



**STERLING**  
CAPITAL

## INTERMEDIATE G/C SMA | 03.31.2019

*Delivering Institutional Quality Bond Management to the Mainstream Investor*

### Sterling Capital

- Over \$52 Billion in Total Firm Assets
- Specialize in Fixed Income Management
- Strong Partnership with BB&T

### Philosophy

- Multi-faceted Process Adds Value
- Conservative Approach to Fixed Income Management
- Bond Market Inefficiencies Offer Opportunities for Selective Investors
- Fundamental Research Drives Security Selection

### Process

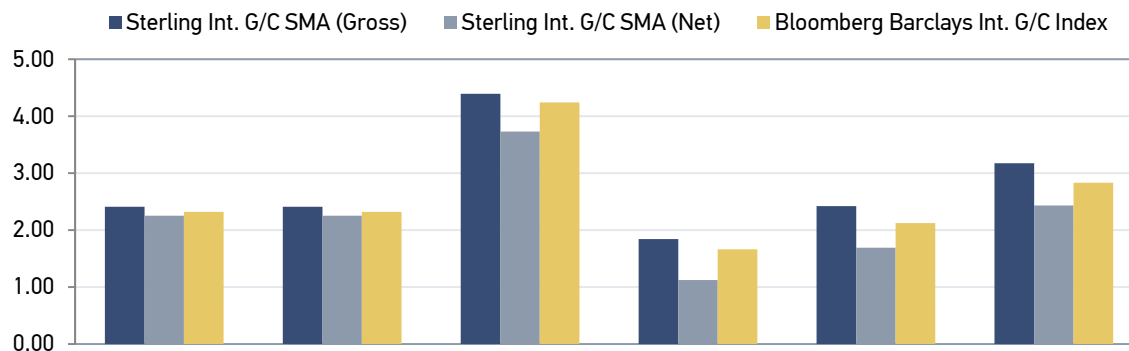
#### Top Down

- Duration Management
- Yield Curve Analysis
- Sector Analysis

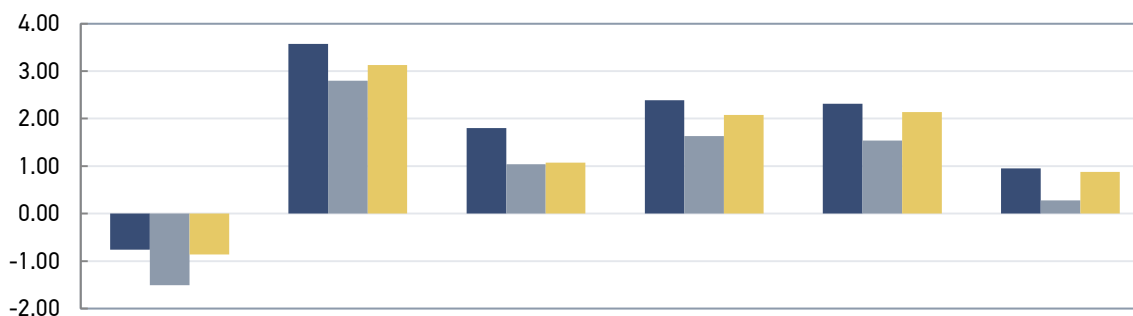
#### Bottom Up

- Proprietary Analysis
- Fundamental Research
- Security Selection

### All Performance: As of 03.31.2019



Performance	QTR	YTD	1 Year	3 Years	5 Years	Since Inception*
Sterling (Gross)	2.41%	2.41%	4.39%	1.84%	2.42%	3.17%
Sterling (Net)	2.25%	2.25%	3.73%	1.12%	1.69%	2.43%
Index	2.32%	2.32%	4.24%	1.66%	2.12%	2.83%



Year-End Returns	2013	2014	2015	2016	2017	2018
Sterling (Gross)	-0.76%	3.57%	1.80%	2.39%	2.31%	0.95%
Sterling (Net)	-1.51%	2.80%	1.04%	1.63%	1.54%	0.28%
Index	-0.86%	3.13%	1.07%	2.08%	2.14%	0.88%

\*Inception date is 12.31.2009. Source: APX, Bloomberg Barclays. Please see attached composite disclosure. Net of fees performance returns are presented net of the investment management fees, trading expenses, custody and other administrative fees. Gross of fees performance returns are presented before investment management fees and custodial fees but after all trading expenses; a client's return will be reduced by the management fees and other expenses it may incur. Investment management fees are described in Sterling's Form ADV 2A. Performance reflects the reinvestment of interest income and dividends and realized capital gains. The performance presented represents past performance and is no guarantee of future results. Performance is compared to an index, however, the volatility of an index varies greatly and investments cannot be made directly in an index. Performance for periods over one year is annualized. Market conditions vary from year to year and can result in a decline in market value due to material market or economic conditions.



