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Deputy Comptroller /
Chief Investment Officer

THE CITY OF NEW YORK
OFFICE OF THE COMPTROLLER
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1 CENTRE STREET ROOM 736
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MEMORANDUM

TO: Trustees
New York City Police Pension Fund

FROM: Larry Schloss

DATE: September 25, 2012

RE: **New York City Police Pension Fund Investment Meeting – October 2, 2012**

Enclosed is a copy of the **public agenda** for the Tuesday, October 2, 2012 Investment Meeting. This meeting will be held at the Police Pension Fund, 233 Broadway – 25th Floor; beginning at **10:00am**.

If you have questions about any agenda item, please give me a call at 212-669-8318.

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

John C. Liu
COMPTROLLER

NEW YORK CITY POLICE PENSION FUND

INVESTMENT MEETING

OCTOBER 2, 2012

NEW YORK CITY POLICE PENSION FUND

INVESTMENT MEETING

OCTOBER 2, 2012

PUBLIC AGENDA

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II.	Infrastructure Education: (1 Hour)	67

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- Basket Clause 104

PUBLIC AGENDA

I. August Monthly Performance Review:

Monthly Performance Review
August 2012

Prepared for the New York City
Police Pension Fund

10.2.2012

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ECONOMIC INDICATORS

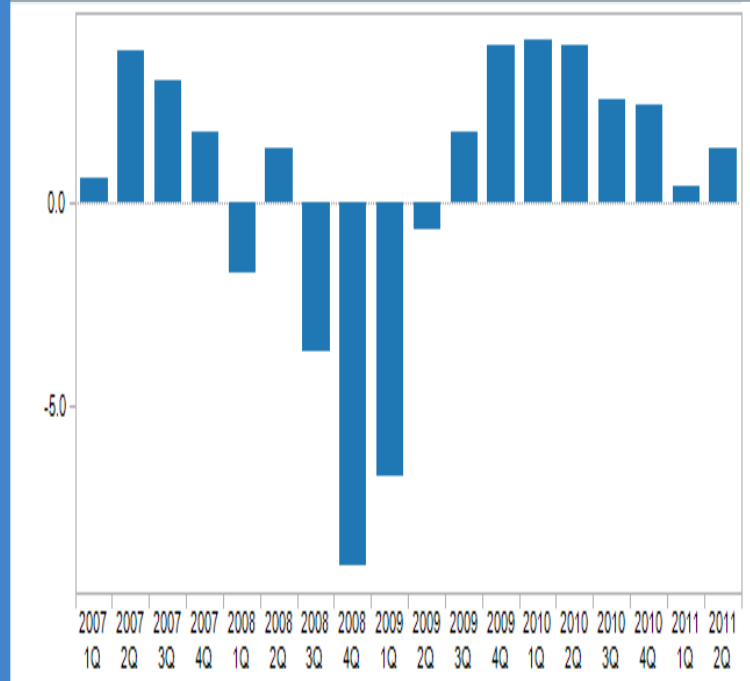
as of September 2012

NYC OFFICE OF THE COMPTROLLER
BUREAU OF ASSET MANAGEMENT

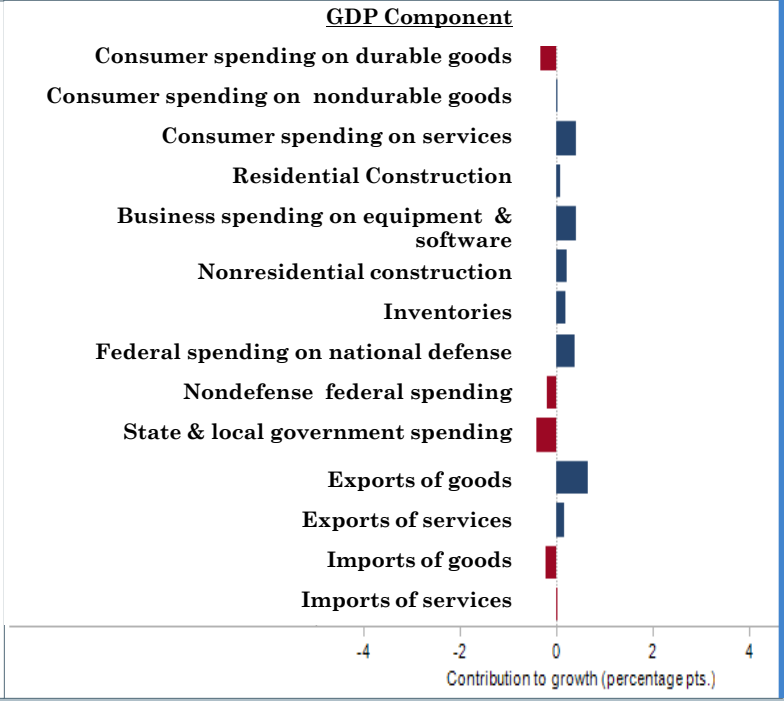
Components of GDP

2

All Show Overall % Change from preceding quarter at Seasonal Adjusted Annual Rate



Components which Contributed to GDP Growth



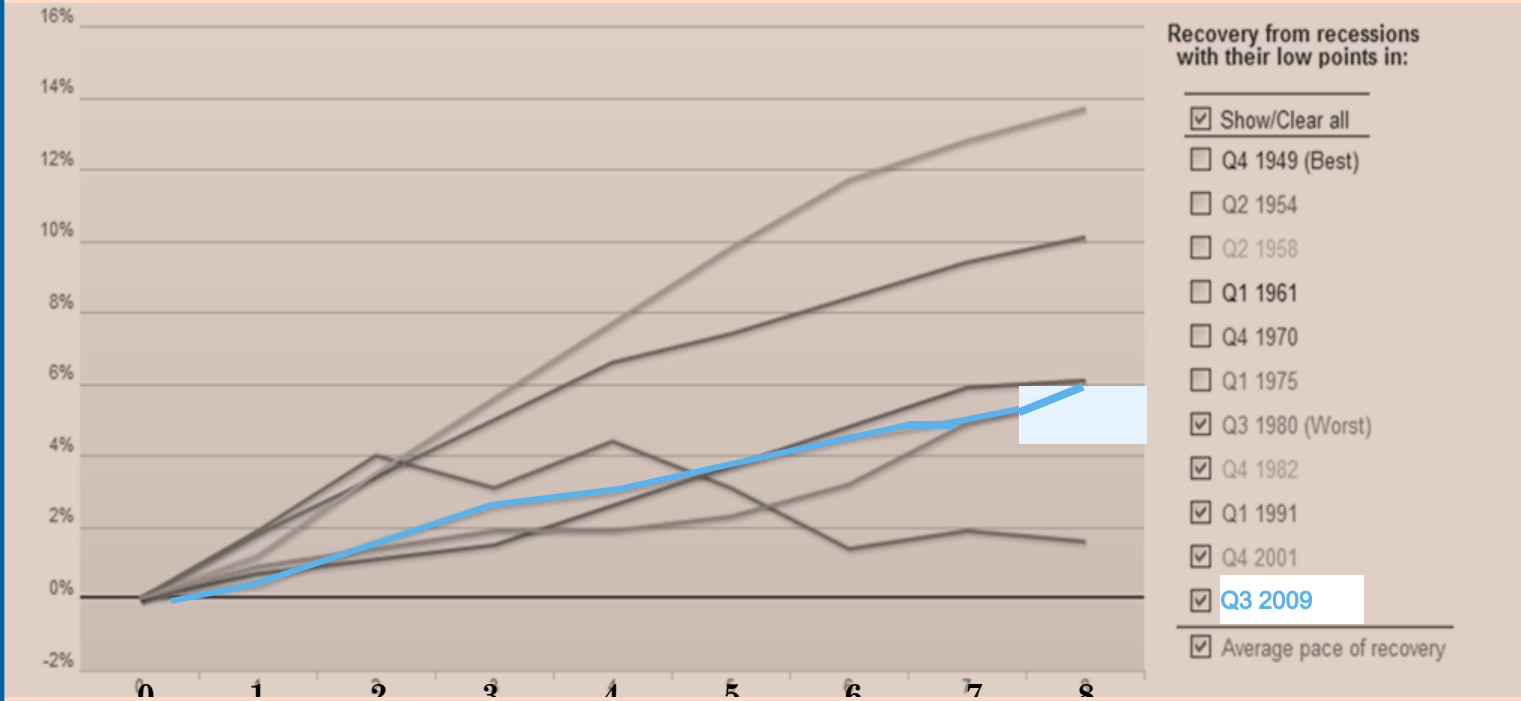
- **Note: The market indicators contained in the board materials are a subset of indicators relevant to Fund performance and strategic planning and are not intended as the exclusive indicators.**

Source: WSJ Market Data Center

US Gross Domestic Product (Inflation Adjusted)

3

US Gross Domestic Product, Inflation Adjusted Quarterly



Sources Commerce department (corporate profits, Income, GDP); Federal Reserve (bank lending); Robert J. Shiller (real home prices) Labor Department (Jobs); Federal Reserve Bank of St. Louis (Inflation-adjusted exports and consumer spending

- **Notes: 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.**
- **GDP growth during the current recovery includes second-quarter forecast calculated using consensus forecast of 2 % annual growth.**

Source: WSJ Market Data Center

Capacity Utilization

4

- **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.**

Source: Bloomberg

ISM Manufacturing Index

5

- **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.**

Source: Bloomberg

Weekly Unemployment Claims

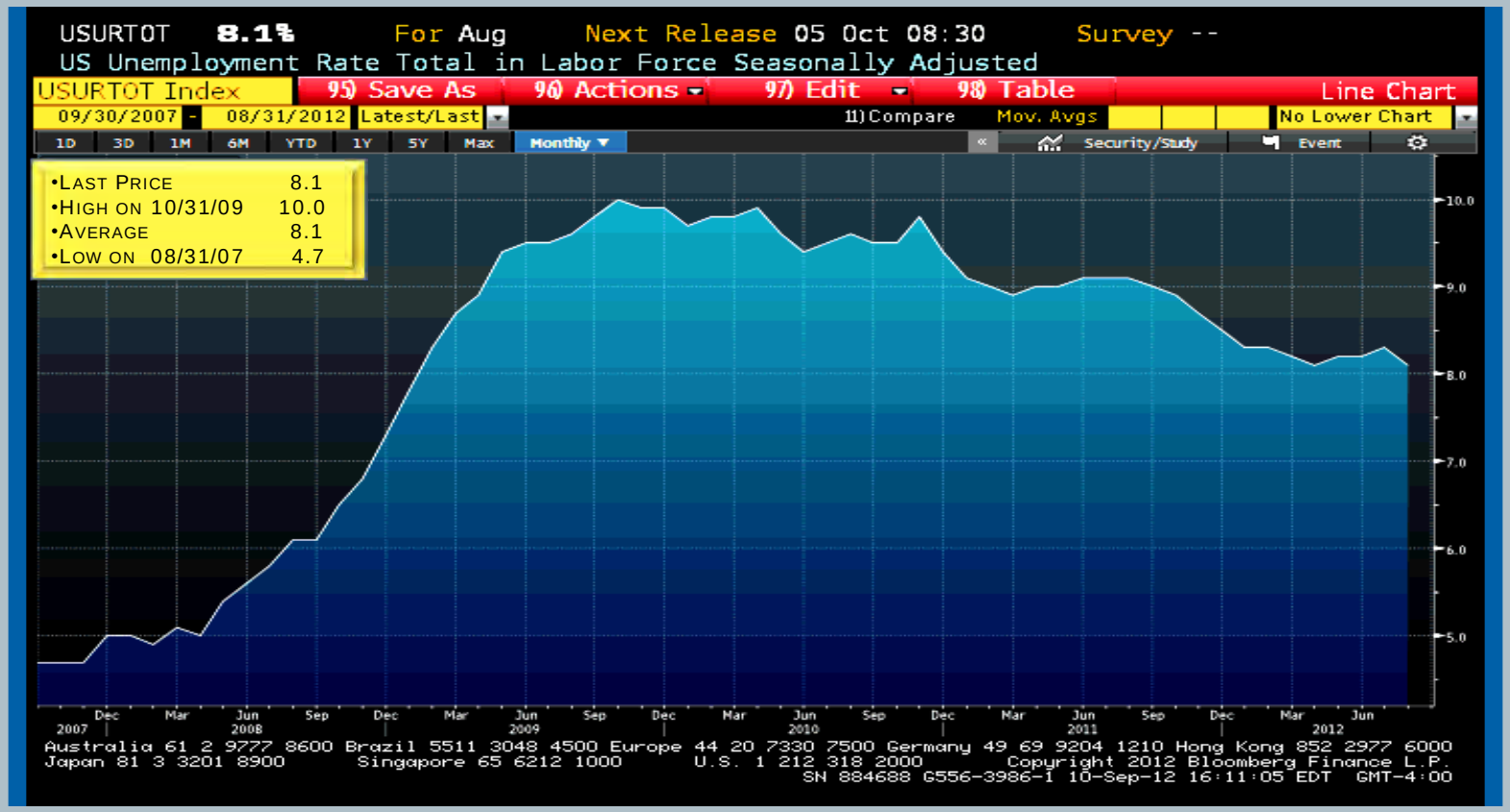
6

- **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.**

Source: Bloomberg

UNEMPLOYMENT RATE

7

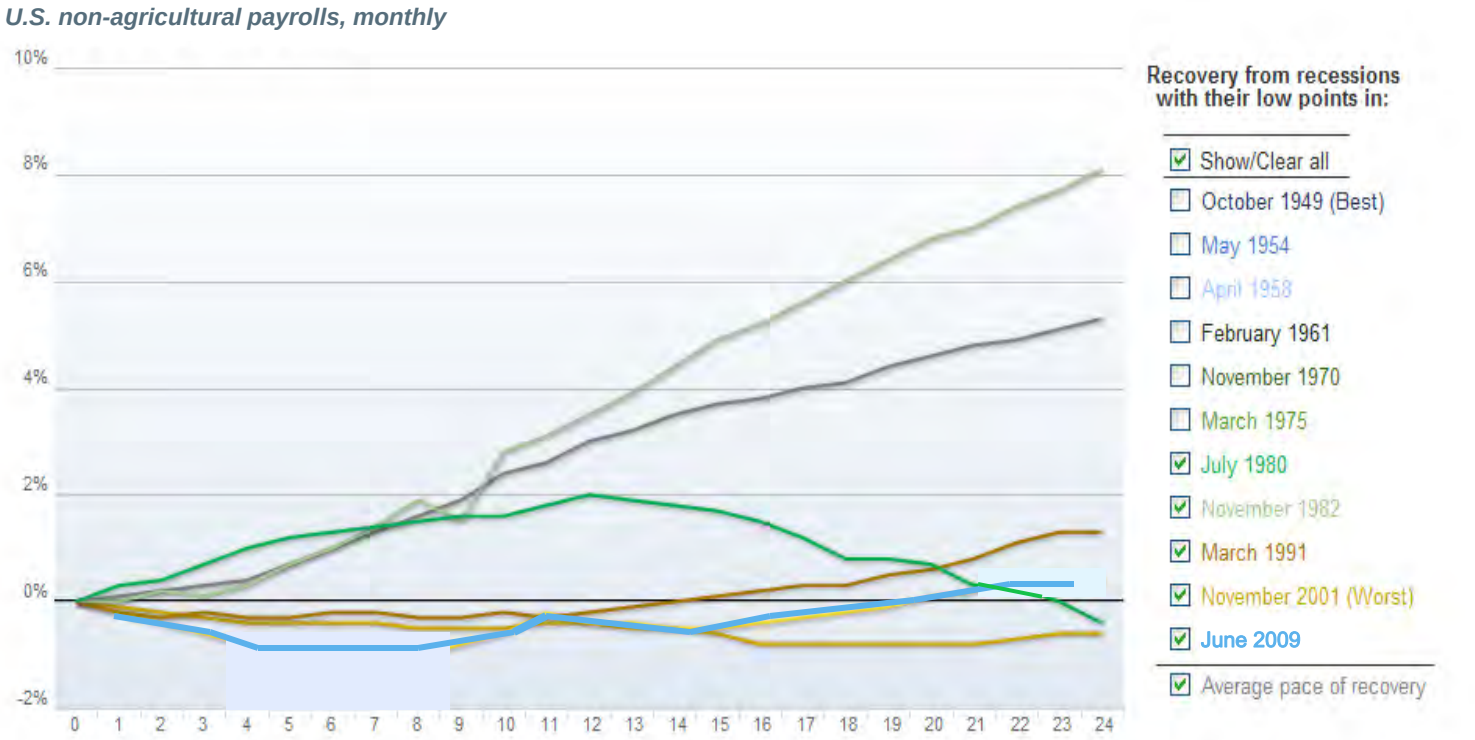


- NOTE: THE MARKET INDICATORS CONTAINED IN THE BOARD MATERIALS ARE A SUBSET OF INDICATORS RELEVANT TO FUND PERFORMANCE AND STRATEGIC PLANNING AND ARE NOT INTENDED AS THE EXCLUSIVE INDICATORS.

SOURCE: BLOOMBERG

US JOBS
(NON-AGRICULTURAL PAYROLLS)

8



Sources: Commerce Department (corporate profits, income, GDP); Federal Reserve (bank lending); Robert J. Shiller (real home prices); Labor Department (jobs); Federal Reserve Bank of St. Louis (inflation-adjusted exports and consumer spending)

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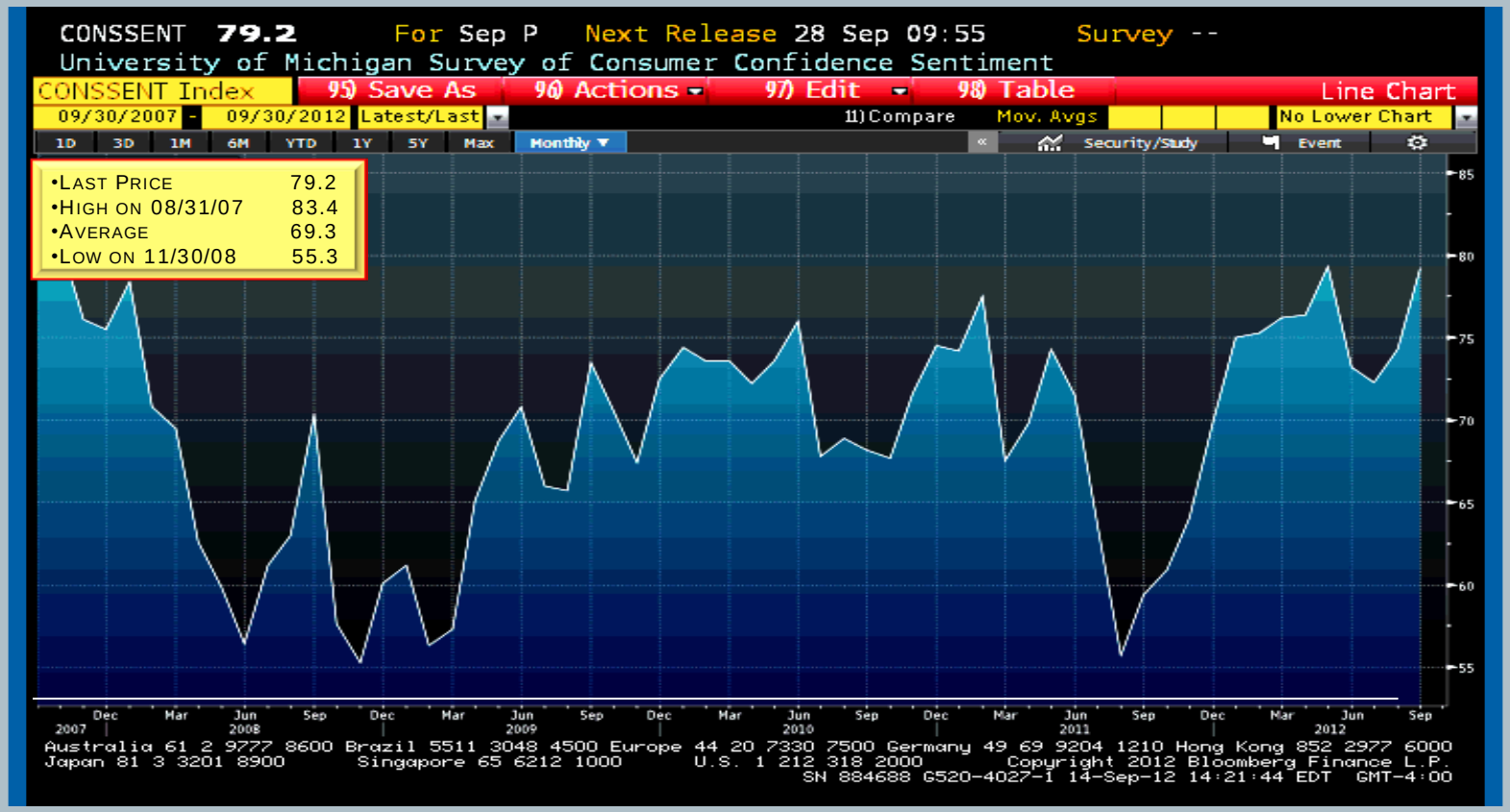
SOURCE: WSJ MARKET DATA CENTER

Consumer Sentiment

9



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Source: Bloomberg

Architectural Billings Index

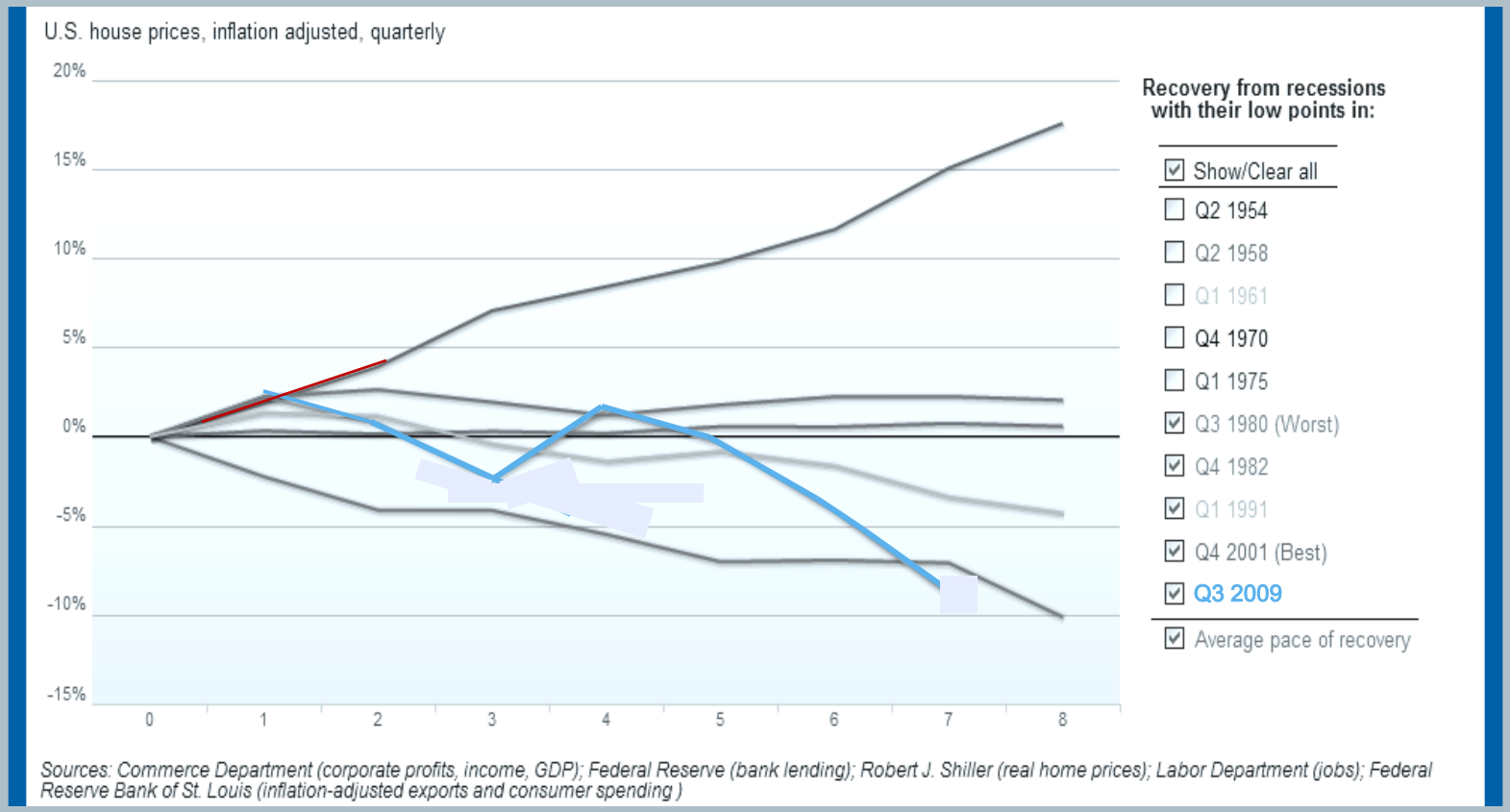
10

- 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.

Source: Bloomberg

US House Prices (Inflation Adjusted)

11



- **Notes: 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.**
- **Quarterly real home prices data began in 1953. Recovery data before 1953 are not included in rankings or averages**

Source: WSJ Market Data Center

Existing Home Sales

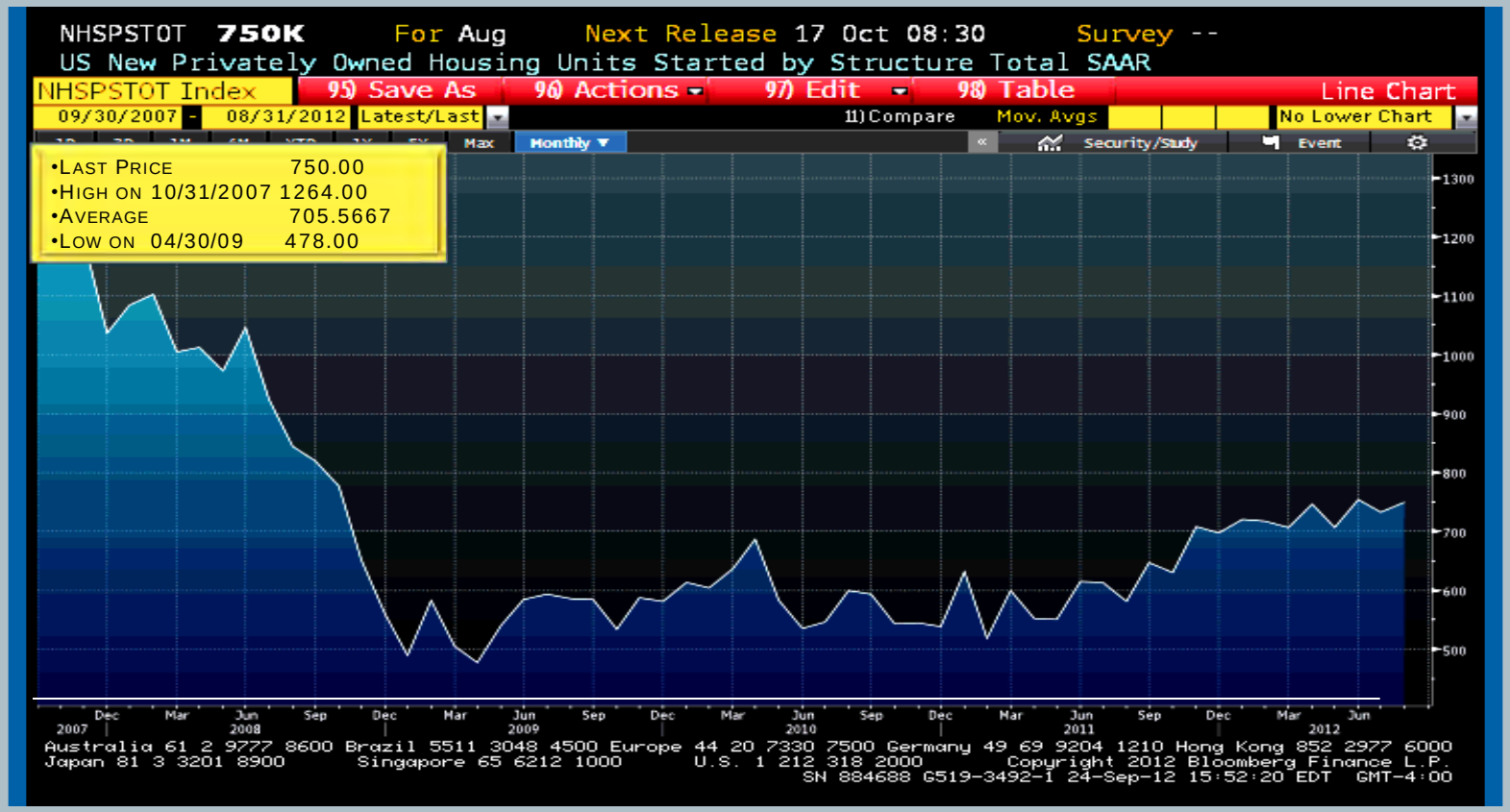
12

- **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.**

Source: Bloomberg

New Housing Starts

13



- **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.**

Source: Bloomberg

Retail Sales

14

- **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.**

Source: Bloomberg

US Auto Sales

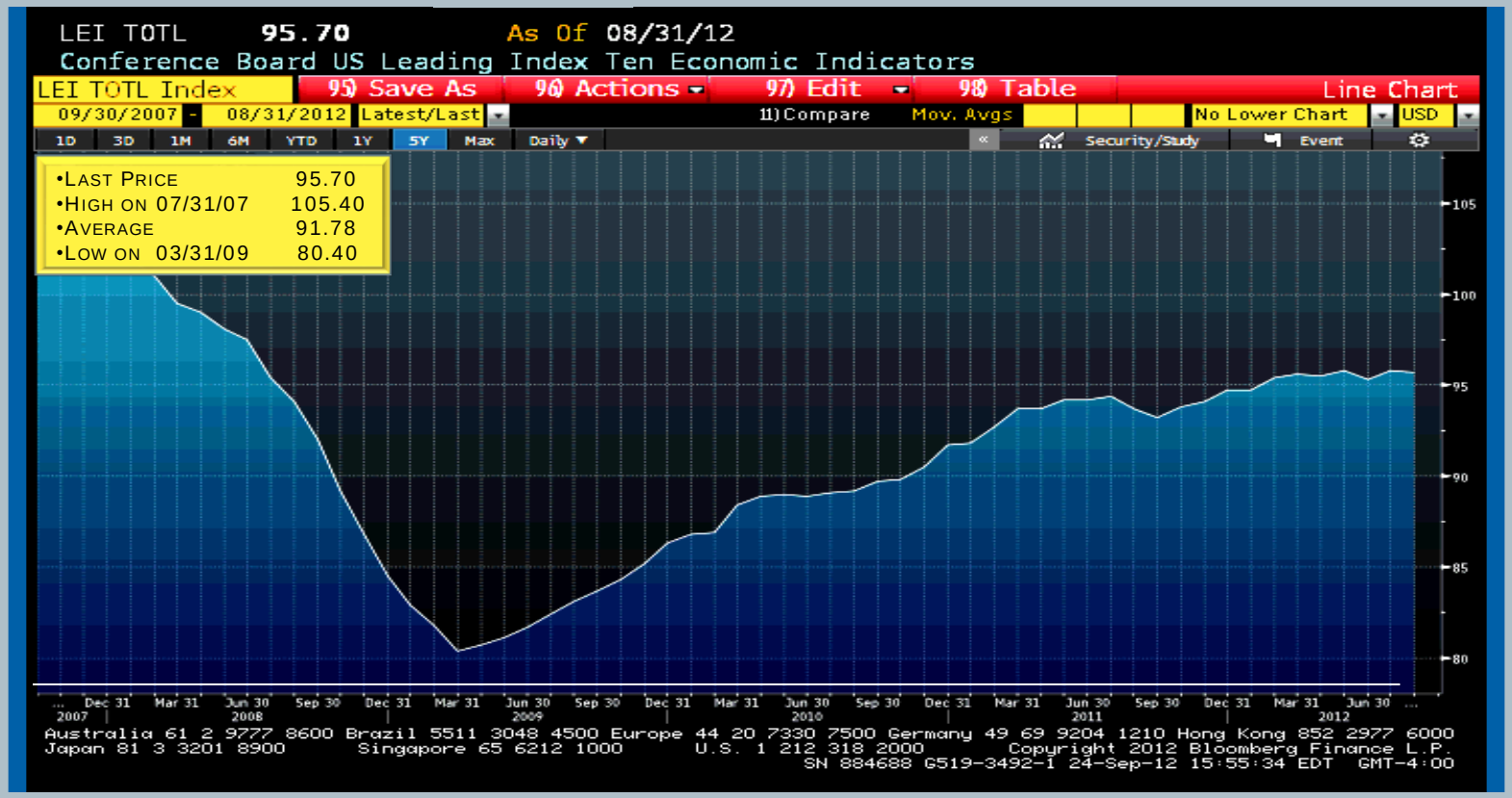
15

- **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.**

Source: Bloomberg

INDEX OF LEADING ECONOMIC INDICATORS

16

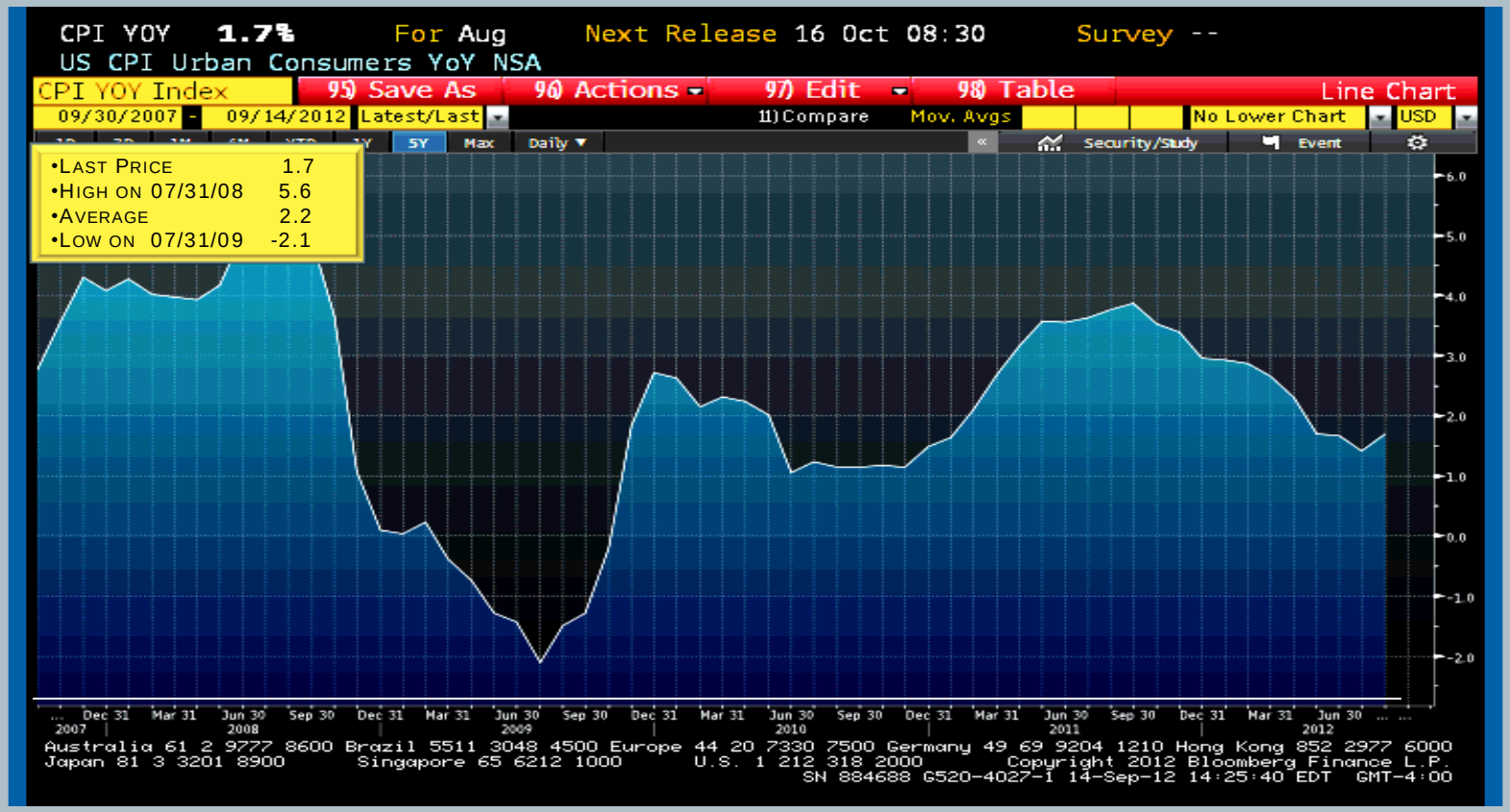


- THE INDEX OF LEI IS COMPOSED OF: AVE. WEEKLY MANUFACTURING HRS, AVE. WEEKLY JOBLESS CLAIMS, MANUFACTURERS' NEW ORDERS-CONSUMER & CAPITAL, VENDOR PERFORMANCE, NEW BUILDING PERMITS, STOCK PRICES, MONEY SUPPLY-M2, INT. RATE SPREADS & CONSUMER EXPECTATIONS
- NOTE: THE MARKET INDICATORS CONTAINED IN THE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

SOURCE: BLOOMBERG

INFLATION- CPI

17



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SOURCE: BLOOMBERG

MARKET INDICATORS

as of September 2012

NYC OFFICE OF THE COMPTROLLER
BUREAU OF ASSET MANAGEMENT

Trade Weighted US Dollar Index

19

- 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.

