

Nebraska Investment Council | Fourth Quarter 2016

Quarterly Investment Review

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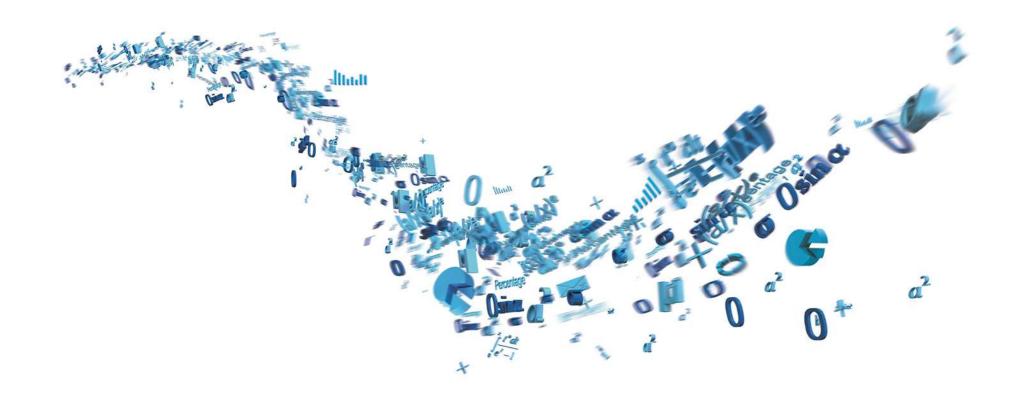
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Market Environment



A (Re)Introduction to Responsible Investing

To clients of Aon Hewitt Investment Consulting:

In recent years and particularly in the last 12 months in the U.S. (thanks to more Responsible Investing-friendly regulatory stances), investors have become increasingly interested in "doing good while doing well" when investing. Unfortunately, this relatively nascent area of investing still has more than its share of linguistic anarchy and execution challenges, which can be trying for even the most committed individual or institutional investor. In order to restore cosmos to the linguistic chaos, Aon has broken the universe of Responsible Investments down into four main types: Socially Responsible Investing ("SRI"), Environmental, Social and Governance ("ESG") Investing, Impact Investing and Mission-Related Investing.

Socially Responsible Investing tends to be the area with which most investors are familiar, as it is the oldest of the four broad Responsible Investment categories. SRI uses a negative selection process to exclude certain sectors or investments from a portfolio. ESG (Environmental, Social & Governance) Investing, Impact Investing and Mission Related Investing are newer to investor's toolkits and typically focus more on positive investment inclusion criteria rather than on negative screening.

In addition to using different screening techniques, the drivers of investment may differ as well. SRI, Mission Related Investing and Impact Investing are generally dependent on an individual's or institution's values to determine suitable investments. ESG Investing, however, is fundamentally different, as investment decisions are directed by the fundamentals of the company. Non-financial ESG factors are considered to the extent they are material to the company's future financial performance.

Socially Responsible Investing (SRI)	ESG Investing	Impact Investing	Mission Related Investing		
Selection Process : Negative	Selection Process: Positive or Negative	Selection Process: Positive	Selection Process: Positive		
Attempts to screen out investments in stocks, companies or industries based on a set of ethical values.	Integrates environmental, social and governance criteria into fundamental analysis to the extent they are material to investment performance.	Looks for investments that have a positive investment return as well as desired social, economic, or environmental outcome.	Places investments with companies or funds that complement the investor's mission.		
(Anti-pornography, private prisons, carbon, coal, Iran, Sudan, fossil fuel, weapons manufacturing, etc.)	(May avoid or short companies with poor ESG considerations in favor of firms with strong ESG metrics.)	(Diversity initiatives, investing in underserved communities, alternate energy, micro-funding, etc.)	(Healthcare, senior issues, child- welfare issues, religious considerations, etc.)		

Regardless of where an investor or organization falls on the Responsible Investing spectrum, we expect the trend towards "doing good while doing well" to continue to grow in the future, partly due to shifts in demographics and the generational wealth transfer, as well as to changes in regulations and investor-led initiatives. We stand ready to help as this area continues to rapidly evolve.

Aon Hewitt Investment Consulting



AHIC Thought Leadership Highlights

White Papers	
All Investors: Global Invested Capital Market	<u>Link</u>
All Investors ex-DC: Fallen Angels – Capitalizing Upon an Attractive Segment of the High Yield Market	<u>Link</u>
All Investors ex-DC: Optimal Number of Managers in an Equity Portfolio	<u>Link</u>
DB & DC: 2017 Hot Topics in Retirement and Financial Well-Being	<u>Link</u>
Private DB: Pension Funding Strategy: Considerations for Prefunding a Pension Plan	<u>Link</u>
DC: Target-Date Funds - Who is Using Them and How Are They Being Used?	<u>Link</u>
DC: How Pension Benefits Affect the Optimal Target Date Fund	<u>Link</u>
DC: Putting "Watch Lists" on Watch?	<u>Link</u>
Healthcare: What's at Stake for Health Care Organizations with Church Pension Plans	<u>Link</u>
Healthcare: Redefining Retirement in the Health Care Industry (Five Part Series)	<u>Link</u>

Current Topics of Interest

Investment Program Assessment

A (Re)Introduction to Responsible Investing

PBGC Premium Reduction Strategies

Potential U.S. Corporate Tax Reform Presents Prefunding Opportunity in 2016

Aon Hewitt Retirement and Investment Blog

https://retirementandinvestmentblog.aon.com/

Events

Aon Hewitt Retirement and Investment Client Conference: Exploring the Possibilities (May 17th-18th in Chicago)

Aon Hewitt | Retirement and Investment

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Market Highlights

	Returns of the Ma	ajor Capital Mark	ets		
				Periods E	inding 12/31/2016
	Fourth Quarter	1-Year	3-Year ¹	5-Year ¹	10-Year¹
Equity					
MSCI All Country World IMI	1.27%	8.36%	3.25%	9.61%	3.84%
MSCI All Country World	1.19%	7.86%	3.13%	9.36%	3.56%
Dow Jones U.S. Total Stock Market	4.13%	12.62%	8.36%	14.60%	7.18%
Russell 3000	4.21%	12.74%	8.43%	14.67%	7.07%
S&P 500	3.82%	11.96%	8.87%	14.66%	6.95%
Russell 2000	8.83%	21.31%	6.74%	14.46%	7.07%
MSCI All Country World ex-U.S. IMI	-1.57%	4.41%	-1.44%	5.35%	1.22%
MSCI All Country World ex-U.S.	-1.26%	4.50%	-1.78%	5.00%	0.96%
MSCI EAFE	-0.71%	1.00%	-1.60%	6.53%	0.75%
MSCI EAFE (Local Currency)	7.07%	5.35%	5.53%	11.84%	2.20%
MSCI Emerging Markets	-4.16%	11.19%	-2.55%	1.28%	1.84%
Fixed Income					
Bloomberg Barclays Global Aggregate	-7.07%	2.09%	-0.19%	0.21%	3.29%
Bloomberg Barclays Aggregate	-2.98%	2.65%	3.03%	2.23%	4.35%
Bloomberg Barclays Long Gov't	-11.50%	1.42%	7.71%	2.57%	6.60%
Bloomberg Barclays Long Credit	-5.40%	10.22%	6.98%	5.20%	6.87%
Bloomberg Barclays Long Gov't/Credit	-7.84%	6.67%	7.16%	4.06%	6.85%
Bloomberg Barclays US TIPS	-2.41%	4.68%	2.26%	0.89%	4.36%
Bloomberg Barclays High Yield	1.75%	17.13%	4.66%	7.37%	7.46%
Citi Group Non-U.S. WGBI	-10.84%	1.81%	-2.18%	-1.94%	2.54%
JP Morgan EMBI Global (Emerging Markets)	-4.21%	10.19%	5.59%	5.44%	6.75%
Commodities					
Bloomberg Commodity Index	2.66%	11.77%	-11.26%	-8.95%	-5.58%
Goldman Sachs Commodity Index	5.76%	11.37%	-20.60%	-13.13%	-8.10%
Hedge Funds					
HFRI Fund-Weighted Composite ²	1.31%	5.57%	2.44%	4.53%	3.37%
HFRI Fund of Funds ²	0.83%	0.48%	1.18%	3.41%	1.31%
Real Estate					
NAREIT U.S. Equity REITS	-2.89%	8.52%	13.38%	12.01%	5.08%
NCREIF NFI - ODCE ³	2.07%	8.72%	12.05%	12.20%	5.81%
Infrastructure					
Macquarie Global Infrastructure - North America	-2.80%	9.30%	2.95%	5.60%	3.08%

MSCI Indices show net returns.

All other indices show total returns.



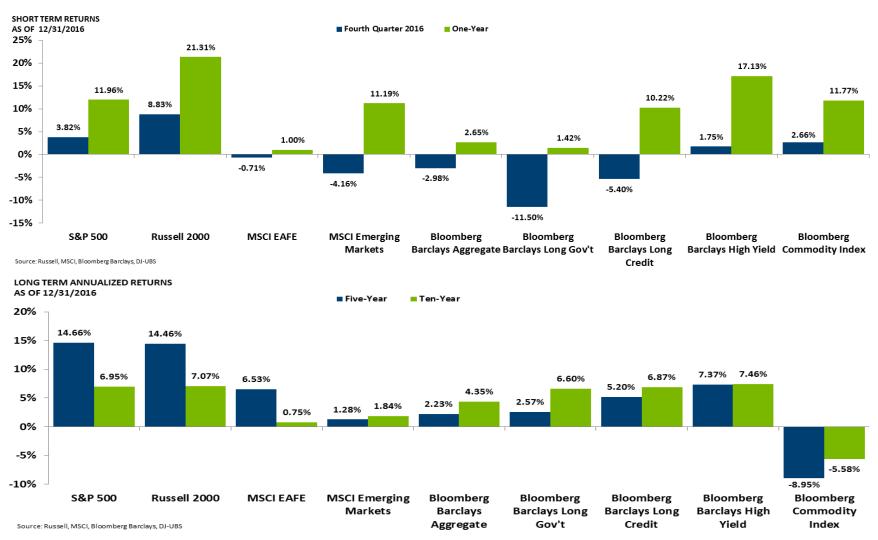
¹ Periods are annualized.

² Latest 5 months of HFR data are estimated by HFR and may change in the future.

³ Fourth quarter results are preliminary.

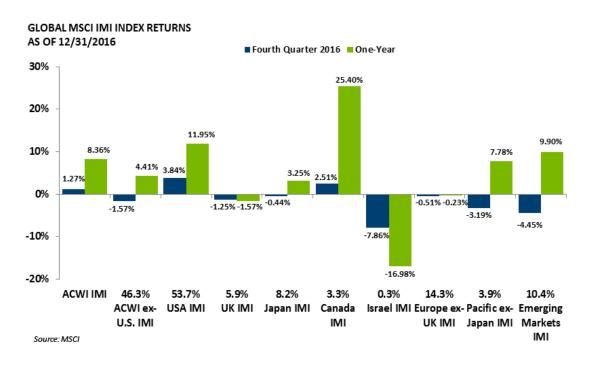
 $^{^4}$ Source: Burgiss Private iQ. Benchmark is as of 06/30/2016

Market Highlights





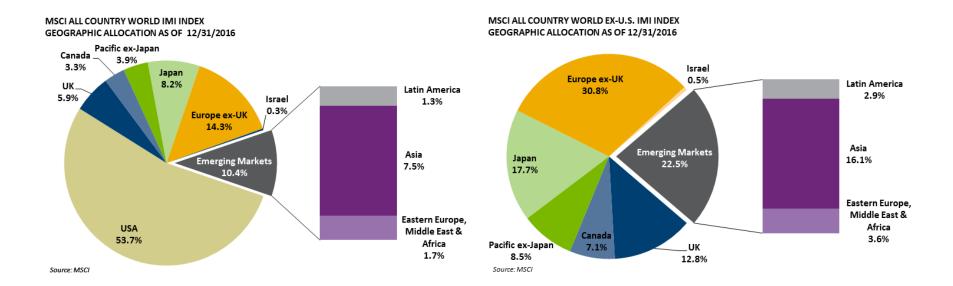
Global Equity Markets



- Global equity markets rose against a backdrop of political uncertainty in the form of the US Presidential elections,
 Italian constitutional referendum and ongoing Brexit discussions. Markets entered positive territory towards the end of the quarter on the hopes of Trump's fiscal reforms policies and rising crude oil prices.
- Global equity markets returned 1.27% in Q4 2016 with only US and Canada regions generating positive returns. US was the best performing market with a return of 3.84% over the quarter as strong Q3 2016 GDP data and growing inflation expectations over promises of greater fiscal spending under Trump's administration supported equities. The US Federal Reserve (Fed) raised the federal fund rate target by 25bps to 0.50-0.75% and indicated a faster pace of tightening in 2017.



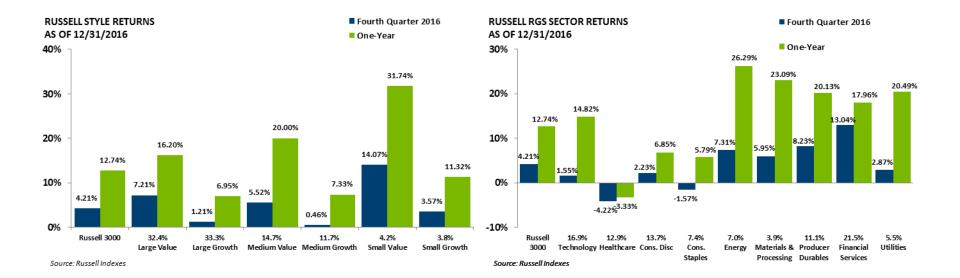
Global Equity Markets



• The two exhibits on this slide illustrate the percentage that each country/region represents of the global equity market as measured by the MSCI All Country World IMI Index and the MSCI All Country World ex-U.S. IMI Index.



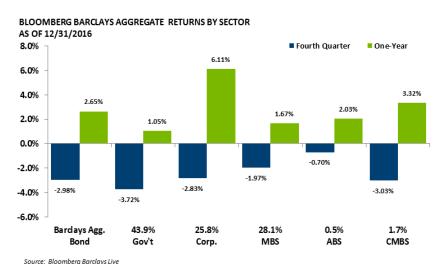
U.S. Equity Markets



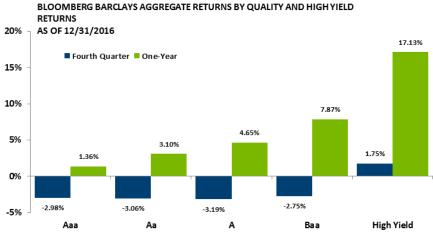
- The Russell 3000 Index returned 4.21% during the fourth quarter and returned 12.74% over the one-year period.
- During the fourth quarter, the financial services sector was the strongest performer, posting returns of 13.04%. The
 healthcare and consumer staples sectors were the weakest performers, with returns of -4.22% and -1.57%
 respectively.
- Performance across the market capitalization spectrum was positive over the quarter. Small cap stocks outperformed
 the other segments in Growth and Value stocks. Value stocks continued their outperformance relative to Growth stocks
 over 2016 across the capitalizations.



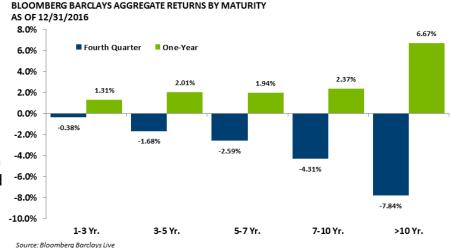
U.S. Fixed Income Markets



- The Bloomberg Barclays Aggregate Bond Index fell 2.98% in the fourth quarter. ABS bonds fell by the least with a return of -0.70% whilst Government bonds fell by the most, returning -3.72%.
- High yield bonds outperformed all investment grade corporate bonds, as high yield spreads fell by 71bps (according to the Bloomberg Barclays Live indices).
- Shortest duration bonds outperformed all other bonds in different maturities. This particularly benefitted high yield bonds which typically have low duration.

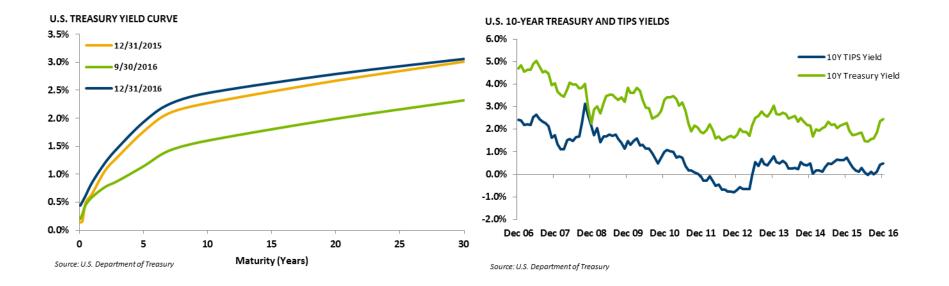


Source: Bloomberg Barclays Live





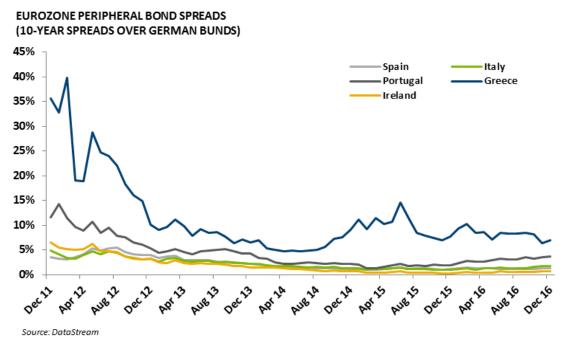
U.S. Fixed Income Markets



- The Treasury yield curve shifted upwards over the fourth quarter with yields rising across the curve. The yield curve also steepened over the quarter, driven by long maturity bonds rising faster than short maturity bonds.
- The Fed's decision to increase the target federal funds range by 25bps to 0.5-0.75% alongside higher breakeven inflation drove yields higher.
- The 10-year U.S. Treasury yield ended the quarter at 2.45%, 85 basis points higher than its level at the beginning of the quarter.
- The 10-year TIPS yield rose by 50 basis points over the quarter and ended the period at 0.50%.



European Fixed Income Markets



- In the Eurozone, government bond yields rose across the region with the exception of Greece. Bond spreads widened as the peripheral government bond yields rose at a faster pace than the core government bond yields. German bund yields moved into positive territory after several months of negative yields, and ended the quarter at 0.11%.
- Portuguese bond yields continued to rise due to concerns over the government's finances (the European Commission warned Portugal's 2017 draft budget for non-compliance issues) and a weakening of the economy.
- Italian government bond yields rose sharply as concerns over the rescue of the debt-heavy major bank Monte dei Paschi di Siena and Italian referendum weighed heavily on the European bond market. However, the Italian government's intervention to rescue the struggling banking sector towards the end of the quarter failed to stop the bond rout.
- Greek bond yields fell on the hopes of debt relief measures. However, this was later put on hold by the country's creditors following the government's decision to spend additional funds on pensions.

Credit Spreads

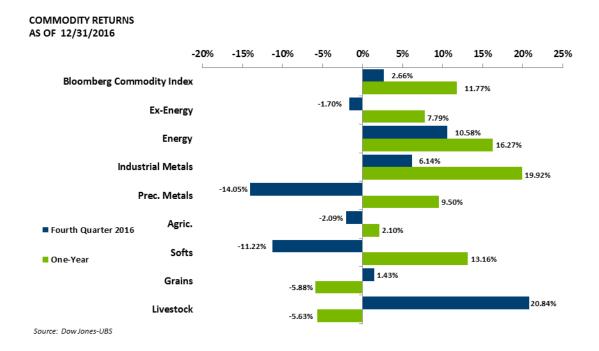
Spread (bps)	12/31/2016	9/30/2016	12/31/2015	Quarterly Change (bps)	1-Year Change (bps)
U.S. Aggregate	43	47	56	-4	-13
Long Gov't	3	3	4	0	-1
Long Credit	167	195	225	-28	-58
Long Gov't/Credit	104	118	138	-14	-34
MBS	15	14	24	1	-9
CMBS	75	84	121	-9	-46
ABS	59	55	72	4	-13
Corporate	123	138	165	-15	-42
High Yield	409	480	660	-71	-251
Global Emerging Markets	288	299	389	-11	-101

Source: Barclays Live

- During the fourth quarter, credit spreads were mixed across all the areas of the bond market.
- ABS bonds spreads (4 basis points) rose by the most over the quarter, followed by MBS bonds (1 basis point), whereas high yield spreads (-71 basis points) and long-dated credit (-28 basis points) fell by the most over the quarter.



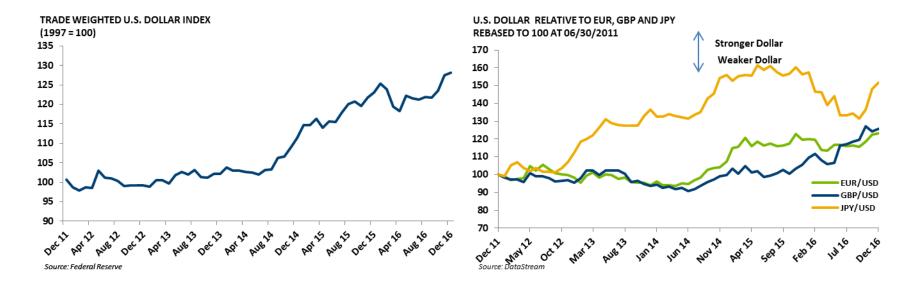
Commodities



- The Bloomberg Commodity Index rose during the fourth quarter, returning 2.66%.
- Over the quarter, the best performing segment was Livestock with a return 20.84%, followed by the Energy sector which returned 10.58%.
- Precious Metals was the worst performing sector during the quarter with a return of -14.05%.



Currency

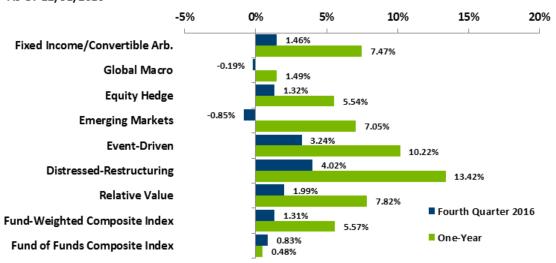


- As measured through the broad trade weighted U.S. dollar index, the U.S. dollar rose sharply over the quarter.
- The US dollar appreciated sharply against all major currencies as expectations of greater fiscal spending and increased number of future interest rate hikes led to significant US dollar inflows. The pound was dragged down by worries over the possibility of a hard-Brexit. The yen depreciated sharply against the dollar owing to the divergent monetary policy stances by the two central banks.



Hedge Fund

HEDGE FUND PERFORMANCE AS OF 12/31/2016



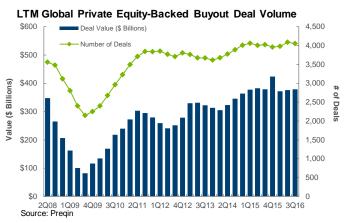
Note: Latest 5 months of HFR data are estimated by HFR and may change in the future.

Source: HFR

- Hedge fund performance was positive across all strategies with the exception of Global Macro and Emerging Markets.
- The HFRI Fund-Weighted Composite Index and the HFRI Fund of Funds Composite Index produced returns of 1.31% and 0.83%, respectively, during the quarter.
- Distressed-Restructuring was the best performer, with a return of 4.02% in the fourth quarter.



Private Equity Market Overview - Third Quarter 2016





- Fundraising: In 3Q 2016, \$108.4 billion was raised by 243 funds, which was down 21.3% on a capital basis and 13.2% by number of deals from the prior quarter. On a YTD basis, private equity fundraising totaled \$357.2 billion, which was up 6.8% year on year ¹. Dry powder was up roughly 4.5% compared to 2Q 2016's peak of \$1.2 trillion and remained well above the five year average level of \$910.4 billion ¹.
- Buyout: Global private equity-backed buyout deals totaled \$90.6 billion in the third quarter, which was down 9.2% from the prior quarter, but above the five year quarterly average of \$82.7 billion ¹. At the end of 3Q 2016, average purchase price multiples for all U.S. LBOs were 10.5x EBITDA, up from 10.1x as of the end of 2Q 2016. Both large cap and middle-market purchase price multiples increased on a YTD basis quarter over quarter. Middle-market purchase price multiples increased from 8.2x through 1H 2016 to 9.9x through 3Q 2016 ². The weighted average purchase price multiple across all European transaction sizes averaged 10.1x EBITDA through 3Q 2016. Purchase prices for transactions of €1.0 billion or more decreased slightly from 11.0x in 2Q 2016 to 10.9x in 3Q 2016. Transactions between €500.0 million and €1.0 billion were up 0.1x quarter over quarter, and stood at 10.6x ². Globally, exit value totaled \$87.9 billion on 448 deals in 3Q 2016, down 6.7% and 7.4%, respectively, from 2Q 2016 ¹.
- Venture: \$10.6 billion of capital was deployed across 891 deals in the third quarter compared to \$15.6 billion across 999 deals in 2Q 2016 ³. This was 36.4% lower than 3Q 2015 on a capital basis, but remains flat with the five year quarterly average level. Total U.S. venture-backed exit activity slowed by 2.3% during the quarter, totaling \$14.6 billion across 162 completed transactions. YTD U.S. exit value stood at \$38.6 billion compared to \$49.0 billion in 2015 ⁴.
- **Mezzanine:** 15 funds closed on \$4.7 billion during the quarter, up from 2Q 2016's total of \$2.5 billion raised by six funds. This was down compared to 3Q 2015's total of \$5.1 billion raised by nine funds, but was 31.1% higher than the five year quarterly average. Estimated dry powder was \$50.7 billion at the end of 3Q 2016, up 9.9% from 2Q 2016 1. Fundraising remains competitive with an estimated 74 funds in market targeting \$32.9 billion of commitments in addition to continued market participation from private lending platforms and business development companies (BDCs) 1.
- **Distressed Debt:** High-yield defaults slowed in 3Q to \$10.1 billion compared to \$34.7 billion a quarter ago. YTD defaults totaled \$63.5 billion through 3Q 2016, significantly above 2015's full year total of \$48.3 billion. The LTM U.S. high-yield default rate was 4.9% as of August 2016, which was flat relative to 2Q 2016 ⁵. Default rates are expected to decline due to the stabilization of crude oil prices and improved conditions in the high yield market ⁵. Distressed debt and bankruptcy restructuring activity totaled \$115.8 billion in 3Q 2016, bringing 3Q 2016 YTD activity to \$168.4 billion, which was up 67.0% from the same period a year ago. U.S. activity accounted for \$97.4 billion on a YTD basis, representing a 200.5% increase from 3Q 2015 ⁶.
- Secondaries: Nine funds raised \$3.3 billion during the third quarter, down from \$13.0 billion by nine funds in 2Q 2016. On an LTM basis, secondary capital raised totaled \$28.2 billion, up from the \$21.0 billion five year annual average ¹. The average discount rate for all private equity sectors decreased quarter over quarter from 8.6% to 8.5% and remains very favorable for potential sellers ⁷.
- Infrastructure: \$22.9 billion of capital was raised by 17 funds in 3Q 2016 compared to \$6.6 billion of capital closed on by 10 partnerships in 2Q 2016. At the end of the quarter, dry powder stood at \$139.0 billion, down slightly from last quarter's record total of \$142.0 billion ¹. Infrastructure managers completed 280 deals with an estimated aggregate deal value of \$108.4 billion in 3Q 2016 compared to 313 deals totaling \$154.6 billion a quarter ago ¹.
- Natural Resources: During 3Q 2016, 10 funds closed on \$9.7 billion compared to nine funds totaling \$3.9 billion in 2Q 2016. Energy and utilities industry managers completed an estimated 143 deals totaling a reported \$18.0 billion through 3Q 2016, representing 77.2% of 2015's full year deal value 1.

