

Investment Performance Review
Period Ending September 30, 2018

Southfield Employees' Retirement System



EXECUTIVE SUMMARY: 3Q 2018

Market Summary:

The US equity market posted strong results for the second consecutive quarter, driven by strong economic growth and higher corporate earnings. Large cap stocks generated the strongest results (S&P 500 up 7.7%), followed by mid-caps and small-caps. The markets were led by growth-oriented sectors - information technology, health care, and consumer discretionary. The international markets did not fully participate in the US rally, weighed down by slowing growth in China, political uncertainty in Europe (Brexit and Italy), and a strengthening dollar (MSCI EAFE Index up 1.4%; MSCI Emerging Market Index down 1.1%). The fixed income market was flat during the quarter (BB Aggregate 0.0%); Treasuries suffered minor losses while lower credit quality issues delivered positive results. The Federal Reserve hiked interest rates for the third time this year in September and the yield curve shifted upward; at quarter end the Fed Funds Rate was 2.00% - 2.25%.

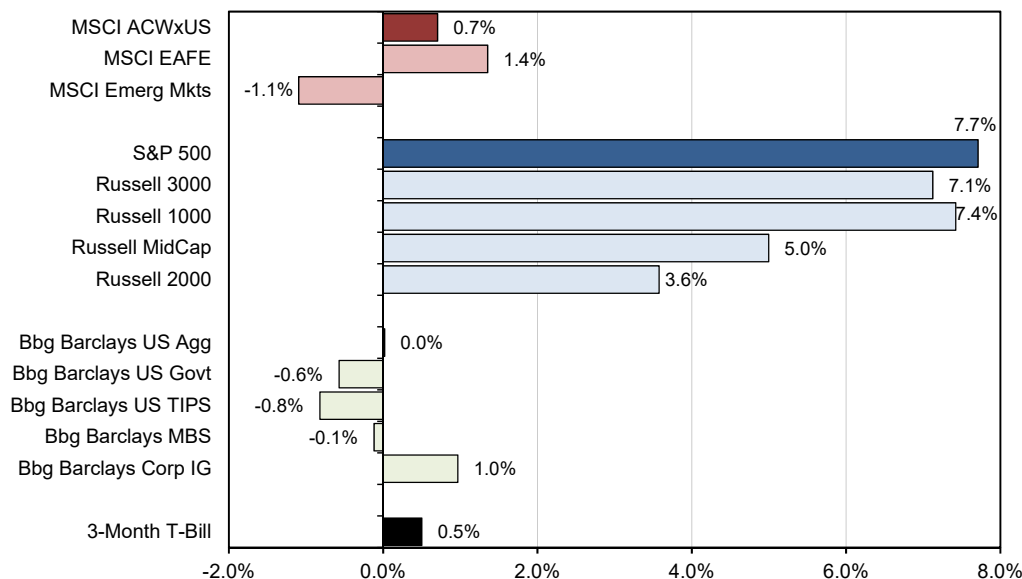
Conclusions/Recommendations:

1. The Total Fund returned 3.06% during the quarter, narrowly trailing the Policy Index by 7 basis points and ranking near the median fund in the Public Fund universe. The Fund was hindered by weak performance from SouthernSun.
2. The Total Fund posted a return of 8.56% over the past year, performing in line with the Policy Index and ranking in the top half of the peer group. Longer-term, the Fund has performed very well, generally exceeding the Policy Index and ranking in the top decile of the peer group.
3. SouthernSun trailed expectations again this quarter. The manager has been on "Watch" for several quarters and a search has been initiated to review possible replacement candidates.
4. Champlain (mid cap) and WCM (intl equity) have generated relatively strong results within their asset class over the past 12 months.
5. Bloomfield Capital, Metropolitan, and BTG/RMK have not yet reported their third quarter 2018 results (about 9% of the portfolio); these strategies are expected to have a positive impact on the Total Fund. As of 9/30/18, the Plan has outstanding investment commitments with Bloomfield Capital V.
6. The Fund is slightly below the minimum allocation to domestic fixed income (8.6% vs. 10.0%); see AndCo's rebalancing recommendation on the Asset/Manager Summary handout. We did not detect any other violations of investment policies.

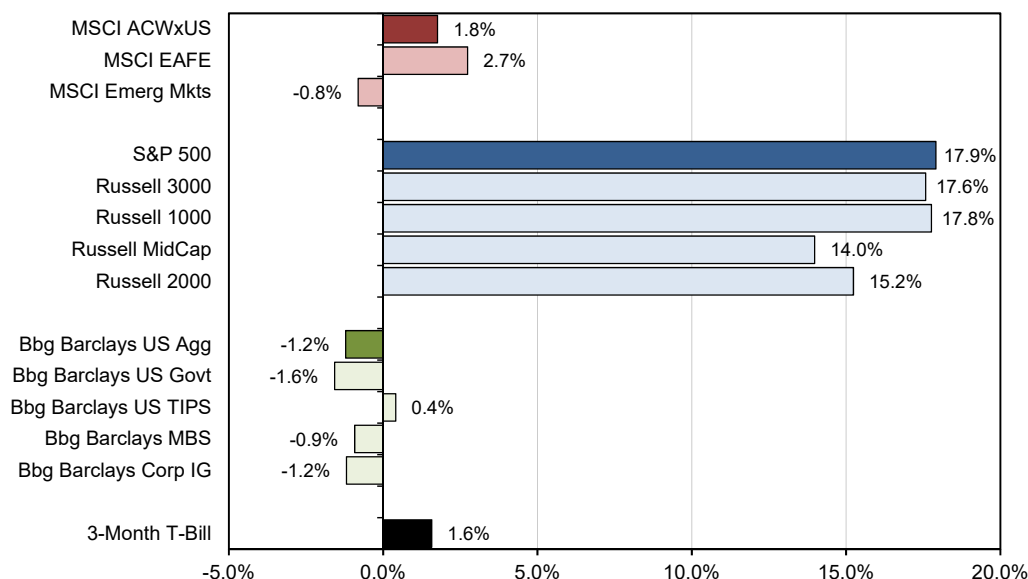
3rd Quarter 2018 Market Environment

- Market returns were mixed across major equity and fixed income indices for the 3rd quarter of 2018 with many themes from the 2nd quarter repeating during the current period. Broad domestic equity indices pushed higher on continued strength in both economic and corporate earnings data. Corporate earnings continue to benefit from fiscal stimulus tailwinds in the form of the late 2017 tax reform. International indices underperformed domestic indices during the period, posting more muted returns in US dollar (USD) terms, as investors weighed relatively soft economic data, a strengthening USD and geopolitical concerns, especially around global trade relations. Fixed income returns were flat for the quarter as interest rates continued to rise. Domestic stocks rose as concerns around ongoing monetary policy tightening by the Federal Reserve (Fed) and an escalating trade war between the US and China were not substantial enough to dampen investor enthusiasm around the ongoing strength of the US economy. The US stock market represented by the Russell 3000 Index returned 7.1% and 17.6% for the quarter and 1-year period respectively.
- International equity returns finished the quarter slightly positive with the MSCI ACWI ex US Index returning 0.7%. Developed market stocks pushed higher through the period, however, relatively subdued economic growth and ongoing political and trade uncertainty tempered returns versus domestic equities. The developed market MSCI EAFE Index gained 1.4% during the quarter. Emerging market stocks struggled in comparison, posting negative returns for the period, as trade tensions grew between the US and China. In addition, a strengthening USD caused headwinds for most international markets, but caused particular difficulties for emerging market countries that issue debt in USD. The MSCI Emerging Markets Index posted a small decline of -1.1% during the 3rd quarter. The relative outperformance of developed markets can also be seen in the 1-year period with the MSCI EAFE and MSCI Emerging Markets indices returning 2.7% and -0.8% respectively.
- Interest rates on the US Treasury Yield Curve continued their year-to-date rise during the 3rd quarter as investor expectations for further Fed tightening of monetary policy increased during the period. The yield curve did flatten slightly as interest rates had the greatest increase in short-term maturities, but overall, the shift in rates was fairly consistent throughout the entire curve. The Fed did implement another interest rate increase following their September meeting citing the continued strength of the US economy and stable inflation. The broad market Bloomberg Barclays US Aggregate Index was flat for the quarter returning 0.0% and is slightly negative over the 1-year period returning -1.2%. Corporate issues rebounded following underperformance during the first half of the year and were the only investment grade sector to post a positive return during the quarter, as they benefitted from tightening credit spreads and strong investor demand.

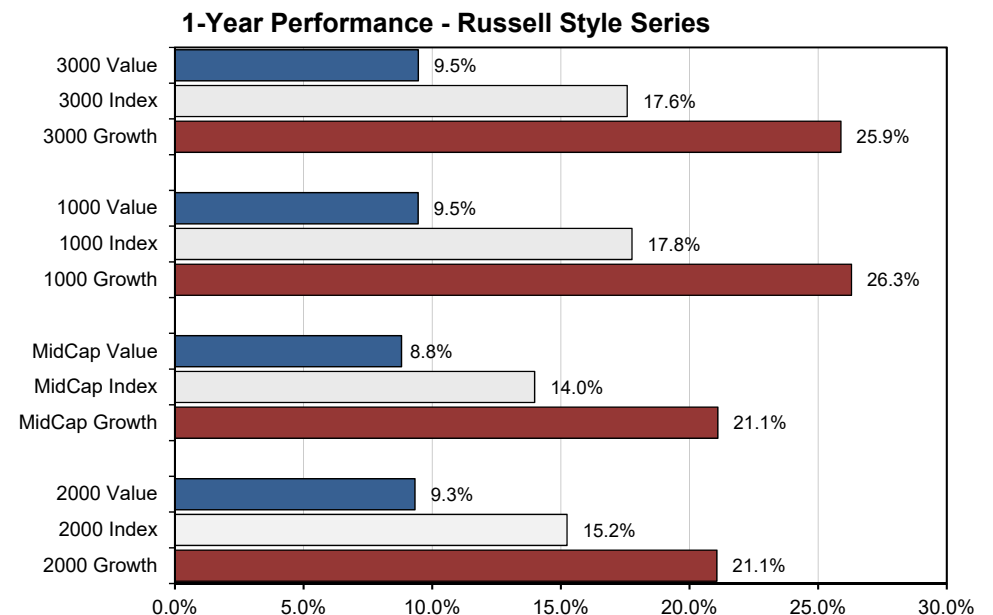
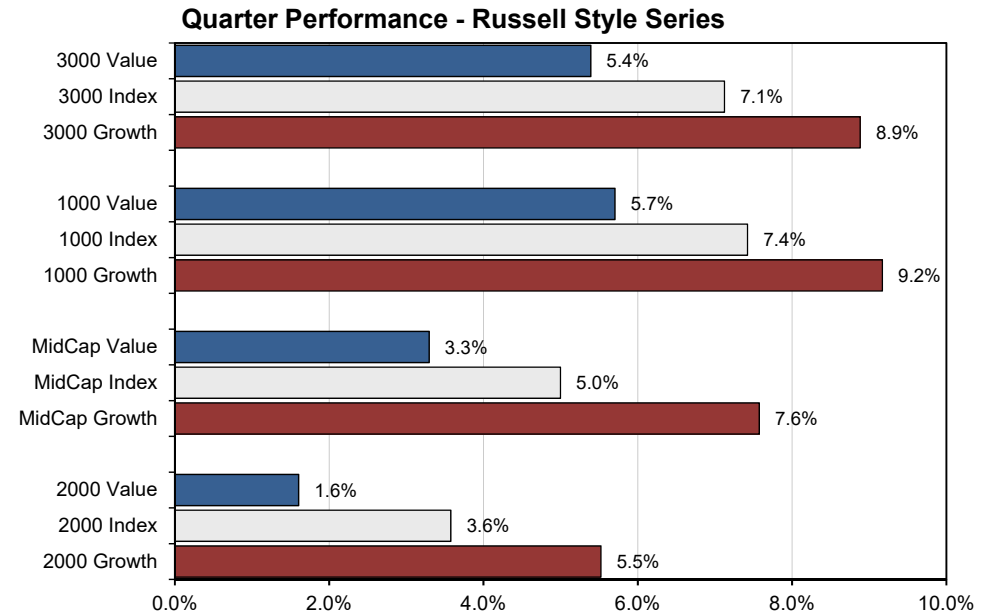
Quarter Performance



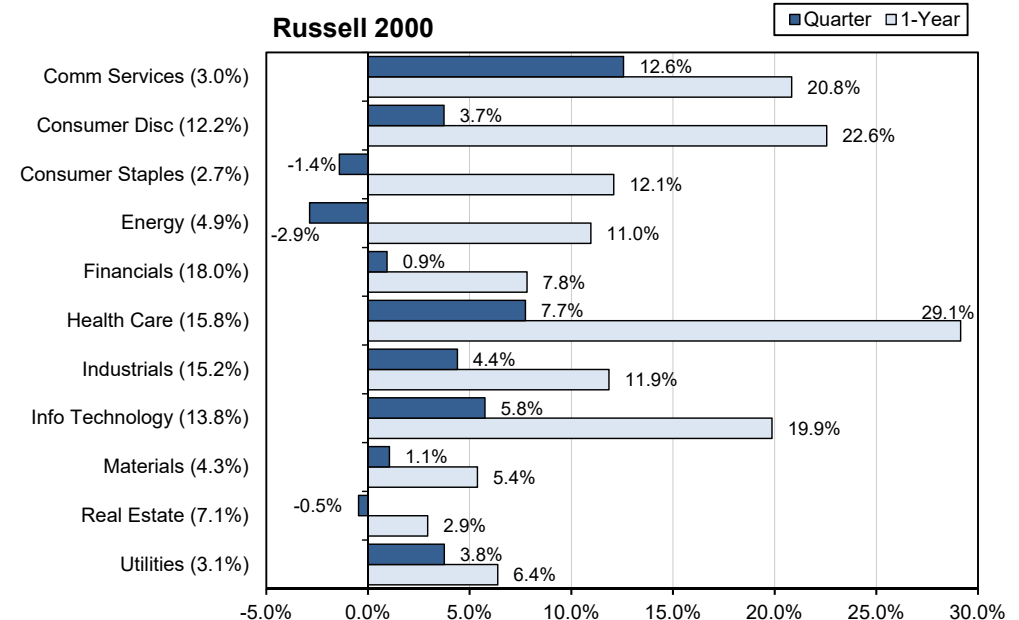
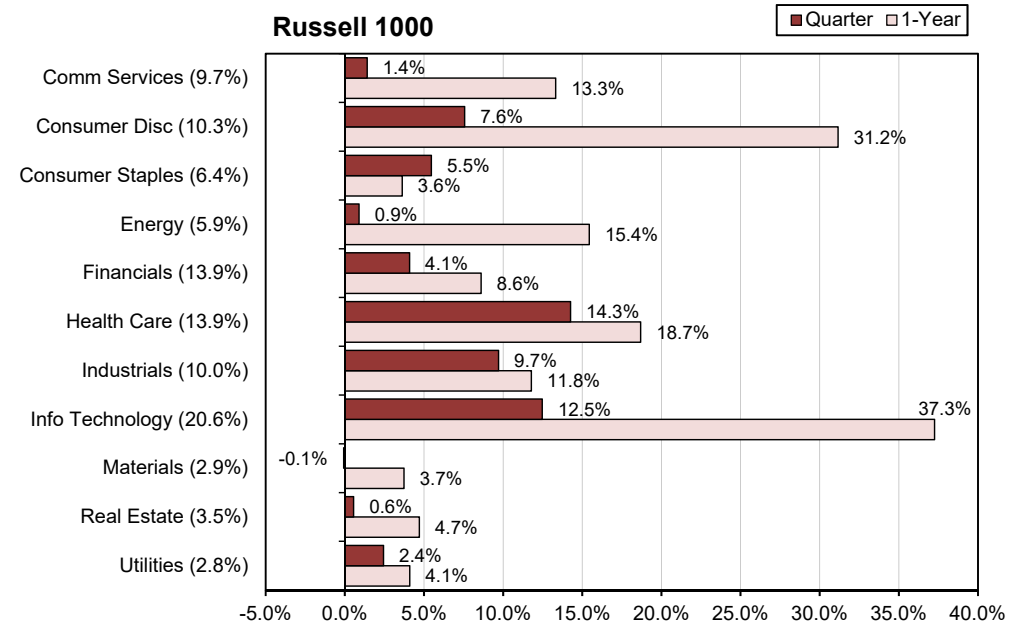
1-Year Performance



- US equity index returns were positive across the style and capitalization spectrum during the 3rd quarter of 2018. US equity markets were pushed higher by the ongoing strength in US economic data and corporate earnings. Positive data releases in GDP, unemployment, retail sales, consumer consumption and investor sentiment highlighted the continued health of the US economy. Corporate earnings released during the quarter were also impressive. Earnings reported for S&P 500 companies were up over 20% on a year-over-year basis for the second straight quarter as corporate profits continued to benefit from the new tax code. The current expansion in US equity markets now marks the longest bull market in history. While the positive economic data drove returns through the quarter, trade negotiations with China broke down with both the US and China instituting several rounds of new tariffs during the period. Currently the US is imposing tariffs on \$250 billion of Chinese imports with China placing tariffs on \$110 billion worth of goods. Further action has been threatened by both countries. While negotiations with China have been unsuccessful, progress was made in the renegotiation of the North American Free Trade Agreement (NAFTA) and discussions with the European Union (EU) appear to be moving ahead productively.
- During the quarter, large cap stocks outperformed mid and small cap equities across growth, value and core indices. The large cap Russell 1000 Index returned 7.4% for the quarter versus a 3.6% return for the Russell 2000 Index. The Russell 1000 benefitted from strong performance from some of its largest exposures. Apple Inc, Microsoft Corp and Amazon.com Inc alone make up over 10% of the index and posted quarterly returns of 22.4%, 16.4% and 17.8% respectively. Those same three stocks have gained 48.7%, 56.3% and 108.4% over the 1-year period. This strong performance from some of the index's largest constituents has helped large caps outperform small caps over the 1-year period as well with the Russell 1000 returning 17.8% over the trailing year while the Russell 2000 posted a still solid return of 15.2%.
- Growth stocks outperformed value stocks across the market cap spectrum during the 3rd quarter. The large cap Russell 1000 Growth Index was the best performing style index for the period returning a notable 9.2% for the quarter. The outperformance of growth indices relative to value indices is also evident over the 1-year period as growth indices continue to show significant outperformance relative to their value counterparts. The returns for growth indices more than double the returns of the corresponding value indices over the last 12 months. Growth benchmarks benefitted from larger exposures to more cyclical names within the information technology, consumer discretionary, health care and industrials sectors. They also benefitted from underweights to more defensive sectors such as REITs and utilities.



- Both S&P Dow Jones Indices and MSCI made changes to the Global Industry Classification Standard (GICS) sector configurations of their indices, creating a new GICS sector classification called Communication Services which replaced the Telecommunications sector on September 28, 2018. The Communication Services sector is comprised of companies in the Telecommunications sector, as well as certain companies formerly classified as Consumer Discretionary and Information Technology. As a result, the sector, went from a weighting of about 2% of the Russell 1000 Index to almost 10% post reclassification. Notable names now classified under Communication Services include Netflix, Alphabet, Facebook and Disney. This is just the second change to the GICS classifications since 1999.
- Sector performance was broadly positive across large cap sectors for the 3rd quarter. Ten of eleven sectors had positive returns for the quarter with four outpacing the Russell 1000 Index return. The consumer discretionary sector continues to do well on the back of strong retail sales and increased consumer spending, gaining 7.6% for the period. Health care and technology stocks increased 14.3% and 12.5% during the quarter respectively, with companies in both sectors reporting strong earnings. Industrials benefitted from continued economic strength returning 9.7%. The largest detractors for the quarter were the materials, real estate and energy sectors which returned -0.1%, 0.6% and 0.9% respectively. Over the trailing 1-year period, all large cap all sectors were positive. The information technology and consumer discretionary sectors were the best performers, returning over 30% over the last 12 months, and six of eleven sectors have returns over 10% for the year.
- Quarterly results for small cap sectors were generally lower relative to their large capitalization counterparts. Nine of eleven economic sectors outpacing the Russell 2000 Index return for the quarter. Energy, consumer staples and real estate posted negative returns for the period returning -2.9%, -1.4% and -0.5% respectively. Communications services and health care were the best performers returning 12.6% and 7.7%. Over the trailing 1-year period, all eleven sectors posted gains. Health care stocks were the best performers within the Russell 2000 for the trailing year returning a solid 29.1%. Communication services, technology, and consumer discretionary also had particularly robust returns for the 1-year period.
- Using S&P 500 sector valuations as a proxy for the market, forward P/E ratios for seven of the eleven GICS sectors were higher than their long-term averages at quarter-end. Using these historical P/E measures, the utilities, consumer discretionary and real estate sectors appear the most extended. In contrast the financials, technology and health care sectors were trading at a discount to their long-term average P/E ratios.



The Market Environment
Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000
As of September 30, 2018

| Top 10 Weighted Stocks | | | | |
|--------------------------|--------|--------------|---------------|------------------------|
| Russell 1000 | Weight | 1-Qtr Return | 1-Year Return | Sector |
| Apple Inc | 3.97% | 22.4% | 48.7% | Information Technology |
| Microsoft Corp | 3.15% | 16.4% | 56.3% | Information Technology |
| Amazon.com Inc | 2.96% | 17.8% | 108.4% | Consumer Discretionary |
| Berkshire Hathaway Inc B | 1.51% | 14.7% | 16.8% | Financials |
| Facebook Inc A | 1.42% | -15.4% | -3.8% | Communication Services |
| JPMorgan Chase & Co | 1.37% | 8.9% | 20.7% | Financials |
| Johnson & Johnson | 1.35% | 14.6% | 9.1% | Health Care |
| Alphabet Inc Class C | 1.32% | 7.0% | 24.4% | Communication Services |
| Alphabet Inc A | 1.31% | 6.9% | 24.0% | Communication Services |
| Exxon Mobil Corp | 1.31% | 3.8% | 7.9% | Energy |

| Top 10 Performing Stocks (by Quarter) | | | | |
|---------------------------------------|--------|--------------|---------------|------------------------|
| Russell 1000 | Weight | 1-Qtr Return | 1-Year Return | Sector |
| Advanced Micro Devices Inc | 0.10% | 106.1% | 142.3% | Information Technology |
| Square Inc A | 0.10% | 60.6% | 243.7% | Information Technology |
| Paycom Software Inc | 0.03% | 57.2% | 107.3% | Information Technology |
| Twilio Inc A | 0.02% | 54.0% | 189.0% | Information Technology |
| Atlassian Corporation PLC A | 0.03% | 53.8% | 173.5% | Information Technology |
| Molina Healthcare Inc | 0.03% | 51.8% | 116.3% | Health Care |
| DexCom Inc | 0.05% | 50.6% | 192.4% | Health Care |
| Match Group Inc | 0.01% | 49.5% | 149.7% | Communication Services |
| Fortinet Inc | 0.05% | 47.8% | 157.4% | Information Technology |
| IAC/InterActiveCorp | 0.06% | 42.1% | 84.3% | Communication Services |

| Bottom 10 Performing Stocks (by Quarter) | | | | |
|--|--------|--------------|---------------|------------------------|
| Russell 1000 | Weight | 1-Qtr Return | 1-Year Return | Sector |
| Floor & Decor Holdings Inc | 0.01% | -38.8% | -22.5% | Consumer Discretionary |
| Twitter Inc | 0.07% | -34.8% | 68.7% | Communication Services |
| IPG Photonics Corp | 0.02% | -29.3% | -15.7% | Information Technology |
| Visteon Corp | 0.01% | -28.1% | -24.9% | Consumer Discretionary |
| Zillow Group Inc A | 0.01% | -26.0% | 10.1% | Communication Services |
| Zillow Group Inc C | 0.02% | -25.1% | 10.0% | Communication Services |
| Western Digital Corp | 0.06% | -23.7% | -30.4% | Information Technology |
| Wynn Resorts Ltd | 0.05% | -23.7% | -13.3% | Consumer Discretionary |
| Extraction Oil & Gas Inc | 0.00% | -23.1% | -26.6% | Energy |
| Tesla Inc | 0.13% | -22.8% | -22.4% | Consumer Discretionary |

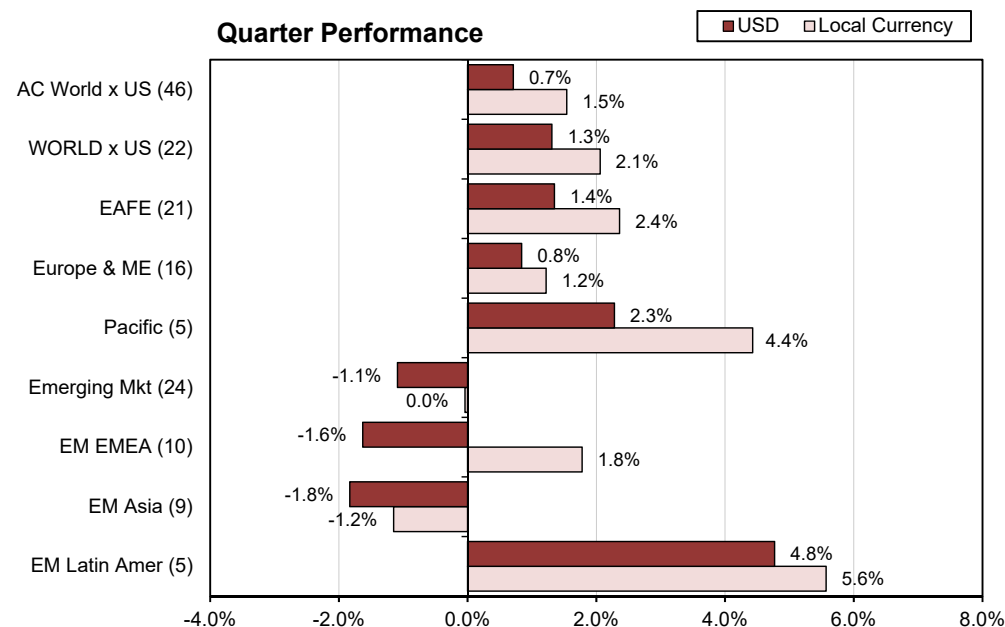
| Top 10 Weighted Stocks | | | | |
|----------------------------------|--------|--------------|---------------|------------------------|
| Russell 2000 | Weight | 1-Qtr Return | 1-Year Return | Sector |
| Five Below Inc | 0.31% | 33.1% | 137.0% | Consumer Discretionary |
| Etsy Inc | 0.27% | 21.8% | 204.4% | Consumer Discretionary |
| Integrated Device Technology Inc | 0.27% | 47.5% | 76.9% | Information Technology |
| LivaNova PLC | 0.27% | 24.2% | 76.9% | Health Care |
| Haemonetics Corp | 0.26% | 27.8% | 155.4% | Health Care |
| Teladoc Health Inc | 0.25% | 48.8% | 160.5% | Health Care |
| Ligand Pharmaceuticals Inc | 0.25% | 32.5% | 101.6% | Health Care |
| HubSpot Inc | 0.24% | 20.4% | 79.6% | Information Technology |
| Primerica Inc | 0.23% | 21.3% | 49.2% | Financials |
| HealthEquity Inc | 0.22% | 25.7% | 86.7% | Health Care |

| Top 10 Performing Stocks (by Quarter) | | | | |
|---------------------------------------|--------|--------------|---------------|------------------------|
| Russell 2000 | Weight | 1-Qtr Return | 1-Year Return | Sector |
| CareDx Inc | 0.04% | 135.7% | 679.7% | Health Care |
| Reata Pharmaceuticals Inc A | 0.07% | 133.8% | 162.9% | Health Care |
| Invitae Corp | 0.05% | 127.6% | 78.5% | Health Care |
| RigNet Inc | 0.01% | 97.6% | 18.3% | Energy |
| Tandem Diabetes Care Inc | 0.10% | 94.6% | 486.8% | Health Care |
| Health Insurance Innovations Inc | 0.03% | 90.6% | 325.2% | Financials |
| Funko Inc Class A | 0.01% | 88.8% | N/A | Consumer Discretionary |
| LSB Industries Inc | 0.01% | 84.5% | 23.2% | Materials |
| Viking Therapeutics Inc | 0.04% | 83.6% | 812.0% | Health Care |
| Ra Pharmaceuticals Inc | 0.01% | 81.8% | 23.9% | Health Care |