Source: WSJ Market Data Center

USD/EUR Exchange Rate

20

- **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.**

Source: Bloomberg

3-Month LIBOR Rates

21

- 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.

Source: Bloomberg

Volatility Index (the "VIX")

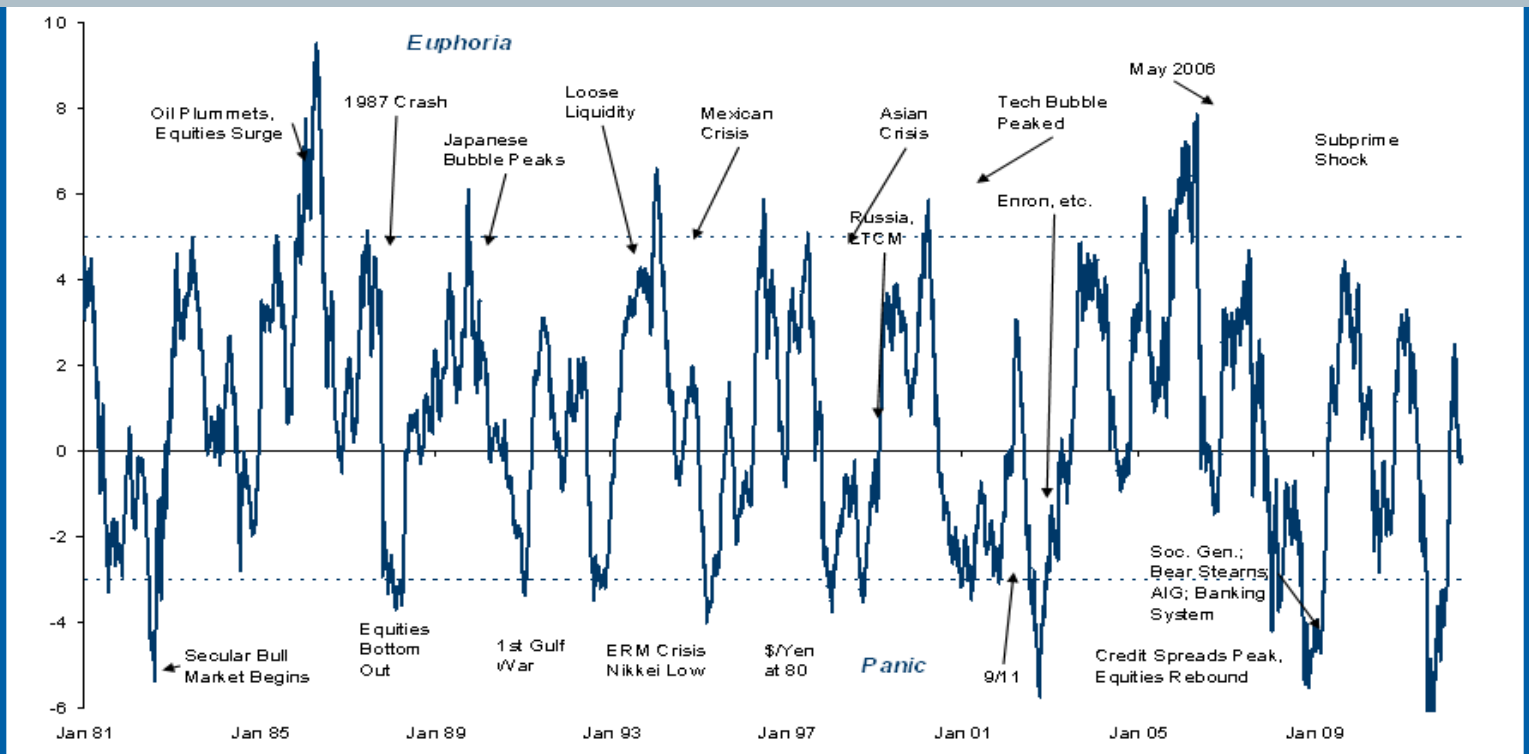
22

- **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.**

Source: Bloomberg

GLOBAL RISK APPETITE

23



Last Data Point: 08/28/2012

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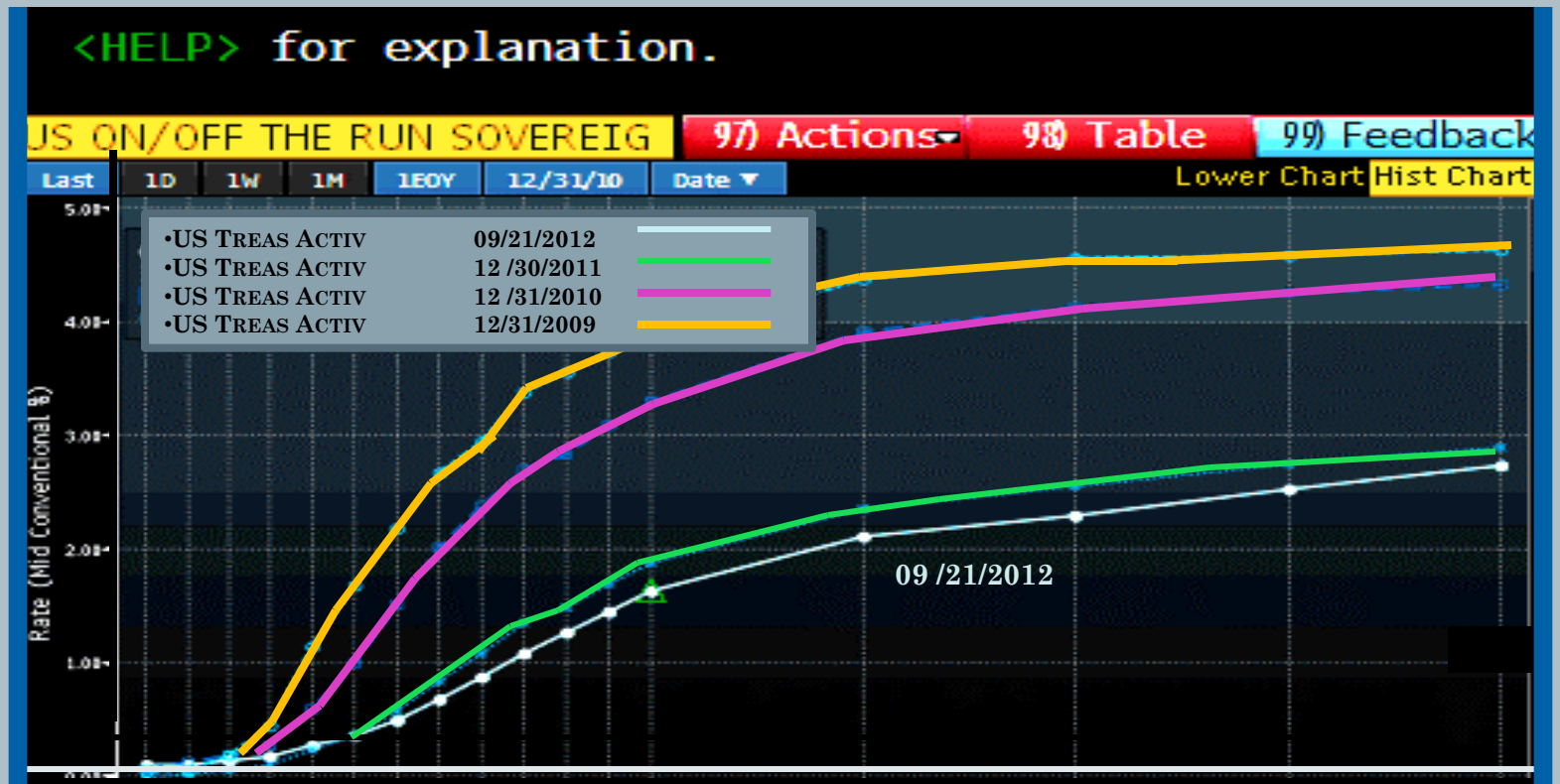
SOURCE: CS GLOBAL STRATEGY/ IDC

US Treasury Yield Curves

24



MULTIPLE HISTORICAL CURVES

- 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.

Source: Bloomberg

10 Year Treasury Rates

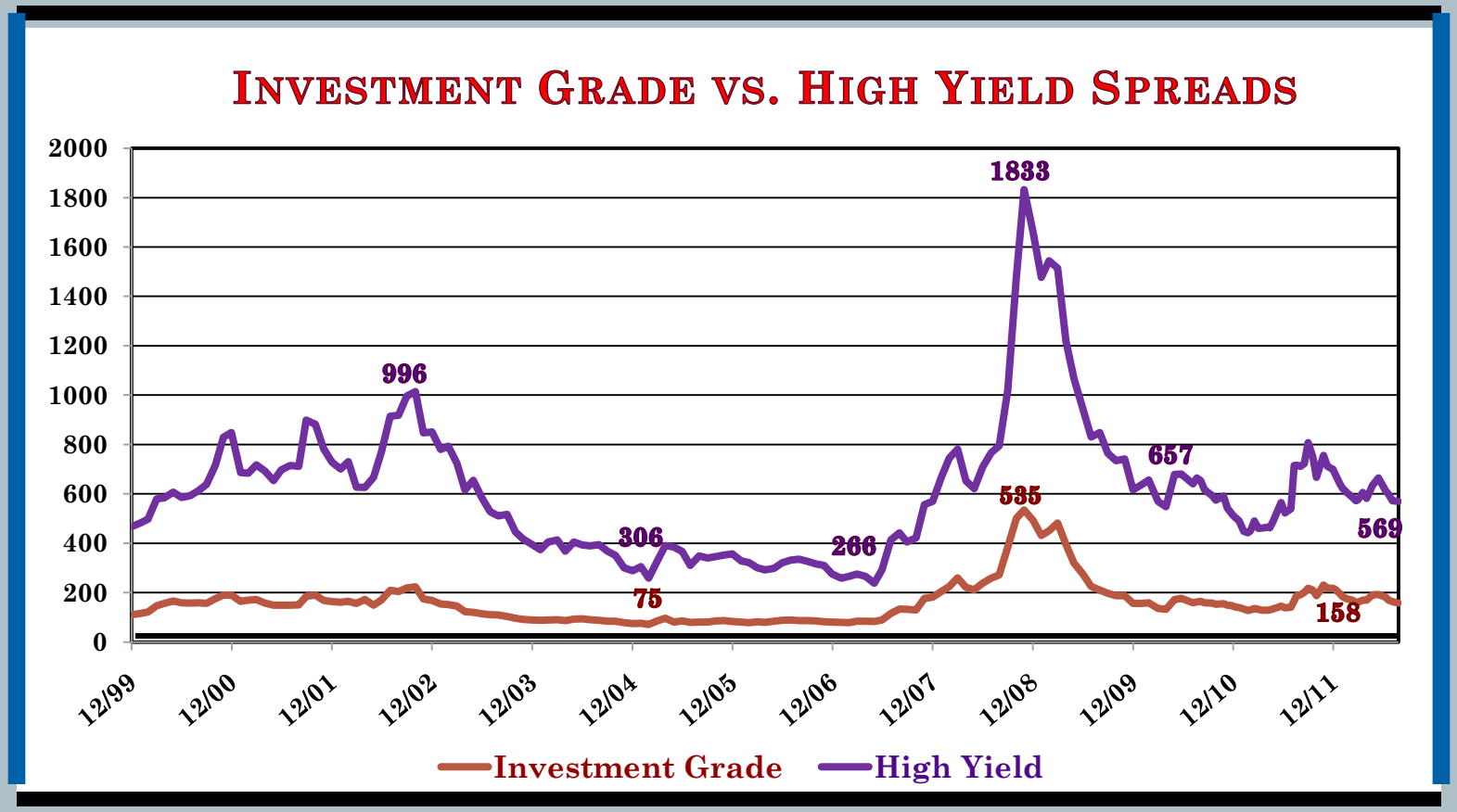
25

- 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.

Source: Bloomberg

Investment Grade and HY Spreads

26

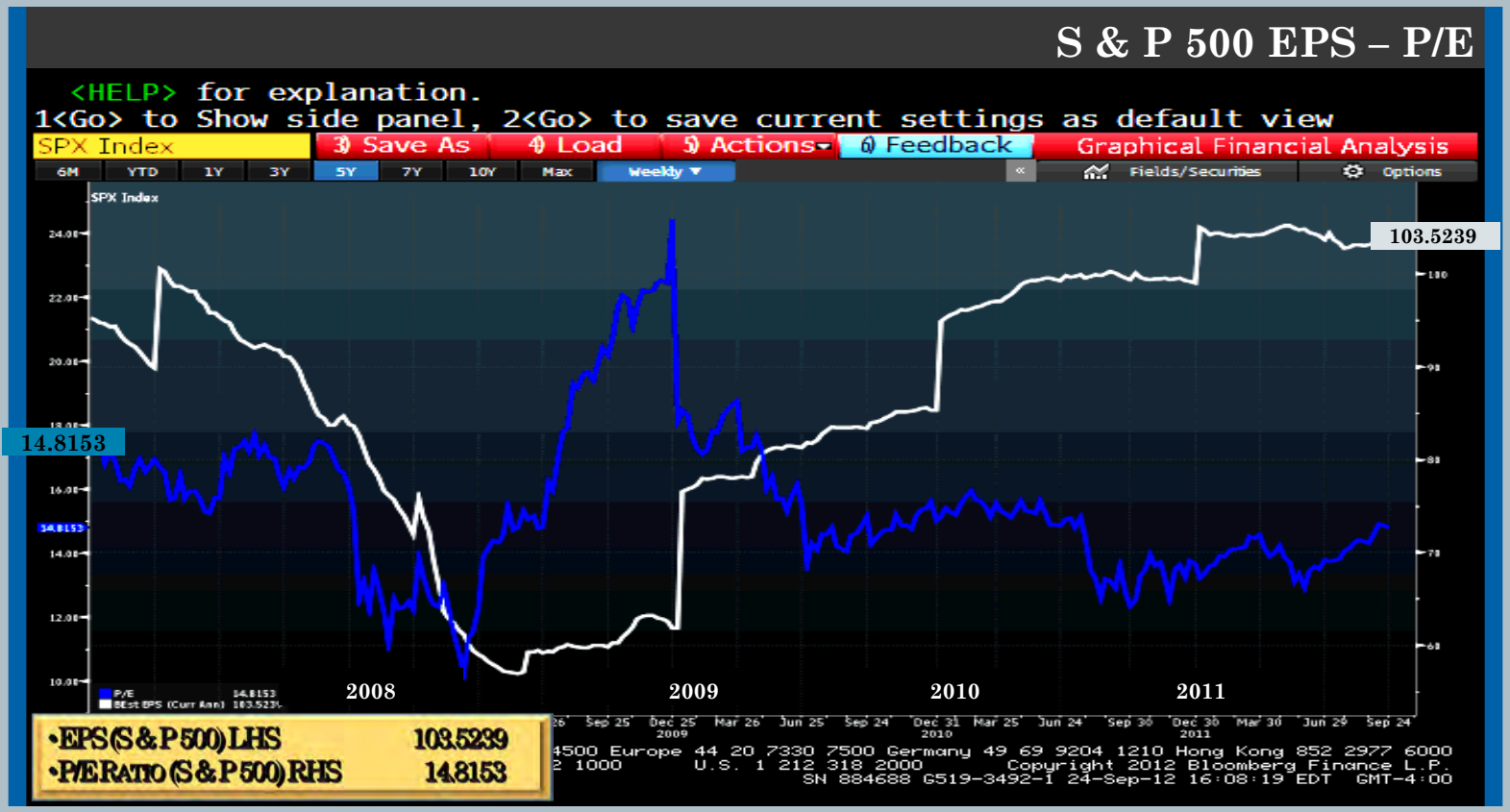


- Note: The market indicators contained in the board materials are a subset of indicators relevant to Fund performance and strategic planning and are not intended as the exclusive indicators.

Source: Barclays Capital and Taplin, Canida & Habacht, Inc.

Corporate Earnings
S & P 500 Earnings Per Share & P/E Ratio

27



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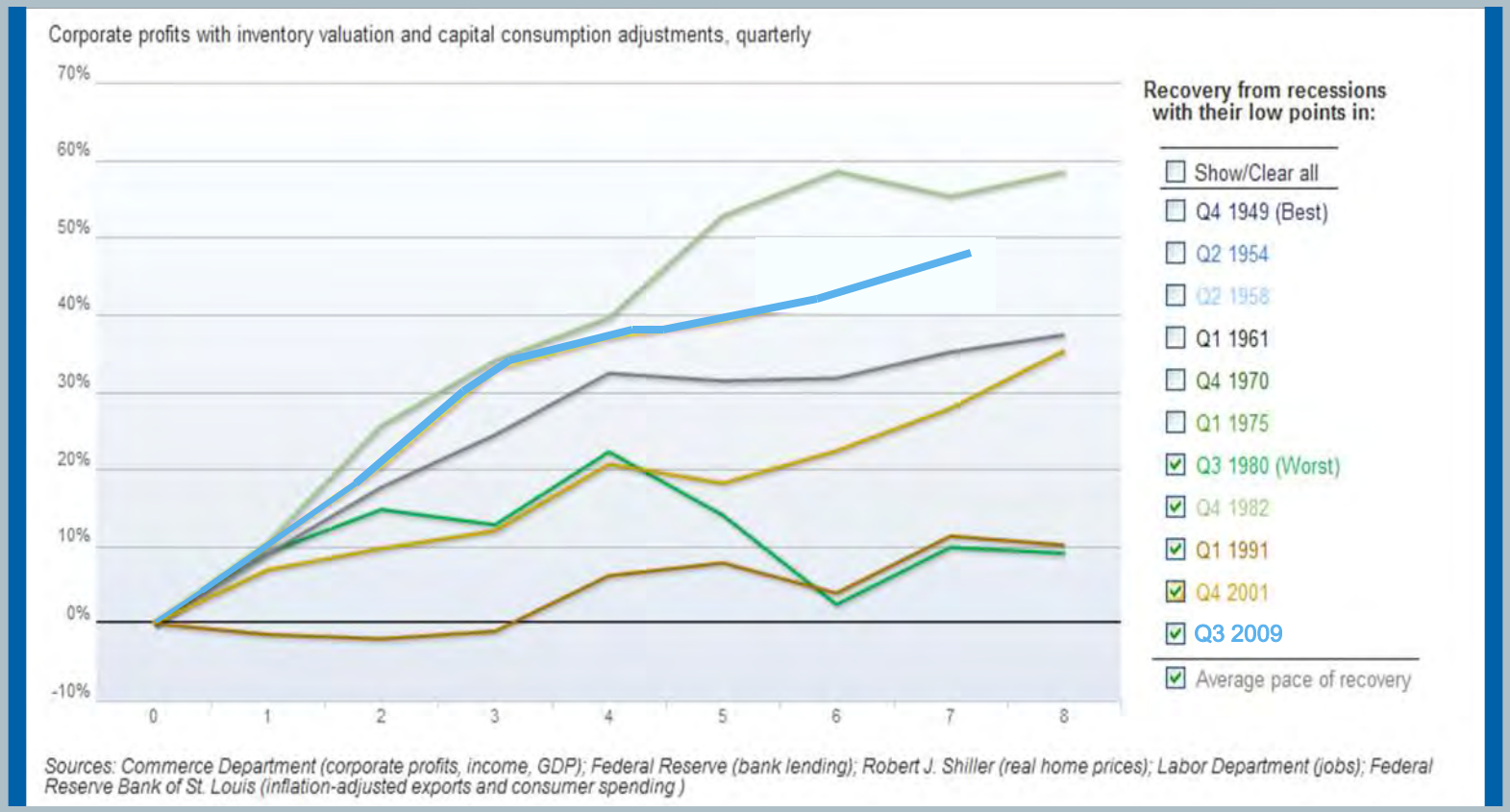
Source: Bloomberg

Corporate Profits

28



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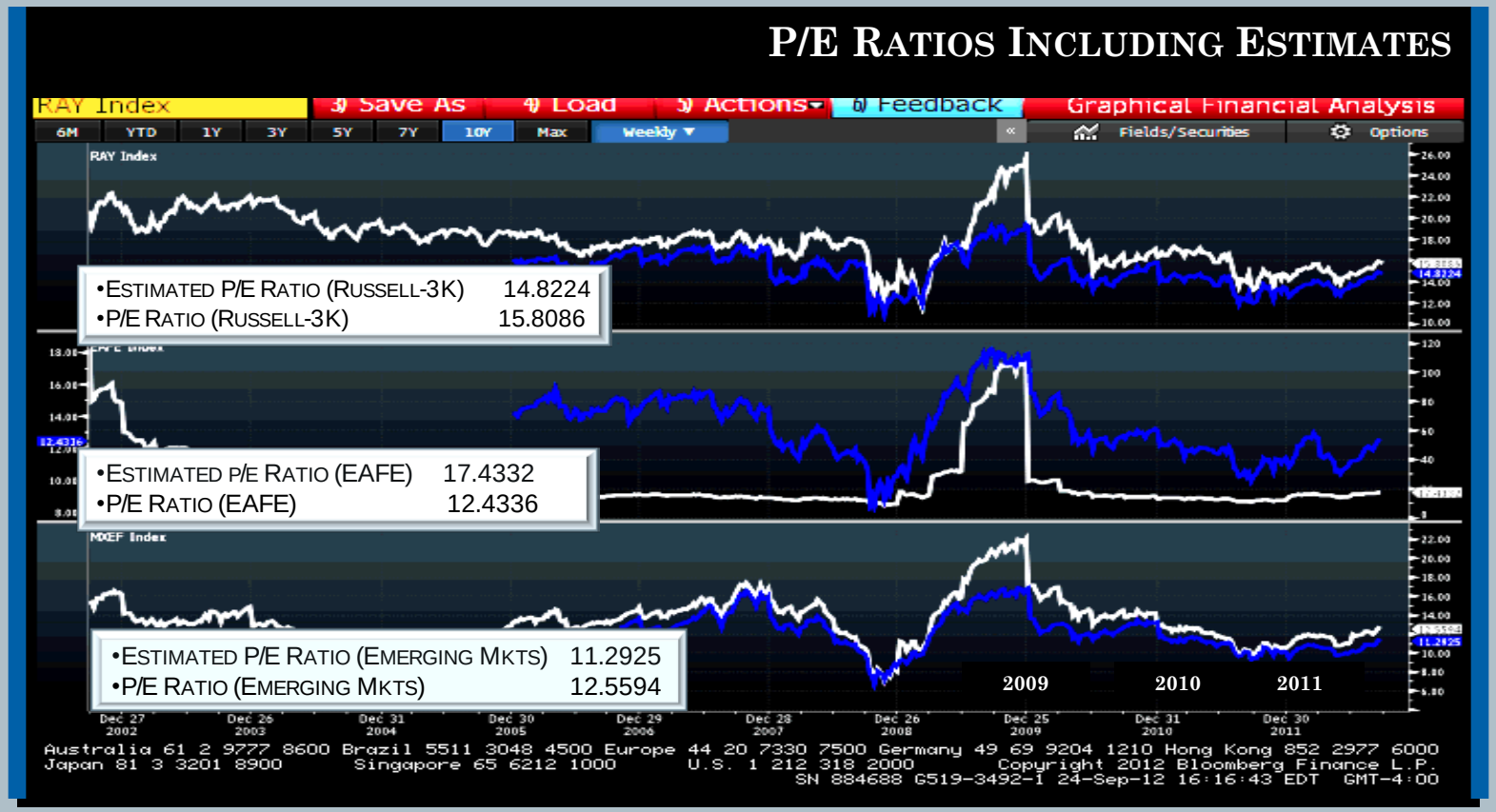
Source: WSJ Market Data Center

Price to Earning Ratios Including Estimates

29



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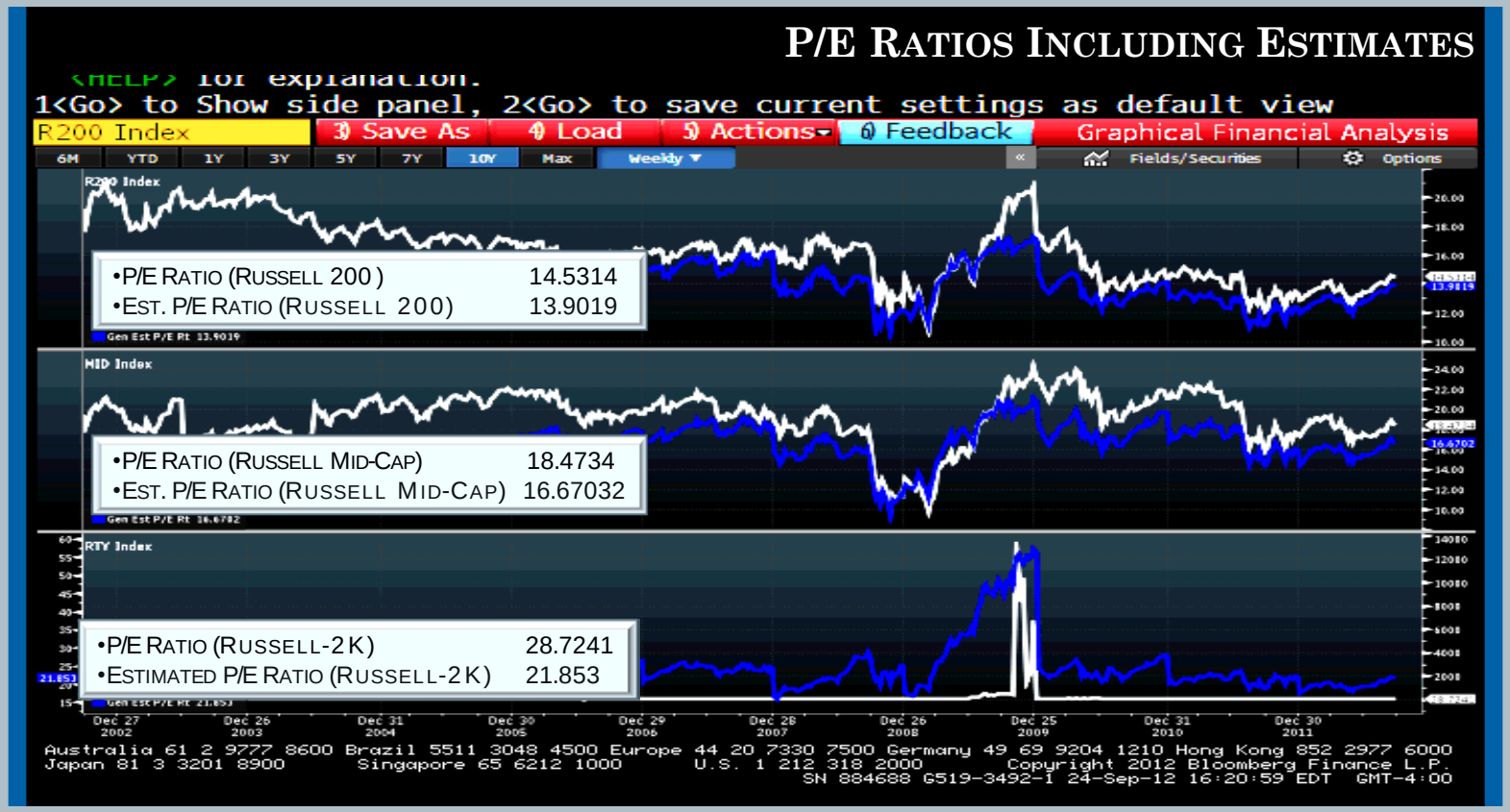
Source: Bloomberg

Price to Earning Ratios Including Estimates

30

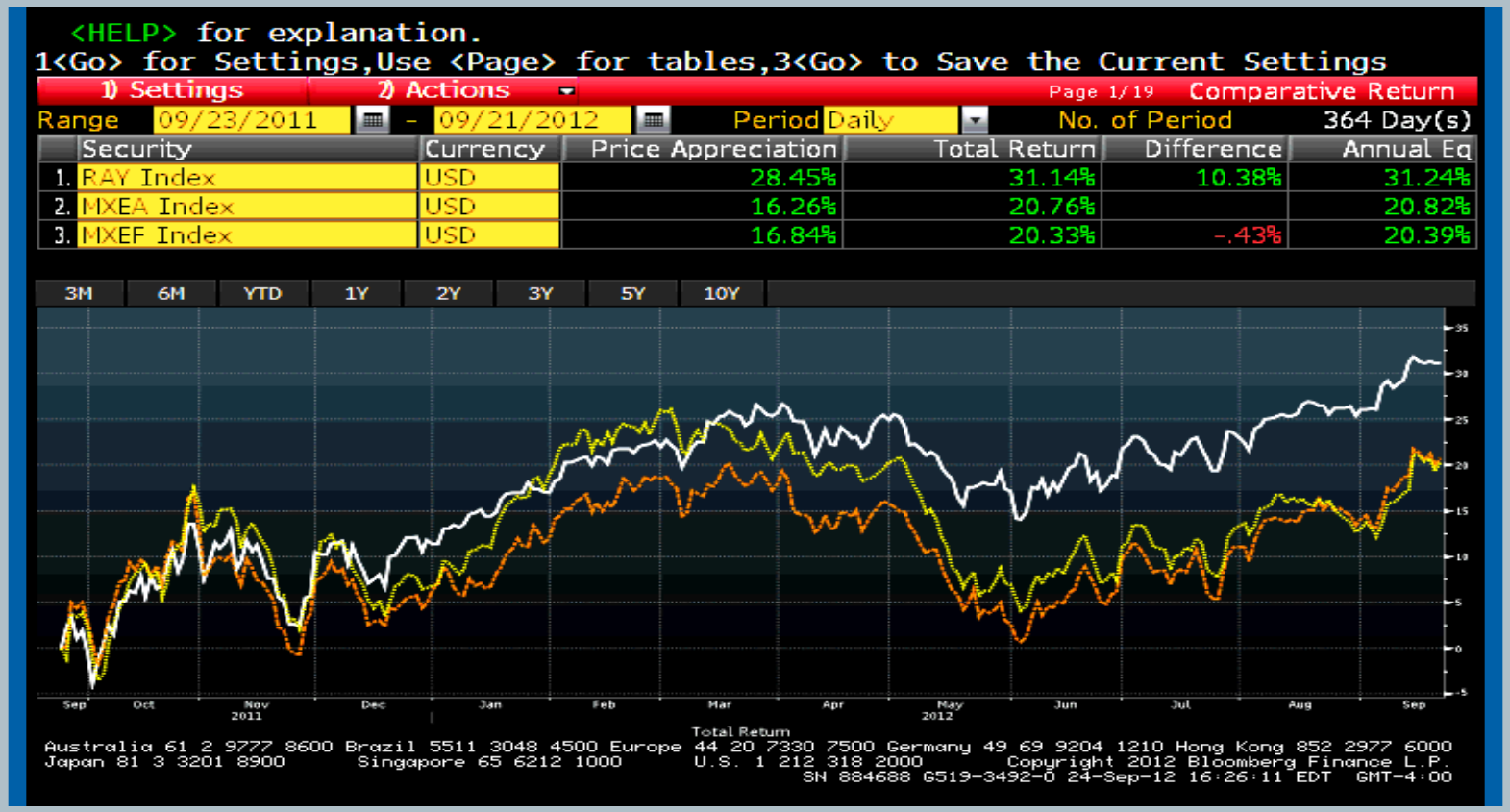


- **Note: The market indicators contained in the board materials are a subset of indicators relevant to fund performance and strategic planning and are not intended as the exclusive indicators.**

Source: Bloomberg

Recent Global Equity Market Returns

31

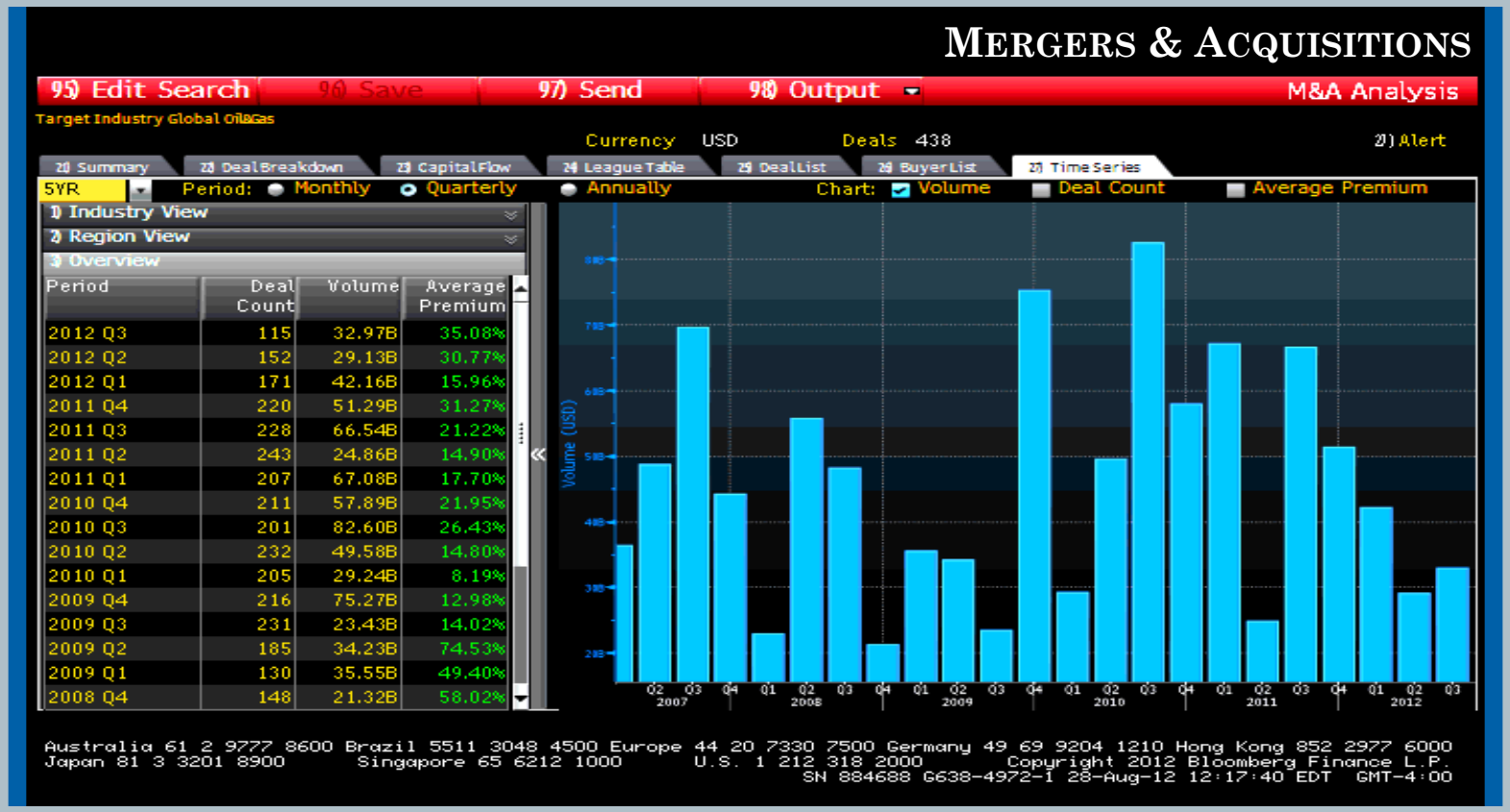


	Security	Currency	Price Appreciation	Total Return	Difference	Annual Eq
1.	RAY Index	USD	28.45%	31.14%	10.38%	31.24%
2.	MXEA Index	USD	16.26%	20.76%		20.82%
3.	MXEF Index	USD	16.84%	20.33%	-.43%	20.39%

