

## Data Insights: Covid-2019 Monitor

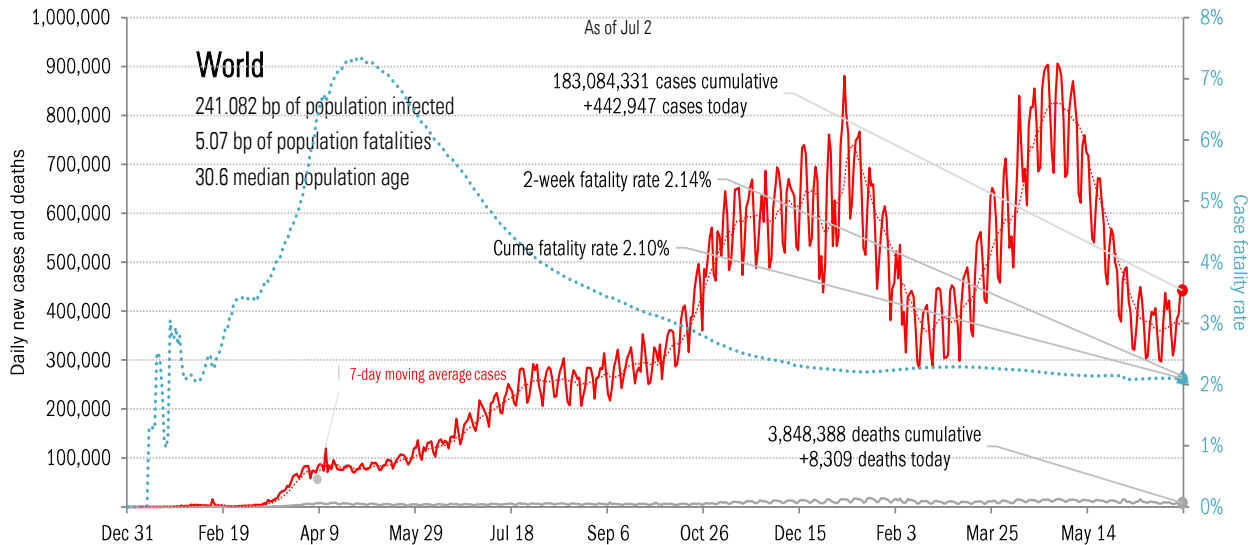
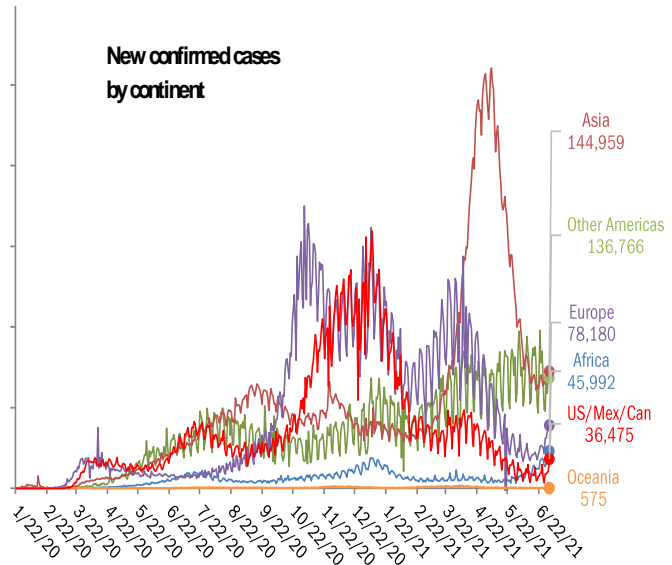
Saturday, July 3, 2021

### The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+65,165	Brazil	+1,857
India	+44,111	India	+738
United States	+29,698	Russia	+669
Colombia	+28,005	Argentina	+610
United Kingdom	+26,863	Colombia	+586
Indonesia	+25,830	Indonesia	+539
South Africa	+24,270	United States	+505
Russia	+22,791	South Africa	+303
Argentina	+20,888	Chile	+221
Iran	+13,836	Mexico	+180
<b>+301,457</b>		<b>+6,208</b>	
World	+442,947	World	+8,309
Top ten	68%	Top ten	75%

New confirmed cases by continent



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

#### For more information contact us:

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# The US scorecard

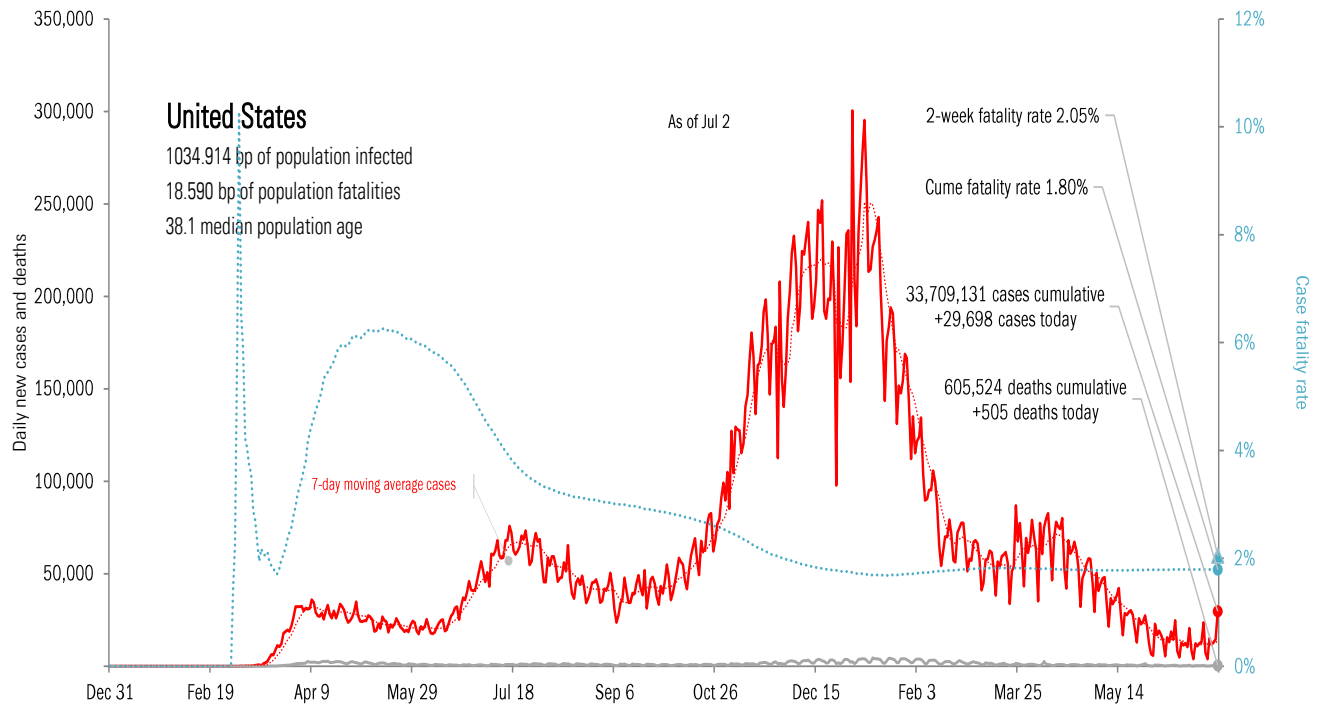
## The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
FL	+2,241		CA	+50		FL	+68		CA	3,819,662		CA	63,762		TX	254,492		RI	91%	MO	17%
TX	+1,596		TX	+43		CA	+59		TX	3,003,278		NY	53,692		CA	240,667		MA	82%	AR	14%
CA	+1,336		CH	+35		GA	+27		FL	2,371,640		TX	52,453		FL	187,837		MO	82%	UT	13%
MO	+1,173		AZ	+22		MI	+23		NY	2,115,880		FL	37,925		NY	136,579		PA	81%	WA	10%
AZ	+526		MO	+17		MO	+19		IL	1,392,552		PA	27,695		GA	109,498		GA	80%	NV	10%
LA	+525		GA	+15		IN	+16		PA	1,217,115		NJ	26,467		PA	91,758		MD	79%	ME	9%
NV	+508		FL	+14		NV	+14		GA	1,135,526		IL	25,678		CH	88,036		MI	79%	CO	9%
NY	+503		LA	+9		TX	+14		CH	1,112,088		GA	21,443		IL	82,664		WV	78%	MT	8%
CO	+499		IL	+8		AZ	+10		NJ	1,023,923		MI	21,009		KY	78,138		FL	78%	TX	8%
AR	+494		IN	+8		MA	+10		NC	1,014,359		CH	20,344		MI	73,238		MN	78%	ID	8%
+9,401			+221			+260			18,206,023			350,468			1,342,907						
All states	+16,255		+306			+178			All states	33,709,131		605,524			2,392,098			All states	70%	67%	
Top ten	58%		72%			146%			Top ten	54%		58%			56%			Median	72%	5%	

Some states not reporting

## Five most improved US states

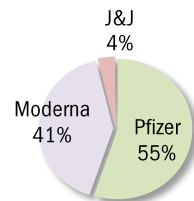
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
FL	-1,695	FL	-125	PA	-29	AK	+50 bp
CH	-394	TX	-30	CT	-16	ME	+30 bp
CA	-331	MI	-18	KY	-15	NJ	+21 bp
PA	-236	CA	-15	AL	-10	DC	+20 bp
AR	-206	NY	-9	AR	-9	DE	+20 bp



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	395,238,005				+0.353 million	US	46.7%	54.3%
Doses administered	338,482,510				+0.671 million	UK	49.0%	66.3%
Administered	One dose	% Pop	Immune	% pop	New immune today	France	31.2%	50.3%
Total population	186,332,496	56%	160,426,092	48%	+0.379 million	Spain	39.5%	55.5%
Age 12 to 17	8,954,414	35%	6,777,109	27%	+0.077 million	Germany	37.6%	55.2%
Age 18 to 64	127,281,715	63%	109,112,934	54%	+0.254 million	Italy	32.2%	57.0%
Age 65 and over	49,875,000	91%	44,409,125	81%	+0.045 million	Australia	6.8%	24.5%



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 **211 days** by Jan 29, 2022

59.4% of population >18 immunized  
11.5% previously tested positive  
**70.9%** vs 60% adult herd immunity\*

Global data differs from sources, timing

AK
60.9%
49.6%
43.5%

ME	NH
72.9%	71.5%
66.6%	62.6%
61.8%	56.2%

<b>WA</b> 65.0% 61.5% 54.8%	<b>ID</b> 49.6% 39.7% 36.2%	<b>MT</b> 55.3% 47.9% 43.1%	<b>ND</b> 49.5% 44.0% 39.0%	<b>MN</b> 61.0% 57.1% 52.1%	<b>IL</b> 61.3% 59.6% 46.4%	<b>MI</b> 61.4% 51.6% 47.3%	<b>NY</b> 64.9% 60.2% 54.3%	<b>MA</b> 74.0% 70.6% 61.9%		
<b>OR</b> 70.6% 58.9% 53.9%	<b>NV</b> 53.0% 49.9% 42.2%	<b>WY</b> 47.6% 39.4% 34.6%	<b>SD</b> 57.6% 50.7% 45.5%	<b>IA</b> 57.8% 51.5% 48.1%	<b>IN</b> 52.9% 44.7% 40.1%	<b>OH</b> 55.9% 48.3% 44.9%	<b>PA</b> 65.4% 63.0% 49.9%	<b>NJ</b> 68.6% 63.1% 55.4%	<b>CT</b> 69.8% 67.2% 60.9%	<b>RI</b> 74.4% 64.8% 59.2%
<b>CA</b> 65.6% 61.7% 50.1%	<b>UT</b> 53.0% 48.9% 37.5%	<b>CO</b> 64.1% 58.1% 52.1%	<b>NE</b> 56.9% 51.8% 47.8%	<b>MO</b> 52.5% 45.1% 39.2%	<b>KY</b> 53.0% 49.6% 43.7%	<b>WV</b> 56.0% 43.8% 37.4%	<b>VA</b> 64.0% 59.3% 52.1%	<b>MD</b> 73.7% 62.1% 56.3%	<b>DE</b> 69.2% 58.3% 50.3%	
<b>AZ</b> 58.8% 50.6% 43.2%	<b>NM</b> 59.8% 63.1% 54.8%	<b>KS</b> 55.9% 49.3% 42.1%	<b>AR</b> 50.1% 42.2% 34.4%	<b>TN</b> 49.0% 41.8% 35.5%	<b>NC</b> 58.8% 48.8% 42.0%	<b>SC</b> 54.5% 44.4% 38.9%	<b>DC</b> 79.1% 61.5% 52.5%			
<b>HI</b> 71.7% 70.0% 52.0%	<b>OK</b> 53.6% 45.0% 38.6%	<b>LA</b> 46.3% 38.6% 35.1%	<b>MS</b> 47.5% 36.3% 29.8%	<b>AL</b> 52.2% 40.0% 32.7%	<b>GA</b> 55.6% 43.5% 36.7%	<b>TX</b> 58.2% 48.3% 41.4%	<b>FL</b> 62.0% 53.9% 46.1%	<b>PR</b> 68.3% 64.5% 55.1%		

