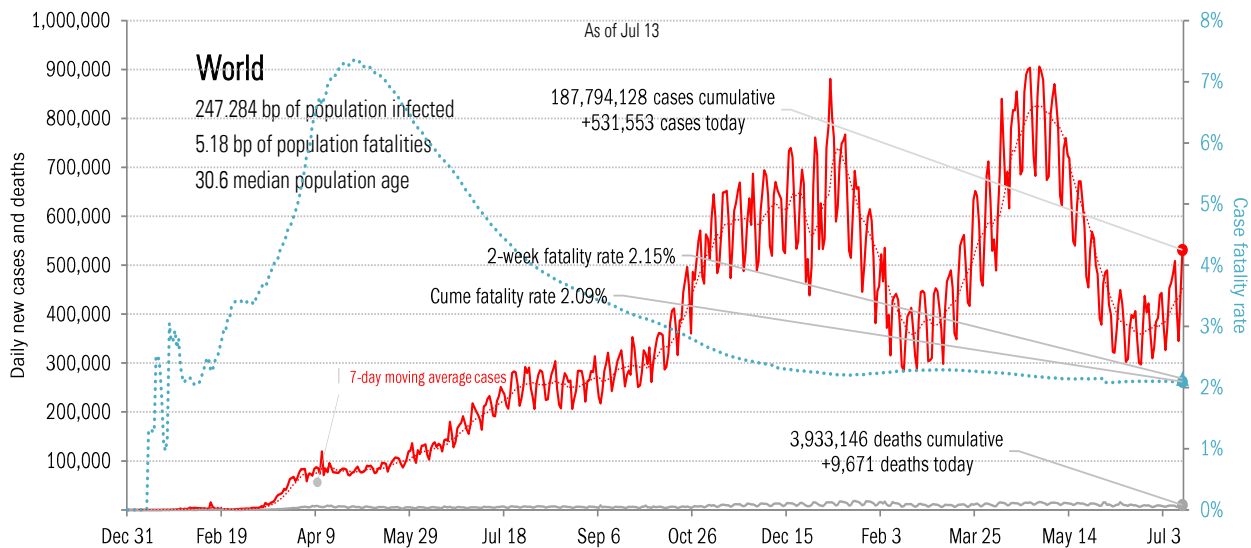
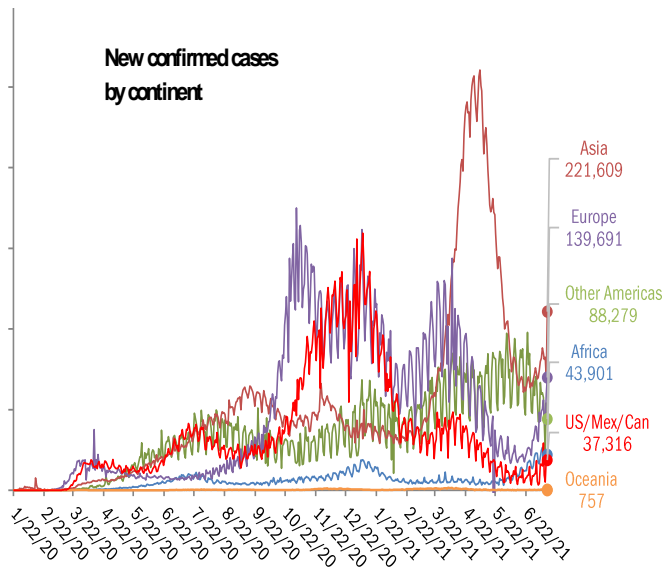


Data Insights: Covid-2019 Monitor

Wednesday, July 14, 2021

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+71,771	India	+2,642
Indonesia	+47,899	Brazil	+1,605
Brazil	+45,022	Indonesia	+864
Spain	+43,960	Russia	+767
United Kingdom	+36,500	South Africa	+633
United States	+25,919	Argentina	+385
Russia	+24,211	United States	+372
Iran	+22,750	Mexico	+219
Argentina	+20,023	Bangladesh	+203
South Africa	+12,535	Iran	+166
+350,590		+7,856	
World	+531,553	World	+9,671
Top ten	66%	Top ten	81%



Source: [Johns Hopkins](#), 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

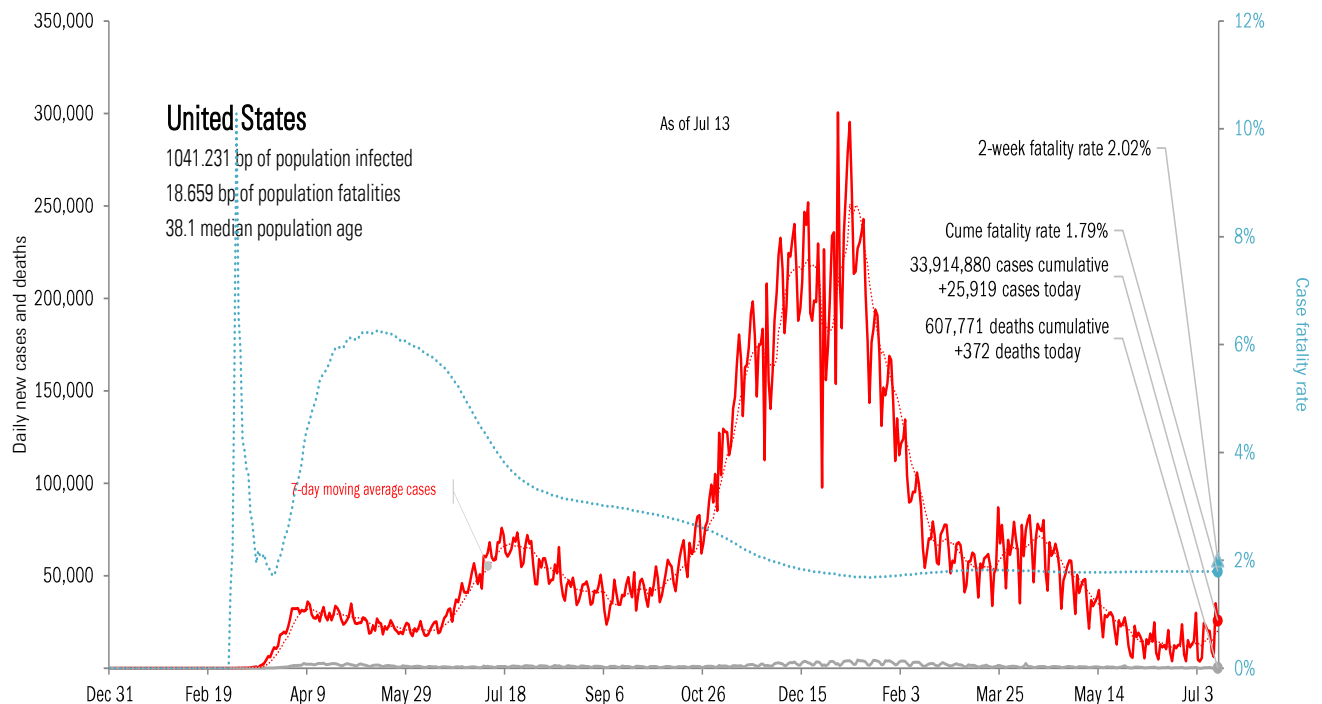
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	+4,929		MO	+52		FL	+186		CA	3,845,180		CA	63,984		TX	257,212		RI	86%	MO	23%
TX	+3,724		MI	+33		TX	+69		TX	3,024,610		NY	53,743		CA	242,568		MA	85%	AR	17%
FL	+3,392		CH	+31		GA	+58		FL	2,405,865		TX	52,690		FL	191,728		MD	83%	UT	16%
MO	+2,287		TX	+29		CA	+51		NY	2,121,761		FL	38,152		NY	137,112		MO	83%	NV	15%
AR	+1,476		GA	+26		AR	+37		IL	1,397,667		PA	27,759		GA	110,516		PA	82%	TX	10%
GA	+1,109		WA	+22		MS	+26		PA	1,219,161		NJ	26,516		PA	92,146		DC	80%	WY	10%
WA	+1,105		AZ	+20		IL	+25		GA	1,142,268		IL	25,769		CH	88,387		GA	80%	FL	10%
LA	+953		CA	+20		LA	+23		CH	1,114,835		GA	21,525		IL	83,152		MN	79%	OK	9%
NV	+855		FL	+18		NV	+19		NJ	1,026,649		MI	21,092		KY	78,941		NV	79%	ID	9%
MI	+743		AR	+15		CH	+17		NC	1,019,838		CH	20,411		MI	73,531		FL	78%	MS	9%
+20,573			+266			+511			18,317,834			351,641			1,355,293						
All states	+29,311		+390			+650			All states	33,914,880		607,771			2,415,106			All states	70%	67%	
Top ten	70%		68%			79%			Top ten	54%		58%			56%			Median	73%	5%	

Some states not reporting

Five most improved US states

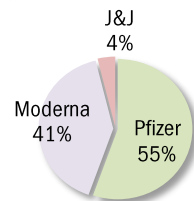
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
LA	-1,440	IL	-15	NY	-24	GA	+30 bp
NC	-1,323	CA	-12	MO	-23	NE	+20 bp
OK	-1,211	KS	-12	AZ	-17	WA	+20 bp
IL	-1,014	NC	-12	OR	-13	NH	+20 bp
SC	-853	SC	-10	WY	-12	AR	+10 bp



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	399,850,625				+0.236 million	US	47.7%	55.2%
Doses administered	344,766,672				+0.344 million	UK	51.6%	67.7%
Administered	One dose	% Pop	Immune	% pop	New immune today	France	38.3%	53.2%
Total population	189,275,059	57%	163,904,857	49%	+0.178 million	Spain	47.4%	60.4%
Age 12 to 17	9,489,266	38%	7,386,509	29%	+0.032 million	Germany	43.4%	58.5%
Age 18 to 64	129,396,884	64%	111,635,458	55%	+0.128 million	Italy	39.7%	59.6%
Age 65 and over	50,164,973	92%	44,754,243	82%	+0.017 million	Australia	9.4%	27.1%



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 **396 days** by Aug 14, 2022
 60.6% of population >18 immunized
 11.6% previously tested positive
72.1% vs 60% adult herd immunity*

Global data differs from sources, timing

AK
61.5%
50.5%
44.6%

ME
73.6%
67.2%
62.6%

WI	VT	NH								
56.0%	78.9%	72.8%								
54.4%	74.6%	63.6%								
50.8%	66.5%	57.4%								
WA	ID	MT	ND	MN	IL	MI	NY	MA		
65.8%	50.6%	55.7%	50.0%	61.6%	62.0%	61.9%	65.8%	74.5%		
62.5%	40.1%	48.3%	44.4%	57.6%	60.5%	52.1%	61.2%	71.3%		
56.1%	36.7%	43.6%	39.4%	52.8%	47.3%	47.9%	55.5%	62.7%		
OR	NV	WY	SD	IA	IN	OH	PA	NJ	CT	RI
71.1%	54.1%	47.9%	58.3%	58.6%	53.5%	56.4%	66.1%	69.5%	70.6%	75.1%
59.5%	51.1%	40.4%	51.2%	52.0%	45.9%	48.8%	63.8%	64.0%	68.1%	65.5%
54.8%	43.0%	35.8%	46.1%	48.7%	43.2%	45.6%	50.8%	56.5%	61.9%	60.0%
CA	UT	CO	NE	MO	KY	WV	VA	MD	DE	
66.2%	53.8%	64.7%	57.4%	53.2%	53.7%	56.6%	64.8%	74.7%	70.1%	
62.7%	49.6%	58.8%	52.4%	46.0%	50.3%	45.7%	60.0%	63.0%	59.1%	
51.2%	38.2%	53.1%	48.5%	39.8%	44.4%	38.7%	53.1%	57.3%	51.3%	
AZ	NM	KS	AR	TN	NC	SC	DC			
59.6%	60.5%	56.7%	50.7%	49.9%	59.5%	55.2%	79.9%			
51.4%	63.8%	49.9%	43.1%	43.0%	49.5%	45.1%	62.4%			
44.1%	55.7%	42.7%	35.0%	38.1%	42.7%	39.6%	53.5%			
OK	LA	MS	AL	GA						
54.1%	46.8%	48.1%	52.7%	56.2%						
45.7%	39.3%	37.3%	40.8%	44.3%						
39.2%	35.8%	33.5%	33.4%	37.4%						
HI	TX	FL	PR							
72.0%	58.9%	62.8%	69.3%							
70.4%	49.3%	55.0%	66.5%							
52.7%	42.3%	47.1%	57.7%							

