

# **VPIC - Municipal Employees**

Investment Summary
Quarter Ending September 30, 2012

One Main Street, Cambridge, MA 02142 | TEL: 617.374.1300 | FAX: 617.374.1313 | www.nepc.com

CAMBRIDGE | ATLANTA | CHARLOTTE | CHICAGO | DETROIT | LAS VEGAS | SAN FRANCISCO



### Total Fund Performance Summary

	Market Value	3 Mo	Rank	YTD	Rank	Fiscal YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank
Municipal Composite	\$432,317,176	5.1%	22	10.8%	43	5.1%	22	16.1%	54	10.5%	12	3.1%	33
Policy Index		4.5%	60	9.0%	91	4.5%	60	13.8%	84	7.9%	89	2.7%	46
Allocation Index		4.4%	64	8.7%	94	4.4%	64	13.3%	92	7.9%	89	2.7%	46
ICC Public DB Median		4.7%		10.5%		4.7%		16.3%		9.3%		2.5%	

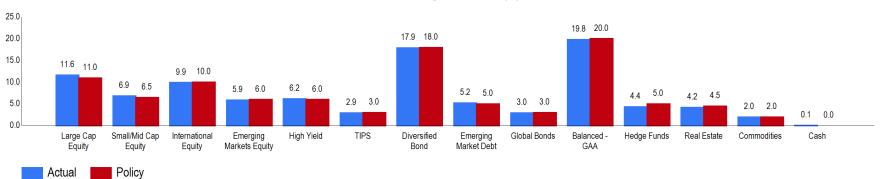
#### 3 Years Ending September 30, 2012

		7		,					
	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank	
Municipal Composite	10.46%	12	8.88%	40	1.17	21	1.81	19	
Policy Index	7.93%	89	8.68%	34	0.90	74	1.48	71	

#### 5 Years Ending September 30, 2012

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	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank	
Municipal Composite	3.11%	33	13.52%	76	0.19	38	0.23	43	
Policy Index	2.67%	46	11.57%	42	0.19	40	0.24	42	

#### Actual vs Target Allocation (%)



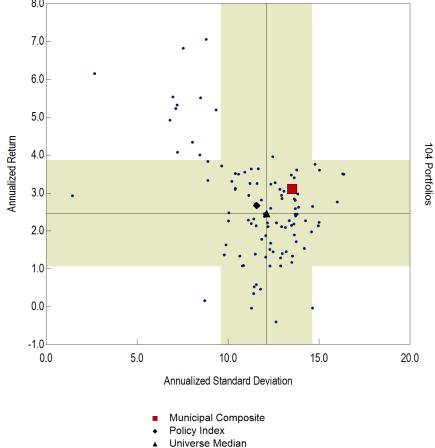




68% Confidence Interval

ICC Public DB

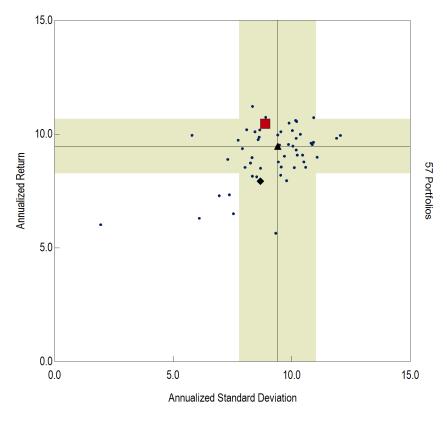
#### 5 Years Ending September 30, 2012



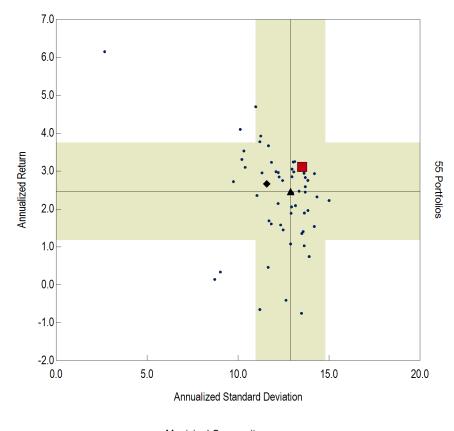
68% Confidence Interval

ICC Public DB





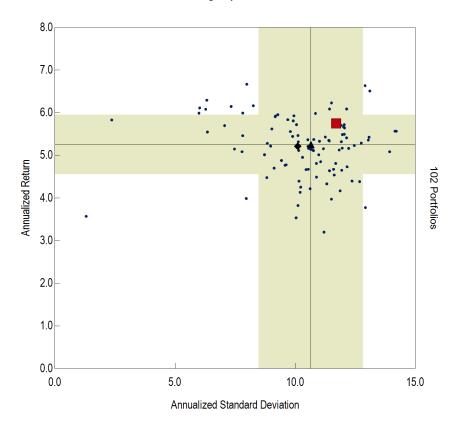
- Municipal Composite
- Policy Index
- ▲ Universe Median
- 68% Confidence Interval
- IF Public DB > \$250mm Gross



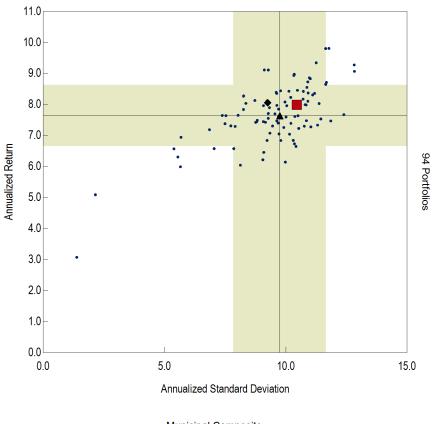
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- Municipal Composite
- Policy Index
- Universe Median
- 68% Confidence Interval
- ICC Public DB

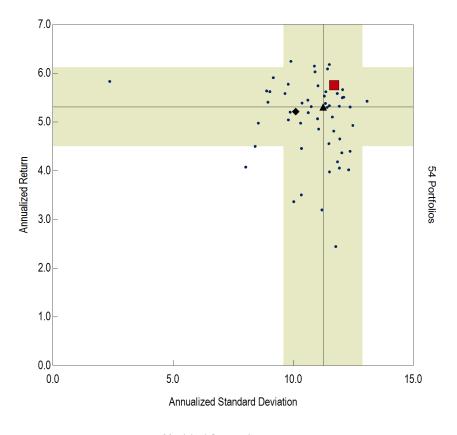




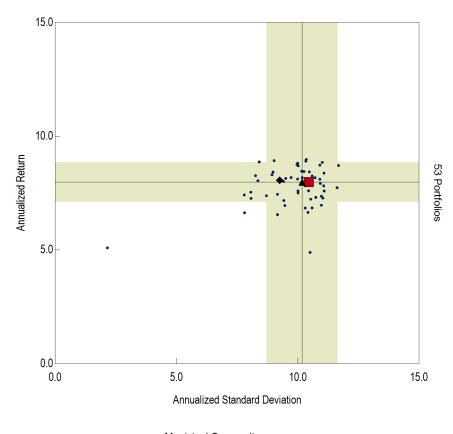
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- Municipal Composite
- Policy Index
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- Municipal Composite
- Policy Index
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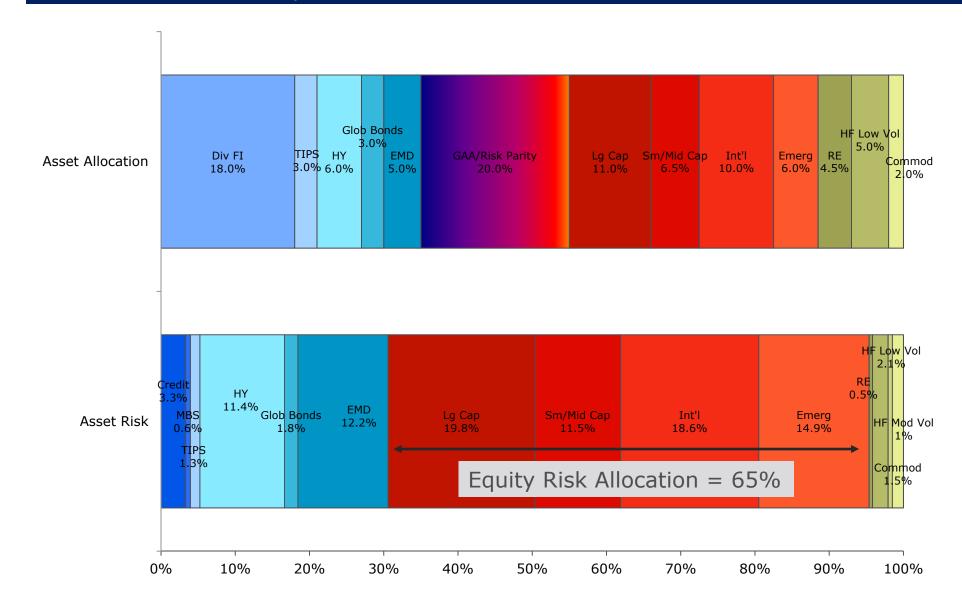


# Total Fund Asset Allocation vs. Policy Targets

Policy	Current	Actual	Actual Asset Allocation vs. Target							
,				Current	Policy	Current	Difference*			
44.00/			Large Cap Equity	\$50,291,490	11.0%	11.6%	0.6%			
11.0%	11.6%	13.0%	Small/Mid Cap Equity	\$29,681,064	6.5%	6.9%	0.4%			
			International Equity	\$42,819,136	10.0%	9.9%	-0.1%			
6.5%	6.9%		Emerging Markets Equity	\$25,574,601	6.0%	5.9%	-0.1%			
	0.570	7.1%	High Yield	\$26,866,449	6.0%	6.2%	0.2%			
42.22			TIPS	\$12,744,494	3.0%	2.9%	-0.1%			
10.0%	9.9%		Diversified Bond	\$77,519,150	18.0%	17.9%	-0.1%			
		12.2%	Emerging Market Debt	\$22,565,763	5.0%	5.2%	0.2%			
6.0%	5.9%		Global Bonds	\$12,806,984	3.0%	3.0%	0.0%			
		2.22	Balanced - GAA	\$85,648,124	20.0%	19.8%	-0.2%			
6.0%	6.2%	6.9%	Hedge Funds	\$18,849,820	5.0%	4.4%	-0.6%			
3.0%	2.9%		Real Estate	\$18,193,081	4.5%	4.2%	-0.3%			
	2.9%	7.4%	Commodities	\$8,447,244	2.0%	2.0%	0.0%			
		4.20/	Cash	\$309,776		0.1%	0.1%			
18.0%		4.3%	Total	\$432,317,176	100.0%	100.0%				
10.070	17.9%		*Difference between Policy and Current Allocation							
			'Actual' allocation graph represents look through to the	GAA managers.						
		20.7%	New Policy has been approved to include 3% Private Equ	ity targets and will be reflected upon	funding.					
5.0%	5.2%									
3.0%	3.0%									
		7.5%								
20.0%		7.5%								
20.0%	19.8%									
		7.3%								
5.0%	4.4%	5.4%								
	4.2%	4.4%								
4.5%	2.0%	3.3%								
2.0%	0.1%	0.5%								

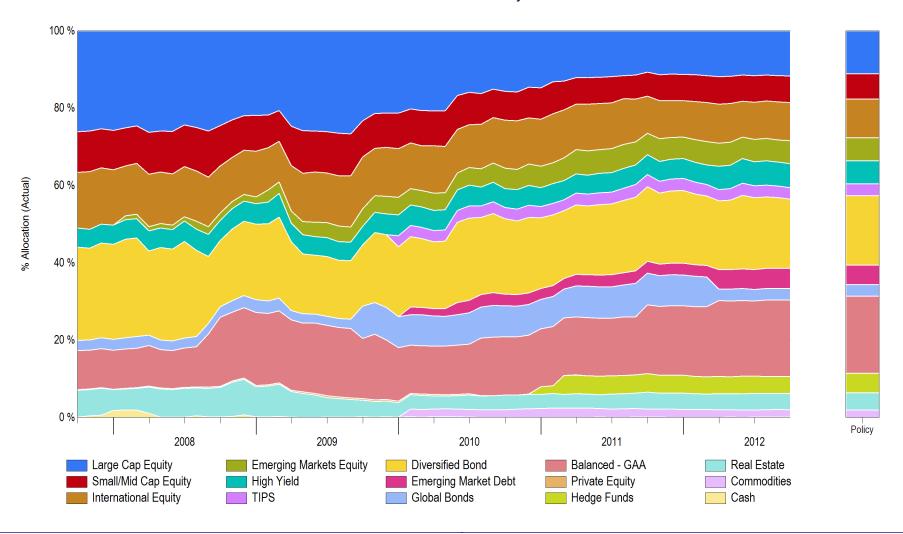


#### Total Plan Performance Analysis



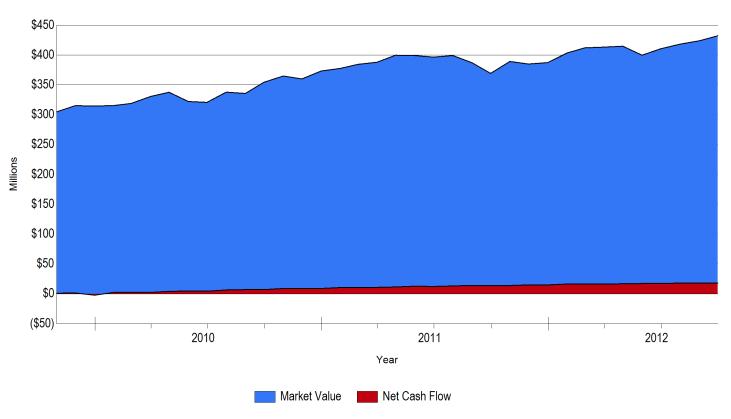


#### **Asset Allocation History**





### Total Fund Asset Growth Summary



	Last Three Months	Year-To-Date	Fiscal Year-To-Date	One Year	Three Years
Beginning Market Value	\$410,567,350	\$387,418,022	\$410,567,350	\$369,307,560	\$306,448,669
- Withdrawals	-\$84,576	-\$40,604,853	-\$84,576	-\$64,295,696	-\$353,224,796
+ Contributions	\$800,079	\$43,669,133	\$800,079	\$68,350,018	\$371,154,960
= Net Cash Flow	\$715,503	\$3,064,280	\$715,503	\$4,054,322	\$17,930,165
+ Net Investment Change	\$21,034,323	\$41,834,873	\$21,034,323	\$58,955,294	\$107,938,342
= Ending Market Value	\$432,317,176	\$432,317,176	\$432,317,176	\$432,317,176	\$432,317,176



### Municipal Composite

# Cash Flows 3 Months Ending September 30, 2012

Month Ending	Beginning Market Value	Withdrawals	Contributions	Net Cash Flow	Net Investment Change	Ending Market Value
Jul-12	\$410,567,350.13	-\$18,757.72	\$800,000.00	\$781,242.28	\$6,935,454.02	\$418,284,046.43
Aug-12	\$418,284,046.43	-\$17,755.55	\$0.00	-\$17,755.55	\$5,620,101.14	\$423,886,392.02
Sep-12	\$423,886,392.02	-\$48,062.82	\$78.69	-\$47,984.13	\$8,478,767.62	\$432,317,175.51

### Total Fund Asset Growth Summary by Manager

#### Quarter Ending September 30, 2012

	Beginning Market Value	Withdrawals	Contributions	Net Cash Flow	Net Investment Change	Ending Market Value
Aberdeen	\$23,698,516	\$0	\$0	\$0	\$1,876,085	\$25,574,601
Acadian	\$16,285,202	\$0	\$0	\$0	\$1,148,636	\$17,433,838
Allianz Structured Alpha	\$11,039,903	\$0	\$0	\$0	\$260,765	\$11,300,668
AQR Global Risk Premium	\$33,159,548	\$0	\$0	\$0	\$2,711,729	\$35,871,277
Barclays TIPS	\$12,480,288	\$0	\$0	\$0	\$264,206	\$12,744,494
Champlain	\$8,577,939	\$0	\$0	\$0	\$319,060	\$8,896,998
GAM	\$3,668,053	\$0	\$0	\$0	\$113,156	\$3,781,209
Grosvenor	\$7,262,861	\$0	\$0	\$0	\$192,542	\$7,455,403
KDP	\$4,124,765	\$0	\$0	\$0	\$159,799	\$4,284,564
Mellon Global Expanded Alpha	\$7,903,421	\$0	\$0	\$0	\$581,776	\$8,485,197
Mondrian	\$15,664,965	\$0	\$800,000	\$800,000	\$981,736	\$17,446,701
Mondrian GFI	\$12,395,277	\$0	\$0	\$0	\$411,708	\$12,806,984
Morgan Stanley Prime Property	\$7,464,205	\$0	\$0	\$0	\$236,876	\$7,701,081
Permal	\$7,342,445	\$0	\$0	\$0	\$270,764	\$7,613,209
PIMCO All Asset	\$23,020,064	\$0	\$0	\$0	\$1,478,066	\$24,498,130
PIMCO Core Plus	\$26,873,885	\$0	\$0	\$0	\$624,622	\$27,498,507
PIMCO Unconstrained	\$26,320,729	\$0	\$0	\$0	\$299,376	\$26,620,104
Post Advisory	\$21,660,445	\$0	\$0	\$0	\$921,439	\$22,581,884
RREEF America REIT III	\$3,032,870	\$0	\$0	\$0	\$230,898	\$3,263,768
Schroder	\$7,650,012	\$0	\$0	\$0	\$797,232	\$8,447,244
SSgA ACWI Ex US	\$7,390,979	\$0	\$0	\$0	\$547,618	\$7,938,597
SSgA Russell 2000 Growth	\$8,617,401	\$0	\$0	\$0	\$415,740	\$9,033,140
SSgA S&P 400	\$2,419,765	\$0	\$0	\$0	\$131,739	\$2,551,504
SSgA S&P 500 Cap-Wgt	\$21,145,697	\$0	\$0	\$0	\$1,346,920	\$22,492,617
SSgA S&P 500 Equal-Wgt	\$12,857,847	\$0	\$0	\$0	\$749,180	\$13,607,027



# Total Fund Asset Growth Summary by Manager

#### Quarter Ending September 30, 2012

	Beginning Market Value	Withdrawals	Contributions	Net Cash Flow	Net Investment Change	Ending Market Value
T. Rowe	\$13,310,297	\$0	\$0	\$0	\$881,549	\$14,191,846
Transwestern / Aslan III	\$81,916	\$0	\$0	\$0	\$0	\$81,916
UBS Trumbull	\$6,970,455	\$0	\$0	\$0	\$175,861	\$7,146,316
Vermont Cash	\$310,979	-\$1,287	\$79	-\$1,208	\$5	\$309,776
Wellington	\$8,799,552	\$0	\$0	\$0	\$399,869	\$9,199,421
Wellington DAS	\$12,017,542	\$0	\$0	\$0	\$82,328	\$12,099,870
Wellington OIF	\$15,936,937	\$0	\$0	\$0	\$856,584	\$16,793,520
Wellington Opportunistic EMD	\$21,082,592	\$0	\$0	\$0	\$1,483,171	\$22,565,763
Total	\$410,567,350	-\$1,287	\$800,079	\$798,792	\$20,951,034	\$432,317,176



	Market Value (\$)	% of Portfolio	2012 Q3 (%)	Rank	YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank
Municipal Composite	432,317,176	100.0	5.1	22	10.8	43	16.1	54	10.5	12	3.1	33
Policy Index			4.5	60	9.0	91	13.8	84	7.9	89	2.7	46
Allocation Index			4.4	64	8.7	94	13.3	92	7.9	89	2.7	46
ICC Public DB Median			4.7		10.5		16.3		9.3		2.5	
Large Cap Comp	50,291,490	11.6	6.3	49	15.9	41	29.9	35	14.0	25	2.2	42
S&P 500			6.4	47	16.4	36	30.2	33	13.2	37	1.1	63
eA US Large Cap Equity Gross Median			6.2		15.1		28.3		12.3		1.7	
T. Rowe	14,191,846	3.3	6.6	39	17.1	28	30.7	28	13.0	40	1.8	48
SSgA S&P 500 Cap-Wgt	22,492,617	5.2	6.4	47	16.5	35	30.3	32				
S&P 500			6.4	47	16.4	36	30.2	33	13.2	37	1.1	63
SSgA S&P 500 Equal-Wgt	13,607,027	3.1	5.8	63	14.0	63	28.6	48	14.0	25	2.7	31
S&P 500 Equal Weighted			5.9	61	14.4	58	28.7	48	14.0	25	3.2	24
Small/Mid Cap Comp	29,681,064	6.9	4.5	71	12.8	54	29.4	48	15.1	41	4.1	40
Russell 2000			5.3	53	14.2	39	31.9	27	13.0	69	2.2	67
eA US Small-Mid Cap Equity Gross Median			5.4		13.1		29.2		14.3		3.2	
SSgA S&P 400	2,551,504	0.6	5.4	39	13.9	47	28.7	37				
S&P 400 MidCap			5.4	39	13.8	47	28.5	38	14.3	42	3.8	35
eA US Mid Cap Equity Gross Median			5.1		13.4		27.0		13.8		3.0	
Champlain	8,896,998	2.1	3.7	83	11.6	71	24.9	70	14.8	35		
Russell 2500			5.6	38	14.3	41	30.9	21	14.1	44	2.8	53
eA US Mid Cap Equity Gross Median			5.1		13.4		27.0		13.8		3.0	
Wellington	9,199,421	2.1	4.5	69	12.4	56	32.5	38	15.8	16	6.1	14
Russell 2000 Value			5.7	47	14.4	35	32.6	38	11.7	77	1.3	86
eA US Small Cap Value Equity Gross Median			5.4		12.8		30.8		13.3		3.5	
SSgA Russell 2000 Growth	9,033,140	2.1	4.8	66	14.2	58	31.2	51	14.3	69	3.0	53
Russell 2000 Growth			4.8	65	14.1	59	31.2	51	14.2	70	3.0	54
eA US Small Cap Growth Equity Gross Median			5.7		14.6		31.3		15.9		3.2	



### Vermont Municipal Employees

	Market Value (\$)	% of Portfolio	2012 Q3 (%)	Rank	YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank
Int'l Equity Comp	42,819,136	9.9	6.7	77	9.0	89	12.4	91	3.2	74	-5.3	81
MSCI EAFE			6.9	70	10.1	78	13.8	80	2.1	88	-5.2	80
eA All EAFE Equity Gross Median			7.6		12.6		16.9		4.9		-3.6	
Acadian	17,433,838	4.0	7.1	63	11.2	68	13.7	80	3.6	69	-7.0	95
Mondrian	17,446,701	4.0	6.0	86	6.1	96	10.0	94	3.0	77	-3.6	51
MSCI EAFE			6.9	70	10.1	78	13.8	80	2.1	88	-5.2	80
SSgA ACWI Ex US	7,938,597	1.8	7.4	49	10.6	78	14.7	84				
MSCI ACWI ex USA			7.4	49	10.4	79	14.5	86	3.2	86	-4.1	82
eA ACWI ex-US All Cap Equity Gross Median			7.4		12.6		18.3		6.5		-2.6	
Emerging Market Comp	25,574,601	5.9	7.9			-						
Aberdeen	25,574,601	5.9	7.9	41	18.6	7	24.7	4	13.9	4		
MSCI Emerging Markets			7.7	45	12.0	63	16.9	62	5.6	64	-1.3	61
eA Emg Mkts Equity Gross Median			7.7		13.0		18.1		6.7		-0.6	



### Vermont Municipal Employees

Diversified Fixed   T7,519,150   17,9   1.7   84   6.2   27   9.1   9   8.6   10   5.8   92     Barclays Aggregate   1.6   67   4.0   90   5.2   89   6.2   83   6.5   63     AUS Core Fixed Inc Gross Median   11,300,668   2.6   2.4   33   10.3   1   23.1   1   11.5   2   -   -     Allianz Structured Alpha   11,300,668   2.6   2.4   33   10.3   1   23.1   1   11.5   2   -   -     Colligroup 10 Year Treasury   9.9   4.4   81   5.6   62   8.4   13   8.5   6.6     PIMCO Core Plus   27,495,507   6.4   2.3   35   6.8   14   8.4   14   7.9   2.1   -   -     Barclays Aggregate   7.6   6.2   7.1   9.8   8.6   6.2   8.4   13   8.5   6.8     BiMCO Unconstrained   26,620,104   6.2   1.1   96   3.9   91   5.3   86   -   -   -   -     25% FM, 25% EMD, 30% BC Agg   3.6   3   8.7   3   12.4   1   9.4   4   8.4   9.3     3.4 Month Libor Total Return USD   9.9   4.1   9.9   6.3   2.5   7.5   33   10.7   2   -     Wellington DAS   12,099,870   2.8   0.7   99   6.3   2.5   7.5   33   10.7   2   -     Wellington Custom Benchmark   0.3   99   4.1   87   6.0   74   11.8   2   9.9   1     High Yield Comp   26,866,449   6.2   4.5   41   12.1   42   19.4   30   12.9   40   9.3   3     Bardays High Yield   4.5   41   12.1   42   19.4   30   12.9   40   9.3   3     Bardays High Yield Rogoss Median   4.5   41   11.7   53   17.5   70   12.2   62   9.1   42     Bardays Fligh Yield Ba-B Rated   4.5   41   12.1   42   19.4   30   12.9   40   9.3   3     Bardays Fligh Yield Ba-B Rated   4.5   43   11.3   6.3   17.8   66   12.0   67   8.3   6.2     Bardays Fligh Yield Ba-B Rated   4.5   43   11.3   6.3   17.8   66   12.0   67   8.3   6.2     Bardays Fligh Fixed Incores Median   4.5   41   12.1   42   19.4   30   12.9   40   9.3   3     Bardays Fligh Fixed Incores Median   4.5   43   11.3   6.3   17.5   70   12.2   62   9.1   42     Bardays Fligh Fixed Incores Median   4.5   43   11.3   6.3   17.5   70   12.2   62   9.1   42     Bardays Fligh Fixed Incores Median   4.5   43   11.3   6.3   6.3   6.3   6.5   6.3     Bardays Fligh Fixed Inc Gross M		Market Value (\$)	% of Portfolio	2012 Q3 (%)	Rank	YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank
Part	Diversified Fixed	77,519,150	17.9	1.7	84	6.2	27	9.1	9	8.6	10	5.8	
Allianz Structured Alpha					87		90		89		83		83
Citigroup 10 Year Treasury   0.9 99 4.4 81 5.6 82 8.4 13 8.5 6												7.2	
PIMCO Core Plus   27,498,507   6.4   2.3   3.5   6.8   14   8.4   14   7.9   21	·	11,300,668	2.6				•	-	•				
PIMCO Unconstrained   26,620,104   6.2   1.1   96   3.9   91   5.3   86							• •					8.5	
PINICO Unconstrained   26,620,104   6.2   1.1   96   3.9   91   5.3   86           25% FMV, 25% EMD, 50% BCAgg   3.6   3.8   7.3   12.4   1   9.4   4   8.4   8.4   8.3   9.4   9.5   9.		27,498,507	6.4										
25% HY, 25% EMD, 50% BC Agg   3.6   3   8.7   3   12.4   1   9.4   4   8.4   9							90			6.2	83	6.5	83
3-Month Libor Total Return USD   12,099,870   2.8   0.7   99   6.3   25   7.5   33   10.7   2		26,620,104	6.2				91		86				
Wellington DAS   12,099,870   2.8   0.7   99   6.3   25   7.5   33   10.7   2	25% HY, 25% EMD, 50% BC Agg			3.6	3	8.7	3	12.4	1	9.4	4	8.4	
Wellington Custom Benchmark   0.3 99 4.1 87 6.0 74 11.8 2 9.9 1	3-Month Libor Total Return USD			0.1	99	0.4	99	0.5	99	0.4	99	1.2	99
High Yield Comp   26,866,449   6.2   4.2   67   11.4   59   17.5   70   12.0   68   8.9   46     Barclays High Yield Fixed Inc Gross Median   4.4   11.8   18.5   12.6   8.7     Post Advisory   22,581,884   5.2   4.3   61   11.7   53   17.5   70   12.2   62   9.1   42     KDP   4,284,564   1.0   3.9   81   9.9   83   17.5   70   12.2   62   9.1   42     Barclays High Yield BB-B Rated   4.5   41   12.1   42   19.4   30   12.9   40   9.3   34     BofA Merrill Lynch US High Yield BB-B Rated   4.5   41   12.1   42   19.4   30   12.9   40   9.3   34     BofA Merrill Lynch US High Yield BB-B Rated   4.5   41   12.1   42   19.4   30   12.9   40   9.3   34     BofA Merrill Lynch US High Yield BB-B Rated   4.5   48   11.3   63   17.8   66   12.0   67   8.3   62     Global Fixed Income Comp   12,806,984   3.0   3.3   72   6.7   53   7.2   59   8.3   31   8.8   18     Citigroup WGBI   3.0   79   3.4   91   3.3   92   4.3   91   6.5   63     Earlays High Yield BB-B Rated   3.0   79   3.4   91   3.3   92   4.3   91   6.5   63     Earlays High Yield BB-B Rated   3.0   79   3.4   91   3.3   92   4.3   91   6.5   63     Earlays High Yield BB-B Rated   3.0   79   3.4   91   3.3   92   4.3   91   6.5   63     Earlays High Yield BB-B Rated   3.0   79   3.4   91   3.3   92   4.3   91   6.5   63     Earlays High Yield BB-B Rated   3.0   79   3.4   91   3.3   92   4.3   91   6.5   63     Earlays High Yield BB-B Rated   3.0   79   3.4   91   3.3   92   4.3   91   6.5   63     Earlays High Yield BB-B Rated   3.0   79   3.4   91   3.3   92   4.3   91   6.5   63     Earlays High Yield BB-B Rated   3.0   3.3   72   5.1   75   4.9   81   6.3   61   8.6   21     Earlays High Yield BB-B Rated   3.0   3.3   72   5.1   75   4.9   81   6.3   61   8.6   21     Earlays High Yield BB-B Rated   3.0   3.3   72   5.1   75   4.9   81   6.3   61   8.6   21     Earlays High Yield BB-B Rated   3.0   3.3   72   5.1   75   4.9   81   6.3   61   8.6   21     Earlays High Yield BB-B Rated   3.0   3.3   72   5.1   75   4.9   81   6.3   61   8.6   6.9     Ea	Wellington DAS	12,099,870	2.8	0.7	99	6.3	25	7.5	33	10.7	2		
Barclays High Yield	Wellington Custom Benchmark			0.3	99	4.1	87	6.0	74	11.8	2	9.9	1
Barclays High Yield	High Yield Comp	26,866,449	6.2	4.2	67	11.4	59	17.5	70	12.0	68	8.9	46
Post Advisory	Barclays High Yield			4.5	41	12.1	42	19.4	30	12.9	40	9.3	
KDP   4,284,564   1.0   3.9   81   9.9   83   17.1   71   10.3   92	eA US High Yield Fixed Inc Gross Median			4.4		11.8		18.5		12.6		8.7	
Barclays High Yield       4.5       41       12.1       42       19.4       30       12.9       40       9.3       34         BofA Merrill Lynch US High Yield BB-B Rated       4.5       48       11.3       63       17.8       66       12.0       67       8.3       62         Global Fixed Income Comp       12,806,984       3.0       3.3       72       6.7       53       7.2       59       8.3       31       8.8       18         Citigroup WGBI       3.0       79       3.4       91       3.3       92       4.3       91       6.5       63         Mondrian GFI       12,806,984       3.0       3.0       79       3.4       91       3.3       92       4.3       91       6.5       63         Emerging Market Debt       22,565,763       5.2       5.2       7.0       32       15.7       34       21.0       35	Post Advisory	22,581,884	5.2	4.3	61	11.7	53	17.5	70	12.2	62	9.1	42
BofA Mertill Lynch US High Yield BB-B Rated   4.5   48   11.3   63   17.8   66   12.0   67   8.3   62	KDP	4,284,564	1.0	3.9	81	9.9	83	17.1	71	10.3	92		
BofA Mertill Lynch US High Yield BB-B Rated   4.5   48   11.3   63   17.8   66   12.0   67   8.3   62	Barclays High Yield			4.5	41	12.1	42	19.4	30	12.9	40	9.3	34
Citigroup WGBI   3.0   7.0	BofA Merrill Lynch US High Yield BB-B Rated			4.5	48	11.3	63	17.8	66	12.0	67	8.3	
Citigroup WGBI       3.0       79       3.4       91       3.3       92       4.3       91       6.5       63         eA All Global Fixed Inc Gross Median       3.9       7.2       8.0       6.9       6.9       6.9         Mondrian GFI       12,806,984       3.0       3.3       72       5.1       75       4.9       81       6.3       61       8.6       21         Citigroup WGBI       20,00       79       3.4       91       3.3       92       4.3       91       6.5       63         Emerging Market Debt       22,565,763       5.2       5.2       7.0       32       15.7       34       21.0       35 <td>· · ·</td> <td>12,806,984</td> <td>3.0</td> <td>3.3</td> <td>72</td> <td>6.7</td> <td>53</td> <td>7.2</td> <td>59</td> <td>8.3</td> <td>31</td> <td>8.8</td> <td></td>	· · ·	12,806,984	3.0	3.3	72	6.7	53	7.2	59	8.3	31	8.8	
Second Registrate   10	•	•		3.0	79		91	3.3			91		63
Mondrian GFI       12,806,984       3.0       3.3       72       5.1       75       4.9       81       6.3       61       8.6       21         Citigroup WGBI       3.0       79       3.4       91       3.3       92       4.3       91       6.5       63         Emerging Market Debt       22,565,763       5.2       5.2       7.0       32       15.7       34       21.0       35	• •			3.9		7.2		8.0					
Citigroup WGBI       3.0       79       3.4       91       3.3       92       4.3       91       6.5       63         Emerging Market Debt       22,565,763       5.2       7.0       32       15.7       34       21.0       35  <	Mondrian GFI	12.806.984	3.0		72		75	4.9	81		61		21
Emerging Market Debt         22,565,763         5.2           Wellington Opportunistic EMD         22,565,763         5.2         7.0         32         15.7         34         21.0         35  <		1_,000,000											
Wellington Opportunistic EMD       22,565,763       5.2       7.0       32       15.7       34       21.0       35	<u> </u>	22.565.763	5.2										
JP Morgan EMBI Global TR       6.8       39       14.7       45       20.6       36       12.3       48       10.3       46         eA All Emg Mkts Fixed Inc Gross Median       6.5       14.5       19.1       12.2       10.2         TIPS       12,744,494       2.9       2.1        6.2        9.0   <				7.0	32	15.7	34	21.0	35			-	
eA All Emg Mkts Fixed Inc Gross Median       6.5       14.5       19.1       12.2       10.2         TIPS       12,744,494       2.9       2.1        6.2        9.0	•	,000,00								12.3	48	10.3	
TIPS         12,744,494         2.9           Barclays TIPS         12,744,494         2.9         2.1          6.2          9.0	•				-								
Barclays TIPS 12,744,494 2.9 2.1 6.2 9.0		12.744 494	2.9	0.0		7 7.0		10.1		12.2		10.2	
				21		6.2		9.0					
	•	12,177,707	2.3										

