Police Pension Board Report 2.2

-Pension Report 2.2

-Investment Report 2.2a

Barrington Hills Police Pension Fund

Year-End Close Adjustments

For the Fiscal Year Ended December 31, 2016

Included as of the Month Ended February 28, 2017

Prepared By



www.lauterbachamen.com

MEMO

TO: Members of the Pension Board of Trustees

FROM: Sherry Lauterbach

RE: Year End Close Adjustment

This memo is intended to inform you of the agreed upon year end close adjustments that were recorded in the current month's financial statements. These are non-cash adjustments and are not related to the portfolio's market value.

More precisely, this month adjusting entries from the previous fiscal year end were posted. These adjustments would include accrued interest, due/unpaid expenses, prepaids and any other adjustments necessary to complete the audit workpapers. These closing adjustments occur on an annual basis.

The only real affect of these adjustments is to fund balance. A prior year adjustment would update the fund balance to reflect the most accurate position as of the previous year end.

Should you have any questions, please feel free to contact A.J. Weber or Susan Hill at 630.393.1483.

Cordially,

Lauterback & amen, LLP

Lauterbach & Amen, LLP

Barrington Hills Police Pension Fund Year End Close Adjustments Journal As of Fiscal Year Ended December 31, 2016

Reference	Account	ccount Description		Credit
Journal: Y/	E Adjustme	nts		
YEadj	20-110-00	YE 1 - To reverse FYE 2015 accruals	10,044.72	0.00
YEadj	52-150-01	YE 1 - To reverse FYE 2015 accruals	2,165.00	0.00
YEadj	52-290-26	YE 1 - To reverse FYE 2015 accruals	250.00	0.00
YEadj	18-100-00	YE 1 - To reverse FYE 2015 accruals	0.00	(2,415.00)
YEadj	52-170-05	YE 1 - To reverse FYE 2015 accruals	0.00	(4,058.01)
YEadj	52-190-01	YE 1 - To reverse FYE 2015 accruals	0.00	(5,986.71)
YEadj	18-100-00	YE 2 - To record FYE 2016 prepaid - NCPERS dues	250.00	0.00
YEadj	52-290-26	YE 2 - To record FYE 2016 prepaid - NCPERS dues	0.00	(250.00)
YEadj	18-100-00	YE 3 - To record FYE 2016 prepaid - fiduciary insurnace 10 months	2,279.17	0.00
YEadj	52-150-01	YE 3 - To record FYE 2016 prepaid - fiduciary insurnace 10 months	0.00	(2,279.17)
YEadj	52-170-03	YE 4 - To record FYE 2016 due/unpaid - Nov acct services	425.00	0.00
YEadj	20-110-00	YE 4 - To record FYE 2016 due/unpaid - Nov acct services	0.00	(425.00)
YEadj	52-190-01	YE 5 - To record FYE 2016 due/unpaid - advisor fee	6,722.17	0.00
YEadj	20-110-00	YE 5 - To record FYE 2016 due/unpaid - advisor fee	0.00	(6,722.17)
YEadj	52-170-05	YE 6 - To record FYE 2016 due/unpaid - legal services	6,546.07	0.00
YEadj	20-110-00 YE 6 - To record FYE 2016 due/unpaid - legal services		0.00	(6,546.07)
		_ =	28,682.13	(28,682.13)

Barrington Hills Police Pension Fund

Monthly Financial Report

For the Month Ended

February 28, 2017

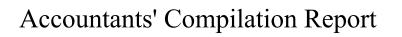
Prepared By



Barrington Hills Police Pension Fund

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Lauterbach & Amen, LLP

CERTIFIED PUBLIC ACCOUNTANTS

March 17, 2017

Barrington Hills Police Pension Fund 112 Algonquin Road Barrington Hills, IL 60010-5102

To Members of the Pension Board:

Management is responsible for the accompanying statement of net position - modified cash basis of the Barrington Hills Police Pension Fund as of February 28, 2017 and the related statement of changes in net position - modified cash basis for the two months then ended and determining that the modified cash basis of accounting is an acceptable financial reporting framework. We have performed the compilation engagement in accordance with Statements for Standards and Review Services promulgated by the Accounting and Review Services Committee of the American Institute of Certified Public Accountants. We did not audit or review the accompanying financial statements nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on the financial statements.

The financial statements are prepared in accordance with the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America.

Management has elected to omit substantially all of the disclosures included in financial statements prepared in accordance with the modified cash basis of accounting. If the omitted disclosures were included in the financial statements and other supplementary information, they might influence the user's conclusions about the Pension Fund's assets, liabilities, net position, additions and deductions. Accordingly, these financial statements and other supplementary information are not designed for those who are not informed about such matters.

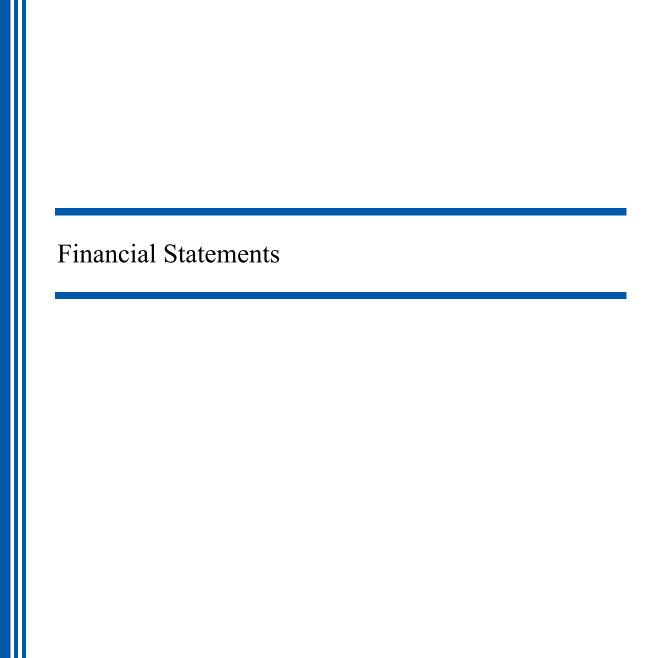
Other Matter

The other supplementary information is presented for purposes of additional analysis and is not a required part of the basic financial statements. This information is the representation of management. The information was subject to our compilation engagement. We have not audited or reviewed the other supplementary information nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on the other supplementary information.

We are not independent with respect to the Barrington Hills Police Pension Fund.