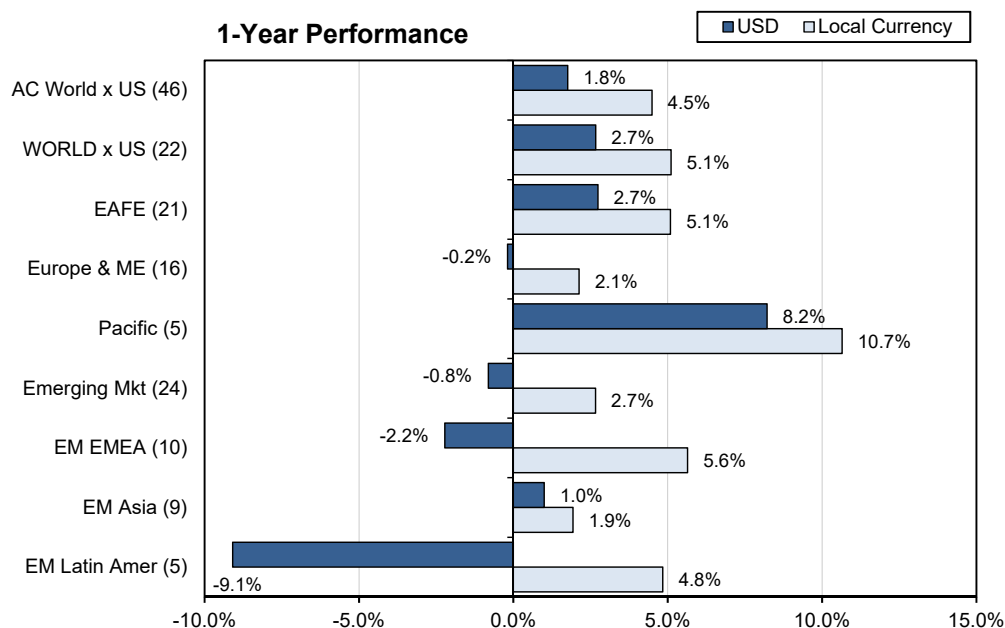
| Bottom 10 Performing Stocks (by Quarter) | | | | |
|--|--------|--------------|---------------|------------------------|
| Russell 2000 | Weight | 1-Qtr Return | 1-Year Return | Sector |
| Vital Therapies Inc | 0.00% | -96.0% | -94.5% | Health Care |
| GTx Inc | 0.00% | -89.7% | -81.4% | Health Care |
| Ampio Pharmaceuticals Inc | 0.00% | -76.9% | -16.9% | Health Care |
| Innovate Biopharmaceuticals Inc | 0.01% | -71.0% | -2.4% | Health Care |
| Zion Oil & Gas Inc | 0.00% | -68.4% | -62.5% | Energy |
| Endologix Inc | 0.01% | -66.3% | -57.2% | Health Care |
| Lannett Co Inc | 0.01% | -65.1% | -74.3% | Health Care |
| Maiden Holdings Ltd | 0.01% | -62.6% | -61.1% | Financials |
| Diebold Nixdorf Inc | 0.02% | -62.3% | -80.1% | Information Technology |
| Sears Holdings Corp | 0.00% | -59.2% | -86.7% | Consumer Discretionary |

- Broad international equity returns were mixed for the quarter. Most developed markets were positive in local currency and USD terms whereas emerging markets were negative in both local currency and USD terms. Performance was largely driven by the same catalysts as the US equity markets for the second straight quarter. We saw global macroeconomic data slow, but remain generally positive through the period, with returns being tempered by global trade tensions and ongoing political uncertainty. The USD continued to strengthen against most currencies for the period as relatively strong US economic fundamentals and the continued divergence in global monetary policy hurt US investors in international markets. The MSCI ACWI ex US Index gained 1.5% in local currency terms and 0.7% in USD terms during the 3rd quarter. Returns over the 1-year period are modestly positive in both local currency and USD terms with the MSCI ACWI ex US returning 4.5% and 1.8% respectively.
- Third quarter results for developed market international indices were positive in local currency terms and USD terms with the MSCI EAFE Index returning 2.4% and 1.4% respectively. Returns were dampened for US investors as continued strength in the USD pushed returns lower. Developed markets were pushed higher by broadly positive, but slowing, global economic and earnings data despite several significant political events in Europe during the quarter. Concerns over a “no deal” Brexit and worries over a pending budget approval in Italy weighed on returns, while markets were encouraged by progress in trade negotiations between the US and the eurozone and signs of continued political stability in Japan. The MSCI EAFE Index returned 5.1% and 2.7% for the last twelve months in local currency and USD terms respectively.
- Emerging markets underperformed relative to developed markets for the 3rd quarter, posting a flat return in local currency terms that was exacerbated by the rising USD. The MSCI Emerging Markets Index returned 0.0% and -1.1% in local currency and USD terms respectively. Returns in emerging markets were the hurt by the deterioration in trade negotiations between the US and China followed by several rounds of new tariffs enacted by both countries. Emerging market stocks were also negatively affected by rising US interest rates coupled with an appreciating USD. Many emerging market countries and companies issue debt denominated in USD and the combination of higher interest rates and a relatively weaker local currency can put stress on the balance sheets of these borrowers, especially those heavily dependent on external capital. This was particularly problematic for Turkey, Argentina and South Africa during the 3rd quarter with Argentina having to expedite their request for an emergency bailout of \$50 billion from the World Monetary Fund. In positive news, Mexico and the US made progress toward the renegotiation of NAFTA. One year returns for the MSCI Emerging Market Index were 2.7% in local currency terms and -0.8% in USD terms.

Quarter Performance



1-Year Performance



The Market Environment
US Dollar International Index Attribution & Country Detail
As of September 30, 2018

| MSCI - EAFE | Sector Weight | Quarter Return | 1-Year Return |
|------------------------|---------------|----------------|---------------|
| Communication Services | 5.4% | 3.3% | -2.4% |
| Consumer Discretionary | 11.1% | -0.5% | 3.3% |
| Consumer Staples | 11.3% | -0.1% | 2.5% |
| Energy | 6.0% | 3.5% | 24.6% |
| Financials | 19.8% | 0.9% | -4.0% |
| Health Care | 10.9% | 5.6% | 7.1% |
| Industrials | 14.3% | 2.6% | 4.2% |
| Information Technology | 6.2% | 0.3% | 7.4% |
| Materials | 8.1% | 0.4% | 5.1% |
| Real Estate | 3.5% | -3.0% | 1.0% |
| Utilities | 3.3% | -0.6% | 0.7% |
| Total | 100.0% | 1.4% | 2.7% |

| MSCI - ACWIXUS | Sector Weight | Quarter Return | 1-Year Return |
|------------------------|---------------|----------------|---------------|
| Communication Services | 7.6% | -3.0% | -4.1% |
| Consumer Discretionary | 10.7% | -3.2% | -1.4% |
| Consumer Staples | 9.7% | -0.6% | 1.6% |
| Energy | 7.1% | 4.1% | 18.3% |
| Financials | 22.0% | 1.7% | -1.9% |
| Health Care | 8.3% | 4.5% | 7.6% |
| Industrials | 11.7% | 2.8% | 3.8% |
| Information Technology | 8.5% | 1.3% | 5.6% |
| Materials | 8.2% | 0.4% | 5.2% |
| Real Estate | 3.2% | -3.5% | -2.7% |
| Utilities | 3.0% | -0.9% | -1.2% |
| Total | 100.0% | 0.7% | 1.8% |

| MSCI - Emerging Mkt | Sector Weight | Quarter Return | 1-Year Return |
|------------------------|---------------|----------------|---------------|
| Communication Services | 14.8% | -9.4% | -6.0% |
| Consumer Discretionary | 11.3% | -9.9% | -13.2% |
| Consumer Staples | 6.7% | -2.9% | -1.9% |
| Energy | 6.3% | 14.5% | 26.0% |
| Financials | 23.3% | 1.5% | 0.4% |
| Health Care | 3.1% | -7.2% | 11.4% |
| Industrials | 5.3% | 2.5% | -4.3% |
| Information Technology | 15.9% | 2.2% | 2.3% |
| Materials | 7.8% | 4.5% | 8.6% |
| Real Estate | 2.9% | -5.6% | -15.1% |
| Utilities | 2.5% | -1.9% | -5.4% |
| Total | 100.0% | -1.1% | -0.8% |

| Country | MSCI-EAFE Weight | MSCI-ACWIXUS Weight | Quarter Return | 1- Year Return |
|----------------------------------|------------------|---------------------|----------------|----------------|
| Japan | 24.6% | 16.9% | 3.7% | 10.2% |
| United Kingdom | 17.5% | 12.0% | -1.7% | 2.9% |
| France | 11.2% | 7.7% | 2.8% | 4.2% |
| Germany | 9.4% | 6.5% | -0.6% | -5.4% |
| Switzerland | 8.3% | 5.7% | 7.3% | 1.6% |
| Australia | 6.8% | 4.7% | -0.9% | 4.4% |
| Hong Kong | 3.5% | 2.4% | -1.0% | 2.9% |
| Netherlands | 3.3% | 2.3% | -1.5% | -1.6% |
| Spain | 3.0% | 2.0% | -2.4% | -9.7% |
| Sweden | 2.7% | 1.9% | 7.0% | -3.3% |
| Italy | 2.3% | 1.6% | -4.5% | -8.9% |
| Denmark | 1.7% | 1.2% | 2.3% | -4.2% |
| Singapore | 1.3% | 0.9% | 2.2% | 6.9% |
| Finland | 1.1% | 0.7% | 3.2% | 10.3% |
| Belgium | 1.0% | 0.7% | -5.2% | -11.8% |
| Norway | 0.8% | 0.5% | 6.7% | 13.7% |
| Israel | 0.6% | 0.4% | 5.1% | 14.9% |
| Ireland | 0.5% | 0.4% | -5.4% | -6.1% |
| Austria | 0.2% | 0.2% | 0.2% | -3.1% |
| New Zealand | 0.2% | 0.2% | 2.4% | 4.4% |
| Portugal | 0.2% | 0.1% | -0.6% | 1.7% |
| Total EAFE Countries | 100.0% | 68.7% | 1.4% | 2.7% |
| Canada | | 6.7% | 0.8% | 1.9% |
| Total Developed Countries | | 75.3% | 1.3% | 2.7% |
| China | | 7.6% | -7.5% | -2.2% |
| Korea | | 3.7% | 0.7% | 1.4% |
| Taiwan | | 3.0% | 6.5% | 9.7% |
| India | | 2.1% | -2.3% | 1.1% |
| Brazil | | 1.5% | 6.1% | -14.0% |
| South Africa | | 1.5% | -7.4% | -5.1% |
| Russia | | 0.9% | 6.2% | 13.7% |
| Mexico | | 0.8% | 6.9% | -4.4% |
| Thailand | | 0.6% | 13.6% | 15.2% |
| Malaysia | | 0.6% | 3.8% | 7.6% |
| Indonesia | | 0.5% | 2.0% | -10.4% |
| Poland | | 0.3% | 10.6% | -5.0% |
| Chile | | 0.3% | -2.0% | -5.7% |
| Philippines | | 0.2% | 1.0% | -15.6% |
| Qatar | | 0.2% | 12.8% | 25.3% |
| United Arab Emirates | | 0.2% | 3.1% | -6.9% |
| Turkey | | 0.2% | -20.5% | -41.7% |
| Colombia | | 0.1% | -2.5% | 10.0% |
| Peru | | 0.1% | -2.1% | 12.2% |
| Greece | | 0.1% | -17.6% | -14.8% |
| Hungary | | 0.1% | 4.7% | -5.0% |
| Czech Republic | | 0.1% | 4.0% | 12.8% |
| Egypt | | 0.0% | -6.8% | -7.1% |
| Pakistan | | 0.0% | -4.9% | -20.6% |
| Total Emerging Countries | | 24.7% | -1.1% | -0.8% |
| Total ACWIXUS Countries | | 100.0% | 0.7% | 1.8% |

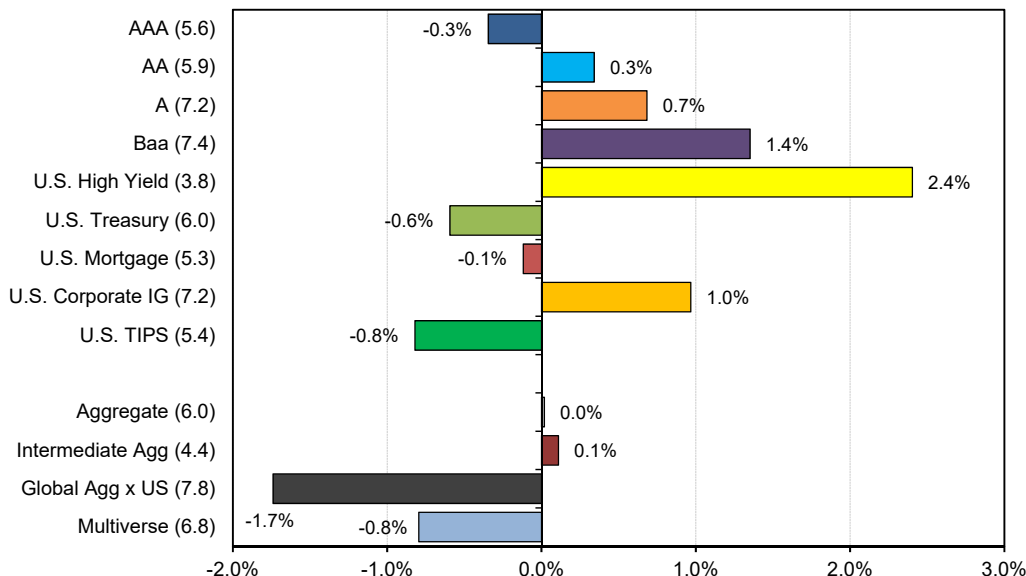
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.

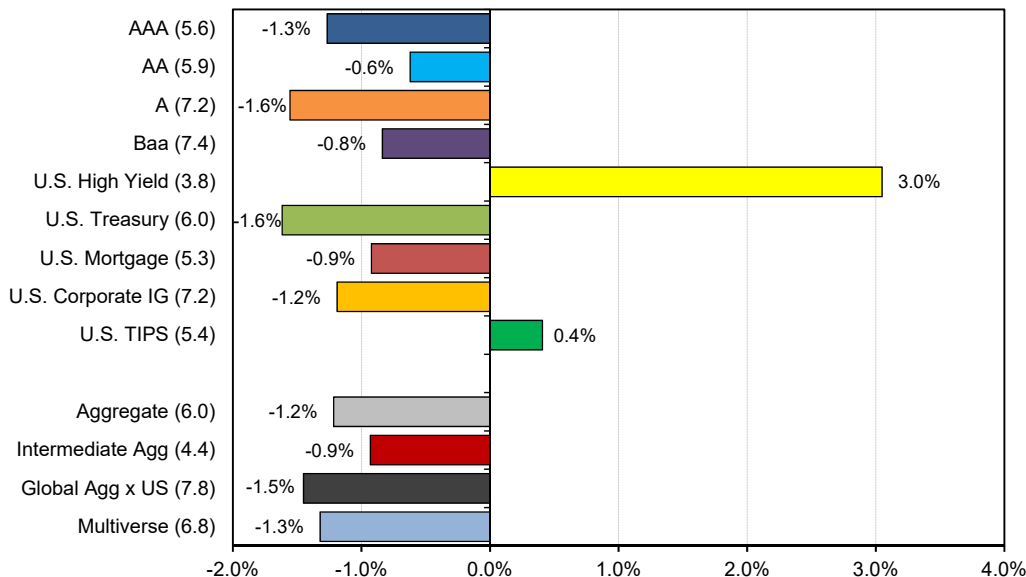


- Broad fixed income benchmarks had mixed results during the 3rd quarter. Interest rates rose across all maturities on the US Treasury Yield Curve. The Federal Open Market Committee (FOMC), decided to increase short-term interest rates by 25 basis points at their September meeting citing continued strength in the economy and stable inflation. This is the third rate hike of 2018. The current Fed Funds Rate target range sits at 2.00%-2.25%. The FOMC also changed the language used in its policy statement, removing the word “accommodative”, which investors took as a signal that the Fed plans to continue its trend of monetary policy tightening. The yield curve continued to flatten, although very gradually, as short-term yields rose at a greater rate than long-term yields during the quarter. The difference in yields between the 2-year and 10-year Treasury now sits at just 0.24%. As the curve continues to flatten, it moves closer to becoming “inverted”, which happens when short-term maturities have greater yields than long-term securities. Historically, an inverted yield curve has signaled a greater probability of a recession. The Fed is also continuing the reduction of the size of its balance sheet by slowing its pace of reinvestment as the securities it holds mature. The Bloomberg Barclays US Aggregate Index was flat during the quarter, posting a 0.0% return. Over the 1-year period the index has fallen -1.2%.
- Within investment grade credit, lower quality corporate issues outperformed higher quality issues as credit spreads tightened steadily over the quarter. On an absolute basis, without negating the duration differences in the sub-indices, Baa rated credit was the best performing investment grade credit quality segment returning 1.4% for the quarter, while AAA was the worst performing, falling -0.3%. High yield debt outperformed relative to investment grade credit, returning 2.0%, as spreads tightened to a greater degree for these issues and the index benefitted from less sensitivity to rising interest rates due to its lower duration. Returns are negative for all investment grade quality segments when viewed over the 1-year period while high yield continues to outperform with a return of 3.0%.
- Of the Bloomberg Barclays US Aggregate Index’s three broad sectors, US investment grade corporates were the best performing investment grade sector through the quarter, returning 1.0%, and the only sector to post a positive return for the period. Corporate credit outperformed as credit spreads tightened. Demand for these securities outweighed supply for the period despite considerable new issuance and a headwind from the sectors higher duration relative to other index sectors. Treasuries were the worst performing sector posting a -0.6% return. Over the 1-year period, all three broad investment grade sectors posted losses with mortgages, investment grade credit and Treasuries falling -0.9%, -1.2% and -1.6% respectively.

Quarter Performance

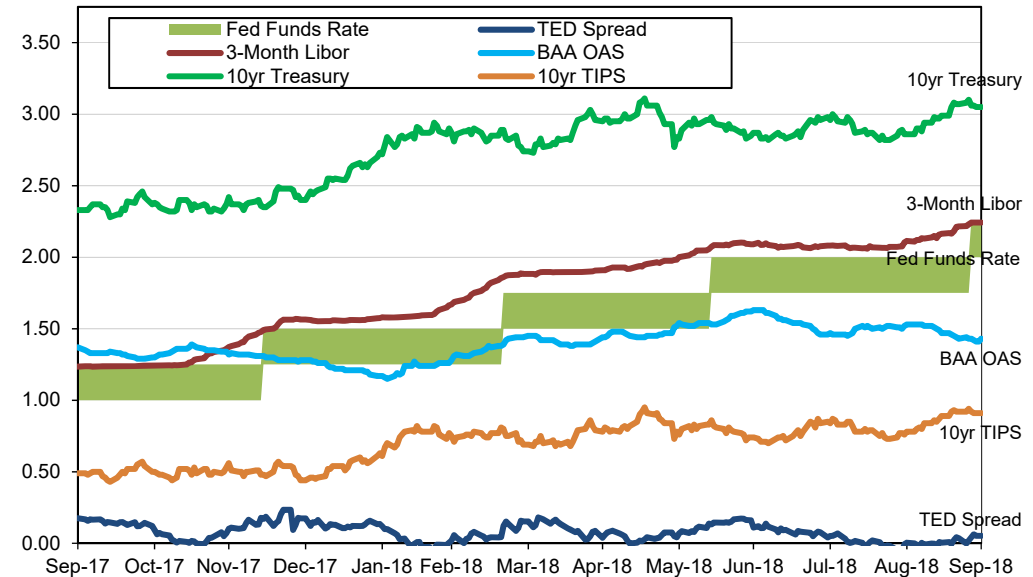


1-Year Performance

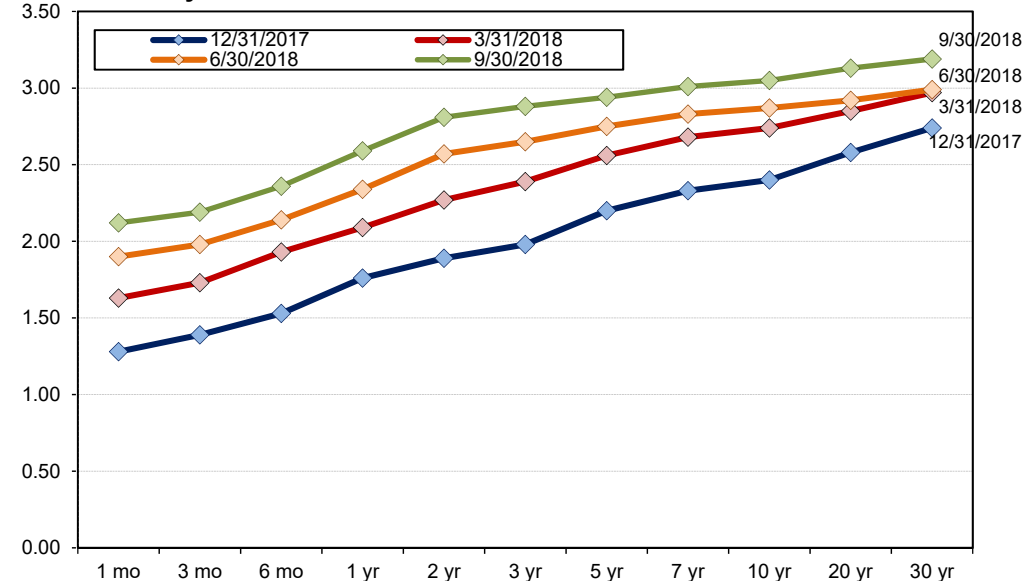


- Global fixed income indices continue to struggle relative to their domestic counterparts, underperforming during the 3rd quarter. These indices have lower yields and their relatively high duration acted as a headwind to performance in the current quarter as interest rates increased. The returns of these indices are also significantly influenced by fluctuations in their currency denomination relative to the USD. During the 3rd quarter the USD strengthened against most other currencies, negatively impacting the returns on global bond indices. The return on global bonds, as represented by the Bloomberg Barclays Global Aggregate ex US Index, was -1.7% and -1.5% for the quarter and 1-year period respectively. As the global economy continues to recover, several international central banks have started to move toward less accommodative postures. Notably, the ECB, began to slow its monthly bond purchase program in September, reducing new purchases to 15 billion euro per month from 30 billion euro per month, as well as forecasting an end to the program by the end of the year assuming the eurozone recovery continues to flourish. However, they have indicated a continuation of reinvestment in maturing securities and would likely not raise interest rates from current levels until summer 2019. The Bank of England increased interest rates by 0.25% during the quarter citing improvement in their near-term economic outlook and the Bank of Japan has changed its policy to allow flexibility for future tightening in the future.
- Much of the index performance detailed in the bar graphs on the previous page is visible on a time series basis by reviewing the line graphs to the right. The '1-Year Trailing Market Rates' chart illustrates that the 10-year Treasury yield (green line) rose steadily during the end of the 3rd quarter, ending the period at 3.05%. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread). This measure quantifies the additional yield premium that investors require to purchase and hold non-Treasury issues. This line illustrates a steady increase in credit spreads through the first two quarters of 2018, followed by a smooth decline during the 3rd quarter. This decline is equivalent to an interest rate decrease on corporate bonds, which produces an additional tailwind for corporate bond index returns. These credit spreads have tightened by about 20 basis points over the last 3-months. The green band across the graph illustrates the gradual increase in the Federal Funds Rate (three increases in the last twelve months) due to the continued unwinding of accommodative US monetary policy.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four calendar quarters. As mentioned, the yield curve continues to flatten as yields on shorter-term maturities have risen more than interest rates on the long end of the curve. The upward momentum of interest rates as well as a general flattening of the yield curve are clearly visible over the last twelve months.

