# Miramar Firefighters

# Performance Review September 2017

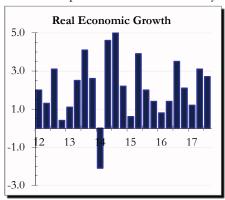




#### ECONOMIC ENVIRONMENT

#### Three Devastating Hurricanes

This summer brought destruction and uncertainty to the South and Puerto Rico, with Hurricanes Harvey, Irma, and Maria all causing major damage. The full impact of those storms may be years in the unfolding. In spite of



the damage and uncertainty, the US economy was surprisingly strong. Annualized Q3 GDP (advance estimate) rose 3.0% and the most recent manufacturing statistics were at or near record highs. Domestic employment gains surged until September, when the hurricanes dampened service jobs. Consumer confidence was high, especially for the months ahead. Finally, the Fed announced an end

to quantitative easing, beginning in October. Investors liked what they heard, sending equity markets higher.

- Q3 GDP increased at an annualized 3.0%, following a 3.1% expansion in Q2. There were substantial gains in personal consumption; corporate investment; decelerating imports; and federal government spending. Losses stemmed from lower homeowner investment, declining state and local government spending, and decelerating exports.
- Jobs-wise, there were 172,000 hires per month over the 12-months ending in August. However, in September, the hurricanes essentially stopped third quarter job growth in its tracks, resulting in a loss of 33,000 jobs for the month. At the same time, the September unemployment rate dipped to 4.2% as The Bureau of Labor Statistics included the same service employees as if they were still employed. Average earnings are also on the rise and have grown almost 3% for the year ended August.
- Home prices advanced 6.9%, year-over-year through August. Utah (+11.2%) and Washington (+13%) were the two hottest markets in

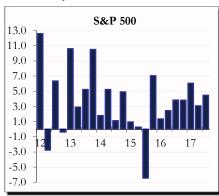
- the country. Only West Virginia experienced price drops. The best-performing metropolitan markets were Las Vegas (+8.4), Denver (+8.3%), San Francisco (+7.7%), and San Diego (+7.4%).
- Manufacturing was an economic leader in the third quarter, as the ISM Manufacturing Index expanded for the 100th consecutive month! The September index reading was 60.8% (greater than 50% indicates growth), up 2% from August. Seventeen of the eighteen manufacturing industries reported growth. Only furniture and related products contracted.
- The September ISM Services Index climbed for the 93<sup>rd</sup> consecutive month (59.8%), up 4.5% from August. Further, 15 of the service industries gained momentum. Arts/entertainment and mining services were the only two declining sectors.
- Consumer confidence was near the high in September, posting 119.8 (where 100 is the base).
- Buoyed by higher oil prices and metals demand, the Q3 Commodities Index was up 2.5%. Excluding energy, however, the index was essentially flat. Petroleum products, including unleaded gas, rose a whopping 15%. Metals, such as nickel and zinc, enjoyed double-digit gains, reflecting Chinese and EU demand. Yet prices of agricultural products, especially grains, fell 9.5% in sync with abundant supply. Overall, commodity prices continue their volatility.
- After remaining virtually flat in the 2<sup>nd</sup> quarter, all-item seasonally adjusted CPI ticked up 1% during the 3<sup>rd</sup> quarter, bringing the trailing 12-month rise to 2.2%. Much of this was due to Hurricane Harvey's impact on energy supplies, as the energy CPI saw a sharp rise of 9.0% during the quarter.
- In a momentous move, the Fed announced that it will begin withdrawing the \$4.5 trillion it purchased since the 2008 financial crisis. This decision was based on the Fed's expectation for continued GDP growth and low unemployment. In other words, the Fed believes that the economy has emerged from the crisis. The \$10 billion per month in expected bond sales should induce somewhat higher interest rates. In addition, there is an expectation of one more

increase in the Fed Funds rate this December. As a footnote, Chair Yellen noted that the ongoing low inflation rate (under 2% per year) remains a mystery. The Fed strongly prefers a 2% rate to ensure against disinflation.

#### **DOMESTIC EQUITIES**

#### Stocks Again Hit Record Levels

The Q3 stock market continued to defy logic. Amidst the US political uncertainty, environmental disasters, terrorism here and abroad, and a stock



market that has already climbed so high for so long, how did stocks continue their ascent? The answer includes strong corporate earnings, healthy consumer and government spending, and business confidence. As a result, all of the major US indices advanced. The broad market Russell 3000 was up 4.6%. The S&P 500 gained 4.5%. The DJIA added 5.6%, with dividends. The NASDAQ Tech Index rose

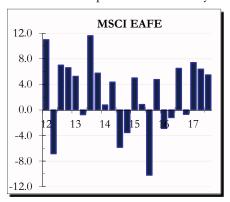
6.1%. As in Q2, growth stocks rose more than cyclicals. For example, among large-cap names, the Growth Index was up 5.9% vs. 3.1% for the Value Index. The style differences were less in the small-cap arena. Small-cap growth stocks were up 6.2% compared to 5.1% for the equivalent value stocks. REITs brought up the rear, with the NAREIT Index gaining only 1.1%.

Each of the S&P sectors added value. Tech gained 6.5% as the likes of Apple and Amazon shares reached record highs. Energy, reflecting the hurricane-related price surge, posted 7.5%. Financial stocks, with stable capital bases and hints of higher interest rates ahead, added 5.3%. The transportation sector trailed, but still rose 2.3%. If all of the positive news suggested the markets were pricey, they were! More than 60% of the stocks had P/E ratios of 20 or more. However, many investors expect upcoming earnings releases to keep pace with the heady prices.

#### **INTERNATIONAL EQUITIES**

#### Economic and Political News Spurred Developed Markets Commodity Prices and Tech Sales Drove EM

European economies continued to recover, as corporate earnings accelerated and political uncertainty diminished everywhere, with the sole



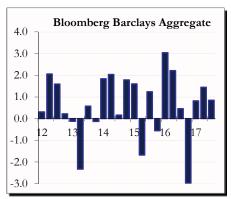
exception of Spain. Asian economies also gained ground. The MSCI EAFE Index of developed countries rose 5.5%. Euro countries generated an 8.1% return vs. 4.2% for the Far East. Within Europe, Italy was the star (+13.9%), as Italian production was at a 6-year high. Portugal was right behind, gaining 13.4%, as that country's sovereign debt was upgraded to investment grade and

tourism is on the uptick. Austria's 12.8% return reflected a more market-friendly government. The two key European players, France and Germany, contributed 8.4% and 7.7%, respectively. Nearby, the UK market rose 5.2%. While its economy was steady, the Brexit overhang remained a dampening factor. Australia (+3.2%) advanced less because of weak telecom services stocks and lower anticipated government infrastructure spending.

Tech stocks performed best in the newly expanding Japanese market, which climbed 4.1%. Hong Kong added 5.1% due in part to casino stock performance. Israel was the only EAFE country market in the red, losing 12.6%. Aside from ongoing political issues, Israeli exports were down and Teva Pharmaceuticals performed poorly. Canada, not part of EAFE, rose 8.1% in sync with rising energy and metals prices. Finally, the Euro, Pound and Yen all strengthened relative to the US dollar.

Emerging markets continued their blistering pace, supported by a weaker dollar. The EM Index scored an 8.0% return, higher than either US or EAFE markets. Collectively, the BRIC country markets delivered a huge 13.9%. Brazil, a typically volatile market, soared 23%. These results were attributable to reduced political uncertainty; higher exports; and stock performance both by banks and heavy hitter Petrobras (+30%). Russian shares climbed 18.1%

on the strength of much higher oil prices, ongoing infrastructure projects and bank stock results. India was the also-ran among the BRICs, rising a



relatively low 3%. India is still adjusting to a massive goods and service tax placed on its vast cash economy. China's GDP was robust, close to 7%. In addition, prices of Chinese consumer tech companies Tencent and Alibaba rose to record highs. Overall, the Chinese stock market climbed 14.8%. Building on export growth, Thailand posted a double-digit stock return of 10.6%.

Latin American EM markets delivered very strong results (+15.1%), mainly because of the pickup in mining operations and the spike in copper prices. Accordingly, Chilean prices (+16.9%) and Peruvian prices (+14.1%) advanced smartly. By comparison, Mexico's 1.5% stock market gain was miniscule, as investors were wary of the protracted NAFTA negotiations with the US.

#### BOND MARKET

#### An Unmoved Yield Curve

The Federal Reserve announced in September that it would finally start to reduce its balance sheet, after nine years, in October. It amassed \$4.5 trillion in assets after the financial crisis, and will drop those assets by \$10 billion per month. Traders also are expecting an increase in the fed funds rate of 0.25% in December, a change from their previous expectations of no new rate rises. However, some uncertainty has entered the dialogue as some contenders to replace Chairwoman Janet Yellen may lack the skill and care to lead the Fed. Pundits are watching for an announcement in November, with fears that the wrong choice could wreak havoc in the bond markets and wider economy.

The yield curve stayed almost completely unchanged at the end of quarter, with short and long-term rates all virtually the same. The Barclays Aggregate

Index returned a modest 0.8% for the quarter, bringing the cumulative year-to-date return up to 3.1%. Agencies were up 0.4% on the whole. ABS rose 0.4%, CMBS up 0.8%, and MBS grew 1.0%. US Corporate bonds rose 2.3% during the quarter, providing a YTD performance of 7.5%. High yield bonds provided modestly stronger returns, as BB stocks rose 2.0%, resulting in a YTD rise of 7.0%.

G-6 countries' sovereign debt outperformed the United States (un-hedged) for the quarter, with a combined return of 1.8%, for a YTD of 6.6%. France, Germany, and Italy led the way for another quarter, with returns of 4.2%, 4.2%, and 4.5% respectively. Canada gained 2.0%, Japan was flat, and the UK returned 2.9%.

#### **CASH EQUIVALENTS**

#### No Increases to the Fed Funds Rate

For the first time this year there was no rise to the fed funds rate, as the rate stayed at 1-1.25%, and it looked until the end of the quarter that there would be no more for 2017. However, at the September 20<sup>th</sup> meeting it became apparent that there may be one more in December. The 3-month T-Bill returned 0.3% as cash continues to only provide the most modest of returns.

#### **MARKET SUMMARY**

#### **ECONOMIC STATISTICS**

	CURRENT QTR	LAST QTR
GDP	3.0	3.1
Unemployment	4.2	4.4
CPI All Items Year/Year	2.20	1.60
Fed Funds Rate	1.25	1.25
Industrial Capacity	76.0	76.6
US Dollars per Euro	1.18	1.14

#### MAJOR INDEX QUARTER RETURNS

INDEX		PERFORMANCE
Russell 3000	4.6	
S&P 500	4.5	
Russell Mid	3.5	
Russell 2000	5.7	
MSCI EAFE	5.5	
MSCI Emg Mkts	8.0	
NCREIF ODCE	1.9	
Aggregate Index	0.8	
90 Day Tbills	0.3	

### **EQUITY RETURN DISTRIBUTIONS**

#### **QUARTER**

	VAL	COR	GRO
LC	3.1	4.5	5.9
MC	2.1	3.5	5.3
SC	5.1	5.7	6.2

#### TRAILING YEAR

	VAL	COR	GRO
LC	15.1	18.5	21.9
MC	13.4	15.3	17.8
SC	20.5	20.7	20.9

#### MARKET SUMMARY

- \* GDP expanded at a 3% rate in Q3.
- \* Unemployement continued to decrease to 4.2%.
- \* Year over year CPI expanded at a 2.2% rate.
- \* The dollar weakened against the Euro.
- \* Growth stocks were again ahead of value stocks. The spreads between growth and value were widest among large cap stocks. Small cap stocks had the strongest returns last quarter, with mid caps in the rear.

#### **INVESTMENT RETURN**

On September 30th, 2017, the Miramar Firefighters' portfolio was valued at \$136,336,123, representing an increase of \$4,881,596 from the June quarter's ending value of \$131,454,527. Last quarter, the Fund posted net contributions equaling \$381,677 plus a net investment gain equaling \$4,499,919. Total net investment return was the result of income receipts, which totaled \$267,949 and net realized and unrealized capital gains of \$4,231,970.

For the cumulative period since September 2007, the fund has recorded net contributions totaling \$32.0 million, and recorded net investment gains of \$53.1 million. For the period since September 2007, if the total fund returned a compound annual rate of 8.25% it would have been valued at \$161.8 million or \$25.5 million more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the portfolio returned 3.4%, which was 0.7% less than the Miramar Policy Index's return of 4.1% and ranked in the 50th percentile of the Public Fund universe. Over the trailing twelvemonth period, this portfolio returned 13.1%, which was 2.5% less than the benchmark's 15.6% return, ranking in the 29th percentile. Since September 2007, the account returned 5.3% per annum and ranked in the 74th percentile. The Miramar Policy Index returned an annualized 6.2% over the same time frame.

#### **Large Cap Equity**

The large cap equity portfolio returned 3.5% in the third quarter, 1.0% less than the S&P 500 Index's return of 4.5% and ranked in the 80th percentile of the Large Cap universe. Over the trailing twelve-month

period, the large cap equity portfolio returned 16.5%; that return was 2.1% less than the benchmark's 18.6% return, and ranked in the 75th percentile. Since September 2007, this component returned 6.7% per annum and ranked in the 81st percentile. The S&P 500 returned an annualized 7.4% over the same time frame.

#### **Mid Cap Equity**

For the third quarter, the mid cap equity segment returned 4.1%, which was 0.6% greater than the Lee Munder Index's return of 3.5% and ranked in the 44th percentile of the Mid Cap universe. Over the trailing twelve-month period, this segment's return was 17.6%, which was 2.3% above the benchmark's 15.3% return, ranking in the 54th percentile.

#### **SMID Cap Equity**

The smid cap equity component returned 5.0% in the third quarter; that return was 0.3% above the Russell 2500 Index's return of 4.7% and ranked in the 36th percentile of the Smid Cap universe. Over the trailing twelve months, the smid cap equity portfolio returned 19.0%; that return was 1.2% above the benchmark's 17.8% return, ranking in the 50th percentile. Since September 2007, this component returned 7.3% annualized and ranked in the 85th percentile. For comparison, the Russell 2500 returned an annualized 8.2% over the same time frame.

#### **Small Cap Equity**

During the third quarter, the small cap equity segment returned 6.5%, which was 0.8% greater than the Russell 2000 Index's return of 5.7% and ranked in the 29th percentile of the Small Cap universe. Over the trailing twelve months, the small cap equity portfolio returned 17.3%, which was 3.4% less than the benchmark's 20.7% return, and ranked in the 83rd percentile.

#### **Foreign Equity**

The foreign equity segment returned 5.8% last quarter; that return was 0.4% less than the Foreign Equity Hybrid Index's return of 6.2% and ranked in the 62nd percentile of the International Equity universe. Over the trailing year, this component returned 19.1%, 0.5% less than the benchmark's 19.6% performance, and ranked in the 65th percentile. Since September 2007, this component returned 0.8% on an annualized basis and ranked in the 95th percentile. For comparison, the Foreign Equity Hybrid Index returned an annualized 0.5% during the same time frame.

#### **Real Assets**

In the third quarter, the real assets segment returned 2.0%, which was 0.6% greater than the Real Asset Blended Index's return of 1.4%. Over the trailing twelve-month period, this segment returned 9.2%, which was 3.3% greater than the benchmark's 5.9% performance. Since September 2007, this component returned 4.2% on an annualized basis, while the Real Asset Blended Index returned an annualized 3.5% over the same time frame.

#### **Fixed Income**

During the third quarter, the fixed income segment gained 0.9%, which was 0.1% greater than the Bloomberg Barclays Aggregate Index's return of 0.8% and ranked in the 64th percentile of the Core Fixed Income universe. Over the trailing year, this component returned 0.5%, which was 0.4% greater than the benchmark's 0.1% return, ranking in the 56th percentile. Since September 2007, this component returned 4.1% on an annualized basis and ranked in the 94th percentile. The Bloomberg Barclays Aggregate Index returned an annualized 4.3% over the same period.

#### ASSET ALLOCATION

On September 30th, 2017, large cap equities comprised 36.6% of the total portfolio (\$50.0 million), mid cap equities comprised 7.3% (\$10.0 million), and smid cap equities totaled 4.2% (\$5.8 million). The account's small cap equity segment was valued at \$9.8 million, representing 7.2% of the portfolio, while the foreign equity component's \$19.9 million totaled 14.6%. The real assets segment totaled 13.4% of the portfolio's value and the fixed income component made up 13.9% (\$19.0 million). The remaining 2.7% was comprised of cash & equivalents (\$3.7 million).

### **EXECUTIVE SUMMARY**

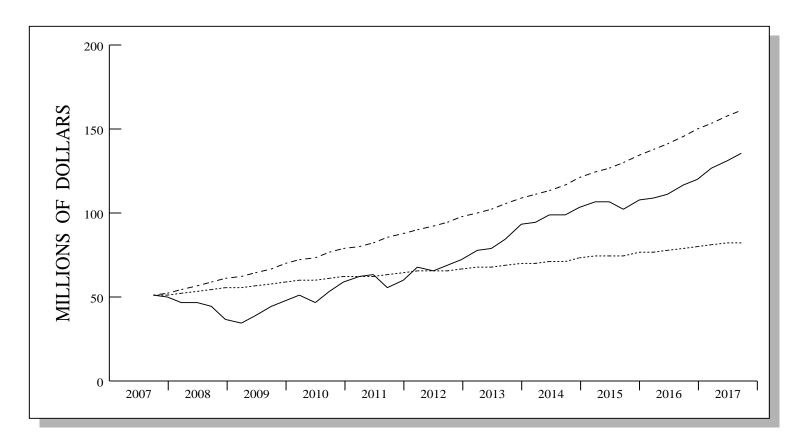
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 09/07
<b>Fotal Portfolio - Gross</b> PUBLIC FUND RANK	3.4	13.1	7.8	10.7	5.3
	(50)	(29)	(13)	(2)	(74)
<b>Fotal Portfolio - Net</b>	3.3	12.5	7.2	10.2	4.8
Policy Index	4.1	15.6	8.9	11.5	6.2
SHADOW INDEX	3.6	13.4	8.1	10.9	5.8
Domestic Equity - Gross  DOMESTIC EQUITY RANK  Russell 3000	4.0	16.7	9.9	13.3	6.7
	(67)	(72)	(63)	(71)	(84)
	4.6	18.7	10.7	14.2	7.6
Large Cap Equity - Gross  LARGE CAP RANK S&P 500 Russell 1000G Russell 1000V Russell 1000	3.5	16.5	9.8	13.3	6.7
	(80)	(75)	(61)	(71)	(81)
	4.5	18.6	10.8	14.2	7.4
	5.9	21.9	12.7	15.3	9.1
	3.1	15.1	8.5	13.2	5.9
	4.5	18.5	10.6	14.3	7.6
Mid Cap Equity - Gross	4.1	17.6	11.4	13.4	
MID CAP RANK	(44)	(54)	(26)		
Lee Munder Index	3.5	15.3	9.8		7.9
SMid Cap Equity - Gross	5.0	19.0	10.0	13.7	7.3
SMID CAP RANK	(36)	(50)	(64)	(65)	(85)
Russell 2500	4.7	17.8	10.6	13.9	8.2
Small Cap Equity - Gross SMALL CAP RANK Russell 2000	6.5 (29) 5.7	17.3 (83) 20.7	12.2	13.8	 7.8
Foreign Equity - Gross INTERNATIONAL EQUITY RANK Hybrid Index ACWI Ex US Net MSCI EAFE Net	5.8 (62) 6.2 6.2 5.4	19.1 (65) 19.6 19.6 19.1	4.3 (84) 4.7 4.7 5.0	7.3 (74) 7.0 7.0 8.4	0.8 (95) 0.5 1.3
Real Assets - Gross Blended Index NCREIF ODCE NCREIF Timber	2.0	9.2	10.2	10.7	4.2
	1.4	5.9	8.6	9.8	3.5
	1.9	7.6	10.8	11.6	5.0
	0.6	3.3	5.2	7.1	5.2
Fixed Income - Gross  CORE FIXED INCOME RANK  Aggregate Index Int Aggregate Intermediate Gov Int Gov/Credit	0.9	0.5	3.0	2.5	4.1
	(64)	(56)	(48)	(49)	(94)
	0.8	0.1	2.7	2.1	4.3
	0.7	0.2	2.3	1.7	3.8
	0.3	-0.7	1.6	1.0	3.1
	0.6	0.2	2.1	1.6	3.6

ASSET ALLOCATION								
Large Cap Equity	36.6%	\$ 49,957,859						
Mid Cap Equity	7.3%	9,996,433						
SMid Cap Equity	4.2%	5,787,468						
Small Cap	7.2%	9,764,279						
Foreign Equity	14.6%	19,864,145						
Real Assets	13.4%	18,223,750						
Fixed Income	13.9%	18,986,180						
Cash	2.7%	3,734,678						
Total Portfolio	100.0%	\$ 136,314,792						

# INVESTMENT RETURN

Market Value 6/2017	\$ 131,454,527
Contribs / Withdrawals	381,677
Income	267,949
Capital Gains / Losses	4,210,639
Market Value 9/2017	\$ 136,314,792

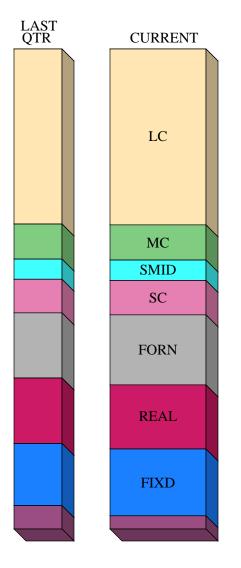
### **INVESTMENT GROWTH**



8

VALUE ASSUMING 8.25% RETURN \$ 161,802,497

	LAST QUARTER	PERIOD 9/07 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 131,454,527 381,677 4,478,588 \$ 136,314,792	\$ 51,204,280 31,991,559 53,118,953 \$ 136,314,792
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	267,949 4,210,639 4,478,588	6,388,618 46,730,335 53,118,953



	VALUE	PERCENT	TARGET	DIFFERENCE + / -
☐ LARGE CAP EQUITY	\$ 49, 957, 859	36.6%	36.0%	0.6%
■ MID CAP EQUITY	9, 996, 433	7.3%	7.0%	0.3%
SMID CAP EQUITY	5, 787, 468	4.2%	4.0%	0.2%
■ SMALL CAP EQUITY	9, 764, 279	7.2%	8.0%	-0.8%
■ FOREIGN EQUITY	19, 864, 145	14.6%	15.0%	-0.4%
REAL ASSETS	18, 223, 750	13.4%	15.0%	-1.6%
FIXED INCOME	18, 986, 180	13.9%	15.0%	-1.1%
■ CASH & EQUIVALENT	3, 734, 678	2.7%	0.0%	2.7%
TOTAL FUND	\$ 136, 314, 792	100.0%		

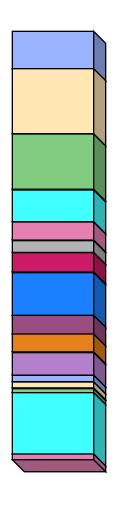
# MANAGER PERFORMANCE SUMMARY

							Since	e
Name	(Universe)	Quarter	FYTD	1 Year	3 Years	5 Years	09/07 or Inc	ception
Composite	(Public Fund)	3.4 (50)	13.1 (29) 15.6	13.1 (29) 15.6	7.8 (13) 8.9	10.7 (2) 11.5	5.3 (74) 6.2	09/07
Policy Index Northern Trust S&P 500	(LC Core)	4.1 4.5 (58) 4.5	18.6 (49) 18.6	18.6 (49) 18.6	10.8 (43)	14.2 (50) 14.2	7.4 (70) 7.4	09/07
Polen Russell 1000G	(LC Growth)	4.1 (76) 5.9	20.8 (51) 21.9	20.8 (51) 21.9	16.4 (3) 12.7	15.3	15.8 (3) 12.9	03/14
Invesco Diversified  Russell 1000V	(LC Value)	2.1 (92) 3.1	15.1	15.1	8.5	13.2	5.8 (94) 7.9	12/16
LMCG Lee Munder Index	(Mid Cap)	4.0 (46) 3.5	17.2 (58) 15.3	17.2 (58) 15.3	11.2 (31) 9.8	14.2 (58) 13.4	7.6 (89) <b>8.6</b>	12/07
Northern Trust Wilshire 4500	(Smid Cap)	5.0 (36) 5.0	19.0 (50) <b>19.7</b>	19.0 (50) <b>19.7</b>	10.3 (59) 11.5	14.0 (61) 14.8	8.3 (69) 8.6	09/07
DFA Russell 2000	(SC Core)	5.4 (55) 5.7	19.8 (70) <b>20.7</b>	19.8 (70) <b>20.7</b>	12.2	13.8	9.5 (75) <b>9.6</b>	12/14
PNC Small Cap  Russell 2000	(SC Core)	6.9 (23) 5.7	15.2 (96) 20.7	15.2 (96) 20.7	12.2	13.8	8.4 (86) <b>9.6</b>	12/14
Northern Trust  MSCI EAFE Net	(Intl Eq)	5.5 (68) 5.4	19.5 (61) <b>19.1</b>	19.5 (61) <b>19.1</b>	5.4 (71) 5.0	8.7 (57) 8.4	1.7 (86) 1.3	09/07
Parametric  MSCI EM Net	(Emerging Mkt)	6.9 (61) <b>7.9</b>	20.3 (63) 22.5	20.3 (63) 22.5	2.8 (86) 4.9	4.3 (78) 4.0	6.1 (76) 5.5	12/11
Intercontinental NCREIF ODCE		2.5 1.9	11.8 <b>7.6</b>	11.8 <b>7.6</b>	10.8	 11.6	11.4 8.0	03/16
Principal NCREIF ODCE		3.0 1.9	10.5 <b>7.6</b>	10.5 <b>7.6</b>	12.4 10.8	12.6 11.6	5.3 5.0	09/07
Hancock NCREIF Timber		0.2 <b>0.6</b>	4.5 3.3	4.5 3.3	4.8 5.2	6.6 7.1	6.2 6.9	06/12
Molpus Fund III NCREIF Timber		1.2 <b>0.6</b>	5.0 3.3	5.0 3.3	6.1 5.2	7.2 7.1	6.5	12/11
Molpus Fund IV NCREIF Timber		0.5 0.6	6.0 3.3	6.0 3.3	5.2	7.1	0.9 3.3	09/15
C.S. McKee  Aggregate Index	(Core Fixed)	0.9 (70) <b>0.8</b>	0.5 (56) 0.1	0.5 (56) 0.1	2.9 (56) 2.7	2.4 (59) 2.1	2.8 (67) 2.6	03/12

### MANAGER PERFORMANCE SUMMARY - NET OF FEES

							Since	,
Name	(Universe)	Quarter	FYTD	1 Year	3 Years	5 Years	09/07 or Inc	eption
Total Portfolio	(Public Fund)	3.3	12.5	12.5	7.2	10.2	4.8	09/07
Policy Index	,	4.1	15.6	15.6	8.9	11.5	6.2	
Northern Trust	(LC Core)	4.5	18.5	18.5	10.7	14.1	7.3	09/07
S&P 500		4.5	18.6	18.6	10.8	14.2	7.4	
Polen	(LC Growth)	3.9	20.0	20.0	15.7		15.2	03/14
Russell 1000G		5.9	21.9	21.9	12.7	15.3	12.9	
Invesco Diversified	(LC Value)	2.0					5.4	12/16
Russell 1000V		3.1	15.1	15.1	8.5	13.2	7.9	
LMCG	(Mid Cap)	3.8	16.3	16.3	10.3	13.3	6.8	12/07
Lee Munder Index	(5 11 5 )	3.5	15.3	15.3	9.8	13.4	8.6	00/0=
Northern Trust	(Smid Cap)	4.9	18.8	18.8	10.2	13.8	8.2	09/07
Wilshire 4500	(0.0.0)	5.0	19.7	19.7	11.5	14.8	8.6	10/14
DFA	(SC Core)	5.3	19.3	19.3			9.1	12/14
Russell 2000	(22.2	5.7	20.7	20.7	12.2	13.8	9.6	10/11
PNC Small Cap	(SC Core)	6.7	14.3	14.3		12.0	7.6	12/14
Russell 2000	(T. 1.7.)	5.7	20.7	20.7	12.2	13.8	9.6	00/0=
Northern Trust	(Intl Eq)	5.4	19.4	19.4	5.3	8.6	1.5	09/07
MSCI EAFE Net		5.4	19.1	19.1	5.0	8.4	1.3	10/11
Parametric	(Emerging Mkt)	6.7	19.2	19.2	1.8	3.2	5.0	12/11
MSCI EM Net		7.9	22.5	22.5	4.9	4.0	5.5	00/16
Intercontinental		2.3	9.8	9.8			9.6	03/16
NCREIF ODCE		1.9	7.6	7.6	10.8	11.6	8.0	00/07
Principal		2.7	9.4	9.4	11.2	11.4	4.2	09/07
NCREIF ODCE		1.9	7.6	7.6	10.8	11.6	5.0	06/10
Hancock		0.0	3.6	3.6	4.1	5.8	5.4	06/12
NCREIF Timber		0.6	3.3	3.3	5.2	7.1	6.9	10/11
Molpus Fund III		1.0	3.9	3.9	5.1	6.1	5.5	12/11
NCREIF Timber		0.6	3.3	3.3	5.2	7.1	6.5	00/15
Molpus Fund IV		0.2	5.0	5.0	5.2	7.1	-0.2	09/15
NCREIF Timber	(Comp Firmed)	0.6	3.3	3.3 0.2	5.2 2.6	7.1	3.3	02/12
C.S. McKee	(Core Fixed)	0.8	0.2 0.1	0.2 <b>0.1</b>	2.6 2.7	2.0 2.1	2.4	03/12
Aggregate Index		0.8	U.1	U.1	4./	2.1	2.6	

# MANAGER ALLOCATION AND TARGET SUMMARY



Name	Market Value	Percent	Target	Diff	Diff\$
Northern Trust (LCC)	\$12,085,779	8.9	8.0	0.9	\$1,178,890
Polen (LCG)	\$20,849,337	15.3	14.0	1.3	\$1,762,280
■ Invesco Diversified (LCV)	\$17,689,921	13.0	14.0	-1.0	<\$1,397,137>
LMCG (MC)	\$10,199,389	7.5	7.0	0.5	\$655,861
Northern Trust (SMID)	\$5,787,468	4.2	4.0	0.2	\$334,023
☐ DFA (SCC)	\$3,807,939	2.8	3.0	-0.2	<\$282,145>
PNC Small Cap (SCG)	\$6,211,473	4.6	5.0	-0.4	<\$605,333>
Northern Trust (INEQ)	\$13,755,935	10.1	10.0	0.1	\$122,323
Parametric (EMKT)	\$6,108,210	4.5	5.0	-0.5	<\$708,596>
Intercontinental (REAL)	\$5,770,033	4.2	5.0	-0.8	<\$1,046,773>
Principal (REAL)	\$7,214,977	5.3	5.0	0.3	\$398,171
Hancock (TIMB)	\$2,066,769	1.5	2.0	-0.5	<\$659,953>
Molpus Fund III (TIMB)	\$1,923,376	1.4	1.5	-0.1	<\$121,666>
Molpus Fund IV (TIMB)	\$1,269,926	0.9	1.5	-0.6	<\$775,116>
C.S. McKee (CFI)	\$19,743,668	14.5	15.0	-0.5	<\$706,750>
Cash (CASH)	\$1,851,923	1.4	0.0	1.4	\$1,851,923
Total Portfolio	\$136,336,123	100.0	100.0		\$0

# MANAGER VALUE ADDED - NET OF FEES

# **Trailing Quarter**

Manager	Benchmark	Value Added Vs. Benchmark
Northern Trust	S&P 500	0.0
Polen	Russell 1000G	-2.0
Invesco Diversifie	edRussell 1000V	-1.1
LMCG	Lee Munder Inde	ex 0.3
Northern Trust	Wilshire 4500	-0.1
DFA	Russell 2000	-0.4
PNC Small Cap	Russell 2000	1.0
Northern Trust	MSCI EAFE Net	0.0
Parametric	MSCI EM Net	-1.2
Intercontinental	NCREIF ODCE	0.4
Principal	NCREIF ODCE	0.8
Hancock	NCREIF Timber	-0.6
Molpus Fund III	NCREIF Timber	0.4
Molpus Fund IV	NCREIF Timber	-0.4
C.S. McKee	Aggregate Index	0.0
<b>Total Portfolio</b>	<b>Policy Index</b>	-0.8

# **Trailing Year**

Manager	Benchmark	Value Added Vs. Benchmark
Northern Trust	S&P 500	-0.1
Polen	Russell 1000G	-1.9
Invesco Diversifie	edRussell 1000V	N/A
LMCG	Lee Munder Inde	2X 1.0
Northern Trust	Wilshire 4500	-0.9
DFA	Russell 2000	-1.4
PNC Small Cap	Russell 2000	-6.4
Northern Trust	MSCI EAFE Net	0.3
Parametric	MSCI EM Net	-3.3
Intercontinental	NCREIF ODCE	2.2
Principal	NCREIF ODCE	1.8
Hancock	NCREIF Timber	0.3
Molpus Fund III	NCREIF Timber	0.6
Molpus Fund IV	NCREIF Timber	1.7
C.S. McKee	Aggregate Index	0.1
<b>Total Portfolio</b>	<b>Policy Index</b>	-3.1

