



D A L L A S
POLICE & FIRE
PENSION SYSTEM



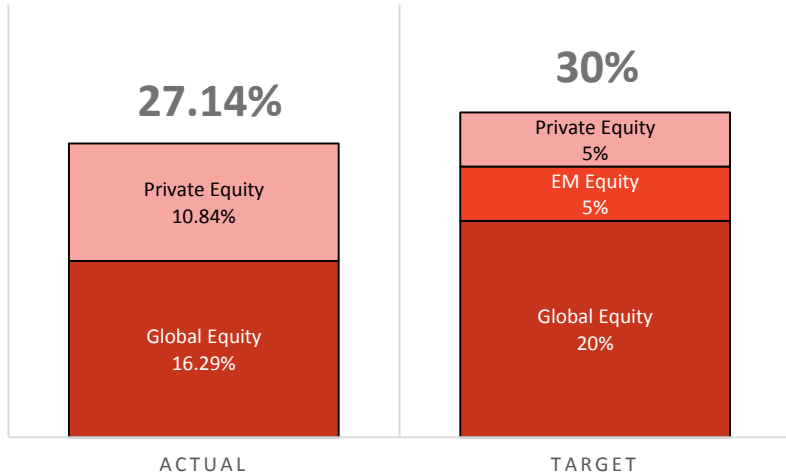
September 30, 2017
Board Monthly Investment Reports

Asset Allocation vs. Target

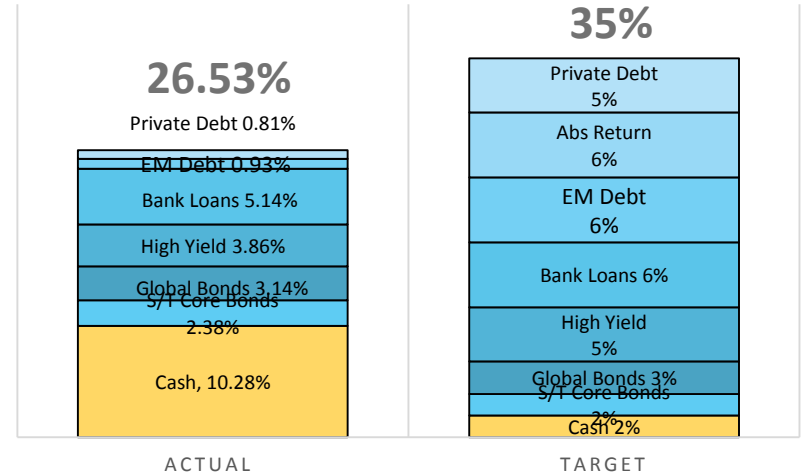
September 30, 2017

	Actual		Target	Target Range		
	\$ (M)	%	\$ (M)	Low	%	High
EQUITY						
Global Equity	343.70	16.29%	421.91	10%	20%	23%
Emerging Market Equity	-	0.00%	105.48	0%	5%	8%
Private Equity	228.74	10.84%	105.48	4%	5%	15%
TOTAL EQUITY	572.44	27.14%	632.86	20%	30%	40%
FIXED INCOME						
Short Term Core Bonds	50.17	2.38%	42.19	0%	2%	5%
Global Bonds	66.19	3.14%	63.29	0%	3%	6%
High Yield	81.43	3.86%	105.48	2%	5%	8%
Bank Loans	108.42	5.14%	126.57	3%	6%	9%
Emerging Market Debt	19.55	0.93%	126.57	0%	6%	9%
Absolute Return & Structured Credit	-	0.00%	126.57	0%	6%	9%
Private Debt	17.10	0.81%	105.48	2%	5%	7%
TOTAL FIXED INCOME	342.86	16.25%	696.14	15%	33%	38%
GLOBAL ASSET ALLOCATION (GAA)						
Risk Parity	81.13	3.85%	105.48	2%	5%	8%
GTAA	22.84	1.08%	63.29	0%	3%	6%
Absolute Return	35.37	1.68%	42.19	0%	2%	5%
TOTAL GAA	139.34	6.61%	210.95	5%	10%	15%
REAL ASSETS						
Liquid Real Assets	-	0.00%	63.29	0%	3%	6%
Natural Resources	238.90	11.32%	105.48	3%	5%	10%
Infrastructure	60.54	2.87%	105.48	3%	5%	10%
Real Estate	538.57	25.53%	253.14	10%	12%	25%
TOTAL REAL ASSETS	838.01	39.73%	527.38	20%	25%	45%
CASH	216.88	10.28%	42.19	0%	2%	5%
GROSS INVESTMENT ASSETS	2,109.53	100%				
DPFP DEBT	-		-	0%	0%	15%
NET ASSET VALUE	2,109.53					

