

April 30, 2017 Board Monthly Investment Reports

		Actual		Target	Te	arget Ra	ange	
	\$ (M)	Gross %	Net %	\$ (M)	Low	%	High	
<u>EQUITY</u>								
Global Equity	179.82	8.16%	8.57%	419.87	10%	20 %	23%	
Emerging Market Equity	-	0.00%	0.00%	104.97	0%	5%	8%	
Private Equity	312.35	14.17%	14.88%	104.97	4%	5%	15%	
TOTAL EQUITY	492.18	22.33%	23.44%	629.80	20%	30%	40%	
FIXED INCOME								
Short Term Core Bonds	-	0.00%	0.00%	41.99	0%	2%	5%	
Global Bonds	62.57	2.84%	2.98%	62.98	0%	3%	6%	
High Yield	78.99	3.58%	3.76%	104.97	2%	5%	8%	
Bank Loans	57.26	2.60%	2.73%	125.96	3%	6%	9%	
Emerging Market Debt	18.77	0.85%	0.89%	125.96	0%	6 %	9%	
Absolute Return & Structured Credit	-	0.00%	0.00%	125.96	0%	6%	9%	
Private Debt	16.30	0.74%	0.78%	104.97	2%	5%	7%	
TOTAL FIXED INCOME	233.90	10.61%	11.14%	692.78	15%	33%	38%	
GLOBAL ASSET ALLOCATION (GAA)								
Risk Parity	78.22	3.55%	3.73%	104.97	2%	5%	8%	
GTAA	21.68	0.98%	1.03%	62.98	0%	3%	6%	
Absolute Return	36.89	1.67%	1.76%	41.99	0%	2 %	5%	
TOTAL GAA	136.79	6.21%	6.52%	209.93	5%	10%	15%	
REAL ASSETS								
Liquid Real Assets	-	0.00%	0.00%	62.98	0%	3%	6%	
Natural Resources	268.71	12.19%	12.80%	104.97	3%	5%	10%	
Infrastructure	172.26	7.81%	8.21%	104.97	3%	5%	10%	
Real Estate	499.86	22.68%	23.81%	251.92	10%	12%	25%	
TOTAL REAL ASSETS	940.83	42.68%	44.82%	524.83	20%	25%	45%	
<u>CASH</u>	400.63	18.17%	19.08%	41.99	0%	2 %	5%	
	-							
GROSS INVESTMENT ASSETS	2,204.33	100%	105.00%					
DPFP DEBT	(105.00)		-5.00%	-	0%	0 %	15%	

Asset Allocation vs. Target – Based on Liquidity

		Actual		Target	Тс	arget Ra	nge
	\$ (M)	Gross %	Net %	\$ (M)	Low	%	High
<u>QUITY</u>							
Global Equity	179.82	8.16%	8.57%	419.87	10%	20%	23%
Emerging Market Equity	-	0.00%	0.00%	104.97	0%	5%	8%
LIQUID EQUITY	179.82	8.16%	8.57%	524.83		25%	
IXED INCOME							
Short Term Core Bonds	-	0.00%	0.00%	41.99	0%	2%	5%
Global Bonds	62.57	2.84%	2.98%	62.98	0%	3%	6%
High Yield	78.99	3.58%	3.76%	104.97	2%	5%	8%
Bank Loans	57.26	2.60%	2.73%	125.96	3%	6%	9%
Emerging Market Debt	18.77	0.85%	0.89%	125.96	0%	6%	9%
Absolute Return & Structured Credit	-	0.00%	0.00%	125.96	0%	6%	9%
LIQUID FIXED INCOME	217.60	9.87%	10.37%	587.81		28 %	
LOBAL ASSET ALLOCATION (GAA)							
Risk Parity	78.22	3.55%	3.73%	104.97	2%	5%	8%
GTAA	21.68	0.98%	1.03%	62.98	0%	3%	6%
Absolute Return	36.89	1.67%	1.76%	41.99	0%	2 %	5%
TOTAL GAA	136.79	6.21%	6.52%	209.93		10%	
QUID REAL ASSETS	-	0.00%	0.00%	62.98	0%	3%	6%
<u>ASH</u>	400.63	18.17%	19.08%	41.99	0%	2 %	5%
TOTAL LIQUID INVESTMENTS	934.85	42.41%	44.53%	1,427.55		68%	

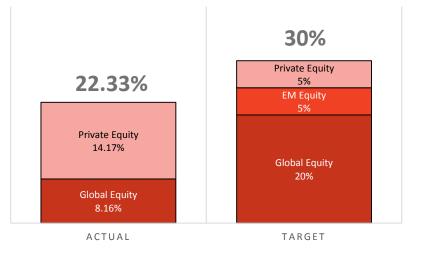
RIVATE REAL ASSETS							
Natural Resources	268.71	12.19%	12.80%	104.97	3%	5%	10%
Infrastructure	172.26	7.81%	8.21%	104.97	3%	5%	10%
Real Estate	499.86	22.68%	23.81%	251.92	10%	12%	25%
TOTAL PRIVATE REAL ASSETS	940.83	42.68%	44.82%	461.85		22%	
RIVATE MARKETS							
Private Equity	312.35	14.17%	14.88%	104.97	4%	5%	15%
Private Debt	16.30	0.74%	0.78%	104.97	2%	5%	7%
TOTAL PRIVATE MARKETS	328.65	14.91%	15.66%	209.93		10%	
TOTAL PRIVATE INVESTMENTS	1,269,48	57.59%	60.47%	671.79		32%	

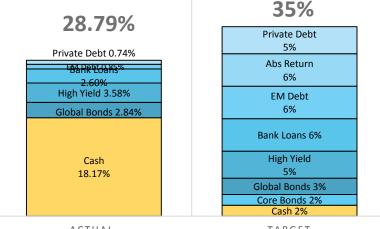
GROSS INVESTMENT ASSETS	2,204.33	100%	105.00%				
DPFP DEBT	(105.00)		-5.00%	-	0%	0 %	15%
NET ASSET VALUE	2,099.33		100%				

