Jupiter Police Officers' Retirement Fund

Investment Performance Period Ending June 30, 2017



Jupiter Police Officers' Retirement Fund BCA Market Perspective © The Shrinking Number of Public U.S. Companies

Frank Wan, MBA July 2017

The U.S. stock market is by far the largest in the world, representing 53.2% of the global market as of December 31, 2016. Companies like Apple, Johnson & Johnson (J&J), and Berkshire Hathaway, are valued in billions of dollars. And to put this in perspective, Apple's market cap is the equivalent of South Korea's total stock exchange. Goldman Sachs is the equivalent of Thailand's, J&J is the size of Brazil's, and Berkshire Hathaway is comparable to India's.

Despite the success behind U.S. companies and their global presence, the number of U.S.-listed stocks has decreased by fifty percent over the past 20 years, while the number of foreign stocks has increased by fifty percent.

foreign stocks has increased by fifty percent.

According to Bloomberg, there were more than 9,100 U.S.-listed companies in 1997.

Today, that number is down to slightly more than 5,700. During the same period, the number of global stocks has increased from 23,000 to 33,000.

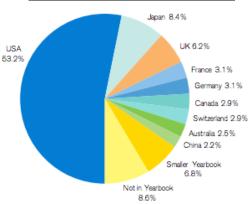
The primary contributor to this trend is consolidation, as there has been record numbers of mergers and acquisitions in the U.S. For examples, Oracle purchased NetSuite for \$9.3 billion in 2016, and Amazon recently announced its plan to acquire Whole Foods for \$13.7 billion. Whether it is Oracle cloud computing or Amazon grocery stores, it has been a winner take all type of environment. With organic growth hard to come by, companies have resorted to buying growth to diversify their revenue streams.

Companies like Apple and Alphabet are sitting on billions in cash, looking for opportunities to acquire and expand. This phase of their business lifecycle can be identified as the "Decline" phase, when companies must be creative, or "reborn" in order to capture higher growth rates. Otherwise, they are destined to become the next Yahoo, Circuit City, Sears, JC Penney and now Macy's.

Technology has forever changed the way we purchase goods and services. As a result, companies must identify ways to maintain their market share. It should be no surprise that consolidation will continue, and the number of U.S. publicly traded stocks will continue to decline.

Source: Bloomberg. Think Global to Avoid Shrinking U.S. Stock Market. March 2017.

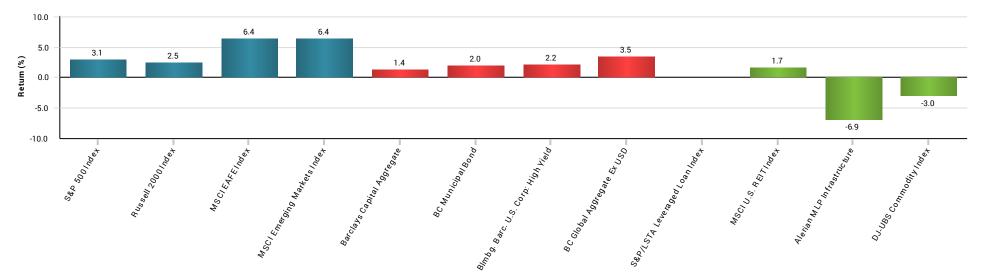
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Quarterly Market Summary

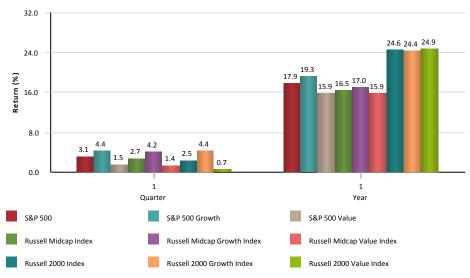
June 30, 2017

1 Quarter Performance

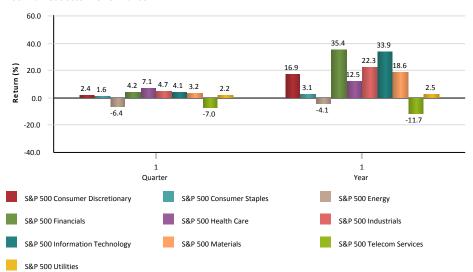


Source: Investment Metrics, LLC

US Market Indices Performance



US Market Sector Performance



Source: Investment Metrics, LLC

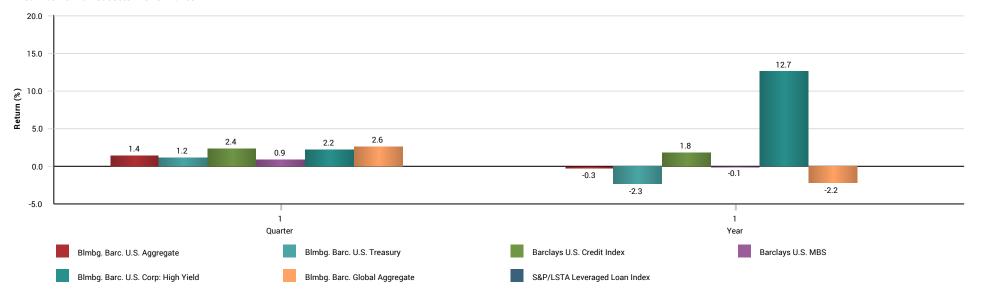
Source: Investment Metrics, LLC





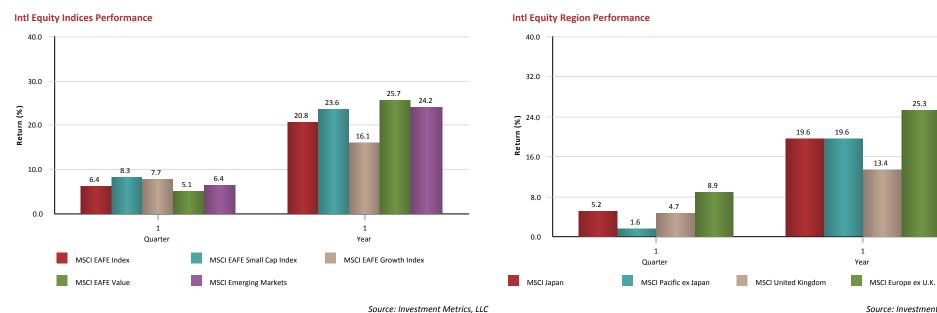
Quarterly Market Summary June 30, 2017

Fixed Income Market Sector Performance



Source: Investment Metrics, LLC

25.3



Source: Investment Metrics, LLC

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Jupiter Police Officers' Retirement Fund Total Fund Investment Summary June 30, 2017

The investment program has a \$20.8 million or 31% allocated to passive or index-based asset categories. This recently adopted policy to gradually add passive solutions where practical, has already reduced the expense ratio by nearly \$60K per year.

| The Fund earned \$1.7 million or +2.7% gross (+2.6% net) for the quarter, ahead of the benchmark (+2.1%). The out-performance was due to superior relative returns from: EuroPacific (+7.7% - top 29th), Eaton Vance LCG (+5.6% - top 39th) and Eagle LCV (+4.1% - top 8th). |
|---|
| Fiscal year-to date, the total Fund had earned \$4.4 million or +6.8% net. Results through the end of July 2017 were closer to +8.1%. |
| For the 12-month period, the total Fund had earned \$6.5 million or +10.9% gross (+10.4% net) in line with the model portfolio. The top three performing asset categories were: Eagle Capital LCV (+24.5% - top 12th), EuroPacific (+22.2% - top 32nd) and Eaton Vance LCG (+19.7% - 57th). |
| For the five-year period, the total Fund had earned \$20.9 million, averaging +8.4% (+7.9% net) per year. This experience is consistent with the actuarial expected rate of return. |
| The Miller Howard MLP account was closed on 5/30/2017, as assets were transferred in kind to the Tortoise MLP on 6/14/17. |
| BCA completed a site visit of Eaton Vance's Boston operations on July 26. |

Program and Manager Comments

- 1) Eagle's value equity program earned an impressive top 10th percentile ranking spot for three years and beat its benchmark.
- 2) Eaton Vance's growth equity program three-year results ranked in the top 44th percentile, averaging +10.7% per year.
- 3) The passive S&P 400 product ranked in the top 12th percentiles for the three and five-year periods.
- 4) Salient's MLP product beat the benchmark by a large margin for the 12-month period (+7.8% vs. +0.4%).
- 5) The REIT index product ranked in the top 36th percentile for the three and five-year periods.
- 6) The Private Real Estate product has been an excellent bond substitute over the past three years averaging +10.7% per year vs. +2.8% for fixed income.



