

Seema R. Hingorani

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#### JOHN C. LIU COMPTROLLER

THE CITY OF NEW YORK

### MEMORANDUM

TO:	Trustees New York City Employees' Retirement System
FROM:	Seema R. Hingorani
DATE:	December 10, 2013
RE:	NYC Employees' Retirement System Investment Meeting – December 17, 2013
	Enclosed is a copy of the <mark>public agenda</mark> for the December 17, 2013 Investment Meeting. The meeting will be held at 335 Adams Street - Suite 2200, Brooklyn, N.Y., (beginning at 9:30am).
	If you have questions about any agenda item please call me at (212) 669-3679.



THE CITY OF NEW YORK OFFICE OF THE COMPTROLLER 1 CENTRE STREET NEW YORK, N.Y. 10007-2341

John C. Liu

## NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

## INVESTMENT MEETING

DECEMBER 17, 2013

### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

### INVESTMENT MEETING

### DECEMBER 17, 2013

### PUBLIC AGENDA

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I.	Performance Reviews: (30 Minutes)	
	• Quarterly Review/Annual Review – September 30, 2013	
	(To be distributed)	
	• ETI Quarterly Report – September 30, 2013	6
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II.	October Monthly Performance Review: (30 Minutes)	81

### APPENDICES:

- Basket Clause
- Liquidity Analysis

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## PUBLIC AGENDA

I. Performance Reviews:

Quarterly Reports:

ETI Quarterly Report

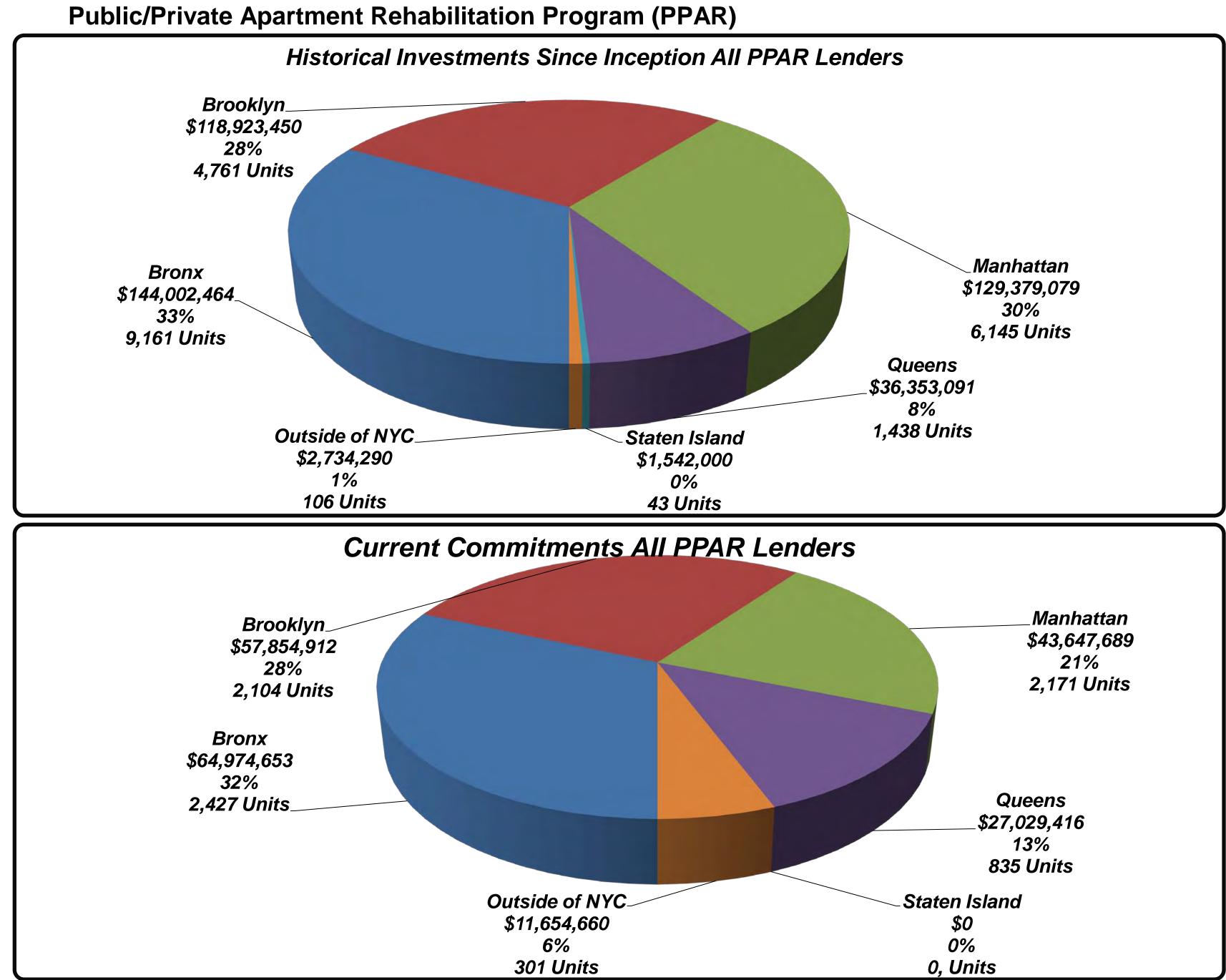
## Public/Private Apartment Rehabilitation Program (PPAR)

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Lenders*	BOA		<u>CCD</u>		<u>CFSB</u>		<u>CPC</u>		<u>JPMC</u>		LIIF		<u>NCBCI</u>		<u>NHS</u>		All Lender T	otals
	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars l	Jnits	Dollars	Units	Dollars	Units	Dollars	Units
Contractual Commitments	\$80,000,000	n/a	\$40,000,000	n/a	\$10,000,000	n/a	\$290,000,000	n/a	\$145,000,000	n/a	\$25,000,000	n/a	\$17,000,000	n/a	\$3,000,000	n/a	\$610,000,000	n/a
Current Market Value	\$16,921,752	n/a	\$6,504,486	n/a	\$2,584,992	n/a	\$149,921,226	n/a	\$35,757,748	n/a	\$4,060,709	n/a	\$2,017,867	n/a	\$1,204,544	n/a	\$218,973,324	n/a
					· · ·													
Commitments 3Q 13																		
(included in total)																		
Bronx	\$0	0	\$0	0	\$0	0	\$338,483	42	\$0	0	\$0	0	\$0	0	\$0	0	\$338,483	42
	φ0	0	ΨU	0	ΨU	0	φ330, <del>4</del> 03 Λ	42	φ <b>υ</b> Ο	0	ΨŪ		ΨŪ	0	ΨŪ	0	φ <b>550,</b> <del>4</del> 05 Λ	42
Brooklyn	0	0	0	0	0	0	COO 020	0	0	0	4 204 250	5 0 5 2	0	0	0	0	2 002 200	96
Manhattan	0	0	0	U	0	0	609,030	33	0	0	1,394,250	53	0	U	0	0	2,003,280	86
Queens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Outside of NYC	0	0	0	0	0	0	6,757,210	148	0	0	0	0	0	0	0	0	6,757,210	148
Total	\$0	0	\$0	0	\$0	0	\$7,704,723	223	\$0	0	\$1,394,250	53	\$0	0	\$0	0	\$9,098,973	276
Delivered 3Q 13																		
(included in total)																		
Bronx	\$0	0	\$0	0	\$0	0	\$1,486,012	96	\$0	0	\$0	o	\$0	0	\$0	0	\$1,486,012	96
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manhattan		0	0	0	0	Ő	237,800	10	ů O	0	552,750	31	313,516	20	0	Ő	1,104,066	61
Queens		0	0	0	0	0	629,350	16	0	0	002,700		010,010	20	ů 0	0	629,350	
Staten Island		0	0	0	0	0	023,330	10	0	0	0	Ő	0	0	0	0	023,330	10
Outside of NYC	0	0	0	0	0	0	2 724 200	106	0	0	0		0	0	0	0	2 724 200	106
	U	U	U	U	U	U	2,734,290	100	U	U	U	v	U	U	U	U	2,734,290	100
Total	\$0	0	\$0	0	\$0	0	\$5,087,452	228	\$0	0	\$552,750	31	\$313,516	20	\$0	0	\$5,953,718	279
Total Commitments																		
Bronx	\$4,725,000	60	\$5,054,800	376	\$0	0	\$20,627,430	1,039	\$32,986,723	835	\$1,580,700	117	\$0	0	\$0	0	\$64,974,653	•
Brooklyn	5,013,633	54	2,471,200	128	0	0	40,645,198	1,543	5,403,311	137	3,387,459	188	934,111	54	0	0	57,854,912	2,104
Manhattan	0	0	348,000	30	0	0	29,313,093	1,429	6,660,071	279	4,716,970	280	2,609,555	153	0	0	43,647,689	2,171
Queens	13,553,136	239	0	0	0	0	12,180,280	500	1,296,000	96	0	0	0	0	0	0	27,029,416	835
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Outside of NYC	0	0	0	0	0	0	11,654,660	301	0	0	0	0	0	0	0	0	11,654,660	301
		C	•	· ·		Ū	; = = - ; = = =		•	•	•	•	•	•	-	· ·	,,,	
Total	\$23,291,769	353	\$7,874,000	534	\$0	0	\$114,420,661	4,812	\$46,346,105	1,347	\$9,685,128	585	\$3,543,666	207	\$0	0	\$205,161,329	7,838
Historical Investments																		
Bronx	\$13,588,893	1,216	\$1,070,000	76	\$0	0	\$100,627,527	6,456	\$26,551,859	1.239	\$2,164,184	174	\$0	0	\$0	0	\$144,002,464	9,161
Brooklyn	1,909,324	88	1,622,323	124	Û Û	0 0	91,980,715	3,831	20,670,313	610	2,080,350	101	0	õ	660,425	7	118,923,450	
Manhattan	1,189,310	48	2,665,158	253	3,223,614	197	74,336,720	4,147	45,463,397	1,362	_,,	0	1,995,989	123	504,891	15		-
Queens		0	800,000	54	0, <u></u> 0,014	0	• •	793	14,795,260	591	0	ň	.,000,000 N	0	00-,001 N	.0	36,353,091	•
Staten Island		0	000,000 N		0 0		260,000	, 33 Q	1,282,000	35	0 0	ň	0 0		0 0	0	1,542,000	-
Outside of NYC			0		0		•	ہ 106	۲,202,000 م	35	0		0		0		• •	
		U	U	V	U	U	2,734,290	100	U	U	U	U U	U	v	U	U	2,734,290	100
Total	\$16,687,527	1,352	\$6,157,481	507	\$3,223,614	197	\$290,697,083	15,341	\$108,762,829	3,837	\$4,244,534	275	\$1,995,989	123	\$1,165,316	22	\$432,934,373	21,654
*Lenders :	Bank of		Citibank Comm	unity	Carver Federa	al	The Commun	•	JP Morgan		Low Income		NCB Capital Imp	act	Neighborhoo			
	America		Developmer	nt	Saving Bank		Preservation Corp	ooration	Chase		Investment Fu	nd			Housing Serv	ice		
	America		Developmer	nt	Saving Bank		Preservation Corp	ooration	Chase		Investment Fui	nd			Housing Serv	ice		

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**Collateral Benefits as of 09/30/2013** 

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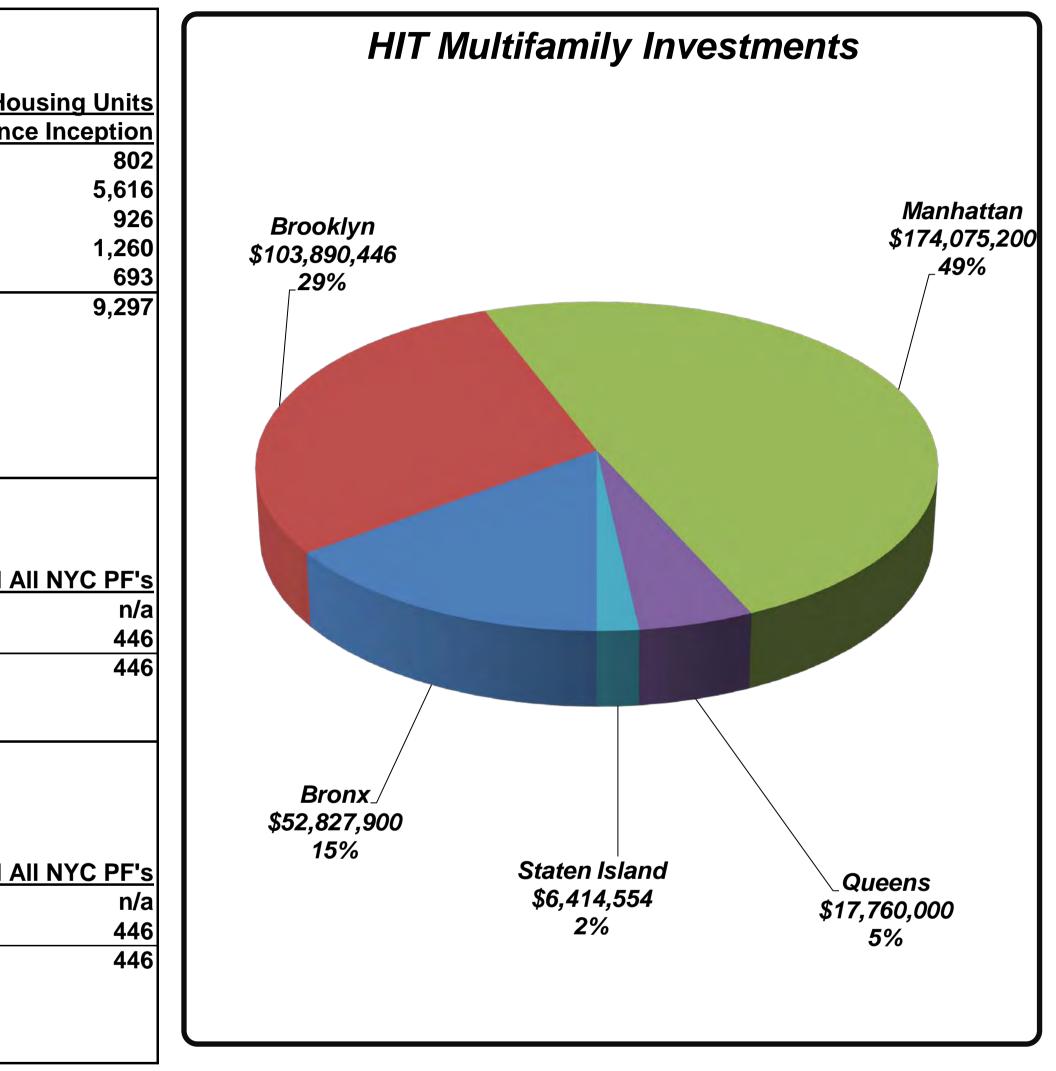
Collateral Benefits as of 09/30/2013

## AFL-CIO Housing Investment Trust (HIT) Market Value \$221.35 million\* NYC Community Investment Initiative (NYCCII)

NYCCII Phase II 2006-2013 Multifamily Investments Detail				
Multinaning investments Detail		Investments		Ho
Borough	3 Q Investments	Since Inception	<u>3Q Housing Units</u>	Sinc
Bronx	<u>o a investimento</u> \$0	\$52,827,900		
Brooklyn	0	103,890,446	0	
Manhattan	40,000,000	174,075,200	0	
Queens	0	17,760,000	0	
Staten Island	0	6,414,554	0	
Total	\$40,000,000	\$354,968,100	0	
Grand Total NYCCII Phase II	\$354,968,100			
NYCCII Phase I 2002 - 2005				
	<u>Dollars</u>	<u>Units</u>	Member Loans	<u>Total A</u>
Multifamily Investments	\$249,123,500	12,337	n/a	
HIT Home Investments	348,300,563	n/a	134	
Total NYCCII Phase I	\$597,424,063	12,337	134	
NYCCII Phases I & II				
	Dollars	<u>Units</u>	<u>Member Loans</u>	<u>Total A</u>
Multifamily Investments	\$604,091,600	21,634	n/a	
HIT Home Investments	2,899,899,500	<u>n/a</u>	134	
Grand Total NYCCII Phases I & II	\$3,503,991,100	21,634	134	

\*Interest is reinvested

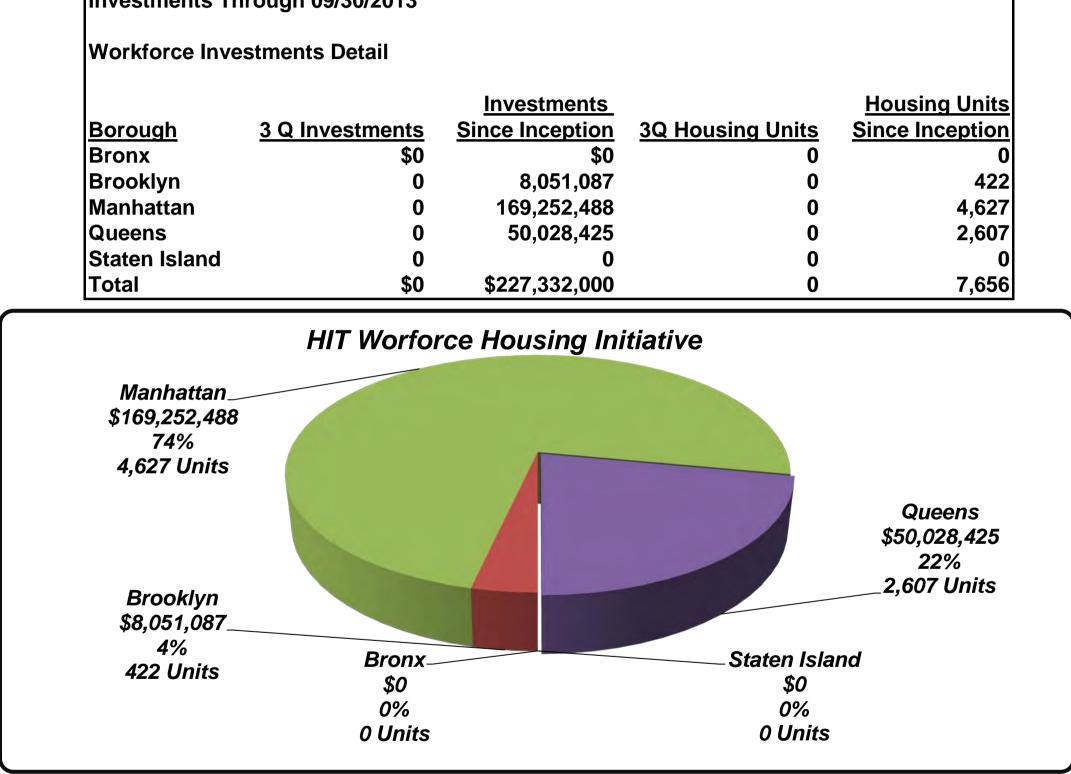
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Collateral Benefits as of 9/30/2013

	ng Investment Trust e Housing Initiative 2	<b>\</b> /		
Investments Th	nrough 09/30/2013			
Workforce Inve	estments Detail			
		<b>Investments</b>		Housing Units
<b>Borough</b>	<u>3 Q Investments</u>	Since Inception	<u>3Q Housing Units</u>	Since Inception
Bronx	\$0	\$0	0	0
Brooklyn	0	8,051,087	0	422
Manhattan	0	169,252,488	0	4,627
Queens	0	50,028,425	0	2,607
Staten Island	0	0	0	0
Total	\$0	\$227,332,000	0	7,656

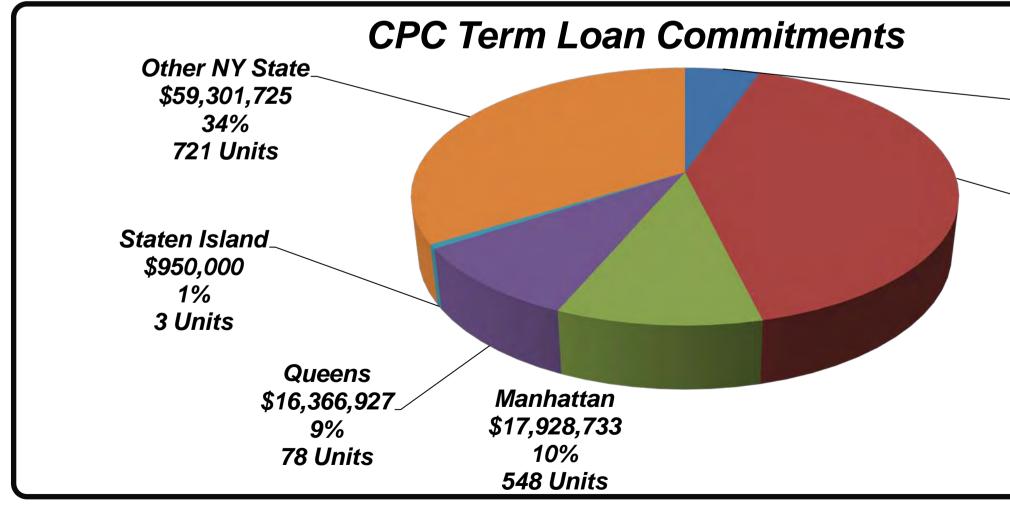


The City of New York - Office of the Comptroller Collateral Benefits as of 09/30/2013

CPC Term Loan	
Commitments All Lenders as of 2Q	\$131,777,835
3Q Paydown	-\$15,332,770
Commitments All Lenders as of 3Q	\$116,445,065
NVCEDS Commitment Share/Market Value* on of 20 2012	¢42.444.600
NYCERS Commitment Share/Market Value* as of 2Q 2013	\$13,141,609
3Q Paydown	-\$1,496,808
NYCERS Commitment Share/Market Value* as of 3Q 2013	\$11,644,801

	# Loar	IS	\$ Committed (	MM)	# Res. Unit	S	# Comm. Unit		
	2Q	3Q	2Q	3Q	2Q	3Q	2Q	30	
Bronx	12	12	\$9.3	\$9.3	443	443	21	21	
Brooklyn	33	29	97.3	71.9	1,128	871	29	22	
Manhattan	24	24	17.9	17.9	548	548	20	20	
Queens	4	5	6.2	16.4	78	78	3	3	
Staten Island	1	1	1.0	1.0	3	3	0	0	
Grand Total NYC	74	71	\$131.8	\$116.4	2,200	1,943	73	66	
Other NY State	27	25	\$58.7	\$59.3	909	721	16	15	

\*Equals the amount drawn down. Interest is paid monthly.



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**Bronx** \$9,335,111 5% 443 Units

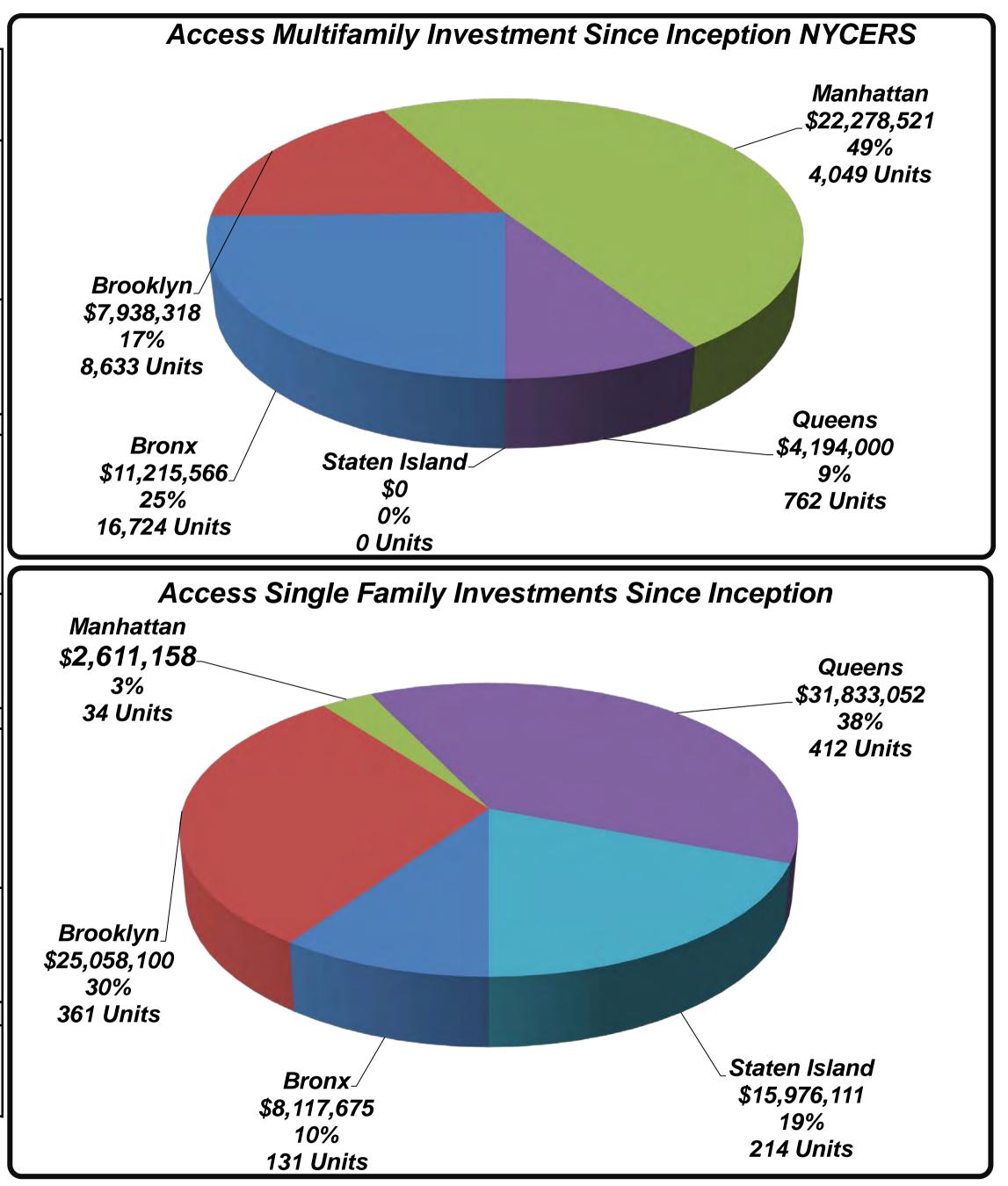
Brooklyn \$71,864,294 41% 871 Units

## ACCESS CAPITAL STRATEGIES (Since Inception 2/1/07)

\$108.0 million Allocated (36% of total account) Market Value \$70.0 million

Multifamily Investments Detail	3Q	Total	3Q	Total
	<u>\$ Invested</u>	(MMs)	<u>Total I</u>	<u>Units</u>
Bronx	\$4.7	\$11.2	15,722	16,724
Brooklyn	2.0	7.9	5,931	8,633
Manhattan	1.0	22.3	281	4,049
Queens	0.0	4.2	0	762
Staten Island	0.0	0.0	0	0
Total NYCERS Multifamily Investments	\$7.7	\$45.6	21,934	30,168
MultifamilyTotal All Systems	\$21.4	\$126.7	21,934	30,168
		<b></b>		<b>T</b> . ( . )
Single Family Investments Detail	3Q	Total	3Q	Total
Durante	<u>\$ Invested</u>		<u>Total U</u>	
Bronx	\$0.5	\$8.1	5	131
Brooklyn	2.5	25.1	28	361
Manhattan	0.3	2.6	6	34
Queens Staten Jaland	4.6	31.8	52	412
Staten Island Total NYCERS Single Family Investments	<u>3.2</u> \$11.0	16.0 \$83.6	<u> </u>	214 1,152
j. j. j.	•			-,
Single Family Total All Systems	\$30.6	\$232.2	130	1,152
Other Investments Detail	3Q	Total	3Q	Total
Other investments Detail	\$ Invested		# of Lo	
Bronx	<u>\$0.0</u>	\$0.2	<u># 01 E.</u> 0	<u>54115</u> 1
Brooklyn	0.0	1.9	0	8
Manhattan	0.0	0.9	0	5
Queens	0.0	0.2	0	3
Staten Island	0.0	0.0	0	0
Total NYCERS Other Investments	\$0.0	\$3.3	0	17
	<b>,</b>		_	
Other InvestmentsTotal All Systems	\$0.0	\$9.0	0	17
Crand Total NVCERS	¢40 7	¢400 E		
Grand Total NYCERS	\$18.7	\$132.5		
A				

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# Collateral Benefits as of 09/30/2013

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	Assets (\$MM)	Trailing 3 Months	6/30/2012 9/30/2013	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Trailing* 15 Years	Since Inception	Data Start Date
EMPLOYEES										
CPC -PPAR	149.92	2.14	2.14	8.75	8.26	8.63	7.92	7.89	8.09	11/30/84
JPM CHASE- PPAR	35.76	1.99	1.99	7.97	6.72	8.01	7.56	6.14	2.89	10/31/01
BOA-PPAR	16.92	1.67	1.67	6.28	****	****	****	****	6.50	01/31/11
CCD-PPAR	6.50	2.35	2.35	10.15	9.86	10.21	****	****	9.17	11/30/06
CFSB-PPAR	2.58	1.86	1.86	6.37	5.66	7.88	****	****	7.25	09/30/06
LIIF-PPAR	4.06	2.14	2.14	8.89	6.33	****	****	****	6.35	07/31/09
NCBCI-PPAR	2.02	3.10	3.10	10.69	9.02	****	****	****	7.90	07/31/09
NHS-PPAR	1.20	2.52	2.52	10.48	7.96	9.57	****	****	8.71	09/30/07
CITIGROUP GNMA +65 BPs per annum		1.31	1.31	-1.40	3.53	5.51	5.51	6.08		
CPC -PPAR	+/-	0.83	0.83	10.15	4.73	3.12	2.41	1.81		
JPM CHASE- PPAR	+/-	0.68	0.68	9.37	3.18	2.50	2.05	0.06	****	
BOA-PPAR	+/-	0.36	0.36	7.68	****	****	****	****	****	
CCD-PPAR	+/- +/-	1.04	1.04	11.55	6.33	4.71	****	****	****	
CFSB-PPAR	+/- +/-	0.55	0.55	7.77	2.13	2.37	****	****	****	
						****	****	****	****	
LIIF-PPAR	+/-	0.83	0.83	10.29	2.79	****	****	****	****	
NCBCI-PPAR	+/-	1.79	1.79	12.09	5.48		****	****	****	
NHS-PPAR	+/-	1.20	1.20	11.88	4.42	4.06				
CPC - Term Loan	11.64	0.61	0.61	2.45	2.32	2.36	****	****	4.01	03/31/04
		0.62					2 00	4 72	****	03/31/04
CPC TERM LOAN CUSTOM BENCHMARK	+/-	(0.00)	0.62 (0.00)	2.50 (0.05)	2.30 0.02	2.36 0.00	3.99 ****	<b>4.73</b> ****	****	
AFL-CIO HOUSING INV TRUST	221.35	0.15	0.15	-2.36	2.65	5.10	4.55	****	4.61	09/30/02
Barclay's Capital U.S. Aggregate Index		0.57	0.57	-1.68	2.86	5.41	4.59	5.27	****	
Darciay's Capital C.C. Aggregate maex	+/-	(0.42)	(0.42)	(0.68)	(0.21)	(0.31)	(0.05)	****	****	
ACCESS RBC	70.00	0.68	0.68	-1.31	2.94	5.94	****	****	5.55	02/28/07
Access/RBC: 60% MI 30 yrs Mortgage Index (MF30)		0.77	0.77	-1.11	2.37	4.24	****	****	4.84	02/28/07
plus 40% U.S. Treasury 1-10 Yr index (G502)	+/-	(0.09)	(0.09)	(0.20)	0.57	1.70	****	****	0.71	02/20/07
GNMA	0.15	2.38	2.38	10.06	7.33	5.98	6.54	6.90	8.55	11/30/84
Citigroup 15 YR, GNMA		0.77	0.77	-0.03	2.57	4.40	4.51	5.36	****	
	+/-	1.61	1.61	10.09	4.76	1.59	2.03	1.55	****	
FNMA	0.79	0.78	0.78	2.00	3.51	5.67	5.92	6.46	7.21	02/29/92
CITIGROUP 15 YR FNMA		0.89	0.89	-0.64	2.21	4.18	4.36	5.09	****	
		(0.11)	(0.11)	2.63	1.30	1.49	1.56	****	****	
TOTAL EMPLOYEES ETI (w/o cash)**	522.91	1.06	1.06	2.34	4.81	6.44	6.03	6.79	8.48	11/30/84
EMPLOYEES CUSTOM ETI BENCHMARK (no cash)		0.91	0.91	-1.35	3.02	5.10	4.94	5.71	****	
	+/-	0.15	0.15	3.69	1.79	1.35	1.09	1.08	****	
	39.83	****	****	****	****	****	****	****	****	10/31/05
ERASMUS	39.03									

\* Historical returns prior to April 2004 provided by Citigroup.

\*\*Time periods greater than one year are annualized. Returns are net of fees and exclude Erasmus and Emmes.

## Collateral Benefits as of 09/30/2013

Private Equity Quarterly Report



## **Private Equity Monitoring Report**

For the period ended June 30, 2013

Report Prepared For:

New York City Employees' Retirement System





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All valuations are based on current values provided by the general partners of the Underlying Funds and may include both realized and unrealized investments. Due to the inherent uncertainty of valuation, the stated value may differ significantly from the value that would have been used had a ready market existed for all of the portfolio investments, and the difference could be material. The long-term value of these investments may be lesser or greater than the valuations provided.

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Prospective investors should inform themselves and take appropriate advice as to any applicable legal requirements and any applicable taxation and exchange control regulations in the countries of their citizenship, residence or domicile which might be relevant to the subscription, purchase, holding, exchange, redemption or disposal of any investments. Each prospective investor is urged to discuss any prospective investment with its legal, tax and regulatory advisors in order to make an independent determination of the suitability and consequences of such an investment.

An investment involves a number of risks and there are conflicts of interest.

StepStone Group LP is an Investment Adviser registered with the Securities and Exchange Commission. StepStone Group Europe LLP is authorized and regulated by the Financial Conduct Authority, firm reference number 551580.

#### Past performance is not necessarily indicative of future results. Actual performance may vary.



## I. Executive Summary

The New York City Employees' Retirement System ("NYCERS") established the Alternative Investment Program (the "Program") on January 1, 1997 on behalf of its beneficiaries to participate in attractive long-term investment opportunities and to provide diversification to its overall pension investment portfolio.

StepStone Group LP ("StepStone") was engaged by NYCERS on September 1, 2011 to provide private equity advisory services for prospective investment opportunities and monitoring and reporting services for existing and new investments.

Since inception through June 30, 2013, the Program has committed US\$7.2 billion to 152 partnership investments (the "Portfolio"). This quarterly monitoring report covers the performance of the Portfolio as of June 30, 2013 Pro-Forma for the Secondary Sale as well as significant activity that occurred during the second quarter of 2013.

#### Quarterly Yearly June 30, 2013 March 31, 2013 June 30, 2012 US\$ in millions Change Change 101 93 8 Number of Managers 95 6 Number of Investments 152 138 14 145 7 Committed Capital \$7,216.7 \$6,824.0 \$6,456.0 \$392.8 \$760.7 Net Contributed Capital<sup>1</sup> \$4,733.5 \$4,655.2 \$4,200.6 \$78.3 \$532.9 Net Distributed Capital<sup>2</sup> \$2,598.7 \$2,432.3 \$1,939.3 \$166.5 \$659.4 Market Value<sup>3</sup> \$3,608.9 \$3,593.5 \$3,363.4 \$15.5 \$245.5 Total Value \$6,207.7 \$6,025.7 \$5,302.7 \$181.9 \$904.9 Total Gain/(Loss) \$1,474.1 \$1,370.5 \$1,102.2 \$103.7 \$372.0 Unfunded Commitment<sup>4</sup> \$2,050.0 \$312.7 \$217.6 \$2,362.7 \$2,145.0 Total Exposure<sup>5</sup> \$5,971.6 \$5,508.5 \$328.2 \$5.643.4 \$463.2 DPI<sup>6</sup> 0.55x 0.52x 0.46x 0.03x 0.09x TVM<sup>7</sup> 0.02x 0.05x 1.31x 1.29x 1.26x IRR<sup>8</sup> 8.6% 8.5% 8.2% + 13 bps + 42 bps TVM Net of StepStone Fees<sup>9</sup> 1.31x 1.29x 1.26x 0.02x 0.05x IRR Net of StepStone Fees<sup>9</sup> 8.6% 8.4% 8.2% + 13 bps + 42 bps

#### **Performance Summary**

<sup>1</sup>Net Contributed Capital represents total contributed capital net of distributions subject to recall.

<sup>2</sup> Net Distributed Capital represents total permanent (non-recallable) distributed capital. Please note that the Net Distributed Capital is presented Pro-Forma for the proceeds received and expected to be received from the sale of 11 partnership investments in secondary transactions that closed during the first half of 2012.

Please note that the Market Value is presented Pro-Forma for the sale of 11 partnership investments in secondary transactions that closed during the first half of 2012.

<sup>4</sup> Unfunded Commitment represents the aggregate remaining commitments to partnership investments. Please note that the Unfunded Commitment is presented Pro-Forma for the sale of 11 partnership investments in secondary transactions that closed during the first half of 2012.

<sup>5</sup> Total Exposure represents the sum of Market Value and Unfunded Commitment.

<sup>6</sup> DPI, or Distributed to Paid-In Multiple, is a performance metric that measures distributions received relative to capital invested. DPI is calculated as Net Distributed Capital divided by Net Contributed Capital.

<sup>7</sup> TVM, or Total Value Multiple, is a performance metric that measures total value created by the Portfolio relative to capital invested, without consideration for time. TVM is calculated as Total Value, which is comprised of Market Value plus Net Distributed Capital, divided by Net Contributed Capital.

<sup>8</sup> IRR, or Internal Rate of Return, is a performance metric that is calculated based on the Portfolio's daily cash flows and market value as of quarter-end. IRR is net of fund manager's fees, expenses and carried interest.

<sup>9</sup> TVM and IRR Net of StepStone fees represent TVM and IRR net of fees paid by NYCERS to StepStone.

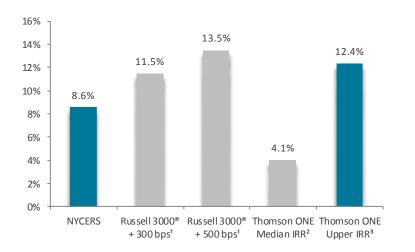


#### Portfolio Performance vs. Benchmarks

The Portfolio's performance is measured against two benchmarks:

- 1. A dollar-weighted public benchmark, which produced the return that would have been earned if NYCERS's private equity cash flows were invested in the Russell 3000<sup>®</sup> Index<sup>1</sup> plus a 300 and a 500 basis point liquidity premium (*the Opportunity Cost Benchmark*).
- 2. The Thomson ONE (formerly Venture Economics) Median Return (the Relative Benchmark).

The following graph illustrates Portfolio IRR performance versus benchmarks as of June 30, 2013.



<sup>1</sup>Benchmark is a dollar-weighted Long-Nickels calculation of quarterly changes in the Russell 3000<sup>®</sup> Index. Russell Investment Group is the source and owner of the trademark, service marks and copyrights related to the Russell Indexes. Russell<sup>®</sup> is a trademark of Russell Investment Group.

<sup>2</sup>Benchmark is provided by Thomson ONE and reflects U.S. All Private Equity Funds Median Quartile IRR as of June 30, 2013 for funds with vintage years 1998 to 2012. Note: Thomson ONE data is continuously updated and is therefore subject to change.

<sup>3</sup>Benchmark is for informational purposes only and is NOT part of the Program's Policy Benchmarks. Benchmark is provided by Thomson ONE and reflects U.S. All Private Equity Funds Upper Quartile IRR as of June 30, 2013 for funds with vintage years 1998 to 2012. Note: Thomson ONE data is continuously updated and is therefore subject to change.

#### **Portfolio Diversification**

#### **By Strategy**

	Market	Market Value		ommitment	Total Exposure		
As of June 30, 2013 (US\$ in millions)	\$	% of Total		% of Total		% of Total	
Buyout	2,239.9	62.1%	1,554.5	65.8%	3,794.3	63.5%	
Growth Equity	218.3	6.0%	182.4	7.7%	400.7	6.7%	
Special Situations	174.7	4.8%	249.0	10.5%	423.7	7.1%	
Energy	263.4	7.3%	46.0	1.9%	309.4	5.2%	
Secondaries	210.2	5.8%	190.2	8.1%	400.4	6.7%	
Co-Investment	58.2	1.6%	36.3	1.5%	94.4	1.6%	
Other	444.4	12.3%	104.2	4.4%	548.6	9.2%	
Total	3,608.9	100.0%	2,362.7	100.0%	5,971.6	100.0%	

#### **By Fund Geographic Focus**

	Market	t Value	Unfunded C	ommitment	Total E	Total Exposure		
As of June 30, 2013 (US\$ in millions)	\$	% of Total		% of Total		% of Total		
North America	2,506.8	69.5%	1,378.3	58.3%	3,885.1	65.1%		
Global	843.9	23.4%	786.4	33.3%	1,630.3	27.3%		
Western Europe	228.4	6.3%	188.9	8.0%	417.3	7.0%		
Rest of World	29.9	0.8%	9.0	0.4%	38.9	0.7%		
Total	3,608.9	100.0%	2,362.7	100.0%	5,971.6	100.0%		



## **II. Market Overview**

#### **Executive Summary**

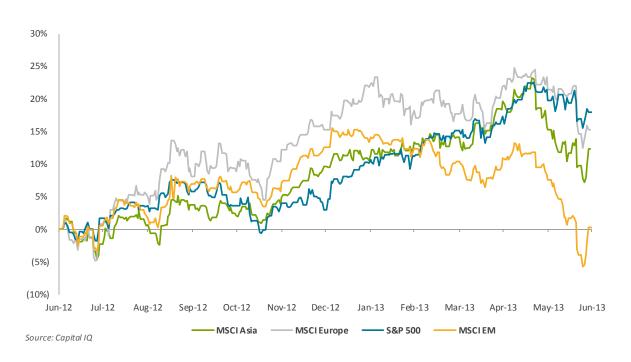
Equity markets experienced a volatile second quarter of 2013. U.S. public equity markets opened the period strong but stumbled on news that the U.S. Federal Reserve might reduce the pace of current stimulus measures yet finished the quarter in positive territory. European and Asian public markets posted losses as Eurozone markets remained weak and China's growth slowed. After a robust first quarter of debt activity, second quarter volume declined 63.7% quarter-over-quarter to \$9.5 billion as a number of large deals fell through; however, debt issuance for the year is still on pace to exceed totals for the last two years. Purchase price multiples for U.S. LBOs declined as well, from 8.4x EBITDA in the first quarter to 7.8x EBITDA in the second quarter, skewed by limited large deal activity. Following a lull in fundraising and private equity investment activity in the first quarter of 2013, second quarter activity rose by 23.8% and 67.2%, respectively. Exit activity was strong, with IPO and M&A volume more than doubling the quarter.