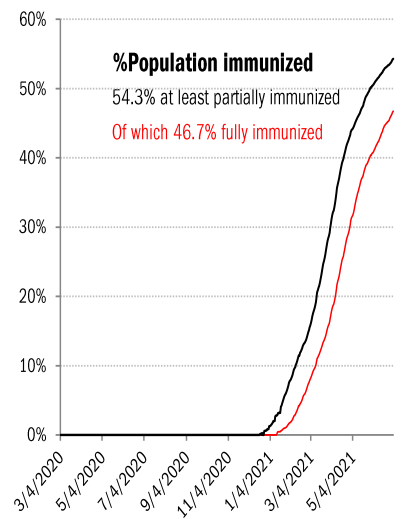
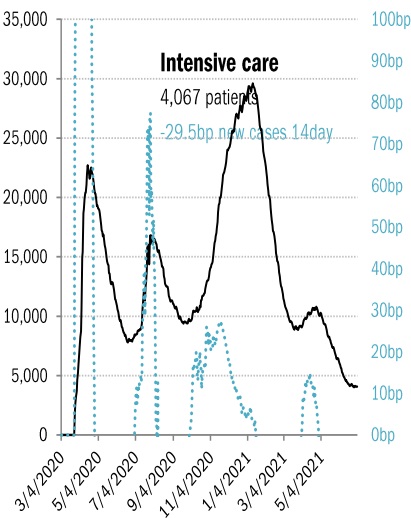
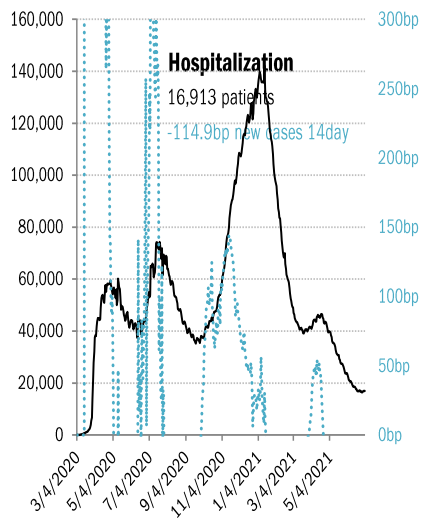
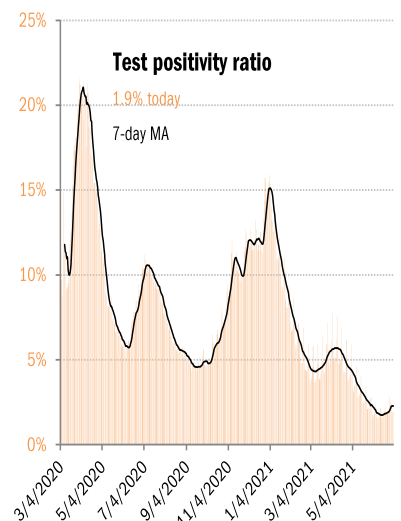
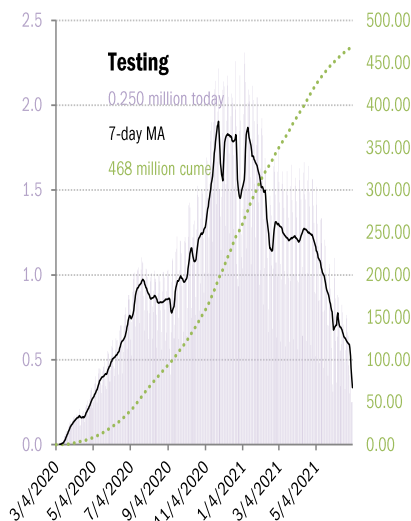
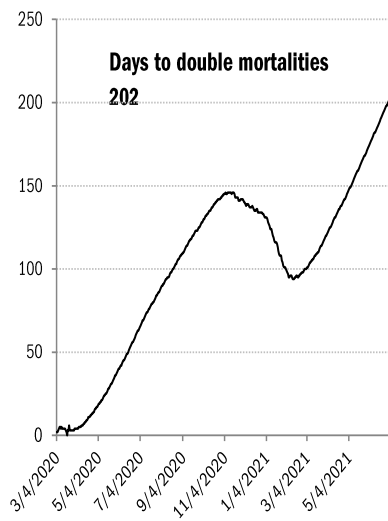
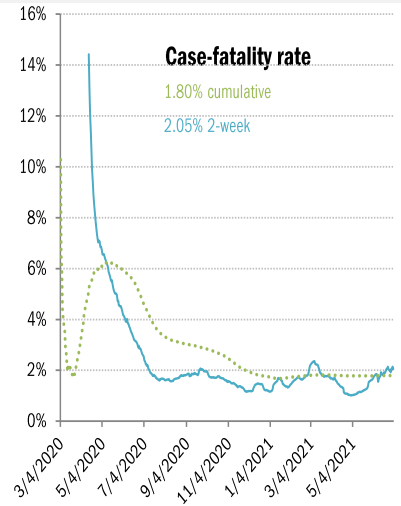
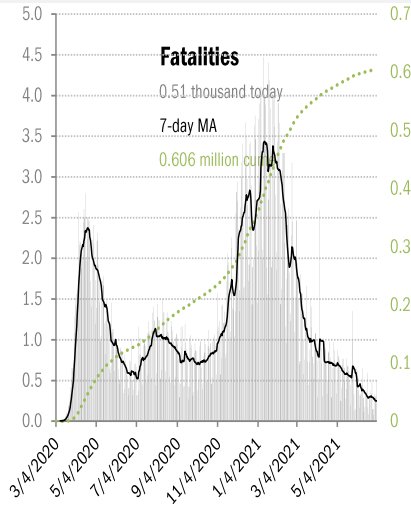
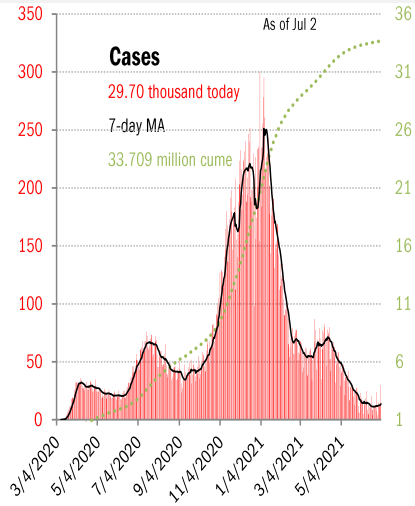
As of Jul 2

\* 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

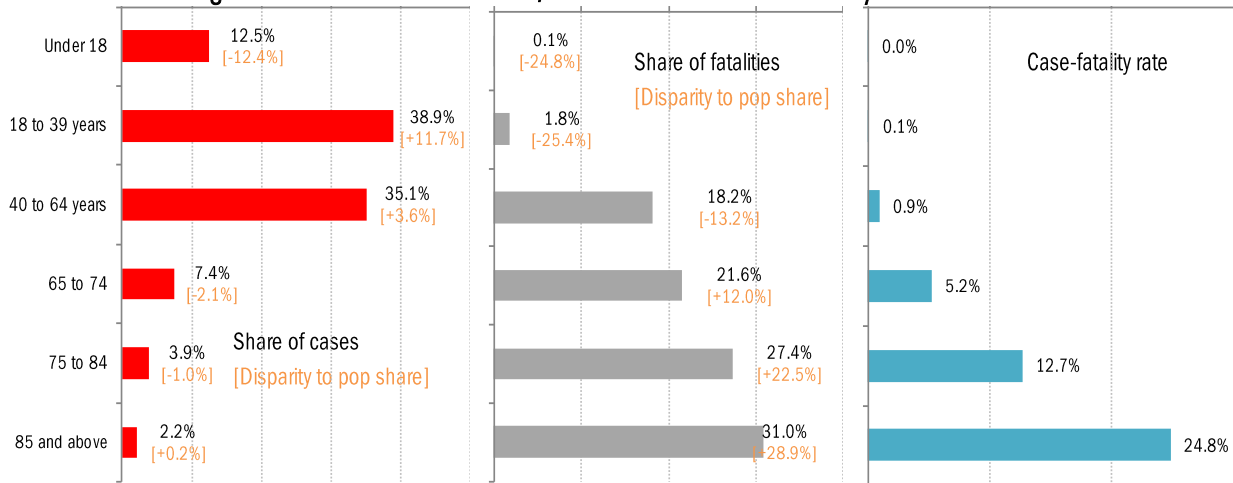
# US deep-dive

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

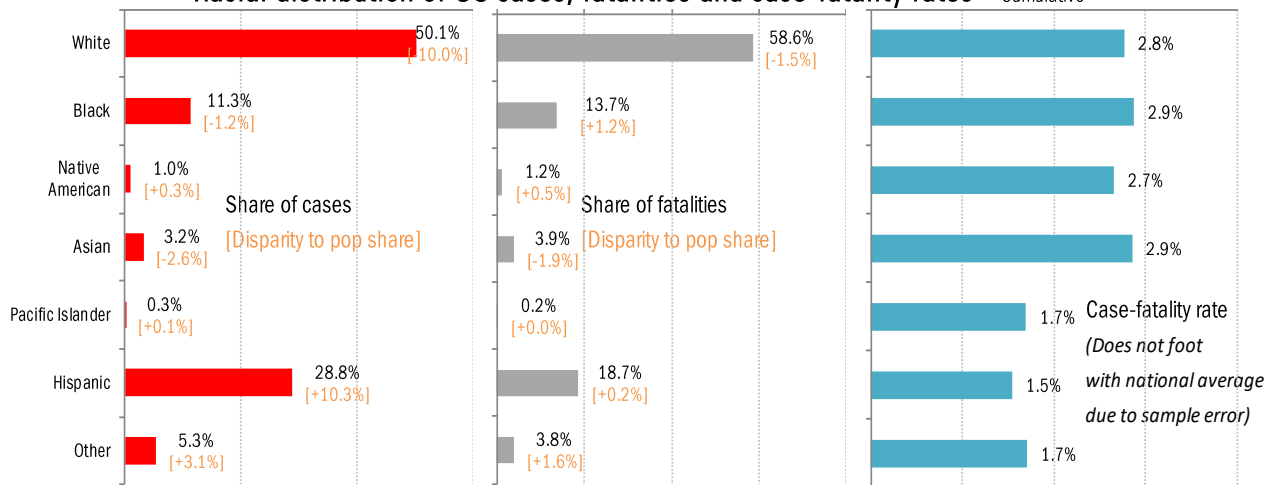


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

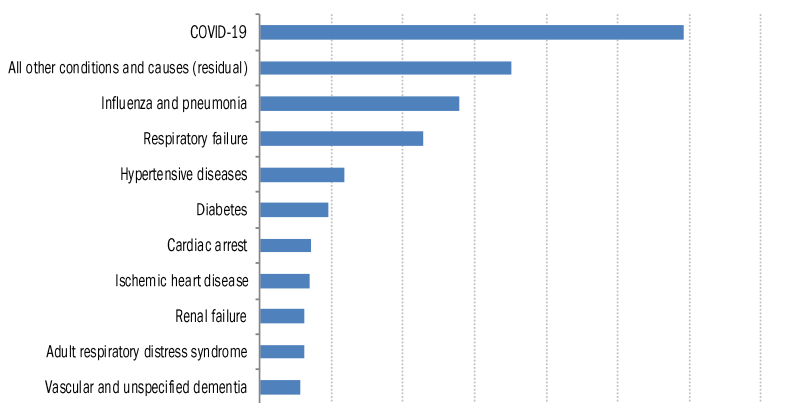


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Jun 20

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

[Why COVID is like AIDS](#)