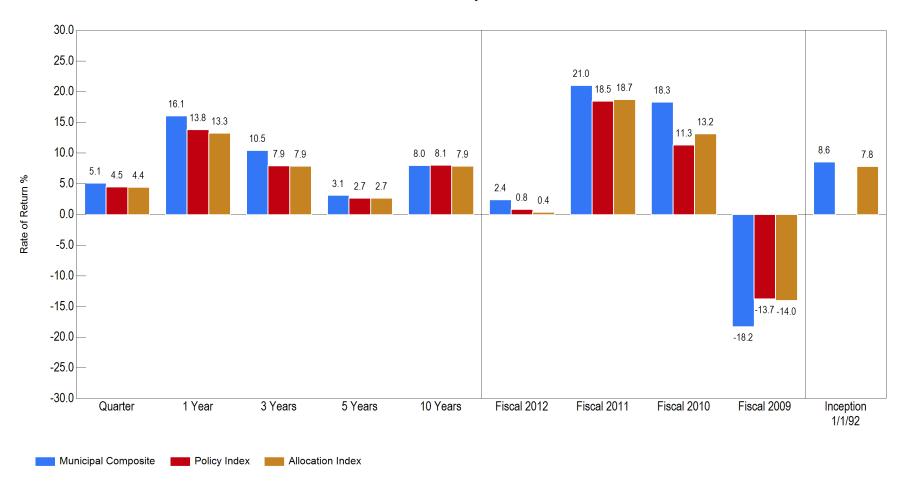


	Market Value (\$)	% of Portfolio	2012 Q3 (%)	Rank	YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank
Total Real Estate	18,193,081	4.2										
Morgan Stanley Prime Property	7,701,081	1.8	3.5		9.3		13.0		13.0		-0.9	
UBS Trumbull	7,146,316	1.7	2.5		8.0		10.5		11.5		0.9	
RREEF America REIT III	3,263,768	0.8	7.8		21.3		22.9		21.1		-15.5	
Transwestern / Aslan III	81,916	0.0	0.0		1.3		-8.3		-22.4	-	-45.7	
NCREIF Property Index			2.3		7.8		11.0		10.9		2.3	
NCREIF ODCE			2.8		8.4		11.6		12.2		-1.1	
Hedge Fund Comp	18,849,820	4.4	3.2	22	6.5	19	6.8	26			-	
eA HFN FOF - Multi-Strategy Net Median			2.3		4.3		4.5		2.9		0.4	
Grosvenor	7,455,403	1.7	2.7	38	5.8	27	6.3	30			-	
GAM	3,781,209	0.9	3.1	23	5.9	26	6.5	29				
Permal	7,613,209	1.8	3.7	13	7.4	9	7.4	21				
HFRI Fund of Funds Composite Index			2.4	47	3.4	63	2.9	60	1.5	69	-1.6	80
GAA Comp	85,648,124	19.8	7.1	6	12.7	8	17.6	22	11.6	13	5.1	35
eA Global TAA Gross Median			4.7		8.8		12.6		7.8		4.0	
Mellon Global Expanded Alpha	8,485,197	2.0	7.4	6	10.6	25	17.5	22	9.8	24	0.9	86
Mellon CF GEA Index			5.7	26	8.2	58	11.5	55	5.0	81	1.0	85
AQR Global Risk Premium	35,871,277	8.3	8.2	1	13.8	1	19.2	13	16.6	2		
60% MSCI World / 40% CITI WGBI			5.3	35	9.6	38	14.7	38	6.9	64	2.1	76
PIMCO All Asset	24,498,130	5.7	6.7	10	13.0	3	18.1	20	11.1	15	7.6	8
PIMCO All Asset Index			2.9	83	7.2	64	10.8	67	8.5	33	6.9	15
CPI + 5%			2.5	84	5.7	75	7.1	78	7.4	54	7.2	13
Wellington OIF	16,793,520	3.9	5.4	33	11.2	23	14.0	43	6.4	74		
65% MSCI ACWI (Net) / 35% BC Agg			5.0	40	9.9	35	15.6	32	7.3	56	1.4	83
Commodities	8,447,244	2.0										
Schroder	8,447,244	2.0	10.4		6.7		8.1					
Dow Jones-UBS Commodity Index TR			9.7		5.6		6.0		5.3		-3.0	
Cash	309,776	0.1										
Vermont Cash	309,776	0.1	0.0		0.1		0.1		0.2		1.0	
91 Day T-Bills			0.0		0.1		0.1		0.1		0.5	



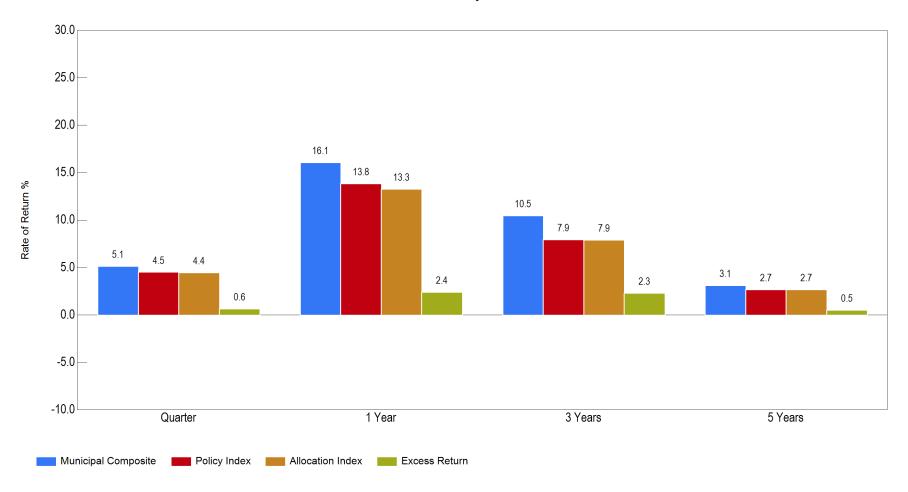
### Total Fund Return Summary

#### **Return Summary Gross**

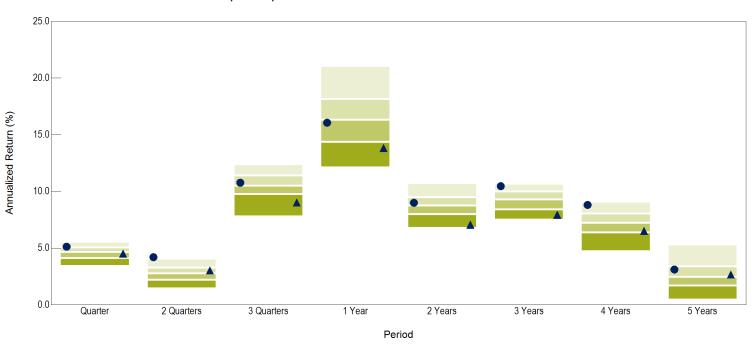




#### **Return Summary Gross**



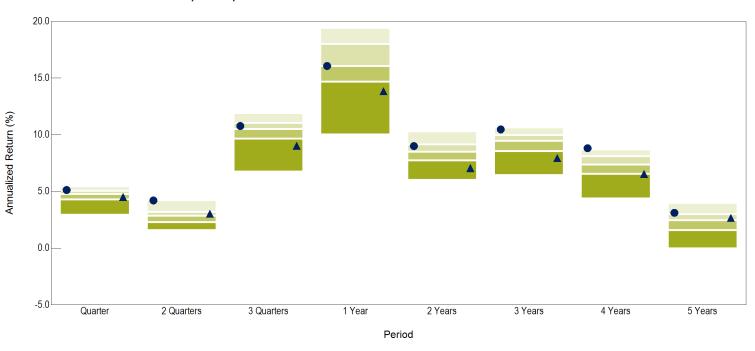
#### Municipal Composite vs. ICC Public DB



	Return (Rank)								
5th Percentile	5.6	4.0	12.4	21.0	10.7	10.7	9.1	5.3	
25th Percentile	5.1	3.3	11.4	18.2	9.5	10.0	8.1	3.4	
Median	4.7	2.8	10.5	16.3	8.8	9.3	7.2	2.5	
75th Percentile	4.1	2.2	9.8	14.4	8.0	8.4	6.4	1.7	
95th Percentile	3.4	1.5	7.8	12.1	6.8	7.5	4.7	0.5	
# of Portfolios	116	114	114	114	111	109	107	104	
Municipal Composite	5.1 (2	2) 4.2	(4) 10.8	(43) 16.1	(54) 9.0	(45) 10.5	(12) 8.8	(8) 3.1	(33)
Policy Index	4.5 (6	0) 3.0	(42) 9.0	(91) 13.8	(84) 7.1	(90) 7.9	(89) 6.5		(46)



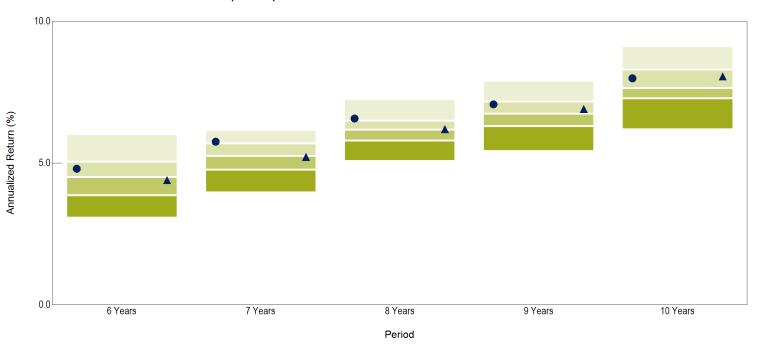
#### Municipal Composite vs. IF Public DB > \$250mm Gross



	Return (Rank)								
5th Percentile	5.4	4.2	11.9	19.4	10.3	10.6	8.7	4.0	
25th Percentile	5.1	3.2	11.1	18.0	9.2	10.0	8.1	3.0	
Median	4.8	2.9	10.5	16.1	8.5	9.5	7.4	2.5	
75th Percentile	4.3	2.3	9.7	14.7	7.8	8.6	6.6	1.6	
95th Percentile	3.0	1.6	6.8	10.0	6.0	6.5	4.4	0.0	
# of Portfolios	62	62	62	62	57	57	57	55	
Municipal Composite	5.1	(19) 4.2	(7) 10.8	(40) 16.1	(53) 9.0	(34) 10.5	(11) 8.8	(1) 3.1	(21)
Policy Index	4.5	(67) 3.0	(43) 9.0	(86) 13.8	(81) 7.1	(90) 7.9	(90) 6.5	(77) 2.7	(48)



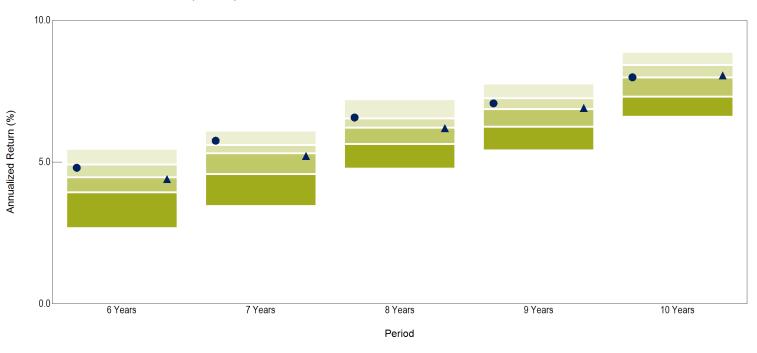
#### Municipal Composite vs. ICC Public DB



		Return (Rank)						
	5th Percentile	6.0		6.2	7.3		7.9	9.1
	25th Percentile	5.1		5.7	6.5		7.2	8.3
	Median	4.5		5.3	6.2		6.7	7.6
	75th Percentile	3.9		4.8	5.8		6.3	7.3
	95th Percentile	3.1		4.0	5.1		5.4	6.2
	# of Portfolios	103		102	99		97	94
•	Municipal Composite	4.8	(35)	5.8	(22) 6.6	(22)	7.1 (32)	8.0 (38)
•	Policy Index	4.4	(58)	5.2	(53) 6.2	(50)	6.9 (41)	8.1 (34)



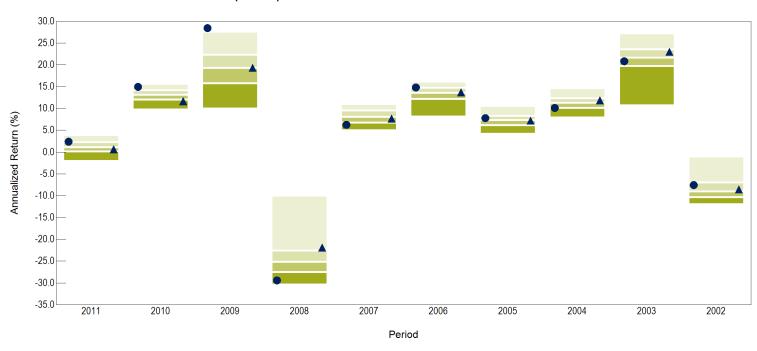
#### Municipal Composite vs. IF Public DB > \$250mm Gross



	Return (Rank)				
5th Percentile	5.5	6.1	7.2	7.8	8.9
25th Percentile	4.9	5.6	6.5	7.3	8.4
Median	4.5	5.3	6.2	6.9	8.0
75th Percentile	3.9	4.6	5.6	6.3	7.3
95th Percentile	2.7	3.5	4.8	5.4	6.6
# of Portfolios	55	54	53	53	53
Municipal Composite	4.8 (36)	5.8 (16)	6.6 (24)	7.1 (39)	8.0 (51)
Policy Index	4.4 (56)	5.2 (55)	6.2 (54)	6.9 (50)	8.1 (46)



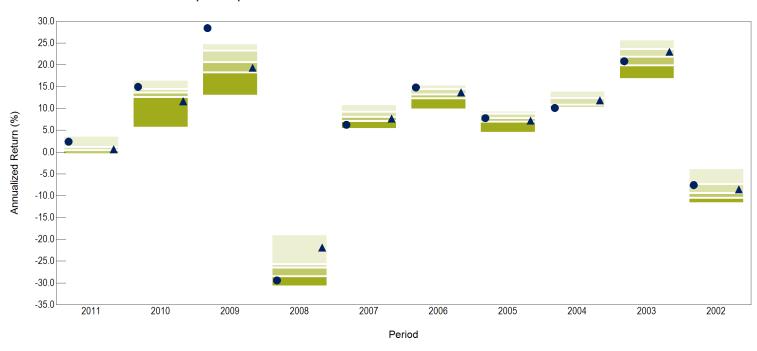
#### Municipal Composite vs. ICC Public DB



	Return (Rank)									
5th Percentile	3.9	15.6	27.5	-10.0	11.0	16.1	10.5	14.6	27.2	-1.0
25th Percentile	2.3	14.2	22.3	-22.6	9.6	14.8	8.4	12.4	23.6	-6.9
Median	1.1	13.2	19.4	-25.1	8.1	13.6	7.4	11.4	21.7	-9.0
75th Percentile	0.2	12.1	15.8	-27.4	6.8	12.2	6.2	10.1	19.8	-10.3
95th Percentile	-2.0	9.8	10.1	-30.3	5.1	8.2	4.3	8.0	10.7	-11.9
# of Portfolios	146	144	144	141	140	139	137	133	132	129
Municipal Composite	2.4 (21)	14.9 (14)	28.4 (3)	-29.4 (90	) 6.3 (85)	14.8 (24)	7.8 (37)	10.1 (76)	20.8 (65	5) -7.6 (34)
Policy Index	0.6 (70)	11.7 (82)	19.3 (51)	-21.9 (23	7.7 (56)	13.7 (48)	7.2 (55)	11.9 (34)	23.0 (37	-8.5 (47)



#### Municipal Composite vs. IF Public DB > \$250mm Gross



	Return (Rank)									
5th Percentile	3.7	16.5	24.9	-18.9	10.9	15.5	9.5	14.1	25.8	-3.7
25th Percentile	1.2	14.5	23.3	-25.7	9.3	14.5	8.8	12.4	23.7	-7.3
Median	0.5	13.7	20.7	-26.4	8.1	13.2	7.8	10.9	21.9	-9.3
75th Percentile	-0.5	12.7	18.3	-28.4	7.2	12.3	7.0	10.2	19.9	-10.4
95th Percentile	-0.9	5.6	13.0	-30.7	5.4	9.8	4.5	9.8	16.8	-11.7
# of Portfolios	21	19	19	19	18	17	17	17	17	17
Municipal Composite	2.4 (19)	14.9 (19)	28.4 (1)	-29.4 (88)	6.3 (89)	14.8 (13)	7.8 (54)	10.1 (88)	20.8 (67	7) -7.6 (34)
Policy Index	0.6 (44)	11.7 (90)	19.3 (64)	-21.9 (11)	7.7 (64)	13.7 (47)	7.2 (72)	11.9 (31)	23.0 (31	) -8.5 (41)



# Municipal Composite vs. ICC Public DB 3 Years



# Municipal Composite vs. IF Public DB > \$250mm Gross 3 Years



# Municipal Composite vs. ICC Public DB 5 Years

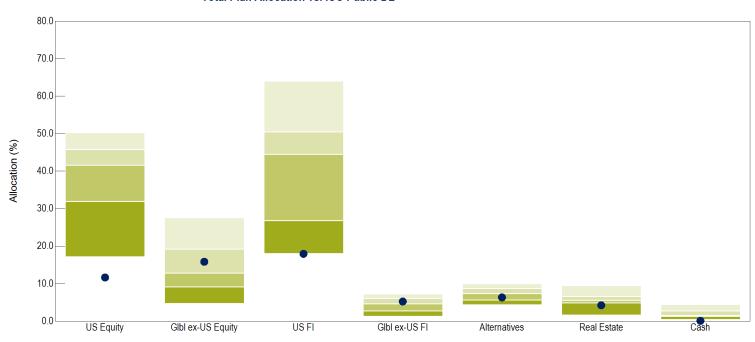


# Municipal Composite vs. IF Public DB > \$250mm Gross 5 Years

**Anizd Return Anizd Standard Deviation** Anizd Alpha **Sharpe Ratio** Sortino Ratio RF **Tracking Error** 5.0 9.0 2.0 0.6 0.7 0.0 0.6 0.5 10.0 4.0 1.0 1.0 0.5 0.4 0.4 3.0 11.0 2.0 0.3 0.3 0.0 3.0 2.0 12.0 0.2 0.2 0.1 -1.0 0.1 13.0 1.0 4.0 0.0 0.0 -2.0 -0.1 0.0 14.0 5.0 -0.1 -0.2 15.0 -3.0 -0.2 -0.3 -1.0 6.0 Municipal Composite Municipal Composite Municipal Composite Municipal Composite Municipal Composite Municipal Composite Value 3.11 Value 13.52 Value 0.19 Value 0.23 Value 2.77 Value 0.03 %tile %tile 75 %tile 34 %tile 37 %tile 36 %tile 43 ▲ Policy Index ▲ Policy Index Policy Index ▲ Policy Index ▲ Policy Index ▲ Policy Index Value 2.67 Value 11.57 Value 0.00 Value 0.19 Value 0.24 Value 0.00 40 %tile 48 %tile 26 %tile 36 %tile %tile 33 %tile Universe Universe Universe Universe Universe Universe 5th %tile 3.98 5th %tile 9.52 5th %tile 5th %tile 0.30 5th %tile 0.40 5th %tile 2.11 1.49 25th %tile 3.02 25th %tile 11.48 25th %tile 0.25 25th %tile 0.24 25th %tile 0.26 25th %tile 2.43 2.47 2.88 Median Median 12.88 Median -0.42 Median 0.16 Median 0.20 Median 75th %tile 1.59 75th %tile 13.53 75th %tile -1.25 75th %tile 0.07 75th %tile 0.11 75th %tile 3.27 95th %tile -2.66 5.22 95th %tile -0.02 95th %tile 14.18 95th %tile -0.04 95th %tile -0.06 95th %tile

### Total Fund Allocations vs. Peer Universe

#### Total Plan Allocation vs. ICC Public DB



5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
# of Portfolios

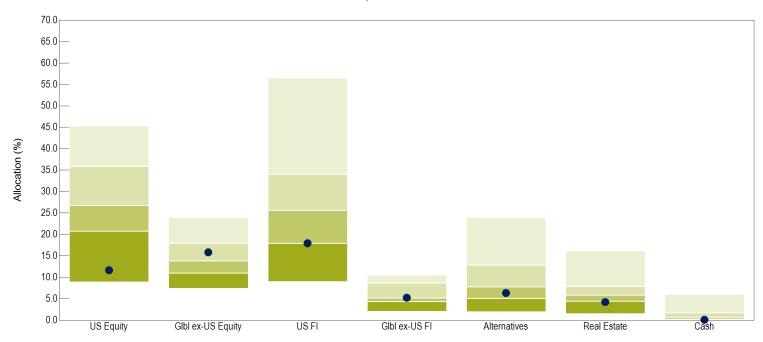
Municipal Composite

Allocation (Ran	k)												
50.3		27.6		64.1		7.2		9.9		9.5		4.5	
45.8		19.3		50.5		6.1		8.8		6.7		2.8	
41.7		12.9		44.5		4.7		7.4		5.6		1.6	
32.0		9.2		26.9		2.8		5.7		4.9		1.3	
17.3		4.8		18.1		1.3		4.4		1.7		0.5	
17		15		18		3		3		8		14	
11.6	(99)	15.8	(41)	17.9	(96)	5.2	(41)	6.3	(67)	4.2	(83)	0.1	(99)



### Total Fund Allocations vs. Peer Universe

Total Plan Allocation vs. IF Public DB > \$250mm Gross



5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
# of Portfolios

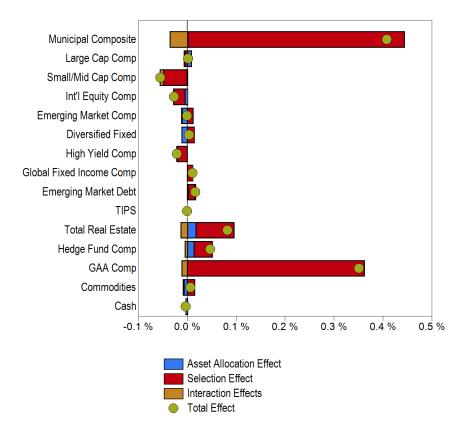
Municipal Composite

Allocation (Ran	k)												
45.3		23.9		56.5		10.5		23.9		16.2		6.0	
35.9		18.0		34.1		8.7		12.9		7.9		1.7	
26.8		13.8		25.7		5.2		7.8		5.9		0.7	
20.9		11.1		18.0		4.4		5.1		4.5		0.2	
8.9		7.4		9.0		2.1		2.0		1.6		0.0	
40		43		31		12		38		30		32	
11.6	(88)	15.8	(36)	17.9	(77)	5.2	(46)	6.3	(65)	4.2	(80)	0.1	(91)



### Total Fund Attribution Analysis

Attribution Effects Relative to Policy Index 3 Months Ending September 30, 2012



# Attribution Summary 3 Months Ending September 30, 2012

	Actual Return	Target Return	Relative Return	Selection Effect	Asset Allocation Effect	Interaction Effects	Total Effects
Large Cap Comp	6.3%	6.4%	-0.1%	0.0%	0.0%	0.0%	0.0%
Small/Mid Cap Comp	4.5%	5.3%	-0.8%	0.0%	0.0%	0.0%	-0.1%
Int'l Equity Comp	6.7%	6.9%	-0.2%	0.0%	0.0%	0.0%	0.0%
<b>Emerging Market Comp</b>	7.9%	7.7%	0.2%	0.0%	0.0%	0.0%	0.0%
Diversified Fixed	1.7%	1.6%	0.1%	0.0%	0.0%	0.0%	0.0%
High Yield Comp	4.2%	4.5%	-0.3%	0.0%	0.0%	0.0%	0.0%
Global Fixed Income Comp	3.3%	3.0%	0.3%	0.0%	0.0%	0.0%	0.0%
Emerging Market Debt	7.0%	6.8%	0.3%	0.0%	0.0%	0.0%	0.0%
TIPS	2.1%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Real Estate	3.8%	2.3%	1.5%	0.1%	0.0%	0.0%	0.1%
Hedge Fund Comp	3.2%	2.4%	0.7%	0.0%	0.0%	0.0%	0.0%
GAA Comp	7.1%	5.3%	1.8%	0.4%	0.0%	0.0%	0.4%
Commodities	10.4%	9.7%	0.7%	0.0%	0.0%	0.0%	0.0%
Cash	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	5.1%	4.7%	0.4%	0.4%	0.0%	0.0%	0.4%

### Total Fund Attribution Analysis

#### **Performance Attribution**

	Last 3 Mo.	YTD	Fiscal YTD	1 Yr
Municipal Composite Return	5.1%		5.1%	
Policy Benchmark *	4.7%		4.7%	
Excess Return	0.4%		0.4%	
Selection Effect	0.4%		0.4%	
Asset Allocation Effect	0.0%		0.0%	
Interaction Effect	0.0%		0.0%	
Asset Class Returns				
Municipal Composite	5.1%	10.8%	5.1%	16.1%
Large Cap Comp	6.3%	15.9%	6.3%	29.9%
Small/Mid Cap Comp	4.5%	12.8%	4.5%	29.4%
Int'l Equity Comp	6.7%	9.0%	6.7%	12.4%
Emerging Market Comp	7.9%	18.6%	7.9%	24.7%
Diversified Fixed	1.7%	6.2%	1.7%	9.1%
High Yield Comp	4.2%	11.4%	4.2%	17.5%
Global Fixed Income Comp	3.3%	6.7%	3.3%	7.2%
Emerging Market Debt	7.0%	15.7%	7.0%	21.0%
TIPS	2.1%	6.2%	2.1%	9.0%
Total Real Estate	3.8%	10.7%	3.8%	13.5%
Hedge Fund Comp	3.2%	6.5%	3.2%	6.8%
GAA Comp	7.1%	12.7%	7.1%	17.6%
Commodities	10.4%	6.7%	10.4%	8.1%
Cash	0.0%	0.1%	0.0%	0.1%
Eqty Composite				
Mrs Re Comp CL "Calculated from penchmark returns and weightings of each component."				

<sup>\*</sup>Calculated from benchmark returns and weightings of each component



### Total Fund Risk Statistics

					ouro Erram	g coptombo	00, 20.2						
	% 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%	10.46%	12	8.88%	40	2.37%	11	1.17	21	1.81	19	0.81%	1
Policy Index		7.93%	89	8.68%	34	0.00%	77	0.90	74	1.48	71	0.00%	1
Large Cap Comp	11.63%	14.02%	25	16.45%	57	0.11%	34	0.85	33	1.45	32	1.38%	1
S&P 500		13.20%	37	15.58%	34	0.00%	36	0.84	34	1.47	29	0.00%	1
Small/Mid Cap Comp	6.87%	15.06%	41	18.61%	33	3.74%	41	0.81	39	1.48	31	3.26%	2
Russell 2000		12.99%	69	21.28%	79	0.00%	78	0.61	77	1.08	75	0.00%	1
Int'l Equity Comp	9.90%	3.25%	74	18.09%	18	1.30%	72	0.18	71	0.26	72	2.28%	10
MSCI EAFE		2.12%	88	19.60%	56	0.00%	87	0.10	87	0.16	87	0.00%	1
Emerging Market Comp	5.92%												
MSCI Emerging Markets											-		
Diversified Fixed	17.93%	8.56%	10	3.08%	86	2.77%	15	2.75	36	6.39	20	1.77%	87
Barclays Aggregate		6.19%	83	2.70%	60	0.00%	84	2.26	80	3.26	84	0.00%	1
High Yield Comp	6.21%	11.96%	68	5.92%	25	1.65%	29	2.01	29	3.09	30	1.79%	63
Barclays High Yield		12.90%	40	7.31%	70	0.00%	69	1.75	66	2.63	60	0.00%	1
Global Fixed Income Comp	2.96%	8.29%	31	6.21%	45	4.52%	43	1.32	41	1.81	42	2.50%	17
Citigroup WGBI		4.29%	91	6.55%	55	0.00%	95	0.64	89	0.73	91	0.00%	1
Emerging Market Debt	5.22%												
JP Morgan EMBI Global TR													
TIPS	2.95%												
Barclays US TIPS													
Total Real Estate	4.21%												
NCREIF Property Index											-		
Hedge Fund Comp	4.36%												
HFRI Fund of Funds Composite Index													
GAA Comp	19.81%	11.55%	13	9.11%	44	6.72%	18	1.26	15	1.87	22	3.97%	23
60% MSCI ACWI (Net)/40% CITI WGBI	-	6.40%	74	11.55%	76	0.00%	80	0.55	68	0.84	70	0.00%	1
Commodities	1.95%												
Dow Jones-UBS Commodity Index TR	-	-	-				-	-			-	-	
Cash	0.07%												
91 Day T-Bills						-					-		



### Total Fund Risk Statistics

					ouro Erram	ig coptombol	00, 20.2						
	% 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%	3.11%	33	13.52%	76	0.11%	38	0.19	38	0.23	43	2.77%	38
Policy Index		2.67%	46	11.57%	42	0.00%	40	0.19	40	0.24	42	0.00%	1
Large Cap Comp	11.63%	2.15%	42	21.12%	81	1.05%	43	0.08	44	0.11	44	2.88%	9
S&P 500		1.05%	63	19.13%	45	0.00%	63	0.03	63	0.04	62	0.00%	1
Small/Mid Cap Comp	6.87%	4.12%	40	23.27%	49	2.02%	39	0.16	39	0.22	39	2.95%	1
Russell 2000		2.21%	67	24.75%	72	0.00%	71	0.07	69	0.10	69	0.00%	1
Int'l Equity Comp	9.90%	-5.29%	81	22.43%	26	-0.34%	87	-0.26	87	-0.35	83	2.39%	6
MSCI EAFE		-5.24%	80	23.52%	45	0.00%	82	-0.24	83	-0.35	82	0.00%	1
Emerging Market Comp	5.92%												
MSCI Emerging Markets													
Diversified Fixed	17.93%	5.79%	92	6.73%	98	-2.21%	99	0.78	99	0.73	99	5.13%	97
Barclays Aggregate		6.53%	83	3.57%	31	0.00%	79	1.69	57	2.65	40	0.00%	1
High Yield Comp	6.21%	8.92%	46	10.25%	21	2.26%	23	0.82	22	0.73	46	5.16%	70
Barclays High Yield		9.34%	34	14.13%	90	0.00%	82	0.62	78	0.65	72	0.00%	1
Global Fixed Income Comp	2.96%	8.80%	18	8.16%	50	2.94%	43	1.02	33	1.44	27	4.27%	31
Citigroup WGBI		6.45%	63	7.77%	42	0.00%	80	0.76	56	1.15	48	0.00%	1
Emerging Market Debt	5.22%												
JP Morgan EMBI Global TR													
TIPS	2.95%												
Barclays US TIPS													
Total Real Estate	4.21%												
NCREIF Property Index													
Hedge Fund Comp	4.36%												
HFRI Fund of Funds Composite Index													
GAA Comp	19.81%	5.15%	35	13.48%	60	3.48%	43	0.34	44	0.40	47	4.15%	17
60% MSCI ACWI (Net)/40% CITI WGBI	-	1.79%	80	14.31%	68	0.00%	80	0.09	80	0.12	80	0.00%	1
Commodities	1.95%												
Dow Jones-UBS Commodity Index TR	-	-	-				-			-	_		
Cash	0.07%												
91 Day T-Bills				-		-	-				-		



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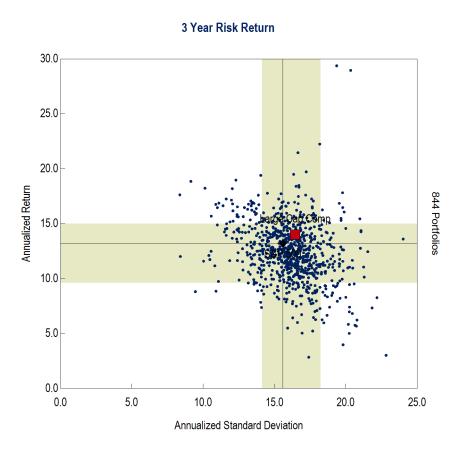


