

APRIL 2023

Fixed Income Market Update

After about a 2.5% drop in February, the Bloomberg Barclays U.S. Aggregate Bond Total Return Index gained over 2.5% in March. The index has been positive for six of the past 12 months. Of the nine fixed income sectors we track, all of them except Floating Rate Notes had positive returns in March.

After last month's liquidity backstop by the Swiss National Bank for Credit Suisse and the \$30 billion capital injection into First Republic by a consortium of U.S. banks, it looks like

authorities have successfully ringfenced the banking problems.

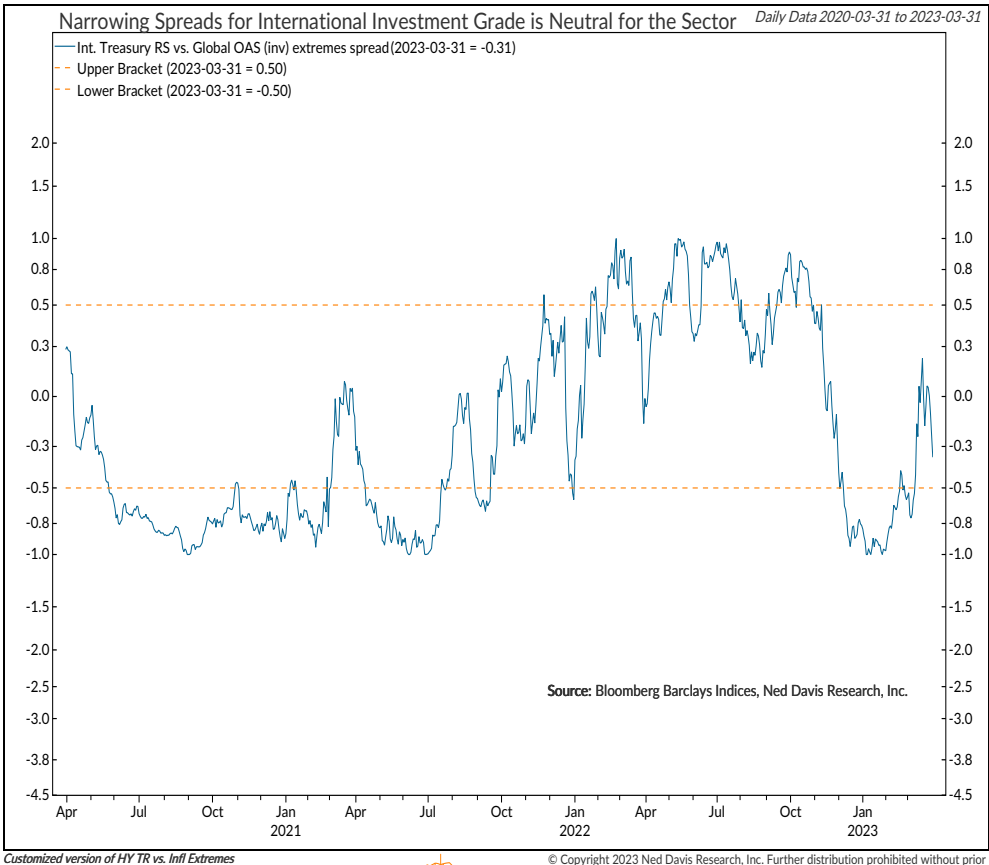
Following the anticipated 25 basis point rate hike in March, the Fed provided an update to their economic outlook. The Fed is effectively forecasting a recession this year. We can't have 3.2% GDP growth in Q1 and end up at 0.4% for the year without having negative quarters. Unemployment is projected to rise to 4.5% from 3.6%. As a result, market participants are starting to price in a reversal of the tightening

cycle. The decline in rates across the curve impacted fixed income sector leadership, as well as the trend in the U.S. Dollar (chart below).

