



Vermont Pension Investment Committee

Second Quarter 2014 Investment Performance Analysis

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Highlights of Second Quarter Happenings at NEPC

NEPC Research

Recent White Papers Posted

- 2Q Market Thoughts "Is It the Beginning of the End or the End of the Beginning? The Next Chapter for Growth Assets" (April 2014)
- The Endowment Model: Striking the Balance Between Simple & Complex (May 2014) - Scott F. Perry, CAIA, Partner
- Hangover Redux: The Impact of Capital Overhang on Private Equity Investing (May 2014) - Melissa Mendenhall, Consultant, Private Markets Research



NEPC News

 NEPC is pleased to announce the selection of MSCI's BarraOne and HedgePlatform for risk management and reporting. "This broader relationship with MSCI will provide NEPC with leading risk tools for both total plan risk and hedge fund risk. We are particularly excited about the plans to integrate the InvestorForce Reporting platform with BarraOne," noted Dan Kelly, Chief Operating Officer of NEPC.

Professional Staff Updates

New Client Strategy Team

- Provides high level Research and Consulting Services to all practice areas and develops sophisticated client Research. The team offers a centralized senior level resource pool for all clients that require expertise in asset allocation, defined contribution and alternative assets.
- Led by Chris Levell, ASA, CFA, CAIA, Partner focusing on asset allocation.
- Supported by Ross Bremen, CFA, Partner (Defined Contribution) and Sean Gill, CFA, CAIA, Partner (Alternative Assets).

NEPC Supports Principles for Responsible Investment



NEPC is proud to announce that we have become a signatory and partner with Principles for Responsible Investment initiative (PRI). The United Nations-supported Principles for Responsible Investment (PRI) Initiative is an international network of investors working together to put the six Principles for Responsible Investment into practice. Its goal is to understand the implications of sustainability for investors and support signatories to incorporate these issues into their investment decision making and ownership practices. The PRI Initiative has quickly become the leading global network for investors to publicly demonstrate their commitment to responsible investment, to collaborate and learn with their peers about the financial and investment implications of ESG issues, and to incorporate these factors into their investment decision making and ownership practices. For more information on PRI, please visit http://www.unpri.org/.





- Volatility for nearly all asset classes remains historically low as major asset class returns pushed higher during the quarter
- A revision of first quarter US GDP growth to -2.9% was mostly shrugged off by markets that have assumed a strong rebound for the second quarter
- Investors continue to digest the Fed's planned tapering of bond purchases and viewed Fed policy statements as relatively dovish
- The ECB's move to cut its main lending rate and impose a negative excess deposit rate for banks was met with tepid investor reaction
- Broad fixed income assets continued to rally as appetite for yield pushed high yield spreads to post-crises lows
- Emerging market assets continued their recovery as large investor inflows returned to equity and debt markets
- Instability in Iraq and Ukraine attracted a fair share of global headlines with modest market impact other than a spike in oil prices

Global Equities

- US stocks advanced in the second quarter, repeatedly reaching record highs as investors overlooked Q1 economic weakness, welcomed Q2 economic strength, and embraced stillaccommodative central bank policy.
- Large cap stocks outperformed small cap stocks, with the S&P 500 Index returning +5.2% versus +2.1% for the Russell 2000 Index.
- International equities gained +4.1% in the second quarter, according to the MSCI EAFE Index, underperforming domestic and emerging markets.
- Emerging markets rallied to a 12-month high, with the MSCI Emerging Markets Index returning +6.6% for the quarter. Returns were bolstered by improving conditions in the Ukraine, positive election results in India, and better economic conditions in China.

Global Fixed Income

- Fixed income investments rallied with interest rate and credit assets benefiting from yieldhungry investors and markets digesting relatively dovish monetary policy statements.
- The 10-year Treasury yield fell almost 20 basis points during the quarter, finishing at 2.5%.
- Despite record new supply, investment grade credit posted strong performance, with spreads narrowing 7 basis points to 96 basis points.
- The US Credit Index gained +2.7% and the Long Duration Credit Index returned +5.0% in the second guarter.
- High yield bonds returned +2.4%, aided by the decline in Treasury yields and a tightening of credit spreads.
- Emerging market debt has been a clear winner in the first half of the year following a challenging 2013. Local and external currency debt, as measured by the JP Morgan GBI-EM Index and JP Morgan EMBI+, had a stellar second quarter, returning +4.0% and +5.8%, respectively.



Commodity Markets

- Commodities posted modest gains in the second quarter with the Dow Jones UBS essentially flat while the GSCI returned +2.7%.
- Poor weather conditions in the growing regions, combined with severe cold weather, sparked supply related rallies earlier in the quarter in corn and natural gas before reversing course and trading downward during the second half of the quarter.
- Tensions in the Middle East pushed energy prices higher while record low livestock inventories in the US caused cattle prices to spike.

Hedge Funds

- Hedge Funds gained +1.9% for the second quarter, according to the Credit Suisse Hedge Fund Composite, compared to +5.2% for the S&P 500 and +2.0% for the Barclays Aggregate.
- Most hedge fund strategies were in the black, with the exception of short-biased equity and some relative value strategies, with the Credit Suisse Dedicated Short Biases Index finishing down -2.3% for the quarter. Credit Suisse Convertible Arbitrage and Equity Market Neutral posted losses of -0.1% and -0.3%, respectively.
- The Credit Suisse Global Macro Index was up +1.6% and the Credit Suisse Managed Futures
 Index gained +5.1% as many systematic managers were able to capture trends in the equity
 and bond markets.
- Within sectors, technology and healthcare specialists continue to struggle, finishing flat in the second quarter, although still on positive ground so far this year.

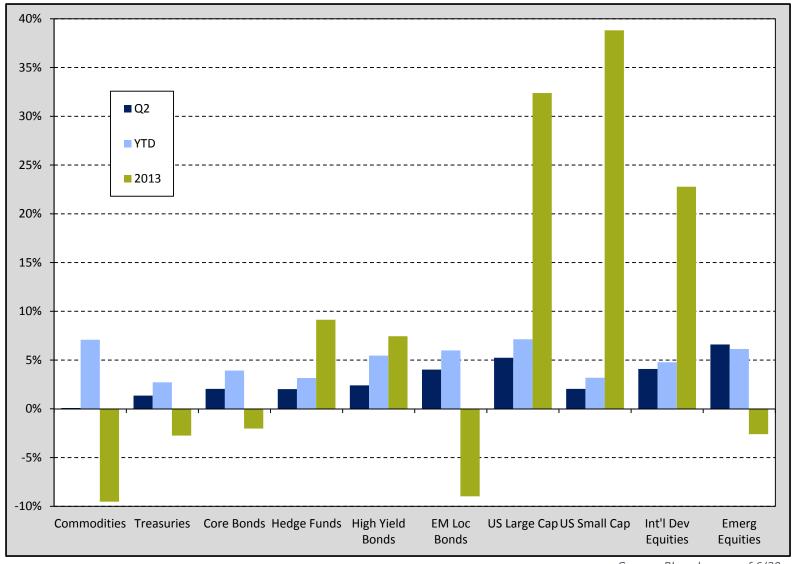
Private Markets

- New private equity commitments totaled \$173.1 billion in the first half of the year, putting 2014 on track to be the fifth straight year of increasing commitments.
- Buyout and growth equity funds raised \$88.5 billion in the first half of 2014, with mega buyout firms accounting for 31% of all buyout/growth funds.
- Venture Capital raised \$27.2 billion, with funds raised in the first half of 2014 nearly matching the 2013 total of \$27.7 billion of new VC funds.
- Mezzanine funds, facing competition from senior and unitranche lenders, raised only \$5.2 billion.
- Secondary funds raised \$14.5 billion, eclipsing the 2013 funding total of \$13.2 billion, as a wave of large funds start to closings.

Real Estate

- NEPC remains neutral on core real estate in the US, positive on non-core real estate strategies such as value-add and opportunistic, and neutral on debt strategies (both in US and Europe).
- The main concerns for US core real estate (and US real estate, broadly) continue to be plentiful capital that is driving up pricing, and the market's expectation for higher future interest rates and their impact on capitalization rates and capital values.

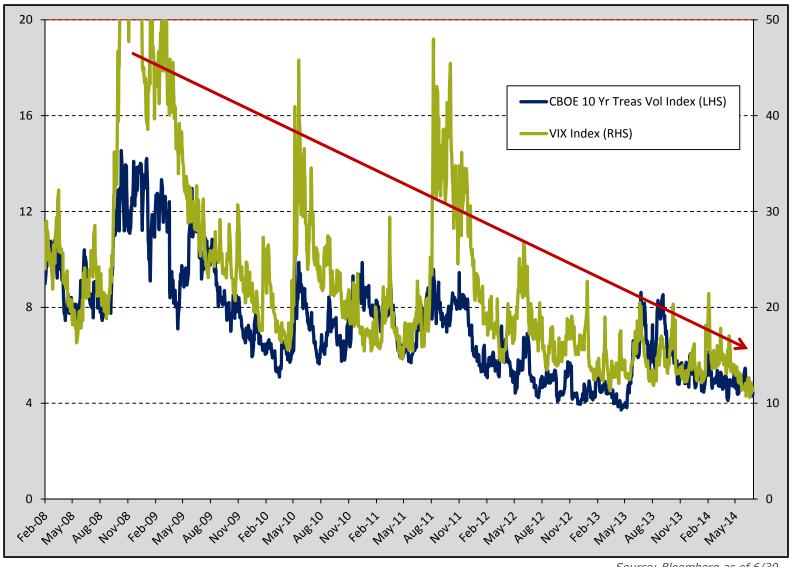
Broad Market Indices are Mostly Positive in 2014



Source: Bloomberg as of 6/30



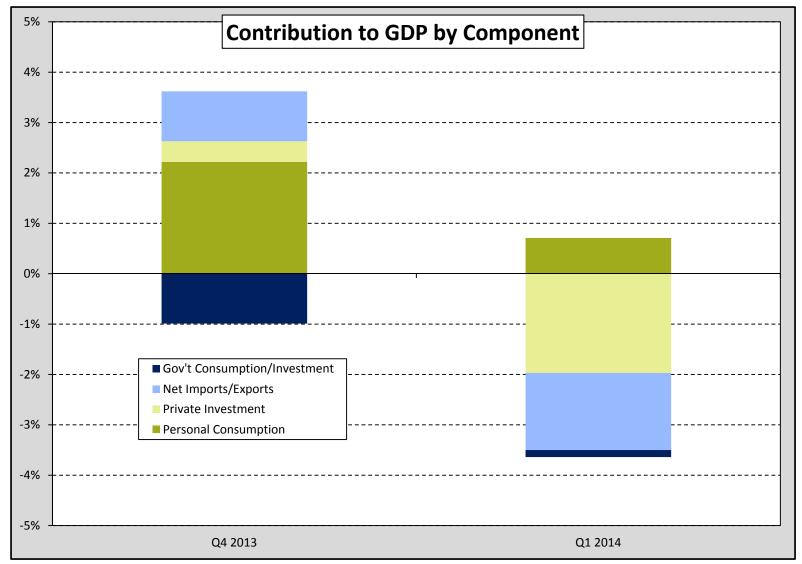
Amid a Backdrop of Persistent Low Volatility







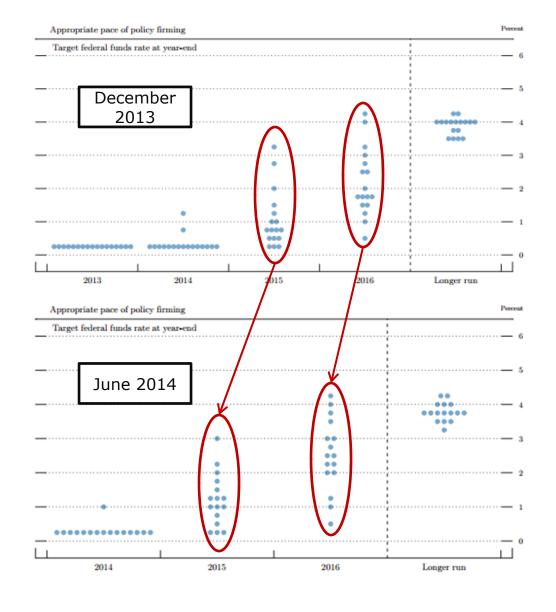
While US Second Quarter GDP Growth was Revised to -2.9%...