- **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.**

Mergers & Acquisitions Activity

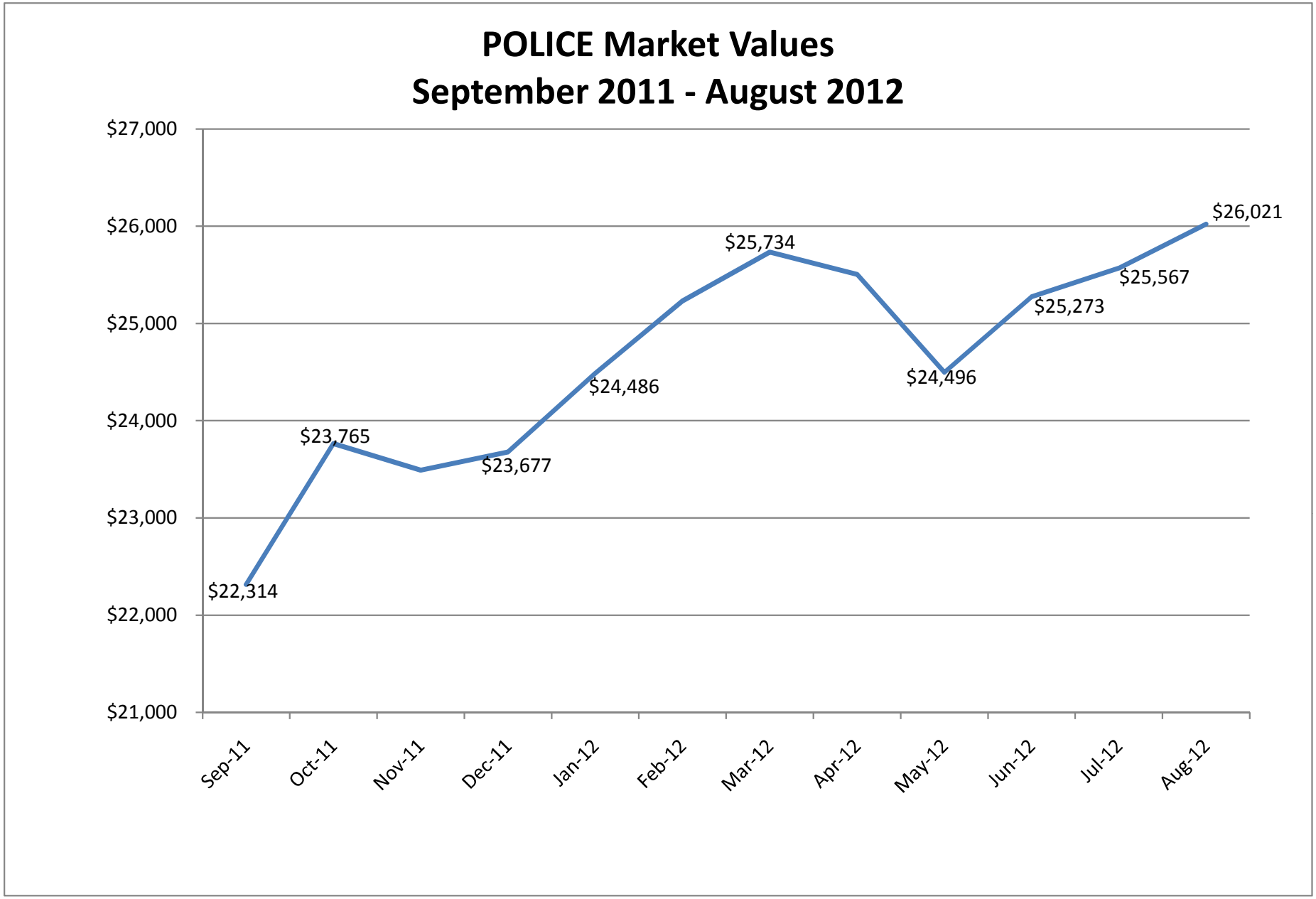
32

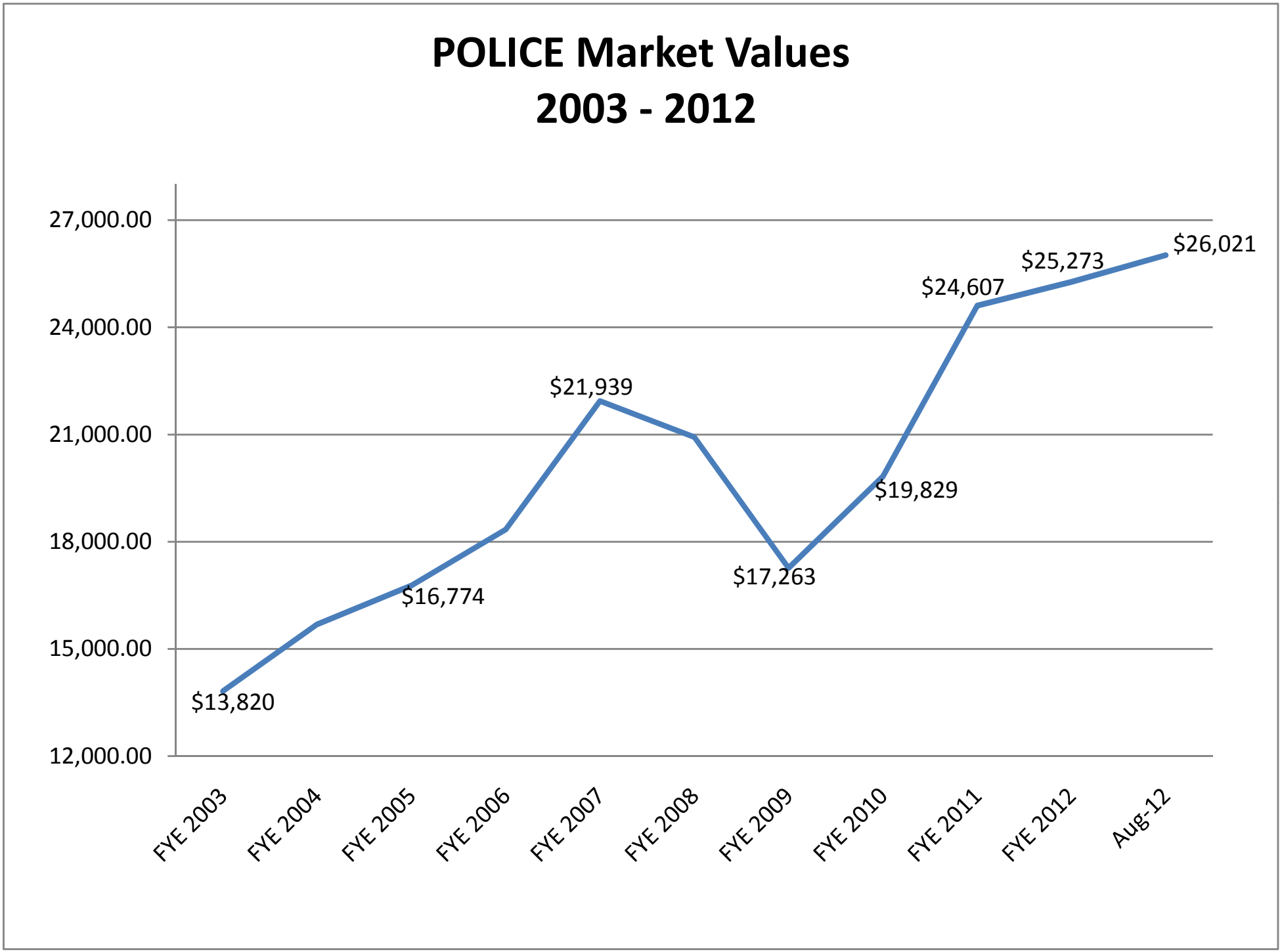


Period	Deal Count	Volume	Average Premium
2012 Q3	115	32.97B	35.08%
2012 Q2	152	29.13B	30.77%
2012 Q1	171	42.16B	15.96%
2011 Q4	220	51.29B	31.27%
2011 Q3	228	66.54B	21.22%
2011 Q2	243	24.86B	14.90%
2011 Q1	207	67.08B	17.70%
2010 Q4	211	57.89B	21.95%
2010 Q3	201	82.60B	26.43%
2010 Q2	232	49.58B	14.80%
2010 Q1	205	29.24B	8.19%
2009 Q4	216	75.27B	12.98%
2009 Q3	231	23.43B	14.02%
2009 Q2	185	34.23B	74.53%
2009 Q1	130	35.55B	49.40%
2008 Q4	148	21.32B	58.02%

- **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.**

Source: Bloomberg

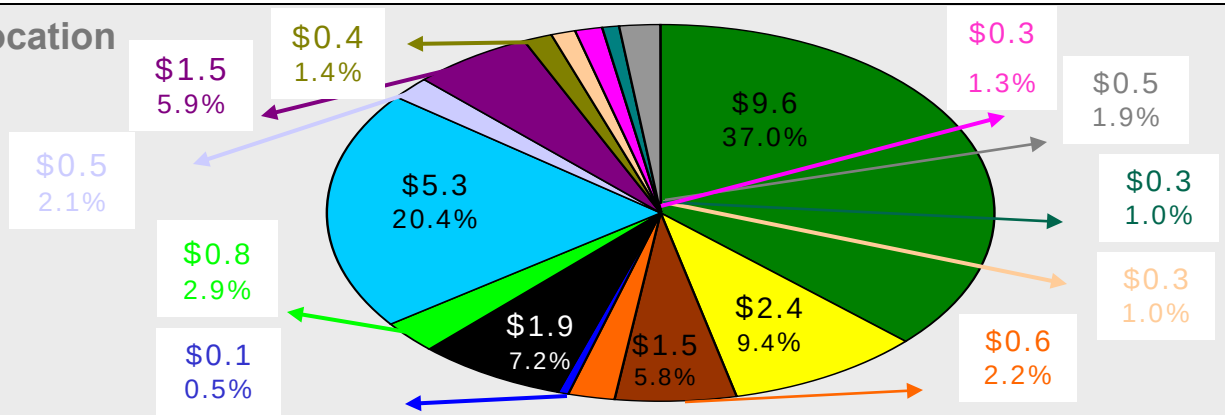

POLICE Market Values
September 2011 - August 2012
$27,000
$26,000
$25,000
$24,000
$23,000
$22,000
$21,000
$22,314
$23,765
$23,677
$24,486
$25,734
$24,496
$25,273
$25,567
$26,021
Sep-11
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12


POLICE Market Values
2003 - 2012
27,000.00
24,000.00
21,000.00
18,000.00
15,000.00
12,000.00
$13,820
$16,774
$21,939
$17,263
$19,829
$24,607
$25,273
$26,021
FYE 2003
FYE 2004
FYE 2005
FYE 2006
FYE 2007
FYE 2008
FYE 2009
FYE 2010
FYE 2011
FYE 2012
Aug-12

Portfolio Asset Allocation: August 31, 2012

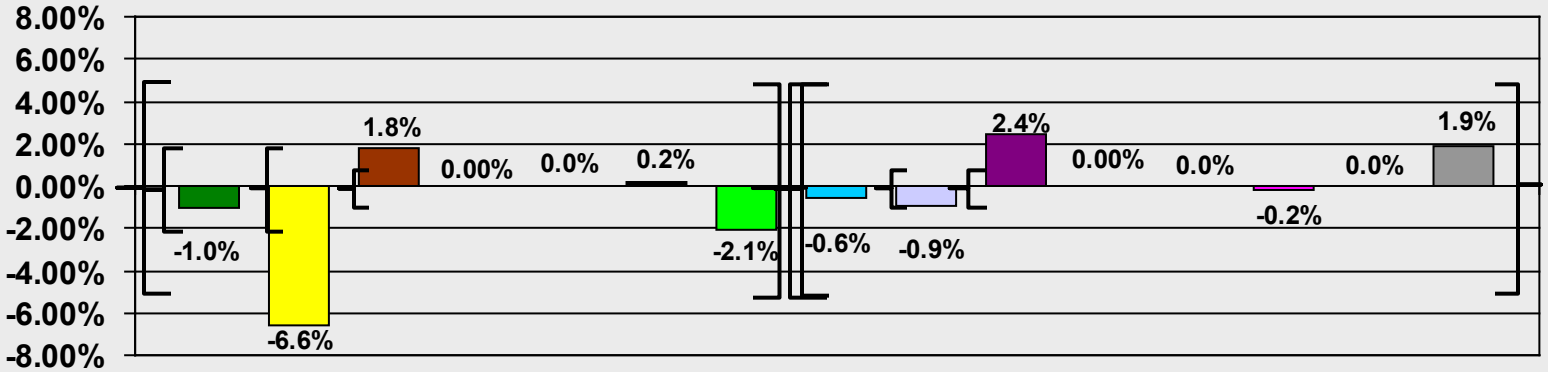
$26 B Under Management

Asset Allocation



Dom Equity | EAFE Mkts | Emerg Mkts | Hedge Funds | REITS | Private Eq | Private RE
Core +5 | TIPS | Enhanced Yield | Bank Loans | Convertible Bonds | Opportunistic FI | ETI | Cash

Relative Mix to Old Policy Weights

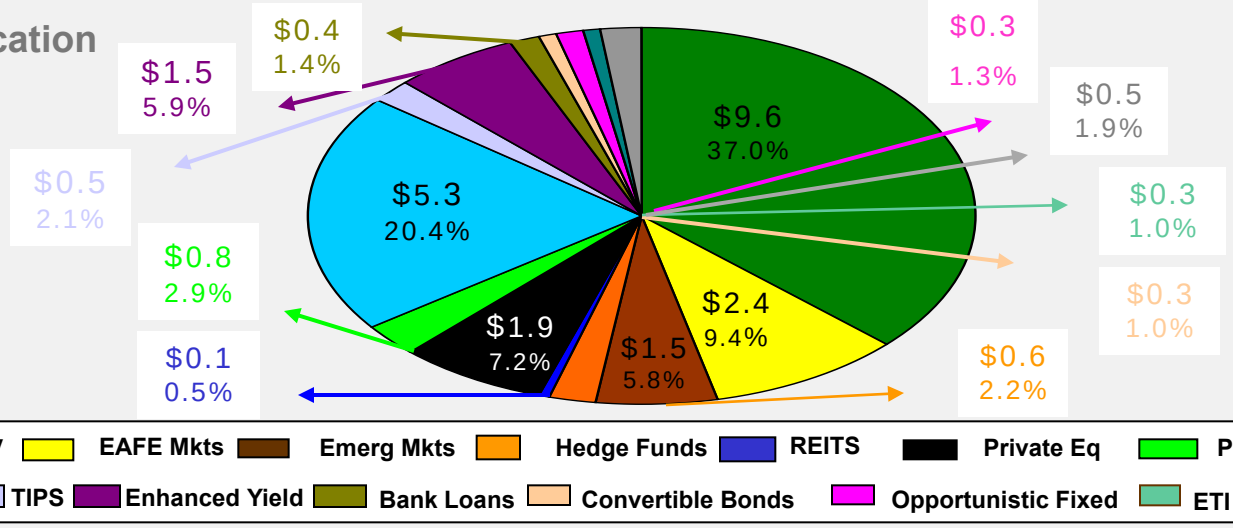


Note: Brackets represent rebalancing ranges versus Policy.

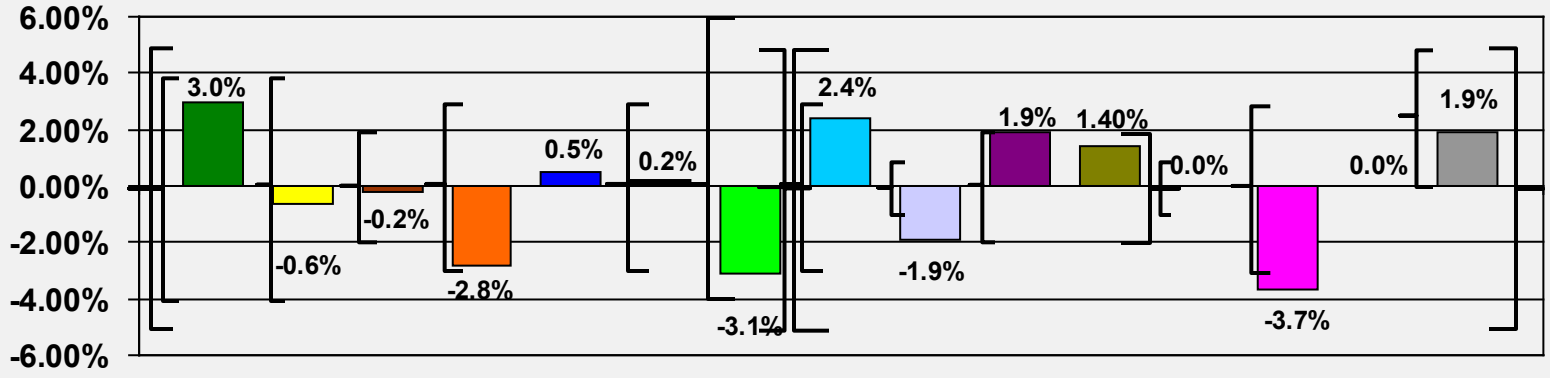
Portfolio Asset Allocation: August 31, 2012

$26 B Under Management

Asset Allocation



Relative Mix to New Policy Weights

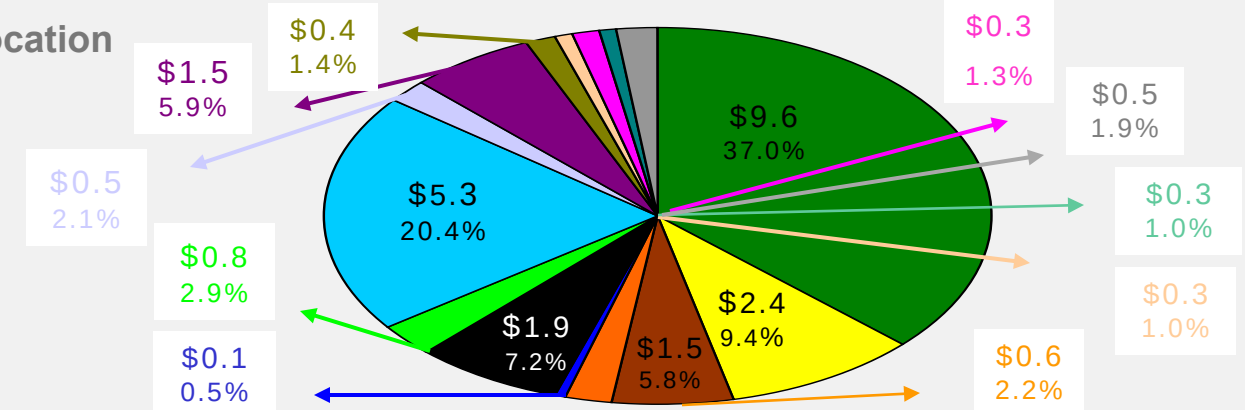


Note: Brackets represent rebalancing ranges versus Policy.

Portfolio Asset Allocation: August 31, 2012

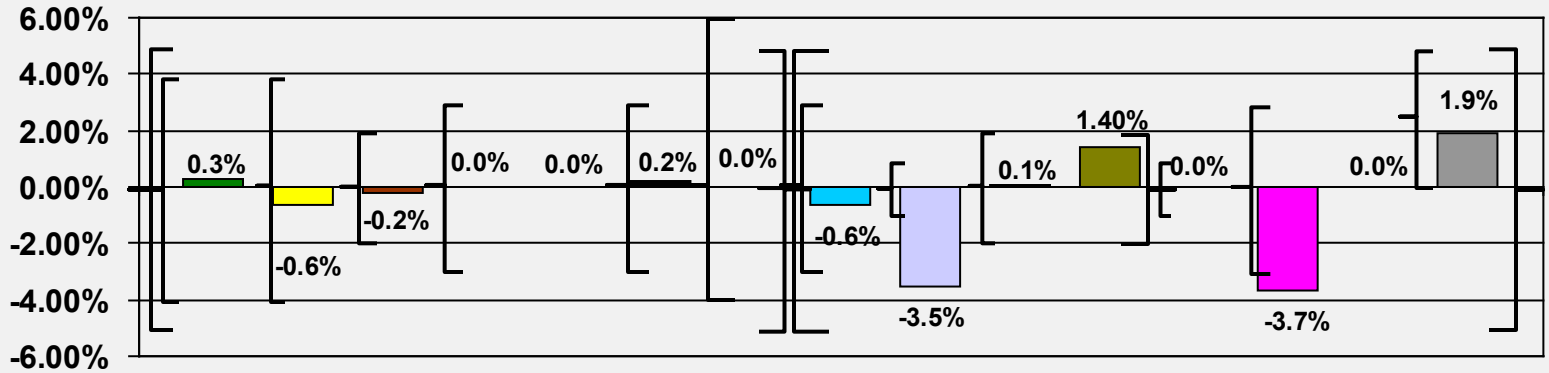
$26 B Under Management

Asset Allocation



Dom Equity | EAFE Mkts | Emerg Mkts | Hedge Funds | REITS | Private Eq | Private RE
Core +5 | TIPS | Enhanced Yield | Bank Loans | Convertible Bonds | Opportunistic Fixed | ETI | Cash

Relative Mix to Adjusted New Policy Weights



Note: Brackets represent rebalancing ranges versus Policy.

NYC POLICE PENSION FUND

CLASSIFICATION OF INVESTMENTS

(as of August 31st 2012)

ASSET CLASS ALLOCATIONS

	In $MM	Actual	Policy Target	*Adjustment*	*Adjusted Policy*	*Adjusted Target Range* ***
TOTAL EQUITIES	$16,922.9	65.0%	68.0%	*NA*	*65.3%*	*60.3% - 70.3%*
TOTAL FIXED INCOME	$9,097.9	35.0%	32.0%	*NA*	*34.7%*	*29.7% - 39.7%*
TOTAL ASSETS	$26,020.8	100.0%	100.0%	*NA*	*100.0%*	

	In $MM	Actual	Policy Target	*Adjustment*	*Adjusted Policy*	*Adjusted Target Range* ***
US Equities	$9,627.2	37.0%	34.0%	*2.7%*	*36.7%*	*32.7% - 40.7%*
Non-US Equities/EAFE	$2,433.1	9.4%	10.0%	*NA*	*10.0%*	*6.0% - 14.0%*
Emerging Markets	$1,517.2	5.8%	6.0%	*NA*	*6.0%*	*4.0% - 8.0%*
Real Estate Investment Trusts	$136.4	0.5%	0.0%	*0.5%*	*0.5%*	*0.5%*
TOTAL PUBLIC EQUITY	$13,713.9	52.7%	50.0%	*3.2%*	*53.2%*	
HEDGE FUNDS	$576.1	2.2%	5.0%	*NA*	*2.2%*	*2.0% - 8.0%*
**PRIVATE REAL ESTATE*	$754.1	2.9%	6.0%	*NA*	*2.9%*	*2.0% - 12.0%*
**PRIVATE EQUITY*	$1,878.9	7.2%	7.0%	*NA*	*7.0%*	*4.0% - 10.0%*
TOTAL EQUITIES	$16,922.9	65.0%	68.0%	*NA*	*65.3%*	*60.3% - 70.3%*

		In $MM	Actual	Policy Target	*Adjustment*	*Adjusted Policy*	*Adjusted Target Range* ***
Core +5	US - Government	$810.6	3.1%	18.0%	*NA*	*21.0%*	*18.0% - 24.0%*
	US - Mortgage	$2,344.0	9.0%		*NA*		
	US - Investment Grade Credit	$2,038.1	7.8%		*NA*		
	TOTAL CORE + 5	$5,294.3	20.3%	18.0%	*3.0%*	*21.0%*	*18.0% - 24.0%*
	TIPS	$538.7	2.1%	4.0%	*1.6%*	*5.6%*	*4.6% - 6.6%*
	High Yield	$1,546.0	5.9%	4.0%	*1.8%*	*5.8%*	*3.8% - 7.8%*
	Bank Loans	$369.7	0.0%	0.0%	*NA*	*0.0%*	*0.0% - 1.9%*
	Convertible Bonds	$247.0	0.9%	1.0%	*NA*	*1.0%*	*0.0% - 2.0%*
	**ETI	$267.2	1.0%	**2.0%	*NA*	** *1.1%*	** *1.1%*
	Cash	$495.3	1.9%	0.0%	*NA*	*0.0%*	*0.0% - 5.0%*
	TOTAL PUBLIC FIXED INCOME	$8,758.2	33.7%	27.0%	*NA*	*33.4%*	
	**OPPORTUNISTIC FIXED INCOME*	$339.7	1.3%	5.0%	*NA*	*1.3%*	*1.0% - 8.0%*
	TOTAL FIXED INCOME	$9,097.9	35.0%	32.0%	*NA*	*34.7%*	29.7% - 39.7%

* 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: +/-4%; Emerging Markets: +/-2%; Hedge Funds: +/-3%; Real Estate: +6/-4%; Private Equity: +/-3%; Core +5: +/-3%; TIPS: +/-1%; High Yield: +/-2%; Bank Loans: up to 1/3 of High Yield; Convertible Bonds: +/-1%; Cash: 0-5%; OFI: +3%/-4%.

NYC POLICE PENSION FUND

CLASSIFICATION OF INVESTMENTS

(as of August 31st 2012)

Adjustments to Long-Term Asset Allocation

1) **Private Equity**
   80% of uninvested commitments will be invested in Domestic Equity and 20% of uninvested commitments will be invested in International Equity.

2) **Real Estate**
   33% of uninvested commitments will be invested in Domestic Equity, 17% of uninvested commitments will be invested in REITs and 50% of uninvested commitments will be invested in TIPS.

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**
   60% of uninvested commitments will be invested in Domestic Equity and 40% of uninvested commitments will be invested in Fixed Income Core +5.

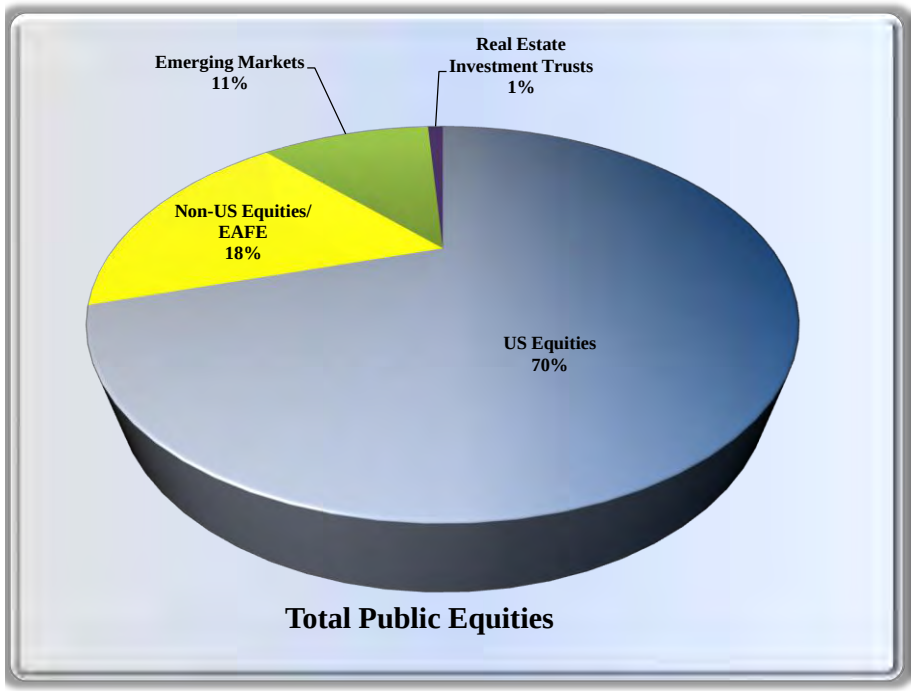
Impact of Adjustments

1) **Core +5 Policy Target %**	**18.0%**
Adjustment: 50% of uninvested Opportunistic Fixed Income	1.8%
Adjustment: 40% of uninvested Hedge Funds	1.1%
Adjusted Core+5 Policy Target %	**21.0%**
2) **High Yield Policy Target %**	**4.0%**
Adjustment: 50% of uninvested Opportunistic Fixed Income	1.8%
Adjusted High Yield Policy Target %	**5.8%**
3) **Domestic Equity Policy Target %**	**34.0%**
Adjustment: 33% of uninvested Real Estate	1.0%
Adjustment: 60% of uninvested Hedge Funds	1.7%
Adjusted Domestic Equity Policy Target %	**36.7%**
4) **Real Estate Investment Trusts Policy Target %**	**0.0%**
Adjustment: 17% of uninvested Real Estate	0.5%
Adjusted Real Estate Investment Trusts Policy Target %	**0.5%**
5) **TIPS Policy Target %**	**4.0%**
Adjustment: 50% of uninvested Real Estate	1.6%
Adjusted TIPS Policy Target %	**5.6%**

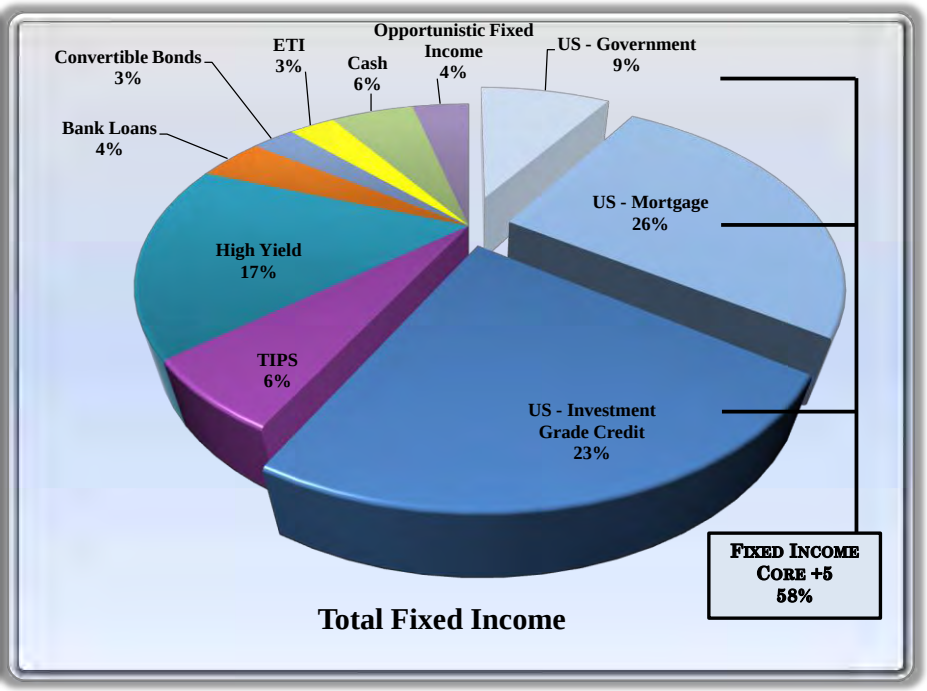
NYC POLICE PENSION FUND

CLASSIFICATION OF INVESTMENTS

(as of August 31st 2012)



Total Public Equities

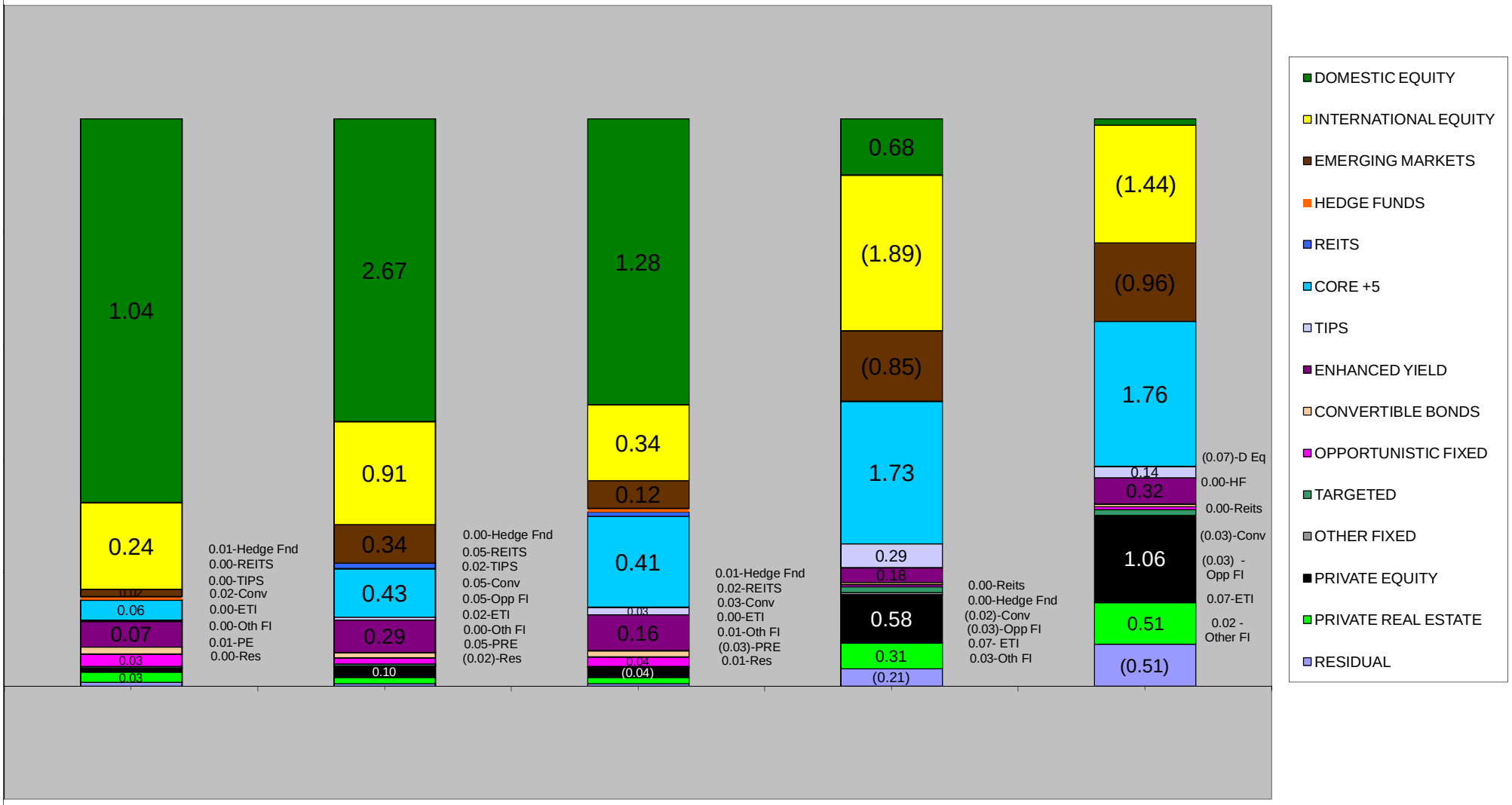


Total Fixed Income

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Market Indicator Page *NYC Police Pension Fund
August 31, 2012

	Trailing 1 Month	Trailing 3 Months	06/30/12 08/31/12	Trailing 1 Year	Trailing* 2 Years	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years
MARKET INDICATORS								
STANDARD & POORS 500	2.25	7.94	3.67	18.00	18.24	13.62	1.28	6.50
S&P MIDCAP INDEX 400	3.48	5.39	3.43	12.75	17.70	15.73	3.97	9.63
RUSSELL 1000	2.43	7.61	3.64	17.33	18.18	13.82	1.47	6.85
RUSSELL 2000	3.33	6.99	1.91	13.40	17.70	13.88	1.90	9.00
RUSSELL 3000	2.50	7.57	3.51	17.03	18.14	13.82	1.50	7.01
RUSSELL 3000 GROWTH	2.76	6.90	3.89	17.01	20.56	15.58	3.62	7.19
RUSSELL 3000 VALUE	2.24	8.25	3.14	17.05	15.78	12.10	-0.72	6.70
MSCI EAFE (NET DIVIDEND)	2.69	11.13	3.85	-0.04	4.86	2.40	-4.81	6.67
MSCI EMERGING MARKETS FREE	-0.29	5.70	1.73	-5.48	1.69	6.96	-0.06	15.35
FTSE CUSTOM BENCHMARK	0.34	6.38	2.60	-4.46	3.00	9.03	1.42	****
MSCI WORLD INDEX	2.59	9.28	3.93	8.77	11.86	8.50	-1.19	7.06
MSCI EUROPE SMID CAP INDEX	4.57	11.78	5.44	-1.14	6.41	4.83	-5.38	****
1 YEAR TREASURY BILL YIELD + 4%	0.35	1.09	0.78	****	****	****	****	****
HFRI FUND OF FUNDS COMPOSITE INDEX + 1%	0.69	1.22	1.51	****	****	****	****	****
NYC - TREASURY AGENCY PLUS FIVE	-0.33	0.96	1.65	10.89	8.56	10.17	9.56	7.15
CITIGROUP MORTGAGE	0.10	0.98	0.89	3.69	4.37	5.29	6.54	5.35
NYC - INVESTMENT GRADE CREDIT INDEX	0.30	3.57	3.03	9.63	7.03	8.86	7.61	6.51
NYC - CORE PLUS FIVE	0.08	1.94	1.86	7.39	6.22	7.59	7.70	6.21
CITIGROUP BROAD INVESTMENT GRADE	0.08	1.53	1.48	5.76	5.11	6.37	6.82	5.61
BARCLAYS CAPITAL AGGREGATE	0.07	1.49	1.45	5.78	5.19	6.51	6.66	5.48
CITIGROUP BB & B	1.05	5.09	2.95	13.86	11.11	13.19	7.25	9.04
BofA MERRILL LYNCH HY MASTER II	1.21	5.24	3.15	13.05	10.60	14.27	9.28	10.45
BARCLAYS CAPITAL GLOBAL US TIPS (INFLATION NOTES)	-0.29	1.04	1.60	8.29	9.53	9.88	8.12	6.85
BofA ML ALL CONVERTIBLES EX MANDATORY	2.15	4.99	2.77	9.02	9.53	11.02	4.09	****
DJ WILSHIRE REAL ESTATE SECURITIES INDEX	-0.24	7.20	1.58	19.39	19.59	24.01	2.61	11.16
NCREIF NFI-ODCE NET	0.00	2.29	0.00	11.31	15.25	7.37	-1.81	****
91 DAY TREASURY BILL	0.01	0.03	0.02	0.06	0.10	0.12	0.80	1.84

