

# Capital Markets Review

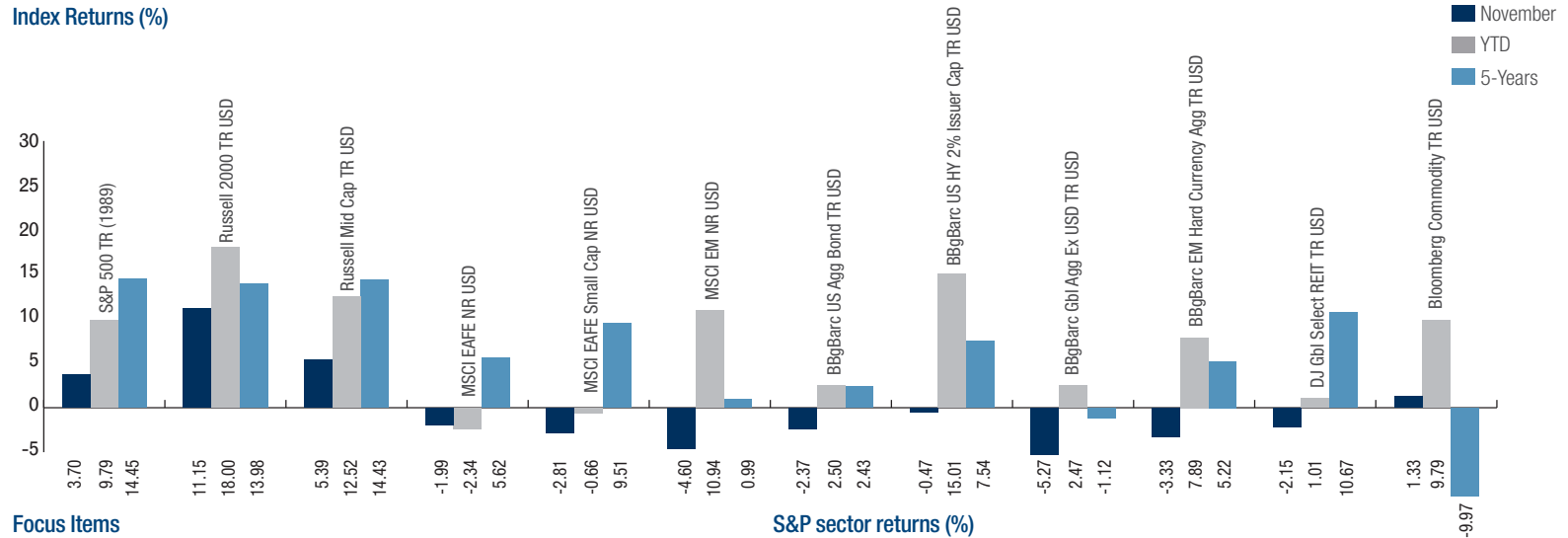
November 2016

## November Highlights

- U.S. small cap equity led domestic stock by gaining 11.15% in November, as per the Russell 2000 index. Small cap value, represented by the Russell 2000 Value index, continued to outperform and returned 13.27% in November, bringing its year-to-date gain to 26.52%. U.S. large and mid-cap stocks also finished the month with positive returns of 3.70% and 5.39%, respectively, according to the S&P 500 and Russell Mid Cap indices.
- As the U.S. dollar strengthened against other major currencies in November by gaining 9.20% against the Japanese yen and 3.57% against the Euro, returns on international investments for U.S. investors were negatively impacted. Potential changes to trade agreements may have also impacted financial markets, with emerging markets equity losing 4.60% in November, according to the MSCI Emerging Market index. International developed large cap equity, represented by the MSCI EAFE index, lost 1.99% last month. Non-U.S. fixed income had a negative return of 5.27% in November, giving up a good portion of its year-to-date gains, as per the BBgBarc Gbl Agg Ex USD index. Emerging market debt also posted a loss in November of 3.33%, according to the BBgBarc EM Hard Currency Agg index.
- Following the U.S. presidential election, on hopes of accelerated economic growth, the yield on the 10-year Treasury rose from 1.83% to 2.38%, a 30.42% gain. Higher yields meant lower returns for U.S. fixed income investors, with U.S. core fixed income losing 2.37% in November, as per the BBgBarc US Agg Bond index. Some interest-sensitive stocks were also affected, with utilities represented by the S&P 500 Sec/Utilities index posting a negative return of 5.40%. At the other of the spectrum were financials, which gained 13.94%, as per the S&P 500 Sec/Financials index.
- The Bloomberg Commodity index gained 1.33% in November. Commodities were led by a 5.51% increase in the price of crude oil, from 46.86 to 49.44 with OPEC reaching its first agreement in eight years to curtail production. The energy sector was one of the beneficiaries of higher oil prices and gained 8.40% last month, as per the S&P 500 Sec/Energy index.