Source: Bloomberg as of 6/30



Uncertainty Regarding the Pace of Fed Policy Firming Remains



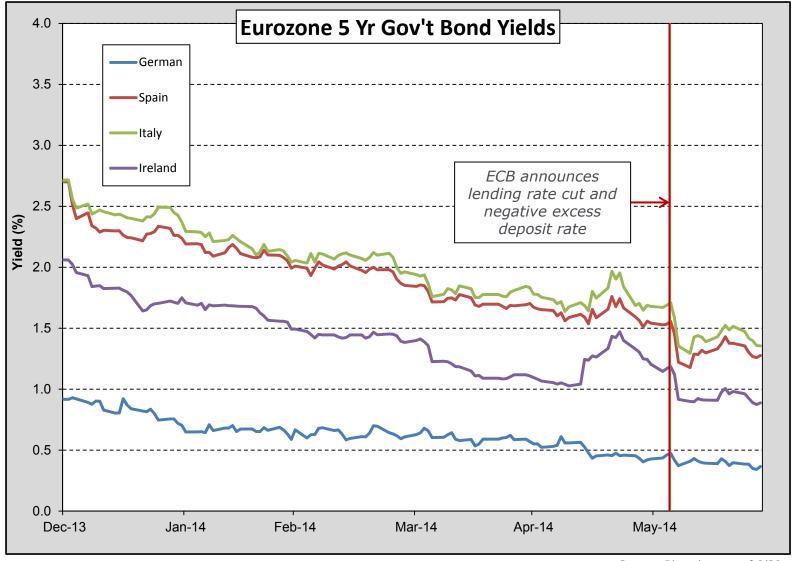
- Fed has delivered relatively unified messages on the pace of taper and thoughts on US economy
- However, significant uncertainty remains on pace of raising the target Fed funds rate
- Though markets expect rates to rise, pace and path are unclear

Each shaded circle represents the value (rounded to the nearest ¼ percentage point) of an individual participant's judgment of the appropriate level of target federal funds rate at the end of the specified year or over the long run

Source: Federal Reserve



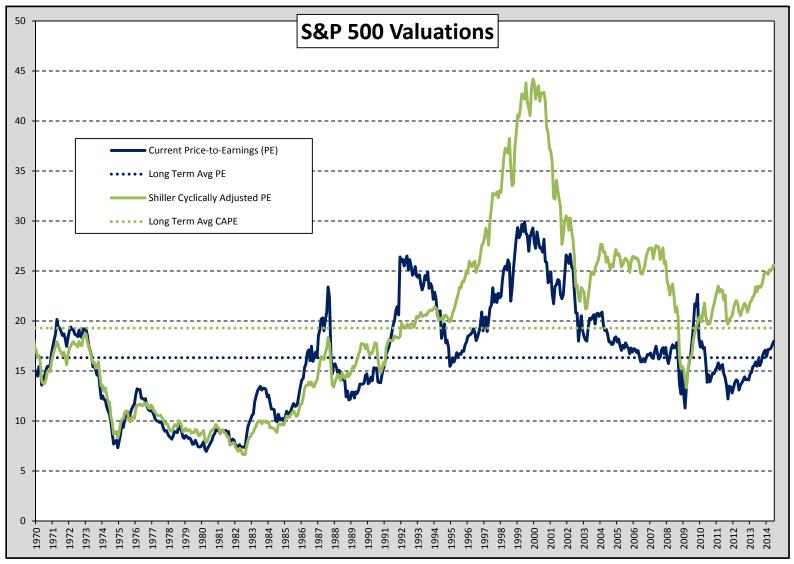
Meanwhile the ECB Has Initiated Stimulatory Measures

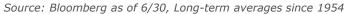






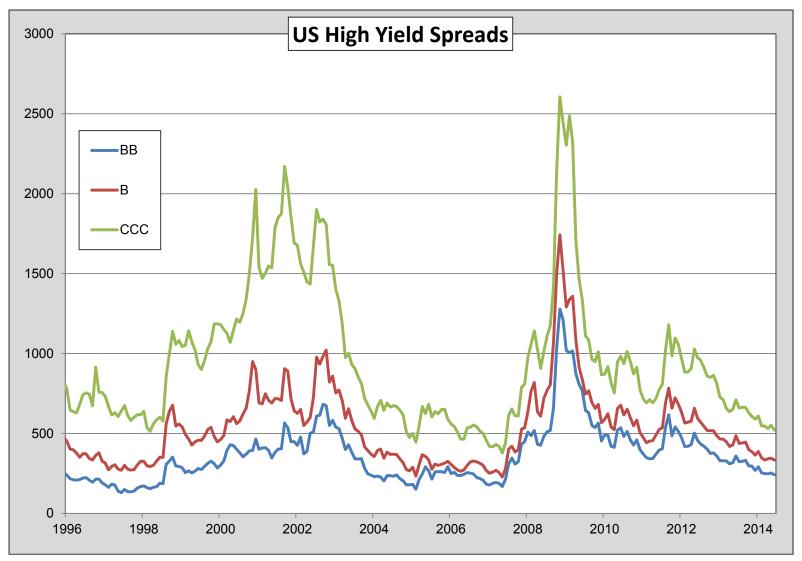
Equity Valuations are Trending above Long-Term Averages







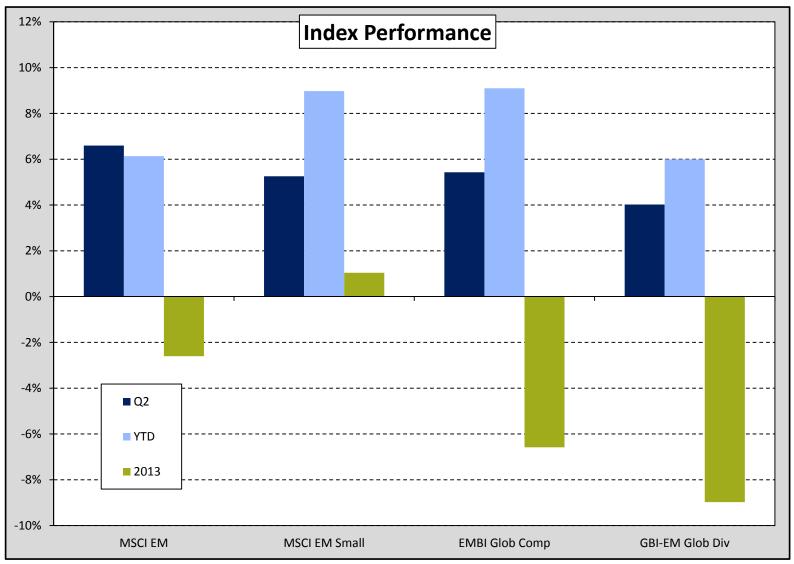
Spreads Have Tightened to Pre-Crises Levels as Investor Demand Persists



Source: Bloomberg as of 6/30



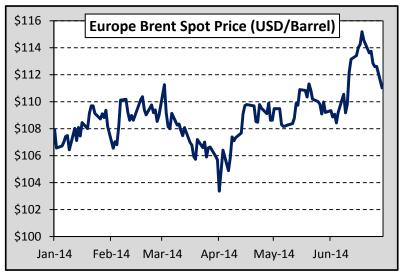
And Emerging Markets Rebounded Off a Lackluster 2013

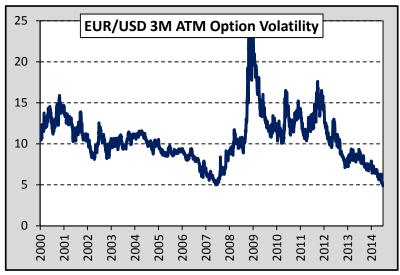


Source: Bloomberg as of 6/30

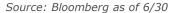


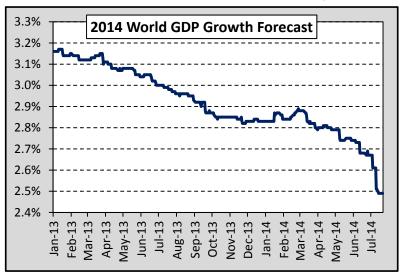
But Significant Macro Uncertainties Loom

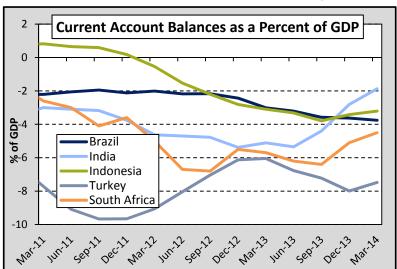




Source: Bloomberg as of 6/30







Source: Bloomberg as of 7/21

Source: Bloomberg as of 3/31



Outlook

Interpreting and understanding the low volatility environment is a key challenge

- Low volatility can persist for long periods as a tailwind to markets but can also lead to complacency as excesses build in capital markets
- Assess portfolio risk exposure and determine reasonable levels of portfolio liquidity and dry powder for future opportunities

Persistent low volatility may obscure underlying economic risks

- Global growth expectations remain subdued and deflation
- EM balance of payment concerns remain as some countries slow the pace of reforms
- China growth softens as credit growth continues to expand
- Geopolitical risks pushing oil prices higher

As taper of QE concludes, potential for increased volatility as markets seek visibility into the Fed's monetary policy for 2015

Valuations across many asset classes appear stretched

- Excluding EM, equity P-E ratios are above long-term averages
- Credit spreads continue to tighten globally from insatiable demand

NEPC themes remain consistent

- Investors would be wise to rebalance to policy targets and maintain portfolio risk balance
- Allocate to emerging markets and private markets for higher returns in a low return world
- Look for opportunities to be dynamic particularly in credit markets