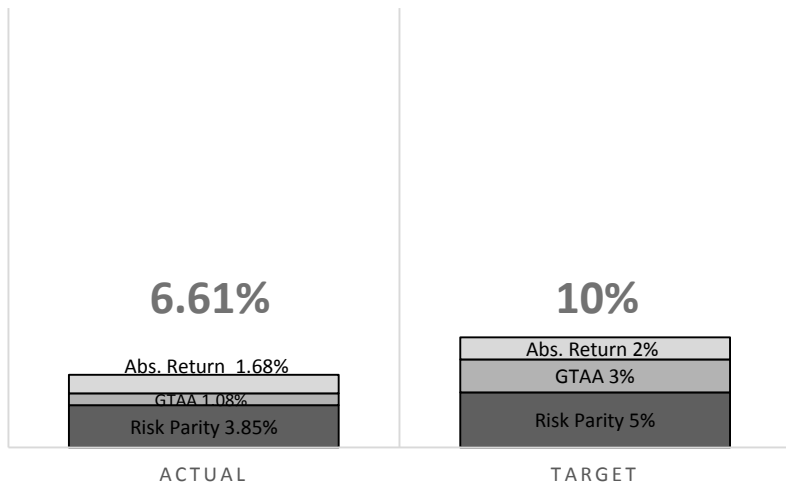
EQUITY



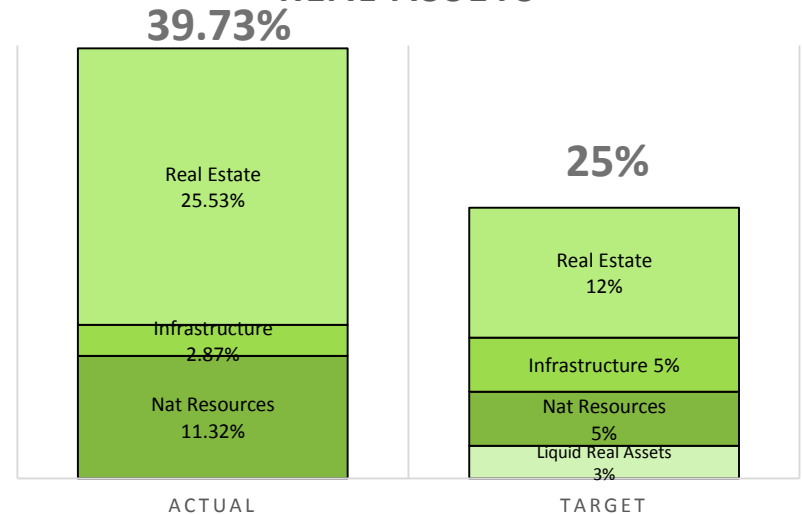
FIXED INCOME & CASH



GLOBAL ASSET ALLOCATION

