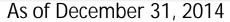
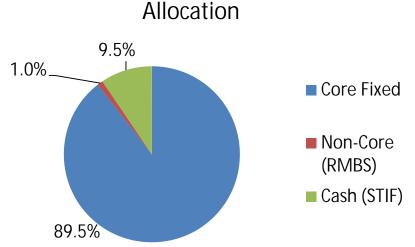
Investment Grade Fixed Income Overview

March 5, 2015

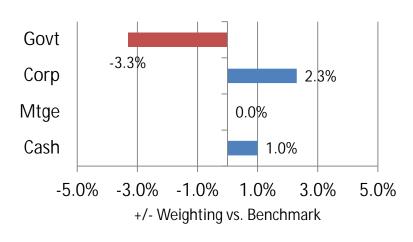


Investment Grade Fixed Income Profile









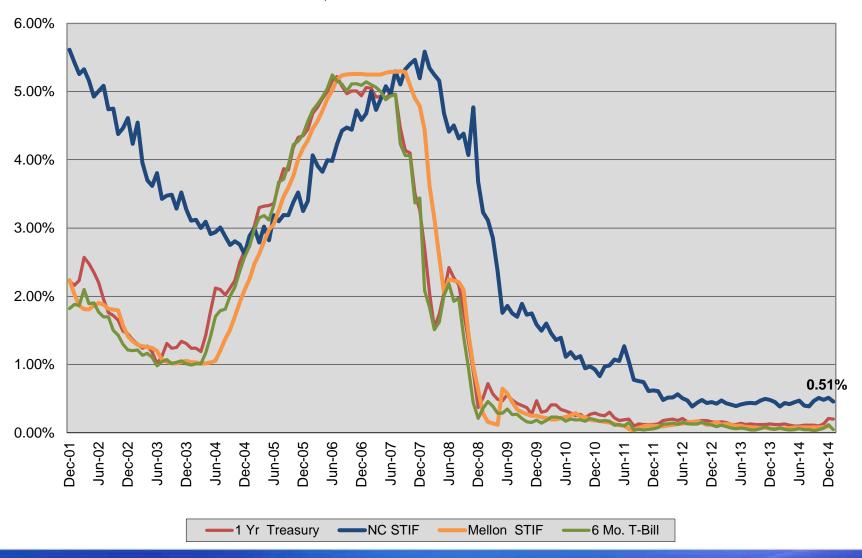


- Near term strategy in core remains focused on an mild overweight to corporate debt and a short relative duration position
- Our defensive fixed income strategy led to underperformance relative to the benchmark as rates experienced a material decline of 85bps on the 10yr and over 120bps on the long end of the curve



Short Term Portfolio (STIF) Rate History

\$14.9 Billion AUM as of 12/31/14



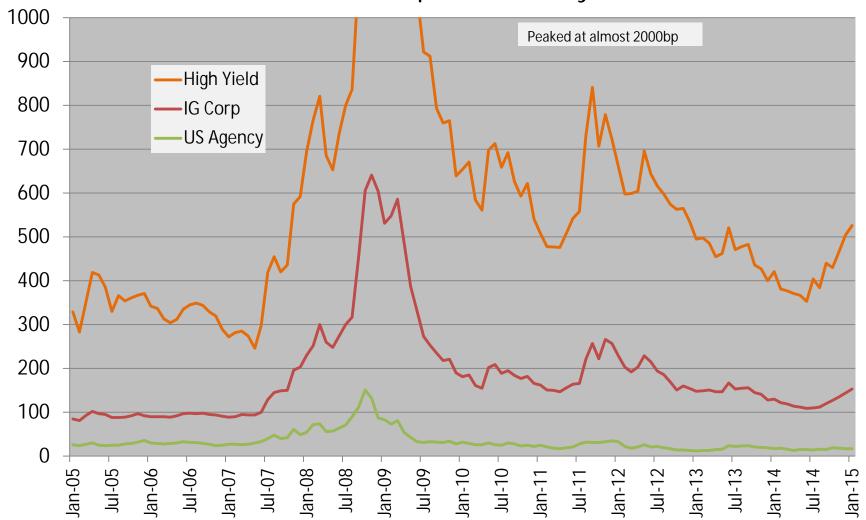
Intermediate and Long Treasury Yields Decline in 2014



