OPEN SESSION PRE-READ - COMMITTEE ON FINANCIAL AFFAIRS





Investment Portfolio Evaluation For Periods Ending September 30, 2019:



Board of Visitors Endowment

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The Optimal Service Group

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| | | Fiscal | | | | | |
|--|-------|--------|------|--------|---------|---------|----------|
| Index Name | 3Q19 | YTD | YTD | 1 Year | 3 Years | 5 Years | 10 Years |
| Dow Jones Industrial Average | 1.8 | 1.8 | 17.5 | 4.2 | 16.4 | 12.3 | 13.6 |
| NASDAQ | 0.2 | 0.2 | 21.5 | 0.5 | 15.9 | 13.5 | 15.5 |
| S&P 500 | 1.7 | 1.7 | 20.6 | 4.3 | 13.4 | 10.8 | 13.2 |
| Russell 1000 | 1.4 | 1.4 | 20.5 | 3.9 | 13.2 | 10.6 | 13.2 |
| Russell 1000 Value | 1.4 | 1.4 | 17.8 | 4.0 | 9.4 | 7.8 | 11.5 |
| Russell 1000 Growth | 1.5 | 1.5 | 23.3 | 3.7 | 16.9 | 13.4 | 14.9 |
| Russell Midcap | 0.5 | 0.5 | 21.9 | 3.2 | 10.7 | 9.1 | 13.1 |
| Russell Midcap Value | 1.2 | 1.2 | 19.5 | 1.6 | 7.8 | 7.6 | 12.3 |
| Russell Midcap Growth | (0.7) | (0.7) | 25.2 | 5.2 | 14.5 | 11.1 | 14.1 |
| Russell 2000 | (2.4) | (2.4) | 14.2 | (8.9) | 8.2 | 8.2 | 11.2 |
| Russell 2000 Value | (0.6) | (0.6) | 12.8 | (8.2) | 6.5 | 7.2 | 10.1 |
| Russell 2000 Growth | (4.2) | (4.2) | 15.3 | (9.6) | 9.8 | 9.1 | 12.2 |
| Russell 2500 | (1.3) | (1.3) | 17.7 | (4.0) | 9.5 | 8.6 | 12.2 |
| Russell 3000 | 1.2 | 1.2 | 20.1 | 2.9 | 12.8 | 10.4 | 13.1 |
| MSCI EAFE Index | (1.1) | (1.1) | 12.8 | (1.3) | 6.5 | 3.3 | 4.9 |
| MSCI World Index | 0.5 | 0.5 | 17.6 | 1.8 | 10.2 | 7.2 | 9.0 |
| MSCI World Ex. US Index | (0.9) | (0.9) | 13.6 | (0.9) | 6.5 | 3.1 | 4.8 |
| MSCI EM (EMERGING MARKETS) | (4.2) | (4.2) | 5.9 | (2.0) | 6.0 | 2.3 | 3.4 |
| MSCI FM (FRONTIER MARKETS) | (1.1) | (1.1) | 10.7 | 5.9 | 7.0 | (1.3) | 3.6 |
| MSCI ACWI | (0.0) | (0.0) | 16.2 | 1.4 | 9.7 | 6.7 | 8.3 |
| MSCI ACWI ex USA | (1.8) | (1.8) | 11.6 | (1.2) | 6.3 | 2.9 | 4.5 |
| Barclays U.S. Aggregate | 2.3 | 2.3 | 8.5 | 10.3 | 2.9 | 3.4 | 3.7 |
| Barclays U.S. Government/Credit | 2.6 | 2.6 | 9.7 | 11.3 | 3.2 | 3.6 | 3.9 |
| Barclays Intermediate U.S. Government/Credit | 1.4 | 1.4 | 6.4 | 8.2 | 2.4 | 2.7 | 3.0 |
| Barclays Municipal Bond | 1.6 | 1.6 | 6.7 | 8.6 | 3.2 | 3.7 | 4.2 |
| BofA Merrill Lynch Convertible Securities | (0.8) | (0.8) | 13.6 | 2.5 | 11.0 | 8.4 | 10.5 |
| BofA Merrill Lynch High Yield Master | 1.2 | 1.2 | 11.5 | 6.3 | 6.1 | 5.4 | 7.9 |
| IPM GBI-EM Global Ex US | (0.8) | (0.8) | 7.9 | 10.1 | 3.1 | 0.6 | 2.5 |
| JPM EMBI Global Diversified | 1.5 | 1.5 | 13.0 | 11.6 | 4.6 | 5.7 | 6.9 |
| FTSE World Government Bond Index | 0.8 | 0.8 | 6.3 | 8.1 | 1.2 | 1.8 | 1.7 |
| FTSE Nareit All Equity REITs | 7.7 | 7.7 | 28.5 | 20.7 | 9.0 | 11.1 | 13.6 |
| Dow UBS Commodity Index | (2.1) | (2.1) | 4.7 | (4.3) | 1.1 | (5.8) | (2.4) |
| Dow obs Commodity macx | (4.1) | (4.1) | 7./ | (4.5) | 1.1 | (3.0) | (4.7) |

