

Data Insights: Covid-2019 Monitor

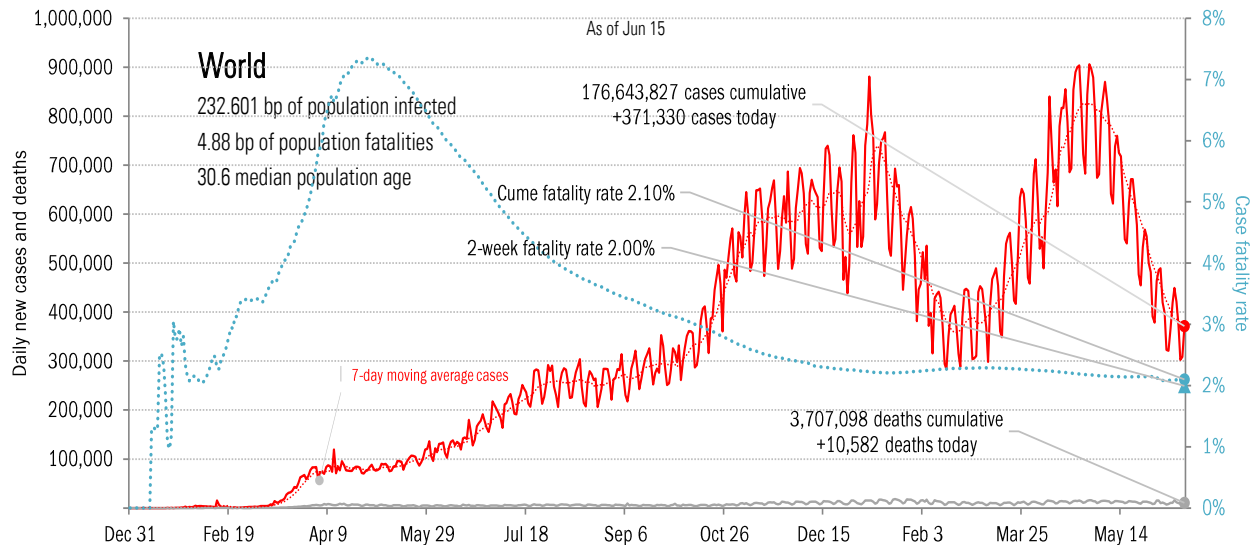
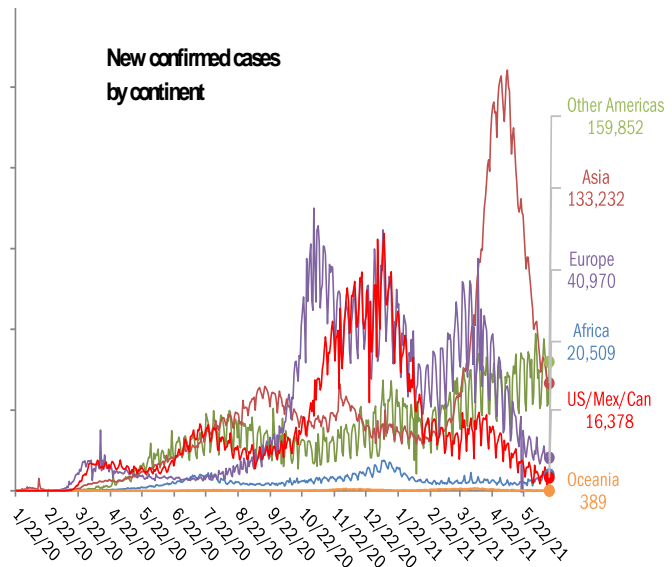
Wednesday, June 16, 2021

The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+80,609	India	+2,542
India	+62,224	Brazil	+2,468
Argentina	+27,260	Colombia	+599
Colombia	+24,452	Argentina	+586
Russia	+14,002	Peru	+553
United States	+11,304	Russia	+374
Iran	+10,216	United States	+339
South Africa	+8,436	Mexico	+241
Indonesia	+8,161	South Africa	+208
United Kingdom	+7,594	Indonesia	+164
+254,258		+8,074	
World +371,330		World +10,582	
Top ten 68%		Top ten 76%	

New confirmed cases by continent



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

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The US scorecard

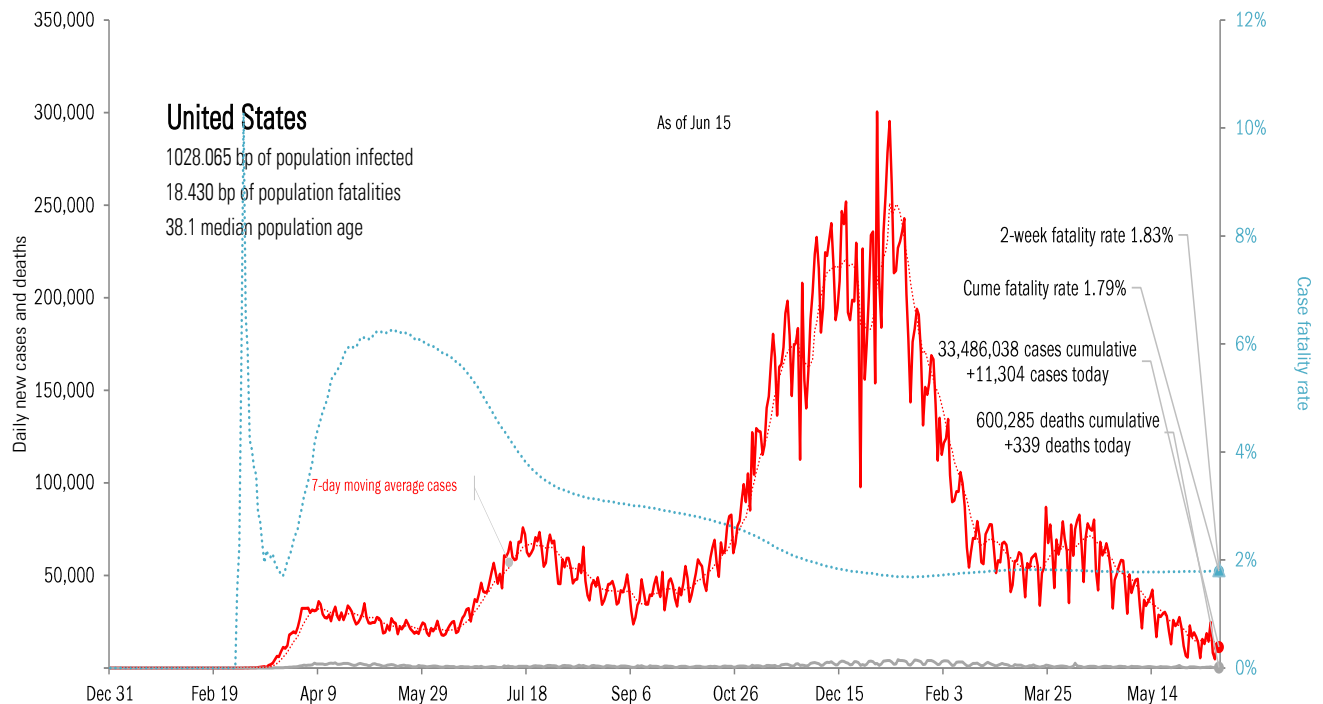
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
FL	+1,636		FL	+40		GA	+95		CA	3,804,355		CA	63,208		TX	250,936		R	90%	MO	12%
TX	+1,338		CH	+31		MO	+21		TX	2,979,689		NY	53,574		CA	238,084		MA	85%	CO	12%
CA	+1,261		MI	+30		MS	+18		FL	2,341,477		TX	51,967		FL	183,316		PA	82%	WA	11%
MO	+582		TX	+27		CK	+16		NY	2,110,004		FL	37,145		NY	135,534		MO	82%	WY	11%
LA	+559		PA	+24		UT	+14		IL	1,387,904		PA	27,514		GA	108,115		MD	81%	ID	11%
WA	+433		MO	+20		IA	+8		PA	1,213,772		NJ	26,345	#N/A	0	MI	80%	UT	9%		
TN	+426		WA	+18		NM	+6		GA	1,129,177		IL	25,505		CH	177,797		GA	80%	MS	9%
AZ	+423		NY	+16		NE	+5		CH	1,107,521		GA	21,171		IL	81,810		MIN	80%	AR	9%
PA	+422		IL	+15		ME	+4		NJ	1,020,043		MI	20,817		KY	76,650		CT	79%	ME	9%
CO	+391		GA	+13		FR	+4		NC	1,009,198		CH	20,122		MI	72,618		DC	79%	TX	8%
+7,471			+234			+191			18,103,140			347,368			1,324,860			All states 70%		67%	
All states +12,940			+379			+17			All states 33,486,038			600,285			2,358,961			All states 70%		67%	
Top ten 58%			62%			1124%			Top ten 54%			58%			56%			Median 72%		6%	

Some states not reporting

Five most improved US states

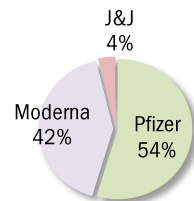
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
NC	-956	NC	-23	WA	-39	CK	+90 bp
CK	-445	KS	-18	CA	-38	VT	+80 bp
AL	-260	SC	-10	MD	-36	ME	+70 bp
SC	-240	CA	-7	AR	-18	UT	+70 bp
KS	-233	MA	-6	ND	-9	MP	+60 bp



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	387,409,145				+0.471 million	US	43.6%	52.2%
Doses administered	321,228,645				+1.248 million	UK	44.5%	61.6%
Administered	One dose	% Pop	Immune	% pop	New immune today	France	21.3%	45.0%
Total population	179,238,833	54%	149,797,591	45%	+0.852 million	Spain	27.8%	46.4%
Age 12 to 17	7,696,240	30%	4,695,769	19%	+0.260 million	Germany	26.6%	48.3%
Age 18 to 64	122,299,228	60%	101,692,543	50%	+0.519 million	Italy	23.9%	49.5%
Age 65 and over	49,107,016	90%	43,341,696	79%	+0.066 million	Australia	2.7%	20.5%



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 **128 days** by Oct 21, 2021

69.4% of population >18 immunized
14.1% previously tested positive
83.4% vs 60% adult herd immunity*

Global data differs from sources, timing

China NA

AK
60.2%
47.4%
41.1%

ME
71.5%
65.2%
58.7%

WI	VT	NH								
54.5%	77.0%	70.0%								
52.5%	72.5%	61.3%								
46.9%	62.7%	53.7%								
WA	ID	MT	ND	MN	IL	MI	NY	MA		
63.6%	48.8%	54.5%	48.8%	60.2%	60.3%	60.5%	63.3%	72.7%		
59.2%	38.7%	46.7%	43.1%	55.8%	57.3%	50.3%	58.1%	68.7%		
51.1%	34.6%	40.8%	37.7%	49.1%	43.1%	44.9%	50.6%	58.3%		
OR	NV	WY	SD	IA	IN	OH	PA	NJ	CT	RI
69.5%	51.5%	47.0%	56.9%	56.9%	52.1%	55.0%	64.2%	67.1%	68.7%	73.3%
57.1%	47.5%	38.3%	49.5%	50.4%	43.3%	47.2%	61.1%	62.9%	65.3%	63.0%
50.0%	39.2%	33.2%	44.1%	46.2%	38.1%	42.6%	47.2%	53.0%	57.6%	55.7%
CA	UT	CO	NE	MO	KY	WV	VA	MD	DE	
64.4%	52.1%	62.9%	55.8%	51.5%	52.1%	55.3%	62.6%	72.3%	68.0%	
59.1%	47.1%	56.2%	49.8%	43.5%	48.1%	42.2%	57.4%	59.7%	56.6%	
46.8%	35.4%	48.5%	44.6%	36.7%	41.0%	35.8%	48.8%	52.2%	46.6%	
AZ	NM	KS	AR	TN	NC	SC	DC			
57.5%	58.7%	55.0%	49.4%	48.1%	58.0%	53.4%	78.3%			
48.0%	59.5%	48.1%	40.7%	40.4%	44.3%	42.3%	59.0%			
38.1%	50.6%	40.2%	32.7%	33.8%	38.0%	36.1%	49.3%			
OK	LA	MS	AL	GA						
52.9%	45.4%	46.8%	50.7%	54.3%						
43.5%	37.0%	35.2%	37.1%	41.3%						
36.1%	33.1%	28.5%	30.6%	33.9%						
HI	TX	FL	PR							
70.5%	57.0%	60.5%	64.1%							
68.5%	46.3%	51.6%	54.2%							
49.8%	38.3%	42.7%	41.2%							

