| Open-End Net Fund Flows (\$) | $11 / 15$ | $10 / 15$ | YTD (Nov) |
| :--- | ---: | ---: | ---: | ---: |
| Equity | -20.57 B | -9.82 B | -40.03 B |
| Taxable Bond | -7.54 B | 1.98 B | -7.56 B |
| Municipal Bond | 2.48 B | 2.38 B | 9.02 B |
| Hybrid | -4.46 B | -2.40 B | -8.55 B |
| Taxable Money Market | 0.76 B | 44.11 B | -0.09 B |


| Key Interest Rates | $12 / 31 / 15$ | $6 / 30 / 15$ | $12 / 31 / 14$ |
| :--- | ---: | ---: | ---: | ---: |
| Federal Funds Target Rate | $0.50 \%$ | $0.25 \%$ | $0.25 \%$ |
| LIBOR (3-Month) | $0.61 \%$ | $0.28 \%$ | $0.26 \%$ |
| 2-Year T-Note | $1.05 \%$ | $0.65 \%$ | $0.67 \%$ |
| 10-Year T-Note | $2.27 \%$ | $2.35 \%$ | $2.17 \%$ |
| Bond Buyer 40 | $4.21 \%$ | $4.47 \%$ | $4.27 \%$ |
| Commodities/U.S. Dollar | $12 / 15$ | 6 Mo. | 12 Mo. |
| U.S. Dollar Index (DXY) | $-1.53 \%$ | $3.29 \%$ | $9.26 \%$ |
| TR/CC CRB Commodity Index | $-3.43 \%$ | $-22.41 \%$ | $-23.40 \%$ |
| Crude Oil (Barrel) | $-11.07 \%$ | $-37.72 \%$ | $-30.47 \%$ |
| Natural Gas (per million BTUs) | $4.46 \%$ | $-17.31 \%$ | $-19.03 \%$ |
| Gold Bullion (Ounce) | $-0.53 \%$ | $-9.52 \%$ | $-10.46 \%$ |

## Total Return Performance

| U.S. Stock Indices | $12 / 15$ | YTD | 12 Mo. |
| :--- | :---: | :---: | :---: |
| S\&P 500 | $-1.59 \%$ | $1.37 \%$ | $1.37 \%$ |
| DJIA | $-1.52 \%$ | $0.21 \%$ | $0.21 \%$ |
| NASDAQ 100 | $-1.48 \%$ | $9.75 \%$ | $9.75 \%$ |
| S\&P 400 | $-4.17 \%$ | $-2.18 \%$ | $-2.18 \%$ |
| Russell 2000 | $-5.02 \%$ | $-4.41 \%$ | $-4.41 \%$ |
| Russell 3000 | $-2.06 \%$ | $0.47 \%$ | $0.47 \%$ |


| U.S. Styles/Market Caps | $12 / 15$ | YTD | 12 Mo. |
| :--- | :---: | :---: | :---: | :---: |
| S\&P 500 Growth | $-1.53 \%$ | $5.51 \%$ | $5.51 \%$ |
| S\&P 500 Value | $-1.69 \%$ | $-3.14 \%$ | $-3.14 \%$ |
| S\&P MidCap 400 Growth | $-3.36 \%$ | $2.01 \%$ | $2.01 \%$ |
| S\&P MidCap 400 Value | $-5.11 \%$ | $-6.66 \%$ | $-6.66 \%$ |
| Russell 2000 Growth | $-4.77 \%$ | $-1.38 \%$ | $-1.38 \%$ |
| Russell 2000 Value | $-5.27 \%$ | $-7.47 \%$ | $-7.47 \%$ |