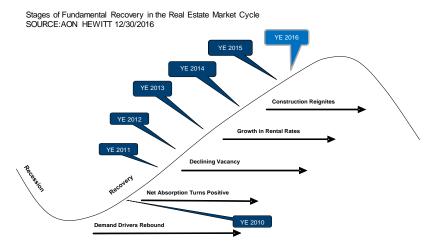
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- Sources: 1 Preqin 2 Standard & Poors 3 PWC / National Venture Capital Association (NVCA) MoneyTree Report 4 PitchBook 5 Fitch Ratings 6 Thomson Reuters 7 UBS
- Notes: FY: Fiscal year ended 12/31; YTD: Year to date; LTM: Last twelve months (aka trailing twelve months); PPM: Purchase Price Multiples: Total Purchase Price / EBITDA.



U.S. Commercial Real Estate Markets





*Fourth quarter returns are preliminary Sources: NCREIF. NAREIT

- U.S. private market real estate performed well on a relative basis in 2016, despite its clear moderating trend following five years of above average performance. The NFI-ODCE is now performing back in line with the sector's long term average, registering 8.72%* for the calendar year. Income growth for the year (4.48%)* outpaced appreciation (4.09%)* as expected, illustrating that income growth has become the larger driver of sector returns at this mature point in the real estate cycle. We expect these trends to continue in 2017.
- The U.S. REIT sector posted similar gains for the year, up 8.5% (FTSE NAREIT Equity REIT Index), but it was a bumpy road with elevated volatility quarter to quarter. In the fourth quarter REITs declined by 2.9%; this was led by interest rate concerns and mid-quarter jitters over the U.S. presidential election. Post-election enthusiasm for better economic growth appeared to buoy the sector as it rallied ahead of the broader equity markets late in the quarter. U.S. REITs ended the year trading at an approximate 1.5% premium to NAVs, although excluding the healthcare and net lease sectors, the REIT sector ended the year at an approximate 4% discount to private market valuations.
- Capital flows were robust throughout 2016, exceeding \$100bn in final closings for the fourth year in a row. Current signs indicate that the asset class should continue to attract significant levels of new capital in 2017. Notable trends in 2016 included a significant increase in average Fund size, while the number of final closings fell. There was increased investment in Real Estate Debt funds, while capital closed for Opportunistic funds fell significantly.
- Dry powder for higher risk investments currently stands at an all time peak. While this should help support current sector pricing for a bit longer, moderating trends in underlying fundamentals (for example rent growth), supply-demand balance, interest rates, and economic tailwinds raise investment risk levels at this mature point in the cycle. The outcome of the U.S. election and Brexit, as well as other potential leadership changes in Europe, have also added further risk in relation to political uncertainty globally. To-date, U.S. real estate has not illustrated any fundamental adjustments from these cumulative factors with the exception of a handful of firms with international exposure; if anything, the U.S. continues to benefit as a global safe(r) haven.
- As we enter 2017, the U.S. real estate cycle is mature, and thus more susceptible to bumps along the road. While solid income returns are forecasted to continue to support attractive relative returns against many other asset classes, portfolio construction consideration is essential. At this point in the cycle, appropriate risk mitigation measures should be a staple in all investment portfolios as new investments will likely be required to ride out a cyclical downturn.



^{*}Indicates preliminary NFI-ODCE data gross of fees

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Nebraska Investment Council



Highlights

Total Assets by Plan										
Total Defined Benefit Plan	\$10,621,529,764									
Defined Cont. & Deferred Comp.	\$1,034,943,673									
Total Cash Balance Benefit	\$1,850,086,444									
Hartford Options	\$33,414,624									
College Savings Plan	\$3,742,073,895									
State Farm CSP	\$452,097,113									
Health Care Endowments	\$385,732,165									
50/50 Endowments	\$816,964,302									
Excess Liability Fund	\$66,574,256									
In-House Trusts	\$9,219,239									
Internal Short-Term Liquidity Pool	\$262,738,005									
Operating Investment Pool (Internal Government/Corporate)	\$3,468,810,929									
Time Deposit Open Account	\$40,606,093									
University of Nebraska Foundation	\$293,444,017									
Total	\$23,078,234,518									

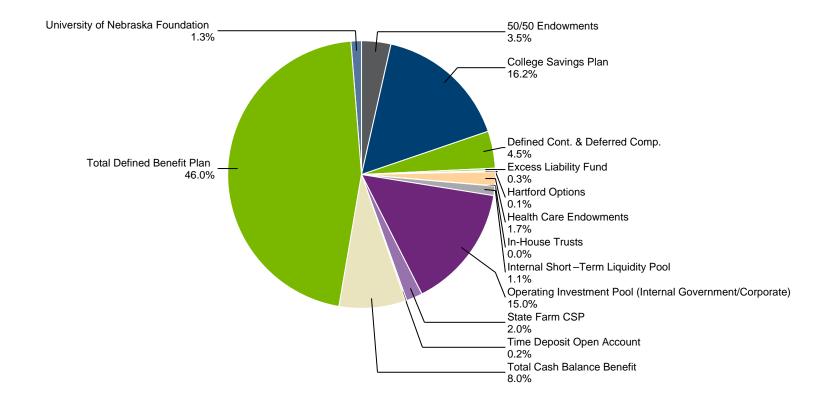
Performance(%)

	1	1	3	5	10						
	Quarter	Year	Years	Years	Years						
Major Capital Markets											
Dow Jones U.S. Total Stock Market Index	4.1	12.6	8.4	14.6	7.2						
MSCI AC World ex USA Index (Net)	-1.3	4.5	-1.8	5.0	1.0						
Blmbg. Barc. Universal	-2.6	3.9	3.3	2.8	4.6						
CPI	0.0	2.1	1.2	1.4	1.8						



Asset Allocation by Plan

December 31, 2016: \$23,078,234,518





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Total Defined Benefit Plan



Market Highlights

Global equities provided positive returns over the quarter, following a Trump win and rising commodity prices

The US Presidential election took center stage over the last few months of the year. A surprise win for Donald Trump had a profound effect on markets with clear winners and losers. Despite the disparity in regional returns, the MSCI All Country World Index returned 4.2% in local currency terms. US dollar strength, particularly following the US election, led to the index returning only 1.3% in US dollar terms. US equities (Dow Jones Total Stock Market) returned 4.1% over the quarter. In US dollar terms, the US* (3.5%) was the strongest performer. Expectations of reflationary policies under a Trump administration bolstered the US equity market as investors rotated out of bonds and into equities. The strengthening of the US dollar eroded much of the gains made in other regional equity markets. Expectations of increased protectionism under Trump weighed heavily on emerging markets ("EM"), as the MSCI Emerging Markets index returned -1.4% in local currency terms. Weaker EM currencies exacerbated poor returns, as the region returned -4.1% in US dollar terms. Japan* benefited from a weakening yen and rebounded strongly over the quarter in local currency terms. The weakness in the yen, however, eroded all positive return once translated into US dollars. Despite concerns relating to the health of European banks as well as the political uncertainty and subsequent fallout from the Italian referendum, European* equities performed well, returning 6.4% in local currency terms. Similarly, uncertainty relating to the impact of Brexit did not obstruct momentum building in the UK, as UK* equities returned 4.2% in the three months to the end of December. Rising commodity prices supported Australian* and Canadian* equities which rose 6.5% and 5.5% respectively, in local currency terms. 12 month global equity returns (MSCI AC World) were 9.7% in local currency terms, and 8.5% in US dollar terms. US equities (Dow Jones Total Stock Market) returned 12.6% over the 12 month period to 31 December 2016.

* MSCI Investible Market Regional Indices

Significant momentum building in the US economy

US economic growth picked up considerably, with third quarter growth of 3.5% (quarter-on-quarter annualized). There were further signs of a strong US economy as the manufacturing ISM index, an indicator of activity in the manufacturing sector, reached a two-year high of 54.7 (a contraction is indicated whenever the index falls below 50 while an expansion in the sector is indicated when the index rises above the 50 mark). Headline Consumer Price Index (CPI) inflation ticked upwards amid rising fuel costs. However, core inflation, which strips out food and energy costs, was unchanged at just above 2%. Despite the number of people working increasing at a slower rate than expected, the unemployment rate fell to a new post-crisis low of 4.5% in November. Real wage growth, however, continued to disappoint.

Federal Reserve hikes benchmark rate and targets three further hikes in 2017

Signs of a stronger economy alongside returning inflationary pressures prompted the Federal Reserve ("Fed") to increase the target for the Federal Funds rate to 0.5-0.75%. Moreover, with the potential of the economy to surprise on the upside, members of the Fed rate setting committee (FOMC) indicated that they envisaged an additional three rate increases in 2017, in line with market expectations.

Improving European economic conditions, however political risks remain ahead of a busy 2017

Eurozone GDP growth was unchanged at an annualized rate of 1.7%. However, growth picked up in the manufacturing sector; the manufacturing purchasing managers' index (similar to the US ISM index) increasing to a five-year high of 54.9. The unemployment rate also broke through the 10% threshold for the first time in five years, falling to 9.8% in October.

Nonetheless, uncertainty has not abated as renewed political risk across the continent (including ongoing Brexit negotiations and several key elections, not least in France and Germany) and a struggling banking sector present headwinds to a sustained recovery. On the subject of Brexit, the UK Prime Minister, Theresa May, hinted that a "hard" Brexit stance may be taken, with only marginal or no access to the single market, which could have an initial disruptive impact. Matteo Renzi's failure in the Italian referendum in December marked the first in a series of important elections over the next 12 months where populist forces are gaining momentum.

Market Highlights

The European Central Bank surprised markets by extending their quantitative easing programme, albeit at a slower pace of €60 billion per month. The ECB's President, Mario Draghi, was adamant that this did not constitute the first step in a series of tapering measures to reduce the size of the ECB's asset purchases.

Japan's economy continues to stutter but a weaker yen provides some help

The Japanese economy continued to stutter, posting anemic GDP growth of only 0.1% for the third quarter of 2016. On an annual basis, GDP growth slowed to 0.9% from 1.3%. There were, however, positive signs in the form of building inflationary pressures resulting in a break from 6 consecutive months of deflation. Headline CPI inflation rose to 0.5%.

The weakening of the yen provided a boost to the economy, partially restoring exporters' competitiveness to near early 2016 levels. The weakness in the yen has also alleviated pressure on the Bank of Japan to enact further measures to revitalise a stagnant economy. As such, the monetary policy troika of negative short term rates, yield curve control and annual purchases of Japanese government bonds at ¥80 trillion were unchanged. Minutes from the last Bank of Japan policy meeting revealed that there have been upward revisions for both exports and output, noting that the economy continues to recover albeit at a moderate pace.

Small cap stocks benefit from Trump trade

US large cap stocks (Russell 1000) underperformed US small cap stocks (Russell 2000) benefiting from expectations of fiscal stimulus as the latter's higher beta and domestic focus caused them to outperform in rising markets. US small cap stocks returned 8.8% over the fourth quarter, while large cap stocks returned 3.8%.

China showed some resilience in Q4, boosted by government stimulus. Supportive commodity prices provided further support but headwinds from rising protectionism are forming

Improving economic data out of China lessened the likelihood of a hard landing, at least for now. After a weak start to the year, the manufacturing sector continued to expand towards the end of the year; the Caixin manufacturing Purchasing Managers' Index (PMI) steadily rose to 51.9 in December. The surprise demonetisation announcement by the Indian government led to some dislocations in the commercial system, however the overall impact is still unclear. The broad commodity index (S&P GSCI Commodity Index) rose 5.8% over the last three months of the year. The energy sector drove this strong performance, with the S&P GSCI Energy index providing an 8.7% total return over the period. Brent crude oil prices surged to end the year at over \$55/bbl as OPEC agreed to cut production by 1.2 million barrels per day. Industrial metals also had a solid end to the year, returning 5.7% over the quarter. On the other hand, the S&P GSCI Agriculture index slumped over the three months to end the quarter 3.1% down.

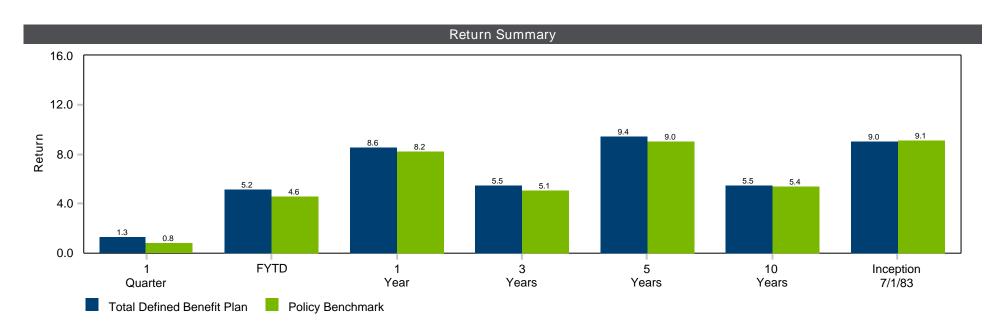
Yields surge following expectations of higher inflation

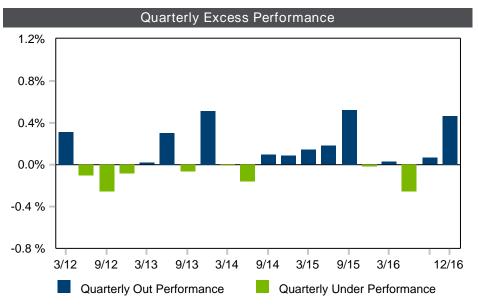
10 year US treasury yields surged over the fourth quarter rising by 85bps to 2.44%. Expectations of greater inflation on the back of reflationary policies pursued by President-elect Trump, led to a pronounced sell-off in government bonds. The Barclays US Treasury 20+ year total return index returned - 12.2%, while the Barclays Global Aggregate Index returned -7.1%. In the corporate sector, high yield outperformed credit on a global basis, returning - 0.2% (Barclays Global High Yield Index), versus -4.4% for investment grade credit (Barclays Global Credit Index).

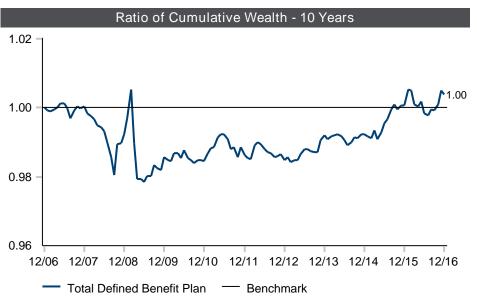
The bond sell-off spreads across the Atlantic to Europe

The European sell-off was particularly pervasive and led to widespread increases in bond yields. The Barclays Euro Agg total return index fell -2.4% in euro terms but this translated into an 8.4% loss in USD terms due to euro depreciation against the dollar. European credit outperformed government bonds, returning -1.5% (-7.3% in USD terms).

Total Plan Performance Summary









As of December 31, 2016

Asset Allocation & Performance

	Alloc	cation					Perfor	mance(%)			
	Market Value \$	%	Policy(%)	1 Quarter	FYTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total Defined Benefit Plan	\$10,621,529,764	100.0	100.0	1.3 (20)	5.2 (21)	8.6 (12)	5.5 (11)	9.4 (8)	5.5 (17)	9.0	07/01/1983
Policy Benchmark				0.8 (43)	4.6 (41)	8.2 (17)	5.1 (20)	9.0 (14)	5.4 (18)	9.1	
Total U.S. Equity	\$3,758,643,783	35.4	31.5	4.7 (28)	9.2 (36)	13.3 (27)	8.6 (19)	14.8 (14)	7.1 (19)	9.6	07/01/1983
Dow Jones U.S. Total Stock Market				4.1 (48)	8.8 (48)	12.6 (50)	8.4 (23)	14.6 (25)	7.2 (18)	10.5	
DFA	\$413,337,438	3.9		11.8 (12)	19.9 (25)	24.2 (19)	8.1 (40)	17.0 (18)	7.6 (49)	12.4 (7)	10/01/1996
Russell 2000 Index*				8.8 (60)	18.7 (35)	21.3 (37)	7.0 (62)	14.2 (66)	5.9 (89)	9.7 (62)	
BlackRock Russell 1000 Index	\$3,345,242,282	31.5		3.8 (48)	8.0 (41)	12.1 (23)	8.6 (30)	14.7 (30)		6.7 (34)	10/01/2007
Russell 1000 Index				3.8 (49)	8.0 (42)	12.1 (25)	8.6 (30)	14.7 (31)		6.6 (35)	
Total Non-U.S. Equity	\$1,068,907,313	10.1	13.5	-2.0 (38)	6.3 (11)	2.6 (68)	-1.0 (53)	5.8 (52)	0.5 (91)	5.2	10/01/1991
MSCI All Country World ex-U.S. IMI*				-1.6 (27)	5.4 (22)	4.4 (32)	-1.4 (70)	5.3 (67)	1.3 (51)	5.6	
BlackRock World ex-U.S. IMI	\$635,828,699	6.0		-0.7 (26)	5.9 (32)	3.4 (49)	-0.9 (46)	6.8 (42)	1.3 (65)	7.0 (71)	07/01/2003
MSCI World ex-U.S. IMI*				-0.7 (26)	5.8 (34)	3.0 (50)	-1.2 (51)	6.5 (47)	0.9 (73)	6.7 (77)	
Baillie Gifford	\$161,245,539	1.5		-7.3 (83)	5.9 (22)	3.2 (85)	-1.7 (36)	2.2 (52)	3.2 (27)	11.6 (23)	07/01/2003
MSCI Emerging Markets Index (Net)				-4.2 (42)	4.5 (35)	11.2 (35)	-2.6 (55)	1.3 (70)	1.8 (57)	9.9 (60)	
Gryphon	\$271,317,112	2.6		-1.7 (36)	7.7 (18)	0.3 (67)	-1.0 (48)			4.3 (39)	01/01/2013
MSCI All Country World ex-U.S. IMI				-1.6 (35)	5.4 (37)	4.4 (42)	-1.4 (53)			2.6 (60)	
McKinley	\$515,963	0.0									
Total Global Equity	\$1,635,684,706	15.4	15.0	0.9 (44)	5.9 (45)	7.7 (37)	3.1 (49)	9.9 (55)	4.2 (49)	6.5 (31)	09/01/2005
MSCI All Country World IMI*				1.3 (40)	6.9 (37)	8.4 (32)	3.2 (47)	9.6 (63)	3.7 (61)	5.6 (62)	
MFS	\$323,945,652	3.0		-0.4 (57)	4.8 (54)	7.5 (38)	3.7 (39)	12.3 (16)	6.7 (9)	8.3 (7)	10/01/2005
MSCI All Country World IMI*				1.3 (40)	6.9 (37)	8.4 (32)	3.2 (47)	9.6 (65)	3.7 (62)	5.3 (62)	
IronBridge	\$233,618,460	2.2		-3.4 (85)	0.8 (83)	-1.1 (93)	0.9 (82)	8.3 (83)		9.2 (84)	01/01/2009
MSCI All Country World IMI*				1.3 (40)	6.9 (37)	8.4 (32)	3.2 (47)	9.6 (65)		10.5 (62)	
BlackRock All Country World IMI	\$413,590,276	3.9		1.4 (39)	7.1 (36)	8.9 (26)	3.7 (39)	10.1 (50)		5.7 (59)	05/01/2011
MSCI All Country World IMI				1.3 (40)	6.9 (37)	8.4 (32)	3.2 (47)	9.6 (65)		5.4 (66)	
Arrowstreet	\$497,565,810	4.7		3.1 (20)						5.2 (12)	09/01/2016
MSCI AC World IMI (Net)				1.3 (40)						2.0 (37)	
Wellington Equity	\$166,476,313	1.6		1.9						3.4 (58)	09/01/2016
MSCI AC World Small Cap (Net)				1.8						3.3 (59)	
Acadian Global Equity	\$180,436	0.0									
Mondrian	\$307,760	0.0									





	Alloc	ation					Perfor	mance(%)			
	Market Value \$	%	Policy(%)	1 Quarter	FYTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total Fixed Income	\$2,997,087,986	28.2	30.0	-1.8 (45)	-0.3 (40)	5.0 (46)	3.3 (54)	3.3 (45)	5.1 (28)	8.1	07/01/1983
Blmbg. Barc. Universal Bond Index*				-2.6 (75)	-1.7 (76)	3.9 (65)	3.3 (56)	2.8 (58)	4.6 (58)	8.0	
BlackRock Core Plus Universal	\$387,202,389	3.6		-1.7 (23)	-1.3 (60)	3.8 (65)	3.6 (36)	3.2 (62)	5.0 (58)	5.9 (25)	04/01/1998
Blmbg. Barc. Universal Bond Index*				-2.6 (69)	-1.7 (71)	3.9 (60)	3.3 (52)	2.8 (81)	4.6 (83)	5.5 (52)	
PIMCO	\$520,973,975	4.9		-1.7 (22)	-0.2 (28)	4.6 (45)	3.0 (69)	3.1 (64)	5.1 (51)	6.0 (21)	04/01/1998
Blmbg. Barc. Univeral Bond Index*				-2.6 (69)	-1.7 (71)	3.9 (60)	3.3 (52)	2.8 (81)	4.6 (83)	5.5 (52)	
BlackRock Aggregate Bond Index	\$594,071,279	5.6		-3.0 (67)	-2.5 (65)	2.7 (54)	3.1 (39)	2.3 (65)	4.5 (56)	4.5 (54)	02/01/2006
Blmbg. Barc. Aggregate Bond Index				-3.0 (66)	-2.5 (65)	2.6 (59)	3.0 (50)	2.2 (70)	4.3 (70)	4.4 (67)	
Loomis Sayles	\$148,998,876	1.4		-1.1 (15)	2.9 (9)	10.0 (6)	5.0 (4)	7.9 (1)	6.9 (2)	7.4 (2)	07/01/2006
Blmbg. Barc. Universal Bond Index*				-2.6 (69)	-1.7 (71)	3.9 (60)	3.3 (52)	2.8 (81)	4.8 (73)	5.4 (49)	
Wellington Global	\$275,714,020	2.6		-7.2 (87)	-6.7 (91)	1.5 (84)				-2.1 (64)	09/01/2014
Blmbg. Barc. Global Aggregate				-7.1 (85)	-6.3 (88)	2.1 (78)				-2.1 (65)	
Loomis Sayles Bank Loans	\$255,242,171	2.4		1.5 (89)	3.8 (92)	7.4 (89)				3.2 (70)	06/01/2014
S&P/LSTA Leveraged Loan Index				2.3 (23)	5.4 (25)	10.2 (20)				3.4 (49)	
Franklin Templeton	\$257,284,834	2.4		2.3 (22)	5.4 (23)	9.6 (36)				3.6 (28)	07/01/2014
Credit Suisse Leveraged Loan (Split BB)				1.7 (84)	4.3 (74)	8.5 (61)				4.0 (9)	
Neuberger Berman Core Plus	\$448,568,418	4.2		-2.2 (40)	-0.6 (37)	5.1 (36)				2.7 (50)	07/01/2015
Blmbg. Barc. Universal Bond Index				-2.6 (69)	-1.7 (71)	3.9 (60)				2.7 (50)	
Opportunistic Fixed Income - PIMCO Bravo II	\$83,293,162	0.8									
Opportunistic Fixed Income - Oaktree	\$22,835,627	0.2									
Opportunistic Cash and Int Rec	\$2,598,212	0.0									
Contributions and Withdrawals	\$305,018	0.0									
Total Real Estate	\$663,694,278	6.2	6.0	2.0	3.8	10.8	12.2	10.9	4.0	6.9	12/01/2004
Performance Benchmark				1.9	3.7	7.8	11.0	10.9	6.9	8.8	
CB Richard Ellis Strategic	\$12,102,774	0.1									
Prudential PRISA I	\$152,276,975	1.4									
UBS Real Estate	\$132,595,852	1.2									
Cornerstone Patriot Fund	\$123,248,778	1.2									
Rockwood Capital Real Estate Fund IX	\$12,939,604	0.1									
Prudential PRISA II	\$60,917,604	0.6									
Beacon	\$983,269	0.0									
Five Arrows Realty	\$4,915,239	0.0									
Heitman Value Partners II	\$772,157	0.0									
RockPoint Fund III	\$2,302,870	0.0									
Landmark Real Estate VI	\$12,231,816	0.1									
Landmark Real Estate VII	\$23,618,144	0.2									
AG Realty Fund VIII	\$13,983,410	0.1									
UBS Trumbull Property Income	\$56,457,740	0.5									

Performance for individual private equity accounts are provided separately in the private equity performance report.



