

Investment Performance Review
Period Ending June 30, 2019

Town of Lantana Police Officers' Retirement System

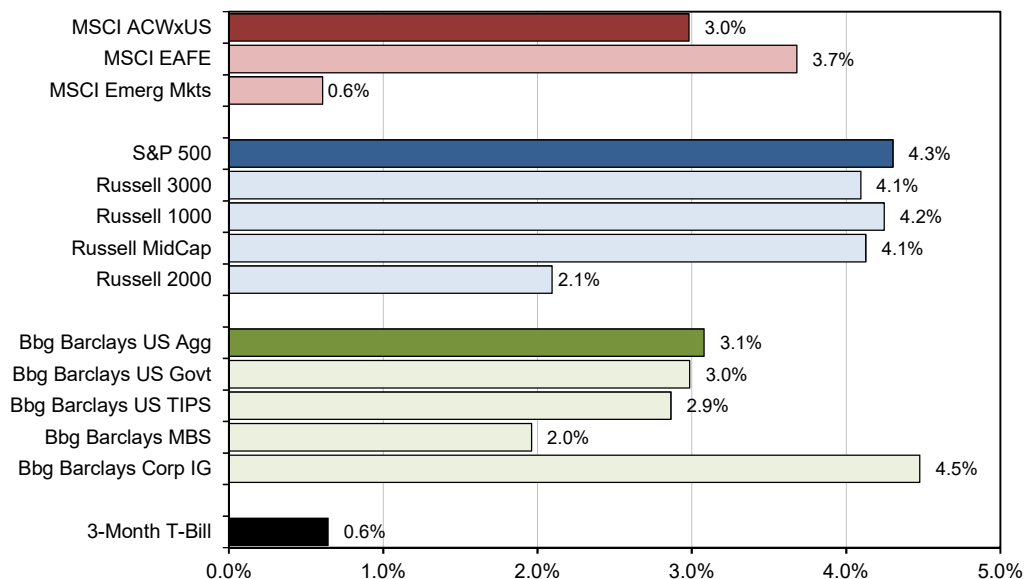


2nd Quarter 2019 Market Environment

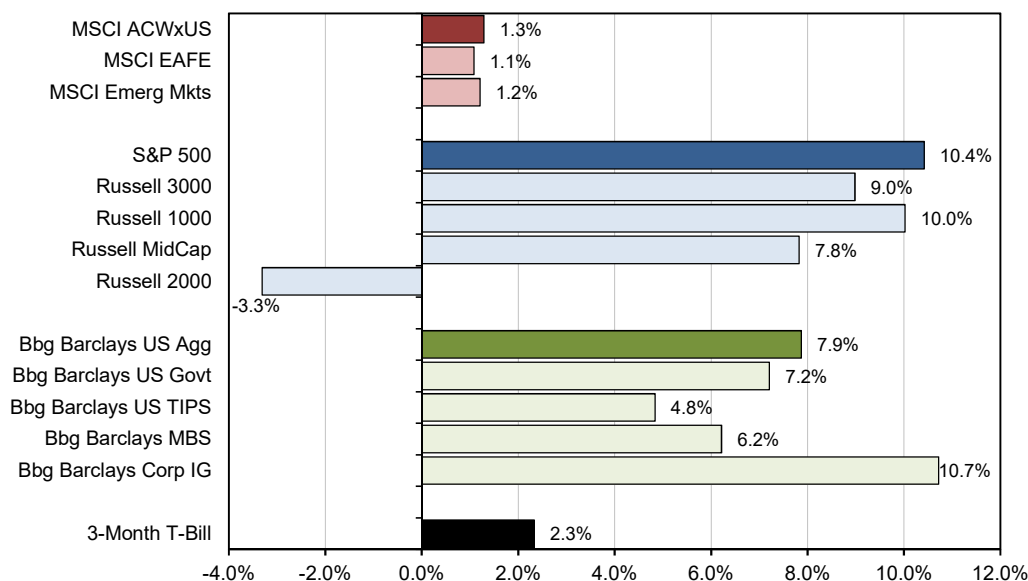


- Broad asset class returns were positive during the 2nd quarter of 2019 with both equity and fixed income indices extending their year-to-date gains. US stocks outperformed international stocks during a very volatile quarter. Equity indices rose to start the period as progress in global trade negotiations outweighed signs of weakness in macroeconomic data. However, trade discussions between the US and China fell apart in May prompting increased tariffs and sharp declines in equity markets. The softening in economic data, stubbornly low inflation and the threat of slower future growth caused by ongoing disruption in trade led the Federal Reserve (Fed) to communicate a shift toward a more accommodative policy stance. This change in central bank posture caused markets to rebound strongly, ending the quarter higher for the period. Fixed income returns were also positive during the quarter as the prospect of more accommodative monetary policy pushed interest rates lower, increasing bond prices. Within domestic equity markets, large cap stocks outperformed small cap equities during the quarter with the S&P 500 Index returning 4.3% versus a 2.1% return on the small cap Russell 2000 Index. US equity returns over the 1-year period were positive within large and mid cap stocks, returning 10.4% and 7.8% respectively, but small cap stocks posted a loss, falling -3.3%.
- Similar to US markets, international markets were volatile during the 2nd quarter as investors reacted to mixed economic data, heightened geopolitical uncertainty, particularly around the outlook for global trade and Brexit, and increased accommodation in central bank policy with the European Central Bank (ECB) and People's Bank of China (PBoC) pledging additional stimulus if needed. Developed markets outperformed emerging markets during the period with the MSCI EAFE Index returning 3.7% versus a 0.6% return on the MSCI Emerging Markets Index. Both developing and emerging markets posted modest gains over the 1-year period, returning 1.1% and 1.2% respectively.
- Fixed income returns were in line with equities during the 2nd quarter. The broad market Bloomberg Barclays Aggregate Index returned 3.1% as a more dovish stance from the Fed and other global central banks pushed interest rates lower across the US Treasury Yield Curve. The curve steepened but remained inverted with shorter-term maturities paying higher interest rates than those in the middle of the curve. Investment grade corporate issues were the best performing securities for the second quarter in a row, outperforming Treasury and securitized issues. The Bloomberg Barclays Corporate IG Index returned 4.5% for the period, as corporate credit had tailwinds due to greater interest rate sensitivity, higher yields and tightening credit spreads. Corporate issues also outperformed the other major fixed income sectors over the 1-year period, returning 10.7% versus a 7.9% return for the Bloomberg Barclays Aggregate Index.

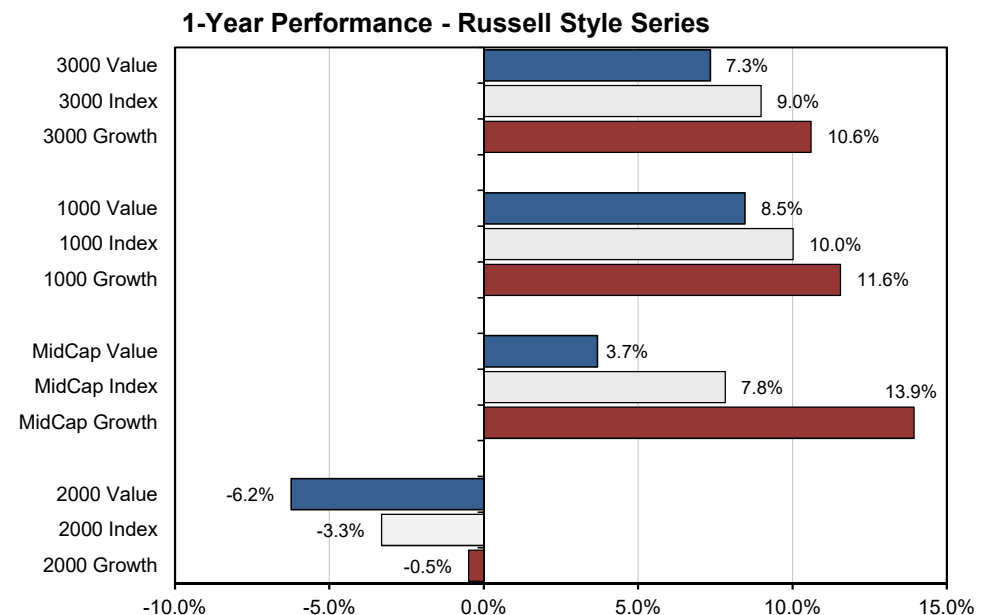
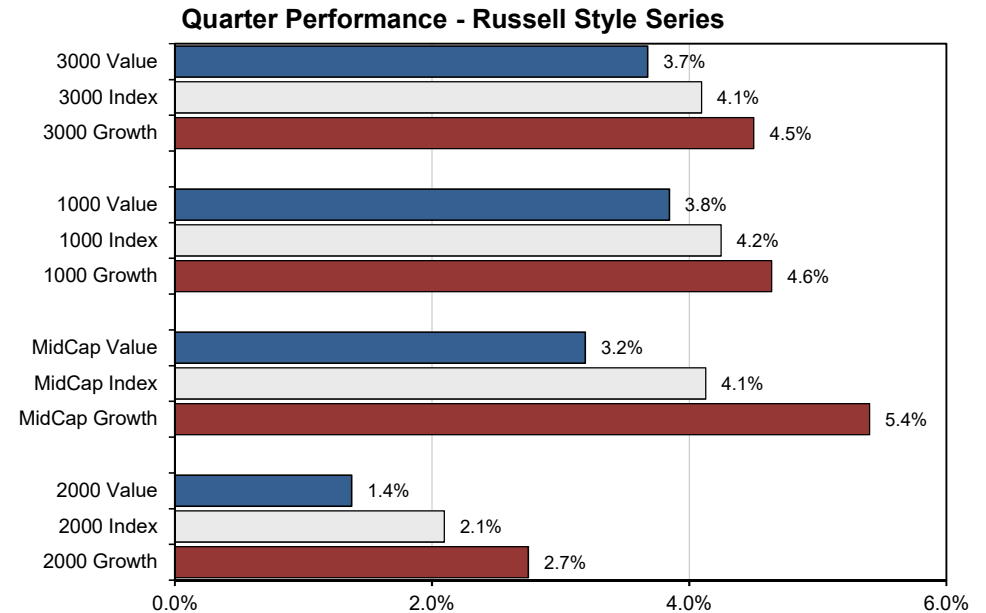
Quarter Performance



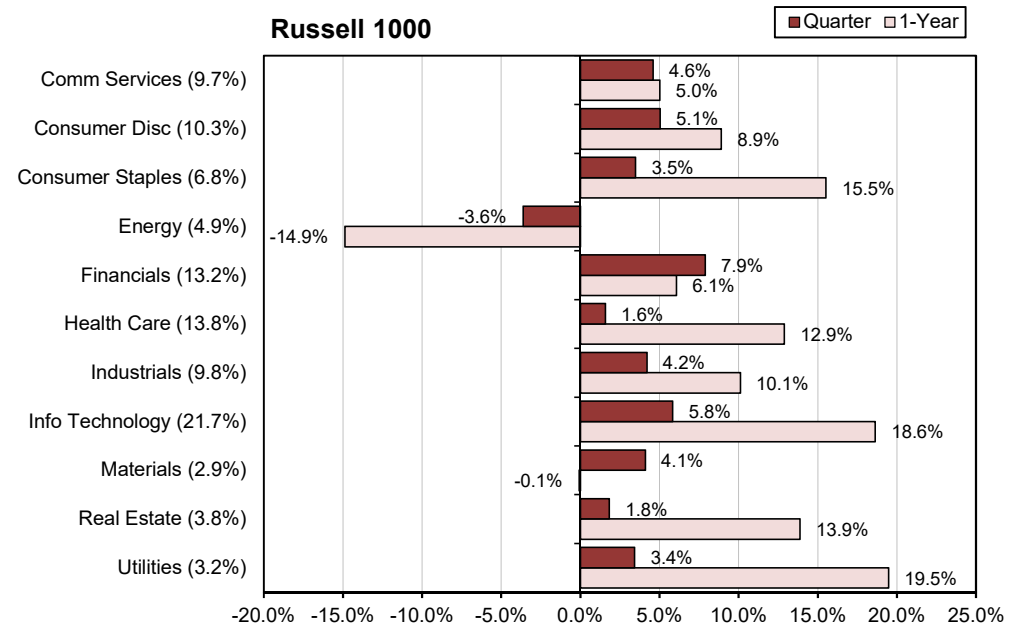
1-Year Performance



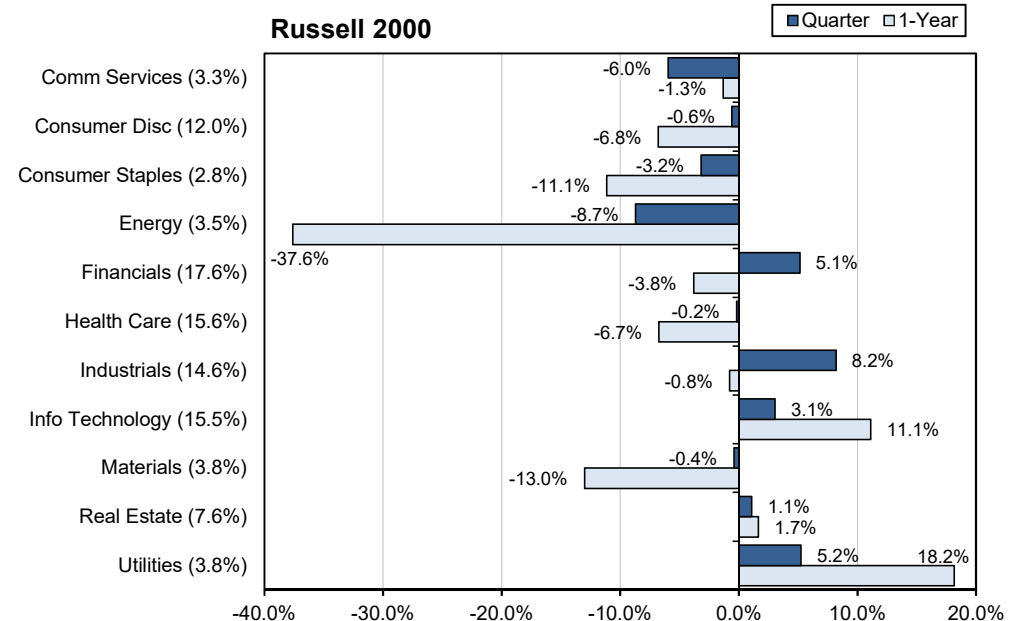
- US equity index returns were modestly positive across the style and capitalization spectrum for the 2nd quarter. Corporate earnings reported during the quarter surprised to the upside, but economic data released during the period showed signs of slowing growth. Developments around global trade were particularly prominent during the period, heavily influencing market sentiment. Positive developments in trade negotiations with China came to an abrupt halt in May leading the US to increase tariffs on \$200 billion of Chinese imports from 10% to 25% and announce that the US would consider tariffs on the remaining \$300 billion in goods imported from China. China retaliated by increasing the tariff range on \$60 billion of US goods from 5-10% to 5-25%. Additionally, the US instituted a ban on sales of technology equipment to Chinese telecommunications firm Huawei citing national security risks. China is expected to take similar action in retaliation although nothing has been announced. Trade talks are ready to resume and both sides have agreed to cease escalations following a meeting between President Trump and President Jinping at the G20 summit held at the end of the quarter. In addition, President Trump threatened a 5% tariff on all Mexican imports as a tact to reduce the level of illegal immigration at the US border with Mexico, and US waivers on sanctions for Iranian oil ended leading to increased tensions in the region that were further escalated after Iran downed a US drone. Despite these headwinds, markets rose following comments from an increasingly accommodative Fed as investors priced in greater odds of easy monetary policy going forward.
- During the quarter, higher market cap stocks outperformed lower market cap stocks across the style spectrum with the only exception being the outperformance of mid cap growth stocks relative to large cap growth stocks. The large cap Russell 1000 Index gained 4.2% during the period versus a 4.1% return for the Russell MidCap Index and a 2.1% gain on the small cap Russell 2000 Index as market participants may be moving toward the relative safety of large cap names as the economy continues to show growing signs of weakness. When viewed over the most recent 1-year period, large cap stocks outperformed relative to small cap stocks. The Russell 1000 returned 10.0% for the year while the Russell 2000 fell -3.3%.
- Growth indices outperformed value indices across the market cap spectrum during the 2nd quarter. Growth stocks have outperformed value in nine of the last ten quarters. The Russell MidCap Growth Index was the best performing style index for the period, returning 5.4% for the quarter with the small cap value index posting the lowest relative return, a gain of 1.4%. The trend of growth outperformance is also visible over the 1-year period as growth indices have benefitted from larger exposures to technology which has been a large driver of index performance over the last year, as well as a meaningful underweight to energy which has been a relative detractor.



- Sector performance was broadly positive across large cap sectors for the 2nd quarter. There were gains for ten out of eleven sectors within the Russell 1000 Index during the period with four sectors outpacing the return of the index. Cyclical sectors such as technology, industrials and consumer discretionary were some of the best performers through the quarter returning 5.8%, 4.2% and 5.1% respectively. Financials also outperformed, returning 7.9%, as investors weighed the benefits of continued economic expansion due to easing monetary policy against the effects of lower interest rates on bank earnings. More defensive higher yielding sectors such as consumer staples, real estate and utilities underperformed for the quarter returning 3.5%, 1.8% and 3.4% respectively. The energy sector was the only large cap sector to post a negative return during the quarter, falling -3.6%, as headwinds from weakening economic data and low oil and natural gas prices weighed on 1st quarter earnings. Health care stocks also lagged as continued discussions in Washington around the potential for increased regulation on drug pricing acted as a headwind. Returns over the 1-year period were positive with nine out of eleven sectors posting gains, six of which were over 10%. Defensive sectors such as utilities, REITs and consumer staples performed well returning 19.5%, 13.9% and 15.5% respectively. Technology returns were also strong gaining 18.6%. Energy and materials were the only sectors to post negative results over the 1-year period with energy falling -14.9% and materials returning -0.1%.



- Quarterly results for small cap sectors were generally worse than their large capitalization counterparts with only two of eleven sectors (industrials and utilities) outperforming their corresponding large cap equivalents. Five of eleven sectors produced gains during the period with four of eleven economic sectors outpacing the Russell 2000 Index return for the quarter. Similar to large caps, cyclical sectors performed well on hopes that any Fed policy easing would counteract the recent weakness in economic growth. The industrials sector performed particularly well returning 8.2%, financials posted a 5.1% gain and technology returned 3.1%. Utilities also outperformed returning 5.2%. The largest detractors over the period were energy and communication services which returned -8.7% and -6.0% respectively. Over the trailing 1-year period, returns were broadly negative. Utilities and technology were relative bright spots returning 18.2% and 11.1%. The energy sector was an outlier in terms of negative returns losing -37.6% during the period. There were also notable losses in materials and consumer staples with materials losing -13.0% and consumer staples falling -11.1%.



