### MWRA Employees' Retirement System

## Total Fund Performance Detail (Net) - Preliminary

January 31, 2016

	Market Value (\$)	% of Portfolio	Policy %	1 Mo (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Composite	433,396,446	100.0	100.0	-2.9	-6.9	-1.9	5.1	6.0	5.6		Jan-86
Allocation Index				-3.2	-5.0	-2.5	4.9	5.6	4.7		Jan-86
Policy Index				-3.5	-5.6	-2.8	4.7	5.7	5.0		Jan-86
Total Balanced	66,887,451	15.4	16.0	-2.5	-9.5	-8.0	-0.9	1.3		2.0	Dec-10
PRIT Core Fund	2,849,209	0.7									
60% S&P 500 / 40% BC Agg											
Wellington Opportunistic Investment	24,733,952	5.7	6.0	-4.7	-9.1	-5.0	1.2	0.6		7.4	Nov-08
65% MSCI ACWI (Net) / 35% BC Agg				-3.4	-6.2	-4.3	3.4	4.3	4.3	7.9	Nov-08
PIMCO All Asset	22,370,145	5.2	6.0	-1.4	-9.9	-10.5	-3.3	1.5		7.2	Dec-08
PIMCO All Asset Index				0.3	-0.4	-1.0	1.8	4.0	5.1	6.9	Dec-08
William Blair	16,934,145	3.9	4.0	-1.2	-10.9					-11.6	Mar-15
60% MSCI ACWI (Net)/40% CITI WGBI				-3.1	-5.6	-4.6	1.7	2.9	3.9	-7.3	Mar-15
Total Domestic Equity	87,388,247	20.2	20.0	-6.2	-9.1	-2.9	10.1	10.1	6.8	5.4	May-99
Large Cap	62,089,966	14.3	14.0	-5.5	-5.8	-1.3	11.3	10.7		12.0	Dec-10
Rhumbline Advisors S&P 500 Index Fund	23,177,111	5.3	6.0	-5.0	-4.8	-0.8	11.1	10.8	6.5	7.2	Apr-97
S&P 500				-5.0	-4.8	-0.7	11.3	10.9	6.5	7.1	Apr-97
MFS Large Cap Value	19,514,975	4.5	4.0	-4.2	-6.3	-1.3	10.4	9.9	6.6	6.8	Apr-01
Russell 1000 Value				-5.2	-8.2	-5.0	8.8	9.6	5.2	6.0	Apr-01
Polen Focused Growth	19,397,880	4.5	4.0								
Russell 1000 Growth											
Small Cap	25,298,281	5.8	6.0	-7.8	-15.9	-6.5	7.3	8.7		10.2	Dec-10
Robeco Boston Partners Small Cap Value	12,709,363	2.9	3.0	-6.9	-15.7	-9.6	4.8	7.3	5.8	10.2	Feb-97
Russell 2000 Value				-6.7	-14.3	-9.9	4.5	6.2	4.0	8.2	Feb-97
Loomis Sayles Small Cap Growth	12,588,918	2.9	3.0	-8.7	-16.0	-3.4	9.8	10.0	8.1	4.5	Jan-97
Russell 2000 Growth				-10.8	-19.1	-10.0	7.7	8.3	5.7	5.4	Jan-97
Total International Equity	64,292,355	14.8	17.0	-6.5	-16.6	-13.4	-1.5	-1.4	-0.1	3.2	Mar-99
Schroder International Alpha Fund	24,614,376	5.7	6.0	-5.5	-10.4	-6.2	1.0			3.1	Mar-12
MSCI EAFE				-7.2	-12.8	-8.4	0.7	1.6	1.7	3.2	Mar-12
The Boston Company	21,592,308	5.0	6.0	-7.9	-18.2	-11.5	-1.8	-2.2	0.1	1.3	Sep-05
MSCI EAFE				-7.2	-12.8	-8.4	0.7	1.6	1.7	3.0	Sep-05

Intech liquidated 1/27/2016, with balance being moved into Polen Focused Growth 2/1/2016



# Total Fund Performance Detail (Net) - Preliminary

January 31, 2016

Emerging Markets Equity   18,085,671   4.2   5.0   4.0   -2.5   -2.3  1.1   Nov-1		Market Value (\$)	% of Portfolio	Policy %	1 Mo (%)	Fiscal YTD	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Lee Munder Emerging Market Equity   18,085,671   4.2   5.0   5.0   5.0   5.25   5.29   5.0   5.6   1.8   5.15   5.0	Emerging Markets Equity		42	5.0	. ,	. ,		. ,	` '			Nov-13
MSCI Emerging Markets	. ,	. , ,										
Total National Nati		10,000,011	1.2	0.0								
Invesco Core Bonds		96.861.687	22.3	22.0								