1-Year Trailing Market Rates



Treasury Yield Curve



Southfield Fire and Police Retirement System
Total Fund Asset Allocation Compliance Summary

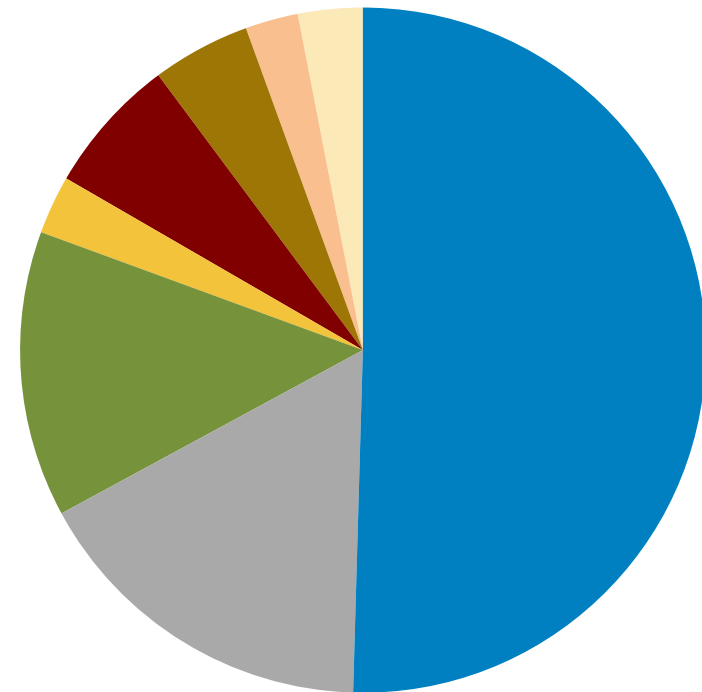
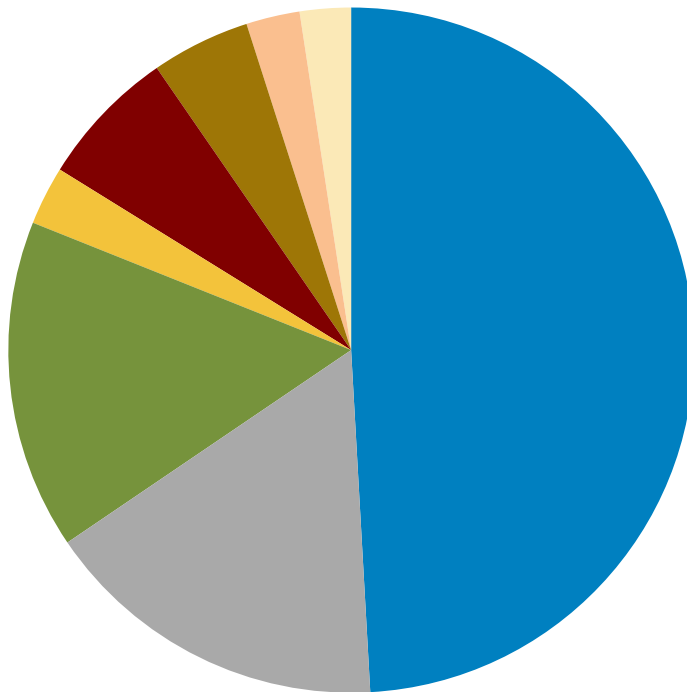
September 30, 2018

| Total Portfolio Compliance Summary | | | | | | | |
|---|---------------------------------------|-------------------------|------------------------|-----------------------|--------------------|-----------------------------|----------------------------|
| | September 30, 2018 Market Value \$ | Current Allocation % | Target Allocation % | Range Allocation % | Act 314 Limit % | Compliance within Ranges | Compliance w/314 Limits |
| Total Portfolio (excluding Unfunded Commitments) | 116,470,119.00 | 100.0% | 100.0% | | | | |
| Total Equity (14) | 80,096,458.00 | 68.8% | 63.5% | 53.0% - 70.0% | 70.0% | YES | YES |
| Domestic Equity (14) | 60,368,006.00 | 51.8% | 48.0% | 43.0% - 53.0% | 70.0% | YES | YES |
| International Equity (14) | 19,728,452.00 | 16.9% | 15.5% | 10.0% - 20.0% | 70.0% | YES | YES |
| Total US Fixed Income (17 & 17.1.a.iii) | 15,967,143.00 | 13.7% | 22.0% | 15.0% - 30.0% | 100.0% | NO | YES |
| US Investment Grade Fixed Income (17) | 9,958,682.00 | 8.6% | 15.0% | 10.0% - 25.0% | 100.0% | NO | YES |
| US Non-Investment Grade Fixed Income (17.1.a.iii) | 6,008,461.00 | 5.2% | 5.0% | 0.0% - 10.0% | 100.0% | YES | YES |
| Total Non US Fixed Income (20k) | 3,217,690.00 | 2.8% | 2.0% | 0.0% - 10.0% | 20.0% | YES | YES |
| Total Real Estate (18 & 19) | 7,593,212.00 | 6.5% | 6.0% | 0.0% - 10.0% | 20.0% | YES | YES |
| Alternative Investments (20d) | 8,299,136.00 | 7.1% | 8.5% | 0.0% - 10.0% | 20.0% | YES | YES |
| Short Term/Cash Reserves | 1,296,480.00 | 1.1% | 0.0% | 0.0% - 5.0% | N/A | YES | YES |



Asset Allocation By Segment as of
June 30, 2018 : \$114,926,824

Asset Allocation By Segment as of
September 30, 2018 : \$116,470,120



| Allocation | | | Allocation | | |
|-----------------------|--------------|------------|-----------------------|--------------|------------|
| Segments | Market Value | Allocation | Segments | Market Value | Allocation |
| Domestic Equity | 56,441,070 | 49.1 | Domestic Equity | 58,764,746 | 50.5 |
| International Equity | 18,848,817 | 16.4 | International Equity | 19,378,026 | 16.6 |
| Domestic Fixed Income | 17,877,534 | 15.6 | Domestic Fixed Income | 15,722,269 | 13.5 |
| Global Fixed Income | 3,185,148 | 2.8 | Global Fixed Income | 3,217,690 | 2.8 |
| Real Estate | 7,547,428 | 6.6 | Real Estate | 7,535,706 | 6.5 |
| Hedge Fund | 5,351,338 | 4.7 | Hedge Fund | 5,393,645 | 4.6 |
| Other Illiquid Asset | 2,905,491 | 2.5 | Other Illiquid Asset | 2,905,491 | 2.5 |
| Cash Equivalent | 2,769,998 | 2.4 | Cash Equivalent | 3,552,547 | 3.1 |

| Financial Reconciliation | | | | | | | | |
|------------------------------------|----------------------------|-------------------|----------------|-------------------|--------------------|-------------------|-------------------------|----------------------------|
| | Market Value 07/01/2018 | Net Transfers | Contributions | Distributions | Management Fees | Other Expenses | Return On Investment | Market Value 09/30/2018 |
| Total Domestic Equity | 57,690,370 | - | - | - | -87,219 | -6,674 | 2,771,528 | 60,368,006 |
| Comerica S&P 500 Index Fund | 23,781,904 | - | - | - | - | -3,250 | 1,832,170 | 25,610,824 |
| Champlain MC Equity | 7,977,857 | - | - | - | -33,261 | -1,053 | 672,792 | 8,616,335 |
| QMA US MC Equity | 7,551,028 | - | - | - | -8,479 | - | 202,848 | 7,745,397 |
| SouthernSun SC | 12,314,366 | - | - | - | -30,317 | -1,561 | -121,041 | 12,161,447 |
| Walhausen & Co. SMID Value | 6,065,215 | - | - | - | -15,162 | -810 | 184,760 | 6,234,003 |
| Total International Equity | 19,222,580 | 18,716 | - | - | -36,476 | -1,277 | 524,909 | 19,728,452 |
| LSV International LCV | 9,706,244 | 18,716 | - | - | -18,716 | - | 174,563 | 9,880,807 |
| WCM Focused Growth International | 9,516,336 | - | - | - | -17,760 | -1,277 | 350,346 | 9,847,645 |
| Total Fixed Income | 21,178,020 | -2,026,667 | - | - | -9,201 | -1,535 | 44,216 | 19,184,833 |
| Pacific Fixed Income | 11,727,743 | -1,770,000 | - | - | -9,201 | -1,535 | 11,674 | 9,958,682 |
| Bloomfield Capital Income Fund II | 2,122,626 | -256,667 | - | - | - | - | - | 1,865,959 |
| Bloomfield Capital Income Fund III | 4,142,502 | - | - | - | - | - | - | 4,142,502 |
| Templeton Global Bond R6 (FBNRX) | 3,185,148 | - | - | - | - | - | 32,542 | 3,217,690 |
| Total Real Estate | 7,608,638 | -106,592 | - | - | -18,608 | - | 109,775 | 7,593,212 |
| AEW Core Property Trust | 6,656,660 | - | - | - | -18,608 | - | 109,775 | 6,747,827 |
| Metropolitan Real Estate V | 951,978 | -106,592 | - | - | - | - | - | 845,385 |
| Total Timber Funds | 2,905,491 | - | - | - | - | - | - | 2,905,491 |
| RMK Timberland US Fund | 1,974,043 | - | - | - | - | - | - | 1,974,043 |
| RMK Timberland Intl Fund | 931,448 | - | - | - | - | - | - | 931,448 |
| Total Hedge Fund of Funds | 5,351,338 | - | - | - | - | - | 42,307 | 5,393,645 |
| Magnitude Institutional | 2,747,585 | - | - | - | - | - | 28,752 | 2,776,336 |
| Titan Masters Int'l Fund | 2,603,753 | - | - | - | - | - | 13,556 | 2,617,309 |
| Cash Account | 970,387 | 2,114,543 | 979,947 | -2,759,935 | - | -22,011 | 13,549 | 1,296,480 |
| Total Fund | 114,926,824 | - | 979,947 | -2,759,935 | -151,504 | -31,496 | 3,506,285 | 116,470,120 |

Comparative Performance
Trailing Returns
As of September 30, 2018

| Comparative Performance | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-----------|-------|----------------|
| | QTR | | FYTD | | 1 YR | | 3 YR | | 5 YR | | 7 YR | | 10 YR | | Inception | | Inception Date |
| Total Fund | 3.06 | (54) | 3.06 | (54) | 8.56 | (41) | 11.29 | (13) | 8.02 | (43) | 11.54 | (4) | 9.99 | (1) | 7.90 | (6) | 06/01/1997 |
| Total Fund Policy | 3.13 | (49) | 3.13 | (49) | 8.52 | (42) | 10.74 | (25) | 8.28 | (31) | 10.85 | (13) | 8.70 | (20) | 8.12 | (3) | |
| Difference | -0.07 | | -0.07 | | 0.04 | | 0.55 | | -0.26 | | 0.69 | | 1.29 | | -0.22 | | |
| All Public Plans-Total Fund Median | 3.12 | | 3.12 | | 8.15 | | 10.00 | | 7.83 | | 9.87 | | 8.05 | | 7.05 | | |
| | | | | | | | | | | | | | | | | | |
| Total Domestic Equity | 4.81 | (57) | 4.81 | (57) | 12.56 | (57) | 14.85 | (51) | 10.44 | (61) | 15.38 | (54) | 11.86 | (40) | 9.12 | (75) | 02/01/1992 |
| Total Domestic Equity Policy | 5.32 | (52) | 5.32 | (52) | 16.03 | (40) | 16.81 | (31) | 12.56 | (34) | 16.66 | (34) | 11.98 | (38) | 10.60 | (38) | |
| Difference | -0.51 | | -0.51 | | -3.47 | | -1.96 | | -2.12 | | -1.28 | | -0.12 | | -1.48 | | |
| IM U.S. Equity (SA+CF+MF) Median | 5.44 | | 5.44 | | 13.79 | | 14.92 | | 11.28 | | 15.65 | | 11.30 | | 10.08 | | |
| | | | | | | | | | | | | | | | | | |
| Total International Equity | 2.73 | (7) | 2.73 | (7) | 6.32 | (11) | 13.23 | (15) | 7.83 | (13) | 10.55 | (18) | 7.18 | (32) | 2.96 | (33) | 12/01/2007 |
| Total International Equity Policy | 1.35 | (20) | 1.35 | (20) | 2.74 | (28) | 9.23 | (56) | 4.42 | (52) | 8.30 | (48) | 5.38 | (62) | 1.44 | (62) | |
| Difference | 1.38 | | 1.38 | | 3.58 | | 4.00 | | 3.41 | | 2.25 | | 1.80 | | 1.52 | | |
| IM International Equity (SA+CF+MF) Median | -0.17 | | -0.17 | | 0.39 | | 9.75 | | 4.48 | | 8.16 | | 5.97 | | 1.94 | | |
| | | | | | | | | | | | | | | | | | |
| Total Fixed Income | 0.20 | (45) | 0.20 | (45) | 2.03 | (2) | 5.05 | (1) | 4.62 | (1) | 3.99 | (5) | N/A | | 5.32 | (23) | 03/01/2009 |
| Total Fixed Income Policy | 0.02 | (83) | 0.02 | (83) | -1.22 | (90) | 1.31 | (89) | 2.16 | (90) | 2.02 | (95) | 3.77 | (95) | 3.59 | (92) | |
| Difference | 0.18 | | 0.18 | | 3.25 | | 3.74 | | 2.46 | | 1.97 | | N/A | | 1.73 | | |
| IM U.S. Broad Market Core Fixed Income (SA+CF) Median | 0.18 | | 0.18 | | -0.74 | | 1.84 | | 2.61 | | 2.66 | | 4.60 | | 4.52 | | |
| | | | | | | | | | | | | | | | | | |
| Total Real Estate | 1.45 | (100) | 1.45 | (100) | 7.66 | (85) | 8.71 | (72) | 10.26 | (81) | N/A | | N/A | | 5.40 | (100) | 01/01/2012 |
| Total Real Estate Policy | 1.67 | (85) | 1.67 | (85) | 7.16 | (96) | 7.75 | (88) | 9.57 | (93) | 9.98 | (93) | 6.42 | (16) | 9.89 | (93) | |
| Difference | -0.22 | | -0.22 | | 0.50 | | 0.96 | | 0.69 | | N/A | | N/A | | -4.49 | | |
| IM U.S. Open End Private Real Estate (SA+CF) Median | 2.19 | | 2.19 | | 9.63 | | 9.72 | | 11.25 | | 11.80 | | 6.05 | | 11.56 | | |
| | | | | | | | | | | | | | | | | | |
| Total Hedge Fund of Funds | 0.79 | | 0.79 | | 7.30 | | 3.15 | | N/A | | N/A | | N/A | | 2.58 | | 08/01/2015 |
| HFRI FOF: Diversified Index | 0.63 | | 0.63 | | 3.49 | | 3.01 | | 3.16 | | 3.55 | | 2.61 | | 1.73 | | |
| Difference | 0.16 | | 0.16 | | 3.81 | | 0.14 | | N/A | | N/A | | N/A | | 0.85 | | |
| | | | | | | | | | | | | | | | | | |
| Total Timber Funds | 0.00 | | 0.00 | | -4.04 | | -1.66 | | -2.73 | | N/A | | N/A | | -1.11 | | 08/01/2012 |
| Total Timber Policy | 1.02 | | 1.02 | | 4.00 | | 3.52 | | 6.00 | | 5.97 | | 4.01 | | 6.46 | | |
| Difference | -1.02 | | -1.02 | | -8.04 | | -5.18 | | -8.73 | | N/A | | N/A | | -7.57 | | |

** All History prior to 3/31/2015, obtained from prior consultant.**

LP Real Estate and Timber Funds separate accounts are presented on the IRR page.



Comparative Performance

Trailing Returns

As of September 30, 2018

| | QTR | FYTD | 1 YR | 3 YR | 5 YR | 7 YR | 10 YR | Inception | Inception Date |
|--|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Total Domestic Equity | 4.81 (57) | 4.81 (57) | 12.56 (57) | 14.85 (51) | 10.44 (61) | 15.38 (54) | 11.86 (40) | 9.12 (75) | 02/01/1992 |
| Total Domestic Equity Policy | 5.32 (52) | 5.32 (52) | 16.03 (40) | 16.81 (31) | 12.56 (34) | 16.66 (34) | 11.98 (38) | 10.60 (38) | |
| Difference | -0.51 | -0.51 | -3.47 | -1.96 | -2.12 | -1.28 | -0.12 | -1.48 | |
| IM U.S. Equity (SA+CF+MF) Median | 5.44 | 5.44 | 13.79 | 14.92 | 11.28 | 15.65 | 11.30 | 10.08 | |
| Comerica S&P 500 Index Fund | 7.70 (35) | 7.70 (35) | 17.87 (42) | 17.28 (30) | 13.92 (43) | 16.91 (48) | 11.98 (52) | 9.01 (61) | 04/01/2006 |
| S&P 500 Index | 7.71 (34) | 7.71 (34) | 17.91 (39) | 17.31 (30) | 13.95 (41) | 16.91 (48) | 11.97 (53) | 8.98 (64) | |
| Difference | -0.01 | -0.01 | -0.04 | -0.03 | -0.03 | 0.00 | 0.01 | 0.03 | |
| IM U.S. Large Cap Core Equity (SA+CF) Median | 7.13 | 7.13 | 17.25 | 16.23 | 13.55 | 16.86 | 12.03 | 9.17 | |
| Champlain MC Equity | 8.46 (2) | 8.46 (2) | 25.62 (6) | N/A | N/A | N/A | N/A | 23.55 (6) | 08/01/2017 |
| Russell Midcap Index | 5.00 (36) | 5.00 (36) | 13.98 (55) | 14.52 (64) | 11.65 (72) | 16.09 (76) | 12.31 (80) | 13.76 (70) | |
| Difference | 3.46 | 3.46 | 11.64 | N/A | N/A | N/A | N/A | 9.79 | |
| IM U.S. Mid Cap Core Equity (SA+CF) Median | 4.37 | 4.37 | 14.18 | 15.61 | 11.98 | 16.52 | 12.68 | 14.30 | |
| QMA US MC Equity | 2.69 (95) | 2.69 (95) | 10.18 (87) | N/A | N/A | N/A | N/A | 11.30 (82) | 08/01/2017 |
| Russell Midcap Index | 5.00 (36) | 5.00 (36) | 13.98 (55) | 14.52 (64) | 11.65 (72) | 16.09 (76) | 12.31 (80) | 13.76 (70) | |
| Difference | -2.31 | -2.31 | -3.80 | N/A | N/A | N/A | N/A | -2.46 | |
| IM U.S. Mid Cap Core Equity (SA+CF) Median | 4.37 | 4.37 | 14.18 | 15.61 | 11.98 | 16.52 | 12.68 | 14.30 | |
| SouthernSun SC | -0.99 (99) | -0.99 (99) | -2.43 (100) | 9.93 (100) | 2.66 (100) | 11.71 (100) | 10.47 (96) | 9.69 (94) | 04/01/2008 |
| Russell 2000 Index | 3.58 (61) | 3.58 (61) | 15.24 (47) | 17.12 (51) | 11.07 (75) | 16.43 (79) | 11.11 (85) | 10.50 (77) | |
| Difference | -4.57 | -4.57 | -17.67 | -7.19 | -8.41 | -4.72 | -0.64 | -0.81 | |
| IM U.S. Small Cap Core Equity (SA+CF) Median | 3.97 | 3.97 | 14.54 | 17.17 | 12.20 | 17.47 | 12.46 | 11.36 | |
| Walhausen & Co. SMID Value | 3.05 (48) | 3.05 (48) | 12.44 (31) | 14.36 (47) | N/A | N/A | N/A | 14.36 (47) | 10/01/2015 |
| Russell 2500 Value Index | 2.67 (55) | 2.67 (55) | 10.24 (48) | 14.51 (46) | 9.99 (62) | 15.33 (63) | 10.53 (87) | 14.51 (46) | |
| Difference | 0.38 | 0.38 | 2.20 | -0.15 | N/A | N/A | N/A | -0.15 | |
| IM U.S. SMID Cap Value Equity (SA+CF) Median | 2.91 | 2.91 | 10.09 | 14.04 | 10.48 | 15.98 | 12.15 | 14.04 | |

** All History prior to 3/31/2015, obtained from prior consultant.**

LP Real Estate and Timber Funds separate accounts are presented on the IRR page.



Comparative Performance
Trailing Returns
As of September 30, 2018

| | QTR | FYTD | 1 YR | 3 YR | 5 YR | 7 YR | 10 YR | Inception | Inception Date |
|--|-----------------|-----------------|------------------|-------------------|------------------|-------------------|------------------|------------------|-------------------|
| Total International Equity | 2.73 (7) | 2.73 (7) | 6.32 (11) | 13.23 (15) | 7.83 (13) | 10.55 (18) | 7.18 (32) | 2.96 (33) | 12/01/2007 |
| Total International Equity Policy | 1.35 (20) | 1.35 (20) | 2.74 (28) | 9.23 (56) | 4.42 (52) | 8.30 (48) | 5.38 (62) | 1.44 (62) | |
| Difference | 1.38 | 1.38 | 3.58 | 4.00 | 3.41 | 2.25 | 1.80 | 1.52 | |
| IM International Equity (SA+CF+MF) Median | -0.17 | -0.17 | 0.39 | 9.75 | 4.48 | 8.16 | 5.97 | 1.94 | |
| LSV International LCV | 1.80 (21) | 1.80 (21) | 0.02 (75) | 11.04 (29) | 5.70 (31) | 9.62 (36) | 6.55 (51) | 4.99 (67) | 01/01/2006 |
| MSCI EAFE Index | 1.42 (32) | 1.42 (32) | 3.25 (29) | 9.77 (45) | 4.90 (50) | 8.80 (49) | 5.87 (62) | 4.63 (84) | |
| Difference | 0.38 | 0.38 | -3.23 | 1.27 | 0.80 | 0.82 | 0.68 | 0.36 | |
| IM International Large Cap Value Equity (SA+CF) Median | 0.89 | 0.89 | 1.51 | 9.45 | 4.85 | 8.74 | 6.59 | 5.36 | |
| WCM Focused Growth International | 3.68 (4) | 3.68 (4) | 13.54 (4) | 15.95 (8) | 10.51 (11) | N/A | N/A | 11.40 (16) | 11/01/2011 |
| MSCI EAFE (Net) Index | 1.35 (35) | 1.35 (35) | 2.74 (72) | 9.23 (83) | 4.42 (97) | 8.30 (96) | 5.38 (97) | 6.97 (95) | |
| Difference | 2.33 | 2.33 | 10.80 | 6.72 | 6.09 | N/A | N/A | 4.43 | |
| IM International Growth Equity (SA+CF) Median | 0.49 | 0.49 | 5.00 | 11.57 | 6.84 | 10.50 | 8.05 | 9.19 | |

** All History prior to 3/31/2015, obtained from prior consultant.**

LP Real Estate and Timber Funds separate accounts are presented on the IRR page.



Comparative Performance
Trailing Returns
As of September 30, 2018

| | QTR | FYTD | 1 YR | 3 YR | 5 YR | 7 YR | 10 YR | Inception | Inception Date |
|---|-----------------------|-----------------------|----------------------|----------------------|-----------------------|-----------------|----------------|-----------------------|-----------------------|
| Total Fixed Income | 0.20 (45) | 0.20 (45) | 2.03 (2) | 5.05 (1) | 4.62 (1) | 3.99 (5) | N/A | 5.32 (23) | 03/01/2009 |
| Total Fixed Income Policy | 0.02 (83) | 0.02 (83) | -1.22 (90) | 1.31 (89) | 2.16 (90) | 2.02 (95) | 3.77 (95) | 3.59 (92) | |
| Difference | 0.18 | 0.18 | 3.25 | 3.74 | 2.46 | 1.97 | N/A | 1.73 | |
| IM U.S. Broad Market Core Fixed Income (SA+CF) Median | 0.18 | 0.18 | -0.74 | 1.84 | 2.61 | 2.66 | 4.60 | 4.52 | |
| Pacific Fixed Income | 0.06 (74) | 0.06 (74) | -0.94 (64) | 2.03 (37) | 2.57 (53) | 2.36 (70) | 4.21 (73) | 5.23 (64) | 06/01/1997 |
| Blmbg. Barc. U.S. Aggregate Index | 0.02 (83) | 0.02 (83) | -1.22 (90) | 1.31 (89) | 2.16 (90) | 2.02 (95) | 3.77 (95) | 4.95 (93) | |
| Difference | 0.04 | 0.04 | 0.28 | 0.72 | 0.41 | 0.34 | 0.44 | 0.28 | |
| IM U.S. Broad Market Core Fixed Income (SA+CF) Median | 0.18 | 0.18 | -0.74 | 1.84 | 2.61 | 2.66 | 4.60 | 5.36 | |
| Templeton Global Bond R6 (FBNRX) | 1.02 (9) | 1.02 (9) | -1.94 (67) | N/A | N/A | N/A | N/A | -1.52 (100) | 04/01/2017 |
| Blmbg. Barc. Global Multiverse | -0.80 (67) | -0.80 (67) | -1.32 (52) | 2.34 (51) | 0.95 (66) | 1.13 (73) | 3.12 (62) | 2.12 (28) | |
| Difference | 1.82 | 1.82 | -0.62 | N/A | N/A | N/A | N/A | -3.64 | |
| IM Global Fixed Income (MF) Median | -0.39 | -0.39 | -1.19 | 2.36 | 1.39 | 1.73 | 3.57 | 1.48 | |
| Total Real Estate | 1.45 (100) | 1.45 (100) | 7.66 (85) | 8.71 (72) | 10.26 (81) | N/A | N/A | 5.40 (100) | 01/01/2012 |
| Total Real Estate Policy | 1.67 (85) | 1.67 (85) | 7.16 (96) | 7.75 (88) | 9.57 (93) | 9.98 (93) | 6.42 (16) | 9.89 (93) | |
| Difference | -0.22 | -0.22 | 0.50 | 0.96 | 0.69 | N/A | N/A | -4.49 | |
| IM U.S. Open End Private Real Estate (SA+CF) Median | 2.19 | 2.19 | 9.63 | 9.72 | 11.25 | 11.80 | 6.05 | 11.56 | |
| AEW Core Property Trust | 1.65 (85) | 1.65 (85) | 8.01 (81) | 8.64 (73) | 10.10 (84) | N/A | N/A | 10.33 (88) | 10/01/2012 |
| NCREIF Fund Index-ODCE (VW) | 2.09 (60) | 2.09 (60) | 8.68 (67) | 8.80 (70) | 10.72 (64) | 11.17 (78) | 5.58 (66) | 11.10 (65) | |
| Difference | -0.44 | -0.44 | -0.67 | -0.16 | -0.62 | N/A | N/A | -0.77 | |
| IM U.S. Open End Private Real Estate (SA+CF) Median | 2.19 | 2.19 | 9.63 | 9.72 | 11.25 | 11.80 | 6.05 | 11.66 | |
| Total Hedge Fund of Funds | 0.79 | 0.79 | 7.30 | 3.15 | N/A | N/A | N/A | 2.58 | 08/01/2015 |
| HFRI FOF: Diversified Index | 0.63 | 0.63 | 3.49 | 3.01 | 3.16 | 3.55 | 2.61 | 1.73 | |
| Difference | 0.16 | 0.16 | 3.81 | 0.14 | N/A | N/A | N/A | 0.85 | |
| Magnitude Institutional | 1.05 | 1.05 | 5.94 | 3.56 | N/A | N/A | N/A | 3.37 | 08/01/2015 |
| HFRI FOF: Diversified Index | 0.63 | 0.63 | 3.49 | 3.01 | 3.16 | 3.55 | 2.61 | 1.73 | |
| Difference | 0.42 | 0.42 | 2.45 | 0.55 | N/A | N/A | N/A | 1.64 | |
| Titan Masters Int'l Fund | 0.52 | 0.52 | 8.79 | 2.72 | N/A | N/A | N/A | 1.46 | 08/01/2015 |
| HFRI FOF: Diversified Index | 0.63 | 0.63 | 3.49 | 3.01 | 3.16 | 3.55 | 2.61 | 1.73 | |
| Difference | -0.11 | -0.11 | 5.30 | -0.29 | N/A | N/A | N/A | -0.27 | |

** All History prior to 3/31/2015, obtained from prior consultant.**

LP Real Estate and Timber Funds separate accounts are presented on the IRR page.