The Market Environment
Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000
As of June 30, 2019

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Microsoft Corp	3.71%	14.0%	37.5%	Information Technology
Apple Inc	3.44%	4.6%	8.6%	Information Technology
Amazon.com Inc	2.85%	6.3%	11.4%	Consumer Discretionary
Facebook Inc A	1.68%	15.8%	-0.7%	Communication Services
Berkshire Hathaway Inc B	1.51%	6.1%	14.2%	Financials
Johnson & Johnson	1.37%	0.3%	17.9%	Health Care
JPMorgan Chase & Co	1.35%	11.3%	10.3%	Financials
Alphabet Inc Class C	1.20%	-7.9%	-3.1%	Communication Services
Exxon Mobil Corp	1.19%	-4.1%	-3.3%	Energy
Alphabet Inc A	1.18%	-8.0%	-4.1%	Communication Services

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Adient PLC	0.01%	87.3%	-50.0%	Consumer Discretionary
Anadarko Petroleum Corp	0.13%	55.8%	-1.6%	Energy
Cypress Semiconductor Corp	0.03%	49.8%	46.9%	Information Technology
Okta Inc A	0.04%	49.3%	145.2%	Information Technology
Erie Indemnity Co Class A	0.02%	43.2%	122.5%	Financials
Heico Corp	0.02%	41.1%	83.9%	Industrials
Legg Mason Inc-LeggMason RETAIL	0.01%	39.9%	14.4%	Financials
Exact Sciences Corp	0.05%	36.3%	97.4%	Health Care
Caesars Entertainment Corp	0.02%	36.0%	10.5%	Consumer Discretionary
Ardagh Group SA	0.00%	35.9%	9.6%	Materials

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
2U Inc	0.01%	-46.9%	-55.0%	Information Technology
Alkermes PLC	0.01%	-38.2%	-45.2%	Health Care
Range Resources Corp	0.01%	-37.7%	-58.0%	Energy
Antero Resources Corp	0.00%	-37.4%	-74.1%	Energy
Chesapeake Energy Corp	0.01%	-37.1%	-62.8%	Energy
RPC Inc	0.00%	-36.5%	-48.8%	Energy
Realogy Holdings Corp	0.00%	-35.8%	-67.4%	Real Estate
The Chemours Co	0.02%	-34.7%	-44.2%	Materials
United Therapeutics Corp	0.01%	-33.5%	-31.0%	Health Care
Mylan NV	0.04%	-32.8%	-47.3%	Health Care

Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Array BioPharma Inc	0.48%	90.0%	176.1%	Health Care
The Trade Desk Inc A	0.37%	15.1%	142.8%	Information Technology
Etsy Inc	0.36%	-8.7%	45.5%	Consumer Discretionary
Coupa Software Inc	0.35%	39.2%	103.4%	Information Technology
Five Below Inc	0.32%	-3.4%	22.8%	Consumer Discretionary
Planet Fitness Inc A	0.31%	5.4%	64.9%	Consumer Discretionary
HubSpot Inc	0.31%	2.6%	36.0%	Information Technology
Haemonetics Corp	0.30%	37.6%	34.2%	Health Care
Woodward Inc	0.30%	19.4%	48.0%	Industrials
Ciena Corp	0.29%	10.1%	55.1%	Information Technology

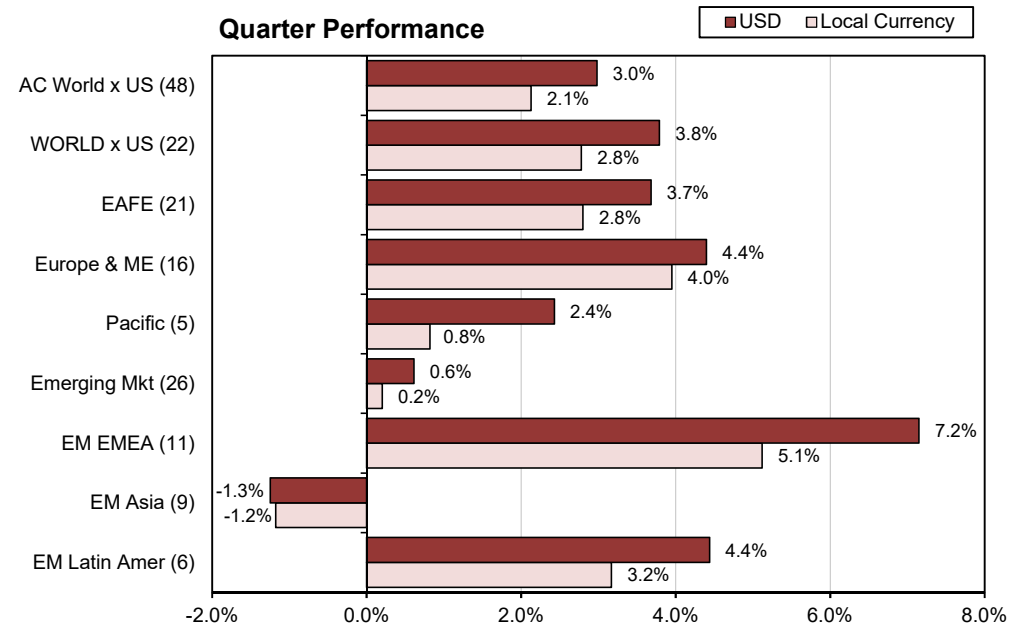
Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Iovance Biotherapeutics Inc	0.13%	157.8%	91.6%	Health Care
Arqule Inc	0.06%	129.9%	99.1%	Health Care
Adverum Biotechnologies Inc	0.03%	126.9%	124.3%	Health Care
Chimerix Inc	0.01%	105.7%	-9.2%	Health Care
Enphase Energy Inc	0.08%	97.5%	170.9%	Information Technology
Maxar Technologies Inc	0.02%	94.8%	-84.0%	Industrials
Array BioPharma Inc	0.48%	90.0%	176.1%	Health Care
Melinta Therapeutics Inc	0.00%	87.3%	-79.1%	Health Care
G1 Therapeutics Inc	0.03%	84.7%	-29.5%	Health Care
Foundation Building Materials Inc	0.01%	80.7%	15.6%	Industrials

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
FuelCell Energy Inc	0.00%	-94.0%	-98.9%	Industrials
Halcon Resources Corp	0.00%	-86.9%	-96.0%	Energy
Pioneer Energy Services Corp	0.00%	-85.7%	-95.7%	Energy
Eros International PLC	0.00%	-85.2%	-89.6%	Communication Services
Superior Energy Services Inc	0.01%	-72.2%	-86.7%	Energy
electroCore Inc	0.00%	-71.4%	-87.9%	Health Care
Ultra Petroleum Corp	0.00%	-70.5%	-92.2%	Energy
Nuvecra Corp	0.00%	-69.6%	-83.7%	Health Care
Dean Foods Co	0.00%	-69.5%	-91.1%	Consumer Staples
Kirkland's Inc	0.00%	-67.9%	-80.6%	Consumer Discretionary

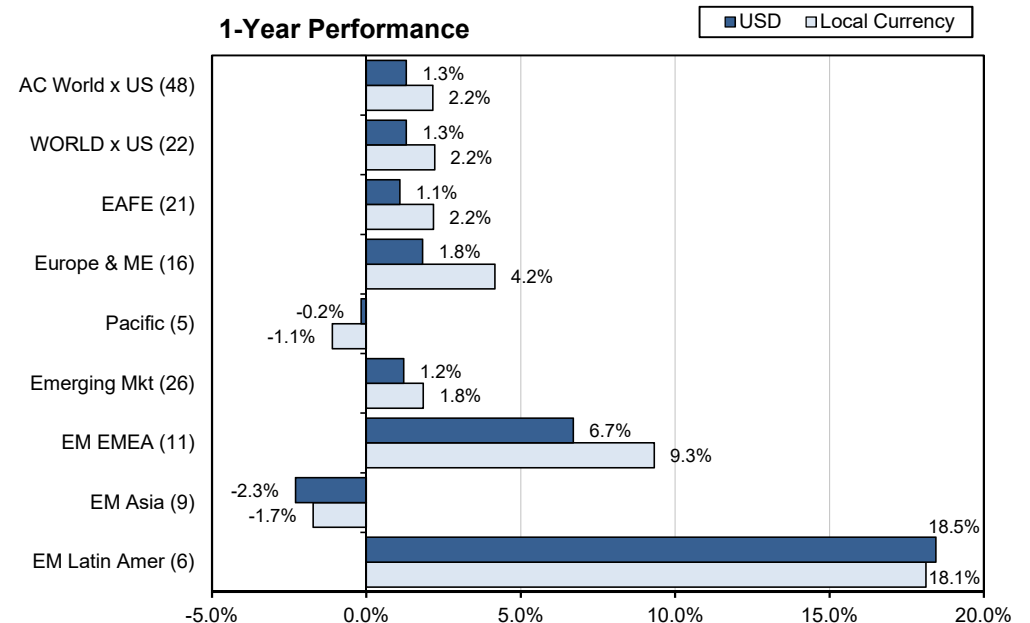


- Broad international equity returns were positive for the quarter in both local currency and USD terms. The MSCI ACWI ex US Index gained 2.1% in local currency terms and 3.0% in US dollar (USD) terms during the 2nd quarter. Similar to US markets, international equity investors balanced difficulties around global trade with central bank shifts toward more accommodative policies as a response to slowing global growth. Notably the ECB President Mario Draghi stated that further monetary policy action may need to be taken if inflation remains below target and the PBoC launched stimulus measures designed to encourage growth following the deterioration of trade negotiations with the US. Returns in USD largely outperformed those in local currency during the quarter as the USD depreciated against most major developed currencies following dovish Fed comments in June. However, the recent USD strength can still be seen over the 1-year period with USD returns trailing most local currency returns. Returns for the MSCI ACWI ex US Index were 2.2% in local currency terms and 1.3% in USD terms for the trailing year.
- Results for developed market international indices were positive in both local currency and USD terms during the 2nd quarter, with the MSCI EAFE Index returning 2.8% and 3.7% respectively. Outside of central bank policy and trade, there was notable news out of the UK with Prime Minister Theresa May resigning from her post after her Brexit withdrawal plan failed to gain parliamentary approval and a new vote for the office is currently underway. UK markets were pressured by continued uncertainty around Brexit with the UK having until October to strike an agreement with the European Union (EU) or withdraw with no agreement in place. Despite the growing uncertainty, the Bank of England (BoE) left monetary policy unchanged. Japan also underperformed as the yen appreciated due to its perceived safe haven status and trade headwinds were expected to affect its export driven economy. The MSCI EAFE Index returned 2.2% and 1.1% for the last twelve months in local currency and USD terms respectively.
- Emerging markets underperformed relative to developed markets for the 2nd quarter, slightly appreciating in both local currency and USD terms. The MSCI Emerging Markets Index gained 0.2% and 0.6% respectively. As expected, geopolitical tensions around trade put pressure on emerging market stocks, with Chinese equities underperforming relative to most countries. Latin American stocks performed well with Brazil and Argentina posting strong returns as commodity prices appreciated from recent lows at the end of 2018 and interest rates fell. Russian equities also performed well, benefiting from increasing commodity prices, but also had a tailwind from a decrease in the likelihood of future US sanctions. One year returns for the MSCI Emerging Market Index were 1.8% in local currency terms and 1.2% in USD terms.

Quarter Performance



1-Year Performance



The Market Environment
US Dollar International Index Attribution & Country Detail
As of June 30, 2019

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.4%	4.0%	4.3%
Consumer Discretionary	11.1%	5.9%	-2.6%
Consumer Staples	11.7%	1.9%	4.8%
Energy	5.6%	0.4%	-5.5%
Financials	18.9%	4.3%	-2.9%
Health Care	11.2%	2.0%	7.5%
Industrials	14.8%	5.9%	2.4%
Information Technology	6.7%	6.6%	2.7%
Materials	7.4%	3.9%	0.2%
Real Estate	3.6%	-2.2%	2.3%
Utilities	3.6%	1.5%	9.8%
Total	100.0%	3.7%	1.1%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	6.9%	1.0%	5.6%
Consumer Discretionary	11.3%	3.8%	-3.6%
Consumer Staples	9.8%	2.2%	4.6%
Energy	7.2%	0.5%	-1.4%
Financials	21.9%	4.4%	2.0%
Health Care	8.3%	1.2%	4.2%
Industrials	11.9%	5.2%	2.9%
Information Technology	8.5%	4.0%	-0.7%
Materials	7.6%	2.9%	-0.5%
Real Estate	3.3%	-1.6%	4.3%
Utilities	3.3%	2.2%	10.1%
Total	100.0%	3.0%	1.3%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	11.7%	-2.4%	4.5%
Consumer Discretionary	13.5%	-1.2%	-7.6%
Consumer Staples	6.6%	3.3%	0.9%
Energy	7.9%	1.2%	16.3%
Financials	25.2%	4.0%	11.9%
Health Care	2.6%	-6.6%	-24.7%
Industrials	5.3%	0.0%	4.1%
Information Technology	13.9%	-0.1%	-6.1%
Materials	7.6%	-1.2%	-1.9%
Real Estate	3.0%	-0.2%	10.1%
Utilities	2.7%	2.9%	9.0%
Total	100.0%	0.6%	1.2%

Country	MSCI-EAFE Weight	MSCI-ACWIXUS Weight	Quarter Return	1- Year Return
Japan	23.7%	15.8%	1.0%	-4.2%
United Kingdom	16.8%	11.2%	0.9%	-2.1%
France	11.4%	7.6%	6.5%	3.0%
Switzerland	9.3%	6.2%	8.4%	19.8%
Germany	8.8%	5.9%	7.1%	-3.8%
Australia	7.1%	4.8%	7.3%	6.6%
Hong Kong	4.0%	2.7%	1.0%	10.4%
Netherlands	3.6%	2.4%	5.8%	5.3%
Spain	3.0%	2.0%	2.6%	-2.1%
Sweden	2.7%	1.8%	4.9%	3.4%
Italy	2.3%	1.6%	2.9%	-0.7%
Denmark	1.7%	1.1%	1.6%	5.8%
Singapore	1.4%	0.9%	7.0%	8.3%
Finland	1.0%	0.7%	0.2%	-4.7%
Belgium	1.0%	0.7%	1.2%	-9.1%
Norway	0.7%	0.5%	2.4%	-4.3%
Israel	0.6%	0.4%	-3.6%	-4.5%
Ireland	0.5%	0.4%	4.7%	-9.2%
New Zealand	0.3%	0.2%	3.9%	16.0%
Austria	0.2%	0.2%	0.8%	-13.1%
Portugal	0.2%	0.1%	1.6%	-4.6%
Total EAFE Countries	100.0%	66.8%	3.7%	1.1%
Canada		6.8%	4.9%	3.3%
Total Developed Countries		73.6%	3.8%	1.3%
China		8.3%	-4.0%	-6.7%
Korea		3.3%	-1.0%	-9.1%
Taiwan		2.9%	0.9%	1.1%
India		2.4%	0.5%	7.9%
Brazil		2.0%	7.2%	39.4%
South Africa		1.6%	6.6%	-0.8%
Russia		1.1%	16.9%	27.1%
Thailand		0.8%	9.3%	19.8%
Saudi Arabia		0.8%	0.6%	11.0%
Mexico		0.7%	1.1%	-7.4%
Indonesia		0.6%	3.2%	20.3%
Malaysia		0.6%	1.2%	-0.8%
Philippines		0.3%	4.4%	19.7%
Poland		0.3%	3.5%	10.5%
Qatar		0.3%	0.6%	18.8%
Chile		0.2%	-5.6%	-12.1%
United Arab Emirates		0.2%	-2.7%	3.0%
Turkey		0.1%	2.8%	-17.1%
Colombia		0.1%	-2.4%	-3.7%
Peru		0.1%	-1.9%	3.5%
Argentina		0.1%	31.7%	15.8%
Greece		0.1%	16.2%	-9.2%
Hungary		0.1%	-4.1%	12.7%
Czech Republic		0.0%	2.6%	1.1%
Egypt		0.0%	7.8%	5.4%
Pakistan		0.0%	-20.8%	-36.7%
Total Emerging Countries		26.4%	0.6%	1.2%
Total ACWIXUS Countries		100.0%	3.0%	1.3%

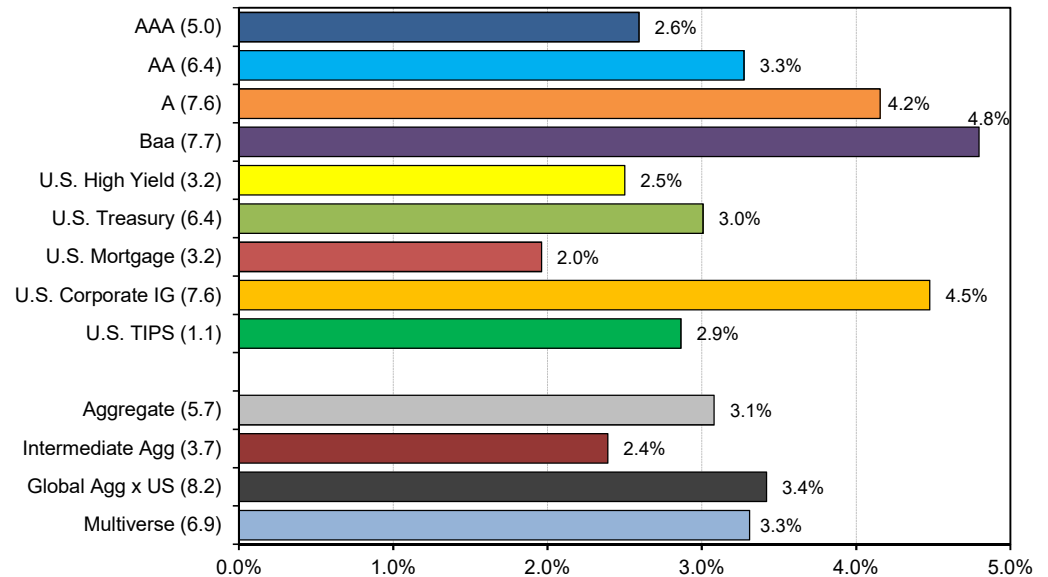
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

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.

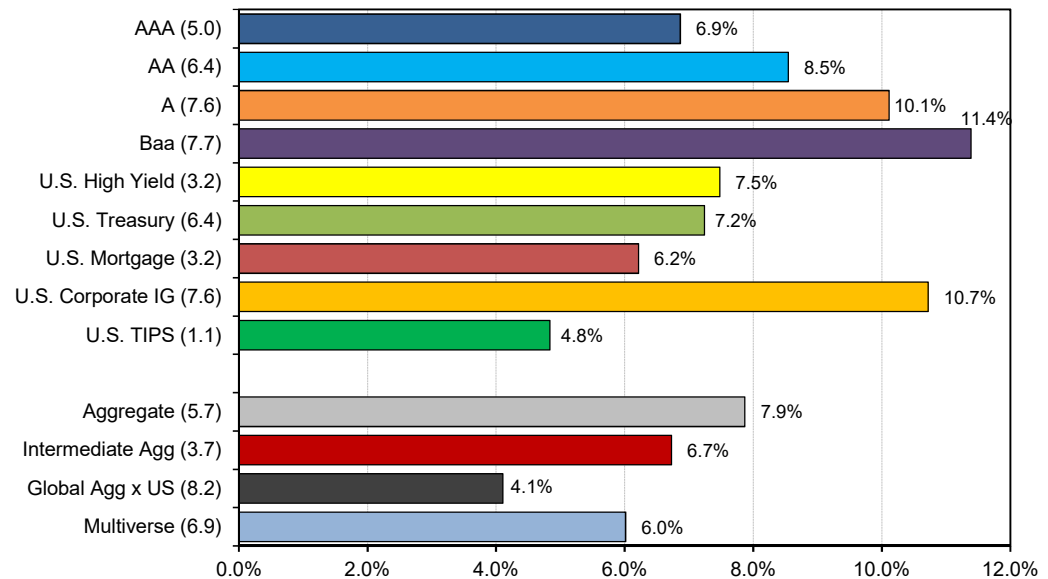


- Broad fixed income benchmarks built on their early 2019 gains during the 2nd quarter. During the 1st quarter, the Federal Open Market Committee (FOMC) reacted to a difficult end to 2018 by issuing guidance that the FOMC is no longer projecting any further interest rate increases through 2019. Federal Reserve Chair Jerome Powell also stated that the Fed would begin tapering the roll off from the planned balance sheet reduction program in May with a plan to halt the program entirely in September. The stoppage of the balance sheet reduction program represents an easing of monetary policy. The Fed took an increasingly dovish stance during the 2nd quarter reacting to softening economic data, tepid inflation and increased risks around global trade. While the committee left interest rates unchanged, the minutes from the June FOMC meeting indicate that the committee felt “downside risks to the outlook for economic activity had risen materially” during the quarter with several participants noting that a “near-term cut in the target range for the Federal Funds Rate could help cushion the effects of possible future adverse shocks to the economy”. These comments led market participants to forecast greater odds of an interest rate cut this year, pushing markets higher. Interest rates fell across all maturities on the US Treasury Yield Curve with the greatest declines occurring in the mid- and long-term issues. The curve remains inverted with short-term maturities paying higher interest rates than issues in the mid- to long-end of the curve. The bellwether Bloomberg Barclays US Aggregate Index posted positive returns for both the 1st quarter and the 1-year period, returning 3.1% and 7.9% respectively.
- Within investment grade credit, lower quality issues outperformed higher quality issues as investors gravitated toward higher risk securities during the quarter. Lower quality issues also benefitted from their higher durations. 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 4.8% for the quarter, while AAA was the worst performing, returning 2.6%. High yield issues returned 2.5% for the quarter as these issues did not commensurately benefit from the drop in interest rates due to their lower durations. Returns over the 1-year period generally show lower quality securities outperforming higher quality issues.
- Investment grade corporates outperformed the more defensive Treasury and mortgage backed sectors of the Bloomberg Barclays US Aggregate Index’s three broad sectors during the 2nd quarter. Investment grade corporate credit returned 4.5%, as falling interest rates benefitted these securities to a greater degree and credit spreads have continued to tighten since the end of 2018. When viewed over the 1-year period, corporate credit outperformed both Treasuries and mortgage backed securities. Corporate issues returned 10.7% versus a 6.2% return for mortgages and 7.2% gain on Treasury securities.

Quarter Performance

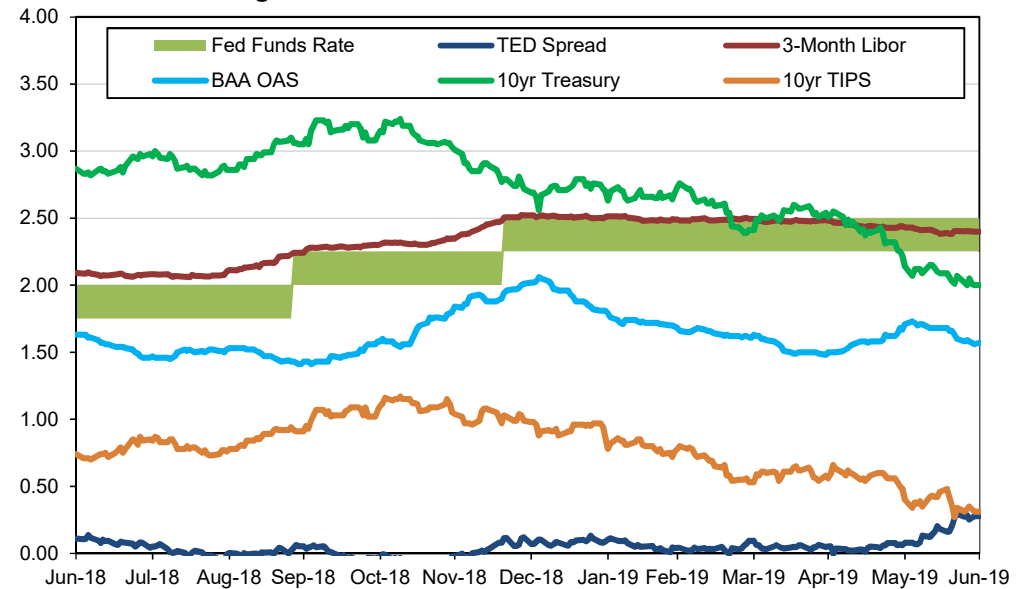


1-Year Performance

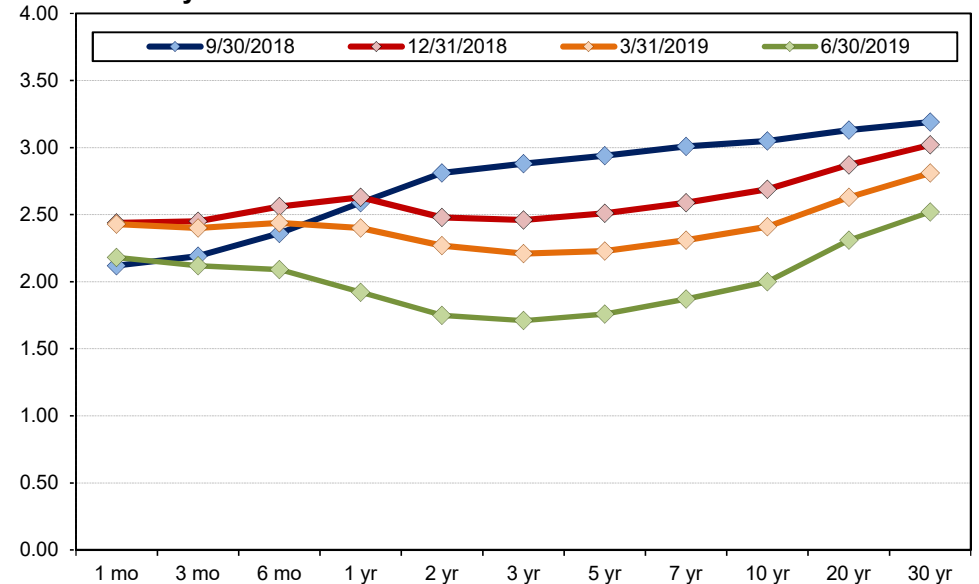


- Global fixed income returns were in line with their domestic counterparts, slightly outperforming during the 2nd quarter. These indices have lower, or in some cases (Germany, Japan), negative yields, but have higher durations. The returns of these indices are also significantly influenced by fluctuations in their currency denomination relative to the USD. The USD depreciated against most other developed currencies, acting as a tailwind to global bond indices. The return on global bonds, as represented by the Bloomberg Barclays Global Aggregate ex US Index, was 3.4%. Global bonds still trail over the 1-year period with the Global Aggregate ex US Index returning 4.1% versus a 7.9% return on the domestically focused Barclays Aggregate Index. As global growth has shown signs of stalling, several international central banks have started to step back from more restrictive postures. The ECB and the PBoC have moved toward an easing of monetary policy and implemented various stimulus programs designed to support their respective economies. The Bank of England and the Bank of Japan made no major policy changes during the quarter as they continue to review macroeconomic data within their respective countries.
- 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) fell from recent high's greater than 3.0%, to 2.0% to end the quarter. 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 an abrupt increase in credit spreads during the 4th quarter of 2018 as investors moved to higher quality assets during the quarter's risk-off environment. Subsequently, spreads dropped steadily until they rose again in May and then later declined in June. This spread tightening 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 6 basis points over the last three months. The green band across the graph illustrates the gradual increase in the Federal Funds Rate due to the tightening of US monetary policy during 2018. There have been no changes to the Federal Funds Rate in 2019.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four calendar quarters. The downward shift in interest rates as well as a general steepening of the yield curve are clearly visible over the last quarter. As mentioned, the yield curve continues to invert as yields on shorter-term maturities fell less than interest rates in the middle- to long-end of the curve.