As of Jun 15

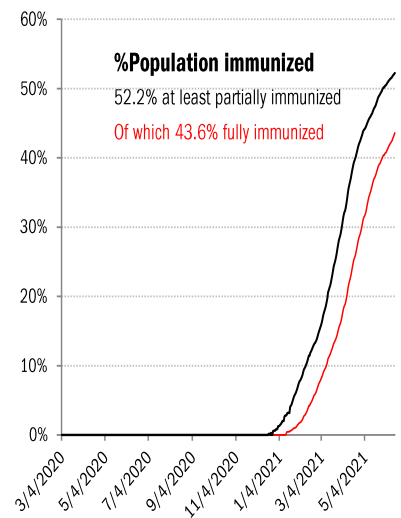
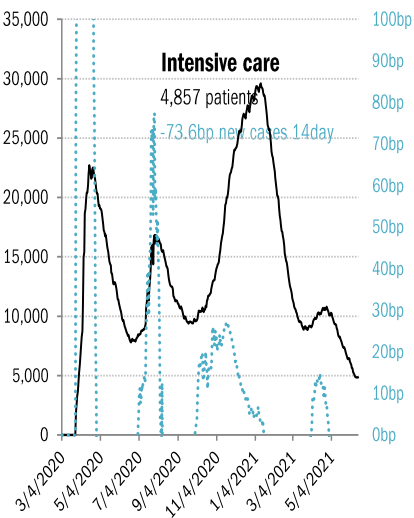
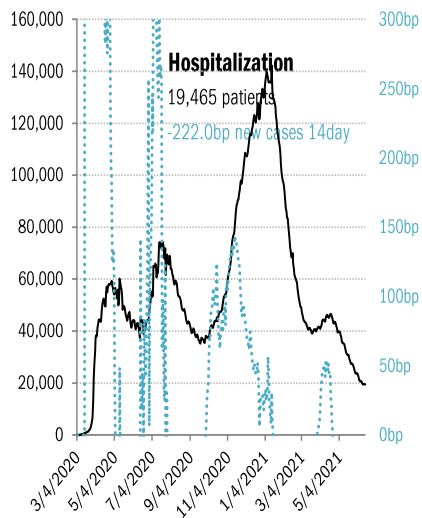
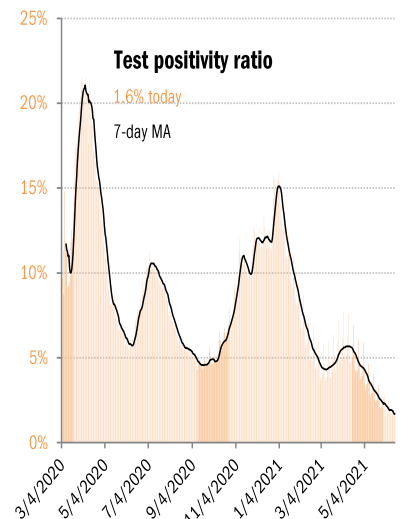
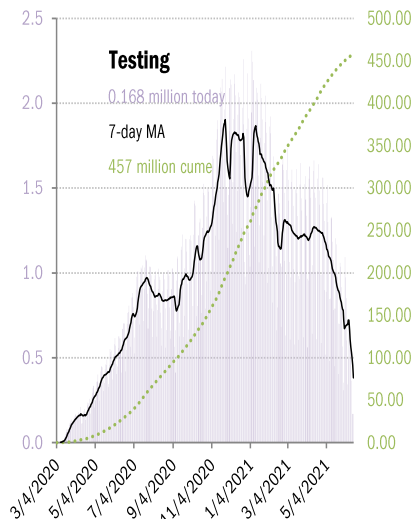
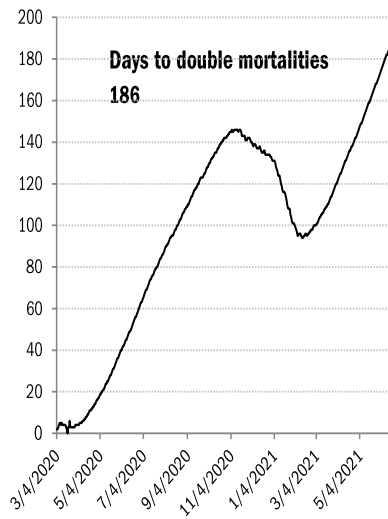
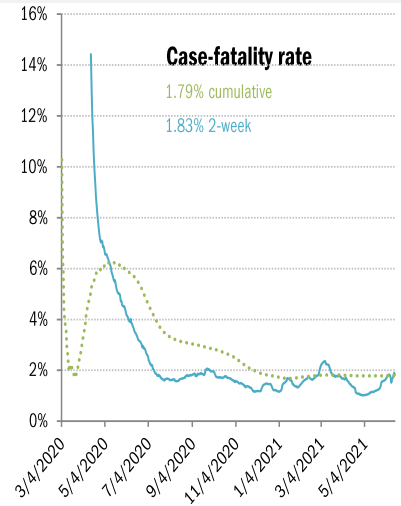
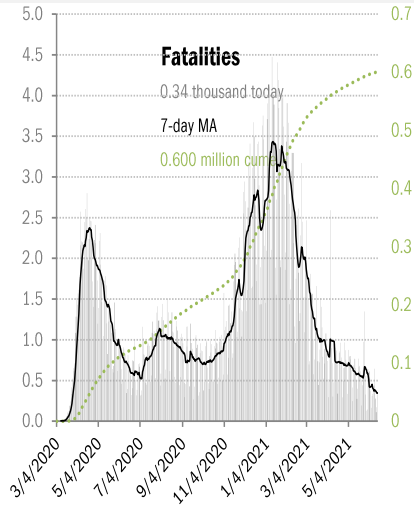
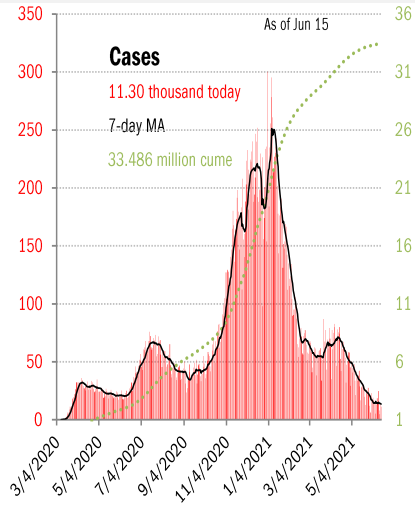
* Includes persons >18 fully immunized or previously tested positive, no overlap. Disregards untested positives, natural immunities.

** 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

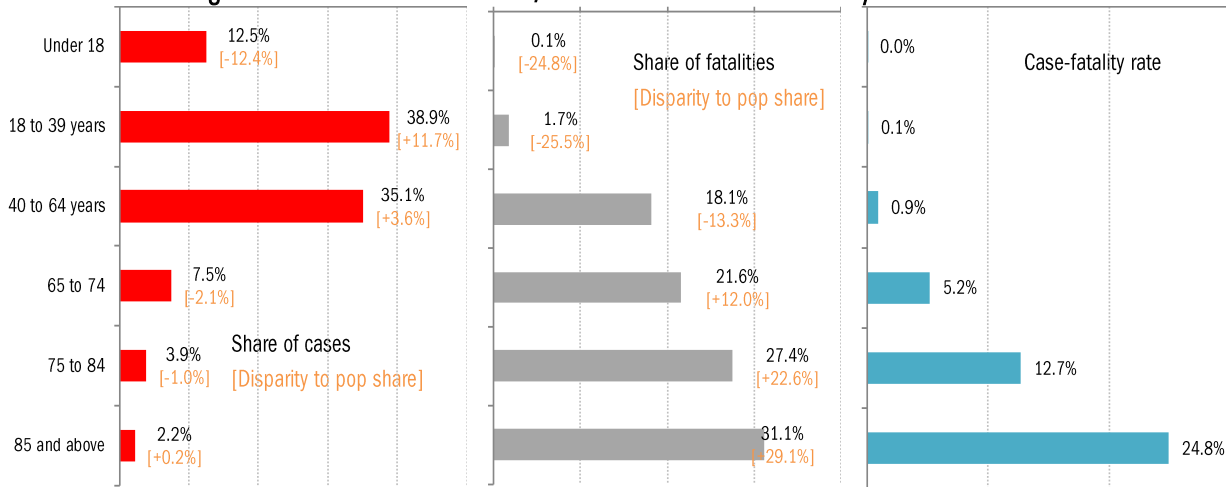
US deep-dive

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

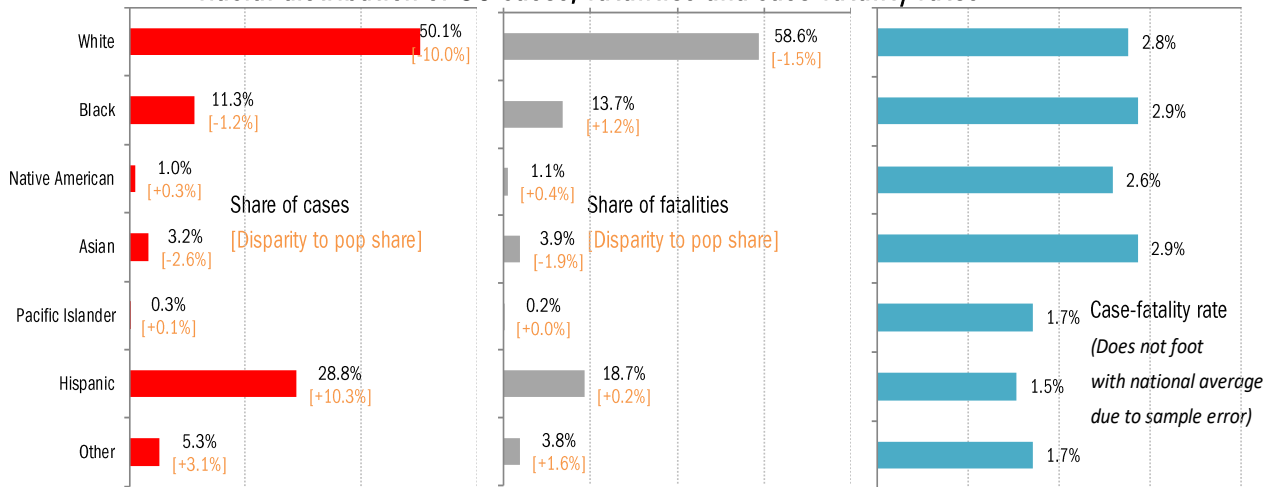


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

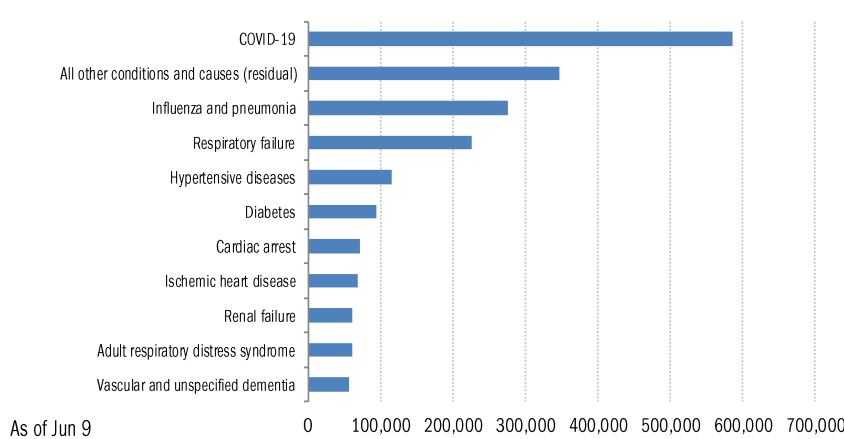


Racial distribution of US cases, fatalities and case-fatality rates



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.

