| Open-End Net Fund Flows (\$) | $4 / 16$ | $3 / 16$ | YTD (Apr) |
| :--- | ---: | ---: | ---: |
| Equity | -23.82 B | -9.86 B | -29.84 B |
| Taxable Bond | 13.49 B | 15.95 B | 16.45 B |
| Municipal Bond | 5.58 B | 5.41 B | 19.95 B |
| Hybrid | 0.28 B | 3.16 B | -8.65 B |
| Taxable Money Market | -26.79 B | -2.92 B | 4.47 B |


| Key Interest Rates | $5 / 31 / 16$ | $12 / 31 / 15$ | $5 / 29 / 15$ |  |
| :--- | ---: | ---: | ---: | ---: |
| Federal Funds Rate (Upper) | $0.50 \%$ | $0.50 \%$ | $0.25 \%$ |  |
| LIBOR (3-Month) | $0.69 \%$ | $0.61 \%$ | $0.28 \%$ |  |
| 2-Year T-Note | $0.88 \%$ | $1.05 \%$ | $0.61 \%$ |  |
| 10-Year T-Note | $1.85 \%$ | $2.27 \%$ | $2.12 \%$ |  |
| Bond Buyer 40 | $3.90 \%$ | $4.21 \%$ | $4.39 \%$ |  |
|  |  |  |  |  |
| Commodities/U.S. Dollar | $5 / 16$ | YTD (May) | 12 Mo. |  |
| U.S.Dollar Index (DXY) | $3.02 \%$ |  | $-2.78 \%$ | $-1.05 \%$ |
| TR/CC CRB Commodity Index | $0.83 \%$ | $5.68 \%$ | $-16.59 \%$ |  |
| Crude Oil (Barrel) | $6.93 \%$ | $32.56 \%$ | $-18.57 \%$ |  |
| Natural Gas (per million BTUs) | $5.05 \%$ | $-2.14 \%$ | $-13.26 \%$ |  |
| Gold Bullion (Ounce) | $-5.87 \%$ | $14.58 \%$ | $2.14 \%$ |  |

Total Return Performance

| U.S. Stock Indices | 16 | YTD | 12 Mo. |
| :--- | ---: | ---: | ---: |
| S\&P 500 | $1.80 \%$ | $3.57 \%$ | $1.71 \%$ |
| DJIA | $0.49 \%$ | $3.34 \%$ | $1.39 \%$ |
| NASDAQ 100 | $4.45 \%$ | $-0.89 \%$ | $1.67 \%$ |
| S\&P 400 | $2.31 \%$ | $7.48 \%$ | $-0.42 \%$ |
| Russell 2000 | $2.25 \%$ | $2.27 \%$ | $-5.98 \%$ |
| Russell 3000 | $1.79 \%$ | $3.41 \%$ | $0.22 \%$ |


| U.S. Styles/Market Caps | 5/16 | YTD | 12 Mo . |
| :---: | :---: | :---: | :---: |
| S\&P 500 Growth | 2.67\% | 1.91\% | 2.61\% |
| S\&P 500 Value | 0.91\% | 5.31\% | 0.44\% |
| S\&P MidCap 400 Growth | 3.29\% | 5.29\% | -0.10\% |
| S\&P MidCap 400 Value | 1.42\% | 9.73\% | -0.97\% |
| Russell 2000 Growth | 2.69\% | -1.15\% | -9.15\% |
| Russell 2000 Value | 1.83\% | 5.76\% | -2.76\% |
| Foreign Stock Indices (USD) | 5/16 | YTD | 12 Mo . |
| MSCI World NET (Ex-U.S.) | -1.13\% | 0.06\% | -9.66\% |
| MSCI Emerging Markets NET | -3.73\% | 2.32\% | -17.63\% |
| MSCI Europe NET | -0.59\% | -0.71\% | -9.94\% |
| MSCI BRIC NET | -2.89\% | 0.68\% | -21.84\% |
| MSCI EM Latin America NET | -10.82\% | 12.58\% | -16.25\% |
| Nikkei 225 | 1.23\% | -0.49\% | -4.28\% |
| Barclays Bond Indices | 5/16 | YTD | 12 Mo . |
| U.S.Treasury:Intermediate | -0.15\% | 2.16\% | 2.12\% |
| GNMA 30 Year | 0.13\% | 2.00\% | 2.57\% |
| Municipal Bond (22+) | 0.87\% | 4.21\% | 8.60\% |
| U.S. Aggregate | 0.03\% | 3.45\% | 2.99\% |
| Intermediate Corporate | -0.07\% | 3.54\% | 2.79\% |
| U.S. Corporate High Yield | 0.62\% | 8.06\% | -0.81\% |
| Global Aggregate | -1.34\% | 5.87\% | 5.32\% |
| EM Hard Currency Aggregate | -0.34\% | 6.33\% | 3.24\% |