#### 3 Years Ending September 30, 2012

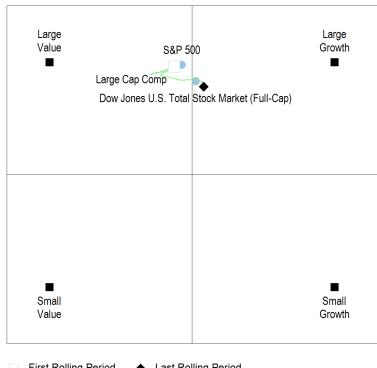
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank	Tracking Error	Rank
Large Cap Comp	11.63%	14.02%	25	16.45%	57	0.11%	34	0.85	33	1.45	32	1.38%	1
S&P 500		13.20%	37	15.58%	34	0.00%	36	0.84	34	1.47	29	0.00%	1
T. Rowe	3.28%	12.97%	40	15.93%	43	-0.51%	42	0.81	40	1.38	39	0.95%	1
S&P 500		13.20%	37	15.58%	34	0.00%	36	0.84	34	1.47	29	0.00%	1
SSgA S&P 500 Cap-Wgt	5.20%												
S&P 500													
SSgA S&P 500 Equal-Wgt	3.15%	14.05%	25	17.81%	83	-0.12%	49	0.78	46	1.44	33	0.32%	1
S&P 500 Equal Weighted		14.04%	25	17.65%	81	0.00%	47	0.79	45	1.43	34	0.00%	1

#### 5 Years Ending September 30, 2012

						0 1	,						
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank	Tracking Error	Rank
Large Cap Comp	11.63%	2.15%	42	21.12%	81	1.05%	43	0.08	44	0.11	44	2.88%	9
S&P 500		1.05%	63	19.13%	45	0.00%	63	0.03	63	0.04	62	0.00%	1
T. Rowe	3.28%	1.78%	48	19.23%	47	0.73%	49	0.07	48	0.09	48	1.17%	1
S&P 500		1.05%	63	19.13%	45	0.00%	63	0.03	63	0.04	62	0.00%	1
SSgA S&P 500 Cap-Wgt	5.20%												
S&P 500													
SSgA S&P 500 Equal-Wgt	3.15%	2.74%	31	23.50%	95	-0.47%	42	0.09	39	0.13	38	1.10%	1
S&P 500 Equal Weighted		3.16%	24	23.13%	95	0.00%	34	0.11	32	0.16	30	0.00%	1



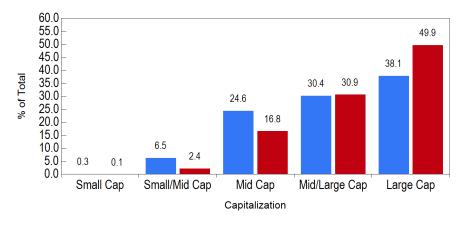
#### 3 Year Style Analysis

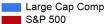


#### **Equity Characteristics**

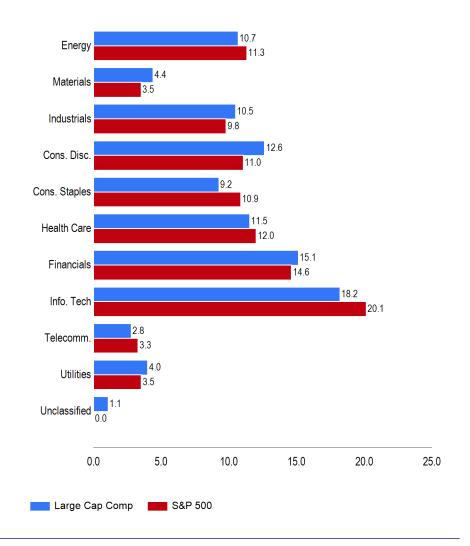
	Portfolio	S&P 500
Number of Holdings	530	500
Weighted Avg. Market Cap. (\$B)	93.3	118.7
Median Market Cap. (\$B)	13.2	12.3
Price To Earnings	17.7	18.4
Price To Book	3.6	3.8
Price To Sales	2.2	2.1
Return on Equity (%)	24.1	21.5
Yield (%)	2.1	2.2
Beta	1.1	1.0
R-Squared	1.0	1.0

#### Market Capitalization As Of September 30, 2012





#### **Equity Sector Allocation**





#### **Top Positive Contributors**

#### **Top Negative Contributors**

Top Ten Holdings	
APPLE	3.6%
EXXON MOBIL	2.5%
MICROSOFT	1.4%
CHEVRON	1.4%
AT&T	1.4%
GENERAL ELECTRIC	1.4%
GOOGLE 'A'	1.2%
PROCTER & GAMBLE	1.2%
INTERNATIONAL BUS.MCHS.	1.1%
PFIZER	1.1%

•	Relative	
	Contribution %	Return %
INTEL	0.1%	-14.3%
METROPCS COMMS.	0.0%	93.6%
SPRINT NEXTEL	0.0%	69.3%
TESORO	0.0%	68.4%
FIRST SOLAR	0.0%	47.0%
HESS	0.0%	23.9%
KOHL'S	0.0%	13.3%
LYONDELLBASELL INDS.CL.A	0.0%	29.3%
NRG ENERGY	0.0%	23.8%
XL GROUP	0.0%	14.7%

	Relative	
	Contribution %	Return %
APPLE	-0.2%	14.7%
GOOGLE 'A'	-0.1%	30.1%
EXXON MOBIL	-0.1%	7.6%
GENERAL ELECTRIC	0.0%	9.8%
INTERNATIONAL BUS.MCHS.	0.0%	6.5%
CHEVRON	0.0%	11.4%
DELL	0.0%	-20.5%
CITIGROUP	0.0%	19.4%
PROCTER & GAMBLE	0.0%	14.2%
JP MORGAN CHASE & CO.	0.0%	14.2%

#### **Equity Sector Attribution**

			Attribution Effects		F	Returns	Sect	or Weights
	Total Effects	Selection Effect	Allocation Effect	Interaction Effects	Portfolio	Benchmark	Portfolio	Benchmark
Energy	0.0%	0.1%	0.0%	0.0%	10.8%	10.2%	10.4%	10.8%
Materials	0.0%	0.0%	0.0%	0.0%	5.8%	4.9%	4.2%	3.4%
Industrials	0.0%	0.0%	0.0%	0.0%	3.6%	3.6%	11.0%	10.4%
Cons. Disc.	-0.1%	-0.1%	0.0%	0.0%	6.8%	7.4%	12.8%	11.0%
Cons. Staples	0.0%	0.0%	0.0%	0.0%	4.0%	3.9%	9.6%	11.3%
Health Care	0.0%	0.0%	0.0%	0.0%	6.1%	6.2%	11.7%	12.0%
Financials	0.0%	0.0%	0.0%	0.0%	7.0%	7.0%	15.0%	14.4%
Info. Tech	-0.1%	-0.1%	0.0%	0.0%	6.7%	7.4%	18.2%	19.8%
Telecomm.	0.1%	0.1%	0.0%	0.0%	12.2%	8.0%	2.8%	3.2%
Utilities	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%	4.2%	3.6%
Cash	0.0%	0.0%	0.0%	0.0%	0.0%		0.1%	0.0%
Portfolio	0.0%	= 0.0%	+ 0.0%	+ 0.0%	6.3%	6.4%	100.0%	100.0%

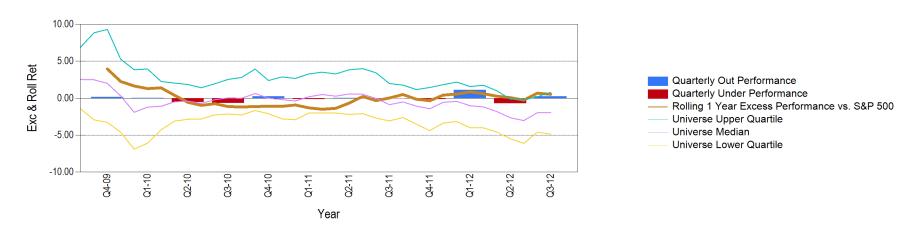


#### T. Rowe

T. Rowe Price employs a fundamental, bottom-up approach to investing in equity assets. The strategy delivers a research portfolio managed by the firm's industry analysts and representing their best ideas. The Structured Research Strategy seeks to provide superior long-term returns and capture the style of the S&P 500 Stock Index by combining analyst-driven research and security selection with the benefits of disciplined portfolio construction. T. Rowe Price's approach results in an industry and sector neutral portfolio that aims to consistently and reliably provide alpha through bottom-up, fundamental research and stock selection, consistent excess returns, index like return volatility, low tracking error (below 175bps), and a high information ratio.



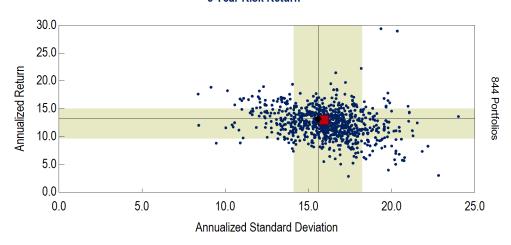
#### **Annualized Excess Performance**





## T. Rowe

#### 3 Year Risk Return

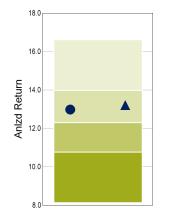


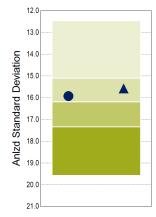
- T. Rowe
- S&P 500
- 68% Confidence Interval
- eA US Large Cap Equity Gross

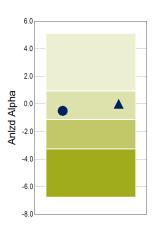
#### Characteristics

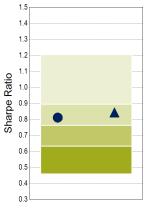
	Portfolio	S&P 500
Number of Holdings	265	500
Weighted Avg. Market Cap. (\$B)	117.6	118.7
Median Market Cap. (\$B)	18.2	12.3
Price To Earnings	17.6	18.4
Price To Book	3.8	3.8
Price To Sales	2.3	2.1
Return on Equity (%)	22.6	21.5
Yield (%)	2.0	2.2
Beta	1.0	1.0
R-Squared	1.0	1.0

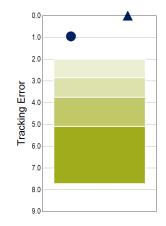
#### **3 Year Risk Statistics**

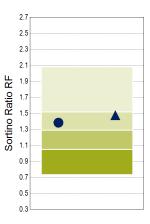














## SSgA S&P 500 Cap-Wgt

Using a replication process, we purchase each security for the Strategy in the same capitalization weight as it appears in the S&P 500 Index. Replication results in low turnover, accurate tracking, and low costs. SSgA's internal liquidity has allowed the firm to acquire many of the benchmark constituents for free. These free trading opportunities have allowed SSgA to gradually reduce security-level misweights while avoiding the open market. This process has resulted in portfolios that look and behave like the benchmark, and do so at a very low cost. SSgA's passive equity process objective is to remain fully invested in the equity market at all times. To accomplish this, it holds a small amount of unleveraged exchange-traded S&P 500® futures contracts to maintain full exposure. SSgA tends to hold approximately 1-3% of the strategy's value in suitable CFTC approved index futures contracts. This position in futures also allows the firm to accommodate cash flows into and out of the portfolio on a daily basis and to equitize dividend receivables to achieve closer tracking.

#### **Characteristics**

	Portfolio	S&P 500
Number of Holdings	502	500
Weighted Avg. Market Cap. (\$B)	118.9	118.7
Median Market Cap. (\$B)	12.2	12.3
Price To Earnings	18.2	18.4
Price To Book	3.8	3.8
Price To Sales	2.3	2.1
Return on Equity (%)	29.0	21.5
Yield (%)	2.2	2.2
Beta		1.0
R-Squared		1.0

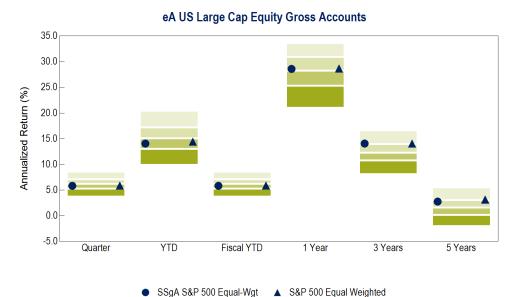
#### eA US Large Cap Equity Gross Accounts



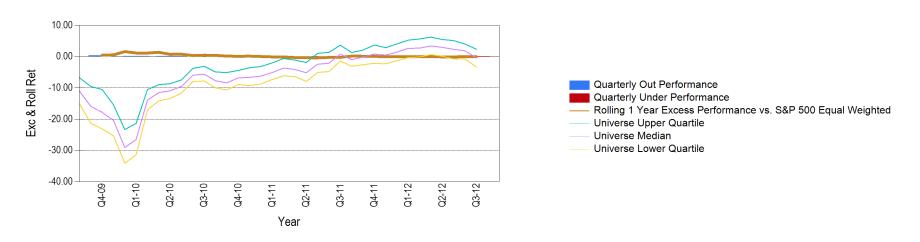


### SSgA S&P 500 Equal-Wgt

The Strategy is managed using a "passive" or "indexing" investment approach, by which SSgA attempts to match, before expenses, the performance of the Index. SSqA will typically attempt to invest in the securities comprising the Index, in the same proportions as they are represented in the Index. In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSqA may employ a sampling or optimization technique to construct the portfolio in question. From time to time securities are added to or removed from the Index. SSgA may sell securities that are represented in the Index, or purchase securities that are not yet represented in the Index, in anticipation of their removal from or addition to the Index. The Strategy may at times purchase or sell futures contracts on the Index, or options on those futures, or engage in other transactions involving the use of derivatives, in lieu of investment directly in the securities making up the Index or to enhance the Strategy's replication of the Index return. The Strategy's return may not match the return of the Index.



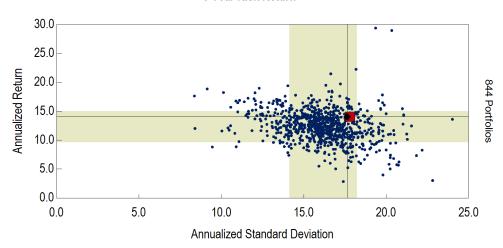
#### **Annualized Excess Performance**





## SSgA S&P 500 Equal-Wgt



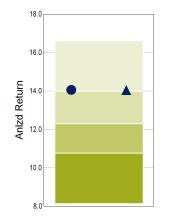


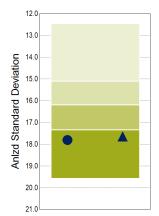
	Portfolio	S&P 500
Number of Holdings	497	500
Weighted Avg. Market Cap. (\$B)	26.4	118.7
Median Market Cap. (\$B)	12.1	12.3
Price To Earnings	16.9	18.4
Price To Book	3.2	3.8
Price To Sales	2.0	2.1
Return on Equity (%)	17.6	21.5
Yield (%)	2.0	2.2
Beta	1.1	1.0
R-Squared	1.0	1.0

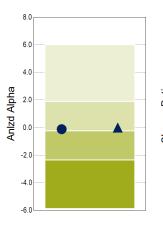
**Characteristics** 

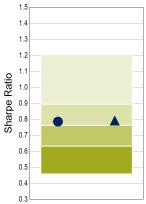
- SSgA S&P 500 Equal-Wgt S&P 500 Equal Weighted
- 68% Confidence Interval
- eA US Large Cap Equity Gross

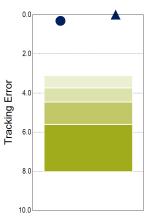
#### **3 Year Risk Statistics**

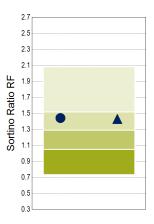














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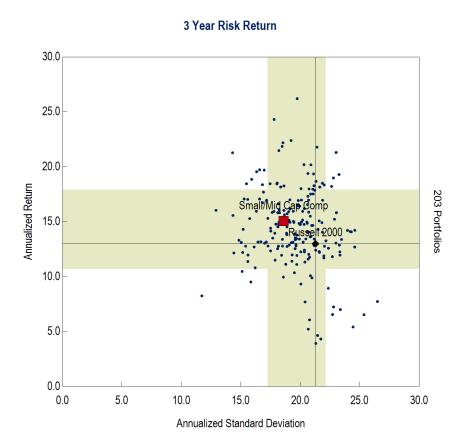


#### 3 Years Ending September 30, 2012

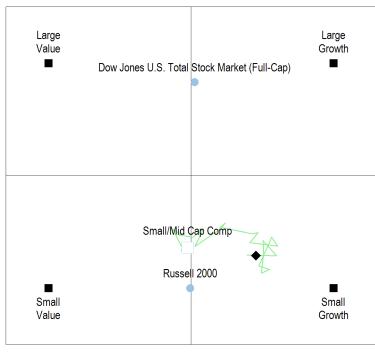
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Sharpe Ratio	Rank	Sortino Ratio RF	Rank	Tracking Error	Rank
Small/Mid Cap Comp	6.87%	15.06%	41	18.61%	33	3.74%	41	0.81	39	1.48	31	3.26%	2
Russell 2000		12.99%	69	21.28%	79	0.00%	78	0.61	77	1.08	75	0.00%	1
SSgA S&P 400	0.59%	15.58%	25	19.21%	67	1.00%	39	0.81	39	1.28	53	2.49%	3
S&P 400 MidCap	-	14.34%	42	18.72%	56	0.00%	51	0.76	49	1.28	53	0.00%	1
Champlain	2.06%	14.81%	35	14.95%	7	4.71%	14	0.99	11	1.72	19	7.10%	89
Russell 2500	-	14.06%	44	19.98%	79	0.00%	65	0.70	64	1.22	61	0.00%	1
Wellington	2.13%	15.83%	16	18.24%	18	5.78%	11	0.86	12	1.39	18	4.56%	36
Russell 2000 Value	-	11.72%	77	20.92%	64	0.00%	81	0.56	81	0.95	76	0.00%	1
SSgA Russell 2000 Growth	2.09%	14.29%	69	21.83%	67	0.10%	71	0.65	69	1.22	66	0.15%	1
Russell 2000 Growth		14.19%	70	21.83%	67	0.00%	72	0.65	71	1.20	67	0.00%	1

#### 5 Years Ending September 30, 2012

	% of Tot	Anlzd Ret	Rank	Anlzd Std	Rank	Anlzd AJ	Rank	Sharpe	Rank	Sortino	Rank	Tracking	Rank
				Dev				Ratio		Ratio RF		Error	
Small/Mid Cap Comp	6.87%	4.12%	40	23.27%	49	2.02%	39	0.16	39	0.22	39	2.95%	1
Russell 2000		2.21%	67	24.75%	72	0.00%	71	0.07	69	0.10	69	0.00%	1
SSgA S&P 400	0.59%	3.56%	42	23.40%	74	-0.32%	47	0.13	45	0.18	45	2.95%	1
S&P 400 MidCap		3.83%	35	22.83%	64	0.00%	38	0.15	37	0.20	38	0.00%	1
Champlain	2.06%												
Russell 2500											-		
Wellington	2.13%	6.10%	14	23.57%	43	4.82%	13	0.24	11	0.33	14	4.52%	16
Russell 2000 Value		1.35%	86	25.01%	65	0.00%	86	0.03	86	0.05	86	0.00%	1
SSgA Russell 2000 Growth	2.09%	3.00%	53	25.01%	66	0.05%	54	0.10	53	0.15	52	0.18%	1
Russell 2000 Growth	-	2.96%	54	25.04%	66	0.00%	54	0.10	53	0.15	52	0.00%	1



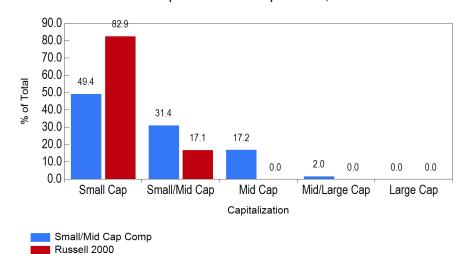
#### 3 Year Style Analysis



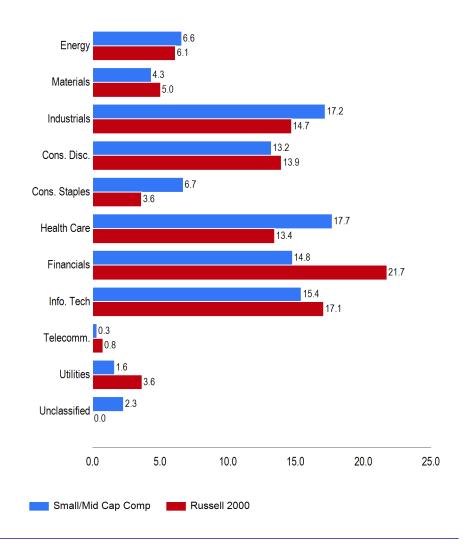
#### **Equity Characteristics**

	Portfolio	Russell 2000
Number of Holdings	1,461	1,975
Weighted Avg. Market Cap. (\$B)	3.4	1.3
Median Market Cap. (\$B)	1.1	0.5
Price To Earnings	19.5	15.2
Price To Book	3.4	2.8
Price To Sales	2.5	2.2
Return on Equity (%)	13.5	6.0
Yield (%)	1.2	1.3
Beta	0.9	1.0
R-Squared	1.0	1.0

#### Market Capitalization As Of September 30, 2012









#### **Top Positive Contributors**

#### **Top Negative Contributors**

Top Ten Holdings	
JPMORGAN PRIME MONEY MARKET FUND AGENCY CLASS	1.3%
CARLISLE COS.	1.1%
WILLIS GROUP HOLDINGS	0.9%
CHAS.RVR.LABS.INTL.	0.8%
ICON SPN.ADR 1:1	0.8%
LIFE TECHNOLOGIES	0.8%
WHITING PTL.	0.8%
CATO 'A'	0.8%
DOVER	0.7%
NORTHERN TRUST	0.7%

·	Relative Contribution %	Return %
CHAS.RVR.LABS.INTL.	0.1%	20.9%
RESMED	0.1%	30.4%
MTS SYSTEMS	0.1%	39.7%
GENESEE & WYOMING 'A'	0.1%	26.5%
MAXIMUS	0.1%	15.6%
STAGE STORES	0.1%	15.5%
WHITING PTL.	0.1%	15.2%
KIRBY	0.1%	17.4%
PIONEER NTRL.RES.	0.1%	18.4%
PENTAIR	0.1%	16.9%

	Relative	
	Contribution %	Return %
ACCO BRANDS	-0.2%	-37.2%
QUALITY SYSTEMS	-0.1%	-32.0%
OCWEN FINL.	-0.1%	46.0%
DEVRY	-0.1%	-26.5%
COEUR D'ALENE MINES	-0.1%	64.2%
CEC ENTM.	-0.1%	-16.6%
FLOWERS FOODS	-0.1%	-12.5%
WEBSENSE	-0.1%	-16.4%
ROBBINS & MYERS	0.0%	42.7%
DIEBOLD	0.0%	-7.9%

#### **Equity Sector Attribution**

			Attribution Effects		F	Returns	Sect	or Weights
	Total Effects	Selection Effect	Allocation Effect	Interaction Effects	Portfolio	Benchmark	Portfolio	Benchmark
Energy	0.1%	0.1%	0.0%	0.0%	8.8%	7.5%	6.2%	5.9%
Materials	-0.2%	-0.2%	0.0%	0.0%	8.0%	12.8%	4.2%	4.7%
Industrials	0.0%	0.1%	0.0%	0.0%	4.0%	3.5%	17.7%	15.0%
Cons. Disc.	-0.5%	-0.5%	0.0%	0.0%	3.4%	7.3%	13.7%	13.7%
Cons. Staples	-0.2%	0.0%	-0.1%	0.0%	1.6%	2.5%	7.0%	3.8%
Health Care	0.1%	0.1%	0.0%	0.0%	5.4%	4.7%	17.6%	13.4%
Financials	-0.4%	-0.5%	0.0%	0.2%	3.3%	5.6%	15.1%	21.4%
Info. Tech	0.3%	0.3%	0.0%	0.0%	4.0%	2.4%	16.2%	17.6%
Telecomm.	0.0%	0.0%	0.0%	0.0%	14.9%	14.0%	0.3%	0.7%
Utilities	0.0%	0.0%	0.0%	0.0%	4.5%	5.9%	1.7%	3.7%
Cash	0.0%	0.0%	0.0%	0.0%	0.0%		0.4%	0.0%
Portfolio	-0.9%	= -0.8%	+ -0.2%	+ 0.2%	4.4%	5.3%	100.0%	100.0%



#### SSgA S&P 400

The Strategy is managed using a "passive" or "indexing" investment approach, by which SSqA attempts to match, before expenses, the performance of the Index. SSgA will typically attempt to invest in the securities comprising the Index, in the same proportions as they are represented in the Index. In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSgA may employ a sampling or optimization technique to construct the portfolio in question. From time to time securities are added to or removed from the Index. SSqA may sell securities that are represented in the Index, or purchase securities that are not yet represented in the Index, in anticipation of their removal from or addition to the Index. The Strategy may at times purchase or sell futures contracts on the Index, or options on those futures, or engage in other transactions involving the use of derivatives, in lieu of investment directly in the securities making up the Index or to enhance the Strategy's replication of the Index return. The Strategy's return may not match the return of the Index.

#### **Characteristics**

	Portfolio	S&P 400 MidCap
Number of Holdings	399	400
Weighted Avg. Market Cap. (\$B)	4.1	4.1
Median Market Cap. (\$B)	2.7	2.7
Price To Earnings	20.9	21.1
Price To Book	3.3	3.2
Price To Sales	2.4	2.1
Return on Equity (%)	16.7	14.1
Yield (%)	1.5	1.4
Beta		1.0
R-Squared		1.0

#### **eA US Mid Cap Equity Gross Accounts**



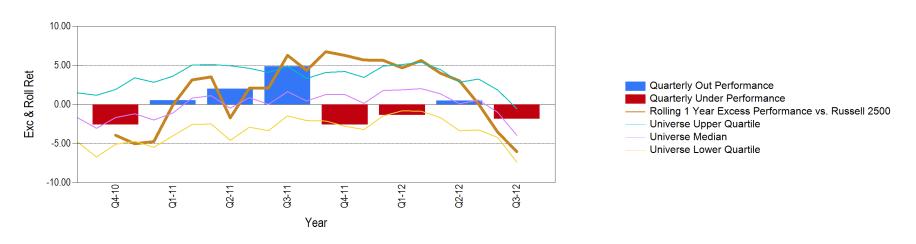


### Champlain

Champlain employs a fundamental, bottom-up approach to investing in equity assets. They believe that superior companies purchased at attractive valuations have the highest probability to wealth creation. Champlain seeks strong businesses with credible and sincere management and aims to buy shares of their stock at discounts to fair or intrinsic value. Portfolio construction applies sector weight quidelines and position size rules to manage risk. The portfolio will have some exposure to at least seven out of the eight largest sectors of the S&P 400, with a maximum weighting on 25% in any one sector. Individual positions will not represent more than 2% of the respective companies' outstanding shares and are limited to no more than 5% of assets under management. The portfolio typically holds 50-75 securities with average position sizes of 2%. The strategy's minimum market cap is \$1.5 billion at purchase and a maximum market cap of \$15 billion. In general, no more than 10% of portfolio in stocks with a market cap below \$2B and no more than 5% of portfolio in companies with market cap above \$20B.



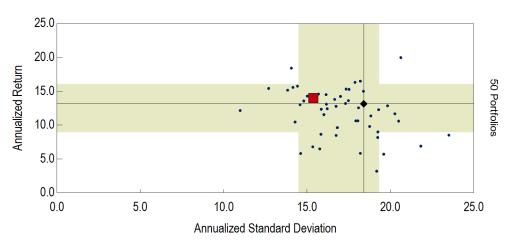
#### **Annualized Excess Performance**





## Champlain



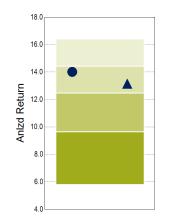


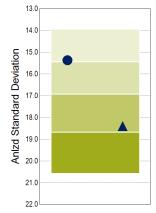
#### **Characteristics**

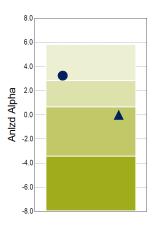
	Portfolio	Russell 2500
Number of Holdings	70	2,472
Weighted Avg. Market Cap. (\$B)	7.0	2.8
Median Market Cap. (\$B)	5.1	0.7
Price To Earnings	21.3	16.5
Price To Book	3.2	2.8
Price To Sales	2.6	2.2
Return on Equity (%)	17.0	8.9
Yield (%)	1.3	1.4
Beta		1.0
R-Squared		1.0

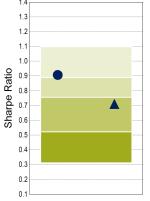
- Champlain
- Russell 2500
- 68% Confidence Interval
- eA US Mid Cap Core Equity Gross

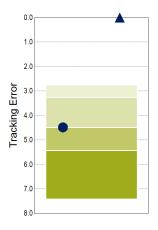
#### **2 Year Risk Statistics**

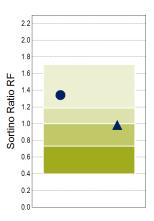








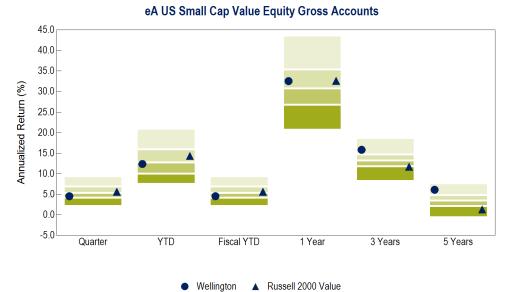




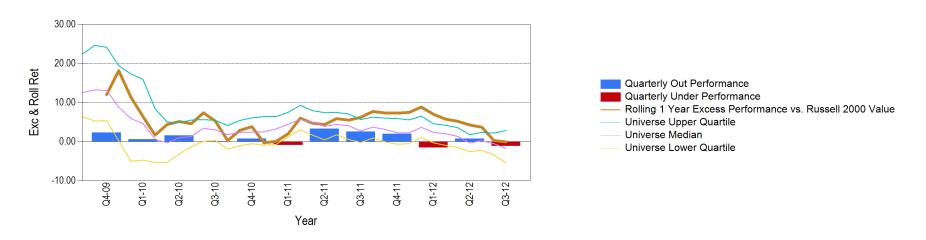


#### Wellington

Wellington's investment objective is to seek long-term total returns in excess of the Russell 2000 Value Index by investing in conservatively-valued securities of high-quality, small cap companies. Wellington employ a bottom-up stock selection process that utilizes Wellington Management's proprietary, fundamental research to identify undervalued companies that have the potential for significant longer-term rewards. The investment universe consists of all stocks generally between US\$100 million and US\$2 billion in market capitalization. These stocks are reviewed for certain financial and valuation requirements that correspond with our investment process and philosophy. The Small Cap Value Team conducts their own proprietary research and leverages the broader research of the firm as appropriate. The Portfolio is expected to have a lower P/E ratio and other value-oriented characteristics relative to the overall small cap market, with a similar market capitalization. The return on equity is expected to be higher than the small cap value indexes, consistent with the high-quality focus.



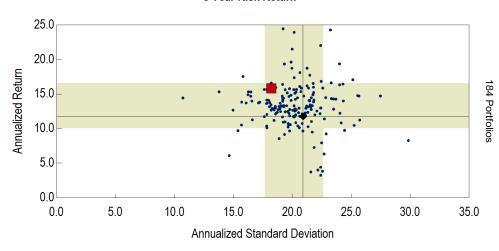
#### **Annualized Excess Performance**





## Wellington

#### 3 Year Risk Return

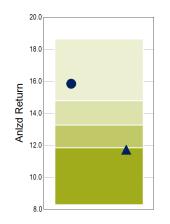


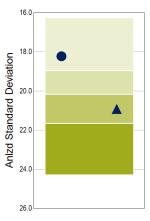
#### Characteristics

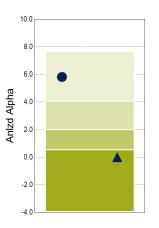
	Portfolio 2	Russell 2000 Value
Number of Holdings	79	1,406
Weighted Avg. Market Cap. (\$B)	1.5	1.1
Median Market Cap. (\$B)	1.2	0.4
Price To Earnings	18.9	12.3
Price To Book	2.3	1.4
Price To Sales	1.5	1.7
Return on Equity (%)	10.6	5.1
Yield (%)	1.7	1.8
Beta		1.0
R-Squared		1.0

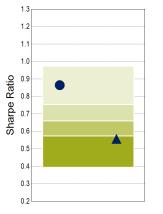
- Wellington
- ◆ Russell 2000 Value
- 68% Confidence Interval
- eA US Small Cap Value Equity Gross

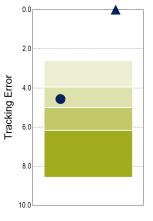
#### **3 Year Risk Statistics**

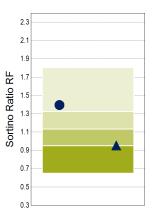








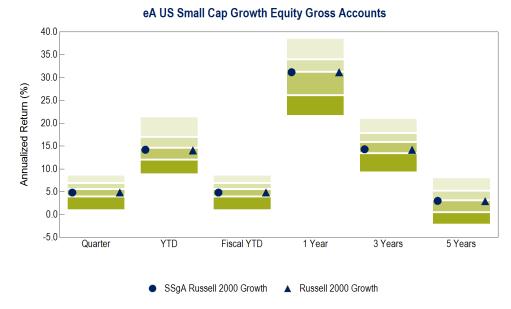




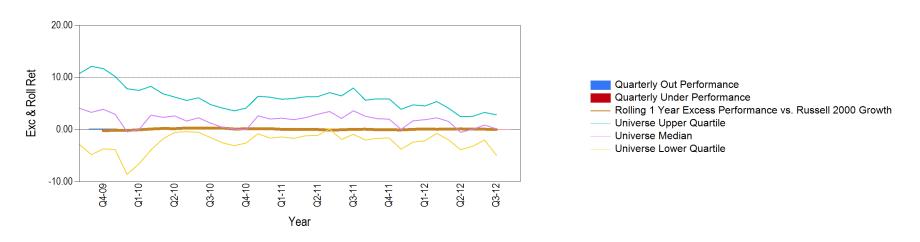


### SSgA Russell 2000 Growth

The Strategy is managed using a "passive" or "indexing" investment approach, by which SSgA attempts to match, before expenses, the performance of the Index. SSgA will typically attempt to invest in the securities comprising the Index, in the same proportions as they are represented in the Index. In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSgA may employ a sampling or optimization technique to construct the portfolio in question. From time to time securities are added to or removed from the Index. SSqA may sell securities that are represented in the Index, or purchase securities that are not yet represented in the Index, in anticipation of their removal from or addition to the Index. The Strategy may at times purchase or sell futures contracts on the Index, or options on those futures, or engage in other transactions involving the use of derivatives, in lieu of investment directly in the securities making up the Index or to enhance the Strategy's replication of the Index return. The Strategy's return may not match the return of the Index.



