

## Data Insights: Covid-2019 Monitor

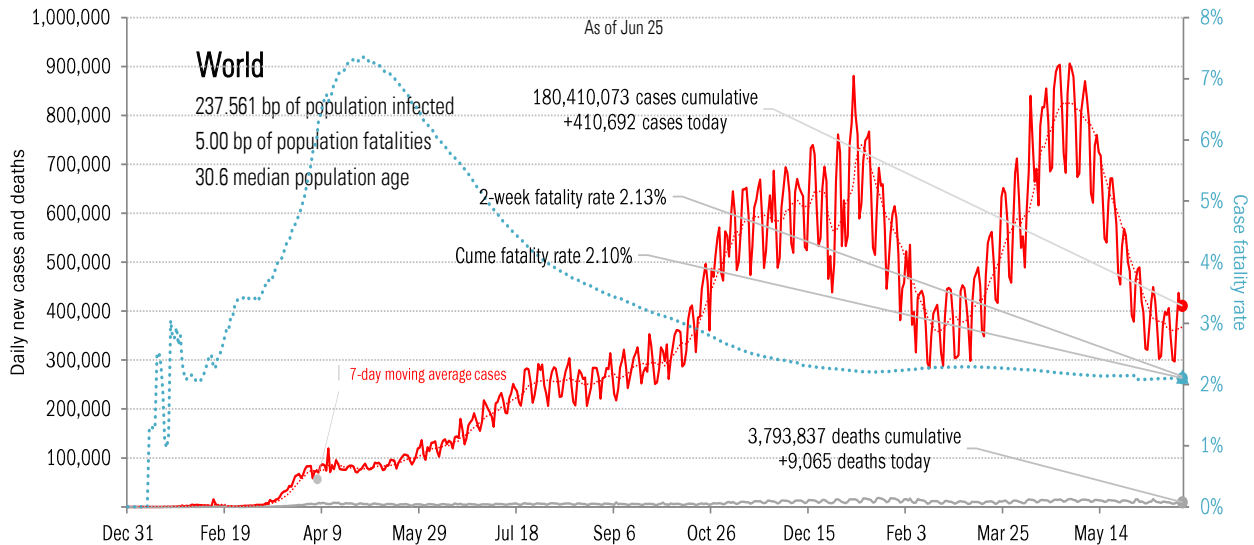
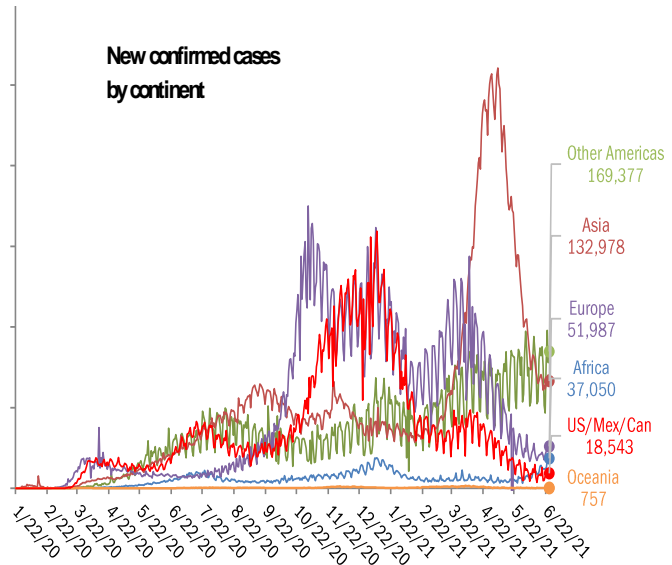
Saturday, June 26, 2021

### The global scorecard

The worst ten countries

New cases		New Deaths	
Brazil	+79,277	Brazil	+2,001
India	+48,698	India	+1,183
Colombia	+32,733	Colombia	+685
Argentina	+24,023	Russia	+591
Russia	+20,065	Argentina	+541
Indonesia	+18,872	Indonesia	+422
South Africa	+18,762	Peru	+374
United Kingdom	+15,374	United States	+349
United States	+12,667	Mexico	+278
Iran	+10,820	Chile	+215
<b>+281,291</b>		<b>+6,639</b>	
World	+410,692	World	+9,065
Top ten	68%	Top ten	73%

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

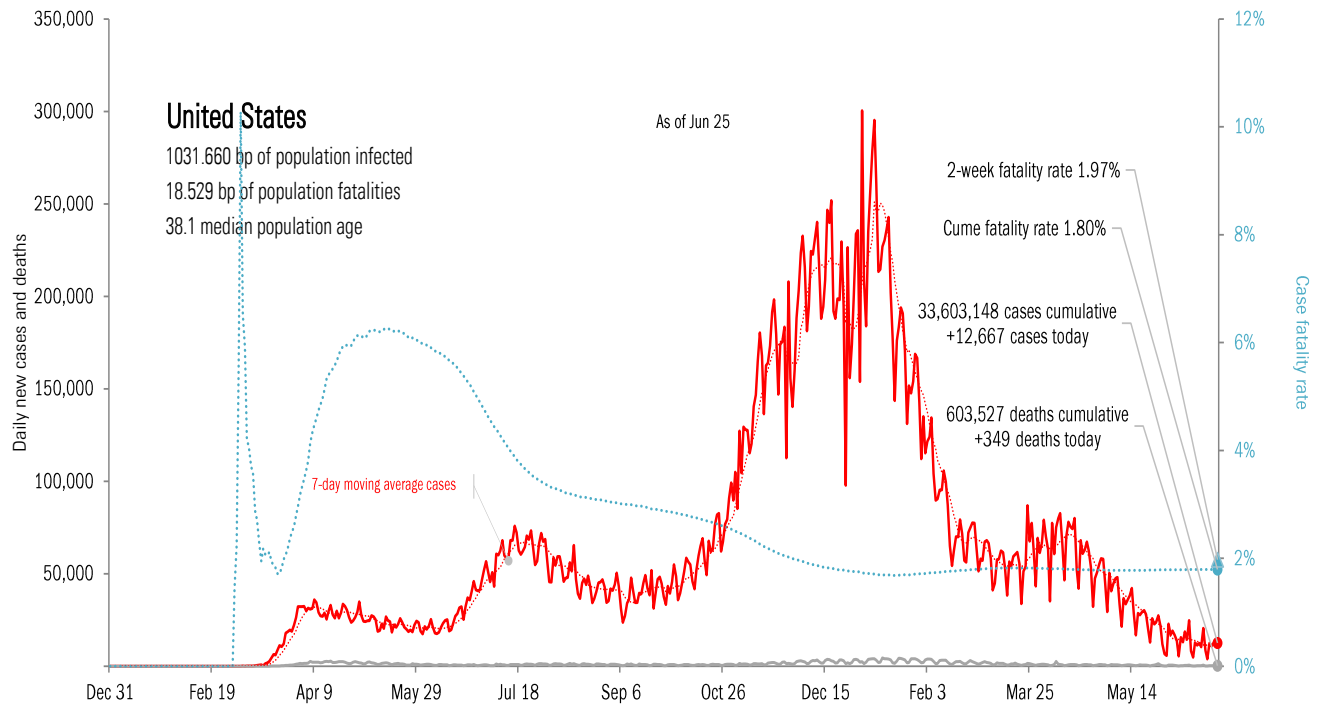
## The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	+1,623		CH	+68		KY	+89		CA	3,814,010		CA	63,536		TX	252,386		RI	92%	MO	14%
FL	+1,442		FL	+41		GA	+48		TX	2,992,812		NY	53,644		CA	239,030		MA	85%	WY	14%
CA	+1,185		CA	+35		AR	+15		FL	2,358,352		TX	52,246		FL	184,986		MO	82%	UT	11%
MO	+891		TX	+29		IL	+11		NY	2,113,398		FL	37,675		NY	136,011		PA	82%	CO	11%
NV	+804		AZ	+28		MO	+7		IL	1,390,432		PA	27,636		GA	108,528		CA	81%	ID	10%
AZ	+587		VA	+15		NV	+7		PA	1,215,889		NJ	26,428		PA	91,346		MD	81%	AR	10%
AL	+540		MI	+14		AZ	+6		GA	1,132,661		IL	25,632		CH	87,353		CT	81%	WA	9%
WA	+492		SC	+14		CA	+6		CH	1,110,292		GA	21,369		IL	82,191		MN	79%	OK	8%
CO	+402		UT	+14		CT	+6		NJ	1,022,443		MI	20,959		KY	77,454		MI	78%	TX	8%
NC	+388		NJ	+12		UT	+6		NC	1,012,343		CH	20,281		#N/A	0		FL	78%	NV	8%
+8,354			+270			+201			18,162,632			349,406			1,259,285						
All states	+14,109		+390			+17			All states	33,603,148		603,527			2,372,046			All states	70%	67%	
Top ten	59%		69%			1182%			Top ten	54%		58%			53%			Median	73%	5%	

Some states not reporting

## Five most improved US states

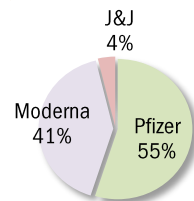
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
FL	-1,051	CA	-42	TX	-88	FR	+70 bp
MO	-347	FL	-37	FL	-22	DC	+40 bp
PA	-207	MI	-17	IN	-16	FL	+30 bp
CO	-190	GA	-15	AL	-14	MP	+30 bp
LA	-155	NC	-11	TN	-14	NH	+30 bp



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	392,819,235				+0.026 million	US	45.3%	53.4%
Doses administered	330,683,792				+0.527 million	UK	47.3%	64.6%
Administered	One dose	% Pop	Immune	% pop	New immune today	France	27.5%	48.8%
Total population	183,104,712	55%	155,722,369	47%	+0.371 million	Spain	34.0%	52.0%
Age 12 to 17	8,459,352	33%	6,057,282	24%	+0.099 million	Germany	34.5%	53.0%
Age 18 to 64	124,991,534	61%	105,693,544	52%	+0.239 million	Italy	28.6%	54.4%
Age 65 and over	49,450,354	90%	43,864,661	80%	+0.030 million	Australia	4.7%	23.3%



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 **285 days** by Apr 5, 2022

71.5% of population >18 immunized  
14.1% previously tested positive  
**85.7%** vs 60% adult herd immunity\*

Global data differs from sources, timing

AK
60.7%
48.1%
42.1%

ME	NH
72.6%	71.2%
66.0%	61.8%
60.6%	55.2%

<table border="1"> <tr><th>WA</th><th>ID</th><th>MT</th><th>ND</th><th>MN</th><th>IL</th><th>MI</th></tr> <tr><td>64.7%</td><td>49.3%</td><td>55.0%</td><td>49.1%</td><td>60.8%</td><td>60.9%</td><td>61.2%</td></tr> <tr><td>60.6%</td><td>39.3%</td><td>47.4%</td><td>43.6%</td><td>56.6%</td><td>58.7%</td><td>51.1%</td></tr> <tr><td>53.5%</td><td>35.5%</td><td>41.9%</td><td>38.5%</td><td>50.7%</td><td>44.8%</td><td>46.4%</td></tr> </table>	WA	ID	MT	ND	MN	IL	MI	64.7%	49.3%	55.0%	49.1%	60.8%	60.9%	61.2%	60.6%	39.3%	47.4%	43.6%	56.6%	58.7%	51.1%	53.5%	35.5%	41.9%	38.5%	50.7%	44.8%	46.4%	<table border="1"> <tr><th>NY</th><th>MA</th></tr> <tr><td>64.5%</td><td>73.6%</td></tr> <tr><td>59.4%</td><td>69.9%</td></tr> <tr><td>52.8%</td><td>60.5%</td></tr> </table>	NY	MA	64.5%	73.6%	59.4%	69.9%	52.8%	60.5%								
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As of Jun 25