Comparative Performance - IRR

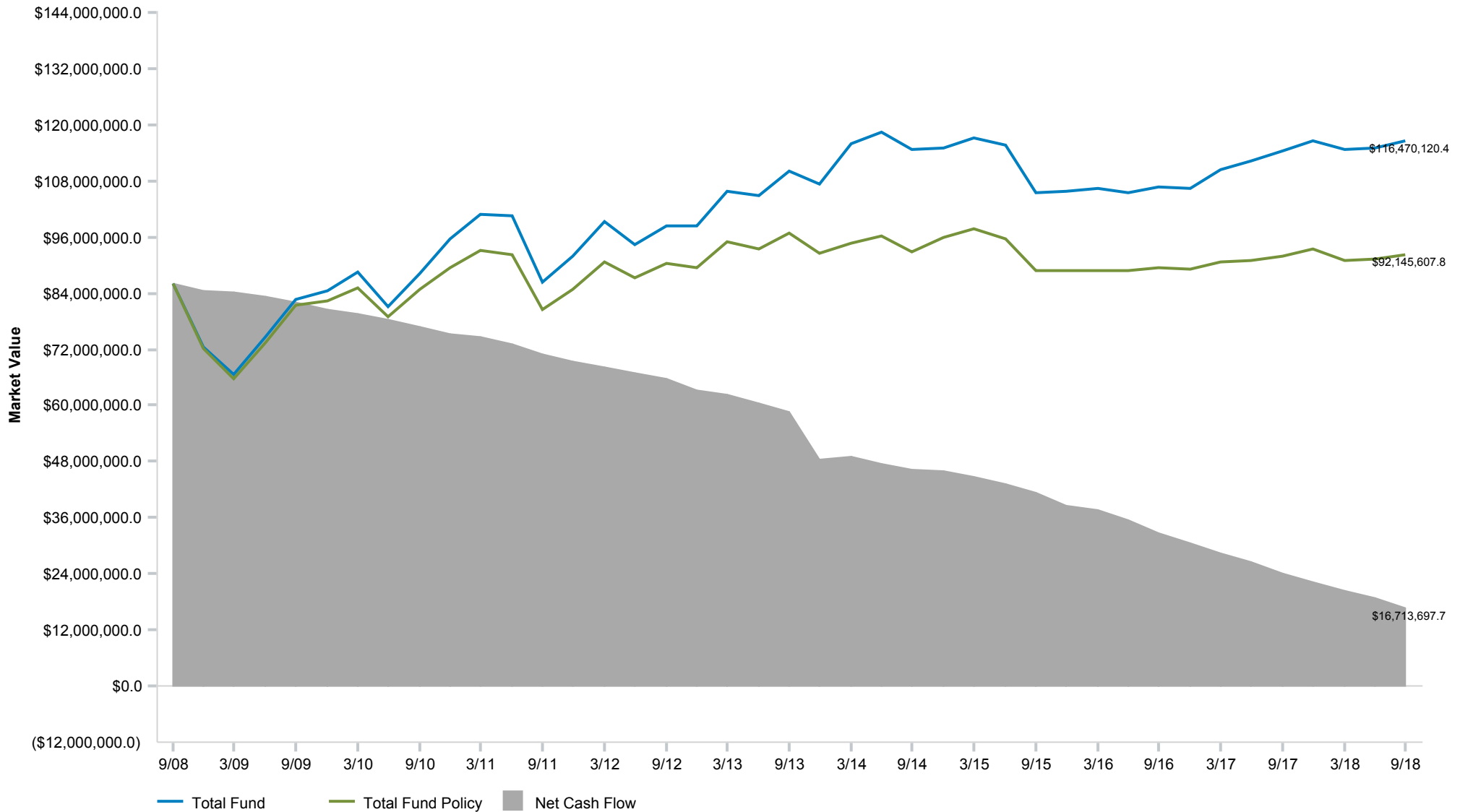
As of September 30, 2018

| Comparative Performance - IRR | | | | | | | | |
|------------------------------------|------|------|--------|-------|-------|------|---------------------------------|----------------|
| | QTR | FYTD | 1 YR | 3 YR | 5 YR | 7 YR | Since Inception Ending Sep-2018 | Inception Date |
| Bloomfield Capital Income Fund II | 0.00 | 0.00 | 5.61 | 8.85 | N/A | N/A | 9.14 | 12/22/2014 |
| Bloomfield Capital Income Fund III | 0.00 | 0.00 | 6.55 | N/A | N/A | N/A | 9.24 | 12/31/2016 |
| Metropolitan Real Estate V | 0.00 | 0.00 | 5.33 | 9.22 | 11.14 | N/A | 9.25 | 11/30/2011 |
| RMK Timberland US Fund | 0.00 | 0.00 | 5.21 | 0.82 | 1.24 | N/A | 2.96 | 10/31/2012 |
| RMK Timberland Intl Fund | 0.00 | 0.00 | -19.12 | -5.89 | -8.89 | N/A | -8.32 | 11/21/2012 |



Schedule of Investable Assets
Total Fund
10 Years Ending September 30, 2018

Schedule of Investable Assets

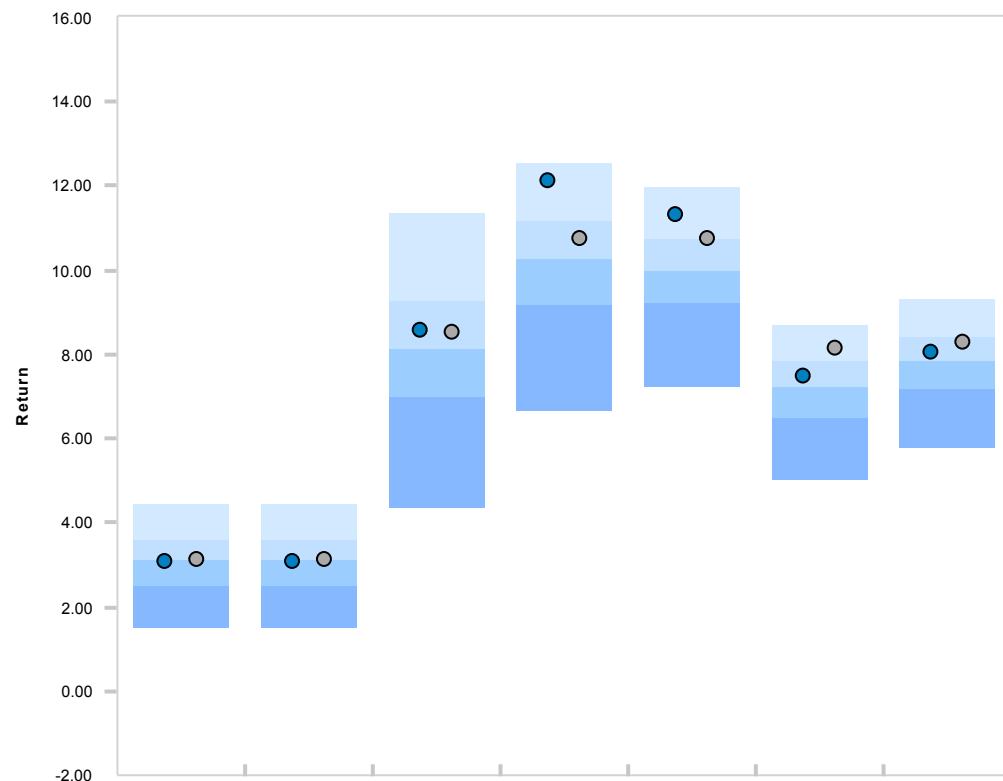


Schedule of Investable Assets

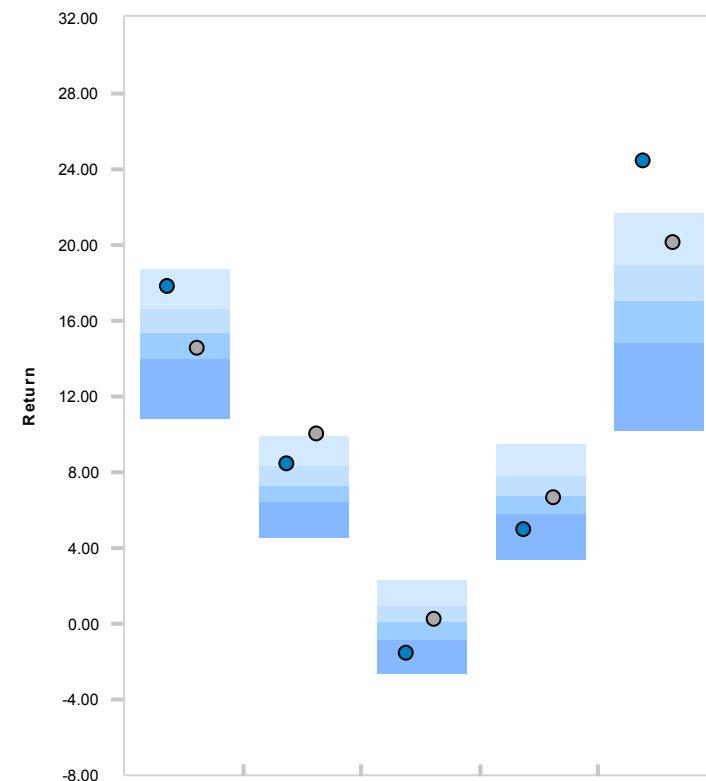
| Periods Ending | Beginning Market Value \$ | Contributions \$ | Withdrawals \$ | Gain/Loss \$ | Net Cash Flow \$ | Ending Market Value \$ |
|----------------|---------------------------|------------------|----------------|--------------|------------------|------------------------|
| 10 YR | 86,012,961 | 99,622,428 | 168,921,692 | 99,756,423 | -69,299,264 | 116,470,120 |



Plan Sponsor Peer Group Analysis - All Public Plans-Total Fund



| | QTR | FYTD | 1 YR | 2 YR | 3 YR | 4 YR | 5 YR |
|---------------------|-----------|-----------|-----------|------------|------------|-----------|-----------|
| ● Total Fund | 3.06 (54) | 3.06 (54) | 8.56 (41) | 12.11 (8) | 11.29 (13) | 7.47 (41) | 8.02 (43) |
| ● Total Fund Policy | 3.13 (49) | 3.13 (49) | 8.52 (42) | 10.72 (41) | 10.74 (25) | 8.13 (17) | 8.28 (31) |
| Median | 3.12 | 3.12 | 8.15 | 10.27 | 10.00 | 7.23 | 7.83 |

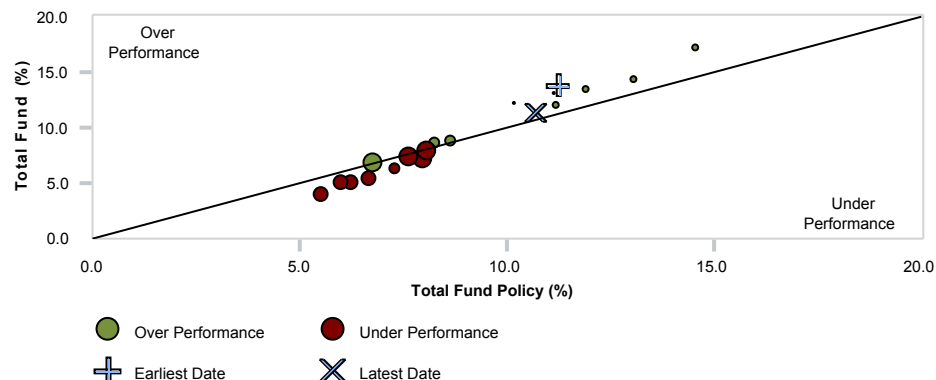


| | 2017 | 2016 | 2015 | 2014 | 2013 |
|---------------------|------------|-----------|------------|-----------|------------|
| ● Total Fund | 17.76 (10) | 8.43 (24) | -1.58 (86) | 4.92 (86) | 24.38 (1) |
| ● Total Fund Policy | 14.48 (68) | 9.99 (5) | 0.18 (48) | 6.66 (53) | 20.12 (13) |
| Median | 15.41 | 7.31 | 0.07 | 6.77 | 17.01 |

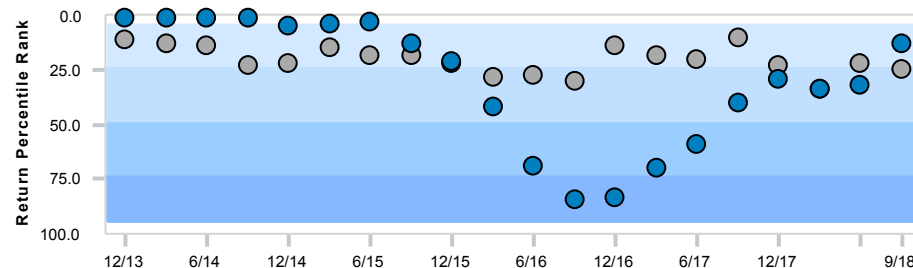
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Total Fund | 1.79 (31) | -0.19 (43) | 3.68 (55) | 4.02 (13) | 3.36 (21) | 5.64 (4) |
| Total Fund Policy | 2.06 (20) | -0.56 (72) | 3.68 (55) | 3.47 (47) | 2.78 (65) | 3.83 (80) |
| All Public Plans-Total Fund Median | 1.42 | -0.28 | 3.74 | 3.44 | 2.97 | 4.39 |

3 Yr Rolling Under/Over Performance - 5 Years

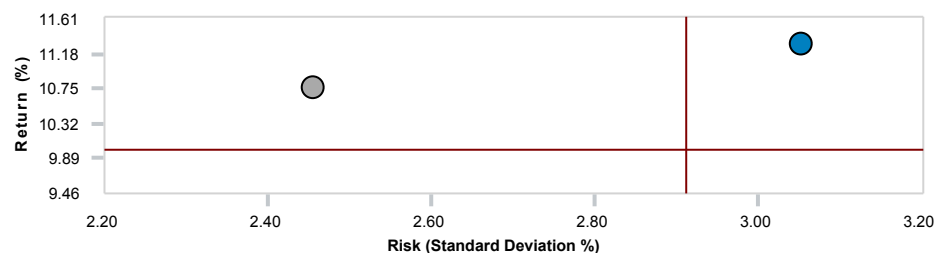


3 Yr Rolling Percentile Ranking - 5 Years



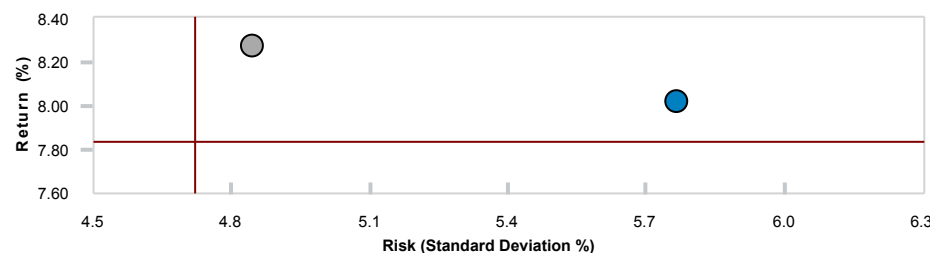
| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|-------------------|--------------|------------|-----------------|-----------------|-------------|
| Total Fund | 20 | 10 (50%) | 5 (25%) | 3 (15%) | 2 (10%) |
| Total Fund Policy | 20 | 16 (80%) | 4 (20%) | 0 (0%) | 0 (0%) |

Peer Group Scattergram - 3 Years



| | Return | Standard Deviation |
|-------------------|--------|--------------------|
| Total Fund | 11.29 | 3.05 |
| Total Fund Policy | 10.74 | 2.46 |
| Median | 10.00 | 2.91 |

Peer Group Scattergram - 5 Years



| | Return | Standard Deviation |
|-------------------|--------|--------------------|
| Total Fund | 8.02 | 5.77 |
| Total Fund Policy | 8.28 | 4.85 |
| Median | 7.84 | 4.72 |

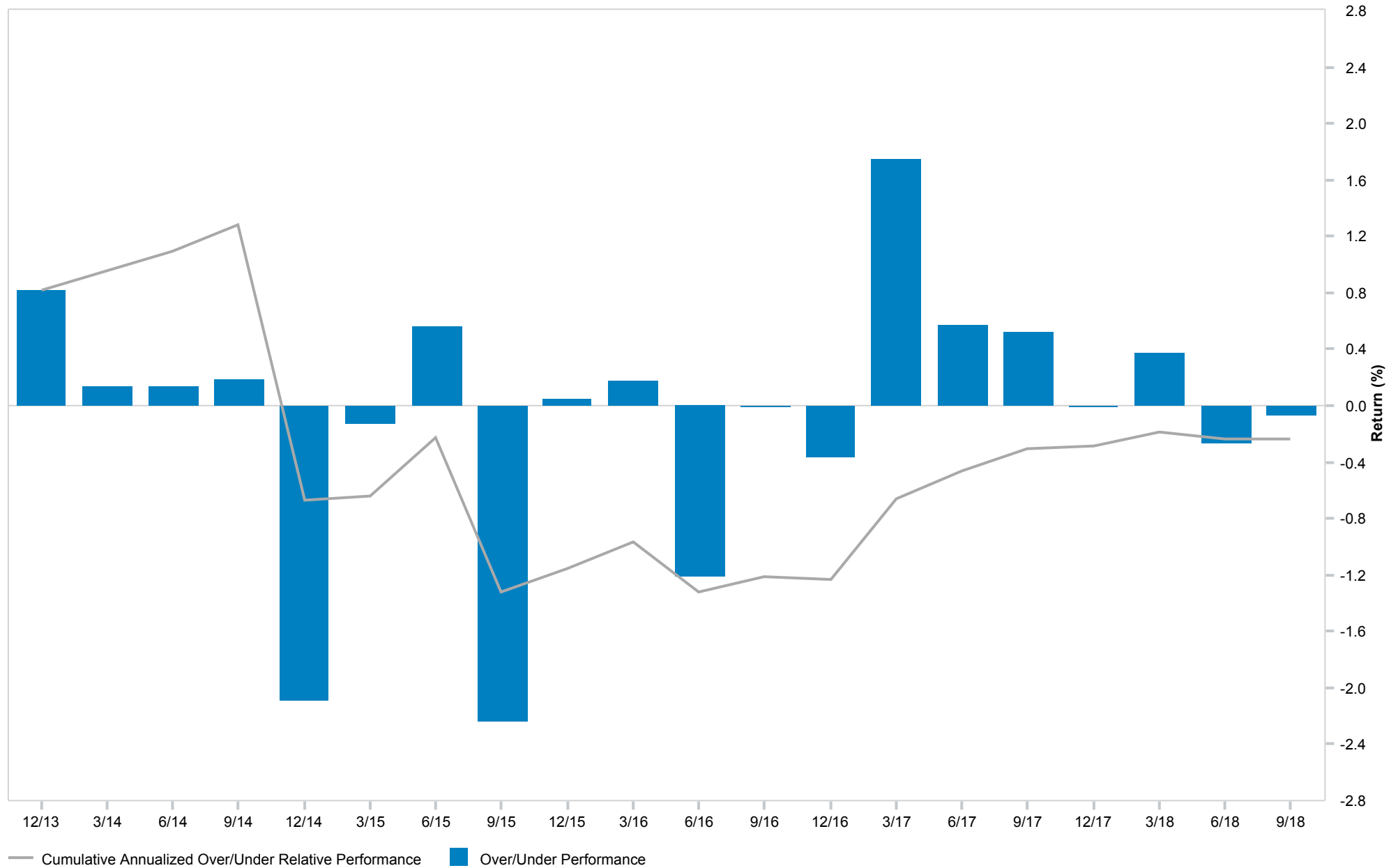
Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|-------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Total Fund | 1.37 | 103.77 | 34.05 | -0.68 | 0.38 | 3.24 | 1.12 | 0.11 |
| Total Fund Policy | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 3.78 | 1.00 | 0.33 |

Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|-------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Total Fund | 1.80 | 100.09 | 112.01 | -1.33 | -0.11 | 1.30 | 1.14 | 3.45 |
| Total Fund Policy | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.59 | 1.00 | 2.59 |

Relative Performance



Calculation based on quarterly periodicity.
 Benchmark: 65% MSCI ACWi / 35% Barclays Global Agg

Comerica S&P 500 - Portfolio Description

- Strategy: S&P 500 Index Fund
- Vehicle: Commingled Fund
- Objective: To replicate the S&P 500
- Annual fees: .10% on first \$5M
.08% on next \$20M
.06% on next \$25M
- Benchmark: S&P 500 Index

Comerica S&P 500 - Strategy Details

The 500 Index Strategy seeks to provide investment results generally corresponding to the aggregate price and dividend performance of the publicly traded common stocks in the large- capitalization sector of the U.S. equity market. The fund pursues this objective by investing primarily in the 500 common stocks that compose the S&P 500 Index.

Champlain MidCap Equity - Portfolio Description

- Strategy: Mid Cap Equity
- Vehicle: Separately Managed Account
- Objective: To outperform the Russell Midcap Index
- Annual fees: .85% on first \$50MM
.75% on next \$50MM
.65% over \$100M
- Benchmark: Russell Midcap Index

Champlain MidCap Equity - Strategy Details

Champlain's mid cap strategy invests in a broadly diversified portfolio of approximately 50 to 75 common stocks of medium sized companies, and to a lesser extent small and large sized companies, which have attractive long-term fundamentals, appreciation potential, and valuations. They believe that investing in companies with sustainable competitive advantages, durable business models, sound balance sheets, credible and sincere management, and that are trading at valuations deemed reasonable by the team, can, over time, provide attractive returns with less risk than the overall market. Their investment processes are focused on absolute returns and avoiding large losses, which they believe is critical to wealth creation.

QMA Midcap Equity - Portfolio Description

- Strategy: US Mid Cap Fore Equity
- Vehicle: Commingled Account
- Objective: To outperform the Russell Midcap Index
- Annual fees: .45% on first \$50MM
.40% over \$50M
- Benchmark: Russell Midcap Index

QMA Midcap Equity - Strategy Details

At QMA, they believe that an adaptive, bottom-up, systematic investment process based on fundamental insights is the most efficient way to exploit market inefficiencies and add value. On a daily basis they assess the relative attractiveness of their universe, scoring stocks according to fundamentals most relevant to their growth characteristics-more emphasis on valuation for slowly growing companies and indicators of future growth prospects for faster growing companies. These scores form the basis of the construction process whereby they focus risk on a breadth of exposures most likely to produce alpha and limit exposures to uncompensated off-benchmark risk. Rebalancing is done with experienced judgment to maintain desired portfolio alpha exposures and risk limits and with careful attention to trading costs.

SouthernSun Smallcap Equity - Portfolio Description

- Strategy: Small Cap
- Vehicle: Separately Managed Account
- Objective: To outperform the Russell 2000 Index
- Annual fees: 1.00% on first \$15M
- 0.85% over \$15M
- Benchmark: Russell 2000 Index

SouthernSun Smallcap Equity - Strategy Details

The Small Cap strategy targets companies with market caps of \$500 million to \$3.5 billion at time of initial purchase. While idea generation may come from traditional screening, new names are often sourced through research on existing portfolio holdings, industry trade publications, and industry conferences. The Investment Team relies almost solely on internally conducted research for idea generation. This strategy is generally closed to new investors.

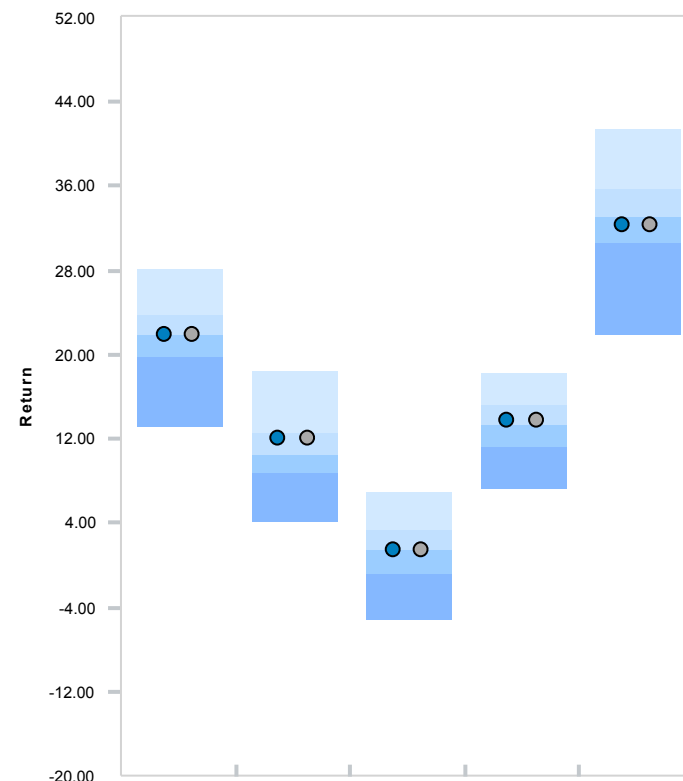
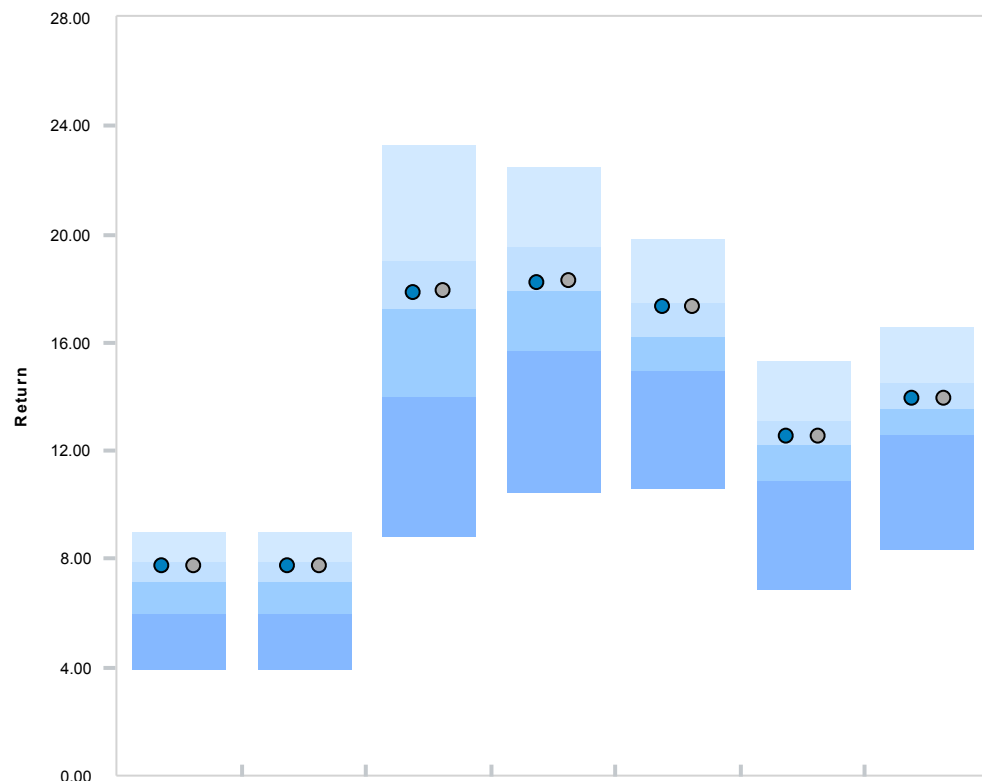
Walhausen SMID Value Equity - Portfolio Description

- Strategy: Select Value (SMID)
- Vehicle: Separately Managed Account
- Objective: To outperform the Russell 2500 Index
- Annual fees: 1.00% of Assets
- Benchmark: Russell 2500 Index

Walhausen SMID Value Equity - Strategy Details

This portfolio is constructed to provide strong returns with moderate volatility. It incorporates 40-50 equally weighted holdings, broadly diversified across industry sectors. Positions are reduced when they begin to exceed 3.0% of the portfolio. Companies included in the portfolio have a market capitalization between \$700 million and \$7.0 billion. The majority (about 80%) of the portfolio is with companies which have consistently high returns on capital, ample free cash flow, well proven management and sell at moderate valuations. Many of these stocks are frequently too dull to attract much "Wall Street" attention and thus have carried low valuations and lower volatility. The remaining 20% of the fund is invested in "Special Situations." For these stocks a focused approach is utilized to find 8-10 names with unusual potential returns. The goal is for both parts of the strategy to outperform over the market cycle, and to deliver annualized returns 200 basis points above the Russell 2500 Value index.

