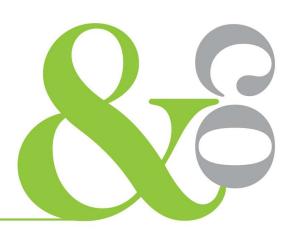
Investment Performance Review Period Ending March 31, 2018

## **Town of Lantana Police Officers' Retirement System**

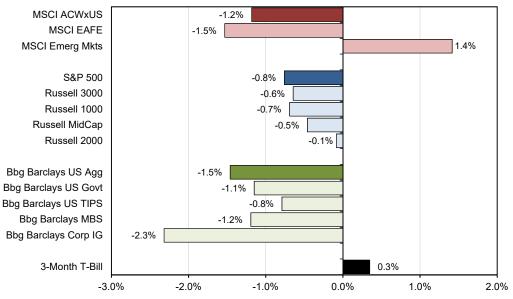


**1st Quarter 2018 Market Environment** 

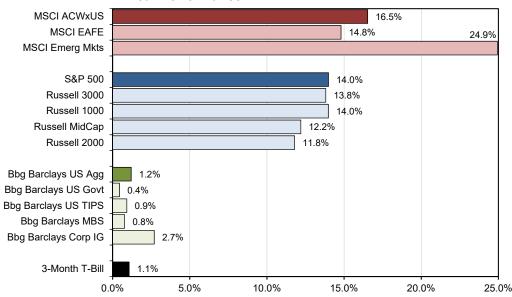


- Market returns were broadly negative across major equity and fixed income indices as we finished a highly volatile 1st quarter of 2018. Broad domestic and international equity markets pulled back modestly following a very strong 2017. Fixed income indices also posted negative results, producing returns in-line with those of equities during the quarter. However, when viewed over the past 1-year period, returns remain positive for major indices as improving macroeconomic data and robust corporate earnings worldwide outweighed the near-term market uncertainty. The US stock market represented by the Russell 3000 Index returned -0.6% and 13.8% for the quarter and 1-year period respectively. While the Russell 3000 outperformed the international MSCI ACWI ex US Index during the 1st quarter, international stocks have performed better over the last 12 months. While the US economy continues to show signs of expansion, investors focused on the future path of Federal Reserve (Fed) monetary policy and the emergence of new protectionist trade policies from the Trump administration during the quarter.
- International equity market benchmarks were mixed with developed markets posting modestly negative returns and emerging markets earning a slightly positive result. This is a continuation of the 2017 trend of emerging market outperformance relative to developed market equities. Emerging market stocks returned 1.4% and 24.9% over the quarter and 1-year period respectively. While the developed market MSCI EAFE Index lost ground through the 1st quarter, returning -1.5%, it still posted solid gains over the 1-year period returning 14.8%, narrowly outpacing major US indices. The strength in fundamentals abroad, ongoing US Dollar (USD) weakness and relatively accommodative global central bank policies continue to act as a tailwind to international markets relative to their US counterparts. Consequently, as the global recovery continues to take hold, international central banks have started to telegraph a greater likelihood of reduced stimulus in the future. Many international markets also saw their returns influenced, both positively and negatively, by ongoing political developments throughout the quarter.
- Interest rates on the US Treasury Yield Curve ended the 1st quarter of 2018 higher across all maturities. The movement in rates was considerable during the quarter as markets reacted to the greater likelihood of increasing inflation and a more restrictive than expected US monetary policy going forward. The Fed followed suit by increasing short-term interest rates by 25 basis points at their March meeting, the third increase in the last 12 months. The rising interest rate environment negatively impacted fixed income market returns for the quarter. The Bloomberg Barclays US Aggregate Index fell -1.5% for the quarter, but managed a positive 1.2% return for the 1-year period. Corporate credit reversed its 2017 trend of outperformance relative to other investment grade sectors returning -2.3% during the 1st quarter as credit spreads began to widen.

#### **Quarter Performance**



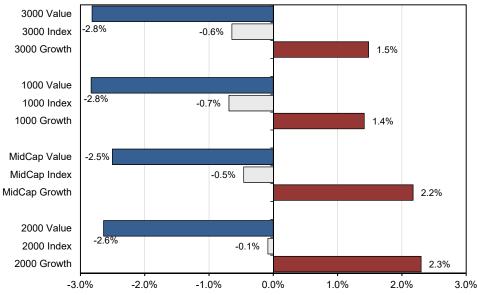
#### 1-Year Performance



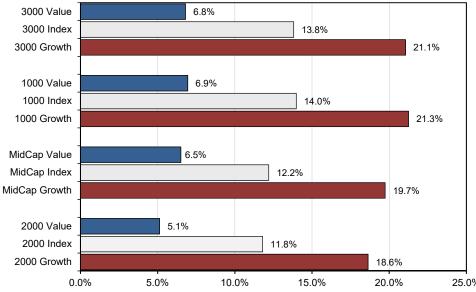


- US equity index returns were mixed across the style and capitalization spectrum to start 2018 with growth indices being the best performers. Markets were highly volatile throughout the quarter. Investors initially cheered the passage of the republican party tax reforms containing reductions to both individual and corporate income tax rates, increasing expectations for consumer spending and corporate earnings going forward. However, high US wage growth in January raised investor concerns that inflation could be picking up more quickly than the market expected, and would therefore require increased Fed action to prevent overheating of the economy. Market volatility rose and the S&P 500 Index had its first correction since 2015, falling over 10%. The market began a recovery from its February low as later economic releases made it appear that fears over inflation had likely been overstated. However, volatility returned in March when the Trump administration announced a series of protectionist tariff policies, with emphasis placed on China, increasing the potential for a global trade war. Despite the considerable market volatility, most US economic data was positive during the quarter and congress passed a new federal budget deal that will increase government spending by about \$300 billion over the next two years which can be used to stimulate the economy over the short-term.
- During the quarter, small cap stocks outperformed mid and large cap equities. The small cap Russell 2000 Index returned -0.1% during the period, while the large cap Russell 1000 Index returned -0.7%. The opposite was true over the 1-year period as large cap names were the best performers. The Russell 1000 returned 14.0% over the trailing year while the Russell 2000 posted a return of 11.8%. This large cap outperformance can be partially explained by their greater exposure to foreign markets relative to small cap companies. This can be especially beneficial during periods of USD weakness, such as that experienced over the last year. Large cap companies generate more revenue outside of the US which can expose them to faster growing markets, foreign tax benefits or strengthening foreign currencies.
- Growth indices outperformed value indices across the market cap spectrum for the fifth straight quarter and were all able to post a positive return for the 1st quarter of 2018. Performance for growth indices more than doubled value index performance for each respective cap segment for the year. 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 "bond proxy" sectors such as REITs, utilities and telecom. Lower exposure to the energy sector also acted as tailwind to growth benchmarks.

#### **Quarter Performance - Russell Style Series**

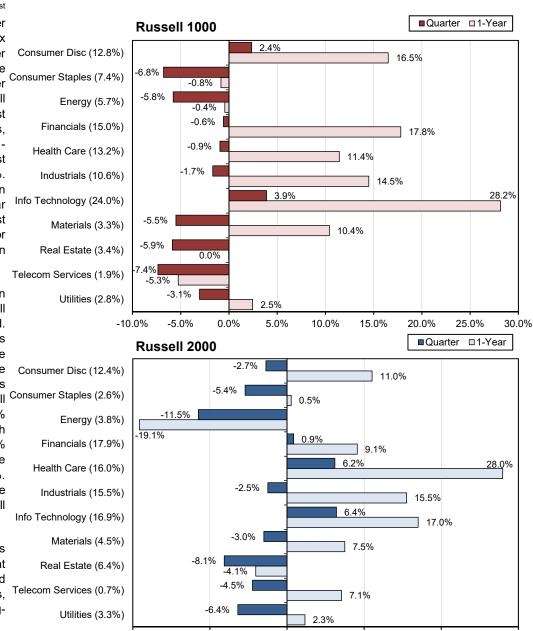


#### 1-Year Performance - Russell Style Series





- Sector performance was largely negative across large cap sectors for the 1st quarter of 2018. Only two of eleven sectors had positive returns for the quarter and only three of eleven economic sectors outpaced the Russell 1000 Index return. Cyclical sectors tended to do well through the guarter with the higher yielding bond proxy sectors lagging on a relative basis as interest rates rose sharply during the period. Technology stocks continued their 2017 gains over the quarter, gaining 3.9% and consumer discretionary stocks performed well on the back of a strong holiday season earning a 2.4% return. The largest detractors for the quarter were the more defensive telecom services. consumer staples and real estate sectors which returned -7.4%, -6.8% and -5.9% respectively. Over the trailing 1-year period, technology was the best performing sector by a relatively wide margin returning an impressive 28.2%. Consumer discretionary and financials also returned greater than 15%. Seven of eleven large cap economic sectors posted positive returns for the 1-year period with six posting double digit returns. Telecom services was the largest underperformer losing -5.3%. The three other sectors with negative returns for the trailing year (real estate, energy and consumer staples) fell by less than 1.0%.
- Small cap sector results were mixed relative to their large capitalization counterparts. Only three of eleven economic sectors outpaced the Russell 2000 Index return for the quarter and posted positive results for the period. Like the large cap index sector performance, higher dividend yielding sectors also tended to trail more economically sensitive sectors. Technology was the best performing sector returning 6.4%. However, there were several notable differences, particularly in consumer discretionary and energy where there was significant underperformance relative to their large cap counterparts. Small Consumer Staples (2.6%) cap sectors trailed large cap sectors in those two categorizations by over 5.0% during the guarter. Similarly, the small cap health care sector had much stronger performance than the large cap health care sector posting a 6.2% gain for the quarter. Over the 1-year period, nine of eleven sectors have posted gains with four of eleven sectors having returns greater than 10%. Health care stocks were the best performers within the Russell 2000 for the year returning a solid 28.0%. Energy and real estate were the only Russell 2000 sectors to post a negative return, falling -19.1% and -4.1% respectively.
- Using S&P 500 sector valuations as a proxy for the market, forward P/E ratios for eight of the GICS sectors were higher than their long-term averages at quarter-end. Using these historical P/E measures, the utilities, materials and energy sectors appear the most extended. In contrast the telecommunications, technology and health care sectors were trading at a discount to their long-term average P/E ratios.



-20.0%

-10.0%

0.0%

10.0%

20.0%



30.0%

Top 10 Weighted Stocks							
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector			
Apple Inc	3.41%	-0.5%	18.6%	Information Technology			
Microsoft Corp	2.74%	7.2%	41.5%	Information Technology			
Amazon.com Inc	2.33%	23.8%	63.3%	Consumer Discretionary			
Berkshire Hathaway Inc B	1.54%	0.6%	19.7%	Financials			
JPMorgan Chase & Co	1.52%	3.4%	28.0%	Financials			
Facebook Inc A	1.51%	-9.4%	12.5%	Information Technology			
Johnson & Johnson	1.38%	-7.7%	5.5%	Health Care			
Exxon Mobil Corp	1.27%	-9.9%	-5.5%	Energy			
Alphabet Inc C	1.25%	-1.4%	24.4%	Information Technology			
Alphabet Inc A	1.24%	-1.5%	22.3%	Information Technology			

Top 10 Weighted Stocks							
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector			
bluebird bio Inc	0.52%	-4.1%	87.8%	Health Care			
MGIC Investment Corp	0.49%	-7.9%	28.3%	Financials			
Sterling Bancorp	0.49%	-8.1%	-3.7%	Financials			
Wintrust Financial Corp	0.49%	4.7%	25.5%	Financials			
Umpqua Holdings Corp	0.48%	3.9%	25.1%	Financials			
Idacorp Inc	0.45%	-2.7%	9.2%	Utilities			
Hancock Holding Co	0.44%	4.9%	15.8%	Financials			
LivaNova PLC	0.44%	10.7%	80.6%	Health Care			
WGL Holdings Inc	0.44%	-2.0%	3.8%	Utilities			
Radian Group Inc	0.42%	-7.6%	6.1%	Financials			

Тор	Top 10 Performing Stocks (by Quarter)							
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector				
XL Group Ltd	0.06%	57.8%	41.6%	Financials				
Abiomed Inc	0.05%	55.3%	132.4%	Health Care				
Netflix Inc	0.48%	53.9%	99.8%	Consumer Discretionary				
Validus Holdings Ltd	0.02%	44.6%	23.1%	Financials				
Herbalife Ltd	0.02%	43.9%	67.6%	Consumer Staples				
Agios Pharmaceuticals Inc	0.02%	43.0%	40.0%	Health Care				
Match Group Inc	0.01%	41.9%	172.1%	Information Technology				
Square Inc A	0.05%	41.9%	184.7%	Information Technology				
CSRA Inc	0.03%	38.6%	43.0%	Information Technology				
DST Systems Inc	0.02%	34.8%	37.9%	Information Technology				

