# Total Fund Performance Detail (Net)

	Market Value (\$)	% of Portfolio	Policy %	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Composite	496,078,824	100.0	100.0	0.7	3.1	7.5	11.9	4.2	8.4	5.6	6.8	Jan-86
Allocation Index				0.4	2.8	7.1	11.6	5.1	8.1	4.9	-	Jan-86
Policy Index				0.4	2.8	7.5	12.5	5.3	8.3	5.3		Jan-86
Total Balanced	71,191,123	14.4	14.0	0.2	2.3	7.2	11.3	1.4	5.0		4.2	Dec-10
PRIT Core Fund	3,330,465	0.7		1.0	3.7	8.6	12.8	5.9	9.3	4.7	6.6	Apr-99
Wellington Opportunistic Investment	24,457,125	4.9	5.0	0.9	4.5	10.5	16.7	3.9	7.2		8.7	Nov-08
65% MSCI ACWI (Net) / 35% BBgBarc Aggregate				0.3	3.3	8.2	11.8	4.1	7.7	4.3	8.7	Nov-08
PIMCO All Asset	25,332,724	5.1	5.0	0.2	1.9	7.0	10.8	1.5	4.2		8.6	Dec-08
PIMCO All Asset Index				-0.2	1.2	3.1	3.1	3.0	3.6	5.2	6.8	Dec-08
William Blair	18,070,809	3.6	4.0	-0.6	-0.1	2.9	4.8				-2.4	Mar-15
60% MSCI ACWI (Net) / 40% CITI WGBI				0.2	3.7	8.6	9.1	2.6	6.3	4.0	4.0	Mar-15
Total Domestic Equity	115,274,297	23.2	21.0	1.5	3.9	9.7	18.0	7.5	13.5	7.4	6.3	May-99
Large Cap	82,185,548	16.6	15.0	0.8	3.8	10.2	16.0	7.8	13.4		12.7	Dec-10
Rhumbline Advisors S&P 500 Index Fund	35,720,730	7.2	7.0	0.6	3.1	9.3	17.8	9.5	14.5	7.2	8.0	Apr-97
S&P 500				0.6	3.1	9.3	17.9	9.6	14.6	7.2	7.9	Apr-97
Coho Relative Value Equity	22,609,843	4.6	4.0	1.2	2.0	5.7	8.0				11.6	Mar-16
Russell 1000 Value				1.6	1.3	4.7	15.5	7.4	13.9	5.6	21.4	Mar-16
Polen Focused Growth	23,854,976	4.8	4.0	0.6	6.7	16.4	21.0				15.0	Feb-16
Russell 1000 Growth				-0.3	4.7	14.0	20.4	11.1	15.3	8.9	19.9	Feb-16
Small Cap	33,088,749	6.7	6.0	3.4	4.0	8.5	24.4	7.3	14.0		13.1	Dec-10
Robeco Boston Partners Small Cap Value	16,206,440	3.3	3.0	3.5	2.3	3.0	24.3	6.0	13.7	7.7	11.2	Feb-97
Russell 2000 Value				3.5	0.7	0.5	24.9	7.0	13.4	5.9	9.5	Feb-97
Loomis Sayles Small Cap Growth	16,882,309	3.4	3.0	3.3	5.7	14.3	23.9	8.4	14.2	9.3	5.7	Jan-97
Russell 2000 Growth				3.4	4.4	10.0	24.4	7.6	14.0	7.8	6.6	Jan-97



# Total Fund Performance Detail (Net)

	Market Value (\$)	% of Portfolio	Policy %	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Total Non-US Equity	89,460,006	18.0	19.0	0.6	7.4	17.0	21.2	0.8	7.7	0.0	4.4	Mar-99
International Equity	64,887,913	13.1	15.0	0.1	7.6	16.1	20.2	1.0	8.0		-	Sep-05
SEG Baxter Street	32,603,741	6.6	5.0	0.2	8.5	16.0	21.2				16.7	May-16
MSCI ACWI ex USA				0.3	5.8	14.1	20.5	0.8	7.2	1.1	14.1	May-16
Schroder International Alpha Fund	32,284,172	6.5	5.0	-0.1	6.7	16.2	19.3	2.1	8.1		6.1	Mar-12
MSCI EAFE				-0.2	6.1	13.8	20.3	1.1	8.7	1.0	6.5	Mar-12
Emerging Markets Equity	24,572,093	5.0	4.0	2.1	7.1	19.3	23.7	0.0			1.0	Nov-13
MSCI Emerging Markets				1.0	6.3	18.4	23.7	1.1	4.0	1.9	1.7	Nov-13
Lee Munder Emerging Market Equity	24,572,093	5.0	4.0	2.1	7.1	19.3	23.7	0.0			1.1	Dec-13
MSCI Emerging Markets				1.0	6.3	18.4	23.7	1.1	4.0	1.9	2.2	Dec-13
Total Fixed Income	115,460,036	23.3	21.0	0.2	1.6	3.6	4.2	2.1	4.5	6.2	6.9	Mar-99
Invesco Core Bonds	41,117,304	8.3	9.0	0.2	1.8	2.9	2.3	3.0	3.3	5.3	5.3	Dec-98
BBgBarc US Aggregate TR				-0.1	1.4	2.3	-0.3	2.5	2.2	4.5	4.9	Dec-98
Loomis Sayles - Multi Sector Bonds	46,769,387	9.4	8.0	1.0	2.5	5.8	8.7	2.1	5.7	6.8	8.3	Mar-99
BBgBarc US Aggregate TR				-0.1	1.4	2.3	-0.3	2.5	2.2	4.5	5.0	Mar-99
BBgBarc US High Yield TR				0.1	2.2	4.9	12.7	4.5	6.9	7.7	7.1	Mar-99
Invesco Mortgage Fund	398,841	0.1		0.0	0.0	0.0	-7.3	11.2	9.5		16.7	Apr-10
BBgBarc US Aggregate TR				-0.1	1.4	2.3	-0.3	2.5	2.2	4.5	3.6	Apr-10
Rhumbline TIPS	27,174,504	5.5	4.0	-1.0	-0.4	0.9	-0.6				0.9	Jun-16
BBgBarc US TIPS TR				-0.9	-0.4	0.9	-0.6	0.6	0.3	4.3	1.3	Jun-16