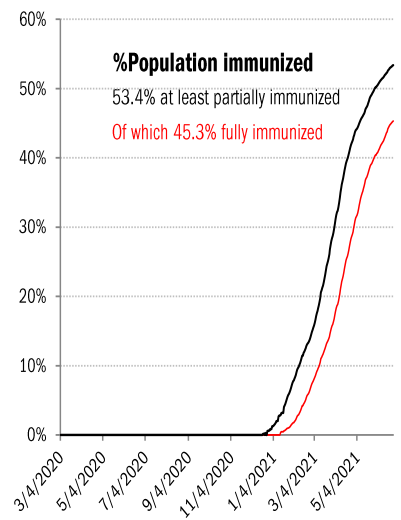
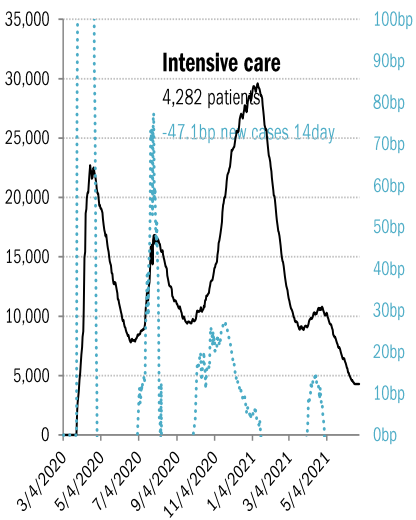
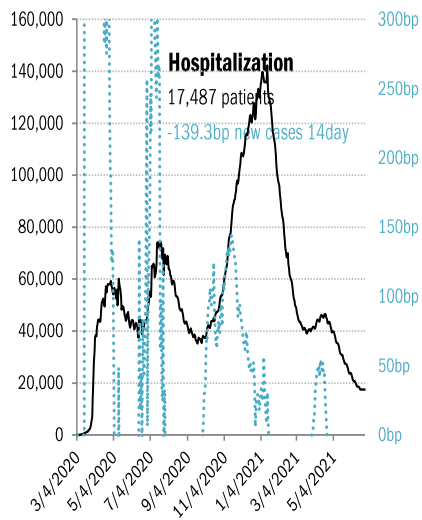
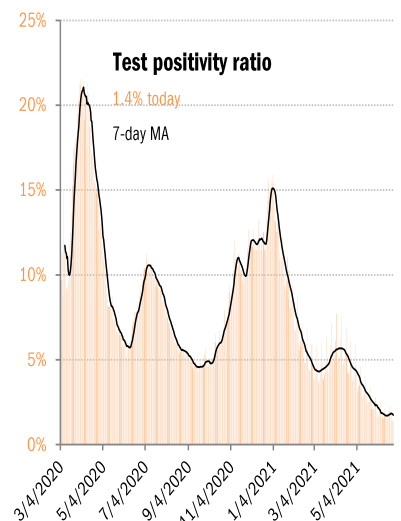
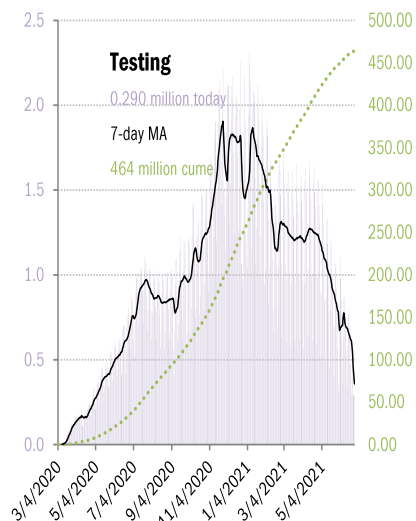
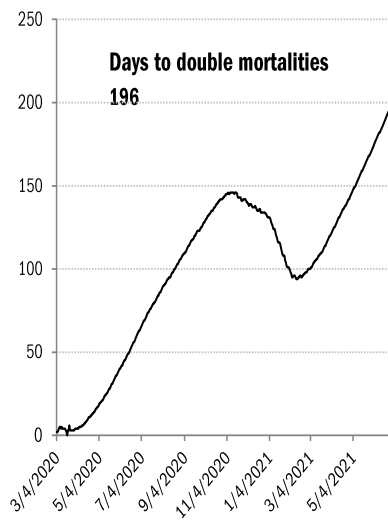
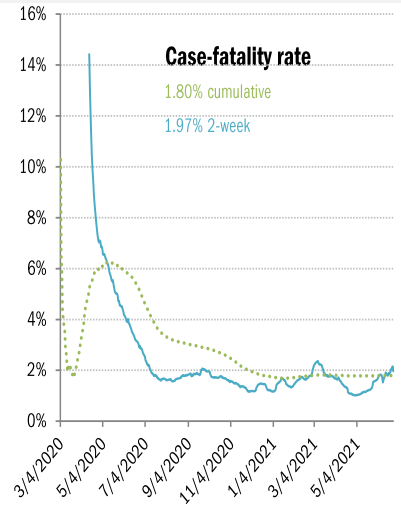
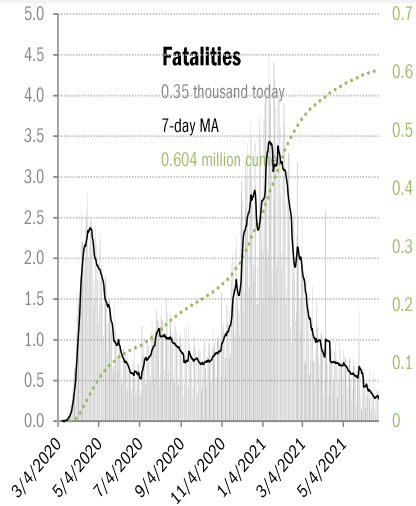
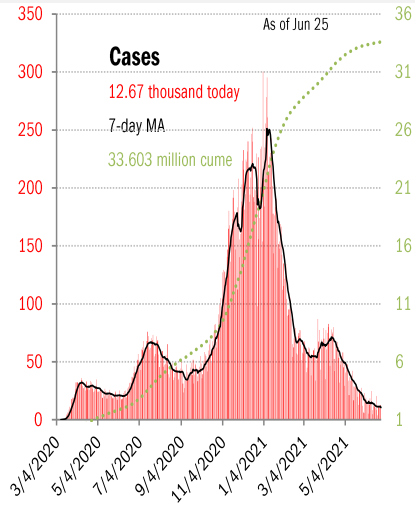
\* Includes persons >18 fully immunized or previously tested positive, no overlap. Disregards untested positives, natural immunities.

\*\* 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

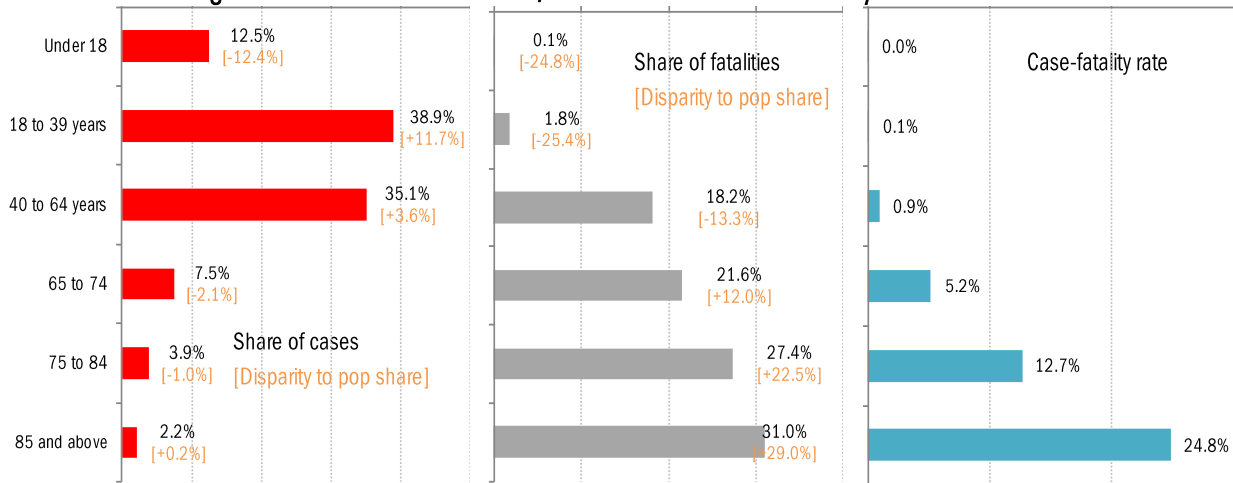
# US deep-dive

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

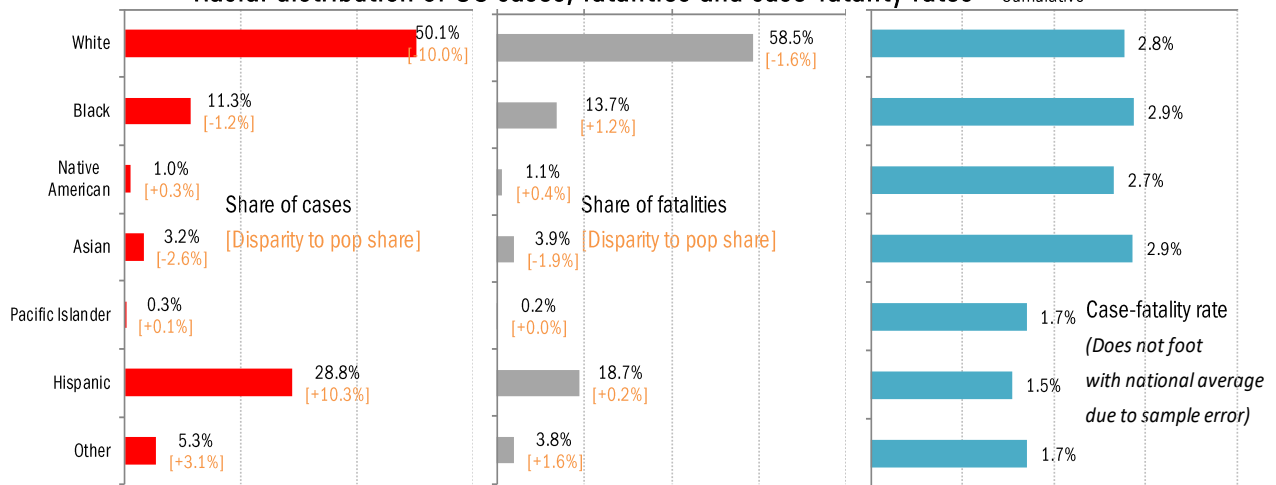


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

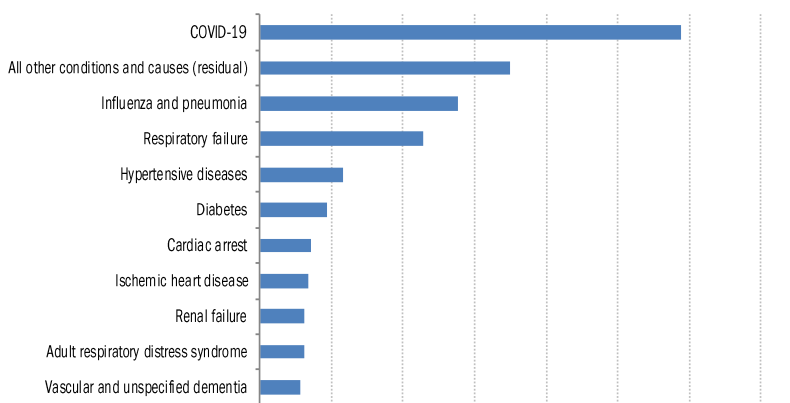


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Jun 13

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

[India Warns of New Versions of Delta Variant Spreading](#)