As of Jul 14

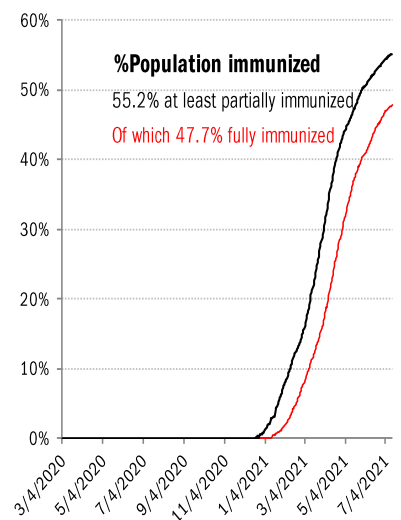
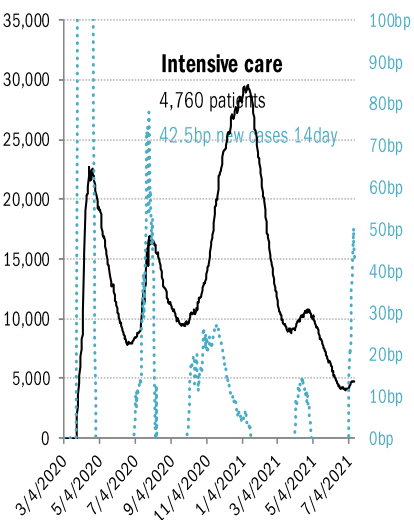
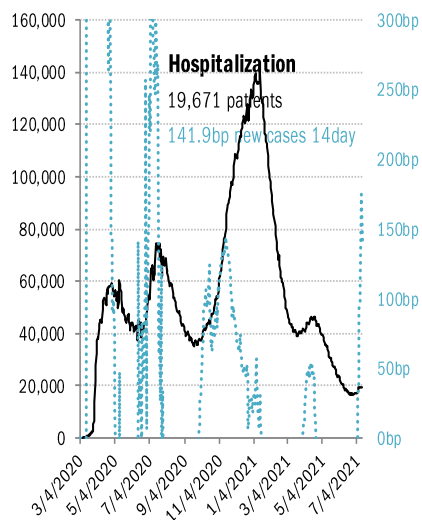
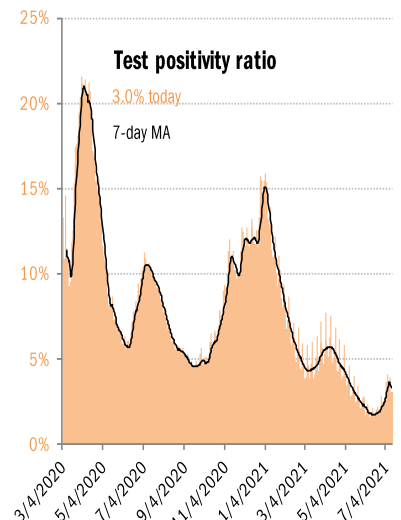
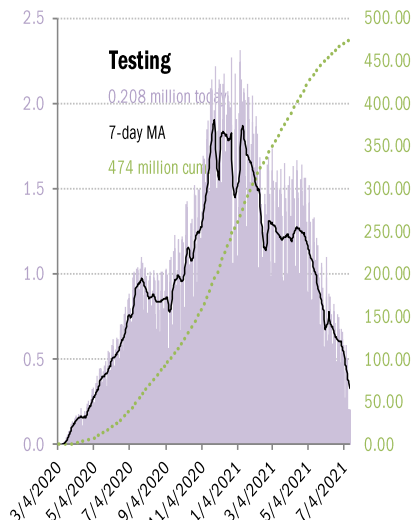
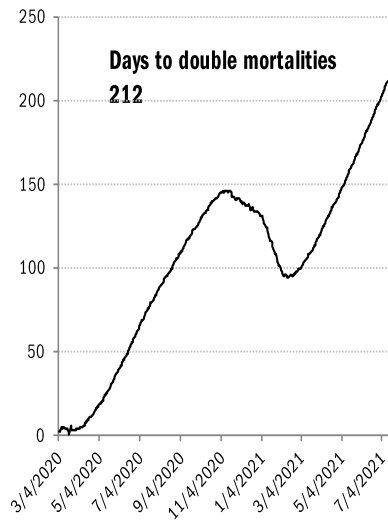
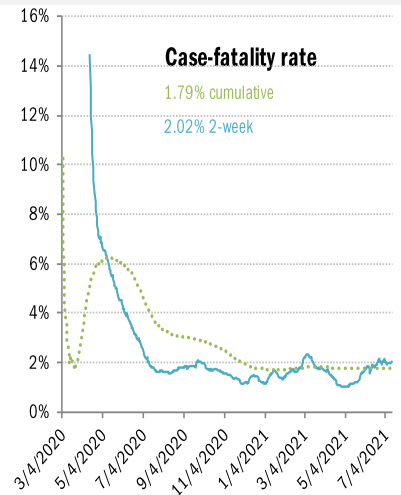
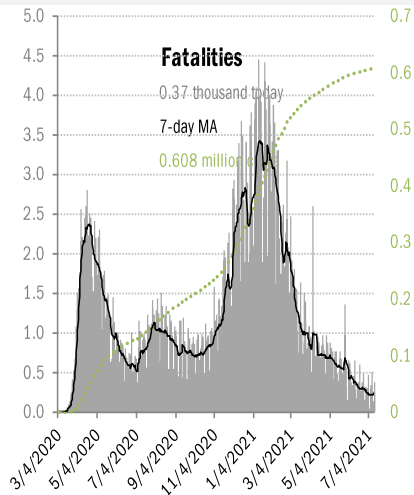
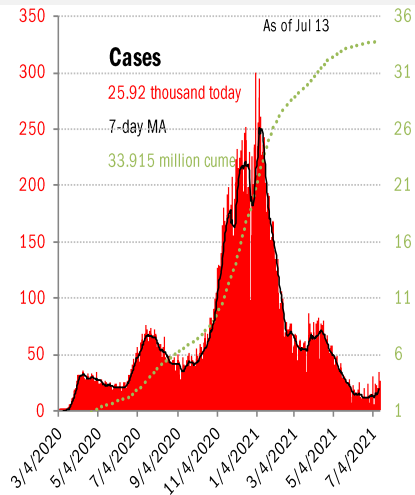
* Includes persons >18 fully immunized or previously tested positive, no overlap. Disregards untested positives, natural immunities.

** 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

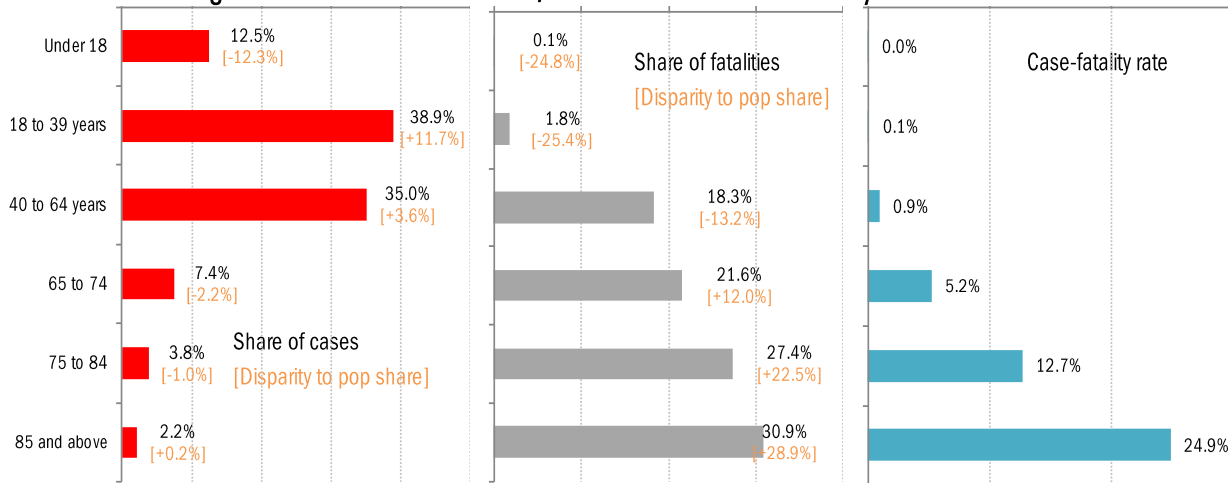
US deep-dive

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

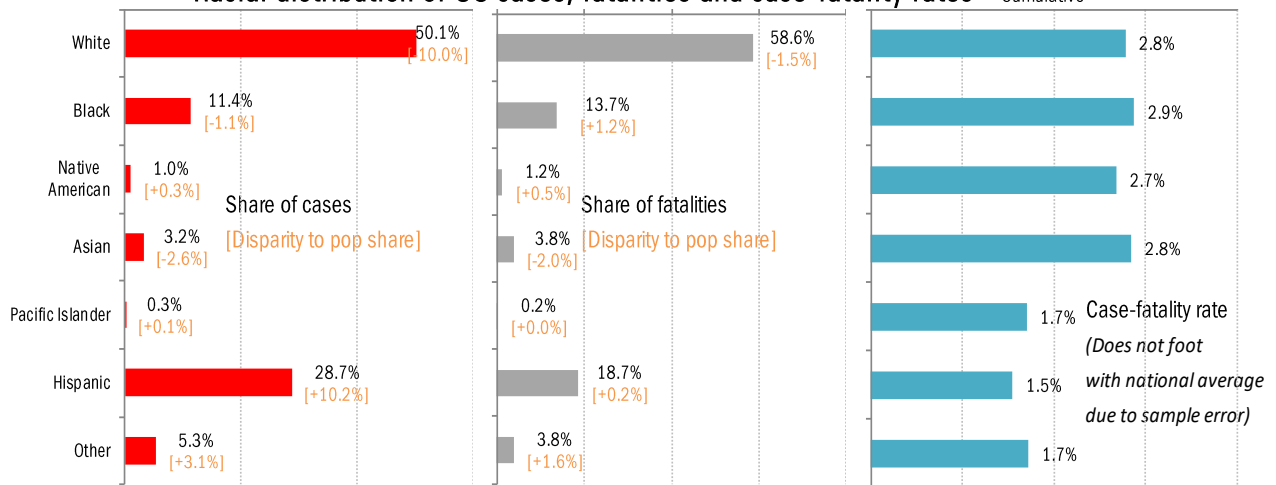


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

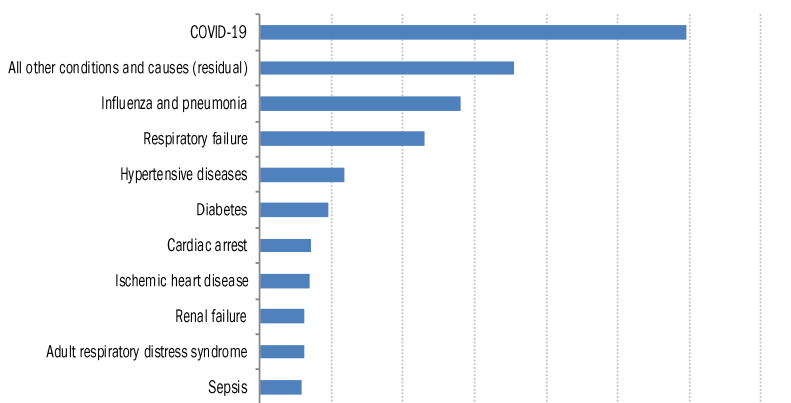


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Jul 4

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

[Updated CDC Guidance Relaxing Mask Requirements for Some Students, But Not Others, Puts School Districts in Tough Spot](#)

