# City of Fort Lauderdale Operating Funds

**Investment Performance Review** 

March 31, 2016



Investment Performance Review				10 01 11101 011 011, 2010
investment Performance Review	Market Value	Current Quarter	Trailing 12 Months	Fiscal Year Projected Rate of Return
City Operating Funds	\$480,874,917			
CRA Fund	\$69,895,572			
Total City of Fort Lauderdale Funds	\$550,770,489	0.73%	0.85%	1.10%
Benchmark		0.90%	0.93%	
OPEB Trust Fund	\$12,806,361	0.00%	0.04%	7.00%
Benchmark		0.02%	0.03%	
Cemetery Trust Funds	\$25,864,554	2.81%	1.01%	5.00%
Benchmark		2.19%	1.87%	
General Employee Retirement System (GERS)	\$570,316,088	0.90%	-5.8%	7.50%
Benchmark		1.20%	-2.1%	
Police & Fire Retirement System (PFRS)	\$784,186,475	1.19%	-0.41%	7.50%
Benchmark		1.00%	0.22%	



Investment Performance Review							1 111011011, 2010
Authorized Investments	Sterling Enhanced Cash	Garcia Hamilton S/T Fixed (1-3yr)	Sawgrass Short (1-5yr)	FMIT (1-3) Year	Wells Fargo (Cash Accounts)	Regions (Bond Accounts)	CRA Accounts
Cash & Money Market Accounts	0.00%	0.51%	0.31%	0.00%	100.00%	0.00%	0.00%
Money Market Funds	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Local Govt Investment Pool	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
US Treasury Bond/ Note	10.69%	29.95%	45.55%	0.00%	0.00%	0.00%	0.00%
Federal Agency Bond/Note	42.05%	38.56%	17.82%	0.00%	0.00%	0.00%	0.00%
Federal Agency MBS/CMO/CMBS	1.16%	16.99%	1.40%	0.00%	0.00%	0.00%	0.00%
Municipal Bond/Note	11.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Corporate Note	34.48%	13.99%	34.92%	0.00%	0.00%	0.00%	0.00%
Commercial Paper	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Average YTM	0.80%	1.02%	1.17%	1.00%	0.00%	0.01%	0.01%
Current Portfolio Yield	1.76%	2.05%	1.35%				

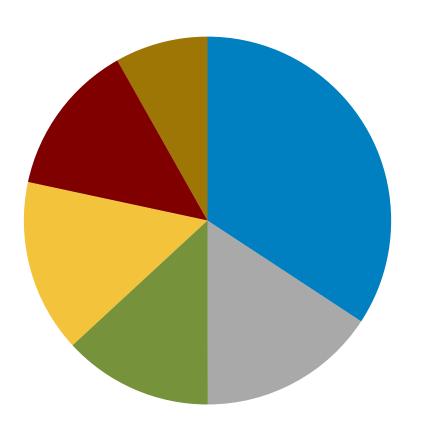


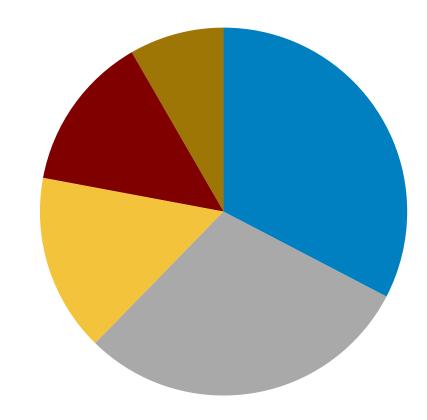
Authorized Investments	Allowable Range	Allocation	Percent of Portfolio
Cash & Money Market Accounts	0% - 100%	\$83,977,821	15.2%
Money Market Funds	0% - 75%	\$82,623,102	15.0%
Local Govt Investment Pool	0% - 25%	\$60,175,441	10.9%
US Treasury Bond/ Note	0% - 100%	\$96,236,553	17.5%
Federal Agency Bond/Note	0% - 100%	\$110,135,589	20.0%
Federal Agency MBS/CMO/CMBS	0% - 25%	\$29,845,280	5.4%
Municipal Bond/Note	0% - 25%	\$8,790,457	1.6%
Corporate Note	0% - 30%	\$78,986,246	14.3%
Commercial Paper	0% - 25%	\$0	0.0%

\$550,770,489 100.00%



December 31, 2015 : \$558,297,656 March 31, 2016 : \$550,770,489





Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Total Operating and Restricted Funds	191,102,393	34.2	■ Total Operating and Restricted Funds	179,765,614	32.6
■ Garcia Short Duration Opportunistic	87,878,779	15.7	Garcia Short Duration Opportunistic	163,409,023	29.7
■ Wells Cap 1-3 yr Short Duration	73,502,702	13.2	■ Wells Cap 1-3 yr Short Duration	-	0.0
Sawgrass 1-5 yr Short Term	85,029,604	15.2	Sawgrass 1-5 yr Short Term	86,093,492	15.6
■ Sterling Enhanced Cash	75,132,486	13.5	Sterling Enhanced Cash	75,584,328	13.7
■ FMIT Other Bonds & Subsidiary Account	45,651,692	8.2	■ FMIT Other Bonds & Subsidiary Account	45,918,032	CAM 16-0585 EXHIBIT #1