#### **Capital Markets Overview**

#### **Public Equity Markets**

Stocks were mixed globally during the second quarter of 2013. U.S. public equity markets rose, establishing a new record high in May, while non-U.S. equities lagged behind for the second straight quarter. Developed Asian markets declined amid concerns about China's economic slowdown and although Europe remains in recession, the core markets of France, Germany, and the Netherlands produced positive returns, helped by a stronger euro and a European Central Bank interest rate reduction in early May. Emerging markets declined 9.1% during the quarter, due to the weakness of various currencies, slowing growth (particularly in China), commodity price declines, and stubborn inflation in several countries. For the one-year period ending June 30, 2013, each of the global indices below posted positive returns, with the S&P 500 posting the largest increase at 17.9%.







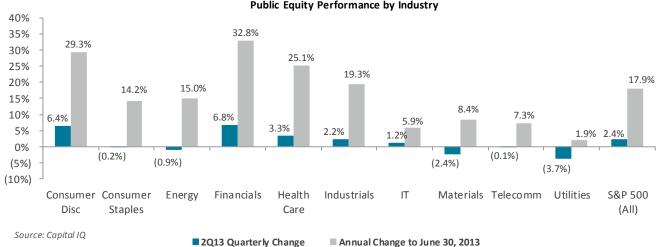
The following table shows the returns of three MSCI indices and the S&P 500 over various time horizons from three months to ten years through June 30, 2013. The S&P 500 was the only index to post a gain during the second quarter of 2013 with a moderate return of 2.4%. On both a three-year and five-year horizon, the S&P 500 has significantly outperformed the other three indices. On the longer 10-year horizon, the MSCI Emerging Market Index grew by more than 180%, which was approximately three times the growth of the MSCI Europe or S&P 500 and more than twice the growth of the MSCI Asia.

Regional Indices										
	Current Qtr	1 Yr	3 Yr	5 Yr	10 Yr					
MSCI Asia	(1.5%)	12.3%	14.7%	(3.8%)	90.6%					
MSCI Europe	(2.0%)	15.3%	22.8%	(20.4%)	53.4%					
MSCI EM	(9.1%)	0.3%	2.4%	(13.5%)	182.6%					
S&P 500	2.4%	17.9%	55.8%	25.5%	64.8%					

For the period ended June 30, 2013

Source: Capital IQ

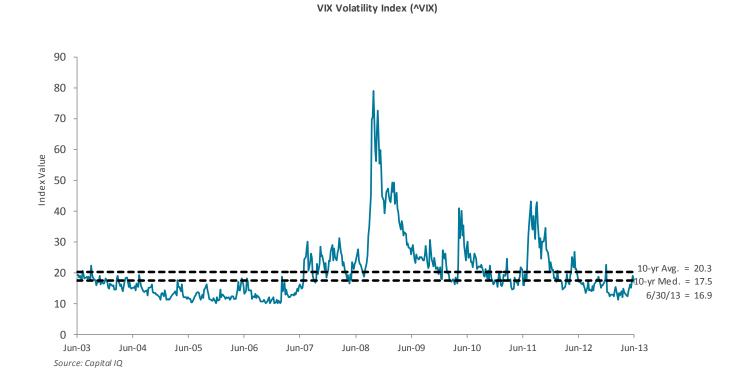
During the second quarter of 2013, weighted average stock prices increased in five of ten industry sectors in the S&P 500. The best performing sectors were Financials and Consumer Discretionary, which posted gains of 6.8% and 6.4%, respectively, over the quarter. Utilities fared the worst, as dividend-paying stocks lost favor due to rising interest rates. Over the past 12 months, all ten sectors exhibited positive performance, with Financials posting the largest gain at 32.8%. The chart below details the capitalization-weighted average change in stock prices for the S&P 500 by industry during the second quarter of 2013 and last 12 months ended June 30, 2013.



#### Public Equity Performance by Industry



The CBOE Volatility Index ("VIX"), maintained by the Chicago Board Options Exchange, is a popular indicator of investor sentiment and public market volatility. VIX measures the market's expectation of 30-day volatility based on S&P 500 index option prices. At the end of the second quarter of 2013 the VIX was trading at 16.9, below the 10-year historical average of 20.3 and the 10-year median of 17.5, but up from the low of 12.7 at March 31, 2013. The graph below depicts the historical level of the VIX over the last ten years through June 30, 2013.

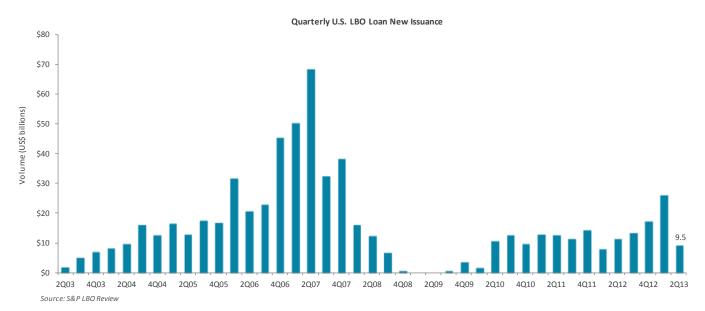


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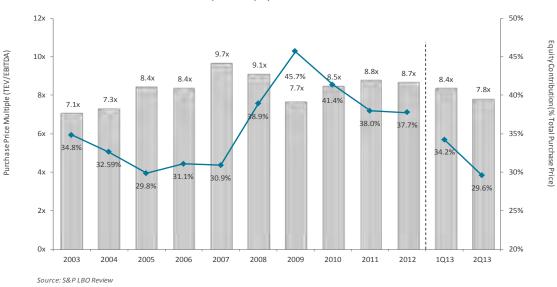


#### **Debt Markets**

During the first half of 2013, U.S. LBO new loan issuance totaled \$35.8 billion, putting 2013 on pace to top the roughly \$50 billion seen in each of the previous two calendar years. During the second quarter, however, the debt market declined significantly due to a number of large deals not materializing and the expected reduction of the bond buying program by the Federal Reserve, which has sustained interest rates at artificially low levels. The following chart shows the quarterly volume of U.S. LBO new loan issuance for the past ten years.



The average purchase price multiple for LBO deals in the second quarter of 2013 was 7.8x total enterprise value ("TEV") to EBITDA, notably lower than the previous quarter multiple of 8.4x and reflective of fewer larger deals that generally command higher multiples. The average equity contribution for LBOs decreased as well, to 29.6% in the second quarter of 2013, down from 34.2% in the first quarter of 2013.



Purchase Price Multiples and Equity Contribution for U.S. LBOs



#### **Private Equity Market Overview**

#### **All Private Equity**

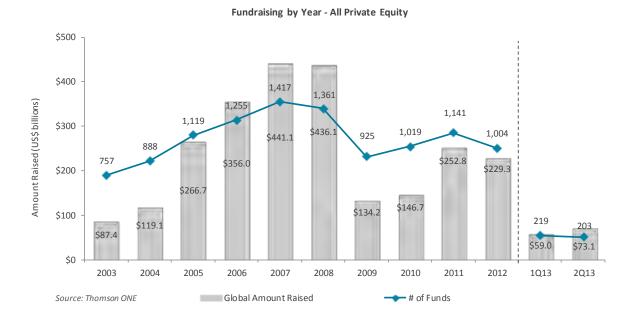
During the second quarter of 2013, private equity fund performance increased 3.4% compared to the S&P 500 which saw an increase of 2.4% during the same period. Of note, the Large/Mega Buyouts sector increased 3.7% during the quarter, the largest single-sector increase during the second quarter. The table below shows the pooled Internal Rate of Return ("IRR") performance of global private equity investments by sector over various investment horizons from 3 months to 20 years through June 30, 2013.

Sector	3 Mo	6 Mo	1 Yr	3 Yr	5 Yr	10 Yr	20 Yr
Venture Capital	2.7%	4.0%	5.0%	5.7%	0.8%	4.6%	14.3%
All Buyouts	3.6%	8.3%	17.6%	12.0%	4.6%	10.7%	10.7%
Small/Middle Buyouts (<\$2bn)	3.4%	5.8%	13.6%	10.1%	3.8%	11.5%	11.9%
Large/Mega Buyouts (>\$2bn)	3.7%	8.9%	18.6%	12.9%	4.9%	10.3%	9.5%
Mezzanine	1.9%	3.1%	10.5%	7.4%	3.1%	6.7%	7.6%
All Private Equity	3.4%	7.5%	15.7%	11.0%	4.3%	9.5%	11.2%

Source: Thomson ONE

#### Fundraising

Private equity fundraising totaled \$73.1 billion in the second quarter of 2013, representing an increase of 23.8% from the prior quarter's total of \$59.0 billion and an increase of 10.3% from the same period in the prior year. Buyout funds accounted for 75.0% of the amount raised during the second quarter, higher than the 10-year average of 65.8%. Venture Capital fundraising was down for the quarter, raising \$4.9 billion, a decrease from \$6.9 billion last quarter. The chart below shows private equity fundraising activity by calendar year over the last ten years and year-to-date through the second quarter of 2013.





#### **Investment Activity**

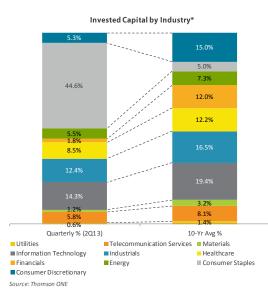
Private equity funds invested \$53.7 billion during the second quarter, an increase of 67.2% from the prior quarter. The large quarter-over-quarter increase is attributable to the \$23.2 billion investment in Pittsburgh ketchup maker, H.J. Heinz Co ("Heinz"). Consequently, the average investment size during the quarter rose as well, to \$18.7 million, or up 67.6%, quarter-over-quarter.

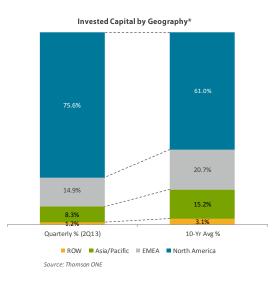


**Investment Activity - All Private Equity** 



The graphs below depict the percentage of invested capital by industry and geography for the second quarter of 2013 and over the last ten years. Due to the Heinz investment, the Consumer Staples sector attracted the most capital, accounting for \$23.3 billion, or 44.0% of total capital invested during the second quarter by private equity firms. This compares to a 10-year pro rata average of 5.0% for the Consumer Staples sector. In the second quarter of 2013, investment activity in the North America region was well above the historical average (due in part to the Heinz deal), representing 75.6% of total invested capital during the quarter compared to 61.0% over the last ten years.





\*Note: Invested Capital is for all private equity from 2Q03 – 2Q13.



#### **Deal Environment**

During the second quarter of 2013, there were 43 private equity-backed IPOs which raised a total of \$13.0 billion, compared to 17 IPOs which raised \$4.0 billion in the first quarter of 2013. On a year-over-year basis, second quarter 2013 activity was down 34.7% in terms of total dollars raised, swayed by the \$16.0 billion IPO of Facebook in May of 2012. There were a total of four IPOs that were greater than \$1 billion during the quarter, the largest being Doubleline Income Solutions Fund (NYSE: DSL), a fixed income investment management firm, which raised \$2.3 billion. Since its IPO debut on April 26, 2013 at \$25.00 per share, Doubleline's share price has decreased 7.2% to \$23.21 per share as of June 28, 2013. The second-largest IPO was HD Supply Holdings, Inc. (NASDAQ: HDS), an industrial distribution company, which raised \$1.1 billion.



IPO Activity - All Private Equity



Private equity-backed Mergers and Acquisitions ("M&A") deal activity increased substantially in the second quarter of 2013 as deal volume more than doubled compared to the prior quarter, largely inflated by the \$28.0 billion Heinz buyout deal. Specifically, 521 deals closed during the second quarter of 2013, totaling \$131.6 billion in deal value, representing a 116.8% quarter-over-quarter increase in deal value. On a year-over-year basis, deal value increased 36.8%.



M&A Activity - All Private Equity



### **III.** Portfolio Review

#### **Quarterly Highlights**

- **Cash Flow Activity** During the second quarter of 2013, the Portfolio made US\$78.3 million of net contributions and received US\$166.5 million of net distributions, for a net cash inflow of US\$88.2 million, compared to a net cash inflow of US\$60.4 million during the prior quarter and a net cash inflow of US\$34.0 million during the second quarter of 2012. Net contributions decreased 24.2% from the prior quarter and 45.5% from the second quarter of 2012. The most recent four quarter average of the Program's net contributions is US\$133.2 million. Net distributions increased 33.5% from the prior quarter and decreased 6.3% from the second quarter of 2012. The most recent four quarter and decreased 6.3% from the second quarter of 2012. The most recent four quarter and decreased 6.3% from the second quarter of 2012. The most recent four quarter and decreased 6.3% from the second quarter of 2012. The most recent four quarter and decreased 6.3% from the second quarter of 2012. The most recent four quarter and decreased 6.3% from the second quarter of 2012. The most recent four quarter and decreased 6.3% from the second quarter of 2012. The most recent four quarter average of the Program's net distributions is US\$192.0 million.
- **Recent Portfolio Activity** During the second quarter of 2013, net of cash flow activity and Pro-Forma for the Secondary Sale, the valuation of the Portfolio increased by US\$103.7 million, or 3.0%, from the prior quarter. The increase in Portfolio value is primarily attributable to strong performance of middle-market buyout funds during the quarter, which generated a US\$35.4 million increase in valuation from the prior quarter-end. During the last twelve months, net of cash flow activity and Pro-Forma for the Secondary Sale, the valuation of the Portfolio increased by US\$372.0 million, or 11.5%, from the quarter ended June 30, 2012.
- New Investment Commitments During the second quarter of 2013, the Program closed on seven new investment commitments, totaling US\$389.6 million.

As of June 30, 2013 (US\$ in millions)	Month Closed	Sub-Strategy	Geographic Focus	Committed (	Capital
Incline Equity Partners III, L.P.	May 2013	Small Buyout	North America	\$	12.0
Grey Mountain Partners Fund III, L.P.	June 2013	Small Buyout	North America		5.6
Olympus Growth Fund VI, L.P.	June 2013	Middle-Market Buyout	North America		75.0
Altaris Health Partners III, L.P.	June 2013	Small Buyout	North America		9.5
Apollo Investment Fund VIII, L.P.	June 2013	Mega Buyout	Global		140.0
Capital Partners Private Equity Income Fund II, L.P.	June 2013	Mega Buyout	Global		7.5
CVC Capital Partners VI, L.P.	June 2013	Small Buyout	North America		140.0
Total				\$	389.6

• **Subsequent Investment Commitments** – Subsequent to quarter-end through December 2, 2013, the Program closed on two new investment commitments, totaling US\$30.0 million.

As of December 2, 2013 (US\$ in millions)	Month Closed	Sub-Strategy	Geographic Focus	Committed C	Capital
Vista Foundation Fund II, L.P.	October 2013	Growth	North America	\$	15.0
FTVentures IV, LP	November 2013	Growth	North America		15.0
Total				\$	30.0



#### **Investment Performance**

#### **Since Inception Performance**

JS\$ in millions	June 30, 2013	March 31, 2013	June 30, 2012	Quarterly Change	Yearly Change
Active Investments					
Number of Managers	90	84	82	6	8
Number of Investments	139	132	125	7	14
Committed Capital	\$6,688.5	\$6,295.9	\$5,928.2	\$392.6	\$760.3
Net Contributed Capital <sup>1</sup>	\$4,343.1	\$4,264.8	\$3,810.2	\$78.3	\$532.9
Net Distributed Capital <sup>2</sup>	\$2,177.5	\$2,011.0	\$1,518.1	\$166.5	\$659.3
Market Value <sup>3</sup>	\$3,608.9	\$3,593.5	\$3,363.4	\$15.5	\$245.5
Total Value	\$5,786.4	\$5,604.5	\$4,881.6	\$181.9	\$904.8
Total Gain/(Loss)	\$1,443.3	\$1,339.6	\$1,071.4	\$103.7	\$371.9
Unfunded Commitment <sup>4</sup>	\$2,362.7	\$2,050.0	\$2,145.0	\$312.7	\$217.6
Total Exposure <sup>5</sup>	\$5,971.6	\$5,643.4	\$5,508.5	\$328.2	\$463.2
DPI <sup>6</sup>	0.50x	0.47x	0.40x	0.03x	0.10
TVM <sup>7</sup>	1.33x	1.31x	1.28x	0.02x	0.05
IRR <sup>8</sup>	9.2%	9.1%	8.9%	+ 13 bps	+ 38 bp
kited Investments					
Number of Managers	11	11	11	-	-
Number of Investments	13	13	13	-	-
Committed Capital	\$528.2	\$528.0	\$527.8	\$0.2	\$0.4
Net Contributed Capital <sup>1</sup>	\$390.4	\$390.4	\$390.4	\$0.0	\$0.0
Net Distributed Capital <sup>2</sup>	\$421.3	\$421.3	\$421.2	\$0.0	\$0.3
Total Value	\$421.3	\$421.3	\$421.2	\$0.0	\$0.1
Total Gain/(Loss)	\$30.9	\$30.9	\$30.8	\$0.0	\$0.1
Unfunded Commitment <sup>4</sup>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
DPI <sup>6</sup>	1.08x	1.08x	1.08x	0.00x	0.00
TVM <sup>7</sup>	1.08x	1.08x	1.08x	0.00x	0.00
IRR <sup>8</sup>	2.1%	2.1%	2.2%	- 3 bps	- 12 bp
otal Portfolio					
Number of Managers	101	95	93	6	8
Number of Investments	152	145	138	7	14
Committed Capital	\$7,216.7	\$6,824.0	\$6,456.0	\$392.8	\$760.7
Net Contributed Capital <sup>1</sup>	\$4,733.5	\$4,655.2	\$4,200.6	\$78.3	\$532.9
Net Distributed Capital <sup>2</sup>	\$2,598.7	\$2,432.3	\$1,939.3	\$166.5	\$659.4
Market Value <sup>3</sup>	\$3,608.9	\$3,593.5	\$3,363.4	\$15.5	\$245.
Total Value	\$6,207.7	\$6,025.7	\$5,302.7	\$181.9	\$904.9
Total Gain/(Loss)	\$1,474.1	\$1,370.5	\$1,102.2	\$103.7	\$372.0
Unfunded Commitment <sup>4</sup>	\$2,362.7	\$2,050.0	\$2,145.0	\$312.7	\$217.6
Total Exposure <sup>5</sup>	\$5,971.6	\$5,643.4	\$5,508.5	\$328.2	\$463.2
DPI <sup>6</sup>	0.55x	0.52x	0.46x	0.03x	0.09
TVM <sup>7</sup>	1.31x	1.29x	1.26x	0.02x	0.05
IRR <sup>8</sup>	8.6%	8.5%	8.2%	+ 13 bps	+ 42 bp

<sup>1</sup>Net Contributed Capital represents total contributed capital net of distributions subject to recall.

<sup>2</sup> Net Distributed Capital represents total permanent (non-recallable) distributed capital. Please note that the Net Distributed Capital is presented Pro-Forma for the proceeds received and expected to be received from the sale of 11 partnership investments in secondary transactions that closed during the first half of 2012.

<sup>a</sup>Please note that the Market Value is presented Pro-Forma for the sale of 11 partnership investments in secondary transactions that closed during the first half of 2012.

<sup>4</sup> Unfunded Commitment represents the aggregate remaining commitments to partnership investments. Please note that the Unfunded Commitment is presented Pro-Forma for the sale of 11 partnership investments in secondary transactions that closed during the first half of 2012.

<sup>5</sup>Total Exposure represents the sum of Market Value and Unfunded Commitment.

<sup>6</sup>DPI, or Distributed to Paid-In Multiple, is a performance metric that measures distributions received relative to capital invested. DPI is calculated as Net Distributed Capital divided by Net Contributed Capital.

<sup>7</sup> TVM, or Total Value Multiple, is a performance metric that measures total value created by the Portfolio relative to capital invested, without consideration for time. TVM is calculated as Total Value, which is comprised of Market Value plus Net Distributed Capital, divided by Net Contributed Capital.
 <sup>8</sup> IRR, or Internal Rate of Return, is a performance metric that is calculated based on the Portfolio's daily cash flows and market value as of guarter-end. IRR is net of fund manager's fees, expenses and carried

<sup>1</sup>IRR, or Internal Rate of Return, is a performance metric that is calculated based on the Portfolio's daily cash flows and market value as of quarter-end. IRR is net of fund manager's fees, expenses and carried interest.



#### Performance by Vintage Year

The following table and chart illustrate the Portfolio's since inception investment performance by vintage year as of June 30, 2013 Pro-Forma for the Secondary Sale relative to the median quartile U.S. All Private Equity TVM and IRR benchmarks as provided by Thomson ONE. Performance of funds that are less than two years old is not meaningful. Note that Thomson ONE data is continuously updated and is therefore subject to change.

As of June 30, 2013 (US\$ in millions)

Vintage Year	Committed Capital	Net Contributed Capital	Net Distributed Capital	Market Value	Unfunded Commitment	Total Exposure	тум	IRR	Thomson ONE U.S. All PE Median Quartile TVM	Thomson ONE U.S. All PE Median Quartile IRR
1998	\$50.0	\$50.1	\$64.1	\$4.4	\$0.0	\$4.4	1.37x	6.3%	1.25x	3.1%
1999	95.0	92.9	113.1	12.0	0.7	12.7	1.35x	7.3%	0.90x	(1.5%)
2000	127.0	110.3	137.9	25.0	7.9	32.9	1.48x	6.4%	1.00x	0.0%
2001	100.0	101.8	161.1	26.5	4.4	30.8	1.84x	20.4%	1.38x	5.6%
2002	190.0	184.5	184.9	93.2	6.1	99.2	1.51x	12.6%	1.14x	1.8%
2003	110.0	93.1	171.7	29.7	12.0	41.7	2.16x	22.9%	1.34x	7.2%
2004	354.9	323.0	277.9	143.0	30.8	173.8	1.30x	7.0%	1.26x	4.8%
2005	549.5	491.5	324.7	293.2	42.1	335.3	1.26x	5.3%	1.30x	6.9%
2006	1,027.6	941.0	434.5	801.7	78.7	880.4	1.31x	6.8%	1.19x	4.5%
2007	987.2	825.9	385.6	613.8	121.4	735.1	1.21x	6.7%	1.34x	9.6%
2008	1,287.6	931.8	267.8	992.3	325.3	1,317.6	1.35x	12.9%	1.29x	10.3%
2009	200.0	123.0	49.3	99.7	56.3	156.0	1.21x	10.0%	1.28x	11.2%
2010	175.0	88.7	1.5	93.3	86.8	180.1	1.07x	4.5%	1.16x	11.6%
2011	799.2	292.1	8.4	313.8	509.5	823.2	1.10x	NM	1.07x	NM
2012	610.5	83.8	16.4	67.6	527.3	594.9	1.00x	NM	0.95x	NM
2013	553.3	-	-	-	553.3	553.3	N/A	N/A	N/A	N/A
Total	\$7,216.7	\$4,733.5	\$2,598.7	\$3,608.9	\$2,362.7	\$5,971.6	1.31x	8.6%	1.16x	4.1%



As of June 30, 2013



#### Portfolio Periodic Returns vs. Russell 3000<sup>®</sup> Index

As of June 30, 2013	1 Year	3 Year	5 Year	10 Year	Since
					Inception
NYCERS IRR	10.8%	11.6%	7.0%	9.2%	8.6%
Russell 3000 <sup>®1</sup>	21.4%	18.4%	10.6%	9.0%	8.5%
Russell 3000 <sup>®</sup> + 300 bps <sup>1</sup>	24.4%	21.4%	13.6%	12.0%	11.5%
Russell 3000® + 500 bps <sup>1</sup>	26.4%	23.4%	15.6%	14.0%	13.5%
NYCERS Outperformance/(Underperformance)					
vs. Russell 3000 <sup>®</sup> + 300 bps <sup>1</sup>	(13.6%)	(9.8%)	(6.6%)	(2.7%)	(2.9%)
vs.Russell 3000 <sup>®</sup> + 500 bps <sup>1</sup>	(15.6%)	(11.8%)	(8.6%)	(4.7%)	(4.9%)

<sup>1</sup>Benchmark is a dollar-weighted Long-Nickels calculation of quarterly changes in the Russell 3000<sup>®</sup> Index. Russell Investment Group is the source and owner of the trademark, service marks and copyrights related to the Russell Indexes. Russell<sup>®</sup> is a trademark of Russell Investment Group.

#### Performance by Strategy / Sub-Strategy

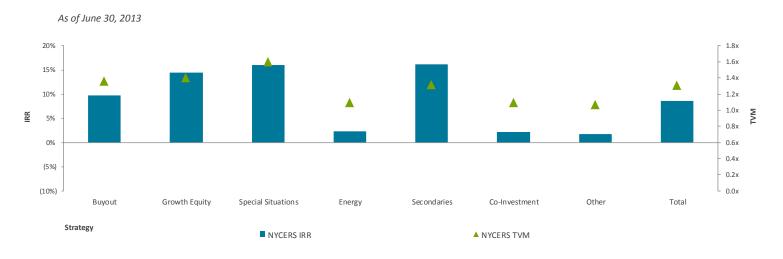
The following table and charts illustrate the Portfolio's since inception investment performance by strategy and sub-strategy as of June 30, 2013 Pro-Forma for the Secondary Sale.

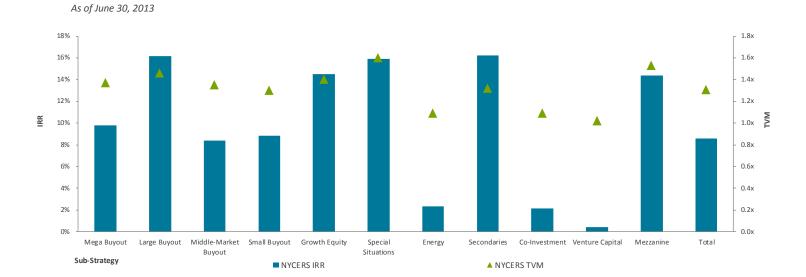
#### As of June 30, 2013 (US\$ in millions)

Strategy / Sub-Strategy	Committed Capital	Net Contributed Capital	Net Distributed Capital	Market Value	Unfunded Commitment	Total Exposure	TVM	IRR
Buyout	\$4,594.5	\$2,947.0	\$1,770.5	\$2,239.9	\$1,554.5	\$3,794.3	1.36x	9.7%
Mega Buyout	1,413.3	679.3	358.8	568.9	698.0	1,266.9	1.37x	9.8%
Large Buyout	682.9	437.8	386.8	254.3	210.9	465.2	1.46x	16.2%
Middle-Market Buyout	1,583.8	1,208.9	671.1	966.2	363.6	1,329.8	1.35x	8.4%
Small Buyout	914.4	621.0	353.9	450.5	282.0	732.4	1.30x	8.8%
Growth Equity	390.8	208.6	74.3	218.3	182.4	400.7	1.40x	14.5%
Special Situations	540.0	270.4	257.8	174.7	249.0	423.7	1.60x	15.9%
Energy	355.0	309.4	72.7	263.4	46.0	309.4	1.09x	2.3%
Secondaries	459.1	269.0	143.9	210.2	190.2	400.4	1.32x	16.2%
Co-Investment	139.3	87.0	36.3	58.2	36.3	94.4	1.09x	2.2%
Other	738.0	642.1	243.2	444.4	104.2	548.6	1.07x	1.8%
Venture Capital	668.0	575.6	169.5	416.5	96.5	513.0	1.02x	0.5%
Mezzanine	70.0	66.5	73.6	27.9	7.7	35.6	1.53x	14.4%
Total	\$7,216.7	\$4,733.5	\$2,598.7	\$3,608.9	\$2,362.7	\$5,971.6	1.31x	8.6%



#### Performance by Strategy





#### Performance by Sub-Strategy



### **Portfolio Diversification**

#### By Strategy/Sub-Strategy

	Market	Market Value Unfunded Co		mmitment	Total Exp	oosure
As of June 30, 2013 (US\$ in millions)	\$	% of Total		% of Total		% of Total
Buyout	2,239.9	62.1%	1,554.5	65.8%	3,794.3	63.5%
Mega Buyout	568.9	15.8%	698.0	29.5%	1,266.9	21.2%
Large Buyout	254.3	7.0%	210.9	8.9%	465.2	7.8%
Middle-Market Buyout	966.2	26.8%	363.6	15.4%	1,329.8	22.3%
Small Buyout	450.5	12.5%	282.0	11.9%	732.4	12.3%
Growth Equity	218.3	6.0%	182.4	7.7%	400.7	6.7%
Special Situations	174.7	4.8%	249.0	10.5%	423.7	7.1%
Energy	263.4	7.3%	46.0	1.9%	309.4	5.2%
Secondaries	210.2	5.8%	190.2	8.1%	400.4	6.7%
Co-Investment	58.2	1.6%	36.3	1.5%	94.4	1.6%
Other	444.4	12.3%	104.2	4.4%	548.6	9.2%
Venture Capital	416.5	11.5%	96.5	4.1%	513.0	8.6%
Mezzanine	27.9	0.8%	7.7	0.3%	35.6	0.6%
Total	3,608.9	100.0%	2,362.7	100.0%	5,971.6	100.0%

#### **By Fund Geographic Focus**

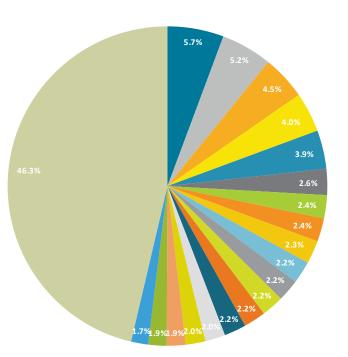
	Market	Market Value		mmitment	Total Exposure		
As of June 30, 2013 (US\$ in millions)	\$	% of Total		% of Total		% of Total	
North America	2,506.8	69.5%	1,378.3	58.3%	3,885.1	65.1%	
Global	843.9	23.4%	786.4	33.3%	1,630.3	27.3%	
Western Europe	228.4	6.3%	188.9	8.0%	417.3	7.0%	
Rest of World	29.9	0.8%	9.0	0.4%	38.9	0.7%	
Total	3,608.9	100.0%	2,362.7	100.0%	5,971.6	100.0%	



#### **By Investment Manager**

As of June 30, 2013 and Pro-Forma for the Secondary Sale, the Portfolio was highly diversified by investment manager, with 19 managers comprising US\$3.2 billion, or 53.7% of total exposure. The remaining 71 managers comprised 46.3% of total exposure as of quarter-end.

> Portfolio Total Exposure by Investment Manager As of June 30, 2013





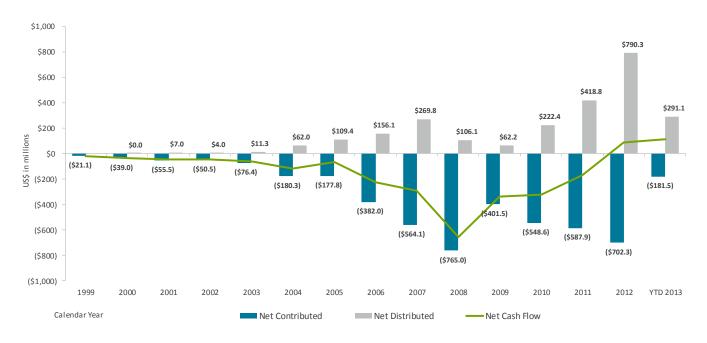
- Apollo Management
- The Blackstone Group
- The Yucaipa Companies
- Landmark Partners
- Ares Management
- The Carlyle Group
- Trilantic Capital Partners
- BC Partners
- CVC Capital Partners
- AXA Private Equity
- New Mountain Capital
- Vista Equity Partners
- Credit Suisse
- Avista Capital Partners
- Energy Investors Funds
- Leonard Green & Partners
- Stone Point Capital
- Warburg Pincus
- EQT Partners
- Remaining 71 managers



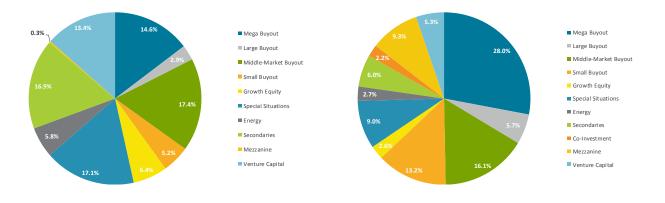
### **Portfolio Cash Flow Analysis**

### Year to Date Cash Flow Activity

During the six months ended June 30, 2013, the Portfolio made US\$181.5 million of net contributions and received US\$291.1 million of net distributions, for a net cash inflow of US\$109.6 million, compared to a net cash outflow of US\$37.3 million during the same period in the prior year. The graph below illustrates cash flow activity since inception by calendar year.



Buyout funds were the most active in terms of cash flow activity during the first six months of 2013. Buyout funds drew down US\$73.0 million, or 40.1% of total net contributions during first six months of 2013, and distributed US\$183.2 million, or 62.9% of total net distributions during the first six months of 2013.



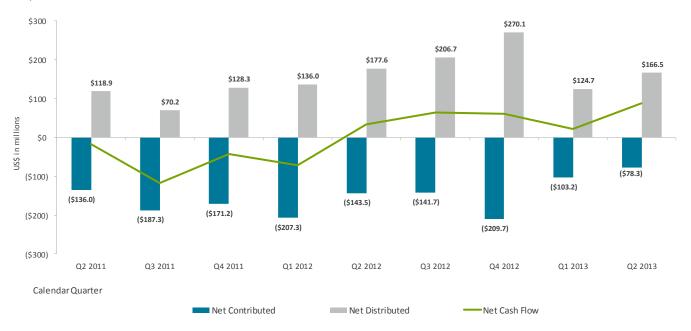
YTD 2013 Net Contributed by Sub-Strategy

YTD 2013 Net Distributed by Sub-Strategy

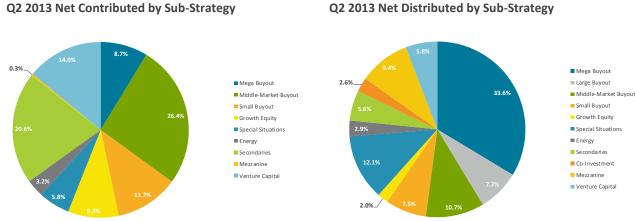


### **Quarterly Cash Flow Activity**

During the second quarter of 2013, the Portfolio made US\$78.3 million of net contributions and received US\$166.5 million of net distributions, for a net cash inflow of US\$88.2 million. The graph below illustrates recent cash flow activity by quarter.



Buyout funds were the most active in terms of cash flow activity during the second quarter of 2013. Buyout funds drew down US\$37.3 million, or 46.7% of total net contributions during the quarter, and distributed US\$99.2 million, or 59.6% of total net distributions during the quarter.

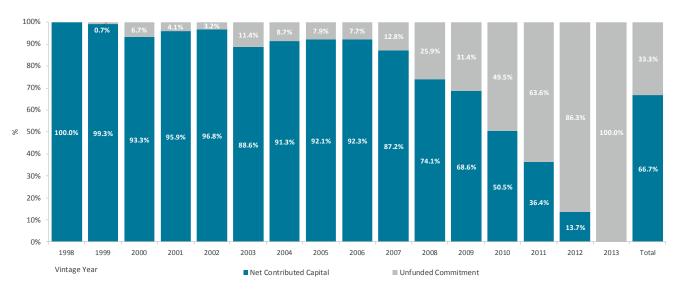


### Q2 2013 Net Distributed by Sub-Strategy



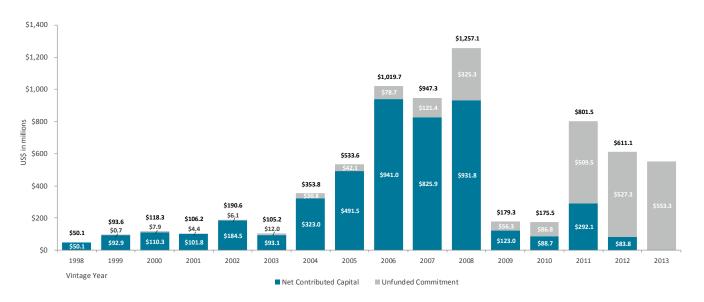
### **Invested Capital by Vintage Year**

The following chart illustrates cumulative net capital contributions as a percentage of total capital commitments, by fund vintage year, as of June 30, 2013 Pro-Forma for the Secondary Sale.



Capital Contributions to Unfunded by Vintage Year (%)

The following chart illustrates cumulative net capital contributions relative to unfunded commitment, by fund vintage year, as of June 30, 2013 Pro-Forma for the Secondary Sale.



### Capital Contributions to Unfunded by Vintage Year (US\$)

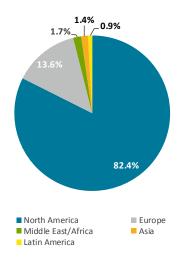


### **Portfolio Company-Level Analysis**

### **Geographic Exposure**

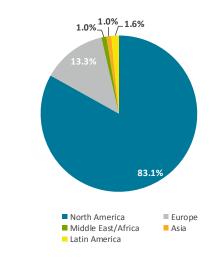
The following charts illustrate the Portfolio's current exposure by geography at the portfolio company level as of June 30, 2013.

### Geographic Exposure by Current Cost



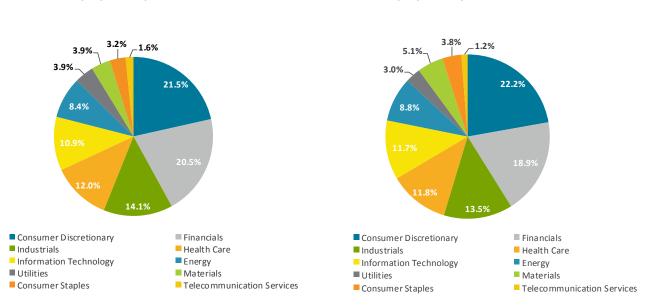
Industry Exposure by Current Cost

**Geographic Exposure by Current Market Value** 



### **Industry Exposure**

The following charts illustrate the Portfolio's current exposure by industry at the portfolio company level as of June 30, 2013. Please note that the Financials category includes investments in various debt securities as well as certain undisclosed fund of funds investments.

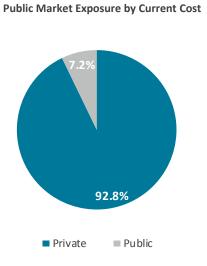


### Industry Exposure by Current Market Value

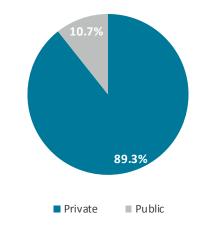


### **Public Market Exposure**

As of quarter-end, publicly traded investments comprised 7.2% of the Portfolio's exposed cost and 10.7% of the Portfolio's exposed market value. The following charts illustrate the current public market exposure at the portfolio company level.