\*5-Year performance number is Annualized. Please see next page for additional information. Past performance is not a guarantee of future results. Indexes are not available for direct investment. Any investor who attempts to mimic an index will incur fees and expenses which would reduce returns.

## Index Returns (%)



## Focus Items

	11/30/2016	10/31/2016	1-Mth Change	11/30/2015
U.S. Dollar (\$) / Japanese Yen (¥)	114.46	104.82	9.20%	123.11
Euro (€) / U.S. Dollar (\$)	1.06	1.10	-3.57%	1.06
Gold	1178.10	1272.00	-7.38%	1061.90
10-Year Treasury Yield	2.38	1.83	30.42%	2.21
Light Crude Oil	49.44	46.86	5.51%	41.65

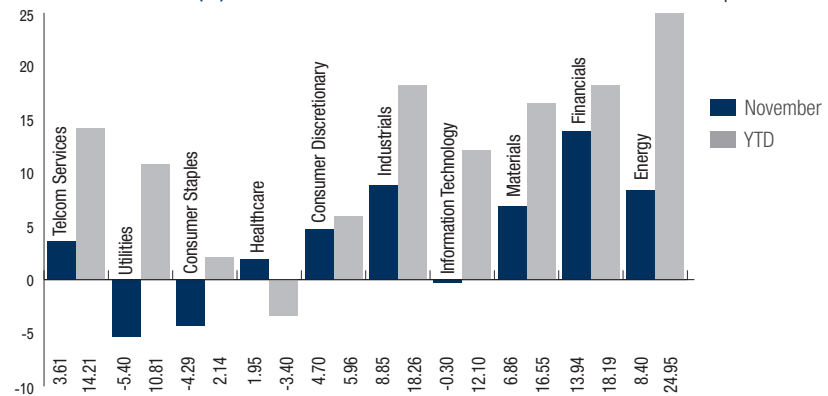
## International Equity Returns (%)

	November	Year to Date	5-Years*
MSCI EAFE Growth NR USD	-3.41	-5.14	5.93
MSCI EAFE NR USD	-1.99	-2.34	5.62
MSCI EAFE Value NR USD	-0.62	0.43	5.21

## Fixed Income Sector Returns (%)

	November	Year to Date	5-Years*
BBgBarc US Agg Bond TR USD	-2.37	2.50	2.43
BBgBarc US Treasury TR USD(1987)	-2.67	1.14	1.42
BBgBarc US Corp IG TR USD	-2.68	5.41	4.44
BBgBarc US Agg Govt Reitd TR USD	-2.47	2.54	2.21
BBgBarc US Srtzd MBS ABS CMBS TR USD	-1.70	1.80	2.29
BBgBarc Municipal TR USD	-3.73	-0.92	3.43

## S&P sector returns (%)



## Equity Style Returns (%)

	NOVEMBER				YEAR TO DATE				
	Value	Core	Growth		Value	Core	Growth		
NOVEMBER	Large	5.71	3.94	2.18	YEAR TO DATE	Large	14.48	9.99	5.77
	Mid	6.26	5.39	4.35		Mid	17.90	12.52	6.96
	Small	13.27	11.15	8.95		Small	26.52	18.00	9.82

THIS MATERIAL IS FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE USED OR CONSTRUED AS A RECOMMENDATION REGARDING ANY SECURITY OUTSIDE OF A MANAGED ACCOUNT.