Asset Allocation vs. Target



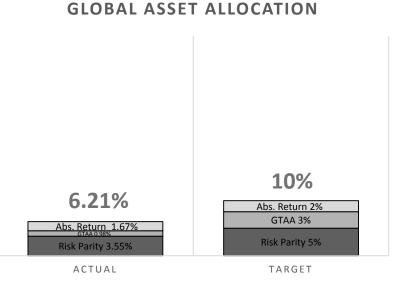


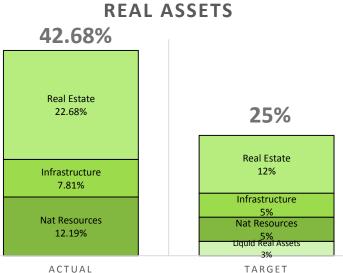




ACTUAL

TARGET

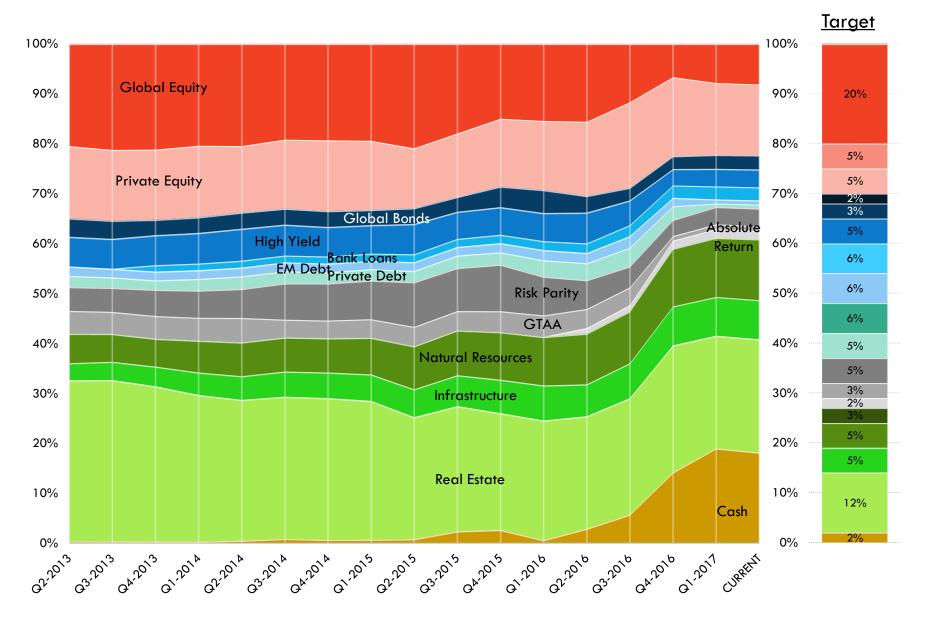




TARGET

Asset Allocation History (Quarterly)

