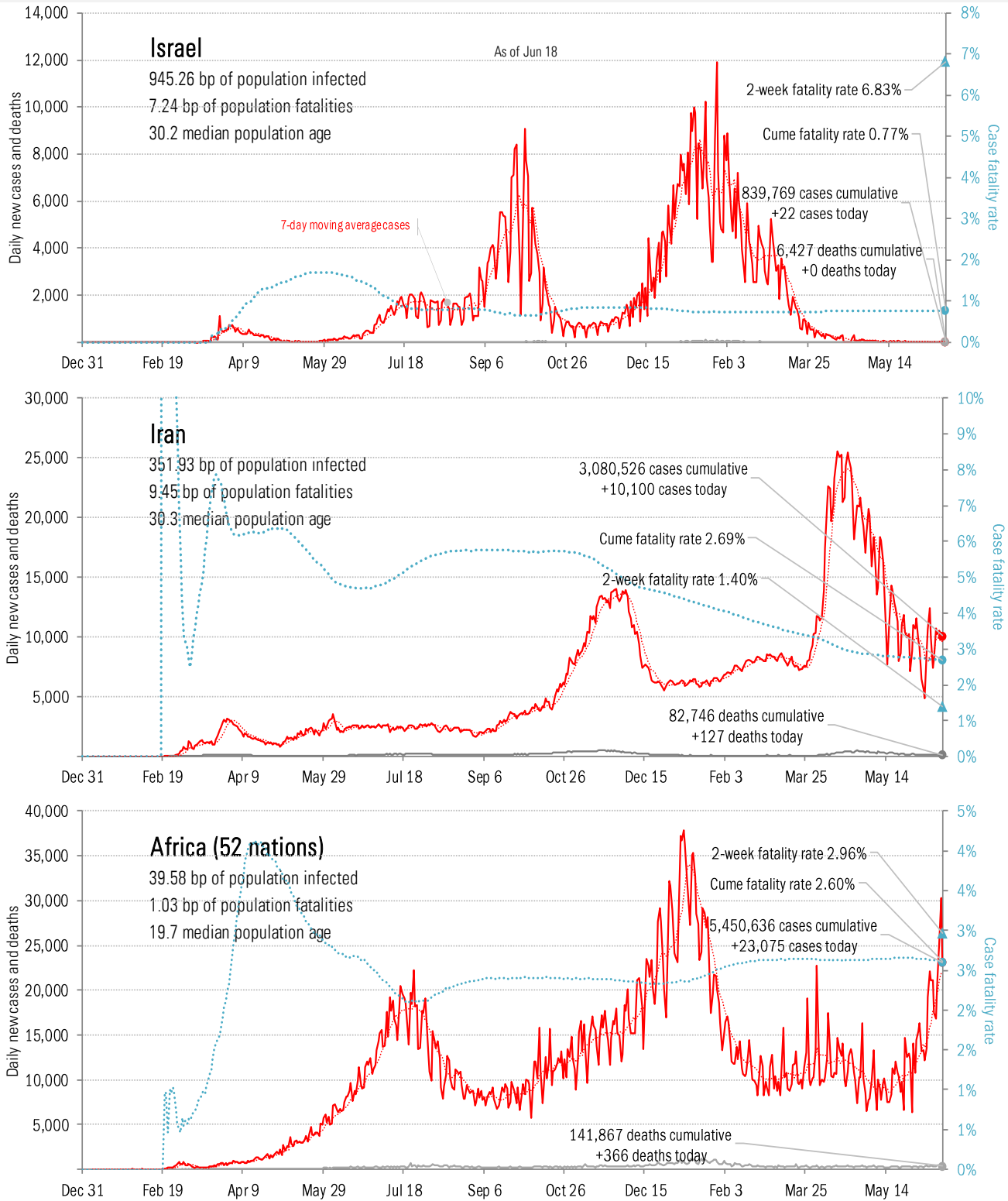
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the BRICs ex-China



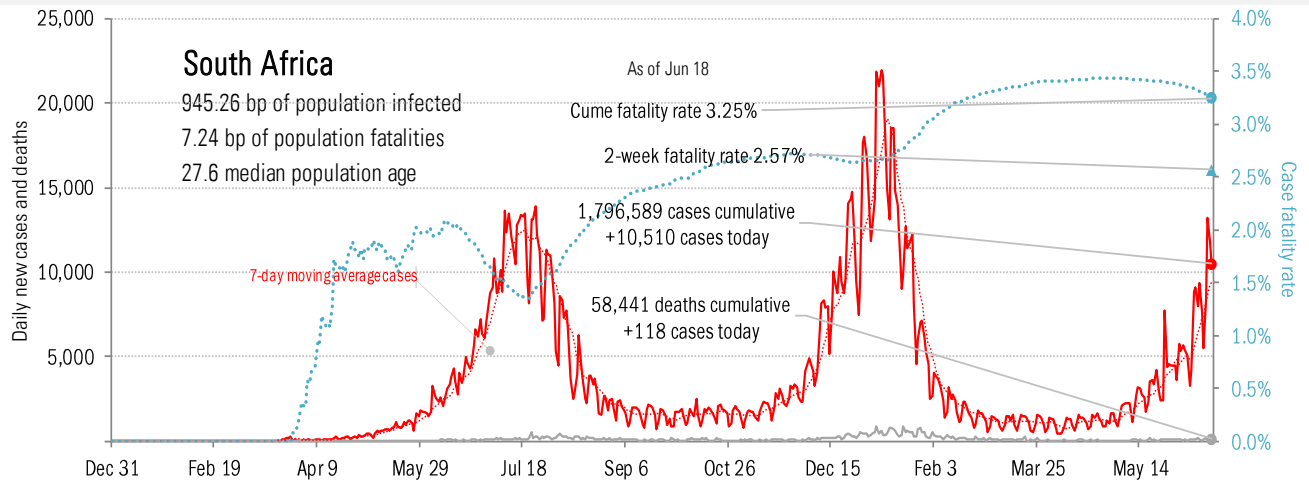
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the Middle East and Africa



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

## Impact in Africa, continued



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