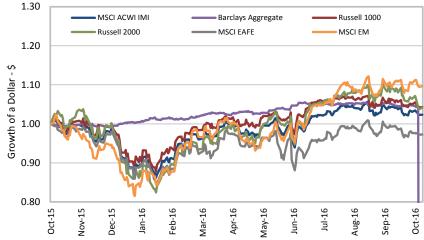
Capital Markets Snapshot

Performance as of 10/31/2016

Total Return Performance

MSCI ACWI IMI -1.1% -1.9% -1.9% 4.9% Dow Jones Industrial -0.4% -0.8% -0.8% 6.4% S&P 500 -1.2% -1.8% -1.8% 5.9%	2.3% 5.5% 4.5% 4.0% 4.2%
S&P 500 -1.2% -1.8% -1.8% 5.9%	4.5% 4.0% 4.2%
	4.0% 4.2%
Needer Comments 2 20/ 2 20/ 2 20/ 4 70/	4.2%
Nasdaq Composite -2.3% -2.3% 4.7%	
Russell 3000 -1.3% -2.2% -2.2% 5.8%	
Russell 3000 -1.3% -2.2% -2.2% 5.8% Russell 1000 -1.2% -2.0% -2.0% 5.8% Russell 1000 Value -0.4% -1.5% -1.5% 8.3% Russell 1000 Growth -2.0% -2.3% -2.3% 3.5% Russell 2000 -2.8% -4.8% -4.8% 6.2%	4.3%
Russell 1000 Value -0.4% -1.5% -1.5% 8.3%	6.4%
Russell 1000 Growth -2.0% -2.3% -2.3% 3.5%	2.3%
Russell 2000 -2.8% -4.8% -4.8% 6.2%	4.1%
Russell 2000 Value -2.2% -3.3% -3.3% 11.7%	8.8%
Russell 2000 Growth -3.4% -6.2% -6.2% 0.8%	-0.5%
MSCI ACWI ex US -0.7% -1.4% -1.4% 4.3%	0.2%
MSCI EAFE (USD) -0.4% -2.0% -2.0% -0.4%	-3.2%
MSCI EAFE (USD) -0.4% -2.0% -2.0% -0.4% -0.4% -0.4% 1.2% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.2% -0.4%	-1.9%
© Currency Impact 0.1% -3.2% -3.2% 0.1%	-1.3%
MSCI EAFE Small -0.9% -2.8% -2.8% 2.2%	3.0%
MSCI Emerging (USD) -1.4% 0.2% 0.2% 16.3%	9.3%
MSCI Emerging (Local) -1.3% 0.6% 0.6% 12.0%	7.8%
Currency Impact -0.1% -0.4% -0.4% 4.3%	1.5%
Barclays Treasury -0.3% -1.1% -1.1% 3.9%	3.3%
Barclays Long Treasury -1.1% -4.1% -4.1% 10.0%	9.1%
Barclays Infl Linked -0.1% -0.5% -0.5% 7.2%	6.2%
Barclays Aggregate -0.3% -0.8% -0.8% 5.0%	4.4%
Barclays Aggregate -0.3% -0.8% -0.8% 5.0% Barclays Corporates -0.6% -0.8% -0.8% 8.3% Barclays High Yield -0.8% 0.4% 0.4% 15.6% Barclays MBS -0.1% -0.3% -0.3% 3.4%	7.2%
_ Barclays High Yield -0.8% 0.4% 0.4% 15.6%	10.1%
Barclays MBS -0.1% -0.3% -0.3% 3.4%	3.3%
CS Leveraged Loan 0.1% 0.8% 0.8% 8.3%	6.3%
Barclays Global Agg ex USD -0.5% -4.4% -4.4% 8.2%	6.5%
Barclays Global EMD - Hard -0.6% -1.0% -1.0% 11.6%	9.6%
Barclays Global EMD - Local -0.9% -1.8% -1.8% 12.4%	9.2%
Alerian MLP -3.9% -4.5% -4.5% 10.8%	-1.8%
MSCI US REIT -2.3% -5.7% -5.7% 5.5%	6.8%
E Gold 1.0% -2.9% -2.9% 20.3% Ö Oil -6.5% -2.9% -2.9% 26.5%	11.8%
5 Oil -6.5% -2.9% -2.9% 26.5%	0.6%
Commodities (Bloomberg) -1.4% -0.5% -0.5% 8.3%	-2.6%
Dollar Index (DXY) -0.3% 3.1% 3.1% -0.2%	1.5%