Alex Berenson

*Substack*

June 29, 2021

[Big Tech cracks down on Robert Malone, mRNA vaccine pioneer who warns about their risks](#)

Greg Piper

*Just the News*

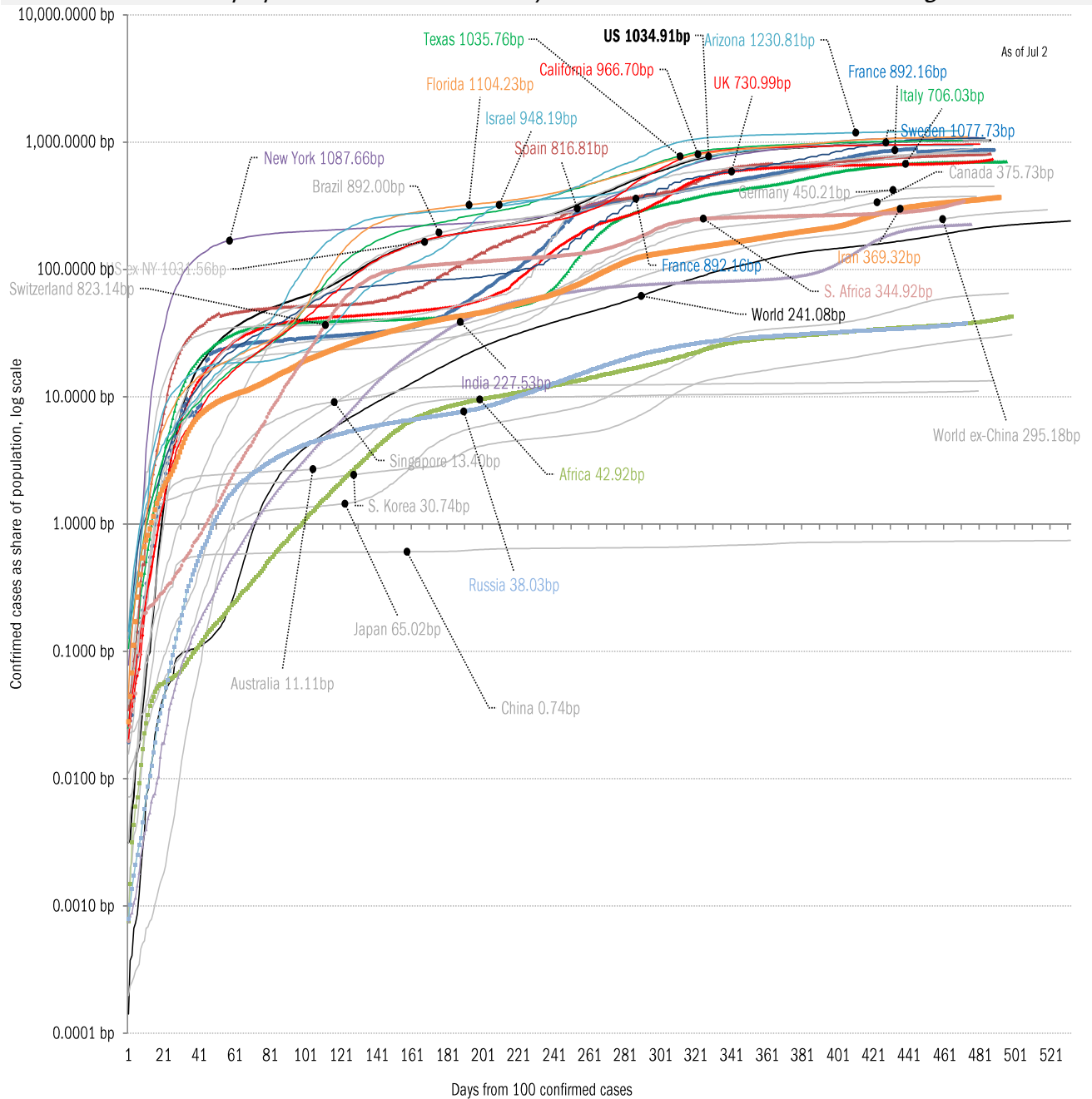
June 30, 2021

## Meme of the day



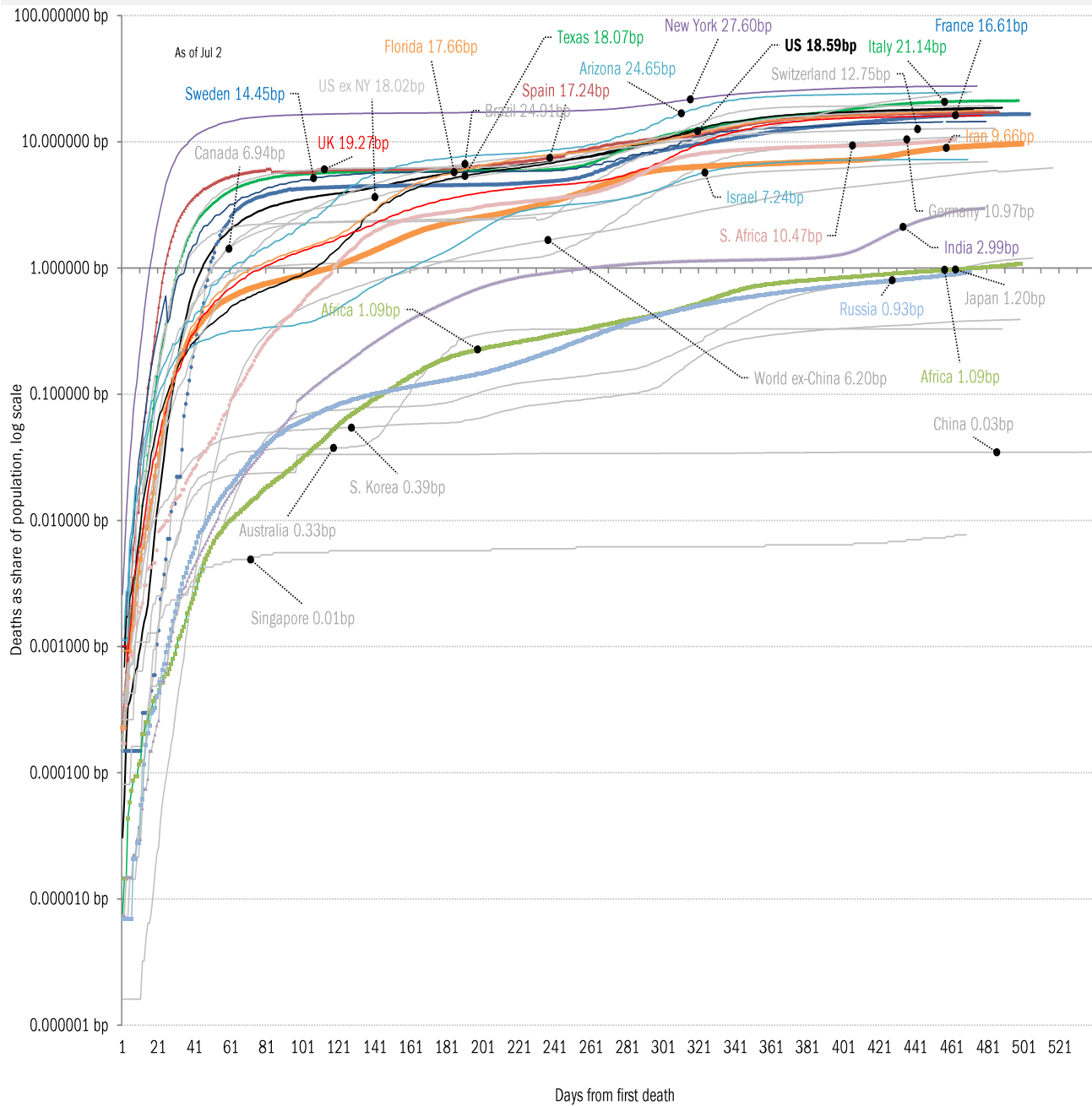
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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*



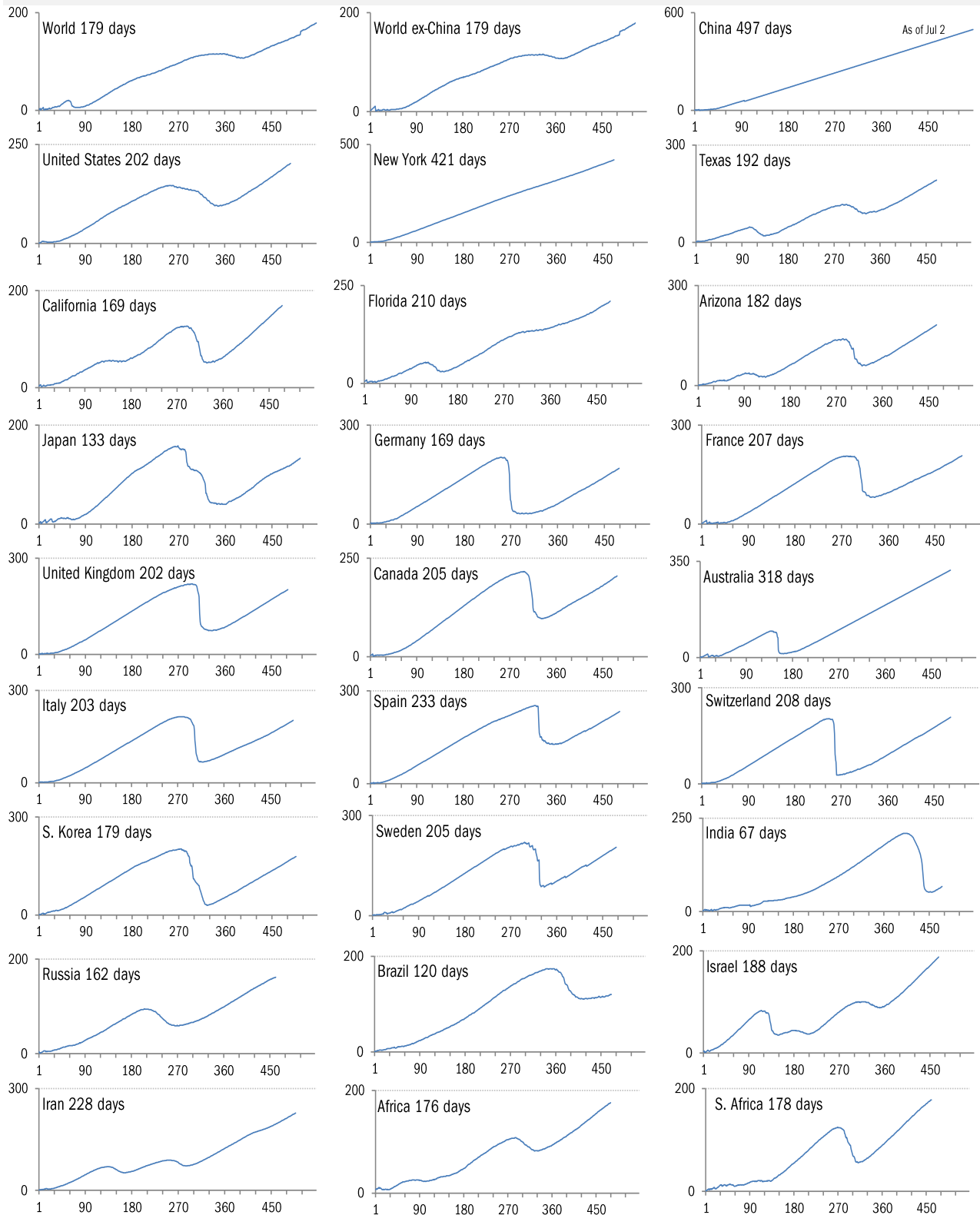
Source: [Johns Hopkins](#), TrendMacro calculations