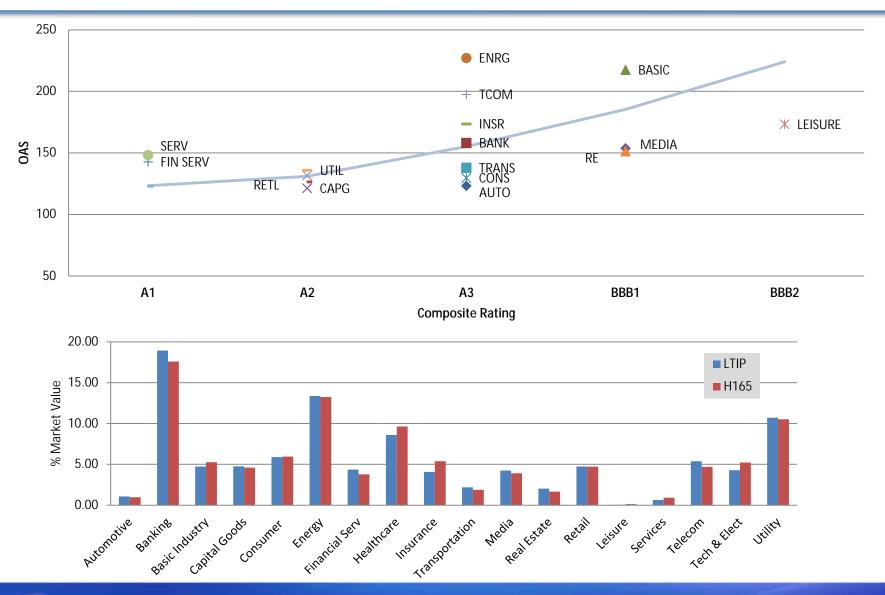


Fixed Income Credit Markets

10 Year Spread History



Corporate Relative Value and LTIP Allocation by Sector





Investment Grade Fixed Income Discussion Items

- Comfort level with short relative duration position?
 - Costs of maintaining position (relative returns)
- Limited conviction on timing/pacing of rate increases
- Hidden Illiquidity in Investment Grade Credit
 - Liquidity is relative (defined by the cost)
- Potential opportunity from future illiquidity
- Name/sector specific M&A risks

FOMC Projections

Economic Projections of Federal Reserve Board Members and Federal Reserve Bank Presidents, December 2014

Advance release of table 1 of the Summary of Economic Projections to be released with the FOMC minutes

Percent

Variable	Central tendency ¹				Range ²					
	2014	2015	2016	2017	Longer run	2014	2015	2016	2017	Longer run
Change in real GDP September projection		2.6 to 3.0 2.6 to 3.0	2.5 to 3.0 2.6 to 2.9	2.3 to 2.5 2.3 to 2.5			2.1 to 3.2 2.1 to 3.2	2.1 to 3.0 2.1 to 3.0		1.8 to 2.7 1.8 to 2.6
Unemployment rate					5.2 to 5.5 5.2 to 5.5	l .	5.0 to 5.5 5.2 to 5.7			
PCE inflation	1.2 to 1.3 1.5 to 1.7			1.8 to 2.0 1.9 to 2.0			1.0 to 2.2 1.5 to 2.4		1.8 to 2.2 1.7 to 2.2	
Core PCE inflation ³ September projection	1.5 to 1.6 1.5 to 1.6	1.5 to 1.8 1.6 to 1.9		1.8 to 2.0 1.9 to 2.0			1.5 to 2.2 1.6 to 2.4	1.6 to 2.1 1.7 to 2.2	1.8 to 2.2 1.8 to 2.2	1



Modest Rate Increases Expected in the Near Term (Again)