# INVESTMENT RETURN SUMMARY - ONE QUARTER

Name	Quarter Total Return	Market Value June 30th, 2017	Net Cashflow	Net Investment Return	Market Value September 30th, 2017
Northern Trust (LCC)	4.5	11,567,157	0	518,622	12,085,779
Polen (LCG)	4.1	20,032,045	-2,358	819,650	20,849,337
Invesco Diversified (LCV)	2.1	17,343,680	0	346,241	17,689,921
LMCG (MC)	4.0	9,807,588	-1,223	393,024	10,199,389
Northern Trust (SMID)	5.0	5,514,403	0	273,065	5,787,468
DFA (SCC)	5.4	3,611,994	0	195,945	3,807,939
PNC Small Cap (SCG)	6.9	5,810,066	-776	402,183	6,211,473
Northern Trust (INEQ)	5.5	13,043,581	0	712,354	13,755,935
Parametric (EMKT)	6.9	4,777,829	1,000,000	330,381	6,108,210
Intercontinental (REAL)	2.5	5,641,393	-14,181	142,821	5,770,033
Principal (REAL)	3.0	7,023,443	0	191,534	7,214,977
Hancock (TIMB)	0.2	2,076,516	-14,265	4,518	2,066,769
Molpus Fund III (TIMB)	1.2	1,923,173	-18,202	18,405	1,923,376
Molpus Fund IV (TIMB)	0.5	1,277,189	-10,189	2,926	1,269,926
C.S. McKee (CFI)	0.9	17,097,474	2,497,944	148,250	19,743,668
Cash (CASH)		4,906,996	-3,055,073	0	1,851,923
Total Portfolio	3.4	131,454,527	381,677	4,499,919	136,336,123

### MANAGER RISK STATISTICS SUMMARY - FIVE-YEAR HISTORY

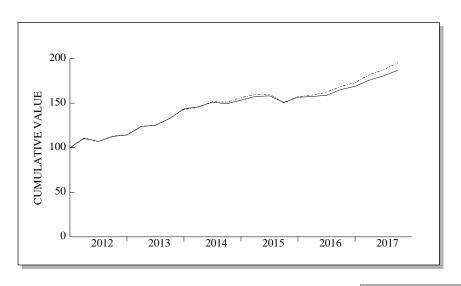
Name	Alpha	Batting Average	Sharpe Ratio	Information Ratio	Up Capture	Down Capture
Northern Trust	-0.04	0.950	1.93	-0.53	99.8	100.0
S&P 500						
LMCG	1.44	0.600	1.62	0.33	101.1	83.3
Lee Munder Index						
Northern Trust	-1.07	0.550	1.43	-1.19	96.9	108.1
Wilshire 4500						
Northern Trust	0.34	1.000	0.88	2.53	101.8	98.1
MSCI EAFE Net						
Parametric	0.83	0.600	0.41	0.03	87.6	81.7
MSCI EM Net						
Principal	3.46	0.600	8.54	1.03	108.6	
NCREIF ODCE						
C.S. McKee	0.61	0.750	0.85	0.47	94.3	69.6
Aggregate Index						

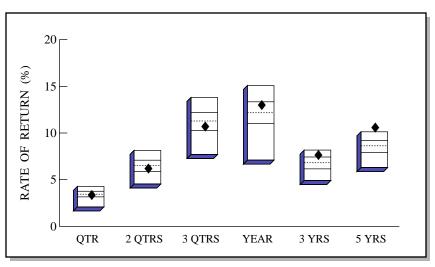
# MANAGER FEE SUMMARY - ONE QUARTER

### ALL FEES ARE ESTIMATED / ACCRUED

PORTFOLIO	MARKET VALUE	GROSS RETURN	FEE	FEE PCT	NET RETURN
Northern Trust (LCC)	\$12,085,779	4.5	\$3,471	0.03	4.5
Polen (LCG)	\$20,849,337	4.1	\$33,360	0.17	3.9
Invesco Diversified (LCV)	\$17,689,921	2.1	\$17,343	0.10	2.0
LMCG (MC)	\$10,199,389	4.0	\$18,390	0.19	3.8
Northern Trust (SMID)	\$5,787,468	5.0	\$1,653	0.03	4.9
DFA (SCC)	\$3,807,939	5.4	\$3,342	0.09	5.3
PNC Small Cap (SCG)	\$6,211,473	6.9	\$12,423	0.21	6.7
Northern Trust (INEQ)	\$13,755,935	5.5	\$3,912	0.03	5.4
Parametric (EMKT)	\$6,108,210	6.9	\$12,543	0.21	6.7
Intercontinental (REAL)	\$5,770,033	2.5	\$14,467	0.26	2.3
Principal (REAL)	\$7,214,977	3.0	\$19,314	0.27	2.7
Hancock (TIMB)	\$2,066,769	0.2	\$4,550	0.22	0.0
Molpus Fund III (TIMB)	\$1,923,376	1.2	\$4,809	0.25	1.0
Molpus Fund IV (TIMB)	\$1,269,926	0.5	\$2,937	0.23	0.2
C.S. McKee (CFI)	\$19,743,668	0.9	\$14,961	0.09	0.8
Total Portfolio	\$136,336,123	3.4	\$167,475	0.13	3.3

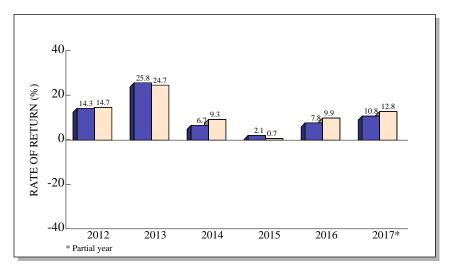
### TOTAL RETURN COMPARISONS





Public Fund Universe





					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	3.4	6.3	10.8	13.1	7.8	10.7
(RANK)	(50)	(61)	(64)	(29)	(13)	(2)
5TH %ILE	4.3	8.1	13.8	15.1	8.2	10.1
25TH %ILE	3.8	7.1	12.2	13.3	7.4	9.2
MEDIAN	3.4	6.5	11.3	12.2	6.8	8.6
75TH %ILE	3.2	5.9	10.3	11.0	6.2	7.9
95TH %ILE	2.1	4.5	7.7	7.1	4.9	6.3
Policy Idx	4.1	7.3	12.8	15.6	8.9	11.5

Public Fund Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

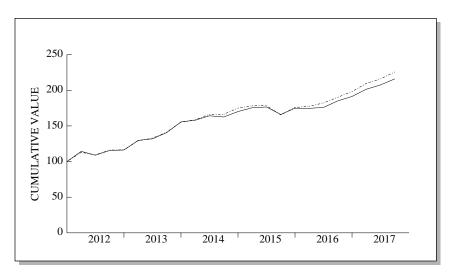
#### COMPARATIVE BENCHMARK: MIRAMAR POLICY INDEX

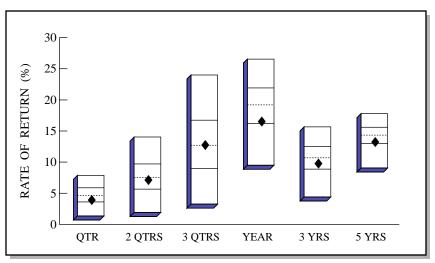


Total Quarters Observed	40
Quarters At or Above the Benchmark	16
<b>Quarters Below the Benchmark</b>	24
Batting Average	.400

	RATES	S OF RETURN	
Date	Portfolio	Benchmark	Difference
12/07	-2.9	-1.9	-1.0
3/08	-7.9	-7.2	-0.7
6/08	-0.9	-1.4	0.5
9/08	-7.9	-8.2	0.3
12/08	-18.7	-18.6	-0.1
3/09	-7.9	-10.1	2.2
6/09	11.3	13.6	-2.3
9/09	11.0	13.0	-2.0
12/09	3.9	4.0	-0.1
3/10	5.0	4.5	0.5
6/10	-8.2	-8.6	0.4
9/10	9.9	10.6	-0.7
12/10	9.6	9.1	0.5
3/11	5.7	5.3	0.4
6/11	0.5	0.6	-0.1
9/11	-14.3	-12.5	-1.8
12/11	7.8	8.8	-1.0
3/12	11.0	10.2	0.8
6/12	-3.6	-2.8	-0.8
9/12	5.3	5.5	-0.2
12/12	1.4	1.4	0.0
3/13	8.4	7.8	0.6
6/13	1.1	1.3	-0.2
9/13	6.2	6.0	0.2
12/13	8.1	7.7	0.4
3/14	1.5	1.8	-0.3
6/14	3.6	4.3	-0.7
9/14	-1.2	-0.5	-0.7
12/14	2.6	3.4	-0.8
3/15	2.7	2.2	0.5
6/15	0.5	0.3	0.2
9/15	-4.7	-6.2	1.5
12/15	3.8	4.8	-1.0
3/16	0.6	1.1	-0.5
6/16	0.9	2.0	-1.1
9/16	4.1	4.1	0.0
12/16	2.1	2.4	-0.3
3/17	4.2	5.1	-0.9
6/17	2.7	3.1	-0.4
9/17	3.4	4.1	-0.7

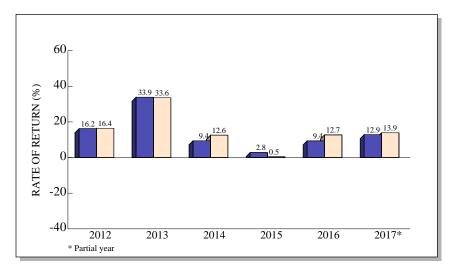
# DOMESTIC EQUITY RETURN COMPARISONS





Domestic Equity Universe



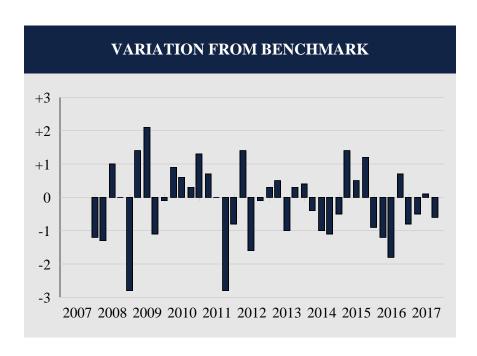


	_QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN	4.0	7.2	12.9	16.7	9.9	13.3
(RANK)	(67)	(55)	(50)	(72)	(63)	(71)
5TH %ILE	7.9	14.0	24.0	26.6	15.7	17.8
25TH %ILE	5.9	9.7	16.7	21.9	12.5	15.6
MEDIAN 75TH %ILE 95TH %ILE	4.7	7.6	12.7	19.2	10.7	14.3
	3.6	5.7	9.0	16.2	8.9	13.0
	1.4	1.9	3.2	9.5	4.4	9.0
Russ 3000	4.6	7.7	13.9	18.7	10.7	14.2

Domestic Equity Universe

# DOMESTIC EQUITY QUARTERLY PERFORMANCE SUMMARY

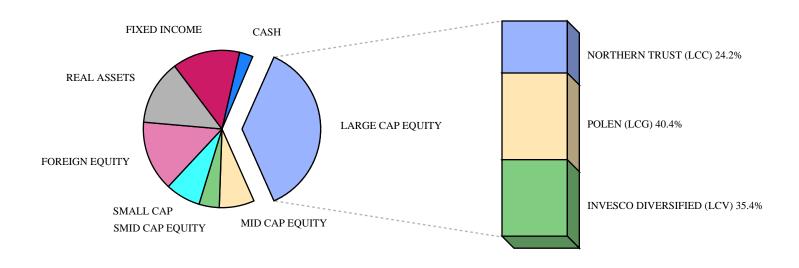
**COMPARATIVE BENCHMARK: RUSSELL 3000** 



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	20
<b>Quarters Below the Benchmark</b>	20
Batting Average	.500

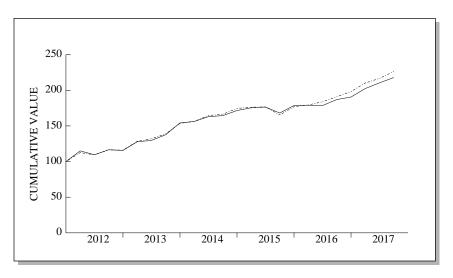
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/07	-4.5	-3.3	-1.2			
3/08	-10.8	-9.5	-1.3			
6/08	-0.7	-1.7	1.0			
9/08	-8.7	-8.7	0.0			
12/08	-25.6	-22.8	-2.8			
3/09	-9.4	-10.8	1.4			
6/09	18.9	16.8	2.1			
9/09	15.2	16.3	-1.1			
12/09	5.8	5.9	-0.1			
3/10	6.8	5.9	0.9			
6/10	-10.7	-11.3	0.6			
9/10	11.8	11.5	0.3			
12/10	12.9	11.6	1.3			
3/11	7.1	6.4	0.7			
6/11	0.0	0.0	0.0			
9/11	-18.1	-15.3	-2.8			
12/11	11.3	12.1	-0.8			
3/12	14.3	12.9	1.4			
6/12	-4.7	-3.1	-1.6			
9/12	6.1	6.2	-0.1			
12/12	0.6	0.3	0.3			
3/13	11.6	11.1	0.5			
6/13	1.7	2.7	-1.0			
9/13	6.7	6.4	0.3			
12/13	10.5	10.1	0.4			
3/14	1.6	2.0	-0.4			
6/14	3.9	4.9	-1.0			
9/14	-1.1	0.0	-1.1			
12/14	4.7	5.2	-0.5			
3/15	3.2	1.8	1.4			
6/15	0.6	0.1	0.5			
9/15	-6.0	-7.2	1.2			
12/15	5.4	6.3	-0.9			
3/16	-0.2	1.0	-1.2			
6/16	0.8	2.6	-1.8			
9/16	5.1	4.4	0.7			
12/16	3.4	4.2	-0.8			
3/17	5.2	5.7	-0.5			
6/17	3.1	3.0	0.1			
9/17	4.0	4.6	-0.6			

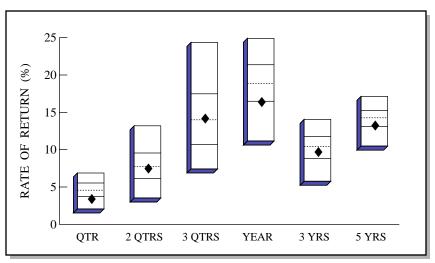
# LARGE CAP EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	FYTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
NORTHERN TRUST	(Large Cap Core)	4.5 (58)	18.6 (49)	18.6 (49)	10.8 (43)	14.2 (50)	\$12,085,779
S&P 500		4.5	18.6	18.6	10.8	14.2	
POLEN	(Large Cap Growth)	4.1 (76)	20.8 (51)	20.8 (51)	16.4 (3)		\$20,849,337
Russell 1000 Growth		5.9	21.9	21.9	12.7	15.3	
INVESCO DIVERSIFIED	(Large Cap Value)	2.1 (92)					\$17,689,921
Russell 1000 Value		3.1	15.1	15.1	8.5	13.2	

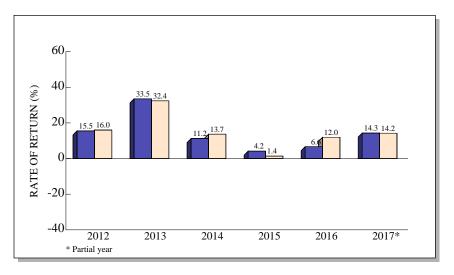
# LARGE CAP EQUITY RETURN COMPARISONS





Large Cap Universe



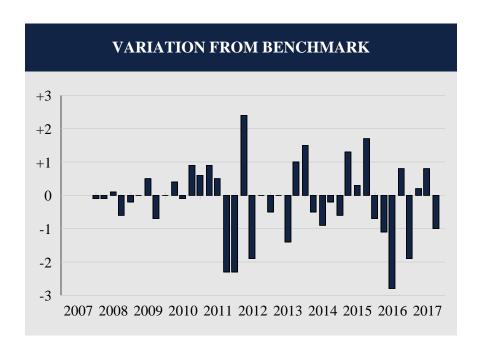


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	3.5	7.6	14.3	16.5	9.8	13.3
(RANK)	(80)	(56)	(46)	(75)	(61)	(71)
5TH %ILE	6.9	13.2	24.4	24.9	14.1	17.1
25TH %ILE	5.5	9.6	17.5	21.4	11.8	15.2
MEDIAN	4.6	7.8	14.0	18.9	10.4	14.3
75TH %ILE	3.8	6.2	10.7	16.5	8.8	13.1
95TH %ILE	2.1	3.5	7.4	11.1	5.8	10.5
S&P 500	4.5	7.7	14.2	18.6	10.8	14.2

Large Cap Universe

# LARGE CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

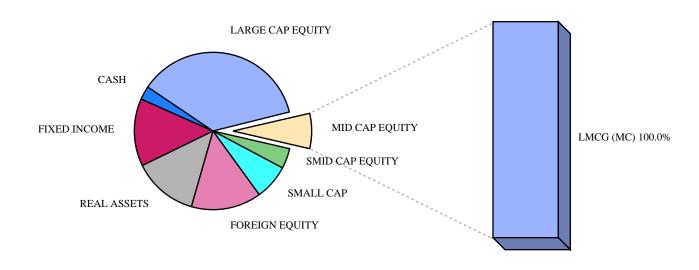
**COMPARATIVE BENCHMARK: S&P 500** 



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	20
<b>Quarters Below the Benchmark</b>	20
Batting Average	.500

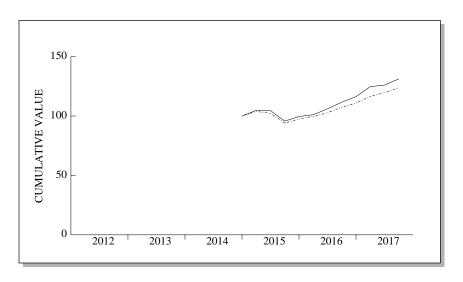
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/07	-3.4	-3.3	-0.1				
3/08	-9.5	-9.4	-0.1				
6/08	-2.6	-2.7	0.1				
9/08 12/08	-9.0 -22.1	-8.4 -21.9	-0.6 -0.2				
3/09	-11.0	-11.0	0.0				
6/09	16.4	15.9	0.5				
9/09 12/09	14.9 6.0	15.6 6.0	-0.7 0.0				
3/10	5.7	5.3	0.0				
6/10	-11.5	-11.4	-0.1				
9/10	12.2	11.3	0.9				
12/10	11.4	10.8	0.6				
3/11 6/11	6.8 0.6	5.9 0.1	0.9 0.5				
9/11	-16.2	-13.9	-2.3				
12/11	9.5	11.8	-2.3				
3/12	15.0	12.6	2.4				
6/12 9/12	-4.7 6.3	-2.8 6.3	-1.9 0.0				
12/12	-0.9	-0.4	-0.5				
3/13	10.6	10.6	0.0				
6/13	1.5	2.9	-1.4				
9/13 12/13	6.2 12.0	5.2 10.5	1.0 1.5				
3/14	1.3		-0.5				
3/14 6/14	1.3 4.3	1.8 5.2	-0.5 -0.9				
9/14	0.9	1.1	-0.2				
12/14	4.3	4.9	-0.6				
3/15	2.2	0.9	1.3				
6/15 9/15	0.6 -4.7	0.3 -6.4	0.3 1.7				
12/15	6.3	7.0	-0.7				
3/16	0.2	1.3	-1.1				
6/16	-0.3	2.5	-2.8				
9/16 12/16	4.7 1.9	3.9 3.8	0.8 -1.9				
3/17	6.3	6.1	0.2				
6/17	3.9	3.1	0.8				
9/17	3.5	4.5	-1.0				

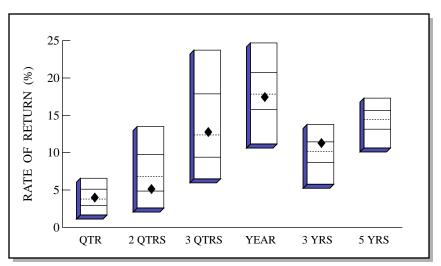
# MID CAP EQUITY MANAGER SUMMARY



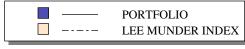
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	FYTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
LMCG	(Mid Cap)	4.0 (46)	17.2 (58)	17.2 (58)	11.2 (31)	14.2 (58)	\$10,199,389
Lee Munder Index		3.5	15.3	15.3	9.8	13.4	

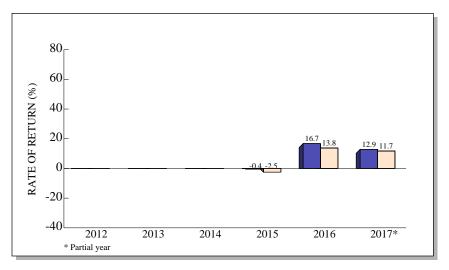
# MID CAP EQUITY RETURN COMPARISONS





Mid Cap Universe





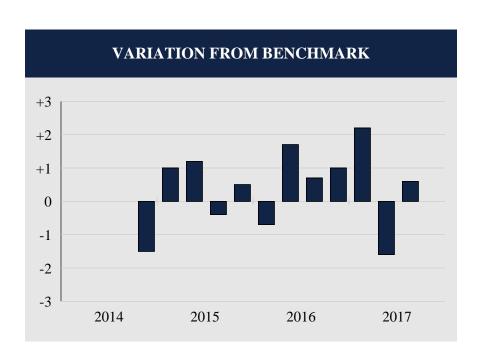
_	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	4.1 (44)	5.2 (70)	12.9 (48)	17.6 (54)	11.4 (26)	
5TH %ILE	6.6	13.5	23.7	24.7	13.8	17.3
25TH %ILE	5.1	9.8	17.9	20.7	11.4	15.6
MEDIAN	3.8	6.8	12.4	17.8	10.2	14.4
75TH %ILE	2.9	4.9	9.4	15.8	8.7	13.2
95TH %ILE	1.6	2.6	6.5	11.2	5.8	10.7
Lee Munder Idx	3.5	6.3	11.7	15.3	9.8	13.4

Mid Cap Universe

26

# MID CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

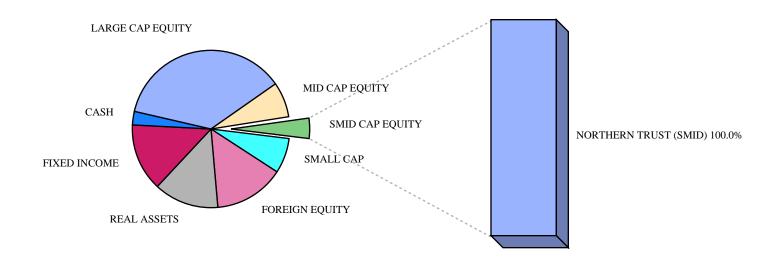
COMPARATIVE BENCHMARK: LEE MUNDER INDEX



Total Quarters Observed	12
Quarters At or Above the Benchmark	8
Quarters Below the Benchmark	4
Batting Average	.667

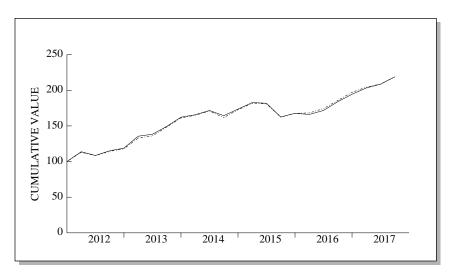
RATES OF RETURN							
Portfolio	Benchmark	Difference					
5.3	6.8	-1.5					
4.9	3.9	1.0					
-0.3	-1.5	1.2					
-8.4	-8.0	-0.4					
4.1	3.6	0.5					
1.5	2.2	-0.7					
4.9	3.2	1.7					
5.2	4.5	0.7					
4.2	3.2	1.0					
7.3	5.1	2.2					
1.1	2.7	-1.6					
4.1	3.5	0.6					
	Portfolio  5.3  4.9 -0.3 -8.4 4.1  1.5 4.9 5.2 4.2 7.3 1.1	Portfolio         Benchmark           5.3         6.8           4.9         3.9           -0.3         -1.5           -8.4         -8.0           4.1         3.6           1.5         2.2           4.9         3.2           5.2         4.5           4.2         3.2           7.3         5.1           1.1         2.7					

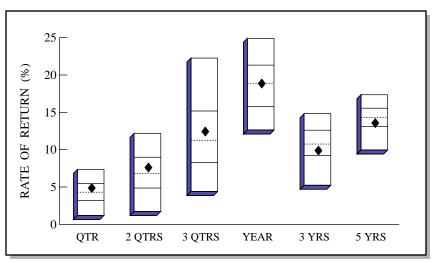
# SMID CAP EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	FYTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
NORTHERN TRUST	(Smid Cap)	5.0 (36)	19.0 (50)	19.0 (50)	10.3 (59)	14.0 (61)	\$5,787,468
Wilshire 4500		5.0	19.7	19.7	11.5	14.8	

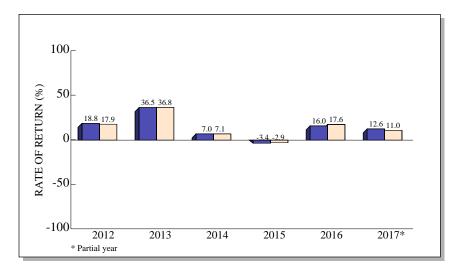
# SMID CAP EQUITY RETURN COMPARISONS





Smid Cap Universe



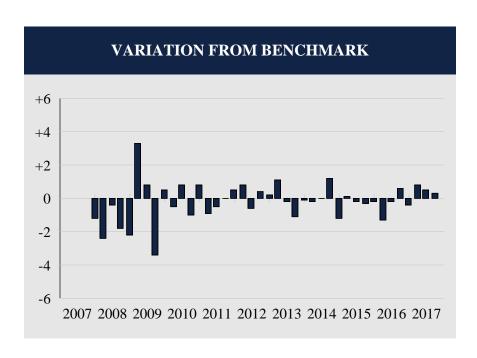


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	5.0	7.7	12.6	19.0	10.0	13.7
(RANK)	(36)	(41)	(40)	(50)	(64)	(65)
5TH %ILE	7.3	12.2	22.3	24.9	14.8	17.4
25TH %ILE	5.4	9.0	15.2	21.3	12.6	15.6
MEDIAN	4.3	6.8	11.2	18.9	10.8	14.3
75TH %ILE	3.2	4.9	8.3	15.8	9.2	13.1
95TH %ILE	1.2	1.7	4.4	12.6	5.2	10.0
Russ 2500	4.7	7.0	11.0	17.8	10.6	13.9

Smid Cap Universe

# SMID CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

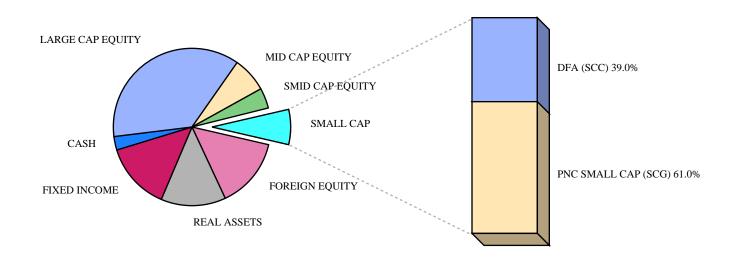
**COMPARATIVE BENCHMARK: RUSSELL 2500** 



40
18
22
.450

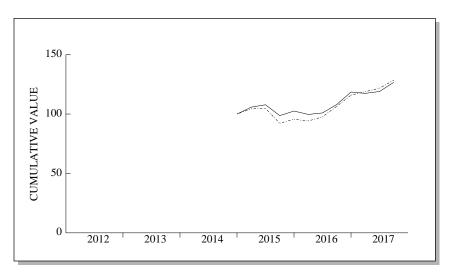
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/07	-5.5	-4.3	-1.2				
3/08	-11.8	-9.4	-2.4				
6/08 9/08	1.0 -8.5	1.4 -6.7	-0.4 -1.8				
12/08	-28.5	-26.3	-2.2				
3/09	-8.1	-11.4	3.3				
6/09 9/09	21.1 16.7	20.3 20.1	0.8 -3.4				
12/09	5.6	5.1	-3.4 0.5				
3/10	8.7	9.2	-0.5				
6/10 9/10	-9.2 11.2	-10.0 12.2	0.8 -1.0				
12/10	15.6	14.8	0.8				
3/11	7.8	8.7	-0.9				
6/11	-1.1	-0.6 -21.2	-0.5				
9/11 12/11	-21.2 15.0	-21.2 14.5	0.0 0.5				
3/12	13.8	13.0	0.8				
6/12 9/12	-4.7 6.0	-4.1 5.6	-0.6 0.4				
12/12	3.3	3.1	0.4				
3/13	14.0	12.9	1.1				
6/13 9/13	2.1 8.0	2.3 9.1	-0.2 -1.1				
12/13	8.6	9.1 8.7	-1.1 -0.1				
3/14	2.1	2.3	-0.2				
6/14	3.6	3.6	0.0				
9/14 12/14	-4.2 5.6	-5.4 6.8	1.2 -1.2				
3/15	5.3	5.2	0.1				
6/15	-0.5	-0.3	-0.2				
9/15 12/15	-10.6 3.1	-10.3 3.3	-0.3 -0.2				
3/16	-0.9	0.4	-1.3				
6/16	3.4	3.6	-0.2				
9/16 12/16	7.2 5.7	6.6 6.1	0.6 -0.4				
3/17	4.5	3.7	0.8				
6/17	2.6	2.1	0.5				
9/17	5.0	4.7	0.3				

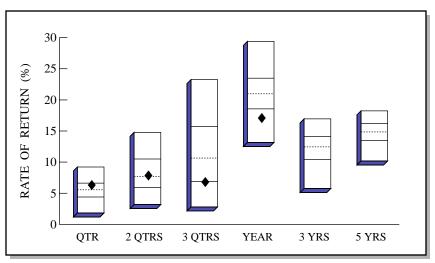
# SMALL CAP EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS								
MANAGER	(UNIVERSE)	QTR	FYTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE	
DFA	(Small Cap Core)	5.4 (55)	19.8 (70)	19.8 (70)			\$3,807,939	
PNC SMALL CAP	(Small Cap Core)	6.9 (23)	15.2 (96)	15.2 (96)			\$6,211,473	
Russell 2000		5.7	20.7	20.7	12.2	13.8		

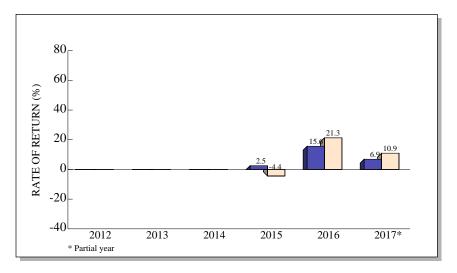
# SMALL CAP EQUITY RETURN COMPARISONS





Small Cap Universe



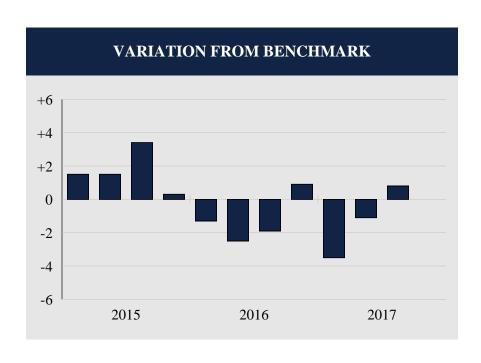


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	6.5	8.0	6.9	17.3		
(RANK)	(29)	(48)	(76)	(83)		
5TH %ILE	9.2	14.8	23.3	29.4	17.0	18.2
25TH %ILE	6.6	10.5	15.7	23.5	14.1	16.2
MEDIAN	5.6	7.7	10.7	21.0	12.5	14.8
75TH %ILE	4.4	5.9	6.9	18.6	10.4	13.5
95TH %ILE	1.8	3.2	2.8	13.2	5.8	10.2
Russ 2000	5.7	8.3	10.9	20.7	12.2	13.8

Small Cap Universe

# SMALL CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

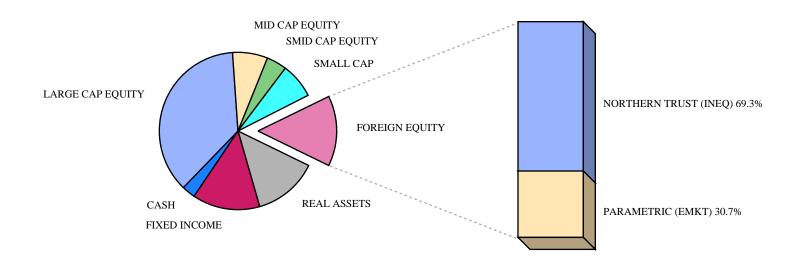
**COMPARATIVE BENCHMARK: RUSSELL 2000** 



Total Quarters Observed	11
Quarters At or Above the Benchmark	6
<b>Quarters Below the Benchmark</b>	5
Batting Average	.545

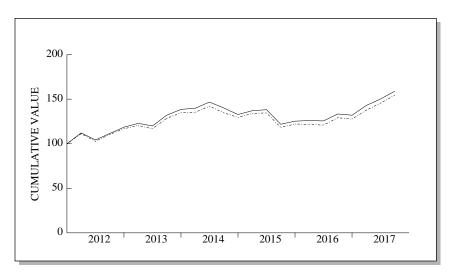
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
3/15	5.8	4.3	1.5			
6/15	1.9	0.4	1.5			
9/15	-8.5	-11.9	3.4			
12/15	3.9	3.6	0.3			
3/16	-2.8	-1.5	-1.3			
6/16	1.3	3.8	-2.5			
9/16	7.1	9.0	-1.9			
12/16	9.7	8.8	0.9			
3/17	-1.0	2.5	-3.5			
6/17	1.4	2.5	-1.1			
9/17	6.5	5.7	0.8			