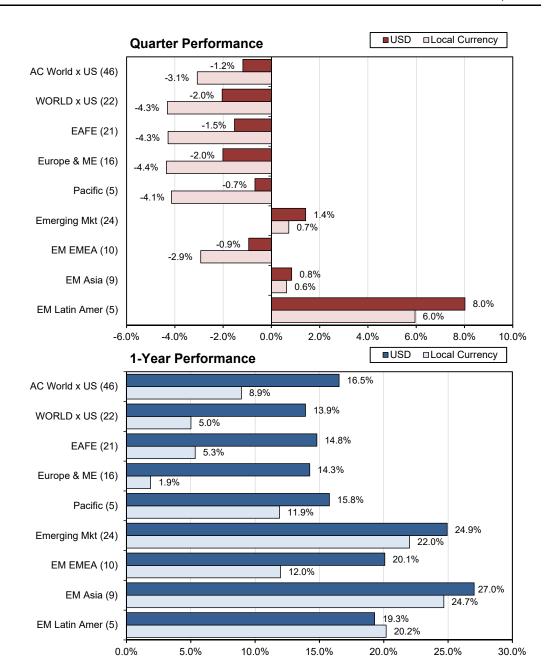
Тор	Top 10 Performing Stocks (by Quarter)							
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector				
Atara Biotherapeutics Inc	0.13%	115.5%	89.8%	Health Care				
Iovance Biotherapeutics Inc	0.12%	111.3%	126.8%	Health Care				
Cambium Learning Group Inc	0.01%	97.2%	128.6%	Consumer Discretionary				
G1 Therapeutics Inc	0.01%	86.7%	N/A	Health Care				
Arsanis Inc	0.00%	79.4%	N/A	Health Care				
Eastman Kodak Co	0.00%	72.6%	-53.5%	Information Technology				
American Public Education Inc	0.07%	71.7%	87.8%	Consumer Discretionary				
Infinera Corp	0.16%	71.6%	6.2%	Information Technology				
Novavax Inc	0.04%	69.4%	64.1%	Health Care				
WMIH Corp	0.03%	67.2%	-2.1%	Financials				

Botton	Bottom 10 Performing Stocks (by Quarter)							
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector				
Colony NorthStar Inc A	0.01%	-49.8%	-52.7%	Real Estate				
Weatherford International PLC	0.01%	-45.1%	-65.6%	Energy				
Akorn Inc	0.01%	-41.9%	-22.3%	Health Care				
Universal Display Corp	0.02%	-41.5%	17.4%	Information Technology				
Macquarie Infrastructure Corp	0.01%	-40.3%	-49.7%	Industrials				
Patterson Companies Inc	0.01%	-38.0%	-49.6%	Health Care				
Mallinckrodt PLC	0.01%	-35.8%	-67.5%	Health Care				
L Brands Inc	0.04%	-35.8%	-14.5%	Consumer Discretionary				
OPKO Health Inc	0.00%	-35.3%	-60.4%	Health Care				
Coherent Inc	0.02%	-33.6%	-8.9%	Information Technology				

Botton	Bottom 10 Performing Stocks (by Quarter)							
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector				
Dermira Inc	0.01%	-71.3%	-76.6%	Health Care				
Ascent Capital Group Inc A	0.00%	-68.0%	-74.0%	Consumer Discretionary				
Roadrunner Transportation Systems Inc	0.01%	-67.1%	-63.0%	Industrials				
Tintri Inc	0.00%	-66.5%	N/A	Information Technology				
Westmoreland Coal Co	0.00%	-66.1%	-97.2%	Energy				
Protagonist Therapeutics Inc	0.01%	-58.7%	-32.9%	Health Care				
RAIT Financial Trust	0.00%	-56.9%	-94.5%	Real Estate				
Ultra Petroleum Corp	0.08%	-54.0%	-67.4%	Energy				
Melinta Therapeutics Inc	0.01%	-53.2%	-60.5%	Health Care				
Tetraphase Pharmaceuticals Inc	0.02%	-51.3%	-66.6%	Health Care				



- Similar to domestic equities, broad international equity returns pulled back during the 1st quarter. Performance was largely driven by the same catalysts as the US equity markets, as global macroeconomic data remained generally positive. US investors in international markets had a currency effect tailwind as the USD continued its 2017 fall, weakening against most other currencies during the 1st quarter. The MSCI ACWI ex US Index lost -1.2% in USD terms and -3.1% in local currency terms. Emerging markets were a bright spot for the quarter with the MSCI Emerging Markets Index finishing with a slight gain. The returns over the 1-year period are substantially better with MSCI ACWI ex US returning 16.5% in USD terms and 8.9% in local currency terms.
- Results for developed market international indices were negative to start 2018 in both USD and local currency terms with the MSCI EAFE Index returning -1.5% and -4.3% respectively. Investors ignored broadly positive global economic data, focusing their attention on US monetary policy uncertainty and the outlook for global trade relations. There were several newsworthy political events during the quarter. In Europe, Italian elections resulted in a hung parliament with the populist Five Star Movement winning the largest number of seats. There is currently no clear path for a coalition government to be formed and it is possible elections may need to be re-held. In contrast, German Chancellor Merkel succeeded in forming a "grand coalition" government during March. In the UK, continued progress was made on "Brexit" as the UK and European Union were able to agree to initial terms on a transition period following the UK's separation that should allow for an orderly withdrawal. In Japan, Prime Minister Abe was engulfed in a scandal regarding a discounted land sale to a school operator with ties to his wife and its subsequent coverup. The MSCI EAFE Index returned 14.8% and 5.3% for the last twelve months in USD and local currency terms respectively.
- The MSCI Emerging Market Index outperformed developed markets for the 1st quarter, posting a narrow gain of 1.4% and 0.7% in USD and local currency terms respectively. While emerging markets were also affected by the rise in global market volatility, strong GDP and corporate earnings growth combined with USD weakness helped them to finish the quarter ahead. China modestly outperformed despite late quarter trade tensions with the US. Brazil was the index's strongest performer, returning 12.4% in USD terms, after former President Lula da Silva had a corruption and money laundering conviction upheld, likely preventing him from running for office again and opening the door for future economic reforms. Russian equities also performed well after Standard & Poor's raised the countries credit rating to investment grade for the first time in over a decade citing prudent policy responses to sanctions and falling commodity prices. Indian stocks underperformed after fraud allegations emerged at a state-run bank. One year returns for the MSCI Emerging Market Index were 24.9% in USD terms and 22.0% in terms of local currency.



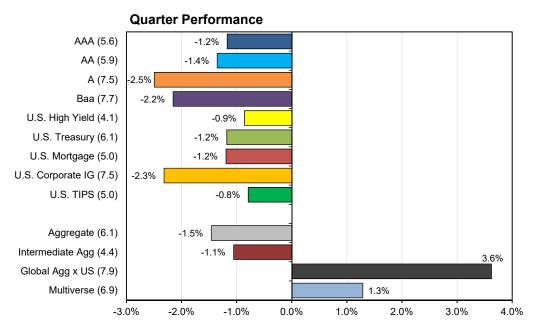


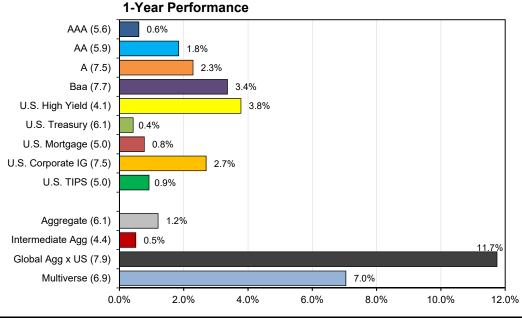
MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.6%	0.7%	19.2%
Consumer Staples	11.1%	-3.0%	10.4%
Energy	5.3%	-2.0%	21.4%
Financials	21.1%	-2.2%	13.6%
Health Care	10.2%	-0.9%	7.0%
Industrials	14.6%	-1.5%	17.4%
Information Technology	6.6%	1.1%	26.2%
Materials	8.0%	-3.8%	19.8%
Real Estate	3.5%	-1.5%	13.1%
Telecommunication Services	3.8%	-3.9%	3.1%
Utilities	3.3%	1.3%	12.1%
Total	100.0%	-1.5%	14.8%
MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.4%	-1.0%	18.6%
Consumer Staples	9.5%	-2.8%	11.0%
Energy	6.7%	-1.8%	15.4%
Financials	23.1%	-1.1%	15.9%
Health Care	7.7%	-0.3%	9.1%
Industrials	11.8%	-1.6%	16.3%
Information Technology	11.8%	1.8%	34.3%
Materials	8.0%	-2.9%	18.4%
Real Estate	3.2%	-1.7%	16.5%
Telecommunication Services	3.9%	-4.1%	3.6%
Utilities	3.0%	1.2%	10.9%
Total	100.0%	-1.2%	16.5%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	9.5%	-6.1%	16.5%
Consumer Staples	6.4%	-0.8%	15.8%
Energy	7.2%	7.5%	24.7%
Financials	24.0%	4.2%	25.6%
Health Care	2.8%	7.0%	34.6%
Industrials	5.2%	-0.8%	10.1%
Information Technology	27.8%	2.1%	40.1%
Materials	7.3%	0.7%	20.0%
Real Estate	2.8%	-2.1%	32.5%
Telecommunication Services	4.6%	-3.7%	4.5%
Utilities	2.4%	3.0%	9.2%
Total	100.0%	1.4%	24.9%

	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	24.6%	16.8%	0.8%	19.6%
United Kingdom	17.3%	11.8%	-3.9%	11.9%
France	10.9%	7.5%	0.3%	20.4%
Germany	9.7%	6.6%	-3.6%	13.6%
Switzerland	7.8%	5.3%	-4.3%	8.2%
Australia	6.6%	4.5%	-6.2%	1.4%
Netherlands	3.7%	2.5%	1.0%	19.9%
Hong Kong	3.6%	2.5%	-1.4%	18.4%
Spain	3.2%	2.2%	-1.7%	8.8%
Sweden	2.7%	1.8%	-2.4%	7.6%
Italy	2.5%	1.7%	5.4%	27.5%
Denmark	1.8%	1.2%	-1.5%	25.1%
Singapore	1.4%	0.9%	2.8%	22.8%
Belgium	1.1%	0.8%	0.5%	13.3%
Finland	1.0%	0.7%	8.2%	23.5%
Norway	0.7%	0.5%	2.3%	29.3%
Ireland	0.5%	0.3%	-5.9%	7.2%
Israel	0.5%	0.3%	-5.3%	-8.4%
Austria	0.3%	0.2%	2.2%	48.5%
New Zealand	0.2%	0.1%	-5.1%	4.0%
Portugal	0.2%	0.1%	3.1%	17.9%
Total EAFE Countries	100.0%	68.3%	-1.5%	14.8%
Canada		6.2%	-7.4%	4.9%
Total Developed Countries		74.5%	-2.0%	13.9%
China		7.6%	1.8%	38.9%
Korea		3.9%	-0.5%	25.4%
Taiwan		3.0%	5.7%	20.6%
India		2.1%	-7.0%	10.2%
Brazil		1.9%	12.4%	26.4%
South Africa		1.7%	-4.2%	25.0%
Russia		0.9%	9.4%	20.6%
Mexico		0.7%	0.9%	0.9%
Malaysia		0.6%	8.5%	25.3%
Thailand		0.6%	9.0%	35.0%
Indonesia		0.5%	-7.2%	7.8%
Chile		0.3%	1.5%	24.5%
Poland		0.3%	-8.2%	20.7%
Philippines		0.3%	-11.6%	3.8%
Turkey		0.3%	-5.0%	18.6%
United Arab Emirates		0.2%	-1.0%	-0.4%
Qatar		0.1%	2.5%	-11.0%
Colombia		0.1%	4.9%	15.4%
Peru		0.1%	10.3%	44.7%
Greece		0.1%	-6.8%	24.3%
Hungary		0.1%	-1.0%	38.6%
Czech Republic		0.1%	6.4%	36.4%
Egypt		0.0%	10.9%	14.5%
Pakistan		0.0%	11.4%	-14.0%
Total Emerging Countries		25.5%	1.4%	24.9%
Total ACWIxUS Countries		100.0%	-1.2%	16.5%



- Broad fixed income benchmarks were mostly negative during the 1st quarter, with international bonds being the exception. Early in the guarter, particularly strong January wage growth report caused investors to speculate that inflation was quickly increasing and that the Fed would need to tighten monetary policy to a greater degree than originally planned. This sent a shock through financial markets and caused interest rates to rise considerably. Economic releases later in the guarter showed that the fear of inflation was most likely overstated. Later in the quarter, the Federal Open Market Committee (FOMC), led by new Fed Chair Jerome Powell, decided to increase short-term interest rates by 25 basis points. The current Fed Funds Rate target sits at 1.50% - 1.75%. This rate increase was expected by the market and, importantly, the Fed did not change its plan for further rate increases for 2018. Concerns over new Treasury issuance needed to finance plans for increased fiscal spending also could have contributed to the rise in interest rates. The yield curve flattened through the quarter as short-term yields rose at a greater rate than longer-term yields. The Bloomberg Barclays US Aggregate Index fell -1.5% the guarter, but managed a positive 1.2% return for the trailing year.
- Within investment grade credit, higher quality corporate issues generally outperformed lower quality issues for the quarter as credit spreads widened and investors looked for safety amid increased financial market volatility. AAA rated credit was the best performing investment grade credit quality segment returning -1.2% for the quarter. Interestingly, high yield debt outperformed relative to investment grade credit, returning -0.9%, as spreads widened to a lesser degree for these issues and the index benefitted from a lower duration. Part of the reason for the increased spread widening for investment grade issues relative to high yield issues was selling pressure from companies repatriating foreign cash reserves in response to the new tax code. When viewed over the 1-year period, lower quality issues have advanced to a greater degree, partly due to the continued strength in the global economy. High yield debt returned 3.8% over the period whereas AAA rated issues returned 0.6%.
- US Treasury securities were the best performing investment grade sector through the quarter, narrowly outperforming US mortgage backed securities (MBS). This reversed the trend of corporate credit outperformance that was witnessed through 2017 as investors reacted to market volatility and moved into higher quality government issues. The Bloomberg Barclays US Corporate IG Index returned -2.3% for the quarter as widening credit spreads and a higher duration acted as headwinds to these issues. US Treasury and US MBS both posted a -1.2%. However, over the trailing year, Treasury securities were the worst performing investment grade sector returning 0.4%, while US investment grade corporate bonds were the best performing investment grade sector gaining 2.7%.

