

City of Fort Lauderdale Operating Funds

Investment Performance Review

December 31, 2015



Investment Performance Review
City of Fort Lauderdale
As of December 31, 2015

Investment Performance Review

	Market Value	Current Quarter	Trailing 12 Months	Fiscal Year Projected Rate of Return
Total City Operating Funds	\$558,297,655	-0.21%	0.56%	0.45%
Benchmark		-0.43%	0.55%	
OPEB Trust Fund	\$11,806,245	0.01%	0.05%	
Benchmark		0.00%	0.01%	
Cemetery Trust Funds	\$25,297,508	1.96%	-0.21%	5.00%
Benchmark		3.01%	0.96%	
General Employee Retirement System (GERS)	\$569,150,644	2.40%	-3.9%	7.50%
Benchmark		4.30%	-1.1%	
Police & Fire Retirement System (PFRS)	\$796,754,556	2.43%	1.25%	7.50%
Benchmark		3.65%	1.55%	

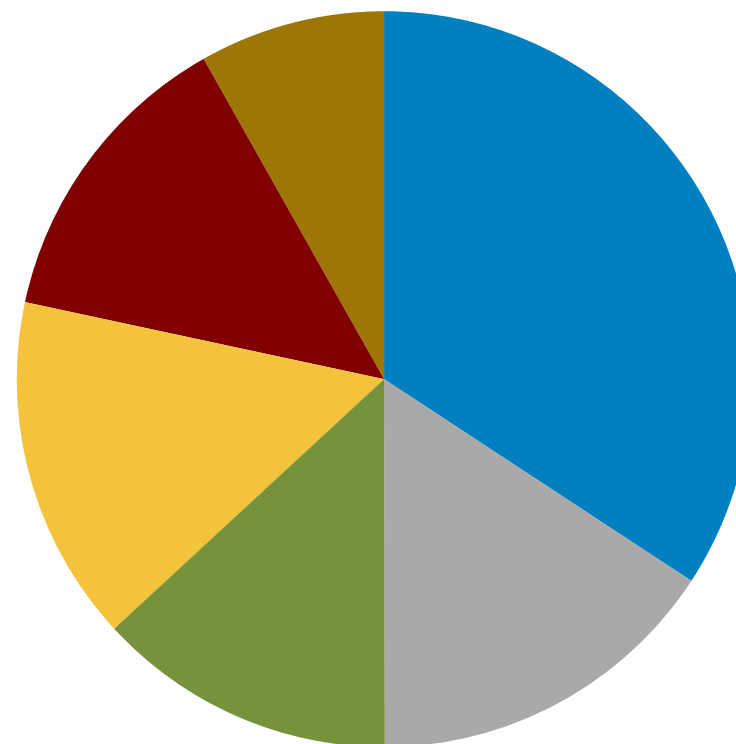
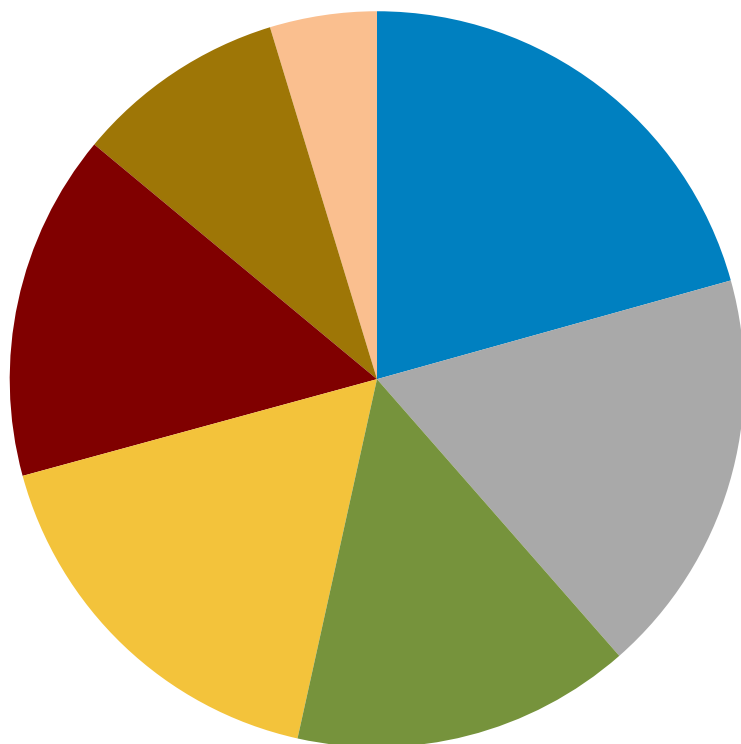
Investment Performance Review							
Authorized Investments	Sterling Enhanced Cash	Wells Fargo S/T Fixed (1-3yr)	Garcia Hamilton S/T Fixed (1-3yr)	Sawgrass Short (1-5yr)	FMIT (1-3) Year	Wells Fargo (Cash Accounts)	Regions (Bond Accounts)
Cash & Money Market Accounts	0.13%	0.51%	0.22%	4.02%	0.00%	100.00%	0.00%
Money Market Funds	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Local Govt Investment Pool	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
US Treasury Bond/ Note	8.13%	30.99%	36.40%	45.28%	0.00%	0.00%	0.00%
Federal Agency Bond/Note	44.95%	23.33%	48.02%	17.43%	0.00%	0.00%	0.00%
Federal Agency MBS/CMO/CMBS	1.31%	1.92%	0.00%	1.55%	0.00%	0.00%	0.00%
Municipal Bond/Note	10.77%	8.71%	0.00%	0.00%	0.00%	0.00%	0.00%
Corporate Note	34.70%	34.55%	15.36%	31.73%	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	0.71%	1.20%	1.44%	1.49%	1.13%	0.00%	0.01%
Current Portfolio Yield	1.85%	1.19%	2.45%	1.37%			

**City of Fort Lauderdale
As of December 31, 2015**

Authorized Investments	Allowable Range	Allocation	Percent of Portfolio
Cash & Money Market Accounts	0% - 100%	\$166,363,281	29.8%
Money Market Funds	0% - 75%	\$14,640,121	2.6%
Local Govt Investment Pool	0% - 25%	\$59,826,403	10.7%
US Treasury Bond/ Note	0% - 100%	\$99,376,039	17.8%
Federal Agency Bond/Note	0% - 100%	\$107,940,282	19.3%
Federal Agency MBS/CMO/CMBS	0% - 25%	\$3,713,446	0.7%
Municipal Bond/Note	0% - 25%	\$14,493,854	2.6%
Corporate Note	0% - 30%	\$91,944,230	16.5%
Commercial Paper	0% - 25%	\$0	0.0%
		\$558,297,656	100.00%

September 30, 2015 : \$493,457,152

December 31, 2015 : \$558,297,655



Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Total Operating and Restricted Funds	102,020,312	20.7	■ Total Operating and Restricted Funds	191,102,393	34.2
■ Garcia Short Duration Opportunistic	88,164,732	17.9	■ Garcia Short Duration Opportunistic	87,878,779	15.7
■ Wells Cap 1-3 yr Short Duration	73,685,923	14.9	■ Wells Cap 1-3 yr Short Duration	73,502,702	13.2
■ Sawgrass 1-5 yr Short Term	85,332,963	17.3	■ Sawgrass 1-5 yr Short Term	85,029,604	15.2
■ Sterling Enhanced Cash	75,231,425	15.2	■ Sterling Enhanced Cash	75,132,486	13.5
■ FMIT Other Bonds & Subsidiary Account	45,776,313	9.3	■ FMIT Other Bonds & Subsidiary Account	45,651,692	8.2
■ Wells Short Term Account	23,245,484	4.7	■ Wells Short Term Account	-	0.0

