

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

Data Insights: Covid-2019 Monitor

Thursday, December 3, 2020

The global scorecard



For more information contact us: Donald Luskin: 312 273 6766 don@trendmacro.com

Thomas Demas: 704 552 3625 tdemas@trendmacro.com

Copyright 2020 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.

The US scorecard







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

Recommended reading

How a Couple's Quest to Cure Cancer Led to the West's First Covid-19 Vaccine

Bojan Pancevski *Wall Street Journal* December 2, 2020

<u>New Study Highlights Alleged Accounting Error</u> <u>Regarding Covid Deaths</u>

Ethan Yang *American Institute for Economic Research* November 26, 2020

Covid-19 Deaths: A Look at U.S. Data

Genevieve Briand JHU Advanced Academic Programs Nov 13, 2020

The Censorship of Dr. Briand

Ethan Yang *American Institute for Economic Research* December 1, 2020

Switzerland halves new infections without national lockdown as pubs and restaurants stay open

Justin Huggler *The Telegraph* November 30, 2020

Florida governor says the state will remain open without restrictions amid rising virus cases

Brianna Kraemer *Just the News* December 1, 2020

Meme of day



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



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*



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



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



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



Reality-checking the models: actuals versus IHME predictions

New daily fatalities

Actual versus first, highest, lowest and latest model mean predictions



As of Dec 2

Cumulative fatalities

Actual versus first, highest, lowest and latest model mean predictions



Healthcare system stress, peak and ultimate estimated at each model revision





Source: Covid Tracking Project,, TrendMacro calculations





Patient zero... and then everyone else







Impact in The Anglosphere



Source: Johns Hopkins, TrendMacro calculations



Source: Johns Hopkins, TrendMacro calculations

Impact in other hot-spots 900 South Korea 800 35,703 cases cumulative As of Dec 2 +540 cases today 6.89 bp of population infected 700 Daily new cases and deaths 0.10 bp of population fatalities Cume fatality rate 1.48% 600 41.8 median oppulation age 500 2-week fatality rate 1.19% 400 529 deaths cumulative 300 +3 deaths today 7-day moving average cases 200 100 Dec 31 Jan 21 Feb 11 Mar 3 Mar 24 Apr 14 May 5 May 26 Jun 16 Jul 28 Aug 18 Sep 8 Sep 29 Oct 20 Nov 10 Jul 7 1,600 Singapore 1,400 102.09 bp of population infected

3.0%

2.5%

2.0%

1.5%

1.0%

0.5%

0.0%

1.2%

Dec 1

rate



Source: Johns Hopkins, TrendMacro calculations