There is no assurance that any investment strategy will be successful or that any securities transaction, holdings, sectors or allocations discussed will be profitable. It should not be assumed that any investment recommendation or decisions made in the future will be profitable or will equal any investment performance discussed herein.

Fixed income securities are subject to interest rate risk. Generally, when interest rates rise, bond prices fall, and vice versa. Specific sector investing can be subject to different and greater risks than more diversified investments. Investing in small-cap and mid-cap stocks generally involves greater risks, and, therefore, may not be appropriate for every investor. International investing also involves special risks, including currency fluctuations, different financial accounting standards, and possible political and economic volatility. High-yield (below investment-grade) bonds are not suitable for all investors. When appropriate, these bonds should only comprise a modest portion of your portfolio. Commodities trading is generally considered speculative because of the significant potential for investment loss. Specific sector investing such as real estate can be subject to different and greater risks than more diversified investments. Declines in the value of real estate, economic conditions, property taxes, tax laws and interest rates all present potential risks to real estate investments

**ASSET CLASS RETURNS:** Source: Russell, Bloomberg Barclays, Dow Jones, JP Morgan, Morningstar Direct

**S&P 500 SECTOR RETURNS:** [Source: Standard & Poor's] Returns are based on the GICS Classification model. Returns are cumulative total return for stated period, including reinvestment of dividends.

**STYLE RETURNS:** [Source: Russell] Style box returns based on the GICS Classification model. All values are cumulative total return for stated period including reinvestment of dividends. The Indices used from L to R, top to bottom are: Russell 1000 Value Index, Russell 1000 Index, Russell 1000 Growth Index, Russell Mid-cap Value Index, Russell Mid-cap Index, Russell Mid-cap Growth Index, Russell 2000 Value Index, Russell 2000 Index, and Russell 2000 Growth Index.

**INTERNATIONAL EQUITY STYLE RETURNS, AND FOCUS ITEMS:** Source: Morningstar Direct

**FIXED INCOME SECTORS:** [Source: Bloomberg Barclays] Returns based on the four sectors of Bloomberg Barclays Global Sector Classification Scheme: Securitized (consisting of U.S. MBS Index, the ERISA-Eligible CMBS Index, and the fixed-rate ABS Index), Government Related (consisting of U.S. Agencies and non-corporate debts with four sub sectors: Agencies, Local Authorities, Sovereign, and Supranational), Corporate (dollar denominated debt from U.S. and non-U.S. industrial, utility, and financial institutions issuers), and Treasuries (includes public obligations of the U.S. Treasury that have remaining maturities of one year or more).

Please note that all indices are unmanaged and investors cannot invest directly in an index. An investor who purchases an investment product which attempts to mimic the performance of an index will incur expenses that would reduce returns. Past performance is not indicative of future results.

#### INDEX DESCRIPTIONS:

**Bloomberg Barclays Global Emerging Market Debt:** The Bloomberg Barclays Global Emerging Markets Index represents the union of the USD-denominated U.S. Emerging Markets Index and the predominately EUR-denominated Pan Euro Emerging Markets Index, covering the emerging markets in the following regions: Americas, Europe, Middle East, Africa and Asia.

**Bloomberg Barclays U.S. Aggregate Bond Index:** Measures changes in the fixed rate debt issues rated investment grade or higher by Moody's Investors Service, Standard and Poor's, or Fitch Investor's Service, in that order. The Aggregate Index is comprised of the Government/Corporate, the Mortgage-Backed Securities, and the Asset-Backed Securities indices.

**Bloomberg Barclays U.S. Municipal Bond Index:** The U.S. Municipal Index covers the USD-denominated long-term tax exempt bond market. The index has four main sectors: state and local general obligation bonds, revenue bonds, insured bonds, and prerefunded bonds local general obligation bonds, revenue bonds, insured bonds, and prerefunded bonds.