Public Market Exposure Current Market Value





# IV. Appendix



#### New York City Employees' Retirement System Private Equity Portfolio As of June 30, 2013 (in USD)

Vintage Year	Investment	First Drawdown	Committed Capital	Net Contributed Capital	Net Distributed Capital	Market Value	Multiple	IRR
	restments		capital	capital	capital			
1998	VS&A Communications Partners III, L.P.	12/15/1998	50,000,000	\$ 50,063,625	\$ 64,109,887	\$ 4,429,076	1.37x	6.3%
1999	Cypress Merchant Banking Partners II, L.P.	3/29/1999	50,000,000	49,915,114	39,282,042	4,711,979	0.88x	(2.5%)
1999	FdG Capital Partners LLC	6/2/1999	25,000,000	24,302,765	38,113,544	5,169,592	1.78x	14.9%
1999	Lincolnshire Equity Fund II, L.P.	10/20/1999	20,000,000	18,711,603	35,688,993	2,156,426	2.02x	24.9%
2000	Carlyle Partners III, L.P.	3/1/2000	50,000,000	44,860,083	97,955,478	79,385	2.19x	20.5%
2000	Solera Partners, L.P.	5/26/2000	20,000,000	13,557,985	21,473,668	16,131,409	2.77x	10.4%
2000	SCP Private Equity Partners II, L.P.	6/15/2000	30,000,000	27,931,907	5,949,854	8,751,129	0.53x	(8.4%)
2001	Ripplewood Partners II, L.P.	2/28/2001	20,000,000	21,724,315	16,126,720	8,478,242	1.13x	3.5%
2001	New Mountain Partners, L.P.	3/16/2001	20,000,000	17,107,647	22,908,592	1,893,168	1.45x	12.6%
2001	Apollo Investment Fund V, L.P.	4/13/2001	40,000,000	37,444,293	93,741,085	6,213,987	2.67x	38.7%
2001 2002	RRE Ventures III, L.P.	7/6/2001 7/1/2002	20,000,000	25,545,365	28,287,854	9,874,453	1.49x 1.38x	7.5%
2002	Yucaipa American Alliance Fund I, LP Thomas, McNerney & Partners, L.P.	10/9/2002	90,000,000	90,079,247	54,710,774 7,003,139	69,383,253	0.78x	8.0% (5.6%)
2002	BDCM Opportunity Fund, L.P.	10/14/2002	20,000,000 25,000,000	19,300,000 23,014,932	53,528,457	8,078,190 5,792,566		(3.0%)
2002	Landmark Equity Partners XI, L.P.	10/23/2002	55,000,000	52,103,148	69,626,836	9,908,746	1.53x	24.2%
2002	FS Equity Partners V, L.P.	1/20/2003	25,000,000	20,068,645	34,979,297	9,048,831	2.19x	17.2%
2003	Blackstone Capital Partners IV, L.P.	2/26/2003	40,000,000	29,536,989	72,832,297	11,671,456	2.15x	39.7%
2003	Ares Corporate Opportunities Fund, L.P.	4/1/2003	45,000,000	43,544,210	63,920,874	8,932,992	1.67x	14.2%
2003	Markstone Capital Partners, LP	1/30/2004	40,000,000	39,574,233	17,078,400	16,176,257	0.84x	(4.4%)
2004	FdG Capital Partners II LP	8/30/2004	35,000,000	28,091,450	19,109,535	12,415,252	1.12x	1.9%
2004	Paladin Homeland Security Fund (NY City), L.P.	9/27/2004	15,000,000	15,155,182	1,809,212	7,098,302	0.59x	(8.2%)
2004	Lincolnshire Equity Fund III, L.P.	10/1/2004	55,000,000	51,855,733	61,652,696	34,176,343	1.85x	34.9%
2004	New York/Fairview Emerging Managers Fund, L.PTranche 1	10/21/2004	32,000,000	29,040,000	7,432,758	21,698,724	1.00x	0.1%
2004	Aurora Equity Partners III L.P.	11/16/2004	50,000,000	50,587,790	45,872,066	33,606,544	1.57x	12.7%
2004	Trilantic Capital Partners III L.P.	11/18/2004	50,000,000	36,821,547	55,376,045	2,655,640	1.58x	13.0%
2004	Celtic Pharmaceutical Holdings L.P.	12/23/2004	25,000,000	25,402,094	402,094	15,202,735	0.61x	(8.0%)
2005	Palladium Equity Partners III, L.P.	11/12/2004	35,000,000	29,274,242	19,799,454	33,745,741	1.83x	18.2%
2005	New Mountain Partners II, L.P.	1/12/2005	46,451,615	36,300,449	49,205,221	22,753,921	1.98x	13.5%
2005	VSS Communications Partners IV, L.P.	3/14/2005	25,000,000	25,855,270	6,132,432	14,074,971	0.78x	(5.0%)
2005	Prism Venture Partners V-A, L.P.	7/14/2005	30,000,000	30,000,000	7,035,880	13,627,586	0.69x	(9.7%)
2005	Erasmus New York City Growth Fund	8/16/2005	40,000,000	34,819,694	24,364,881	5,750,477	0.86x	(3.1%)
2005	Quadrangle Capital Partners II LP	8/29/2005	65,000,000	52,621,127	29,386,729	32,397,658	1.17x	3.6%
2005	Snow Phipps Group, L.P.	9/7/2005	20,000,000	17,851,815	10,675,201	13,752,054	1.37x	9.7%
2005	GI Partners Fund II L.P.	9/26/2005	35,000,000	35,243,135	18,795,258	33,895,918	1.50x	7.7%
2005	Blackstone Mezzanine Partners II, L.P.	10/10/2005	25,000,000	21,822,514	22,902,000	6,712,233	1.36x	8.1%
2005	Psilos Group Partners III, L.P.	10/24/2005	35,000,000	34,823,682	17,141,623	29,378,843	1.34x	7.9%
2005	USPF II Institutional Fund, L.P.	11/23/2005	65,000,000	65,000,000	25,067,165	57,116,912	1.26x	5.1%
2005	JP Morgan Fleming (Tranche A)	12/21/2005	43,000,000	36,049,548	13,142,218	29,973,682	1.20x	5.1%
2006	Aisling Capital II, LP	1/12/2006	7,000,000	5,757,219	1,219,311	4,695,309	1.03x	0.6%
2006	InterMedia Partners VII, L.P.	1/20/2006	25,000,000	24,523,304	331,937	37,673,836	1.55x	8.3%
2006	Terra Firma Capital Partners III, L.P.	3/8/2006	52,690,562	50,052,857	1,123,857	27,413,701	0.57x	(14.2%)
2006	BDCM Opportunity Fund II, L.P.	3/29/2006	25,000,000	24,083,406	7,391,262	35,542,669	1.78x	16.3%
2006	Blackstone Capital Partners V, L.P.	4/13/2006	123,900,000	117,218,941	30,875,094	118,596,826	1.28x	5.0%
2006	Avista Capital Partners, L.P.	4/27/2006	45,000,000	45,026,821	28,175,088	36,327,717	1.43x	7.9%
2006	GSC Recovery III, L.P. Apollo Investment Fund VI, L.P.	5/4/2006	25,000,000 90,000,000	25,990,775	17,729,006 50,393,774	11,391,818	1.12x	3.2%
2006 2006	Landmark Equity Partners XIII, L.P.	5/10/2006 5/11/2006	50,000,000	80,507,317	32,672,270	77,732,343 23,480,849	1.59x 1.20x	9.3% 5.1%
2006	Ares Corporate Opportunities Fund II, L.P.	5/23/2006	50,000,000	46,864,581 43,943,286	56,187,497	22,027,482	1.20x	13.8%
2006	Fairview Ventures Fund III, L.P.	6/29/2006	25,000,000	20,936,840	5,184,858	22,528,177	1.78x	10.8%
2006	Ampersand 2006	8/14/2006	25,000,000	23,500,000	12,332,196	21,398,585	1.44x	9.7%
2006	CCMP Capital Investors II, L.P.	8/17/2006	30,000,000	28,281,090	13,916,869	29,711,986		14.5%
2006	Perseus Partners VII, L.P.	8/31/2006	30,000,000	28,578,413	144,122	10,763,139	0.38x	(22.4%)
2006	Thomas, McNerney & Partners II, L.P.	11/30/2006	25,000,000	21,437,500	3,120,413	18,969,055	1.03x	0.9%
2006	Catterton Partners VI, L.P.	12/14/2006	45,000,000	40,736,077	17,356,442	64,158,385	2.00x	15.9%
2006	First Reserve Fund XI, L.P.	12/14/2006	45,000,000	44,816,513	15,402,651	38,426,281	1.20x	4.8%
2006	Arsenal Capital Partners II, LP	12/19/2006	22,500,000	20,175,929	3,772,933	23,702,486	1.36x	8.1%
2006	RRE Ventures IV, L.P.	12/19/2006	35,000,000	38,544,022	6,680,155	41,908,540	1.26x	6.9%
2006	MidOcean Partners III, L.P.	12/21/2006	60,000,000	51,569,016	3,710,534	56,476,111	1.17x	4.2%
2006	GF Capital Private Equity Fund, L.P.	12/22/2006	20,000,000	19,995,254	13,896,523	16,367,927	1.51x	16.4%
2006	The Fourth Cinven Fund	1/22/2007	71,470,087	62,930,578	28,879,705	62,374,569	1.45x	8.8%
2007	Pegasus Partners IV, L.P.	1/29/2007	30,000,000	30,155,485	12,658,392	26,366,581	1.29x	7.3%
2007	FTVentures III, LP	3/1/2007	25,000,000	16,950,264	10,870,681	28,515,242	2.32x	20.0%
2007	Co-Investment Partners Europe, L.P.	3/19/2007	39,835,390	37,773,241	4,249,955	39,376,562	1.15x	4.7%
2007	Montreux Equity Partners IV, L.P.	3/27/2007	20,000,000	19,190,000	6,592,834	17,278,606	1.24x	7.6%
2007	Quaker BioVentures II, L.P.	3/30/2007	20,000,000	14,403,151	2,197,588	9,564,693	0.82x	(7.6%)
2007	SCP Vitalife Partners II Fund	4/13/2007	20,000,000	17,499,698	1,579	13,674,768	0.78x	(8.7%)
2007	Craton Equity Investors I, L.P.	4/30/2007	20,000,000	19,759,607	12,194	13,386,686	0.68x	(11.6%)
2007	Nautic Partners VI, L.P.	5/14/2007	30,000,000	27,748,439	7,202,114	28,144,891	1.27x	8.0%
		5/22/2007	25,000,000	24,289,545		21,960,621	0.90x	(3.4%)
2007	Constellation Venture Capital III, L.P.	5/22/2007	23,000,000	21,200,010		21,500,021		

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#### New York City Employees' Retirement System Private Equity Portfolio As of June 30, 2013 (in USD)

Year 2007 2007 2007 2007 2007 2007 2007 200	Halyard Capital Fund II, L.P. Carlyle Partners V, L.P. PCG Clean Energy & Technology Fund (East), LLC GSO Capital Opportunities Fund LP StarVest Partners II, L.P.	7/2/2007 7/6/2007 7/6/2007	Capital 25,000,000 70,000,000	Capital 18,545,924	Capital 655,538	16,324,512	0.92x	10
2007 2007 2007 2007 2007 2007 2007 2007	Carlyle Partners V, L.P. PCG Clean Energy & Technology Fund (East), LLC GSO Capital Opportunities Fund LP	7/6/2007						(2.5%)
2007 2007 2007 2007 2007 2007 2007	GSO Capital Opportunities Fund LP	7/6/2007		57,573,691	22,511,038	59,957,916	1.43x	12.4%
2007 2007 2007 2007 2007 2007			90,000,000	73,882,709	4,115,910	48,154,893	0.71x	(11.1%)
2007 2007 2007 2007 2007	StarVest Partners II, L.P.	7/16/2007	45,000,000	44,698,256	50,739,287	21,214,974	1.61x	19.5%
2007 2007 2007 2007		8/1/2007	25,000,000	18,111,500	6,556	14,354,552	0.79x	(9.1%)
2007 2007 2007	New Mountain Partners III, L.P.	8/9/2007	100,000,000	90,086,970	21,151,328	89,189,318	1.22x	8.5%
2007 2007	Vista Equity Partners Fund III, L.P.	10/3/2007	30,000,000	27,073,648	40,090,256	28,984,467	2.55x	30.0%
2007	Trilantic Capital Partners IV L.P.	10/22/2007	69,028,637	59,593,483	44,985,369	51,916,634	1.63x	18.2%
	RLJ Equity Partners Fund I, L.P.	11/30/2007	20,000,000	13,461,483	2,068,855	12,772,715	1.10x	4.1%
	Pine Brook Capital Partners, L.P.	1/11/2008	30,000,000	22,071,331	10,261,753	22,622,671	1.49x	17.0%
2008	Paladin III (NY City), L.P.	1/8/2008	30,000,000	20,605,328	3,198,936	20,712,675	1.16x	4.7%
2008	Relativity Fund, L.P.	1/17/2008	20,000,000	10,244,007	422,941	3,181,131	0.35x	(29.5%)
2008	Apollo Investment Fund VII, L.P.	1/28/2008	100,000,000	75,128,209	59,444,443	78,202,987	1.83x	25.1%
2008	NGN BioMed Opportunity II, L.P.	2/11/2008	20,000,000	15,851,821	23,687	11,821,742	0.75x	(9.7%)
2008	Carpenter Community BancFund-A, L.P.	2/12/2008	20,000,000	18,762,447	87,244	23,939,639	1.28x	7.9%
2008	Riverstone/Carlyle Global Energy & Power Fund IV, L.P.	3/3/2008	45,000,000	38,724,789	19,472,132	34,988,947	1.41x	13.9%
2008	Yucaipa American Alliance Fund II, LP	3/28/2008	120,000,000	112,798,864	27,991,753	162,791,647	1.69x	18.3%
2008	Levine Leichtman Capital Partners IV, L.P.	4/8/2008	35,000,000	26,137,428	6,604,221	37,698,547	1.69x	24.4%
2008	Lee Equity Partners Fund, L.P.	4/23/2008	42,500,000	33,833,410	2,893,215	33,598,603	1.08x	3.3%
2008	New York/Fairview Emerging Managers Fund, L.PTranche 2	5/28/2008	45,000,000	24,318,000	4,680,526	23,969,379	1.18x	8.1%
2008	Yucaipa Corporate Initiatives Fund II, LP	6/23/2008	42,092,788	40,237,969	4,658,272	26,377,270	0.77x	(11.3%)
2008	Leeds Equity Partners V, L.P.	7/28/2008	60,000,000	31,273,931	-	39,280,227	1.26x	10.5%
2008	GI Partners Fund III L.P.	7/29/2008	45,000,000	42,710,009	13,233,073	46,658,219	1.40x	15.7%
2008	Ares Corporate Opportunities Fund III, L.P.	7/30/2008	75,000,000	58,837,581	42,253,979	54,516,122	1.64x	22.4%
2008	CS NYCERS Emerging Manager Co-Investment Fund, L.P.	8/22/2008	26,262,627	14,432,528	7,701,442	13,024,087	1.44x	12.0%
2008	CS NYCERS Emerging Manager Fund, L.P.	8/22/2008	116,737,374	57,062,199	5,707,885	55,045,579	1.06x	3.1%
2008	First Reserve Fund XII, L.P.	8/25/2008	45,000,000	36,362,953	3,737,482	34,726,798	1.06x	2.0%
2008	Landmark Equity Partners XIV, L.P.	9/19/2008	109,120,000	76,935,589	26,438,228	68,534,344	1.23x	16.8%
2008	Crestview Partners II, L.P.	10/1/2008	50,000,000	35,159,900	9,367,556	40,781,055	1.43x	15.6%
2008	Avista Capital Partners II, L.P.	11/5/2008	75,000,000	51,579,758	13,339,904	70,696,822	1.63x	15.4%
2008	Blue Wolf Capital Fund II, L.P.	11/14/2008	25,000,000	18,876,896	6,767,483	17,743,433	1.30x	14.0%
2008	Bridgepoint Europe IV	11/14/2008	26,878,311	20,022,121	1,348,565	23,039,719	1.22x	9.3%
2008	Aisling Capital III, LP	11/20/2008	14,000,000	8,305,886	1,117,905	8,184,008	1.12x	7.1%
2008	Onex Partners III LP	12/10/2008	75,000,000	62,595,180	7,336,094	62,748,289	1.12x	6.9%
2009	Welsh, Carson, Anderson & Stowe XI, L.P.	2/10/2009	40,000,000	26,898,391	1,724,334	32,572,346	1.28x	11.6%
2009	FS Equity Partners VI, L.P.	7/27/2009	32,500,000	21,492,324	3,545,416	23,333,493	1.25x	11.1%
2009	Lincolnshire Equity Fund IV, L.P.	8/5/2009	27,500,000	14,339,322	221,591	11,939,074	0.85x	(9.8%)
2009	Lexington Capital Partners VII, L.P.	12/3/2009	50,000,000	31,053,144	9,506,690	31,829,501	1.33x	18.6%
2010	Snow Phipps II, L.P.	1/8/2010	30,000,000	13,082,770	567,904	13,686,922	1.09x	5.5%
2010	JP Morgan Fleming (Tranche B)	2/26/2010	35,000,000	20,991,424	898,632	21,787,500	1.08x	5.2%
2010	Trident V, L.P.	4/29/2010	110,000,000	54,598,365	-	57,832,582	1.06x	3.9%
2011	Blackstone Capital Partners VI, L.P.	1/24/2011	120,000,000	30,673,857	252,371	33,674,410	1.11x	9.2%
2011	Ampersand 2011	3/11/2011	25,000,000	16,000,000	-	18,673,300	1.17x	11.2%
2011	BDCM Opportunity Fund III, L.P.	4/8/2011	45,000,000	19,531,491	1,334,766	20,238,400	1.10x	8.6%
2011	AXA Secondary Fund V B L.P.	6/16/2011	120,000,000	62,025,717	5,680,164	76,400,462	1.32x	30.4%
2011	Wellspring Capital Partners V, L.P.	7/1/2011	40,000,000	8,480,032	-	7,043,230	0.83x	NM
2011	EQT VI, L.P.	8/1/2011	108,830,437	37,986,881	-	32,858,754	0.87x	NM
2011	Pegasus Partners V, L.P.	8/16/2011	20,789,916	10,800,288	-	11,010,631	1.02x	NM
2011	BC European Capital IX	9/19/2011	139,562,127	42,021,488	1,109,179	43,360,461	1.06x	NM
2011	American Securities Partners VI, L.P.	11/18/2011	80,000,000	18,989,509		23,201,081	1.22x	NM
2011	Vista Equity Partners Fund IV, L.P.	11/30/2011	100,000,000	45,578,524	-	47,312,621	1.04x	NM
2012	Warburg Pincus Private Equity XI, L.P.	5/24/2012	110,000,000	20,224,372	374,000	21,384,677	1.08x	NM
2012	Trilantic Capital Partners V L.P.	9/20/2012	70,000,000	10,949,810	-	9,295,658	0.85x	NM
2012	Palladium Equity Partners IV, L.P.	10/10/2012	55,000,000	8,556,574	253,860	8,339,860	1.00x	NM
2012	Ares Corporate Opportunities Fund IV, L.P.	11/5/2012	125,000,000	5,270,679	-	3,822,849	0.73x	NM
2012	Green Equity Investors VI, L.P.	11/30/2012	120,000,000	11,558,113	304,954	10,600,576	0.94x	NM
2012	Platinum Equity Capital Partners III, L.P.	1/14/2013	100,000,000	25,188,677	15,431,732	12,409,305	1.11x	NM
2012	NYCERS - 2012 Emerging Manager Program*	6/21/2013	150,000,000	2,039,019	530	1,733,281	0.85x	NM
2013	Apollo Investment Fund VIII, L.P.	N/A	140,000,000	-	-	-	0.00x	N/A
2013	Carlyle Partners VI, L.P.	7/3/2013	75,000,000	-		-	0.00x	N/A
2013	Carlyle Partners VI, L.P. (Side Car)	N/A	8,250,000	-		-	0.00x	N/A
2013	CVC Capital Partners VI, L.P.	N/A	139,989,594	-		-	0.00x	N/A
2013	Landmark - NYC Fund I, L.P.	N/A	25,000,000	-		-	0.00x	N/A
2013	Landmark Equity Partners XV, L.P.	10/30/2013	75,000,000	-		-	0.00x	N/A
2013	Olympus Growth Fund VI, L.P.	N/A	75,000,000	-	-	-	0.00x	N/A
Total Port	tfolio <sup>1</sup>		\$ 7,321,128,774	\$ 4,733,514,994	\$ 2,598,713,033	\$ 3,608,944,081	1.31x	8.6%

\*Please note that the NYCERS - 2012 Emerging Manager Program total commitment amount includes the full amount allocated to the Program, of which \$75.6 million has been committed as of December 2, 2013. <sup>1</sup>Please note that the Total Portfolio includes liquidated investments and is presented Pro-Forma for the proceeds received and expected to be received from the sale of 11 partnership investments in secondary transactions that closed during the first half of 2012.



#### New York City Employees' Retirement System Subsequent Commitments As of June 30, 2013 (in USD)

Vintage Year	Investment	First Drawdown	Committed Capital	Ne	t Contributed Capital	Ne	t Distributed Capital	Market Value	Multiple	IRR
Commitm	ents Closed Subsequent to as of Date									
2013	FTVentures IV, LP	12/2/2013	\$ 15,000,000	\$	-	\$	-	\$ -	N/A	N/A
2013	Vista Foundation Fund II, L.P.	N/A	15,000,000		-		-	-	N/A	N/A
Total Con	mitments Closed Subsequent to as of Date		\$ 30,000,000	\$	-	\$	-	\$ -	N/A	N/A

Note: IRRs presented are interim estimates and may not be indicative of the ultimate performance of fund investments due to a number of factors, such as the lack of industry valuation standards and the differences in the investment pace and strategy of various funds. Until a fund is liquidated, typically over 10 to 12 years, the IRR is only an interim estimated returm. The IRR calculated in early years of a fund is not meaningful given the J-curve effect. The actual IRR performance of any fund is not known until all capital contributed and earnings have been distributed to the investor. The IRR canculated in this report are calculated by StepStone Group LP ("StepStone"), a consultant to the New York City Employees' Retirement System, based on information provided by the general partners (e.g. cash flows and valuations). The IRR calculations and other information contained in this report have not been reviewed or confirmed by the general partners. The result of the IRR calculation may differ from that generated by the general partners. Differences in IRR calculations can be affected by cash-flow timing, the accounting treatment of carried interest, fund management fees, advisory fees, organizational fees, other fund expenses, sale of distributed stock, and valuations.

Real Estate Quarterly Report

Executive Summary: Second Quarter 2013 Performance Measurement Report Real Estate

#### Portfolio Profile

The New York City Employees' Retirement System has allocated 6.0% (+/- 2%) of the total plan to Real Assets. Real Estate investments are categorized under Real Assets. The Real Estate Portfolio's objective is to generate a total net return that exceeds the NFI-ODCE +100 bps total net return measured over full market cycles.

#### Portfolio Statistics (June 30, 2013)

Total Plan Assets	\$46.5 billion
Target Real Assets Allocation (%)	6%
Target Real Assets Allocation (\$)	\$2.8 billion
Total Real Estate Market Value	\$2.0 billion
Real Estate Unfunded Commitments	\$548.0 million
Total Real Estate Exposure	\$2.6 billion
Number of Investments	40
Number of Managers	29

#### Net Returns (as of June 30, 2013)

2Q13 Time-Weighted Net R	eturn:	3.8%
1 Year Time Weighted Net I	Return:	12.6%
3 Year Time Weighted Net I	Return:	17.4%
Inception-to-Date (ITD) Tim	e-Weighted:	6.1%
ITD Net IRR:		4.3%
ITD Net Equity Multiple:		1.2x
Investment Guidelines		
Style Sector:	Target •40-60% C	ore/Core Plus

Style Sector.	Target -40-00% Core/Core Flus
	•40-60% Non-Core
Benchmark	NFI-ODCE Index +100 bps net
	over full market cycles
Region Diversification	Maximum 25% Int' l
Investment Diversification	Limit 15% to a single investment
Manager Diversification	Limit 15% to a single manager

#### Second Quarter Investment Activity

Leverage

During the Quarter, the Board made a commitment of \$50 million to a non-core industrial focused fund.

### **OVERVIEW**

conditions.

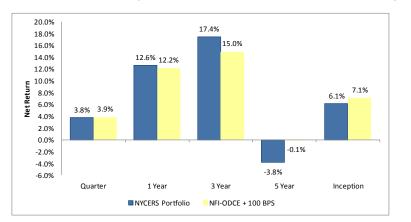
65%

During the Second Quarter of 2013 the global real estate market experienced \$121 billion in transaction volume, 10% higher than the same period in 2012. Property markets continue to recover, although there still remains a gap between valuations of primary and secondary assets. Investors in all markets have broadened their risk spectrums to include new assets in secondary markets in an attempt to capture yield.

In the United States, investors are becoming more accepting of lower expected returns from commercial real estate. With investors moving into secondary markets in search of yield, property values in secondary assets are beginning to rise. Overall, the U.S. commercial real estate market is positioned to benefit from the country's economic recovery despite concerns of rising interest rates. The European markets are seeing an influx of capital flows from American and Asian Pacific investors. The demand for high quality assets in primary European markets has pushed many investors to secondary locations in an attempt to capture higher yields. Lending in the region has also improved, further adding to the increase in transaction activity. The U.K., specifically London, continues to be the most active market in Europe. In Japan, improved business and consumer confidence has led to increased transaction activity and property values. Domestic and international investors continue to pursue investments in logistics throughout the entire Asia Pacific region, as there remains a shortage of quality supply. The Market Update

section of this report provides additional information on global real estate

The New York City Employees' Retirement System ("NYCERS") Real Estate Portfolio is, and has been, well positioned to take advantage of conditions in the real estate marketplace. For example, the Board elected to increase its exposures to several Core/Core Plus Open-End Commingled funds after the recession began in an effort to fully capture the recovery that came domestically in the gateway markets. NYCERS has also been active on the international front through investment in global allocator funds whose opportunistic strategies are designed to exploit the recovery in the European and Asian markets. Post economic downturn, in the period reflected in the rolling three-year returns, NYCERS performance exceeds benchmark by 240 basis points. At the end of the Second Quarter 2013, the Portfolio achieved a total gross return of 4.3% which was comprised of 1.0% income and 3.3% appreciation. The net return for the Quarter was 3.8%. A detailed analysis of the Portfolio's real estate performance is found later in this Executive Summary.



Executive Summary: Second Quarter 2013 Performance Measurement Report Real Estate

### FUNDING AND COMPOSITION

At the end of the Second Quarter, the Portfolio was funded at \$2.0 billion, or 4.3% of total plan assets. A total of \$548 million in unfunded commitments are still outstanding. Unfunded commitments are up from just over \$499 million as of First Quarter 2013. However, new commitment activity has accelerated over the past several months and the trend will continue into the second half of 2013.

New contributions for the Quarter totaled \$45.9 million, offset by just over \$46.8 million in distributions and withdrawals. Distributions were weighted to the non-core sector.

Shown in the pie chart to the right is the current risk sector exposure calculated by Market Value + Unfunded Commitments. The Core/ Core Plus component accounts for 40.0% of the Portfolio exposure during the Quarter. The Non-Core component accounts for 57.3% of the Portfolio exposure. The Emerging Manager component accounts for 2.7% of the Portfolio exposure.

A more detailed break-down of the Portfolio Composition is shown in the table below. Attached as Exhibit A is a matrix which demonstrates compliance with various Investment Policy Statement guidelines.

# Emerging Managers Portfolio \$70 2.7% Portfolio \$1,022 40.0% Von-Core Portfolio \$1,465 \$7.3%

New York City	New York City Employees' Retirement System							
Total Plan Assets	6/30/2013	\$46,538						
Real Estate Allocation (%)		6.0%						
Real Estate Allocation (\$)		\$2,792						
Si	tyle Sector Allocation							
Core / Core Plus Portfolio	40.0%	\$1,117						
Non-Core Portfolio	55.0%	\$1,536						
Emerging Managers Portfolio	5.0%	\$140						
Uncommitted Core / Core Plus Portfolio		\$95						
Uncommitted Non-Core Portfolio		\$71						
Uncommitted Emerging Managers Portfolio		\$70						
Funded (Marke	et Value) and Committed Statistics							
Core / Core Plus Portfolio		40.0%						
Non-Core Portfolio		57.3%						
Emerging Managers Portfolio		2.7%						
\$ Committed		\$2,556						
% Committed on Real Estate Allocation		91.6%						
% Committed on Total Plan Assets		5.5%						
Funded	d (Market Value) Statistics							
% Funded (Market Value) of Total Plan Assets		4.3%						
% Funded (Market Value) of Total Real Estate Alloc	ation	71.9%						

### Real Estate Exposure

Executive Summary: Second Quarter 2013 Performance Measurement Report Real Estate

### PERFORMANCE

During the Quarter under review, the NYCERS Real Estate Portfolio produced a 4.3% total gross return. The total net return for the Quarter was 3.8%. On a rolling one-year basis the total gross return of 14.8% was recorded. On a net basis the total return was 12.6%. On a gross basis the NYCERS Portfolio exceeds the NFI-ODCE in all but one time period (five-year). The benchmark return contemplates a 100 bps premium over the ODCE net return over full market cycles. This benchmark is exceeded over the one-year and three-year time periods. The various components of the Portfolio returns are depicted in the chart below.

### Core/Core Plus

As of June 30, 2013 the market value of the Core/ Core Plus Portfolio was \$1.0 billion, or 50.2% on an invested basis. On a funded and committed basis, the Core/ Core Plus Portfolio totaled \$1.0 billion, or 40.0% of the total Portfolio. The Core/ Core plus Portfolio generated a 3.9% total gross return for the Quarter comprised of 1.3% in income and 2.6% in appreciation. The total net return for the Quarter was 3.6%.

The most significant contributors to the Quarterly return in the Core/Core Plus sector were Heitman America Real Estate Trust and Prologis Targeted U.S. Logistics Fund, each contributing 0.1%. The largest detractor from the Core/Core Plus Portfolio was UBS Trumbull Property Fund, which took away (0.14%) from the total net return. It is important to note that while UBS may have underperformed it still maintained positive performance with a 3.1% net return for the Quarter.

Post economic downturn, the Core/Core Plus Portfolio achieved a 15.3% net return over the three-year period ending June 30, 2013. Of the 11 Core/Core Plus Funds, RREEF America REIT III was the largest contributor, adding 0.58% to the overall performance of the Portfolio. UBS Trumbull Property Fund was the largest detractor, taking away (0.71%) from the overall performance of the Core/Core Plus Portfolio.

### Non-Core

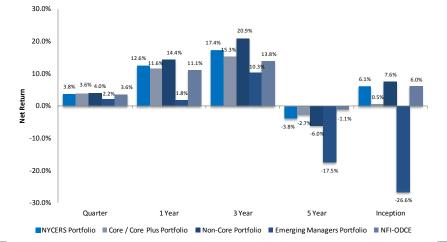
As of June 30, 2013 the market value of the Non- Core Portfolio was \$950.2 million, or 47.3% on an invested basis. On a funded and committed basis, the Non-Core Portfolio totaled \$1.5 billion, or 57.3% of the total Portfolio. The Non-Core Portfolio generated a 4.8% total gross return for the Quarter comprised of 0.7% in income and 4.1% in appreciation. The total net return for the Quarter was 4.0%.

Of the 25 Non-Core Funds that contributed to the Quarterly return of the Portfolio, Blackstone Real Estate Partners VII was the largest contributor, adding 0.45%. Tishman Speyer was the largest detractor for the Quarter, taking away (0.25%) from the overall performance of the Non-Core Portfolio.

The Non-Core Portfolio generated a three-year net return of 20.9%. Of the 26 non-core Funds that contributed to the three-year performance of the Portfolio, The City Investment Fund I was the largest contributor, adding 2.96%. The largest detractor among these Funds was Canyon Johnson Urban Fund II, which took away (1.39%) from overall Non-Core performance.

#### **Emerging Managers**

As of June 30, 2013 the market value of the Emerging Managers Portfolio was \$50.2 million, or 2.5% on an invested basis. On a funded and committed basis, the Emerging Managers Portfolio totaled \$69.5 million, or 2.7% of the total Portfolio. The Emerging Managers Portfolio generated a 2.6% total gross return for the Quarter comprised of 1.4% in income and 1.2% in appreciation. The total net return for the Quarter was 2.2%. The Emerging Managers Portfolio has underperformed for a number of reasons including the fact that performance has been adversely impacted by virtue of the vintage years of these funds.



The New York City Employees' Retirement System

Executive Summary: Second Quarter 2013 Performance Measurement Report Real Estate

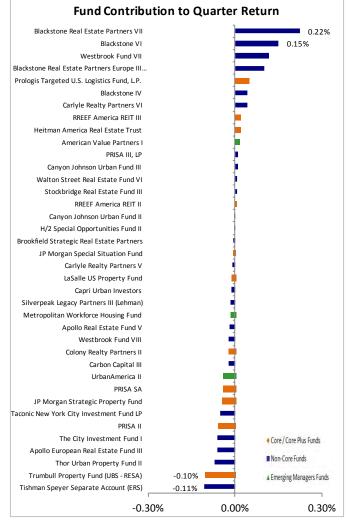
### PERFORMANCE

#### Portfolio Performance

At the end of the Second Quarter 2013, the Portfolio had a cumulative market value of \$2.0 billion. Total market value plus unfunded commitments was \$2.6 billion, or 91.6% of the real estate allocation. During the Quarter, the Portfolio achieved a total gross return of 4.3% which was comprised of 1.0% income and 3.3% appreciation. The Portfolio achieved a total net return of 3.8%. Since inception, the Portfolio has a net IRR of 4.3% and an equity multiple of 1.2x as of June 30, 2013. Note, attached as Exhibit B are performance metrics relating to each investment within the Portfolio.

The Quarterly return was driven by Blackstone Real Estate Partners VII which contributed 0.22% to the overall performance. In addition, Blackstone VI had a substantial impact on the Portfolio, contributing 0.15%. The primary laggards in the Portfolio were UBS Trumbull Property Fund and Tishman Speyer, detracting (0.1%) and (0.11%), respectively. Brief reviews of Funds making positive contributions to performance during the Quarter are found below. Note, that attached as Exhibit C are charts relating to fund contributions to returns during different relevant periods.

**Blackstone Real Estate Partners VII (BREP VII).** BREP VII had a total First Quarter return of 8.9% comprised of 0.5% in income and 8.3% in appreciation. The net return after fees was 6.6%. Since the Fund's inception in August 2011, BREP VII has completed or committed to 78 transactions and invested \$8.0 billion in equity. As of the end of the Quarter, the valuation of BREP VII's portfolio was increased by \$586 million, or approximately 8.0% (including currency adjustments). BREP VII remained active in the market in the Second Quarter, investing a total of \$912.0 million of equity in 13 transactions and committing an additional \$1.4 billion in 11 investments which should close in the second half of 2013. During the Quarter, the Fund distributed \$245.0 million to investors.



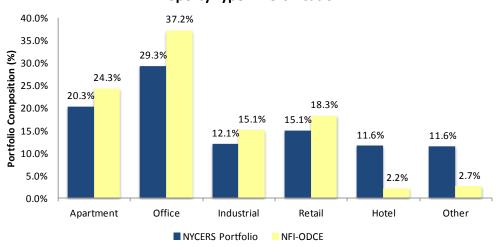
**Blackstone Real Estate Partners VI (BREP VI).** BREP VI produced a total gross return during the Quarter of 6.3%, comprised of 0.2% in income and 6.1% in appreciation. The net return after fees was 4.9%. During the Quarter, the valuation of the portfolio increased by \$844.0 million, or 6.0%. The increase in valuation is contributed to increases to several of the Fund's major investments. During the Quarter, the Fund sold three office properties from an office portfolio, generating \$410 million in proceeds, which was used to pay down debt. The Fund continues to market properties from this office portfolio and is working on a number of public offerings that will likely file in 2013.

**Westbrook VII (WB VII).** During the Quarter, the Fund produced a total gross return of 11.4% comprised of 0.8% in income and 10.5% in appreciation. The net return after fees was 11.0%. As of June 30, 2013, the fair value of the Fund's investments in real estate was \$1.4 billion. Since inception, total distributions to investors have been \$392.0 million, representing a return of 24% of total capital commitments.

Executive Summary: First Quarter 2013 Performance Measurement Report Real Estate

### **PROPERTY TYPE DIVERSIFICATION**

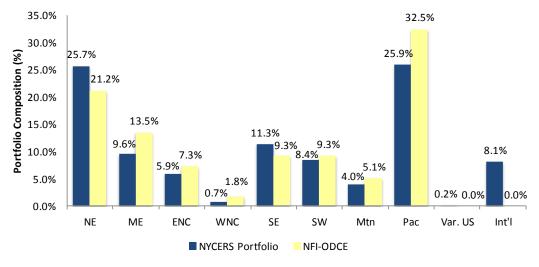
The diversification of the current Portfolio by property type is shown below and compared to the diversification of the NCREIF-ODCE at the end of the Quarter. Relative to the ODCE, the Portfolio is still underweight to all property sectors (excluding hotels) due to its allocation to other property types such as For Sale Residential, Self Storage, Land, Health Care, Medical Office, Data Centers, Senior Living and Student Housing.



## **Property Type Diversification**

### **GEOGRAPHIC DIVERSIFICATION**

The diversification of the current funded Portfolio by geographic region is shown below and compared to the diversification of the NFI-ODCE at the end of the Quarter. The ODCE is a US-only index. The domestic portion of the Portfolio is well diversified relative to the ODCE with a slight overweight to the Northeast and Southeast and a slight underweight to the Mideast and Pacific. The 8.1% international exposure is appropriate for the risk and return profile of NYCERS and consistent with our long-term target. Non-US exposures are diversified across Developed Europe (4.3%), Developed Asia (1.0%) and other international markets.



### **Geographic Diversification**

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### MARKET UPDATE

### General Market Overview

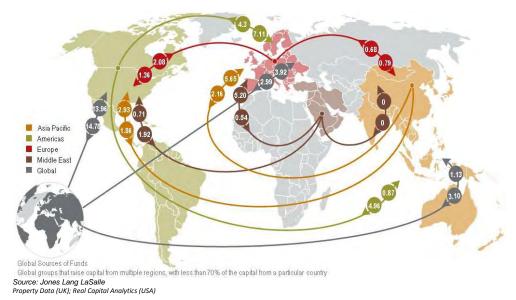
During the quarter ending June 30, 2013 the commercial real estate market recorded over \$121 billion in transaction volume, up 16% from first quarter and 10% higher than the second quarter of 2012. Year to date, the transaction volume reached \$225 billion, 12% higher than the first six months of 2013. On an annualized basis the transaction volumes are at peak levels since the third quarter of 2008. Furthermore, the size of deals transacted during the first two quarters has increased significantly, with 20% more transactions over \$200 million. Transaction volumes for relevant time periods are reflected in the chart below.

Direct Commercial Real Estate Volumes, 2012-2013											
			%		%	%					
			Change		Change			Change			
\$ US			1Q13 -		2Q12 -			1H12 -			
Billions	1Q13	2Q13	2Q13	2Q12	2Q13	1H12	1H13	1H13			
Americas	38	52	37%	47	11%	85	90	5%			
EMEA	39	36	-8%	35	2%	66	75	14%			
Asia Pacific	27	33	21%	28	18%	49	60	21%			
Total	104	121	16%	110	10%	200	225	12%			

Source: Jones Lang LaSalle, July 2013

Capital flows remain strong. It is interesting to observe the movement of capital as it suggests capital is now being positioned to exploit the anticipated, albeit slow, recovery in Europe. Cross-border investments accounted for approximately 42% of all transaction activity during the first two quarters, relatively in line with the same time period last year. Capital flows into Europe from American and Asian Pacific investors are up 18% from the first six months of 2012. London continues to be the most actively traded city, representing approximately 60% of all capital moving into Europe; however, an increasing amount of investments have found their way to secondary cities as inter-regional investors move up the risk spectrum in search of yield. American buyers continue to be the most active purchasers, but the largest growth has come from the Japanese, whose purchasing activity rose by 83% compared to the first half of 2012. The increase in investment activity from Japanese investors is attributable to improved consumer and investor sentiment associated with changes in government policy combined with financial market reforms. It is worth noting that 99% of all Japanese activity remains domestic. The diagram below shows inter-regional transaction activity for the first six months of 2013.

### Inter-Regional Flows, H1 2013 (US\$71 billion in total)



Executive Summary: Second Quarter 2013 Performance Measurement Report Real Estate

### MARKET UPDATE cont.

### The United States

Domestic investors are becoming more accepting of lower expected returns from real estate in today's low return environment. As pricing and demand in primary markets continues to rise, investors carry on their search for yield in suburban and secondary markets. In turn, values of secondary assets are beginning to rise. According to Moody's/RCA CPPI, property values in non-major markets have risen 2.3% in the first five months of 2013, compared to 1% for gateway markets. Despite the modest improvement in noncore/secondary asset valuations there still remains a large discrepancy between high quality assets with secure income streams and secondary assets. Overall, the U.S. commercial real estate market is positioned to benefit from the country's economic recovery despite concerns of rising interest rates. Much of this optimism stems from the ideology that the negative impact of rising interest rates will be offset by corresponding property cash flow growth. Furthermore, demand for space is increasing, but at a slow enough pace to subdue construction in most sectors. Recovery in property values has been uneven across assets (see chart below). Generally, values for prime assets have improved as investors are beginning to accept lower expected returns from real estate in today's low return environment.



#### Europe

The United Kingdom continues to be the most active market in the region. More specifically, the central London office sector which accounts for approximately 50% of total volumes. International investors continue to target prime assets in top regional centers; however, recent demand for secondary assets in markets outside of regional centers has increased as investors search for yield. The European lending environment has continued to improve, further adding to the increase in transaction activity in the region. Lending activity remains focused on prime assets in liquid markets, but has also improved in secondary properties as stronger competition and downward pressure on margins has forced lenders to look at alternative opportunities. The region's recent increase in bond yields has yet to affect pricing and transaction activity, with prime yields remaining stable across most of the region.

The European commercial real estate market experienced \$36 billion in transaction volume during the Quarter, approximately in line with the same period last year. Year to date, the region recorded \$75 billion in transaction volume, 14% ahead of the first half of 2012 and 10% above the same period average over the past five years.

#### <u>Asia</u>

The largest contributor to growth in the Asian Pacific region was Japan, whose markets continue to benefit from improved lending and business confidence. In Japan, quantitative easing measures are expected to drive improvements in asset values. The Chinese government continues to stress domestic consumption, favoring the retail and logistics sectors. Logistics continues to be a focus throughout the entire region as there remains a shortage of quality supply in China, Japan and South Korea.

Investors in the Asia Pacific region deployed \$8.5 billion of capital during the first half of the year, more than any other region. Transaction activity during the Quarter was 21% higher than the first quarter, and 18% higher than the same period in 2012. Year to date, the region experienced a 21% increase in transaction volume.

Executive Summary: Second Quarter 2013 Performance Measurement Report Real Estate

## **EXHIBIT A: COMPLIANCE MATRIX**

Category	Requirement	Portfolio Status		
Benchmark	NFI-ODCE (net) +100 bps over full market cycles	Portfolio returns underperform the benchmark.		
	Core/Core Plus (minimum of 40%)			
	Non Core (minimum of 40%)	The portfolio is funded (market value) and committed at 91.6% of real asset		
Portfolio Composition	Non Core Emerging (greater of \$88 million or 5% of the total real estate allocation)	allocation with a portfolio composition of 40.0% core, 57.3% non-core, and 2.7% emerging.		
Real Asset Allocation	Target of 6.0%	Funded (market value) and committed dollars place the portfolio at 5.5% of total		
	Currently Funded at 4.3%	plan assets.		
Property Type Diversification	Up to 40% Mutlifamily Up to 35% Industrial Up to 45% Office Up to 35% Retail Up to 25% Hotel Up to 20% Other	All property type locations are in compliance.		
Geographic Diversification	Diversified geographically Max 25% Ex-US	All geographic type locations are in compliance		
LTV	65%	Portfolio is in early stages of funding, but is in compliance (43.0%).		
Manager Exposure	15% of real estate allocation	Manager exposure is within compliance ranges.		

