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 BOARD OF EDUCATION RETIREMENT SYSTEM

INVESTMENT MEETING

APRIL 20, 2012

LOCATION:

Buck Consultants
1st Floor Lobby - Xerox Conference Center
245 Park Avenue
New York, NY 10167

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

INVESTMENT MEETING

APRIL 20, 2012

PUBLIC AGENDA

		Page
I.	February Monthly Performance Review: (20 Minutes)	4
II.	Bank Loan Education: (20 Minutes)	23

APPENDICES:

- Basket Clause 36

PUBLIC AGENDA

I. February Monthly Performance Review:

Monthly Performance Review
February 2012

Prepared for the New York City
Board of Education Retirement System

4/20/2012

TABLE OF CONTENTS

BERS Market Values 2011-2012 ..... ***1***

BERS Market Values 2002-2012 ..... ***2***

Asset Allocation and Policy Weight Mixes ***3***

Classification of Investments, including policy weights and rebalancing ranges ***4***

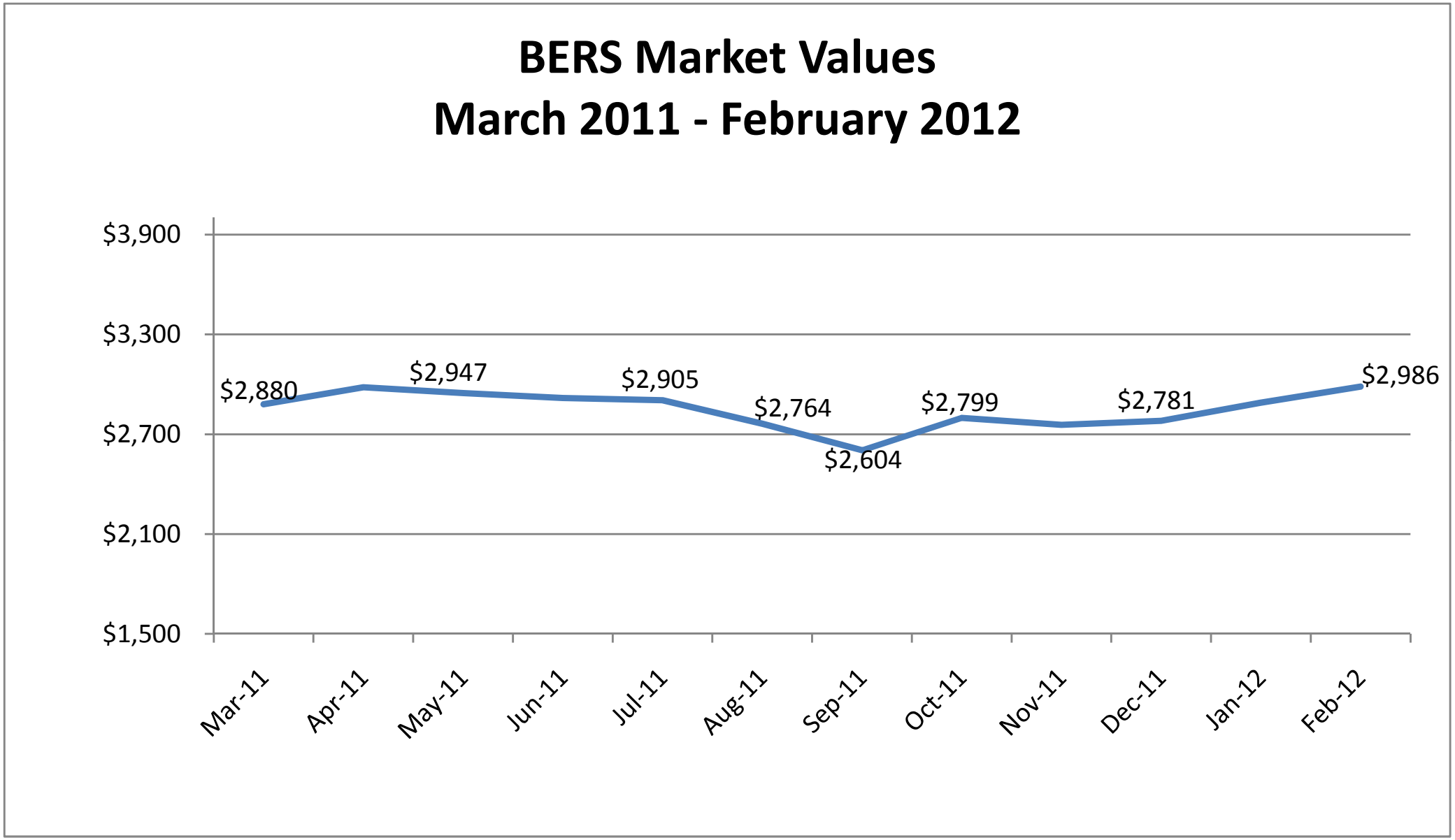
Market Indicators for February & March ***5***

Contribution to Returns ***7***

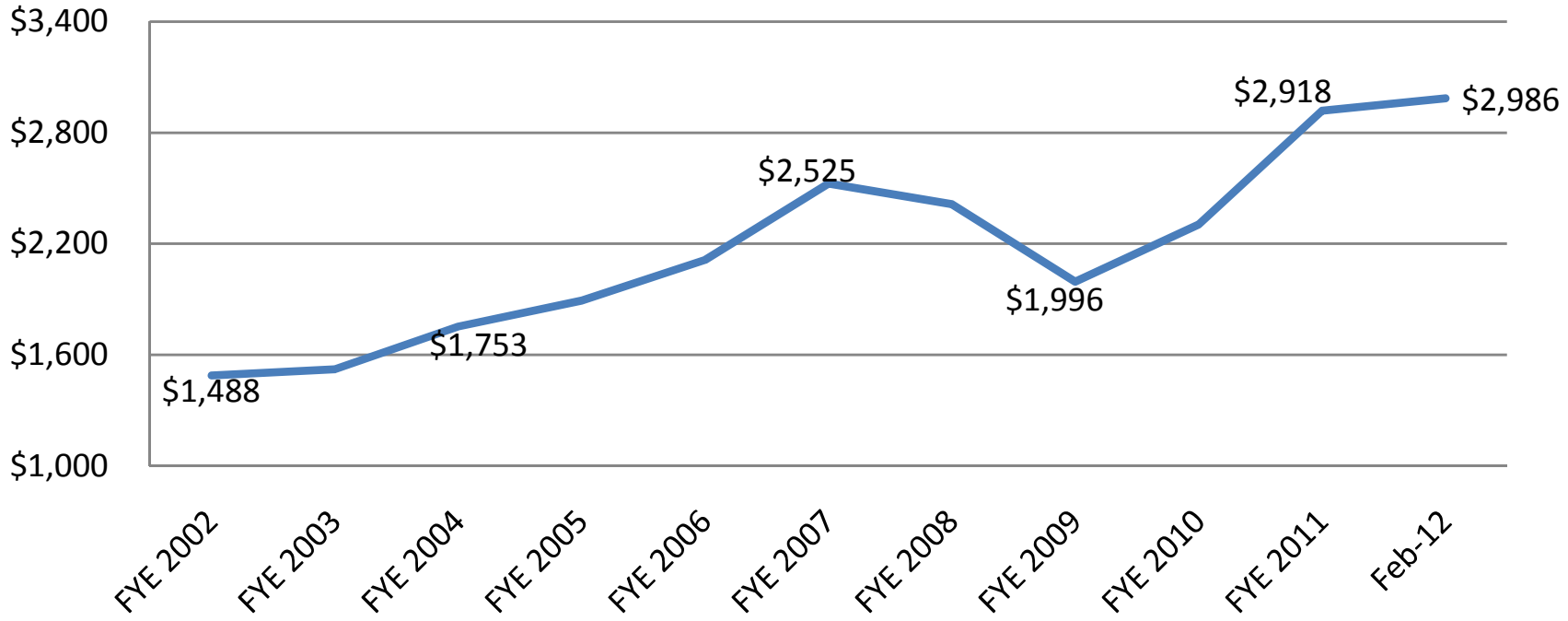
Manager / Benchmark Comparison Report ***8***

Private Equity Fund Supplemental Details ***15***

Real Estate Fund Supplemental Details ***16***


BERS Market Values
March 2011 - February 2012
$3,900
$3,300
$2,700
$2,100
$1,500
$2,880
$2,947
$2,905
$2,764
$2,604
$2,799
$2,781
$2,986
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
Sep-11
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12

BERS Market Values
2002 - 2012

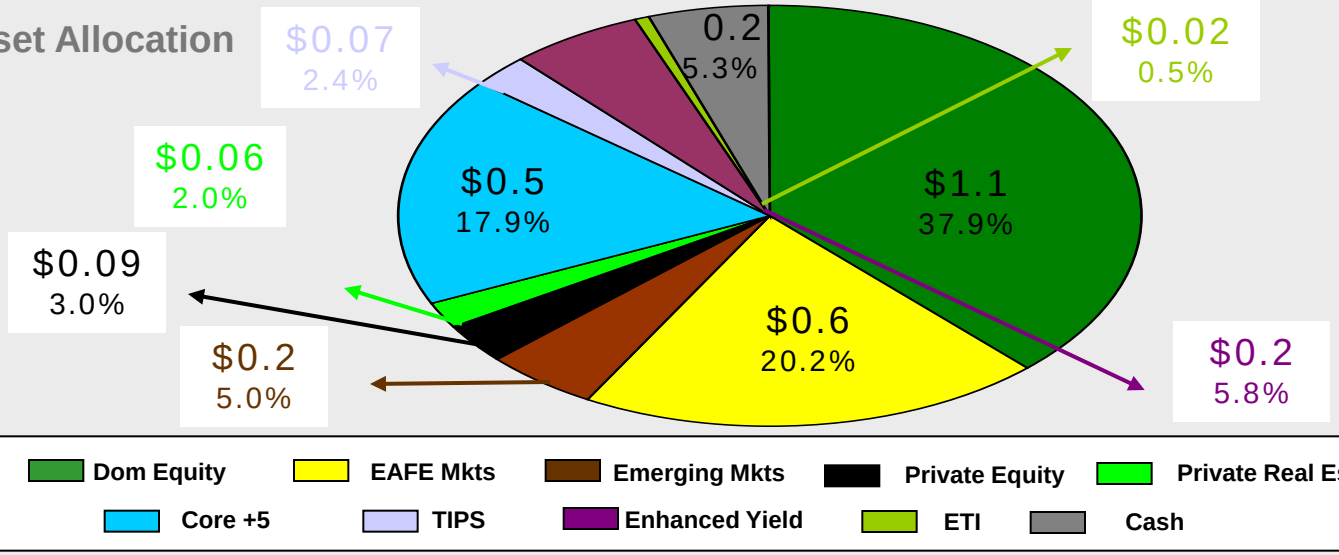


The February 2012 market value of $2.986 billion is up by 1.67% from the June 2011 market value of $2.918 billion.