Relative Performance to the MSCI AC World IMI Index - YTD

	Value			Core	Growth		
	Domestic	Int'l	Domestic	Int'l	Emerging	Domestic	Int'l
Large	3.4%	-2.0%	0.9%	-3.8%	11.4%	-1.4%	-5.6%
All Cap	3.6%	-1.6%	0.9%	-3.4%	10.1%	-1.6%	-5.2%
Small	6.8%	1.0%	1.2%	-0.9%	2.5%	-4.1%	-2.7%

MSCI AC World IMI Index YTD Return = 4.9%

Domestic Relative Performance to the Russell 3000 - YTD

	Value	Core	Growth
Top 200	1.3%	-0.4%	-2.0%
Midcap	5.1%	0.9%	-3.3%
Small	5.9%	0.3%	-5.0%
Micro	2.0%	-2.7%	-9.1%

Russell 3000 YTD Return = 5.8%

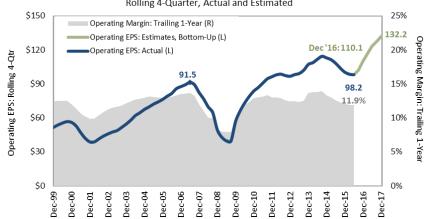
Capital Markets Snapshot

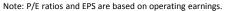
Performance as of 10/31/2016

	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 ¹	21.1	16.6	16.6	100.6	127.9	2.2%	2.1%
R1000 ²	21.9	17.3	17.4	53.7	68.2	2.1%	2.0%
R1000 Value ²	19.8	16.0	15.8	51.5	64.1	2.7%	2.5%
R1000 Growth ²	24.3	18.6	20.4	42.0	54.8	1.6%	1.5%
R2000 ²	35.8	18.6	27.3	36.2	64.0	1.5%	1.3%
R2000 Value ²	27.6	17.4	23.1	55.0	87.2	2.3%	2.1%
R2000 Growth ²	50.8	20.1	33.4	27.9	35.2	0.8%	0.6%
EAFE ³	15.4	15.6	15.8	100.6	106.6	3.4%	3.2%
EAFE Small ³	20.5	17.3	13.4	9.9	11.9	2.3%	4.1%
Emerging ³	12.5	13.8	19.0	71.0	65.8	3.2%	2.3%
Treasury "P/E"	54.8	n/a	37.8	n/a	n/a	1.8%	2.8%

S&P 500 Operating Earnings

Rolling 4-Quarter, Actual and Estimated

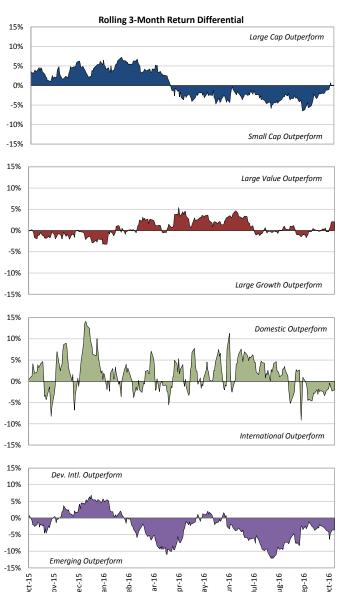




¹ Data source is S&P.

2

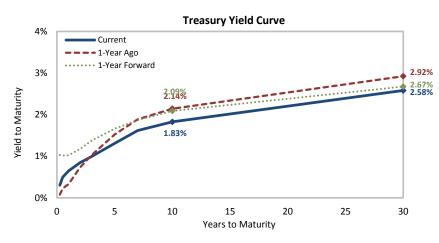
³ Data source is MSCI for trailing P/E, EPS, and Dividend Yield; Bloomberg estimates for trailing ex-negative EPS P/E and both 12-month forecasts.



² 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 10/31/2016

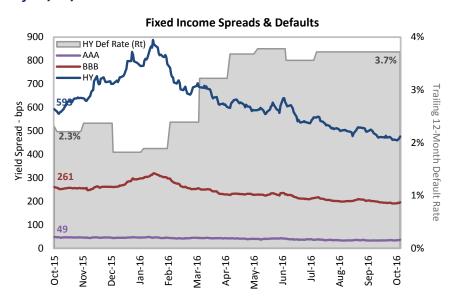


Implied Break-even Inflation Rates

	2-yr	5-yr	10-yr	30-yr	5y, 5y
Current	1.4%	1.6%	1.7%	1.9%	1.9%
Beg of Qtr	1.3%	1.5%	1.6%	1.7%	1.8%
1-Year Ago	0.4%	1.2%	1.5%	1.8%	1.9%
Real Yield	-0.5%	-0.3%	0.1%	0.7%	0.5%



3



Equity Volatility (VIX)