Recommended reading

[John Stewart on Wuhan Lab Leak Theory](#)

Late Show

June 14, 2021

[‘A Momentous Day’: New York and California Lift Most Virus Restrictions](#)

Luis Ferré-Sadurní and Shawn Hubler

New York Times

June 15, 2021

[Former CDC director Redfield explains why he believes COVID-19 emerged from lab, WHO ‘compromised’](#)

Thomas Barrabi

Fox News

June 15, 2021

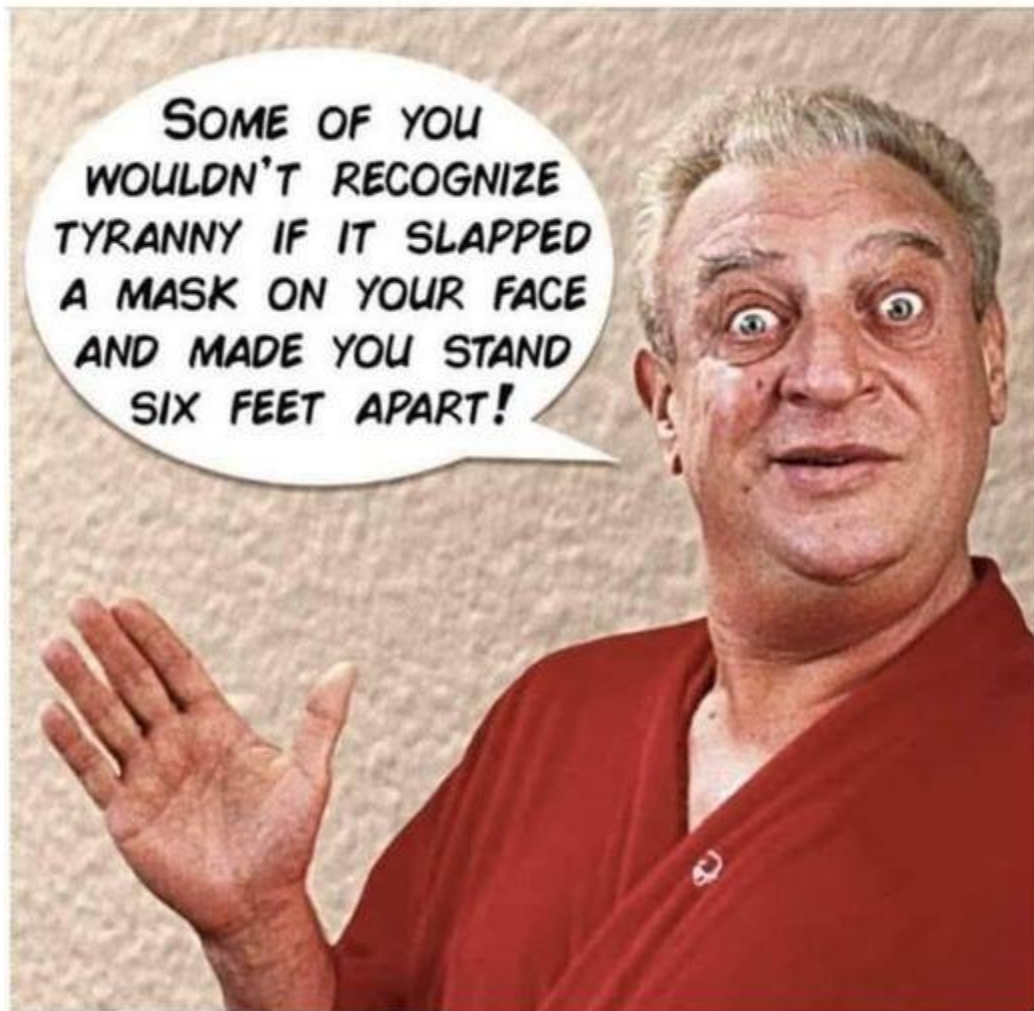
[Louisiana could become latest state to end \\$300 federal unemployment benefit in 11th-hour deal](#)

Sam Karlin

The Advocate

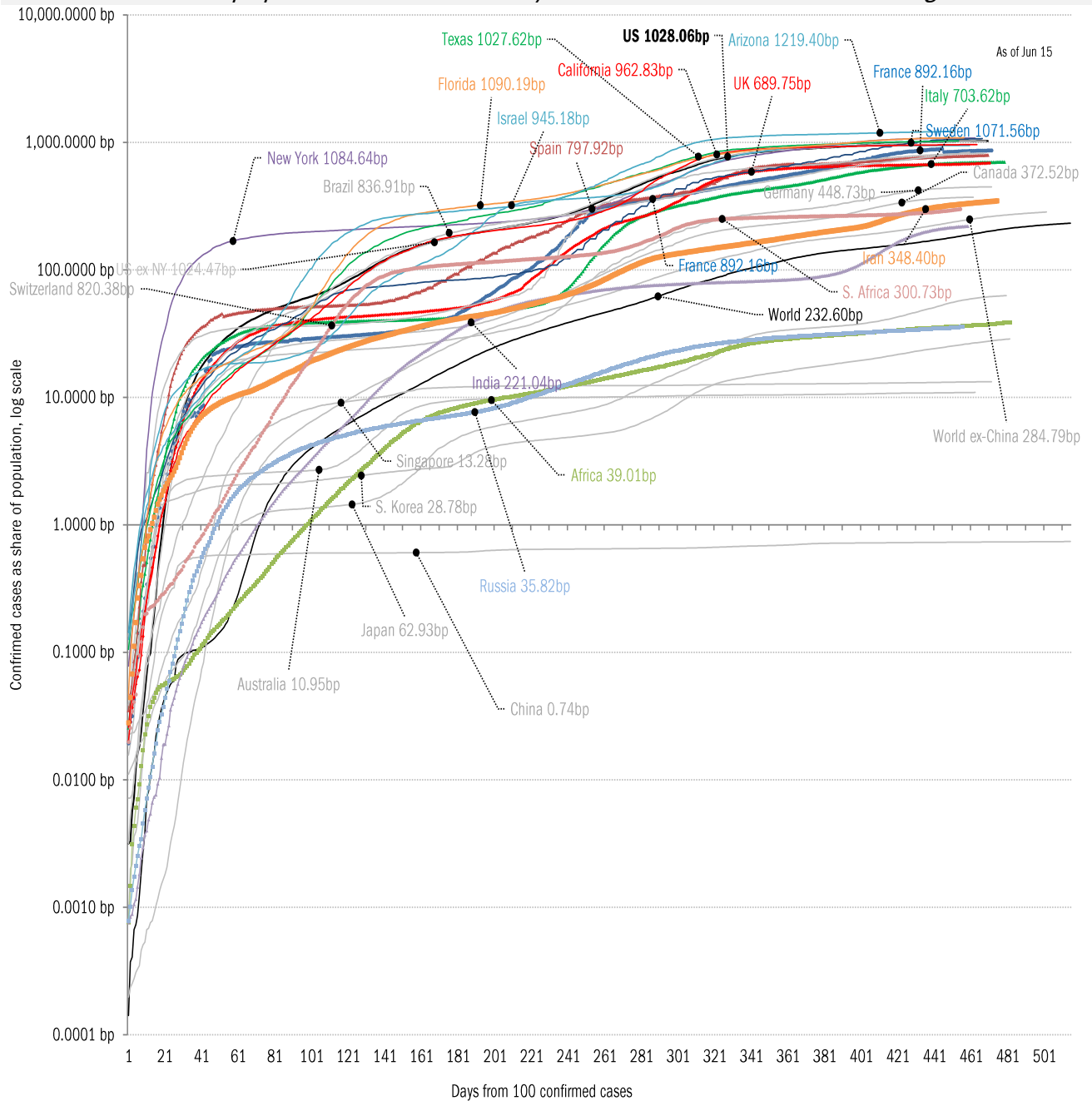
June 10, 2021

Meme of the day



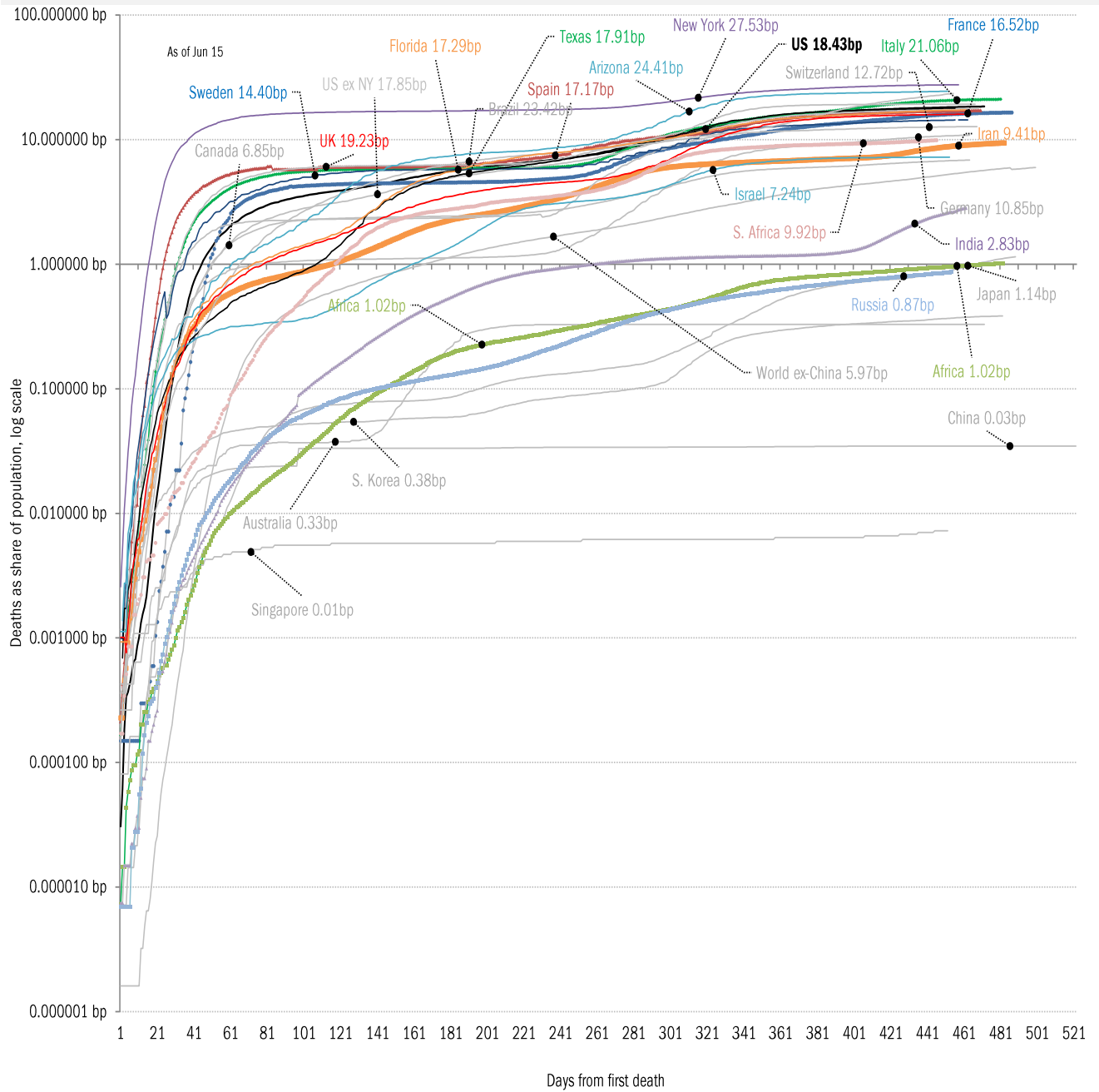
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