Asset Allocation Attributes							
	Domestic Fix	ed Income	Cash Equ	ivalent	Total Fund		
	(\$)	%	(\$)	%	(\$)	%	
Surplus Funds	369,414,128	99.57	1,590,747	0.43	371,004,875	67.36	
Garcia Short Duration Opportunistic	162,020,010	99.15	1,389,014	0.85	163,409,023	29.67	
Sawgrass 1-5 yr Short Term	85,551,441	99.37	542,051	0.63	86,093,492	15.63	
Sterling Enhanced Cash	75,924,645	100.45	-340,317	-0.45	75,584,328	13.72	
FMIT Other Bonds & Subsidiary Account	45,918,032	100.00	-	-	45,918,032	8.34	
Total Operating and Restricted Funds	61,274,056	34.09	118,491,558	65.91	179,765,614	32.64	
Wells Fargo Master Account	-	-	82,885,103	100.00	82,885,103	15.05	
FMIT W&S Bonds, Series 2006	4,336,139	100.00	-	-	4,336,139	0.79	
FMIT W&S Bonds, Series 2008	4,576,382	100.00	-	-	4,576,382	0.83	
FMIT W&S Bonds, Series 2010	5,344,888	100.00	-	-	5,344,888	0.97	
Regions All Go Bonds	-	-	12,727,530	100.00	12,727,530	2.31	
Sterling - CRA Account	47,016,647	67.27	22,878,925	32.73	69,895,572	12.69	
Total Fund Composite	430,688,184	78.20	120,082,305	21.80	550,770,489	100.00	



Financial Reconciliation								
	Market Value 01/01/2016	Net Transfers	Contributions	Distributions	Other Expenses	Income	Apprec./ Deprec.	Market Value 03/31/2016
Surplus Funds	367,195,263	-	-	-792	-	1,543,563	2,266,841	371,004,875
Garcia Short Duration Opportunistic	87,878,779	73,798,443	-	-13	-	975,127	756,687	163,409,023
Sawgrass 1-5 yr Short Term	85,029,604	-	-	-	-	289,791	774,097	86,093,492
Sterling Enhanced Cash	75,132,486	-	-	-	-	339,519	112,323	75,584,328
Wells Cap 1-3 yr Short Duration	73,502,702	-73,798,443	-	-	-	-61,654	357,395	-
FMIT Other Bonds & Subsidiary Account	45,651,692	-	-	-	-	-	266,340	45,918,032
Wells Short Term Account	-	-	-	-779	-	779	-	-
Total Operating and Restricted Funds	191,102,393	-	192,071,306	-203,684,694	-	130,244	146,366	179,765,614
Wells Fargo Master Account	162,287,561	-	122,009,150	-201,473,993	-	62,385	-	82,885,103
FMIT W&S Bonds, Series 2006	4,310,988	-	-	-	-	-	25,151	4,336,139
FMIT W&S Bonds, Series 2008	4,549,838	-	-	-	-	-	26,545	4,576,382
FMIT W&S Bonds, Series 2010	5,313,886	-	-	-	-	-	31,002	5,344,888
Regions All Go Bonds	14,640,121	-	-	-1,912,911	-	320	-	12,727,530
Sterling - CRA Account	-	-	70,062,155	-297,790	-	67,538	63,668	69,895,572
Total Fund Composite	558,297,656	-	192,071,306	-203,685,487	•	1,673,807	2,413,207	550,770,489

Financial Reconciliation								
	Market Value 10/01/2015	Net Transfers	Contributions	Distributions	Other Expenses	Income	Apprec./ Deprec.	Market Value 03/31/2016
Surplus Funds	391,436,840	-	-	-23,249,900	-	3,098,357	-280,422	371,004,875
Garcia Short Duration Opportunistic	88,164,732	73,798,443	-	-13	-	1,627,122	-181,260	163,409,023
Sawgrass 1-5 yr Short Term	85,332,963	-	-	-	-	568,121	192,408	86,093,492
Sterling Enhanced Cash	75,231,425	-	-	-	-	684,556	-331,653	75,584,328
Wells Cap 1-3 yr Short Duration	73,685,923	-73,798,443	-	-	-	214,154	-101,634	-
FMIT Other Bonds & Subsidiary Account	45,776,313	-	-	-	-	-	141,718	45,918,032
Wells Short Term Account	23,245,484	-	-	-23,249,887	-	4,403	-1	-
Total Operating and Restricted Funds	102,020,312	•	458,788,104	-381,281,432	-	130,958	107,671	179,765,614
Wells Fargo Master Account	74,783,964	-	387,109,099	-379,070,731	-	62,771	-	82,885,103
FMIT W&S Bonds, Series 2006	4,322,756	-	-	-	-	-	13,383	4,336,139
FMIT W&S Bonds, Series 2008	4,562,258	-	-	-	-	-	14,124	4,576,382
FMIT W&S Bonds, Series 2010	5,328,392	-	-	-	-	-	16,496	5,344,888
Regions All Go Bonds	13,022,942	-	1,616,850	-1,912,911	-	649	-	12,727,530
Sterling - CRA Account	-	-	70,062,155	-297,790	-	67,538	63,668	69,895,572
Total Fund Composite	493,457,152	-	458,788,104	-404,531,332	-	3,229,315	-172,751	550,770,489