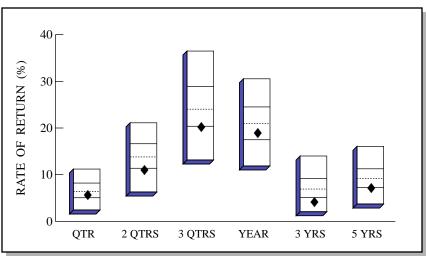
# FOREIGN EQUITY MANAGER SUMMARY



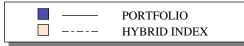
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	FYTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
NORTHERN TRUST	(International Equity)	5.5 (68)	19.5 (61)	19.5 (61)	5.4 (71)	8.7 (57)	\$13,755,935
MSCI EAFE Net		5.4	19.1	19.1	5.0	8.4	
PARAMETRIC	(Emerging Markets)	6.9 (61)	20.3 (63)	20.3 (63)	2.8 (86)	4.3 (78)	\$6,108,210
MSCI Emerging Markets Net		7.9	22.5	22.5	4.9	4.0	

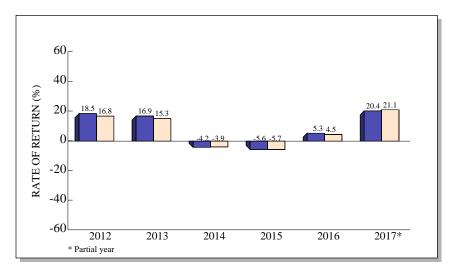
# FOREIGN EQUITY RETURN COMPARISONS





International Equity Universe



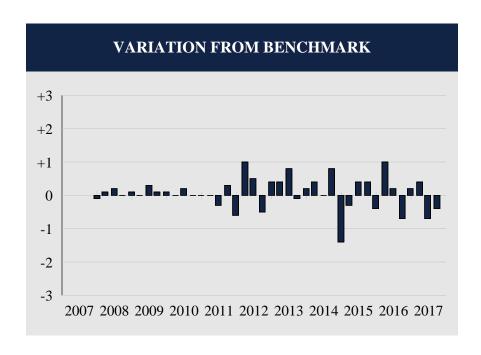


	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	5.8 (62)	11.2 (77)	20.4 (76)	19.1 (65)	4.3 (84)	7.3 (74)
5TH %ILE	11.2	21.1	36.5	30.6	14.0	16.1
25TH %ILE	8.2	16.6	28.9	24.5	9.2	11.3
MEDIAN	6.4	13.8	24.0	20.9	6.9	9.2
75TH %ILE	5.1	11.4	20.4	17.5	5.1	7.2
95TH %ILE	2.4	6.3	13.2	11.9	2.1	3.7
Hybrid Ix	6.2	12.3	21.1	19.6	4.7	7.0

International Equity Universe

# FOREIGN EQUITY QUARTERLY PERFORMANCE SUMMARY

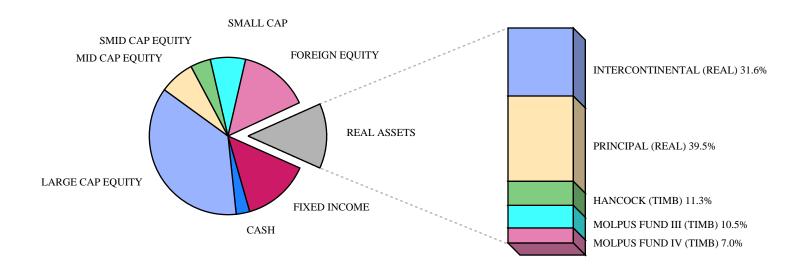
### COMPARATIVE BENCHMARK: FOREIGN EQUITY HYBRID INDEX



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	29
<b>Quarters Below the Benchmark</b>	11
Batting Average	.725

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/07	-1.8	-1.7	-0.1			
3/08	-8.8	-8.9	0.1			
6/08	-2.0	-2.2	0.2			
9/08	-20.6	-20.6	0.0			
12/08	-19.9	-20.0	0.1			
3/09	-13.9	-13.9	0.0			
6/09	25.7	25.4	0.3			
9/09	19.6	19.5	0.1			
12/09	2.3	2.2	0.1			
3/10	0.9	0.9	0.0			
6/10	-13.8	-14.0	0.2			
9/10	16.5	16.5	0.0			
12/10	6.6	6.6	0.0			
3/11	3.4	3.4	0.0			
6/11	0.1	0.4	-0.3			
9/11	-19.6	-19.9	0.3			
12/11	3.1	3.7	-0.6			
3/12	12.2	11.2	1.0			
6/12	-7.1	-7.6	0.5			
9/12	6.9	7.4	-0.5			
12/12	6.3	5.9	0.4			
3/13	3.6	3.2	0.4			
6/13	-2.3	-3.1	0.8			
9/13	10.0	10.1	-0.1			
12/13	5.0	4.8	0.2			
3/14	0.9	0.5	0.4			
6/14	5.0	5.0	0.0			
9/14	-4.5	-5.3	0.8			
12/14	-5.3	-3.9	-1.4			
3/15	3.2	3.5	-0.3			
6/15	0.9	0.5	0.4			
9/15	-11.8	-12.2	0.4			
12/15	2.8	3.2	-0.4			
3/16	0.6	-0.4	1.0			
6/16	-0.4	-0.6	0.2			
9/16	6.2	6.9	-0.7			
12/16	-1.1	-1.3	0.2			
3/17	8.3	7.9	0.4			
6/17	5.1	5.8	-0.7			
9/17	5.8	6.2	-0.4			

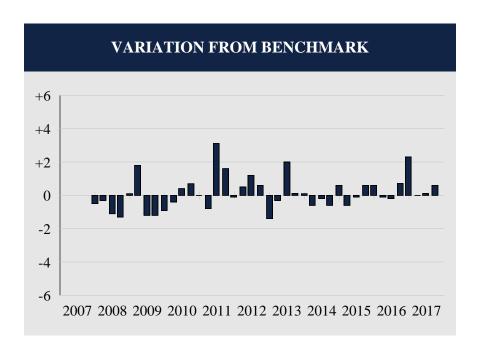
### **REAL ASSETS MANAGER SUMMARY**



TOTAL RETURNS AND RANKINGS									
MANAGER	(UNIVERSE)	QTR	FYTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE		
INTERCONTINENTAL		2.5	11.8	11.8			\$5,770,033		
PRINCIPAL		3.0	10.5	10.5	12.4	12.6	\$7,214,977		
NCREIF NFI-ODCE Index		1.9	7.6	7.6	10.8	11.6			
HANCOCK		0.2	4.5	4.5	4.8	6.6	\$2,066,769		
MOLPUS FUND III		1.2	5.0	5.0	6.1	7.2	\$1,923,376		
MOLPUS FUND IV		0.5	6.0	6.0			\$1,269,926		
NCREIF Timber Index		0.6	3.3	3.3	5.2	7.1			

# REAL ASSETS QUARTERLY PERFORMANCE SUMMARY

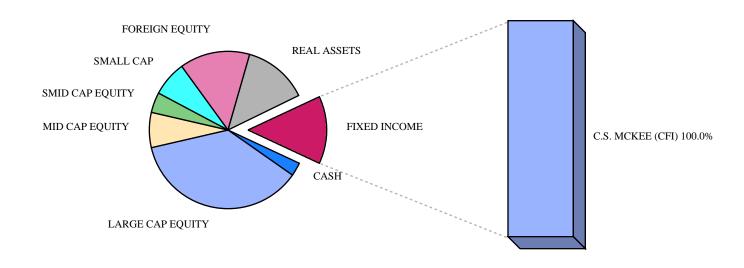
### COMPARATIVE BENCHMARK: REAL ASSET BLENDED INDEX



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	21
<b>Quarters Below the Benchmark</b>	19
Batting Average	.525

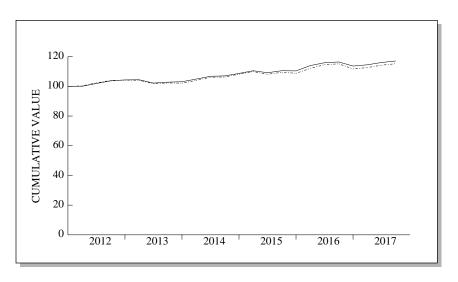
RATES OF RETURN								
Date	Portfolio	Benchmark	Difference					
12/07	1.6	2.1	-0.5					
3/08	1.1	1.4	-0.3					
6/08	-0.8	0.3	-1.1					
9/08	-1.9	-0.6	-1.3					
12/08	-10.8	-10.9	0.1					
3/09	-11.9	-13.7	1.8					
6/09	-10.2	-9.0	-1.2					
9/09	-8.5	-7.3	-1.2					
12/09	-4.4	-3.5	-0.9					
3/10	0.4	0.8	-0.4					
6/10	4.8	4.4	0.4					
9/10	6.1	5.4	0.7					
12/10	5.0	5.0	0.0					
3/11	3.2	4.0	-0.8					
6/11	6.1	3.0	3.1					
9/11	3.6	2.0	1.6					
12/11	1.9	2.0	-0.1					
3/12	2.3	1.8	0.5					
6/12	3.0	1.8	1.2					
9/12	2.6	2.0	0.6					
12/12	2.4	3.8	-1.4					
3/13	1.9	2.2	-0.3					
6/13	4.7	2.7	2.0					
9/13	2.7	2.6	0.1					
12/13	4.4	4.3	0.1					
3/14	1.6	2.2	-0.6					
6/14	2.0	2.2	-0.2					
9/14	1.9	2.5	-0.6					
12/14	5.0	4.4	0.6					
3/15	2.1	2.7	-0.6					
6/15	2.4	2.5	-0.1					
9/15	3.1	2.5	0.6					
12/15	3.3	2.7	0.6					
3/16	1.1	1.2	-0.1					
6/16	1.5	1.7	-0.2					
9/16	2.2	1.5	0.7					
12/16	4.0	1.7	2.3					
3/17	1.4	1.4	0.0					
6/17	1.4	1.3	0.1					
9/17	2.0	1.4	0.6					

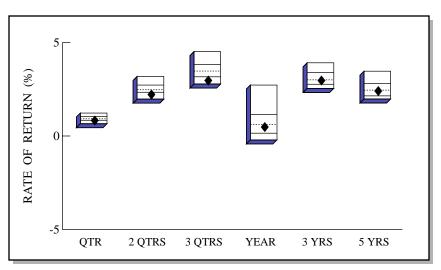
## FIXED INCOME MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS								
MANAGER	(UNIVERSE)	QTR	FYTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE	
C.S. MCKEE	(Core Fixed Income)	0.9 (70)	0.5 (56)	0.5 (56)	2.9 (56)	2.4 (59)	\$19,743,668	
Bloomberg Barclays Aggr	regate Index	0.8	0.1	0.1	2.7	2.1		

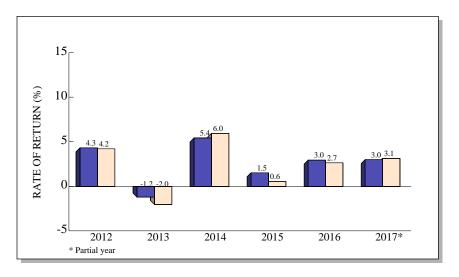
# FIXED INCOME RETURN COMPARISONS





Core Fixed Income Universe



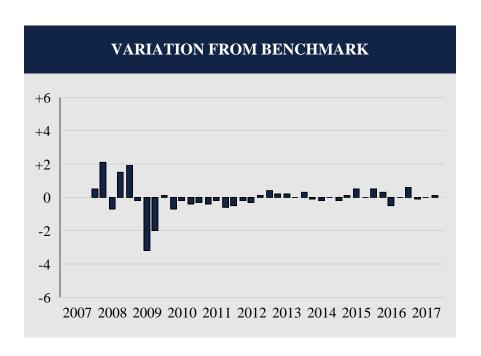


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	0.9	2.3	3.0	0.5	3.0	2.5
(RANK)	(64)	(82)	(86)	(56)	(48)	(49)
5TH %ILE	1.2	3.2	4.5	2.7	3.9	3.5
25TH %ILE	1.1	2.7	3.8	1.2	3.4	2.8
MEDIAN	0.9	2.5	3.5	0.6	3.0	2.5
75TH %ILE	0.8	2.3	3.2	0.2	2.8	2.2
95TH %ILE	0.7	2.0	2.8	-0.2	2.6	2.0
Agg	0.8	2.3	3.1	0.1	2.7	2.1

Core Fixed Income Universe

# FIXED INCOME QUARTERLY PERFORMANCE SUMMARY

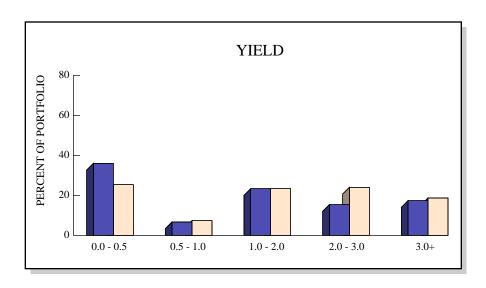
### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	21
Quarters Below the Benchmark	19
Batting Average	.525

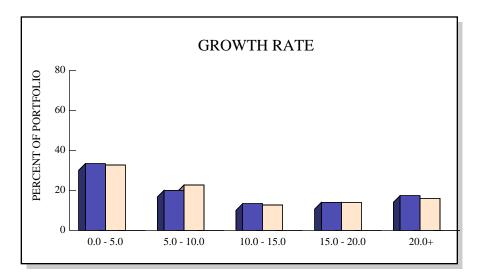
RATES OF RETURN								
Date	Portfolio	Benchmark	Difference					
12/07	3.5	3.0	0.5					
3/08	4.3	2.2	2.1					
6/08	-1.7	-1.0	-0.7					
9/08	1.0	-0.5	1.5					
12/08	6.5	4.6	1.9					
3/09	-0.1	0.1	-0.2					
6/09	-1.4	1.8	-3.2					
9/09	1.7	3.7	-2.0					
12/09	0.3	0.2	0.1					
3/10	1.1	1.8	-0.7					
6/10	3.3	3.5	-0.2					
9/10	2.1	2.5	-0.4					
12/10	-1.6	-1.3	-0.3					
3/11 6/11 9/11 12/11	0.0 2.1 3.2 0.6	0.4 2.3 3.8	-0.4 -0.2 -0.6 -0.5					
3/12	0.1	0.3	-0.2					
6/12	1.8	2.1	-0.3					
9/12	1.7	1.6	0.1					
12/12	0.6	0.2	0.4					
3/13	0.1	-0.1	0.2					
6/13	-2.1	-2.3	0.2					
9/13	0.6	0.6	0.0					
12/13	0.2	-0.1	0.3					
3/14	1.7	1.8	-0.1					
6/14	1.8	2.0	-0.2					
9/14	0.2	0.2	0.0					
12/14	1.6	1.8	-0.2					
3/15	1.7	1.6	0.1					
6/15	-1.2	-1.7	0.5					
9/15	1.2	1.2	0.0					
12/15	-0.1	-0.6	0.5					
3/16	3.3	3.0	0.3					
6/16	1.7	2.2	-0.5					
9/16	0.5	0.5	0.0					
12/16	-2.4	-3.0	0.6					
3/17	0.7	0.8	-0.1					
6/17	1.4	1.4	0.0					
9/17	0.9	0.8	0.1					

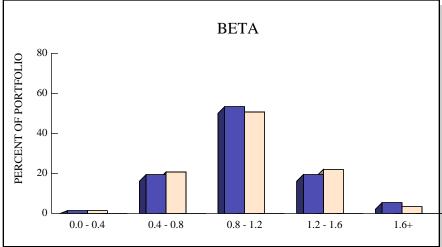
# STOCK CHARACTERISTICS



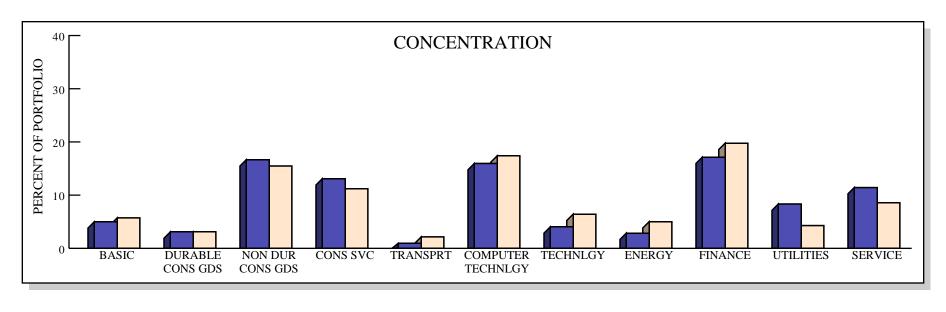


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	2,377	1.5%	9.8%	29.0	1.04	
RUSSELL 3000	2,981	1.8%	9.8%	24.1	1.04	

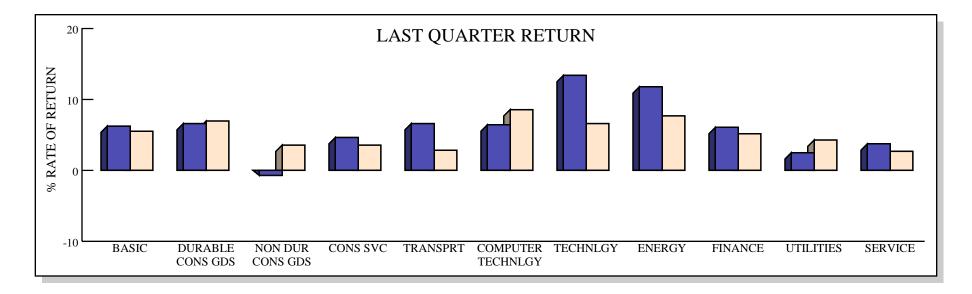




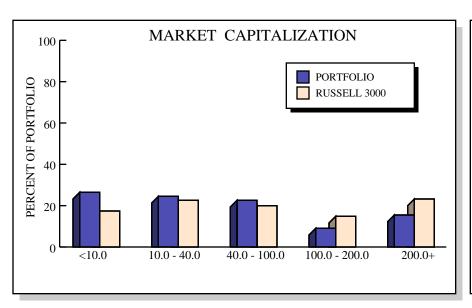
## STOCK INDUSTRY ANALYSIS

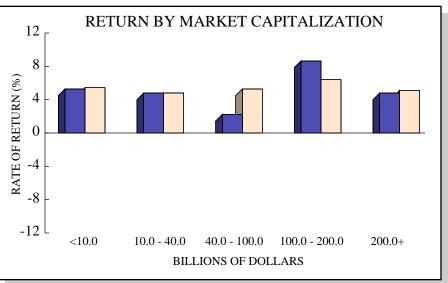


■ PORTFOLIO ■ RUSSELL 3000



### **TOP TEN HOLDINGS**

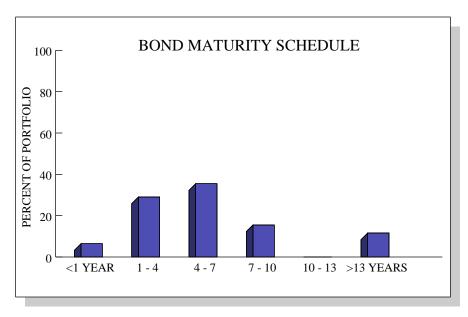


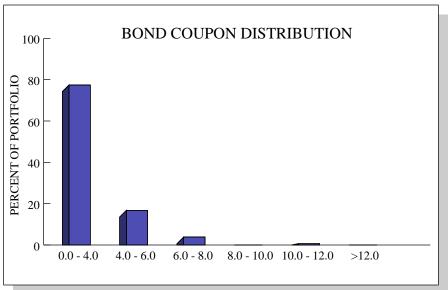


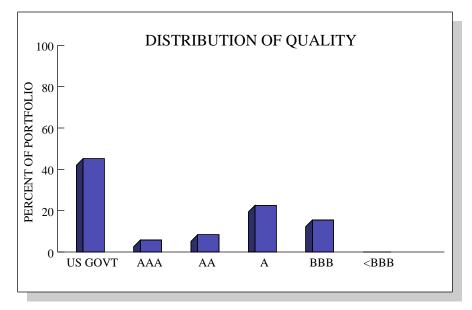
# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	FACEBOOK INC-A	\$ 1,821,474	2.78%	13.2%	Computer Tech	\$ 405.0 B
2	DTE ENERGY COMPANY	1,640,246	2.50%	2.2%	Utilities	19.3 B
3	ALPHABET INC-CL C	1,558,554	2.38%	5.5%	Computer Tech	333.5 B
4	ADOBE SYSTEMS INC	1,497,170	2.29%	5.5%	Computer Tech	73.5 B
5	VISA INC-CLASS A SHARES	1,428,002	2.18%	12.4%	Finance	192.5 B
6	AUTOMATIC DATA PROCESSING	1,379,946	2.11%	7.2%	Service	48.6 B
7	ORACLE CORP	1,288,334	1.97%	-3.2%	Computer Tech	201.8 B
8	CELGENE CORP	1,274,759	1.95%	12.3%	NonDur Cons Goods	114.1 B
9	MICROSOFT CORP	1,144,911	1.75%	8.6%	Computer Tech	573.7 B
10	ACCENTURE PLC-CL A	1,083,532	1.65%	9.7%	Consumer Service	83.5 B

## **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	212	9,547
Duration	5.67	5.96
YTM	2.52	2.55
Average Coupon	2.99	3.06
Avg Maturity / WAL	7.38	8.25
Average Quality	AAA-AA	<b>USG-AAA</b>

# **APPENDIX - MAJOR MARKET INDEX RETURNS**

Economic Data	Style	QTR	FYTD	1 Year	3 years	5 Years
Consumer Price Index	Economic Data	0.8	2.2	2.2	1.2	1.3
Domestic Equity	Style	QTR	FYTD	1 Year	3 years	5 Years
Russell 3000	Broad Equity	4.6	18.7	18.7	10.7	14.2
S&P 500	Large Cap Core	4.5	18.6	18.6	10.8	14.2
Russell 1000	Large Cap	4.5	18.5	18.5	10.6	14.3
Russell 1000 Growth	Large Cap Growth	5.9	21.9	21.9	12.7	15.3
Russell 1000 Value	Large Cap Value	3.1	15.1	15.1	8.5	13.2
Russell Mid Cap	Midcap	3.5	15.3	15.3	9.5	14.3
Russell Mid Cap Growth	Midcap Growth	5.3	17.8	17.8	10.0	14.2
Russell Mid Cap Value	Midcap Value	2.1	13.4	13.4	9.2	14.3
Russell 2000	Small Cap	5.7	20.7	20.7	12.2	13.8
Russell 2000 Growth	Small Cap Growth	6.2	20.9	20.9	12.2	14.3
Russell 2000 Value	Small Cap Value	5.1	20.5	20.5	12.1	13.3
International Equity	Style	QTR	FYTD	1 Year	3 years	5 Years
MSCI All Country World Ex US	Foreign Equity	6.3	20.1	20.1	5.2	7.5
MSCI EAFE	Developed Markets Equity	5.5	19.7	19.7	5.5	8.9
MSCI EAFE Growth	Developed Markets Growth	5.0	16.1	16.1	6.9	9.3
MSCI EAFE Value	Developed Markets Value	5.9	23.2	23.2	4.1	8.4
MSCI Emerging Markets	Emerging Markets Equity	8.0	22.9	22.9	5.3	4.4
Domestic Fixed Income	Style	QTR	FYTD	1 Year	3 years	5 Years
Bloomberg Barclays Aggregate Index	Core Fixed Income	0.8	0.1	0.1	2.7	2.1
Bloomberg Barclays Capital Gov't Bond	Treasuries	0.4	-1.6	-1.6	2.0	1.2
Bloomberg Barclays Capital Credit Bond	Corporate Bonds	1.4	2.0	2.0	3.9	3.2
Intermediate Aggregate	Core Intermediate	0.7	0.2	0.2	2.3	1.7
ML/BoA 1-3 Year Treasury	Short Term Treasuries	0.2	0.2	0.2	0.8	0.5
Citi High Yield BB & B Index	High Yield Bonds	2.0	8.1	8.1	5.3	5.8
Alternative Assets	Style	QTR	FYTD	1 Year	3 years	5 Years
Bloomberg Barclays Global Treasury Ex U	S International Treasuries	2.1	-4.4	-4.4	0.4	-1.2
NCREIF NFI-ODCE Index	Real Estate	1.9	7.6	7.6	10.8	11.6
HFRI FOF Composite	Hedge Funds	2.3	6.5	6.5	2.2	3.8

### **APPENDIX - DISCLOSURES**

\* The shadow index is a customized index that matches your portfolio's asset allocation on a quarterly basis.

This index was calculated using the following asset classes and corresponding benchmarks:

Large Cap Equity S&P 500

Mid Cap Equity

SMid Cap Equity

Russell 2500

Small Cap Equity

Russell 2000

Foreign Equity Foreign Equity Hybrid Index Real Assets Real Asset Blended Index

Fixed Income Bloomberg Barclays Aggregate Index

Cash & Equivalent 90 Day T Bill

\* The policy index is a passive policy-weighted index and was constructed as follows:

70% Wilshire 5000 10% MSCI EAFE Net 10% Barclay's Aggregate 10% NCREIF ODCE for all periods through September 30, 2009 70% Russell 3000 10% MSCI EAFE Net 10% Barclay's Aggregate 10% NCREIF ODCE for all periods through March 31, 2011 15% ACWI ex US Net 10% Barclay's Aggregate 10% NCREIF ODCE for all periods through March 31, 2011 10% Real Assets Blended Index for all periods since March 31, 2011 15% Russell 3000 15% ACWI ex US Net 15% Barclay's Aggregate 15% Real Assets Blended Index for all periods since January 1, 2015

- \* The Foreign Equity Hybrid Index is a customized index and was constructed as follows: 100% MSCI EAFE Net for all periods through March 31, 2011 and 100% ACWI ex US Net for all periods since March 31, 2011
- \* The Real Assets Blended Index is a passive index and was constructed as follows:
   100% NCREIF ODCE for all periods through June 30, 2011
   60% NCREIF ODCE 40% NCREIF TIMBER for all periods since June 30, 2011
- \* The Composite holdings do not include the holdings of the NTGI Extended Equity Fund. The holdings are unavailable and Northern Trust will not provide them.
- \* The Actuarial Blended Rate is a customized rate that tracks the changes of the actuarial rate over time.

This rate was calculated using the following rates:

8.66% for all periods through 9/30/2010 and 8.5% for all periods since 9/30/2010

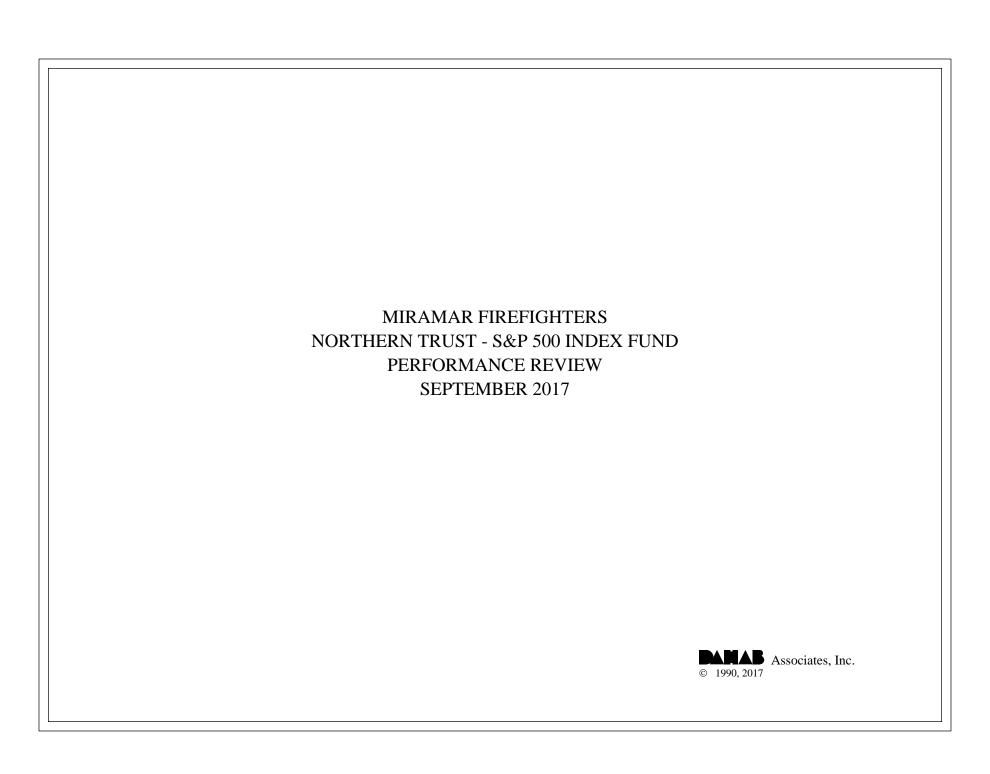
- \* Dahab Associates utilizes data provided by a custodian and other vendors it believes are reliable. However, it cannot assume responsibility for errors and omissions therefrom.
- \* All returns were calculated on a time-weighted basis, and are gross of fees unless otherwise noted.
- \* All returns for periods greater than one year are annualized.

All values are in US dollars.

Dahab Associates uses the modified duration measure to present average duration.

Danao Associates uses the mounted duration measure to present average duration

DAHAB ASSOCIATES, INC.



### **INVESTMENT RETURN**

On September 30th, 2017, the Miramar Firefighters' Northern Trust S&P 500 Index Fund was valued at \$12,085,779, representing an increase of \$518,622 from the June quarter's ending value of \$11,567,157. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$518,622 in net investment returns. Since there were no income receipts for the third quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$518,622.