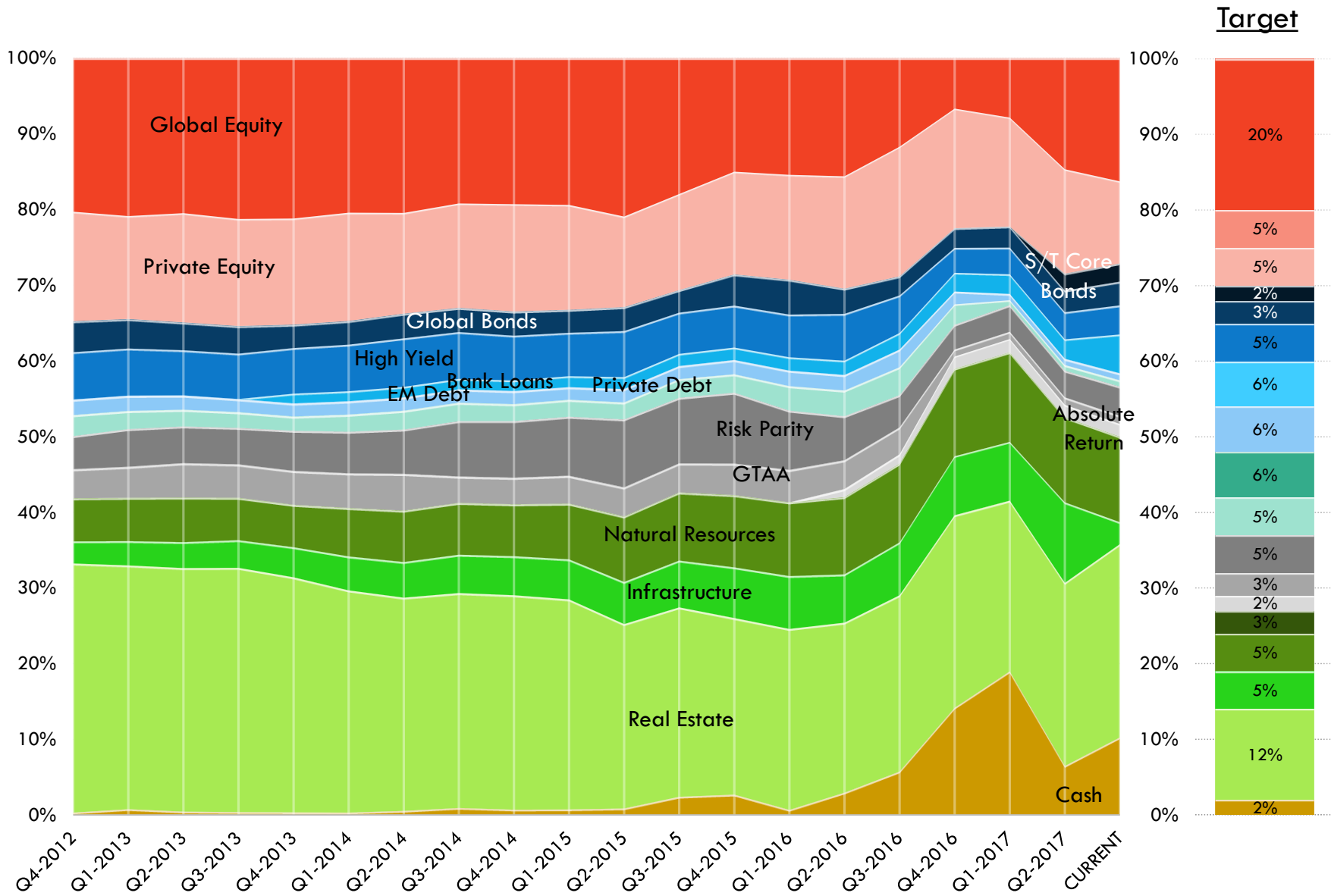


REAL ASSETS



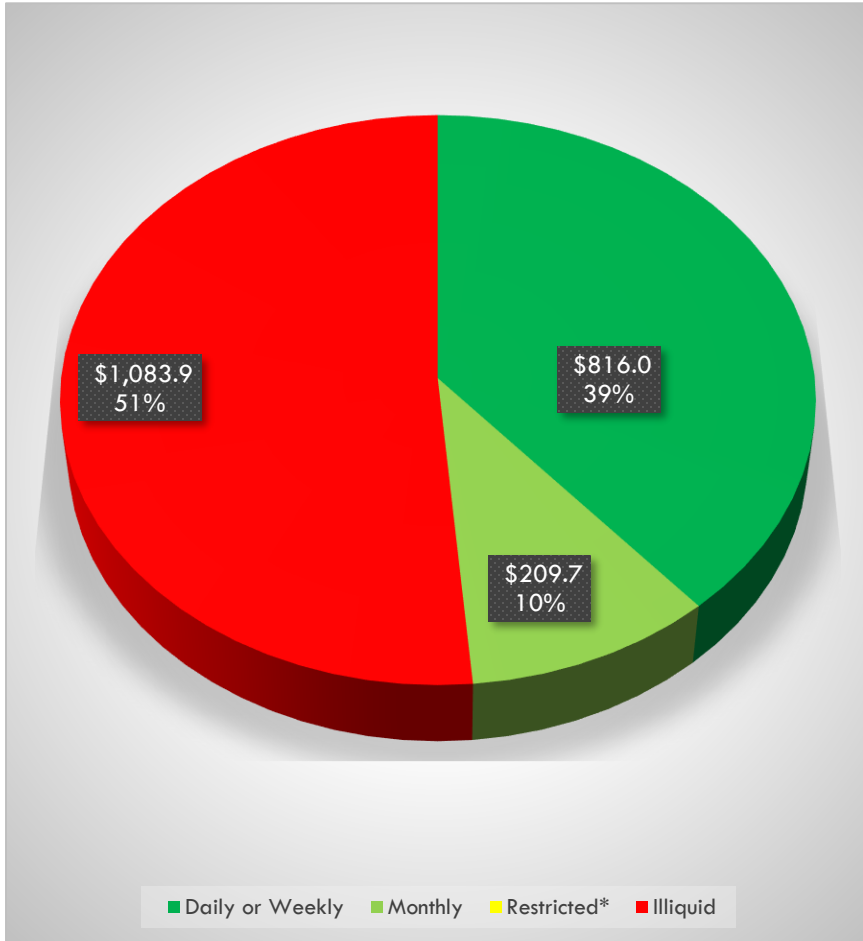
Asset Allocation History (Quarterly)

