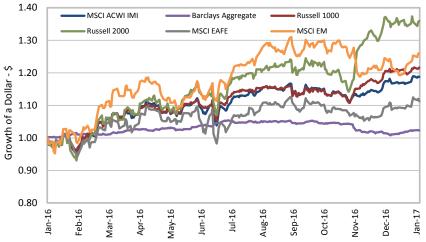
# Capital Markets Snapshot

## Performance as of 1/13/2017

### **Total Return Performance**

		1-Week	MTD	QTD	YTD	1-Year
	MSCI ACWI IMI	0.4%	2.3%	2.3%	2.3%	19.5%
Fixed Income International Equity Domestic Equity	Dow Jones Industrial	-0.4%	0.7%	0.7%	0.7%	24.7%
	S&P 500	-0.1%	1.7%	1.7%	1.7%	21.0%
	Nasdaq Composite	1.0%	3.6%	3.6%	3.6%	22.3%
	Russell 3000	0.0%	1.7%	1.7%	1.7%	22.6%
	Russell 1000	-0.0%	1.8%	1.8%	1.8%	21.6%
stic	Russell 1000 Value	-0.4%	0.9%	0.9%	0.9%	25.9%
Other Fixed Income International Equity Domestic Equity PSO SO S	Russell 1000 Growth	0.3%	2.7%	2.7%	2.7%	17.6%
	Russell 2000	0.4%	1.1%	1.1%	1.1%	35.8%
	Russell 2000 Value	-0.3%	0.1%	0.1%	0.1%	44.7%
	Russell 2000 Growth	1.1%	2.3%	2.3%	2.3%	27.2%
Fixed Income International Equity Domestic Equity	MSCI ACWI ex US	1.0%	3.0%	3.0%	3.0%	17.0%
	MSCI EAFE (USD)	0.8%	2.6%	2.6%	2.6%	12.3%
	MSCI EAFE (Local)	0.3%	1.9%	1.9%	1.9%	15.7%
	Currency Impact	0.5%	0.7%	0.7%	0.7%	-3.4%
	MSCI EAFE Small	0.5%	2.3%	2.3%	2.3%	13.6%
erni	MSCI Emerging (USD)	1.7%	3.9%	3.9%	3.9%	26.9%
Inte	MSCI Emerging (Local)	1.3%	3.1%	3.1%	3.1%	21.8%
	Currency Impact	0.4%	0.8%	0.8%	0.8%	5.1%
ncome	Blmbg Barc. Treasury	0.2%	0.4%	0.4%	0.4%	0.4%
	Blmbg Barc. Long Treasury	0.5%	1.6%	1.6%	1.6%	0.5%
	Blmbg Barc. Infl Linked	0.5%	0.8%	0.8%	0.8%	5.3%
	Blmbg Barc. US Aggregate	0.2%	0.4%	0.4%	0.4%	2.3%
	Blmbg Barc. Corporates	0.3%	0.6%	0.6%	0.6%	6.4%
-    -	Blmbg Barc. High Yield	0.2%	1.2%	1.2%	1.2%	20.6%
Ě	Blmbg Barc. MBS	0.1%	0.1%	0.1%	0.1%	1.1%
	CS Leveraged Loan	0.1%	0.4%	0.4%	0.4%	10.5%
	Blmbg Barc. Global Agg ex USD	0.7%	0.5%	0.5%	0.5%	1.8%
	Blmbg Barc. Global EMD - Hard	0.3%	1.0%	1.0%	1.0%	11.1%
	Blmbg Barc. Global EMD - Local	0.8%	1.5%	1.5%	1.5%	9.8%
	Alerian MLP	-1.3%	1.2%	1.2%	1.2%	37.3%
	MSCI US REIT	-2.0%	0.2%	0.2%	0.2%	14.0%
her	Gold	2.1%	3.9%	3.9%	3.9%	11.0%
₽	Oil	-3.0%	-2.5%	-2.5%	-2.5%	67.9%
	Commodities (Bloomberg)	1.4%	1.2%	1.2%	1.2%	19.2%
	Dollar Index (DXY)	-1.0%	-1.0%	-1.0%	-1.0%	2.1%