| Foreign Stock Indices (USD) | $12 / 15$ | YTD | 12 Mo. |
| :--- | ---: | :---: | :---: |
| MSCI World NET (Ex-U.S.) | $-1.79 \%$ | $-3.04 \%$ | $-3.04 \%$ |
| MSCI Emerging Markets NET | $-2.23 \%$ | $-14.92 \%$ | $-14.92 \%$ |
| MSCI Europe NET | $-2.57 \%$ | $-2.84 \%$ | $-2.84 \%$ |
| MSCI BRIC NET | $-1.83 \%$ | $-13.46 \%$ | $-13.46 \%$ |
| MSCI EM Latin America NET | $-4.28 \%$ | $-31.04 \%$ | $-31.04 \%$ |
| Nikkei 225 | $-3.50 \%$ | $10.12 \%$ | $10.12 \%$ |
| Barclays Bond Indices | $12 / 15$ | YTD | 12 Mo. |
| U.S.Treasury: Intermediate | $-0.19 \%$ | $1.18 \%$ | $1.18 \%$ |
| GNMA 30 Year | $0.07 \%$ | $1.41 \%$ | $1.41 \%$ |
| Municipal Bond (22+) | $1.10 \%$ | $4.52 \%$ | $4.52 \%$ |
| U.S. Aggregate | $-0.32 \%$ | $0.55 \%$ | $0.55 \%$ |
| Intermediate Corporate | $-0.58 \%$ | $1.08 \%$ | $1.08 \%$ |
| U.S. Corporate High Yield | $-2.52 \%$ | $-4.47 \%$ | $-4.47 \%$ |
| Global Aggregate | $0.53 \%$ | $-3.15 \%$ | $-3.15 \%$ |
| EM Hard Currency Aggregate | $-1.10 \%$ | $-0.18 \%$ | $-0.18 \%$ |

Sources: Bloomberg, Barclays, Investment Company Institute

## Climate

Regardless of how individual investors perceived the markets in 2015, companies worldwide were extremely active with respect to mergers and acquisition (M\&A) activity. Dealogic reported that the total value of global M\&A activity (announced) topped \$5.0 trillion in 2015, surpassing the previous high set in 2007 by around $9 \%$, according to PRNewswire. There were 10 transactions valued at $\$ 50$ billion or more in 2015 and seven of them involved U.S. companies. The U.S. accounted for half of all global M\&A activity, or about $\$ 2.5$ trillion. The two most active sectors were health care ( $\$ 723.7$ billion) and technology ( $\$ 713.1$ billion). Despite spending hundreds of billions of dollars on acquisitions, stock repurchase programs and dividends in recent years, major corporations remain cash rich. S\&P 500 Industrials (Old), defined as the S\&P 500 minus Financials, Utilities and Transportation companies, had cash and equivalent holdings totaling $\$ 1.30$ trillion in Q3'15, down slightly from the all-time high of $\$ 1.33$ trillion set in Q4'14, according to S\&P Dow Jones Indices.

## Stock Market

The S\&P 500 Index closed 2015 at 2043.94, which was $4.08 \%$ below its all-time high (2130.82) set on $5 / 21 / 15$, according to Bloomberg. The index posted a total return of $1.37 \%$ in 2015, according to Bloomberg. It was the first time the index failed to post a double-digit total return since 2011, when it was up just $2.11 \%$. Five of the 10 major sectors that comprise the index finished the year in positive territory. The top four performers were Consumer Discretionary, Health Care, Consumer Staples and Information Technology, up 10.11\%, 6.89\%, $6.60 \%$ and $5.92 \%$, respectively, on a total return basis. The two worst performers were Energy and Materials, down $21.12 \%$ and $8.38 \%$, respectively. The energy sector's influence on the S\&P 500 Index should ease some in 2016, in our opinion. At the start of the bull market on $3 / 9 / 09$, Energy carried a $14.0 \%$ weighting in the index, according to Bespoke Investment Group. It began 2015 at $8.48 \%$. As of $12 / 31 / 15$, it was down to $6.50 \%$, according to S\&P Dow Jones Indices. The top four performing S\&P 500 Index subsectors in 2015 were Internet Retail, Home Entertainment Software, Construction Materials and Internet Software \& Services, up $83.46 \%, 64.68 \%, 35.93 \%$ and $33.32 \%$, respectively, according to Bloomberg. The two worst performers were Coal \& Consumable Fuel and Diversified Metals \& Mining, down $76.50 \%$ and $70.11 \%$, respectively. Bloomberg's 2016 consensus earnings growth rate estimate for the S\&P 500 Index was $8.62 \%$ as of $12 / 31 / 15$.

## Bond Market

In December, the yield on the benchmark 10-Year Treasury Note (T-Note) rose 6 basis points to $2.27 \%$, which was 10 basis points higher than its $2.17 \%$ yield on $12 / 31 / 14$, according to Bloomberg. With the exception of U.S. high yield corporate and foreign debt, most major bond indices posted positive total returns in 2015 (see chart). On 12/16/15, the Federal Reserve raised its target on the federal funds rate by 25 basis points to $0.50 \%$. It was the first rate hike since June 2006. The yield on the 10-Year T-Note actually declined by 3 basis points from $12 / 16$ to $12 / 31$, according to Bloomberg. Looking at the bigger picture, the amount of government debt in need of refinancing in 2016 by the Group-of-Seven nations (U.S., Canada, France, Germany, Great Britain, Italy and Japan) plus the BRIC countries (Brazil, Russia, India and China) is $\$ 7.1$ trillion, according to Bloomberg. While up slightly from $\$ 7.0$ trillion in 2015, it is notably lower than the \$7.6 trillion refinanced in 2012.