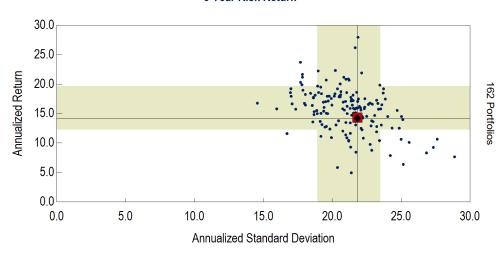
#### **Annualized Excess Performance**





## SSgA Russell 2000 Growth

#### 3 Year Risk Return

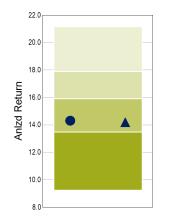


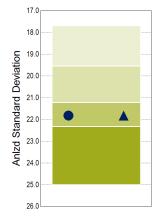
**Characteristics** 

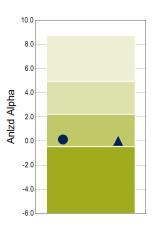
	Portfolio	Russell 2000 Growth
Number of Holdings	1,051	1,112
Weighted Avg. Market Cap. (\$B)	1.5	1.5
Median Market Cap. (\$B)	0.6	0.6
Price To Earnings	17.8	18.7
Price To Book	4.6	4.5
Price To Sales	3.2	3.0
Return on Equity (%)	11.6	7.2
Yield (%)	0.7	0.6
Beta		1.0
R-Squared		1.0

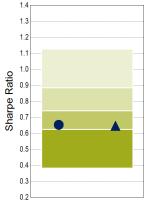
- SSgA Russell 2000 Growth
- Russell 2000 Growth
- 68% Confidence Interval
- eA US Small Cap Growth Equity Gross

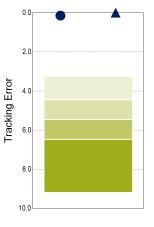
#### **3 Year Risk Statistics**

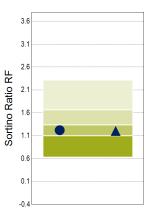














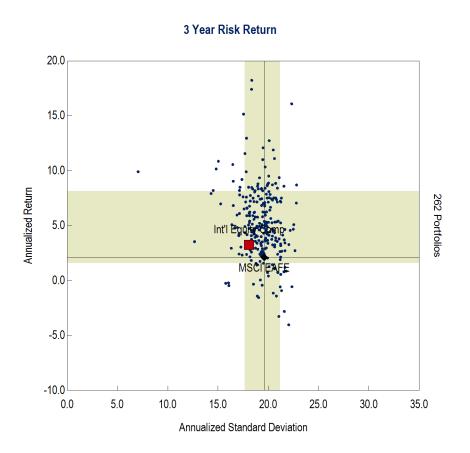


#### 3 Years Ending September 30, 2012

	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
Int'l Equity Comp	9.90%	3.25%	74	18.09%	18	1.30%	72	2.28%	10	0.26	72	92.14%	44
MSCI EAFE	-	2.12%	88	19.60%	56	0.00%	87	0.00%	1	0.16	87	100.00%	79
Acadian	4.03%	3.60%	69	18.89%	36	1.59%	68	3.82%	43	0.26	72	92.26%	46
MSCI EAFE	-	2.12%	88	19.60%	56	0.00%	87	0.00%	1	0.16	87	100.00%	79
Mondrian	4.04%	2.95%	77	17.52%	11	1.10%	74	4.75%	58	0.26	73	90.45%	37
MSCI EAFE		2.12%	88	19.60%	56	0.00%	87	0.00%	1	0.16	87	100.00%	79
SSgA ACWI Ex US	1.84%												
MSCI ACWI ex USA													

#### 5 Years Ending September 30, 2012

	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
Int'l Equity Comp	9.90%	-5.29%	81	22.43%	26	-0.34%	87	2.39%	6	-0.35	83	98.12%	44
MSCI EAFE	-	-5.24%	80	23.52%	45	0.00%	82	0.00%	1	-0.35	82	100.00%	64
Acadian	4.03%	-7.02%	95	24.66%	68	-1.60%	94	4.53%	43	-0.39	91	101.49%	81
MSCI EAFE		-5.24%	80	23.52%	45	0.00%	82	0.00%	1	-0.35	82	100.00%	64
Mondrian	4.04%	-3.63%	51	20.57%	10	0.81%	66	4.94%	48	-0.29	66	93.90%	16
MSCI EAFE		-5.24%	80	23.52%	45	0.00%	82	0.00%	1	-0.35	82	100.00%	64
SSgA ACWI Ex US	1.84%												
MSCI ACWI ex USA													



#### 3 Year Style Analysis



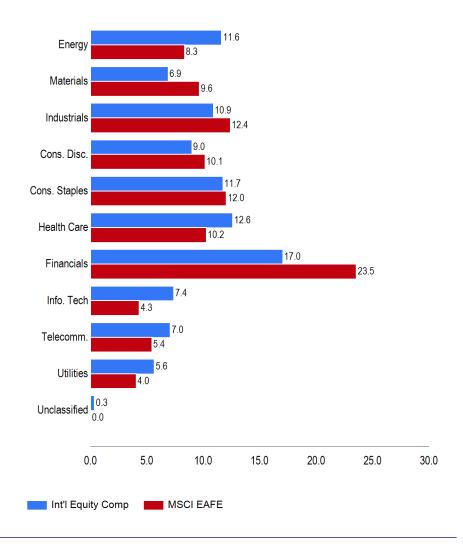
#### **Equity Characteristics**

	Portfolio	MSCI EAFE
Number of Holdings	2,197	920
Weighted Avg. Market Cap. (\$B)	44.5	50.3
Median Market Cap. (\$B)	5.1	6.9
Price To Earnings	13.3	15.0
Price To Book	1.9	2.4
Price To Sales	1.2	1.6
Return on Equity (%)	15.0	14.1
Yield (%)	3.9	3.5
Beta	0.9	1.0
R-Squared	1.0	1.0

#### Regional Allocation

	Regional Anocation	
	Int'l Equity Comp	MSCI EAFE
Region Weighting		
North America ex U.S.	2.66	0.00
United States	0.36	0.00
Europe Ex U.K.	40.42	41.84
United Kingdom	16.55	23.40
Pacific Basin Ex Japan	9.95	14.10
Japan	20.99	20.06
Emerging Markets	8.03	0.00
Other	1.05	0.60

#### **Equity Sector Allocation**



#### **Top Positive Contributors**

#### **Top Negative Contributors**

Top Ten Holdings	
ROYAL DUTCH SHELL A	2.3%
SANOFI	2.3%
TOTAL	2.0%
BP	1.8%
NOVARTIS 'R'	1.4%
RWE	1.4%
TESCO	1.3%
CANON	1.3%
GLAXOSMITHKLINE	1.2%
UNILEVER (UK)	1.2%

	Relative	
	Contribution %	Return %
ASTELLAS PHARMA	0.2%	19.3%
ARKEMA	0.2%	43.3%
AMCOR	0.1%	13.9%
TAIWAN SEMICON.MNFG.	0.1%	16.8%
RWE	0.1%	11.2%
AMP	0.1%	17.4%
CARREFOUR	0.1%	16.6%
REED ELSEVIER (AMS)	0.1%	18.6%
TOTAL	0.1%	11.8%
TOTAL ACCESS COMMS.	0.1%	32.7%

	Relative Contribution	Return %
	%	11010111 70
CANON	-0.1%	-19.2%
BASF	-0.1%	21.8%
SIEMENS	-0.1%	19.6%
WESTPAC BANKING	-0.1%	19.3%
NESTLE 'R'	-0.1%	5.6%
SAP	-0.1%	19.9%
COMMONWEALTH BK.OF AUS.	-0.1%	10.3%
ALLIANZ	-0.1%	19.2%
AUS.AND NZ.BANKING GP.	-0.1%	14.0%
HSBC HDG. (ORD \$0.50)	-0.1%	6.3%

#### **Equity Sector Attribution**

	Talal	0.1	Attribution Effects		F	Sector Weights		
	Total Effects	Selection Effect	Allocation Effect	Interaction Effects	Portfolio	Benchmark	Portfolio	Benchmark
Energy	0.2%	0.1%	0.0%	0.1%	7.8%	6.6%	11.4%	8.4%
Materials	0.2%	0.2%	0.0%	-0.1%	9.9%	7.2%	7.9%	9.5%
Industrials	-0.2%	-0.1%	0.0%	-0.1%	4.0%	5.8%	11.4%	12.5%
Cons. Disc.	0.1%	0.0%	0.0%	0.0%	3.2%	2.6%	9.7%	10.5%
Cons. Staples	0.0%	0.1%	0.0%	0.0%	7.9%	7.2%	11.1%	12.0%
Health Care	0.2%	0.1%	0.0%	0.1%	9.9%	8.9%	11.9%	10.1%
Financials	-0.4%	0.0%	-0.2%	-0.1%	11.2%	11.3%	16.9%	22.6%
Info. Tech	-0.1%	0.0%	-0.2%	0.1%	1.7%	1.4%	8.1%	4.5%
Telecomm.	0.0%	0.0%	0.0%	0.0%	5.2%	5.0%	7.5%	5.6%
Utilities	0.1%	0.1%	0.0%	0.0%	4.8%	2.5%	4.1%	4.2%
Cash	0.0%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%
Portfolio	0.1%	= 0.5%	+ -0.4%	+ 0.0%	7.1%	7.0%	100.0%	100.0%



Coun	try /	Allo	cati	on
Ooun	uy 1	TIIO	outi	VII

#### Manager Index Manager Index Allocation (USD) Allocation (USD) Return (USD) Return (USD) **Americas** Brazil\* 0.6% 0.0% 4.8% 4.7% Canada 3.0% 0.0% 10.4% 10.4% Chile\* 0.1% 1.2% 0.0% 1.1% Colombia\* 0.1% 0.0% 2.9% 2.3% Mexico\* 0.3% 0.0% 9.5% 6.8% Peru\* 0.0% 0.0% 2.9% 2.9% **United States** 0.0% 0.0% -0.2% 6.2% **Total-Americas** 4.1% 0.0% 9.1% Europe Austria 0.3% 0.3% 11.0% 6.7% Belgium 1.1% 1.1% 9.8% 10.1% Czech Republic\* 0.0% 0.0% 11.2% 10.2% 0.8% Denmark 1.1% 9.6% 11.3% Finland 0.4% 0.7% 3.7% 10.6% 9.2% 9.2% France 8.6% 7.4% 7.4% 8.0% 12.4% 14.4% Germany 0.0% 0.1% 0.5% 0.5% Greece Hungary\* 0.0% 0.0% 9.6% 9.6% 0.0% Ireland 0.3% 14.2% -1.5% Italy 2.1% 2.2% 7.9% 7.6% 0.0% 0.0% 7.0% Luxembourg 11.1% 2.4% Netherlands 6.6% 5.0% 8.9% 0.8% 0.9% 9.6% 13.6% Norway 0.2% Poland\* 0.0% 29.6% 12.3% Portugal 0.0% 0.2% 9.1% 13.1% Russia\* 0.2% 0.0% 8.8% 9.3% Spain 2.9% 2.7% 5.1% 11.6% 1.1% Sweden 3.1% 11.9% 10.6%

5.5%

16.2%

55.0%

8.5%

23.2%

64.1%

10.9%

7.2%

8.5%

## Country Allocation Versus MSCI EAFE - Quarter Ending September 30, 2012

	versus Moci EAFE - Quarter Ending September 50, 2012								
	Manager	Index	Manager	Index					
	Allocation (USD)	Allocation (USD)	Return (USD)	Return (USD)					
AsiaPacific									
Australia	5.3%	8.7%	12.2%	10.5%					
China*	0.9%	0.0%	4.4%	4.7%					
Hong Kong	1.1%	2.9%	12.9%	13.7%					
India*	0.7%	0.0%	17.4%	15.4%					
Indonesia*	0.1%	0.0%	7.5%	7.4%					
Japan	22.5%	21.7%	0.9%	-0.9%					
Korea*	2.5%	0.0%	7.4%	9.9%					
Malaysia*	0.2%	0.0%	6.5%	5.3%					
New Zealand	0.1%	0.1%	10.4%	15.9%					
Philippines*	0.0%	0.0%	4.4%	4.3%					
Singapore	4.1%	1.9%	9.3%	10.6%					
Taiwan*	1.5%	0.0%	11.0%	10.9%					
Thailand*	0.4%	0.0%	27.1%	11.1%					
Total-AsiaPacific	39.4%	35.4%	5.1%	3.8%					
Other									
Egypt*	0.0%	0.0%	22.3%	22.6%					
Israel	1.1%	0.6%	4.7%	5.8%					
Morocco*	0.0%	0.0%	-3.3%	-3.4%					
Other Countries	0.0%	0.0%	-17.0%	7.0%					
South Africa*	0.4%	0.0%	6.6%	6.5%					
Turkey*	0.1%	0.0%	8.2%	8.2%					
Total-Other	1.5%	0.6%	5.5%	5.8%					
Totals									
Developed	91.8%	100.0%	6.9%	7.0%					
Emerging*	8.2%	0.0%	9.8%						
Other	0.0%		-17.0%						
Cash	0.0%		0.0%						



Switzerland

United Kingdom

**Total-Europe** 

7.8%

7.1%

8.8%

#### **International Equity Performance Attribution**

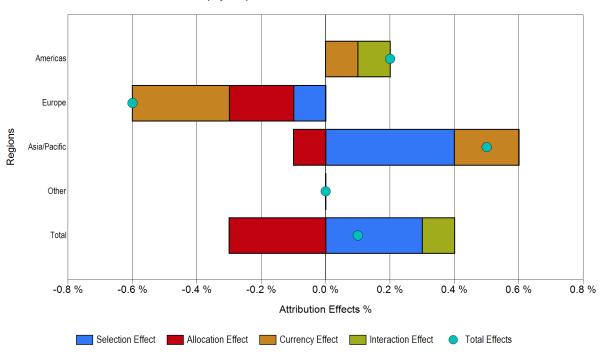
#### **Returns and Weights** Attribution Effects Manager Index Manager Index Selection Allocation Currency Interaction Total Weight Effect Effects Return Return Weight Effect Effect Effect Europe Austria 11.0% 6.7% 0.3% 0.3% 0.0% 0.0% 0.0% 0.0% 0.0% 9.8% 0.0% Belgium 10.1% 1.1% 1.1% 0.0% 0.0% 0.0% 0.0% Czech 10.2% 0.0% 0.0% 0.0% 0.0% 11.2% 0.0% 0.0% 0.0% Republic\* 9.6% 11.3% 0.8% 1.1% 0.0% 0.0% 0.0% 0.0% 0.0% Denmark Finland 3.7% 10.6% 0.4% 0.7% 0.0% 0.0% 0.0% 0.0% 0.0% France 8.6% 7.4% 9.2% 9.2% 0.1% 0.0% 0.0% 0.0% 0.1% -0.2% Germany 12.4% 14.4% 7.4% 8.0% -0.1% 0.0% 0.0% -0.2% 0.5% 0.5% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Greece 0.1% 9.6% 9.6% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Hungary\* 14.2% 0.0% 0.0% Ireland -1.5% 0.0% 0.3% 0.0% 0.0% 0.0% 2.2% 0.0% Italy 7.9% 7.6% 2.1% 0.0% 0.0% 0.0% 0.0% Netherlands 5.0% 8.9% 6.6% 2.4% -0.1% 0.1% 0.1% -0.2% -0.1% Norway 9.6% 13.6% 0.8% 0.9% 0.0% 0.0% 0.0% 0.0% 0.0% 29.6% 12.3% 0.2% 0.0% 0.0% 0.0% 0.0% 0.0% 0.1% Poland\* Portugal 9.1% 13.1% 0.0% 0.2% 0.0% 0.0% 0.0% 0.0% 0.0% Russia\* 8.8% 9.3% 0.2% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% -0.2% Spain 5.1% 11.6% 2.9% 2.7% 0.0% 0.0% 0.0% -0.2% Sweden 11.9% 10.6% 1.1% 3.1% 0.0% 0.0% -0.1% 0.0% -0.1% 10.9% 0.3% Switzerland 7.8% 5.5% 8.5% -0.1% 0.0% -0.1% 0.1% United 7.2% 7.1% 16.2% 23.2% 0.0% 0.1% -0.2% 0.0% -0.1% Kingdom **Americas** 4.8% 4.7% 0.6% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Brazil\* Canada 10.4% 10.4% 3.0% 0.0% 0.0% 0.1% 0.1% 0.0% 0.2% Chile\* 1.1% 1.2% 0.1% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 2.9% 2.3% 0.0% Colombia\* 0.1% 0.0% 0.0% 0.0% 0.0% 0.0% Mexico\* 9.5% 6.8% 0.3% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Peru\* 2.9% 2.9% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% -0.2% **United States** 6.2% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%

#### **International Equity Performance Attribution**

	R	eturns an	d Weights		Attribution Effects				
	Manager	Index	Manager	Index	Selection	Allocation	Currency Ir	nteraction	Total
	Return	Return	Weight	Weight	Effect	Effect	Effect	Effect	Effects
AsiaPacific									
Australia	12.2%	10.5%	5.3%	8.7%	0.1%	-0.1%	-0.1%	-0.1%	-0.1%
China*	4.4%	4.7%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hong Kong	12.9%	13.7%	1.1%	2.9%	0.0%	-0.2%	0.0%	0.0%	-0.2%
India*	17.4%	15.4%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Indonesia*	7.5%	7.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Japan	0.9%	-0.9%	22.5%	21.7%	0.4%	-0.1%	0.0%	0.0%	0.4%
Korea*	7.4%	9.9%	2.5%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Malaysia*	6.5%	5.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
New Zealand	10.4%	15.9%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Philippines*	4.4%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Singapore	9.3%	10.6%	4.1%	1.9%	0.0%	0.1%	0.1%	0.0%	0.1%
Taiwan*	11.0%	10.9%	1.5%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Thailand*	27.1%	11.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
Other									
Egypt*	22.3%	22.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Israel	4.7%	5.8%	1.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%
Morocco*	-3.3%	-3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
South Africa*	6.6%	6.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Turkey*	8.2%	8.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other Countries*	-17.0%	7.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals									
Developed	6.9%	7.0%	91.8%	100.0%	-0.1%	0.0%	-0.2%	0.0%	-0.3%
Emerging*	9.8%		8.2%	0.0%	0.0%	0.0%	0.2%	0.2%	0.4%
Other	-17.0%	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cash	0.0%		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%



Int'l Equity Comp Performance Attribution vs. MSCI EAFE

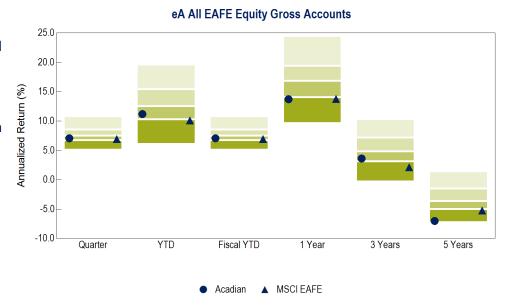


			Attribution Effects						
	Manager	Index	Manager	Index	Selection	Allocation	Currency	Interaction	Total
	Return	Return	Weight	Weight	Effect	Effect	Effect	Effect	Effects
Totals									
Americas	9.1%		4.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%
Europe	8.5%	8.8%	55.0%	64.1%	-0.1%	-0.2%	-0.3%	0.0%	-0.6%
Asia/Pacific	5.1%	3.8%	39.4%	35.4%	0.4%	-0.1%	0.2%	0.0%	0.5%
Other	5.5%	5.8%	1.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%
Cash	0.0%		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	7.1%	7.0%	100.0%	100.0%	0.3%	-0.3%	0.0%	0.1%	0.1%
Totals									
Developed	6.9%	7.0%	91.8%	100.0%	-0.1%	0.0%	-0.2%	0.0%	-0.3%
Emerging*	9.8%		8.2%	0.0%	0.0%	0.0%	0.2%	0.2%	0.4%

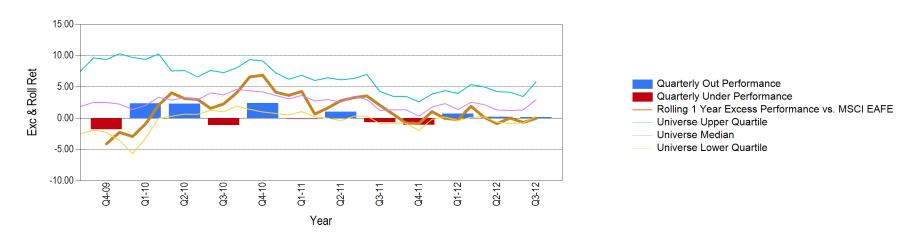


#### Acadian

Acadian believes that the larger the pool of potential investments, the greater the potential opportunity an active manager has to add value. They believe that stocks and markets have many attributes that are related to potential outperformance, and that a successful investment approach must be multi-faceted and highly adaptable. They believe that objectivity is crucial to investment success. Acadian's quantitative process and extensive database allows them to apply their valuation techniques to over 40,000 stocks worldwide. They do not limit the universe other than to employ screens based on invest-ability and availability of data. For example, they only evaluate stocks that have sufficient daily trading volume to be appropriate for institutional investment. Other than these practical considerations, they consider our investment universe to encompass all institutionally investable stocks in the world.



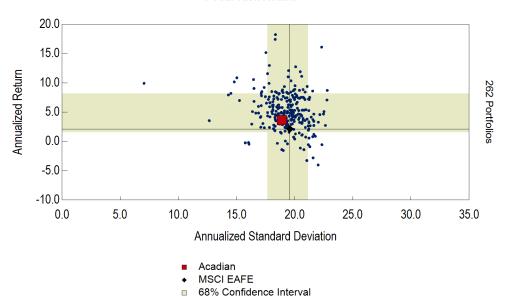
#### **Annualized Excess Performance**





## Acadian



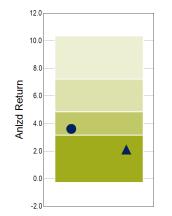


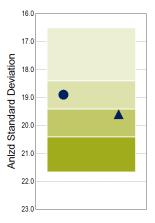
eA All EAFE Equity Gross

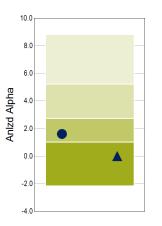
#### Characteristics

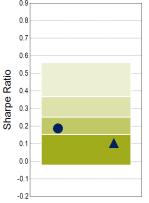
	Portfolio	MSCI EAFE
Number of Holdings	424	920
Weighted Avg. Market Cap. (\$B)	35.4	50.3
Median Market Cap. (\$B)	0.6	6.9
Price To Earnings	11.7	15.0
Price To Book	2.0	2.4
Price To Sales	0.9	1.6
Return on Equity (%)	15.8	14.1
Yield (%)	3.4	3.5
Beta		1.0
R-Squared		1.0

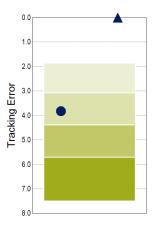
#### 3 Year Risk Statistics

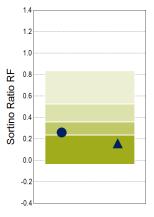












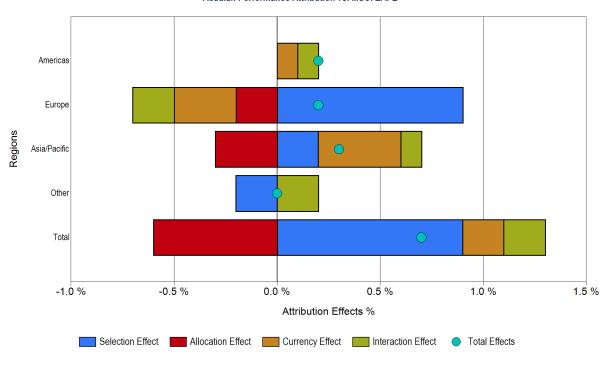


## Acadian

	Country Allocation					Country Allo	Country Allocation			
	Manager	Index	Manager	Index		Manager	Index	Manager	Index	
	Allocation (USD) Alloc	ation (USD)	Return (USD)	Return (USD)		Allocation (USD) Allo	cation (USD)	Return (USD)	Return (USD)	
Americas					AsiaPacific					
Brazil*	0.0%	0.0%			Australia	5.1%	8.7%	8.2%	10.5%	
Canada	3.7%	0.0%	10.1%	10.4%	China*	0.3%	0.0%	5.9%	1.4%	
Chile*	0.0%	0.0%			Hong Kong	1.6%	3.0%	5.1%	12.4%	
Colombia*	0.0%	0.0%			India*	0.9%	0.0%	-6.4%	-0.4%	
Mexico*	0.1%	0.0%	32.0%	6.8%	Indonesia*	0.0%	0.0%			
Peru*	0.0%	0.0%			Japan	27.0%	21.8%	-0.7%	-0.9%	
United States	0.0%	0.0%	-0.6%	6.2%	Korea*	4.3%	0.0%	5.9%	3.6%	
Total-Americas	3.8%	0.0%	10.4%		Malaysia*	0.1%	0.0%	9.9%	3.1%	
Europe					New Zealand	0.2%	0.1%	9.8%	15.9%	
Austria	0.7%	0.3%	11.5%	6.7%	Philippines*	0.0%	0.0%			
Belgium	2.3%	1.1%	9.8%	10.1%	Singapore	5.2%	1.9%	7.9%	10.6%	
Czech Republic*	0.0%	0.0%			Taiwan*	0.8%	0.0%	4.0%	0.8%	
Denmark	1.6%	1.1%	9.2%	11.3%	Thailand*	0.7%	0.0%	12.2%	2.6%	
Finland	0.6%	0.7%	1.2%	10.6%	Total-AsiaPacific	46.3%	35.5%	2.4%	3.7%	
France	3.9%	9.2%	23.2%	7.4%	Other					
Germany	9.3%	8.0%	12.5%	14.4%	Egypt*	0.0%	0.0%	-		
Greece	0.0%	0.1%		0.5%	Israel	0.1%	0.6%	-14.7%	6.0%	
Hungary*	0.0%	0.0%	-		Morocco*	0.0%	0.0%	-		
Ireland	0.0%	0.3%	12.7%	-1.5%	Other Countries	0.0%	0.0%	-24.3%	1.1%	
Italy	1.0%	2.2%	14.1%	7.6%	South Africa*	0.0%	0.0%	-		
Netherlands	7.5%	2.4%	1.9%	8.9%	Turkey*	0.0%	0.0%			
Norway	1.7%	0.9%	8.9%	13.6%	Total-Other	0.1%	0.6%	-16.0%	6.0%	
Poland*	0.4%	0.0%	36.1%	12.3%	Totals					
Portugal	0.0%	0.2%	2.6%	13.1%	Developed	92.3%	100.0%	2.0%	7.0%	
Russia*	0.0%	0.0%	9.7%	9.3%	Emerging*	7.7%	0.0%	5.0%		
Spain	0.1%	2.7%	14.8%	11.6%	Other	0.0%		-24.3%		
Sweden	1.8%	3.1%	12.5%	10.6%	Cash	0.0%				
Switzerland	3.7%	8.5%	12.4%	7.8%						
United Kingdom	15.4%	23.2%	8.8%	7.1%						
Total-Europe	50.0%	64.1%	10.3%	8.8%						



#### Acadian Performance Attribution vs. MSCI EAFE

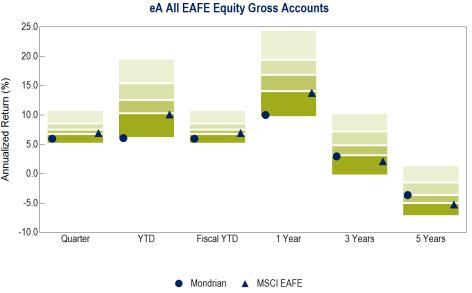


		Returns and	Weights			Attribution Effects					
	Manager	Index	Manager	Index	Selection	Allocation	Currency	Interaction	Total		
	Return	Return	Weight	Weight	Effect	Effect	Effect	Effect	Effects		
Totals											
Americas	10.4%	-	3.8%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%		
Europe	10.3%	8.8%	50.0%	64.1%	0.9%	-0.2%	-0.3%	-0.2%	0.2%		
Asia/Pacific	4.7%	3.8%	46.1%	35.4%	0.2%	-0.3%	0.4%	0.1%	0.3%		
Other	-36.5%	5.8%	0.1%	0.6%	-0.2%	0.0%	0.0%	0.2%	0.0%		
Total	7.7%	7.0%	100.0%	100.0%	0.9%	-0.6%	0.2%	0.2%	0.7%		
Totals											
Developed	7.4%	7.0%	92.3%	100.0%	0.2%	0.0%	0.0%	0.0%	0.2%		
Emerging*	11.1%		7.7%	0.0%	0.0%	0.0%	0.2%	0.3%	0.5%		
Other	-17.0%		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		

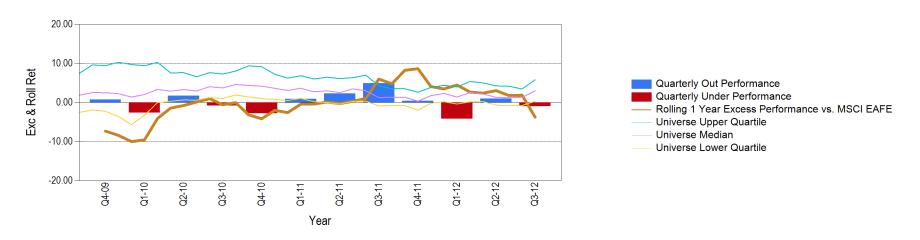


## Mondrian

The firm is an active value-oriented defensive manager. The firm's value driven investment philosophy is based on the belief that investments need to be evaluated in terms of their fundamental long-term value. The firm believes that the value of a company lies in its future income stream as dividends represent the most direct form of cash flow to a shareholder. The firm uses an inflation adjusted dividend discount model to derive the underlying value of a company. This methodology is applied consistently to individual securities of a company. This methodology is applied consistently to individual securities of a company. The universe spans markets covered in the MSCI Indices and those developing markets with adequate investor protection of the control MSCI Indices and those developing markets with adequate investor processor and good repatriation procedures. The firm will then narrow the universe to a list of more than 1000 securities on the basis of value criteria, and then further reduce this to a shorter list of approximately 250 securities annually, characteristics such as price to book, price to cash flow ratio, price to earnings ratio, and yield, as well as liquidity considerations. A focus list of approximately 80 securities is then created from that list of approximately 250 through fundamental research and deliberations of the Equity Strategy Committee. It is this list of securities on which more detailed fundamental analysis and financial modeling is carried out utilizing the dividend discount model, which is based on an evaluation of a company's future income stream, which is then discounted in real terms.