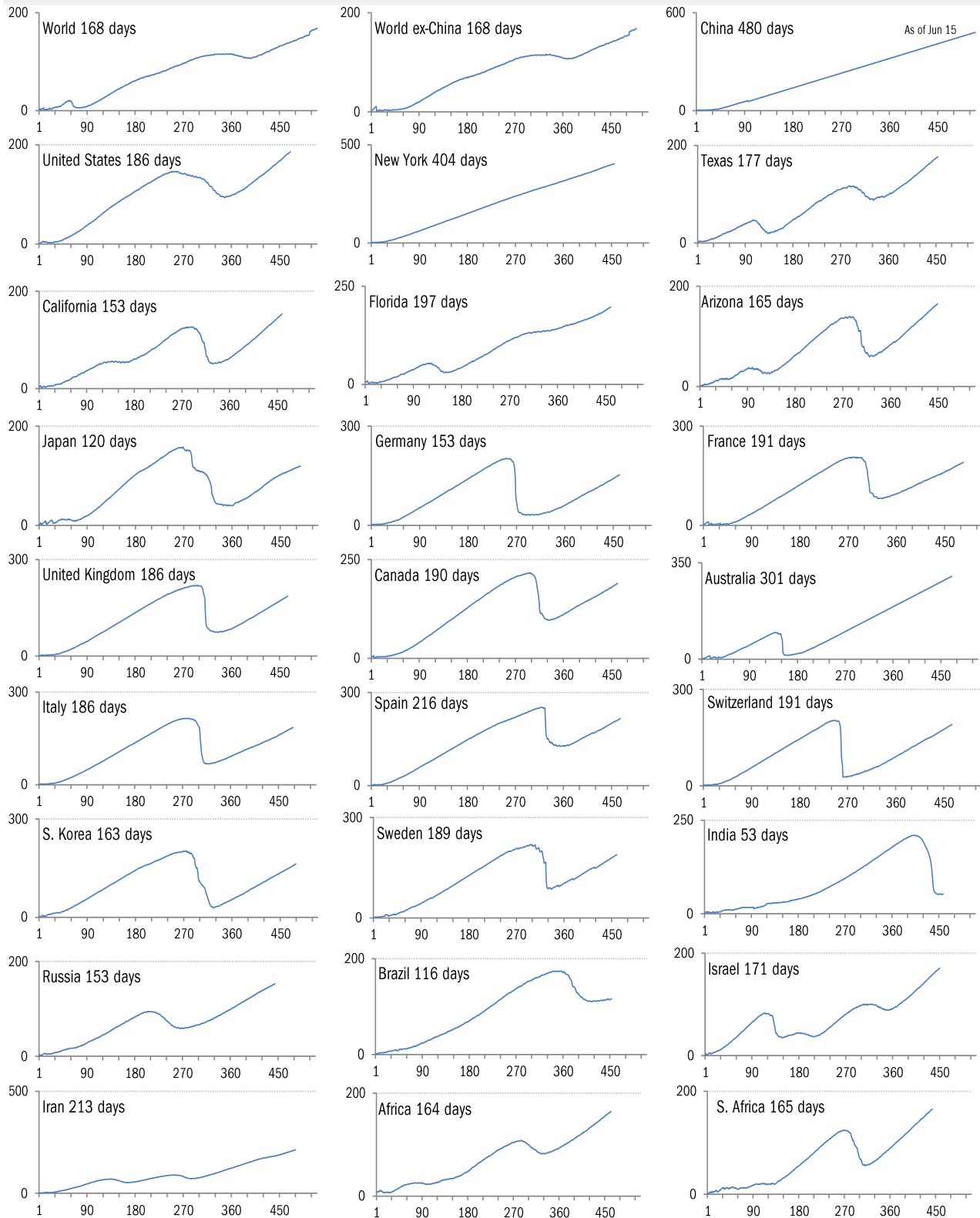


Source: [Johns Hopkins](#), TrendMacro calculations

"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

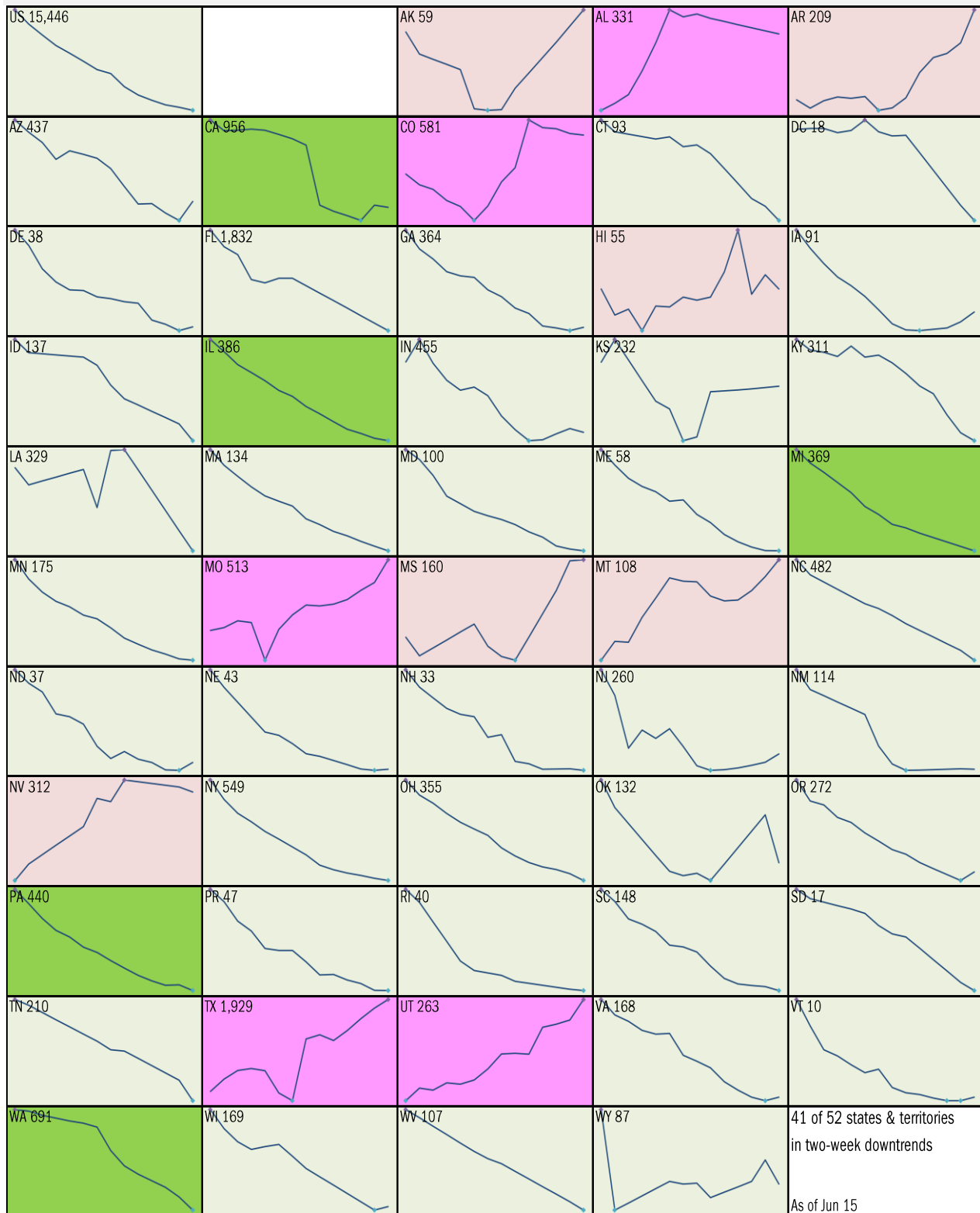


Source: [Johns Hopkins](#), TrendMacro calculations

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

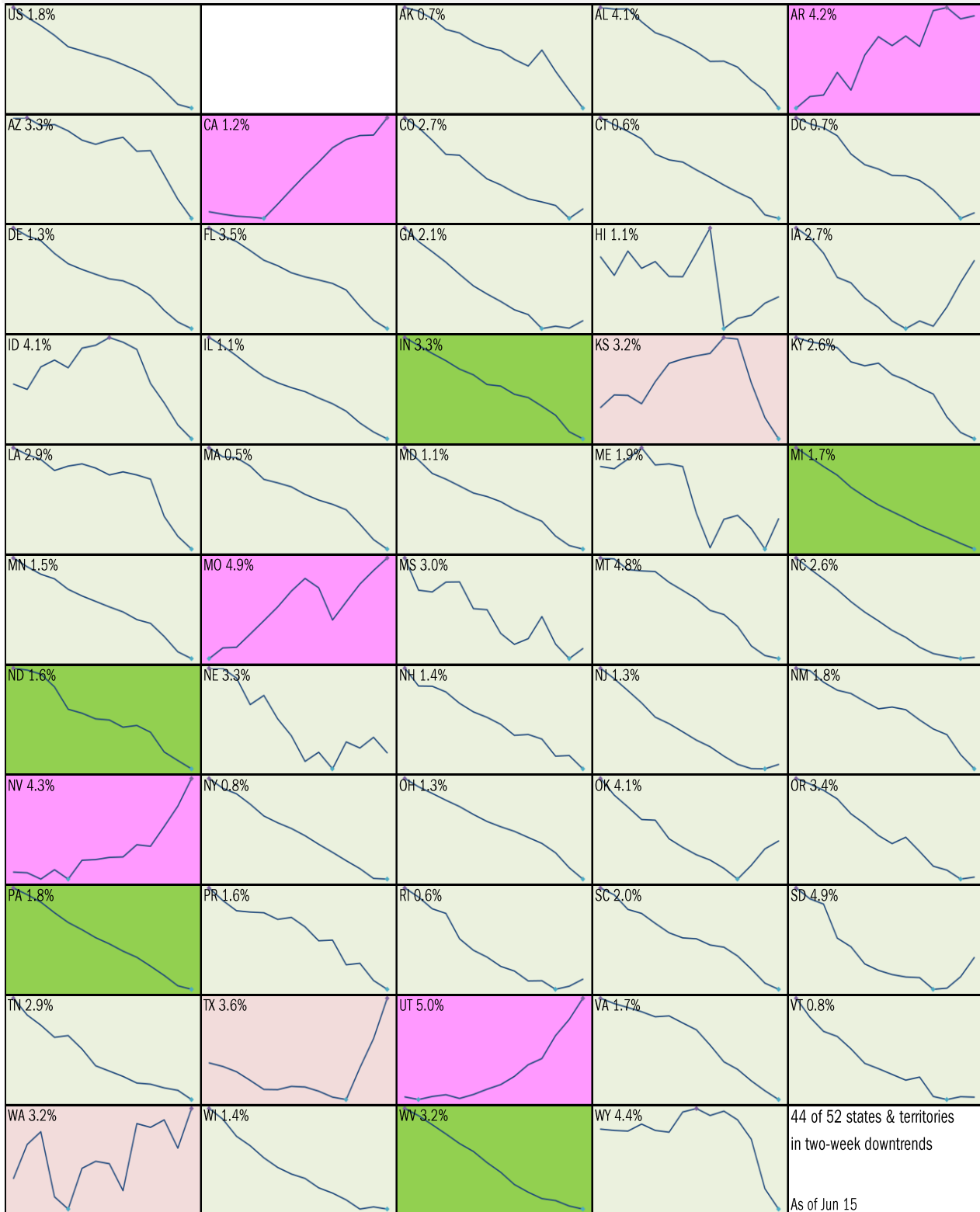


Source: [Johns Hopkins](#), TrendMacro calculations

