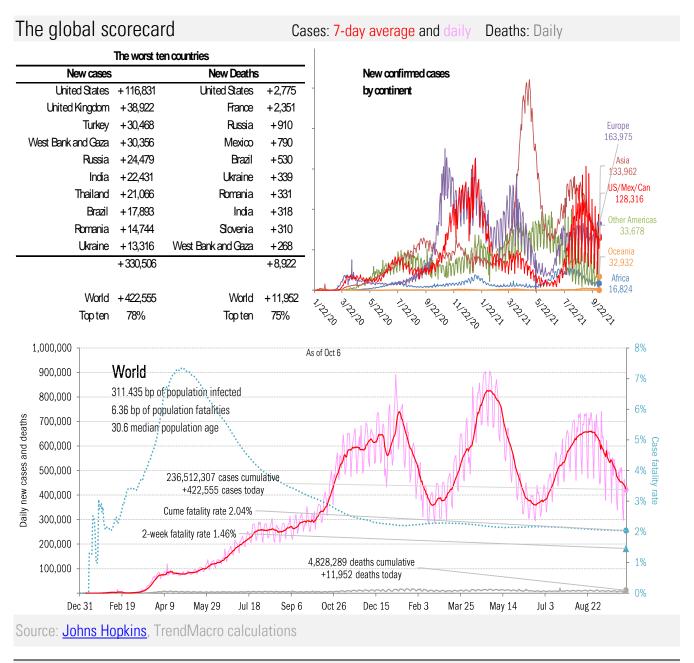


Trend Macrolytics, LLC Donald Luskin, Chief Investment Officer Thomas Demas, Managing Director Michael Warren, Energy Strategist

Data Insights: Covid-2019 Monitor

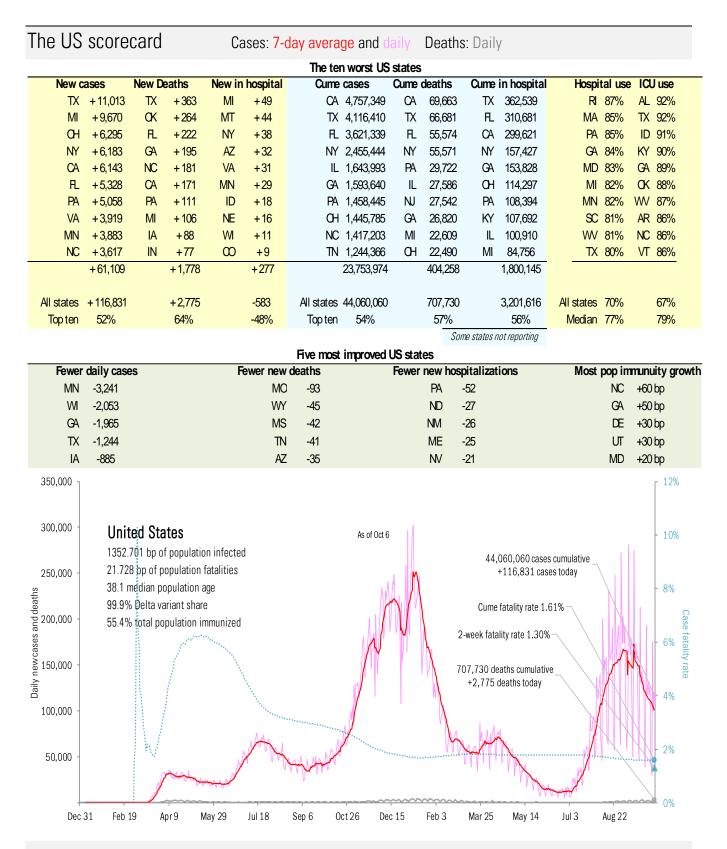
Thursday, October 7, 2021



For more information contact us:

Donald Luskin: 312 273 6766 don@trendmacro.com Thomas Demas: 704 552 3625 tdemas@trendmacro.com

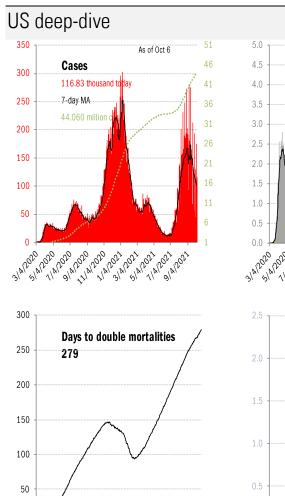
Copyright 2021 Trend Macrolytics LLC. All rights reserved. This document is not to be forwarded to individuals or organizations not authorized by Trend Macrolytics LLC to receive it. For information purposes only; not to be deemed to be recommendations for buying or selling specific securities or to constitute personalized investment advice. Derived from sources deemed to be reliable, but no warranty is made as to accuracy.

