

THE WISDOMTREE Q4 2022 ECONOMIC AND MARKET OUTLOOK IN 10 CHARTS OR LESS

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"I just dropped in to see what condition my condition was in"

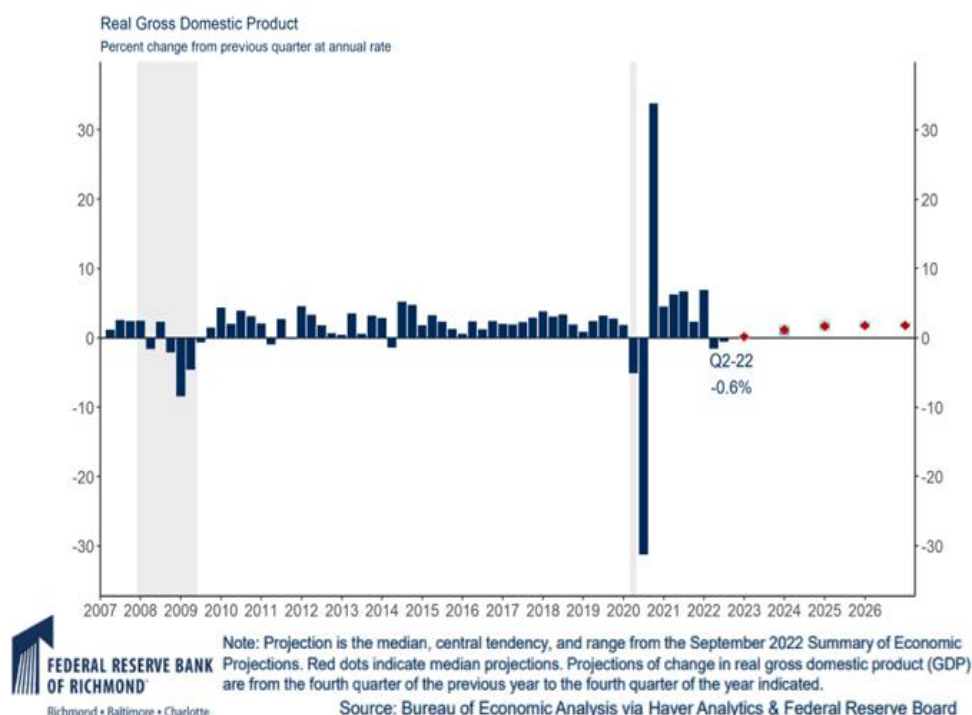
(Kenny Rogers & The First Edition, 1967)

When reviewing the [current state of the global economy and investment markets](#), we recommend focusing on market signals and weeding out market noise. We believe the five primary economic and market signals providing perspective on where we go from here are [GDP](#) growth, earnings, [interest rates](#), [inflation](#) and [central bank](#) policy.

GDP Growth

Some argue we have entered a technical recession because there was negative GDP growth in each of the first two quarters. Others argue that the continuance of a strong labor market suggests we have not. Either way, the economy is slowing and expected to be sluggish or recessionary in 2023.