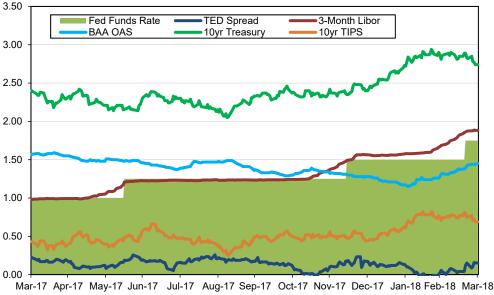




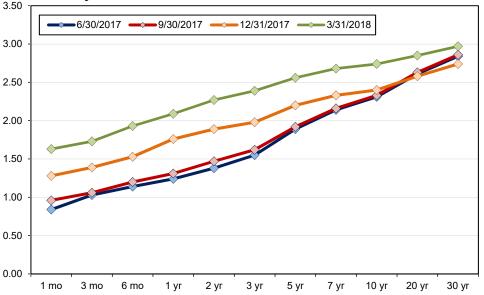


- In contrast to their domestic counterparts, global fixed income indices posted gains for the guarter. Global benchmarks are impacted by the same local yield and duration factors as domestic benchmarks. While these indices have relatively high durations, which would have acted as a headwind in the current quarter as interest rates increased, the returns of these indices are also significantly influenced by fluctuations in their currency denomination relative to the USD. This currency effect can add additional return to foreign issues as it did during calendar year 2017, or it can further exacerbate negative performance as it did in 2016. Global bonds outperformed domestic issues during the quarter and 1-year period partially due to a currency effect tailwind caused by a weakening USD. Returns on global bonds represented by the Bloomberg Barclays Global Aggregate ex US Index were 3.6% and 11.7% for the 1st guarter and trailing twelve months respectively. As the global economy continues to recover, several international central banks have started to move toward a less accommodative posture. Notably, the ECB, has extended its current quantitative easing program well into 2018, but has reduced the amount of monthly asset purchases from 60 billion euro per month to 30 billion euro per month. They also signaled that they would end the program entirely if the eurozone recovery continues to flourish. Similarly, the Bank of Japan (BoJ) inferred that they could end their quantitative easing program sometime in 2019 if target metrics were met. Lastly, the BoE voted to raise interest rates for the first time in a decade during the 4th quarter of 2017 and indicated rates may rise again more quickly than expected.
- 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 significantly during the 1st quarter, rising from 2.40%, to a peak of 2.94%, before falling to 2.74% to end the period. 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 decline in credit spreads throughout 2017. However, the trend begins to reverse in early February. This increase is equivalent to an interest rate increase on corporate bonds, which produces a headwind for corporate bond index returns. These credit spreads have widened by about 17 basis points over the last 3-months. The green shading at the bottom of the graph illustrates the gradual increase in the Federal Funds Rate due to a less 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 significant upward shift in interest rates that occurred in the 1st quarter is clearly visible.

#### 1-Year Trailing Market Rates

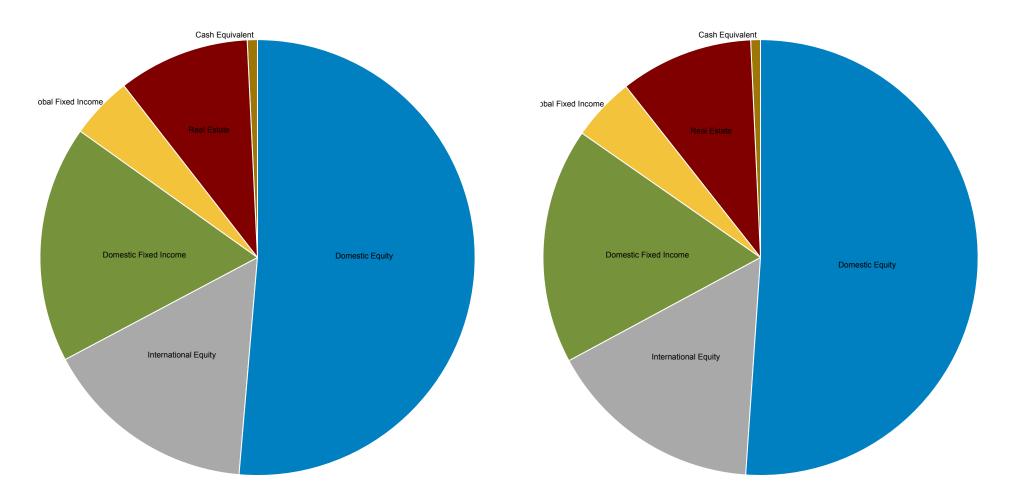






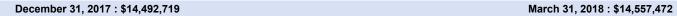


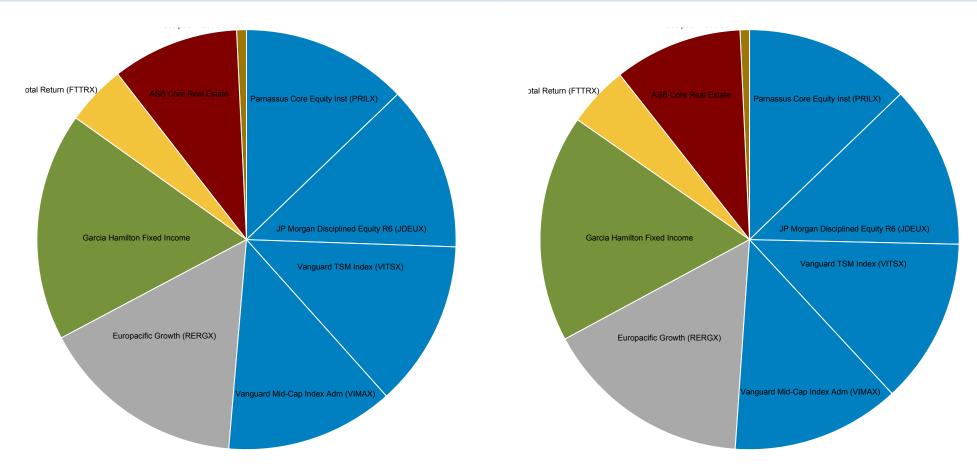
December 31, 2017 : \$14,492,719 March 31, 2018 : \$14,557,472



Illocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Domestic Equity	7,442,701	51.4	■ Domestic Equity	7,437,463	51.1
International Equity	2,303,055	15.9	International Equity	2,337,897	16.1
Domestic Fixed Income	2,550,550	17.6	Domestic Fixed Income	2,550,753	17.5
Global Fixed Income	669,649	4.6	Global Fixed Income	684,304	4.7
■ Real Estate	1,416,888	9.8	Real Estate	1,441,389	9.9
Cash Equivalent	109,876	8.0	Cash Equivalent	105,666	0.7

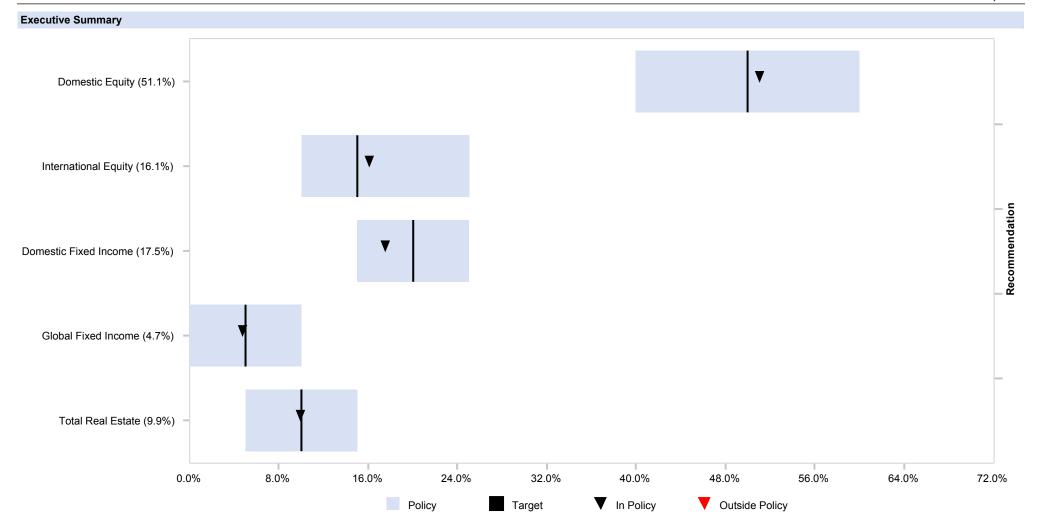






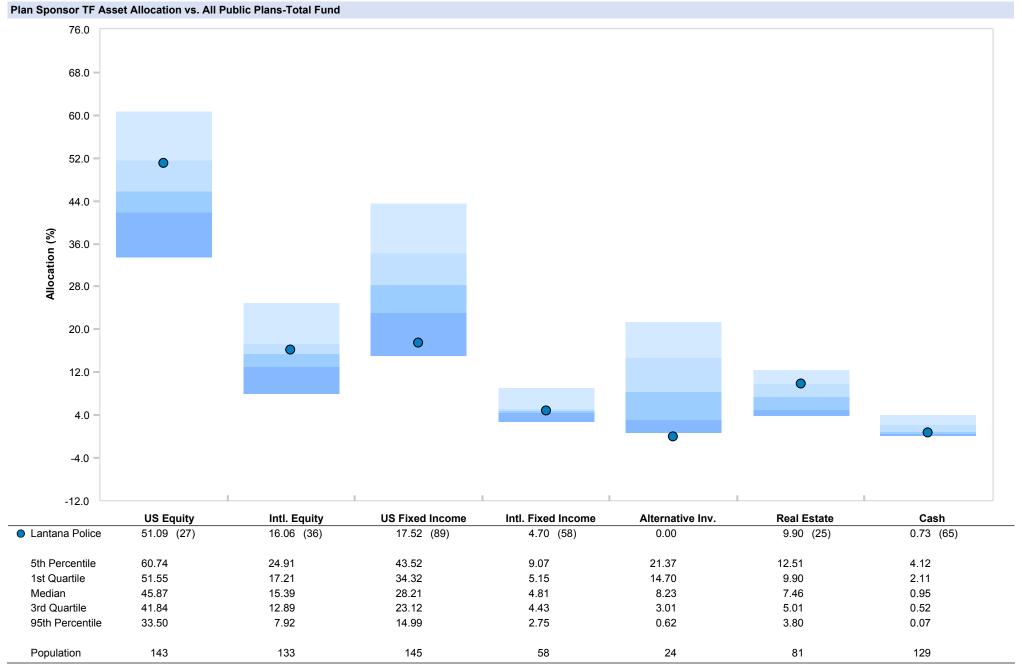
Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Parnassus Core Equity Inst (PRILX)	1,858,511	12.8	■ Parnassus Core Equity Inst (PRILX)	1,863,805	12.8
JP Morgan Disciplined Equity R6 (JDEUX)	1,844,003	12.7	JP Morgan Disciplined Equity R6 (JDEUX)	1,825,970	12.5
Vanguard TSM Index (VITSX)	1,858,488	12.8	Vanguard TSM Index (VITSX)	1,856,547	12.8
Vanguard Mid-Cap Index Adm (VIMAX)	1,881,699	13.0	Vanguard Mid-Cap Index Adm (VIMAX)	1,891,140	13.0
Europacific Growth (RERGX)	2,303,055	15.9	Europacific Growth (RERGX)	2,337,897	16.1
■ Garcia Hamilton Fixed Income	2,550,550	17.6	Garcia Hamilton Fixed Income	2,550,753	17.5
Templeton Global Total Return (FTTRX)	669,649	4.6	Templeton Global Total Return (FTTRX)	684,304	4.7
ASB Core Real Estate	1,416,888	9.8	ASB Core Real Estate	1,441,389	9.9
Receipt & Disbursement	109,876	0.8	Receipt & Disbursement	105,666	0.7





	Minimum Allocation (%)	Maximum Allocation (%)	Current Allocation (%)	Target Allocation (%)
Global Fixed Income	0.0	10.0	4.7	5.0
Total Real Estate	5.0	15.0	9.9	10.0
International Equity	10.0	25.0	16.1	15.0
Domestic Fixed Income	15.0	25.0	17.5	20.0
Domestic Equity	40.0	60.0	51.1	50.0
Total Fund	N/A	N/A	100.0	100.0





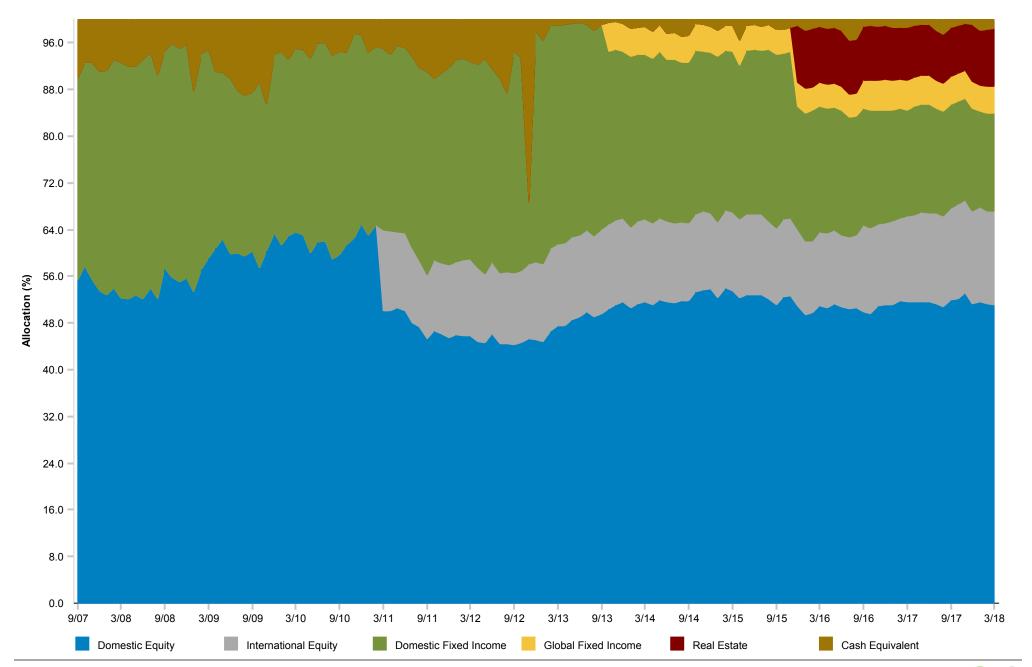
Parentheses contain percentile rankings.