Barclays Aggregate												
Loomis Sayles - Multi Sector Bonds   50,655,623   11.7   12.0   -1.8   -6.4   -6.9   0.5   4.2   6.4   7.9   Mar-99     Barclays Aggregate   1.4   2.0   -0.2   2.1   3.5   4.7   5.2   Mar-99     Invesco Mortgage Fund   1,396,804   0.3   0.0   14.5   2.0   0.2   21.7   13.3   -   22.8   Apr-10     Barclays Aggregate   1,396,804   0.3   0.0   14.5   2.0   0.2   21.7   13.3   -   22.8   Apr-10     Barclays Aggregate   1,4   2.0   0.2   2.1   3.5   4.7   3.8   Apr-10     Total Hedge Fund   38,358,976   8.9   9.0   -1.7   7.1   5.6   2.4   2.8   -   2.9   Oct-06     PRIM Absolute Return Fund   17,694,300   4.1   5.0     Pall M Absolute Return Fund   17,694,300   4.1   5.0     Pall M Absolute Return Fund   17,694,300   4.1   5.0     Pall M Absolute Return Fund Funds Composite Index   -   -   4.0   Oct-11     HFRI Fund of Funds Composite Index   -   -   4.0   Oct-11     EnTrust   10,179,547   2.3   2.0   -3.3   -1.0   -1.0   -0.2   -   -   1.7   3.0   Oct-11     EnTrust   10,179,547   2.3   2.0   -3.3   -1.0   -1.0   -0.2   -   -   1.7   3.3   Jan-12     Other   3,576,267   0.8   0.0   0.0   0.0   0.1   0.2   0.1   1.3   2.0   Feb-00     Gash Account   3,576,267   0.8   0.0   0.0   0.0   0.1   0.2   0.1   1.3   2.0   Feb-00     PRIT Core Real Estate   16,451,388   3.8     -   -   -   -   -   0.0   Oct-15     Intercontinental Real Estate Investment Fund IV   43,202   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   Oct-15     Landmark VI (\$2m commitment in '15)   1,488,886   0.3   0.0   0.5   5   2.1   -   -   -   -   0.0   Oct-15     Landmark VI (\$2m commitment in '11)   979,072   0.2   0.0   0.3   3.7   1.0   -   -   -   -   -   -   -   1.0   May-13     Really Associates Fund X LP (\$3.5m commitment in '12)   1,780,404   0.4   0.0   0.5   5   2.1   -   -   -   -   -   -   -   -   -		,,						2.1				
Barclays Aggregate	, , , ,	50,655,623	11.7	12.0	-1.8			0.5		6.4		Mar-99
Barclays High Yield   1,396,804   0.3   0.0   14.5   2.20   21.7   13.3     22.8   Apr-10   Barclays Aggregate     1.4   2.0   -2.0   2.1   3.5   4.7   3.8   Apr-10   Total Hedge Fund   38,358,976   8.9   9.0   -1.7   -7.1   -5.6   2.4   2.8     2.9   Oct-06     PRIM Absolute Return Fund   17,694,300   4.1   5.0       4.0   Oct-11     High High High High High High High High	•	·			1.4	2.0	-0.2	2.1	3.5	4.7	5.2	Mar-99
Barclays Aggregate					-1.6	-8.3	-6.6	0.7	4.2	6.6	6.3	<i>Mar-</i> 99
Total Hedge Fund   17,694,300   4.1   5.0   5.	Invesco Mortgage Fund	1,396,804	0.3		0.0	14.5	22.0	21.7	13.3		22.8	Apr-10
