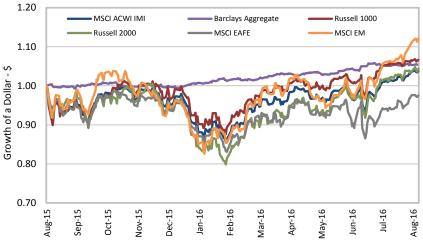
# Capital Markets Snapshot

## Performance as of 8/19/2016

#### **Total Return Performance**

		1-Week	MTD	QTD	YTD	1-Year
Domestic Equity	MSCI ACWI IMI	-0.1%	1.1%	5.6%	7.0%	3.5%
	Dow Jones Industrial	0.0%	1.0%	4.0%	8.5%	9.9%
	S&P 500	0.1%	0.7%	4.4%	8.4%	7.4%
	Nasdaq Composite	0.2%	1.6%	8.4%	5.5%	5.7%
	Russell 3000	0.1%	0.7%	4.7%	8.5%	6.4%
	Russell 1000	0.1%	0.6%	4.4%	8.3%	6.5%
	Russell 1000 Value	0.4%	0.8%	3.7%	10.3%	7.4%
	Russell 1000 Growth	-0.2%	0.4%	5.1%	6.6%	5.7%
	Russell 2000	0.6%	1.5%	7.5%	9.9%	4.4%
	Russell 2000 Value	1.0%	1.9%	7.4%	14.0%	9.9%
	Russell 2000 Growth	0.2%	1.0%	7.6%	5.9%	-0.9%
	MSCI ACWI ex US	-0.4%	1.7%	6.8%	5.7%	0.3%
ΪŢ	MSCI EAFE (USD)	-0.6%	0.9%	6.0%	1.3%	-3.4%
International Equity	MSCI EAFE (Local)	-1.4%	0.1%	4.8%	-2.7%	-6.0%
nal	Currency Impact	0.8%	0.8%	1.1%	4.0%	2.6%
atio	MSCI EAFE Small	-0.6%	0.5%	6.7%	3.3%	3.3%
ern	MSCI Emerging (USD)	0.1%	4.3%	9.6%	16.6%	11.0%
Int	MSCI Emerging (Local)	0.5%	3.6%	7.9%	11.7%	9.5%
	Currency Impact	-0.4%	0.8%	1.7%	5.0%	1.5%
	Barclays Treasury	-0.3%	-0.7%	-0.3%	5.1%	4.6%
	Barclays Long Treasury	-1.0%	-1.8%	0.4%	15.6%	13.4%
	Barclays Infl Linked	-0.2%	-0.6%	0.4%	7.0%	5.4%
Fixed Income	Barclays Aggregate	-0.2%	-0.3%	0.3%	5.7%	5.4%
nco	Barclays Corporates	-0.1%	-0.1%	1.4%	9.1%	8.6%
ed	Barclays High Yield	0.5%	1.8%	4.5%	14.0%	8.6%
Ξ	Barclays MBS	-0.1%	-0.0%	0.2%	3.3%	3.7%
	CS Leveraged Loan	0.1%	0.5%	1.9%	6.2%	3.2%
	Barclays Global Agg ex USD	0.6%	1.2%	2.0%	14.2%	13.8%
	Barclays Global EMD - Hard	0.5%	1.6%	3.2%	12.6%	11.3%
	Barclays Global EMD - Local	-0.3%	1.7%	3.3%	14.7%	12.4%
	Alerian MLP	0.1%	0.4%	1.0%	15.9%	-4.5%
	MSCI US REIT	-1.8%	-4.1%	-0.1%	13.4%	15.6%
Other	Gold	0.4%	-0.7%	1.4%	26.4%	18.3%
ŏ	Oil	9.1%	16.6%	0.4%	31.0%	18.9%
	Commodities (Bloomberg)	2.6%	2.3%	-2.9%	10.0%	-2.4%
	Dollar Index (DXY)	-1.3%	-1.1%	-1.7%	-4.2%	-1.9%

# Growth of a Dollar - One Year



#### Relative Performance to the MSCI AC World IMI Index - YTD

	Value		Core			Growth	
	Domestic Int'l		Domestic Int'l		Emerging	Domestic	Int'l
Large	3.2% -5.2%		1.3%	-4.3%	9.6%	-0.5%	-3.3%
All Cap	3.5%	.5% -4.5% 1.4%		-3.8%	8.4%	-0.5%	-3.2%
Small	6.9%	0.0%	2.9%	-1.1%	1.5%	-1.2%	-2.2%

MSCI AC World IMI Index YTD Return = 7.0%

#### Domestic Relative Performance to the Russell 3000 - YTD

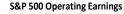
,	Value	Core	Growth
Top 200	0.3%	-1.0%	-2.3%
Midcap	5.3%	2.2%	-0.8%
Small	5.5%	1.4%	-2.6%
Micro	0.6%	-2.8%	-7.4%