1-Year Trailing Market Rates



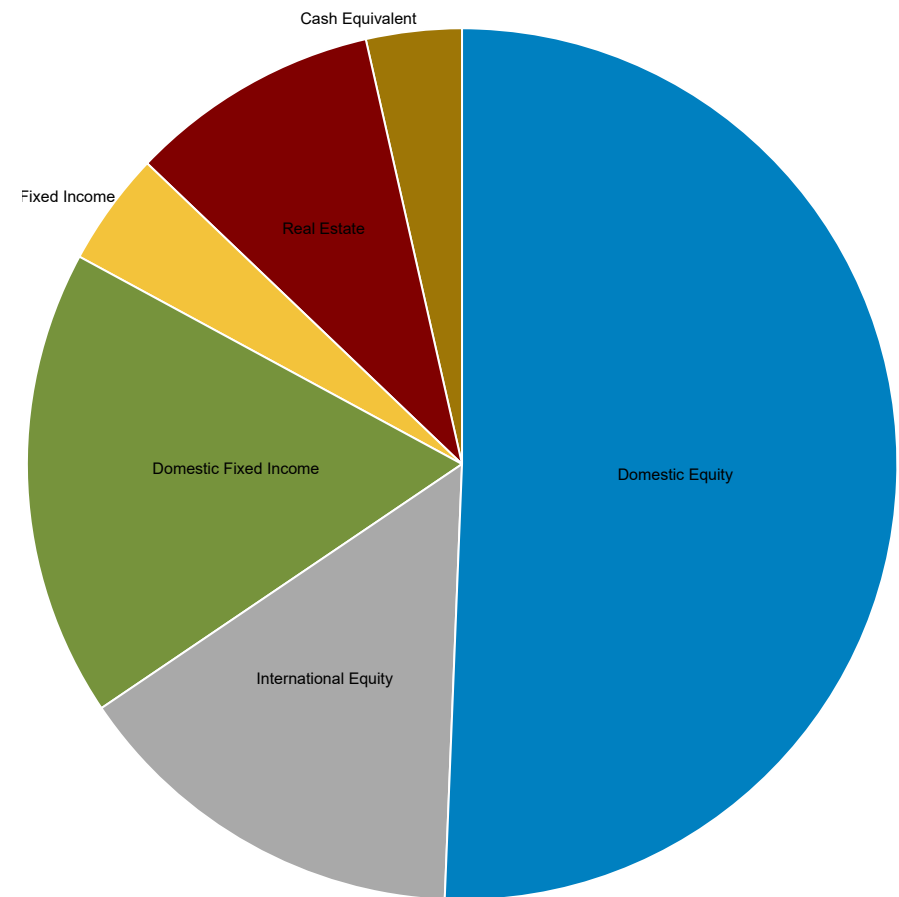
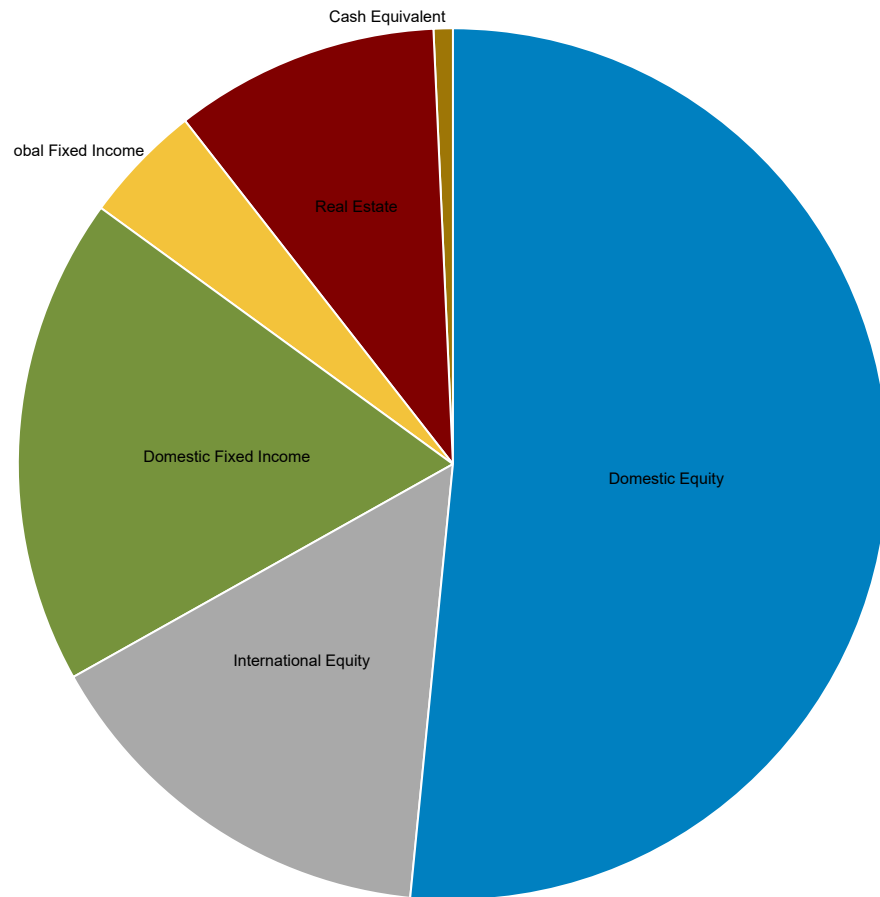
Treasury Yield Curve



Lantana Police Officers' Retirement System
Asset Allocation by Asset Class
As of June 30, 2019

March 31, 2019 : \$15,570,986

June 30, 2019 : \$16,607,443



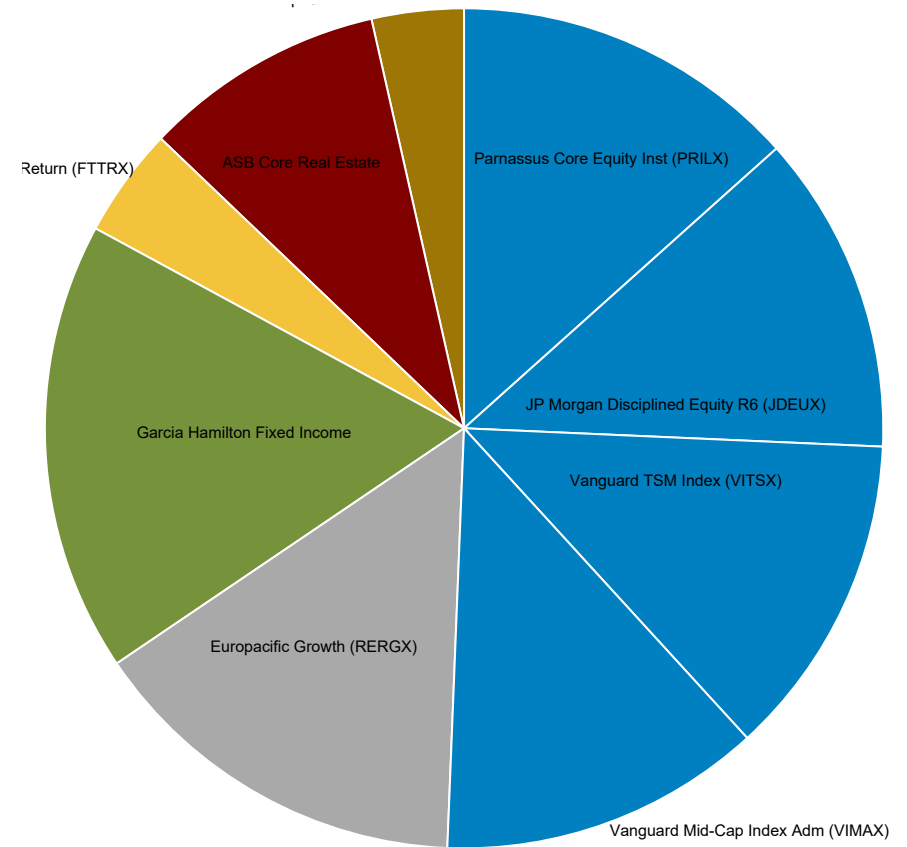
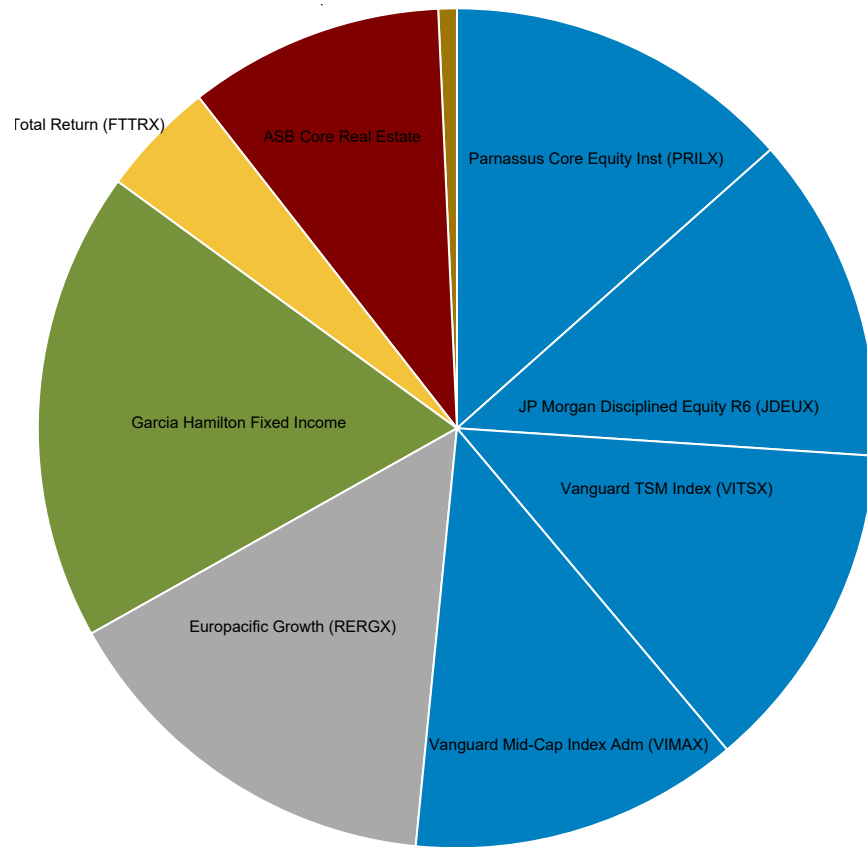
Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Domestic Equity	8,030,018	51.6	■ Domestic Equity	8,409,257	50.6
■ International Equity	2,383,330	15.3	■ International Equity	2,475,640	14.9
■ Domestic Fixed Income	2,821,809	18.1	■ Domestic Fixed Income	2,882,096	17.4
■ Global Fixed Income	691,721	4.4	■ Global Fixed Income	701,793	4.2
■ Real Estate	1,532,000	9.8	■ Real Estate	1,548,583	9.3
■ Cash Equivalent	112,110	0.7	■ Cash Equivalent	590,073	3.6



Lantana Police Officers' Retirement System
Asset Allocation by Manager
As of June 30, 2019

March 31, 2019 : \$15,570,986

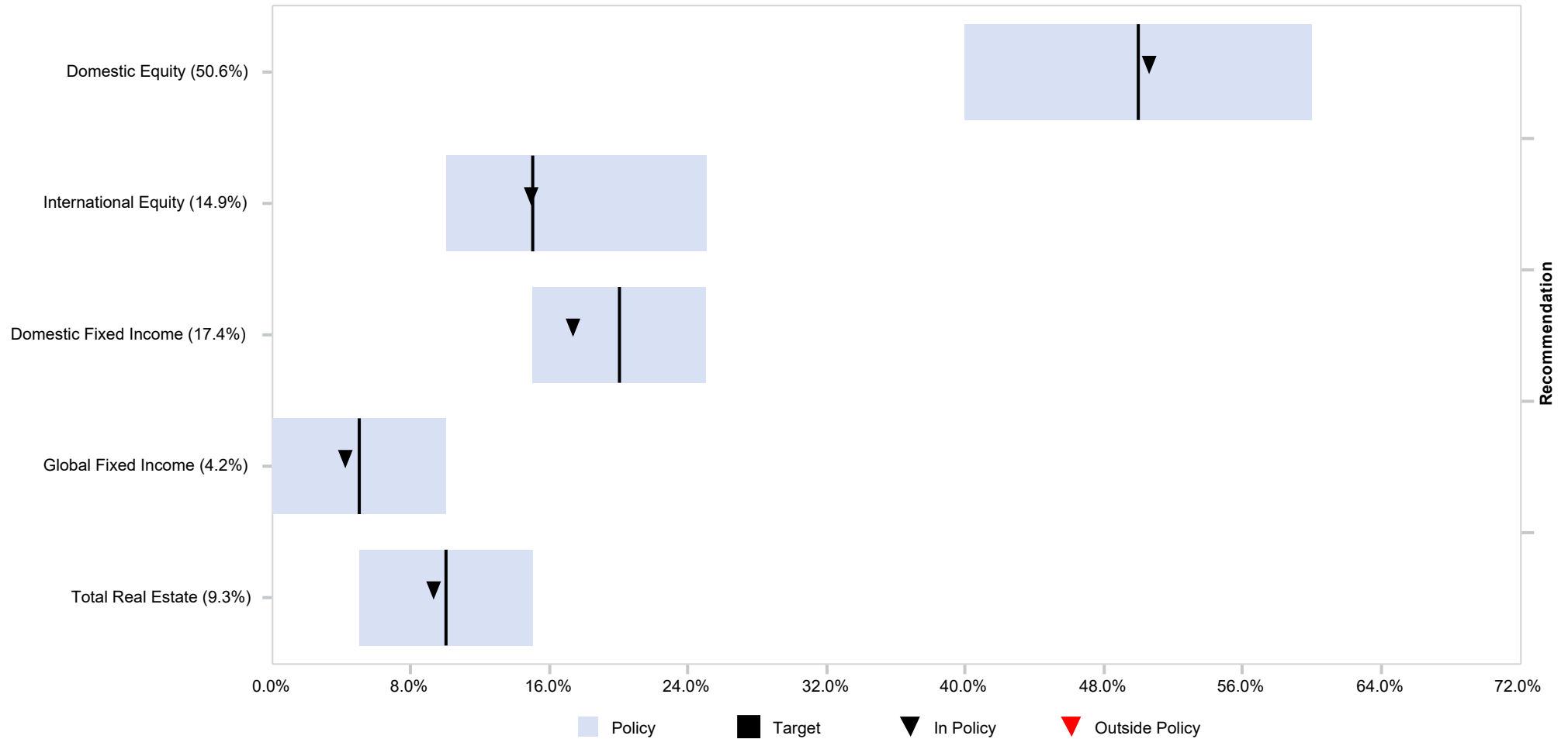
June 30, 2019 : \$16,607,443



Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Parnassus Core Equity Inst (PRILX)	2,094,832	13.5	■ Parnassus Core Equity Inst (PRILX)	2,223,207	13.4
■ JP Morgan Disciplined Equity R6 (JDEUX)	1,960,842	12.6	■ JP Morgan Disciplined Equity R6 (JDEUX)	2,043,722	12.3
■ Vanguard TSM Index (VITSX)	1,995,356	12.8	■ Vanguard TSM Index (VITSX)	2,076,991	12.5
■ Vanguard Mid-Cap Index Adm (VIMAX)	1,978,988	12.7	■ Vanguard Mid-Cap Index Adm (VIMAX)	2,065,336	12.4
■ Europacific Growth (RERGX)	2,383,330	15.3	■ Europacific Growth (RERGX)	2,475,640	14.9
■ Garcia Hamilton Fixed Income	2,821,809	18.1	■ Garcia Hamilton Fixed Income	2,882,096	17.4
■ Templeton Global Total Return (FTTRX)	691,721	4.4	■ Templeton Global Total Return (FTTRX)	701,793	4.2
■ ASB Core Real Estate	1,532,000	9.8	■ ASB Core Real Estate	1,548,583	9.3
■ Receipt & Disbursement	112,110	0.7	■ Receipt & Disbursement	590,073	3.6



Executive Summary

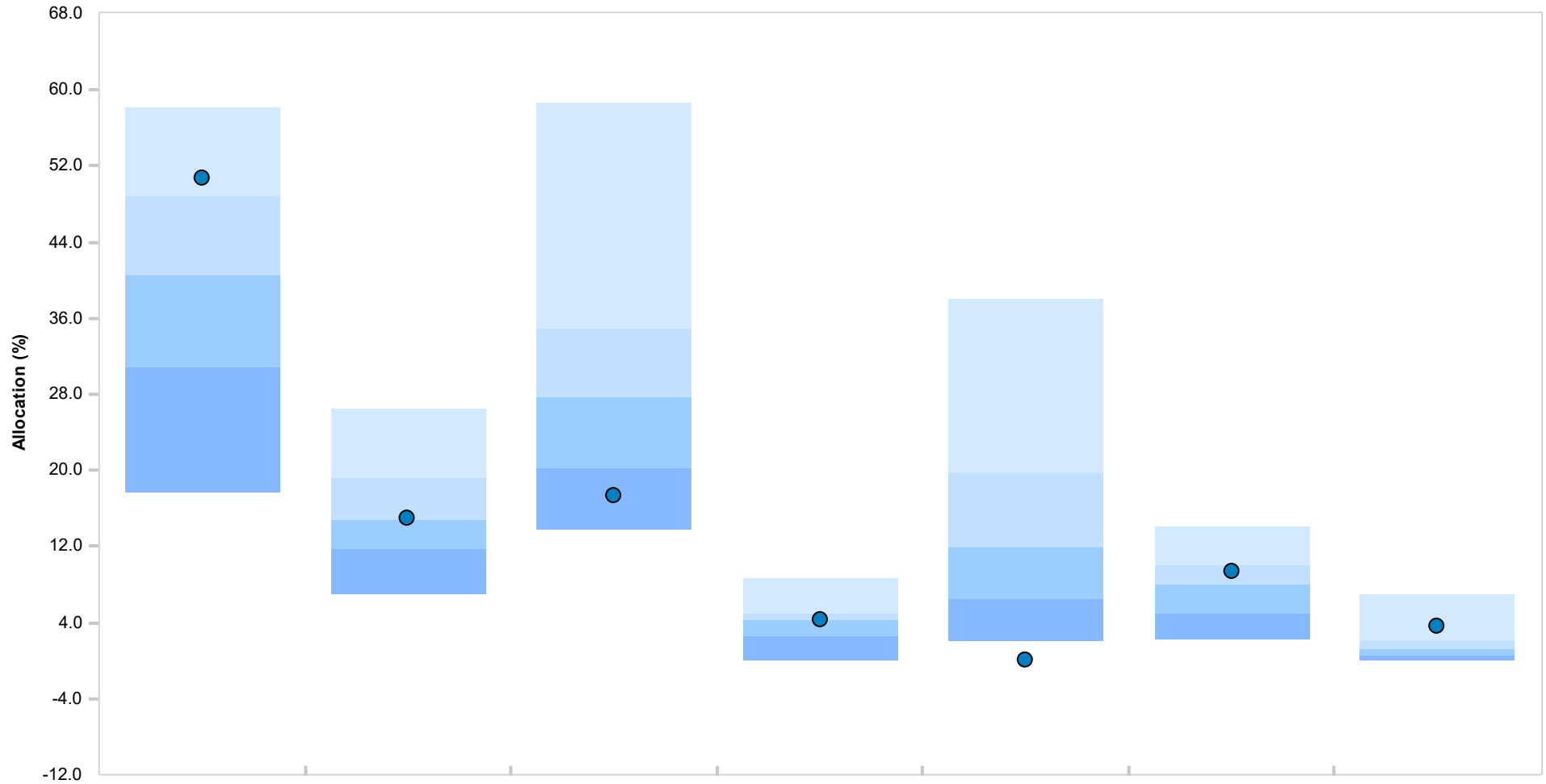


Asset Allocation Compliance

	Minimum Allocation (%)	Maximum Allocation (%)	Current Allocation (%)	Target Allocation (%)
Global Fixed Income	0.0	10.0	4.2	5.0
Total Real Estate	5.0	15.0	9.3	10.0
International Equity	10.0	25.0	14.9	15.0
Domestic Fixed Income	15.0	25.0	17.4	20.0
Domestic Equity	40.0	60.0	50.6	50.0
Total Fund	N/A	N/A	100.0	100.0