Executive Summary: Second Quarter 2013 Performance Measurement Report Real Estate

### **EXHIBIT B: FOIL**

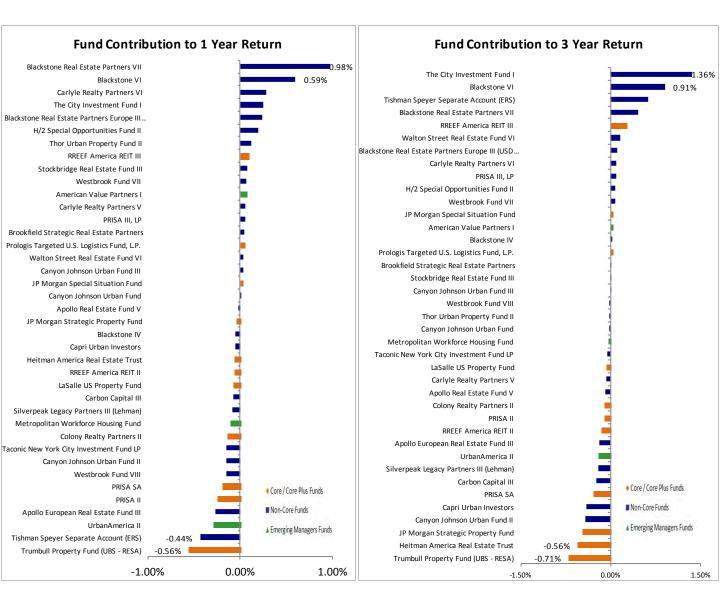
# The Townsend Group®

New York City Employees' Retirement System												
intage Yea	r Fund Name	First Draw Down	Capital Committed	Contributions	Distributions	Market Value	Equity Multiple	Net I				
2007	Colony Realty Partners II	12/20/2006	\$20,000,000	\$21,420,211	(\$666,108)	\$8,251,899	0.4	-14.5				
2007	Heitman HART	3/29/2007	\$115,000,000	\$137,865,375	(\$22,865,375)	\$148,520,789	1.2	5.5				
2007	JP Morgan Special Situation Property Fund	1/2/2007	\$90,000,000	\$98,260,711	(\$14,415,410)	\$78,387,983	0.9	-1.0				
2007	JP Morgan Strategic Property Fund	12/4/2006	\$136,000,000	\$142,875,192	\$0	\$177,539,465	1.2	4.4				
2010	LaSalle Property Fund	7/1/2010	\$50,000,000	\$35,746,403	(\$2,677,059)	\$40,962,664	1.2	12.5				
2007	PRISAII	6/30/2007	\$141,518,761	\$146,719,655	(\$12,525,803)	\$136,349,137	1.0	0.3				
2006	PRISA SA	9/29/2006	\$86,000,000	\$90,402,447	(\$10,739,197)	\$86,056,817	1.1	1.1				
2006	Prologis Targeted U.S. Logistics Fund	10/1/2006	\$25,000,000	\$29,440,389	(\$4,649,266)	\$20,883,552	0.9	-2.5				
2006	RREEF America REIT II	10/1/2006	\$86,000,000	\$113,537,802	(\$37,331,372)	\$86,856,571	1.1	1.8				
2007	RREEF America REIT III - 1410	10/1/2007	\$90,000,000	\$90,000,000	(\$10,395,152)	\$30,541,440	0.5	-13.				
2006	UBS Trumbull Property Fund ("UBS-TPF")	9/28/2006	\$156,000,000	\$183,622,471	(\$21,763,529)	\$193,599,578	1.2	4.1				
	Core / Core Plus Portfolio		\$995,518,761	\$1,089,890,655	(\$138,028,270)	\$1,007,949,895	1.1	1.0				
2008	American Value Partners Fund I	10/18/2007	\$55,000,000	\$37,443,273	(\$10,090,923)	\$25,863,018	1.0	-1.5				
2008	AREA European Real Estate Fund III, LP	5/6/2008	\$30,000,000	\$30,487,500	(\$6,505,000)	\$23,399,013	1.0	-0.8				
2006	AREA Real Estate Investment Fund V, LP	6/15/2006	\$25,000,000	\$25,000,001	(\$6,946,926)	\$11,196,584	0.7	-7.				
2004	Blackstone Fund IV	5/10/2004	\$30,000,000	\$38,440,704	(\$33,624,018)	\$17,539,169	1.3	11.				
2010	Blackstone Real Estate Partners Europe III (USD Vehicle)	10/24/2008	\$50,000,000	\$38,050,424	(\$4,071,478)	\$42,915,843	1.2	16.				
2007	Blackstone Real Estate Partners VI	9/27/2007	\$110,000,000	\$117,026,842	(\$31,393,499)	\$137,466,314	1.4	10.				
2012	Blackstone Real Estate Partners VII	3/31/2012	\$170,000,000	\$91,459,571	(\$13,500,402)	\$101,152,545	1.3	35.				
2012	Brookfield Strategic Real Estate Partners	9/20/2012	\$100,000,000	\$13,021,503	\$0	\$14,411,027	1.1	13.				
2003	Canyon Johnson Urban Fund	12/6/2002	\$15,000,000	\$13,590,364	(\$15,874,432)	\$0	1.2	10.				
2005	Canyon Johnson Urban Fund II	5/11/2005	\$40,000,000	\$35,954,818	(\$24,000)	\$20,113,185	0.6	-9.8				
2005	Canyon Johnson Urban Fund III	3/29/2010	\$30,000,000	\$25,646,935	(\$5,379,641)	\$23,513,134	1.1	7.8				
2010	Capri Urban Investors	6/3/2008	\$60,000,000	\$59,980,707	(\$3,373,041) \$0	\$42,606,587	0.7	-10.				
2008	Carbon Capital III	7/2/2008	\$40,000,000	\$43,757,162	(\$37,007,589)	\$15,028,952	1.2	-10				
2003	Carlyle Realty Partners V	8/27/2003	\$20,000,000	\$24,148,792	(\$18,984,779)		1.2	6.9				
2007						\$10,847,510	1.2	22.				
	Carlyle Realty Partners VI	9/14/2011	\$70,000,000	\$26,441,492	(\$1,874,357)	\$30,886,891						
2011	H/2 Special Opportunities Fund II	1/31/2011	\$40,000,000	\$18,280,089	\$0	\$23,838,662	1.3	27.				
2009	JP Morgan Urban Renaissance Property Fund	12/18/2008	\$16,360,625	\$4,206,523	(\$4,206,523)	\$0	1.0	0.0				
2013	KTR Industrial Fund III	6/28/2013	\$40,000,000	\$4,186,884	\$0	\$4,249,279	n/a	n/				
2007	Metropolitan Workforce Housing Fund	7/13/2007	\$14,000,000	\$14,013,027	(\$941,762)	\$13,222,691	1.0	0.4				
2013	NYC Asset Investor #1 LLC	6/25/2013	\$50,000,000	\$3,792,138	\$0	\$3,792,466	n/a	n/				
2008	PRISA III	9/30/2008	\$50,000,000	\$53,163,768	\$0	\$72,118,093	1.4	9.1				
2008	Silverpeak Legacy Partners III (Lehman)	5/28/2008	\$50,000,000	\$22,168,479	(\$688,400)	\$8,777,888	0.4	-17				
2008	Stockbridge Real Estate Fund III	9/9/2008	\$27,000,000	\$26,285,345	\$0	\$27,382,293	1.0	1.6				
2012	Taconic New York City Investment Fund LP	7/5/2012	\$70,000,000	\$21,159,091	\$0	\$20,479,077	1.0	-4.:				
2004	The City Investment Fund I	3/16/2004	\$225,000,000	\$221,883,300	(\$136,666,473)	\$104,755,887	1.1	2.3				
2009	Thor Urban Property Fund II	10/30/2008	\$40,000,000	\$51,756,666	(\$17,767,214)	\$33,557,537	1.0	-0.0				
2004	Tishman Speyer Separate Account (ERS)	12/16/2003	\$100,000,000	\$71,066,452	(\$225,424,104)	\$37,331,118	3.7	63.				
2007	UrbanAmerica II	1/30/2007	\$25,000,000	\$23,222,735	\$0	\$11,114,517	0.5	-13				
2009	Walton Street Real Estate Fund VI	4/27/2009	\$50,000,000	\$42,323,933	(\$9,041,824)	\$43,117,769	1.2	9.1				
2008	Westbrook Real Estate Fund VII	12/3/2007	\$40,000,000	\$42,815,826	(\$9,503,034)	\$33,547,279	1.0	0.3				
2010	Westbrook Real Estate Fund VIII	12/28/2009	\$50,000,000	\$58,139,066	(\$21,104,990)	\$46,209,813	1.2	13.				
	Non Core and Emerging Manager Portfolio		\$1,732,360,625	\$1,298,913,411	(\$610,621,368)	\$1,000,434,141	1.2	9.8				
	New York City Employees' Retirement System		\$2,727,879,386	\$2,388,804,065	(\$749 640 620)	\$2,008,384,037	1.2	4.3				

Source: PCG historical cash flow data. The cash flow data from Fund Managers, effective 2005. Note: The equity multiples and IRRS contained in finis report are interim calculations based upon information provided by the investment managers of the New York City Retirement Systems, including cash flows and quarterly unaudited, or audited, valuations. The IRR calculated in early years of a fund life is not meaningful given the J-curve effect and can be significantly impacted by the timing of cash flows, investment strategy, investment pacing, and fund life. The calculations are not necessarily indicative of total fund performance, which can only be determined after the fund is liquidated and all capital contributed and earnings have been distributed to the investor. All data supplied is as of June 30, 2013. Note: The General Partner of the JPMorgan Urban Renaissance Fund terminated the Fund on February 23, 2010 and all capital contributed including management fees, was returned to investors.

Executive Summary: Second Quarter 2013 Performance Measurement Report Real Estate

### **EXHIBIT C : ATTRIBUTION**



Callan Performance Summary



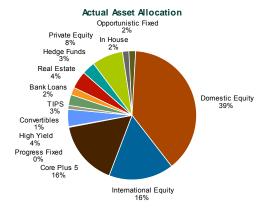
December 17, 2013

New York City Employees' Retirement System

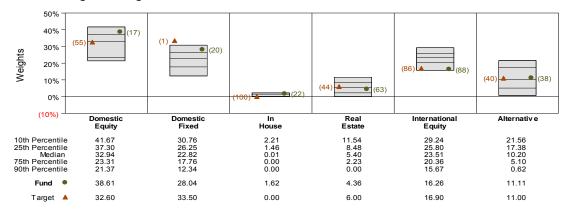
Performance Measurement Summary 9/30/13

Bud Pellecchia Senior Vice President

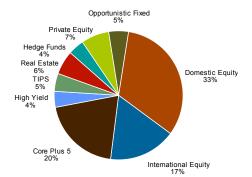
# **Total Fund Actual Asset Allocation Versus New Long Term Target**



#### Asset Class Weights vs Large Public >10 B

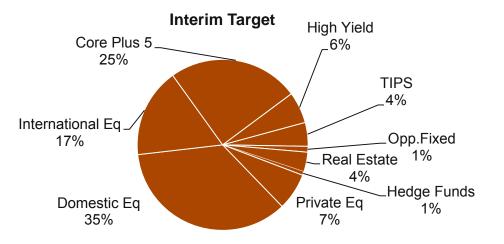


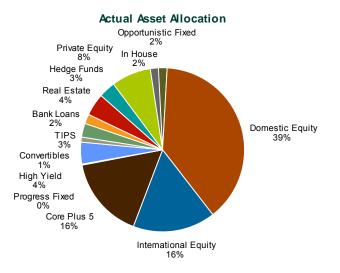
#### Target Asset Allocation



	\$000s	Percent	Percent	Percent	\$000s
Asset Class	Actual	Actual	Target	Difference	Difference
Opportunistic Fixed	850,906	1.8%	5.0%	(3.2%)	(1,565,387)
Domestic Equity	18,660,096	38.6%	32.6%	6.0%	2,905,863
International Equity	7,857,136	16.3%	16.9%	(0.6%)	(309,936)
Core Plus 5	7,845,461	16.2%	20.0%	(3.8%)	(1,819,712)
Progress Fixed	104,190	0.2%	0.0%	0.2%	104,190
High Yield	2,062,369	4.3%	4.0%	0.3%	129,334
Convertibles	471,794	1.0%	0.0%	1.0%	471,794
TIPS	1,286,753	2.7%	4.5%	(1.8%)	(887,911)
Bank Loans	929,540	1.9%	0.0%	1.9%	929,540
Real Estate	2,106,554	4.4%	6.0%	(1.6%)	(792,998)
Hedge Funds	1,585,168	3.3%	4.0%	(0.7%)	(347,867)
Private Equity	3,783,345	7.8%	7.0%	0.8%	400,535
In House	782,554	1.6%	0.0%	1.6%	782,554
Total	48,325,866	100.0%	100.0%		

# **Total Fund Actual Asset Allocation Versus Interim Target**





# **Interim Target**

- 32.6% Russell 3000 for Broad Domestic Equity, 16.9% ACWI ex-US for Global Ex-US Equity, 20% Core Plus 5% for Fixed Income
- 4.5% BC US TIPS Index for TIPS
- 4% Citigroup High Yield Index BB & B for High Yield Fixed Income
- 7% Russell 3000 Index + 5% for Private Equity
- 3.7% NFI-ODCE Equal Weight Net +1%, 1.15% Russell 3000 Index, 1.15% Core Plus 5% Index for Real Estate
- 0.7% HFRI FOF Composite + 1%, 1.65% Russell 3000 Index, 1.65% Core Plus 5% Index for Hedge Funds
- 1.1% JP Morgan High Yield Index + 3%, 1.95% Core Plus 5%, 1.95% Citigroup HY Index BB & B for Opportunistic Fixed Income

# Or

- 35.4% Russell 3000 Index
- 16.9% ACWI ex-US Index
- 24.75% Core Plus 5% Index
- 4.5% BC US TIPS Index
- 5.95% Citigroup High Yield Index BB & B
- 7% Russell 3000 + 5%
- 3.7% NFI-ODCE Equal Weight Net +1%
- 0.7% HFRI FOF Composite + 1%
- 1.1 % JP Morgan High Yield Index + 3%

# Total Fund Quarterly Attribution Analysis Versus New Long Term Target

# With Private Equity Target Return Equal to Actual Return

## Relative Attribution Effects for Quarter ended September 30, 2013

Style Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Style Allocation	Total Relative Return
	•	•	6.61%	6.35%	0.10%	0.09%	0.19%
Domestic Equity	38%	33%					
Core Plus 5	17%	20%	0.83%	0.63%	0.03%	0.13%	0.17%
High Yield	5%	4%	2.46%	1.89%	0.03%	(0.02%)	0.01%
TIPS	3%	5%	0.85%	0.70%	0.00%	0.07%	0.07%
Leveraged-Bank Loans	2%	0%	1.35%	1.35%	0.00%	(0.06%)	(0.06%)
Opportunistic Fixed	2%	5%	3.88%	3.10%	0.01%	0.05%	0.07%
Total Targeted	1%	0%	1.05%	1.05%	0.00%	(0.04%)	(0.04%)
Convertibles	1%	0%	4.34%	4.34%	0.00%	(0.00%)	(0.00%)
Short Term	1%	0%	(0.04%)	(0.04%)	0.00%	(0.04%)	(0.04%)
Progress Fixed	0%	0%	0.47%	0.47%	0.00%	(0.01%)	(0.01%)
Real Estate	4%	6%	3.45%	3.40%	0.00%	0.02%	0.02%
International Equity	15%	17%	8.80%	10.17%	(0.21%)	(0.08%)	(0.29%)
Private Equity	8%	7%	4.13%	4.13%	0.00%	(0.01%)	(0.01%)
Hedge Funds	3%	4%	0.49%	1.86%	(0.05%)	0.02%	(0.03%)
Cash Equiv	0%	0%	0.00%	0.00%	0.00%	(0.00%)	(0.00%)
Total			4.79% =	4.74% +	(0.08%) +	0.13%	0.05%

- What Helped?
  - Overweight Domestic Equity
  - Underweight Core Plus 5
  - Underweight TIPs
  - Strong Performance in Domestic Equity

- What Hurt?
  - Underweight International Equity
  - Weak performance in International Equity and Hedge Funds

Current Quarter Target = 32.6% Russell 3000 Index, 20.0% Citi Core Plus 5 Index, 16.9% MSCI ACWI ex-US Index, 7.0% NYC – Private Equity, 6.0% NFI-ODCE Equal Weight Net +1%, 5.0% JP Morgan Global HY Bd Idx+3.0%, 4.5% Barclays US TIPS Index, 4.0% HFRI Fund of Funds Compos+1.0% and 4.0% High Yield Idx BB & B.

# **Total Fund Quarterly Attribution Analysis Versus Interim Target**

# With Private Equity Target Return Equal to Actual Return

## Relative Attribution Effects for Quarter ended September 30, 2013

	Effective Actual	Effective Target	Actual	Target	Manager	Style	Total Relative
Style Class	Weight	Weight	Return	Return	Effect	Allocation	Return
Domestic Equity	38%	35%	6.61%	6.35%	0.10%	0.04%	0.15%
Core Plus 5	17%	25%	0.83%	0.63%	0.03%	0.33%	0.36%
High Yield	5%	6%	2.46%	1.89%	0.03%	0.04%	0.07%
TIPS	3%	5%	0.85%	0.70%	0.00%	0.07%	0.07%
Leveraged-Bank Loans	2%	0%	1.35%	1.35%	0.00%	(0.06%)	(0.06%)
Opportunistic Fixed	2%	1%	3.88%	3.10%	0.01%	(0.01%)	0.00%
Total Targeted	1%	0%	1.05%	1.05%	0.00%	(0.04%)	(0.04%)
Convertibles	1%	0%	4.34%	4.34%	0.00%	(0.00%)	(0.00%)
Short Term	1%	0%	(0.04%)	(0.04%)	0.00%	(0.04%)	(0.04%)
Progress Fixed	0%	0%	0.47%	0.47%	0.00%	(0.01%)	(0.01%)
Real Estate	4%	4%	3.45%	3.40%	0.00%	(0.01%)	(0.01%)
International Equity	15%	17%	8.80%	10.17%	(0.21%)	(0.08%)	(0.29%)
Private Equity	8%	7%	4.13%	4.13%	0.00%	(0.01%)	(0.01%)
Hedge Funds	3%	1%	0.49%	1.86%	(0.05%)	(0.08%)	(0.12%)
Cash Equiv	0%	0%	0.00%	0.00%	0.00%	(0.00%)	(0.00%)
Total			4.79% =	4.73% +	- (0.08%) +	0.14%	0.07%

- What Helped?
  - Overweight Domestic Equity
  - Underweight Core Plus 5
  - Underweight TIPs
  - Strong Performance in Domestic Equity

- What Hurt?
  - Underweight International Equity
  - Weak performance in International Equity and Hedge Funds

Current Quarter Target = 35.4% Russell 3000 Index, 24.8% Citi Core Plus 5 Index, 16.9% MSCI ACWI ex-US Index, 7.0% NYC – Private Equity, 6.0% Barclays US TIPS, 3.7% High Yield BB & B, 4.5% NFI-ODCE Equal Weight Net +1.0%, JP Morgan Global HY Bd Idx+3.0% and 0.7% HFRI Fund of Funds Compos+1.0%.

# Total Fund 2 Year Attribution Analysis Versus New Long Term Target

# With Private Equity Target Return Equal to Actual Return

### Two Year Annualized Relative Attribution Effects

Style Class	Effective Actual Weight	Effective Target Weight	Actual Retum	Target Retum	Manager Effect	Style Allocation	Total Relative Retum
Domestic Equity	37%	33%	26.48%	25.83%	0.21%	0.41%	0.62%
Core Plus 5	17%	20%	3.10%	2.00%	0.20%	0.33%	0.54%
High Yield	6%	4%	12.33%	11.62%	0.04%	(0.03%)	0.01%
TIŘS	3%	5%	1.52%	1.22%	0.01%	0.22%	0.23%
Short Term	2%	0%	0.36%	0.36%	0.00%	(0.41%)	(0.41%)
Convertibles	1%	0%	13.85%	13.85%	0.00%	(0.01%)	(0.01%)
Total Targeted	1%	0%	4.31%	4.31%	0.00%	(0.13%)	(0.13%)
Opportunistic Fixed	1%	5%	11.54%	18.60%	(0.05%)	(0.18%)	(0.24%)
Leveraged-Bank Loans	1%	0%	1.93%	1.93%	0.00%	(0.07%)	(0.07%)
Progress Fixed	0%	0%	2.34%	2.34%	0.00%	(0.03%)	(0.03%)
Real Estate	4%	6%	14.51%	11.45%	0.12%	0.04%	0.17%
International Equity	16%	17%	14.86%	16.00%	(0.17%)	(0.09%)	(0.26%)
Private Equity	8%	7%	8.63%	8.63%	0.00%	(0.14%)	(0.14%)
Hedge Funds	2%	4%	3.09%	5.67%	(0.06%)	0.19%	0.13%
Cash Equiv	0%	0%	0.00%	0.00%	0.00%	(0.04%)	(0.04%)
Total			14.77% =	14.42% +	+ 0.31% +	0.05%	0.36%

- What Helped?
  - Overweight Domestic Equity
  - Underweight Core Plus 5, TIPS and Hedge Funds
  - Strong Manager Performance in Domestic Equity, Core Plus 5, and Real Estate

- What Hurt?
  - Overweight Short Term Cash and Private Equity
  - Underweight Opportunistic Fixed and International Equity
  - Weak performance in Opportunistic Fixed Income, International Equity and Hedge Funds

Current Quarter Target = 32.6% Russell 3000 Index, 20.0% Citi Core Plus 5 Index, 16.9% MSCI ACWI ex-US Index, 7.0% NYC – Private Equity, 6.0% NFI-ODCE Equal Weight Net +1%, 5.0% JP Morgan Global HY Bd Idx+3.0%, 4.5% Barclays US TIPS Index, 4.0% HFRI Fund of Funds Compos+1.0% and 4.0% High Yield Idx BB & B.

# **Total Fund 2 Year Attribution Analysis Versus Interim Target**

# With Private Equity Target Return Equal to Actual Return

### Two Year Annualized Relative Attribution Effects

Style Class	Effective Actual Weight	Effective Target Weight	Actual Retum	Target Retum	Manager Effect	Style Allocation	Total Relative Retum
Domestic Equity	37%	35%	26.48%	25.83%	0.21%	0.11%	0.33%
Core Plus 5	17%	25%	3.10%	2.00%	0.20%	0.89%	1.09%
High Yield	6%	6%	12.33%	11.62%	0.04%	0.03%	0.07%
TIPS	3%	5%	1.52%	1.22%	0.01%	0.00%	0.23%
Short Term	2%	0%	0.36%	0.36%	0.00%	(0.41%)	(0.41%)
Convertibles	1%	0%	13.85%	13.85%	0.00%	(0.01%)	(0.01%)
Total Targeted	1%	0%	4.31%	4.31%	0.00%	(0.13%)	(0.13%)
Opportunistic Fixed	1%	1%	11.54%	18.60%	(0.05%)	(0.00%)	(0.05%)
Leveraged-Bank Loans	1%	0%	1.93%	1.93%	0.00%	(0.07%)	(0.07%)
Progress Fixed	0%	0%	2.34%	2.34%	0.00%	(0.03%)	(0.03%)
Real Estate	4%	4%	14.51%	11.45%	0.12%	(0.01%)	0.11%
International Equity	16%	17%	14.86%	16.00%	(0.17%)	(0.10%)	(0.26%)
Private Equity	8%	7%	8.63%	8.63%	0.00%	(0.15%)	(0.15%)
Hedge Funds	2%	1%	3.09%	5.67%	(0.06%)	(0.10%)	(0.15%)
Cash Equiv	0%	0%	0.00%	0.00%	0.00%	(0.04%)	(0.04%)
Total			14.77% =	14.27% +	+ 0.31% +	0.20%	0.51%

- What Helped?
  - Overweight Domestic Equity
  - Underweight Core Plus 5 and TIPS
  - Strong Manager Performance in Domestic Equity, Core Plus 5, and Real Estate

- What Hurt?
  - Overweight Short Term Cash and Private Equity
  - Weak performance in Opportunistic Fixed Income, International Equity and Hedge Funds
  - Underweight International Equity

Current Quarter Target = 35.4% Russell 3000 Index, 24.8% Citi Core Plus 5 Index, 16.9% MSCI ACWI ex-US Index, 7.0% NYC – Private Equity, 6.0% High Yield Idx BB & B, 4.5% Barclays US TIPS Index, 3.7% NFI-ODCE Equal Weight Net +1%, 1.1% JP Morgan Global HY Bd Idx+3.0% and 0.7% HFRI Fund of Funds Compos+1.0%.

# **Total Fund Peer Comparisons**

#### 20% 18% 16% • (43) (52) 14% Returns (57) 12% (69) 10% (28) • (34) 8% • (59) (86) 6% • (64) (66) 4% 2% Last Last Last Last Last Quarter Year 2 Years 5 Years 10 Years Large Public >10 B Total Fund A Policy Target

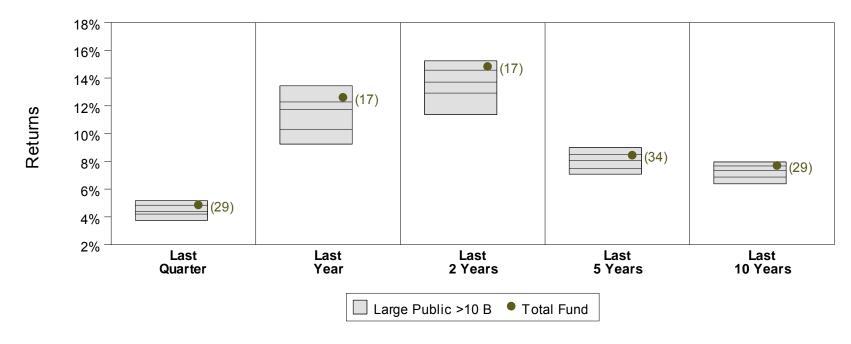
## Large Public >10 B

# **Total Fund Peer Comparisons**

# Asset Allocation Adjusted Rankings

• For this comparison each fund in the Database is adjusted to have the same asset allocation as the client. This removes large asset allocation variances among plans and allows for a greater focus on manager performance.

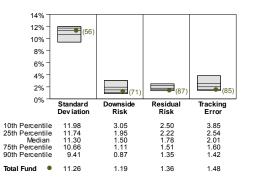
## Asset Allocation Adjusted Ranking

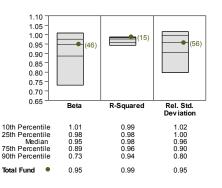


#### 40% 30% 2 20% 36 80 73 57 49 48 20 85 74 61 48 76 57 10% 83 69 38 36 36 0% (10%) (20%) 85 42 (30%) (40%) 12/12-9/13 2012 2011 2010 2009 2008 2007 2006 2005 2004 10th Percentile 12.40 14.68 2.93 14.71 23.35 (22.08)10.71 16.66 10.10 13.73 13.98 1.30 13.76 22.59 (24.91) 9.64 15.83 9.34 13.07 25th Percentile 11.54 Median 10.03 13.38 0.75 12.94 18.21 (26.64) 8.70 14.78 8.20 12.19 75th Percentile 8.80 12.55 0.04 12.26 15.15 (27.61)7.46 14.17 6.74 11.32 90th Percentile 6.54 11.04 (0.78)11.45 11.39 (28.37)6.89 13.43 5.80 8.49 Total Fund 10.13 13.39 1.14 13.79 20.98 (26.33)8.64 14.29 7.40 11.42 Total Fund Target 9.58 13.12 1.05 13.07 25.28 (28.00)7.41 13.83 6.39 10.69

### Performance vs Large Public >10 B (Gross)

Risk Statistics Rankings vs Total Fund Target Rankings Against Large Public >10 B (Gross) Ten Years Ended September 30, 2013

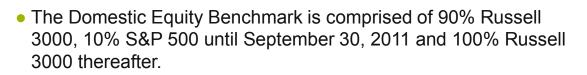


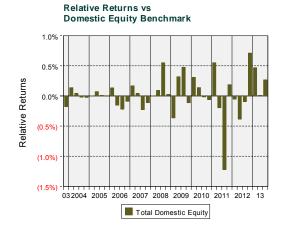


# **Total Domestic Equity**

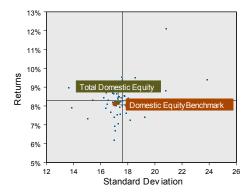
#### 35% 30% (44) (59) 25% (52) (80) 20% (56) 58) 15% (52) (58 10% (66) 5% 0% Last Quarter Last 2 Years Last 3 Years Last 5 Years Last 10 Years Last Year 10th Percentile 8.19 25.74 28.28 18.41 12.25 9.16 7.66 24.81 27.27 17.68 11.58 8.78 25th Percentile Median 7.20 23.40 26.35 16.95 10.73 8.28 75th Percentile 6.75 21.82 25.34 7.92 16.27 10.25 90th Percentile 20.34 24.34 6.28 14.83 9.49 7.37 Total 23.31 Domestic Equity 6.61 26.48 16.73 10.67 8.16 Domestic Equity Benchmark 6.35 21.60 25.83 16.79 10.56 8.08

### Performance vs Large Public >10 B Domestic Equity





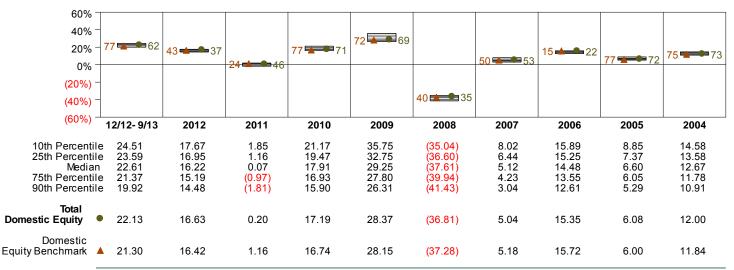




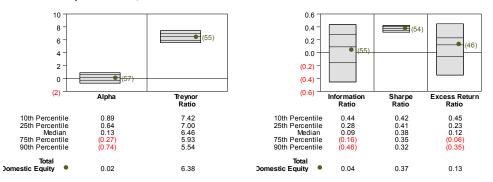
# **Total Domestic Equity**

## Continued

### Performance vs Large Public >10 B Domestic Equity (Gross)



Risk Adjusted Return Measures vs Domestic Equity Benchmark Rankings Against Large Public >10 B Domestic Equity (Gross) Ten Years Ended September 30, 2013



# **Total Active Domestic Equity**

#### Performance vs Large Public >10 B Domestic Equity



- What Helped?
  - Strong Performance from Fundamental Index Managers
  - Slight overweight to small cap

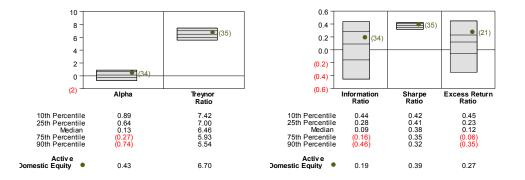
#### Performance vs Large Public >10 B Domestic Equity (Gross)

60%	77 <b>- 20</b> 5	<b>43</b> 21	-24	77 <b>- 1</b> 9			50 63	15 <b></b> 70	77 <b>****</b> 51	75
(40%) - (60%) -	12/12- 9/13	2012	2011	2010	2009	40 <b>2008</b>	2007	2006	2005	2004
10th Percentile 25th Percentile Median 75th Percentile 90th Percentile	23.59 22.61 21.37	17.67 16.95 16.22 15.19 14.48	1.85 1.16 0.07 (0.97) (1.81)	21.17 19.47 17.91 16.93 15.90	35.75 32.75 29.25 27.80 26.31	(35.04) (36.60) (37.61) (39.94) (41.43)	8.02 6.44 5.12 4.23 3.04	15.89 15.25 14.48 13.55 12.61	8.85 7.37 6.60 6.05 5.29	14.58 13.58 12.67 11.78 10.91
Active Domestic Equity	25.28	17.13	(1.73)	19.90	30.14	(35.67)	4.67	13.73	6.58	13.14
Domestic Equity Benchmark 🔺	21.30	16.42	1.16	16.74	28.15	(37.28)	5.18	15.72	6.00	11.84

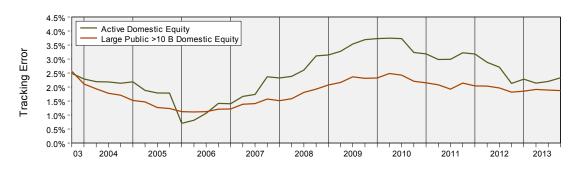
# **Total Active Domestic Equity**

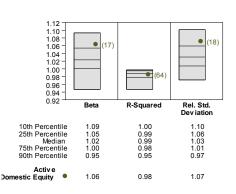
# Continued

Risk Adjusted Return Measures vs Domestic Equity Benchmark Rankings Against Large Public >10 B Domestic Equity (Gross) Ten Years Ended September 30, 2013

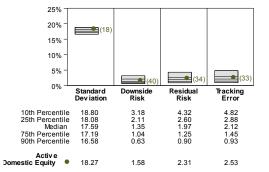


#### **Rolling 12 Quarter Tracking Error vs Domestic Equity Benchmark**



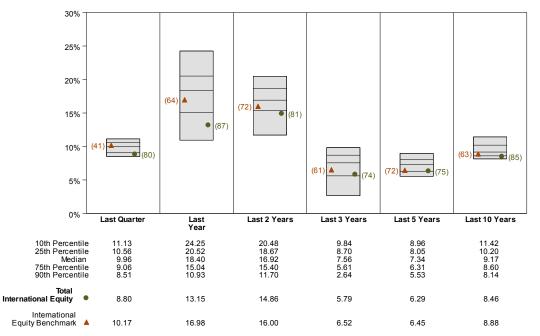


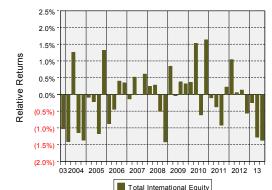
#### Risk Statistics Rankings vs Domestic Equity Benchmark Rankings Against Large Public >10 B Domestic Equity (Gross) Ten Years Ended September 30, 2013



# **Total International Equity**

#### Performance vs Large Public >10 B International Equity

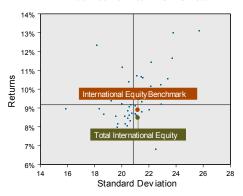




International Equity Benchmark

Relative Returns vs





 The International Equity Benchmark is comprised of MSCI EAFE Index through June 30, 2003, 83% MSCI EAFE Index and 17% MSCI Emerging Markets Index through June 30, 2006, 83% MSCI EAFE Index and 17% FTSE Custom Benchmark through September 30, 2011, and MSCI AC World ex US Index thereafter.

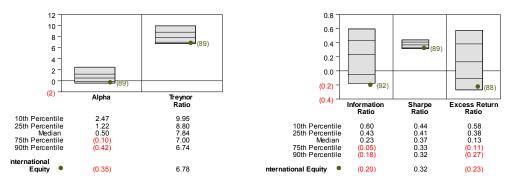
## **Total International Equity**

### Continued

### Performance vs Large Public >10 B International Equity (Gross)

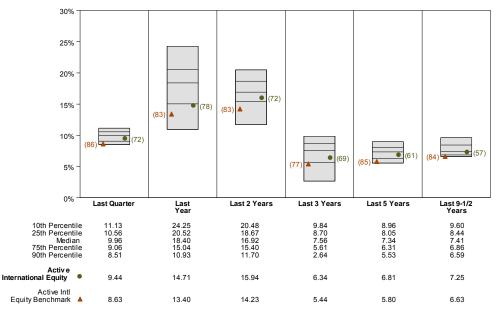
80% - 60% -										
40% - 20% -	<mark>63 - 8</mark> 3	<b>75</b>		77 - 30	42 31		49 📥 35	<b>47 6</b> 5	42 48	27 74
0% <del>-</del> (20%) -			44 66							
(40%)						60 76				
(80%) <sup></sup>	12/12-9/13	2012	2011	2010	2009	2008	2007	2006	2005	2004
10th Percentile 25th Percentile Median	13.64 12.38	21.10 19.78 18.60	(9.81) (11.86) (13.46)	16.00 14.15 12.60	55.97 42.33 38.35	(39.41) (41.91) (44.65)	22.82 17.65 15.48	30.92 28.36 27.08	25.72 19.62 16.53	24.15 21.43 19.61
75th Percentile 90th Percentile		17.32 16.14	(14.46) (17.23)	10.77 9.36	33.36 30.51	(46.03) (47.85)	13.42 10.74	26.25 24.33	15.77 13.54	18.46 16.88
International Equity	7.41	18.09	(14.05)	13.91	41.83	(46.06)	16.70	26.47	16.74	18.47
International Equity Benchmark	10.47	17.39	(12.84)	10.44	39.67	(45.02)	15.58	27.17	16.86	21.35

Risk Adjusted Return Measures vs International Equity Benchmark Rankings Against Large Public >10 B International Equity (Gross) Ten Years Ended September 30, 2013

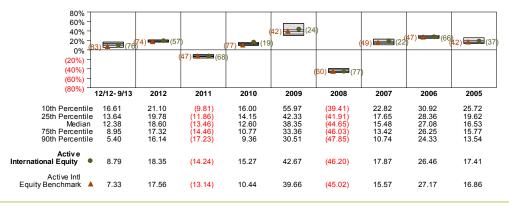


### **Total Active International Equity**

#### Performance vs Large Public >10 B International Equity



Performance vs Large Public >10 B International Equity (Gross)



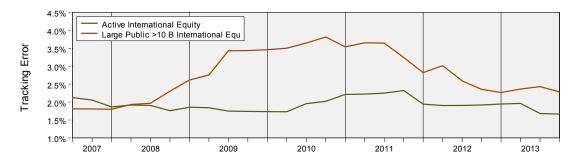
### What Helped?

- Strong performance from Generation GE, Governance For Owners and Baillie Gifford over last year
- What Hurt?
  - Overweight to Emerging Markets

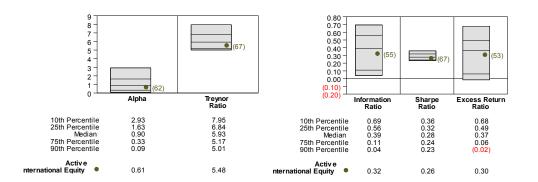
 The Active International Equity Benchmark is comprised of 83% MSCI EAFE Index and 17% MSCI Emerging Markets Index through June 30, 2006, 83% MSCI EAFE Index and 17% FTSE Custom Benchmark through September 30, 2011, and 61% MSCI EAFE Index and 39% FTSE Custom Benchmark thereafter.

### Continued

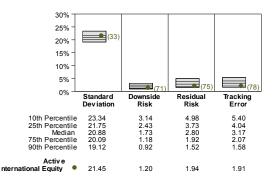
### Rolling 12 Quarter Tracking Error vs Active Intl Equity Benchm

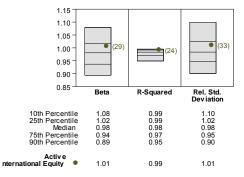


Risk Adjusted Return Measures vs Active Intl Equity Benchmark Rankings Against Large Public >10 B International Equity (Gross) Nine and One-Half Years Ended September 30, 2013



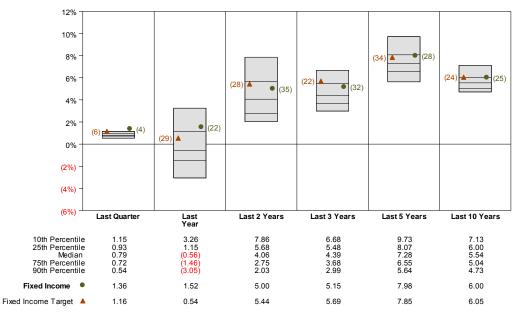
#### Risk Statistics Rankings vs Active Intl Equity Benchm Rankings Against Large Public >10 B International Equity (Gross) Nine and One-Half Years Ended September 30, 2013





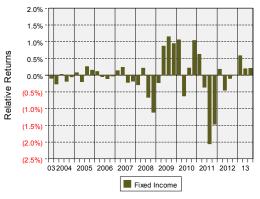
## **Total Fixed Income Against New Long Term Fixed Income Target**

### Performance vs Large Public >10 B Domestic Fixed

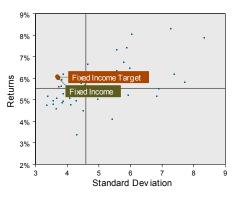


- What Helped?
  - Overweight high vield
  - Underweight TIPs
  - Strong Performance in High Yield and Opportunistic Fixed
- What Hurt?
  - Underweight Opportunistic Fixed

Relative Return vs Fixed Income Target



Large Public >10 B Domestic Fixed Annualized Ten Year Risk vs Return

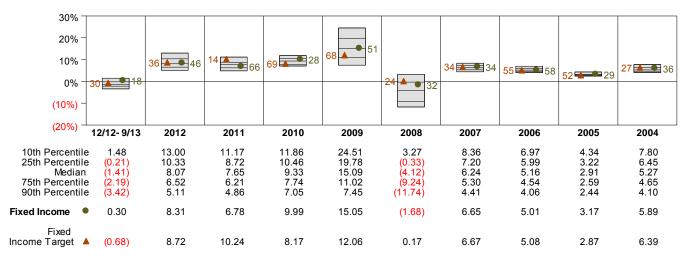


▲ The Fixed Income Target is comprised of 13% BC Credit High Yield Index and 87% BC Core Plus 5 NYCERS Index until June 30, 2003, 10% BC US Tips Index, 73% Citigroup Core Plus 5 Index, and 17% Citigroup High Yield BB & B Rated Index until September 30, 2011, and 60% Citigroup Core Plus 5 Index, 12% Citigroup High Yield BB & B Rated Index, 15% JP Morgan High Yield Index+3%, and 13% BC US TIPS Index thereafter.

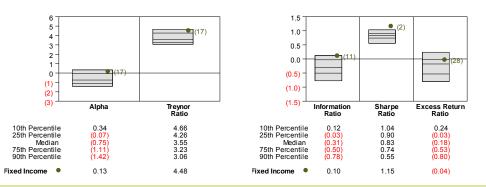
## **Total Fixed Income Against New Long Term Fixed Income Target**

### Continued

### Performance vs Large Public >10 B Domestic Fixed (Gross)



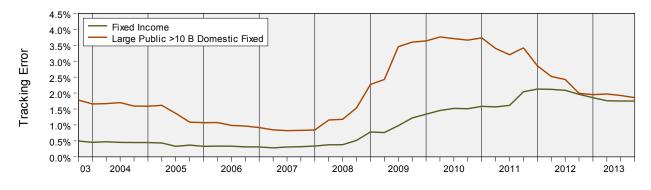
Risk Adjusted Return Measures vs Fixed Income Target Rankings Against Large Public >10 B Domestic Fixed (Gross) Ten Years Ended September 30, 2013



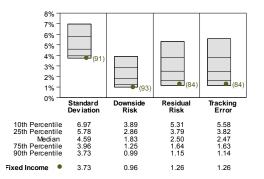
## **Total Fixed Income Against New Long Term Fixed Income Target**

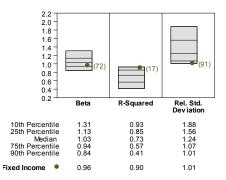
### Continued

### **Rolling 12 Quarter Tracking Error vs Fixed Income Target**



Risk Statistics Rankings vs Fixed Income Target Rankings Against Large Public >10 B Domestic Fixed (Gross) Ten Years Ended September 30, 2013

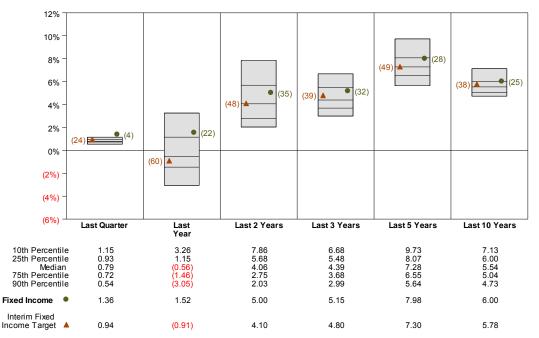




### Callan Knowledge. Experience. Integrity.

## **Total Fixed Income Against New Interim Fixed Income Target**

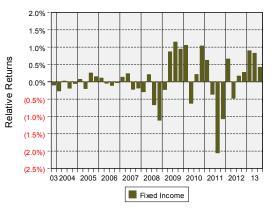
### Performance vs Large Public >10 B Domestic Fixed



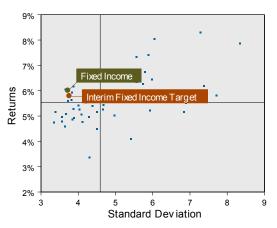
- What Helped?
  - Underweight TIPs
  - Strong Performance in High Yield and Opportunistic Fixed

▲ The Interim Fixed Income Target is comprised of 13% BC Credit High Yield Index and 87% BC Core Plus 5 NYCERS Index until June 30, 2003, 10% BC US TIPS Index, 73% Citigroup Core Plus 5 Index, and 17% Citigroup High Yield BB & B Rated Index until September 30, 2011, and 65.52% Citigroup Core Plus 5 Index, 17.76% Citigroup High Yield BB & B Rated Index, 3.28% JP Morgan High Yield Index+3%, and 13.43% BC US TIPS Index thereafter.