Cordially, Lauterback & amen, LLP

Lauterbach & Amen. LLP



Barrington Hills Police Pension Fund Statement of Net Position - Modified Cash Basis As of February 28, 2017

<u>Assets</u>		
Cash and Cash Equivalents	\$	30,225.92
Investments at Fair Market Value		
Money Market Mutual Funds		247,647.95
Illinois Funds		101,082.14
Fixed Income		4,744,739.51
Mutual Funds		4,196,702.53
Total Cash and Investments		9,320,398.05
Accrued Interest		18,136.03
Due from Municipality		57,753.85
Prepaids		2,529.17
Total Assets	_	9,398,817.10
<u>Liabilities</u>		
Expenses Due/Unpaid	_	13,693.24
Total Liabilities		13,693.24
Net Position Held in Trust for Pension Benefits		9,385,123.86

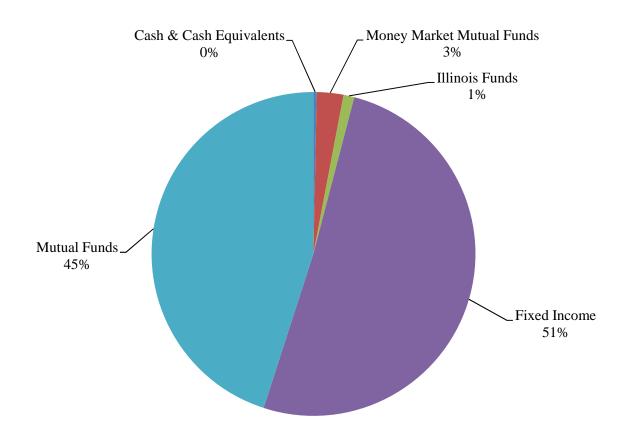
Barrington Hills Police Pension Fund Statement of Changes in Net Position - Modified Cash Basis For the Two Months Ended February 28, 2017

Additions	
Contributions - Municipal	\$ 50,623.56
Contributions - Members	26,951.43
Total Contributions	77,574.99
Investment Income	
Interest and Dividends Earned	16,361.08
Net Change in Fair Value	237,097.17
Total Investment Income	253,458.25
Less Investment Expense	(6,722.17)
Net Investment Income	246,736.08
Total Additions	324,311.07
<u>Deductions</u>	
Administration	8,191.07
Pension Benefits and Refunds	
Pension Benefits	73,061.92
Refunds	
Total Deductions	81,252.99
Change in Position	243,058.08
Net Position Held in Trust for Pension Benefits	
Beginning of Year	9,142,065.78
End of Period	9,385,123.86

Other Supplementary Information

Barrington Hills Police Pension Fund

Cash and Investments

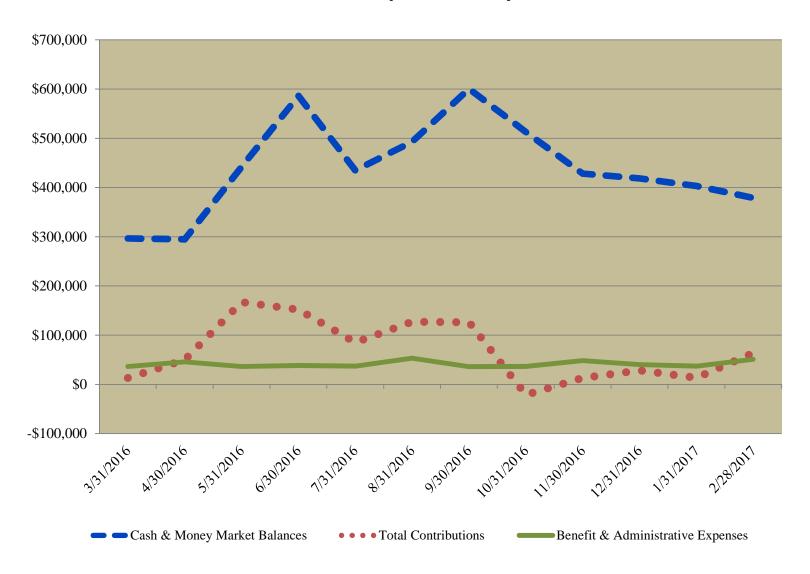


Barrington Hills Police Pension Fund Cash Analysis Report For the Twelve Periods Ending February 28, 2017

Financial Institutions		03/31/16	04/30/16	05/31/16	06/30/16	07/31/16	08/31/16	09/30/16	10/31/16	11/30/16	12/31/16	01/31/17	02/28/17
Harris Bank - CK	#321-494-7	\$ 10,000	350	13,934	7,261	22,520	22,520	9,575	10,000	10,000	10,000	23,501	30,226
		10,000	350	13,934	7,261	22,520	22,520	9,575	10,000	10,000	10,000	23,501	30,226
Schwab - MM	#7469-8825	46,783	47,908	62,464	220,452	18,661	99,896	204,585	136,081	98,488	102,845	109,314	121,049
Schwab - MM	#1225-7340	85,450	78,567	80,274	106,396	108,051	85,975	98,592	99,811	101,258	123,592	125,084	126,599
Illinois Funds - MM	#1600005798	78,597	154,404	285,429	123,134	213,335	170,579	174,857	266,958	218,658	182,181	145,312	101,082
Illinois Funds - MM - Re	econciling	75,772	13,742	-	129,093	72,299	114,182	113,081	-	-	-	-	-
		286,602	294,621	428,167	579,075	412,346	470,632	591,115	502,850	418,404	408,618	379,710	348,730
Total		<u>296,602</u>	294,971	442,101	586,336	434,866	493,152	600,690	512,850	428,404	418,618	403,211	378,956
Contrib	utions												
Current Tax - Village		-	36,176	154,527	138,041	72,299	114,182	113,081	(34,490)	-	15,325	-	50,624
Contributions - Current	Year	13,346	13,742	12,720	13,947	13,197	13,098	13,098	13,346	13,098	13,197	13,501	13,451
		13,346	49,918	167,247	151,988	85,496	127,280	126,179	(21,144)	13,098	28,522	13,501	64,075
Exper	<u>ises</u>												
Pension Benefits		35,566	35,566	35,566	35,566	35,566	35,566	35,566	35,566	35,566	35,566	36,531	36,531
Refunds/Transfers of Ser	rvice	838	-	-	-	-	-	-	-	-	-	-	-
Administration			10,260	850	2,739	1,300	17,645	425	830	12,821	4,529	425	14,488
		36,404	45,826	36,416	38,305	36,866	53,211	35,991	36,396	48,387	40,095	36,956	51,019
Total Cantributions les	g Evnangag	(23.058)	4 002	120 921	112 602	10 620	74 040	00 100	(57.540)	(35,289)	(11.572)	(22.455)	12.056
Total Contributions less Expenses		(23,058)	4,092	130,831	113,683	48,630	74,069	90,188	(57,540)	(35,289)	(11,573)	(23,455)	13,056