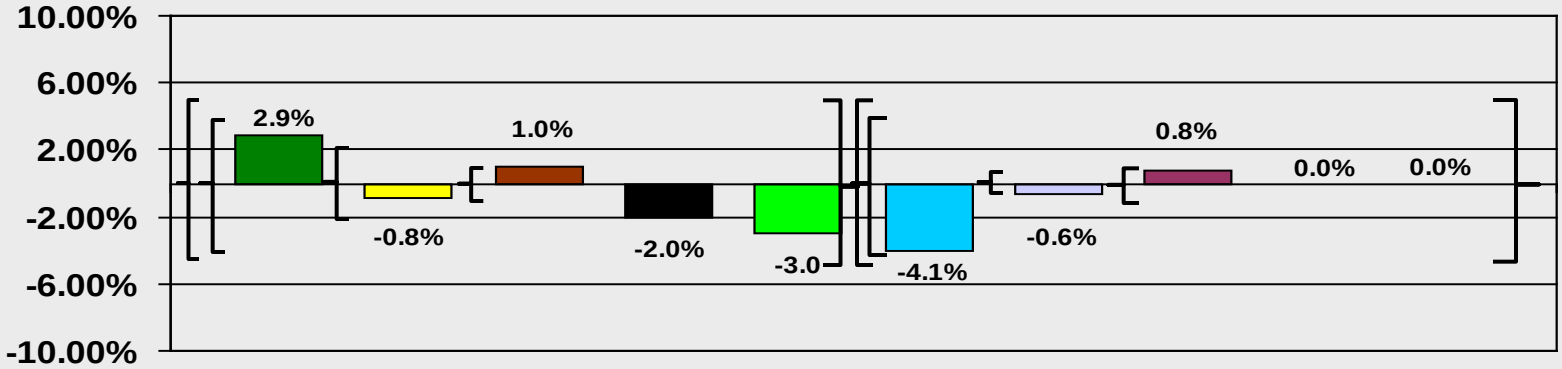
Portfolio Asset Allocation: February 29, 2012

$3B Under Management

Asset Allocation

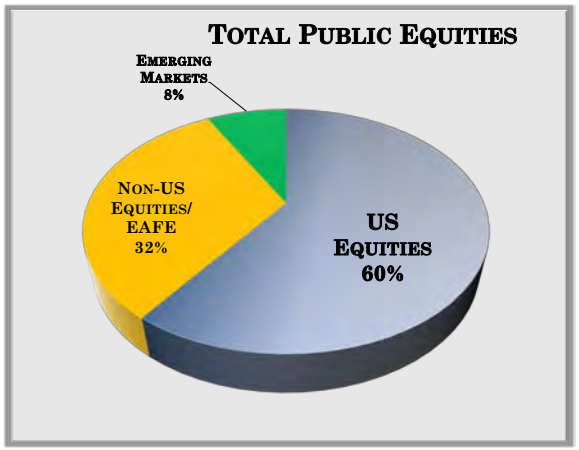


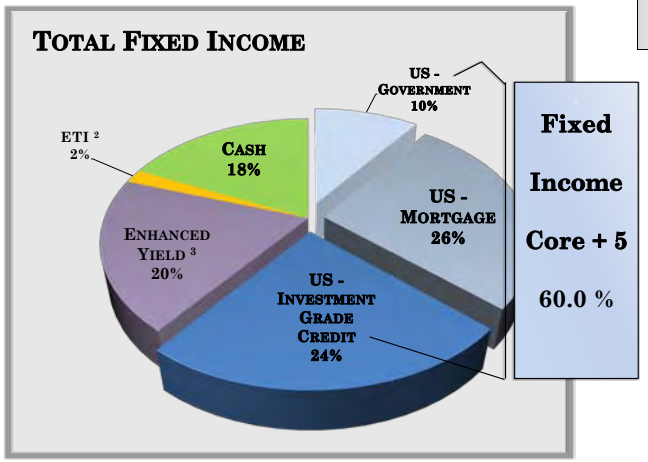
Relative Mix to Actual Policy Weights



Note: Brackets represent rebalancing ranges versus Actual Policy.

NYC BOARD OF EDUCATION RETIREMENT SYSTEM
CLASSIFICATION OF INVESTMENTS
(as of February 29th 2012)





	In $MM	Actual %	Old Policy Target %	New Policy Target %	New Rebalancing Range %
US Equities	$1,130.9	37.9%	35.0%	35.0%	31.0%-39.0%
Non-US Equities/EAFE	$602.6	20.2%	21.0%	17.0%	15.0%-19.0%
Emerging Markets	$148.9	5.0%	4.0%	5.0%	4.0%-6.0%
Total Public Equities	$1,882.4	63.0%	60.0%	57.0%	

	In $MM	Actual %	Old Policy Target %	New Policy Target %	New Rebalancing Range %
Total Private Equity [1]	$89.6	3.0%	5.0%	6.0%	5.0%-7.0%

	In $MM	Actual %	Old Policy Target %	New Policy Target %	New Rebalancing Range %
Total Real Estate [1]	$58.8	2.0%	5.0%	7.0%	6.0%-8.0%

	In $MM	Actual %	Old Policy Target %		New Policy Target %		New Rebalancing Range %
Core +5	US - Government	$88.6	3.0%	*Sum of Gov't + Mort.+ Credit Old Policy*	22.0%	*Sum of Gov't + Mort.+ Credit New Policy*	17.0%	*Neutral to the Core + 5 Index Weights*
	US - Mortgage	$235.4	7.9%					
	US - Investment Grade Credit	$211.6	7.1%					
	Total FI: Core + 5	$535.6	17.9%	22.0%		17.0%		*13.0% -21.0%*
	TIPS	$70.8	2.4%	3.0%		5.0%		4.0%-6.0%
	Enhanced Yield [3]	$174.3	5.8%	5.0%		8.0%		7.0%-9.0%
	ETI [2]	$15.7	0.5%	[2] 2.0%		[2] 2.0%		0.5%
	Cash	$158.8	5.3%	0.0%		0.0%		0.0%-5.0%
	Sub-total Fixed Income	$955.3	32.0%	30.0%		30.0%		

	In $MM	Actual %	Old Policy Target %	New Policy Target %	New Rebalancing Range %
TOTAL EQUITIES	$2,030.8	68.0%	70.0%	70.0%	65.0%-75.0%
TOTAL FIXED INCOME	$955.3	32.0%	30.0%	30.0%	25.0%-35.0%
TOTAL	$2,986.1	100.0%	100.0%	100.0%	

[1] IF PE OR RE WEIGHTS ARE BELOW THE POLICY WEIGHTS, THE SHORTFALL WILL BE INVESTED IN US EQUITY.

[2] ETI'S 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.

[3] THE POLICY IS 8% FOR HIGH YIELD CONSISTING 5.5%ENHANCED YIELD AND 2.5% IN BANK LOANS.

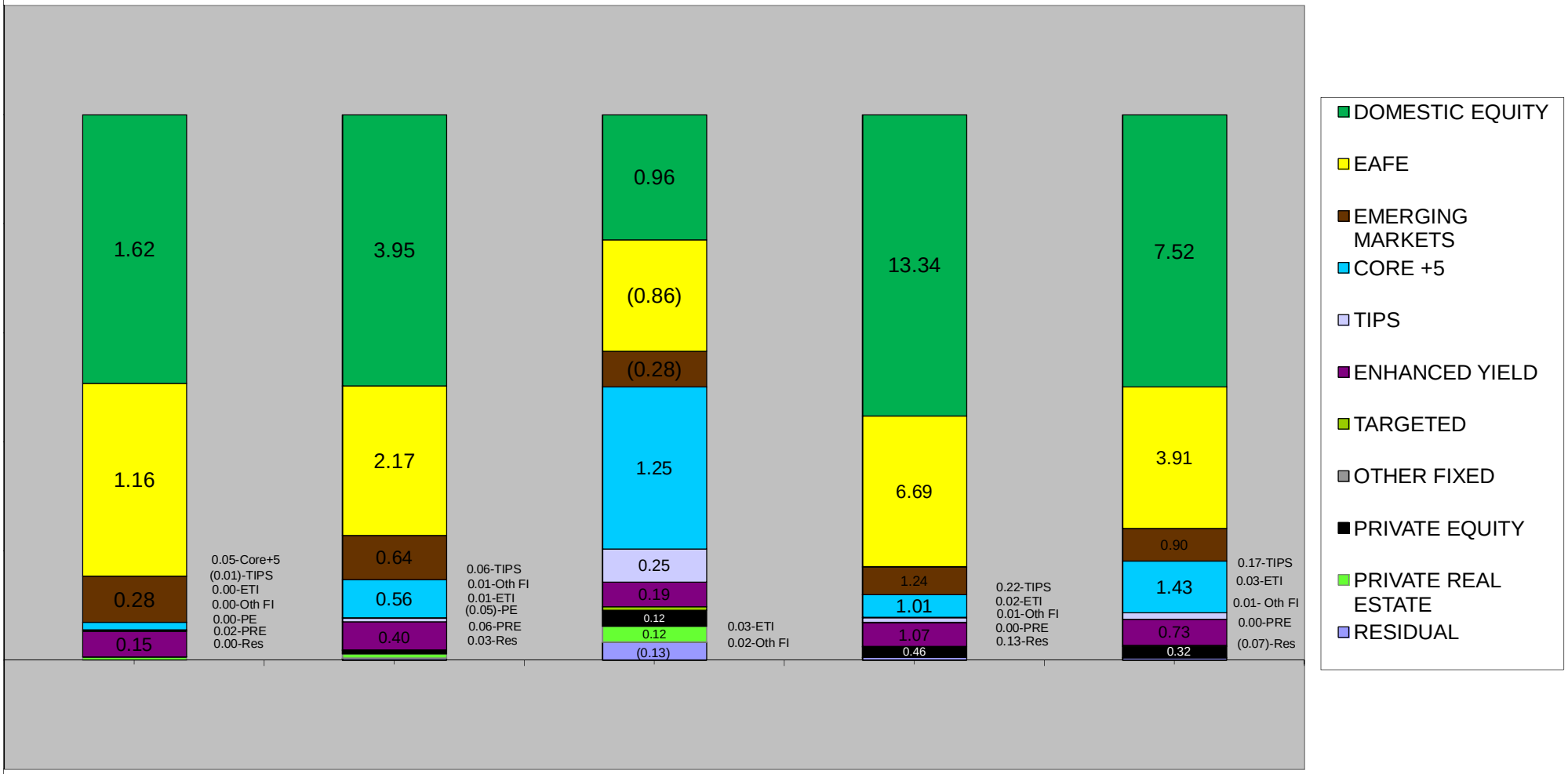
THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Market Indicator Page *NYC Board of Education Retirement System
February 29, 2012

	Trailing 1 Month	Trailing 3 Months	06/30/11 02/29/12	Trailing 1 Year	Trailing* 2 Years	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years
MARKET INDICATORS								
STANDARD & POORS 500	4.32	10.11	4.98	5.12	13.50	25.55	1.58	4.16
S&P MIDCAP INDEX 400	4.50	10.99	0.84	2.55	16.67	31.49	4.67	8.24
RUSSELL 1000	4.39	10.39	4.46	4.86	13.81	26.24	1.77	4.63
RUSSELL 2000	2.39	10.35	-1.09	-0.15	15.05	29.47	1.83	7.00
RUSSELL 3000	4.23	10.39	4.01	4.45	13.91	26.49	1.77	4.80
RUSSELL 3000 GROWTH	4.67	10.69	6.06	7.19	16.11	27.78	4.48	4.47
RUSSELL 3000 VALUE	3.79	10.08	1.98	1.77	11.74	25.22	-1.03	4.92
MSCI EAFE (NET DIVIDEND)	5.74	10.32	-6.78	-7.45	5.38	19.73	-2.93	6.30
MSCI EMERGING MARKETS FREE	6.01	16.64	-4.39	0.19	10.21	32.63	6.51	15.53
FTSE CUSTOM BENCHMARK	5.42	16.11	-3.97	1.21	11.77	35.74	7.62	****
MSCI WORLD INDEX	4.94	10.22	-0.87	-1.14	9.96	23.34	-0.02	5.59
MSCI EUROPE SMID CAP INDEX	7.67	13.11	-11.21	-9.35	8.46	26.04	****	****
NYC - TREASURY AGENCY PLUS FIVE	-1.27	1.24	14.18	18.05	11.80	8.28	8.80	7.48
CITIGROUP MORTGAGE	0.12	1.24	3.86	6.49	5.38	5.81	6.45	5.59
NYC - INVESTMENT GRADE CREDIT INDEX	0.79	4.90	7.43	9.97	8.50	12.25	6.61	6.30
NYC - CORE PLUS FIVE	0.05	2.52	7.30	10.15	7.79	8.43	7.17	6.32
CITIGROUP BROAD INVESTMENT GRADE	-0.03	1.94	5.92	8.40	6.54	7.10	6.54	5.79
BARCLAYS CAPITAL AGGREGATE	-0.02	1.96	5.88	8.37	6.63	7.52	6.36	5.68
CITIGROUP BB & B	2.09	7.47	6.44	7.99	12.02	19.33	5.91	7.84
BofA MERRILL LYNCH HY MASTER II	2.28	7.86	4.70	6.18	11.56	25.16	7.91	9.23
BARCLAYS CAPITAL GLOBAL US TIPS (INFLATION NOTES)	-0.33	1.99	9.42	14.57	10.73	11.23	7.90	7.56
BofA ML ALL CONVERTIBLES EX MANDATORY	2.95	8.78	-0.21	-0.12	9.99	22.47	4.17	****
DJ WILSHIRE REAL ESTATE SECURITIES INDEX	-1.02	10.35	3.44	6.07	21.48	43.71	-2.48	10.39
NCREIF NFI-ODCE NET	0.00	2.71	6.11	14.97	15.10	-2.66	-1.11	****
91 DAY TREASURY BILL	0.00	0.00	0.02	0.08	0.11	0.14	1.32	1.92