Jupiter Police Officers' Retirement Fund Total Fund Investment Policy Review June 30, 2017

| | <u>Yes</u> | <u>No</u> |
|---|-------------|------------------------|
| The annualized three-year total Fund performance achieved the return of the model. The annualized three-year total Fund performance ranked in the top 40th percentile. | | |
| The total Fund's annualized three-year performance achieved the 7.5% actuarial assumption rate. | | \boxtimes |
| The annualized five-year total Fund performance achieved the return of the model. | \boxtimes | |
| The annualized five-year total Fund performance ranked in the top 40th percentile. | | \boxtimes |
| The total Fund's annualized five-year performance achieved the 7.5% actuarial assumption rate. | | |
| The annualized three-year Eagle Capital large cap value performance achieved the Russell 1000 Growth. | | |
| The annualized three-year Eagle Capital large cap value performance ranked in the top 40th percentile. | \boxtimes | |
| The annualized three-year Eaton Vance large cap growth performance achieved the Russell 1000 Growth. | | |
| The annualized three-year Eaton Vance large cap growth performance ranked in the top 40th percentile (44th). | | |
| The annualized five-year Eaton Vance large cap growth performance achieved the Russell 1000 Growth. | | |
| The annualized five-year Eaton Vance large cap growth performance ranked in the top 40th percentile. | \boxtimes | |
| The annualized three-year Salient MLP performance achieved the Alerian MLP Index. | | |
| The annualized three-year Advent convertible performance achieved the ML Conv x144A All Quality Index. | | |
| The annualized three-year Advent convertible performance ranked in the top 40th percentile. | | |
| The annualized five-year Advent convertible performance achieved the ML Conv x144A All Quality Index. | | |
| The annualized five-year Advent convertible performance ranked in the top 40th percentile. | | |
| The American Realty Private RE three-year performance achieved the NCREIF ODCE. | | |
| The American Realty Private RE five-year performance achieved the NCREIF ODCE. | \Box | $\overline{\boxtimes}$ |



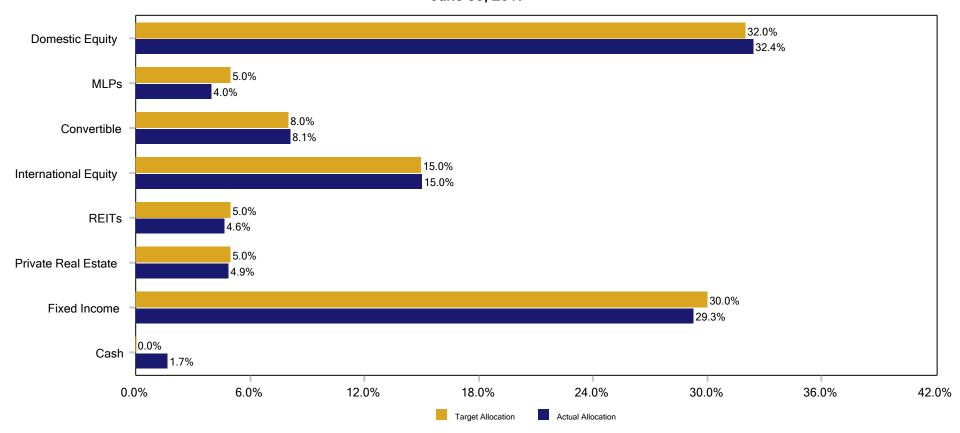
Jupiter Police Officers' Retirement Fund Total Fund Investment Policy Review (continued) June 30, 2017

| | Yes | <u>No</u> |
|--|-------------|-------------|
| The annualized three-year C.S. McKee fixed income performance achieved the fixed income benchmark. | \boxtimes | |
| The annualized three-year C.S. McKee fixed income performance ranked in the top 40th percentile (44th). | | \boxtimes |
| The annualized five-year C.S. McKee fixed income performance achieved the fixed income benchmark. | \boxtimes | |
| The annualized five-year C.S. McKee fixed income performance ranked in the top 40th percentile (67th). | | \boxtimes |
| Total equity securities (including the REIT and convertibles), were within the 70% at market limitation. | | |
| No more than 25% of the total Fund's assets at market were invested in foreign securities. | \boxtimes | |
| The fixed income portfolio was invested in 5% or less in securities of any single corporate issuer. | \boxtimes | |
| The Fund's assets were invested in 5% or less of the common stock or capital of any one issuing company. | \boxtimes | |
| PFIA compliant. | \boxtimes | |

Jupiter Police Officers' Retirement Fund Investment Performance - Net June 30, 2017

| | <u>Quarter</u> | <u>FYTD</u> | One Year | Three Years | Five Years |
|------------------------|----------------|-------------|------------|-------------|------------|
| Beginning Market Value | 65,763,439 | 62,995,033 | 60,296,780 | 56,735,463 | 41,597,802 |
| Contributions | -421,233 | -345,638 | 314,747 | 2,122,497 | 4,588,008 |
| Gain/Loss | 1,749,440 | 4,442,250 | 6,480,119 | 8,233,687 | 20,905,837 |
| Ending Market Value | 67,091,646 | 67,091,646 | 67,091,646 | 67,091,646 | 67,091,646 |
| Total Fund (%) | 2.6 | 6.8 | 10.4 | 4.3 | 7.9 |
| Model Portfolio (%) | 2.1 | 7.2 | 10.4 | 4.6 | 8.4 |

Jupiter Police Officers' Retirement Fund Actual vs. Target Asset Allocation June 30, 2017

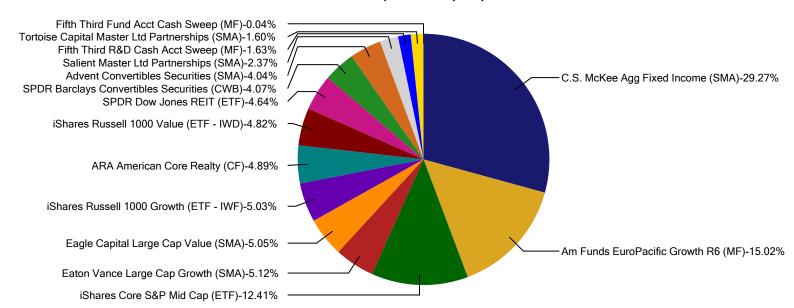


| | Market Value Actual \$ | Percent Actual | Percent Target | Percent Difference |
|----------------------|---------------------------|-------------------|-------------------|-----------------------|
| Total Fund | 67,091,646 | 100.0 | 100.0 | 0.0 |
| Domestic Equity | 21,761,272 | 32.4 | 32.0 | 0.4 |
| MLPs | 2,659,407 | 4.0 | 5.0 | -1.0 |
| Convertible | 5,437,726 | 8.1 | 8.0 | 0.1 |
| International Equity | 10,077,205 | 15.0 | 15.0 | 0.0 |
| REITs | 3,114,644 | 4.6 | 5.0 | -0.4 |
| Private Real Estate | 3,284,002 | 4.9 | 5.0 | -0.1 |
| Fixed Income | 19,634,890 | 29.3 | 30.0 | -0.7 |
| Cash | 1,122,498 | 1.7 | 0.0 | 1.7 |



Jupiter Police Officers' Retirement Fund Asset Allocation

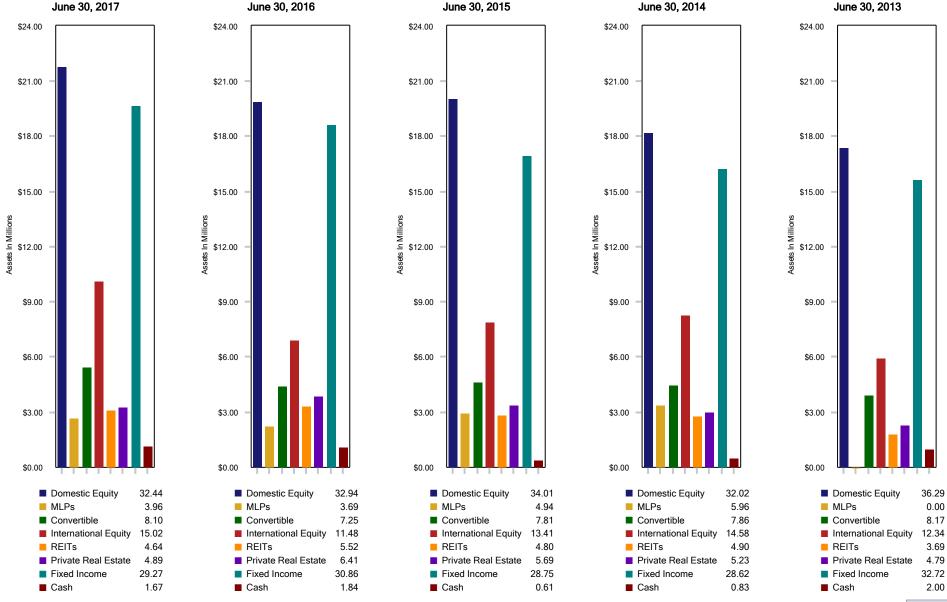
June 30, 2017 : 67,091,646



| | Market Value \$ | Allocation (%) |
|--|-----------------|----------------|
| ■ C.S. McKee Agg Fixed Income (SMA) | 19,634,890 | 29.27 |
| Am Funds EuroPacific Growth R6 (MF) | 10,077,205 | 15.02 |
| ■ iShares Core S&P Mid Cap (ETF) | 8,329,074 | 12.41 |
| ■ Eaton Vance Large Cap Growth (SMA) | 3,433,873 | 5.12 |
| Eagle Capital Large Cap Value (SMA) | 3,389,730 | 5.05 |
| ■ iShares Russell 1000 Growth (ETF - IWF) | 3,377,431 | 5.03 |
| ARA American Core Realty (CF) | 3,284,002 | 4.89 |
| ■ iShares Russell 1000 Value (ETF - IWD) | 3,231,165 | 4.82 |
| SPDR Dow Jones REIT (ETF) | 3,114,644 | 4.64 |
| ■ SPDR Barclays Convertibles Securities (CWB) | 2,729,100 | 4.07 |
| Advent Convertibles Securities (SMA) | 2,708,626 | 4.04 |
| ■ Salient Master Ltd Partnerships (SMA) | 1,588,543 | 2.37 |
| Fifth Third R&D Cash Acct Sweep (MF) | 1,093,684 | 1.63 |
| Tortoise Capital Master Ltd Partnerships (SMA) | 1,070,864 | 1.60 |
| ■ Fifth Third Fund Acct Cash Sweep (MF) | 28,815 | 0.04 |