Sources: Bloomberg, Barclays, Investment Company Institute

## Climate

Since the early stages of the current economic recovery, we have been steadfast in saying that consistent job creation was the silver lining to what has been a relatively modest growth pace to date. U.S. nonfarm payrolls have expanded for 68 consecutive months through May 2016, according to data from the Bureau of Labor Statistics. The average monthly gain has been 199,000 jobs (10/10-5/16). Looking ahead, there is some concern over the 38,000 new jobs created in May, which was well below the consensus target of 160,000 in Bloomberg's survey of top economists. We'll monitor to see if the number for May gets revised up or not. There are plenty of job opportunities still available. On 5/10/16, the Bureau of Labor Statistics reported there were 5.8 million openings in the U.S. as of the end of March.

## Stock Market

The S\&P 500 Index closed at 2,096.96 on $5 / 31 / 16$, which was $1.59 \%$ below its all-time high of $2,130.82$ set on $5 / 21 / 15$, according to Bloomberg. In May, the top three performing major sectors that comprise the S\&P 500 Index were Information Technology, Health Care and Financials, up $5.60 \%, 2.20 \%$ and $2.03 \%$, respectively, on a total return basis. The two worst performers were Energy and Industrials, down $0.58 \%$ and $0.48 \%$, respectively. The top three performing S\&P 500 Index subsectors in May were Home Entertainment Software, Semiconductor Equipment and Security \& Alarm Services, up 19.22\%, 13.35\% and 10.82\%, respectively, according to Bloomberg. The two worst performers were Diversified Metals \& Mining and Department Stores, down 20.86\% and 19.03\%, respectively. Year-to-date through May, the top performing sector was Utilities, up $14.48 \%$, while the top subsector was Gold, up 80.33\%. The VIX Index (Chicago Board Options Exchange Volatility Index), which uses S\&P 500 Index options activity to gauge investors' expectations of volatility, stood at a reading of 14.19 on $5 / 31 / 16$, according to Bloomberg. Year-to-date through May, the index averaged 18.08, up from an average of 16.68 in 2015. It has averaged 19.43 in the current equity bull market (3/9/095/31/16). From 1996-2015 ( 20 years), the index averaged 20.98 . Our point is that despite all of the rhetoric that has been spewed about how bad things are domestically and abroad, some of which comes from political candidates, the levels of volatility displayed by the VIX Index post 2008-2009 financial crisis, for the most part, have not reflected such negativity, in our opinion.

## Bond Market

In May, the yield on the benchmark 10-Year Treasury Note rose two basis points to $1.85 \%$, which was 28 basis points below its $2.13 \%$ yield on $5 / 29 / 15$ and 48 basis points below its three-year average of $2.33 \%$, according to Bloomberg. The aforementioned unexpected drop in the monthly nonfarm payroll number for May triggered a big rally in the Treasury market on $6 / 3 / 16$. U.S. Commodity Futures Trading reported that hedge funds and other speculative investors were net short two-year Treasury note futures for the week ended 5/31/16 by the most since prior to the 2008-2009 financial crisis, according to Bloomberg. Two-year notes rallied on $6 / 3 / 16$ by the most since September 2015, according to Bloomberg. Bond investors were wagering that a positive jobs report might trigger a Fed rate hike in June or July.