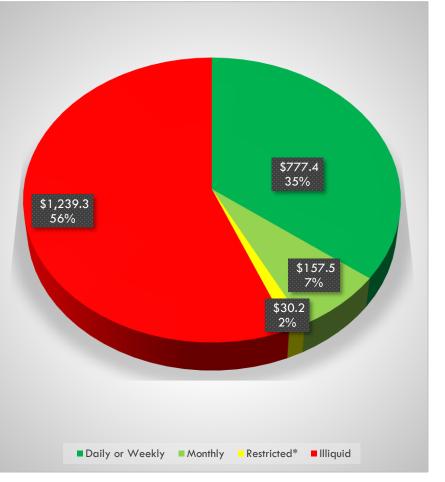
April 30, 2017



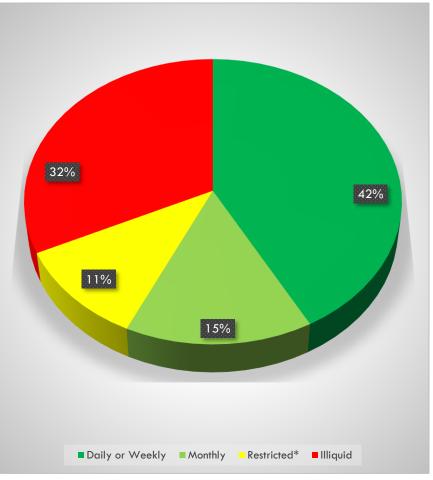
Liquidity Snapshot

In Millions

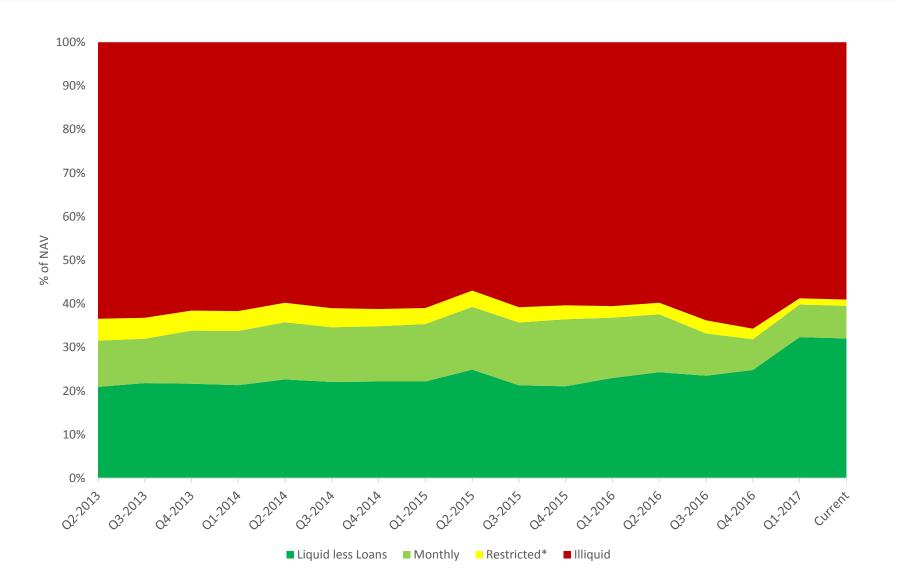
ACTUAL – GROSS INVESTMENT ASSETS



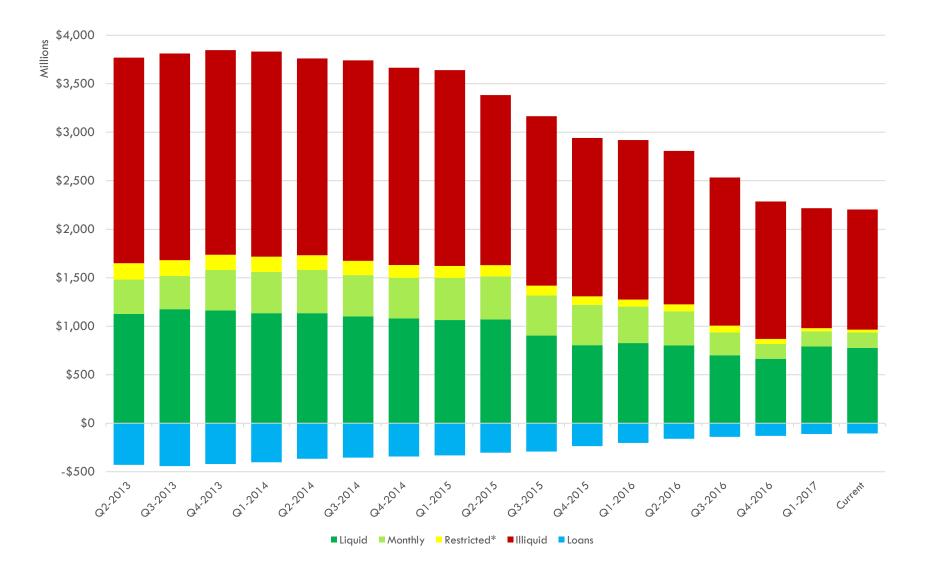
BASED ON TARGET ASSET ALLOCATION



Liquidity History- As Percentage (Quarterly)



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



Fund	Vintage	Asset Class	Total Commitment	Unfunded Capital
JPMAIRRO	2008	Infra	37,000,000	1,150,000
JPM AIRRO II	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	4,475,000
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
1210 South Lamar Bridge Loan	2014	Real Estate	10,500,000	419,999
TOTAL PRIVATE PORTFOLIO				\$ 77,967,623

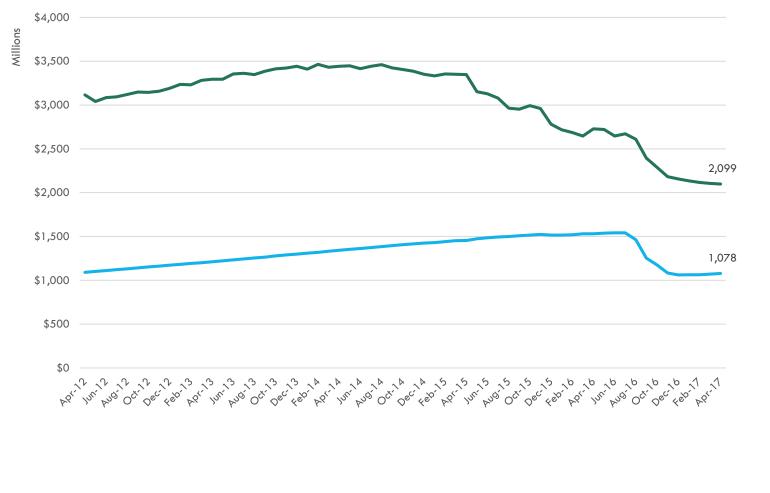
			Unfunded
Real Estate Debt Obligations	Maturity	Commitment	Capital
Commitment to repay RCH debt ¹	5/23/2017	171,400,000	171,400,000

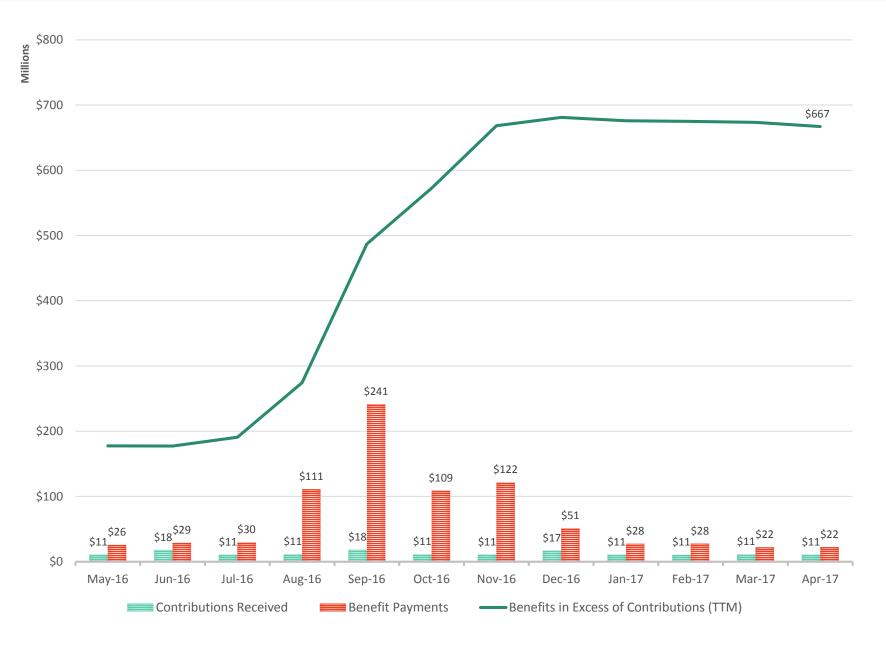
¹ DPFP has a capital commitment obligation to repay \$171.4m of company level debt of a real estate operating company investment, which matures in May 2017, but could be called if DPFP net plan assets drop below \$2 billion.

