



October 2016 update for Radius Capital Management

PERFORMANCE AT A GLANCE

Portfolio/Index	October Return	YTD Return To 10/31/16
Stock Portion of Radius portfolios (Radius 100)	-1.8%	+2.0%
Stock Portion of Radius Index portfolios (Index 100)	-1.7%	+5.3%
U.S. Stock Benchmark (Vanguard S&P 500 Index Fund)	-1.8%	+5.8%
Balanced Risk 100 Portfolio (target risk/volatility vs. S&P = 100%)	-3.1%	+11.1%
Bond Portion of Radius and Index portfolios	-1.1%	+3.8%
Bond Benchmark (Vanguard Total Bond Index Fund)	-0.8%	+5.0%

Clearly worried about what a Trump presidency would mean for the global economy, U.S. and international stock markets declined broadly in October as investors reacted to polls showing him gaining ground. For the full month the S&P 500 was down **-1.8%**, and the EAFE international index dropped **-2.1%**. Economically-sensitive Small Cap stocks fared the worst, with Small Growth posting a loss of **-5.4%**. Value stocks clearly outperformed Growth, and Large Caps dominated both Mid and Small Caps. With the exception of High Yield bonds, all bond indices declined in October, with the volatile long-term government bonds declining **-4.2%**.

MARKET CHARACTERISTICS

Stock market volatility ¹	Low (average for October = 15)
Business Cycle Phase	Late Expansion (eighth out of nine "innings")
Dominant Investment Style (active vs. passive)	Passive (index-based)

CURRENT RISK-ADJUSTED RETURN (RAR) RANKINGS OF MARKET SEGMENTS²

RAR Rank	Stock Market Segments	1-Mo. Return	10/31/16 RAR	Bond Market Segments	1-Mo. Return	10/31/16 RAR
1	Large Value	-1.2%	+4%	High Yield	+0.3%	+4%
2	Mid-Cap Value	-2.5%	+2%	Intermediate Corporate	-0.6%	+3%
3	Small Value	-3.0%	+2%	Worldwide Bond	-1.2%	+3%
4	S&P 500	-1.8%	+2%	Long Corporate	-2.5%	+2%
5	Foreign Value	-1.6%	+0%	Short-Term Corporate	-0.0%	+2%
6	Large Growth	-2.7%	-1%	Total Bond Index	-0.8%	+2%
7	Small Growth	-5.4%	-2%	Intermediate Government	-0.7%	+1%
8	Mid-Cap Growth	-3.8%	-2%	Long Government	-4.2%	+0%
9	Foreign Growth	-3.1%	-5%	Short Government	-0.1%	+%

LONG-TERM PERFORMANCE THROUGH 10/31/2016

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 **+199%** (7.2% annualized) vs. a cumulative return of **+116%** (5.0% 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 **+178%** (6.7% annualized) vs. a **+124%** return (5.2% annualized) for its benchmark³.

^a Returns for the Balanced Risk portfolio prior to 3/30/2015 are back-tested (simulated) and not actual returns of Radius accounts.

¹ 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.

² The performance numbers are for the corresponding Vanguard stock and bond index funds and the Vanguard Total Intl Bond Index fund (VTIBX) for the Worldwide Bond segment

³ Radius 60 benchmark = 60% S&P 500 Stock Index and 40% Total Bond Index

Long-Term Performance (net of fees) to 10/31/2016 for S&P 500, Bond Index, Radius 100, 60, & 20 Portfolios and Balanced Risk^a 100, 75, & 50 Portfolios

	S&P 500	Bond Index	Balanced Risk 100 ¹	Radius 100	Balanced Risk 75 ¹	Radius 60	Balanced Risk 50 ¹	Radius 20
Inception Date			October 2015	Jan. 2001	October 2015	Jan. 2001	October 2015	Nov. 2003
% in Stock Funds	100	-	31	100	27	60	16	20
% in Bond Funds	-	100	103	-	89	40	69	80
% in Commodities	-	-	18	-	16	-	11	-
% in Real Estate	-	-	9	-	5	-	4	-
Net Cumulative Returns								
2016 YTD	6%	5%	11%	2%	10%	3%	7%	3%
1-Year	4%	4%	7%	0%	7%	1%	5%	2%
3-Year	28%	10%	25%	10%	20%	10%	14%	9%
5-Year	88%	14%	49%	46%	39%	33%	27%	20%
10-year	89%	55%	241%	41%	186%	51%	96%	49%
Since 1/1/2001	116%	109%	877%	199%	576%	178%	242%	136%
Net Annualized Returns								
3-Year	9%	3%	8%	3%	6%	3%	4%	3%
5-Year	13%	3%	8%	8%	7%	6%	5%	4%
10-year	7%	4%	13%	3%	11%	4%	7%	4%
Since 1/1/2001	5%	5%	15%	7%	13%	7%	8%	6%
Risk Measures								
Beta	1.00	-0.02	0.61	1.00	0.51	0.62	0.35	0.21
Max Drawdown	-51%	-4%	-27%	-57%	-24%	-38%	-17%	-13%
Std. Deviation	15%	3%	15%	17%	12%	11%	8%	5%
Correlation to S&P	1.00	-0.09	0.59	0.88	0.60	0.85	0.63	0.64

Benchmarks: S&P 500 Stock Index = Vanguard S&P 500 Stock Index Fund (VFINX)
Bond Index = Vanguard Total Bond Index Fund (VBMFX)

Footnotes:

- ^a Returns for the Balanced Risk portfolio prior to 3/30/2015 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 October 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.
- ¹ The Balanced Risk 100 and 75 portfolios invest part of their assets in leveraged ETFs. These funds seek daily investment results – before fees and expenses – that are triple the return of stock (S&P 500, S&P Mid-Cap 400, Russell 2000), bond (20+ Year Treasury Bond), and commodity (gold, silver, oil) market indices. Using these leveraged ETFs results in greater volatility and a greater risk of loss.

Other Notes:

- Investment returns since the portfolio inception date reflect the (unaudited) performance of actual investment portfolios.
- For the period prior to its inception date, the returns for the Radius 20 are calculated using the actual returns from the Radius 100 and 60.
- 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.
- Past performance is no guarantee of future results. There will be periods when the investments lose value and/or underperform their respective benchmark.
- Data Sources: Account statements, Vanguard.com

COMPANY OVERVIEW

Radius Capital Management is a registered investment advisory company specializing in diversified mutual fund portfolios. Radius currently manages over \$22 million in assets for individuals, retirement and profit sharing plans, and trusts.

Investment Strategies

- **Radius Strategy** (Market-Correlated Momentum): Seeks to invest in the mutual funds that have the best risk-adjusted returns over the past 1-year.
- **Index Strategy** (Market-Correlated Mean Reversion): Invests in market indices that have the worst performance over the past 5 to 10 years.
- **Balanced Risk** (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. You can also find an overview of the Radius Risk Adjusted Return Strategy on the website at www.radius-capital.com/docs/RadiusOverview.pdf.

>> Note: This newsletter is also available online at <http://www.radius-capital.com/docs/Newsletter.pdf>. <<

Regards,

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