

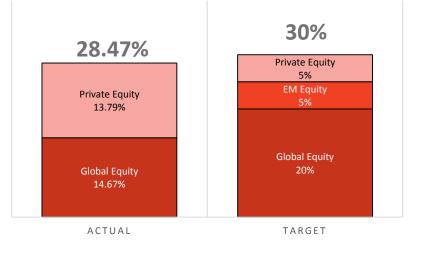
June 30, 2017 Board Monthly Investment Reports

Asset Allocation vs. Target

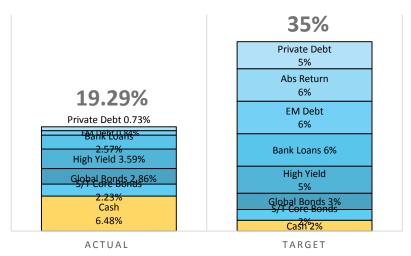
		Actual		Target	Тс	arget Ra	nge
	\$ (M)	Gross %	Net %	\$ (M)	Low	%	High
<u>EQUITY</u>							
Global Equity	329.01	14.67%	14.94%	440.43	10%	20 %	23%
Emerging Market Equity	-	0.00%	0.00%	110.11	0%	5%	8%
Private Equity	309.28	13.79%	14.04%	110.11	4%	5%	15%
TOTAL EQUITY	638.29	28.47%	28.98%	660.64	20%	30%	40%
FIXED INCOME							
Short Term Core Bonds	49.99	2.23%	2.27%	44.04	0%	2%	5%
Global Bonds	64.24	2.86%	2.92%	66.06	0%	3%	6%
High Yield	80.39	3.59%	3.65%	110.11	2%	5%	8%
Bank Loans	57.66	2.57%	2.62%	132.13	3%	6%	9%
Emerging Market Debt	18.73	0.84%	0.85%	132.13	0%	6%	9%
Absolute Return & Structured Credit	-	0.00%	0.00%	132.13	0%	6%	9%
Private Debt	16.29	0.73%	0.74%	110.11	2%	5%	7%
TOTAL FIXED INCOME	287.29	12.81%	13.05%	726.71	15%	33%	38%
GLOBAL ASSET ALLOCATION (GAA)							
Risk Parity	78.95	3.52%	3.59%	110.11	2%	5%	8%
GTAA	22.22	0.99%	1.01%	66.06	0%	3%	6%
Absolute Return	36.89	1.65%	1.68%	44.04	0%	2%	5%
TOTAL GAA	138.06	6.16%	6.27%	220.21	5%	10%	15%
REAL ASSETS							
Liquid Real Assets	-	0.00%	0.00%	66.06	0%	3%	6%
Natural Resources	252.48	11.26%	11.46%	110.11	3%	5%	10%
Infrastructure	237.99	10.61%	10.81%	110.11	3%	5%	10%
Real Estate	542.83	24.21%	24.65%	264.26	10%	12%	25%
TOTAL REAL ASSETS	1,033.29	46.08%	46.92%	550.54	20%	25%	45%
<u>CASH</u>	145.22	6.48%	6.59%	44.04	0%	2 %	5%
GROSS INVESTMENT ASSETS	2,242.15	100%	101.82%				
DPFP DEBT	(40.00)		-1.82%	-	0%	0 %	15%
NET ASSET VALUE	2,202.15		100%				