## Takeaway

The $22^{\text {nd }}$ Edition of Dalbar's Quantitative Analysis of Investor Behavior revealed that equity fund investors, on average, continue to earn returns significantly below those posted by the S\&P 500 Index, according to MarketWatch. Over the past 20 years (thru 2015), the S\&P 500 Index posted an average annual total return of 8.19\%, compared to an annual gain of 4.67\% for the average equity fund investor. Dalbar estimates that the 3.52 percentage point annual disparity over that 20-year period cost investors approximately $\$ 286$ billion. Dalbar noted in 2015 that underperformance tends to stem from bad investor decisions at critical points, such as during severe market declines and when the market surges. A new study from Bank of America U.S. Trust found that 77\% of the firm's clients rose from the middle class and poorer backgrounds to become high net worth (at least \$3 million in investable assets) individuals by building their wealth slowly over time, according to Yahoo! Finance.

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 <br> High Value | YTD Return (USD) | Month-End Yield |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| S\&P 500 | 2130.82 | 5/21/2015 | 676.53 | 3/9/2009 | 2096.96 | -1.59\% | 3.57\% | 2.17\% |
| S\&P 500 Growth | 1199.09 | 11/3/2015 | 363.99 | 3/9/2009 | 1177.71 | -1.78\% | 1.91\% | 1.66\% |
| S\&P 500 Value | 944.41 | 5/21/2015 | 307.16 | 3/9/2009 | 911.57 | -3.48\% | 5.31\% | 2.70\% |
| S\&P MidCap 400 | 1549.44 | 6/23/2015 | 404.62 | 3/9/2009 | 1493.05 | -3.64\% | 7.48\% | 1.79\% |
| S\&P MidCap 400 Growth | 707.04 | 8/17/2015 | 174.44 | 11/20/2008 | 684.41 | -3.20\% | 5.29\% | 1.26\% |
| S\&P MidCap 400 Value | 533.88 | 6/23/2015 | 144.98 | 3/9/2009 | 509.68 | -4.53\% | 9.73\% | 2.27\% |
| S\&P 100 | 945.61 | 7/20/2015 | 322.13 | 3/9/2009 | 927.65 | -1.90\% | 2.86\% | 2.28\% |
| DJIA | 18312.39 | 5/19/2015 | 6547.05 | 3/9/2009 | 17787.20 | -2.87\% | 3.34\% | 2.58\% |
| NASDAQ 100 | 4719.05 | 11/3/2015 | 1036.51 | 11/20/2008 | 4523.89 | -4.14\% | -0.89\% | 1.28\% |
| Russell 2000 | 1295.80 | 6/23/2015 | 343.26 | 3/9/2009 | 1154.79 | -10.88\% | 2.27\% | 1.57\% |
| Russell 2000 Growth | 808.08 | 6/23/2015 | 190.73 | 3/9/2009 | 696.97 | -13.75\% | -1.15\% | 0.83\% |
| Russell 2000 Value | 1572.13 | 6/23/2015 | 469.32 | 3/9/2009 | 1447.59 | -7.92\% | 5.76\% | 2.28\% |
| Russell 3000 | 1273.39 | 6/23/2015 | 389.61 | 3/9/2009 | 1236.22 | -2.92\% | 3.41\% | 2.10\% |
| MSCI World Net (ex U.S.) (USD) | 5496.51 | 7/3/2014 | 2131.84 | 3/9/2009 | 4786.87 | -12.91\% | 0.06\% | 3.44\% |
| MSCI Emerging Markets Net (USD) | 473.36 | 10/29/2007 | 164.51 | 10/27/2008 | 349.56 | -26.15\% | 2.32\% | 2.95\% |
| Ibovespa/Brazil (USD) | 44638.24 | 5/19/2008 | 9077.09 | 1/21/2016 | 13484.97 | -69.79\% | 21.45\% | 3.60\% |
