

### Model Performance (Net — as of 12/31/2023)

	QTR	YTD	1YR	3YR	5YR	Since Inception*
VGA Global Fixed Income - Qualified	4.32	4.51	4.51	-2.90	0.46	0.68
Benchmark - Qualified	6.82	5.53	5.53	-3.32	0.88	1.24
VGA Global Fixed Income - Taxable	4.36	4.05	4.05	-0.64	1.44	1.21
Benchmark - Taxable	7.89	6.40	6.40	-0.40	2.15	2.39
Morningsar US SA Intermediate Core Bond	6.24	5.95	5.95	-2.38	1.69	1.85

\*Inception Date: 8/1/2015.

Returns greater than one year are annualized. See disclosures for Benchmark details.

### Strategy Summary



### Key Statistics (Since Inception\*)

	VGA Global Fixed Income - Qualified	VGA Global Fixed Income - Taxable
Annualized Return (%)	0.68	1.21
Standard Deviation	4.08	3.52
Sharpe Ratio	-0.20	-0.09
Sortino Ratio	-0.26	-0.12
Beta	0.74	0.62
Up Capture Ratio (%)	71.30	59.90
Down Capture Ratio (%)	75.06	64.11
Max Drawdown (%)	-14.78	-8.77

\*Inception Date: 8/1/2015.

Calculation Benchmark: See disclosures for Benchmark details.

### Strategy Overview

Intended for investors with low risk tolerance, the portfolio seeks to provide diversification benefits when added to higher volatility equity allocations.

### Strategy Objective

Seeking capital preservation with limited income generation and growth of principal close to the underlying long-term rate of inflation.

### Strategy Summary

Risk management may be further enhanced through the use of exchange traded funds (ETFs) as well as hedge positions to manage interest rates and credit risk based on macro model input. The strategy is offered in both tax-sensitive and qualified versions.

### Strategy Structure

Fixed income categories may include ETFs, closed-end funds (CEFs), and mutual funds. The individual category weights have been determined by an optimization process seeking to maximize risk-adjusted returns across a range of historic market backdrops.

### STRATEGY INFORMATION

**Inception:** August 1, 2015

**Category:** Intermediate Core Bond



### For More Information

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### Monthly Returns (Net)

#### Qualified

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<b>2023</b>	3.13	-2.39	1.44	0.57	-0.82	-0.08	0.29	-0.19	-1.67	-0.57	2.43	2.42	4.51
<b>2022</b>	-1.55	-0.99	-2.14	-2.94	0.86	-1.89	2.74	-3.00	-4.10	-1.02	3.62	-0.78	-11.05
<b>2021</b>	-0.50	-1.18	-0.57	0.58	0.07	0.38	0.71	-0.04	-0.67	-0.04	-0.35	-0.01	-1.64
<b>2020</b>	1.04	0.87	-1.37	0.91	0.83	0.47	1.09	-0.35	-0.18	-0.24	0.91	0.30	4.33
<b>2019</b>	1.33	-0.01	1.54	0.07	1.02	1.46	0.01	1.12	-0.21	0.24	-0.04	0.38	7.11
<b>2018</b>	-0.50	-0.47	0.01	-0.31	0.12	-0.23	0.34	0.36	-0.24	-1.24	0.19	1.26	-0.75
<b>2017</b>	0.27	0.48	-0.13	0.43	0.23	-0.27	0.52	0.22	0.01	0.01	-0.33	0.10	1.56
<b>2016</b>	0.36	0.74	1.50	0.51	-0.08	1.53	0.46	0.08	0.13	-0.67	-1.98	0.32	2.88
<b>2015</b>	—	—	—	—	—	—	—	-0.54	-0.04	0.83	-0.25	-0.70	—

#### Taxable

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<b>2023</b>	2.06	-1.95	1.56	0.08	-0.40	0.34	0.26	-0.53	-1.64	-0.87	2.58	2.63	4.05
<b>2022</b>	-1.61	-0.47	-1.74	-1.59	0.99	-0.93	2.04	-2.13	-2.61	-0.59	3.48	-0.31	-5.51
<b>2021</b>	-0.06	-1.13	0.11	0.54	0.19	0.16	0.38	-0.12	-0.30	-0.06	0.07	0.02	-0.22
<b>2020</b>	1.23	0.35	-2.74	-0.24	0.86	0.97	1.23	-0.38	-0.01	-0.38	1.28	0.54	2.68
<b>2019</b>	0.95	0.28	1.23	0.26	1.03	0.94	0.43	0.97	-0.54	0.16	0.15	0.51	6.54
<b>2018</b>	-0.36	-0.28	0.03	-0.32	0.44	-0.02	0.25	0.09	-0.35	-0.76	0.15	0.86	-0.30
<b>2017</b>	0.28	0.43	-0.04	0.33	0.49	-0.30	0.48	0.22	-0.06	-0.01	-0.44	0.25	1.64
<b>2016</b>	0.66	0.34	0.58	0.46	0.03	1.43	0.22	0.03	-0.28	-0.72	-2.70	0.80	0.78
<b>2015</b>	—	—	—	—	—	—	—	-0.24	0.45	0.37	0.08	0.16	—