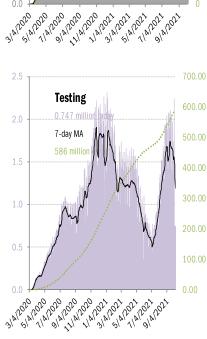


Source: Johns Hopkins, Dept. of Health and Human Services, CDC, TrendMacro calculations

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Source: <u>CDC</u>, <u>CDC</u>, <u>Our World in Data</u>, TrendMacro calculations





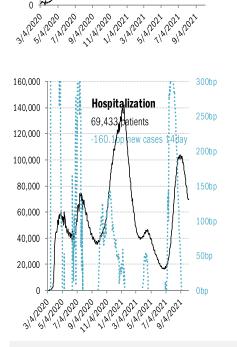
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hd toda

2.78 thous

7-day MA

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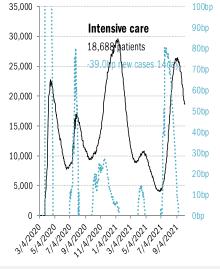
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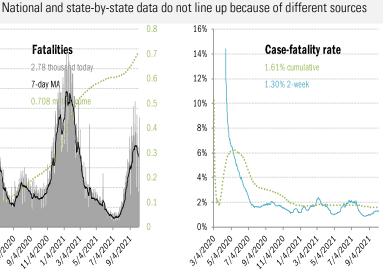
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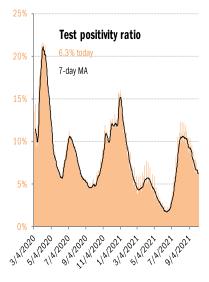
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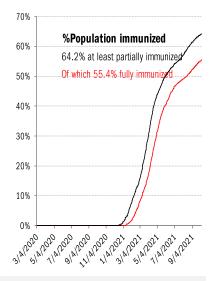
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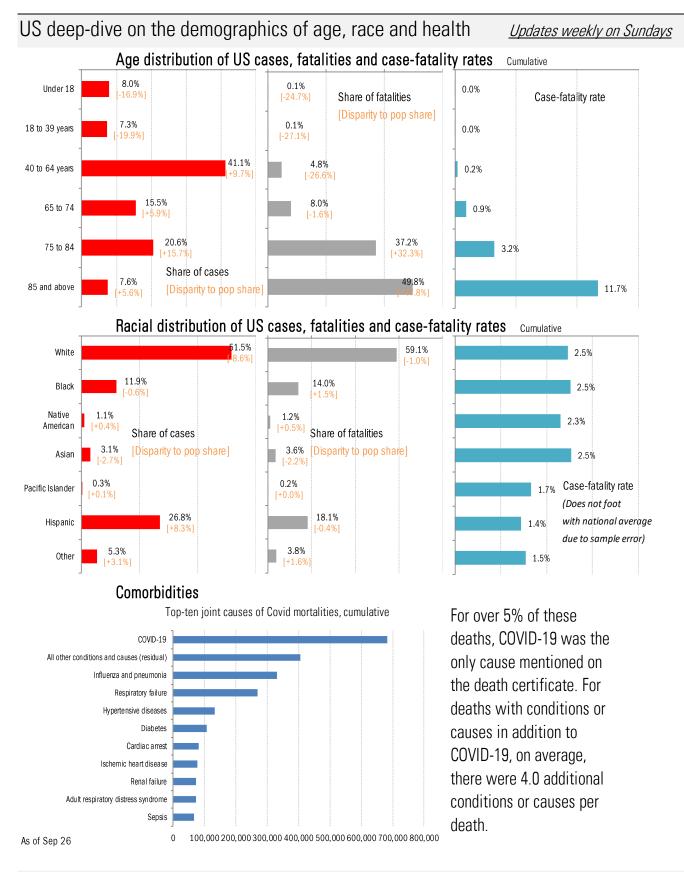








Source: Johns Hopkins, Covid Act Now, TrendMacro calculations



Source: Distributions <u>CDC</u>, Comorbidities <u>CDC</u>, TrendMacro calculations

Recommended reading

The White House says it will spend \$1 billion to

increase the supply of rapid at-home tests.

Noah Weiland *New York Times* October 6, 2021

<u>A 'Historic Event': First Malaria Vaccine Approved by</u> W.H.O.