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Market Indicator Page *NYC Board of Education Retirement System
March 31, 2012

	Trailing 1 Month	Trailing 3 Months	06/30/11 03/31/12	Trailing 1 Year	Trailing* 2 Years	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years
MARKET INDICATORS								
STANDARD & POORS 500	3.29	12.59	8.43	8.54	12.03	23.41	2.01	4.11
S&P MIDCAP INDEX 400	1.88	13.50	2.73	1.98	13.77	28.54	4.78	7.70
RUSSELL 1000	3.13	12.90	7.73	7.86	12.18	24.02	2.18	4.53
RUSSELL 2000	2.56	12.44	1.45	-0.18	12.05	26.89	2.13	6.45
RUSSELL 3000	3.08	12.87	7.21	7.18	12.17	24.25	2.17	4.67
RUSSELL 3000 GROWTH	3.19	14.58	9.44	10.14	14.59	25.50	5.01	4.41
RUSSELL 3000 VALUE	2.98	11.16	5.02	4.30	9.80	23.03	-0.75	4.72
MSCI EAFE (NET DIVIDEND)	-0.46	10.86	-7.22	-5.77	2.00	17.12	-3.51	5.70
MSCI EMERGING MARKETS FREE	-3.32	14.14	-7.56	-8.52	4.24	25.41	4.97	14.47
FTSE CUSTOM BENCHMARK	-2.36	14.65	-6.23	-6.89	5.83	28.65	6.25	****
MSCI WORLD INDEX	1.34	11.72	0.46	1.14	7.39	20.90	-0.13	5.27
MSCI EUROPE SMID CAP INDEX	0.30	16.50	-10.94	-9.85	4.48	23.50	****	****
NYC - TREASURY AGENCY PLUS FIVE	-2.07	-2.74	11.82	15.61	11.39	6.23	8.45	7.64
CITIGROUP MORTGAGE	0.07	0.61	3.94	6.38	5.45	5.30	6.41	5.71
NYC - INVESTMENT GRADE CREDIT INDEX	-0.72	2.09	6.65	9.16	8.02	11.99	6.57	6.42
NYC - CORE PLUS FIVE	-0.69	0.38	6.56	9.30	7.53	7.63	7.05	6.44
CITIGROUP BROAD INVESTMENT GRADE	-0.56	0.25	5.33	7.74	6.39	6.40	6.42	5.91
BARCLAYS CAPITAL AGGREGATE	-0.55	0.30	5.30	7.71	6.40	6.83	6.24	5.80
CITIGROUP BB & B	-0.19	4.54	6.23	7.34	10.48	18.82	5.83	7.57
BofA MERRILL LYNCH HY MASTER II	-0.09	5.15	4.60	5.64	9.82	23.77	7.84	8.95
BARCLAYS CAPITAL GLOBAL US TIPS (INFLATION NOTES)	-1.07	0.86	8.25	12.20	10.06	8.75	7.61	7.51
BofA ML ALL CONVERTIBLES EX MANDATORY	1.24	9.86	1.03	0.42	8.35	21.05	4.38	****
DJ WILSHIRE REAL ESTATE SECURITIES INDEX	5.18	10.88	8.80	13.17	18.64	44.61	-0.93	10.29
NCREIF NFI-ODCE NET	****	****	****	****	****	****	****	****
91 DAY TREASURY BILL	0.01	0.01	0.03	0.07	0.11	0.13	1.23	1.91

NYC Board of Education Retirement System Contribution to Return - February 2012



1 Month - Total Fund Return 3.27%

3 Months - Total Fund Return 7.84%

FYTD - Total Fund Return 1.67%

Fiscal Year Ending 6/30/11 Total Fund Return 24.19%

Calendar Year Ending 2010 Total Fund Return 14.95%

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Board of Education Retirement System
February 29, 2012

	Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/11	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	$ 1,130.9	37.87%	4.31%	10.64%	2.41%	10.16%	33.38%	-0.72%	17.27%	28.79%	-37.22%	3.09%	26.04%	1.73%	4.94%	8.78%
DEVELOPED MARKETS	602.6	20.18%	5.90	11.04	-3.98	12.15	32.54	-10.35	17.92	39.95	-42.78	-1.33	25.04	1.56	8.25	7.77
EMERGING MARKETS	148.9	4.99%	5.70	13.48	-5.12	17.00	29.38	-18.03	19.85	71.67	-55.84	-0.45	30.89	4.82	16.27	10.04
CORE + 5	535.6	17.94%	0.25	2.98	7.48	1.45	4.77	9.23	8.36	8.74	3.51	10.13	9.90	7.17	6.60	8.62
TIPS MANAGERS	70.8	2.37%	-0.32	2.25	9.69	1.82	6.98	13.34	6.57	10.24	-0.70	14.53	11.29	8.01	****	6.40
HIGH YIELD	174.3	5.84%	2.62	8.51	5.63	5.93	17.43	6.25	15.01	44.33	-21.04	7.92	21.36	8.15	9.16	5.88
ECONOMICALLY TARGETED INVESTMENTS	15.7	0.53%	0.02	1.49	5.01	0.66	3.97	7.10	5.80	7.02	5.53	7.13	6.39	6.27	****	6.66
PRIVATE EQUITY	89.6	3.00%	0.00	-1.63	4.42	0.00	20.08	19.15	13.64	-9.95	-7.59	19.15	6.83	2.63	****	-1.57
PRIVATE REAL ESTATE	58.8	1.97%	0.99	2.99	7.26	2.99	****	9.43	****	****	****	12.70	****	****	****	10.05
CASH	158.8	5.32%	0.02	0.15	0.33	0.08	0.43	0.59	0.41	1.25	3.52	0.61	0.70	2.12	****	2.77
TOTAL BOARD OF EDUCATION	**$ 2,986.1**		**3.27%**	**7.84%**	**1.67%**	**7.63%**	**24.19%**	**-0.42%**	**14.95%**	**25.74%**	**-28.72%**	**3.84%**	**19.85%**	**3.59%**	**6.62%**	**8.75%**
TOTAL EQUITY	1,882.4	63.04%	4.93	10.99	-0.34	11.31	32.96	-5.27	17.69	34.27	-40.16	1.29	25.93	1.79	****	6.17
TOTAL FIXED INCOME	796.5	26.67%	0.70	4.02	7.77	2.42	7.40	9.42	9.39	14.01	-1.19	10.62	12.09	7.58	****	6.49
TOTAL PRIVATE EQUITY	89.6	3.00%	0.00	-1.63	4.42	0.00	20.08	19.15	13.64	-9.95	-7.59	19.15	6.83	2.63	****	-1.57
PRIVATE REAL ESTATE	58.8	1.97%	0.99	2.99	7.26	2.99	****	9.43	****	****	****	12.70	****	****	****	10.05
TOTAL CASH	158.8	5.32%	0.02	0.15	0.33	0.08	0.43	0.59	0.41	1.25	3.52	0.61	0.70	2.12	****	2.77

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Board of Education Retirement System
February 29, 2012

		Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/11	Calendar Yr Ending 2011	Calendar Yr Ending 2010	Calendar Yr Ending 2009	Calendar Yr Ending 2008	Trailing 1 Year	Trailing* 3 Years	Trailing* 5 Years	Trailing* 10 Years	Since Inception
EQUITY ASSET CLASS SUMMARY																	
DOMESTIC EQUITY	**$**	**1,130.9**	**37.87%**	**4.31%**	**10.64%**	**2.41%**	**10.16%**	**33.38%**	**-0.72%**	**17.27%**	**28.79%**	**-37.22%**	**3.09%**	**26.04%**	**1.73%**	**4.94%**	**8.78%**
PASSIVE DOMESTIC EQUITY		771.6	25.84%	4.24	10.40	3.79	9.59	32.34	0.69	16.99	28.31	-37.12	4.24	26.35	1.76	4.86	8.41
RUSSELL 3000				4.23	10.39	4.01	9.49	32.37	1.03	16.93	28.34	-37.31	4.45	26.49	1.77	4.80	
	+/-			0.01	0.01	(0.22)	0.10	(0.03)	(0.33)	0.06	(0.03)	0.19	(0.21)	(0.14)	(0.01)	0.06	
TOTAL RUSSELL 3000		720.8	24.14%	4.22	10.36	3.98	9.46	32.27	0.95	16.99	28.31	-37.12	4.36	26.41	1.79	4.81	8.30
RUSSELL 3000				4.23	10.39	4.01	9.49	32.37	1.03	16.93	28.34	-37.31	4.45	26.49	1.77	4.80	
	+/-			(0.01)	(0.03)	(0.02)	(0.03)	(0.10)	(0.08)	0.06	(0.03)	0.19	(0.09)	(0.08)	0.02	0.01	
TOTAL MID CAP PASSIVE		50.9	1.70%	4.50	10.99	0.88	11.39	****	****	****	****	****	2.63	****	****	****	6.82
S&P MIDCAP 400				4.50	10.99	0.84	11.40	39.38	-1.73	26.64	37.38	-36.23	2.55	31.49	4.67	8.24	
	+/-			(0.00)	0.00	0.04	(0.01)	****	****	****	****	****	0.08	****	****	****	
ACTIVE DOMESTIC EQUITY		359.3	12.03%	4.48	11.16	-0.64	11.41	36.05	-3.63	17.87	30.20	-37.40	0.65	25.37	1.76	5.06	7.46
RUSSELL 3000				4.23	10.39	4.01	9.49	32.37	1.03	16.93	28.34	-37.31	4.45	26.49	1.77	4.80	
	+/-			0.25	0.77	(4.64)	1.91	3.68	(4.66)	0.94	1.86	(0.09)	(3.80)	(1.12)	(0.01)	0.25	
TOTAL LARGE CAP		145.9	4.89%	4.73	11.03	0.79	10.78	35.10	-1.64	16.72	30.50	-35.16	1.88	25.43	2.82	5.30	8.21
RUSSELL 1000				4.39	10.39	4.46	9.48	31.93	1.50	16.10	28.43	-37.60	4.86	26.24	1.77	4.63	
	+/-			0.34	0.64	(3.67)	1.31	3.17	(3.14)	0.62	2.07	2.44	(2.98)	(0.81)	1.06	0.67	
TOTAL MID CAP ACTIVE		82.3	2.76%	4.67	11.78	-1.81	12.76	****	-6.79	****	****	****	-1.05	****	****	****	12.87
RUSSELL MID CAP				4.15	10.33	0.62	10.46	38.47	-1.55	25.47	40.46	-41.46	2.59	31.97	2.73	8.24	
	+/-			0.52	1.45	(2.43)	2.30	****	(5.25)	****	****	****	(3.64)	****	****	****	
TOTAL SMALL CAP ACTIVE		30.1	1.01%	3.09	9.54	-10.63	10.23	47.40	-10.17	21.37	35.44	-41.59	-7.43	24.59	-1.35	****	2.94
RUSSELL 2000				2.39	10.35	-1.09	9.63	37.41	-4.18	26.85	27.18	-33.80	-0.15	29.47	1.83	7.00	
	+/-			0.69	(0.81)	(9.54)	0.60	9.99	(5.99)	(5.48)	8.26	(7.79)	(7.27)	(4.88)	(3.18)	****	
TOTAL EMERGING MGRS		101.0	3.38%	4.38	11.33	1.67	11.57	35.50	-1.75	18.99	28.60	-37.38	2.99	26.69	2.69	****	5.56
RUSSELL 3000				4.23	10.39	4.01	9.49	32.37	1.03	16.93	28.34	-37.31	4.45	26.49	1.77	4.80	
	+/-			0.15	0.94	(2.34)	2.08	3.13	(2.78)	2.06	0.26	(0.07)	(1.46)	0.21	0.92	****	
TOTAL INTERNATIONAL EQUITY		**751.5**	**25.17%**	**5.86**	**11.52**	**-4.21**	**13.08**	**31.98**	**-11.84**	**18.25**	**45.00**	**-45.54**	**-1.16**	**26.02**	**2.11**	**9.65**	**8.09**
ACTIVE DEVELOPED MARKETS		602.6	20.18%	5.90	11.04	-3.98	12.15	32.54	-10.35	17.92	39.95	-42.78	-1.33	25.04	1.56	8.09	8.10
MSCI EAFE (NET DIVIDEND)				5.74	10.32	-6.78	11.38	30.36	-12.14	7.75	31.78	-43.39	-7.45	19.73	-2.93	6.30	
	+/-			0.16	0.72	2.80	0.77	2.18	1.79	10.17	8.17	0.61	6.12	5.31	4.49	1.78	
PASSIVE EMERGING MARKETS		29.4	0.98%	6.00	16.37	-5.14	17.97	****	****	****	****	****	****	****	****	****	-6.24
MSCI EMERGING MARKETS FREE				6.01	16.64	-4.39	18.05	28.17	-18.17	19.20	79.02	-53.17	0.19	32.63	6.51	15.53	
	+/-			(0.01)	(0.28)	(0.75)	(0.08)	****	****	****	****	****	****	****	****	****	
ACTIVE EMERGING MARKETS		119.5	4.00%	5.62	12.79	-5.13	16.76	29.39	-17.86	19.85	71.67	-55.84	-0.39	30.89	4.82	****	13.30
MSCI EMERGING MARKETS FREE				6.01	16.64	-4.39	18.05	28.17	-18.17	19.20	79.02	-53.17	0.19	32.63	6.51	15.53	
	+/-			(0.39)	(3.85)	(0.74)	(1.29)	1.22	0.32	0.65	(7.35)	(2.67)	(0.58)	(1.74)	(1.70)	****	