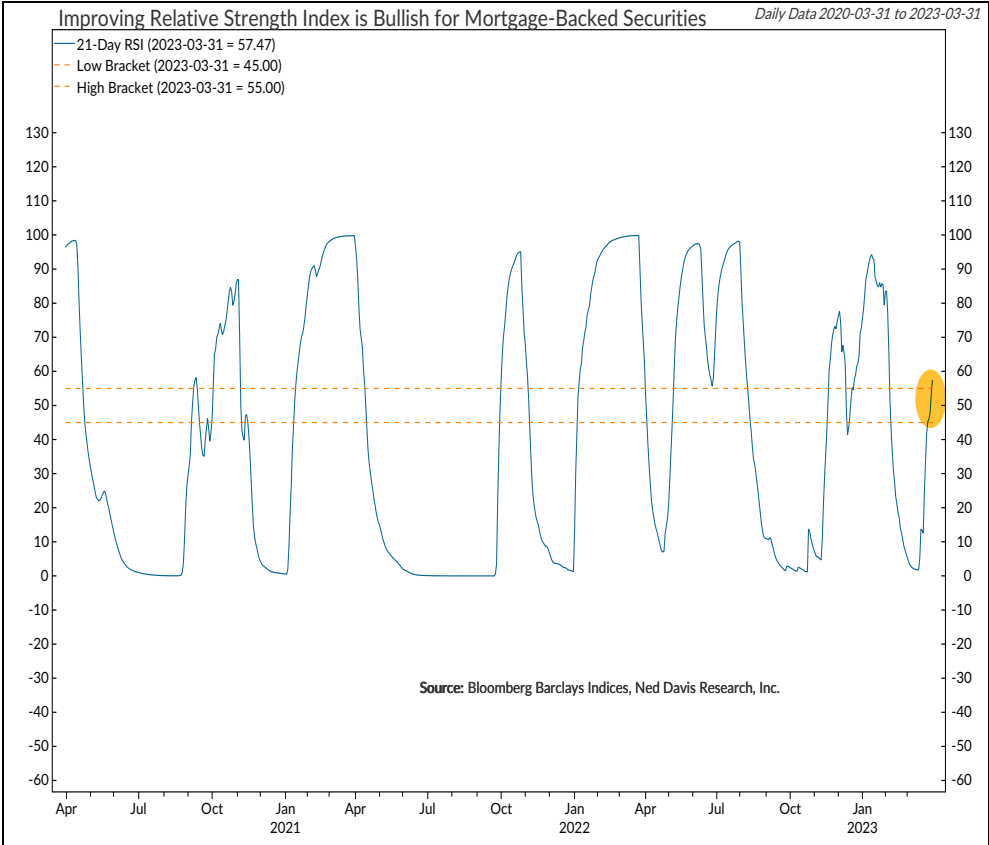
Entering April, the fixed income allocation strategy is overweight International Investment Grade, Emerging Market Bonds, Treasury Inflation-Protected Securities, and Mortgage-Backed Securities, while Floating Rate Notes, U.S. Long-Term Treasuries, and U.S. High-Yield Bonds are underweight.



International Investment Grade bond's allocation rose sharply to the largest overweight position. Equity volatility and international investment grade bond price trends are bullish for the sector. Narrowing global option-adjusted spreads improved to neutral this past month (chart right).