Apoorva Mandavilli *New York Times* October 6, 2021

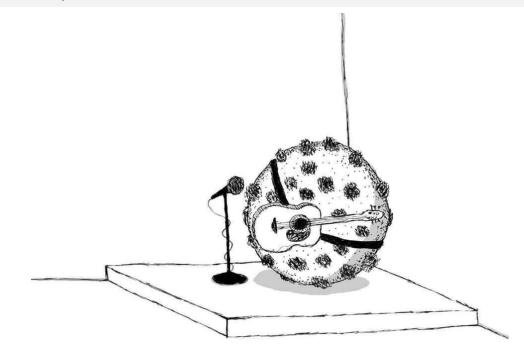
Meme of the day

Man behind COVID-19 licking hoax sentenced to federal prison

Adam Barnes *Changing America* October 6, 2021

<u>6 Scandals The Media Won't Tell You About</u> <u>Outgoing NIH Director Francis Collins.</u>

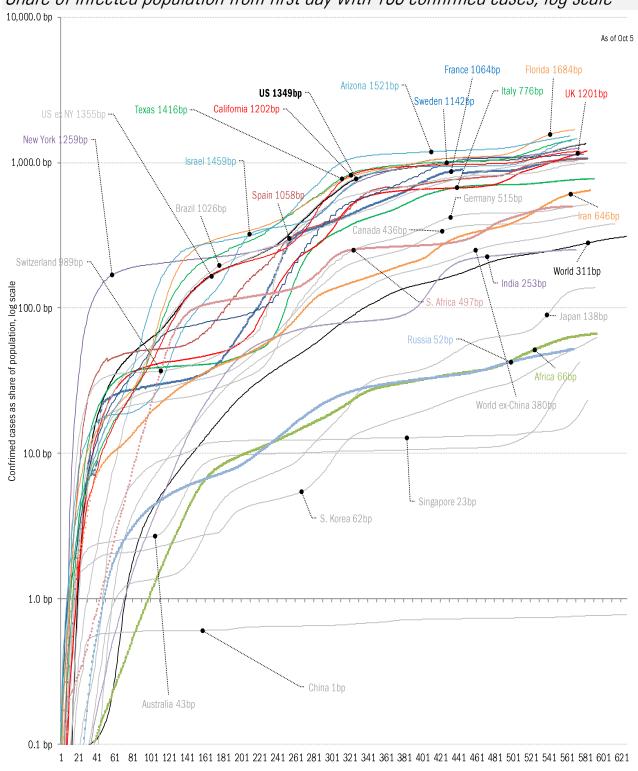
Natalie Winters and Raheem Kassam *National Pulse* October 5, 2021



"This one's dedicated to all the people that didn't believe in me when I was getting started."

E

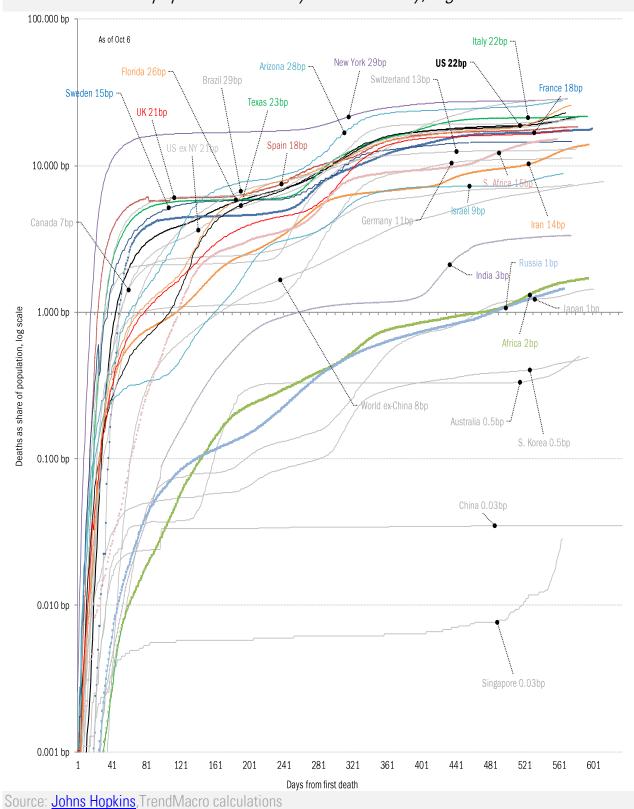
Source: Our beloved clients, Power Line blog "The Week in Pictures" and CTUP