Returns for Key Indicies Ranked in Order of Performance

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	QTD	3 year	5 Year	10 Year
RUSSELL 2000 VALUE 22.83	RUSSELL 2000 VALUE 14.03	BC AGGREGATE 10.25	MSCI EMERGING MARKETS 55.82	MSCI EMERGING MARKETS 25.55	MSCI EMERGING MARKETS 34.54	MSCI EMERGING MARKETS 32.17	MSCI EMERGING MARKETS 39.39	BC AGGREGATE 5.24	MSCI EMERGING MARKETS 78.51	RUSSELL 2000 GROWTH 29.09	BC AGGREGATE 7.84	MSCI EMERGING MARKETS 18.22	RUSSELL 2000 GROWTH 43.30	MSCI EMERGING MARKETS 6.60	RUSSELL 1000 VALUE 16.91	RUSSELL 2000 GROWTH 20.50	MSCI EMERGING MARKETS 11.94
BC AGGREGATE 11.63	BC AGGREGATE 8.44	MSCI EMERGING MARKETS -6.17	RUSSELL 2000 GROWTH 48.54	RUSSELL 2000 VALUE 22.25	MSCI EAFE 13.54	MSCI EAFE 26.34	RUSSELL 1000 GROWTH 11.81	RUSSELL 2000 VALUE -28.92	RUSSELL 1000 GROWTH 37.21	RUSSELL 2000 26.85	RUSSELL 1000 GROWTH 2.64	RUSSELL 2000 VALUE 18.05	RUSSELL 2000 38.82	S&P 500 5.23	RUSSELL 1000 16.62	RUSSELL 2000 20.21	RUSSELL 2000 GROWTH 9.04
RUSSELL 1000 VALUE 7.01	RUSSELL 2000 2.49	RUSSELL 2000 VALUE -11.43	RUSSELL 2000 47.25	MSCI EAFE 20.25	RUSSELL 1000 VALUE 7.05	RUSSELL 1000 VALUE 22.25	MSCI EAFE 11.17	RUSSELL 2000 -33.79	RUSSELL 2000 GROWTH 34.47	RUSSELL 2000 VALUE 24.5	S&P 500 2.11	RUSSELL 1000 VALUE 17.51	RUSSELL 2000 VALUE 34.52	RUSSELL 1000 GROWTH 5.13	S&P 500 16.58	RUSSELL 2000 VALUE 19.88	RUSSELL 2000 8.70
RUSSELL 2000 -3.02	MSCI EMERGING MARKETS -2.62	RUSSELL 1000 VALUE -15.52	RUSSELL 2000 VALUE 46.03	RUSSELL 2000 18.33	RUSSELL 1000 6.27	RUSSELL 2000 VALUE 23.48	RUSSELL 2000 GROWTH 7.06	RUSSELL 1000 VALUE -36.85	MSCI EAFE 31.78	MSCI EMERGING MARKETS 18.88	RUSSELL 1000 1.50	MSCI EAFE 17.32	RUSSELL 1000 GROWTH 33.48	RUSSELL 1000 5.12	RUSSELL 1000 GROWTH 16.26	RUSSELL 1000 19.25	RUSSELL 2000 VALUE 8.24
RUSSELL 1000 -7.79	RUSSELL 1000 VALUE -5.59	MSCI EAFE -15.94	MSCI EAFE 38.59	RUSSELL 1000 VALUE 16.49	RUSSELL 1000 GROWTH 5.26	RUSSELL 2000 18.37	BC AGGREGATE 6.97	S&P 500 -37.0	RUSSELL 1000 28.43	RUSSELL 1000 GROWTH 16.71	RUSSELL 1000 VALUE 0.39	RUSSELL 1000 16.42	RUSSELL 1000 33.11	RUSSELL 1000 VALUE 5.10	RUSSELL 2000 VALUE 14.64	RUSSELL 1000 GROWTH 19.24	RUSSELL 1000 GROWTH 8.20
S&P 500 -9.10	RUSSELL 2000 GROWTH -9.23	RUSSELL 2000 -20.48	RUSSELL 1000 VALUE 30.03	RUSSELL 2000 GROWTH 14.31	S&P 500 4.91	S&P 500 15.8	RUSSELL 1000 5.77	RUSSELL 1000 -37.6	RUSSELL 2000 27.16	RUSSELL 1000 16.10	RUSSELL 2000 GROWTH -2.91	RUSSELL 2000 16.35	RUSSELL 1000 VALUE 32.53	MSCI EAFE 4.09	RUSSELL 2000 14.56	RUSSELL 1000 VALUE 19.23	RUSSELL 1000 8.19
MSCI EAFE -14.17	S&P 500 -11.88	RUSSELL 1000 -21.65	RUSSELL 1000 29.89	RUSSELL 1000 11.40	RUSSELL 2000 VALUE 4.71	RUSSELL 1000 15.46	S&P 500 5.49	RUSSELL 1000 GROWTH -38.44	S&P 500 26.46	RUSSELL 1000 VALUE 15.51	RUSSELL 2000 -4.18	S&P 500 16.00	S&P 500 32.39	RUSSELL 2000 VALUE 2.38	RUSSELL 2000 GROWTH 14.49	S&P 500 18.84	RUSSELL 1000 VALUE 8.03
RUSSELL 1000 GROWTH -22.42	RUSSELL 1000 -12.45	S&P 500 -22.1	RUSSELL 1000 GROWTH 29.75	S&P 500 10.88	RUSSELL 2000 4.55	RUSSELL 2000 GROWTH 13.35	RUSSELL 1000 VALUE -0.17	RUSSELL 2000 GROWTH -38.54	RUSSELL 2000 VALUE 20.58	S&P 500 15.06	RUSSELL 2000 VALUE -5.50	RUSSELL 1000 GROWTH 15.26	MSCI EAFE 22.78	RUSSELL 2000 2.05	MSCI EAFE 8.10	MSCI EAFE 11.77	S&P 500 7.78
RUSSELL 2000 GROWTH -22.43	RUSSELL 1000 GROWTH -20.42	RUSSELL 1000 GROWTH -27.89	S&P 500 28.69	RUSSELL 1000 GROWTH 6.30	RUSSELL 2000 GROWTH 4.15	RUSSELL 1000 GROWTH 9.07	RUSSELL 2000 -1.56	MSCI EAFE -43.38	RUSSELL 1000 VALUE 19.69	MSCI EAFE 7.75	MSCI EAFE -12.14	RUSSELL 2000 GROWTH 14.59	BC AGGREGATE -2.02	BC AGGREGATE 2.04	BC AGGREGATE 3.66	MSCI EMERGING MARKETS 9.24	MSCI EAFE 6.93
MSCI EMERGING MARKETS -30.83	MSCI EAFE -21.44	RUSSELL 2000 GROWTH -30.26	BC AGGREGATE 4.10	BC AGGREGATE 4.34	BC AGGREGATE 2.43	BC AGGREGATE 4.33	RUSSELL 2000 VALUE -9.78	MSCI EMERGING MARKETS -53.33	BC AGGREGATE 5.93	BC AGGREGATE 6.54	MSCI EMERGING MARKETS -18.42	BC AGGREGATE 4.21	MSCI EMERGING MARKETS -2.60	RUSSELL 2000 GROWTH 1.72	MSCI EMERGING MARKETS -0.39	BC AGGREGATE 4.85	BC AGGREGATE 4.93



Investment Market Update: As of July 31, 2014

PERFORMANCE THROUGH 7/31/2014

<u>Sector</u>	<u>Index</u>	2008	2009	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>Q1</u>	<u>Q2</u>	<u>JUL</u>	<u>2014</u>
Treasury STRIPS	Barclays US Strips 20+ Yr	59.5%	-36.0%	10.9%	58.5%	3.0%	-21.0%	12.7%	7.8%	1.4%	23.2%
REITS	Wilshire US REIT	-39.2%	28.6%	28.6%	9.2%	17.6%	1.9%	10.1%	7.2%	0.1%	18.2%
Long Govt/Credit	Barclays US Govt/Credit Long	8.4%	1.9%	10.2%	22.5%	8.8%	-8.8%	6.6%	4.9%	0.3%	12.2%
Long Credit	Barclays US Long Credit	-3.9%	16.8%	10.7%	17.1%	12.7%	-6.6%	6.3%	5.0%	0.2%	11.9%
Emerging Equities	MSCI EM	-53.3%	78.5%	18.9%	-18.4%	18.2%	-2.6%	-0.4%	6.6%	1.9%	8.2%
EMD USD	Barclays EM USD Agg	-14.7%	34.2%	12.8%	7.0%	17.9%	-4.1%	2.8%	4.5%	-0.1%	7.3%
Large Cap Value	Russell 1000 Value	-36.8%	19.7%	15.5%	0.4%	17.5%	32.5%	3.0%	5.1%	-1.7%	6.4%
Municipal Bonds	Barclays Municipal	-2.5%	12.9%	2.4%	10.7%	6.8%	-2.6%	3.3%	2.6%	0.2%	6.2%
Large Cap	S&P 500	-37.0%	26.5%	15.1%	2.1%	16.0%	32.4%	1.8%	5.2%	-1.4%	5.7%
Large Cap	Russell 1000	-37.6%	28.4%	16.1%	1.5%	16.4%	33.1%	2.0%	5.1%	-1.6%	5.5%
EMD Local	JPM GBI EM Glob Div	-5.2%	22.0%	15.7%	-1.8%	16.8%	-9.0%	1.9%	4.0%	-1.1%	4.9%
Large Cap Growth	Russell 1000 Growth	-38.4%	37.2%	16.7%	2.6%	15.3%	33.5%	1.1%	5.1%	-1.5%	4.7%
Diversified	Diversified*	-24.5%	24.1%	13.5%	1.3%	12.7%	17.6%	2.1%	3.8%	-1.4%	4.5%
High Yield	Barclays US Corp HY	-26.2%	58.2%	15.1%	5.0%	15.8%	7.4%	3.0%	2.4%	-1.3%	4.1%
Global Bonds	Citi WGBI	10.9%	2.6%	5.2%	6.4%	1.6%	-4.0%	2.7%	2.3%	-0.9%	4.0%
Core Bonds	Barclays US Agg Bond	5.2%	5.9%	6.5%	7.8%	4.2%	-2.0%	1.8%	2.0%	-0.3%	3.7%
Int'l Developed	MSCI EAFE	-43.4%	31.8%	7.8%	-12.1%	17.3%	22.8%	0.7%	4.1%	-2.0%	2.7%
Interm Core Bonds	Barclays US Agg Interm	4.9%	6.5%	6.1%	6.0%	3.6%	-1.0%	1.2%	1.6%	-0.3%	2.5%
Interm Govt/Credit	Barclays US Govt/Credit Interm	5.1%	5.2%	5.9%	5.8%	3.9%	-0.9%	1.0%	1.2%	-0.2%	2.0%
Commodities	Bloomberg Commodity	-35.6%	18.9%	16.8%	-13.3%	-1.1%	-9.5%	7.0%	0.1%	-5.0%	1.7%
Govt/Credit	Barclays Govt/Credit 1-5 Yr	5.1%	4.6%	4.1%	3.1%	2.2%	0.3%	0.4%	0.7%	-0.2%	0.9%
SMID Cap	Russell 2500	-36.8%	34.4%	26.7%	-2.5%	17.9%	36.8%	2.3%	3.6%	-4.9%	0.7%
Govt/Credit	Barclays US Govt/Credit 1-3 Yr	5.0%	3.8%	2.8%	1.6%	1.3%	0.6%	0.2%	0.3%	-0.1%	0.5%
Small Cap Value	Russell 2000 Value	-28.9%	20.6%	24.5%	-5.5%	18.1%	34.5%	1.8%	2.4%	-6.0%	-2.1%
Small Cap	Russell 2000	-33.8%	27.2%	26.9%	-4.2%	16.3%	38.8%	1.1%	2.0%	-6.1%	-3.1%
Small Cap Growth	Russell 2000 Growth	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	0.5%	1.7%	-6.1%	-4.0%

*~35%~LC,~10%~SC,~12%~Intl~Equity,~3%~Emerging~Equity,~25%~Core~Bonds,~5%~HY,~5%~Global~Bonds,~5%~REITS

Source: Morningstar Direct



State Municipal Employees' Retirement System



Total Fund Performance Summary

	Market Value	3 Mo	Rank	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank
Municipal Composite	\$522,532,252	4.0%	21	6.7%	3	14.6%	72	8.5%	79	12.7%	39
Policy Index		3.3%	68	5.2%	47	13.4%	92	7.3%	95	10.2%	85
Allocation Index		3.3%	68	5.1%	53	13.4%	92	7.3%	95	10.7%	79
InvestorForce Public DB Gross Median		3.5%		5.2%		16.0%		9.5%		12.3%	

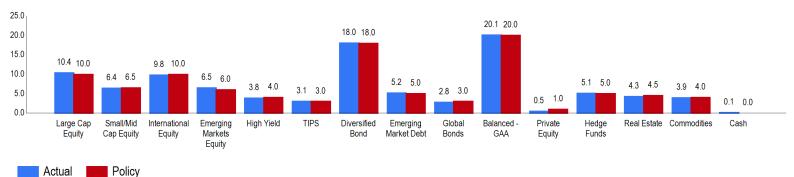
3 Years Ending June 30, 2014

	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank
Municipal Composite	8.46%	79	7.34%	38	1.15	70	1.67	39
Policy Index	7.28%	95	7.04%	30	1.03	89	1.40	80
Allocation Index	7.28%	95	6.99%	29	1.03	89	1.37	81

5 Years Ending June 30, 2014

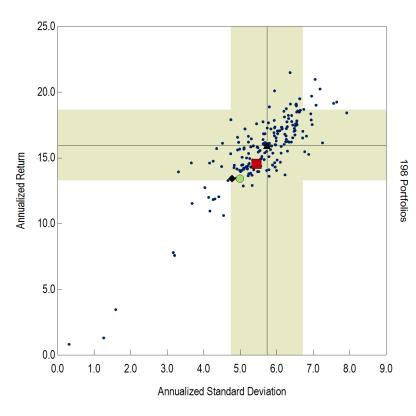
	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank
Municipal Composite	12.68%	39	8.09%	49	1.56	32	2.49	27
Policy Index	10.25%	85	7.56%	36	1.35	86	2.13	70
Allocation Index	10.65%	79	7.78%	39	1.36	84	2.17	63

Actual vs Target Allocation (%)







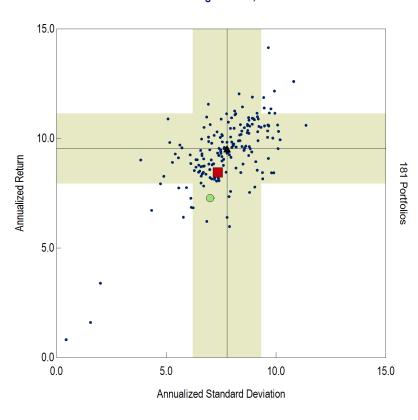


1 Year Ending June 30, 2	2014
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	Anlzd Return	Anlzd Return Rank	Anlzd Standard Deviation	Anlzd Standard Deviation Rank	Sharpe Ratio	Sharpe Ratio Rank
Municipal Composite	14.56%	72	5.44%	37	2.67	70
Policy Index	13.43%	92	4.78%	12	2.80	43
S&P 500	24.61%	1	9.47%	99	2.59	79
60% MSCI ACWI (Net)/40% CITI WGBI	16.36%	40	6.45%	82	2.53	84
Citi WGBI	6.85%	99	3.46%	3	1.97	99
MSCI ACWI	22.95%	1	9.68%	99	2.37	95
MSCI ACWI ex USA	21.75%	1	10.62%	99	2.04	99
InvestorForce Public DB Gross Median	15.97%		5.73%		2.77	-

- Municipal Composite
- Policy Index
- Allocation Index
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB Gross