Asset Allocation Attributes						
	Domestic Fixed Income		Cash Equivalent		Total Fund	
	(\$)	%	(\$)	%	(\$)	%
Surplus Funds	362,100,317	98.61	5,094,946	1.39	367,195,262	65.77
Garcia Short Duration Opportunistic	87,118,677	99.14	760,102	0.86	87,878,779	15.74
Sawgrass 1-5 yr Short Term	81,705,817	96.09	3,323,787	3.91	85,029,604	15.23
Sterling Enhanced Cash	74,690,545	99.41	441,941	0.59	75,132,486	13.46
Wells Cap 1-3 yr Short Duration	72,933,586	99.23	569,116	0.77	73,502,702	13.17
FMIT Other Bonds & Subsidiary Account	45,651,692	100.00	-	-	45,651,692	8.18
Total Operating and Restricted Funds	14,174,711	7.42	176,927,681	92.58	191,102,393	34.23
Wells Fargo Master Account	-	-	162,287,561	100.00	162,287,561	29.07
FMIT W&S Bonds, Series 2006	4,310,988	100.00	-	-	4,310,988	0.77
FMIT W&S Bonds, Series 2008	4,549,838	100.00	-	-	4,549,838	0.81
FMIT W&S Bonds, Series 2010	5,313,886	100.00	-	-	5,313,886	0.95
Regions All Go Bonds	-	-	14,640,121	100.00	14,640,121	2.62
Total Fund Composite	376,275,028	67.40	182,022,627	32.60	558,297,655	100.00

Financial Reconciliation
Total Fund
1 Quarter Ending December 31, 2015

Financial Reconciliation								
	Market Value 10/01/2015	Net Transfers	Contributions	Distributions	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2015
Surplus Funds	391,436,840	-	-	-23,249,108	-	1,554,794	-2,547,263	367,195,262
Garcia Short Duration Opportunistic	88,164,732	-	-	-	-	651,995	-937,947	87,878,779
Sawgrass 1-5 yr Short Term	85,332,963	-	-	-	-	278,330	-581,689	85,029,604
Sterling Enhanced Cash	75,231,425	-	-	-	-	345,037	-443,976	75,132,486
Wells Cap 1-3 yr Short Duration	73,685,923	-	-	-	-	275,808	-459,030	73,502,702
FMIT Other Bonds & Subsidiary Account	45,776,313	-	-	-	-	-	-124,621	45,651,692
Wells Short Term Account	23,245,484	-	-	-23,249,108	-	3,625	-1	-
Total Operating and Restricted Funds	102,020,312	-	266,716,799	-177,596,737	-	714	-38,695	191,102,393
Wells Fargo Master Account	74,783,964	-	265,099,949	-177,596,737	-	386	-	162,287,561
FMIT W&S Bonds, Series 2006	4,322,756	-	-	-	-	-	-11,768	4,310,988
FMIT W&S Bonds, Series 2008	4,562,258	-	-	-	-	-	-12,420	4,549,838
FMIT W&S Bonds, Series 2010	5,328,392	-	-	-	-	-	-14,506	5,313,886
Regions All Go Bonds	13,022,942	-	1,616,850	-	-	328	-	14,640,121
Total Fund Composite	493,457,152	-	266,716,799	-200,845,845	-	1,555,508	-2,585,958	558,297,655

Financial Reconciliation

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Surplus Funds	391,436,840	-	-	-23,249,108	-	1,554,794	-2,547,263	367,195,262
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Wells Cap 1-3 yr Short Duration	73,685,923	-	-	-	-	275,808	-459,030	73,502,702
FMIT Other Bonds & Subsidiary Account	45,776,313	-	-	-	-	-	-124,621	45,651,692
Wells Short Term Account	23,245,484	-	-	-23,249,108	-	3,625	-1	-
Total Operating and Restricted Funds	102,020,312	-	266,716,799	-177,596,737	-	714	-38,695	191,102,393
Wells Fargo Master Account	74,783,964	-	265,099,949	-177,596,737	-	386	-	162,287,561
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Total Fund Composite	493,457,152	-	266,716,799	-200,845,845	-	1,555,508	-2,585,958	558,297,655

Comparative Performance

	QTR		YTD		FYTD		1 YR		Inception		Inception Date
Total Fund Composite	-0.21		0.56		-0.21		0.56		0.54		07/01/2012
Surplus Funds	-0.26		0.78		-0.26		0.78		0.77		04/01/2013
Barclays 1-3 Govt	-0.43		0.57		-0.43		0.57		0.53		
Garcia Short Duration Opportunistic	-0.32	(82)	1.14	(27)	-0.32	(82)	1.14	(27)	1.30	(13)	04/01/2013
BofAML 1-3 Yr. Gov/Corp A Rated & Above	-0.36	(86)	0.66	(88)	-0.36	(86)	0.66	(88)	0.64	(88)	
IM U.S. Short Duration Fixed Income (SA+CF) Median	-0.21		0.93		-0.21		0.93		0.93		
Sawgrass 1-5 yr Short Term	-0.36	(85)	0.96	(45)	-0.36	(85)	0.96	(45)	0.85	(62)	04/01/2013
BofA Merrill Lynch 1-5 Yr Gov/Corp A Rated & Above	-0.56	(99)	1.07	(30)	-0.56	(99)	1.07	(30)	0.85	(62)	
IM U.S. Short Duration Fixed Income (SA+CF) Median	-0.21		0.93		-0.21		0.93		0.93		
Sterling Enhanced Cash	-0.13	(95)	0.63	(33)	-0.13	(95)	0.63	(33)	0.61	(43)	04/01/2013
1 Year U.S. Treasury Note	-0.19	(97)	-0.07	(100)	-0.19	(97)	-0.07	(100)	0.02	(100)	
IM U.S. Cash Fixed Income (SA+CF) Median	0.04		0.47		0.04		0.47		0.48		
Wells Cap 1-3 yr Short Duration	-0.25	(62)	0.74	(81)	-0.25	(62)	0.74	(81)	0.66	(86)	04/01/2013
BofAML 1-3 Yr. Gov/Corp A Rated & Above	-0.36	(86)	0.66	(88)	-0.36	(86)	0.66	(88)	0.64	(88)	
IM U.S. Short Duration Fixed Income (SA+CF) Median	-0.21		0.93		-0.21		0.93		0.93		
FMIT Other Bonds & Subsidiary Account	-0.27		0.37		-0.27		0.37		0.40		07/01/2012
BofA Merrill Lynch 1-3 Year Government	-0.43		0.55		-0.43		0.55		0.54		

Returns for periods greater than one year are annualized.

Returns are expressed as percentages.

New account managers inception for performance will be reflected as 4/1/2013.