September 30, 2017

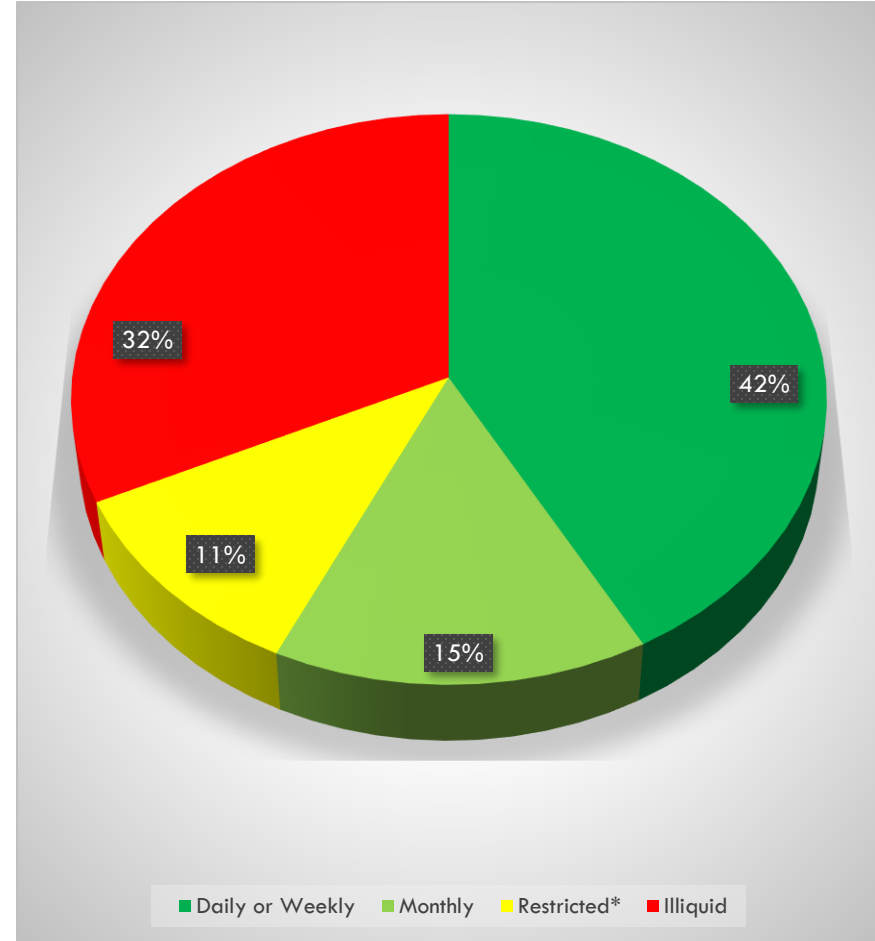


In Millions

ACTUAL – GROSS INVESTMENT ASSETS



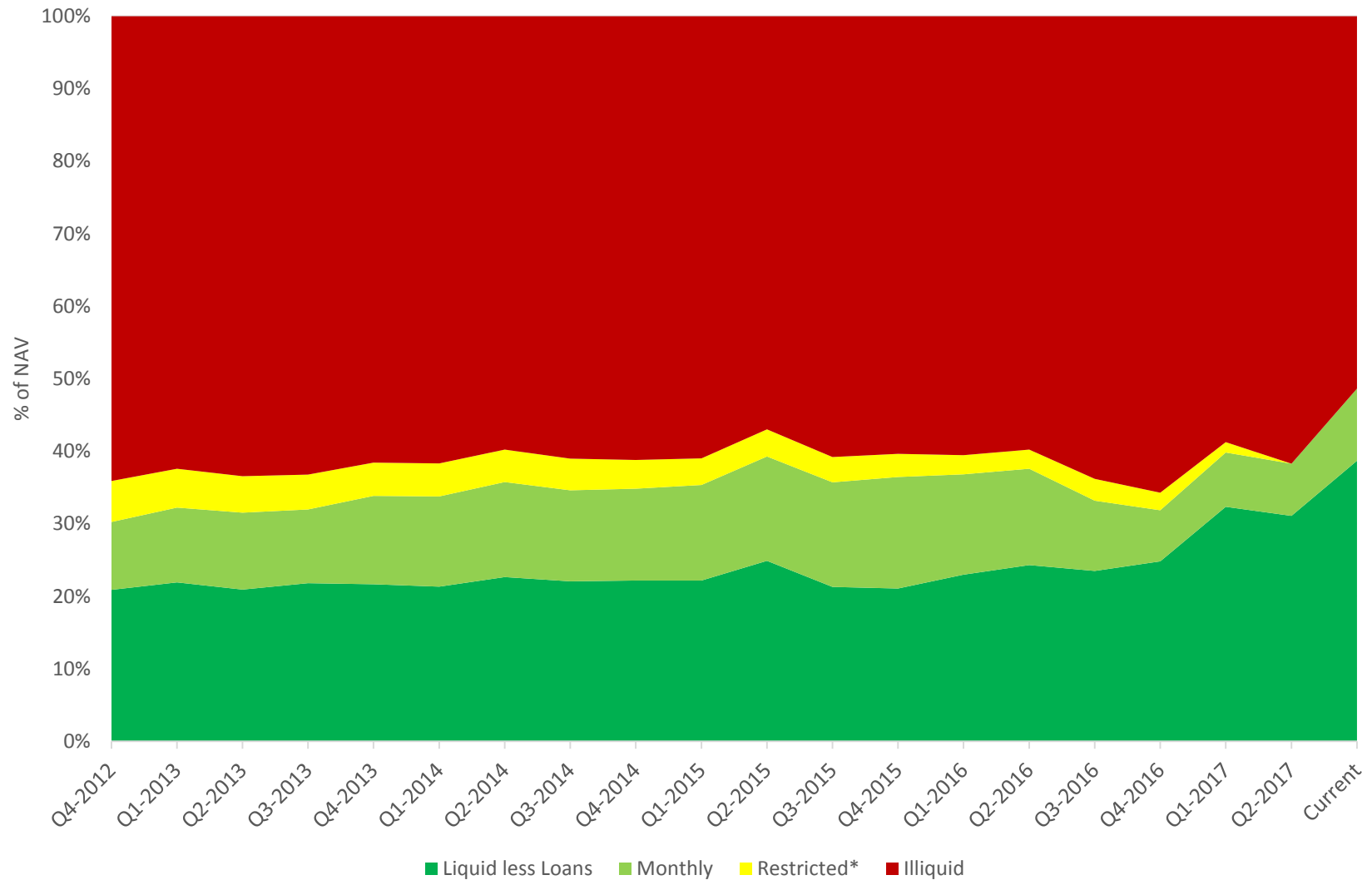
BASED ON TARGET ASSET ALLOCATION



* - Assets can be redeemed between monthly and annual basis often with gating, lock-ups or notice of more than 30 days required.

Liquidity History- As Percentage (Quarterly)

September 30, 2017



* - Assets can be redeemed between monthly and annual basis often with gating, lock-ups or notice of more than 30 days required.