# Total Fund Performance Detail (Net)

	Market Value (\$)	% of Portfolio	Policy %	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Total Hedge Fund	23,625,515	4.8	9.0	0.1	1.2	2.7	7.4	0.3	4.6	2.1	3.2	Oct-06
PRIM Absolute Return Fund	13,038,322	2.6	5.0	0.1	1.3	3.6	9.3	2.3	5.9	2.7	3.8	Oct-06
EnTrust	10,587,193	2.1	2.0	0.1	1.1	1.8	4.1	-3.0	2.1		2.2	Jan-12
HFRI Fund of Funds Composite Index				-0.2	0.6	3.0	6.3	1.5	3.8	0.9	3.7	Jan-12
Other	10,454,334	2.1	0.0	-0.1	0.7	0.5	0.5	0.3	0.2		0.2	Dec-10
Cash Account	10,454,334	2.1		-0.1	0.7	0.5	0.5	0.3	0.2	0.7	1.9	Feb-00
91 Day T-Bills				0.1	0.2	0.4	0.5	0.2	0.2	0.4	1.6	Feb-00
Total Real Estate	34,605,457	7.0	7.0	1.2	1.6	3.4	8.7	10.9	12.9	5.6	7.9	Apr-99
PRIT Core Real Estate (\$10.9m commitment in '10)	16,759,971	3.4		1.4	2.2	4.3	6.3	9.7	10.9		11.9	Jul-10
Morgan Stanley Prime Property (\$2.8m commitment in '95)	8,086,494	1.6		2.2	2.2	4.2	9.1	12.5	13.1	5.6	8.8	Sep-95
Intercontinental Real Estate Investment Fund IV (\$2m commitment in '05)	37,573	0.0		-0.4	-0.4	-2.4	-2.7	6.7	6.0	-3.8	-5.6	Jun-05
Invesco Mortgage Recovery II (\$3M commitment in '15)	1,096,470	0.2		0.0	0.0	2.8	15.9				11.4	Oct-15
Landmark VI (\$2m commitment in '11)	512,886	0.1		0.0	0.0	-0.4	-1.0	5.2	11.5		12.0	Jul-11
Mesirow MFire Global (\$2m commitment in '11)	1,224,446	0.2		0.0	0.0	0.0	6.9	8.6	9.3		4.2	May-12
Cerberus (\$1.5m commitment in '12)	1,253,410	0.3		0.0	0.0	1.3	6.5	13.2			16.1	May-13
TA Realty Fund X LP (\$3.5m commitment in '12)	2,909,380	0.6		0.0	0.0	2.8	-0.5	8.3			8.6	May-13
TerraCap Partners III, LP (\$2.6m commitment in '15)	2,724,827	0.5		0.0	0.0	8.0	34.1				18.6	Jul-15
NCREIF Property Index 1 Qtr Lag				1.6	1.6	3.3	7.3	10.6	10.7	6.7	9.5	Jul-15