# "Exponential"? Our most reliable evidence of the rate of spread of Covid-19

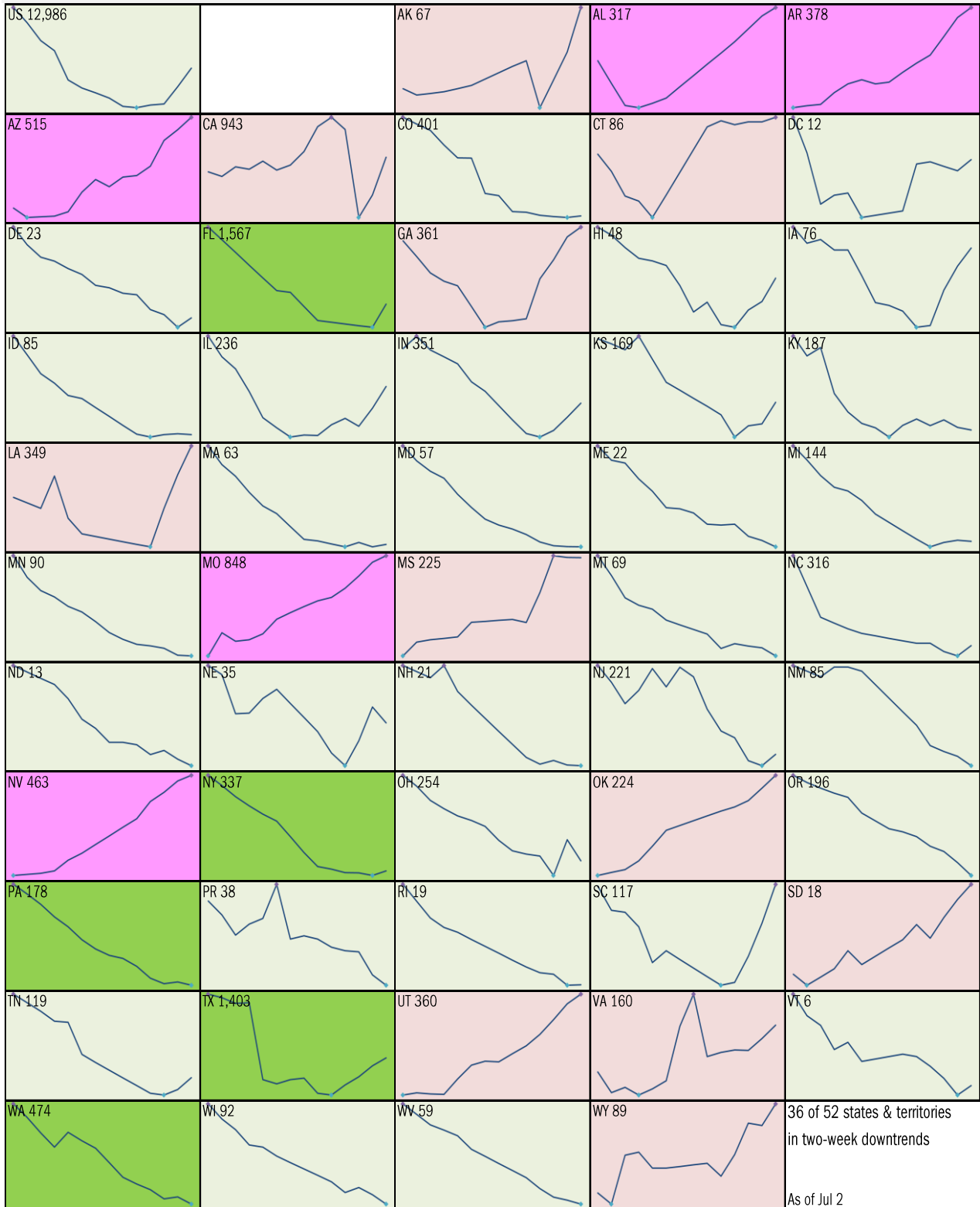
Vertical: days to double deaths Horizontal: days from first death

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

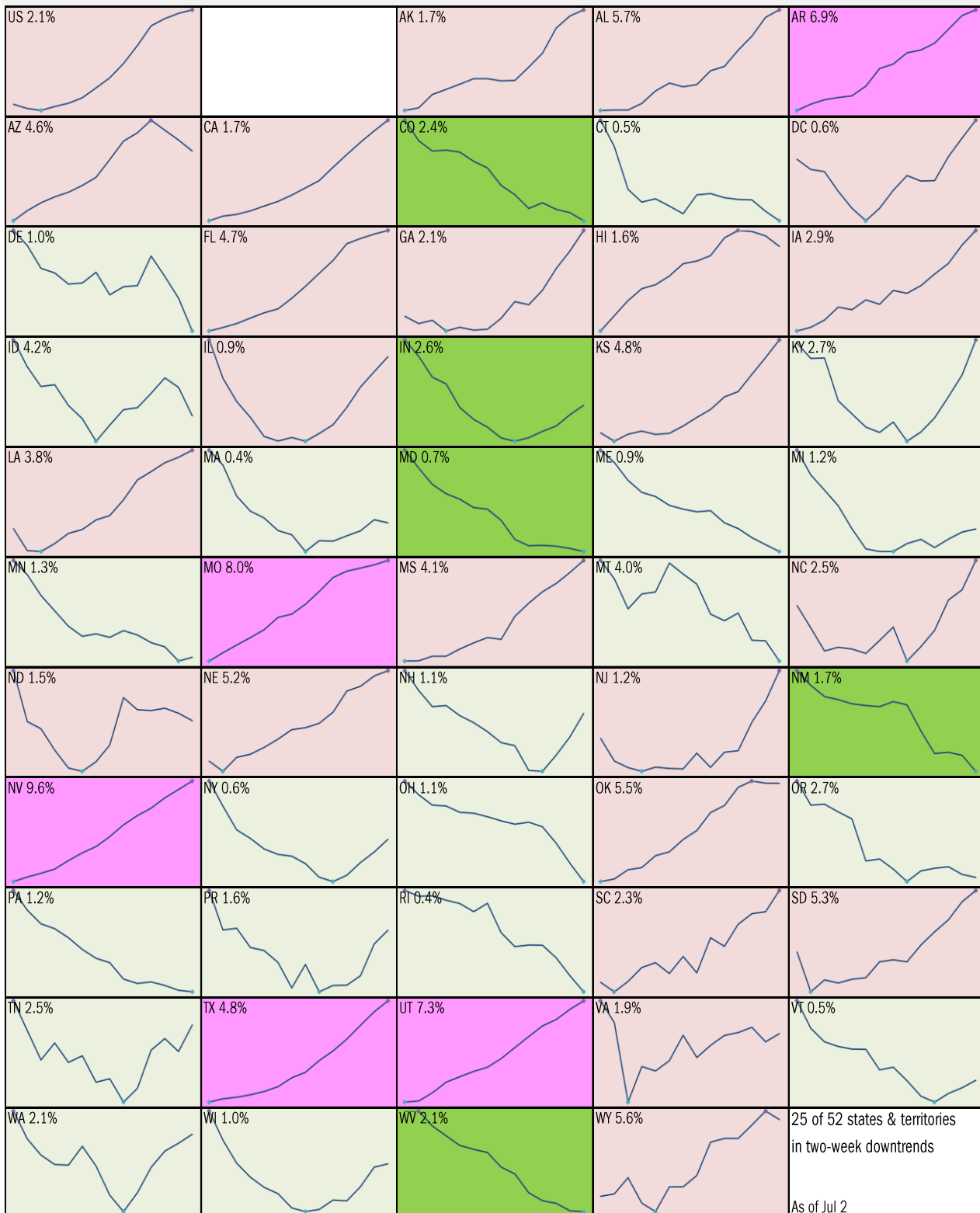


Source: [Johns Hopkins](#), TrendMacro calculations

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

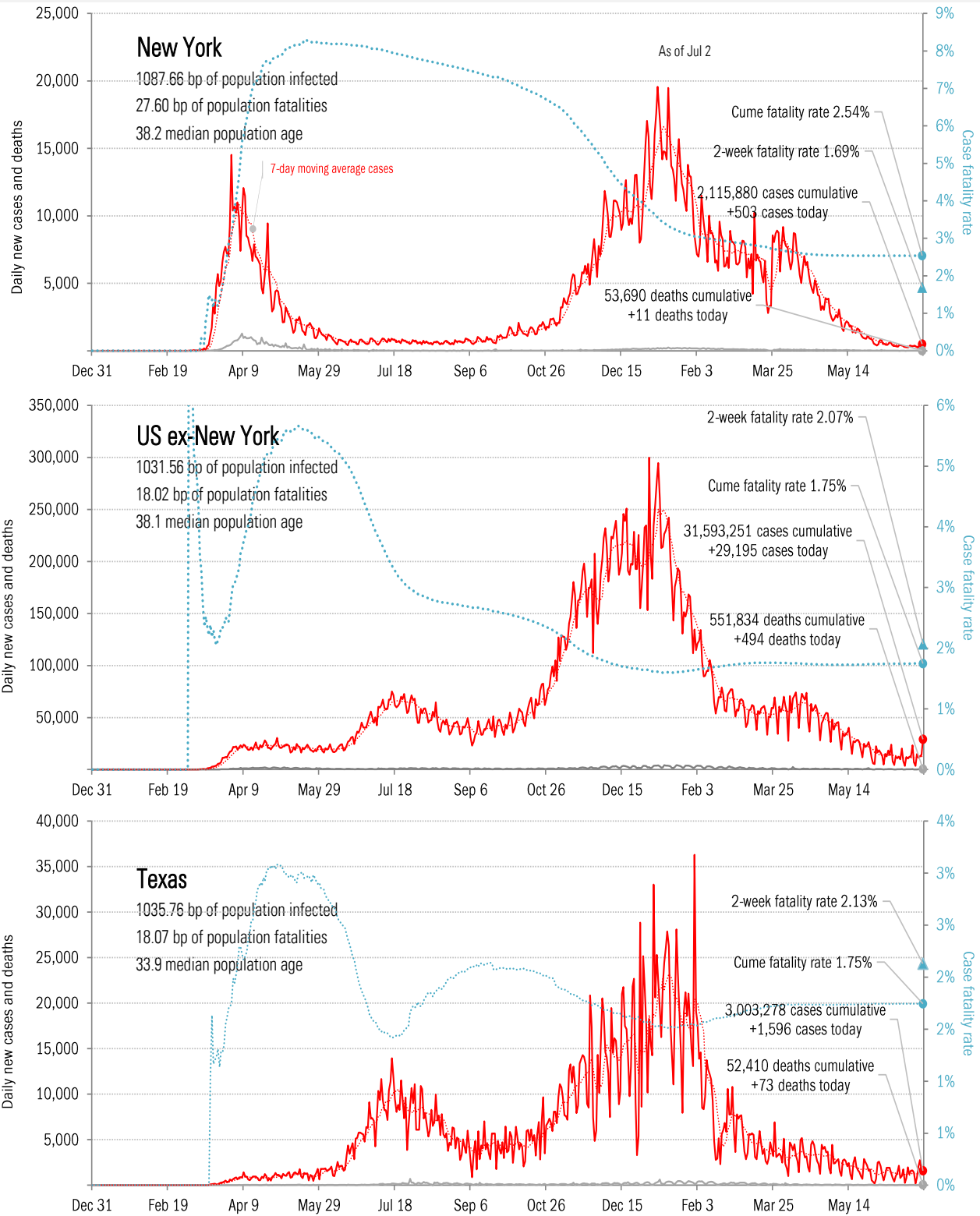
14-day moving average, last 14 days Most recent value displayed ● High ● Low

