

# Dordt College Defender Capital Management Annual Report <br> For the Year December 31, 2016 

The $4^{\text {th }}$ quarter of 2016 ended on a very high note, with the markets reaching new highs with the help of surprising events (Presidential Election), Fed raising the interest rates 0.25 percentage points, and of course DCM reaching new highs in portfolio value and beating the S\&P 500 returns for 2016. Pre-election night, everyone thought they knew the outcome and the markets had already adjusted for Clinton to win, but when the sight of Trump winning the futures markets tumbled before the opening the next morning. Since, the election the S\&P 500 has reached record highs gaining $3.5 \%$, with the financial and energy sector performing the best because of the hope of better economic conditions for these sectors coming from the Trump administration. Financial stocks spiked after the election being spurred on by rising interest rates and looser regulations. The Energy sector rose $7 \%$ in the quarter with the stabilizing price of oil. For the first time in 2016, the Federal Reserve raised rates because of positive economic data and encouraging signs of a strengthening US economy, but also a positive outlook on global expansion. US GDP grew only $1.9 \%$ for the year, which was hampered by the lag in the beginning of the year, but increased toward the end of the year. Consumer spending increased by $2.5 \%$ and US imports increased $8.3 \%$, which reflects a stronger economy and a strengthening US dollar.

For DCM, the $4^{\text {th }}$ quarter was busy but also exciting, with the portfolio value ending at $\$ 400,158.52$ and our return for the quarter being $4.54 \%$ and our yearly return being $15.97 \%$, beating the S\&P 500's return of $11.96 \%$ by $4.01 \%$. DCM had three purchases during the quarter, which involved buying $\$ 5,000$ position in PEP, $\$ 10,000$ position in NKE, and switching $C$ shares of Under Amour to the A shares. We also had two sales in the quarter, which consisted of reducing our exposure in IBM by selling half our position and selling our entire position in MSFT. DCM sold MSFT for $\$ 21,058.66$ with a realized gain of $\$ 10,000$. DCM is still looking to have our sector weights be closely correlated with S\&P 500 weights, but understand that we are looking for sectors that will get us the best returns. In the $4^{\text {th }}$ quarter DCM saw a change in value of $\$ 65,240.80$ which was credited to the biggest gainers $C+25.83 \%$, WFC $+24.46 \%$, and MET $+21.29 \%$, but weighed down by UAA $-24.90 \%$, BABA $-17.00 \%$, and PG $-6.32 \%$ who were the biggest losers for the quarter. As a club, we are excited to see the portfolio increasing to record highs, as well as learning more about investing together. With the opportunities in the market in the coming year and the increased involvement from students, we believe the future of the club is bright.

The members of DCM are thankful to those who have made contributions to the club over the years. As the challenges of managing a growing portfolio continue, we look forward to serving and honoring the Lord with the talents and funds we have been given. Thank you.

Sincerely,


Dylan Reinders, President


Lucas Jacobsma, President


Zach Van Vugt, Vice President

## Defender Capital Management

## Table of Contents

I. Transactions ..... Page 3
II. Portfolio Diversification ..... Page 4
III. Statement of Position ..... Page 5
IV. 2016 Income ..... Page 6
V. Annual Performance ..... Page 7
VI. Cumulative Performance ..... Page 8