# Total Fund Performance Detail (Net)

	Market Value (\$)	% of Portfolio	Policy %	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Total Private Equity	36,008,057	7.3	9.0	1.0	1.1	2.1	6.5	12.7	13.8	11.5	8.9	Apr-99
PRIM Vintage Year 2008 (\$3m commitment in '08)	1,765,760	0.4		9.7	10.0	17.9	28.7	19.0	21.0		6.5	Jun-08
PRIM Vintage Year 2009 (\$1m commitment in '09)	254,498	0.1		4.7	4.6	6.6	16.2	19.7	20.4		4.1	Nov-09
PRIM Vintage Year 2010 (\$1m commitment in '10)	791,762	0.2		4.7	5.1	8.8	16.6	17.0	18.5		5.6	Jun-10
PRIM Vintage Year 2011 (\$1.5m commitment in '11)	1,379,441	0.3		5.9	6.1	14.7	23.8	23.7	16.9		-1.3	May-11
PRIM Vintage Year 2012 (\$1m commitment in '12)	623,044	0.1		6.7	9.2	13.0	21.3	11.6	5.4		-29.5	Jun-12
PRIM Vintage Year 2014 (\$2m commitment in '14)	943,526	0.2		5.6	5.6	10.9	17.8	-7.8			-14.3	Jun-14
Alcentra European DLF (\$5m commitment in '14)	3,774,090	0.8		0.0	0.0	1.9	4.7				7.9	Jan-15
Ascent Fund II (\$0.8m commitment in '99)	213,121	0.0		0.0	0.0	-0.1	-0.6	52.4	38.5	24.6	19.4	Jan-99
Ascent Fund IV (\$2m commitment in '04)	276,313	0.1		0.0	0.0	4.9	26.1	-41.8	-25.1	-15.3	-12.8	Jul-04
Ascent Fund IV-B (\$1m commitment in '16)	1,581,721	0.3		0.0	0.0	2.0	3.5				3.5	Jul-16
Ascent Fund V (\$2m commitment in '08)	1,870,563	0.4		0.0	0.0	1.2	4.2	4.4	13.5		7.7	Oct-08
Ascent VI (\$3m commitment in '15)	1,333,980	0.3		0.0	0.0	2.5	9.3				-6.0	Dec-15
Boston Capital (\$0.8m commitment in '99)	16,290	0.0		0.0	0.0	0.0	0.0	-2.7	-7.1	7.0	7.9	Apr-99
Castile Ventures III, L.P. (\$3m commitment in '07)	751,600	0.2		0.0	0.0	-8.7	-21.7	-16.6	-14.3		-11.8	Jan-08
Invesco Fund IV (\$3m commitment in '03)	905,776	0.2		0.0	0.0	0.0	-0.6	4.9	10.4	12.2	9.8	Feb-04
Invesco Fund VI (\$5m commitment in '13)	4,961,319	1.0		0.0	0.0	0.0	7.6	12.8			12.3	Jul-13
Kayne Energy Fund VII (\$5m commitment in '15)	2,808,820	0.6		0.0	0.0	-2.7	32.4				18.8	Jan-16
Foundry 2007 (\$3m commitment in '07)	1,917,736	0.4		0.0	0.0	-1.9	-9.2	23.5	21.1		29.7	Dec-07
Foundry 2010 (\$3m commitment in '10)	3,131,131	0.6		0.0	0.0	-0.3	-6.2	-0.4	8.0		6.6	Jan-11
Foundry 2010 Annex (\$0.4m commitment in '15)	247,984	0.0		0.0	0.0	1.2	-8.3				-6.4	Sep-15
Pinebridge PEP V (\$6m commitment in '07)	2,029,187	0.4		0.0	0.0	3.5	0.8	11.9	12.9		6.0	Mar-08
Landmark XV (\$3m commitment in '13)	1,079,227	0.2		0.0	0.0	-0.8	8.1	5.8			13.1	Nov-13
JFL Equity Investors IV, L.P. (\$6m commitment in '16)	2,098,304	0.4		0.0	0.0	-2.1					-2.1	Jan-17
Private Advisors Small Co. Coinvestment Fund, LP (\$4m commitment in '17)	1,252,864	0.3		0.0	0.0						2.7	Feb-17
NASDAQ W/O Income				-0.9	3.9	14.1	26.8	11.7	15.9	9.0	9.4	Feb-17



#### Notes

- 1 Results for periods longer than one year are annualized.
- 2 Total Balanced, Large Cap, Small Cap, and Other Composite performance starts 12/1/2010.
- 3 Market values for Real Estate managers are as of 03/31/2017 and are adjusted for cash flows except for Invesco Mortgage Recovery II and Mesirow Mfire Global which are valued as of 12/31/2016; Intercontinental, Morgan Stanley Prime Property, and PRIM accounts are valued as of 06/30/2017.
- 4 Preliminary Total Composite gross of fee since inception return is 8.6% for the current month.
- 5 Market values for the all private equity managers Private Equity managers are as of 03/31/2017 and are adjusted for cash flows except for Boston Capital as of 09/30/2016 adjusted for cash flows. PRIM accounts are valued as of 06/30/2017.

### Information Disclaimer and Reporting Methodology

#### **Information Disclaimer**

- Past performance is no guarantee of future results.
- All investments carry some level of risk. Diversification and other asset allocation techniques are not guaranteed to
  ensure profit or protect against losses.
- NEPC's source for portfolio pricing, calculation of accruals, and transaction information is the plan's custodian bank.
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#### **Reporting Methodology**

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

