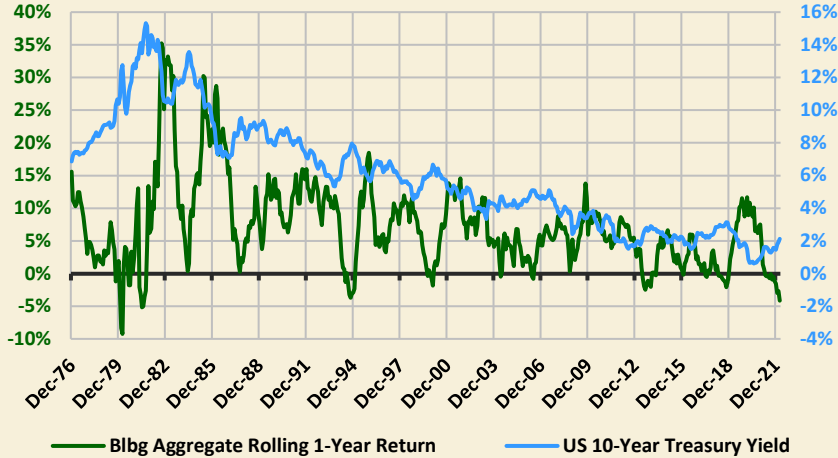


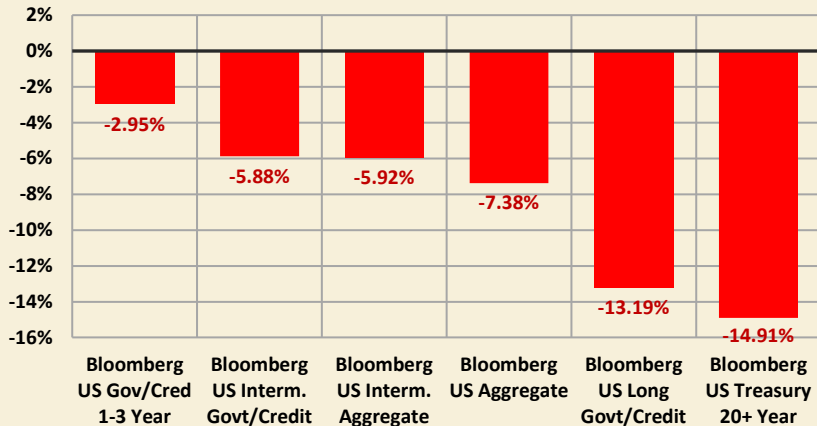
MARKET MICROSCOPE – A Bear Market For Bonds?

It has been a long time since US investors have experienced this kind of negative return in the bond market.

Bloomberg Aggregate Index 1-Year Return & US 10-Year Yield
Jan 1976 - Mar 2022

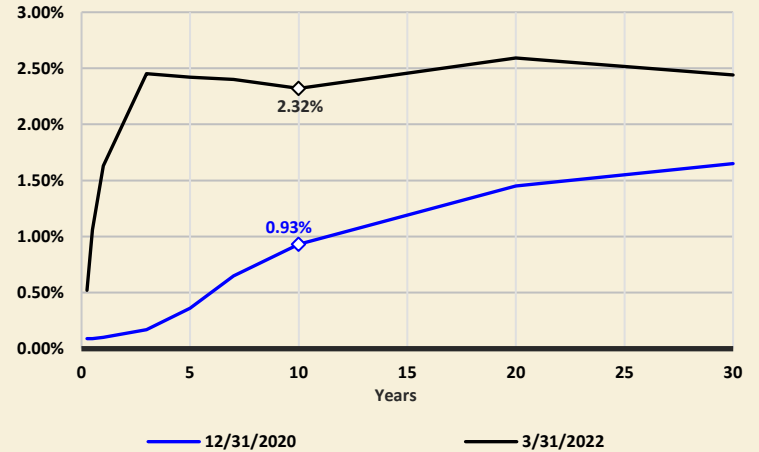


Cumulative Return Since Jan 2021

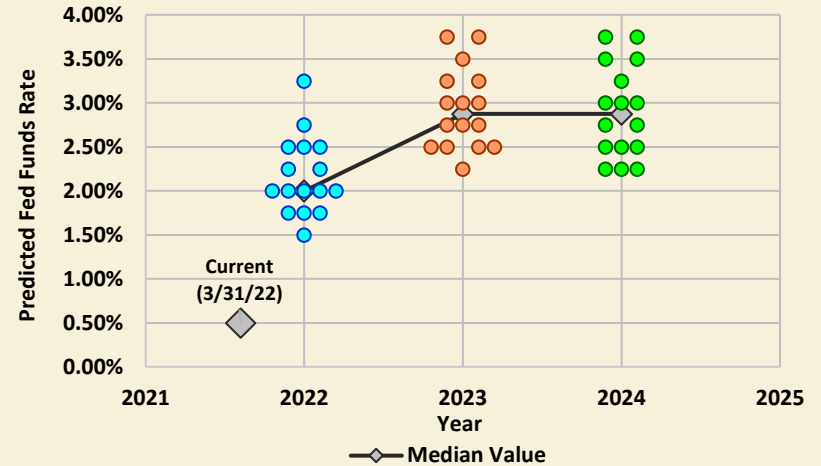


On a rolling 1-year basis, the Aggregate index's return sank below -4% for the first time since 1981. Since the start of 2021, the Aggregate is down over -7%, with long-term Treasury bonds down nearly -15%

US Yield Curve Change Since 12/31/2020



Fed Funds Rate "Dot Plot" March 2022



As of the end of the first quarter, portions of the US yield curve had become inverted. The Federal Reserve increased the Fed Funds Rate in March, with 5-to-8 more rate hikes expected in the near term.