Comparative Performance											
	Q.	TR	Y	TD	FY	TD	1	YR	Ince	ption	Inceptior Date
Total Fund Composite	0.73		0.73		0.51		0.85		0.70		07/01/2012
Surplus Funds	1.04		1.04		0.78		1.20		1.05		04/01/2013
Barclays 1-3 Govt	0.89		0.89		0.46		0.93		0.79		
Garcia Short Duration Opportunistic	1.60	(6)	1.60	(6)	1.27	(11)	1.81	(7)	1.73	(11)	04/01/2013
BofAML 1-3 Yr. Gov/Corp A Rated & Above	0.94	(70)	0.94	(70)	0.57	(88)	1.03	(81)	0.90	(89)	
IM U.S. Short Duration Fixed Income (SA+CF) Median	1.02		1.02		0.81		1.26		1.20		
Sawgrass 1-5 yr Short Term	1.25	(23)	1.25	(23)	0.89	(38)	1.37	(34)	1.20	(51)	04/01/2013
BofA Merrill Lynch 1-5 Yr Gov/Corp A Rated & Above	1.56	(9)	1.56	(9)	1.00	(27)	1.68	(13)	1.31	(35)	
IM U.S. Short Duration Fixed Income (SA+CF) Median	1.02		1.02		0.81		1.26		1.20		
Sterling Enhanced Cash	0.60	(9)	0.60	(9)	0.47	(34)	0.85	(15)	0.76	(38)	04/01/2013
1 Year U.S. Treasury Note	0.20	(65)	0.20	(65)	0.01	(97)	0.09	(98)	0.08	(100)	
IM U.S. Cash Fixed Income (SA+CF) Median	0.31		0.31		0.38		0.61		0.63		
FMIT Other Bonds & Subsidiary Account	0.58		0.58		0.31		0.64		0.52		07/01/2012
BofA Merrill Lynch 1-3 Year Government	0.90		0.90		0.46		0.93		0.74		



	QTR	YTD	FYTD	1 YR	Inception	Inceptior Date
Total Operating and Restricted Funds	0.15	0.15	0.10	0.16	0.11	07/01/2012
90 Day U.S. Treasury Bill	0.06	0.06	0.06	0.08	0.06	
Vells Fargo Master Account	0.05	0.05	0.05	0.08	0.03	07/01/2012
90 Day U.S. Treasury Bill	0.06	0.06	0.06	0.08	0.06	
FMIT W&S Bonds, Series 2006	0.58	0.58	0.31	0.64	0.52	07/01/2012
BofA Merrill Lynch 1-3 Year Government	0.90	0.90	0.46	0.93	0.74	
MIT W&S Bonds, Series 2008	0.58	0.58	0.31	0.64	0.52	07/01/2012
BofA Merrill Lynch 1-3 Year Government	0.90	0.90	0.46	0.93	0.74	
MIT W&S Bonds, Series 2010	0.58	0.58	0.31	0.64	0.52	07/01/2012
BofA Merrill Lynch 1-3 Year Government	0.90	0.90	0.46	0.93	0.74	
Regions All Go Bonds	0.00	0.00	0.00	0.01	0.01	07/01/2012
90 Day U.S. Treasury Bill	0.06	0.06	0.06	0.08	0.06	
CRA - Sterling	N/A	N/A	N/A	N/A	0.22	03/01/2016



Total Fund Policy (TFP1)	
Allocation Mandate	Weight (%)
Jun-2012	
BofA Merrill Lynch 1-3 Year Government	100.00

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### **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.

### **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.

### 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.

### **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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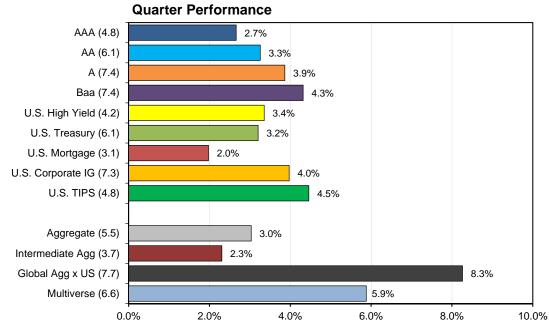
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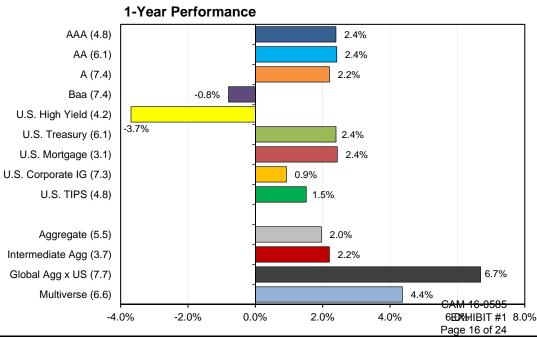
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CAM 16-0585 EXHIBIT #1 **1st Quarter 2016 Market Environment** 