Linda Jacobson

The 74

July 13, 2021

[‘Potentially a death sentence’: White House goes off on vaccine fearmongers](#)

Natasha Korecki and Eugene Daniels

Politico

July 12, 2021

[French President Sets Stricter Health Rules; Cannes Festival Unaffected by New Orders](#)

Elsa Keslassy

Variety

July 12, 2021

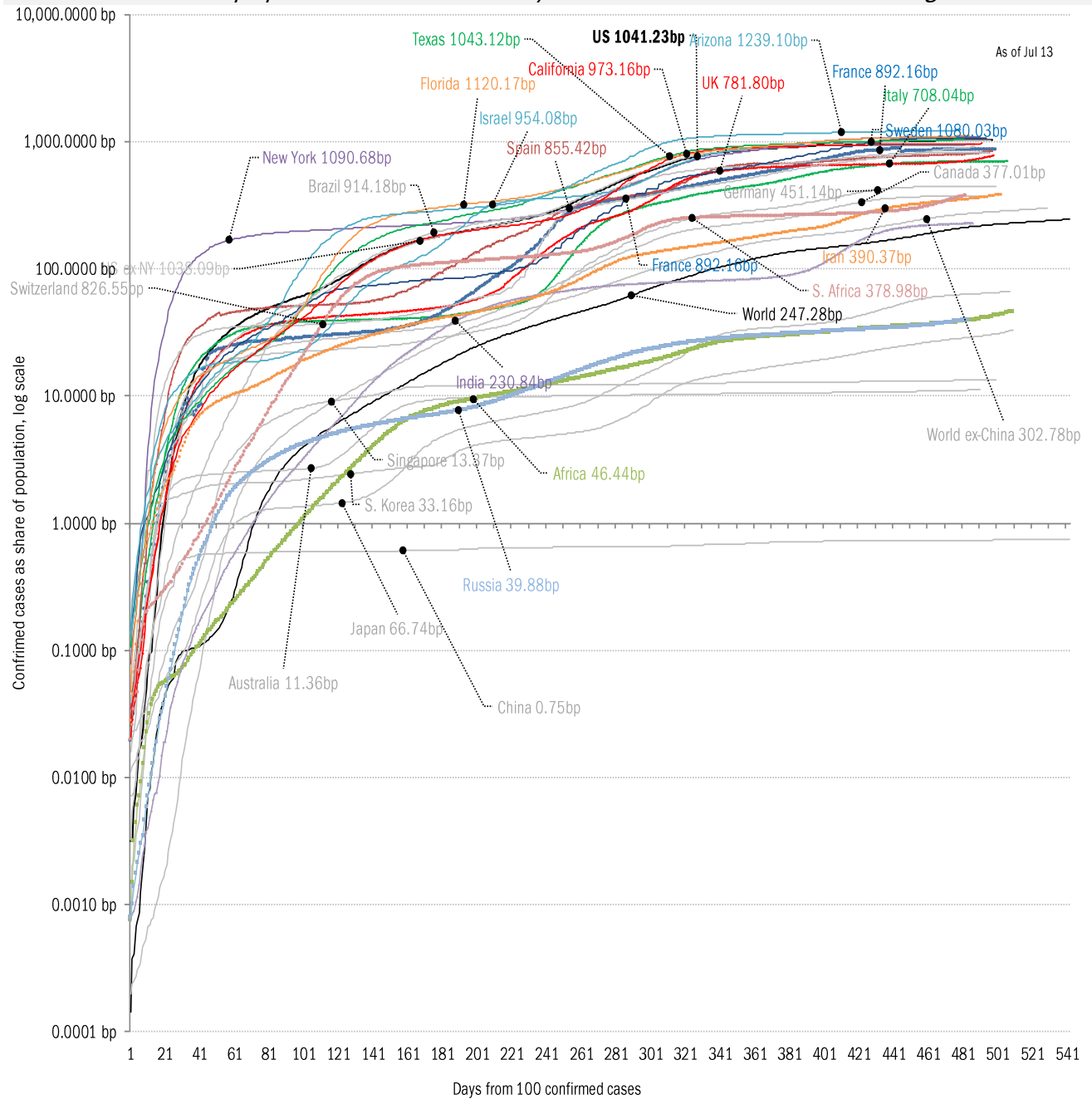
Meme of the day



**Biden, Psaki To Go Door To Door On Bikes
Asking If You Have A Moment To Talk About
Getting Vaccinated**

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

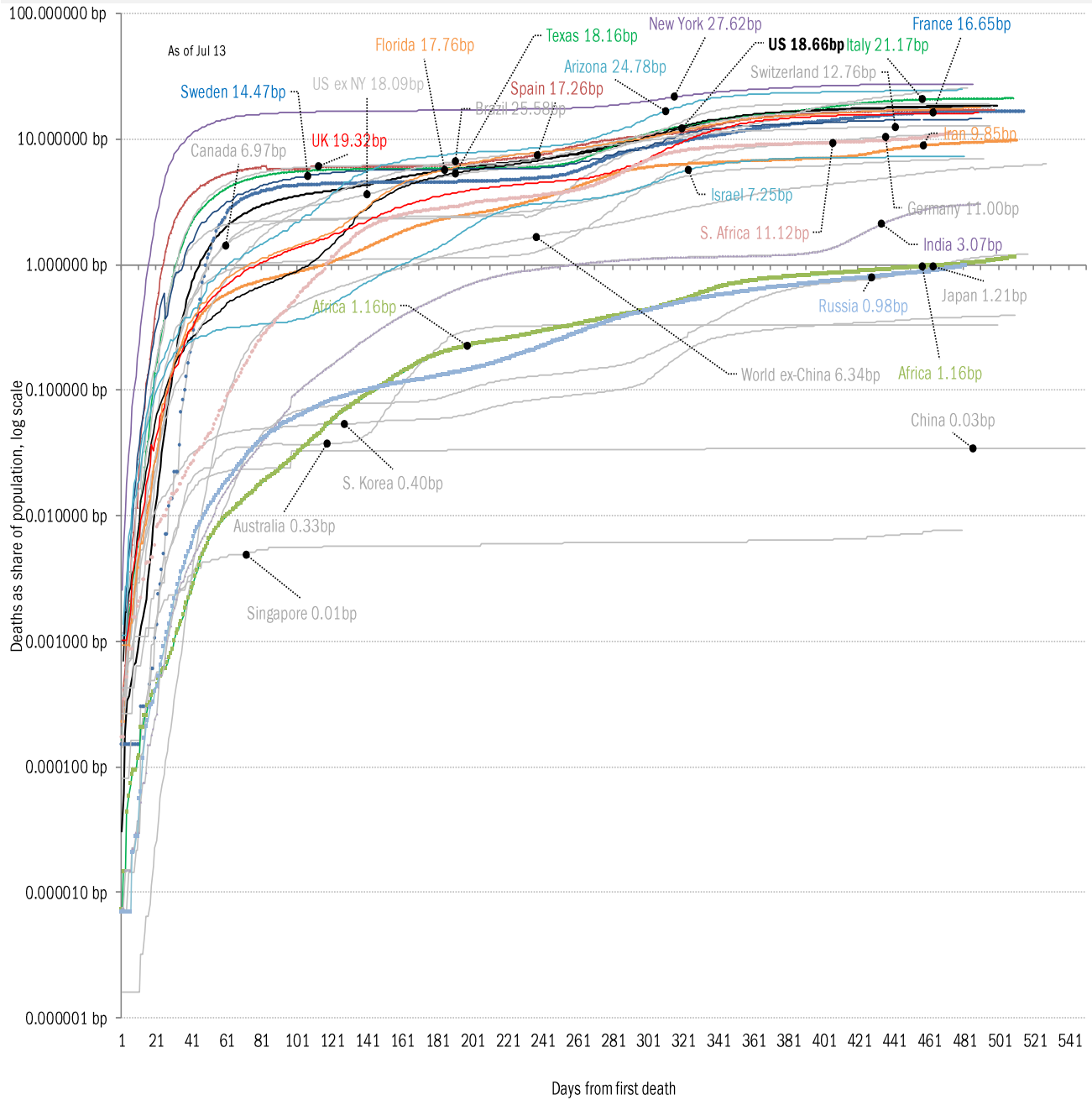
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

