

## May 2023 update for Radius Capital Management

## PERFORMANCE AT A GLANCE

Portfolio/Index	May Return	YTD Return To 5/31/2023
U.S. Stock Benchmark (Vanguard S&P 500 Index Fund)	0.4%	9.6%
Radius 100 (100% stock mutual funds)	-3.0%	1.0%
Radius Index 100 (100% stock ETFs)	-1.2%	5.0%
Balanced Risk (multi-asset risk parity portfolio)*	-0.7%	5.7%
Radius Bond (100% bond mutual funds)	-0.9%	0.1%
Radius Index Bond (100% bond ETFs)	-0.8%	1.8%
Bond Benchmark (Vanguard Total Bond Index Fund)	-1.1%	2.6%

This strategy invests in "hard" assets (commodities, gold, and real estate) as well as stocks and bonds. It is designed to be an alternative to the common 60% stock, 40% bond portfolio.

May was another strange month for the stock market as Growth Stocks continued to vastly outperform Value Stocks. Year to date, Large Growth is up 24.5% vs Large Value's *decline* of 3.4%. While the S&P 500 is up 9.6% through the end of May, the widely-tracked Dow Jones Industrial Average is up just 0.2%. Remarkably, the largest ten names in the S&P 500 (of which eight are growth stocks) account for nearly all the index's year-to-date return. The stock portion of the Radius and Index portfolios are both positive year to date but trail the S&P 500 due to their overweight positions in more conservative Value stocks. An environment of stubborn inflation and higher interest rates should, however, support Value Stocks in the months ahead as value stocks have historically outperformed in periods when US inflation has exceeded 3%. In fixed income, core inflation remains stubbornly high, and investors remain concerned that the Fed could raise rates more than previously expected. As a result, yields on bonds rose in May, and prices fell. The bond portion of both the Radius and Index portfolios outperformed the benchmark because of their exposure to shorter-term bonds. We continue to remain cautious regarding our approach to investing at this time. We recommend that investors remain prudent. Attempting to "time the market" is seldom a successful strategy and we would not recommend you do so. The best way to protect from long-term investment declines is to diversify one's investments across multiple, uncorrelated asset classes and investment strategies.

## **MARKET CHARACTARISTICS**

Stock market volatility§	Below Average (monthly avg. = 18, month end = 18)
Business Cycle Phase	Late Cycle
Dominant Investment Style (active vs. passive)	Passive

In general, the higher the market volatility (as measured by the CBOE Volatility Index or VIX), the more the market is driven by investor emotions (greed and fear). Lower market volatility indicates a market environment based on fundamentals (economic growth, corporate earnings, etc.). The long-term average for the VIX is 20, 30 is considered high, 40 very high, and 50+ extreme.

#### CURRENT RISK-ADJUSTED RETURN (RAR) RANKINGS OF MARKET SEGMENTS

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RAR	Stock Market	1-Mo.	May	Bond Market	1-Mo.	May		
Rank	Segments	Return	RAR	Segments	Return	RAR		
1	Foreign Large Growth	(2.8%)	8%	Intermediate Corporate	(1.2%)	(0%)		
2	Large Growth	5.1%	8%	High Yield Bond	(0.8%)	(0%)		
3	S&P 500	0.4%	4%	Worldwide Bond	(0.0%)	(1%)		
4	Foreign Large Value	(4.5%)	3%	Intermediate Government	(1.0%)	(1%)		
5	Mid-Cap Growth	0.1%	(2%)	Short-Term Corp Bond	(0.4%)	(1%)		
6	Small Growth	(0.0%)	(3%)	Long Corporate Bond	(2.7%)	(1%)		
7	Large Value	(4.1%)	(4%)	Total Bond Index	(1.1%)	(1%)		
8	Small Value	(3.4%)	(8%)	Short Government	(0.4%)	(2%)		
9	Mid-Cap Value	(5.2%)	(8%)	Long Government Bond	(2.8%)	(2%)		

## **LONG-TERM PERFORMANCE THROUGH 5/31/2023**

The longer-term performance of the Radius portfolios continues to be strong. Since inception (1/1/2001), the Radius 100 portfolio has generated a *net* cumulative return of +380% (7.3% annualized) vs. a cumulative return of +377% (7.2% annualized) for the benchmark S&P 500 – with a comparable level of risk (i.e., standard deviation of monthly returns, maximum drawdown, and beta). Over the same time period, the more conservative Radius 60 (60% stock mutual fund, 40% bond mutual fund) portfolio grew +274% (6.1% annualized) vs. a +272% return (6.0% annualized) for its benchmark (60% S&P 500 Stock Index and 40% Total Bond Index).