Plan Sponsor TF Asset Allocation vs. All Public Plans-Total Fund



	US Equity	Intl. Equity	US Fixed Income	Intl. Fixed Income	Alternative Inv.	Real Estate	Cash
● Lantana Police	50.64 (18)	14.91 (47)	17.35 (87)	4.23 (52)	0.00	9.32 (35)	3.55 (14)
5th Percentile	58.21	26.39	58.72	8.69	37.93	14.05	7.00
1st Quartile	48.78	19.13	35.03	4.97	19.73	10.03	2.15
Median	40.47	14.71	27.59	4.26	11.94	7.94	1.18
3rd Quartile	30.90	11.79	20.22	2.51	6.47	5.01	0.50
95th Percentile	17.58	7.01	13.84	0.09	2.08	2.16	0.06
Population	439	414	401	143	128	241	308

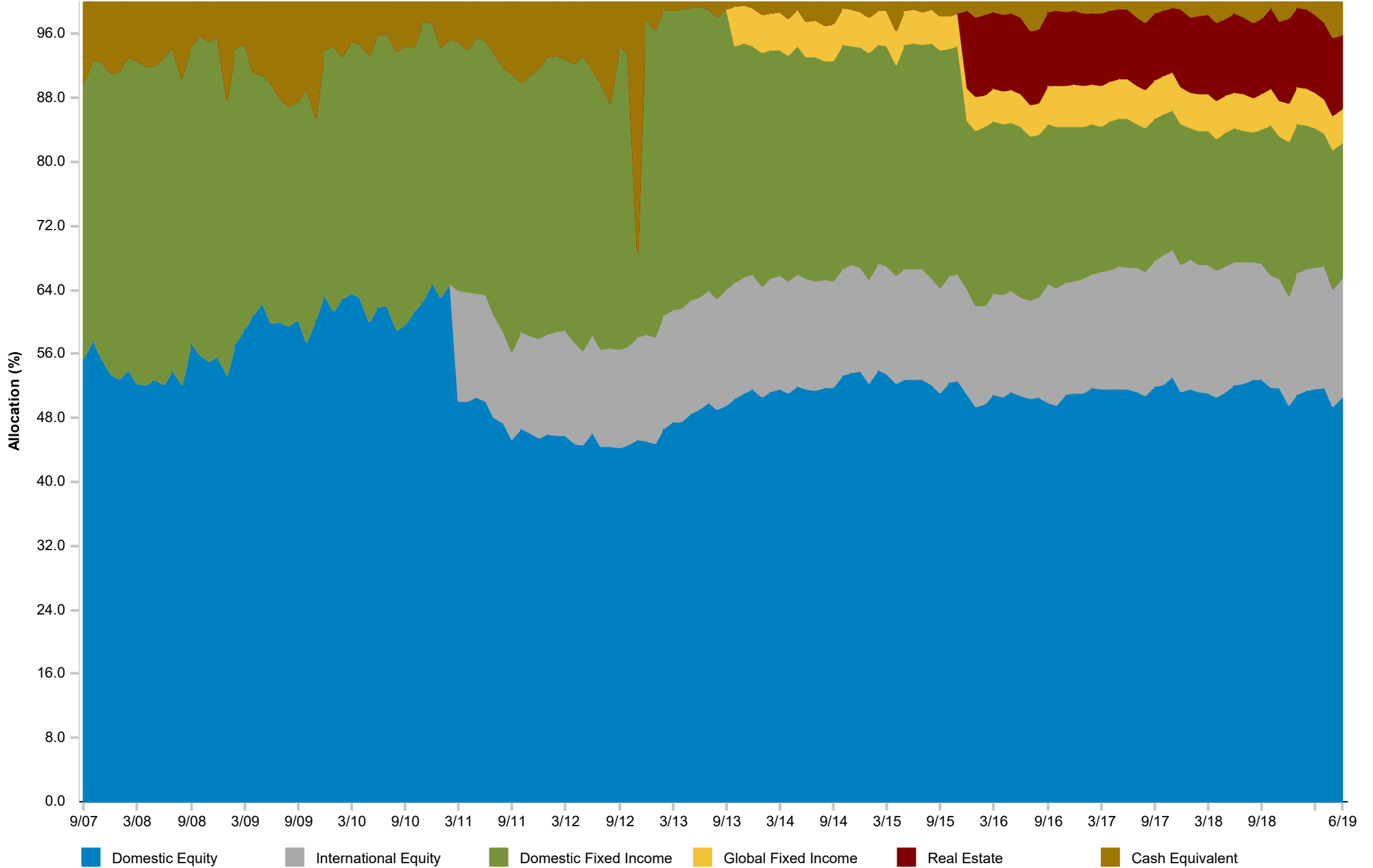
Parentheses contain percentile rankings.



Lantana Police Officers' Retirement System
Asset Allocation History by Portfolio
As of June 30, 2019

	Jun-2019		Mar-2019		Dec-2018		Sep-2018		Jun-2018	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Equity	10,884,897	65.54	10,413,347	66.88	9,032,677	63.19	10,595,332	67.37	9,989,303	67.50
Total Domestic Equity	8,409,257	50.64	8,030,018	51.57	7,075,202	49.50	8,309,491	52.84	7,705,986	52.07
JP Morgan Disciplined Equity (JDEUX)	2,043,722	12.31	1,960,842	12.59	1,743,051	12.19	2,062,843	13.12	1,894,412	12.80
Parnassus Core Equity (PRILX)	2,223,207	13.39	2,094,832	13.45	1,861,402	13.02	2,094,175	13.32	1,923,931	13.00
Vanguard Mid-Cap Index (VIMAX)	2,065,336	12.44	1,978,988	12.71	1,707,795	11.95	2,058,291	13.09	1,949,140	13.17
Vanguard TSM Index (VITSX)	2,076,991	12.51	1,995,356	12.81	1,762,953	12.33	2,094,182	13.32	1,938,504	13.10
Total International Equity	2,475,640	14.91	2,383,330	15.31	1,957,475	13.69	2,285,841	14.53	2,283,317	15.43
Europacific Growth (RERGX)	2,475,640	14.91	2,383,330	15.31	1,957,475	13.69	2,285,841	14.53	2,283,317	15.43
Total Fixed Income	3,583,889	21.58	3,513,530	22.56	3,476,710	24.32	3,533,524	22.47	3,250,168	21.96
Total Domestic Fixed Income	2,882,096	17.35	2,821,809	18.12	2,792,351	19.54	2,850,486	18.13	2,583,598	17.46
Garcia Hamilton Fixed Income	2,882,096	17.35	2,821,809	18.12	2,792,351	19.54	2,850,486	18.13	2,583,598	17.46
Total Diversified Fixed Income	701,793	4.23	691,721	4.44	684,359	4.79	683,038	4.34	666,570	4.50
Templeton Global Total Return (FTTRX)	701,793	4.23	691,721	4.44	684,359	4.79	683,038	4.34	666,570	4.50
Total Real Estate	1,548,583	9.32	1,532,000	9.84	1,506,505	10.54	1,489,648	9.47	1,465,521	9.90
ASB Core Real Estate	1,548,583	9.32	1,532,000	9.84	1,506,505	10.54	1,489,648	9.47	1,465,521	9.90
Cash Accounts										
Receipt & Disbursement	590,073	3.55	112,110	0.72	277,562	1.94	107,998	0.69	94,067	0.64
Total Fund	16,607,443	100.00	15,570,986	100.00	14,293,453	100.00	15,726,501	100.00	14,799,060	100.00





Lantana Police Officers' Retirement System

Financial Reconciliation

1 Quarter Ending June 30, 2019

	Market Value 04/01/2019	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Capital Gain/Loss	Market Value 06/30/2019
Total Equity	10,413,347	-	-	-	-	-	31,185	440,364	10,884,897
Total Domestic Equity	8,030,018	-	-	-	-	-	27,432	351,807	8,409,257
JP Morgan Disciplined Equity (JDEUX)	1,960,842	-	-	-	-	-	8,370	74,511	2,043,722
Parnassus Core Equity (PRILX)	2,094,832	-	-	-	-	-	4,536	123,839	2,223,207
Vanguard Mid-Cap Index (VIMAX)	1,978,988	-	-	-	-	-	6,978	79,370	2,065,336
Vanguard TSM Index (VITSX)	1,995,356	-	-	-	-	-	7,549	74,086	2,076,991
Total International Equity	2,383,330	-	-	-	-	-	3,753	88,557	2,475,640
Europacific Growth (REGX)	2,383,330	-	-	-	-	-	3,753	88,557	2,475,640
Total Fixed Income	3,513,530	-	-	-	-2,116	-628	32,721	40,382	3,583,889
Domestic Fixed Income	2,821,809	-	-	-	-2,116	-628	22,024	41,007	2,882,096
Garcia Hamilton Fixed Income	2,821,809	-	-	-	-2,116	-628	22,024	41,007	2,882,096
Global Fixed Income	691,721	-	-	-	-	-	10,697	-625	701,793
Templeton Global Total Return (FTTRX)	691,721	-	-	-	-	-	10,697	-625	701,793
Total Real Estate	1,532,000	-	-	-	-4,786	-	3	21,367	1,548,583
ASB Core Real Estate	1,532,000	-	-	-	-4,786	-	3	21,367	1,548,583
Cash Accounts									
Receipt & Disbursement	112,110	-	677,583	-190,403	-	-11,163	1,946	-	590,073
Total Fund	15,570,986	-	677,583	-190,403	-6,902	-11,791	65,855	502,114	16,607,443



Lantana Police Officers' Retirement System

Financial Reconciliation

October 1, 2018 To June 30, 2019

	Market Value 10/01/2018	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Capital Gain/Loss	Market Value 06/30/2019
Total Equity	10,595,332	-95,906	-	-	-	-	124,651	260,820	10,884,897
Total Domestic Equity	8,309,491	-201,149	-	-	-	-	89,263	211,652	8,409,257
JP Morgan Disciplined Equity (JDEUX)	2,062,843	-50,287	-	-	-	-	23,745	7,421	2,043,722
Parnassus Core Equity (PRILX)	2,094,175	-50,287	-	-	-	-	15,529	163,790	2,223,207
Vanguard Mid-Cap Index (VIMAX)	2,058,291	-50,287	-	-	-	-	21,970	35,363	2,065,336
Vanguard TSM Index (VITSX)	2,094,182	-50,287	-	-	-	-	28,020	5,077	2,076,991
Total International Equity	2,285,841	105,242	-	-	-	-	35,387	49,169	2,475,640
Europacific Growth (REGRX)	2,285,841	105,242	-	-	-	-	35,387	49,169	2,475,640
Total Fixed Income	3,533,524	-140,804	-	-	-8,288	-1,881	102,587	98,751	3,583,889
Domestic Fixed Income	2,850,486	-120,689	-	-	-8,288	-1,881	68,357	94,112	2,882,096
Garcia Hamilton Fixed Income	2,850,486	-120,689	-	-	-8,288	-1,881	68,357	94,112	2,882,096
Global Fixed Income	683,038	-20,115	-	-	-	-	34,230	4,639	701,793
Templeton Global Total Return (FTTRX)	683,038	-20,115	-	-	-	-	34,230	4,639	701,793
Total Real Estate	1,489,648	-	-	-	-14,147	-	7	73,076	1,548,583
ASB Core Real Estate	1,489,648	-	-	-	-14,147	-	7	73,076	1,548,583
Cash Accounts									
Receipt & Disbursement	107,998	236,710	947,053	-633,669	-	-70,767	2,748	-	590,073
Total Fund	15,726,501	-	947,053	-633,669	-22,434	-72,648	229,992	432,647	16,607,443



Lantana Police Officers' Retirement System
Trailing Returns
As of June 30, 2019

	QTR		FYTD		1 YR		3 YR		5 YR		7 YR		Inception		Inception Date
Total Fund (Gross)	3.56	(18)	4.21	(23)	8.05	(8)	9.87	(14)	6.70	(15)	8.54	(40)	7.48	(30)	07/01/2003
Total Fund Policy	3.46	(24)	3.82	(35)	7.89	(11)	10.08	(8)	7.00	(8)	9.22	(14)	7.08	(53)	
All Public Plans-Total Fund Median	3.23		3.39		6.31		8.91		5.93		8.23		7.13		
Total Fund (Net)	3.51		4.06		7.86		9.68		6.56		8.41		7.23		07/01/2003
Total Equity	4.53		3.57		8.88		13.06		8.28		11.78		9.63		07/01/2003
Total Equity Policy	3.88		1.58		7.21		13.04		8.32		12.08		8.10		
Domestic Equity	4.72	(24)	3.83	(20)	10.98	(17)	13.75	(27)	9.35	(24)	12.83	(42)	9.16	(73)	04/01/2011
Total Domestic Equity Policy	4.10	(41)	1.74	(36)	8.98	(27)	14.02	(19)	10.19	(9)	13.79	(15)	12.10	(12)	
IM U.S. Multi-Cap Core Equity (MF) Median	3.88		0.47		6.33		12.40		8.12		12.47		10.35		
International Equity	3.87	(33)	2.77	(4)	1.91	(17)	10.83	(9)	4.45	(1)	7.97	(2)	5.24	(2)	04/01/2011
Total International Equity Policy	3.22	(41)	0.99	(11)	1.80	(18)	9.91	(22)	2.65	(2)	6.85	(31)	3.92	(28)	
IM International Large Cap Core Equity (MF) Median	3.03		-1.15		-0.39		8.30		1.07		6.11		3.52		
Total Fixed Income	2.08		5.89		6.15		3.05		3.10		2.67		3.51		07/01/2003
Total Fixed Income Policy	3.19		7.76		7.90		2.66		3.03		2.88		3.96		
Domestic Fixed Income	2.24	(89)	5.93	(78)	5.91	(87)	2.42	(74)	3.15	(40)	2.67	(71)	3.51	(86)	07/01/2003
Total Domestic Fixed Income Policy	3.08	(44)	7.85	(27)	7.87	(37)	2.31	(78)	2.95	(51)	2.73	(68)	3.90	(76)	
IM U.S. Broad Market Fixed Income (SA+CF+MF) Median	3.03		7.31		7.59		2.95		2.96		3.06		4.40		
Global Fixed Income	1.46	(98)	5.75	(72)	7.21	(30)	5.55	(3)	2.01	(38)	N/A		2.56	(34)	11/01/2013
Global Fixed Income Index	3.61	(36)	7.33	(33)	7.95	(18)	3.99	(16)	3.09	(18)	3.84	(9)	3.74	(14)	
IM Global Fixed Income (MF) Median	3.37		6.51		6.42		2.56		1.51		2.09		2.12		
Total Real Estate	1.40	(66)	4.93	(82)	6.99	(79)	6.19	(91)	N/A		N/A		6.15	(94)	01/01/2016
NCREIF Fund Index-Open End Diversified Core (EW)	1.35	(70)	4.73	(85)	6.91	(81)	7.88	(72)	10.03	(48)	10.61	(57)	8.12	(65)	
IM U.S. Open End Private Real Estate (SA+CF) Median	1.48		5.18		7.59		8.14		9.91		10.68		8.40		

Returns for periods greater than one year are annualized. Returns are expressed as percentages.



Lantana Police Officers' Retirement System
Trailing Returns
As of June 30, 2019

	QTR		FYTD		1 YR		3 YR		5 YR		7 YR		Inception		Inception Date
Domestic Equity Strategies															
JP Morgan Disciplined Equity (JDEUX)	4.23	(48)	1.71	(49)	9.78	(42)	13.96	(33)	N/A		N/A		11.55	(52)	09/01/2015
S&P 500 Index	4.30	(45)	2.51	(39)	10.42	(34)	14.19	(26)	10.71	(14)	13.98	(16)	13.30	(14)	
IM U.S. Large Cap Core Equity (MF) Median	4.17		1.65		9.26		13.11		9.33		12.89		11.64		
Parnassus Core Equity (PRILX)	6.13	(6)	8.83	(2)	17.43	(1)	14.57	(20)	N/A		N/A		13.01	(18)	09/01/2015
S&P 500 Index	4.30	(45)	2.51	(39)	10.42	(34)	14.19	(26)	10.71	(14)	13.98	(16)	13.30	(14)	
IM U.S. Large Cap Core Equity (MF) Median	4.17		1.65		9.26		13.11		9.33		12.89		11.64		
Vanguard Mid-Cap Index (VIMAX)	4.36	(38)	3.02	(16)	7.83	(18)	12.32	(22)	N/A		N/A		10.40	(25)	09/01/2015
Russell Midcap Index	4.13	(49)	2.69	(19)	7.83	(18)	12.16	(24)	8.63	(19)	13.37	(8)	10.90	(17)	
IM U.S. Mid Cap Core Equity (MF) Median	4.08		0.28		4.25		9.70		6.04		11.07		8.15		
Vanguard TSM Index (VITSX)	4.09	(42)	1.78	(35)	9.00	(27)	14.05	(18)	10.18	(10)	N/A		13.55	(15)	09/01/2012
Russell 3000 Index	4.10	(41)	1.74	(36)	8.98	(27)	14.02	(19)	10.19	(9)	13.79	(15)	13.58	(14)	
IM U.S. Multi-Cap Core Equity (MF) Median	3.88		0.47		6.33		12.40		8.12		12.47		12.25		
International Equity Strategies															
Europacific Growth (RERGX)	3.87	(33)	2.78	(4)	1.91	(17)	10.83	(9)	4.44	(1)	N/A		6.81	(1)	03/01/2013
MSCI AC World ex USA	3.22	(41)	0.99	(11)	1.80	(18)	9.91	(22)	2.65	(2)	6.85	(31)	4.93	(29)	
IM International Large Cap Core Equity (MF) Median	3.03		-1.15		-0.39		8.30		1.07		6.11		4.30		
Domestic Fixed Income Strategies															
Garcia Hamilton Fixed Income	2.24	(97)	5.93	(98)	5.91	(98)	2.42	(79)	N/A		N/A		3.13	(60)	12/01/2014
Blmbg. Barc. U.S. Aggregate Index	3.08	(68)	7.85	(64)	7.87	(79)	2.31	(87)	2.95	(88)	2.62	(93)	2.81	(90)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	3.14		7.93		8.12		2.80		3.29		3.11		3.20		
Global Fixed Income Strategies															
Templeton Global Total Return (FTTRX)	1.46	(98)	5.76	(72)	7.22	(29)	5.56	(3)	2.01	(38)	N/A		2.57	(34)	11/01/2013
Global Fixed Income Index	3.51	(39)	7.09	(38)	7.81	(19)	4.01	(16)	2.99	(19)	3.92	(8)	3.68	(14)	
IM Global Fixed Income (MF) Median	3.37		6.51		6.42		2.56		1.51		2.09		2.12		
Real Estate Strategies															
ASB Core Real Estate	1.40	(66)	4.93	(82)	6.99	(79)	6.19	(91)	N/A		N/A		6.15	(94)	01/01/2016
NCREIF Fund Index-Open End Diversified Core (EW)	1.35	(70)	4.73	(85)	6.91	(81)	7.88	(72)	10.03	(48)	10.61	(57)	8.12	(65)	
IM U.S. Open End Private Real Estate (SA+CF) Median	1.48		5.18		7.59		8.14		9.91		10.68		8.40		

Returns for periods greater than one year are annualized. Returns are expressed as percentages.



Lantana Police Officers' Retirement System
Fiscal Year Returns
As of June 30, 2019

Comparative Performance																		
	FYTD		FY 2018		FY 2017		FY 2016		FY 2015		FY 2014		FY 2013		FY 2012		FY 2011	
Total Fund (Gross)	4.21	(23)	9.35	(13)	12.38	(42)	9.45	(60)	-0.62	(47)	10.54	(40)	11.36	(61)	11.73	(92)	0.07	(63)
Total Fund Policy	3.82	(35)	9.52	(12)	13.13	(26)	11.38	(15)	-1.25	(62)	11.01	(31)	12.79	(40)	18.67	(32)	0.39	(55)
All Public Plans-Total Fund Median	3.39		7.10		11.84		9.74		-0.78		9.93		12.08		17.67		0.69	
Total Fund (Net)	4.06		9.16		12.22		9.25		-0.62		10.54		11.21		11.18		-0.23	
Total Equity	3.57		12.70		17.52		12.08		-2.28		14.51		20.88		16.62		-2.67	
Total Equity Policy	1.58		13.62		19.14		13.68		-3.37		14.53		20.52		26.34		-2.27	
Domestic Equity	3.83	(20)	16.21	(37)	16.60	(63)	12.96	(36)	-1.59	(48)	17.74	(32)	21.21	(65)	16.00	(97)	N/A	
Total Domestic Equity Policy	1.74	(36)	17.58	(20)	18.71	(36)	14.96	(17)	-0.49	(32)	17.76	(32)	21.60	(59)	30.20	(18)	0.55	(30)
IM U.S. Multi-Cap Core Equity (MF) Median	0.47		14.74		17.59		11.75		-1.81		16.34		22.72		27.01		-1.53	
International Equity	2.77	(4)	1.48	(42)	20.63	(25)	8.48	(7)	-4.88	(5)	3.47	(64)	19.20	(74)	18.77	(12)	N/A	
Total International Equity Policy	0.99	(11)	2.25	(16)	20.15	(26)	9.80	(4)	-11.78	(77)	5.22	(30)	16.98	(75)	15.04	(47)	-10.42	(29)
IM International Large Cap Core Equity (MF) Median	-1.15		1.28		18.70		5.53		-8.03		4.30		21.75		14.76		-11.30	
Total Fixed Income	5.89		0.26		2.90		5.12		1.85		3.56		-2.37		5.02		4.67	
Total Fixed Income Policy	7.76		-1.19		0.62		7.01		1.58		4.06		-0.71		4.31		4.22	
Domestic Fixed Income	5.93	(78)	0.87	(13)	0.31	(78)	5.72	(51)	3.43	(6)	3.37	(86)	-2.37	(90)	5.02	(91)	4.67	(42)
Total Domestic Fixed Income Policy	7.85	(27)	-1.22	(64)	0.07	(84)	5.19	(68)	2.94	(17)	3.96	(74)	-0.71	(42)	4.31	(97)	4.22	(55)
IM U.S. Broad Market Fixed Income (SA+CF+MF) Median	7.31		-0.91		1.29		5.72		1.83		4.74		-0.97		7.75		4.40	
Global Fixed Income	5.75	(72)	-1.92	(67)	13.82	(1)	2.62	(95)	-8.14	(94)	N/A		N/A		N/A		N/A	
Global Fixed Income Index	7.33	(33)	-1.16	(49)	2.82	(28)	14.46	(1)	-3.75	(49)	4.65	(36)	-1.58	(48)	14.19	(3)	2.52	(39)
IM Global Fixed Income (MF) Median	6.51		-1.29		1.02		7.42		-3.85		3.37		-1.81		7.17		1.74	
Total Real Estate	4.93	(82)	8.25	(70)	3.60	(100)	N/A		N/A		N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	4.73	(85)	8.82	(59)	7.81	(60)	10.62	(69)	14.71	(62)	12.39	(68)	12.47	(67)	11.77	(63)	18.03	(44)
IM U.S. Open End Private Real Estate (SA+CF) Median	5.18		9.04		8.29		11.32		15.45		12.78		13.18		12.87		16.96	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.