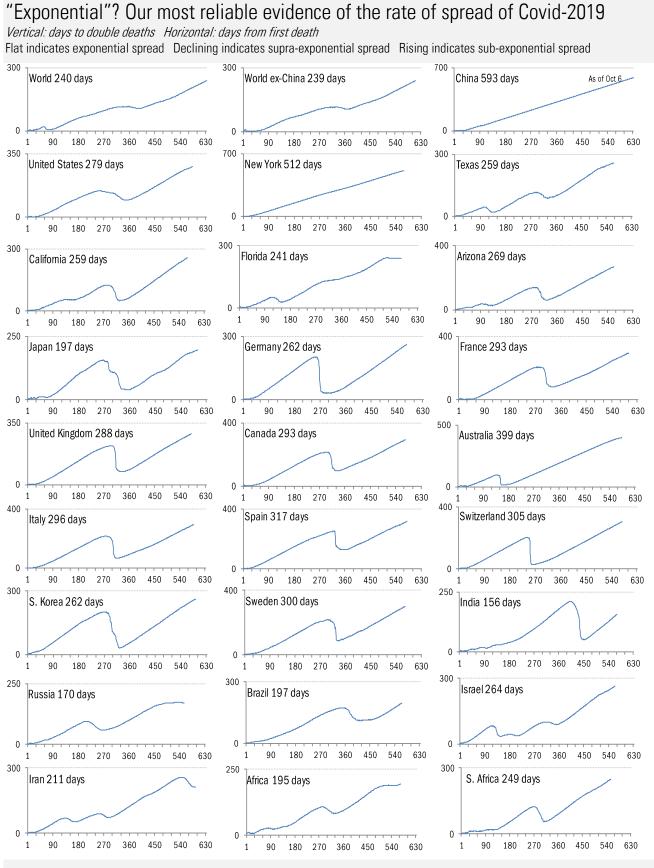
The coronavirus <u>case</u> accelerometer... tracking the world's infection curves *Share of infected population from first day with 100 confirmed cases, log scale*

Source: Johns Hopkins, TrendMacro calculations

Days from 100 confirmed cases

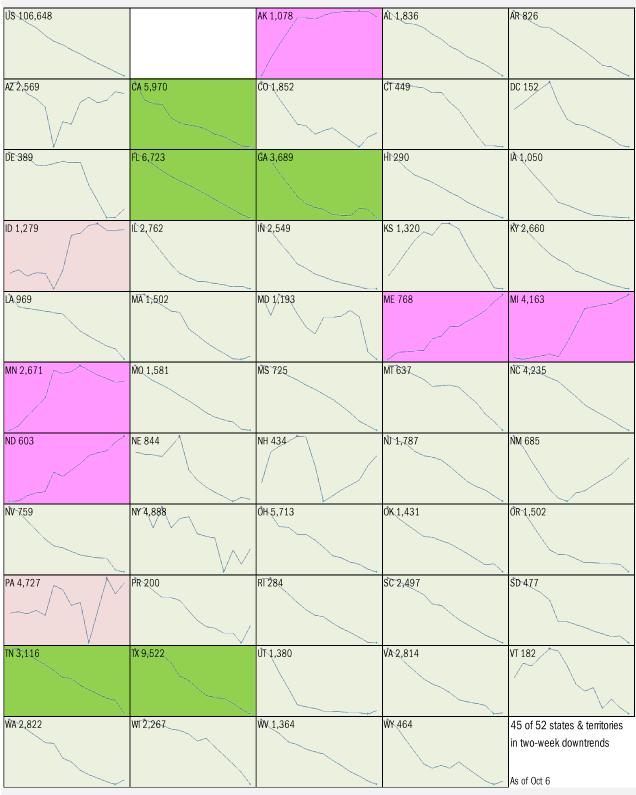


The coronavirus <u>mortality</u> accelerometer ... tracking the world's fatality curves *Share of deceased population from day of first fatality, log scale*



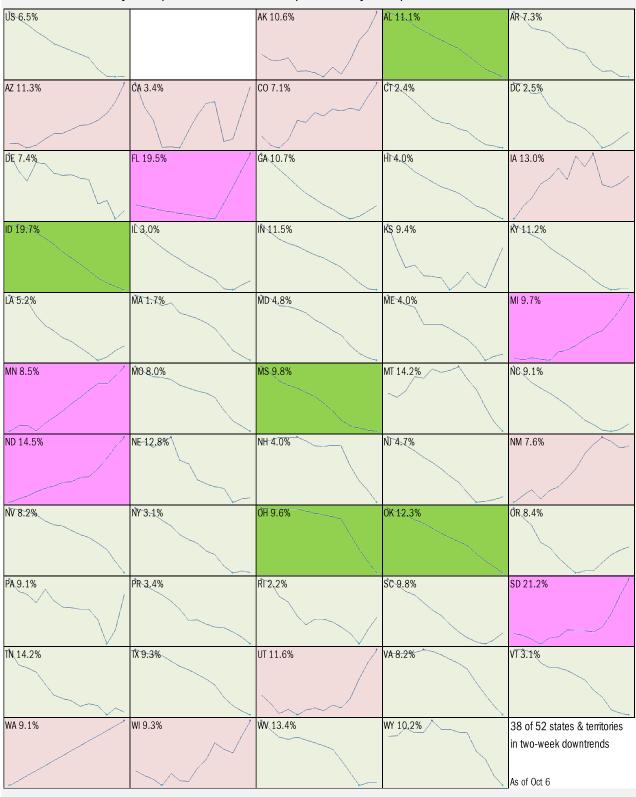
Source: Johns Hopkins, TrendMacro calculations