	Alloc	ation			Pe				Performance(%)			
	Market Value \$	%	Policy(%)	1 Quarter	FYTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date	
Almanac Realty Securities VII	\$11,567,901	0.1										
Torchlight IV	\$16,955,027	0.2										
Torchlight V	\$8,995,543	0.1										
Rockwood Capital Real Estate Fund X	\$6,174,076	0.1										
Real Estate Cash	\$10,655,500	0.1										
Total Private Equity	\$489,455,093	4.6	4.0	3.2	7.9	9.2	11.8	11.6	6.7	2.6	09/01/2005	
Dow Jones U.S. Total Stock Market + 3%				4.9	10.4	16.0	11.6	18.0	10.4	11.2		
Abbott Capital	\$15,543,510	0.1										
Pathway	\$40,764,475	0.4										
Sun Capital	\$13,402,471	0.1										
Dover Street VIII	\$14,879,222	0.1										
CMEA Ventures VII	\$6,545,640	0.1										
New Mountain Partners III	\$17,491,741	0.2										
New Mountain Partners IV	\$16,987,454	0.2										
Citigroup Venture Capital International	\$8,290,541	0.1										
Wayzata Opportunities Fund II	\$1,795,352	0.0										
Resolute Fund II	\$10,776,990	0.1										
Resolute Fund III	\$12,243,636	0.1										
Accell KKR Capital Partners III	\$7,198,852	0.1										
BridgePoint Europe IV	\$9,274,601	0.1										
Quantum Energy Partners V	\$20,225,203	0.2										
Quantum Energy Partners VI	\$11,203,784	0.1										
CVC European Equity Partners	\$7,388,591	0.1										
CVC European Equity Partners V	\$11,782,269	0.1										
Fulcrum Growth Partners IV	\$7,453,061	0.1										
Ares Corporate Opp Fund III	\$13,382,235	0.1										
Ares Corporate Opportunities Fund IV	\$14,402,079	0.1										
New Enterprise Associates 13	\$20,802,760	0.2										
New Enterprise Associates 14	\$22,077,171	0.2										
Lincolnshire Equity Partners IV	\$15,483,023	0.1										
Longroad Capital Partners LP	\$227,875	0.0										
Merit Mezzanine Fund V	\$9,174,271	0.1										
Ares Mezzanine Fund Partners	\$56,390	0.0										
Lightyear Fund III	\$13,791,283	0.1										
EIF U.S. Power Fund IV	\$14,420,045	0.1										
McCarthy Capital Fund V	\$14,748,604	0.1										
Green Equity Investors VI	\$17,011,530	0.2										
Wayzata Opp Fund III	\$6,880,307	0.1										

Performance for individual private equity accounts are provided separately in the private equity performance report.



	Alloc	ation		Performance(%)								
	Market Value \$	%	Policy(%)	1 Quarter	FYTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date	
Accell KKR Capital Partners IV	\$7,474,303	0.1										
Beeker Petty O'Keefe & Co. IV	\$11,408,604	0.1										
Pine Brook Capital Partners II	\$18,930,920	0.2										
EMG III LP	\$19,811,954	0.2										
Francisco Partners IV	\$8,589,686	0.1										
Wynnchurch Capital Partners IV	\$3,354,852	0.0										
BridgePoint Europe V	\$5,086,701	0.0										
McCarthy Capital Fund VI	\$5,047,387	0.0										
Private Equity Cash	\$13,419,601	0.1										
Total Cash	\$8,056,606	0.1	0.0									
STIF	\$8,056,606	0.1										

The Inception-to-Date IRR as of 9/30/2016 is 7.09% for Real Estate and the Inception-to-Date IRR as of 9/30/2016 is 10.17% for Private Equity.

The Private Equity asset class returns are time-weighted.



^{*} Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report.

	Performance(%)									
	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Total Defined Benefit Plan	1.1 (17)	6.9 (27)	18.3 (22)	12.9 (51)	0.4 (52)	13.3 (41)	22.1 (17)	-27.6 (66)	7.8 (59)	15.2 (25)
Policy Benchmark	0.3 (35)	6.9 (28)	17.4 (28)	13.1 (45)	0.3 (59)	13.5 (38)	22.9 (14)	-27.0 (51)	7.8 (59)	14.3 (42)
Total U.S. Equity	0.6 (24)	12.2 (19)	34.1 (50)	16.3 (50)	0.9 (45)	18.1 (51)	30.1 (38)	-39.3 (71)	5.5 (34)	14.9 (44)
Dow Jones U.S. Total Stock Market	0.4 (27)	12.5 (18)	33.5 (52)	16.4 (46)	1.1 (40)	17.5 (69)	28.6 (49)	-37.2 (34)	5.6 (32)	15.8 (37)
DFA	-2.6 (54)	4.6 (58)	42.0 (35)	21.8 (10)	-7.2 (86)	33.8 (12)	36.1 (29)	-37.5 (62)	-10.1 (94)	23.1 (5)
Russell 2000 Index*	-4.4 (77)	5.6 (51)	34.5 (88)	18.0 (31)	-5.5 (80)	24.5 (70)	20.6 (86)	-28.9 (9)	-9.8 (94)	18.6 (12)
BlackRock Russell 1000 Index	1.0 (45)	13.2 (42)	33.1 (42)	16.5 (32)	1.6 (50)	16.2 (25)	28.5 (35)	-37.6 (64)		
Russell 1000 Index	0.9 (47)	13.2 (41)	33.1 (42)	16.4 (32)	1.5 (50)	16.1 (25)	28.4 (35)	-37.6 (64)		
Total Non-U.S. Equity	-1.3 (27)	-4.2 (82)	18.6 (35)	15.2 (100)	-14.5 (86)	9.5 (90)	34.0 (71)	-45.1 (43)	15.1 (53)	27.6 (39)
MSCI All Country World ex-U.S. IMI*	-4.6 (80)	-3.9 (70)	15.8 (75)	17.0 (79)	-14.3 (82)	12.4 (37)	42.1 (4)	-45.2 (45)	17.1 (18)	27.2 (51)
BlackRock World ex-U.S. IMI	-1.7 (49)	-4.2 (59)	21.9 (41)	17.2 (64)	-13.1 (45)	9.3 (74)	34.2 (62)	-43.3 (39)	12.8 (55)	26.0 (61)
MSCI World ex-U.S. IMI*	-2.0 (50)	-4.5 (62)	21.6 (42)	17.0 (65)	-13.3 (47)	8.9 (76)	33.7 (63)	-43.6 (40)	12.4 (55)	25.7 (63)
Baillie Gifford	-8.2 (14)	0.2 (36)	4.2 (26)	13.0 (92)	-20.3 (60)	19.5 (56)	99.3 (13)	-55.9 (65)	46.2 (13)	37.2 (21)
MSCI Emerging Markets Index (Net)	-14.9 (59)	-2.2 (63)	-2.6 (69)	18.2 (65)	-18.4 (47)	18.9 (61)	78.5 (51)	-53.3 (37)	39.4 (47)	32.2 (49)
Gryphon	3.9 (21)	-6.9 (83)	21.8 (41)							
MSCI All Country World ex-U.S. IMI	-4.6 (61)	-3.9 (56)	15.8 (60)							
Total Global Equity	-2.0 (63)	3.9 (48)	25.5 (56)	16.6 (44)	-3.5 (31)	11.3 (68)	30.0 (62)	-40.0 (42)	12.3 (44)	26.3 (21)
MSCI All Country World IMI*	-2.2 (65)	3.8 (48)	23.6 (66)	16.4 (45)	-7.9 (57)	13.5 (48)	34.6 (44)	-42.2 (57)	11.7 (47)	21.0 (54)
MFS	-0.9 (54)	4.7 (40)	29.1 (35)	23.9 (6)	-3.6 (32)	13.1 (52)	35.1 (44)	-33.8 (18)	10.1 (57)	24.9 (29)
MSCI All Country World IMI*	-2.2 (65)	3.8 (48)	23.6 (66)	16.1 (49)	-7.3 (54)	12.7 (54)	34.6 (44)	-42.2 (57)	11.7 (47)	21.0 (54)
IronBridge	0.7 (39)	3.2 (54)	27.1 (48)	14.2 (66)	-7.5 (55)	14.7 (40)	27.7 (71)			
MSCI All Country World IMI*	-2.2 (65)	3.8 (48)	23.6 (66)	16.1 (49)	-7.3 (54)	12.7 (54)	34.6 (44)			
BlackRock All Country World IMI	-1.8 (62)	4.2 (43)	24.1 (64)	16.9 (40)						
MSCI All Country World IMI	-2.2 (65)	3.8 (48)	23.6 (66)	16.1 (49)						
Arrowstreet										
MSCI AC World IMI (Net)										
NA (11) (= 1)										

Wellington Equity

MSCI AC World Small Cap (Net)



^{*} Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report.

	Performance(%)									
	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Total Fixed Income	0.0 (46)	5.1 (76)	-1.4 (48)	7.9 (41)	5.9 (87)	10.2 (28)	14.2 (52)	-1.8 (26)	6.8 (47)	4.9 (36)
Blmbg. Barc. Universal Bond Index*	0.4 (28)	5.6 (60)	-1.3 (48)	5.5 (87)	7.4 (60)	7.2 (82)	8.6 (73)	2.4 (12)	6.5 (48)	5.0 (34)
BlackRock Core Plus Universal	1.1 (4)	6.0 (47)	-1.4 (77)	6.7 (71)	8.8 (6)	8.5 (59)	12.2 (66)	-1.4 (42)	6.3 (39)	4.7 (52)
Blmbg. Barc. Universal Bond Index*	0.4 (30)	5.6 (63)	-1.3 (74)	5.5 (89)	7.4 (40)	7.2 (86)	8.6 (91)	2.4 (26)	6.5 (32)	5.0 (41)
PIMCO	-0.1 (53)	4.7 (87)	-1.5 (79)	8.3 (46)	4.7 (88)	9.0 (43)	14.1 (56)	0.1 (37)	7.9 (3)	5.1 (37)
Blmbg. Barc. Univeral Bond Index*	0.4 (30)	5.6 (63)	-1.3 (74)	5.5 (89)	7.4 (40)	7.2 (86)	8.6 (91)	2.4 (26)	6.5 (32)	5.0 (41)
BlackRock Aggregate Bond Index	0.6 (33)	6.2 (34)	-1.9 (55)	4.3 (83)	7.9 (25)	6.8 (58)	6.0 (84)	5.4 (25)	7.1 (21)	
Blmbg. Barc. Aggregate Bond Index	0.5 (46)	6.0 (39)	-2.0 (61)	4.2 (84)	7.8 (26)	6.5 (70)	5.9 (85)	5.2 (27)	7.0 (26)	
Loomis Sayles	-2.8 (94)	8.3 (2)	4.7 (3)	20.7 (1)	1.7 (99)	15.2 (2)	52.4 (1)	-27.4 (100)	2.4 (96)	
Blmbg. Barc. Universal Bond Index*	0.4 (30)	5.6 (63)	-1.3 (74)	5.5 (89)	7.4 (40)	8.8 (48)	58.2 (1)	-26.2 (99)	1.9 (97)	
Wellington Global	-2.8									
Blmbg. Barc. Global Aggregate	-3.2									
Loomis Sayles Bank Loans	1.1									
S&P/LSTA Leveraged Loan Index	-0.7									
Franklin Templeton	0.0									
Credit Suisse Leveraged Loan (Split BB)	1.5									
Neuberger Berman Core Plus										
Blmbg. Barc. Universal Bond Index										
Opportunistic Fixed Income - PIMCO Bravo II										
Opportunistic Fixed Income - Oaktree										
Opportunistic Cash and Int Rec										
Contributions and Withdrawals										
Total Real Estate	14.2	11.7	9.6	8.4	15.6	9.4	-23.6	-14.5	7.0	27.6
Performance Benchmark	13.3	11.8	11.0	10.5	14.3	13.1	-16.8	-6.5	15.8	16.6

CB Richard Ellis Strategic

Prudential PRISA I

UBS Real Estate

Cornerstone Patriot Fund

Rockwood Capital Real Estate Fund IX

Prudential PRISA II

Beacon

Five Arrows Realty

Heitman Value Partners II

RockPoint Fund III

Landmark Real Estate VI

Landmark Real Estate VII



^{*} Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report.

Asset Allocation & Performance

		71000	r moodi		omianoo						
	Performance(%)										
	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	
AG Realty Fund VIII											
UBS Trumbull Property Income											
Almanac Realty Securities VII											
Francisco Partners IV											
Torchlight IV											
Torchlight V											
Rockwood Capital Real Estate Fund X											
Real Estate Cash											
Total Private Equity	14.4	11.9	13.0	9.6	10.9	25.0	-10.8	-7.6	-3.8	-24.7	
Dow Jones U.S. Total Stock Market + 3%	3.5	15.8	37.4	19.8	4.1	21.0	32.4	-35.3	8.8	19.2	
Abbott Capital											
Pathway											
Sun Capital											

Dover Street VIII

CMEA Ventures VII

New Mountain Partners III

New Mountain Partners IV

Citigroup Venture Capital International

Wayzata Opportunities Fund II

Resolute Fund II

Resolute Fund III

Accell KKR Capital Partners III

BridgePoint Europe IV

Quantum Energy Partners V

Quantum Energy Partners VI

CVC European Equity Partners

CVC European Equity Partners V

Fulcrum Growth Partners IV

Ares Corporate Opp Fund III

Ares Corporate Opportunities Fund IV

New Enterprise Associates 13

New Enterprise Associates 14

Lincolnshire Equity Partners IV

Longroad Capital Partners LP

Merit Mezzanine Fund V

Ares Mezzanine Fund Partners



^{*} Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report.

Asset Allocation & Performance

		713301	rinocatic	on a rem	rinarioc					
	Performance(%)									
	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Lightyear Fund III										
EIF U.S. Power Fund IV										
McCarthy Capital Fund V										
Green Equity Investors VI										
Wayzata Opp Fund III										
Accell KKR Capital Partners IV										
Beeker Petty O'Keefe & Co. IV										
Pine Brook Capital Partners II										
EMG III LP										
Francisco Partners IV										
Wynnchurch Capital Partners IV										
BridgePoint Europe V										
McCarthy Capital Fund VI										
Private Equity Cash										
Total Cash										
CTIE										

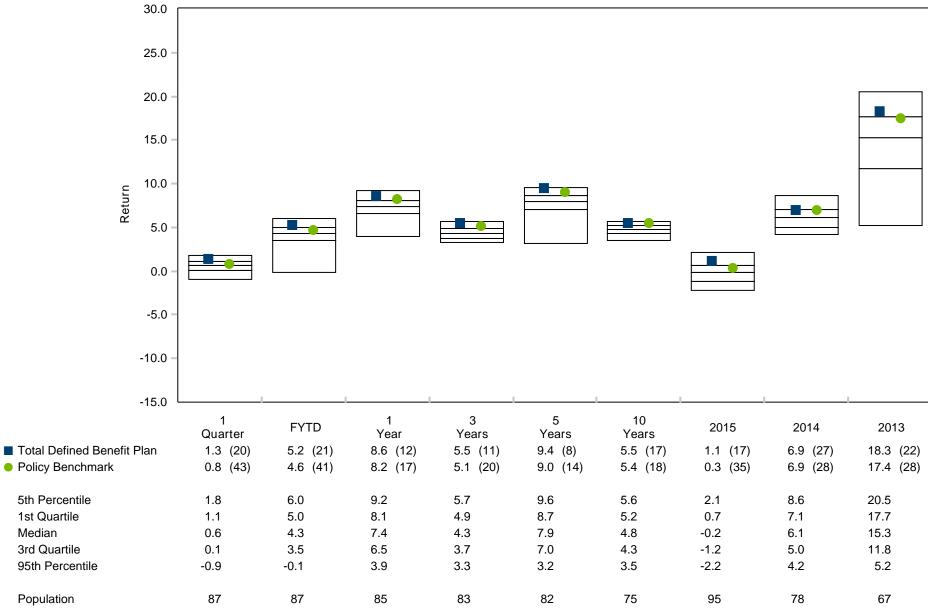
The Private Equity asset class returns are time-weighted. Performance for individual Private Equity accounts are provided separately in the Private Equity performance report.



^{*} Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report.

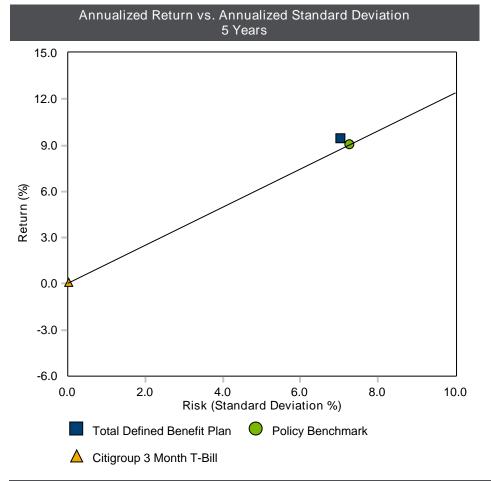
Plan Sponsor Peer Group Analysis

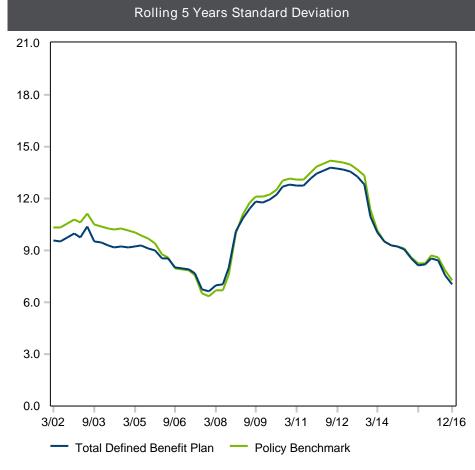
All Public Plans > \$1B-Total Fund





Total Defined Benefit Plan Risk Profile

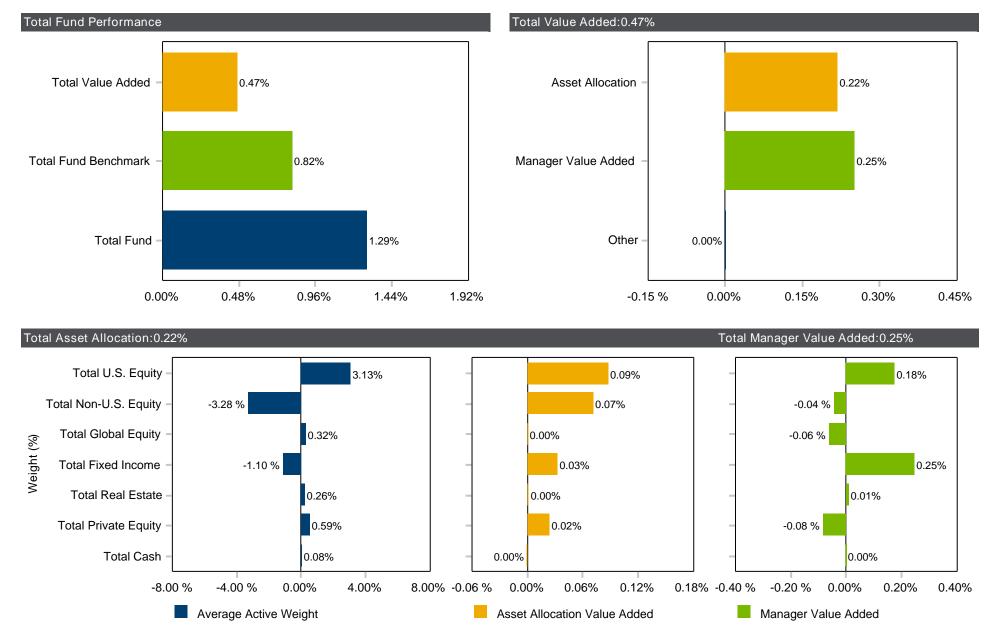




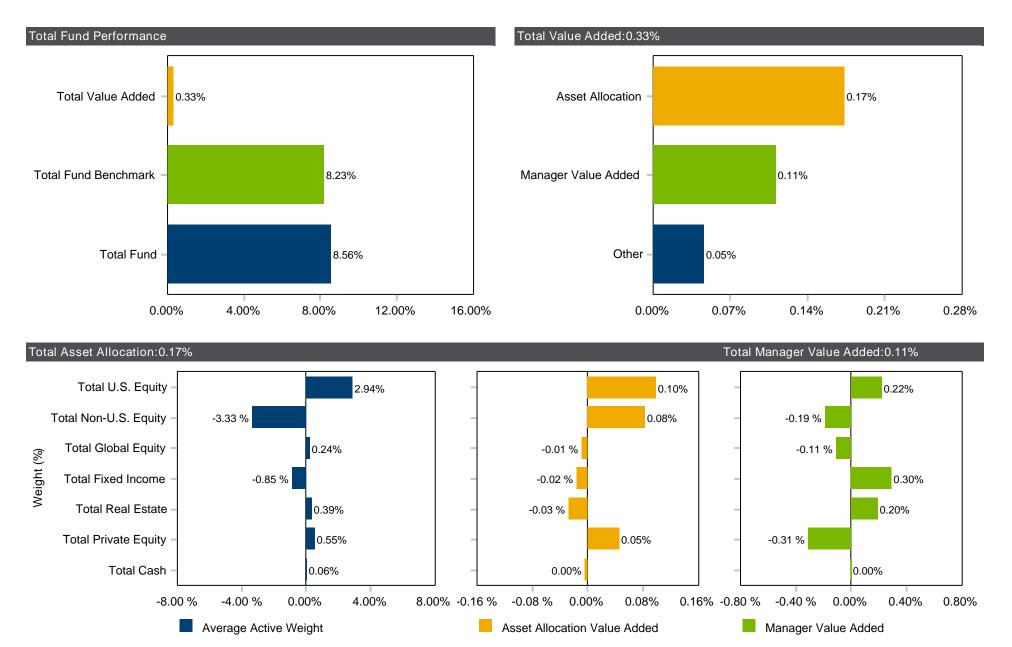
5 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation	
Total Defined Benefit Plan	0.34	0.59	0.58	0.99	1.30	0.64	0.97	9.42	7.05	1.00	
Policy Benchmark	0.00	0.00	N/A	1.00	1.22	0.00	1.00	9.03	7.27	1.00	
Citigroup 3 Month T-Bill	-8.84	7.27	-1.22	0.00	N/A	0.09	0.00	0.09	0.03	0.02	