## Defender Capital Management

## I. Transactions

| Dordt College Defender Capital Management |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Trade Log |  |  |  |  |  |  |
| For the Year Ended December 31, 2016 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Trade Date | Quantity | Security | Unit Price | Amount |  | mission |
| PURCHASES |  |  |  |  |  |  |
| 2/18/2016 | 695 | KMI | 14.37 | 9994.15 | \$ | (7.00) |
| 3/31/2016 | 235 | MET | 42.61 | 10020.35 | \$ | (7.00) |
| 5/12/2016 | 137 | C | 43.786 | 6005.68 | \$ | (7.00) |
| 5/12/2016 | 210 | RIO | 28.576 | 6007.96 | \$ | (7.00) |
| 10/17/2016 | 47 | PEP | 105.785 | 4978.9 | \$ | (7.00) |
| 11/1/2016 | 289 | IWB | 118.44 | 34236.16 | \$ | (7.00) |
| 11/22/2016 | 195 | NKE | 51.26 | 10002.7 | \$ | (7.00) |
| 11/22/2016 | 93 | UA | 32.12 | 2994.16 | \$ | (7.00) |
|  |  |  |  | \$ 84,240.06 | \$ | (56.00) |
| SALES |  |  |  |  |  |  |
| 2/18/2016 | 100 | IWB | 101.771 | 10169.87 | \$ | (7.23) |
| 3/31/2016 | 89 | IWB | 112.382 | 9994.78 | \$ | (7.22) |
| 10/4/2016 | 63 | IBM | 158.8101 | 9997.83 | \$ | (7.21) |
| 10/31/2016 | 346 | MSFT | 60.8836 | 21058.24 | \$ | (7.49) |
| 11/21/2016 | 82 | IWB | 121.2434 | 9934.75 | \$ | (7.21) |
| 11/21/2016 | 121 | UA/C | 25.2085 | 3043.16 | \$ | (7.07) |
|  |  |  |  | \$ 64,198.63 | \$ | (43.43) |

## Defender Capital Management

## II. Portfolio Diversification

| Dordt Defender Capital Management |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Portfolio to S\&P 500 Diversification |  |  |  |  |
| 12/31/2016 |  |  |  |  |
| Industry | \% of S\&P 500 | \% of DCM Portfolio | Targeted Amount for Future Investments (\%) | Targeted <br> Amount for <br> Future <br> Investments (\$) |
| Consumer Discretionary | 12.00\% | 7.94\% | 4.06\% | \$16,263.52 |
| Consumer Staples | 9.40\% | 9.97\% | -0.57\% | (\$2,283.17) |
| Energy | 7.60\% | 10.44\% | -2.84\% | (\$11,350.50) |
| Financials | 14.80\% | 16.68\% | -1.88\% | $(\$ 7,509.85)$ |
| Health Care | 13.60\% | 11.11\% | 2.49\% | \$9,977.08 |
| Industrials | 10.30\% | 7.67\% | 2.63\% | \$10,525.89 |
| Information Tech | 20.80\% | 17.18\% | 3.62\% | \$14,471.95 |
| Materials | 2.80\% | 4.52\% | -1.72\% | (\$6,871.76) |
| REITs | 2.90\% | 0.00\% | 2.90\% | \$11,604.60 |
| Telecommunications | 2.70\% | 1.52\% | 1.18\% | \$4,722.49 |
| Utilities | 3.20\% | 2.39\% | 0.81\% | \$3,258.26 |
| Totals | 100.00\% | 89.40\% |  |  |
| IWB |  | 10.14\% |  |  |
| Cash |  | 0.46\% |  |  |
| Total |  | 100.00\% |  |  |
| *Targeted investment amounts are calculated based on a total portfolio value of |  |  |  |  |
| \$ 400,158.52 |  |  |  |  |


|  | Last Quarter | This Quarter | Change |
| :--- | ---: | ---: | ---: |
| Consumer Discretionary | $36,327.82$ | $31,755.50$ | $-12.59 \%$ |
| Consumer Staples | $26,447.14$ | $39,898.07$ | $50.86 \%$ |
| Energy | $41,386.07$ | $41,762.55$ | $0.91 \%$ |
| Financials | $56,431.07$ | $66,733.31$ | $18.26 \%$ |
| Health Care | $41,587.64$ | $44,444.48$ | $6.87 \%$ |
| Industrials | $29,031.57$ | $30,690.44$ | $5.71 \%$ |
| Information Tech | $98,822.63$ | $68,761.02$ | $-30.42 \%$ |
| Materials | $15,698.00$ | $18,076.20$ | $15.15 \%$ |
| REITs | - | - | \#DIV/0! |
| Telecommunications | $5,807.23$ | $6,081.79$ | $4.73 \%$ |
| Utility | $8,955.01$ | $9,546.81$ | $6.61 \%$ |