Lantana Police Officers' Retirement System
Fiscal Year Returns
As of June 30, 2019

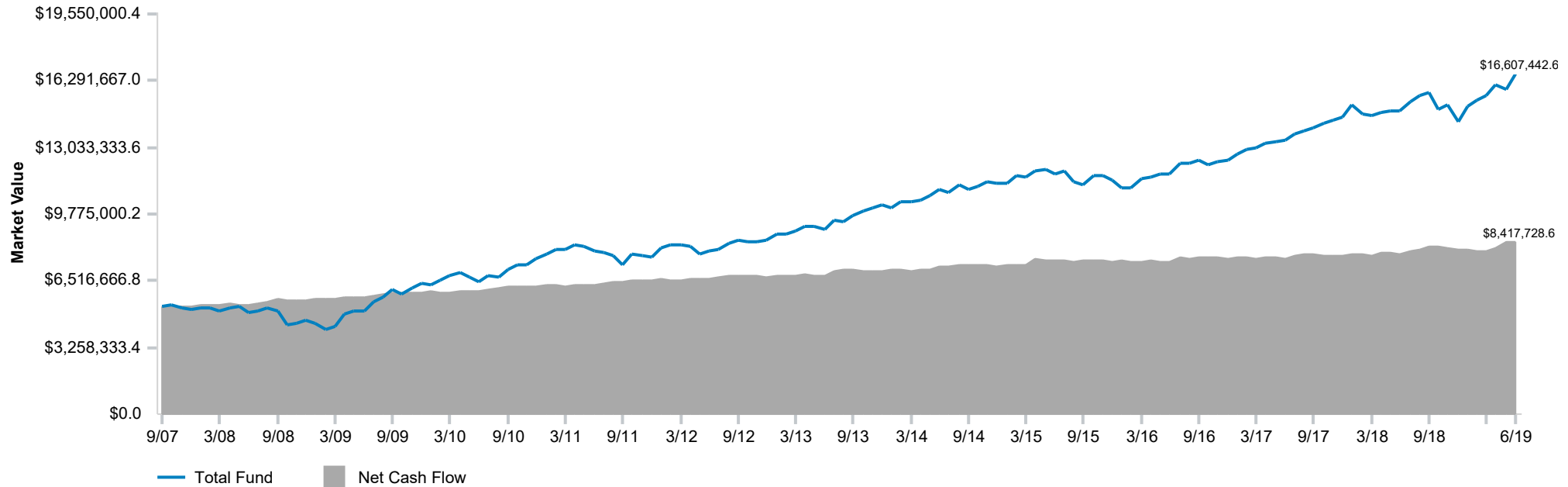
	FYTD		FY 2018		FY 2017		FY 2016		FY 2015		FY 2014		FY 2013		FY 2012		FY 2011	
Domestic Equity Strategies																		
JP Morgan Disciplined Equity (JDEUX)	1.71	(49)	16.98	(40)	19.32	(32)	11.00	(76)	N/A		N/A		N/A		N/A		N/A	
S&P 500 Index	2.51	(39)	17.91	(28)	18.61	(46)	15.43	(17)	-0.61	(30)	19.73	(18)	19.34	(60)	30.20	(23)	1.14	(24)
IM U.S. Large Cap Core Equity (MF) Median	1.65		16.08		18.36		12.98		-1.62		17.38		19.98		27.93		-1.13	
Parnassus Core Equity (PRILX)	8.83	(2)	16.75	(42)	13.15	(93)	13.37	(44)	N/A		N/A		N/A		N/A		N/A	
S&P 500 Index	2.51	(39)	17.91	(28)	18.61	(46)	15.43	(17)	-0.61	(30)	19.73	(18)	19.34	(60)	30.20	(23)	1.14	(24)
IM U.S. Large Cap Core Equity (MF) Median	1.65		16.08		18.36		12.98		-1.62		17.38		19.98		27.93		-1.13	
Vanguard Mid-Cap Index (VIMAX)	3.02	(16)	13.43	(30)	15.30	(49)	12.57	(39)	N/A		N/A		N/A		N/A		N/A	
Russell Midcap Index	2.69	(19)	13.98	(25)	15.32	(47)	14.25	(24)	-0.25	(31)	15.83	(17)	27.91	(42)	28.03	(32)	-0.88	(27)
IM U.S. Mid Cap Core Equity (MF) Median	0.28		10.82		15.25		11.65		-1.26		12.56		27.41		26.17		-3.68	
Vanguard TSM Index (VITSX)	1.78	(35)	17.65	(18)	18.64	(38)	14.98	(16)	-0.57	(34)	17.74	(32)	21.49	(61)	N/A		N/A	
Russell 3000 Index	1.74	(36)	17.58	(20)	18.71	(36)	14.96	(17)	-0.49	(32)	17.76	(32)	21.60	(59)	30.20	(18)	0.55	(30)
IM U.S. Multi-Cap Core Equity (MF) Median	0.47		14.74		17.59		11.75		-1.81		16.34		22.72		27.01		-1.53	
International Equity Strategies																		
Europacific Growth (RERGX)	2.78	(4)	1.47	(42)	20.64	(25)	8.48	(7)	-4.93	(5)	6.98	(12)	N/A		N/A		N/A	
MSCI AC World ex USA	0.99	(11)	2.25	(16)	20.15	(26)	9.80	(4)	-11.78	(77)	5.22	(30)	16.98	(75)	15.04	(47)	-10.42	(29)
IM International Large Cap Core Equity (MF) Median	-1.15		1.28		18.70		5.53		-8.03		4.30		21.75		14.76		-11.30	
Domestic Fixed Income Strategies																		
Garcia Hamilton Fixed Income	5.93	(98)	0.87	(4)	0.31	(68)	5.72	(47)	N/A		N/A		N/A		N/A		N/A	
Blmbg. Barc. U.S. Aggregate Index	7.85	(64)	-1.22	(89)	0.07	(87)	5.19	(81)	2.94	(60)	3.96	(81)	-1.68	(80)	5.16	(91)	5.26	(49)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	7.93		-0.74		0.62		5.67		3.02		4.51		-1.22		6.62		5.26	
PIMCO Total Return (PTTRX)	N/A		N/A		N/A		N/A		N/A		3.29	(83)	N/A		N/A		N/A	
Blmbg. Barc. U.S. Aggregate Index	7.85	(24)	-1.22	(41)	0.07	(64)	5.19	(52)	2.94	(9)	3.96	(59)	-1.68	(53)	5.16	(81)	5.26	(14)
IM U.S. Broad Market Core Fixed Income (MF) Median	7.48		-1.35		0.48		5.21		1.98		4.19		-1.62		6.79		4.30	
Global Fixed Income Strategies																		
Templeton Global Total Return (FTTRX)	5.76	(72)	-1.92	(67)	13.82	(1)	2.62	(95)	-8.14	(94)	N/A		N/A		N/A		N/A	
Global Fixed Income Index	7.09	(38)	-1.21	(50)	3.07	(27)	14.24	(1)	-3.96	(52)	4.70	(36)	-0.84	(37)	14.55	(3)	2.12	(43)
IM Global Fixed Income (MF) Median	6.51		-1.29		1.02		7.42		-3.85		3.37		-1.81		7.17		1.74	
Real Estate Strategies																		
ASB Core Real Estate	4.93	(82)	8.25	(70)	3.60	(100)	N/A		N/A		N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	4.73	(85)	8.82	(59)	7.81	(60)	10.62	(69)	14.71	(62)	12.39	(68)	12.47	(67)	11.77	(63)	18.03	(44)
IM U.S. Open End Private Real Estate (SA+CF) Median	5.18		9.04		8.29		11.32		15.45		12.78		13.18		12.87		16.96	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.



Lantana Police Officers' Retirement System
Long-Term Performance
As of June 30, 2019

Plan Growth



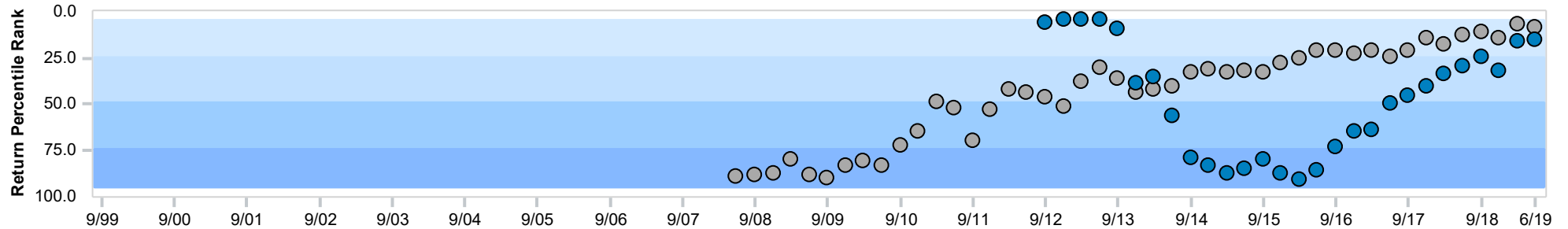
Trailing Returns

	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Total Fund	3.56 (18)	13.78 (9)	8.05 (8)	8.50 (7)	9.87 (14)	6.70 (15)	8.54 (40)	9.40 (40)	7.53 (7)
Total Fund Policy	3.46 (24)	13.39 (15)	7.89 (11)	8.58 (6)	10.08 (8)	7.00 (8)	9.22 (14)	9.90 (22)	6.79 (47)
Median	3.23	12.02	6.31	7.22	8.91	5.93	8.23	9.19	6.74

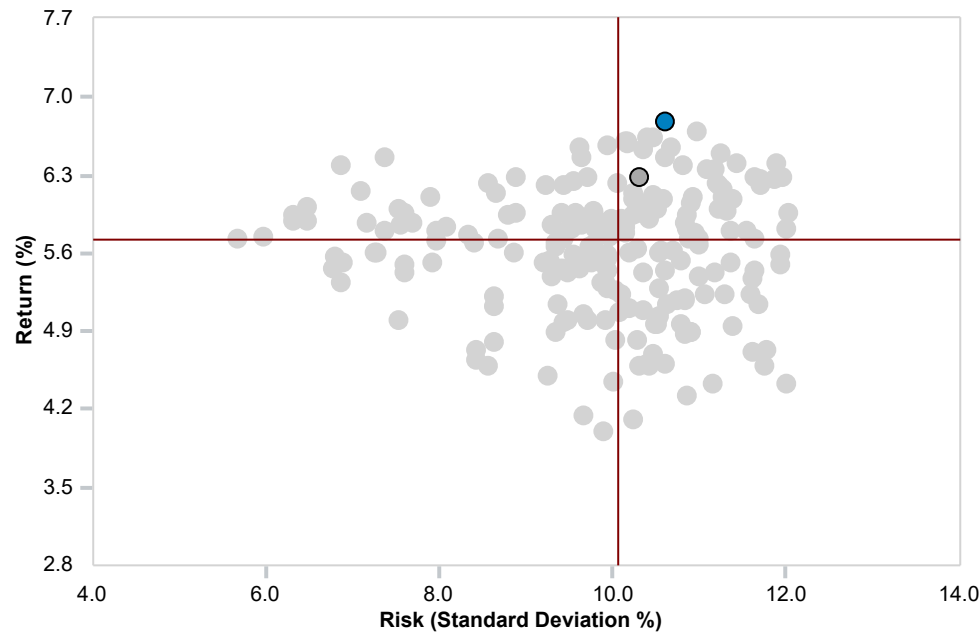
Fiscal Year Returns

	FYTD	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011
Total Fund	4.21 (23)	9.35 (13)	12.38 (41)	9.45 (59)	-0.62 (48)	10.54 (28)	11.36 (61)	11.73 (93)	0.07 (64)
Total Fund Policy	3.82 (35)	9.52 (11)	13.13 (25)	11.38 (5)	-1.25 (62)	11.01 (17)	12.79 (40)	18.67 (24)	0.39 (57)
Median	3.39	7.33	11.95	9.68	-0.76	9.40	12.12	16.75	0.73

5 Year Rolling Percentile Ranking

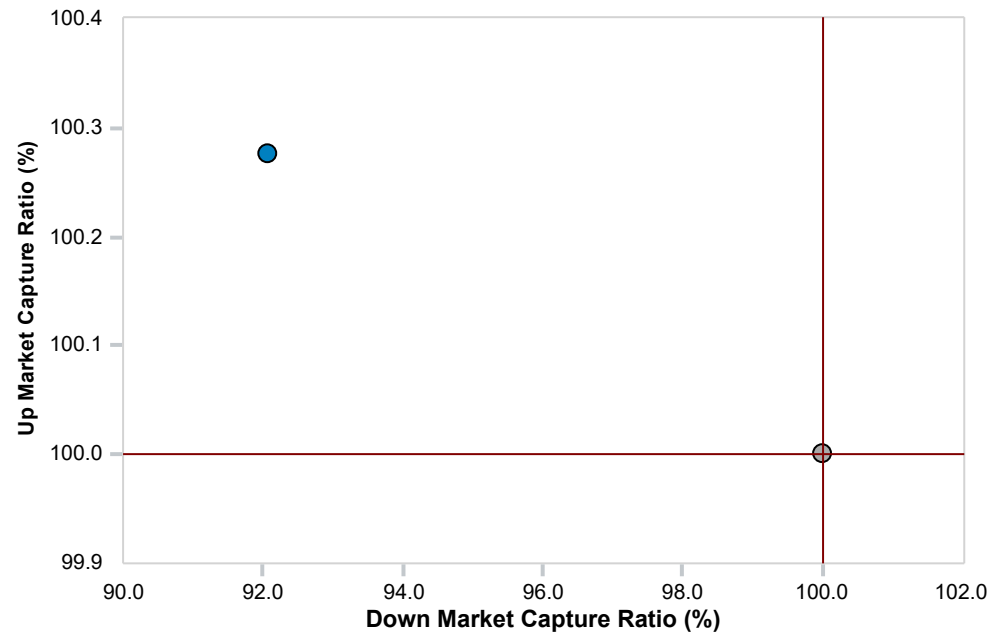


Risk vs Return: October 2007 to Present



● Total Fund ● Total Fund Policy

Up/Down Markets: October 2007 to Present



● Total Fund ● Total Fund Policy

Historical Statistics: October 1, 2007 To June 30, 2019

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Total Fund	44.68	-23.88	0.59	0.48	0.60	0.15	0.07	0.98	3.12
Total Fund Policy	0.00	-28.33	0.00	0.00	0.58	N/A	0.06	1.00	0.00

Lantana Police Officers' Retirement System
Compliance Statistics
As of June 30, 2019

Multi Timeperiod Statistics

	1 Qtr Return		1 Quarter Ending Mar-2019 Return		1 Quarter Ending Dec-2018 Return		1 Quarter Ending Sep-2018 Return		3 YR Return		5 YR Return		3 YR Down Market Capture		5 YR Down Market Capture	
Total Fund (Gross)	3.56	(18)	9.87	(10)	-8.41	(72)	3.68	(10)	9.87	(14)	6.70	(15)	93.08	(40)	97.03	(40)
Total Fund Policy	3.46	(24)	9.59	(16)	-8.44	(73)	3.92	(7)	10.08	(8)	7.00	(8)	100.00		100.00	
All Public Plans-Total Fund Median	3.23		8.38		-7.55		2.58		8.91		5.93		88.21		91.59	
Total Fund (Net)	3.51		9.83		-8.47		3.65		9.68		6.56		94.38		97.79	
Total Fund Policy	3.46		9.59		-8.44		3.92		10.08		7.00		100.00		100.00	
Total Equity	4.53		14.09		-13.15		5.12		13.06		8.28		93.12		94.66	
Total Equity Policy	3.88		13.14		-13.56		5.54		13.04		8.32		100.00		100.00	
Domestic Equity	4.72	(24)	14.35	(27)	-13.30	(28)	6.89	(30)	13.75	(27)	9.35	(24)	92.72	(69)	99.57	(64)
Total Domestic Equity Policy	4.10	(41)	14.04	(31)	-14.30	(48)	7.12	(20)	14.02	(19)	10.19	(9)	100.00		100.00	
IM U.S. Multi-Cap Core Equity (MF) Median	3.88		13.30		-14.37		5.83		12.40		8.12		99.85		102.69	
International Equity	3.87	(33)	13.20	(11)	-12.60	(25)	-0.84	(98)	10.83	(9)	4.45	(1)	115.30	(37)	97.23	(96)
Total International Equity Policy	3.22	(41)	10.44	(35)	-11.41	(5)	0.80	(34)	9.91	(22)	2.65	(2)	100.00		100.00	
IM International Large Cap Core Equity (MF) Median	3.03		10.04		-13.73		0.49		8.30		1.07		112.53		112.01	
Total Fixed Income	2.08		2.35		1.34		0.25		3.05		3.10		14.57		44.48	
Total Fixed Income Policy	3.19		3.35		1.04		0.13		2.66		3.03		100.00		100.00	
Domestic Fixed Income	2.24	(97)	2.46	(96)	1.13	(74)	-0.02	(89)	2.42	(79)	3.15	(64)	54.57	(95)	76.79	(87)
Total Domestic Fixed Income Policy	3.08	(68)	2.94	(83)	1.64	(23)	0.02	(83)	2.31	(87)	2.95	(89)	100.00		100.00	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	3.14		3.22		1.40		0.18		2.79		3.29		91.30		90.41	
Global Fixed Income	1.46	(98)	1.94	(87)	2.25	(2)	1.38	(5)	5.55	(3)	2.01	(38)	-83.37	(100)	-4.48	(84)
Global Fixed Income Index	3.61	(36)	4.96	(4)	-1.30	(92)	0.57	(15)	3.99	(16)	3.09	(18)	100.00		100.00	
IM Global Fixed Income (MF) Median	3.37		3.10		0.35		-0.39		2.56		1.51		83.28		88.71	
Total Real Estate	1.40	(66)	2.00	(45)	1.45	(74)	1.96	(58)	6.19	(91)	N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	1.35	(70)	1.69	(82)	1.62	(62)	2.09	(54)	7.88	(72)	10.03	(48)	N/A		N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median	1.48		1.99		1.76		2.10		8.14		9.91		N/A		N/A	



Lantana Police Officers' Retirement System
Compliance Statistics
As of June 30, 2019