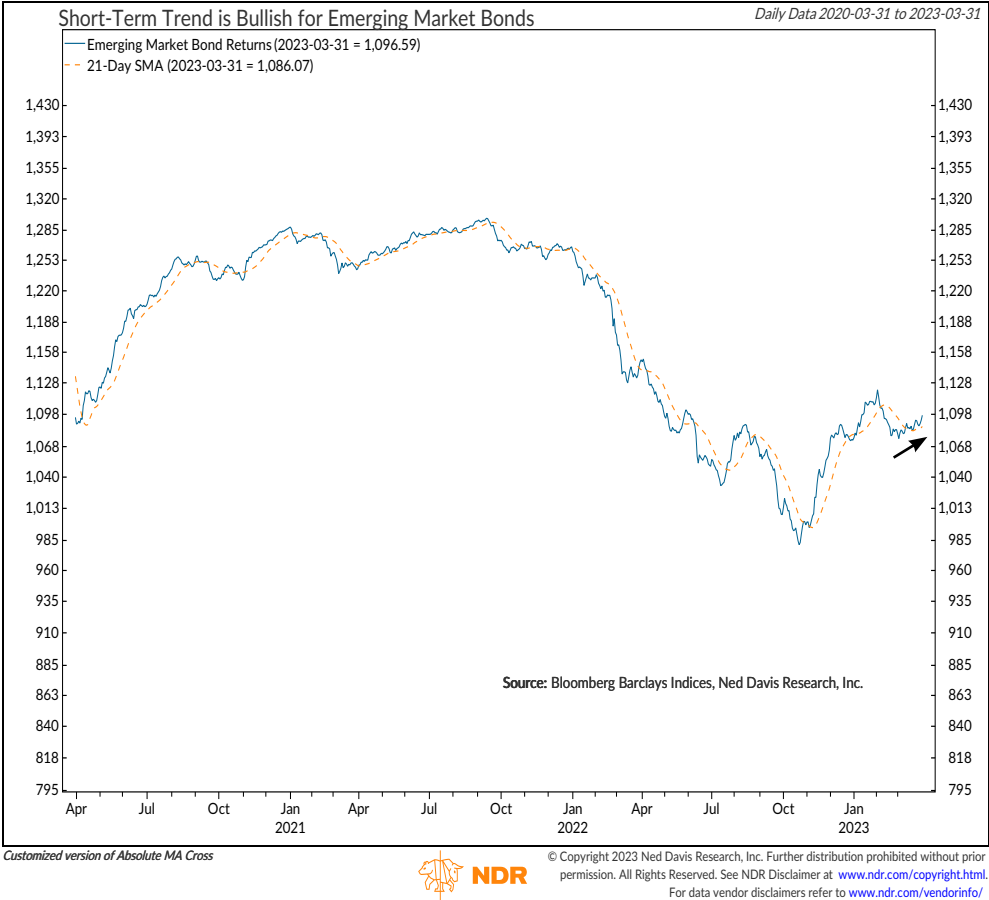
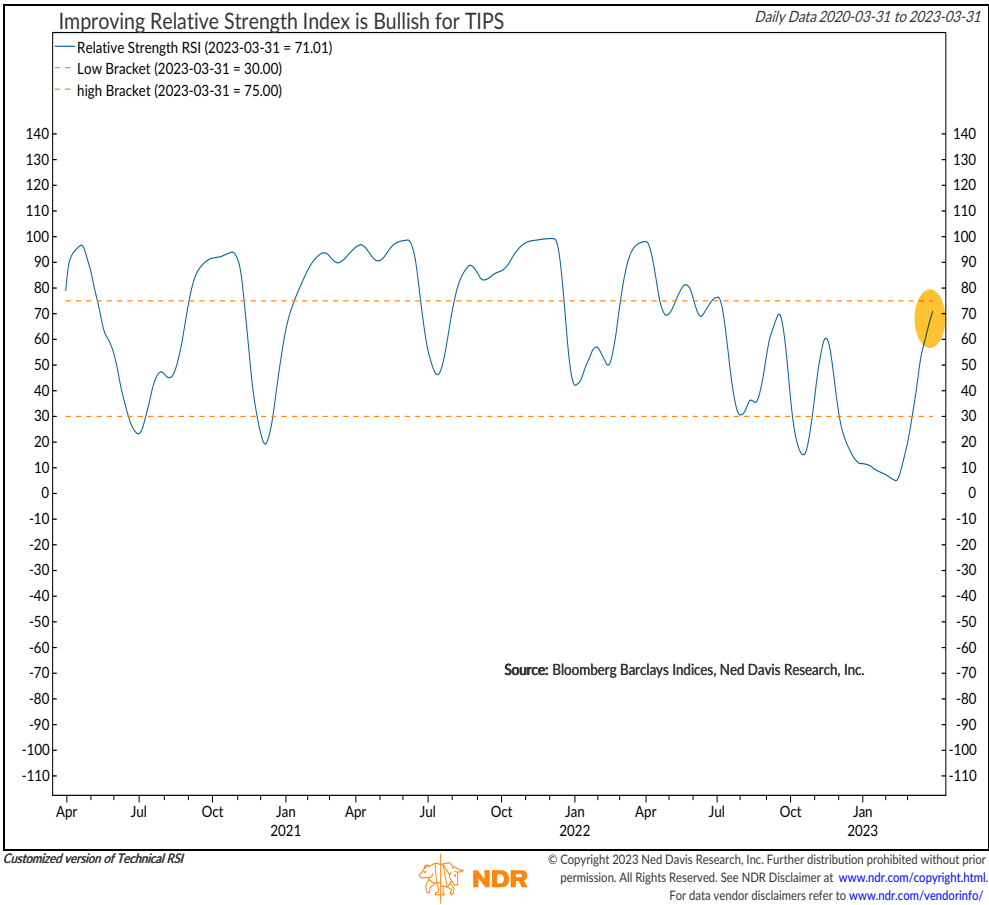
© Copyright 2023 Ned Davis Research, Inc. Further distribution prohibited without prior permission. All Rights Reserved. See NDR Disclaimer at www.ndr.com/copyright.html. For data vendor disclaimers refer to www.ndr.com/vendorinfo/