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Board of Education Retirement System
February 29, 2012

	Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/11	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
FIXED INCOME ASSET CLASS SUMMARY																
TOTAL FIXED INCOME	**796.5**	**26.67%**	**0.70%**	**4.02%**	**7.77%**	**2.42%**	**7.40%**	**9.42%**	**9.39%**	**14.01%**	**-1.19%**	**10.62%**	**12.09%**	**7.58%**	********	**6.49%**
CORE + 5	535.6	17.94%	0.25	2.98	7.48	1.45	4.77	9.23	8.36	8.74	3.51	10.13	9.90	7.17	6.60	8.62
NYC - CORE PLUS FIVE			0.05	2.52	7.30	1.07	4.15	9.40	7.13	6.28	6.64	10.15	8.43	7.17	6.32	
+/-			0.20	0.46	0.17	0.38	0.62	(0.17)	1.23	2.46	(3.13)	(0.02)	1.47	(0.00)	0.28	
ALL MORTGAGE	235.4	7.88%	0.27	1.73	4.33	1.05	4.66	6.30	7.84	9.20	4.30	6.61	7.83	6.84	6.07	6.81
CITIGROUP MORTGAGE INDEX			0.12	1.24	3.86	0.54	3.74	6.38	5.50	5.76	8.49	6.49	5.81	6.45	5.59	
+/-			0.15	0.49	0.47	0.51	0.92	(0.08)	2.34	3.44	(4.19)	0.12	2.02	0.39	0.48	
ALL INVESTMENT GRADE CREDIT	211.6	7.09%	0.84	5.13	7.83	2.79	6.34	8.34	9.02	22.61	-9.91	10.34	14.97	6.09	6.67	8.04
NYC - INVESTMENT GRADE CREDIT			0.79	4.90	7.43	2.83	5.94	7.80	8.36	16.36	-4.06	9.97	12.25	6.61	6.30	
+/-			0.04	0.23	0.41	(0.04)	0.40	0.55	0.66	6.25	(5.85)	0.38	2.71	(0.51)	0.37	
ALL TREASURY / AGENCY	88.6	2.97%	-1.17	1.34	14.18	-0.60	2.41	18.52	8.93	-6.64	18.77	18.18	8.45	8.95	7.43	8.45
NYC - TREASURY AGENCY PLUS FIVE			-1.27	1.24	14.18	-0.68	2.44	18.44	9.24	-7.44	18.91	18.05	8.28	8.80	7.48	
+/-			0.10	0.10	(0.00)	0.08	(0.03)	0.08	(0.31)	0.80	(0.14)	0.13	0.17	0.16	(0.05)	
HIGH YIELD	174.3	5.84%	2.62	8.51	5.63	5.93	17.43	6.25	15.01	44.33	-21.04	7.92	21.36	8.15	9.16	5.88
CITIGROUP BB & B			2.09	7.47	6.44	4.74	14.60	6.58	13.35	40.37	-25.10	7.99	19.33	5.91	7.84	
+/-			0.53	1.04	(0.81)	1.19	2.83	(0.33)	1.66	3.96	4.06	(0.07)	2.02	2.24	1.32	
TIPS	70.8	2.37%	-0.32	2.25	9.69	1.82	6.98	13.34	6.57	10.24	-0.70	14.53	11.29	8.01	****	6.40
BARCLAYS CAPITAL US TIPS INDEX			-0.33	1.99	9.42	1.96	7.74	13.56	6.37	11.41	-2.35	14.57	11.23	7.90	7.56	
+/-			0.00	0.25	0.27	(0.14)	(0.76)	(0.22)	0.20	(1.17)	1.65	(0.04)	0.06	0.12	****	
ECONOMICALLY TARGETED INVESTMENTS	15.74	0.53%	0.02	1.49	5.01	0.66	3.97	7.10	5.80	7.02	5.53	7.13	6.39	6.27	****	6.66
BERS CUSTOM BENCHMARK (NO CASH)			-0.02	1.67	5.16	0.72	3.69	7.09	5.98	4.91	6.19	7.50	6.54	6.06	****	
+/-			0.04	(0.17)	(0.15)	(0.06)	0.28	0.01	(0.18)	2.11	(0.66)	(0.37)	(0.15)	0.21	****	
CASH ASSET CLASS SUMMARY																
CASH	158.8	5.32%	0.02	0.15	0.33	0.08	0.43	0.59	0.41	1.25	3.52	0.61	0.70	2.12	****	2.77
ML 91 DAY TREASURY BILL INDEX			0.00	0.00	0.02	0.00	0.16	0.10	0.13	0.21	2.06	0.08	0.14	1.32	1.92	
+/-			0.02	0.15	0.31	0.08	0.27	0.49	0.28	1.04	1.46	0.53	0.56	0.80	****	

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Board of Education Retirement System
February 29, 2012

	Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/11	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
US EQUITY																
TOTAL RUSSELL 3000	720.8	24.14%	4.22	10.36	3.98	9.46	32.27	0.95	16.99	28.31	-37.12	4.36	26.41	1.79	4.81	8.30
BLACKROCK R3000	720.8	24.14%	4.22	10.36	3.98	9.46	32.27	0.95	16.99	28.31	-37.12	4.36	26.41	1.79	4.81	2.55
RUSSELL 3000			4.23	10.39	4.01	9.49	32.37	1.03	16.93	28.34	-37.31	4.45	26.49	1.77	4.80	
TOTAL RUSSELL 3000 +/-			(0.01)	(0.03)	(0.02)	(0.03)	(0.10)	(0.08)	0.06	(0.03)	0.19	(0.09)	(0.08)	0.02	0.01	
BLACKROCK R3000 +/-			(0.01)	(0.03)	(0.02)	(0.03)	(0.10)	(0.08)	0.06	(0.03)	0.19	(0.09)	(0.08)	0.02	0.01	
TOTAL SMALL CAP	30.1	1.01%	3.09	9.54	-10.63	10.23	47.40	-10.17	21.37	35.44	-41.59	-7.43	24.59	-1.35	****	6.44
RUSSELL 2000			2.39	10.35	-1.09	9.63	37.41	-4.18	26.85	27.18	-33.80	-0.15	29.47	1.83	7.00	
+/-			0.69	(0.81)	(9.54)	0.60	9.99	(5.99)	(5.48)	8.26	(7.79)	(7.27)	(4.88)	(3.18)	****	
TOTAL SMALL CAP ACTIVE	30.1	1.01%	3.09	9.54	-10.63	10.23	47.40	-10.17	21.37	35.44	-41.59	-7.43	24.59	-1.35	****	2.94
RUSSELL 2000			2.39	10.35	-1.09	9.63	37.41	-4.18	26.85	27.18	-33.80	-0.15	29.47	1.83	7.00	
+/-			0.69	(0.81)	(9.54)	0.60	9.99	(5.99)	(5.48)	8.26	(7.79)	(7.27)	(4.88)	(3.18)	****	
TOTAL SMALL CAP CORE ACTIVE	30.1	1.01%	3.09	9.54	-10.63	10.23	47.40	-10.17	****	****	****	-7.43	****	****	****	8.73
DARUMA -SCC	30.1	1.01%	3.09	9.54	-10.63	10.23	47.40	-10.17	****	****	****	-7.43	****	****	****	8.73
RUSSELL 2000			2.39	10.35	-1.09	9.63	37.41	-4.18	26.85	27.18	-33.80	-0.15	29.47	1.83	7.00	
TOTAL SMALL CAP CORE +/-			0.69	(0.81)	(9.54)	0.60	9.99	(5.99)	****	****	****	(7.27)	****	****	****	
DARUMA -SCC +/-			0.69	(0.81)	(9.54)	0.60	9.99	(5.99)	****	****	****	(7.27)	****	****	****	
TOTAL MID CAP	133.2	4.46%	4.60	11.48	-0.80	12.23	****	-5.53	****	****	****	0.32	****	****	****	13.58
RUSSELL MID CAP			4.15	10.33	0.62	10.46	38.47	-1.55	25.47	40.46	-41.46	2.59	31.97	2.73	8.24	
+/-			0.45	1.15	(1.42)	1.77	****	(3.98)	****	****	****	(2.27)	****	****	****	
TOTAL MID CAP PASSIVE	50.9	1.70%	4.50	10.99	0.88	11.39	****	****	****	****	****	2.63	****	****	****	6.82
SSGA S&P 400	50.9	1.70%	4.50	10.99	0.88	11.39	****	****	****	****	****	2.63	****	****	****	6.82
S&P MIDCAP 400			4.50	10.99	0.84	11.40	39.38	-1.73	26.64	37.38	-36.23	2.55	31.49	4.67	8.24	
TOTAL MID CAP PASSIVE +/-			(0.00)	0.00	0.04	(0.01)	****	****	****	****	****	0.08	****	****	****	
SSGA S&P 400 +/-			(0.00)	0.00	0.04	(0.01)	****	****	****	****	****	0.08	****	****	****	
TOTAL MID CAP ACTIVE	82.3	2.76%	4.67	11.78	-1.81	12.76	****	-6.79	****	****	****	-1.05	****	****	****	12.87
RUSSELL MID CAP			4.15	10.33	0.62	10.46	38.47	-1.55	25.47	40.46	-41.46	2.59	31.97	2.73	8.24	
+/-			0.52	1.45	(2.43)	2.30	****	(5.25)	****	****	****	(3.64)	****	****	****	
TOTAL MID CAP CORE ACTIVE	82.3	2.76%	4.67	11.78	-1.81	12.76	****	-6.79	****	****	****	-1.05	****	****	****	12.87
WELLINGTON	82.3	2.76%	4.67	11.78	-1.81	12.76	****	-6.79	****	****	****	-1.05	****	****	****	12.87
S&P MIDCAP 400			4.50	10.99	0.84	11.40	39.38	-1.73	26.64	37.38	-36.23	2.55	31.49	4.67	8.24	
TOTAL MID CAP CORE +/-			0.17	0.79	(2.65)	1.36	****	(5.06)	****	****	****	(3.60)	****	****	****	
WELLINGTON +/-			0.17	0.79	(2.65)	1.36	****	(5.06)	****	****	****	(3.60)	****	****	****	
TOTAL LARGE CAP	145.9	4.89%	4.73	11.03	0.79	10.78	35.10	-1.64	16.72	30.50	-35.16	1.88	25.43	2.82	5.30	8.21
RUSSELL 1000			4.39	10.39	4.46	9.48	31.93	1.50	16.10	28.43	-37.60	4.86	26.24	1.77	4.63	
+/-			0.34	0.64	(3.67)	1.31	3.17	(3.14)	0.62	2.07	2.44	(2.98)	(0.81)	1.06	0.67	
TOTAL LARGE CAP GROWTH	51.4	1.72%	5.31	11.74	-2.76	14.77	37.01	-8.93	17.52	44.55	-38.15	-2.64	26.00	5.01	5.31	8.21
RUSSELL 1000 GROWTH			4.78	10.68	6.68	11.04	35.01	2.64	16.71	37.22	-38.43	7.62	27.51	4.54	4.31	
+/-			0.53	1.06	(9.44)	3.73	2.00	(11.57)	0.81	7.33	0.28	(10.26)	(1.51)	0.47	1.00	