3 Years Ending June 30, 2014



Municipal Composite	8.46%	79	7.34%	38	1.15	70
Policy Index	7.28%	95	7.04%	30	1.03	89
S&P 500	16.58%	1	12.26%	99	1.35	24
60% MSCI ACWI (Net)/40% CITI WGBI	6.95%	95	9.12%	83	0.76	99
Citi WGBI	1 57%	99	4 46%	3	0.34	99

30

99

3 Years Ending June 30, 2014

Anlzd

Return

Rank

Anlzd

Return

10.25%

5.73%

9.54%

Anlzd

Standard

Deviation

14.27%

16.57%

7.77%

Anlzd

Standard

Deviation

Rank

99

99

Sharpe

Ratio

Rank

99

99

Sharpe

Ratio

0.71

0.34

1.21

- Municipal Composite
- Policy Index
- Allocation Index
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB Gross

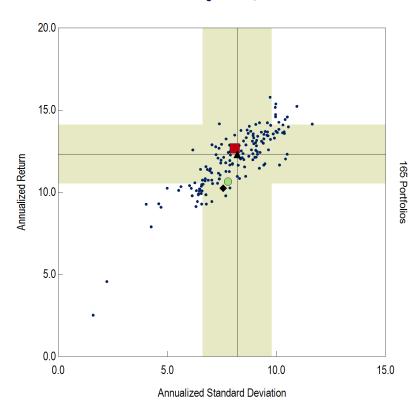
MSCI ACWI

Median

MSCI ACWI ex USA

InvestorForce Public DB Gross

5 Years Ending June 30, 2014

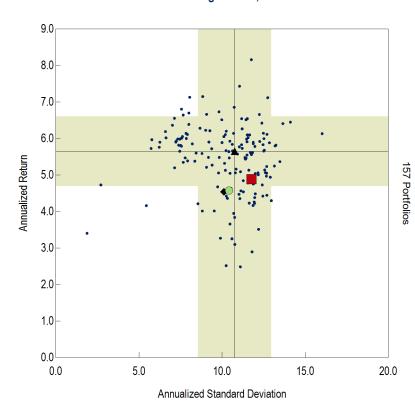


5	Years	Ending	June	30,	2014
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	Anlzd Return	Anlzd Return Rank	Anlzd Standard Deviation	Anlzd Standard Deviation Rank	Sharpe Ratio	Sharpe Ratio Rank
Municipal Composite	12.68%	39	8.09%	49	1.56	32
Policy Index	10.25%	85	7.56%	36	1.35	86
S&P 500	18.83%	1	13.40%	99	1.40	75
60% MSCI ACWI (Net)/40% CITI WGBI	10.16%	87	10.01%	92	1.01	99
Citi WGBI	3.60%	99	5.87%	6	0.60	99
MSCI ACWI	14.28%	5	15.01%	99	0.95	99
MSCI ACWI ex USA	11.11%	73	16.90%	99	0.65	99
InvestorForce Public DB Gross Median	12.32%		8.21%		1.48	

- Municipal Composite
- Policy Index
- Allocation Index
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB Gross

7 Years Ending June 30, 2014

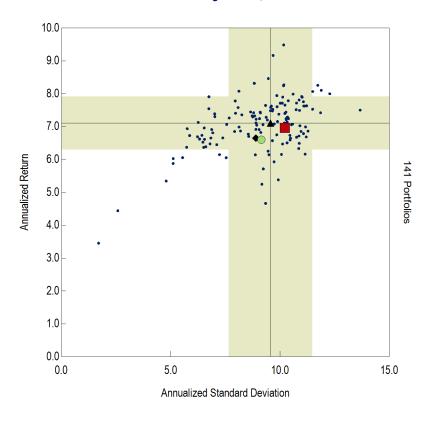


- Municipal Composite
- Policy Index
- Allocation Index
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB Gross

7 Years Ending June 30, 2014

	Anlzd Return	Anlzd Return Rank	Anlzd Standard Deviation	Anlzd Standard Deviation Rank	Sharpe Ratio	Sharpe Ratio Rank
Municipal Composite	4.89%	77	11.76%	73	0.37	77
Policy Index	4.54%	83	10.11%	37	0.40	72
S&P 500	6.16%	18	16.92%	99	0.33	89
60% MSCI ACWI (Net)/40% CITI WGBI	4.56%	82	12.55%	89	0.32	90
Citi WGBI	5.47%	58	7.08%	7	0.70	17
MSCI ACWI	3.24%	98	19.05%	99	0.14	99
MSCI ACWI ex USA	1.27%	99	21.44%	99	0.03	99
InvestorForce Public DB Gross Median	5.65%		10.75%		0.47	

10 Years Ending June 30, 2014



10 Years	Ending	June	30,	2014
----------	---------------	------	-----	------

	Anlzd Return	Anlzd Return Rank	Anlzd Standard Deviation	Anlzd Standard Deviation Rank	Sharpe Ratio	Sharpe Ratio Rank
Municipal Composite	6.97%	57	10.22%	69	0.53	76
Policy Index	6.65%	76	8.89%	36	0.58	60
S&P 500	7.78%	15	14.70%	99	0.43	98
60% MSCI ACWI (Net)/40% CITI WGBI	6.74%	69	10.99%	88	0.48	92
Citi WGBI	4.82%	99	6.68%	13	0.50	85
MSCI ACWI	7.46%	30	16.61%	99	0.36	99
MSCI ACWI ex USA	7.75%	16	18.90%	99	0.33	99
InvestorForce Public DB Gross Median	7.11%		9.56%		0.61	-

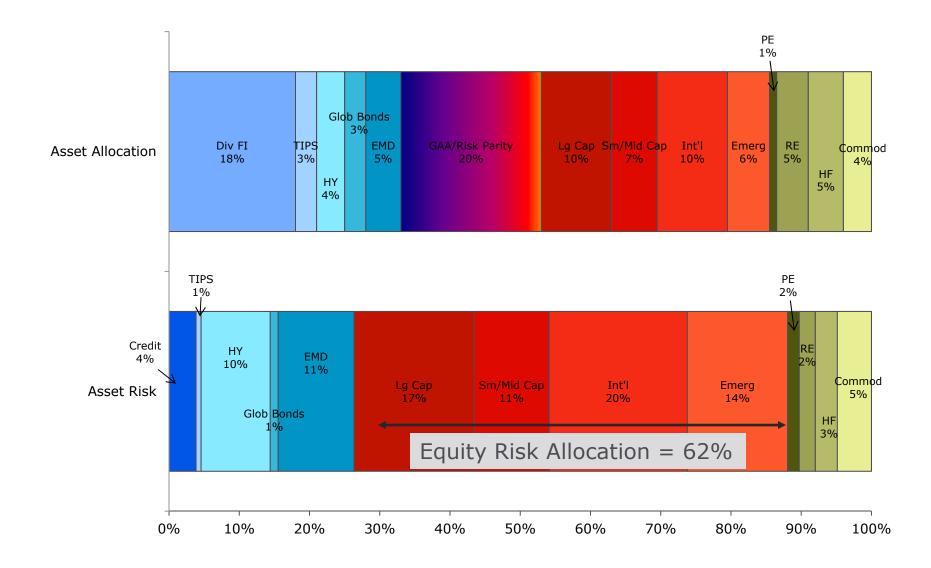
- Municipal Composite
- Policy Index
- Allocation Index
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB Gross

Total Fund Asset Allocation vs. Policy Targets

Policy	Current	Actual		Asset Allocation vs. Target			
				Current	Policy	Current	Difference*
10.0%	10.4%	10.8%	Large Cap Equity	\$54,205,120	10.00%	10.37%	0.37%
10.070	10.470	10.6%	Small/Mid Cap Equity	\$33,450,732	6.50%	6.40%	-0.10%
			International Equity	\$51,112,345	10.00%	9.78%	-0.22%
6.5%	6.4%	6.7%	Emerging Markets Equity	\$33,987,864	6.00%	6.50%	0.50%
			High Yield	\$20,085,494	4.00%	3.84%	-0.16%
10.0%	9.8%		TIPS	\$16,038,085	3.00%	3.07%	0.07%
101070	0.070	12.7%	Diversified Bond	\$94,118,211	18.00%	18.01%	0.01%
			Emerging Market Debt	\$27,013,189	5.00%	5.17%	0.17%
6.0%	6.5%		Global Bonds	\$14,642,263	3.00%	2.80%	-0.20%
4.0%	3.8%	7.7%	Balanced - GAA	\$105,198,603	20.00%	20.13%	0.13%
3.0%	3.1%		Private Equity	\$2,459,416	1.00%	0.47%	-0.53%
3.373	3.176	5.3%	Hedge Funds	\$26,834,931	5.00%	5.14%	0.14%
		4.3%	Real Estate	\$22,243,309	4.50%	4.26%	-0.24%
19.00/	18.0%		Commodities	\$20,456,404	4.00%	3.91%	-0.09%
16.0%	18.0%		Cash	\$686,287		0.13%	0.13%
			Total	\$522,532,252	100.00%	100.00%	
			*Difference between Policy and Current Allocation				
5.0%	5.2%	22.7%					
3.0%	2.8%						
20.0%	22.424	6.6%					
20.078	20.1%						
		6.0%					
		0.5%					
5.0%	0.5%	6.8%					
5.0%	5.1%	4.50/					
4.5%	4.3%	4.5%					
4.0%	3.9%	5.4%					
	0.1%						



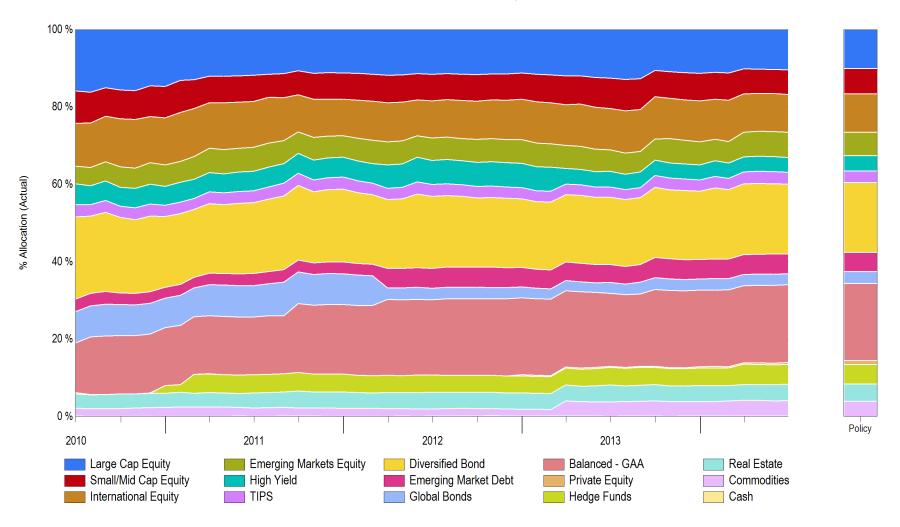
Total Fund Target Allocation vs. Asset Risk





Total Fund Asset Allocation History

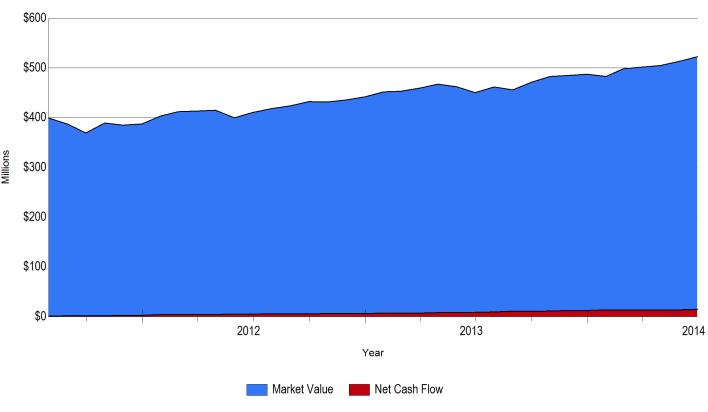
Asset Allocation History





Total Fund Asset Growth Summary

3 Years Ending June 30, 2014



	Last Three Months	Year-To-Date	Fiscal Year-To-Date	One Year	Three Years
Beginning Market Value	\$501,679,641	\$487,442,451	\$450,402,096	\$450,402,096	\$396,503,827
- Withdrawals	-\$2,578,426	-\$14,850,760	-\$52,132,384	-\$52,132,384	-\$190,752,468
+ Contributions	\$3,522,499	\$17,168,529	\$58,189,210	\$58,189,210	\$205,319,302
= Net Cash Flow	\$944,073	\$2,317,769	\$6,056,826	\$6,056,826	\$14,566,834
+ Net Investment Change	\$19,908,538	\$32,772,032	\$66,073,330	\$66,073,330	\$111,461,590
= Ending Market Value	\$522,532,252	\$522,532,252	\$522,532,252	\$522,532,252	\$522,532,252