Shan Li

*Wall Street Journal*

June 25, 2021

[Another Lie from China about COVID-19 and the U.S.](#)

Jim Geraghty

*National Review*

June 25, 2021

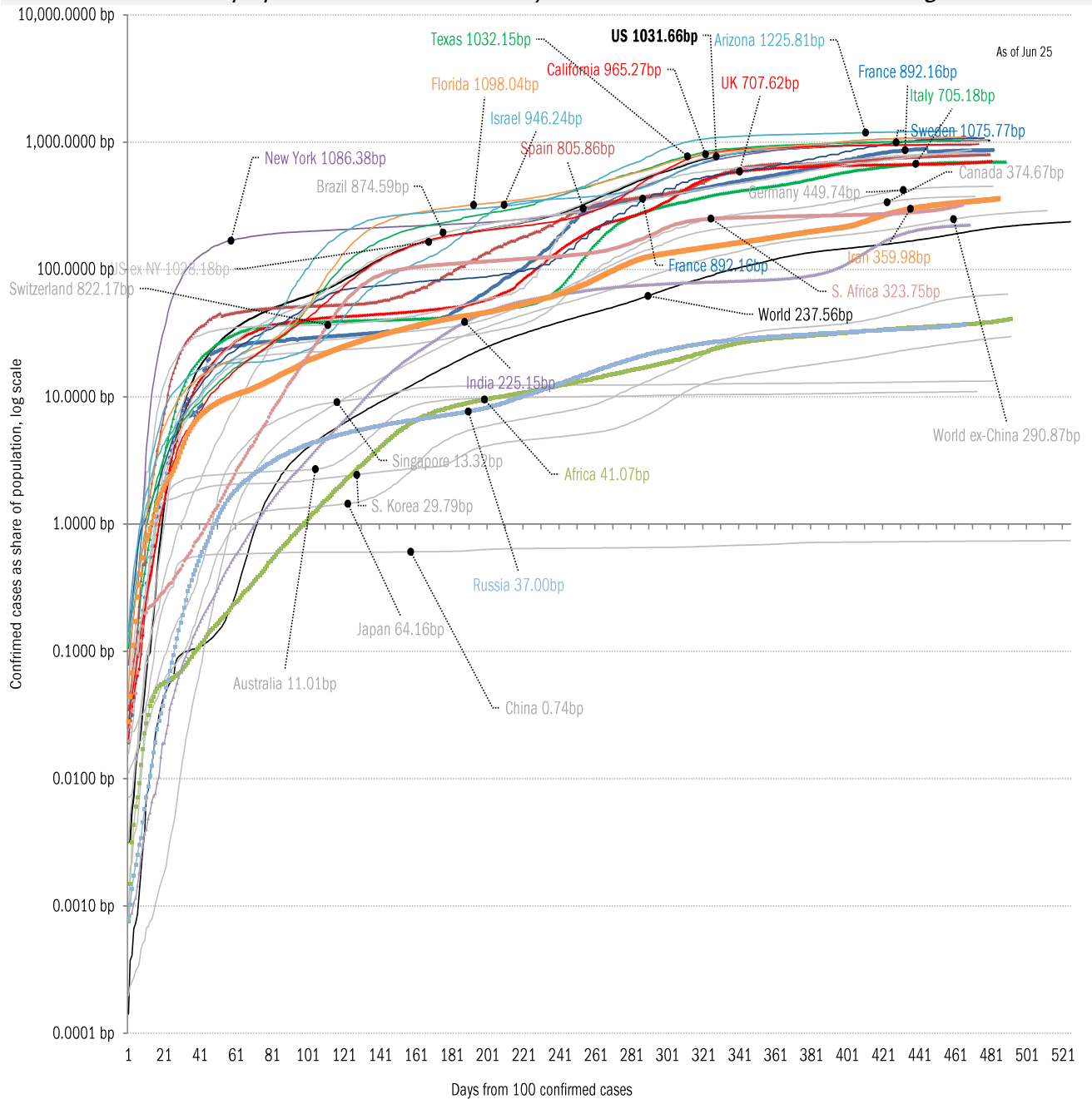
## Meme of the day



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

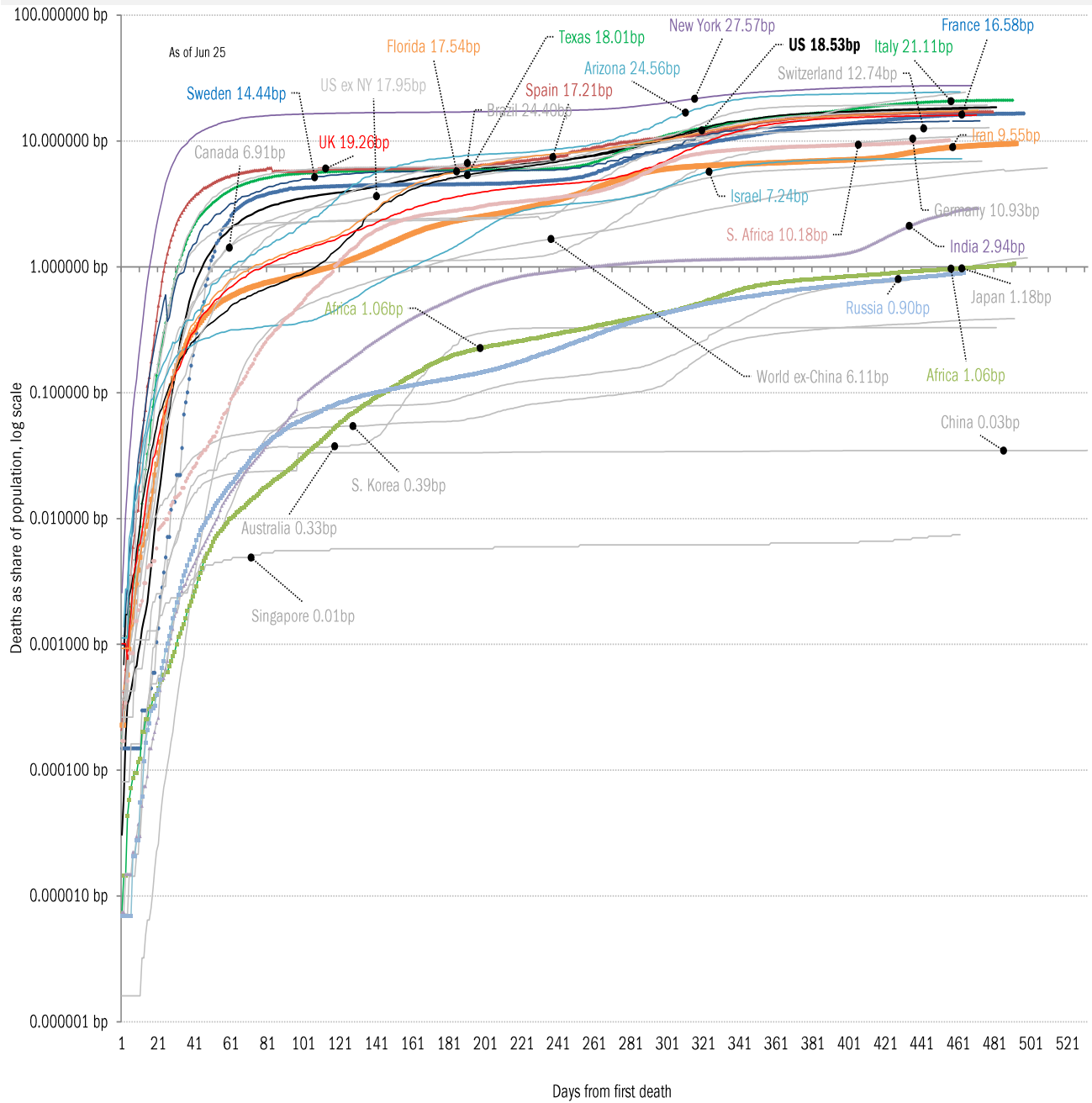


The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



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*



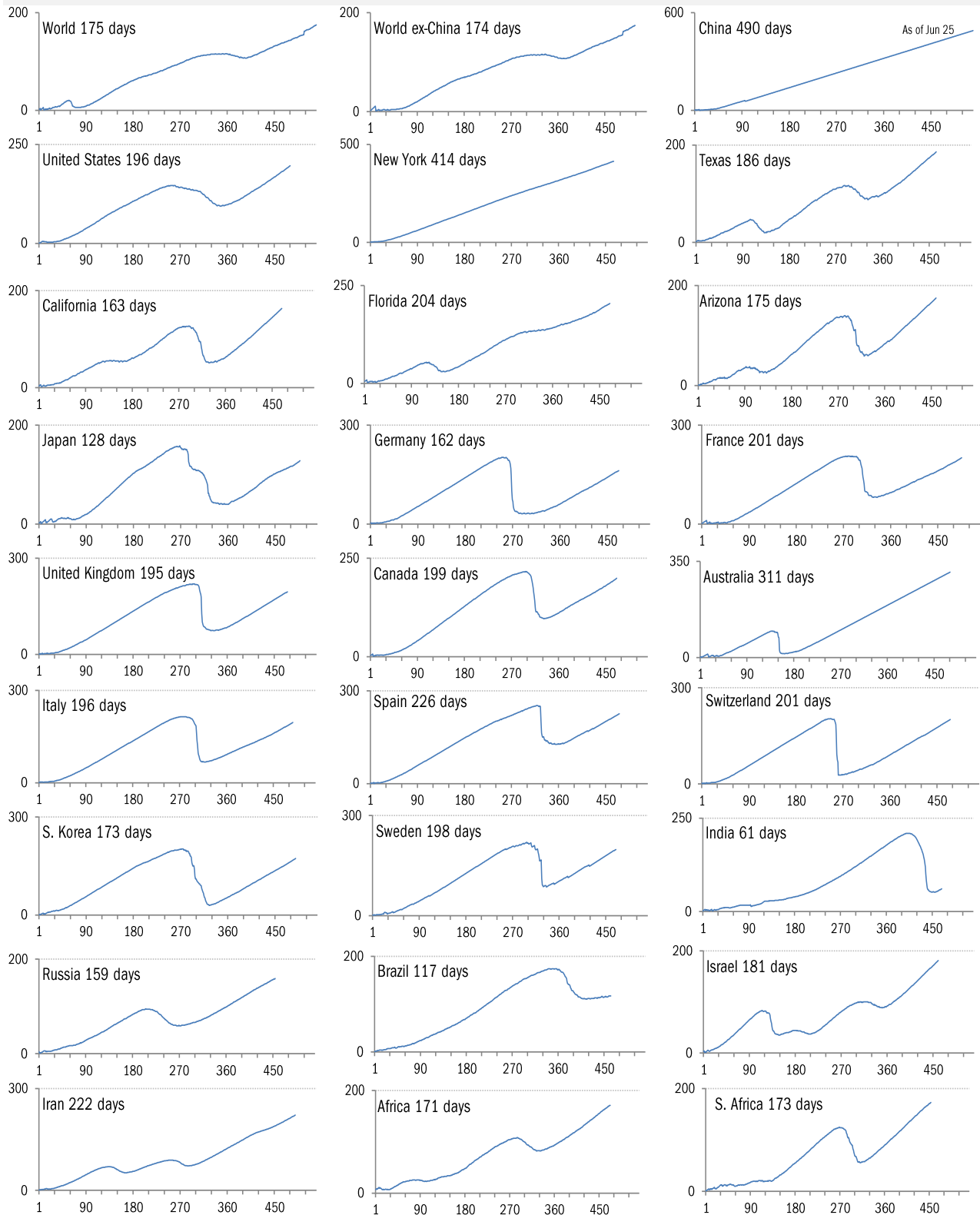
Source: [Johns Hopkins](#), TrendMacro calculations