Relative Returns vs Interim Fixed Income Target

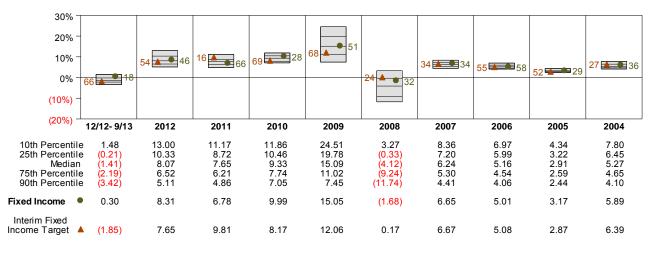




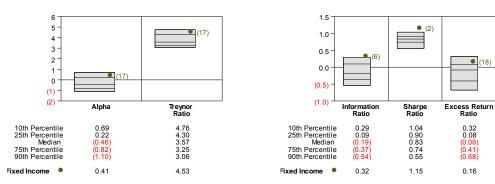


### Continued

### Performance vs Large Public >10 B Domestic Fixed (Gross)



Risk Adjusted Return Measures vs Interim Fixed Income Target Rankings Against Large Public >10 B Domestic Fixed (Gross) Ten Years Ended September 30, 2013



• (18)

Ratio

0.32

0.08

(0.08)

(0.41)

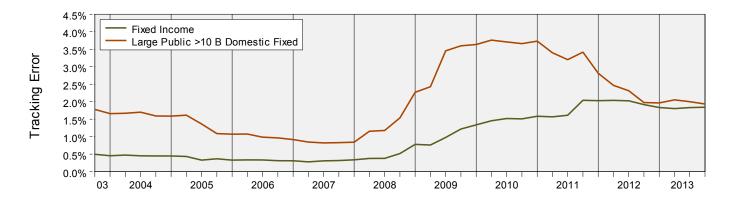
(0.68)

0.16

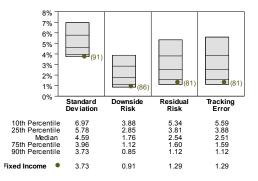
## **Total Fixed Income Against New Interim Fixed Income Target**

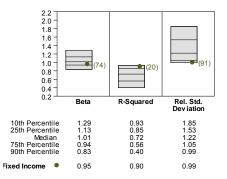
### Continued

### Rolling 12 Quarter Tracking Error vs Interim Fixed Income Targ



Risk Statistics Rankings vs Interim Fixed Income Targ Rankings Against Large Public >10 B Domestic Fixed (Gross) Ten Years Ended September 30, 2013





II. October Monthly Performance Review



# Monthly Performance Review October 2013

# Prepared for the New York City Employees' Retirement System 12/17/2013

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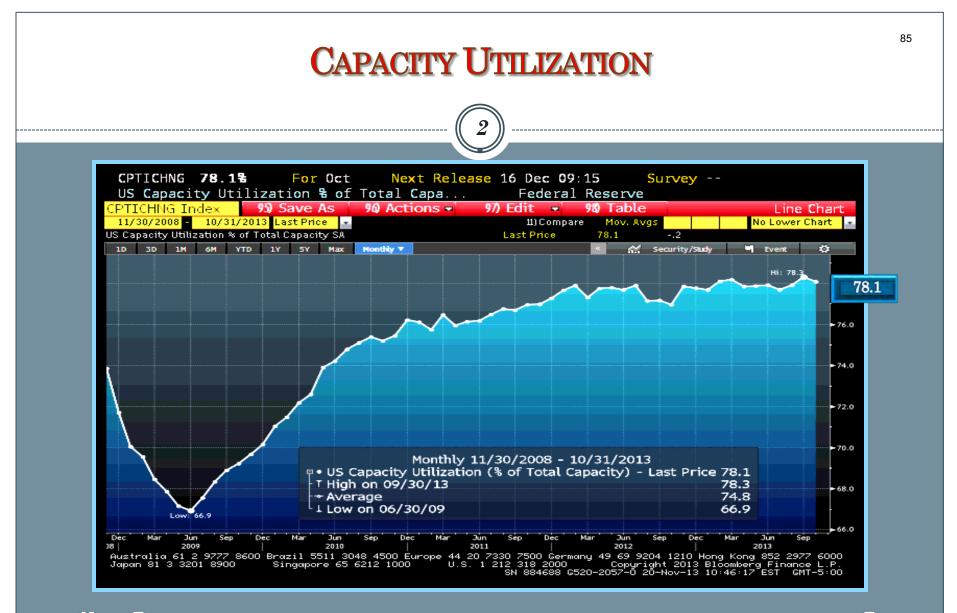
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# **ECONOMIC INDICATORS** As of December 2013



# NYC OFFICE OF THE COMPTROLLER BUREAU OF ASSET MANAGEMENT

BUREAU OF ASSET MANAGEMENT



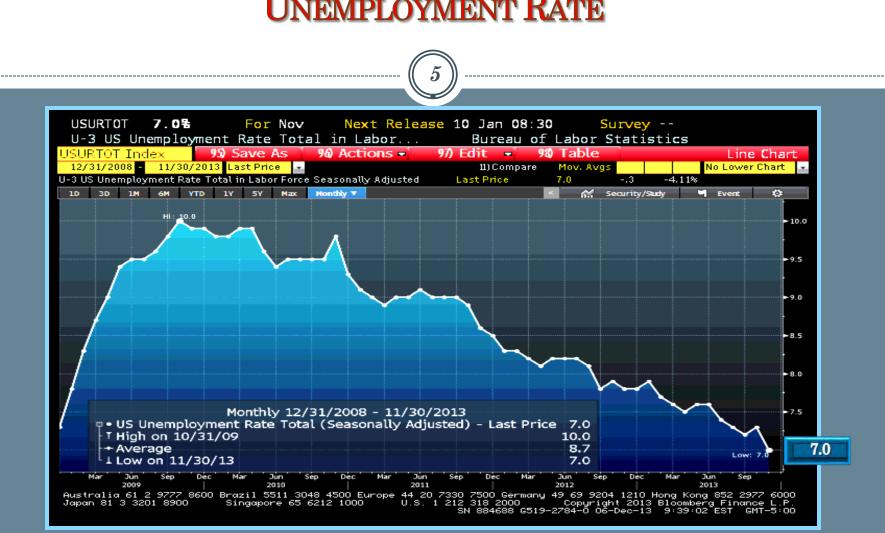


### BUREAU OF ASSET MANAGEMENT



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# **UNEMPLOYMENT RATE**



NOTE: THE MARKET INDICATORS CONTAINED IN THE BOARD MATERIALS ARE A SUBSET OF INDICATORS RELEVANT TO FUND PERFORMANCE AND STRATEGIC PLANNING AND ARE NOT INTENDED AS THE EXCLUSIVE INDICATORS.

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SOURCE: BLOOMBERG

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### BUREAU OF ASSET MANAGEMENT



• A SCORE ABOVE 50 INDICATES AN INCREASE IN BILLINGS WHILE A READING BELOW 50 INDICATES A NEGATIVE OUTLOOK

• This index is considered a leading indicator for commercial building construction with a 6-9 month lag

• Note: The market indicators contained in the board materials are a subset of indictors relevant to Fund performance and strategic planning and are not intended as the excusive indicators.

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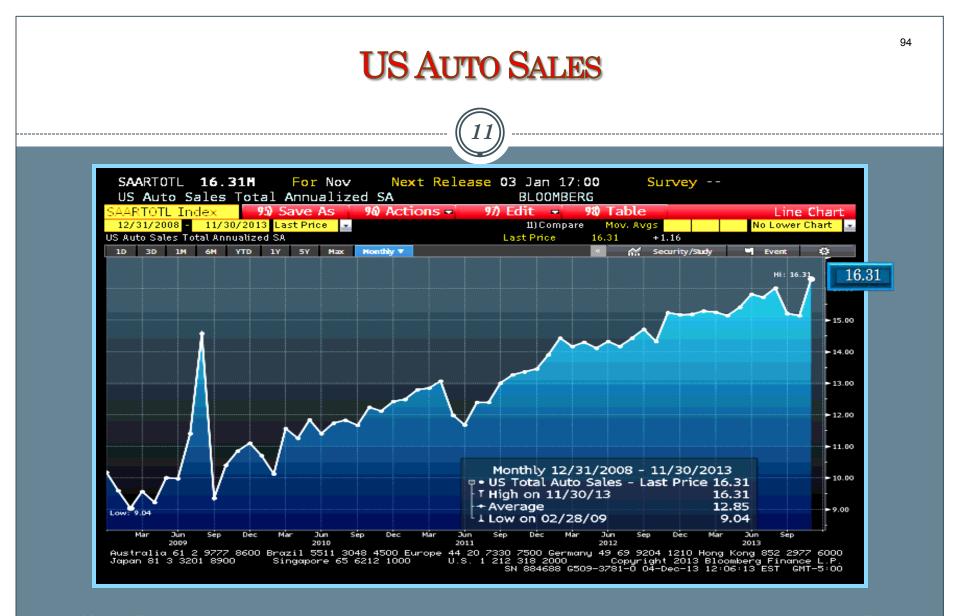
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- THE INDEX OF LEI IS COMPOSED OF: AVE. WEEKLY MANUFACTURING HRS, AVE. WEEKLY JOBLESS CLAIMS, MANUFACTURERS' NEW ORDERS-CONSUMER & CAPITAL, VENDOR PERFORMANCE, NEW BUILDING PERMITS, STOCK PRICES, MONEY SUPPLY-M2, INT. RATE SPREADS & CONSUMER EXPECTATIONS
- NOTE: THE MARKET INDICATORS CONTAINED IN THE BOARD MATERIALS ARE A SUBSET OF INDICTORS RELEVANT TO FUND PERFORMANCE AND STRATEGIC PLANNING AND ARE NOT INTENDED AS THE EXCUSIVE INDICATORS.

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### BUREAU OF ASSET MANAGEMENT

# **MARKET INDICATORS**

As of December 2013

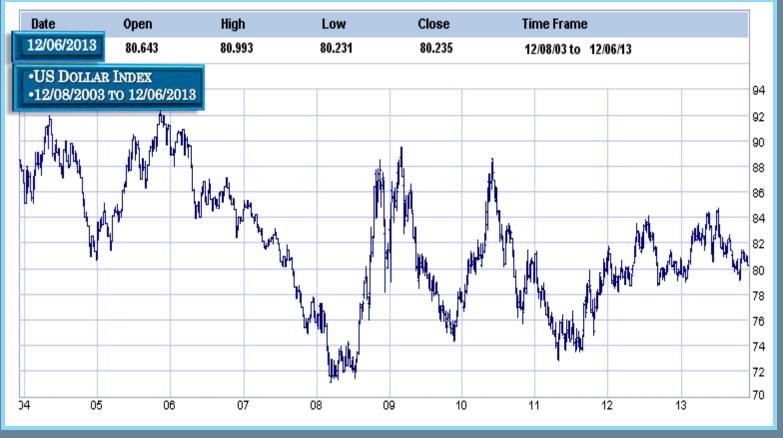


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# **TRADE WEIGHTED US DOLLAR INDEX**





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# **USD/EUR EXCHANGE RATE**



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SOURCE: BLOOMBERG

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### BUREAU OF ASSET MANAGEMENT

# VOLATILITY INDEX (THE "VIX")

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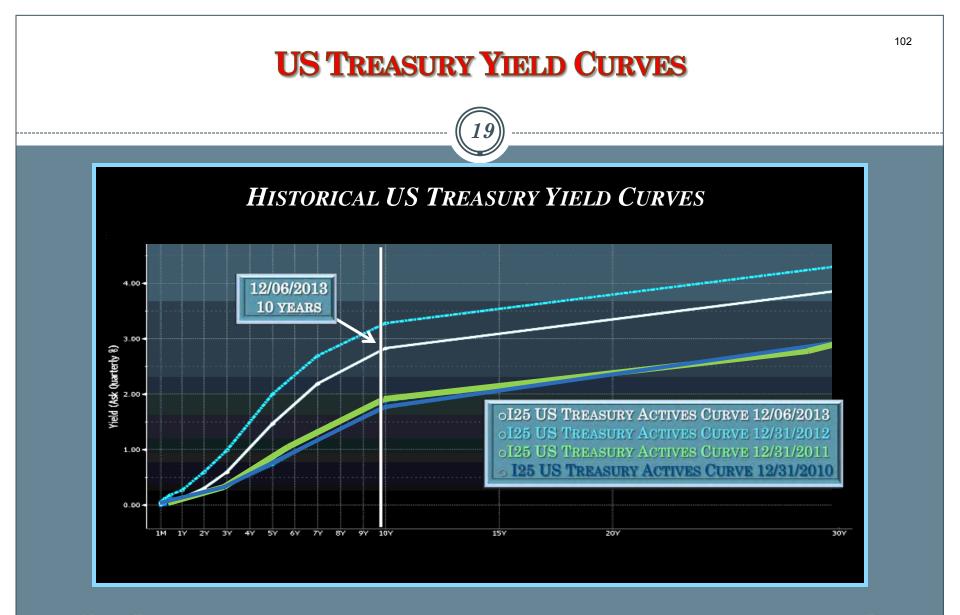


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### BUREAU OF ASSET MANAGEMENT

SOURCE: BLOOMBERG

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## **10 YEAR TREASURY RATES**

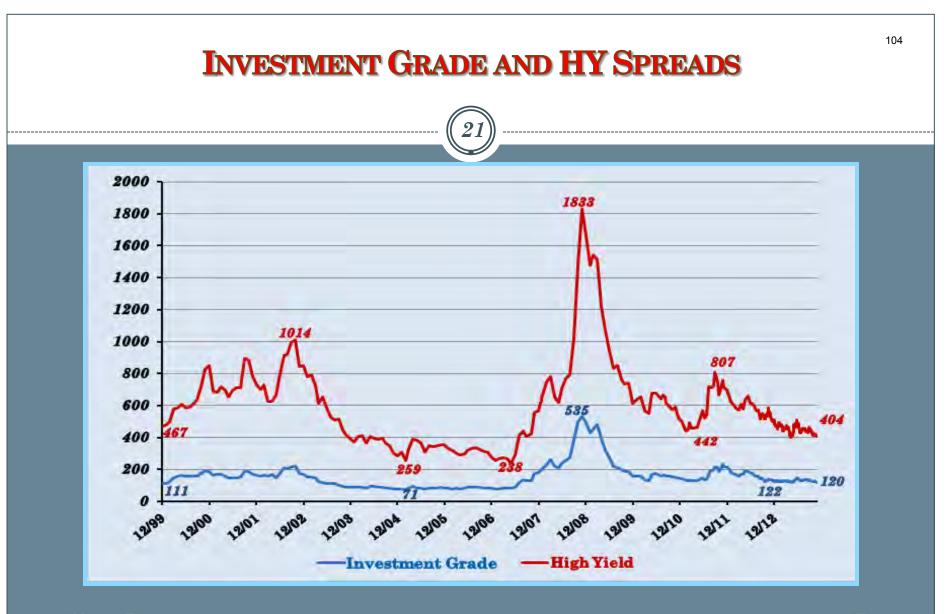


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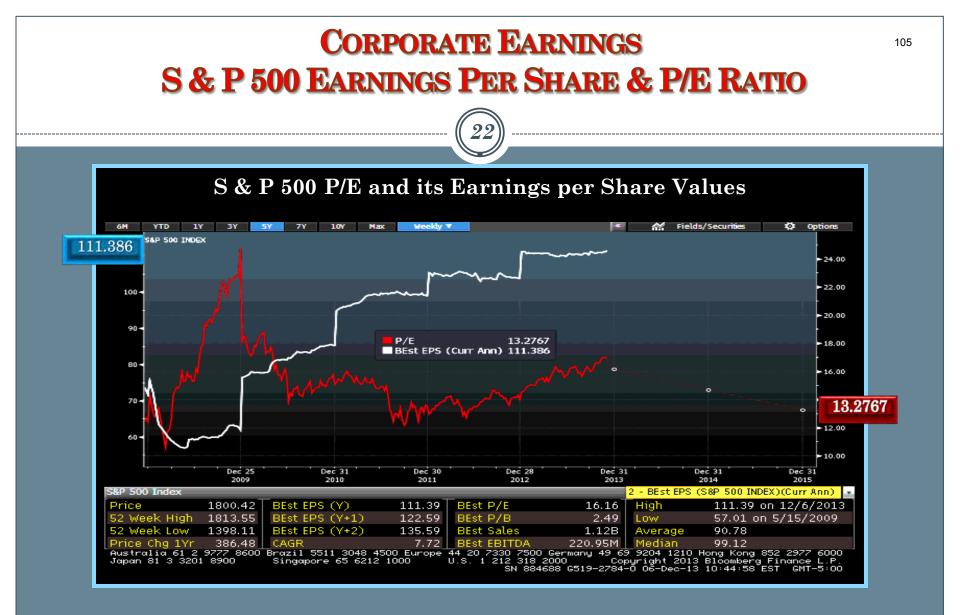
SOURCE: BLOOMBERG

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SOURCE: BARCLAYS CAPITAL AND TAPLIN, CANIDA & HABACHT, INC.



### BUREAU OF ASSET MANAGEMENT

# PRICE TO EARNING RATIOS INCLUDING ESTIMATES



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### BUREAU OF ASSET MANAGEMENT

SOURCE: BLOOMBERG

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# PRICE TO EARNING RATIOS INCLUDING ESTIMATES

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SOURCE: BLOOMBERG

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# RECENT GLOBAL EQUITY MARKET RETURNS



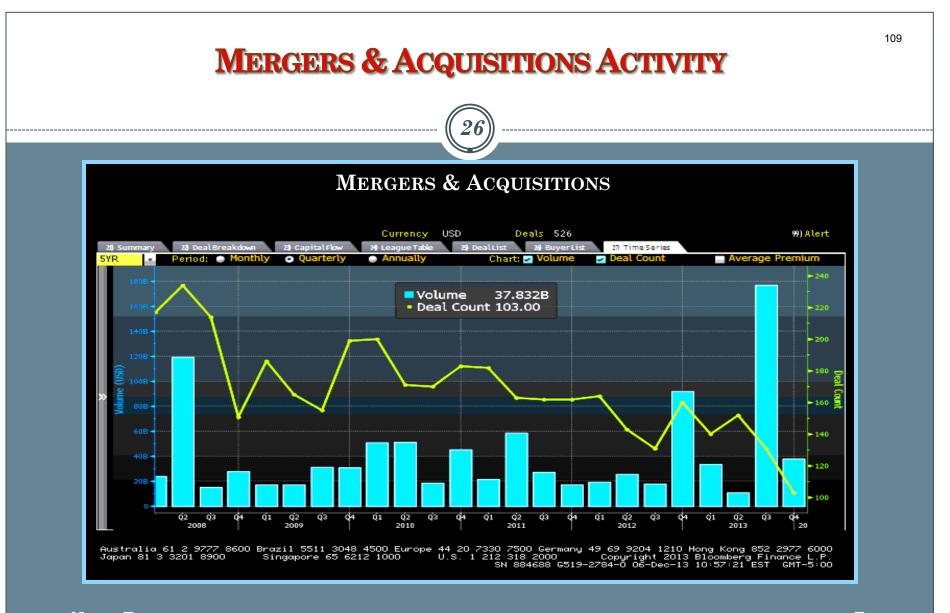


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SOURCE: BLOOMBERG

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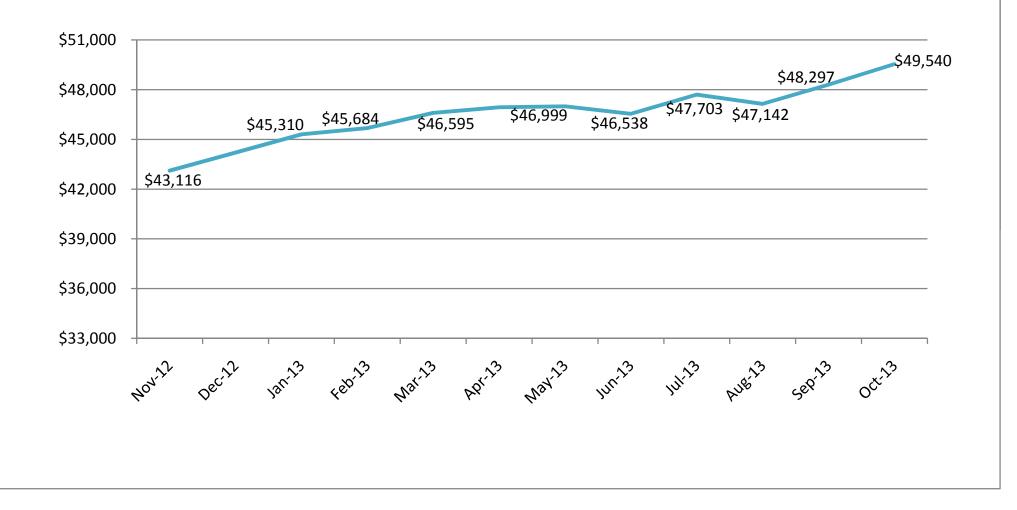


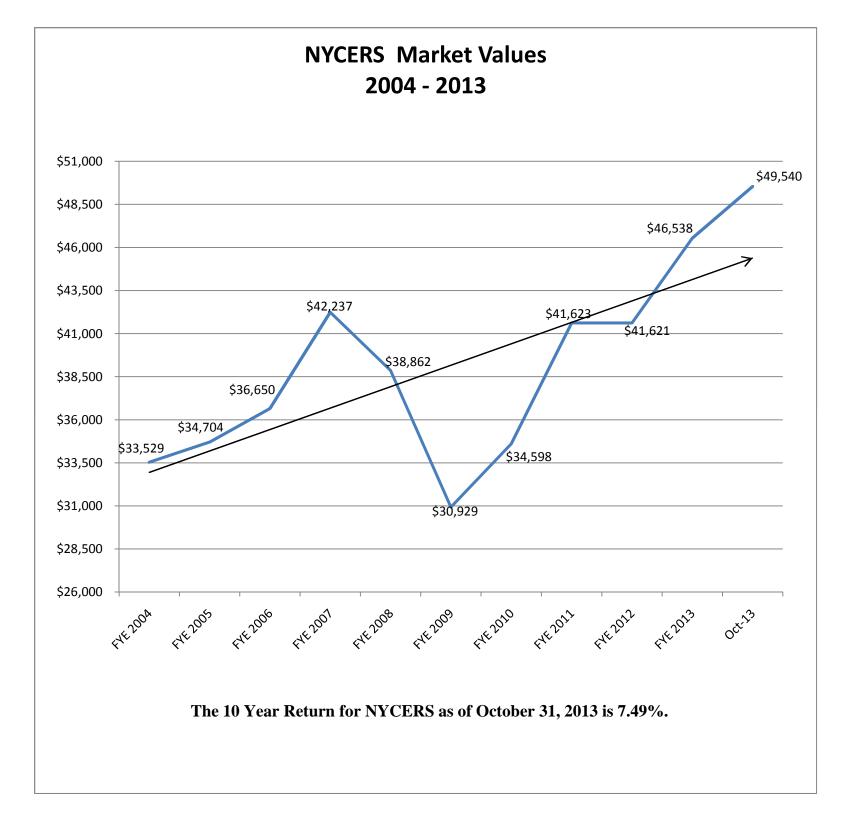
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## BUREAU OF ASSET MANAGEMENT

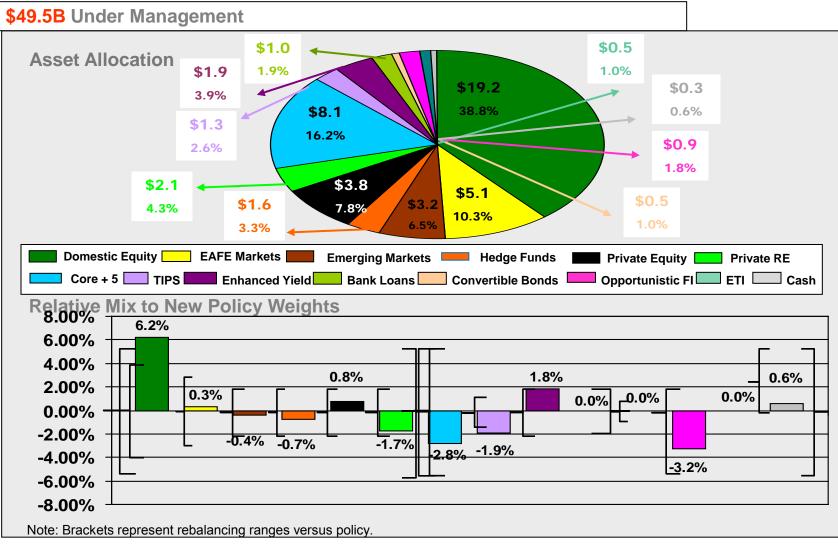
SOURCE: BLOOMBERG

# NYCERS - Market Values November 2012 - October 2013

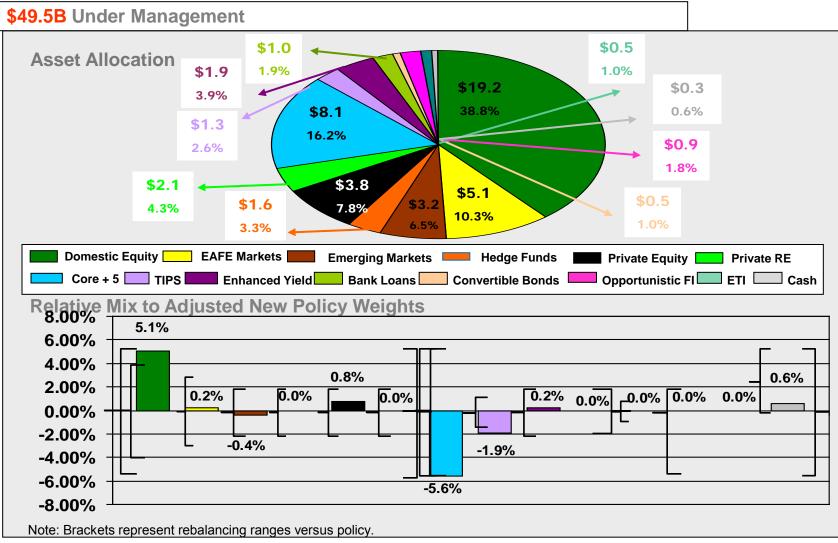




# Portfolio Asset Allocation: October 31, 2013



# Portfolio Asset Allocation: October 31, 2013



# NYC EMPLOYEES' RETIREMENT SYSTEM CLASSIFICATION OF INVESTMENTS (as of October 31st, 2013)

ASSET CLASS ALLOCATIONS	In \$MM	Actual	Policy Target	Adjustment	Adjusted Policy	Adjusted Target Range <sup>***</sup>
TOTAL EQUITIES	\$35,120.6	70.9%	66.5%	NA	65.3%	60.3% - 70.3%
TOTAL FIXED INCOME	\$14,419.1	29.1%	33.5%	NA	34.7%	29.7% - 39.7%
TOTAL ASSETS	\$49,539.7	100.0%	100.0%	NA	100.0%	
	In \$MM	Actual	Policy Target	Adjustment	Adjusted Policy	Adjusted Target Range***
US Equities	\$19,206.5	38.8%	32.6%	1.2%	33.8%	29.8% - 37.8%
Non-US Equities/EAFE	\$5,121.3	10.3%	10.0%	0.1%	10.1%	7.1% - 13.1%
Emerging Markets	\$3,217.7	6.5%	6.9%	NA	6.9%	4.9% - 8.9%
TOTAL PUBLIC EQUITY	\$27,545.5	55.6%	49.5%	NA	50.7%	
HEDGE FUNDS	\$1,619.8	3.3%	4.0%	NA	3.3%	2.0% - 6.0%
* PRIVATE REAL ESTATE	\$2,112.7	4.3%	6.0%	NA	4.3%	4.0% - 8.0%
* PRIVATE EQUITY	\$3,842.5	7.8%	7.0%	NA	7.0%	5.0% - 9.0%
TOTAL EQUITIES	\$35,120.6	70.9%	66.5%	NA	65.3%	60.3% - 70.3%
	In \$MM	Actual	Policy Target	Adjustment	Adjusted Policy	Adjusted Target Range****
🛱 US - Government	\$1,015.1			37.4		
	. ,	2.0%		NA		
	\$1,015.1	6.2%	19.0%	NA	21.8%	<b>16.8%</b> - <b>26.8%</b>
US - Mortgage US - Investment Grade Credit	\$3,092.9 \$3,559.3	6.2% 7.2%	19.0%	NA NA		
	\$3,092.9	6.2%	19.0%	NA	21.8%	16.8% - 26.8%
US - Mortgage US - Investment Grade Credit	\$3,092.9 \$3,559.3	6.2% 7.2%	19.0%	NA NA	21.8%	
US - Mortgage US - Investment Grade Credit <i>TOTAL CORE + 5</i>	\$3,092.9 \$3,559.3 \$8,034.1	6.2% 7.2% 16.2%		NA NA 2.8%		<b>16.8%</b> - <b>26.8%</b>
US - Mortgage US - Investment Grade Credit <i>TOTAL CORE + 5</i> High Yield	\$3,092.9 \$3,559.3 \$8,034.1 \$1,943.0	6.2% 7.2% 16.2% 3.9%	19.0%	NA NA 2.8% NA	21.8%	16.8% - 26.8% 3.6% - 7.6%
US - Mortgage US - Investment Grade Credit <i>TOTAL CORE + 5</i> High Yield Bank Loans	\$3,092.9 \$3,559.3 \$8,034.1 \$1,943.0 \$936.9	6.2% 7.2% 16.2% 3.9% 1.9%	19.0% 	NA NA 2.8% NA NA	21.8% 5.6%	16.8%         - 26.8%           3.6%         - 7.6%           0.0%         - 1.9%
US - Mortgage US - Investment Grade Credit <i>TOTAL CORE + 5</i> High Yield Bank Loans Total High Yield & Bank Loans	\$3,092.9 \$3,559.3 \$8,034.1 \$1,943.0 \$936.9 \$2,879.9	6.2%           7.2%           16.2%           3.9%           1.9%           5.8%	19.0% - 4.0% 4.0%	NA NA 2.8% NA NA 1.6%	21.8% - 5.6% 5.6%	16.8%         -         26.8%           3.6%         -         7.6%           0.0%         -         1.9%           3.6%         -         7.6%
US - Mortgage US - Investment Grade Credit <i>TOTAL CORE + 5</i> High Yield Bank Loans Total High Yield & Bank Loans TIPS	\$3,092.9 \$3,559.3 \$8,034.1 \$1,943.0 \$936.9 \$2,879.9 \$1,293.7	6.2%           7.2%           16.2%           3.9%           1.9%           5.8%           2.6%	19.0% - 4.0% 4.0% 4.5%	NA           NA           2.8%           NA           1.6%           NA	21.8% - 5.6% 5.6% 4.5%	16.8%       -       26.8%         3.6%       -       7.6%         0.0%       -       1.9%         3.6%       -       7.6%         3.0%       -       6.0%
US - Mortgage US - Investment Grade Credit <i>TOTAL CORE + 5</i> High Yield Bank Loans Total High Yield & Bank Loans TIPS Convertible Bonds	\$3,092.9 \$3,559.3 \$8,034.1 \$1,943.0 \$936.9 \$2,879.9 \$1,293.7 \$479.8	6.2%           7.2%           16.2%           3.9%           1.9%           5.8%           2.6%           1.0%	19.0%           4.0%           4.5%           1.0%	NA           NA           2.8%           NA           1.6%           NA           NA           NA	21.8% - 5.6% 5.6% 4.5% 1.0%	16.8%       - 26.8%         3.6%       - 7.6%         0.0%       - 1.9%         3.6%       - 7.6%         3.0%       - 6.0%         0.0%       - 2.0%
US - Mortgage US - Investment Grade Credit <i>TOTAL CORE + 5</i> High Yield Bank Loans Total High Yield & Bank Loans TIPS Convertible Bonds **ETI	\$3,092.9 \$3,559.3 \$8,034.1 \$1,943.0 \$936.9 \$2,879.9 \$1,293.7 \$479.8 \$531.8	6.2%           7.2%           16.2%           3.9%           1.9%           5.8%           2.6%           1.0%           1.1%	19.0%           4.0%           4.0%           1.0%           ***2.0%	NA           NA           2.8%           NA	21.8% 5.6% 5.6% 4.5% 1.0% *** 1.1%	16.8%       - 26.8%         3.6%       - 7.6%         0.0%       - 1.9%         3.6%       - 7.6%         3.0%       - 6.0%         0.0%       - 2.0%         ** 1.1%
US - Mortgage US - Investment Grade Credit <i>TOTAL CORE + 5</i> High Yield Bank Loans Total High Yield & Bank Loans TIPS Convertible Bonds **ETI Cash	\$3,092.9 \$3,559.3 \$8,034.1 \$1,943.0 \$936.9 \$2,879.9 \$1,293.7 \$479.8 \$531.8 \$321.8	6.2%           7.2%           16.2%           3.9%           1.9%           5.8%           2.6%           1.0%           1.1%           0.6%	19.0%           4.0%           4.0%           4.5%           1.0%           **2.0%           0.0%	NA           NA           2.8%           NA           NA	21.8% 5.6% 4.5% 1.0% **1.1% 0.0%	16.8%       - 26.8%         3.6%       - 7.6%         0.0%       - 1.9%         3.6%       - 7.6%         3.0%       - 6.0%         0.0%       - 2.0%         ** 1.1%

\* Ranges for illiquid asset classes represent minimums and maximums which will be monitored and will influence pacing analysis but will not necessarily result in purchases or sales.

\*\* ETIs have a policy of 2% of the total Fund. The ETI adjusted policy % is shown for illustrative purposes only and is not included in the sub-totals. The ETI policy % is included within the policy % of the other asset classes.

\*\*\* Adjusted Target Ranges are calculated as follows: Total Equities: +/-5%; Total Fixed Income: +/-5%; US Equities: +/-4%; Non-US Equities/EAFE: +/-3%; Emerging Markets: +/-2%; Hedge Funds: +/-2%; Real Estate: +/-2%; Private Equity: +/-2%; Core +5: +/-5%; TIPS: +/-1.5%; High Yield & Bank Loans: +/-2% (Bank Loans up to 1/3 of Adjusted Policy); Convertible Bonds: +/-1%; Cash: 0-5%; OFI: +2%/-5%.

# NYC EMPLOYEES' RETIREMENT SYSTEM CLASSIFICATION OF INVESTMENTS (as of October 31st, 2013)

#### Adjustments to Long-Term Asset Allocation

### 1) Private Equity

100% of uninvested commitments will be invested in Global Equity.

#### 2) Real Estate

50% of uninvested commitments will be invested in Fixed Income Core +5 and 50% of uninvested commitments will be invested in US Equity.

#### 3) Opportunistic Fixed Income

50% of uninvested commitments will be invested in Fixed Income Core +5 and 50% of uninvested commitments will be invested in High Yield.

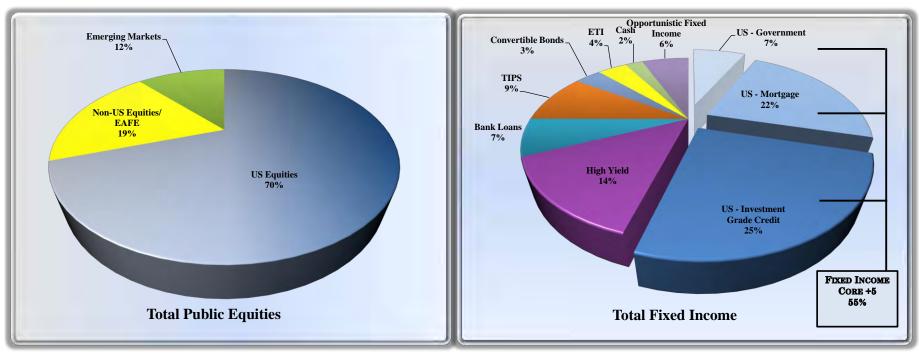
#### 4) Hedge Funds

50% of uninvested commitments will be invested in Fixed Income Core +5 and 50% of uninvested commitments will be invested in Global Equity.