TOTAL CAPITAL CALLS & CONT	RIBUTIONS	\$8,873,415
Outflows over \$1m		
Bank of America - Term	Principal payment	\$5,000,000
Riverstone	Capital call	\$1,919,932
JPM Maritime	Capital Call	\$1,473,739

TOTAL DISTRIBUTIONS	\$1,325,578
Inflows over \$1m	

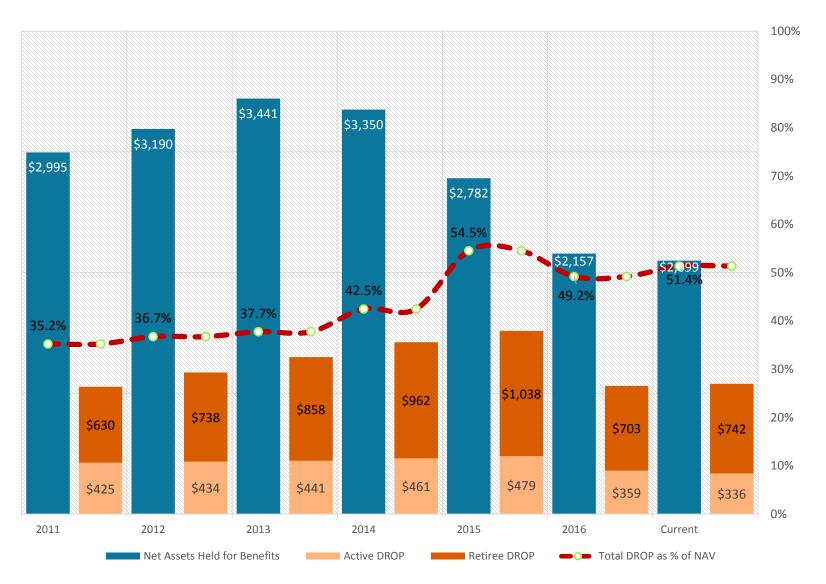
None





DROP Balance as % of NAV

In Millions



Dallas Police and Fire Pension System - Net of Fees Returns By Category As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,099,150,990	100.00	0.27	0.27	0.58	1.81	(3.38)	1.12		01-Jan-1995
Equity	491,995,963	23.44	(0.10)	(0.10)	2.12	3.01				01-Jan-2016
MSCI AC 66.7%/EM 16.7%/R3000+3 16.7%			1.61	1.61	9.07	17.23		,		
Excess Return			(1.71)	(1.71)	(6.95)	(14.22)		l		
Global Equity	179,643,311	8.56	3.08	3.08	11.18	17.37	6.99	10.41		01-Jul-2009
MSCI ACWI			1.60	1.60	8.77	15.77	5.86	9.55		
Excess Return		1	1.47	1.47	2.42	1.60	1.13	0.86		
		44.00	(1.0.1)	(1.0.1)	(0.0.1)					
Private Equity Russell 3000 +3%	312,352,652	14.88	(1.84)	(1.84)	(2.34)	(3.74)				01-Jan-2016
Excess Return	·		1.31	1.31	7.91	22.14	,			
Excess Return			(3.15)	(3.15)	(10.25)	(25.88)				
Fixed Income	233,901,633	11.14	0.68	0.68	(0.53)	4.95				01-Jan-2016
Fixed Income Blended	200,001,000		1.02	1.02	3.67	7.71				01 0011 2010
Excess Return			(0.34)	(0.34)	(4.20)	(2.76)				
			(0.01)	(0.01)	(1.20)	(2.70)				
Global Bonds	62,571,933	2.98	0.90	0.90	5.50	0.46				01-Jan-2016
Barclays Global Aggregate			1.13	1.13	2.91	(2.10)				
Excess Return			(0.23)	(0.23)	2.59	2.56				
High Yield	78,992,155	3.76	0.94	0.94	4.75	18.13				01-Jan-2016
Barclays Global High Yield			1.73	1.73	4.96	11.37				
Excess Return			(0.79)	(0.79)	(0.21)	6.76				
Bank Loans	57,264,048	2.73	0.34	0.34	1.92	10.31				01-Jan-2016
S&P Leveraged Loan Index			0.08	0.08	0.24	5.81				

Dallas Police and Fire Pension System - Net of Fees Returns By Category As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Excess Return			0.26	0.26	1.67	4.50				
EM Debt	18,774,802	0.89	0.66	0.66	8.84	14.00				01-Jan-2016
EM Debt Blended			1.33	1.33	6.58	6.37				
Excess Return			(0.66)	(0.66)	2.26	7.62				
Private Debt	16,298,695	0.78	(0.29)	(0.29)	(20.71)	(19.42)				01-Jan-2016
Barclays Global High Yield +2%			1.90	1.90	5.65	13.60				
Excess Return			(2.19)	(2.19)	(26.36)	(33.02)				
Global Asset Allocation (GAA)	136,792,548	6.52	(0.54)	(0.54)	2.83	12.06	3.98	4.43		01-Jul-2007
GAA Blended			1.19	1.19	5.29	7.02	3.09	5.16		
Excess Return			(1.73)	(1.73)	(2.46)	5.04	0.89	(0.73)		
Absolute Return	36,890,529	1.76	(3.91)	(3.91)	(3.48)					01-Jun-2016
HFRX Absolute Return Index			0.31	0.31	0.96					
Excess Return			(4.22)	(4.22)	(4.43)					
Risk Parity	78,223,784	3.73	0.65	0.65	5.14	11.57				01-Jan-2016
MSCI ACWI 60%/Barclays Global Aggregate 40%			1.41	1.41	6.40	8.35				
Excess Return			(0.76)	(0.76)	(1.26)	3.22				
0744	04 070 005	4.00	1.17	4 4 7	0.4.4	7.05				04 law 2040
GTAA	21,678,235	1.03	1.17	1.17 1.41	6.14 6.40	7.05 8.35				01-Jan-2016
MSCI ACWI 60%/Barclays Global Aggregate 40%										,
Excess Return			(0.25)	(0.25)	(0.26)	(1.30)				
Real Assets	940,829,705	44.82	0.55	0.55	(0.08)	(2.52)				01-Jan-2016