Requirement to <u>Open Up America Again</u>: 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

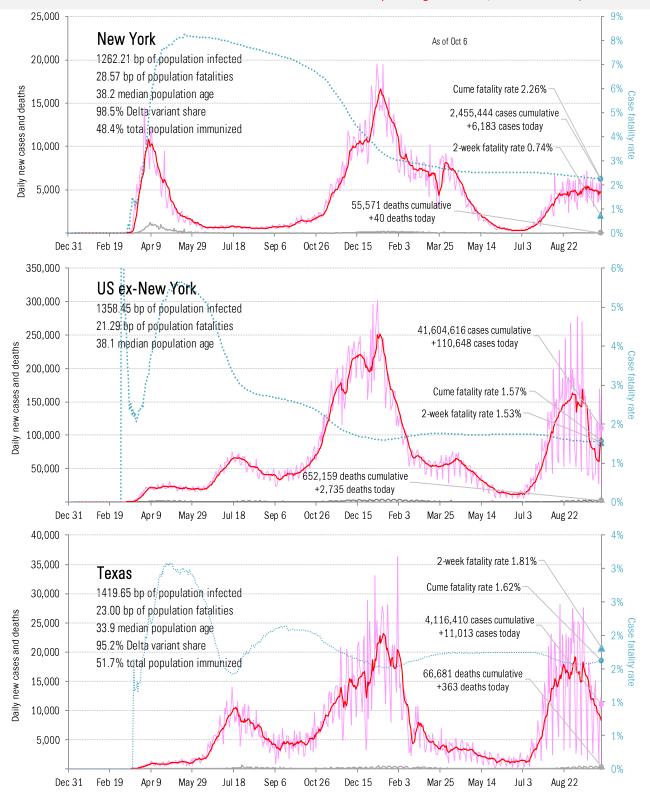
Alt requirement to <u>Open Up America Again</u>: 14-day "downward trajectory" in pos tests *14-day moving average, last 14 days Most recent value displayed* • High • Low Downward trajectory Five best Upward trajectory Five worst



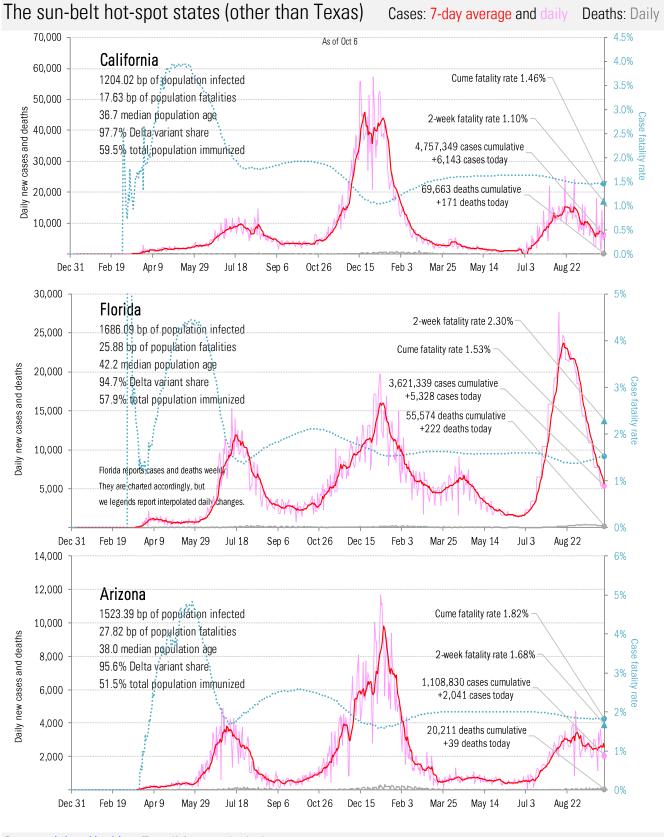
Source: Covid Act Now, TrendMacro calculations