Jupiter Police Officers' Retirement Fund Historical Asset Allocation June 30, 2017





Jupiter Police Officers' Retirement Fund Asset Allocation & Performance June 30, 2017

| | Market Value | QTD ROR - Rank | FYTD ROR - Rank | 1 Year ROR - Rank | 3 Year ROR - Rank | 5 Year ROR - Rank |
|--|-------------------|------------------------|--------------------------|--------------------------|------------------------|--------------------------|
| Total Fund | 67,091,646 | 2.7 (68) | 7.2 (82) | 10.9 (75) | 4.8 (69) | 8.4 (66) |
| Model Portfolio | (0.000.000 | 2.1 | 7.2 | 10.4 | 4.6 | 8.4 |
| Equity | 43,050,255 | 3.5 | 11.3 | 17.0 | 5.4 | 11.7 |
| Domestic Equity | 21,761,272 | 3.2 | 13.9 | 19.8 | 9.5 | 15.3 |
| Eagle Capital Large Cap Value (SMA) | 3,389,730 | 4.1 (8) | 18.4 (8) | 24.5 (12) | 10.3 (10) | N/A |
| iShares Russell 1000 Value (ETF - IWD) Russell 1000 Value Index | 3,231,165 | 1.3 (75) 1.3 | N/A 11.6 | N/A 15.5 | N/A 7.4 | N/A 13.9 |
| Eaton Vance Large Cap Growth (SMA) | 3,433,873 | 5.6 (39) | 12.5 (79) | 19.7 (57) | 10.7 (44) | 15.6 (34) |
| iShares Russell 1000 Growth (ETF - IWF) Russell 1000 Growth Index | 3,377,431 | 4.6 (71) 4.7 | N/A 15.1 | N/A 20.4 | N/A 11.1 | N/A 15.3 |
| iShares Core S&P Mid Cap (ETF) S&P MidCap 400 Index | 8,329,074 | 1.9 (48) 2.0 | 13.7 (19) 13.8 | 18.3 (30) 18.6 | 8.4 (12) 8.5 | 14.8 (12) 14.9 |
| MLPs | 2,659,407 | -6.2 | 1.1 | 4.3 | -11.7 | N/A |
| Salient Master Ltd Partnerships (SMA) Alerian MLP Index | 1,588,543 | -6.8 -6.4 | 1.5 -0.7 | 7.8 0.4 | -9.9 -11.2 | N/A 1.8 |
| Tortoise Capital Master Ltd Partnerships (SMA) Alerian MLP Index | 1,070,864 | N/A -6.4 | N/A -0.7 | N/A 0.4 | N/A -11.2 | N/A 1.8 |
| Convertible | 5,437,726 | 3.1 | 9.2 | 15.8 | 4.4 | 9.6 |
| Advent Convertibles Securities (SMA) ML All Convertibles Excl. 144A All Qualities Index | 2,708,626 | 2.2 (68) 2.7 | 8.2 (49) 10.5 | 14.8 (33) 17.3 | 4.1 (69) 5.2 | 9.4 (53) 11.3 |
| SPDR Barclays Convertibles Securities (CWB) Blmbg. Barc. U.S. Convertibles: 500MM | 2,729,100 | 4.0 (15) 4.2 | N/A 11.0 | N/A 18.9 | N/A 6.3 | N/A 12.0 |
| International Equity | 10,077,205 | 7.8 | 13.1 | 22.5 | 1.2 | 8.2 |
| Am Funds EuroPacific Growth R6 (MF) MSCI EAFE Index | 10,077,205 | 7.7 (29) 6.4 | 12.9 (39) 13.5 | 22.2 (32) 20.8 | N/A 1.6 | N/A 9.2 |

Jupiter Police Officers' Retirement Fund Asset Allocation & Performance June 30, 2017

| | Market Value | QTD ROR - Rank | FYTD ROR - Rank | 1 Year ROR - Rank | 3 Year ROR - Rank | 5 Year ROR - Rank |
|--|--------------|------------------------|--------------------------|--------------------------|----------------------|----------------------|
| REITs | 3,114,644 | 1.7 | -1.3 | -2.5 | 8.0 | 9.0 |
| SPDR Dow Jones REIT (ETF) Wilshire US REIT Index | 3,114,644 | 1.6 (57) 1.8 | -1.5 (71) -0.5 | -2.7 (66) -1.7 | 7.7 (36) 8.3 | 8.7 (36) 9.3 |
| Private Real Estate | 3,284,002 | 2.0 | 5.5 | 7.5 | 10.7 | 11.2 |
| ARA American Core Realty (CF) NCREIF Fund Index-ODCE (VW) | 3,284,002 | 2.0 1.7 | 5.5 5.7 | 7.5 7.9 | 10.7 11.3 | 11.2 11.8 |
| Fixed Income | 19,634,890 | 1.4 | -0.4 | 0.1 | 2.8 | 2.5 |
| C.S. McKee Agg Fixed Income (SMA) Fixed Income Benchmark | 19,634,890 | 1.4 (91) 0.9 | -0.4 (53) -0.5 | 0.1 (59) -0.2 | 2.8 (44) 2.0 | 2.5 (67) 1.8 |
| Cash | 1,122,498 | 0.1 | 0.2 | 0.2 | 0.1 | 0.0 |
| Fifth Third R&D Cash Acct Sweep (MF) | 1,093,684 | 0.1 | 0.2 | 0.2 | 0.1 | 0.0 |
| Fifth Third Fund Acct Cash Sweep (MF) BofA Merrill Lynch 3 Month U.S. T-Bill | 28,815 | 0.0 0.2 | 0.0 0.4 | 0.0 0.5 | 0.0 0.2 | 0.0 0.2 |

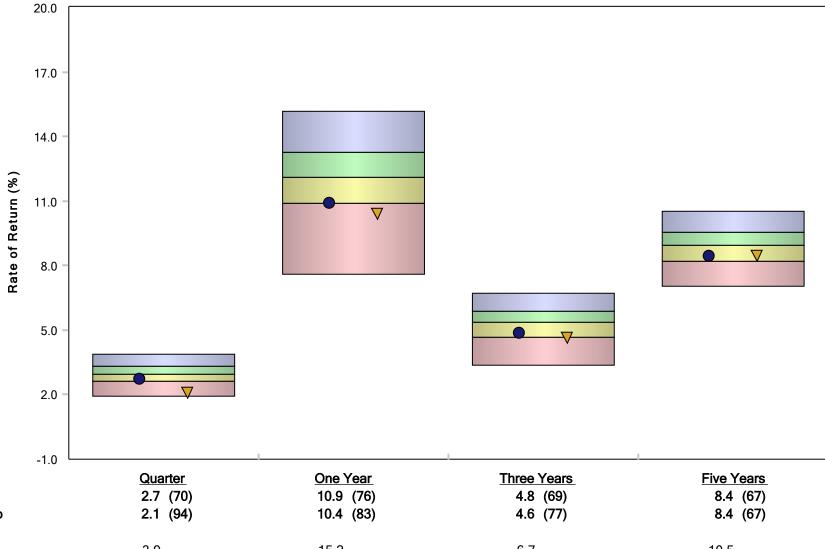
¹ Model Portfolio: From 4/2014 10% R1000 Value, 10% R1000 Growth, 8% ML Converts ex144A, 12% S&P 400 Mid cap, 15% MSCI EAFE, 5% Wilshire REIT, 5% NCREIF ODCE, 5% Alerian MLP, 25% BC Int Agg Bond, 5% 1-10 yr TIPS. Prior from 4/2012 10% R1000 Value, 10% R1000 Growth, 8% ML Converts ex144A, 12% S&P 400 Mid cap, 15% MSCI EAFE, 5% Wilshire REIT, 5% NCREIF ODCE, 30% BC Agg Bond, 5% 1-10 yr TIPS; From 1/2010 14% R1000 Value, 14% R1000 Growth, 12% S&P 400 Mid cap, 15% MSCI EAFE, 5% Wilshire REIT, 35% BC Agg Bond, 5% 1-10 yr TIPS; From 5/07 45% R3000, 10% EAFE, 10% Wilshire REIT, 35% LBAG; from 4/04 50% R3000, 10% EAFE,10% Wilshire REIT,30% LB Int Ag; from 4/03 45% R3000,10% EAFE,10% Wilshire REIT,35% LB Int Ag; from 1/03 60% S&P 500,40% ML Dom Bd; and from 6/02 50% S&P 500,50% ML Dom Bd.