Barrington Hills Police Pension Fund

Cash Analysis Summary

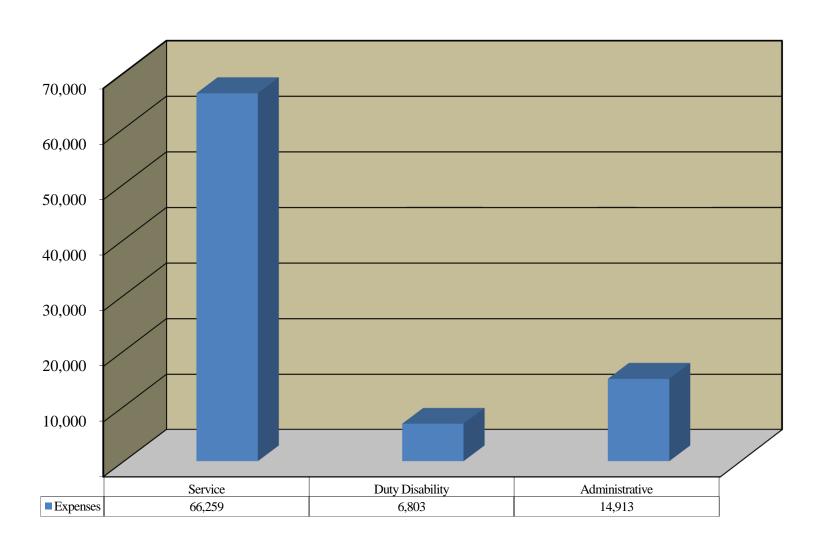


Barrington Hills Police Pension Fund Revenue Report as of February 28, 2017

		Received this Month	Received this Year
Contributions			
Contributions - Municipal			
41-210-00 - Current Tax - Village		\$ 50,623.56	50,623.56
		50,623.56	50,623.56
Contributions - Members			
41-410-00 - Contributions - Current Year		13,450.86	26,951.43
		13,450.86	26,951.43
Total Contributions		64,074.42	77,574.99
Investment Income			
Interest and Dividends			
43-106-01 - Illinois Funds - Money Market	#1600005798	64.02	150.49
43-252-01 - Schwab - Fixed Income	#7469-8825	11,735.24	18,204.50
43-550-03 - Schwab - Stock Equities	#1225-7340	1,514.74	3,006.52
		13,314.00	21,361.51
Gains and Losses			
44-252-01 - Schwab - Fixed Income	#7469-8825	11,243.46	18,400.10
44-550-03 - Schwab - Stock Equities	#1225-7340	116,594.41	218,697.07
		127,837.87	237,097.17
Other Income			
45-200-00 - Accrued Interest		(5,133.03)	(5,000.43)
		(5,133.03)	(5,000.43)
Total Investment Income		136,018.84	253,458.25
Total Revenue		200,093.26	331,033.24

Barrington Hills Police Pension Fund

Pension Benefits and Expenses



Barrington Hills Police Pension Fund Expense Report as of February 28, 2017

	Expended <u>this Month</u>	Expended <u>this Year</u>	
Pensions and Benefits			
51-020-00 - Service Pensions	\$ 33,129.62	66,259.24	
51-040-00 - Duty Disability Pensions	3,401.34	6,802.68	
Total Pensions and Benefits	36,530.96	73,061.92	
Administrative			
Professional Services			
52-170-03 - Accounting & Bookkeeping Services	425.00	850.00	
52-170-05 - Legal Services	6,546.07	6,546.07	
	6,971.07	7,396.07	
Investment			
52-190-01 - Investment Manager/Advisor Fees	6,722.17	6,722.17	
	6,722.17	6,722.17	
Other Expense			
52-290-26 - Association Dues	795.00	795.00	
	795.00	795.00	
Total Administrative	14,488.24	14,913.24	
Total Expenses	51,019.20	87,975.16	

Barrington Hills Police Pension Fund Member Contribution Report As of Month Ended February 28, 2017

		Thru Prior Fiscal	Current Fiscal	Service		Total
Name		Year	Year	Purchase	Refunds	Contributions
Baird, Brian D.	\$	104,773.91	1,549.55	0.00	0.00	106,323.46
Borck, Todd M.	Φ	122,043.62	1,817.58	0.00	0.00	123,861.20
·		*	•			*
Caputo, Dominic V.		137,688.34	1,549.56	0.00	0.00	139,237.90
Colditz, Joseph S.		137,628.23	1,956.08	0.00	0.00	139,584.31
Currie, Jason D.		55,804.39	1,599.10	0.00	0.00	57,403.49
Deutschle, Gary A.		84,425.90	1,549.55	0.00	0.00	85,975.45
Hensler, Jeremy J.		89,439.74	1,549.55	0.00	0.00	90,989.29
Johnson, Mark E.		73,986.36	1,549.55	0.00	0.00	75,535.91
Kann, David M.		122,613.55	1,817.58	0.00	0.00	124,431.13
McKinney, Patrick J.		89,676.87	1,549.55	0.00	0.00	91,226.42
Parada, Sabas N.		81,452.63	1,549.55	0.00	0.00	83,002.18
Riedel, Ronald W.		129,788.78	1,817.58	0.00	0.00	131,606.36
Ruffin, Ronald L.		87,662.73	1,549.55	0.00	0.00	89,212.28
Semelsberger, Richard W.		161,398.08	2,128.04	0.00	0.00	163,526.12
Stokes, Erik E.		117,557.61	1,549.55	0.00	0.00	119,107.16
Underwood, Curt A.		138,915.67	1,869.51	0.00	0.00	140,785.18
Totals		1,734,856.41	26,951.43	0.00	0.00	1,761,807.84