# "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

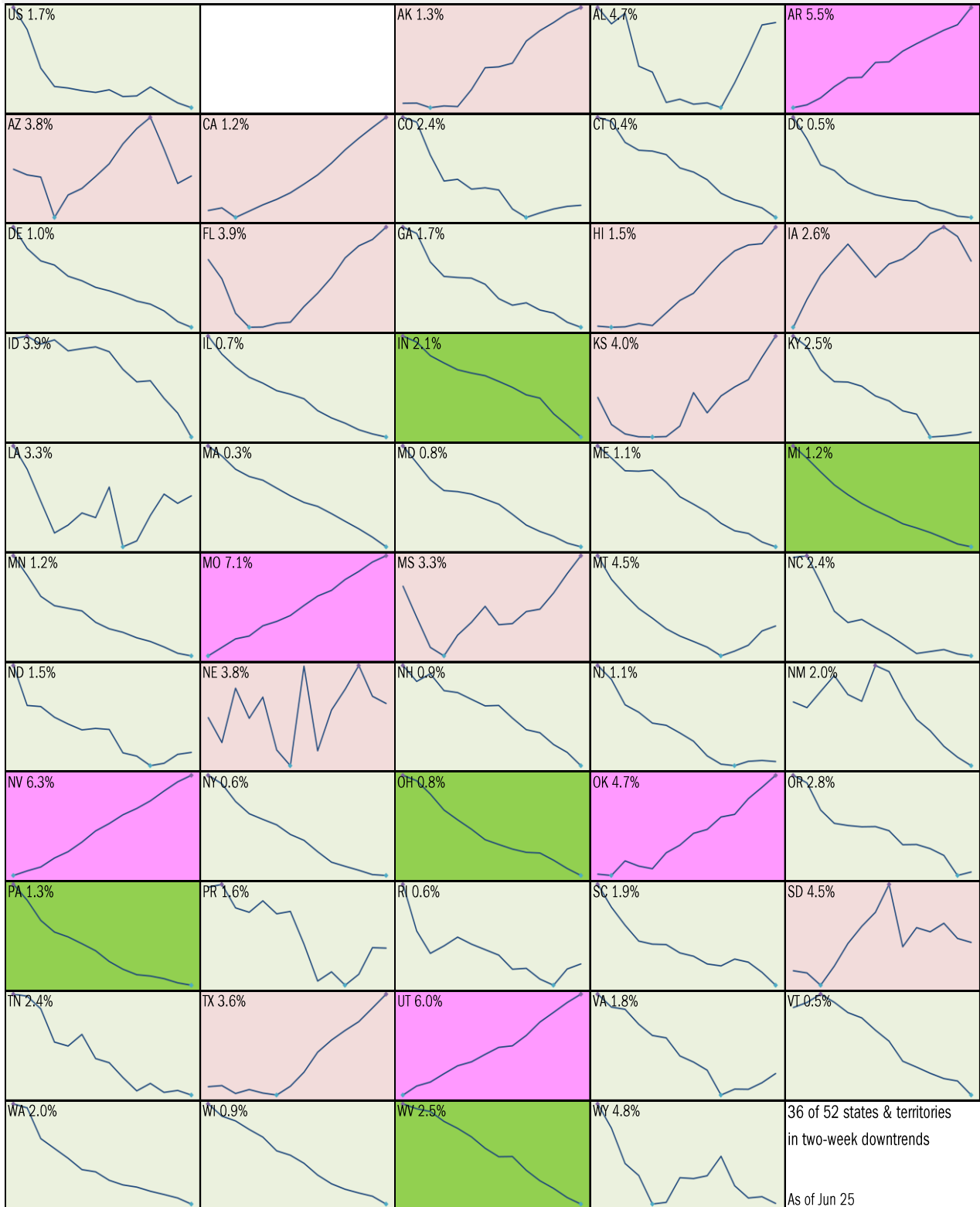


Source: [Johns Hopkins](#), TrendMacro calculations

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

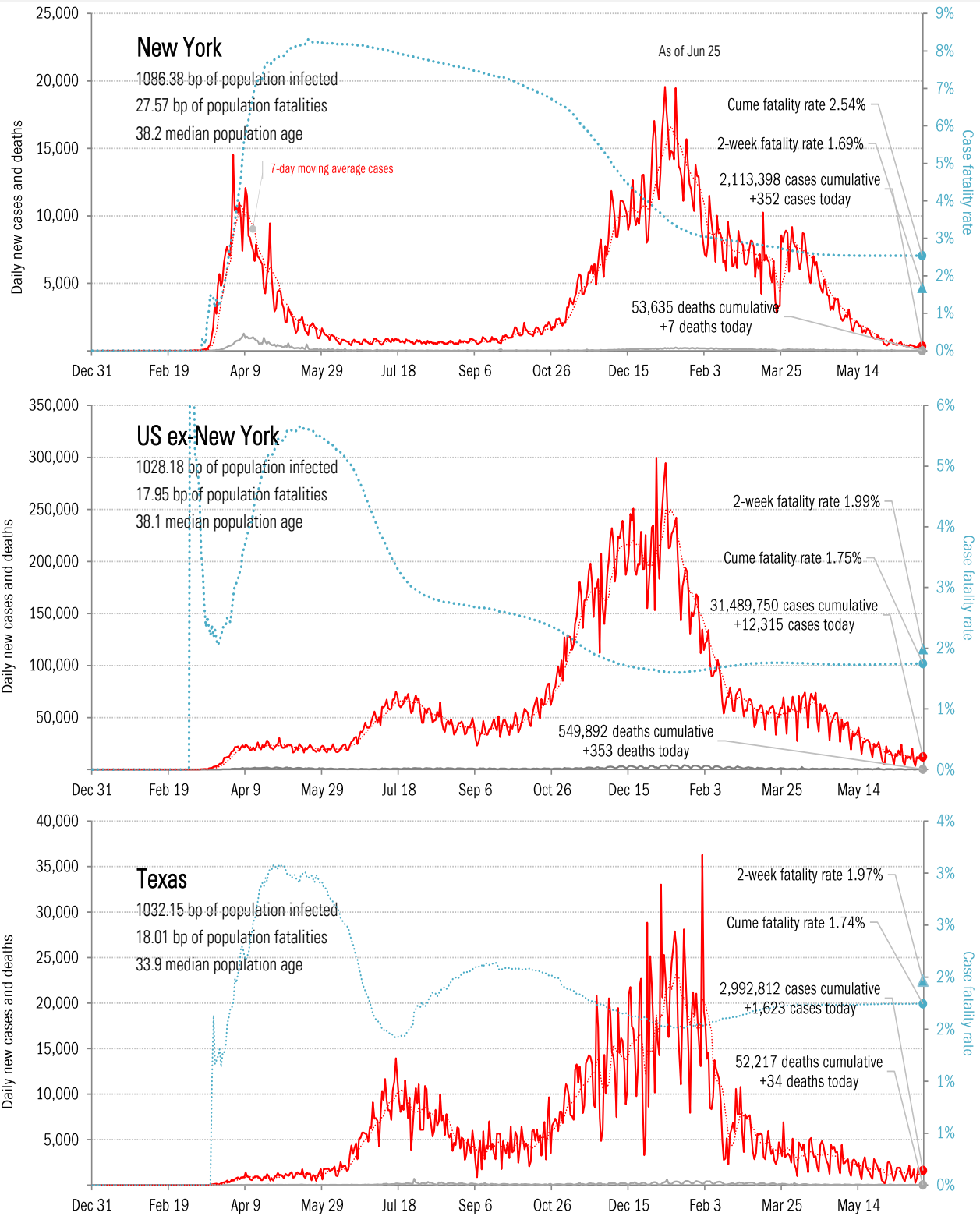
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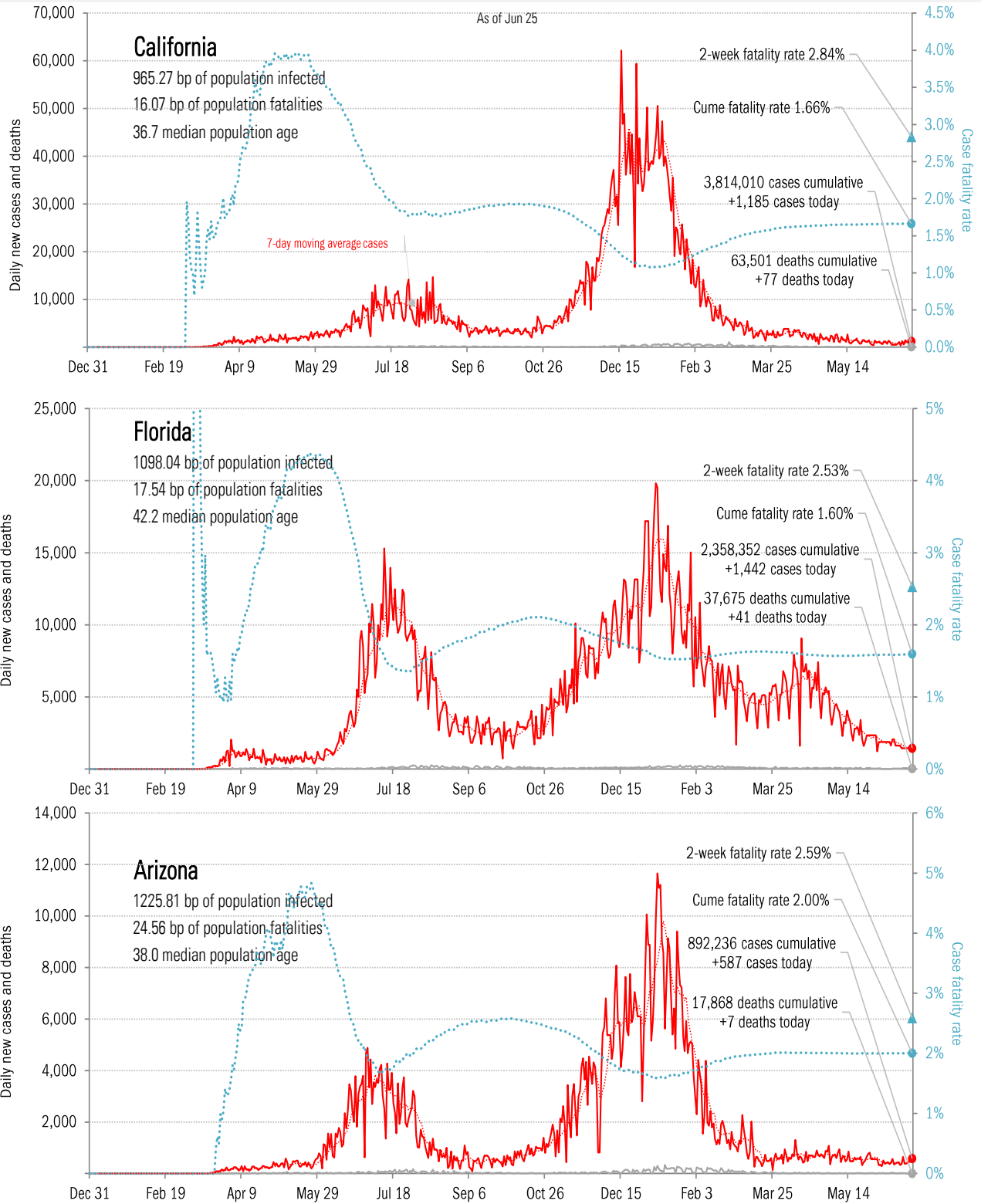
Source: [Covid Act Now](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