### **Impact of Adjustments**

1) Core +5 Policy Target %	19.0%
Adjustment: 50% of uninvested Opportunistic FI	1.6%
Adjustment: 50% of uninvested Real Estate	0.9%
Adjustment: 50% of uninvested Hedge Funds	0.4%
Adjusted Core+5 Policy Target %	21.8%
2) High Yield Policy Target %	4.0%
Adjustment: 50% of uninvested Opportunistic FI	<u>1.6%</u>
Adjusted High Yield Policy Target %	5.6%
3) Domestic Equity Policy Target %	32.6%
Adjustment: 50% of uninvested Real Estate	0.9%
Adjustment: 79% of uninvested Private Equity	0.0%
Adjustment: 39% of uninvested Hedge Funds	0.3%
Adjusted Domestic Equity Policy Target %	33.8%
4) Non-U.S. Equity (Developed) Policy Target %	10.0%
Adjustment: 21% of uninvested Private Equity	0.0%
Adjustment: 11% of uninvested Hedge Funds	0.1%
Adjusted Non-U.S. Equity (Developed) Policy Target %	10.1%

# NYC EMPLOYEES' RETIREMENT SYSTEM CLASSIFICATION OF INVESTMENTS (as of October 31st, 2013)

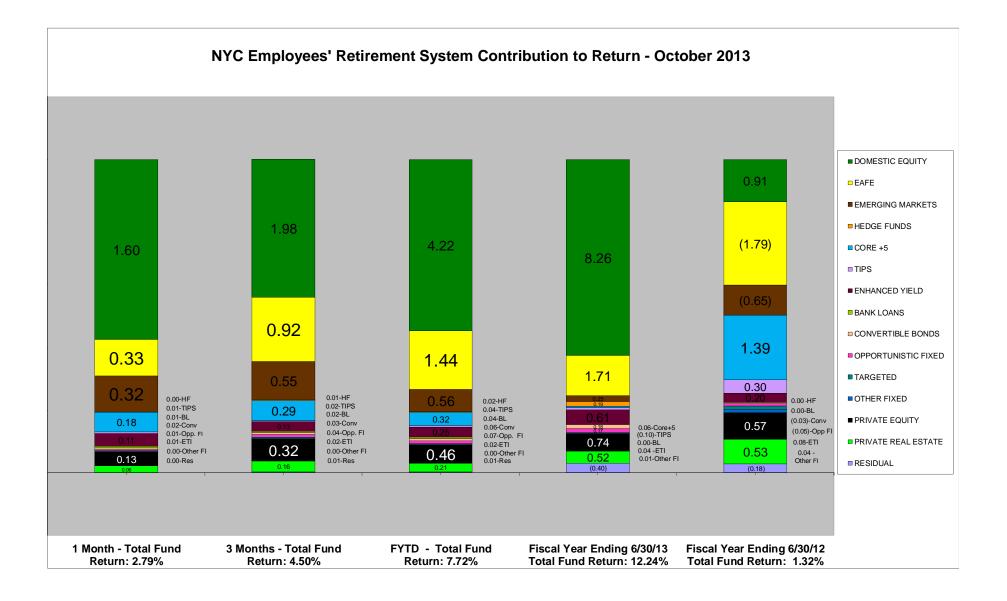


Note: Totals may not equal 100% due to rounding

## THE BANK OF NEW YORK MELLON **CITY OF NEW YORK**

Market Indicator Page \*NYC Employees' Retirement System October 31, 2013

	Trailing 1 Month	Trailing 3 Months	06/30/13 10/31/13	Trailing 1 Year	Trailing* 2 Years	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years
MARKET INDICATORS								
STANDARD & POORS 500	4.60	4.75	10.08	27.18	21.03	16.56	15.17	7.46
S&P MIDCAP INDEX 400	3.72	5.03	11.54	33.48	22.31	17.55	19.63	10.44
RUSSELL 1000	4.40	5.06	10.68	28.40	21.48	16.82	15.85	7.83
RUSSELL 2000	2.51	5.59	12.98	36.28	23.57	17.68	17.04	9.03
RUSSELL 3000	4.25	5.10	10.87	28.99	21.64	16.89	15.94	7.93
RUSSELL 3000 GROWTH	4.21	7.17	13.05	29.16	20.66	16.97	17.65	7.81
RUSSELL 3000 VALUE	4.29	3.05	8.70	28.64	22.51	16.72	14.12	7.88
MSCI EAFE (NET DIVIDEND)	3.36	9.54	15.32	26.88	15.20	8.38	11.99	7.71
MSCI EMERGING MARKETS FREE	4.87	9.85	11.06	6.90	4.92	0.63	15.76	12.77
FTSE CUSTOM BENCHMARK	5.47	9.43	9.74	5.57	4.08	0.62	16.49	****
MSCI WORLD INDEX	3.94	6.90	12.56	26.48	18.00	12.52	14.00	7.95
MSCI EUROPE SMID CAP INDEX	4.47	11.78	21.77	36.49	21.79	11.31	18.22	****
MSCI AC WORLD FRONTIER MARKETS EX USA	3.66	9.30	14.09	20.32	11.83	6.02	12.40	****
1 YEAR TREASURY BILL YIELD + 4%	0.33	1.05	1.46	4.31	****	****	****	****
HFRI FUND OF FUNDS COMPOSITE INDEX + 1%	1.58	2.35	3.44	9.31	****	****	****	****
NYC - TREASURY AGENCY PLUS FIVE	0.95	1.13	0.37	-4.75	1.17	3.96	6.66	5.97
CITIGROUP MORTGAGE	0.64	1.76	1.71	-0.36	1.58	2.58	5.16	4.91
NYC - INVESTMENT GRADE CREDIT INDEX	1.42	1.57	2.19	-1.36	4.07	4.55	10.34	5.36
NYC - CORE PLUS FIVE	1.03	1.57	1.66	-1.61	2.47	3.64	7.16	5.40
CITIGROUP BROAD INVESTMENT GRADE	0.81	1.25	1.39	-1.07	2.04	3.01	6.07	4.90
BARCLAYS CAPITAL AGGREGATE	0.81	1.24	1.38	-1.08	2.03	3.02	6.09	4.78
CITIGROUP BB & B	2.57	2.69	4.50	7.55	10.17	8.83	14.44	7.37
BofA MERRILL LYNCH HY MASTER II	2.46	2.83	4.77	8.83	10.97	8.88	18.03	8.75
CREDIT SUISSE LEVERAGED LOAN INDEX	0.80	1.13	2.21	6.28	****	****	****	****
BARCLAYS CAPITAL GLOBAL US TIPS (INFLATION NOTES)	0.55	0.52	1.26	-6.39	0.56	3.31	7.37	5.24
BofA ML ALL CONVERTIBLES EX MANDATORY	2.07	4.91	9.58	23.82	16.38	11.38	17.58	****
DJ WILSHIRE REAL ESTATE SECURITIES INDEX	4.09	0.12	0.87	10.06	11.96	11.77	14.80	9.61
NCREIF NFI-ODCE NET	0.00	3.35	3.35	11.96	11.20	13.17	-0.24	****
91 DAY TREASURY BILL	0.00	0.01	0.01	0.09	0.08	0.10	0.14	1.69



### CITY OF NEW YORK

### Manager / Benchmark Comparison Report \*NYC Employees' Retirement System

October 31, 2013

	Assets (\$MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012	Calendar Yr Ending 2011			Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
ASSET CLASS SUMMARY																
DOMESTIC EQUITY	\$ 19,206.5	38.77%	4.15%	5.10%	11.04%	27.20%	22.75%	16.62%	0.17%	17.16%	28.26%	30.42%	16.87%	15.97%	7.97%	11.35%
INTERNATIONAL EAFE	5,121.3	10.34%	3.17	9.41	15.61	19.48	17.45	17.47	-12.59	11.17	33.66	26.32	8.37	12.73	****	6.78
EMERGING MARKETS	3,217.7	6.50%	5.35	9.38	9.28	0.70	4.09	19.88	-18.76	26.33	86.55	6.65	1.32	17.85	****	10.38
HEDGE FUNDS	1,619.8	3.27%	0.01	0.33	0.50	2.22	8.59	7.69	****	****	****	5.79	****	****	****	2.85
CORE + 5	7,667.2	15.48%	1.10	1.78	1.95	-0.87	0.33	6.92	8.85	9.42	9.65	-0.86	4.31	8.29	5.79	8.39
CONVERTIBLE BONDS	479.8	0.97%	1.75	2.70	6.16	13.98	13.73	11.66	-3.02	14.54	33.08	15.96	8.56	14.21	****	6.38
TIPS MANAGERS	1,293.7	2.61%	0.54	0.65	1.40	-6.02	-4.49	7.25	13.50	6.47	10.15	-6.02	3.33	7.50	****	5.01
ENHANCED YIELD	1,943.0	3.92%	2.67	2.99	5.19	7.17	9.72	14.56	5.73	14.24	40.25	9.82	9.22	15.94	8.44	8.48
BANK LOANS	936.9	1.89%	0.79	1.07	2.15	4.71	****	****	****	****	****	****	****	****	****	5.14
OPPORTUNISTIC FIXED	878.0	1.77%	0.49	2.70	4.39	14.59	16.18	20.49	-4.40	26.01	19.13	16.72	10.68	14.17	****	****
PROGRESS FIXED EMERGING MGRS	105.1	0.21%	0.83	1.23	1.30	-0.94	0.07	5.51	8.39	7.43	8.78	-0.80	3.79	7.23	5.97	6.39
CORE PLUS FIXED INCOME	261.8	0.53%	0.82	1.34	1.61	-0.82	0.56	6.23	8.11	7.46	****	-0.43	3.80	****	****	6.52
ECONOMICALLY TARGETED INVESTMENTS	531.8	1.07%	0.78	1.65	1.86	2.02	3.02	6.12	6.61	6.87	8.23	2.94	4.77	6.93	6.10	9.67
PRIVATE EQUITY	3,842.5	7.76%	1.61	4.13	5.80	8.21	8.38	12.74	13.78	14.02	-4.17	11.55	13.09	7.37	****	11.98
PRIVATE REAL ESTATE	2,112.7	4.26%	1.38	3.67	4.87	12.78	12.89	14.43	22.28	8.46	-43.87	15.72	17.36	-1.89	****	7.95
CASH	321.8	0.65%	0.11	0.08	0.10	0.43	0.54	0.90	0.89	0.49	1.31	0.48	0.63	0.92	****	2.46
TOTAL EMPLOYEES	\$ 49,539.7		2.79%	4.50%	7.72%	13.20%	12.24%	13.42%	1.13%	13.79%	20.98%	16.00%	10.52%	12.07%	7.49%	8.96%
TOTAL EQUITY	27,545.5	55.60%	4.10	6.34	11.66	22.35	19.42	16.99	-4.35	16.31	31.61	26.65	13.40	14.87	7.97	8.83
TOTAL HEDGE FUNDS	1,619.8	3.27%	0.01	0.33	0.50	2.22	8.59	7.69	****	****	****	5.79	****	****	****	2.85
TOTAL FIXED INCOME	14,097.3	28.46%	1.21	1.86	2.64	1.56	3.13	8.95	7.75	10.68	15.55	2.27	5.67	10.10	****	6.21
TOTAL PRIVATE EQUITY	3,842.5	7.76%	1.61	4.13	5.80	8.21	8.38	12.74	13.78	14.02	-4.17	11.55	13.09	7.37	****	11.98
TOTAL PRIVATE REAL ESTATE	2,112.7	4.26%	1.38	3.67	4.87	12.78	12.89	14.43	22.28	8.46	-43.87	15.72	17.36	-1.89	****	7.95
TOTAL CASH	321.8	0.65%	0.11	0.08	0.10	0.43	0.54	0.90	0.89	0.49	1.31	0.48	0.63	0.92	****	2.46

\* Returns data throughout the various reports are shown Gross of Fees with the exception of PE, RE, Opp FI, and Hedge Funds.

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		Assets (\$MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
EQUITY ASSET CLASS SUMMARY																	
DOMESTIC EQUITY	\$	19,206.5	38.77%	4.15%	5.10%	11.04%	27.20%	22.75%	16.62%	0.17%	17.16%	28.26%	30.42%	16.87%	15.97%	7.97%	11.35%
PASSIVE DOMESTIC EQUITY		14,413.0	29.09%	4.23	4.97	10.73	26.34	21.92	16.51	0.52	16.58	27.80	29.33	16.62	15.66	7.79	11.18
RUSSELL 3000				4.25	5.10	10.87	26.45	21.46	16.42	1.03	16.93	28.34	28.99	16.89	15.94	7.93	
	+/-	0 457 7	1.00%	(0.02)	(0.13)	(0.13)	(0.11)	0.46	0.09	(0.51)	(0.35)	(0.54)	0.34	(0.27)	(0.28)	(0.14)	
TOTAL RUSSELL 3000 RUSSELL 3000		2,157.7	4.36%	4.21 4.25	5.24 5.10	11.00 10.87	26.61 26.45	21.40 21.46	16.34 16.42	1.05 1.03	17.22 16.93	28.29 28.34	29.09 28.99	16.91 16.89	16.01 15.94	7.94 7.93	9.91
	+/-			(0.04)	0.14	0.14	0.16	(0.06)	(0.08)	0.02	0.29	(0.05)	0.10	0.03	0.07	0.02	
TOTAL LARGE CAP PASSIVE		4,472.9	9.03%	4.36	****	****	****	****	****	****	****	****	****	****	****	****	6.48
RUSSELL 1000				4.40	****	****	****	****	****	****	****	****	****	****	****	****	
	+/-			(0.04)	****	****	****	****	****	****	****	****	****	****	****	****	
TOTAL STANDARD & POORS 500 STANDARD & POORS 500		4,804.4	9.70%	4.58	4.74	10.11	25.35	20.77	15.99	1.74	14.90	26.45	27.29	16.45	15.07	7.37	3.27
STANDARD & POORS 500	+/-			4.60 (0.02)	4.75 (0.01)	10.08 0.02	25.30 0.05	20.60 0.17	16.00 (0.02)	2.11 (0.37)	15.06 (0.16)	26.47 (0.02)	27.18 0.11	16.56 (0.11)	15.17 (0.10)	7.46 (0.09)	
TOTAL MID CAP PASSIVE		2,507.8	5.06%	3.69	5.02	11.46	27.56	24.93	17.81	****	****	****	33.16	****	****	****	14.43
S&P MIDCAP INDEX 400		2,007.0	0.0070	3.72	5.03	11.54	27.81	25.18	17.88	****	****	****	33.48	****	****	****	
	+/-			(0.02)	(0.01)	(0.07)	(0.25)	(0.25)	(0.07)	****	****	****	(0.32)	****	****	****	
TOTAL SMALL CAP PASSIVE		470.1	0.95%	2.63	5.97	13.29	30.99	23.86	16.41	****	****	****	36.27	****	****	****	12.44
RUSSELL 2000	+/-			2.51 0.11	5.59 0.38	12.98 0.31	30.90 0.09	24.21 (0.34)	16.35 0.06	****	****	****	36.28 (0.01)	****	****	****	
ACTIVE DOMESTIC EQUITY		4.472.2	9.03%	3.85	5.39	11.91	30.10	25.78	17.12	-1.73	19.89	30,13	33.96	17.48	17.02	8.65	10.68
RUSSELL 3000		.,		4.25	5.10	10.87	26.45	21.46	16.42	1.03	16.93	28.34	28.99	16.89	15.94	7.93	
	+/-			(0.40)	0.29	1.04	3.65	4.32	0.71	(2.76)	2.96	1.79	4.98	0.60	1.07	0.72	
TOTAL LARGE CAP ACTIVE		2,058.9	4.16%	4.46 4.40	4.49 5.06	10.64 10.68	28.55 26.08	25.32 21.24	16.76	1.36 1.50	17.35	25.23	31.49 28.40	17.79 16.82	16.17	****	9.87
RUSSELL 1000	+/-			4.40 0.05	5.06 (0.57)	(0.05)	26.08	21.24	16.42 0.33	(0.14)	16.10 1.25	28.43 (3.20)	28.40	16.82	15.85 0.32	****	
TOTAL SMALL CAP ACTIVE		1,501.0	3.03%	3.17	6.56	13.96	33.78	29.33	18.75	-6.63	29.84	38.79	40.39	18.39	20.04	****	8.54
RUSSELL 2000		1,001.0	0.0070	2.51	5.59	12.98	30.90	24.21	16.35	-4.18	26.85	27.18	36.28	17.68	17.04	****	0.01
	+/-			0.65	0.97	0.98	2.88	5.12	2.41	(2.46)	2.99	11.61	4.11	0.71	3.00	****	
TOTAL EMERGING MGRS		912.3	1.84%	3.61	5.54	11.49	27.45	22.63	16.17	-0.20	17.79	28.04	30.64	16.62	15.94	8.30	8.90
RUSSELL 3000	+/-			4.25	5.10	10.87	26.45	21.46	16.42	1.03	16.93	28.34	28.99	16.89	15.94	7.93	
US STRATEGIC EQUITY	<b>T</b> /-	321.4	0.65%	(0.64) 5.03	0.43 6.71	0.63 13.27	1.00 26.24	1.16 19.41	(0.25) 9.12	(1.23) 0.40	0.86 8.19	(0.30) 21.74	1.65 32.72	(0.27) 12.81	(0.00) 12.01	0.37	3.95
TOTAL U.S. ENVIRONMENTAL RUSSELL 2000		321.4	0.65%	5.03 2.51	6.71 5.59	13.27 12.98	26.98 30.90	20.18 24.21	13.51 16.35	1.17 -4.18	26.98 26.85	29.89 27.18	33.81 36.28	17.63 17.68	17.88 17.04	****	10.75
RUSSELL 2000	+/-			2.51	1.11	0.28	(3.92)	(4.02)	(2.84)	5.34	0.13	27.10	(2.47)	(0.05)	0.83	****	
TOTAL INTERNATIONAL EQUITY		8,339.0	16.83%	3.98	9.41	13.13	11.69	11.90	18.09	-14.05	14.04	41.07	18.17	5.72	12.69	8.24	6.91
PASSIVE DEVELOPED MARKETS		652.0	1.32%	3.26	9.50	15.21	20.14	18.66	17.60	-12.50	8.18	32.26	26.93	8.35	12.18	8.01	5.91
MSCI EAFE (NET DIVIDEND)				3.36	9.54	15.32	20.05	18.62	17.32	-12.14	7.75	31.78	26.88	8.38	11.99	7.71	
	+/-			(0.10)	(0.03)	(0.10)	0.09	0.03	0.28	(0.36)	0.43	0.48	0.05	(0.03)	0.18	0.30	
PASSIVE EMERGING MARKETS FTSE CUSTOM BENCHMARK		1,070.6	2.16%	5.46 5.47	9.49 9.43	8.95 9.74	-0.63 -0.38	2.42 2.96	16.11 17.84	****	****	****	5.27 5.57	****	****	****	-2.66
	+/-			(0.02)	0.06	(0.79)	(0.25)	(0.54)	(1.73)	****	****	****	(0.30)	****	****	****	
ACTIVE DEVELOPED MARKETS		3,900.2	7.87%	2.99	9.29	15.32	17.93	15.91	16.97	-11.88	10.56	34.00	24.34	8.00	12.37	7.66	7.31
MSCI EAFE (NET DIVIDEND)				3.36	9.54	15.32	20.05	18.62	17.32	-12.14	7.75	31.78	26.88	8.38	11.99	7.71	
	+/-	0.447.0	4.000/	(0.38)	(0.24)	0.00	(2.12)	(2.72)	(0.35)	0.26	2.81	2.22	(2.54)	(0.38)	0.37	(0.06)	40.00
ACTIVE EMERGING MARKETS FTSE CUSTOM BENCHMARK		2,147.0	4.33%	5.30 5.47	9.33 9.43	9.47 9.74	1.51 -0.38	5.12 2.96	20.98 17.84	-18.87 -18.27	27.44 24.60	86.55 83.92	7.50 5.57	1.85 0.62	18.42 16.49	****	10.82
	+/-			(0.17)	(0.10)	(0.28)	1.89	2.16	3.14	(0.60)	2.84	2.63	1.93	1.23	1.94	****	
TOTAL PASSIVE GLOBAL		68.9	0.14%	3.64	6.89	12.49	****	****	****	****	****	****	****	****	****	****	12.49
MSCI WORLD INDEX				3.94	6.90	12.56	****	****	****	****	****	****	****	****	****	****	
	+/-			(0.30)	(0.01)	(0.07)	****	****	****	****	****	****	****	****	****	****	
TOTAL NON-U.S. ACTIVIST MSCI EUROPE SMID CAP INDEX		333.1	0.67%	5.23 4.47	12.58 11.78	23.24 21.77	31.55 28.45	27.47 25.26	22.10 25.81	-24.14 -17.56	29.33 16.03	29.34 53.23	44.68 36.49	9.14 11.31	16.35 18.22	****	13.35
IVISGI LUNUFE SIVILU GAF INDEA	+/-			4.47	0.81	1.46	28.45	25.26	(3.71)	-17.56 (6.58)	13.30	(23.89)	36.49 8.20	(2.17)	(1.86)	****	
NON-U.S. ENVIRONMENTAL		167.1	0.34%	2.92	6.94	11.70	24.92	22.83	18.76	-7.75	8.66	40.08	30.71	12.85	15.46	****	4.90
MSCI WORLD INDEX				3.94	6.90	12.56	22.45	19.27	16.54	-5.02	12.34	30.80	26.48	12.52	14.00	****	
	+/-			(1.02)	0.04	(0.86)	2.48	3.55	2.22	(2.73)	(3.68)	9.28	4.23	0.32	1.47	****	

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		Assets (\$MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13		Calendar Yr Ending 2011			Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
FIXED INCOME ASSET CLASS SUMMA	RY																
TOTAL FIXED INCOME		\$ 14,097.3	28.46%	1.21%	1.86%	2.64%	1.56%	3.13%	8.95%	7.75%	10.68%	15.55%	2.27%	5.67%	10.10%	****	6.21%
CORE + 5 NYC - CORE PLUS FIVE	+/-	7,667.2	15.48%	1.10 1.03 0.07	1.78 1.57 0.22	1.95 1.66 0.29	-0.87 -1.60 0.73	0.33 -0.95 1.28	6.92 5.41 1.51	8.85 9.40 (0.55)	9.42 7.13 2.29	9.65 6.28 3.37	-0.86 -1.61 0.76	4.31 3.64 0.67	8.29 7.16 1.13	5.79 5.40 0.40	8.39
ALL MORTGAGE CITIGROUP MORTGAGE INDEX	+/-	3,092.9	6.24%	0.70 0.64 0.06	1.94 1.76 0.18	1.82 1.71 0.10	-0.06 -0.34 0.28	-0.17 -1.15 0.97	4.26 2.60 1.66	6.19 6.38 (0.19)	9.12 5.50 3.62	9.15 5.76 3.39	-0.05 -0.36 0.31	3.24 2.58 0.66	6.42 5.16 1.26	5.30 4.91 0.39	7.23
ALL INVESTMENT GRADE CREDIT NYC - INVESTMENT GRADE CREDIT	+/-	3,559.3	7.18%	1.51 1.42 0.09	1.81 1.57 0.25	2.50 2.19 0.30	-0.46 -1.36 0.90	2.29 1.19 1.10	10.58 9.52 1.05	7.82 7.80 0.03	9.63 8.36 1.27	20.37 16.36 4.01	-0.41 -1.36 0.95	5.28 4.55 0.73	11.46 10.34 1.11	5.80 5.36 0.45	7.53
ALL TREASURY / AGENCY NYC - TREASURY AGENCY PLUS FIVE	+/-	1,015.1	2.05%	0.91 0.95 (0.05)	1.20 1.13 0.07	0.45 0.37 0.09	-4.60 -4.70 0.10	-4.36 -4.52 0.15	4.20 3.84 0.36	18.35 18.44 (0.09)	9.55 9.24 0.31	-6.56 -7.44 0.88	-4.63 -4.75 0.12	4.01 3.96 0.05	6.96 6.66 0.30	6.04 5.97 0.07	7.86
TOTAL TIPS MANAGERS BARCLAYS CAPITAL US TIPS INDEX	+/-	1,293.7	2.61%	0.54 0.55 (0.01)	0.65 0.52 0.12	1.40 1.26 0.14	-6.02 -6.23 0.21	-4.49 -4.78 0.28	7.25 6.98 0.27	13.50 13.56 (0.06)	6.47 6.37 0.10	10.15 11.41 (1.26)	-6.02 -6.39 0.37	3.33 3.31 0.02	7.50 7.37 0.13	**** ****	5.01
TOTAL ENHANCED YIELD CITIGROUP BB & B	+/-	1,943.0	3.92%	2.67 2.57 0.09	2.99 2.69 0.30	5.19 4.50 0.69	7.17 5.35 1.82	9.72 8.11 1.61	14.56 14.45 0.11	5.73 6.58 (0.85)	14.24 13.35 0.89	40.25 40.37 (0.12)	9.82 7.55 2.27	9.22 8.83 0.39	15.94 14.44 1.50	8.44 7.37 1.07	8.48
TOTAL BANK LOANS CREDIT SUISSE LEVERAGED LOAN INDEX	+/-	936.9	1.89%	0.79 0.80 (0.02)	1.07 1.13 (0.06)	2.15 2.21 (0.06)	4.71 5.09 (0.38)	****	****	****	****	**** ****	****	****	****	**** ****	5.14
TOTAL CONVERTIBLE BONDS BofA ML ALL CONVERTIBLES EX MANDATORY	+/-	479.8	0.97%	1.75 2.07 (0.32)	2.70 4.91 (2.21)	6.16 9.58 (3.42)	13.98 20.30 (6.31)	13.73 17.48 (3.75)	11.66 14.41 (2.76)	-3.02 -3.42 0.39	14.54 16.52 (1.98)	33.08 47.19 (14.11)	15.96 23.82 (7.86)	8.56 11.38 (2.82)	14.21 17.58 (3.37)	**** ****	6.38
TOTAL OPPORTUNISTIC FIXED NYC - JP MORGAN HY PLUS 3%	+/-	878.0	1.77%	0.49 2.99 (2.50)	2.70 4.06 (1.36)	4.39 6.17 (1.77)	14.59 8.64 5.96	16.18 12.47 3.71	20.49 19.20 1.28	-4.40 8.73 (13.13)	26.01 18.05 7.96	19.13 61.90 (42.77)	16.72 11.94 4.78	10.68 12.60 (1.92)	14.17 21.29 (7.12)	**** ****	****
TOTAL PROGRESS FIXED EMERGING MGRS BARCLAYS CAPITAL AGGREGATE	+/-	105.1	0.21%	0.83 0.81 0.02	1.23 1.24 (0.02)	1.30 1.38 (0.08)	-0.94 -1.10 0.16	0.07 -0.69 0.76	5.51 4.21 1.29	8.39 7.84 0.55	7.43 6.54 0.89	8.78 5.93 2.85	-0.80 -1.08 0.28	3.79 3.02 0.77	7.23 6.09 1.14	5.97 4.78 1.20	6.39
TOTAL CORE PLUS FIXED INCOME BARCLAYS CAPITAL AGGREGATE	+/-	261.8	0.53%	0.82 0.81 0.01	1.34 1.24 0.10	1.61 1.38 0.23	-0.82 -1.10 0.28	0.56 -0.69 1.25	6.23 4.21 2.02	8.11 7.84 0.27	7.46 6.54 0.92	****	-0.43 -1.08 0.65	3.80 3.02 0.79	****	**** ****	6.52
ECONOMICALLY TARGETED INVESTMENTS EMPLOYEES CUSTOM BENCHMARK (NO CASH)	+/-	531.8	1.07%	0.78 **** ****	1.65 ****	1.86 ****	2.02 ***** ****	3.02 -0.95 3.97	6.12 3.41 2.71	6.61 7.66 (1.05)	6.87 6.47 0.40	8.23 5.21 3.02	2.94	4.77 ***** ****	6.93 **** ****	6.10 ****	9.67
CASH ASSET CLASS SUMMARY																	
TOTAL CASH ML 91 DAY TREASURY BILL INDEX	+/-	321.8	0.65%	<b>0.11</b> 0.00 0.11	<b>0.08</b> 0.01 0.07	<b>0.10</b> 0.01 0.08	<b>0.43</b> 0.05 0.38	<b>0.54</b> 0.11 0.42	<b>0.90</b> 0.11 0.79	<b>0.89</b> 0.10 0.79	<b>0.48</b> 0.13 0.35	<b>1.31</b> 0.21 1.10	<b>0.48</b> 0.09 0.40	<b>0.63</b> 0.10 0.54	<b>0.92</b> 0.14 0.78	**** ****	2.46

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		Assets (\$MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012			Calendar Yr Ending 2009	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
US EQUITY																	
TOTAL RUSSELL 3000		2.157.7	4.36%	4.21	5.24	11.00	26.61	21.40	16.34	1.05	17.22	28.29	29.09	16.91	16.01	7.94	9.9
RUSSELL 3000		2,10111		4.25	5.10	10.87	26.45	21.46	16.42	1.03	16.93	28.34	28.99	16.89	15.94	7.93	0.0
	+/-			(0.04)	0.14	0.14	0.16	(0.06)	(0.08)	0.02	0.29	(0.05)	0.10	0.03	0.07	0.02	
STATE STREET R3000		2,157.6	4.36%	4.22	5.11	10.86	26.40	21.45	16.41	1.19	****	****	28.97	16.93	****	****	17.8
RUSSELL 3000				4.25	5.10	10.87	26.45	21.46	16.42	1.03	****	****	28.99	16.89	****	****	
	+/-			(0.03)	0.00	(0.01)	(0.05)	(0.01)	(0.00)	0.17	****	****	(0.02)	0.04	****	****	
OTAL STANDARD & POORS 500		4.804.4	9.70%	4.58	4.74	10.11	25.35	20.77	15.99	1.74	14.90	26.45	27.29	16.45	15.07	7.37	3.2
MALGAMATED S &P 500 INDEX		4,804.4	9.70%	4.58	4.74	10.11	25.35	20.77	15.99	1.74	14.90	26.45	27.29	16.45	15.07	7.37	3.4
TANDARD & POORS 500				4.60	4.75	10.08	25.30	20.60	16.00	2.11	15.06	26.47	27.18	16.56	15.17	7.46	
	+/-			(0.02)	(0.01)	0.02	0.05	0.17	(0.02)	(0.37)	(0.16)	(0.02)	0.11	(0.11)	(0.10)	(0.09)	
AMALGAMATED S &P 500 INDEX	+/-			(0.02)	(0.01)	0.02	0.05	0.17	(0.02)	(0.37)	(0.16)	(0.02)	0.11	(0.11)	(0.10)	(0.08)	
OTAL SMALL CAP		1,971.1	3.98%	3.02	6.39	13.78	33.29	27.69	17.81	-4.50	29.84	38.79	39.42	18.82	20.31	9.37	8.9
RUSSELL 2000				2.51	5.59	12.98	30.90	24.21	16.35	-4.18	26.85	27.18	36.28	17.68	17.04	9.03	11.7
	+/-			0.51	0.80	0.80	2.39	3.48	1.46	(0.33)	2.99	11.61	3.14	1.14	3.26	0.34	
OTAL SMALL CAP PASSIVE		470.1	0.95%	2.63	5.97	13.29	30.99	23.86	16.41	****	****	****	36.27	****	****	****	12.4
RUSSELL 2000				2.51	5.59	12.98	30.90	24.21	16.35	****	****	****	36.28	****	****	****	
TOTAL SMALL CAP PASSIVE	+/-			0.11	0.38	0.31	0.09	(0.34)	0.06	****	****	****	(0.01)	****	****	****	
OTAL SMALL CAP GROWTH PASSIVE		232.9	0.47%	1.99	****	****	****	****	****	****	****	****	****	****	****	****	6.6
LACKROCK R2000 GROWTH MTA		232.9	0.47%	1.99	****	****	****	****	****	****	****	****	****	****	****	****	6.6
RUSSELL 2000 GROWTH TOTAL SMALL CAP GROWTH PASSIVE	1			1.82 0.17	****	****	****	****	****	****	****	****	****	****	****	****	
BLACKROCK R2000 GROWTH MTA				0.17	****	****	****	****	****	****	****	****	****	****	****	****	
		007.0	0.400/		****	****	****	****	****	****	****	****	****	****	****	****	
OTAL SMALL CAP VALUE PASSIVE		237.2 237.2	0.48% 0.48%	3.30 3.30	****	****	****	****	****	****	****	****	****	****	****	****	7.4 7.4
RUSSELL 2000 VALUE		231.2	0.4076	3.25	****	****	****	****	****	****	****	****	****	****	****	****	7
TOTAL SMALL CAP VALUE PASSIVE	+/-			0.05	****	****	****	****	****	****	****	****	****	****	****	****	
BLACKROCK R2000 VALUE MTA	+/-			0.05	****	****	****	****	****	****	****	****	****	****	****	****	
OTAL SMALL CAP ACTIVE		1.501.0	3.03%	3.17	6.56	13.96	33.78	29.33	18.75	-6.63	29.84	38.79	40.39	18.39	20.04	****	8.5
RUSSELL 2000		.,		2.51	5.59	12.98	30.90	24.21	16.35	-4.18	26.85	27.18	36.28	17.68	17.04	****	
	+/-			0.65	0.97	0.98	2.88	5.12	2.41	(2.46)	2.99	11.61	4.11	0.71	3.00	****	
OTAL SMALL CAP CORE ACTIVE		341.5	0.69%	1.93	6.66	13.35	34.61	32.02	19.91	-10.13	31.75	45.44	41.52	16.93	20.13	****	20.1
ARUMA ASSET MANAGEMNT		207.0	0.42%	1.54	7.23	13.51	35.30	33.59	19.91	-10.13	31.75	45.44	43.40	17.45	20.45	****	20.4
/ELLINGTON		134.5	0.27%	2.54	5.79	13.12	33.56	****	****	****	****	****	****	****	****	****	33.5
RUSSELL 2000				2.51	5.59	12.98	30.90	24.21	16.35	-4.18	26.85	27.18	36.28	17.68	****	****	
TOTAL SMALL CAP CORE DARUMA ASSET MANAGEMNT	+/- +/-			(0.58) (0.97)	1.06 1.63	0.37 0.53	3.71 4.40	7.81 9.39	3.56 3.56	(5.96) (5.96)	4.90 4.90	18.26 18.26	5.23 7.12	(0.75) (0.23)		****	
WELLINGTON				0.02	0.20	0.55	2.66	****	****	(3.90)	4.50	****	****	(0.23)	****	****	
OTAL SMALL CAP VALUE ACTIVE		262.2	0.53%	4.41	6.81	15.31	29.63	****	****	****	****	****	****	****	****	****	29.6
CEREDEX		262.2	0.53%	4.41	6.81	15.31	29.63	****	****	****	****	****	****	****	****	****	29.6
RUSSELL 2000 VALUE		202.2	0.0070	3.25	4.38	11.09	27.07	****	****	****	****	****	****	****	****	****	_0.0
TOTAL SMALL CAP VALUE	+/-			1.16	2.43	4.22	2.56	****	****	****	****	****	****	****	****	****	
CEREDEX	+/-			1.16	2.43	4.22	2.56	****	****	****	****	****	****	****	****	****	
AFI ENHANCED SMALL CO.		897.3	1.81%	3.29	6.45	13.80	34.73	30.83	19.50	-4.70	29.59	34.62	42.08	19.67	19.99	****	13.0
RUSSELL 2000				2.51	5.59	12.98	30.90	24.21	16.35	-4.18	26.85	27.18	36.28	17.68	17.04	****	
	+/-			0.77	0.86	0.82	3.83	6.62	3.15	(0.52)	2.74	7.44	5.79	1.99	2.95	****	

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	Assets (\$MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
TOTAL MID CAP	2,507.8	5.06%	3.69	5.02	11.46	27.56	24.93	17.81	****	****	****	33.16	****	****	****	14.43
RUSSELL MIDCAP			3.53	5.39	11.50	28.73	25.41	17.28	****	****	****	33.79	****	****	****	
+	-/-		0.16	(0.37)	(0.04)	(1.17)	(0.47)	0.53	****	****	****	(0.63)	****	****	****	
TOTAL MID CAP PASSIVE	2,507.8	5.06%	3.69	5.02	11.46	27.56	24.93	17.81	****	****	****	33.16	****	****	****	14.4
SSGA S&P 400	2,507.8	5.06%	3.69	5.02	11.46	27.56	24.93	17.81	****	****	****	33.16	****	****	****	14.4
S&P MIDCAP INDEX 400 TOTAL MID CAP PASSIVE +	-1		3.72 (0.03)	5.03 (0.01)	11.54 (0.07)	27.81 (0.25)	25.18 (0.25)	17.88 (0.07)	****	****	****	33.48 (0.32)	****	****	****	
SSGA S&P 400 +			(0.03)	(0.01)	(0.07)	(0.25)	(0.25)	(0.07)	****	****	****	(0.32)	****	****	****	
TOTAL LARGE CAP	6,531.8	13.19%	4.39	4.44	10.58	28.48	25.12	16.76	0.66	16.74	27.39	31.42	17.39	16.17	****	9.0
RUSSELL 1000	0,001.0	13.1370	4.40	5.06	10.68	26.08	21.24	16.42	1.50	16.10	28.43	28.40	16.82	15.85	****	3.0
+	-/-		(0.01)	(0.62)	(0.10)	2.41	3.88	0.33	(0.84)	0.64	(1.04)	3.03	0.57	0.32	****	
TOTAL LARGE CAP PASSIVE	4,472.9	9.03%	4.36	****	****	****	****	****	****	****	****	****	****	****	****	6.4
RUSSELL 1000			4.40	****	****	****	****	****	****	****	****	****	****	****	****	
+	-/-		(0.04)	****	****	****	****	****	****	****	****	****	****	****	****	
TOTAL LARGE CAP GROWTH PASSIVE	2,271.8	4.59%	4.45	****	****	****	****	****	****	****	****	****	****	****	****	7.3
BLACKROCK R1000 GROWTH MTA	2,271.8	4.59%	4.45	****	****	****	****	****	****	****	****	****	****	****	****	7.3
RUSSELL 1000 GROWTH TOTAL LARGE CAP GROWTH PASSIVE +	-1		4.42 0.03	****	****	****	****	****	****	****	****	****	****	****	****	
BLACKROCK R1000 GROWTH MTA +			0.03	****	****	****	****	****	****	****	****	****	****	****	****	
TOTAL LARGE CAP VALUE PASSIVE	2.201.1	4.44%	4.26	****	****	****	****	****	****	****	****	****	****	****	****	5.5
BLACKROCK R1000 VALUE MTA	2,201.1	4.44%	4.26	****	****	****	****	****	****	****	****	****	****	****	****	5.5
RUSSELL 1000 VALUE			4.38	****	****	****	****	****	****	****	****	****	****	****	****	
TOTAL LARGE CAP VALUE PASSIVE +			(0.12)	****	****	****	****	****	****	****	****	****	****	****	****	
BLACKROCK R1000 VALUE MTA +	-/-		(0.12)													
TOTAL LARGE CAP ACTIVE	2,058.9	4.16%	4.46	4.49	10.64	28.55	25.32	16.76	1.36	17.35	25.23	31.49	17.79	16.17	****	9.8
RUSSELL 1000	-/-		4.40 0.05	5.06 (0.57)	10.68 (0.05)	26.08 2.47	21.24 4.08	16.42 0.33	1.50 (0.14)	16.10 1.25	28.43 (3.20)	28.40 3.09	16.82 0.97	15.85 0.32	****	
											****				****	
TOTAL LARGE CAP GROWTH PROFIT INV MGMT (D)	322.5 213.3	0.65% 0.43%	3.18 3.42	5.60 5.45	12.09 11.87	25.72 26.60	20.00 22.93	16.47 17.86	2.33 2.97	13.59 9.48	****	29.26 31.13	16.85 17.01	****	****	19.2 19.1
CASTLEARK MGMT (D)	109.2	0.43%	2.73	5.88	12.52	20.00	14.63	13.90	1.17	21.89	****	25.75	16.54	****	****	19.1
RUSSELL 1000 GROWTH			4.42	7.21	12.89	26.22	17.07	15.26	2.64	16.71	****	28.30	16.80	****	****	
TOTAL LARGE CAP GROWTH +			(1.24)	(1.61)	(0.80)	(0.50)	2.93	1.21	(0.31)	(3.12)	****	0.96	0.04	****	****	
PROFIT INV MGMT + CASTLEARK MGMT +			(1.00) (1.70)	(1.76) (1.32)	(1.02) (0.37)	0.38 (2.19)	5.86 (2.43)	2.60 (1.36)	0.33 (1.47)	(7.23) 5.18	****	2.84 (2.54)	0.20 (0.27)	****	****	
											****			****	****	
TOTAL LARGE CAP CORE SEIZERT CAPITAL PRTNRS (D)	164.9 164.9	0.33% 0.33%	4.08 4.08	4.65 4.65	10.51 10.51	25.75 27.95	21.50 25.65	15.62 15.25	-1.94 -0.03	15.86 15.82	****	27.87 30.68	14.66 15.80	****	****	25.5 19.7
RUSSELL 1000	104.5	0.0070	4.40	5.06	10.68	26.08	21.24	16.42	1.50	16.10	****	28.40	16.82	****	****	13.7
TOTAL LARGE CAP CORE +			(0.32)	(0.41)	(0.17)	(0.32)	0.26	(0.80)	(3.44)	(0.24)	****	(0.53)	(2.16)	****	****	
SEIZERT CAPITAL PRTNRS +	-/-		(0.32)	(0.41)	(0.17)	1.87	4.41	(1.18)	(1.53)	(0.28)	****	2.28	(1.02)	****	****	
TOTAL FUNDAMENTAL INDEX LARGE CAP	1,571.5	3.17%	4.76	4.25	10.36	29.64	27.06	17.36	1.24	18.05	26.11	32.63	18.28	16.66	****	9.5
RUSSELL 1000			4.40	5.06	10.68	26.08	21.24	16.42	1.50	16.10	28.43	28.40	16.82	15.85	****	
+	-/-		0.36	(0.81)	(0.33)	3.57	5.82	0.94	(0.26)	1.95	(2.32)	4.23	1.46	0.81	****	
VTL S&P 500	389.6	0.79%	5.14	4.86	10.69	29.66	27.55	18.65	0.72	17.47	30.84	32.93	18.64	17.73	****	10.2
STANDARD & POORS 500	1		4.60	4.75	10.08	25.30	20.60	16.00	2.11	15.06	26.47	27.18	16.56	15.17	****	
+	-/-		0.54	0.10	0.61	4.36	6.95	2.65	(1.39)	2.41	4.37	5.76	2.08	2.56		
RAFI ENHANCED LARGE CO.	1 191 0	2 30%	4.64	4.05	10.25	20.64	26.90	16.04	2.38	19.00	27.48	32.53	19.76	17.26	****	11.1
RAFI ENHANCED LARGE CO. RUSSELL 1000	1,181.9	2.39%	4.64 4.40	4.05 5.06	10.25	29.64 26.08	26.90	16.94 16.42	2.38	18.99 16.10	27.48 28.43	32.53 28.40	18.76 16.82	17.36 15.85	****	11.1

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EMERGING MANAGERS																
TOTAL EMERGING MGRS	912.3		3.61	5.54	11.49	27.45	22.63	16.17	-0.20	17.79	28.04	30.64	16.62	15.94	8.30	8.90
PROGRESS EQUITY ATTUCKS	361.2 274.9		3.80 3.33	6.27 4.95	12.39 10.69	28.45 26.97	23.42 23.11	16.85 15.59	-1.18 0.50	16.81 18.78	30.87 24.63	32.03 30.31	16.82 16.58	16.34 15.53	8.51	8.98 5.72
F.I.S FUND MGMT	214.9		3.33	4.95 5.16	11.08	26.97	23.11	16.02	0.50	16.78	24.03	28.89	16.56	15.55	7.80	4.44
CAPITAL PROSPECTS	65.6		3.33	5.22	11.31	27.49	21.26	15.36	-0.95	18.56	27.04	30.19	16.37	15.26	****	5.33
RUSSELL 3000			4.25	5.10	10.87	26.45	21.46	16.42	1.03	16.93	28.34	28.99	16.89	15.94	7.93	
TOTAL EMERGING MGRS +	-/- -/-		(0.64) (0.45)	0.43 1.17	0.63 1.53	1.00 2.00	1.16 1.96	(0.25) 0.44	(1.23)	0.86	(0.30) 2.53	1.65 3.04	(0.27) (0.07)	(0.00) 0.39	0.37 0.58	
	-/-		(0.45) (0.91)	(0.16)	(0.17)	0.52	1.96	(0.83)	(2.21) (0.52)	(0.12) 1.85	(3.71)	3.04 1.32	(0.07)	(0.41)	0.58	
	-/-		(0.52)	0.05	0.21	(0.08)	(0.36)	(0.39)	(0.22)	(0.54)	(1.55)	(0.10)	(0.47)	(0.50)	(0.13)	
	-/-		(0.92)	0.12	0.44	1.04	(0.20)	(1.06)	(1.97)	1.63	(1.30)	1.20	(0.52)	(0.68)	****	
U.S. ENVIRONMENTAL																
TOTAL U.S. ENVIRONMENTAL	321.4	0.65%	5.03	6.71	13.27	26.98	20.18	13.51	1.17	26.98	29.89	33.81	17.63	17.88	****	10.75
RUSSELL 2000			2.51	5.59	12.98	30.90	24.21	16.35	-4.18	26.85	27.18	36.28	17.68	17.04	****	
+	-/-		2.52	1.11	0.28	(3.92)	(4.02)	(2.84)	5.34	0.13	2.71	(2.47)	(0.05)	0.83		
WALDEN ASSET MGMT	321.4	0.65%	5.03	6.71	13.27	26.98	20.18	13.51	1.17	26.98	29.89	33.81	17.63	17.88	****	10.75
RUSSELL 2000			2.51	5.59	12.98	30.90	24.21	16.35	-4.18	26.85	27.18	36.28	17.68	17.04	****	
+	-/-		2.52	1.11	0.28	(3.92)	(4.02)	(2.84)	5.34	0.13	2.71	(2.47)	(0.05)	0.83	****	
NON - US EQUITY																
EAFE VALUE	1,580.6	3.19%	3.24	9.00	14.64	19.39	16.08	14.03	-11.01	10.16	33.99	25.13	7.75	11.71	****	7.00
MSCI EAFE (NET DIVIDEND)			3.36	9.54	15.32	20.05	18.62	17.32	-12.14	7.75	31.78	26.88	8.38	11.99	****	
MSCI EAFE VALUE	-/-		4.14	10.86	17.36	21.07	19.21	18.43	-11.65	3.81	35.06	28.43	8.70	12.41	****	
	-/-		(0.12) (0.90)	(0.53) (1.86)	(0.67) (2.71)	(0.66) (1.68)	(2.55) (3.13)	(3.29) (4.41)	1.13 0.63	2.41 6.35	2.21 (1.07)	(1.75) (3.31)	(0.63) (0.94)	(0.29) (0.71)	****	
TOTAL INTL VALUE	1,580.6	3.19%	3.24	9.00	14.64	19.39	16.08	14.03	-11.01	10.07	31.48	25.13	7.75	11.71	****	7.00
SPRUCEGROVE (NEW)	977.7	1.97%	3.29	8.90	13.62	15.73	14.42	17.62	-10.12	19.06	34.90	22.17	9.08	13.93	****	2.05
CAUSEWAY EAFE LARGE CAP MTA	602.8	1.22%	3.17	9.16	16.36	****	****	****	****	****	****	****	****	****	****	15.09
MSCI EAFE VALUE			4.14	10.86	17.36	21.07	19.21	18.43	-11.65	3.81	35.06	28.43	8.70	12.41	****	
TOTAL INTL VALUE +			(0.90)	(1.86)	(2.71)	(1.68)	(3.13)	(4.41)	0.63	6.26	(3.58)	(3.31)	(0.94)	(0.71)	****	
SPRUCEGROVE (NEW) + CAUSEWAY EAFE LARGE CAP MTA +	-/- -/-		(0.85) (0.97)	(1.96) (1.70)	(3.74) (1.00)	(5.35)	(4.79)	(0.82)	1.53	15.25	(0.16)	(6.26)	0.38	1.52	****	
EAFE GROWTH	1,334.7	2.69%	2.41	8.92	15.83	17.39	16.49	20.02	-12.92	10.16	33.99	24.32	8.52	12.45	****	8.52
MSCI EAFE (NET DIVIDEND)	,		3.36	9.54	15.32	20.05	18.62	17.32	-12.14	7.75	31.78	26.88	8.38	11.99	****	
MSCI EAFE GROWTH			2.58	8.27	13.38	19.91	19.05	17.28	-11.82	12.60	29.91	26.36	8.99	12.57	****	
	-/- -/-		(0.95) (0.16)	(0.62) 0.64	0.51 2.45	(2.66)	(2.13)	2.70 2.74	(0.77) (1.09)	2.41 (2.44)	2.21 4.08	(2.56) (2.04)	0.14 (0.47)	0.45	****	
	7-		(0.10)	0.04	2.45	(2.52)	(2.56)	2.74	(1.09)	(2.44)	4.00	(2.04)	(0.47)	(0.12)		
TOTAL INTL GROWTH	1,334.7	2.69%	2.41	8.92	15.83	17.39	16.49	20.02	-12.92	10.16	33.99	24.32	8.52	12.45	****	8.52
BAILLIE GIFFORD	870.0		2.92	9.78	17.83	20.16	17.52	19.04	-11.03	17.57	46.55	27.32	10.41	16.89	****	3.31
WALTER SCOTT EAFE LARGE CAP MTA MSCI EAFE GROWTH	464.6	0.94%	1.47 2.58	7.37 8.27	11.08 13.38	19.91	**** 19.05	**** 17.28	-11.82	**** 12.60	**** 29.91	26.36	**** 8.99	**** 12.57	****	3.59
TOTAL INTL GROWTH +	-/-		2.58	8.27 0.64	2.45	(2.52)	(2.56)	2.74	(1.09)	(2.44)	4.08	(2.04)	(0.47)	(0.12)	****	
	-/-		0.35	1.50	4.45	0.25	(1.53)	1.76	0.79	4.97	16.64	0.96	1.42	4.32	****	
WALTER SCOTT EAFE LARGE CAP MTA +			(1.11)	(0.90)	(2.30)	****	****	****	****	****	****	****	****	****	****	
TOTAL INTL CORE	317.8	0.64%	1.47	5.94	10.51	11.54	14.40	16.44	-11.82	11.66	37.63	17.64	5.77	11.99	****	-0.61
THORNBURG	317.7		1.47	5.94	10.52	12.38	14.82	18.52	-11.61	16.28	32.90	18.27	7.04	12.30	****	0.87
MSCI EAFE (NET DIVIDEND)			3.36	9.54	15.32	20.05	18.62	17.32	-12.14	7.75	31.78	26.88	8.38	11.99	****	
TOTAL INTL CORE +			(1.89)	(3.59)	(4.80)	(8.51)	(4.23)	(0.88)	0.32	3.91	5.85	(9.25)	(2.61)	(0.01)	****	
THORNBURG +	-/-		(1.89)	(3.59)	(4.79)	(7.67)	(3.80)	1.20	0.53	8.53	1.12	(8.61)	(1.34)	0.30	****	

