

Quarterly Report

Prepared by

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Investment Advisors

**Hoffman Estates
Firefighters Pension Fund**

4th Quarter 2016

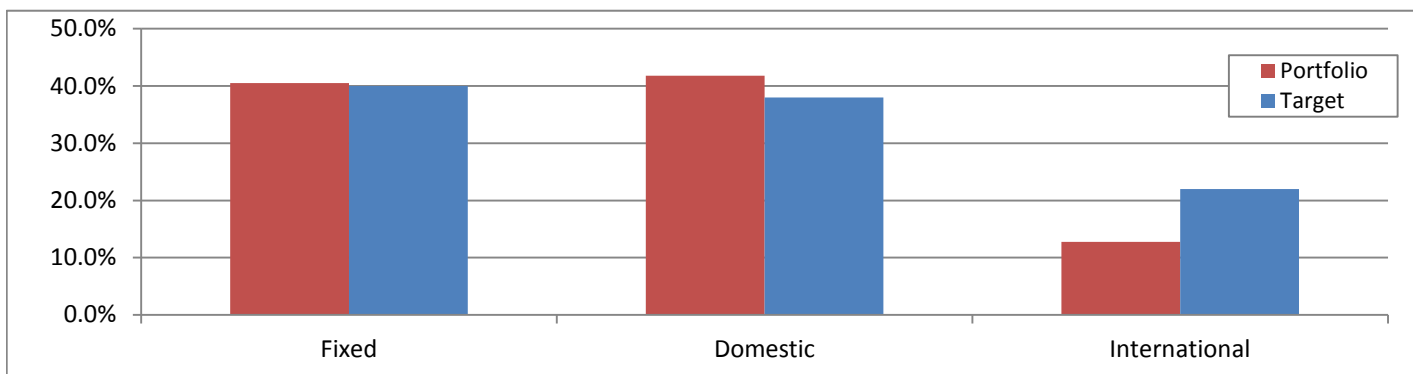
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Hoffman Estates Firefighters Pension Fund
Portfolio Asset Allocation
4th Quarter 2016



<i>Manager Summary</i>	<u>Actual</u>	<u>%</u>	<u>Target</u>	<u>Difference</u>
<i>Fixed</i>	29,775,552	40.5%	40.0%	369,354
Wm Blair	21,583,735	29.4%		
MVT Core Government	8,061,385	11.0%		
Schwab Money Market	130,432	0.2%		
<i>Equity</i>	43,739,942	59.5%	60.0%	(369,354)
<i>Domestic</i>	30,724,273	41.8%	38.0%	2,788,385
Russell 3000 IShare	12,561,896	17.1%		
Rothschild (Large Value)	10,994,894	15.0%		
Vanguard Growth Admiral	2,849,234	3.9%		
Diamond Hill Small Mid Cap Institution	1,404,734	1.9%		
T Rowe Price Health Sciences Fund	1,229,690	1.7%		
Baird Midcap Institutional	972,159	1.3%		
T Rowe Price Small Cap Growth	711,665	1.0%		
<i>Real Estate</i>	3,618,341	4.9%	5.0%	(57,434)
Adelante (REIT)	3,618,341	4.9%		
<i>International</i>	9,397,329	12.8%	22.0%	(6,776,080)
Oakmark International	3,772,187	5.1%		
Artisan Intl Value Fund	3,657,849	5.0%		
Oppenheimer Intl Smid Cap Inst	1,262,052	1.7%		
Oppenheimer Developing Markets Instl	705,241	1.0%		

Total Pension Fund 73,515,494



Changes:

No significant changes this period.

Hoffman Estates Firefighters Pension Fund

Executive Summary

4th Quarter 2016

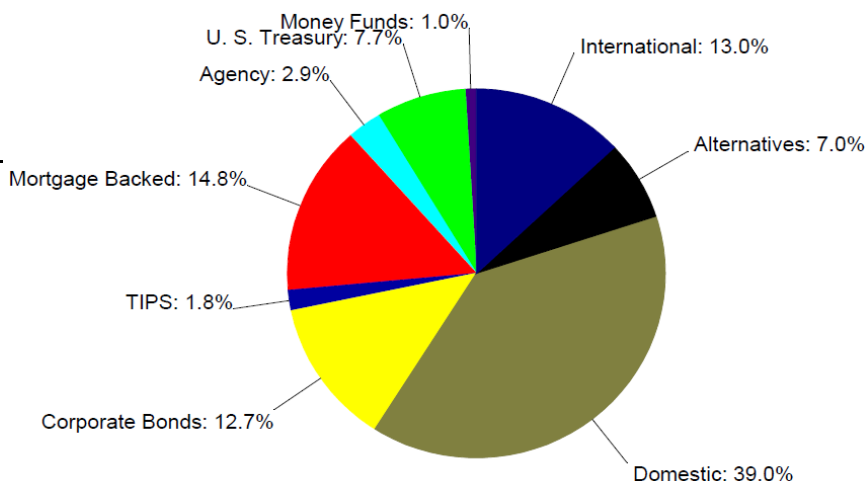


Activity Summary this Quarter

Beginning Value:	\$	73,127,463
Contribute & Withdraw:	\$	-
Net Investment Gain:	\$	388,031
Ending Value:	\$	73,515,494
Consulting Fee:	\$	12,282
Income	\$	576,584

Since: 12/31/2012

Cumulative Return:	30.19%
Annualized Net Return:	6.82%
Net Investment Gain:	\$ 18,264,265



Net Performance this Quarter

Fixed Income	-2.02%	\$ (612,154)
Equities	2.33%	\$ 1,000,185
Total Fund	0.53%	\$ 388,031
Target	0.22%	

Portfolio Strengths

- Fixed - Interest rates across the entire yield curve moved higher, especially for the longer maturities. For example, the rate on the UST 10 year note was 52% higher than at the end of September (from 1.61 to 2.45) meaning all shorter maturity bonds did better than longer. By sector, and because of their convexity, the mortgage backed sector did the best.
- Equity - Due to a Fed and US election induced strengthening of the US dollar, small and mid cap domestic names were the top global equity sector. Thus, your smid manager Diamond Hill had a good quarter. Also similar to last quarter, international manager Oakmark turned in another solid gain as did separate account manager Rothschild.

Weaknesses

- Fixed - As noted above, the entire yield curve moved markedly higher in the period meaning longer maturity bonds underperformed versus the shorter maturities.
- Equity - Due to the strengthening US dollar, both emerging and international small cap markets struggled. Also, rising bond yields will continue to hurt REIT returns.

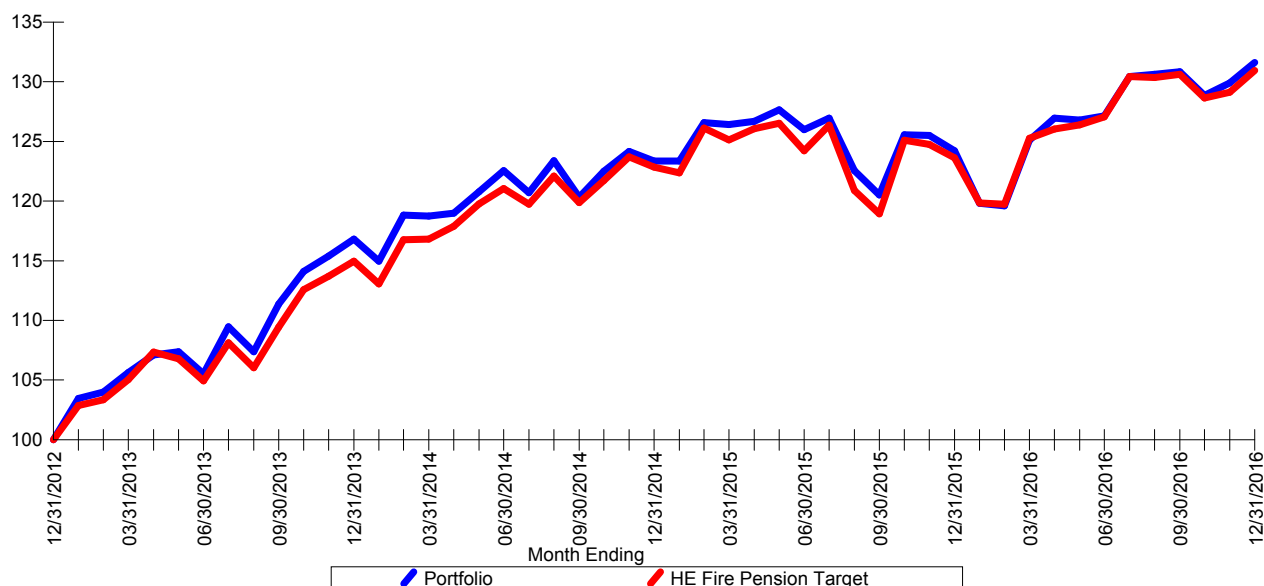
Strategies

- Portfolio - As a result of the somewhat unexpected outcome from the US Presidential election, the second half of this quarter was volatile for both fixed income and global equity markets. Generally, we continue to remain cautious, preferring to wait until more economic data confirms a better long term outlook and US government fiscal policy becomes more clear. The Fed did raise short term rates and have indicated their intention to be more aggressive in 2017, which will continue to strengthen the US dollar, and lead to higher yields and thus lower prices in fixed income. Our long term strategy to keep our bond duration shorter than the target will help the fixed income asset class beat its target. In equities, a stronger US economy will have us favoring smaller cap domestic names and underweighting emerging markets.

Portfolio Performance Review

Hoffman Estates Firefighters Pension Fund

Graphical Comparative Performance



Total Portfolio	Q4	2016	3 Yrs	Oct	Nov	Dec	Incept
Time Weighted (gross)	0.6	5.9	4.1	-1.5	0.8	1.3	7.1
Russell 3000	4.2	12.7	8.4	-2.2	4.5	2.0	14.2
MSCI World xUS	-1.6	1.7	-4.3	-1.5	-2.5	2.4	-0.4
Barclays Corp A+ 1-5 yr	-0.9	2.1	1.8	-0.1	-0.9	0.1	1.8
Barclays Int Govt	-2.2	1.1	1.6	-0.5	-1.7	0.0	0.9
IDOI Actuarial Target	1.6	6.7	6.7	0.5	0.5	0.5	6.7
HE Fire Pension Target	0.2	5.9	4.4	-1.5	0.3	1.4	7.0
Time Weighted (net)	0.5	5.6	3.8	-1.5	0.8	1.3	6.8
Russell 3000	4.2	12.7	8.4	-2.2	4.5	2.0	14.2
MSCI World xUS	-1.6	1.7	-4.3	-1.5	-2.5	2.4	-0.4
Barclays Corp A+ 1-5 yr	-0.9	2.1	1.8	-0.1	-0.9	0.1	1.8
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IDOI Actuarial Target	1.6	6.7	6.7	0.5	0.5	0.5	6.7
HE Fire Pension Target	0.2	5.9	4.4	-1.5	0.3	1.4	7.0

Returns for periods exceeding 12 months are annualized

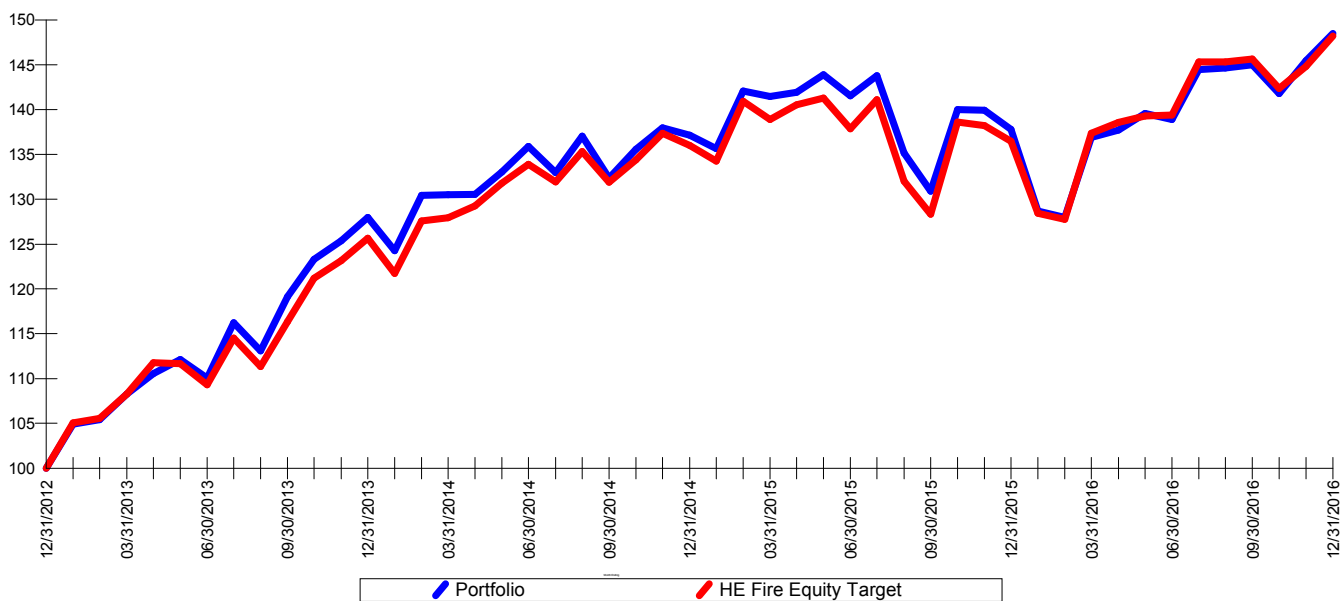
This report includes data currently available to the investment manager. Past performance is no guarantee of future performance. Indices are not available for direct investment. An investment product which attempts to mimic the performance of an index will incur expenses such as management fees and transaction costs which reduce returns.