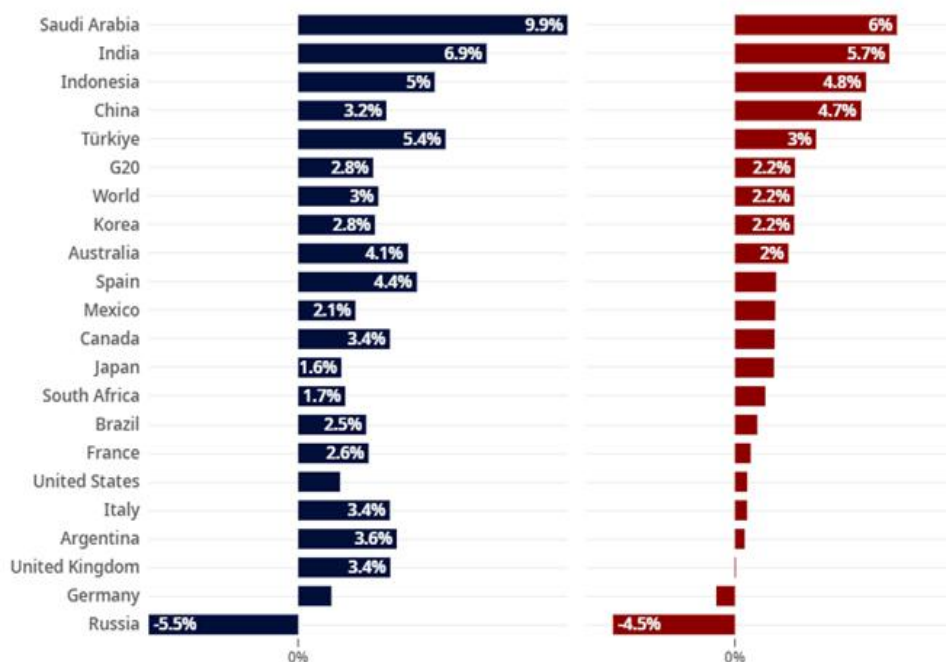
Real Gross Domestic Product



Global GDP growth is still expected to be positive in 2022 (excluding Russia) but is expected to fall fairly dramatically in 2023.

Real GDP Growth Projections for 2022 and 2023

Year-over-year, %



Source: OECD Economic Outlook, September 2022.

*Translation: A recession is on the horizon. The **bears** suggest we are already in one, while the **bulls** suggest we won't see it until 2023. There remains positive economic news, but many indicators are declining. In the U.S., much will depend on the **Federal Reserve's** actions and the corresponding effect on consumer and investor behavior.*

The Fed, the ongoing Russia/Ukraine war and rising geopolitical tensions continue to be the three dominant "known unknowns" in this outlook.

Earnings

The U.S. Q3 2022 earnings season has just begun, and the outlook is for lower but still positive revenue and earnings growth. Future estimates are also positive but muted. We will know a great deal more as we roll through the Q3 earnings season and hear future guidance from corporate CEOs.

Quarterly Earnings & Revenue Growth (YoY)



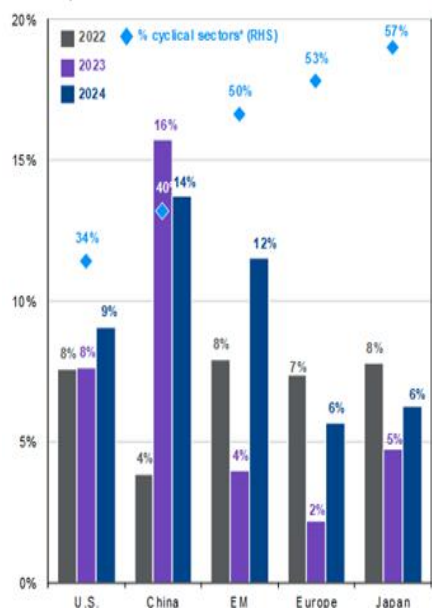
Source: Zacks Investment Research, as of 9/30/22. Green bars represent earnings estimates, while orange bars represent revenue estimates.

Global earnings expectations and **valuations** are a bit at odds with general investor sentiment. The terrible market through the first three quarters brought global valuations to well below their 25-year average. Is it a case of "be greedy when others are fearful?" We recommend you consider hedging the currency risk of non-U.S. investments.