	1 Qtr Return		1 Quarter Ending Mar-2019 Return		1 Quarter Ending Dec-2018 Return		1 Quarter Ending Sep-2018 Return		3 YR Return		5 YR Return		3 YR Down Market Capture		5 YR Down Market Capture	
Domestic Equity Strategies																
JP Morgan Disciplined Equity (JDEUX)	4.23	(48)	13.36	(42)	-13.92	(55)	7.93	(24)	13.96	(33)	N/A		107.81	(29)	N/A	
S&P 500 Index	4.30	(45)	13.65	(32)	-13.52	(45)	7.71	(31)	14.19	(26)	10.71	(14)	100.00		100.00	
IM U.S. Large Cap Core Equity (MF) Median	4.17		13.12		-13.77		7.26		13.11		9.33		99.90		103.50	
Parnassus Core Equity (PRILX)	6.13	(6)	13.36	(42)	-9.54	(8)	7.90	(24)	14.57	(20)	N/A		68.26	(99)	N/A	
S&P 500 Index	4.30	(45)	13.65	(32)	-13.52	(45)	7.71	(31)	14.19	(26)	10.71	(14)	100.00		100.00	
IM U.S. Large Cap Core Equity (MF) Median	4.17		13.12		-13.77		7.26		13.11		9.33		99.90		103.50	
Vanguard Mid-Cap Index (VIMAX)	4.36	(38)	16.77	(8)	-15.46	(47)	4.67	(40)	12.32	(22)	N/A		97.56	(81)	N/A	
Russell Midcap Index	4.13	(49)	16.54	(11)	-15.37	(44)	5.00	(27)	12.16	(24)	8.63	(19)	100.00		100.00	
IM U.S. Mid Cap Core Equity (MF) Median	4.08		14.58		-15.76		4.11		9.70		6.04		108.19		111.52	
Vanguard TSM Index (VITSX)	4.09	(42)	14.04	(31)	-14.26	(47)	7.09	(23)	14.05	(18)	10.18	(10)	99.41	(52)	99.67	(63)
Russell 3000 Index	4.10	(41)	14.04	(31)	-14.30	(48)	7.12	(20)	14.02	(19)	10.19	(9)	100.00		100.00	
IM U.S. Multi-Cap Core Equity (MF) Median	3.88		13.30		-14.37		5.83		12.40		8.12		99.85		102.69	
International Equity Strategies																
Europacific Growth (RERGX)	3.87	(33)	13.20	(11)	-12.59	(25)	-0.84	(98)	10.83	(9)	4.44	(1)	115.30	(37)	97.30	(96)
MSCI AC World ex USA	3.22	(41)	10.44	(35)	-11.41	(5)	0.80	(34)	9.91	(22)	2.65	(2)	100.00		100.00	
IM International Large Cap Core Equity (MF) Median	3.03		10.04		-13.73		0.49		8.30		1.07		112.53		112.01	
Domestic Fixed Income Strategies																
Garcia Hamilton Fixed Income	2.24	(97)	2.46	(96)	1.13	(74)	-0.02	(89)	2.42	(79)	N/A		54.57	(95)	N/A	
Blmbg. Barc. U.S. Aggregate Index	3.08	(68)	2.94	(83)	1.64	(23)	0.02	(83)	2.31	(87)	2.95	(89)	100.00		100.00	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	3.14		3.22		1.40		0.18		2.79		3.29		91.30		90.41	
Global Fixed Income Strategies																
Templeton Global Total Return (FTTRX)	1.46	(98)	1.94	(87)	2.26	(1)	1.38	(5)	5.56	(3)	2.01	(38)	-85.02	(100)	-4.48	(84)
Global Fixed Income Index	3.51	(39)	5.01	(4)	-1.47	(94)	0.67	(11)	4.01	(16)	2.99	(19)	100.00		100.00	
IM Global Fixed Income (MF) Median	3.37		3.10		0.35		-0.39		2.56		1.51		84.83		88.03	
Real Estate Strategies																
ASB Core Real Estate	1.40	(66)	2.00	(45)	1.45	(74)	1.96	(58)	6.19	(91)	N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	1.35	(70)	1.69	(82)	1.62	(62)	2.09	(54)	7.88	(72)	10.03	(48)	N/A		N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median	1.48		1.99		1.76		2.10		8.14		9.91		N/A		N/A	



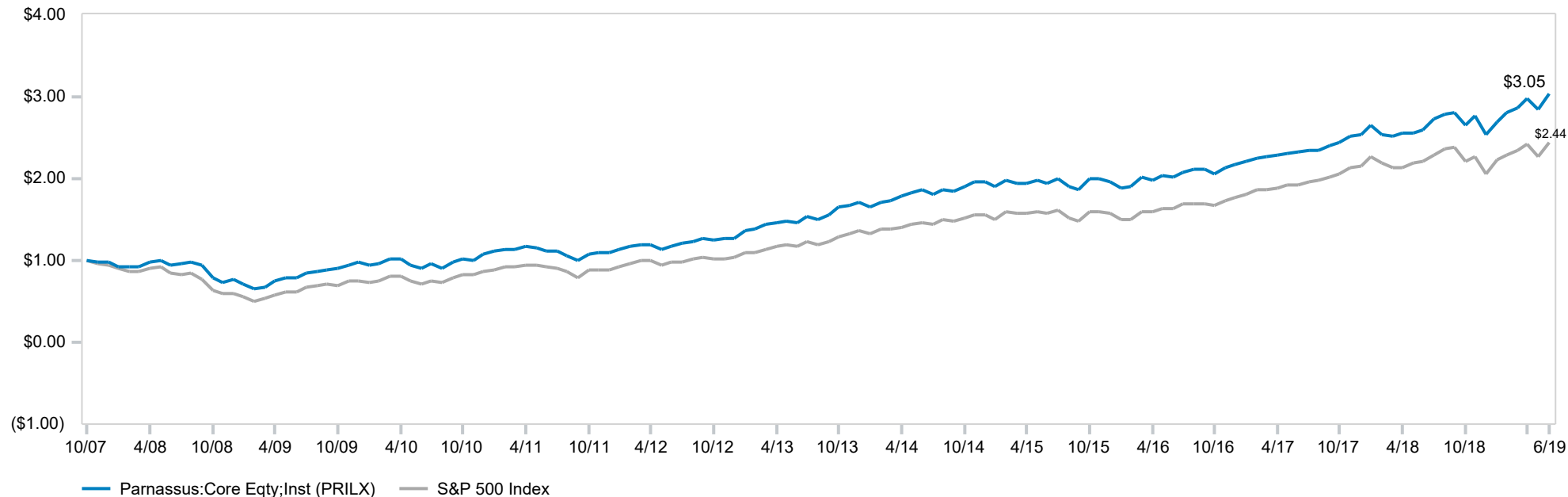
Lantana Police Officers' Retirement System
Fee Analysis
As of June 30, 2019

	Estimated Annual Fee (%)	06/30/19 Market Value	06/30/19 Allocation (%)	Estimated Annual Fee (\$)
Domestic Equity				
JP Morgan Disciplined Equity R6 (JDEUX)	0.35	2,043,722	12.31	7,153
Vanguard TSM Index (VITSX)	0.04	2,076,991	12.51	831
Vanguard Mid-Cap Index Adm (VIMAX)	0.09	2,065,336	12.44	1,859
Parnassus Core Equity Inst (PRILX)	0.67	2,223,207	13.39	14,895
International Equity				
Europacific Growth (RERGX)	0.49	2,475,640	14.91	12,131
Domestic Fixed Income				
Garcia Hamilton Fixed Income	0.25	2,882,096	17.35	7,205
Global Fixed Income				
Templeton Global Total Return (FTTRX)	0.66	701,793	4.23	4,632
Real Estate				
ASB Core Real Estate	1.25	1,548,583	9.32	19,357
Cash Accounts				
Receipt & Disbursement	0.00	590,073	3.55	-
Total Fund	0.41	16,607,443	100.00	68,063



Long-Term Manager Composite Data

Growth of a Dollar



Trailing Returns

	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Parnassus:Core Eqty;Inst (PRILX)	6.13 (6)	20.31 (16)	17.43 (1)	14.61 (5)	14.57 (20)	10.40 (21)	14.53 (8)	14.35 (20)	N/A
S&P 500 Index	4.30 (45)	18.54 (38)	10.42 (34)	12.38 (24)	14.19 (26)	10.71 (14)	13.98 (16)	14.70 (12)	8.75 (23)
Median	4.17	17.88	9.26	11.21	13.11	9.33	12.89	13.36	8.09

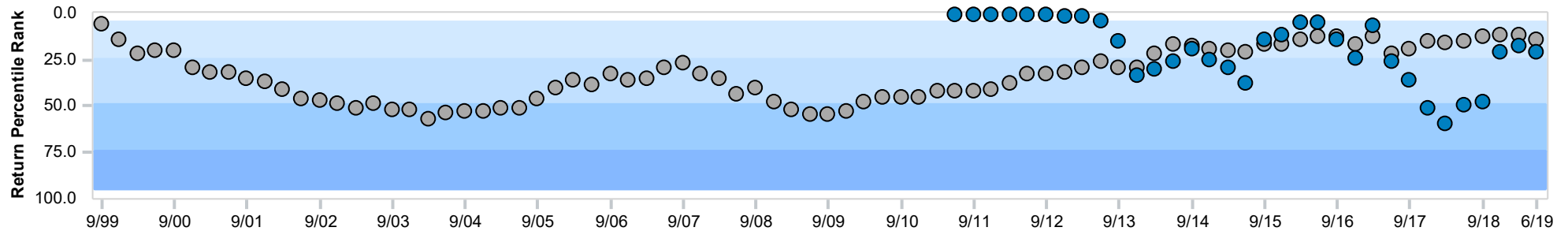
Fiscal Year Returns

	FYTD	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011
Parnassus:Core Eqty;Inst (PRILX)	8.83 (2)	16.74 (43)	13.15 (93)	13.41 (44)	1.09 (11)	18.51 (35)	23.61 (10)	26.83 (61)	0.58 (31)
S&P 500 Index	2.51 (39)	17.91 (28)	18.61 (46)	15.43 (17)	-0.61 (30)	19.73 (18)	19.34 (60)	30.20 (23)	1.14 (24)
Median	1.65	16.08	18.36	12.98	-1.62	17.38	19.98	27.93	-1.13

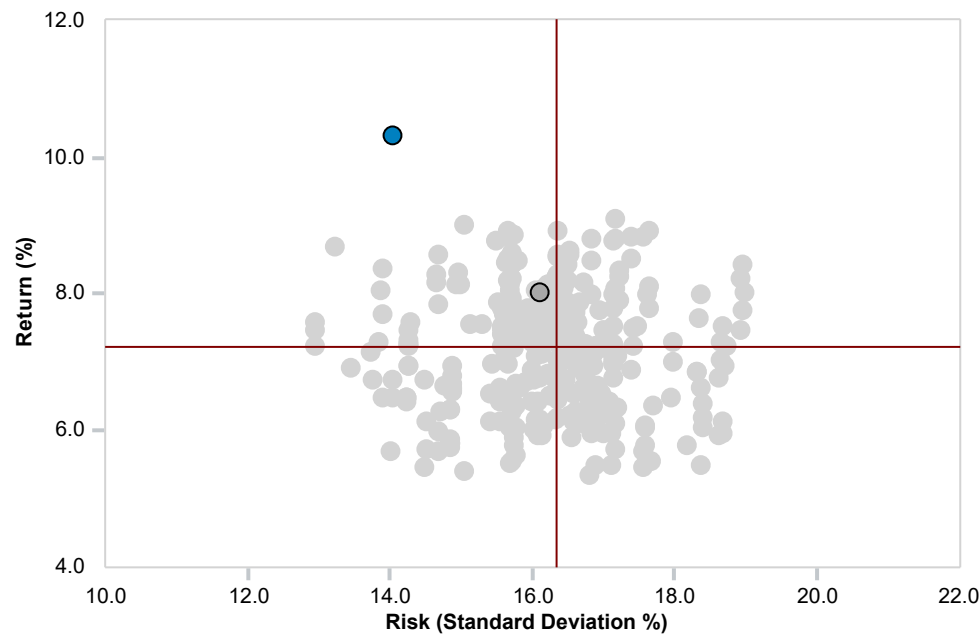
Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Large Cap Core Equity (MF)



5 Year Rolling Percentile Ranking

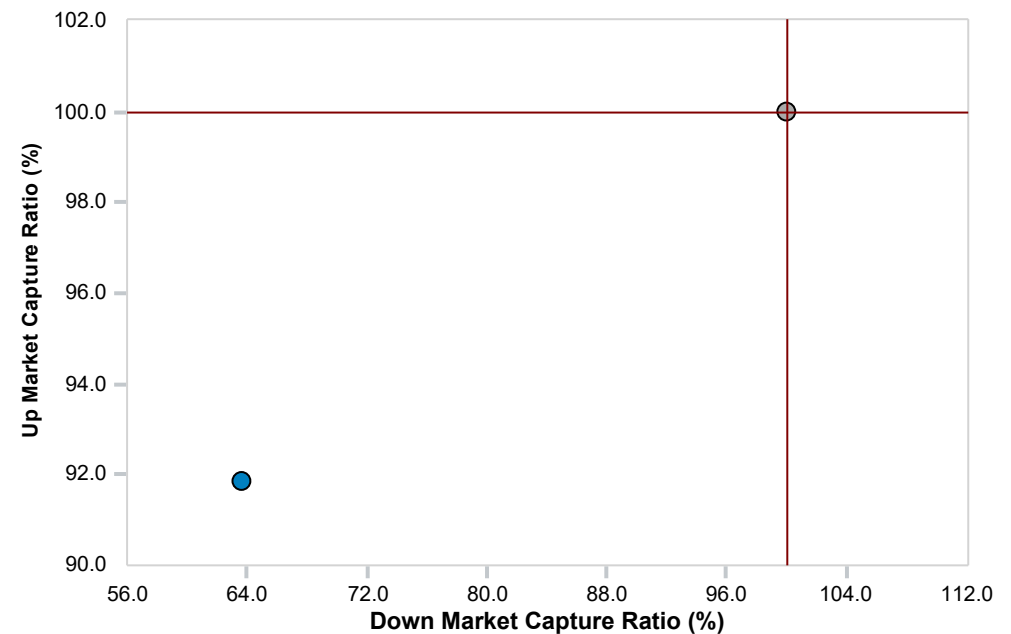


Risk vs Return: October 2007 to Present



● Parnassus:Core Eqty;Inst (PRILX) ● S&P 500 Index

Up/Down Markets: October 2007 to Present



● Parnassus:Core Eqty;Inst (PRILX) ● S&P 500 Index

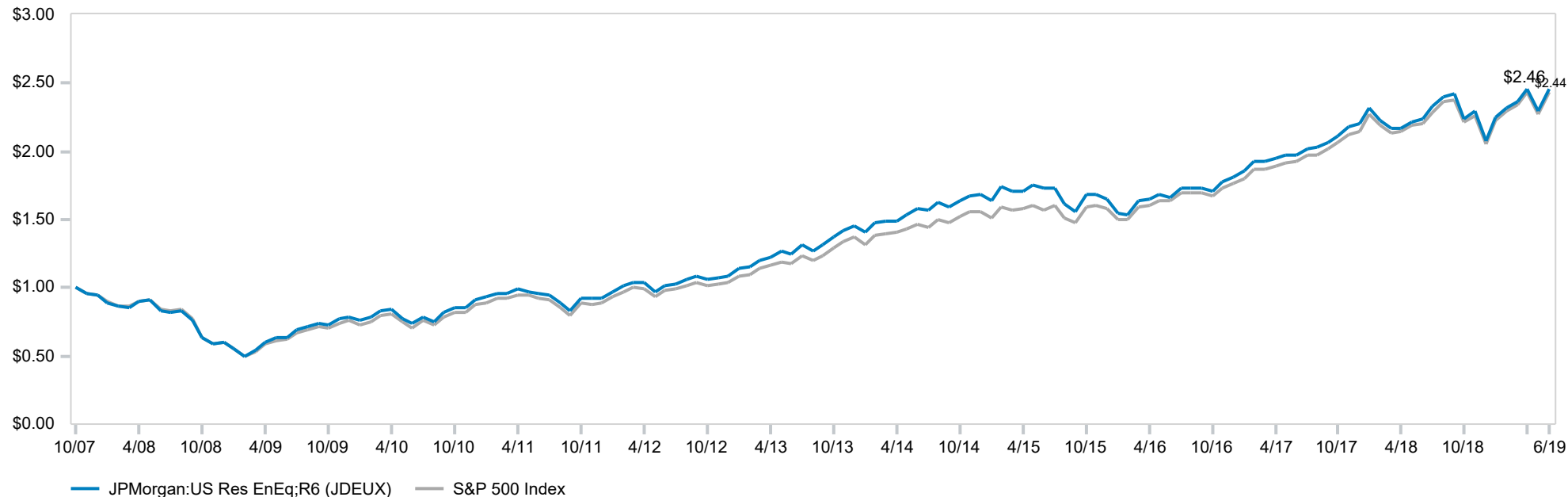
Historical Statistics: October 1, 2007 To June 30, 2019

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Parnassus:Core Eqty;Inst (PRILX)	51.06	-31.14	3.34	1.79	0.73	0.37	0.12	0.83	4.84
S&P 500 Index	0.00	-45.80	0.00	0.00	0.52	N/A	0.08	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Large Cap Core Equity (MF)



Growth of a Dollar



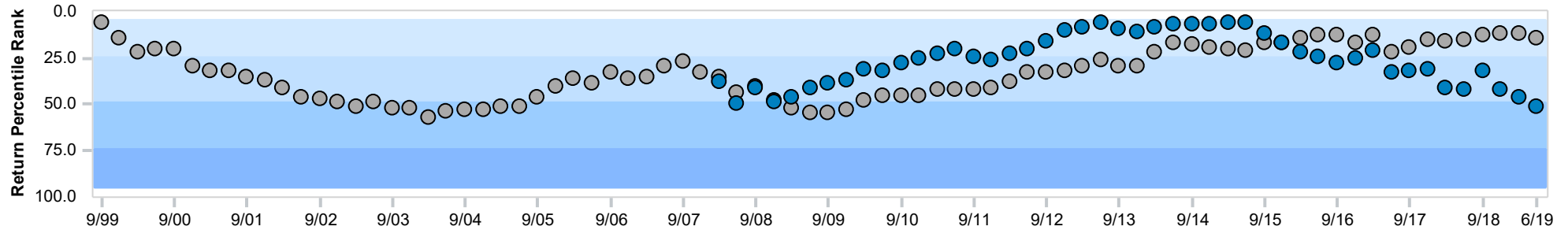
Trailing Returns

	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
JPMorgan:US Res EnEq;R6 (JDEUX)	4.23 (48)	18.16 (45)	9.78 (42)	11.52 (45)	13.96 (33)	9.31 (51)	13.48 (31)	14.45 (18)	8.80 (21)
S&P 500 Index	4.30 (45)	18.54 (38)	10.42 (34)	12.38 (24)	14.19 (26)	10.71 (14)	13.98 (16)	14.70 (12)	8.75 (23)
Median	4.17	17.88	9.26	11.21	13.11	9.33	12.89	13.36	8.09

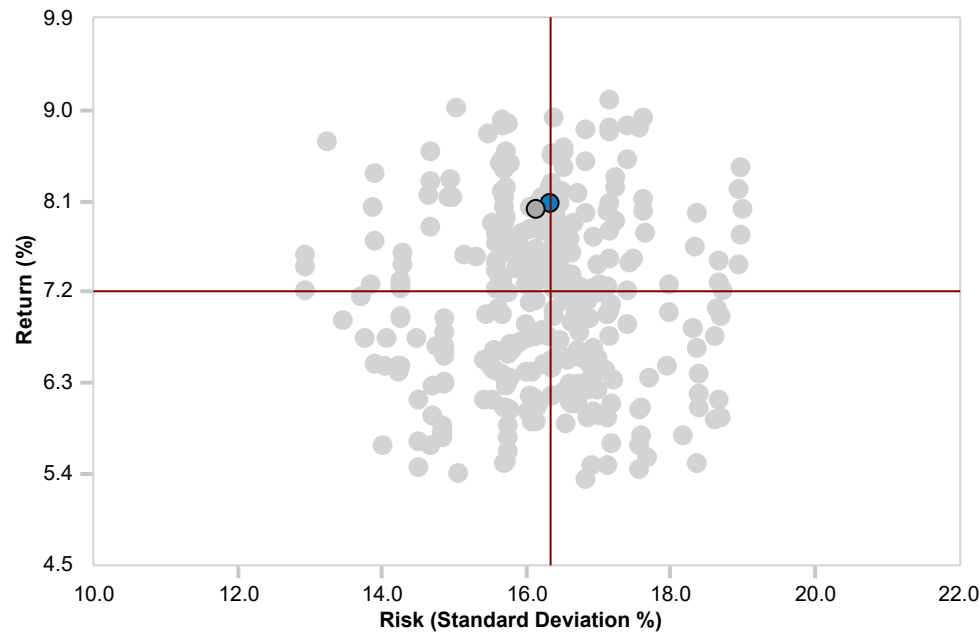
Fiscal Year Returns

	FYTD	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011
JPMorgan:US Res EnEq;R6 (JDEUX)	1.72 (49)	16.97 (40)	19.31 (32)	11.02 (76)	-2.26 (61)	21.77 (4)	21.14 (31)	30.56 (19)	0.91 (27)
S&P 500 Index	2.51 (39)	17.91 (28)	18.61 (46)	15.43 (17)	-0.61 (30)	19.73 (18)	19.34 (60)	30.20 (23)	1.14 (24)
Median	1.65	16.08	18.36	12.98	-1.62	17.38	19.98	27.93	-1.13