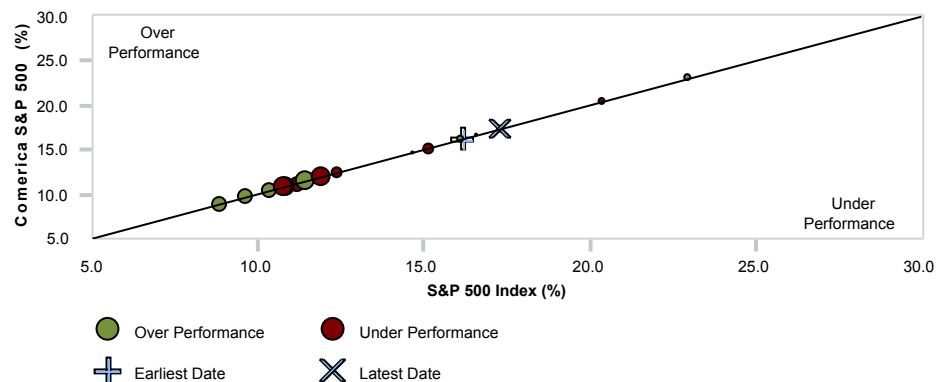
Peer Group Analysis - IM U.S. Large Cap Core Equity (SA+CF)



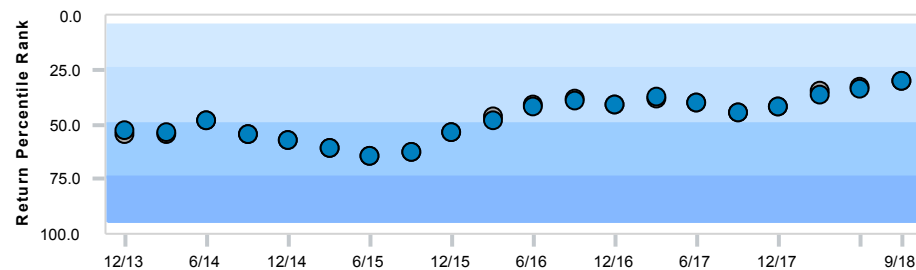
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Comerica S&P 500 | 3.43 (34) | -0.77 (67) | 6.63 (53) | 4.48 (58) | 3.08 (45) | 6.06 (44) |
| S&P 500 Index | 3.43 (33) | -0.76 (65) | 6.64 (51) | 4.48 (58) | 3.09 (44) | 6.07 (44) |
| IM U.S. Large Cap Core Equity (SA+CF) Median | 2.90 | -0.43 | 6.65 | 4.61 | 2.96 | 5.92 |

3 Yr Rolling Under/Over Performance - 5 Years

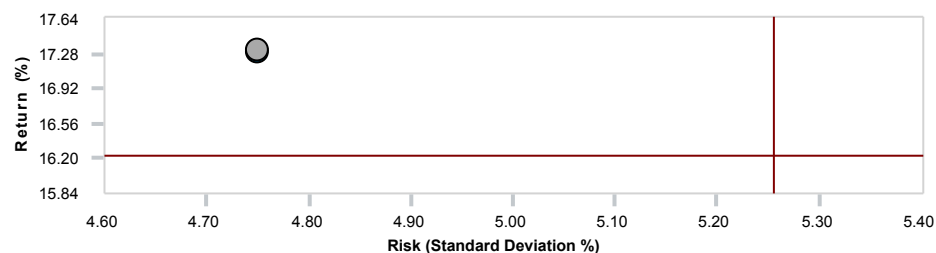


3 Yr Rolling Percentile Ranking - 5 Years



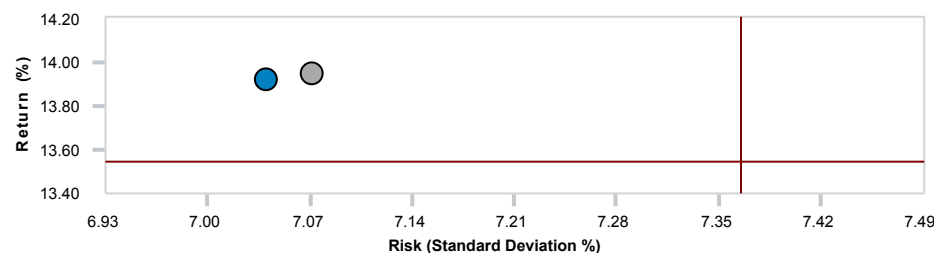
| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|------------------|--------------|------------|-----------------|-----------------|-------------|
| Comerica S&P 500 | 20 | 0 (0%) | 12 (60%) | 8 (40%) | 0 (0%) |
| S&P 500 Index | 20 | 0 (0%) | 12 (60%) | 8 (40%) | 0 (0%) |

Peer Group Scattergram - 3 Years



| | Return | Standard Deviation |
|------------------|--------|--------------------|
| Comerica S&P 500 | 17.28 | 4.75 |
| S&P 500 Index | 17.31 | 4.75 |
| Median | 16.23 | 5.26 |

Peer Group Scattergram - 5 Years



| | Return | Standard Deviation |
|------------------|--------|--------------------|
| Comerica S&P 500 | 13.92 | 7.04 |
| S&P 500 Index | 13.95 | 7.07 |
| Median | 13.55 | 7.37 |

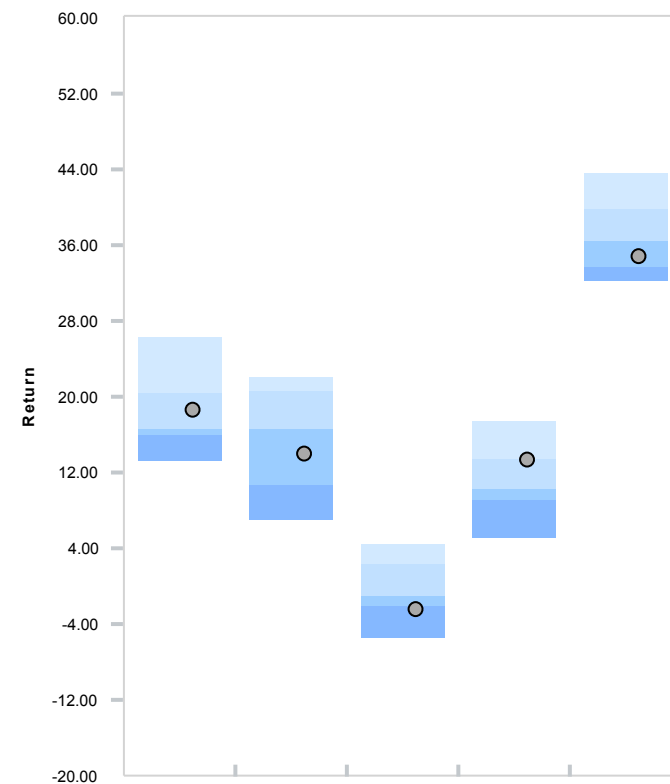
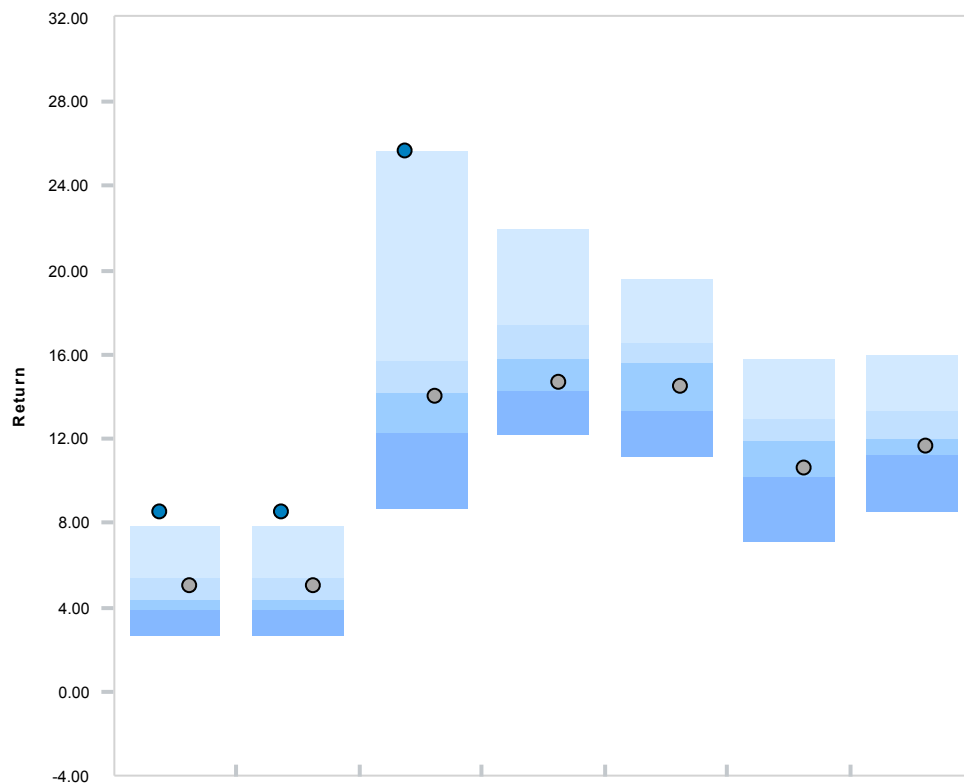
Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Comerica S&P 500 | 0.02 | 99.92 | 100.10 | -0.03 | -1.45 | 1.73 | 1.00 | 4.11 |
| S&P 500 Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.73 | 1.00 | 4.10 |

Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Comerica S&P 500 | 0.04 | 99.87 | 100.03 | -0.02 | -0.78 | 1.38 | 1.00 | 4.98 |
| S&P 500 Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.38 | 1.00 | 4.98 |

Peer Group Analysis - IM U.S. Mid Cap Core Equity (SA+CF)



| | QTR | FYTD | 1 YR | 2 YR | 3 YR | 4 YR | 5 YR |
|------------------------|-----------|-----------|------------|------------|------------|------------|------------|
| ● Champlain MC Equity | 8.46 (2) | 8.46 (2) | 25.62 (6) | N/A | N/A | N/A | N/A |
| ● Russell Midcap Index | 5.00 (36) | 5.00 (36) | 13.98 (55) | 14.65 (69) | 14.52 (64) | 10.63 (62) | 11.65 (72) |
| Median | 4.37 | 4.37 | 14.18 | 15.79 | 15.61 | 11.92 | 11.98 |

| | 2017 | 2016 | 2015 | 2014 | 2013 |
|------------------------|------------|------------|------------|------------|------------|
| ● Champlain MC Equity | N/A | N/A | N/A | N/A | N/A |
| ● Russell Midcap Index | 18.52 (35) | 13.80 (61) | -2.44 (82) | 13.22 (28) | 34.76 (67) |
| Median | 16.66 | 16.68 | -0.97 | 10.25 | 36.49 |

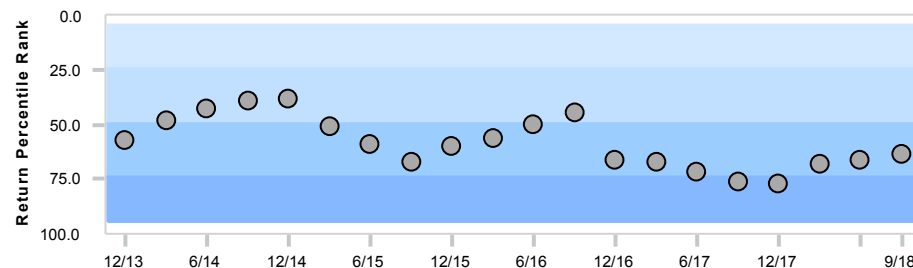
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Champlain MC Equity | 3.95 (43) | 4.77 (6) | 6.35 (44) | N/A | N/A | N/A |
| Russell Midcap Index | 2.82 (59) | -0.46 (40) | 6.07 (68) | 3.47 (49) | 2.70 (35) | 5.15 (36) |
| IM U.S. Mid Cap Core Equity (SA+CF) Median | 3.64 | -0.76 | 6.27 | 3.42 | 1.98 | 4.72 |

3 Yr Rolling Under/Over Performance - 5 Years

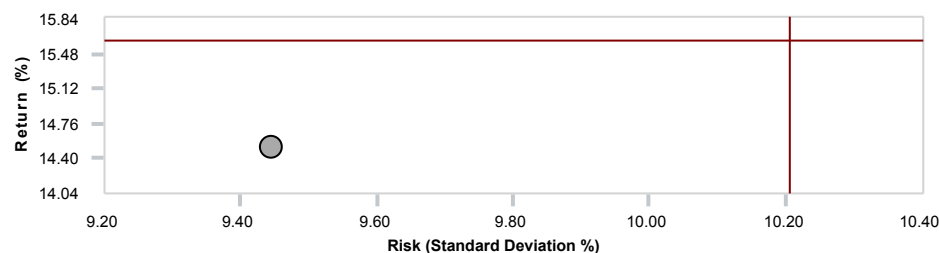
No data found.

3 Yr Rolling Percentile Ranking - 5 Years



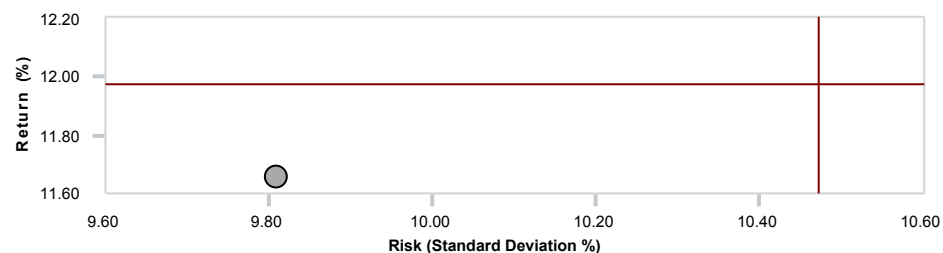
| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|------------------------|--------------|------------|-----------------|-----------------|-------------|
| ● Champlain MC Equity | 0 | 0 | 0 | 0 | 0 |
| ● Russell Midcap Index | 20 | 0 (0%) | 6 (30%) | 12 (60%) | 2 (10%) |

Peer Group Scattergram - 3 Years



| | Return | Standard Deviation |
|------------------------|--------|--------------------|
| ● Champlain MC Equity | N/A | N/A |
| ● Russell Midcap Index | 14.52 | 9.45 |
| — Median | 15.61 | 10.21 |

Peer Group Scattergram - 5 Years



| | Return | Standard Deviation |
|------------------------|--------|--------------------|
| ● Champlain MC Equity | N/A | N/A |
| ● Russell Midcap Index | 11.65 | 9.81 |
| — Median | 11.98 | 10.47 |

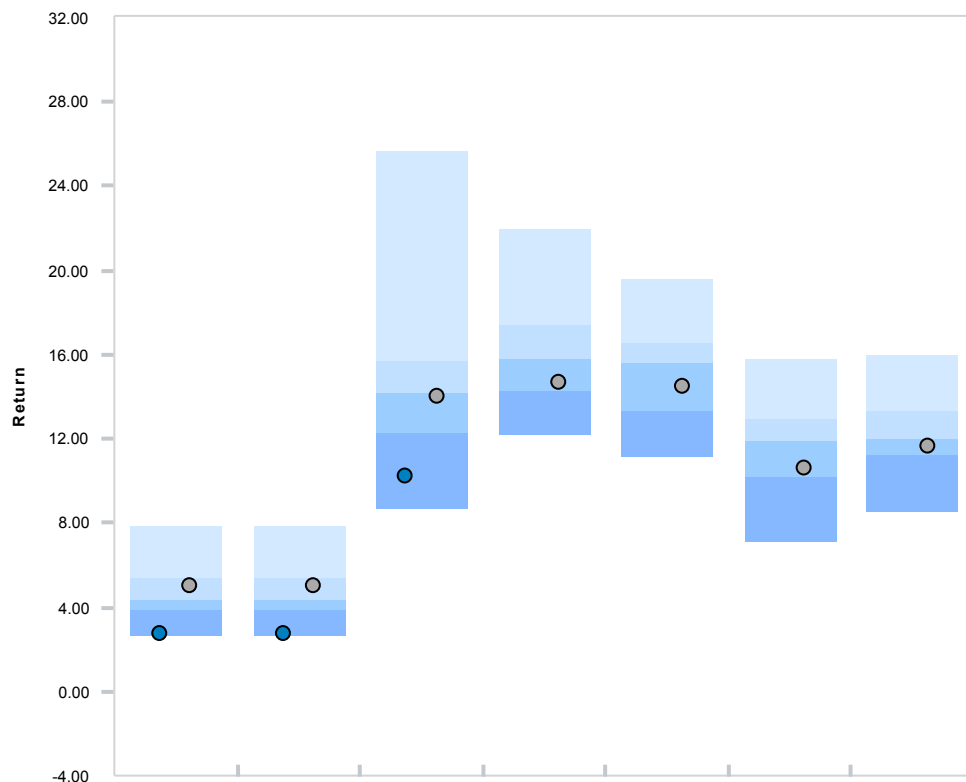
Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|----------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Champlain MC Equity | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Russell Midcap Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.41 | 1.00 | 5.11 |

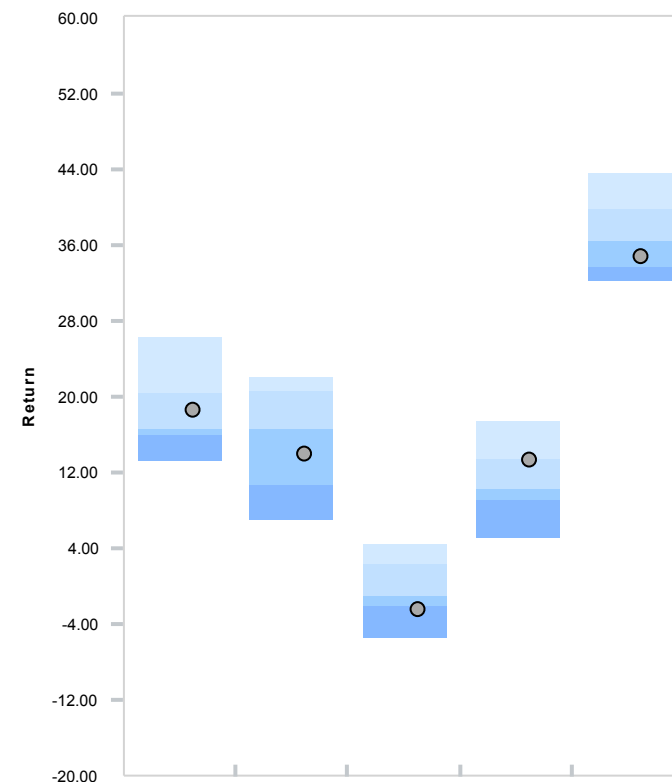
Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|----------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Champlain MC Equity | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Russell Midcap Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.13 | 1.00 | 5.49 |

Peer Group Analysis - IM U.S. Mid Cap Core Equity (SA+CF)



| | QTR | FYTD | 1 YR | 2 YR | 3 YR | 4 YR | 5 YR |
|------------------------|-----------|-----------|------------|------------|------------|------------|------------|
| ● QMA US MC Equity | 2.69 (95) | 2.69 (95) | 10.18 (87) | N/A | N/A | N/A | N/A |
| ● Russell Midcap Index | 5.00 (36) | 5.00 (36) | 13.98 (55) | 14.65 (69) | 14.52 (64) | 10.63 (62) | 11.65 (72) |
| Median | 4.37 | 4.37 | 14.18 | 15.79 | 15.61 | 11.92 | 11.98 |



| | 2017 | 2016 | 2015 | 2014 | 2013 |
|------------------------|------------|------------|------------|------------|------------|
| ● QMA US MC Equity | N/A | N/A | N/A | N/A | N/A |
| ● Russell Midcap Index | 18.52 (35) | 13.80 (61) | -2.44 (82) | 13.22 (28) | 34.76 (67) |
| Median | 16.66 | 16.68 | -0.97 | 10.25 | 36.49 |

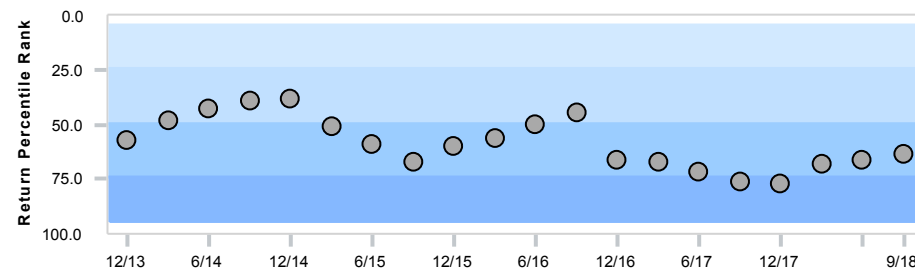
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| QMA US MC Equity | 2.16 (78) | -1.08 (68) | 6.18 (65) | N/A | N/A | N/A |
| Russell Midcap Index | 2.82 (59) | -0.46 (40) | 6.07 (68) | 3.47 (49) | 2.70 (35) | 5.15 (36) |
| IM U.S. Mid Cap Core Equity (SA+CF) Median | 3.64 | -0.76 | 6.27 | 3.42 | 1.98 | 4.72 |

3 Yr Rolling Under/Over Performance - 5 Years

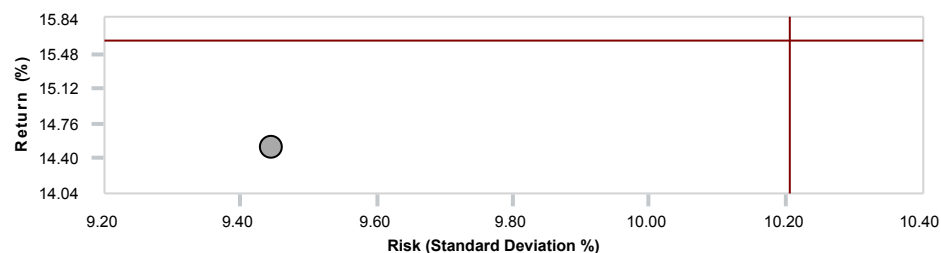
No data found.

3 Yr Rolling Percentile Ranking - 5 Years



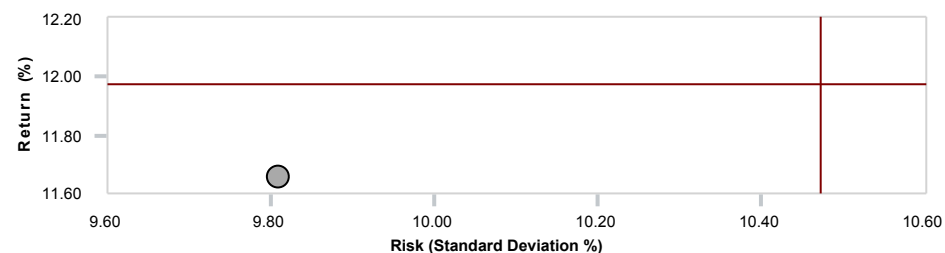
| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|----------------------|--------------|------------|-----------------|-----------------|-------------|
| QMA US MC Equity | 0 | 0 | 0 | 0 | 0 |
| Russell Midcap Index | 20 | 0 (0%) | 6 (30%) | 12 (60%) | 2 (10%) |

Peer Group Scattergram - 3 Years



| | Return | Standard Deviation |
|----------------------|--------|--------------------|
| QMA US MC Equity | N/A | N/A |
| Russell Midcap Index | 14.52 | 9.45 |
| Median | 15.61 | 10.21 |

Peer Group Scattergram - 5 Years



| | Return | Standard Deviation |
|----------------------|--------|--------------------|
| QMA US MC Equity | N/A | N/A |
| Russell Midcap Index | 11.65 | 9.81 |
| Median | 11.98 | 10.47 |

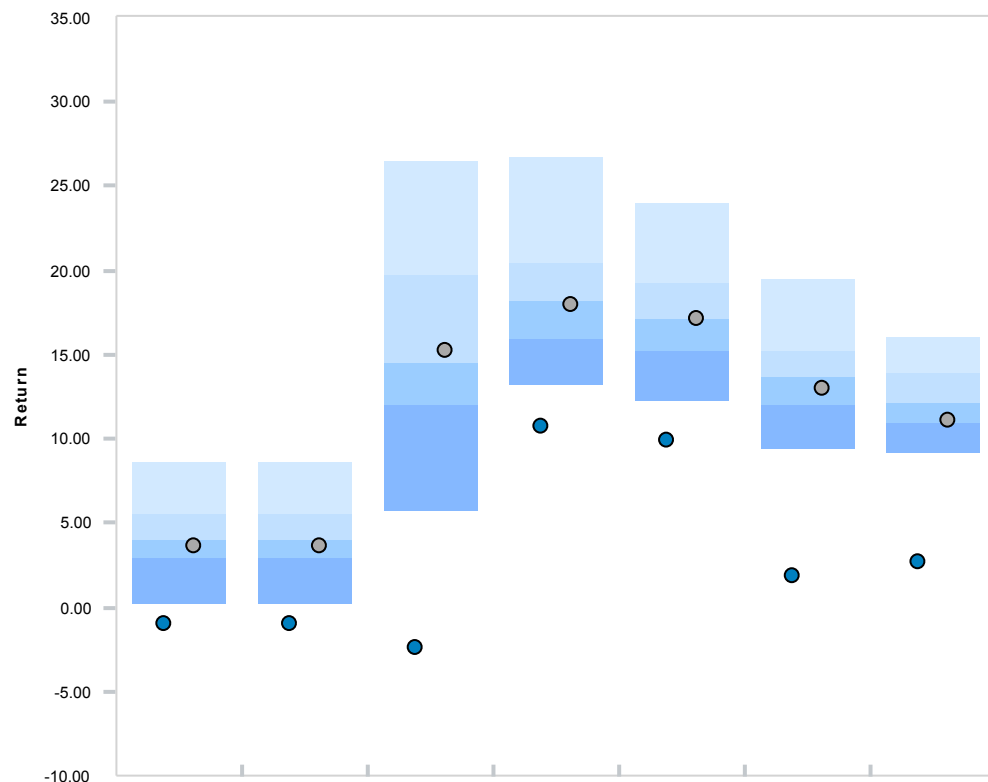
Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|----------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| QMA US MC Equity | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Russell Midcap Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.41 | 1.00 | 5.11 |

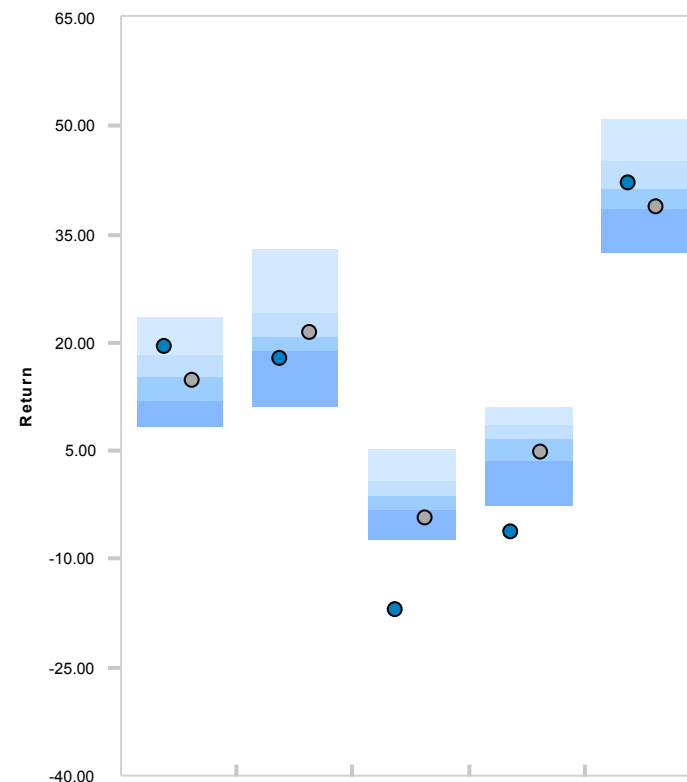
Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|----------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| QMA US MC Equity | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Russell Midcap Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.13 | 1.00 | 5.49 |