Asset Allocation vs. Target

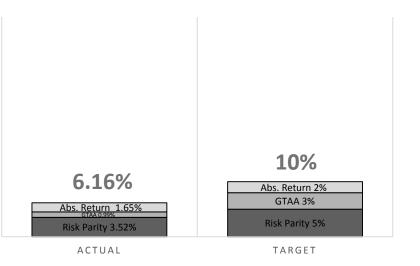
EQUITY

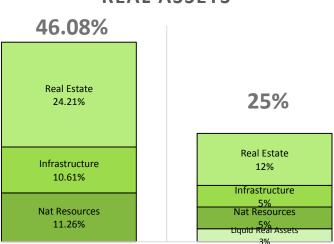


FIXED INCOME & CASH



GLOBAL ASSET ALLOCATION



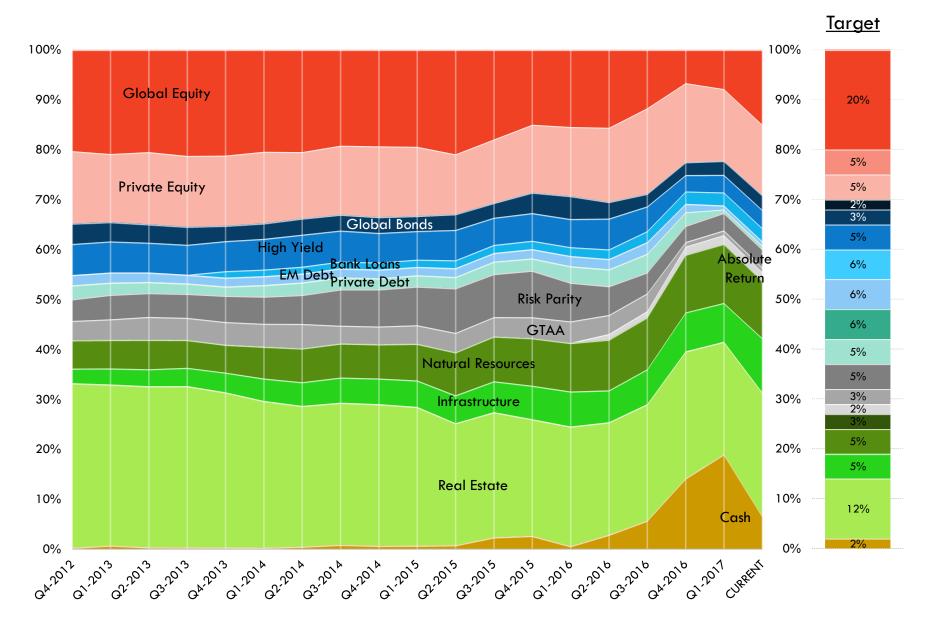


REAL ASSETS

ACTUAL

TARGET

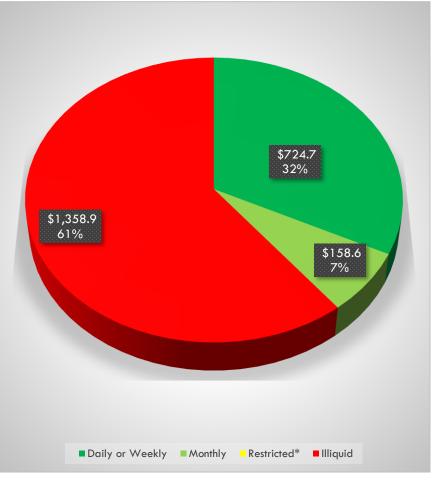
Asset Allocation History (Quarterly)



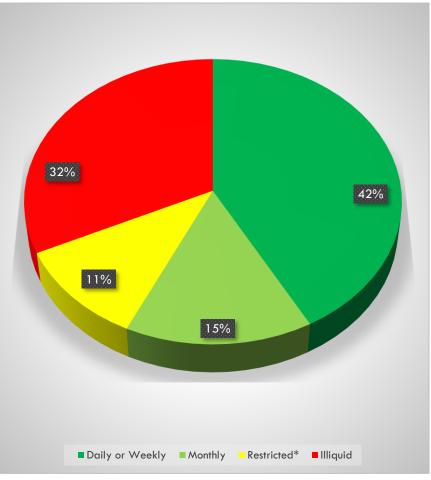
Liquidity Snapshot

In Millions

ACTUAL – GROSS INVESTMENT ASSETS



BASED ON TARGET ASSET ALLOCATION



Liquidity History- As Percentage (Quarterly)

100% 90% 80% 70% 60% % of NAV 50% 40% 30% 20% 10% 0% $O_{k}^{2012}O_{12}^{2013}O_{22}^{2013}O_{32}^{2013}O_{k}^{2013}O_{12}^{2014}O_{22}^{2014}O_{32}^{2014}O_{k}^{2014}O_{12}^{2015}O_{22}^{2015}O_{32}^{2015}O_{k}^{2015}O_{22}^{2016}O_{32}^{2016}O_{k}^{2016}O_{12}^{2017}O_{12}^{$ Liquid less Loans Monthly Restricted* Illiquid