Unfunded Capital Commitments

September 30, 2017

Fund	Vintage	Asset Class	Total Commitment	Unfunded Capital
JPM AIRRO	2008	Infra	37,000,000	1,150,000
JPM AIRRO II ¹	2013	Infra	40,000,000	32,563,999
JPM Maritime	2009	Infra	50,000,000	1,365,941
Huff Energy Fund	2006	PE	100,000,000	119,979
Industry Ventures	2016	PE	5,000,000	3,450,000
Lone Star Growth Capital	2006	PE	16,000,000	16,000,000
Lone Star Opportunities Fund V	2012	PE	75,000,000	18,750,000
Yellowstone Energy Ventures II	2008	PE	5,283,254	170,947
Riverstone	2016	Private Debt	10,000,000	1,514,800
Hearthstone MS II	1999	RE	10,000,000	1,000,000
Hearthstone MS III	2003	RE	10,000,000	1,845,000
TOTAL PRIVATE PORTFOLIO				\$ 77,930,666

Real Estate Debt Obligations	Maturity	Total Commitment	Outstanding Balance
Commitment to repay RCH debt ²	12/31/2017	72,555,556	65,300,000

1 - JP Morgan notified DFPF that they have elected to terminate the investment period of the AIRRO II fund. Capital can only be called in specific situations such as for follow-on capital, fund expenses and fees. DFPF expects that only a small portion of the unfunded will actually be called by the manager.

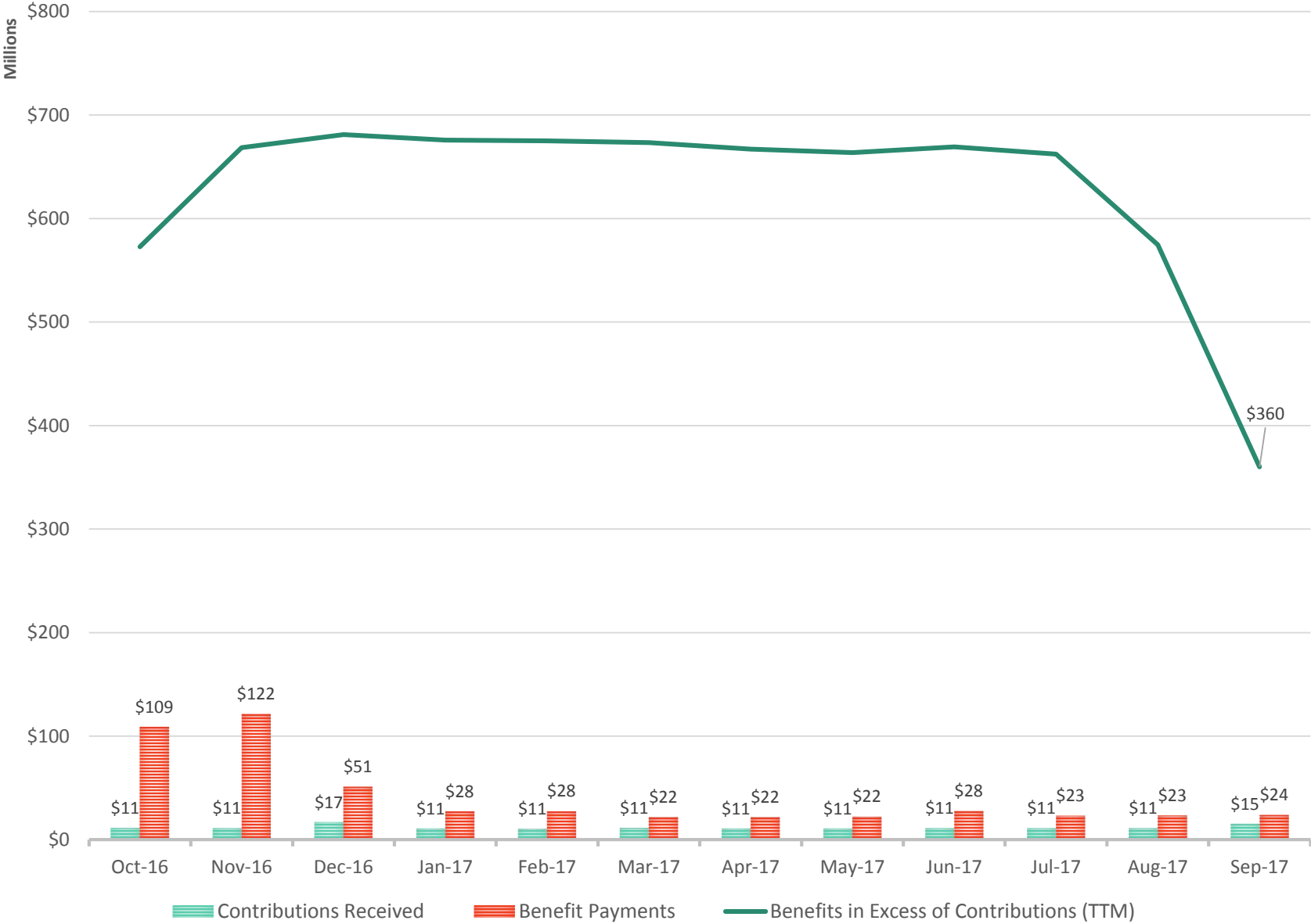
2 - DFPF has a capital commitment obligation to repay \$65.3m of RCH company level debt, which amortizes until the final payment is due on December 31, 2017, but could be called if DFPF net plan assets drop below \$1.75 billion. Total commitment includes overcollateralization required by bank under the loan agreement.