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



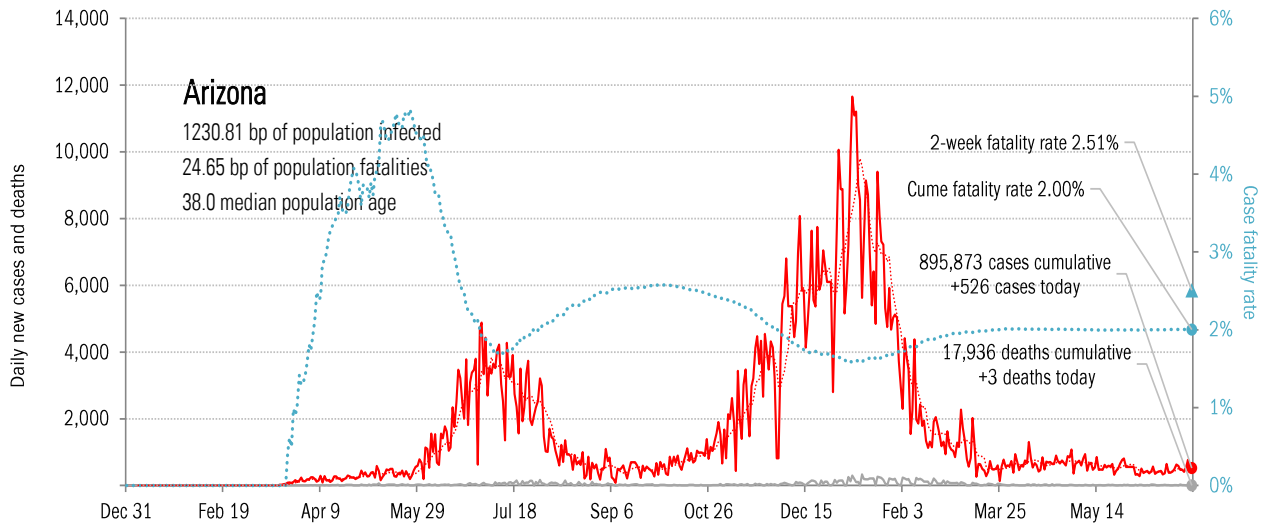
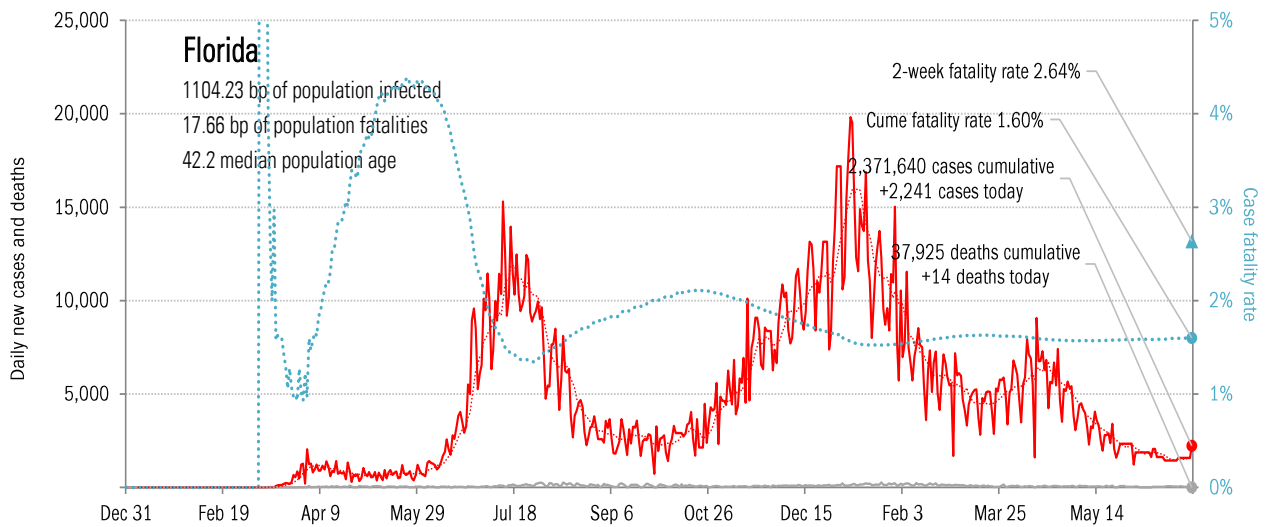
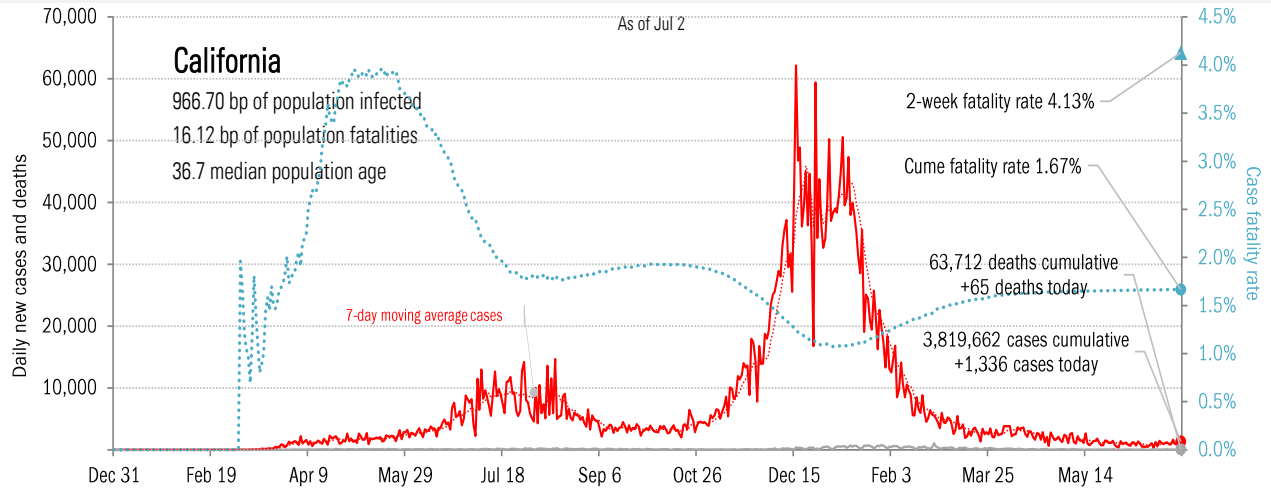
Source: [Covid Act Now](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



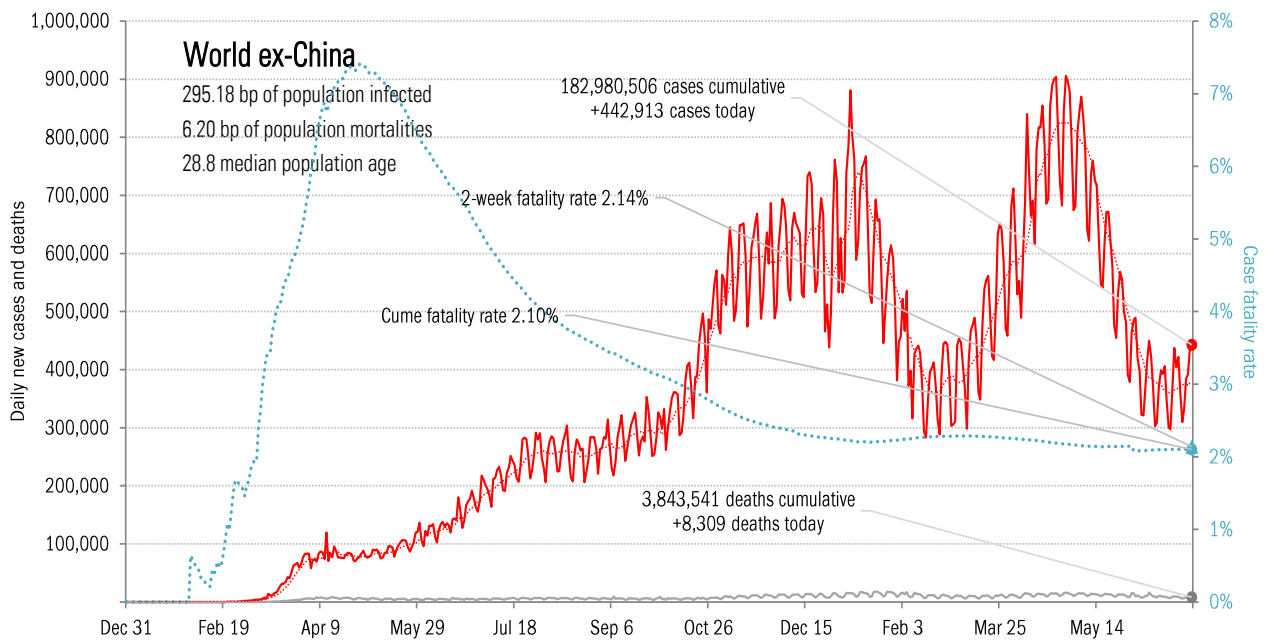
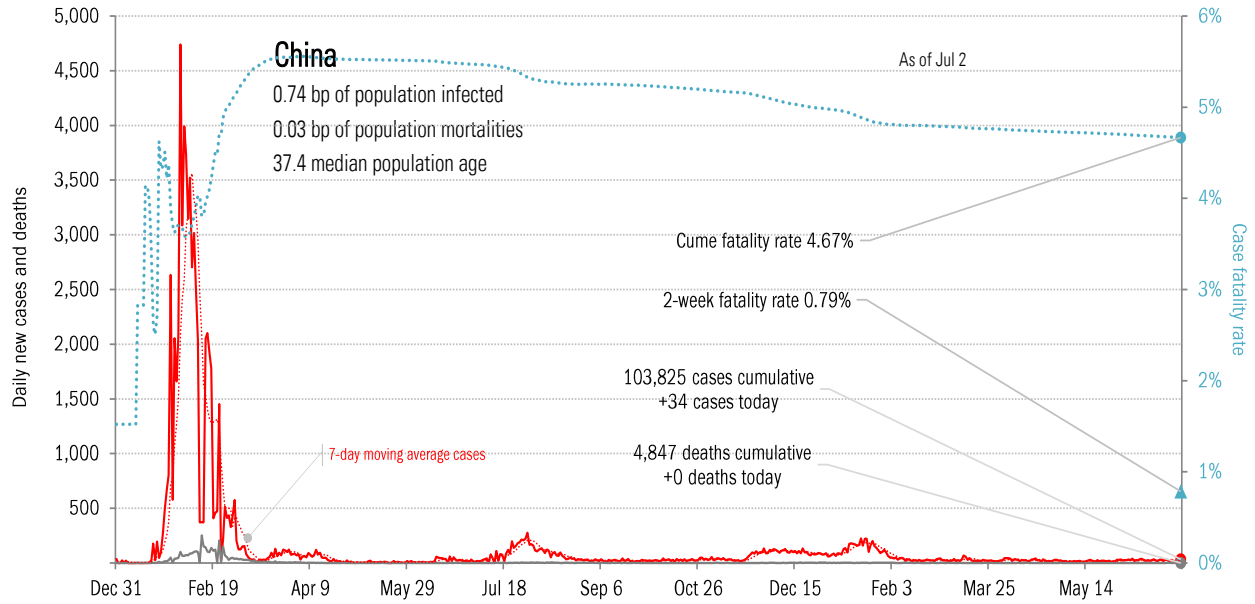
Source: [Johns Hopkins](#), TrendMacro calculations