NYC Police Pension Fund Contribution to Return - August 2012



1 Month - Total Fund Return: 1.53%	3 Months - Total Fund Return: 4.96%	FYTD - Total Fund Return: 2.39%	Fiscal Year Ending 6/30/12 Total Fund Return: 0.87%	Calendar Year Ending 2011 Total Fund Return: 0.84%

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Police Pension Fund
August 31, 2012

	Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/12	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Calendar Yr Ending 2008	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
ASSET CLASS SUMMARY																
DOMESTIC EQUITY	$ 9,627.2	37.00%	2.84%	7.11%	3.45%	12.66%	1.69%	-0.20%	18.02%	28.69%	-37.21%	15.81%	13.56%	1.41%	7.02%	10.52%
INTERNATIONAL EAFE	2,433.1	9.35%	2.54	10.08	3.65	6.69	-13.83	-12.12	9.65	33.28	-44.48	0.05	3.22	-4.48	****	4.30
EMERGING MARKETS	1,517.2	5.83%	0.33	5.80	2.11	5.45	-17.25	-19.93	19.76	82.60	-56.30	-6.98	6.46	-1.17	16.23	8.22
HEDGE FUNDS	576.1	2.21%	0.38	-0.06	0.64	1.63	-2.03	****	****	****	****	-1.87	****	****	****	-1.20
REAL ESTATE SECURITIES	136.4	0.52%	0.16	9.12	4.01	****	****	****	****	****	****	****	****	****	****	9.12
CORE + 5	5,192.8	19.96%	0.27	2.15	2.01	5.61	9.29	8.88	8.50	8.82	3.92	7.87	8.33	7.93	6.42	8.58
CONVERTIBLE BONDS	247.0	0.95%	2.00	5.07	2.81	8.35	-2.40	-3.62	14.57	33.18	****	7.48	8.99	****	****	4.92
TIPS MANAGERS	538.7	2.07%	-0.14	1.14	1.66	5.77	12.07	13.52	6.45	10.13	-0.73	8.86	9.91	8.26	****	6.55
ENHANCED YIELD	1,546.0	5.94%	1.14	4.64	2.60	9.17	7.05	6.05	14.13	41.55	-19.09	12.33	13.08	9.10	10.03	8.35
BANK LOANS	369.7	1.42%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
OPPORTUNISTIC FIXED ^^	339.7	1.31%	2.70	4.37	3.42	17.97	-2.53	-4.67	26.77	23.34	-8.63	5.76	22.13	****	****	21.16
PROGRESS FIXED INCOME	69.7	0.27%	0.13	1.61	1.56	****	****	****	****	****	****	****	****	****	****	1.61
CORE PLUS FIXED INCOME	31.8	0.12%	0.33	2.39	2.00	5.17	7.65	8.18	7.57	****	****	6.89	7.91	****	****	8.88
ECONOMICALLY TARGETED INVESTMENTS	267.2	1.03%	0.45	1.73	0.45	4.60	6.96	6.42	7.21	8.24	6.51	6.56	6.75	7.30	6.45	9.98
PRIVATE EQUITY	1,878.9	7.22%	0.15	1.34	-0.56	6.35	8.62	14.23	18.45	-6.93	-4.53	5.64	14.59	6.11	****	13.17
PRIVATE REAL ESTATE	754.1	2.90%	0.94	1.86	-1.00	8.12	14.88	20.18	7.84	-42.93	-5.29	10.44	7.83	-5.15	****	4.48
CASH	495.3	1.90%	0.02	0.08	0.05	0.32	0.49	0.41	0.66	1.30	3.82	0.44	0.56	1.66	****	2.62
TOTAL POLICE	**$ 26,020.8**		**1.53%**	**4.96%**	**2.39%**	**8.45%**	**0.87%**	**0.84%**	**13.96%**	**21.41%**	**-27.51%**	**8.48%**	**10.16%**	**2.43%**	**7.52%**	**8.48%**
TOTAL EQUITY	13,713.9	52.70%	2.48	7.49	3.34	10.62	-3.81	-4.80	16.15	32.31	-40.44	9.87	10.40	-0.27	7.30	7.94
HEDGE FUNDS	576.1	2.21%	0.38	-0.06	0.64	1.63	-2.03	****	****	****	****	-1.87	****	****	****	-1.20
TOTAL FIXED INCOME	8,602.6	33.06%	0.56	2.68	2.16	6.66	8.51	8.04	9.73	13.86	-0.84	8.49	9.48	8.18	****	6.57
TOTAL PRIVATE EQUITY	1,878.9	7.22%	0.15	1.34	-0.56	6.35	8.62	14.23	18.45	-6.93	-4.53	5.64	14.59	6.11	****	13.17
TOTAL PRIVATE REAL ESTATE	754.1	2.90%	0.94	1.86	-1.00	8.12	14.88	20.18	7.84	-42.93	-5.29	10.44	7.83	-5.15	****	4.48
TOTAL CASH	495.3	1.90%	0.02	0.08	0.05	0.32	0.49	0.41	0.66	1.30	3.82	0.44	0.56	1.66	****	2.62

^^ since inception irr calculated from Burgis as of 5/31/2012

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

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Police Pension Fund
August 31, 2012

	Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/12	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Calendar Yr Ending 2008	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
EQUITY ASSET CLASS SUMMARY																
DOMESTIC EQUITY	**9,627.2**	**37.00%**	**2.84%**	**7.11%**	**3.45%**	**12.66%**	**1.69%**	**-0.20%**	**18.02%**	**28.69%**	**-37.21%**	**15.81%**	**13.56%**	**1.41%**	**7.02%**	**10.52%**
PASSIVE DOMESTIC EQUITY	7,099.9	27.29%	2.61	7.22	3.49	12.81	2.95	0.41	17.15	28.41	-37.05	16.36	13.55	1.44	6.91	10.88
RUSSELL 3000			2.50	7.57	3.51	13.15	3.84	1.03	16.93	28.34	-37.31	17.03	13.82	1.50	7.01	
+/-			0.12	(0.35)	(0.02)	(0.34)	(0.89)	(0.62)	0.22	0.07	0.26	(0.67)	(0.28)	(0.06)	(0.10)	
TOTAL RUSSELL 3000	6,267.2	24.09%	2.50	7.51	3.50	13.07	3.84	1.08	17.15	28.40	-37.06	16.95	13.88	1.61	7.05	10.76
RUSSELL 3000			2.50	7.57	3.51	13.15	3.84	1.03	16.93	28.34	-37.31	17.03	13.82	1.50	7.01	
+/-			0.01	(0.06)	(0.01)	(0.09)	(0.00)	0.05	0.22	0.06	0.25	(0.07)	0.06	0.11	0.04	
TOTAL MID CAP PASSIVE	832.7	3.20%	3.48	5.39	3.44	11.50	-2.42	****	****	****	****	12.63	****	****	****	4.64
S&P MIDCAP INDEX 400			3.48	5.39	3.43	11.61	-2.33	****	****	****	****	12.75	****	****	****	
+/-			(0.00)	(0.00)	0.00	(0.11)	(0.08)	****	****	****	****	(0.12)	****	****	****	
ACTIVE DOMESTIC EQUITY	2,527.3	9.71%	3.48	6.82	3.34	12.20	-1.90	-1.98	19.42	29.74	-37.62	14.21	13.30	1.29	7.18	9.49
RUSSELL 3000			2.50	7.57	3.51	13.15	3.84	1.03	16.93	28.34	-37.31	17.03	13.82	1.50	7.01	
+/-			0.99	(0.75)	(0.17)	(0.95)	(5.74)	(3.00)	2.49	1.40	(0.31)	(2.81)	(0.52)	(0.21)	0.16	
TOTAL LARGE CAP	996.5	3.83%	3.35	7.12	3.02	11.27	0.17	0.19	15.93	28.96	-37.45	14.16	12.50	1.29	****	8.01
RUSSELL 1000			2.43	7.61	3.64	13.37	4.37	1.50	16.10	28.43	-37.60	17.33	13.82	1.47	****	
+/-			0.92	(0.49)	(0.62)	(2.10)	(4.21)	(1.31)	(0.17)	0.53	0.15	(3.17)	(1.32)	(0.18)	****	
TOTAL MID CAP ACTIVE	714.8	2.75%	3.31	6.31	4.13	14.88	-1.66	-3.50	23.21	27.70	-36.94	16.13	15.11	1.12	****	5.22
RUSSELL MIDCAP			3.15	6.30	3.39	11.63	-1.65	-1.55	25.47	40.46	-41.46	13.30	15.56	2.47	****	
+/-			0.15	0.01	0.74	3.26	(0.01)	(1.95)	(2.26)	(12.76)	4.52	2.83	(0.46)	(1.35)	****	
TOTAL SMALL CAP ACTIVE	512.8	1.97%	3.53	6.46	2.78	10.58	-6.47	-5.76	29.55	30.09	-34.22	11.14	15.33	2.31	****	5.45
RUSSELL 2000			3.33	6.99	1.91	10.60	-2.08	-4.18	26.85	27.18	-33.80	13.40	13.88	1.90	****	
+/-			0.19	(0.53)	0.87	(0.02)	(4.39)	(1.58)	2.70	2.91	(0.42)	(2.26)	1.45	0.41	****	
TOTAL SMALL/MID CAP	172.0	0.66%	4.46	7.85	3.62	12.87	0.45	-0.96	****	****	****	17.06	****	****	****	12.95
RUSSELL 2500			3.59	6.63	2.89	11.43	-2.29	-2.51	****	****	****	13.82	****	****	****	
+/-			0.87	1.22	0.73	1.44	2.74	1.54	****	****	****	3.23	****	****	****	
TOTAL EMERGING MGRS (Program changed 7/01/2012)	131.1	0.50%	4.04	7.35	3.35	10.95	-1.48	-0.82	22.59	28.29	-36.48	13.80	14.55	****	****	1.98
RUSSELL 2000			3.33	6.99	1.91	10.60	-2.08	-4.18	26.85	27.18	-33.80	13.40	13.88	****	****	
RUSSELL 3000			2.50	7.57	3.51	13.15	3.84	1.03	16.93	28.34	-37.31	17.03	13.82	****	****	
+/-			0.71	0.36	1.44	0.35	0.60	3.36	(4.26)	1.11	(2.68)	0.40	0.67	****	****	
+/-			1.55	(0.22)	(0.16)	(2.21)	(5.32)	(1.85)	5.66	(0.05)	0.83	(3.23)	0.73	****	****	
INTERNATIONAL EQUITY	**3,950.2**	**15.18%**	**1.68**	**8.40**	**3.05**	**5.87**	**-15.03**	**-14.17**	**11.77**	**41.03**	**-46.95**	**-2.36**	**3.52**	**-4.00**	**7.76**	**6.35**
PASSIVE DEVELOPED MARKETS	1,176.3	4.52%	2.70	11.00	3.67	7.11	-13.33	-12.29	8.18	32.26	-42.86	0.27	2.55	-4.47	6.99	4.94
MSCI EAFE (NET DIVIDEND)			2.69	11.13	3.85	6.92	-13.83	-12.14	7.75	31.78	-43.39	-0.04	2.40	-4.81	6.67	
+/-			0.01	(0.13)	(0.18)	0.19	0.51	(0.15)	0.43	0.48	0.53	0.31	0.15	0.34	0.32	
PASSIVE EMERGING MARKETS	471.9	1.81%	-0.08	5.61	1.84	5.83	-16.43	****	****	****	****	-6.31	****	****	****	-11.47
MSCI EMERGING MARKETS FREE			-0.29	5.70	1.73	5.92	-15.67	****	****	****	****	-5.48	****	****	****	
+/-			0.21	(0.09)	0.11	(0.08)	(0.76)	****	****	****	****	(0.83)	****	****	****	
ACTIVE DEVELOPED MARKETS	1,127.8	4.33%	2.17	9.60	3.70	6.13	-14.03	-11.68	9.38	33.19	-44.67	-0.14	3.14	-4.56	6.51	6.34
MSCI EAFE (NET DIVIDEND)			2.69	11.13	3.85	6.92	-13.83	-12.14	7.75	31.78	-43.39	-0.04	2.40	-4.81	6.67	
+/-			(0.52)	(1.54)	(0.15)	(0.79)	(0.20)	0.46	1.63	1.41	(1.28)	(0.10)	0.74	0.25	(0.16)	
ACTIVE EMERGING MARKETS	1,045.2	4.02%	0.52	5.89	2.23	5.27	-17.54	-20.17	19.76	82.60	-56.30	-7.19	6.29	-1.26	****	11.43
MSCI EMERGING MARKETS FREE			-0.29	5.70	1.73	5.92	-15.67	-18.17	19.20	79.02	-53.17	-5.48	6.96	-0.06	****	
+/-			0.81	0.18	0.50	(0.65)	(1.86)	(2.00)	0.56	3.58	(3.13)	(1.71)	(0.67)	(1.20)	****	
TOTAL NON-U.S. ENVIRONMENTAL	72.2	0.28%	3.34	6.78	3.48	11.86	-4.50	-7.77	9.13	37.25	****	7.68	6.90	****	****	-1.21
MSCI WORLD INDEX			2.59	9.28	3.93	10.47	-4.42	-5.02	12.34	30.80	****	8.77	8.50	****	****	
+/-			0.76	(2.50)	(0.46)	1.39	(0.08)	(2.76)	(3.21)	6.45	****	(1.09)	(1.60)	****	****	
TOTAL NON-U.S. ACTIVIST	56.8	0.22%	5.54	5.47	2.53	4.83	-25.49	-24.01	32.64	36.32	****	-7.13	4.99	****	****	12.41
MSCI EUROPE SMID CAP INDEX			4.57	11.78	5.44	11.72	-19.00	-17.56	16.03	53.23	****	-1.14	4.83	****	****	
+/-			0.96	(6.31)	(2.91)	(6.89)	(6.49)	(6.45)	16.61	(16.91)	****	(5.99)	0.16	****	****	

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FIXED INCOME ASSET CLASS SUMMARY																
TOTAL FIXED INCOME	**8,602.6**	**33.06%**	**0.56%**	**2.68%**	**2.16%**	**6.66%**	**8.51%**	**8.04%**	**9.73%**	**13.86%**	**-0.84%**	**8.49%**	**9.48%**	**8.18%**	********	**6.57%**
CORE + 5	5,192.8	19.96%	0.27	2.15	2.01	5.61	9.29	8.88	8.50	8.82	3.92	7.87	8.33	7.93	6.42	8.58
NYC - CORE PLUS FIVE			0.08	1.94	1.86	4.91	9.35	9.40	7.13	6.28	6.64	7.39	7.59	7.70	6.21	
+/-			0.19	0.21	0.16	0.70	(0.06)	(0.53)	1.37	2.54	(2.72)	0.48	0.74	0.23	0.21	
ALL MORTGAGE	2,344.0	9.01%	0.31	1.36	1.17	3.73	5.84	6.24	7.50	8.53	4.00	4.80	6.56	6.74	5.55	7.37
CITIGROUP MORTGAGE INDEX			0.10	0.98	0.89	2.59	5.05	6.38	5.50	5.76	8.49	3.69	5.29	6.54	5.35	
+/-			0.21	0.38	0.29	1.13	0.79	(0.13)	2.00	2.77	(4.49)	1.11	1.27	0.19	0.20	
ALL INVESTMENT GRADE CREDIT	2,038.1	7.83%	0.46	3.64	3.20	8.30	9.53	7.98	9.47	18.91	-4.97	10.40	9.71	8.26	6.97	7.86
NYC - INVESTMENT GRADE CREDIT			0.30	3.57	3.03	7.63	9.14	7.80	8.36	16.36	-4.06	9.63	8.86	7.61	6.51	
+/-			0.16	0.07	0.17	0.67	0.39	0.18	1.11	2.55	(0.91)	0.77	0.85	0.65	0.47	
ALL TREASURY / AGENCY	810.6	3.12%	-0.31	0.90	1.60	5.05	18.60	18.28	9.42	-5.54	17.51	10.93	10.32	9.77	7.34	8.50
NYC - TREASURY AGENCY PLUS FIVE			-0.34	0.96	1.65	4.96	18.72	18.44	9.24	-7.44	18.91	10.89	10.17	9.56	7.15	
+/-			0.02	(0.06)	(0.05)	0.08	(0.12)	(0.16)	0.18	1.90	(1.40)	0.04	0.15	0.22	0.19	
ENHANCED YIELD	1,546.0	5.94%	1.14	4.64	2.60	9.17	7.05	6.05	14.13	41.55	-19.09	12.33	13.08	9.10	10.03	8.35
CITIGROUP BB & B			1.05	5.09	2.95	9.87	8.45	6.58	13.35	40.37	-25.10	13.86	13.19	7.25	9.04	
+/-			0.09	(0.45)	(0.35)	(0.70)	(1.40)	(0.53)	0.78	1.18	6.01	(1.53)	(0.11)	1.85	0.99	
BANK LOANS	369.7	1.42%	********	********	********	********	********	********	********	********	********	********	********	********	********	********
CREDIT SUISSE LEVERAGED LOAN INDEX			****	****	****	****	****	****	****	****	****	****	****	****	****	
+/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
TIPS MANAGERS	538.7	2.07%	-0.14	1.14	1.66	5.77	12.07	13.52	6.45	10.13	-0.73	8.86	9.91	8.26	****	6.55
BARCLAYS CAPITAL US TIPS INDEX			-0.29	1.04	1.60	5.71	11.66	13.56	6.37	11.41	-2.35	8.29	9.88	8.12	****	
+/-			0.14	0.10	0.06	0.06	0.41	(0.04)	0.08	(1.28)	1.62	0.57	0.03	0.14	****	
CONVERTIBLE BONDS	247.0	0.95%	2.00	5.07	2.81	8.35	-2.40	-3.62	14.57	33.18	****	7.48	8.99	****	****	4.92
BofA ML ALL CONVERTIBLES EX MANDATORY			2.15	4.99	2.77	9.87	-1.68	-3.42	16.52	47.19	****	9.02	11.03	****	****	
+/-			(0.15)	0.08	0.04	(1.53)	(0.72)	(0.20)	(1.95)	(14.01)	****	(1.55)	(2.03)	****	****	
OPPORTUNISTIC FIXED ^^	339.7	1.31%	2.70	4.37	3.42	17.97	-2.53	-4.67	26.77	23.34	-8.63	5.76	22.13	****	****	21.16
NYC - JP MORGAN HY PLUS 3%			1.51	5.80	3.59	12.35	10.67	8.73	18.05	61.90	-23.83	16.78	17.92	****	****	
+/-			1.18	(1.43)	(0.18)	5.62	(13.20)	(13.39)	8.72	(38.56)	15.20	(11.02)	4.21	****	****	
^^ since inception irr calculated from Burgis as of 5/31/2012																
PROGRESS FIXED INCOME	69.7	0.27%	0.13	1.61	1.56	****	****	****	****	****	****	****	****	****	****	1.61
BARCLAYS CAPITAL AGGREGATE			0.07	1.49	1.45	****	****	****	****	****	****	****	****	****	****	
+/-			0.06	0.13	0.12	****	****	****	****	****	****	****	****	****	****	
CORE PLUS FIXED INCOME	31.8	0.12%	0.33	2.39	2.00	5.17	7.65	8.18	7.57	****	****	6.89	7.91	****	****	8.88
BARCLAYS CAPITAL AGGREGATE			0.07	1.49	1.45	3.85	7.47	7.84	6.54	5.93	5.24	5.78	6.51	6.66	5.48	
+/-			0.26	0.91	0.55	1.32	0.18	0.34	1.03	****	****	1.11	1.40	****	****	
ECONOMICALLY TARGETED INVESTMENTS	267.2	1.03%	0.45	1.73	0.45	4.60	6.96	6.42	7.21	8.24	6.51	6.56	6.75	7.30	6.45	9.98
POLICE CUSTOM BENCHMARK (NO CASH)			****	****	****	****	6.67	7.74	6.54	5.25	7.04	****	****	****	****	
+/-			****	****	****	****	0.29	(1.32)	0.67	2.99	(0.53)	****	****	****	****	
CASH ASSET CLASS SUMMARY																
CASH	495.3	1.90%	0.02	0.08	0.05	0.32	0.49	0.41	0.66	1.30	3.82	0.44	0.56	1.66	****	2.62
ML 91 DAY TREASURY BILL INDEX			0.01	0.03	0.02	0.06	0.06	0.10	0.13	0.21	2.06	0.06	0.12	0.80	****	
+/-			0.01	0.05	0.03	0.26	0.43	0.31	0.53	1.09	1.76	0.38	0.45	0.86	****	

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US EQUITY																
TOTAL RUSSELL 3000	6,267.2	24.09%	2.50	7.51	3.50	13.07	3.84	1.08	17.15	28.40	-37.06	16.95	13.88	1.61	7.05	10.76
RUSSELL 3000			2.50	7.57	3.51	13.15	3.84	1.03	16.93	28.34	-37.31	17.03	13.82	1.50	7.01	
+/-			0.01	(0.06)	(0.01)	(0.09)	(0.00)	0.05	0.22	0.06	0.25	(0.07)	0.06	0.11	0.04	
BLACKROCK R3000	3,520.3	13.53%	2.49	7.56	3.50	13.14	3.85	0.95	16.96	28.35	-37.03	17.00	13.79	1.56	7.01	2.24
STATE STREET R3000	2,747.0	10.56%	2.51	7.44	3.50	12.98	3.82	1.23	****	****	****	16.89	****	****	****	13.54
RUSSELL 3000			2.50	7.57	3.51	13.15	3.84	1.03	16.93	28.34	-37.31	17.03	13.82	1.50	7.01	
BLACKROCK R3000 +/-			(0.00)	(0.00)	(0.01)	(0.02)	0.01	(0.07)	0.03	0.01	0.28	(0.02)	(0.03)	0.06	(0.00)	
STATE STREET R3000 +/-			0.01	(0.12)	(0.01)	(0.17)	(0.02)	0.20	****	****	****	(0.13)	****	****	****	
TOTAL SMALL CAP	512.9	1.97%	3.53	5.97	2.78	10.03	-6.22	-5.65	29.55	30.09	-34.22	10.74	15.18	2.23	9.17	6.09
RUSSELL 2000			3.33	6.99	1.91	10.60	-2.08	-4.18	26.85	27.18	-33.80	13.40	13.88	1.90	9.00	
+/-			0.19	(1.02)	0.87	(0.57)	(4.14)	(1.48)	2.70	2.91	(0.42)	(2.65)	1.30	0.33	0.17	
TOTAL SMALL CAP ACTIVE	512.8	1.97%	3.53	6.46	2.78	10.58	-6.47	-5.76	29.55	30.09	-34.22	11.14	15.33	2.31	****	5.45
RUSSELL 2000			3.33	6.99	1.91	10.60	-2.08	-4.18	26.85	27.18	-33.80	13.40	13.88	1.90	9.00	
+/-			0.19	(0.53)	0.87	(0.02)	(4.39)	(1.58)	2.70	2.91	(0.42)	(2.26)	1.45	0.41	****	
TOTAL SMALL CAP GROWTH ACTIVE	188.1	0.72%	3.64	6.02	1.90	10.29	-6.02	-3.78	21.80	****	****	9.90	13.98	****	****	19.13
PERIMETER	59.4	0.23%	3.02	6.33	2.60	7.34	-8.14	-5.65	****	****	****	7.64	****	****	****	7.74
PIER CAPITAL	61.6	0.24%	3.34	5.82	2.40	10.65	-9.45	-6.29	****	****	****	11.17	****	****	****	8.57
BROWN AM (D)	67.0	0.26%	4.49	5.94	0.85	12.71	-0.61	0.59	29.20	****	****	10.81	18.83	****	****	23.68
RUSSELL 2000 GROWTH			3.59	7.03	1.78	10.75	-2.71	-2.91	29.09	****	****	12.72	15.49	****	****	
TOTAL SMALL CAP GROWTH +/-			0.05	(1.01)	0.12	(0.46)	(3.31)	(0.87)	(7.29)	****	****	(2.81)	(1.51)	****	****	
PERIMETER +/-			(0.57)	(0.71)	0.82	(3.42)	(5.43)	(2.74)	****	****	****	(5.08)	****	****	****	
PIER CAPITAL +/-			(0.25)	(1.22)	0.62	(0.11)	(6.74)	(3.38)	****	****	****	(1.55)	****	****	****	
BROWN AM (D) +/-			0.90	(1.09)	(0.93)	1.95	2.10	3.50	0.11	****	****	(1.91)	3.34	****	****	
TOTAL SMALL CAP VALUE ACTIVE	201.0	0.77%	3.66	5.71	3.45	10.88	-2.96	-5.02	30.76	21.32	-24.44	13.74	15.51	4.74	10.35	7.88
DALTON GREINER	151.2	0.58%	4.00	6.34	3.53	12.63	-1.70	-5.65	32.07	21.32	-24.44	14.35	16.24	5.14	10.56	8.11
LORD ABBETT	49.8	0.19%	2.64	3.84	3.21	5.88	-6.58	-3.19	****	****	****	11.92	****	****	****	7.17
RUSSELL 2000 VALUE			3.09	6.95	2.03	10.43	-1.44	-5.50	24.50	20.59	-28.93	14.08	12.24	0.73	8.49	
TOTAL SMALL CAP VALUE +/-			0.57	(1.24)	1.42	0.45	(1.52)	0.48	6.26	0.73	4.49	(0.34)	3.27	4.01	1.86	
DALTON GREINER +/-			0.91	(0.61)	1.50	2.20	(0.26)	(0.14)	7.57	0.73	4.49	0.27	4.01	4.40	2.07	
LORD ABBETT +/-			(0.44)	(3.11)	1.18	(4.55)	(5.14)	2.31	****	****	****	(2.16)	****	****	****	
RAFI ENHANCED SMALL CO.	37.4	0.14%	3.84	6.97	2.54	11.03	-3.41	-4.65	29.81	34.57	****	13.36	15.11	****	****	7.13
RUSSELL 2000 VALUE			3.09	6.95	2.03	10.43	-1.44	-5.50	24.50	20.59	****	14.08	12.24	****	****	
+/-			0.75	0.02	0.51	0.60	(1.97)	0.85	5.31	13.98	****	(0.72)	2.88	****	****	
TOTAL SMALL CAP CORE ACTIVE	86.4	0.33%	2.85	8.61	3.19	10.41	-13.23	-10.11	31.72	45.24	-37.03	8.29	15.15	3.06	9.51	7.17
DARUMA	86.4	0.33%	2.85	8.61	3.19	10.41	-13.23	-10.11	31.72	45.24	-37.03	8.29	15.15	3.06	10.19	7.83
RUSSELL 2000			3.33	6.99	1.91	10.60	-2.08	-4.18	26.85	27.18	-33.80	13.40	13.88	1.90	9.00	
TOTAL SMALL CAP CORE +/-			(0.49)	1.62	1.29	(0.19)	(11.15)	(5.93)	4.87	18.06	(3.23)	(5.10)	1.27	1.16	0.51	
DARUMA +/-			(0.49)	1.62	1.29	(0.19)	(11.15)	(5.93)	4.87	18.06	(3.23)	(5.10)	1.27	1.16	1.19	
TOTAL SMALL/MID CAP	172.0	0.66%	4.46	7.85	3.62	12.87	0.45	-0.96	****	****	****	17.06	****	****	****	12.95
RUSSELL 2500			3.59	6.63	2.89	11.43	-2.29	-2.51	****	****	****	13.82	****	****	****	
+/-			0.87	1.22	0.73	1.44	2.74	1.54	****	****	****	3.23	****	****	****	
TIMESSQUARE CAPITAL	92.7	0.36%	3.97	7.32	3.65	15.19	5.44	3.29	****	****	****	23.14	****	****	****	17.55
RUSSELL 2500 GROWTH			3.86	6.14	2.83	11.51	-3.19	-1.57	****	****	****	12.81	****	****	****	
+/-			0.11	1.19	0.82	3.68	8.63	4.87	****	****	****	10.33	****	****	****	

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SECURITY GLOBAL INV		79.3	0.30%	5.05	8.48	3.57	10.28	-4.82	-5.34	****	****	****	10.66	****	****	****	7.33
RUSSELL 2500 VALUE				3.38	7.05	2.93	11.32	-1.49	-3.36	****	****	****	14.72	****	****	****	
	+/-			1.67	1.43	0.64	(1.04)	(3.33)	(1.98)	****	****	****	(4.06)	****	****	****	
TOTAL MID CAP		1,547.5	5.95%	3.40	5.81	3.76	13.13	-1.97	-3.55	26.35	34.43	-40.46	14.29	15.30	1.15	7.78	7.78
RUSSELL MIDCAP				3.15	6.30	3.39	11.63	-1.65	-1.55	25.47	40.46	-41.46	13.30	15.56	2.47	9.87	
	+/-			0.25	(0.49)	0.37	1.51	(0.32)	(2.00)	0.88	(6.03)	1.00	1.00	(0.26)	(1.31)	(2.09)	
TOTAL MID CAP PASSIVE		832.7	3.20%	3.48	5.39	3.44	11.50	-2.42	****	****	****	****	12.63	****	****	****	4.64
SSGA S&P 400		832.7	3.20%	3.48	5.39	3.44	11.50	-2.42	****	****	****	****	12.63	****	****	****	4.64
S&P MIDCAP INDEX 400				3.48	5.39	3.43	11.61	-2.33	****	****	****	****	12.75	****	****	****	
TOTAL MID CAP PASSIVE	+/-			(0.00)	(0.00)	0.00	(0.11)	(0.08)	****	****	****	****	(0.12)	****	****	****	
SSGA S&P 400	+/-			(0.00)	(0.00)	0.00	(0.11)	(0.08)	****	****	****	****	(0.12)	****	****	****	
TOTAL MID CAP ACTIVE		714.8	2.75%	3.31	6.31	4.13	14.88	-1.66	-3.50	23.21	27.70	-36.94	16.13	15.11	1.12	****	5.22
RUSSELL MIDCAP				3.15	6.30	3.39	11.63	-1.65	-1.55	25.47	40.46	-41.46	13.30	15.56	2.47	****	
	+/-			0.15	0.01	0.74	3.26	(0.01)	(1.95)	(2.26)	(12.76)	4.52	2.83	(0.46)	(1.35)	****	
TOTAL MID CAP GROWTH ACTIVE		287.6	1.11%	3.32	4.55	2.61	14.18	0.47	-3.27	****	****	****	15.35	****	****	****	12.32
FRONTIER CAPITAL		183.2	0.70%	2.70	3.21	1.73	14.18	0.25	-4.18	****	****	****	13.78	****	****	****	10.37
TIMESSQUARE CAPITAL		104.4	0.40%	4.43	7.00	4.19	14.19	0.88	-1.64	****	****	****	18.22	****	****	****	11.41
RUSSELL MIDCAP GROWTH				3.41	5.24	3.28	11.65	-2.99	-1.65	****	****	****	11.72	****	****	****	
TOTAL MID CAP GROWTH	+/-			(0.09)	(0.69)	(0.67)	2.53	3.46	(1.62)	****	****	****	3.63	****	****	****	
FRONTIER CAPITAL	+/-			(0.71)	(2.03)	(1.55)	2.53	3.23	(2.53)	****	****	****	2.06	****	****	****	
TIMESSQUARE CAPITAL	+/-			1.02	1.75	0.91	2.54	3.86	0.01	****	****	****	6.50	****	****	****	
TOTAL MID CAP VALUE ACTIVE		297.8	1.14%	3.86	8.02	6.20	15.51	-3.25	-2.21	24.42	27.70	-36.94	17.37	16.20	1.69	****	5.46
IRIDIAN ASSET		160.2	0.62%	3.99	8.43	7.03	17.32	-2.75	-0.29	****	****	****	19.09	****	****	****	14.30
SYSTEMATIC FINANCIAL		137.6	0.53%	3.70	7.54	5.25	13.47	-3.81	-4.28	****	****	****	15.42	****	****	****	9.99
RUSSELL MIDCAP VALUE				2.92	7.27	3.49	11.54	-0.37	-1.38	24.75	34.20	-38.44	14.80	15.09	1.78	****	
TOTAL MID CAP VALUE	+/-			0.94	0.75	2.71	3.97	(2.87)	(0.83)	(0.33)	(6.50)	1.50	2.57	1.11	(0.09)	****	
IRIDIAN ASSET	+/-			1.07	1.16	3.54	5.78	(2.38)	1.09	****	****	****	4.29	****	****	****	
SYSTEMATIC FINANCIAL	+/-			0.78	0.27	1.76	1.93	(3.43)	(2.90)	****	****	****	0.62	****	****	****	
TOTAL MID CAP CORE ACTIVE		129.5	0.50%	2.03	6.41	2.92	15.03	-2.70	-6.79	****	****	****	15.06	****	****	****	10.49
WELLINGTON MGMT		129.5	0.50%	2.03	6.41	2.92	15.03	-2.70	-6.79	****	****	****	15.06	****	****	****	10.49
S&P MIDCAP INDEX 400				3.48	5.39	3.43	11.61	-2.33	-1.73	****	****	****	12.75	****	****	****	
TOTAL MID CAP CORE	+/-			(1.46)	1.02	(0.52)	3.42	(0.37)	(5.06)	****	****	****	2.31	****	****	****	
WELLINGTON MGMT	+/-			(1.46)	1.02	(0.52)	3.42	(0.37)	(5.06)	****	****	****	2.31	****	****	****	
TOTAL LARGE CAP		996.5	3.83%	3.35	7.12	3.02	11.27	0.17	0.19	15.93	28.96	-37.45	14.16	12.50	1.29	****	8.01
RUSSELL 1000				2.43	7.61	3.64	13.37	4.37	1.50	16.10	28.43	-37.60	17.33	13.82	1.47	****	
	+/-			0.92	(0.49)	(0.62)	(2.10)	(4.21)	(1.31)	(0.17)	0.53	0.15	(3.17)	(1.32)	(0.18)	****	
TOTAL LARGE CAP GROWTH		271.0	1.04%	4.79	4.76	2.01	8.93	-5.47	-3.81	16.37	39.51	-41.67	8.01	11.54	1.06	5.59	8.05
RUSSELL 1000 GROWTH				2.69	6.89	4.07	14.55	5.76	2.64	16.71	37.22	-38.43	17.37	15.58	3.69	7.03	
	+/-			2.10	(2.13)	(2.06)	(5.63)	(11.23)	(6.45)	(0.34)	2.29	(3.24)	(9.36)	(4.05)	(2.63)	(1.43)	
ZEVENBERGEN		153.7	0.59%	5.48	3.24	0.78	5.68	-11.17	-10.02	23.05	56.77	****	1.64	11.62	****	****	5.58
RUSSELL 3000 GROWTH				2.76	6.90	3.89	14.26	5.05	2.18	17.64	37.00	****	17.01	15.58	****	****	
	+/-			2.72	(3.67)	(3.11)	(8.58)	(16.22)	(12.20)	5.41	19.77	****	(15.37)	(3.95)	****	****	
CASTLEARK MGMT (D)		79.2	0.30%	3.95	6.18	2.78	12.57	1.92	1.15	21.90	****	****	15.51	15.37	****	****	18.44
PROFIT INV MGMT (D)		38.2	0.15%	3.80	8.21	5.54	15.44	6.92	2.98	9.54	****	****	22.37	13.40	****	****	17.35
RUSSELL 1000 GROWTH				2.69	6.89	4.07	14.55	5.76	2.64	16.71	****	****	17.37	15.58	****	****	
CASTLEARK MGMT (D)	+/-			1.26	(0.71)	(1.29)	(1.98)	(3.84)	(1.49)	5.19	****	****	(1.86)	(0.21)	****	****	
PROFIT INV MGMT (D)	+/-			1.11	1.31	1.48	0.89	1.16	0.34	(7.17)	****	****	5.00	(2.18)	****	****	