For the cumulative period since September 2007, the portfolio has posted net withdrawals totaling \$11.9 million and recorded net investment gains totaling \$8.6 million. For the period since September 2007, if the fund had returned a compound annual rate of 9.0% it would have been valued at \$21.0 million or \$8.9 million more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

For the third quarter, the Northern Trust S&P 500 Index Fund returned 4.5%, which was equal to the S&P 500 Index's return of 4.5% and ranked in the 58th percentile of the Large Cap Core universe. Over the trailing year, this portfolio returned 18.6%, which was equal to the benchmark's 18.6% return, ranking in the 49th percentile. Since September 2007, the account returned 7.4% on an annualized basis and ranked in the 70th percentile. For comparison, the S&P 500 returned an annualized 7.4% over the same time frame.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 09/07			
Total Portfolio - Gross	4.5	18.6	10.8	14.2	7.4			
LARGE CAP CORE RANK	(58)	(49)	(43)	(50)	(70)			
Total Portfolio - Net	4.5	18.5	10.7	14.1	7.3			
S&P 500	4.5	18.6	10.8	14.2	7.4			
Large Cap Equity - Gross	4.5	18.6	10.8	14.2	7.4			
LARGE CAP CORE RANK	(58)	(49)	(43)	(50)	(70)			
S&P 500	4.5	18.6	10.8	14.2	7.4			

ASSET ALLOCATION					
Large Cap Equity	100.0%	\$ 12,085,779			
Total Portfolio	100.0%	\$ 12,085,779			

## INVESTMENT RETURN

 Market Value 6/2017
 \$ 11,567,157

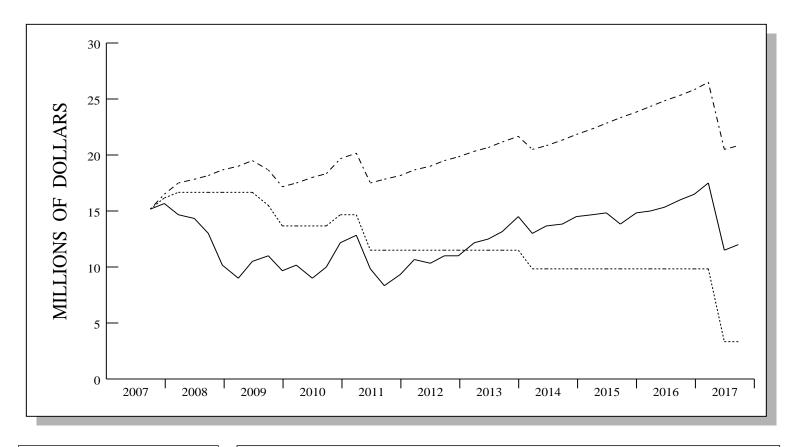
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 518,622

 Market Value 9/2017
 \$ 12,085,779

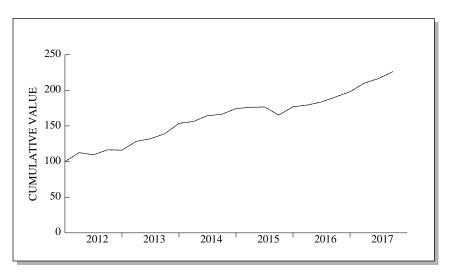
## **INVESTMENT GROWTH**

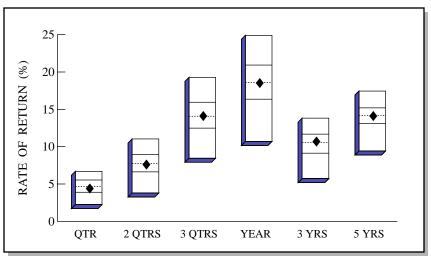


VALUE ASSUMING
9.0% RETURN \$ 20,995,753

	LAST QUARTER	PERIOD 9/07 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 11,567,157 0 518,622 \$ 12,085,779	\$ 15,304,500 -11,859,813 <u>8,641,092</u> \$ 12,085,779
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{518,622}$ 518,622	8,641,092 8,641,092

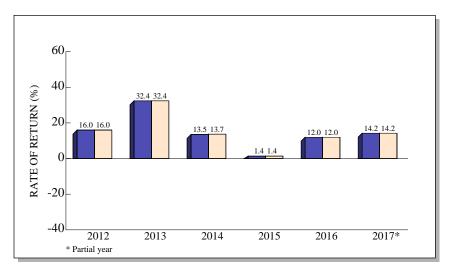
# TOTAL RETURN COMPARISONS





Large Cap Core Universe





	_QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	4.5 (58)	7.7 (51)	14.2 (46)	18.6 (49)	10.8 (43)	14.2 (50)
5TH %ILE	6.7	11.0	19.3	24.9	13.8	17.5
25TH %ILE MEDIAN	5.5 4.7	9.0 7.7	15.9 14.1	20.9 18.6	11.7 10.5	15.2 14.2
75TH %ILE	3.9	6.6	12.5	16.4	9.1	13.1
95TH %ILE	2.2	3.8	8.4	10.7	5.7	9.4
S&P 500	4.5	7.7	14.2	18.6	10.8	14.2

Large Cap Core Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

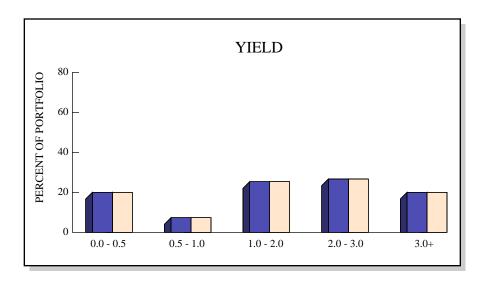
**COMPARATIVE BENCHMARK: S&P 500** 

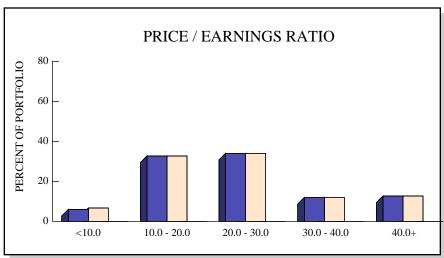


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	35
Quarters Below the Benchmark	5
Batting Average	.875

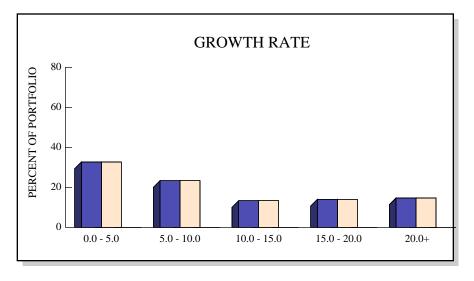
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/07	-3.4	-3.3	-0.1			
3/08	-9.5	-9.4	-0.1			
6/08	-2.6	-2.7	0.1			
9/08	-9.0	-8.4	-0.6			
12/08	-22.1	-21.9	-0.2			
3/09	-11.0	-11.0	0.0			
6/09	16.4	15.9	0.5			
9/09	15.7	15.6	0.1			
12/09	6.1	6.0	0.1			
3/10	5.5	5.3	0.2			
6/10	-11.4	-11.4	0.0			
9/10	11.3	11.3	0.0			
12/10	10.8	10.8	0.0			
3/11	5.9	5.9	0.0			
6/11	0.1	0.1	0.0			
9/11	-13.9	-13.9	0.0			
12/11	11.8	11.8	0.0			
3/12	12.6	12.6	0.0			
6/12	-2.8	-2.8	0.0			
9/12	6.4	6.3	0.1			
12/12	-0.4	-0.4	0.0			
3/13	10.6	10.6	0.0			
6/13	2.9	2.9	0.0			
9/13	5.2	5.2	0.0			
12/13	10.5	10.5	0.0			
3/14	1.7	1.8	-0.1			
6/14	5.2	5.2	0.0			
9/14	1.1	1.1	0.0			
12/14	4.9	4.9	0.0			
3/15	0.9	0.9	0.0			
6/15	0.3	0.3	0.0			
9/15	-6.4	-6.4	0.0			
12/15	7.1	7.0	0.1			
3/16	1.3	1.3	0.0			
6/16	2.5	2.5	0.0			
9/16	3.9	3.9	0.0			
12/16	3.8	3.8	0.0			
3/17	6.1	6.1	0.0			
6/17	3.1	3.1	0.0			
9/17	4.5	4.5	0.0			

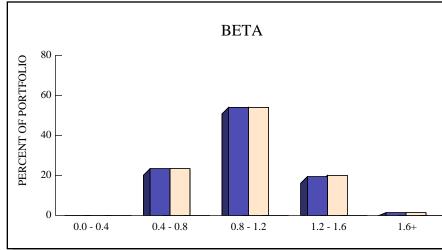
## STOCK CHARACTERISTICS





"	HOLDINGS	YIELD	GROWTH	P/E	BETA
PORTFOLIO	505	1.9%	9.5%	24.8	1.02
S&P 500	505	1.9%	9.5%	24.8	1.00

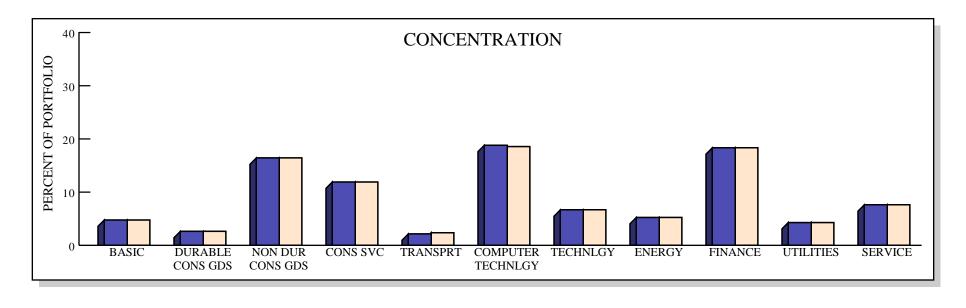


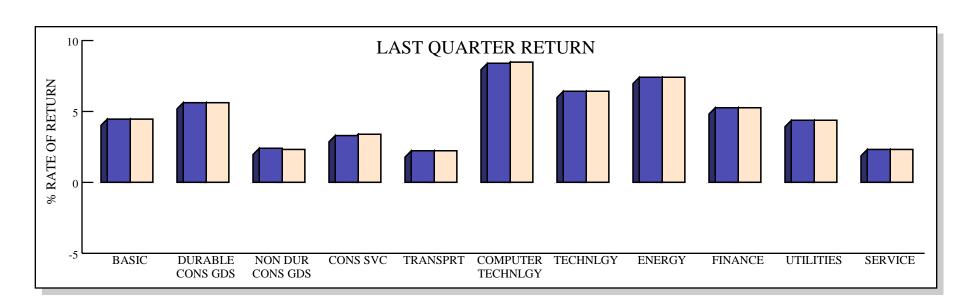


☐ S&P 500

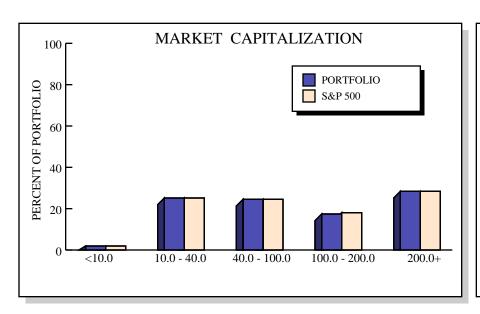
PORTFOLIO

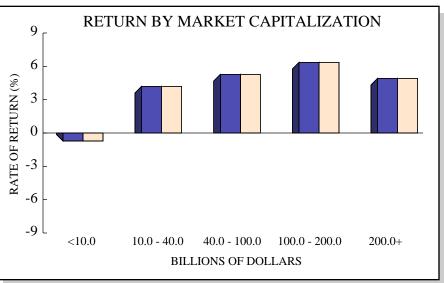
## STOCK INDUSTRY ANALYSIS





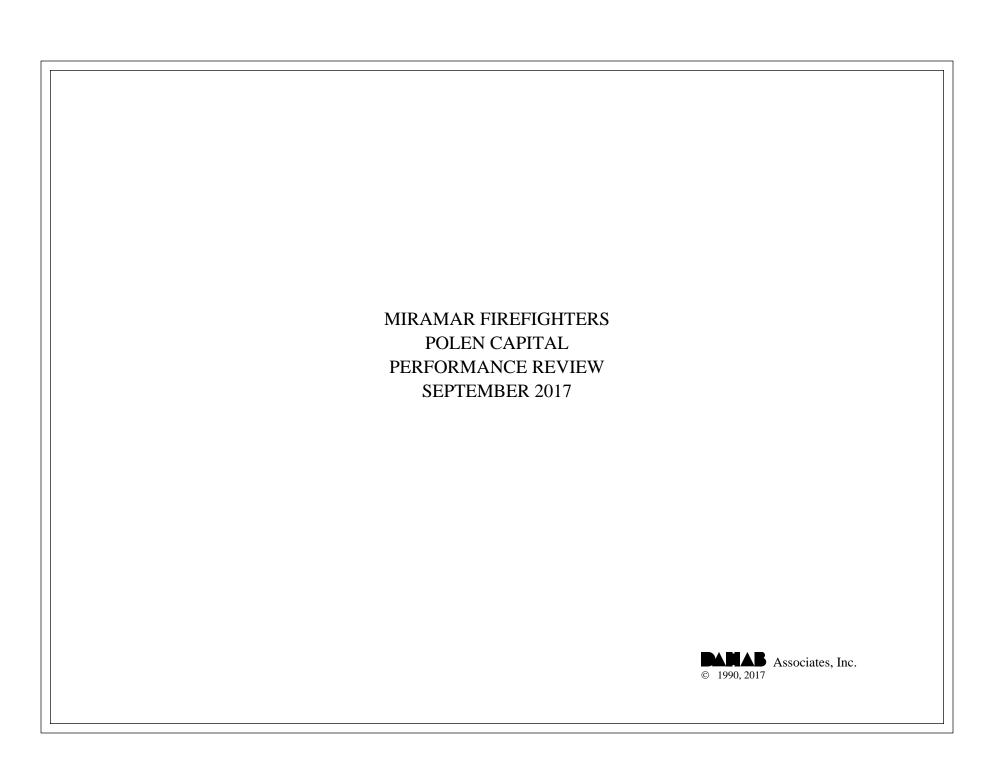
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	APPLE INC	\$ 429,841	3.56%	7.4%	Computer Tech	\$ 796.1 B
2	MICROSOFT CORP	309,804	2.56%	8.6%	Computer Tech	573.7 B
3	AMAZON.COM INC	248,990	2.06%	-0.7%	Consumer Service	461.8 B
4	FACEBOOK INC-A	218,714	1.81%	13.2%	Computer Tech	405.0 B
5	JOHNSON & JOHNSON	188,384	1.56%	-1.1%	NonDur Cons Goods	348.9 B
6	EXXON MOBIL CORP	187,570	1.55%	2.5%	Energy	347.4 B
7	JPMORGAN CHASE & CO	181,469	1.50%	5.0%	Finance	336.1 B
8	ALPHABET INC-CL C	180,313	1.49%	5.5%	Computer Tech	333.5 B
9	ALPHABET INC-CL A	156,769	1.30%	4.7%	Computer Tech	290.2 B
10	WELLS FARGO & CO	147,802	1.22%	0.2%	Finance	273.8 B



#### **INVESTMENT RETURN**

On September 30th, 2017, the Miramar Firefighters' Polen Capital portfolio was valued at \$20,849,337, representing an increase of \$817,292 from the June quarter's ending value of \$20,032,045. Last quarter, the Fund posted withdrawals totaling \$2,358, which partially offset the portfolio's net investment return of \$819,650. Income receipts totaling \$26,944 plus net realized and unrealized capital gains of \$792,706 combined to produce the portfolio's net investment return.

For the cumulative period since March 2014, the fund has recorded net withdrawals totaling \$28,918 and posted net investment gains of \$8.4 million. For the period since March 2014, if the total fund had returned a compound annual rate of 9.0% it would have been valued at \$16.9 million or \$4.0 million less than the actual value as of September 30th, 2017.

### **RELATIVE PERFORMANCE**

In the third quarter, the Polen Capital portfolio gained 4.1%, which was 1.8% below the Russell 1000 Growth's return of 5.9% and ranked in the 76th percentile of the Large Cap Growth universe. Over the trailing year, the portfolio returned 20.8%, which was 1.1% less than the benchmark's 21.9% performance, and ranked in the 51st percentile. Since March 2014, the portfolio returned 15.8% on an annualized basis and ranked in the 3rd percentile. For comparison, the Russell 1000 Growth returned an annualized 12.9% over the same period.

#### **ANALYSIS**

The highly concentrated Polen Capital Focus Growth Portfolio was focused on only six of the eleven sectors in our data analysis. With respect to the Russell 1000 Growth index, the portfolio was overweight in the Non-Durable Consumer Goods, Consumer Service, Computer Technology, Finance, and Service sectors while the underweighted Technology sector was a solo act.

Last quarter the Polen portfolio posted a 180 basis point deficit to the market. The portfolio lost a large amount of ground in the heavily concentrated and underperforming Non-Durable Consumer Goods, Consumer Service, and Computer Technology sectors. Headwinds were gained in the Technology and Finance sectors but not enough to counteract the negative ones. In addition, the absence of investments in the Energy and Utilities sectors wounded the portfolio as they were strong contenders for the market.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 03/14			
Total Portfolio - Gross	4.1	20.8	16.4		15.8			
LARGE CAP GROWTH RANK	(76)	(51)	(3)		(3)			
Total Portfolio - Net	3.9	20.0	15.7		15.2			
Russell 1000G	5.9	21.9	12.7	15.3	12.9			
Large Cap Equity - Gross	4.2	21.6	17.0		16.4			
LARGE CAP GROWTH RANK	(74)	(40)	(1)		(2)			
Russell 1000G	5.9	21.9	12.7	15.3	12.9			

ASSET ALLOCATION						
Large Cap Equity Cash	96.8% 3.2%	\$ 20,182,159 667,178				
Total Portfolio	100.0%	\$ 20,849,337				

## INVESTMENT RETURN

 Market Value 6/2017
 \$ 20,032,045

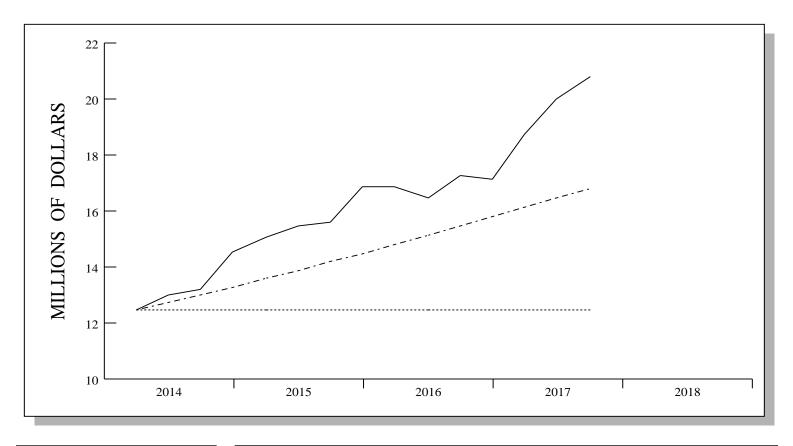
 Contribs / Withdrawals
 - 2,358

 Income
 26,944

 Capital Gains / Losses
 792,706

 Market Value 9/2017
 \$ 20,849,337

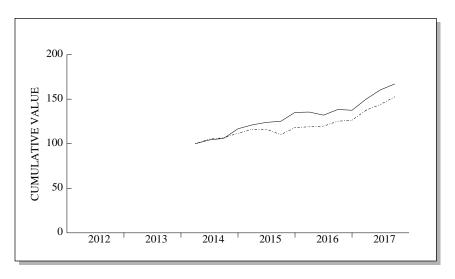
# **INVESTMENT GROWTH**

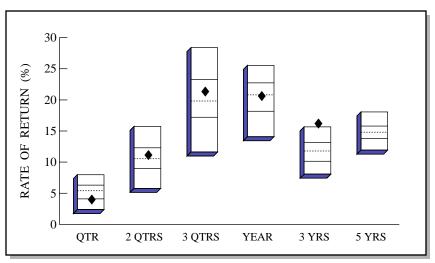


VALUE ASSUMING
9.0% RETURN \$ 16,863,557

	LAST QUARTER	PERIOD 3/14 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 20,032,045 - 2,358 819,650 \$ 20,849,337	\$ 12,497,416 - 28,918 8,380,839 \$ 20,849,337
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	26,944 792,706 819,650	527,671 7,853,168 8,380,839

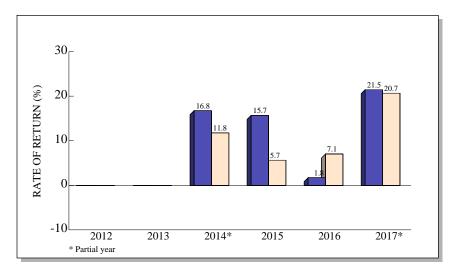
# TOTAL RETURN COMPARISONS





Large Cap Growth Universe



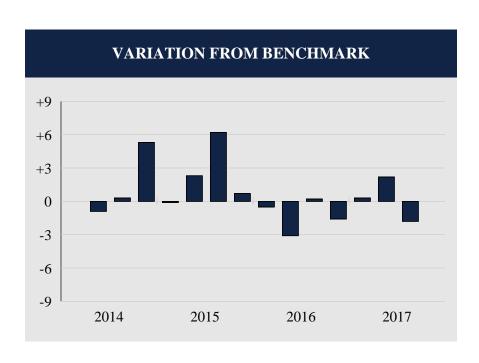


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	4.1	11.2	21.5	20.8	16.4	
(RANK)	(76)	(36)	(35)	(51)	(3)	
5TH %ILE	8.0	15.8	28.4	25.5	15.7	18.1
25TH %ILE	6.3	12.3	23.2	22.7	13.2	15.8
MEDIAN	5.4	10.5	19.8	20.8	11.8	14.8
75TH %ILE	4.1	9.0	17.2	18.2	10.1	13.8
95TH %ILE	2.4	5.8	11.6	14.1	8.1	11.9
Russ 1000G	5.9	10.8	20.7	21.9	12.7	15.3

Large Cap Growth Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

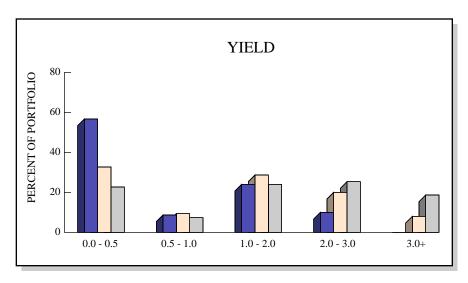
COMPARATIVE BENCHMARK: RUSSELL 1000 GROWTH

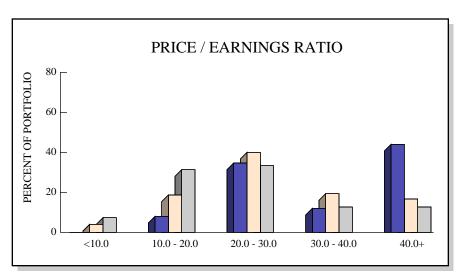


Total Quarters Observed	14
Quarters At or Above the Benchmark	8
<b>Quarters Below the Benchmark</b>	6
Batting Average	.571

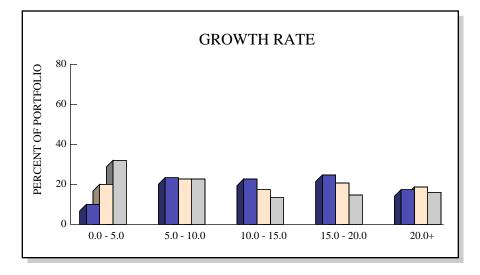
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/14	4.2	5.1	-0.9			
9/14	1.8	1.5	0.3			
12/14	10.1	4.8	5.3			
3/15	3.7	3.8	-0.1			
6/15	2.4	0.1	2.3			
9/15	0.9	-5.3	6.2			
12/15	8.0	7.3	0.7			
3/16	0.2	0.7	-0.5			
6/16	-2.5	0.6	-3.1			
9/16	4.8	4.6	0.2			
12/16	-0.6	1.0	-1.6			
3/17	9.2	8.9	0.3			
6/17	6.9	4.7	2.2			
9/17	4.1	5.9	-1.8			

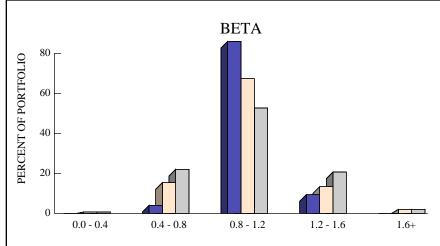
# STOCK CHARACTERISTICS



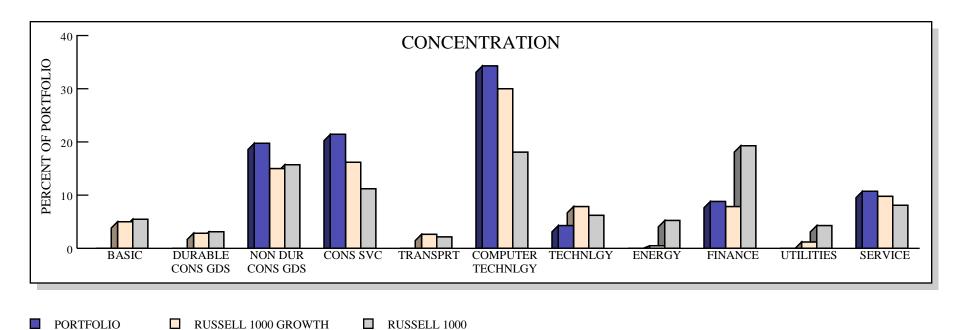


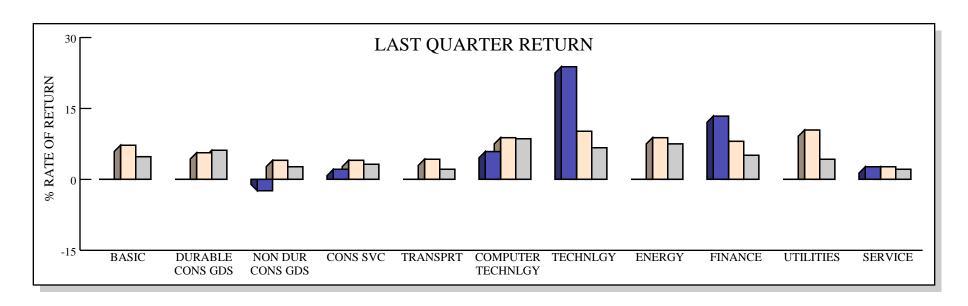
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	20	0.6%	14.9%	39.6	1.07	
RUSSELL 1000G	550	1.3%	13.5%	29.0	1.04	
RUSSELL 1000	981	1.9%	9.9%	24.5	1.02	



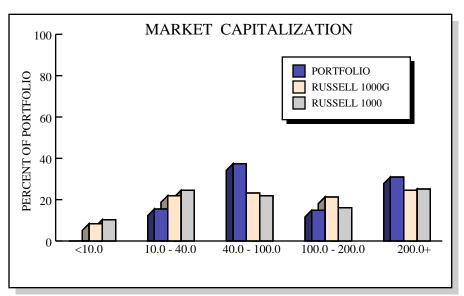


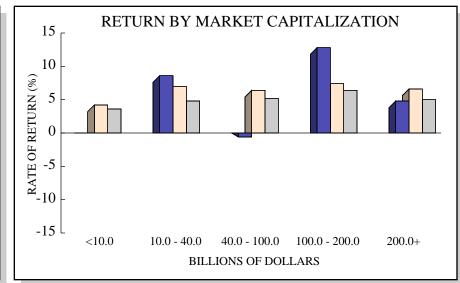
### STOCK INDUSTRY ANALYSIS





### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	FACEBOOK INC-A	\$ 1,602,761	7.94%	13.2%	Computer Tech	\$ 405.0 B
2	ADOBE SYSTEMS INC	1,457,489	7.22%	5.5%	Computer Tech	73.5 B
3	ALPHABET INC-CL C	1,378,241	6.83%	5.5%	Computer Tech	333.5 B
4	VISA INC-CLASS A SHARES	1,324,024	6.56%	12.4%	Finance	192.5 B
5	CELGENE CORP	1,213,222	6.01%	12.3%	NonDur Cons Goods	114.1 B
6	AUTOMATIC DATA PROCESSING	1,186,778	5.88%	7.2%	Service	48.6 B
7	ORACLE CORP	1,179,402	5.84%	-3.2%	Computer Tech	201.8 B
8	ACCENTURE PLC-CL A	1,038,418	5.15%	9.7%	Consumer Service	83.5 B
9	NIKE INC -CL B	1,032,333	5.12%	-11.8%	NonDur Cons Goods	68.0 B
10	PRICELINE GROUP INC/THE	1,017,936	5.04%	-2.1%	Service	89.8 B



#### **INVESTMENT RETURN**

On September 30th, 2017, the Miramar Firefighters' Invesco Diversified Dividend portfolio was valued at \$17,689,921, representing an increase of \$346,241 from the June quarter's ending value of \$17,343,680. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$346,241 in net investment returns. Since there were no income receipts for the third quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$346,241.

For the cumulative period since December 2016, the portfolio has posted net contributions totaling \$3.0 million, and recorded net investment gains totaling \$844,435. For the period since December 2016, if the fund had returned a compound annual rate of 9.0% it would have been valued at \$17.9 million or \$200,883 more than the actual value as of September 30th, 2017.

#### **RELATIVE PERFORMANCE**

For the third quarter, the Invesco Diversified Dividend portfolio returned 2.1%, which was 1.0% less than the Russell 1000 Value Index's return of 3.1% and ranked in the 92nd percentile of the Large Cap Value universe.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
Quarter FYTD / 1Y 3 Year 5 Year Since 12/16								
Total Portfolio - Gross	2.1				5.8			
LARGE CAP VALUE RANK	(92)				(94)			
Total Portfolio - Net	2.0				5.4			
Russell 1000V	3.1	15.1	8.5	13.2	7.9			
Large Cap Equity - Gross	2.1				5.8			
LARGE CAP VALUE RANK	(92)				(94)			
Russell 1000V	3.1	15.1	8.5	13.2	7.9			

ASSET ALLOCATION						
Large Cap Equity	100.0%	\$ 17,689,921				
Total Portfolio	100.0%	\$ 17,689,921				

## INVESTMENT RETURN

 Market Value 6/2017
 \$ 17,343,680

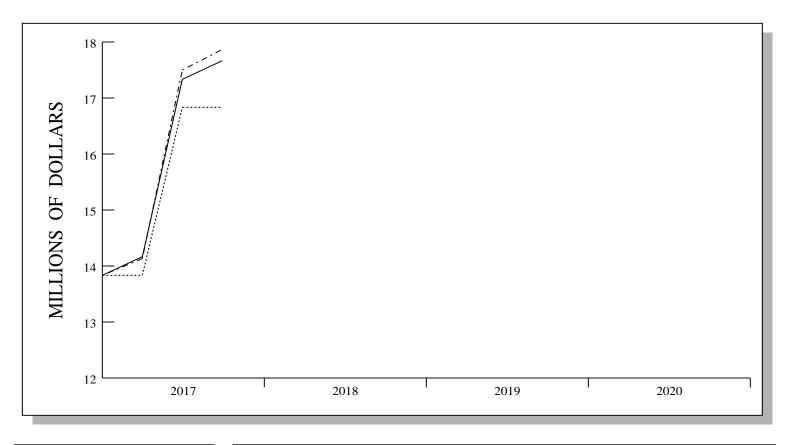
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 346,241

 Market Value 9/2017
 \$ 17,689,921

# **INVESTMENT GROWTH**

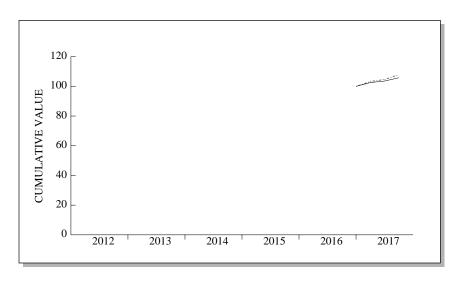


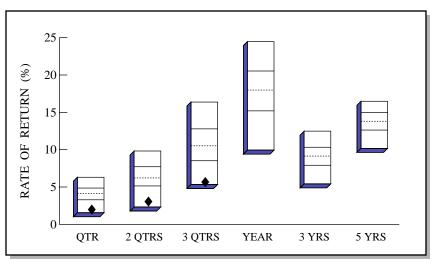
VALUE ASSUMING 9.0% RETURN \$ 17,890,804

	LAST QUARTER	PERIOD 12/16 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$     \begin{array}{r}       \$ 17,343,680 \\       0 \\       \hline       346,241 \\       \$ 17,689,921     \end{array} $	\$ 13,845,486 3,000,000 844,435 \$ 17,689,921
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{346,241}$ 346,241	844,435 844,435

3

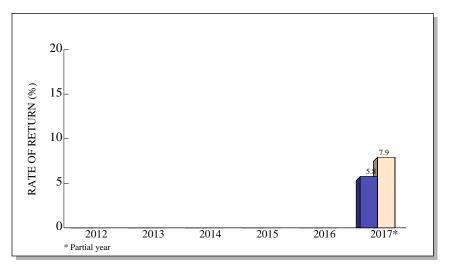
# TOTAL RETURN COMPARISONS





Large Cap Value Universe



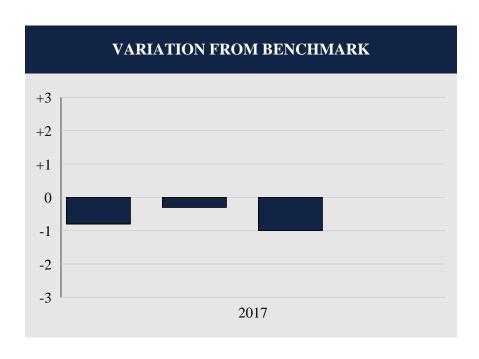


ANNUALIZED						
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.1	3.1	5.8			
(RANK)	(92)	(92)	(94)			
5TH %ILE	6.3	9.8	16.4	24.5	12.5	16.5
25TH %ILE	4.9	7.7	12.8	20.5	10.3	15.0
MEDIAN	4.1	6.2	10.5	18.0	9.1	13.8
75TH %ILE	3.3	5.2	8.5	15.2	7.9	12.6
95TH %ILE	1.6	2.3	5.3	9.9	5.4	10.2
Russ 1000V	3.1	4.5	7.9	15.1	8.5	13.2

Large Cap Value Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

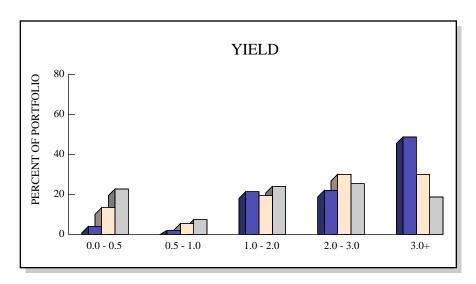
COMPARATIVE BENCHMARK: RUSSELL 1000 VALUE

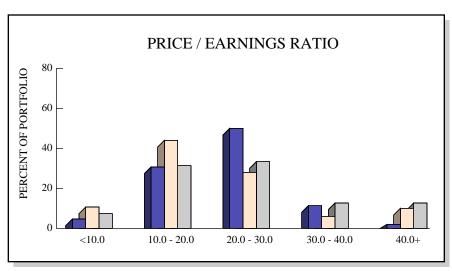


Total Quarters Observed	3
Quarters At or Above the Benchmark	0
Quarters Below the Benchmark	3
Batting Average	.000

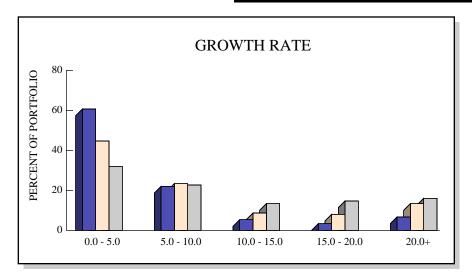
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
3/17	2.5	3.3	-0.8			
6/17	1.0	1.3	-0.3			
9/17	2.1	3.1	-1.0			