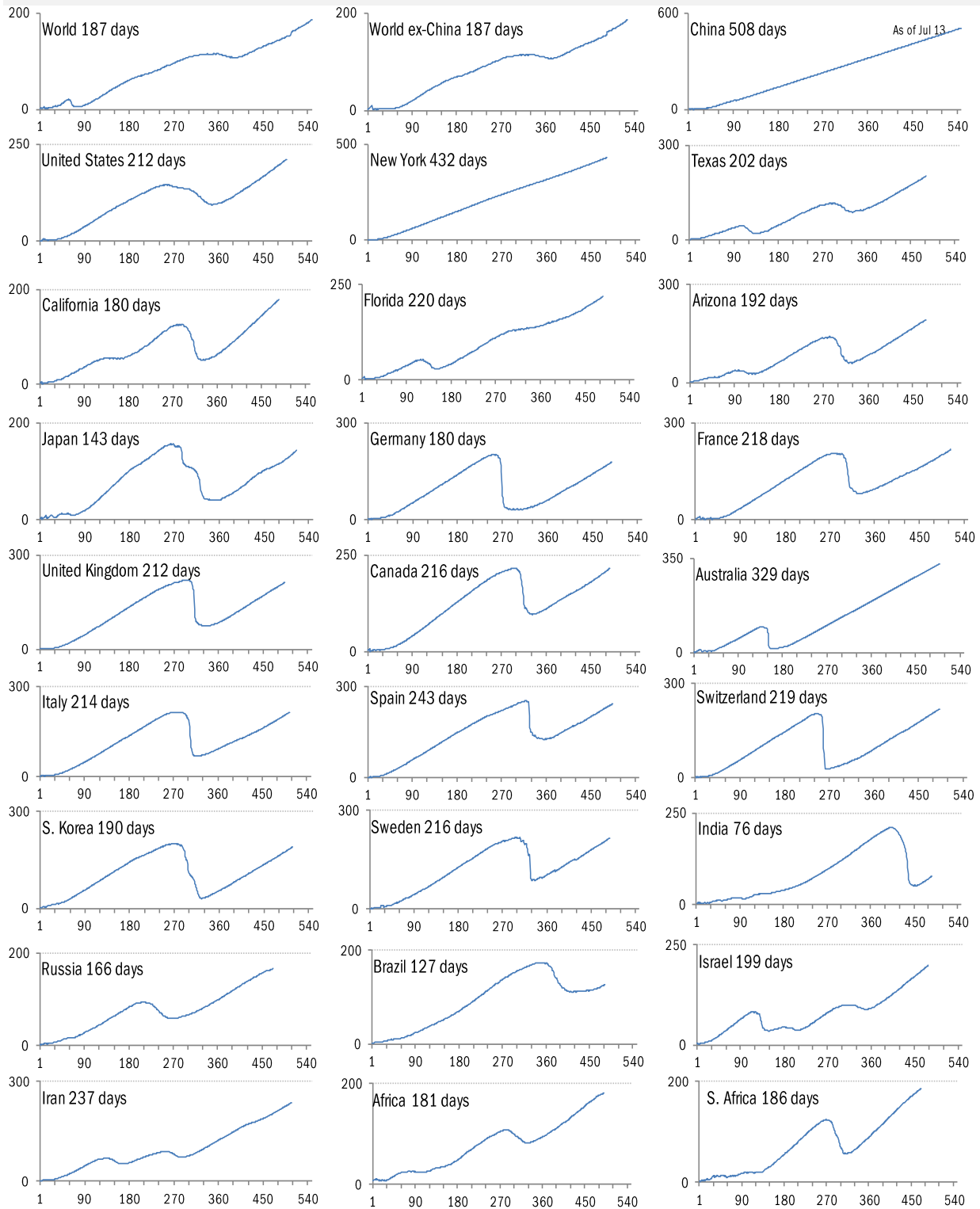


Source: [Johns Hopkins](#), TrendMacro calculations

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

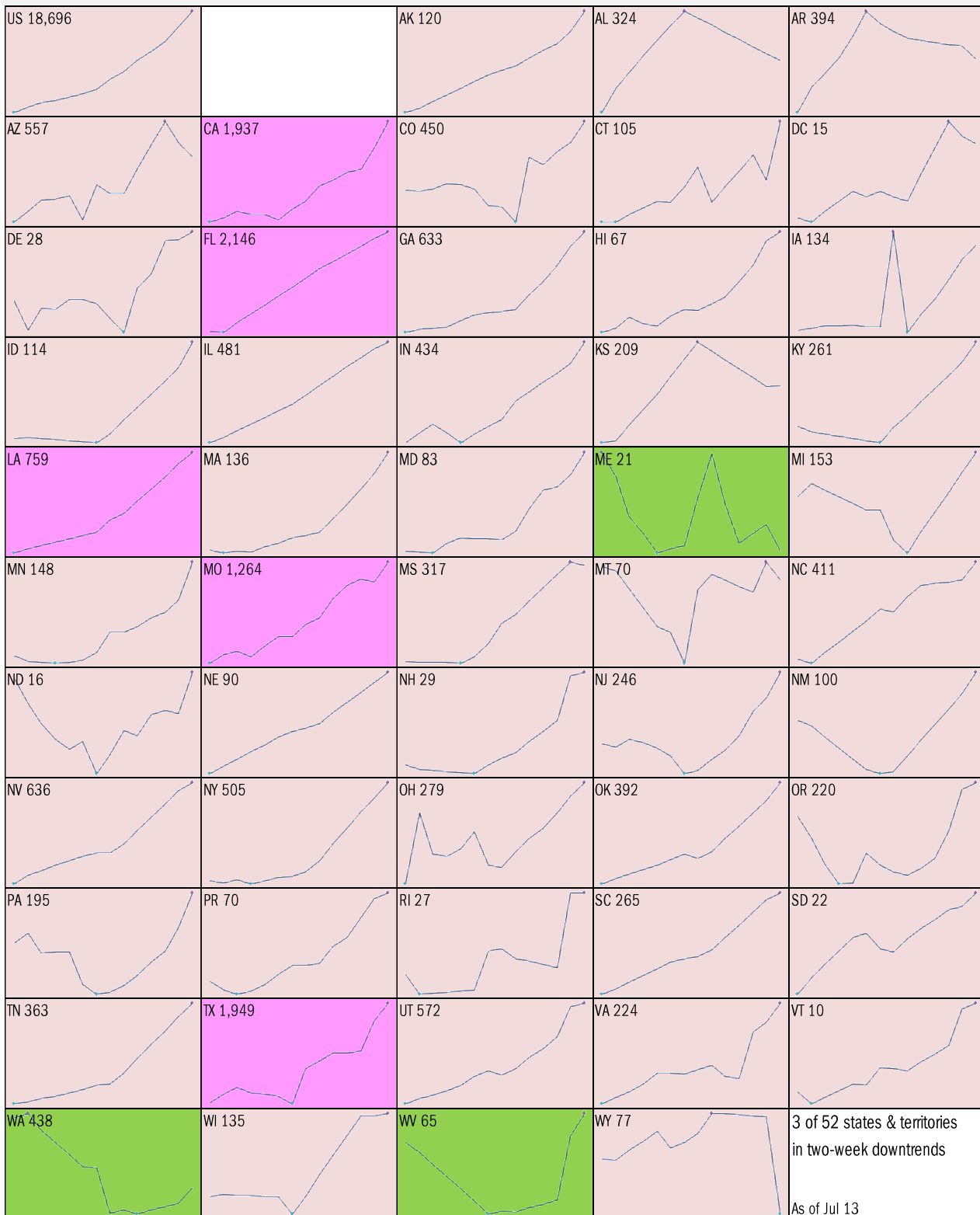
Vertical: days to double deaths Horizontal: days from first death

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

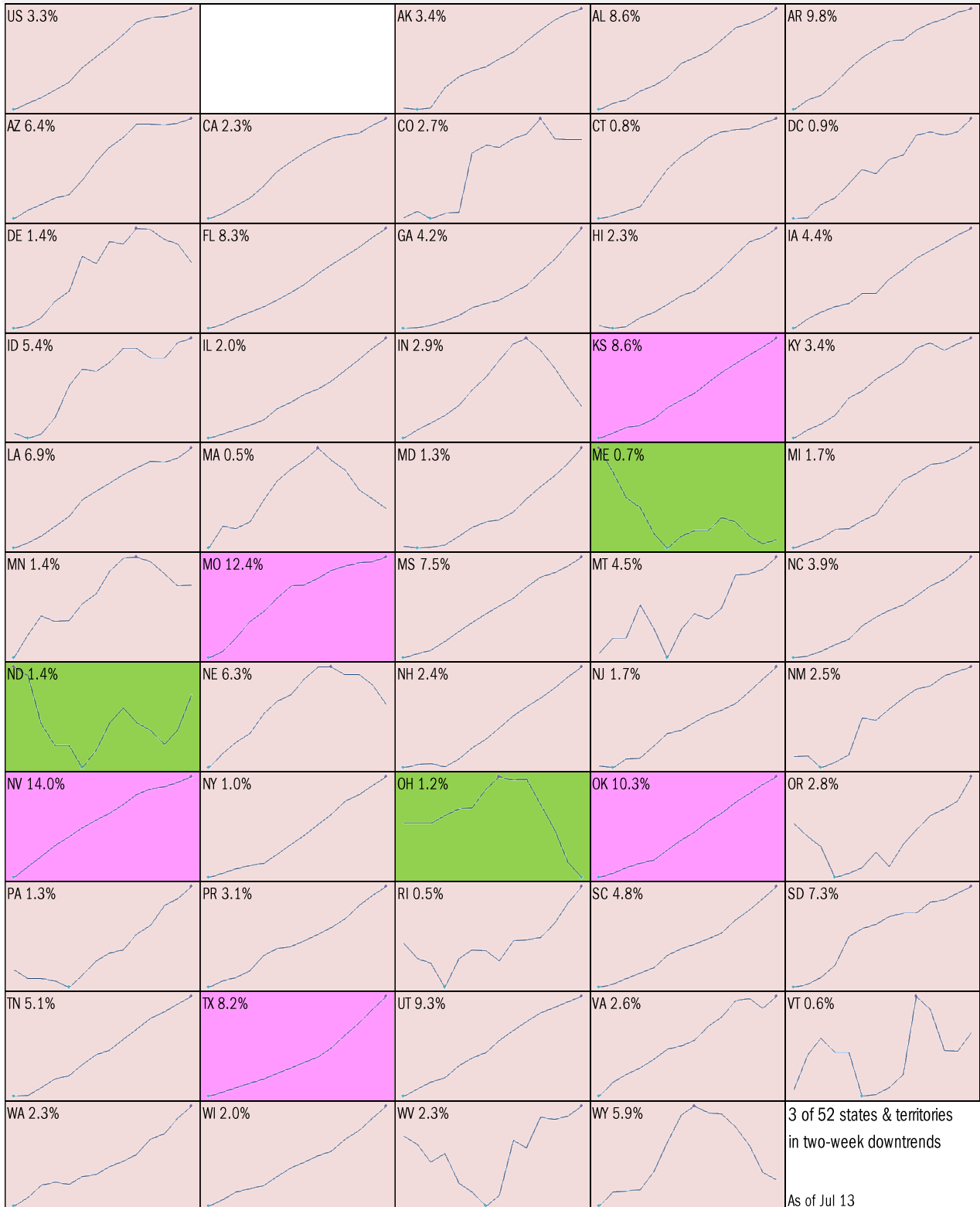


Source: [Johns Hopkins](#), TrendMacro calculations

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

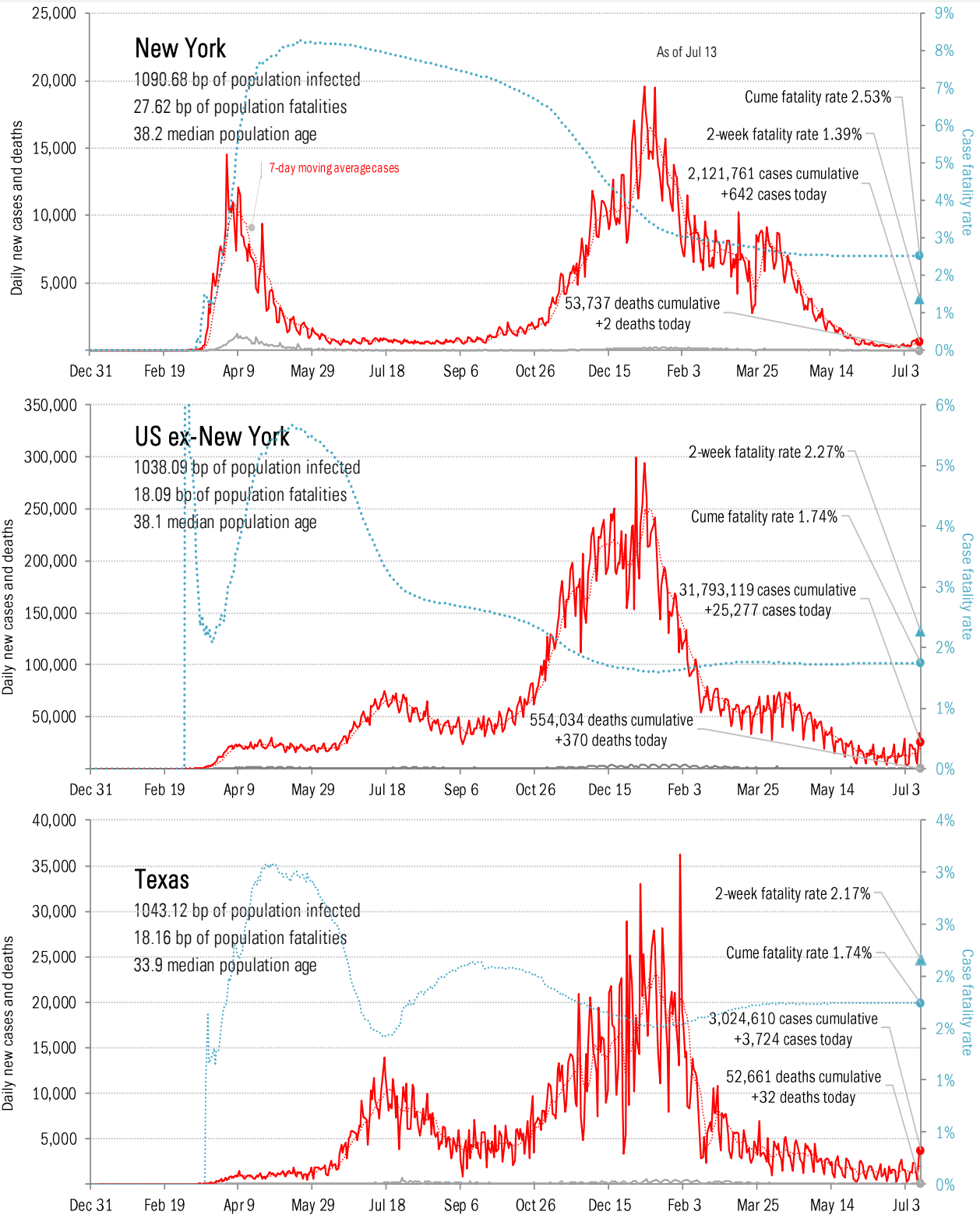
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