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TOTAL LARGE CAP VALUE	372.6	1.43%	3.12	7.99	3.30	12.05	2.27	2.45	14.94	20.42	-35.11	16.71	12.36	0.44	****	8.46
RUSSELL 1000 VALUE			2.17	8.35	3.23	12.19	3.01	0.39	15.51	19.69	-36.85	17.30	12.08	-0.86	****	
+/-			0.95	(0.36)	0.07	(0.14)	(0.74)	2.06	(0.57)	0.73	1.74	(0.59)	0.28	1.30	****	
ARONSON JOHNSON	319.9	1.23%	3.36	8.40	3.64	12.70	2.74	2.70	15.72	15.67	-33.25	17.91	13.17	0.10	****	8.79
RUSSELL 1000 VALUE			2.17	8.35	3.23	12.19	3.01	0.39	15.51	19.69	-36.85	17.30	12.08	-0.86	****	
ARONSON JOHNSON +/-			1.19	0.05	0.41	0.52	(0.27)	2.31	0.21	(4.02)	3.60	0.61	1.09	0.96	****	
DENALI ADVISORS (D)	52.7	0.20%	1.69	5.57	1.27	8.22	-0.42	-0.36	11.14	****	****	9.92	10.24	****	****	14.91
RUSSELL 1000 VALUE			2.17	8.35	3.23	12.19	3.01	0.39	15.51	****	****	17.30	12.08	****	****	
DENALI ADVISORS (D) +/-			(0.48)	(2.78)	(1.96)	(3.97)	(3.43)	(0.75)	(4.37)	****	****	(7.37)	(1.84)	****	****	
TOTAL LARGE CAP CORE	109.0	0.42%	2.85	8.92	4.14	12.78	0.88	-1.97	15.87	****	****	15.39	12.43	****	****	21.39
SEIZERT CAPITAL PTNRS (D)	56.4	0.22%	3.13	8.90	4.02	10.46	-0.81	-0.07	15.84	****	****	12.48	12.76	****	****	16.95
PIEDMONT INV ADV (D)	52.6	0.20%	2.55	8.93	4.27	15.36	2.77	-4.01	15.91	****	****	18.67	12.09	****	****	15.70
RUSSELL 1000			2.43	7.61	3.64	13.37	4.37	1.50	16.10	****	****	17.33	13.82	****	****	
TOTAL LARGE CAP CORE +/-			0.42	1.30	0.49	(0.59)	(3.49)	(3.47)	(0.23)	****	****	(1.95)	(1.38)	****	****	
SEIZERT CAPITAL PTNRS (D) +/-			0.70	1.29	0.38	(2.90)	(5.19)	(1.57)	(0.26)	****	****	(4.85)	(1.06)	****	****	
PIEDMONT INV ADV (D) +/-			0.12	1.32	0.62	2.00	(1.60)	(5.51)	(0.19)	****	****	1.34	(1.73)	****	****	
TOTAL FUNDAMENTAL INDEX LARGE CAP	243.9	0.94%	2.35	7.71	3.24	12.08	3.54	1.98	17.72	25.98	****	17.12	13.39	****	****	4.31
RUSSELL 1000			2.43	7.61	3.64	13.37	4.37	1.50	16.10	28.43	****	17.33	13.82	****	****	
+/-			(0.08)	0.10	(0.40)	(1.28)	(0.84)	0.48	1.62	(2.45)	****	(0.21)	(0.42)	****	****	
RAFI ENHANCED LARGE CO.	164.6	0.63%	2.13	7.47	3.04	11.66	3.73	2.30	19.02	27.53	****	16.98	13.57	****	****	6.34
RUSSELL 1000			2.43	7.61	3.64	13.37	4.37	1.50	16.10	28.43	****	17.33	13.82	****	****	
RAFI ENHANCED LARGE CO. +/-			(0.29)	(0.14)	(0.60)	(1.70)	(0.64)	0.80	2.92	(0.90)	****	(0.36)	(0.24)	****	****	
VTL S&P 500	79.3	0.30%	2.80	8.21	3.67	12.96	3.13	0.92	17.45	30.82	****	17.41	13.56	****	****	5.26
STANDARD & POORS 500			2.25	7.94	3.67	13.51	5.45	2.11	15.06	26.47	****	18.00	13.62	****	****	
+/-			0.55	0.27	(0.00)	(0.55)	(2.31)	(1.19)	2.39	4.35	****	(0.59)	(0.06)	****	****	
EMERGING MANAGERS																
TOTAL EMERGING MGRS (Program changed 7/01/2012)	131.1	0.50%	4.04	7.35	3.35	10.95	-1.48	-0.82	22.59	28.29	-36.48	13.80	14.55	****	****	1.98
RUSSELL 2000			3.33	6.99	1.91	10.60	-2.08	-4.18	26.85	27.18	-33.80	13.40	13.88	****	****	
RUSSELL 3000			2.50	7.57	3.51	13.15	3.84	1.03	16.93	28.34	-37.31	17.03	13.82	****	****	
+/-			0.71	0.36	1.44	0.35	0.60	3.36	(4.26)	1.11	(2.68)	0.40	0.67	****	****	
+/-			1.55	(0.22)	(0.16)	(2.21)	(5.32)	(1.85)	5.66	(0.05)	0.83	(3.23)	0.73	****	****	
ATTUCKS	27.3	0.10%	3.38	7.20	3.54	9.92	-3.39	-1.07	28.60	26.86	-36.36	13.50	15.76	****	****	2.63
CAPITAL PROSPECTS	31.7	0.12%	3.94	****	2.38	****	****	****	****	****	****	****	****	****	****	7.12
F.I.S FUND MGMT	33.0	0.13%	4.36	****	3.85	****	****	****	****	****	****	****	****	****	****	8.10
PROGRESS EQUITY	39.1	0.15%	4.33	7.08	3.58	8.24	-5.51	-1.55	25.67	29.35	-37.65	11.69	14.29	****	****	1.66
RUSSELL 2000			3.33	6.99	1.91	10.60	-2.08	-4.18	26.85	27.18	-33.80	13.40	13.88	****	****	
ATTUCKS +/-			0.05	0.21	1.63	(0.68)	(1.31)	3.10	1.75	(0.32)	(2.56)	0.11	1.88	****	****	
CAPITAL PROSPECTS +/-			0.60	****	0.48	****	****	****	****	****	****	****	****	****	****	
F.I.S FUND MGMT +/-			1.03	****	1.95	****	****	****	****	****	****	****	****	****	****	
PROGRESS EQUITY +/-			0.99	0.08	1.67	(2.36)	(3.43)	2.63	(1.18)	2.17	(3.85)	(1.70)	0.41	****	****	

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NON - US EQUITY																
EAFE GROWTH	416.2	1.60%	2.13	9.44	3.82	8.36	-11.72	-11.67	11.46	35.48	-45.63	1.07	4.48	-2.49	****	6.74
MSCI EAFE (NET DIVIDEND)			2.69	11.13	3.85	6.92	-13.83	-12.14	7.75	31.78	-43.39	-0.04	2.40	-4.81	****	8.65
MSCI EAFE GROWTH			1.95	9.36	3.70	8.04	-12.22	-11.82	12.60	29.91	-42.46	0.14	5.20	-3.20	****	
+/-			(0.56)	(1.69)	(0.03)	1.44	2.11	0.47	3.71	3.70	(2.24)	1.11	2.08	2.31	****	
+/-			0.18	0.08	0.12	0.32	0.51	0.15	(1.14)	5.57	(3.17)	0.93	(0.72)	0.71	****	
TOTAL INTL GROWTH	416.2	1.60%	2.13	9.44	3.82	8.36	-11.72	-11.67	11.46	35.48	-45.63	1.07	4.48	-2.49	****	6.74
BAILLIE	287.0	1.10%	1.83	8.72	3.53	7.64	-11.91	-10.71	17.36	45.29	-44.75	-0.20	7.09	****	****	-2.10
PYRAMIS GLOBAL ADVISORS	129.0	0.50%	2.79	11.07	4.48	10.23	-11.02	-11.43	10.69	33.91	-43.34	3.56	5.12	****	****	-4.16
MSCI EAFE GROWTH			1.95	9.36	3.70	8.04	-12.22	-11.82	12.60	29.91	-42.46	0.14	5.20	-3.20	****	
TOTAL INTL GROWTH +/-			0.18	0.08	0.12	0.32	0.51	0.15	(1.14)	5.57	(3.17)	0.93	(0.72)	0.71	****	
BAILLIE +/-			(0.12)	(0.63)	(0.17)	(0.40)	0.31	1.11	4.76	15.38	(2.29)	(0.34)	1.88	****	****	
PYRAMIS GLOBAL ADVISORS +/-			0.84	1.72	0.78	2.19	1.21	0.40	(1.91)	4.00	(0.88)	3.42	(0.08)	****	****	
EAFE VALUE	155.3	0.60%	4.07	11.99	4.04	3.90	-15.69	-11.07	5.79	29.96	-44.81	-1.51	1.20	-6.38	****	4.13
MSCI EAFE (NET DIVIDEND)			2.69	11.13	3.85	6.92	-13.83	-12.14	7.75	31.78	-43.39	-0.04	2.40	-4.81	****	8.65
MSCI EAFE VALUE			3.44	13.06	4.04	6.64	-14.60	-11.65	3.81	35.06	-43.68	0.74	0.53	-5.54	****	
+/-			1.38	0.86	0.18	(3.03)	(1.86)	1.08	(1.96)	(1.82)	(1.42)	(1.47)	(1.20)	(1.58)	****	
+/-			0.64	(1.06)	(0.01)	(2.74)	(1.09)	0.58	1.98	(5.10)	(1.13)	(2.25)	0.66	(0.84)	****	
TOTAL INTL VALUE	155.3	0.60%	4.07	11.99	4.04	3.90	-15.69	-11.07	5.79	29.96	-44.81	-1.51	1.20	-6.38	****	4.13
MONDRIAN INVESTMENT PARTNERS LTD	154.7	0.59%	4.09	12.05	4.05	3.94	-10.52	-3.00	3.36	25.20	-36.84	2.07	3.80	-2.94	8.88	6.39
MSCI EAFE VALUE			3.44	13.06	4.04	6.64	-14.60	-11.65	3.81	35.06	-43.68	0.74	0.53	-5.54	****	
TOTAL INTL VALUE +/-			0.64	(1.06)	(0.01)	(2.74)	(1.09)	0.58	1.98	(5.10)	(1.13)	(2.25)	0.66	(0.84)	****	
MONDRIAN INVESTMENT PARTNERS LTD +/-			0.65	(1.01)	0.01	(2.70)	4.09	8.65	(0.45)	(9.86)	6.84	1.33	3.26	2.60	****	
TOTAL INTL CORE	555.4	2.13%	1.67	9.07	3.51	6.68	-14.72	-12.57	11.79	35.33	-44.47	-0.25	4.17	-3.71	****	4.31
THORNBURG	266.2	1.02%	0.78	8.02	3.31	8.02	-13.53	-12.15	15.67	33.68	-42.96	1.17	5.95	****	****	-3.74
CAPITAL GUARDIAN MTA	99.8	0.38%	2.36	9.92	4.16	8.35	-12.95	-12.88	12.02	29.06	****	0.84	4.37	****	****	-3.69
PHILADELPHIA	189.4	0.73%	2.59	10.14	3.46	3.77	-17.97	-12.71	7.34	44.35	-48.68	-2.65	2.10	****	****	-6.79
MSCI EAFE (NET DIVIDEND)			2.69	11.13	3.85	6.92	-13.83	-12.14	7.75	31.78	-43.39	-0.04	2.40	-4.81	****	
TOTAL INTL CORE +/-			(1.01)	(2.06)	(0.34)	(0.24)	(0.89)	(0.43)	4.04	3.55	(1.08)	(0.20)	1.77	1.09	****	
THORNBURG +/-			(1.91)	(3.12)	(0.54)	1.09	0.30	(0.01)	7.92	1.90	0.43	1.21	3.55	****	****	
CAPITAL GUARDIAN MTA +/-			(0.32)	(1.22)	0.31	1.43	0.88	(0.74)	4.27	(2.72)	****	0.88	1.97	****	****	
PHILADELPHIA +/-			(0.10)	(1.00)	(0.39)	(3.15)	(4.14)	(0.57)	(0.41)	12.57	(5.29)	(2.60)	(0.30)	****	****	
TOTAL PASSIVE DEVELOPED MARKET	1,176.3	4.52%	2.70	11.00	3.67	7.11	-13.33	-12.29	8.18	32.26	-42.86	0.27	2.55	-4.47	6.99	4.94
STATE STREET	1,176.2	4.52%	2.70	11.00	3.67	7.11	-13.33	****	****	****	****	0.27	****	****	****	-4.90
MSCI EAFE (NET DIVIDEND)			2.69	11.13	3.85	6.92	-13.83	-12.14	7.75	31.78	-43.39	-0.04	2.40	-4.81	6.67	
TOTAL PASSIVE DEVELOPED MARKET +/-			0.01	(0.13)	(0.18)	0.19	0.51	(0.15)	0.43	0.48	0.53	0.31	0.15	0.34	0.32	
STATE STREET +/-			0.01	(0.13)	(0.18)	0.19	0.50	****	****	****	****	0.31	****	****	****	

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NON-US ACTIVIST & ENVIRONMENTAL EQUITY																	
TOTAL NON-U.S. ENVIRONMENTAL		72.2	0.28%	3.34	6.78	3.48	11.86	-4.50	-7.77	9.13	37.25	****	7.68	6.90	****	****	-1.21
GENERATION GE		72.2	0.28%	3.34	6.78	3.48	11.86	-4.49	-7.77	15.09	48.07	****	7.69	9.46	****	****	6.53
MSCI WORLD INDEX				2.59	9.28	3.93	10.47	-4.42	-5.02	12.34	30.80	****	8.77	8.50	****	****	
TOTAL NON-U.S. ENVIRONMENTAL	+/-			0.76	(2.50)	(0.46)	1.39	(0.08)	(2.76)	(3.21)	6.45	****	(1.09)	(1.60)	****	****	
GENERATION GE	+/-			0.76	(2.50)	(0.46)	1.39	(0.08)	(2.76)	2.75	17.27	****	(1.08)	0.96	****	****	
TOTAL NON-U.S. ACTIVIST		56.8	0.22%	5.54	5.47	2.53	4.83	-25.49	-24.01	36.14	42.63	****	-7.13	4.99	****	****	12.41
GOVERNANCE FOR OWNERS		56.8	0.22%	5.54	5.47	2.53	4.83	-25.49	-23.39	36.14	42.63	****	-7.13	6.44	****	****	14.76
MSCI EUROPE SMID CAP INDEX				4.57	11.78	5.44	11.72	-19.00	-17.56	16.03	53.23	****	-1.14	4.83	****	****	
TOTAL NON-U.S. ACTIVIST	+/-			0.96	(6.31)	(2.91)	(6.89)	(6.49)	(6.45)	20.11	(10.60)	****	(5.99)	0.16	****	****	
GOVERNANCE FOR OWNERS	+/-			0.96	(6.31)	(2.91)	(6.89)	(6.49)	(5.84)	20.11	(10.60)	****	(5.99)	1.61	****	****	
TOTAL DEVELOPED MARKETS		2,304.1	8.85%	2.44	10.31	3.68	6.64	-13.75	-11.95	9.14	32.99	-44.30	0.07	3.07	-4.52	6.62	5.74
MSCI EAFE (NET DIVIDEND)				2.69	11.13	3.85	6.92	-13.83	-12.14	7.75	31.78	-43.39	-0.04	2.40	-4.81	6.67	
	+/-			(0.25)	(0.82)	(0.17)	(0.28)	0.09	0.20	1.39	1.21	(0.91)	0.11	0.67	0.29	(0.05)	
TOTAL DEVELOPED-ENVIRONMENTAL-ACTVIST		2,433.1	9.35%	2.54	10.08	3.65	6.69	-13.83	-12.12	9.65	33.28	-44.48	0.05	3.22	-4.48	****	4.30
MSCI EAFE (NET DIVIDEND)				2.69	11.13	3.85	6.92	-13.83	-12.14	7.75	31.78	-43.39	-0.04	2.40	-4.81	****	
	+/-			(0.15)	(1.05)	(0.20)	(0.23)	(0.00)	0.02	1.90	1.50	(1.09)	0.10	0.82	0.33	****	
EMERGING MARKETS																	
TOTAL EMERGING MARKETS		1,517.2	5.83%	0.33	5.80	2.11	5.45	-17.25	-19.93	19.76	82.60	-56.30	-6.98	6.46	-1.17	16.23	8.22
ACTIVE EMERGING MARKETS		1,045.2	4.02%	0.52	5.89	2.23	5.27	-17.54	-20.17	19.76	82.60	-56.30	-7.19	6.29	-1.26	****	11.43
DFA		275.5	1.06%	0.54	4.79	1.32	4.01	-21.04	-24.01	26.87	93.86	-51.31	-10.52	6.38	0.78	****	4.89
BAILLIE GIFFORD		307.0	1.18%	0.29	5.58	2.92	7.48	-13.61	-19.78	19.87	99.12	-56.41	-2.19	7.57	1.25	****	11.40
EATON VANCE		274.9	1.06%	0.57	6.71	1.82	****	****	****	****	****	****	****	****	****	****	6.71
ACADIAN		181.7	0.70%	0.80	7.06	3.18	7.59	-14.34	-16.65	23.72	83.09	-55.98	-3.53	9.53	0.59	****	9.68
MSCI EMERGING MARKETS FREE				-0.29	5.70	1.73	5.92	-15.67	-18.17	19.20	79.02	-53.17	-5.48	6.96	-0.06	****	
ACTIVE EMERGING MARKETS	+/-			0.81	0.18	0.50	(0.65)	(1.86)	(2.00)	0.56	3.58	(3.13)	(1.71)	(0.67)	(1.20)	****	
DFA	+/-			0.83	(0.91)	(0.41)	(1.90)	(5.36)	(1.00)	7.67	14.84	1.86	(5.04)	(0.58)	0.85	****	
BAILLIE GIFFORD	+/-			0.58	(0.13)	1.19	1.56	2.07	(0.00)	0.67	20.10	(3.24)	3.30	0.61	1.31	****	
ACADIAN	+/-			0.86	1.00	0.09	****	****	****	****	****	****	****	****	****	****	
EATON VANCE	+/-			1.09	1.36	1.45	1.67	1.33	2.00	4.52	4.07	(2.81)	1.96	2.58	0.66	****	
PASSIVE EMERGING MARKETS		471.9	1.81%	-0.08	5.61	1.84	5.83	-16.43	****	****	****	****	-6.31	****	****	****	-11.47
BLACKROCK		471.9	1.81%	-0.08	5.61	1.84	5.83	-16.43	****	****	****	****	-6.31	****	****	****	-11.47
MSCI EMERGING MARKETS FREE				-0.29	5.70	1.73	5.92	-15.67	****	****	****	****	-5.48	****	****	****	
PASSIVE EMERGING MARKETS	+/-			0.21	(0.09)	0.11	(0.08)	(0.76)	****	****	****	****	(0.83)	****	****	****	
BLACKROCK	+/-			0.21	(0.09)	0.11	(0.08)	(0.76)	****	****	****	****	(0.83)	****	****	****	
INTERNATIONAL EQUITY		3,950.2	15.18%	1.68	8.40	3.05	5.87	-15.03	-14.17	11.77	41.03	-46.95	-2.36	3.52	-4.00	7.76	6.35
MSCI WORLD INDEX				2.59	9.28	3.93	10.47	-4.42	-5.02	12.34	30.80	-40.33	8.77	8.50	-1.19	7.06	
	+/-			(0.91)	(0.88)	(0.88)	(4.60)	(10.62)	(9.16)	(0.57)	10.23	(6.62)	(11.13)	(4.98)	(2.81)	0.70	

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HEDGE FUNDS																	
TOTAL HEDGE FUNDS		576.1	2.21%	0.38	-0.06	0.64	1.63	-2.03	****	****	****	****	-1.87	****	****	****	-1.20
1 YEAR TREASURY BILL YIELD + 4%				0.35	1.09	0.78	2.81	4.26	****	****	****	****	4.22	****	****	****	
HFRI FUND OF FUNDS COMPOSITE INDEX + 1%				0.69	1.22	1.51	3.00	-3.45	****	****	****	****	0.07	****	****	****	
	+/-			0.04	(1.15)	(0.14)	(1.18)	(6.29)	****	****	****	****	(6.09)	****	****	****	
	+/-			(0.30)	(1.28)	(0.86)	(1.37)	1.42	****	****	****	****	(1.94)	****	****	****	
TOTAL DIRECT HEDGE FUNDS		428.5	1.65%	0.17	1.21	1.83	3.20	****	****	****	****	****	****	****	****	****	3.20
BLUE TREND FD		70.5	0.27%	****	****	6.03	****	****	****	****	****	****	****	****	****	****	6.03
BREVAN HOWARD LP		115.4	0.44%	****	0.09	2.37	-1.35	****	****	****	****	****	****	****	****	****	-1.35
D.E. SHAW COMPOSITE FD		123.2	0.47%	****	0.19	-0.07	4.83	****	****	****	****	****	****	****	****	****	4.83
BRIGADE LEV CAP STR		68.8	0.26%	****	1.38	1.26	****	****	****	****	****	****	****	****	****	****	2.75
CASPIAN SELECT CF		50.5	0.19%	****	1.05	1.05	****	****	****	****	****	****	****	****	****	****	1.05
HFRI FUND OF FUNDS COMPOSITE INDEX + 1%				0.69	1.22	1.51	3.00	****	****	****	****	****	****	****	****	****	
MSCI AC WORLD INDEX STD NET				2.17	8.69	3.57	9.43	****	****	****	****	****	****	****	****	****	
BARCLAYS CAPITAL AGGREGATE				0.07	1.49	1.45	3.85	****	****	****	****	****	****	****	****	****	
TOTAL DIRECT HEDGE FUNDS	+/-			(0.52)	(0.00)	0.32	0.20	****	****	****	****	****	****	****	****	****	
BLUE TREND FD	+/-			****	****	4.52	****	****	****	****	****	****	****	****	****	****	
BREVAN HOWARD LP	+/-			****	(1.13)	0.86	(4.35)	****	****	****	****	****	****	****	****	****	
D.E. SHAW COMPOSITE FD	+/-			****	(1.02)	(1.58)	1.83	****	****	****	****	****	****	****	****	****	
BRIGADE LEV CAP STR	+/-			****	0.17	(0.25)	****	****	****	****	****	****	****	****	****	****	
CASPIAN SELECT CF	+/-			****	(0.16)	(0.45)	****	****	****	****	****	****	****	****	****	****	
TOTAL PERMAL HEDGE FUNDS OF FUNDS		147.6	0.57%	1.03	-3.63	-2.70	-2.67	-2.95	****	****	****	****	-6.03	****	****	****	-4.78
HFRI FUND OF FUNDS COMPOSITE INDEX + 1%				0.69	1.22	1.51	3.00	-3.45	****	****	****	****	0.07	****	****	****	
	+/-			0.34	(4.85)	(4.21)	-5.67	0.50	****	****	****	****	(6.10)	****	****	****	
REITS																	
TOTAL REAL ESTATE EQUITY SECURITIES		136.4	0.52%	0.16	9.12	4.01	****	****	****	****	****	****	****	****	****	****	9.12
SSGA REIT MTA		136.4	0.52%	0.16	9.12	4.01	****	****	****	****	****	****	****	****	****	****	9.12
FTSE EPRA/NAREIT DEVELOPED INDEX USD				0.20	10.59	3.82	****	****	****	****	****	****	****	****	****	****	
TOTAL REAL ESTATE EQUITY SECURITIES	+/-			(0.03)	(1.47)	0.19	****	****	****	****	****	****	****	****	****	****	
SSGA REIT MTA	+/-			(0.03)	(1.47)	0.19	****	****	****	****	****	****	****	****	****	****	
FIXED INCOME																	
TOTAL STRUCTURED FIXED INCOME		5,192.8	19.96%	0.27	2.15	2.01	5.61	9.29	8.88	8.50	8.82	3.92	7.87	8.33	7.93	6.42	8.58
NYC - CORE PLUS FIVE				0.08	1.94	1.86	4.91	9.35	9.40	7.13	6.28	6.64	7.39	7.59	7.70	6.21	
	+/-			0.19	0.21	0.16	0.70	(0.06)	(0.53)	1.37	2.54	(2.72)	0.48	0.74	0.23	0.21	
ALL MORTGAGE		2,344.0	9.01%	0.31	1.36	1.17	3.73	5.84	6.24	7.50	8.53	4.00	4.80	6.56	6.74	5.55	7.37
PIMCO - MORTGAGE		779.1	2.99%	0.24	1.30	1.12	3.35	5.49	6.38	7.76	9.13	4.57	4.41	6.70	7.06	5.83	7.64
BLACKROCK		794.0	3.05%	0.44	1.60	1.29	4.86	6.73	5.93	8.39	10.58	2.59	5.85	7.14	7.15	5.72	6.52
NEUBERGER BERMAN -MORT		424.5	1.63%	0.29	1.21	1.16	2.95	4.90	6.27	****	****	****	3.95	****	****	****	5.52
WELLINGTON -MORT		173.0	0.66%	0.09	0.99	0.89	2.56	5.45	7.02	5.91	****	****	3.86	5.69	****	****	5.77
GOLDMAN SACHS -MORT		173.4	0.67%	0.28	1.22	1.22	3.40	6.14	6.20	6.08	****	****	4.85	5.67	****	****	5.78
CITIGROUP MORTGAGE INDEX				0.10	0.98	0.89	2.59	5.05	6.38	5.50	5.76	8.49	3.69	5.29	6.54	5.35	
ALL MORTGAGE	+/-			0.21	0.38	0.29	1.13	0.79	(0.13)	2.00	2.77	(4.49)	1.11	1.27	0.19	0.20	
PIMCO - MORTGAGE	+/-			0.14	0.32	0.23	0.76	0.43	0.01	2.26	3.37	(3.92)	0.73	1.41	0.52	0.48	
BLACKROCK	+/-			0.34	0.62	0.41	2.27	1.67	(0.45)	2.89	4.82	(5.90)	2.16	1.85	0.61	0.37	
NEUBERGER BERMAN -MORT	+/-			0.19	0.23	0.27	0.36	(0.15)	(0.10)	****	****	****	0.26	****	****	****	
WELLINGTON -MORT	+/-			(0.01)	0.01	(0.00)	(0.04)	0.40	0.65	0.41	****	****	0.17	0.40	****	****	
GOLDMAN SACHS -MORT	+/-			0.18	0.24	0.33	0.81	1.08	(0.18)	0.58	****	****	1.16	0.38	****	****	

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ALL INVESTMENT GRADE CREDIT	2,038.1	7.83%	0.46	3.64	3.20	8.30	9.53	7.98	9.47	18.91	-4.97	10.40	9.71	8.26	6.97	7.86
T. ROWE PRICE -CREDIT	672.8	2.59%	0.56	3.65	3.31	8.71	9.50	8.05	10.16	19.31	-3.64	10.60	10.23	8.86	7.23	8.13
BLACKROCK -CREDIT	527.6	2.03%	0.47	3.65	3.22	8.30	9.69	7.89	9.22	16.77	-4.88	10.56	9.39	7.88	6.76	7.35
PRUDENTIAL - CREDIT	492.9	1.89%	0.33	3.58	3.06	7.79	9.69	8.06	8.90	****	****	10.07	9.27	****	****	9.68
TAPLIN,CANIDA -CREDIT	150.7	0.58%	0.62	3.74	3.13	7.77	8.64	7.99	9.43	22.57	-11.39	9.77	9.88	7.04	****	6.51
PYRAMIS - CREDIT	150.1	0.58%	0.32	3.64	3.14	8.68	9.43	7.66	9.23	****	****	10.60	9.75	****	****	9.75
PRUDENTIAL-PRIVEST	44.0	0.17%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
NYC - INVESTMENT GRADE CREDIT			0.30	3.57	3.03	7.63	9.14	7.80	8.36	16.36	-4.06	9.63	8.86	7.61	6.51	
ALL INVESTMENT GRADE CREDIT +/-			0.16	0.07	0.17	0.67	0.39	0.18	1.11	2.55	(0.91)	0.77	0.85	0.65	0.47	
T. ROWE PRICE -CREDIT +/-			0.26	0.09	0.28	1.08	0.36	0.25	1.80	2.95	0.42	0.97	1.37	1.26	0.73	
BLACKROCK -CREDIT +/-			0.17	0.09	0.19	0.67	0.55	0.10	0.86	0.41	(0.82)	0.93	0.53	0.27	0.26	
PRUDENTIAL - CREDIT +/-			0.03	0.01	0.03	0.16	0.55	0.27	0.54	****	****	0.44	0.41	****	****	
TAPLIN,CANIDA -CREDIT +/-			0.32	0.17	0.11	0.14	(0.50)	0.20	1.07	6.21	(7.33)	0.14	1.02	(0.57)	****	
PYRAMIS - CREDIT +/-			0.02	0.07	0.12	1.04	0.30	(0.13)	0.87	****	****	0.97	****	****	****	
PRUDENTIAL-PRIVEST +/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
ALL TREASURY / AGENCY	810.6	3.12%	-0.31	0.90	1.60	5.05	18.60	18.28	9.42	-5.54	17.51	10.93	10.32	9.77	7.34	8.50
PIMCO	327.5	1.26%	-0.31	0.90	1.62	5.26	18.49	18.01	10.00	-4.67	16.59	10.87	10.60	9.94	7.47	8.43
STATE STREET -GOVT	162.4	0.62%	-0.33	0.89	1.57	4.93	18.69	18.50	8.90	****	****	10.92	10.16	****	****	10.33
BLACKROCK -GOVT	160.6	0.62%	-0.28	0.95	1.64	5.01	18.57	18.41	9.14	****	****	11.14	10.18	****	****	10.36
FISCHER,FRANCIS	160.1	0.62%	-0.34	0.88	1.55	4.76	18.79	18.47	9.01	-4.96	17.14	10.86	10.08	9.71	7.34	8.58
NYC - TREASURY AGENCY PLUS FIVE			-0.34	0.96	1.65	4.96	18.72	18.44	9.24	-7.44	18.91	10.89	10.17	9.56	7.15	
ALL TREASURY / AGENCY +/-			0.02	(0.06)	(0.05)	0.08	(0.12)	(0.16)	0.18	1.90	(1.40)	0.04	0.15	0.22	0.19	
PIMCO +/-			0.03	(0.06)	(0.03)	0.30	(0.23)	(0.43)	0.76	2.77	(2.32)	(0.02)	0.43	0.38	0.32	
STATE STREET -GOVT +/-			0.00	(0.07)	(0.08)	(0.03)	(0.03)	0.06	(0.34)	****	****	0.03	(0.01)	****	****	
BLACKROCK -GOVT +/-			0.06	(0.01)	(0.01)	0.05	(0.15)	(0.03)	(0.10)	****	****	0.24	0.01	****	****	
FISCHER,FRANCIS +/-			(0.01)	(0.08)	(0.10)	(0.21)	0.07	0.03	(0.23)	2.48	(1.77)	(0.04)	(0.09)	0.16	0.19	
PROGRESS FIXED																
TOTAL PROGRESS FIXED	69.7	0.27%	0.13	1.61	1.56	****	****	****	****	****	****	****	****	****	****	1.61
PIM AMBASSADOR MTA	17.3	0.07%	0.00	1.48	1.49	****	****	****	****	****	****	****	****	****	****	1.48
PIM GIA MTA	14.0	0.05%	0.16	1.99	1.70	****	****	****	****	****	****	****	****	****	****	1.99
PIM HILLSWICK MTA	7.0	0.03%	0.06	1.16	1.23	****	****	****	****	****	****	****	****	****	****	1.16
PIM NEW CENTURY MTA	17.4	0.07%	0.20	1.67	1.68	****	****	****	****	****	****	****	****	****	****	1.67
PIM PUGH CAP MTA	13.9	0.05%	0.19	1.56	1.53	****	****	****	****	****	****	****	****	****	****	1.56
BARCLAYS CAPITAL AGGREGATE			0.07	1.49	1.45	****	****	****	****	****	****	****	****	****	****	
TOTAL PROGRESS FIXED +/-			0.06	0.13	0.12	****	****	****	****	****	****	****	****	****	****	
PIM AMBASSADOR MTA +/-			(0.06)	(0.00)	0.05	****	****	****	****	****	****	****	****	****	****	
PIM GIA MTA +/-			0.10	0.51	0.25	****	****	****	****	****	****	****	****	****	****	
PIM HILLSWICK MTA +/-			(0.01)	(0.32)	(0.22)	****	****	****	****	****	****	****	****	****	****	
PIM NEW CENTURY MTA +/-			0.13	0.18	0.23	****	****	****	****	****	****	****	****	****	****	
PIM PUGH CAP MTA +/-			0.12	0.07	0.08	****	****	****	****	****	****	****	****	****	****	
HIGH YIELD																
TOTAL ENHANCED YIELD	1,546.0	5.94%	1.14	4.64	2.60	9.17	7.05	6.05	14.13	41.55	-19.09	12.33	13.08	9.10	10.03	8.35
CITIGROUP BB & B			1.05	5.09	2.95	9.87	8.45	6.58	13.35	40.37	-25.10	13.86	13.19	7.25	9.04	
+/-			0.09	(0.45)	(0.35)	(0.70)	(1.40)	(0.53)	0.78	1.18	6.01	(1.53)	(0.11)	1.85	0.99	

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LOOMIS SAYLES	291.0	1.12%	3.74	7.31	5.17	13.23	6.97	7.70	16.35	53.76	-23.36	15.52	16.86	11.19	12.30	9.59
NYC-LOOMIS (BofA ML-MST II 7-03/BB&B PRIOR)			1.21	5.24	3.15	10.44	6.51	4.38	15.19	57.51	-26.39	13.05	14.27	9.28	10.35	
+/-			2.53	2.07	2.03	2.79	0.45	3.32	1.16	(3.75)	3.03	2.47	2.58	1.91	1.95	
T. ROWE PRICE	368.8	1.42%	1.25	5.39	3.11	8.85	5.66	4.84	14.10	43.83	-20.16	11.91	12.55	8.81	****	8.36
NEUBERGER BERMAN	327.5	1.26%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
STONE HARBOR	228.4	0.88%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
FORT WASHINGTON	184.7	0.71%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
SHENKMAN	145.5	0.56%	0.77	4.30	2.07	7.83	7.01	5.10	11.88	29.17	-12.72	11.67	10.81	7.90	****	7.70
CITIGROUP BB & B			1.05	5.09	2.95	9.87	8.45	6.58	13.35	40.37	-25.10	13.86	13.19	7.25	****	
T. ROWE PRICE +/-			0.20	0.29	0.16	(1.02)	(2.78)	(1.74)	0.75	3.46	4.94	(1.95)	(0.64)	1.56	****	
NEUBERGER BERMAN +/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
STONE HARBOR +/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
FORT WASHINGTON +/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
SHENKMAN +/-			(0.28)	(0.79)	(0.88)	(2.03)	(1.43)	(1.47)	(1.47)	(11.20)	12.38	(2.19)	(2.37)	0.65	****	
BANK LOANS																
TOTAL BANK LOANS	369.7	1.42%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
BABSON BL MTA	159.7	0.61%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
CREDIT SUISSE BL MTA	140.0	0.54%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
GUGGENHEIM BL MTA	70.0	0.27%	****	****	****	****	****	****	****	****	****	****	****	****	****	****
CREDIT SUISSE LEVERAGED LOAN INDEX			****	****	****	****	****	****	****	****	****	****	****	****	****	
TOTAL BANK LOANS +/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
BABSON BL MTA +/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
CREDIT SUISSE BL MTA +/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
GUGGENHEIM BL MTA +/-			****	****	****	****	****	****	****	****	****	****	****	****	****	
TIPS																
TOTAL TIPS MANAGERS	538.7	2.07%	-0.14	1.14	1.66	5.77	12.07	13.52	6.45	10.13	-0.73	8.86	9.91	8.26	****	6.55
PIMCO-TIPS-MTA	269.4	1.04%	-0.08	1.18	1.70	6.06	12.36	13.34	6.57	10.24	-0.88	9.37	9.97	8.32	****	6.52
STATE STREET-TIPS-MTA	157.8	0.61%	-0.18	1.10	1.64	5.64	11.68	13.61	6.34	10.00	-0.96	8.29	9.89	8.13	****	6.79
BLACKROCK-TIPS	111.5	0.43%	-0.25	1.08	1.58	5.26	11.95	13.82	6.34	10.02	-0.03	8.46	9.80	8.31	****	7.12
BARCLAYS CAPITAL US TIPS INDEX			-0.29	1.04	1.60	5.71	11.66	13.56	6.37	11.41	-2.35	8.29	9.88	8.12	****	
TOTAL TIPS MANAGERS +/-			0.14	0.10	0.06	0.06	0.41	(0.04)	0.08	(1.28)	1.62	0.57	0.03	0.14	****	
PIMCO-TIPS-MTA +/-			0.21	0.15	0.10	0.35	0.70	(0.22)	0.20	(1.17)	1.47	1.08	0.09	0.20	****	
STATE STREET-TIPS-MTA +/-			0.11	0.06	0.04	(0.07)	0.02	0.05	(0.03)	(1.41)	1.39	(0.00)	0.01	0.01	****	
BLACKROCK-TIPS +/-			0.04	0.04	(0.02)	(0.45)	0.29	0.26	(0.03)	(1.39)	2.32	0.16	(0.08)	0.20	****	
CONVERTIBLE BONDS																
TOTAL CONVERTIBLE BONDS	247.0	0.95%	2.00	5.07	2.81	8.35	-2.40	-3.62	14.57	33.18	****	7.48	8.99	****	****	4.92
BofA ML ALL CONVERTIBLES EX MANDATORY			2.15	4.99	2.77	9.87	-1.68	-3.42	16.52	47.19	****	9.02	11.03	****	****	
POLICE CUSTOM CONVERTIBLES BOND INDEX			1.99	4.66	2.80	8.81	-1.59	-3.33	12.53	39.96	****	7.54	8.85	****	****	
+/-			(0.15)	0.08	0.04	(1.53)	(0.72)	(0.20)	(1.95)	(14.01)	****	(1.55)	(2.03)	****	****	
+/-			0.02	0.42	0.01	(0.46)	(0.81)	(0.29)	2.04	(6.78)	****	(0.06)	0.14	****	****	