PRIM Absolute Return Fund 17,694,300 4.1 5.0 91 Day 7-Bill + 3% HFRI Fund of Funds Composite Index  Permal Fixed Income Holdings 10,485,129 2.4 2.0 -2.9 -7.6 -6.8 1.4 4.0 Oct-11 HFRI Fund of Funds Composite Index 10,179,547 2.3 2.0 -3.0 -5.8 -3.3 2.2 1.5 1.7 3.0 Oct-11 EnTrust 10,179,547 2.3 2.0 -3.3 -11.0 -10.0 -0.2 1.9 Jan-12 HFRI Fund of Funds Composite Index 1.9 Jan-12 Other 3,576,267 0.8 0.0 0.0 0.0 0.1 0.2 0.1 0.1 Dec-10 Cash Account 3,576,267 0.8 0.0 0.0 0.0 0.1 0.2 0.1 1.3 2.0 Feb-00 91 Day 7-Bills 0.0 0.1 0.1 0.0 0.0 1.1 1.2 0.1 1.7 Feb-00 Total Real Estate 36,022,183 8.3 7.0 0.0 5.5 11.1 12.8 13.1 6.3 7.7 Ap-99 PRIT Core Real Estate 16,451,388 3.8 Morgan Stanley Prime Property 7,104,881 1.6 0.0 6.8 14.6 15.3 14.8 7.0 8.8 Sep-95 Intercontinental Real Estate Investment Fund IV 43,202 0.0 0.0 -3.0 21.9 16.9 11.6 -3.8 -5.1 Jun-05 Invesco Mortgage Recovery II (\$3M commitment in '15) 1,865,239 0.4 0.0 0.0 -3.0 21.9 16.9 11.6 -3.8 -5.1 Jun-05 Landmark VI (\$2m commitment in '11) 979,072 0.2 0.0 4.3 9.8 14.8 16.1 Jul-11 Mesirow MFire Global (\$2m commitment in '11) 1,498,886 0.3 0.0 2.4 7.0 12.8 21.2 May-12 Cerberus (\$1.5m commitment in '12) 3,650,151 0.8 0.0 3.7 11.0 21.2 May-13 TerraCap Partners III (Institutional), LP 2,648,961 0.6 0.0 3.8 3.8 Jul-15 TerraCap Partners III (Institutional), LP	Barclays Aggregate				1.4	2.0	-0.2	2.1	3.5	4.7	3.8	Apr-10
91 Day T-Bill + 3% HFRI Fund of Funds Composite Index  Permal Fixed Income Holdings 10,485,129 2,4 2,0 2,9 3,0 5,8 3,3 2,2 1,5 1,7 3,0 0,0 1,1 1,17,18,147 2,3 2,0 3,0 3,0 1,1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	Total Hedge Fund	38,358,976	8.9	9.0	-1.7	-7.1	-5.6	2.4	2.8		2.9	Oct-06
Permal Fixed Income Holdings   10,485,129   2.4   2.0   -2.9   -7.6   -6.8   1.4   -   -   4.0   Oct-11     HFRI Fund of Funds Composite Index   10,179,547   2.3   2.0   -3.3   -1.10   -1.00   -0.2   -   -   1.9   Jan-12     HFRI Fund of Funds Composite Index   -3.0   -5.8   -3.3   2.2   1.5   1.7   3.0   Oct-11     EnTrust   10,179,547   2.3   2.0   -3.3   -1.10   -1.00   -0.2   -   -   1.9   Jan-12     HFRI Fund of Funds Composite Index   -3.0   -5.8   -3.3   2.2   1.5   1.7   3.3   Jan-12     Other   3,576,267   0.8   0.0   0.0   0.0   0.1   0.2   0.1   -   0.1   Dec-10     Cash Account   3,576,267   0.8   0.0   0.0   0.0   0.1   0.2   0.1   1.3   2.0   Feb-00     91 Day T-Bills   -   0.0   0.0   0.1   0.1   0.0   0.0   0.1   1.7   Feb-00     Total Real Estate   16,451,388   3.8   Morgan Stanley Prime Property   7,104,881   1.6   0.0   6.8   14.6   15.3   14.8   7.0   8.8   Sep-95     Intercontinental Real Estate Investment Fund IV   43,202   0.0   0.0   0.0   0.0   0.1   0.9   11.6   -3.8   -5.1   Jun-05     Invesco Mortgage Recovery II (\$3M commitment in '15)   1,865,239   0.4   0.0   -3.0   21.9   16.9   11.6   -3.8   -5.1   Jun-05     Landmark VI (\$2m commitment in '11)   979,072   0.2   0.0   4.3   9.8   14.8   -   -   0.0   0.0   0.15     Landmark VI (\$2m commitment in '11)   1,498,886   0.3   0.0   2.4   7.0   12.8   -   -   0.0   0.0   0.15     Realty Associates Fund X LP (\$3.5m commitment in '12)   1,780,404   0.4   0.0   9.5   22.1   -   -   -   -   -   21.2   May-13     Realty Associates Fund X LP (\$3.5m commitment in '12)   3,660,151   0.8   0.0   3.7   11.0   -   -   -   -   -   10.1   May-13     TerraCap Partners III (Institutional), LP   2,648,961   0.6   0.0   3.8   -   -   -   -   -   -   10.1   May-13     TerraCap Partners III (Institutional), LP   2,648,961   0.6   0.0   3.8   -   -   -   -   -   -   3.8   Jul-15     Other   -3.0	PRIM Absolute Return Fund	17,694,300	4.1	5.0								