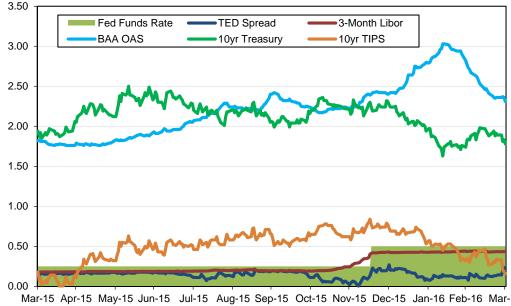
- Due to a steady downward move in interest rates during the 1st quarter, fixed income index performance was positive for the period. Fixed income indices benefitted from Federal Reserve Chair Janet Yellen's dovish comments in February and March, which implied uncertainty underlying the U.S. economic outlook would likely mitigate the pace of future interest rate hikes. This information resulted in a consensus expectation for two rate increases this year versus the prior expectation of four. This rate news, coupled with early quarter volatility in risk assets, fueled investor demand for defensive investments such as U.S. Treasuries. This series of events resulted in yields falling throughout the period, especially at the longer-end of the yield curve. This curve flattening benefited longer duration indices with the 7.3 year duration Barclays U.S. Corporate Investment Grade Index returning a solid 4.0% for the quarter. Over the 1-year period, lower quality issues struggled, with Baa and high yield indices registering losses of -0.8% and -3.7%, respectively, as investors preferred the relative safety of high credit quality issues.
- The Barclays Aggregate benchmark, which is a broad representation of U.S. fixed income markets, posted a return of 3.0% for the quarter. As detailed above, higher duration sectors within the broad Aggregate index outperformed lower duration sectors with investment grade corporates (4.0%) and Treasury securities (3.2%) posting the largest gains. Hurt by its relatively low duration, the Barclays U.S. Mortgage Index returned a lower 2.0% for the quarter. While the sector components of the Aggregate benchmark also posted positive returns for the 1-year period, Treasury and mortgage-backed issues were the strongest performing; each returning 2.4%. The Barclays U.S. Corporate Investment Grade Index returned 0.9%, negatively impacted by widening credit spreads throughout most of the period.
- Due to higher average durations and credit spreads that declined in the second half of the quarter, lower credit quality investment grade securities outperformed higher quality issues during the 1st quarter. A and Baa rated securities returned 3.9% and 4.3%, respectively, versus a 2.7% return for AAA issues. High yield bonds also had a strong quarter with the Barclays U.S. High Yield Index returning 3.4%. As noted, high yield spreads rose dramatically in the first half of the quarter causing the index to trade down by as much as 5.0% through early February but quickly changed course as the quarter progressed to end the period lower than where they began 2016. Despite the strong quarter, the Barclays U.S. High Yield Index returned 3.7% over the 1-year period.





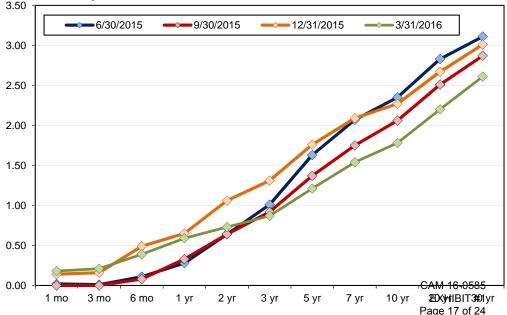
- U.S. TIPS finished the 1st quarter with a solid 4.5% return as inflation expectations rose as the USD weakened and commodity prices started to rebound. TIPS returns for the 1-year period, while positive, were a more modest 1.5%.
- In USD terms, international fixed income indices posted the largest gains for the quarter and 1-year period. Despite the relatively low interest rates in international markets, the Barclays Global Aggregate ex U.S. benchmark returned 8.3% for the guarter. The index benefitted from its higher duration, additional monetary policy easing and the weakening USD. Global bonds were also strong over the 1-year period, posting a return of 6.7%.
- Many of the drivers of the index performance detailed in the bar graphs on the previous page is visible on a time series basis in the line graphs to the right. The '1-Year Trailing Market Rates' graph illustrates that the 10-year Treasury (green line) fell over the quarter, providing a boost to bond performance. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread), which quantifies the additional yield premium that investors demand to purchase and hold non-Treasury issues. When spreads widen (tighten), it is equivalent to an interest rate increase (decrease) on corporate bonds. After falling below 2.0% early in 2015, this spread rose throughout the remainder of the calendar year. There was considerable movement in this spread from the start of 2016, as it widened to near term highs, before falling through the second half of the quarter, ending the period only slightly lower than it began. The interest rate paid on 10-year TIPS (orange line) has fallen since late last year as higher inflation expectations have increased demand for these securities. The bottom graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar quarters. While rates stayed relatively flat at the short-end of the curve, maturities beyond 3-years saw yields fall to their lowest quarter-end levels in a year.
- The Fed has stated future rate increases would be implemented at a measured pace and with ongoing assessment of current economic data. Geopolitical events and stimulus programs in other countries should keep demand for U.S. Treasury issues elevated and put downward pressure on how high domestic rates will rise in the short-term.

## 1-Year Trailing Market Rates



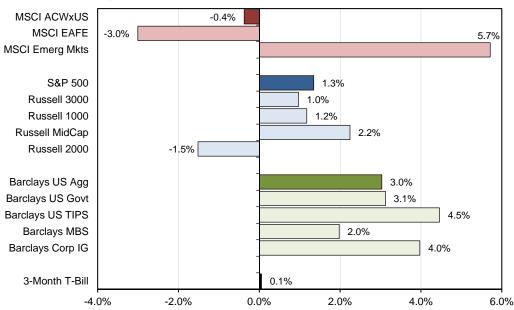
Mar-15 Apr-15 May-15 Jun-15 Jul-15 Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Feb-16 Mar-16