Total Fund Asset Growth Summary by Manager

Quarter Ending June 30, 2014

	Beginning Market Value	Withdrawals	Contributions	Net Cash Flow	Net Investment Change	Ending Market Value
Aberdeen	\$31,901,055	\$0	\$0	\$0	\$2,086,809	\$33,987,864
Acadian	\$20,610,607	\$0	\$0	\$0	\$808,587	\$21,419,194
Allianz Structured Alpha	\$12,642,346	\$0	\$0	\$0	\$507,997	\$13,150,343
AQR Global Risk Premium	\$40,166,354	-\$500,000	\$0	-\$500,000	\$3,183,956	\$42,850,309
BlackRock TIPS	\$15,444,223	\$0	\$0	\$0	\$593,862	\$16,038,085
Champlain	\$10,182,847	\$0	\$256,600	\$256,600	\$446,250	\$10,885,697
GAM	\$5,418,489	\$0	\$0	\$0	\$78,489	\$5,496,978
Grosvenor	\$10,438,389	\$0	\$0	\$0	\$137,834	\$10,576,222
Guggenheim	\$15,013,104	\$0	\$0	\$0	\$238,460	\$15,251,564
Harbourvest Dover VIII Fund	\$762,824	-\$23,273	\$278,752	\$255,479	\$0	\$1,018,303
Harbourvest Partners IX Buyout Fund	\$532,125	\$0	\$168,746	\$168,746	\$0	\$700,871
Harbourvest Partners IX Credit Opportunities	\$102,031	\$0	\$23,597	\$23,597	\$0	\$125,628
Harbourvest Partners IX Venture Fund	\$452,628	\$0	\$161,986	\$161,986	\$0	\$614,615
KDP	\$4,743,173	-\$7,670	\$0	-\$7,670	\$98,426	\$4,833,929
Mellon Global Expanded Alpha	\$9,638,826	\$0	\$0	\$0	\$420,777	\$10,059,603
Mondrian	\$21,511,060	-\$795,460	\$0	-\$795,460	\$1,160,822	\$21,876,422
Mondrian GFI	\$14,358,492	\$0	\$0	\$0	\$283,771	\$14,642,263
Morgan Stanley Prime Property	\$9,402,691	-\$33,037	\$0	-\$33,037	\$290,796	\$9,660,451
Permal	\$10,509,909	\$0	\$0	\$0	\$251,821	\$10,761,730
PIMCO All Asset	\$30,486,277	-\$69,707	\$0	-\$69,707	\$1,384,314	\$31,800,884
PIMCO Core Plus	\$32,450,108	-\$600,000	\$1,000,000	\$400,000	\$649,275	\$33,499,383
PIMCO Unconstrained	\$33,951,934	-\$200,000	\$0	-\$200,000	\$583,393	\$34,335,328
RREEF America REIT III	\$2,821,930	-\$236,523	\$0	-\$236,523	\$342,644	\$2,928,051
Schroder	\$20,259,928	\$0	\$0	\$0	\$196,476	\$20,456,404
Siguler Guff		\$0	\$1,133,403	\$1,133,403	\$0	\$1,133,403



Total Fund Asset Growth Summary by Manager

Quarter Ending June 30, 2014

	Beginning Market Value	Withdrawals	Contributions	Net Cash Flow	Net Investment Change	Ending Market Value
SSgA ACWI Ex US	\$7,430,748	\$0	\$0	\$0	\$385,980	\$7,816,728
SSgA Russell 2000 Growth	\$8,021,278	\$0	\$0	\$0	\$138,674	\$8,159,951
SSgA S&P 400	\$3,643,110	\$0	\$0	\$0	\$157,376	\$3,800,486
SSgA S&P 500 Cap-Wgt	\$23,925,417	\$0	\$0	\$0	\$1,253,180	\$25,178,598
SSgA S&P 500 Equal-Wgt	\$13,339,575	\$0	\$0	\$0	\$727,586	\$14,067,160
T. Rowe	\$13,856,019	\$0	\$320,750	\$320,750	\$782,593	\$14,959,362
TERMINATED Post Advisory	\$0	\$0	\$0	\$0	\$0	
Transwestern / Aslan III	\$105,942	-\$7,245	\$0	-\$7,245	\$5,899	\$104,596
UBS Trumbull	\$8,230,442	-\$22,266	\$22,266	\$0	\$186,366	\$8,416,808
Vermont Cash	\$613,133	-\$83,245	\$156,399	\$73,154	\$0	\$686,287
Wellington	\$10,557,247	\$0	\$0	\$0	\$47,350	\$10,604,597
Wellington DAS	\$12,700,360	\$0	\$0	\$0	\$432,797	\$13,133,157
Wellington OIF	\$19,806,647	\$0	\$0	\$0	\$681,159	\$20,487,807
Wellington Opportunistic EMD	\$25,648,372	\$0	\$0	\$0	\$1,364,817	\$27,013,189
Total	\$501,679,641	-\$2,578,426	\$3,522,499	\$944,073	\$19,908,538	\$522,532,252



Vermont Municipal Employees

Total Fund Performance Detail

	Market Value (\$)	% of Portfolio	Policy %	3 Mo (%)	Rank	YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank
Municipal Composite	522,532,252	100.0	100.0	4.0	21	6.7	3	14.6	72	8.5	79	12.7	39
Policy Index				3.3	68	5.2	47	13.4	92	7.3	95	10.2	85
Allocation Index				3.3	68	5.1	53	13.4	92	7.3	95	10.7	79
InvestorForce Public DB Gross Median				3.5		5.2		16.0		9.5		12.3	
Large Cap Comp	54,205,120	10.4	10.0	5.4	29	7.5	39	25.7	50	16.8	40	20.6	16
S&P 500				5.2	33	7.1	45	24.6	61	16.6	44	18.8	48
eA US Large Cap Equity Gross Median				4.7		6.8		25.6		16.2		18.7	
T. Rowe	14,959,362	2.9	3.0	5.5	25	7.1	46	25.7	49	17.1	32	18.9	46
SSgA S&P 500 Cap-Wgt	25,178,598	4.8	4.0	5.2	33	7.1	45	24.6	61	16.6	43		
S&P 500				5.2	33	7.1	45	24.6	61	16.6	44	18.8	48
SSgA S&P 500 Equal-Wgt	14,067,160	2.7	3.0	5.5	27	8.6	19	27.3	31	17.2	32	22.4	4
S&P 500 Equal Weighted				5.5	24	8.7	18	27.4	31	17.2	32	22.4	4
Small/Mid Cap Comp	33,450,732	6.4	6.5	2.4	56	3.8	64	24.0	66	15.5	50	21.6	46
Russell 2000				2.0	65	3.2	72	23.6	69	14.6	59	20.2	74
eA US Small-Mid Cap Equity Gross Median				2.8		4.9		25.7		15.4		21.5	
SSgA S&P 400	3,800,486	0.7	0.5	4.3	40	7.5	36	25.3	58				
S&P 400 MidCap				4.3	40	7.5	36	25.2	59	15.3	51	21.7	44
eA US Mid Cap Equity Gross Median				3.9		6.2		26.6		15.3		21.4	
Champlain	10,885,697	2.1	2.0	4.3	42	5.8	57	25.9	55	15.9	41		
Russell 2500				3.6	60	5.9	54	25.6	56	15.5	49	21.6	45
eA US Mid Cap Equity Gross Median				3.9		6.2		26.6		15.3		21.4	
Wellington	10,604,597	2.0	2.0	0.4	93	2.0	90	20.1	93	15.4	66	22.1	42
Russell 2000 Value				2.4	68	4.2	65	22.5	79	14.6	75	19.9	79
eA US Small Cap Value Equity Gross Median				3.1		5.1		25.4		16.4		21.7	
SSgA Russell 2000 Growth	8,159,951	1.6	2.0	1.7	26	2.2	38	24.6	47	14.5	55	20.5	73
Russell 2000 Growth				1.7	27	2.2	37	24.7	46	14.5	55	20.5	73
eA US Small Cap Growth Equity Gross Median				0.2		1.0		24.2		14.9		21.9	

Fiscal Year End if 6/30



Vermont Municipal Employees

Total Fund Performance Detail

	Market Value (\$)	% of Portfolio	Policy %	3 Mo (%)	Rank	YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank
Int'l Equity Comp	51,112,345	9.8	10.0	4.8	25	8.7	8	28.0	22	9.3	54	12.9	68
MSCI EAFE				4.1	45	4.8	54	23.6	60	8.1	76	11.8	87
eA All EAFE Equity Gross Median				3.8		5.0		24.4		9.5		13.7	
Acadian	21,419,194	4.1	4.0	3.9	48	8.7	7	30.0	14	9.9	43	14.0	44
Mondrian	21,876,422	4.2	4.0	5.6	10	9.5	4	28.1	22	9.9	44	12.7	74
MSCI EAFE				4.1	45	4.8	54	23.6	60	8.1	76	11.8	87
SSgA ACWI Ex US	7,816,728	1.5	2.0	5.2	23	5.8	34	22.1	48	6.0	87		
MSCI ACWI ex USA				5.0	26	5.6	43	21.8	50	5.7	91	11.1	95
eA ACWI ex-US All Cap Equity Gross Median				4.1		4.6		21.7		8.6		14.1	
Emerging Market Comp	33,987,864	6.5	6.0	6.5	69	8.2	28	10.2	90				
Aberdeen	33,987,864	6.5	6.0	6.5	69	8.2	28	10.2	90	4.2	21	14.5	14
MSCI Emerging Markets				6.6	67	6.1	61	14.3	64	-0.4	81	9.2	78
eA Emg Mkts Equity Gross Median				7.2		6.7		15.5		2.2		11.6	
US Fixed Income	130,241,790	24.9		2.5	29	4.8	33	5.4	44	-			
Barclays Aggregate				2.0	49	3.9	51	4.4	61	3.7	63	4.9	65
eA All US Fixed Inc Gross Median				2.0		3.9		4.9		4.4		5.7	
Diversified Fixed	94,118,211	18.0	18.0	2.4	30	4.6	35	4.5	60	4.6	46	7.4	35
Barclays Aggregate				2.0	49	3.9	51	4.4	61	3.7	63	4.9	65
eA All US Fixed Inc Gross Median				2.0		3.9		4.9		4.4		5.7	
Allianz Structured Alpha	13,150,343	2.5	2.0	4.0	2	8.2	3	7.9	3	5.5	11	9.4	1
Citigroup 10 Year Treasury				2.7	6	6.1	4	2.8	98	5.0	20	5.0	77
PIMCO Core Plus	33,499,383	6.4	6.5	2.2	39	4.0	61	3.9	83	4.4	53		
Barclays Aggregate				2.0	58	3.9	62	4.4	71	3.7	84	4.9	83
PIMCO Unconstrained	34,335,328	6.6	6.5	1.7	80	2.7	92	2.5	99	2.9	97		
25% HY, 25% EMD, 50% BC Agg				3.0	4	5.6	5	7.9	3	6.2	5	8.5	2
3-Month Libor Total Return USD				0.1	99	0.1	99	0.2	99	0.3	99	0.3	99
Wellington DAS	13,133,157	2.5	3.0	3.4	3	7.8	3	7.6	5	8.8	2	8.2	4
Wellington Custom Benchmark				4.4	2	11.2	2	5.9	16	8.1	2	7.2	12



Vermont Municipal Employees

Total Fund Performance Detail

	Market Value (\$)	% of Portfolio	Policy %	3 Mo (%)	Rank	YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank
High Yield Comp	20,085,494	3.8	4.0	1.7	87	4.6	80	10.3	79	9.2	63	12.3	79
Barclays High Yield eA US High Yield Fixed Inc Gross Median				2.4 2.4	46	5.5 5.5	55	11.7 11.7	47	9.5 9.5	52	14.0 13.7	41
KDP	4,833,929	0.9	1.0	1.9	80	4.5	81	9.3	83	8.4	81		
Barclays High Yield BofA Merrill Lynch US High Yield BB-B Rated				2.4 2.5	46 40	5.5 5.5	55 50	11.7 11.4	47 57	9.5 9.0	52 68	14.0 12.6	41 75
Guggenheim	15,251,564	2.9	3.0	1.6	89	4.6	78			-			
Barclays High Yield eA US High Yield Fixed Inc Gross Median				2.4 2.4	46	5.5 5.5	55	11.7 11.7	47	9.5 9.5	52	14.0 13.7	41
TIPS	16,038,085	3.1	3.0										
BlackRock TIPS	16,038,085	3.1	3.0	3.8		5.8		4.5		3.5			
Barclays US TIPS				3.8		5.8		4.4		3.6		5.6	
Global Fixed Income Comp	14,642,263	2.8	3.0	2.0	74	4.0	81	5.5	82	1.1	94	5.6	70
Citi WGBI eA All Global Fixed Inc Gross Median				2.3 2.6	65	5.0 5.4	61	6.8 8.6	72	1.6 5.0	92	3.6 7.0	98
Mondrian GFI	14,642,263	2.8	3.0	2.0	74	4.0	81	5.5	82	0.2	98	4.1	97
Citi WGBI				2.3	65	5.0	61	6.8	72	1.6	92	3.6	98
Emerging Market Debt	27,013,189	5.2	5.0										
Wellington Opportunistic EMD	27,013,189	5.2	5.0	5.3	22	9.2	18	11.1	26	8.3	14		
JP Morgan EMBI Global TR				5.4	19	9.1	19	11.0	26	7.6	29	10.4	57
eA All Emg Mkts Fixed Inc Gross Median				4.8		7.5		9.6		6.6		11.0	
Total Real Estate	22,243,309	4.3	4.5										
Morgan Stanley Prime Property	9,660,451	1.8	2.0	3.1		6.1		14.6		15.1		11.0	
UBS Trumbull	8,416,808	1.6	2.0	2.3		4.9		10.2		10.4		9.3	
RREEF America REIT III	2,928,051	0.6	0.5	13.2		17.8		27.0		22.2		16.5	
Transwestern / Aslan III	104,596	0.0	0.0	5.6		5.9		10.6		16.4		-5.0	
NCREIF Property Index				2.9		5.7		11.2		11.3		9.7	-
NCREIF ODCE Siguler Guff	1,133,403	0.2		2.9		5.5 		12.7 		12.4 		10.0	

Real Estate performance reported on a quarterly basis. NCREIF Property is available 25 days after quarter end.