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

June 30, 2017

			Total	Unfunded
Fund	Vintage	Asset Class	Commitment	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	1,782,433
Hudson Clean Energy Partners	2009	PE	25,000,000	-
Huff Energy Fund	2006	PE	100,000,000	119,979
Industry Ventures	2016	PE	5,000,000	3,875,000
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
Riverstone	2016	Private Debt	10,000,000	2,706,213
TOTAL PRIVATE PORTFOLIO				\$ 76,947,624

Real Estate Debt Obligations	Maturity	Total Commitment	Outstanding Balance
Commitment to repay RCH debt ²	12/31/2017	111,111,111	100,000,000

1 - JP Morgan notified DPFP 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. DPFP expects that only a small portion of the unfunded will actually be called by the manager.

2 - DPFP has a capital commitment obligation to repay \$100m of RCH company level debt, which matures on December 31, 2017, but could be called if DPFP net plan assets drop below \$1.75 billion. Total commitment includes overcollaterization required by bank under the loan agreement.

TOTAL CAPITAL CALLS & CONTRIBUTION	ONS	\$40,424,343
Outflows over \$1m		
Bank of America - Revolver	Revolver pay-off	\$30,000,000
Bank of America - Term	Principal payment	\$10,000,000

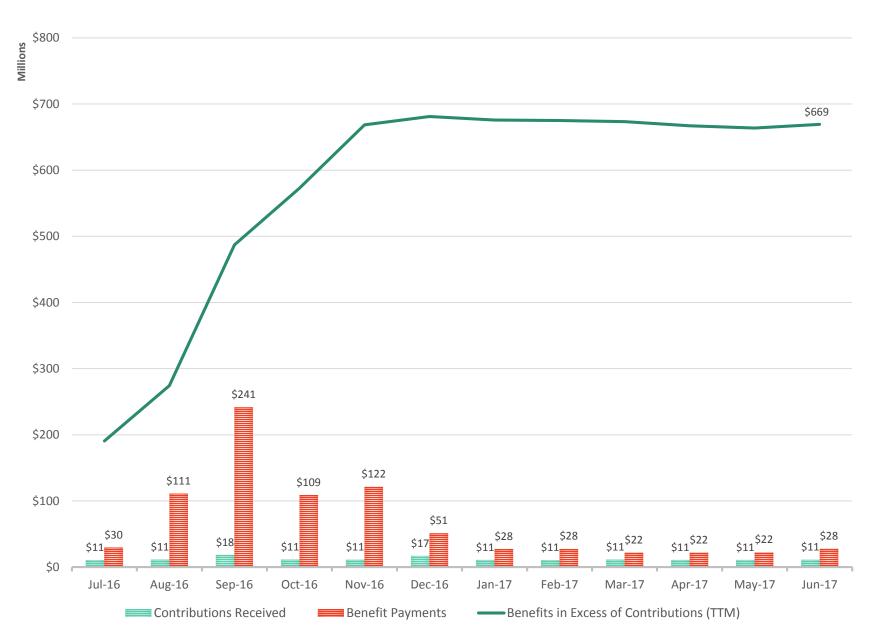
TOTAL DISTRIBUTIONS		\$42,245,365
Inflows over \$1m		
Clarion	1210 S. Lamar sale loan proceeds	\$10,352,194
CDK	CDK MFF sale	\$9,982,500
Forest Investment	Huggin Oak sale	\$7,763,953
Hancock	Sale proceeds	\$7,027,669
Clarion	1210 S. Lamar equity proceeds	\$4,669,406

Staff funded new investments with the below managers in June. These new investments were approved by the Board in 2016, but had not yet been funded due to liquidity constraints.