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



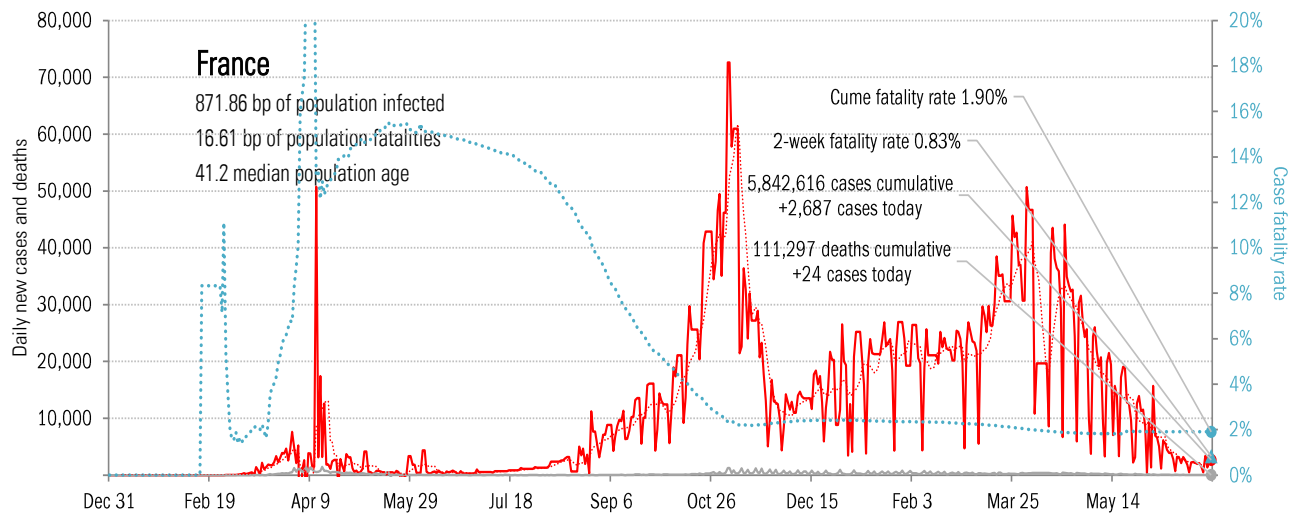
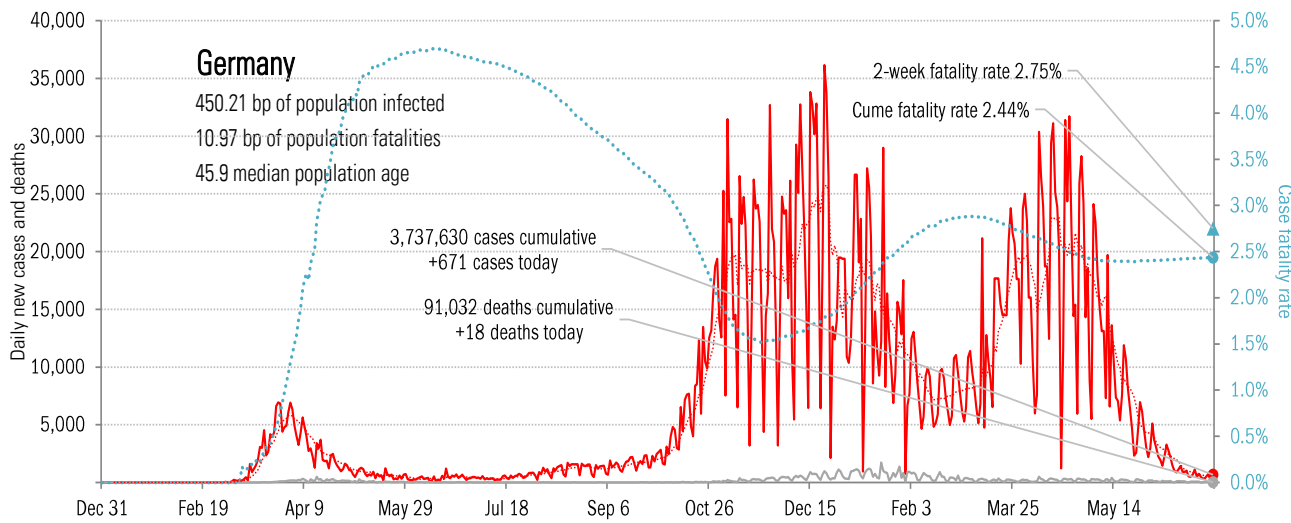
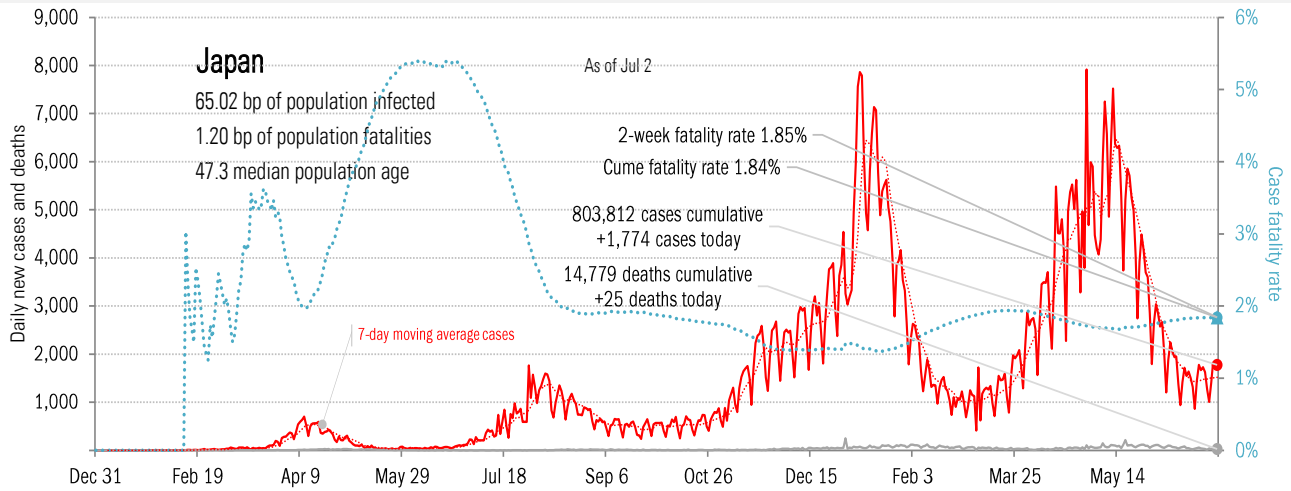
Source: [Johns Hopkins](#), TrendMacro calculations

# Patient zero... and then everyone else



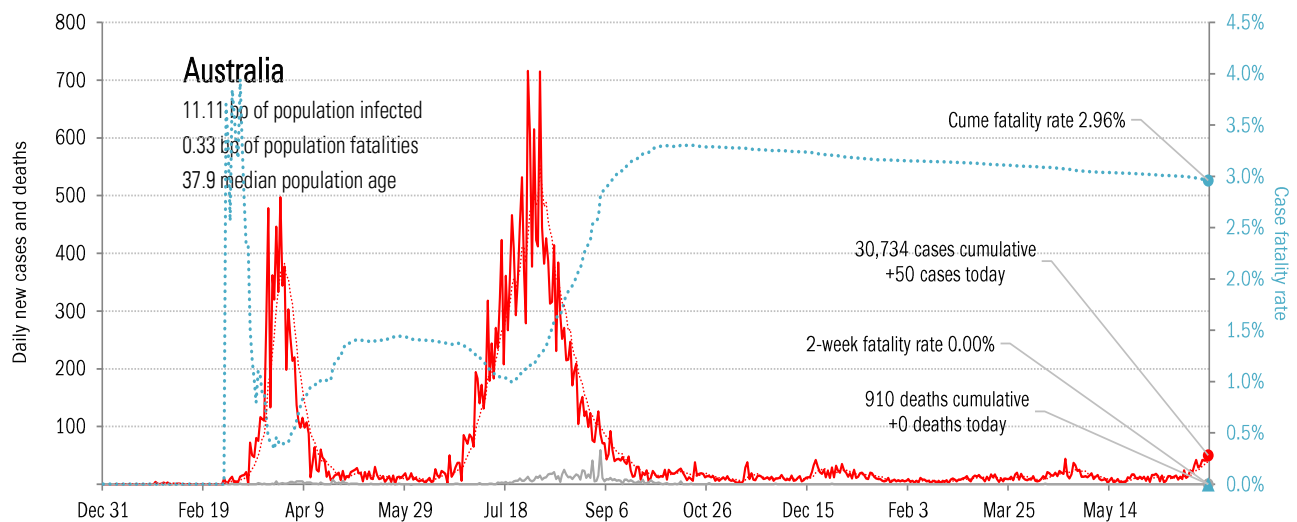
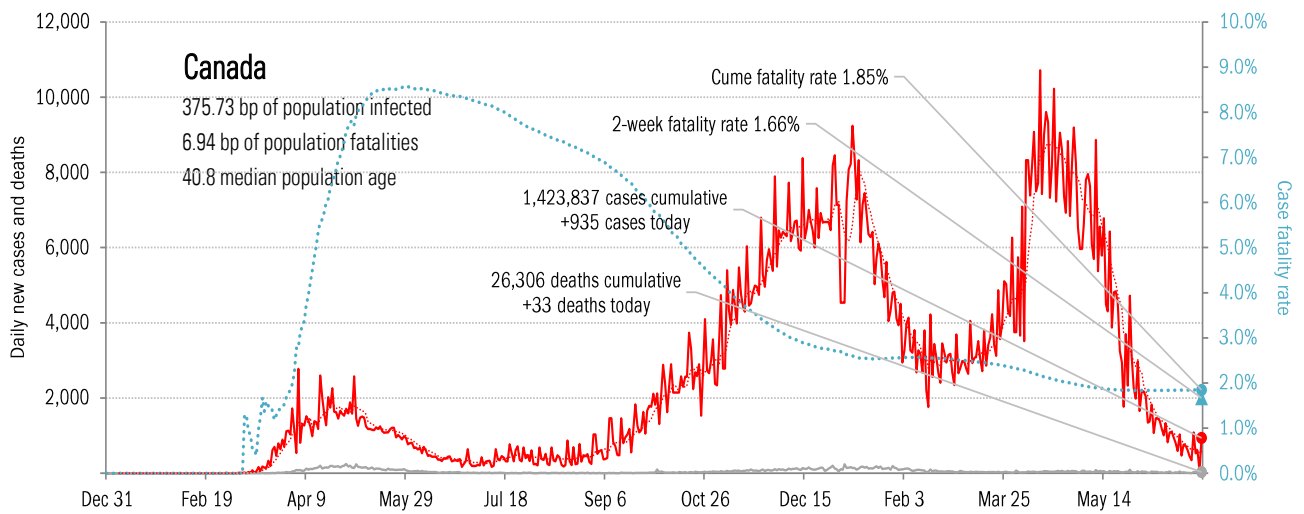
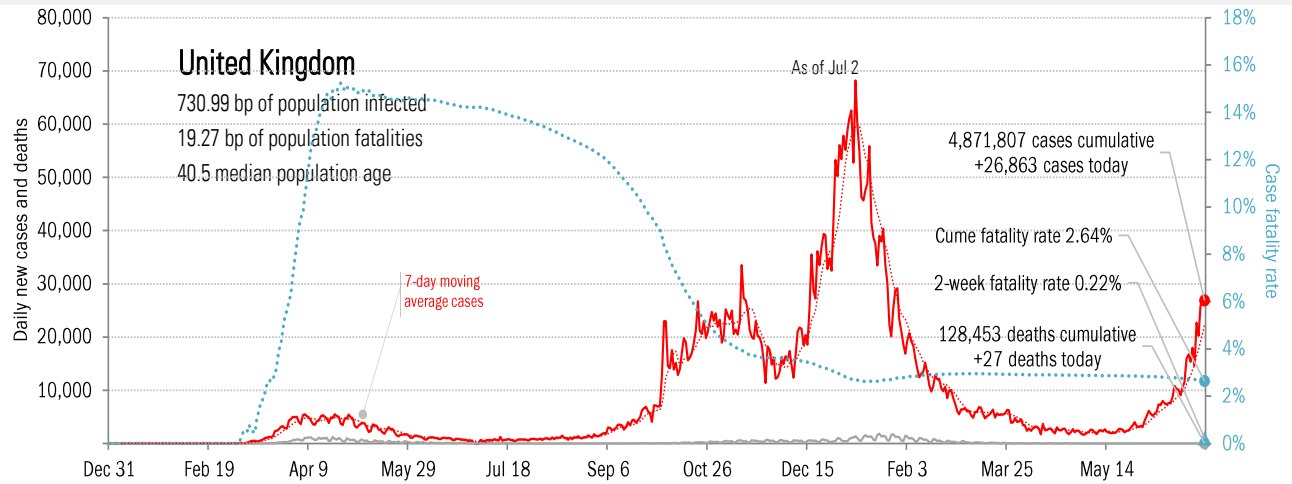
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the largest economies