## Defender Capital Management

III. Statement of Position

Dordt College Defender Capital Management

| Dordt College Defender Capital Management |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statement of Position |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| December 31, 2016 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Shares <br> Owned | Purchase Price | Total Cost* | Current <br> Price | Market Value |  |  |  |  |  |  |  |  | Change in Value |  |
| Security |  |  |  |  |  | $\begin{aligned} & \text { Gain / } \\ & \text { (Loss) } \end{aligned}$ | Percent <br> Change | Percent of Portfolio | Ending Beta | Weighte <br> d Beta | Last <br> Period <br> Price | Current <br> Period <br> Return | Last Period Value |  |  |
| AAPL | 147 | 66.23 | 9,735.25 | 115.82 | 17,025.54 | 7,290.29 | 74.89\% | 4.3\% | 1.45 | 0.062 | 113.05 | 2.45\% | \$ 11,781.42 | \$ | 5,244.12 |
| AFL | 132 | 45.56 | 6,014.04 | 69.6 | 9,187.20 | 3,173.16 | 52.76\% | 2.3\% | 1.05 | 0.024 | 71.87 | -3.16\% | \$ 8,817.60 | \$ | 369.60 |
| ANTM | 154 | 91.05 | 14,021.01 | 143.77 | 22,140.58 | 8,119.57 | 57.91\% | 5.5\% | 0.73 | 0.041 | 125.31 | 14.73\% | \$ 14,021.01 | \$ | 8,119.57 |
| BABA | 120 | 74.98 | 8,997.76 | 87.81 | 10,537.20 | 1,539.44 | 17.11\% | 2.6\% | 0.00 | 0.000 | 105.79 | -17.00\% | \$ 14,022.01 | \$ | $(3,484.81)$ |
| C | 300 | 45.09 | 13,527.00 | 59.43 | 17,829.00 | 4,302.00 | 31.80\% | 4.5\% | 1.55 | 0.069 | 47.23 | 25.83\% | \$ 14,023.01 | \$ | 3,805.99 |
| CAT | 109 | 100.39 | 10,942.58 | 92.74 | 10,108.66 | (833.92) | -7.62\% | 2.5\% | 1.61 | 0.041 | 88.77 | 4.47\% | \$ 14,024.01 | \$ | $(3,915.35)$ |
| CSCO | 330 | 19.87 | 6,557.50 | 30.22 | 9,972.60 | 3,415.10 | 52.08\% | 2.5\% | 1.41 | 0.035 | 31.72 | -4.73\% | \$ 7,401.90 | \$ | 2,570.70 |
| CVX | 106 | 83.52 | 8,853.16 | 117.7 | 12,476.20 | 3,623.04 | 40.92\% | 3.1\% | 1.19 | 0.037 | 102.92 | 14.36\% | \$ 13,240.46 | \$ | (764.26) |
| ESLT | 202 | 59.23 | 11,964.94 | 101.89 | 20,581.78 | 8,616.84 | 72.02\% | 5.1\% | 0.64 | 0.033 | 95.82 | 6.33\% | \$ 11,964.94 | \$ | 8,616.84 |
| EXC | 269 | 37.33 | 10,042.77 | 35.49 | 9,546.81 | (495.96) | -4.94\% | 2.4\% | 0.38 | 0.009 | 33.29 | 6.61\% | \$ 7,367.91 | \$ | 2,178.90 |
| GOOG | 23 | 516.97 | 11,890.32 | 771.82 | 17,751.86 | 5,861.54 | 49.30\% | 4.4\% | 0.94 | 0.042 | 777.29 | -0.70\% | \$ 11,923.06 | \$ | 5,828.80 |
| HPE | 194 | 24.72 | 4,795.58 | 23.14 | 4,489.16 | (306.42) | -6.39\% | 1.1\% | 0.00 | 0.000 | 22.75 | 1.71\% | \$ 11,924.06 | \$ | $(7,434.90)$ |
| HPQ | 622 | 14.92 | 9,282.23 | 14.84 | 9,230.48 | (51.75) | -0.56\% | 2.3\% | 1.78 | 0.041 | 15.53 | -4.44\% | \$ 11,925.06 | \$ | $(2,694.58)$ |