Dallas Police and Fire Pension System - Net of Fees Returns By Category As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Natural Resources	268,711,419	12.80	2.17	2.17	1.77	4.66	3.85	6.10		01-Jul-2009
Infrastructure	172,256,725	8.21	(0.53)	(0.53)	1.94	(0.69)	(2.21)			01-Jul-2012
S&P Global Infrastructure Index			1.69	1.69	9.77	11.01	4.25			
Excess Return			(2.22)	(2.22)	(7.83)	(11.69)	(6.46)			
Real Estate	499,861,561	23.81	0.06	0.06	(1.63)	(6.15)				01-Jan-2016
NCREIF Property			0.00	0.00	1.55	7.27				
Excess Return			0.06		(3.18)	(13.42)				•
Control/Holding Account	400,631,141	19.09	0.09	0.09	0.28	0.56	0.27	0.22		01-Jan-1994
Merrill Lynch 3 Month US T-BILL			0.06	0.06	0.17	0.39	0.19	0.15	0.65	
Excess Return			0.03	0.03	0.11	0.17	0.08	0.07		
Master Loans	(105,000,000)	(5.00)								01-Mar-2014

Dallas Police and Fire Pension System - Net of Fees

Equity As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,099,150,990	100.00	0.27	0.27	0.58	1.81	(3.38)	1.12		01-Jan-1995
F we the	404 005 000	00.44	(0.40)	(0.40)	0.40	0.04				04 1 0040
Equity	491,995,963	23.44	(0.10)	(0.10)	2.12	3.01				01-Jan-2016
MSCI AC 66.7%/EM 16.7%/R3000+3 16.7%			1.61	1.61	9.07	17.23		,		
Excess Return			(1.71)	(1.71)	(6.95)	(14.22)				
Global Equity	179,643,311	8.56	3.08	3.08	11.18	17.37	6.99	10.41		01-Jul-2009
MSCI ACWI			1.60	1.60	8.77	15.77	5.86	9.55		
Excess Return			1.47	1.47	2.42	1.60	1.13	0.86		
OFI	86,695,879	4.13	3.72	3.72	13.62	19.58	6.86	11.55		01-Sep-2007
MSCI ACWI			1.60	1.60	8.77	15.77	5.86	9.55		•
Excess Return			2.12	2.12	4.86	3.82	1.00	2.00		
Walter Scott and Partners	92,707,326	4.42	2.51	2.51	9.30	12.94	6.36	9.06		01-Dec-2009
MSCI ACWI			1.60	1.60	8.77	15.77	5.86	9.55		
Excess Return			0.91	0.91	0.54	(2.82)	0.50	(0.50)		
Eagle Asset Management	4,767	0.00								28-Feb-2005
Pyramis Global Advisors (Fidelity)	145,005	0.01								01-Apr-2002
RREEF REIT	90,334	0.00								01-Jan-1999
Private Equity	312,352,652	14.88	(1.84)	(1.84)	(2.34)	(3.74)				01-Jan-2016
Russell 3000 +3%			1.31	1.31	7.91	22.14				
Excess Return			(3.15)	(3.15)	(10.25)	(25.88)				
Bankcap Partners	10,872,589	0.52	0.00	0.00	90.27	87.43	23.10	14.16		01-Feb-2007

Dallas Police and Fire Pension System - Net of Fees Equity As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Hudson Clean Energy Partners LP	10,715,535	0.51	(20.63)	(20.63)	(20.63)	(40.43)	(16.62)	(15.90)		01-Aug-2009
Huff Alternative Fund LP	31,971,647	1.52	1.01	1.01	2.11	14.13	2.86	4.30		01-Jun-2001
Huff Energy Fd	131,208,655	6.25	0.00	0.00	0.00	19.14	(13.35)	(2.84)		31-Dec-2006
Industry Ventures Partnership Holdings IV LP	501,063	0.02	(2.98)	(2.98)	(2.98)					15-Jul-2016
Lone Star CRA Fund LP	59,541,782	2.84	(1.31)	(1.31)	(1.31)	(37.38)	(25.52)	(7.37)		01-Jul-2008
Lone Star Growth Capital	10,193,552	0.49	(5.18)	(5.18)	(5.18)	(19.79)	(14.25)	1.10		31-Dec-2006
Lone Star Opportunities Fund V LP	55,063,273	2.62	1.35	1.35	1.35	(35.47)	(11.06)	10.92		01-Jan-2012
North Texas Opportunity Fund LP	2,098,971	0.10	0.00	0.00	(54.05)	(58.41)	(34.56)	(26.50)		01-Aug-2000
Pharos Capital	70,866	0.00	(97.51)	(97.51)	(97.51)	(98.76)	(76.27)	(55.36)		30-Aug-2005
Yellowstone Energy Ventures II LP	114,719	0.01	0.00	0.00	0.02	4.56	(34.48)	(33.26)		01-Sep-2008

Dallas Police and Fire Pension System - Net of Fees

As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,099,150,990	100.00	0.27	0.27	0.58	1.81	(3.38)	1.12		01-Jan-1995
Fixed Income	233,901,633	11.14	0.68	0.68	(0.53)	4.95				01-Jan-2016
Fixed Income Blended			1.02	1.02	3.67	7.71			_	
Excess Return			(0.34)	(0.34)	(4.20)	(2.76)				
Olyhel Davida	00 574 000	0.00	0.00	0.00		0.40				04 1 0040
Global Bonds	62,571,933	2.98	0.90	0.90	5.50	0.46				01-Jan-2016
Barclays Global Aggregate			1.13	1.13	2.91	(2.10)				
Excess Return			(0.23)	(0.23)	2.59	2.56				
Brandywine Investment Management	62,571,933	2.98	0.90	0.90	5.50	0.30	0.55	1.88		01-Jan-2005
Barclays Global Aggregrate Index			1.13	1.13	2.91	(2.10)	(0.40)	0.37	3.34	
Excess Return			(0.23)	(0.23)	2.59	2.40	0.95	1.51		
High Yield	78,992,155	3.76	0.94	0.94	4.75	18.13				01-Jan-2016
Barclays Global High Yield	10,002,100		1.73	1.73	4.96	11.37				01 0411 2010
Excess Return			(0.79)	(0.79)	(0.21)	6.76				
Loomis Sayles Global Opportunity	78,992,155	3.76	0.94	0.94	4.85	19.96	3.89	7.23		01-Nov-1998
70% Merrill High Yield / 30% JPM Emerging Markets			1.26	1.26	4.36	12.03	5.07	6.37	7.20	
Excess Return			(0.31)	(0.31)	0.49	7.93	(1.18)	0.86		
Bank Loans	57,264,048	2.73	0.34	0.34	1.92	10.31				01-Jan-2016
S&P Leveraged Loan Index			0.08	0.08	0.24	5.81				
Excess Return			0.26	0.26	1.67	4.50				
Loomis Sayles Senior Floating Rate and Fixed Income Trust	57,264,048	2.73	0.34	0.34	1.92	10.31	3.91			01-Nov-2013
	0.,20.,010		0.08	0.08	0.24	5.81				27.00.2010
Excess Return			0.26	0.26	1.67	4.50	3.96			
S&P Leveraged Loan Index	57,204,048	2.13	0.08	0.08	0.24	5.81	(0.05)			