TOTAL CAPITAL CALLS & CONTRIBUTIONS		\$535,896
Outflows over \$250k		
Industry Ventures	Capital Call	\$425,000
TOTAL DISTRIBUTIONS		\$192,684,557
Inflows over \$250k		
NTE Mobility Partners	Secondary Sale	\$103,890,000
LBJ Infrastructure Group	Secondary Sale	\$76,110,000
BTG	Uruguay Sale	\$9,000,000
Museum Tower	Sales Proceeds	\$2,000,000
Tucson Note	Principal Payment	\$1,061,029
Riverstone	Distribution	\$320,327

* Excludes funding, redemptions and distributions from public equity and public fixed income separate accounts

Trailing 12-month Funding Gap

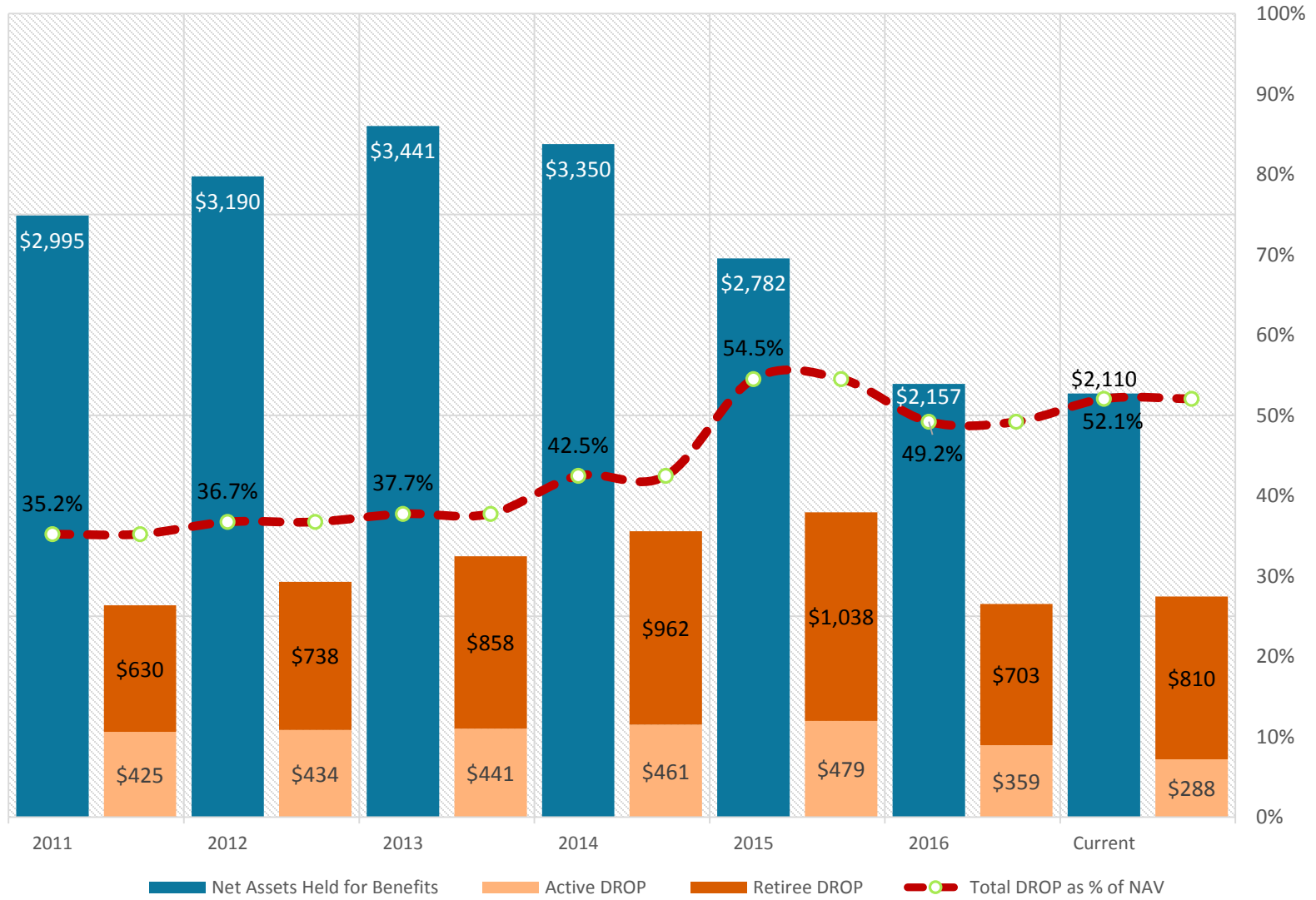
September 30, 2017



DROP Balance as % of NAV

September 30, 2017

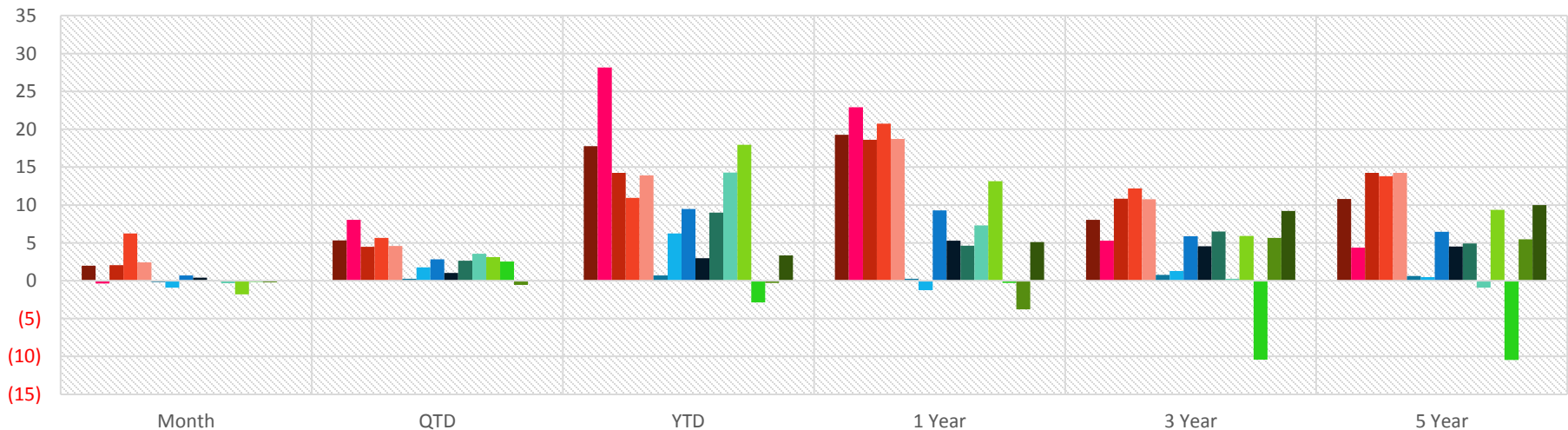
In Millions



Monthly Asset Class Benchmark Returns

September 30, 2017

Asset Class	Benchmark	Month	QTD	YTD	1 Year	3 Year	5 Year
Global Equity	MSCI-ACWI	1.97	5.31	17.75	19.29	8.02	10.79
Emerging Markets	MSCI EM Equity	(0.37)	8.04	28.14	22.91	5.28	4.36
US Equity	S&P 500	2.06	4.48	14.24	18.61	10.81	14.22
US Small Cap	Russell 2000	6.24	5.67	10.94	20.74	12.18	13.79
US All Cap	Russell 3000	2.44	4.57	13.91	18.71	10.74	14.23
US Treasury	Barclays 1-3 YR	(0.17)	0.24	0.70	0.24	0.77	0.64
Global Bonds	BC Global Agg	(0.90)	1.76	6.25	(1.26)	1.30	0.48
High Yield	Barclays Global HY	0.68	2.84	9.49	9.28	5.87	6.44
Bank Loans	S&P Leveraged Loan Index	0.39	1.04	2.97	5.30	4.55	4.50
EM Debt (USD)	JPM EMBI	0.01	2.63	8.99	4.61	6.50	4.91