Data Sources: Morningstar Direct



Executive Summary

Total Fund Performance Through September 30, 2019

| 0.4 | A 77 1 | | 2 40 | F37/F5 | One | Three | Five | Seven | Ten | Changes | Incept | _ |
|--------------|------------------------------|---|--------------------|----------------|----------------|---------------------|------------------------|--------------------|--------------------|-----------------|--------|-------|
| % of Account | \$ Value \$ 85,722,034 | Total BOV Account | 3q19 0.3 | FYTD 0.3 | Year 2.6 | Years ¹ | Years ¹ 5.2 | Years ¹ | Years ¹ | (1/1/03) 7.5 | (Mgr) | 7.0 |
| 100.0% | \$ 65,722,034 | Target Benchmark ² | | 0.5 | <i>3.6</i> | 6.5 | 5.2 5.8 | 7.2 | 7.2 7.8 | 7.6 | 0.9 | 7.0 |
| | | | 0.5 | | | | | | | | | |
| | | Policy Benchmark ³ | 0.4 | 0.4 | <i>3.8</i> | 6.7 | <i>5.8</i> | 7.3 | <i>7.9</i> | 7.3 | | |
| 5.2% | \$ 4,488,911 | Blackrock: Large Cap Value | 0.9 | 0.9 | (1.2) | <i>11.3</i> | 8.5 | 11.9 | 11.0 | 9.7 | 6.5 | 6.9 |
| | | Russell 1000 Value | 1.4 | 1.4 | 4.0 | 9.4 | 7.8 | 11.3 | 11.5 | 9.0 | | |
| 5.6% | \$ 4,781,127 | Vanguard Russell 1000 Growth ETF | 1.5 | 1.5 | 3.6 | | | | | | 14.3 | 14.5 |
| 0.070 | ų 1,7 0 1,1 <u>1</u> | Russell 1000 Growth | 1.7 | 1.7 | 4.3 | | | | | | 17.00 | 1,,,, |
| 0/ | | | (0.0) | | | 44.0 | | | | | | |
| 5.5% | \$ 4,692,679 | iShares Russell Mid-Cap Growth ETF | (0.8) (0.7) | (0.8) (0.7) | <i>5.0</i> 5.2 | 14.2 14.5 | | | | | 14.4 | 14.7 |
| | | Russell MidCap Growth | (0.7) | (0.7) | 5.2 | 14.5 | | | | | | |
| 5.4% | \$ 4,652,083 | JP Morgan Mid Cap Value | 1.1 | 1.1 | 1.9 | | | | | | 5.1 | 5.1 |
| | | Russell MidCap Value | 1.2 | 1.2 | 1.6 | | | | | | | |
| 5.9% | \$ 5,052,940 | Dreyfus Small Cap Index | (0.3) | (0.3) | (9.7) | 8.8 | | | | | 9.5 | 8.7 |
| 5.7% | \$ 4,890,992 | Mass Mutual Small Cap Fund | 0.4 | 0.4 | (7.0) | | | | | | 3.0 | 2.5 |
| | ., | Russell 2000 | (2.4) | (2.4) | (8.9) | 8.2 | | | | | | |
| 5.6% | \$ 4,762,774 | Dada a R. Can Intermedianal | ` ' | ` ′ | ` ' | <i>7.</i> 3 | 0.6 | | | 8.8 | 6.0 | 6.2 |
| 7.0% | \$ 4,762,774 \$ 6,008,752 | Dodge & Cox International MFS International | (1.7) 0.1 | (1.7) 0.1 | (2.7) 4.5 | 5.3 8.5 | 0.6 8.6 | | | o.o | 8.6 | 3.3 |
| 7.076 | \$ 0,000,732 | MSCI EAFE | (1.1) | (1.1) | (1.3) | 6.5 | 3.3 | | | 7.1 | 0.0 | 3.3 |
| | | | , | ` / | ` / | | 5.5 | | | 7.1 | | |
| 5.8% | \$ 5,013,496 | | (3.8) | (3.8) | 2.5 | 7.9 | | | | | 9.9 | 8.0 |
| | | MSCI EM (Emerging Markets) | (4.2) | (4.2) | (2.0) | 6.0 | | | | | | |
| 2.9% | \$ 2,454,815 | Fidelity Int'l Small Cap Equity | (2.4) | (2.4) | (4.2) | | | | | | (1.4) | (2.0 |
| | | MSCI ACWI Ex US Small | (1.2) | (1.2) | (5.6) | | | | | | | |
| 1.2% | \$ 1,026,205 | Nuveen REIT | 7.1 | 7.1 | 18.6 | | | | | | 10.8 | 12.4 |
| 1.1% | | Brookfield Global REIT | 3.3 | 3.3 | 11.5 | | | | | | 6.6 | 12.4 |
| 1.170 | \$ 940,004 | FTSE NAREIT All Equity REITs | 7.7 | 7.7 | 20.7 | | | | | | 0.0 | 12. |
| | | * * | /./ | | | | | | | | | |
| 12.2% | \$ 10,417,202 | | 1.6 | 1.6 | 8.0 | 3.9 | 3.7 | 3.9 | <i>5.5</i> | | 5.3 | 3.8 |
| 12.0% | \$ 10,263,016 | Dodge & Cox Income Fund | 2.1 | 2.1 | 9.1 | 3.8 | 3.7 | 3.5 | | | 3.8 | 3.5 |
| | | Barclays U.S. Aggregate | 2.3 | 2.3 | 10.3 | 2.9 | 3.4 | 2.7 | 3.7 | | | |
| 2.6% | \$ 2,190,827 | Templeton Global Bond | (3.3) | (3.3) | 1.0 | | | | | | (0.5) | 3.1 |
| 3.1% | | | 2.2 | 2.2 | 9.0 | | | | | | 4.2 | 3.1 |
| | | FTSE World Govt Bond Index | 0.8 | 0.8 | 8.1 | | | | | | | |
| | | | | | | | | | | | | |
| 4.4% | \$ 3,809,362 | 0 0 | 0.8 | 0.8 | 8.9 | 4.0 | 5.2 | <i>5.7</i> | 9.6 | 10.9 | 12.4 | 9.3 |
| | | JPM EMBI Global Diversified | 1.5 | 1.5 | 11.6 | 4.6 | 5.7 | 4.8 | 6.9 | 8.4 | | |
| 8.7% | \$ 7,424,886 | Combined Alternatives (1 mo lag) | 0.2 | 0.2 | 0.5 | 2.9 | 1.4 | 2.2 | | | 1.9 | 2.7 |
| | - 1,121,300 | HFRI FOFs Index (1 mo lag) | 1.3 | 1.3 | 0.4 | 3.5 | 2.1 | 3.4 | | | | |
| 0.20/ | 0 160 613 | \ S | | | ~ | | | | | | | |
| d 0.2% | \$ 162,613 | Cash | | | | | | | | | | |

² From 11/17/17: 10% S&P 500, 10% Russ Midcap, 11% Russ 2000, 13% MSCI EAFE, 6% MSCI Emerging Mkts Eq, 3% MSCI ACWI Ex US Small Eq, 2% FTSE NAREIT, 24% Barclays US Aggregate, 6% Citi World Government Bond, 5% JPM EMBI Global Diversified, 10% HFRI Index; From 4/1/12: 25% S&P 500, 12% Russ Midcap, 7% Russ 2000, 9% MSCI EAFE, 2% MSCI Emerging Mkts, 25% Barclays US Aggregate, 5% Citi World Government Bond, 5% JPM EMBI Global Diversified, 10% HFRI Index; From 11/1/09: 25% S&P 500, 12% Russ Midcap, 7% Russ 2000, 9% MSCI EAFE, 2% MSCI Emerging Mkts Free, 30% Barclays US Aggregate, 5% Citi World Government Bond, 5% JPM EMBI Global Diversified, 5% HFRI Index; From 1/1/03, 40% S&P 500, 12.5% Russ Midcap, 7.5% Russ 2000, 10% MSCI EAFE, 4% MSCI Emerging Mkts Free, 20% Barclays US Aggregate, 2.5% Citi World Government Bond, 2.5% JPM EMBI+; Prior to 1/1/03, 60% Russell 3000, 15% MSCI World Ex-US, 25% Barclays Aggregate

managers or the Total BOV Account. Information contained within this report is designed solely for the use by The College of William & Mary BOV Endowment, including its Officers, Investment Committee, and administrative staff. Distribution without the express written consent of Wells Fargo is strictly prohibited.

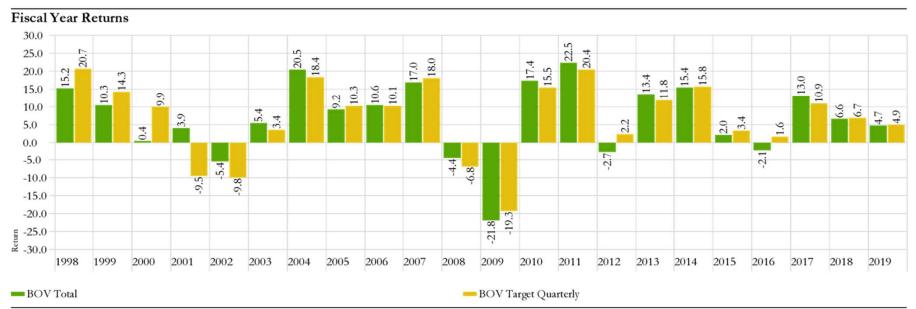
Performance is net of investment management fees

³ From 11/17/17: 33% Russell 3000, 35% Barclays Global Aggregate, 22% MSCI ACWI ex US, 10% HFRI; From 4/1/12, 44% Russell 3000, 35% Barclays US Aggregate, 11% MSCI World ex US, 10% HFRI; From 1/1/10, 44% Russell 3000, 40% Barclays US Aggregate, 11% MSCI World ex US, 5% HFRI; From 1/1/96 60% Russell 3000, 25% Barclays US Aggregate, 15% MSCI World Ex US

⁺ Quarterly performance results prior to the third quarter of 2002, were provided by Delaware Investments Advisors and Lazard Asset Management. There were no calculations by Wells Fargo Advisors to ensure the accuracy of the results. Based on information provided by SunTrust, Wells Fargo Advisors began calculating quarterly results starting in the 4th quarter of 2002. There is no guarantee as to the accuracy of our calculations for the



Total Fund: Fiscal Year Results



Fiscal Year Returns

1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

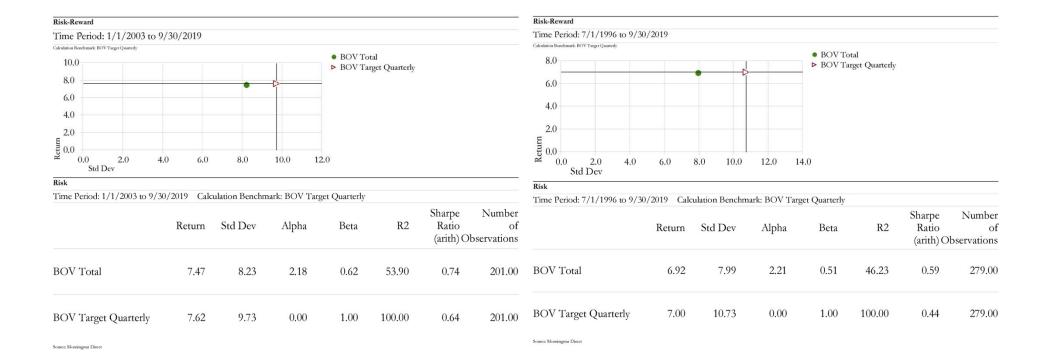
BOV Total 15.20 10.35 0.37 3.89 -5.38 5.38 20.46 9.20 10.56 17.01 -4.38 -21.82 17.37 22.53 -2.71 13.44 15.41 2.04 -2.15 12.98 6.60 4.67