HFRI Fund of Funds Composite Index   10,179,547   2.3   2.0   3.3   -11.0   -10.0   -0.2       1.9   Jan-12   1.5   HFRI Fund of Funds Composite Index   -3.0   -5.8   -3.3   -11.0   -10.0   -0.2       1.9   Jan-12   1.5   HFRI Fund of Funds Composite Index   -3.0   -5.8   -3.3   2.2   1.5   1.7   3.3   Jan-12   1.5   Jan-12   Jan	•											
EnTrust	Permal Fixed Income Holdings	10,485,129	2.4	2.0	-2.9	-7.6	-6.8	1.4	-		4.0	Oct-11
AFRIFund of Funds Composite Index   3,576,267   0.8   0.0   0.0   0.0   0.0   0.1   0.2   0.1   0.1   0.2   0.1   0.2   0.1   0.2   0.1   0.2   0.1   0.2   0.1   0.2	HFRI Fund of Funds Composite Index				-3.0	-5.8	-3.3	2.2	1.5	1.7	3.0	Oct-11
Other         3,576,267         0.8         0.0         0.0         0.0         0.1         0.2         0.1          0.1         Dec-10           Cash Account         3,576,267         0.8         0.0         0.0         0.1         0.2         0.1         1.3         2.0         Feb-00           91 Day T-Bills         0.0         0.1         0.1         0.0         0.0         1.1         1.7         Feb-00           Total Real Estate         36,022,183         8.3         7.0         0.0         5.5         11.1         12.8         13.1         6.3         7.7         Apr-99           PRIT Core Real Estate         16,451,388         3.8         8         8         8         8         8         9         9         9         9         9         1.1         1.7         Feb-00         9         1.1         1.2         1.7         Apr-99         9         1.1         1.7         Apr-99         9         1.1         1.0         1.0         1.0         1.0<	EnTrust	10,179,547	2.3	2.0	-3.3	-11.0	-10.0	-0.2			1.9	Jan-12
Cash Account       3,576,267       0.8       0.0       0.0       0.1       0.2       0.1       1.3       2.0       Feb-00         91 Day T-Bills         Total Real Estate       36,022,183       8.3       7.0       0.0       5.5       11.1       12.8       13.1       6.3       7.7       Apr-99         PRIT Core Real Estate       16,451,388       3.8       3.8       Total Real Estate Investment Fund IV       43,202       0.0       0.0       6.8       14.6       15.3       14.8       7.0       8.8       Sep-95         Intercontinental Real Estate Investment Fund IV       43,202       0.0       0.0       -3.0       21.9       16.9       11.6       -3.8       -5.1       Jun-05         Invesco Mortgage Recovery II (\$3M commitment in '15)       1,865,239       0.4       0.0            0.0       Oct-15         Landmark VI (\$2m commitment in '11)       979,072       0.2       0.0       4.3       9.8       14.8         16.1       Jul-11         Mesirow MFire Global (\$2m commitment in '11)       1,498,886       0.3       0.0       2.4       7.0       12.8         2.1	HFRI Fund of Funds Composite Index				-3.0	-5.8	-3.3	2.2	1.5	1.7	3.3	Jan-12