Comparative Performance

Total Fund

As of December 31, 2015

	QTR	YTD	FYTD	1 YR	Inception	Inception Date
Total Operating and Restricted Funds	-0.05	0.05	-0.05	0.05	0.08	07/01/2012
90 Day U.S. Treasury Bill	0.00	0.03	0.00	0.03	0.05	
Wells Fargo Master Account	0.00	0.04	0.00	0.04	0.02	07/01/2012
90 Day U.S. Treasury Bill	0.00	0.03	0.00	0.03	0.05	
FMIT W&S Bonds, Series 2006	-0.27	0.37	-0.27	0.37	0.40	07/01/2012
BofA Merrill Lynch 1-3 Year Government	-0.43	0.55	-0.43	0.55	0.54	
FMIT W&S Bonds, Series 2008	-0.27	0.37	-0.27	0.37	0.40	07/01/2012
BofA Merrill Lynch 1-3 Year Government	-0.43	0.55	-0.43	0.55	0.54	
FMIT W&S Bonds, Series 2010	-0.27	0.37	-0.27	0.37	0.40	07/01/2012
BofA Merrill Lynch 1-3 Year Government	-0.43	0.55	-0.43	0.55	0.54	
Regions All Go Bonds	0.00	0.01	0.00	0.01	0.01	07/01/2012
90 Day U.S. Treasury Bill	0.00	0.03	0.00	0.03	0.05	

Returns for periods greater than one year are annualized.
Returns are expressed as percentages.
New account managers inception for performance will be reflected as 4/1/2013.

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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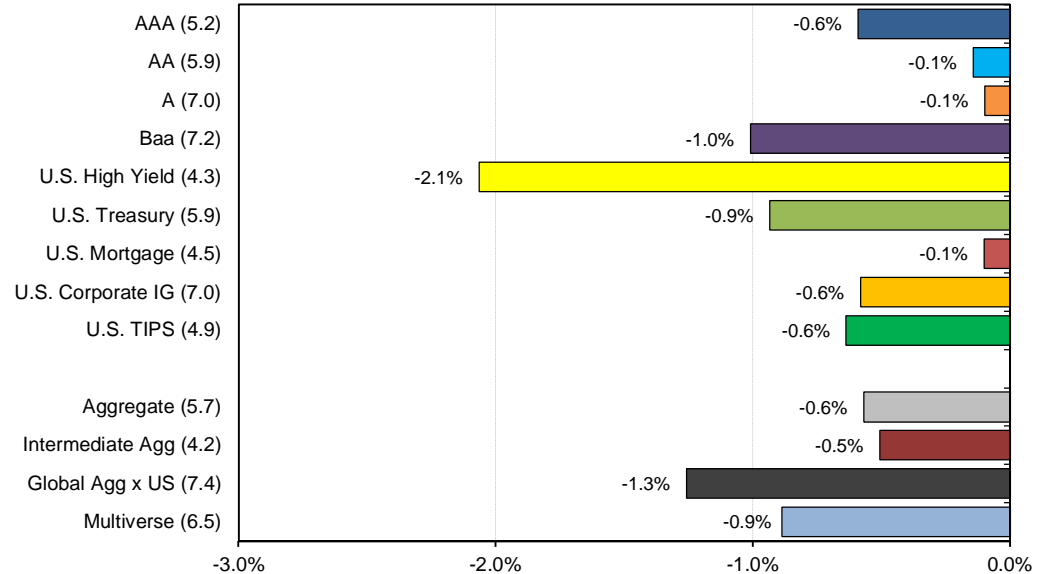
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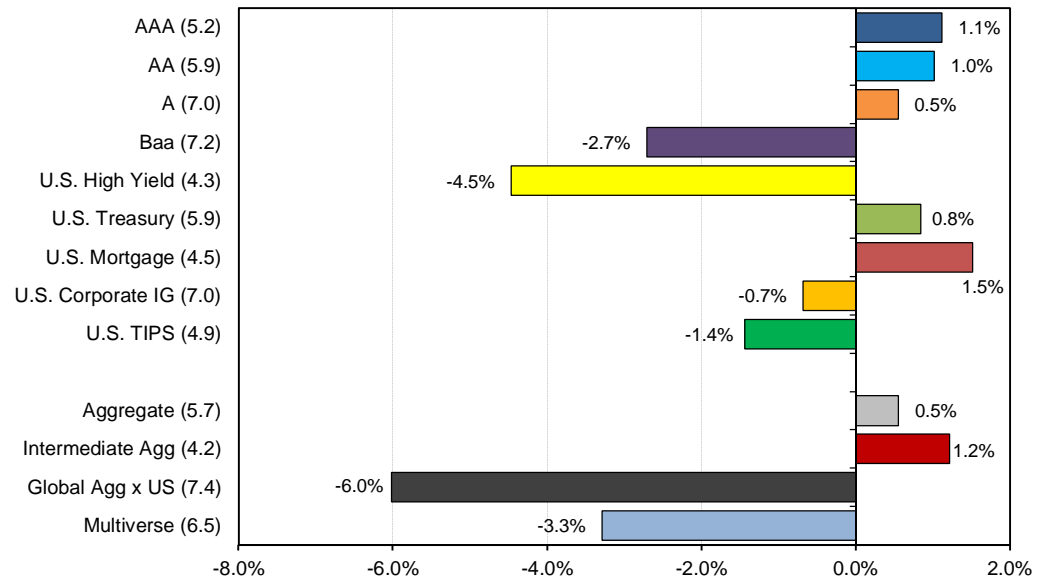
4th Quarter 2015 Market Environment

- Fixed income index performance was modestly negative for the 4th quarter. Much of the quarter's negative performance was attributable to the market's anticipation and reaction to the Fed's December decision to raise the Federal Funds Rate by 25 bps. This shift in monetary policy represented both an end to the Fed's seven year (December 2008) zero-interest rate policy and the first rate increase in nearly ten years (July 2006). The Fed's action caused a flattening of the U.S. Treasury yield curve with short-term yields rising more than long-term rates. Despite the larger increase in rates at the short end of the yield curve, longer-dated maturity issues underperformed due to their higher durations and the resulting greater sensitivity to interest rate increases. The calendar year's fixed income results were mixed with high-quality issues posting small, positive results, while lower-quality and international bonds posted negative performance for the year.
- The broad market Aggregate benchmark posted a return of -0.6% for the quarter. Within the Aggregate index, the mortgage index, aided by its lower duration, was down less than Treasury and corporate issues during the quarter. While the Treasury and mortgage indices finished the year with positive returns, the combined impact of rate increases on the Treasury yield curve, and widening credit spreads during the second half of the year, caused the investment grade corporate index to end the year in negative territory. Due to persistent strength in the USD throughout 2015, unhedged global bond index performance lagged broad domestic index returns for both the quarter and the calendar year.
- Lower credit quality and high yield indices underperformed other domestic indices for both the 4th quarter and the trailing year. Within both bond market segments, issues in energy and commodity related companies were hit particularly hard as credit spreads widened substantially in these industries. While theoretical liquidity concerns in the bond market had been expressed due to structural changes in trading and inventory since the financial crisis, these concerns became a reality during the quarter when the Third Avenue Focused Credit Fund (TFCVX) abruptly closed and suspended investor redemptions in order to liquidate the fund's high yield, illiquid positions in an orderly fashion. Only time will tell if this problem was due to excessive risk taking by the single fund or if it is more endemic of the overall structure of the high yield market.