BOV Target Quarterly 20.72 14.34 9.87 -9.50 -9.82 3.40 18.40 10.31 10.15 18.03 -6.76 -19.29 15.50 20.44 2.20 11.77 15.78 3.36 1.57 10.88 6.75 4.94



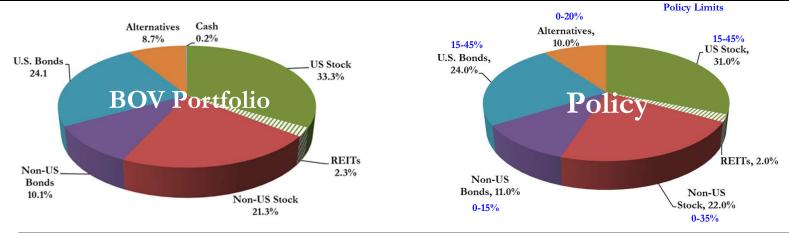
Since Changes

Since Inception



BOV Target Benchmark: From 11/17/17- Present: 33% Russell 3000, 35% Barclays US Aggregate, 22% MSCI World ex US, 10% HFRI; From 4/1/12, 44% Russell 3000, 35% Barclays US Aggregate, 11% MSCI World ex US, 10% HFRI; From 1/1/96 60% Russell 3000, 25% Barclays US Aggregate, 11% MSCI World ex US, 5% HFRI; From 1/1/96 60% Russell 3000, 25% Barclays US Aggregate, 15% MSCI World Ex US





| | Domestic | Global | Domestic | | Non-US | | | |
|----------------------------------|--------------|--------------|---------------|--------------|---------------|--------------------|-------------|--------------|
| <u>Manager</u> | Fixed Income | Fixed Income | <u>Equity</u> | <u>REITs</u> | <u>Equity</u> | <u>Alternative</u> | Cash Equiv. | <u>Total</u> |
| Vanguard Russell 1000 Growth ETF | 0 | 0 | 4,781,127 | 0 | 0 | 0 | 0 | 4,781,127 |
| Blackrock Large Value | 0 | 0 | 4,488,911 | 0 | 0 | 0 | 0 | 4,488,911 |
| JP Morgan Midcap Value | 0 | 0 | 4,652,083 | 0 | 0 | 0 | 0 | 4,652,083 |
| iShares Russell Mid Growth ETF | 0 | 0 | 4,692,679 | 0 | 0 | 0 | 0 | 4,692,679 |
| Mass Mutual Small Cap | 0 | 0 | 4,890,992 | 0 | 0 | 0 | 0 | 4,890,992 |
| Dreyfus Small Cap | 0 | 0 | 5,052,940 | 0 | 0 | 0 | 0 | 5,052,940 |
| Dodge & Cox International | 0 | 0 | 0 | 0 | 4,762,774 | 0 | 0 | 4,762,774 |
| MFS International Value | 0 | 0 | 0 | 0 | 6,008,752 | 0 | 0 | 6,008,752 |
| Oppenheimer Developing Mkts | 0 | 0 | 0 | 0 | 5,013,496 | 0 | 0 | 5,013,496 |
| Fidelity Int'l Small Cap Eq | 0 | 0 | 0 | 0 | 2,454,815 | 0 | 0 | 2,454,815 |
| Dodge & Cox Income Fund | 10,263,016 | 0 | 0 | 0 | 0 | 0 | 0 | 10,263,016 |
| Templeton & Dreyfus Global Bond | 0 | 4,872,118 | 0 | 0 | 0 | 0 | 0 | 4,872,118 |
| Grantham, Mayo EMD | 0 | 3,809,362 | 0 | 0 | 0 | 0 | 0 | 3,809,362 |
| Nuveen REIT | 0 | 0 | 0 | 1,026,205 | 0 | 0 | 0 | 1,026,205 |
| Brookfield Global REIT | 0 | 0 | 0 | 948,064 | 0 | 0 | 0 | 948,064 |
| Pioneer Strategic Income | 10,417,202 | 0 | 0 | 0 | 0 | 0 | 0 | 10,417,202 |
| Cash & Equivalents | 0 | 0 | 0 | 0 | 0 | 0 | 162,613 | 162,613 |
| Combined Alternatives | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> • | 7,424,886 | <u>0</u> | 7,424,886 |
| Total BOV Account | 20,680,218 | 8,681,481 | 28,558,732 | 1,974,269 | 18,239,836 | 7,424,886 | 162,613 | 85,722,034 |
| % of Total Fund | 24.1% | 10.1% | 33.3% | 2.3% | 21.3% | 8.7% | 0.2% | 100% |

^{*} Values (except "Alternatives") are reflected at market as reported by SunTrust; Alternatives are reported by Wells Fargo Advisors; beginning and

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July 1, 2019 – September 30, 2019

William & Mary BOV Endowment

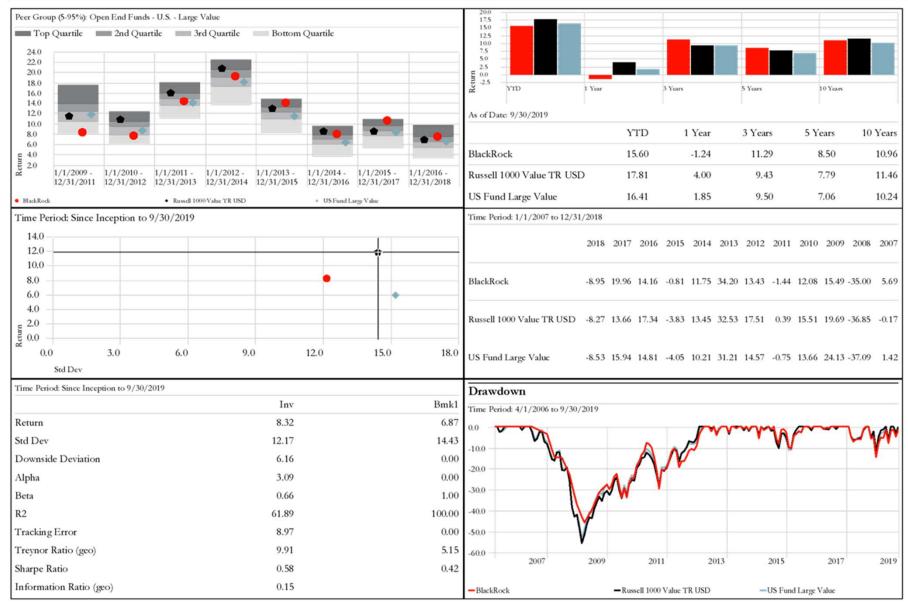
| 6/30/19 Market Value | 85,213,201 |
|-------------------------------|------------|
| Net Additions/Withdrawls | 215,223 |
| Expenses | (11,718) |
| Net Cash Flow | 203,505 |
| Net Income | 350,171 |
| Net Realized Gain/(Loss) | 75,854 |
| Change Unrealized Gain/(Loss) | (120,697) |
| Total Investment Gain/(Loss) | 305,328 |
| 9/30/19 Market Value | 85,722,034 |

[•]All account values (excluding "Alternatives") are reported by SunTrust; "Alternative values are reported by Wells Fargo Advisors; to comply with GIPS Performance reporting standards, beginning and ending market values include fixed income accruals.



II. Equity Sector (Large-Cap Value*)

Periods Ending September 30, 2019 - Performance



^{*} Please note that we have linked Blackrock's composite historical returns for periods prior to 5/1/06 with BOV actual results starting on May 1, 2006.