Peer Group Analysis - IM U.S. Small Cap Core Equity (SA+CF)



| | QTR | FYTD | 1 YR | 2 YR | 3 YR | 4 YR | 5 YR |
|----------------------|------------|------------|-------------|------------|------------|------------|------------|
| ● SouthernSun SC | -0.99 (99) | -0.99 (99) | -2.43 (100) | 10.69 (99) | 9.93 (100) | 1.78 (100) | 2.66 (100) |
| ● Russell 2000 Index | 3.58 (61) | 3.58 (61) | 15.24 (47) | 17.96 (54) | 17.12 (51) | 12.93 (61) | 11.07 (75) |
| Median | 3.97 | 3.97 | 14.54 | 18.19 | 17.17 | 13.66 | 12.20 |

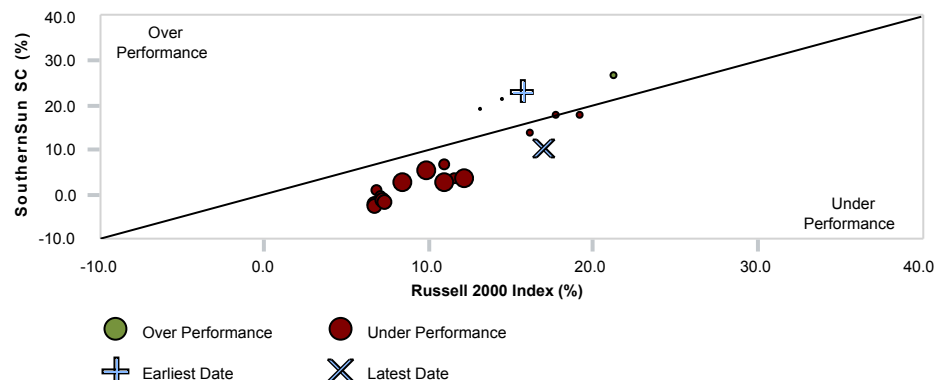


| | 2017 | 2016 | 2015 | 2014 | 2013 |
|----------------------|------------|------------|--------------|------------|------------|
| ● SouthernSun SC | 19.53 (21) | 17.63 (82) | -17.16 (100) | -6.30 (99) | 42.13 (45) |
| ● Russell 2000 Index | 14.65 (57) | 21.31 (46) | -4.41 (82) | 4.89 (65) | 38.82 (73) |
| Median | 15.13 | 20.73 | -1.35 | 6.65 | 41.28 |

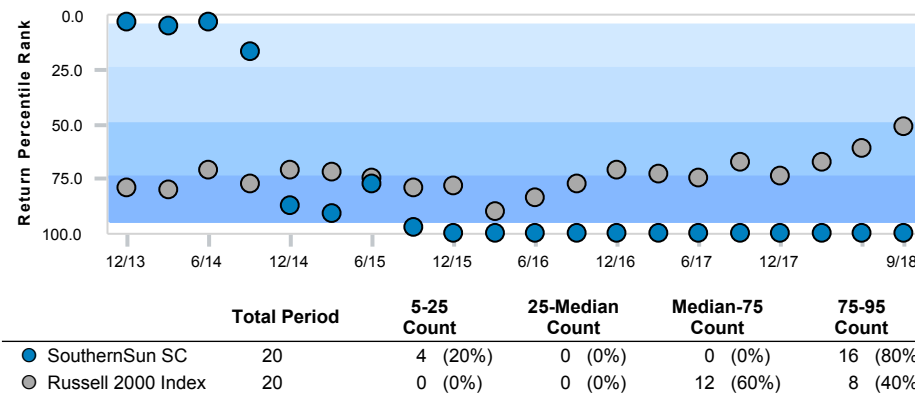
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| SouthernSun SC | 3.41 (96) | -6.14 (100) | 1.52 (94) | 6.67 (27) | 1.93 (56) | 8.29 (1) |
| Russell 2000 Index | 7.75 (29) | -0.08 (50) | 3.34 (59) | 5.67 (47) | 2.46 (47) | 2.47 (57) |
| IM U.S. Small Cap Core Equity (SA+CF) Median | 6.62 | -0.13 | 3.56 | 5.54 | 2.28 | 2.82 |

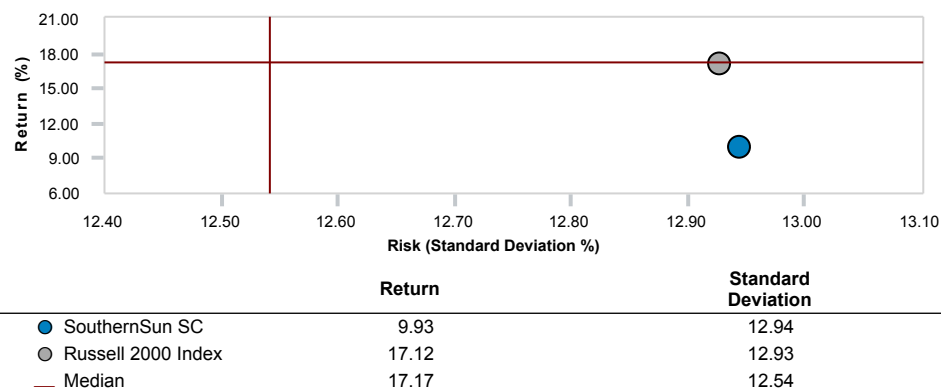
3 Yr Rolling Under/Over Performance - 5 Years



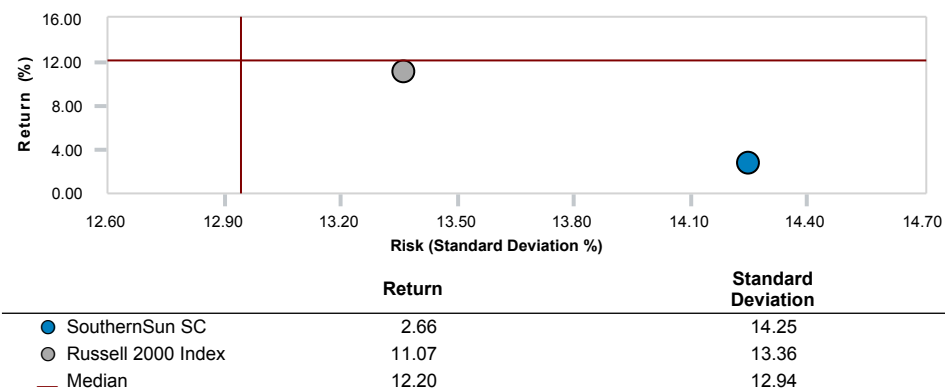
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



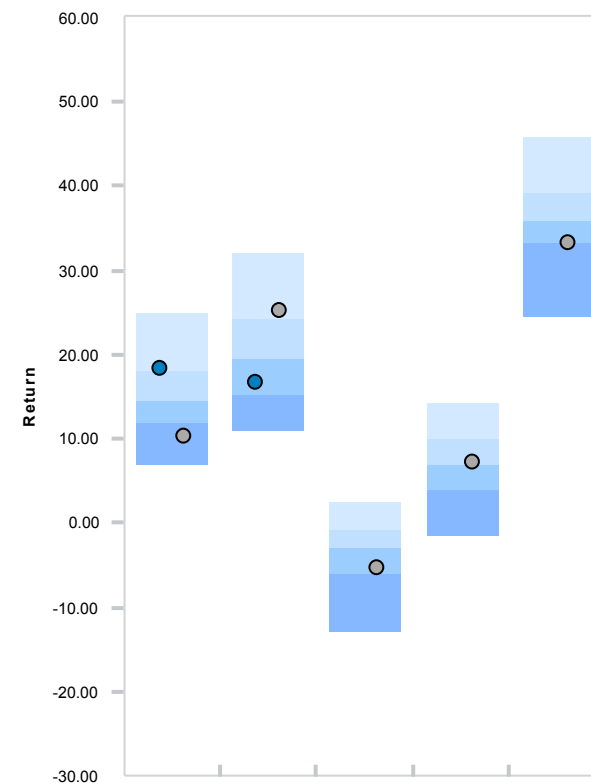
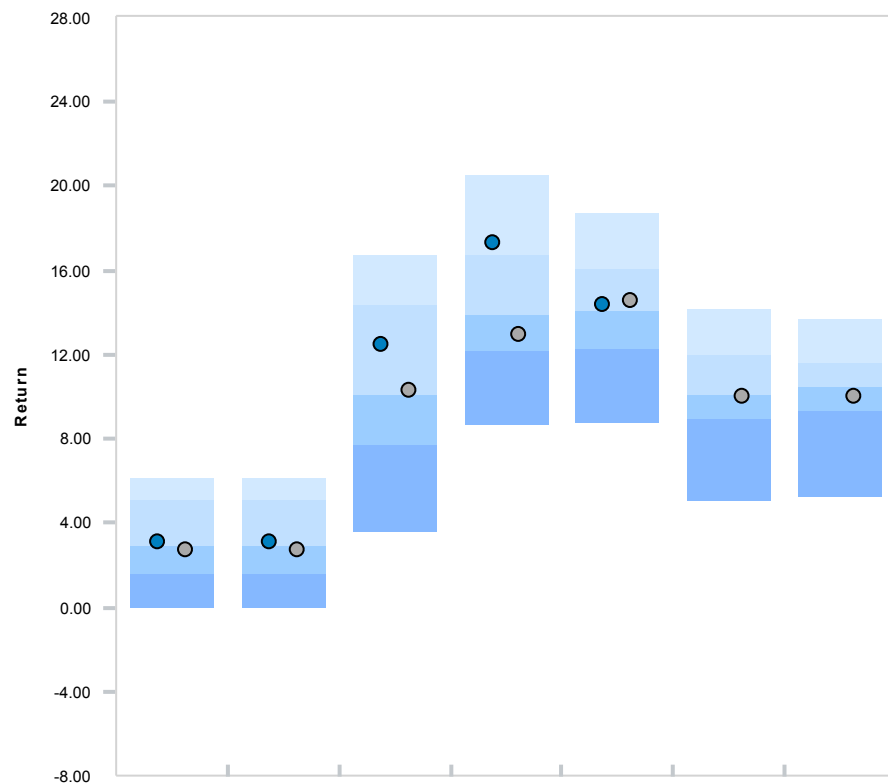
Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|--------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| SouthernSun SC | 7.33 | 76.40 | 102.13 | -3.67 | -0.87 | 0.74 | 0.84 | 7.05 |
| Russell 2000 Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.23 | 1.00 | 7.11 |

Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|--------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| SouthernSun SC | 8.45 | 72.51 | 107.68 | -6.12 | -0.92 | 0.22 | 0.87 | 9.48 |
| Russell 2000 Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 0.82 | 1.00 | 8.12 |

Peer Group Analysis - IM U.S. SMID Cap Value Equity (SA+CF)



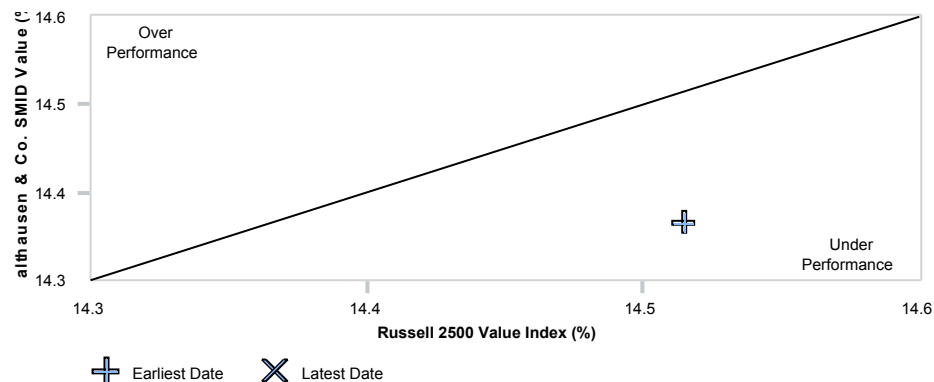
| | QTR | FYTD | 1 YR | 2 YR | 3 YR | 4 YR | 5 YR |
|-------------------------------|-----------|-----------|------------|------------|------------|------------|-----------|
| ● Walthausen & Co. SMID Value | 3.05 (48) | 3.05 (48) | 12.44 (31) | 17.29 (20) | 14.36 (47) | N/A | N/A |
| ● Russell 2500 Value Index | 2.67 (55) | 2.67 (55) | 10.24 (48) | 12.96 (65) | 14.51 (46) | 10.02 (53) | 9.99 (62) |
| Median | 2.91 | 2.91 | 10.09 | 13.89 | 14.04 | 10.09 | 10.48 |

| | 2017 | 2016 | 2015 | 2014 | 2013 |
|-------------------------------|------------|------------|------------|-----------|------------|
| ● Walthausen & Co. SMID Value | 18.43 (21) | 16.63 (68) | N/A | N/A | N/A |
| ● Russell 2500 Value Index | 10.36 (85) | 25.20 (24) | -5.49 (69) | 7.11 (50) | 33.32 (74) |
| Median | 14.63 | 19.40 | -3.01 | 7.06 | 35.78 |

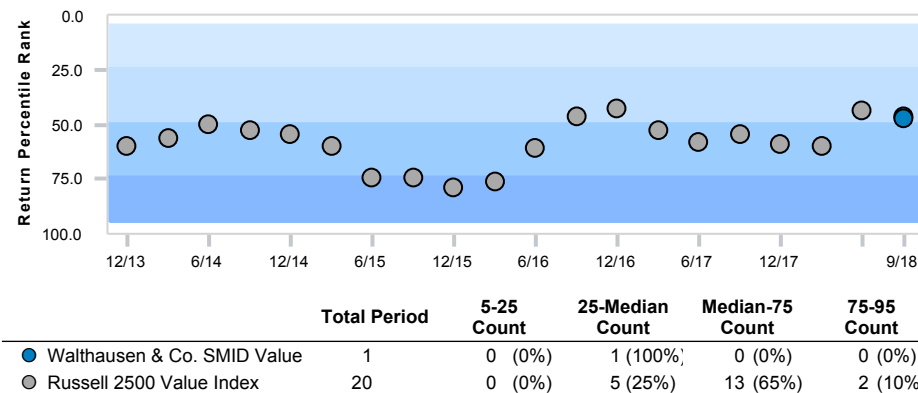
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Walthausen & Co. SMID Value | 4.62 (22) | -0.75 (35) | 5.08 (51) | 4.35 (40) | 3.74 (10) | 4.11 (37) |
| Russell 2500 Value Index | 5.80 (12) | -2.65 (82) | 4.25 (67) | 3.83 (59) | 0.32 (71) | 1.62 (80) |
| IM U.S. SMID Cap Value Equity (SA+CF) Median | 3.06 | -1.36 | 5.14 | 3.97 | 1.61 | 3.79 |

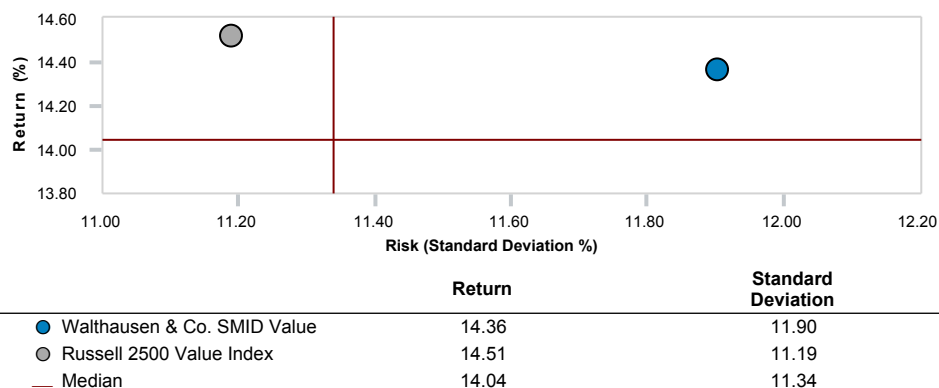
3 Yr Rolling Under/Over Performance - 5 Years



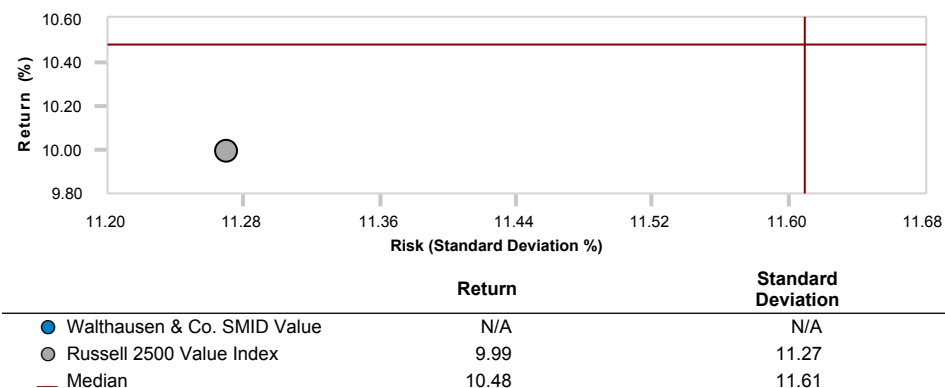
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|-----------------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Walthausen & Co. SMID Value | 3.85 | 96.26 | 90.52 | -0.15 | -0.01 | 1.13 | 1.01 | 5.86 |
| Russell 2500 Value Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 1.20 | 1.00 | 5.84 |

Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|-----------------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Walthausen & Co. SMID Value | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Russell 2500 Value Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 0.86 | 1.00 | 6.57 |

LSV International - Portfolio Description

- Strategy: International Large Cap Value Equity
- Vehicle: Commingled Fund
- Objective: To outperform the MSCI EAFE Index
- Annual fees: .75% on first \$25M
• .65% on next \$25M
- Benchmark: MSCI EAFE Index

LSV International - Strategy Details

The International Large Cap Value Equity strategy's primary emphasis is the use of quantitative techniques to select individual securities in what would be considered a bottom-up approach. A risk control discipline limits the over- or under-exposure of the portfolio to industry concentrations. Value factors and security selection dominate sector/industry factors as explanators of performance. The portfolio decision making process is strictly quantitative and driven by (1) a proprietary model which ranks securities based on fundamental measures of value and indicators of near-term appreciation potential and, (2) a risk control process that controls for residual benchmark risk while maximizing the expected return of the portfolio. There is no subjective modification applied to the results of the process. This leads to a high degree of consistency in the practical application of our investment philosophy.

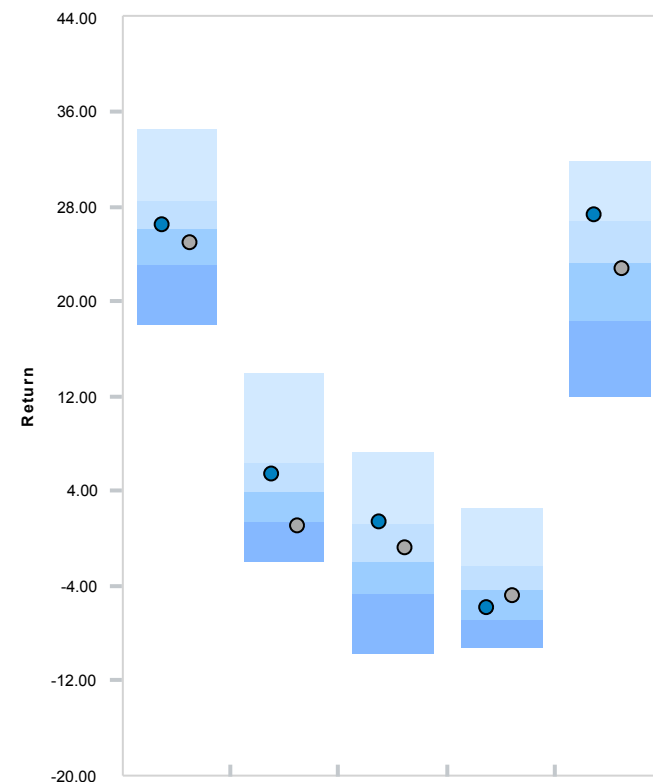
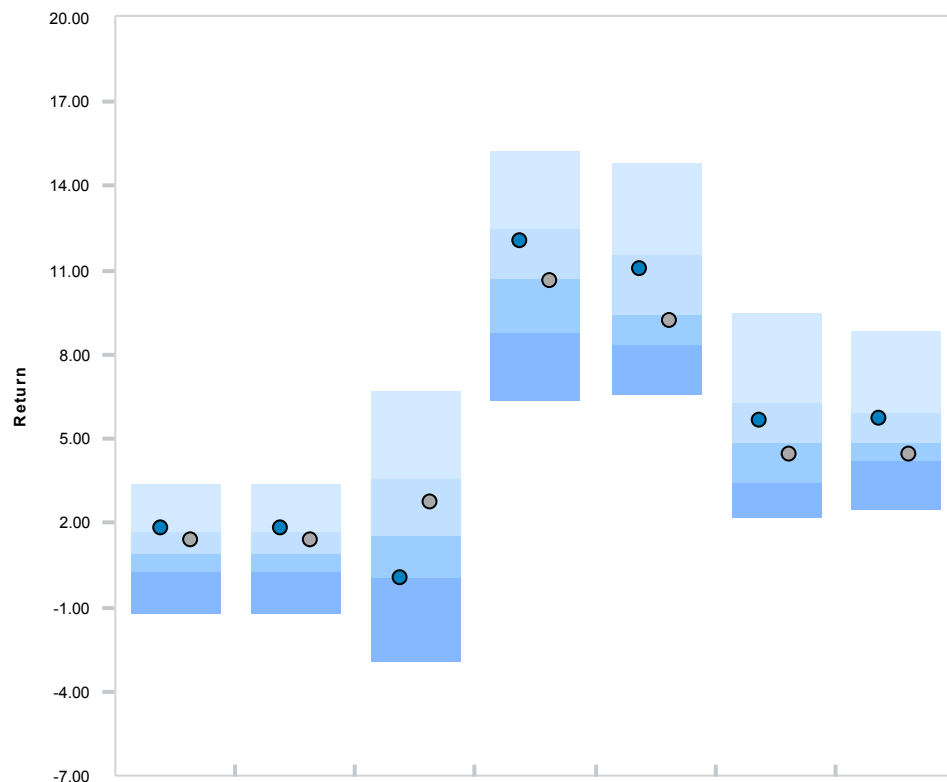
WCM Intl Growth - Portfolio Description

- Strategy: Focused Growth International
- Vehicle: Separately Managed Account
- Objective: To outperform the MSCI EAFE Index
- Annual fees: 1.00% on all assets
- Benchmark: MSCI EAFE Index

WCM Intl Growth - Strategy Details

This is a concentrated, large cap, quality, international growth product. They are distinct from the broad international indices with a traditional growth bias, seeking select quality growth businesses from conventional growth sectors. That combined with a concentrated focus (between 25-40) means the product will have investment characteristics distinct from any broad international benchmark. The product includes mega-, large- and mid-cap international shares from developed and emerging markets. The investment process includes top-down thematic analysis and bottom-up fundamental stock selection. They focus on each company's business model (economic moat), corporate culture, management, and valuation (using conservative DCF models). Currency hedging is not utilized in this strategy but careful attention is paid to region, country, and currency exposures. The projected annual turnover is 15-35%, suggesting tax efficiency for tax-sensitive clients.