International Equity Earnings and Valuations

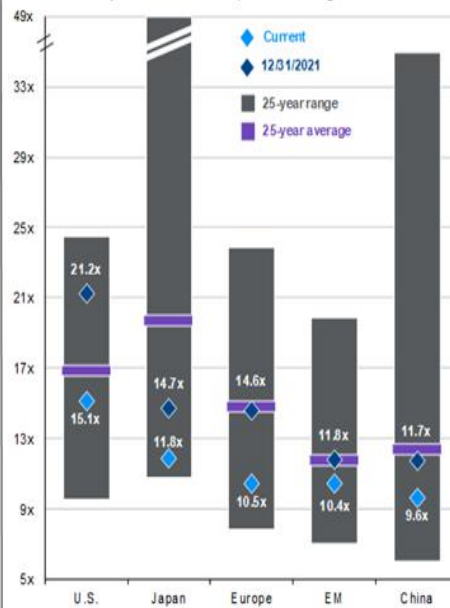
Global earnings growth

Calendar year consensus estimates



Global valuations

Current and 25-year next 12 months price-to-earnings ratio



Source: FactSet, MSCI, Standard & Poor's, Thomson Reuters, J.P. Morgan Asset Management.

*Cyclical sectors include consumer discretionary, financials, industrials, energy and materials. The internet and direct marketing subsector has been removed from the cyclical calculation. In our judgement, companies in this space do not yet fit into the cyclical category, as they are still in a transitional growth phase and are not being directly impacted by the business cycle. Valuation and earnings charts use MSCI indices for all regions/countries, except for the U.S., which is the S&P 500. All indices use IBEES aggregate earnings estimates, which may differ from earnings estimates used elsewhere in the book. MSCI Europe includes the eurozone as well as countries not in the currency bloc, such as Norway, Sweden, Switzerland and the UK (which collectively make up 44% of the overall index). Past performance is not a reliable indicator of current and future results.

Guide to the Markets – U.S. Data as of September 30, 2022.

J.P.Morgan
ASSET MANAGEMENT

Source: JP Morgan Asset Management Guide to the Markets, 9/30/22.

Translation: We have entered a period of great uncertainty with respect to the equity markets. All eyes are on Q3 earnings and future guidance. Valuations have fallen to the point where many markets are attractively priced from an historical perspective, but we expect increased volatility as we move through the fourth quarter.

We saw a strong factor rotation away from growth and toward value and dividend stocks in the first three quarters of 2022. While we believe this trend will continue, we remain diversified by risk factor within our Portfolios because volatile markets can change direction quickly.

We also believe quality (i.e., companies with strong balance sheets, earnings and cash flows) may become increasingly important as we sail into the potentially volatile seas of the remainder of 2022.

Interest Rates and Spreads

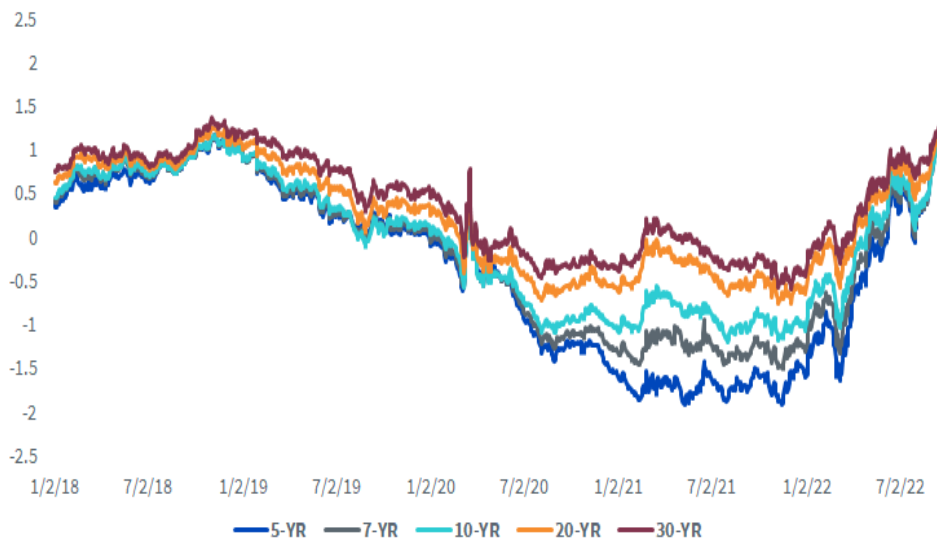
The yield curve has become an item of intense focus these days. With the economy slowing and the Fed engaged in both aggressive rate hikes and quantitative easing, there is a great deal of uncertainty about what the [yield curve](#) might be telling us regarding the possibility of recession. Many people focus on the spread between the 10-Year and 3-month Treasury rate—an inversion is viewed as a harbinger of recession. We're not there (yet).