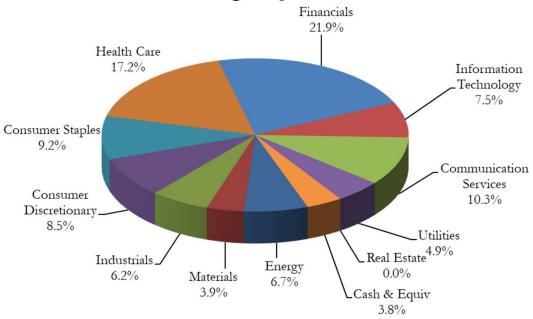
| | | Russell 1000 | Over/(Under) |
|----------------|-----------|--------------|--------------|
| Characteristic | Blackrock | Value | Weight |
| Avg Cap (\$MM) | 140,032 | 121,235 | 18,797 |
| Yield (%) | 2.36 | 2.49 | (0.13) |
| P/E Ratio | 14.88 | 17.12 | (2.24) |
| Price / Book | 1.78 | 2.00 | (0.22) |
| # of Stocks | 66 | 766 | (700) |

| | % of |
|-------------------------|-----------|
| Top Ten Equity Holdings | Portfolio |
| JPMorgan Chase | 5.0 |
| Verizon | 3.9 |
| Citigroup | 3.4 |
| Pfizer | 3.2 |
| Walmart Stores | 3.2 |
| Comcast A | 3.0 |
| Suntrust Banks | 2.7 |
| Cisco Systems | 2.5 |
| Oracle | 2.3 |
| AT&T | 2.2 |

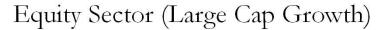
Equity Sector (Large-Cap Value Separate Account)

Characteristics - As of September 30, 2019

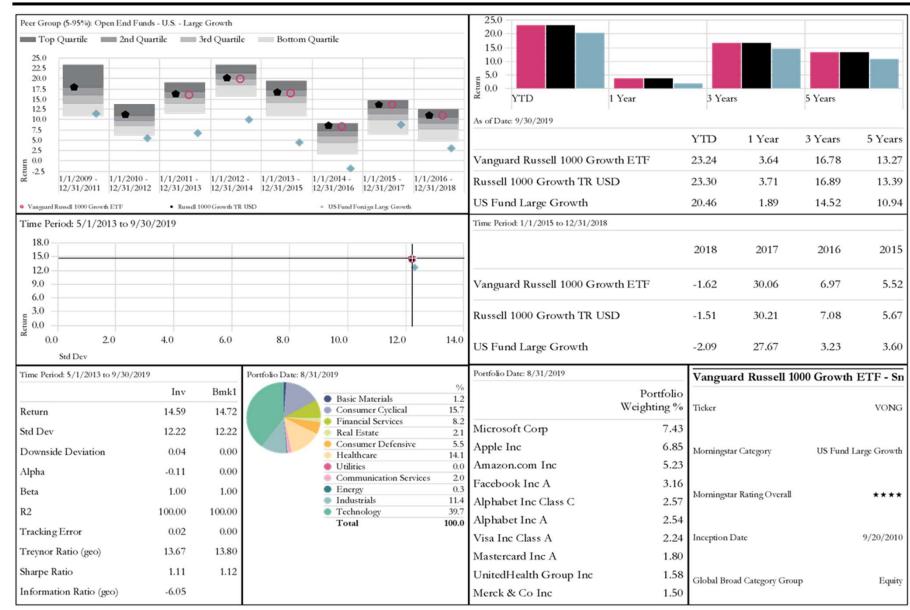
Combined BOV Large-Cap Sector Distribution



| | Blackrock | Russell | Over / |
|------------------------|-----------|------------|---------|
| | Weight | 1000 Value | (Under) |
| Energy | 6.7% | 8.5% | -1.8% |
| Materials | 3.9% | 4.3% | -0.4% |
| Industrials | 6.2% | 9.5% | -3.3% |
| Consumer Discretionary | 8.5% | 6.1% | 2.5% |
| Consumer Staples | 9.2% | 9.1% | 0.1% |
| Health Care | 17.2% | 12.5% | 4.6% |
| Financials | 21.9% | 23.5% | -1.6% |
| Information Technology | 7.5% | 6.1% | 1.4% |
| Communication Services | 10.3% | 8.3% | 2.0% |
| Utilities | 4.9% | 6.9% | -2.0% |
| Real Estate | 0.0% | 5.4% | -5.4% |
| Cash & Equiv | 3.8% | 0.0% | 3.8% |

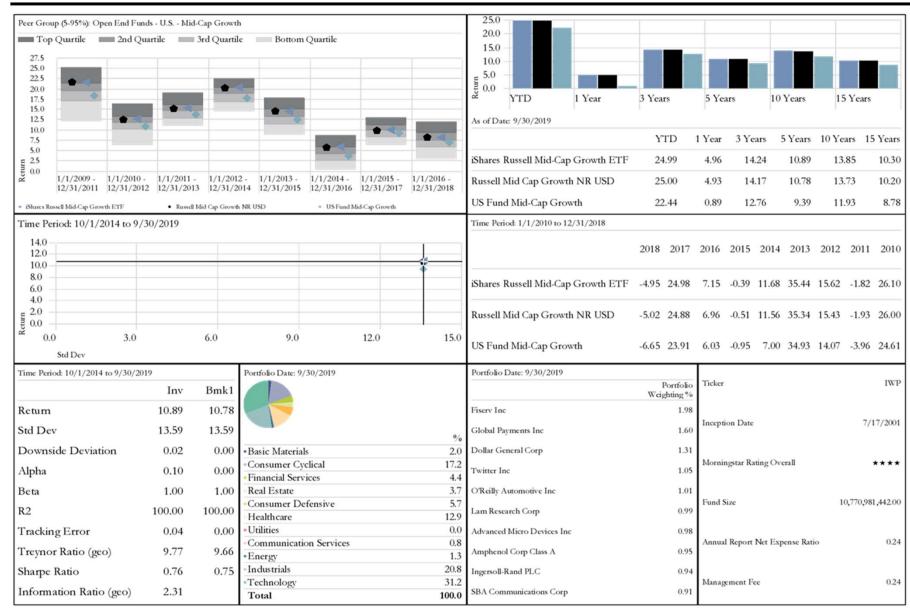






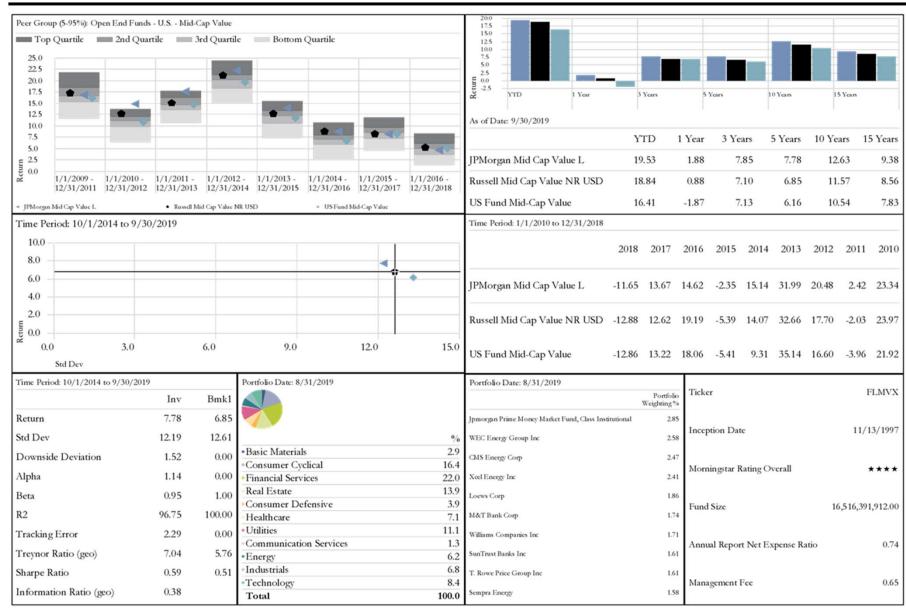


Equity Sector (Mid Cap Growth)





Equity Sector (Mid Cap Value)