# **Treasury Yield Curve**

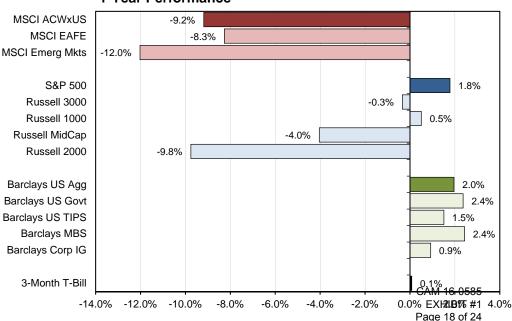


- The 1st quarter of 2016 proved volatile as broad equity markets declined significantly through the first half of the period due to global economic growth concerns, low and falling energy prices, and the prospect of rising interest rates in the U.S. At its lowest point on February 11, 2016, the S&P 500 had fallen by -10.3%. However, equity prices recovered through the second half of the quarter as investors reacted to improving economic data, a recovery in commodity prices, and various central bank announcements of continued monetary policy easing. As a result, the S&P 500 appreciated 13.0% through the end of March and finished the quarter with a return of 1.3%.
- Each of the U.S. stock market indices we track followed a similar pattern to the S&P 500 and were modestly positive through the 1st quarter with the exception of the Russell 2000, which returned -1.5% for the period. For the 1-year period, domestic large cap stock indices were the best performers, with the S&P 500 and Russell 1000 returning 1.8% and 0.5%, respectively, while domestic small- (-9.8%) and mid-capitalization (-4.0%) indices posted negative results for the period. In U.S. dollar (USD) terms, the MSCI Emerging Market (EM) Index (net) surged in the back half of the period, returning a solid 5.7% for the quarter. Developed international markets did not fare as well with the MSCI EAFE Index (net) finishing the quarter with a return of -3.0%. Both international benchmarks were weak over the 1-year period with the MSCI EAFE Index returning -8.3% and the MSCI EM Index returning -12.0%.
- The U.S. Treasury yield curve flattened throughout the 1st quarter. The drop in yields was primarily caused by U.S. Federal Reserve (Fed) indications they would likely be slowing their expected pace of future interest rate increases, as well as an increased demand for safe haven assets, as the volatility in the equity markets pushed investors away from risk assets. As a result, U.S. fixed income markets were positive across maturities and qualities for the period. The broad market Barclays U.S. Aggregate Index returned a solid 3.0% during the quarter. This broad market performance was led by investment grade corporates which benefitted from their higher duration as wells as interest rate spreads that declined significantly in the second half of the quarter. U.S. Treasury Inflation Protected Securities (TIPS) returned 4.5% for the quarter and were aided by higher inflation expectations (lower TIPS yields) and increased commodity prices. Global fixed income indices outperformed their U.S. counterparts in USD terms with a tailwind from both falling interest rates and a weakening USD.

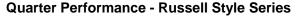
### **Quarter Performance**

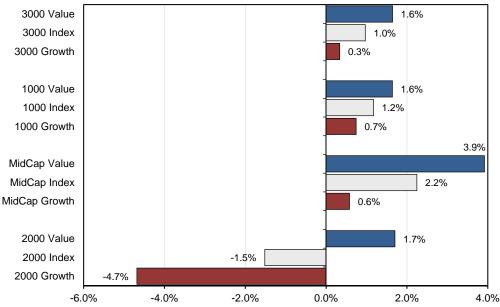


### 1-Year Performance

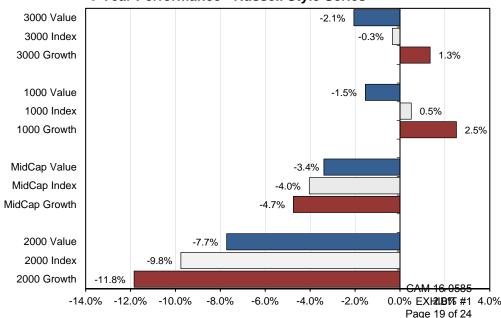


- U.S. macroeconomic data fueled domestic equity returns for the 1st quarter. Early on, concerns about U.S. GDP growth, growing initial jobless claims, weakness in U.S. manufacturing, low oil prices, and the potential for a steady pattern of interest rate hikes resulted in considerable downside momentum for U.S. equity indices. However, as the quarter progressed, employment and income data appeared stronger, moving to a post-recession low, and regional manufacturing surveys showed signs of improvement. In addition, oil prices rebounded from a low of \$26/barrel in February to \$38/barrel at the end of March, and, despite signs of rising inflation, the Fed lowered its median projection for the number of interest rate increases in 2016 from four to only two.
- Domestic equity index performance was largely positive during the 1st quarter. Value stocks outperformed growth stocks across the capitalization spectrum reversing a persistent trend of growth style outperformance. This shift was likely due to investors seeking the relative safety and stability of value stocks given the turbulent start to the year. Mid cap value stocks were the best performers across the value spectrum, returning 3.9% during the period. Small cap value (1.7%) and large cap value (1.6%) benchmarks posted similar results but were up less than half of the MidCap Index's performance. Within the growth spectrum, large cap stocks were the best performers (0.7%), followed by mid cap stocks (0.6%). The Russell 2000 Growth Index was the largest underperformer, returning -4.7% for the quarter, substantially trailing other indices.
- Large cap stocks, as represented by the Russell 1000's return of 0.5%, posted the only positive core index performance over the 1-year period. However, style bias was mixed. The Russell 1000 Growth Index was the best performer, returning 2.5% for the year. In contrast, the growth indices for both mid (-4.7%) and small (-11.8%) cap stocks posted negative results and underperformed their respective value benchmarks.
- Despite their underperformance over the 1-year period, from a valuation perspective, current Price/Earnings ratios (P/E) for value indices appear stretched relative to their long-term (20-year) averages. The mid cap value index appears most expensive at 122% of its long-term average. In contrast, current P/E valuations for the growth indices fall between 90% and 95% of their historical long-term averages.