EM Govt. Bonds (Local)	JPM GBI-EM	(0.34)	3.55	14.28	7.32	0.26	(0.91)
Public Infrastructure	S&P Global Infrastructure	(1.80)	3.11	17.93	13.15	5.92	9.35
Commodities	Dow Jones UBS Commodity	(0.15)	2.52	(2.87)	(0.29)	(10.41)	(10.47)
Public Real Estate	Wilshire REIT	(0.23)	(0.53)	(0.31)	(3.79)	5.66	5.47
Private Real Estate	NCREIF Property	0.00	0.00	3.33	5.11	9.21	9.98





Dallas Police and Fire Pension System - Net of Fees -Public Managers
Equity
As of September 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,109,380,698	100.00	0.47	(2.47)	4.04	3.99	(2.53)	1.32		01-Jan-1995
Global Equity	343,551,964	16.29	2.24	4.43	19.93	19.97	9.05	11.53		01-Jul-2009
MSCI ACWI			1.97	5.31	17.75	19.29	8.02	10.79		
<i>Excess Return</i>			0.27	(0.88)	2.18	0.68	1.03	0.74		
Boston Partners Global Investors Inc	72,872,738	3.45	2.28	3.83						01-Jun-2017
MSCI ACWI			1.97	5.31						
<i>Excess Return</i>			0.31	(1.48)						
Manulife Asset Management LLC	71,406,415	3.39	1.87	2.25						01-Jun-2017
MSCI ACWI			1.97	5.31						
<i>Excess Return</i>			(0.10)	(3.06)						
OFI	96,689,704	4.58	2.80	6.69	26.72	28.14	9.92	13.53	6.30	01-Sep-2007
MSCI ACWI			1.97	5.31	17.75	19.29	8.02	10.79	4.45	
<i>Excess Return</i>			0.83	1.38	8.97	8.85	1.90	2.74	1.85	
Walter Scott and Partners	102,529,843	4.86	2.02	4.36	16.77	15.35	7.89	10.08		01-Dec-2009
MSCI ACWI			1.97	5.31	17.75	19.29	8.02	10.79		
<i>Excess Return</i>			0.06	(0.95)	(0.98)	(3.94)	(0.13)	(0.71)		
RREEF REIT	53,265	0.00								01-Jan-1999