Quarter Performance

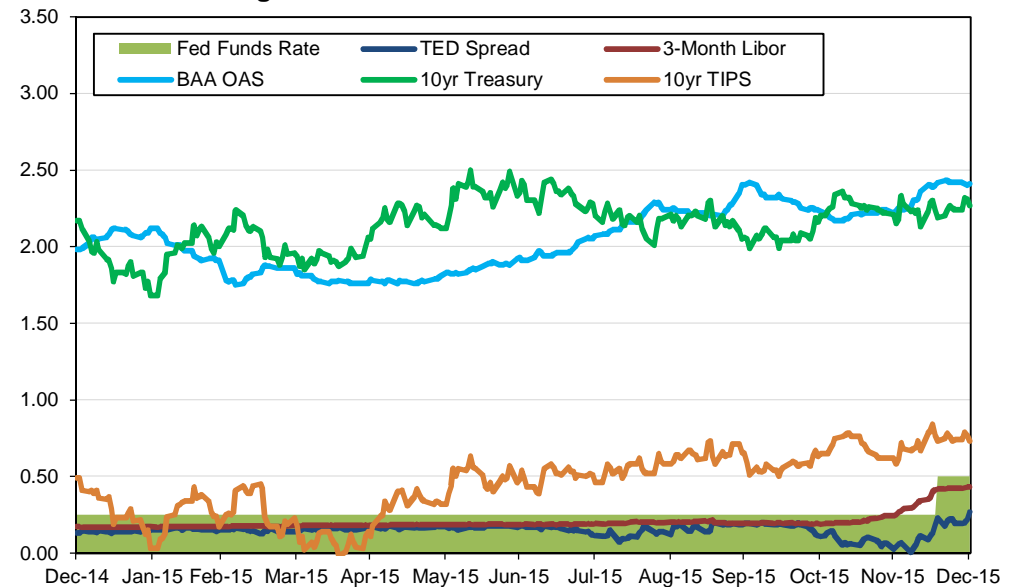


1-Year Performance

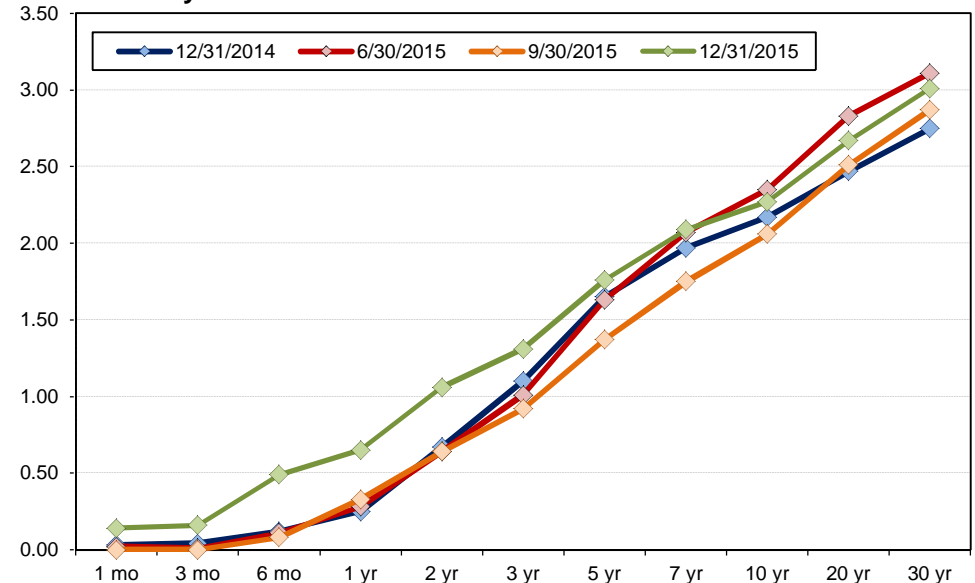


- U.S. Treasury Inflation Protected Securities (TIPS) finished the quarter and year in negative territory returning -0.6% and -1.4%, respectively. Current inflation readings continue to fall below the Fed's 2.0% target, and future inflation expectations are tempered by a strong USD and the deflationary pressures of falling energy and commodity prices.
- 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 (green line) rose over the quarter and ended the year slightly higher than where it started. 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. After falling below 2.0% early in 2015, this spread rose throughout the remainder of the year. This "spread-widening" is equivalent to an interest rate increase on corporate bonds, which creates drag on realized corporate bond returns. Finally, the Federal Funds Rate (light green shading) has a small uptick on the right of the graph showing the Fed's announcement to end its zero interest rate policy. The lower graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar quarters. Maturities out to seven years ended 2015 at their highest levels of the year while 10-, 20-, and 30-year maturities issues finished the year marginally lower than their June 30th levels.
- Based on moderate U.S. economic growth, stable employment, and below target inflation, it is unlikely the Fed will move aggressively to increase (normalize) the Federal Funds Rate during 2016. 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 by 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