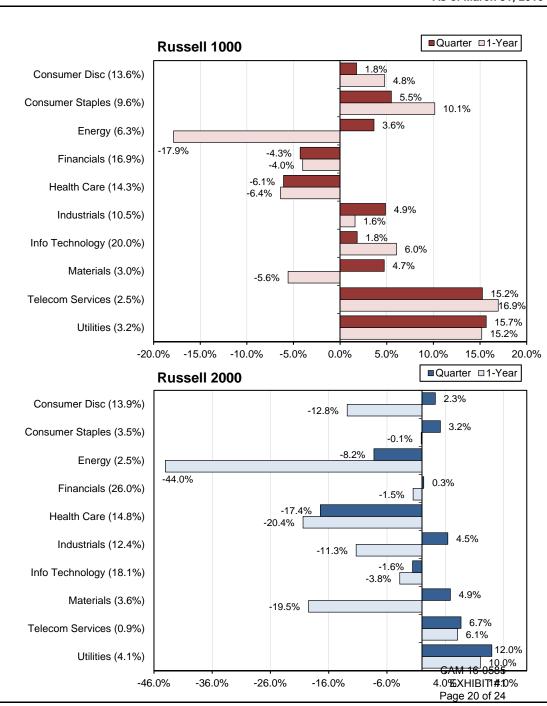




# 1-Year Performance - Russell Style Series



- Large cap sector performance was generally positive for the 1st quarter with eight of the ten economic sectors within the Russell 1000 Index posting gains. The Health Care and Financials sectors were the only laggards returning -6.1% and -4.3% respectively. Health Care losses were led by the struggling biotech industry as stock prices reacted to increased political discussion surrounding drug price reform. An increased likelihood of low interest rates in the near-term hurt the earnings outlook for Financials. The strongest performing sectors for the quarter were the relatively defensive Utilities (15.7%), Telecom Services (15.2%) and Consumer Staples (5.5%) sectors. These sectors benefitted from their lower perceived risk and higher dividend yields as investors sought shelter from the quarter's early volatility. Over the 1-year period, six of ten economic sectors in the large cap index had positive performance, with the defensive sectors, largely due to performance in the 1st quarter, posting the strongest returns. On the negative side, the oil price driven Energy sector was the worst performer by a sizable margin returning -17.9% for the period. Health Care (-6.4%), Financials (-4.0%), and Materials (-5.6%) were also negative for the 1-year period.
- Small cap sector returns were, by and large, worse than corresponding large cap sector returns. Similar to large cap sectors, small cap sector performance was largely positive for the quarter. However, in contrast to the large cap benchmark's balanced sector results, only the small cap index's two most defensive sectors, Utilities (10.0%) and Telecom Services (6.1%), managed to post positive returns over the 1-year period. Much like the Russell 1000, the Energy sector posted the Russell 2000's weakest 1-year sector performance, returning -44.0%. Health Care (-20.4%), Materials (-19.5%), Consumer Discretionary (-12.8%), and Industrials (-11.3%) also posted double-digit losses for the period.
- Using the S&P 500 as a proxy, trailing P/E ratios for six GICS sectors were below their 20-year averages at quarter-end. The Telecom Services and Financials sectors were trading at the largest discount to their long-term average P/E ratios. Conversely, Energy and Utilities sector valuations were the most extended relative to their historical P/E ratios.



Top 10 Weighted Stocks						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Apple Inc	3.08%	4.1%	-10.8%	Information Technology		
Microsoft Corp	2.19%	0.3%	39.5%	Information Technology		
Exxon Mobil Corporation	1.71%	8.2%	1.9%	Energy		
Johnson & Johnson	1.47%	6.1%	10.8%	Health Care		
General Electric Co	1.47%	2.9%	32.4%	Industrials		
Berkshire Hathaway Inc B	1.29%	7.5%	-1.7%	Financials		
Facebook Inc A	1.21%	9.0%	38.8%	Information Technology		
AT&T Inc	1.17%	15.4%	26.9%	Telecommunication Services		
Amazon.com Inc	1.11%	-12.2%	59.5%	Consumer Discretionary		
Wells Fargo & Co	1.10%	-10.3%	-8.6%	Financials		

Top 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
United States Steel Corp	0.01%	102.5%	-33.2%	Materials		
Cliffs Natural Resources Inc	0.00%	89.9%	-37.6%	Materials		
3D Systems Corp	0.01%	78.0%	-43.6%	Information Technology		
JC Penney Co Inc	0.02%	66.1%	31.5%	Consumer Discretionary		
SPX Corp	0.00%	61.0%	-28.3%	Industrials		
Freeport-McMoRan Inc	0.06%	52.7%	-44.5%	Materials		
Newmont Mining Corp	0.07%	47.9%	23.0%	Materials		
Allegheny Technologies Inc	0.01%	45.6%	-44.2%	Materials		
Urban Outfitters Inc	0.01%	45.5%	-27.5%	Consumer Discretionary		
Kate Spade & Co	0.02%	43.6%	-23.6%	Consumer Discretionary		