Multiple Batch Report

Check Date

2/28/2017 1

SSN	Family ID	Employee Name Alt Payee Name	ACH Check#	Net Amount	Member Gross	Federal Tax
Duty Disabi	ility					
***-**1358						
	100511	Fernandez, Alexander	✓ 0	\$3,401.34	\$3,401.34	\$0.00
			***-**1358 Subtotal:	\$3,401.34	\$3,401.34	\$0.00
			Duty Disability Subtotal:	\$3,401.34	\$3,401.34	\$0.00
<u>Service</u>						
***-**1074						
	100513	Gallagher, Michael B.	v 0	\$4,938.27	\$5,944.04	\$1,005.77
			***-**1074 Subtotal:	\$4,938.27	\$5,944.04	\$1,005.77
***-**2873						
	103734	Hammelmann, Gary A.	✓ 0	\$5,396.57	\$6,130.28	\$733.71
			***-**2873 Subtotal:	\$5,396.57	\$6,130.28	\$733.71
***-**1667						
	103733	Murphy, Michael N.	v 0	\$6,871.00	\$8,656.22	\$1,785.22
			***-**1667 Subtotal:	\$6,871.00	\$8,656.22	\$1,785.22
***-**6816						
	100512	Prinner, Terry L.	v 0	\$4,541.24	\$5,517.62	\$976.38
			***-**6816 Subtotal:	\$4,541.24	\$5,517.62	\$976.38
***-**0193						
	100510	Schuld, Alfred W.	✓ 0	\$5,935.07	\$6,881.46	\$946.39
			***-**0193 Subtotal:	\$5,935.07	\$6,881.46	\$946.39

Grand Total

6

\$31,083.49

\$36,530.96

Multiple Batch Report

Check Date 2/28/2017 1

\$5,447.47

SSN	Family ID	Employee Name	ACH	Check #	Net Amount	Member	Federal	
		Alt Payee Name				Gross	Tax	
		•						_

Service Subtotal: \$27,682.15 \$33,129.62 \$5,447.47

Totals				
ACH Flag	Payments	Net Payment Total	Gross	Federal Tax
Yes	6	\$31,083.49	\$36,530.96	\$5,447.47
No	0	\$0.00	\$0.00	\$0.00

Barrington Hills Police Pension Fund Quarterly Vendor Check Report

All Bank Accounts
December 1, 2016 - February 28, 2017

	Check		Invoice	Check
Date	Number	Vendor Name	Amount	Amount
10/10/16	20002			
12/12/16	30093	Lauterbach & Amen, LLP	200.00	
		52-170-03 #18752 10/16 Accounting Service	380.00	
		52-170-03 #18752 10/16 Payroll Service	45.00	
		52-170-03 #19245 FYE15 MCR	570.00	005.00
			ACH Amount (Direct Deposit) _	995.00
12/30/16	30094	Internal Revenue Service		
		20-230-00 Internal Revenue Service	5,268.39	
			ACH Amount (Direct Deposit) _	5,268.39
01/04/17	30095	Lauterbach & Amen, LLP		
01/04/17	30073	52-170-03 #19469 11/16 Accounting Services	380.00	
		52-170-03 #19469 11/16 Payroll Services	45.00	
		32 170 03 117107 11710 1 ayron services	ACH Amount (Direct Deposit)	425.00
			` <u> </u>	
01/31/17	30096	Internal Revenue Service		
		20-230-00 Internal Revenue Service	5,447.47	
			ACH Amount (Direct Deposit) _	5,447.47
02/06/17	30097	Lauterbach & Amen, LLP		
		52-170-03 #19908 12/16 Accounting Service	380.00	
		52-170-03 #19908 12/16 Payroll Service	45.00	
		·	ACH Amount (Direct Deposit) _	425.00
02/07/17	20008	IDDE A		
02/07/17	30098	52-290-26 2017 Association Dues	795.00	
		32-290-20 2017 Association Dues	ACH Amount (Direct Deposit)	795.00
			ACII Amount (Direct Deposit)	773.00
02/07/17	30099	Robbins Schwartz Nicholas Lifton		
		52-170-05 Board Governance	1,744.36	
		52-170-05 Board Governance Previous Balance	1,921.81	
		52-170-05 FOIA Requests	180.00	
		52-170-05 Finance Previous Balance	363.65	
		52-170-05 Investment Advisor	2,246.25	
		52-170-05 Stokes Disability	90.00	
			ACH Amount (Direct Deposit) _	6,546.07
02/07/17	30100	Wall & Associates		
		52-190-01 4Q16 Management/Advisor Fee	6,722.17	
			ACH Amount (Direct Deposit)	6,722.17
00/00/4	20101	T. ID. C. I	_ · · · <u>_</u>	
02/28/17	30101	Internal Revenue Service		
		20-230-00 Internal Revenue Service	5,447.47	5 447 47
			ACH Amount (Direct Deposit) _	3,441.41
			Total Payments _	32,071.57



As of Date: 3/31/2017

4/20/2017

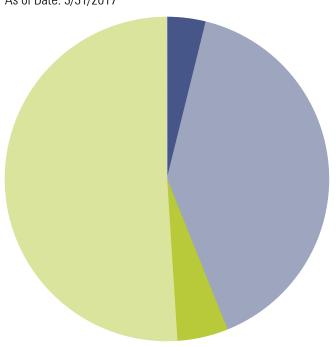
Barrington Hills Police Pension
Fund

Account Aggregate

Currency: USD

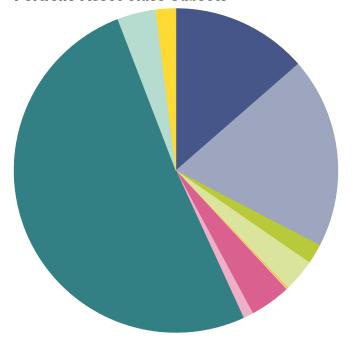
Portfolio Asset Allocation





	%
Cash	3.86
US Stock	40.06
Non US Stock	5.07
Bonds	51.01
Other	0.01
Total	100.00

Portfolio Asset Class Subsets



	/0
US Large Cap Growth	13.59
US Large Cap Value	19.05
US Mid Cap Growth	1.97
US Mid Cap Value	3.27
US Small Cap Growth	0.12
US Small Cap Value	0.08
Non-US Dev Stock	4.06
Non-US Emrg Stock	1.01
US Inv Grade Bonds	51.01
US High Yield Bonds	0.00
Non-US Bonds	0.00
Cash & Equivalents	3.86
Real Estate	1.98
Total	100.00

Performance Summary

Net of Fees	Date Range 1/1/2017 - 3/31/2017	Client Name Barrington Hills Police Pension Fund	Account Name Account Aggregate	Account Number	Currency USD
Portfolio Summary					
Beginning Market Value	9,112,963	3.10			
Beginning Accrued Interest	23,243	3.54			
Additions	57,345	5.73			
Withdrawals	-104,280	0.04			
Period Realized Gains/Losses ³	197,782	2.27			
Period Unrealized Gains/Losses ²	13,765	5.92			
Interest Income	26,418	3.11			
Dividend Income	19,685	5.93			
Management Fees	-6,722	2.17			
Ending Market Value	9,316,958	3.85			
Ending Accrued Interest	16,543	3.12			
Total Gain after Management Fees	244,229	0.64			
Time Weighted Return %	2	2.75			
Average Annualized Return %		-			
Total Portfolio	11	Mo 3 Mo	YTD	1 Yr 3 Yr	5 Yr
Time Weighted Return % ¹	-0.	02 2.75	2.75 6	.03 3.91	4.61

^{3.} Period Realized Gains/Losses--Realized Gains/Losses generated by all closing positions during the report period based on market value at the end of the day before the first date of the report. For purchases made during the report period, the realized gain/loss is based on cost basis of those purchases.