THE BANK OF NEW YORK MELLON
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	Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/12	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Calendar Yr Ending 2008	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
ADVENT CONVERTIBLE BONDS	89.6	0.34%	1.67	4.96	2.79	8.65	-0.58	-2.11	14.92	36.65	****	8.27	9.56	****	****	7.40
BofA ML CONVERTIBLES YIELD ALT. INDEX			1.57	3.85	2.33	7.60	-0.41	-1.73	12.98	46.25	****	6.03	9.20	****	****	
+/-			0.09	1.12	0.46	1.04	(0.18)	(0.39)	1.94	(9.60)	****	2.24	0.36	****	****	
LORD ABBETT CONVERTIBLE BONDS	80.4	0.31%	2.46	5.10	2.83	8.40	-4.91	-5.76	17.06	35.43	****	6.88	9.61	****	****	3.95
BofA ML ALL CONVERTIBLES INDEX			2.41	5.14	3.02	9.81	-3.22	-5.18	16.77	49.13	****	8.39	10.51	****	****	
+/-			0.05	(0.03)	(0.19)	(1.41)	(1.70)	(0.58)	0.29	(13.70)	****	(1.50)	(0.89)	****	****	
VICTORY CONVERTIBLE BONDS	77.1	0.30%	1.92	5.17	2.82	7.94	-1.78	-3.05	11.64	27.40	****	7.18	7.73	****	****	3.29
BofA ML CONVERTIBLE BONDS INVST GRADE			1.98	4.98	3.05	8.97	-1.23	-3.14	7.89	25.49	****	8.12	6.78	****	****	
+/-			(0.06)	0.18	(0.23)	(1.03)	(0.55)	0.09	3.75	1.91	****	(0.94)	0.95	****	****	
OPPORTUNISTIC FIXED																
TOTAL OPPORTUNISTIC FIXED MANAGERS^^	339.7	1.31%	2.70	4.37	3.42	17.97	-2.53	-4.67	26.77	23.34	-8.63	5.76	22.13	****	****	21.16
JP MORGAN GLOBAL HIGH YIELD PLUS 3%			1.51	5.80	3.59	12.35	10.67	8.73	18.05	61.90	-23.83	16.78	17.92	****	****	
+/-			1.18	(1.43)	(0.18)	5.62	(13.20)	(13.39)	8.72	(38.56)	15.20	(11.02)	4.21	****	****	
^^ since inception irr calculated from Burgis as of 5/31/2012																
TOTAL FUND STRATEGIES	120.7	0.46%	****	****	****	****	****	****	****	****	****	****	****	****	****	5.41
AVE EURO SPECIAL SITUATION FD	3.2	0.01%	14.54	-51.12	-0.67	3.07	-24.82	-0.86	4.58	68.35	****	-29.54	10.94	****	****	14.54
AVE SPECIAL SITUATIONS FD V	1.4	0.01%	10.89	-24.67	0.00	7.42	-25.95	-4.18	19.07	76.44	****	-27.27	35.10	****	****	10.89
AVE SPECIAL SITUATIONS FD VI	40.5	0.16%	-3.22	-1.46	0.00	9.60	-1.75	-14.53	33.90	63.62	****	-1.67	N/A	****	****	-3.22
TORCHLIGHT INVESTORS**	36.6	0.14%	1.31	3.21	1.31	10.15	****	0.72	5.43	14.94	****	8.38	7.38	****	****	8.40
3 MONTH LIBOR PLUS 750BPS			0.64	1.93	1.28	5.25	7.96	7.85	7.85	8.16	10.11	7.98	7.87	****	****	
AVE EURO SPECIAL SITUATION FD +/-			13.90	(53.05)	(1.95)	(2.18)	(32.78)	(8.71)	(3.27)	60.19	****	(37.52)	3.07	****	****	
AVE SPECIAL SITUATIONS FD V +/-			10.25	(26.60)	(1.28)	2.17	(33.91)	(12.03)	11.22	68.28	****	(35.25)	27.23	****	****	
AVE SPECIAL SITUATIONS FD VI +/-			(3.86)	(3.39)	(1.28)	4.35	(9.71)	(22.38)	26.05	55.46	****	****	****	****	****	
TORCHLIGHT INVESTORS +/-			0.67	1.28	0.03	4.90	****	(7.13)	(2.42)	6.78	****	0.40	(0.49)	****	****	
** GP reproted return as of 7/31/2012																
ALLIANCE BERNSTEIN LEGACY SECS LP	13.0	0.05%	****	****	****	****	****	****	****	****	****	****	****	****	****	15.89
AG GECC LP	26.1	0.10%	****	****	****	****	****	****	****	****	****	****	****	****	****	21.57
NYC-CORE PLUS 5 + 200BPS			0.24	2.40	2.15	6.18	11.35	11.40	9.13	8.28	8.64	9.39	9.59	9.70	****	
TOTAL STRATEGIC MANDATES	219.0	0.84%	4.15	6.72	5.73	16.56	****	****	****	****	****	****	****	****	****	16.56
ANGELO GORDON PTNRS LP	31.5	0.12%	0.21	****	0.21	****	****	****	****	****	****	****	****	****	****	0.21
APOLLO PTNRS LP	43.3	0.17%	25.43	25.43	25.43	****	****	****	****	****	****	****	****	****	****	25.45
FORTRESS PTNRS LP	12.3	0.05%	-0.29	-0.29	-0.29	****	****	****	****	****	****	****	****	****	****	-0.29
GOLDENTREE OD MTA	62.0	0.24%	-6.09	-3.59	-4.62	1.62	****	****	****	****	****	****	****	****	****	1.62
MARATHON OD MTA	69.9	0.27%	3.62	8.90	7.02	20.80	****	****	****	****	****	****	****	****	****	20.80
JP MORGAN GLOBAL HIGH YIELD BOND INDEX			1.31	5.28	3.23	10.89	****	****	****	****	****	****	****	****	****	
JP MORGAN GLOBAL HIGH YIELD PLUS 3%			1.51	5.80	3.59	12.35	****	****	****	****	****	****	****	****	****	
TOTAL STRATEGIC MANDATES +/-			2.63	0.92	2.13	4.21	****	****	****	****	****	****	****	****	****	
ANGELO GORDON PTNRS LP +/-			(1.31)	****	(3.39)	****	****	****	****	****	****	****	****	****	****	
APOLLO PTNRS LP +/-			23.92	19.63	21.84	****	****	****	****	****	****	****	****	****	****	
FORTRESS PTNRS LP +/-			(1.80)	(6.09)	(3.88)	****	****	****	****	****	****	****	****	****	****	
GOLDENTREE OD MTA +/-			(7.61)	(9.39)	(8.22)	(10.73)	****	****	****	****	****	****	****	****	****	
MARATHON OD MTA +/-			2.11	3.09	3.42	8.45	****	****	****	****	****	****	****	****	****	

THE BANK OF NEW YORK MELLON
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CORE PLUS FIXED INCOME																	
TOTAL CORE PLUS FIXED INCOME		31.8	0.12%	0.33	2.39	2.00	5.17	7.65	8.18	7.57	****	****	6.89	7.91	****	****	8.88
LM CAPITAL-MTA		31.8	0.12%	0.33	2.39	2.00	5.17	7.65	8.18	7.57	****	****	6.89	7.91	****	****	8.88
BARCLAYS CAPITAL AGGREGATE				0.07	1.49	1.45	3.85	7.47	7.84	6.54	****	****	5.78	6.51	****	****	
TOTAL CORE PLUS FIXED INCOME	+/-			0.26	0.91	0.55	1.32	0.18	0.34	1.03	****	****	1.11	1.40	****	****	
LM CAPITAL-MTA	+/-			0.26	0.91	0.55	1.32	0.18	0.34	1.03	****	****	1.11	1.40	****	****	
OTHER FIXED INCOME																	
TOTAL ETI		267.2	1.03%	0.45	1.73	0.45	4.60	6.96	6.42	7.21	8.24	6.51	6.56	6.75	7.30	6.45	9.98
POLICE CUSTOM BENCHMARK (NO CASH)				****	****	****	****	6.67	7.74	6.54	5.25	7.04	****	****	****	****	
	+/-			****	****	****	****	0.29	(1.32)	0.67	2.99	(0.53)	****	****	****	****	
AFL-CIO HOUSING INV TRUST		115.8	0.45%	0.19	1.33	1.18	3.85	7.60	7.86	6.16	6.28	5.26	6.28	6.30	6.69	****	5.35
BARCLAYS CAPITAL AGGREGATE				0.07	1.49	1.45	3.85	7.47	7.84	6.54	5.93	5.24	5.78	6.51	6.66	****	
	+/-			0.12	(0.16)	(0.27)	(0.00)	0.13	0.02	(0.38)	0.35	0.02	0.50	(0.21)	0.03	****	
ACCESS RBC		26.3	0.10%	0.27	1.71	0.27	3.76	6.57	6.78	5.36	10.99	6.67	5.47	5.85	7.44	****	6.88
ACCESS CUSTOM BENCHMARK				0.08	0.80	0.83	2.37	5.24	6.32	5.52	****	****	3.36	5.01	6.16	****	
	+/-			0.19	0.92	(0.56)	1.39	1.33	0.46	(0.16)	****	****	2.12	0.83	1.28	****	
BOA-PPAR		6.2	0.02%	0.69	2.27	1.50	4.66	6.84	****	****	****	****	7.34	****	****	****	6.73
CFSB-PPAR		1.2	0.00%	0.15	2.58	1.27	5.66	5.67	3.29	12.80	9.82	5.50	6.05	8.22	8.08	****	7.54
CCD-PPAR		2.7	0.01%	0.70	2.52	1.56	7.72	8.83	5.59	11.58	12.48	6.69	9.62	9.37	9.51	****	8.96
LIIF-PPAR		0.9	0.00%	-0.01	1.26	0.76	3.79	5.72	4.96	4.34	****	****	5.34	5.50	****	****	5.48
NCBCI-PPAR		0.7	0.00%	0.60	2.95	2.17	6.14	8.88	8.50	4.10	****	****	10.21	7.04	****	****	7.00
NHS-PPAR		0.6	0.00%	0.91	2.63	1.80	6.06	5.04	3.85	9.95	14.83	5.41	6.34	8.25	8.35	****	8.35
TARGETED INVESTMENT		102.8	0.40%	0.81	2.25	1.60	5.87	6.85	5.31	9.20	10.07	8.19	7.51	7.92	8.38	7.46	10.32
CPC TERM LOAN		10.1	0.04%	0.24	0.65	0.44	1.70	2.34	2.09	2.06	2.20	4.81	2.45	2.19	3.04	****	3.45
CASH																	
TOTAL CASH		495.3	1.90%	0.02	0.08	0.05	0.32	0.49	0.41	0.66	1.30	3.82	0.44	0.56	1.66	****	2.62
ML 91 DAY TREASURY BILL INDEX				0.01	0.03	0.02	0.06	0.06	0.10	0.13	0.21	2.06	0.06	0.12	0.80	1.84	
	+/-			0.01	0.05	0.03	0.26	0.43	0.31	0.53	1.09	1.76	0.38	0.45	0.86	****	
PRIVATE EQUITY																	
TOTAL PRIVATE EQUITY		1,878.9	7.22%	0.15	1.34	-0.56	6.35	8.62	14.23	18.45	-6.93	-4.53	5.64	14.59	6.11	****	13.17
RUSSELL 3000 PLUS 5%				3.03	8.58	4.43	15.83	8.84	6.03	21.93	33.34	-32.30	22.03	18.83	6.56	12.05	
	+/-			(2.88)	(7.24)	(4.99)	(9.48)	(0.22)	8.21	(3.48)	(40.27)	27.77	(16.38)	(4.24)	(0.44)	****	
PRIVATE REAL ESTATE																	
TOTAL PRIVATE REAL ESTATE		754.1	2.90%	0.94	1.86	-1.00	8.12	14.88	20.18	7.84	-42.93	-5.29	10.44	7.83	-5.15	****	4.48
NCREIF NFI-ODCE NET				0.00	2.29	0.00	4.90	11.31	14.97	15.26	-30.40	-10.70	11.31	7.37	-1.81	****	
	+/-			0.94	(0.43)	(1.00)	3.22	3.57	5.22	(7.42)	(12.53)	5.41	(0.87)	0.46	(3.34)	****	
TOTAL POLICE		26,020.8		1.53	4.96	2.39	8.45	0.87	0.84	13.96	21.41	-27.51	8.48	10.16	2.43	7.52	8.48
POLICE POLICY BENCHMARK				1.49	5.83	2.84	9.59	3.26	1.23	13.64	25.68	-28.61	11.43	11.02	3.09	7.71	
	+/-			0.04	(0.87)	(0.45)	(1.14)	(2.39)	(0.40)	0.32	(4.27)	1.10	(2.95)	(0.86)	(0.66)	(0.19)	

New York City Police Pension Fund, Subchapter 2
Active Investments and Subsequent Commitments
As of March 31, 2012 (in USD)

Vintage Year	Investment	First Drawdown	Committed Capital	Net Contributed Capital	Net Distributed Capital	Market Value	Multiple	IRR
Active Investments								
1998	VS&A Communications Partners III, L.P.	12/15/1998	$ 20,000,000	$ 20,025,450	$ 25,529,961	$ 1,807,886	1.37x	6.3%
1999	Cypress Merchant Banking Partners II, L.P.	3/29/1999	50,000,000	49,853,018	36,663,028	5,190,348	0.84x	(3.7%)
1999	FdG Capital Partners LLC	6/2/1999	50,000,000	48,605,531	76,227,089	10,497,868	1.78x	15.2%
1999	Lincolnshire Equity Fund II, L.P.	10/20/1999	12,000,000	11,226,962	19,875,857	2,608,825	2.00x	25.1%
2000	Carlyle Partners III, L.P.	3/1/2000	25,000,000	22,774,940	51,276,751	2,822,090	2.38x	23.3%
2000	Solera Partners, L.P.	5/26/2000	10,000,000	9,155,243	658,650	17,181,450	1.95x	9.1%
2000	SCP Private Equity Partners II, L.P.	6/15/2000	25,000,000	25,427,595	5,665,781	11,381,214	0.67x	(5.6%)
2001	New Mountain Partners, L.P.	3/16/2001	15,000,000	12,224,703	16,290,814	1,705,001	1.47x	12.8%
2001	Apollo Investment Fund V, L.P.	4/13/2001	35,000,000	32,504,044	72,671,903	12,778,405	2.63x	39.2%
2001	Prism Venture Partners IV, L.P.	7/12/2001	25,000,000	25,037,757	15,281,511	4,398,173	0.79x	(5.0%)
2001	CVC European Equity Partners III, L.P.	9/4/2001	25,000,000	24,001,319	60,337,854	8,947,210	2.89x	41.4%
2002	Yucaipa American Alliance Fund I, LP	7/1/2002	20,000,000	20,030,746	12,384,623	13,905,545	1.31x	7.9%
2002	Coller International Partners IV, L.P.	7/2/2002	30,000,000	26,589,334	28,594,087	10,288,798	1.46x	15.0%
2002	Landmark Equity Partners XI, L.P.	10/23/2002	30,000,000	28,296,063	35,673,185	6,975,957	1.51x	24.8%
2003	FS Equity Partners V, L.P.	1/20/2003	15,000,000	12,008,175	10,410,626	13,581,943	2.00x	16.3%
2003	Blackstone Capital Partners IV, L.P.	2/26/2003	50,000,000	44,456,891	79,443,846	36,870,004	2.62x	38.2%
2003	Ares Corporate Opportunities Fund, L.P.	4/1/2003	35,000,000	33,763,636	37,882,684	15,143,486	1.57x	13.4%
2004	Markstone Capital Partners, LP	1/30/2004	10,000,000	9,165,576	3,160,363	5,506,544	0.95x	(1.5%)
2004	Euro Choice II (Delaware) L.P.	2/25/2004	20,008,003	18,960,732	5,999,944	17,665,403	1.25x	5.6%
2004	FdG Capital Partners II LP	8/30/2004	25,000,000	19,708,821	6,829,091	16,545,228	1.19x	3.2%
2004	Paladin Homeland Security Fund (NY City), L.P.	9/27/2004	30,000,000	30,185,554	3,454,589	11,744,465	0.50x	(12.6%)
2004	Lincolnshire Equity Fund III, L.P.	10/1/2004	15,000,000	12,385,021	16,396,421	8,282,114	1.99x	38.7%
2004	Palladium Equity Partners III, L.P.	11/12/2004	25,000,000	20,505,766	7,411,793	23,861,341	1.53x	14.6%
2004	Aurora Equity Partners III L.P.	11/16/2004	15,000,000	15,159,552	7,333,398	15,139,331	1.48x	13.8%
2004	Trilantic Capital Partners III L.P.	11/18/2004	20,000,000	16,861,321	21,950,865	6,379,715	1.68x	15.3%
2004	Medica III Investments (International) L.P.	12/1/2004	10,000,000	9,331,638	4,237,089	5,133,000	1.00x	0.2%
2004	Celtic Pharmaceutical Holdings L.P.	12/23/2004	10,000,000	10,160,838	160,838	16,808,286	1.67x	11.3%
2005	New Mountain Partners II, L.P.	1/12/2005	7,741,935	6,053,779	4,457,493	5,316,959	1.61x	10.5%
2005	VSS Communications Partners IV, L.P.	3/14/2005	12,500,000	12,493,888	1,629,261	8,481,756	0.81x	(5.1%)
2005	Carlyle Partners IV, L.P.	4/29/2005	50,000,000	46,866,959	32,796,096	52,382,024	1.82x	13.1%
2005	Levine Leichtman Capital Partners Deep Value Fund, L.P.	5/18/2005	20,000,000	22,591,554	10,416,528	14,581,090	1.11x	3.3%
2005	Prism Venture Partners V-A, L.P.	7/14/2005	20,000,000	19,000,000	4,690,587	9,371,601	0.74x	(9.4%)
2005	Arlington Capital Partners II, L.P.	7/29/2005	20,000,000	18,550,535	6,286,287	17,662,447	1.29x	7.8%
2005	Quadrangle Capital Partners II LP	8/29/2005	25,000,000	18,822,006	4,381,096	16,495,599	1.11x	2.8%
2005	Snow Phipps Group, L.P.	9/7/2005	10,000,000	9,103,831	3,118,648	9,276,601	1.36x	12.8%
2005	GI Partners Fund II L.P.	9/26/2005	12,500,000	12,417,309	4,616,997	11,493,878	1.30x	5.8%
2005	Blackstone Mezzanine Partners II, L.P.	10/10/2005	14,000,000	12,371,505	8,436,882	7,687,630	1.30x	8.3%
2005	Psilos Group Partners III, L.P.	10/24/2005	12,500,000	11,562,029	555,014	14,373,643	1.29x	8.3%
2005	FirstMark IV, L.P.	11/21/2005	10,000,000	9,745,444	8,195,462	12,138,993	2.09x	35.8%
2005	USPF II Institutional Fund, L.P.	11/23/2005	20,000,000	18,064,776	5,835,241	17,290,785	1.28x	5.9%
2005	Bridgepoint Europe III	12/6/2005	15,472,856	14,480,947	2,799,071	12,516,938	1.06x	1.3%
2005	JP Morgan Fleming (Tranche A)	12/21/2005	40,000,000	29,936,912	5,711,716	29,753,594	1.18x	5.9%
2006	Aisling Capital II, LP	1/12/2006	2,500,000	2,306,800	400,668	1,578,737	0.86x	(4.2%)
2006	InterMedia Partners VII, L.P.	1/20/2006	12,500,000	11,690,543	165,968	15,239,243	1.32x	6.4%
2006	Falconhead Capital Partners II, L.P.	1/24/2006	15,000,000	15,367,460	2,778,131	17,047,249	1.29x	8.4%
2006	Terra Firma Capital Partners III, L.P.	3/8/2006	15,072,696	12,323,201	330,718	5,496,891	0.47x	(21.9%)
2006	Fenway Partners Capital Fund III, L.P.	3/29/2006	15,000,000	14,966,195	495,220	11,161,938	0.78x	(7.8%)
2006	Blackstone Capital Partners V, L.P.	4/13/2006	42,875,000	40,278,466	3,637,289	39,307,802	1.07x	1.7%
2006	Avista Capital Partners, L.P.	4/27/2006	20,000,000	19,370,162	11,171,094	15,709,645	1.39x	8.3%
2006	GSC Recovery III, L.P.	5/4/2006	5,000,000	5,026,983	2,592,933	2,321,150	0.98x	(0.8%)
2006	Apollo Investment Fund VI, L.P.	5/10/2006	45,000,000	40,253,658	5,850,680	49,647,520	1.38x	7.9%
2006	Landmark Equity Partners XIII, L.P.	5/11/2006	10,000,000	9,143,691	5,238,300	5,090,808	1.13x	4.0%
2006	Ares Corporate Opportunities Fund II, L.P.	5/23/2006	15,000,000	12,690,342	10,431,391	11,251,040	1.71x	13.8%
2006	Atlantic Equity Partners IV, L.P.	7/12/2006	20,000,000	16,339,086	-	8,938,595	0.55x	(15.6%)
2006	CCMP Capital Investors II, L.P.	8/17/2006	20,000,000	14,120,219	3,259,043	18,064,492	1.51x	15.0%
2006	Capital Partners Private Equity Income Fund, L.P.	8/23/2006	15,000,000	13,787,360	6,629,886	13,441,529	1.46x	17.9%
2006	Perseus Partners VII, L.P.	8/31/2006	15,000,000	13,496,435	24,985	12,183,403	0.90x	(3.3%)
2006	NB Co-Investment Partners LP	9/28/2006	60,000,000	52,725,195	27,366,652	41,739,923	1.31x	8.5%
2006	Euro Choice III L.P.	11/21/2006	26,143,791	22,892,877	2,529,406	19,294,575	0.95x	(2.2%)
2006	Thomas, McNerney & Partners II, L.P.	11/30/2006	10,000,000	7,875,000	1,026,453	6,523,031	0.96x	(1.7%)
2006	Catterton Partners VI, L.P.	12/14/2006	20,000,000	15,537,517	1,576,842	21,885,496	1.51x	10.8%
2006	First Reserve Fund XI, L.P.	12/14/2006	20,000,000	19,073,698	5,765,285	16,489,037	1.17x	5.1%
2006	Permira IV, L.P.	12/14/2006	15,606,242	13,888,685	1,255,354	15,599,498	1.21x	5.8%
2006	Arsenal Capital Partners II, LP	12/19/2006	10,000,000	9,730,671	697	13,999,053	1.44x	14.3%
2006	RRE Ventures IV, L.P.	12/19/2006	15,000,000	14,053,173	1,455,481	17,992,186	1.38x	12.0%
2006	Coller International Partners V, L.P.	12/21/2006	10,000,000	8,221,866	3,414,743	6,559,261	1.21x	8.1%
2006	MidOcean Partners III, L.P.	12/21/2006	40,000,000	27,719,844	377,049	24,581,754	0.90x	(3.3%)
2006	GF Capital Private Equity Fund, L.P.	12/22/2006	10,000,000	8,519,432	29,916	12,228,950	1.44x	15.8%
2006	The Fourth Cinven Fund	1/22/2007	13,602,004	11,397,639	2,095,989	12,639,234	1.29x	7.4%
2007	Pegasus Partners IV, L.P.	1/29/2007	15,000,000	14,358,639	5,320,446	21,258,883	1.85x	21.6%
2007	Olympus Capital Asia III, L.P.	1/31/2007	20,000,000	10,845,648	2,656,446	5,544,648	0.76x	(13.1%)
2007	FTVentures III, L.P.	3/1/2007	7,500,000	4,364,482	5,103	8,512,119	1.95x	18.3%
2007	Highland Consumer Fund I LP	3/16/2007	10,000,000	7,716,060	-	5,519,123	0.72x	(11.7%)
2007	Montreux Equity Partners IV, L.P.	3/27/2007	10,000,000	8,020,000	979,586	7,526,040	1.06x	2.4%
2007	Gleacher Mezzanine Fund II, L.P.	3/30/2007	10,000,000	6,718,910	2,799,417	4,816,488	1.13x	7.5%
2007	Quaker BioVentures II, L.P.	3/30/2007	15,000,000	8,777,569	612,538	7,284,081	0.90x	(4.9%)
2007	SCP Vitalife Partners II Fund	4/13/2007	15,000,000	10,424,774	1,184	8,683,917	0.83x	(8.2%)
2007	Comvest Investment Partners III, L.P.	5/15/2007	15,000,000	13,236,421	5,584,526	10,426,602	1.21x	8.4%
2007	Constellation Venture Capital III, L.P.	5/22/2007	15,000,000	13,499,157	-	12,153,321	0.90x	(5.5%)
2007	United States Power Fund III, L.P.	6/28/2007	15,000,000	11,689,610	1,140,000	10,814,364	1.02x	0.7%
2007	Carlyle Partners V, L.P.	7/6/2007	50,000,000	30,949,806	5,603,182	33,894,569	1.28x	9.3%
2007	PCG Clean Energy & Technology Fund (East), LLC	7/6/2007	40,000,000	30,050,755	1,829,294	26,182,435	0.93x	(3.2%)
2007	GSO Capital Opportunities Fund LP	7/16/2007	17,500,000	16,751,232	7,307,434	15,713,544	1.37x	17.0%

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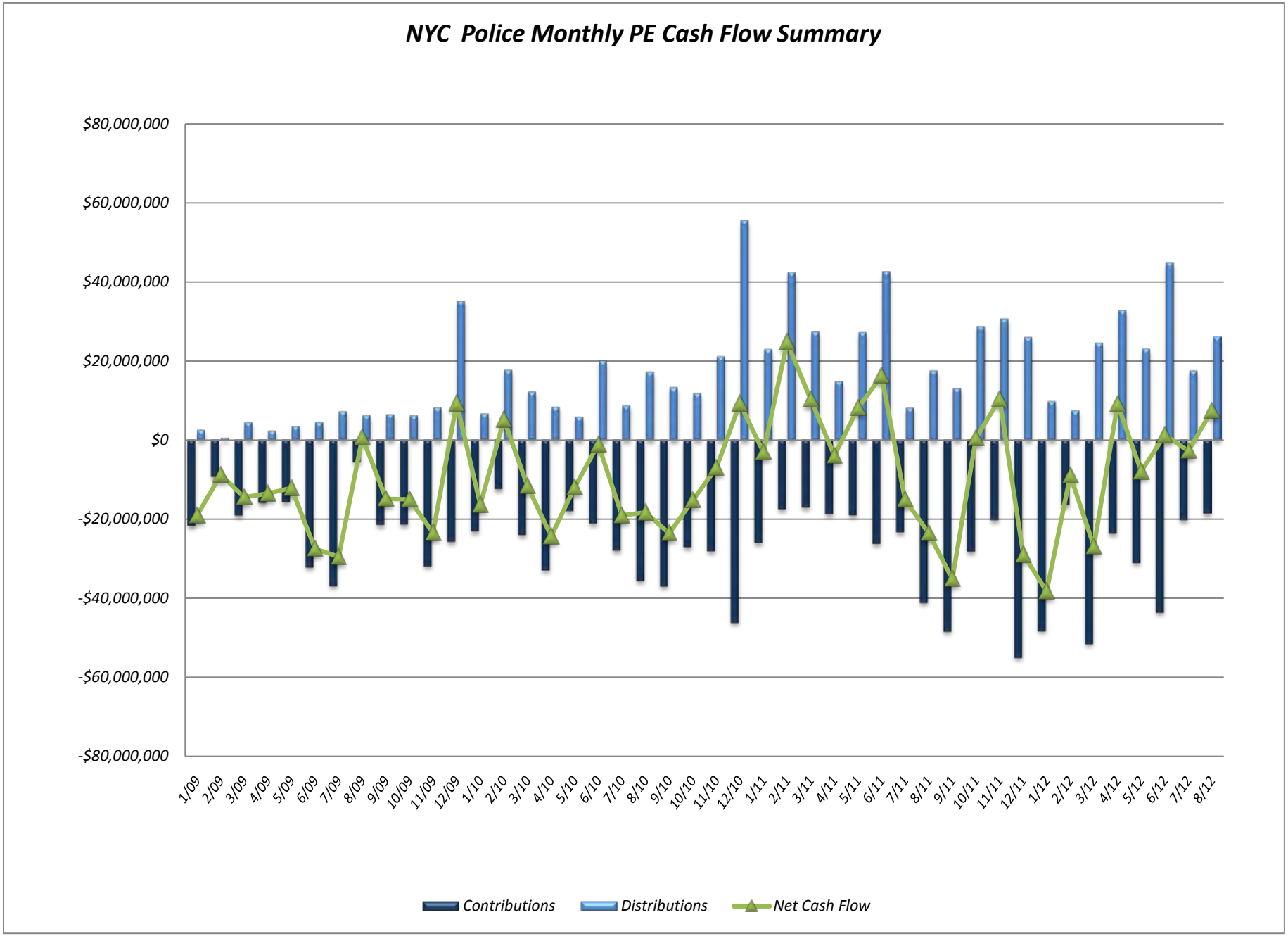
New York City Police Pension Fund, Subchapter 2
Active Investments and Subsequent Commitments
As of March 31, 2012 (in USD)

Vintage Year	Investment	First Drawdown	Committed Capital	Net Contributed Capital	Net Distributed Capital	Market Value	Multiple	IRR
2007	New Mountain Partners III, L.P.	8/9/2007	35,000,000	21,920,244	3,086,675	21,584,704	1.13x	5.6%
2007	Vista Equity Partners Fund III, L.P.	10/3/2007	20,000,000	17,507,350	9,639,379	27,406,234	2.12x	29.6%
2007	Trilantic Capital Partners IV L.P.	10/22/2007	45,856,523	40,161,993	14,428,149	37,571,916	1.29x	13.9%
2008	Paladin III (NY City), L.P.	1/8/2008	30,000,000	16,430,718	3,008,636	15,441,922	1.12x	4.2%
2008	Pine Brook Capital Partners, L.P.	1/11/2008	15,000,000	9,925,119	3,391,472	9,308,248	1.28x	14.8%
2008	Relativity Fund, L.P.	1/17/2008	15,000,000	7,278,606	60,910	3,269,752	0.46x	(32.2%)
2008	Apollo Investment Fund VII, L.P.	1/28/2008	50,000,000	31,656,021	7,571,705	39,526,732	1.49x	21.5%
2008	NGN BioMed Opportunity II, L.P.	2/11/2008	10,000,000	6,125,911	11,844	4,394,062	0.72x	(13.5%)
2008	Carpenter Community BancFund-A, L.P.	2/12/2008	15,000,000	11,854,482	65,433	13,406,616	1.14x	5.5%
2008	Riverstone/Carlyle Global Energy & Power Fund IV, L.P.	3/3/2008	15,000,000	11,512,900	3,097,737	13,932,082	1.48x	20.5%
2008	Yucaipa American Alliance Fund II, LP	3/28/2008	50,000,000	48,510,982	3,487,376	61,742,936	1.34x	16.1%
2008	Milestone Partners III, L.P.	4/7/2008	15,000,000	12,918,019	609,056	15,456,911	1.24x	10.3%
2008	Levine Leichtman Capital Partners IV, L.P.	4/8/2008	10,000,000	6,340,340	709,960	8,403,640	1.44x	26.6%
2008	Lee Equity Partners Fund, L.P.	4/23/2008	20,000,000	8,565,704	1,373,168	6,036,964	0.87x	(5.4%)
2008	Coral's 2007 Institutional Momentum Fund, L.P.	5/13/2008	10,000,000	8,492,863	-	8,554,969	1.01x	0.3%
2008	Yucaipa Corporate Initiatives Fund II, LP	6/23/2008	15,000,000	9,446,394	8,784	4,852,996	0.51x	(40.0%)
2008	CVC European Equity Partners V, L.P.	7/21/2008	33,346,672	21,777,358	1,829,433	23,526,101	1.16x	8.7%
2008	GI Partners Fund III L.P.	7/29/2008	17,500,000	13,973,411	962,621	16,511,736	1.25x	15.9%
2008	Ares Corporate Opportunities Fund III, L.P.	7/30/2008	25,000,000	15,724,122	5,539,397	20,220,075	1.64x	26.7%
2008	CS NYCPPF Emerging Manager Co-Investment Fund, L.P.	8/22/2008	9,090,909	5,000,871	886,087	5,756,903	1.33x	13.0%
2008	CS NYCPPF Emerging Manager Fund, L.P.	8/22/2008	59,909,091	21,008,937	1,746,117	19,083,009	0.99x	(0.6%)
2008	First Reserve Fund XII, L.P.	8/25/2008	20,000,000	14,428,342	845,265	14,707,248	1.08x	3.8%
2008	Landmark Equity Partners XIV, L.P.	9/19/2008	27,250,000	12,685,873	3,093,109	12,125,935	1.20x	21.8%
2008	Crestview Partners II, L.P.	10/1/2008	22,500,000	12,068,984	832,402	14,873,445	1.30x	16.4%
2008	Erasmus New York City Growth Fund IA	10/17/2008	40,000,000	4,835,960	-	3,220,276	0.67x	(11.6%)
2008	Euro Choice IV L.P.	10/22/2008	20,008,003	7,717,469	56,896	6,723,740	0.88x	(11.1%)
2008	Avista Capital Partners II, L.P.	11/5/2008	35,000,000	25,878,673	1,867,498	32,803,585	1.34x	14.7%
2008	Blue Wolf Capital Fund II, L.P.	11/14/2008	15,000,000	10,742,904	3,584,757	9,319,092	1.20x	16.3%
2008	Bridgepoint Europe IV	11/14/2008	13,338,669	8,597,861	-	8,771,684	1.02x	1.7%
2008	Aisling Capital III, LP	11/20/2008	7,000,000	2,224,768	53,443	1,769,154	0.82x	(16.2%)
2008	Onex Partners III LP	12/10/2008	15,000,000	7,001,617	113,387	6,513,122	0.95x	(3.9%)
2009	NorthBound Emerging Manager Custom Fund LP	1/29/2009	20,000,000	9,087,596	375,986	10,140,429	1.16x	10.7%
2009	Welsh, Carson, Anderson & Stowe XI, L.P.	2/10/2009	22,500,000	11,484,455	-	12,726,395	1.11x	7.5%
2009	Scale Venture Partners III, LP	5/1/2009	10,000,000	6,682,553	1,160	10,757,448	1.61x	38.8%
2009	FS Equity Partners VI, L.P.	7/27/2009	20,000,000	10,805,547	91,801	10,526,421	0.98x	(1.4%)
2009	Lincolnshire Equity Fund IV, L.P.	8/5/2009	7,500,000	1,663,860	-	1,174,060	0.71x	(23.5%)
2009	Lexington Capital Partners VII, L.P.	12/3/2009	20,000,000	7,856,043	1,015,759	8,901,412	1.26x	21.0%
2010	Snow Phipps II, L.P.	1/8/2010	17,500,000	5,587,074	34,948	6,243,640	1.12x	NM
2010	Trident V, L.P.	4/29/2010	40,000,000	11,842,931	-	11,203,557	0.95x	NM
2010	Comvest Investment Partners IV, L.P.	10/21/2010	45,000,000	13,344,291	44,658	11,367,473	0.86x	NM
2011	Blackstone Capital Partners VI, L.P.	1/24/2011	35,000,000	4,602,633	-	4,028,263	0.88x	NM
2011	Ampersand 2011	3/11/2011	12,500,000	5,000,000	-	4,681,779	0.94x	NM
2011	BDCM Opportunity Fund III, L.P.	4/8/2011	20,000,000	5,822,399	174,600	5,830,995	1.03x	NM
2011	AXA Secondary Fund V B L.P.	6/16/2011	80,000,000	12,893,989	-	16,674,497	1.29x	NM
2011	Wellspring Capital Partners V, L.P.	7/1/2011	22,500,000	4,794,210	-	4,327,905	0.90x	NM
2011	EQT VI, L.P.	8/1/2011	50,953,715	4,338,094	-	3,401,084	0.78x	NM
2011	Pegasus Partners V, L.P.	8/16/2011	10,025,478	2,349,005	-	1,912,847	0.81x	NM
2011	BC European Capital IX	9/19/2011	71,228,491	7,681,880	-	6,899,687	0.90x	NM
2011	American Securities Partners VI, L.P.	11/18/2011	50,000,000	8,580,493	-	8,230,132	0.96x	NM
2011	Vista Equity Partners Fund IV, L.P.	11/30/2011	40,000,000	9,141,857	-	8,734,738	0.96x	NM
2012	Summit Partners Growth Equity Fund VIII, L.P.	6/14/2012	75,000,000	-	-	-	N/A	N/A
2012	Green Equity Investors VI, L.P.	N/A	55,000,000	-	-	-	N/A	N/A
Total Active Investments			**$ 3,170,530,078**	**$ 2,106,540,667**	**$ 973,167,957**	**$ 1,790,893,893**	**1.31x**	**9.9%**

Vintage Year	Investment	First Drawdown	Committed Capital	Net Contributed Capital	Net Distributed Capital	Market Value	Multiple	IRR
Commitments Closed Subsequent to as of Date								
2012	Ares Corporate Opportunities Fund IV, L.P.	N/A	$ 50,000,000	$ -	$ -	$ -	N/A	N/A
2011	Vista Equity Partners Fund IV, L.P.	11/30/2011	30,000,000	-	-	-	N/A	N/A
2012	Warburg Pincus Private Equity XI, L.P.	5/24/2012	80,000,000	-	-	-	N/A	N/A
2012	Palladium Equity Partners IV, L.P.	N/A	35,000,000	-	-	-	N/A	N/A
2012	Trilantic Capital Partners V L.P.	N/A	50,000,000	-	-	-	N/A	N/A
Total Commitments Closed Subsequent to as of Date			**$ 245,000,000**	**$ -**	**$ -**	**$ -**	**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 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 LLC ("StepStone"), a consultant to the New York City Police Pension Fund, Subchapter 2, 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 partner or other limited 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.