Note: The Fifth Third R&D cash account was increased by \$1,000,000 as of 12/31/16 due to the redemption from American Core Realty.



² Fixed Income Bnch: From 2/2014 100% BC Intermediate Aggregate; prior from 4/2012 100% BC Agg. Bond; From 5/07 100% LBAG; from 4/03 100% LB Int Agg; from 6/02 100% ML Dom Bd.

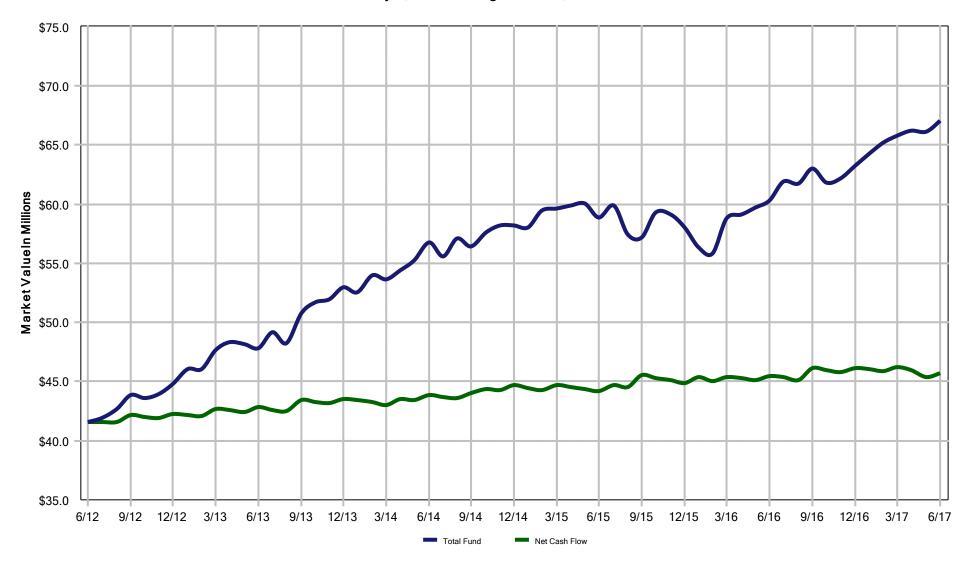
Jupiter Police Officers' Retirement Fund Peer Universe Quartile Ranking June 30, 2017

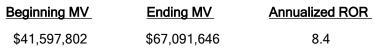


| | <u>Quarter</u> | One Year | Three Years | Five Years | |
|------------------------------|----------------|-----------|-------------|------------|--|
| Total Fund | 2.7 (70) | 10.9 (76) | 4.8 (69) | 8.4 (67) | |
| ▼ Model Portfolio | 2.1 (94) | 10.4 (83) | 4.6 (77) | 8.4 (67) | |
| 5th Percentile | 3.9 | 15.2 | 6.7 | 10.5 | |
| 1st Quartile | 3.3 | 13.3 | 5.9 | 9.5 | |
| Median | 3.0 | 12.1 | 5.4 | 8.9 | |
| 3rd Quartile | 2.6 | 10.9 | 4.7 | 8.2 | |
| 95th Percentile | 1.9 | 7.6 | 3.3 | 7.0 | |



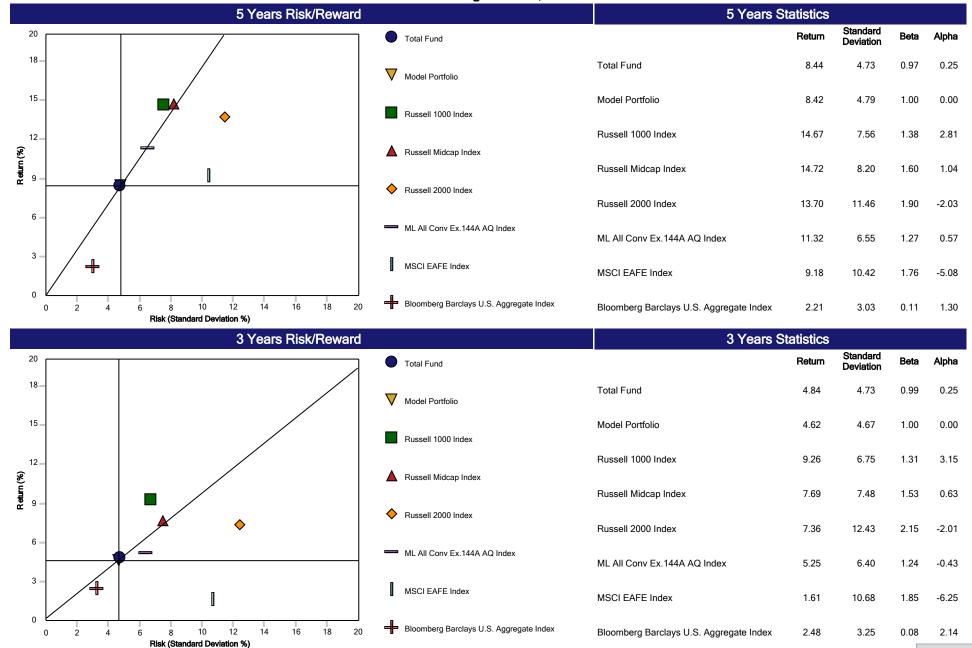
Jupiter Police Officers' Retirement Fund Growth of Investments July 1, 2012 Through June 30, 2017



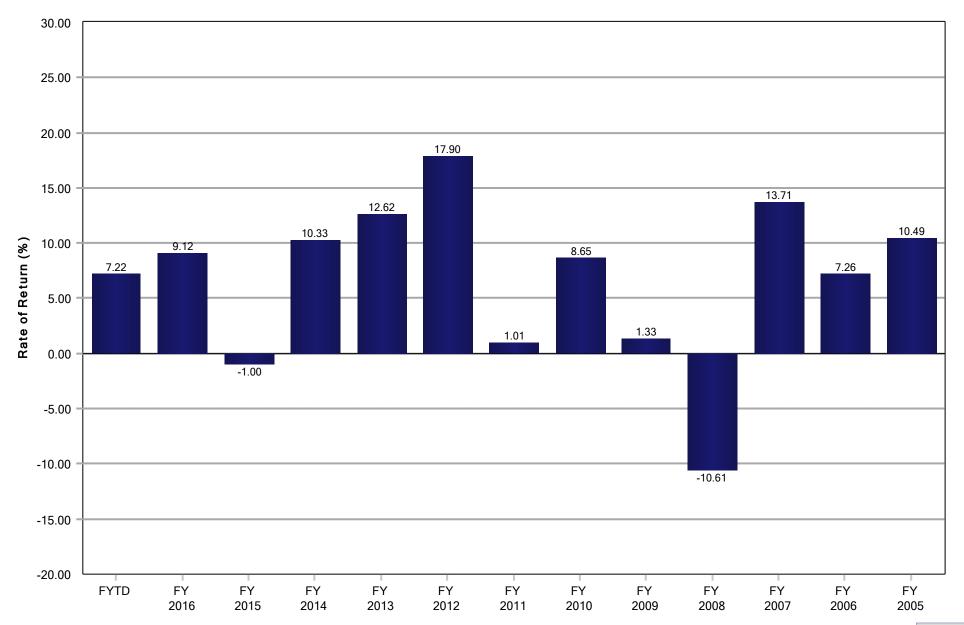




Jupiter Police Officers' Retirement Fund Capital Market Line Period Ending June 30, 2017