Dallas Police and Fire Pension System - Net of Fees

As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
EM Debt	18,774,802	0.89	0.66	0.66	8.84	14.00				01-Jan-2016
EM Debt Blended			1.33	1.33	6.58	6.37				
Excess Return			(0.66)	(0.66)	2.26	7.62				
Ashmore Emerging Markets Local Currency Bond Fund	18,774,802	0.89	0.66	0.66	8.61	6.16	(1.99)	(1.47)		01-Mar-2011
JP Morgan GBI-EM Global Diversified			1.17	1.17	7.75	4.03	(2.59)	(1.58)		
Excess Return			(0.50)	(0.50)	0.86	2.14	0.60	0.10		
Private Debt	16,298,695	0.78	(0.29)	(0.29)	(20.71)	(19.42)				01-Jan-2016
Barclays Global High Yield +2%			1.90	1.90	5.65	13.60				
Excess Return			(2.19)	(2.19)	(26.36)	(33.02)				
Highland Capital Management Note Due 12-31-2017	6,215,935	0.30	0.00	0.00	0.00	4.40	1.27	12.67		01-Dec-2006
Highland Crusader Fund LP	2,594,227	0.12	(1.73)	(1.73)	(4.07)	(29.69)	(7.71)	(3.35)		01-Aug-2003
Oaktree Fund IV & 2x Loan Fund	162,273	0.01	0.00	0.00	(85.32)	(84.91)	(51.32)	(32.68)		01-Jan-2002
Riverstone Credit Partners LP	7,326,260	0.35	0.00	0.00	1.54					01-Jun-2016



Dallas Police and Fire Pension System - Net of Fees

Asset Allocation As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,099,150,990	100.00	0.27	0.27	0.58	1.81	(3.38)	1.12		01-Jan-1995
Global Asset Allocation (GAA)	136,792,548	6.52	(0.54)	(0.54)	2.83	12.06	3.98	4.43		01-Jul-2007
GAA Blended			1.19	1.19	5.29	7.02	3.09	5.16		
Excess Return			(1.73)	(1.73)	(2.46)	5.04	0.89	(0.73)		
Absolute Return	36,890,529	1.76	(3.91)	(3.91)	(3.48)					01-Jun-2016
HFRX Absolute Return Index			0.31	0.31	0.96					
Excess Return			(4.22)	(4.22)	(4.43)					
Bridgewater-Pure Alpha Major Markets	36,890,529	1.76	(3.91)	(3.91)	(3.48)					01-Jul-2016
Risk Parity	78,223,784	3.73	0.65	0.65	5.14	11.57				01-Jan-2016
MSCI ACWI 60%/Barclays Global Aggregate 40%			1.41	1.41	6.40	8.35				
Excess Return			(0.76)	(0.76)	(1.26)	3.22				
Bridgewater All Weather	41,635,758	1.98	1.30	1.30	4.96	11.62	4.18	4.83		01-May-2007
Putnam Total Return	26 599 026	1.74	(0.08)	(0.08)	5.44	10.30	2.37	3.87		01-Dec-2009
Putham Total Return	36,588,026	1.74	(0.08)	(0.08)	5.44	10.30	2.37	3.07		01-Dec-2009
GTAA	21,678,235	1.03	1.17	1.17	6.14	7.05				01-Jan-2016
MSCI ACWI 60%/Barclays Global Aggregate 40%	21,070,200	1.00	1.41	1.41	6.40	8.35				01-001-2010
Excess Return			(0.25)	(0.25)	(0.26)	(1.30)				
			(0.20)	(0.20)	(0.20)	(1.00)				
GMO	21,678,235	1.03	1.17	1.17	6.14	7.05	1.72	3.96		01-May-2007
										•

Dallas Police and Fire Pension System - Net of Fees

Real Assets As of April 2017

Name	Market Value	Allocation	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year	Inception Date
Dallas Police And Fire Group Trust	2,099,150,990	100.00	0.27	0.27	0.58	1.81	(3.38)	1.12		01-Jan-1995
Real Assets	940,829,705	44.82	0.55	0.55	(0.08)	(2.52)				01-Jan-2016
Natural Resources	268,711,419	12.80	2.17	2.17	1.77	4.66	3.85	6.10		01-Jul-2009
Infrastructure	172,256,725	8.21	(0.53)	(0.53)	1.94	(0.69)	(2.21)			01-Jul-2012
S&P Global Infrastructure Index			1.69	1.69	9.77	11.01	4.25			
Excess Return			(2.22)	(2.22)	(7.83)	(11.69)	(6.46)			
	4 101 220	0.20	0.00	0.00	(6.59)	(19.03)	(13.45)			01-Mar-2014
J.P. Morgan AIRRO II	4,181,328	0.20	0.00	0.00	(6.59)	(19.03)	(13.45)			01-10181-2014
JP Morgan Global Maritime Investment Fund	27,242,074	1.30	(3.38)	(3.38)	(3.38)	(27.85)	(18.93)	(35.91)		01-Jun-2010
JP Morgan IIF Tax-Exempt LP	30,174,026	1.44	0.00	0.00	(0.49)	0.63	1.28	3.48		01-Oct-2007
JPM Asian Infras And Related Resources Oppor Fd	23,687,717	1.13	0.00	0.00	23.30	23.76	5.30	6.23		01-Aug-2008
LBJ Infrastructure Group Holdings LLC	44,346,035	2.11	0.00	0.00	0.00	0.00	0.00	0.00		01-Jun-2010
NTE Mobility Partners	42,625,545	2.03	0.00	0.00	0.00	0.00	0.00	0.00		01-Dec-2009
Real Estate	499,861,561	23.81	0.06	0.06	(1.63)	(6.15)				01-Jan-2016
NCREIF Property			0.00	0.00	1.55	7.27				
Excess Return			0.06		(3.18)	(13.42)				



Disclaimer

Copyright © 2014 JPMorgan Chase & Co. All rights reserved.