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

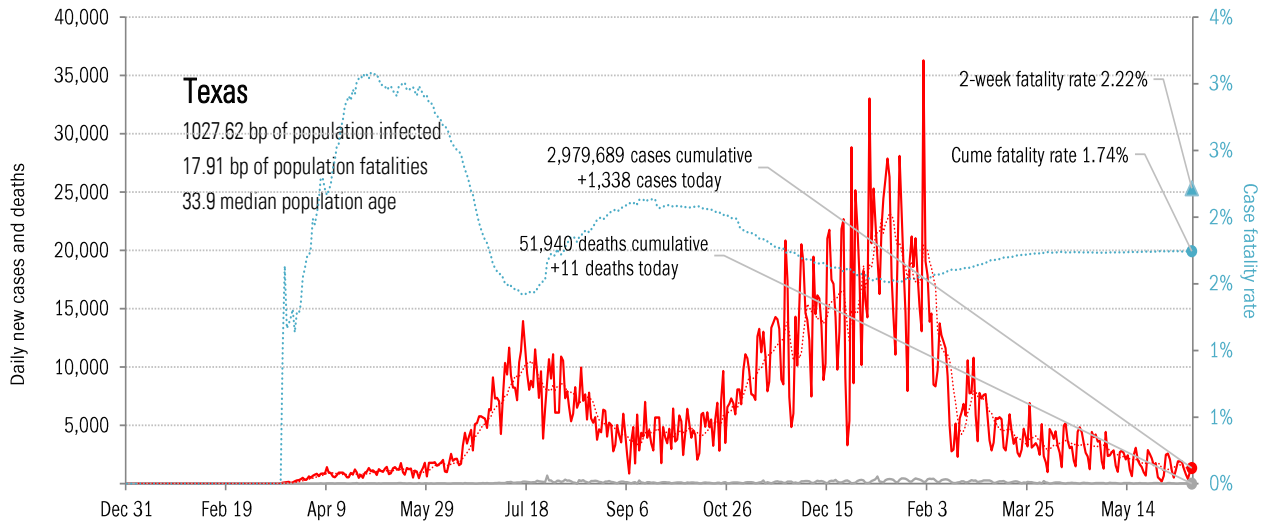
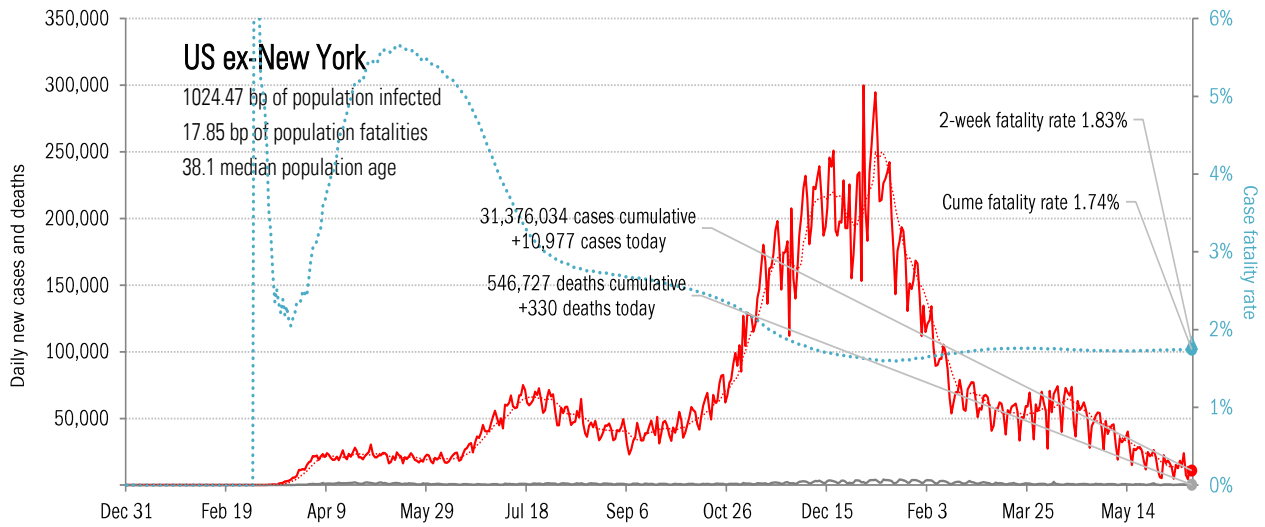
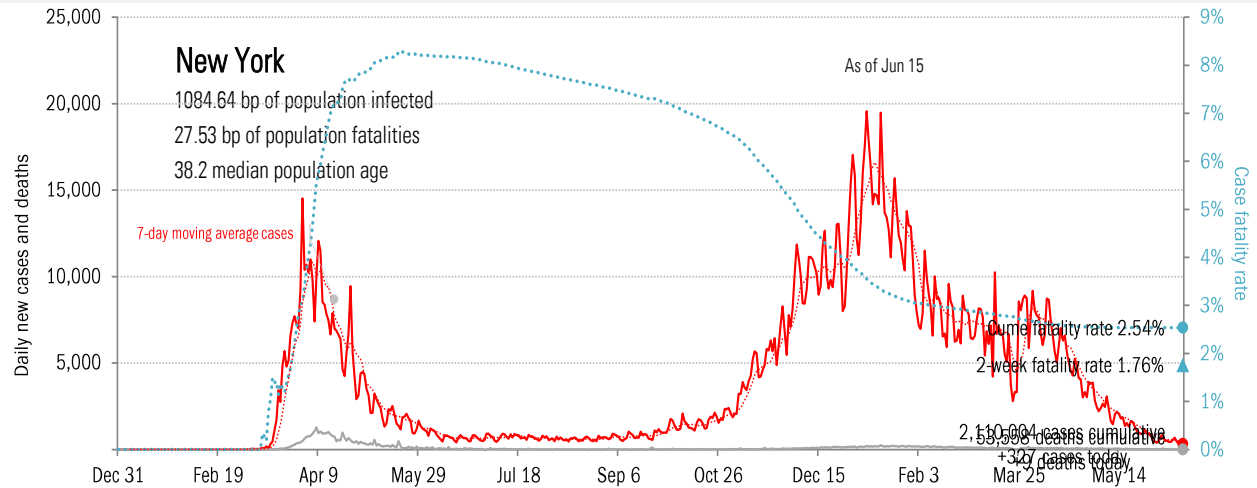
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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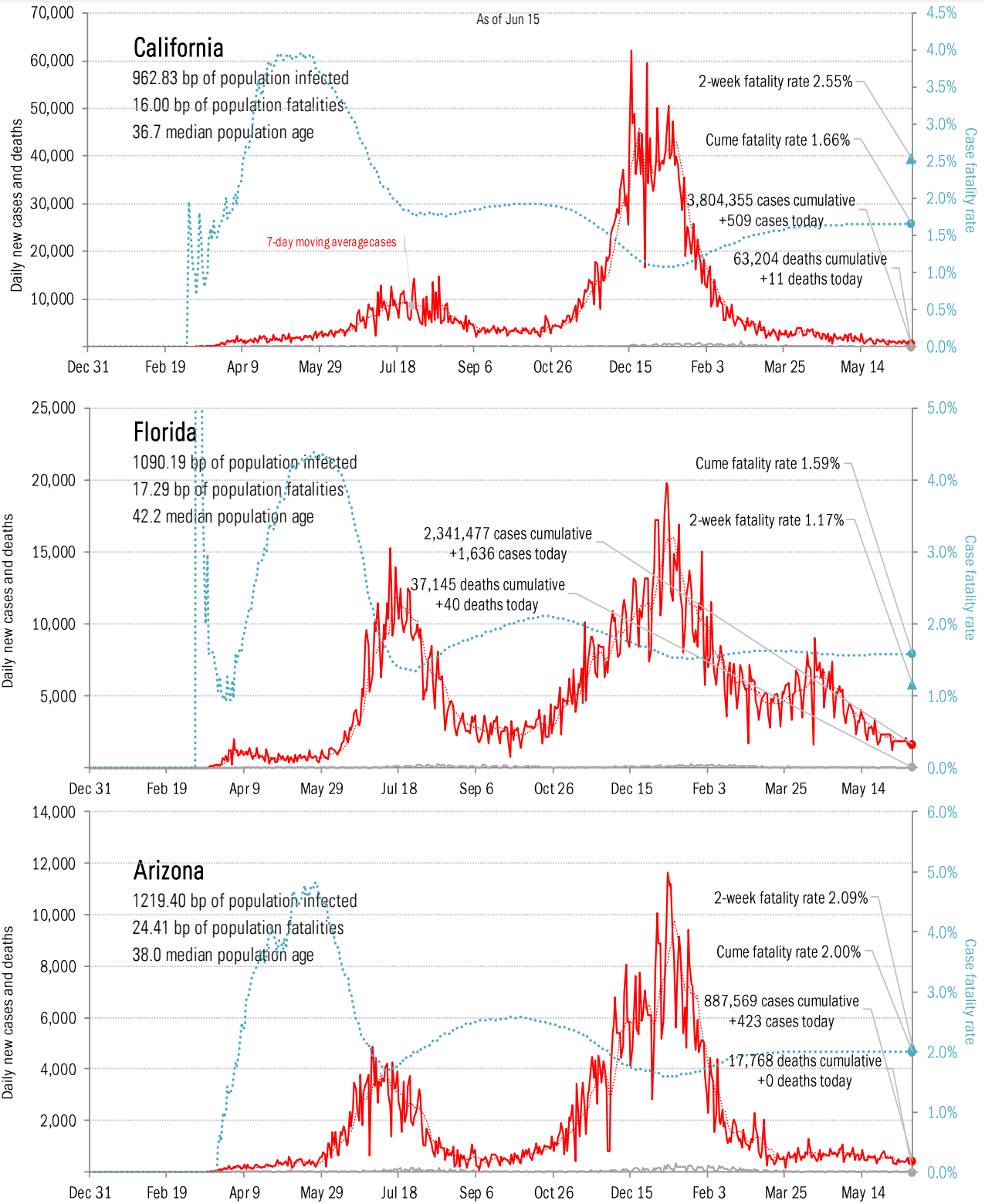
Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande