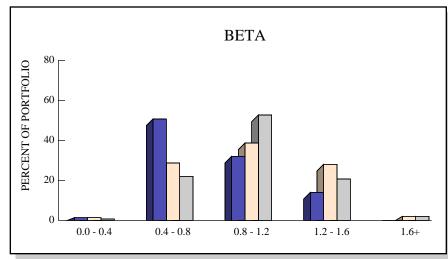
# STOCK CHARACTERISTICS



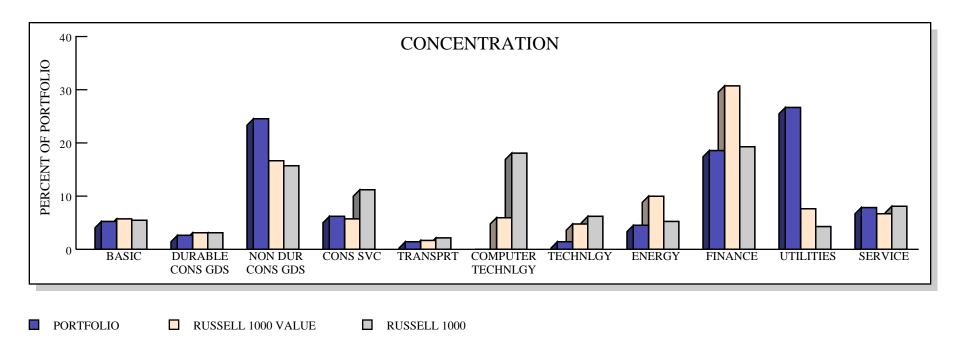


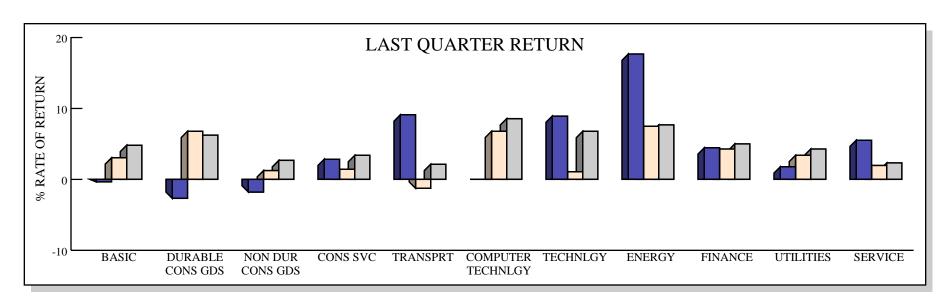
		# HOLDINGS	YIELD	GROWTH	P/E	BETA	
	PORTFOLIO	67	2.8%	2.4%	21.5	0.86	
	RUSSELL 1000V	716	2.4%	6.1%	20.3	1.00	
	RUSSELL 1000	981	1.9%	9.9%	24.5	1.02	



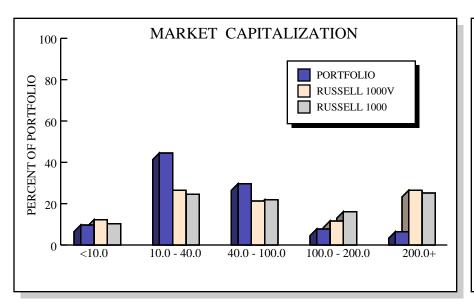


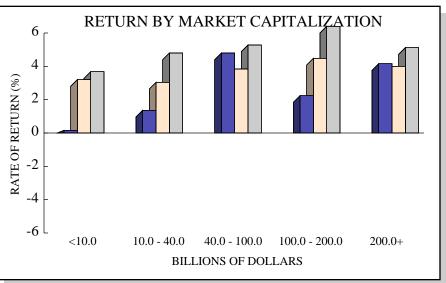
### STOCK INDUSTRY ANALYSIS





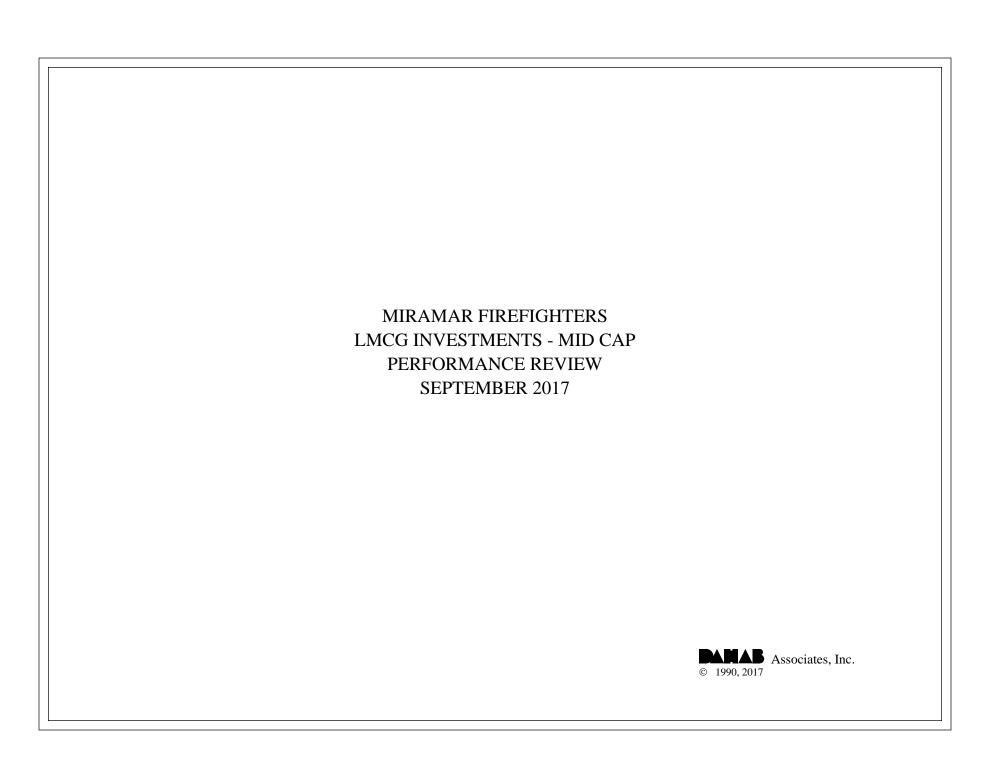
#### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	DTE ENERGY COMPANY	\$ 1,469,758	8.31%	2.2%	Utilities	\$ 19.3 B
2	AT&T INC	573,684	3.24%	5.1%	Service	240.5 B
3	HARTFORD FINANCIAL SVCS GRP	547,870	3.10%	5.9%	Finance	20.2 B
4	GENERAL MILLS INC	544,515	3.08%	-5.6%	NonDur Cons Goods	29.4 B
5	PPL CORP	540,256	3.05%	-0.8%	Utilities	25.8 B
6	COCA-COLA CO/THE	504,832	2.85%	1.2%	NonDur Cons Goods	192.0 B
7	EXELON CORP	492,460	2.78%	5.3%	Utilities	36.2 B
8	SUNCOR ENERGY INC	438,786	2.48%	20.0%	Energy	58.1 B
9	PROCTER & GAMBLE CO/THE	385,573	2.18%	5.1%	NonDur Cons Goods	232.0 B
10	DOMINION ENERGY INC	364,264	2.06%	1.3%	Utilities	49.4 B



#### INVESTMENT RETURN

On September 30th, 2017, the Miramar Firefighters' LMCG Investments Mid Cap portfolio was valued at \$10,199,389, representing an increase of \$391,801 from the June quarter's ending value of \$9,807,588. Last quarter, the Fund posted withdrawals totaling \$1,223, which partially offset the portfolio's net investment return of \$393,024. Income receipts totaling \$27,441 plus net realized and unrealized capital gains of \$365,583 combined to produce the portfolio's net investment return.

For the cumulative period since December 2007, the fund has recorded net withdrawals totaling \$6.4 million and posted net investment gains of \$7.6 million. For the period since December 2007, if the total fund returned a compound annual rate of 9.0% it would have been valued at \$12.9 million or \$2.7 million more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

In the third quarter, the LMCG Investments Mid Cap portfolio gained 4.0%, which was 0.5% above the Lee Munder Index's return of 3.5% and ranked in the 46th percentile of the Mid Cap universe. Over the trailing year, the portfolio returned 17.2%, which was 1.9% greater than the benchmark's 15.3% performance, and ranked in the 58th percentile. Since December 2007, the portfolio returned 7.6% on an annualized basis and ranked in the 89th percentile. For comparison, the Lee Munder Index returned an annualized 8.6% over the same period.

#### ASSET ALLOCATION

On September 30th, 2017, mid cap equities comprised 98.0% of the total portfolio (\$10.0 million), while cash & equivalents totaled 2.0% (\$202,956).

#### **EQUITY ANALYSIS**

At the end of quarter, the Lee Munder portfolio was diversified across ten of the eleven sectors in our data analysis. With respect to the Russell Mid Cap index, the portfolio was overweight in the Basic, Consumer Service, Computer Technology, Energy, Finance, Utilities and Service sectors, while underweight in Durable Consumer Goods, Non-Durable Consumer goods, Technology, and Finance sectors. Transportation was left unfunded.

The portfolio outperformed the index in five of the nine invested sectors. These sectors included the overweight Basic, Consumer Service, Energy and Utilities sectors. The Non-Durable Consumer Goods and Technology sectors both suffered losses but were not enough to hinder overall performance. The portfolio beat the index by 50 basis points.

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY					
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 12/07
Total Portfolio - Gross	4.0	17.2	11.2	14.2	7.6
MID CAP RANK	(46)	(58)	(31)	(58)	(89)
Total Portfolio - Net	3.8	16.3	10.3	13.3	6.8
Lee Munder Index	3.5	15.3	9.8	13.4	8.6
Mid Cap Equity - Gross	4.1	17.6			
MID CAP RANK	(44)	(54)			

ASSET ALLOCATION					
Mid Cap Equity Cash	98.0% 2.0%	\$ 9,996,433 202,956			
Total Portfolio	100.0%	\$ 10,199,389			

### INVESTMENT RETURN

 Market Value 6/2017
 \$ 9,807,588

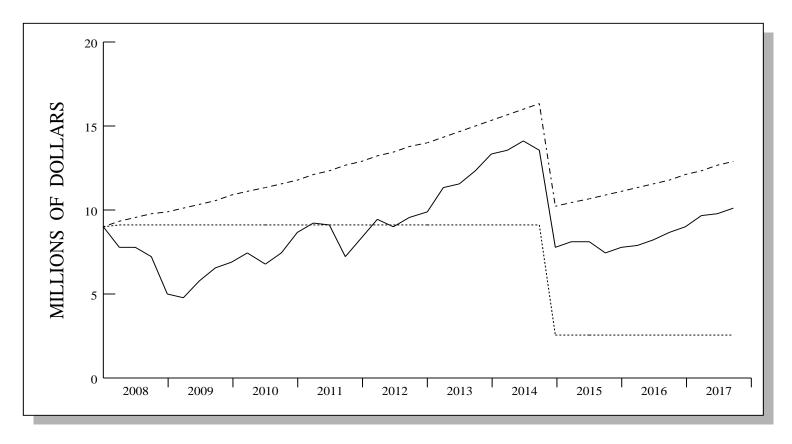
 Contribs / Withdrawals
 - 1,223

 Income
 27,441

 Capital Gains / Losses
 365,583

 Market Value 9/2017
 \$ 10,199,389

### **INVESTMENT GROWTH**

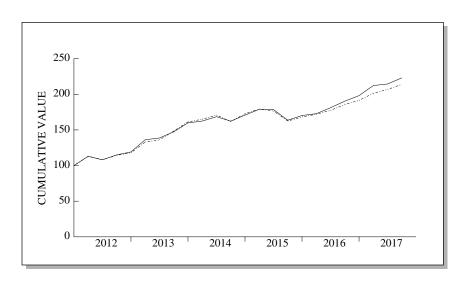


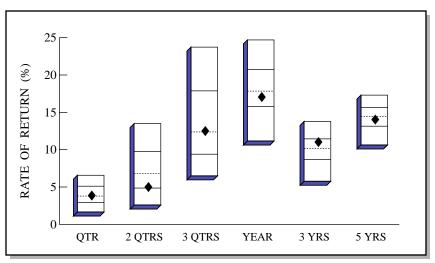
------ ACTUAL RETURN
------ 9.0%
------ 0.0%

VALUE ASSUMING
9.0% RETURN \$ 12,945,078

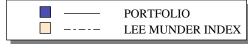
	LAST QUARTER	PERIOD 12/07 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{r} \$ \ 9,807,588 \\ -1,223 \\ \hline 393,024 \\ \$ \ 10,199,389 \end{array}$	\$ 9,025,150 -6,377,703 7,551,942 \$ 10,199,389
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	27,441 365,583 393,024	$ \begin{array}{r} 1,200,399 \\ \underline{6,351,543} \\ 7,551,942 \end{array} $

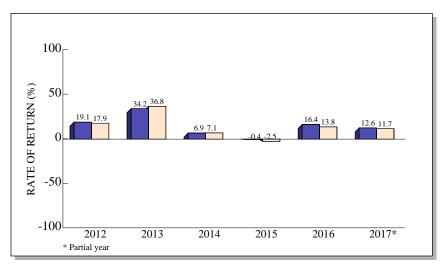
## TOTAL RETURN COMPARISONS





Mid Cap Universe



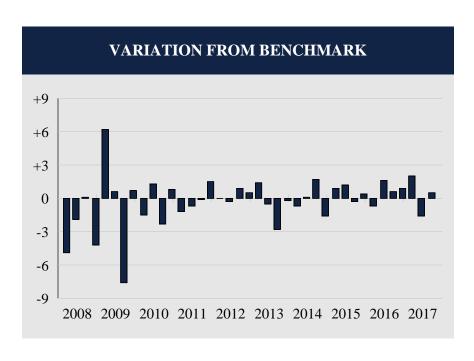


					ANNU <i>A</i>	LIZED
_	QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	4.0	5.1	12.6	17.2	11.2	14.2
(RANK)	(46)	(72)	(49)	(58)	(31)	(58)
5TH %ILE	6.6	13.5	23.7	24.7	13.8	17.3
25TH %ILE	5.1	9.8	17.9	20.7	11.4	15.6
MEDIAN	3.8	6.8	12.4	17.8	10.2	14.4
75TH %ILE	2.9	4.9	9.4	15.8	8.7	13.2
95TH %ILE	1.6	2.6	6.5	11.2	5.8	10.7
Lee Munder Idx	3.5	6.3	11.7	15.3	9.8	13.4

Mid Cap Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

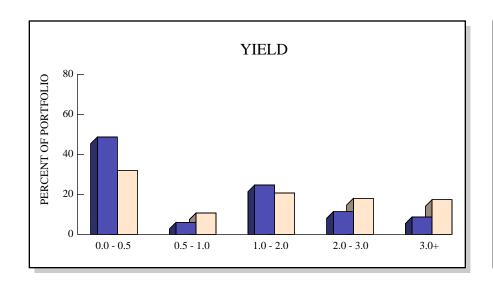
COMPARATIVE BENCHMARK: LEE MUNDER INDEX

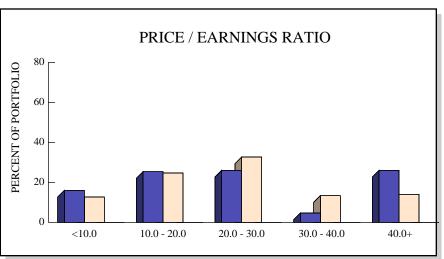


<b>Total Quarters Observed</b>	39
Quarters At or Above the Benchmark	21
<b>Quarters Below the Benchmark</b>	18
Batting Average	.538

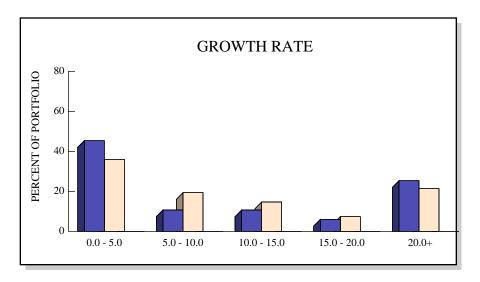
RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
Date  3/08 6/08 9/08 12/08 3/09 6/09 9/09 12/09 3/10 6/10 9/10 12/10 3/11 6/11 9/11 12/11 3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16	Portfolio  -14.3 -0.5 -6.6 -30.5 -5.2 20.9 12.5 5.8 7.7 -8.7 9.9 15.6 7.5 -1.3 -21.3 16.0 13.0 -4.4 6.5 3.6 14.3 1.8 6.3 8.5 1.6 3.7 -3.7 5.2 4.8 -0.3 -8.3 4.0 1.5 4.8	Penchmark  -9.4 1.4 -6.7 -26.3 -11.4 20.3 20.1 5.1 9.2 -10.0 12.2 14.8 8.7 -0.6 -21.2 14.5 13.0 -4.1 5.6 3.1 12.9 2.3 9.1 8.7 2.3 3.6 -5.4 6.8 3.9 -1.5 -8.0 3.6 2.2 3.2	Difference  -4.9 -1.9 0.1 -4.2 6.2 0.6 -7.6 0.7 -1.5 1.3 -2.3 0.8 -1.2 -0.7 -0.1 1.5 0.0 -0.3 0.9 0.5 1.4 -0.5 -2.8 -0.2 -0.7 0.1 1.7 -1.6 0.9 1.2 -0.3 0.4 -0.7 1.6		
9/16 12/16 3/17 6/17 9/17	5.1 4.1 7.1 1.1 4.0	4.5 3.2 5.1 2.7 3.5	0.6 0.9 2.0 -1.6 0.5		

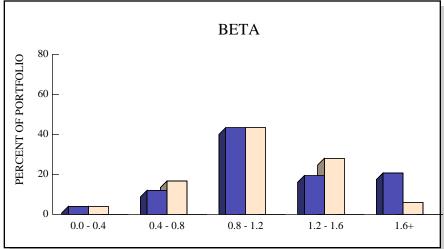
### STOCK CHARACTERISTICS



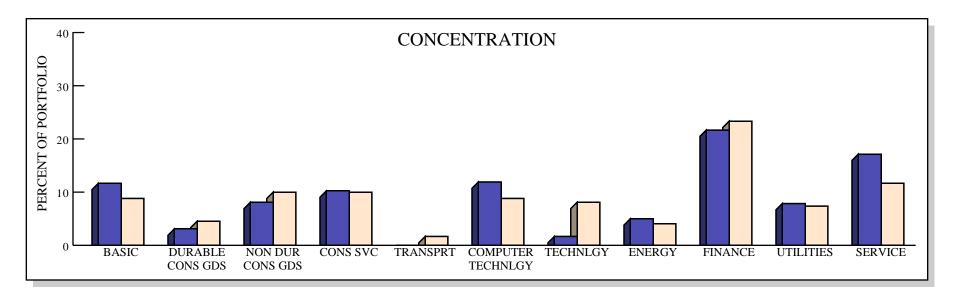


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	89	1.1%	8.2%	25.6	1.13	
RUSSELL MID	783	1.7%	10.5%	23.3	1.05	

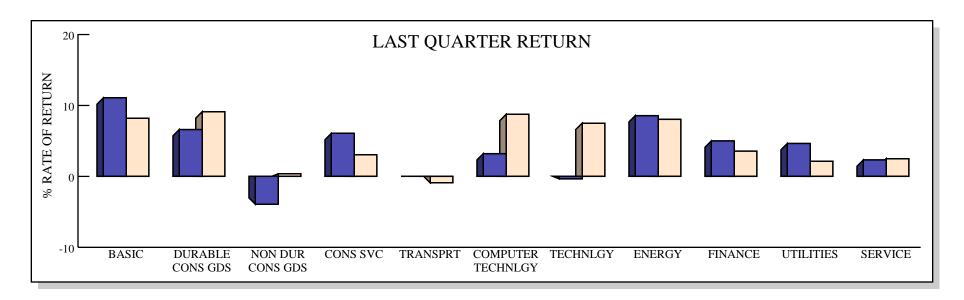




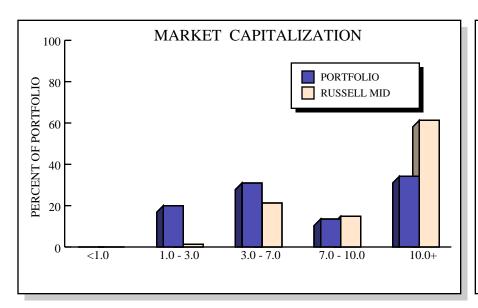
### STOCK INDUSTRY ANALYSIS

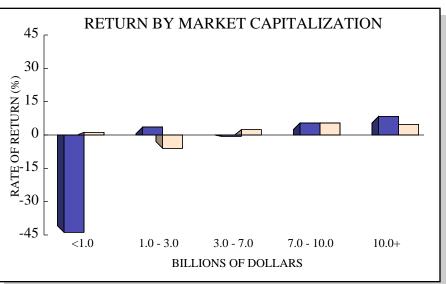






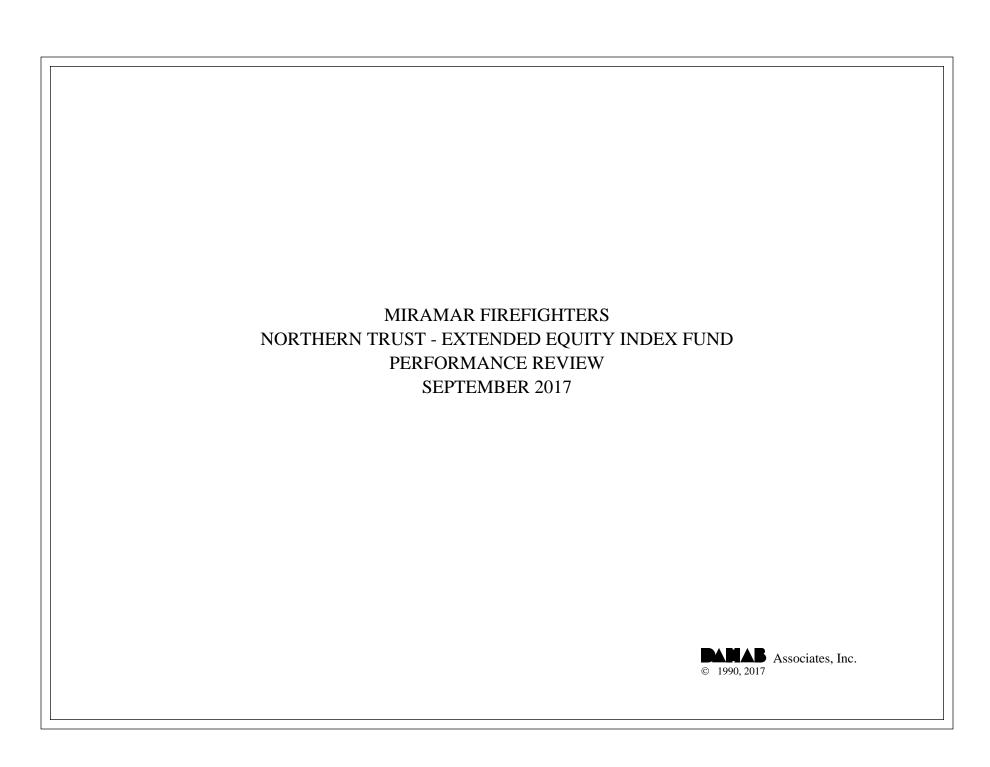
#### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	SYNOPSYS INC	\$ 226,289	2.22%	10.4%	Computer Tech	\$ 12.1 B
2	NEXSTAR MEDIA GROUP INC-CL A	207,646	2.04%	4.6%	Service	2.9 B
3	LKQ CORP	189,595	1.86%	9.2%	Service	11.1 B
4	SVB FINANCIAL GROUP	186,342	1.83%	6.4%	Finance	9.9 B
5	ALEXANDRIA REAL ESTATE EQUIT	183,214	1.80%	-0.6%	Finance	11.1 B
6	FIDELITY NATIONAL INFO SERV	175,200	1.72%	9.7%	Service	31.0 B
7	TRANSUNION	168,151	1.65%	9.1%	Service	8.6 B
8	PINNACLE WEST CAPITAL	162,186	1.59%	0.1%	Utilities	9.4 B
9	CHARLES RIVER LABORATORIES	161,490	1.58%	6.8%	Consumer Service	5.1 B
10	DTE ENERGY COMPANY	160,074	1.57%	2.2%	Utilities	19.3 B



#### **INVESTMENT RETURN**

On September 30th, 2017, the Miramar Firefighters' Northern Trust Extended Equity Index Fund was valued at \$5,787,468, representing an increase of \$273,065 from the June quarter's ending value of \$5,514,403. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$273,065 in net investment returns. Since there were no income receipts for the third quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$273,065.

For the cumulative period since September 2007, the portfolio has posted net withdrawals totaling \$9.0 million and recorded net investment gains totaling \$4.7 million. For the period since September 2007, if the fund had returned a compound annual rate of 9.0% it would have been valued at \$11.0 million or \$5.2 million more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

For the third quarter, the Northern Trust Extended Equity Index Fund returned 5.0%, which was equal to the Wilshire 4500 Index's return of 5.0% and ranked in the 36th percentile of the Smid Cap universe. Over the trailing year, this portfolio returned 19.0%, which was 0.7% below the benchmark's 19.7% return, ranking in the 50th percentile. Since September 2007, the account returned 8.3% on an annualized basis and ranked in the 69th percentile. For comparison, the Wilshire 4500 returned an annualized 8.6% over the same time frame.

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 09/07	
Total Portfolio - Gross	5.0	19.0	10.3	14.0	8.3	
SMID CAP RANK	(36)	(50)	(59)	(61)	(69)	
Total Portfolio - Net	4.9	18.8	10.2	13.8	8.2	
Wilshire 4500	5.0	19.7	11.5	14.8	8.6	
Hybrid Index	5.0	18.9	10.3	14.0	8.1	
SMid Cap Equity - Gross	5.0	19.0	10.3	14.0	8.3	
SMID CAP RANK	(36)	(50)	(59)	(61)	(69)	
Wilshire 4500	5.0	19.7	11.5	14.8	8.6	
DJ US Comp	5.0	18.9	10.3	14.0	8.0	
Hybrid Index	5.0	18.9	10.3	14.0	8.1	

ASSET A	LLOCA	TION
SMid Cap Equity	100.0%	\$ 5,787,468
Total Portfolio	100.0%	\$ 5,787,468

### INVESTMENT RETURN

 Market Value 6/2017
 \$ 5,514,403

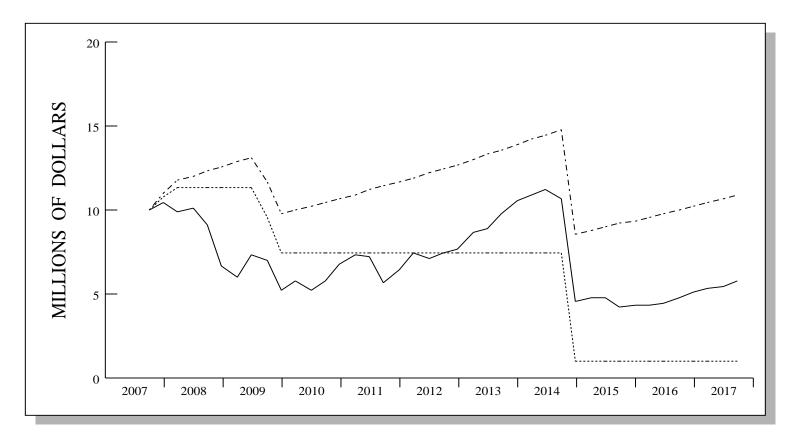
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 273,065

 Market Value 9/2017
 \$ 5,787,468

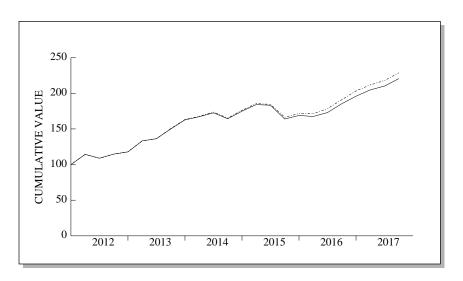
#### **INVESTMENT GROWTH**

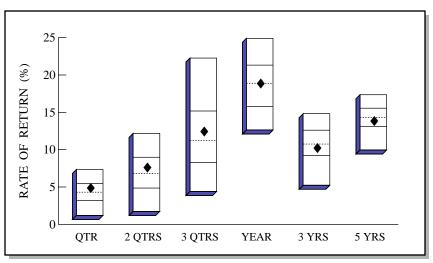


VALUE ASSUMING
9.0% RETURN \$ 10,965,753

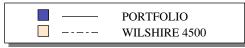
	LAST QUARTER	PERIOD 9/07 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,514,403 0 273,065 \$ 5,787,468	\$ 10,016,400 - 8,978,221 4,749,289 \$ 5,787,468
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{273,065}$ $273,065$	$ \begin{array}{c} 0 \\ 4,749,289 \\ \hline 4,749,289 \end{array} $

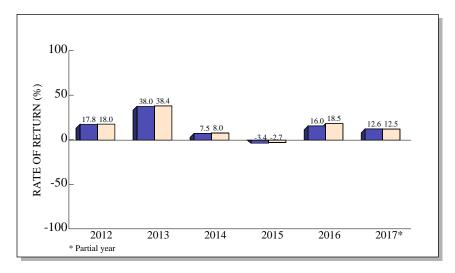
## TOTAL RETURN COMPARISONS





Smid Cap Universe



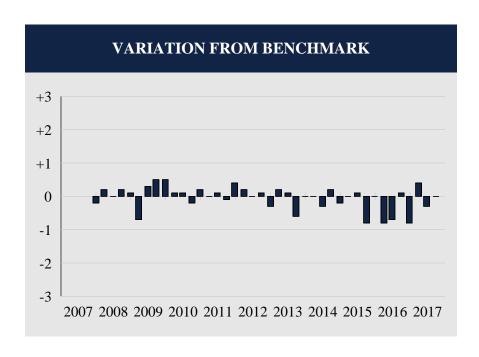


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	5.0	7.7	12.6	19.0	10.3	14.0
(RANK)	(36)	(41)	(40)	(50)	(59)	(61)
5TH %ILE	7.3	12.2	22.3	24.9	14.8	17.4
25TH %ILE	5.4	9.0	15.2	21.3	12.6	15.6
MEDIAN	4.3	6.8	11.2	18.9	10.8	14.3
75TH %ILE	3.2	4.9	8.3	15.8	9.2	13.1
95TH %ILE	1.2	1.7	4.4	12.6	5.2	10.0
Wil 4500	5.0	8.0	12.5	19.7	11.5	14.8

Smid Cap Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

**COMPARATIVE BENCHMARK: WILSHIRE 4500** 

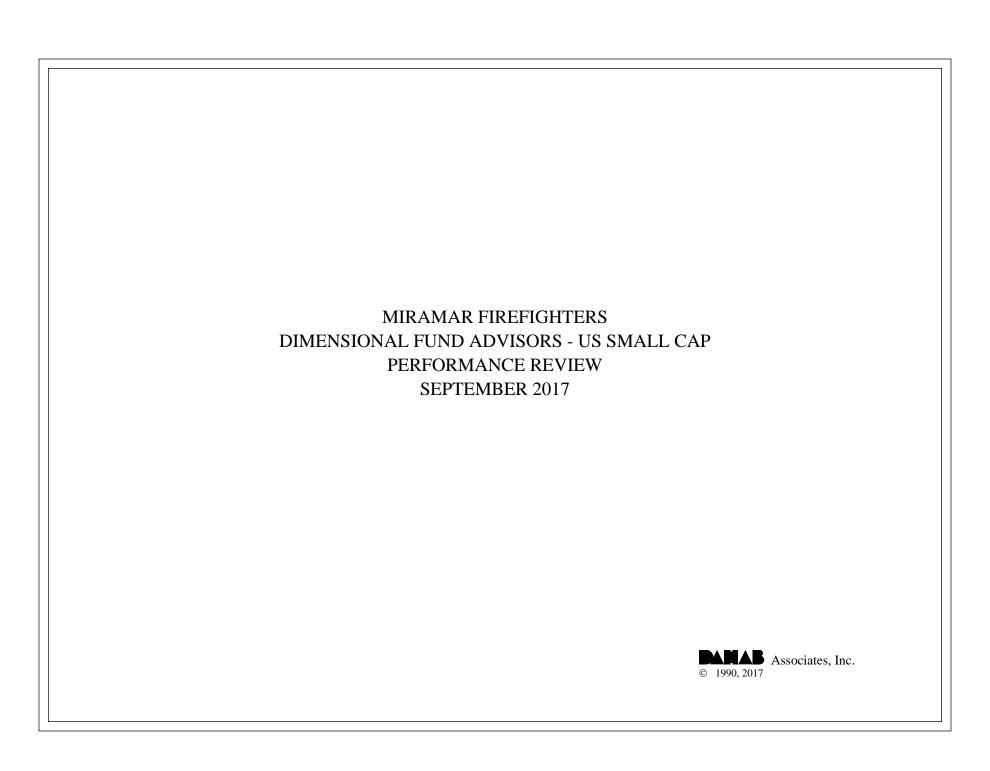


Total Quarters Observed	40
Quarters At or Above the Benchmark	27
<b>Quarters Below the Benchmark</b>	13
Batting Average	.675

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
Date  12/07 3/08 6/08 9/08 12/08 3/09 6/09 9/09 12/09 3/10 6/10 9/10 12/10 3/11 6/11 9/11 12/11 3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14	Portfolio  -3.5 -9.6 2.2 -9.8 -26.4 -10.0 21.1 19.9 5.3 9.8 -9.8 12.4 15.5 7.9 -0.7 -20.7 13.3 14.4 -4.8 5.3 2.8 13.1 2.3 9.9 8.5 2.7 3.3 -4.8 6.5	-3.3 -9.8 2.2 -10.0 -26.5 -9.3 20.8 19.4 4.8 9.7 -9.9 12.6 15.3 7.9 -0.8 -20.6 12.9 14.2 -4.8 5.2 3.1 12.9 2.2 10.5 8.5 2.7 3.6 -5.0 6.7	Difference  -0.2  0.2  0.0  0.2  0.1  -0.7  0.3  0.5  0.5  0.1  0.1  -0.2  0.2  0.0  0.1  -0.1  -0.4  0.2  0.0  0.1  -0.3  0.2  0.0  0.1  -0.6  0.0  0.0  -0.3  0.2  -0.2				
3/15 6/15 9/15 12/15 3/16	5.3 -0.5 -10.6 3.1 -0.9	5.3 -0.6 -9.8 3.1	0.0 0.1 -0.8 0.0 -0.8				
6/16 9/16 12/16 3/17 6/17 9/17	3.4 7.2 5.7 4.5 2.6 5.0	4.1 7.1 6.5 4.1 2.9 5.0	-0.7 -0.7 -0.8 -0.4 -0.3				

#### **APPENDIX - DISCLOSURES**

\* The NTGI Extended Equity Hybrid Index is a customized index that is defined as follows: 100% Dow Jones Wilshire 4500 for all periods through June 30, 2009 100% Dow Jones U.S. Completion Total Stock Market Index for all periods since June 30, 2009



#### **INVESTMENT RETURN**

On September 30th, 2017, the Miramar Firefighters' Dimensional Fund Advisors US Small Cap portfolio was valued at \$3,807,939, representing an increase of \$195,945 from the June quarter's ending value of \$3,611,994. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$195,945 in net investment returns. Since there were no income receipts for the third quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$195,945.