| RTS/Russia (USD) | 2487.92 | 5/19/2008 | 498.20 | 1/23/2009 | 904.33 | -63.65\% | 19.92\% | 4.27\% |
| S\&P BSE 500/India (USD) | 226.04 | 1/7/2008 | 57.52 | 3/9/2009 | 160.32 | -29.08\% | 0.37\% | 1.46\% |
| Shanghai Composite/China (USD) | 832.07 | 6/12/2015 | 191.40 | 6/14/2006 | 443.13 | -46.74\% | -18.63\% | 2.13\% |
| KOSPI/South Korea (USD) | 2.29 | 10/31/2007 | 0.63 | 11/20/2008 | 1.67 | -27.03\% | 0.21\% | 1.69\% |
| Hang Seng (USD) | 4082.25 | 10/30/2007 | 1420.72 | 10/27/2008 | 2679.08 | -34.37\% | -4.07\% | 4.10\% |
| MSCI Euro (USD) | 1985.51 | 10/31/2007 | 682.47 | 3/9/2009 | 1133.98 | -42.89\% | -0.48\% | 3.67\% |
| S\&P 500 Consumer Discretionary | 648.09 | 11/25/2015 | 125.72 | 3/9/2009 | 628.78 | -2.98\% | 1.88\% | 1.63\% |
| S\&P 500 Consumer Staples | 553.32 | 5/10/2016 | 199.80 | 3/9/2009 | 539.07 | -2.58\% | 5.02\% | 2.58\% |
| S\&P 500 Energy | 737.09 | 6/23/2014 | 304.81 | 3/5/2009 | 496.54 | -32.64\% | 12.41\% | 3.19\% |
| S\&P 500 Utilities | 252.91 | 4/1/2016 | 113.81 | 3/9/2009 | 248.16 | -1.88\% | 14.48\% | 3.43\% |
| S\&P 500 Financials | 509.55 | 2/20/2007 | 81.74 | 3/6/2009 | 319.34 | -37.33\% | 0.16\% | 2.28\% |
| S\&P 500 Banks | 414.38 | 2/20/2007 | 49.02 | 3/5/2009 | 221.25 | -46.61\% | -4.56\% | 2.18\% |
| FTSE NAREIT All Equity REITs | 685.39 | 1/26/2015 | 163.57 | 3/6/2009 | 655.29 | -4.39\% | 6.49\% | 4.25\% |
| S\&P 500 Health Care | 892.26 | 7/20/2015 | 252.84 | 3/5/2009 | 822.36 | -7.83\% | -0.60\% | 1.65\% |
| S\&P 500 Pharmaceuticals | 639.79 | 7/20/2015 | 214.50 | 3/3/2009 | 599.11 | -6.36\% | 0.60\% | 2.45\% |
| NYSE Arca Biotechnology | 4431.87 | 7/17/2015 | 541.77 | 3/9/2009 | 3227.86 | -27.17\% | -15.29\% | 0.26\% |
| S\&P 500 Information Technology | 750.26 | 12/4/2015 | 198.51 | 11/20/2008 | 733.57 | -2.23\% | 2.51\% | 1.64\% |
| Philadelphia Semiconductor | 746.08 | 6/1/2015 | 171.32 | 11/20/2008 | 699.36 | -6.26\% | 6.37\% | 1.89\% |
| S\&P 500 Telecom Services | 181.06 | 5/31/2007 | 88.10 | 3/9/2009 | 167.07 | -7.73\% | 14.18\% | 4.64\% |
| S\&P 500 Industrials | 498.14 | 2/20/2015 | 132.83 | 3/9/2009 | 483.71 | -2.90\% | 5.42\% | 2.28\% |
| S\&P 500 Materials | 326.60 | 2/24/2015 | 108.33 | 3/2/2009 | 293.99 | -9.98\% | 8.43\% | 2.22\% |
| Philadelphia Gold \& Silver | 228.95 | 4/8/2011 | 38.84 | 1/19/2016 | 80.58 | -64.80\% | 78.33\% | 0.76\% |
| TR/CC CRB Commodity | 473.52 | 7/2/2008 | 155.01 | 2/11/2016 | 186.15 | -60.69\% | 5.68\% | N/A |
| BofA ML Perpetual Preferred | 233.96 | 5/31/2016 | 51.79 | 3/9/2009 | 233.96 | 0.00\% | 3.84\% | 5.21\% |
| BofA ML U.S. High Yield Constrained | 360.88 | 5/31/2015 | 130.37 | 12/12/2008 | 357.69 | -0.88\% | 8.15\% | 7.65\% |

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