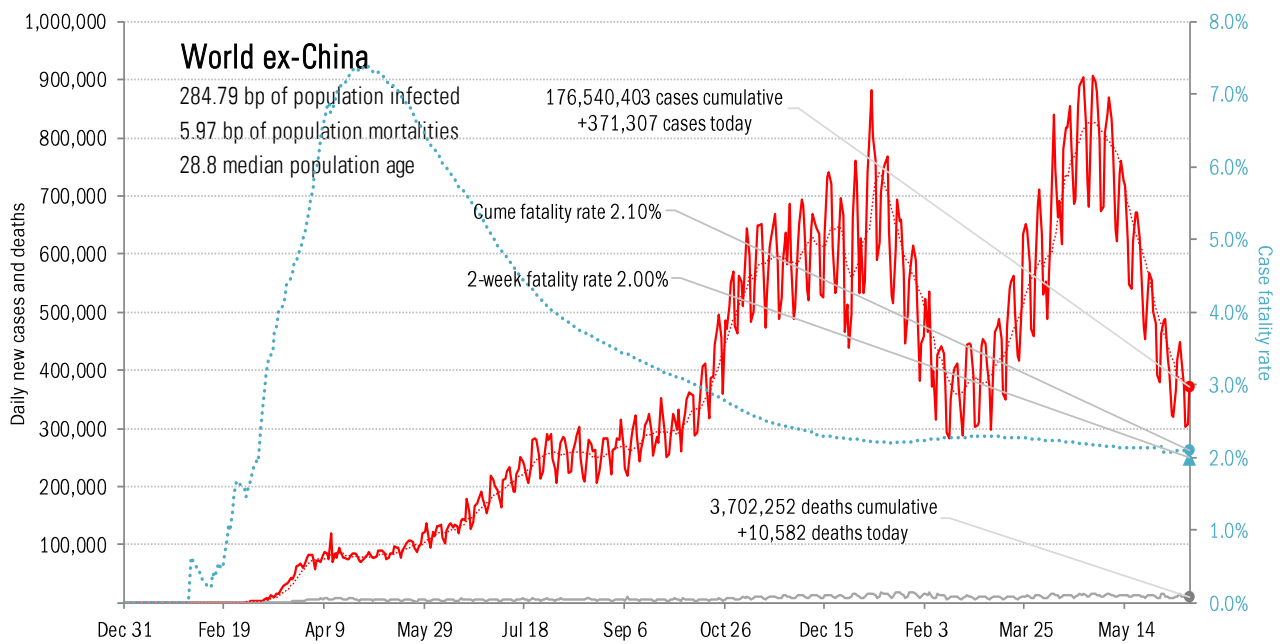
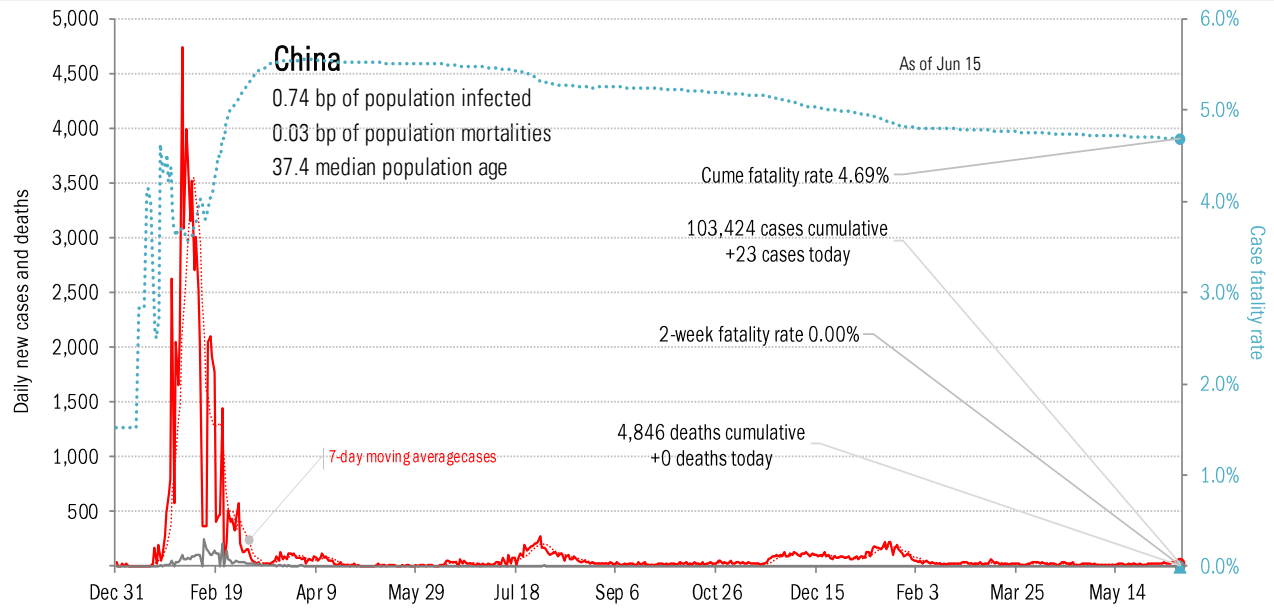
Source: [Johns Hopkins](#), TrendMacro calculations

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



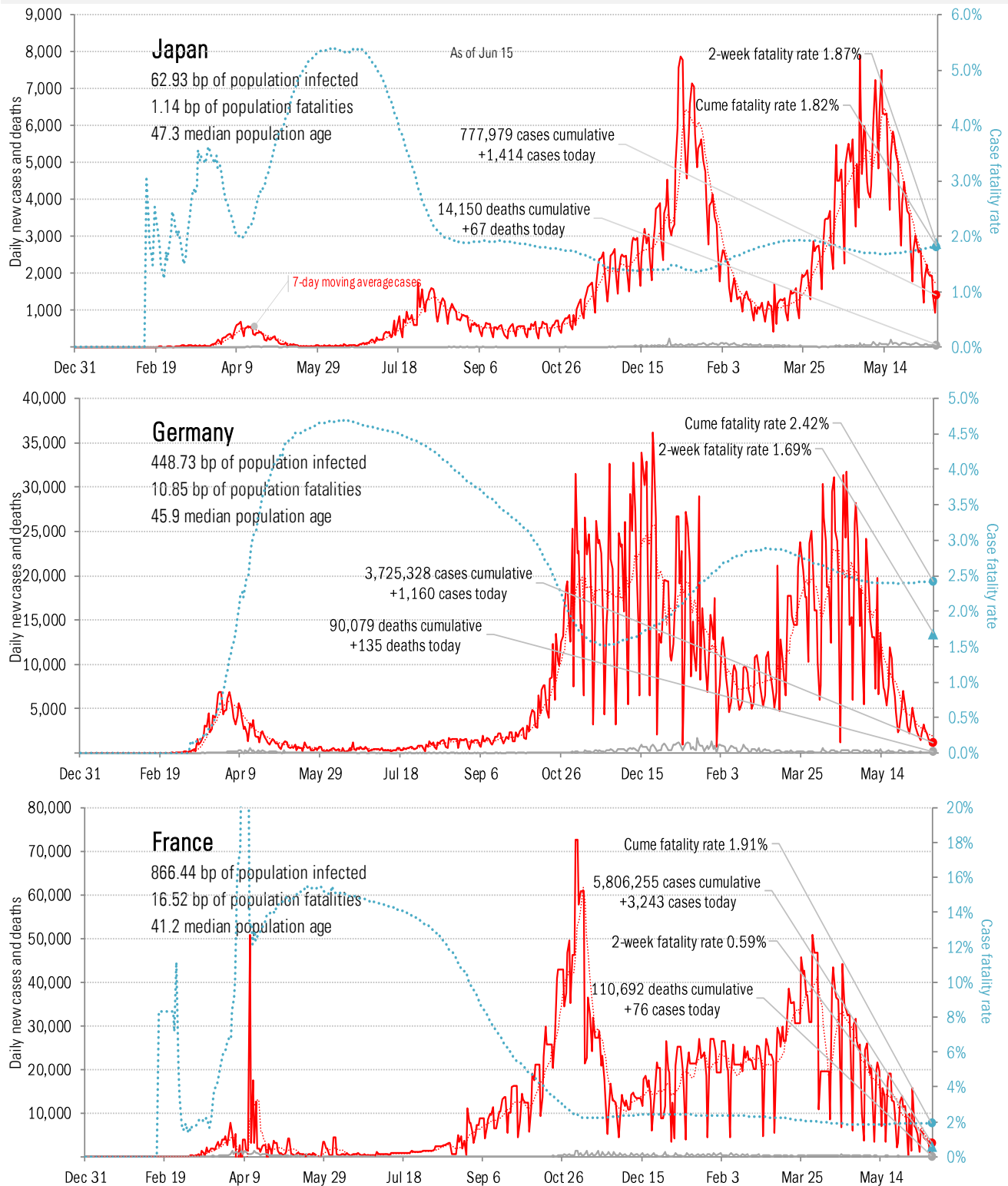
Source: [Johns Hopkins](#), TrendMacro calculations

Patient zero... and then everyone else



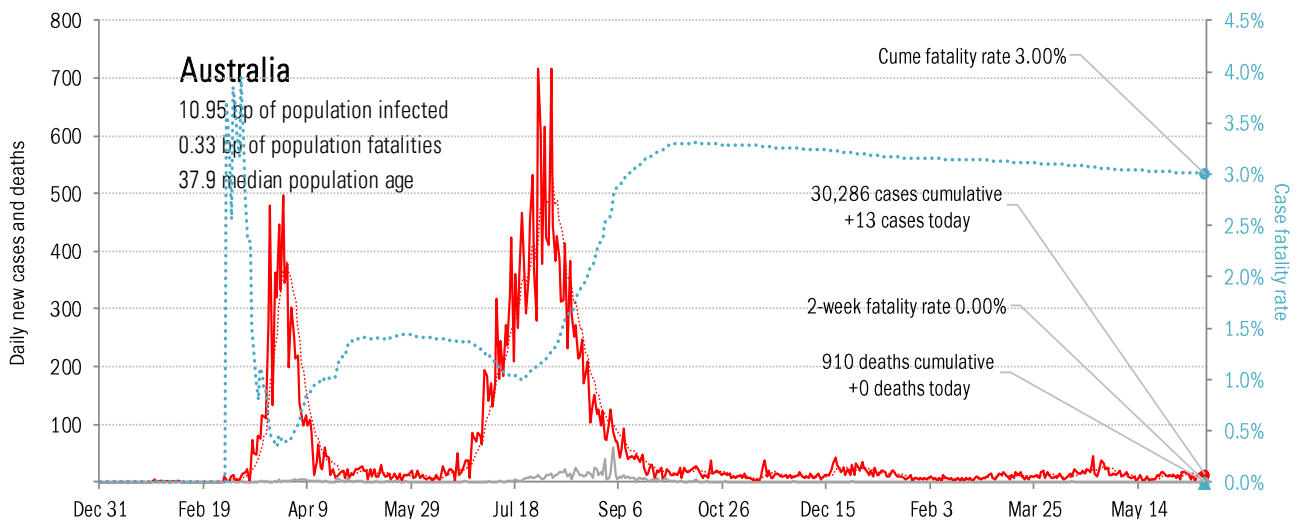
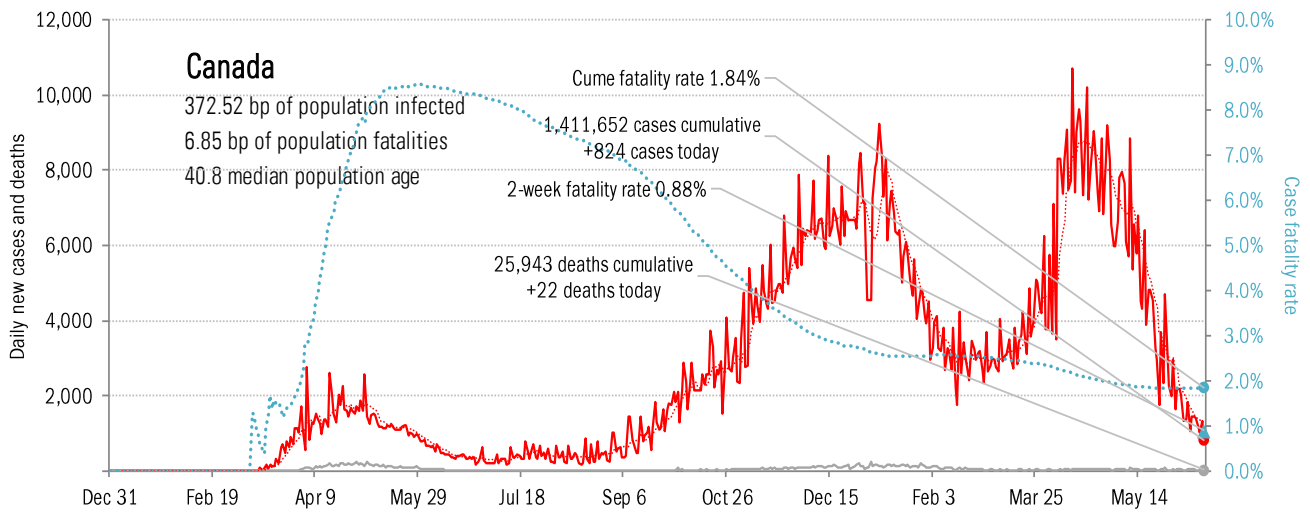
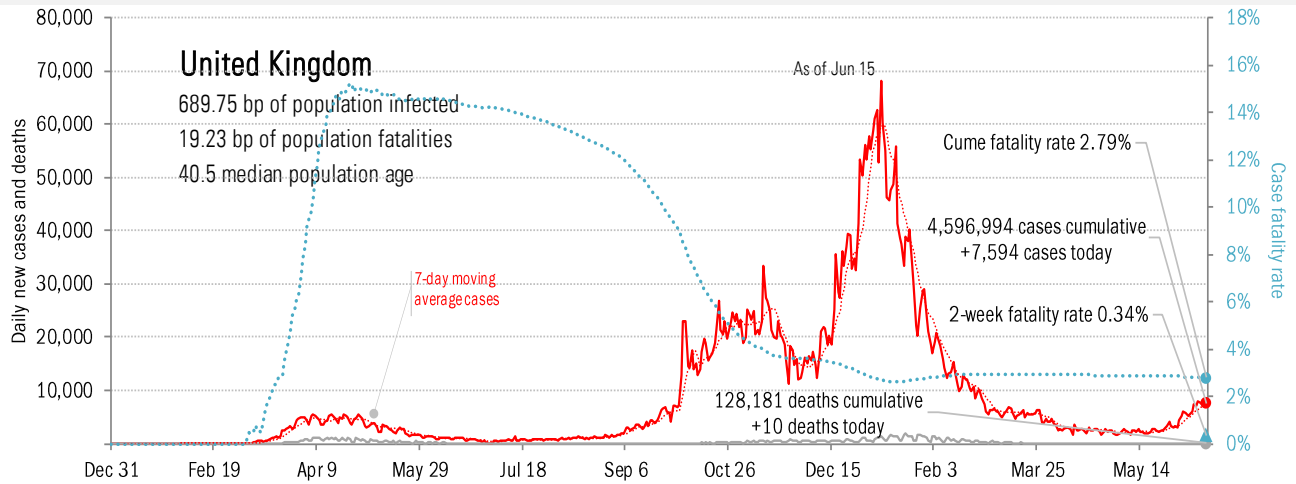
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the largest economies