© Copyright 2023 Ned Davis Research, Inc. Further distribution prohibited without prior permission. All Rights Reserved. See NDR Disclaimer at www.ndr.com/copyright.html. For data vendor disclaimers refer to www.ndr.com/vendorinfo/

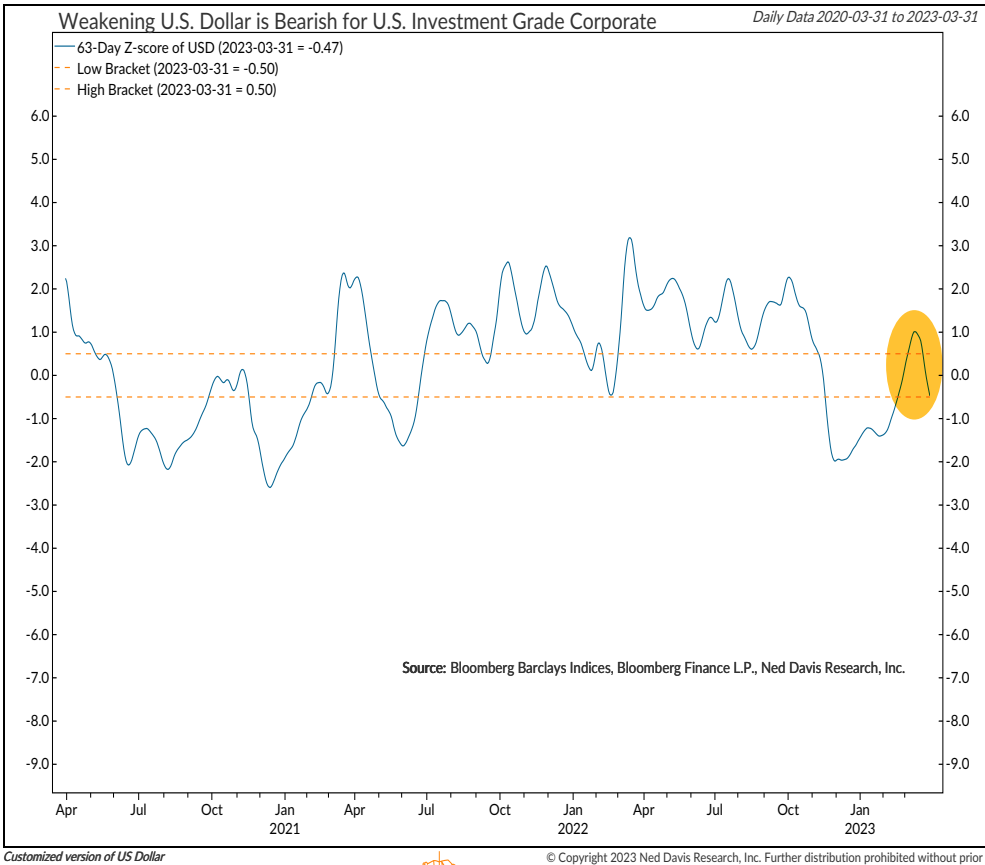
Mortgage-Backed Securities' (MBS) allocation increased sharply, moving it from an underweight to overweight position in April. With mortgage rates falling during March, two of the six indicators flipped bullish for MBS—the sector's relative strength index (chart left) and narrowing high-yield option-adjusted spreads.