Source: YCharts, 12-month data through 9/30/22.

The Treasury real yield (nominal rates minus inflation) curve is positive across the maturity spectrum, meaning investors can earn a real return on their bond portfolios again

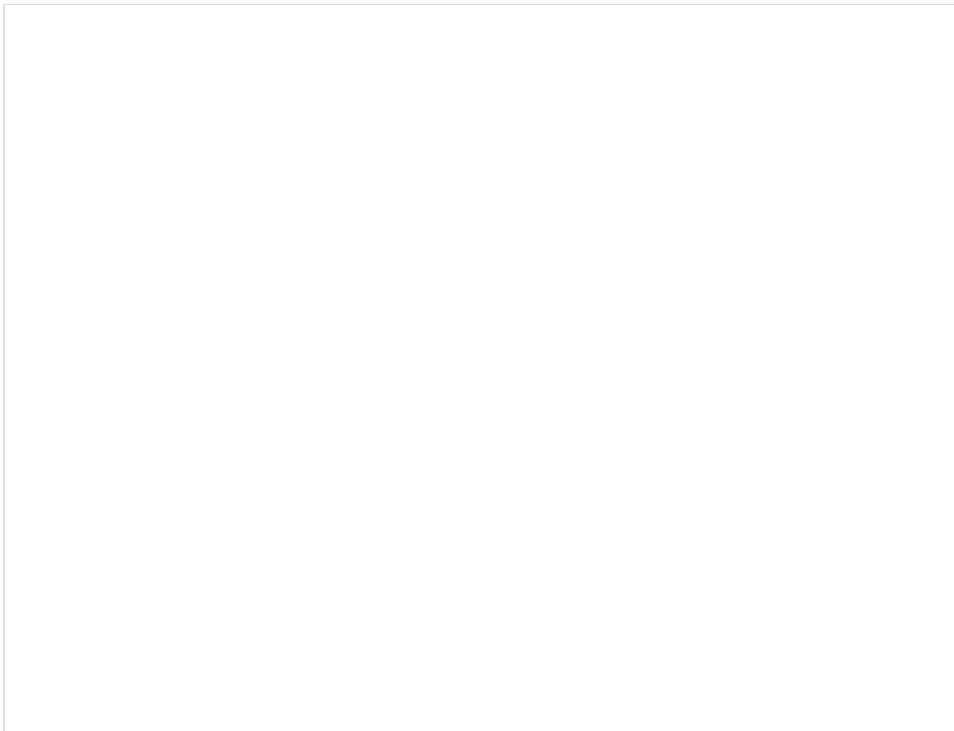
U.S. Treasury Real Yields (%)



Source: Treasury.gov, data through 9/30/22.

[Credit spreads](#) have risen in anticipation of an economic slowdown. But corporate balance sheets are in decent shape, so [coupons](#) should be safe. We recently increased the [duration](#) of our [strategic fixed income Model](#) but maintain a short duration relative to the [Bloomberg U.S. Aggregate Index](#), as well as an over-weight allocation to quality credit.

We believe there may be relative value in high-yield and interest rate hedged bonds, and we still like floating rate Treasuries.