For the cumulative period since December 2014, the portfolio has posted net investment gains totaling \$841,272. Since December 2014, if the account earned a compound annual rate of 9.0% it would have been valued at \$3.8 million or \$47,906 less than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

For the third quarter, the Dimensional Fund Advisors US Small Cap portfolio gained 5.4%, which was 0.3% below the Russell 2000 Index's return of 5.7% and ranked in the 55th percentile of the Small Cap Core universe. Over the trailing twelve-month period, this portfolio returned 19.8%, which was 0.9% less than the benchmark's 20.7% performance, and ranked in the 70th percentile. Since December 2014, the portfolio returned 9.5% annualized and ranked in the 75th percentile. The Russell 2000 returned an annualized 9.6% over the same time frame.

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY									
Quarter FYTD/1Y 3 Year 5 Year Since 12/14									
Total Portfolio - Gross	5.4	19.8			9.5				
SMALL CAP CORE RANK	(55)	(70)			(75)				
Total Portfolio - Net	5.3	19.3			9.1				
Russell 2000	5.7	20.7	12.2	13.8	9.6				
Small Cap Equity - Gross	<b>Small Cap Equity - Gross</b> 5.4 19.8 9.5								
SMALL CAP CORE RANK	(55)	(70)			(75)				
Russell 2000	5.7	20.7	12.2	13.8	9.6				

ASSET ALLOCATION						
Small Cap	100.0%	\$ 3,807,939				
Total Portfolio	100.0%	\$ 3,807,939				

### INVESTMENT RETURN

 Market Value 6/2017
 \$ 3,611,994

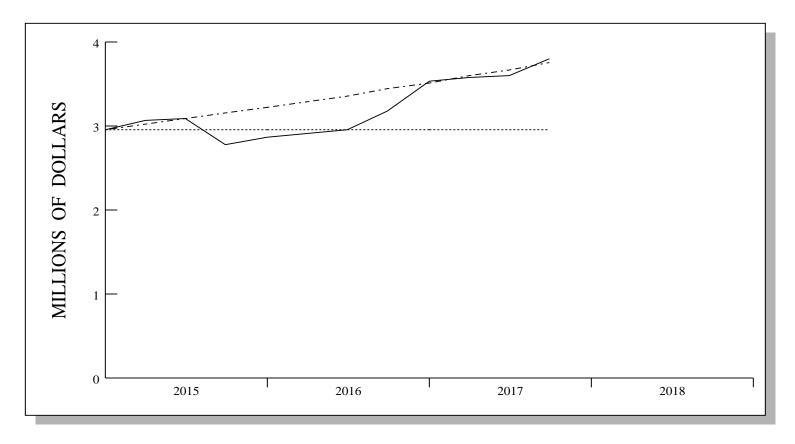
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 195,945

 Market Value 9/2017
 \$ 3,807,939

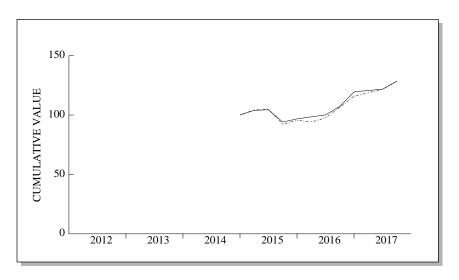
### **INVESTMENT GROWTH**

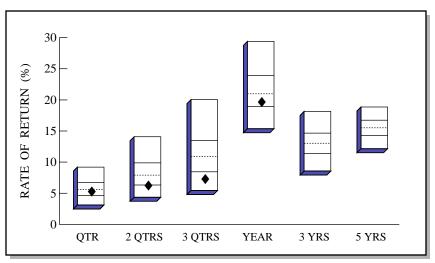


VALUE ASSUMING
9.0% RETURN \$ 3,760,033

	LAST QUARTER	PERIOD 12/14 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 3,611,994 \\ 0 \\ \hline 195,945 \\ \$ \ 3,807,939 \end{array}$	\$ 2,966,667 0 841,272 \$ 3,807,939
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 195,945 \\ \hline 195,945 \end{array} $	19,034 822,238 841,272

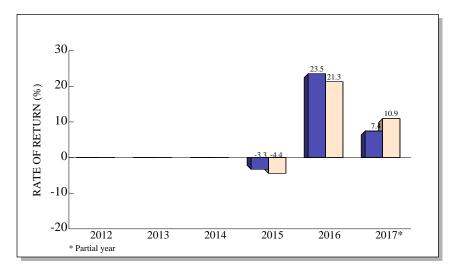
## TOTAL RETURN COMPARISONS





Small Cap Core Universe



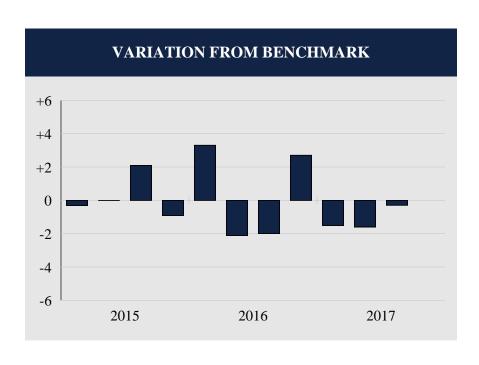


	_QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	5.4 (55)	6.4 (74)	7.4 (85)	19.8 (70)		
5TH %ILE	9.2	14.1	20.0	29.4	18.1	18.9
25TH %ILE	6.8	9.9	13.5	23.9	14.7	16.7
MEDIAN	5.6	7.9	10.9	21.0	13.0	15.5
75TH %ILE	4.7	6.3	8.5	18.9	11.4	14.3
95TH %ILE  Russ 2000	3.1	4.4	5.4	15.4	8.6	12.1
	5.7	8.3	10.9	20.7	12.2	13.8

Small Cap Core Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

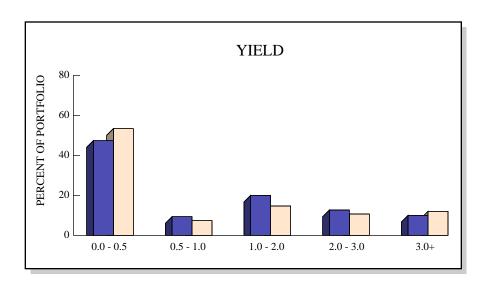
**COMPARATIVE BENCHMARK: RUSSELL 2000** 



<b>Total Quarters Observed</b>	11
Quarters At or Above the Benchmark	4
Quarters Below the Benchmark	7
<b>Batting Average</b>	.364

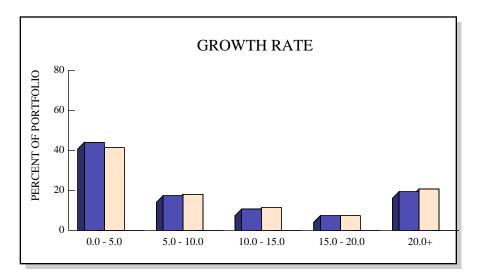
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
3/15	4.0	4.3	-0.3				
6/15	0.4	0.4	0.0				
9/15	-9.8	-11.9	2.1				
12/15	2.7	3.6	-0.9				
3/16	1.8	-1.5	3.3				
6/16	1.7	3.8	-2.1				
9/16	7.0	9.0	-2.0				
12/16	11.5	8.8	2.7				
3/17	1.0	2.5	-1.5				
6/17	0.9	2.5	-1.6				
9/17	5.4	5.7	-0.3				

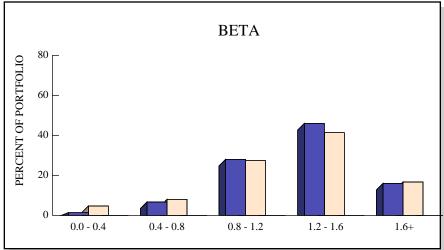
### STOCK CHARACTERISTICS



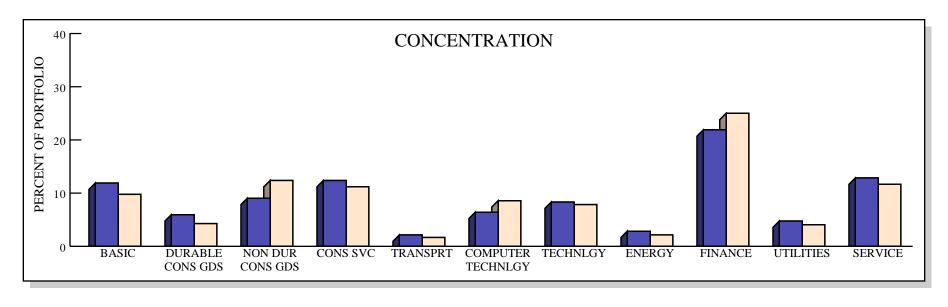


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	1,922	1.2%	8.2%	23.2	1.29	
RUSSELL 2000	2,000	1.3%	9.4%	19.8	1.25	

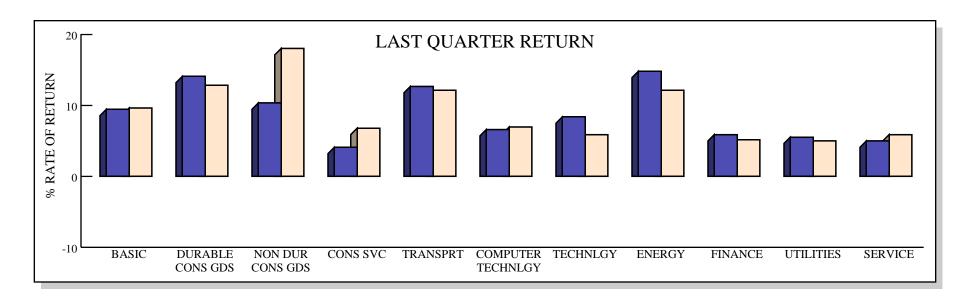




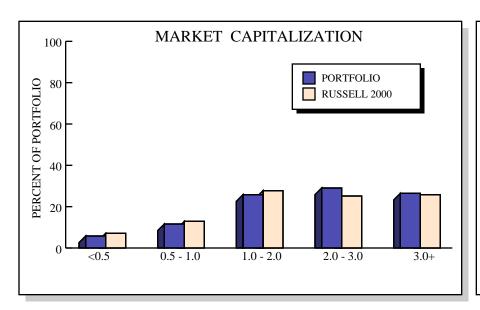
### STOCK INDUSTRY ANALYSIS

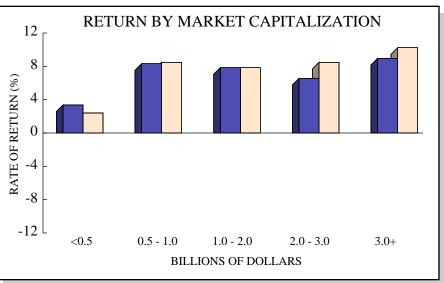






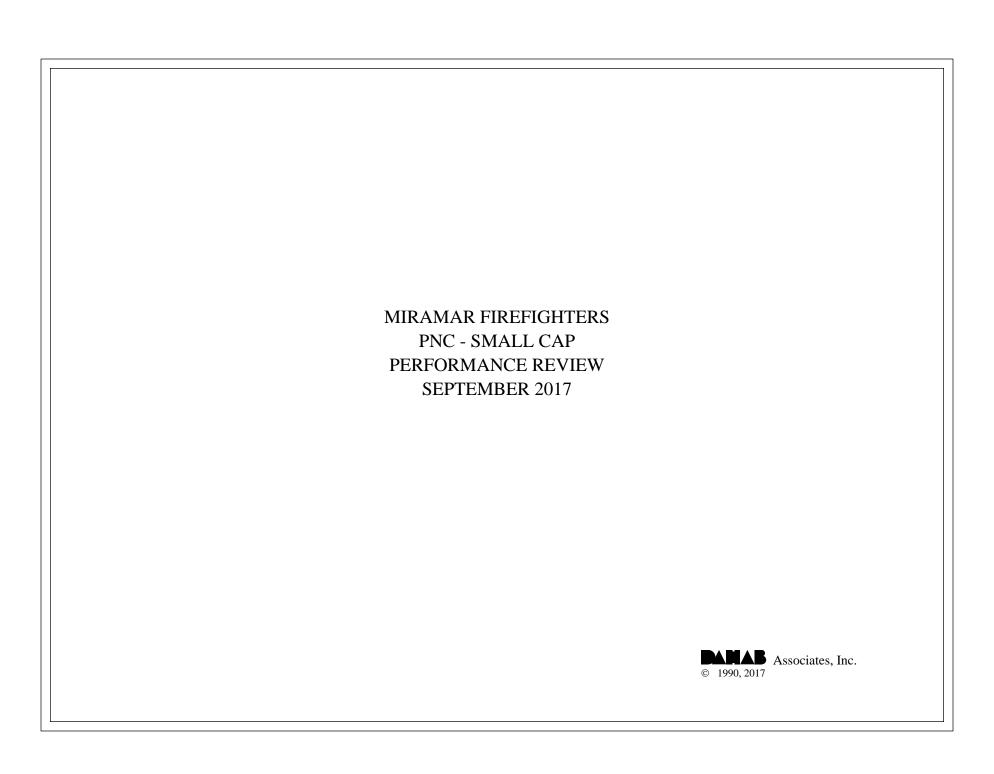
#### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	KNIGHT-SWIFT TRANSPORTATION	\$ 14,252	.37%	12.9%	Transportation	\$ 7.4 B
2	CATHAY GENERAL BANCORP	13,869	.36%	6.4%	Finance	3.2 B
3	SANDERSON FARMS INC	13,002	.34%	40.0%	NonDur Cons Goods	3.7 B
4	STERLING BANCORP/DE	12,498	.33%	6.3%	Finance	3.3 B
5	TEREX CORP	12,245	.32%	20.2%	Basic	4.0 B
6	MKS INSTRUMENTS INC	11,523	.30%	40.5%	Durable Cons Goods	5.1 B
7	BANCORPSOUTH INC	11,282	.30%	5.5%	Finance	2.9 B
8	BGC PARTNERS INC-CL A	10,824	.28%	15.6%	Finance	3.6 B
9	LOUISIANA-PACIFIC CORP	10,751	.28%	12.3%	<b>Durable Cons Goods</b>	3.9 B
10	GRAND CANYON EDUCATION INC	10,444	.27%	15.8%	Consumer Service	4.4 B



#### **INVESTMENT RETURN**

On September 30th, 2017, the Miramar Firefighters' PNC Small Cap portfolio was valued at \$6,211,473, representing an increase of \$401,407 from the June quarter's ending value of \$5,810,066. Last quarter, the Fund posted withdrawals totaling \$776, which partially offset the portfolio's net investment return of \$402,183. Income receipts totaling \$8,267 plus net realized and unrealized capital gains of \$393,916 combined to produce the portfolio's net investment return.

For the cumulative period since December 2014, the fund has recorded net withdrawals totaling \$7,266 and posted net investment gains of \$1.2 million. For the period since December 2014, if the total fund returned a compound annual rate of 9.0% it would have been valued at \$6.3 million or \$88,825 more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

#### **Total Fund**

In the third quarter, the PNC Small Cap portfolio gained 6.9%, which was 1.2% above the Russell 2000 Index's return of 5.7% and ranked in the 23rd percentile of the Small Cap Core universe. Over the trailing year, the portfolio returned 15.2%, which was 5.5% less than the benchmark's 20.7% performance, and ranked in the 96th percentile. Since December 2014, the portfolio returned 8.4% on an annualized basis and ranked in the 86th percentile. For comparison, the Russell 2000 returned an annualized 9.6% over the same period.

#### **ASSET ALLOCATION**

On September 30th, 2017, small cap equities comprised 95.9% of the total portfolio (\$6.0 million), while cash & equivalents totaled 4.1% (\$255,133).

#### **ANALYSIS**

At the end of the third quarter, the PNC Capital Advisors portfolio was invested in nine of the eleven industry sectors utilized in our analysis. They were notably overweight in the Durable Consumer Goods, Finance, and Service sectors. Conversely they were underweight in the Basic, Non-Durable Consumer Goods, Computer Technology, and Technology sectors, while leaving the Energy and Utilities sectors unfunded.

In the third quarter the PNC portfolio return shoved ahead of the Russell 2000 index. The fund benefited from the overweight Consumer Service sector, which more than tripled the return of its counterpart. This was partly due to top ten holding Lithia Motors Inc., which gained 27.9% this period. The Computer Technology and Technology sectors further pushed the total return upward. On the other hand, the highly overweight Durable Consumer Goods sector underperformed, as did Basic and Non-Durable Consumer Goods. The two single most allocated sectors, Finance and Service, mostly kept pace with benchmark, leaving the performance delta up to the previously mentioned industry sectors.

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 12/14			
Total Portfolio - Gross	6.9	15.2			8.4			
SMALL CAP CORE RANK	(23)	(96)			(86)			
Total Portfolio - Net	6.7	14.3			7.6			
Russell 2000	5.7	20.7	12.2	13.8	9.6			
Small Cap Equity - Gross	7.2	15.7			8.7			
SMALL CAP CORE RANK	(20)	(95)			(85)			
Russell 2000	5.7	20.7	12.2	13.8	9.6			

ASSET ALLOCATION						
Small Cap Cash	95.9% 4.1%	\$ 5,956,340 255,133				
Total Portfolio	100.0%	\$ 6,211,473				

### INVESTMENT RETURN

 Market Value 6/2017
 \$ 5,810,066

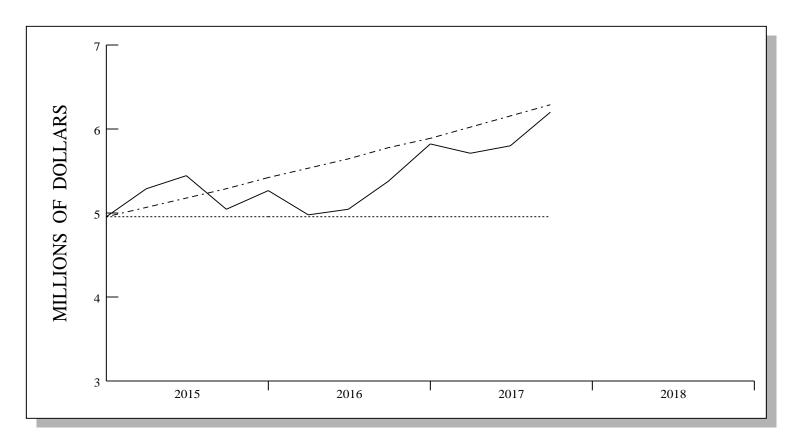
 Contribs / Withdrawals
 -776

 Income
 8,267

 Capital Gains / Losses
 393,916

 Market Value 9/2017
 \$ 6,211,473

## **INVESTMENT GROWTH**

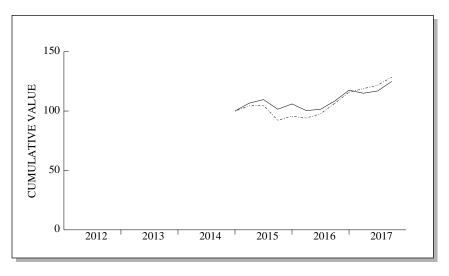


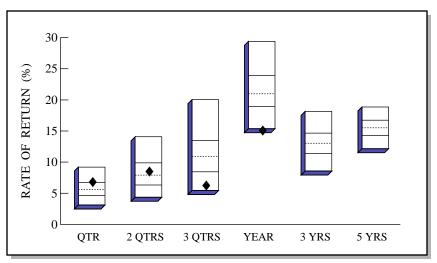
------ ACTUAL RETURN
------ 9.0%
------ 0.0%

VALUE ASSUMING
9.0% RETURN \$ 6,300,298

	LAST QUARTER	PERIOD 12/14 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,810,066 -776 402,183 \$ 6,211,473	\$ 4,977,363 -7,266 1,241,376 \$ 6,211,473
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{8,267}{393,916}$ $402,183$	126,445 1,114,931 1,241,376

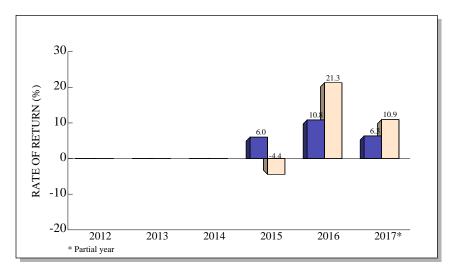
## TOTAL RETURN COMPARISONS





Small Cap Core Universe



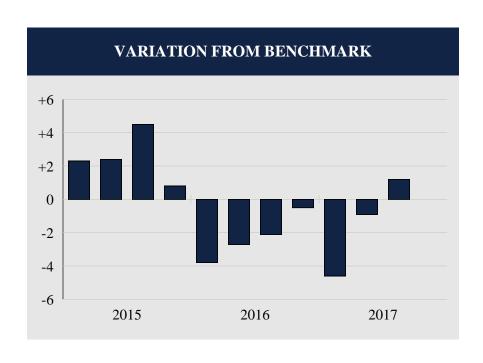


					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	6.9	8.7	6.3	15.2		
(RANK)	(23)	(38)	(92)	(96)		
5TH %ILE	9.2	14.1	20.0	29.4	18.1	18.9
25TH %ILE	6.8	9.9	13.5	23.9	14.7	16.7
MEDIAN	5.6	7.9	10.9	21.0	13.0	15.5
75TH %ILE	4.7	6.3	8.5	18.9	11.4	14.3
95TH %ILE	3.1	4.4	5.4	15.4	8.6	12.1
Russ 2000	5.7	8.3	10.9	20.7	12.2	13.8

Small Cap Core Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

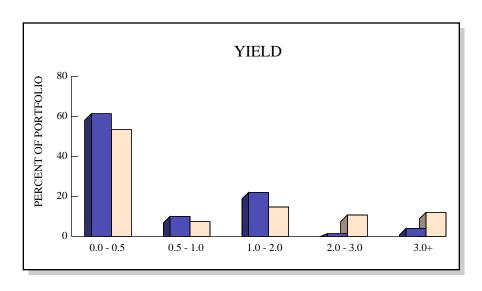
**COMPARATIVE BENCHMARK: RUSSELL 2000** 



Total Quarters Observed	11
Quarters At or Above the Benchmark	5
<b>Quarters Below the Benchmark</b>	6
Batting Average	.455

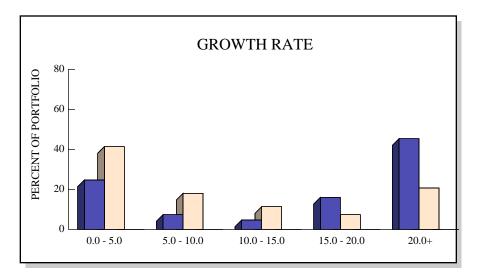
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
3/15	6.6	4.3	2.3			
6/15	2.8	0.4	2.4			
9/15	-7.4	-11.9	4.5			
12/15	4.4	3.6	0.8			
3/16	-5.3	-1.5	-3.8			
6/16	1.1	3.8	-2.7			
9/16	6.9	9.0	-2.1			
12/16	8.3	8.8	-0.5			
3/17	-2.1	2.5	-4.6			
6/17	1.6	2.5	-0.9			
9/17	6.9	5.7	1.2			

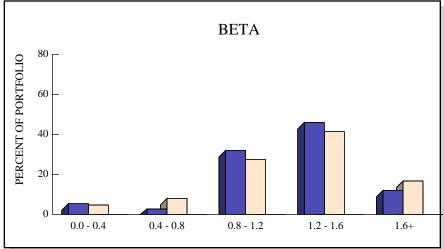
## STOCK CHARACTERISTICS



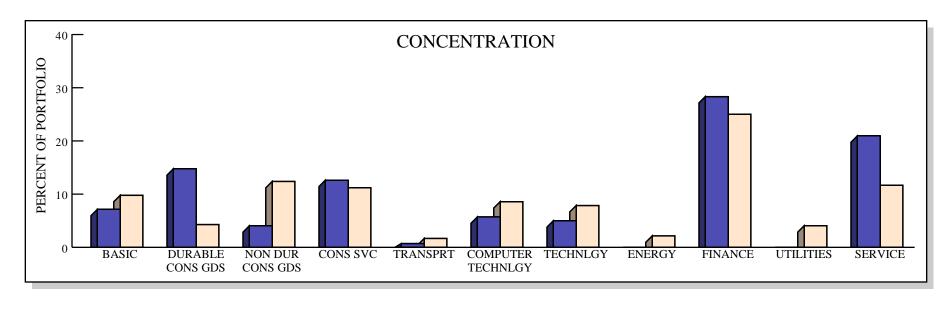


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	49	0.7%	15.6%	32.1	1.22	
RUSSELL 2000	2,000	1.3%	9.4%	19.8	1.25	ŀ

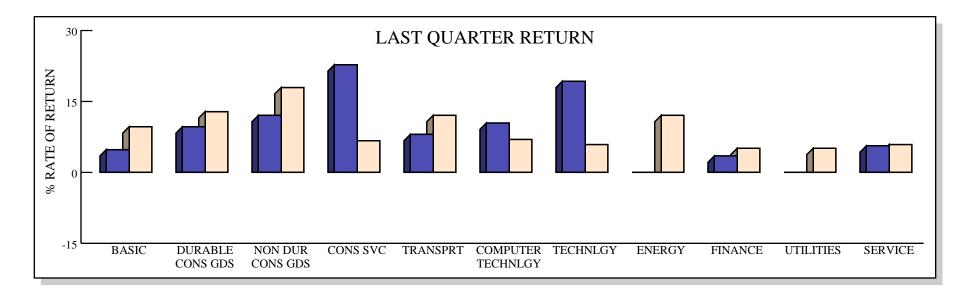




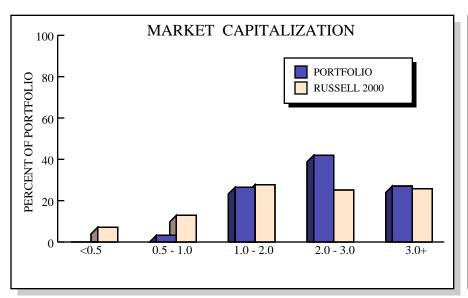
### STOCK INDUSTRY ANALYSIS

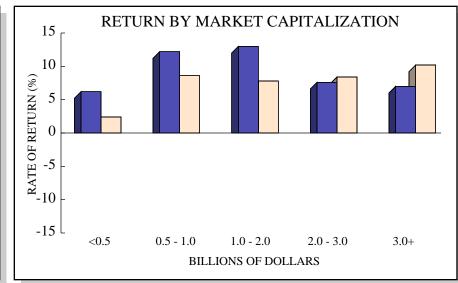






### **TOP TEN HOLDINGS**

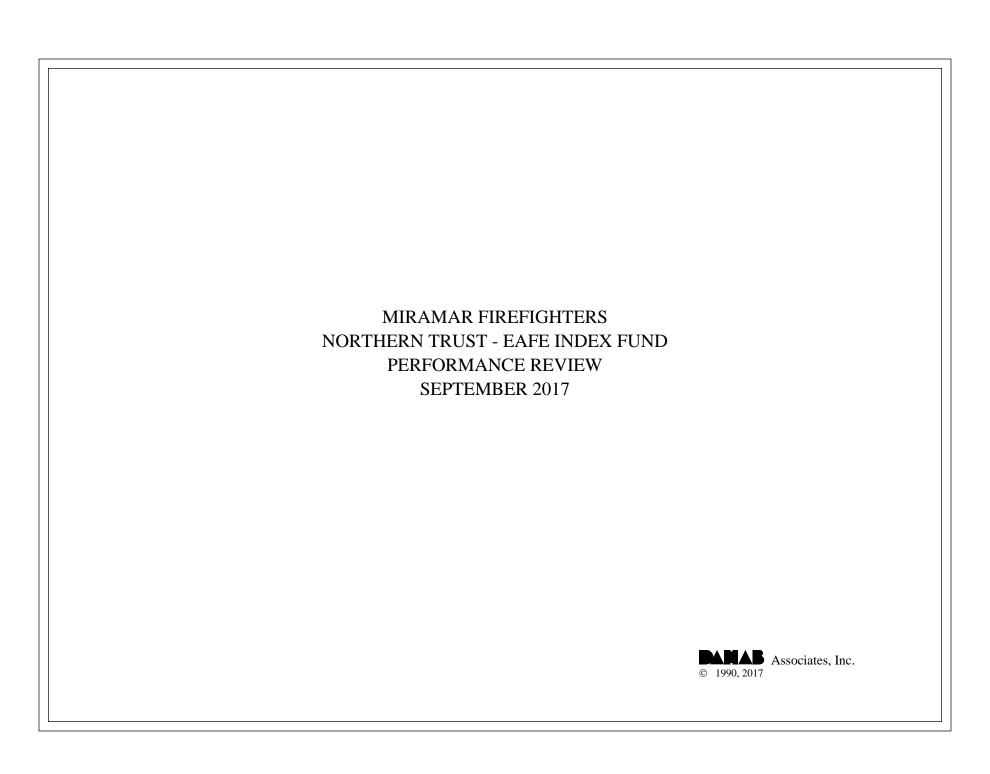




# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	LITHIA MOTORS INC-CL A	\$ 251,929	4.23%	27.9%	Consumer Service	\$ 2.9 B
2	NEOGEN CORP	242,992	4.08%	12.1%	NonDur Cons Goods	3.0 B
3	BANK OF THE OZARKS	229,967	3.86%	2.9%	Finance	5.8 B
4	CREDIT ACCEPTANCE CORP	228,619	3.84%	9.0%	Finance	5.4 B
5	LCI INDUSTRIES	219,304	3.68%	13.5%	<b>Durable Cons Goods</b>	2.9 B
6	HEICO CORP	211,053	3.54%	25.1%	Technology	3.0 B
7	AMN HEALTHCARE SERVICES INC	194,179	3.26%	17.0%	Service	2.2 B
8	FIRSTSERVICE CORP	173,475	2.91%	2.9%	Finance	2.3 B
9	ON ASSIGNMENT INC	163,241	2.74%	-0.9%	Service	2.8 B
10	LEGACYTEXAS FINANCIAL GROUP	156,007	2.62%	5.1%	Finance	1.9 B

8



On September 30th, 2017, the Miramar Firefighters' Northern Trust EAFE Index Fund was valued at \$13,755,935, representing an increase of \$712,354 from the June quarter's ending value of \$13,043,581. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$712,354 in net investment returns. Since there were no income receipts for the third quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$712,354.