## Takeaway

With respect to equities, investors should be prepared to endure higher levels of volatility in 2016, if for no other reason than the fact that the current bull market ranks as the third longest in history at 82 months (3/9/09-12/31/15) and counting, according to data from Bloomberg, UBS and Benzinga. The VIX Index, which uses S\&P 500 options activity to gauge investors' expectations of volatility, had an average reading of 16.68 in 2015, up from an average of 14.17 in 2014, according to Bloomberg. The index stood at 18.21 on $12 / 31 / 15$, closer to its 20.98 average for the 20-year period ended 12/31/15.

Past performance is no guarantee of future results. Historical performance figures for the indices are for illustrative purposes only and not indicative of any actual investment. Indices are unmanaged and an investor cannot invest directly in an index.

| Index | 10-Yr. High Value | Date | 10-Yr. Low Value | Date | Month-End Value | \% Off High Value | YTD Return (USD) | Month-End Yield |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| S\&P 500 | 2130.82 | 5/21/2015 | 676.53 | 3/9/2009 | 2043.94 | -4.08\% | 1.37\% | 2.15\% |
| S\&P 500 Growth | 1199.09 | 11/3/2015 | 363.99 | 3/9/2009 | 1163.70 | -2.95\% | 5.51\% | 1.59\% |
| S\&P 500 Value | 944.41 | 5/21/2015 | 307.16 | 3/9/2009 | 876.09 | -7.23\% | -3.14\% | 2.73\% |
| S\&P MidCap 400 | 1549.44 | 6/23/2015 | 404.62 | 3/9/2009 | 1398.58 | -9.74\% | -2.18\% | 1.88\% |
| S\&P MidCap 400 Growth | 707.04 | 8/17/2015 | 174.44 | 11/20/2008 | 653.29 | -7.60\% | 2.01\% | 1.28\% |
| S\&P MidCap 400 Value | 533.88 | 6/23/2015 | 144.98 | 3/9/2009 | 468.49 | -12.25\% | -6.66\% | 2.52\% |
| S\&P 100 | 945.61 | 7/20/2015 | 322.13 | 3/9/2009 | 911.43 | -3.61\% | 2.64\% | 2.28\% |
| DJIA | 18312.39 | 5/19/2015 | 6547.05 | 3/9/2009 | 17425.03 | -4.85\% | 0.21\% | 2.55\% |
| NASDAQ 100 | 4719.05 | 11/3/2015 | 1036.51 | 11/20/2008 | 4593.27 | -2.67\% | 9.75\% | 1.17\% |
| Russell 2000 | 1295.80 | 6/23/2015 | 343.26 | 3/9/2009 | 1135.89 | -12.34\% | -4.41\% | 1.61\% |
| Russell 2000 Growth | 808.08 | 6/23/2015 | 190.73 | 3/9/2009 | 707.36 | -12.46\% | -1.38\% | 0.83\% |
| Russell 2000 Value | 1572.13 | 6/23/2015 | 469.32 | 3/9/2009 | 1380.60 | -12.18\% | -7.47\% | 2.42\% |
| Russell 3000 | 1273.39 | 6/23/2015 | 389.61 | 3/9/2009 | 1206.10 | -5.28\% | 0.47\% | 2.05\% |
| MSCI World Net (ex U.S.) (USD) | 5496.51 | 7/3/2014 | 2131.84 | 3/9/2009 | 4784.10 | -12.96\% | -3.04\% | 3.26\% |
| MSCI Emerging Markets Net (USD) | 473.36 | 10/29/2007 | 164.51 | 10/27/2008 | 341.62 | -27.83\% | -14.92\% | 2.92\% |
| lbovespa/Brazil (USD) | 44638.24 | 5/19/2008 | 10720.71 | 9/29/2015 | 11103.42 | -75.13\% | -41.04\% | 4.68\% |