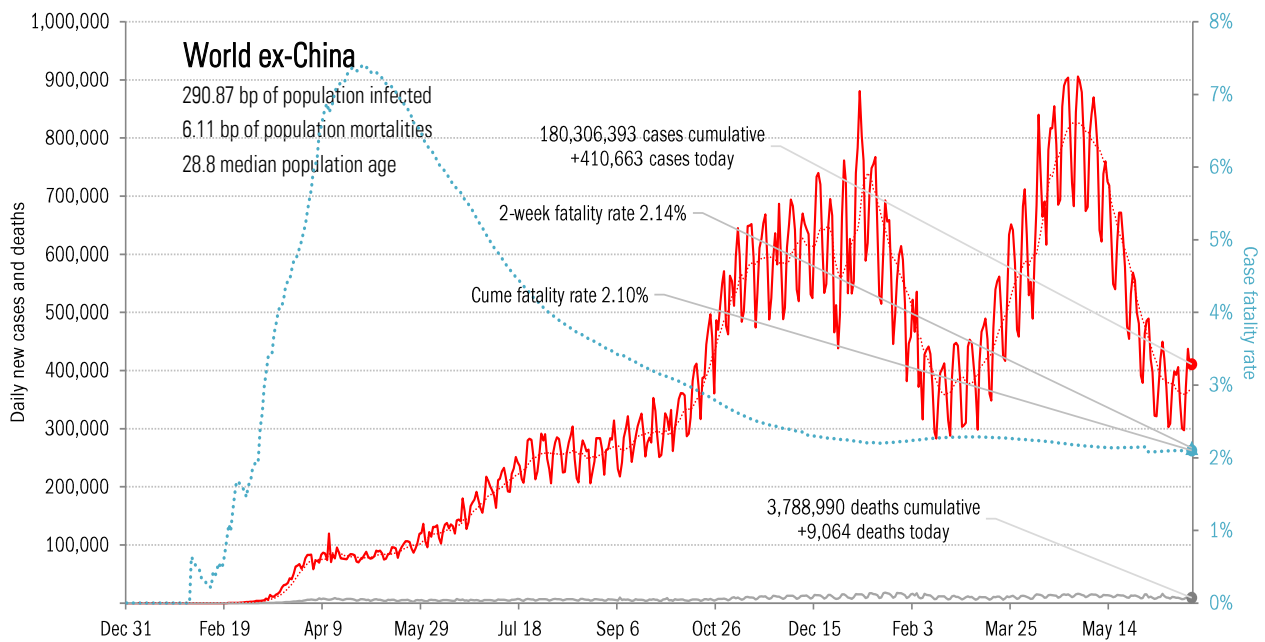
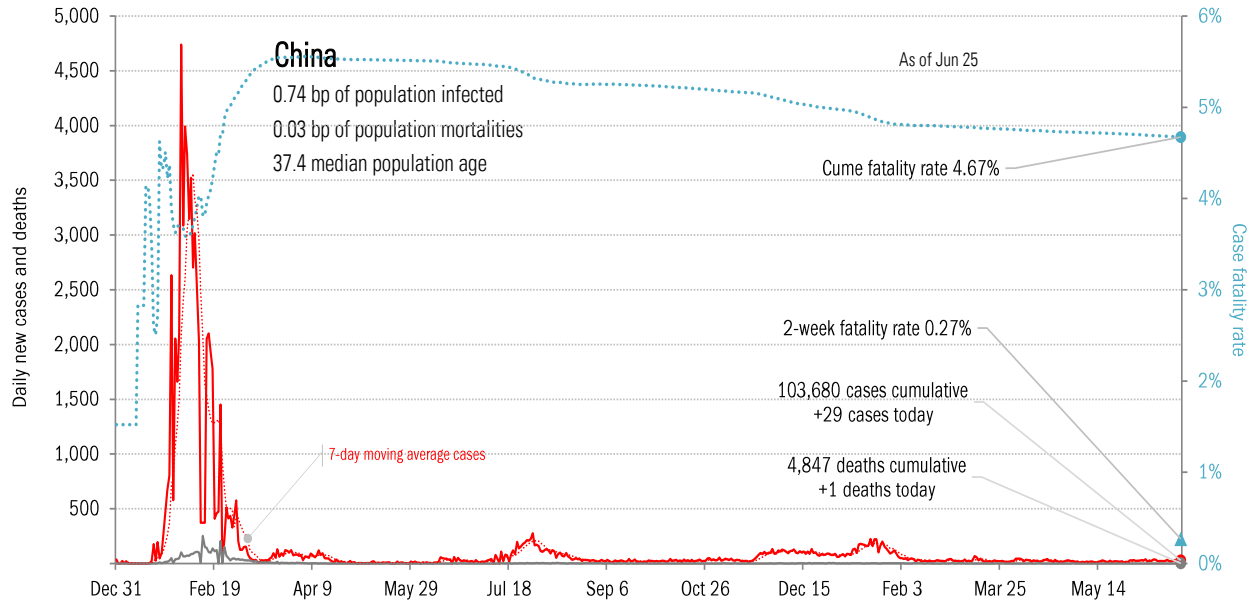
Source: [Johns Hopkins](#), TrendMacro calculations

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



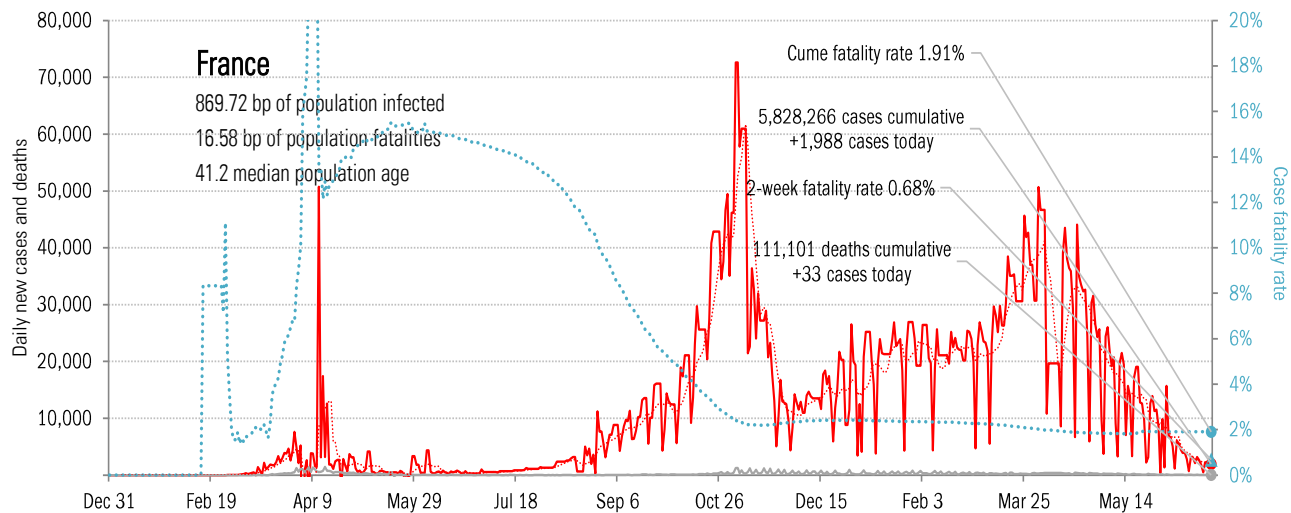
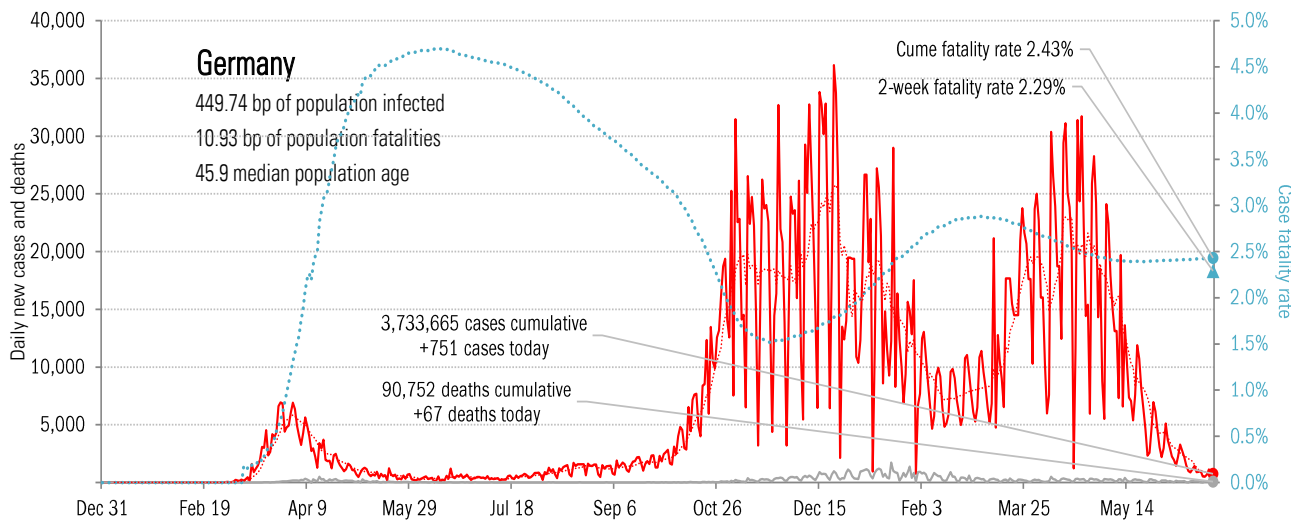
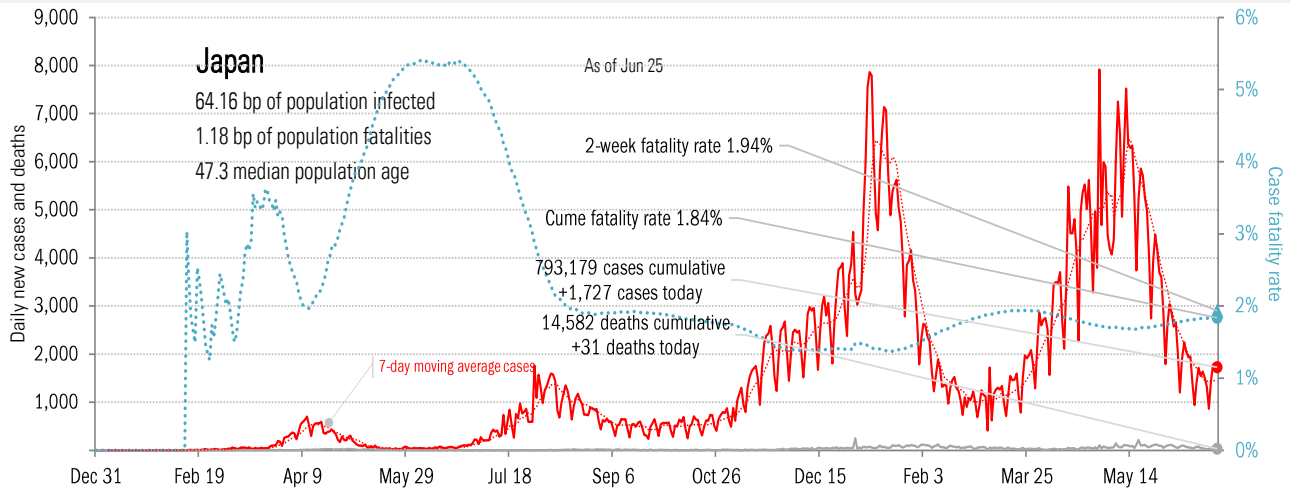
Source: [Johns Hopkins](#), TrendMacro calculations