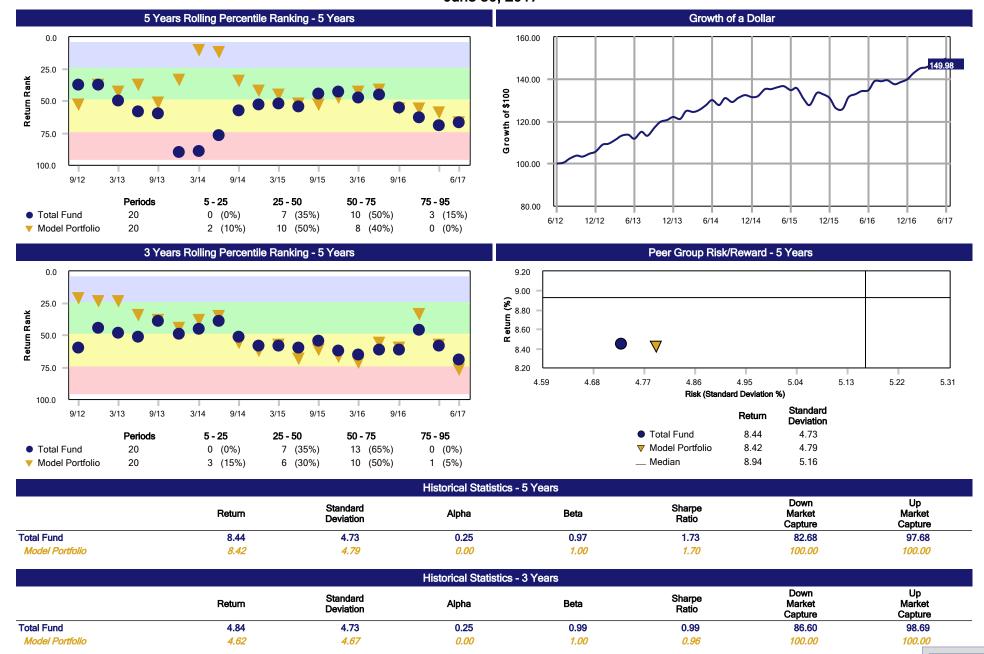


Jupiter Police Officers' Retirement Fund Fiscal Year Rates of Return June 30, 2017



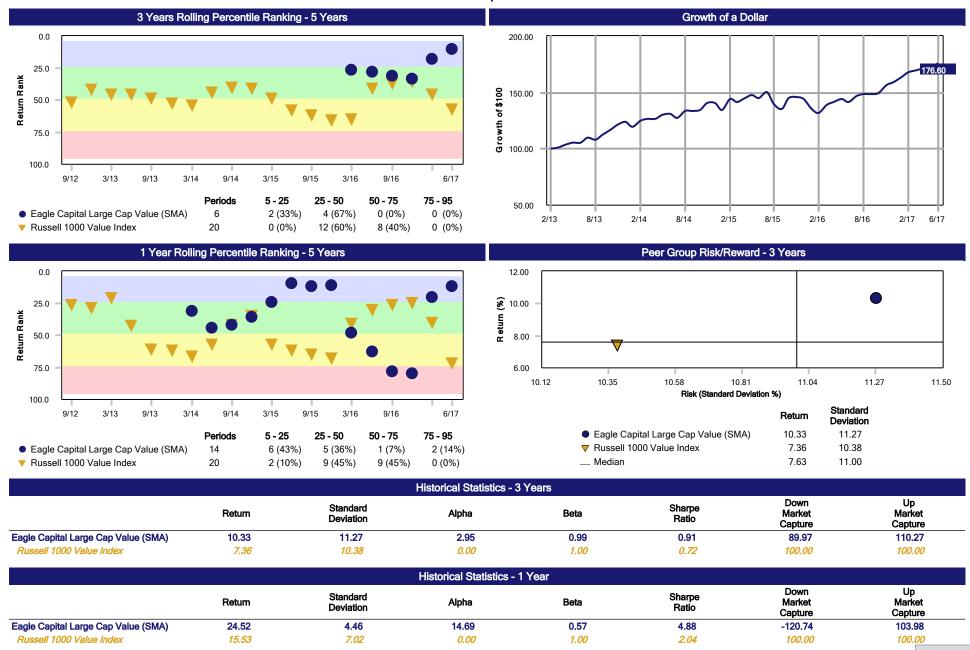


Jupiter Police Officers' Retirement Fund Total Fund June 30, 2017



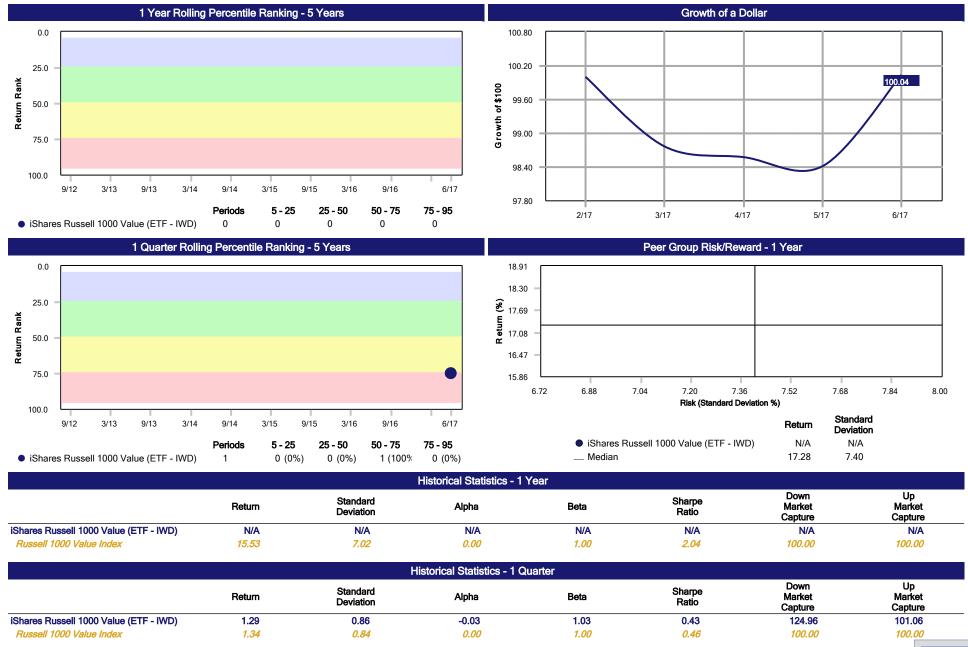


Jupiter Police Officers' Retirement Fund Eagle Capital Large Cap Value (SMA) June 30, 2017

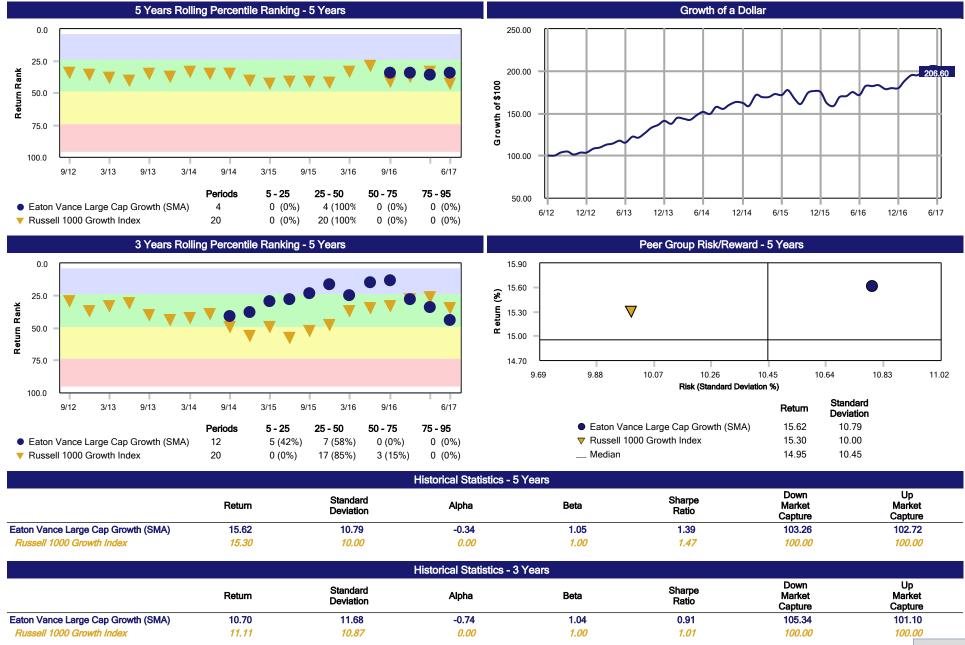




Jupiter Police Officers' Retirement Fund iShares Russell 1000 Value (ETF - IWD) June 30, 2017

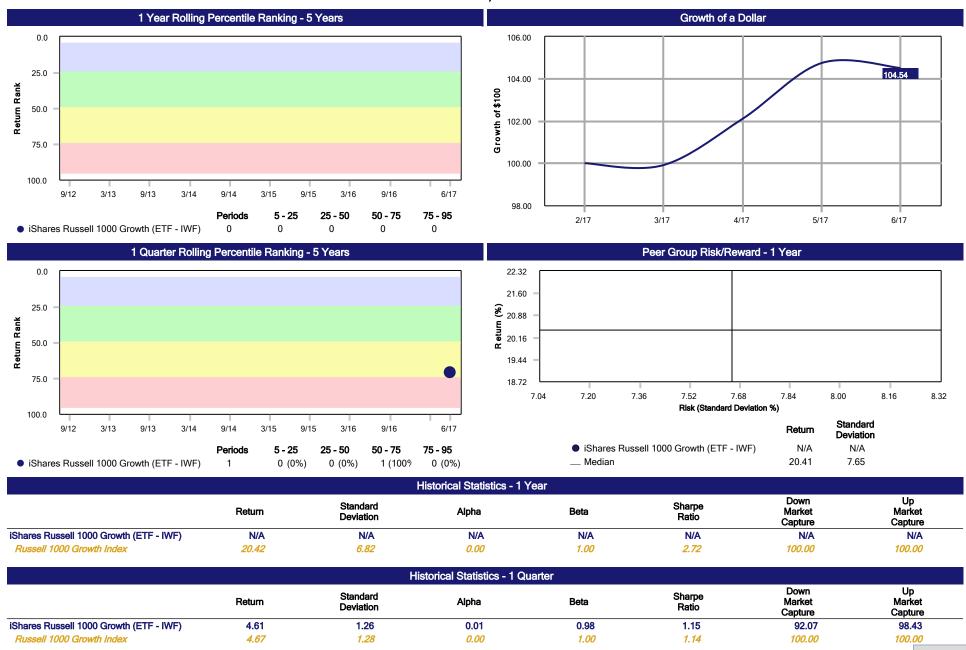


Jupiter Police Officers' Retirement Fund Eaton Vance Large Cap Growth (SMA) June 30, 2017