Total Fund Attribution

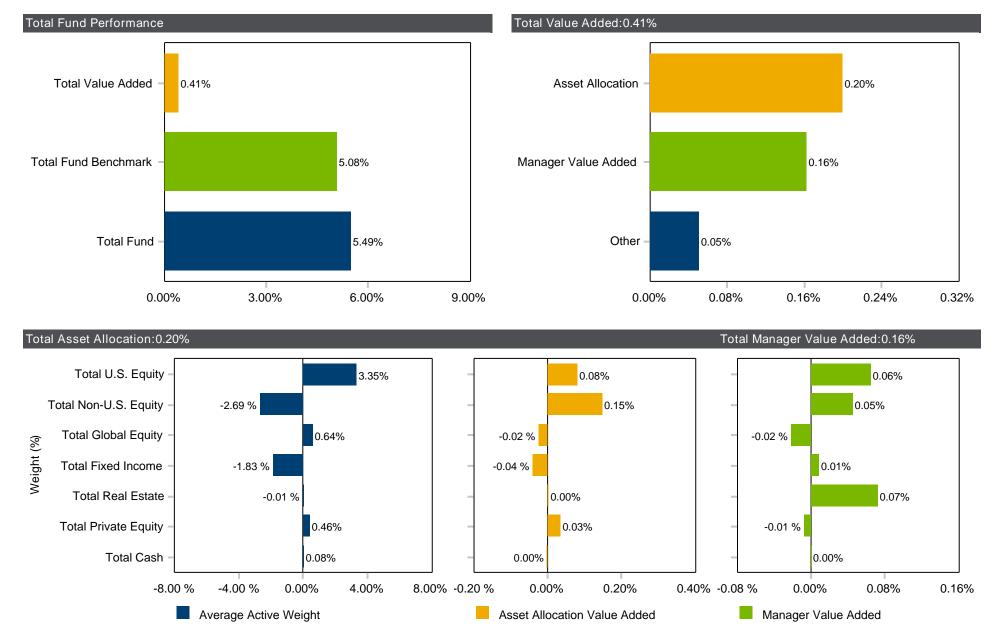


Total Fund Attribution



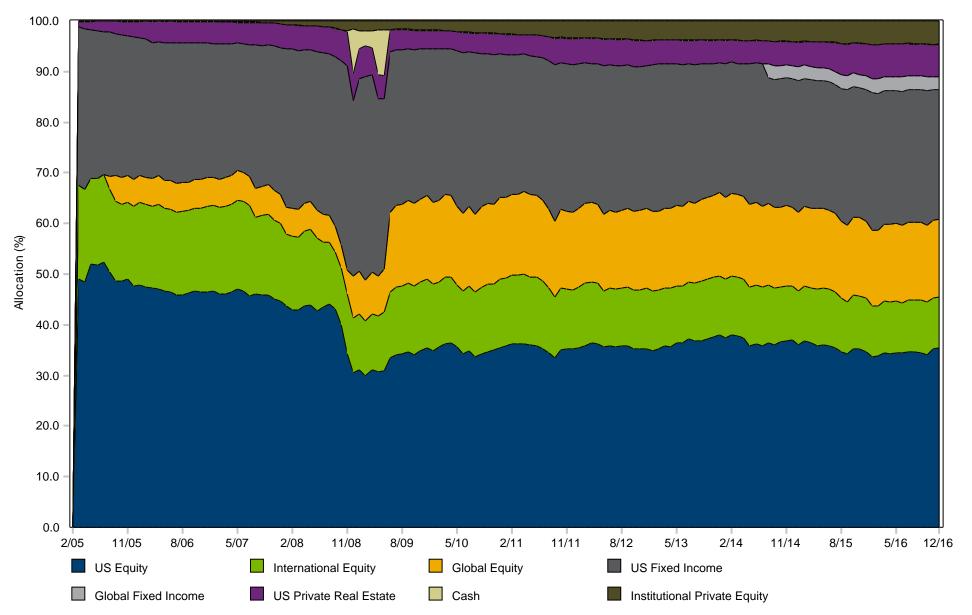


Total Fund Attribution

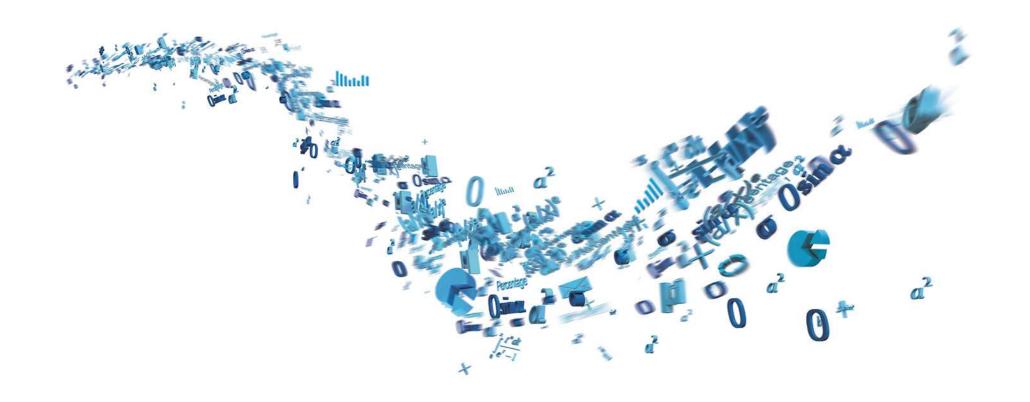


Historical Asset Allocation by Asset Class

Total Defined Benefit Plan







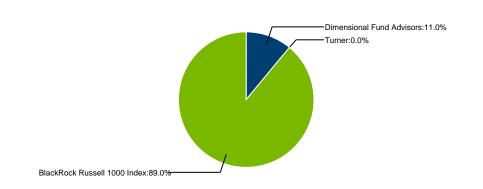
Total U.S. Equity

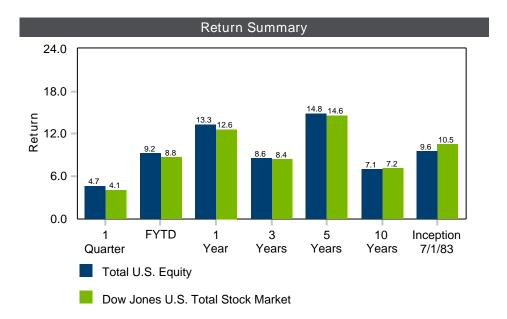


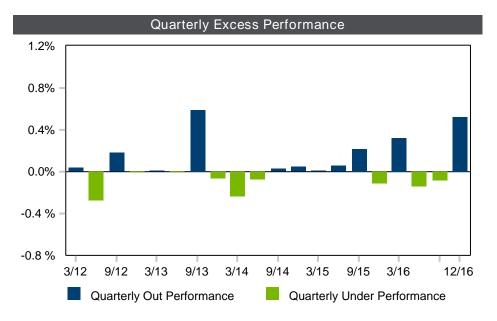
Total U.S. Equity Portfolio Overview

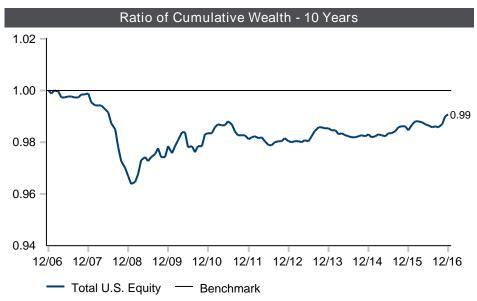


December 31, 2016 : \$3,759M





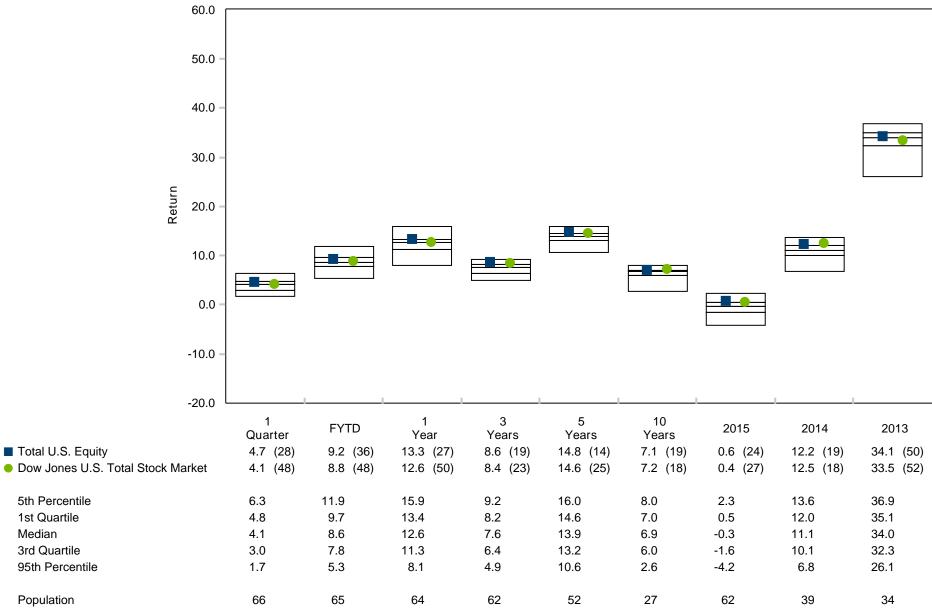






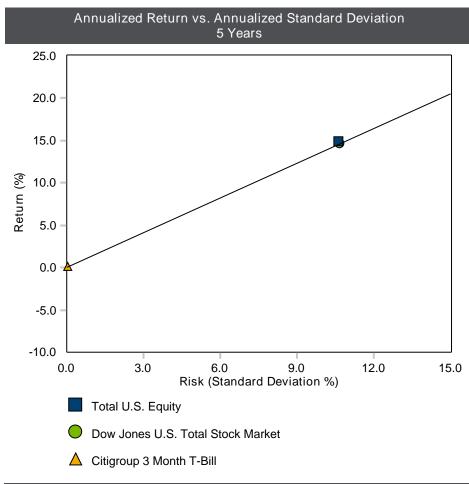
Plan Sponsor Peer Group Analysis

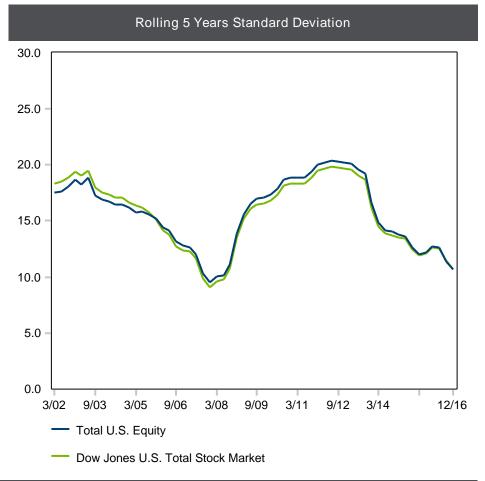
All Public Plans > \$1B-US Equity Segment





Total U.S. Equity Risk Profile

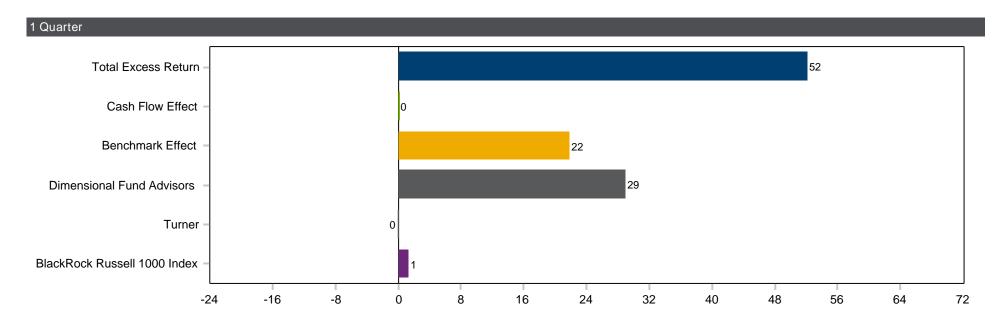


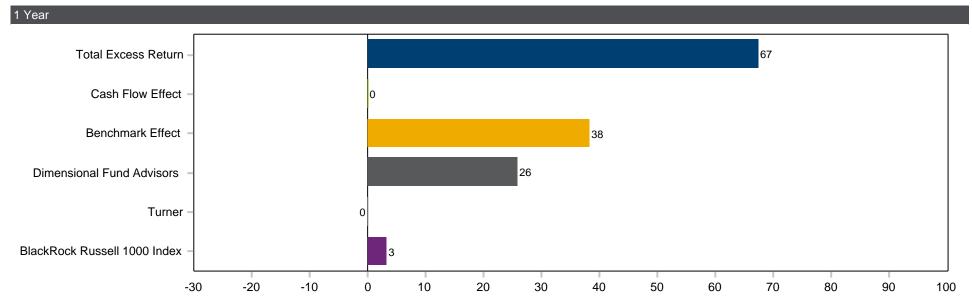


5 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation	
Total U.S. Equity	0.19	0.34	0.57	1.00	1.35	0.21	1.00	14.81	10.65	1.00	
Dow Jones U.S. Total Stock Market	0.00	0.00	N/A	1.00	1.33	0.00	1.00	14.59	10.66	1.00	
Citigroup 3 Month T-Bill	-14.16	10.66	-1.33	0.00	N/A	0.09	0.00	0.09	0.03	0.01	



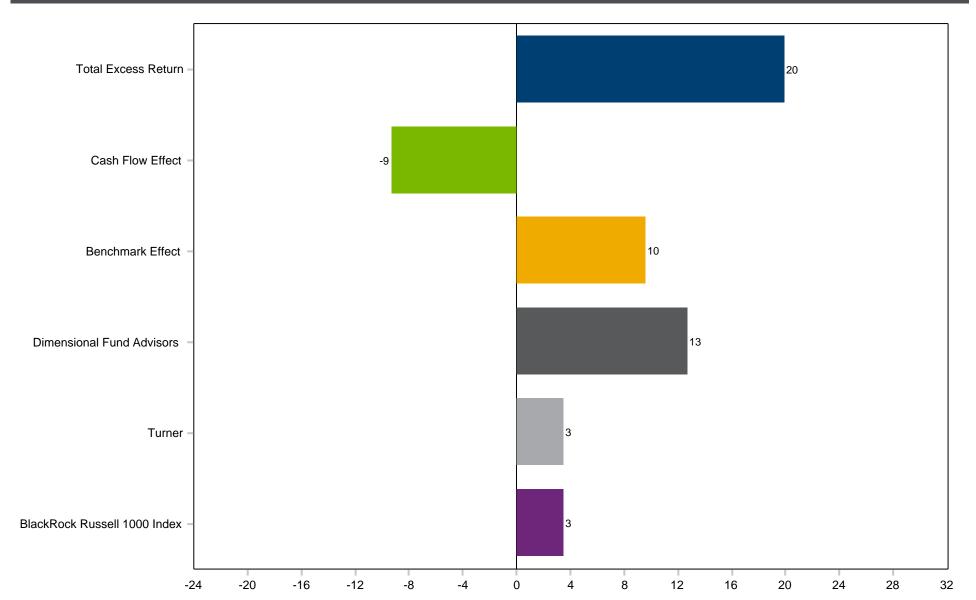
Asset Class Attribution





Asset Class Attribution

3 Years



Dimensional Fund Advisors Performance Summary

Account Information

Account Name: Dimensional Fund Advisors

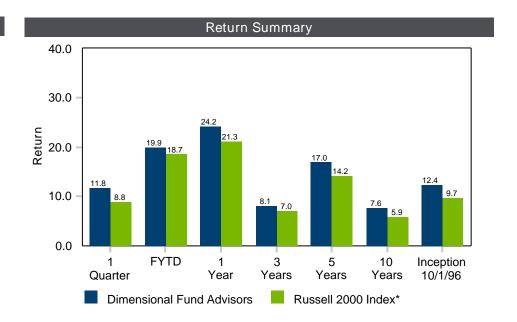
Inception Date: 10/01/1996

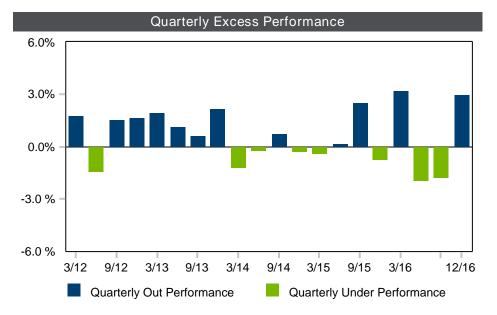
Account Structure: Commingled Fund

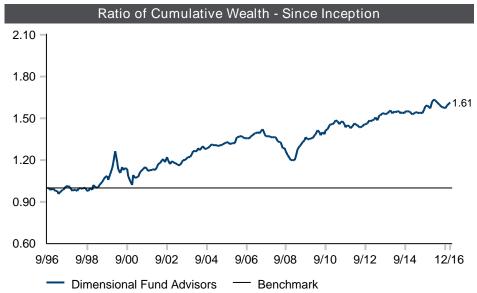
Asset Class: US Equity

Benchmark: Russell 2000 Index*

Peer Group: IM U.S. Small Cap Core Equity (SA+CF)



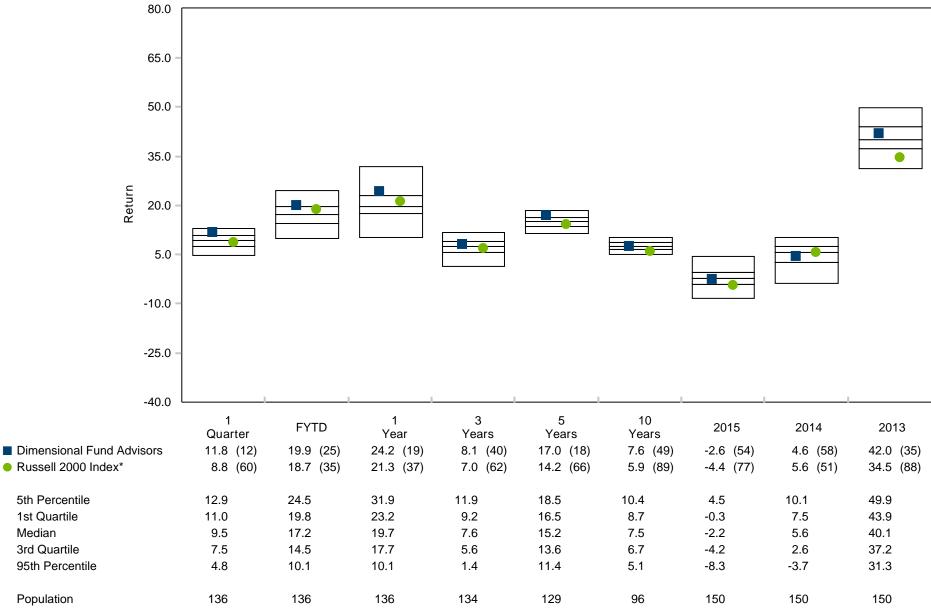






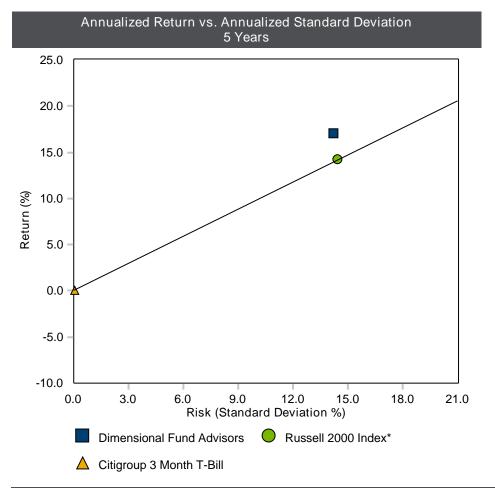
Peer Group Analysis

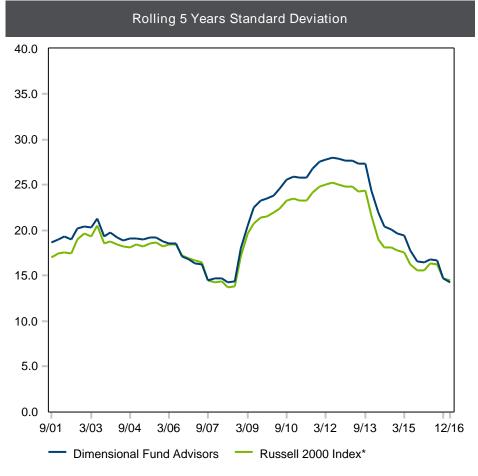
IM U.S. Small Cap Core Equity (SA+CF)





Dimensional Fund Advisors Risk Profile





	5 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation		
Dimensional Fund Advisors	2.36	2.89	0.82	0.96	1.17	2.91	0.96	16.96	14.24	0.98		
Russell 2000 Index*	0.00	0.00	N/A	1.00	0.99	0.00	1.00	14.22	14.47	1.00		
Citigroup 3 Month T-Bill	-14.30	14.47	-0.99	0.01	N/A	0.09	0.00	0.09	0.03	0.12		



BlackRock Russell 1000 Index Performance Summary

Account Information

Account Name: BlackRock Russell 1000 Index

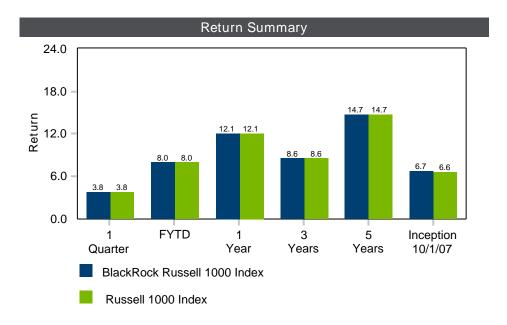
Inception Date: 10/01/2007

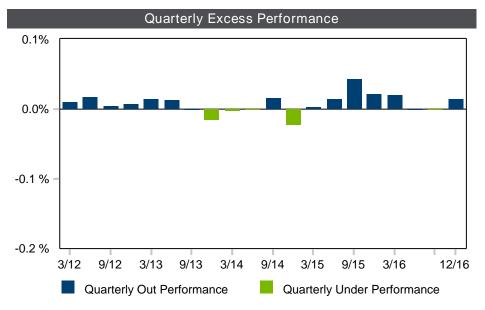
Account Structure: Commingled Fund

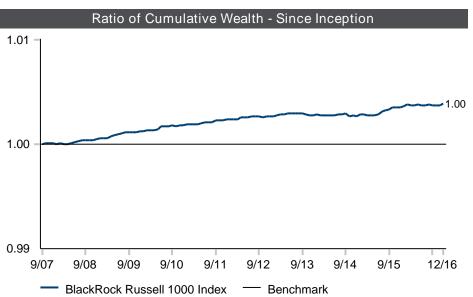
Asset Class: US Equity

Benchmark: Russell 1000 Index

Peer Group: IM U.S. Large Cap Core Equity (SA+CF)



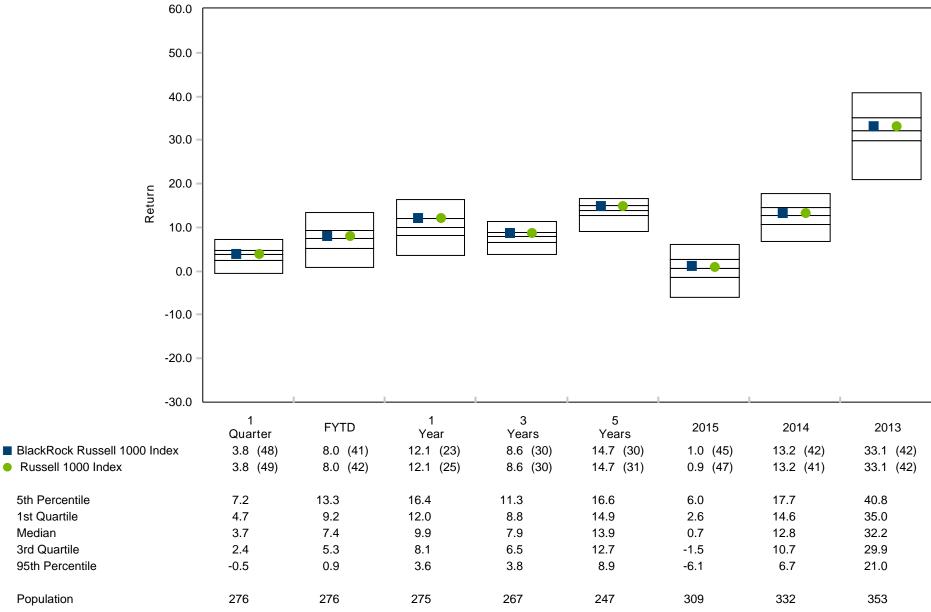






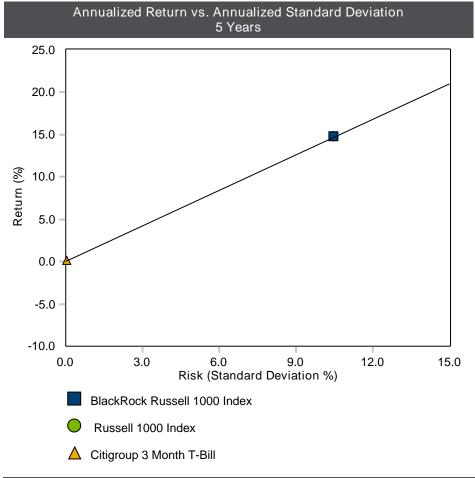
Peer Group Analysis

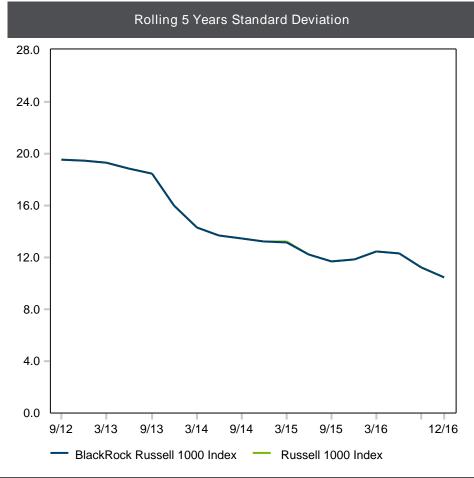
IM U.S. Large Cap Core Equity (SA+CF)





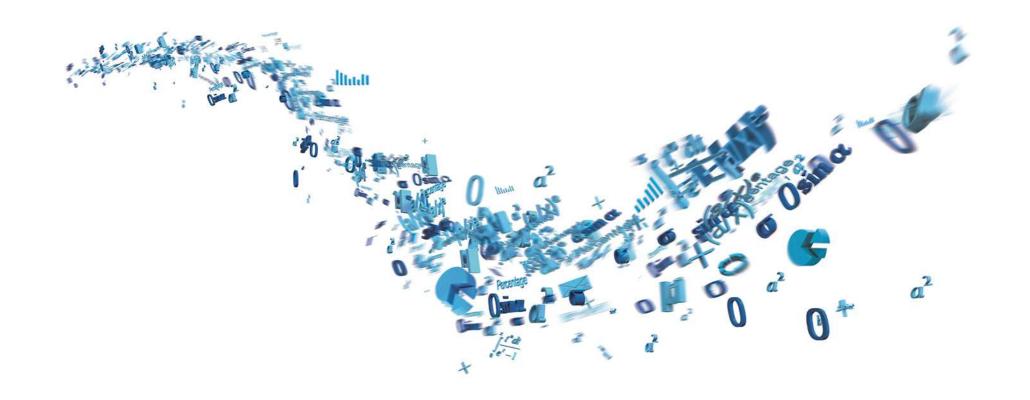
BlackRock Russell 1000 Index Risk Profile





	5 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation		
BlackRock Russell 1000 Index	0.03	0.03	1.17	1.00	1.36	0.03	1.00	14.73	10.48	1.00		
Russell 1000 Index	0.00	0.00	N/A	1.00	1.36	0.00	1.00	14.69	10.48	1.00		
Citigroup 3 Month T-Bill	-14.23	10.48	-1.36	0.00	N/A	0.09	0.00	0.09	0.03	0.00		