# Patient zero... and then everyone else



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

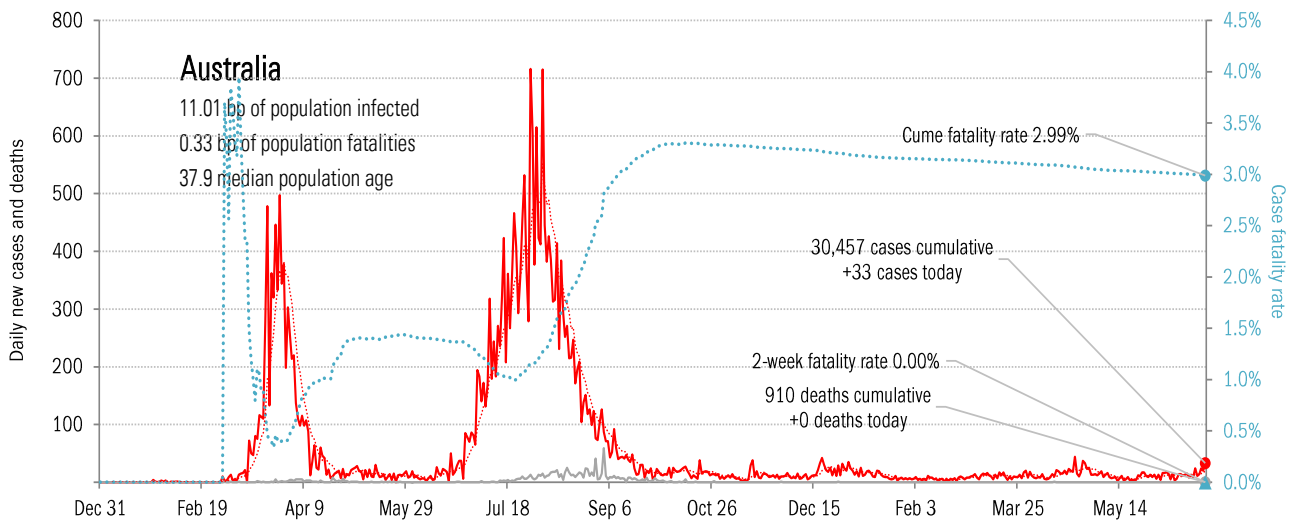
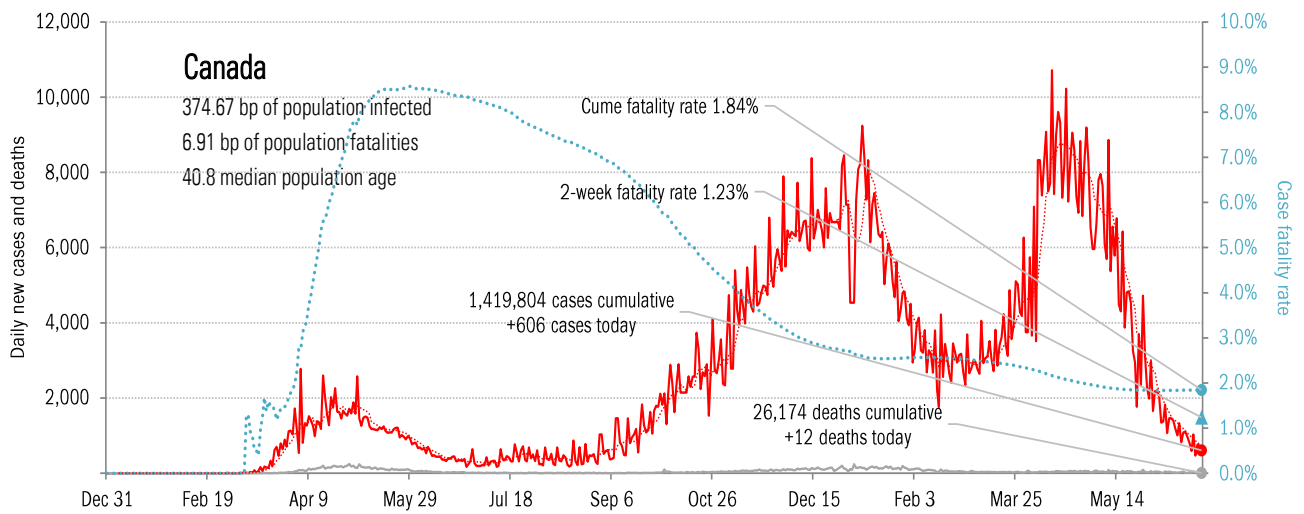
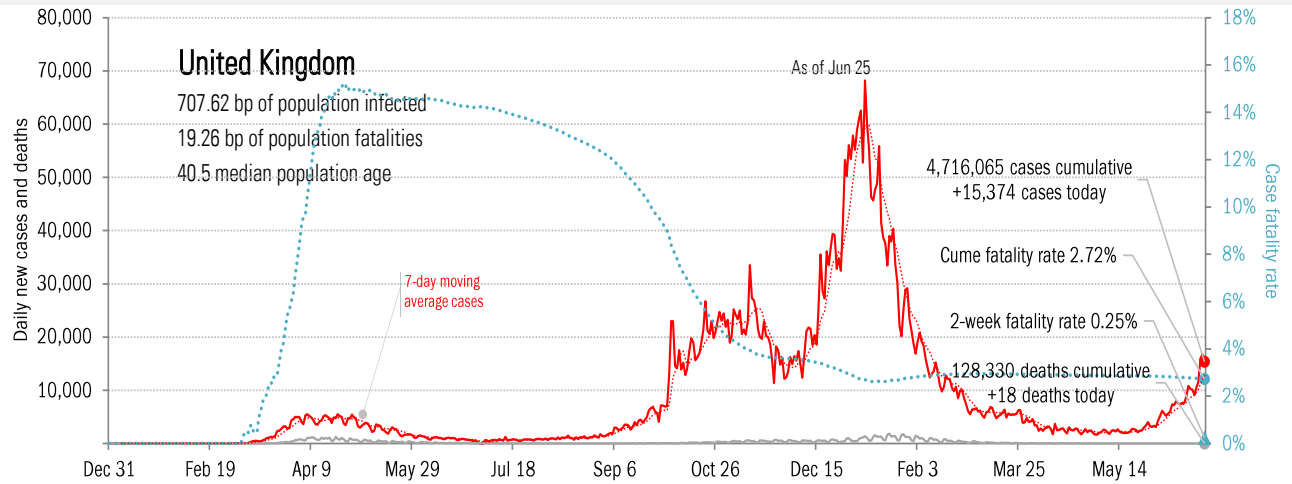
# Impact in the largest economies