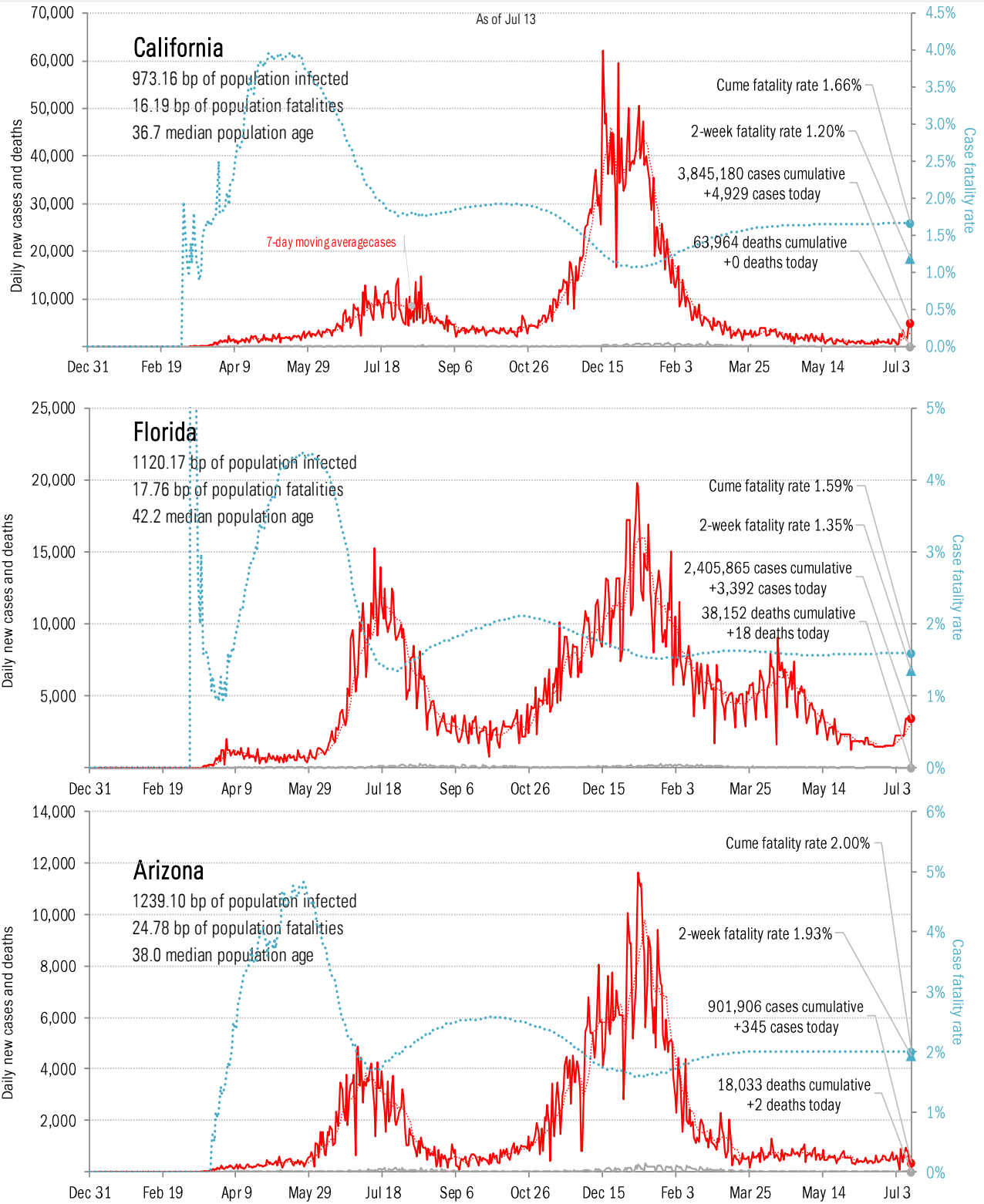
Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande



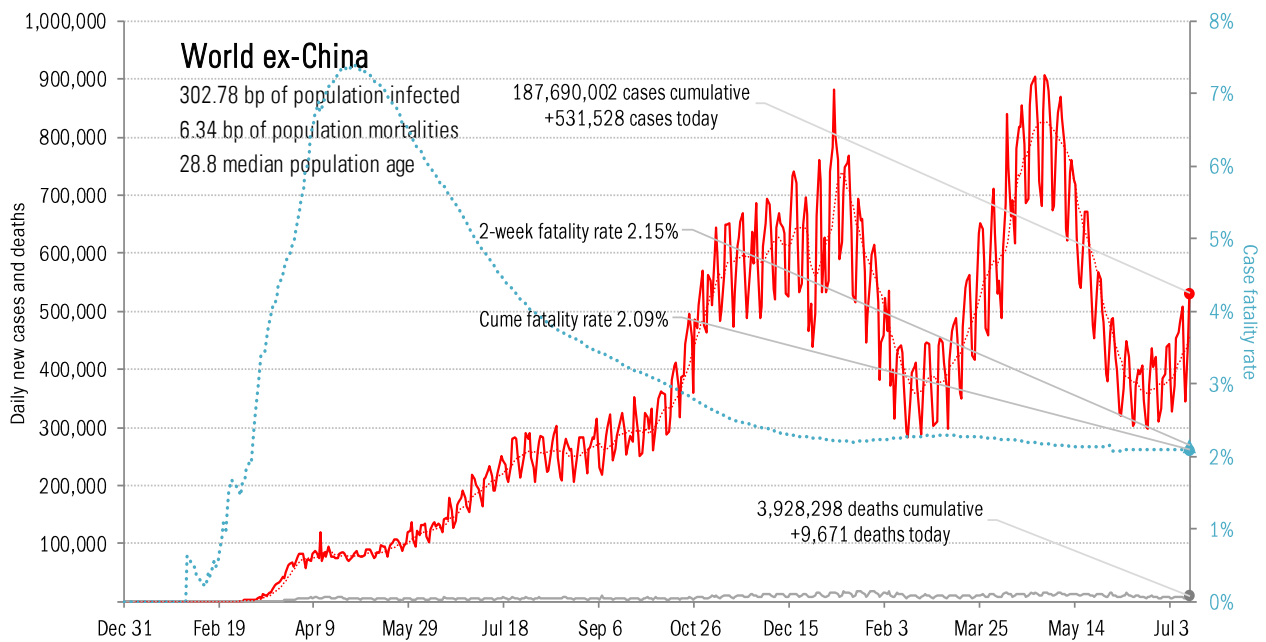
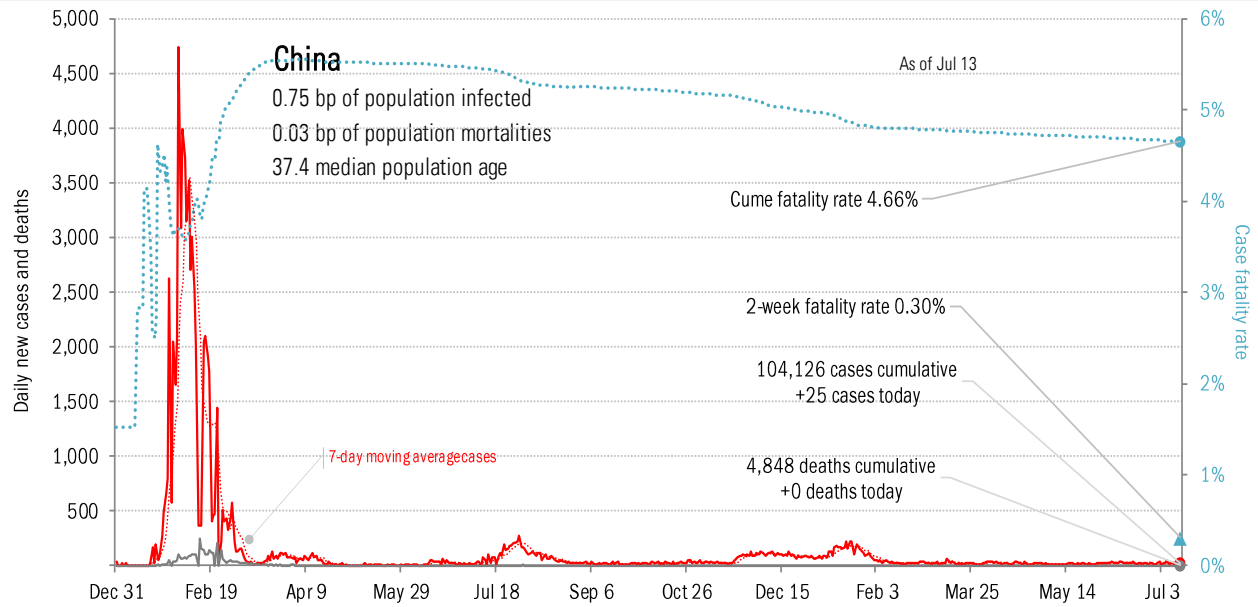
Source: [Johns Hopkins](#), TrendMacro calculations