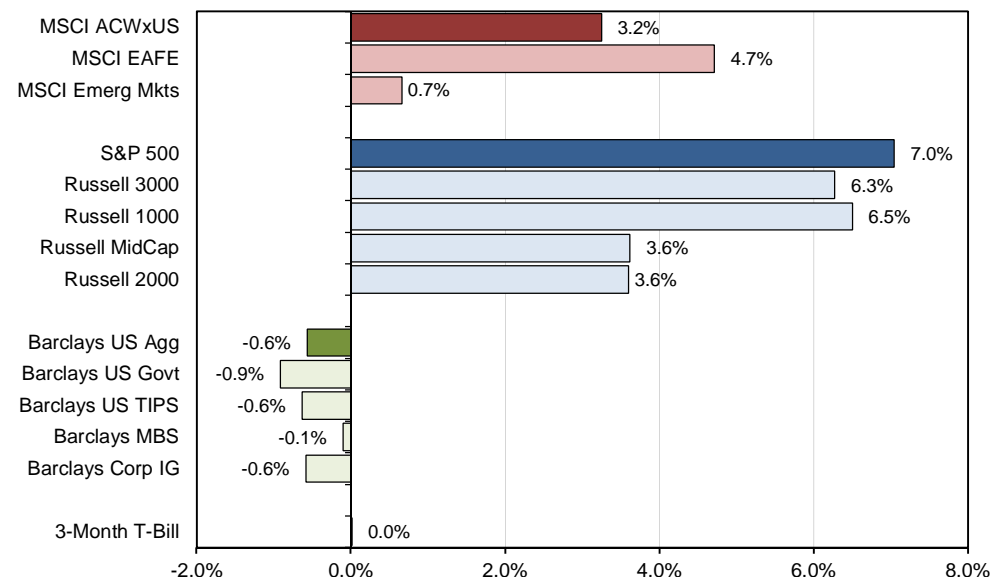


Treasury Yield Curve

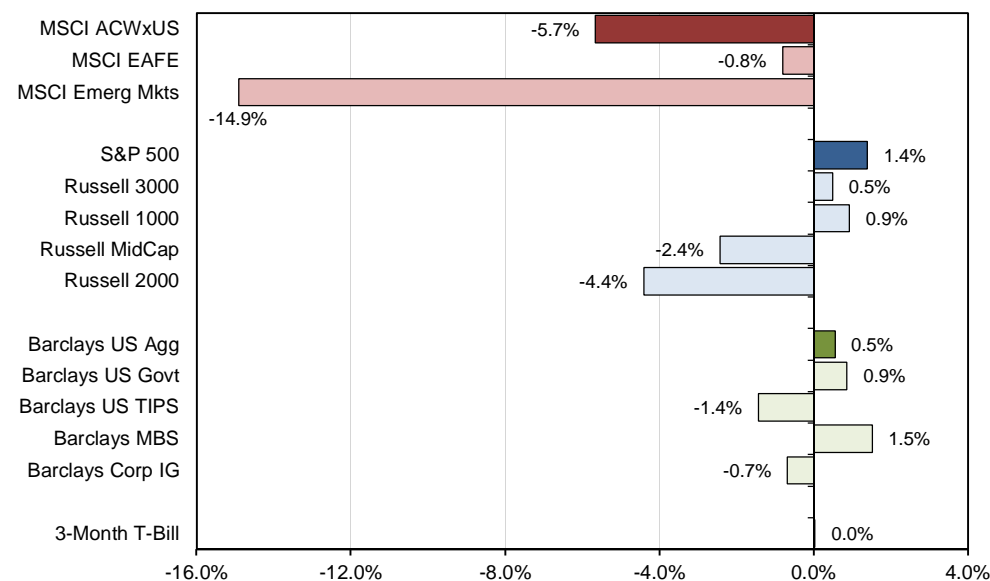


- The 4th quarter of 2015 saw broad equity markets recover some of the losses experienced during the previous quarter. The majority of the 4th quarter's returns were generated during the month of October as markets reacted positively to news that several major central banks, notably Europe and China, would inject additional stimulus into their economies. However, returns in November began to lose momentum, and December's monthly returns were broadly negative as investors weighed the reality of a weaker-than-expected policy response from the European Central Bank (ECB) and ongoing weakness in energy and commodity prices. Although largely telegraphed, December saw the U.S. Federal Reserve (the Fed) raise the Federal Funds Rate by 25 basis points (bps) following positive news regarding employment, housing, and consumer confidence. While the rate increase was small and expected, it did signal the Fed's belief in the sustainability of U.S. economic growth. This increase also begins the process of "rate normalization" after seven years of the Fed's "zero interest rate policy" and foreshadows the prospect of additional rate increases in 2016.
- Led by large capitalization issues, domestic equity market indices all posted positive results for the 4th quarter. For the calendar year, domestic large cap stock indices posted small, but positive gains, while domestic small- and mid-capitalization indices posted slightly negative results. In U.S. dollar (USD) terms, non-U.S. equity indices posted gains in the 4th quarter with broad developed market proxies continuing to outpace riskier emerging market composite indices. On a one-year basis, emerging market equity returns struggled mightily relative to their developed market counterparts due to ongoing concerns over the prospect of stagnant global economic growth. While international market returns lagged their domestic market counterparts during 2015, a large portion of the disparity can be attributed to the significant appreciation of the USD throughout the year.
- U.S. fixed income indices tracked on the chart were all modestly negative for the 4th quarter. As expected, the Fed's decision to move short-term rates higher had a negative impact on bond returns during the quarter. In addition to the December interest rate increase, investor concerns over global deflationary pressures and low economic growth pushed Treasury Inflation Protected Securities (TIPS) and investment grade corporate bond returns into negative territory for the calendar year.

Quarter Performance

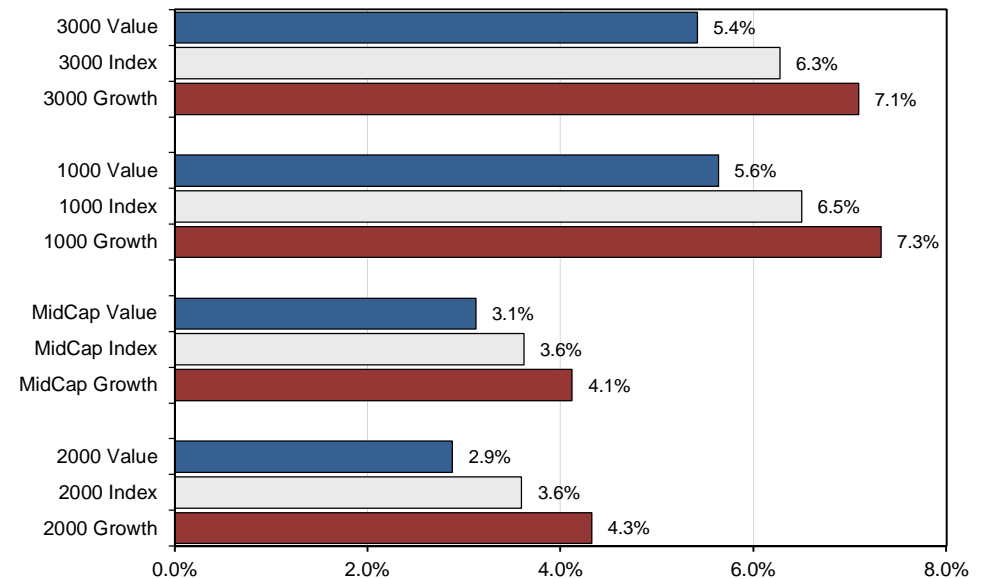


1-Year Performance

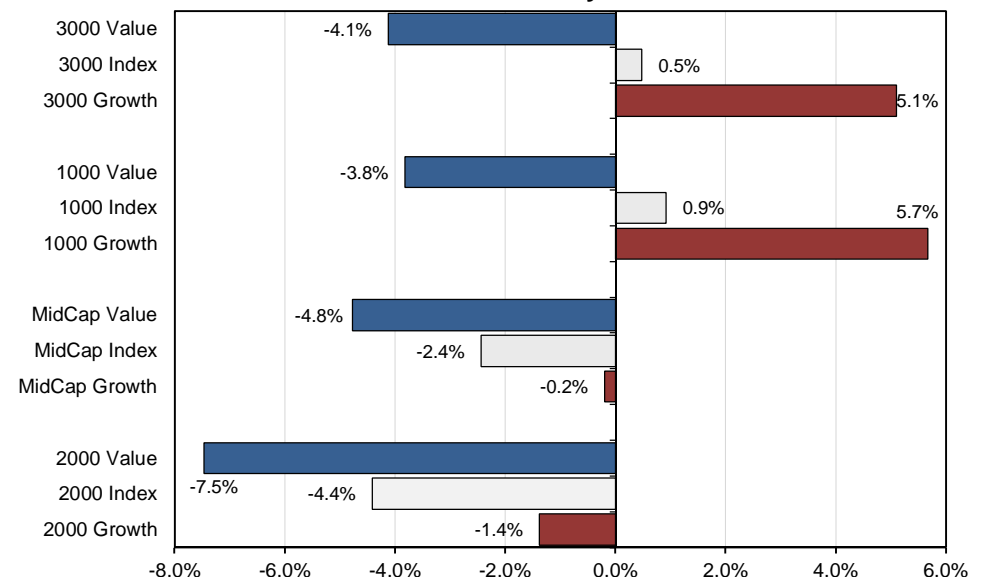


- Domestic equity index performance was positive across the style and capitalization spectrum during the 4th quarter. Outside of macroeconomic and geopolitical factors that impacted all equity performance, there were two notable trends affecting domestic equity results during the 4th quarter of 2015. First, large cap indices outperformed their small cap counterparts. Second, growth stock index returns meaningfully outpaced their value index counterparts at all levels of the capitalization spectrum. The dominance of large cap index performance for the quarter was influenced by their perceived safety and stability of their earnings growth. The dominance of growth indices for the quarter is largely attributable to the indices' lower weight to cyclical sectors heavily exposed to ongoing weakness in commodity prices and capital spending.
- Performance for the 4th quarter echoed throughout calendar year 2015 as both large cap and growth indices proved to be the best performers over the trailing one-year period. In fact, only growth and core large cap issues managed positive returns for the year. All value benchmarks, as well as small- and mid-cap core and growth indices, posted negative results for the year.
- 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 111% of its long-term average. Despite strong performance in 2015, current P/E valuations for the growth indices fall between 85% and 90% of their historical long-term averages.