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Board of Education Retirement System
February 29, 2012

	Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/11	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
ZEVENBERGEN	51.4	1.72%	5.31	11.74	-2.76	14.77	41.19	-10.02	23.05	56.91	-41.75	-2.64	30.99	7.04	7.83	9.79
RUSSELL 3000 GROWTH			4.67	10.69	6.06	11.04	35.68	2.18	17.64	37.00	-38.45	7.19	27.78	4.48	4.47	
+/-			0.65	1.04	(8.82)	3.73	5.51	(12.20)	5.41	19.91	(3.30)	(9.83)	3.21	2.57	3.36	
TOTAL LARGE CAP VALUE	94.5	3.16%	4.42	10.65	2.83	8.73	32.74	2.73	15.81	17.68	-32.16	4.51	23.98	0.39	****	5.96
ARONSON JOHNSON	94.5	3.16%	4.42	10.65	2.83	8.73	32.74	2.73	15.81	17.68	-32.16	4.51	23.98	0.39	****	5.96
RUSSELL 1000 VALUE			3.99	10.09	2.29	7.92	28.94	0.39	15.51	19.69	-36.85	2.18	25.00	-1.08	4.74	
TOTAL LARGE CAP VALUE +/-			0.43	0.55	0.55	0.81	3.80	2.34	0.30	(2.01)	4.69	2.34	(1.02)	1.48	****	
ARONSON JOHNSON +/-			0.43	0.55	0.55	0.81	3.80	2.34	0.30	(2.01)	4.69	2.34	(1.02)	1.48	****	
TOTAL EMERGING MGRS	101.0	3.38%	4.38	11.33	1.67	11.57	35.50	-1.75	18.99	28.60	-37.38	2.99	26.69	2.69	****	5.56
RUSSELL 3000			4.23	10.39	4.01	9.49	32.37	1.03	16.93	28.34	-37.31	4.45	26.49	1.77	4.80	
+/-			0.15	0.94	(2.34)	2.08	3.13	(2.78)	2.06	0.26	(0.07)	(1.46)	0.21	0.92	****	
F.I.S FUND MGMT	26.8	0.90%	2.51	9.79	-1.02	9.17	37.20	-2.62	27.68	23.31	-38.82	-0.16	28.30	****	****	0.57
RUSSELL 2000			2.39	10.35	-1.09	9.63	37.41	-4.18	26.85	27.18	-33.80	-0.15	29.47	1.83	7.00	
+/-			0.12	(0.56)	0.07	(0.46)	(0.21)	1.55	0.83	(3.87)	(5.02)	(0.01)	(1.17)	****	****	
PROGRESS	74.1	2.48%	5.08	11.89	2.68	12.47	34.88	-1.43	16.04	30.50	-36.86	4.18	26.14	2.90	5.53	3.73
RUSSELL 3000			4.23	10.39	4.01	9.49	32.37	1.03	16.93	28.34	-37.31	4.45	26.49	1.77	4.80	
+/-			0.85	1.50	(1.32)	2.98	2.51	(2.45)	(0.89)	2.16	0.45	(0.27)	(0.34)	1.13	0.72	
NON - US EQUITY																
TOTAL DEVELOPED MARKETS	602.6	20.18%	5.90	11.04	-3.98	12.15	32.54	-10.35	17.92	39.95	-42.78	-1.33	25.04	1.56	8.25	7.77
MSCI EAFE (NET DIVIDEND)			5.74	10.32	-6.78	11.38	30.36	-12.14	7.75	31.78	-43.39	-7.45	19.73	-2.93	6.30	
+/-			0.16	0.72	2.80	0.77	2.18	1.79	10.17	8.17	0.61	6.12	5.31	4.49	1.95	
BAILLIE	332.0	11.12%	5.93	11.24	-4.10	13.19	34.48	-10.71	17.36	45.29	-44.75	-0.77	26.71	****	****	1.40
MSCI EAFE GROWTH			6.05	10.41	-5.76	11.86	31.65	-11.82	12.60	29.91	-42.46	-4.72	20.26	-0.92	****	
+/-			(0.12)	0.83	1.65	1.33	2.83	1.11	4.76	15.38	(2.29)	3.95	6.45	****	****	
SPRUCEGROVE	270.4	9.06%	5.86	10.81	-3.84	10.91	30.24	-9.92	18.56	34.34	-40.99	-2.01	23.24	-0.31	****	7.42
MSCI EAFE VALUE			5.48	10.36	-7.52	11.00	30.10	-11.65	3.81	35.06	-43.68	-9.29	20.33	-4.05	****	
+/-			0.38	0.44	3.68	(0.09)	0.14	1.73	14.75	(0.72)	2.69	7.28	2.91	3.74	****	
TOTAL EMERGING MARKETS	148.9	4.99%	5.70	13.48	-5.12	17.00	29.38	-18.03	19.85	71.67	-55.84	-0.45	30.89	4.82	16.27	10.04
MSCI EMERGING MARKETS FREE			6.01	16.64	-4.39	18.05	28.17	-18.17	19.20	79.02	-53.17	0.19	32.63	6.51	15.53	
+/-			(0.31)	(3.16)	(0.73)	(1.06)	1.21	0.14	0.65	(7.35)	(2.67)	(0.65)	(1.75)	(1.70)	0.73	
ACTIVE EMERGING MARKETS	119.5	4.00%	5.62	12.79	-5.13	16.76	29.39	-17.86	19.85	71.67	-55.84	19.72	30.89	4.82	****	13.30
STATE STREET	119.5	4.00%	5.62	12.79	-5.13	16.76	29.43	-17.86	19.87	71.83	-55.90	-0.38	30.96	4.88	****	4.88
MSCI EMERGING MARKETS FREE			6.01	16.64	-4.39	18.05	28.17	-18.17	19.20	79.02	-53.17	0.19	32.63	6.51	15.53	
ACTIVE EMERGING MARKETS +/-			(0.39)	(3.85)	(0.74)	(1.29)	1.22	0.32	0.65	(7.35)	(2.67)	19.53	(1.74)	(1.70)	****	
STATE STREET +/-			(0.39)	(3.85)	(0.74)	(1.29)	1.26	0.32	0.67	(7.19)	(2.73)	(0.57)	(1.68)	(1.63)	****	
PASSIVE EMERGING MARKETS	29.4	0.98%	6.00	16.37	-5.14	17.97	****	****	****	****	****	****	****	****	****	-6.24
BLACKROCK-EM	29.4	0.98%	6.00	16.37	-5.14	17.97	****	****	****	****	****	****	****	****	****	-6.24
MSCI EMERGING MARKETS FREE			6.01	16.64	-4.39	18.05	28.17	-18.17	19.20	79.02	-53.17	0.19	32.63	6.51	15.53	
PASSIVE EMERGING MARKETS +/-			(0.01)	(0.28)	(0.75)	(0.08)	****	****	****	****	****	****	****	****	****	
BLACKROCK-EM +/-			(0.01)	(0.28)	(0.75)	(0.08)	****	****	****	****	****	****	****	****	****	
TOTAL INTERNATIONAL EQUITY	751.5	25.17%	5.86	11.52	-4.21	13.08	31.98	-11.84	18.25	45.00	-45.54	-1.16	26.02	2.11	9.65	8.09
MSCI WORLD INDEX			4.94	10.22	-0.87	10.24	31.19	-5.02	12.34	30.80	-40.33	-1.14	23.34	-0.02	5.59	
+/-			0.92	1.30	(3.34)	2.84	0.79	(6.82)	5.91	14.20	(5.21)	(0.02)	2.68	2.13	4.06	

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Board of Education Retirement System
February 29, 2012

	Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/11	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
FIXED INCOME																
TOTAL STRUCTURED FIXED INCOME	535.6	17.94%	0.25	2.98	7.48	1.45	4.77	9.23	8.36	8.74	3.51	10.13	9.90	7.17	6.60	8.62
NYC - CORE PLUS FIVE			0.05	2.52	7.30	1.07	4.15	9.40	7.13	6.28	6.64	10.15	8.43	7.17	6.32	
+/-			0.20	0.46	0.17	0.38	0.62	(0.17)	1.23	2.46	(3.13)	(0.02)	1.47	(0.00)	0.28	
ALL MORTGAGE	235.4	7.88%	0.27	1.73	4.33	1.05	4.66	6.30	7.84	9.20	4.30	6.61	7.83	6.84	6.07	6.81
PIMCO-MORTGAGE	235.4	7.88%	0.27	1.73	4.33	1.05	4.66	6.30	7.84	9.20	4.30	6.61	7.83	6.84	6.07	7.75
CITIGROUP MORTGAGE INDEX			0.12	1.24	3.86	0.54	3.74	6.38	5.50	5.76	8.49	6.49	5.81	6.45	5.59	
ALL MORTGAGE +/-			0.15	0.49	0.47	0.51	0.92	(0.08)	2.34	3.44	(4.19)	0.12	2.02	0.39	0.48	
PIMCO-MORTGAGE +/-			0.15	0.49	0.47	0.51	0.92	(0.08)	2.34	3.44	(4.19)	0.12	2.02	0.39	0.48	
ALL INVESTMENT GRADE CREDIT	211.6	7.09%	0.84	5.13	7.83	2.79	6.34	8.34	9.02	22.61	-9.91	10.34	14.97	6.09	6.67	8.04
PRUDENTIAL - CREDIT	122.3	4.09%	0.75	5.05	7.96	2.82	5.71	8.00	8.72	****	****	10.27	****	****	****	9.43
TAPLIN, CANIDA -CREDIT	89.3	2.99%	0.95	5.23	7.64	2.76	7.24	8.83	9.43	22.42	-9.91	10.44	15.21	6.23	6.73	7.31
NYC - INVESTMENT GRADE CREDIT			0.79	4.90	7.43	2.83	5.94	7.80	8.36	16.36	-4.06	9.97	12.25	6.61	6.30	
ALL INVESTMENT GRADE CREDIT +/-			0.04	0.23	0.41	(0.04)	0.40	0.55	0.66	6.25	(5.85)	0.38	2.71	(0.51)	0.37	
PRUDENTIAL - CREDIT +/-			(0.04)	0.15	0.53	(0.01)	(0.23)	0.20	0.36	****	****	0.31	****	****	****	
TAPLIN, CANIDA -CREDIT +/-			0.16	0.33	0.21	(0.08)	1.30	1.04	1.07	6.06	(5.85)	0.47	2.96	(0.38)	0.44	
ALL TREASURY / AGENCY	88.6	2.97%	-1.17	1.34	14.18	-0.60	2.41	18.52	8.93	-6.64	18.77	18.18	8.45	8.95	7.43	8.45
STATE STREET	88.6	2.97%	-1.17	1.34	14.18	-0.60	2.41	18.52	8.93	-6.64	18.77	18.18	8.45	8.95	7.62	7.97
NYC - TREASURY AGENCY PLUS FIVE			-1.27	1.24	14.18	-0.68	2.44	18.44	9.24	-7.44	18.91	18.05	8.28	8.80	7.48	
ALL TREASURY / AGENCY +/-			0.10	0.10	(0.00)	0.08	(0.03)	0.08	(0.31)	0.80	(0.14)	0.13	0.17	0.16	(0.05)	
STATE STREET +/-			0.10	0.10	(0.00)	0.08	(0.03)	0.08	(0.31)	0.80	(0.14)	0.13	0.17	0.16	0.14	
HIGH YIELD																
TOTAL HIGH YIELD	174.3	5.84%	2.62	8.51	5.63	5.93	17.43	6.25	15.01	44.33	-21.04	7.92	21.36	8.15	9.16	5.88
CITIGROUP BB & B			2.09	7.47	6.44	4.74	14.60	6.58	13.35	40.37	-25.10	7.99	19.33	5.91	7.84	
+/-			0.53	1.04	(0.81)	1.19	2.83	(0.33)	1.66	3.96	4.06	(0.07)	2.02	2.24	1.32	
LOOMIS SAYLES & CO	91.6	3.07%	2.70	9.12	6.11	6.52	18.38	7.14	15.79	52.73	-23.85	9.11	24.97	8.82	10.54	7.67
NYC-LOOMIS (BofA ML-MST II 7-03/BB&B PRIOR)			2.28	7.86	4.70	5.25	15.40	4.38	15.19	57.51	-26.39	6.18	25.16	7.90	9.13	
+/-			0.42	1.26	1.41	1.27	2.98	2.76	0.60	(4.78)	2.54	2.93	(0.19)	0.91	1.41	
SEIX HIGH YIELD	82.7	2.77%	2.54	7.83	5.07	5.28	16.43	5.29	14.21	36.17	-18.05	6.62	17.75	7.46	****	7.63
CITIGROUP BB & B			2.09	7.47	6.44	4.74	14.60	6.58	13.35	40.37	-25.10	7.99	19.33	5.91	7.84	
+/-			0.45	0.36	(1.36)	0.54	1.83	(1.29)	0.86	(4.20)	7.05	(1.37)	(1.59)	1.55	****	
TIPS																
TOTAL ACTIVE TIPS MANAGERS	70.8	2.37%	-0.32	2.25	9.69	1.82	6.98	13.34	6.57	10.24	-0.70	14.53	11.29	8.01	****	6.40
PIMCO-TIPS-MTA	70.8	2.37%	-0.32	2.25	9.69	1.82	6.98	13.34	6.57	10.24	-0.70	14.53	11.29	8.01	****	6.40
BARCLAYS CAPITAL US TIPS INDEX			-0.33	1.99	9.42	1.96	7.74	13.56	6.37	11.41	-2.35	14.57	11.23	7.90	7.56	
TOTAL ACTIVE TIPS MANAGERS +/-			0.00	0.25	0.27	(0.14)	(0.76)	(0.22)	0.20	(1.17)	1.65	(0.04)	0.06	0.12	****	
PIMCO-TIPS-MTA +/-			0.00	0.25	0.27	(0.14)	(0.76)	(0.22)	0.20	(1.17)	1.65	(0.04)	0.06	0.12	****	