#### **Lantana Police Officers' Retirement System** Asset Allocation History by Portfolio As of March 31, 2018

	Mar-2	018	Dec-2	017	Sep-2017		Jun-2	017	Mar-2017	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Equity	9,775,360	67.15	9,745,756	67.25	9,368,867	66.93	8,953,283	66.91	8,620,303	66.20
Total Domestic Equity	7,437,463	51.09	7,442,701	51.35	7,175,718	51.26	6,900,863	51.57	6,715,791	51.62
JP Morgan Disciplined Equity (JDEUX)	1,825,970	12.54	1,844,003	12.72	1,822,124	13.02	1,743,222	13.03	1,700,134	13.07
Parnassus Core Equity (PRILX)	1,863,805	12.80	1,858,511	12.82	1,746,926	12.48	1,689,597	12.63	1,647,375	12.66
Vanguard Mid-Cap Index (VIMAX)	1,891,140	12.99	1,881,699	12.98	1,767,249	12.62	1,708,573	12.77	1,661,534	12.7
Vanguard TSM Index (VITSX)	1,856,547	12.75	1,858,488	12.82	1,839,420	13.14	1,759,472	13.15	1,706,748	13.12
Total International Equity	2,337,897	16.06	2,303,055	15.89	2,193,148	15.67	2,052,420	15.34	1,904,512	14.64
Europacific Growth (RERGX)	2,337,897	16.06	2,303,055	15.89	2,193,148	15.67	2,052,420	15.34	1,904,512	14.64
Total Fixed Income	3,235,057	22.22	3,220,199	22.22	3,226,001	23.05	3,151,447	23.55	3,121,905	24.00
Total Domestic Fixed Income	2,550,753	17.52	2,550,550	17.60	2,549,854	18.22	2,485,011	18.57	2,449,174	18.8
Garcia Hamilton Fixed Income	2,550,753	17. <b>52</b> 17.52	2,550,550	17.60	<b>2,549,854</b> 2,549,854	18.22	2,485,011	18.57	2,449,174 2,449,174	18.8
Galcia Hamilton Fixed income	2,550,755	17.52	2,550,550	17.00	2,549,654	10.22	2,465,011	10.57	2,449,174	10.0
Total Diversified Fixed Income	684,304	4.70	669,649	4.62	676,147	4.83	666,436	4.98	672,731	5.1
Templeton Global Total Return (FTTRX)	684,304	4.70	669,649	4.62	676,147	4.83	666,436	4.98	672,731	5.17
Total Real Estate	1,441,389	9.90	1,416,888	9.78	1,171,510	8.37	1,165,989	8.71	1,161,969	8.93
ASB Core Real Estate	1,441,389	9.90	1,416,888	9.78	1,171,510	8.37	1,165,989	8.71	1,161,969	8.9
	, ,		, ,		, ,				, ,	
Cash Accounts										
Receipt & Disbursement	105,666	0.73	109,876	0.76	232,048	1.66	110,103	0.82	105,521	0.8
Total Fund	14,557,472	100.00	14,492,719	100.00	13,998,425	100.00	13,380,822	100.00	13,009,698	100.0







## Lantana Police Officers' Retirement System Financial Reconciliation 1 Quarter Ending March 31, 2018

	Market Value	Net	Contributions	Distributions	Management	Other	Income	Capital	Market Value
	01/01/2018	Transfers	Continuations	Distributions	Fees	Expenses		Gain/Loss	03/31/2018
Total Equity	9,745,756	47,321	-	-	-	-	27,747	-45,464	9,775,360
Total Domestic Equity	7,442,701	36,401	-	-	-	-	27,747	-69,386	7,437,463
JP Morgan Disciplined Equity (JDEUX)	1,844,003	9,100	-	-	-	-	5,919	-33,052	1,825,970
Parnassus Core Equity (PRILX)	1,858,511	9,100	-	-	-	-	7,863	-11,670	1,863,805
Vanguard Mid-Cap Index (VIMAX)	1,881,699	9,100	-	-	-	-	6,263	-5,923	1,891,140
Vanguard TSM Index (VITSX)	1,858,488	9,100	-	-	-	-	7,701	-18,741	1,856,547
Total International Equity	2,303,055	10,920	-	-	-	-	-	23,922	2,337,897
Europacific Growth (RERGX)	2,303,055	10,920	-	-	-	-	-	23,922	2,337,897
Total Fixed Income	3,220,199	25,481	-	-	-5,614	-625	21,933	-26,316	3,235,057
Domestic Fixed Income	2,550,550	21,841	_	_	-5,614	-625	15,969	-31,368	2,550,753
Garcia Hamilton Fixed Income	2,550,550	21,841	-	-	-5,614	-625	15,969	-31,368	2,550,753
Global Fixed Income	669,649	3,640	-	-	-	-	5,964	5,052	684,304
Templeton Global Total Return (FTTRX)	669,649	3,640	-	-	-	-	5,964	5,052	684,304
Total Real Estate	1,416,888	-	-	-	-3,724	-	51	28,173	1,441,389
ASB Core Real Estate	1,416,888	-	-	-	-3,724	-	51	28,173	1,441,389
Cash Accounts									
Receipt & Disbursement	109,876	-72,802	202,614	-102,260	-	-32,182	420	-	105,666
Total Fund	14,492,719		202,614	-102,260	-9,337	-32,807	50,151	-43,608	14,557,472



### Lantana Police Officers' Retirement System Financial Reconciliation

October 1, 2017 To March 31, 2018

	Market Value 10/01/2017	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Capital Gain/Loss	Market Value 03/31/2018
Total Equity	9,368,867	-108,033	-	-	-		83,672	430,854	9,775,360
Total Domestic Equity	7,175,718	-135,026	-	-	-	-	63,559	333,211	7,437,463
JP Morgan Disciplined Equity (JDEUX)	1,822,124	-90,006	_	-	-	-	14,074	79,778	1,825,970
Parnassus Core Equity (PRILX)	1,746,926	22,494	_	-	-	-	17,979	76,406	1,863,805
Vanguard Mid-Cap Index (VIMAX)	1,767,249	22,494	_	-	-	-	14,152	87,246	1,891,140
Vanguard TSM Index (VITSX)	1,839,420	-90,006	-	-	-	-	17,353	89,781	1,856,547
Total International Equity	2,193,148	26,992	-	-	-	-	20,113	97,643	2,337,897
Europacific Growth (RERGX)	2,193,148	26,992	-	-	-	-	20,113	97,643	2,337,897
Total Fixed Income	3,226,001	8,810	-	-	-5,614	-1,250	41,936	-34,826	3,235,057
Domestic Fixed Income	2,549,854	-188	-	_	-5,614	-1,250	31,694	-23,743	2,550,753
Garcia Hamilton Fixed Income	2,549,854	-188	-	-	-5,614	-1,250	31,694	-23,743	2,550,753
Global Fixed Income	676,147	8,997	-	-	-	-	10,242	-11,082	684,304
Templeton Global Total Return (FTTRX)	676,147	8,997	-	-	-	-	10,242	-11,082	684,304
Total Real Estate	1,171,510	225,000			-7,384		52	52,211	1,441,389
100.0		,			,				
ASB Core Real Estate	1,171,510	225,000	-	-	-7,384	-	52	52,211	1,441,389
Cash Accounts									
Receipt & Disbursement	232,048	-125,777	242,536	-192,032	-	-51,648	539	-	105,666
Total Fund	13,998,425	-	242,536	-192,032	-12,998	-52,898	126,199	448,240	14,557,472



	Q <sup>-</sup>	ΓR	FY	TD	1	YR	3 \	/R	5 \	′R	7 \	/R	Ince	ption	Inception Date
Total Fund (Gross)	0.06	(22)	4.14	(18)	10.58	(37)	6.45	(42)	8.04	(43)	6.47	(92)	7.48	(27)	07/01/2003
Total Fund Policy	-0.54	(65)	3.69	(35)	10.76	(35)	7.28	(13)	8.56	(28)	8.22	(26)	7.03	(57)	
All Public Plans-Total Fund Median	-0.30		3.44		10.16		6.27		7.83		7.57		7.08		
Total Fund (Net)	0.00		4.04		10.42		6.31		7.95		6.29		7.23		07/01/2003
Total Equity	-0.18		5.43		14.51		8.39		11.13		8.29		9.73		07/01/2003
Total Equity Policy	-0.75		5.23		14.63		9.38		11.38		10.49		8.13		
Domestic Equity	-0.56	(45)	5.45	(52)	12.61	(54)	8.45	(49)	11.94	(46)	8.77	(84)	8.77	(84)	04/01/2011
Total Domestic Equity Policy	-0.64	(51)	5.65	(46)	13.81	(40)	10.22	(14)	13.03	(23)	12.39	(17)	12.39	(17)	
IM U.S. Multi-Cap Core Equity (MF) Median	-0.64		5.48		13.02		8.34		11.76		10.90		10.90		
International Equity	1.03	(8)	5.31	(8)	21.18	(7)	7.92	(1)	8.04	(5)	6.35	(2)	6.35	(2)	04/01/2011
Total International Equity Policy	-1.08	(46)	3.93	(24)	17.05	(19)	6.68	(3)	6.37	(35)	4.73	(45)	4.73	(45)	
IM International Large Cap Core Equity (MF) Median	-1.18		2.93		14.84		4.96		5.98		4.63		4.63		
Total Fixed Income	-0.14		0.22		1.78		2.17		2.21		3.12		3.41		07/01/2003
Total Fixed Income Policy	-1.07		-0.65		2.20		2.00		2.28		2.93		3.81		
Domestic Fixed Income	-0.60	(18)	0.31	(14)	2.17	(35)	1.78	(44)	2.09	(50)	3.04	(63)	3.37	(85)	07/01/2003
Total Domestic Fixed Income Policy	-1.46	(64)	-1.08	(64)	1.20	(70)	1.20	(69)	1.98	(54)	2.72	(80)	3.71	(75)	
IM U.S. Broad Market Fixed Income (SA+CF+MF) Median	-1.33		-0.88		1.71		1.63		2.06		3.28		4.23		
Global Fixed Income	1.64	(27)	-0.12	(89)	0.34	(100)	2.79	(38)	N/A		N/A		2.42	(40)	11/01/2013
Global Fixed Income Index	0.49	(58)	1.07	(63)	6.26	(39)	5.19	(1)	3.37	(7)	4.46	(8)	3.68	(10)	
IM Global Fixed Income (MF) Median	0.74		1.63		5.57		2.40		1.69		2.39		2.02		
Total Real Estate	2.00	(64)	4.10	(67)	5.61	(100)	N/A		N/A		N/A		5.56	(100)	01/01/2016
NCREIF Fund Index-Open End Diversified Core (EW)	2.15	(49)	4.35	(43)	8.14	(63)	10.25	(39)	11.45	(53)	11.80	(55)	8.57	(42)	
IM U.S. Open End Private Real Estate (SA+CF) Median	2.14		4.28		8.42		10.18		11.70		12.08		8.35		