5 Year Rolling Percentile Ranking

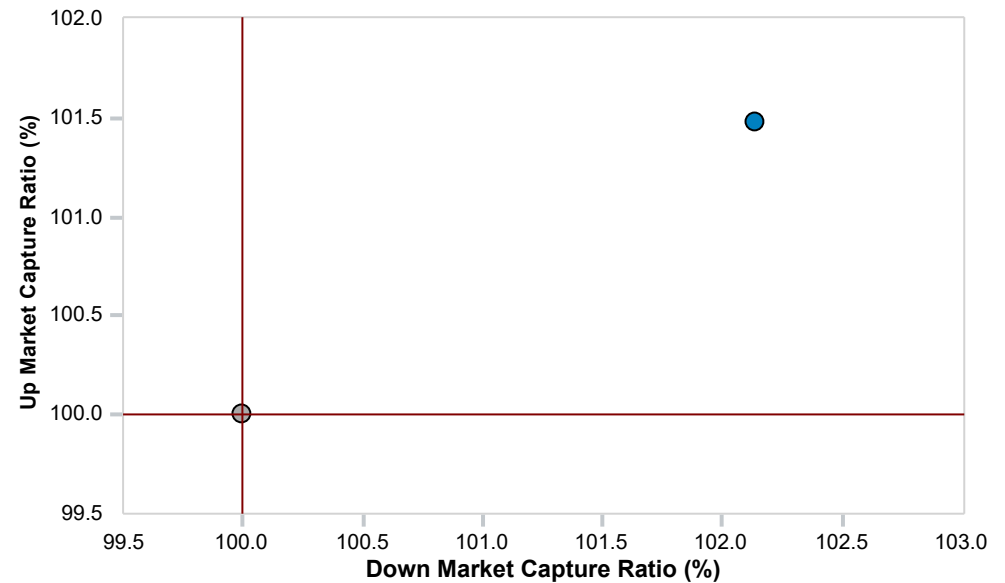


Risk vs Return: October 2007 to Present



● JPMorgan:US Res EnEq;R6 (JDEUX) ● S&P 500 Index

Up/Down Markets: October 2007 to Present



● JPMorgan:US Res EnEq;R6 (JDEUX)
● S&P 500 Index

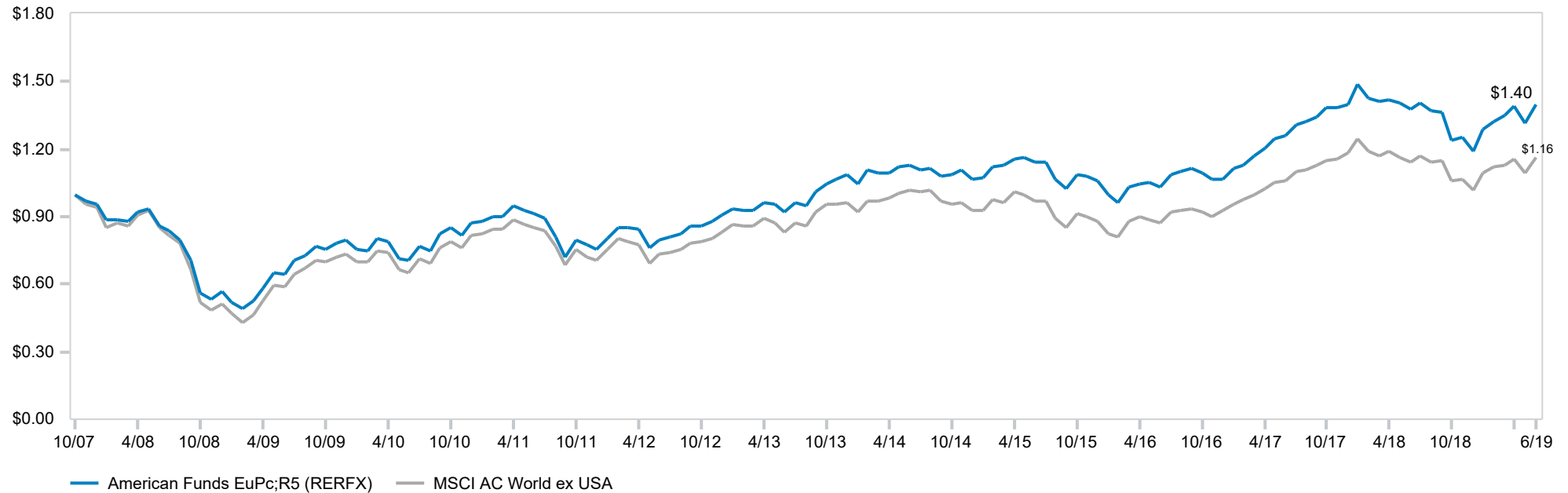
Historical Statistics: October 1, 2007 To June 30, 2019

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
JPMorgan:US Res EnEq;R6 (JDEUX)	57.45	-44.76	0.00	0.07	0.52	0.05	0.08	1.01	1.62
S&P 500 Index	0.00	-45.80	0.00	0.00	0.52	N/A	0.08	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Large Cap Core Equity (MF)



Growth of a Dollar



Trailing Returns

	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
American Funds EuPc;R5 (RERFX)	3.87 (33)	17.57 (11)	1.86 (18)	5.51 (9)	10.78 (9)	4.40 (1)	8.38 (2)	8.11 (1)	7.51 (1)
MSCI AC World ex USA	3.22 (41)	14.00 (46)	1.80 (18)	4.75 (13)	9.91 (22)	2.65 (2)	6.85 (31)	7.03 (26)	6.33 (12)
Median	3.03	13.66	-0.39	2.44	8.30	1.07	6.11	6.17	5.24

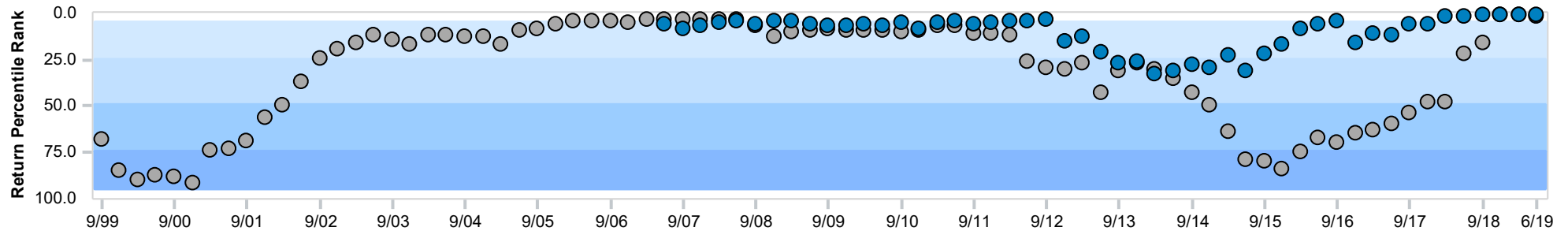
Fiscal Year Returns

	FYTD	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011
American Funds EuPc;R5 (RERFX)	2.74 (4)	1.44 (43)	20.56 (25)	8.47 (7)	-4.97 (5)	6.93 (12)	18.22 (74)	18.39 (13)	-12.38 (75)
MSCI AC World ex USA	0.99 (11)	2.25 (16)	20.15 (26)	9.80 (4)	-11.78 (77)	5.22 (30)	16.98 (75)	15.04 (47)	-10.42 (29)
Median	-1.15	1.28	18.70	5.53	-8.03	4.30	21.75	14.76	-11.30

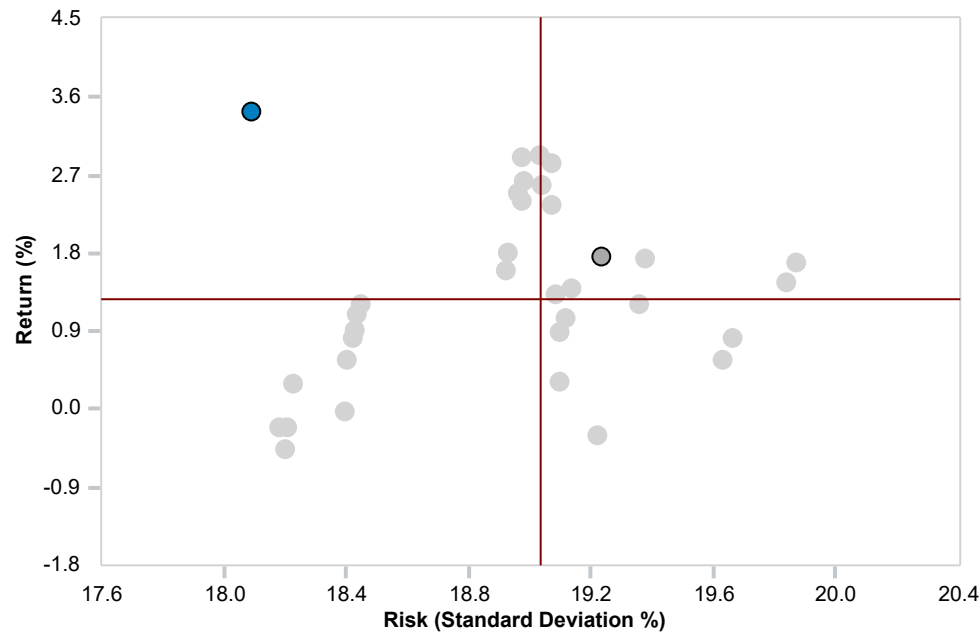
Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM International Large Cap Core Equity (IMF)



5 Year Rolling Percentile Ranking

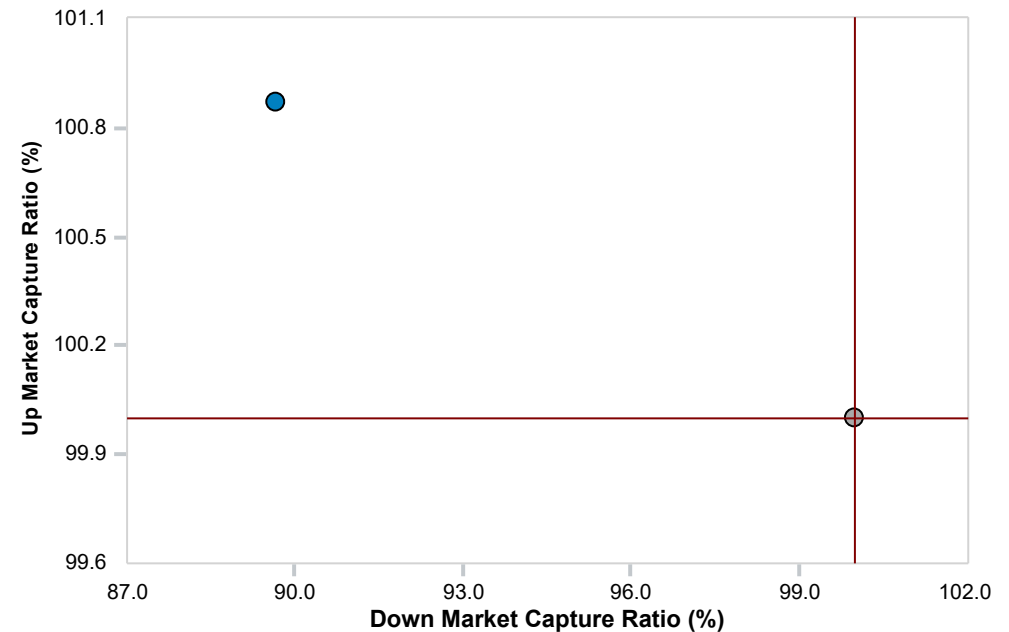


Risk vs Return: October 2007 to Present



● American Funds EuPc;R5 (RERFX) ● MSCI AC World ex USA

Up/Down Markets: October 2007 to Present

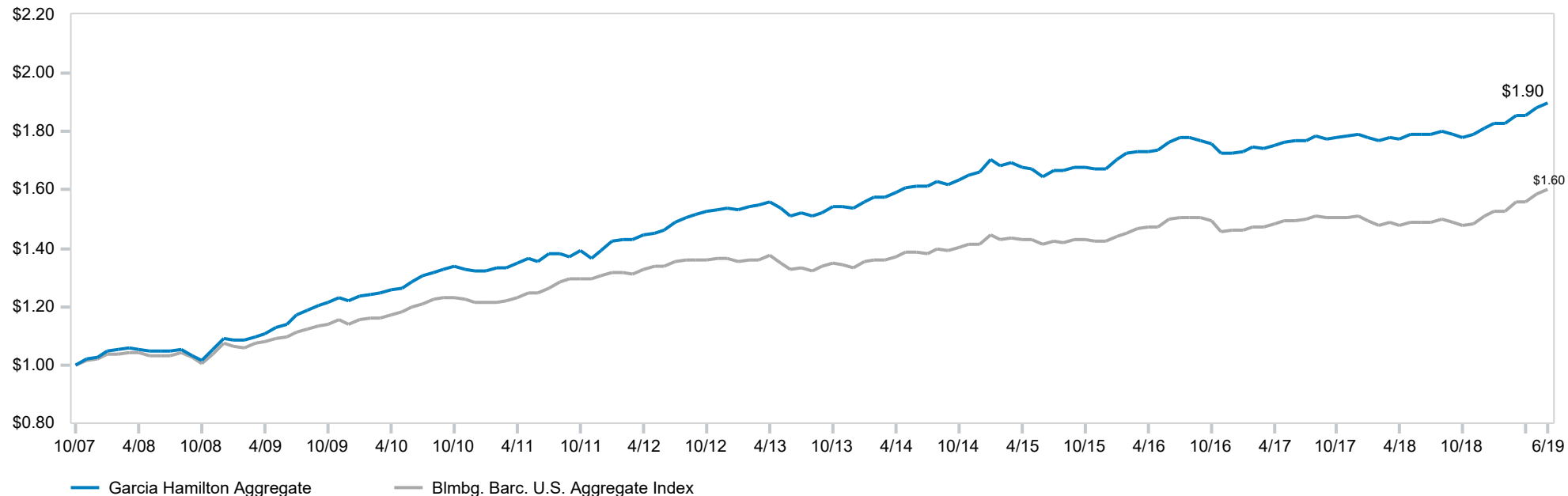


● American Funds EuPc;R5 (RERFX) ● MSCI AC World ex USA

Historical Statistics: October 1, 2007 To June 30, 2019

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
American Funds EuPc;R5 (RERFX)	59.57	-45.07	1.70	1.42	0.24	0.40	0.05	0.93	3.50
MSCI AC World ex USA	0.00	-51.36	0.00	0.00	0.15	N/A	0.03	1.00	0.00

Growth of a Dollar



Trailing Returns

	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Garcia Hamilton Aggregate	2.31 (97)	4.80 (97)	5.92 (97)	3.59 (89)	2.42 (90)	3.34 (55)	3.78 (29)	5.24 (40)	5.60 (15)
Blmbg. Barc. U.S. Aggregate Index	3.08 (69)	6.11 (82)	7.87 (74)	3.65 (86)	2.31 (94)	2.95 (90)	2.62 (96)	3.90 (97)	4.27 (94)
Median	3.17	6.67	8.19	4.08	3.06	3.39	3.39	4.94	4.96

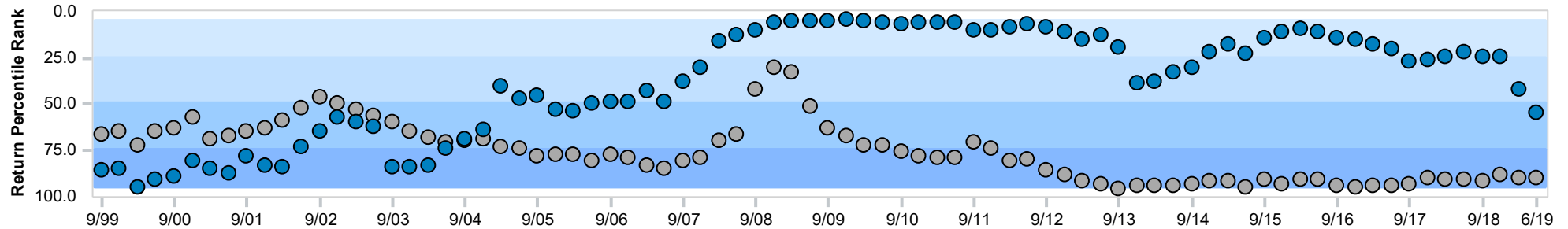
Fiscal Year Returns

	FYTD	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011
Garcia Hamilton Aggregate	6.01 (93)	0.73 (8)	0.31 (82)	5.57 (71)	3.62 (9)	6.35 (18)	0.28 (22)	10.81 (13)	3.35 (92)
Blmbg. Barc. U.S. Aggregate Index	7.85 (56)	-1.22 (90)	0.07 (92)	5.19 (86)	2.94 (43)	3.96 (86)	-1.68 (84)	5.16 (94)	5.26 (46)
Median	7.89	-0.62	1.04	5.93	2.81	4.98	-0.84	7.51	5.18

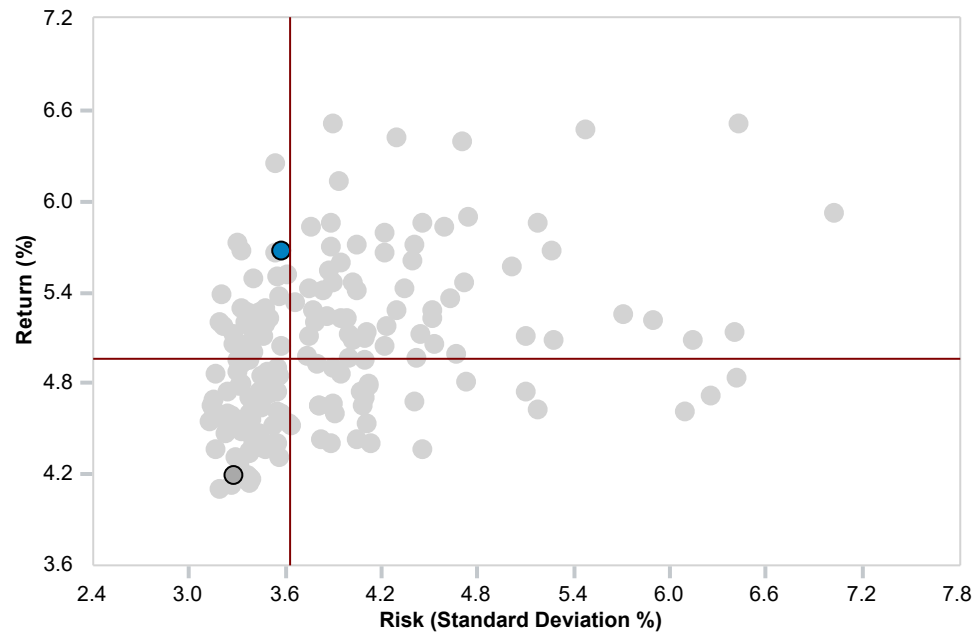
Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Broad Market Fixed Income (SA+CF)



5 Year Rolling Percentile Ranking

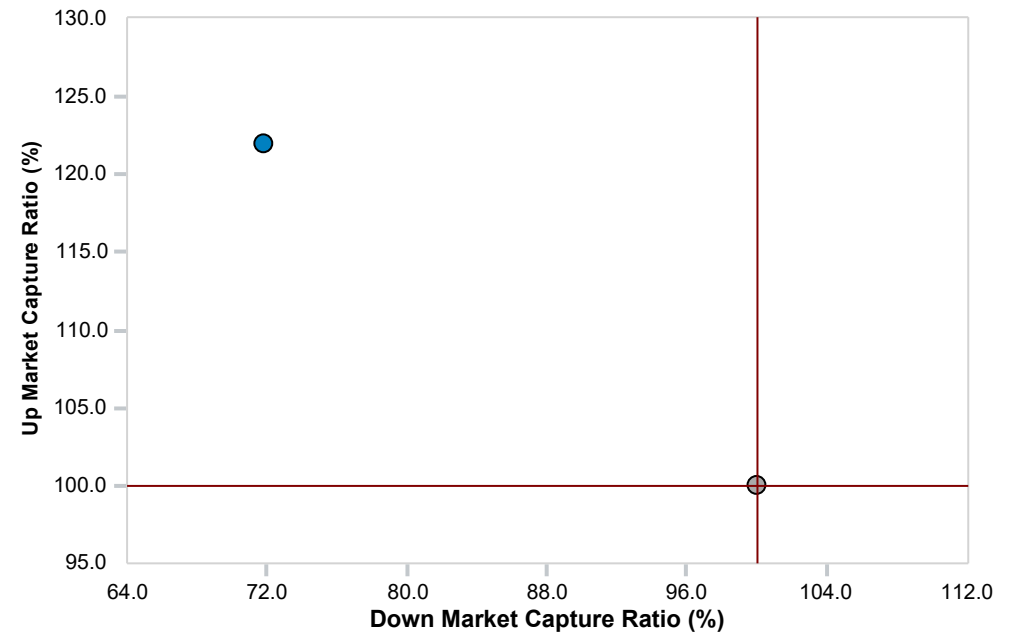


Risk vs Return: October 2007 to Present



● Garcia Hamilton Aggregate ● Blmbg. Barc. U.S. Aggregate Index

Up/Down Markets: October 2007 to Present

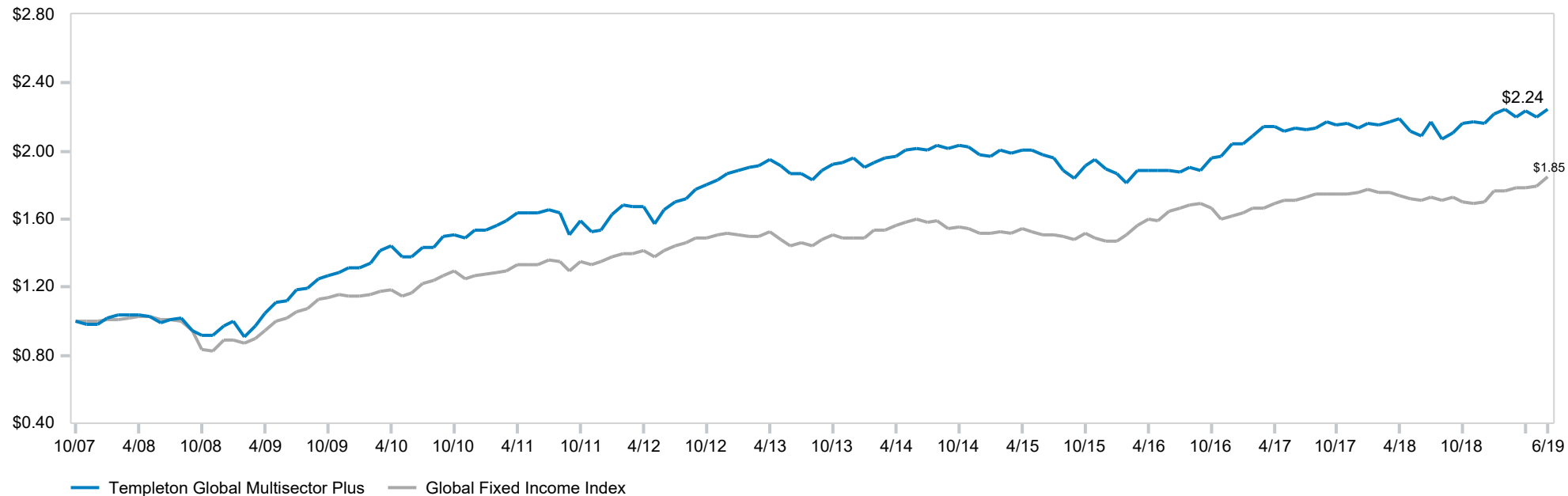


● Garcia Hamilton Aggregate ● Blmbg. Barc. U.S. Aggregate Index

Historical Statistics: October 1, 2007 To June 30, 2019

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Garcia Hamilton Aggregate	70.21	-2.71	1.68	1.44	1.38	0.80	0.05	0.94	1.80
Blmbg. Barc. U.S. Aggregate Index	0.00	-2.98	0.00	0.00	1.08	N/A	0.04	1.00	0.00