| RTS/Russia (USD) | 2487.92 | 5/19/2008 | 498.20 | 1/23/2009 | 757.04 | -69.57\% | 0.44\% | 4.70\% |
| S\&P BSE 500/India (USD) | 226.04 | 1/7/2008 | 57.52 | 3/9/2009 | 160.57 | -28.96\% | -4.10\% | 1.30\% |
| Shanghai Composite/China (USD) | 832.07 | 6/12/2015 | 146.38 | 1/4/2006 | 545.02 | -34.50\% | 6.25\% | 1.75\% |
| KOSPI/South Korea (USD) | 2.29 | 10/31/2007 | 0.63 | 11/20/2008 | 1.66 | -27.18\% | -4.61\% | 1.26\% |
| Hang Seng (USD) | 4082.25 | 10/30/2007 | 1420.72 | 10/27/2008 | 2827.56 | -30.74\% | -3.88\% | 3.87\% |
| MSCI Euro (USD) | 1985.51 | 10/31/2007 | 682.47 | 3/9/2009 | 1169.24 | -41.11\% | -1.79\% | 3.36\% |
| S\&P 500 Consumer Discretionary | 648.09 | 11/25/2015 | 125.72 | 3/9/2009 | 621.02 | -4.18\% | 10.11\% | 1.56\% |
| S\&P 500 Consumer Staples | 526.08 | 12/29/2015 | 199.80 | 3/9/2009 | 518.42 | -1.46\% | 6.60\% | 2.72\% |
| S\&P 500 Energy | 737.09 | 6/23/2014 | 304.81 | 3/5/2009 | 448.44 | -39.16\% | -21.12\% | 3.75\% |
| S\&P 500 Utilities | 251.40 | 1/29/2015 | 113.81 | 3/9/2009 | 220.00 | -12.49\% | -4.84\% | 3.84\% |
| S\&P 500 Financials | 509.55 | 2/20/2007 | 81.74 | 3/6/2009 | 321.73 | -36.86\% | -1.56\% | 2.08\% |
| S\&P 500 Banks | 414.38 | 2/20/2007 | 49.02 | 3/5/2009 | 234.24 | -43.47\% | 0.85\% | 2.00\% |
| FTSE NAREIT All Equity REITs | 685.39 | 1/26/2015 | 163.57 | 3/6/2009 | 623.76 | -8.99\% | 2.83\% | 3.99\% |
| S\&P 500 Health Care | 892.26 | 7/20/2015 | 252.84 | 3/5/2009 | 833.23 | -6.62\% | 6.89\% | 1.58\% |
| S\&P 500 Pharmaceuticals | 639.79 | 7/20/2015 | 214.50 | 3/3/2009 | 602.17 | -5.88\% | 5.79\% | 2.39\% |
| NYSE Arca Biotechnology | 4431.87 | 7/17/2015 | 541.77 | 3/9/2009 | 3813.96 | -13.94\% | 11.39\% | 0.21\% |
| S\&P 500 Information Technology | 750.26 | 12/4/2015 | 198.51 | 11/20/2008 | 721.48 | -3.84\% | 5.92\% | 1.52\% |
| Philadelphia Semiconductor | 746.08 | 6/1/2015 | 171.32 | 11/20/2008 | 663.48 | -11.07\% | -1.62\% | 2.00\% |
| S\&P 500 Telecom Services | 181.06 | 5/31/2007 | 88.10 | 3/9/2009 | 149.91 | -17.20\% | 3.40\% | 5.12\% |
| S\&P 500 Industrials | 498.14 | 2/20/2015 | 132.83 | 3/9/2009 | 463.53 | -6.95\% | -2.56\% | 2.28\% |
| S\&P 500 Materials | 326.60 | 2/24/2015 | 108.33 | 3/2/2009 | 273.64 | -16.21\% | -8.38\% | 2.31\% |
| Philadelphia Gold \& Silver | 228.95 | 4/8/2011 | 43.21 | 12/17/2015 | 45.30 | -80.21\% | -33.42\% | 1.45\% |
| TR/CC CRB Commodity | 473.52 | 7/2/2008 | 170.70 | 12/17/2015 | 176.14 | -62.80\% | -23.40\% | N/A |
| BofA ML Perpetual Preferred | 225.30 | 12/31/2015 | 51.79 | 3/9/2009 | 225.30 | 0.00\% | 7.60\% | 5.27\% |
| BofA ML U.S. High Yield Constrained | 360.88 | 5/31/2015 | 130.37 | 12/12/2008 | 330.74 | -8.35\% | -4.61\% | 8.90\% |

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