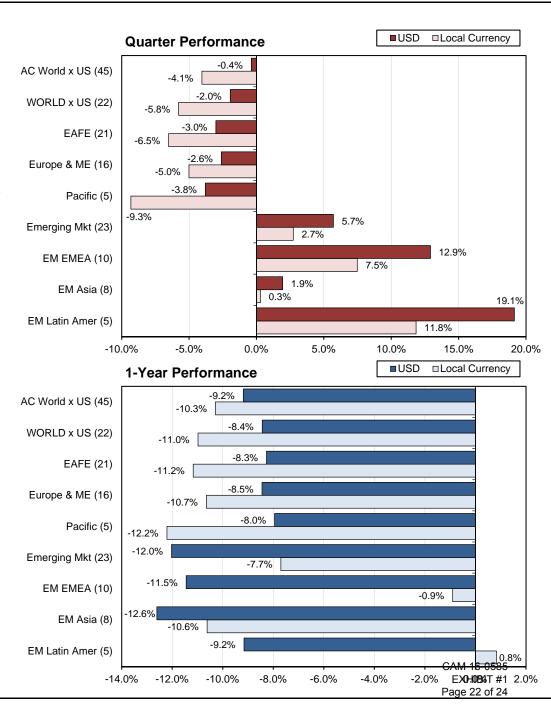
Bottom 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
SunEdison Inc	0.00%	-89.4%	-97.7%	Information Technology	
Ultra Petroleum Corp	0.00%	-80.1%	-96.8%	Energy	
SandRidge Energy Inc	0.00%	-71.9%	-96.8%	Energy	
Peabody Energy Corp	0.00%	-69.8%	-96.9%	Energy	
Ocwen Financial Corp	0.00%	-64.6%	-70.1%	Financials	
Puma Biotechnology Inc	0.00%	-62.5%	-87.6%	Health Care	
Alkermes PLC	0.02%	-56.9%	-43.9%	Health Care	
California Resources Corp	0.00%	-55.8%	-86.4%	Energy	
Endo International PLC	0.03%	-54.0%	-68.6%	Health Care	
SolarCity Corp	0.01%	-51.8%	-52.1%	Industrials	

Top 10 Weighted Stocks					
Russell 2000	Weight 1-Qtr 1-Year Return Sect		Sector		
STERIS PLC	0.37%	-5.3%	2.6%	Health Care	
CubeSmart	0.34%	9.4%	41.5%	Financials	
West Pharmaceutical Services Inc	0.31%	15.4%	16.1%	Health Care	
Treehouse Foods Inc	0.30%	10.6%	2.0%	Consumer Staples	
Vail Resorts Inc	0.30%	5.1%	32.3%	Consumer Discretionary	
Piedmont Natural Gas Co Inc	0.29%	5.5%	66.9%	Utilities	
MarketAxess Holdings Inc	0.29%	12.1%	51.9%	Financials	
Sovran Self Storage Inc	0.28%	10.8%	29.9%	Financials	
Highwoods Properties Inc	0.28%	10.8%	8.7%	Financials	
Casey's General Stores Inc	0.27%	-5.7%	26.9%	Consumer Staples	

Top 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Vantage Drilling Co	0.00%	551.4%	-94.7%	Energy	
American Eagle Energy Corp	0.00%	345.5%	-97.3%	Energy	
Walter Energy Inc	0.00%	177.7%	-95.0%	Materials	
Ultrapetrol Bahamas Ltd	0.00%	157.1%	-81.4%	Industrials	
Coeur Mining Inc	0.05%	126.6%	19.3%	Materials	
Bio-Path Holdings Inc	0.00%	107.2%	43.9%	Health Care	
EnerNOC Inc	0.01%	94.3%	-34.4%	Information Technology	
Cliffs Natural Resources Inc	0.03%	89.9%	-37.6%	Materials	
SunCoke Energy Inc	0.03%	87.3%	-54.1%	Materials	
Nanoviricides Inc	0.00%	85.6%	-2.7%	Health Care	

Bottom 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
RCS Capital Corp Class A	0.00%	-96.5%	-99.9%	Financials	
Horsehead Holding Corp	0.00%	-92.7%	-98.8%	Materials	
Eagle Bulk Shipping Inc	0.00%	-89.8%	-95.1%	Industrials	
6D Global Technologies Inc	0.00%	-89.7%	-96.2%	Information Technology	
Eleven Biotherapeutics Inc	0.00%	-89.4%	-96.4%	Health Care	
Speed Commerce Inc	0.00%	-88.9%	-98.9%	Information Technology	
CHC Group Ltd	0.00%	-85.0%	-97.6%	Energy	
Noranda Aluminum Holding Corp	0.00%	-82.8%	-99.7%	Materials	
Midstates Petroleum Co Inc	0.00%	-82.4%	-95.8%	Energy CAM 16-0585	
Carbylan Therapeutics Inc	0.00%	-82.2%	N/A	Health Care EXHIBIT #1	
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- Like their domestic counterparts, the 1st quarter of the year was very volatile for international stocks. The beginning of the quarter was difficult across markets as investors struggled with uncertainty surrounding central bank policies, global economic growth, and commodity prices. As is usual, this uncertainty caused investors to flee risk assets, putting downward pressure on equity prices. Markets began to recover in the latter half of the quarter as the Bank of Japan (BoJ), People's Bank of China (PBoC), and European Central Bank (ECB) were just a few of those announcing new measures aimed at stimulating their economies. Developed markets struggled throughout the quarter while emerging markets managed to reverse their persistent trend of underperformance as commodity prices rebounded and the USD weakened. The weaker USD provided a boost to local currency returns across major international indices. For the 1-year period, USD performance for each of the international indices we track was negative. Developed markets returned a weak -8.3% for the 1-year period, but emerging markets fared even worse with a return of -12.0%.
- Despite relief from the ECB's announcement of additional monetary policy easing, developed markets in Europe were negative for the quarter. Weak GDP growth, below target inflation, and security concerns stemming from the March terrorist attacks in Brussels all impacted returns. Stress was compounded when the U.K. called for a referendum to review the country's continued membership in the European economic bloc. Within the emerging and developed market indices, Greece and Italy were the worst performers posting USD returns of -12.2% and -11.7%, respectively, for the quarter.
- Japanese equities, the developed market index's largest component, struggled for the quarter posting a return of -6.5% in USD and -12.5% in local currency. Investors weighed ongoing global macroeconomic uncertainty and began to lose faith in the ability of "Abenomics" to lift the country out of its growth malaise. Japanese market returns were also affected by the BoJ's unexpected move to a negative interest rate policy at the end of January, making it the sixth central bank to do so, in an attempt to stimulate economic growth and place upward pressure on inflation. Investors in Chinese markets had an exceptionally difficult start to the year as a new circuit breaking mechanism forced an early market close twice in January. The recent round of market turbulence stemmed from fears of the impending expiration of selling restrictions on major shareholders, which were later extended, and a weakening Chinese yuan.



MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	13.2%	-4.3%	-10.0%
Consumer Staples	12.7%	3.3%	7.3%
Energy	4.7%	4.7%	-10.4%
Financials	23.8%	-9.6%	-16.3%
Health Care	11.5%	-6.5%	-8.0%
Industrials	13.3%	1.7%	-3.7%
Information Technology	5.3%	-4.1%	-6.5%
Materials	6.7%	2.6%	-17.4%
Telecommunication Services	5.1%	0.3%	1.3%
Utilities	3.9%	0.4%	-0.1%
Total	100.0%	-3.0%	-8.3%
MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.0%	-2.6%	-10.1%
Consumer Staples	11.2%	4.1%	5.2%
Energy	6.4%	9.8%	-10.6%
Financials	25.8%	-5.0%	-14.7%
Health Care	8.8%	-7.5%	-11.3%
Industrials	11.5%	2.3%	-5.7%
Information Technology	8.5%	0.7%	-8.0%
Materials	6.9%	7.2%	-15.4%
Telecommunication Services	5.3%	2.5%	-3.6%
Utilities	3.6%	2.4%	-2.6%
Total	100.0%	-0.4%	-9.2%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	9.8%	3.1%	-12.1%
Consumer Staples	8.3%	6.3%	-5.3%
Energy	7.7%	14.9%	-7.0%
Financials	27.4%	3.4%	-15.7%
Health Care	2.7%	-0.4%	-11.6%
Industrials	6.8%	3.1%	-15.3%
Information Technology	20.7%	4.9%	-10.0%
Materials	6.6%	15.4%	-7.6%
Telecommunication Services	6.9%	6.6%	-15.4%
Utilities	3.2%	9.2%	-10.7%
Total	100.0%	5.7%	-12.0%

	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
lapan	22.5%	16.1%	-6.5%	-7.1%
Jnited Kingdom	19.3%	13.8%	-2.3%	-8.9%
rance	10.0%	7.2%	0.1%	-4.5%
Germany	9.2%	6.6%	-2.5%	-11.7%
Switzerland	9.1%	6.5%	-5.5%	-9.4%
Australia	7.2%	5.1%	2.1%	-10.8%
long Kong	3.3%	2.4%	-0.6%	-6.7%
Spain	3.2%	2.3%	-4.1%	-18.6%
letherlands	3.1%	2.2%	3.4%	-0.2%
Sweden	2.9%	2.1%	-0.2%	-9.9%
taly	2.2%	1.6%	-11.7%	-15.4%
Denmark	2.0%	1.4%	-1.0%	5.5%
Belgium	1.5%	1.0%	-2.4%	3.2%
Singapore	1.4%	1.0%	5.1%	-11.9%
Finland	1.0%	0.7%	-5.2%	-5.6%
srael	0.7%	0.5%	-10.2%	-9.0%
Vorway	0.6%	0.4%	1.7%	-15.5%
reland	0.5%	0.4%	-4.2%	7.8%
Austria	0.2%	0.1%	-0.5%	-0.2%
New Zealand	0.2%	0.1%	11.6%	6.5%
Portugal	0.2%	0.1%	3.2%	-2.9%
otal EAFE Countries	100.0%	71.6%	-3.0%	-8.3%
Canada	1001070	6.6%	11.3%	-10.2%
Total Developed Countries		78.2%	-2.0%	-8.4%
China		5.2%	-4.8%	-18.8%
Corea		3.4%	5.1%	-5.9%
aiwan		2.7%	7.7%	-8.5%
ndia		1.8%	-2.5%	-13.2%
South Africa		1.6%	13.8%	-17.8%
Brazil		1.4%	28.5%	-11.8%
Mexico		1.0%	8.5%	-5.3%
Russia		0.8%	15.8%	1.7%
Malaysia		0.8%	13.2%	-8.0%
ndonesia		0.6%	11.2%	-12.5%
hailand		0.5%	16.9%	-12.7%
urkey		0.3%	21.6%	-1.6%
Philippines		0.3%	7.0%	-9.3%
Poland		0.3%	13.9%	-12.4%
Chile		0.3%	12.9%	-6.9%
Qatar		0.3%	3.8%	-13.7%
Jnited Arab Emirates		0.2%	8.6%	-5.9%
Colombia		0.1%	22.5%	-11.9%
Peru		0.1%	27.0%	-7.7%
Preece		0.1%	-12.2%	-52.0%
lungary		0.1%	17.3%	40.2%
czech Republic		0.1%	5.1%	-11.5%
· · · · · · · · · · · · · · · · · · ·		0.0%	-5.9%	-29.1%
Egypt  Total Emerging Countries			-5.9% 5.7%	-29.1% CAM 16 <sub>1</sub> 0585
Total Emerging Countries		21.9%		EXHIBIT #1
Total ACWIxUS Countries		100.0%	-0.4%	Page 23 of 24



# Orlando

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Chicago Cleveland Detroit Pittsburgh Tulsa