	Q <sup>-</sup>	ΓR	FY	TD	1	YR	3 \	/R	5 Y	/R	7 \	ΥR	Ince	ption	Inceptio Date
Domestic Equity Strategies															Dato
JP Morgan Disciplined Equity (JDEUX)	-1.48	(64)	4.99	(58)	12.46	(59)	N/A		N/A		N/A		12.05	(63)	09/01/2015
S&P 500 Index	-0.76	(43)	5.84	(39)	13.99	(40)	10.78	(14)	13.31	(14)	12.71	(12)	14.32	(15)	
IM U.S. Large Cap Core Equity (MF) Median	-1.11		5.35		13.31		9.25		12.05		11.44		12.53		
Parnassus Core Equity (PRILX)	-0.21	(23)	5.33	(51)	11.63	(69)	N/A		N/A		N/A		11.51	(72)	09/01/2015
S&P 500 Index	-0.76	(43)	5.84	(39)	13.99	(40)	10.78	(14)	13.31	(14)	12.71	(12)	14.32	(15)	
IM U.S. Large Cap Core Equity (MF) Median	-1.11		5.35		13.31		9.25		12.05		11.44		12.53		
Vanguard Mid-Cap Index (VIMAX)	0.01	(21)	5.66	(24)	12.32	(25)	N/A		N/A		N/A		11.38	(37)	09/01/2015
Russell Midcap Index	-0.46	(26)	5.58	(26)	12.20	(26)	8.01	(29)	12.09	(15)	11.51	(12)	12.03	(26)	
IM U.S. Mid Cap Core Equity (MF) Median	-1.20		4.36		9.21		6.65		10.42		9.67		10.83		
Vanguard TSM Index (VITSX)	-0.60	(48)	5.73	(42)	13.88	(38)	10.21	(15)	13.02	(23)	N/A		14.26	(27)	09/01/2012
Russell 3000 Index	-0.64	(51)	5.65	(46)	13.81	(40)	10.22	(14)	13.03	(23)	12.39	(17)	14.29	(26)	
IM U.S. Multi-Cap Core Equity (MF) Median	-0.64		5.48		13.02		8.34		11.76		10.90		13.31		
International Equity Strategies															
Europacific Growth (RERGX)	1.03	(8)	5.31	(8)	21.18	(7)	7.92	(1)	8.80	(1)	N/A		8.76	(2)	03/01/2013
MSCI AC World ex USA	-1.08	(46)	3.93	(24)	17.05	(19)	6.68	(3)	6.37	(35)	4.73	(45)	6.31	(35)	
IM International Large Cap Core Equity (MF) Median	-1.18		2.93	, ,	14.84		4.96		5.98	, ,	4.63	, ,	6.01	, ,	
Domestic Fixed Income Strategies															
Garcia Hamilton Fixed Income	-0.60	(5)	0.31	(4)	2.17	(18)	1.78	(37)	N/A		N/A		2.37	(20)	12/01/2014
Blmbg. Barc. U.S. Aggregate Index	-1.46	(70)	-1.08	(76)	1.20	(86)	1.20	(85)	1.82	(84)	2.92	(88)	1.59	(90)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-1.37	, ,	-0.88		1.68		1.58	, ,	2.17	, ,	3.41	, ,	1.97	, ,	
Global Fixed Income Strategies															
Templeton Global Total Return (FTTRX)	1.64	(27)	-0.12	(89)	0.34	(100)	2.79	(38)	N/A		N/A		2.42	(40)	11/01/2013
Global Fixed Income Index	0.24	(62)	0.80	(67)	5.92	(45)	5.11	(1)	3.35	(8)	4.47	(8)	3.60	(14)	
IM Global Fixed Income (MF) Median	0.74		1.63		5.57		2.40		1.69		2.39		2.02		
Real Estate Strategies															
ASB Core Real Estate	2.00	(64)	4.10	(67)	5.61	(100)	N/A		N/A		N/A		5.56	(100)	01/01/2016
NCREIF Fund Index-Open End Diversified Core (EW)	2.15	(49)	4.35	(43)	8.14	(63)	10.25	(39)	11.45	(53)	11.80	(55)	8.57	(42)	
IM U.S. Open End Private Real Estate (SA+CF) Median	2.14		4.28		8.42		10.18		11.70		12.08		8.35		
in o.c. Open End i invate real Estate (OA) Of j Median	4.17		7.20		0.72		10.10		11.70		12.00		0.00		

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



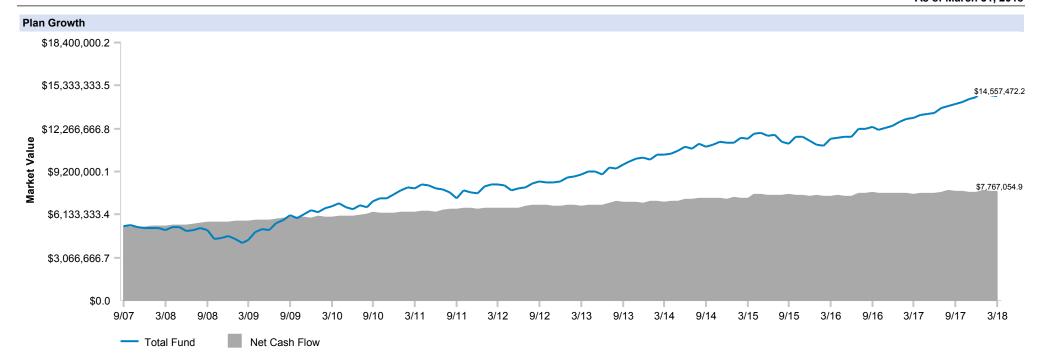
Comparative Performance	,,,,,															
		TD	FY 2		FY 2		FY 2		FY 2		FY 2		FY 2		FY 2	
Total Fund (Gross)	4.14	(18)	12.38	(45)	9.45	(58)	-0.62	(53)	10.54	(43)	11.36	(71)	11.73	(97)	0.07	(56)
Total Fund Policy	3.69	(35)	13.13	(30)	11.38	(8)	-1.25	(70)	11.01	(32)	12.79	(46)	18.67	(33)	0.39	(47)
All Public Plans-Total Fund Median	3.44		12.20		9.68		-0.47		10.20		12.51		17.96		0.29	
Total Fund (Net)	4.04		12.22		9.25		-0.62		10.54		11.21		11.18		-0.23	
Total Equity	5.43		17.52		12.08		-2.28		14.51		20.88		16.62		-2.67	
Total Equity Policy	5.23		19.14		13.68		-3.37		14.53		20.52		26.34		-2.27	
Domestic Equity	5.45	(52)	16.60	(59)	12.96	(32)	-1.59	(48)	17.74	(32)	21.21	(66)	16.00	(97)	N/A	
Total Domestic Equity Policy	5.65	(46)	18.71	(35)	14.96	(15)	-0.49	(32)	17.76	(32)	21.60	(60)	30.20	(17)	0.55	(28)
IM U.S. Multi-Cap Core Equity (MF) Median	5.48		17.35		11.54		-1.80		16.33		22.85		26.64		-1.61	
International Equity	5.31	(8)	20.63	(17)	8.48	(12)	-4.88	(6)	3.47	(60)	19.20	(73)	18.77	(10)	N/A	
Total International Equity Policy	3.93	(24)	20.15	(23)	9.80	(6)	-11.78	(84)	5.22	(27)	16.98	(79)	15.04	(52)	-10.42	(26)
IM International Large Cap Core Equity (MF) Median	2.93		18.72		5.58		-7.91		3.92		21.44		15.13		-11.31	
Total Fixed Income	0.22		2.90		5.12		1.85		3.56		-2.37		5.02		4.67	
Total Fixed Income Policy	-0.65		0.62		7.01		1.58		4.06		-0.71		4.31		4.22	
Domestic Fixed Income	0.31	(14)	0.31	(78)	5.72	(50)	3.43	(5)	3.37	(86)	-2.37	(90)	5.02	(91)	4.67	(42)
Total Domestic Fixed Income Policy	-1.08	(64)	0.07	(83)	5.19	(67)	2.94	(15)	3.96	(74)	-0.71	(42)	4.31	(97)	4.22	(55)
IM U.S. Broad Market Fixed Income (SA+CF+MF) Median	-0.88		1.29		5.69		1.71		4.73		-0.98		7.74		4.39	
Global Fixed Income	-0.12	(89)	13.82	(1)	2.62	(96)	-8.14	(94)	N/A		N/A		N/A		N/A	
Global Fixed Income Index	1.07	(63)	2.82	(29)	14.46	(1)	-3.75	(48)	4.65	(36)	-1.58	(48)	14.19	(3)	2.52	(39)
IM Global Fixed Income (MF) Median	1.63		1.02		7.39		-3.89		3.37		-1.81		7.17		1.74	
Total Real Estate	4.10	(67)	3.60	(100)	N/A		N/A		N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	4.35	(43)	7.81	(60)	10.62	(69)	14.71	(62)	12.39	(68)	12.47	(67)	11.77	(66)	18.03	(41)
IM U.S. Open End Private Real Estate (SA+CF) Median	4.28		8.29		11.32		15.45		12.78		13.18		12.90		16.62	



	FY	TD	FY 2	2017	FY 2	2016	FY 2	015	FY 2	014	FY 2	013	FY 2	2012	FY 2	2011
Domestic Equity Strategies																
JP Morgan Disciplined Equity (JDEUX)	4.99	(58)	19.32	(29)	11.00	(71)	N/A		N/A		N/A		N/A		N/A	
S&P 500 Index	5.84	(39)	18.61	(43)	15.43	(15)	-0.61	(27)	19.73	(17)	19.34	(61)	30.20	(24)	1.14	(25
IM U.S. Large Cap Core Equity (MF) Median	5.35	. ,	18.18	, ,	12.72		-1.84	, ,	17.34	, ,	20.01	. ,	28.04		-1.07	
Parnassus Core Equity (PRILX)	5.33	(51)	13.15	(91)	13.37	(43)	N/A		N/A		N/A		N/A		N/A	
S&P 500 Index	5.84	(39)	18.61	(43)	15.43	(15)	-0.61	(27)	19.73	(17)	19.34	(61)	30.20	(24)	1.14	(25
IM U.S. Large Cap Core Equity (MF) Median	5.35		18.18		12.72		-1.84		17.34		20.01		28.04		-1.07	
/anguard Mid-Cap Index (VIMAX)	5.66	(24)	15.30	(51)	12.57	(42)	N/A		N/A		N/A		N/A		N/A	
Russell Midcap Index	5.58	(26)	15.32	(50)	14.25	(25)	-0.25	(37)	15.83	(15)	27.91	(40)	28.03	(37)	-0.88	(28
IM U.S. Mid Cap Core Equity (MF) Median	4.36		15.31		11.94		-1.23		12.20		27.30		26.28		-3.37	
Vanguard TSM Index (VITSX)	5.73	(42)	18.64	(37)	14.98	(15)	-0.57	(33)	17.74	(32)	21.49	(62)	N/A		N/A	
Russell 3000 Index	5.65	(46)	18.71	(35)	14.96	(15)	-0.49	(32)	17.76	(32)	21.60	(60)	30.20	(17)	0.55	(28)
IM U.S. Multi-Cap Core Equity (MF) Median	5.48		17.35		11.54		-1.80		16.33		22.85		26.64		-1.61	
International Equity Strategies																
Europacific Growth (RERGX)	5.31	(8)	20.64	(17)	8.48	(12)	-4.93	(6)	6.98	(10)	N/A		N/A		N/A	
MSCI AC World ex USA	3.93	(24)	20.15	(23)	9.80	(6)	-11.78	(84)	5.22	(27)	16.98	(79)	15.04	(52)	-10.42	(26)
IM International Large Cap Core Equity (MF) Median	2.93		18.72		5.58		-7.91		3.92		21.44		15.13		-11.31	
Domestic Fixed Income Strategies																
Garcia Hamilton Fixed Income	0.31	(4)	0.31	(68)	5.72	(46)	N/A		N/A		N/A		N/A		N/A	
Blmbg. Barc. U.S. Aggregate Index	-1.08	(76)	0.07	(86)	5.19	(79)	2.94	(60)	3.96	(80)	-1.68	(80)	5.16	(91)	5.26	(50)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-0.88		0.61		5.66		3.02		4.49		-1.26		6.61		5.26	
PIMCO Total Return (PTTRX)	N/A		N/A		N/A		N/A		3.29	(83)	N/A		N/A		N/A	
Blmbg. Barc. U.S. Aggregate Index	-1.08	(42)	0.07	(63)	5.19	(51)	2.94	(8)	3.96	(59)	-1.68	(53)	5.16	(81)	5.26	(14)
IM U.S. Broad Market Core Fixed Income (MF) Median	-1.16		0.47		5.21		1.87		4.19		-1.62		6.79		4.30	
Global Fixed Income Strategies																
Templeton Global Total Return (FTTRX)	-0.12	(89)	13.82	(1)	2.62	(96)	-8.14	(94)	N/A		N/A		N/A		N/A	
Global Fixed Income Index	0.80	(67)	3.07	(28)	14.24	(1)	-3.96	(52)	4.70	(36)	-0.84	(37)	14.55	(3)	2.12	(43)
IM Global Fixed Income (MF) Median	1.63		1.02		7.39		-3.89		3.37		-1.81		7.17		1.74	
Real Estate Strategies																
ASB Core Real Estate	4.10	(67)	3.60	(100)	N/A		N/A		N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	4.35	(43)	7.81	(60)	10.62	(69)	14.71	(62)	12.39	(68)	12.47	(67)	11.77	(66)	18.03	(41)
IM U.S. Open End Private Real Estate (SA+CF) Median	4.28		8.29		11.32		15.45		12.78		13.18		12.90		16.62	