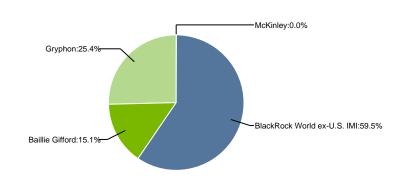
Total Non-U.S. Equity

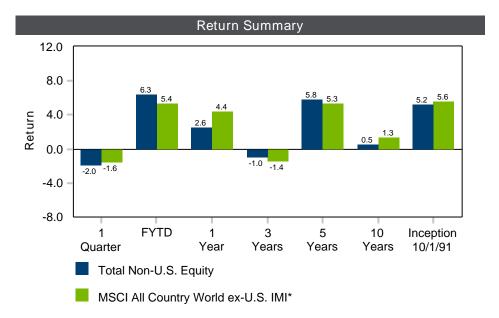


Total Non-U.S. Equity Portfolio Overview

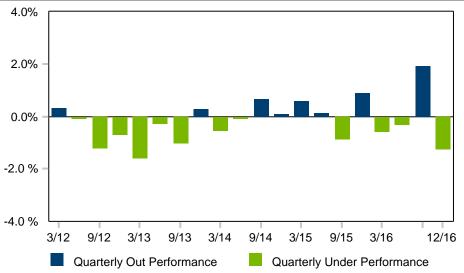


December 31, 2016 : \$1,069M





Quarterly Excess Performance



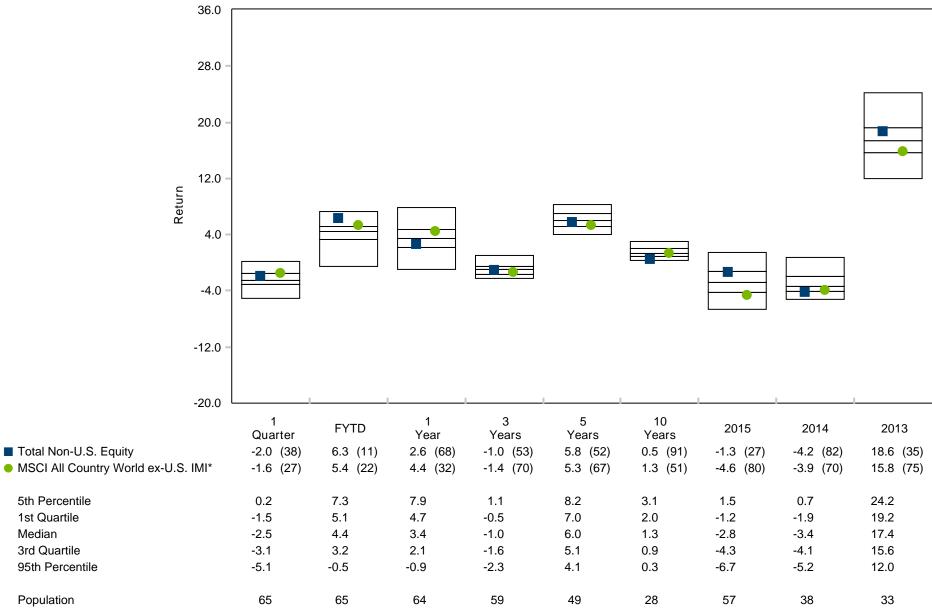
Ratio of Cumulative Wealth - 10 Years





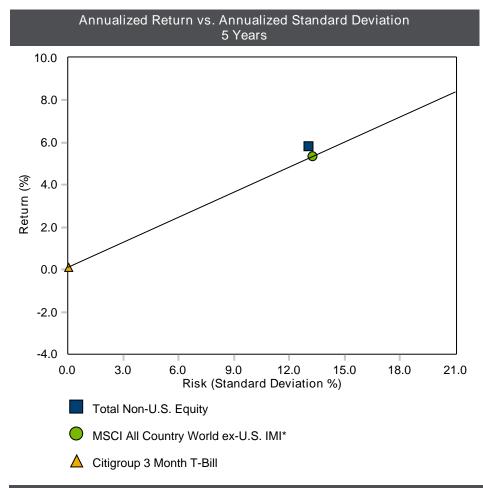
Plan Sponsor Peer Group Analysis

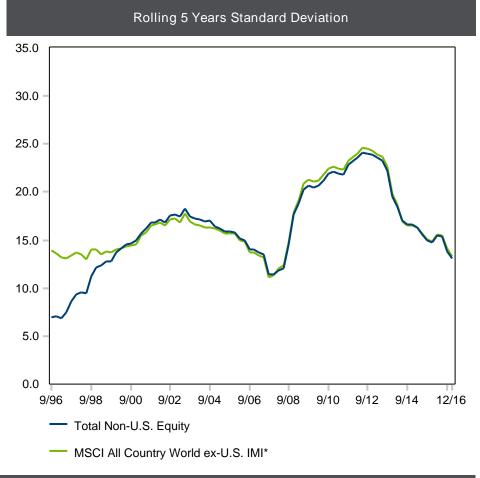
All Public Plans > \$1B-Intl. Equity Segment





Total Non-U.S. Equity Risk Profile

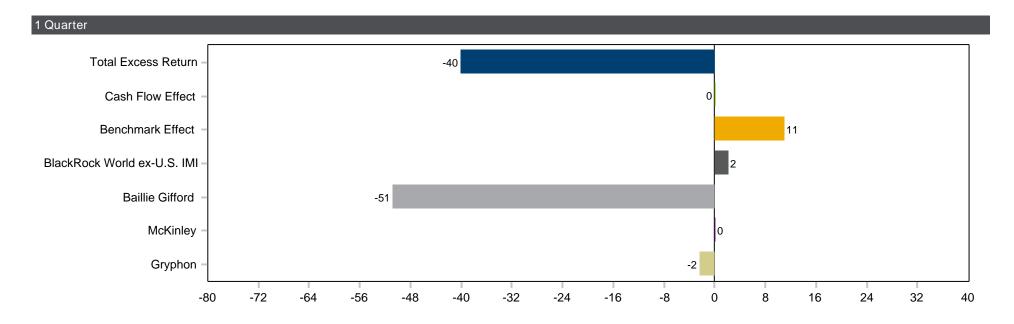


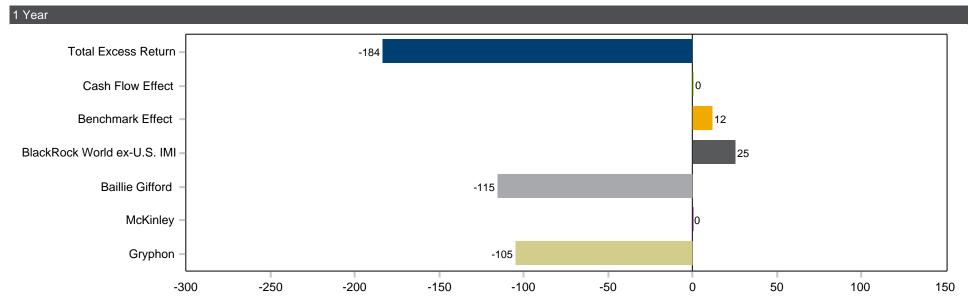


5 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation	
Total Non-U.S. Equity	0.39	1.85	0.21	0.98	0.49	0.56	0.97	5.79	13.04	0.99	
MSCI All Country World ex-U.S. IMI*	0.00	0.00	N/A	1.00	0.45	0.00	1.00	5.35	13.29	1.00	
Citigroup 3 Month T-Bill	-6.00	13.29	-0.45	0.00	N/A	0.09	0.00	0.09	0.03	0.05	



Asset Class Attribution

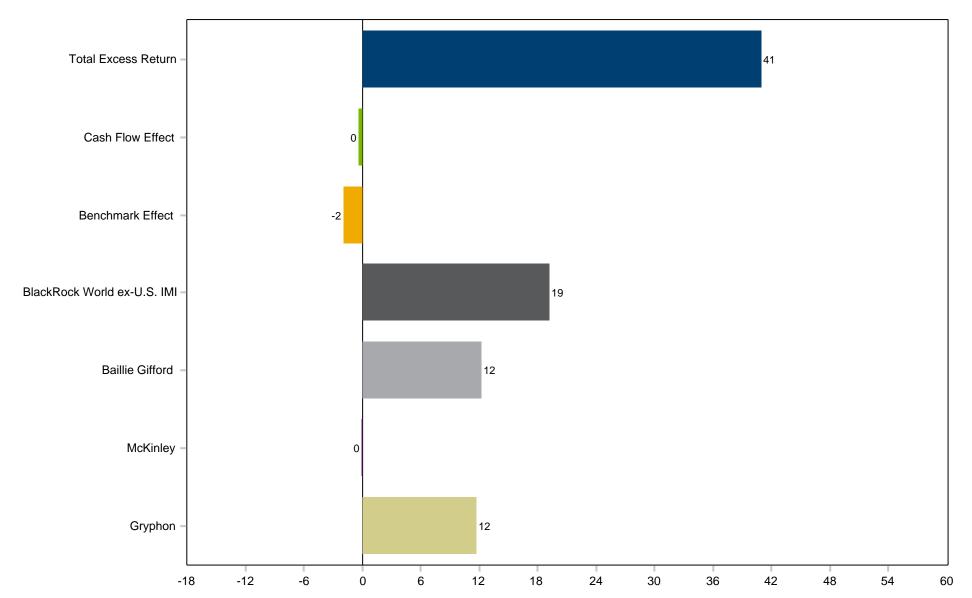






Asset Class Attribution

3 Years



BlackRock World ex-U.S. IMI Performance Summary

Account Information

Account Name: BlackRock World ex-U.S. IMI

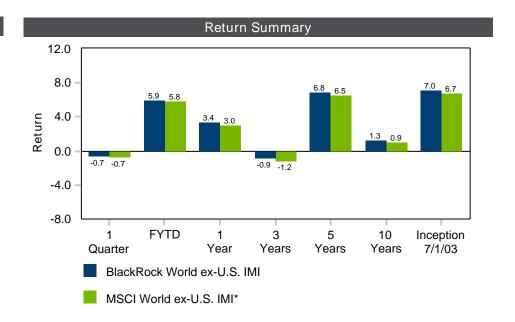
Inception Date: 07/01/2003

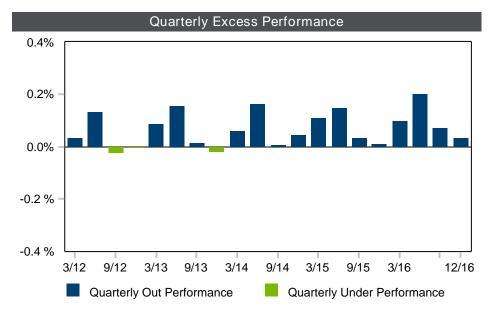
Account Structure: Commingled Fund

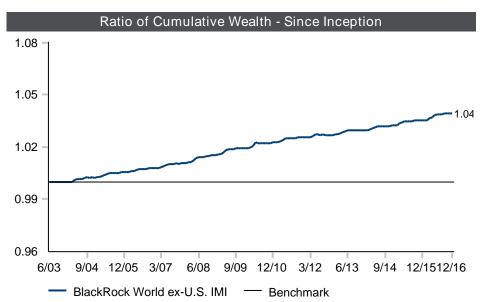
Asset Class: International Equity

Benchmark: MSCI World ex-U.S. IMI*

Peer Group: IM International Large Cap Core Equity (SA+CF)



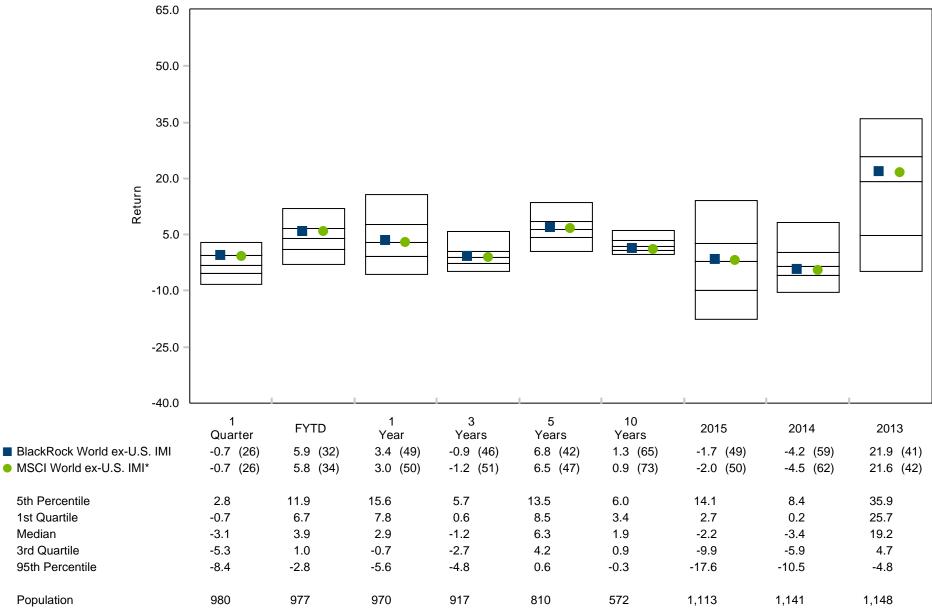






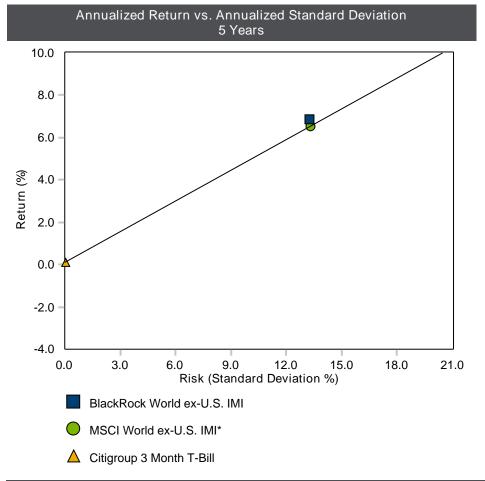
Peer Group Analysis

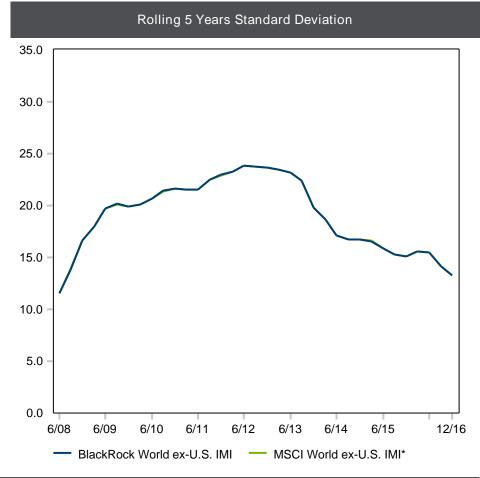
IM International Equity (SA+CF)





BlackRock World ex-U.S. IMI Risk Profile





	5 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation		
BlackRock World ex-U.S. IMI	0.27	0.10	2.74	1.00	0.56	0.28	1.00	6.83	13.31	1.00		
MSCI World ex-U.S. IMI*	0.00	0.00	N/A	1.00	0.54	0.00	1.00	6.53	13.31	1.00		
Citigroup 3 Month T-Bill	-7.13	13.31	-0.54	0.00	N/A	0.09	0.00	0.09	0.03	0.03		



Baillie Gifford Performance Summary

Account Information

Account Name: Baillie Gifford

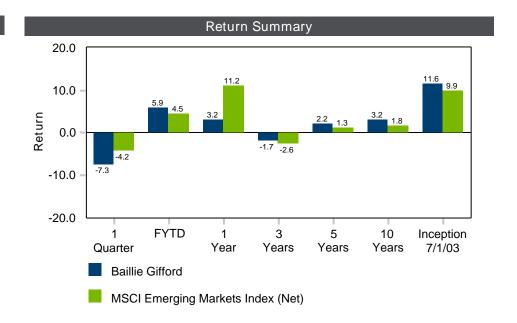
Inception Date: 07/01/2003

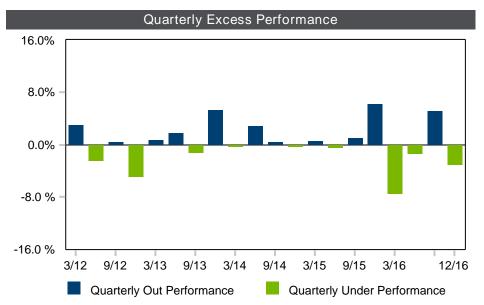
Account Structure: Commingled Fund

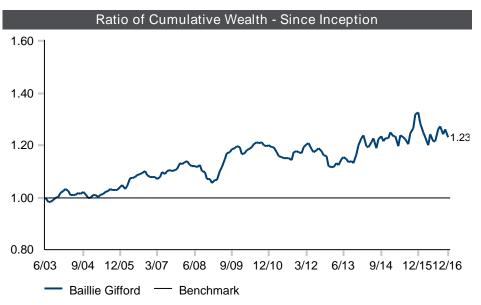
Asset Class: International Equity

Benchmark: MSCI Emerging Markets Index (Net)

Peer Group: IM Emerging Markets Equity (SA+CF)



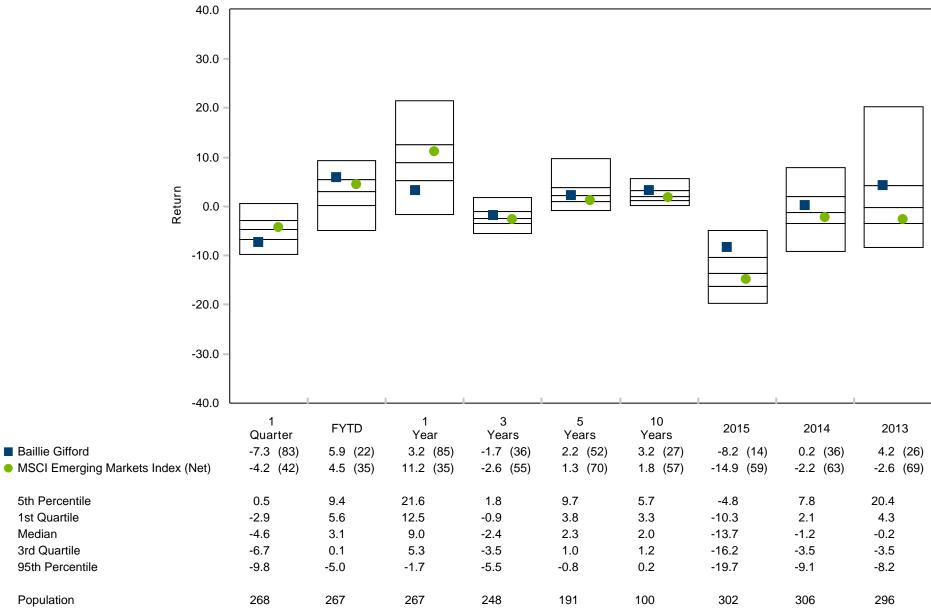






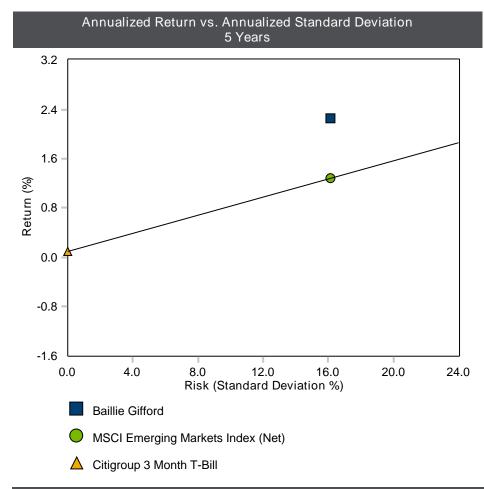
Peer Group Analysis

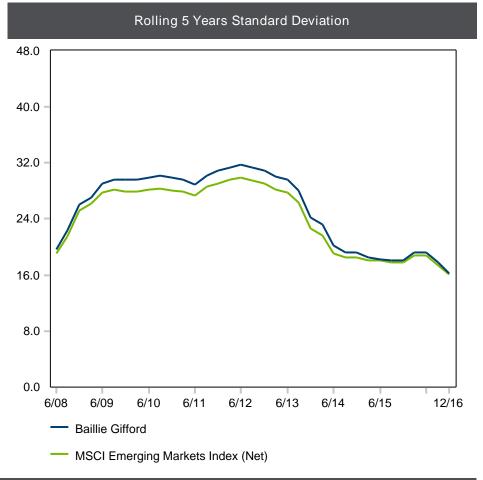
IM Emerging Markets Equity (SA+CF)





Baillie Gifford Risk Profile





5 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation	
Baillie Gifford	0.96	6.72	0.14	0.83	0.21	1.19	0.91	2.24	16.17	0.91	
MSCI Emerging Markets Index (Net)	0.00	0.00	N/A	1.00	0.15	0.00	1.00	1.28	16.16	1.00	
Citigroup 3 Month T-Bill	-2.46	16.16	-0.15	0.01	N/A	0.09	0.00	0.09	0.03	0.10	



Gryphon Performance Summary

Account Information

Account Name: Gryphon

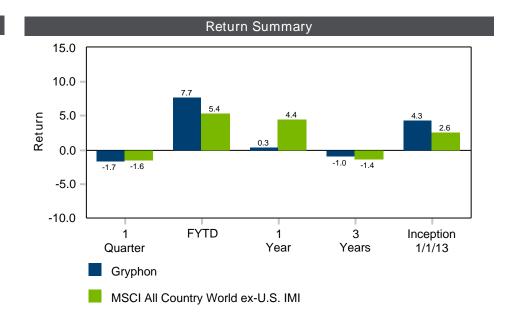
Inception Date: 01/01/2013

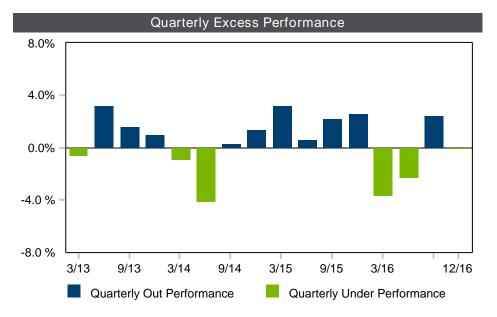
Account Structure: Separate Account

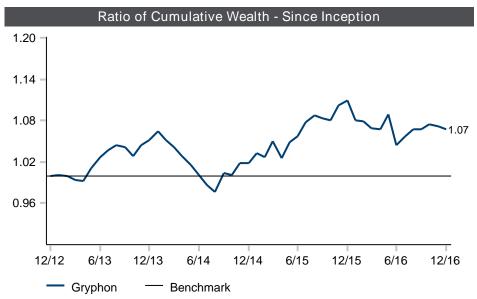
Asset Class: International Equity

Benchmark: MSCI All Country World ex-U.S. IMI

Peer Group: IM International Equity (SA+CF)



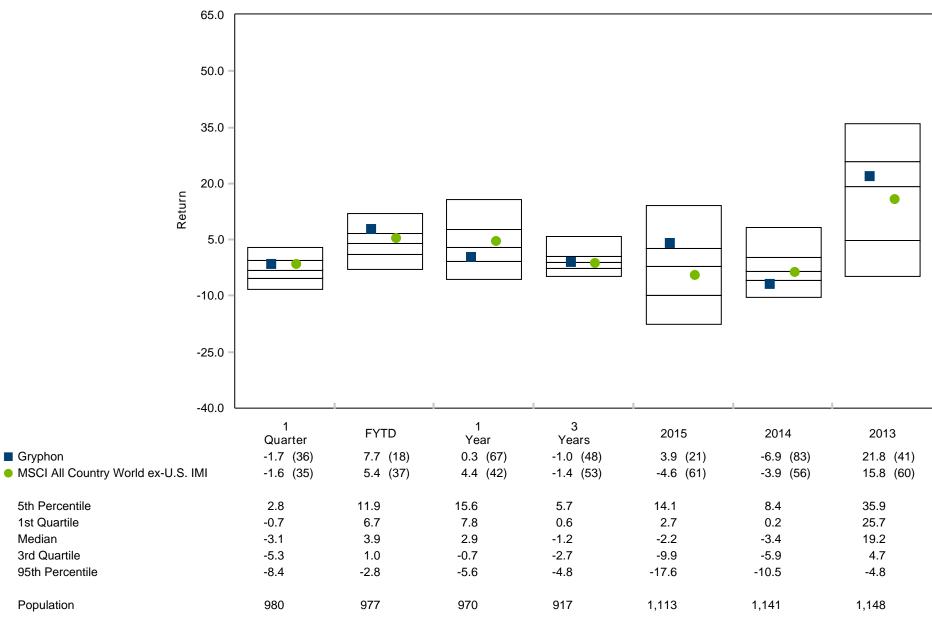






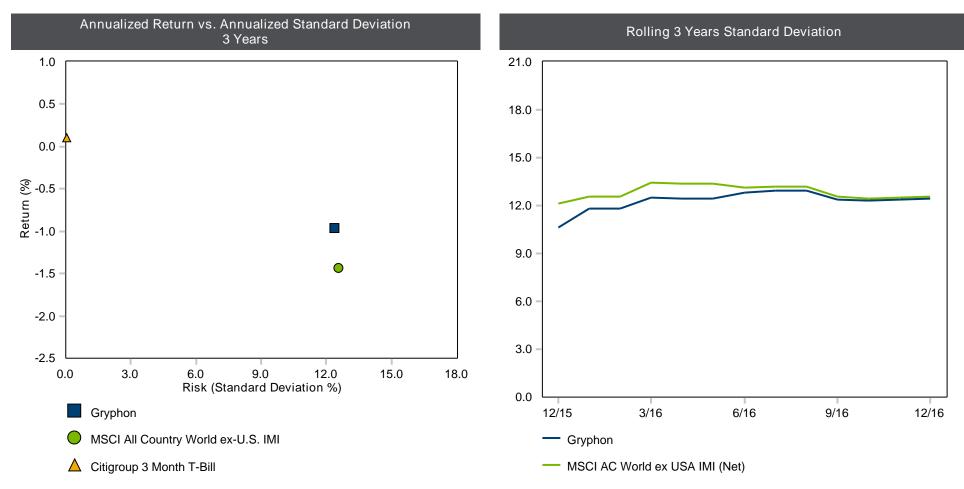
Peer Group Analysis

IM International Equity (SA+CF)