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

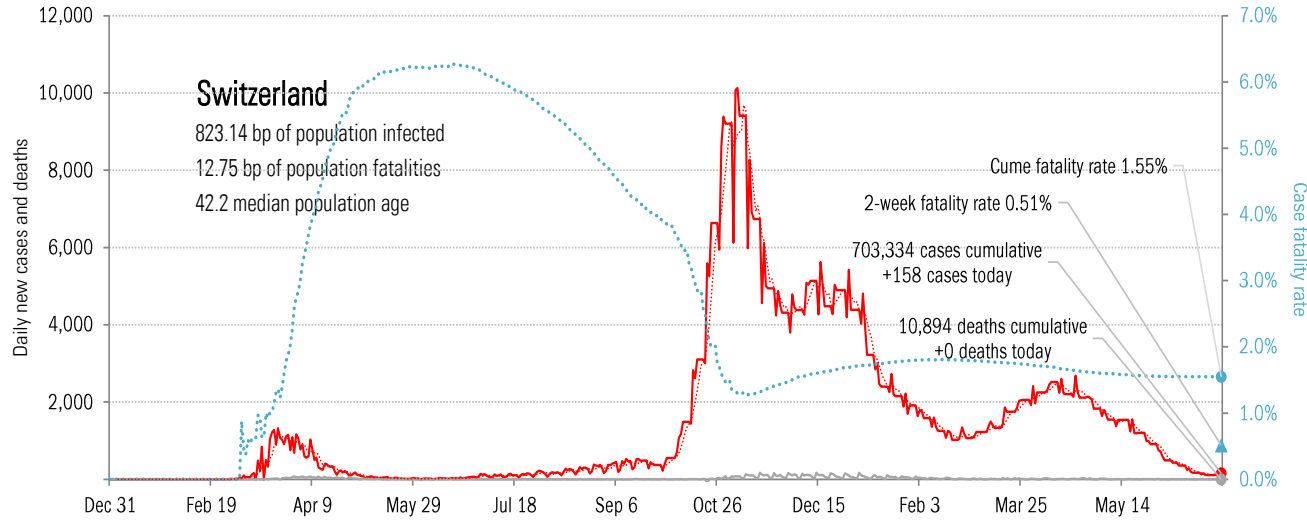
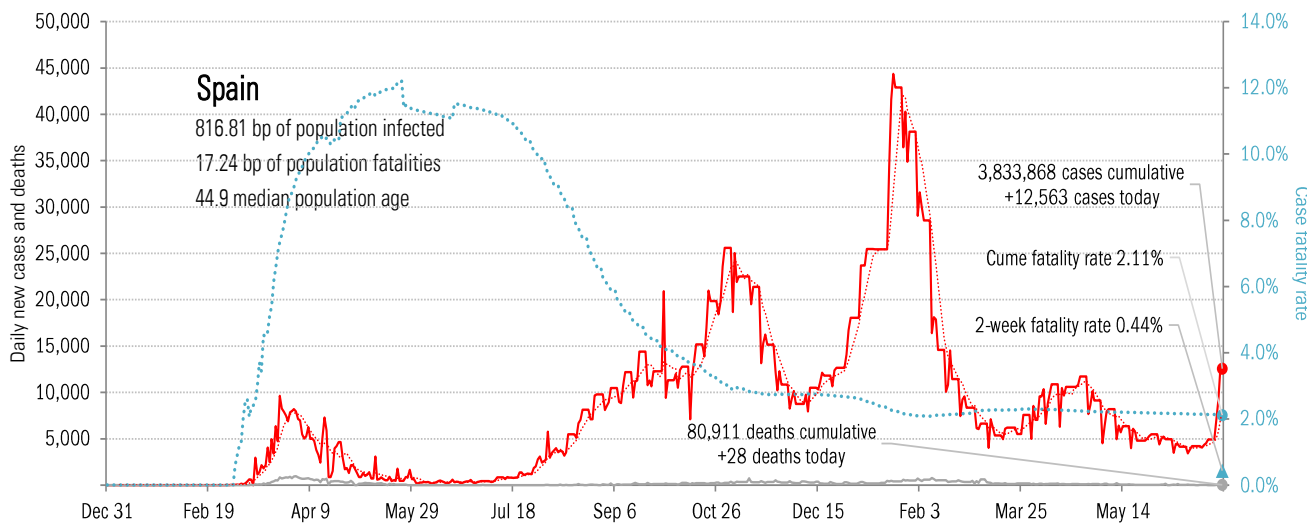
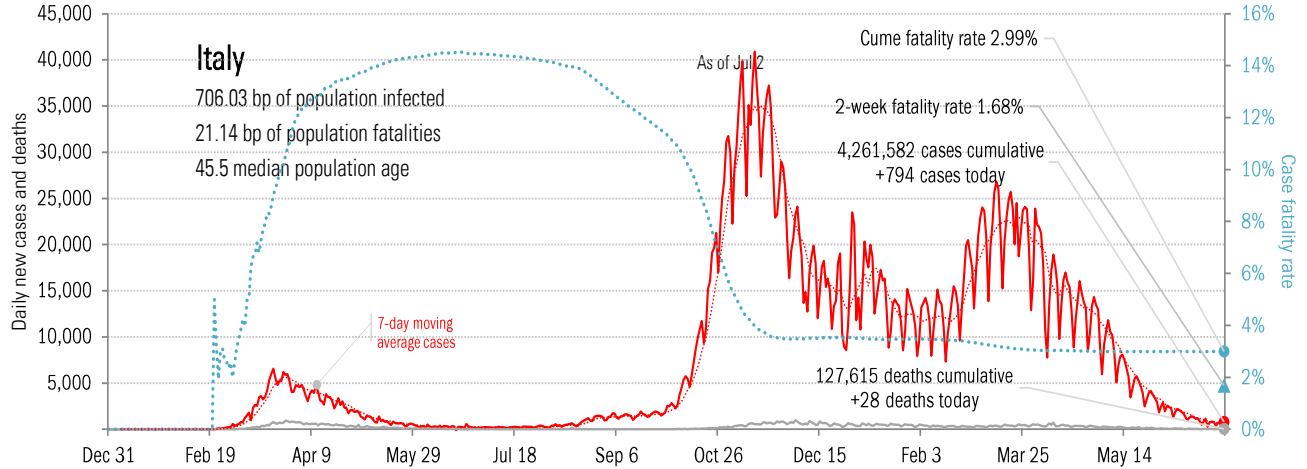
# Impact in The Anglosphere



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

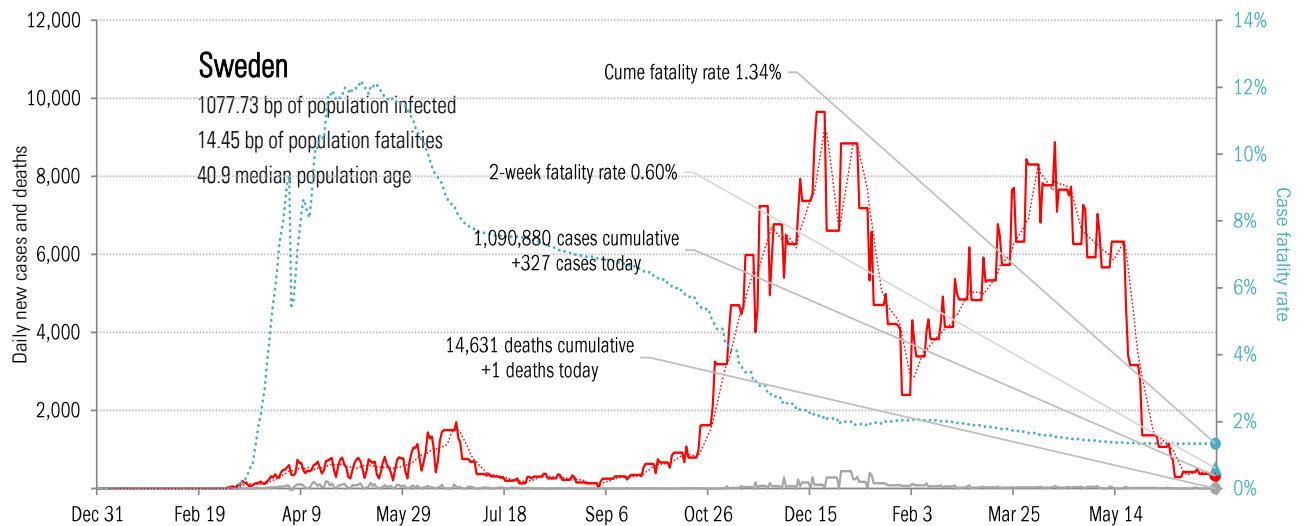
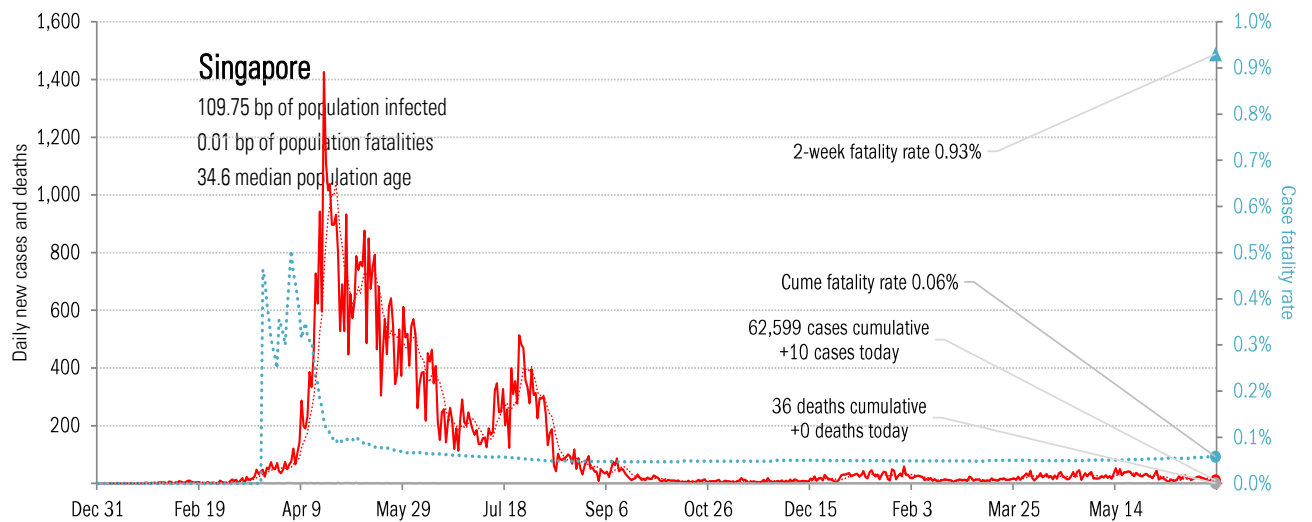
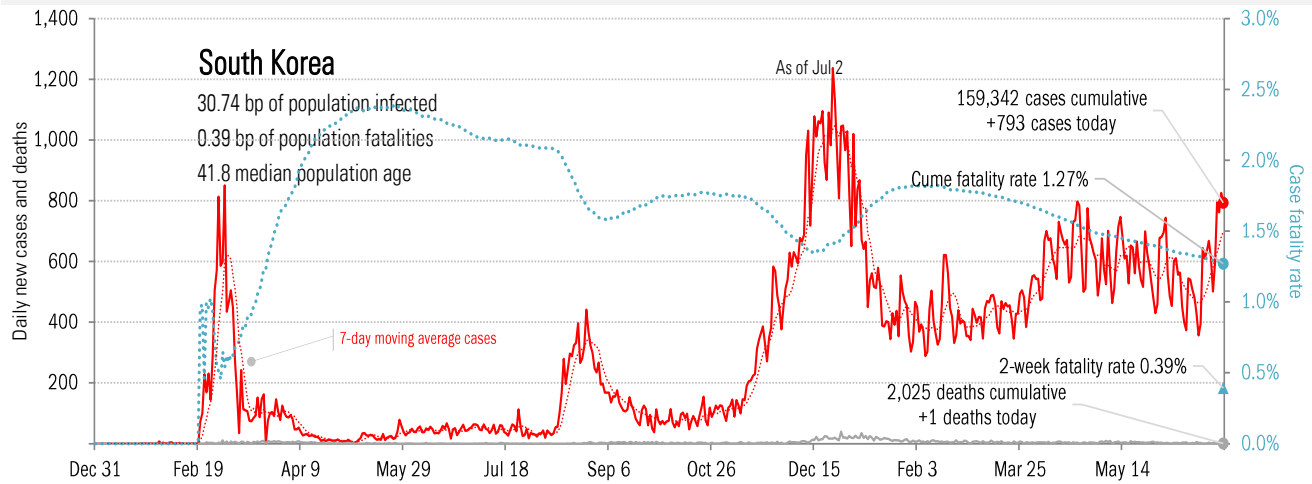