Growth of a Dollar



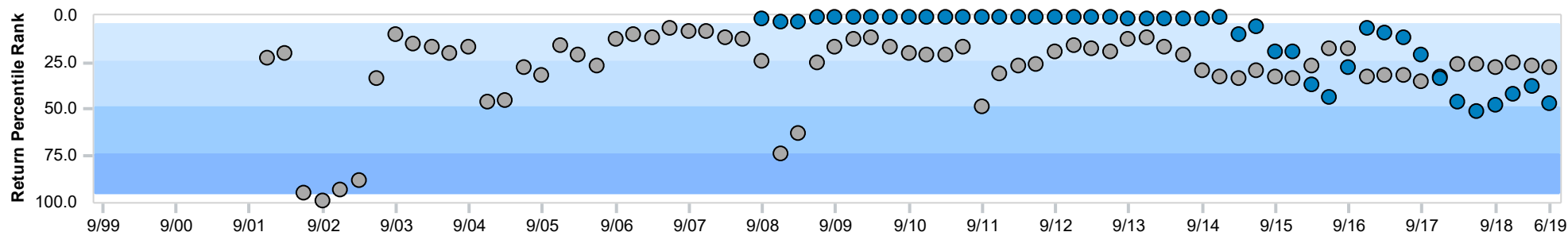
Trailing Returns

	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Templeton Global Multisector Plus	1.80 (90)	3.68 (93)	7.23 (34)	2.55 (87)	5.99 (8)	2.15 (47)	4.47 (23)	7.21 (4)	8.73 (1)
Global Fixed Income Index	3.51 (50)	8.69 (15)	7.81 (23)	4.03 (43)	4.01 (40)	2.99 (28)	3.92 (33)	6.19 (24)	6.31 (19)
Median	3.48	6.45	6.33	3.88	3.38	2.09	3.02	4.31	4.67

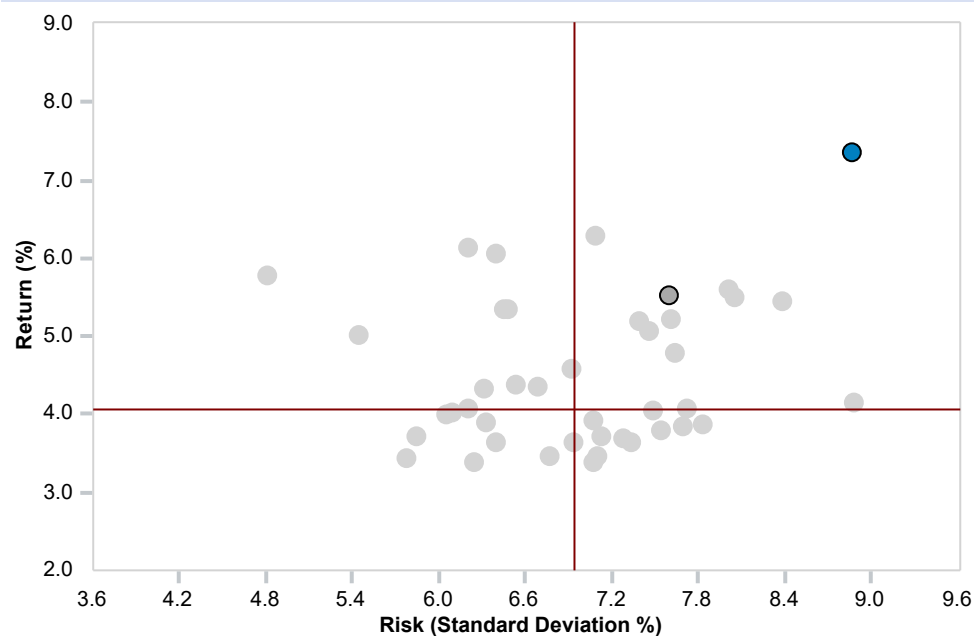
Fiscal Year Returns

	FYTD	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011
Templeton Global Multisector Plus	6.54 (58)	-2.92 (92)	15.27 (1)	2.07 (97)	-8.32 (97)	6.56 (25)	6.45 (6)	17.76 (2)	0.26 (85)
Global Fixed Income Index	7.09 (41)	-1.21 (54)	3.07 (53)	14.24 (2)	-3.96 (69)	4.70 (44)	-0.84 (57)	14.55 (7)	2.12 (65)
Median	6.72	-1.08	3.57	8.37	-3.04	4.35	-0.31	8.49	3.15

5 Year Rolling Percentile Ranking

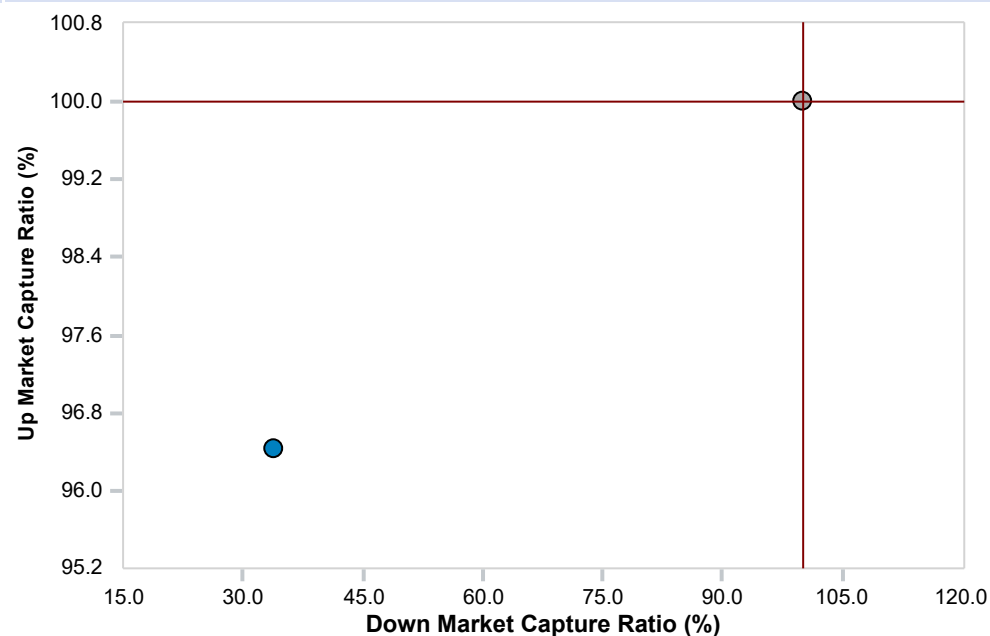


Risk vs Return: October 2007 to Present



● Templeton Global Multisector Plus ● Global Fixed Income Index

Up/Down Markets: October 2007 to Present

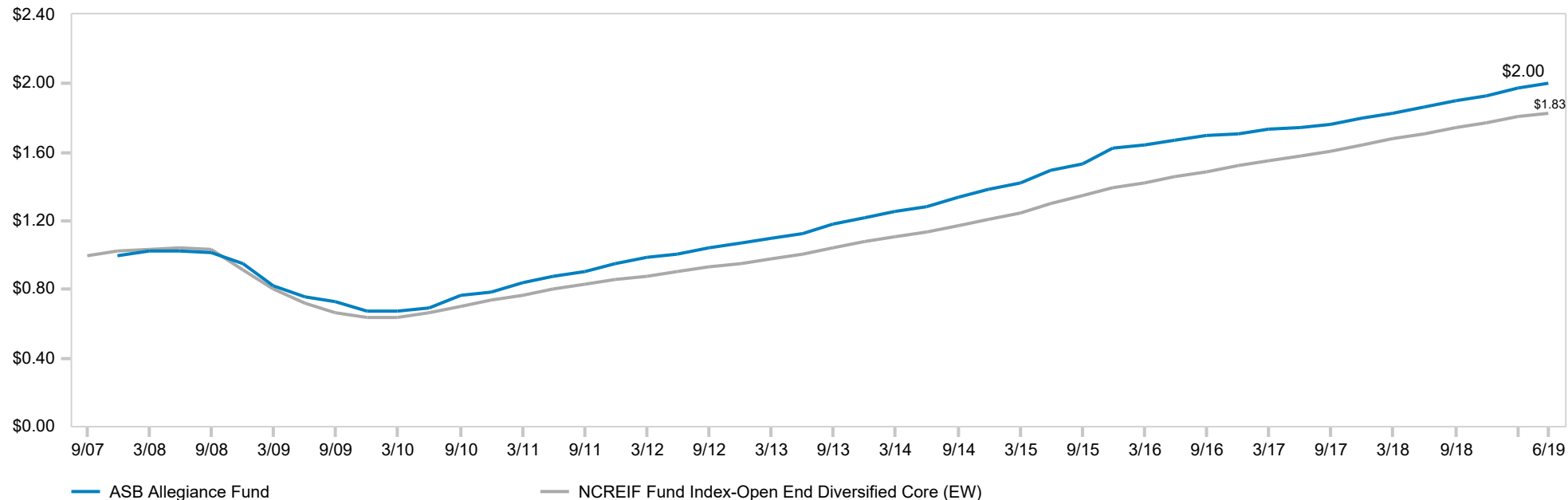


● Templeton Global Multisector Plus ● Global Fixed Income Index

Historical Statistics: October 1, 2007 To June 30, 2019

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Templeton Global Multisector Plus	51.06	-8.96	3.39	1.83	0.77	0.25	0.09	0.73	7.20
Global Fixed Income Index	0.00	-12.97	0.00	0.00	0.65	N/A	0.05	1.00	0.00

Growth of a Dollar



Trailing Returns

	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
ASB Allegiance Fund	1.40 (66)	3.44 (52)	6.99 (78)	7.00 (80)	6.20 (91)	9.25 (81)	10.25 (66)	10.16 (60)	8.70 (N/A)
NCREIF Fund Index-Open End Diversified Core (EW)	1.35 (70)	3.06 (74)	6.91 (81)	7.76 (71)	7.88 (72)	10.03 (48)	10.61 (57)	9.74 (63)	7.82 (N/A)
Median	1.48	3.46	7.59	8.15	8.14	9.91	10.68	10.59	N/A

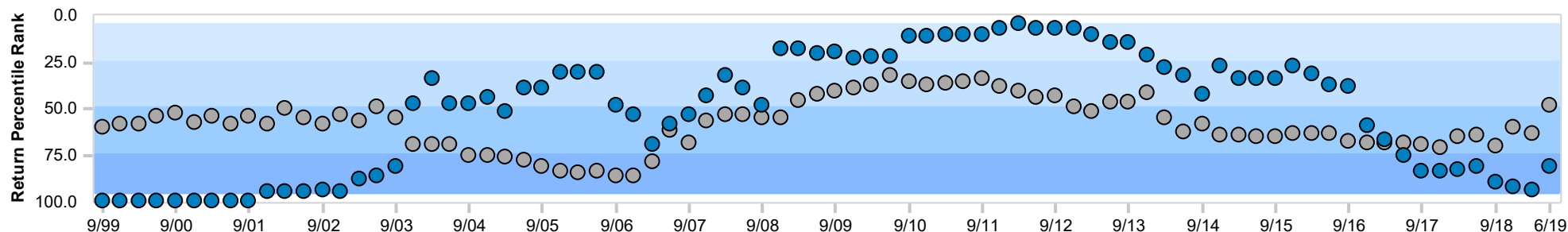
Fiscal Year Returns

	FYTD	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011
ASB Allegiance Fund	4.94 (82)	8.25 (70)	3.61 (100)	10.65 (68)	15.06 (60)	12.90 (49)	13.22 (49)	15.43 (26)	18.56 (41)
NCREIF Fund Index-Open End Diversified Core (EW)	4.73 (85)	8.82 (59)	7.81 (60)	10.62 (69)	14.71 (62)	12.39 (68)	12.47 (67)	11.77 (63)	18.03 (44)
Median	5.18	9.04	8.29	11.32	15.45	12.78	13.18	12.87	16.96

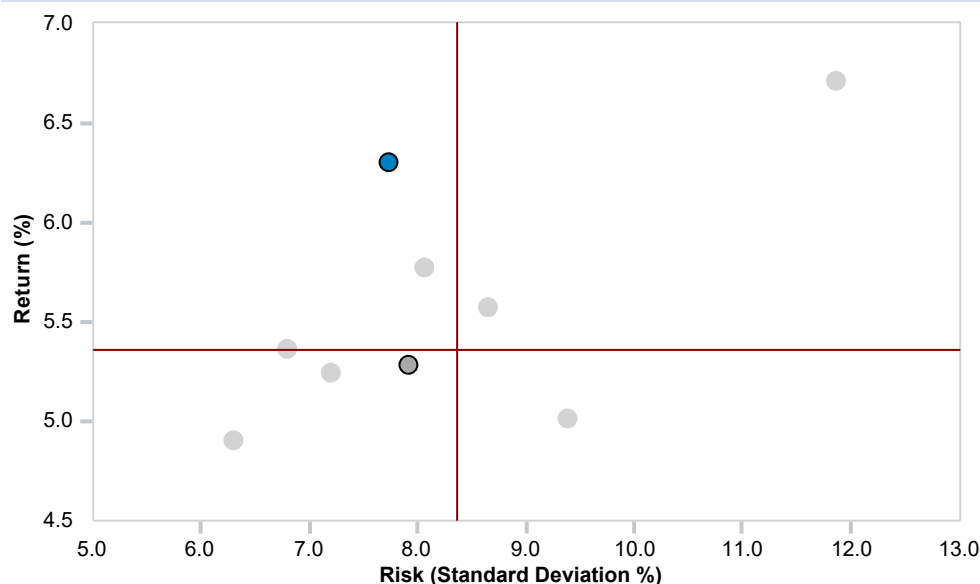
Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Open End Private Real Estate (SA+CF)



5 Year Rolling Percentile Ranking

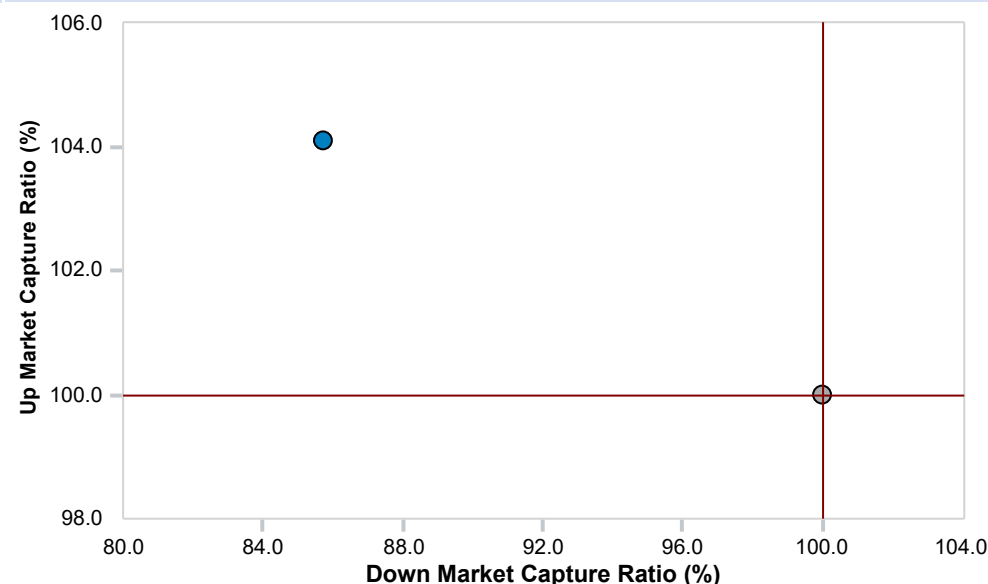


Risk vs Return: October 2007 to Present



● ASB Allegiance Fund
● NCREIF Fund Index-Open End Diversified Core (EW)

Up/Down Markets: October 2007 to Present



● ASB Allegiance Fund
● NCREIF Fund Index-Open End Diversified Core (EW)

Historical Statistics: October 1, 2007 To June 30, 2019

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
ASB Allegiance Fund	42.55	-34.71	1.49	0.96	0.74	0.32	0.06	0.91	3.01
NCREIF Fund Index-Open End Diversified Core (EW)	0.00	-39.11	0.00	0.00	0.61	N/A	0.05	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Open End Private Real Estate (SA+CF)



Total Fund Compliance:											Yes	No	N/A			
1. The Total Plan return equaled or exceeded the Net 7.25% actuarial earnings assumption over the trailing three year period.											✓					
2. The Total Plan return equaled or exceeded the Net 7.25% actuarial earnings assumption over the trailing five year period.												✓				
3. The Total Plan return equaled or exceeded the total plan benchmark over the trailing three year period.												✓				
4. The Total Plan return equaled or exceeded the total plan benchmark over the trailing five year period.												✓				
5. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing three year period.											✓					
6. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing five year period.											✓					
Equity Compliance:											Yes	No	N/A			
1. Total Domestic Equity return equaled or exceeded the benchmark over the trailing three year period.												✓				
2. Total Domestic Equity return equaled or exceeded the benchmark over the trailing five year period.												✓				
3. Total International Equity return equaled or exceeded the benchmark over the trailing three year period.											✓					
4. Total International Equity return equaled or exceeded the benchmark over the trailing five year period.											✓					
5. Total Equity investments do not exceed 75% of the market value of Plan assets.											✓					
6. Total market value of foreign securities do not exceed 25% of the market value of Plan assets.											✓					
Fixed Income Compliance:											Yes	No	N/A			
1. Total Domestic Fixed Income return equaled or exceeded the benchmark over the trailing three year period.											✓					
2. Total Domestic Fixed Income return equaled or exceeded the benchmark over the trailing five year period.											✓					
3. Total Global Fixed Income return equaled or exceeded the benchmark over the trailing three year period.											✓					
4. Total Global Fixed Income return equaled or exceeded the benchmark over the trailing five year period.												✓				
5. 95% of the fixed income investments have a minimum rating of investment grade or higher.											✓					
Manager Compliance:					JP Morgan (JDEUX)			Parnassus (PRILX)			Vanguard (VIMAX)			Vanguard (VITSX)		
					Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three year period.						✓			✓			✓		✓		
2. Manager outperformed the index over the trailing five year period.							✓			✓			✓		✓	
3. Manager has had less than 4 consecutive quarters of underperformance.					✓			✓			✓			✓		
4. Manager ranked within the top 40th percentile over the trailing three year period.						✓		✓			✓			✓		
5. Manager ranked within the top 40th percentile over the trailing five year period.							✓			✓			✓		✓	
6. Manager three year down market capture ratio is less than the index.						✓		✓			✓			✓		
7. Manager five year down market capture ratio is less than the index.							✓			✓			✓		✓	
8. Manager reports compliance with PFIA							✓			✓			✓			✓
Manager Compliance:					Europacific (RERGX)			Garcia Hamilton			Templeton (FTTRX)			ASB Real Estate		
					Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three year period.					✓			✓			✓				✓	
2. Manager outperformed the index over the trailing five year period.					✓					✓	✓					✓
3. Manager has had less than 4 consecutive quarters of underperformance.					✓				✓				✓			
4. Manager ranked within the top 40th percentile over the trailing three year period.					✓				✓					✓		
5. Manager ranked within the top 40th percentile over the trailing five year period.					✓					✓						✓
6. Manager three year down market capture ratio is less than the index.						✓		✓			✓					✓
7. Manager five year down market capture ratio is less than the index.					✓				✓		✓					✓
8. Manager reports compliance with PFIA							✓	✓					✓			✓



Lantana Police Officers' Retirement System
Benchmark History
As of June 30, 2019

Total Fund Policy

Allocation Mandate	Weight (%)
Jul-2003	
S&P 500 Index	60.00
Bloomberg Barclays Intermed Aggregate Index	40.00
Jul-2007	
S&P 500 Index	50.00
Bloomberg Barclays Intermed Aggregate Index	40.00
MSCI EAFE Index	10.00
Jul-2010	
Russell 3000 Index	50.00
Bloomberg Barclays Intermed Aggregate Index	35.00
MSCI AC World ex USA	15.00
Oct-2013	
Russell 3000 Index	50.00
Blmbg. Barc. U.S. Aggregate Index	30.00
MSCI AC World ex USA	15.00
Global Fixed Income Index	5.00
Jan-2016	
Russell 3000 Index	50.00
Blmbg. Barc. U.S. Aggregate Index	20.00
MSCI AC World ex USA	15.00
Global Fixed Income Index	5.00
NCREIF Fund Index-Open End Diversified Core (EW)	10.00

Total Equity Policy

Allocation Mandate	Weight (%)
Jul-2003	
S&P 500 Index	100.00
Aug-2007	
S&P 500 Index	85.00
MSCI EAFE Index	15.00
Jul-2010	
Russell 3000 Index	75.00
MSCI AC World ex USA	25.00

Total Fixed Income Policy

Allocation Mandate	Weight (%)
Jul-2003	
Bloomberg Barclays Intermed Aggregate Index	100.00
Oct-2013	
Blmbg. Barc. U.S. Aggregate Index	86.00
Global Fixed Income Index	14.00
Oct-2014	
Blmbg. Barc. U.S. Aggregate Index	80.00
Global Fixed Income Index	20.00



Total Domestic Equity Policy	
Allocation Mandate	Weight (%)
Jul-2003	
S&P 500 Index	100.00
Aug-2007	
S&P 500 Index	100.00
Jul-2010	
Russell 3000 Index	100.00

Total International Equity Policy	
Allocation Mandate	Weight (%)
Jan-1970	
MSCI EAFE Index	100.00
Jul-2010	
MSCI AC World ex USA	100.00

Total Domestic Fixed Income Policy	
Allocation Mandate	Weight (%)
Jun-2003	
Bloomberg Barclays Intermed Aggregate Index	100.00
Oct-2013	
Blmbg. Barc. U.S. Aggregate Index	100.00

Total Diversified Fixed Income Policy	
Allocation Mandate	Weight (%)
Jan-1994	
JPM EMBI+	33.33
Blmbg. Barc. U.S. Corp High Yield	33.33
FTSE Non-U.S. World Government Bond	33.34

- Neither AndCo, nor any covered associates, have made political contributions to any official associated with the Lantana Police Officers' Retirement Plan in excess of the permitted amount.
- The ICC Balanced account was broken out on March 2nd, 2011.
- ICC Separate accounts do not contain cash prior to April 2011.

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.

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