Gryphon Risk Profile

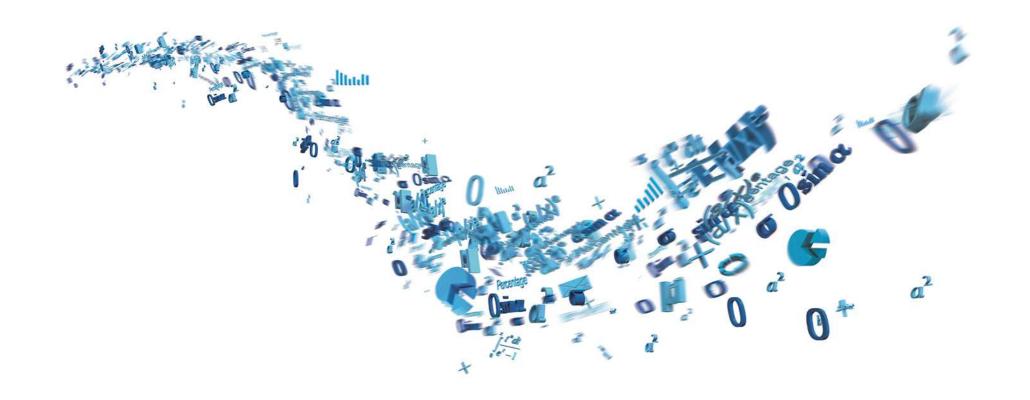


3 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation	
Gryphon	0.47	5.32	0.09	0.83	-0.03	0.40	0.90	-0.97	12.41	0.91	
MSCI AC World ex USA IMI (Net)	0.00	0.00	-0.32	1.00	-0.06	0.00	1.00	-1.44	12.56	1.00	
MSCI All Country World ex-U.S. IMI	0.00	0.00	N/A	1.00	-0.06	0.00	1.00	-1.44	12.56	1.00	
Citigroup 3 Month T-Bill	0.80	12.55	0.06	0.03	N/A	0.11	0.00	0.11	0.04	0.16	



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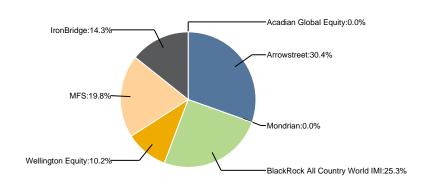
Total Global Equity

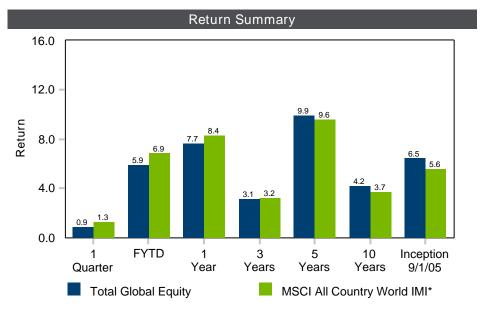


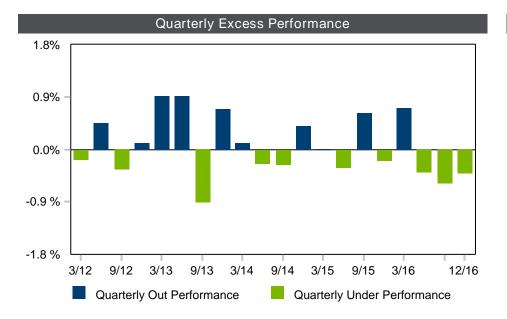
Total Global Equity Portfolio Overview



December 31, 2016 : \$1,636M



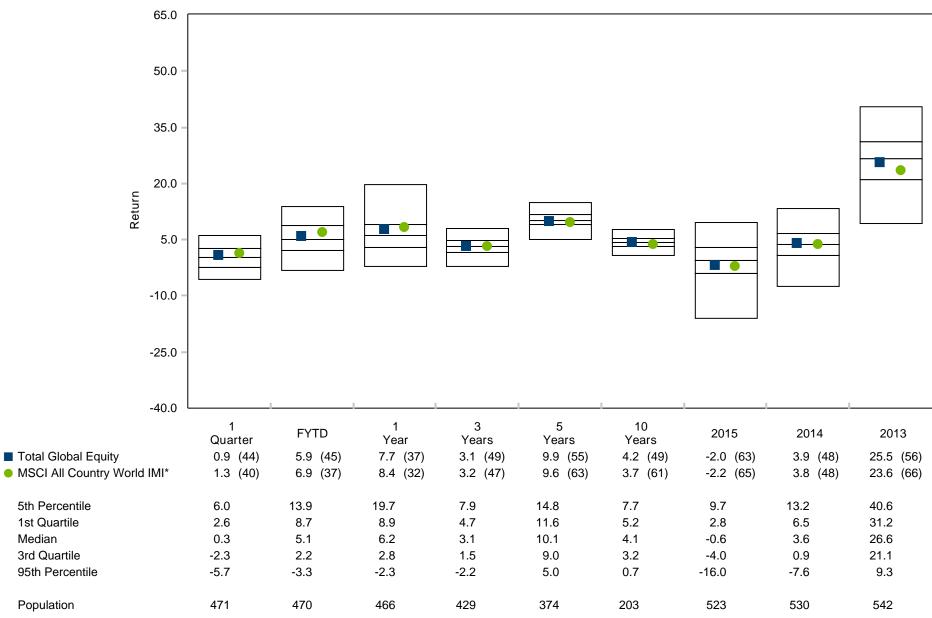








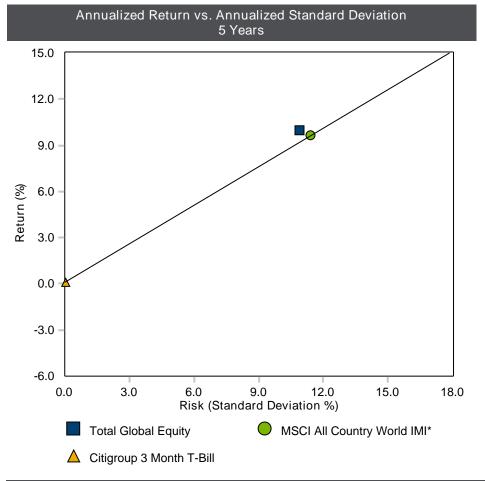
IM Global Equity (SA+CF)

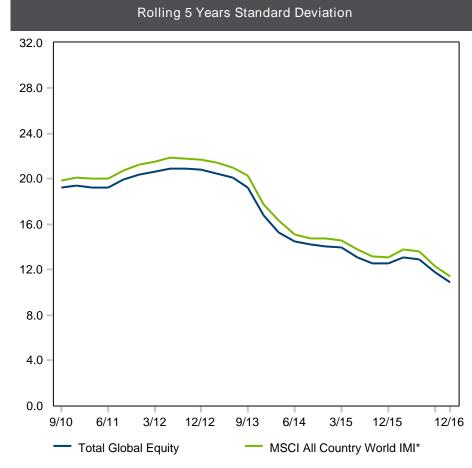


Parentheses contain percentile rankings. Calculation based on quarterly periodicity.



Total Global Equity Risk Profile

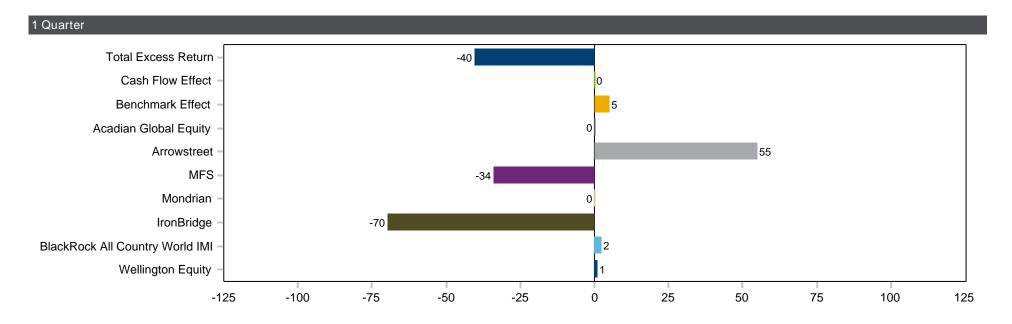


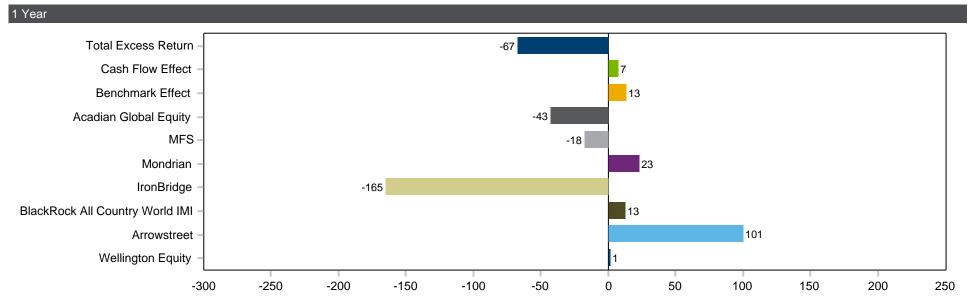


	5 Years Historical Statistics													
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation				
Total Global Equity	0.23	1.45	0.16	0.99	0.91	0.73	0.95	9.92	10.93	0.99				
MSCI All Country World IMI*	0.00	0.00	N/A	1.00	0.86	0.00	1.00	9.62	11.42	1.00				
Citigroup 3 Month T-Bill	-9.76	11.42	-0.86	0.00	N/A	0.09	0.00	0.09	0.03	0.03				



Asset Class Attribution

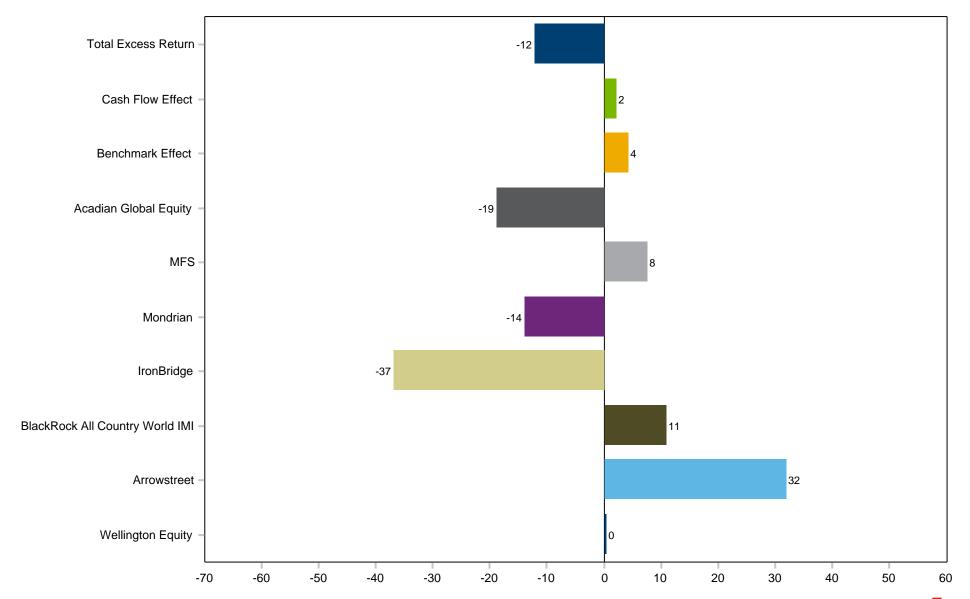






Asset Class Attribution

3 Years



MFS Performance Summary

Account Information

Account Name: MFS

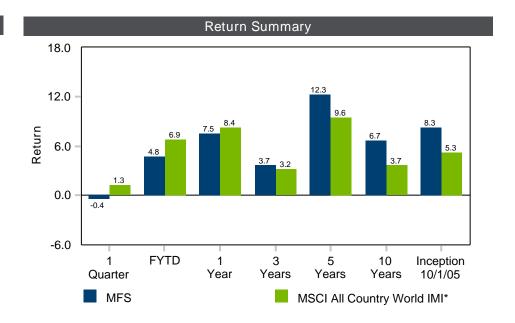
Inception Date: 10/01/2005

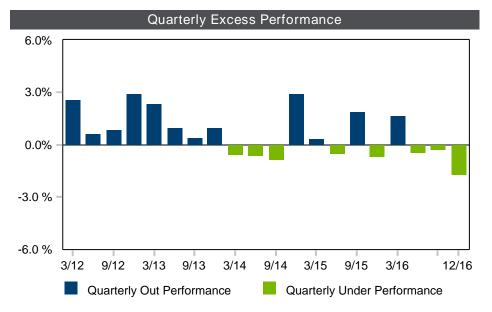
Account Structure: Separate Account

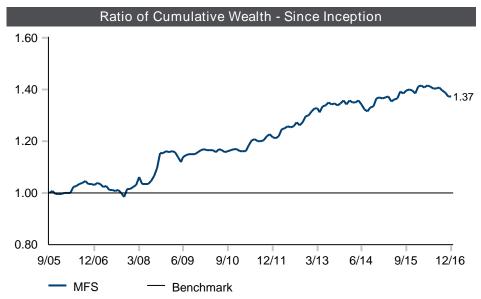
Asset Class: Global Equity

Benchmark: MSCI All Country World IMI*

Peer Group: IM Global Equity (SA+CF)

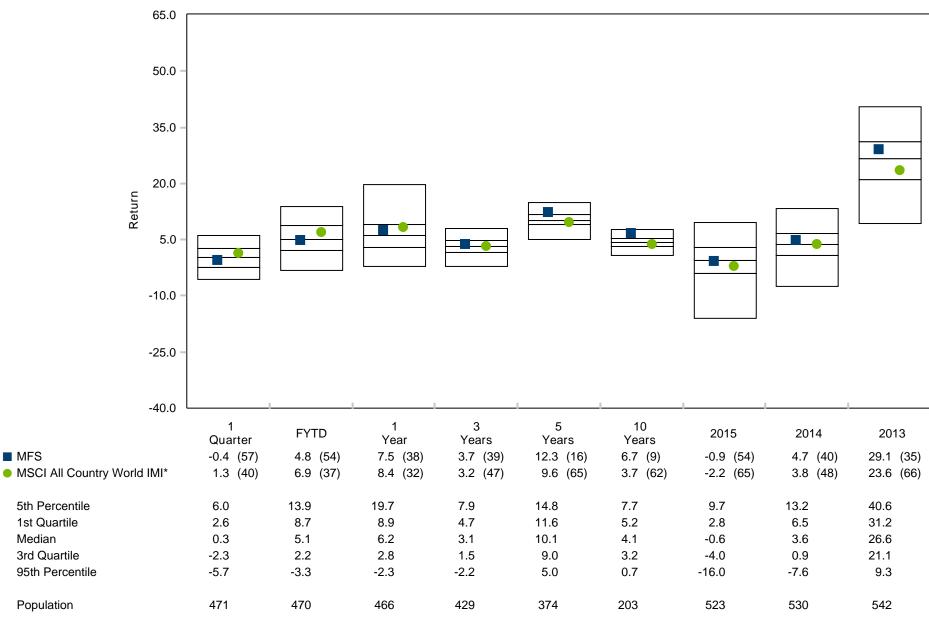






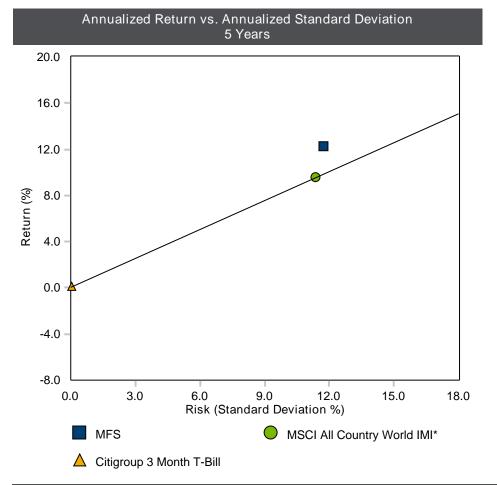


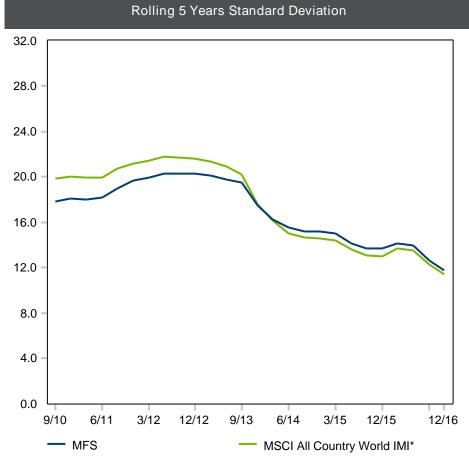
IM Global Equity (SA+CF)





MFS Risk Profile





	5 Years Historical Statistics													
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation				
MFS	2.50	3.05	0.82	0.93	1.04	2.58	0.99	12.26	11.74	0.97				
MSCI All Country World IMI*	0.00	0.00	N/A	1.00	0.85	0.00	1.00	9.56	11.40	1.00				
Citigroup 3 Month T-Bill	-9.71	11.40	-0.85	0.00	N/A	0.09	0.00	0.09	0.03	0.03				



IronBridge Performance Summary

Account Information

Account Name: IronBridge

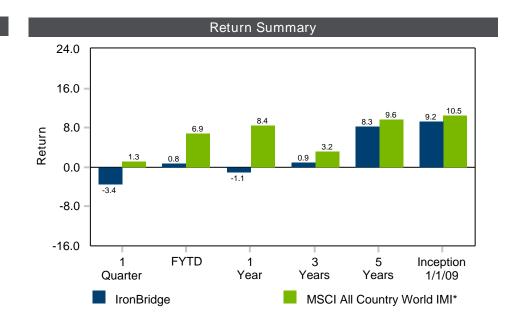
Inception Date: 01/01/2009

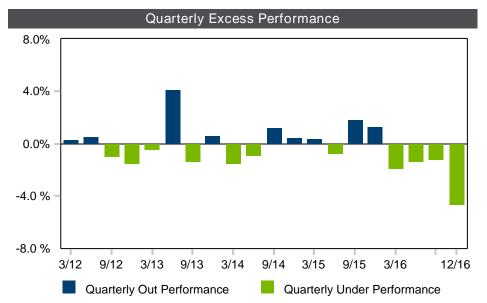
Account Structure: Separate Account

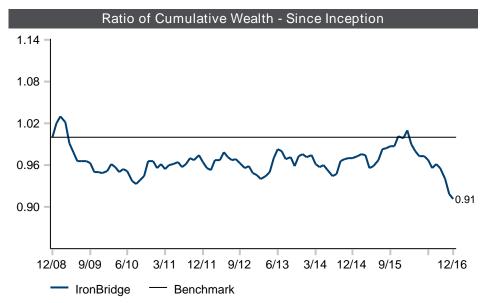
Asset Class: Global Equity

Benchmark: MSCI All Country World IMI*

Peer Group: IM Global Equity (SA+CF)

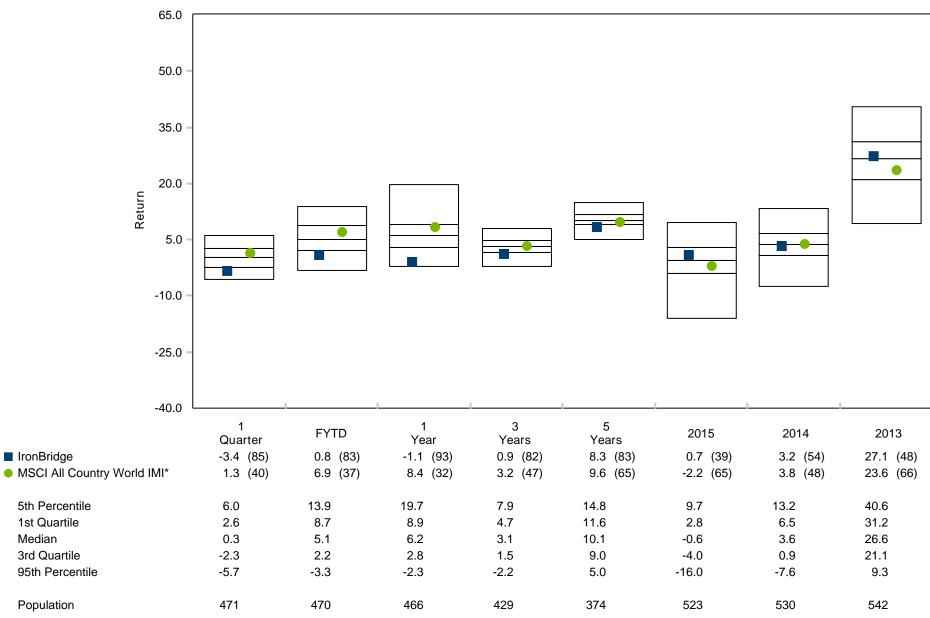






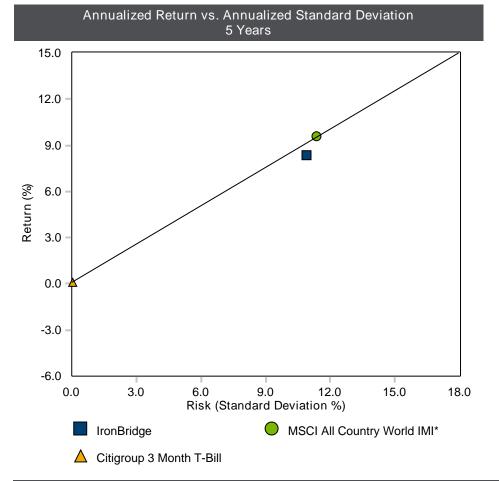


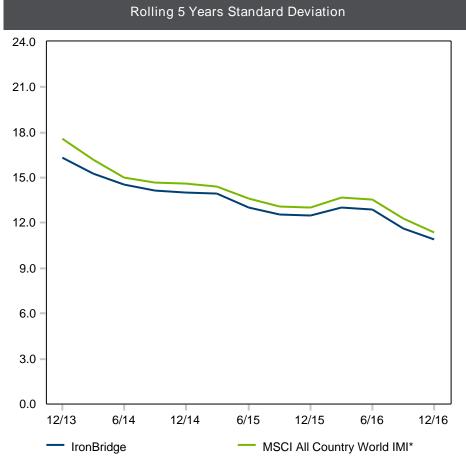
IM Global Equity (SA+CF)





IronBridge Risk Profile





	5 Years Historical Statistics													
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation				
IronBridge	-1.18	3.30	-0.36	0.92	0.78	-0.37	0.92	8.33	10.93	0.96				
MSCI All Country World IMI*	0.00	0.00	N/A	1.00	0.85	0.00	1.00	9.56	11.40	1.00				
Citigroup 3 Month T-Bill	-9.71	11.40	-0.85	0.00	N/A	0.09	0.00	0.09	0.03	0.03				



BlackRock All Country World IMI Performance Summary

Account Information

Account Name: BlackRock All Country World IMI

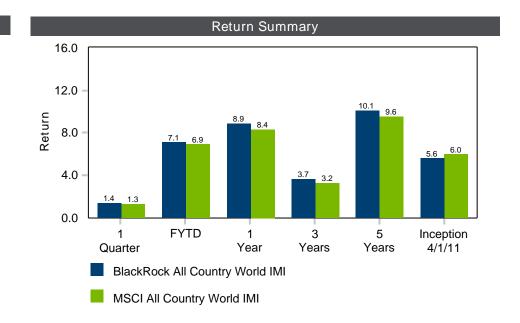
Inception Date: 05/01/2011

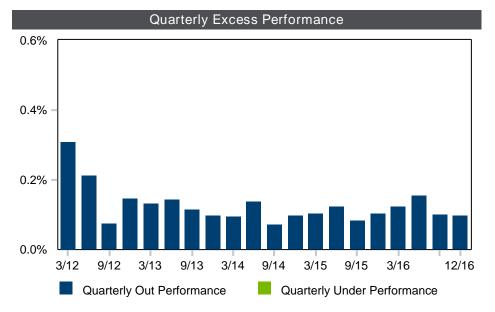
Account Structure: Commingled Fund

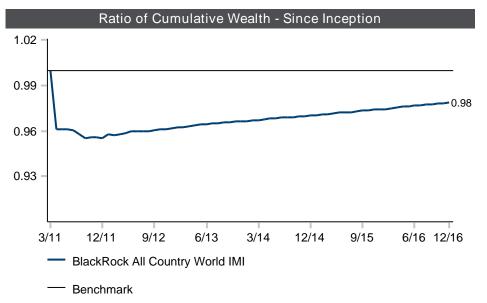
Asset Class: Global Equity

Benchmark: MSCI All Country World IMI

Peer Group: IM Global Equity (SA+CF)