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

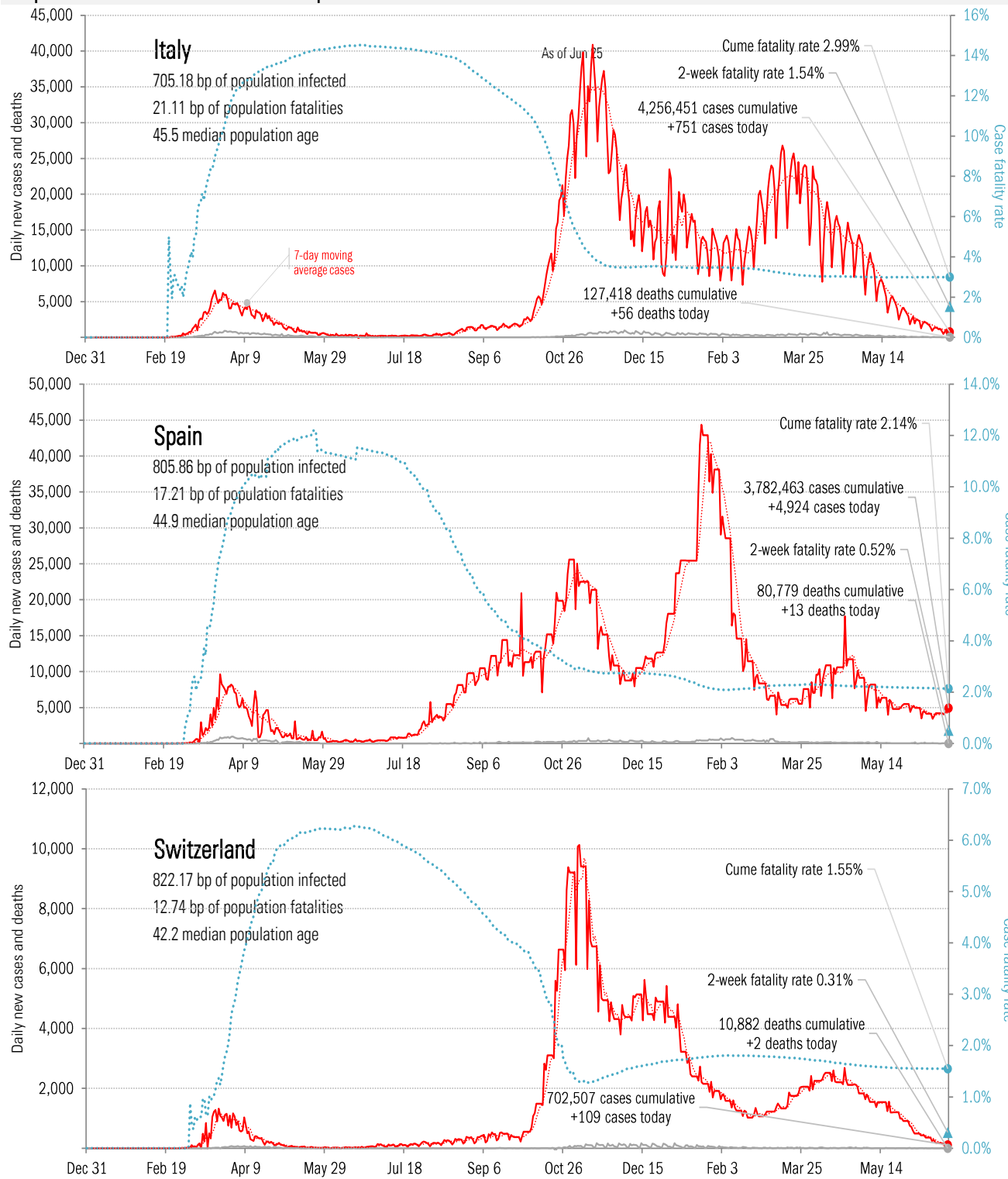


# Impact in The Anglosphere



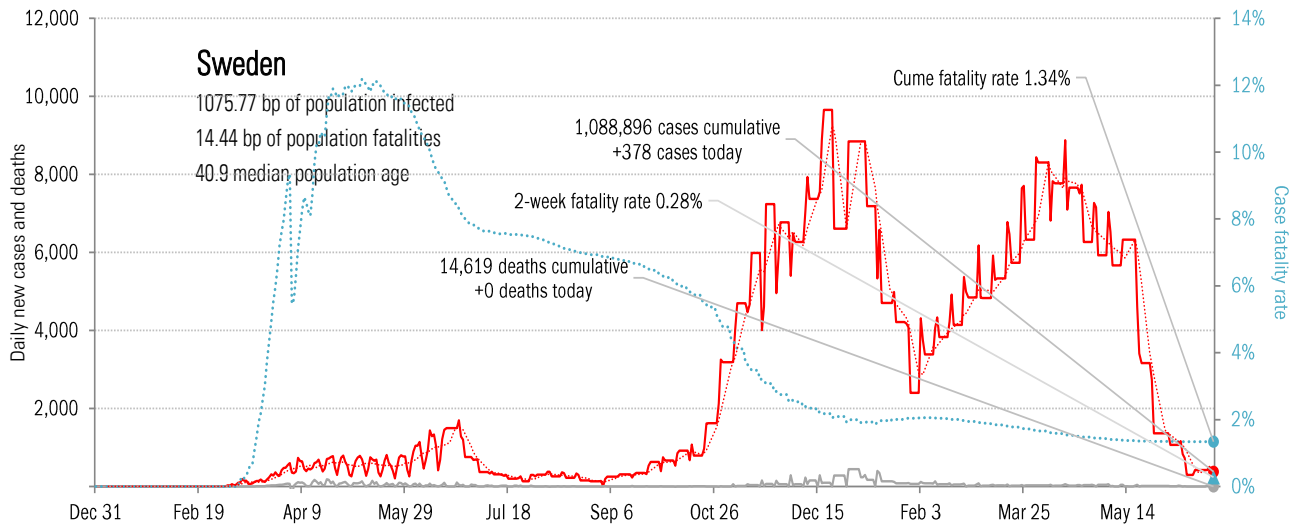
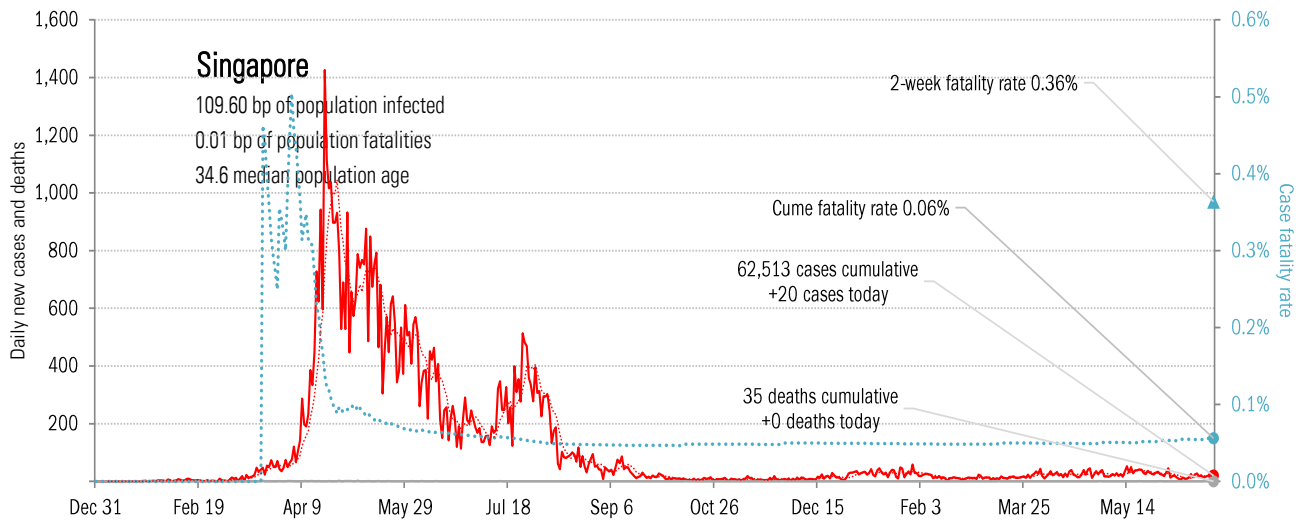
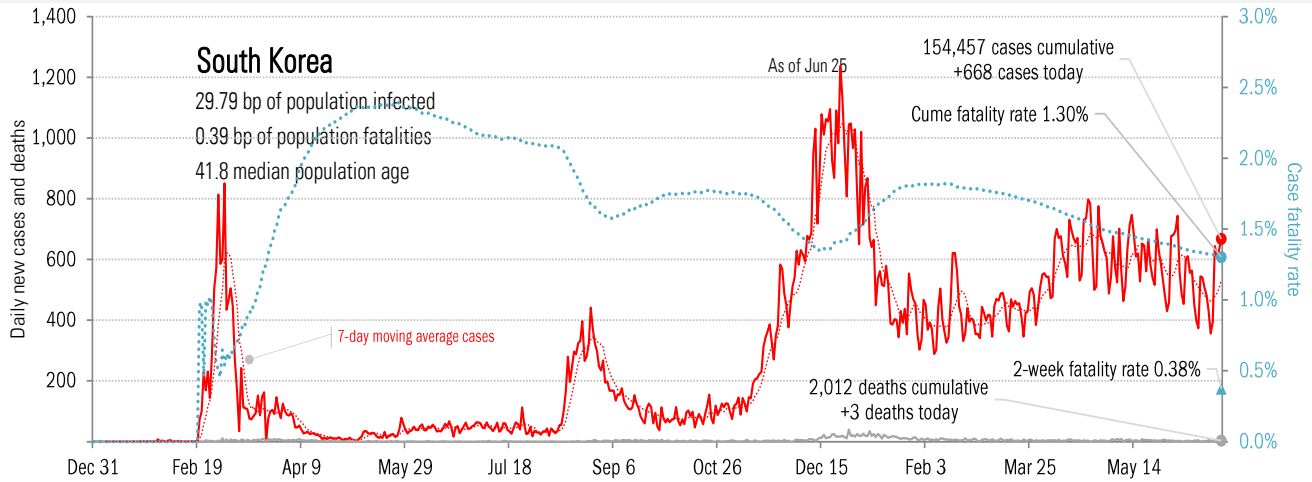
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in continental Europe



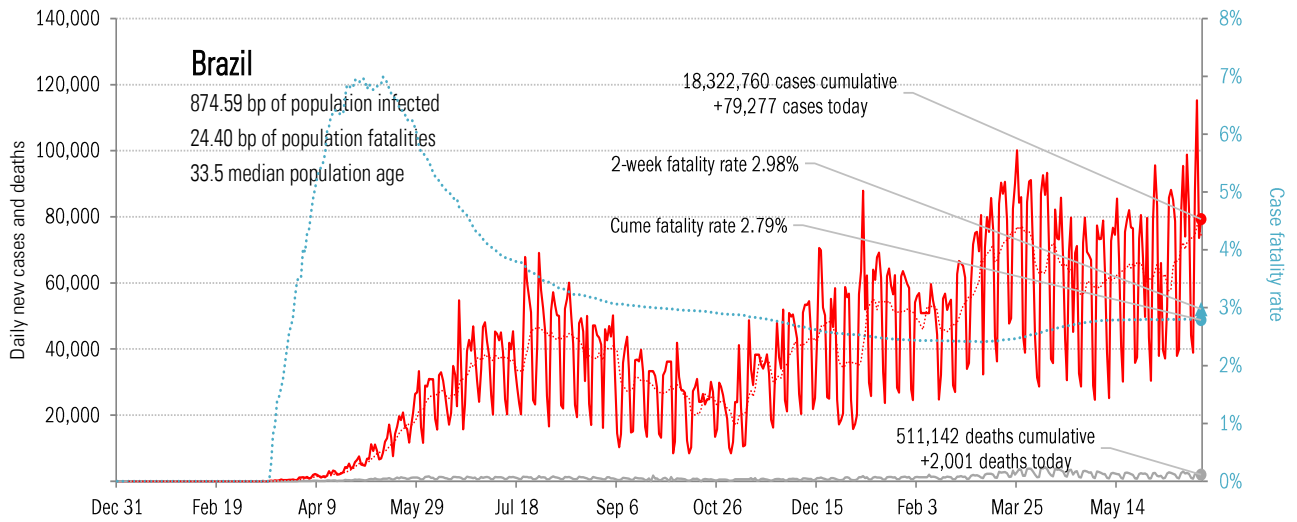
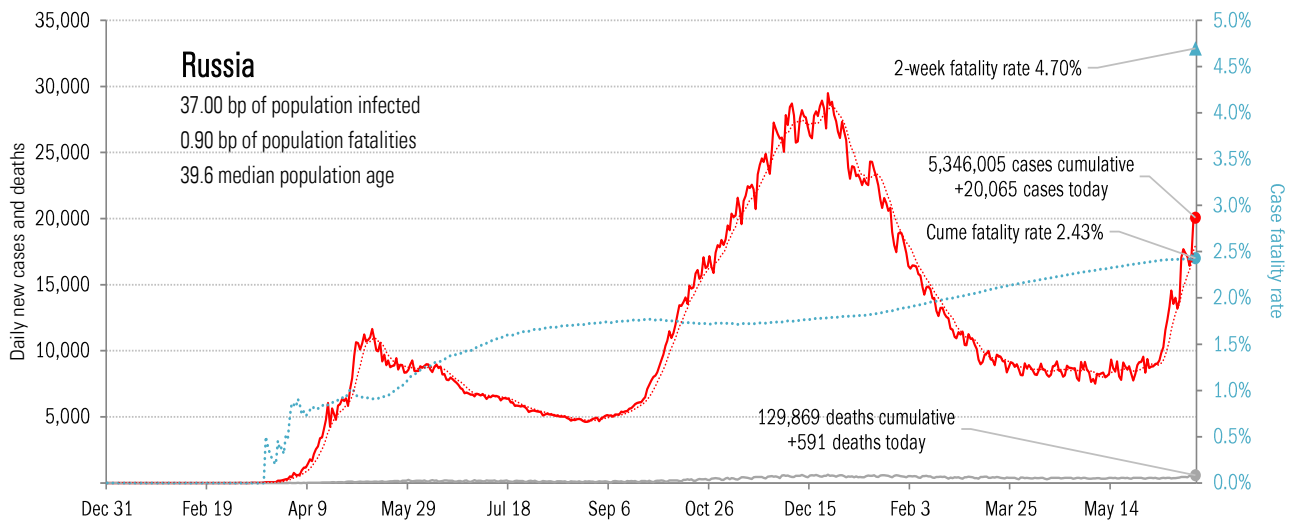
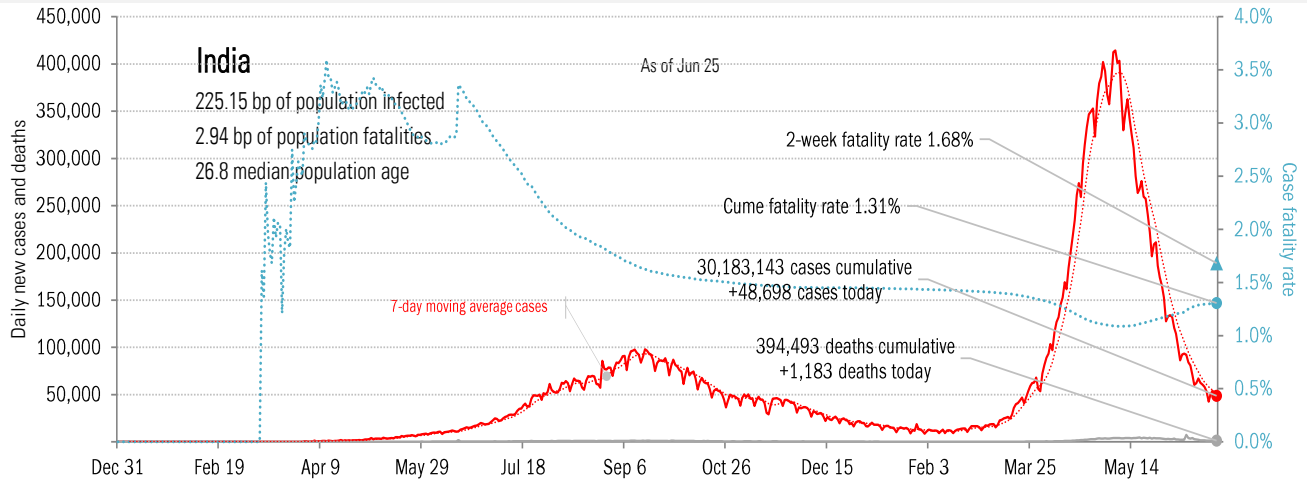
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in other hot-spots