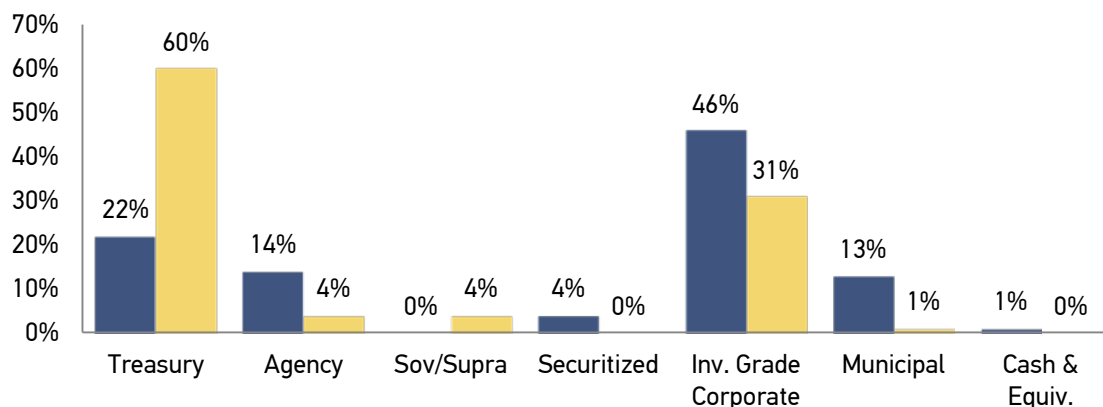
### Portfolio Characteristics

	Sterling	Index
Effective Duration	3.95 years	3.90 years
Average Quality	A+	AA-
Average Life	4.34 years	4.33 years
Average Coupon	2.95%	2.70%
Yield to Maturity	2.80%	2.63%

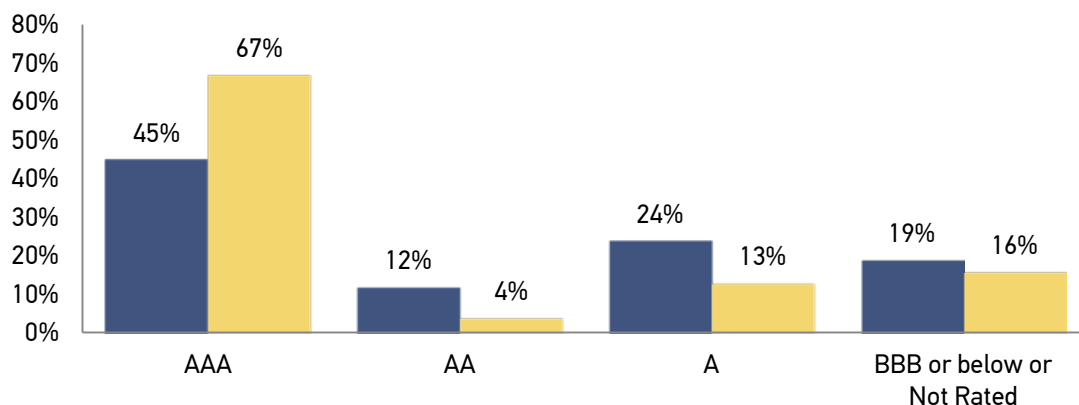
### Duration Composition

	Sterling	Index
0-2 Year	26%	22%
2-4 Years	31%	34%
4-6 Years	20%	25%
6-8 Years	20%	17%
8+ Years	3%	2%
<b>Total</b>	<b>100%</b>	<b>100%</b>

### Sector Composition



### Credit Quality



■ Sterling Intermediate G/C SMA

■ Bloomberg Barclays Intermediate US G/C Index

# Sterling Capital Management – Intermediate Government /Credit SMA Composite

January 1, 2010 - December 31, 2017

Description: Consists of all bundled fee-paying, discretionary SMA fixed income accounts that are measured against the Bloomberg Barclays Intermediate US Government/Credit or similar index.