Manager Asset Category		Asset Class	Amount
Income Research + Management	Fixed Income	Short-Term Core Bonds	\$50,000,000
Boston Partners	Equity	Global Equity	\$70,000,000
Manulife	Equity	Global Equity	\$70,000,000

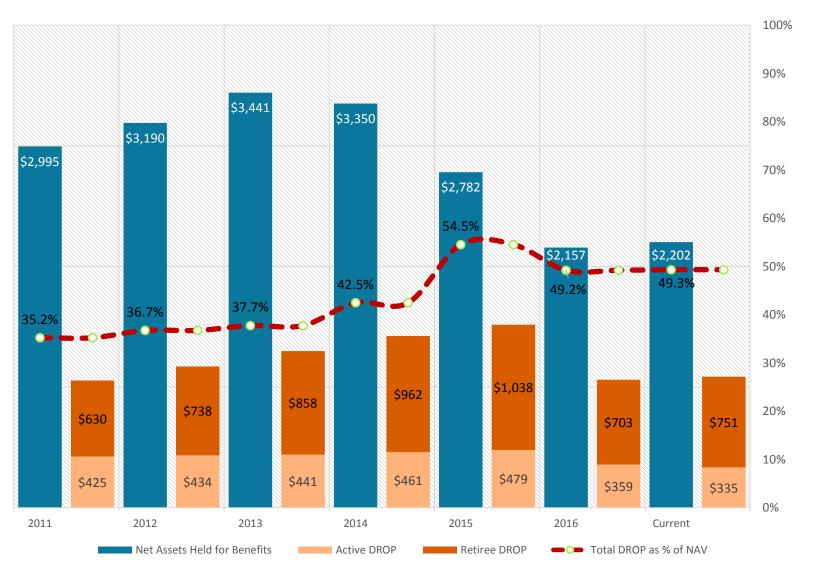
Staff and NEPC have discussed and recommend making the below manager level benchmark changes. Several manager benchmarks were changed with the updated asset allocation and Investment Policy Statement Policy in 2016. The proposed changes would measure a manager against their stated benchmark, if they have one, or against the asset class benchmark where they do not.

Manager	Current Benchmark	New Benchmarks	Rationale
Loomis Sayles	70% BofA ML HY / 30% JPM EMBI Plus	Barclays Global High Yield	70/30 benchmark was designed by previous consultant and Loomis does not manage to it. Change to the asset class benchmark
Bridgewater All Weather	60% MSCI ACWI/40% BC Global Agg (1/1/16 to present) linked with 91 T-Bill + 6% (inception to 1/1/16)	91 T-Bill + 7%	Change to strategy's stated benchmark
Putnam	am 60% MSCI ACWI/40% BC Global Agg (1/1/16 to present) linked with CPI + 5% 60% MSC (inception to 1/1/16)		Change to strategy's stated benchmark
GMO	60% MSCI ACWI/40% BC Global Agg $(1/1/16$ to present) linked with CPI + 5% (inception to $1/1/16$)	CPI +5%	Change to strategy's stated benchmark
Bridgewater Pure Alpha	HFRX Absolute Return $(1/1/16$ to present) linked with 91 T-Bill + 6% (inception to 1/1/16)	HFRX Absolute Return	Strategy does not have stated benchmark, so changing to asset class benchmark



DROP Balance as % of NAV

In Millions



Monthly Asset Class Benchmark Returns

Asset Class	Benchmark	Month	QTD	YTD	1 Year	3 Year	5 Year
Global Equity	MSCI-ACWI	0.50	4.45	11.82	19.42	5.39	11.14
Emerging Markets	MSCI EM Equity	1.07	6.38	18.60	24.17	1.44	4.33
US Equity	S&P 500	0.62	3.09	9.34	17.90	9.61	14.63
US Small Cap	Russell 2000	3.46	2.46	4.99	24.60	7.36	13.70
US All Cap	Russell 3000	0.90	3.02	8.93	18.51	9.10	14.58
US Treasury	Barclays 1-3 YR	(0.08)	0.19	0.46	(0.11)	0.70	0.64
Global Bonds	BC Global Agg	(0.09)	2.60	4.41	(2.18)	(0.35)	0.78
High Yield	Barclays Global HY	0.17	3.19	6.46	11.89	3.73	7.13
Bank Loans	S&P Leveraged Loan Index	(0.40)	0.03	1.17	6.64	3.77	3.96
EM Debt (USD)	JPM EMBI	(0.14)	2.24	6.19	6.04	5.38	5.72
EM Govt. Bonds (Local)	JPM GBI-EM	0.46	3.62	10.36	6.41	(2.80)	(0.67)
Public Infrastructure	S&P Global Infrastructure	(0.07)	5.95	14.37	12.71	3.50	9.67
Commodities	Dow Jones UBS Commodity	(0.19)	(3.00)	(5.26)	(6.50)	(14.81)	(9.25)
Public Real Estate	Wilshire REIT	2.65	1.42	0.23	(5.26)	4.47	5.33
Private Real Estate	NCREIF Property	0.00	0.00	1.55	5.14	9.53	10.10