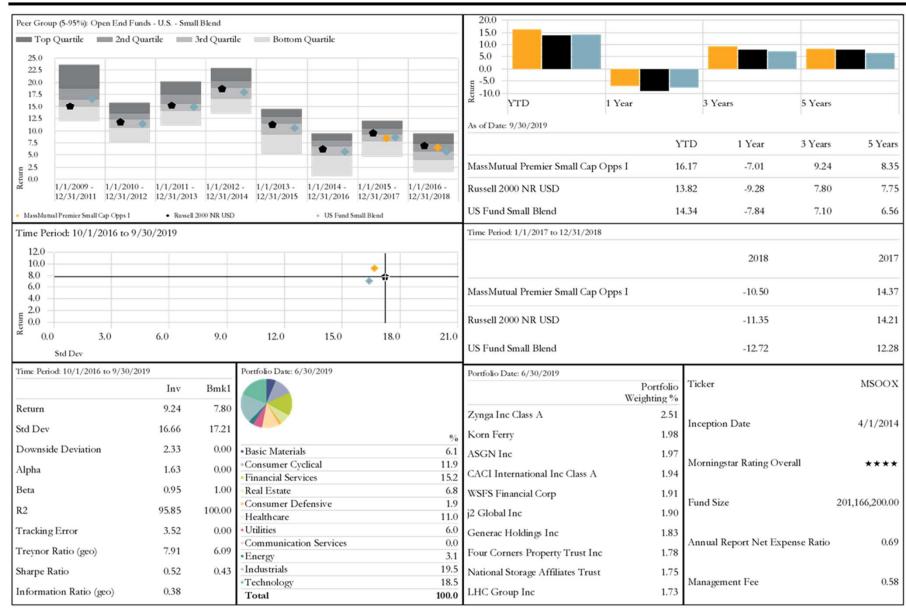


Equity Sector (Small Cap)



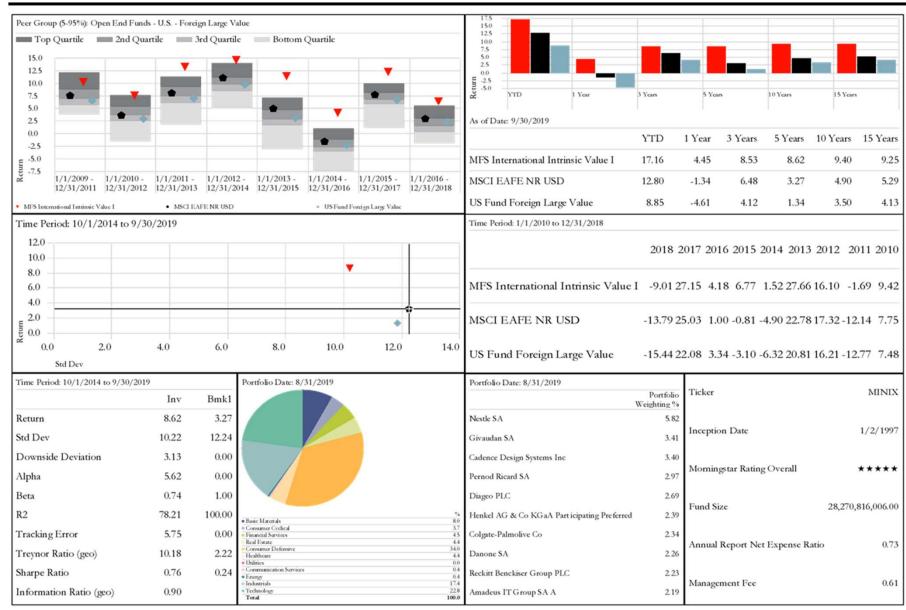






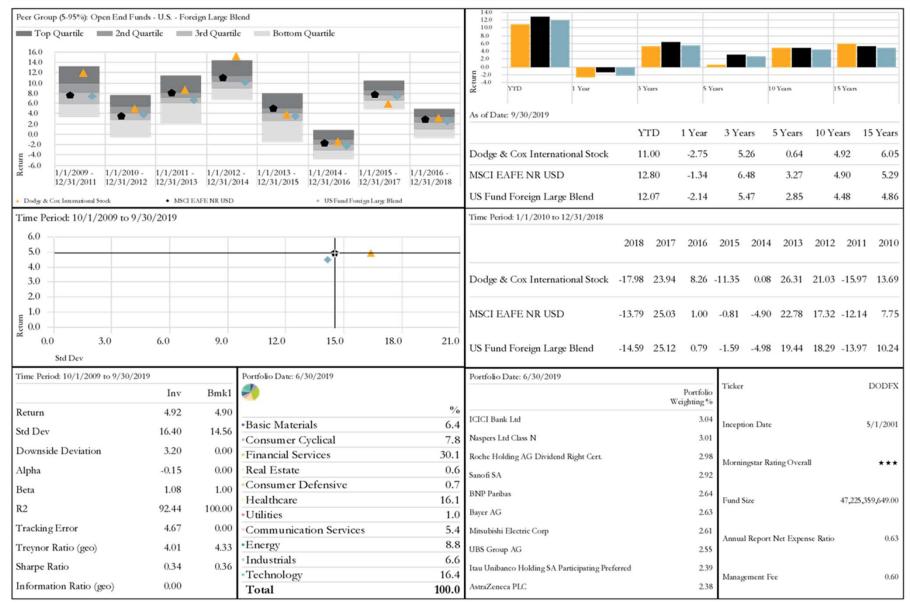


Equity Sector (International Developed)



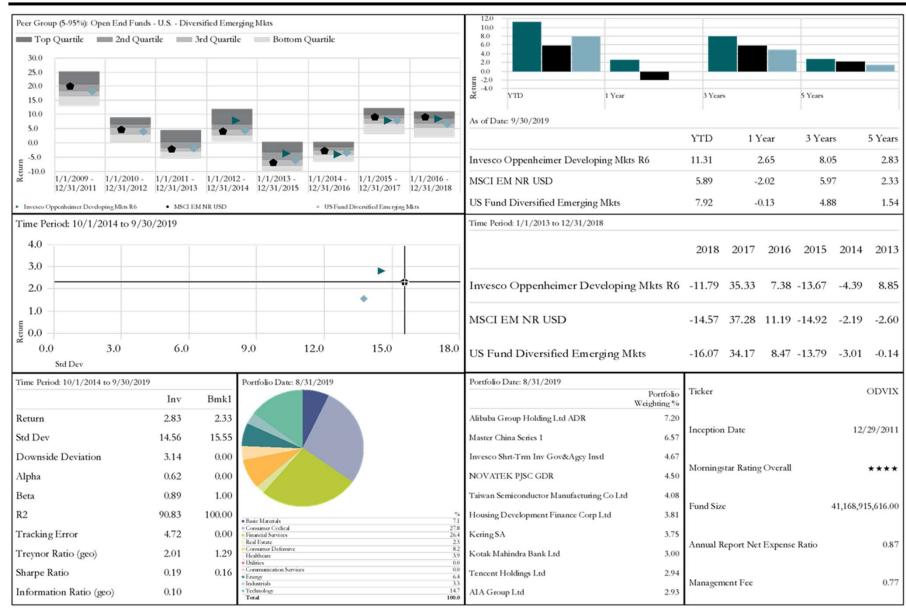


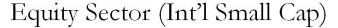
Equity Sector (International Developed)



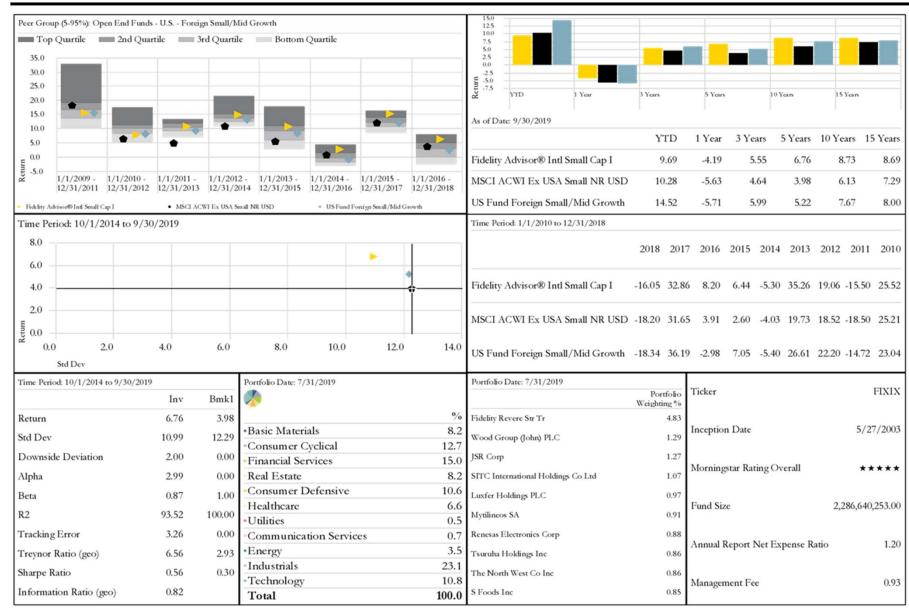


Equity Sector (Emerging Markets)