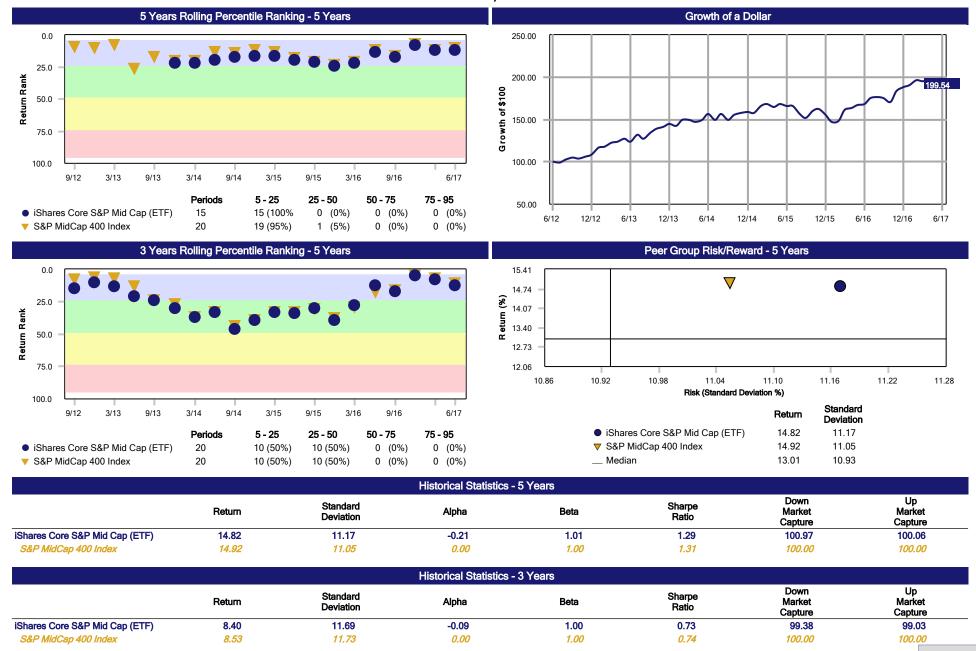




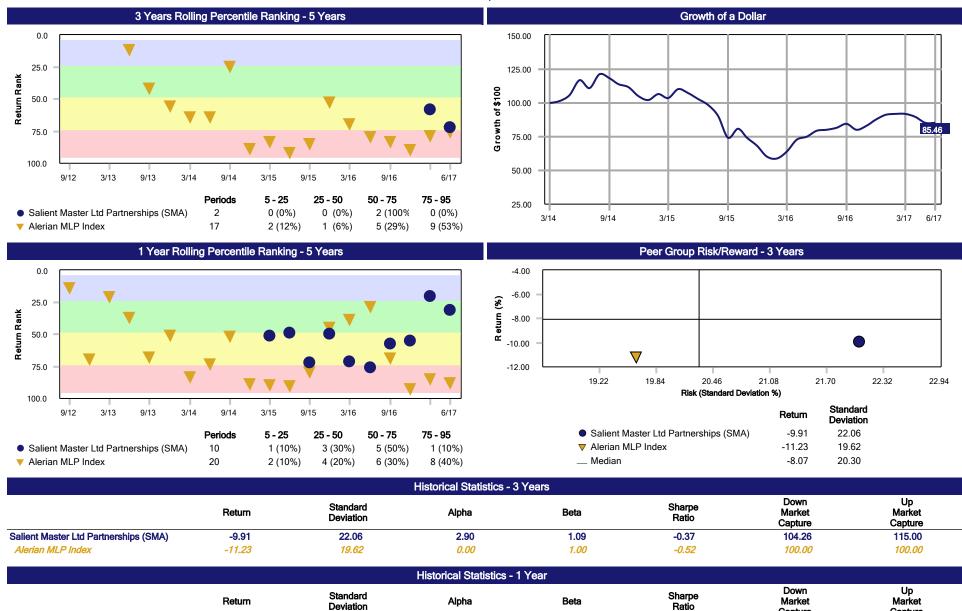
Jupiter Police Officers' Retirement Fund iShares Russell 1000 Growth (ETF - IWF) June 30, 2017



Jupiter Police Officers' Retirement Fund iShares Core S&P Mid Cap (ETF) June 30, 2017



Jupiter Police Officers' Retirement Fund Salient Master Ltd Partnerships (SMA) June 30, 2017



Capture

128.88

100.00

Capture

76.59

100.00

1.06

1.00

0.69

0.04

7.51

0.00

Salient Master Ltd Partnerships (SMA)

Alerian MLP Index

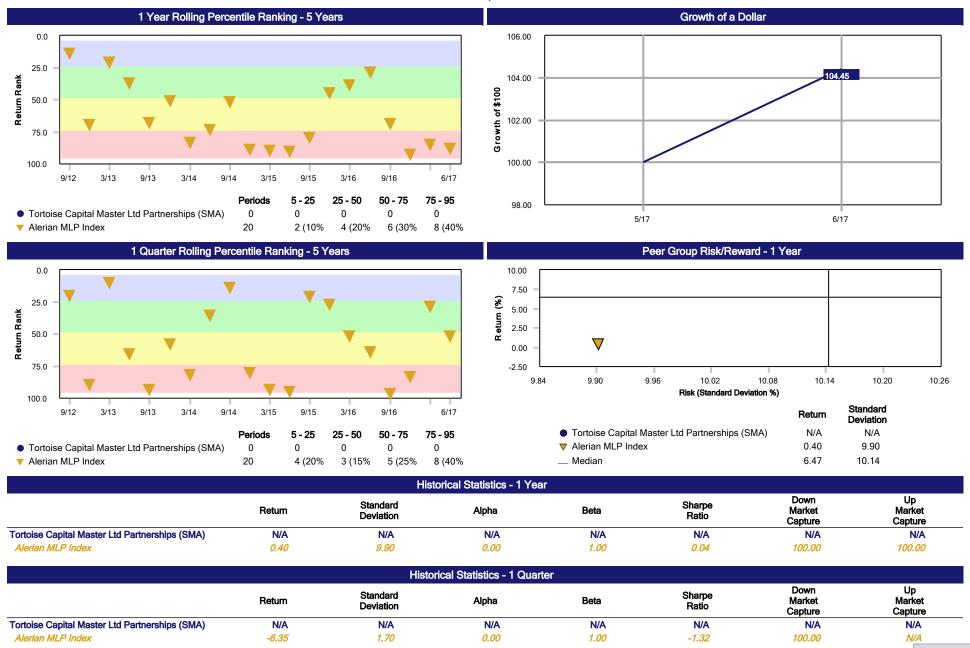
7.84

0.40

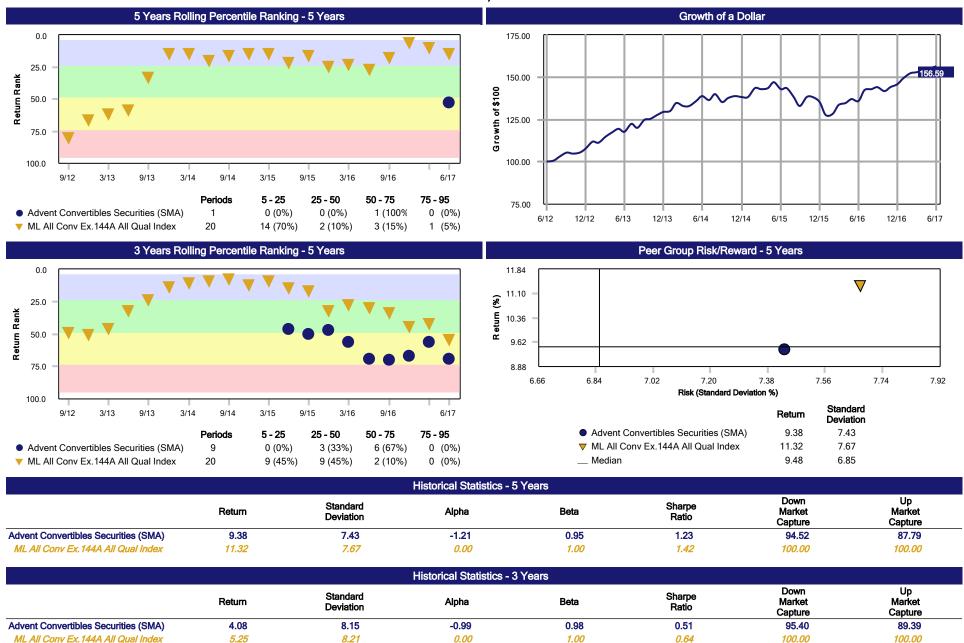
11.24

9.90

Jupiter Police Officers' Retirement Fund Tortoise Capital Master Ltd Partnerships (SMA) June 30, 2017