Portfolio Performance Review

Hoffman Estates Equity

Graphical Comparative Performance



Total Portfolio	Q4	2016	3 Yrs	Oct	Nov	Dec	*Incept
Time Weighted (gross)	2.4	7.8	5.1	-2.2	2.6	2.1	10.4
Russell 3000	4.2	12.7	8.4	-2.2	4.5	2.0	14.2
S&P 500 Comp. w/ divs	3.8	12.0	8.9	-1.8	3.7	2.0	14.4
Russell 1000 Value	6.7	17.3	8.6	-1.5	5.7	2.5	14.1
MSCI World xUS	-1.6	1.7	-4.3	-1.5	-2.5	2.4	-0.4
Wilshire US REIT Inde	-2.3	7.2	13.8	-5.6	-1.3	4.9	10.7
HE Fire Equity Target	1.7	8.6	5.6	-2.2	1.7	2.3	10.3
Time Weighted (net)	2.3	7.4	4.8	-2.2	2.6	2.1	10.1
Russell 3000	4.2	12.7	8.4	-2.2	4.5	2.0	14.2
S&P 500 Comp. w/ divs	3.8	12.0	8.9	-1.8	3.7	2.0	14.4
Russell 1000 Value	6.7	17.3	8.6	-1.5	5.7	2.5	14.1
MSCI World xUS	-1.6	1.7	-4.3	-1.5	-2.5	2.4	-0.4
Wilshire US REIT Inde	-2.3	7.2	13.8	-5.6	-1.3	4.9	10.7
HE Fire Equity Target	1.7	8.6	5.6	-2.2	1.7	2.3	10.3

* Return since inception date of 12/31/2012

4q16 Hoffman Estates Equity v. Target

Portfolio
Hoffman Estates Equity

Benchmark
Target - Hoffman Equity

Currency
US Dollar

Attribution Detail 10/1/2016 to 12/31/2016

Name	Benchmark	Allocation %			Gross Return %			Contribution %			Attribution Effects %			
		Actual	Policy	+/-	Port	B-mark	+/-	Port	B-mark	+/-	Sector Allocation	Mgr Selection	Mgr B-mark Misfit	Active Ret
Alternative	Wilshire US REIT TR USD	8.25	8.33	-0.09	-3.08	-2.28	-0.80	-0.25	-0.17	-0.08	-0.02	-0.07	0.00	-0.09
Hoffman Estates Fire Adelante	Wilshire US REIT TR USD	8.25	—	—	-3.08	-2.28	-0.80	-0.25	0.00	-0.25	—	-0.07	0.00	-0.07
CASH	USTREAS T-Bill Auction Ave 3 Mon	0.30	0.00	0.30	0.11	—	—	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01
USTREAS T-Bill Auction Ave 3 Mon	USTREAS T-Bill Auction Ave 3 Mon	0.30	—	—	0.11	0.11	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00
Domestic	Russell 3000 TR USD	70.03	58.34	11.70	3.66	4.21	-0.55	2.52	2.42	0.10	0.27	-0.27	-0.12	-0.12
iShares Russell 3000	Russell 3000 TR USD	28.63	—	—	4.22	4.21	0.01	1.12	0.00	1.12	—	0.01	0.00	0.01
Hoffman Estates Fire Rothschild LV	Russell 1000 Value TR USD	25.06	—	—	6.01	6.68	-0.66	1.43	0.00	1.43	—	-0.16	0.59	0.43
Vanguard Growth Index Adm	Russell 1000 Growth TR USD	6.49	—	—	-0.40	1.01	-1.41	-0.02	0.00	-0.02	—	-0.10	-0.21	-0.31
Diamond Hill Small-Mid Cap I	Russell Mid Cap Value TR USD	3.20	—	—	6.78	5.52	1.25	0.18	0.00	0.18	—	0.03	0.04	0.06
Baird MidCap Inst	Russell Mid Cap Growth TR USD	2.22	—	—	0.58	0.46	0.13	0.02	0.00	0.02	—	0.00	-0.08	-0.08
T. Rowe Price QM US Small-Cap Gr Eq	Russell 2000 Growth TR USD	1.62	—	—	3.97	3.57	0.40	0.04	0.00	0.04	—	0.00	0.00	0.00
T. Rowe Price Health Sciences	S&P 1500 Health Care TR	2.80	—	—	-4.62	-3.79	-0.83	-0.24	0.00	-0.24	—	-0.05	-0.44	-0.49
International	MSCI ACWI Ex USA PR USD	21.42	33.33	-11.91	1.38	-1.61	2.99	0.31	-0.50	0.81	0.39	0.61	-0.01	0.98
Oakmark International Investor	MSCI ACWI Ex USA NR USD	8.60	—	—	6.69	-1.25	7.94	0.54	0.00	0.54	—	0.63	0.03	0.66
Artisan International Value Investor	MSCI ACWI Ex USA NR USD	8.34	—	—	0.00	-1.25	1.26	0.01	0.00	0.01	—	0.08	0.03	0.11
Oppenheimer International Small-Mid C	MSCI World Ex USA SMID NR USD	2.88	—	—	-5.05	-2.58	-2.47	-0.16	0.00	-0.16	—	-0.09	-0.03	-0.12
Oppenheimer Developing Markets Y	MSCI EM NR USD	1.61	—	—	-4.86	-4.16	-0.69	-0.08	0.00	-0.08	—	-0.02	-0.04	-0.06
Total		100.00	100.00	0.00	2.59	1.75	0.84	2.59	1.75	0.84	0.63	0.27	-0.14	0.76

Hoffman Estates Domestic

Portfolio Aggregation

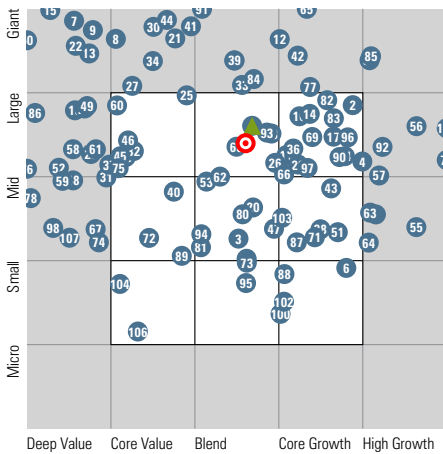
Data as of
12/31/2016

Currency
USD

Risk-Free Rate
USTREAS T-Bill Auction Ave 3 Mon

Benchmark
iShares Russell 3000

Equity Style Box



Style Breakdown	Portfolio %	Benchmark %
Large Value	25.39	24.81
Large Core	22.41	24.39
Large Growth	20.74	23.03
Mid Value	6.31	6.20
Mid Core	7.92	6.55
Mid Growth	9.81	6.18
Small Value	1.80	2.77
Small Core	3.44	3.11
Small Growth	2.18	2.97
Large Cap	68.54	72.22
Mid-Small Cap	31.46	27.78
Value	33.50	33.77
Core	33.77	34.04
Growth	32.74	32.18

Top 10 Constituents

	% Weighting
1 iShares Russell 3000	36.96
2 Vanguard Growth Index Adm	8.38
3 Diamond Hill Small-Mid Cap I	4.13
4 T. Rowe Price Health Sciences	3.62
5 Baird MidCap Inst	2.86
6 T. Rowe Price QM US Small-Cap Gr Eq	2.09
7 JPMorgan Chase & Co	1.21
8 Bank of America Corporation	1.10
9 AT&T Inc	1.08
10 Simon Property Group Inc	1.05

Portfolio Statistics

Style Box Value Factors	Portfolio	Benchmark
Price/Prospective Earnings	22.73	19.59
Price/Book	3.28	2.57
Price/Sales	2.91	1.76
Price/Cash Flow	16.33	9.78
Dividend Yield %	2.23	2.20

Style Box Growth Factors

	Portfolio	Benchmark
Long-Term Earning Growth %	8.74	8.85
Historical Earnings Growth %	18.82	5.32
Book Value Growth %	4.18	0.86
Sales Growth %	3.45	1.11
Cash Flow Growth %	3.93	1.96

Equity Valuation Price Multiples

	Portfolio	Benchmark
Price to Earnings	20.63	20.06
Price to Book Value	2.58	2.62
Price to Sales	2.00	1.82
Price to Cash Flow	12.21	11.92

Financial Ratios

	Portfolio	Benchmark
ROE %	17.01	19.32
ROA %	5.12	5.83
Net Margin %	13.42	12.19
Debt to Capital %	43.18	42.43

Fixed Income Style

	Portfolio	Benchmark
Avg Eff Duration	1.59	—
Avg Eff Maturity	—	—
Avg Credit Quality	BBB	—
Avg Wtd Coupon	3.63	—
Avg Wtd Price	—	—

Misc

	Portfolio	Benchmark
% Market Value in Top 10 Holdings	62.49	15.02
Average Expense Ratio	0.32	0.20

Portfolio Overview

Composition	Portfolio %	Benchmark %
Cash	0.59	0.26
Stock	99.18	99.74
Bond	0.07	0.00
Other	0.03	0.00
Total	99.87	100.00

Equity Sector Breakdown

	Portfolio %	Benchmark %
Cyclical	41.05	35.03
Basic Matls	2.48	3.25
Cons Cyclical	10.20	11.68
Financial Svcs	15.49	16.30
Real Estate	12.88	3.81
Sensitive	35.10	40.39
Comm Svcs	4.00	3.84
Energy	7.51	6.98
Industrials	10.51	11.74
Technology	13.08	17.84
Defensive	23.86	24.58
Cons Defensive	6.67	8.49
Healthcare	14.23	12.97
Utilities	2.96	3.11

Fixed-Income Sector Breakdown

	Portfolio %	Benchmark %
Government	0.19	0.00
Municipal	0.00	0.00
Corporate	10.41	52.07
Securitized	7.18	0.00
Cash and Cash Equivalents	82.22	47.93
Derivative	0.00	0.00

Credit Rating Breakdown

	Portfolio %	Benchmark %
AAA	32.53	—
AA	8.89	—
A	21.78	—
BBB	22.50	—
BB	3.37	—
B or Below B	1.57	—
Not Rated	9.37	—

World Region Breakdown	Portfolio %	Benchmark %
Americas	98.85	99.27
North America	98.77	99.23
Latin America	0.09	0.04
Greater Europe	0.91	0.36
United Kingdom	0.02	0.03
Europe Developed	0.84	0.32
Europe Emerging	0.00	0.00
Africa/Middle East	0.04	0.01
Greater Asia	0.24	0.37
Japan	0.04	0.00
Australasia	0.00	0.00
Asia Developed	0.00	0.00
Asia emerging	0.20	0.37

Top 10 Country Breakdown	Portfolio %	Benchmark %
United States	98.71	99.16
Switzerland	0.79	0.28
China	0.13	0.35
Other Countries	0.08	0.04
India	0.07	0.02
Canada	0.05	0.07
Japan	0.04	0.00
Israel	0.04	0.01
Netherlands	0.03	0.00
United Kingdom	0.02	0.03

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Hoffman Estates Intl

Portfolio Aggregation

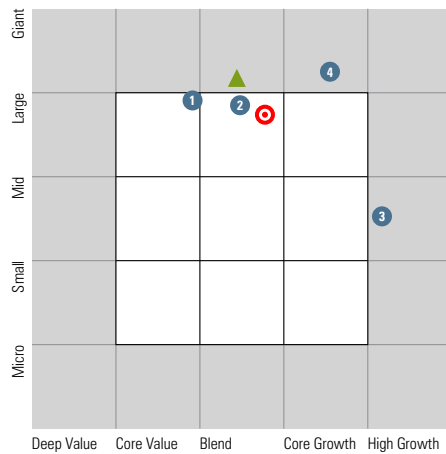
Data as of
12/31/2016

Currency
USD

Risk-Free Rate
USTREAS T-Bill Auction Ave 3 Mon

Benchmark
iShares MSCI ACWI ex US

Equity Style Box



Style Breakdown	Portfolio %	Benchmark %
Large Value	29.16	33.03
Large Core	23.26	30.90
Large Growth	25.05	28.92
Mid Value	4.21	2.56
Mid Core	6.20	2.35
Mid Growth	9.79	2.18
Small Value	0.70	0.03
Small Core	0.48	0.04
Small Growth	1.14	0.00
Large Cap	77.47	92.85
Mid-Small Cap	22.53	7.15
Value	34.08	35.61
Core	29.94	33.29
Growth	35.98	31.09

○ Portfolio ● Portfolio Constituents ▲ Benchmark

Top 10 Constituents

	% Weighting
1 Oakmark International Investor	40.14
2 Artisan International Value Investor	38.92
3 Oppenheimer International Small-Mid Co Y	13.43
4 Oppenheimer Developing Markets Y	7.50

Portfolio Statistics

Style Box Value Factors	Portfolio	Benchmark
Price/Prospective Earnings	17.14	15.20
Price/Book	1.64	1.45
Price/Sales	1.01	1.06
Price/Cash Flow	5.86	4.73
Dividend Yield %	3.21	3.58
Style Box Growth Factors		
Long-Term Earning Growth %	11.85	8.51
Historical Earnings Growth %	11.34	-37.27
Book Value Growth %	1.12	-6.05
Sales Growth %	-1.13	-2.90
Cash Flow Growth %	16.08	4.09