NYC Police Monthly PE Cash Flow Summary
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-$60,000,000
-$80,000,000
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7/12
8/12
Contributions
Distributions
Net Cash Flow

The Townsend Group®

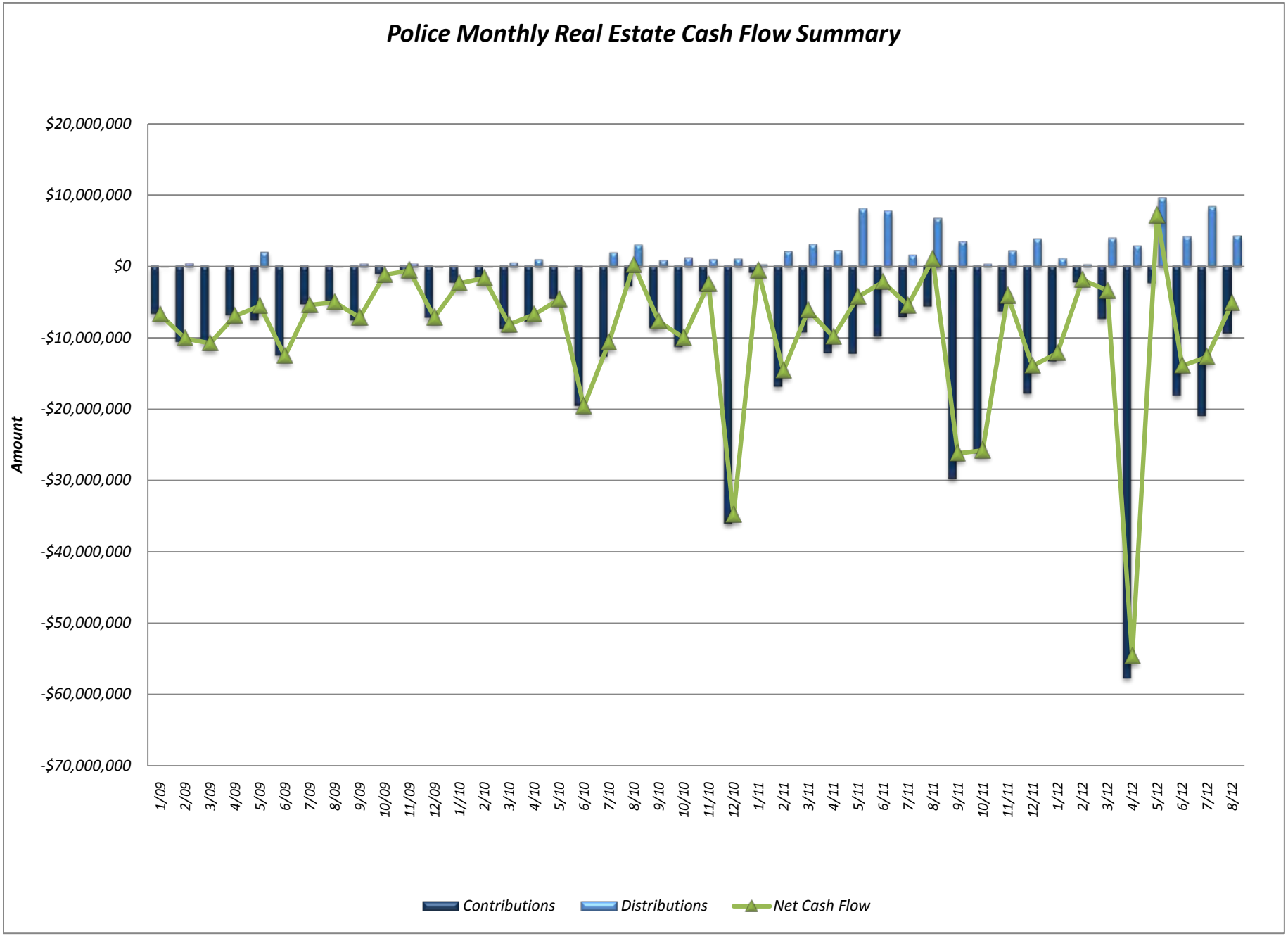
New York City Police Pension Fund

Vintage Year	Fund Name	First Draw Down	Capital Committed	Contributions	Distributions	Market Value	Equity Multiple	Net IRR
2003	Canyon Johnson Urban Fund	12/6/2002	$10,000,000	$8,970,966	($10,269,153)	$210,029	1.2	10.2%
2003	OCM Real Estate Opportunities Fund III	3/5/2003	$15,000,000	$15,000,000	($16,950,000)	$8,992,017	1.7	12.1%
2004	Blackstone Fund IV	5/10/2004	$15,000,000	$19,069,987	($16,278,273)	$8,364,877	1.3	11.9%
2004	The City Investment Fund I	3/16/2004	$70,000,000	$69,030,360	($39,171,927)	$29,910,534	1.0	0.0%
2005	Canyon Johnson Urban Fund II	5/11/2005	$20,000,000	$17,977,405	($12,000)	$10,678,845	0.6	-11.3%
2006	PRISA	9/29/2006	$21,000,000	$21,831,885	($1,578,269)	$19,474,298	1.0	-0.7%
2006	Prologis Targeted U.S. Logistics Fund	10/1/2006	$10,000,000	$11,357,230	($1,485,565)	$6,983,993	0.7	-6.1%
2006	RREEF America REIT II	10/1/2006	$21,000,000	$27,724,347	($7,712,034)	$19,864,825	1.0	-0.1%
2006	UBS Trumbull Property Fund ("UBS-TPF")	9/28/2006	$61,000,000	$45,297,341	($3,322,862)	$45,598,880	1.1	2.7%
2006	AREA Real Estate Fund V	6/15/2006	$5,000,000	$5,000,004	($1,210,801)	$2,208,885	0.7	-10.7%
2007	Colony Realty Partners II	12/20/2006	$20,000,000	$21,420,211	($666,108)	$10,110,100	0.5	-14.3%
2007	Heitman HART	3/29/2007	$28,000,000	$31,752,577	($3,752,577)	$31,240,365	1.1	3.2%
2007	JP Morgan Special Situation Property Fund	1/2/2007	$15,000,000	$16,132,719	($2,014,984)	$11,384,377	0.8	-4.0%
2007	JP Morgan Strategic Property Fund	12/4/2006	$56,000,000	$57,389,480	$0	$63,447,122	1.1	3.7%
2007	PRISA II	6/30/2007	$60,278,867	$61,995,047	($3,200,860)	$52,205,126	0.9	-3.1%
2007	RREEF America REIT III - 1410	10/1/2007	$15,000,000	$15,000,000	($100,040)	$5,263,733	0.4	-20.6%
2007	Blackstone Real Estate Partners VI	9/27/2007	$40,000,000	$40,112,518	($3,664,566)	$46,863,271	1.3	9.0%
2007	Carlyle Realty Partners V	8/27/2007	$20,000,000	$22,283,438	($11,030,583)	$13,816,038	1.1	4.2%
2007	Colony Investors VIII	9/18/2007	$20,000,000	$19,999,679	($1,251,871)	$5,962,808	0.4	-26.0%
2007	Metropolitan Workforce Housing Fund	7/13/2007	$7,000,000	$6,900,377	($152,388)	$6,376,835	0.9	-3.9%
2008	AG Realty Fund VII	5/20/2008	$25,000,000	$21,062,500	($7,687,500)	$16,953,344	1.2	8.4%
2008	ARA Asia Dragon Fund	7/9/2008	$10,000,000	$8,352,000	($1,328,624)	$10,926,865	1.5	18.0%
2008	AREA European Real Estate Fund III	5/6/2008	$30,000,000	$25,540,000	($3,712,500)	$22,687,794	1.0	1.7%
2008	Fidelity Real Estate Growth Fund III	5/19/2008	$15,000,000	$12,788,518	($1,918,512)	$9,619,634	0.9	-6.0%
2008	PRISA III	9/30/2008	$30,000,000	$31,324,506	$0	$35,650,576	1.1	5.8%
2008	Silverpeak Legacy Partners III (Lehman)	5/28/2008	$30,000,000	$13,301,089	($299,144)	$6,022,487	0.5	-20.2%
2008	Stockbridge Real Estate Fund III	9/9/2008	$27,000,000	$16,717,380	$0	$12,816,494	0.8	-11.2%
2008	Westbrook Real Estate Fund VII	12/3/2007	$10,000,000	$10,773,740	($1,163,637)	$8,046,222	0.9	-5.3%
2008	American Value Partners Fund I	10/18/2007	$15,000,000	$10,238,614	($1,437,731)	$6,480,650	0.8	-10.7%
2009	Carbon Capital III	7/2/2009	$15,000,000	$16,408,936	($3,472,237)	$14,952,795	1.1	8.7%
2009	Thor Urban Property Fund II	10/30/2008	$20,000,000	$16,935,304	($7,279,210)	$7,216,633	0.9	-14.5%
2009	Walton Street Real Estate Fund VI	4/27/2009	$30,000,000	$22,394,360	($2,946,254)	$21,740,926	1.1	6.6%
2010	LaSalle Property Fund	7/1/2010	$50,000,000	$22,834,719	($770,341)	$25,519,747	1.2	14.9%
2010	Blackstone Real Estate Partners Europe III (USD Vehicle)	10/24/2008	$35,000,000	$11,815,823	$0	$13,200,080	1.1	12.6%
2010	Canyon Johnson Urban Fund III	3/29/2010	$15,000,000	$8,688,099	($894,404)	$7,610,195	1.0	-2.4%
2010	Westbrook Real Estate Fund VIII	12/28/2009	$35,000,000	$20,461,867	($9,223,993)	$14,610,580	1.2	20.9%
2011	Carlyle Realty Partners VI	9/14/2011	$40,000,000	$5,915,298	($21,593)	$5,692,414	1.0	-9.1%
2011	H/2 Special Opportunities Fund II	1/31/2011	$25,000,000	$4,902,634	$0	$5,811,910	1.2	23.7%
2012	Blackstone Real Estate Partners VII	3/31/2012	$100,000,000	$11,666,556	$0	$13,502,138	1.2	0.0%
2012	Divco West Fund III	1/6/2012	$70,000,000	$17,128,917	($115,657)	$16,265,654	1.0	-19.7%
2012	Taconic New York City Investment Fund LP	n/a	$40,000,000	$0	$0	($92,788)	n/a	n/a
	New York City Police Pension Fund		**$1,196,278,867**	**$843,496,431**	**($166,096,198)**	**$674,191,307**	**1.0**	**-0.1%**

Funds Closed Subsequent to Quarter

Vintage	Fund Name	First Draw Down	Capital Committed	Contributions				
2012	Almanac Realty Securities VI	6/6/2012	$65,000,000	-	-	-	-	-
2012	Brookfield Strategic Real Estate Partners		$60,000,000	-	-	-	-	-
Grand Total			**$125,000,000**					

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, 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 March 31, 2012. 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.


Police Monthly Real Estate Cash Flow Summary
$20,000,000
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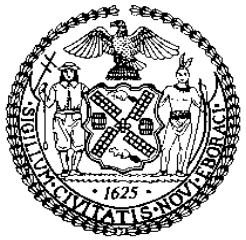
Contributions
Distributions
Net Cash Flow

II. Infrastructure Education:

The Global Infrastructure Opportunity



THE CITY OF NEW YORK
OFFICE OF THE COMPTROLLER

October 2nd, 2012

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2. Infrastructure Sectors
3. Case Studies
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6. Strategies and Targeted Returns
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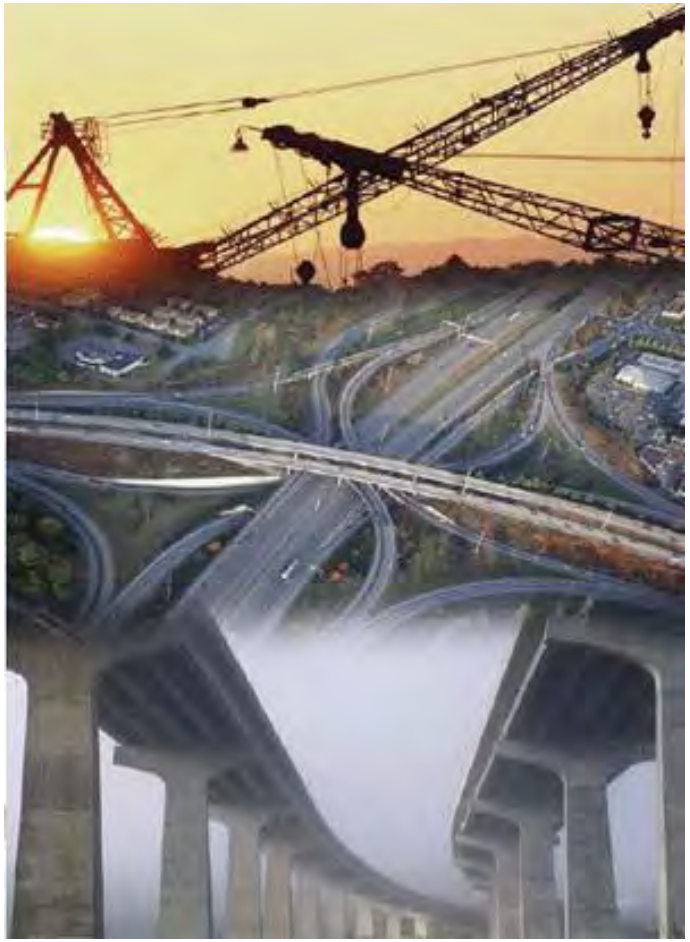
Defining Infrastructure



- The traditional definition of infrastructure is: The fundamental facilities and systems serving a community

- Infrastructure assets typically display some or all of the following characteristics:
  - Provider of Essential Services
  - Monopolistic/Quasi Monopolistic
  - High Barriers to Entry
  - Extended Asset Life
  - Stable and Predictable Cash Flows

Infrastructure Sectors

- Infrastructure assets can be classified into two broadly defined categories:
  - Economic infrastructure
    - Provides services that the end user is prepared to pay for (i.e. transportation and utilities)
    - Sourced through privatizations, public-to-private partnerships or private business sales
    - Has potentially higher returns as well as higher risks
  - Social infrastructure
    - Usually is government run or supported
    - Sourced through public-to-private partnerships
    - Generally has lower risk and lower projected returns

Infrastructure Sectors (cont.)

- Examples of economic and social infrastructure investments are highlighted below:

Economic Infrastructure			Social Infrastructure
Transportation	**Energy & Utility**	**Communication**	
Toll Roads / Tunnels / Bridges	Contracted Power Generation	Cable Networks	Education Facilities
Airports	Regulated Electricity Assets	Communications Towers	Healthcare Facilities
Ports	Oil / Gas / Electric Transmission and Distribution Systems	Select Satellite Systems	Legal / Governmental Facilities
Rail & Mass Transit Networks	Water Treatment / Distribution Facilities		
Parking Facilities	Oil Storage		

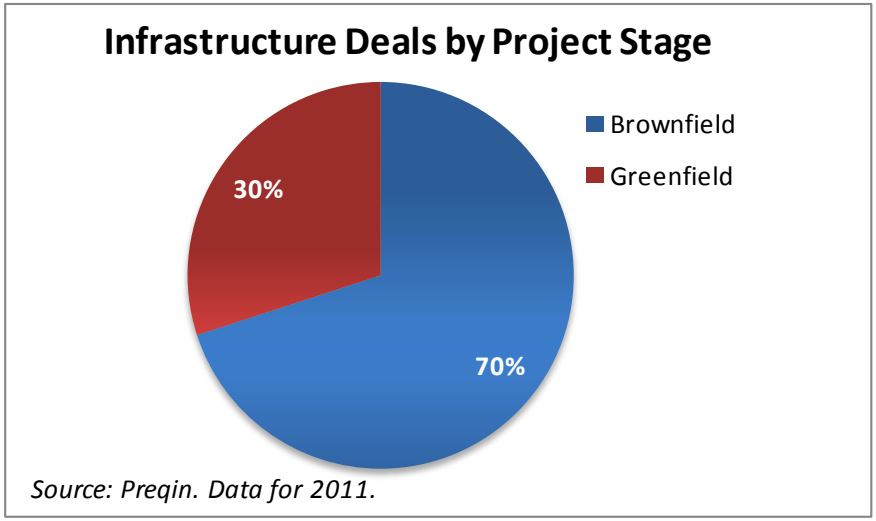
Infrastructure Sectors (cont.)

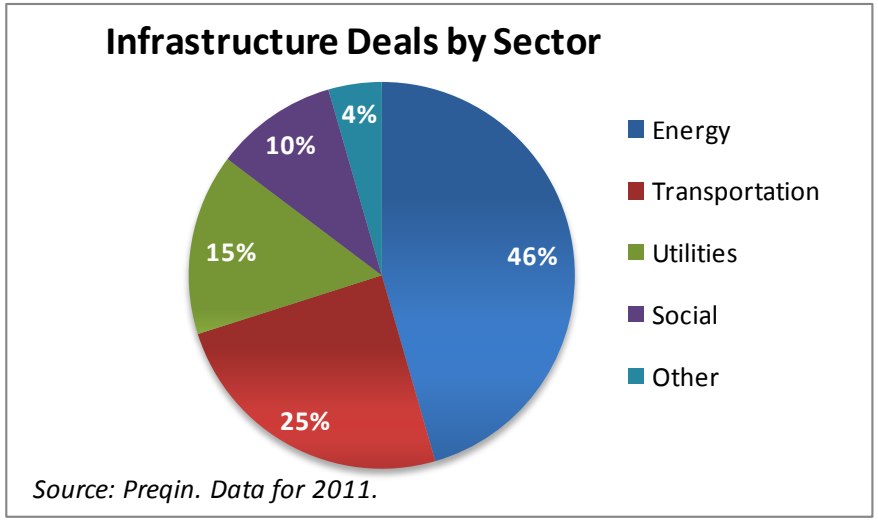
- Infrastructure assets can be also classified by the life cycle stage of the asset
  - Greenfield assets are under development/construction and do not generate revenue

  - Brownfield assets are already under operation and generate revenue in one of three phases:
    - Ramp-up phase where usage is just beginning following the completion of construction
    - Growth phase where usage continues to increase towards its long run potential
    - Mature phase where usage levels off and grows at approximately the rate of GDP growth

Infrastructure Sectors (cont.)

- Of the infrastructure deals completed globally in 2011, 70% were brownfield involving a fully operational asset and 30% were greenfield projects to design, build and maintain a new asset. Similarly, brownfield deals dominated the deal mix in the U.S. representing 89% of the completed deals (see Appendices A and B for a deal list)
- Energy assets represented the largest number of infrastructure deals both globally and in the U.S. accounting for 46% and 64% of the total, respectively. About 25% of the infrastructure deals globally were in transportation while utilities represented 15% of the investments





Case Study – Greenfield Investment

Hudson Transmission Partners

A 660 MW transmission cable development project which will run underground and underwater from northern New Jersey to New York City.

Fund Name: Starwood Energy
Investment Date: May 2011
Committed Equity: $66 million
Leverage: 80%
Projected IRR: 23.5%
Projected Multiple: 2.9x

- **Investment Attributes**
  - Partnered with an experienced developer to fund a greenfield development project to construct an underwater interstate transmission line
  - Hudson will bring energy and capacity from a cheaper grid to New York City under a 20 year contract with the New York Power Authority (Moody's: Aa2)
- **Value Creation Process**
  - Negotiated key project agreements including land options, EPC contract and FTCPA during the permitting process
  - 20 year project financing secured on advantageous terms in the private placement market with the base rate fully swapped to a fixed rate
- **Performance**
  - Construction proceeding on schedule and budget with commercial operations expected in July 2013. Expect to generate long-term, stable and mostly contracted cash flows once operational
  - Exit through sale to a lower discount rate investor such as the local power authority or a public pension fund

Case Study – Greenfield Investment

Berlin Station

A 75 MW biomass development project currently under construction in Berlin, New Hampshire that will generate electricity using new wood-combustion technology.

Fund Name: Starwood Energy
Investment Date: Sept. 2011
Committed Equity: $57 million
Leverage: 73%
Projected IRR: >20%
Projected Multiple: >2x

- **Investment Attributes**
  - Partnered with development team by providing a bridge loan to be repaid with proceeds from the project's 1603 Grant
  - Project supported by 20 year PPA with the Public Service Company of New Hampshire with a fuel cost pass through
  - Construction contracted under a fixed price, turnkey EPC contract with significant warranties
- **Value Creation Process**
  - Purchased 33.3% of the project equity at a substantial discount to the value of the project
  - Actively participated in the final development of the project including restructuring ownership structure and negotiation of debt terms
- **Performance**
  - Construction is progressing on schedule and on budget
  - Positioned to generate long-term, stable and contracted cash flows once operational

Case Study – Brownfield Investment

Puget Energy

Regulated utility in Washington state engaging in electric generation, transmission and distribution, and gas transmission and distribution.

Fund Name: Macquarie Infrastructure
Acquisition Date: Feb. 2009
Committed Equity: $1,063.8 million
Leverage: 60%
Projected IRR: 10.2%
Projected Multiple: ~2x

- **Investment Attributes**
  - Acquisition by a Macquarie Group led consortium of the largest regulated utility in the Washington state providing electric power to 1,080,000 customers and natural gas to 750,000 customers
- **Value Creation Process**
  - Final order issued in relation to general rate case authorizing 3.2% and 1.3% increases in electric and natural gas rates respectively. Higher rates are expected to result in an annual increase of revenue of $77 million
  - The 343 MW Lower Snake River wind project completed ahead of schedule and on budget
  - Closed on $1 billion revolving credit facility which was used to refinance debt maturities
- **Performance**
  - Valuation uplift driven by increase in gas consumption and continued decline of power costs

Case Study – Brownfield Investment

London City Airport

A London airport serving 3 million passengers and connecting to over 30 destinations within the United Kingdom, Europe and United States.

Fund Name: Global Infrastructure Partners
Acquisition Date: Nov. 2006
Committed Equity: $548 million
Leverage: 46%
Projected IRR: 15-20%
Projected Multiple: 2x

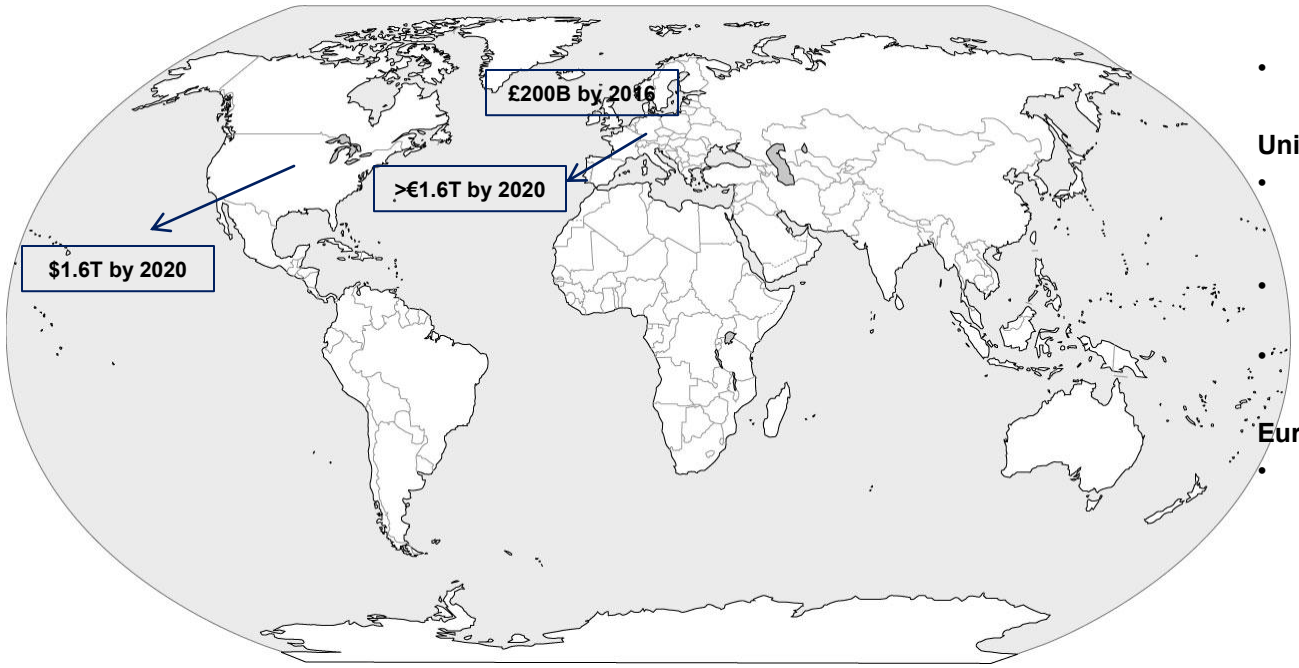
- **Investment Attributes**
  - Acquired majority control of an unregulated asset incapable of replication with pricing power, inflation-linked revenues and growth potential in a constrained market
- **Value Creation Process**
  - Implemented best practice industrial management techniques to improve service, marketing, price efficiency, cost reduction and expansion capex
  - Used Lean techniques to improve security screening capacity
- **Performance**
  - Improved on-time departure rate from 65% at the time of acquisition to 84% leading all London airports
  - Growth in revenues as passenger volume increased to over 3 million
  - Resilience demonstrated in earnings through the recession with EBITDA improving by 7.7% per annum since acquisition

Infrastructure Investment Demand

- Demand Drivers
  - Population growth and urbanization: 75% urbanization in the Americas and Europe, 53% in Asia by 2030
  - Aging Infrastructure: current rate of investment is low at 2% - 4% of GDP while 5.5% - 9% is needed
  - Investment limitations due to budget deficits in Europe and the US require involvement of private capital sources of funding and sales of assets to pay down sovereign debt
- Investment Needs
  - OECD estimates the annual infrastructure requirements to average 3.5% of world GDP or about $2 trillion per year
  - The American Society of Civil Engineers estimates that the US infrastructure funding gap is $1 trillion through 2014

Infrastructure Investment Demand (cont.)

- $50 trillion of investment required globally over the next 20 years to deliver replacement infrastructure in the energy, transport and utility sectors



United States

- Energy: $75 billion from 2011 to 2016; $2 trillion by 2030
- Airport System: $94 billion from 2011 to 2015
- Water and Wastewater: $255 billion from 2011 to 2016

United Kingdom

- Infrastructure: £200 billion over the next 5 years of which £160 billion expected to come from the private sector
- Energy: £20 billion to develop UK offshore transmission network
- Water and Wastewater: £10 billion over the next 10 years

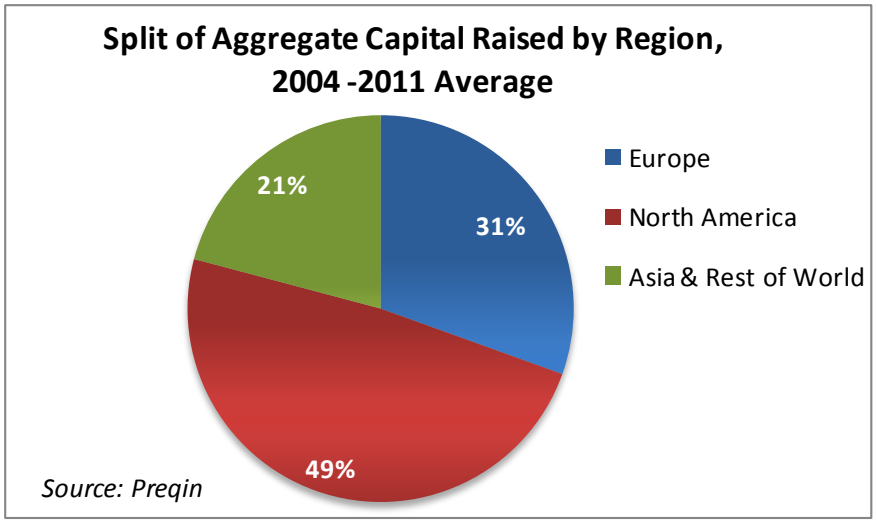
Europe

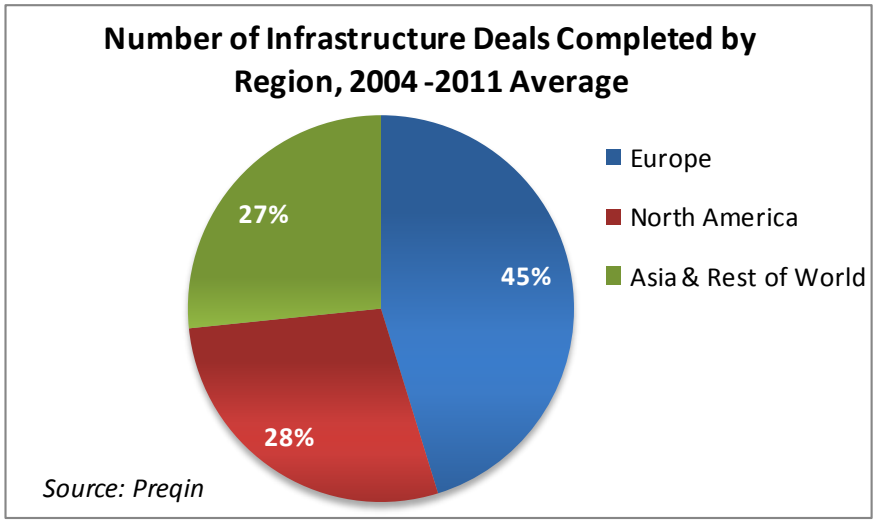
- Energy: €1.1 trillion by 2020 for:
  - €500 billion on distribution networks and grids
  - € 200 billion on transmission networks and storage
  - € 500 billion on new generation capacity
- Transport: €500 billion by 2020 for implementation of Trans-European Transport Network program

Source: Balfour Beatty Infrastructure Partners, 2011

Infrastructure Investment Demand (cont.)

- OECD countries dominate the aggregate capital raised by infrastructure funds from 2004 to 2011. North America focused infrastructure funds represent 49% of the capital raised on average per year. Europe focused funds account for an average of 31% of the aggregate capital commitments per year
- By region, Europe has historically represented the largest number of infrastructure deals accounting for an average of 45% of all transactions completed from 2004 to 2011. North America contributed 28% to the total while 27% of the deals were in Asia and Rest of World





Infrastructure Market Development in the U.S.

- Public Private Partnerships ("P3") in the U.S. have been slower to materialize
  - Questions regarding the viability of the P3 model in the U.S. continue to surround the model. There have been some successes such as the Long Beach Courthouse project in California
  - Failed or publicly scrutinized privatizations (i.e. Pennsylvania Turnpike, Chicago Skyway) still create long-term uncertainty for the market

- The energy sector continues to see more actionable opportunities as private companies look for alternative sources of funding and a significant amount of new capital is required to meet development needs

- The availability of debt is less of a factor in suppressing transaction activity. Well structured projects can obtain financing

Infrastructure Investors

Representative Direct Investors[1]

- CalSTRS (USA)
- CalPERS (USA)
- OTPP (Canada)
- CPPIB (Canada)
- OMERS (Canada)
- Future Fund (Australia)
- QSuper (Australia)
- USS (UK)
- National Pension Service (Korea)
- PFA (Japan)
- ADIA (Abu Dhabi)
- GIC (Singapore)
- TIAA-CREF (USA)
- All State (USA)
- Nationwide Insurance (USA)
- AXA (France)

Representative Infrastructure Funds[2]

➢ **Core/Value-Added**

- GIP (Global)
- Goldman Sachs (Global)
- Hastings (Global)
- Highstar (Global)
- IFM (Global)
- JPMorgan (Global)
- MSIP (Global)
- QIC (Global)
- SteelRiver (North America)
- UBS (Global)

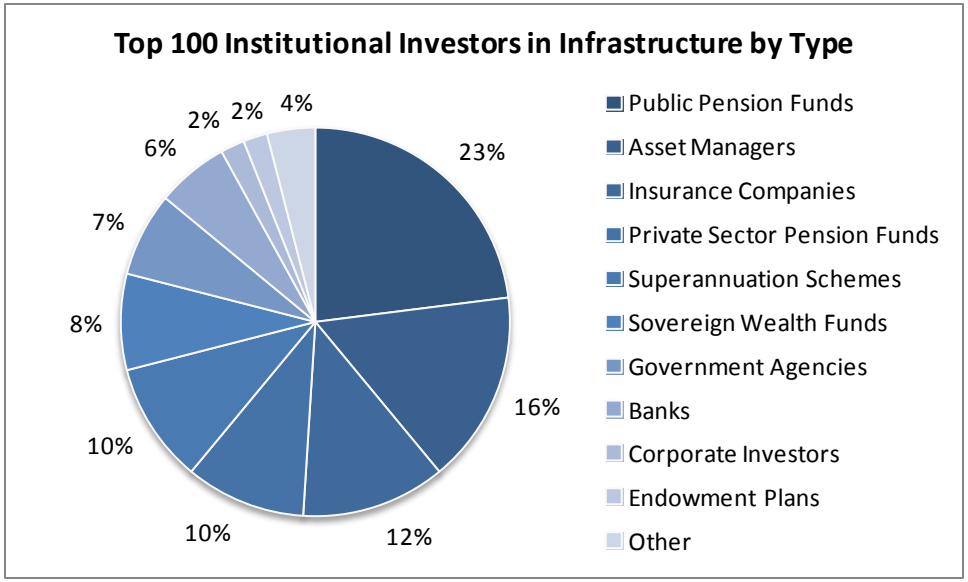
➢ **Non-Core**

- Actis (Emerging Markets)
- ArcLight (USA)
- BTG Pactual (Brazil)
- EnCap Flatrock (USA)
- First Reserve (Global)
- IFC Global Infrastructure Fund (Emerging Markets)
- Starwood Energy (North America)

1) The list includes pension funds, sovereign funds and insurance companies
2) See Appendix C for a comprehensive list of infrastructure funds

Infrastructure Investors (cont.)