Treasury Inflation-Protected Securities' (TIPS) allocation increased sharply, moving it from an underweight to overweight position in April. On a fundamental basis, narrowing high-yield option-adjusted spreads is bullish for the sector. Technicals also improved—the relative strength index (chart right) moved bullish during the month.

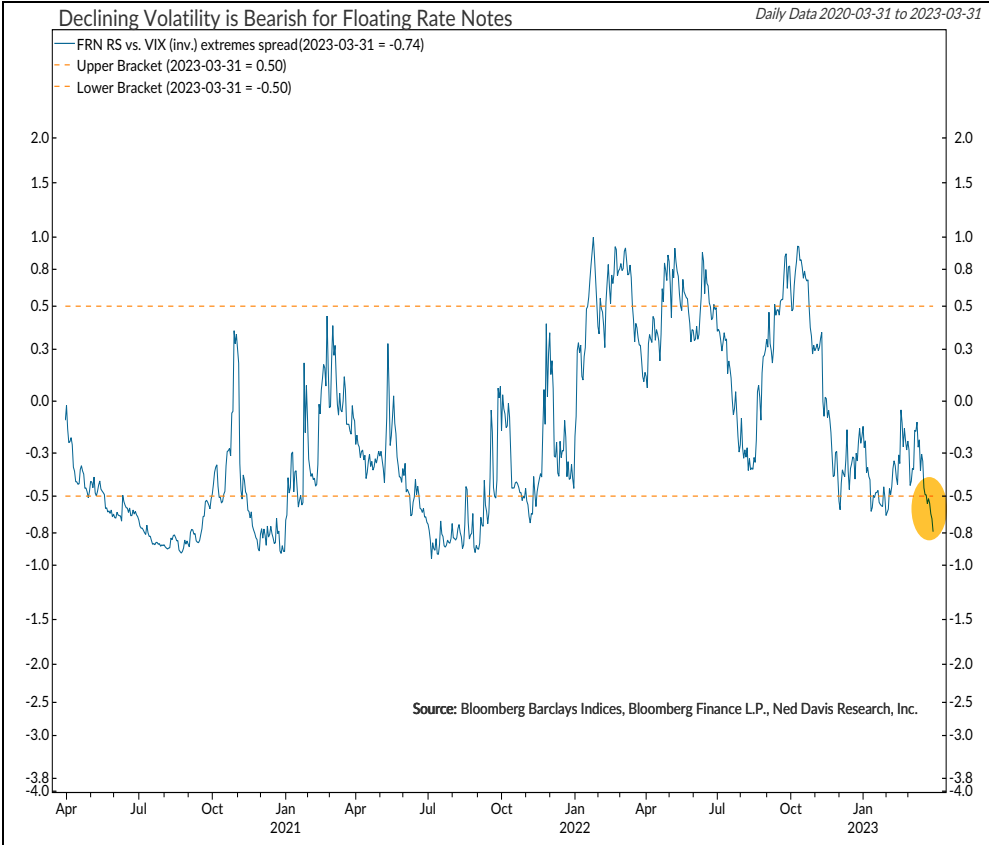


Emerging Market (EM) bonds' allocation rose sharply in April, moving the sector from an underweight to an overweight. Due to the inverse relationship with Emerging Markets, the weakening of the U.S. Dollar relative to EM currencies became a bullish condition for both emerging market equities and bonds. As a result, short-term trend turned bullish for the sector (chart left).

The allocation to U.S. Investment Grade Corporate bonds rose in April, driving the sector from underweight to neutral. Most of the fundamental and technical indicators are bearish for the sector. Over the last month, the reversal in the U.S. Dollar Index was bearish for the sector (chart right).