THE BANK OF NEW YORK MELLON
CITY OF NEW YORK
Manager / Benchmark Comparison Report *NYC Board of Education Retirement System
February 29, 2012

		Assets ($MM)	% of Total	Trailing 1 Month	Trailing 3 Months	Fiscal YTD	Calendar YTD	FY Ending 06/30/11	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
OTHER FIXED INCOME																	
TOTAL ETI		15.74	0.53%	0.02	1.49	5.01	0.66	3.97	7.10	5.80	7.02	5.53	7.13	6.39	6.27	****	6.66
BERS CUSTOM BENCHMARK (NO CASH)				-0.02	1.67	5.16	0.72	3.69	7.09	5.98	4.91	6.19	7.50	6.54	6.06	****	
	+/-			0.04	(0.17)	(0.15)	(0.06)	0.28	0.01	(0.18)	2.11	(0.66)	(0.37)	(0.15)	0.21	****	
AFL-CIO HOUSING INV TRUST		11.37	0.38%	-0.12	1.60	5.52	0.65	4.25	7.86	6.16	6.28	5.26	7.83	6.78	6.31	****	6.14
BARCLAYS CAPITAL AGGREGATE				-0.02	1.96	5.88	0.85	3.90	7.84	6.54	5.93	5.24	8.37	7.52	6.36	5.68	
	+/-			(0.09)	(0.37)	(0.36)	(0.20)	0.35	0.02	(0.38)	0.35	0.02	(0.54)	(0.74)	(0.05)	****	
ACCESS RBC		2.69	0.09%	0.43	1.49	4.78	0.73	3.56	6.78	5.72	10.99	6.67	6.99	6.70	6.97	****	6.97
ACCESS CUSTOM BENCHMARK				-0.12	1.04	4.03	0.36	3.39	6.32	5.52	2.89	9.67	6.53	5.14	6.20	****	
	+/-			0.55	0.45	0.75	0.37	0.17	0.46	0.20	8.10	(3.00)	0.47	1.56	0.77	****	
CFSB-PPAR		0.1	0.00%	0.15	0.85	1.93	0.64	9.32	3.29	12.80	9.82	5.50	3.12	8.28	7.59	****	7.30
CCD-PPAR		0.2	0.01%	0.53	1.47	3.74	1.10	8.53	5.59	11.58	12.48	6.69	5.80	9.70	8.70	****	8.54
LIIF-PPAR		0.1	0.00%	0.36	1.14	3.40	0.74	0.62	4.96	4.34	****	****	4.82	****	****	****	5.37
NCBCI-PPAR		0.1	0.00%	0.47	2.06	5.76	0.91	2.93	8.50	4.10	****	****	8.74	****	****	****	6.32
CPC REVOLVING		1.2	0.04%	0.20	0.63	1.49	0.42	2.09	2.09	2.06	2.20	4.81	2.17	2.13	3.54	****	3.54
CASH																	
TOTAL CASH		158.8	5.32%	0.02	0.15	0.33	0.08	0.43	0.59	0.41	1.25	3.52	0.61	0.70	2.12	****	2.77
ML 91 DAY TREASURY BILL INDEX				0.00	0.00	0.02	0.00	0.16	0.10	0.13	0.21	2.06	0.08	0.14	1.32	1.92	
	+/-			0.02	0.15	0.31	0.08	0.27	0.49	0.28	1.04	1.46	0.53	0.56	0.80	****	
PRIVATE EQUITY																	
TOTAL PRIVATE EQUITY		89.6	3.00%	0.00	-1.63	4.42	0.00	20.08	19.15	13.64	-9.95	-7.59	19.15	6.83	2.63	****	-1.57
RUSSELL 3000 PLUS 5%				4.93	12.22	8.62	10.69	37.37	6.03	21.93	33.34	-32.30	9.45	31.55	7.06	10.00	
	+/-			(4.93)	(13.86)	(4.20)	(10.69)	(17.29)	13.12	(8.29)	(43.29)	24.71	9.70	(24.72)	(4.43)	****	
PRIVATE REAL ESTATE																	
TOTAL PRIVATE REAL ESTATE		58.8	1.97%	0.99	2.99	7.26	2.99	****	9.43	****	****	****	12.70	****	****	****	10.05
NCREIF NFI-ODCE NET				0.00	2.71	6.11	0.00	19.58	14.97	15.26	-30.40	-10.70	14.97	-2.66	-1.11	****	
	+/-			0.99	0.28	1.15	2.99	****	(5.53)	****	****	****	(2.26)	****	****	****	
TOTAL BOARD OF EDUCATION		2,986.1		3.27	7.84	1.67	7.63	24.19	-0.42	14.95	25.74	-28.72	3.84	19.85	3.59	6.62	8.75
BOARD OF EDUCATION POLICY BENCHMARK				3.39	8.39	2.82	7.71	23.99	0.47	12.54	25.48	-29.07	4.04	20.99	3.12	6.26	
	+/-			(0.12)	(0.54)	(1.14)	(0.08)	0.20	(0.89)	2.41	0.26	0.35	(0.20)	(1.14)	0.47	0.36	

New York City Board of Education Retirement System

As of September 30, 2011 (Amounts in USD)

Vintage Year	Deal Name	First Drawdown	Capital Committed	Total Contribution	Recallable Distribution	Total Distribution	Market Value	Multiple	IRR
2005	Mesirow Financial Private Equity Partnership Fund III	6/20/2005	$ 57,000,000	$ 45,403,273	$ -	$ 1,351,092	$ 53,344,985	1.20x	5.4%
2006	Mesirow Financial Private Equity Partnership Fund IV	12/27/2006	25,000,000	13,717,233	-	128,759	14,227,511	1.05x	2.3%
	New York/Fairview Private Equity Fund	7/14/2006	19,000,000	11,029,500	-	938,995	10,740,844	1.06x	1.9%
2009	Mesirow Financial Private Equity Partnership Fund V	1/1/2009	45,000,000	6,764,326	-	233,886	6,741,740	1.03x	6.4%
Grand Total(s):			**$ 146,000,000**	**$ 76,914,332**	**$ -**	**$ 2,652,732**	**$ 85,055,080**	**1.14x**	**4.6%**

New York City Board of Education Retirement Systems

NYC Vintage Year	Fund Name	Style Sector	First Draw Down	Capital Committed	Contributions	Distributions	Market Value	Equity Multiple	Net IRR
2010	LaSalle U.S. Core Property Fund	core/core plus	12/13/2010	$ 27,600,000	$ 6,514,639	$ (83,680)	$ 6,830,586	1.06	13.94%
2010	Trumbull Property Fund (UBS - RESA)	core/core plus	4/1/2011	$ 41,400,000	$ 41,841,750	$ (441,750)	$ 44,288,144	1.07	14.48%
2010	Franklin Templeton	non core	4/11/2011	$ 30,000,000	$ 3,780,316	$ (396,959)	$ 3,230,394	0.96	-20.58%
New York City Board of Education Retirement Systems				$ 99,000,000	$ 52,136,706	$ (922,389)	$ 54,349,124	1.06	13.32%

Note: All data supplied as of September 30, 2011

BERS's commitment to Franklin Templeton is capped at 20% of the total fund size. Return is negative largely due to being early in its investment cycle.

Note that IRR calculations are annualized numbers and currently based on a limited return history.

II. Bank Loan Education:

High Yield Bank Loans
Prepared for New York City Board of Education Retirement System

THE CITY OF NEW YORK
OFFICE OF THE COMPTROLLER

April 20, 2012

High Yield Bank Loans (aka Leveraged Loans) Basic Characteristics

- Floating-rate loans to corporations (generally with ratings below BBB)
- Senior in the capital structure and secured by the assets of the borrower
- Bank Loans typically include financial covenants that protect the lender
- High Yield bond market contains many of the same corporate issuers as the Bank Loan market
- Size of the market, at its peak, was over $1.6 trillion in issuance, on par with the High Yield bond market; size is presently less than that, as some Bank Loan issuers have reissued in the High Yield (fixed rate) market

High Yield Bank Loans
Capital Structure Protection

- Bank loans are generally the senior-most debt of the issuer
- Secured by collateral and other protective features
- Default less frequently than high yield bonds; when they do default, they recover at a higher rate than bonds (70% for loans vs. 40% for bonds)

Liabilities and Equity

Loans	Senior, secured, fixed principal return, floating-rate interest	"Fixed Income"
Bonds	Unsecured or subordinated, fixed principal return, fixed-rate interest	
Equity	Lowest claim on assets, no fixed return, unlimited upside potential	

- Interest rates are variable or floating, defined as a spread over a base rate (usually LIBOR)
- Recent loan contracts have included a LIBOR floor, a minimum base rate that is above the actual LIBOR rate, which provides investors with a higher minimum return during abnormally-low interest rate periods (typical floors have been in the 1.5% to 1.75% range)