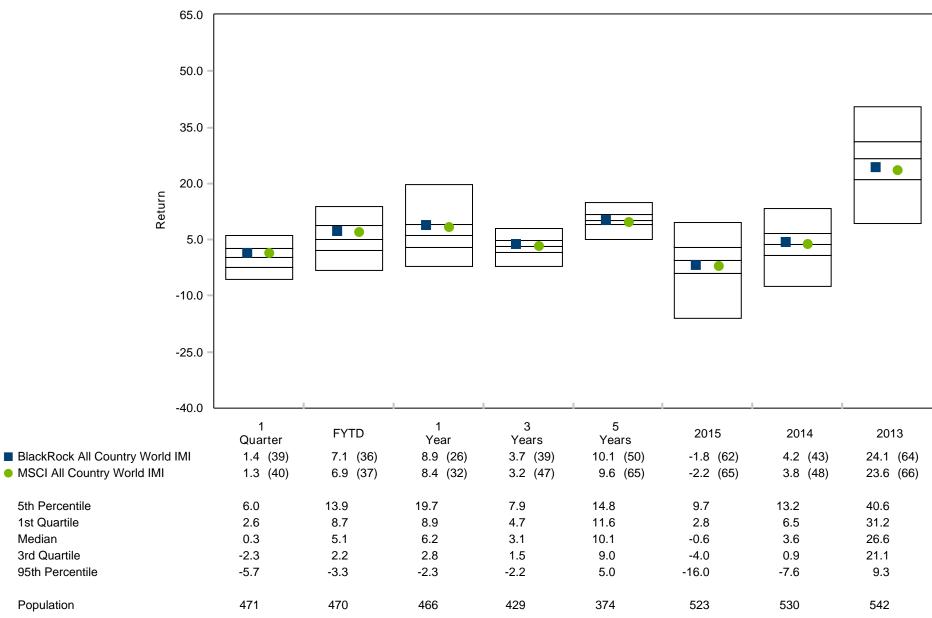








IM Global Equity (SA+CF)





Arrowstreet Performance Summary

Account Information

Account Name: Arrowstreet

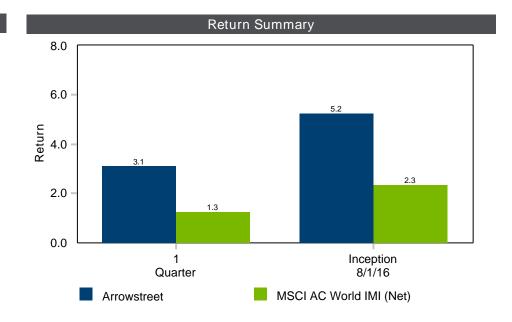
Inception Date: 08/01/2016

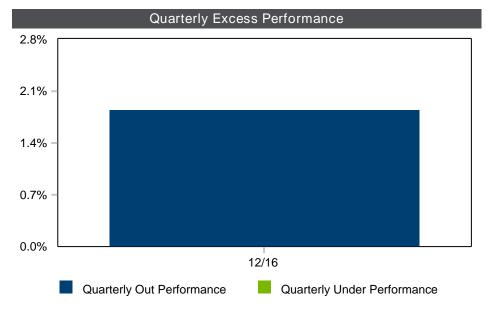
Account Structure: Separate Account

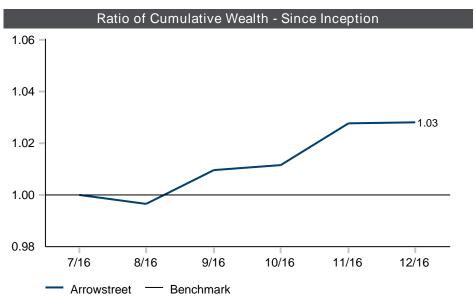
Asset Class: US Equity

Benchmark: MSCI AC World IMI (Net)

Peer Group: IM Global Equity (SA+CF)

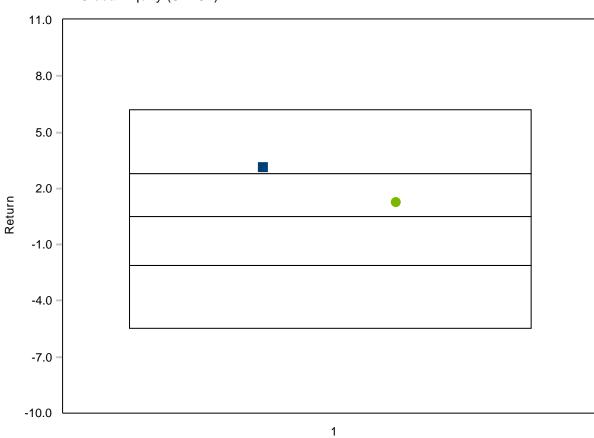








IM Global Equity (SA+CF)



Arrowstre	et		
MSCI AC	World	IMI	(Net)

5th Percentile 1st Quartile Median 3rd Quartile 95th Percentile

Population

Quarter
3.1 (22)
1.3 (42)
6.2
2.8
0.5
-2.1
-5.5



Wellington Equity Performance Summary

Account Information

Account Name: Wellington Equity

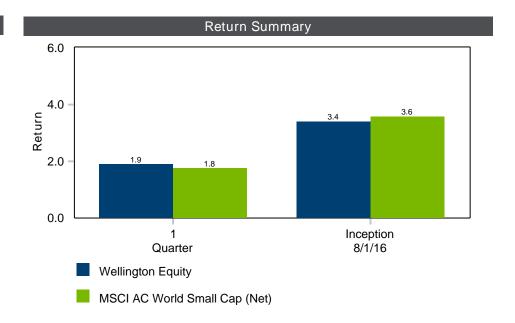
Inception Date: 08/01/2016

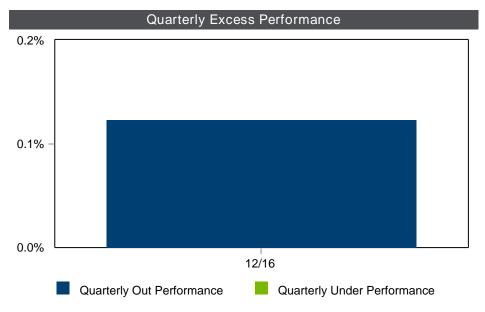
Account Structure: Separate Account

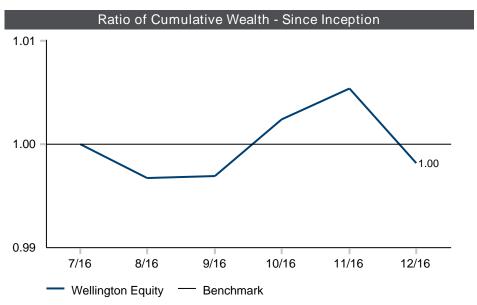
Asset Class: Global Equity

Benchmark: MSCI AC World Small Cap (Net)

Peer Group: IM Global Small Cap Equity (SA+CF)

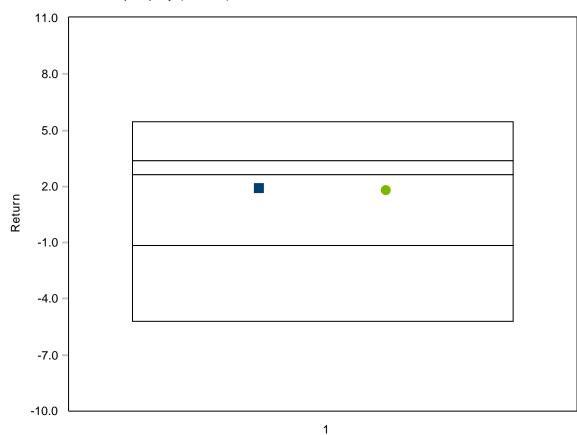








IM Global Small Cap Equity (SA+CF)



Quarter 1.9 (58) 1.8 (60)

5.5

3.4

2.6

-1.2

-5.2

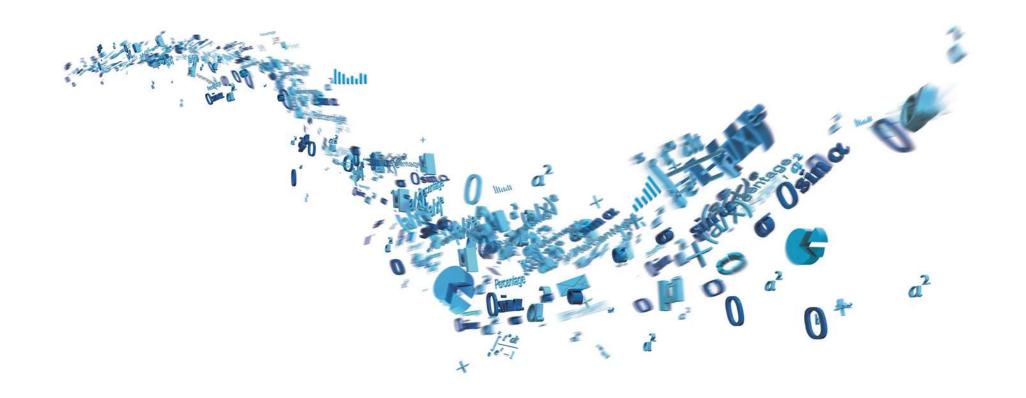
27

Wellin	gton Equ	uity		
MSCI	AC Worl	d Small	Cap (Net)	

5th Percentile 1st Quartile Median 3rd Quartile

95th Percentile Population Parentheses contain percentile rankings.





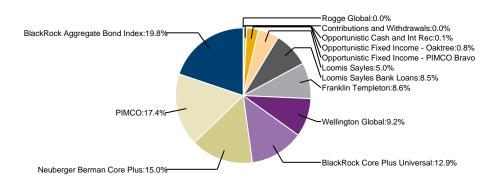
Total Fixed Income

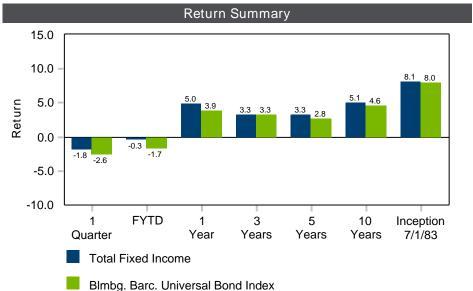


Total Fixed Income Portfolio Overview

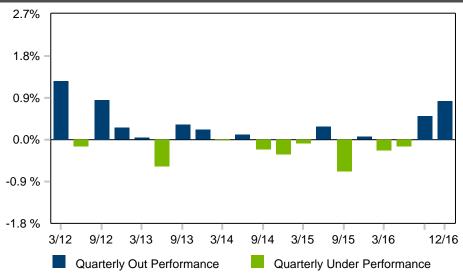
Current Allocation

December 31, 2016: \$2,997M





Quarterly Excess Performance



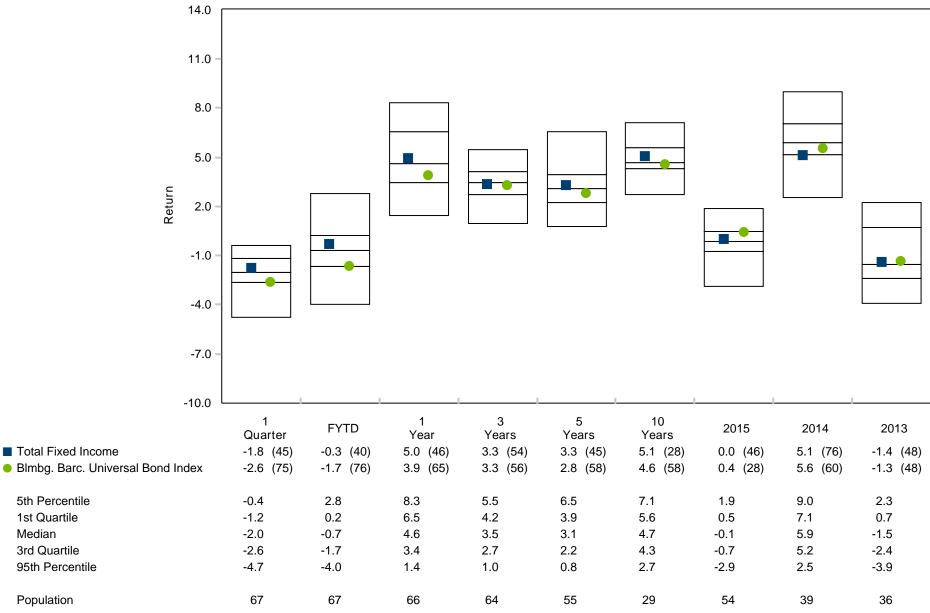
Ratio of Cumulative Wealth - 15 Years





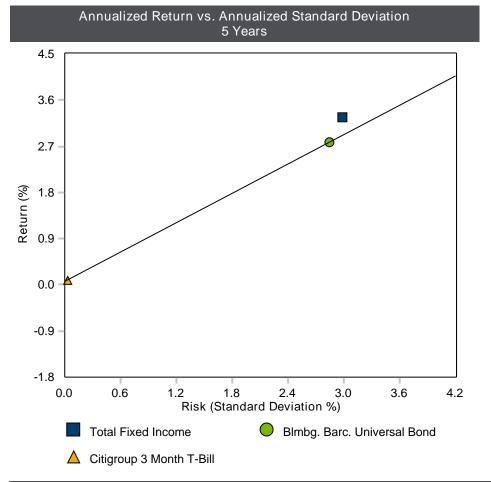
Plan Sponsor Peer Group Analysis

All Public Plans > \$1B-US Fixed Income Segment





Total Fixed Income Risk Profile

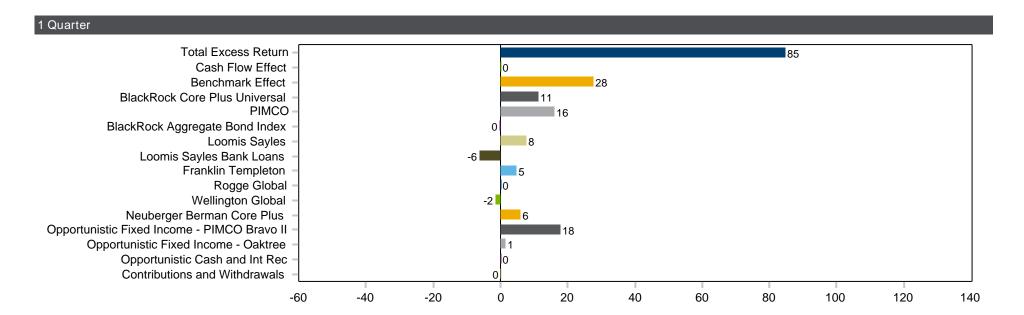


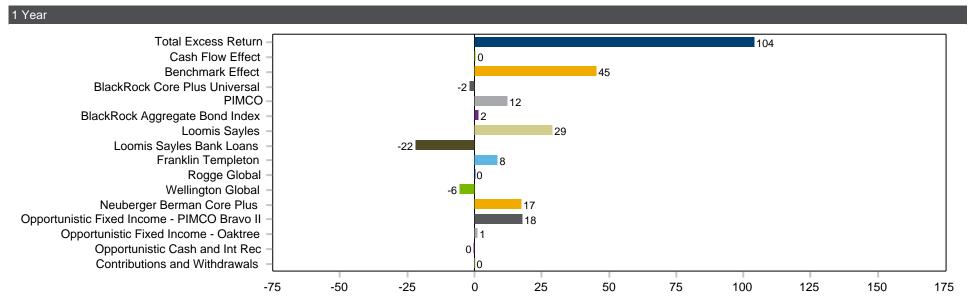


	5 Years Historical Statistics													
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation				
Total Fixed Income	0.47	0.93	0.50	0.90	1.06	0.48	1.00	3.26	2.99	0.95				
Blmbg. Barc. Universal Bond	0.00	0.00	N/A	1.00	0.94	0.00	1.00	2.78	2.85	1.00				
Citigroup 3 Month T-Bill	-2.69	2.85	-0.94	0.00	N/A	0.09	0.00	0.09	0.03	-0.01				



Asset Class Attribution

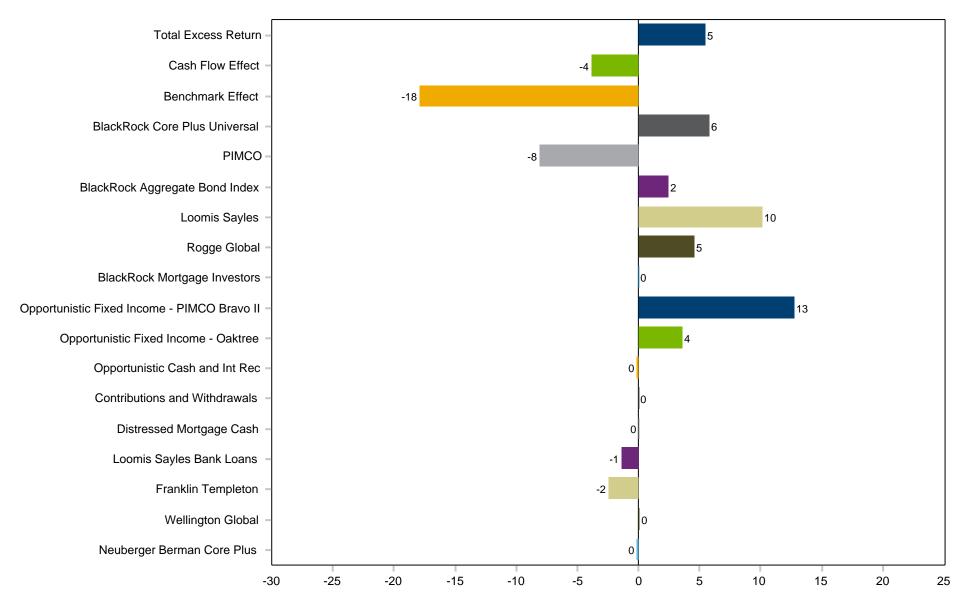






Asset Class Attribution

3 Years



BlackRock Core Plus Universal Performance Summary

Account Information

Account Name: BlackRock Core Plus Universal

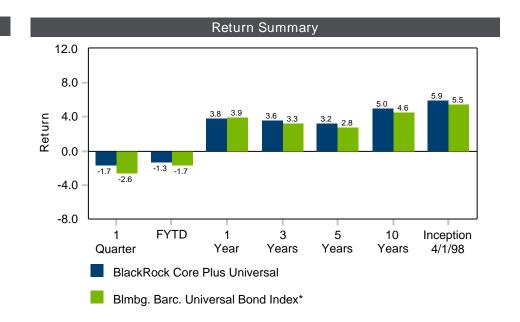
Inception Date: 04/01/1998

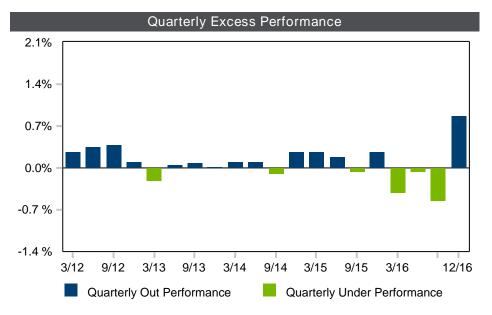
Account Structure: Separate Account

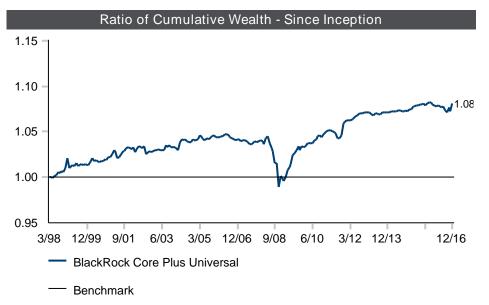
Asset Class: US Fixed Income

Benchmark: Blmbg. Barc. Universal Bond Index*

Peer Group: IM U.S. Broad Market Core+ Fixed Income (SA+CF)

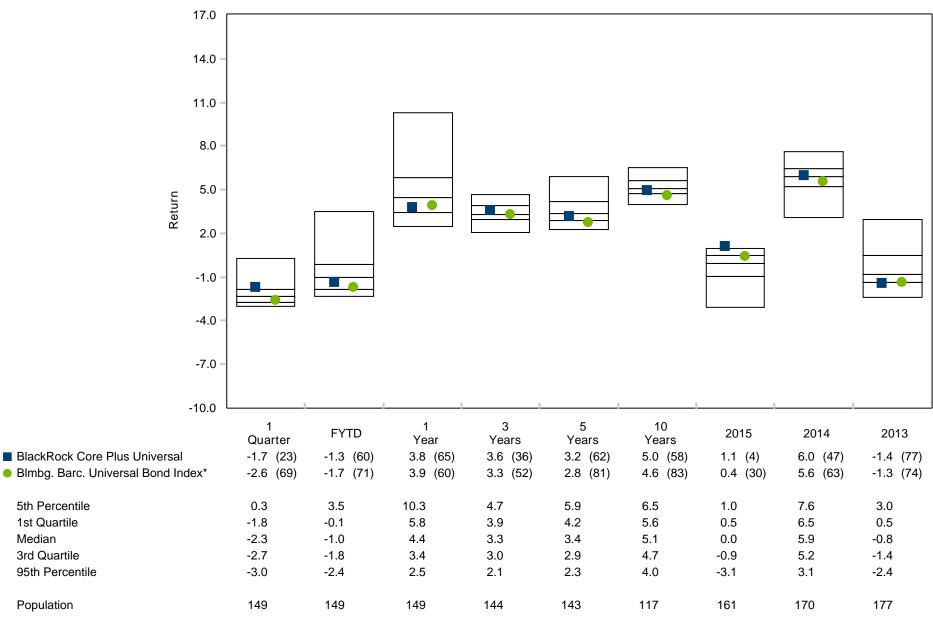






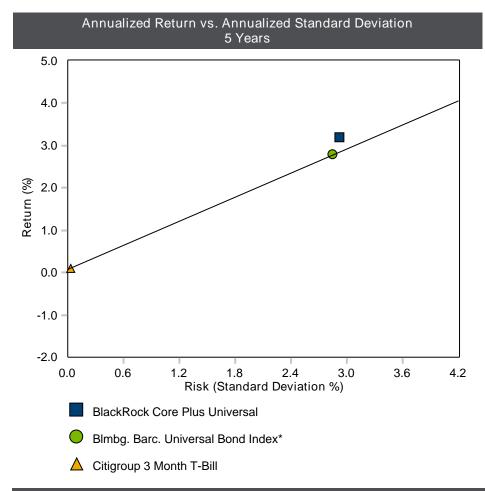


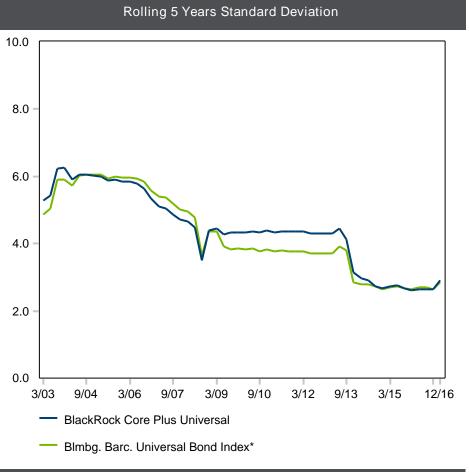
IM U.S. Broad Market Core+ Fixed Income (SA+CF)





BlackRock Core Plus Universal Risk Profile





5 Years Historical Statistics										
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation
BlackRock Core Plus Universal	0.39	0.60	0.65	0.96	1.05	0.38	1.00	3.18	2.92	0.98
Blmbg. Barc. Universal Bond Index*	0.00	0.00	N/A	1.00	0.94	0.00	1.00	2.78	2.85	1.00
Citigroup 3 Month T-Bill	-2.69	2.85	-0.94	0.00	N/A	0.09	0.00	0.09	0.03	-0.01



PIMCO Performance Summary

Account Information

Account Name: PIMCO

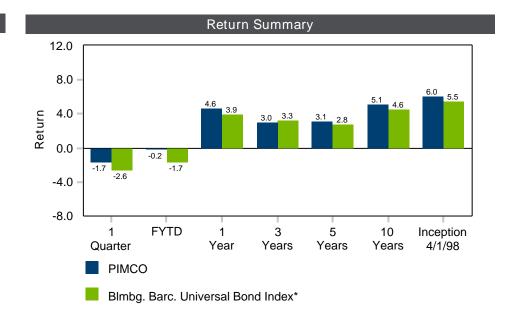
Inception Date: 04/01/1998

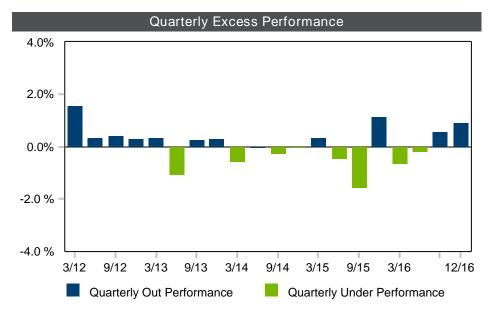
Account Structure: Separate Account

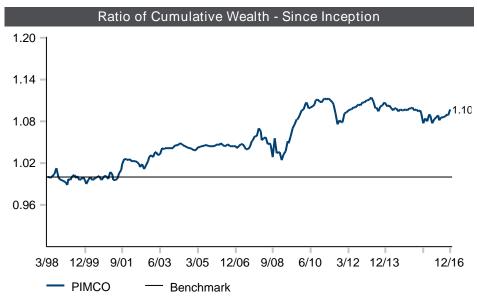
Asset Class: US Fixed Income

Benchmark: Blmbg. Barc. Universal Bond Index*

Peer Group: IM U.S. Broad Market Core+ Fixed Income (SA+CF)