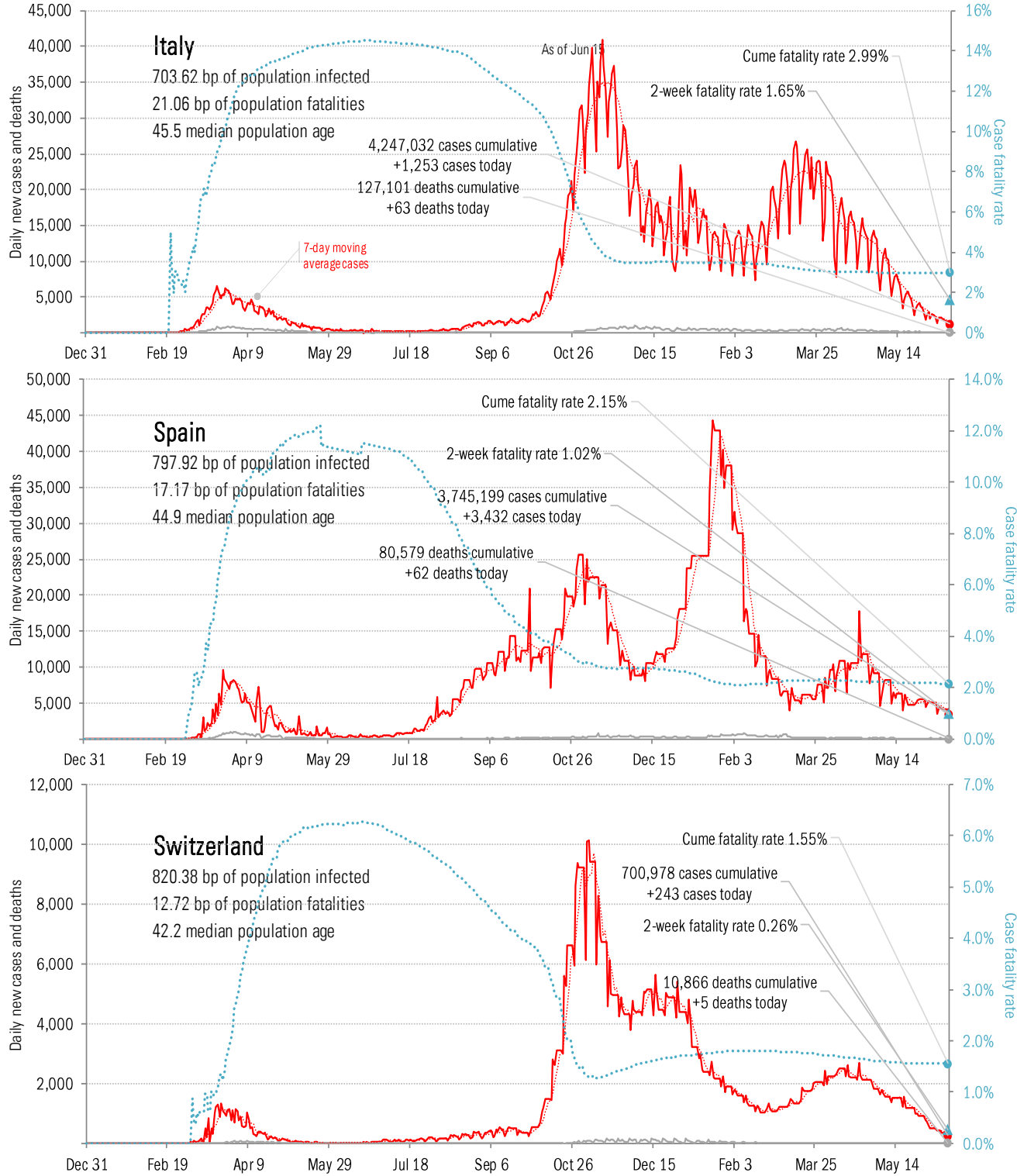
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere



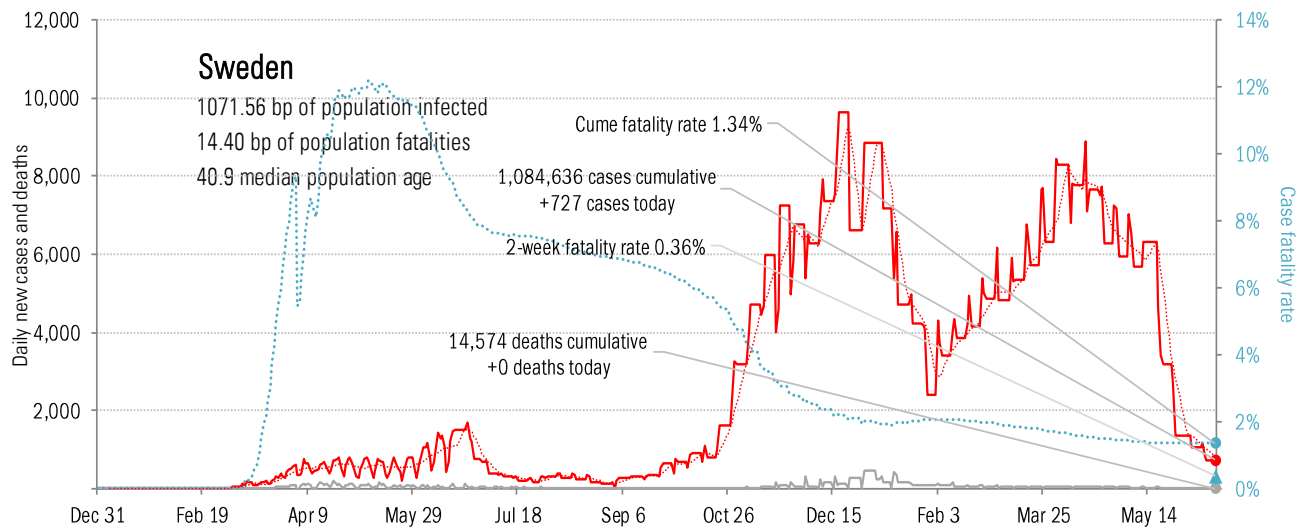
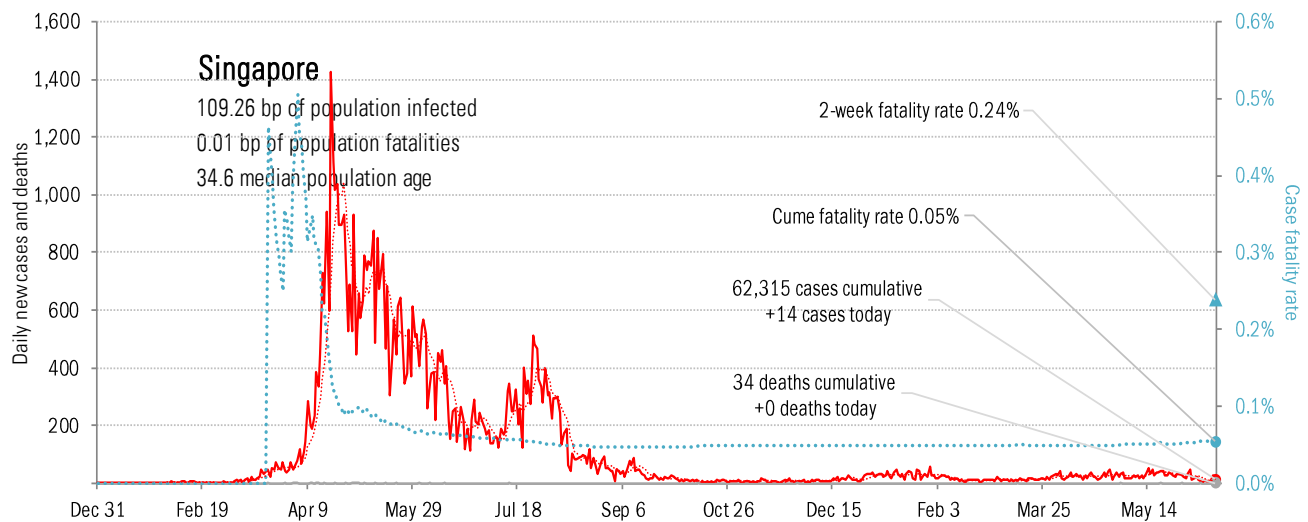
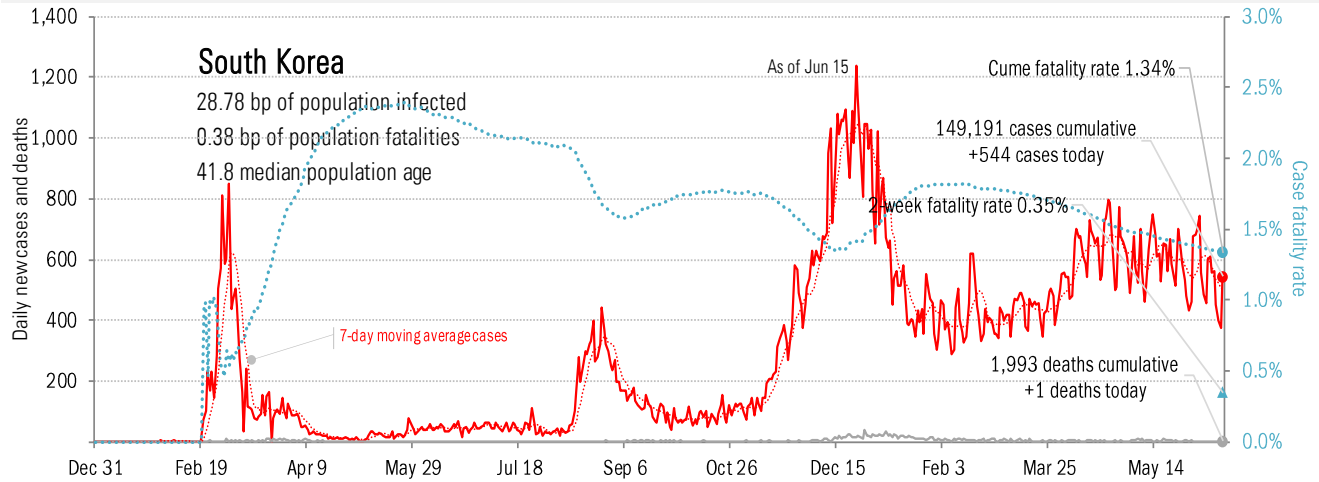
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe



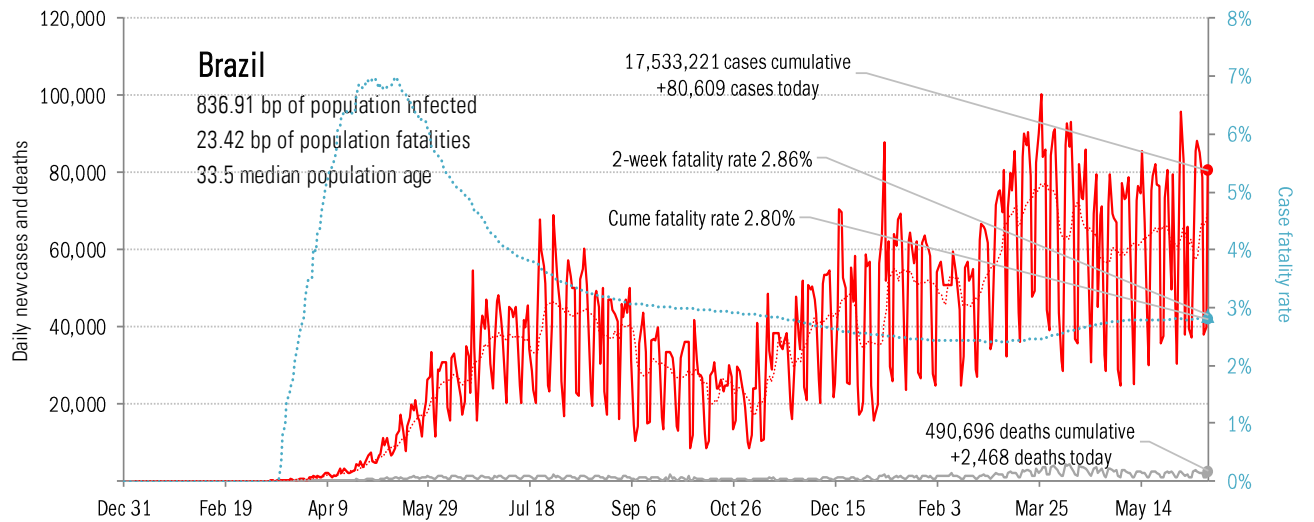
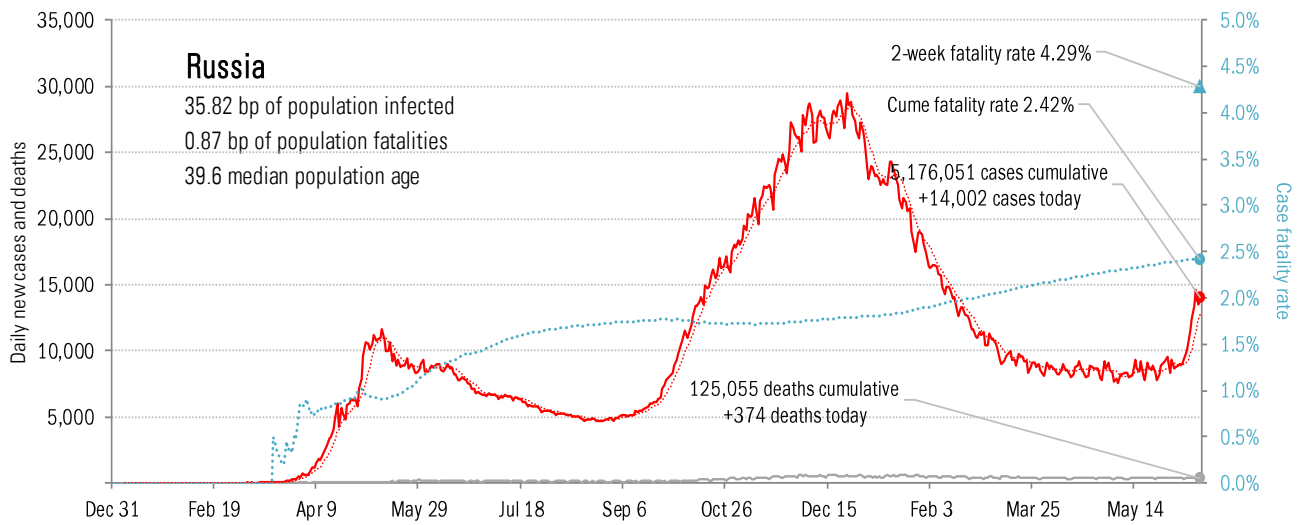
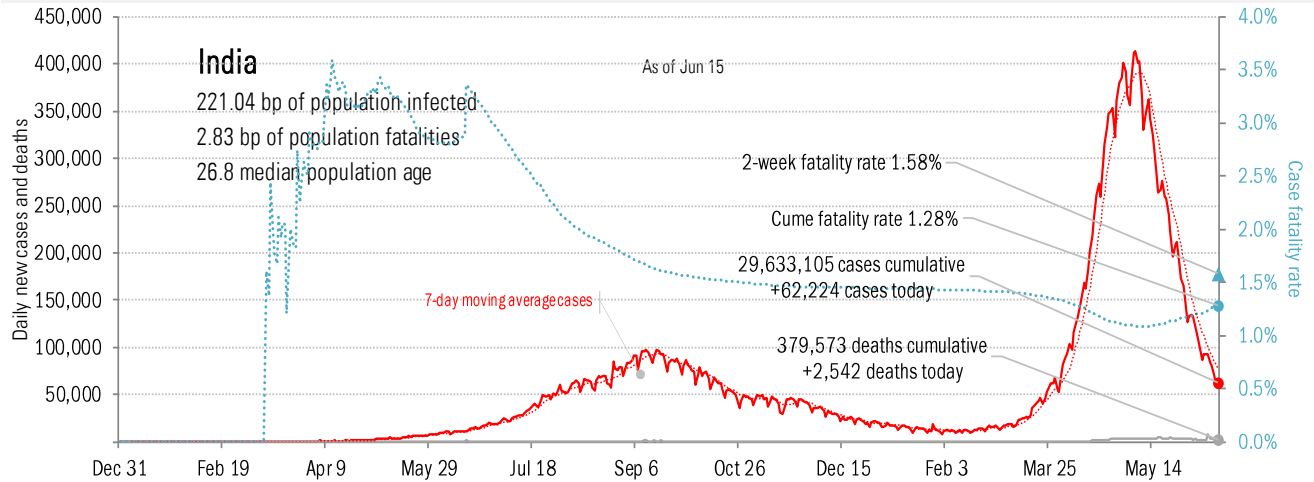
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots



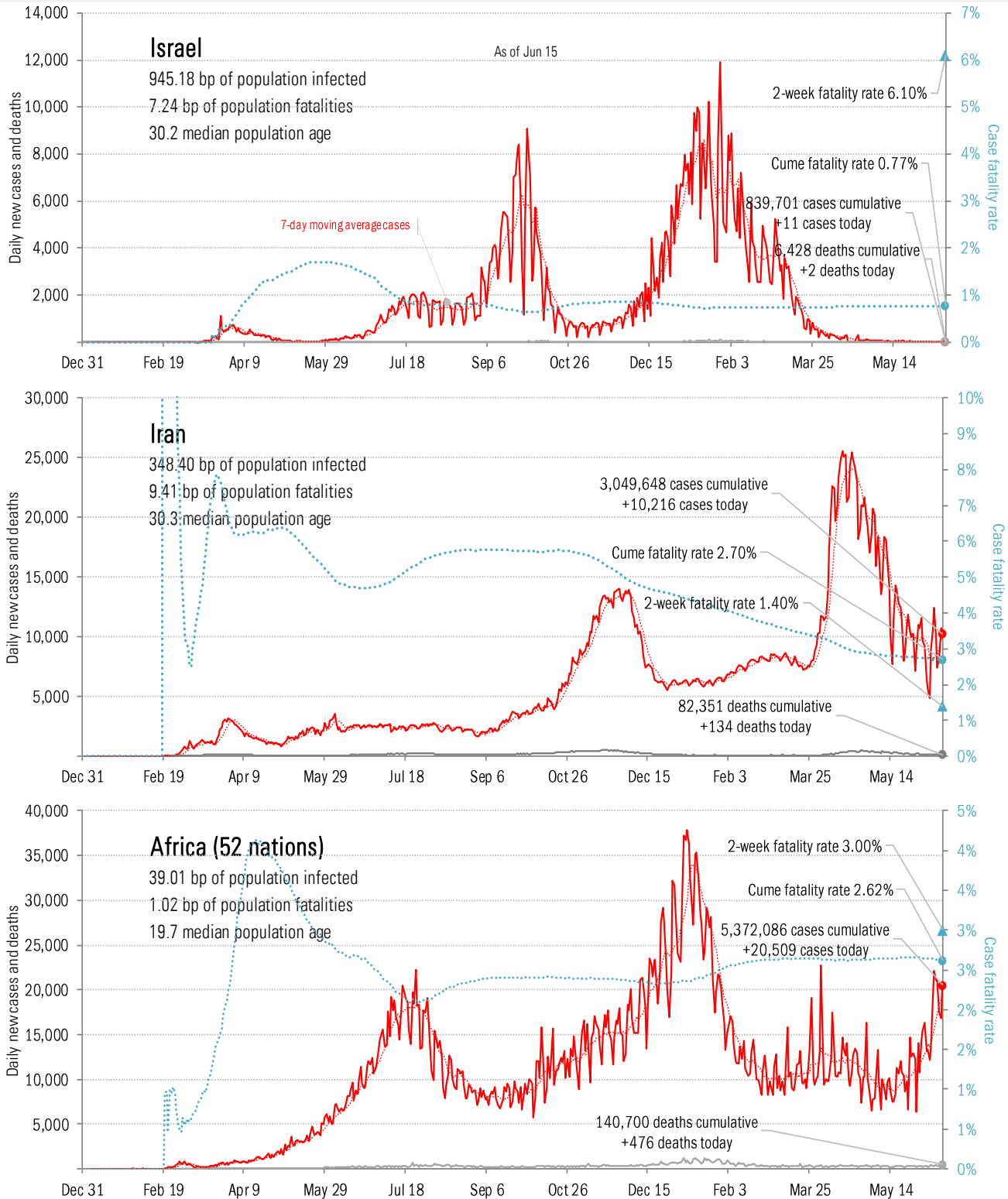
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China



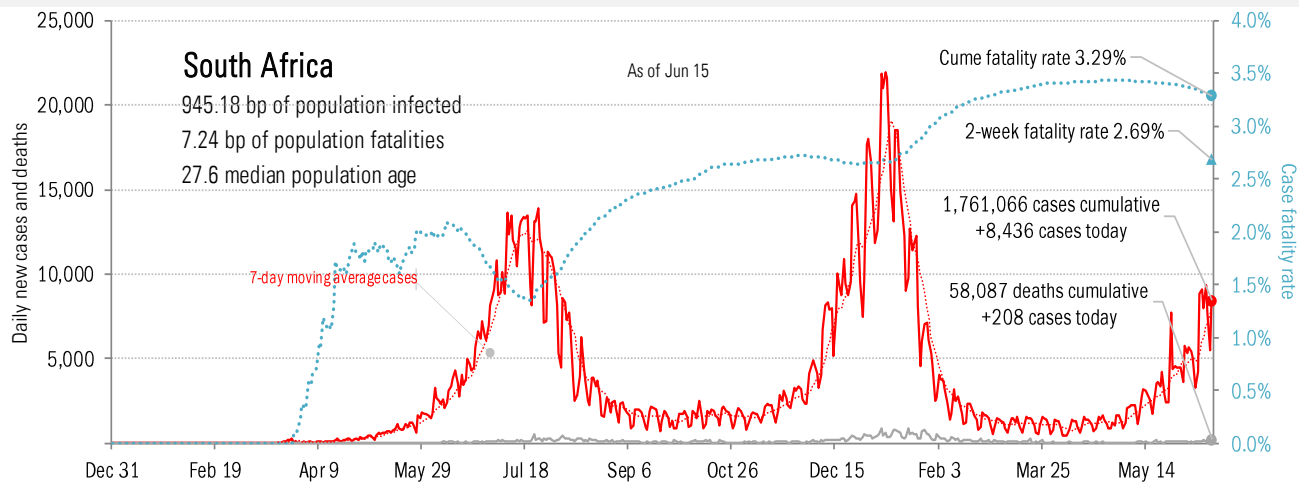
Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa



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

Impact in Africa, continued



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