From Ground Zero to the Rio Grande

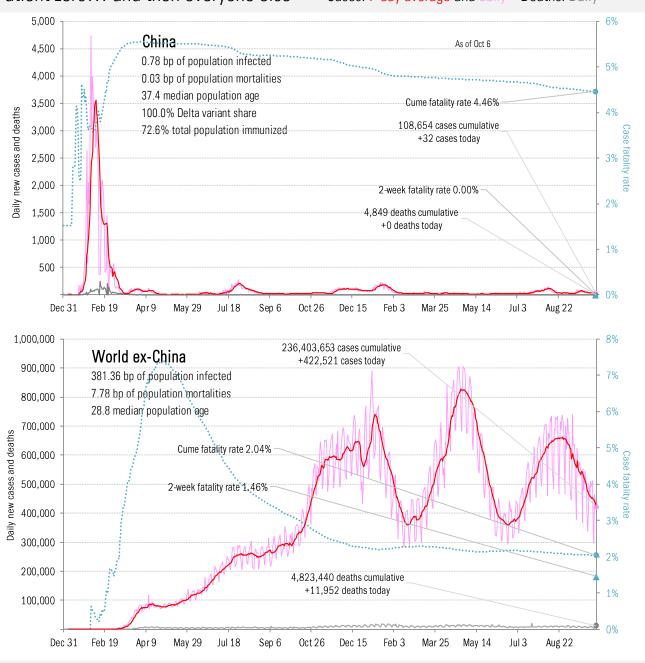
Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, TrendMacro calculations



Source: Johns Hopkins, TrendMacro calculations

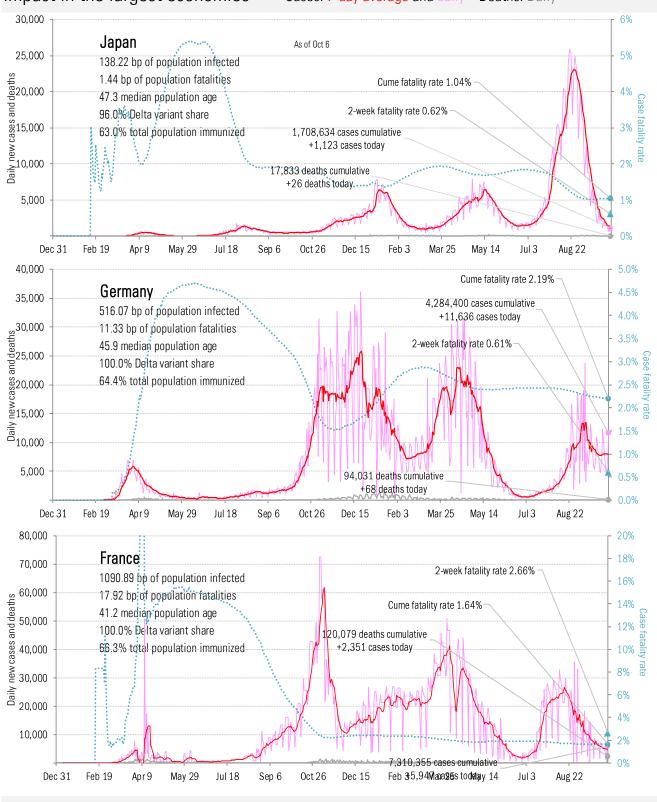


Patient zero... and then everyone else

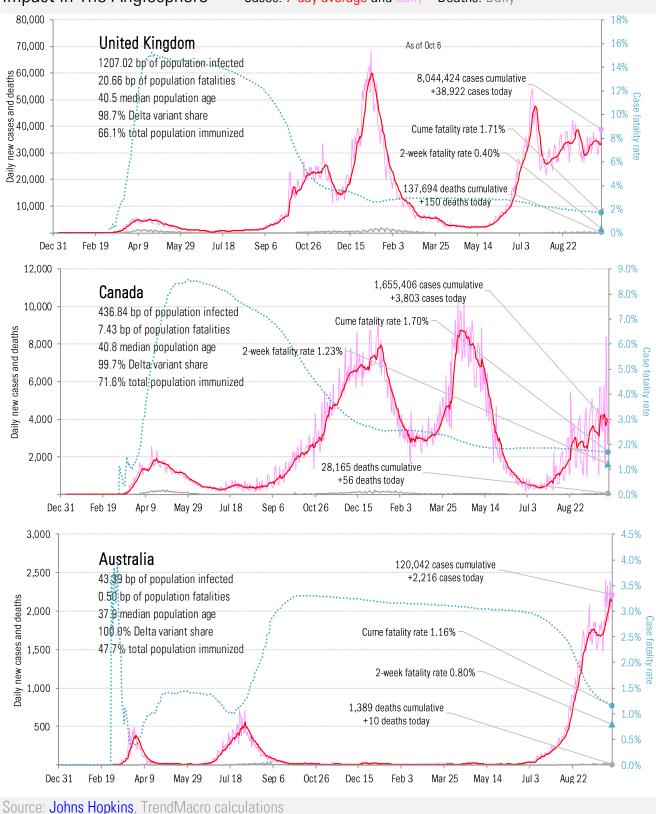
Cases: 7-day average and daily Deaths: Daily