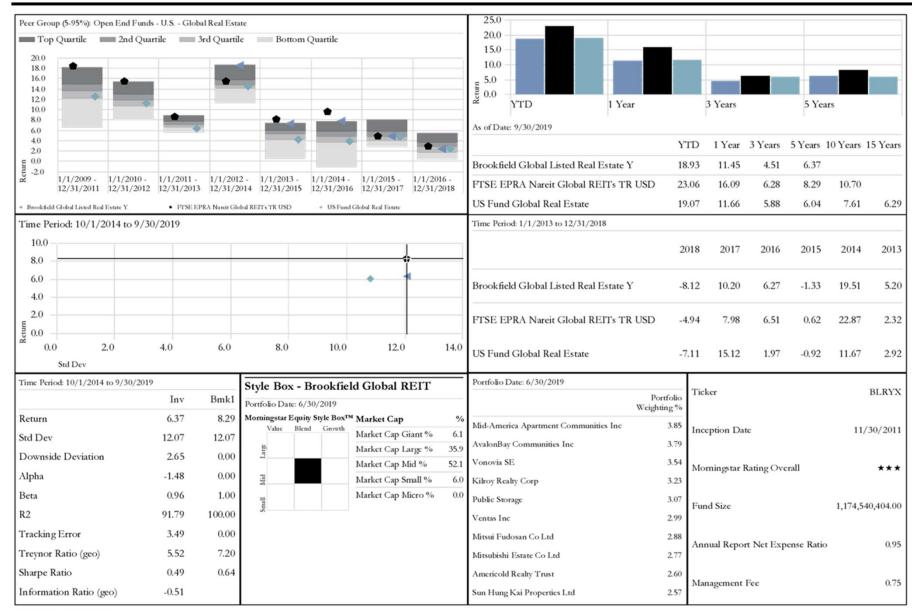










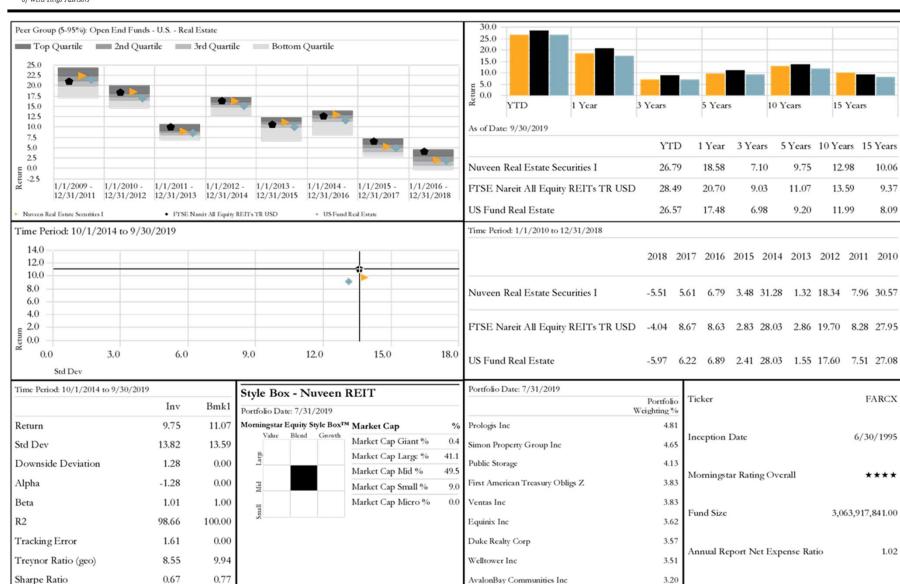




Management Fee

3.11





Digital Realty Trust Inc

Information Ratio (geo)