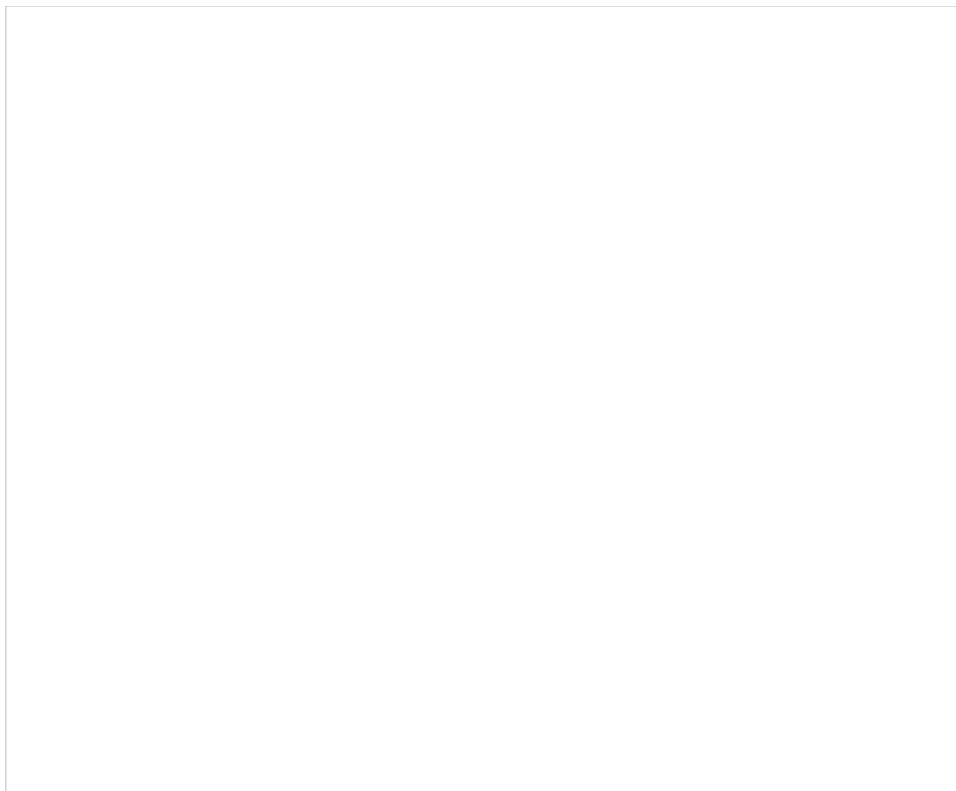


Translation: Recently, we slightly increased duration within our Fixed Income Portfolios but maintain a short duration position and an overweight allocation to quality credit relative to the Bloomberg U.S. Aggregate Index. We are comfortable there but are paying closer attention to the duration trade. Bloomberg Aggregate Bond Index: The Bloomberg Aggregate Bond Index or "the Agg" is a broad-based fixed-income index used by bond traders and the managers of mutual funds and exchange-traded funds (ETFs) as a benchmark to measure their relative performance