^{1.} Returns are annualized for periods greater than 1 year.

^{2.} Period Unrealized Gains/Losses--Unrealized Gains/Losses of all securities held in account(s) based on market values at the end of the day before the first date of the report. For purchases made during the report period, the unrealized gain/loss is based on cost basis of those purchases.

Performance Summary

Gross of Fees	Date Range 1/1/2017 - 3/31/2017	Client Name Barrington Hills Police Pension Fund	Account Name Board Liquidity	Account Number	Currency USD
Portfolio Summary					
Beginning Market Value	182,181	.30			
Beginning Accrued Interest	(0.00			
Additions	50,623	3.56			
Withdrawals	-104,280	0.04			
Period Realized Gains/Losses ³	(0.00			
Period Unrealized Gains/Losses ²	(0.00			
Interest Income	216	6.44			
Dividend Income	(0.00			
Management Fees	(0.00			
Ending Market Value	128,741	.26			
Ending Accrued Interest	C	0.00			
Total Gain before Management Fees	216	6.44			
Time Weighted Return %	(0.15			
Average Annualized Return %		-			
Total Portfolio	1	Mo 3 Mo	YTD	1 Yr 3 Yr	5
Time Weighted Return % ¹	0.	05 0.15	0.15	0.43 0.18	0.1

^{3.} Period Realized Gains/Losses--Realized Gains/Losses generated by all closing positions during the report period based on market value at the end of the day before the first date of the report. For purchases made during the report period, the realized gain/loss is based on cost basis of those purchases.



^{1.} Returns are annualized for periods greater than 1 year.

^{2.} Period Unrealized Gains/Losses--Unrealized Gains/Losses of all securities held in account(s) based on market values at the end of the day before the first date of the report. For purchases made during the report period, the unrealized gain/loss is based on cost basis of those purchases.

Barrington Hills Police Pension Fund: Board Liquidity

Portfolio Current Value by Security				Date 3/31/2017		Account Number	Report Cu l USD	rrency
Security Name	Symbol	Units	Unit Cost	Total Cost	Price	Market Value	Percent Asset	Current Yield
Illinois Funds Money Fund	IPTIP	128,741.260	1.02	131,731.26	1.00	128,741.26	100.00	-
Total Portfolio		-	-	131,731.26	-	128,741.26	100.00	0.00



Performance Summary

Gross of Fees	Date Range 1/1/2017 - 3/31/2017	Client Name Barrington Hills Police Pension Fund	Account Nam Barrington HII		ount Number 98825	Currency USD
Portfolio Summary						
Beginning Market Value	4,829,184.	13				
Beginning Accrued Interest	23,243.	54				
Additions	0.	00				
Withdrawals	0.	00				
Period Realized Gains/Losses ³	0.	00				
Period Unrealized Gains/Losses ²	17,835.	48				
Interest Income	26,199.	51				
Dividend Income	0.	00				
Management Fees	0.	00				
Ending Market Value	4,873,219.	11				
Ending Accrued Interest	16,543.	12				
Total Gain before Management Fees	37,334.	56				
Time Weighted Return %	0.	77				
Benchmark Return %	0.	78				
Average Annualized Return %		-				
Annualized Benchmark Return %		-				
T. I.D. (C.		4 014	VTD	4.V	0.1/	
Total Portfolio	1 N	Mo 3 Mo	YTD	1 Yr	3 Yr	5 Y
Time Weighted Return % 1	0.1	0.77	0.77	-0.50	1.77	1.40
BBgBarc US Govt/Credit Interm TR USD $\%$ 1	0.0	0.78	0.78	0.42	2.01	1.88

0.09

0.05

0.08

0.04

0.09

-0.01

0.51

0.26

0.68

0.09

-0.01

0.51

0.26

0.68

0.09

-0.92

0.14

-0.64

0.35

-0.85

-0.24

1.44

0.33

2.25

-0.48

-0.49

1.18

0.21

1.95

-0.56

^{3.} Period Realized Gains/Losses—Realized Gains/Losses generated by all closing positions during the report period based on market value at the end of the day before the first date of the report. For purchases made during the report period, the realized gain/loss is based on cost basis of those purchases.



+/- Benchmark %

+/- Benchmark %

+/- Benchmark %

BBgBarc US Agency Interm TR USD % ¹

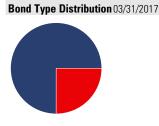
BBgBarc US Agg Interm TR USD % 1

 $^{{\}it 1. Returns are annualized for periods greater than 1 year.}\\$

^{2.} Period Unrealized Gains/Losses--Unrealized Gains/Losses of all securities held in account(s) based on market values at the end of the day before the first date of the report. For purchases made during the report period, the unrealized gain/loss is based on cost basis of those purchases.

Barrington Hills Police Pension Fund: Barrington Hills Fl

Portfolio Fixed Income Report



Credit Quality 03/31/2017



Maturity 03/31/2017

Years	Portfolio %
< 4.00	41.98
4.00-6.00	45.56
> 6.00	12.46

Duration 03/31/2017

Years	Portfolio %
< 3.50	41.98
3.50-6.00	58.02
> 6.00	0.00

Muni State Distribution 03/31/2017

Portfolio %



Interest Rate Simulation Bond Mkt. Value					
			50,000,000		
	\		40,000,000		
	· \		30,000,000		
			20,000,000		
			10,000,000		
			0		
-300		0	300		
Basis Points					

Credit Quality	Yield %
AAA	1.24
AA	0.43
A and BBB	0.00
Below BBB	0.00
NR/NA	0.00
Avg Yield (%)	1.67

Coupon Range 03/31/2017

			Coupon Range	%
			0-4% PIK	100.00
			4-6%	0.00
			6-8%	0.00
			8-10%	0.00
			Above 10%	0.00
0	50	100		