Portfolio Overview

Composition	Portfolio %	Benchmark %
Cash	6.91	0.05
Stock	91.35	99.89
Bond	0.00	0.00
Other	1.74	0.06
Total	100.00	100.00

Equity Sector Breakdown	Portfolio %	Benchmark %
Cyclical	54.17	45.83
Basic Matls	6.48	8.17
Cons Cyclical	20.70	11.38
Financial Svcs	26.59	22.81
Real Estate	0.39	3.47
Sensitive	32.01	33.01
Comm Svcs	1.29	4.97
Energy	1.60	7.22
Industrials	16.20	10.84
Technology	12.91	9.98
Defensive	13.83	21.16
Cons Defensive	7.68	10.12
Healthcare	6.15	8.03
Utilities	0.00	3.01

Equity Valuation Price Multiples

	Portfolio	Benchmark
Price to Earnings	10.70	15.77
Price to Book Value	1.58	1.56
Price to Sales	0.76	1.04
Price to Cash Flow	4.71	7.90

Financial Ratios

	Portfolio	Benchmark
ROE %	12.48	12.84
ROA %	4.81	4.67
Net Margin %	8.59	12.47
Debt to Capital %	34.66	33.82

Fixed Income Style

	Portfolio	Benchmark
Avg Eff Duration	—	—
Avg Eff Maturity	—	—
Avg Credit Quality	—	—
Avg Wtd Coupon	—	—
Avg Wtd Price	—	—

Misc

	Portfolio	Benchmark
% Market Value in Top 10 Holdings	100.00	8.73
Average Expense Ratio	1.08	0.33

World Region Breakdown	Portfolio %	Benchmark %
Americas	11.94	10.89
North America	8.75	7.88
Latin America	3.19	3.02
Greater Europe	62.71	47.83
United Kingdom	21.41	12.58
Europe Developed	39.94	31.23
Europe Emerging	0.81	1.63
Africa/Middle East	0.54	2.38
Greater Asia	25.36	41.28
Japan	11.09	16.98
Australasia	1.54	5.31
Asia Developed	4.07	9.09
Asia emerging	8.66	9.90

Top 10 Country Breakdown	Portfolio %	Benchmark %
United Kingdom	21.39	12.58
Switzerland	14.39	6.08
Japan	11.08	16.98
United States	7.84	0.84
France	6.71	6.86
China	4.97	6.15
Germany	4.49	6.56
Italy	3.59	1.20
South Korea	3.16	3.28
Netherlands	2.85	2.67

Fixed-Income Sector Breakdown	Portfolio %	Benchmark %
Government	0.00	0.00
Municipal	0.00	0.00
Corporate	0.10	82.12
Securitized	0.00	0.00
Cash and Cash Equivalents	99.90	17.88
Derivative	0.00	0.00

Credit Rating Breakdown	Portfolio %	Benchmark %
AAA	—	—
AA	—	—
A	—	—
BBB	—	—
BB	—	—
B or Below B	—	—
Not Rated	—	—



Buys, Sells, Deposits, Withdrawals
From 10/01/2016 to 12/31/2016

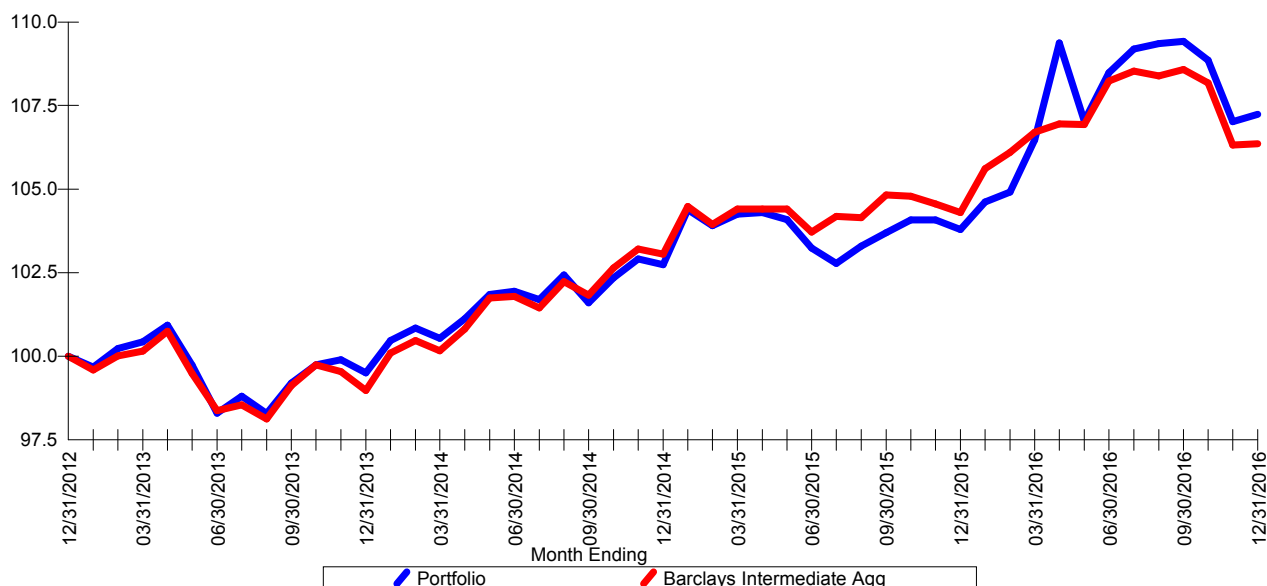
Hoffman Estates Fire Mutual Funds

Portfolio Account Type	Trade Date	Maturity Date	Activity	Security Symbol	Description	Net Amount	Quantity
Mutual Fun	10/03/2016		Buy	IWV	Russell 3000 IShare	(43,625.69)	341.186
Mutual Fun	11/03/2016		Sell	PRHSX	T Rowe Price Health Scie	949,975.00	(16,314.614)
Mutual Fun	11/23/2016		Buy	DHMIX	Diamond Hill Small Mid C	(200,000.00)	9,375.293
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(787.99)	6
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(3,414.64)	26
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(9,061.93)	69
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(13,133.24)	100
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(13,133.24)	100
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(13,133.24)	100
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(49,906.29)	380
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(97,711.27)	744
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(99,155.92)	755
Mutual Fun	11/23/2016		Buy	IWV	Russell 3000 IShare	(200,544.50)	1,527
Mutual Fun	11/23/2016		Buy	PRDSX	T Rowe Price Small Cap	(250,000.00)	8,661.642
Mutual Fun	12/30/2016		Buy	IWV	Russell 3000 IShare	(63,545.28)	477.256
						(107,178.23)	

Portfolio Performance Review

Hoffman Estates Fixed Income

Graphical Comparative Performance



Total Portfolio	Q4	1 Yr	3 Yr	Oct	Nov	Dec	Incept
Time Weighted (gross)	-2.0	3.3	3.3	-0.5	-1.7	0.2	1.8
Barclays Int Govt	-2.2	1.1	2.2	-0.5	-1.7	0.0	0.9
Barclays Government	-3.7	1.0	3.3	-1.1	-2.6	-0.1	1.0
Barclays Corp A+ 1-5 yr	-0.9	2.1	2.3	-0.1	-0.9	0.1	1.8
Barclays Aggregate Bond	-3.0	2.6	4.0	-0.8	-2.4	0.1	1.7
Barclays Mortgage-Backed	-2.0	1.7	3.6	-0.3	-1.7	0.0	1.9
Barclays Intermediate Agg	-2.0	2.0	3.1	-0.4	-1.7	0.0	1.6
Time Weighted (net)	-2.0	3.0	2.9	-0.5	-1.7	0.2	1.4
Barclays Int Govt	-2.2	1.1	2.2	-0.5	-1.7	0.0	0.9
Barclays Government	-3.7	1.0	3.3	-1.1	-2.6	-0.1	1.0
Barclays Corp A+ 1-5 yr	-0.9	2.1	2.3	-0.1	-0.9	0.1	1.8
Barclays Aggregate Bond	-3.0	2.6	4.0	-0.8	-2.4	0.1	1.7
Barclays Mortgage-Backed	-2.0	1.7	3.6	-0.3	-1.7	0.0	1.9
Barclays Intermediate Agg	-2.0	2.0	3.1	-0.4	-1.7	0.0	1.6

Returns for periods exceeding 12 months are annualized

This report includes data currently available to the investment manager. Past performance is no guarantee of future performance. Indices are not available for direct investment. An investment product which attempts to mimic the performance of an index will incur expenses such as management fees and transaction costs which reduce returns.

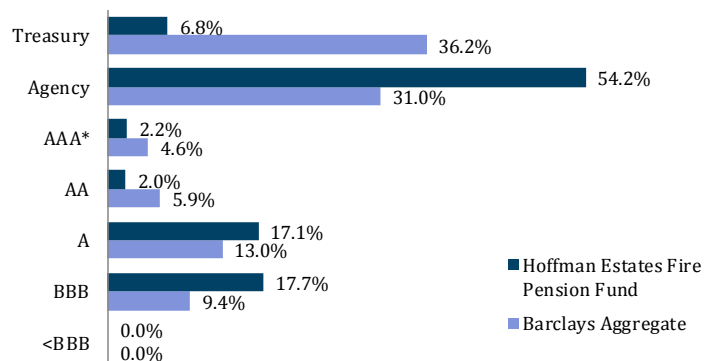
Core Fixed Income

Hoffman Estates Fire Pension Fund – December 31, 2016

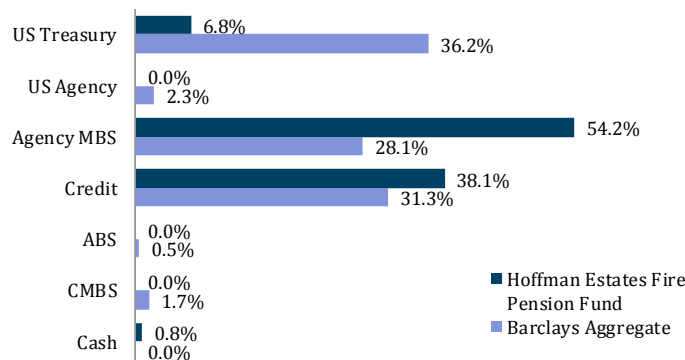
Preliminary Performance	4Q16	1 Year	3 Year	Inception
Hoffman Estates Fire Pension Fund	-1.85	4.65	3.22	2.35
Hoffman Estates Fire Pension Fund Benchmark	-2.98	2.65	2.64	1.86
Excess Performance	1.13	2.00	0.58	0.49

- During the 4th quarter, gross of fees, the portfolio outperformed the benchmark by 113 bps.
- Since inception, 1/31/13 to 12/31/16, the portfolio has an annualized return of 2.35% , outperforming the benchmark return by 49 bps per annum.
- Hoffman Estates Fire Pension Fund Benchmark is comprised of the Barclays Intermediate Aggregate Index from 1/31/13 to 8/13/14 and the Barclays Aggregate Index thereafter.

Quality Rating Distribution



Sector Weights



Characteristics

	Hoffman Estates Fire Pension Fund	Barclays Aggregate
Effective Duration	5.45	5.81
Convexity	0.39	0.25
Average Yield	2.91%	2.60%

*Includes cash and money market holdings

Inception date 1/31/2013.

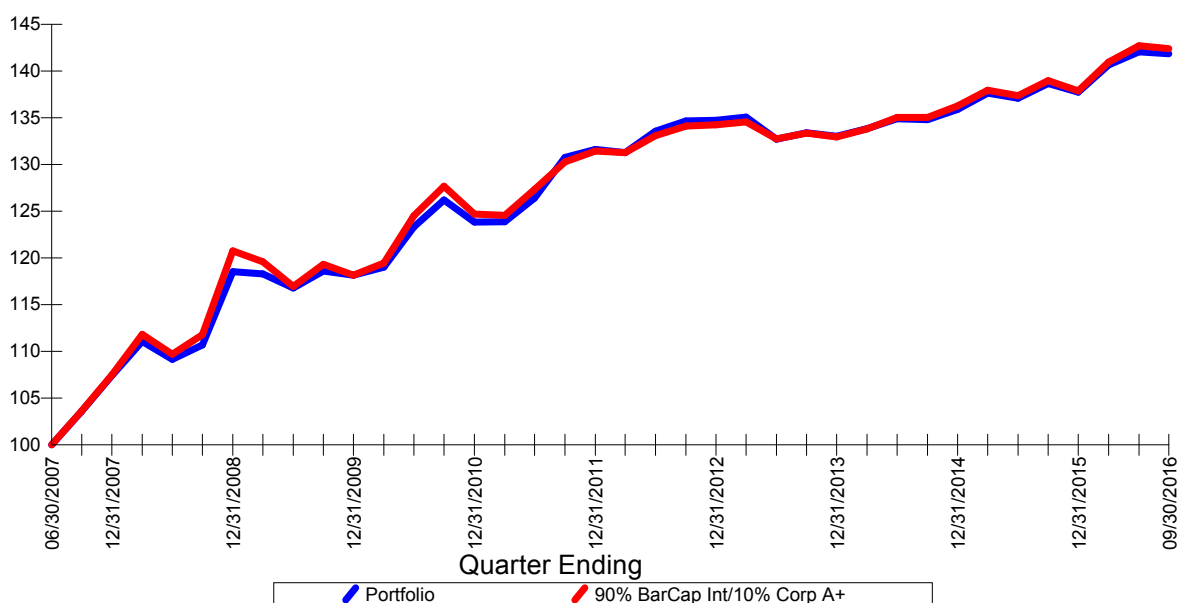
As of 7/1/2015, discretionary investment management of the portfolio is provided by William Blair Investment Management, LLC. Prior to such date, such discretionary investment management was provided by William Blair & Company, L.L.C., an affiliate of William Blair Investment Management, LLC. Past returns are no guarantee of future performance. Performance for periods greater than one year is annualized. The Barclays Intermediate Aggregate Index includes all medium and larger issues of U.S. government, investment-grade corporate, asset-backed securities, mortgage-backed securities, and investment-grade international dollar-denominated bonds that have maturities of between 1 and 10 years and are publicly issued. The Barclays Aggregate Index includes all medium and larger issues of U.S. government, investment-grade corporate, asset-backed securities, mortgage-backed securities, and investment-grade international dollar-denominated bonds that have maturities of between 1 and 30 years and are publicly issued. Characteristics & sector weights source: BlackRock Solutions.