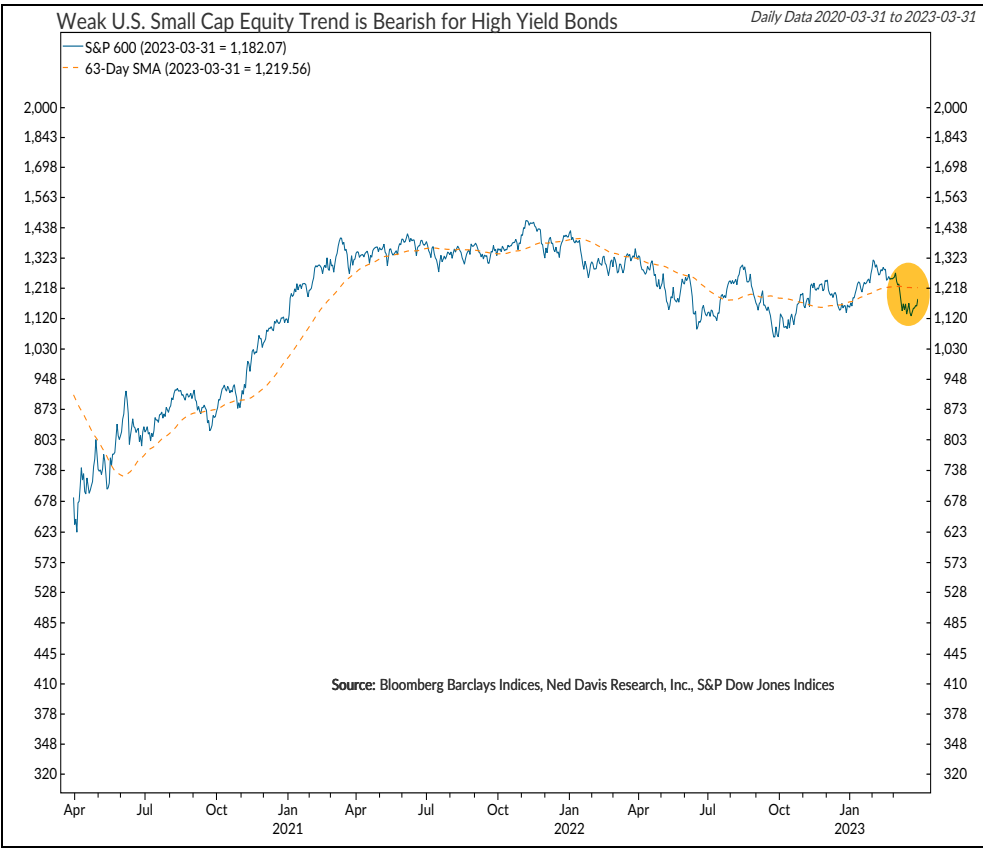
© Copyright 2023 Ned Davis Research, Inc. Further distribution prohibited without prior permission. All Rights Reserved. See NDR Disclaimer at www.ndr.com/copyright.html. For data vendor disclaimers refer to www.ndr.com/vendorinfo/



© Copyright 2023 Ned Davis Research, Inc. Further distribution prohibited without prior permission. All Rights Reserved. See NDR Disclaimer at www.ndr.com/copyright.html. For data vendor disclaimers refer to www.ndr.com/vendorinfo/

Floating Rate Notes' allocation fell sharply in April, moving it from the highest overweight to the largest underweight position. Floating rate notes typically outperform during a rising rate environment—yields across the board fell in March. All fundamental and technical indicators are now bearish. A decline in volatility, as measured by the VIX (chart left), turned bearish for the sector in March.