91 Day T-Bills  Total Real Estate  36,022,183  8.3  7.0  0.0  5.5  11.1  12.8  13.1  6.3  7.7  Apr-99  PRIT Core Real Estate  16,451,388  Morgan Stanley Prime Property  17,104,881  1.6  0.0  6.8  14.6  15.3  14.8  7.0  8.8  Sep-95  Intercontinental Real Estate Investment Fund IV  43,202  0.0  0.0  -3.0  21.9  16.9  11.6  -3.8  -5.1  Jun-05  Invesco Mortgage Recovery II (\$3M commitment in '15)  1,865,239  0.4  0.0      0.0  Oct-15  Landmark VI (\$2m commitment in '11)  979,072  0.2  0.0  4.3  9.8  14.8    16.1  Jul-11  Mesirow MFire Global (\$2m commitment in '11)  1,498,886  0.3  0.0  2.4  7.0  12.8   2.1  May-12  Cerberus (\$1.5m commitment in '12)  1,780,404  0.4  0.0  3.7  11.0    3.8  Jul-15	Other	3,576,267	0.8	0.0	0.0	0.0	0.1	0.2	0.1		0.1	Dec-10
Total Real Estate         36,022,183         8.3         7.0         0.0         5.5         11.1         12.8         13.1         6.3         7.7         Apr-99           PRIT Core Real Estate         16,451,388         3.8 <td< td=""><td>Cash Account</td><td>3,576,267</td><td>0.8</td><td></td><td></td><td></td><td>0.1</td><td></td><td></td><td></td><td></td><td></td></td<>	Cash Account	3,576,267	0.8				0.1					
PRIT Core Real Estate					0.0		0.1	0.0	0.0		1.7	Feb-00
Morgan Stanley Prime Property         7,104,881         1.6         0.0         6.8         14.6         15.3         14.8         7.0         8.8         Sep-95           Intercontinental Real Estate Investment Fund IV         43,202         0.0         0.0         -3.0         21.9         16.9         11.6         -3.8         -5.1         Jun-05           Invesco Mortgage Recovery II (\$3M commitment in '15)         1,865,239         0.4         0.0             0.0         Oct-15           Landmark VI (\$2m commitment in '11)         979,072         0.2         0.0         4.3         9.8         14.8           16.1         Jul-11           Mesirow MFire Global (\$2m commitment in '11)         1,498,886         0.3         0.0         2.4         7.0         12.8           2.1         May-12           Cerberus (\$1.5m commitment in '12)         1,780,404         0.4         0.0         9.5         22.1            21.2         May-13           Realty Associates Fund X LP (\$3.5m commitment in '12)         3,650,151         0.8         0.0         3.7         11.0 <td>Total Real Estate</td> <td></td> <td></td> <td>7.0</td> <td>0.0</td> <td>5.5</td> <td>11.1</td> <td>12.8</td> <td>13.1</td> <td>6.3</td> <td>7.7</td> <td>Apr-99</td>	Total Real Estate			7.0	0.0	5.5	11.1	12.8	13.1	6.3	7.7	Apr-99