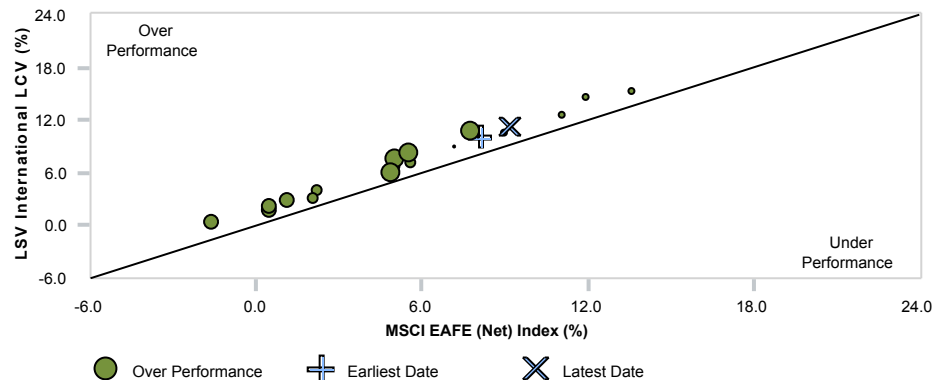
Peer Group Analysis - IM International Large Cap Value Equity (SA+CF)



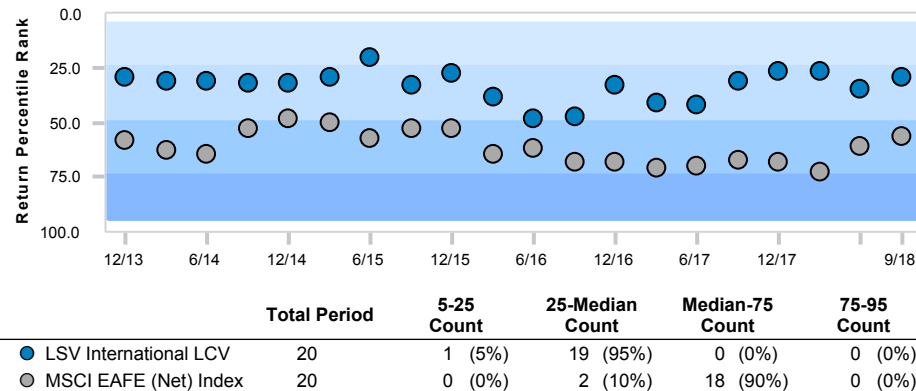
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| LSV International LCV | -3.84 (85) | -1.16 (48) | 3.38 (74) | 7.29 (18) | 6.70 (33) | 6.92 (76) |
| MSCI EAFE (Net) Index | -1.24 (21) | -1.53 (62) | 4.23 (50) | 5.40 (59) | 6.12 (47) | 7.25 (68) |
| IM International Large Cap Value Equity (SA+CF) Median | -2.21 | -1.26 | 4.22 | 5.65 | 6.01 | 7.73 |

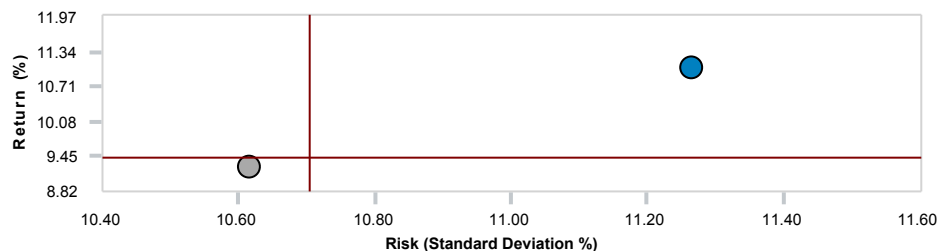
3 Yr Rolling Under/Over Performance - 5 Years



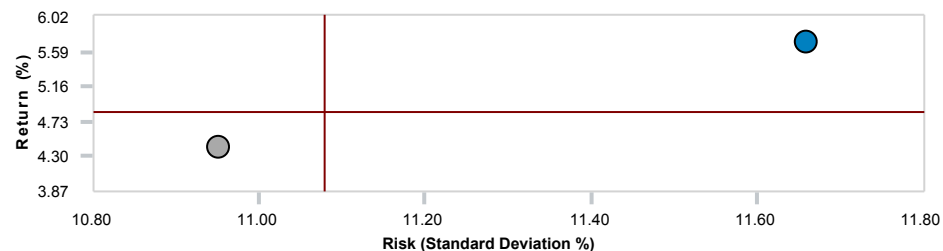
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



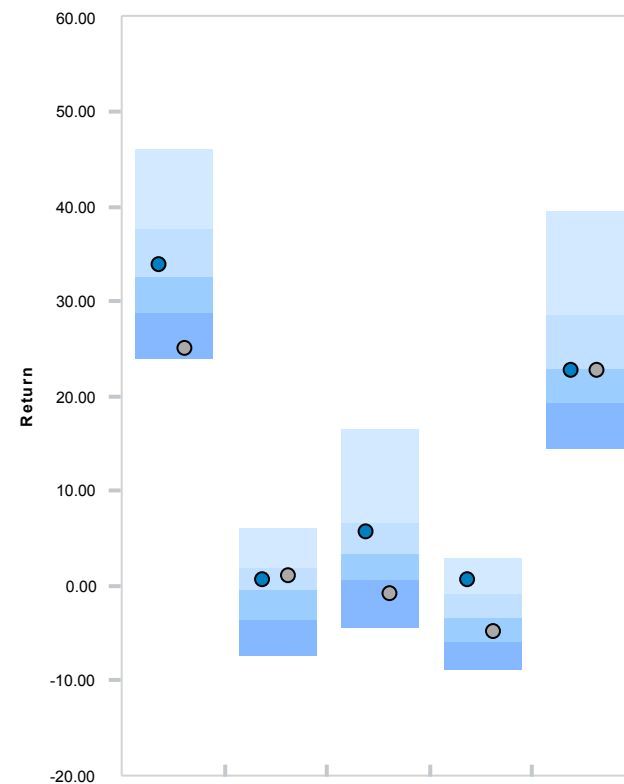
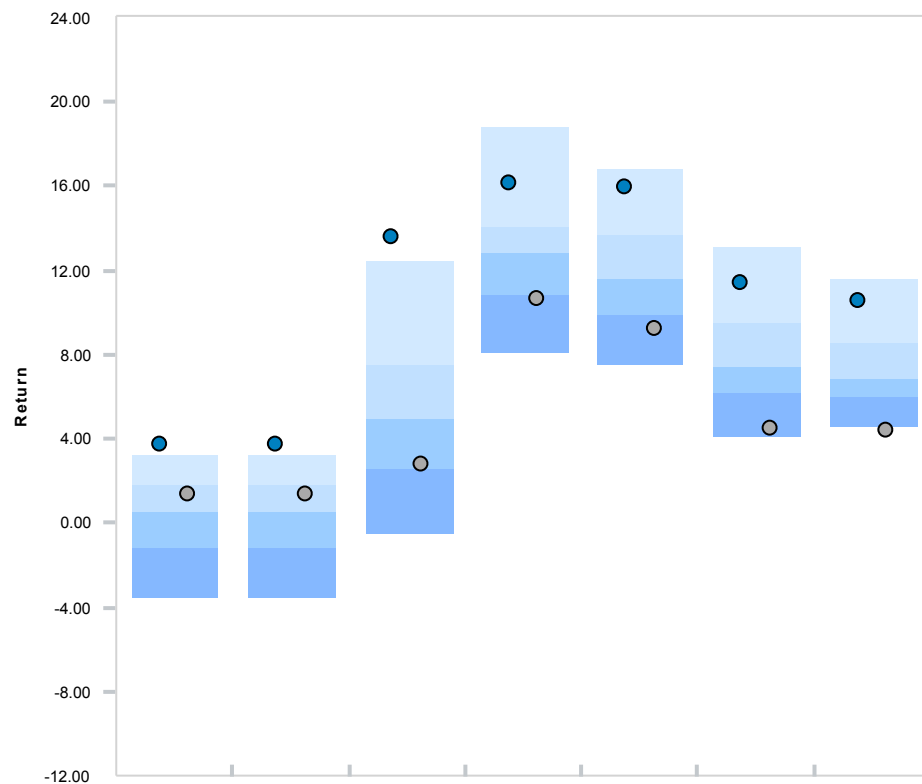
Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|-----------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| LSV International LCV | 2.53 | 107.98 | 98.88 | 1.41 | 0.68 | 0.92 | 1.03 | 6.68 |
| MSCI EAFE (Net) Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 0.81 | 1.00 | 6.17 |

Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|-----------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| LSV International LCV | 2.45 | 106.64 | 99.15 | 1.10 | 0.53 | 0.49 | 1.04 | 7.41 |
| MSCI EAFE (Net) Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 0.41 | 1.00 | 7.13 |

Peer Group Analysis - IM International Growth Equity (SA+CF)

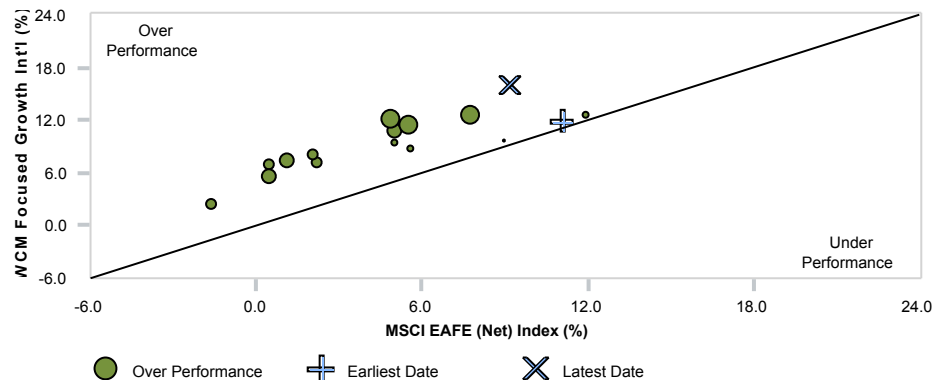


| | QTR | FYTD | 1 YR | 2 YR | 3 YR | 4 YR | 5 YR | 2017 | 2016 | 2015 | 2014 | 2013 |
|----------------------------|-----------|-----------|-----------|------------|-----------|------------|------------|------------|-----------|------------|------------|------------|
| ● WCM Focused Growth Int'l | 3.68 (4) | 3.68 (4) | 13.54 (4) | 16.12 (11) | 15.95 (8) | 11.42 (11) | 10.51 (11) | 33.97 (42) | 0.70 (40) | 5.67 (31) | 0.67 (17) | 22.74 (51) |
| ● MSCI EAFE (Net) Index | 1.35 (35) | 1.35 (35) | 2.74 (72) | 10.62 (79) | 9.23 (83) | 4.46 (94) | 4.42 (97) | 25.03 (93) | 1.00 (34) | -0.81 (86) | -4.90 (66) | 22.78 (51) |
| Median | 0.49 | 0.49 | 5.00 | 12.78 | 11.57 | 7.41 | 6.84 | 32.55 | -0.40 | 3.28 | -3.37 | 22.87 |

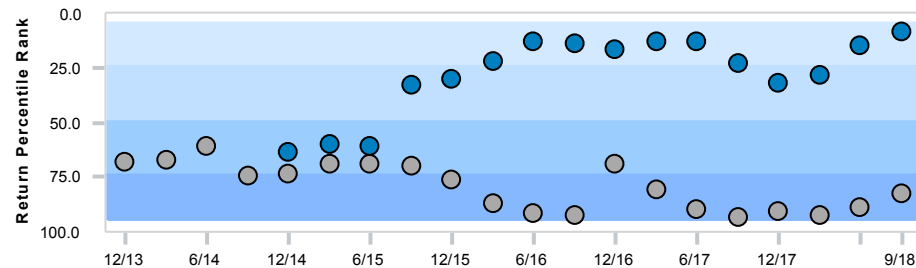
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| WCM Focused Growth Int'l | 2.70 (8) | 1.35 (27) | 5.20 (55) | 5.26 (81) | 9.08 (29) | 10.91 (13) |
| MSCI EAFE (Net) Index | -1.24 (59) | -1.53 (85) | 4.23 (74) | 5.40 (79) | 6.12 (89) | 7.25 (86) |
| IM International Growth Equity (SA+CF) Median | -0.96 | 0.16 | 5.27 | 7.29 | 7.83 | 8.86 |

3 Yr Rolling Under/Over Performance - 5 Years

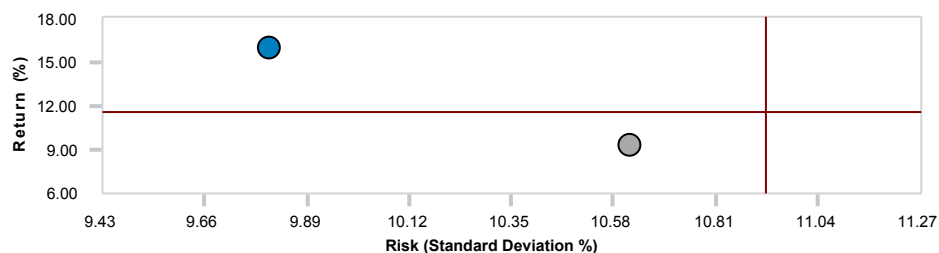


3 Yr Rolling Percentile Ranking - 5 Years



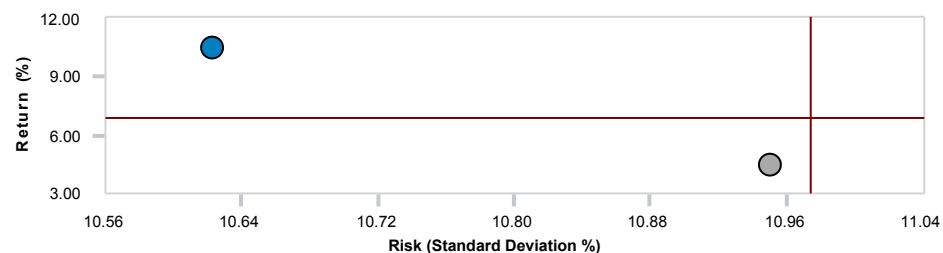
| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|--------------------------|--------------|------------|-----------------|-----------------|-------------|
| WCM Focused Growth Int'l | 16 | 9 (56%) | 4 (25%) | 3 (19%) | 0 (0%) |
| MSCI EAFE (Net) Index | 20 | 0 (0%) | 0 (0%) | 9 (45%) | 11 (55%) |

Peer Group Scattergram - 3 Years



| | Return | Standard Deviation |
|--------------------------|--------|--------------------|
| WCM Focused Growth Int'l | 15.95 | 9.81 |
| MSCI EAFE (Net) Index | 9.23 | 10.62 |
| Median | 11.57 | 10.92 |

Peer Group Scattergram - 5 Years



| | Return | Standard Deviation |
|--------------------------|--------|--------------------|
| WCM Focused Growth Int'l | 10.51 | 10.62 |
| MSCI EAFE (Net) Index | 4.42 | 10.95 |
| Median | 6.84 | 10.97 |

Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|--------------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| WCM Focused Growth Int'l | 6.15 | 91.76 | 29.19 | 8.53 | 0.97 | 1.49 | 0.76 | 5.27 |
| MSCI EAFE (Net) Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 0.81 | 1.00 | 6.17 |

Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|--------------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| WCM Focused Growth Int'l | 5.51 | 94.49 | 48.83 | 6.63 | 1.03 | 0.95 | 0.84 | 6.32 |
| MSCI EAFE (Net) Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 0.41 | 1.00 | 7.13 |

Page Intentionally Left Blank

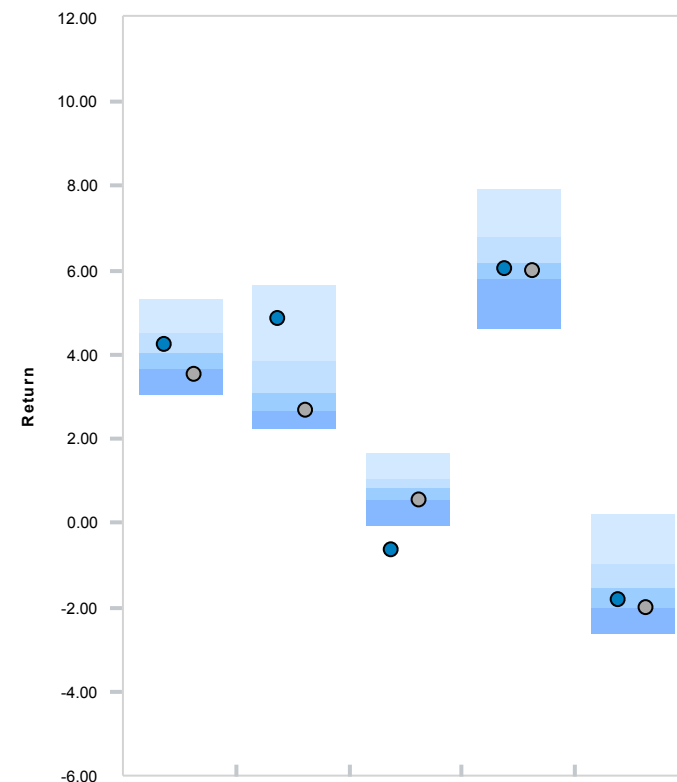
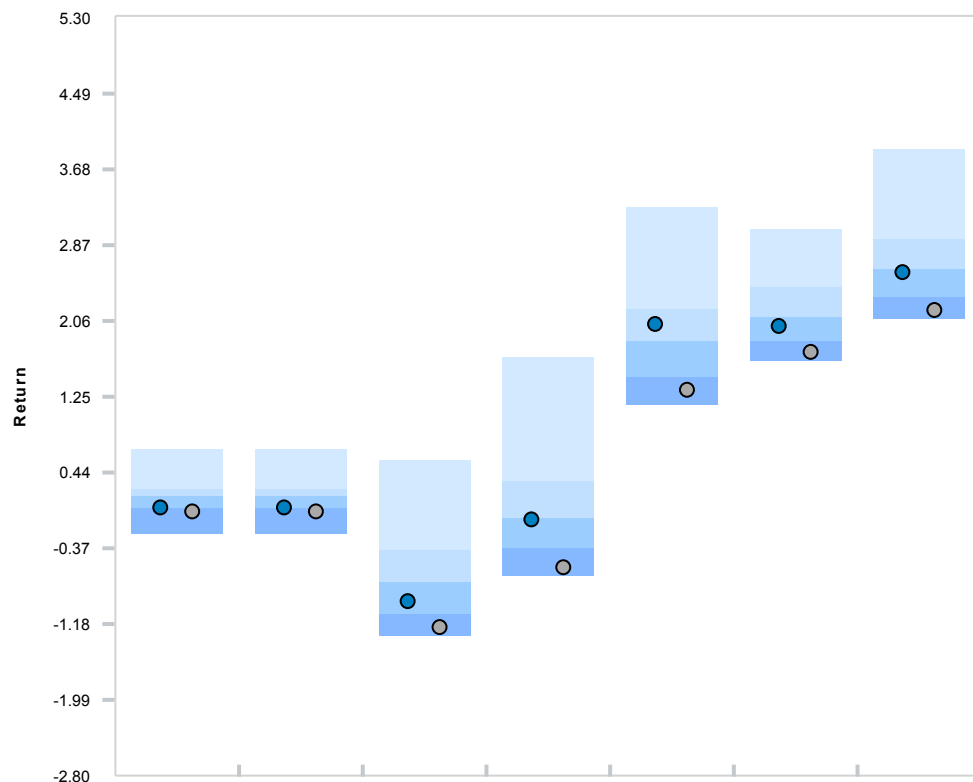
Pacific Moderate Duration - Portfolio Description

- Strategy: Moderate Duration
- Vehicle: Separately Managed Account
- Objective: To outperform the Bloomberg Barclays US Aggregate Index
- Annual fees: .30% on all assets
- Benchmark: Bloomberg Barclays US Aggregate Index

Pacific Moderate Duration - Strategy Details

The Moderate Duration product is a core bond strategy that seeks to outperform the Barclays Capital Aggregate Index on both an absolute and risk-adjusted basis over a full market cycle. The Moderate Duration product invests in U.S. Government securities, mortgage-backed securities, corporate debt securities and asset-backed securities. The product maintains duration of between 3.0 to 7.0 years and is generally within one year of the index.

Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF)

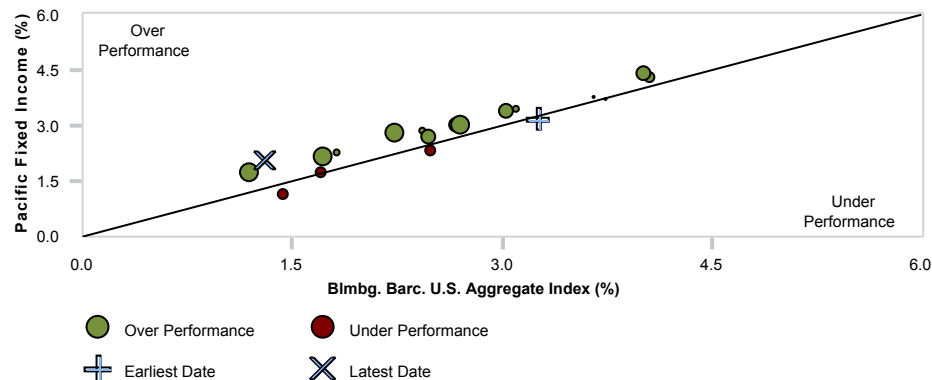


| | QTR | FYTD | 1 YR | 2 YR | 3 YR | 4 YR | 5 YR | | 2017 | 2016 | 2015 | 2014 | 2013 |
|------------------------|-----------|-----------|------------|------------|-----------|-----------|-----------|------------------------|-----------|-----------|------------|-----------|------------|
| ● Pacific Fixed Income | 0.06 (74) | 0.06 (74) | -0.94 (64) | -0.07 (51) | 2.03 (37) | 2.00 (58) | 2.57 (53) | ● Pacific Fixed Income | 4.24 (35) | 4.86 (9) | -0.65 (98) | 6.02 (64) | -1.84 (65) |
| ● Blmbg Barc US Agg | 0.02 (83) | 0.02 (83) | -1.22 (90) | -0.57 (92) | 1.31 (89) | 1.72 (90) | 2.16 (90) | ● Blmbg Barc US Agg | 3.54 (84) | 2.65 (76) | 0.55 (74) | 5.97 (68) | -2.02 (74) |
| Median | 0.18 | 0.18 | -0.74 | -0.06 | 1.84 | 2.10 | 2.61 | Median | 4.06 | 3.10 | 0.82 | 6.17 | -1.56 |

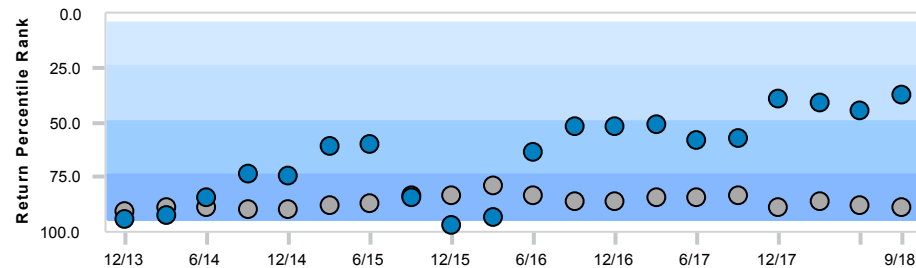
Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Pacific Fixed Income | -0.22 (90) | -1.42 (60) | 0.64 (20) | 1.00 (99) | 1.45 (76) | 1.08 (32) |
| Blmbg. Barc. U.S. Aggregate Index | -0.16 (74) | -1.46 (68) | 0.39 (80) | 0.85 (99) | 1.45 (76) | 0.82 (78) |
| IM U.S. Broad Market Core Fixed Income (SA+CF) Median | -0.09 | -1.37 | 0.51 | 1.54 | 1.54 | 0.94 |

3 Yr Rolling Under/Over Performance - 5 Years

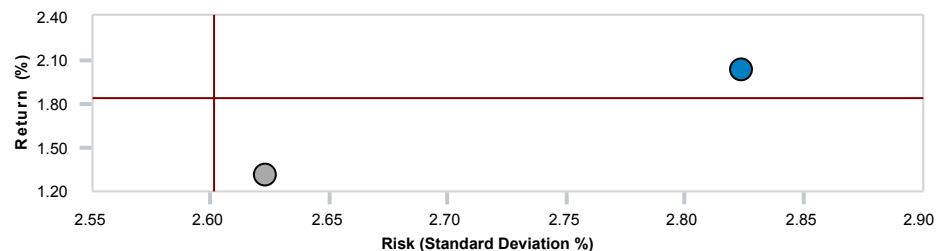


3 Yr Rolling Percentile Ranking - 5 Years



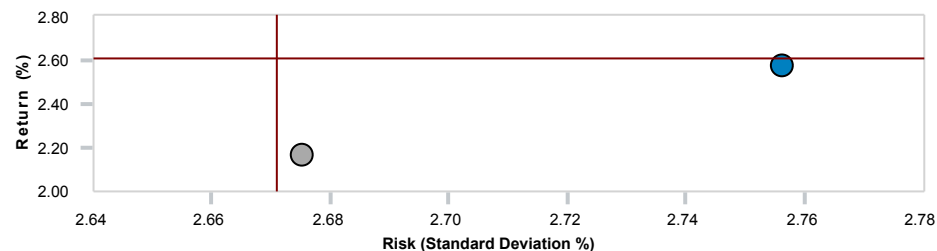
| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|------------------------|--------------|------------|-----------------|-----------------|-------------|
| ● Pacific Fixed Income | 20 | 0 (0%) | 4 (20%) | 10 (50%) | 6 (30%) |
| ● Blmbg Barc US Agg | 20 | 0 (0%) | 0 (0%) | 0 (0%) | 20 (100%) |

Peer Group Scattergram - 3 Years



| | Return | Standard Deviation |
|------------------------|--------|--------------------|
| ● Pacific Fixed Income | 2.03 | 2.82 |
| ● Blmbg Barc US Agg | 1.31 | 2.62 |
| — Median | 1.84 | 2.60 |

Peer Group Scattergram - 5 Years



| | Return | Standard Deviation |
|------------------------|--------|--------------------|
| ● Pacific Fixed Income | 2.57 | 2.76 |
| ● Blmbg Barc US Agg | 2.16 | 2.68 |
| — Median | 2.61 | 2.67 |

Historical Statistics - 3 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|-----------------------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Pacific Fixed Income | 1.12 | 117.02 | 99.52 | 0.73 | 0.64 | 0.44 | 0.99 | 1.79 |
| Blmbg. Barc. U.S. Aggregate Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 0.20 | 1.00 | 1.81 |

Historical Statistics - 5 Years

| | Tracking Error | Up Market Capture | Down Market Capture | Alpha | Information Ratio | Sharpe Ratio | Beta | Downside Risk |
|-----------------------------------|----------------|-------------------|---------------------|-------|-------------------|--------------|------|---------------|
| Pacific Fixed Income | 0.95 | 106.58 | 96.69 | 0.47 | 0.42 | 0.75 | 0.97 | 1.60 |
| Blmbg. Barc. U.S. Aggregate Index | 0.00 | 100.00 | 100.00 | 0.00 | N/A | 0.62 | 1.00 | 1.62 |

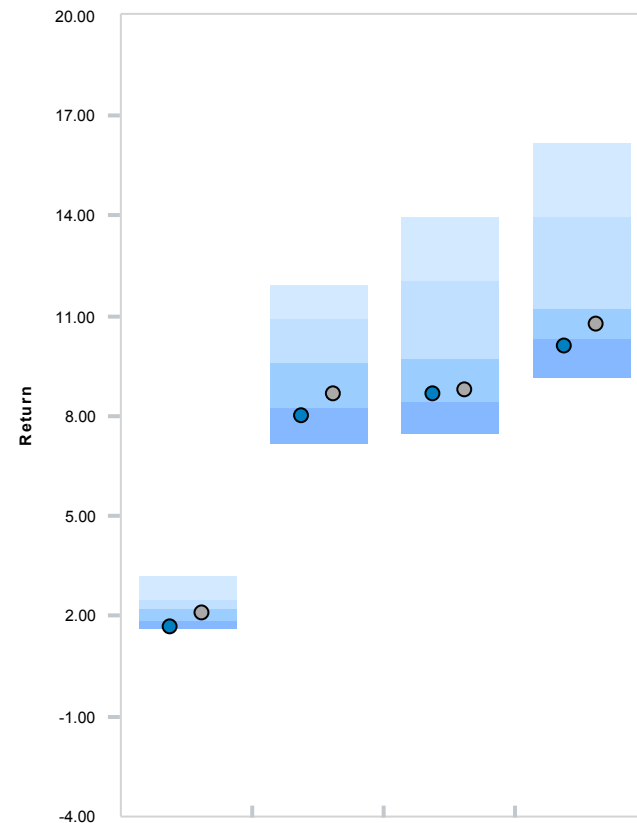
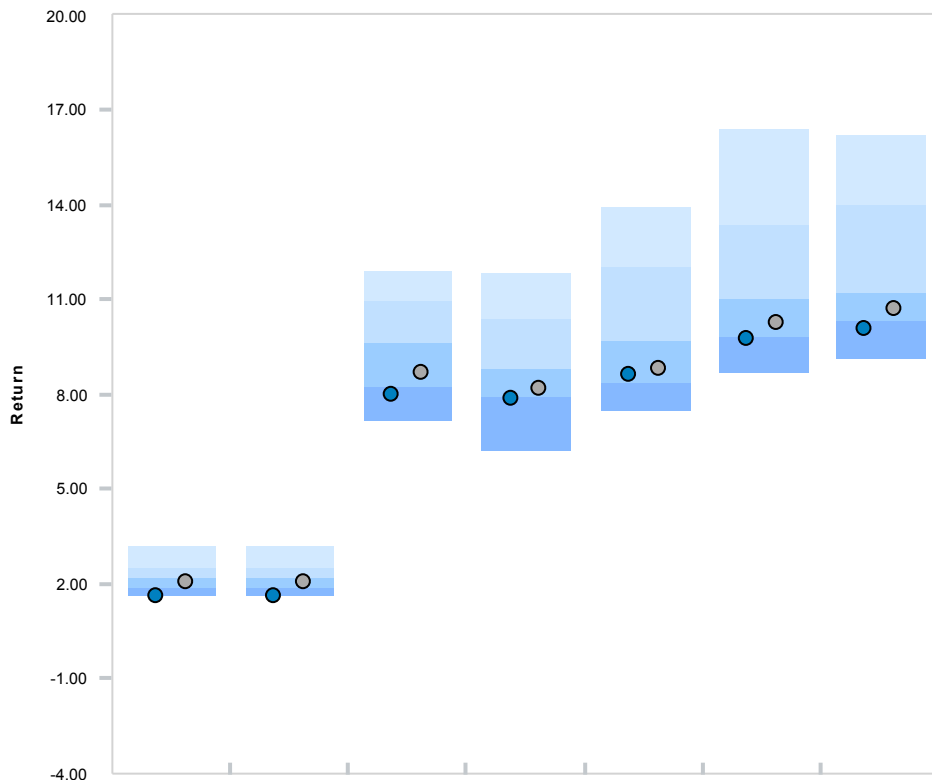
AEW Core Property - Portfolio Description

- Strategy: Core Property Trust
- Vehicle: Open Ended Commingled Real Estate Fund
- Objective: To outperform the NCREIF ODCE Index
- Annual fees: 1.10% on all assets
- Benchmark: NCREIF ODCE Index

AEW Core Property - Strategy Details

The AEW Core Property Trust combines research-driven strategies with on-the-ground market knowledge and experience to construct a diversified portfolio of multifamily, retail, office, industrial and, to a lesser extent, hotel properties. The Fund seeks to acquire primarily well-located, institutional-quality assets in markets throughout the U.S. - investments that are designed to provide durable income streams and appreciation over the mid- to long-term. AEW expects to invest primarily in major metropolitan markets that feature barriers to new supply - whether physical, governmental or economic - as well as solid population and job growth. With limited supply and increasing demand, these markets should provide an opportunity for peak-to-peak rent growth and thus, long-term value creation. The Fund also seeks to exploit America's changing demographics, and the impact they will have on economic growth and demand for real estate. The Fund also focuses on markets and properties that are positively influenced by globalization as it continues to change the nature of U.S. jobs and affect the movement of goods and services and consumer spending. Finally, the Fund's target markets also exhibit economic diversity in terms of the underlying industries that are driving the demand in the marketplace; providing both growth and diversification to the Fund.