Russell 3000 YTD Return = 8.5%

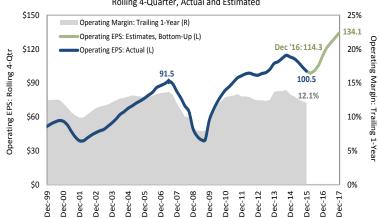
# Capital Markets Snapshot

### Performance as of 8/19/2016

	Fundamental View						
	P/E			EPS		Dividend	
	Trailing 12-						
	Month All	12-Month	10y Med.	Trailing 12-	12-Month	12-Month	
	EPS	Forecast	All EPS	Month	Forecast	Trailing	10y Avg.
S&P 500 <sup>1</sup>	21.7	17.4	16.6	100.6	125.6	2.1%	2.1%
R1000 <sup>2</sup>	22.5	17.7	17.4	53.7	68.2	2.1%	2.0%
R1000 Value <sup>2</sup>	20.3	16.3	15.8	51.5	64.1	2.7%	2.5%
R1000 Growth <sup>2</sup>	25.1	19.2	20.4	42.0	54.8	1.6%	1.5%
R2000 <sup>2</sup>	37.2	19.3	27.3	36.2	64.0	1.5%	1.3%
R2000 Value <sup>2</sup>	28.3	17.8	23.1	55.0	87.2	2.3%	2.1%
R2000 Growth <sup>2</sup>	53.4	21.2	33.4	27.9	35.2	0.8%	0.6%
EAFE <sup>3</sup>	15.7	15.6	15.8	100.6	109.0	3.3%	3.2%
EAFE Small <sup>3</sup>	20.8	16.6	13.4	9.9	12.6	2.3%	4.1%
Emerging <sup>3</sup>	12.5	13.6	19.0	71.0	67.1	3.2%	2.3%
Treasury "P/E"	63.3	n/a	37.0	n/a	n/a	1.6%	2.9%



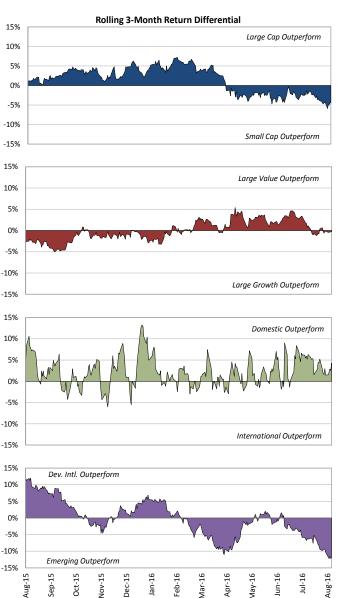
Rolling 4-Quarter, Actual and Estimated



Note: P/E ratios and EPS are based on operating earnings.

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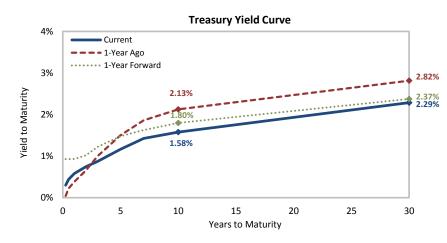
<sup>&</sup>lt;sup>3</sup> Data source is MSCI for trailing P/E, EPS, and Dividend Yield; Bloomberg estimates for trailing ex-negative EPS P/E and both 12-month forecasts.



<sup>&</sup>lt;sup>2</sup> Data source is Russell and IBES forecasts. Trailing 12-month EPS reported ex-negative earnings, consistent with IBES forecasts.

# **Capital Markets Snapshot**

Performance as of 8/19/2016

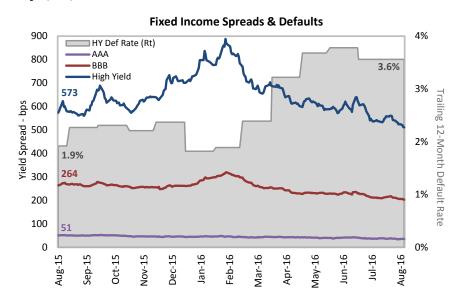


### **Implied Break-even Inflation Rates**

	2-yr	5-yr	10-yr	30-yr	5y, 5y
Current	1.1%	1.4%	1.5%	1.7%	1.7%
Beg of Qtr	1.3%	1.4%	1.4%	1.6%	1.5%
1-Year Ago	0.3%	1.2%	1.6%	1.8%	2.0%
Real Yield	-0.3%	-0.2%	0.1%	0.6%	0.4%



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### **Equity Volatility (VIX)**