Intercontinental Real Estate Investment Fund IV												
Invesco Mortgage Recovery II (\$3M commitment in '15)  Landmark VI (\$2m commitment in '11)  Mesirow MFire Global (\$2m commitment in '11)  Cerberus (\$1.5m commitment in '12)  Realty Associates Fund X LP (\$3.5m commitment in '12)  TerraCap Partners III (Institutional), LP  1,865,239  0.4  0.0  0.0  1,865,239  0.4  0.0  0.0  1,865,239  0.2  0.0  1,865,239  0.2  0.0  1,865,239  0.2  0.0  1,865,239  0.2  0.0  1,865,239  0.2  0.0  1,865,239  0.2  0.0  1,865,239  0.2  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  0.0  1,865,239  1,865,239  1,865,239  1,965,236  1,965,236  1,966,236  1,96	· · · · · · · · · · · · · · · · · · ·											-
Landmark VI (\$2m commitment in '11) 979,072 0.2 0.0 4.3 9.8 14.8 16.1 Jul-11 Mesirow MFire Global (\$2m commitment in '11) 1,498,886 0.3 0.0 2.4 7.0 12.8 2.1 May-12 Cerberus (\$1.5m commitment in '12) 1,780,404 0.4 0.0 9.5 22.1 21.2 May-13 Realty Associates Fund X LP (\$3.5m commitment in '12) 3,650,151 0.8 0.0 3.7 11.0 10.1 May-13 TerraCap Partners III (Institutional), LP 2,648,961 0.6 0.0 3.8 3.8 Jul-15		·				-3.0	21.9	16.9	11.6	-3.8		
Mesirow MFire Global (\$2m commitment in '11)       1,498,886       0.3       0.0       2.4       7.0       12.8         2.1       May-12         Cerberus (\$1.5m commitment in '12)       1,780,404       0.4       0.0       9.5       22.1          21.2       May-13         Realty Associates Fund X LP (\$3.5m commitment in '12)       3,650,151       0.8       0.0       3.7       11.0          10.1       May-13         TerraCap Partners III (Institutional), LP       2,648,961       0.6       0.0       3.8           3.8       Jul-15	, ,								-			
Cerberus (\$1.5m commitment in '12)       1,780,404       0.4       0.0       9.5       22.1          21.2       May-13         Realty Associates Fund X LP (\$3.5m commitment in '12)       3,650,151       0.8       0.0       3.7       11.0          10.1       May-13         TerraCap Partners III (Institutional), LP       2,648,961       0.6       0.0       3.8           3.8       Jul-15	·	·							-			
Realty Associates Fund X LP (\$3.5m commitment in '12)       3,650,151       0.8       0.0       3.7       11.0          10.1       May-13         TerraCap Partners III (Institutional), LP       2,648,961       0.6       0.0       3.8           3.8       Jul-15	· · · · · · · · · · · · · · · · · · ·							12.8	-			
TerraCap Partners III (Institutional), LP 2,648,961 0.6 0.0 3.8 3.8 Jul-15	,								-		21.2	-
		· · ·					11.0	-	-			
NCREIF Property Index 1 Qtr Lag 0.0 6.3 13.5 11.9 12.5 8.0 6.3 Jul-15	. ,	2,648,961	0.6									
	NCREIF Property Index 1 Qtr Lag				0.0	6.3	13.5	11.9	12.5	8.0	6.3	Jul-15



## Total Fund Performance Detail (Net) - Preliminary

January 31, 2016

	Market Value (\$)	% of Portfolio	Policy %	1 Mo (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Total Private Equity	40,009,279	9.2	9.0	0.0	1.5	41.0	24.4	19.2	13.5	10.2	Apr-99