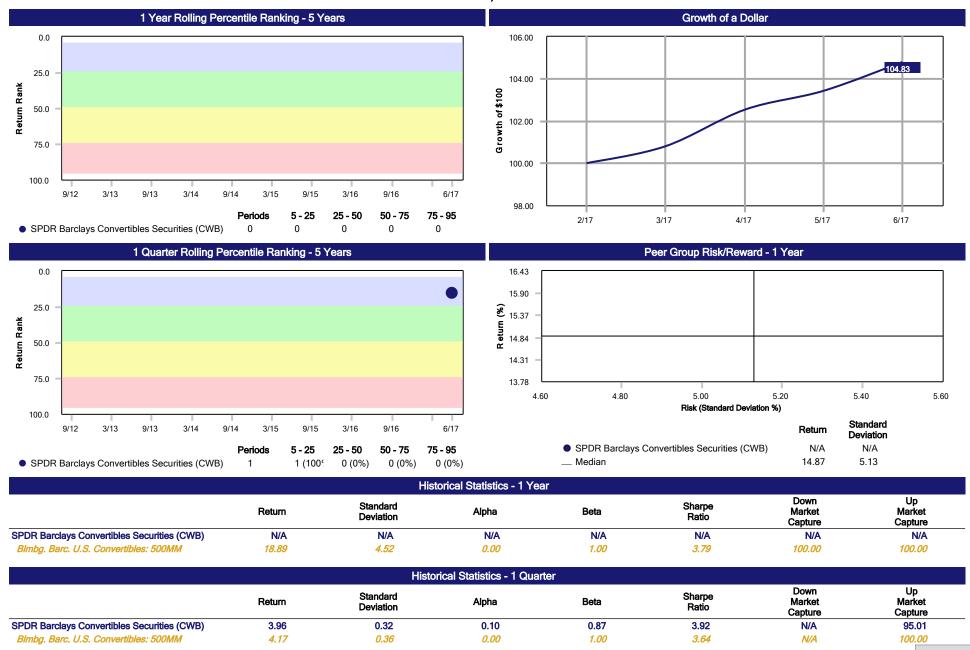


Jupiter Police Officers' Retirement Fund Advent Convertibles Securities (SMA) June 30, 2017

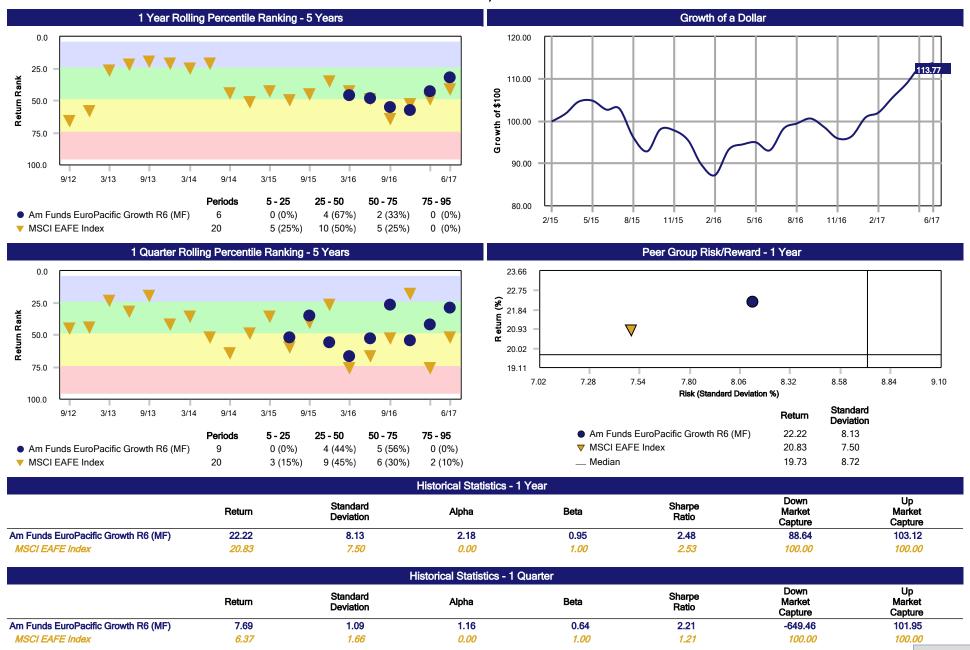




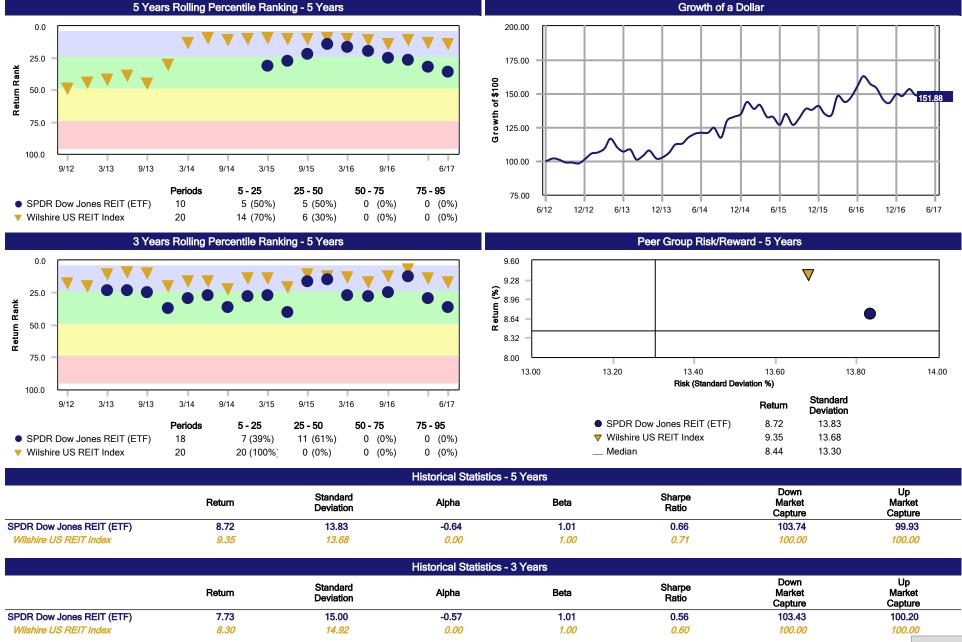
Jupiter Police Officers' Retirement Fund SPDR Barclays Convertibles Securities (CWB) June 30, 2017



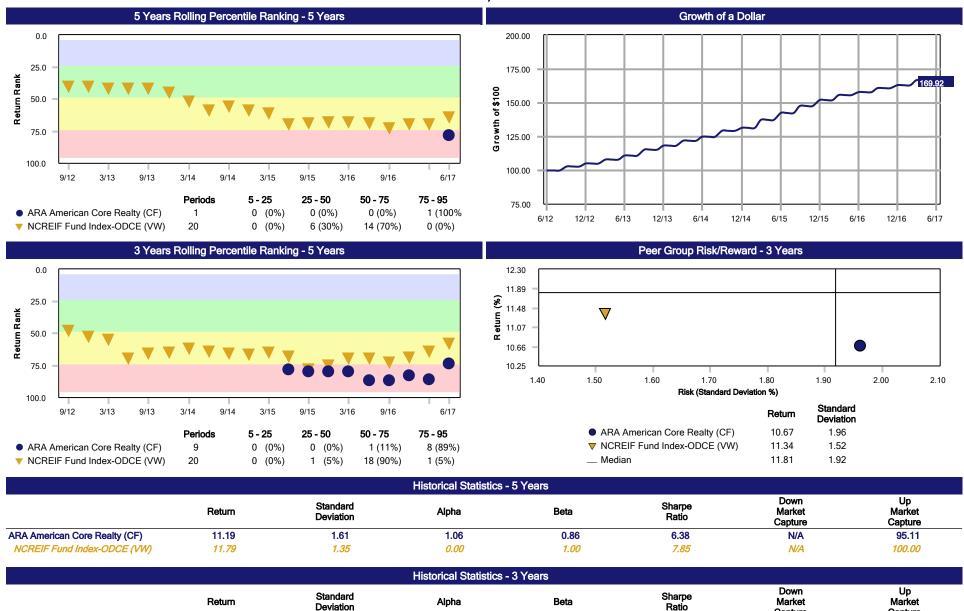
Jupiter Police Officers' Retirement Fund Am Funds EuroPacific Growth R6 (MF) June 30, 2017