| IBM | 62 | 178.24 | 11,050.57 | 165.99 | 10,291.38 | (759.19) | -6.87\% | 2.6\% | 0.87 | 0.022 | 158.85 | 4.49\% | \$ 11,926.06 | \$ | $(1,634.68)$ |
| IWB | 326 | 115.59 | 37,682.96 | 124.46 | 40,573.96 | 2,891.00 | 7.67\% | 10.1\% | 0.00 | 0.000 | 120.46 | 3.32\% | \$ 11,927.06 | \$ | 28,646.90 |
| JNJ | 100 | 50.14 | 5,013.80 | 115.21 | 11,521.00 | 6,507.20 | 129.79\% | 2.9\% | 0.68 | 0.019 | 118.13 | -2.47\% | \$ 11,928.06 | \$ | (407.06) |
| KMI | 695 | 14.38 | 9,994.17 | 20.71 | 14,393.45 | 4,399.28 | 44.02\% | 3.6\% | 0.81 | 0.029 | 23.13 | -10.46\% | \$ 11,930.06 | \$ | 2,463.39 |
| MET | 235 | 42.64 | 10,020.35 | 53.89 | 12,664.15 | 2,643.80 | 26.38\% | 3.2\% | 1.44 | 0.046 | 44.43 | 21.29\% | \$ 11,931.06 | \$ | 733.09 |
| NKE | 195 | 51.26 | 9,995.70 | 50.83 | 9,911.85 | (83.85) | -0.84\% | 2.5\% | 0.42 | $0.011^{\prime \prime}$ | \#N/A | \#N/A | \$ 11,932.56 | \$ | $(2,020.71)$ |
| PEP | 154 | 85.63 | 13,186.46 | 104.63 | 16,113.02 | 2,926.56 | 22.19\% | 4.0\% | 0.70 | 0.028 | 108.77 | -3.81\% | \$ 11,933.96 | \$ | 4,179.06 |
| PG | 165 | 63.47 | 10,472.47 | 84.08 | 13,873.20 | 3,400.73 | 32.47\% | 3.5\% | 0.53 | 0.018 | 89.75 | -6.32\% | \$ 11,935.36 | \$ | 1,937.84 |
| RIO | 470 | 38.97 | 18,315.52 | 38.46 | 18,076.20 | (239.32) | -1.31\% | 4.5\% | 1.12 | 0.051 | 33.4 | 15.15\% | \$ 11,936.06 | \$ | 6,140.14 |
| SYK | 90 | 55.58 | 5,002.00 | 119.81 | 10,782.90 | 5,780.90 | 115.57\% | 2.7\% | 0.60 | 0.016 | 116.41 | 2.92\% | \$ 11,938.06 | \$ | $(1,155.16)$ |
| T | 143 | 26.08 | 3,729.20 | 42.53 | 6,081.79 | 2,352.59 | 63.09\% | 1.5\% | 0.43 | 0.007 | 40.61 | 4.73\% | \$ 11,939.06 | \$ | $(5,857.27)$ |
| TM | 128 | 109.05 | 13,959.00 | 117.2 | 15,001.60 | 1,042.60 | 7.47\% | 3.7\% | 0.68 | 0.025 | 116.06 | 0.98\% | \$ 11,940.06 | \$ | 3,061.54 |
| UA | 214 | 34.73 | 7,432.76 | 29.05 | 6,216.70 | $(1,216.06)$ | -16.36\% | 1.6\% | 0.06 | 0.001 | 38.68 | -24.90\% | \$ 11,941.06 | \$ | $(5,724.36)$ |
| USB | 370 | 30.07 | 11,124.61 | 51.37 | 19,006.90 | 7,882.30 | 70.85\% | 4.7\% | 0.93 | 0.044 | 42.89 | 19.77\% | \$ 9,190.05 | \$ | 9,816.85 |
| WFC | 146 | 51.30 | 7,490.30 | 55.11 | 8,046.06 | 555.76 | 7.42\% | 2.0\% | 1.02 | 0.021 | 44.28 | 24.46\% | \$ 8,502.80 | \$ | (456.74) |
| XOM | 165 | 85.68 | 14,137.50 | 90.26 | 14,892.90 | 755.40 | 5.34\% | 3.7\% | 0.64 | 0.024 | 87.28 | 3.41\% | \$ 7,815.55 | \$ | 7,077.35 |
|  |  |  | \$ 315,231.48 |  | \$398,324.13 | \$ 83,092.65 |  | 99.5\% |  | 0.791 |  |  |  | \$ | 65,240.80 |
|  | Cash |  | \$ 1,834.39 |  | \$ 1,834.39 |  |  | 0.5\% |  |  |  |  |  |  |  |
|  | TOTAL PORTFOLIO |  | \$ 317,065.87 |  | \$400,158.52 |  |  | 100.0\% |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Calculate using FIFO cost method net of comissions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