Portfolio Performance Review

Hoffman Estates Firefighters MVT Bonds Fixed Income Acct #: 8153-3379

Graphical Comparative Performance



Total Portfolio	Q4	YTD	3 Yrs	5 Yrs	7 Yrs	*Incep
Time Weighted (gross)	-1.6	1.4	1.6	1.2	2.4	3.6
Barclays Int Govt	-2.2	1.1	1.6	1.0	2.3	3.4
Barclays Corp A+ 1-5 yr	-0.9	2.1	1.8	2.6		
Barclays Government	-3.7	1.0	2.3	1.2	2.9	3.9
90% BarCap Int/10% Corp	-2.0	1.2	1.6	1.2	2.4	3.6
Time Weighted (net)	-1.6	1.2	1.5	1.0	2.2	3.2
Barclays Int Govt	-2.2	1.1	1.6	1.0	2.3	3.4
Barclays Corp A+ 1-5 yr	-0.9	2.1	1.8	2.6		
Barclays Government	-3.7	1.0	2.3	1.2	2.9	3.9
90% BarCap Int/10% Corp	-2.0	1.2	1.6	1.2	2.4	3.6

* Return since inception date of 06/30/2007

Returns for periods exceeding 12 months are annualized



Fixed Income Summary
Before 12/31/2016

Hoffman Estates Firefighters MVT Bonds

Summary

<u>Totals</u>		<u>Weighted Averages</u>	
Total Number of Issues	37.00	Average Years to Redemption	3.21
Face Value	7,895,000.00	Average Interest Rate	2.45
Current Value	8,024,249.47	Average S&P Rating	NR
Cost Basis	8,020,043.64	Average Yield to Maturity	1.59
Unrealized Gain/Loss	(36,065.14)	Average Duration	3.04

<u>Weight</u>	<u>Description</u>	<u>Quantity</u>	<u>Current Value</u>	<u>Years to Redemption</u>	<u>Interest Rate</u>	<u>Modified Duration Cost</u>	<u>Modified Duration Market</u>
Fixed Income and Equivalents by Maturity Date							
14.2%	2017	1,125,000	1,139,293.44	0.7	2.86	5.53	0.65
21.9%	2018	1,715,000	1,755,645.47	1.5	2.58	4.75	1.50
16.5%	2019	1,285,000	1,326,944.00	2.8	2.58	4.55	2.65
20.3%	2020	1,580,000	1,630,879.53	3.7	2.57	6.41	3.50
6.8%	2021	545,000	549,279.33	4.6	2.19	7.09	4.32
10.6%	2022	855,000	846,945.78	5.6	1.84	7.15	5.30
6.7%	2023	550,000	536,296.80	6.4	1.75	N/A	5.97
3.0%	2024	240,000	238,965.12	7.9	2.25	7.73	7.15
100.0%		7,895,000	8,024,249.47	3.2	2.45	5.85	3.04

<u>Weight</u>	<u>Description</u>	<u>Quantity</u>	<u>Current Value</u>	<u>Years to Redemption</u>	<u>Interest Rate</u>	<u>Modified Duration Cost</u>	<u>Modified Duration Market</u>
Fixed Income and Equivalents by Interest Rate							
72.2%	Less than 3%	5,795,000	5,795,406.12	3.6	1.65	5.79	3.43
19.9%	3-5%	1,505,000	1,598,768.13	2.7	3.66	6.46	2.50
5.0%	5-7%	390,000	400,327.06	0.5	5.46	5.56	0.47
2.9%	7-10%	205,000	229,748.16	1.4	9.13	N/A	1.30
100.0%		7,895,000	8,024,249.47	3.2	2.45	5.85	3.04



Buys, Sells, Deposits, Withdrawals

From 10/01/2016 to 12/31/2016

Hoffman Estates Total Bond

Portfolio Account Type	Trade Date	Maturity Date	Activity	Security Symbol	Description	Net Amount	Quantity
Managed A	10/03/2016	11/01/2026	Buy	98419MAJ	Xylem Corp Bond	(99,804.00)	100,000
Fixed Incom	10/05/2016	08/28/2017	Buy	025816AX	American Express	(42,003.83)	40,000
Managed A	10/11/2016	07/01/2040	Buy	3138ERHB	FNMA	(472,626.67)	400,000
Managed A	10/11/2016	08/01/2040	Buy	3138ERHC	FNMA	(1,865,187.78)	1,600,000
Managed A	10/11/2016	06/01/2040	Sell	31418VLM	FNMA	547,390.74	(900,000)
Managed A	10/11/2016	11/01/2038	Sell	3138ENPB	FNMA	153,825.03	(200,000)
Managed A	10/11/2016	11/01/2039	Sell	31417SZW	FNMA PI Ac	114,746.71	(250,000)
Managed A	11/03/2016	07/21/2021	Sell	88167AAC	Teva Pharmaceutical	221,101.75	(225,000)
Fixed Incom	11/10/2016	11/10/2016	Sell	88165FAC	TEVA	85,000.00	(85,000)
Fixed Incom	11/14/2016	08/27/2021	Buy	06367TJX	Bank Montreal	(83,914.92)	85,000
Fixed Incom	11/15/2016	11/15/2016	Sell	3135G0ES	FNMA	200,000.00	(200,000)
Fixed Incom	11/16/2016	11/15/2019	Buy	912828U3	US Treasury Note	(237,859.42)	240,000
Managed A	11/17/2016	02/01/2019	Sell	126408GQ	CSX Corporation	225,952.00	(200,000)
Managed A	11/29/2016	11/01/2024	Buy	3138ETPP	FNMA POOL AL8529	(1,046,154.07)	1,150,000
Fixed Incom	12/20/2016	12/15/2019	Buy	912828U7	US Treasury Note	(79,588.99)	80,000
Managed A	12/27/2016	05/01/2022	Buy	21036PAH	Constellation Brands	(113,984.33)	100,000
						<u>(2,493,107.78)</u>	

4Q2016	<p>The US election produced a somewhat unexpected outcome leading to some volatility in global markets. The Fed raised interest rates another 0.25% for the first time in 2016. GDP for the 3rd quarter came in at 3.5% which was stronger than expected.</p> <p>Partner David Vaught attended and spoke at the AFFI Pension Conference in Lisle.</p> <p>MVT staff attended the IPPAC conference and presented on investment and cyber-security topics.</p> <p>Our Chief Compliance Officer attended the NRS conference and completed his annual CE credits to maintain IACCP designation.</p> <p>MVT went through a cyber security review and audit.</p> <p>We attended the annual Schwab conference and met with managers from several firms.</p> <p>We conducted a due diligence review with Oakmark.</p>
3Q2016	<p>U.S. GDP remained sluggish at 1.4% for the 2nd quarter. Consumer spending accounted for the growth while caution among business and government spending detracted.</p> <p>We conducted due diligence with Goldman Sachs, Cohen and Steers, Queens Road and Wisdom Tree.</p> <p>John Mitchell attended the annual conference with American Funds to review strategies and interview portfolio managers.</p> <p>We upgraded the technical capabilities of our BondEdge fixed income analytics platform.</p>
2Q2016	<p>MVT staff members attended the IPPAC conference and gave a presentation on global market events and financial measurements.</p> <p>We had several meetings with the team from Oakmark about their recent poor performance and are recommending trimming some of those positions, while we continue to evaluate their investment thesis and process.</p> <p>We also conducted traditional due diligence meetings with Diamond Hill, Oppenheimer, Artisan, Goldman, and Cohen & Steers.</p> <p>We also met with Queens Road, Turner, Managers, Vanare, Polen, Prudential.</p> <p>We met with the team from Principal Real Estate investors to understand their direct owned real estate separate account. While we understand and appreciate the company, team and approach; the potential lack of liquidity and mark-to-market</p>

	<p>pricing continues to lead us away from recommending the product at this time.</p> <p>U.S GDP slowed to 0.8% (annualized) in 1q2016 the weakest quarterly rate in 2 years. Businesses cut back on investment while consumer tended to hold wage gains and fuel savings in their pockets. In the U.K, voters cast ballots in favor of leaving the EU. This caused immediate turmoil in global markets, particularly in Europe and the financial sector. Market began to recover within a few days and bond yields fell as investors sought the safety that those provide.</p>
1Q2016	<p>Investment Policy has been updated and sent to the Illinois Department of Insurance.</p> <p>After several quarters of lackluster performance and trailing its peers in the sector, our Investment Committee eliminated the Vanguard Explorer fund. After significant research and discussion, the T Rowe Price Small Cap Growth fund was chosen to replace it across all Illinois Public Pension funds.</p> <p>U.S. 4Q GDP was finally revised to +1.4%, which was below both the 3rd and 2nd quarters. At their March meeting, the Federal Reserve declined to raise the Fed Funds rate.</p> <p>Several staff members attended the TD Ameritrade national conference.</p> <p>We conducted due diligence meetings with Rothschild, Cohen and Steers, American Funds, Goldman Sachs, Diamond Hill, Artisan and DWS.</p> <p>On March 24th, the Illinois Supreme Court ruled unconstitutional a Chicago law to reduce COLA and increase employee pension contributions for certain city employees.</p>
4Q2015	<p>The Fed raised interest rates to 0.25% for the first time in over a decade. This action had some impact on the short end of the yield curve and not on longer maturities.</p> <p>MVT staff attended the IPPAC conference and presented on investment topics.</p> <p>Thomas Dugan joined the MVT firm in November, coming over from Morgan Stanley. Tom has many years of experience on trading floors. He will be a fixed income analyst and trader and will attend client board meetings.</p> <p>Our Chief Compliance Officer completed annual CE credits to maintain IACCP designation.</p> <p>We conducted due diligence on funds from Blackrock, TCW, Oppenheimer.</p> <p>MVT has been hired by new clients Washington Police Pension and Stone Park Village Employees Retirement Plan.</p>
3Q2015	<p>Due to extreme global equity volatility caused by the devaluation of the yuan and subsequent crash of the Chinese stock market; in early August we reduced the</p>

	<p>emerging market weight by about 50% and increased the weight of the domestic Diamond Hill SMID fund.</p> <p>At the September meeting, the Fed held rates at the zero bound. Following the decision to hold, US equity markets dipped on the confirmation of weakness in the global and U.S. economies.</p> <p>Our staff conducted due diligence meetings with T. Rowe Price, Diamond Hill, Cohen and Steers, Deutsche, and Blackrock/iShares.</p> <p>MVT updated a module within Tradeweb to enable the trading and analysis of corporate bonds.</p>
2Q2015	<p>As previously discussed we replaced our previous mid and small cap value managers with a single fund, the Diamond Hill Small/Mid Cap manager (investment detail was provided at the last meeting). Also, due to a manager change and “style drift” we replaced Columbia Acorn International with the Oppenheimer International Small Cap fund (investment detail attached).</p> <p>Attended and spoke at the Illinois Public Pension Advisory Committee’s spring conference.</p> <p>Attended the annual investor conference of Warren Buffet’s Berkshire Hathaway.</p> <p>Met with manager firms Lazard, American Funds, Prudential, Vanguard, iShares (Blackrock), Oppenheimer, Columbia, Cohen & Steers, T Rowe Price, Artisan, Baird, Diamond Hill, and Wisdom Tree.</p> <p>Attended due diligence meetings with Schroeder’s and Neuberger Berman, at their headquarters.</p> <p>Attended a Registered Investment Advisors Conference.</p> <p>Attended a TD Ameritrade event in Indianapolis, IN.</p> <p>Attended a SEC Compliance conference.</p> <p>Updated our ADV as annually required.</p>
1Q2015	<p>As discussed at the 3rd quarter meeting we terminated the Heartland Value small cap manager and are recommending replacing them with Diamond Hill Small/Mid Cap manager (investment detail enclosed).</p> <p>Attended and spoke at the Illinois Governmental Finance Officers Association (IGFOA) conference in Downers Grove.</p> <p>All members of our firm attended a mandatory internal compliance conference.</p>