Rate	Market Yield	Q1 15	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
United States							
US 30-Year	2.69	2.56	2.79	3.00	3.21	3.43	3.58
US 10-Year	2.07	1.97	2.18	2.41	2.62	2.82	3.01
US 2-Year	0.60	0.65	0.88	1.16	1.43	1.69	1.95
US 3-Month Libor	0.26	0.28	0.42	0.65	0.91	1.21	1.53
Federal Funds Target Rate - Upper Bound	0.25	0.25	0.35	0.60	0.90	1.15	1.50
Federal Funds Target Rate - Lower Bound	0.00	0.00	0.11	0.39	0.67	0.96	1.27
2 Year - 10 Year Spread	1.47	1.32	1.29		1.19	1.14	1.06

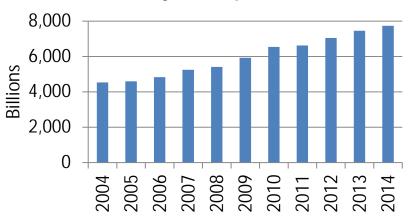
95) Chart Analysts 96) Forecast Histogram			Bond Yield Forecasts: Analysts						
US 10-Year		Q1 15	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16		
Market Yield 2.07	Bloomberg Wgt Avg	1.97	2.18	2.41	2.62	2.82	3.01		
	Implied Forward Yield	2.09	2.15	2.22	2.27	2.33	2.37		
	Median Forecast	2.00	2.20	2.37	2.58	2.73	2.90		
	Average Forecast	2.00	2.21	2.43	2.63	2.83	3.01		
	High Forecast	2.50	2.90	3.50	3.90	4.25	4.60		
Recent Updates	Low Forecast	1.50	1.50	1.80	1.84	1.85	1.70		
A. Rajadhyaksha	Responses	66	66	66	66	56	54		
H. Bandholz	Feb. Survey Median	2.00	2.20	2.39	2.60	2.77	2.90		
T. Costerg	Jan. Survey Median	2.22	2.40	2.66	2.80	2.85	3.03		
R. Carnell	Change in Medians	-0.21	-0.20	-0.27	-0.20	-0.08	-0.13		



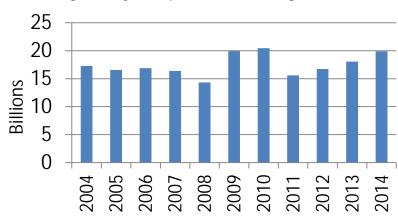
SOURCE: Bloomberg

Market Growth vs. Liquidity



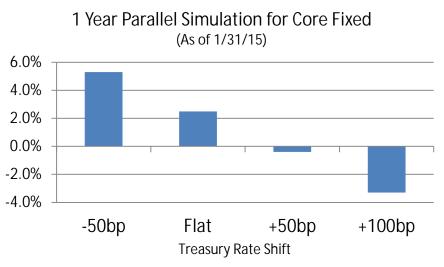


Avg. Daily Corporate Trading Volume

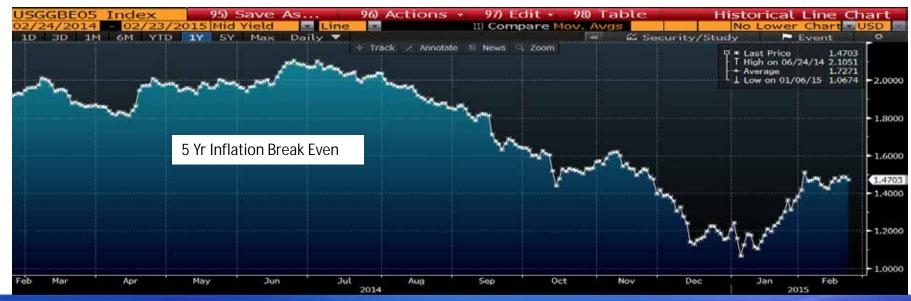


- Increased regulation has resulted in smaller dealer inventories and a shallow market
- Even in a benign market, trade inquiry responses are very limited due to smaller balance sheets
- Liquidity to be defined by the cost (bid/offer spreads)
- Market stress could present opportunities for long term investors to be a liquidity provider

Fixed Income Expectations



- Expectations are for rates to rise modestly during 2015
- Near term inflationary pressures remain modest
- Return expectations over the next five years remain in the 2% to 4% range





Note: The following disclaimer was added on April 17, 2015.

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