PRIM Vintage Year 2008 (\$3m commitment in '08)	1,878,313	0.4									
PRIM Vintage Year 2009 (\$1m commitment in '09)	306,797	0.1									
PRIM Vintage Year 2010 (\$1m commitment in '10)	769,086	0.2									
PRIM Vintage Year 2011 (\$1.5m commitment in '11)	1,109,222	0.3									
PRIM Vintage Year 2012 (\$1m commitment in '12)	476,256	0.1									
PRIM Vintage Year 2014 (\$2m commitment in '14)	450,571	0.1									
Alcentra European DLF (\$5m commitment in '14)	4,658,010	1.1		0.0	2.2	11.6		-		10.6	Jan-15
Ascent Fund II	86,084	0.0		0.0	-0.8	23.5	27.7	16.6	15.5	14.9	Jan-99
Ascent Fund IV (\$2m commitment in '04)	776,317	0.2		0.0	-3.0	-40.7	-14.1	-14.4	-6.8	-6.2	Jul-04
Ascent Fund V (\$2m commitment in '08)	2,185,913	0.5		0.0	-6.3	-6.8	3.6	10.6		6.4	Oct-08
Ascent VI (\$3m commitment in '15)	240,000	0.1									
Boston Capital	16,733	0.0		0.0	0.0	-5.4	-9.0	-0.1	16.6	8.7	Apr-99
Castile Ventures III, L.P. (\$3m commitment in '07)	1,072,599	0.2		0.0	-1.4	-17.8	-14.3	-9.0		-10.2	Jan-08
Invesco Fund IV (\$3m commitment in '03)	1,407,667	0.3		0.0	-3.7	-1.5	14.1	13.3	14.5	10.6	Feb-04
Invesco Fund VI (\$5m commitment in '13)	3,953,746	0.9		0.0	1.7	11.1				16.2	Jul-13
Kayne Energy Fund VII (\$5m commitment in '15)	442,210	0.1									
Foundry 2007 (\$3m commitment in '07)	12,201,943	2.8		0.0	-2.2	209.4	79.7	49.5		50.6	Dec-07
Foundry 2010 (\$3m commitment in '10)	3,619,136	0.8		0.0	0.9	4.5	13.8	12.1		12.1	Jan-11
Foundry 2010 Annex	188,520	0.0		0.0				-		-0.3	Sep-15
Pinebridge PEP V (\$6m commitment in '07)	3,270,025	0.8		0.0	15.4	36.1	22.4	16.0		7.4	Mar-08
Landmark XV (\$3m commitment in '13)	900,132	0.2		0.0	2.7	18.9				19.1	Nov-13

#### 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 Fiscal YTD begins July 1st.
- 4 Preliminary Total Composite gross of fee since inception return is 8.4% for the month of current month.
- 5 Market values for Real Estate, with the exception of PRIT Core Real Estate, are as of 9/30/2015 adjusted for cash flows. PRIT Core Real Estate's market values are as of 12/31/2015.
- 6 Market values for Private Equity managers, with the exception of PRIM Vintage Year accounts, are as of 9/30/2015 adjusted for cash flows. PRIM Vintage Year accounts market values are as of 12/31/15.



### 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.
   Information on market indices and security characteristics is received from other sources external to NEPC. While NEPC has exercised reasonable professional care in preparing this report, we cannot guarantee the accuracy of all source information contained within.
- Some index returns displayed in this report or used in calculation of a policy, allocation or custom benchmark may be preliminary and subject to change.
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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.