As indicated in the statement above, the majority of our stocks have been profitable, the notable exceptions being Alibaba (BABA), Kinder Morgan (KMI), and Under Armour (UA). However, even with these underperformers as a whole our portfolio has done very well in 2016 and puts us in a good position for 2017 and beyond. Since we look for long term growth in our portfolio, we don't panic when a stock doesn't perform as well as we hope. Some of our biggest gainers are Anthem (ANTM) Citigroup (C), Elbit Systems (ESLT), and Apple (AAPL).

## Defender Capital Management

## IV. 2016 Income

| Dordt College Defender Capital Management |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statement of Dividends and Interest |  |  |  |  |  |  |  |  |
| For the Year Ended December 31, 2016 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| DIVIDENDS |  |  |  |  |  |  |  |  |
| Security | Q1 | Q2 | Q3 | Q4 | 2016 Total | $\begin{gathered} 2016 \\ \text { Yield } \end{gathered}$ | 2015 Total | $\begin{array}{r} 2015 \\ \text { Yield } \end{array}$ |
| AAPL | \$ 76.44 | \$ 83.79 | \$ 83.79 | \$ 83.79 | \$ 327.81 | 1.93\% | \$ 495.41 | 1.63\% |
| AFL | \$ 54.12 | \$ 54.12 | \$ 54.12 | \$ 56.76 | \$ 219.12 | 2.39\% | \$ 330.02 | 2.13\% |
| ANTM | \$ 100.10 | \$ 100.10 | \$ 100.10 | \$ 100.10 | \$ 400.40 | 1.81\% | \$ 600.62 | 1.39\% |
| BABA | \$ | \$ | \$ | \$ | \$ | 0.00\% | \$ |  |
| C | \$ 8.15 | \$ 8.15 | \$ 48.00 | \$ 48.00 | \$ 112.30 | 0.63\% | \$ 208.31 | 0.08\% |
| CAT | \$ 83.93 | \$ 83.92 | \$ 83.93 | \$ 83.93 | \$ 335.71 | 3.32\% | \$ 503.60 | 1.89\% |
| CSCO | \$ 69.30 | \$ 85.80 | \$ 85.80 | \$ 85.80 | \$ 326.70 | 3.28\% | \$ 498.33 | 2.27\% |
| CVX | \$ 113.42 | \$ 113.42 | \$ 113.42 | \$ 114.48 | \$ 454.74 | 3.64\% | \$ 682.68 | 2.44\% |
| EXC | \$ 83.39 | \$ 85.54 | \$ 85.54 | \$ 85.54 | \$ 340.01 | 3.56\% | \$ 511.13 | 5.31\% |
| ESLT | \$ | \$ 80.80 | \$ 80.80 | \$ 80.80 | \$ 242.40 | 1.18\% | \$ 404.01 | 5.31\% |
| GOOG | \$ | \$ | \$ | \$ | \$ | 0.00\% | \$ |  |
| HPE | \$ 10.67 | \$ 10.67 | \$ 10.67 | \$ 10.67 | \$ 42.68 | 0.95\% | \$ 64.03 | 4.10\% |