Vermont Municipal Employees

Total Fund Performance Detail

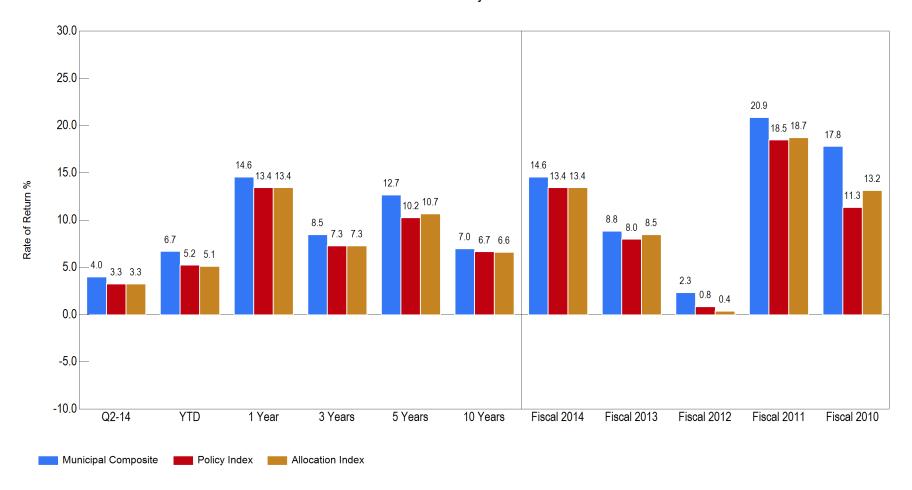
	Market Value (\$)	% of Portfolio	Policy %	3 Mo (%)	Rank	YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank
Hedge Fund Comp	26,834,931	5.1	5.0	1.8	40	3.2	38	10.4	33	6.8	27	-	
eA HFN FOF - Multi-Strategy Net Median				1.5		2.6		9.3		5.3		6.4	
Grosvenor	10,576,222	2.0	2.0	1.3	60	2.9	45	11.0	30	6.9	26		
GAM	5,496,978	1.1	1.0	1.4	55	1.8	61	7.4	66	6.7	28		
Permal	10,761,730	2.1	2.0	2.4	24	4.2	27	11.2	29	6.8	27		
HFRI Fund of Funds Composite Index				1.5	53	2.0	58	7.6	65	3.3	76	4.2	79
GAA Comp	105,198,603	20.1	20.0	5.7	11	8.9	11	16.0	33	7.7	36	12.7	25
eA Global TAA Gross Median				3.7		5.4		13.3		6.3		9.4	
Mellon Global Expanded Alpha	10,059,603	1.9	2.5	4.4	32	-0.4	96	8.9	76	6.1	52	12.1	29
Mellon GA GEA Index				3.5	59	5.6	44	14.3	44	7.6	36	9.8	48
AQR Global Risk Premium	42,850,309	8.2	8.0	8.0	1	14.1	1	18.8	9	9.2	26		
60% MSCI World / 40% CITI WGBI				3.9	43	6.0	35	17.4	22	8.2	32	10.9	37
PIMCO All Asset	31,800,884	6.1	5.0	4.5	27	7.4	15	12.4	58	7.6	36	11.1	36
PIMCO All Asset Index				3.0	69	5.0	56	7.4	86	5.5	60	7.6	72
CPI + 5% (Seasonally Adjusted)				2.1	81	3.8	76	7.2	87	6.9	44	7.1	79
Wellington OIF	20,487,807	3.9	4.5	3.5	58	6.0	34	19.4	7	5.7	60	10.6	38
65% MSCI ACWI (Net) / 35% BC Agg				4.0	42	5.4	47	16.2	32	8.2	33	11.2	36
Commodities	20,456,404	3.9	4.0										
Schroder	20,456,404	3.9	4.0	1.0		6.9		8.6		-3.1			
Bloomberg Commodity Index				0.1		7.1		8.2		-5.2		2.0	
Cash	686,287	0.1	0.0										
Vermont Cash	686,287	0.1	0.0	0.0		0.0		0.0		0.0		0.1	
91 Day T-Bills				0.0		0.0		0.0		0.0		0.1	
Private Equity	2,459,416	0.5	1.0										
Harbourvest Partners IX Credit Opportunities	125,628	0.0											
Harbourvest Partners IX Venture Fund	614,615	0.1											
Harbourvest Partners IX Buyout Fund	700,871	0.1											
Harbourvest Dover VIII Fund	1,018,303	0.2											
Eqty Composite				-	-								

Harbourvest is based on final Capital Account Statements for Q1 2014, and cash adjusted through June for any Capital Calls or Distributions PIMCO All Asset Index: 40% BC Agg / 30% TIPS / 10% S&P500 / 10% BC HY / 10% JPM EMBI+

Mellon CF GEA Index: 50% MSCI ACWI / 25% CITI WGBI H/H / 10% BC Global Inflation Linked H/H /5% BC US Interm. Credit / 5% DJ-UBS Commodity / 5% R2000.

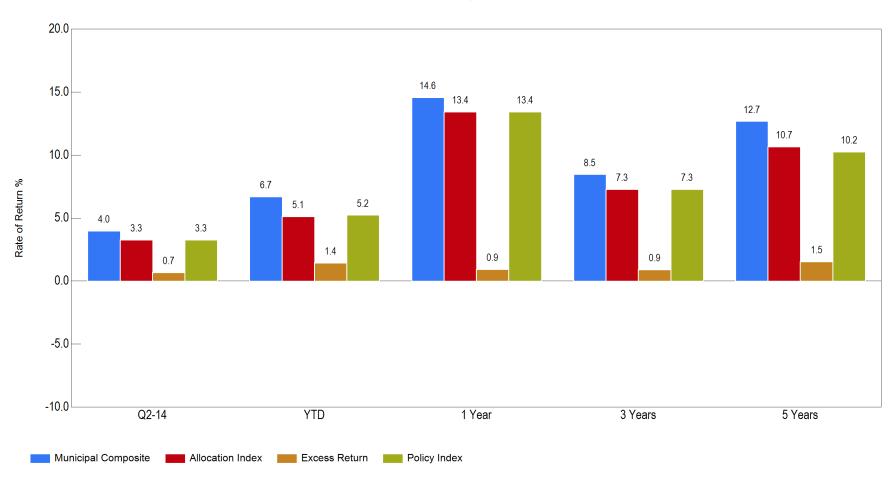


Return Summary Gross



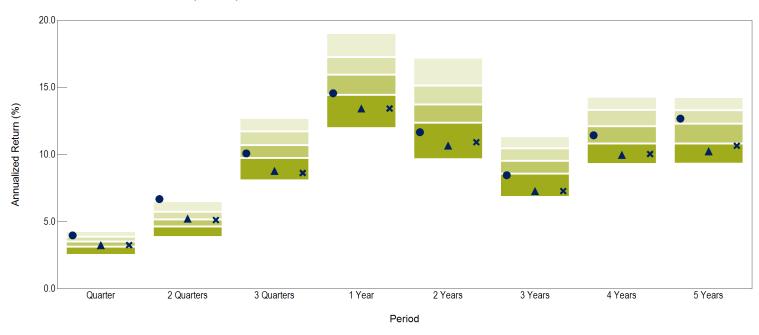
Total Fund Return Summary

Return Summary Gross



Total Fund Return Summary vs. Peer Universe

Municipal Composite vs. InvestorForce Public DB Gross

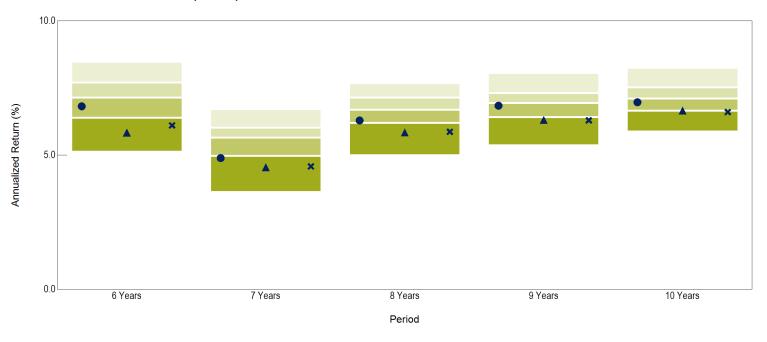


		Return (Rank)															
	5th Percentile	4.3		6.5		12.7		19.0		17.2		11.4		14.3		14.3	
	25th Percentile	3.9		5.8		11.7		17.3		15.2		10.5		13.3		13.3	
	Median	3.5		5.2		10.7		16.0		13.7		9.5		12.1		12.3	
	75th Percentile	3.2		4.6		9.8		14.5		12.4		8.6		10.8		10.8	
	95th Percentile	2.5		3.9		8.1		12.0		9.7		6.9		9.3		9.3	
	# of Portfolios	207		202		199		198		191		181		172		165	
•	Municipal Composite	4.0	(21)	6.7	(3)	10.1	(61)	14.6	(72)	11.7	(86)	8.5	(79)	11.4	(65)	12.7	(39)
•	Policy Index	3.3	(68)	5.2	(47)	8.8	(92)	13.4	(92)	10.7	(92)	7.3	(95)	10.0	(88)	10.2	(85)
×	Allocation Index	3.3	(68)	5.1	(53)	8.6	(94)	13.4	(92)	10.9	(91)	7.3	(95)	10.0	(88)	10.7	(79)



Total Fund Return Summary vs. Peer Universe

Municipal Composite vs. InvestorForce Public DB Gross

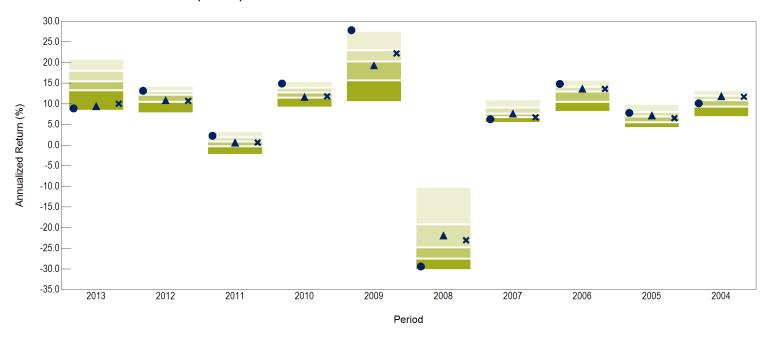


	Return (Rank)						
5th Percentile	8.5		6.7	7.7		8.1	8.2
25th Percentile	7.7		6.0	7.1		7.3	7.5
Median	7.1		5.7	6.7		6.9	7.1
75th Percentile	6.4		5.0	6.2		6.4	6.7
95th Percentile	5.1		3.6	5.0		5.4	5.9
# of Portfolios	161		157	154		146	141
 Municipal Composite 	6.8	(61)	4.9 (7	7) 6.3	(73)	6.8 (54)	7.0 (57)
Policy Index	5.8	(87)	4.5 (8	5.8	(89)	6.3 (83)	6.7 (76)
× Allocation Index	6.1	(85)	4.6 (8:	2) 5.9	(88)	6.3 (84)	6.6 (79)