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



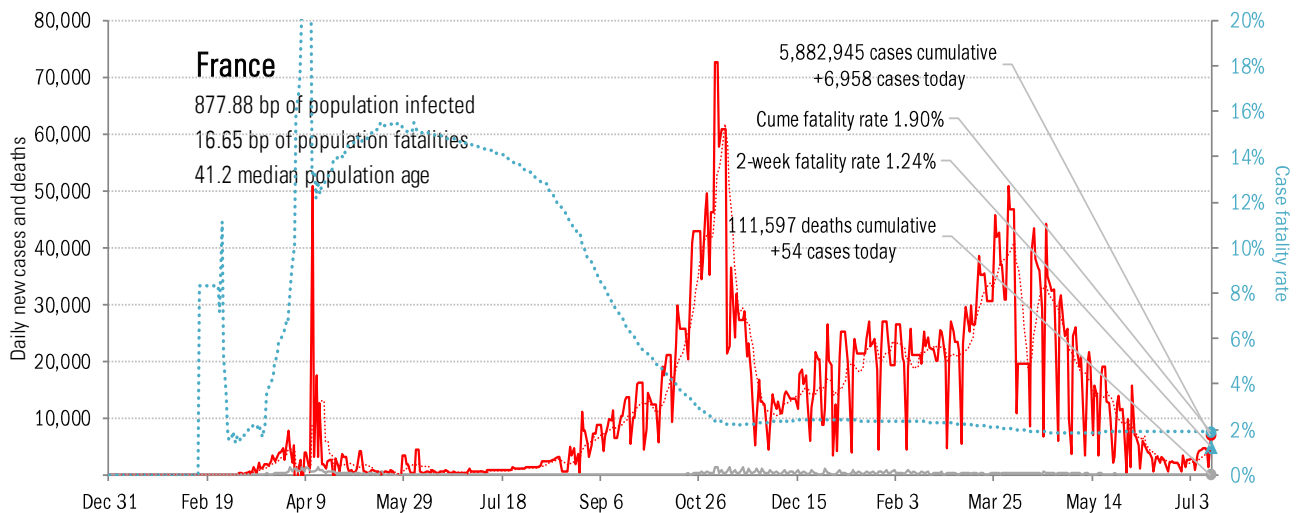
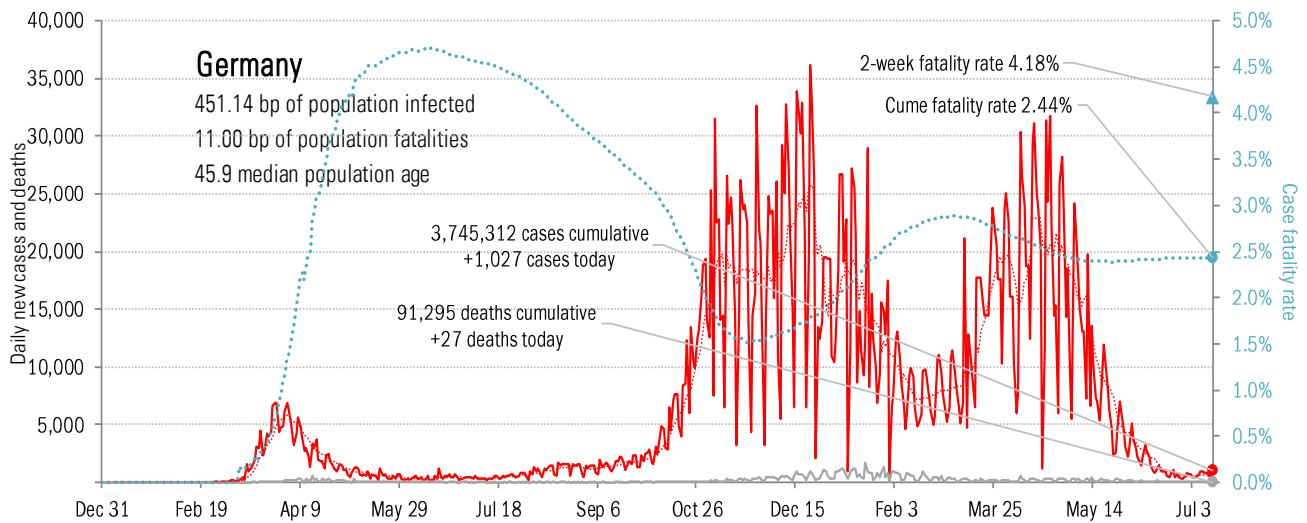
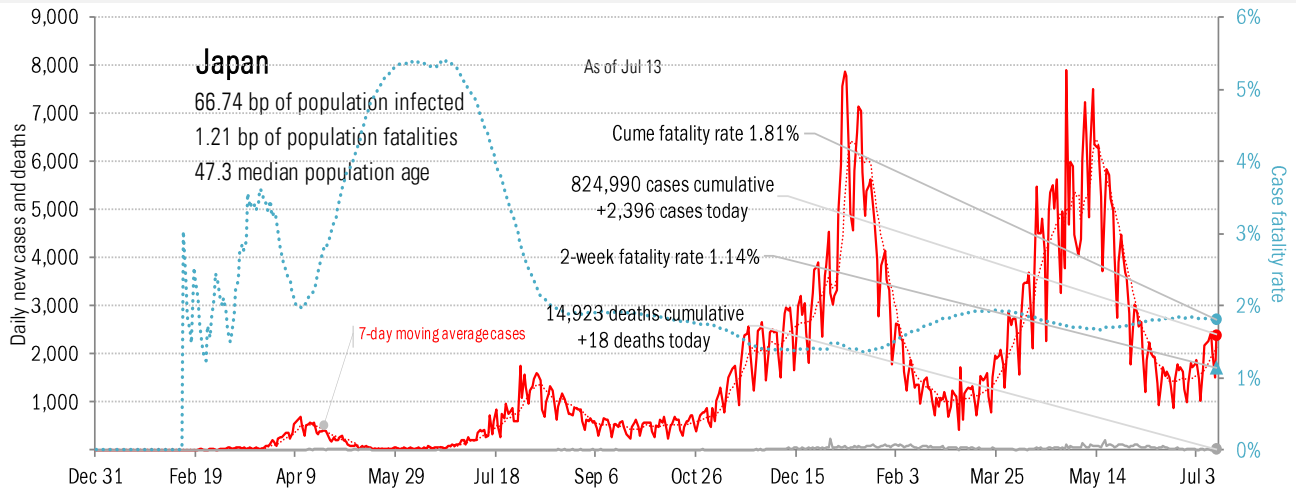
Source: [Johns Hopkins](#), TrendMacro calculations

Patient zero... and then everyone else



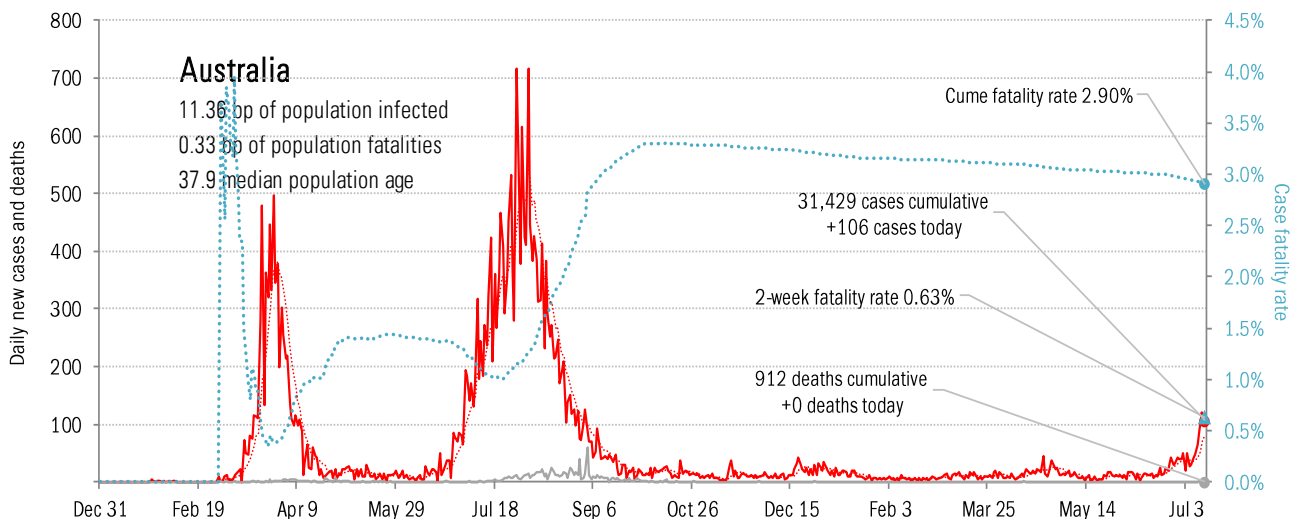
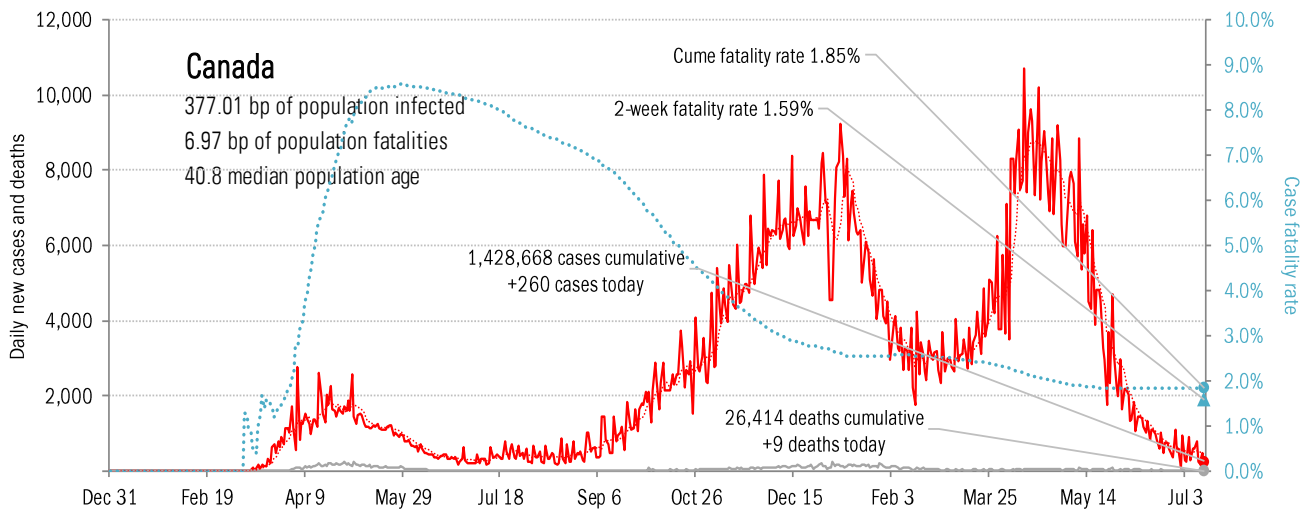
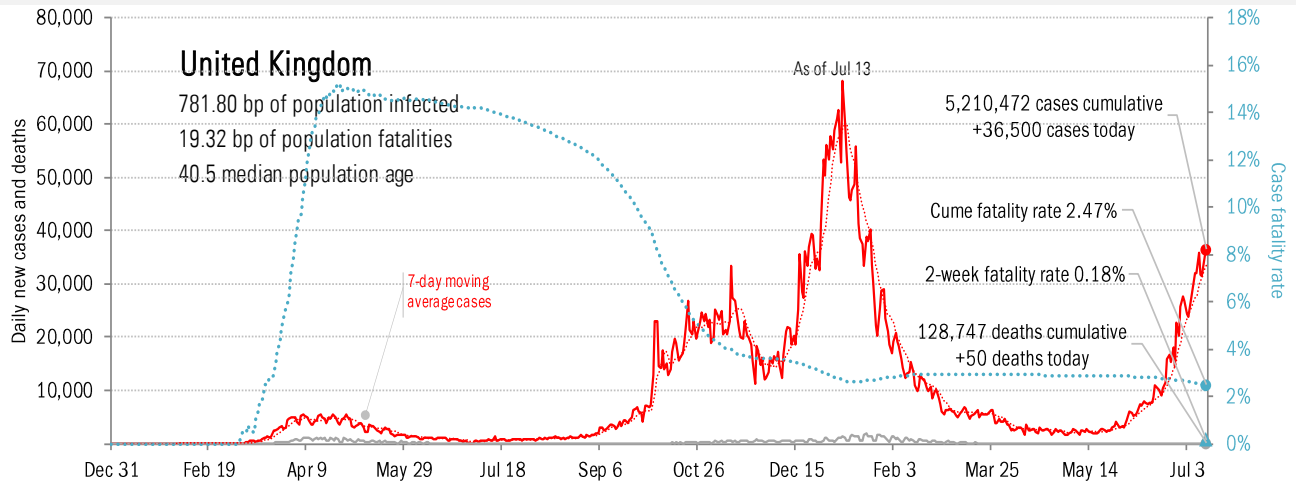
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the largest economies