Optionality 03/31/201	7		
	Portfolio %		Portfolio %
None	91.71	With Sink Fund	0.00
With Def Call	0.00	With Put	0.00
With Current Call	8.29	Priced to Put	0.00
Priced to Call	8.29	Amortizing	0.00

Portfolio Value	Bond Mkt. Value	Account Number	Report Currency
4,889,762.23	4,760,718.00	74698825	USD

Portfolio
3.69
4.15
AAA
1.65
0.99
1.67

Interest Rate Sensitivity	Portfolio		
	PORTIONO		
Low	Moderate	High	╛

Sector Weightings 03/31/2017

Cash	0.00	Foreign Govt	0.00
Mortgage ARM	0.00	Foreign Corp	0.00
Mortgage CMO	0.00	Foreign	
Mortgage Pass-Thru	0.00	Corp Inflation-Protected	0.00
Mortgage		Municipal	0.00
US Agencies	74.99	Convertible	0.00
TIPS	0.00	Asset-Backed	0.00
US Treasuries	0.00	US Corporate	25.01
US Government		Credit	
Sector	Portfolio %	Sector	Portfolio %

Bond Regions 03/31/2017

25-50

50-75



> 75%

	AAA	AA and Above	A and BBB	BB and Below	Portfolio
Americas	74.99	12.43	0.00	0.00	87.43
North America	74.99	12.43	0.00	0.00	87.43
Central/Latin	0.00	0.00	0.00	0.00	0.00
Greater Europe	0.00	0.00	0.00	0.00	0.00
United Kingdom	0.00	0.00	0.00	0.00	0.00
Europe-Developed	0.00	0.00	0.00	0.00	0.00
Europe-Emerging	0.00	0.00	0.00	0.00	0.00
Africa/Middle East	0.00	0.00	0.00	0.00	0.00
Greater Asia	0.00	0.00	0.00	0.00	0.00
Japan	0.00	0.00	0.00	0.00	0.00
Australasia	0.00	0.00	0.00	0.00	0.00
Asia-Developed	0.00	0.00	0.00	0.00	0.00
Asia-Emerging	0.00	0.00	0.00	0.00	0.00
Not Classified	4.20	8.38	0.00	0.00	12.57



Barrington Hills Police Pension Fund: Barrington Hills Fl

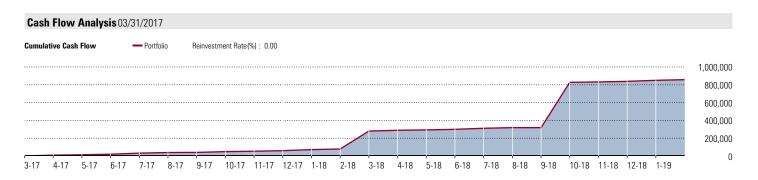
Portfolio Fixed Income Report

Portfolio Value
4,889,762.23

Portfolio Value
4,760,718.00

Account Number
74698825

Report Currency
USD



Cash Flow Analysis	Maturity	Coupon	Interest On Cash Flow	Total Cash Flow	Cum Asset Cash Flow
04-17	0.00	1,125.00	0.00	1,125.00	1,125.00
05-17	0.00	8,837.50	0.00	8,837.50	9,962.50
06-17	0.00	4,355.00	0.00	4,355.00	14,317.50
07-17	0.00	6,468.75	0.00	6,468.75	20,786.25
08-17	0.00	11,734.37	0.00	11,734.37	32,520.62
09-17	0.00	7,087.50	0.00	7,087.50	39,608.12
10-17	0.00	1,125.00	0.00	1,125.00	40,733.12
11-17	0.00	8,837.50	0.00	8,837.50	49,570.62
12-17	0.00	4,355.00	0.00	4,355.00	53,925.62
01-18	0.00	6,468.75	0.00	6,468.75	60,394.37
02-18	0.00	11,734.37	0.00	11,734.37	72,128.75
03-18	0.00	7,087.50	0.00	7,087.50	79,216.25
04-18	200,000.00	1,125.00	0.00	201,125.00	280,341.25
05-18	0.00	8,837.50	0.00	8,837.50	289,178.75
06-18	0.00	4,355.00	0.00	4,355.00	293,533.75
07-18	0.00	6,468.75	0.00	6,468.75	300,002.50
08-18	0.00	11,734.37	0.00	11,734.37	311,736.87
09-18	0.00	7,087.50	0.00	7,087.50	318,824.37
10-18	0.00	0.00	0.00	0.00	318,824.37
11-18	500,000.00	8,837.50	0.00	508,837.50	827,661.87
12-18	0.00	4,355.00	0.00	4,355.00	832,016.87
01-19	0.00	6,468.75	0.00	6,468.75	838,485.62
02-19	0.00	11,734.37	0.00	11,734.37	850,220.00
03-19	0.00	7,087.50	0.00	7,087.50	857,307.50
Total	700,000.00	157,307.50	0.00	857,307.50	857,307.50

Barrington Hills Police Pension Fund: Barrington Hills Fl

Portfolio Fixed Income Report		folio Fixed Income Report Portfolio Value 4,889,762.23				Bond Mkt. V 4,760,718.00		Account Number 74698825		Report Currency USD	
Security Details 03/31/2017											
US Government	CUSIP	Financial Health Grade	Accrued Interest	Market Value	Price	Credit Quality	Yield (%)	Coupon	Effective Maturity	Maturity Date	
FED HOME LN BK 1.875% DUE 03/13/20	313378J77	-	468.75	504,186.75	100.74	AAA	1.86	1.88	2.95	3/13/2020	
FHLB 1.125% DUE 07/14/21	3130A8QS5	-	2,767.19	1,115,773.99	96.78	AAA	1.16	1.13	4.29	7/14/2021	
FHLB 1.375% DUE 02/18/21	3130A7CV5	-	1,313.89	788,187.49	98.36	AAA	1.40	1.38	3.89	2/18/2021	
FNMA 1.625% DUE 11/27/18	3135G0YT4	-	2,798.61	505,473.61	100.54	AAA	1.62	1.63	1.66	11/27/2018	
TENNESSEE VALLEY 1.875% DUE 08/15/22	880591EN8	-	1,523.96	656,594.84	98.51	AAA	1.90	1.88	5.38	8/15/2022	
US Government Total		-	8,872.40	3,570,216.68	98.54	AAA	1.51	1.49	3.84		
Corporate	CUSIP	Financial Health Grade	Accrued	Market Value	Price	Credit Quality	Yield (%)	Coupon	Effective	Maturity	
0M 00 00/ DUE 00/00/00	00570\/450	неанн бгайе	Interest		00.47	,	0.00	0.00	Maturity	Date	
3M CO 2% DUE 06/26/22 APPLE INC 2.4% DUE 05/03/23	88579YAF8	-	1,055.56 1,973.33	198,000.36 198,498.73	98.47 98.26		2.03 2.44	2.00 2.40	5.24 6.09	6/26/2022 5/3/2023	
CHEVRON CORP 2.355% DUE 12/05/22	166764AB6	-	1,386.83	198,590.83	98.60		2.44	2.36	5.68	12/5/2022	
MICROSOFT CORP 2.375% DUE 05/01/23	594918AT1	-	1,979.17	199,888.97	98.95	AAA	2.40	2.38	6.09	5/1/2023	
ORACLE CORP 2.4% DUE 09/15/23	68389XBL8	-	213.33	194,811.53	97.30	AA	2.47	2.40	6.46	9/15/2023	
WAL-MART STORES 1.125% DUE 04/11/18	931142DF7	-	1,062.50	200,710.90	99.82	AA	1.13	1.13	1.03	4/11/2018	
Corporate Total		-	7,670.72	1,190,501.32	98.58	AA	2.14	2.11	5.09		
Portfolio Total		-	16,543.12	4,760,718.00	0.99	AAA	1.67	1.65	4.15		



