| Stock Index Performance |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Index | Week | YTD | $12-\mathrm{mo}$ | 2015 | $5-y r$ |
| Dow Jones Industrial Avg. (17,873) | $2.15 \%$ | $3.81 \%$ | $1.20 \%$ | $0.21 \%$ | $10.28 \%$ |
| S\&P 500 (2,099) | $2.32 \%$ | $3.66 \%$ | $1.16 \%$ | $1.37 \%$ | $11.90 \%$ |
| NASDAQ 100 (4,513) | $3.47 \%$ | $-1.14 \%$ | $0.81 \%$ | $9.75 \%$ | $15.58 \%$ |
| S\&P 500 Growth | $2.49 \%$ | $1.98 \%$ | $1.95 \%$ | $5.51 \%$ | $12.96 \%$ |
| S\&P 500 Value | $2.16 \%$ | $5.43 \%$ | $0.03 \%$ | $-3.14 \%$ | $10.73 \%$ |
| S\&P MidCap 400 Growth | $2.79 \%$ | $5.40 \%$ | $-0.65 \%$ | $2.01 \%$ | $9.82 \%$ |
| S\&P MidCap 400 Value | $3.11 \%$ | $9.48 \%$ | $-1.79 \%$ | $-6.66 \%$ | $10.46 \%$ |
| S\&P SmallCap 600 Growth | $3.51 \%$ | $3.13 \%$ | $-0.64 \%$ | $2.74 \%$ | $10.71 \%$ |
| S\&P SmallCap 600 Value | $3.02 \%$ | $7.57 \%$ | $-0.63 \%$ | $-6.70 \%$ | $11.10 \%$ |
| MSCI EAFE | $2.21 \%$ | $-1.06 \%$ | $-10.32 \%$ | $-0.81 \%$ | $2.42 \%$ |
| MSCI World (ex US) | $2.38 \%$ | $0.62 \%$ | $-11.92 \%$ | $-5.66 \%$ | $0.43 \%$ |
| MSCI World | $2.27 \%$ | $1.88 \%$ | $-4.53 \%$ | $-0.87 \%$ | $6.80 \%$ |
| MSCI Emerging Markets | $2.97 \%$ | $2.40 \%$ | $-18.00 \%$ | $-14.92 \%$ | $-4.48 \%$ |
| S\&P GSCI | $1.25 \%$ | $10.05 \%$ | $-24.33 \%$ | $-32.86 \%$ | $-14.72 \%$ |

Source: Bloomberg. Returns are total returns. The 5-yr. return is an average annual. One-week, YTD, 12-mo. and 5-yr. performance returns calculated through 5/27/16.

|  | S\&P Sector Performance |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: | :---: | :---: |
| Index | Week | YTD | $12-\mathrm{mo}$ | 2015 | $5-\mathrm{yr}$. |  |  |  |
| Consumer Discretionary | $2.13 \%$ | $1.95 \%$ | $5.04 \%$ | $10.11 \%$ | $16.51 \%$ |  |  |  |
| Consumer Staples | $1.56 \%$ | $5.54 \%$ | $10.60 \%$ | $6.60 \%$ | $13.63 \%$ |  |  |  |
| Energy | $1.50 \%$ | $13.06 \%$ | $-9.68 \%$ | $-21.12 \%$ | $0.05 \%$ |  |  |  |
| Financials | $2.65 \%$ | $0.51 \%$ | $-1.92 \%$ | $-1.56 \%$ | $10.79 \%$ |  |  |  |
| Health Care | $2.19 \%$ | $-0.74 \%$ | $-3.65 \%$ | $6.89 \%$ | $17.01 \%$ |  |  |  |
| Industrials | $1.60 \%$ | $5.44 \%$ | $2.29 \%$ | $-2.56 \%$ | $11.05 \%$ |  |  |  |
| Information Technology | $3.64 \%$ | $2.38 \%$ | $2.22 \%$ | $5.92 \%$ | $13.76 \%$ |  |  |  |
| Materials | $1.99 \%$ | $9.00 \%$ | $-5.18 \%$ | $-8.38 \%$ | $6.23 \%$ |  |  |  |
| Telecom Services | $1.68 \%$ | $13.61 \%$ | $10.73 \%$ | $3.40 \%$ | $9.50 \%$ |  |  |  |
| Utilities | $1.23 \%$ | $13.84 \%$ | $13.79 \%$ | $-4.84 \%$ | $12.11 \%$ |  |  |  |

Source: Bloomberg. Returns are total returns. The 5-yr. return is an average annual. One-week, YTD, 12-mo. and 5-yr. performance returns calculated through 5/27/16.