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



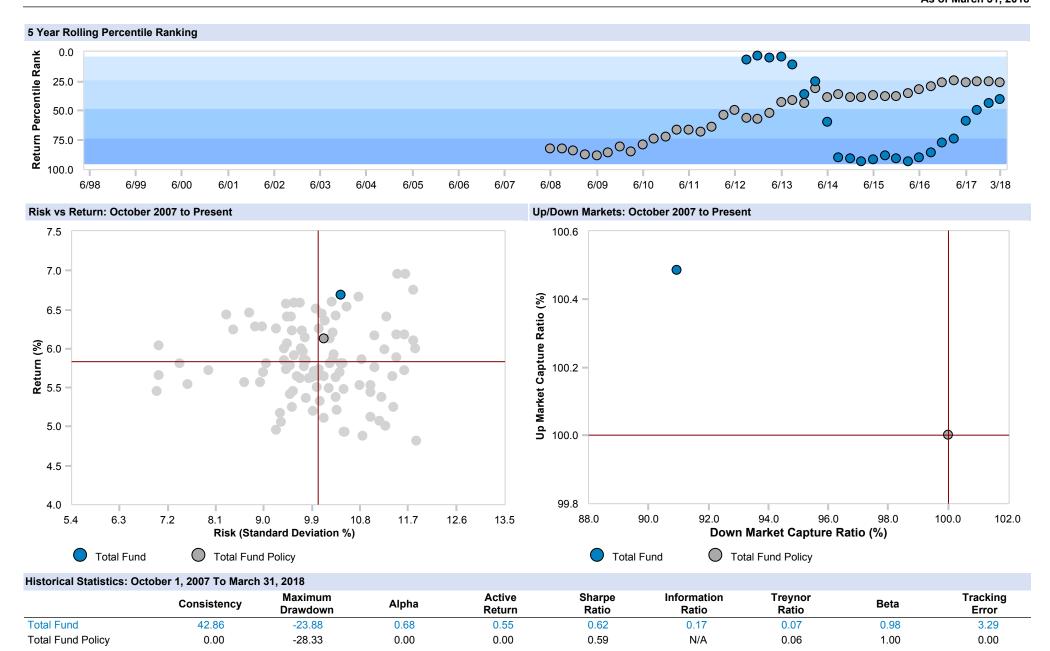


QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
0.06 (19)	0.06 (19)	10.58 (37)	10.91 (34)	6.45 (39)	8.04 (39)	6.47 (91)	7.64 (6)	N/A
-0.54 (63)	-0.54 (63)	10.76 (35)	11.50 (20)	7.28 (12)	8.56 (26)	8.22 (24)	7.03 (35)	N/A
-0.36	-0.36	10.11	10.46	6.21	7.78	7.47	6.76	7.60
	0.06 (19) -0.54 (63)	0.06 (19)     0.06 (19)       -0.54 (63)     -0.54 (63)	0.06 (19)     0.06 (19)     10.58 (37)       -0.54 (63)     -0.54 (63)     10.76 (35)	0.06 (19)     0.06 (19)     10.58 (37)     10.91 (34)       -0.54 (63)     -0.54 (63)     10.76 (35)     11.50 (20)	0.06 (19)     0.06 (19)     10.58 (37)     10.91 (34)     6.45 (39)       -0.54 (63)     -0.54 (63)     10.76 (35)     11.50 (20)     7.28 (12)	0.06 (19)     0.06 (19)     10.58 (37)     10.91 (34)     6.45 (39)     8.04 (39)       -0.54 (63)     -0.54 (63)     10.76 (35)     11.50 (20)     7.28 (12)     8.56 (26)	0.06 (19)     0.06 (19)     10.58 (37)     10.91 (34)     6.45 (39)     8.04 (39)     6.47 (91)       -0.54 (63)     -0.54 (63)     10.76 (35)     11.50 (20)     7.28 (12)     8.56 (26)     8.22 (24)	0.06 (19)     0.06 (19)     10.58 (37)     10.91 (34)     6.45 (39)     8.04 (39)     6.47 (91)     7.64 (6)       -0.54 (63)     -0.54 (63)     10.76 (35)     11.50 (20)     7.28 (12)     8.56 (26)     8.22 (24)     7.03 (35)

Fiscal Year Returns									
	FYTD	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011	FY 2010
Total Fund	4.14 (17)	12.38 (47)	9.45 (49)	-0.62 (55)	10.54 (42)	11.36 (68)	11.73 (95)	0.07 (49)	10.34 (28)
Total Fund Policy	3.69 (34)	13.13 (28)	11.38 (5)	-1.25 (71)	11.01 (32)	12.79 (38)	18.67 (36)	0.39 (38)	9.81 (39)
Median	3.39	12.27	9.43	-0.37	10.19	12.33	18.17	0.01	9.54

Peer Group: All Public Plans-Total Fund





Peer Group: All Public Plans-Total Fund



		Qtr turn	Qua End Dec-	1 arter ding -2017 turn	Qua End Sep	1 arter ding -2017 turn	End Jun-	1 arter ding -2017 turn	3 \ Ret		5 \ Ret		3 \ Do Mar Cap	wn ket	5 Y Do Mar Cap	wn ket
Total Fund (Gross)	0.06	(22)	4.07	(26)	3.30	(65)	2.79	(64)	6.45	(42)	8.04	(43)	95.35	(47)	93.78	(56)
Total Fund Policy	-0.54	(65)	4.25	(16)	3.70	(30)	3.01	(48)	7.28	(13)	8.56	(28)	100.00		100.00	
All Public Plans-Total Fund Median	-0.30		3.72		3.45		2.97		6.27		7.85		94.14		96.87	
Total Fund (Net)	0.00		4.05		3.28		2.76		6.31		7.95		96.39		94.69	
Total Fund Policy	-0.54		4.25		3.70		3.01		7.28		8.56		100.00		100.00	
Total Equity	-0.18		5.62		4.64		3.80		8.39		11.13		94.73		91.71	
Total Equity Policy	-0.75		6.02		4.99		3.76		9.38		11.38		100.00		100.00	
Domestic Equity	-0.56	(45)	6.04	(50)	3.98	(57)	2.70	(56)	8.45	(49)	11.94	(46)	111.50	(42)	111.50	(44)
Total Domestic Equity Policy	-0.64	(51)	6.34	(40)	4.57	(39)	3.02	(43)	10.22	(14)	13.03	(23)	100.00		100.00	
IM U.S. Multi-Cap Core Equity (MF) Median	-0.64		6.00		4.28		2.85		8.34		11.76		106.69		107.65	
International Equity	1.03	(8)	4.23	(46)	6.86	(16)	7.69	(14)	7.92	(1)	8.04	(5)	103.51	(71)	83.38	(94)
Total International Equity Policy	-1.08	(46)	5.06	(18)	6.25	(28)	5.99	(44)	6.68	(3)	6.37	(35)	100.00		100.00	
IM International Large Cap Core Equity (MF) Median	-1.18		4.18		5.50		5.80		4.96		5.98		115.99		99.82	
Total Fixed Income	-0.14		0.36		0.67		0.88		2.17		2.21		41.53		78.41	
Total Fixed Income Policy	-1.07		0.43		1.13		1.71		2.00		2.28		100.00		100.00	
Domestic Fixed Income	-0.60	(5)	0.92	(4)	0.45	(100)	1.40	(84)	1.78	(37)	2.09	(58)	87.22	(70)	109.28	(10)
Total Domestic Fixed Income Policy	-1.46	(70)	0.39	(81)	0.85	(76)	1.45	(75)	1.20	(85)	1.98	(66)	100.00		100.00	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-1.37		0.52		0.92		1.54		1.58		2.17		92.44		98.91	
Global Fixed Income	1.64	(27)	-1.73	(100)	1.46	(59)	-0.99	(100)	2.79	(38)	N/A		-48.51	(100)	N/A	
Global Fixed Income Index	0.49	(58)	0.58	(60)	2.27	(15)	2.79	(23)	5.19	(1)	3.37	(7)	100.00		100.00	
IM Global Fixed Income (MF) Median	0.74		0.67		1.58		2.27		2.40		1.69		104.00		103.71	
Total Real Estate	2.00	(64)	2.06	(72)	0.79	(97)	0.66	(100)	N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	2.15	(49)	2.15	(57)	1.89	(44)	1.71	(69)	10.25	(39)	11.45	(53)	N/A		N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median	2.14		2.25		1.75		1.91		10.18		11.70		N/A		N/A	



	1 ( Ret		Qua Enc Dec	1 arter ding -2017 turn	Qua End Sep	1 arter ding -2017 turn	Qua End Jun-	1 arter ding -2017 turn	3 \ Ret		5 \ Ret		3 \ Do Mar Cap	wn ket	5 Y Dov Mar Capt	wn ket
Domestic Equity Strategies																
JP Morgan Disciplined Equity (JDEUX)	-1.48	(64)	6.56	(42)	4.53	(42)	2.48	(69)	N/A		N/A		N/A		N/A	
S&P 500 Index	-0.76	(43)	6.64	(38)	4.48	(45)	3.09	(46)	10.78	(14)	13.31	(14)	100.00		100.00	
IM U.S. Large Cap Core Equity (MF) Median	-1.11		6.39		4.38		3.00		9.25		12.05		111.36		112.62	
Parnassus Core Equity (PRILX)	-0.21	(23)	5.55	(79)	3.39	(83)	2.50	(68)	N/A		N/A		N/A		N/A	
S&P 500 Index	-0.76	(43)	6.64	(38)	4.48	(45)	3.09	(46)	10.78	(14)	13.31	(14)	100.00		100.00	
IM U.S. Large Cap Core Equity (MF) Median	-1.11		6.39		4.38		3.00		9.25		12.05		111.36		112.62	
Vanguard Mid-Cap Index (VIMAX)	0.01	(21)	5.65	(45)	3.43	(51)	2.77	(27)	N/A		N/A		N/A		N/A	
Russell Midcap Index	-0.46	(26)	6.07	(31)	3.47	(48)	2.70	(28)	8.01	(29)	12.09	(15)	100.00		100.00	
IM U.S. Mid Cap Core Equity (MF) Median	-1.20	, ,	5.47	, ,	3.44	, ,	1.87		6.65	, ,	10.42	, ,	102.59		117.88	
Vanguard TSM Index (VITSX)	-0.60	(48)	6.37	(38)	4.54	(41)	3.03	(42)	10.21	(15)	13.02	(23)	99.63	(63)	99.63	(64)
Russell 3000 Index	-0.64	(51)	6.34	(40)	4.57	(39)	3.02	(43)	10.22	(14)	13.03	(23)	100.00	(,	100.00	( - ,
IM U.S. Multi-Cap Core Equity (MF) Median	-0.64	,	6.00	,	4.28	,	2.85	,	8.34	,	11.76	,	106.69		107.65	
International Equity Strategies																
Europacific Growth (RERGX)	1.03	(8)	4.23	(46)	6.86	(16)	7.69	(14)	7.92	(1)	8.80	(1)	103.51	(71)	82.13	(94)
MSCI AC World ex USA	-1.08	(46)	5.06	(18)	6.25	(28)	5.99	(44)	6.68	(3)	6.37	(35)	100.00		100.00	
IM International Large Cap Core Equity (MF) Median	-1.18		4.18		5.50		5.80		4.96		5.98		115.99		99.82	
Domestic Fixed Income Strategies																
Garcia Hamilton Fixed Income	-0.60	(5)	0.92	(4)	0.45	(100)	1.40	(84)	1.78	(37)	N/A		87.22	(70)	N/A	
Blmbg. Barc. U.S. Aggregate Index	-1.46	(70)	0.39	(81)	0.85	(76)	1.45	(75)	1.20	(85)	1.82	(84)	100.00		100.00	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-1.37		0.52		0.92		1.54		1.58		2.17		92.44		93.01	
Global Fixed Income Strategies																
Templeton Global Total Return (FTTRX)	1.64	(27)	-1.73	(100)	1.46	(59)	-0.99	(100)	2.79	(38)	N/A		-49.65	(100)	N/A	
Global Fixed Income Index	0.24	(62)	0.56	(63)	2.30	(15)	2.73	(30)	5.11	(1)	3.35	(8)	100.00		100.00	
IM Global Fixed Income (MF) Median	0.74		0.67		1.58		2.27		2.40		1.69		106.45		104.14	
Real Estate Strategies																
ASB Core Real Estate	2.00	(64)	2.06	(72)	0.79	(97)	0.66	(100)	N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	2.15	(49)	2.15	(57)	1.89	(44)	1.71	(69)	10.25	(39)	11.45	(53)	N/A		N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median	2.14		2.25		1.75		1.91		10.18		11.70		N/A		N/A	