**Bloomberg Barclays Global Aggregate ex U.S.:** Measures changes in global investment-grade, fixed-rate debt markets. It combines non-U.S. dollar-denominated versions of the (an-European Index and the Japanese, Canadian, Australian and New Zealand components of the Global Treasury Index).

**Bloomberg Barclays U.S. High Yield:** The U.S. Corporate High-Yield Index measures the market of USD-denominated, non-investment grade, fixed-rate, taxable corporate bonds. Securities are classified as high yield if the middle rating of Moody's, Fitch, and S&P is Ba1/BB+/BB+ or below, excluding emerging market debt.

**MSCI EAFE (Europe, Australasia, Far East):** A free float-adjusted market capitalization index that is designed to measure developed market equity performance, excluding the United States & Canada. The EAFE consists of the country indices of 21 developed nations.

**The Dow Jones Global Select REIT Index:** intends to measure the performance of publicly traded real estate securities. The indices are designed to serve as proxies for direct real estate investment, in part by excluding companies whose performance may be driven by factors other than the value of real estate. This index represents equity real estate investment trusts (REITs) and real estate operating companies (REOCs) traded globally.

**MSCI EAFE Small Cap:** The MSCI Developed Markets Small Cap Indices offer an exhaustive representation of this size segment by targeting companies that are in the Investable Market Index but not in the Standard Index in a particular developed market. The indices include Value and Growth style indices and industry indices based on the Global Industry Classification Standard (GICS).

**MSCI EAFE Value:** Represents approximately 50% of the free float-adjusted market capitalization of the MSCI EAFE index, and consists of those securities classified by MSCI as most representing the value style.

**MSCI EAFE Growth:** Represents approximately 50% of the free float-adjusted market capitalization of the MSCI EAFE index, and consists of those securities classified by MSCI as most representing the growth style.

**MSCI Emerging Markets:** Designed to measure equity market performance in 25 emerging market indexes. The index's three largest industries are materials, energy, and banks.

**MSCI Local Currency:** A special currency perspective that approximates the return of an index as if there were no currency valuation changes from one day to the next.

**MSCI EAFE U.S. Dollar:** An unmanaged capitalization-weighted index of companies representing the stock markets of Europe, Australasia and the Far East.

**Russell 1000:** Measures the performance of the 1,000 largest companies in the Russell 3000 Index, which represents approximately 90% of the investable U.S. equity market.

**Russell 1000 Value Index:** Measures the performance of those Russell 1000 companies with higher price-to-book ratios and lower forecasted growth values.

**Russell 1000 Growth Index:** Measures the performance of those Russell 1000 companies with higher price-to-book ratios and higher forecasted growth values.

**Russell Mid-cap:** Measures the performance of the 800 smallest companies of the Russell 1000 Index, which represent approximately 30% of the total market capitalization of the Russell 1000 Index.

**Russell Mid-cap Value Index:** Measures the performance of those Russell Mid-cap companies with lower price-to-book ratios and lower forecasted growth values.

**Russell Mid-cap Growth Index:** Measures the performance of those Russell Mid-cap companies with higher price-to-book ratios and higher forecasted growth values.

**Russell 2000:** Measures the performance of the 2,000 smallest companies in the Russell 3000 Index, which represent approximately 8% of the total market capitalization of the Russell 3000 Index.

**Russell 2000 Value Index:** Measures the performance of those Russell 2000 companies with lower price-to-book ratios and lower forecasted growth values.

**Russell 2000 Growth Index:** Measures the performance of those Russell 2000 companies with higher price-to-book ratios and higher forecasted growth values.

**Russell 3000:** Representing approximately 98% of the investable U.S. equity market, the Russell 3000 index measures the performance of the largest 3,000 U.S. companies

**Standard & Poor's 500 (S&P 500):** Measures changes in stock market conditions based on the average performance of 500 widely held common stocks. Represents approximately 68% of the investable U.S. equity market.

**Bloomberg Commodities Index:** Formerly known as Dow Jones UBS Commodity Index (DJUBS). The Bloomberg Commodity Index is calculated on an excess return basis and composed of futures contracts on 22 physical commodities. It reflects the return of underlying commodity futures price movements.