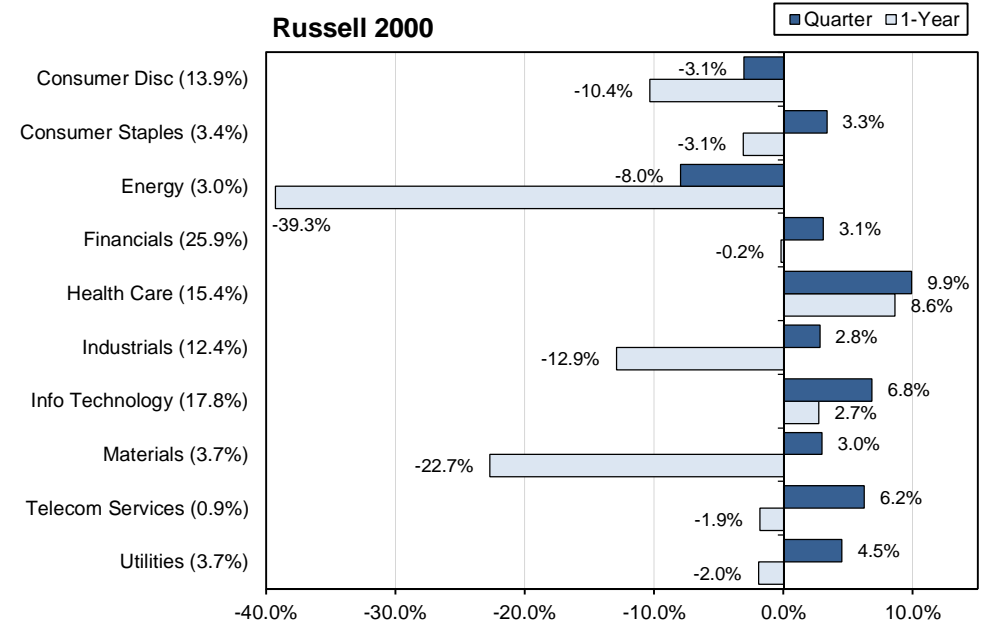
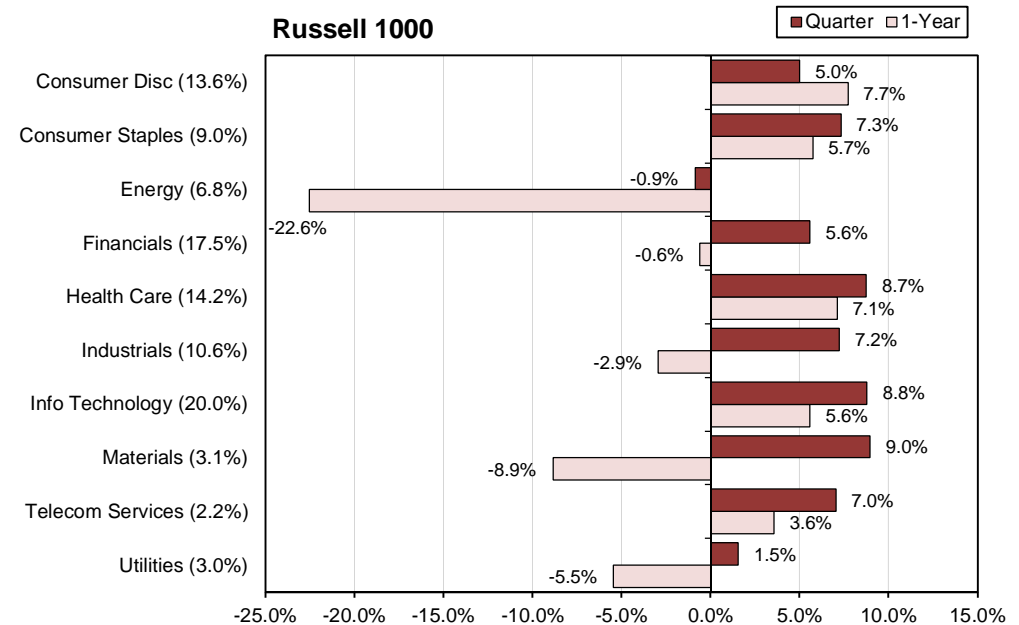
Quarter Performance - Russell Style Series



1-Year Performance - Russell Style Series



- Large cap sector performance was broadly positive for the 4th quarter as every sector within the Russell 1000 Index, with the exception of energy, posted positive results. Sector strength was notably broad with eight of the ten GICS sectors posting returns of at least 5.0% for the quarter. The materials sector was the strongest performer for the quarter, returning 9.0%. Merger and acquisition activity between the sector's two largest constituents – Dow Chemical (DOW) and DuPont (DD) – provided a substantial boost to the sector's performance. Information technology and health care were also strong performers, posting returns of 8.8% and 8.7% respectively. Led by an ongoing slide in oil prices, which closed the year below \$40/barrel, energy was the only sector to post negative performance for the quarter. This energy weakness is further illustrated on the table below with nine of the ten worst performing stocks in the Russell 1000 coming from the sector. Over calendar year 2015, five of ten sectors in the large cap index had positive performance with the consumer discretionary (7.7%) and health care (7.1%) sectors posting the strongest results. On the negative side, commodity price driven sectors were the worst performers for the year with energy (-22.6%) and materials (8.9%) suffering the brunt of the losses.
- Similar to large cap indices, small cap index performance was largely positive for the quarter with only the consumer discretionary (-3.1%) and energy (-8.0%) sectors posting negative returns. However, in contrast to the large cap benchmark's balanced one-year sector results, only two sectors, health care (8.6%) and information technology (2.7%), managed to post positive returns. Similar to the large cap index, the energy (-39.3%) and materials (-22.7%) sectors posted the Russell 2000's weakest annual sector performance.
- Using the S&P 500 as a proxy, trailing P/E ratios for five GICS sectors were below their 20-year averages at quarter-end. The information technology and financials sectors were trading at the largest discount to their long-term average P/E ratios. In contrast, telecommunication services, utilities, and consumer discretionary sector valuations were the most extended relative to historical P/E ratios.



The Market Environment
Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000
As of December 31, 2015

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Apple Inc	2.97%	-4.2%	-3.0%	Information Technology
Microsoft Corp	2.20%	26.2%	22.7%	Information Technology
Exxon Mobil Corporation	1.60%	5.8%	-12.8%	Energy
General Electric Co	1.43%	24.4%	27.5%	Industrials
Johnson & Johnson	1.40%	10.8%	1.2%	Health Care
Amazon.com Inc	1.26%	32.0%	117.8%	Consumer Discretionary
Wells Fargo & Co	1.24%	6.6%	1.8%	Financials
Berkshire Hathaway Inc Class B	1.20%	1.3%	-12.1%	Financials
JPMorgan Chase & Co	1.20%	9.1%	8.4%	Financials
Facebook Inc Class A	1.11%	16.4%	34.1%	Information Technology