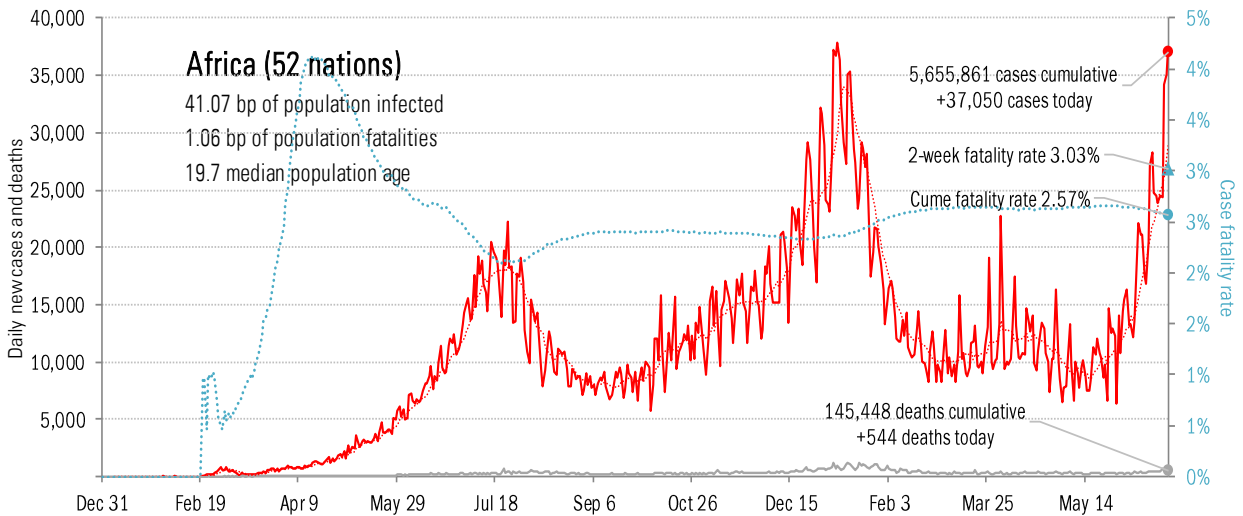
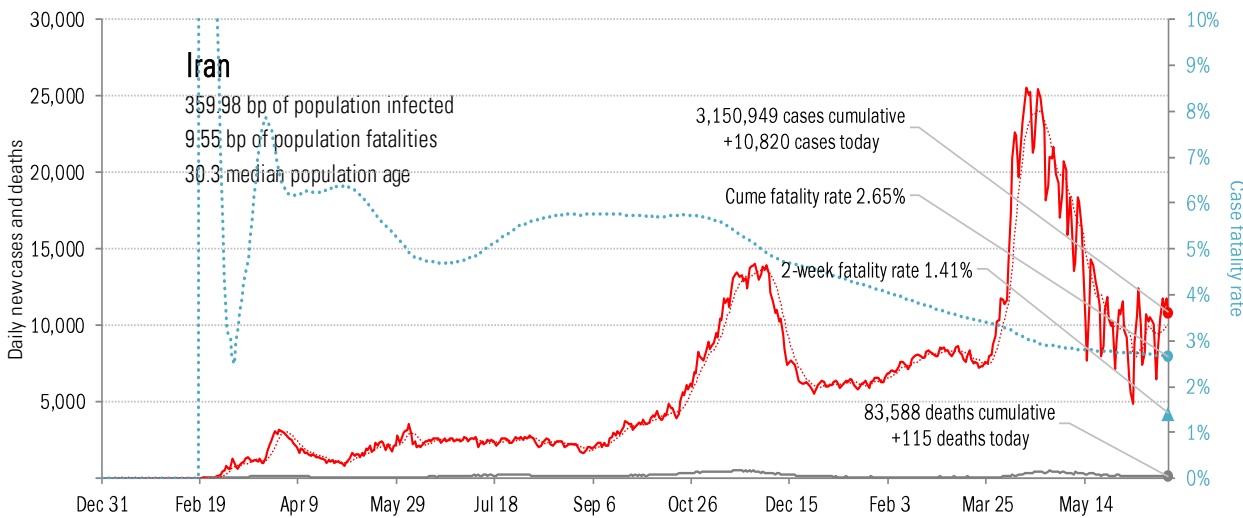
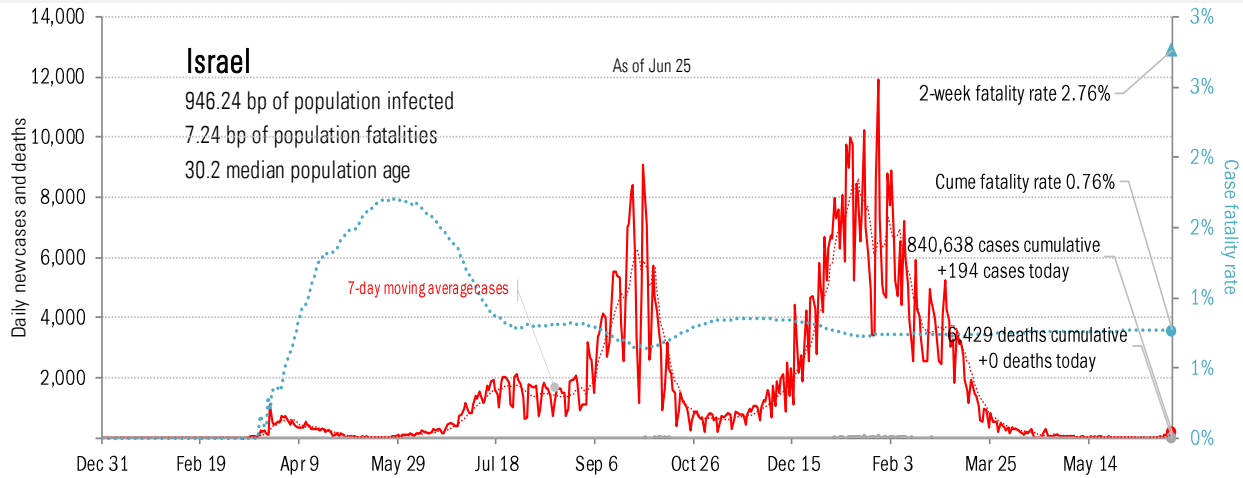
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the BRICs ex-China



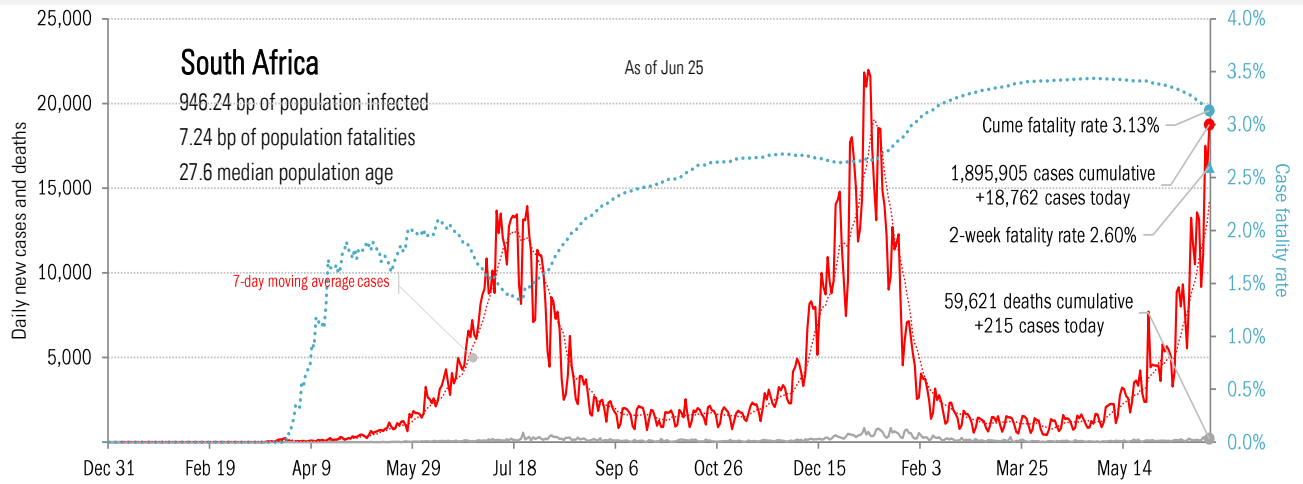
Source: [Johns Hopkins](#), TrendMacro calculations

# Impact in the Middle East and Africa



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

# Impact in Africa, continued



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