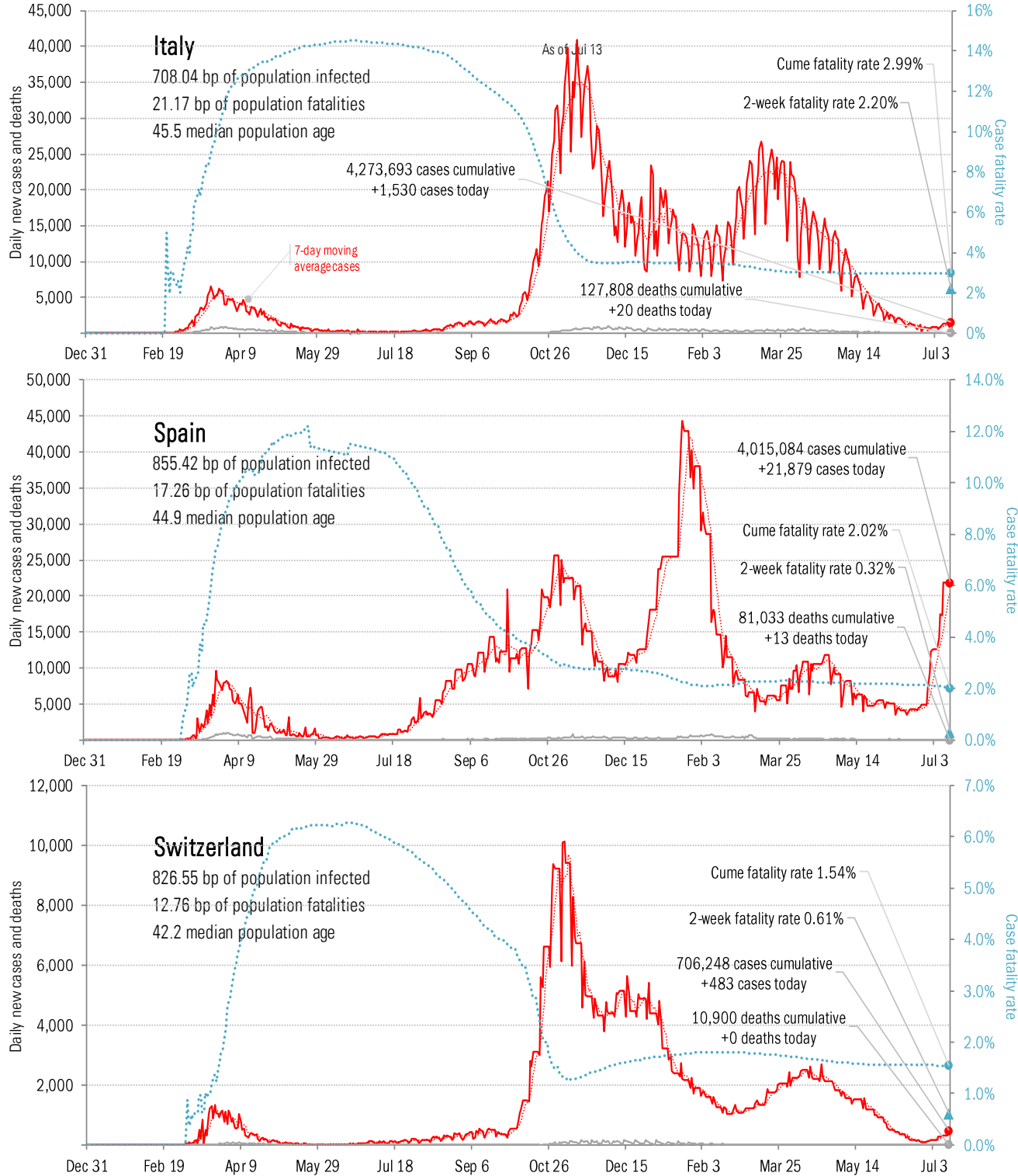
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



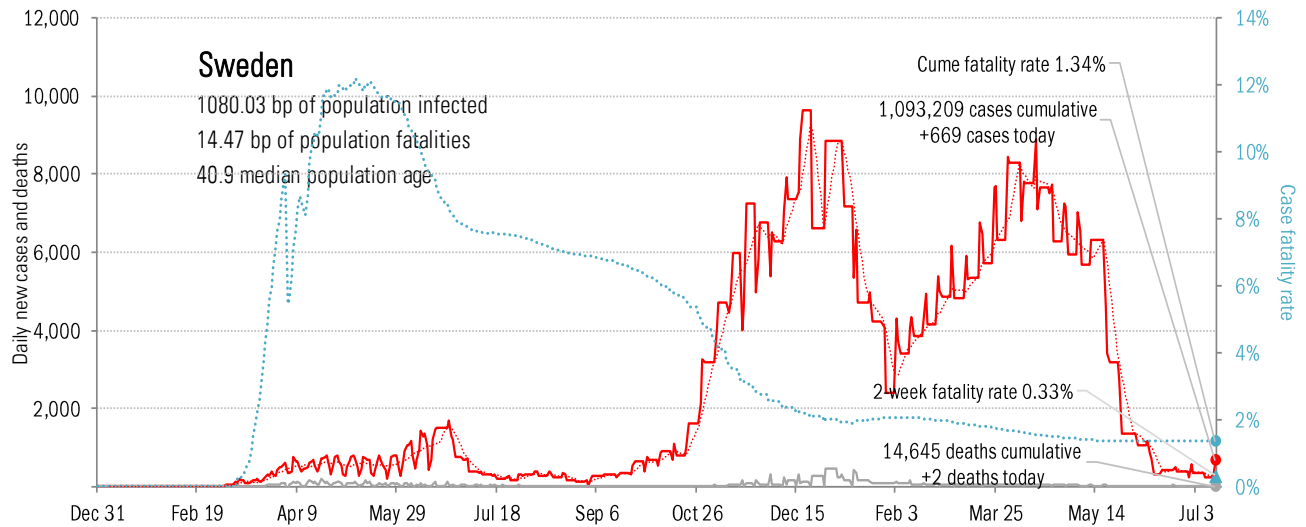
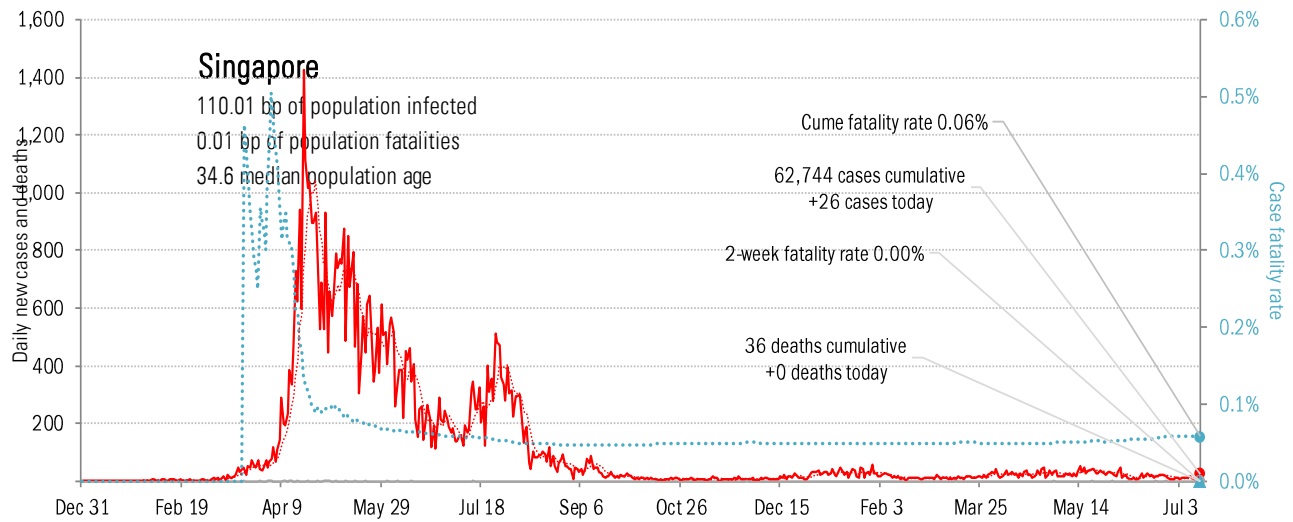
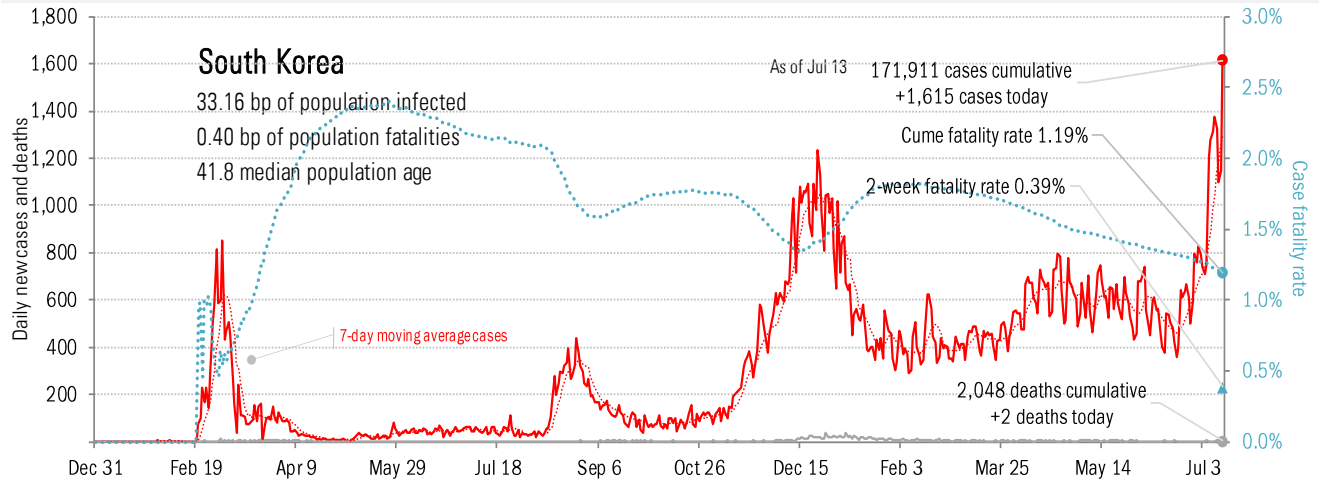
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