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Keurig Green Mountain Inc	0.06%	72.6%	-31.1%	Consumer Staples
Advanced Micro Devices Inc	0.00%	66.9%	7.5%	Information Technology
Rayonier Advanced Materials Inc	0.00%	61.1%	-54.9%	Materials
Rovi Corp	0.00%	58.8%	-26.3%	Information Technology
Airgas Inc	0.05%	55.5%	22.7%	Materials
First Solar Inc	0.02%	54.4%	48.0%	Information Technology
Ionis Pharmaceuticals Inc	0.04%	53.2%	0.3%	Health Care
SolarWinds Inc	0.02%	50.1%	18.2%	Information Technology
SunPower Corp	0.01%	49.8%	16.2%	Information Technology
Bruker Corp	0.01%	47.7%	23.7%	Health Care

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Teekay Corp	0.00%	-66.2%	-79.8%	Energy
Peabody Energy Corp	0.00%	-62.9%	-93.4%	Energy
Ultra Petroleum Corp	0.00%	-60.9%	-81.0%	Energy
Targa Resources Corp	0.01%	-46.6%	-73.4%	Energy
Tidewater Inc	0.00%	-45.5%	-77.1%	Energy
Kinder Morgan, Inc.	0.13%	-45.1%	-62.8%	Energy
Southwestern Energy Co	0.01%	-44.0%	-73.9%	Energy
GoPro Inc Class A	0.01%	-42.3%	-71.5%	Consumer Discretionary
Golar LNG Ltd	0.01%	-41.9%	-54.0%	Energy
Seadrill Ltd	0.01%	-40.7%	-70.1%	Energy

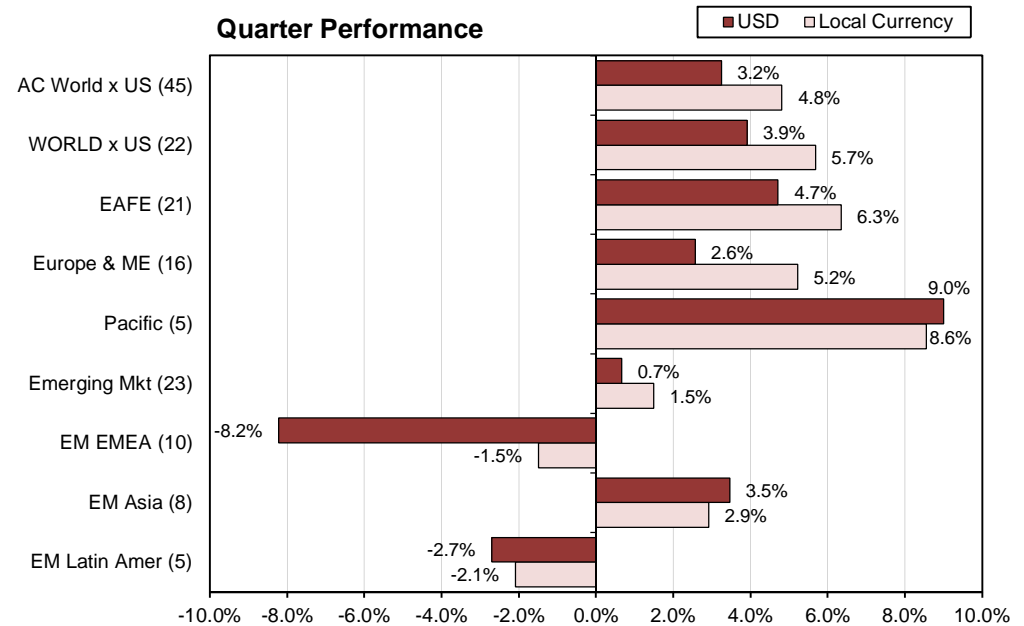
Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
STERIS PLC	0.38%	16.4%	17.8%	Health Care
Tyler Technologies Inc	0.35%	16.8%	59.3%	Information Technology
Dyax Corp	0.33%	97.1%	167.6%	Health Care
CubeSmart	0.30%	13.3%	42.4%	Financials
Manhattan Associates Inc	0.29%	6.2%	62.5%	Information Technology
Neurocrine Biosciences Inc	0.29%	42.2%	153.2%	Health Care
Casey's General Stores Inc	0.28%	17.3%	34.5%	Consumer Staples
Vail Resorts Inc	0.28%	23.6%	43.7%	Consumer Discretionary
Anacor Pharmaceuticals Inc	0.28%	-4.0%	250.3%	Health Care
Piedmont Natural Gas Co	0.27%	43.1%	49.4%	Utilities

Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Pacific Biosciences of California Inc	0.05%	258.7%	67.5%	Health Care
Weight Watchers International Inc	0.04%	257.4%	-8.2%	Consumer Discretionary
Energy Recovery Inc	0.00%	230.4%	34.2%	Industrials
Vital Therapies Inc	0.01%	185.1%	-53.8%	Health Care
Five Prime Therapeutics Inc	0.06%	169.7%	53.7%	Health Care
Five9 Inc	0.01%	135.1%	94.2%	Information Technology
Resolute Energy Corp	0.00%	124.2%	-34.1%	Energy
Ohr Pharmaceutical Inc	0.00%	122.5%	-26.4%	Health Care
Willbros Group Inc	0.00%	113.5%	-57.1%	Energy
Ocata Therapeutics Inc	0.02%	101.4%	38.3%	Health Care

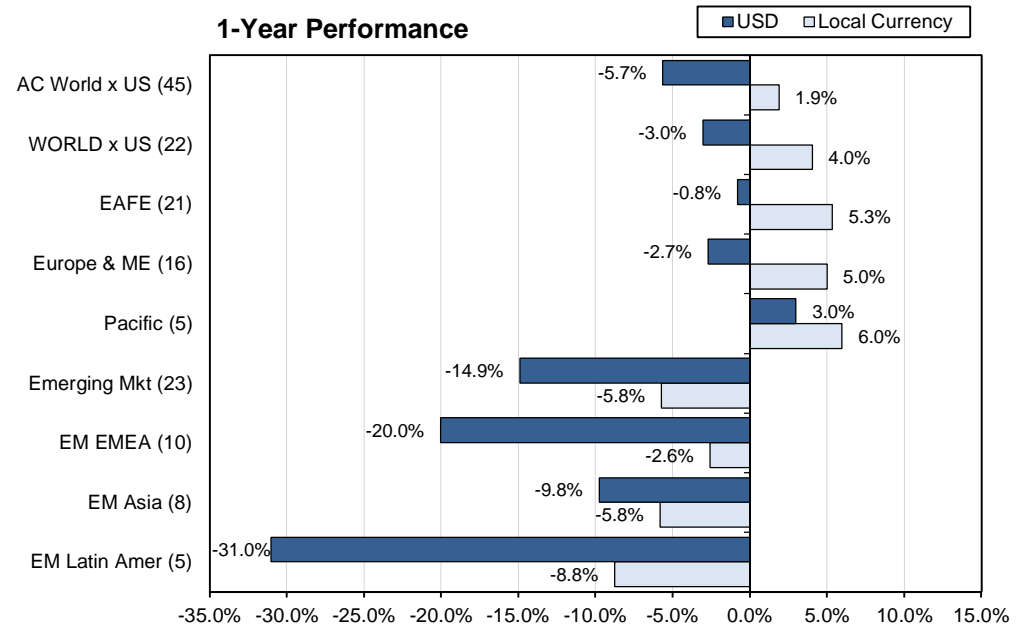
Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Magnum Hunter Resources Corporation	0.00%	-95.3%	-99.5%	Energy
Miller Energy Resources Inc	0.00%	-95.1%	-99.7%	Energy
American Eagle Energy Corp	0.00%	-90.7%	-99.8%	Energy
Vantage Drilling Co	0.00%	-89.7%	-99.5%	Energy
Threshold Pharmaceuticals Inc	0.00%	-88.2%	-84.9%	Health Care
Hercules Offshore Inc	0.00%	-86.3%	-99.2%	Energy
Walter Energy Inc	0.00%	-86.0%	-99.2%	Materials
Repros Therapeutics Inc	0.00%	-83.7%	-87.9%	Health Care
Corporate Resource Services Inc	0.00%	-83.3%	-99.9%	Industrials
Noranda Aluminum Holding Corp	0.00%	-80.5%	-98.7%	Materials