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TOTAL EAFE SMALL CAP	616.2	1.24%	4.36	12.10	18.43	****	****	****	****	****	****	****	****	****	****	12.34
ACADIAN	307.2	0.62%	4.88	12.59	19.53	****	****	****	****	****	****	****	****	****	****	12.26
PYRAMIS	308.9	0.62%	3.85	11.61	17.36	****	****	****	****	****	****	****	****	****	****	12.42
S&P EPAC SMALL CAP TOTAL EAFE SMALL CAP +/-			2.58 1.79	8.27 3.82	13.38 5.05	****	****	****	****	****	****	****	****	****	****	
ACADIAN +/-			2.31	4.31	6.16	****	****	****	****	****	****	****	****	****	****	
PYRAMIS +/-			1.28	3.34	3.98	****	****	****	****	****	****	****	****	****	****	
TOTAL PROGRESS INTL	50.5	0.10%	3.55	9.31	15.19	18.12	17.20	18.84	-13.33	12.96	36.52	25.50	8.29	13.57	****	0.37
MSCI EAFE (NET DIVIDEND) +/-			3.36 0.18	9.54 (0.23)	15.32 (0.13)	20.05 (1.92)	18.62 (1.42)	17.32 1.52	-12.14 (1.19)	7.75 5.21	31.78 4.74	26.88 (1.38)	8.38 (0.09)	11.99 1.58	****	
TOTAL ACTIVE DEVELOPED	3.900.2	7.87%	2.99	9.29	15.32	17.93	15.91	16.97	-11.88	10.56	34.00	24.34	8.00	12.37	7.66	7.31
MSCI EAFE (NET DIVIDEND)	0,000.2	1.0170	3.36	9.54	15.32	20.05	18.62	17.32	-12.14	7.75	31.78	26.88	8.38	11.99	7.71	7.01
+/-			(0.38)	(0.24)	0.00	(2.12)	(2.72)	1.52	0.26	2.81	2.22	(2.54)	(0.38)	0.37	(0.06)	
TOTAL NON-U.S. ENVIRONMENTAL	167.1	0.34%	2.92	6.94	11.70	24.92	22.83	18.76	-7.75	8.66	40.08	30.71	12.85	15.46	****	4.90
GENERATION GE MSCI WORLD INDEX	167.0	0.34%	2.92 3.94	6.94 6.90	11.70 12.56	24.78 22.45	23.40 19.27	19.40 16.54	-7.77 -5.02	15.09 12.34	48.07 30.80	31.14 26.48	13.04 12.52	17.85 14.00	****	11.09
TOTAL NON-U.S. ENVIRONMENTAL +/-			(1.02)	0.90	(0.86)	22.45	3.55	2.22	(2.73)	(3.68)	9.28	4.23	0.32	14.00	****	
GENERATION GE +/-			(1.02)	0.04	(0.86)	2.34	4.13	2.87	(2.76)	2.75	17.27	4.66	0.52	3.85	****	
TOTAL NON-U.S. ACTIVIST	333.1	0.67%	5.23	12.58	23.24	31.55	27.47	22.10	-24.14	29.33	29.34	44.68	9.14	16.35	****	13.35
GOVERNANCE FOR OWNERS	333.1	0.67%	5.23	12.58	23.24	31.55	27.48	22.10	-23.36	36.13	42.60	44.69	10.03	20.97	****	20.97
MSCI EUROPE SMID CAP INDEX TOTAL NON-U.S. ACTIVIST +/-			4.47 0.76	11.78 0.81	21.77 1.46	28.45 3.09	25.26 2.21	25.81 (3.71)	-17.56 (6.58)	16.03 13.30	53.23 (23.89)	36.49 8.20	11.31 (2.17)	18.22 (1.86)	****	
GOVERNANCE FOR OWNERS +/-			0.76	0.81	1.46	3.09	2.21	(3.71)	(5.80)	20.10	(10.63)	8.20	(1.28)	****	****	
TOTAL PASSIVE GLOBAL	68.9	0.14%	3.64	6.89	12.49	****	****	****	****	****	****	****	****	****	****	12.49
STATE STREET GLOBAL	68.9	0.14%	3.64	6.89	12.49	****	****	****	****	****	****	****	****	****	****	12.49
MSCI WORLD INDEX TOTAL PASSIVE GLOBAL +/-			3.94 (0.30)	6.90 (0.01)	12.56 (0.07)	****	****	****	****	****	****	****	****	****	****	
STATE STREET GLOBAL +/-			(0.30)	(0.01)	(0.07)	****	****	****	****	****	****	****	****	****	****	
TOTAL PASSIVE DEVELOPED	652.0	1.32%	3.26	9.50	15.21	20.14	18.66	17.60	-12.50	8.18	32.26	26.93	8.35	12.18	8.01	5.91
SSGA	652.0	1.32%	3.26	9.50	15.21	20.14	18.66	17.60	****	****	****	26.93	****	****	****	7.44
MSCI EAFE (NET DIVIDEND)			3.36	9.54	15.32	20.05	18.62	17.32	-12.14	7.75	31.78	26.88	8.38	11.99	7.71	
TOTAL PASSIVE +/- SSGA +/-			(0.10) (0.10)	(0.03) (0.03)	(0.10) (0.10)	0.09 0.09	0.03 0.04	0.28 0.28	(0.36)	0.43	0.48	0.05 0.05	(0.03)	0.18	0.30	
TOTAL DEVELOPED-ENVIRONMENTAL-ACTVIST	5.121.3	10.34%	3.17	9.41	15.61	19.48	17.45	17.47	-12.59	11.17	33.66	26.32	8.37	12.73	****	6.78
MSCI EAFE (NET DIVIDEND)			3.36	9.54	15.32	20.05	18.62	17.32	-12.14	7.75	31.78	26.88	8.38	11.99	****	
+/-			(0.19)	(0.12)	0.30	(0.57)	(1.17)	0.15	(0.45)	3.42	1.88	(0.56)	(0.01)	0.74	****	
EMERGING MARKETS																
TOTAL EMERGING MARKETS	3,217.7	6.50%	5.35	9.38	9.28	0.70	4.09	19.88	-18.76	26.33	86.55	6.65	1.32	17.85	****	10.38
ACTIVE EMERGING MARKETS	2,147.0	4.33%	5.30	9.33	9.47	1.51	5.12	20.98	-18.87	27.43	86.55	7.50	1.85	18.42	****	10.82
DFA	554.2	1.12%	4.89	9.03	9.25	-0.52	3.61	20.10	-23.73	32.76	93.27	6.65	-1.07	19.03	****	12.08
BAILLIE GIFFORD	550.7	1.11%	5.32	9.22	9.06	3.80	6.24	11.33	-17.76	24.87	89.08	7.36	0.28	16.81	****	9.60
ACADIAN EATON VANCE	473.1 569.1	0.96% 1.15%	5.73 5.36	11.41 8.28	10.88 9.02	4.60 -0.03	9.06 3.40	22.78	-15.94	25.57	87.79 ****	12.13 5.38	4.47	19.99	****	11.52 12.81
FTSE CUSTOM BENCHMARK			5.47	9.43	9.74	-0.38	2.96	17.84	-18.27	24.60	83.92	5.57	0.62	16.49	****	
ACTIVE EMERGING MARKETS +/-			(0.17)	(0.10)	(0.28)	1.89	2.16	3.14	(0.60)	2.83	2.63	1.93	1.23	1.94	****	
DFA +/- BAILLIE GIFFORD +/-			(0.59) (0.16)	(0.40) (0.21)	(0.49) (0.69)	(0.14) 4.19	0.64 3.28	2.26 (6.51)	(5.47) 0.51	8.16 0.27	9.35 5.16	1.08 1.78	(1.70) (0.35)	2.54 0.33	****	
ACADIAN +/-			0.26	1.98	1.14	4.19	6.10	4.94	2.32	0.27	3.87	6.56	3.85	3.50	****	
EATON VANCE +/-			(0.12)	(1.15)	(0.72)	0.35	0.44	****	****	****	****	(0.20)	****	****	****	

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		.ssets MM) o	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012	Calendar Yr Ending 2011		Calendar Yr Ending 2009	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
PASSIVE EMERGING MARKETS	1,0	70.6	2.16%	5.46	9.49	8.95	-0.63	2.42	16.11	****	****	****	5.27	****	****	****	-2.66
BLACKROCK-EM	1,0	70.6	2.16%	5.46	9.49	8.95	-0.63	2.42	16.11	****	****	****	5.27	****	****	****	-2.66
MSCI NYCERS CUSTOM EM				5.45	9.19	****	****	****	****	****	****	****	5.84	****	****	****	
PASSIVE EMERGING MARKETS				0.00	0.30	****	****	****	****	****	****	****	(0.58)	****	****	****	
BLACKROCK-EM	+/-			0.00	0.30							****	(0.58)	****			
TOTAL EAFE ENV ACTIVE - EM ACTIVE	6,5	47.3	13.22%	3.82	9.40	13.61	12.95	12.84	18.35	-14.24	15.27	42.67	19.50	6.20	13.42	****	7.60
MSCI AC WORLD FRONTIER MARKETS EX USA				3.66	9.30	14.09	14.13	13.70	16.77	-13.75		41.17	20.32	6.02	12.40	****	
	+/-			0.16	0.10	(0.48)	(1.18)	(0.86)	1.58	(0.49)	4.02	1.50	(0.82)	0.19	1.02	****	
TOTAL INTERNATIONAL EQUITY	8,3	39.0	16.83%	3.98	9.41	13.13	11.69	11.90	18.09	-14.05	14.04	41.07	18.17	5.72	12.69	8.24	6.91
MSCI AC WORLD FRONTIER MARKETS EX USA				3.66	9.30	14.09	14.13	13.70	16.77	-13.75	11.25	41.17	20.32	6.02	12.40	****	
	+/-			0.32	0.11	(0.96)	(2.44)	(1.79)	1.32	(0.30)	2.79	(0.10)	(2.15)	(0.30)	0.29	****	
HEDGE FUNDS																	
TOTAL HEDGE FUNDS	1.6	19.8	3.27%	0.01	0.33	0.50	2.22	8.59	7.69	****	****	****	5.79	****	****	****	2.85
1 YEAR TREASURY BILL YIELD + 4%	.,-			0.33	1.05	1.46	3.58	4.32	4.24	****	****	****	4.31	****	****	****	
HFRI FUND OF FUNDS COMPOSITE INDEX + 1%				1.58	2.35	3.44	7.41	8.37	5.81	****	****	****	9.31	****	****	****	
	+/-			(0.32)	(0.72)	(0.95)	(1.35)	4.28	3.45	****	****	****	1.48	****	****	****	
	+/-			(1.56)	(2.02)	(2.93)	(5.19)	0.23	1.89	****	****	****	(3.52)	****	****	****	
OTAL DIRECT HEDGE FUNDS	1,3	51.8	2.73%	0.01	0.43	0.48	1.44	8.17	8.16	****	****	****	5.23	****	****	****	4.95
D.E. SHAW COMPOSITE FD	2	52.0	0.51%	****	0.89	0.89	10.56	22.19	16.98	****	****	****	18.74	****	****	****	14.34
BREVAN HOWARD		98.4	0.20%	****	-1.42	-1.79	1.74	11.74	2.80	****	****	****	4.22	****	****	****	2.4
BREVAN HOWARD OPP		03.3	0.21%	****	-1.63	****	****	****	****	****	****	****	****	****	****	****	-1.63
BRIGADE LEV CAP STR		20.4	0.24% 0.21%	****	0.38	1.83	3.64	4.96	****	****	****	****	5.25	****	****	****	4.98
BLUE TREND FD CARLSON BLK DIA FD LP		04.7 38.0	0.21%	****	2.48 0.00	1.67 0.00	-8.63	-6.09	****	****	****	****	-5.65	****	****	****	-3.40 0.00
CASPIAN SELECT CF		13.5	0.23%	****	1.29	1.71	8.14	10.99	****	****	****	****	9.38	****	****	****	8.91
CCP QUANT FD LP		31.8	0.17%	****	-7.20	-7.20	****	****	****	****	****	****	****	****	****	****	-25.65
IR TREE VAL FD LP	1	13.8	0.29%	****	2.36	3.96	****	****	****	****	****	****	****	****	****	****	9.13
PERRY CAPITAL LP	1	12.9	0.23%	****	5.64	5.64	****	****	****	****	****	****	****	****	****	****	2.67
PHARO MACRO FD LTD		33.0	0.17%	****	0.00	0.00	****	****	****	****	****	****	****	****	****	****	0.00
HFRI FUND OF FUNDS COMPOSITE INDEX + 1%				1.58	2.35	3.44	7.41	8.37	5.81	****	****	****	9.31	****	****	****	
/ISCI AC WORLD INDEX STD NET BARCLAYS CAPITAL AGGREGATE				4.02 0.81	7.11 1.24	12.24 1.38	19.03 -1.10	16.57 -0.69	16.13 4.21	****	****	****	23.29 -1.08	****	****	****	
TOTAL DIRECT HEDGE FUNDS	+/-			(1.56)	(1.92)	(2.96)	(5.97)	(0.20)	2.35	****	****	****	(4.08)		****	****	
	+/-			****	(1.46)	(2.55)	3.15	13.83	11.17	****	****	****	9.43		****	****	
	+/-			****	(3.77)	(5.23)	(5.67)	3.37	(3.01)	****	****	****	(5.08)	****	****	****	
BREVAN HOWARD	+/-			****	(3.98)	****	****	****	****	****	****	****	****	****	****	****	
	+/-			****	(1.97)	(1.61)	(3.77)	(3.41)	****	****	****	****	(4.06)	****	****	****	
	+/-			****	0.13	(1.76)	(16.04)	(14.46)	****	****	****	****	(14.96)	****	****	****	
	+/-			****	(2.35)	(3.44)			****	****	****	****		****	****	****	
	+/- +/-			****	(1.06) (9.54)	(1.73) (10.63)	0.73	2.62	****	****		****	0.08	****	****	****	
	+/-			****	(9.54)	0.53	****	****	****	****	****	****	****	****	****	****	
PERRY CAPITAL LP				****	3.29	2.20	****	****	****	****	****	****	****	****	****	****	
	+/-			****	(2.35)	(3.44)	****	****	****	****	****	****	****	****	****	****	
TOTAL PERMAL HEDGE FUNDS OF FUNDS	2	68.0	0.54%	0.00	-0.13	0.59	5.01	10.33	5.78	****	****	****	7.95	****	****	****	3.25
HFRI FUND OF FUNDS COMPOSITE INDEX + 1%	-			1.58	2.35	3.44	7.41	8.37	5.81	****	****	****	9.31	****	****	****	
	+/-			(1.58)	(2.48)	(2.84)	(2.39)	1.96	(0.03)	****	****	****	(1.35)	****	****	****	

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	As (\$M	sets % M) of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
FIXED INCOME																
TOTAL STRUCTURED FIXED INCOME	7,66	7.2 15.48%		1.78	1.95	-0.87	0.33	6.92	8.85	9.42	9.65	-0.86	4.31	8.29	5.79	8.3
NYC - CORE PLUS FIVE	+/-		1.03 0.07	1.57 0.22	1.66 0.29	-1.60 0.73	-0.95 1.28	5.41 1.51	9.40 (0.55)	7.13 2.29	6.28 3.37	-1.61 0.76	3.64 0.67	7.16 1.13	5.40 0.40	
LL MORTGAGE	3,09	2.9 6.24%	0.70	1.94	1.82	-0.06	-0.17	4.26	6.19	9.12	9.15	-0.05	3.24	6.42	5.30	7.2
IMCO	79			1.89	1.72	-0.27	-0.12	4.29	6.35	8.35	9.30	-0.18	3.29	6.35	5.44	7.4
EUBERGER BERMAN -MORT	77			2.00	1.80	0.02	-0.35	3.64	5.73	****	****	-0.08	2.84	****	****	3.9
	71			2.06	1.99	0.49	0.66	5.79	6.04	8.81	10.93	0.56	3.95	7.12	5.47	6.0
ELLINGTON -MORT	31			2.00	2.01	-0.69	-1.51	2.89	7.01	6.02	****	-0.62	2.78	****	****	4.
OLDMAN SACHS -MORT MITH BREEDEN -MORT	31 18			1.69 1.75	1.63 1.61	-0.49 0.23	-0.63 0.08	3.80 3.73	6.57 6.00	5.80 6.40	****	-0.63 0.24	2.96 3.19	****	****	4.3
ITIGROUP MORTGAGE INDEX	10	0.30%	0.62	1.75	1.01	-0.34	-1.15	2.60	6.38	5.50	5.76	-0.36	2.58	5.16	4.91	4.,
ALL MORTGAGE	+/-		0.04	0.18	0.10	0.28	0.97	1.66	(0.19)	3.62	3.39	0.31	0.66	1.26	0.39	
PIMCO	+/-		(0.02)	0.13	0.00	0.07	1.03	1.70	(0.03)	2.85	3.54	0.18	0.71	1.19	0.52	
NEUBERGER BERMAN -MORT	+/-		0.21	0.24	0.09	0.36	0.79	1.04	(0.65)	****	****	0.28	0.26	****	****	
BLACKROCK	+/-		0.10	0.30	0.28	0.83	1.81	3.19	(0.33)	3.31	5.17	0.92	1.37	1.96	0.56	
WELLINGTON -MORT	+/-		(0.13)	0.24	0.30	(0.35)	(0.37)	0.30	0.63	0.52	****	(0.27)	0.19	****	****	
GOLDMAN SACHS -MORT	+/-		0.01	(0.07)	(0.08)	(0.16)	0.51	1.20	0.19	0.30	****	(0.27)	0.37	****	****	
SMITH BREEDEN -MORT	+/-		(0.03)	(0.01)	(0.10)	0.56	1.23	1.13	(0.38)	0.90	****	0.60	0.61	****	****	
L INVESTMENT GRADE CREDIT	3,55			1.81	2.50	-0.46	2.29	10.58	7.82	9.63	20.37	-0.41	5.28	11.46	5.80	7.
RUDENTIAL - CREDIT	89			1.57	2.32	-0.84	1.39	9.43	8.28	9.01	19.47	-0.89	4.92	11.19	6.11	7.
ROWE PRICE -CREDIT	67			1.97	2.77	-0.38	2.50	11.40	8.08	10.54	20.33	-0.36	5.57	11.56	6.33	7.
ACKROCK - CREDIT APLIN. CANIDA -CREDIT	67 57			1.84 1.73	2.50 2.24	-0.53 -0.39	1.91 3.36	10.48 11.02	7.75 7.88	9.56 9.33	18.44 23.02	-0.57 -0.16	5.19 5.65	11.20 11.94	5.87 5.11	6. 7.
AROW HANLEY - CREDIT	55			2.07	2.24	-0.39	2.64	11.02	6.78	9.33	23.02	-0.16	5.05	****	5.11 ****	7.
RUDENTIAL-PRIVEST-CREDIT	17			1.85	2.43	1.00	****	****	****	****	****	1.27	****	****	****	1.
YC - INVESTMENT GRADE CREDIT		.0 0.007	1.42	1.57	2.19	-1.36	1.19	9.52	7.80	8.36	16.36	-1.36	4.55	10.34	5.36	
ALL INVESTMENT GRADE CREDIT	+/-		0.09	0.25	0.30	0.90	1.10	1.05	0.03	1.27	4.01	0.95	0.73	1.11	0.45	
PRUDENTIAL - CREDIT			0.02	0.00	0.13	0.52	0.20	(0.09)	0.48	0.65	3.11	0.47	0.36	0.85	0.75	
T. ROWE PRICE -CREDIT	+/-		0.20	0.40	0.58	0.98	1.31	1.88	0.28	2.18	3.97	1.00	1.02	1.22	0.97	
BLACKROCK - CREDIT	+/-		0.10	0.27	0.31	0.83	0.72	0.96	(0.05)	1.20	2.08	0.79	0.64	0.86	0.51	
TAPLIN, CANIDA -CREDIT	+/-		0.37	0.16	0.05	0.97	2.17	1.50	0.09	0.97	6.66	1.20	1.10	1.60	(0.24)	
BARROW HANLEY - CREDIT	+/-		0.23	0.51	0.53	0.99	1.45	1.92	(1.01)	1.61	****	1.06	0.65	****	****	
PRUDENTIAL-PRIVEST-CREDIT	+/-		(1.39)	0.28	0.23	2.36	****	****	****	****	****	2.63	****	****	****	
LL TREASURY / AGENCY	1,01			1.20	0.45	-4.60	-4.36	4.20	18.35	9.55	-6.56	-4.63	4.01	6.96	6.04	7.8
MCO	43			1.20	0.39	-4.56	-4.19	4.49	18.07	10.17	-4.80	-4.56	4.00	7.42	6.13	7.
	40			1.24	0.55	-4.47	-4.37	3.99	18.59	9.14		-4.52	4.08			6.
IATE STREET YC - TREASURY AGENCY PLUS FIVE	16	9.6 0.34%	0.95	1.10 1.13	0.38 0.37	-5.02 -4.70	-4.79 -4.52	3.96 3.84	18.51 18.44	8.93 9.24	-6.54 -7.44	-5.09 -4.75	3.87 3.96	6.82 6.66	6.06 5.97	8.
ALL TREASURY / AGENCY	+/-		(0.05)	0.07	0.09	0.10	0.15	0.36	(0.09)	0.31	0.88	0.12	0.05	0.00	0.07	
PIMCO	+/-		(0.03)	0.07	0.03	0.10	0.32	0.65	(0.38)	0.93	2.64	0.12	0.03	0.76	0.16	
BLACKROCK -GOVT	+/-		(0.04)	0.07	0.19	0.14	0.32	0.05		(0.10)	****	0.13	0.12	****	****	
STATE STREET	+/-		0.00	(0.03)	0.02	(0.31)	(0.28)	0.12	0.07	(0.31)	0.90	(0.34)	(0.09)	0.16	0.09	
HIGH YIELD																
OTAL ENHANCED YIELD	1,94	3.0 3.92%	2.67	2.99	5.19	7.17	9.72	14.56	5.73	14.24	40.25	9.82	9.22	15.94	8.44	8.4
CITIGROUP BB & B			2.57	2.69	4.50	5.35	8.11	14.45	6.58	13.35	40.37	7.55	8.83	14.44	7.37	
	+/-		0.09	0.30	0.69	1.82	1.61	0.11	(0.85)	0.89	(0.12)	2.27	0.39	1.50	1.07	

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		Assets (\$MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012	Calendar Yr Ending 2011		Calendar Yr Ending 2009	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
LOOMIS SAYLES NYC-LOOMIS (BofA ML-MST II 7-03/BB&B PRIOR)	+/-	378.1	0.76%	2.31 2.46 (0.15)	3.69 2.83 0.86	5.75 4.77 0.98	11.58 6.34 5.24	16.30 9.57 6.73	18.69 15.58 3.10	7.60 4.38 3.22	16.36 15.19 1.17	52.81 57.51 (4.70)	14.64 8.83 5.82	12.52 8.88 3.64	20.60 18.03 2.56	10.45 8.75 1.70	10.04
OAKTREE Bofa Merrill Lynch High Yield Master II Constrained	+/-	312.6	0.63%	2.86 2.45 0.41	2.53 2.83 (0.29)	4.58 4.76 (0.18)	**** ****	****	****	****	**** **** ****	****	****	**** ****	**** **** ****	**** **** ****	4.11
in Education and a second s	+/- +/-	330.9 196.6	0.67% 0.40%	3.05 2.76 2.46 0.59 0.30	3.42 2.76 2.83 0.59 (0.07)	5.95 5.04 4.77 1.19 0.28	7.25 6.98 6.34 0.91 0.64	****	**** **** ****	****	**** **** **** ****	**** **** **** ****	9.83 10.08 8.83 1.00 8.83	**** **** ****	**** **** **** ****	****	10.58 10.11
SHENKMAN - PENN -	+/- +/- +/- +/-	327.8 163.2 121.8 112.0	0.66% 0.33% 0.25% 0.23%	2.59 2.47 2.43 2.81 2.57 0.02 (0.10) (0.14) 0.23	2.75 2.53 2.57 2.77 2.69 0.06 (0.16) (0.12) 0.07	5.05 4.54 4.71 4.67 4.50 0.54 0.04 0.21 0.17	6.40 4.70 4.95 5.06 5.35 1.06 (0.64) (0.39) (0.29)	8.85 6.15 **** 8.11 0.74 (1.96) ****	13.95 11.77 **** 14.45 (0.51) (2.68) ****	4.96 5.34 **** 6.58 (1.61) (1.24) ****	14.14 11.70 **** 13.35 0.79 (1.65) ****	43.67 29.38 **** 40.37 3.30 (10.99) ****	8.83 6.98 7.28 7.53 7.55 1.28 (0.57) (0.27) (0.02)	8.54 7.36 **** 8.83 (0.29) (1.47) ****	15.53 12.85 **** 14.44 1.10 (1.59) ****	8.50 7.45 **** 7.37 1.13 0.08 ****	9.24 7.53 8.07 8.34
BANK LOANS																	
CREDIT SUISSE BL MTA - GUGGENHEIM BL MTA -	+/- +/- +/- +/- +/-	936.9 258.5 255.8 164.5 258.1	1.89% 0.52% 0.52% 0.33% 0.52%	0.79 0.88 0.58 0.83 0.88 0.80 (0.02) 0.07 (0.22) 0.03 0.07	1.07 1.08 0.78 1.70 0.97 1.13 (0.06) (0.05) (0.36) 0.57 (0.17)	2.15 2.22 1.67 2.86 2.11 2.21 (0.06) 0.01 (0.54) 0.65 (0.10)	4.71 4.82 **** 5.09 (0.38) (0.26) ****	**** **** **** **** **** ****	••••• ••••• ••••• ••••• ••••• ••••• ••••	**** **** **** **** **** ****	**** **** **** **** **** ****	**** **** **** **** **** ****	**** **** **** **** **** **** ****	**** **** **** **** **** ****	**** **** **** **** **** ****	**** **** **** **** **** ****	5.14 5.61 3.26 4.32 3.53
TIPS																	
STATE STREET-TIPS-MTA	+/- +/- +/- +/-	1,293.7 778.7 289.9 225.1	2.61% 1.57% 0.59% 0.45%	0.54 0.56 0.52 0.55 (0.01) 0.00 (0.03) (0.03)	0.65 0.67 0.60 0.65 0.52 0.12 0.14 0.08 0.12	1.40 1.48 1.26 1.28 1.26 0.14 0.22 0.00 0.02	-6.02 -5.93 -6.27 -5.95 -6.23 0.21 0.29 (0.05) 0.27	-4.49 -4.30 -4.83 -4.63 -4.78 0.28 0.47 <b>(0.05)</b> 0.14	7.25 7.67 6.87 6.42 6.98 0.27 0.69 (0.11) (0.56)	13.50 13.34 13.61 13.82 13.56 (0.06) (0.22) 0.05 0.26	6.47 6.57 6.34 6.34 6.37 0.10 0.20 (0.03) (0.03)	10.15 10.24 10.00 10.02 11.41 (1.26) (1.17) (1.41) (1.39)	-6.02 -5.89 -6.35 -5.99 -6.39 0.37 0.50 0.04 0.40	3.33 3.36 3.25 3.28 3.31 0.02 0.05 (0.06) (0.03)	7.50 7.61 7.24 7.45 7.37 0.13 0.24 (0.13) 0.08	***** ***** ***** *****	5.01 5.01 5.12 5.47
CONVERTIBLE BONDS																	
	+/- +/-	479.8	0.97%	1.75 2.07 1.96 (0.32) (0.21)	2.70 4.91 2.84 (2.21) (0.14)	6.16 9.58 5.89 (3.42) 0.28	13.98 20.30 12.65 (6.31) 1.33	13.73 17.48 13.20 (3.75) 0.53	11.66 14.41 13.03 (2.76) (1.38)	-3.02 -3.42 -3.33 0.39 0.31	14.54 16.52 12.53 (1.98) 2.01	33.08 47.19 39.96 (14.11) (6.88)	15.96 23.82 14.63 (7.86) 1.33	8.56 11.38 8.02 (2.82) 0.53	14.21 **** 13.91 **** 0.30	****	6.38
ADVENT CONVERTIBLE BONDS BofA ML CONVERTIBLES YIELD ALT. INDEX	+/-	308.1	0.62%	1.41 1.54 (0.13)	2.24 2.20 0.03	5.10 4.00 1.10	11.96 9.44 2.52	12.57 12.29 0.29	11.69 12.21 (0.52)	-1.59 -1.73 0.14	14.96 12.98 1.98	36.66 46.25 (9.59)	13.67 11.75 1.92	8.21 7.15 1.07	14.84 14.56 0.28	**** ****	7.91
VICTORY CONVERTIBLE BONDS Bola ML CONVERTIBLE BONDS INVST GRADE	+/-	171.7	0.35%	2.36 2.74 (0.39)	3.53 4.02 (0.50)	8.12 9.47 (1.35)	17.69 18.88 (1.20)	14.49 14.91 (0.42)	10.42 11.89 (1.48)	-3.05 -3.14 0.09	11.63 7.89 3.74	27.36 25.49 1.87	18.81 20.14 (1.33)	9.18 9.65 (0.46)	13.37 9.65 3.72	**** ****	6.18

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	Assets (\$MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
FIXED INCOME EMERGING/DEVELOPING MA	ANAGERS															
TOTAL PROGRESS FIXED EMERGING MGRS	105.1	0.21%	0.83	1.23	1.30	-0.94	0.07	5.51	8.39	7.43	8.78	-0.80	3.79	7.23	5.97	6.39
BARCLAYS CAPITAL AGGREGATE +/-			0.81 0.02	1.24 (0.02)	1.38 (0.08)	-1.10 0.16	-0.69 0.76	4.21 1.29	7.84 0.55	6.54 0.89	5.93 2.85	-1.08 0.28	3.02 0.77	6.09 1.14	4.78 1.20	
TOTAL CORE PLUS FIXED INCOME	261.8	0.53%	0.82	1.34	1.61	-0.82	0.56	6.23	8.11	7.46	****	-0.43	3.80	****	****	6.52
LM CAPITAL - MTA	261.8	0.53%	0.82	1.34	1.61	-0.82	0.56	6.23	8.11	7.46	****	-0.43	3.80	****	****	6.52
BARCLAYS CAPITAL AGGREGATE CORE PLUS FIXED INCOME +/-			0.81 0.01	1.24 0.10	1.38	-1.10	-0.69	4.21 2.02	7.84 0.27	6.54	****	-1.08 0.65	3.02 0.79	****	****	
LM CAPITAL - MTA +/-			0.01	0.10	0.23 0.23	0.28 0.28	1.25 1.25	2.02	0.27	0.92 0.92	****	0.65	0.79	****	****	
OPPORTUNISTIC FIXED																
TOTAL OPPORTUNISTIC FIXED INCOME	878.0	1.77%	0.49	2.70	4.39	14.59	16.18	20.49	-4.40	26.01	19.13	16.72	10.68	14.17	****	****
JP MORGAN GLOBAL HIGH YIELD PLUS 3%			2.99	4.06	6.17	8.64	12.47	19.20	8.73	18.05	61.90	11.94	12.60	21.29	****	
+/-			(2.50)	(1.36)	(1.77)	5.96	3.71	1.28	(13.13)	7.96	(42.77)	4.78	(1.92)	(7.12)	****	
TOTAL FUND STRATEGIES	161.9	0.33%	0.49	2.38	4.79	13.32	16.08	29.32	-5.33	21.05	11.26	19.15	13.66	12.26	****	****
AVE EURO SPECIAL SITUATIONS FD	1.4	0.00%	14.81	35.74	37.67	31.93	28.66	30.99	-0.86	4.60	65.87	34.36	19.23	15.98	****	14.81
AVE SPECIAL SITUATIONS FD V	2.0	0.00%	11.29	32.71	31.04	43.87	37.73	23.38	-4.21	19.07	76.44	45.91	47.05	20.55	****	11.29
AVE SPECIAL SITUATIONS FD VI	79.9	0.16%	5.26	0.98	0.98	11.27	11.74	15.42	-14.53	****	****	12.35	10.16	****	****	5.26
FORTRESS PTNRS LP	48.7	0.10%	0.00	3.48	3.48	19.41	16.19	****	****	****	****	20.59	****	****	****	13.04
LONE STAR FD VIII OAKTREE OPP FD IX LP	5.01	0.01%	0.00			****	****	****	****	****	****	****	****	****	****	
JP MORGAN GLOBAL HIGH YIELD PLUS 3%	24.9	0.05%	0.00 2.99	0.00 4.06	0.00 6.17	8.64	12.47	19.20	8.73	18.05	61.90	11.94	12.60	21.29	****	-1.37
TOTAL FUND STRATEGIES +/-			(2.50)	(1.68)	(1.38)	4.68	3.61	19.20	(14.06)	3.00	(50.64)	7.21	1.06	21.29	****	
AVE EURO SPECIAL SITUATIONS FD +/-			11.82	31.68	31.50	23.29	16.19	11.79	(9.59)	(13.45)	3.97	22.42	6.63	****	****	
AVE SPECIAL SITUATIONS FD V +/-			8.30	28.65	24.87	35.23	25.26	4.18	(12.94)	1.02	14.54	33.97	34.45	****	****	
AVE SPECIAL SITUATIONS FD VI +/-			2.27	(3.08)	(5.19)	2.63	(0.73)	(3.78)	(23.26)	****	****	0.41	****	****	****	
FORTRESS PTNRS LP +/-			(2.99)	(0.58)	(2.68)	10.77	3.72	****	****	****	****	8.64	****	****	****	
LONE STAR FD VIII +/- OAKTREE OPP FD IX LP +/-			(2.99) (2.99)	(4.06)	(6.17)	****	****	****	****	****	****	****	****	****	****	
															****	
TOTAL STRATEGIC MANDATES	716.1	1.45%	0.49	2.77	4.31	14.89	16.83	16.63	****	****	****	15.83	****	****	****	17.47
ANGELO GORDON PTNRS LP APOLLO PTNRS LP	140.3 105.9	0.28% 0.21%	0.00 0.00	0.28 3.79	3.87 3.79	20.80 13.90	16.11 9.75	****	****	****	****	20.80 13.90	****	****	****	15.05 9.06
CONTRARIAN C A LLC	18.0	0.21%	0.00	0.00	3.19	13.90	5.75	****	****	****	****	****	****	****	****	0.00
GOLDENTREE OD MTA	125.9	0.25%	0.00	1.64	3.08	7.33	13.03	15.67	****	****	****	10.92	****	****	****	12.51
MARATHON OD	191.4	0.39%	0.00	3.05	4.17	17.46	25.31	25.44	****	****	****	17.11	****	****	****	23.53
OAK HILLS PRTNS OD	134.5	0.27%	2.73	5.90	7.22	15.17	****	****	****	****	****	14.35	****	****	****	13.53
JP MORGAN GLOBAL HIGH YIELD PLUS 3%			2.99	4.06	6.17	8.64	12.47	19.20	****	****	****	11.94	****	****	****	
TOTAL STRATEGIC MANDATES +/-			(2.50)	(1.29)	(1.85)	6.25	4.36	(2.57)	****	****	****	3.89	****	****	****	
ANGELO GORDON PTNRS LP +/-			(2.99)	(3.78)	(2.30)	12.16	3.64	****	****	****	****	8.85	****	****	****	
APOLLO PTNRS LP +/- CONTRARIAN C A LLC +/-			(2.99) (2.99)	(0.28) (4.06)	(2.38)	5.27	(2.72)	****	****	****	****	1.96	****	****	****	
GOLDENTREE OD MTA +/-			(2.99)	(4.06)	(3.08)	(1.30)	0.56	(3.54)	****	****	****	(1.02)	****	****	****	
MARATHON OD +/-			(2.99)	(2.43)	(1.99)	8.83	12.84	6.24	****	****	****	5.17	****	****	****	
OAK HILLS PRTNS OD +/-			(0.26)	1.84	1.06	6.53	****	****	****	****	****	2.41	****	****	****	

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		Assets (\$MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/13	Calendar Yr Ending 2012	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
OTHER FIXED INCOME																	
TOTAL ETI EMPLOYEES CUSTOM BENCHMARK (NO CASH)	+/-	531.8	1.07%	0.78	1.65	1.86 ****	2.02	3.02 -0.95 3.97	6.12 3.41 2.71	6.61 7.66 (1.05)	6.87 6.47 0.40	8.23 5.21 3.02	2.94 ****	4.77	6.93 ****	6.10	9.67
AFL-CIO HOUSING INV TRUST BARCLAYS CAPITAL AGGREGATE	+/-	223.5	0.45%	0.99 0.81 0.18	1.21 1.24 (0.04)	1.14 1.38 (0.24)	-1.50 -1.10 (0.40)	-1.06 -0.69 (0.37)	4.27 4.21 0.06	7.86 7.84 0.02	6.54	6.28 5.93 0.35	-1.41 -1.08 (0.33)	2.93 3.02 (0.08)	5.78 6.09 (0.31)	4.74 4.78 (0.03)	4.67
ACCESS RBC ACCESS CUSTOM BENCHMARK	+/-	77.8	0.16%	0.66 0.60 0.06	1.73 1.39 0.34	1.47 1.38 0.09	-0.56 -0.36 (0.20)	-0.51 -0.90 0.39	4.15 2.38 1.78	6.78 6.32 0.46	5.52	10.99 2.89 8.10	-0.30 -0.35 0.05	3.06 2.32 0.74	6.71 4.50 2.21	**** **** ****	5.86
CPC TERM LOAN		11.0	0.02%	0.20	0.62	0.82	2.03	2.45	2.51	2.09	2.06	2.19	2.45	2.33	2.30	****	4.00
TOTAL PPAR GNMA PLUS 65bps	+/-	216.8	0.44%	0.65 0.89 (0.23)	2.15 2.38 (0.24)	2.76 2.21 0.54	6.59 -0.30 6.89	8.66 -1.53 10.20	9.18 2.89 6.29	5.83 8.70 (2.87)		10.37 5.80 4.57	8.69 -0.14 8.83	7.56 3.47 4.09	8.89 5.99 2.90	7.80 5.62 2.18	10.78
BOA-PPAR CFSB-PPAR CCD-PPAR DPM Chase-PPAR LIIF-PPAR LIIF-PPAR 2013 NCBCI-PPAR NCBCI-PPAR 2013 NHS-PPAR TARGETED INVESTMENT		16.9 2.6 6.5 0.2 3.5 0.6 1.7 0.3 1.2 179.1	0.03% 0.01% 0.01% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.36%	0.55 0.62 0.79 1.25 0.62 0.54 -0.60 0.88 0.09 0.90 0.63	1.66 1.99 2.38 2.16 **** 2.29 **** 2.67 2.14	2.23 2.49 3.15 **** 2.69 **** 2.93 **** 3.44 2.74	5.62 4.36 8.33 **** 7.05 **** 7.88 **** 8.58 6.51	6.49 5.55 10.30 **** 8.12 **** 10.42 **** 10.51 8.71	6.28 8.16 11.40 **** 6.84 9.46 9.46 9.23	3.29 5.59 4.96 8.50 **** 3.85 5.76	4.34 4.10 9.95	6.57 9.82 12.48 **** **** **** 14.83 10.32	6.57 48.16 10.13 **** 8.69 **** 9.69 **** 10.41 8.31	**** 5.38 9.53 **** 6.13 **** 8.64 **** 7.62 7.52	**** 8.33 10.64 **** **** **** **** 10.13 8.82	**** **** **** **** **** **** ****	6.50 7.25 9.18 2.16 0.63 6.35 -0.53 7.70 5.97 8.74 10.23
CASH																	
TOTAL CASH ML 91 DAY TREASURY BILL INDEX	+/-	321.8	0.65%	0.11 0.00 0.11	0.08 0.01 0.07	0.10 0.01 0.08	0.43 0.05 0.38	0.54 0.11 0.42	0.90 0.11 0.79	0.89 0.10 0.79	0.13	1.31 0.21 1.10	0.48 0.09 0.40	0.63 0.10 0.54	0.92 0.14 0.78	**** ****	2.46
PRIVATE EQUITY																	
TOTAL PRIVATE EQUITY RUSSELL 3000 PLUS 3% Lagged	+/-	3,842.5	7.76%	1.61 0.00 1.61	4.13 2.66 1.47	5.80 2.66 3.14	8.21 16.25 (8.04)	8.38 18.29 <mark>(9.91)</mark>	12.74 35.20 (22.47)	13.78 5.55 8.23	15.96	-4.17 -1.42 (2.75)	11.55 25.09 (13.54)	13.09 23.20 (10.11)	7.37 12.11 (4.74)	**** **** ****	11.98
PRIVATE REAL ESTATE																	
TOTAL PRIVATE REAL ESTATE NCREIF NFI-ODCE NET + 100 BP	+/-	2,112.7	4.26%	1.38 0.07 1.30	3.67 3.59 0.08	4.87 3.67 1.20	12.78 10.55 2.23	12.89 12.08 0.81	14.43 10.77 4.66	22.28 15.97 6.31	8.46 16.26 (7.80)	-43.87 -29.40 (14.47)	15.72 12.96 2.76	17.36 14.17 3.19	-1.89 0.79 (2.67)	**** **** ****	7.95
TOTAL EMPLOYEES EMPLOYEES POLICY BENCHMARK	+/-	49,539.7		2.79 2.60 0.20	4.50 4.32 0.17	7.72 7.07 0.65	13.20 12.01 1.19	12.24 11.57 0.67	13.42 13.39 0.03	1.13 1.60 (0.47)		20.98 25.03 (4.05)	16.00 14.38 1.63	10.52 10.50 0.01	12.07 12.76 (0.69)	7.49 7.51 (0.02)	8.96