# Impact in continental Europe



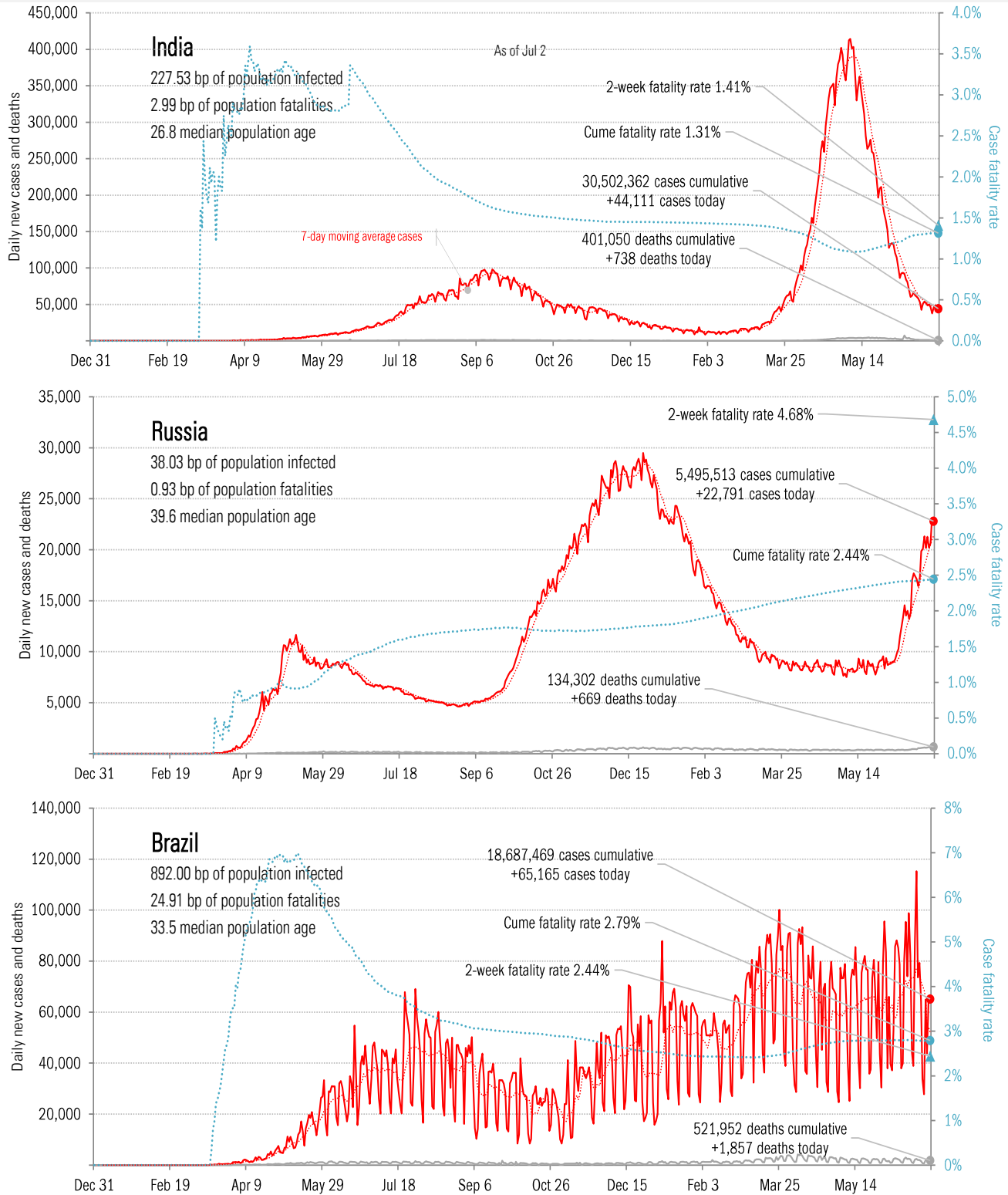
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in other hot-spots



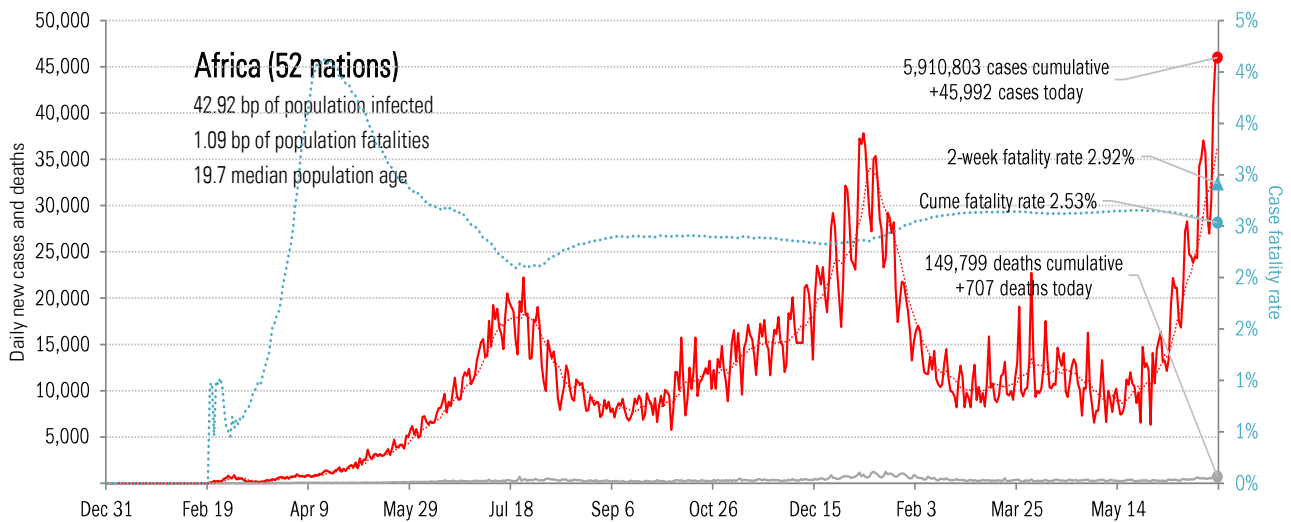
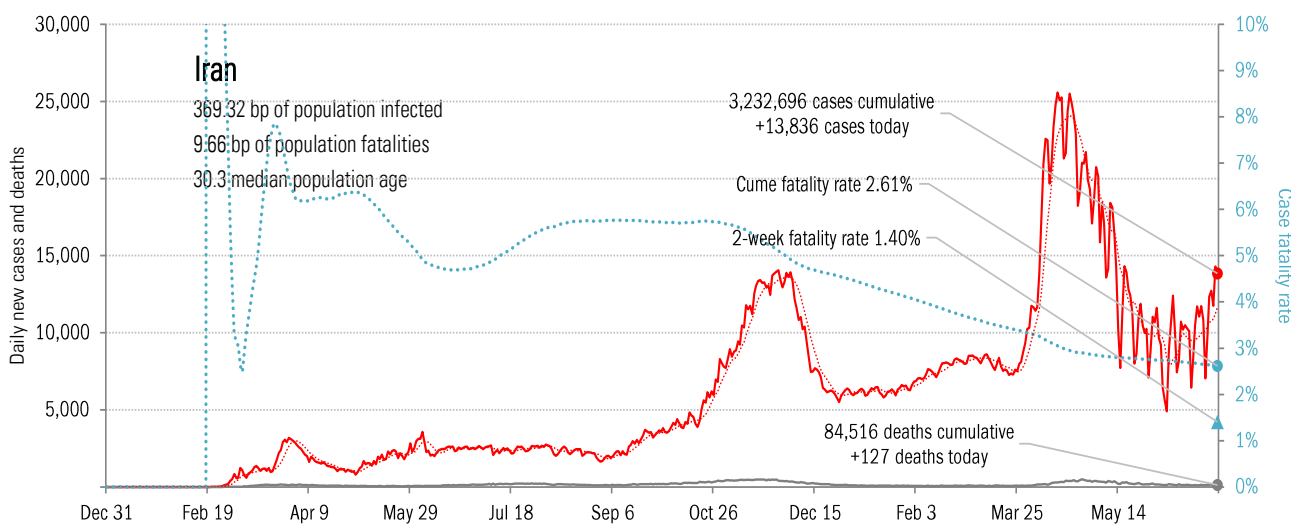
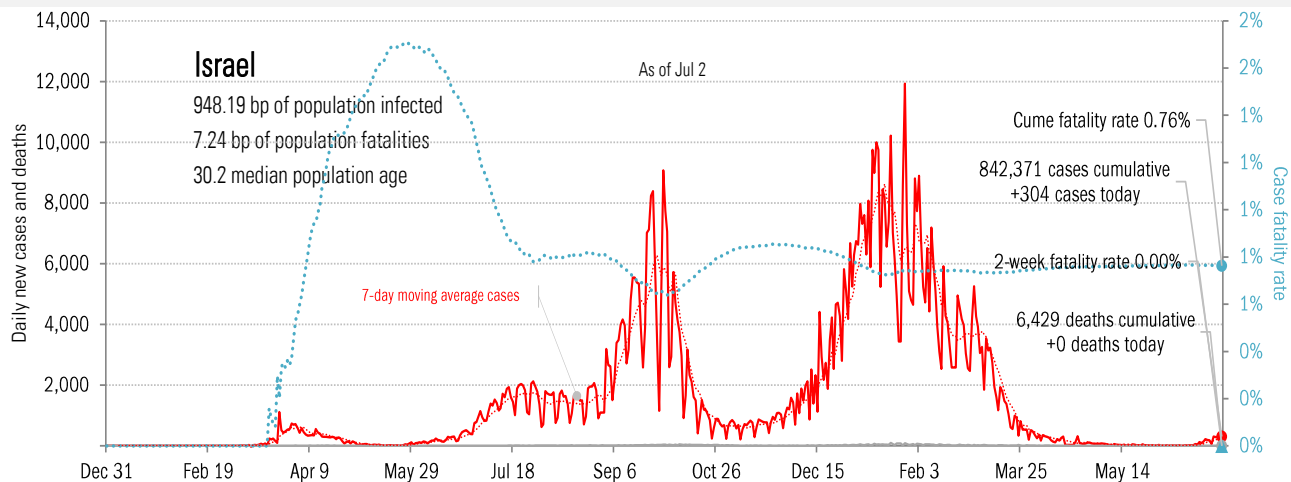
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the BRICs ex-China



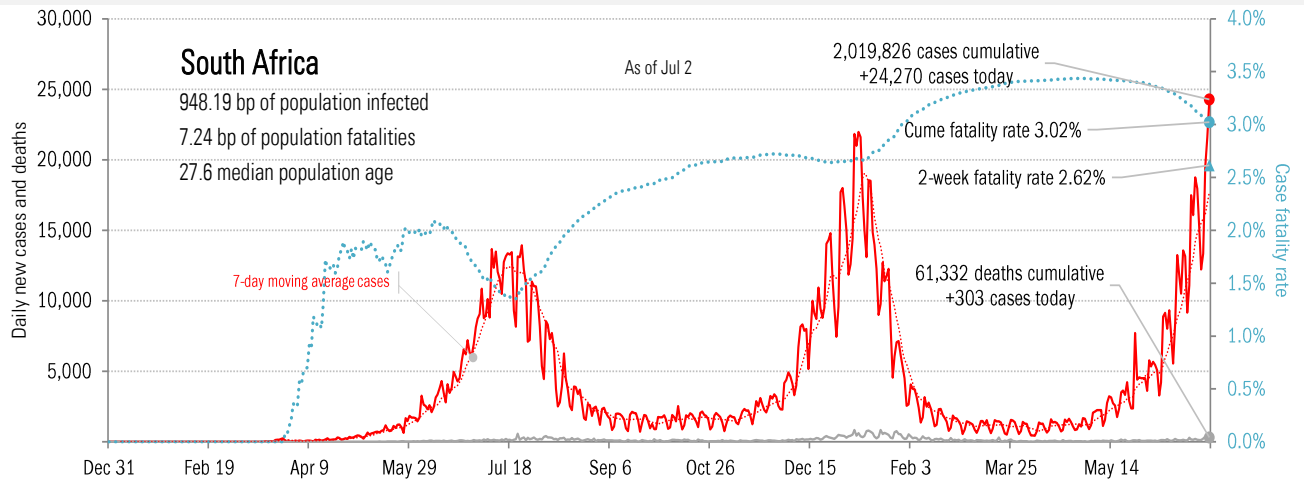
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the Middle East and Africa



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

# Impact in Africa, continued



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