

GIPS® Compliant Presentation Limited Term Income Composite

January 1, 2009 through December 31, 2018

Period	Composite Returns		Index Returns	3-Yr Annualized Standard Deviation*		Dispersion	As of December 31		
	Gross	Net	Bloomberg Barclays Int. U.S. Govt/Credit Bond Index	Composite	Bloomberg Barclays Int. U.S. Govt/Credit Bond Index	Internal Equal Wtd.	Number of Accounts	Composite Assets (MM)	Total Firm Assets (MM)
2018	1.72%	1.38%	0.88%	1.30%	2.09%	N/M	5	5,262	40,510
2017	3.22%	2.89%	2.14%	1.32%	2.11%	N/M	6	5,098	48,784
2016	3.99%	3.63%	2.08%	1.55%	2.22%	N/M	5	4,813	48,937
2015	1.34%	0.98%	1.07%	1.95%	2.10%	N/M	5	3,951	54,809
2014	4.28%	3.89%	3.13%	2.07%	1.94%	N/M	4	3,453	64,492
2013	0.77%	0.39%	-0.86%	2.20%	2.11%	N/M	4	2,977	94,303
2012	8.41%	7.95%	3.89%	1.98%	2.16%	N/M	4	3,039	83,646
2011	6.05%	5.56%	5.80%	2.92%	2.55%	0.57%	11	1,787	73,213
2010	7.22%	6.23%	5.89%			0.57%	14	1,142	73,389
2009	15.86%	14.85%	5.24%			3.12%	14	685	52,728

* 3-Yr annualized standard deviation is not required for annual periods prior to 2011.

N/M - Not meaningful. A statistical measure of internal dispersion for composites with five or fewer accounts (included for the entire year) is not considered meaningful.

1. Thornburg Investment Management, Inc. claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Thornburg Investment Management, Inc. has been independently verified for the period July 1, 1998 through December 31, 2018. The verification reports 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.
2. Thornburg Investment Management, Inc. (the "Firm") is an independent investment adviser registered under the Investment Advisers Act of 1940. Registration does not imply a certain level of skill or training. The Firm's clientele consists of mutual funds, commingled funds and taxable and non-taxable separately managed accounts in U.S., non-U.S. and global equity strategies and in U.S. fixed income strategies. Policies for valuing portfolios, calculating performance, and preparing compliant presentations are available upon request.
3. Valuations are computed and performance is reported in United States dollars.
4. The three-year annualized ex-post standard deviation measures the variability of the composite and the benchmark returns over the preceding 36-month period. Internal dispersion is calculated using the equal-weighted standard deviation of annual gross returns of those accounts included in the composite for the entire year.
5. The performance data quoted represents past performance; it does not guarantee future results. Returns will fluctuate and current performance may be either lower or higher than data shown.
6. The Limited Term Income Composite includes all non-wrap discretionary accounts invested in the Limited Term Income Strategy. The strategy seeks to provide the highest level of income as is consistent, in the view of Thornburg, with preservation of principal. A secondary objective of the strategy is to reduce expected fluctuations in the portfolio's value compared to longer intermediate and long-term portfolios. The strategy is a laddered portfolio of short/intermediate investment grade obligations with an average maturity of less than five years. Laddering involves building a portfolio of bonds with staggered maturities so that a portion of the portfolio matures each year; cash from maturing bonds is typically invested in bonds with longer maturities at the far end of the ladder. The portfolio is invested in securities rated at the time of investment in the four highest categories of ratings services such as S&P, Moody's, or Fitch, or in unrated securities judged by Thornburg to be comparable to securities rated in the four highest ratings categories.
7. The benchmark for the composite is the Bloomberg Barclays Intermediate U.S. Government/Credit Bond Index. The Bloomberg Barclays Intermediate U.S. Government/Credit Bond Index is an unmanaged, market-weighted index generally representative of intermediate government and investment-grade corporate debt securities having maturities from one up to ten years. The performance of any index is not indicative of the performance of any particular investment. Unless otherwise noted, index returns reflect the reinvestment of income dividends and capital gains, if any, but do not reflect fees, brokerage commissions or other expenses of investing. Benchmark returns are not covered by the report of independent verifiers.
8. Portfolio construction will have significant differences from that of a benchmark index in terms of security holdings, industry weightings, asset allocations and number of positions held, all of which may contribute to performance, characteristics and volatility differences. Investors may not make direct investments into any index.

9. Returns reflect the reinvestment of income and capital gains. Net returns shown are net of actual investment advisory fees. Prior to January 1, 2011 the net returns for some accounts in the composite reflect the deduction of management fees and other administrative expenses. The standard fee schedule currently in effect is: 0.35% on the first \$50 million, 0.30% over \$50 million. Fees may be negotiated in lieu of the standard fee schedule.
10. Dispersion in 2009 was significantly higher than other years due to the increased market volatility and pricing variability experienced as a result of the credit and liquidity issues during the year.
11. Effective March 1, 2012 the minimum account size for inclusion in the composite is \$5 million. Prior to this date, the composite did not have a minimum account size requirement.
12. The Limited Term Income Composite has been examined for the period from January 1, 2011 through December 31, 2018. The examination reports are available upon request.
13. This composite was created in January 2001. A list of composite descriptions is available upon request.