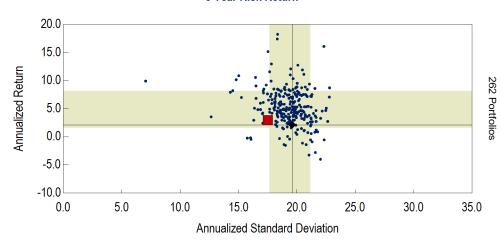
#### **Annualized Excess Performance**





# Mondrian



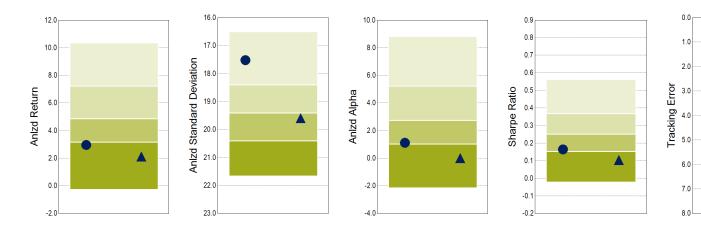


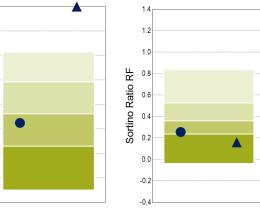
- Mondrian
- MSCI EAFE
- 68% Confidence Interval
- eA All EAFE Equity Gross

## **Characteristics**

	Portfolio	MSCI EAFE
Number of Holdings	52	920
Weighted Avg. Market Cap. (\$B)	53.4	50.3
Median Market Cap. (\$B)	30.2	6.9
Price To Earnings	14.1	15.0
Price To Book	1.4	2.4
Price To Sales	1.2	1.6
Return on Equity (%)	13.3	14.1
Yield (%)	4.6	3.5
Beta		1.0
R-Squared		1.0

## **3 Year Risk Statistics**





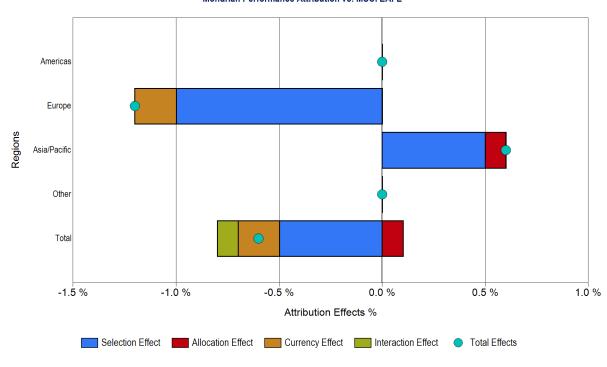


# Mondrian

	Country Alloca Manager Allocation (USD) Allocai	Index	Manager Return (USD)	Index Return (USD)		Country Alloc  Manager  Allocation (USD) Alloc	Index	Manager Return (USD)	Index Return (USD)
	Allocation (USD) Alloca	lion (USD)	Return (USD)	Return (USD)	4 1 5 10	Allocation (USD) Alloc	alion (USD)	Return (USD)	Return (USD)
Americas	0.00/	0.00/			AsiaPacific	F 00/	0.70/	40.00/	40.50/
Brazil*	0.0%	0.0%			Australia	5.2%	8.7%	10.8%	10.5%
Canada	0.0%	0.0%			China*	0.0%	0.0%		40.70/
Chile*	0.0%	0.0%			Hong Kong	0.0%	2.9%		13.7%
Colombia*	0.0%	0.0%			India*	0.0%	0.0%		
Mexico*	0.0%	0.0%			Indonesia*	0.0%	0.0%		
Peru*	0.0%	0.0%			Japan	21.7%	21.7%	2.6%	-0.9%
United States	0.0%	0.0%			Korea*	0.0%	0.0%		
Total-Americas	0.0%	0.0%			Malaysia*	0.0%	0.0%		
Europe					New Zealand	0.0%	0.1%		15.9%
Austria	0.0%	0.3%		6.7%	Philippines*	0.0%	0.0%		
Belgium	0.0%	1.1%		10.1%	Singapore	4.2%	1.9%	9.4%	10.6%
Czech Republic*	0.0%	0.0%			Taiwan*	1.7%	0.0%	16.8%	10.9%
Denmark	0.0%	1.1%		11.3%	Thailand*	0.0%	0.0%		
Finland	0.0%	0.7%		10.6%	Total-AsiaPacific	32.9%	35.4%	5.5%	3.8%
France	16.3%	9.2%	5.1%	7.4%	Other				
Germany	6.2%	8.0%	11.5%	14.4%	Egypt*	0.0%	0.0%	-	
Greece	0.0%	0.1%		0.5%	Israel	2.4%	0.6%	5.6%	5.8%
Hungary*	0.0%	0.0%			Morocco*	0.0%	0.0%	-	
Ireland	0.0%	0.3%		-1.5%	South Africa*	0.0%	0.0%		
Italy	3.5%	2.2%	6.3%	7.6%	Turkey*	0.0%	0.0%		
Netherlands	7.4%	2.4%	8.1%	8.9%	Total-Other	2.4%	0.6%	5.6%	5.8%
Norway	0.0%	0.9%		13.6%	Totals				
Poland*	0.0%	0.0%			Developed	98.3%	100.0%	6.2%	7.0%
Portugal	0.0%	0.2%		13.1%	Emerging*	1.7%	0.0%	16.8%	
Russia*	0.0%	0.0%			Other	0.0%		-	
Spain	6.4%	2.7%	4.1%	11.6%	Cash	0.0%			
Sweden	0.0%	3.1%		10.6%					
Switzerland	7.2%	8.5%	11.2%	7.8%					
United Kingdom	17.7%	23.2%	5.7%	7.1%					
Total-Europe	64.7%	64.1%	6.9%	8.8%					



#### Mondrian Performance Attribution vs. MSCI EAFE



		Returns and	Weights			Attribution Effects				
	Manager	Index	Manager	Index	Selection	Allocation	Currency	Interaction	Total	
	Return	Return	Weight	Weight	Effect	Effect	Effect	Effect	Effects	
Totals										
Americas				0.0%		0.0%	0.0%		0.0%	
Europe	6.9%	8.8%	64.7%	64.1%	-1.0%	0.0%	-0.2%	0.0%	-1.2%	
Asia/Pacific	5.5%	3.8%	32.9%	35.4%	0.5%	0.1%	0.0%	0.0%	0.6%	
Other	5.6%	5.8%	2.4%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	
Total	6.4%	7.0%	100.0%	100.0%	-0.5%	0.1%	-0.2%	-0.1%	-0.6%	
Totals										
Developed	6.2%	7.0%	98.3%	100.0%	-0.6%	0.0%	-0.2%	0.0%	-0.8%	
Emerging*	16.8%		1.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	



## SSgA ACWI Ex US

The MSCI ACWI ex US Index Strategy tends to hold each security that is held in the benchmark index, but the strategy will not be perfectly weighted in every index constituent on a daily basis. Holding securities in the perfect weights would require increased trading and therefore would incur costs. Thus, there will be securities in the fund that are either overor under-weighted relative to the benchmark. The individual security mis-weights are very minimal, usually within 1 basis point. However, in aggregate, these small mis-weights can add up and result in tracking error if the mis-weighted securities' performance is volatile. SSgA seek to replicate the index by attempting to hold every security in the fund in its appropriate index weight. SSgA trade only when there is a change to the Index, when we have participant cash flows, or when we receive significant dividend income into the fund.

#### **Characteristics**

	Portfolio	MSCI ACWI ex USA
Number of Holdings	1,864	1,837
Weighted Avg. Market Cap. (\$B)	44.9	45.1
Median Market Cap. (\$B)	5.9	5.9
Price To Earnings	14.9	14.7
Price To Book	2.3	2.5
Price To Sales	1.9	1.7
Return on Equity (%)	17.0	15.5
Yield (%)	3.4	3.3
Beta		1.0
R-Squared		1.0

#### eA ACWI ex-US All Cap Equity Gross Accounts





# SSgA ACWI Ex US

	Country A	Allocation			Country Allocation				
	Manager	Index	Manager	Index		Manager	Index	Manager	Index
	Allocation (USD)	Allocation (USD)	Return (USD)	Return (USD)		Allocation (USD)	Allocation (USD)	Return (USD)	Return (USD)
Americas					AsiaPacific				
Brazil*	3.2%	3.1%	4.8%	4.8%	Australia	6.0%	6.0%	10.5%	10.5%
Canada	8.0%	8.0%	10.8%	10.7%	China*	4.0%	4.2%	4.6%	4.6%
Chile*	0.5%	0.5%	1.1%	1.2%	Hong Kong	2.3%	2.0%	12.0%	13.7%
Colombia*	0.3%	0.3%	2.9%	2.9%	India*	1.6%	1.5%	15.5%	15.5%
Mexico*	1.2%	1.2%	6.7%	6.7%	Indonesia*	0.7%	0.7%	7.5%	7.5%
Peru*	0.2%	0.2%	2.9%	2.9%	Japan	14.8%	14.8%	-0.9%	-0.9%
United States	0.1%	0.0%	0.1%	6.2%	Korea*	3.6%	3.6%	9.8%	9.8%
Total-Americas	13.5%	13.3%	8.3%	8.4%	Malaysia*	0.9%	0.9%	5.6%	5.6%
Europe					New Zealand	0.1%	0.1%	15.9%	15.9%
Austria	0.2%	0.2%	6.7%	6.7%	Philippines*	0.2%	0.2%	4.4%	4.4%
Belgium	0.8%		10.1%	10.1%	Singapore	1.3%	1.3%	10.6%	10.6%
Czech Republic*	0.1%	0.1%	11.2%	11.2%	Taiwan*	2.7%		11.8%	11.8%
Denmark	0.8%		11.3%	11.3%	Thailand*	0.4%		6.4%	11.2%
Finland	0.5%		10.6%	10.6%	Total-AsiaPacific	38.6%	38.4%	5.6%	5.7%
France	6.0%		7.8%	7.4%	Other				
Germany	5.5%		14.4%	14.4%	Egypt*	0.1%		22.3%	22.3%
Greece	0.1%		0.5%	0.5%	Israel	0.4%		5.8%	5.8%
Hungary*	0.1%		9.6%	9.6%	Morocco*	0.0%		-3.3%	-3.3%
Ireland	0.1%		15.3%	-1.5%	South Africa*	1.9%		6.6%	6.6%
Italy	1.4%		7.3%	7.6%	Turkey*	0.4%		8.2%	8.2%
Luxembourg	0.1%		11.1%	7.5%	Total-Other	2.8%	2.8%	7.1%	7.1%
Netherlands	2.8%		6.0%	8.9%	Totals				
Norway	0.6%		13.6%	13.6%	Developed	76.6%		7.4%	7.4%
Poland*	0.4%		13.8%	13.8%	Emerging*	23.4%		7.8%	7.9%
Portugal	0.1%		13.1%	13.1%	Other	0.0%			
Russia*	1.0%		8.8%	9.4%	Cash	0.0%		0.0%	
Spain	1.8%		11.7%	11.6%					
Sweden	2.1%		10.9%	10.6%					
Switzerland	5.7%		7.9%	7.8%					
United Kingdom	15.1%		7.2%	7.1%					
Total-Europe	45.1%	45.5%	8.9%	8.9%					



# 9a Yf[]b['A Uf\_Yh'9ei ]hm



## Vermont Municipal Employees

# Emerging Market Comp

## 3 Years Ending September 30, 2012

	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
<b>Emerging Market Comp</b>	5.92%												
MSCI Emerging Markets											-		-
Aberdeen	5.92%	13.95%	4	19.77%	12	8.95%	5	4.84%	57	1.08	4	79.89%	7
MSCI Emerging Markets		5.64%	99	21.84%	99	0.00%	99	0.00%	99	0.38	99	100.00%	99



## Vermont Municipal Employees

# Emerging Market Comp

#### 5 Years Ending September 30, 2012

o route Entaing depleting to 12													
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
Emerging Market Comp	5.92%												
MSCI Emerging Markets													
Aberdeen	5.92%												
MSCI Emerging Markets													



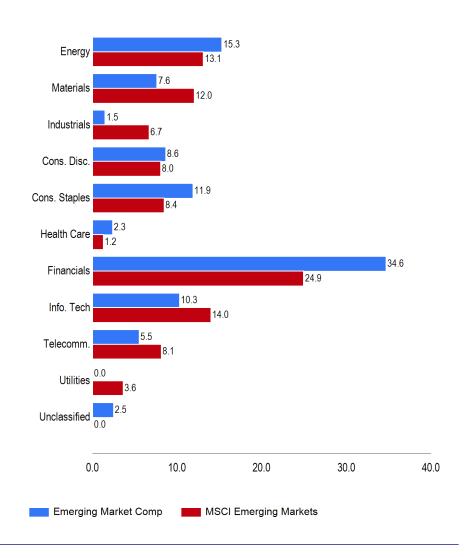
## **Equity Characteristics**

	Portfolio M	SCI Emerging Markets
Number of Holdings	68	817
Weighted Avg. Market Cap. (\$B)	32.2	35.1
Median Market Cap. (\$B)	13.2	4.4
Price To Earnings	17.8	15.1
Price To Book	3.7	2.8
Price To Sales	2.6	1.8
Return on Equity (%)	22.3	18.6
Yield (%)	2.6	2.8
Beta		1.0
R-Squared		1.0

## **Regional Allocation**

	Emerging Market Comp	MSCI Emerging Markets
Region Weighting		
North America ex U.S.	0.00	0.00
United States	2.32	0.00
Europe Ex U.K.	2.28	0.00
United Kingdom	4.51	0.00
Pacific Basin Ex Japan	6.94	0.13
Japan	0.00	0.00
Emerging Markets	83.52	99.87
Other	0.44	0.00

## **Equity Sector Allocation**





## **Top Positive Contributors**

#### **Top Negative Contributors**

Top Ten Holdings							
SAMSUNG ELTN.PF.	4.1%						
CHINA MOBILE	4.0%						
TAIWAN SEMICON.MNFG.	3.5%						
PTRO.BRAO.ADR 1:2	3.3%						
BNC.BRADESCO PF.SPN.ADR 1:1	3.3%						
FOM.ECO.MEXNO.SAB DE CV SPN.ADR 1:10	3.1%						
ASTRA INTERNATIONAL	3.0%						
GFNORTE 'O'	3.0%						
VALE PREFERRED ADR 1:1	2.9%						
LUKOIL OAO SPN.ADR 1:1	2.8%						

	Relative	
	Contribution %	Return %
PTRO.BRAO.ADR 1:2	0.6%	21.7%
HOUSING DEVELOPMENT FIN.	0.5%	25.5%
TENARIS ADS. 1:2	0.4%	16.6%
ULTRATECH CEMENT	0.3%	38.0%
SAMSUNG ELTN.PF.	0.3%	8.6%
GRASIM INDUSTRIES	0.3%	33.8%
GFNORTE 'O'	0.3%	9.9%
MULTIPLAN ON	0.3%	20.8%
BNC.BRADESCO PF.SPN.ADR 1:1	0.3%	8.3%
LUKOIL OAO SPN.ADR 1:1	0.3%	9.7%

rop negative Cont	ributors	
	Relative	
	Contribution %	Return %
PTT EXPLORATION & PRDN. FB	-0.6%	-32.7%
VALE PREFERRED ADR 1:1	-0.4%	-11.0%
BANCO SANTANDER-CHILE SPN.ADR 1:400	-0.1%	-5.5%
HERO MOTOCORP	-0.1%	-5.3%
SOUZA CRUZ ON	-0.1%	-5.7%
BHARTI AIRTEL	0.0%	-7.5%
MASSMART	0.0%	-1.1%
ARA	0.0%	-5.5%
E-MART	0.0%	0.0%
DANUBIUS HOTEL & SPA	0.0%	8.7%

## **Equity Sector Attribution**

			Attribution Effects		F	Returns	Sect	or Weights
	Total	Selection	Allocation	Interaction				
	Effects	Effect	Effect	Effects	Portfolio	Benchmark	Portfolio	Benchmark
Energy	-0.8%	-0.6%	0.1%	-0.3%	4.9%	10.9%	15.0%	12.5%
Materials	0.1%	0.1%	0.1%	0.0%	7.5%	5.9%	7.2%	12.7%
Industrials	0.2%	0.8%	0.2%	-0.8%	15.5%	4.6%	1.4%	6.9%
Cons. Disc.	-0.4%	-0.3%	0.0%	-0.2%	5.4%	10.7%	8.8%	7.8%
Cons. Staples	-0.3%	-0.1%	0.0%	-0.1%	4.2%	6.8%	12.3%	8.2%
Health Care	-0.1%	-0.1%	0.0%	0.0%	5.3%	11.3%	2.4%	1.2%
Financials	0.9%	0.4%	0.0%	0.5%	9.5%	7.3%	34.4%	24.9%
Info. Tech	-0.2%	-0.1%	-0.1%	0.0%	11.0%	11.0%	9.9%	13.9%
Telecomm.	-0.2%	-0.2%	0.0%	0.0%	5.5%	7.8%	6.3%	8.2%
Utilities	0.3%		0.4%			-1.0%	0.0%	3.8%
Cash	-0.1%	0.0%	-0.1%	0.0%	0.0%		2.3%	0.0%
Portfolio	-0.6%	= 0.0%	+ 0.5%	+ -1.0%	7.3%	7.9%	100.0%	100.0%



	Country A	Allocation		
	Manager	Index	Manager	Index
	Allocation (USD)	Allocation (USD)	Return (USD)	Return (USD)
Americas				
Brazil*	16.8%	13.2%	5.5%	4.8%
Canada	0.0%	0.0%		
Chile*	1.8%	2.0%	-5.5%	1.2%
Colombia*	0.0%	1.3%		2.9%
Mexico*	8.8%	5.0%	6.9%	6.7%
Peru*	0.0%	0.7%		2.9%
United States	0.0%	0.0%		
Total-Americas	27.4%	22.2%	5.3%	4.7%
Europe				
Austria	0.0%	0.0%		-
Belgium	0.0%	0.0%		
Czech Republic*	0.0%	0.3%		11.2%
Denmark	0.0%	0.0%		
Finland	0.0%	0.0%		
France	0.0%	0.0%		
Germany	0.0%	0.0%		-
Greece	0.0%	0.0%		
Hungary*	1.8%	0.3%	5.8%	9.6%
Ireland	0.0%	0.0%		
Italy	0.0%	0.0%		
Luxembourg	2.1%	0.0%	16.6%	7.9%
Netherlands	0.0%	0.0%		
Norway	0.0%	0.0%		
Poland*	1.7%	1.4%	8.5%	13.8%
Portugal	0.0%	0.0%		
Russia*	2.7%	5.7%	9.7%	9.4%
Spain	0.0%	0.0%		
Sweden	0.0%	0.0%		
Switzerland	0.0%	0.0%		
United Kingdom	3.9%	0.0%	7.5%	7.0%
Total-Europe	12.3%	7.8%	9.5%	10.3%

Vers	Country <i>A</i> sus MSCI Emerging Markets - G		September 30, 2	2012
	Manager	Index	Manager	Index
	Allocation (USD)	Allocation (USD)	Return (USD)	Return (USD)
AsiaPacific				
Australia	0.0%	0.0%		
China*	6.9%	17.8%	3.8%	4.6%
Hong Kong	7.0%	0.0%	6.2%	12.5%
India*	11.4%	6.5%	15.7%	15.5%
Indonesia*	3.0%	2.7%	6.0%	7.5%
Japan	0.0%	0.0%		
Korea*	4.8%	15.3%	7.3%	9.8%
Malaysia*	2.5%	3.6%	6.2%	5.6%
New Zealand	0.0%	0.0%		
Philippines*	2.8%	0.9%	10.2%	4.4%
Singapore	0.0%	0.0%		
Sri Lanka*	0.4%	0.0%	22.5%	7.9%
Taiwan*	4.9%	11.1%	16.7%	11.8%
Thailand*	5.2%	2.2%	-1.4%	11.2%
Total-AsiaPacif	ic 48.8%	60.1%	8.8%	8.9%
Other				
Egypt*	0.0%	0.3%		22.3%
Israel	0.0%	0.0%		
Morocco*	0.0%	0.1%		-3.3%
South Africa*	3.9%	7.8%	3.4%	6.6%
Turkey*	5.3%	1.7%	5.6%	8.2%
Total-Other	9.2%	10.0%	4.7%	7.3%
Totals				
Developed	13.0%	0.0%	8.3%	
Emerging*	84.7%	100.0%	7.4%	7.9%
Other	0.0%			
Cash	2.3%		0.0%	



#### **International Equity Performance Attribution**

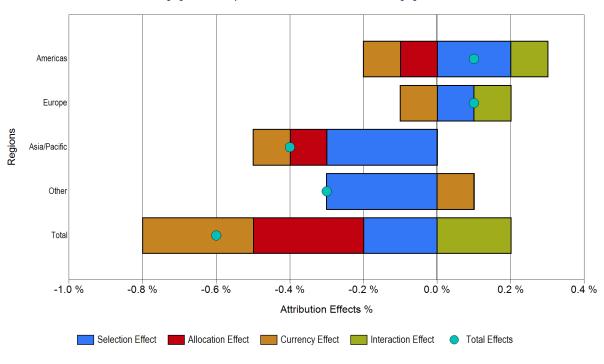
#### **Returns and Weights** Attribution Effects Manager Index Manager Index Selection Allocation Currency Interaction Total Return Weight Weight Effect Effect Effects Return Effect Effect Europe 0.0% 0.0% 0.0% Austria 0.0% 0.0% 0.0% 0.0% Belgium 0.0% Czech 11.2% 0.0% 0.3% 0.0% 0.0% 0.0% Republic\* 0.0% 0.0% 0.0% 0.0% Denmark ----Finland 0.0% 0.0% 0.0% 0.0% France 0.0% 0.0% 0.0% 0.0% Germany 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Greece ----------Hungary\* 5.8% 9.6% 1.8% 0.3% 0.0% 0.0% 0.0% 0.0% 0.0% Ireland 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Italy 0.0% 0.0% Netherlands 0.0% 0.0% 0.0% --0.0% --Norway 0.0% 0.0% 0.0% 0.0% Poland\* 8.5% 13.8% 1.7% 1.4% -0.1% 0.0% 0.0% 0.0% -0.1% Portugal 0.0% 0.0% 0.0% 0.0% -0.2% Russia\* 9.7% 9.4% 2.7% 5.7% 0.2% 0.0% -0.1% -0.1% 0.0% Spain 0.0% 0.0% 0.0% Sweden 0.0% 0.0% 0.0% 0.0% 0.0% Switzerland 0.0% 0.0% 0.0% United 7.5% 7.0% 3.9% 0.0% 0.0% -0.1% 0.1% 0.1% 0.1% Kingdom **Americas** 5.5% 4.8% 16.8% 13.2% 0.1% 0.0% 0.0% 0.0% 0.1% Brazil\* Canada 0.0% 0.0% 0.0% 0.0% Chile\* -5.5% 1.2% 1.8% 2.0% 0.0% 0.0% -0.1% 0.0% -0.1% 2.9% 0.0% 0.0% Colombia\* 0.0% 1.3% 0.0% ------Mexico\* 6.9% 6.7% 8.8% 5.0% 0.1% -0.1% 0.0% 0.1% 0.0% Peru\* 2.9% 0.0% 0.7% 0.0% 0.0% 0.0% **United States** 0.0% 0.0% 0.0% 0.0%

#### International Equity Performance Attribution

	R		d Weights		oriorinarioc r		bution Effe	cts	
	Manager	Index	Manager	Index	Selection	Allocation	Currency I	nteraction	Total
	Return	Return	Weight	Weight	Effect	Effect	Effect	Effect	Effects
AsiaPacific									
Australia			0.0%	0.0%			0.0%		0.0%
China*	3.8%	4.6%	6.9%	17.8%	-0.1%	0.2%	0.0%	0.1%	0.1%
Hong Kong	6.2%	12.5%	7.0%	0.0%	0.0%	0.4%	0.0%	-0.4%	0.0%
India*	15.7%	15.5%	11.4%	6.5%	0.0%	0.1%	0.3%	0.0%	0.5%
Indonesia*	6.0%	7.5%	3.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%
Japan			0.0%	0.0%			0.0%		0.0%
Korea*	7.3%	9.8%	4.8%	15.3%	-0.4%	0.0%	-0.3%	0.3%	-0.5%
Malaysia*	6.2%	5.6%	2.5%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%
New Zealand			0.0%	0.0%			0.0%		0.0%
Philippines*	10.2%	4.4%	2.8%	0.9%	0.1%	-0.1%	0.0%	0.1%	0.1%
Singapore			0.0%	0.0%			0.0%		0.0%
Taiwan*	16.7%	11.8%	4.9%	11.1%	0.5%	-0.2%	-0.1%	-0.3%	-0.1%
Thailand*	-1.4%	11.2%	5.2%	2.2%	-0.3%	0.1%	0.1%	-0.4%	-0.5%
Other									
Egypt*		22.3%	0.0%	0.3%		-0.1%	0.0%		-0.1%
Israel			0.0%	0.0%			0.0%		0.0%
Morocco*		-3.3%	0.0%	0.1%		0.0%	0.0%		0.0%
South Africa*	3.4%	6.6%	3.9%	7.8%	-0.3%	-0.1%	0.0%	0.1%	-0.1%
Turkey*	5.6%	8.2%	5.3%	1.7%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Other Countries*		0.0%		0.0%					
Totals									
Developed	8.3%		13.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%
Emerging*	7.4%	7.9%	84.7%	100.0%	-0.5%	0.0%	-0.3%	0.1%	-0.7%
Cash	0.0%	-	2.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%



#### Emerging Market Comp Performance Attribution vs. MSCI Emerging Markets

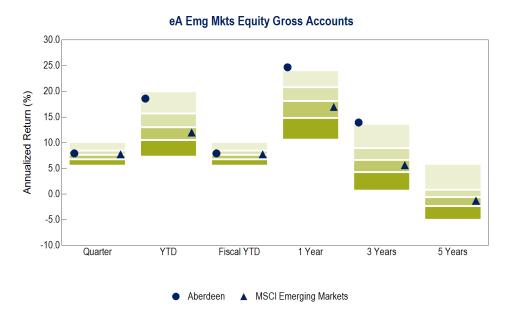


		Returns and	Weights			Attri	bution Effects		
	Manager	Index	Manager	Index	Selection	Allocation	Currency	Interaction	Total
	Return	Return	Weight	Weight	Effect	Effect	Effect	Effect	Effects
Totals									
Americas	5.3%	4.7%	27.4%	22.2%	0.2%	-0.1%	-0.1%	0.1%	0.1%
Europe	9.5%	10.3%	12.3%	7.8%	0.1%	0.0%	-0.1%	0.1%	0.1%
Asia/Pacific	8.8%	8.9%	48.8%	60.1%	-0.3%	-0.1%	-0.1%	0.0%	-0.4%
Other	4.7%	7.3%	9.2%	10.0%	-0.3%	0.0%	0.1%	0.0%	-0.3%
Cash	0.0%		2.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%
Total	7.3%	7.9%	100.0%	100.0%	-0.2%	-0.3%	-0.3%	0.2%	-0.6%
Totals									
Developed	8.3%		13.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%
Emerging*	7.4%	7.9%	84.7%	100.0%	-0.5%	0.0%	-0.3%	0.1%	-0.7%

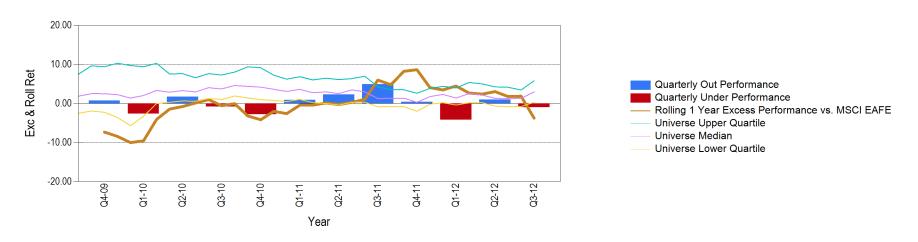


## Aberdeen

Aberdeen believes, given the inefficiency of markets, that competitive long-term returns are achieved by identifying high quality stocks at attractive valuations and holding for the long term. It is their belief that sound fundamentals drive stock prices over time. They employ a fundamental bottom-up investment approach based upon a rigorous and disciplined proprietary research effort which originates with direct company due diligence visits. Portfolios are constructed to maximize their level of exposure to the most attractive companies filtered from the stock selection process. They run a representative or model' unconstrained portfolio that contains approximately 30 - 70 stocks at any given time. Once a stock has received unanimous approval by the team, the senior investment team members then decide which portfolio category it should enter (i.e. country, regional, Global Emerging Markets) and at what weighting. The Head of Global Emerging Markets then has responsibility to ensure that the decision is implemented.



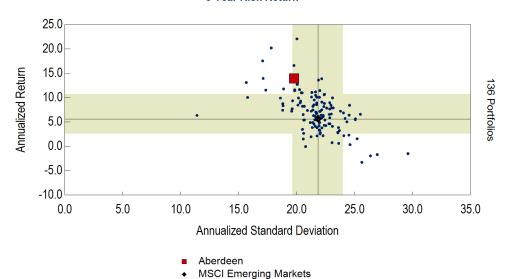
#### **Annualized Excess Performance**





# Aberdeen



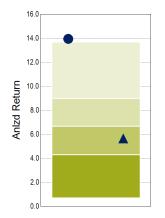


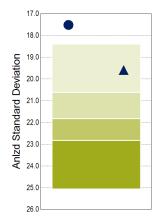
68% Confidence Interval eA Emg Mkts Equity Gross

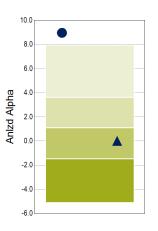
## **Characteristics**

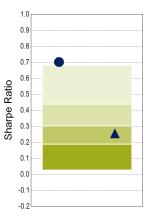
	Portfolio	MSCI Emerging Markets
Number of Holdings	68	817
Weighted Avg. Market Cap. (\$B)	32.2	35.1
Median Market Cap. (\$B)	13.2	4.4
Price To Earnings	17.8	15.1
Price To Book	3.7	2.8
Price To Sales	2.6	1.8
Return on Equity (%)	22.3	18.6
Yield (%)	2.6	2.8
Beta		1.0
R-Squared		1.0

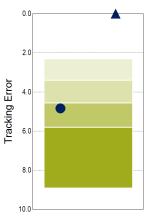
## 3 Year Risk Statistics

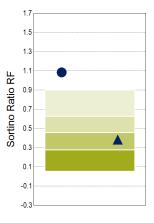












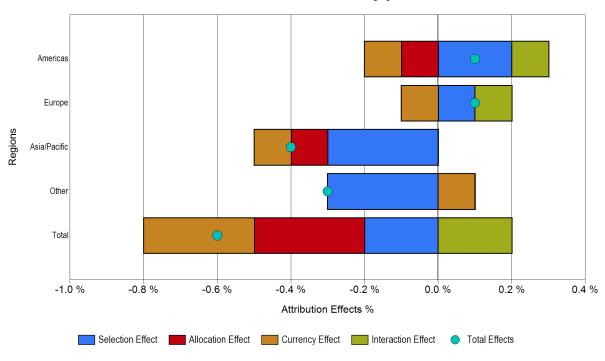


# Aberdeen

	Country Alloca Manager Allocation (USD) Alloca	Index	Manager Return (USD)	Index Return (USD)		Country Allo Manager Allocation (USD) Allo	Index	Manager Return (USD)	Index Return (USD)
Americas					AsiaPacific				
Brazil*	16.8%	13.2%	5.5%	4.8%	Australia	0.0%	0.0%		
Canada	0.0%	0.0%			China*	6.9%	17.8%	3.8%	4.6%
Chile*	1.8%	2.0%	-5.5%	1.2%	Hong Kong	7.0%	0.0%	6.2%	12.5%
Colombia*	0.0%	1.3%		2.9%	India*	11.4%	6.5%	15.7%	15.5%
Mexico*	8.8%	5.0%	6.9%	6.7%	Indonesia*	3.0%	2.7%	6.0%	7.5%
Peru*	0.0%	0.7%		2.9%	Japan	0.0%	0.0%		
United States	0.0%	0.0%			Korea*	4.8%	15.3%	7.3%	9.8%
Total-Americas	27.4%	22.2%	5.3%	4.7%	Malaysia*	2.5%	3.6%	6.2%	5.6%
Europe					New Zealand	0.0%	0.0%		
Austria	0.0%	0.0%			Philippines*	2.8%	0.9%	10.2%	4.4%
Belgium	0.0%	0.0%			Singapore	0.0%	0.0%		
Czech Republic*	0.0%	0.3%		11.2%	Sri Lanka*	0.4%	0.0%	22.5%	7.9%
Denmark	0.0%	0.0%			Taiwan*	4.9%	11.1%	16.7%	11.8%
Finland	0.0%	0.0%		-	Thailand*	5.2%	2.2%	-1.4%	11.2%
France	0.0%	0.0%			Total-AsiaPacific	48.8%	60.1%	8.8%	8.9%
Germany	0.0%	0.0%			Other				
Greece	0.0%	0.0%			Egypt*	0.0%	0.3%		22.3%
Hungary*	1.8%	0.3%	5.8%	9.6%	Israel	0.0%	0.0%		
Ireland	0.0%	0.0%			Morocco*	0.0%	0.1%		-3.3%
Italy	0.0%	0.0%			South Africa*	3.9%	7.8%	3.4%	6.6%
Luxembourg	2.1%	0.0%	16.6%	7.9%	Turkey*	5.3%	1.7%	5.6%	8.2%
Netherlands	0.0%	0.0%			Total-Other	9.2%	10.0%	4.7%	7.3%
Norway	0.0%	0.0%			Totals				
Poland*	1.7%	1.4%	8.5%	13.8%	Developed	13.0%	0.0%	8.3%	
Portugal	0.0%	0.0%			Emerging*	84.7%	100.0%	7.4%	7.9%
Russia*	2.7%	5.7%	9.7%	9.4%	Other	0.0%		-	
Spain	0.0%	0.0%			Cash	2.3%		0.0%	
Sweden	0.0%	0.0%	-						
Switzerland	0.0%	0.0%							
United Kingdom	3.9%	0.0%	7.5%	7.0%					
Total-Europe	12.3%	7.8%	9.5%	10.3%					



#### Aberdeen Performance Attribution vs. MSCI Emerging Markets



		Returns and	Weights			Attri	bution Effects		
	Manager	Index	Manager	Index	Selection	Allocation	Currency	Interaction	Total
	Return	Return	Weight	Weight	Effect	Effect	Effect	Effect	Effects
Totals									
Americas	5.3%	4.7%	27.4%	22.2%	0.2%	-0.1%	-0.1%	0.1%	0.1%
Europe	9.5%	10.3%	12.3%	7.8%	0.1%	0.0%	-0.1%	0.1%	0.1%
Asia/Pacific	8.8%	8.9%	48.8%	60.1%	-0.3%	-0.1%	-0.1%	0.0%	-0.4%
Other	4.7%	7.3%	9.2%	10.0%	-0.3%	0.0%	0.1%	0.0%	-0.3%
Cash	0.0%		2.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%
Total	7.3%	7.9%	100.0%	100.0%	-0.2%	-0.3%	-0.3%	0.2%	-0.6%
Totals									
Developed	8.3%		13.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%
Emerging*	7.4%	7.9%	84.7%	100.0%	-0.5%	0.0%	-0.3%	0.1%	-0.7%