Peer Group Analysis - IM U.S. Open End Private Real Estate (SA+CF)



| | QTR | FYTD | 1 YR | 2 YR | 3 YR | 4 YR | 5 YR |
|---------------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| ● AEW Core Property Trust | 1.65 (85) | 1.65 (85) | 8.01 (81) | 7.90 (76) | 8.64 (73) | 9.78 (80) | 10.10 (84) |
| ● NCREIF-ODCE (VW) | 2.09 (60) | 2.09 (60) | 8.68 (67) | 8.17 (67) | 8.80 (70) | 10.30 (63) | 10.72 (64) |
| Median | 2.19 | 2.19 | 9.63 | 8.83 | 9.72 | 11.02 | 11.25 |

| | FYTD | 1 YR | 3 YR | 5 YR |
|---------------------------|-----------|-----------|-----------|------------|
| ● AEW Core Property Trust | 1.65 (85) | 8.01 (81) | 8.64 (73) | 10.10 (84) |
| ● NCREIF-ODCE (VW) | 2.09 (60) | 8.68 (67) | 8.80 (70) | 10.72 (64) |
| Median | 2.19 | 9.63 | 9.72 | 11.25 |

Comparative Performance

| | 1 Qtr Ending Jun-2018 | 1 Qtr Ending Mar-2018 | 1 Qtr Ending Dec-2017 | 1 Qtr Ending Sep-2017 | 1 Qtr Ending Jun-2017 | 1 Qtr Ending Mar-2017 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| AEW Core Property Trust | 2.31 (46) | 1.66 (87) | 2.16 (58) | 1.79 (47) | 1.77 (67) | 2.02 (44) |
| NCREIF Fund Index-ODCE (VW) | 2.05 (70) | 2.20 (54) | 2.07 (70) | 1.87 (44) | 1.70 (70) | 1.77 (54) |
| IM U.S. Open End Private Real Estate (SA+CF) Median | 2.25 | 2.22 | 2.26 | 1.75 | 1.91 | 1.91 |

Bloomfield Income Fund - Portfolio Description

- Strategy: Bloomfield Capital Income Fund II
- Objective: To provide an absolute return in excess of 9%
- Annual fees: 2.00% on Committed Capital

Bloomfield Income Fund - Strategy Details

The Bloomfield Capital Income Fund II is a real estate opportunity fund focused on two primary strategies. 1. Originating senior secured, high yield, interim and bridge loans on income producing real estate in the U.S. and 2. Acquiring a diverse portfolio of commercial mortgage loans, deeds of trust, and other real estate related opportunistic investments. The Fund's objective is to build a diverse portfolio of senior, secured mortgages providing investors with consistent income and superior risk adjusted returns. Bloomfield Capital targets a double-digit yield on secure, risk-mitigated investments. The portfolio management team implements conservative underwriting techniques to provide a margin of safety.

Metropolitan MREP VI - Portfolio Description

- Strategy: Metropolitan Real Estate MREP VI Fund
- Vehicle: Real Estate Fund of Funds
- Objective: To outperform the NCREIF Property Index
- Annual fees: 1.35% on first \$5M
- 1.00% on the next \$20M
- Benchmark: NCREIF Property Index

Metropolitan MREP VI - Strategy Details

Invest in a diversified portfolio of private real estate funds or other investment vehicles with direct or indirect exposure to real estate. The manager invests in funds with exposure to office, retail, industrials, multi-family, and other types of properties located primarily in the United States. The manager selects value added and opportunistic funds with superior performance track records. The manager diversifies the strategy across property types, geographic markets, managers, and strategies.

RMK Timber - Portfolio Description

- Strategy: RMK Global Timberland Resources US Fund
RMK Global Timberland Resources Intl Alternative Investment
- Objective: To outperform the NCREIF Timberland Index
- Management fees: US Fund: 1.00%
Intl Fund: 1.25%
- Performance Fee: US Fund: 20% (6% Hurdle)
Intl Fund: 20% (10% Hurdle)

RMK Timber - Strategy Details

The portfolio team develops an investment strategy for the Fund based on the current environment and market forecasts for timberlands, and related end products. RMK utilizes industry contacts to identify attractive acquisition targets that achieve the Fund's investment strategy. Prior to purchasing a tract of land, the team performs rigorous due diligence and develops an asset management plan. The portfolio is actively managed, evaluating the benefits of harvesting the forests, letting the trees further mature, or selling the timberland. The manager will diversify the portfolio by growth stage/maturity of the forests, geographic locations (50% US exposure / 50% International exposure), and species.

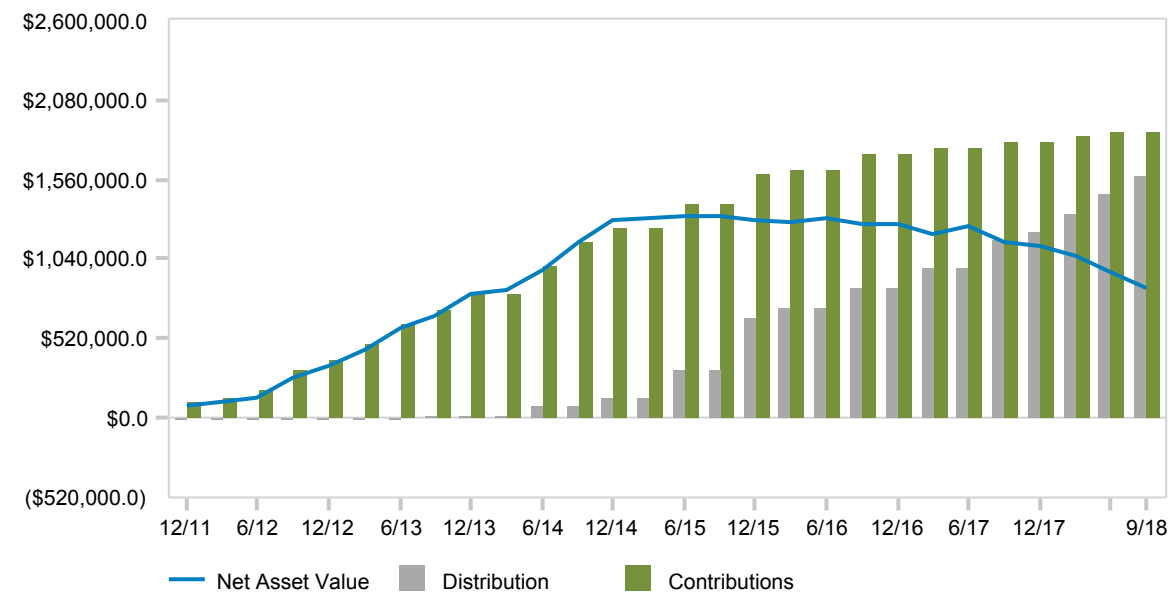
Fund Information

| | | | |
|----------------------|--|-----------------|------------|
| Type of Fund: | Fund Of Funds | Vintage Year: | 2008 |
| Strategy Type: | Real Estate | Management Fee: | 1% |
| Target IRR: | 9% | Inception: | 03/19/2008 |
| General Partner: | MREP6, LLC | | |
| Investment Strategy: | Private Equity Real Estate value add/opportunistic multi-manager | | |

Cash Flow Summary

| | |
|-------------------------------|-------------|
| Capital Committed: | \$2,000,000 |
| Capital Invested: | \$1,871,551 |
| Management Fees: | - |
| Expenses: | - |
| Interest: | \$1,188 |
| Total Contributions: | \$1,872,739 |
| Remaining Capital Commitment: | \$128,449 |
| Total Distributions: | \$1,582,339 |
| Market Value: | \$845,385 |
| Inception Date: | 11/30/2011 |
| Inception IRR: | 9.2 |
| TVPI: | 1.3 |

Cash Flow Analysis



Fund Information

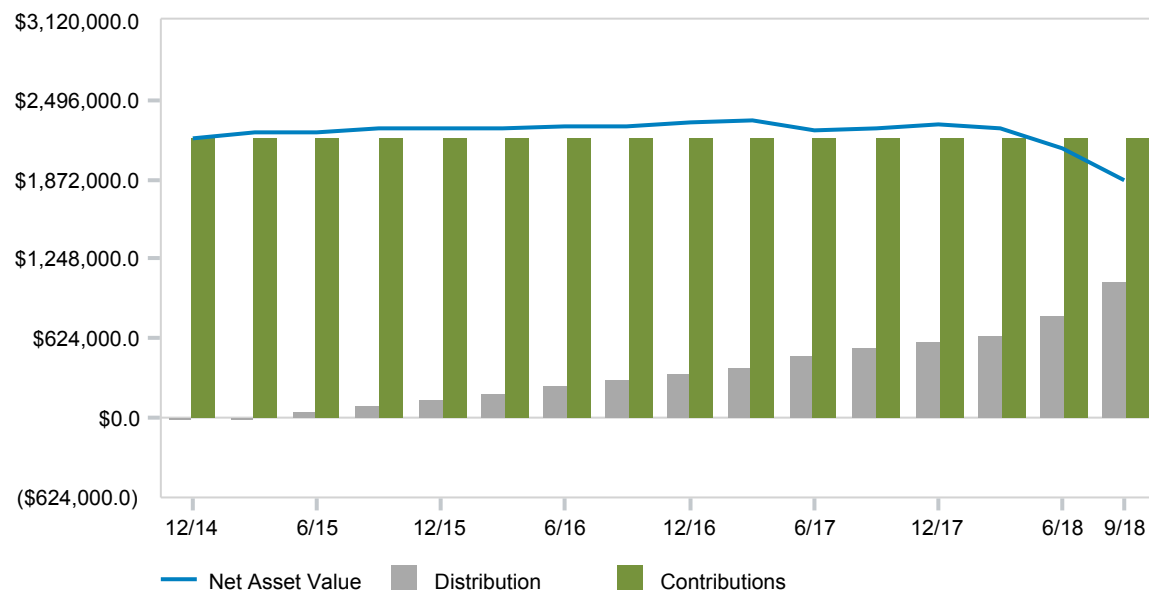
| | | | |
|-----------------------------|---|------------------------|------------|
| Type of Fund: | Direct | Vintage Year: | 2011 |
| Strategy Type: | Other | Management Fee: | 2.00% |
| Target IRR: | 9.00% | Inception: | 11/13/2011 |
| General Partner: | Bloomfield Capital Partners, LLC | | |
| Investment Strategy: | Bloomfield Capital Income Fund II invests primarily in debt obligations consisting of commercial mortgage loans, deeds of trust and other real estate and/or debt-related investments, with the objective of creating a diversified portfolio producing strong and consistent returns while providing considerable downside protection. | | |

The Fund's investment strategy has a primary focus on commercial real estate loans and investments collateralized by significant margins of protective collateral such as real estate and other assets including but not limited to cash, marketable securities, equity interests, corporate interests and personal/corporate guarantees.

Cash Flow Summary

| | |
|--------------------------------------|-------------|
| Capital Committed: | \$2,200,000 |
| Capital Invested: | \$2,200,000 |
| Management Fees: | \$306,000 |
| Expenses: | \$127,326 |
| Interest: | - |
| Total Contributions: | \$2,200,000 |
| Remaining Capital Commitment: | \$146,667 |
| Total Distributions: | \$1,065,031 |
| Market Value: | \$1,865,959 |
| Inception Date: | 12/22/2014 |
| Inception IRR: | 9.1 |
| TVPI: | 1.3 |

Cash Flow Analysis



Fund Information

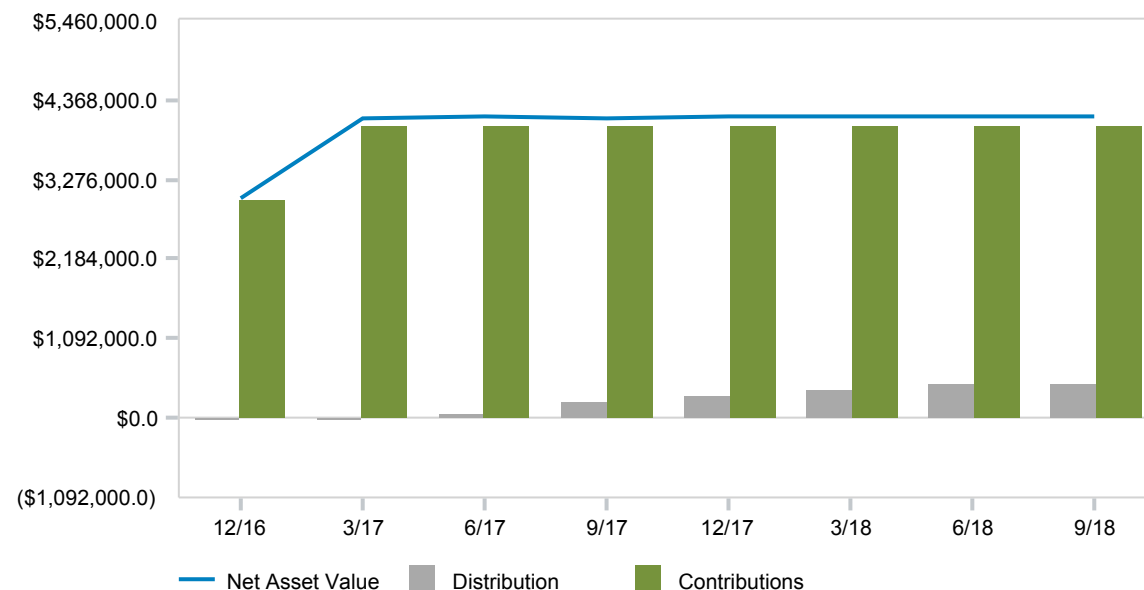
| | | | |
|-----------------------------|--|------------------------|------------|
| Type of Fund: | Direct | Vintage Year: | 2015 |
| Strategy Type: | Other | Management Fee: | 2.00% |
| Target IRR: | 8.00% | Inception: | 11/01/2015 |
| General Partner: | Bloomfield Capital Partners, LLC | | |
| Investment Strategy: | Bloomfield Capital Income Fund III invests primarily in debt obligations consisting of commercial mortgage loans, deeds of trust and other real estate and/or debt-related investments, with the objective of creating a diversified portfolio producing strong and consistent returns while providing considerable downside protection. | | |

The Fund's investment strategy has a primary focus on commercial real estate loans and investments collateralized by significant margins of protective collateral such as real estate and other assets including but not limited to cash, marketable securities, equity interests, corporate interests and personal/corporate guarantees.

Cash Flow Summary

| | |
|--------------------------------------|-------------|
| Capital Committed: | \$4,000,000 |
| Capital Invested: | \$4,000,000 |
| Management Fees: | \$229,427 |
| Expenses: | \$71,946 |
| Interest: | - |
| Total Contributions: | \$4,000,000 |
| Remaining Capital Commitment: | - |
| Total Distributions: | \$472,110 |
| Market Value: | \$4,142,502 |
| Inception Date: | 12/31/2016 |
| Inception IRR: | 9.2 |
| TVPI: | 1.2 |

Cash Flow Analysis



| Total Fund Policy | |
|-----------------------------------|-------------------|
| Allocation Mandate | Weight (%) |
| Jan-1985 | |
| S&P 500 Index | 20.50 |
| S&P MidCap 400 Index | 16.00 |
| Russell 2000 Index | 14.00 |
| MSCI EAFE (Net) Index | 15.00 |
| Blmbg. Barc. U.S. Aggregate Index | 30.00 |
| NCREIF Fund Index-ODCE (VW) | 4.50 |

| | |
|-----------------------------------|-------|
| Jan-2017 | |
| S&P 500 Index | 20.00 |
| Russell Midcap Index | 14.00 |
| Russell 2000 Index | 14.00 |
| MSCI EAFE (Net) Index | 15.50 |
| Blmbg. Barc. U.S. Aggregate Index | 20.00 |
| Blmbg. Barc. Global Multiverse | 2.00 |
| NCREIF Fund Index-ODCE (VW) | 6.00 |
| HFRI FOF: Diversified Index | 5.00 |
| NCREIF Timberland Index | 3.50 |

| Total Fixed Income Policy | |
|-----------------------------------|-------------------|
| Allocation Mandate | Weight (%) |
| Jan-1976 | |
| Blmbg. Barc. U.S. Aggregate Index | 100.00 |

| Total Real Estate Policy | |
|---------------------------------|-------------------|
| Allocation Mandate | Weight (%) |
| Jan-1978 | |
| NCREIF Property Index | 100.00 |

| Total Domestic Equity Policy | |
|-------------------------------------|-------------------|
| Allocation Mandate | Weight (%) |
| Jan-1985 | |
| S&P 500 Index | 40.00 |
| S&P MidCap 400 Index | 32.00 |
| Russell 2000 Index | 28.00 |

| Total International Equity Policy | |
|--|-------------------|
| Allocation Mandate | Weight (%) |
| Jan-1970 | |
| MSCI EAFE (Net) Index | 100.00 |

| Total Timber Policy | |
|----------------------------|-------------------|
| Allocation Mandate | Weight (%) |
| Apr-1987 | |
| NCREIF Timberland Index | 100.00 |

Plan Disclosures:

- All composite returns (except Timber and Real Estate) prior to March 31, 2015 was obtained from prior consultant.
- Though there was no changes made to any of the composites (except Timber and Real Estate) from 3/31/2015 and back to inception, and are shown as reported by prior consultant, there are changes made to individual portfolios.
- AEW Core Property- obtained all historical statements and built history.
- Bloomfield Capital Income Fund- obtained all historical statements and built history.
- Metropolitan Real Estate VI- obtained all historical statements and built history.
- RMK Timberland Intl Fund- obtained all historical statements and built history.
- RMK Timberland US Fund- obtained all historical statements and built history.
- After rebuilding history for all Real Estate Funds and all Timber funds, recalculated composite returns for each composite.

Southfield Employees Retirement System

Fee Analysis

As of September 30, 2018

| | Estimated Annual Fee (%) | Market Value (\$) | Estimated Annual Fee (\$) | Fee Schedule |
|------------------------------------|--------------------------|-------------------|---------------------------|---|
| Comerica S&P 500 Index Fund | 0.08 | 25,610,824 | 21,766 | 0.12 % of First \$2 M 0.10 % of Next \$3 M 0.08 % of Next \$20 M 0.06 % of Next \$25 M 0.04 % of Next \$50 M 0.02 % Thereafter |
| Champlain MC Equity | 0.85 | 8,616,335 | 73,239 | 0.85 % of Assets |
| QMA US MC Equity | 0.00 | 7,745,397 | 349 | 0.00 % of Assets |
| SouthernSun SC | 1.00 | 12,161,447 | 121,614 | 1.00 % of First \$15 M 0.85 % Thereafter |
| Walhausen & Co. SMID Value | 0.93 | 6,234,003 | 57,989 | 0.95 % of First \$5 M 0.85 % of Next \$20 M 0.75 % of Next \$25 M 0.65 % Thereafter |
| Total Domestic Equity | 0.46 | 60,368,006 | 274,957 | |
| WCM Focused Growth International | 0.75 | 9,847,645 | 73,857 | 0.75 % of Assets |
| LSV International LCV | 0.75 | 9,880,807 | 74,106 | 0.75 % of First \$25 M 0.65 % of Next \$25 M 0.55 % of Next \$50 M 0.45 % Thereafter |
| Total International Equity | 0.75 | 19,728,452 | 147,963 | |
| Pacific Fixed Income | 0.30 | 9,958,682 | 29,876 | 0.30 % of Assets |
| Templeton Global Bond R6 (FBNRX) | 0.51 | 3,217,690 | 16,410 | 0.51 % of Assets |
| Bloomfield Capital Income Fund II | 2.00 | 1,865,959 | 37,319 | 2.00 % of Assets |
| Bloomfield Capital Income Fund III | 2.00 | 4,142,502 | 82,850 | 2.00 % of Assets |
| Total Fixed Income | 0.87 | 19,184,833 | 166,455 | |
| AEW Core Property Trust | 1.25 | 6,747,827 | 84,348 | 1.25 % of Assets |
| Metropolitan Real Estate V | 1.00 | 845,385 | 8,454 | 1.00 % of Assets |
| Total Real Estate | 1.22 | 7,593,212 | 92,802 | |
| Magnitude Institutional | 1.00 | 2,776,336 | 27,763 | 1.00 % of Assets |
| Titan Masters Int'l Fund | 0.75 | 2,617,309 | 19,630 | 0.75 % of Assets |
| Total Hedge Fund of Funds | 0.88 | 5,393,645 | 47,393 | |
| RMK Timberland US Fund | 1.00 | 1,974,043 | 19,740 | 1.00 % of Assets |
| RMK Timberland Intl Fund | 1.25 | 931,448 | 11,643 | 1.25 % of Assets |
| Total Timber Funds | 1.08 | 2,905,491 | 31,384 | |
| Cash | | 1,296,480 | - | |



Southfield Employees Retirement System

Fee Analysis

As of September 30, 2018

| | Estimated Annual Fee (%) | Market Value (\$) | Estimated Annual Fee (\$) | Fee Schedule |
|-------------------|--------------------------------|----------------------|---------------------------------|--------------|
| Total Fund | 0.65 | 116,470,120 | 760,955 | |

| | |
|---------------------------------------|---|
| Active Return | - Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period. |
| Alpha | - A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market. |
| Beta | - A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk. |
| Consistency | - The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance. |
| Distributed to Paid In (DPI) | - The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against. |
| Down Market Capture | - The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance |
| Downside Risk | - A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product. |
| Excess Return | - Arithmetic difference between the manager's performance and the risk-free return over a specified time period. |
| Excess Risk | - A measure of the standard deviation of a portfolio's performance relative to the risk free return. |
| Information Ratio | - This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio. |
| Public Market Equivalent (PME) | - Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index. |
| R-Squared | - The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark. |
| Return | - Compounded rate of return for the period. |
| Sharpe Ratio | - Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance. |
| Standard Deviation | - A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period. |
| Total Value to Paid In (TVPI) | - The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life |
| Tracking Error | - This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark. |
| Treynor Ratio | - Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance. |
| Up Market Capture | - The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance. |

AndCo compiled this report for the sole use of the client for which it was prepared. AndCo is responsible for evaluating the performance results of the Total Fund along with the investment advisors by comparing their performance with indices and other related peer universe data that is deemed appropriate. AndCo uses the results from this evaluation to make observations and recommendations to the client.

AndCo uses time-weighted calculations which are founded on standards recommended by the CFA Institute. The calculations and values shown are based on information that is received from custodians. AndCo analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides AndCo with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides AndCo with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause AndCo to believe that the information presented is significantly misstated.

This performance report is based on data obtained by the client's custodian(s), investment fund administrator, or other sources believed to be reliable. While these sources are believed to be reliable, the data providers are responsible for the accuracy and completeness of their statements. Clients are encouraged to compare the records of their custodian(s) to ensure this report fairly and accurately reflects their various asset positions.

The strategies listed may not be suitable for all investors. We believe the information provided here is reliable, but do not warrant its accuracy or completeness. Past performance is not an indication of future performance. Any information contained in this report is for informational purposes only and should not be construed to be an offer to buy or sell any securities, investment consulting, or investment management services.

Additional information included in this document may contain data provided by from index databases, public economic sources and the managers themselves.

This document may contain data provided by Bloomberg Barclays. Bloomberg Barclays Index data provided by way of Barclays Live.

This document may contain data provided by Standard and Poor's. Nothing contained within any document, advertisement or presentation from S&P Indices constitutes an offer of services in jurisdictions where S&P Indices does not have the necessary licenses. All information provided by S&P Indices is impersonal and is not tailored to the needs of any person, entity or group of persons. Any returns or performance provided within any document is provided for illustrative purposes only and does not demonstrate actual performance. Past performance is not a guarantee of future investment results.

This document may contain data provided by MSCI, Inc. Copyright MSCI, 2017. Unpublished. All Rights Reserved. This information may only be used for your internal use, may not be reproduced or disseminated in any form and may not be used to create any financial instruments or products or any indices. This information is provided on an "as is" basis and the user of this information assumes the entire risk of any use it may make or permit to be made of this information. Neither MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information makes any express or implied warranties or representations with respect to such information or the results to be obtained by the use thereof, and MSCI, its affiliates and each such other person hereby expressly disclaim all warranties (including, without limitation, all warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information have any liability for any direct, indirect, special, incidental, punitive, consequential or any other damages (including, without limitation, lost profits) even if notified of, or if it might otherwise have anticipated, the possibility of such damages.

This document may contain data provided by Russell Investment Group. Russell Investment Group is the source owner of the data contained or reflected in this material and all trademarks and copyrights related thereto. The material may contain confidential information and unauthorized use, disclosure, copying, dissemination or redistribution is strictly prohibited. This is a user presentation of the data. Russell Investment Group is not responsible for the formatting or configuration of this material or for any inaccuracy in presentation thereof.

This document may contain data provided by Morningstar. All rights reserved. Use of this content requires expert knowledge. It is to be used by specialist institutions only. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied, adapted or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information, except where such damages or losses cannot be limited or excluded by law in your jurisdiction. Past financial performance is not guarantee of future results.

Putting clients first.



CHICAGO | CLEVELAND | DALLAS | DETROIT | ORLANDO | PITTSBURGH | RENO | TULSA

AndCo Consulting | (844) 44-ANDCO | *AndCoConsulting.com*