MSCI-ACWI

- Russell 3000
- S&P Leveraged Loan Index
- Dow Jones UBS Commodity
- MSCI EM EquityBarclays 1-3 YR
- JPM EMBI
- Wilshire REIT

- S&P 500 BC Global Agg
- JPM GBI-EMNCREIF Property

- Russell 2000
- Barclays Global HY
- S&P Global Infrastructure



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

Equity As of June 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,202,265,170	100.00	5.36	6.44	6.77	10.47	(1.40)	2.39		01-Jan-1995
Clobal Fruits	200.052.520	44.00	0.47	C 20	4475	21.49	6.59	12.02		01-Jul-2009
Global Equity MSCI ACWI	328,853,539	14.93	0.17	6.39	14.75					01-Jui-2009
			0.50	4.45	11.82	19.42	5.39	11.14		
Excess Return			(0.33)	1.93	2.93	2.07	1.20	0.88		
Boston Partners Global Investors Inc	69,937,749	3.18	(0.17)							01-Jun-2017
Manulife Asset ManagemenT LLC	69,841,187	3.17	(0.43)							01-Jun-2017
MSCI ACWI			0.50							
Excess Return			(0.92)							
OFI	90,628,369	4.12	1.42	8.43	18.78	30.93	7.07	13.82		01-Sep-2007
MSCI ACWI			0.50	4.45	11.82	19.42	5.39	11.14		
Excess Return			0.92	3.97	6.96	11.51	1.68	2.68		
Walter Scott and Partners	98,247,755	4.46	(0.60)	4.95	11.90	13.97	5.96	10.39		01-Dec-2009
MSCI ACWI			0.50	4.45	11.82	19.42	5.39	11.14		
Excess Return			(1.10)	0.49	0.08	(5.45)	0.57	(0.75)		
Pyramis Global Advisors (Fidelity)	106,676	0.00								01-Apr-2002
RREEF REIT	91,803	0.00								01-Jan-1999

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

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,202,265,170	100.00	5.36	6.44	6.77	10.47	(1.40)	2.39		01-Jan-1995
Fixed Income	287,557,915	13.06	0.73	2.30	1.08	5.30				01-Jan-2016
Fixed Income Blended			0.06	2.00	4.68	7.56				
Excess Return			0.67	0.30	(3.60)	(2.26)				
Global Bonds	64,385,624	2.92	1.79	3.82	8.55	3.58				01-Jan-2016
Bloomberg Barclays Global Aggregate			(0.09)	2.60	4.41	(2.18)				
Excess Return			1.88	1.22	4.15	5.76				
Brandywine Investment Management	64,385,624	2.92	1.79	3.82	8.55	3.58	0.55	2.45		01-Jan-2005
Bloomberg Barclays Global Aggregrate Index		ļ	(0.09)	2.60	4.41	(2.18)	(0.35)	0.78	3.69	
Excess Return			1.88	1.22	4.15	5.76	0.90	1.68		
Short Term Core Bonds	49,988,023	2.27	(0.05)							01-Jun-2017
	40.000.000	0.07	(0.05)							04 1 0047
Income Research + Management	49,988,023	2.27	(0.05)							01-Jun-2017
Barclays 1-3 Year Treasury Index			(0.08)							
Excess Return			0.03							
High Yield	80,512,107	3.66	1.26	2.89	6.77	17.15				01-Jan-2016
Bloomberg Barclays Global High Yield	80,512,107	5.00	0.17	3.19	6.46	11.89				01-3411-2010
Excess Return			1.10	(0.30)	0.40	5.25				
			1.10	(0.00)	0.00	0.20				
Loomis Sayles Global Opportunity	80,512,107	3.66	1.26	2.89	6.87	17.76	3.50	7.60		01-Nov-1998
70% Merrill High Yield / 30% JPM Emerging Markets			0.00	2.17	5.31	10.56	4.55	6.40	7.44	
Excess Return			1.27	0.71	1.56	7.20	(1.05)	1.20		
							1			
Bank Loans	57,655,597	2.62	0.17	1.03	2.62	9.11				01-Jan-2016
S&P Leverage Loan			(0.04)	0.03	1.17	6.64				