| HPQ | \$ 24.06 | \$ 77.13 | \$ 77.13 | \$ 77.13 | \$ 255.45 | 2.77\% | \$ 409.74 | 2.57\% |
| IBM | \$ 162.50 | \$ 175.00 | \$ 175.00 | \$ 86.80 | \$ 599.30 | 5.82\% | \$ 861.16 | 1.97\% |
| IWB | \$ 142.99 | \$ | \$ 131.43 | \$ 221.24 | \$ 495.66 | 1.22\% | \$ 848.34 | 1.24\% |
| JNJ | \$ 75.00 | \$ 80.00 | \$ 80.00 | \$ 80.00 | \$ 315.00 | 2.73\% | \$ 475.03 | 2.83\% |
| KMI | \$ | \$ 86.88 | \$ 86.88 | \$ 86.88 | \$ 260.64 | 1.81\% | \$ 434.42 | 2.23\% |
| MET | \$ | \$ 94.00 | \$ 94.00 | \$ 94.00 | \$ 282.00 | 2.23\% | \$ 470.02 | 2.59\% |
| MSFT | \$ 124.56 | \$ 124.56 | \$ 124.56 | \$ | \$ 373.68 | 2.95\% | \$ 498.27 | 0.00\% |
| NKE | \$ | \$ | \$ | \$ | \$ | 0.00\% | \$ | 0.00\% |
| PEP | \$ 150.34 | \$ 80.52 | \$ 80.52 | \$ | \$ 311.38 | 1.93\% | \$ 391.92 | 1.25\% |
| PG | \$ 109.38 | \$ 110.47 | \$ 110.47 | \$ 110.47 | \$ 440.79 | 3.18\% | \$ 661.76 | 2.91\% |
| RIO | \$ | \$ 277.32 | \$ 209.57 | \$ | \$ 486.89 | 2.69\% | \$ 696.49 | - |
| SYK | \$ 34.20 | \$ 34.20 | \$ 34.20 | \$ 34.20 | \$ 136.80 | 1.27\% | \$ 205.21 | 1.41\% |
| T | \$ 68.64 | \$ 68.64 | \$ 68.64 | \$ 68.64 | \$ 274.56 | 4.51\% | \$ 411.89 | 5.12\% |
| TM | \$ | \$ 254.91 | \$ | \$ 223.73 | \$ 478.64 | 3.19\% | \$ 702.40 | 4.03\% |
| UA | \$ | \$ | \$ | \$ | \$ | 0.00\% | \$ | - |
| UA/C | \$ | \$ | 32.75 | 0 | \$ 32.75 | 0.53\% | \$ 65.51 | 1.40\% |
| USB | \$ 94.35 | \$ 94.35 | \$ 94.35 | \$ 103.60 | \$ 386.65 | 6.22\% | \$ 584.66 | 2.05\% |
| WFC | \$ 54.75 | \$ 55.48 | \$ 55.48 | \$ 55.48 | \$ 221.19 | 3.56\% | \$ 332.19 | 2.55\% |
| XOM | \$ 120.45 | \$ 123.75 | \$ 123.75 | \$ 123.75 | \$ 491.70 | 7.91\% | \$ 739.28 | 2.43\% |
| Total Dividends | \$1,760.74 | \$2,443.52 | \$2,324.90 | \$2,115.79 | \$8,644.95 |  | \$13,086.41 |  |
| Interest | \$ 0.02 | \$ 0.26 | \$ 209.57 | \$ 0.15 | \$ 210.00 |  | \$ 0.85 |  |
| Foreign Tax | \$ | \$ 71.36 | \$ 100.10 | \$ 50.42 | \$ 221.88 |  | \$ (77.54) |  |
| Total Income | \$1,760.76 | \$2,372.42 | \$2,436.77 | \$2,065.52 | \$8,725.47 |  | \$13,009.72 |  |