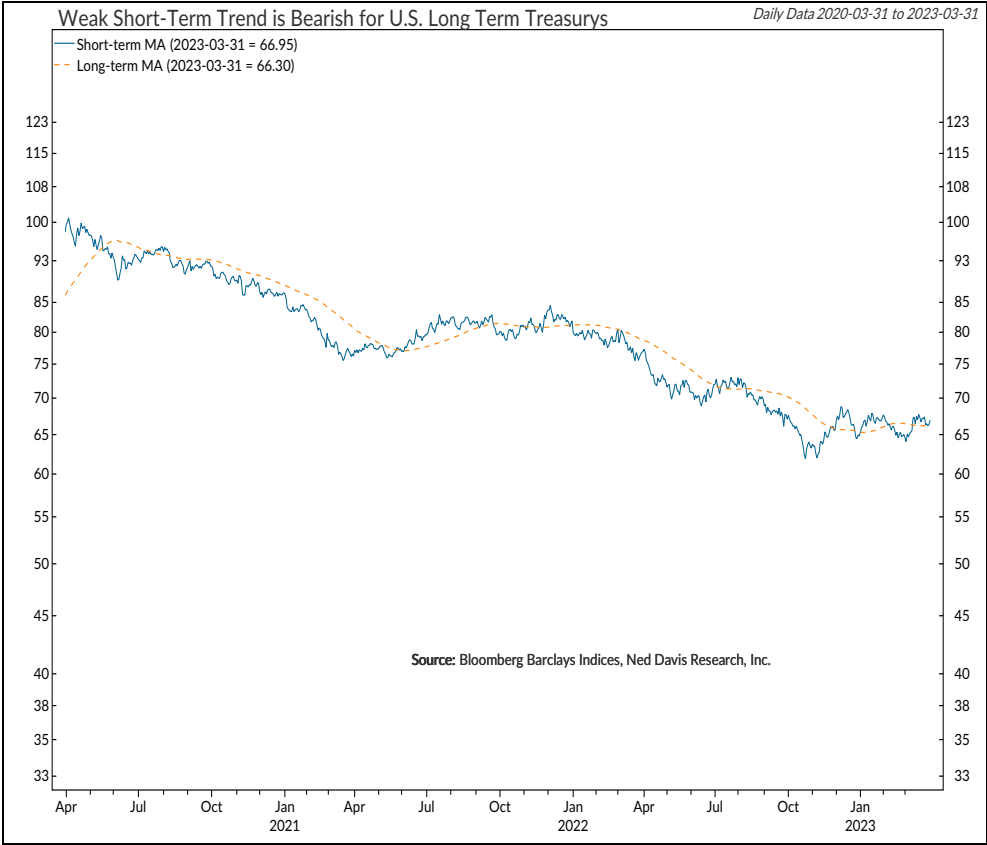
U.S. High Yield bonds' allocation declined sharply in April, moving it from overweight to underweight. Indicators are mixed. Improving breadth was offset by a weaker small-cap equity trend (chart right) and lower volatility.



Customized version of US Small Cap Equity Trend



© Copyright 2023 Ned Davis Research, Inc. Further distribution prohibited without prior permission. All Rights Reserved. See NDR Disclaimer at www.ndr.com/copyright.html. For data vendor disclaimers refer to www.ndr.com/vendorinfo/



Customized version of Technical Cross



© Copyright 2023 Ned Davis Research, Inc. Further distribution prohibited without prior permission. All Rights Reserved. See NDR Disclaimer at www.ndr.com/copyright.html. For data vendor disclaimers refer to www.ndr.com/vendorinfo/

Allocation to U.S. Long-Term Treasurys declined, moving the sector from neutral to underweight. Most indicators are neutral or bearish. Improving price momentum, now bullish, was offset by deteriorating short-term trend (chart left).

Summary

With yields across the board declining in March, fixed income sectors rallied. A weaker U.S. Dollar led to Emerging Market and International Investment Grade bonds improving to overweight. U.S. Investment Grade bonds improved to neutral. Lower rates helped push TIPS and MBS to overweight and Floating Rate Notes to underweight. U.S. Long-Term Treasurys and U.S. High Yield bonds also dropped to underweight.

Ned Davis Research Disclaimer:

The data and analysis contained within are provided "as is" and without warranty of any kind, either expressed or implied. The information is based on data believed to be reliable, but it is not guaranteed. NDR DISCLAIMS ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. All performance measures do not reflect tax consequences, execution, commissions, and other trading costs, and as such investors should consult their tax advisors before making investment decisions, as well as realize that the past performance and results of the model are not a guarantee of future results. The Fixed Income Allocation Strategy is not intended to be the primary basis for investment decisions and the usage of the model does not address the suitability of any particular investment for any particular investor.

Using any graph, chart, formula, model, or other device to assist in deciding which securities to trade or when to trade them presents many difficulties and their effectiveness has significant limitations, including that prior patterns may not repeat themselves continuously or on any particular occasion. In addition, market participants using such devices can impact the market in a way that changes the effectiveness of such devices. NDR believes no individual graph, chart, formula, model, or other device should be used as the sole basis for any investment decision and suggests that all market participants consider differing viewpoints and use a weight of the evidence approach that fits their investment needs.