	<p>Emily Agosto passed the final part of the Illinois CPA exam and is awaiting her official designation as a certified public accountant.</p> <p>Met with manager firms R.W. Baird, Diamond Hill, Oakmark, Columbia, Invesco, Putnam, MFS, and WCM.</p> <p>Attended the annual TD Ameritrade conference and met with many of the portfolio managers.</p>																		
4Q2014	<p>As noted in the Q3 executive summary, we increased the allocation to the T Rowe Price health fund, as well as underweighting the international portion of the portfolio.</p> <p>The Investment Policy, approved at the October meeting, was signed by President Orr and Secretary Fijalkowski. It has been sent to the Illinois Department of Insurance.</p> <p>Per request of Finance Director (and Pension Trustee) Musiala, we provided portfolio information to the Village auditors.</p> <p>Per request of Village Treasurer Helgerson, we provided information about the fees charged by the separate account managers and mutual funds.</p> <p>Attended and spoke at the Illinois Public Pension Advisory Committee conferences in Schaumburg and Hoffman Estates.</p> <p>Attended and spoke at the Associated Fire Fighters of Illinois Pension Conference in Lisle.</p> <p>Our certified compliance officer attended the annual NRS compliance conference.</p> <p>Met with manager firms Baird and Wisdom Tree</p> <p>Attended custodian training events at TD Ameritrade.</p>																		
3Q2014	<p>Per MVT recommendation and board approval at the Q2 meeting; the following rebalancing took place, starting on July 11th:</p> <table data-bbox="511 1549 1144 1871"> <tr> <td>William Blair (Fixed Income)</td> <td>+1,012,885</td> </tr> <tr> <td>Rothschild (Large Value)</td> <td>+ 856,653</td> </tr> <tr> <td>Artisan Midcap Value Fund</td> <td>(707,007)</td> </tr> <tr> <td>Vanguard Growth Index Signal</td> <td>(672,374)</td> </tr> <tr> <td>Baird Midcap Institutional</td> <td>(780,508)</td> </tr> <tr> <td>Vanguard Explorer Admiral Shares</td> <td>(727,790)</td> </tr> <tr> <td>Adelante (REIT)</td> <td>+ 1,018,140</td> </tr> <tr> <td>UMB Scout International</td> <td>(terminated)</td> </tr> <tr> <td>Artisan Intl Value Fund</td> <td>+ 4,127,405</td> </tr> </table>	William Blair (Fixed Income)	+1,012,885	Rothschild (Large Value)	+ 856,653	Artisan Midcap Value Fund	(707,007)	Vanguard Growth Index Signal	(672,374)	Baird Midcap Institutional	(780,508)	Vanguard Explorer Admiral Shares	(727,790)	Adelante (REIT)	+ 1,018,140	UMB Scout International	(terminated)	Artisan Intl Value Fund	+ 4,127,405
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	<p>Per MVT recommendation and board approval at the Q2 meeting; the target for the Blair fixed income portfolio was changed from the Barclays Intermediate Aggregate, to the Barclays Aggregate. The Investment Policy was changed to reflect that amendment.</p> <p>The Investment Policy was amended and is prepared for possible approval.</p> <p>Hosted a pension trustee training conference at U.S. Cellular.</p> <p>Attended and spoke at the Illinois Public Pension Advisory Committee conference in St. Charles.</p> <p>Met with manager firms Artisan, Baird, Neuberger Berman, Nuveen, BMO, Alliance Bernstein, MFS, Pioneer, Wisdom Tree</p> <p>Attended custodian training events at both Schwab and TD Ameritrade.</p>
2Q2014	<p>MVT was selected as the consultants for both the Moline Police and Moline Fire Pension funds.</p> <p>Planned for the pension trustee conference on August 16th, at U.S. Cellular.</p> <p>Attended and spoke at the Illinois Public Pension Advisory Committee's spring conference.</p> <p>Attended and spoke at the Illinois City/County Managers Association conference.</p> <p>Attended the annual investor conference of Warren Buffet's Berkshire Hathaway.</p> <p>Met with manager firms Baird, Pioneer Funds, Mirae Asset Management, T-Rowe Price, Principal Group, Goldman Sachs, Heartland Advisors, Artisan Partners, Neuberger Berman.</p> <p>Attended due diligence meetings with American Funds, at their headquarters.</p> <p>Attended the Chicago and Champaign, IL - IICLE Annual Estate Planning conferences.</p> <p>Emily Agosto passed another part of the Illinois CPA exam (two down, two to go).</p> <p>Attended a TD Ameritrade event in Indianapolis, IN.</p>
1Q2014	<p>We continued to discuss the investment policy statement with Board attorney, Barbara Bell.</p> <p>We met in our offices with your managers: Heartland Value, Scout International, Vanguard, and Oakmark International.</p> <p>We attended the two-day Morningstar/Ibbotson economic conference; and met with</p>

	<p>the T.Rowe Price management team.</p> <p>We attended the TD Ameritrade conference in January and met with several managers.</p> <p>We hosted a Woman’s Investment Seminar.</p> <p>All members of our firm attended a mandatory internal compliance conference.</p> <p>Attended the IGFOA conference.</p> <p>Met with managers from Causeway Capital, WisdomTree, Nuveen, Ivy Funds, and Cohen&Steers.</p> <p>We are planning the trustee training event again for US Cellular. The date is currently planned for August 16th and does offer 8 hours of training credit.</p>
4Q2013	<p>The names on all of the accounts have been updated to show President Robert Orr, SecretaryMatthewFijalkowski, Finance Director Rachel Musiala, and Treasurer Stan Helgerson.</p> <p>Our firm has now been verified as “GIPS compliant” by outside accounting firm Ashland Partners.</p> <p>We presented at the annual AFFI Pension conference in Bloomington.</p> <p>We presented at the IPPAC seminar.</p> <p>We had due diligence meetings with T.Rowe Price at their headquarters.</p> <p>We attended the Schwab Annual Conference in Washington DC.</p> <p>We had investment presentations from Wisdom Tree, Skyline, Invesco, Ivy Funds,Goldman Sachs, DWS, and Nuveen.</p> <p>Emily Agosto, from our staff, passed the first portion of the CPA exam.</p> <p>Our Compliance Officer, Dwight Ower attended the National Regulatory compliance conference to maintain his certifications.</p>
3Q2013	<p>As per our discussion at the last meeting, we have updated the target allocation to match the state statute of 65% maximum allocation to non-fixed investments and minimum 35% to fixed investments.</p> <p>Due to the management changes at T Rowe Price we sold the remaining half of New America fund and replaced with the Vanguard Growth index fund.</p>

	<p>We transferred over \$300k to the Village to meet the minimum cash balance in the investment policy.</p> <p>We presented at the St. Charles IPPAC pension conference.</p> <p>We attended a meeting with the regional executives from Charles Schwab.</p> <p>We had discussions with our fixed income analytics product team from Bond Edge.</p> <p>We had due diligence meetings with Artisan and Heartland.</p> <p>We had investment presentations from DWS, Neuberger Berman, Invesco, Goldman Sachs, Van Eck, WisdomTree, and Skyline.</p> <p>Yocius has been named a board member at the Illinois Fire Safety Alliance.</p>
2Q2013	<p>Discussed with Rachel Musiala, the minimum cash requirements for the fund. The monthly pension amount is \$280,000. We agreed that \$600,000 should be the minimum in the cash account and the maximum should be \$1,000,000.</p> <p>We transferred \$4 million from the Blair fixed income account and moved it to the equity account(s) to move closer to our target of 60% equity and 40% fixed.</p> <p>Due to some management changes at T Rowe Price we replaced one-half of the New America fund with a lower cost index fund (Vanguard Growth).</p> <p>We moved into the institutional class of funds for Columbia (Acorn International), Heartland (Heartland Value) and Vanguard (Explorer).</p> <p>We sponsored a training event that included speakers from the State of Illinois (John Sinsheimer), Rothschild (Chris Travers), Judson University (Michelle Kilbourne), Baird (Tom Gavin), Heartland (Jeff Kohl), Goldman Sachs (David Gonzalez) as well as Project CURE and several MVT speakers.</p> <p>We attended the Pioneer annual conference.</p> <p>We had due diligence meetings with Baird, Vanguard, American Funds, T Rowe Price, and Blair.</p> <p>We attended presentations by the portfolio managers for Artisan International fund and the Heartland Value fund.</p> <p>We also had due diligence meetings with potential management teams from Managers Investments and MFS.</p> <p>Attended and presented at the Illinois Public Pension Advisory Committee (IPPAC) conference.</p>

<p>1Q2013</p>	<p>Increased the total equity percent from 52% (end of January) to 56% (now). Strategy is to move overall equity allocation to 65% by investing new tax receipts in equity and moving additional money from the Blair fixed income account.</p> <p>We had due diligence meetings with the management team of your large cap manager Rothschild, at their New York headquarters.</p> <p>We had due diligence meetings with WisdomTree, Clearbridge/Legg Mason, Neuberger Berman, Columbia, and Goldman Sachs in our office.</p> <p>We had a meeting with the senior management of Charles Schwab, your custodian, to discuss some of the concerns we had with the new account and transfer process for Hoffman Estates.</p> <p>We attended the two-day Morningstar/Ibbotson economic conference.</p> <p>We attended the TD Ameritrade conference in January and met with many of your managers.</p> <p>All members of our firm attended a mandatory internal compliance conference.</p> <p>We moved one step closer to GIPS verification of our firm.</p> <p>New account performance start dates are as follows: Blair: 1/31/2013 Rothschild: 1/31/2013 Adelante: 1/31/2013</p> <p>Using the current Investment Policy as a guide, the Hoffman Firefighters Target includes 60% Equity Blend plus 40% Barclays Intermediate Aggregate. The Equity blend includes 35% SP500, 20% MSCI EAFE, and 5% Wilshire REIT index.</p>
<p>4Q 2012</p>	<p>As of the end of December, 2012 all of the new accounts have been setup and all former US Bank account positions have been transferred. There are five accounts now established for the Pension fund. Four are separate account managers namely; Mitchell, Vaught & Taylor (fixed income-government), William Blair (fixed income-aggregate), Rothschild (equity-large value), and Adelante (equity-real estate). The remaining account contains all of the allowable equity mutual funds. The balances of each are included in the asset allocation report.</p>

Portfolio Statement

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Hoffman Estates Firefighters Pension Fund

Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Fire Adelante Managed Account							
Fixed Income							
Money Funds							
0.1%	MMF		Schwab Money Market		40,407.90		40,407.90
Domestic Equities							
Domestic							
0.1%	EQIX	08/26/2015	Equinix Inc New	255	80,456.67	357.410	91,139.55
0.1%	NNN	05/12/2016	National Retail Ppty	1,659	79,258.92	44.200	73,327.80
0.1%	OHI	08/02/2016	Omega Hlthcare Invs Inc	1,179	40,788.10	31.260	36,855.54
0.3%					200,503.69		201,322.89
Alternatives							
0.2%	AIV	01/12/2016	Airport Investment & Managem	3,645	147,993.20	45.450	165,665.25
0.1%	ARE	12/15/2015	Alexandria Real Estate	489	42,055.02	111.130	54,342.57
0.1%	AAT	08/13/2014	American Assets TRUST	1,461	53,430.37	43.080	62,939.88
0.1%	AMT	07/16/2014	American Tower	585	55,703.43	105.680	61,822.80
0.2%	BXP	07/16/2014	Boston Properties	1,002	125,057.83	125.780	126,031.56
0.1%	CHSP	02/11/2015	Chesapeake Lodging Trust	1,698	45,646.09	25.860	43,910.28
0.1%	SFR	11/22/2016	Colony Starwood Homes	1,863	55,693.06	28.810	53,673.03
0.1%	OFC	11/22/2016	Corporate Office Properties	2,307	67,462.36	31.220	72,024.54
0.1%	DCT	09/23/2015	DCT Industrial Trust	1,707	66,145.29	47.880	81,731.16
0.1%	DRE	06/29/2016	Duke Realty Corp	3,426	88,536.99	26.560	90,994.56
0.1%	DFT	01/12/2016	Dupont Fabros Technology	1,863	75,310.78	43.930	81,841.59
0.2%	EQR	07/23/2013	Equity Residential	2,808	181,460.70	64.360	180,722.88
0.2%	ESS	10/15/2013	Essex Property	666	133,199.56	232.500	154,845.00
0.2%	EXR	05/30/2013	Extra Space Storage Inc	1,452	98,624.71	77.240	112,152.48
0.1%	FCPT	06/06/2016	Four Corners Property Manage	2,268	45,585.82	20.520	46,539.36
0.1%	GGP	07/16/2014	General Growth Properties	2,808	72,018.26	24.980	70,143.84
0.1%	HTA	07/23/2013	Healthcare Trust of America	3,462	93,722.99	29.110	100,778.82
0.1%	HIW	04/20/2016	Highwood Properties Inc	1,767	84,176.81	51.010	90,134.67
0.1%	HLT	08/24/2016	Hilton Hotels Corp	2,892	70,338.27	27.200	78,662.40
0.2%	KRC	07/16/2014	Kilroy Realty Corp	1,899	128,668.10	73.220	139,044.78
0.1%	KIM	09/27/2016	Kimco Realty Corp	4,224	123,856.29	25.160	106,275.84
0.1%	MAR	07/16/2014	Marriott International	945	65,963.29	82.680	78,132.60
0.2%	PLD	05/07/2013	Prologis	3,261	134,403.39	52.790	172,148.19
0.3%	PSA	12/19/2012	Public Storage	993	197,466.33	223.500	221,935.50
0.2%	REG	04/01/2016	Regency Centers	2,127	159,091.03	68.950	146,656.65
0.1%	ROIC	11/22/2016	Retail Oppty Investments	2,583	52,796.42	21.130	54,578.79
0.5%	SPG	12/19/2012	Simon Property Group	2,001	348,366.29	177.670	355,517.67
0.1%	SUI	04/20/2016	Sun Communities	1,077	77,898.32	76.610	82,508.97
0.1%	VNO	12/22/2016	Vornado Realty	1,038	106,776.15	104.370	108,336.06

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Hoffman Estates Firefighters Pension Fund

Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Fire Adelante Managed Account							
Domestic Equities							
Alternatives							
0.2%	HCN	09/19/2014	Welltower Inc.	2,727	180,352.00	66.930	182,518.11
4.6%					3,177,799.15		3,376,609.83
4.9%					3,378,302.84		3,577,932.72
4.9%					3,418,710.74		3,618,340.62
Hoffman Estates Fire Mutual Funds Mutual Fund							
Fixed Income							
Money Funds							
0.2%	MMF		Schwab Money Market		130,432.17		130,432.17
Domestic Equities							
Domestic							
1.3%	BMDIX	12/28/2012	Baird Midcap Institutional	61,529.078	799,927.58	15.800	972,159.43
1.9%	DHMIX	06/29/2015	Diamond Hill Small Mid Cap In	65,672.448	1,297,214.83	21.390	1,404,733.66
17.1%	IWV	12/10/2012	Russell 3000 IShare	94,464.55	8,720,267.34	132.980	12,561,895.79
1.0%	PRDSX	03/14/2016	T Rowe Price Small Cap Growt	24,883.396	647,484.14	28.600	711,665.13
3.9%	VIGAX	06/03/2014	Vanguard Growth Admiral	49,716.18	2,184,945.56	57.310	2,849,234.28
25.2%					13,649,839.45		18,499,688.29
Alternatives							
1.7%	PRHSX	12/16/2013	T Rowe Price Health Sciences	20,813.985	1,419,423.36	59.080	1,229,690.23
26.8%					15,069,262.81		19,729,378.52
International Equities							
International							
5.0%	ARTKX	07/11/2014	Artisan Intl Value Fund	112,826.94	4,256,972.92	32.420	3,657,849.39
5.1%	OAKIX	12/10/2012	Oakmark International	166,175.629	3,580,842.27	22.700	3,772,186.78
1.0%	ODVYX	02/07/2013	Oppenheimer Developing Mark	22,059.466	788,621.26	31.970	705,241.13
1.7%	OSMYX	07/16/2015	Oppenheimer Intl Smid Cap In	34,369.604	1,238,748.14	36.720	1,262,051.86
12.8%					9,865,184.59		9,397,329.16
39.8%					25,064,879.57		29,257,139.85
Hoffman Estates Fire Rothschild LV Managed Account							
Fixed Income							
Money Funds							
0.4%	MMF		Schwab Money Market		315,757.60		315,757.60
Domestic Equities							
Domestic							
0.2%	ALL	12/28/2012	Allstate Corporation	2,049	109,569.17	74.120	151,871.88
0.2%	AEP	06/25/2014	American Electric Power	1,944	109,716.69	62.960	122,394.24
0.2%	AXP	02/19/2015	American Express Co.	1,553	119,434.60	74.080	115,046.24
0.2%	AIG	08/05/2013	American Int. Group	2,185	116,543.84	65.310	142,702.35
0.2%	AMP	12/28/2012	Ameriprise Financial Inc	1,095	95,375.76	110.940	121,479.30

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<u>Weight</u>	<u>Symbol</u>	<u>Trade Date</u>	<u>Description</u>	<u>Quantity</u>	<u>Cost Basis</u>	<u>Current Price</u>	<u>Current Value</u>
Hoffman Estates Fire Rothschild LV			Managed Account				
Domestic Equities							
Domestic							
0.1%	AMGN	07/31/2014	Amgen Incorporated	587	83,694.05	146.210	85,825.27
0.2%	AR	06/27/2016	Antero Resouces Corp	5,545	145,107.12	23.650	131,139.25
0.1%	AAPL	11/12/2014	Apple Computer Inc	677	66,999.24	115.820	78,410.14
0.5%	T	04/08/2014	AT & T	8,635	316,837.03	42.530	367,246.55
0.5%	BAC	11/04/2014	Bank of America	16,972	281,412.99	22.100	375,081.20
0.1%	BDX	05/07/2015	Becton Dickinson & Co	434	65,803.12	165.550	71,848.70
0.1%	BRKB	12/28/2012	Berkshire Hathaway Class B	388	43,151.07	162.980	63,236.24
0.2%	CBS	09/01/2015	Cbs Corporation Cl B New	2,110	95,948.84	63.620	134,238.20
0.4%	CVX	12/14/2012	Chevron Texaco	2,413	264,891.90	117.700	284,010.10
0.3%	CB	03/10/2016	Chubb Corp	1,708	204,438.23	132.120	225,660.96
0.2%	CSCO	07/16/2014	Cisco Systems Inc	5,359	145,198.33	30.220	161,948.98
0.2%	CMCSA	07/16/2014	Comcast	2,284	130,426.82	69.050	157,710.20
0.3%	COP	12/28/2012	Conoco Phillips	4,389	233,683.76	50.140	220,064.46
0.2%	DTE	07/15/2013	D T E Energy Company	1,468	118,997.94	98.510	144,612.68
0.1%	DHR	08/08/2016	Danaher Corp	1,154	94,059.89	77.840	89,827.36
0.2%	DAL	05/09/2016	Delta Air Lines	3,011	129,113.47	49.190	148,111.09
0.2%	DFS	12/28/2012	Discover Financial	2,500	120,124.98	72.090	180,225.00
0.3%	DOW	11/12/2014	Dow Chemical Company	3,231	166,104.53	57.220	184,877.82
0.3%	EOG	12/28/2012	E O G Resources	2,488	200,068.14	101.100	251,536.80
0.2%	EIX	12/07/2015	Edison International	2,302	140,731.35	71.990	165,720.98
0.1%	EGN	12/29/2016	Energen Corp	1,694	99,222.83	57.670	97,692.98
0.3%	XOM	02/06/2015	Exxon Mobil Corporation	2,564	216,849.13	90.260	231,426.64
0.1%	FLR	10/15/2015	Fluor Corporation	1,253	63,034.44	52.520	65,807.56
0.2%	GE	12/14/2012	General Electric Company	5,031	123,851.90	31.600	158,979.60
0.1%	GILD	04/07/2014	Gilead Sciences	1,304	127,099.46	71.610	93,379.44
0.2%	HAL	11/22/2016	Halliburton	2,362	116,461.72	54.090	127,760.58
0.1%	HPE	07/21/2016	Hewlett Packard Ente	4,503	93,430.99	23.140	104,199.42
0.1%	HD	09/10/2013	Home Depot Inc	638	61,220.28	134.080	85,543.04
0.2%	HBAN	11/30/2016	Huntington Bancshares Inc	12,062	155,860.91	13.220	159,459.64
0.4%	INTC	10/30/2015	Intel Corporation	7,277	252,366.65	36.270	263,936.79
0.1%	IP	12/22/2015	International Paper	1,804	70,279.13	53.060	95,720.24
0.6%	JPM	12/14/2012	J P Morgan Chase	4,762	238,100.23	86.290	410,912.98
0.2%	JNJ	07/16/2014	Johnson & Johnson	1,329	145,215.03	115.210	153,114.09
0.1%	KR	07/18/2014	Kroger Company	3,069	95,554.96	34.510	105,911.19
0.1%	MET	07/16/2014	Metropolitan Life	1,535	79,724.59	53.890	82,721.15
0.2%	MSFT	04/06/2015	Microsoft Corporation	1,795	89,715.71	62.140	111,541.30
0.3%	NOC	12/28/2012	Northrop Grumman Corp	858	105,942.80	232.580	199,553.64
0.2%	NUE	12/22/2016	Nucor Corp	1,892	116,830.22	59.520	112,611.84
0.2%	PH	12/01/2016	Parker-Hannifin Corp	1,264	181,586.50	140.000	176,960.00
0.2%	PEP	05/16/2014	Pepsico Inc	1,657	155,940.85	104.630	173,371.91
0.3%	PFE	07/16/2014	Pfizer	6,296	198,006.73	32.480	204,494.08
0.1%	PVH	10/10/2016	Phillips-Van Heusen Corp	1,175	132,582.93	90.240	106,032.00
0.3%	PG	12/28/2012	Procter & Gamble Co	2,433	195,001.27	84.080	204,566.64
0.2%	PEG	08/12/2016	PSEG Inc	3,113	135,222.32	43.880	136,598.44
0.1%	PHM	10/23/2014	PulteGroup Inc	5,361	107,265.18	18.380	98,535.18
0.2%	QCOM	12/07/2015	Qualcomm	2,777	164,111.10	65.200	181,060.40
0.1%	RTN	12/28/2012	Raytheon	547	46,162.88	142.000	77,674.00
0.1%	SKX	08/16/2016	Skechers U S A Inc	3,979	98,978.20	24.580	97,803.82
0.2%	SWK	09/29/2016	Stanley Black & Decker Inc	1,172	144,929.65	114.690	134,416.68
0.2%	STT	07/21/2016	State Street Corp	2,265	138,930.86	77.720	176,035.80
0.3%	STI	09/09/2015	Suntrust Banks Inc	3,951	161,064.20	54.850	216,712.35
0.1%	TWX	12/28/2012	Time Warner Inc	932	58,195.88	96.530	89,965.96
0.1%	TSN	06/17/2016	Tyson Foods Cl A	1,559	99,242.58	61.680	96,159.12
0.2%	UNH	09/23/2016	Unitedhealth Group	1,083	152,222.36	160.040	173,323.32

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Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Fire Rothschild LV			Managed Account				
Domestic Equities							
Domestic							
0.2%	WOOF	10/27/2016	V C A Antech Inc	1,625	99,356.89	68.650	111,556.25
0.2%	VLO	03/28/2016	Valero Energy	1,668	110,526.93	68.320	113,957.76
0.2%	VZ	03/15/2016	Verizon Communications	2,631	138,133.41	53.380	140,442.78
0.2%	WM	05/01/2015	Washington Mutual Inc	2,427	129,219.33	70.910	172,098.57
0.2%	WFC	12/14/2012	Wells Fargo	3,258	162,626.53	55.110	179,548.38
0.1%	WRK	12/15/2016	Westrock Co	1,834	95,991.56	50.770	93,112.18
					8,753,491.98		9,989,523.73
13.6%							
Alternatives							
0.1%	ELS	05/29/2015	Equity Lifestyle Ppty	1,385	80,398.81	72.100	99,858.50
0.1%	KIM	11/02/2016	Kimco Realty Corp	4,030	101,972.70	25.160	101,394.80
0.3%	LLY	12/21/2016	Lilly Eli & Company	2,503	183,661.88	73.550	184,095.65
0.2%	PLD	11/22/2016	Prologis	2,470	122,530.03	52.790	130,391.30
					488,563.42		515,740.25
0.7%							
					9,242,055.40		10,505,263.98
14.3%							
International Equities							
International							
0.2%	MDT	10/21/2016	Medtronic Inc	2,441	204,158.16	71.230	173,872.43
					9,761,971.16		10,994,894.01
15.0%							
Hoffman Estates Firefighters Blair			Managed Account				
Fixed Income							
Money Funds							
0.2%	MMF		Schwab Money Market		178,684.16		178,684.16
U. S. Treasury							
0.2%	912803AT0	12/31/2012	U S Treasury Strip 05/15/2020 0.00%	159,000	144,664.32	94.648	150,490.96
Agency							
1.0%	3128M9NR9	05/18/2016	Freddie Mac 04/01/2040 6.00% Par 629,718.35 (0.41981223) Accrued Income	1,500,000	750,681.09	114.939	723,789.45 1,679.25
Mortgage Backed							
0.0%	31390GSE8	12/31/2012	FNMA 06/01/2017 6.50% Par 4,663.44 (0.0013716) Accrued Income	3,400,000	39,958.23	101.045	4,712.17 26.10
0.0%	31371KY47	02/13/2014	FNMA 02/01/2018 5.00% Par 10,074.58 (0.00559699) Accrued Income	1,800,000	15,826.70	100.886	10,163.84 43.38
0.0%	31294KTB1	02/13/2014	FHLMC 09/01/2018 4.50% Par 6,548.71 (0.01700963) Accrued Income	385,000	8,864.32	101.406	6,640.76 25.38

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Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Firefighters Blair			Managed Account				
Fixed Income							
Mortgage Backed							
0.0%	3129637C9	01/18/2013	FHLMC 01/01/2019 5.00% Par 34,982.76 (0.02772576) Accrued Income	1,261,742	48,599.09	103.087	36,062.64
0.0%	312966PU2	02/13/2014	FHLMC 05/01/2019 4.50% Par 15,226.82 (0.03791832) Accrued Income	401,569	18,844.09	103.671	15,785.72
0.4%	31410GE41	01/11/2016	FNMA CMO POOL 888555 09/01/2021 5.50% Par 306,484.25 (0.06129685) Accrued Income	5,000,000	336,518.24	104.843	321,326.67
0.1%	31415CM53	02/10/2014	FNMA 05/01/2023 5.50% Par 73,506.88 (0.13364887) Accrued Income	550,000	87,715.46	106.317	78,150.09
0.1%	31416NAV4	01/25/2013	FNMA 03/01/2024 4.50% Par 82,254.61 (0.12654555) Accrued Income	650,000	111,663.08	105.567	86,833.56
0.2%	31415YWX3	01/23/2013	FNMA 04/01/2024 4.00% Par 145,991.02 (0.15782813) Accrued Income	925,000	181,963.81	104.059	151,917.09
0.1%	31416NSS2	01/25/2013	FNMA 04/01/2024 4.50% Par 73,597.82 (0.15494278) Accrued Income	475,000	93,047.87	105.594	77,715.10
0.1%	31412QRQ4	02/05/2013	FNMA 11/01/2024 4.00% Par 72,997.48 (0.20856424) Accrued Income	350,000	88,903.84	104.378	76,193.17
1.4%	3138ETPP5	11/29/2016	FNMA POOL AL8529 11/01/2024 6.00% Par 958,226.76 (0.83324066) Accrued Income	1,150,000	1,043,279.39	108.523	1,039,898.34
0.1%	31417S5T3	01/30/2013	FNMA 12/01/2024 4.00% Par 90,226.22 (0.2577892) Accrued Income	350,000	111,179.41	104.369	94,168.29
0.1%	31418WCA6	04/11/2013	FNMA 08/01/2025 4.00% Par 89,439.34 (0.35775734) Accrued Income	250,000	108,033.52	104.375	93,352.13
0.6%	3138EKEZ4	01/21/2015	FNMA 08/01/2026 4.00% Par 417,588.13 (0.41758813) Accrued Income	1,000,000	468,931.56	104.368	435,829.21
0.2%	3138XJDT1	02/11/2014	FNMA 02/01/2029 4.00% Par 112,646.07 (0.56323037) Accrued Income	200,000	128,286.99	104.359	117,556.20
							388.00