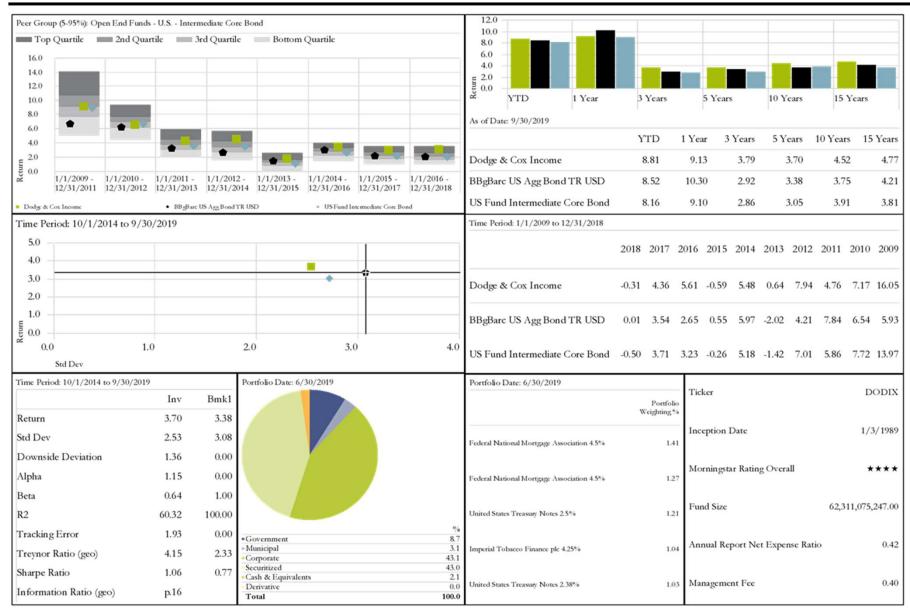
Source: Morningstar Direct

-0.74

0.83

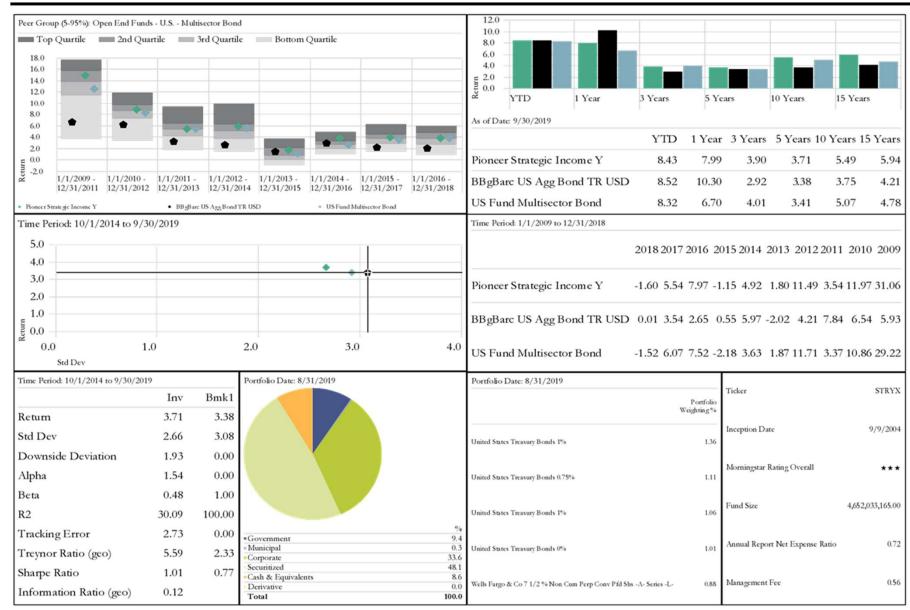


III. Fixed Income Sector (US Bonds)

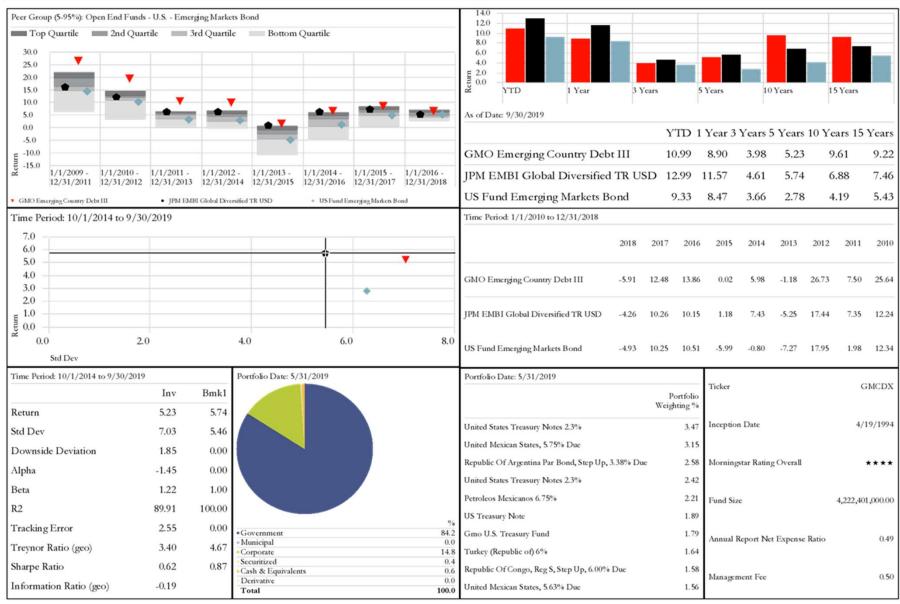




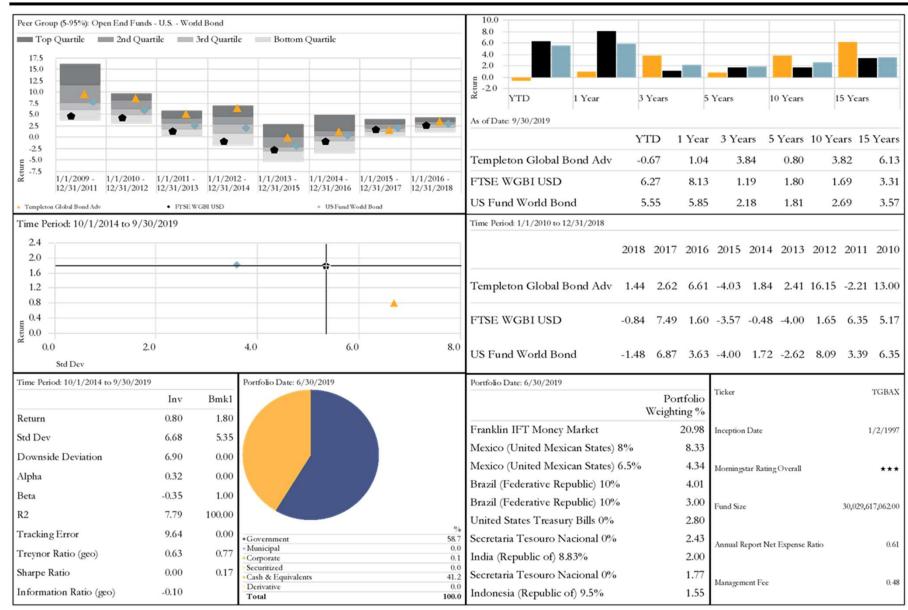




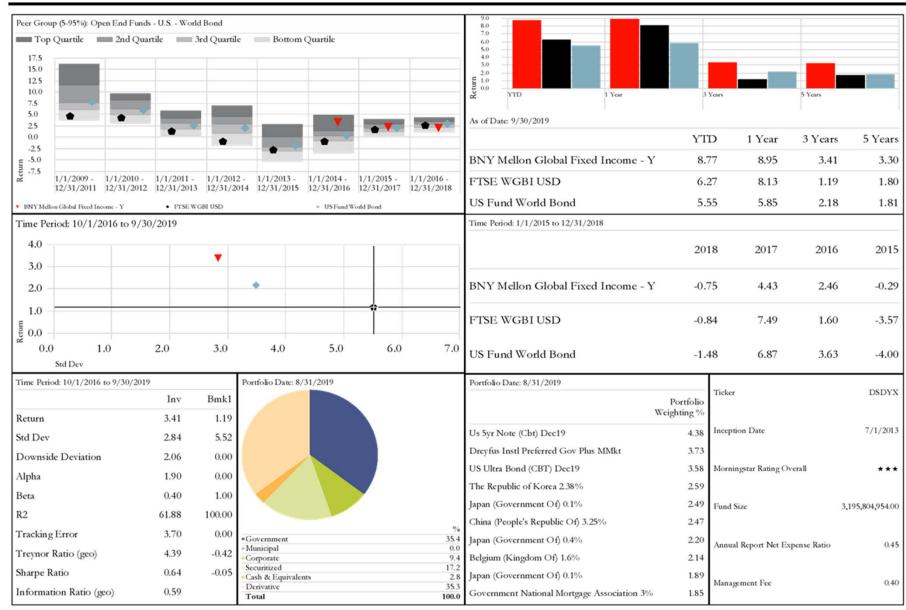








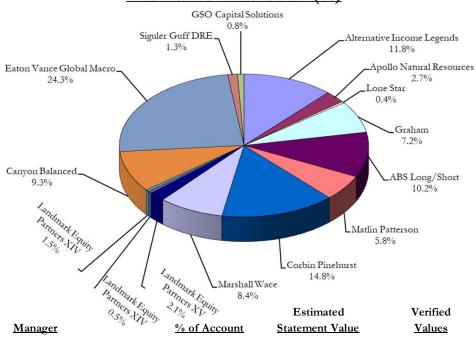




Verified



Alternative Breakdown (%)



| Manager | % of Account | Statement Value | <u>Values</u> | As Of |
|------------------------------|--------------|-----------------|-----------------|-----------|
| Alternative Income Legends | 11.8% | \$874,653 | \$890,650 | 6/30/2019 |
| Apollo Natural Resources | 2.7% | \$201,201 | \$185,593 | 6/30/2019 |
| Lone Star | 0.4% | \$26,150 | | |
| Graham | 7.2% | \$531,569 | \$529,417 | 6/30/2019 |
| ABS Long/Short | 10.2% | \$757,622 | \$754,164 | 6/30/2019 |
| Matlin Patterson | 5.8% | \$430,700 | \$441,797 | 6/30/2019 |
| Corbin Pinehurst | 14.8% | \$1,101,909 | \$1,122,424 | 6/30/2019 |
| Marshall Wace | 8.4% | \$625,986 | \$513,620 | 6/30/2019 |
| Landmark Equity Partners XV | 2.1% | \$156,772 | \$153,852 | 6/30/2019 |
| Landmark Equity Partners XIV | 0.5% | \$33,866 | \$33,764 | 6/30/2019 |
| Landmark Equity Partners XVI | 0.5% | \$35,657 | \$31,302 | 6/30/2019 |
| Canyon Balanced | 9.3% | \$690,686 | \$703,666 | 6/30/2019 |
| Eaton Vance Global Macro | 24.3% | \$1,802,405 | \$1,802,405 | 9/30/2019 |
| Siguler Guff DRE | 1.3% | \$92,944 | \$94,589 | 6/30/2019 |
| GSO Capital Solutions | 0.8% | <u>\$62,766</u> | <u>\$64,265</u> | 6/30/2019 |
| Total | 100.0% | \$7,424,886 | \$7,321,508 | |

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Data Source: Wells Fargo Advisors