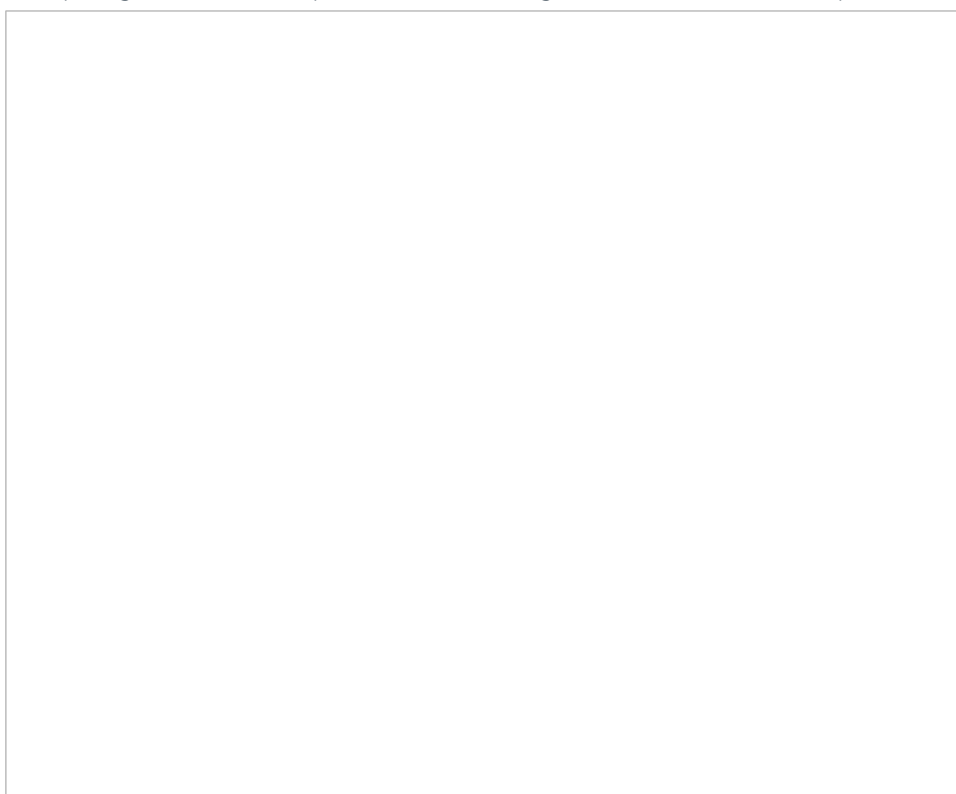
Inflation

Inflation will remain a primary concern for the remainder of 2022 and well into 2023. The Fed remains aggressively [hawkish](#), and all eyes will be on the central bank's behavior and actions as we move through the fourth quarter.

There may be signs we are seeing peak inflation levels as the economy cools, supply chains re-open and oil prices stabilize (although this could change if OPEC decides to cut supply as it has indicated it plans to do). But we believe inflation will remain "sticky" and it will take some time to even approach the Fed's target levels.



Global [commodities](#) cooled significantly over the past several months, as the market priced in a slowing global economy. The biggest variable now will be OPEC actions and the corresponding effect on oil prices. Some analysts are anticipating a return to \$100 per barrel oil if the organization decides to lower production.



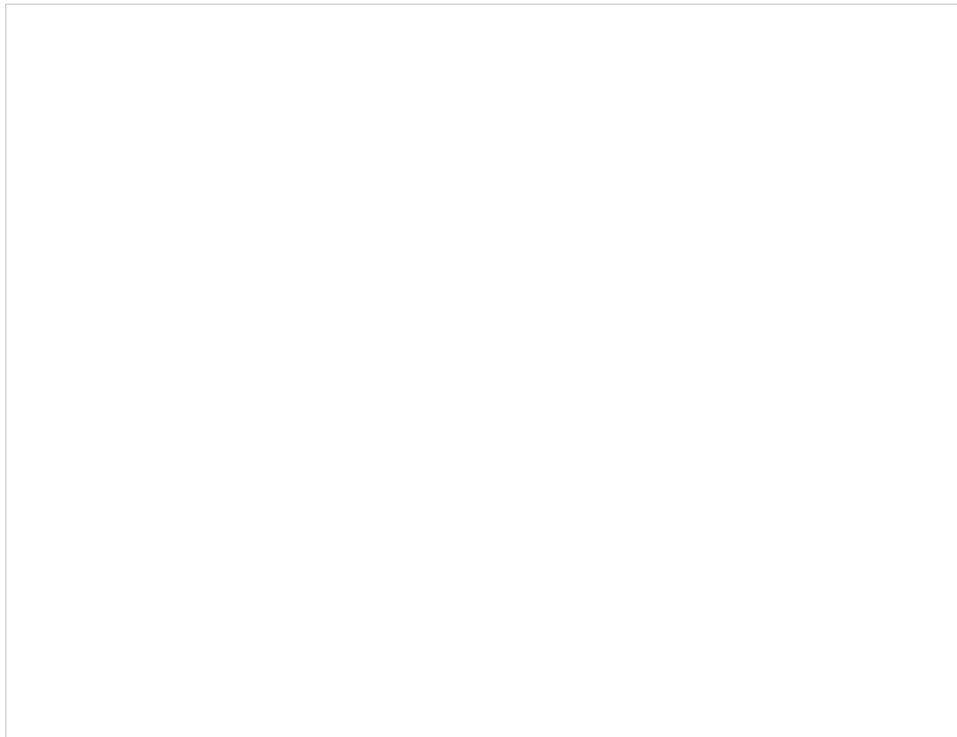
For definitions of indexes in the chart above, please visit the [glossary](#).