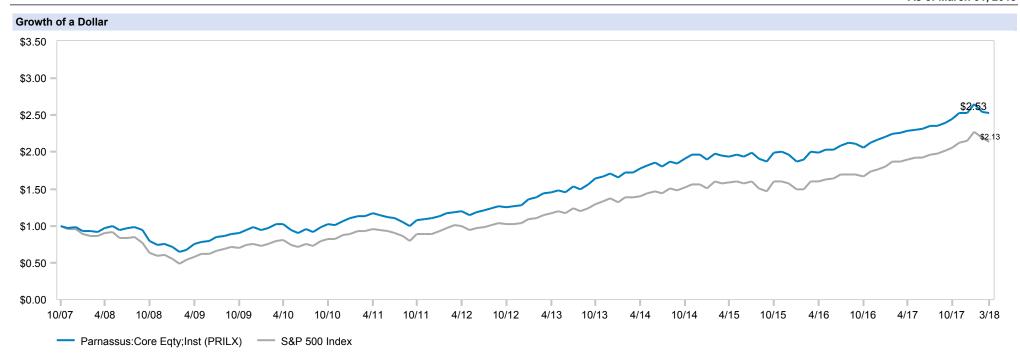


	Estimated Annual Fee (%)	03/31/18 Market Value	03/31/18 Allocation (%)	Estimated Annual Fee (\$)
Domestic Equity				
JP Morgan Disciplined Equity R6 (JDEUX)	0.35	1,825,970	12.54	6,391
Vanguard TSM Index (VITSX)	0.04	1,856,547	12.75	743
Vanguard Mid-Cap Index Adm (VIMAX)	0.09	1,891,140	12.99	1,702
Parnassus Core Equity Inst (PRILX)	0.67	1,863,805	12.80	12,487
International Equity				
Europacific Growth (RERGX)	0.49	2,337,897	16.06	11,456
Domestic Fixed Income				
Garcia Hamilton Fixed Income	0.25	2,550,753	17.52	6,377
Global Fixed Income				
Templeton Global Total Return (FTTRX)	0.66	684,304	4.70	4,516
Real Estate				
ASB Core Real Estate	1.25	1,441,389	9.90	18,017
Cash Accounts				
Receipt & Disbursement	0.00	105,666	0.73	-
Total Fund	0.42	14,557,472	100.00	61,689



# Long-Term Manager Composite Data

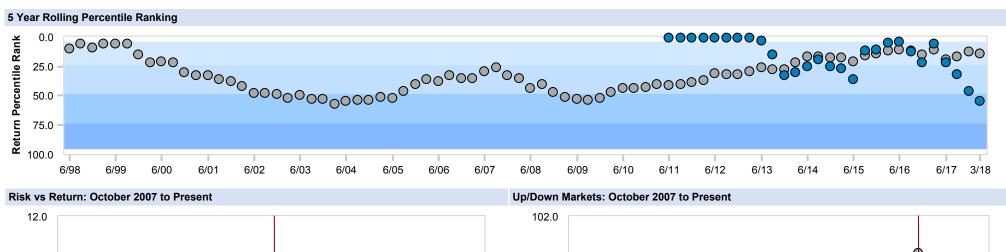


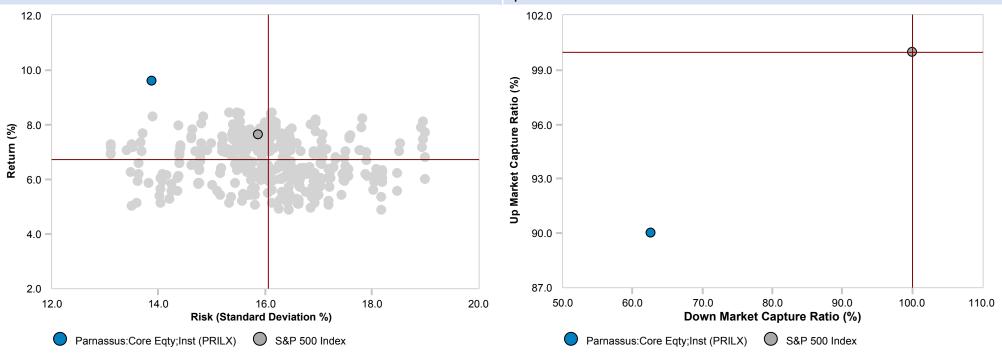


Trailing Returns									
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Parnassus:Core Eqty;Inst (PRILX)	-0.21 (23)	-0.21 (23)	11.62 (69)	12.08 (82)	8.98 (58)	11.89 (55)	12.25 (24)	10.61 (2)	N/A
S&P 500 Index	-0.76 (43)	-0.76 (43)	13.99 (40)	15.57 (35)	10.78 (14)	13.31 (14)	12.71 (12)	9.49 (18)	10.10 (19)
Median	-1.11	-1.11	13.31	14.54	9.25	12.05	11.44	8.51	9.25

Fiscal Year Returns									
	FYTD	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011	FY 2010
Parnassus:Core Eqty;Inst (PRILX)	5.32 (51)	13.15 (91)	13.41 (43)	1.09 (9)	18.51 (34)	23.61 (10)	26.83 (63)	0.58 (32)	10.64 (18)
S&P 500 Index	5.84 (39)	18.61 (43)	15.43 (15)	-0.61 (27)	19.73 (17)	19.34 (61)	30.20 (24)	1.14 (25)	10.16 (24)
Median	5.35	18.18	12.72	-1.84	17.34	20.01	28.04	-1.07	8.27







Historical Statistics: October 1, 20	07 To March 31, 20	018							
	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Parnassus:Core Eqty;Inst (PRILX)	50.00	-31.14	3.02	1.53	0.70	0.31	0.12	0.83	4.96
S&P 500 Index	0.00	-45.80	0.00	0.00	0.51	N/A	0.08	1.00	0.00





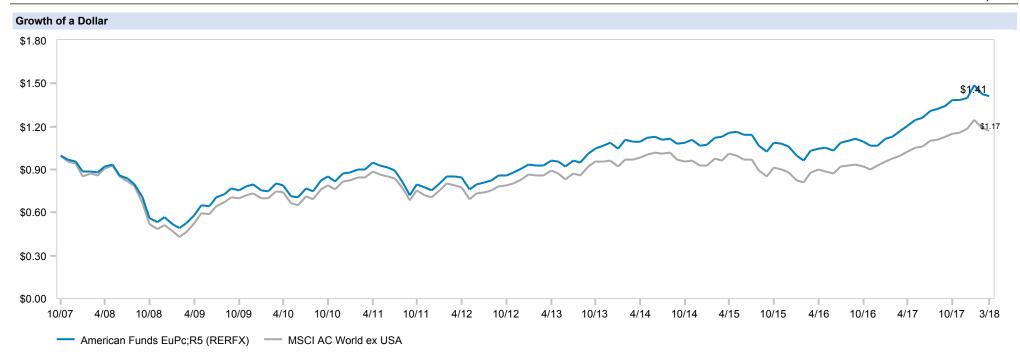
Trailing Returns									
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
JPMorgan:US Res EnEq;R6 (JDEUX)	-1.48 (64)	-1.48 (64)	12.45 (59)	15.10 (42)	8.23 (74)	12.53 (37)	12.34 (21)	9.75 (13)	10.24 (16)
S&P 500 Index	-0.76 (43)	-0.76 (43)	13.99 (40)	15.57 (35)	10.78 (14)	13.31 (14)	12.71 (12)	9.49 (18)	10.10 (19)
Median	-1.11	-1.11	13.31	14.54	9.25	12.05	11.44	8.51	9.25

Fiscal Year Returns									
	FYTD	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011	FY 2010
JPMorgan:US Res EnEq;R6 (JDEUX)	4.98 (58)	19.31 (29)	11.02 (71)	-2.26 (57)	21.77 (3)	21.14 (31)	30.56 (20)	0.91 (28)	10.92 (15)
S&P 500 Index	5.84 (39)	18.61 (43)	15.43 (15)	-0.61 (27)	19.73 (17)	19.34 (61)	30.20 (24)	1.14 (25)	10.16 (24)
Median	5.35	18.18	12.72	-1.84	17.34	20.01	28.04	-1.07	8.27





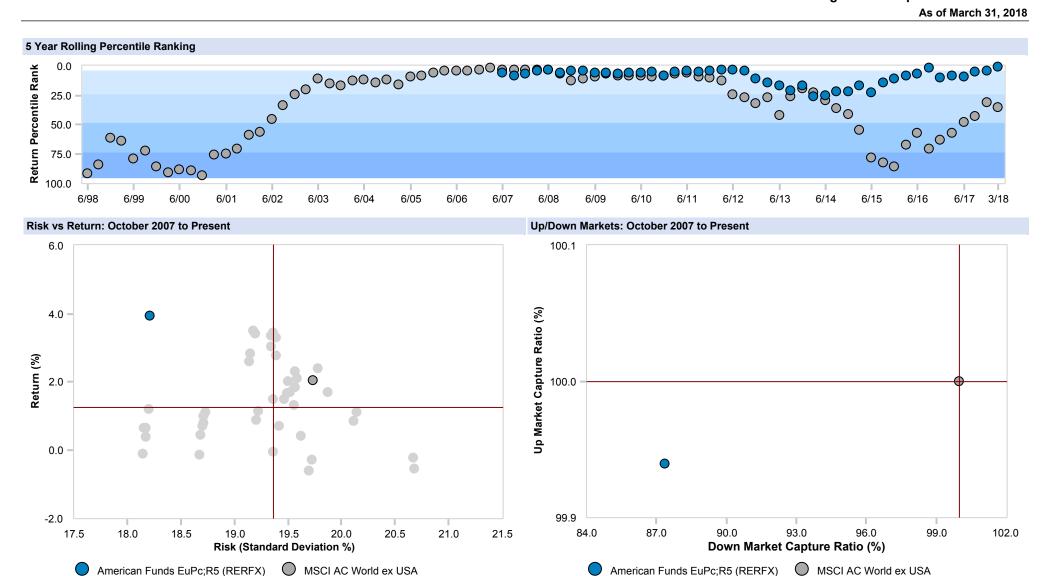




Trailing Returns									
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
American Funds EuPc;R5 (RERFX)	1.02 (8)	1.02 (8)	21.09 (7)	17.01 (1)	7.87 (1)	8.75 (1)	6.63 (2)	4.86 (1)	10.76 (2)
MSCI AC World ex USA	-1.08 (46)	-1.08 (46)	17.05 (19)	15.36 (16)	6.68 (3)	6.37 (35)	4.73 (45)	3.17 (34)	9.71 (6)
Median	-1.18	-1.18	14.84	13.52	4.96	5.98	4.63	2.49	8.56

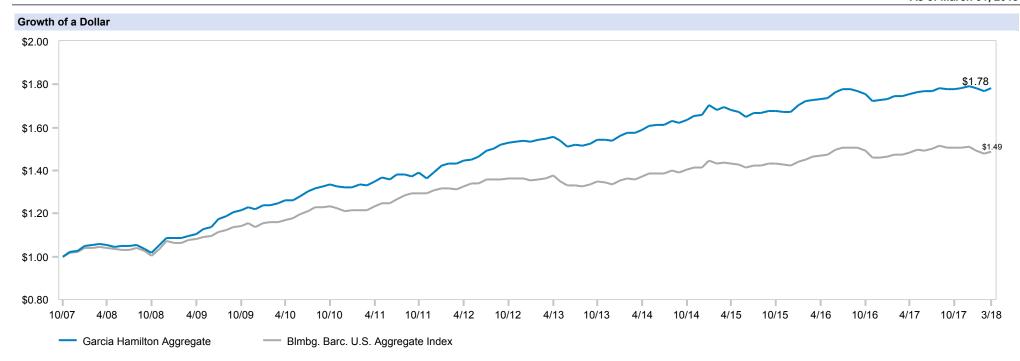
Fiscal Year Returns									
	FYTD	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011	FY 2010
American Funds EuPc;R5 (RERFX)	5.29 (8)	20.56 (19)	8.47 (12)	-4.97 (6)	6.93 (10)	18.22 (75)	18.39 (13)	-12.38 (70)	7.35 (9)
MSCI AC World ex USA	3.93 (24)	20.15 (23)	9.80 (6)	-11.78 (84)	5.22 (27)	16.98 (79)	15.04 (52)	-10.42 (26)	8.00 (3)
Median	2.93	18.72	5.58	-7.91	3.92	21.44	15.13	-11.31	3.35





<b>Historical Statistics: October 1, 200</b>	7 To March 31, 201	18							
	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
American Funds EuPc;R5 (RERFX)	61.90	-45.07	1.95	1.58	0.28	0.45	0.06	0.91	3.53
MSCI AC World ex USA	0.00	-51.36	0.00	0.00	0.18	N/A	0.04	1.00	0.00