^{*} Current Yield data is Real Yield for Treasury TIPS holding(s).

Performance Summary

Gross of Fees	Date Range 1/1/2017 - 3/31/2017	Client Name Barrington Hills Police Pension Fund	Account Name ETF Global Equity	Accou 12257	nt Number 340	Currency USD
Portfolio Summary						
Beginning Market Value	4,101,597	.67				
Beginning Accrued Interest	0	.00				
Additions	0	.00				
Withdrawals	0	.00				
Period Realized Gains/Losses ³	197,782	27				
Period Unrealized Gains/Losses ²	-4,069	.55				
Interest Income	2	.16				
Dividend Income	19,685	.93				
Management Fees	0	.00				
Ending Market Value	4,314,998	.48				
Ending Accrued Interest	0	.00				
Total Gain before Management Fees	213,400	1.81				
Time Weighted Return %	5	.20				
Benchmark Return %	6	.05				
Average Annualized Return %		-				
Annualized Benchmark Return %		-				
Total Portfolio	1 1	Mo 3 Mo	YTD	1 Yr	3 Yr	5 Yr
Time Weighted Return % ¹	-0.	19 5.20	5.20	14.71	6.62	10.59

0.61

-0.80

1.01

-1.20

0.12

-0.31

6.05

-0.85

6.28

-1.08

6.07

-0.86

6.05

-0.85

6.28

-1.08

6.07

-0.86

16.84

-2.13

15.90

-1.19

17.17

-2.46

^{3.} Period Realized Gains/Losses—Realized Gains/Losses generated by all closing positions during the report period based on market value at the end of the day before the first date of the report. For purchases made during the report period, the realized gain/loss is based on cost basis of those purchases.



80% R3K & 20% EAFE (net) % ¹

+/- Benchmark %

+/- Benchmark %

S&P 500 TR USD % ¹

+/- Benchmark %

65% R3K & 35% EAFE % 1

7.89

-1.27

6.50

0.12

10.37

-3.75

11.73

-1.14

10.63

-0.04

13.30

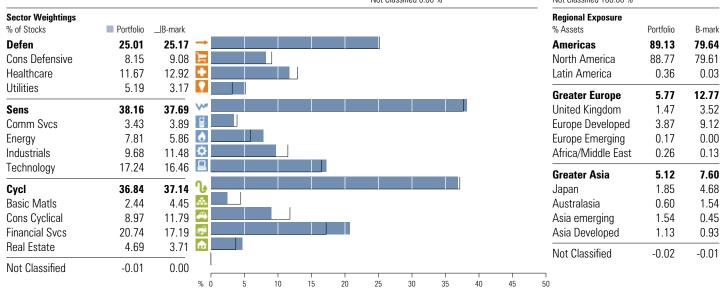
-2.71

 $^{{\}it 1. Returns are annualized for periods greater than 1 year.}\\$

^{2.} Period Unrealized Gains/Losses--Unrealized Gains/Losses of all securities held in account(s) based on market values at the end of the day before the first date of the report. For purchases made during the report period, the unrealized gain/loss is based on cost basis of those purchases.

Barrington Hills Police Pension Fund: ETF Global Equity

Portfolio Value Account Number **Report Currency** Portfolio Snapshot 4,314,998.48 80% R3K & 20% EAFE (net) 12257340 **Analysis** Equity Investment Style % Fixed-Income Investment Style % Portfolio B-mark Style Maturity Cash 2.38 0.00 Value Core Growth Ltd Mod Ext US Stock 86.65 79.54 Large Size High Quality 32 27 25 0 0 0 Non US Stock 10.96 20.43 Bond 0.00 0.00 Medium Medium 6 5 4 0 0 0 Other 0.01 0.02 Not Classified 0.00 0.00 Small Low 0 0 0 0 0 Total 100.00 100.00 Not Classified 0.00 % Not Classified 100.00 %



Performance Trailing Returns Investment Activity Graph Final Market Value 4,314,998.48 Average Annualized Return 11.44 % Cumulative Return 1 Yr 3 Mo 3 Yr 5 Yr 10 Yr Total Investment 2,853,875.62 74.99 % Portfolio Return 5.20 14.71 6.62 10.59 4,500,000 Benchmark Return 6.05 16.84 7.89 11.73 4,000,000 -2.13-1.27+/- Benchmark Return -0.85 -1.14 **Best/Worst Time Periods** 3,000,000 3 Months Return% 1 Year Return% 3 Years Return% Best 09-13/11-13 11.30 01-13/12-13 29.98 06-12/05-15 18.08 Worst 12-15/02-16 -9.42 03-15/02-16 -10.53 01-14/12-16 5.27 2,000,000 1,000,000

Holdings							
Top 5 holdings out of 14	Туре	Holding Value	% Assets	Next 5 holdings out of 14	Туре	Holding Value	% Assets
Technology Select Sector SPDR® ETF	ETF	811,644.75	18.81	iShares MSCI EAFE	ETF	333,562.95	7.73
Financial Select Sector SPDR® ETF	ETF	723,076.83	16.76	Energy Select Sector SPDR® ETF	ETF	304,694.10	7.06
Health Care Select Sector SPDR® ETF	ETF	444,598.44	10.30	Consumer Staples Select Sector SPDR	ETF	295,277.80	6.84
Consumer Discret Sel Sect SPDR® ETF	ETF	364,200.95	8.44	Utilities Select Sector SPDR® ETF	ETF	204,829.52	4.75
Industrial Select Sector SPDR® ETF	ETF	348,981.84	8.09	Vanguard REIT ETF	ETF	185,001.60	4.29