This report is provided exclusively for the purpose of assisting the customer in monitoring the investment performance of its accounts. J.P. Morgan is providing a reporting service to the customer to assist it in the management of the accounts and, in doing so, is not acting in a fiduciary capacity for the accounts. J.P. Morgan has no responsibility for the selection, monitoring or termination of any investment manager with respect to any of the accounts. The reports are not intended to be considered the rendering of investment advice or in any way to influence any investment decisions or the selection of any investment managers for the accounts. The customer assumes sole responsibility for its use of the reports.

This report contains information that is the property of J.P. Morgan and/or its content providers, and is intended for use by the investment officers of our institutional clients. J.P. Morgan makes no warranty, express or implied, concerning the accuracy or completeness of this information and the information in this report should not be relied on in substitution for the exercise of independent judgment by any recipient. This report may not be copied, published, or used in whole or in part with third-parties for any purposes other than expressly authorized by J.P. Morgan.

The information furnished in this report may contain data obtained from third-party sources that J.P. Morgan believes to be reliable. However, J.P. Morgan makes no warranty, express or implied, concerning the accuracy or completeness of third-party data. Where J.P. Morgan relies on accounting, pricing and associated security data – or instructions for what accounts comprise composites – by the customer or its third party administrators, J.P. Morgan takes no responsibility for the accuracy of such information.

Third-party data is the intellectual property of those vendors and is subject to restrictions contained in the licenses, which J.P. Morgan cannot unilaterally change. If the third party supplier adds additional restrictions to data use, J.P. Morgan shall use reasonable efforts to notify the customer of such changes in writing. Customer's continued use of the report after receipt of notice shall constitute customer's acceptance of the revised usage provision.

The information contained in this report may be subject to change from time to time without prior notice to the Customer, for reasons including, but not limited to, the subsequent restating of accounting information or index returns.

The information furnished in this report does not constitute the provision of 'financial product advice' as defined under the Corporations Act 2001 (Cth) and does not take into account the financial situation, needs or objectives of individuals in Australia.

The information furnished in this report is available in New Zealand solely to persons who are wholesale clients for the purposes of the Financial Advisers Act 2008. If you do not meet this criterion, you are not entitled to this report.

J.P. Morgan shall not be liable to the customer or any other person for any direct or indirect liability, loss, claim, cost, damage, penalty, fine, obligation or expense of any kind whatsoever suffered or incurred by, or asserted against, the customer or any other person howsoever arising, whether in tort (including negligence), in contract or under statute, directly from, or in connection with, the use of this report or report information, for any trading decision.

The Global Industry Classification Standard ("GICS") was developed by and is the exclusive property and a service mark of Morgan Stanley Capital International Inc. ("MSCI") and Standard's, a division of The McGraw-Hill Companies, Inc. ("S&P") and is licensed for use by The JPMorgan Chase & Co. and its wholly owned subsidiaries.

Neither MSCI, S&P, nor any other party involved in making or compiling the GICS or any GICS classifications makes any express or implied warranties or representations with respect to such standard or classification (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability and fitness for a particular purpose with respect to any of such standard or classification. Without limiting any of the foregoing, in no event shall MSCI, S&P, any of their affiliates or any third party involved in making or compiling the GICS or any GICS classifications have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages.

Standard and Poor's including its subsidiary corporations ("S&P") is a division of the McGraw-Hill Companies, Inc. Reproduction of S&P Index Alerts in any form is prohibited except with the prior written permission of S&P. Because of the possibility of human or mechanical error by S&P sources, S&P, or others, S&P does not guarantee the accuracy, adequacy, completeness or availability of any information and is not responsible for any errors or omissions or for the results obtained from the use of such information. S&P gives not express or implied warranties, including, but not limited to, any warranties or merchantability of fitness for a particular purpose or use. In no event shall S&P be liable for any indirect, special or consequential damages in connection with subscriber's or others' use of S&P Index Alerts.

The recipient of the credit ratings data (in any format other than locked, non-manipulable on-screen display) must ensure that a valid and fully paid license with the relevant credit ratings agency is in existence as at the time of receipt and throughout the period during which recipient retains or uses such credit ratings data.

This may contain information obtained from third parties, including ratings from credit ratings agencies such as Standard & Poor's. Reproduction and distribution of third party content in any form is prohibited except with the prior written permission of the related third party. Third party content providers do not guarantee the accuracy, completeness, timeliness or availability of any information, including ratings, and are not responsible for any errors or omissions (negligent or otherwise), regardless of the case, or for the results obtained from the use of such content. THIRD PARTY CONTENT PROVIDERS GIVE NO EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARE, indirect, indirect, indirect, indirect, indirect, indirect, indirect, indirect, indirect, credit ratings are statements of opinions and are not statements of fact or recommendations to purchase, hold or sell securities. They do not address the suitability of securities or the suitability of securities or the suitability of securities or the suitability of securities for investment purchase, and shore where the divide.