Performance shown is net of manager fees



Dallas Police and Fire Pension System - Net of Fees -Public Managers
Fixed Income
As of September 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,109,380,698	100.00	0.47	(2.47)	4.04	3.99	(2.53)	1.32		01-Jan-1995
Fixed Income	342,855,741	16.25	0.21	1.51	2.78	3.93				01-Jan-2016
Fixed Income Blended			0.26	1.95	6.69	6.03				
Excess Return			(0.05)	(0.44)	(3.91)	(2.10)				
Short Term Core Bonds	50,170,735	2.38	(0.09)	0.37						01-Jun-2017
Bloomberg Barclays 1-3 Year Treasury Index			(0.17)	0.24						
Excess Return			0.08	0.12						
Income Research + Management	50,170,735	2.38	(0.09)	0.37						01-Jun-2017
Bloomberg Barclays 1-3 Year Treasury Index			(0.17)	0.24						
Excess Return			0.08	0.12						
Global Bonds	66,188,637	3.14	(0.60)	2.80	11.59	5.06				01-Jan-2016
Bloomberg Barclays Global Aggregate Index			(0.90)	1.76	6.25	(1.26)				
Excess Return			0.30	1.04	5.34	6.32				
Brandywine Investment Management	66,188,637	3.14	(0.60)	2.80	11.59	5.06	2.23	2.03	5.39	01-Jan-2005
Bloomberg Barclays Global Aggregate Index			(0.90)	1.76	6.25	(1.26)	1.30	0.48	3.31	
Excess Return			0.30	1.04	5.34	6.32	0.93	1.55	2.08	
High Yield	81,424,379	3.86	1.04	1.13	7.97	11.89				01-Jan-2016
Bloomberg Barclays Global High Yield			0.68	2.84	9.49	9.28				
Excess Return			0.36	(1.70)	(1.51)	2.62				
Loomis Sayles Global Opportunity	81,424,379	3.86	1.04	1.13	8.08	11.66	4.53	6.92		01-Nov-1998
Bloomberg Barclays Global High Yield			0.68	2.84	9.49	9.28	5.87	6.44		
Excess Return			0.36	(1.70)	(1.41)	2.39	(1.33)	0.48		

Performance shown is net of manager fees

Dallas Police and Fire Pension System - Net of Fees -Public Managers

Fixed Income

As of September 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Bank Loans	108,422,904	5.14	0.36	1.05	3.70	6.01				01-Jan-2016
S&P Leveraged Loan			0.39	1.04	2.97	5.30				
<i>Excess Return</i>			<i>(0.03)</i>	<i>0.02</i>	<i>0.72</i>	<i>0.71</i>				
Loomis Sayles Senior Floating Rate and Fixed Income Trust	58,388,204	2.77	0.67	1.27	3.92	6.24	4.08			01-Nov-2013
S&P Leveraged Loan Index			0.39	1.04	2.97	5.30	4.55			
<i>Excess Return</i>			<i>0.28</i>	<i>0.23</i>	<i>0.95</i>	<i>0.94</i>	<i>(0.47)</i>			
Pacific Asset Management	50,034,699	2.37	0.00	0.08						01-Jul-2017
Credit Suisse Loan Index			0.41	1.06						
<i>Excess Return</i>			<i>(0.41)</i>	<i>(0.97)</i>						
EM Debt	19,547,976	0.93	(0.48)	4.35	15.96	12.36				01-Jan-2016
EM Debt Blended			(0.16)	3.09	11.61	5.98				
<i>Excess Return</i>			<i>(0.32)</i>	<i>1.26</i>	<i>4.34</i>	<i>6.39</i>				
Ashmore Emerging Markets Local Currency Bond Fund	19,547,976	0.93	(0.48)	4.35	15.72	9.80	0.76	(0.87)		01-Mar-2011
JP Morgan GBI-EM Global Diversified			(0.34)	3.55	14.28	7.32	0.26	(0.91)		
<i>Excess Return</i>			<i>(0.14)</i>	<i>0.80</i>	<i>1.44</i>	<i>2.48</i>	<i>0.50</i>	<i>0.04</i>		

Performance shown is net of manager fees



Dallas Police and Fire Pension System - Net of Fees -Public Managers
Asset Allocation
As of September 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,109,380,698	100.00	0.47	(2.47)	4.04	3.99	(2.53)	1.32		01-Jan-1995
Global Asset Allocation (GAA)	139,336,231	6.61	1.17	2.75	4.74	7.82	2.86	3.89	3.54	01-Jul-2007
GAA Blended			0.80	3.48	11.02	9.08	4.76	5.84	3.38	
Excess Return			0.37	(0.73)	(6.28)	(1.26)	(1.90)	(1.95)	0.17	
Absolute Return	35,369,848	1.68	3.01	1.35	(7.45)	12.73				01-Jun-2016
HFRX Absolute Return Index			0.71	1.85	3.26	2.90				
Excess Return			2.30	(0.50)	(10.71)	9.83				
Bridgewater-Pure Alpha Major Markets	35,369,848	1.68	3.01	1.35	(7.45)	12.74	4.77	5.52		01-Aug-2011
HFRX Absolute Return Index			0.71	1.85	3.26	2.90	1.97	2.43		
Excess Return			2.30	(0.50)	(10.70)	9.84	2.80	3.09		
Risk Parity	81,128,275	3.85	0.48	3.35	9.04	7.53				01-Jan-2016
MSCI ACWI 60%/Bloomberg Barclays Global Aggregate 40%			0.82	3.89	13.04	10.67				
Excess Return			(0.34)	(0.53)	(3.99)	(3.14)				
Bridgewater All Weather	43,028,987	2.04	0.00	3.93	8.47	6.17	2.73	4.18	5.99	01-May-2007
91 Day T-Bills +7 %			0.64	1.99	5.78	7.69	7.35	7.24	7.51	
Excess Return			(0.64)	1.94	2.68	(1.52)	(4.61)	(3.06)	(1.52)	
Putnam Total Return	38,099,288	1.81	1.03	2.72	9.80	8.55	3.13	4.01		01-Dec-2009
GTAA	22,838,108	1.08	0.84	2.80	11.81	7.70				01-Jan-2016
MSCI ACWI 60%/Bloomberg Barclays Global Aggregate 40%			0.82	3.89	13.04	10.67				
Excess Return			0.02	(1.09)	(1.22)	(2.97)				
GMO	22,838,108	1.08	0.84	2.80	11.81	7.70	2.26	4.79	4.15	01-May-2007

Performance shown is net of manager fees

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