Translation: Inflation remains the story of 2022, and will probably be so well into 2023. All eyes will be on the Fed through the fourth quarter as it has its last two [FOMC](#) meetings in November and December.

We note that rising inflation is not just a U.S. phenomenon—it is global. Other central banks have also begun their own rate hike regimes, even in the face of a slowing global economy.

Central Bank Policy

We see an interesting situation with respect to the Fed. In its latest dot plot, most members seem to be sticking with the rate hike regime well into 2023. But the market may be pricing in a different outcome—one in which the Fed begins easing again in the second half of next year.



For definitions of indexes in the chart above, please visit the [glossary](#).

Translation: All eyes are on the Fed. Our base case is that the Fed will maintain its rate hike regime through this year and into 2023. Inflation is proving to be stubborn, and the Fed seems to realize it stayed “too loose for too long” and is trying to make up for lost time.

Summary

When focusing on what we believe are the primary market signals, the “condition our condition is in” is uncertain. Economic growth is slowing. Earnings are expected to fall but be mildly positive. The labor market remains strong and consumer spending remains solid. Combined with high inflation, the ongoing Russia/Ukraine conflict, OPEC, and rising tensions between the U.S. and China and Iran, these are volatile and uncertain times.

We’ve already witnessed a significant factor rotation toward value and dividend stocks, both of which at least partially mitigated the broad market downturn through the first three quarters of 2022. We think that trend will continue, but we maintain our belief in risk factor diversification throughout our Portfolios. The bond market has become interesting again.

So, we believe we are in for increased volatility, and we continue to recommend focusing on a longer-term time horizon and the construction of “all weather” portfolios, diversified at both the asset class and risk factor levels

For standardized performance and the most recent month-end performance click [here](#) NOTE, this material is intended for electronic use only. Individuals who intend to print and physically deliver to an investor must print the monthly performance report to accompany this blog.

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DEFINITIONS

Gross domestic product (GDP) : The sum total of all goods and services produced across an economy.

Interest rates : The rate at which interest is paid by a borrower for the use of money.

Inflation : Characterized by rising price levels.

Central bank : Refers to the the monetary authority of any country.

Bear market : A sustained downturn in market prices, increasing the chances of negative portfolio returns.

Bullish : a position that benefits when asset prices rise.

Federal Reserve : The Federal Reserve System is the central banking system of the United States.

Valuation : Refers to metrics that relate financial statistics for equities to their price levels to determine if certain attributes, such as earnings or dividends, are cheap or expensive.

Curve : Refers to the yield curve. Positioning on the yield curve is important to investors, especially during non-parallel shifts.

Credit spread : The portion of a bond's yield that compensates investors for taking credit risk.

Coupon : The annual interest rate stated on a bond when it's issued. The coupon is typically paid semiannually. This is also referred to as the "coupon rate" or "coupon percent rate."

Duration : A measure of a bond's sensitivity to changes in interest rates. The weighted average accounts for the various durations of the bonds purchased as well as the proportion of the total government bond portfolio that they make up.

Bloomberg Aggregate Bond Index : The Bloomberg Aggregate Bond Index or "the Agg" is a broad-based fixed-income index used by bond traders and the managers of mutual funds and exchange-traded funds (ETFs) as a benchmark to measure their relative performance.

Hawkish : Description used when worries about inflation are the primary concerns in setting monetary policy decisions.

Commodity : A raw material or primary agricultural product that can be bought and sold.

Federal Open Market Committee (FOMC) : The branch of the Federal Reserve Board that determines the direction of monetary policy.