



Radius Capital Management September 2017 Update

PERFORMANCE AT A GLANCE

Portfolio/Index	September Return	YTD Return To 9/30/17
Stock Portion of Radius portfolios (Radius 100)	+3.1%	+11.1%
Stock Portion of Radius Index portfolios (Index 100)	+2.5%	+10.4%
U.S. Stock Benchmark (Vanguard S&P 500 Index Fund)	+2.1%	+14.1%
Balanced Risk 75 Portfolio (target risk/volatility vs. S&P = 75%)	-0.2%	+8.3%
Bond Portion of Radius and Index portfolios	-0.6%	+1.5%
Bond Benchmark (Vanguard Total Bond Index Fund)	-0.5%	+3.1%

US and international stocks were broadly higher in September. Value stocks dominated, with Small Value gaining an impressive +4.9% for the month. Due to its roughly 50% allocation to Large Cap Value, the stock portion of the Radius portfolios did well in September, posting a strong gain of +3.1%. With the exception of High Yield, bonds were lower in September, with the benchmark bond index closing the month down -0.5%. Interest-rate sensitive long-term government bonds gave back most of August's gains, posting a loss of -2.3%.

MARKET CHARACTERISTICS

Stock market volatility ¹	Very Low (monthly avg. = 10, month end = 10)
Business Cycle Phase	Late Expansion (seventh out of nine "innings")
Dominant Investment Style (active vs. passive)	Passive (index-based)

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.

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

RAR Rank	Stock Market Segments	1-Mo. Return	9/30/17 RAR	Bond Market Segments	1-Mo. Return	9/30/17 RAR
1	Foreign Value	+2.0%	+19%	High Yield	+0.8%	+6%
2	Large Growth	+1.0%	+18%	Intermediate Corporate	-0.5%	+1%
3	S&P 500	+2.1%	+18%	Short-Term Corporate	-0.2%	+1%
4	Mid-Cap Growth	+1.7%	+13%	Long Corporate	-0.4%	+1%
5	Large Value	+3.0%	+12%	Short Government	-0.2%	-0%
6	Small Growth	+3.8%	+10%	Total Bond Index	-0.5%	-1%
7	Foreign Growth	+1.8%	+10%	Worldwide Bond	-0.5%	-1%
8	Mid-Cap Value	+2.7%	+10%	Intermediate Government	-0.8%	-2%
9	Small Value	+4.9%	+7%	Long Government	-2.3%	-2%

LONG-TERM PERFORMANCE THROUGH 9/30/2017

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 **+248%** (7.7% annualized) vs. a cumulative return of **+161%** (5.9% 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 **+204%** (6.9% annualized) vs. a **+151%** return (5.7% 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.

* Total return numbers for the Radius 100 portfolio reflect the (unaudited) performance of actual portfolios that have been invested since 1/1/2001.

^a Performance numbers for the Index 100 prior to 7/30/2014 and Balanced Risk 75 prior to 3/30/2015 are **back-tested** and do not represent the actual performance of portfolios managed by Radius.

Long-Term Performance (net of fees) to 9/30/2017 for S&P 500, Bond Index, Radius 100, 60, & 20 Portfolios Index 100^a, and Balanced Risk^a 75 & 50 Portfolios

	S&P 500	Bond Index	Index 100 ¹	Radius 100	Balanced Risk 75 ¹	Radius 60	Balanced Risk 50 ¹	Radius 20
Inception Date			Jul. 2014	Jan. 2001	March 2015	Jan. 2001	March 2015	Nov. 2003
% in Stock Funds	100	-	100	100	46	60	31	20
% in Bond Funds	-	100	-	-	88	40	58	80
% in Commodities	-	-	-	-	11	-	7	-
% in Real Estate	-	-	-	-	6	-	4	-
Net Cumulative Returns								
2017 YTD	14%	3%	10%	11%	8%	7%	6%	3%
1-Year	18%	0%	16%	14%	4%	8%	3%	1%
3-Year	36%	8%	27%	21%	16%	14%	12%	7%
5-Year	93%	10%	82%	56%	32%	35%	22%	16%
10-year	103%	50%	91%	37%	169%	45%	93%	42%
Since 1/1/2001	161%	111%	272%	248%	601%	204%	261%	141%
Net Annualized Returns								
3-Year	11%	3%	8%	7%	5%	4%	4%	2%
5-Year	14%	2%	13%	9%	6%	6%	4%	3%
10-year	7%	4%	7%	3%	10%	4%	7%	4%
Since 1/1/2001	6%	5%	8%	8%	12%	7%	8%	5%
Risk Measures								
Beta	1.00	-0.02	0.92	1.00	0.50	0.62	0.34	0.20
Max Drawdown	-51%	-4%	-49%	-57%	-24%	-38%	-17%	-13%
Std. Deviation	14%	4%	14%	16%	12%	10%	8%	5%
Correlation to S&P	1.00	-0.10	0.93	0.88	0.61	0.85	0.62	0.62

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

Footnotes:

^a Returns for the Index portfolio prior to 7/30/2014 and Balanced Risk 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 September 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 75 portfolio invests part of its 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.
- Data Sources: Account statements, Vanguard.com

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** (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 lagged the rest of the market 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.

>> Note: This newsletter is also available online at www.radius-capital.com/blog. <<

Regards,

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