Source: Johns Hopkins, TrendMacro calculations

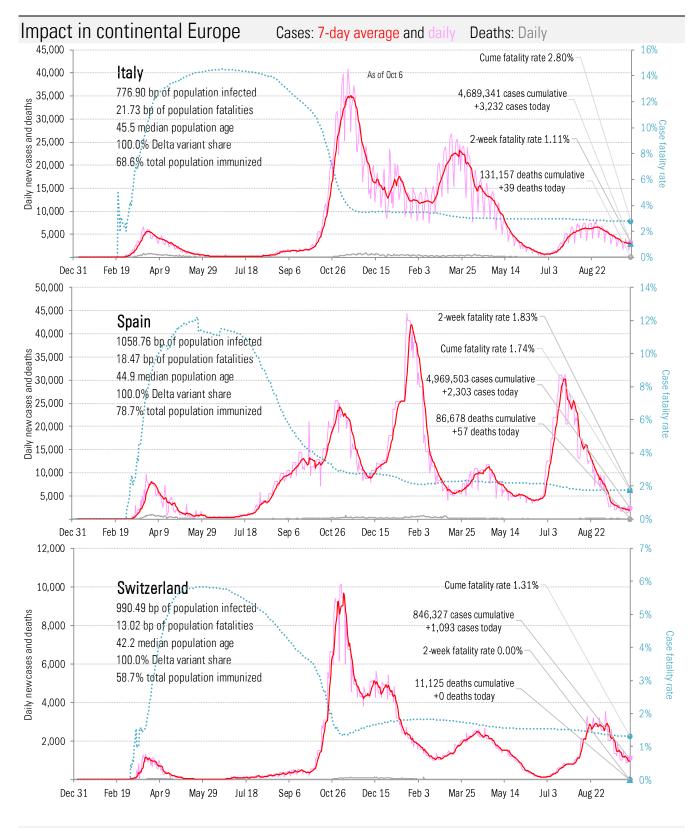
Impact in the largest economies Cases: 7-day average and daily Deaths: Daily



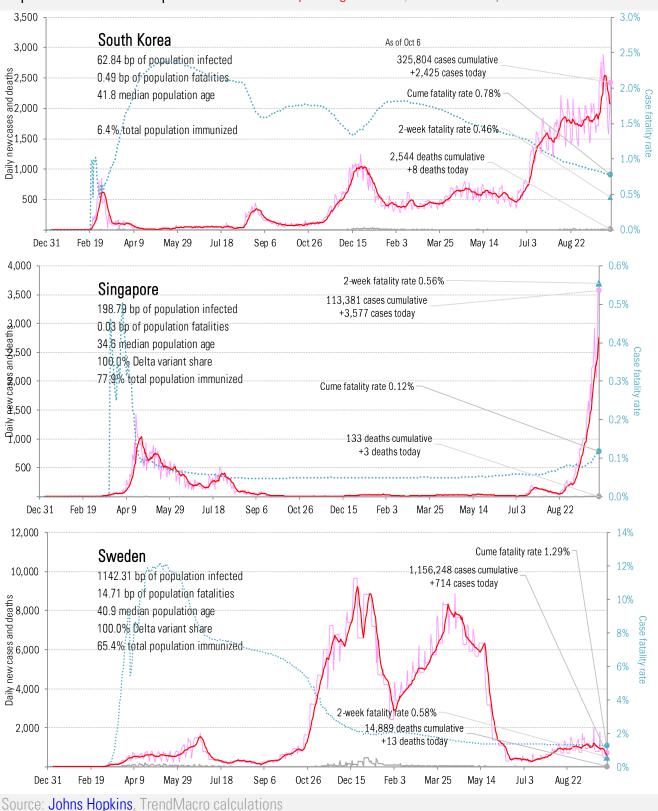
Source: Johns Hopkins, TrendMacro calculations