## Defender Capital Management

## V. 2016 Performance

Dordt College Defender Capital Management
Consolidated Performance Reports
For the Quarter Ended December 31, 2016


## 2016 <br> YTD Portfolio Performance

In Comparison to Benchmarks


## Defender Capital Management

## VI. Cumulative Performance

| Money Weighted Returns computation |  |  |  |  |  | DCM money-weighted annual returns since inception | S\&P money-weighted comparative annual returns since inception |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparison to S\&P returns |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 10.52\% | 12.42\% |  |
| Contribution | Contribution | Y-Charts | Google Fin SP500TR | S\&P Index return between contributions | Accumulation if invested in S\&P Index Fund | Accumulation + most recent contribution | Contribution | Contribution |
| Dates | Amounts | S\&P w Divs | Green =Imputed |  |  |  | Dates | Amounts |
| 2/28/2007 | \$ 12,025.00 | 115.71 | 2179.87 |  |  |  | 2/28/2007 | \$ 12,025.00 |
| 3/12/2007 | \$ 3,500.00 | 115.76 | 2180.81 | 0.04\% | \$ 12,030.20 | 15,530.20 | 3/12/2007 | \$ 3,500.00 |
| 9/14/2007 | \$ 1,000.00 | 123.26 | 2322.10 | 6.48\% | \$ 16,536.39 | 17,536.39 | 9/14/2007 | \$ 1,000.00 |
| 1/28/2008 | \$ 2,975.00 | 113.08 | 2130.32 | -8.26\% | \$ 16,088.06 | 19,063.06 | 1/28/2008 | \$ 2,975.00 |
| 10/23/2008 | \$ 10,000.00 | 77.88 | 1467.19 | -31.13\% | \$ 13,129.03 | 23,129.03 | 10/23/2008 | \$ 10,000.00 |
| 11/10/2008 | \$ 40,000.00 | 78.68 | 1482.26 | 1.03\% | \$ 23,366.62 | 63,366.62 | 11/10/2008 | \$ 40,000.00 |
| 6/17/2010 | \$ 65,000.00 | 98.65 | 1858.47 | 25.38\% | \$ 79,449.89 | 144,449.89 | 6/17/2010 | \$ 65,000.00 |
| 9/12/2012 | \$ 20,000.00 | 132.96 | 2504.84 | 34.78\% | \$ 194,688.87 | 214,688.87 | 9/12/2012 | \$ 20,000.00 |
| 9/11/2013 | \$ 22,000.00 | 159.47 | 3010.94 | 20.20\% | \$ 258,066.51 | 280,066.51 | 9/11/2013 | \$ 22,000.00 |
| 9/3/2014 | \$ 8,000.00 | 192.46 | 3639.35 | 20.87\% | \$ 338,518.88 | 346,518.88 | 9/3/2014 | \$ 8,000.00 |
| 7/24/2015 | \$ 20,000.00 | 203.59 | 3850.15 | 5.79\% | \$ 366,590.10 | 386,590.10 | 7/24/2015 | \$ 20,000.00 |
| 4/8/2016 | \$ 15,000.00 | 203.44 | 3841.98 | -0.21\% | \$ 385,769.75 | 400,769.75 | 4/8/2016 | \$ 15,000.00 |
| 12/31/2016 | \$ (400,158.52) | 209.48 | 4278.66 | 11.37\% | \$ 446,321.30 |  | 12/31/2016 | \$ $(446,321.30)$ |
|  | DCM ending bal. |  |  |  |  |  | Balance if investe | ed in S\&P index |