Jupiter Police Officers' Retirement Fund SPDR Dow Jones REIT (ETF) June 30, 2017



Jupiter Police Officers' Retirement Fund ARA American Core Realty (CF) June 30, 2017





Capture

94.38

100.00

Capture

N/A

N/A

0.94

1.00

5.00

6.64

0.01

0.00

ARA American Core Realty (CF)

NCREIF Fund Index-ODCE (VW)

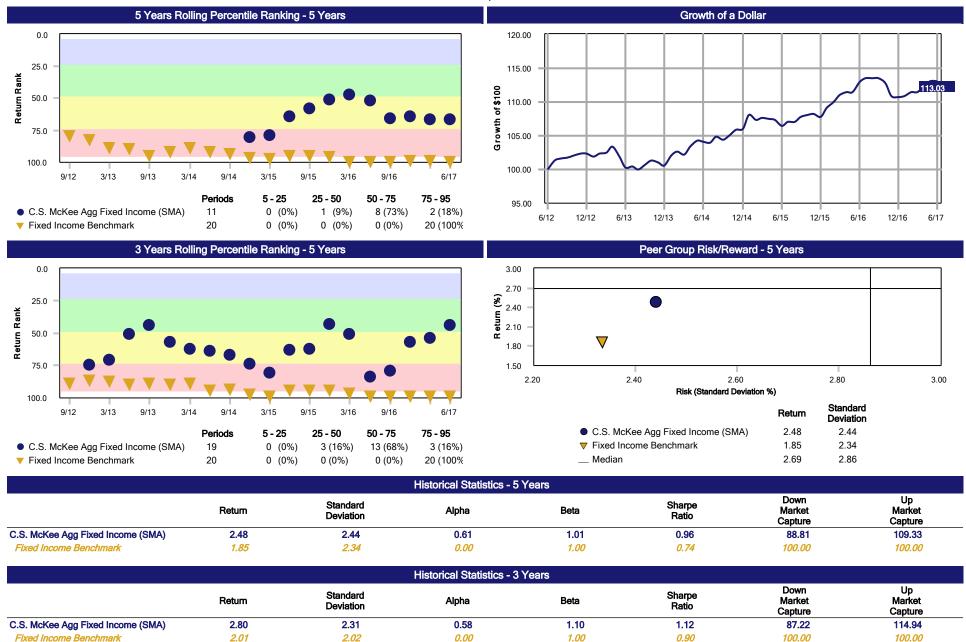
10.67

11.34

1.96

1.52

Jupiter Police Officers' Retirement Fund C.S. McKee Agg Fixed Income (SMA) June 30, 2017





Jupiter Police Officers' Retirement Fund Glossary June 30, 2017

- -ACCRUED INTEREST- Bond interest earned since the last interest payment, but not yet received.
- -ALPHA- A linear regressive constant that measures expected return independent of Beta.
- -ASSET ALLOCATION- The division of portfolio asset classes in order to achieve an expected investment objective.
- -BALANCED UNIVERSES Public Funds, Endowments & Foundations, Corporate peer groups, and PSN peer groups.
- -BETA- A measure of portfolio sensitivity (volatility) in relation to the market, based upon past experience.
- -BOND DURATION- A measure of portfolio sensitivity to interest rate risk.
- -COMMINGLED FUND- An investment fund which is similar to a mutual fund in that investors are permitted to purchase and redeem units that represent ownership in a pool of securities.
- -CONVERTIBLE BONDS Hybrid securities' that offer equity returns during rising equity markets and improved down-market protection.
- -CORE- An equal weighting in both growth and value stocks.
- -CORRELATION COEFFICIENT- A measure of how two assets move together. The measure is bounded by +1 and -1; +1 means that the two assets move together positively, while a measure of -1 means that the assets are perfectly negatively correlated.
- -GROWTH MANAGER- Generally invests in companies that have either experienced above-average growth rates and/or are expected to experience above-average growth rates in the future. Growth portfolios tend to have high price/earnings ratios and generally pay little to no dividends.
- -INDEXES- Indexes are used as "independent representations of markets" (e.g., S&P 500).
- -INFORMATION RATIO- Annualized excess return above the benchmark relative to the annualized tracking error.
- -LARGE CAP- Generally, the term refers to a company that has a market capitalization that exceeds \$10 billion.
- -MANAGER UNIVERSE- A collection of quarterly investment returns from various investment management firms that may be subdivided by style (e.g. growth, value, core).
- -MID CAP- Generally, the term refers to a company that has a market capitalization between \$2 and \$10 billion.
- -NCREIF A quarterly time series composite total rate of return measure of investment performance of a large pool of individual commercial real estate properties acquired in the private market for investment purposes only.
- -NCREIF ODCE Open End Diversified Core Equity index which consists of historical and current returns from 26 open-end commingled funds pursuing core strategy. This index is capitalization weighted, time weighted and gross of fees.
- -NET- Investment return accounts only for manager fees.
- -PROTECTING FLORIDA INVESTMENT ACT (PFIA) SBA publishes a list of prohibited investments (scrutinized companies).
- -RATE OF RETURN- The percentage change in the value of an investment in a portfolio over a specified time period, excluding contributions.
- -RISK MEASURES- Measures of the investment risk level, including beta, credit, duration, standard deviation, and others that are based on current and historical data.
- -R-SQUARED- Measures how closely portfolio returns and those of the market are correlated, or how much variation in the portfolio returns may be explained by the market. An R2 of 40 means that 40% of the variation in a fund's price changes could be attributed to changes in the market index over the time period.



Jupiter Police Officers' Retirement Fund Glossary June 30, 2017

- -SHARPE RATIO- The ratio of the rate of return earned above the risk-free rate to the standard deviation of the portfolio. It measures the number of units of return per unit of risk.
- -SMALL CAP- Generally refers to a company with a market capitalization \$300 million to \$2 billion.
- -STANDARD DEVIATION- Measure of the variability (dispersion) of historical returns around the mean. It measures how much exposure to volatility was experienced by the implementation of an investment strategy.
- -SYSTEMATIC RISK- Measured by beta, it is the risk that cannot be diversified away (market risk).
- -TIME WEIGHTED (TW) RETURN A measure of the investments versus the investor. When there are no flows the TW & DOLLAR weighted (DW) returns are the same and vice versa.
- -TRACKING ERROR- A measure of how closely a manager's performance tracks an index; it is the annualized standard deviation of the differences between the quarterly returns for the manager and the benchmark.
- -TREYNOR RATIO- A measure of reward per unit of risk. (excess return divided by beta).
- -UP AND DOWN-MARKET CAPTURE RATIO- Ratio that illustrates how a manager performed relative to the market during rising and declining market periods.
- -VALUE MANAGER- Generally invests in companies that have low price-to-earnings and price-to-book ratios and/or above-average dividend yields.



Jupiter Police Officers' Retirement Fund Disclosure June 30, 2017

Advisory services are offered through or by Burgess Chambers and Associates, Inc., a registered SEC investment advisor.

Performance Reporting:

- 1. Changes in portfolio valuations due to capital gains or losses, dividends, interest, income and management fees are included in the calculation of returns. All calculations are made in accordance with generally accepted industry standards.
- 2. Transaction costs, such as commissions, are included in the purchase cost or deducted from the proceeds or sale of a security. Differences in transaction costs may affect comparisons.
- 3.Individual client returns may vary due to a variety of factors, including differences in investment objectives, asset allocating and timing of investment decisions.
- 4.Performance reports are generated from information supplied by the client, custodian, and/or investment managers. BCA relies upon the accuracy of this data when preparing reports.
- 5. The market indexes do not include transaction costs, and an investment in a product similar to the index would have lower performance dependent upon costs, fees, dividend reinvestments, and timing. Benchmarks and indexes are for comparison purposes only, and there is no assurance or guarantee that such performance will be achieved.
- 6.Performance information prepared by third party sources may differ from that shown by BCA. These differences may be due to different methods of analysis, different time periods being evaluated, different pricing sources for securities, treatment of accrued income, treatment of cash, and different accounting procedures.
- 7.Certain valuations, such as alternative assets, ETF, and mutual funds, are prepared based on information from third party sources, the accuracy of such information cannot be guaranteed by BCA. Such data may include estimates and maybe subject to revision.
- 8.BCA has not reviewed the risks of individual security holdings.
- 9.BCA investment reports are not indicative of future results.
- Performance rankings are time sensitive and subject to change.
- 11. Mutual Fund (MF) and ETF returns are presented net of fees and ranked in net of fee universes.
- 12. Separately Managed Account (SMA) and Commingled Fund (CF) returns are presented gross of fees and ranked in gross of fees universes.
- 13. Composite returns are reported gross of fees and ranked in universes that encompass both gross and net of fee returns.
- 14. Total Fund returns are presented gross of fees and ranked in a gross of fee universe.
- 15. For a free copy of Part II (mailed w/i 5 bus. days from request receipt) of Burgess Chambers & Associates, Inc.'s most recent Form ADV which details pertinent business procedures, please contact: 407-644-0111, info@burgesschambers.com, 315 East Robinson Street Suite #690, Orlando, Florida 32801.