Bank Loans vs. High Yield: Risk and Return

Merrill Lynch High Yield Index

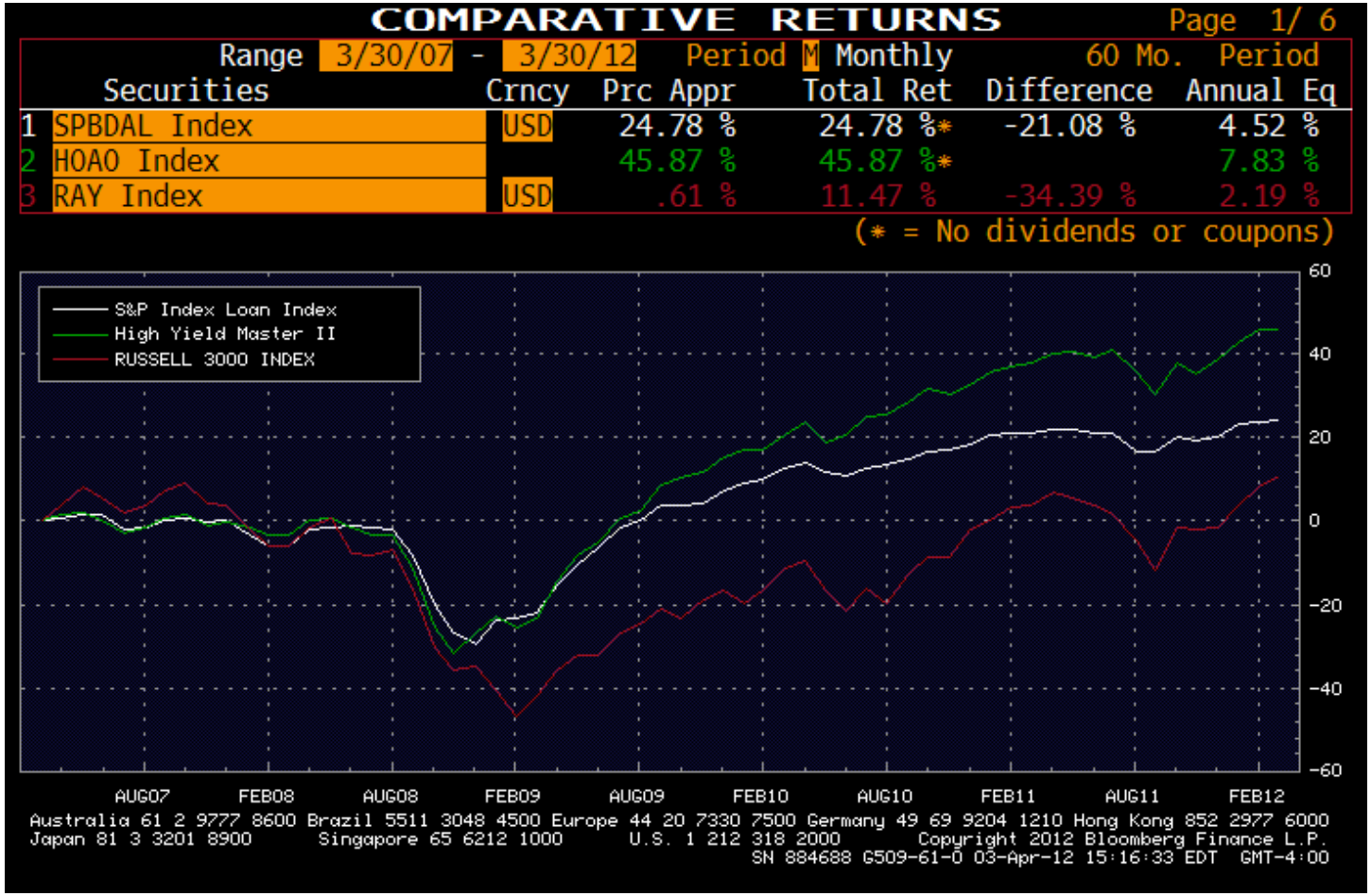
	Return	Standard Deviation
1yr	6.35%	8.13%
3yr	22.72%	9.64%
5yr	6.76%	12.29%
7yr	6.86%	10.57%
10yr	7.59%	9.83%

Credit Suisse Loan Index

	Return	Standard Deviation
1yr	2.91%	5.48%
3yr	15.53%	8.08%
5yr	3.42%	10.47%
7yr	4.23%	8.68%
10yr	4.77%	7.56%

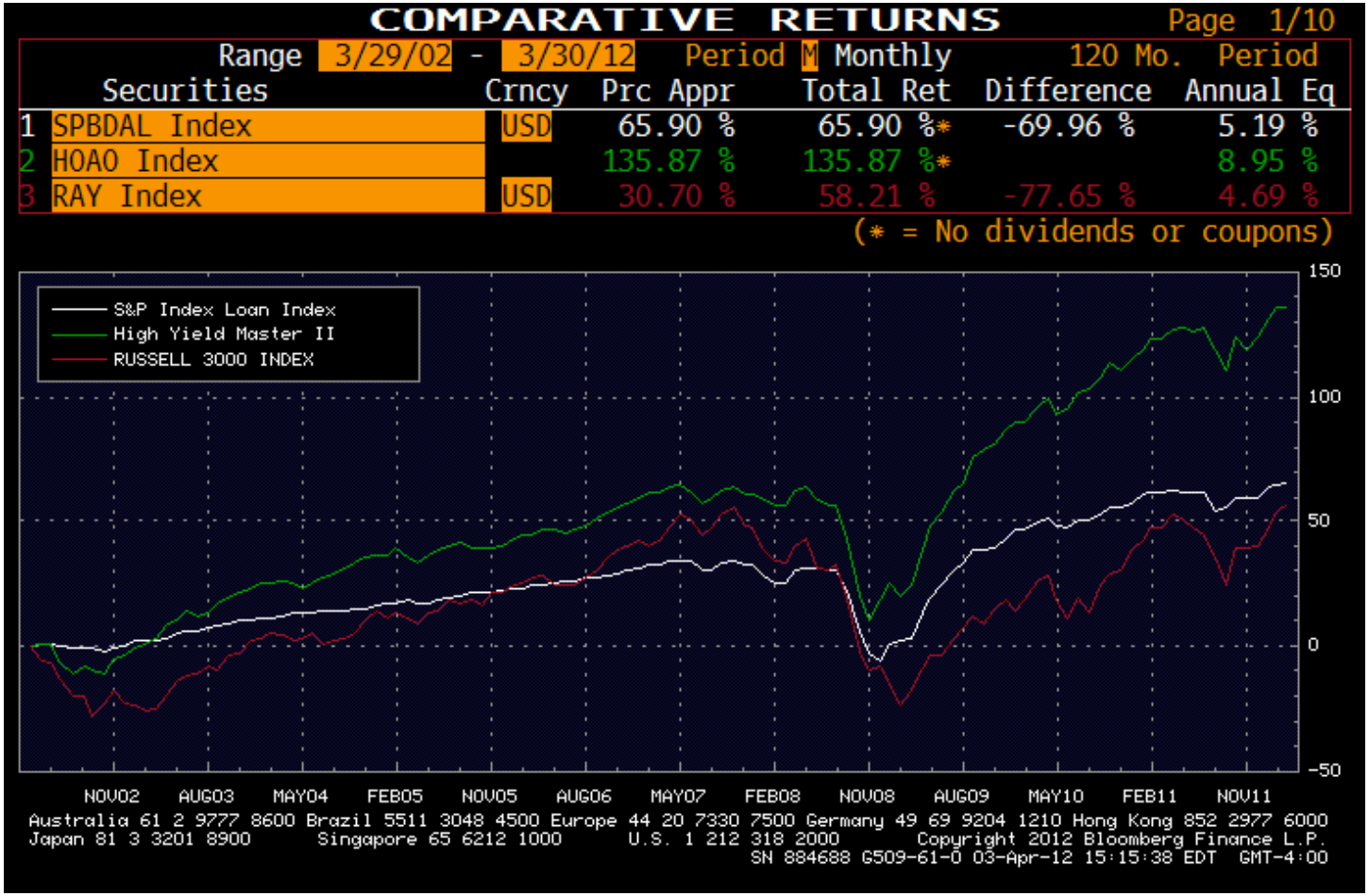
Source: Shenkman Capital; as of December 31, 2011