- The quarter started strong as investors anticipated additional economic stimulus announcements from the European Central Bank (ECB) and the People's Bank of China (PBoC). The latter occurred in October when the PBoC lowered the banking reserve requirement, cut interest rates, and removed a deposit cap that limited the rate of interest banks could pay savers. This stimulus package encouraged investors and initially drove markets higher. However, when the ECB announced only a minimum cut in its deposit rate and a six-month extension to its quantitative easing program on December 3rd, it was less than investors expected and global markets sold off through the remainder of the month. Despite a disappointing December, the majority of international equity index results were positive for the 4th quarter in both local and USD terms. Only the European (-8.2%) and Latin American (-2.7%) sub-segments of the emerging market index posted negative results in both local and USD terms for the quarter. Within broad market USD quarterly results, developed market (3.2%) returns easily outpaced emerging market (0.7%) performance.
- Developed markets, as measured by the MSCI EAFE Index, performed well during the quarter in both USD (4.7%) and local currency (6.3%) terms, but the index's two largest countries posted mixed results for the period. As the largest weight in the index, Japan's 9.3% return had a large positive impact on broad index return as the country benefited from continued quantitative easing and some improvement in corporate earnings. Unfortunately, the benchmark's second largest country, the UK, managed only a mild 0.7% for the period and struggled relative to other European markets due to its greater exposure to commodity sensitive industries. Finally, USD strength was once again a major theme across global market index returns during 2015. While the trailing one-year USD performance was unilaterally lower than local currency results, the disparity was particularly notable in developed market indices (outside of the Pacific index) where local currency returns were positive for the year but USD equivalent results were negative.
- Emerging markets, as measured by the MSCI Emerging Market Index, returned 0.7% in USD and 1.5% in local currency for the quarter. The index's positive performance was driven by regional results in the EM Asia index as both the EM EMEA and EM Latin America indices posted negative results for the period. Over the trailing one-year period, the broad emerging market index and each of its regional index components finished the year in negative territory measured in both USD and local currency terms.

Quarter Performance



1-Year Performance



The Market Environment
U.S. Dollar International Index Attribution & Country Detail
As of December 31, 2015

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	13.2%	5.6%	1.9%
Consumer Staples	11.9%	5.2%	8.8%
Energy	4.5%	0.7%	-18.5%
Financials	25.6%	3.5%	-3.0%
Health Care	11.9%	5.4%	7.8%
Industrials	12.6%	6.4%	0.4%
Information Technology	5.2%	10.3%	4.5%
Materials	6.4%	1.2%	-16.8%
Telecommunication Services	4.9%	6.5%	3.4%
Utilities	3.8%	2.2%	-5.3%
Total	100.0%	4.7%	-0.8%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.2%	4.5%	-1.1%
Consumer Staples	10.8%	3.8%	5.0%
Energy	6.0%	-0.6%	-22.0%
Financials	27.1%	2.5%	-8.4%
Health Care	9.6%	3.4%	5.8%
Industrials	11.2%	4.6%	-3.6%
Information Technology	8.3%	8.3%	-1.6%
Materials	6.4%	0.3%	-19.8%
Telecommunication Services	5.2%	2.6%	-4.4%
Utilities	3.5%	1.3%	-9.3%
Total	100.0%	3.2%	-5.7%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	10.0%	2.2%	-11.3%
Consumer Staples	8.3%	-1.8%	-9.1%
Energy	7.1%	-0.1%	-17.1%
Financials	28.0%	0.9%	-18.7%
Health Care	2.9%	2.2%	-5.2%
Industrials	7.0%	-3.2%	-16.8%
Information Technology	20.8%	6.4%	-6.9%
Materials	6.0%	-1.9%	-21.6%
Telecommunication Services	6.8%	-6.0%	-19.6%
Utilities	3.2%	-1.3%	-20.8%
Total	100.0%	0.7%	-14.9%

Country	MSCI-EAFE Weight	MSCI-ACWIXUS Weight	Quarter Return	1- Year Return
Japan	23.4%	17.3%	9.3%	9.6%
United Kingdom	19.4%	14.3%	0.7%	-7.6%
France	9.7%	7.2%	1.7%	-0.1%
Switzerland	9.4%	6.9%	2.0%	0.4%
Germany	9.1%	6.7%	7.7%	-1.9%
Australia	6.8%	5.0%	10.0%	-10.0%
Spain	3.2%	2.3%	-2.6%	-15.6%
Hong Kong	3.1%	2.3%	6.0%	-0.5%
Netherlands	2.9%	2.1%	3.1%	1.3%
Sweden	2.9%	2.1%	2.4%	-5.0%
Italy	2.4%	1.7%	-2.3%	2.3%
Denmark	1.9%	1.4%	6.7%	23.4%
Belgium	1.4%	1.1%	13.6%	12.1%
Singapore	1.3%	0.9%	4.2%	-17.7%
Finland	0.9%	0.7%	9.6%	2.0%
Israel	0.8%	0.6%	8.9%	10.4%
Norway	0.6%	0.4%	-0.5%	-15.0%
Ireland	0.4%	0.3%	7.0%	16.5%
Austria	0.2%	0.1%	6.9%	3.5%
New Zealand	0.2%	0.1%	18.2%	-6.3%
Portugal	0.2%	0.1%	4.2%	0.9%
Total EAFE Countries	100.0%	73.6%	4.7%	-0.8%
Canada		5.9%	-5.1%	-24.2%
Total Developed Countries		79.5%	3.9%	-3.0%
China		5.5%	4.0%	-7.8%
Korea		3.2%	5.4%	-6.7%
Taiwan		2.5%	1.2%	-11.7%
India		1.8%	-0.9%	-6.1%
South Africa		1.4%	-10.6%	-25.5%
Brazil		1.1%	-3.3%	-41.4%
Mexico		0.9%	-1.2%	-14.4%
Russia		0.7%	-4.1%	4.2%
Malaysia		0.7%	7.9%	-20.1%
Indonesia		0.5%	20.8%	-19.5%
Thailand		0.4%	-6.2%	-23.5%
Philippines		0.3%	-0.5%	-6.8%
Turkey		0.3%	-0.3%	-31.9%
Poland		0.3%	-12.9%	-25.4%
Chile		0.2%	-1.1%	-17.7%
Qatar		0.2%	-10.2%	-19.5%
United Arab Emirates		0.2%	-12.6%	-17.9%
Greece		0.1%	-19.0%	-61.3%
Colombia		0.1%	-9.4%	-41.8%
Peru		0.1%	-8.1%	-31.7%
Hungary		0.1%	11.4%	36.3%
Czech Republic		0.0%	-11.3%	-18.4%
Egypt		0.0%	-7.8%	-23.7%
Total Emerging Countries		20.6%	0.7%	-14.9%
Total ACWIXUS Countries		100.0%	3.2%	-5.7%

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



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