7cfY': ]I YX'=bWta Y



# Core Fixed

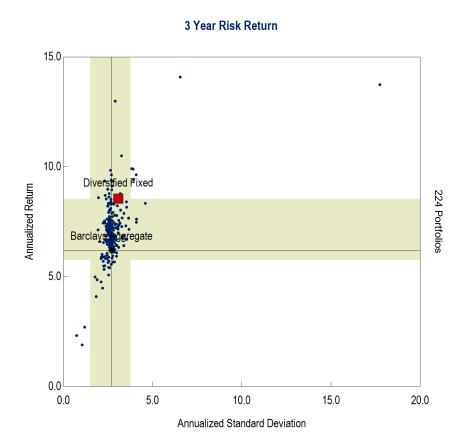
## 3 Years Ending September 30, 2012

						. J	,						
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
Diversified Fixed	17.93%	8.56%	10	3.08%	86	2.77%	15	1.77%	87	6.39	20	59.76%	17
Barclays Aggregate		6.19%	83	2.70%	60	0.00%	84	0.00%	1	3.26	84	100.00%	74
Allianz Structured Alpha	2.61%	11.49%	2	11.07%	99	12.79%	1	14.21%	99	0.77	99	-42.15%	1
Citigroup 10 Year Treasury		8.36%	13	7.71%	99	0.00%	99	0.00%	1	1.74	99	100.00%	99
PIMCO Core Plus	6.36%	7.93%	21	2.94%	81	1.75%	32	1.17%	69	3.88	62	79.75%	45
Barclays Aggregate		6.19%	83	2.70%	60	0.00%	84	0.00%	1	3.26	84	100.00%	74
PIMCO Unconstrained	6.16%												
25% HY, 25% EMD, 50% BC Agg													
Wellington DAS	2.80%	10.73%	2	5.62%	99	4.43%	77	5.12%	1	4.56	45	41.76%	99
Wellington Custom Benchmark		11.80%	2	9.41%	99	0.00%	99	0.00%	1	3.27	83	100.00%	99

# Core Fixed

## 5 Years Ending September 30, 2012

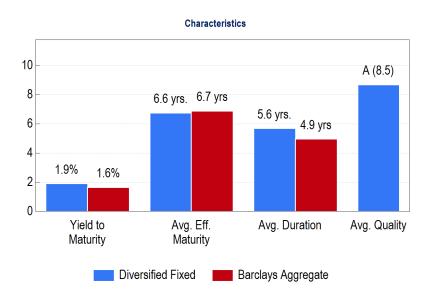
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
Diversified Fixed	17.93%	5.79%	92	6.73%	98	-2.21%	99	5.13%	97	0.73	99	183.47%	99
Barclays Aggregate		6.53%	83	3.57%	31	0.00%	79	0.00%	1	2.65	40	100.00%	58
Allianz Structured Alpha	2.61%												
Citigroup 10 Year Treasury													
PIMCO Core Plus	6.36%												
Barclays Aggregate													
PIMCO Unconstrained	6.16%												
25% HY, 25% EMD, 50% BC Agg													
Wellington DAS	2.80%												
Wellington Custom Benchmark				_		-			-		-	-	

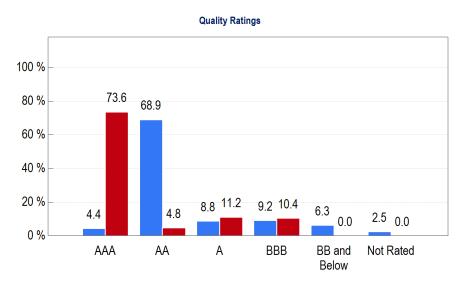


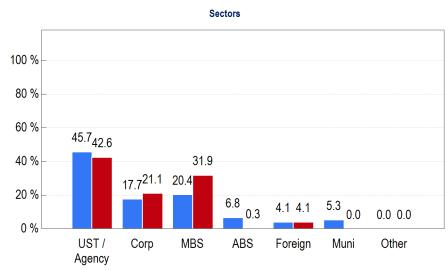
## 3 Year Style Analysis



## Core Fixed

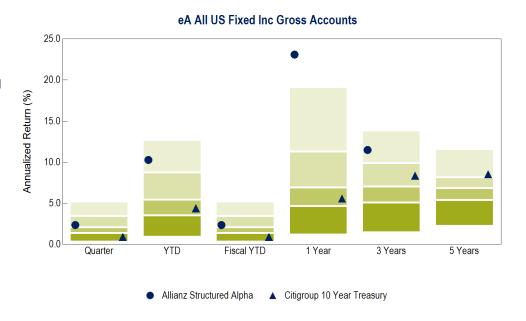




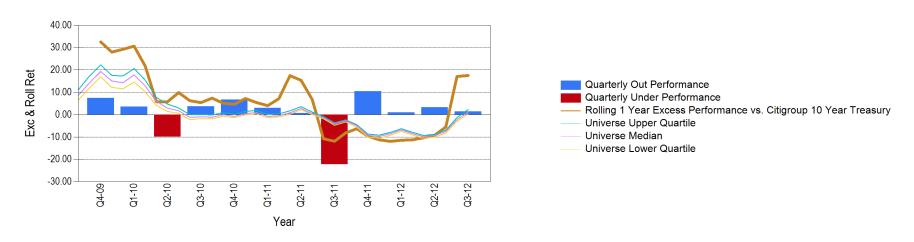


## Allianz Structured Alpha

Allianz uses an alpha enhancement strategy that targets a return stream with low or no correlation with the underlying BC Aggregate benchmark. The objective of the fund seeks to deliver 5% net of fees annually on top of the benchmark with a tracking error of 2-4%. The strategy analyzes historical behavior of the S&P 500 Index and develops a distribution of expected returns, then the fund constructions profit zones using puts and calls which at expiration the underlying ends up in the profit zone. Strategies containing the buying or selling of options may produce losses and profits similar to leverage and may exposure the account to risk related to the underlying security and the option itself.



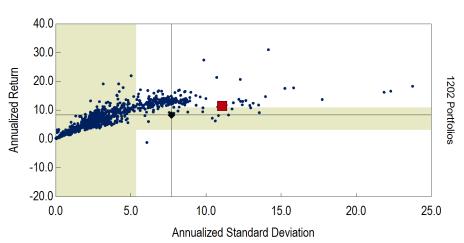
#### **Annualized Excess Performance**





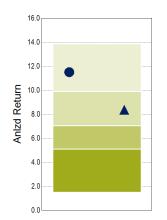
# Allianz Structured Alpha

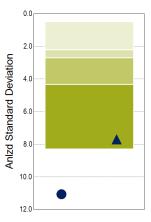


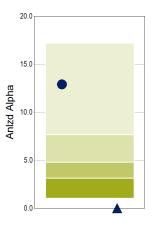


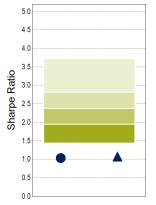
- Allianz Structured Alpha
- Citigroup 10 Year Treasury
- 68% Confidence Interval
- eA All US Fixed Inc Gross

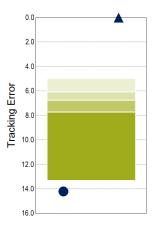
#### 3 Year Risk Statistics

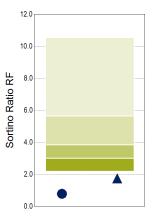








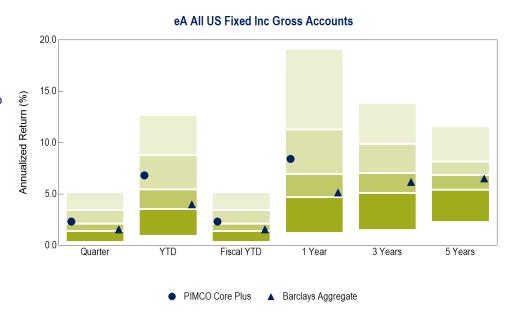




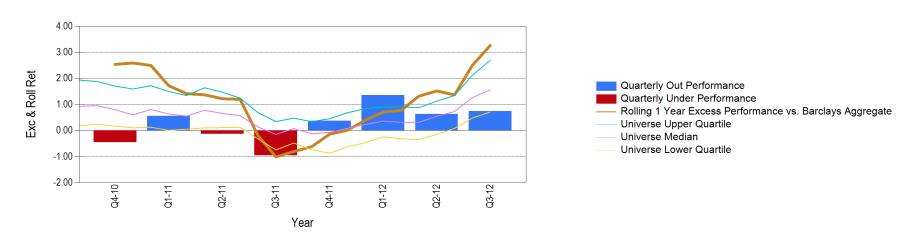


## PIMCO Core Plus

PIMCO's investment process expects to generate above-benchmark returns by building diversified, risk-averse portfolios based upon their long-term secular outlook. This is achieved by analyzing fundamental global trends in such areas as political factors, inflation, volatility, growth, and currency, amongst others. The three to five-year secular outlook is the core element of their decision-making process, and serves as a framework for portfolio implementation. In applying the secular outlook to the portfolio, such tools as duration position, yield curve posture and sector allocation are expressed to best represent the firm's view on the macro-economic environment. Bottom-up analysis of specific securities is also an important part of the firm's philosophy. Bonds are evaluated on a rich/cheap basis and fundamental research determines strong portfolio candidates.

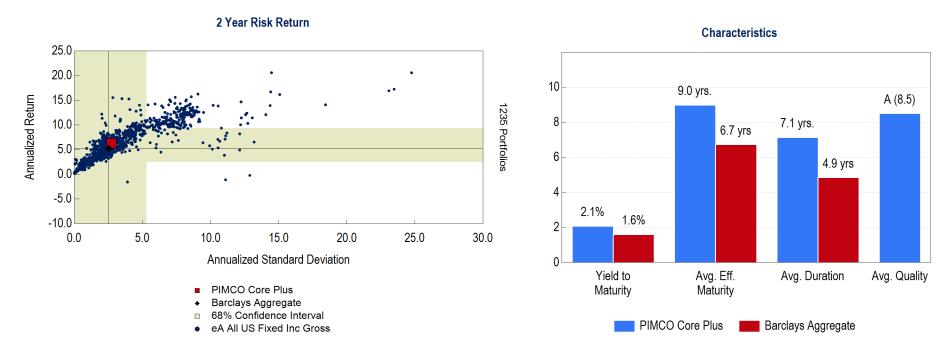


#### **Annualized Excess Performance**

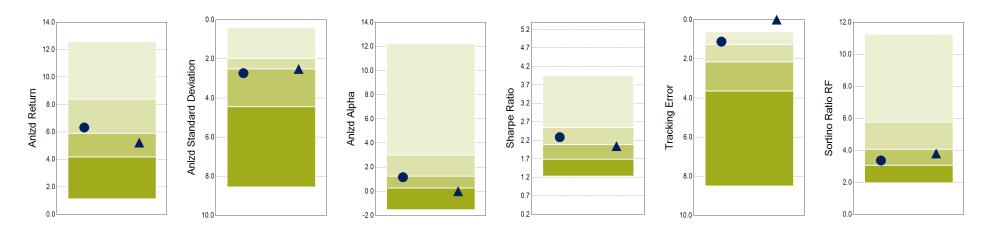




# PIMCO Core Plus



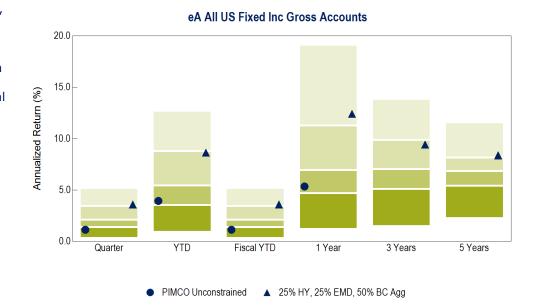
## **2 Year Risk Statistics**



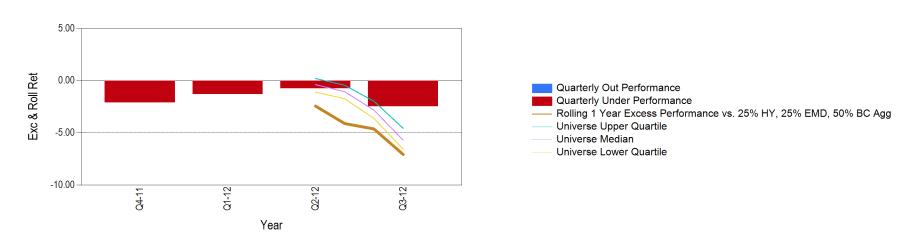


## PIMCO Unconstrained

The PIMCO Unconstrained Bond Strategy is an absolute return-oriented, investment grade quality fixed income strategy that embodies PIMCO's secular thinking, global themes, and integrated investment process without the constraints of a benchmark or significant sector/instrument limitations. The strategy is designed to offer the traditional benefits of a core bond portfolio - seeks maximum long-term return consistent with capital preservation and prudent management- but with higher potential alpha and the potential to mitigate downside risk to a greater degree than what is reasonably possible from traditional active fixed income management approaches as the strategy allows for more manager discretion to adjust duration exposure, allocate across sectors and otherwise express the firm's active views. The strategy is governed by PIMCO's investment philosophy and unique, disciplined secular investment process, which focuses on long-term economic, social and political trends that may have lasting impacts on investment returns.

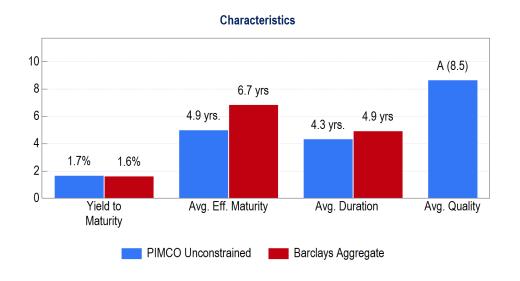


#### **Annualized Excess Performance**

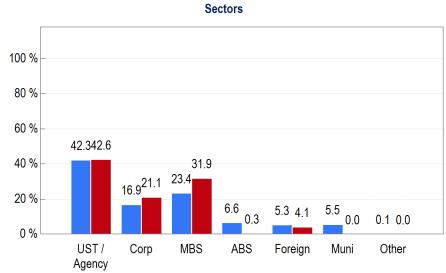




## PIMCO Unconstrained



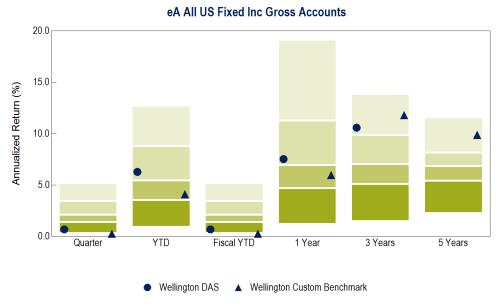




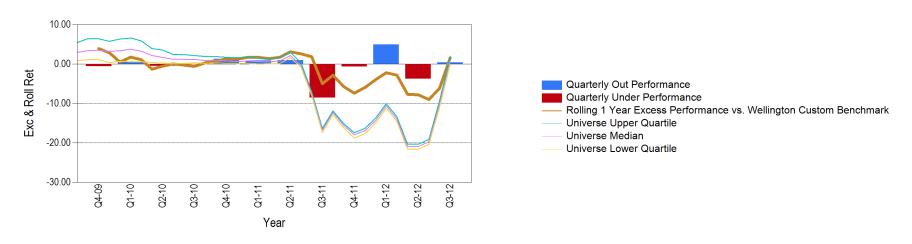


## Wellington DAS

The objective of the Diversified Alpha Strategies - Absolute Return (DAS) Portfolio is to provide positive absolute returns over cash or other market exposure (beta) over rolling 3-year periods with expected volatility of 3 to 6%. The DAS Portfolio aims to provide consistent returns by investing in diverse, market-neutral alpha sources that have low or negative correlations with each other. The mix of alpha sources is rebalanced periodically, and the target mix may change over time. The DAS Portfolio can be combined with desired market (beta) exposure through the use of derivative instruments. Drawing on a diversified basket of alpha sources from across a broad investment universe, rather than a single alpha source, should increase the efficiency of the return/risk ratio and increase the likelihood of achieving consistent returns. For this reason, the DAS Portfolio includes a variety of alpha sources: market neutral equity and fixed income strategies, overlay strategies (currency, fixed income, asset allocation), and long-only equity strategies from which they try to remove structural market risk through short equity index future or swap positions. The allocation to each alpha source is determined in a contribution to risk framework in the context of the expected aggregate DAS Portfolio characteristics. The target weights of the underlying alpha sources have been set using risk budgeting, with a goal of achieving a balanced contribution to risk across the alpha sources, rather than focusing only on the absolute or percent cash allocation.

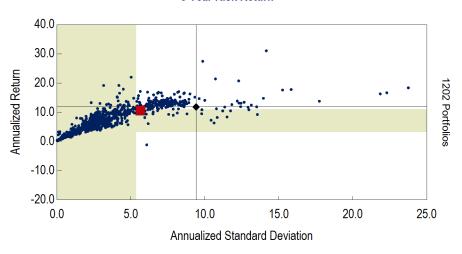


#### **Annualized Excess Performance**



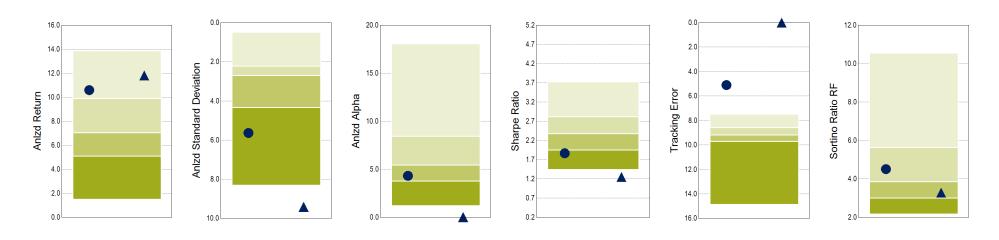


#### 3 Year Risk Return



- Wellington DAS
- ◆ Wellington Custom Benchmark
- 68% Confidence Interval
- eA All US Fixed Inc Gross

## **3 Year Risk Statistics**







# High Yield Comp

## 3 Years Ending September 30, 2012

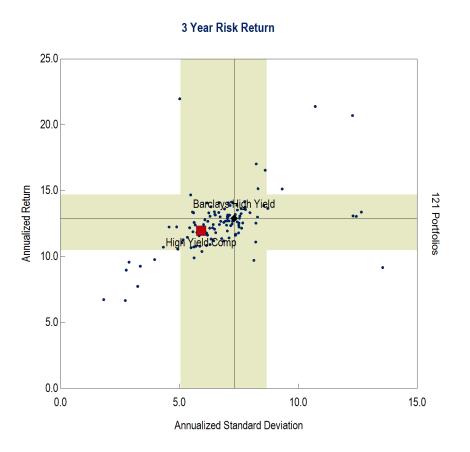
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
High Yield Comp	6.21%	11.96%	68	5.92%	25	1.65%	29	1.79%	63	3.09	30	75.84%	23
Barclays High Yield		12.90%	40	7.31%	70	0.00%	69	0.00%	1	2.63	60	100.00%	69
Post Advisory	5.22%	12.22%	62	5.87%	25	2.00%	23	1.86%	66	3.09	31	74.91%	22
Barclays High Yield		12.90%	40	7.31%	70	0.00%	69	0.00%	1	2.63	60	100.00%	69
KDP	0.99%	10.31%	92	6.36%	38	-0.55%	80	2.01%	68	2.50	69	81.36%	32
Barclays High Yield		12.90%	40	7.31%	70	0.00%	69	0.00%	1	2.63	60	100.00%	69

# High Yield Comp

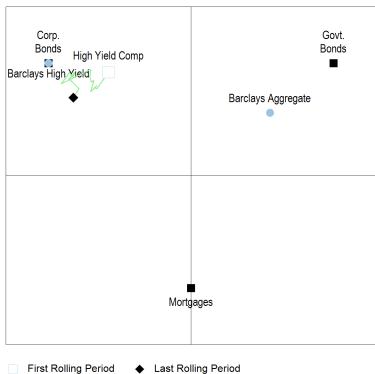
## 5 Years Ending September 30, 2012

	· · · · · · · · · · · · · · · · · · ·													
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank	
High Yield Comp	6.21%	8.92%	46	10.25%	21	2.26%	23	5.16%	70	0.73	46	71.77%	15	
Barclays High Yield		9.34%	34	14.13%	90	0.00%	82	0.00%	1	0.65	72	100.00%	85	
Post Advisory	5.22%	9.07%	42	10.24%	21	2.42%	21	5.17%	70	0.74	44	71.54%	15	
Barclays High Yield		9.34%	34	14.13%	90	0.00%	82	0.00%	1	0.65	72	100.00%	85	
KDP	0.99%													
Barclays High Yield														

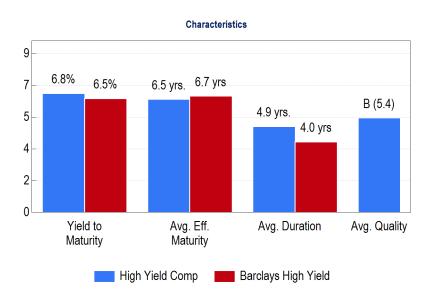
# High Yield Comp

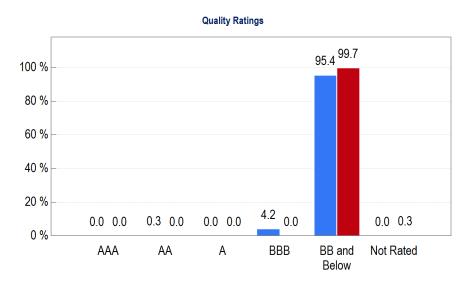


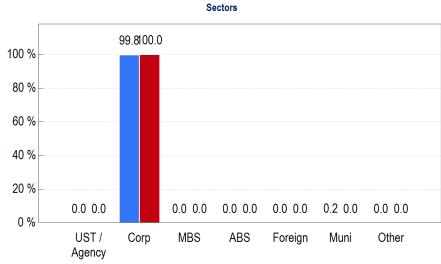
## 3 Year Style Analysis



# High Yield Comp





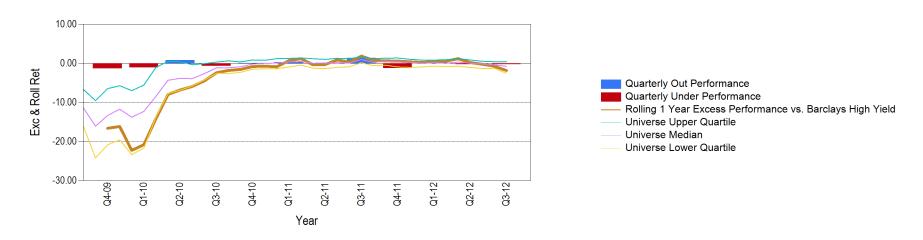


# Post Advisory

Post's team concentrate on under-followed and misunderstood credits as they believe that these securities have the highest probability of being mispriced by the consensus view. They also consider the downside protection afforded by a security. Post believe the downside risk is the most important factor to be aware of. It is through downside protection that they believe they avoid much of the volatility that exists in the high yield market. Their process is quantitative oriented. They generate ideas by looking for companies that are preferably not covered by Wall St. Having found a company they apply a value scoring model to review the issue. They look at both quantitative and qualitative factors, with the different factors being given different weights, although all factors apply across all industries to allow them to standardize. The most important quantitative factor is free cash flow and the most important qualitative factor is the management team and corporate structure. That said, the factors do gradually change over time, this is a result of constantly reviewing the model.



#### **Annualized Excess Performance**



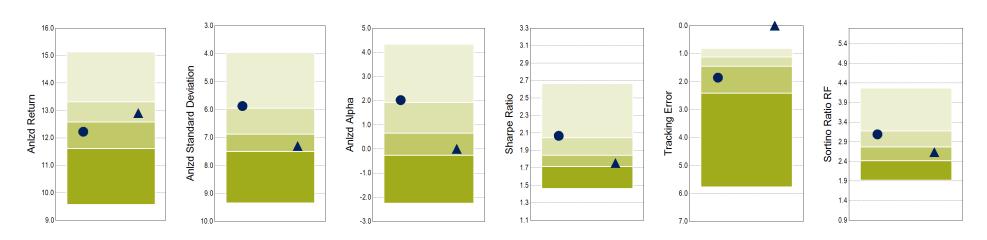


# Post Advisory



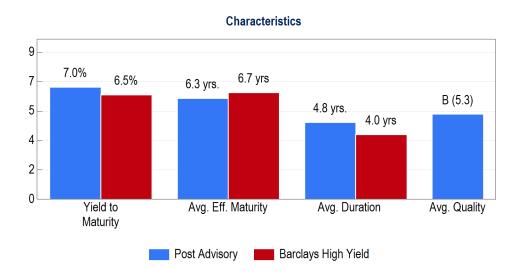
- Post Advisory Barclays High Yield
- 68% Confidence Interval
- eA US High Yield Fixed Inc Gross

#### **3 Year Risk Statistics**

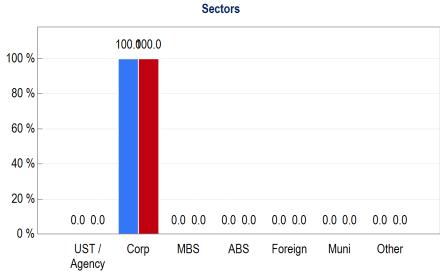




# Post Advisory







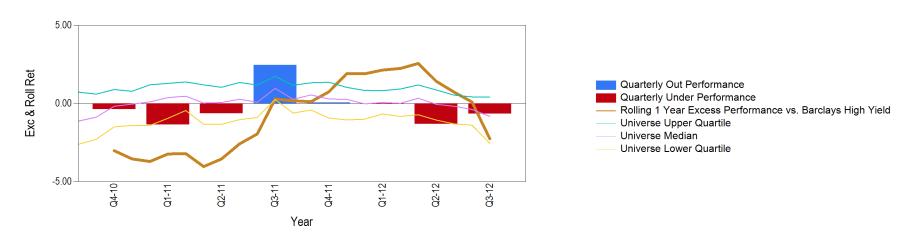


#### **KDP**

KDP believes that the key to delivering superior risk-adjusted returns lies in controlling credit risk. To do this the firm combines rigorous, bottom-up credit analysis with an active, top-down management approach that ensures a strong overall credit profile and broad portfolio diversification. KDP employs a value-oriented approach to investing that leverages our strong fundamental research capabilities, and seeks to take advantage of market inefficiencies and anomalies on an opportunistic basis in order to capture excess credit spread. KDP places a strong emphasis on issuer, industry and sector diversification, and tends to focus on larger companies, as they tend to be more resilient in times of difficulty and their securities tend to be more liquid. KDP uses a proprietary "Default Risk Ranking (DRR)" System to screen securities eligible for purchase in its portfolios. By assigning default risk probabilities to companies covered, the DRR system is used to identify securities that are overvalued or undervalued relative to the market. The firm minimizes portfolio volatility in part by investing in securities of companies that exhibit greater resilience in times of financial distress. KDP focuses on companies with good management, stable to improving earnings, good balance sheet liquidity and a strong competitive position in industries with favorable underlying fundamentals.

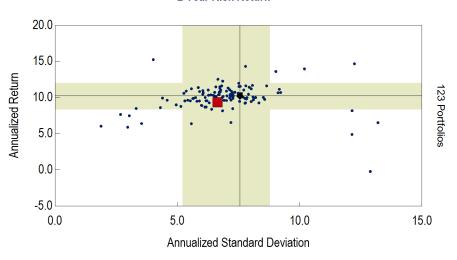


#### **Annualized Excess Performance**



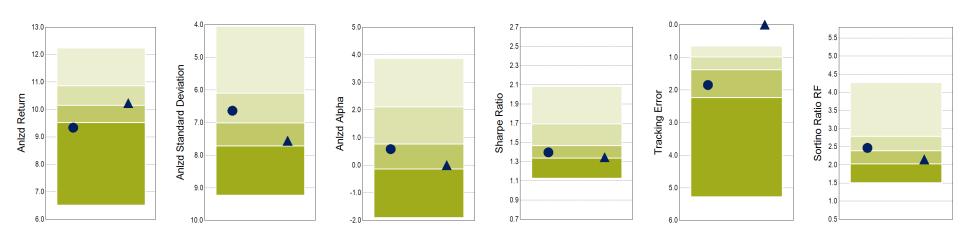


#### 2 Year Risk Return

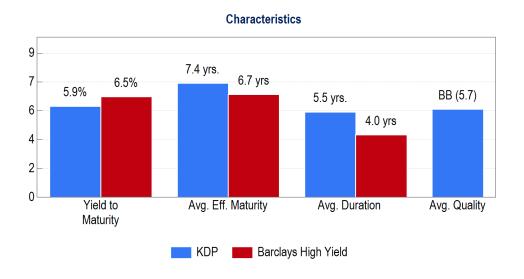


- KDP
- ◆ Barclays High Yield
- 68% Confidence Interval
- eA US High Yield Fixed Inc Gross

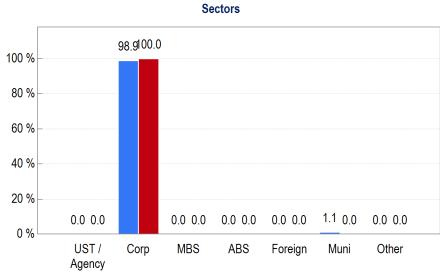
#### **2 Year Risk Statistics**











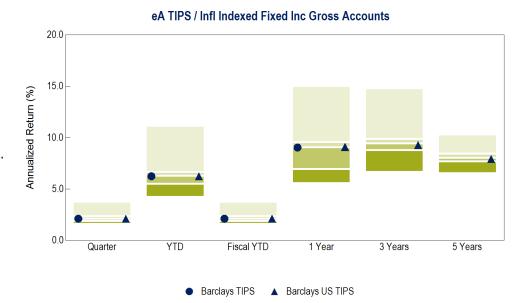




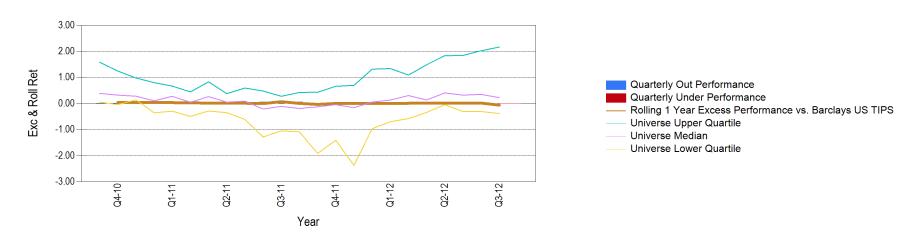


## Barclays TIPS

In the management of an inflation-linked bond portfolio, BlackRock/Barclays will utilize multiple strategies to outperform the index. These include: duration and yield curve positioning, technical supply/demand anomalies related primarily to the ILB auction cycle, seasonal factors related to non-seasonally adjusted inflation-linked indices, break-even spread between ILBs and nominal securities, and, if applicable, sector and country allocation. The team compares nominal yields with real yields and factor in their views on inflation. If the yield spread is less than the inflation rate, then ILBs are considered to trade cheaply to nominal bonds and have greater relative value. The portfolio currently holds about 31 positions, out of 27-29 issues in the benchmark. Turnover is moderate, at around 100-150%.