Total Fund Return Summary vs. Peer Universe

Municipal Composite vs. InvestorForce Public DB Gross

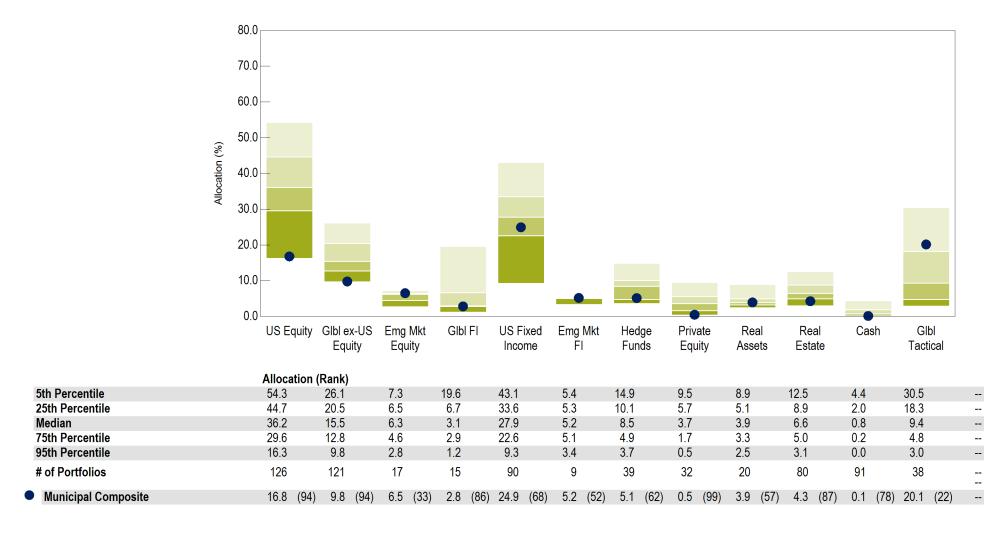


	Return (Rank)									
5th Percentile	20.8	14.3	3.4	15.5	27.6	-10.2	11.1	15.8	9.9	13.2
25th Percentile	18.0	13.1	1.9	13.9	23.0	-19.2	9.1	14.2	8.1	12.0
Median	15.5	12.2	0.9	12.8	20.3	-24.7	7.7	13.0	6.9	10.9
75th Percentile	13.3	10.5	-0.3	11.5	15.7	-27.4	6.8	10.5	5.5	9.4
95th Percentile	8.4	7.7	-2.4	9.2	10.4	-30.2	5.4	8.0	4.2	6.8
# of Portfolios	212	192	162	154	152	149	146	136	131	125
Municipal Composite	8.9 (93)	13.1 (24)	2.2 (17)	14.9 (12)	27.8 (5)	-29.4 (89)	6.3 (85)	14.8 (17)	7.8 (32)	10.1 (65)
▲ Policy Index	9.5 (92)	10.9 (71)	0.6 (62)	11.7 (72)	19.3 (55)	-21.9 (35)	7.7 (51)	13.7 (35)	7.2 (47)	11.9 (29)
× Allocation Index	10.0 (91)	10.7 (73)	0.6 (62)	11.8 (70)	22.2 (29)	-23.0 (41)	6.7 (79)	13.6 (37)	6.5 (57)	11.7 (34)



Total Fund Allocation vs. Peer Universe

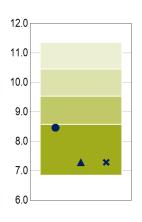
Total Plan Allocation vs. InvestorForce Public DB Gross
As of June 30, 2014



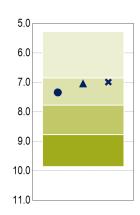
Total Fund Risk Statistics vs. Peer Universe

Municipal Composite vs. IFx Public DB Gross 3 Years

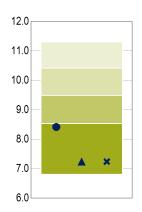
Anlzd Return



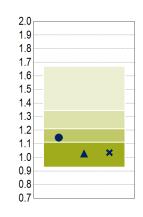
AnIzd Standard Deviation



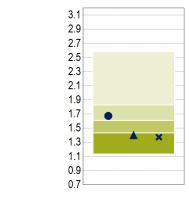
Ann Excess RF Return



Sharpe Ratio



Sortino Ratio RF



 Municipal Composite)
Value	8.46
%tile	79
Policy Index	
Value	7.28
%tile	95
Allocation Index	
Value	7.28
%tile	95
Universe	

11.35

10.47

9.54

8.59

6.86

Municipal Compo	sita
Value	7.34
%tile	38
Policy Index	
Value	7.04
%tile	30
Allocation Index	
Value	6.99
%tile	29
Universe	
5th %tile	5.28
25th %tile	6.84
Median	7.77
75th %tile	8.76
95th %tile	9.85

 Municipal Compo 	site
Value	8.41
%tile	79
Policy Index	
Value	7.24
%tile	95
Allocation Index	
Value	7.23
%tile	95
Universe	
5th %tile	11.30
25th %tile	10.42
Median	9.49
75th %tile	8.54

95th %tile

Muni	cipal Compo	osite
Value	• · · ·	1.15
%tile		70
Polic	y Index	
Value	•	1.03
%tile		89
× Alloc	ation Index	
Value	9	1.03
%tile		89
Llabor		
Unive		
5th	%tile	1.67
25th	n %tile	1.35
Med	dian	1.21
75th	n %tile	1.11
95th	n %tile	0.93

Munic	cipal Compos	ite
Value	· ·	1.67
%tile		39
Policy	Index	
Value		1.40
%tile		80
× Alloca	tion Index	
Value		1.37
%tile		81
Unive	rse	
5th 9	%tile	2.58
25th	%tile	1.83
Med	ian	1.61
75th	%tile	1.44
95th	%tile	1.14

5th %tile

Median

25th %tile

75th %tile

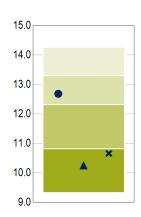
95th %tile

6.81

Total Fund Risk Statistics vs. Peer Universe

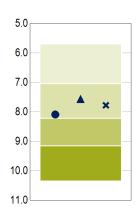
Municipal Composite vs. IFx Public DB Gross 5 Years

Anizd Return



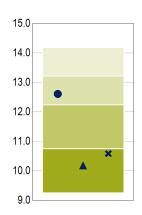
 Municipal Composite Value 12.68 %tile 39 ▲ Policy Index Value 10.25 85 %tile × Allocation Index 10.65 Value 79 %tile Universe 5th %tile 14.26 25th %tile 13.30 12.32 Median 75th %tile 10.83 95th %tile 9.33

Anizd Standard Deviation



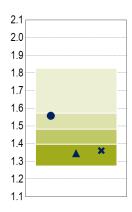
 Municipal Composite Value 8.09 %tile 49 ▲ Policy Index Value 7.56 %tile 36 × Allocation Index Value 7.78 %tile 39 Universe 5th %tile 5.70 25th %tile 7.04 Median 8.21 75th %tile 9.14 95th %tile 10.34

Ann Excess RF Return



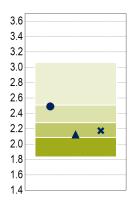
 Municipal Composite Value 12.61 %tile 39 ▲ Policy Index Value 10.18 %tile 85 × Allocation Index 10.58 Value %tile 79 Universe 5th %tile 14.18 25th %tile 13.23 Median 12.25 75th %tile 10.75 95th %tile 9.26

Sharpe Ratio



 Municipal Composite Value 1.56 %tile 32 ▲ Policy Index Value 1.35 %tile 86 × Allocation Index Value 1.36 %tile 84 Universe 5th %tile 1.83 25th %tile 1.57 Median 1.48 75th %tile 1.40 95th %tile 1.27

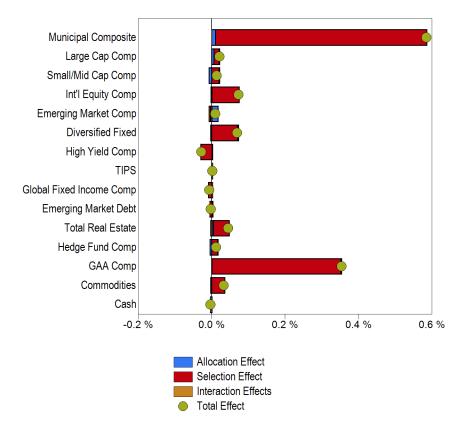
Sortino Ratio RF



 Municipal Composite 2.49 Value %tile 27 ▲ Policy Index Value 2.13 %tile 70 × Allocation Index Value 2.17 %tile 63 Universe 5th %tile 3.06 25th %tile 2.51 Median 2.28 75th %tile 2.09 95th %tile 1.84

Total Fund Attribution Analysis

Attribution Effects Relative to Policy Index 3 Months Ending June 30, 2014



Attribution Summary 3 Months Ending June 30, 2014

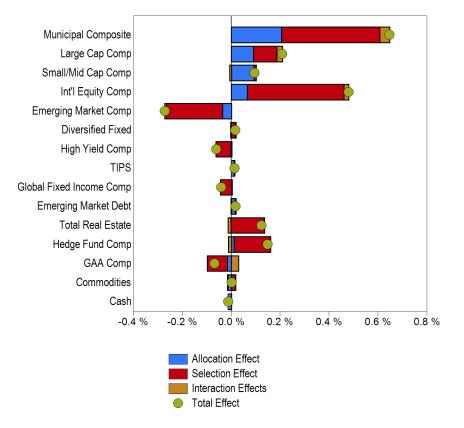
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effects	Total Effects
Large Cap Comp	5.4%	5.2%	0.1%	0.0%	0.0%	0.0%	0.0%
Small/Mid Cap Comp	2.4%	2.0%	0.4%	0.0%	0.0%	0.0%	0.0%
Int'l Equity Comp	4.8%	4.1%	0.7%	0.1%	0.0%	0.0%	0.1%
Emerging Market Comp	6.5%	6.6%	-0.1%	0.0%	0.0%	0.0%	0.0%
Diversified Fixed	2.4%	2.0%	0.4%	0.1%	0.0%	0.0%	0.1%
High Yield Comp	1.7%	2.4%	-0.7%	0.0%	0.0%	0.0%	0.0%
TIPS	3.8%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%
Global Fixed Income Comp	2.0%	2.3%	-0.3%	0.0%	0.0%	0.0%	0.0%
Emerging Market Debt	5.3%	5.4%	-0.1%	0.0%	0.0%	0.0%	0.0%
Total Real Estate	3.8%	2.9%	0.9%	0.0%	0.0%	0.0%	0.0%
Hedge Fund Comp	1.8%	1.5%	0.3%	0.0%	0.0%	0.0%	0.0%
GAA Comp	5.7%	3.9%	1.8%	0.4%	0.0%	0.0%	0.4%
Commodities	1.0%	0.1%	0.9%	0.0%	0.0%	0.0%	0.0%
Cash	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	4.0%	3.4%	0.6%	0.6%	0.0%	0.0%	0.6%

Note: Plan attribution calculations are returns based and the results shown reflect the composites shown. As a result, the total returns shown may vary from the calculated returns shown on the performance report. The target return shown for each composite is a custom index, based on aggregated policy indices. This policy index asset weights the underlying policy indices of each option in the plan and the respective benchmark. The allocation, selection, and interaction effects are calculated using the custom index described above along with the policy or target weight of each composite.

May not add up due to rounding.

Total Fund Attribution Analysis

Attribution Effects Relative to Policy Index 1 Year Ending June 30, 2014



Attribution Summary 1 Year Ending June 30, 2014

				, =•			
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effects	Total Effects
Large Cap Comp	25.7%	24.6%	1.0%	0.1%	0.1%	0.0%	0.2%
Small/Mid Cap Comp	24.0%	23.6%	0.3%	0.0%	0.1%	0.0%	0.1%
Int'l Equity Comp	28.0%	23.6%	4.4%	0.4%	0.1%	0.0%	0.5%
Emerging Market Comp	10.2%	14.3%	-4.1%	-0.2%	0.0%	0.0%	-0.3%
Diversified Fixed	4.5%	4.4%	0.1%	0.0%	0.0%	0.0%	0.0%
High Yield Comp	10.3%	11.7%	-1.5%	-0.1%	0.0%	0.0%	-0.1%
TIPS	4.5%	4.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Global Fixed Income Comp	5.5%	6.8%	-1.4%	0.0%	0.0%	0.0%	0.0%
Emerging Market Debt	11.1%	11.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Total Real Estate	14.1%	11.2%	2.9%	0.1%	0.0%	0.0%	0.1%
Hedge Fund Comp	10.4%	7.6%	2.8%	0.1%	0.0%	0.0%	0.1%
GAA Comp	16.0%	16.4%	-0.3%	-0.1%	0.0%	0.0%	-0.1%
Commodities	8.6%	8.2%	0.4%	0.0%	0.0%	0.0%	0.0%
Cash	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	14.6%	13.8%	0.8%	0.4%	0.2%	0.0%	0.6%

Note: Plan attribution calculations are returns based and the results shown reflect the composites shown. As a result, the total returns shown may vary from the calculated returns shown on the performance report.