Barrington Hills Police Pension Fund: ETF Global Equity

Portfolio Snapsł	t.f - l' C l t		Portfolio Value 4,314,998.48		chmark 6 R3K & 20	0% EAFE (net	:)	Account Numl 12257340	oer	Report Cur USD	rency	
Fundamental Anal	lysis											
Market Maturity			Geometric Avg Capit	alization (Mil)	Valuation Multi	iples	Portfolio	B-mark	Interest Rate	Risk		Portfolio
% of Stocks	Portfolio	B-mark	Portfolio	67,746.55	Price/Earning	S	20.17	20.62	Maturity			0.00
Developed Markets	97.67	99.39	Benchmark	46,211.94	Price/Book		2.50	2.48				
Emerging Markets	2.33	0.61			Price/Sales		1.98	1.73	Duration (to	tal port	folio)	0.00
Not Available	0.00	0.00			Price/Cash Flo	0W	11.86	11.54	Avg Credit	Quality		-
Type Weightings					Profitability	Portfolio)	B-mark	Credit Quality	,		
% of US Stocks	Portfolio	JB-mark			% of US Stocks	2015	2016	2016	% of Bonds			
High Yield	3.67	3.39			Net Margin	14.06	13.00	11.80	AAA		BB	
Distressed	5.25	4.44			ROE	18.56	18.48	17.60	AA		В	
Hard Asset	7.83	6.09			ROA	6.60	5.61	5.60	Α		Below B	
Cyclical	39.83	42.10			Debt/Capital	39.96	41.73	41.60	BBB		NR/NA	
Slow Growth	19.65	18.84										
Classic Growth	11.42	10.66							Fund Statistic	cs		
Aggressive Growth	7.92	8.77							Potential Ca	ap Gains	Exposure	-1.06
Speculative Growth	0.86	1.95							Avg Gross I	Exp Rati	0	0.17
Not Available	3.57	3.76										
		9	6 0 5 10 15 20	25 30 35 40 45 50								

Risk Analysis

Risk/Reward Scatterplot O Individual Holding Portfolio 3-Year Mean 18.00 0 15.40 12.80 0 00 0 0 10.20 00 0 7.60 0 5.00 2.40 0 0 -0.20 -2.80 0 -5.40 -8.00 9.0 | 9.7 | 10.5 | 11.2 | 11.9 | 12.7 | 13.4 | 14.1 | 14.9 | 15.6 | 16.3 | 17.1 | 17.8 | 18.5 | 19.3 3-Year Standard Deviation

Risk and Return Statistics	3 Yr		5 Yr		10 Yr	10 Yr		
	Portfolio	B-mark	Portfolio	B-mark	Portfolio	B-mark		
Standard Deviation	10.61	10.60	10.44	10.60	_	_		
Mean	6.62	7.89	10.59	11.73		_		
Sharpe Ratio	0.64	0.75	1.01	1.09	_	_		

Performance History Graph Portfolio Quarterly Return +/- Benchmark in % 4.0 3.0 2.0 1.0 8-mark -1.0 -2.0 -3.0 -4.0 2012 2013 2014 2015 2016 2016

MPT Statistics	3 Yr	5 Yr	10 Yr		
	Portfolio	Portfolio	Portfolio		
Alpha	-1.16	-0.81	_		
Beta	1.00	0.98			
R-squared	99.10	98.92	_		

Barrington Hills Police Pension Fund: ETF Global Equity

Portfolio Snapshot			Portfolio Value 4,314,998.48		Benchmark 80% R3K & 20% EAFE (net)		Account Number 12257340		Report Currency USD			
Total 14 holdings as of 3/31/2017 Return as of date 3/31/2017	Туре	Holdings Date	% of Assets	Holding Value	7-day Yield	1 Yr Ret %	3 Yr Ret %	5 Yr Ret %	10 Yr Ret %	Max Front Load %	Max Back Load %	Gross Exp Ratio %
Technology Select Sector SPDR® E	ETF	4/18/2017	18.81	811,644.75	0.00	22.27	15.71	14.14	10.36	_	_	0.14
Financial Select Sector SPDR® ET	ETF	4/18/2017	16.76	723,076.83	0.00	32.28	11.44	15.18	0.07	_	_	0.14
Health Care Select Sector SPDR®	ETF	4/18/2017	10.30	444,598.44	0.00	11.47	9.95	16.47	10.20	_		0.14
Consumer Discret Sel Sect SPDR®	ETF	4/18/2017	8.44	364,200.95	0.00	13.01	12.46	16.03	10.43	_	_	0.14
Industrial Select Sector SPDR® E	ETF	4/18/2017	8.09	348,981.84	0.00	19.85	9.80	14.06	8.53	_	_	0.14
iShares MSCI EAFE	ETF	4/18/2017	7.73	333,562.95	0.00	12.37	0.47	5.74	0.94	_	_	0.33
Energy Select Sector SPDR® ETF	ETF	4/18/2017	7.06	304,694.10	0.00	15.66	-5.37	1.78	3.47			0.14
Consumer Staples Select Sector S	ETF	4/18/2017	6.84	295,277.80	0.00	5.46	11.02	12.82	10.32			0.14
Utilities Select Sector SPDR® ET	ETF	4/18/2017	4.75	204,829.52	0.00	6.94	11.16	11.93	6.53			0.14
Vanguard REIT ETF	ETF	3/31/2017	4.29	185,001.60	0.00	3.00	9.91	9.72	4.97	_	_	0.12
iShares MSCI Emerging Markets	ETF	4/18/2017	2.58	111,237.36	0.00	17.24	0.79	0.35	2.09	_	_	0.72
Sweep Account	CSH		2.17	93,708.76								
Materials Select Sector SPDR® ET	ETF	4/18/2017	1.51	65,302.86	0.00	19.31	5.60	9.55	5.67			0.14
SPDR® S&P Telecom ETF	ETF	4/18/2017	0.67	28,880.72	0.00	25.82	8.89	10.35		_	_	0.35

Performance Disclosure

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate thus an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than return data quoted herein. For information current to the most recent month-end, please visit http://advisor.morningstar.com/familyinfo.asp.