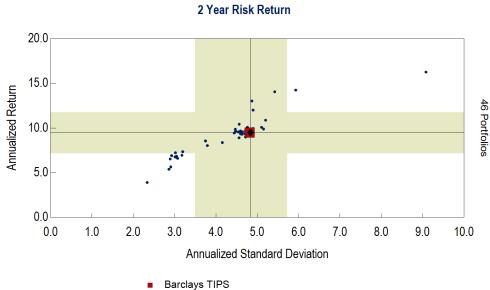


#### **Annualized Excess Performance**

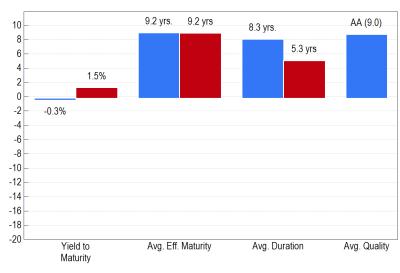




# Barclays TIPS





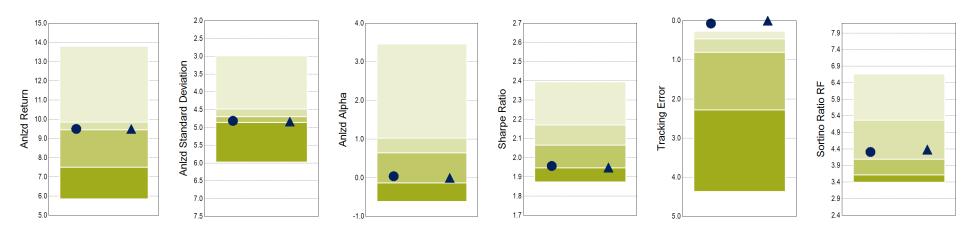


Barclays US TIPS

Barclays TIPS

- Barclays US TIPS
- 68% Confidence Interval
- eA TIPS / Infl Indexed Fixed Inc Gross

#### **2 Year Risk Statistics**







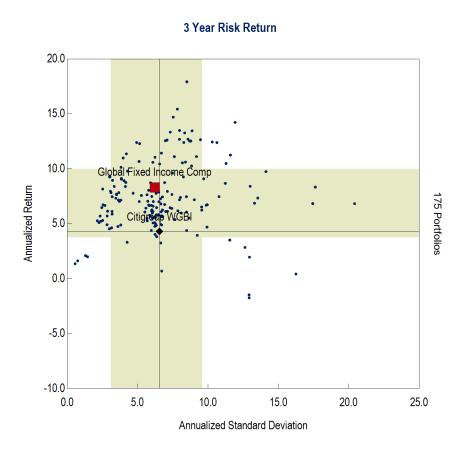
## 3 Years Ending September 30, 2012

	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
Global Fixed Income Comp	2.96%	8.29%	31	6.21%	45	4.52%	43	2.50%	17	1.81	42	74.81%	55
Citigroup WGBI		4.29%	91	6.55%	55	0.00%	95	0.00%	1	0.73	91	100.00%	86
Mondrian GFI	2.96%	6.27%	61	6.77%	62	1.95%	76	1.51%	6	1.16	66	98.36%	84
Citigroup WGBI	-	4.29%	91	6.55%	55	0.00%	95	0.00%	1	0.73	91	100.00%	86



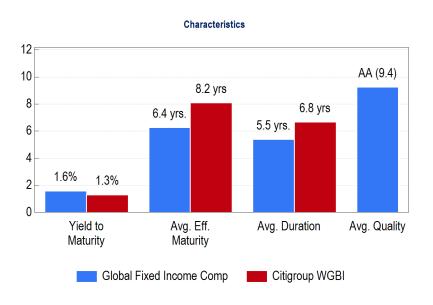
#### 5 Years Ending September 30, 2012

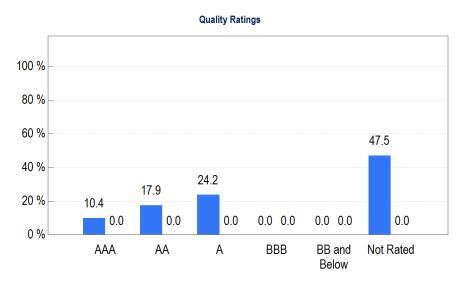
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
Global Fixed Income Comp	2.96%	8.80%	18	8.16%	50	2.94%	43	4.27%	31	1.44	27	92.68%	54
Citigroup WGBI	-	6.45%	63	7.77%	42	0.00%	80	0.00%	1	1.15	48	100.00%	68
Mondrian GFI	2.96%	8.58%	21	7.76%	42	2.38%	48	2.17%	8	1.64	20	94.64%	57
Citigroup WGBI		6.45%	63	7.77%	42	0.00%	80	0.00%	1	1.15	48	100.00%	68

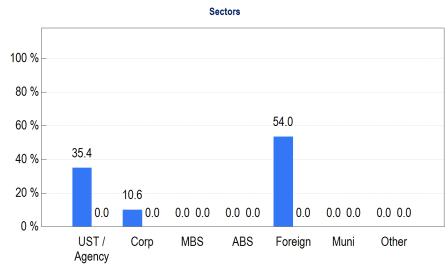


#### 3 Year Style Analysis









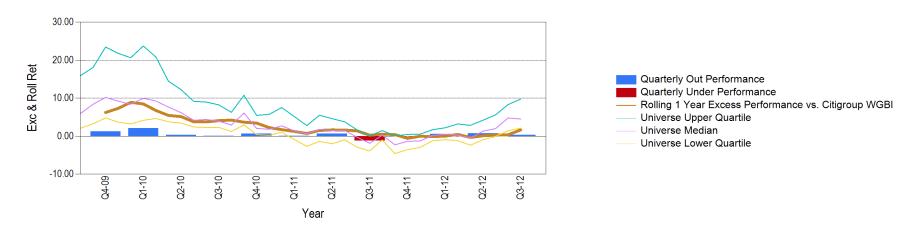


## Mondrian GFI

country. Mondrian will consider investing in the government debt of all countries within the Citigroup World Government Bond Index and other developed world bond markets. Within the emerging world most countries are researched and will include dollar denominated and local currency issuers. Mondrian's bond universe is constructed by selecting a range of bonds from the aforementioned regions at varying maturities, according to Mondrian's credit, liquidity and other specific criteria. A total of 150-200 issues are followed closely, although this list is not intended to be exhaustive. Mondrian bases its duration strategy on the size of potential long term "real" returns in a country's local market. This approach means that in practice, portfolio durations change gradually over time, and that Mondrian does not attempt to anticipate frequent interest rate changes. Mondrian's Credit Committee, chaired by John Kirk is responsible for sector recommendations in the various international markets. Each sector is assigned a prospective credit rating and current yield differentials where comparable government bonds are then assessed for their attractiveness. Mondrian seeks to add value through the use of non-governmental debt, although corporate bonds are a small part of the strategy and contribute a small portion to excess returns. Typically, sovereign and supranational issues comprise between 70% to 100% of a portfolio. High-quality foreign corporate debt is utilized, and may represent between 0% to 30% of a portfolio. In the case of corporate debt, the upper limit of 30% is strictly adhered to. A portfolio will typically hold between 30 and 40 securities.

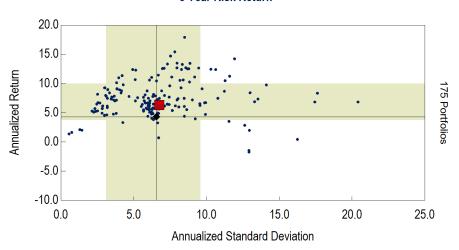


#### **Annualized Excess Performance**



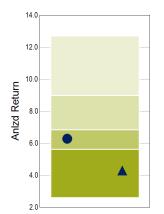


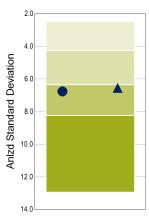
#### 3 Year Risk Return

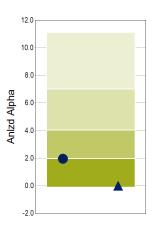


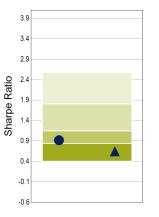
- Mondrian GFI Citigroup WGBI
- 68% Confidence Interval
- eA All Global Fixed Inc Gross

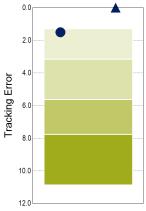
#### **3 Year Risk Statistics**

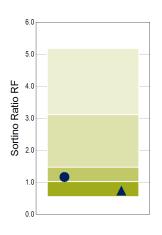




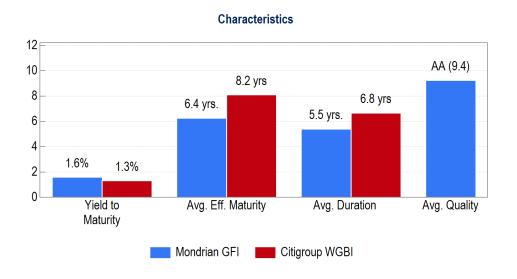




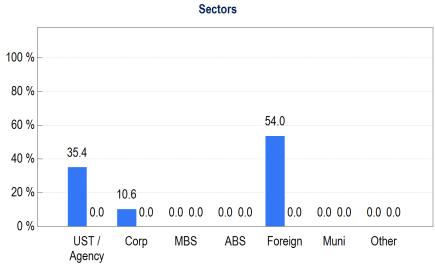




# Mondrian GFI









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# Emerging Market Debt

#### 3 Years Ending September 30, 2012

						3 - 1	,						
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank
Emerging Market Debt	5.22%												
JP Morgan EMBI Global TR											-		
Wellington Opportunistic EMD	5.22%												
JP Morgan EMBI Global TR													



# Emerging Market Debt

#### 5 Years Ending September 30, 2012

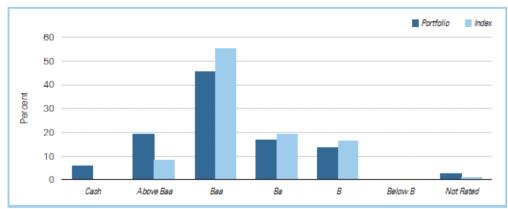
				• • •		.g coptoso.	00, _0							
	% of Tot	Anlzd Ret	Rank	Anlzd Std Dev	Rank	Anlzd AJ	Rank	Tracking Error	Rank	Sortino Ratio RF	Rank	Down Mkt Cap Ratio	Rank	
Emerging Market Debt	5.22%													
JP Morgan EMBI Global TR											-			
Wellington Opportunistic EMD	5.22%													
JP Morgan FMBI Global TR														

# Wellington Opportunistic Emerging Market Debt

#### **Portfolio Statistics**

	Portfolio	Index
ield	4.78%	4.44%
ffective Duration	6.89 Yrs	7.48 Yrs
pread Duration	7.02 Yrs	7.48 Yrs
orporate Exposure	15.97%	0.09%
M Local Market Exposure	9.58%	_
M Currency Exposure	4.56%	_
verage Quality	Baa2	Baa3

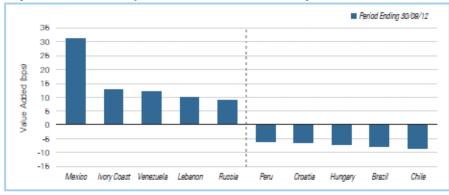
#### **Quality Distribution**



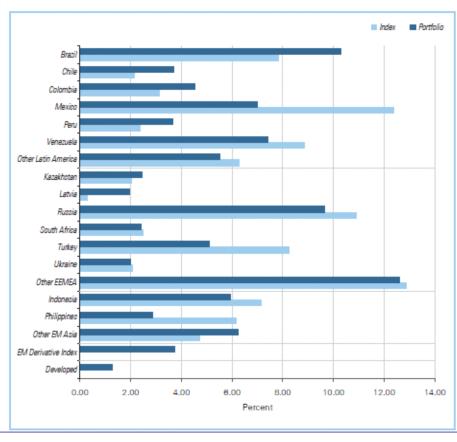
May not add to 100% due to derivative positions in portfolios that permit the use of such instruments Quality ratings are based on the highest of Fitch, Moody or S&P.

Source: Wellington Management

#### Top/Bottom 5 Country Contributors to Portfolio Alpha



#### **Country Weights versus Index**





## Wellington Opportunistic Emerging Market Debt

- -The Opportunistic Emerging Markets Debt investment approach seeks to generate attractive returns relative to an emerging markets debt benchmark such as the J.P. Morgan Emerging Markets Bond Index Global (EMBI Global), or similar, independent of traditional benchmark constraints.
- -Disciplined investment approach that integrates systematic research from both quantitative and fundamental perspective. Risk Management Due to the credit, currency, and local interest rate risks inherent in investing in these markets, and the structural complexity of some emerging markets debt instruments, a comprehensive system of risk controls is required to manage risks such as sovereign and corporate defaults, local currency volatility, and local debt yield curve inversions.
- -The investment process begins with a thorough assessment of global economic, liquidity, and market conditions. Wellington combines comprehensive top-down quantitative and macroeconomic analysis with bottom-up sovereign credit research to identify key global factors and to determine the potential impact on emerging markets debt. The resulting market outlook determines the overall risk level of the portfolio.
- -Opportunistic Emerging Markets Debt is an unconstrained, best ideas approach that takes advantage of investment opportunities in emerging markets sovereign, corporate, and local markets to generate attractive total returns. It is managed by the same team that has been responsible for the Emerging Markets Debt approach since its inception.

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## Mellon Global Expanded Alpha

The core philosophy behind Mellon's Global Expanded Alpha strategy is that global capital markets are an orderly and mostly rational structure over the long term and that prices reflect expected returns based on fundamentals. However while equilibrium exists there are factors in the capital markets which cause prices to deviate from the equilibrium. Mellon seeks to diversify investment exposure across many asset classes. Global Stocks, Global Bonds and Currencies are the broad asset classes in which Global Alpha 1 is exposed. Mellon determines expected returns, risks, and correlations for each asset class in the twelve major capital markets (Australia, Canada, France, Germany, Hong Kong, Italy, Japan, the Netherlands, Spain, Switzerland, the U.K., and the U.S.) where they actively allocate assets. Model has been expanded to new alpha sources: emerging markets and commodities. Alpha in the emerging market is extracted through both emerging market equities and currencies. Emerging market equity and currency models rely on similar signals to those employed in developed equities and currencies models. Relative Valuation is the basis for asset class investment decisions. Investment instruments used include Futures, Forwards, Options and Asset Class Funds. Mellon is capable of taking Long/Short positions in any instruments but must be Net Long Stocks and Bonds.

			Perfor	mance &	Attribu	tion – 3	Brd Quai	ter 2012			
Period	Strategy Return	Benchmark Return	Alpha	Global Stock/Bond	Equity Country	Bond Country	Currency	Benchmark Replication	Commodity Allocation	Misc.	Total Alpha
Jul-12	4.86%	1.42%	3.44%	3	102	47	150	1	30	11	344
Aug-12	1.55%	1.41%	0.13%	2	43	14	-55	-5	9	6	13
Sep-12	0.84%	1.96%	-1.11%	6	-70	-4	-31	2	-18	3	-111

P	erform	nance & A	ttributio	on – Calei	ndar Y	ears &	Annual	ized as o	f 9/30/2	012	
Period	Strategy Return	Benchmark Return	Alpha	Global Stock/Bond	Equity Country	Bond Country	Currency	Benchmark Replication	Commodity Allocation	Misc.	Total Alpha
YTD 2012	10.61%	9.21%	1.41%	-44	27	101	-23	10	38	30	141
2011	-0.13%	-1.60%	1.47%	-168	136	139	56	26	2	-43	147
(Partial) 2010	10.43%	5.72%	4.71%	-137	71	185	291	65	-6	2	471
1 Year	17.52%	14.57%	2.95%	-23	121	73	30	20	34	41	295

Source: Mellon Capital Management

\*Index is 50% MSCI ACWI, 25% Citi WGBI, 10% BC Global Inflation Linked, 5% Russell 2000, 5% BC US Intermediate Credit, 5% DJ-UBS Commodity



# Mellon Global Expanded Alpha

## **Market Exposures**

#### **Equity Exposure**

Equity Exposure										
Country	Mellon %	Index %	Over %							
Australia	5.4%	1.6%	3.8%							
Brazil	0.4%	0.0%	0.4%							
Canada	0.3%	2.2%	-1.9%							
China	0.8%	0.0%	0.8%							
France	6.5%	1.5%	5.0%							
Germany	7.3%	1.5%	5.8%							
Hong Kong	-5.6%	0.6%	-6.2%							
India	0.1%	0.0%	0.1%							
Italy	0.5%	0.4%	0.1%							
Japan	1.5%	3.7%	-2.2%							
Mexico	-0.5%	0.0%	-0.5%							
Netherlands	7.8%	0.4%	7.4%							
Poland	-0.4%	0.0%	-0.4%							
South Africa	0.0%	0.0%	0.0%							
South Korea	0.3%	0.0%	0.3%							
Spain	0.6%	0.5%	0.1%							
Sw itzerland	-3.8%	1.4%	-5.2%							
Taiw an	-1.2%	0.0%	-1.2%							
Turkey	0.4%	0.0%	0.4%							
United Kingdom	7.3%	4.1%	3.2%							
United States	21.5%	23.8%	-2.3%							
Emerging Markets	6.2%	6.3%	-0.1%							
GAA Passive	2.1%	2.1%	0.0%							
Total	57.6%	50.0%	7.6%							

#### **Bond Exposure**

Country	Mellon %	Index %	Over %
Australia	-6.8%	0.7%	-7.5%
Canada	-7.7%	0.8%	-8.5%
Emerging Markets	5.0%	5.0%	0.0%
Europe ex UK	33.2%	6.9%	26.3%
International	9.5%	10.0%	-0.5%
Japan	-8.7%	2.7%	-11.4%
United Kingdom	-9.7%	1.1%	-10.9%
United States	25.1%	17.0%	8.1%
GAA Passive	0.8%	0.8%	0.0%

#### Commodity and Cash Exposure

	Mellon %	Index %	Over %
Commodity	5.0%	5.0%	0.0%
Cash	-3.3%	0.0%	-3.3%
Total	1.7%	5.0%	-3.3%

## **Currency Exposure**

	Mellon %	Index %	Over %
Australia	11.5%	1.2%	10.3%
Brazil	0.5%	0.0%	0.5%
Canada	21.6%	1.7%	19.9%
Chile	-0.5%	0.0%	-0.5%
Denmark	0.4%	0.2%	0.2%
Euro	-19.5%	6.4%	-25.9%
Hong Kong	0.0%	0.0%	0.0%
India	0.8%	0.0%	0.8%
Israel	-0.7%	0.0%	-0.7%
Japan	11.9%	3.3%	8.6%
Mexico	0.3%	0.0%	0.3%
New Zealand	6.5%	0.0%	6.5%
Norw ay	0.2%	0.2%	0.0%
Poland	-0.1%	0.0%	-0.1%
Russia	1.2%	0.0%	1.2%
South Africa	0.0%	0.0%	0.0%
South Korea	-1.1%	0.0%	-1.1%
Sw eden	8.5%	0.5%	8.0%
Sw itzerland	0.5%	0.9%	-0.4%
Taiw an	-0.3%	0.0%	-0.3%
Turkey	-0.7%	0.0%	-0.7%
United Kingdom	-8.6%	4.0%	-12.6%
United States	53.8%	69.4%	-15.6%
Emerging Markets	11.3%	11.2%	0.1%
GAA Passive	1.9%	0.0%	1.9%
Total	100.0%	100.0%	0.0%

Source: Mellon Capital Management



# PIMCO All Asset

	•								
	3/31/2011	6/30/2011	9/30/2011	12/31/2011	3/31/2012	6/30/2012	7/31/2012	8/31/2012	9/30/20
0.7%	0.1%	0.3%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.3%
0.7%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%			
0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%		l	I
	-	-	-	-	-	-			I
9.8%	8.0%	13.3%	8.4%	8.2%	6.3%	5.2%	4.8%	4.7%	5.8%
-	-	-	-	-	-	-			
5.3%	4.8%	4.1%	5.0%	5.0%	3.2%	2.0%		l	I
0.0%	0.0%	1.3%	0.1%	0.1%	0.1%	0.1%	l	l	I
4.2%	3.1%	2.8%	3.1%	3.0%	2.8%	2.9%	l	l	I
0.1%	0.1%	2.1%	0.1%	0.1%	0.0%	0.0%	l	l	I
-	-	-	-	-	-	-	l	l	I
0.2%	0.1%	2.9%	0.0%	0.0%	0.2%	0.1%			I
12.0%	12.1%	13.1%	19.4%	24.1%	28.3%	31.0%	31.6%	31.5%	30.89
3.6%	4.2%	3.9%	4.2%	4.4%	4.1%	4.2%			
1.5%	0.8%	1.5%	4.1%	5.7%	7.0%	8.0%	l	l	I
0.6%	0.2%	0.3%	1.5%	2.7%	3.8%	4.5%	l	l	I
	l	l	l		l .	l	l	l	I
3.0%	3.9%	4.6%	6.5%	7.1%	7.7%	8.0%	l	l	I
0.8%	0.7%	0.7%	0.7%	1.5%	2.5%	2.8%	l	l	I
2.6%	2.4%	2.2%	2.4%	2.7%	3.2%	3.4%	l	l	I
-	-	-	-	-	-	-	l	l	I
23.5%	27.8%	27.0%	28.9%	28.9%	28.2%	29.8%	30.4%	30.8%	30.49
3.7%	4.2%	3.4%	3.5%	3.4%	3.2%	3.0%			
6.1%	6.6%	7.6%	7.7%	7.4%	6.9%	6.7%	l	l	I
3.9%	5.7%	4.6%	5.9%	6.5%	6.8%	7.9%	l	l	I
0.8%	1.4%	1.7%	1.6%	1.6%	1.9%	2.5%	l	l	I
8.9%	9.8%	8.9%	9.4%	9.1%	8.6%	8.7%	l	l	I
-	-	0.8%	0.9%	0.8%	0.7%	0.9%			
							11.4%	10.2%	8.0%
							l	l	I
							l	l	I
							l	l	I
			4.5%	1.3%	1.0%	1.0%	0.9%	0.9%	0.9%
			-	-	-		l	l	I
					0.00	0	l	l	ı
0.1%	0.1%	0.2%					l	l	I
-	-	-					l	l	I
							l	l	I
							18.1%	18.0%	18.49
5.9%	7.1%	6.4%	8.2%				l	l	I
		0.704					l	I	I
								I	1
1.1%	1.4%	1.9%	2.3%	2.3%	2.0%	1.9%		I	1
			0.1%	0.8%	2.2%	5.4%	I	I	I
-		0.404		0.555	0.75	0.7507			
0.3%	0.4%	0.4%	0.4%	0.5%	0.2%	0.2%			I
0.3% 0.3%	0.5%	0.6%	0.4%	0.6%	0.6%	0.5%			
0.3%			0.4% 1.0% <b>9.0%</b>	0.6% <b>6.4%</b>	0.6% 4.4%	0.5% 2.2%	2.5%	3.7%	5.49
0.3% 0.3%	0.5%	0.6%	0.4%	0.6%	0.6%	0.5% <b>2.2%</b> 0.2%	2.5%	3.7%	5.49
0.3% 0.3% 26.8%	0.5%	0.6%	0.4% 1.0% 9.0% 0.3%	0.6% <b>6.4%</b> 0.2%	0.6% 4.4% 0.2%	0.5% 2.2% 0.2% 0.4%	2.5%	3.7%	5.4%
0.3% 0.3%	0.5%	0.6%	0.4% 1.0% <b>9.0%</b>	0.6% <b>6.4%</b>	0.6% 4.4%	0.5% <b>2.2%</b> 0.2%	2.5%	3.7%	5.4%
	0.7% 0.1%  9.8%  5.3% 0.0% 4.2% 0.1%  12.0% 3.6% 1.5% 0.6% 3.0% 0.8% 2.6%  23.5% 3.7% 6.1% 3.9% 0.8% 8.9%  18.7% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5	All Asset Fund 30,565.9  12/31/2010 3./31/2011 0.7% 0.1% 0.7% 0.1% 0.0% 0.1% 0.0%	All Asset Fund 30,565.9  12/31/2010 0.7% 0.1% 0.0% 0.1% 0.0% 0.0% 0.1% 0.0% 0.0	All Asset Fund  30,565.9  12/31/2010  3/31/2011  0.7%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.1%  0.0%  0.0%  1.3%  0.1%  0.1%  0.1%  0.1%  0.1%  0.1%  0.1%  0.1%  0.1%  0.1%  0.1%  0.1%  1.5%  0.1%  3.6%  4.2%  3.6%  4.2%  3.6%  4.2%  3.6%  4.2%  3.6%  4.2%  0.3%  1.5%  0.8%  1.5%  0.8%  1.5%  0.8%  1.5%  0.8%  0.7%  0.7%  0.7%  0.7%  2.6%  2.4%  2.2%  2.4%  2.2%  2.4%  2.5%  3.7%  4.6%  5.9%  3.9%  4.6%  5.9%  3.9%  4.6%  5.9%  3.9%  4.6%  5.5%  0.7%  0.7%  0.7%  0.7%  0.7%  1.5%  1.6%  3.9%  4.2%  3.4%  1.5%  1.5%  1.6%  3.9%  4.2%  3.4%  1.5%  1.7%  1.6%  3.9%  1.5%  1.7%  1.6%  3.9%  1.7%  1.6%  3.9%  1.7%  1.6%  3.9%  1.7%  1.7%  1.6%  3.9%  1.7%  1.7%  1.6%  3.9%  1.7%  1.7%  1.6%  3.8%  1.7%  1.7%  1.5%  1.1%  1.0%  1.5%  0.1%	All Asset Fund   30,565.9   12/31/2011   5/30/2011   9/30/2011   12/31/2011   0.7%   0.1%   0.1%   0.0%   0.0%   0.0%   0.1%   0.0%   0.1%   0.0%   0.1%   0.0%   0.1%   0.0%   0.1%   0.0%   0.1%   0.0%   0.1%   0.0%   0.0%   0.1%   0.0%   0.0%   0.1%   0.0%   0.0%   0.1%   0.0%   0.0%   0.0%   0.1%   0.0%	All Asset Fund   30,565.9   12/31/2011   5/30/2011   9/30/2011   12/31/2011   3/31/2012   0.7%   0.1%   0.3%   0.1%   0.1%   0.1%   0.1%   0.1%   0.7%   0.0%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.0%   0.2%   0.2%   0.0%   0.0%   0.2%   0.2%   0.3%   0.1%   0.1%   0.1%   0.1%   0.1%   0.1%   0.0%   0.2%   0.2%   0.3%   0.5%   0.2%   0.3%   0.5%   0.2%   0.3%   0.5%   0.2%   0.3%   0.5%   0.2%   0.3%   0.5%   0.5%   0.2%   0.3%   0.5%   0.5%   0.5%   0.8%   0.7%   0.7%   0.7%   0.7%   0.5%   0.5%   0.8%   0.7%   0.7%   0.7%   0.7%   0.5%   0.8%   0.7%   0.7%   0.7%   0.7%   0.5%   0.8%   0.7%   0.7%   0.7%   0.5%   0.8%   0.7%   0.5%   0.8%   0.7%   0.5%   0.8%   0.7%   0.8%   0.9%   0.8%   0.7%   0.7%   0.1%   0	All Asset   Fund   30,565.9	All Asset   Fund   30,565,9   17,517/2011   6/30/2011   9/30/2011   17/31/2011   3/31/2012   6/30/2012   7/31/2012   0.7%   0.1%   0.3%   0.1%   0.	All Asset   Find

Source: PIMCO



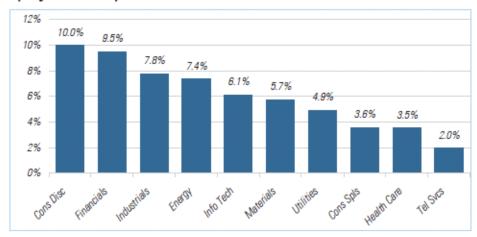
#### PIMCO All Asset

- -PIMCO's All Asset Fund uses a Fund of Mutual Funds approach. Investment funds are continuously reallocated between various PIMCO Mutual funds base on strategic allocation decisions made by the advisor to the investment manager.
- Because both by policy and practice fixed income related securities tend to dominate the All Asset Funds asset allocation, and also because historical risk return measures correlate highly to core fixed income portfolio's. This investment may be categorized as either global asset allocation or core fixed income.
- -The underlying funds may at times invest in derivatives. Use of these instruments may involve risks such as liquidity risk, interest rate risk, market risk, credit risk, management risk and the risk that a fund could not close out a position when it would be most advantageous to do so. Portfolios investing in derivatives can lose more than the principal amount invested.
- -Shares of mutual funds that invest in Treasuries, TIPS and Government Bonds do not have the same guarantees as direct investments in these securities. Mortgage-backed securities are subject to prepayment risk. With corporate bonds there is no assurance that issuers will meet their obligations. An investment in high-yield securities generally involves greater risk to principal than an investment in higher-rated bonds. Investing in non-U.S. securities may entail risk as a result of non-U.S. economic and political developments, which may be increased when investing in emerging markets.
- -No single fund may exceed 50% of the portfolio. There is a maximum exposure of 50% to StocksPLUS, StocksPLUS Total Return and International StocksPLUS TR Strategy Funds combined. There is a maximum exposure of 75% to CommodityRealReturn Strategy, Real Return, Real Return II, Real Return Asset and RealEstateRealReturn Strategy Funds combined.
- -Leverage is permitted but is not expected to be used. Possible investment instruments are Stocks, Bonds, Currency, Commodities, Futures, Options, Options on Futures, and Swaps.
- -The Fund is expected to outperform the Lehman Brothers U.S. TIPS 1-10 Year Index and CPI + 5% over a market cycle. The PIMCO All Asset Fund is a daily valued commingled fund.

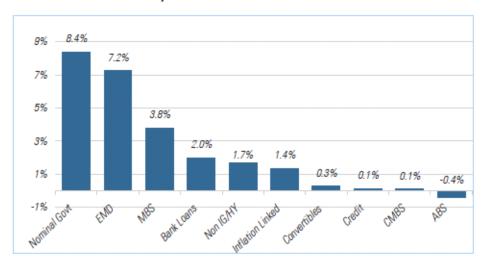


## Wellington OIF

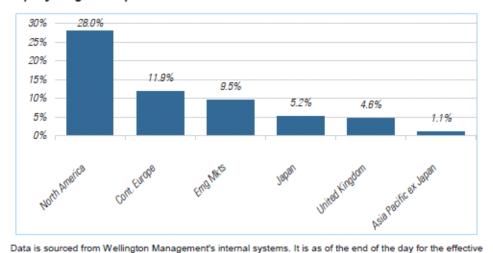
#### **Equity Sector Exposure**



#### Fixed Income Sector Exposure



#### **Equity Region Exposure**



date of the report and reflects unaudited information available as of that date only. Equity sector data is sourced from MSCI; region data is based on the issuing company's domicile. Fixed income sector data is based on sectors defined by the Wellington Management Asset Allocation team.

Source: Wellington Management.



## Wellington OIF

- -The objective of the Opportunistic Investment Allocation approach is to outperform core markets by making timely investments in non-core areas that are attractively valued, have positive structural tailwinds, or are expected to benefit from the anticipated cyclical environment. Opportunistic Investment Allocation is an unconstrained, non-benchmark oriented investment approach.
- -The Opportunistic Investment Allocation approach provides exposure to a variety of investment approaches that focus on non-core areas, such as non-US small cap, emerging markets equity, and sector funds. Non-core areas are inherently interesting as they are typically less efficient sectors of the market where active managers have a history of strong value added. However, a drawback to these investment areas is their high level of volatility. One source of high volatility is structural change, which results in instability of long-term performance characteristics. When performance characteristics are unstable over time it is difficult to address the asset class in a static long-term asset allocation policy. Assuming that historical performance characteristics are representative of future results often leads institutional investors to either buy these niche areas at high valuations (after positive structural surprises) or ignore (sell) them when they are out of favor (after a negative structural surprise). For these reasons, Wellington believes that allocations to these areas should not be strategic, but opportunistic in nature.

## AQR Global Risk Premium Fund

The AQR Global Risk Premium Fund is equally risk weighted between four major asset classes or risk exposures: equities, interest rates, inflation, and alternative risk exposures - almost entirely spread/credit. By diversifying broadly & globally - across the broadest possible set of liquid risk-bearing assets, diversifying risk rather than capital avoiding risk concentration by sizing broad risk exposures equally, the strategy develops a an efficient portfolio that is likely to outperform traditional asset allocations. Individual exposures are implemented through a variety of instruments, including: stock index futures and swaps, bond futures, interest rate swaps, global inflation-linked bonds, currency forwards, credit derivatives, and commodity futures & swaps. Implementation decisions include capital usage, liquidity, transaction costs, and counterparty exposure. Since the strategy is levered, there is limited available capital; therefore, derivative instruments such as swaps and futures, will be preferred to physical investment in a market, all else being equal. The majority of exposures are accessed synthetically - generally, over 70% of the funds capital is invested in cash funds through SSqA and Dreyfus. These are money market funds meant to preserve capital, not meant to chase a spread above LIBOR as an additional source of return. The fund attempts to maintain a healthy liquidity profile, both from a risk management standpoint and in order to fulfill the promise of monthly liquidity to investors. Implementation with the most liquid instruments will be preferred and will help in limiting transaction costs. Swap agreements and forwards take on counterparty risk. Counterparties are chosen based on analysis from a separate counterparty committee who determine approved counterparties across AOR's, limitations to exposures to each counterparty, as well as presenting AOR's credit worthiness to counterparties. Counterparty exposure is spread across several firms in order to minimize this risk.

#### **Estimated Exposure Breakdown**

	Long Exposure (% of NAV)
Equity Risk	
Global Developed Equities	19%
Global Emerging Equities	4%
U.S. Mid Cap Equities	1%
U.S. Small Cap Equities	1%
Total Equity Risk	26%
Nominal Interest Rate Risk	
Global Developed Bonds	95%
Global Emerging Bonds	24%
Total Nominal Interest Rate Risk	119%
Inflation Risk	
Commodities - Production Weighted	9%
Commodities - Volatility Weighted	13%
Global Inflation-Linked Bonds	48%
Total Inflation Risk	70%
Credit/Currency Risk	
Global High Yield Spread	17%
Global Corporate Credit Spread	34%
Emerging Credit Spread	4%
Emerging Currencies	28%
Commercial Mortgage-Backed Spreads	1%
Total Credit/Currency Risk	84%
•	

Source: AQR Capital Management.



September 30, 2012

299%

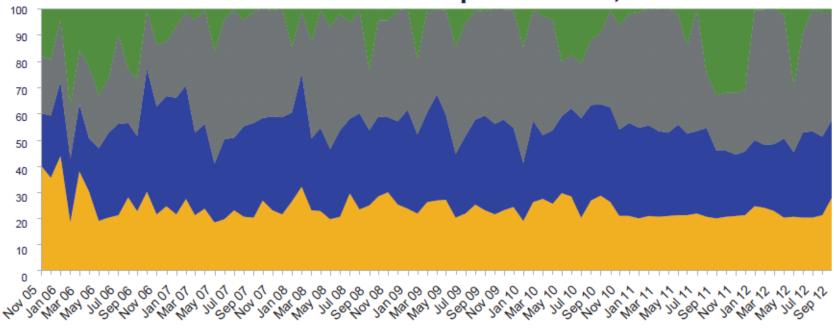
**Total Fund Exposures** 





## Schroder Commodities

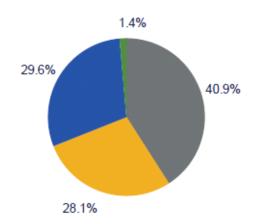
# Asset Allocation as of September 30, 2012



■ Energy

Agriculture

Metals



Source: Schroder Investment Management.