Impact in The Anglosphere Cases: 7-day average and daily Deaths: Daily

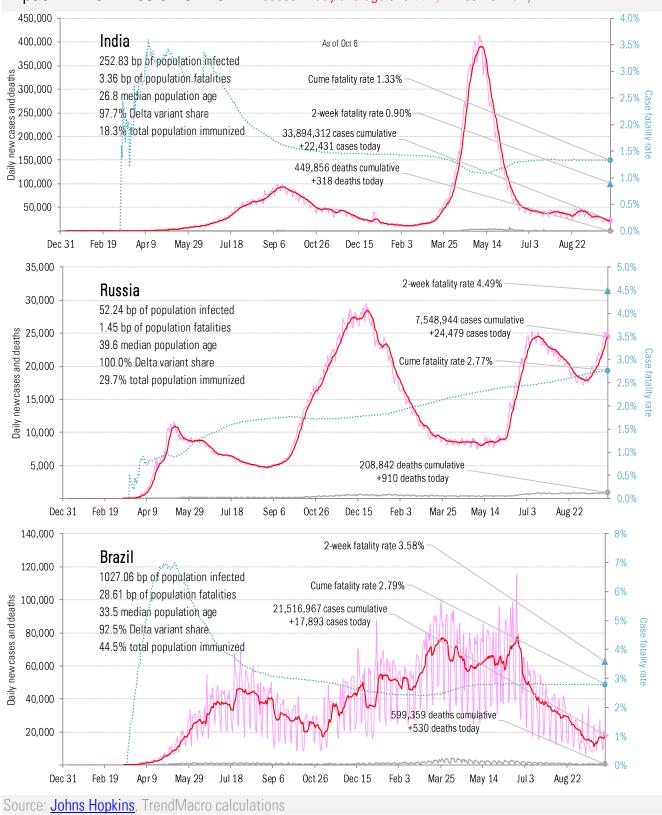


Source: Johns Hopkins, TrendMacro calculations



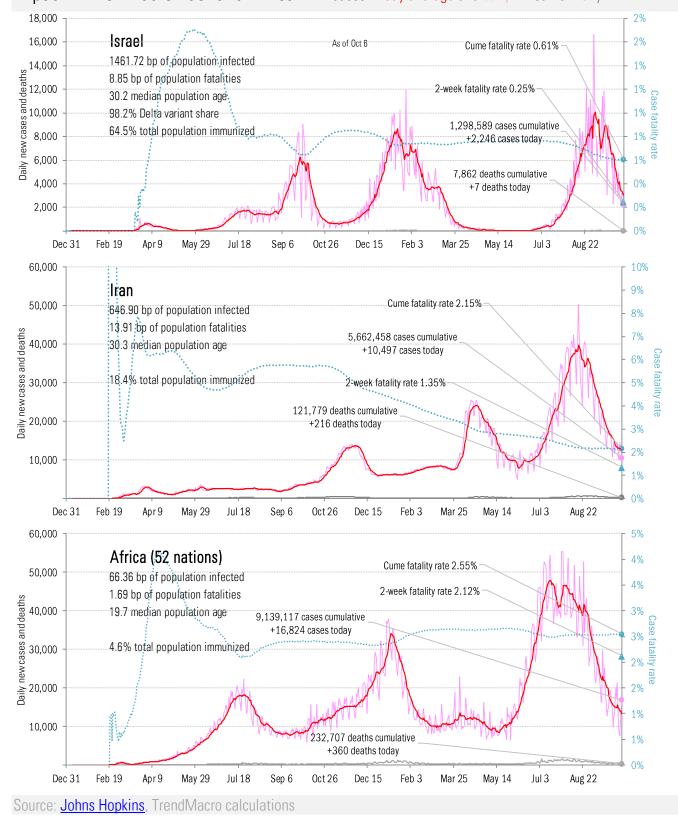
Impact in other hot-spots Cases: 7-day average and daily Deaths: Daily

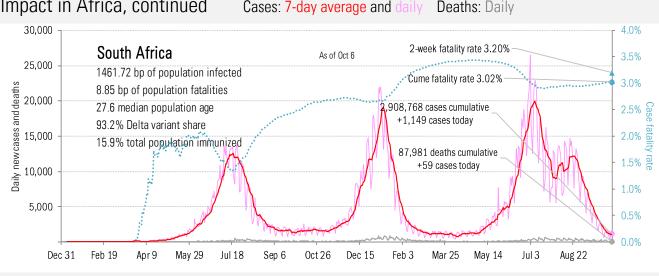
Impact in the BRICs ex-China Cases: 7-day average and daily Deaths: Daily



Impact in the Middle East and Africa

Cases: 7-day average and daily Deaths: Daily





Impact in Africa, continued Cases: 7-day average and daily Deaths: Daily

Source: Johns Hopkins, TrendMacro calculations