Past performance is no guarantee of future results. It should not be assumed that investment decisions made in the future will be profitable or will equal the performance of the portfolios shown above.

# Long-Term Performance (net of fees) to 5/31/2023

For S&P 500\*, Radius¹ 100, Index² 100, Balanced Risk Portfolio², Radius¹ Bond, Index² Bond, Bond Index\*

	S&P 500	Radius 100	Index 100	Balanced Risk	Radius Bond	Index Bond	Bond Index			
Portfolio Characteristics										
Inception Date		Jan. 2001	Aug. 2014	Apr. 2015	Jan. 2002	Aug. 2014				
% Stock Funds	100	100	100	28	-	-	-			
% Bond Funds	-	-	-	36	100	100	100			
% Real Estate				3						
% Commodities				5						
% Gold				27						
Recent Performance										
3-Month	6%	1%	2%	4%	0%	2%	2%			
6-Month	3%	-1%	0%	4%	-1%	1%	2%			
1-Year	3%	-5%	0%	-1%	-4%	-4%	-2%			
Performance since Inception (1/1/2001)										
Cumulative	377%	380%	370%	387%	110%	124%	117%			
Annualized	7.2%	7.3%	7.1%	7.3%	3.4%	3.7%	3.5%			
Risk Measures since Inception										
Beta	1.00	0.95	1.03	0.34	0.08	0.04	0.02			
Max Drawdown	-55%	-57%	-52%	-19%	-10%	-14%	-17%			
Std. Deviation	15%	16%	16%	8%	6%	5%	4%			
Correlation to S&P	1.00	0.89	0.96	0.63	0.20	0.12	0.07			

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#### Footnotes:

- Investment return numbers for the Radius 100 and Radius Bond reflect the (unaudited) performance of actual portfolios that have been invested since 1/2001.
- Returns for the Index portfolios prior to 8/2014 and Balanced Risk prior to 4/2015 are **back-tested** and not actual returns of accounts managed by Radius. Back-tested (simulated) performance results have certain inherent limitations. Unlike an actual performance record, simulated results do not represent actual trading. Also, since the trades have not actually been executed, the results may have under- or over-compensated for the impact, if any, of certain market factors, such as lack of liquidity. Simulated investment strategies in general are also subject to the fact that they are designed with the benefit of hindsight. No representation is being made that any account will or is likely to achieve profits or losses similar to those shown.

#### Other Notes:

- All performance numbers include dividends and capital gains and are net of all transaction costs and management fees, but do not reflect the impact of taxes.
- Data Sources: Account statements, Vanguard.com

<sup>\*</sup> Benchmarks: S&P 500 Stock Index = Vanguard S&P 500 Stock Fund (VFINX), Bond Index = Vanguard Total Bond Fund (VBMFX)

## **COMPANY OVERVIEW**

Radius Capital Management is a registered investment advisory company specializing in diversified mutual fund and ETF portfolios. Radius currently manages assets for individuals, retirement and profit-sharing plans, and trusts.

## **Investment Strategies**

- **Radius Strategy** (Active Market-Correlated Momentum): Seeks to invest in the mutual funds that have the best risk-adjusted returns over the past 1-year.
- *Index Strategy* (Passive Market-Correlated Momentum): Invests in broad-based passive market indices with a focus on tax efficiency and avoiding short-term capital gains.
- **Balanced Risk** (Multi-Asset Risk Parity): Seeks to balance the portfolio risk exposure to generate more stable portfolio returns in all market/economic environments.

## **ADDITIONAL INFORMATION**

If you have any questions about the investment approach or would like to learn more about Radius Capital Management, please visit www.radius-capital.com or send an e-mail to info@radius-capital.com.

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