

CanterburyConsulting

Quarterly Asset Class Report

Tax Exempt Fixed Income

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September 30, 2016

Role in the Portfolio

Canterbury Consulting recommends and communicates asset-class strategy with the objective of constructing a diversified portfolio of fixed income strategies designed to (in aggregate):

- (i) Preserve capital and mitigate volatility
- (ii) Provide measured exposure to the diverse universe of fixed income securities
- (iii) Exhibit returns uncorrelated to equity markets



- Canterbury fixed income portfolios are expected to deliver consistent net of fees excess returns and moderate tracking error versus the Barclays Global Aggregate
- Relative to the index, Canterbury's current fixed income portfolios will exhibit lower duration, similar credit quality, and higher yields

Index Returns

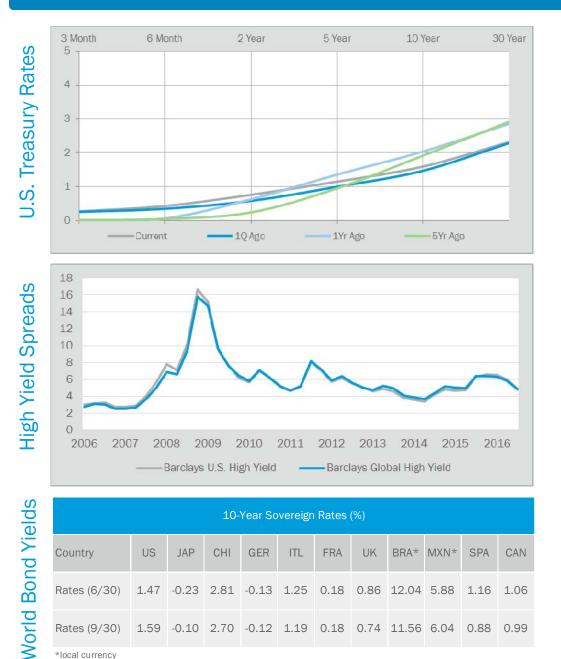
Fixed Income

	QTD	YTD	1 Year	3 Years	5 Years	7 Years	10 Years
Barclays Global Aggregate	0.82	9.85	8.83	2.13	1.73	2.66	4.26
Barclays US Agg Bond	0.46	5.80	5.19	4.02	3.08	4.10	4.79
Canterbury Benchmark ¹	1.02	10.32	9.29	3.22	2.60	3.64	4.90
U.S. Treasurys							
BofAML 3M US Treasury Note	0.09	0.29	0.31	0.14	0.12	0.13	0.93
Barclays Short Treasury	0.09	0.44	0.41	0.22	0.20	0.22	1.10
Barclays Intermediate Treasury	-0.26	3.39	2.50	2.22	1.63	2.65	3.82
Barclays Long Term US Treasury	-0.36	14.71	13.13	11.16	5.48	8.10	8.06
Barclays U.S. Treasury TIPS 0-5Y	0.29	2.98	2.62	0.53	0.67	1.74	2.78
Barclays US Treasury US TIPS	0.96	7.27	6.58	2.40	1.93	4.00	4.48
U.S. Corporate Credit							
Barclays US Corp IG	1.41	9.20	8.56	5.62	5.13	6.02	5.91
S&P/LSTA Leveraged Loan	3.08	7.72	5.46	3.39	5.24	5.51	4.60
BofAML US HY Master II	5.49	15.32	12.82	5.27	8.24	8.62	7.59
BofAML US HY BB-B Constrained	5.00	13.29	12.01	5.60	8.01	8.32	7.20
BofAML US Corporate AAA	0.40	8.30	8.53	5.96	3.50	4.76	4.65
BofAML US Corporate AA	0.55	7.03	6.84	5.12	4.29	4.94	4.90
BofAML US Corporate A	1.00	7.75	7.67	5.43	4.99	5.76	5.23
BofAML US Corps BBB	2.09	11.00	9.75	5.87	5.80	6.84	6.77
BofAML US High Yield BB	4.23	12.45	12.33	6.53	8.27	8.75	7.89
BofAML US High Yield B	6.07	14.53	11.78	4.51	7.69	7.91	6.36
BofAML US High Yield CCC	8.63	28.81	17.88	3.59	9.38	9.33	8.18
Securitized							
Barclays ABS	0.20	2.74	2.16	2.06	1.89	3.07	3.21
Barclays MBS	0.60	3.72	3.61	3.61	2.65	3.49	4.65
Barclays CMBS	0.42	6.02	4.78	3.47	4.35	6.64	5.55
Municipals							
Barclays Municipal	-0.30	4.01	5.58	5.54	4.48	4.58	4.75
Barclays Muni 1-10	-0.11	2.22	2.87	2.89	2.59	3.02	3.79
Global	0.00	44.67	0 = 1	4 = 0	o ==	1.00	
Citi WGBI	0.30	11.07	9.71	1.78	0.77	1.90	4.10
Barclays GbI Agg Ex USD	1.03	13.09	11.67	0.75	0.70	1.64	3.82
JPM EMBI Plus	3.11	15.78	17.83	7.99	7.35	7.66	7.62