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Hoffman Estates Firefighters Blair			Managed Account				
Fixed Income							
Mortgage Backed							
0.2%	31385XAJ6	01/15/2016	FNMA PASS-THRU POOL 555 04/01/2033 5.50% Par 101,054.18 (0.06736945) Accrued Income	1,500,000	117,767.45	112.609	113,796.10 92.63
0.0%	31402QYE5	02/13/2014	FNMA 06/01/2033 6.50% Par 17,049.36 (0.04598538) Accrued Income	370,756	21,090.84	113.600	19,368.08 95.43
0.5%	31402YF25	12/23/2014	FNMA 10/01/2033 5.50% Par 294,872.19 (0.09829073) Accrued Income	3,000,000	363,244.46	112.603	332,036.11 1,396.55
0.1%	31296SNU6	04/27/2015	FHLMC 01/01/2034 5.50% Par 56,876.43 (0.14219107) Accrued Income	400,000	67,015.03	112.687	64,092.34 269.37
0.2%	3128KA3X7	01/18/2013	FHLMC 06/01/2036 6.00% Par 103,727.49 (0.04233775) Accrued Income	2,450,000	142,632.16	113.441	117,669.50 535.93
0.9%	3138EKZP3	07/09/2014	FNMA PI AI 07/01/2036 6.00% Par 566,455.00 (0.47204583) Accrued Income	1,200,000	705,665.44	115.166	652,365.26 2,926.68
0.3%	31407JDN9	12/19/2014	FNMA PI 09/01/2036 6.00% Par 219,619.29 (0.07320643) Accrued Income	3,000,000	267,227.24	113.953	250,262.11 1,134.70
0.8%	31416VJK1	03/23/2016	FNMA FN AB0265 02/01/2037 6.00% Par 499,487.80 (0.12487195) Accrued Income	4,000,000	595,709.65	114.716	572,989.93 2,497.44
1.4%	31410GKQ5	08/13/2014	FNMA FN 888703 08/01/2037 6.50% Par 878,706.10 (0.17574122) Accrued Income	5,000,000	1,114,167.27	115.247	1,012,678.03 951.93
0.1%	31413J5Z3	01/18/2013	FNMA 10/01/2037 6.00% Par 48,698.92 (0.16782892) Accrued Income	290,170	66,111.49	115.291	56,145.32 251.61
0.3%	3138EHAE2	04/14/2015	FNMA 01/01/2038 5.50% Par 207,570.90 (0.2767612) Accrued Income	750,000	255,046.75	112.563	233,648.03 951.37
0.2%	3128L53T6	01/18/2013	FHLMC 02/01/2038 6.00% Par 153,753.86 (0.13977624) Accrued Income	1,100,000	215,068.81	114.927	176,704.70 794.39
0.5%	3128M6JK5	08/12/2015	FHLMC Pool 07/01/2038 5.50% Par 331,676.61 (0.19510389) Accrued Income	1,700,000	392,019.76	112.620	373,534.53 1,520.18

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Hoffman Estates Firefighters Pension Fund

<u>Weight</u>	<u>Symbol</u>	<u>Trade Date</u>	<u>Description</u>	<u>Quantity</u>	<u>Cost Basis</u>	<u>Current Price</u>	<u>Current Value</u>
Hoffman Estates Firefighters Blair Managed Account							
Fixed Income							
Mortgage Backed							
0.1%	31410LBB7	01/18/2013	FNMA 10/01/2038 6.00% Par 79,433.97 (0.12127324) Accrued Income	655,000	112,890.89	113.669	90,291.40 410.41
0.1%	3128M7VQ6	04/23/2013	FHLMC 11/01/2038 6.50% Par 54,679.26 (0.13669814) Accrued Income	400,000	74,061.78	114.260	62,476.24 306.05
0.5%	3128M9B92	06/24/2014	FHLMC G 11/01/2038 5.50% Par 352,786.84 (0.35278684) Accrued Income	1,000,000	432,648.44	112.632	397,349.82 1,670.84
0.1%	31417MS38	12/11/2013	FNMA 10/01/2039 5.00% Par 91,841.41 (0.27830729) Accrued Income	330,000	108,081.05	109.717	100,765.45 395.43
0.2%	312938K69	12/18/2014	FHLMC A 12/01/2039 5.00% Par 128,916.77 (0.33925466) Accrued Income	380,000	152,521.00	110.449	142,387.80 555.06
0.2%	31417WT35	03/30/2015	FNMA 02/01/2040 5.00% Par 129,688.73 (0.43229578) Accrued Income	300,000	153,766.98	110.817	143,717.68 558.38
0.1%	312940DH9	12/31/2012	FHLMC 04/01/2040 5.50% Par 75,960.57 (0.37980286) Accrued Income	200,000	85,120.48	111.244	84,501.88 359.76
0.1%	31412RH42	01/29/2015	FNMA 04/01/2040 5.00% Par 80,478.60 (0.37362049) Accrued Income	215,402	95,412.60	110.803	89,172.38 335.33
0.1%	3129405F2	06/25/2013	FHLMC 06/01/2040 5.50% Par 41,402.04 (0.33121632) Accrued Income	125,000	50,514.10	112.174	46,442.28 196.08
0.1%	31418UWC4	01/16/2013	FNMA 06/01/2040 5.00% Par 57,896.25 (0.36876595) Accrued Income	157,000	70,107.91	109.732	63,530.83 249.28
0.2%	31416WHY1	01/17/2013	FNMA PI 06/01/2040 5.00% Par 136,388.87 (0.27277774) Accrued Income	500,000	170,410.96	109.752	149,689.92 587.23
0.6%	3138ERHB9	10/11/2016	FNMA 07/01/2040 6.00% Par 385,583.01 (0.96395753) Accrued Income	400,000	457,343.01	114.696	442,247.13 1,927.92
2.4%	3138ERHC7	10/11/2016	FNMA 08/01/2040 5.50% Par 1,559,322.27 (0.97457642) Accrued Income	1,600,000	1,821,332.27	112.996	1,761,964.00 7,146.89

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Hoffman Estates Firefighters Pension Fund

Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Firefighters Blair Managed Account							
Fixed Income							
Mortgage Backed							
0.2%	3138A7F37	06/24/2015	FNMA 02/01/2041 5.00% Par 136,444.77 (0.45481591) Accrued Income	300,000	159,515.42	110.840	151,235.25 587.47
0.6%	3128M8UG7	06/24/2013	FHLMC 06/01/2041 5.00% Par 390,119.61 (0.45896425) Accrued Income	850,000	463,605.70	110.446	430,871.51 1,679.68
0.1%	3138EHAP7	08/21/2015	FNMA PI AI 07/01/2041 6.00% Par 85,566.16 (0.17113231) Accrued Income	500,000	102,331.46	113.681	97,272.29 442.09
14.8%					11,724,046.00		10,916,988.90
TIPS							
0.3%	912828LA6	08/29/2014	Treasury Inflation-Indexed 07/15/2019 1.875% Par 198,105.25 (1.13203) Accrued Income	175,000	210,499.32	106.453	210,889.18 169.75
1.5%	912810FH6	09/03/2014	Treasury Inflation-Indexed 04/15/2029 3.875% Par 814,551.74 (1.47031) Accrued Income	554,000	1,164,447.07	136.594	1,112,627.17 1,402.84
1.8%					1,374,946.39		1,325,088.94
Corporate Bonds							
0.1%	6174466Q7	01/03/2013	Morgan Stanley 04/01/2018 6.625% Accrued Income	100,000	116,551.50	105.622	105,622.00 1,656.25
0.3%	24422EQV4	01/10/2013	Deere & Company 09/10/2018 5.75% Accrued Income	175,000	210,098.00	106.672	186,675.13 3,102.60
0.2%	590188JN9	01/15/2013	Merrill Lynch 11/15/2018 6.875% Accrued Income	150,000	185,038.50	108.563	162,844.35 1,317.71
0.3%	056752AD0	12/19/2014	Baidu Inc 06/09/2019 2.75% Accrued Income	200,000	199,228.00	100.933	201,866.40 336.11
0.3%	25470DAA7	01/28/2013	Discovery Communications 08/15/2019 5.625% Accrued Income	200,000	233,464.50	107.976	215,951.00 4,250.00
0.3%	776696AC0	11/07/2014	Roper Industries 09/01/2019 6.25% Accrued Income	200,000	233,343.00	109.839	219,677.40 4,166.67
0.3%	760761AB2	01/24/2013	Republic Services 09/15/2019 5.50% Accrued Income	175,000	202,581.75	108.716	190,252.65 2,834.03
0.3%	10112RAQ7	01/07/2013	Boston Properties 10/15/2019 5.875% Accrued Income	200,000	236,762.50	108.965	217,929.40 2,480.56
0.3%	345397VM2	01/08/2013	Ford Motor Credit 01/15/2020 8.125% Accrued Income	175,000	223,228.25	115.027	201,296.73 6,556.42

Portfolio Statement

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Hoffman Estates Firefighters Pension Fund

Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Firefighters Blair Managed Account							
Fixed Income							
Corporate Bonds							
0.3%	743263AR6	08/21/2014	Progress Energy 01/15/2021 4.40%	200,000	220,486.00	105.998	211,996.00
			Accrued Income				4,057.78
0.3%	14040HAY1	06/05/2014	Capital One 07/15/2021 4.75%	200,000	221,680.50	107.866	215,731.40
			Accrued Income				4,380.56
0.3%	67103HAB3	10/18/2013	O'Reilly Automotive Inc 09/15/2021 4.625%	175,000	186,172.99	107.315	187,801.78
			Accrued Income				2,383.16
0.3%	36962G5J9	06/09/2014	General Electric 10/17/2021 4.65%	200,000	222,431.50	109.471	218,942.60
			Accrued Income				1,911.67
0.3%	574599BH8	10/16/2013	Masco Corporation 03/15/2022 5.95%	200,000	219,307.50	110.250	220,500.00
			Accrued Income				3,503.89
0.3%	501044CQ2	01/23/2013	Kroger Co 04/15/2022 3.40%	200,000	205,358.50	101.915	203,830.80
			Accrued Income				1,435.56
0.3%	254709AG3	01/23/2013	Discover Financial Services 04/27/2022 5.20%	200,000	227,881.50	107.496	214,991.40
			Accrued Income				1,848.89
0.2%	21036PAH1	12/27/2016	Constellation Brands 05/01/2022 6.00%	100,000	113,001.00	112.750	112,750.00
			Accrued Income				1,011.05
0.3%	48020QAA5	12/18/2014	JONES LANG LASALLE INC S 11/15/2022 4.40%	200,000	206,763.75	102.782	205,564.20
			Call 08/15/2022, 100.00				
			Accrued Income				1,142.54
0.3%	98310WAL2	06/04/2014	Wyndham Worldwide 03/01/2023 3.90%	200,000	199,011.00	99.780	199,560.20
			Accrued Income				2,600.00
0.3%	949746RE3	08/25/2014	Wells Fargo Note 01/16/2024 4.48%	200,000	214,225.25	105.169	210,338.60
			Accrued Income				4,114.78
0.3%	31572UAE6	05/08/2015	Fibria Overseas Note 05/12/2024 5.25%	200,000	206,810.00	101.500	203,000.00
			Accrued Income				1,450.28
0.3%	87165BAD5	08/06/2014	Synchrony Financial 08/15/2024 4.25%	200,000	200,692.75	101.756	203,511.20
			Accrued Income				3,211.11
0.3%	690742AE1	03/18/2015	Owens Corning 12/01/2024 4.20%	225,000	230,182.75	102.364	230,319.68
			Call 09/01/2024, 100.00				
			Accrued Income				804.81
0.3%	404280AS8	09/10/2014	HSBC Holdings 09/17/2024 6.375%	200,000	200,010.00	99.250	198,500.00
			Accrued Income				3,683.33
0.3%	828807CW5	01/28/2016	Simon Property Callable 01/15/2026 3.30%	200,000	199,486.00	98.999	197,997.20
			Call 10/15/2025, 100.00				
			Accrued Income				3,048.91

Portfolio Statement

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Hoffman Estates Firefighters Pension Fund

Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Firefighters Blair Managed Account							
Fixed Income							
Corporate Bonds							
0.3%	11271LAA0	05/25/2016	Brookfield Finance Inc Callable 06/02/2026 4.25% Call 03/02/2026, 100.00 Accrued Income	200,000	199,305.00	99.462	198,923.00 700.55
0.1%	98419MAJ9	10/03/2016	Xylem Corp Bond 11/01/2026 3.25% Call 08/01/2026, 100.00 Accrued Income	100,000	99,804.00	97.122	97,121.80 547.65
0.3%	46625HHF0	08/20/2014	JPM Chase 05/15/2038 6.40% Accrued Income	150,000	190,418.50	129.288	193,931.70 1,246.41
0.3%	20825CAQ7	01/21/2016	Conoco Phillips Note 02/01/2039 6.50% Accrued Income	175,000	160,000.25	126.198	220,847.20 4,729.28
0.2%	71654QAZ5	08/20/2014	Petro Mexicanos 06/02/2041 0.00% Accrued Income	150,000	179,531.50	93.490	140,234.25 4,729.28
0.3%	30219GAG3	08/26/2014	Express Scripts 11/15/2041 6.125% Accrued Income	175,000	219,563.75	113.763	199,085.08 1,391.66
0.3%	172967FX4	01/20/2015	Citigroup 01/30/2042 5.875% Accrued Income	175,000	224,277.75	117.992	206,486.18 4,330.42
0.3%	06051GEN5	08/06/2014	Bank of America Corp 02/07/2042 5.875% Accrued Income	150,000	177,937.00	120.690	181,034.40 3,525.00
0.2%	26884ABE2	02/03/2016	ERP Partnership 06/01/2045 4.50% Call 12/01/2044, 100.00 Accrued Income	175,000	181,075.50	100.191	175,334.25 670.67
0.2%	666807BJ0	02/03/2015	Northrop Grumman Corp w Cal 04/15/2045 3.85% Accrued Income	150,000	139,579.50	94.745	142,117.50 1,237.50
0.3%	38141GVS0	05/24/2016	Goldman Sachs Group Inc. Bo 10/21/2045 4.75% Call 04/21/2045, 100.00 Accrued Income	200,000	212,176.00	104.978	209,955.00 1,879.12
0.3%	035242AN6	01/13/2016	ANHEUSER-BUSCH INBEV FI 02/01/2046 4.90% Call 08/01/2045, 100.00 Accrued Income	175,000	185,398.75	108.020	189,034.30 3,565.15
0.3%	037833BX7	02/16/2016	Apple Inc 02/23/2046 4.65% Call 08/23/2045, 100.00 Accrued Income	200,000	199,567.25	107.909	215,818.60 3,310.60
0.1%	30231GAW2	02/29/2016	Exxon Mobil 03/01/2046 4.114% Call 09/01/2045, 100.00 Accrued Income	75,000	75,010.00	102.160	76,619.70 1,039.86
0.3%	713448DD7	10/08/2015	Pepsico Note 04/14/2046 4.45% Call 10/14/2045, 100.00 Accrued Income	200,000	205,773.75	106.145	212,290.00 1,931.59

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Hoffman Estates Firefighters Pension Fund

Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Firefighters Blair Managed Account							
Fixed Income							
Corporate Bonds							
0.3%	00206RCQ3	04/23/2015	AT&T Callable Bond 05/15/2046 4.75% Call 11/15/2045, 100.00 Accrued Income	200,000	191,484.00	94.728	189,455.40
0.2%	92343VDC5	07/27/2016	Verizon Communications 08/15/2046 4.125% Call 02/15/2046, 100.00 Accrued Income	200,000	200,476.50	90.294	1,233.43 180,587.00
0.3%	594918BM5	10/29/2015	Microsoft Corp 11/03/2055 4.75% Call 05/03/2055, 100.00 Accrued Income	200,000	200,379.00	108.698	3,116.17 217,396.00
							1,548.34
11.3%					8,355,554.99		8,287,013.55
29.4%					22,528,576.95		21,583,735.21
29.4%					22,528,576.95		21,583,735.21

Hoffman Estates Firefighters MVT Bonds Fixed Income

Fixed Income

Money Funds

0.1%	MMF		Schwab Money Market		37,135.28		37,135.28
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U. S. Treasury

0.4%	912828PF1	11/05/2010	Treasury Note 10/31/2017 1.875% Accrued Income	260,000	262,672.13	100.828	262,153.06 826.04
0.3%	912810EA2	05/07/2007	Treasury Note 05/15/2018 9.125% Accrued Income	205,000	286,024.54	110.906	227,357.92 2,390.24
0.4%	912803AN3	02/28/2014	Treasury Strip 05/15/2018 0.00%	285,000	270,586.15	98.617	281,059.02
0.1%	912828VE7	06/17/2014	US Treasury Note 05/31/2018 1.00% Accrued Income	90,000	88,593.51	99.953	89,957.79 79.12
0.6%	912828JH4	10/15/2008	Treasury Bond 08/15/2018 4.00% Accrued Income	400,000	409,845.35	104.688	418,750.00 6,044.44
0.5%	912803AP8	05/14/2013	Treasury Strip 11/15/2018 0.00%	400,000	380,050.00	97.938	391,750.00
0.6%	912828LY4	12/17/2009	Treasury Note 11/15/2019 3.375% Accrued Income	450,000	442,055.32	105.469	474,609.60 1,971.86
0.3%	912828U32	11/16/2016	US Treasury Note 11/15/2019 1.00% Accrued Income	240,000	237,846.16	98.766	237,037.44 311.60
0.1%	912828U73	12/20/2016	US Treasury Note 12/15/2019 1.375% Accrued Income	80,000	79,570.86	99.750	79,800.00 51.37
0.2%	912828K58	08/20/2015	US Treasury Note 04/30/2020 1.375% Accrued Income	160,000	159,335.54	99.328	158,924.96 376.80

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Hoffman Estates Firefighters Pension Fund

<u>Weight</u>	<u>Symbol</u>	<u>Trade Date</u>	<u>Description</u>	<u>Quantity</u>	<u>Cost Basis</u>	<u>Current Price</u>	<u>Current Value</u>
Hoffman Estates Firefighters MVT Bonds Fixed Income							
Fixed Income							
U. S. Treasury							
0.6%	912828NT3	09/14/2010	Treasury Note 08/15/2020 2.625%	450,000	447,470.55	103.328	464,976.45
			Accrued Income				4,461.79
0.3%	912828M98	12/08/2015	US Treasury Note 11/30/2020 1.625%	245,000	244,446.17	99.531	243,851.69
			Accrued Income				350.00
0.3%	912828A83	12/30/2014	Treasury Note 12/31/2020 2.375%	240,000	246,882.83	102.375	245,700.00
			Accrued Income				15.75
0.4%	912828RC6	10/19/2011	Treasury Bond 08/15/2021 2.125%	300,000	299,028.54	100.859	302,578.20
			Accrued Income				2,407.95
0.3%	912828SF8	02/23/2015	US Treasury Note 02/15/2022 2.00%	240,000	242,148.46	100.063	240,150.00
			Accrued Income				1,813.04
0.1%	912828L57	10/20/2015	US Treasury Note 09/30/2022 1.75%	85,000	84,884.17	98.016	83,313.26
			Accrued Income				380.05
0.4%	912828M49	11/06/2015	US Treasury Note 10/31/2022 1.875%	330,000	329,001.78	98.578	325,307.73
			Accrued Income				1,059.74
0.3%	912828TY6	09/11/2013	Treasury Bond 11/15/2022 1.625%	200,000	180,182.68	97.250	194,500.00
			Accrued Income				421.96
0.7%	912828VB3	12/01/2014	US Treasury Note 05/15/2023 1.75%	550,000	535,492.91	97.281	535,047.15
			Accrued Income				1,249.65
0.3%	912828G38	05/17/2016	Treasury Bond 11/15/2024 2.25%	240,000	250,567.21	99.281	238,275.12
			Accrued Income				690.00
7.5%					5,476,684.86		5,520,000.79
Agency							
0.5%	31398ADM1	02/18/2010	FNMA 5.375% 06/12/2017 5.375%	350,000	390,247.55	102.086	357,299.60
			Accrued Income				992.88
0.4%	3135G0RT2	03/14/2014	FNMA 12/20/2017 0.875%	300,000	297,434.80	99.951	299,854.20
			Accrued Income				80.21
0.4%	3137EACA5	02/08/2012	FHLMC 3.75% 3/27/2019 03/27/2019 3.75%	250,000	286,154.50	105.342	263,355.00
			Accrued Income				2,486.19
0.3%	3135G0ZY2	12/30/2014	FNMA 11/26/2019 1.75%	250,000	250,006.25	100.672	251,680.00
			Accrued Income				425.35
0.4%	3136FPJS7	09/14/2010	FNMA 09/28/2020 3.05%	245,000	245,490.00	104.747	256,630.64
			Accrued Income				1,961.02
2.0%					1,469,333.10		1,434,765.09

Portfolio Statement

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Hoffman Estates Firefighters Pension Fund

Weight	Symbol	Trade Date	Description	Quantity	Cost Basis	Current Price	Current Value
Hoffman Estates Firefighters MVT Bonds Fixed Income							
Fixed Income							
Corporate Bonds							
0.1%	00206RBC5	05/14/2012	AT&T Inc Corporate Bond 02/15/2017 1.60%	85,000	85,969.85	100.000	84,999.75
			Accrued Income				513.78
0.1%	94974BFD7	06/18/2012	Wells Fargo 05/08/2017 2.10%	90,000	90,028.80	100.290	90,261.09
			Accrued Income				278.25
0.1%	025816AX7	10/05/2016	American Express 08/28/2017 6.15%	40,000	41,710.00	102.985	41,194.08
			Accrued Income				840.50
0.2%	38141GRC0	04/03/2013	Goldman Sachs Corporate Bo 01/22/2018 2.375%	180,000	183,224.80	100.537	180,966.60
			Accrued Income				1,888.13
0.1%	931142DF7	04/17/2013	Walmart Stores 04/11/2018 1.125%	90,000	90,222.40	99.762	89,786.16
			Accrued Income				225.00
0.1%	24422ESF7	12/11/2013	John Deere Corp Bond 12/13/2018 1.95%	65,000	64,997.00	100.504	65,327.67
			Accrued Income				63.38
0.0%	172967HM6	09/22/2014	Citigroup 04/08/2019 2.55%	15,000	15,138.25	100.849	15,127.40
			Accrued Income				88.19
0.1%	46625HLW8	11/18/2015	JP Morgan Chase 06/23/2020 2.75%	80,000	81,026.62	100.778	80,622.16
			Accrued Income				48.89
0.2%	46625HHS2	05/04/2016	JP Morgan Chase Bond 07/22/2020 4.40%	160,000	174,570.00	106.151	169,841.12
			Accrued Income				3,118.26
0.1%	68389XBA2	01/27/2015	Oracle Corp 07/08/2021 2.80%	80,000	83,184.40	102.414	81,930.96
			Accrued Income				1,077.39
0.1%	949746SA0	07/22/2016	Wells Fargo 07/26/2021 2.10%	80,000	80,388.56	97.173	77,738.32
			Accrued Income				725.87
0.1%	06367TJX9	11/14/2016	Bank Montreal 08/27/2021 1.90%	85,000	83,565.00	96.782	82,264.36
			Accrued Income				556.28
1.5%					1,074,025.68		1,069,483.59
11.0%					8,057,178.92		8,061,384.75
11.0%					8,057,178.92		8,061,384.75
99.7%					68,831,317.34		73,327,201.54
			Total Accrued Income				188,292.90
100.0%							73,515,494.44

This report includes data currently available to the investment manager. Past performance is no guarantee of future performance. Indices are not available for direct investment. An investment product which attempts to mimic the performance of an index will incur expenses such as management fees and transaction costs which reduce returns. We urge our clients to compare MVT statements with those from custodians.

Hoffman Estates Firefighters Pension

Definitions and Disclosures

Timing of Performance Information

It is quite common to have inaccurate information regarding index returns as well as pricing and transaction data from custodians at the end of a reporting period. Often, these inaccuracies are cleared up within the first week or two of the following period. Our pension clients should be aware that quarter-end data reported within the first two weeks of a new quarter has a higher likelihood of inaccuracy. We do our best to weed out these problems, but there may be times when we feel it necessary to leave out the performance for the final month of a quarter.

Index Returns

Index returns are reported directly from Morningstar.

Each portfolio is presented with an index or blend of indexes for performance comparison. Detailed similarities and differences between a style and a particular index are available upon request. No single index will precisely reflect a particular investment style; thus, the performance results of the indices chosen should be used for informational purposes only. In addition, the periods shown are for comparative purposes, and it should not be assumed that performance was identical in other periods not shown. These indices are unmanaged and do not include potential commissions, fees, or other transaction costs. You cannot invest directly in an index.

Per the investment policy, the benchmark for the total portfolio is 40% Barclays Intermediate Aggregate Index and 60% of an Equity Blended Index.

The equity blended index is 58.3% S&P 500, 33.3% MSCI EAFE, and 8.34% Wilshire REIT Index. As of January 1, 2016 the equity blended index was changed to 58.3% Russell 3000, 33.3% MSCI All Country World Index xUSA, and 8.34% Wilshire REIT Index.

The benchmark for the William Blair and Company fixed income managed account was the Barclays Intermediate Aggregate Index from 01/31/2013 (inception) until 08/13/2014. Since then, the benchmark is the Barclays Aggregate Bond Index.

The benchmark for the Mitchell, Vaught & Taylor fixed income managed account is a blend of 90% Barclays Intermediate Government Index and 10% Barclays Corporate A+ 1-5 Year Index.

General Statement

It must be understood that market or economic conditions change often and that these changes, whether anticipated by the manager or having occurred unexpectedly, can have either a positive or a negative effect on the performance of a client's portfolio.

The performance results portrayed reflect the reinvestment of dividends when legal for the client to do so (otherwise, the dividends are paid out in cash), interest and all other cash represent in the account for the time periods specified.

Gross of fee reports do not include advisory fees, trading costs, etc.