| Bond Index Performance |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Index | Week | YTD | $12-\mathrm{mo}$ | 2015 | $5-\mathrm{yr}$. |
| U.S. Treasury: Intermediate | $0.08 \%$ | $2.14 \%$ | $2.32 \%$ | $1.18 \%$ | $2.10 \%$ |
| GNMA 30 Year | $0.07 \%$ | $1.97 \%$ | $2.75 \%$ | $1.41 \%$ | $2.82 \%$ |
| U.S. Aggregate | $0.15 \%$ | $3.40 \%$ | $3.14 \%$ | $0.55 \%$ | $3.34 \%$ |
| U.S. Corporate High Yield | $0.77 \%$ | $7.91 \%$ | $-0.88 \%$ | $-4.47 \%$ | $5.43 \%$ |
| U.S. Corporate Investment Grade | $0.38 \%$ | $5.24 \%$ | $3.72 \%$ | $-0.68 \%$ | $4.80 \%$ |
| Municipal Bond: Long Bond (22+) | $-0.10 \%$ | $4.14 \%$ | $8.84 \%$ | $4.52 \%$ | $7.51 \%$ |
| Global Aggregate | $0.21 \%$ | $6.05 \%$ | $5.84 \%$ | $-3.15 \%$ | $1.27 \%$ |

Source: Barclays Capital. Returns are total returns. The 5-yr. return is an average annual. One-week, YTD, 12-mo. and 5-yr. performance returns calculated through 5/27/16.

| Key Rates |  |  |  |
| :--- | ---: | :--- | :--- |
| As of 5/27/16 |  |  |  |
| Fed Funds | $0.25-0.50 \%$ | $5-y r ~ C D$ | $1.63 \%$ |
| LIBOR (1-month) | $0.45 \%$ | 2-yr T-Note | $0.91 \%$ |
| CPI - Headline | $1.10 \%$ | 5-yr T-Note | $1.39 \%$ |
| CPI - Core | $2.10 \%$ | 10-yr T-Note | $1.85 \%$ |
| Money Market Accts. | $0.54 \%$ | 30-yr T-Bond | $2.65 \%$ |
| Money Market Funds | $0.10 \%$ | 30-yr Mortgage Refinance | $3.66 \%$ |
| 6-mo CD | $0.33 \%$ | Prime Rate | $3.50 \%$ |
| 1-yr CD | $1.09 \%$ | Bond Buyer 40 | $3.90 \%$ |

Sources: Bankrate.com, iMoneyNet.com and Bloomberg.

| Weekly Fund Flows |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- |
| Estimated Flows to Long-Term Mutual Funds for the Week Ended 5/18/16 |  |  |  |  |
| Current Week |  |  |  | Previous |
| Domestic Equity | $-\$ 2.013$ | Billion | $-\$ 4.877$ | Billion |
| Foreign Equity | $\$ 844$ | Million | $\$ 430$ | Million |
| Taxable Bond | $\$ 1.494$ | Billion | $\$ 2.127$ | Billion |
| Municipal Bond | $\$ 2.183$ | Billion | $\$ 2.014$ | Billion |
| Change in Money Market Fund Assets for the Week Ended $5 / 25 / 16$ |  |  |  |  |
| Current Week |  |  |  |  |

Source: Investment Company Institute.

## Factoids for the week of May 23-27, 2016

## Monday, May 23, 2016

The Pharmaceutical Research and Manufacturers of America reported that its member companies invested an estimated $\$ 58.8$ billion in research and development (R\&D) in 2015, up 10.3\% from 2014, according to its own release. The biopharmaceutical industry accounted for an estimated $17 \%$ of all U.S. business R\&D spending in 2015. Long-term R\&D investments (more than $\$ 500$ billion since 2000) have led to more medicines in clinical development than ever before. Currently, there are more than 7,000 medicines in development worldwide. A record 56 medicines were approved by the Food \& Drug Administration in 2015. Only $12 \%$ of medicines in clinical trials ever make it to patients.

## Tuesday, May 24, 2016

The Wireless Association reported that Americans used 9.6 trillion megabytes (MB) of data in 2015, three times the 3.2 trillion MB used in 2013, according to 24/7 Wall St. There were more than 228 million smartphones in the U.S. in 2015, up nearly $10 \%$ from 2014. There were more than 41 million tablets on wireless networks, up $16 \%$ from 2014. To handle the increase in usage, U.S. wireless carriers invested close to $\$ 32$ billion in 2015, including adding almost 10,000 new cell sites. Since 2010, carriers have invested more than \$177 billion in infrastructure.

Wednesday, May 25, 2016
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 (HNW) individuals by building their wealth slowly over time, according to Yahoo! Finance. HNW clients have at least $\$ 3$ million in investable assets. The study also revealed the following about HNW individuals: $86 \%$ of those polled said they made their biggest gains through long-term buy and hold strategies; $89 \%$ via traditional stocks and bonds; and $83 \%$ benefitted from a series of small wins versus taking big investment risks.

## Thursday, May 26, 2016

A white paper from the Tax Policy Center revealed that retirement plans own the most U.S. corporate stock, with the two largest types being IRAs and defined-benefit plans, according to Business Insider. In 2015, retirement accounts held approximately $37 \%$ of stock outstanding. From 1965 through 2015, the amount of U.S. stock owned by individual investors and funds outside retirement and nontaxable accounts, such as 529 college-savings plans, declined from over $80 \%$ (1965) to about $25 \%$ (2015). Foreigners now account for $25 \%$ of U.S. stock ownership.

## Friday, May 27, 2016

The 22st 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.

| Market Indicators |  |
| :--- | ---: |
| As of 5/27/16 |  |
| TED Spread | 38 bps |
| Investment Grade Spread (A2) | 169 bps |
| ML High Yield Master II Index Spread | 608 bps |

Sources: Bloomberg and Merrill Lynch via Bloomberg.