New York City Retirement Systems Comparative Returns, 5 Years



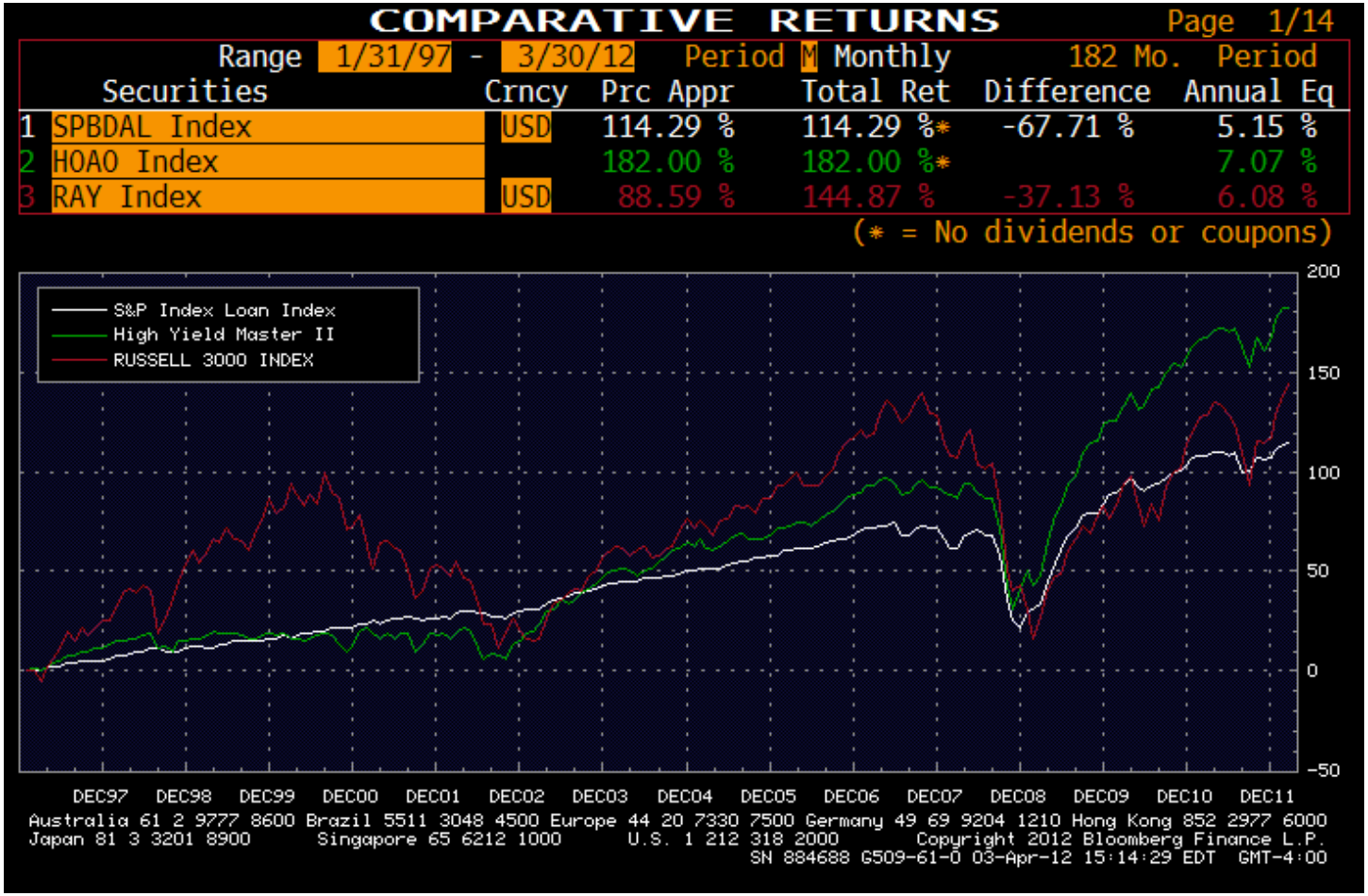
Source: Bloomberg

New York City Retirement Systems Comparative Returns, 10 Years



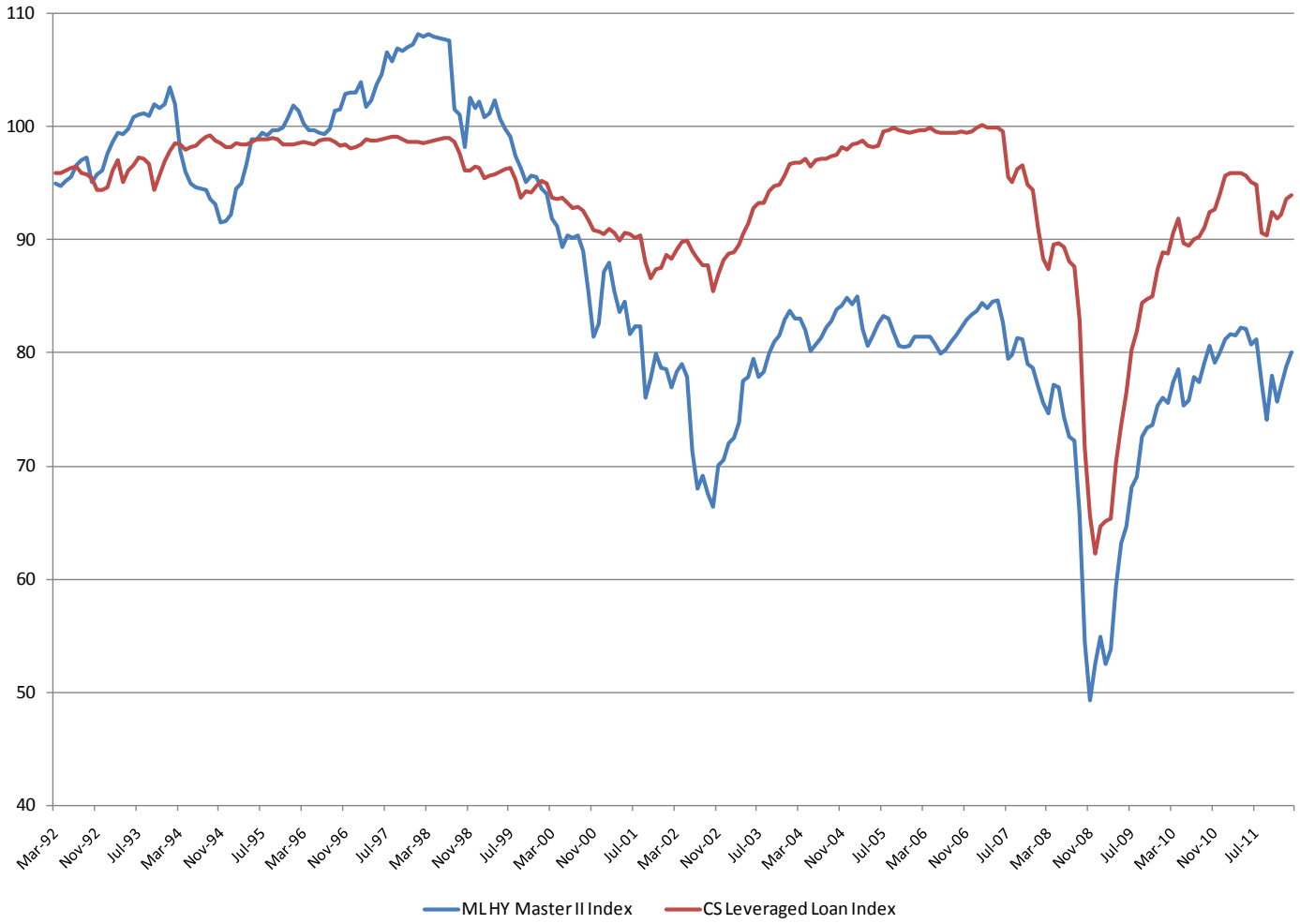
Source: Bloomberg

New York City Retirement Systems Comparative Returns, 15 Years



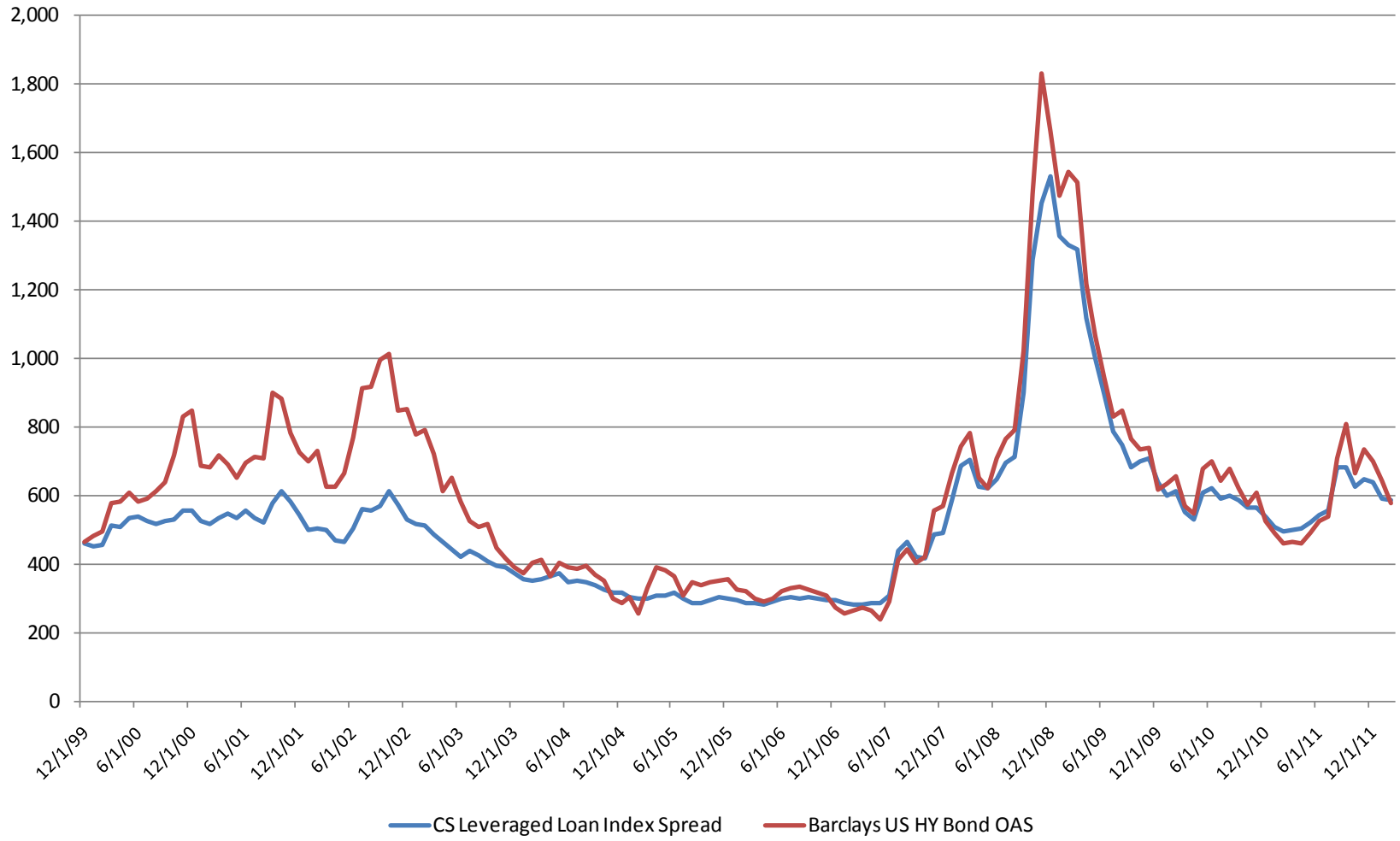
Source: Bloomberg

Bank Loans vs. High Yield: Prices



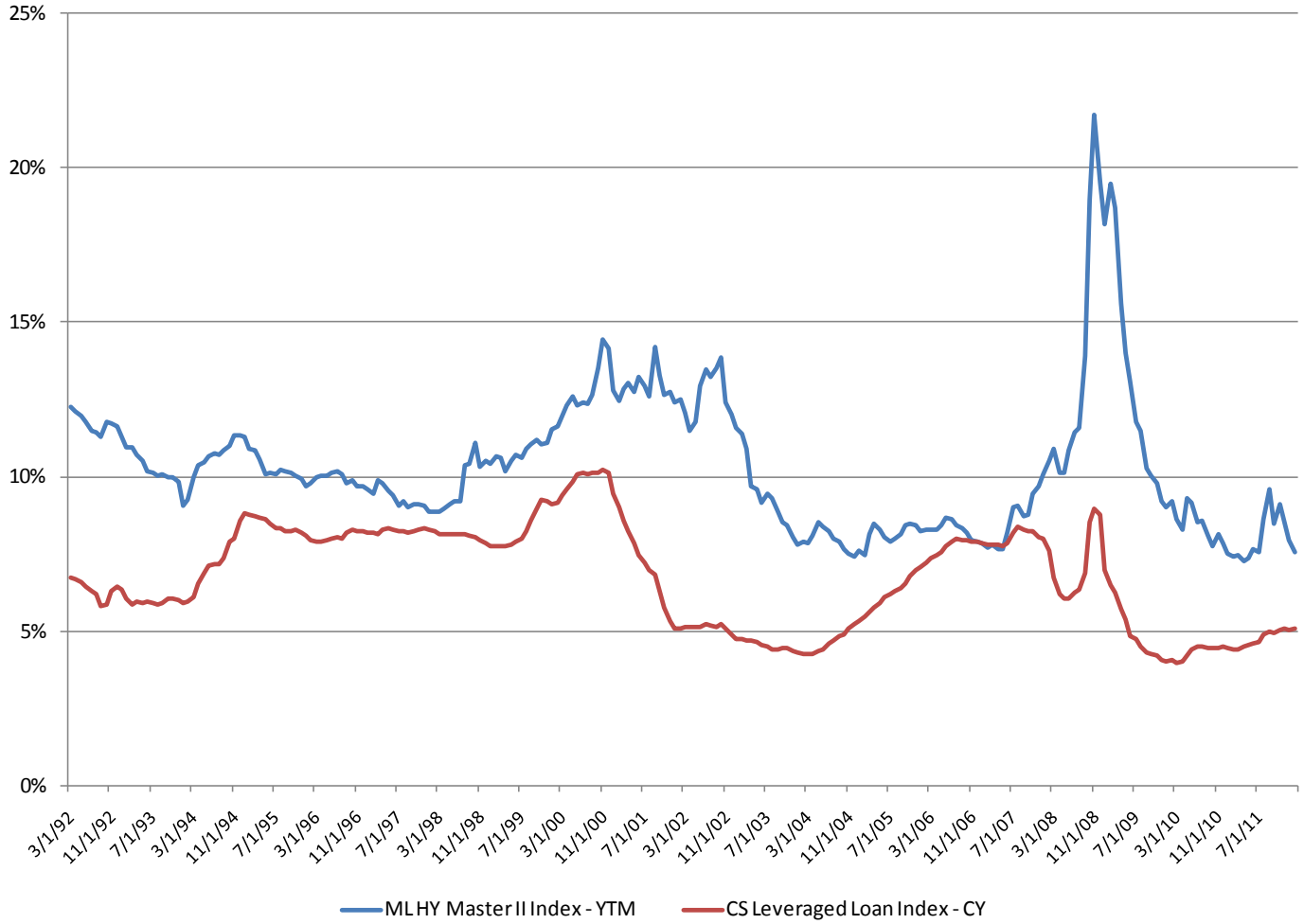
Source: Bloomberg; between 3/31/92 and 2/29/12

Bank Loans vs. High Yield: Spreads



Source: Prudential; between 12/31/99 and 2/29/12

Bank Loans vs. High Yield: Yield



Source: Taplin, Canida & Habacht, Bloomberg; between 3/31/92 and 2/29/12

Bank Loans
Current Exposure

- High Yield Managers
  - Most NYC High Yield managers are allowed to invest up to 10% in Bank Loans, but managers are generally reluctant to do so in most cases because Bank Loans are not in their benchmarks and will increase tracking error

- Opportunistic Fixed Income Managers
  - NYC Opportunistic Fixed Income managers are opportunistically investing in Bank Loans, but this too is dependent on market conditions and will result in variable weights over time

APPENDICES:

BASKET CLAUSE

BERS - BASKET/NON BASKET SUMMARY

As of February 29, 2012	Fund Policy			Fund Actual (PE & RE on an invested basis)		
Equity	**Non Basket***	**Basket***	**Total**	**Non Basket***	**Basket***	**Total**
Domestic Equity	35.00%	0.00%	35.00%	37.87%	0.00%	37.87%
Non-U.S. Equity	10.00%	15.00%	25.00%	10.00%	15.17%	25.17%
Private Equity	0.00%	5.00%	5.00%	0.00%	3.00%	3.00%
Real Estate	5.00%	0.00%	5.00%	1.97%	0.00%	1.97%
Total Equity	50.00%	20.00%	70.00%	49.84%	18.17%	68.01%
Fixed Income						
Core+5	22.00%	0.00%	22.00%	17.94%	0.00%	17.94%
U.S. Gov't Sector	*4.88%*	*0.00%*	*4.88%*	*2.97%*	*0.00%*	*2.97%*
Mortgage Sector	*9.15%*	*0.00%*	*9.15%*	*7.88%*	*0.00%*	*7.88%*
Credit Sector	*7.97%*	*0.00%*	*7.97%*	*7.09%*	*0.00%*	*7.09%*
High Yield	4.75%	0.25%	5.00%	5.41%	0.43%	5.84%
TIPS	2.75%	0.25%	3.00%	1.78%	0.59%	2.37%
Convertibles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Opportunistic	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Fixed Income	0.00%	0.00%	0.00%	5.85%	0.00%	5.85%
Total Fixed Income	29.50%	0.50%	30.00%	30.97%	1.02%	31.99%
Total Fund	79.50%	20.50%	100.00%	80.81%	19.19%	100.00%
Remaining Capacity		4.50%			5.81%	

* Note: Basket amounts are estimates