### Growth of a Dollar - One Year



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

	Value Domestic Int'l		Core			Growth	
			Domestic Int'l		Emerging	Domestic	Int'l
Large	Large -1.4% 0.6%		-0.5%	0.4%	1.6%	0.4%	0.2%
All Cap	-1.5%	0.5%	-0.6%	0.4%	1.5%	0.4%	0.2%
Small	-2.2%	0.3%	-1.2%	0.2%	0.7%	-0.0%	0.1%

MSCI AC World IMI Index YTD Return = 2.3%

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

	Value	Core	Growth
Top 200	-1.0%	-0.0%	1.0%
Midcap	-0.5%	0.2%	1.1%
Small	-1.6%	-0.6%	0.5%
Micro	-1.9%	-1.5%	-0.8%

Russell 3000 YTD Return = 1.7%

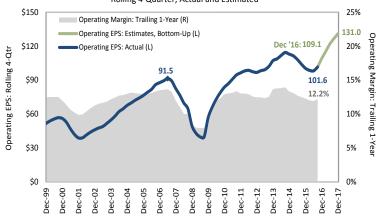
## Capital Markets Snapshot

### Performance as of 1/13/2017

	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>	22.6	17.4	16.6	100.6	131.0	2.1%	2.1%
R1000 <sup>2</sup>	23.5	18.5	17.4	53.7	68.2	2.1%	2.0%
R1000 Value <sup>2</sup>	21.6	17.3	15.8	51.5	64.1	2.7%	2.5%
R1000 Growth <sup>2</sup>	25.8	19.7	20.4	42.0	54.8	1.6%	1.5%
R2000 <sup>2</sup>	41.3	21.4	27.3	36.2	64.0	1.5%	1.3%
R2000 Value <sup>2</sup>	32.4	20.4	23.1	55.0	87.2	2.3%	2.1%
R2000 Growth <sup>2</sup>	57.2	22.7	33.4	27.9	35.2	0.8%	0.6%
EAFE <sup>3</sup>	16.0	15.4	15.8	100.6	112.3	3.3%	3.2%
EAFE Small <sup>3</sup>	20.9	16.7	13.4	9.9	12.6	2.3%	4.1%
Emerging <sup>3</sup>	12.3	12.4	19.0	71.0	72.3	3.2%	2.3%
Treasury "P/E"	41.7	n/a	38.3	n/a	n/a	2.4%	2.8%

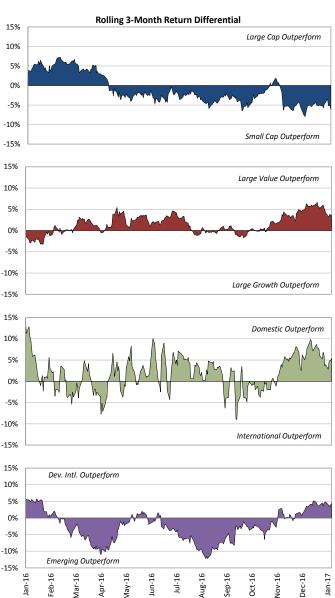


Rolling 4-Quarter, Actual and Estimated



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

<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.

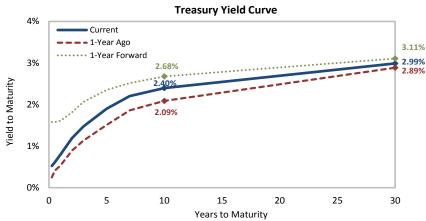


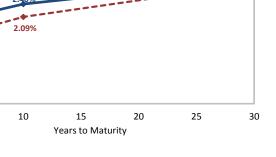
<sup>&</sup>lt;sup>1</sup> Data source is S&P

<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 1/13/2017





#### 5% 1000 HY Def Rate (rhs) 900 High Yield 800 3.6% Trailing 12-Month Default Rate Yield Spread - bps 1.8% 279 300 200 100 45 Jan-16 Feb-16 Mar-16 May-16 Jun-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16 Jan-17 Apr-16

**Fixed Income Spreads & Defaults** 

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

	2-yr	5-yr	10-yr	30-yr	5y, 5y
Current	1.7%	1.9%	2.0%	2.1%	2.1%
Beg of Qtr	1.6%	1.9%	2.0%	2.1%	2.0%
1-Year Ago	0.5%	1.2%	1.5%	1.6%	1.7%
Real Yield	-0.5%	0.0%	0.4%	0.9%	0.9%



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