	Total Return	Total Return	No. of	Total Assets	Percent of	Total		Bloomberg	Composite	Benchmark
	Gross of Fees	Net of Fees	Portfolios	End of Period	Firm Assets	Firm Assets	Composite	Barclays	3-yr St Dev	3-yr St Dev
Year				(\$MM)		(\$MM)	Dispersion (%)	Int G/C	(%)	(%)
2017	2.31	1.54	2	267	0.5	55,908	not meaningful	2.14	1.99	2.11
2016	2.39	1.63	2	247	0.5	51,603	not meaningful	2.08	2.13	2.23
2015	1.80	1.04	2	207	0.4	51,155	not meaningful	1.07	2.19	2.10
2014	3.57	2.80	1	185	0.4	47,540	not meaningful	3.13	2.21	1.94
2013	-0.76	-1.51	1	144	0.3	45,638	not meaningful	-0.86	2.48	2.11
2012	5.63	4.84	1	149	0.4	38,676	not meaningful	3.89	2.24	2.16
2011	4.82	4.04	1	147	0.4	34,131	not meaningful	5.8	N/A	N/A
2010	6.36	5.56	1	36	0.1	32,736	not meaningful	5.89	N/A	N/A
Annualized Since Inception	3.24	2.47						2.87		

**Sterling Capital Management LLC claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Sterling Capital Management LLC has been independently verified for the periods 01/01/01 to 12/31/16. The verification report(s) is/are available upon request. Verification assesses whether (1) the firm has complied with all the composite construction requirements of the GIPS standards on a firm-wide basis and (2) the firm's policies and procedures are designed to calculate and present performance in compliance with the GIPS standards. Verification does not ensure the accuracy of any specific composite presentation.**

## Notes:

1. Sterling Capital Management LLC (SCM) is a registered investment advisor with the SEC. Registration does not imply a certain level of skill or training. Sterling manages a variety of equity, fixed income and balanced assets. Prior to January 2001, Sterling was a wholly owned subsidiary of United Asset Management (UAM). In January 2001, Sterling Capital Management LLC purchased all the assets and business of Sterling Capital Management Company from UAM to become an employee owned firm. There were no changes in personnel. In April 2005, BB&T Corporation purchased a majority equity ownership stake in Sterling Capital Management LLC. There were no changes in personnel. In October 2010, the management group of Sterling Capital entered into an agreement with BB&T Corporation that reduced and restructured management's interest in Sterling Capital Management. Additionally, BB&T Asset Management merged into Sterling Capital Management. There were no material changes in personnel. In January 2013, CHOICE Asset Management merged into Sterling Capital Management. There were no changes in personnel. In August 2015, 8 new employees joined Sterling Capital Management via Stratton Management Company following the close of BB&T's purchase of Susquehanna Bancshares. There were no changes to personnel.
2. Inception date of composite: January 1, 2010. Creation Date: April 1, 2010. The appropriate benchmark for this composite is the Bloomberg Barclays Intermediate US Government/Credit Bond Index. This index includes fixed rate debt issues rated investment grade or higher by Moody's, S&P, or Fitch, in that order. All issues have at least one year to maturity and an outstanding par value of at least \$100 million for US Govt. issues and \$50 million for all others. This index includes only the government, corporate, and Yankee issues with a remaining term to maturity of 1 to 9.99 years. Total return includes price appreciation/depreciation and income as a percent of the original investment. From January 1, 2010 to December 31, 2013, the minimum initial portfolio size for inclusion in the composite is \$1,000,000. Beginning January 1, 2014, the minimal initial portfolio size was removed. Until 12/31/13, portfolios were excluded from the composite when the asset value falls below the minimum for a period of 3 consecutive months. A complete list of all of SCM's composites and their descriptions is available upon request. Policies for valuing portfolios, calculating performance and preparing compliant presentations are available upon request.
3. Performance reflects reinvested interest income and dividends and realized and unrealized capital gains and losses. All portfolios are valued monthly as of calendar month-end and utilize trade-date and accrued income accounting. Valuations and performance are reported in US dollars. Portfolio returns are based on the aggregate method and are calculated monthly using the Modified Dietz method. Portfolios in one platform are revalued for cash flows greater than 5% while the other platform revalues portfolios for cash flows greater than 10%. Periodic time weighted returns are geometrically linked. Composite returns are calculated monthly by weighting the aggregate SMA/Wrap sponsor returns using beginning of period market values. Periodic time weighted returns are geometrically linked. Returns are not calculated net of non-reclaimable withholding taxes due to immaterial dollar amounts.
4. Gross of fees performance returns are presented before management and custodian fees but after all trading expenses. The net of fee return reflects the actual SMA fee of the individual portfolios in one platform while the other platform deducts the highest applicable SMA fee (0.75% on an annual basis) from the gross return. The SMA fee includes all charges for trading costs, portfolio management, custody and other administrative fees.
5. The annual composite dispersion is measured by an equal weighted standard deviation calculation method. It is not meaningful when there have been less than six portfolios in composite for entire calendar year. The three year annualized standard deviation measures the variability of the composite and benchmark returns over the preceding 36-month period. It is not required to be presented for annual periods prior to 2011 or when a full three years of composite performance is not yet available.
6. The performance presented represents past performance and is no guarantee of future results. Fixed income conditions vary from year to year and can result in a decline in market value due to material market or economic conditions.