For the cumulative period since September 2007, the portfolio has posted net contributions totaling \$5.7 million, and recorded net investment gains totaling \$2.4 million. For the period since September 2007, if the fund had returned a compound annual rate of 10.0% it would have been valued at \$21.9 million or \$8.1 million more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

For the third quarter, the Northern Trust EAFE Index Fund returned 5.5%, which was 0.1% greater than the MSCI EAFE Net Index's return of 5.4% and ranked in the 68th percentile of the International Equity universe. Over the trailing year, this portfolio returned 19.5%, which was 0.4% above the benchmark's 19.1% return, ranking in the 61st percentile. Since September 2007, the account returned 1.7% on an annualized basis and ranked in the 86th percentile. For comparison, the MSCI EAFE Net Index returned an annualized 1.3% over the same time frame.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 09/07	
Total Portfolio - Gross	5.5	19.5	5.4	8.7	1.7	
INTERNATIONAL EQUITY RANK	(68)	(61)	(71)	(57)	(86)	
Total Portfolio - Net	5.4	19.4	5.3	8.6	1.5	
MSCI EAFE Net	5.4	19.1	5.0	8.4	1.3	
Foreign Equity - Gross	5.5	19.5	5.4	8.7	1.7	
INTERNATIONAL EQUITY RANK	(68)	(61)	(71)	(57)	(86)	
MSCI EAFE Net	5.4	19.1	5.0	8.4	1.3	

ASSET ALLOCATION						
Foreign Equity	100.0%	\$ 13,755,935				
Total Portfolio	100.0%	\$ 13,755,935				

### INVESTMENT RETURN

 Market Value 6/2017
 \$ 13,043,581

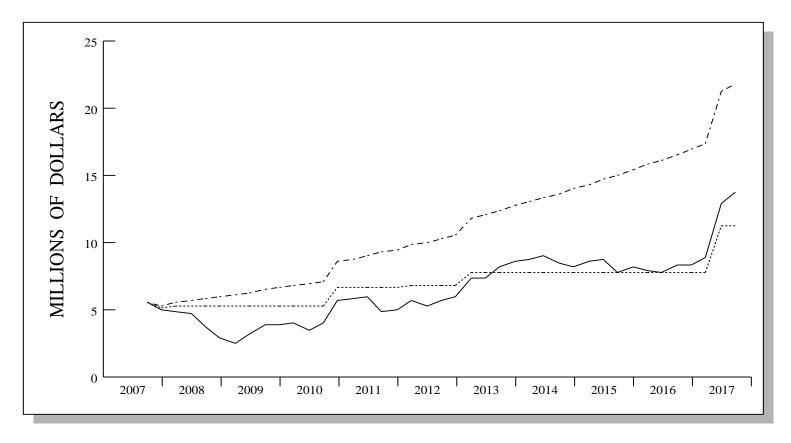
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 712,354

 Market Value 9/2017
 \$ 13,755,935

### **INVESTMENT GROWTH**

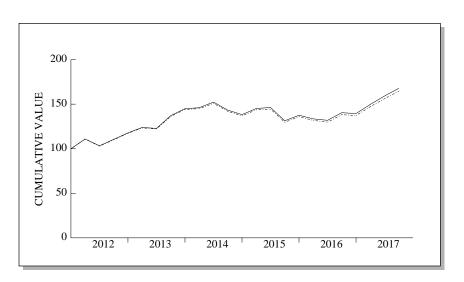


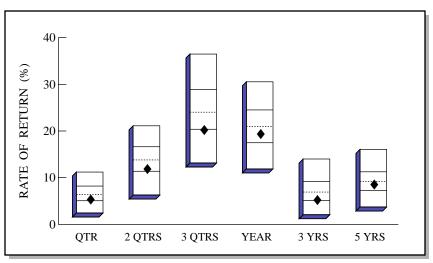
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING
10.0% RETURN \$ 21,900,989

	LAST QUARTER	PERIOD 9/07 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$\ 13,043,581 \\ 0 \\ \hline 712,354 \\ \$\ 13,755,935 \end{array}$	\$ 5,619,410 5,716,622 2,419,903 \$ 13,755,935
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 712,354 \\ \hline 712,354 \end{array} $	$ \begin{array}{r} 0 \\ 2,419,903 \\ \hline 2,419,903 \end{array} $

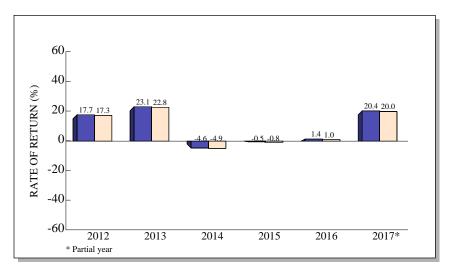
## TOTAL RETURN COMPARISONS





International Equity Universe



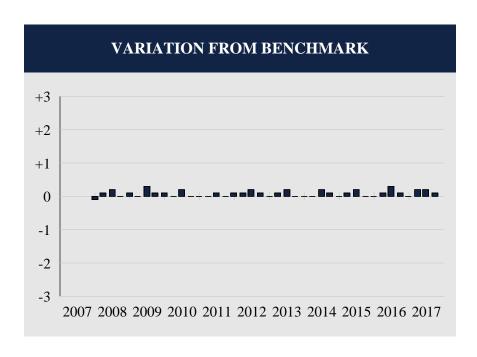


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	5.5	12.1	20.4	19.5	5.4	8.7
(RANK)	(68)	(69)	(76)	(61)	(71)	(57)
5TH %ILE	11.2	21.1	36.5	30.6	14.0	16.1
25TH %ILE	8.2	16.6	28.9	24.5	9.2	11.3
MEDIAN	6.4	13.8	24.0	20.9	6.9	9.2
75TH %ILE	5.1	11.4	20.4	17.5	5.1	7.2
95TH %ILE	2.4	6.3	13.2	11.9	2.1	3.7
EAFE Net	5.4	11.9	20.0	19.1	5.0	8.4

International Equity Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: MSCI EAFE NET



Total Quarters Observed	40
Quarters At or Above the Benchmark	39
Quarters Below the Benchmark	1
Batting Average	.975

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/07 3/08 6/08 9/08 12/08 3/09 6/09 9/09 12/09 3/10 6/10 9/10 12/10 3/11 6/11 9/11 12/11 3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14	-1.8 -8.8 -2.0 -20.6 -19.9 -13.9 25.7 19.6 2.3 0.9 -13.8 16.5 6.6 3.4 1.7 -19.0 3.4 11.0 -6.9 7.0 6.6 5.2 -0.8 11.6 5.7 0.7 4.3	-1.7 -8.9 -2.2 -20.6 -20.0 -13.9 25.4 19.5 2.2 0.9 -14.0 16.5 6.6 3.4 1.6 -19.0 3.3 10.9 -7.1 6.9 6.6 5.1 -1.0 11.6 5.7 0.7 4.1	-0.1 0.1 0.2 0.0 0.1 0.0 0.3 0.1 0.1 0.0 0.2 0.0 0.0 0.0 0.1 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.0 0.1 0.1 0.2 0.1 0.2 0.1 0.0 0.1 0.2 0.1 0.2 0.1 0.0 0.1			
6/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17	4.3 -5.8 -3.6 5.0 0.8 -10.2 4.7 -2.9 -1.2 6.5 -0.7 7.4 6.3 5.5	4.1 -5.9 -3.6 4.9 0.6 -10.2 4.7 -3.0 -1.5 6.4 -0.7 7.2 6.1 5.4	0.2 0.1 0.0 0.1 0.2 0.0 0.0 0.1 0.3 0.1 0.0 0.2 0.1			



On September 30th, 2017, the Miramar Firefighters' Parametric Emerging Markets portfolio was valued at \$6,108,210, representing an increase of \$1,330,381 from the June quarter's ending value of \$4,777,829. Last quarter, the Fund posted net contributions equaling \$1,000,000 plus a net investment gain equaling \$330,381. Since there were no income receipts during the quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$330,381.

Since December 2011, the account has posted net contributions totaling \$2.7 million, while recording net investment gains totaling \$984,107. Since December 2011, if the total portfolio returned a compound annual rate of 10.0% it would have been valued at \$7.6 million or \$1.5 million more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

For the third quarter, the Parametric Emerging Markets portfolio gained 6.9%, which was 1.0% less than the MSCI Emerging Markets Net Index's return of 7.9% and ranked in the 61st percentile of the Emerging Markets universe. Over the trailing twelve-month period, this portfolio returned 20.3%, which was 2.2% less than the benchmark's 22.5% return, ranking in the 63rd percentile. Since December 2011, the portfolio returned 6.1% per annum and ranked in the 76th percentile. The MSCI Emerging Markets Net Index returned an annualized 5.5% over the same time frame.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 12/11	
Total Portfolio - Gross	6.9	20.3	2.8	4.3	6.1	
EMERGING MARKETS RANK	(61)	(63)	(86)	(78)	(76)	
Total Portfolio - Net	6.7	19.2	1.8	3.2	5.0	
MSCI EM Net	7.9	22.5	4.9	4.0	5.5	
Foreign Equity - Gross	6.9	20.3	2.8	4.3	6.1	
EMERGING MARKETS RANK	(61)	(63)	(86)	(78)	(76)	
MSCI EM Net	7.9	22.5	4.9	4.0	5.5	

ASSET A	ASSET ALLOCATION						
Foreign Equity	100.0%	\$ 6,108,210					
Total Portfolio	100.0%	\$ 6,108,210					

### INVESTMENT RETURN

 Market Value 6/2017
 \$ 4,777,829

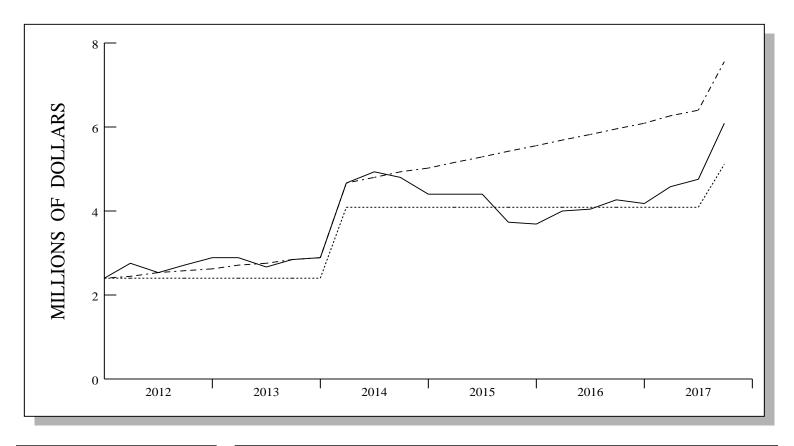
 Contribs / Withdrawals
 1,000,000

 Income
 0

 Capital Gains / Losses
 330,381

 Market Value 9/2017
 \$ 6,108,210

### **INVESTMENT GROWTH**



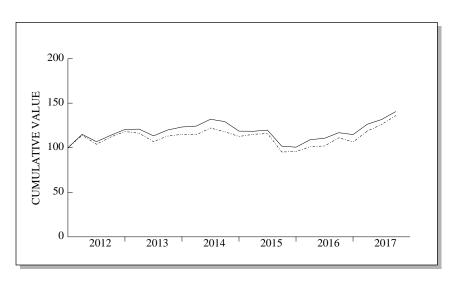
3

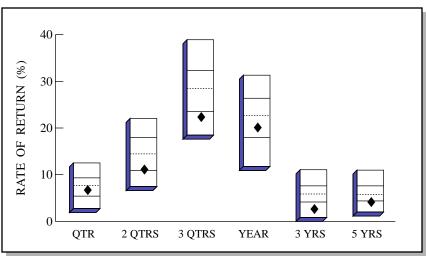
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 7,587,924

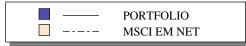
	LAST QUARTER	PERIOD 12/11 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{r} \$ \ 4,777,829 \\ 1,000,000 \\ \underline{330,381} \\ \$ \ 6,108,210 \end{array} $	\$ 2,424,103 2,700,000 984,107 \$ 6,108,210
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{330,381}$ $330,381$	$   \begin{array}{r}     0 \\     984,107 \\     \hline     984,107   \end{array} $

## TOTAL RETURN COMPARISONS

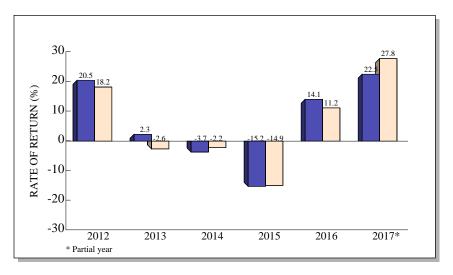




Emerging Markets Universe



4

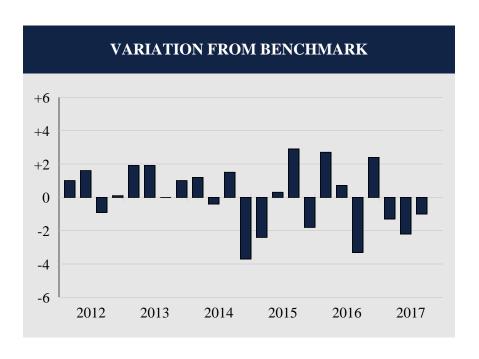


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	_5 YRS
RETURN	6.9	11.3	22.5	20.3	2.8	4.3
(RANK)	(61)	(73)	(79)	(63)	(86)	(78)
5TH %ILE	12.5	22.1	38.9	31.3	11.1	11.0
25TH %ILE	9.3	18.0	32.3	26.4	7.6	7.6
MEDIAN	7.7	14.5	28.5	22.7	5.9	5.7
75TH %ILE	5.4	10.9	23.6	18.0	4.1	4.4
95TH %ILE	2.7	7.4	18.5	11.8	0.9	2.0
EM Net	7.9	14.7	27.8	22.5	4.9	4.0

**Emerging Markets Universe** 

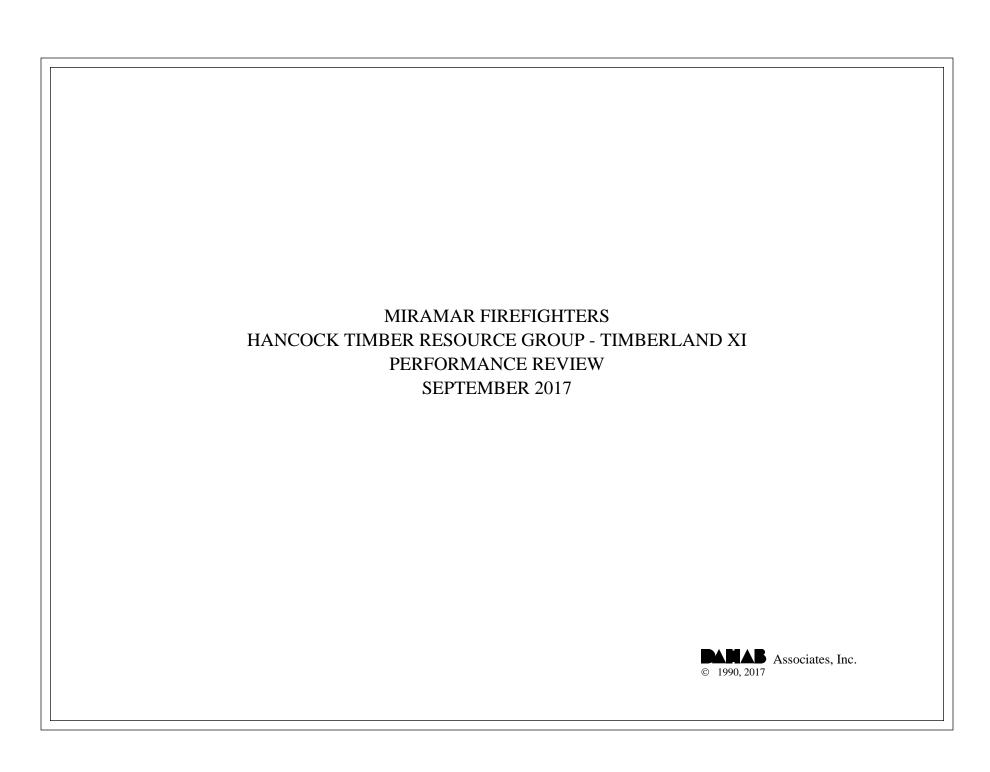
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS NET



<b>Total Quarters Observed</b>	23
Quarters At or Above the Benchmark	14
<b>Quarters Below the Benchmark</b>	9
Batting Average	.609

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14	Portfolio  15.1 -7.3 6.8 5.7 0.3 -6.2 5.8 2.8 0.8 6.2 -2.0	Benchmark  14.1 -8.9 7.7 5.6 -1.6 -8.1 5.8 1.8 -0.4 6.6 -3.5	1.0 1.6 -0.9 0.1 1.9 1.9 0.0 1.0 1.2 -0.4 1.5			
12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17	-8.2 -0.2 1.0 -15.0 -1.1 8.4 1.4 5.7 -1.8 10.1 4.1 6.9	-4.5 2.2 0.7 -17.9 0.7 5.7 0.7 9.0 -4.2 11.4 6.3 7.9	-3.7 -2.4 0.3 2.9 -1.8 2.7 0.7 -3.3 2.4 -1.3 -2.2 -1.0			



On September 30th, 2017, the Miramar Firefighters' Hancock Timber Resource Group Timberland XI portfolio was valued at \$2,066,769, a decrease of \$9,747 from the June ending value of \$2,076,516. Last quarter, the account recorded a net withdrawal of \$14,265, which overshadowed the fund's net investment return of \$4,518. Barring income receipts during the third quarter, the portfolio's net investment return figure was the product of \$4,518 in realized and unrealized capital gains.

For the cumulative period since June 2012, the fund has recorded net contributions totaling \$1.4 million, and recorded net investment gains of \$372,458. For the period since June 2012, if the total fund returned a compound annual rate of 7.0% it would have been valued at \$2.2 million or \$111,731 more than the actual value as of September 30th, 2017.

#### **RELATIVE PERFORMANCE**

In the third quarter, the Hancock Timber Resource Group Timberland XI portfolio gained 0.2%, which was 0.4% less than the NCREIF Timber Index's return of 0.6%. Over the trailing twelve-month period, the portfolio returned 4.5%, which was 1.2% above the benchmark's 3.3% return. Since June 2012, the account returned 6.2% on an annualized basis, while the NCREIF Timber Index returned an annualized 6.9% over the same time frame.

# Timber Investor Report as of September 30, 2017 Hancock Timber XI, LP

**IRR Since Inception** 4.56% Annualized, Net of Fees

Market Value \$2,066,769 Last Appraisal Date: 9/30/2017 (Draft)

 Initial Commitment
 \$2,000,000
 100.00%

 Capital Committed
 \$1,860,185
 93.01%

 Remaining Commitment
 \$139,815
 6.99%

Date	Contributions	% of Commitment	Recallable Contributions	% of Commitment	Distributions
5/17/2012	\$72,869	3.64%	\$-	-	\$-
5/24/2012	\$242,895	12.14%	\$-	-	\$-
7/10/2012	\$496,677	24.83%	\$-	-	\$-
12/21/2012	\$-	-	\$-	-	\$(12,109)
4/15/2014	\$221,195	11.06%	\$-	-	\$-
3/15/2015	\$-	-	\$-	-	\$(20,889)
9/10/2015	\$299,913	15.00%	\$-	-	\$-
9/30/2015	\$-	0.00%	\$-	-	\$(9,761)
12/15/2015	\$65,811	3.29%	\$-	-	\$-
3/15/2016	\$460,825	0.23	\$-	-	\$-
6/30/2016	\$-	-	\$-	-	\$(18,825)
12/31/2016	\$-	-	\$-	-	\$(17,002)
3/18/2017	\$-	-	\$-	-	\$(17,003)
9/18/2016	\$-	-	\$-	-	\$(9,715)
Total	\$1,860,185	93.01%	\$-	0.00%	\$(105,304)

### **EXECUTIVE SUMMARY**

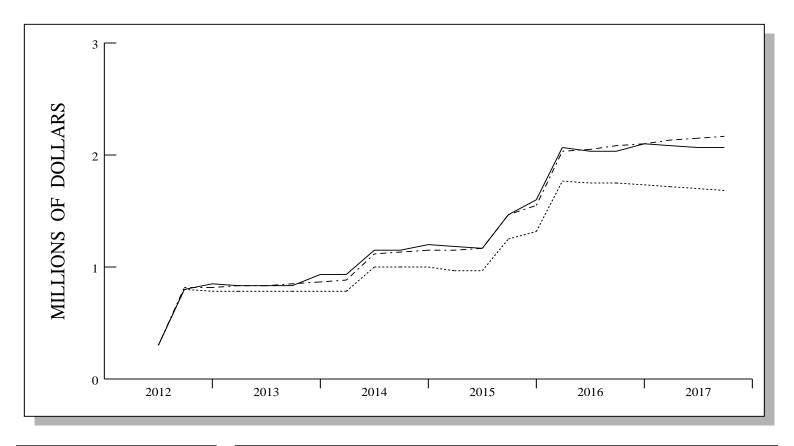
PERFORMANCE SUMMARY					
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 06/12
Total Portfolio - Gross	0.2	4.5	4.8	6.6	6.2
Total Portfolio - Net	0.0	3.6	4.1	5.8	5.4
NCREIF Timber	0.6	3.3	5.2	7.1	6.9
Real Assets - Gross	0.2	4.5	4.8	6.6	6.2
NCREIF Timber	0.6	3.3	5.2	7.1	6.9

ASSET ALLOCATION				
Real Assets	100.0%	\$ 2,066,769		
Total Portfolio	100.0%	\$ 2,066,769		

# INVESTMENT RETURN

Market Value 6/2017	\$ 2,076,516
Contribs / Withdrawals	- 14,265
Income	0
Capital Gains / Losses	4,518
Market Value 9/2017	\$ 2,066,769

### **INVESTMENT GROWTH**

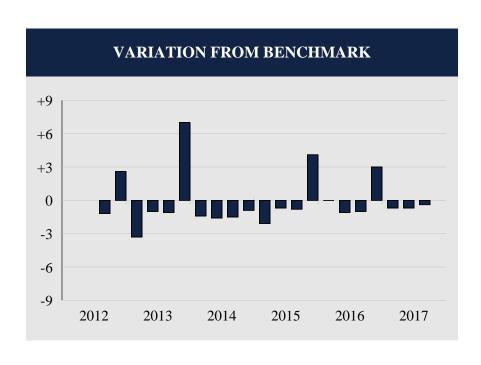


VALUE ASSUMING
7.0% RETURN \$ 2,178,500

	LAST QUARTER	PERIOD 6/12 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 2,076,516 \\ -14,265 \\ \hline 4,518 \\ \$ \ 2,066,769 \end{array}$	\$ 315,718 1,378,593 372,458 \$ 2,066,769
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 4,518 \\ \hline 4,518 \end{array} $	$ \begin{array}{c} 0 \\ 372,458 \\ \hline 372,458 \end{array} $

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

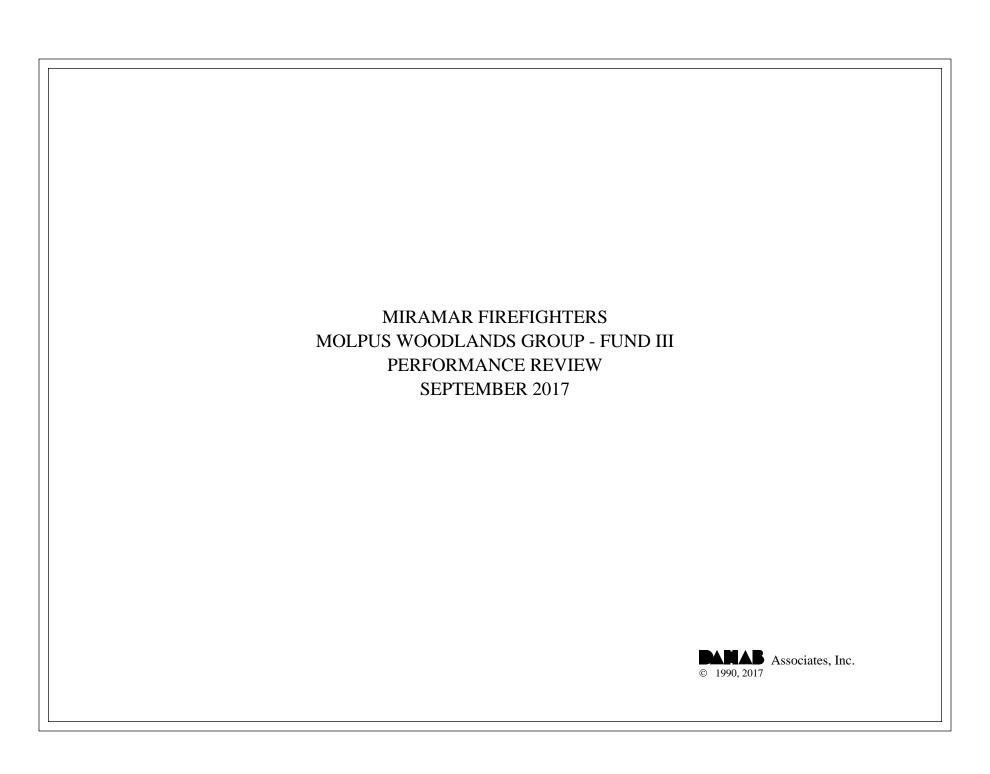
### COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



<b>Total Quarters Observed</b>	21
Quarters At or Above the Benchmark	5
<b>Quarters Below the Benchmark</b>	16
Batting Average	.238

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/12	-0.4	0.8	-1.2		
12/12	8.5	5.9	2.6		
3/13	-1.8	1.5	-3.3		
6/13	-0.1	0.9	-1.0		
9/13	-0.1	1.0	-1.1		
12/13	12.9	5.9	7.0		
3/14	0.2	1.6	-1.4		
6/14	-0.5	1.1	-1.6		
9/14	0.0	1.5	-1.5		
12/14	5.1	6.0	-0.9		
3/15	-0.3	1.8	-2.1		
6/15	-0.2	0.5	-0.7		
9/15	0.0	0.8	-0.8		
12/15	6.0	1.9	4.1		
3/16	-0.3	-0.3	0.0		
6/16	-0.1	1.0	-1.1		
9/16	-0.3	0.7	-1.0		
12/16	4.2	1.2	3.0		
3/17	0.1	0.8	-0.7		
6/17	0.0	0.7	-0.7		
9/17	0.2	0.6	-0.4		

5



# Timber Investor Report as of September 30, 2017 Molpus Woodlands Fund III LP

Market Value \$1,923,376 Last Appraisal Date: 09/30/2017 (unaudited)

 Initial Commitment
 \$2,000,000
 100.00%

 Capital Contributed
 \$1,890,000
 94.50%

	, ,,	% of	Recallable	% of	
Date	Contributions	Commitment	Contributions	Commitment	Distributions
6/9/2011	\$28,000	1.40%	\$-	-	\$-
8/17/2011	\$588,000	29.40%	\$-	-	\$-
12/7/2011	\$114,000	5.70%	\$-	-	\$-
5/15/2012	\$296,000	14.80%	\$-	-	\$-
6/12/2012	\$628,000	31.40%	\$-	-	\$-
10/31/2012	\$-	-	\$-	-	\$(109,212)
7/26/2013	\$-	-	\$-	-	\$(104,662)
9/25/2013	\$-	-	\$-	-	\$(18,202)
12/18/2013	\$236,000	11.80%	\$-	-	\$-
3/28/2014	\$-	-	\$-	-	\$(18,202)
8/22/2014	\$-	-	\$-	-	\$(113,763)
12/18/2014	\$-	-	\$-	-	\$(20,477)
3/26/2015	\$-	-	\$-	-	\$(18,202)
9/25/2015	\$-	-	\$-	-	\$(18,202)
3/31/2016	\$-	-	\$-	-	\$(20,477)
9/22/2016	\$-	-	\$-	-	\$(13,651)
3/28/2017	\$-	-	\$-	-	\$(18,202)
9/15/2017	\$-	-	\$-	-	\$(18,202)
Total	\$1,890,000	94.50%	\$-	0.00%	\$(491,454)

On September 30th, 2017, the Miramar Firefighters' Molpus Woodlands Group Fund III portfolio was valued at \$1,923,376, representing an increase of \$203 from the June quarter's ending value of \$1,923,173. Last quarter, the Fund posted withdrawals totaling \$18,202, which offset the portfolio's net investment return of \$18,405. Since there were no income receipts for the third quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$18,405.

For the cumulative period since December 2011, the account has posted net contributions totaling \$663,897, and has recorded net investment gains totaling \$540,903. Since December 2011, if the portfolio returned a compound annual rate of 7.0% it would have been valued at \$2.1 million or \$141,100 more than its actual value as of September 30th, 2017.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

For the third quarter, the Molpus Woodlands Group Fund III account gained 1.2%, which was 0.6% greater than the NCREIF Timber Index's return of 0.6%. Over the trailing twelve-month period, the portfolio returned 5.0%, which was 1.7% greater than the benchmark's 3.3% performance. Since December 2011, the Molpus Woodlands Group Fund III portfolio returned 6.5% per annum, while the NCREIF Timber Index returned an annualized 6.5% over the same time frame.

## **EXECUTIVE SUMMARY**

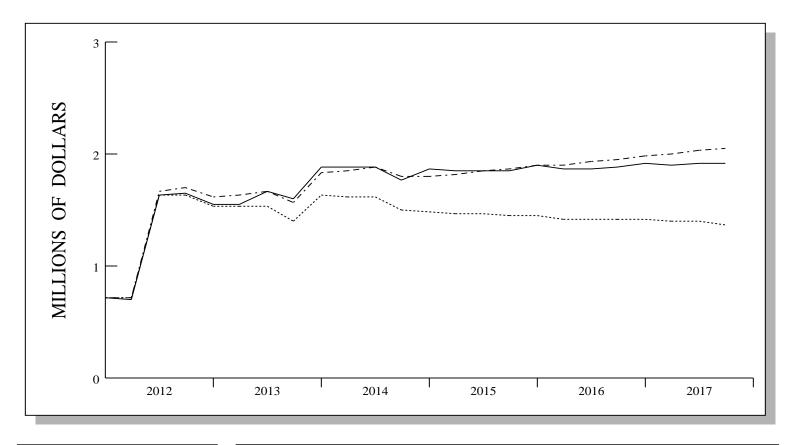
PERFORMANCE SUMMARY					
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 12/11
Total Portfolio - Gross	1.2	5.0	6.1	7.2	6.5
Total Portfolio - Net	1.0	3.9	5.1	6.1	5.5
NCREIF Timber	0.6	3.3	5.2	7.1	6.5
Real Assets - Gross	1.2	5.0	6.1	7.2	6.5
NCREIF Timber	0.6	3.3	5.2	7.1	6.5

ASSET ALLOCATION				
Real Assets	100.0%	\$ 1,923,376		
Total Portfolio	100.0%	\$ 1,923,376		

# INVESTMENT RETURN

Market Value 6/2017	\$ 1,923,173
Contribs / Withdrawals	- 18,202
Income	0
Capital Gains / Losses	18,405
Market Value 9/2017	\$ 1,923,376

### **INVESTMENT GROWTH**

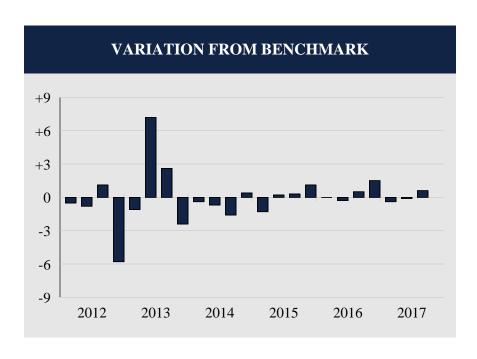


VALUE ASSUMING
7.0% RETURN \$ 2,064,476

	LAST QUARTER	PERIOD 12/11 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 1,923,173 -18,202 <u>18,405</u> \$ 1,923,376	\$ 718,576 663,897 540,903 \$ 1,923,376
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{18,405}$ $18,405$	13,294 527,609 540,903

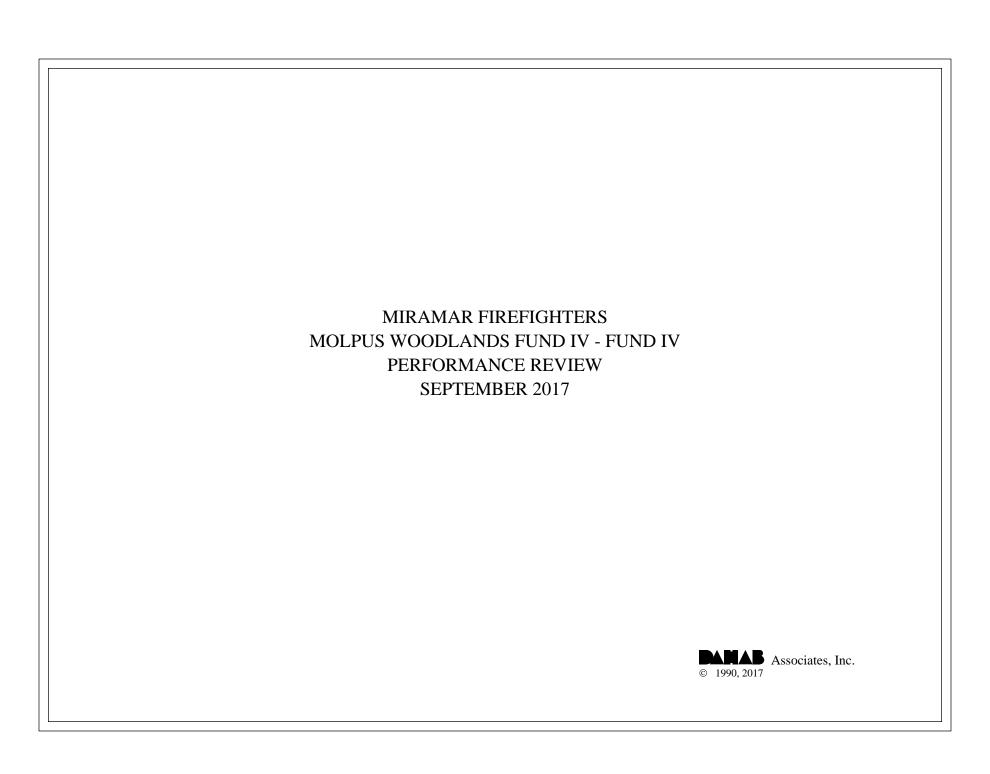
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

#### COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



<b>Total Quarters Observed</b>	23
Quarters At or Above the Benchmark	11
<b>Quarters Below the Benchmark</b>	12
Batting Average	.478

RATES OF RETURN				
Date	Portfolio	Benchmark	Difference	
3/12	-0.1	0.4	-0.5	
6/12	-0.2	0.6	-0.8	
9/12	1.9	0.8	1.1	
12/12	0.1	5.9	-5.8	
3/13	0.4	1.5	-1.1	
6/13	8.1	0.9	7.2	
	3.6	1.0	2.6	
9/13 12/13	3.5	5.9	-2.4	
3/14	1.2	1.6	-0.4	
6/14	0.4	1.1	-0.7	
9/14	-0.1	1.5	-1.6	
12/14	6.4	6.0	0.4	
3/15	0.4	1.8	-1.3	
6/15	0.7	0.5	0.2	
9/15	1.1	0.8	0.3	
12/15	3.0	1.9	1.1	
3/16	-0.3	-0.3	0.0	
6/16	0.7	1.0		
9/16	1.2	0.7	0.5	
12/16	2.7	1.2	1.5	
3/17	0.4	0.8	-0.4	
6/17	0.6	0.7	-0.1	
9/17	1.2	0.6	0.6	
	•			



On September 30th, 2017, the Miramar Firefighters' Molpus Woodlands Fund IV Fund IV portfolio was valued at \$1,269,926, a decrease of \$7,263 from the June ending value of \$1,277,189. Last quarter, the account recorded a net withdrawal of \$10,189, which overshadowed the fund's net investment return of \$2,926. Barring income receipts during the third quarter, the portfolio's net investment return figure was the product of \$2,926 in realized and unrealized capital gains.