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### Benchmark Details

Benchmark - Qualified is a blend of the asset classes utilized by the VGA Global Fixed Income - Qualified strategy. The specific index used in calculating the neutral benchmark includes; Bloomberg U.S. Aggregate Bond Index (100%).

Benchmark - Taxable is a blend of the asset classes utilized by the VGA Global Fixed Income - Qualified strategy. The specific index used in calculating the neutral benchmark includes; Bloomberg Municipal Bond Index (100%).

**Date of benchmark change:** October 1st, 2017

**Description of change:** The benchmark shown, "Global Fixed Income Neutral Benchmark - Taxable", is a blend of the asset classes utilized by the VGA Global Fixed Income - Taxable (net) strategy. The specific indices used in calculating the neutral benchmark include; Bloomberg Barclays Municipal Bond Index (100%). The benchmarks previously utilized for comparison to the strategy consisted of the following; Bloomberg Barclays U.S. Aggregate Bond Index (100%).

**Reason for change:** The modification of the benchmark was done to better reflect the asset classes utilized in the strategy.

Morningstar US SA Intermediate Core Bond: Intermediate-term core bond portfolios invest primarily in investment-grade U.S. fixed-income issues including government, corporate, and securitized debt, and hold less than 5% in below-investment-grade exposures. Their durations (a measure of interest-rate sensitivity) typically range between 75% and 125% of the three-year average of the effective duration of the Morningstar Core Bond Index.

### Definitions

**Standard Deviation:** statistical measure of volatility used as an indicator of the 'risk' associated with a return series. Standard deviation of return measures the average deviations of a return series from its mean.

**Information Ratio:** measure of the consistency of excess returns, the information ratio of a manager series vs. a benchmark series is the quotient of the annualized excess return and the annualized standard deviation of excess return.

**Significance Level:** significance level of a manager series vs. a benchmark series indicates the level of confidence with which the statement " the manager's annualized excess return over the benchmark is positive" or " the manager's annualized excess return over the benchmark is negative," as the case may be, holds true. A manager with consistent under- or over-performance compared to its benchmark over a long period of time would have a high significance level.

**Explained Variance:** any variance in the difference between manager and style benchmark represents a failure of the style benchmark variance to explain the manager variance. Hence, the quotient of variance of excess return over variance of manager represents the unexplained variance. The variance explained is 1 minus the unexplained variance.

**Beta:** represents the systematic risk of a portfolio and measures its sensitivity to a benchmark. A portfolio with a beta of one is considered to be as risky as the benchmark and would therefore provide expected returns equal to those of the market benchmark during both up and down periods.

**Alpha:** measure of risk (beta)-adjusted return. Alpha measures the difference between a portfolio's actual returns and what it might be expected to deliver based on its level of risk.

**R-Squared:** provides a measure of how closely two portfolios track each other. Specifically, the R-squared of a manager versus a benchmark is a measure of how closely related the variance of the manager returns are with the variance of the benchmark returns. The higher the R-squared, the more appropriate the benchmark.

**Sharpe Ratio:** measure of reward per unit of risk, where standard deviation represents risk. The higher the Sharpe ratio, the better.

**Up Capture / Down Capture:** measures how well a manager was able to replicate or improve on phases of positive benchmark returns and how badly the manager was affected by phases of negative benchmark returns.

**Sortino Ratio:** analog to the Sharpe ratio, with the standard deviation replaced by the downside deviation.

**Max drawdown length:** number of months used in the sub-period to calculate the maximum drawdown.

**Max drawdown recovery length:** number of periods it takes to reach the recovery level from maximum drawdown end date.

**Max Drawdown:** maximum loss (compounded, not annualized) that the manager incurred during any sub-period of the entire time period. Conceptually, this is the biggest " peak to trough" loss.

**Gain to loss ratio:** ratio of the average monthly gain in an up period to the average monthly loss in a down period.

**Pain Index:** represents the frequency, the depth, and the width of the manager's drawdowns. The pain index is an attempt to capture in one single number as much of the information that is contained in the drawdown graph as possible. The lower the pain index, the better.

**Pain Ratio:** The pain ratio is a risk-return ratio which uses the pain index as the measure of risk. The higher the pain ratio, the better.