The objective of the Schroders Commodities strategy is to provide investors with a diversified exposure to the Commodities asset class, through investments in commodity futures and commodity related equities. The strategy is a beta or beta-plus product and aims to use active management to exploit the inefficiencies inherent in the asset class. Schroders uses an active, long-only approach to commodities management. No leverage is used and all futures positions are fully collateralized through investments in T-bills of less than one year maturity. As a result of this policy, cash and cash collateral are not subject to any duration or credit risk. The strategy is benchmark unconstrained meaning investments are made based on in-house analysis and implemented when that analysis indicates an attractive risk/reward opportunity. Commodities are not included as a result of their weighting in an index. The focus of Schroders' fundamental commodity analysis is the determination of supply and demand and supply/demand balances and most importantly, how these balances may change in the future. Quantitative, technical and sentiment analyses support the fundamental analysis in terms of the timing and sizing of positions. The investment horizon for the strategy is three to 12 months. Schroders utilize strict diversification rules. The Schroders universe is comprised of over 60 commodities. Commodities are reviewed on an ongoing basis. A commodity will not be held unless the fundamental analysis is positive. Most exposures are held through futures positions although equities may be purchased; typically whereby a commodity does not have an associated futures contract.

Cash





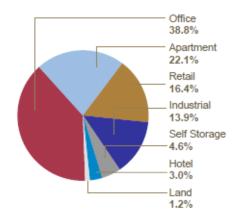


## Morgan Stanley Prime Property

- -The Sponsor, on behalf of the Prime Property Fund, will endeavor to maintain a diversified investment in core U.S. real estate that offers stable, highly predictable cash flow returns. The focus is on high quality office buildings, Class A multifamily communities, warehouse distribution and storage facilities, and top tier super regional malls and shopping centers in targeted primary markets. The Sponsor favors investing in major metropolitan markets and selectively invests in secondary markets that are expected to achieve above-average economic performance. The Sponsor believes that these cities offer better liquidity, more diverse tenant bases and stronger resilience to market cycles.
- -The Sponsor maintains a strong research orientation and utilizes research as a risk mitigation tool. Research is used to assist in market selection, product selection and disposition, and portfolio weightings.
- -Although the methodologies used to determine strategies have remained constant over time, the investment strategy guidelines developed for PRIME have been modified from time to time over the past five years to reflect changes in market conditions and future market expectations.
- -Employment of these strategies have helped PRIME deliver strong relative returns including outperforming the NFI-ODCE benchmark over the trailing 1-year, 3-year, 5-year and 10-year periods

#### PROPERTY SECTOR RETURNS(1,2)

	Third Quarter			
%	Income	Appreciation	Total	
Office	1.4	1.9	3.3	
Retail	1.5	3.6	5.1	
Industrial	1.5	1.0	2.5	
Self Storage	1.6	1.1	2.7	
Apartment	1.1	3.6	4.7	
Hotel	1.1	(3.5)	(2.4)	



#### GEOGRAPHIC REGION RETURNS(1, 2)

	Third Quarter			
%	Income	Appreciation	Total	
East	1.4	1.3	2.7	
Midwest	1.1	2.6	3.7	
South	1.3	2.2	3.6	
West	1.3	2.4	3.8	

West 35.8%

East 31.2%

South 20.4%

Midwest 12.6%

Source: Morgan Stanley.

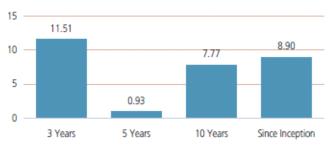


## **UBS Trumbull**

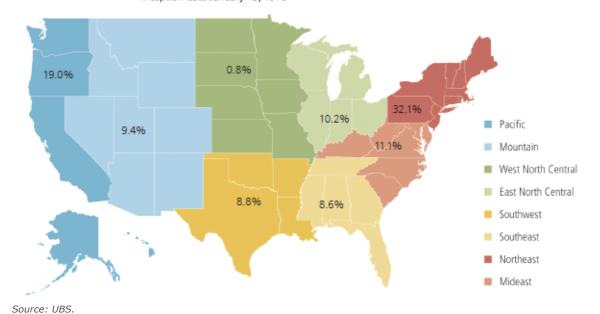
The UBS Trumbull Property Fund (UBS-TPF) is an actively managed core portfolio of equity real estate. The Fund seeks to provide attractive returns while limiting downside risk. The Fund has both relative and real return objectives. Its relative performance objective is to outperform the NFI-ODCE index over any given three-to five-year period. The Fund's real return performance objective is to achieve at least a 5% real rate of return (i.e., inflation-adjusted return), before advisory fees, over any given three- to five-year period.

#### Performance for periods ending September 30, 2012

Gross returns (annualized %)



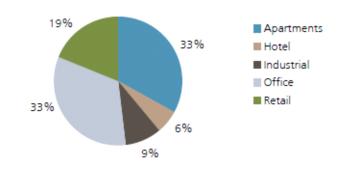
Inception date January 13, 1978



### **Key statistics**

Gross asset value	USD 13.8 bn	Quarterly returns	(%)
(GAV)	(V)		1.32
Net asset value (NAV)	USD 11.8 bn	Appreciation	1.20
Cash as a % of GAV	2.6%	Total (before fees)	2.52
D-h0/	10.50/	Total (after fees)	2.26
Debt as % of GAV	12.5%		
Number of investments	174	One-year rolling return	ns (%)
Number of investors	353	Income	5.32
rumber or investors	333	Appreciation	5.01
Deposits <sup>2</sup>	USD 733.9 m	Total (before fees)	10.53
Redemptions <sup>2</sup>	USD 119.7 m	Total (after fees)	9.41

## Portfolio distribution by property type<sup>1</sup>



## Total returns by property type

Periods ending 9/30/2012	Apt	Hotel	Ind	Office	Retail
Quarter (%)	2.85	2.53	3.27	2.03	2.95
12 months (%)	12.08	7.36	14.09	10.71	11.10



# RREEF America REIT III

RREEF America III is an open-end, value-add fund with the objective of generating returns of 300-500 BPS above a core unlevered real estate portfolio. The fund aims to achieve these returns by upgrading the physical condition, occupancy and operating characteristics of the properties in which it invests. RREEF III will invest across all property types focusing on major metropolitan markets in the United States.

## **Investment Summary**

Net Asset Value <sup>1</sup>	\$940,973,462
Number of Shares Outstanding	16,109,897
Net Asset Value Per Share	\$58.41
Cash Balance of Fund	\$110,630,110
Debt <sup>2</sup>	\$995,710,598
Inception Date <sup>3</sup>	March 31, 2003
Redemption Shares Outstanding	5,391,735
Institutional Investors	118

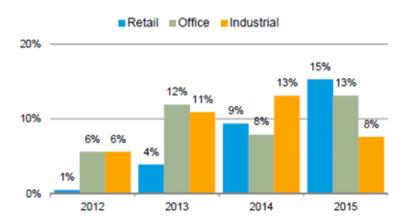
### Diversification/Occupancy

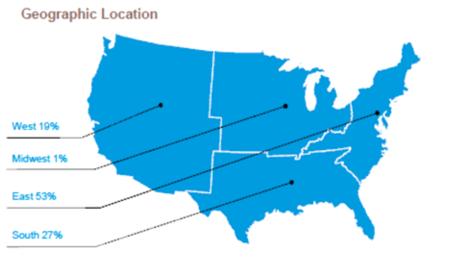
	Real Estate Investments	Gross Real Estate Value (millions)	Percent of Value	Quarter-end Occupancy
Retail	4	\$132.0	7%	88%
Residential	5	718.3	39%	97%
Office	34	651.9	35%	81%
Industrial	22	207.9	11%	81%
Development/ Land/Other	5	143.7	8%	N/A
Total	70	\$1,853.8	100%	84%

Note: Property diversification by type and geographic location based on gross real estate value and primary use of assets.

Source: RREEF.

#### **Lease Maturities**



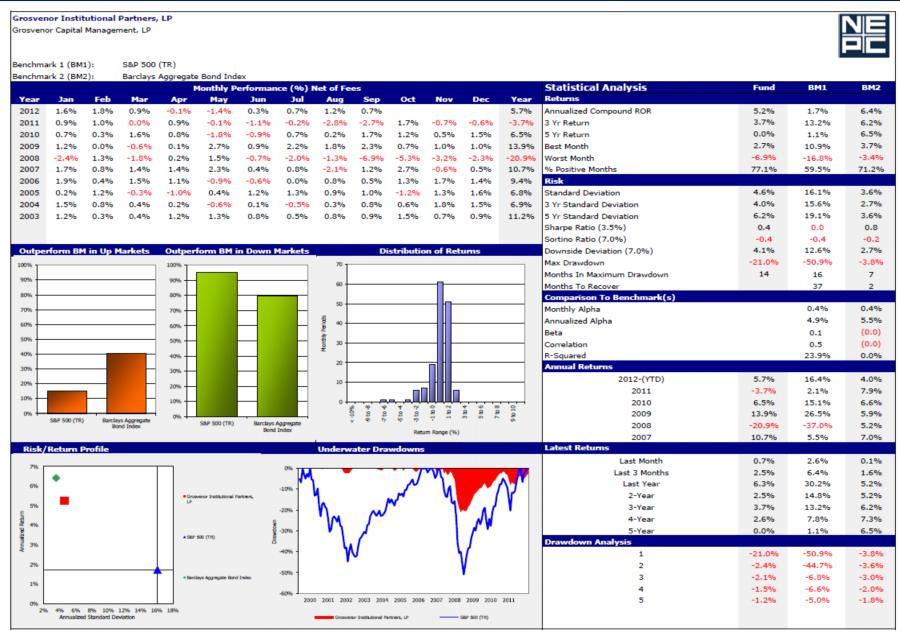








# Grosvenor Institutional Partners, LP







## Grosvenor Institutional Partners, LP

-Generating consistent returns with low volatility and avoiding capital losses and headline risk, is the overall investment philosophy duly embedded in the business ethos of the firm. In enacting this philosophy, Grosvenor consciously pursues proven fundamentally driven strategies that are relatively liquid and have historically maintained a low correlation to traditional markets. However, Grosvenor avoids Macro/CTAs and some leveraged strategies. Low correlation and low volatility would necessarily imply a low equity beta (currently 0.2) Returns are targeted at T bills +5-10% with volatility in 6-7% range. It fears posting mediocre returns of 2-3% suggesting that Grosvenor values top line performance as much as managing volatility.

-Broadly speaking, the GIP portfolio can be visualized as 45% Long/Short equity, 40% fixed income and 15% opportunistic. Currently, the strategy allocation stands as: Equity Hedge 44%, Long/Short credit (incl. structured credit and distressed) 32%, Relative Value/Arbitrage 7%, Risk Arbitrage & Diversified Event 6%, Macro-oriented/vol. arbitrage and tail risk strategies 3%, Cash 8%.

-Grosvenor follows a conventional portfolio construction process which begins by setting investment objectives -returns, volatility and correlation estimatesand strategy constraints and manager limits. Concurrently, the investment committee outlines its broad investment themes in the context of a bigger opportunity set.

# Permal Fixed Income Holdings

Permal Fixed Income Holdings N.V. Permal Group Ltd. Benchmark 1 (BM1): S&P 500 (TR) Benchmark 2 (BM2): Barclays Aggregate Bond Index Statistical Analysis Fund BM1 вм2 Monthly Performance (%) Net of Fees Year Year Mar Oct 2012 2.3% 2.0% 0.1% 0.1% 0.9% 7.1% Annualized Compound ROR 7.1% 6.2% 0.1% -3.0% -4.5% 3 Yr Return 6.1% 13.2% 2011 1.4% 1.3% 1.2% -0.2% -1.4% 0.3% -4.0% 1.9% -0.9% -1.0% 6.2% 11.5% 4.4% 6.5% 2010 1.2% 0.7% 2.4% 2.1% -2.3% -0.7% 1.0% 0.4% 1.9% 2.1% 0.1% 2.2% 5 Yr Return 1.1% 0.5% 5.5% 2.0% 28.6% Best Month 5.9% 10.9% 3.7% 2009 1.1% -0.8% 2.8% 2.9% 3.3% 2.9% 2.9% 1.2% 1.4% -3.4% 2008 -0.7% 0.2% -1.0% 0.5% 0.8% 0.3% -1.8% -1.1% -4.0% -7.4% -2.8% -2.0% -17.5% Worst Month -27.9% -16.8% 1.5% 1.4% 1.5% 0.9% 0.4% 0.7% % Positive Months 72.5% 61.4% 70.9% 2007 0.6% -1.8% 1.8% 2,2% 0.1% 0.0% 9.6% 2006 2.3% 0.6% 1.0% 1.9% -0.2% 0.7% 0.7% 0.3% 1.5% 1.4% 1.6% 11.6% Standard Deviation 9.7% 16.4% 3.5% 2005 1.4% -0.6% 0.4% 1.7% 1.4% 1.3% -1.0% 1.7% 1.5% 8.8% 1.5% 5.3% 15.6% 2.7% 2004 1.3% 0.8% 0.9% -1.4% -0.7% 1.0% 0.2% 1.2% 1.4% 1.5% 2.5% 10.6% 3 Yr Standard Deviation 7.2% 19.1% 3.6% 2003 1.8% 2.4% 3.1% 0.8% 0.0% 0.9% 1.9% 1.9% 18.9% 5 Yr Standard Deviation Sharpe Ratio (3.5%) 0.4 0.2 0.8 Sortino Ratio (7.0%) 0.0 -0.1 -0.3 Outperform BM in Up Markets Outperform BM in Down Markets Distribution of Returns 8.6% 12.3% 2.7% Downside Deviation (7.0%) -50.9% Max Drawdown -36.8% -3.8% Months In Maximum Drawdown 5 16 7 90% Months To Recover 33 37 Comparison To Benchmark(s) Monthly Alpha 0.4% 0.7% 70% 5.4% 8.8% Annualized Alpha Beta 0.3 (0.2)50% Correlation 0.5 (0.1)40% R-Squared 22.9% 0.4% 40% Annual Returns 2012-(YTD) 7.1% 16.4% 4.0% 20% 2011 -4.5% 2.1% 7.9% 2010 11.5% 15.1% 6.6% 2009 28.6% 26.5% 5.9% S&P 500 (TR) S&P 500 (TR) Barclays Aggregate Bond Index 2008 -17.5% -37.0% 5.2% Return Range (%) 5.5% 7.0% Latest Returns Risk/Return Profile **Underwater Drawdow** Last Month 1.5% 2.6% 0.1% Last 3 Months 3.6% 6.4% 1.6% Last Year 7.1% 30.2% 5.2% 5.2% 2-Year 3.4% 14.8% Permai Rived Income Holdings N.V 13.2% 6.2% 4-Year 6.7% 7.8% 7.3% -3096 5-Year 4.4% 1.1% 6.5% ▲ SBP 500 (TD) -40% 6% 2 -17.7% -44.7% -3.6% 3 -15.4% -3.0% -2.5% -6.6% -2.0% 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2% 4% 6% 8% 10% 12% 14% 16% 18% Annualized Standard Deviation Permai Fixed Income Holdings N.V. - SBP 500 (TR)



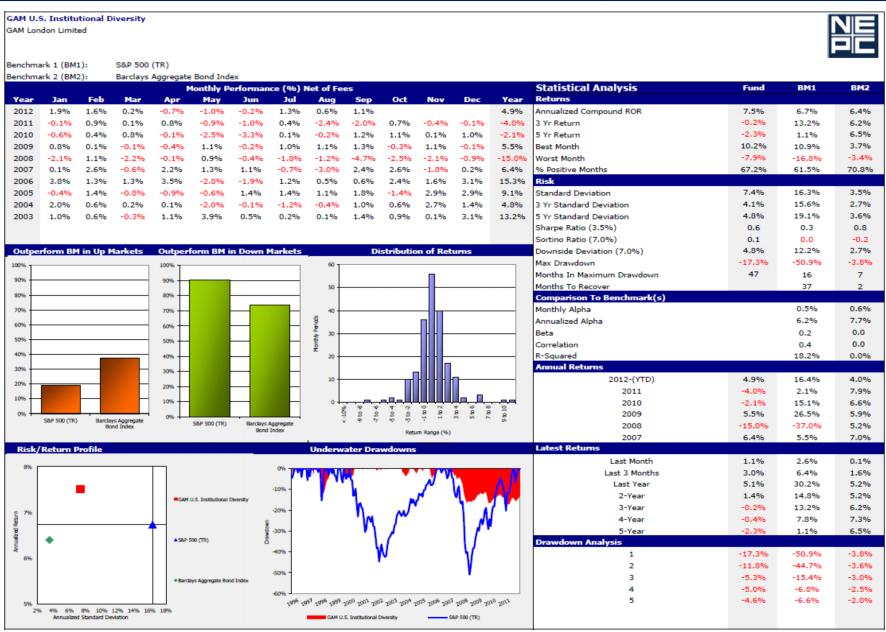


# Permal Fixed Income Holdings

-PFIH is a global, multi-manager, multi-strategy diversified fixed income portfolio. Assets are invested in both credit (57%) and non-credit (41%) spread related strategies. Strategies in the credit spread portion are Developed Markets Fixed Income, Emerging Markets Fixed Income, and Hedged Fixed Income (managers that employ short positions). Strategies in the non-credit portion are Relative Value Arbitrage, Event-Driven, and Global Macro.

-The objective of PFIH is to deliver returns of 8-12% returns with 5-7% volatility. The fund typically invests with about 55-65 managers. Turnover is about 15%/year. This is lower (about 10%) within the group of established managers, and higher (30-35%) among new managers. Three of Permal's overriding philosophies are start small, diversify, and focus time and effort on existing positions.

# GAM U.S. Institutional Diversity







# GAM U.S. Institutional Diversity

- -The GAM Diversity strategy aims seeks to achieve absolute returns with diversification of risk and low correlation to traditional asset classes such as equities and bonds. GAM strategy targets net returns of 9-13% net per annum with 5-7% volatility and 0.2-0.6 correlation to the S&P 500 and 0.0-0.2 correlation to the Barclays Capital US Aggregate Bond Index.
- -The GAM portfolio construction process combines the structural discipline of clear return and risk targets with the bottom-up assessment of opportunity and risk across markets and strategies within a unified portfolio construction framework. GAM would not deviate from the portfolio construction process unless GAM felt the returns and risk characteristics being generated were not meeting GAM's expectations. If this were to happen GAM would take steps to reevaluate the process and make adjustments.
- -Asset allocation for GAM Multi-Manager's portfolios allows each investment manager to draw on the synthesized views of the specialist investment teams and apply them to his or her own portfolios as appropriate. The views of the specialist investment teams are formed and captured on a quarterly basis, when all senior Multi-Manager investment managers gather for the three-day Quarterly Investment Meeting (QIM). The purpose of the QIM is to review formally the prior quarter's investment results, assess opportunities and consider changes to strategic and tactical views.

### Information Disclaimer

- Past performance is no guarantee of future results.
- NEPC relies on the plan's custodian bank for portfolio pricing, calculation of accruals, and transaction information. Information on market indices and security characteristics is received from other sources external to NEPC. While NEPC has exercised reasonable professional care in preparing this report, we cannot guarantee the accuracy of all source information contained within.
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### Glossary of Investment Terminology

# Of Portfolios/Observations<sup>1</sup> – The total number of data points that make up a specified universe

**Allocation Index**<sup>3</sup> - The allocation index measures the value added (or subtracted) to each portfolio by active management. It is calculated monthly: The portfolio asset allocation to each category from the prior month-end is multiplied by a specified market index.

Asset Allocation Effect<sup>2</sup> - Measures an investment manager's ability to effectively allocate their portfolio's assets to various sectors. The allocation effect determines whether the overweighting or underweighting of sectors relative to a benchmark contributes positively or negatively to the overall portfolio return. Positive allocation occurs when the portfolio is over weighted in a sector that outperforms the benchmark and underweighted in a sector that underperforms the benchmark. Negative allocation occurs when the portfolio is over weighted in a sector that underperforms the benchmark and under weighted in a sector that outperforms the benchmark.

Agency Bonds (Agencies)<sup>3</sup> - The full faith and credit of the United States government is normally not pledged to payment of principal and interest on the majority of government agencies issuing these bonds, with maturities of up to ten years. Their yields, therefore, are normally higher than government and their marketability is good, thereby qualifying them as a low risk-high liquidity type of investment. They are eligible as security for advances to the member banks by the Federal Reserve, which attests to their standing.

Asset Backed Securities (ABS)<sup>3</sup> - Bonds which are similar to mortgage-backed securities but are collateralized by assets other than mortgages; commonly backed by credit card receivables, auto loans, or other types of consumer financing.

**Attribution**<sup>3</sup> - Attribution is an analytical technique that allows us to evaluate the performance of the portfolio relative to the benchmark. A proper attribution tells us where value was added or subtracted as a result of the manager's decisions.

**Average Effective Maturity**<sup>4</sup> - For a single bond, it is a measure of maturity that takes into account the possibility that a bond might be called back to the issuer.

For a portfolio of bonds, average effective maturity is the weighted average of the maturities of the underlying bonds. The measure is computed by weighing each bond's maturity by its market value with respect to the portfolio and the likelihood of any of the bonds being called. In a pool of mortgages, this would also account for the likelihood of prepayments on the mortgages.

**Batting Average**<sup>1</sup> - A measurement representing an investment manager's ability to meet or beat an index.

Formula: Divide the number of days (or months, quarters, etc.) in which the manager beats or matches the index by the total number of days (or months, quarters, etc.) in the period of question and multiply that factor by 100.

**Brinson Fachler (BF) Attribution**<sup>1</sup> - The BF methodology is a highly accepted industry standard for calculating the allocation, selection, and interaction effects within a portfolio that collectively explains a portfolio's underlying performance. The main advantage of the BF methodology is that rather than using the overall return of the benchmark, it goes a level deeper than BHB and measures whether the benchmark sector, country, etc. outperformed/or underperformed the overall benchmark.

**Brinson Hood Beebower (BHB) Attribution**<sup>1</sup> - The BHB methodology shows that excess return must be equal to the sum of all other factors (i.e., allocation effect, selection effect, interaction effect, etc.). The advantage to using the BHB methodology is that it is a highly accepted industry standard for calculating the allocation, selection, and interaction effects within a portfolio that collectively explains a portfolio's underlying performance.

**Corporate Bond (Corp)** <sup>4</sup> - A debt security issued by a corporation and sold to investors. The backing for the bond is usually the payment ability of the company, which is typically money to be earned from future operations. In some cases, the company's physical assets may be used as collateral for bonds.

**Correlation**<sup>1</sup> - A range of statistical relationships between two or more random variables or observed data values. A correlation is a single number that describes the degree of relationship between variables.

Data Source: <sup>1</sup>InvestorForce, <sup>2</sup>Interaction Effect Performance Attribution, <sup>3</sup>NEPC, LLC, <sup>4</sup>Investopedia, <sup>5</sup>Hedgeco.net



### Glossary of Investment Terminology

**Coupon<sup>4</sup>** – The interest rate stated on a bond when it is issued. The coupon is typically paid semiannually. This is also referred to as the "coupon rate" or "coupon percent rate."

**Currency Effect**<sup>1</sup> - Is the effect that changes in currency exchange rates over time affect excess performance.

**Derivative Instrument**<sup>3</sup> - A financial obligation that derives its precise value from the value of one or more other instruments (or assets) at the same point of time. For example, the relationship between the value of an S&P 500 futures contract (the derivative instrument in this case) is determined by the value of the S&P 500 Index and the value of a U.S. Treasury bill that matures at the expiration of the futures contract.

**Downside Deviation**<sup>1</sup> - Equals the standard deviation of negative return or the measure of downside risk focusing on the standard deviation of negative returns.

#### Formula:

Annualized Standard Deviation (Fund Return - Average Fund Return) where average fund return is greater than individual fund returns, monthly or quarterly.

**Duration**<sup>3</sup> - Duration is a measure of interest rate risk. The greater the duration of a bond, or a portfolio of bonds, the greater its price volatility will be in response to a change in interest rates. A bond's duration is inversely related to interest rates and directly related to time to maturity.

**Equity/Debt/Cash Ratio**<sup>1</sup> – The percentage of an investment or portfolio that is in Equity, Debt, and/or Cash (i.e. A 7/89/4 ratio represents an investment that is made up of 7% Equity, 89% Debt, and 4% Cash).

**Foreign Bond**<sup>3</sup> - A bond that is issued in a domestic market by a foreign entity, in the domestic market's currency. A foreign bond is most often issued by a foreign firm to raise capital in a domestic market that would be most interested in purchasing the firm's debt. For foreign firms doing a large amount of business in the domestic market, issuing foreign bonds is a common practice.

Hard Hurdle<sup>5</sup> – is a hurdle rate that once beaten allows a fund manager to charge a performance fee on only the funds above the specified hurdle rate.

**High-Water Mark**<sup>4</sup> - The highest peak in value that an investment fund/ account has reached. This term is often used in the context of fund manager compensation, which is performance based. Some performance-based fees only get paid when fund performance exceeds the high-water mark. The high-water mark ensures that the manager does not get paid large sums for poor performance.

**Hurdle Rate**<sup>4</sup> - The minimum rate of return on an investment required, in order for a manager to collect incentive fees from the investor, which is usually tied to a benchmark.

Interaction Effects<sup>2</sup> - The interaction effect measures the combined impact of an investment manager's selection and allocation decisions within a sector. For example, if an investment manager had superior selection and over weighted that particular sector, the interaction effect is positive. If an investment manager had superior selection, but underweighted that sector, the interaction effect is negative. In this case, the investment manager did not take advantage of the superior selection by allocating more assets to that sector. Since many investment managers consider the interaction effect to be part of the selection or the allocation, it is often combined with the either effect.

**Median**<sup>3</sup> - The value (rate of return, market sensitivity, etc.) that exceeds one-half of the values in the population and that is exceeded by one-half of the values. The median has a percentile rank of 50.

**Modified Duration**<sup>3</sup> - The percentage change in the price of a fixed income security that results from a change in yield.

**Mortgage Backed Securities (MBS)**<sup>3</sup> - Bonds which are a general obligation of the issuing institution but are also collateralized by a pool of mortgages.

**Municipal Bond (Muni)** <sup>4</sup> - A debt security issued by a state, municipality or county to finance its capital expenditures.

**Net Investment Change**<sup>1</sup> – Is the change in an investment after accounting for all Net Cash Flows.

**Performance Fee<sup>4</sup>** - A payment made to a fund manager for generating positive returns. The performance fee is generally calculated as a percentage of investment profits, often both realized and unrealized.

Data Source: <sup>1</sup>InvestorForce, <sup>2</sup>Interaction Effect Performance Attribution, <sup>3</sup>NEPC, LLC, <sup>4</sup>Investopedia, <sup>5</sup>Hedgeco.net



### Glossary of Investment Terminology

**Policy Index**<sup>3</sup> - A custom benchmark designed to indicate the returns that a passive investor would earn by consistently following the asset allocation targets set forth in this investment policy statement.

**Price to Book** (P/B)<sup>4</sup> - A ratio used to compare a stock's market value to its book value. It is calculated by dividing the current closing price of the stock by the latest quarter's book value per share, also known as the "price-equity ratio".

**Price to Earnings (P/E)**<sup>3</sup> - The weighted equity P/E is based on current price and trailing 12 months earnings per share (EPS).

**Price to Sales (P/S)**<sup>4</sup> - A ratio for valuing a stock relative to its own past performance, other companies, or the market itself. Price to sales is calculated by dividing a stock's current price by its revenue per share for the trailing 12 months.

**Return on Equity (ROE)**<sup>4</sup> - The amount of net income returned as a percentage of shareholders equity. Return on equity measures a corporation's profitability by revealing how much profit a company generates with the money shareholders have invested.

Selection (or Manager) Effect<sup>2</sup> - Measures the investment manager's ability to select securities within a given sector relative to a benchmark. The over or underperformance of the portfolio is weighted by the benchmark weight, therefore, selection is not affected by the manager's allocation to the sector. The weight of the sector in the portfolio determines the size of the effect—the larger the sector, the larger the effect is, positive or negative.

**Soft Hurdle rate**<sup>5</sup> – is a hurdle rate that once beaten allows a fund manager to charge a performance fee based on the entire annualized return.

**Tiered Fee<sup>1</sup>** – A fee structure that is paid to fund managers based on the size of the investment (i.e. 1.00% fee on the first \$10M invested, 0.90% on the next \$10M, and 0.80% on the remaining balance).

**Total Effects**<sup>2</sup> - The active management (total) effect is the sum of the selection, allocation, and interaction effects. It is also the difference between the total portfolio return and the total benchmark return. You can use the active management effect to determine the amount the investment manager has added to a portfolio's return.

**Total Return**<sup>1</sup> - The actual rate of return of an investment over a specified time period. Total return includes interest, capital gains, dividends, and distributions realized over a defined time period.

Universe<sup>3</sup> - The list of all assets eligible for inclusion in a portfolio.

**Upside Deviation**<sup>1</sup> – Standard Deviation of Positive Returns

**Weighted Avg. Market Cap.** <sup>4</sup> - A stock market index weighted by the market capitalization of each stock in the index. In such a weighting scheme, larger companies account for a greater portion of the index. Most indexes are constructed in this manner, with the best example being the S&P 500.

**Yield** (%)<sup>3</sup> - The current yield of a security is the current indicated annual dividend rate divided by current price.

**Yield to Maturity**<sup>3</sup> -The discount rate that equates the present value of cash flows, both principal and interest, to market price.

Data Source: 1 InvestorForce, 2 Interaction Effect Performance Attribution, 3 NEPC, LLC, 4 Investopedia, 5 Hedgeco.net



### Glossary of Investment Terminology—Risk Statistics

**Alpha** - Measures the relationship between the fund performance and the performance of another fund or benchmark index and equals the excess return while the other fund or benchmark index is zero.

**Alpha Jensen** - The average return on a portfolio over and above that predicted by the capital asset pricing model (CAPM), given the portfolio's beta and the average market return. Also known as the abnormal return or the risk adjusted excess return.

**Annualized Excess Return over Benchmark** - Annualized fund return minus the annualized benchmark return for the calculated return.

**Annualized Return** - A statistical technique whereby returns covering periods greater than one year are converted to cover a 12 month time span.

**Beta** - Measures the volatility or systematic risk and is equal to the change in the fund's performance in relation to the change in the assigned index's performance.

**Information Ratio** - A measure of the risk adjusted return of a financial security, asset, or portfolio.

#### Formula:

(Annualized Return of Portfolio - Annualized Return of Benchmark)/Annualized Standard Deviation(Period Portfolio Return - Period Benchmark Return). To annualize standard deviation, multiply the deviation by the square root of the number of periods per year where monthly returns per year equals 12 and quarterly returns is four periods per year.

**R-Squared** – Represents the percentage of a fund's movements that can be explained by movements in an index. R-Squared values range from 0 to 100. An R-Squared of 100 denotes that all movements of a fund are completely explained by movements in the index.

**Sharpe Ratio** - A measure of the excess return or risk premium per unit of risk in an investment asset or trading strategy.

**Sortino Ratio** - A method to differentiate between good and bad volatility in the Sharpe Ratio. The differentiation of up and down volatility allows the calculation to provide a risk adjusted measure of a security or fund's performance without upward price change penalties.

#### Formula:

Calculation Average (X-Y)/Downside Deviation (X-Y) \* 2Where X=Return Series X Y = Return Series Y which is the risk free return (91 day T-bills) **Standard Deviation** - The standard deviation is a statistical term that describes the distribution of results. It is a commonly used measure of volatility of returns of a portfolio, asset class, or security. The higher the standard deviation the more volatile the returns are.

#### Formula:

(Annualized Return of Portfolio – Annualized Return of Risk Free) / Annualized Standard Deviation (Portfolio Returns)

**Tracking Error** - Tracking error, also known as residual risk, is a measure of the degree to which a portfolio tracks its benchmark. It is also a measure of consistency of excess returns. Tracking error is computed as the annualized standard deviation of the difference between a portfolio's return and that of its benchmark.

#### Formula:

Tracking Error = Standard Deviation  $(X-Y) * \sqrt{(\# of periods per year)}$ Where X = periods portfolio return and <math>Y = the period's benchmark returnFor monthly returns, the periods per year = 12 For quarterly returns, the periods per year = 4

**Treynor Ratio** - A risk-adjusted measure of return based on systematic risk. Similar to the Sharpe ratio with the difference being the Treynor ratio uses beta as the measurement of volatility.

#### Formula:

(Portfolio Average Return - Average Return of Risk-Free Rate)/Portfolio Beta

**Up/Down Capture Ratio** - A measure of what percentage of a market's returns is "captured" by a portfolio. For example, if the market declines 10% over some period, and the manager declines only 9%, then his or her capture ratio is 90%. In down markets, it is advantageous for a manager to have as low a capture ratio as possible. For up markets, the higher the capture ratio the better. Looking at capture ratios can provide insight into how a manager achieves excess returns. A value manager might typically have a lower capture ratio in both up and down markets, achieving excess returns by protecting on the downside, whereas a growth manager might fall more than the overall market in down markets, but achieve above-market returns in a rising market.

UpsideCapture = TotalReturn(FundReturns)/TotalReturns(BMReturn) when Period Benchmark Return is > = 0

 $Downside Capture = Total Return (Fund Returns) / Total Returns (BMR eturn) \ when Benchmark < 0$ 

Data Source: InvestorForce