Neither JPMorgan Chase & Co nor any of its affiliates, subsidiaries, or third party suppliers ("JPMorgan") accepts any liability for any losses, costs, claims, damages, liabilities or expenses (including, without limitation, loss of profits) (collectively, "Losses") which the recipient may incur as a result of its use of the data or its failure to hold a valid and fully paid license with the relevant credit rating agencies." SM

Copyright MSCI 2014. Unpublished. All Rights Reserved. This information may only be used for your internal use, may not be reproduced or redisseminated in any form and may not be used to create any financial instruments or products or any indices. This information is provided on an "as is" basis and the user of this information assumes the entire risk of any use it may make or permit to be made of this information. Neither MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information, all warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information indives any express or involved in or related to compiling, any of its affiliates or any other person hereby expressed, disclaim and MSCI, its affiliates or any other person involved in or related to compiling, computing or creating this information have any liability for any direct, indirect, special, incidental, punitive, consequential or any other damages (including, without limitation, lost profits) even if notified of, or if it might otherwise have anticipated, the possibility of such damages.

FTSE (is a trade mark of London Stock Exchange Plc and The Financial Times Limited and is used by FTSE under license. All rights in the FTSE Indices vest in FTSE and/or its licensors. Neither FTSE nor its licensors accept any liability for any errors or omissions in the FTSE Indices or underlying data.

The Industry Classification Benchmark is a joint product of FTSE International Limited and Dow Jones & Company, Inc. and has been licensed for use. "FTSE" is a trade and service mark of London Stock Exchange and The Financial Times Limited."Dow Jones" and "DJ" are trade and service marks of Dow Jones Inc. FTSE and Dow Jones & Company do not accept any liability to any person for any loss or damage arising out of any error or omission in the ICB.

The Dow Jones Wilshire IndexesSM are calculated, distributed and marketed by Dow Jones & Company, Inc. pursuant to an agreement between Dow Jones and Wilshire and have been licensed for use. All content of the Dow Jones Wilshire IndexesSM © 2011 Dow Jones & Company, Inc. and Wilshire Associates Incorporated.

Frank Russell Company ("FRC") is the source and owner of the Russell Index data contained or reflected in this material and all trademarks and copyrights related thereto. The presentation may contain confidential information and unauthorized use, disclosure, copying, dissemination or redistribution is strictly prohibited. This is a USER presentation of the Russell Index data. Frank Russell Company is not responsible for the formatting or configuration of this material or for any inaccuracy in USER's presentation thereof.

The Merrill Lynch Indices are used with permission. Copyright 2011, Merrill Lynch, Pierce, Fenner & Smith Incorporated. All rights reserved. The Merrill Lynch Indices may not be copied, used, or distributed without Merrill Lynch's prior written approval. Merrill Lynch does not guarantee the quality, accuracy and/or completeness of the Merrill Lynch indices or any data included therein or derived therefrom and shall not be liable to any third party in connection with their use.

© UBS 2011. All rights reserved. The name UBS Global Convertible Bond Index and the names of the related UBS AG sub-indices (together the "UBS Indices") are proprietary to UBS AG ("UBS"). UBS and MACE Advisers Ltd (the UBS Global Convertible Bond Index Calculation Agent) are together the "Index Parties". SM

© IPD (Investment Property Databank Ltd.) 2011 All rights conferred by law of copyright, by virtue of international copyright conventions and all other intellectual property laws are reserved by IPD. No part of the Mercer / IPD Australian Pooled Property Fund Index - Wholesale Core may be reproduced or transmitted, in any form or by any means, without the prior written consent of IPD. This index is neither appropriate nor authorized by IPD for use as a benchmark for portfolio or manager performance, or as the basis for any business decision. IPD gives no warranty or representation that the use of this information will achieve any particular result for you. Neither Mercer nor IPD has any liability for any losses, damages, costs or expenses suffered by any person as a result of any reliance on this information.

The NZX indices referred to in this report are the property of NZX Limited ("NZX"). Any adaptation, reproduction or transmittance of the data or contents of the NZX indices in any form or by any means other than for private use is prohibited without the prior written permission of NZX. NZX and its affiliates, directors, officers, agents or employees do not make any warranty of any kind, either express or implied, as to the accuracy of the content of the NZX indices or fitness for a particular purpose or use. NZX hereby disclaims all liability to the maximum extent permitted by law in relation to the NZX indices. Neither NZX, its subsidiary companies, nor their directors, officers, agents or employees shall, under any circumstances, be liable to any person for any direct, indirect, consequential,



Disclaimer

incidental, special or punitive damages, howsoever arising (whether in negligence or otherwise), out of or in connection with the content, any omission from the content, any use of the content or any actions taken or reliance by any person thereon.

Barclays Capital is the source of its respective indices. DAX indices are registered trademarks of Deutsche Borse AG. Fixed income risk characteristics provided by BlackRock Solutions. Trust Universe Comparison Service ® and TUCS ®.

Citigroup is the source of its respective indices. TSX Copyright 2014 TSX Inc. All Rights Reserved. Hang Seng Indexes Company Limited is the source of its respective indices.

The calculation of Value-at-Risk requires numerous assumptions that should be kept in mind when interpreting it. These limitations include but are not limited to the following: VaR measures may not appropriately convey the magnitude of sudden and unexpected extreme events, historical data that forms the basis of VaR may fail to predict content and future market volatility, and our VaR methodology does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not funcy reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the effects of market illiquidity (the inability to sell or hedge a position over a relatively long period) and does not fully reflect the

The information furnished in this report may be based in part on services provided by Algorithmics (U.S.), Inc. and/or its affiliates ("Algorithmics"). Algorithmics does not make any express or implied warranty or representation regarding its services or contributions to this report, including any warranty of originality, accuracy, completeness, merchantability or fitness for a particular purpose, nor shall its services or contributions to this report be construed as providing any financial advice, auditing, accounting, appraisal, regulatory or compliance services. Algorithmics is not responsible for the data or assumptions that are processed through Algorithmics' services nor can Algorithmics guarantee the accuracy or validity of data received from third parties that enables the service to generate the information contained in this report. In no event shall Algorithmics are indirect, special, punitive, consequential or any other damages arising out or relating to its services or contributions to this report, the recipient is agreeing to the foregoing limitations on Algorithmics' responsibility and liability.

Please review this report carefully. The contents of this report will be considered correct and the recipient will be taken to have read, accepted and acknowledged the correctness and accuracy of this report, if no error is reported by the recipient within 3 business days of the issue of this report.