(1) 50% Barclays US Agg/40% Barclays Global Agg ex US/10% BofA ML HY Master II



Market Environment



1.59 -0.10 2.70 -0.12 1.19 0.18 0.74 11.56 6.04 0.88

0.99

Fixed Income

- Developed market bond yields stayed ۲ range bound as economic conditions were relatively unchanged during the guarter. The U.S. 10 Year Treasury rate increased by 12 basis points and interest rates in Japan moved slightly higher as well
- Investment grade and high yield spreads continued to tighten as investor demand remained strong. In a rare move, two European companies issued IG debt at negative yield to maturities. CCCrated securities continued to outperform. In aggregate, the CCC universe has returned over 28% YTD
- Emerging market debt held up well as the Fed remained dovish and volatility stayed muted. The rebound in commodity markets continued to support export-oriented emerging markets



Rates (9/30)

*local currency

Portfolio Characteristics

Sector Distribution

	Current Portfolio	Barclays Global Aggregate	Barclays Aggregate
US Treasury	25.9%	18.8%	36.6%
Agency	2.3%	6.1%	2.5%
Local Authority (non-US)	0.5%	12.4%	0.0%
Municipal (US)	1.0%	0.0%	0.0%
Sovereign (non-US)	19.4%	28.8%	0.0%
Supranational	0.3%	0.0%	0.0%
Corporate	17.7%	18.0%	25.4%
Bank Loans	3.8%	0.0%	0.0%
MBS	29.2%	15.7%	27.8%
ABS	2.5%	0.0%	0.5%
CMBS	3.2%	0.0%	1.7%
Other & Cash	-5.8%	0.0%	5.6%

Regional Distribution - Country Allocation

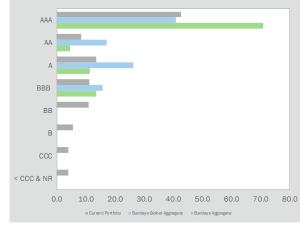
	Current Portfolio	Barclays Global Aggregate	Barclays Aggregate
US	71.1%	38.7%	91.4%
Non-US Developed	15.7%	55.8%	6.8%
Non-US Emerging	13.2%	5.5%	1.8%
Currency Allocation			

	Current Portfolio	Barclays Global Aggregate	Barclays Aggregate
US	88.4%	44.9%	100.0%
Ion-US Developed	-2.8%	52.5%	0.0%
on-US Emerging	14.4%	2.6%	0.0%

Portfolio Characteristics

	Current Portfolio	Barclays Global Aggregate	Barclays Aggregate
Effective Duration	4.06	6.60	5.47
rield to Maturity (%)	3.84	1.77	1.92
Coupon Rate (%)	3.97	2.96	3.23
Average Credit Quality (Barclays)	А	AA	AA
Portfolio Checklist			

Credit Quality Distribution vs. Benchmark



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	Current Portfolio	Barclays Global Aggregate	Barclays Aggregate
Yield ¹	\checkmark	\checkmark	\checkmark
Duration ²		\checkmark	\checkmark
Credit Quality ³		\checkmark	\checkmark
Sector Diversification ⁴	\checkmark	\checkmark	×
Region Diversification ⁵		\checkmark	×

1. The vield-to-maturity ("YTM") should be 80% of the YTM of the benchmark or greater

2. Duration should not exceed the benchmark

3. Average credit quality, using Barclays methodology, should be BBB or higher

4. No sector should exceed 50% of the total allocation and at least half of the sectors should have allocations greater than 2.5%

5. No region (see "Regional Distribution") should exceed 75% of the of the total allocation

Canterbury recommends targeting a portfolio duration less than that of the benchmark (Barclays Global Aggregate) in order to reduce interest rate risk

- Investors can lower portfolio duration (while maintaining yield) by allocating to credit and diversifying globally
- To ensure the fixed income allocation reduces overall portfolio risk and provides diversification, Canterbury seeks to maintain a portfolio that, on average, is investment grade or better
- With low yields in non-U.S. developed fixed income markets, investors should consider maintaining an underweight exposure to the region relative to the Barclays Global Aggregate

The Baseline Portfolio has allocations to the following investment manager types: 45% Core Plus, 30% Global, 10% Credit, and 15% Mortgage-Backed Source of Benchmark Information: Barclays

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Fixed Income