For the cumulative period since September 2015, the fund has recorded net contributions totaling \$1.2 million, and recorded net investment gains of \$41,340. For the period since September 2015, if the total fund returned a compound annual rate of 7.0% it would have been valued at \$1.4 million or \$80,921 more than the actual value as of September 30th, 2017.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

In the third quarter, the Molpus Woodlands Fund IV Fund IV portfolio gained 0.5%, which was 0.1% less than the NCREIF Timber Index's return of 0.6%. Over the trailing twelve-month period, the portfolio returned 6.0%, which was 2.7% above the benchmark's 3.3% return. Since September 2015, the account returned 0.9% on an annualized basis, while the NCREIF Timber Index returned an annualized 3.3% over the same time frame.

# Timber Investor Report as of September 30, 2017 Molpus Woodlands Fund IV LP

Market Value	\$1,269,926	Last Appraisal Dat	e: 09/30/2017		
Initial Commitment	\$1,500,000	100.00%			
Capital Contributed	\$1,255,000	83.67%			
		% of	Recallable	% of	
Date	<b>Contributions</b>	Commitment	Contributions	Commitment	Distributions
9/1/2015	\$37,500	1.40%	-	-	\$-
10//1/2015	\$622,500	29.40%	-	-	\$-
1/20/2016	\$90,000	5.70%	-	-	\$-
9/22/2016	\$-	-	-	-	\$(6,793)
12/13/2016	\$505,000	-	-	-	\$-
3/28/2017	\$-	-	-	-	\$(7,924)
9/18/2017		-	-	-	\$(10,189)
Total	\$1,255,000	83.67%	\$-	0.00%	\$(24,906)

### **EXECUTIVE SUMMARY**

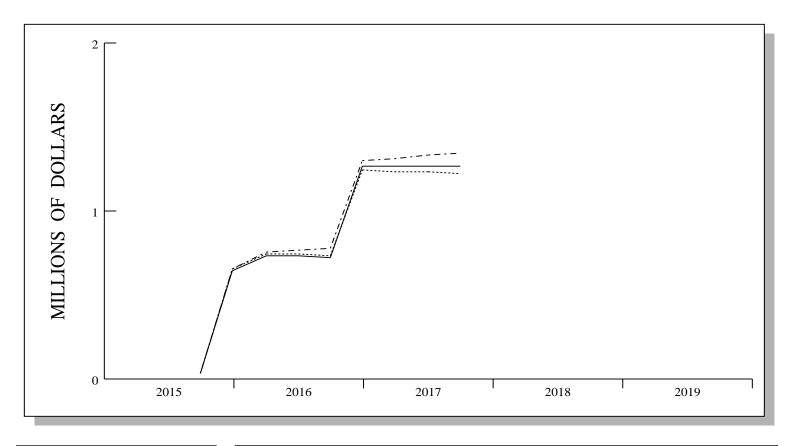
PERFORMANCE SUMMARY					
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 09/15
Total Portfolio - Gross	0.5	6.0			0.9
Total Portfolio - Net	0.2	5.0			-0.2
NCREIF Timber	0.6	3.3	5.2	7.1	3.3
Real Assets - Gross	0.5	6.0			0.9

ASSET ALLOCATION			
Real Assets	100.0%	\$ 1,269,926	
Total Portfolio	100.0%	\$ 1,269,926	

## INVESTMENT RETURN

Market Value 6/2017	\$ 1,277,189
Contribs / Withdrawals	- 10,189
Income	0
Capital Gains / Losses	2,926
Market Value 9/2017	\$ 1,269,926

### **INVESTMENT GROWTH**

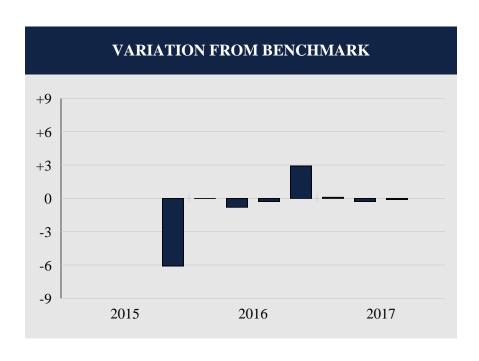


VALUE ASSUMING
7.0% RETURN \$ 1,350,847

	LAST QUARTER	PERIOD 9/15 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{r} \$ \ 1,277,189 \\ -10,189 \\ \underline{2,926} \\ \$ \ 1,269,926 \end{array} $	\$ 35,492 1,193,094 41,340 \$ 1,269,926
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 2,926 \\ \hline 2,926 \end{array} $	$ \begin{array}{c} 0 \\ 41,340 \\ \hline 41,340 \end{array} $

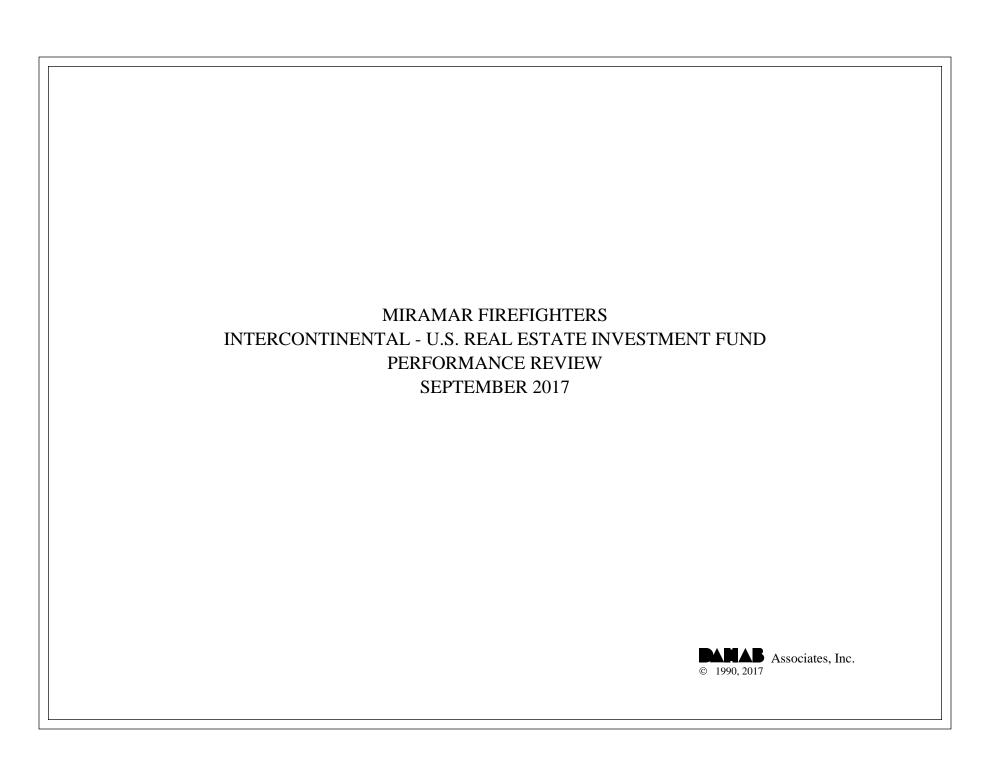
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



Total Quarters Observed	8
Quarters At or Above the Benchmark	3
Quarters Below the Benchmark	5
<b>Batting Average</b>	.375

RATES OF RETURN				
Portfolio	Benchmark	Difference		
-4.2	1.9	-6.1		
-0.3	-0.3	0.0		
0.2	1.0	-0.8		
0.4	0.7	-0.3		
4.1	1.2	2.9		
0.9	0.8	0.1		
0.4	0.7	-0.3		
0.5	0.6	-0.1		
	-4.2 -0.3 0.2 0.4 4.1 0.9 0.4	Portfolio Benchmark  -4.2 1.9  -0.3 -0.3  0.2 1.0  0.4 0.7  4.1 1.2  0.9 0.8  0.4 0.7		



On September 30th, 2017, the Miramar Firefighters' Intercontinental U.S. Real Estate Investment Fund was valued at \$5,770,033, representing an increase of \$128,640 from the June quarter's ending value of \$5,641,393. Last quarter, the Fund posted withdrawals totaling \$14,181, which partially offset the portfolio's net investment return of \$142,821. Income receipts totaling \$75,498 plus net realized and unrealized capital gains of \$67,323 combined to produce the portfolio's net investment return.

For the cumulative period since March 2016, the fund has recorded net withdrawals totaling \$121,542 and posted net investment gains of \$874,093. For the period since March 2016, if the total fund had returned a compound annual rate of 7.0% it would have been valued at \$5.4 million or \$344,460 less than the actual value as of September 30th, 2017.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

In the third quarter, the Intercontinental U.S. Real Estate Investment Fund gained 2.5%, which was 0.6% greater than the NCREIF NFI-ODCE Index's return of 1.9%. Over the trailing twelve-month period, the portfolio returned 11.8%, which was 4.2% above the benchmark's 7.6% return. Since March 2016, the account returned 11.4% on an annualized basis, while the NCREIF NFI-ODCE Index returned an annualized 8.0% over the same time frame.

### **EXECUTIVE SUMMARY**

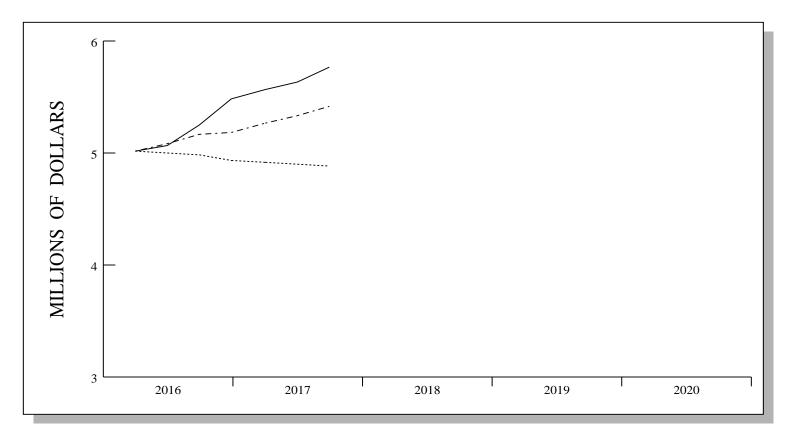
PERFORMANCE SUMMARY					
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 03/16
Total Portfolio - Gross	2.5	11.8			11.4
Total Portfolio - Net	2.3	9.8			9.6
NCREIF ODCE	1.9	7.6	10.8	11.6	8.0
Real Assets - Gross	2.5	11.8			11.4

ASSET ALLOCATION			
Real Assets	100.0%	\$ 5,770,033	
Total Portfolio	100.0%	\$ 5,770,033	

## INVESTMENT RETURN

Market Value 6/2017	\$ 5,641,393
Contribs / Withdrawals	- 14,181
Income	75,498
Capital Gains / Losses	67,323
Market Value 9/2017	\$ 5,770,033

### **INVESTMENT GROWTH**



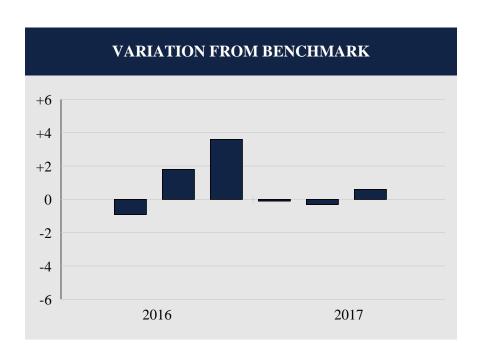
------ ACTUAL RETURN
------ 7.0%
------ 0.0%

VALUE ASSUMING
7.0% RETURN \$ 5,425,573

	LAST QUARTER	PERIOD 3/16 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,641,393 -14,181 \frac{142,821}{\$ 5,770,033}	\$ 5,017,482 -121,542 874,093 \$ 5,770,033
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	75,498 67,323 142,821	410,894 463,199 874,093

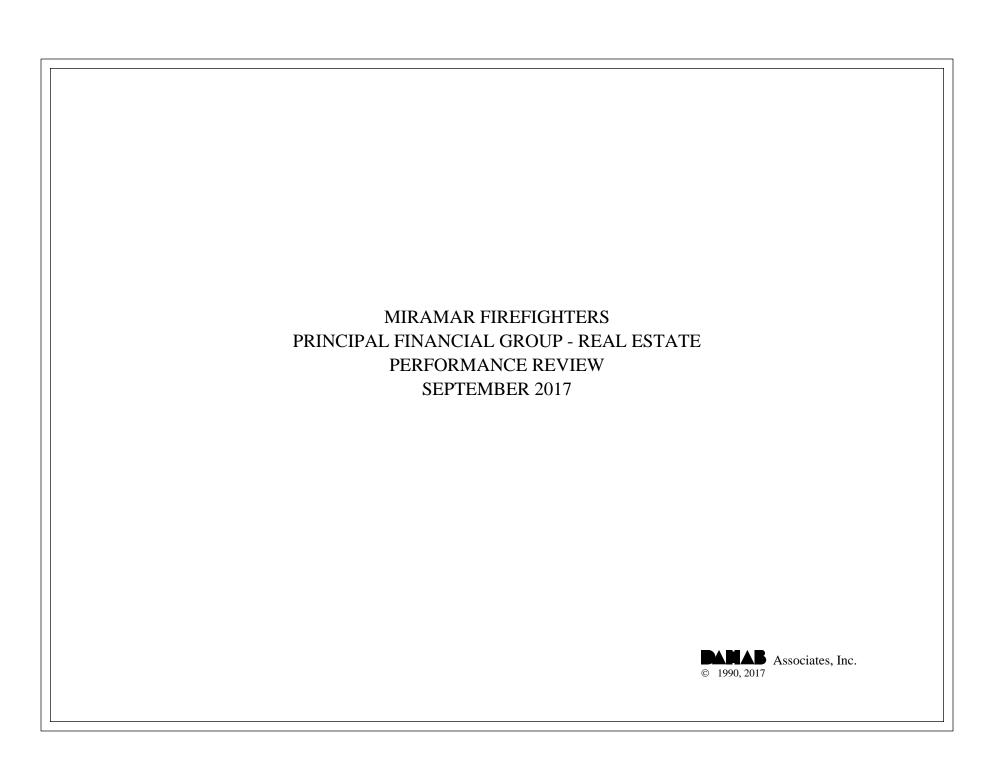
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



Total Quarters Observed	6
Quarters At or Above the Benchmark	3
<b>Quarters Below the Benchmark</b>	3
Batting Average	.500

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
6/16	1.2	2.1	-0.9		
9/16	3.9	2.1	1.8		
12/16	5.7	2.1	3.6		
3/17	1.7	1.8	-0.1		
6/17	1.4	1.7	-0.3		
9/17	2.5	1.9	0.6		



On September 30th, 2017, the Miramar Firefighters' Principal Financial Group Real Estate portfolio was valued at \$7,214,977, representing an increase of \$191,534 from the June quarter's ending value of \$7,023,443. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$191,534 in net investment returns. Since there were no income receipts for the third quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$191,534.

For the cumulative period since September 2007, the portfolio has posted net contributions totaling \$1.0 million, and recorded net investment gains totaling \$2.4 million. For the period since September 2007, if the fund had returned a compound annual rate of 7.0% it would have been valued at \$9.4 million or \$2.2 million more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

For the third quarter, the Principal Financial Group Real Estate account gained 3.0%, which was 1.1% above the NCREIF NFI-ODCE Index's return of 1.9%. Over the trailing year, the account returned 10.5%, which was 2.9% greater than the benchmark's 7.6% performance. Since September 2007, the Principal Financial Group Real Estate portfolio returned 5.3% annualized, while the NCREIF NFI-ODCE Index returned an annualized 5.0% over the same time frame.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY					
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 09/07
Total Portfolio - Gross	3.0	10.5	12.4	12.6	5.3
Total Portfolio - Net	2.7	9.4	11.2	11.4	4.2
NCREIF ODCE	1.9	7.6	10.8	11.6	5.0
Real Assets - Gross	3.0	10.5	12.4	12.6	5.3
NCREIF ODCE	1.9	7.6	10.8	11.6	5.0

ASSET ALLOCATION				
Real Assets	100.0%	\$ 7,214,977		
Total Portfolio	100.0%	\$ 7,214,977		

### INVESTMENT RETURN

 Market Value 6/2017
 \$ 7,023,443

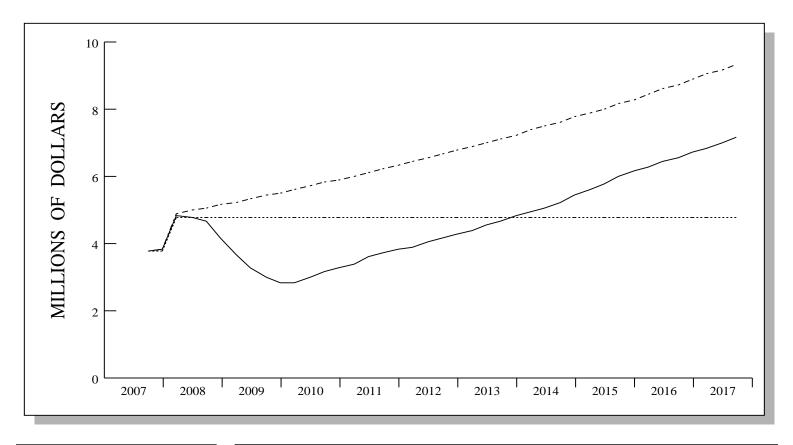
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 191,534

 Market Value 9/2017
 \$ 7,214,977

### **INVESTMENT GROWTH**

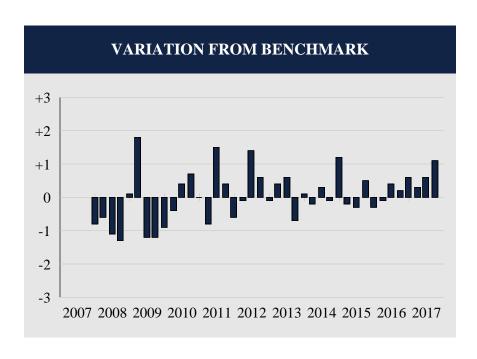


VALUE ASSUMING
7.0% RETURN \$ 9,374,014

	LAST QUARTER	PERIOD 9/07 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$   \begin{array}{c}     \$ 7,023,443 \\     0 \\     \hline     191,534 \\     \$ 7,214,977   \end{array} $	\$ 3,784,810 1,000,000 2,430,167 \$ 7,214,977
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 191,534 \\ \hline 191,534 \end{array} $	$ \begin{array}{r} 0 \\ -2,430,167 \\ \hline 2,430,167 \end{array} $

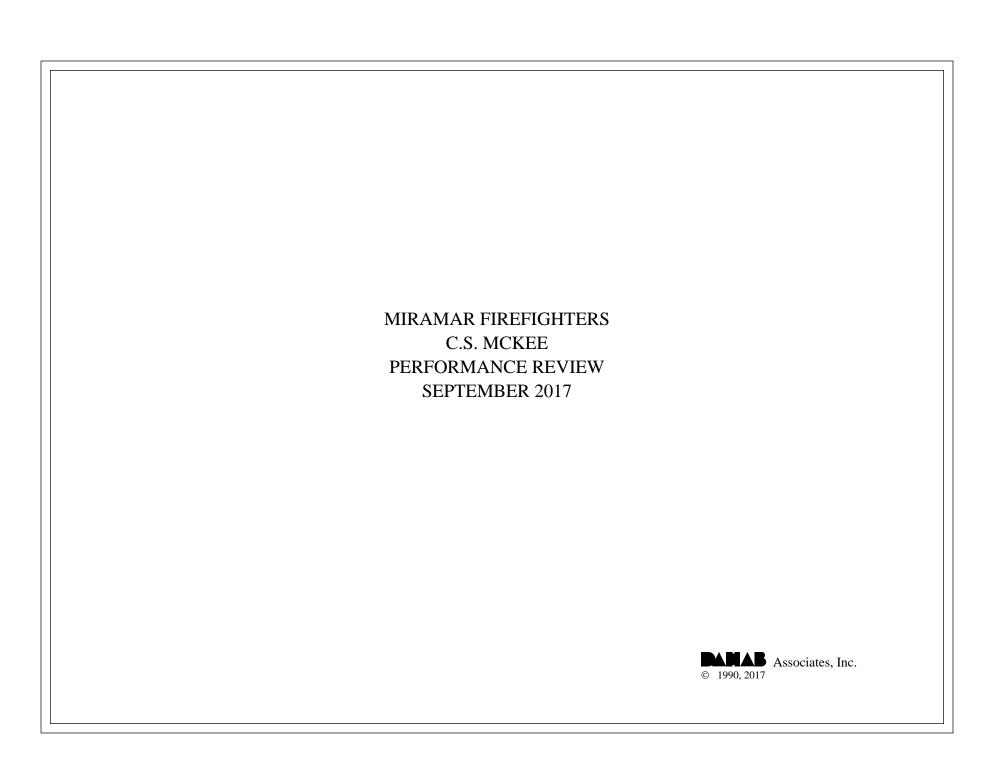
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

#### COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	21
Quarters Below the Benchmark	19
Batting Average	.525

RATES OF RETURN				
Date	Portfolio	Benchmark	Difference	
12/07 3/08 6/08 9/08 12/08 3/09 6/09 9/09 12/09 3/10 6/10 9/10 12/10 3/11 6/11 9/11 12/11 3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14	1.3 0.8 -0.8 -1.9 -10.8 -11.9 -10.2 -8.5 -4.4 0.4 4.8 6.1 5.0 3.2 6.1 3.9 2.4 2.7 3.9 3.4 2.2 3.1 4.5 2.9 3.3 2.3 3.2	2.1 1.4 0.3 -0.6 -10.9 -13.7 -9.0 -7.3 -3.5 0.8 4.4 5.4 5.0 4.0 4.6 3.5 3.0 2.8 2.5 2.8 2.3 2.7 3.9 3.6 3.2 2.5 2.9	-0.8 -0.6 -1.1 -1.3 0.1 1.8 -1.2 -1.2 -1.9 -0.4 0.4 0.7 0.0 -0.8 1.5 0.4 -0.6 -0.1 1.4 0.6 -0.1 0.4 0.6 -0.1 0.4 0.6 -0.7 0.1 -0.2 0.3	
9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17	3.1 4.5 3.2 3.5 4.2 3.0 2.1 2.5 2.3 2.7 2.1 2.3 3.0	3.2 3.3 3.4 3.8 3.7 3.3 2.2 2.1 2.1 2.1 1.8 1.7 1.9	-0.1 1.2 -0.2 -0.3 0.5 -0.3 -0.1 0.4 0.2 0.6 0.3 0.6 1.1	



On September 30th, 2017, the Miramar Firefighters' C.S. McKee portfolio was valued at \$19,743,668, representing an increase of \$2,646,194 from the June quarter's ending value of \$17,097,474. Last quarter, the Fund posted net contributions equaling \$2,497,944 plus a net investment gain equaling \$148,250. Total net investment return was the result of income receipts, which totaled \$129,799 and net realized and unrealized capital gains of \$18,451.

For the cumulative period since March 2012, the fund has recorded net contributions totaling \$12.4 million, and recorded net investment gains of \$1.7 million. For the period since March 2012, if the total fund returned a compound annual rate of 6.0% it would have been valued at \$22.0 million or \$2.3 million more than the actual value as of September 30th, 2017.

#### RELATIVE PERFORMANCE

In the third quarter, the C.S. McKee portfolio gained 0.9%, which was 0.1% above the Bloomberg Barclays Aggregate Index's return of 0.8% and ranked in the 70th percentile of the Core Fixed Income universe. Over the trailing year, the portfolio returned 0.5%, which was 0.4% greater than the benchmark's 0.1% performance, and ranked in the 56th percentile. Since March 2012, the portfolio returned 2.8% on an annualized basis and ranked in the 67th percentile. For comparison, the Bloomberg Barclays Aggregate Index returned an annualized 2.6% over the same period.

#### ASSET ALLOCATION

On September 30th, 2017, fixed income comprised 96.2% of the total portfolio (\$19.0 million), while cash & equivalents totaled 3.8% (\$757,488).

#### **BOND ANALYSIS**

At the end of the quarter, approximately 45% of the total bond portfolio was comprised of USG quality securities. The remainder of the portfolio consisted of corporate securities, rated AAA through BBB, giving the portfolio an overall average quality rating of AAA-AA. The average maturity of the portfolio was 7.38 years, less than the Bloomberg Barclays Aggregate Index's 8.25-year maturity. The average coupon was 2.99%.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY					
	Quarter	FYTD / 1Y	3 Year	5 Year	Since 03/12
Total Portfolio - Gross	0.9	0.5	2.9	2.4	2.8
CORE FIXED INCOME RANK	(70)	(56)	(56)	(59)	(67)
Total Portfolio - Net	0.8	0.2	2.6	2.0	2.4
Aggregate Index	0.8	0.1	2.7	2.1	2.6
Fixed Income - Gross	0.9	0.5	3.0	2.5	2.9
CORE FIXED INCOME RANK	(64)	(56)	(48)	(49)	(58)
Aggregate Index	0.8	0.1	2.7	2.1	2.6

ASSET ALLOCATION				
96.2% 3.8%	\$ 18,986,180 757,488			
100.0%	\$ 19,743,668			
	96.2% 3.8%			

### INVESTMENT RETURN

 Market Value 6/2017
 \$ 17,097,474

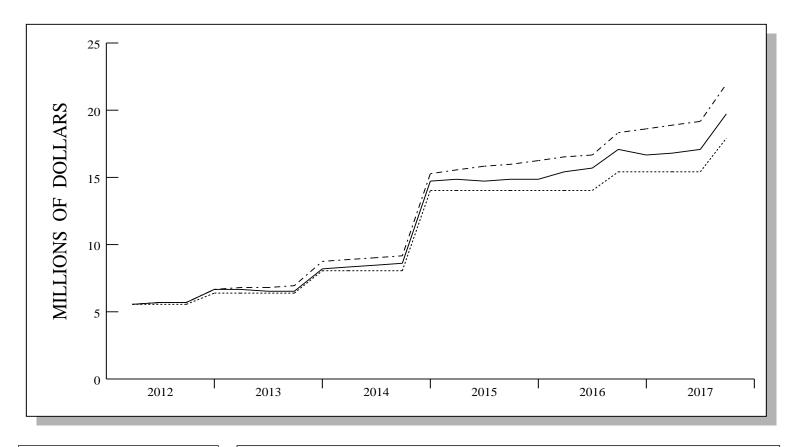
 Contribs / Withdrawals
 2,497,944

 Income
 129,799

 Capital Gains / Losses
 18,451

 Market Value 9/2017
 \$ 19,743,668

## **INVESTMENT GROWTH**



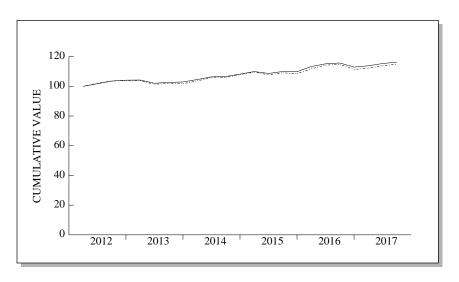
3

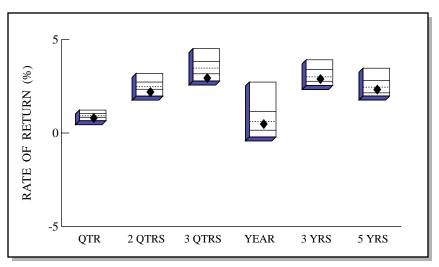
------ ACTUAL RETURN
------ 6.0%
------ 0.0%

VALUE ASSUMING
6.0% RETURN \$ 22,027,633

	LAST QUARTER	PERIOD 3/12 - 9/17
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 17,097,474 2,497,944 148,250 \$ 19,743,668	\$ 5,618,905 12,402,678 1,722,085 \$ 19,743,668
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{129,799}{18,451}$ $\frac{148,250}{148,250}$	1,766,394 -44,309 1,722,085

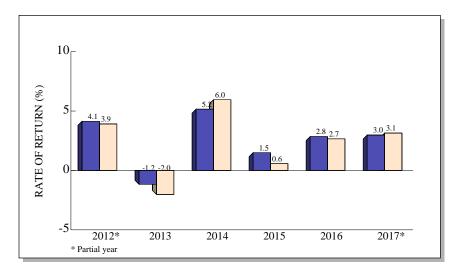
## TOTAL RETURN COMPARISONS





Core Fixed Income Universe



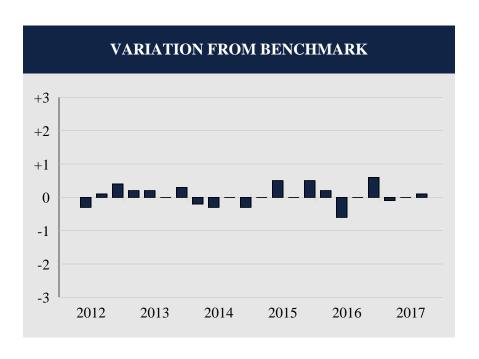


	_QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	0.9 (70)	2.2 (83)	3.0 (89)	0.5 (56)	2.9 (56)	2.4 (59)
5TH %ILE	1.2	3.2	4.5	2.7	3.9	3.5
25TH %ILE	1.1	2.7	3.8	1.2	3.4	2.8
MEDIAN	0.9	2.5	3.5	0.6	3.0	2.5
75TH %ILE	0.8	2.3	3.2	0.2	2.8	2.2
95TH %ILE	0.7	2.0	2.8	-0.2	2.6	2.0
Agg	0.8	2.3	3.1	0.1	2.7	2.1

Core Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

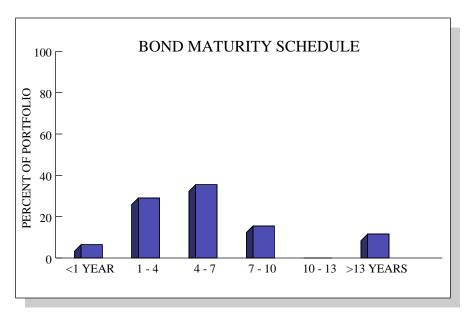
### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX

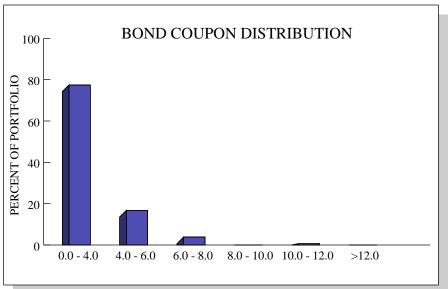


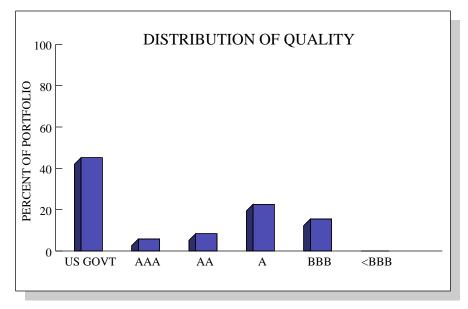
Total Quarters Observed	22
Quarters At or Above the Benchmark	16
<b>Quarters Below the Benchmark</b>	6
Batting Average	.727

RATES OF RETURN			
Date	Portfolio	Benchmark	Difference
6/12	1.8	2.1	-0.3
9/12	1.7	1.6	0.1
12/12	0.6	0.2	0.4
3/13	0.1	-0.1	0.2
6/13	-2.1	-2.3	0.2
9/13	0.6	0.6	0.0
12/13	0.2	-0.1	0.3
3/14	1.6	1.8	-0.2
6/14	1.7	2.0	-0.3
9/14	0.2	0.2	0.0
12/14	1.5	1.8	-0.3
3/15	1.6	1.6	0.0
6/15	-1.2	-1.7	0.5
9/15	1.2	1.2	0.0
12/15	-0.1	-0.6	0.5
3/16	3.2	3.0	0.2
6/16	1.6	2.2	-0.6
9/16	0.5	0.5	0.0
12/16	-2.4	-3.0	0.6
3/17	0.7	0.8	-0.1
6/17	1.4	1.4	0.0
9/17	0.9	0.8	0.1

### **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	212	9,547
Duration	5.67	5.96
YTM	2.52	2.55
Average Coupon	2.99	3.06
Avg Maturity / WAL	7.38	8.25
Average Quality	AAA-AA	<b>USG-AAA</b>