Fixed Income As of June 2017

Performance shown is net of manager fees

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

Fixed Income As of June 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Excess Return			0.21	1.00	1.44	2.47				
Loomis Sayles Senior Floating Rate and Fixed Income Trust	57,655,597	2.62	0.17	1.03	2.62	9.11	3.65			01-Nov-2013
S&P Leveraged Loan Index			(0.04)	0.03	1.17	6.64	3.77			
Excess Return			0.21	1.00	1.44	2.47	(0.13)			
EM Debt	18,725,273	0.85	(1.56)	0.40	8.55	11.87				01-Jan-2016
EM Debt Blended			0.16	2.93	8.26	6.26				
Excess Return			(1.72)	(2.53)	0.28	5.61				
Ashmara Emerging Markets Logal Currency Band Fund	40 705 070	0.95	(4 5 6)	0.40	0.00	F 60	(2.45)	(1.00)		01 Mar 2011
Ashmore Emerging Markets Local Currency Bond Fund	18,725,273	0.85	(1.56)	0.40	8.32	5.62	(3.45)	(1.06)		01-Mar-2011
JP Morgan GBI-EM Global Diversified			0.46	3.62	10.36	6.41	(2.80)	(0.67)		
Excess Return			(2.02)	(3.22)	(2.04)	(0.79)	(0.65)	(0.39)		

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

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,202,265,170	100.00	5.36	6.44	6.77	10.47	(1.40)	2.39		01-Jan-1995
Global Asset Allocation (GAA)	138,058,609	6.27	0.41	0.38	3.78	10.73	2.87	4.42		01-Jul-2007
GAA Blended			0.23	3.11	7.29	8.62	2.86	6.02	3.36	
Excess Return			0.18	(2.73)	(3.51)	2.12	0.01	(1.60)		
Absolute Return	36,890,529	1.68	0.00	(3.91)	(3.48)	21.21				01-Jun-2016
HFRX Absolute Return Index			0.10	0.72	1.38	1.93				
Excess Return			(0.10)	(4.63)	(4.85)	19.28				
Bridgewater-Pure Alpha Major Markets	36,890,529	1.68	0.00	(3.91)	(3.47)	21.21	4.92	7.77		01-Aug-2011
Risk Parity	78,952,767	3.59	0.34	1.59	6.12	8.44				01-Jan-2016
MSCI ACWI 60%/Bloomberg Barclays Global Aggregate 40%			0.26	3.71	8.81	10.33		,		
Excess Return			0.07	(2.12)	(2.68)	(1.89)				
Bridgewater All Weather	41,860,708	1.90	0.00	1.85	5.52	7.14	2.66	4.56		01-May-2007
Putnam Total Return	37,092,059	1.68	0.72	1.30	6.90	9.01	1.90	4.95		01-Dec-2009
GTAA	22,215,313	1.01	1.38	3.67	8.77	8.98				01-Jan-2016
MSCI ACWI 60%/Bloomberg Barclays Global Aggregate 40%			0.26	3.71	8.81	10.33		,		
Excess Return			1.12	(0.04)	(0.04)	(1.35)				
GMO	22,215,313	1.01	1.38	3.67	8.77	8.98	1.47	5.26		01-May-2007

Asset Allocation As of June 2017



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