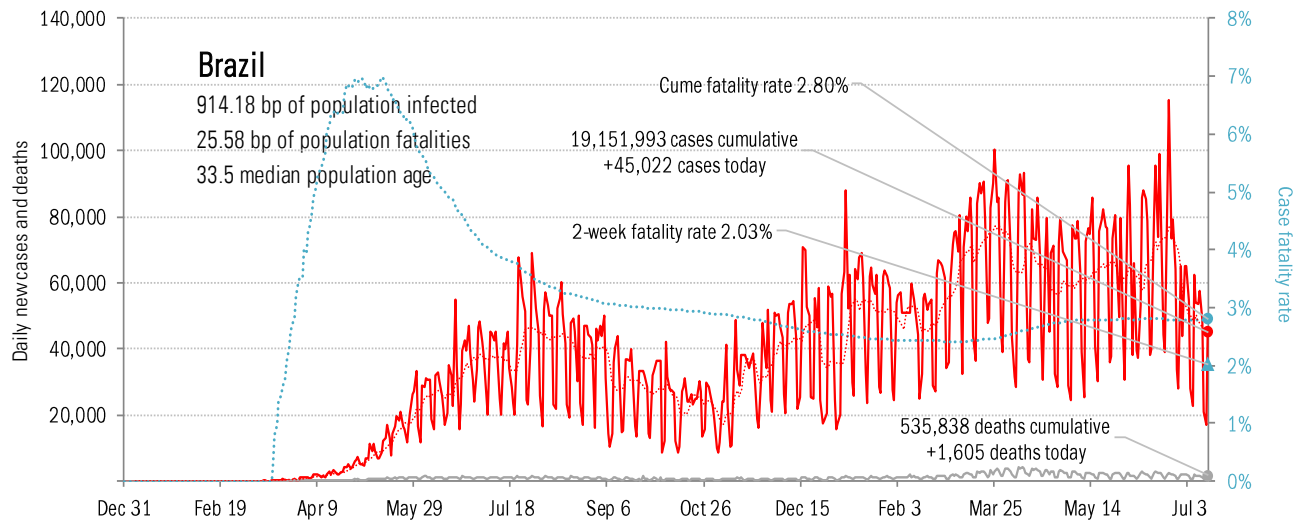
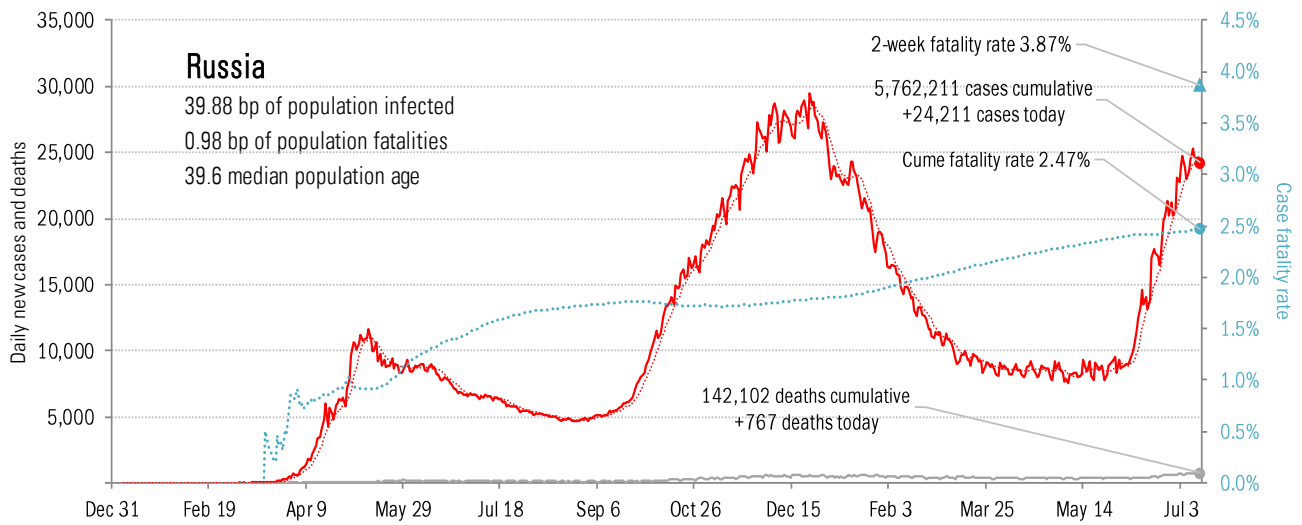
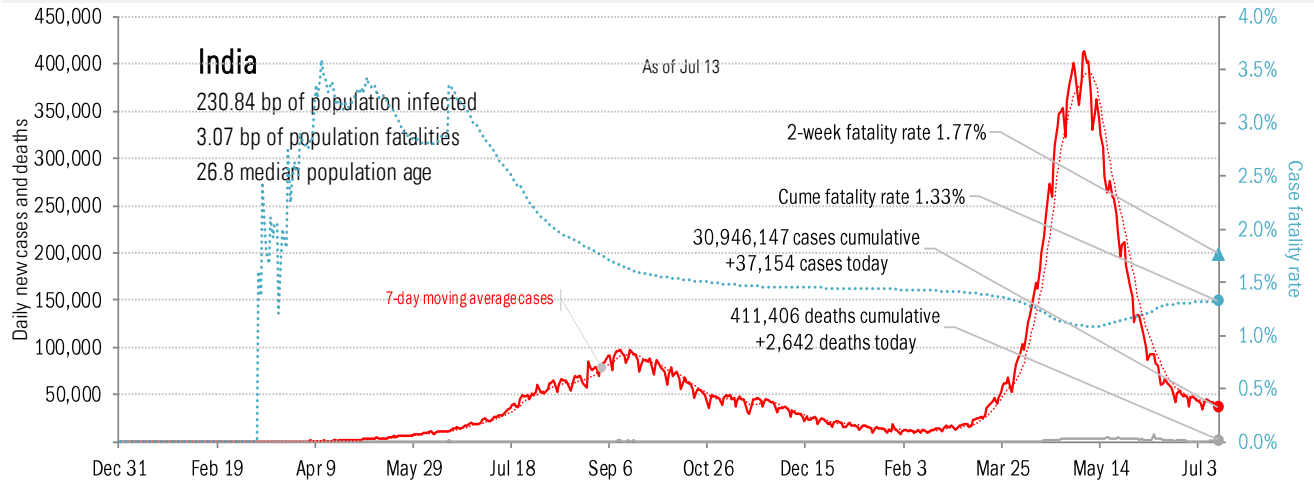
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



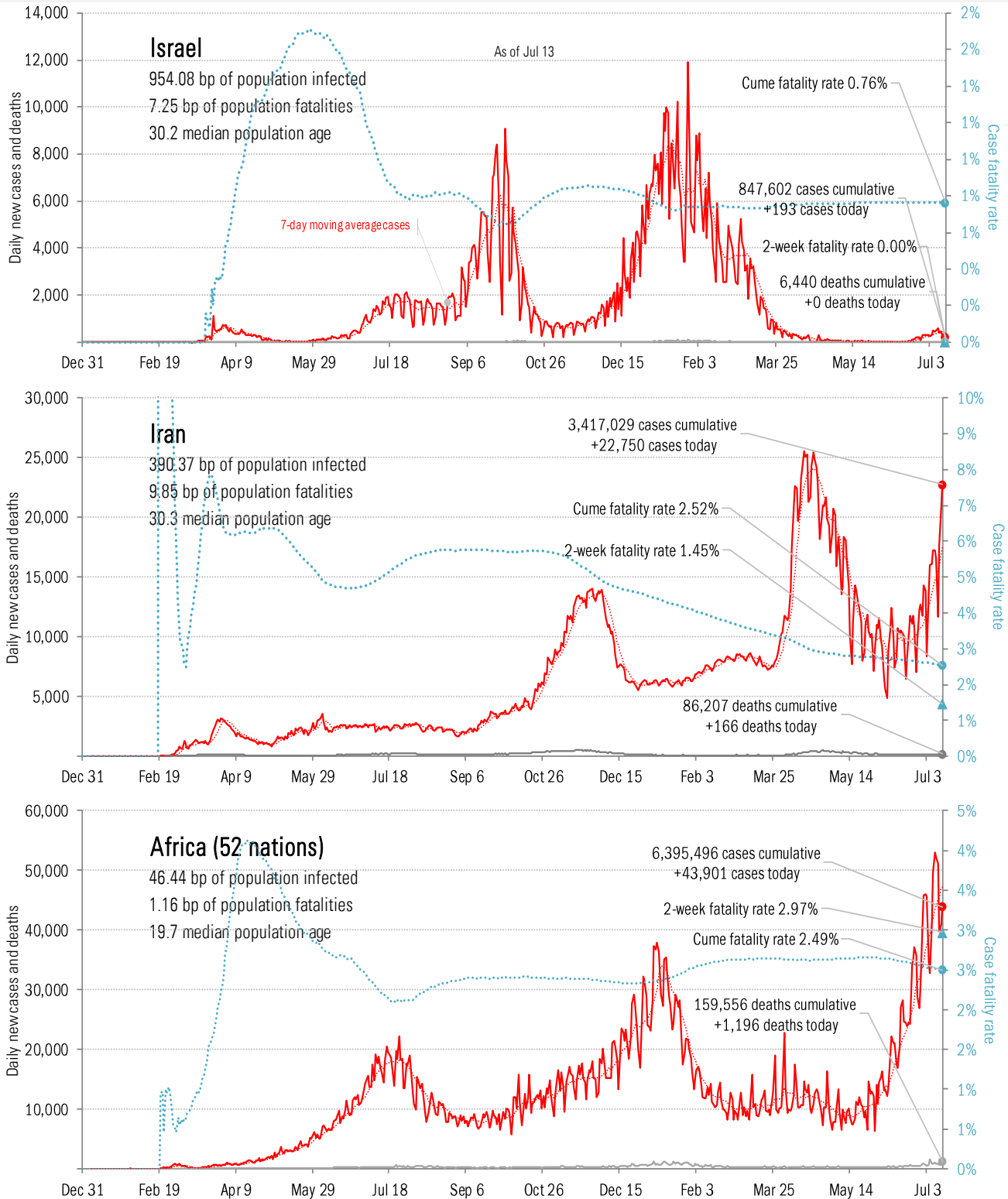
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



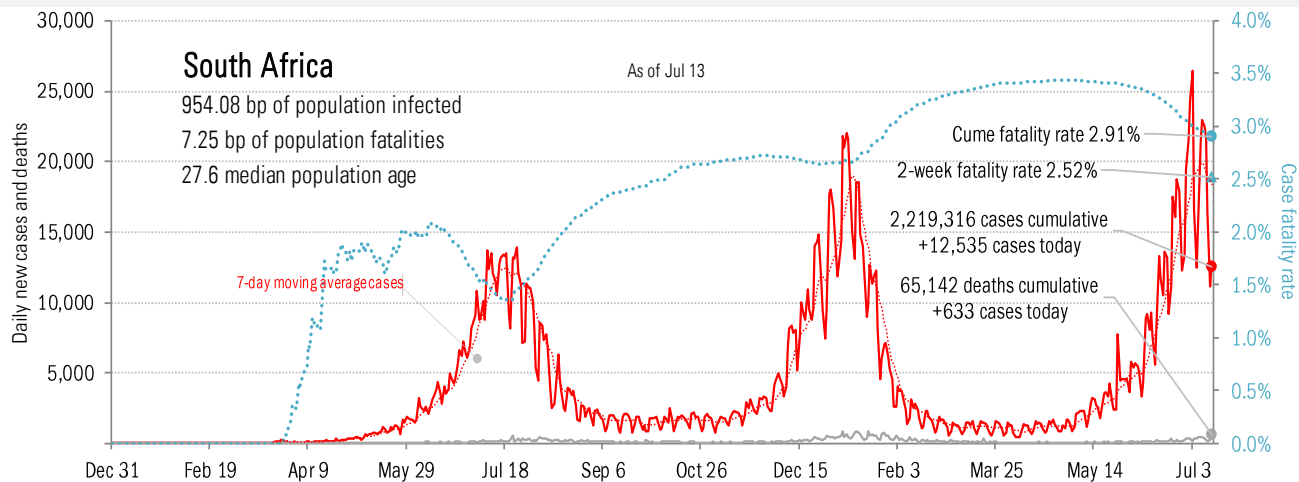
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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