#### New York City Employees' Retirement System Private Equity Portfolio As of June 30, 2013 (in USD)

Vintage			Committed	Net Contributed	Net Distributed			
Year	Investment	First Drawdown	Capital	Capital	Capital	Market Value	Multiple	IRR
Active Inve								
1998	VS&A Communications Partners III, L.P.	12/15/1998 \$					1.37x	6.3%
1999	Cypress Merchant Banking Partners II, L.P.	3/29/1999	50,000,000	49,915,114	39,282,042	4,711,979	0.88x	(2.5%)
1999 1999	FdG Capital Partners LLC Lincolnshire Equity Fund II, L.P.	6/2/1999 10/20/1999	25,000,000 20,000,000	24,302,765 18,711,603	38,113,544 35,688,993	5,169,592 2,156,426	1.78x 2.02x	14.9%
2000	Carlyle Partners III, L.P.	3/1/2000	50,000,000	44,860,083	97,955,478	2,156,426	2.02x 2.19x	24.9% 20.5%
2000	Solera Partners, L.P.	5/26/2000	20,000,000	13,557,985	21,473,668	16,131,409	2.13x	10.4%
2000	SCP Private Equity Partners II, L.P.	6/15/2000	30,000,000	27,931,907	5,949,854	8,751,129	0.53x	(8.4%)
2001	Ripplewood Partners II, L.P.	2/28/2001	20,000,000	21,724,315	16,126,720	8,478,242	1.13x	3.5%
2001	New Mountain Partners, L.P.	3/16/2001	20,000,000	17,107,647	22,908,592	1,893,168	1.45x	12.6%
2001	Apollo Investment Fund V, L.P.	4/13/2001	40,000,000	37,444,293	93,741,085	6,213,987	2.67x	38.7%
2001	RRE Ventures III, L.P.	7/6/2001	20,000,000	25,545,365	28,287,854	9,874,453	1.49x	7.5%
2002	Yucaipa American Alliance Fund I, LP	7/1/2002	90,000,000	90,079,247	54,710,774	69,383,253	1.38x	8.0%
2002	Thomas, McNerney & Partners, L.P.	10/9/2002	20,000,000	19,300,000	7,003,139	8,078,190	0.78x	(5.6%)
2002	BDCM Opportunity Fund, L.P.	10/14/2002	25,000,000	23,014,932	53,528,457	5,792,566	2.58x	22.7%
2002	Landmark Equity Partners XI, L.P.	10/23/2002	55,000,000	52,103,148	69,626,836	9,908,746	1.53x	24.2%
2003 2003	FS Equity Partners V, L.P.	1/20/2003	25,000,000	20,068,645	34,979,297	9,048,831	2.19x 2.86x	17.2% 39.7%
2003	Blackstone Capital Partners IV, L.P. Ares Corporate Opportunities Fund, L.P.	2/26/2003 4/1/2003	40,000,000 45,000,000	29,536,989 43,544,210	72,832,297 63,920,874	11,671,456 8,932,992	1.67x	14.2%
2003	Markstone Capital Partners, LP	1/30/2004	40,000,000	39,574,233	17,078,400	16,176,257	0.84x	(4.4%)
2004	FdG Capital Partners II LP	8/30/2004	35,000,000	28,091,450	19,109,535	12,415,252	1.12x	1.9%
2004	Paladin Homeland Security Fund (NY City), L.P.	9/27/2004	15,000,000	15,155,182	1,809,212	7,098,302	0.59x	(8.2%)
2004	Lincolnshire Equity Fund III, L.P.	10/1/2004	55,000,000	51,855,733	61,652,696	34,176,343	1.85x	34.9%
2004	New York/Fairview Emerging Managers Fund, L.PTranche 1	10/21/2004	32,000,000	29,040,000	7,432,758	21,698,724	1.00x	0.1%
2004	Aurora Equity Partners III L.P.	11/16/2004	50,000,000	50,587,790	45,872,066	33,606,544	1.57x	12.7%
2004	Trilantic Capital Partners III L.P.	11/18/2004	50,000,000	36,821,547	55,376,045	2,655,640	1.58x	13.0%
2004	Celtic Pharmaceutical Holdings L.P.	12/23/2004	25,000,000	25,402,094	402,094	15,202,735	0.61x	(8.0%)
2005	Palladium Equity Partners III, L.P.	11/12/2004	35,000,000	29,274,242	19,799,454	33,745,741	1.83x	18.2%
2005	New Mountain Partners II, L.P.	1/12/2005	46,451,615	36,300,449	49,205,221	22,753,921	1.98x	13.5%
2005	VSS Communications Partners IV, L.P.	3/14/2005	25,000,000	25,855,270	6,132,432	14,074,971	0.78x	(5.0%)
2005	Prism Venture Partners V-A, L.P.	7/14/2005	30,000,000	30,000,000	7,035,880	13,627,586	0.69x	(9.7%)
2005	Erasmus New York City Growth Fund	8/16/2005	40,000,000	34,819,694	24,364,881	5,750,477	0.86x	(3.1%)
2005	Quadrangle Capital Partners II LP	8/29/2005	65,000,000	52,621,127	29,386,729	32,397,658	1.17x	3.6%
2005	Snow Phipps Group, L.P.	9/7/2005	20,000,000	17,851,815	10,675,201	13,752,054	1.37x	9.7%
2005 2005	GI Partners Fund II L.P. Blackstone Mezzanine Partners II, L.P.	9/26/2005	35,000,000	35,243,135	18,795,258	33,895,918	1.50x 1.36x	7.7%
2005	Psilos Group Partners III, L.P.	10/10/2005 10/24/2005	25,000,000 35,000,000	21,822,514 34,823,682	22,902,000 17,141,623	6,712,233 29,378,843	1.30x 1.34x	8.1% 7.9%
2005	USPF II Institutional Fund, L.P.	11/23/2005	65,000,000	65,000,000	25,067,165	57,116,912	1.34x 1.26x	5.1%
2005	JP Morgan Fleming (Tranche A)	12/21/2005	43,000,000	36,049,548	13,142,218	29,973,682	1.20x	5.1%
2005	Aisling Capital II, LP	1/12/2006	7,000,000	5,757,219	1,219,311	4,695,309	1.03x	0.6%
2006	InterMedia Partners VII, L.P.	1/20/2006	25,000,000	24,523,304	331,937	37,673,836	1.55x	8.3%
2006	Terra Firma Capital Partners III, L.P.	3/8/2006	52,690,562	50,052,857	1,123,857	27,413,701	0.57x	(14.2%)
2006	BDCM Opportunity Fund II, L.P.	3/29/2006	25,000,000	24,083,406	7,391,262	35,542,669	1.78x	16.3%
2006	Blackstone Capital Partners V, L.P.	4/13/2006	123,900,000	117,218,941	30,875,094	118,596,826	1.28x	5.0%
2006	Avista Capital Partners, L.P.	4/27/2006	45,000,000	45,026,821	28,175,088	36,327,717	1.43x	7.9%
2006	GSC Recovery III, L.P.	5/4/2006	25,000,000	25,990,775	17,729,006	11,391,818	1.12x	3.2%
2006	Apollo Investment Fund VI, L.P.	5/10/2006	90,000,000	80,507,317	50,393,774	77,732,343	1.59x	9.3%
2006	Landmark Equity Partners XIII, L.P.	5/11/2006	50,000,000	46,864,581	32,672,270	23,480,849	1.20x	5.1%
2006	Ares Corporate Opportunities Fund II, L.P.	5/23/2006	50,000,000	43,943,286	56,187,497	22,027,482	1.78x	13.8%
2006	Fairview Ventures Fund III, L.P.	6/29/2006	25,000,000	20,936,840	5,184,858	22,528,177	1.32x	10.8%
2006	Ampersand 2006	8/14/2006	25,000,000	23,500,000	12,332,196	21,398,585	1.44x	9.7%
2006	CCMP Capital Investors II, L.P.	8/17/2006	30,000,000	28,281,090	13,916,869	29,711,986	1.54x	14.5%
2006	Perseus Partners VII, L.P.	8/31/2006	30,000,000	28,578,413	144,122	10,763,139	0.38x	(22.4%)
2006	Thomas, McNerney & Partners II, L.P.	11/30/2006	25,000,000	21,437,500	3,120,413	18,969,055	1.03x	0.9%
2006 2006	Catterton Partners VI, L.P. First Reserve Fund XI, L.P.	12/14/2006 12/14/2006	45,000,000	40,736,077	17,356,442 15,402,651	64,158,385	2.00x 1.20x	15.9% 4.8%
2006	Arsenal Capital Partners II, LP	12/14/2006	45,000,000 22,500,000	44,816,513 20,175,929	3,772,933	38,426,281 23,702,486	1.20x 1.36x	4.8%
2006	RRE Ventures IV, L.P.	12/19/2006	35,000,000	38,544,022	6,680,155	41,908,540	1.36x 1.26x	6.9%
2006	MidOcean Partners III, L.P.	12/21/2006	60,000,000	51,569,016	3,710,534	56,476,111	1.17x	4.2%
2006	GF Capital Private Equity Fund, L.P.	12/22/2006	20,000,000	19,995,254	13,896,523	16,367,927	1.51x	16.4%
2006	The Fourth Cinven Fund	1/22/2007	71,470,087	62,930,578	28,879,705	62,374,569	1.45x	8.8%
2007	Pegasus Partners IV, L.P.	1/29/2007	30,000,000	30,155,485	12,658,392	26,366,581	1.29x	7.3%
2007	FTVentures III, LP	3/1/2007	25,000,000	16,950,264	10,870,681	28,515,242	2.32x	20.0%
2007	Co-Investment Partners Europe, L.P.	3/19/2007	39,835,390	37,773,241	4,249,955	39,376,562	1.15x	4.7%
2007	Montreux Equity Partners IV, L.P.	3/27/2007	20,000,000	19,190,000	6,592,834	17,278,606	1.24x	7.6%
2007	Quaker BioVentures II, L.P.	3/30/2007	20,000,000	14,403,151	2,197,588	9,564,693	0.82x	(7.6%)
2007	SCP Vitalife Partners II Fund	4/13/2007	20,000,000	17,499,698	1,579	13,674,768	0.78x	(8.7%)
2007	Craton Equity Investors I, L.P.	4/30/2007	20,000,000	19,759,607	12,194	13,386,686	0.68x	(11.6%)
2007	Nautic Partners VI, L.P.	5/14/2007	30,000,000	27,748,439	7,202,114	28,144,891	1.27x	8.0%
2007	Constellation Venture Capital III, L.P.	5/22/2007	25,000,000	24,289,545	-	21,960,621	0.90x	(3.4%)
2007	United States Power Fund III, L.P.	6/28/2007	65,000,000	50,654,993	4,940,003	49,998,073	1.08x	2.0%
2007	Halyard Capital Fund II, L.P.	7/2/2007	25,000,000	18,545,924	655,538	16,324,512	0.92x	(2.5%)
2007	Carlyle Partners V, L.P.	7/6/2007	70,000,000	57,573,691	22,511,038	59,957,916	1.43x	12.4%
2007	PCG Clean Energy & Technology Fund (East), LLC	7/6/2007	90,000,000	73,882,709	4,115,910	48,154,893	0.71x	(11.1%
2007	GSO Capital Opportunities Fund LP	7/16/2007	45,000,000	44,698,256	50,739,287	21,214,974	1.61x	19.5%
2007	StarVest Partners II, L.P.	8/1/2007	25,000,000	18,111,500	6,556	14,354,552	0.79x	(9.1%)
2007	New Mountain Partners III, L.P.	8/9/2007	100,000,000	90,086,970	21,151,328	89,189,318	1.22x	8.5%
2007	Vista Equity Partners Fund III, L.P.	10/3/2007	30,000,000	27,073,648	40,090,256	28,984,467	2.55x	30.0%
2007	Trilantic Capital Partners IV L.P.	10/22/2007	69,028,637	59,593,483	44,985,369	51,916,634	1.63x	18.2%
2007	RLJ Equity Partners Fund I, L.P.	11/30/2007	20,000,000	13,461,483	2,068,855	12,772,715	1.10x	4.1% 17.0%
2007	Pine Brook Capital Partners, L.P.	1/11/2008	30,000,000	22,071,331	10,261,753	22,622,671	1.49x	17

#### New York City Employees' Retirement System Private Equity Portfolio As of June 30, 2013 (in USD)

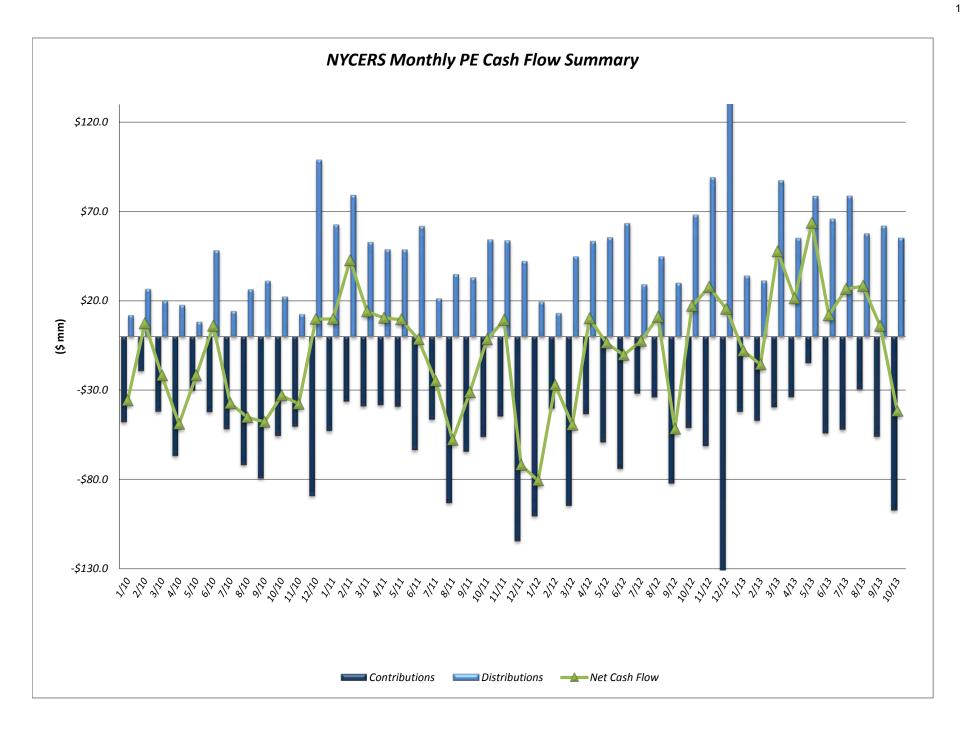
Vintage Year	Investment	First Drawdown	Committed Capital	Net Contributed Capital	Net Distributed Capital	Market Value	Multiple	IRR
2008	Paladin III (NY City), L.P.	1/8/2008	30,000,000	20,605,328	3,198,936	20,712,675	1.16x	4.7%
2008	Relativity Fund, L.P.	1/17/2008	20,000,000	10,244,007	422,941	3,181,131	0.35x	(29.5%
2008	Apollo Investment Fund VII, L.P.	1/28/2008	100,000,000	75,128,209	59,444,443	78,202,987	1.83x	25.1%
2008	NGN BioMed Opportunity II, L.P.	2/11/2008	20,000,000	15,851,821	23,687	11,821,742	0.75x	(9.7%
2008	Carpenter Community BancFund-A, L.P.	2/12/2008	20,000,000	18,762,447	87,244	23,939,639	1.28x	7.9%
2008	Riverstone/Carlyle Global Energy & Power Fund IV, L.P.	3/3/2008	45,000,000	38,724,789	19,472,132	34,988,947	1.41x	13.9%
2008	Yucaipa American Alliance Fund II, LP	3/28/2008	120,000,000	112,798,864	27,991,753	162,791,647	1.69x	18.3%
2008	Levine Leichtman Capital Partners IV, L.P.	4/8/2008	35,000,000	26,137,428	6,604,221	37,698,547	1.69x	24.4%
2008	Lee Equity Partners Fund, L.P.	4/23/2008	42,500,000	33,833,410	2,893,215	33,598,603	1.08x	3.3%
2008	New York/Fairview Emerging Managers Fund, L.PTranche 2	5/28/2008	45,000,000	24,318,000	4,680,526	23,969,379	1.18x	8.1%
2008	Yucaipa Corporate Initiatives Fund II, LP	6/23/2008	42,092,788	40,237,969	4,658,272	26,377,270	0.77x	(11.3%
2008	Leeds Equity Partners V, L.P.	7/28/2008	60,000,000	31,273,931	-	39,280,227	1.26x	10.5%
2008	GI Partners Fund III L.P.	7/29/2008	45,000,000	42,710,009	13,233,073	46,658,219	1.40x	15.7%
2008	Ares Corporate Opportunities Fund III, L.P.	7/30/2008	75,000,000	58,837,581	42,253,979	54,516,122	1.64x	22.4%
2008	CS NYCERS Emerging Manager Co-Investment Fund, L.P.	8/22/2008	26,262,627	14,432,528	7,701,442	13,024,087	1.44x	12.0%
2008	CS NYCERS Emerging Manager Fund, L.P.	8/22/2008	116,737,374	57,062,199	5,707,885	55,045,579	1.06x	3.1%
2008	First Reserve Fund XII, L.P.	8/25/2008	45,000,000	36,362,953	3,737,482	34,726,798	1.06x	2.0%
2008	Landmark Equity Partners XIV, L.P.	9/19/2008	109,120,000	76,935,589	26,438,228	68,534,344	1.23x	16.8%
2008	Crestview Partners II, L.P.	10/1/2008	50,000,000	35,159,900	9,367,556	40,781,055	1.43x	15.6%
2008	Avista Capital Partners II, L.P.	11/5/2008	75,000,000	51,579,758	13,339,904	70,696,822	1.63x	15.4%
2008	Blue Wolf Capital Fund II, L.P.	11/14/2008	25,000,000	18,876,896	6,767,483	17,743,433	1.30x	14.0%
2008	Bridgepoint Europe IV	11/14/2008	26,878,311	20,022,121	1,348,565	23,039,719	1.22x	9.3%
2008	Aisling Capital III, LP	11/20/2008	14,000,000	8,305,886	1,117,905	8,184,008	1.12x	7.1%
2008	Onex Partners III LP	12/10/2008	75,000,000	62,595,180	7,336,094	62,748,289	1.12x	6.9%
2008		2/10/2009	40,000,000		1,724,334	32,572,346	1.12x 1.28x	11.6%
2009	Welsh, Carson, Anderson & Stowe XI, L.P. FS Equity Partners VI, L.P.	7/27/2009	32,500,000	26,898,391 21,492,324	3,545,416	23,333,493	1.25x	11.0%
2009		8/5/2009			221,591	11,939,074	0.85x	
2009	Lincolnshire Equity Fund IV, L.P.		27,500,000 50,000,000	14,339,322	9,506,690		1.33x	(9.8%)
2009	Lexington Capital Partners VII, L.P. Snow Phipps II, L.P.	12/3/2009		31,053,144		31,829,501	1.09x	18.6% 5.5%
		1/8/2010	30,000,000	13,082,770	567,904	13,686,922		
2010	JP Morgan Fleming (Tranche B)	2/26/2010	35,000,000	20,991,424	898,632	21,787,500	1.08x	5.2%
2010	Trident V, L.P.	4/29/2010	110,000,000	54,598,365	-	57,832,582	1.06x	3.9%
2011	Blackstone Capital Partners VI, L.P.	1/24/2011	120,000,000	30,673,857	252,371	33,674,410	1.11x	9.2%
2011	Ampersand 2011	3/11/2011	25,000,000	16,000,000	-	18,673,300	1.17x	11.2%
2011	BDCM Opportunity Fund III, L.P.	4/8/2011	45,000,000	19,531,491	1,334,766	20,238,400	1.10x	8.6%
2011	AXA Secondary Fund V B L.P.	6/16/2011	120,000,000	62,025,717	5,680,164	76,400,462	1.32x	30.4%
2011	Wellspring Capital Partners V, L.P.	7/1/2011	40,000,000	8,480,032	-	7,043,230	0.83x	NIV
2011	EQT VI, L.P.	8/1/2011	108,830,437	37,986,881	-	32,858,754	0.87x	NIV
2011	Pegasus Partners V, L.P.	8/16/2011	20,789,916	10,800,288	-	11,010,631	1.02x	NIV
2011	BC European Capital IX	9/19/2011	139,562,127	42,021,488	1,109,179	43,360,461	1.06x	NIV
2011	American Securities Partners VI, L.P.	11/18/2011	80,000,000	18,989,509	-	23,201,081	1.22x	NIV
2011	Vista Equity Partners Fund IV, L.P.	11/30/2011	100,000,000	45,578,524	-	47,312,621	1.04x	NIV
2012	Warburg Pincus Private Equity XI, L.P.	5/24/2012	110,000,000	20,224,372	374,000	21,384,677	1.08x	NIV
2012	Trilantic Capital Partners V L.P.	9/20/2012	70,000,000	10,949,810	-	9,295,658	0.85x	NIV
2012	Palladium Equity Partners IV, L.P.	10/10/2012	55,000,000	8,556,574	253,860	8,339,860	1.00x	NN
2012	Ares Corporate Opportunities Fund IV, L.P.	11/5/2012	125,000,000	5,270,679	-	3,822,849	0.73x	NN
2012	Green Equity Investors VI, L.P.	11/30/2012	120,000,000	11,558,113	304,954	10,600,576	0.94x	NN
2012	Platinum Equity Capital Partners III, L.P.	1/14/2013	100,000,000	25,188,677	15,431,732	12,409,305	1.11x	NIV
2012	NYCERS - 2012 Emerging Manager Program*	6/21/2013	150,000,000	2,039,019	530	1,733,281	0.85x	NM
2013	Apollo Investment Fund VIII, L.P.	N/A	140,000,000	-	-	-	0.00x	N/A
2013	Carlyle Partners VI, L.P.	7/3/2013	75,000,000	-	-	-	0.00x	N/A
2013	Carlyle Partners VI, L.P. (Side Car)	N/A	8,250,000	-	-	-	0.00x	N/A
2013	CVC Capital Partners VI, L.P.	N/A	139,989,594	-	-	-	0.00x	N/A
2013	Landmark - NYC Fund I, L.P.	N/A	25,000,000	-	-	-	0.00x	N/A
2013	Landmark Equity Partners XV, L.P.	10/30/2013	75,000,000	-	-	-	0.00x	N/A
2013	Olympus Growth Fund VI, L.P.	N/A	75,000,000	-	-	-	0.00x	N/A
Total Port	• • 1		\$ 7,321,128,774	A 700 544 004	\$ 2,598,713,033	\$ 3,608,944,081	1.31x	8.6%

Vintage Year	Investment	First Drawdown	Committed Capital	Ne	et Contributed Capital	N	et Distributed Capital	Market Value	Multiple	IRR
Commitme	ents Closed Subsequent to as of Date									
2013	FTVentures IV, LP	12/2/2013	\$ 15,000,000	\$	-	\$	-	\$ -	N/A	N/A
2013	Vista Foundation Fund II, L.P.	N/A	15,000,000		-		-	-	N/A	N/A
Total Com	mitments Closed Subsequent to as of Date		\$ 30,000,000	\$	-	\$	-	\$ -	N/A	N/A

\*Please note that the NYCERS - 2012 Emerging Manager Program total commitment amount includes the full amount allocated to the Program, of which \$75.6 million has been committed as of December 2, 2013.

<sup>1</sup>Please note that the Total Portfolio includes liquidated investments and is presented Pro-Forma for the proceeds received and expected to be received from the sale of 11 partnership investments in secondary transactions that closed during the first half of 2012.

Note: IRRs presented are interim estimates and may not be indicative of the ultimate performance of fund investments due to a number of factors, such as the lack of industry valuation standards and the differences in the investment pace and strategy of various funds. Until a fund is liquidated, typically over 10 to 12 years, the IRR is only an interim estimated return. The IRR calculated in early years of a fund is not meaningful given the J-curve effect. The actual IRR performance of any fund is not known until all capital contributed and earnings have been distributed to the investor. The IRRs contained in this report are calculated by StepStone Group LP ("StepStone"), a consultant to the New York City Employees' Retirement System, based on information provided by the general partners (e.g. cash flows and valuations). The IRRs calculations and other information contained in this report have not been reviewed or confirmed by the general partners. The result of the IRR calculations can be affected by cash-flow timing, the accounting treatment of carried interest, fund management fees, advisory fees, organizational fees, other fund expenses, sale of distributed stock, and valuations.



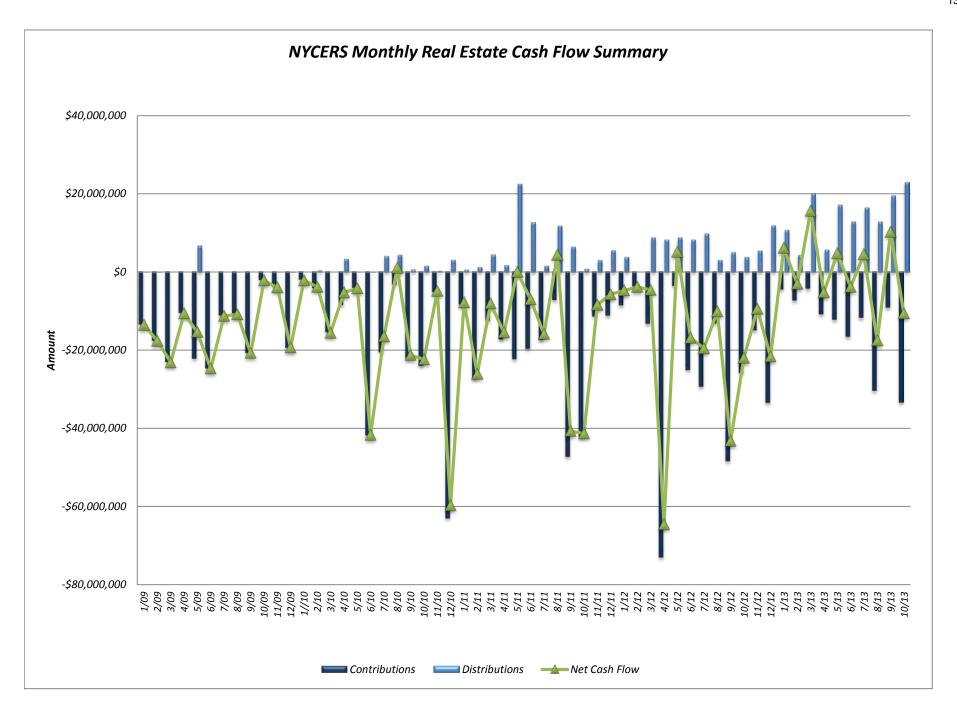
## The Townsend Group®

New York City Employees' Retirement System

intage Year	Fund Name	First Draw Down	Capital Committed	Contributions	Distributions	Market Value	Equity Multiple	Net IRR
2006	UBS Trumbull Property Fund ("UBS-TPF")	9/28/2006	\$156,000,000	\$183,622,471	(\$21,763,529)	\$193,599,578	1.2	4.1%
2006	RREEF America REIT II	10/1/2006	\$86,000,000	\$113,537,802	(\$37,331,372)	\$86,856,571	1.1	1.8%
2006	PRISA SA	9/29/2006	\$86,000,000	\$90,402,447	(\$10,739,197)	\$86,056,817	1.1	1.1%
2006	Prologis Targeted U.S. Logistics Fund	10/1/2006	\$25,000,000	\$29,440,389	(\$4,649,266)	\$20,883,552	0.9	-2.5%
2007	JP Morgan Strategic Property Fund	12/4/2006	\$136,000,000	\$142,875,192	\$0	\$177,539,465	1.2	4.4%
2007	Heitman HART	3/29/2007	\$115,000,000	\$137,865,375	(\$22,865,375)	\$148,520,789	1.2	5.5%
2007	PRISA II	6/30/2007	\$141,518,761	\$146,719,655	(\$12,525,803)	\$136,349,137	1.0	0.3%
2007	JP Morgan Special Situation Property Fund	1/2/2007	\$90,000,000	\$98,260,711	(\$14,415,410)	\$78,387,983	0.9	-1.0%
2007	RREEF America REIT III - 1410	10/1/2007	\$90,000,000	\$90,000,000	(\$10,395,152)	\$30,541,440	0.5	-13.0%
2007	Colony Realty Partners II	12/20/2006	\$20,000,000	\$21,420,211	(\$666,108)	\$8,251,899	0.4	-14.5%
2010	LaSalle Property Fund	7/1/2010	\$50,000,000	\$35,746,403	(\$2,677,059)	\$40,962,664	1.2	12.5%
	Core / Core Plus Portfolio		\$995,518,761	\$1,089,890,655	(\$138,028,270)	\$1,007,949,895	1.1	1.0%
2003	Canyon Johnson Urban Fund	12/6/2002	\$15,000,000	\$13,590,364	(\$15,874,432)	\$0	1.2	10.2%
2004	The City Investment Fund I	3/16/2004	\$225,000,000	\$221,883,300	(\$136,666,473)	\$104,755,887	1.1	2.3%
2004	Tishman Speyer Separate Account (ERS)	12/16/2003	\$100,000,000	\$71,066,452	(\$225,424,104)	\$37,331,118	3.7	63.4%
2004	Blackstone Fund IV	5/10/2004	\$30,000,000	\$38,440,704	(\$33,624,018)	\$17,539,169	1.3	11.4%
2005	Canyon Johnson Urban Fund II	5/11/2005	\$40,000,000	\$35,954,818	(\$24,000)	\$20,113,185	0.6	-9.8%
2006	AREA Real Estate Investment Fund V, LP	6/15/2006	\$25,000,000	\$25,000,001	(\$6,946,926)	\$11,196,584	0.7	-7.2%
2007	Blackstone Real Estate Partners VI	9/27/2007	\$110,000,000	\$117,026,842	(\$31,393,499)	\$137,466,314	1.4	10.79
2007	Metropolitan Workforce Housing Fund	7/13/2007	\$14,000,000	\$14,013,027	(\$941,762)	\$13,222,691	1.0	0.4%
2007	UrbanAmerica II	1/30/2007	\$25,000,000	\$23,222,735	\$0	\$11,114,517	0.5	-13.2
2007	Carlyle Realty Partners V	8/27/2007	\$20,000,000	\$24,148,792	(\$18,984,779)	\$10,847,510	1.2	6.9%
2008	PRISA III	9/30/2008	\$50,000,000	\$53,163,768	\$0	\$72,118,093	1.4	9.1%
2008	Capri Urban Investors	6/3/2008	\$60,000,000	\$59,980,707	\$0	\$42,606,587	0.7	-10.3
2008	Westbrook Real Estate Fund VII	12/3/2007	\$40,000,000	\$42,815,826	(\$9,503,034)	\$33,547,279	1.0	0.1%
2008	Stockbridge Real Estate Fund III	9/9/2008	\$27,000,000	\$26,285,345	(\$0,505,054) \$0	\$27,382,293	1.0	1.6%
2008	American Value Partners Fund I	10/18/2007	\$55,000,000	\$37,443,273	(\$10,090,923)	\$25,863,018	1.0	-1.5%
2008	AREA European Real Estate Fund III, LP	5/6/2008	\$30,000,000	\$30,487,500	(\$6,505,000)	\$23,399,013	1.0	-1.57
2008		5/28/2008		\$22,168,479			0.4	-0.87
2008	Silverpeak Legacy Partners III (Lehman) Walton Street Real Estate Fund VI		\$50,000,000		(\$688,400)	\$8,777,888	1.2	-17.5
2009		4/27/2009	\$50,000,000	\$42,323,933	(\$9,041,824)	\$43,117,769	1.2	-0.69
	Thor Urban Property Fund II	10/30/2008	\$40,000,000	\$51,756,666	(\$17,767,214)	\$33,557,537		
2009	Carbon Capital III	7/2/2009	\$40,000,000	\$43,757,162	(\$37,007,589)	\$15,028,952	1.2	8.4%
2009	JP Morgan Urban Renaissance Property Fund	12/18/2008	\$16,360,625	\$4,206,523	(\$4,206,523)	\$0	1.0	0.0%
2010	Westbrook Real Estate Fund VIII	12/28/2009	\$50,000,000	\$58,139,066	(\$21,104,990)	\$46,209,813	1.2	13.09
2010	Blackstone Real Estate Partners Europe III (USD Vehicle)	10/24/2008	\$50,000,000	\$38,050,424	(\$4,071,478)	\$42,915,843	1.2	16.79
2010	Canyon Johnson Urban Fund III	3/29/2010	\$30,000,000	\$25,646,935	(\$5,379,641)	\$23,513,134	1.1	7.8%
2011	Carlyle Realty Partners VI	9/14/2011	\$70,000,000	\$26,441,492	(\$1,874,357)	\$30,886,891	1.2	22.65
2011	H/2 Special Opportunities Fund II	1/31/2011	\$40,000,000	\$18,280,089	\$0	\$23,838,662	1.3	27.49
2012	Blackstone Real Estate Partners VII	3/31/2012	\$170,000,000	\$91,459,571	(\$13,500,402)	\$101,152,545	1.3	35.19
2012	Taconic New York City Investment Fund LP	7/5/2012	\$70,000,000	\$21,159,091	\$0	\$20,479,077	1.0	-4.19
2012	Brookfield Strategic Real Estate Partners	9/20/2012	\$100,000,000	\$13,021,503	\$0	\$14,411,027	1.1	13.79
2013	KTR Industrial Fund III	6/28/2013	\$40,000,000	\$4,186,884	\$0	\$4,249,279	n/a	n/a
2013	NYC Asset Investor #1 LLC - Emmes	6/25/2013	\$50,000,000	\$3,792,138	\$0	\$3,792,466	n/a	n/a
	Non Core and Emerging Manager Portfolio		\$1,732,360,625	\$1,298,913,411	(\$610,621,368)	\$1,000,434,141	1.2	9.8%
	New York City Employees' Retirement System		\$2,727,879,386	\$2,388,804,065	(\$748,649,639)	\$2,008,384,037	1.2	4.3%

Vintage	Fund Name	First Draw Down	Capital Committed	Contributions				
2013	NYC Related Superstorm Sandy Rebuilding Fund		\$75,000,000	-	-	-	-	-
2013	NYC Hudson Superstorm Sandy Rebuilding Fund		\$50,000,000	-	-	-	-	-
2013	Blackstone Real Estate Partners Europe IV		\$130,000,000	-	-	-	-	-
2013	Divco West Fund IV		\$30,700,000					
Grand Total			\$285,700,000					

Source: PCG historical cash flow data. TTG cash flow data from Fund Managers, effective 2005. Note: The equity multiples and IRRs contained in this report are interim calculations based upon information provided by the investment managers of the New York City Retirement Systems, including cash flows and quarterly unaudited, valuations. The IRR calculated in early years of a fund life is not meaningful given the J-curve effect and can be significantly impacted by the timing of cash flows, investment strategy, investment pacing, and fund life. The calculations are not necessarily indicative of total fund performance, which can only be determined after the fund is liquidated and all capital contributed and earnings have been distributed to the investor. All data supplied is as of June 30, 2013. Note: The General Partner of the JPMorgan Urban Renaissance Fund terminated the Fund on February 23, 2010 and all capital contributed, including management fees, was returned to investors.



# **APPENDICES**:

Basket Clause

### NYCERS - BASKET/NON BASKET SUMMARY

2.3%

As of October 31st, 2013	Adju	sted Fund Policy	<i>y</i>	Fund Actual (PE & RE on an invested basis)				
<u>Equity</u>	Non Basket*	Basket*	Total	Non Basket*	Basket*	Total		
Domestic Equity	33.8%	0.0%	33.8%	38.8%	0.0%	38.8%		
Non-U.S. Equity	10.0%	7.0%	17.0%	10.0%	6.8%	16.8%		
Private Equity	0.0%	7.0%	7.0%	0.0%	7.8%	7.8%		
Real Estate	4.3%	0.0%	4.3%	4.3%	0.0%	4.3%		
Hedge Funds	0.0%	3.3%	3.3%	0.0%	3.3%	3.3%		
Total Equity	48.0%	17.2%	65.3%	53.0%	17.9%	70.9%		
Fixed Income								
Core+5	21.3%	0.5%	21.8%	15.7%	0.5%	16.2%		
U.S. Gov't Sector	3.5%	0.0%	3.5%	2.0%	0.0%	2.0%		
Mortgage Sector	8.1%	0.0%	8.1%	6.2%	0.0%	6.2%		
Credit Sector	8.8%	0.5%	9.3%	6.7%	0.5%	7.2%		
High Yield	3.4%	0.4%	3.7%	3.5%	0.4%	3.9%		
Bank Loans	0.0%	1.9%	1.9%	0.0%	1.9%	1.9%		
TIPS	4.1%	0.5%	4.5%	2.4%	0.3%	2.6%		
Convertibles	1.0%	0.0%	1.0%	1.0%	0.0%	1.0%		
Opportunistic Fixed Income	0.0%	1.8%	1.8%	0.0%	1.8%	1.8%		
Other Fixed Income	0.0%	0.0%	0.0%	1.7%	0.0%	1.7%		
Total Fixed Income	29.7%	5.0%	34.7%	24.3%	4.8%	29.1%		
Total Fund	77.8%	22.2%	100.0%	77.3%	22.7%	100.0%		

2.8%

\* Note: Basket amounts are estimates

**Remaining Capacity** 

Liquidity Analysis

## **NYCERS Liquidity Profile - Static Analysis**

AUM as of October 31, 2013

			Liquid Assets	
	Current MV	Today	1 Year	2 Years
Domestic Equity	\$19,207	\$19,207	\$19,207	\$19,207
International Equity	5,122	5,122	5,122	5,122
Emerging Markets	3,218	3,218	3,218	3,218
Hedge Funds	1,621	0	1,147	1,357
Private Equity	3,852	0	0	0
Private Real Estate	2,108	0	0	0
Core + 5	8,034	8,034	8,034	8,034
TIPS	1,294	1,294	1,294	1,294
<b>Opportunistic Fixed Income</b>	880	660	880	880
Enhanced Yield	1,943	1,943	1,943	1,943
Bank Loans	937	937	937	937
Convertible Bonds	480	480	480	480
ETI	532	58	226	235
Cash	322	322	322	322
Total Assets	\$49,547	\$41,273	\$42,808	\$43,026
Total Illiquid \$ Total Illiquid %		\$8,274 16.7%	\$6,740 13.6%	\$6,521 13.2%
Unfunded PE Commitments Unfunded RE Commitments Unfunded OFI Commitments Total commitments \$ Total commitments %	\$2,196 464 584 \$3,244 6.5%			

## NYCERS Liquidity Profile - Static Analysis

12/6/13

### AUM as of October 31, 2013

Denominator Effect - Decrease AUM by One-Third			
Total Illiquid \$	\$8,274	\$6,740	\$6,521
Total Illiquid %	25.0%	20.4%	19.7%

Note: Assumes zero realizations, no new commitments and a five-year investment period; funded out of liquids

			Liquid Assets	
	Current MV	Today	1 Year	2 Years
Total Assets	\$49,547	\$41,273	\$42,808	\$43,026

Private Equity, Real Estate and Opportunistic Fixed Income Stress Case				
Unfunded PE Commitments Drawn	\$439	\$879		
Unfunded RE Commitments Drawn	93	186		
Unfunded OFI Commitments Drawn	292	0		
Total commitments \$	\$824	\$1,064		
Total commitments %	1.7%	2.1%		
Total Illiquid \$	\$7,564	\$7,586		
Total Illiquid %	15.3%	15.3%		
Note: Assumes zero realizations, no new commitments and a five-year investment period; funded out of liquids				

Denominator Effect - Decrease AUM by One-Thir	d		
Total Illiquid \$	\$8,274	\$7,564	\$7,586
Total Illiquid %	25.0%	22.9%	23.0%
Note: Assumes zero realizations, no new commitments and a five	-year investment period; fu	nded out of liquids	