- The 100 largest institutional investors in infrastructure (by committed capital) have an aggregate of $204 billion committed to infrastructure to date through a combination of unlisted funds, listed funds and direct investments
- Public pension plans are the largest investor type accounting for 23% of the total investors
- 72% of the top 100 institutional investors operate a separate infrastructure allocation. The remaining investors allocate capital through a private equity allocation, a real assets allocation or a different source



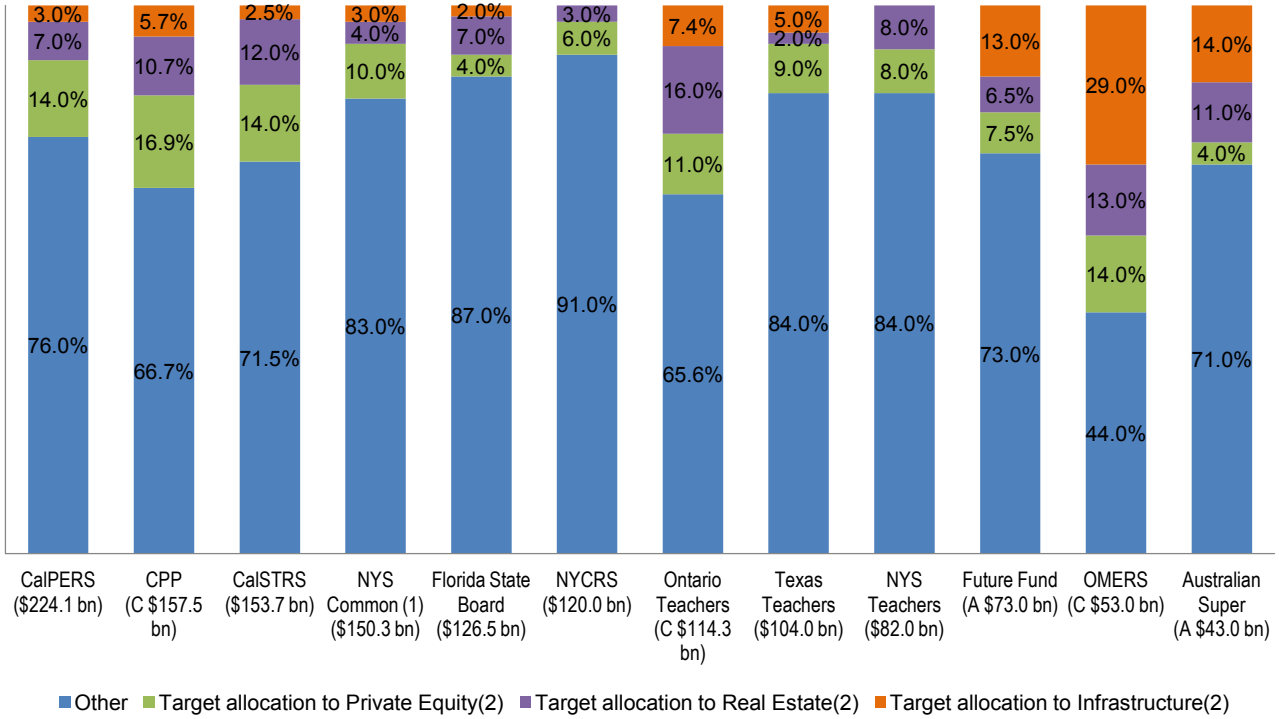
Largest Infrastructure Investors by Current Commitment to Infrastructure

Rank	Investor	Currently Committed to Infrastructure ($bn)	Investor Type	Investor Location
1	OMERS	14.3	Public Pension Fund	Canada
2	CPP Investment Board	9.1	Public Pension Fund	Canada
3	Corporacion Andina de Fomento	8.4	Government Agency	Venezuala
4	Ontario Teachers' Pension Plan	7.8	Public Pension Fund	Canada
5	APG - All Pensions Plans	7.5	Asset Manager	Netherlands
6	TIAA-CREF	6.5	Private Pension Fund	US
7	QIC	6.2	Asset Manager	Australia
8	CDP Capital - Private Equity Group	5.7	Asset Manager	Canada
9	Ping An Trust	5.5	Investment Company	China
10	AustralianSuper	5	Superannuation Scheme	Australia

Source: Preqin

Institutional Investor Approach

- Australian institutional investors have been investing in infrastructure since the 1990s
- Canadian and European institutional investors have significantly increased their exposure to infrastructure since 2000
- U.S. pension plans have lagged somewhat, but this is changing with the majority of the large plans adopting a target infra allocation between 2% - 3% over the last few years



1) NYS Common target allocation is to real assets, no infrastructure investments have been made up to date
2) Source: Preqin and pension plan websites

Investment Thesis

- Infrastructure investments exhibit distinct characteristics that can benefit institutional investors
  - Lower correlation to other asset classes leading to portfolio diversification benefits
  - Competitive total risk adjusted return
  - Inflation protection
  - Less volatility in earnings generating more consistent and attractive cash yields
  - Long duration in line with long term pension liabilities

Testing The Investment Thesis: Correlation

- The correlation benefit is less apparent in public market data as the impact of the financial crisis increased correlations across asset classes
- Private market data provides some more supportive evidence, with correlations to other asset classes ranging from -0.272 to 0.257

	MSCI World	S&P 500	Barclay's Aggregate Bond Index	EPRA/NAREIT Global Total Return	NPI	Dow Jones Brookfield Global Infrastructure Index	Townsend Infrastructure Composite
MSCI World	1.000						
S&P 500	0.979	1.000					
Barclay's Aggregate Bond Index	-0.263	-0.242	1.000				
EPRA/NAREIT Global Total Return	0.890	0.889	-0.032	1.000			
NPI	0.264	0.268	-0.171	0.253	1.000		
Dow Jones Brookfield Global Infrastructure Index	0.866	0.857	-0.002	0.857	0.335	1.000	
Townsend Infrastructure Composite [1]	0.229	0.257	-0.272	0.244	0.214	0.196	1.000

Source: The Townsend Group, Thomson Reuters

1) The TTG Infrastructure Composite is a value-weighted, client-level return calculation for all client investments in infrastructure funds from 2006 to 2011

Testing The Investment Thesis: Returns

- An analysis of public and private market data shows competitive returns relative to other asset classes
- Returns vary depending on asset type and revenue model

As of 12/31/11	Quarter	1-Year	3-Year	5-Year	7-Year
Stocks					
MSCI World Index	7.3%	-7.6%	7.0%	-5.5%	-0.4%
S&P 500	11.2%	0.0%	11.7%	-2.4%	0.5%
Fixed Income					
Lehman Aggregate Bond	1.1%	7.8%	6.8%	6.5%	5.6%
Listed Real Estate					
EPRA/NAREIT Global Total Return	7.4%	-5.8%	16.2%	-5.3%	3.3%
Private Equity					
Cambridge Associates U.S. Private Equity	5.3%	10.9%	15.0%	7.2%	N/A
Listed Infrastructure					
Dow Jones Brookfield Infrastructure*	7.1%	13.8%	17.6%	5.1%	10.0%
Unlisted Infrastructure					
TTG Infrastructure Composite**	1.0%	10.5%	11.8%	7.9%	N/A

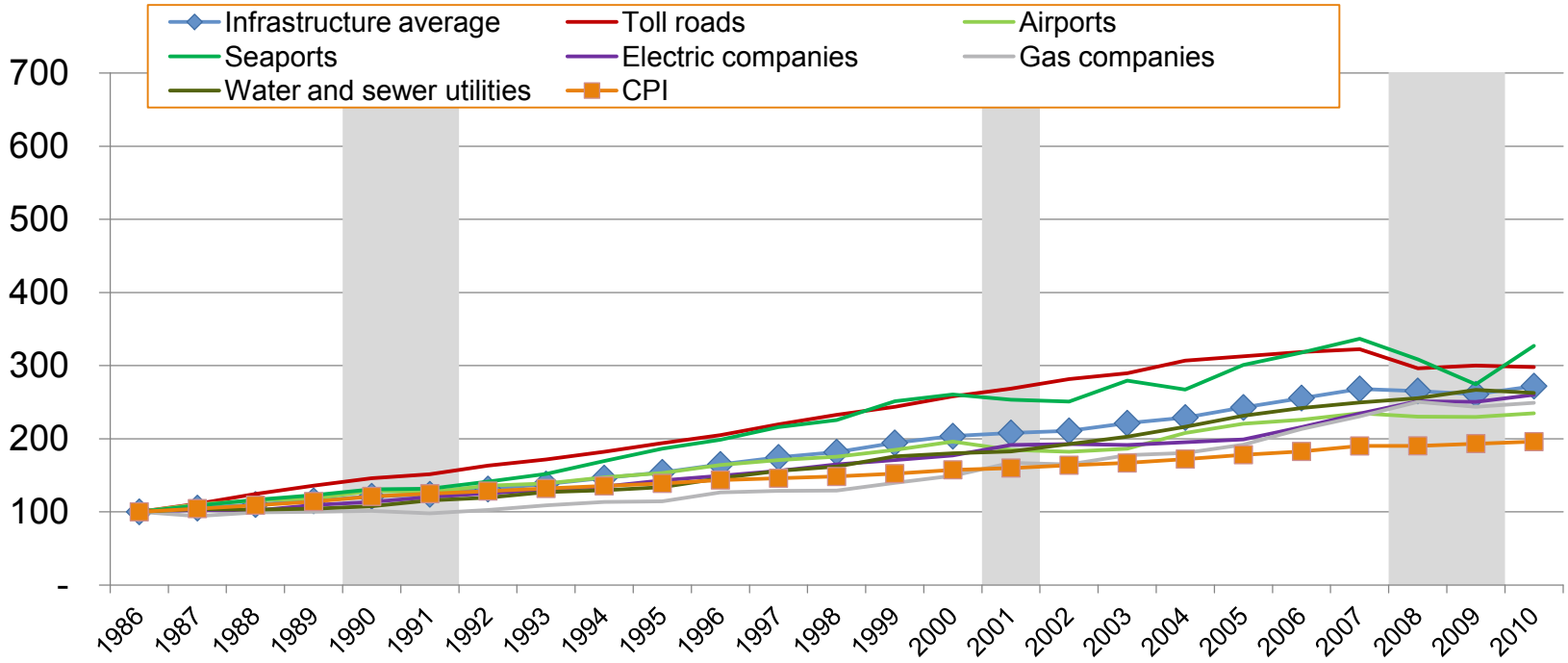
Source: The Townsend Group, Thomson Reuters, Cambridge Associates

*The Index aims to represent companies globally that have at least 70% of estimated cash flow derived from infrastructure assets

** The TTG Infrastructure Composite is a value-weighted, client-level return calculation for all client investments in infrastructure funds from 2006 to 2011

Testing The Investment Thesis: Inflation

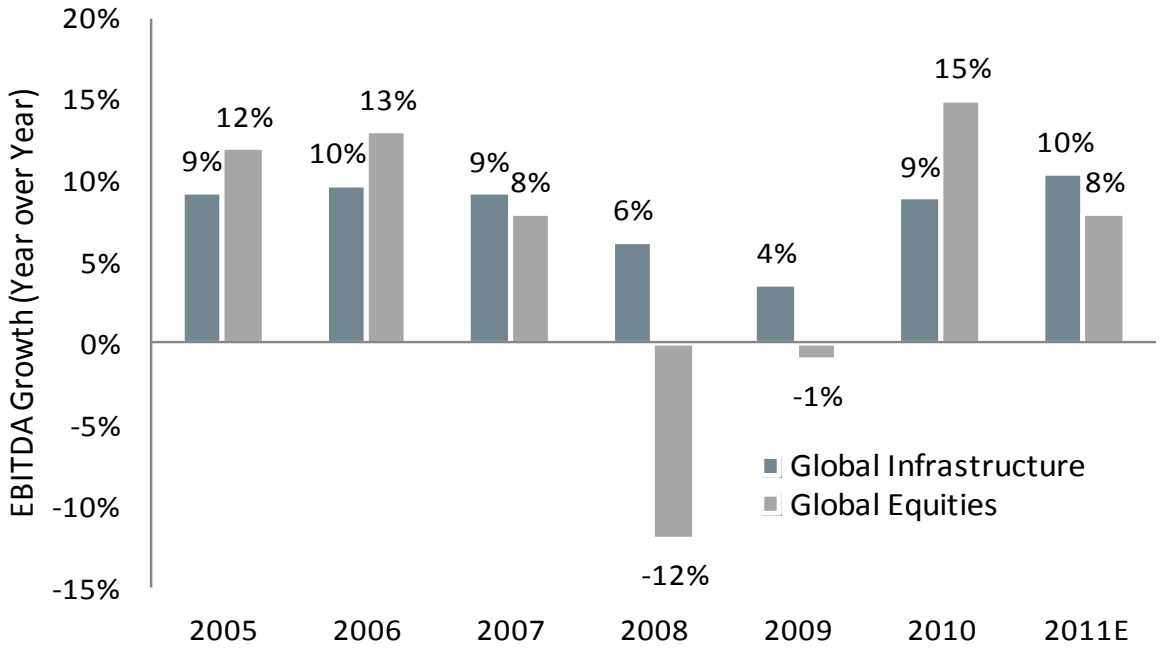
- Infrastructure cash flows are typically linked to inflation through CPI indexation, regulatory or contractual adjustments
- Annual cash flows (EBITDA indices) for U.S. infrastructure grew faster than CPI



Source: J.P. Morgan Asset Management GRA Research

Testing The Investment Thesis: Volatility

- An analysis of public infrastructure companies earnings growth supports thesis of lower volatility
- Private market data is less robust, but provides similar support



Source: Brookfield Investment Management, Dow Jones Brookfield Global Infrastructure Index, MSCI

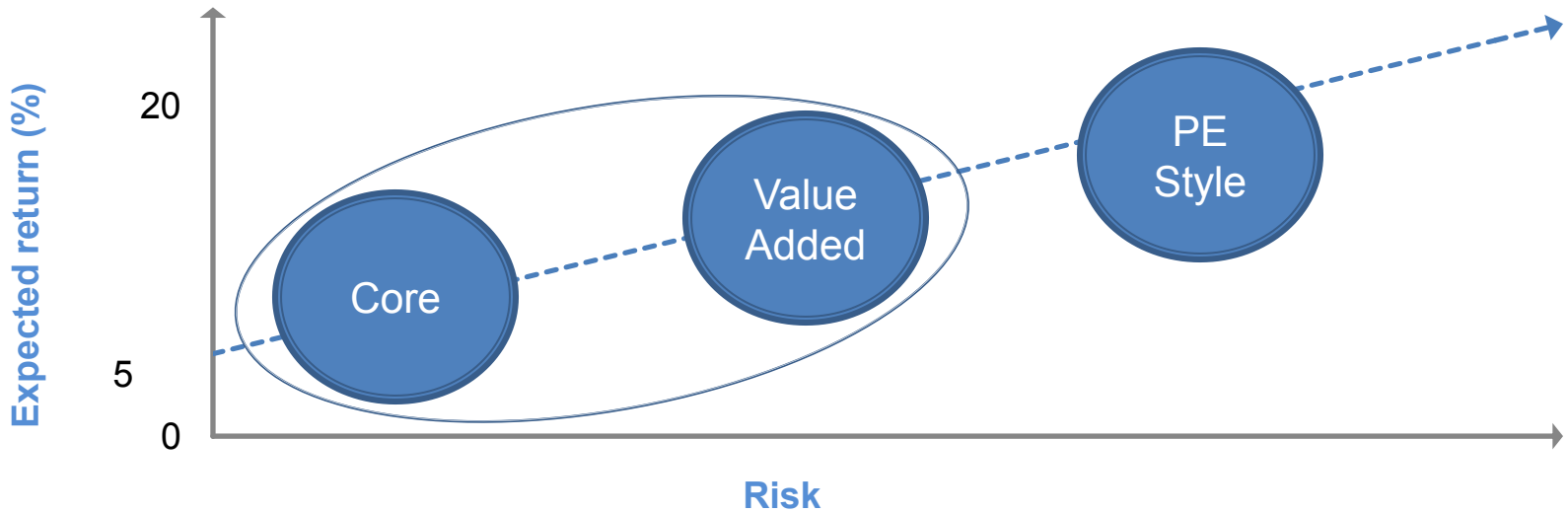
Strategies and Targeted Returns

- Infrastructure risk - return profile depends on the strategy
  - Core: expected returns range from 8% - 11%
  - Value-Added: expected returns range from 12% - 14%
  - Opportunistic: expected returns above 15%

Category	Characteristics
Core	• Mature OECD infrastructure • Assets governed by regulatory regimes or contracted revenues
Value-Added	• Developing, OECD infrastructure • Assets with revenue growth from increased demand or driven by significant expansion capital expenditure or operating improvements
Opportunistic	• Greenfield, non-OECD Infrastructure • Capital intensive assets operating in competitive market environments

Strategies and Targeted Returns (cont.)

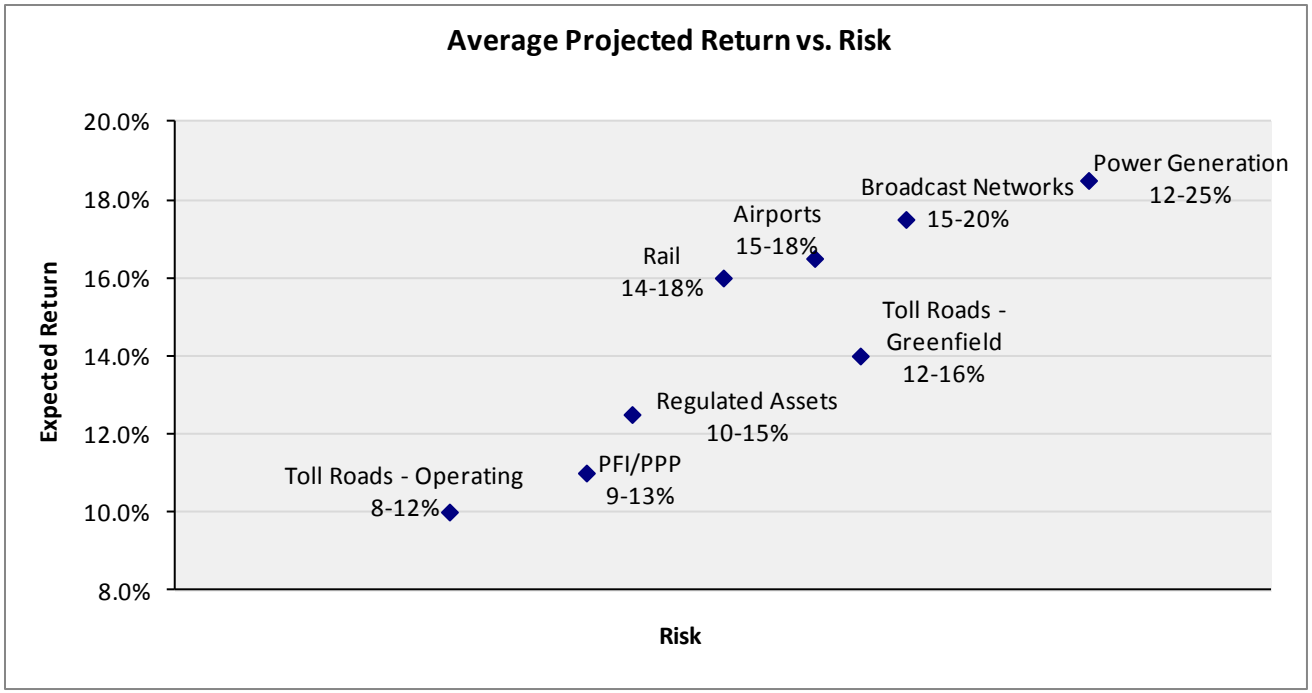
- The lower risk strategies include Core and Value-Added



Core	Value-Added	Opportunistic (PE style)
• Mature social infrastructure • Transmission, pipelines • Regulated utilities • Mature toll roads	• Mature toll roads with expansion • Airports • Ports	• Telecommunications • Greenfield toll roads • Merchant power

Strategies and Targeted Returns: Asset Type

- Asset type and revenue model are key determinants of risk and must be considered together
- Potentially wide ranges of expected return for the same asset type
  - Availability payment versus patronage toll roads
  - Contracted versus merchant power generation



Income vs. Appreciation

- Returns from income vs. appreciation vary depending on the strategy
- The lower risk Core and Value-Added strategies rely on higher income and lower appreciation

Strategy	Expected Income	Expected Appreciation	Expected Total Return	Characteristics
Core	6% to 8%	2% to 5%	8% to 11%	• Higher income, lower growth • Fixed-income like, inflation-linked or absolute return
Value-Added	4% to 6%	6% to 10%	12% to 14%	• Moderate income, moderate growth • Inflation-linked or absolute return
Opportunistic	0% to 4%	>10%	≥15%	• Low or no income, high growth • Private equity like returns

Benchmarking In Infrastructure

- No industry standard
- Inflation index plus margin is the most widely used due to the inflation linkage of the asset class
- Possible benchmarks include:
  - Inflation index (i.e. CPI) plus margin
  - Total return
  - Indices: S&P Global Infrastructure Index, MSCI World Infrastructure 100 Index, etc.

Access to the Infrastructure Market

- Similar to other alternative asset classes, infrastructure has developed where investors must consider the four quadrants of debt and equity, public and private opportunities
- Resources and capital availability may limit a plan sponsor's ability to access all available investment structures

	Pros	Cons
Infrastructure Funds	■ Access to manager expertise ■ Relative immediacy of investment	■ Increased management fees ■ Lower control over investments
Co-Investments	■ Reduced management fees ■ Increased control over investments	■ Need for specialized in-house expertise ■ Lower control over the capital structure of the deals
Direct Investments	■ Eliminated management fees ■ Increased control over investments	■ Significant lead time required ■ Need for in-house expertise and larger staff

Conclusion and Next Steps

- Infrastructure can provide portfolio diversification, attractive risk adjusted returns and inflation protection in an economic environment of high volatility and low yields

- As next steps, BAM will present to the Board an IPS and a strategic plan for infrastructure investing recommending
  - Pursuing predominantly the lower risk Core/Value-Added strategies
  - U.S./Global mandate
  - Benchmark of CPI + 4%

Appendix A: Greenfield U.S. deals (2003-2012)

TRSANSACTION TYPE	SECTOR	SUBSECTOR	AMOUNT
GREENFIELD			
SR 125 South Highway (CALIFORNIA)	Transport	Roads	$635m
Illinois Central School Bus	Transport	Other	n/a
Freeport LNG	Power	Other	n/a
Astoria Energy I	Power	Energy Generation	$980m
The Transbay Transit Cente and Caltrain Downtown Extension Programe	Transport	Rail	$4185m
Canyon Farm Funding	Environment	Waste	n/a
Black Bear Hydro	Renewables	Other	n/a
OFS Holdings	Power	Other	n/a
Hurrikan Power Funding	Renewables	Wind	n/a
Synagro Technologies	Environment	Waste	n/a
I-495 Capital Beltway HOT Lane Project (VIRGINIA)	Transport	Roads	$1800m
ReNu Power	Power	Energy Generation	$87m
Trans-Texas Corridor: SH130, Seg 5&6	Transport	Roads	$1380m
ITS Technologies & Logistics	Transport	Other	n/a
GIM Channelview Cogeneration, LLC	Power	Energy Generation	$500m
Santa Paula Water Concession	Environment	Water	$125.5m
Regency Gas Pipeline System	Power	Energy Transmission	n/a
I-595 Corridor Roadway Improvements Project (Florida)	Transport	Roads	$1760m
Arkoma Connector Pipeline	Power	Energy Transmission	n/a
Astoria Energy II	Power	Energy Generation	$1000m
Chesapeake Midstream Partners L.P. (CHKM)	Power	Energy Transmission	$267m
Dallas-Fort Worth (DFW) Connector Project	Transport	Roads	$805m
Miami Port Tunnel (POMT) Florida	Transport	Bridges and Tunnels	$651m
Terra-Gen Power Holdings	Renewables	Wind	n/a
Connecticut Service Plazas P3	Transport	Roads	$178m
North Tarrant Expressway	Transport	Roads	$2000m
Black Point Petroleum	Power	Other	n/a
JP Energy Partners	Power	Energy Generation	n/a
Seagirt Marine Terminal	Transport	Ports	$334m
Florida Atlantic University (FAU)	Social Infrastructure	Accommodation	$63m
Ruby Pipeline Project	Power	Energy Transmission	$2200m
I-485 Outer Loop - North Carolina	Transport	Roads	$160m
I-635 (LBJ Freeway) (TEXAS)	Transport	Roads	$2600m
Denver FasTracks Eagle P3 Light Rail Project	Transport	Light Rail	$1637m
Enogex	Power	Energy Transmission	n/a
Long Beach Courthouse	Social Infrastructure	Accommodation	$495m
Hudson Transmission Partners	Power	Energy Transmission	$869m
Bayonne Energy Centre	Power	Energy Generation	$650m
Western Group Housing Privatization Project	Social Infrastructure	Accommodation	$362m
Midtown Tunnel Project (Virginia)	Transport	Bridges and Tunnels	$2100m
Alta Wind VII and Alta Wind IX Projects (California)	Renewables	Wind	n/a
Presidio Parkway / Doyle Drive Concession, San Fco, Ca.	Transport	Roads	$365m
I-95 HOV/HOT Lanes Project (VIRGINIA)	Transport	Roads	$940m

Source: Infranews, 2012

Appendix B: Brownfield U.S. deals (2003-2012)

TRSANSACTION TYPE	SECTOR	SUBSECTOR	AMOUNT
BROWNFIELD			
13 power plants, total capacity of 1,600MW (Northern Star)	Power	Energy Generation	$265.4m
Acquisition of SouthWest Water Company	Environment	Water	$427m
Brownfield			
Chicago Skyway Toll Bridge Privatisation (Illinois)	Transport	Bridges and Tunnels	$1800m
Dulles Greenway (VIRGINIA)	Transport	Roads	$533m
Aquarion Acquisition	Environment	Water	$860m
Century Campus Finance Package (TEXAS)	Social Infrastructure	Accommodation	$201.2m
Virginia I-895 / Pocahontas Parkway (VIRGINIA)	Transport	Roads	$611m
Indiana Toll Road (INDIANA)	Transport	Roads	$4600m
Chicago Downtown Parking (Chicago Loop Parking)	Transport	Car Parks	$565m
Colonial Pipeline	Power	Energy Transmission	n/a
RailAmerica	Transport	Rail	$1100m
Ports America Group	Transport	Ports	$1300m
Maher Terminals	Transport	Ports	$1540m
SourceGas	Power	Energy Transmission	$694m
Duquesne Light Holdings Acquisition	Power	Energy Transmission	$1600m
Southeast PowerGen (2.5GW Power Portfolio)	Power	Energy Generation	$620m
Four Container Terminals From Orient Overseas (Global Container Terminals)	Transport	Ports	$2350m
Carrix Ports (49%)	Transport	Ports	$3000m
Global Tower Partners (GTP) Acquisition	Other	Other	$1425m
Northwest Parkway	Transport	Roads	$600m
Southwest Generation Acquisition	Power	Energy Generation	$840m
North American Energy Alliance, LLC (NAEA)	Power	Energy Generation	$1477m
Puget Energy Acquisition	Power	Energy Transmission	$3200m
Chicago Parking Meters	Transport	Car Parks	$1160m
Midland Cogeneration Venture	Power	Energy Generation	$745m
Veolia US Energy-from-Waste Facilities	Environment	Waste	$450m
GIP Chesapeake JV	Power	Other	$588m
Gomez Pipelines Acquisition	Power	Energy Transmission	$78m
Eureka Pipeline Systems Acquisition	Power	Energy Transmission	$81m
GIP Acquire 40% Stake in Terra-Gen Power Holdings	Renewables	Other	n/a
Medical Area Total Energy Plant (MATEP)	Power	Energy Generation	$320m
Babcock & Brown Wind Farms	Renewables	Wind	$352m
Interpark Assets (89 Parking Contracts)	Transport	Car Parks	$500m

Source: Infranews, 2012

Appendix B (cont.): Brownfield U.S. deals (2003-2012)

TRSANSACTION TYPE	SECTOR	SUBSECTOR	AMOUNT
BROWNFIELD			
Southern Star Central Corp (40% Stake)	Power	Other	$838m
Inland Public Properties School Sale	Social Infrastructure	Education	$61m
Southern Star Central Gas Pipeline	Power	Energy Transmission	n/a
NorTex Gas Storage	Power	Energy Storage	$505m
Freeport LNG Development (55% sale)	Power	Energy Transmission	$190m
Parking Corporation of America Airports - PCAA (in receivership)	Transport	Car Parks	$141m
Southern Natural Gas Pipeline (20% sale)	Power	Energy Transmission	$492m
BAA USA Sale	Social Infrastructure	Other	$52.4m
Port of Portland Terminal 6	Transport	Ports	$120.5m
Acquisition of SouthWest Water Company	Environment	Water	$427m
Colonial Pipeline Company (23.44% sale)	Power	Energy Transmission	$845m
Providence and Olinda Landfill Gas Sale	Renewables	Other	$25m
Indianapolis Parking Meters Concession	Transport	Car Parks	$30m
SteelRiver acquisition of T.W. Phillips Gas and Oil	Power	Energy Transmission	n/a
InterPark	Transport	Car Parks	n/a
Fixed Base Operations (Portland International and Eugene airports)	Transport	Airports	n/a
EQT Acquisition of Peregrine Midstream Partners (70%)	Power	Energy Transmission	n/a
Macquarie's Sale of 33.3% Stake in Aquarion	Environment	Water	n/a
Duet Group's Sale of 29% stake in Duquesne (DQE Holdings)	Power	Energy Transmission	$360m
Puerto Rico Highway Package Phase One (PR-22,PR-5)	Transport	Roads	$1136m
Marcellus Shale Joint Venture	Power	Energy Generation	$200m
Alinda Acquisition of Houston Fuel Oil Terminal Co (HFOTCO)	Power	Energy Storage	$1300m
I-595 Acquisition (50%)	Transport	Roads	$800m
The Parking Spot (Airport Parking Operator)	Transport	Car Parks	$360m
Park Water Company	Environment	Water	$102m
Sacramento Municipal Utility District Solar PV Portfolio (88MW)	Renewables	Solar	$180m
Appalachia Midstream Services Acquisition	Power	Energy Generation	$865m
Colonial Pipeline Partial Sale (16.6%)	Power	Energy Transmission	$850m
Mountaineer Gas Company	Power	Energy Transmission	n/a
FREIF North American Power I Acquisition	Power	Energy Generation	n/a
Capistrano Wind Partners (Edison/TIAA-CREF/CIRI JV)	Renewables	Wind	$460m
Eureka Hunter Part-Acquisition by Arclight (28% Stake)	Power	Energy Transmission	$106.8m
WCA Waste Corporation	Environment	Waste	$526m
Alta Wind VI 150MW Acquisition	Renewables	Wind	n/a
Caiman Eastern Midstream Sale	Power	Energy Transmission	$2400m
El Paso JV - Kinder Morgan 50% Acquisition	Power	Energy Transmission	$300m

Source: Infranews, 2012

Appendix C: Infrastructure Funds In Market

Manager	Fund	Target Capital Raise	Geography
Core / Value-Added			
Alinda Capital Partners	Alinda Infrastructure Fund III	$3,000,000,000	Global
AMP Capital	AMP Capital Infrastructure Debt Fund	€ 500,000,000	Global
AMP Capital	Strategic Infrastructure Trust of Europe	Open-End Fund	Europe
Antin	Antin Infrastructure Partners II	€ 1,500,000,000	Europe
Aquila	Infrastructure Coalition Program	$400,000,000	Global
AXA	AXA Infrastructure Fund III	€ 1,500,000,000	Europe
Balfour Beatty	Balfour Beatty Infrastructure Partners, L.P	€ 800,000,000	Global
Brookfield	Brookfield Global Listed Infrastructure Income fund	Public/Listed	Global
Capital Innovations	Listed Infrastructure Fund	Public/Listed	Global
Cohen & Steers	Global Listed Infrastructure Fund	Public/Listed	Global
Colonial First State	First State Investments Global Listed Infrastructure Fund	Public/Listed	Global
CVC Capital Partners	CVC European Infrastructure Fund	€ 1,500,000,000	Europe
Duff and Phelps	Duff & Phelps Global Listed Infrastructure Fund	Public/Listed	Global
Energy Power Partners	Energy Power Partners Fund I	$300,000,000	Developed Americas
EQT Partners	EQT Infrastructure Fund II	€ 1,500,000,000	Global
First State Investments Fund Management	First State European Diversified Infrastructure Fund	€ 1,500,000,000	Europe
Global Infrastructure Management	Global Infrastructure Partners II	$7,500,000,000	Global
Hastings Fund Management	UTA	Open-End Fund	Global
Highstar	Highstar IV	$3,500,000,000	Global
iCon	iCon Infrastructure Partners II	€ 500,000,000	Europe
Industry Funds Management	IFM Global Infrastructure	Open-End Fund	Global
J.P. Morgan Investment Management, Inc.	JP Morgan Infrastructure Investments Fund	Open-End Fund	Global
Lazard Freres	Lazard Global Listed Infrastructure Trust	Public/Listed	Global
Macquarie	Macquarie European Infrastructure Fund IV	€ 1,500,000,000	Europe
Macquarie	Macquarie Global Listed Infrastructure Fund	Public/Listed	Global
Magellan Asset Management Limited	MFG Core Infrastructure	Public/Listed	Global
Morgan Stanley	Morgan Stanley Infrastructure Partners II	$4,000,000,000	Global
Palmer Capital	UK Solar Income Partnership	€ 27,000,000	Europe
SteelRiver	SteelRiver Infrastructure Fund North America II	$2,000,000,000	Developed Americas
StonePeak	StonePeak Infrastructure Partners	$1,000,000,000	Developed Americas
Tiger Infrastructure Partners	Tiger Infrastructure Partners Fund L.P.	$600,000,000	Global
United Bridge Partners	UBP New American Bridges Fund	$1,000,000,000	Developed Americas

Appendix C (cont.): Infrastructure Funds In Market

Manager	Fund	Target Capital Raise	Geography
Opportunistic			
3i	India Infrastructure Fund II	$1,250,000,000	Emerging Markets
Actis	Actis Energy Fund III	$750,000,000	Emerging Markets
Alterna Capital Partners	Alterna Core Capital Assets II	$600,000,000	Global
Aviva Investors	Aviva Investors European Renewable Energy Fund	€ 300,000,000	Europe
Black River	Black River Metals & Mining	$300,000,000	Emerging Markets
BlackRock	BlackRock NTR Renewable Power Fund	$1,500,000,000	Global
BRZ Investimentos	BRZ Ports and Logistics Assets Fund	$450,000,000	Emerging Markets
BTG Pactual	BTG Pactual Infrastructure Fund II	$1,500,000,000	Emerging Markets
Capital Dynamics AG	Clean Energy and Infrastructure Fund	$500,000,000	Global
Capital Dynamics AG	US Solar Energy Fund	$300,000,000	Developed Americas
Citi Capital Advisors	Build India Fund II	$650,000,000	Emerging Markets
EnCap	EnCap Flatrock Midstream Fund II	$1,250,000,000	Developed Americas
Energy Capital Partners	Energy Capital Partners II	$3,500,000,000	Developed Americas
Energy Finance Company	Funding Solar Energy Limited Partnership	$100,000,000	Developed Americas
Equis Funds Group	Equis Asia Fund	$500,000,000	Emerging Markets
Fortress Investments	Fortress Power Assets Fund	$350,000,000	Developed Americas
IFC Asset Management Company	IFC Global Infrastructure Fund	$1,000,000,000	Emerging Markets
Marguerite	2020 European Fund for Energy, Climate Change & Infrastructure	€ 1,500,000,000	Europe
Modoc Capital LLC	Modoc Renewables Infrastructure Fund	$250,000,000	Developed Americas
Starwood Energy	Starwood Energy Infrastructure Fund II	$750,000,000	Developed Americas
Swiss Asia	China District Energy Fund	$500,000,000	Emerging Markets

APPENDICES:

Basket Clause

POLICE- BASKET/NON BASKET SUMMARY

As of August 31st, 2012	Adjusted Fund Policy			Fund Actual (PE & RE on an invested basis)		
Equity	**Non Basket***	**Basket***	**Total**	**Non Basket***	**Basket***	**Total**
Domestic Equity	36.71%	0.00%	36.71%	37.01%	0.00%	37.01%
Non-U.S. Equity	10.00%	6.00%	16.00%	10.00%	5.19%	15.19%
Private Equity	0.00%	7.00%	7.00%	0.00%	7.25%	7.25%
Real Estate	2.90%	0.00%	2.90%	2.90%	0.00%	2.90%
REITS	0.52%	0.00%	0.52%	0.52%	0.00%	0.52%
Hedge Funds	0.00%	2.19%	2.19%	0.00%	2.19%	2.19%
Total Equity	50.13%	15.19%	65.32%	50.44%	14.63%	65.06%
Fixed Income						
Core+5	20.58%	0.40%	20.98%	19.96%	0.00%	19.96%
U.S. Gov't Sector	*4.23%*	*0.00%*	*4.23%*	*3.12%*	*0.00%*	*3.12%*
Mortgage Sector	*8.38%*	*0.00%*	*8.38%*	*9.01%*	*0.00%*	*9.01%*
Credit Sector	*7.97%*	*0.40%*	*8.37%*	*7.84%*	*0.00%*	*7.84%*
High Yield	5.27%	0.59%	5.86%	5.41%	0.54%	5.94%
Bank Loans	0.00%	0.00%	0.00%	0.00%	1.42%	1.42%
TIPS	5.05%	0.50%	5.55%	1.70%	0.37%	2.07%
Convertibles	1.00%	0.00%	1.00%	0.95%	0.00%	0.95%
Opportunistic	0.35%	0.94%	1.29%	0.14%	1.15%	1.29%
Other Fixed Income	0.00%	0.00%	0.00%	3.27%	0.03%	3.30%
Total Fixed Income	32.25%	2.43%	34.68%	31.44%	3.50%	34.94%
Total Fund	82.38%	17.62%	100.00%	81.87%	18.13%	100.00%
Remaining Capacity		7.38%			6.87%	

* Note: Basket amounts are estimates