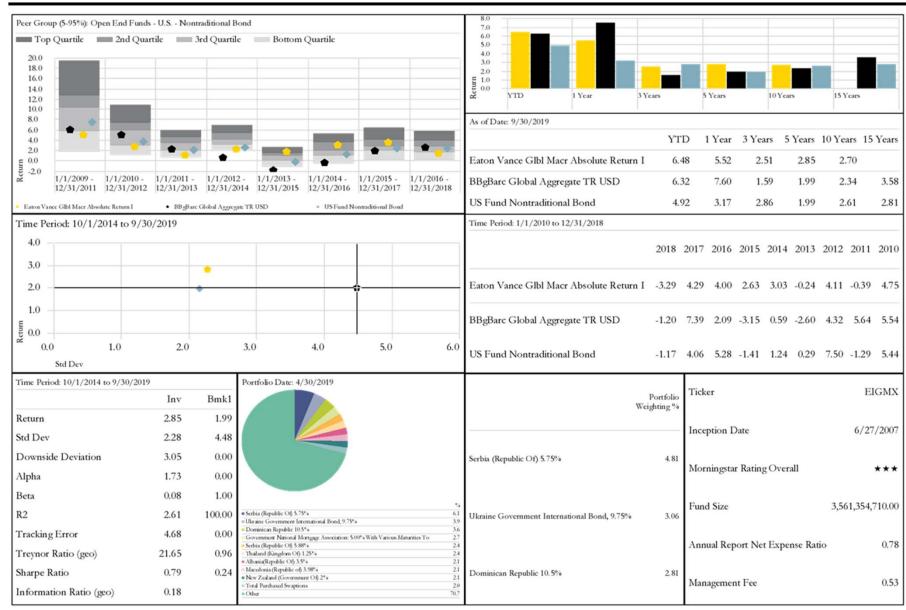


| % of Account | \$ Value | | 3q19 | FYTD | One Year | Three Years* | Five Years* | | Incept Bench* |
|--------------|-----------------|-------------------------------------|-------|------------|-------------|-----------------|----------------|-------|------------------|
| 100% | \$ 7,424,886 | Combined Alternatives (1 mo lag) | 0.2 | <i>0.2</i> | 0.5 | <i>2.9</i> | 1.4 | 1.9 | 2.7 |
| | | HFRI FoF Index (1 mo lag) | 1.3 | 1.3 | 0.4 | 3.5 | 2.1 | | |
| | | Lower Volatility | | | | | | | |
| 9% | \$ 690,686 | Canyon Balanced | 0.7 | 0.7 | 1.1 | | | 3.0 | 2.6 |
| 24% | \$ 1,802,405 | Eaton Vance Global Macro | 2.0 | 2.0 | 5.5 | | | 1.7 | 2.6 |
| | | HFRI Conservative Index | 0.9 | 0.9 | 1.9 | 3.4 | 2.1 | | |
| | | Diversified | | | | | | | |
| 15% | \$ 1,101,909 | Corbin Pinehurst | 0.2 | 0.2 | 2.0 | 4.6 | 2.9 | 4.6 | 2.7 |
| 12% | \$ 874,653 | Alternative Income Legends | (2.1) | (2.1) | (3.2) | 2.7 | 0.8 | 0.7 | 2.3 |
| 6% | \$ 430,700 | Matlin Patterson | (7.6) | (7.6) | (13.9) | | | (7.2) | 1.5 |
| | | HFRI Fund of Funds | 1.3 | 1.3 | 0.4 | 3.5 | 2.1 | | |
| | | Hedged Equity | | | | | | | |
| 10% | \$ 757,622 | ABS Global L/S (K2 prior to 12/12) | 2.8 | 2.8 | (1.2) | 3.9 | 2.8 | 3.9 | 4.5 |
| 8% | \$ 625,986 | Marshall Wace | 3.0 | 3.0 | 2.9 | | | 4.9 | 1.0 |
| | | HFRI Equity Hedge | 1.7 | 1.7 | (1.6) | 5.2 | 3.1 | | |
| | | Managed Futures | | | | | | | |
| 7% | \$ 531,569 | Graham | 15.1 | 15.1 | 11.4 | 3.3 | 5.2 | 0.8 | 0.8 |
| | • | Credit Suisse Managed Futures Index | 3.5 | 3.5 | 7.8 | 0.6 | 2.1 | | |
| | | *Private Capital | | | | | | | |
| 3% | \$ 201,201 | Apollo Natural Resources | | | | | | 9.1 | |
| 0% | \$ | Landmark Equity Partners XIV | | | | | | 5.9 | |
| 2% | \$ | Landmark Equity Partners XV | | | | | | 8.8 | |
| 0% | \$ 35,657 | Landmark Equity Partners XVI | | | | | | | |
| 1% | \$ 92,944 | Sigular Guff DRE | | | | | | 10.8 | |
| 0% | \$ 26,150 | Lone Star | | | | | | | |
| 0% | \$ 62,766 | GSO Capital Solutions | | | | | | 9.9 | |

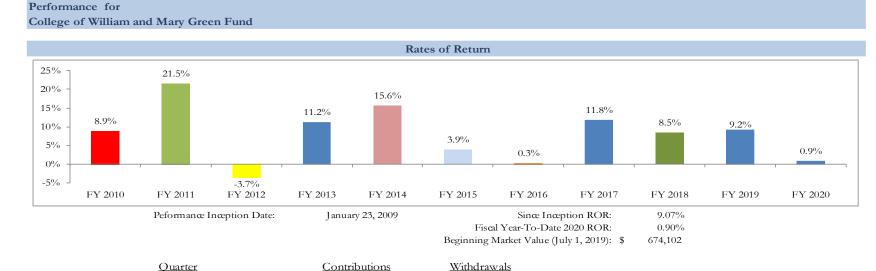
All returns are on a one-month lag. Performance greater than 1 year is annualized.

^{*} Performance displayed for Private Capital represents IRR of respective strategy per each inception date.









| 3Q19 | \$ (31,162) | |
|------|--|---------------|
| 4Q19 | | |
| 1Q20 | | |
| 2Q20 | | |
| | Total Net Flows FYTD | \$ (31,162 |
| | Invested Capital FYTD | \$ 642,940 |
| | Appreciation/Depreciation | \$ 5,752 |
| | Ending Market Value (September 30, 2019) | \$ 648.692 |

Returns are calculated net of transaction costs and net of management fees.

Returns greater than one year are annualized.

Account data is on a trade date basis and accrued income is included in beginning and ending values. Performance is based on current market prices, as available.

Certain assets are excluded from Beginning and Ending Values and are not included in performance calculations. Selected annuities, certain types of direct investments, mutual funds held outside the firm, precious metals, coins, bullion, or any assets subject to tax- withholding (TEFRA) are among the assets not included in values or performance calculations.

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|---|----------------|---|
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PAST PERFORMANCE: Past performance is not an indication of future results.

DATA SOURCES: Information found in this document was derived from the following sources: Zephyr Associates, Investor Force/MSCI, Barclays Capital, Standard & Poor's, Morningstar, Thomson Reuters, direct material from managers/funds, and other sources we deem reliable.

Dow Jones Industrial Average - This index is comprised of 30 "blue-chip" US stocks selected for their history of successful growth and wide interest among investors. The DJIA represents about 20% of the total market value of all US stocks and about 25% of the NYSE market capitalization. It is a price-weighted arithmetic average, with the divisor adjusted to reflect stock splits and the occasional stock switches in the index.

NASDAQ Composite - A cap-weighted index comprised of all common stocks that are listed on the NASDAQ Stock Market (National Association of Securities Dealers Automated Quotation system).

S&P 500 - A broad-based measurement of changes in stock market conditions based on the average performance of 500 widely held common stocks. This index does not contain the 500 largest companies nor the most expensive stocks traded in the U.S. While many of the stocks are among the largest, this index also includes many relatively small companies. This index consists of approximately 380 industrial, 40 utility, 10 transportation and 70 financial companies listed on U.S. market exchanges. It is a capitalization-weighted index (stock price times number of shares outstanding), calculated on a total return basis with dividends reinvested.

Russell 1000 - The 1000 largest companies in the Russell 3000 index, based on market capitalization.

Russell Mid Cap - The index consisting of the bottom 800 securities in the Russell 1000 as ranked by total market capitalization, and it represents over 35% of the Russell 1000 total market cap.

Russell 2000 - The 2000 smallest companies in the Russell 3000 index.

MSCI EAFE - A market capitalization-weighted index representing all of the MSCI developed markets outside North America. It comprises 20 of the 22 countries in the MSCI World. These 20 countries include the 14 European countries in the MSCI Europe and the 6 Pacific countries in the MSCI Pacific. This index is created by aggregating the 20 different country indexes, all of which are created separately.

MSCI World - This market capitalization-weighted index represents all 22 of the MSCI developed markets in the world. It is created by aggregating the 22 different country indexes, all of which are created separately.

MSCI Emerging Markets Free (EMF) - A market capitalization-weighted index representing 26 of the emerging markets in the world. Several factors are used to designate whether a country is considered to be emerging vs. developed, the most common of which is Gross Domestic Product Per Capita. The "Free" aspect indicates that this index includes only securities that are allowed to be purchased by global investors. This index is created by aggregating the 26 different country indexes, all of which are created separately.

Barclays Government/Credit - This index includes all bonds that are in the Barclays Capital Government Bond and the Barclays Capital Credit Bond indices.

Barclays Aggregate Bond - This index is made up of the Barclays Capital Government/Credit, the Mortgage-Backed Securities, and the Asset-Backed Securities indices. All issues in the index are rated investment grade or higher, have at least one year to maturity, and have an outstanding par value of at least \$100 million.