The target return shown for each composite is a custom index, based on aggregated policy indices. This policy index asset weights the underlying policy indices of each option in the plan and the respective benchmark.

The allocation, selection, and interaction effects are calculated using the custom index described above along with the policy or target weight of each composite.

May not add up due to rounding.

Total Fund Risk Statistics

5 Tears Ending Julie 30, 2014													
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank	Tracking Error	Rank
Municipal Composite	100.00%	8.46%	79	7.34%	38	0.90%	14	1.15	70	1.67	39	0.85%	15
Policy Index	-	7.28%	95	7.04%	30	0.00%	45	1.03	89	1.40	80	0.00%	1
US Equity	16.78%	16.28%	46	13.81%	41	-1.30%	46	1.18	41	1.67	43	1.67%	4
Russell 3000	-	16.46%	44	12.85%	27	0.00%	34	1.28	30	1.84	30	0.00%	1
Large Cap Comp	10.37%	16.75%	40	13.00%	48	-0.79%	49	1.28	45	1.87	44	1.15%	1
S&P 500	-	16.58%	44	12.26%	29	0.00%	38	1.35	35	2.03	31	0.00%	1
Small/Mid Cap Comp	6.40%	15.45%	50	15.55%	36	2.21%	47	0.99	43	1.47	34	2.53%	1
Russell 2000	-	14.57%	59	16.98%	67	0.00%	71	0.86	67	1.26	63	0.00%	1
Int'l Equity Comp	9.78%	9.29%	54	15.21%	25	1.80%	49	0.61	47	0.77	44	2.31%	11
MSCI EAFE		8.10%	76	16.34%	61	0.00%	77	0.49	76	0.63	71	0.00%	1
Emerging Market Comp	6.50%	4.23%	21	17.97%	25	4.57%	21	0.23	23	0.33	19	5.18%	67
MSCI Emerging Markets		-0.39%	81	19.49%	62	0.00%	82	-0.02	82	-0.03	82	0.00%	1
US Fixed Income	24.93%	5.42%	36	3.40%	65	1.80%	35	1.58	51	1.94	67	2.02%	44
Barclays Aggregate		3.66%	63	2.77%	49	0.00%	88	1.31	78	1.80	77	0.00%	1
Diversified Fixed	18.01%	4.63%	46	3.35%	65	0.78%	61	1.37	73	1.87	71	1.65%	37
Barclays Aggregate		3.66%	63	2.77%	49	0.00%	88	1.31	78	1.80	77	0.00%	1
High Yield Comp	3.84%	9.19%	63	5.41%	28	1.24%	34	1.69	34	2.15	51	1.33%	49
Barclays High Yield		9.48%	52	6.39%	70	0.00%	74	1.48	73	1.95	72	0.00%	1
TIPS	3.07%	3.54%	71	5.49%	83	-0.01%	83	0.64	81	0.77	67	0.11%	2
Barclays US TIPS	-	3.55%	71	5.49%	84	0.00%	83	0.64	81	0.79	62	0.00%	1
Global Fixed Income Comp	2.80%	1.10%	94	5.24%	52	-0.61%	96	0.20	94	0.34	92	1.93%	11
Citi WGBI	-	1.57%	92	4.46%	32	0.00%	91	0.34	87	0.55	84	0.00%	1
Emerging Market Debt	5.17%	8.29%	14	7.96%	18	0.89%	17	1.03	13	1.39	15	1.23%	7
JP Morgan EMBI Global TR	-	7.63%	29	8.12%	22	0.00%	34	0.93	28	1.36	17	0.00%	1
Total Real Estate	4.26%	14.15%		5.77%		0.14%		2.44		1,659.90		1.74%	
NCREIF Property Index	-	11.32%		4.53%		0.00%		2.49		1,326.99		0.00%	
Hedge Fund Comp	5.14%	6.80%	27	4.48%	48	3.30%	32	1.50	30	1.99	35	1.09%	1
HFRI Fund of Funds Composite Index		3.28%	76	4.09%	39	0.00%	73	0.79	69	1.08	67	0.00%	1
GAA Comp	20.13%	7.67%	36	8.77%	50	1.41%	51	0.87	51	1.10	51	3.23%	21
60% MSCI ACWI (Net)/40% CITI WGBI		6.95%	44	9.12%	56	0.00%	57	0.76	54	0.96	56	0.00%	1
Commodities	3.91%	-3.12%		12.53%		1.01%		-0.25		-0.35		5.14%	



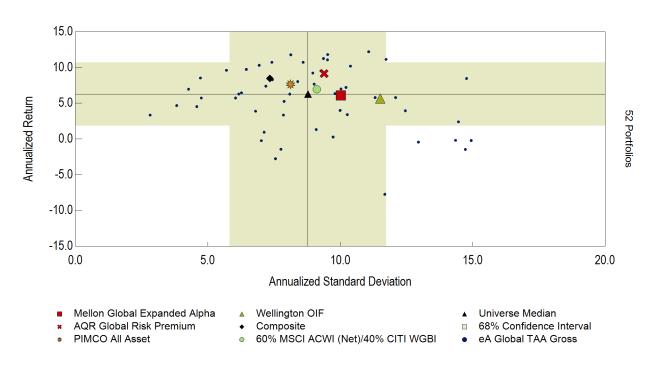
Total Fund Risk Statistics

	5 Tears Litting June 30, 2014												
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank	Tracking Error	Rank
Municipal Composite	100.00%	12.68%	39	8.09%	49	1.82%	8	1.56	32	2.49	27	1.19%	49
Policy Index		10.25%	85	7.56%	36	0.00%	64	1.35	86	2.13	70	0.00%	1
US Equity	16.78%												
Russell 3000		19.33%	62	13.94%	30	0.00%	51	1.38	38	2.27	33	0.00%	1
Large Cap Comp	10.37%	20.59%	16	14.16%	55	0.77%	31	1.45	26	2.33	28	1.33%	1
S&P 500		18.83%	48	13.40%	31	0.00%	46	1.40	38	2.32	28	0.00%	1
Small/Mid Cap Comp	6.40%	21.64%	46	16.18%	36	3.82%	45	1.33	39	2.29	28	2.89%	1
Russell 2000		20.21%	74	18.23%	77	0.00%	91	1.10	84	1.81	79	0.00%	1
Int'l Equity Comp	9.78%	12.93%	68	15.86%	21	2.05%	57	0.81	53	1.16	51	2.26%	10
MSCI EAFE		11.77%	87	17.05%	57	0.00%	86	0.69	85	1.00	80	0.00%	1
Emerging Market Comp	6.50%												
MSCI Emerging Markets		9.24%	78	19.15%	44	0.00%	76	0.48	76	0.72	71	0.00%	1
US Fixed Income	24.93%												
Barclays Aggregate		4.85%	65	2.85%	45	0.00%	88	1.68	76	2.43	75	0.00%	1
Diversified Fixed	18.01%	7.42%	35	3.82%	69	1.77%	40	1.92	60	3.38	34	1.94%	43
Barclays Aggregate		4.85%	65	2.85%	45	0.00%	88	1.68	76	2.43	75	0.00%	1
High Yield Comp	3.84%	12.31%	79	5.33%	19	1.58%	25	2.30	25	3.20	43	1.91%	66
Barclays High Yield		13.98%	41	6.82%	68	0.00%	70	2.04	63	2.99	62	0.00%	1
TIPS	3.07%												
Barclays US TIPS		5.55%	77	5.22%	80	0.00%	90	1.05	93	1.37	79	0.00%	1
Global Fixed Income Comp	2.80%	5.59%	70	6.10%	52	2.19%	77	0.90	72	1.45	56	2.57%	21
Citi WGBI		3.60%	98	5.87%	45	0.00%	99	0.60	96	0.76	97	0.00%	1
Emerging Market Debt	5.17%												
JP Morgan EMBI Global TR		10.43%	57	7.31%	9	0.00%	49	1.42	42	1.94	33	0.00%	1
Total Real Estate	4.26%												
NCREIF Property Index		9.67%		5.39%		0.00%		1.78		4.61		0.00%	
Hedge Fund Comp	5.14%												
HFRI Fund of Funds Composite Index		4.23%	79	4.07%	33	0.00%	75	1.02	64	1.41	65	0.00%	1
GAA Comp	20.13%	12.73%	25	8.63%	52	4.55%	19	1.47	26	2.09	36	3.69%	24
60% MSCI ACWI (Net)/40% CITI WGBI	-	10.16%	46	10.01%	69	0.00%	71	1.01	60	1.53	60	0.00%	1
Commodities	3.91%												



Total Global Asset Allocation/Better Beta

Annualized Return vs. Annualized Standard Deviation 3 Years Ending June 30, 2014



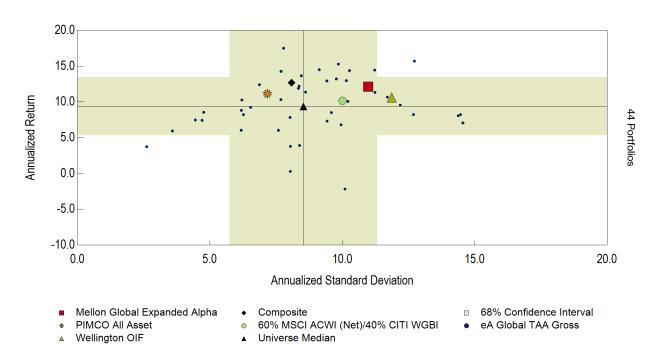
Statistics Summary

	Anlzd Return	Anlzd Standard Deviation
GAA Comp	7.67%	8.77%
Mellon Global Expanded Alpha	6.11%	10.02%
AQR Global Risk Premium	9.15%	9.39%
PIMCO All Asset	7.64%	8.12%
Wellington OIF	5.65%	11.51%
Composite	8.46%	7.34%



Total Global Asset Allocation/Better Beta

Annualized Return vs. Annualized Standard Deviation 5 Years Ending June 30, 2014



Statistics Summary

	Anlzd Return	AnIzd Standard Deviation
GAA Comp	12.73%	8.63%
Mellon Global Expanded Alpha	12.12%	10.98%
AQR Global Risk Premium		
PIMCO All Asset	11.14%	7.17%
Wellington OIF	10.61%	11.87%
Composite	12.68%	8.09%



Reporting Methodology

- The client's custodian bank is NEPC's preferred data source unless otherwise directed.
 NEPC reconciles custodian data to manager data. If the custodian cannot provide accurate data, manager data may be used.
- Trailing time period returns are determined by geometrically linking the holding period returns, from the first full month after inception to the report date. Rates of Return are annualized when the time period is longer than a year. Performance is presented gross and/or net of fees as indicated on each page.
- For managers funded in the middle of a month, the "since inception" return will start with the first full month, although actual inception dates and cash flows are taken into account in all Composite calculations.
- This report may contain forward-looking statements that are based on NEPC's estimates, opinions and beliefs, but NEPC cannot guarantee that any plan will achieve its targeted return or meet other goals.



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It is important to note the following characteristics of many nontraditional investment strategies including hedge funds and private equity:

- 1. Performance can be volatile and investors could lose all or a substantial portion of their investment
- 2. Leverage and other speculative practices may increase the risk of loss
- 3. Past performance may be revised due to the revaluation of investments
- 4. These investments can be illiquid, and investors may be subject to lockups or lengthy redemption terms
- 5. A secondary market may not be available for all funds, and any sales that occur may take place at a discount to value
- 6. These funds are not subject to the same regulatory requirements as registered investment vehicles
- 7. Managers are not required to provide periodic pricing or valuation information to investors
- 8. These funds may have complex tax structures and delays in distributing important tax information
- 9. These funds often charge high fees
- 10. Limited partnership agreements often give the manager authority to trade in securities, markets or currencies that are not within the manager's realm of expertise or contemplated investment strategy



Information Disclaimer

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