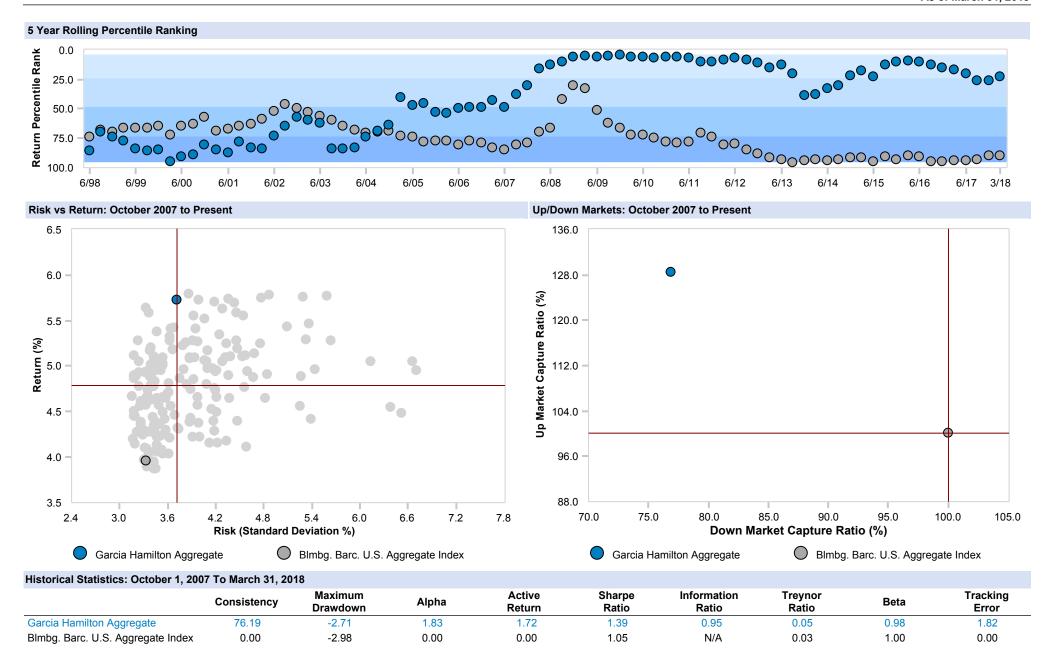




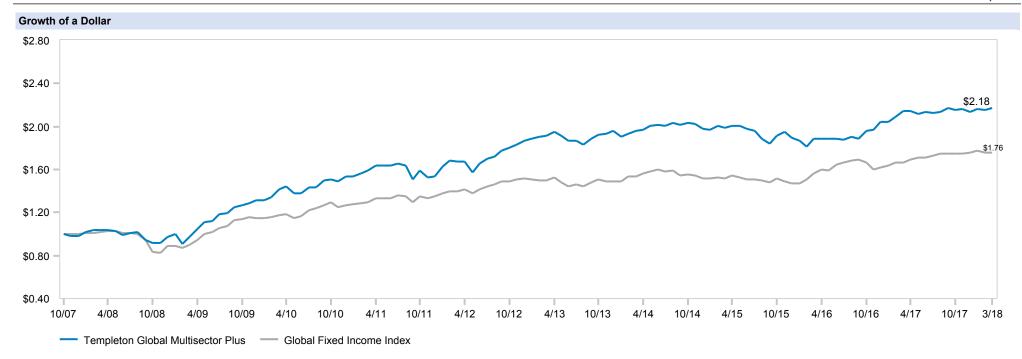
Trailing Returns									
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Garcia Hamilton Aggregate	-0.58 (7)	-0.58 (7)	2.21 (36)	1.52 (64)	1.73 (59)	2.88 (23)	4.26 (20)	5.37 (17)	5.37 (15)
Blmbg. Barc. U.S. Aggregate Index	-1.46 (73)	-1.46 (73)	1.20 (91)	0.82 (92)	1.20 (91)	1.82 (90)	2.92 (93)	3.63 (94)	3.95 (93)
Median	-1.31	-1.31	1.92	1.89	1.88	2.39	3.68	4.60	4.70

Fiscal Year Returns									
	FYTD	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011	FY 2010
Garcia Hamilton Aggregate	0.32 (6)	0.31 (82)	5.57 (71)	3.62 (8)	6.35 (17)	0.28 (22)	10.81 (13)	3.35 (92)	10.07 (45)
Blmbg. Barc. U.S. Aggregate Index	-1.08 (84)	0.07 (91)	5.19 (85)	2.94 (42)	3.96 (86)	-1.68 (85)	5.16 (94)	5.26 (46)	8.16 (92)
Median	-0.74	1.04	5.95	2.81	4.93	-0.85	7.48	5.18	9.91





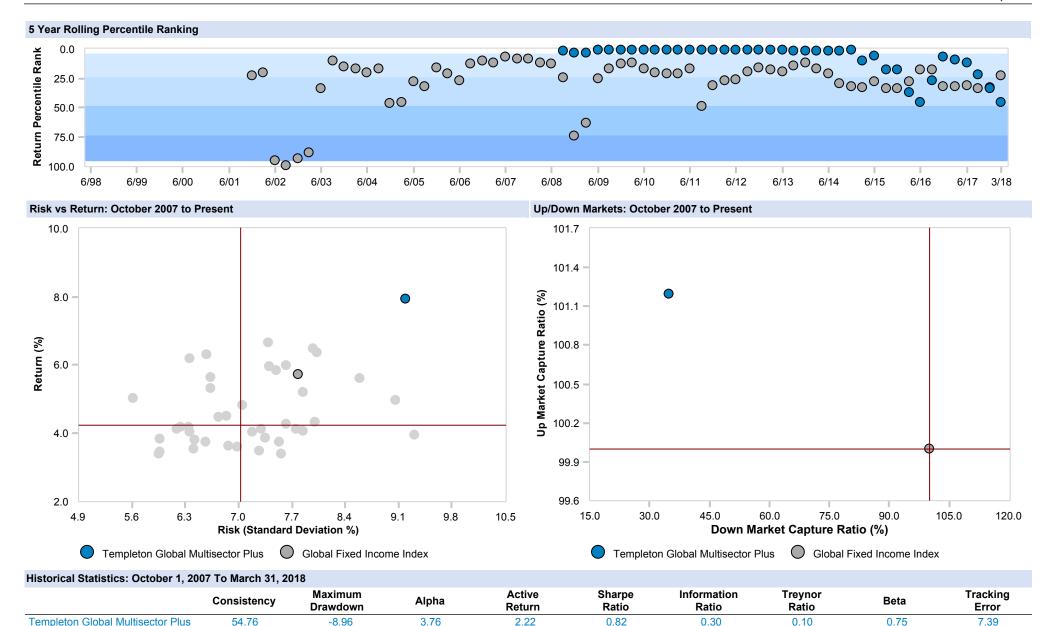




Trailing Returns									
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Templeton Global Multisector Plus	1.72 (37)	1.72 (37)	1.44 (96)	7.54 (6)	3.12 (71)	2.63 (45)	4.60 (20)	7.67 (1)	N/A
Global Fixed Income Index	0.24 (68)	0.24 (68)	5.92 (59)	6.20 (19)	5.11 (7)	3.35 (23)	4.47 (22)	5.61 (24)	7.09 (16)
Median	1.32	1.32	6.73	4.80	3.50	2.50	3.28	3.60	5.06

Fiscal Year Returns									
	FYTD	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011	FY 2010
Templeton Global Multisector Plus	0.31 (81)	15.27 (1)	2.07 (97)	-8.32 (97)	6.56 (22)	6.45 (7)	17.76 (2)	0.26 (85)	20.22 (1)
Global Fixed Income Index	0.80 (70)	3.07 (52)	14.24 (2)	-3.96 (68)	4.70 (42)	-0.84 (56)	14.55 (7)	2.12 (66)	13.03 (21)
Median	2.08	3.50	8.38	-3.04	4.08	-0.40	8.33	3.17	8.93





0.00

0.69

N/A

0.05

1.00



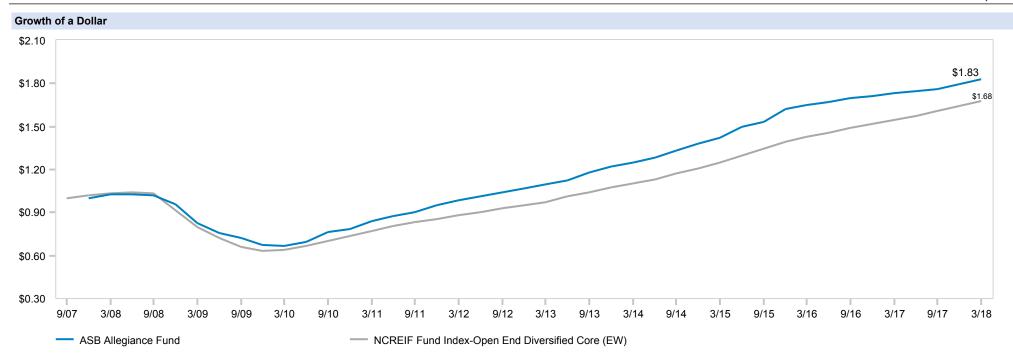
0.00

Global Fixed Income Index

0.00

-12.97

0.00



Trailing Returns									
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
ASB Allegiance Fund	1.99 (65)	1.99 (65)	5.60 (100)	5.46 (100)	8.83 (79)	10.76 (62)	11.78 (55)	5.97 (29)	9.18 (N/A)
NCREIF Fund Index-Open End Diversified Core (EW)	2.15 (49)	2.15 (49)	8.14 (63)	8.38 (46)	10.25 (39)	11.45 (53)	11.80 (55)	4.92 (76)	8.06 (N/A)
Median	2.14	2.14	8.42	8.25	10.18	11.70	12.08	5.22	N/A

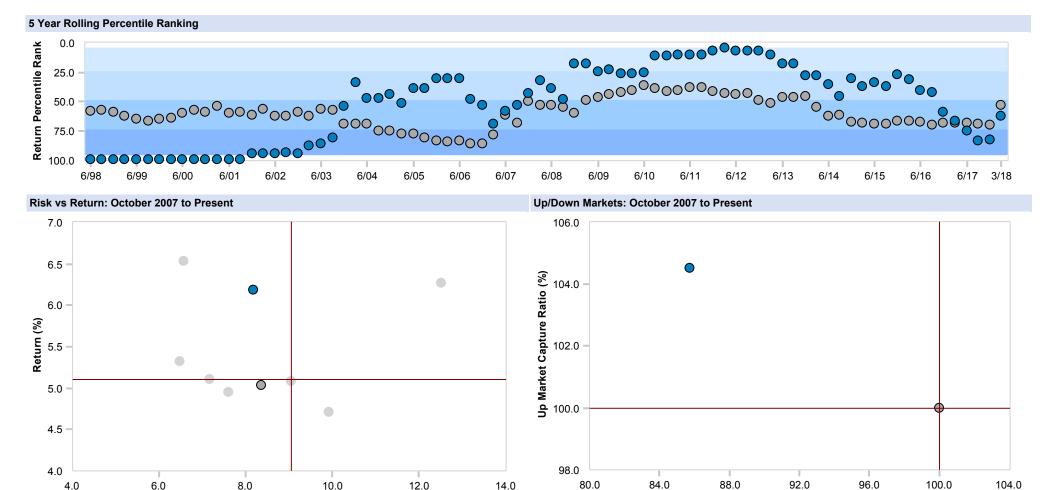
Fiscal Year Returns									
	FYTD	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2011	FY 2010
ASB Allegiance Fund	4.09 (67)	3.61 (100)	10.65 (68)	15.06 (60)	12.90 (49)	13.22 (49)	15.43 (28)	18.56 (38)	5.22 (68)
NCREIF Fund Index-Open End Diversified Core (EW)	4.35 (43)	7.81 (60)	10.62 (69)	14.71 (62)	12.39 (68)	12.47 (67)	11.77 (66)	18.03 (41)	6.14 (52)
Median	4.28	8.29	11.32	15.45	12.78	13.18	12.90	16.62	6.39



**Down Market Capture Ratio (%)** 

ASB Allegiance Fund

NCREIF Fund Index-Open End Diversified Core (EW)



Historical Statistics: October 1, 2007 To March 31, 2018						
Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Tro R

Risk (Standard Deviation %)

NCREIF Fund Index-Open End Diversified Core (EW)

reynor **Tracking** Beta Ratio **Error ASB Allegiance Fund** 42.86 -34.71 1.59 1.08 0.34 0.91 0.72 0.07 3.18 NCREIF Fund Index-Open End Diversified Core (EW) 0.00 -39.11 0.00 0.00 0.57 N/A 0.05 1.00 0.00



ASB Allegiance Fund

Total Fund Compliance:		Yes	No	N/A
1. The Total Plan return equaled or exceeded the Net 7.5% actuarial earnings assumption over the trailing three year period.			✓	
2. The Total Plan return equaled or exceeded the Net 7.5% 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.		✓		
IP Morgan /	IDELIY) Parnassus (PPILY) Vanguard (VIM	MAY) Vanc	uuard (\	/ITCY)

Manager Compliance:		JP Morgan (JDEUX)			Parnassus (PRILX)			Vanguard (VIMAX)			Vanguard (VITSX)	
		No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
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:	Europ	Europacific (RERGX)		Garcia Hamilton		ilton	Templeton (FTTRX)			ASB Real Estate		
manager compnance.	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			✓	✓					✓			<b>✓</b>

Total Fund Policy		Total Equity Policy	
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Jul-2003		Jul-2003	
S&P 500 Index	60.00	S&P 500 Index	100.00
Bloomberg Barclays Intermed Aggregate Index	40.00		
		Aug-2007	
Jul-2007		S&P 500 Index	85.00
S&P 500 Index	50.00	MSCI EAFE Index	15.00
Bloomberg Barclays Intermed Aggregate Index	40.00	1.10040	
MSCI EAFE Index	10.00	Jul-2010	
		Russell 3000 Index	75.00
Jul-2010		MSCI AC World ex USA	25.00
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		Total Fixed Income Policy	
Russell 3000 Index	50.00	Allocation Mandate	Weight (%)
Blmbg. Barc. U.S. Aggregate Index	20.00	Jul-2003	
MSCI AC World ex USA	15.00	Bloomberg Barclays Intermed Aggregate Index	100.00
Global Fixed Income Index	5.00	g , gg g	
NCREIF Fund Index-Open End Diversified Core (EW)	10.00	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 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 International Equity Policy		
Allocation Mandate	Weight (%)	
Jan-1970 MSCI EAFE Index	100.00	
Jul-2010 MSCI AC World ex USA	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.



Α	١cti	ive	Re	ŧι	ırn

- 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.



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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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