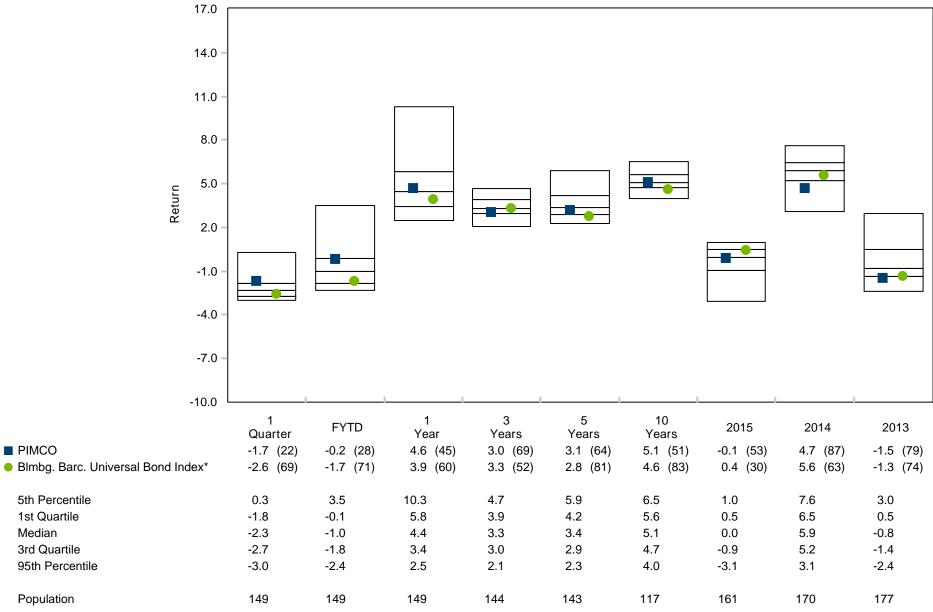






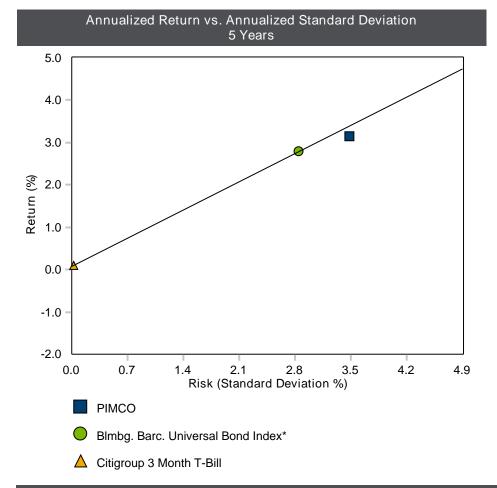


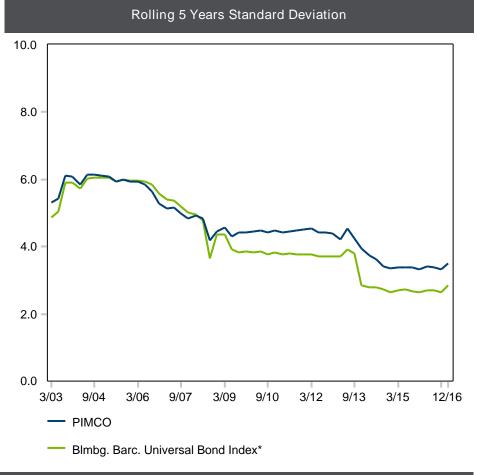
IM U.S. Broad Market Core+ Fixed Income (SA+CF)





PIMCO Risk Profile





5 Years Historical Statistics										
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation
PIMCO	0.36	1.48	0.24	0.83	0.87	0.04	1.11	3.13	3.49	0.91
Blmbg. Barc. Universal Bond Index*	0.00	0.00	N/A	1.00	0.94	0.00	1.00	2.78	2.85	1.00
Citigroup 3 Month T-Bill	-2.69	2.85	-0.94	0.00	N/A	0.09	0.00	0.09	0.03	-0.01



BlackRock Aggregate Bond Index Performance Summary

Account Information

Account Name: BlackRock Aggregate Bond Index

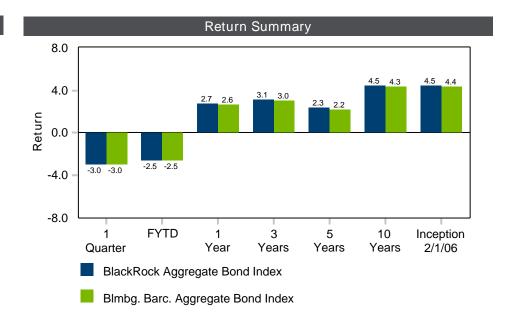
Inception Date: 02/01/2006

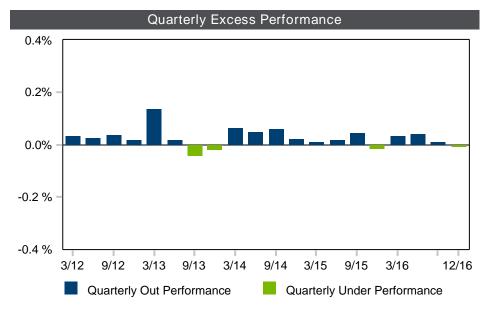
Account Structure: Commingled Fund

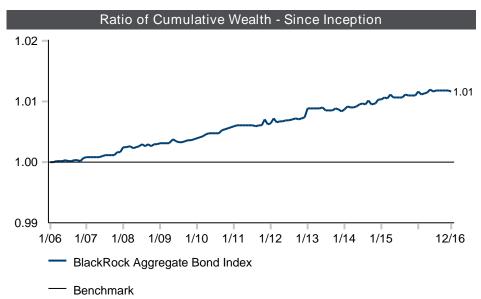
Asset Class: US Fixed Income

Benchmark: Blmbg. Barc. Aggregate Bond Index

Peer Group: IM U.S. Broad Market Core Fixed Income (SA+CF)

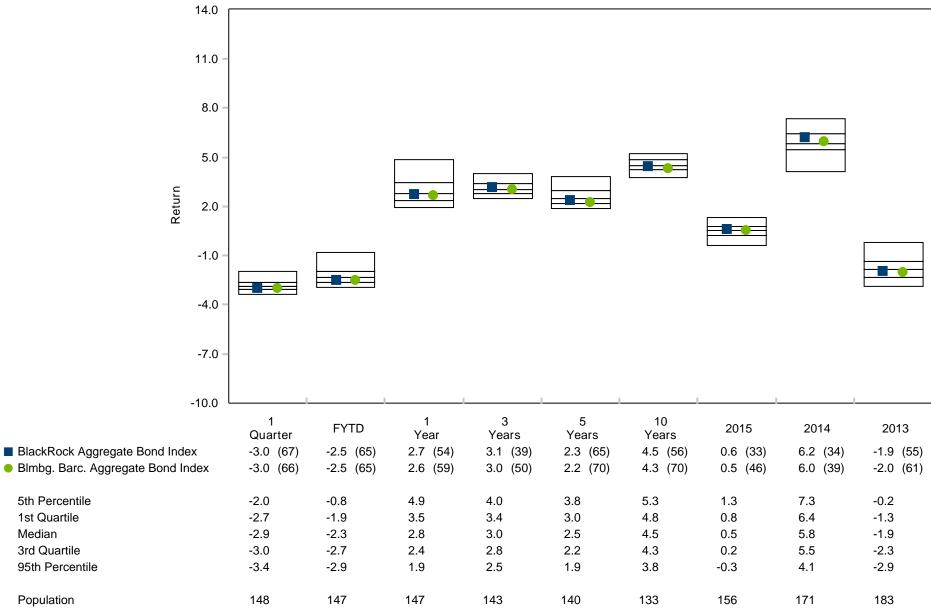






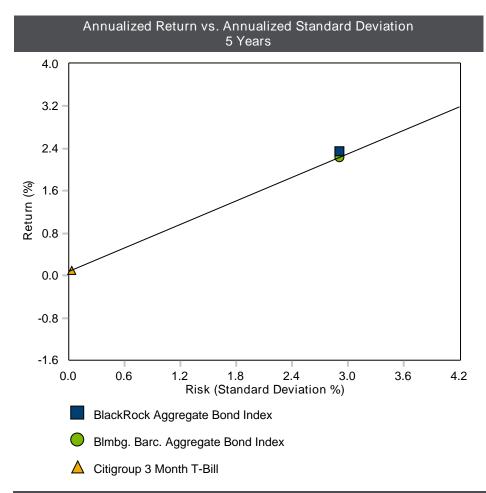


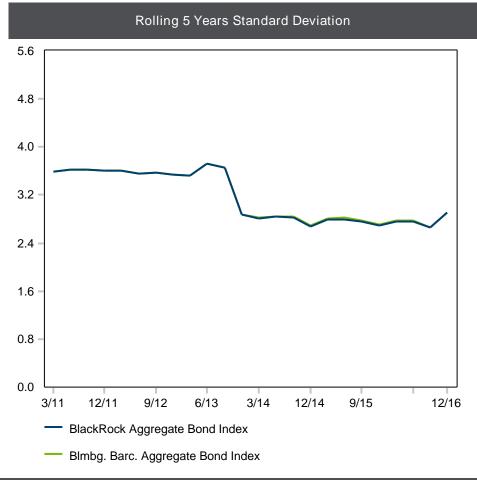
IM U.S. Broad Market Core Fixed Income (SA+CF)





BlackRock Aggregate Bond Index Risk Profile





5 Years Historical Statistics										
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation
BlackRock Aggregate Bond Index	0.11	0.12	0.92	1.00	0.78	0.11	1.00	2.34	2.91	1.00
Blmbg. Barc. Aggregate Bond Index	0.00	0.00	N/A	1.00	0.74	0.00	1.00	2.23	2.91	1.00
Citigroup 3 Month T-Bill	-2.16	2.91	-0.74	0.00	N/A	0.09	0.00	0.09	0.03	-0.06



Loomis Sayles Performance Summary

Account Information

Account Name: Loomis Sayles

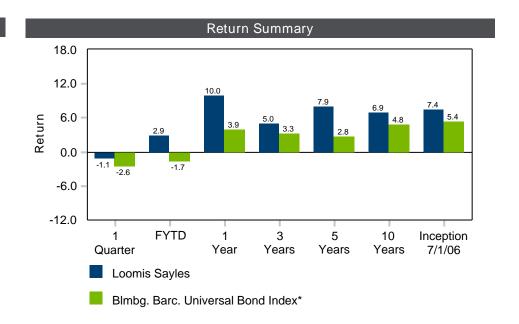
Inception Date: 07/01/2006

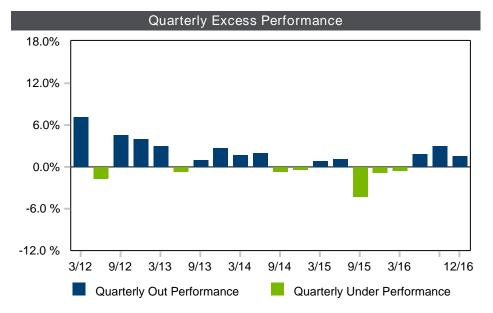
Account Structure: Separate Account

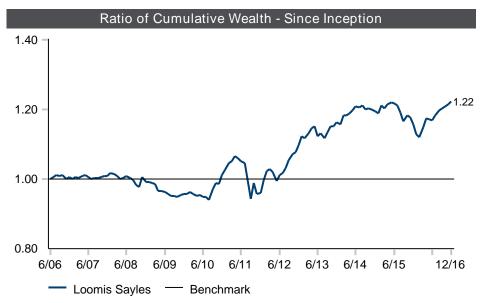
Asset Class: US Fixed Income

Benchmark: Blmbg. Barc. Universal Bond Index*

Peer Group: IM U.S. Broad Market Core+ Fixed Income (SA+CF)

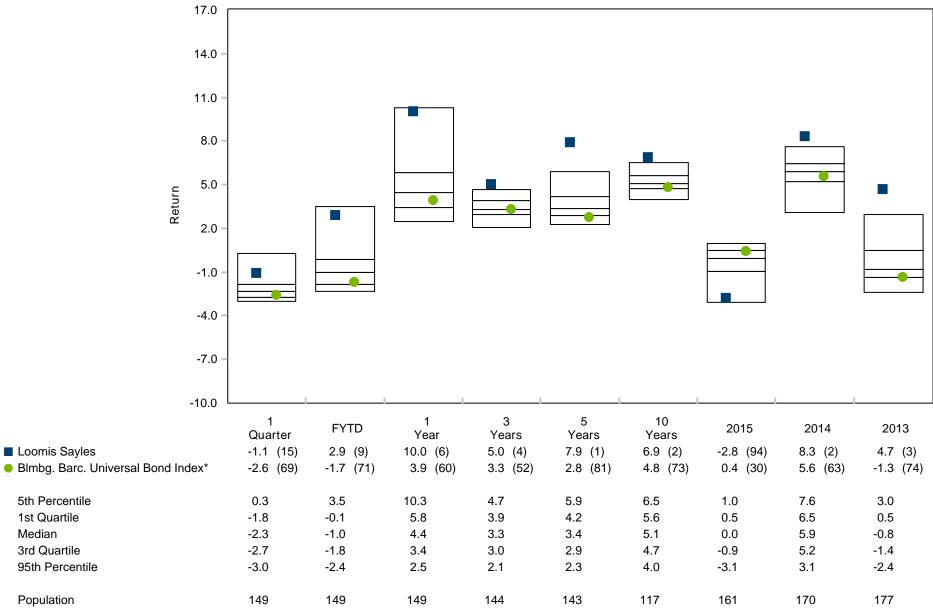






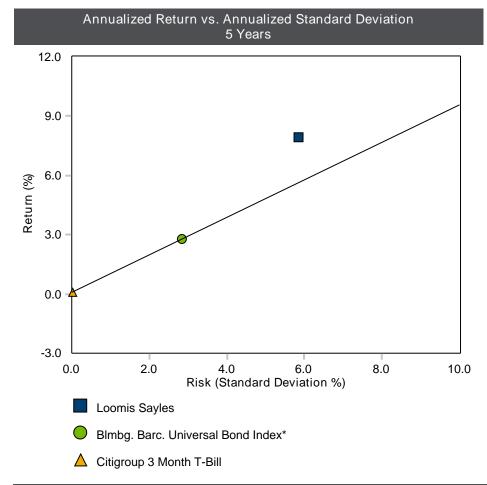


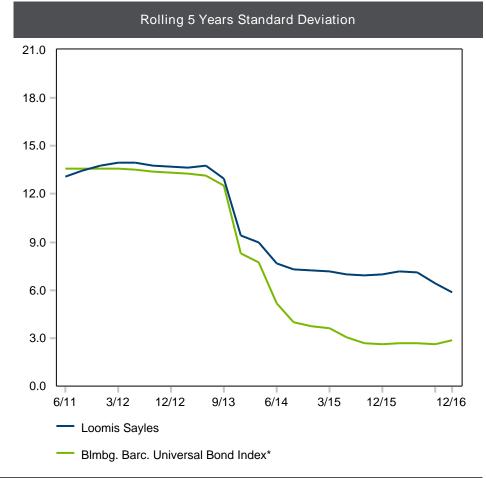
IM U.S. Broad Market Core+ Fixed Income (SA+CF)





Loomis Sayles Risk Profile





5 Years Historical Statistics											
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation	
Loomis Sayles	5.02	4.73	1.06	0.36	1.32	4.46	1.24	7.91	5.86	0.60	
Blmbg. Barc. Universal Bond Index*	0.00	0.00	N/A	1.00	0.94	0.00	1.00	2.78	2.85	1.00	
Citigroup 3 Month T-Bill	-2.69	2.85	-0.94	0.00	N/A	0.09	0.00	0.09	0.03	-0.01	



Wellington Global Performance Summary

Account Information

Account Name: Wellington Global

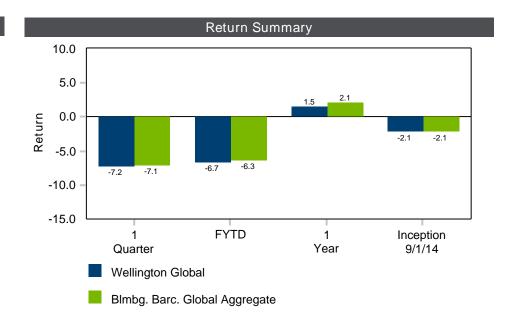
Inception Date: 09/01/2014

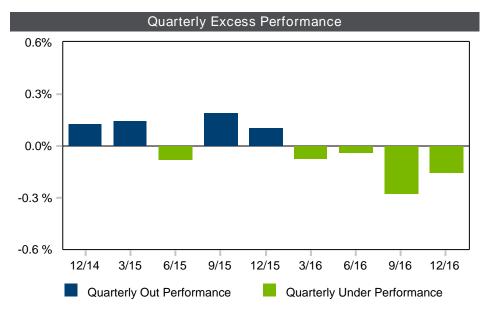
Account Structure: Separate Account

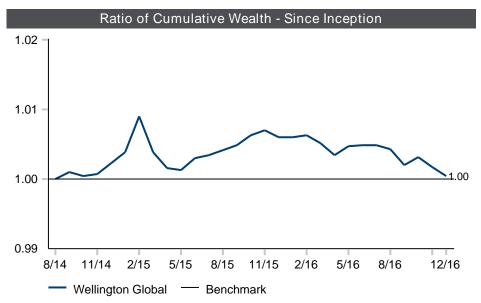
Asset Class: Global Fixed Income

Benchmark: Blmbg. Barc. Global Aggregate

Peer Group: IM Global Fixed Income (SA+CF)



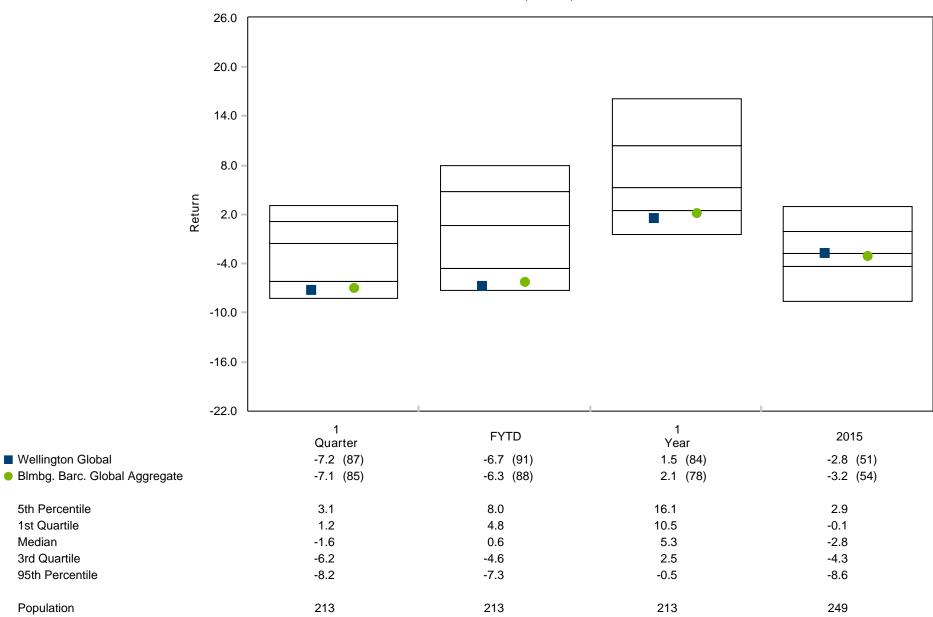






Peer Group Analysis

IM Global Fixed Income (SA+CF)

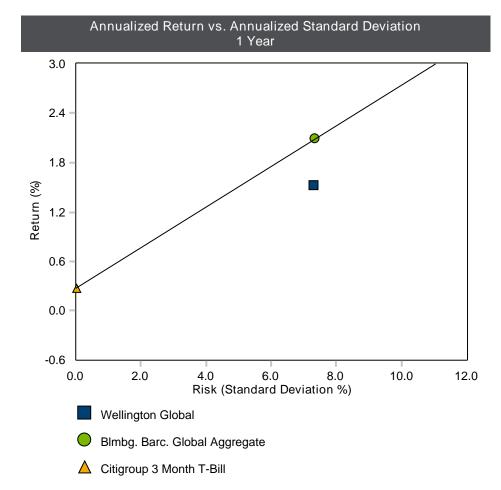


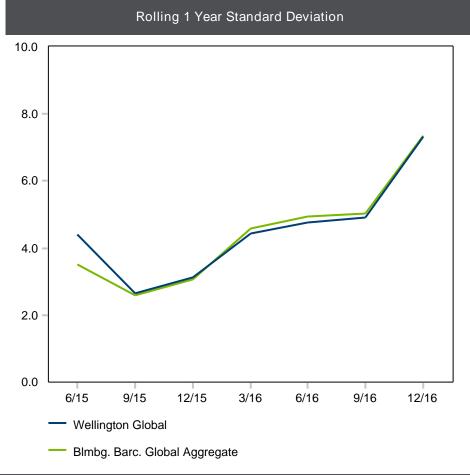
Parentheses contain percentile rankings.

Median



Wellington Global Risk Profile





	1 Year Historical Statistics												
Active Tracking Information R-Squared Sharpe Alpha Beta Return Standard Return Error Ratio Ratio Ratio Deviation C													
Wellington Global	-0.56	0.39	-1.44	1.00	0.20	-0.54	0.99	1.52	7.32	1.00			
Blmbg. Barc. Global Aggregate	0.00	0.00	N/A	1.00	0.28	0.00	1.00	2.09	7.35	1.00			
Citigroup 3 Month T-Bill	-2.04	7.35	-0.28	0.19	N/A	0.27	0.00	0.27	0.02	-0.43			



Loomis Sayles Bank Loans Performance Summary

Account Information

Account Name: Loomis Sayles Bank Loans

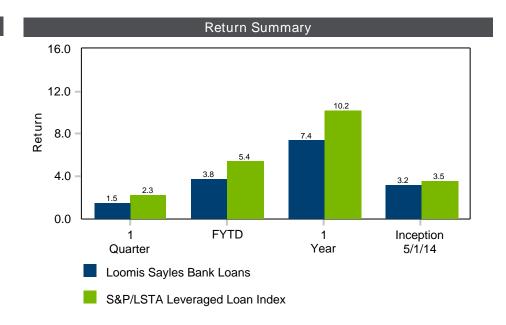
Inception Date: 05/01/2014

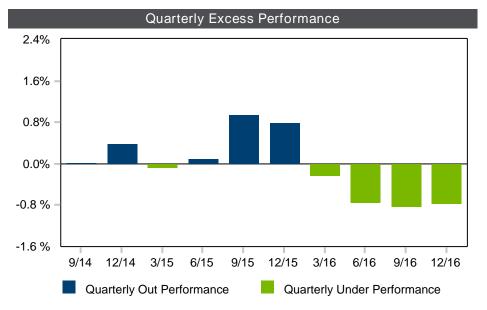
Account Structure: Separate Account

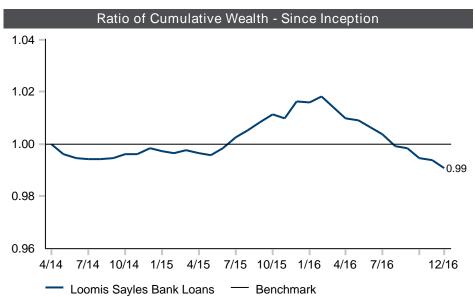
Asset Class: US Fixed Income

Benchmark: S&P/LSTA Leveraged Loan Index

Peer Group: IM U.S. Bank Loans (SA+CF)



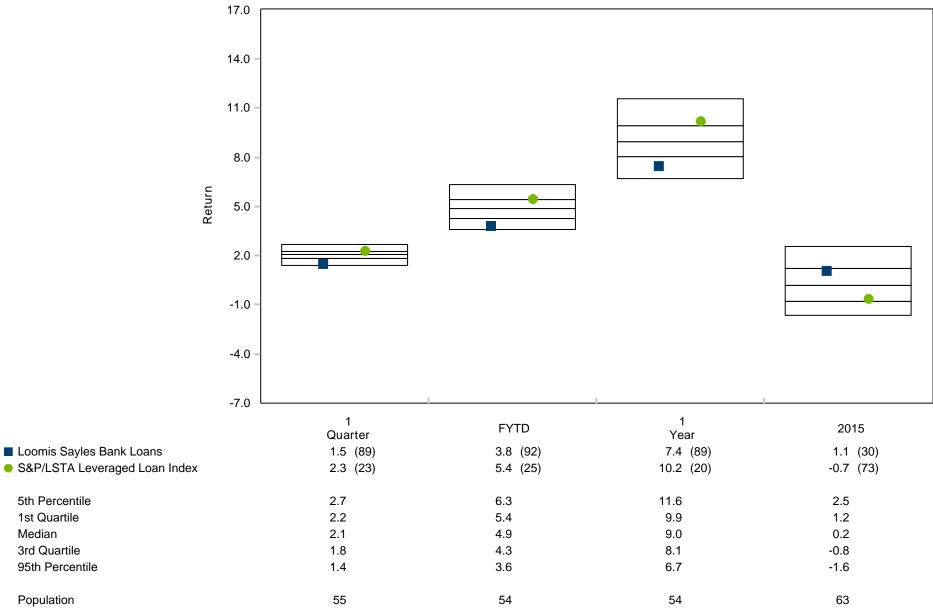






Peer Group Analysis

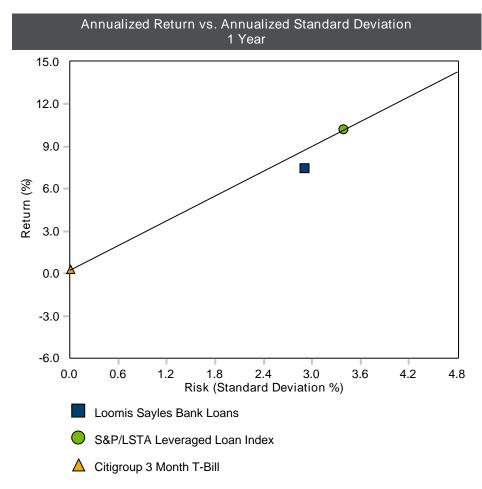
IM U.S. Bank Loans (SA+CF)

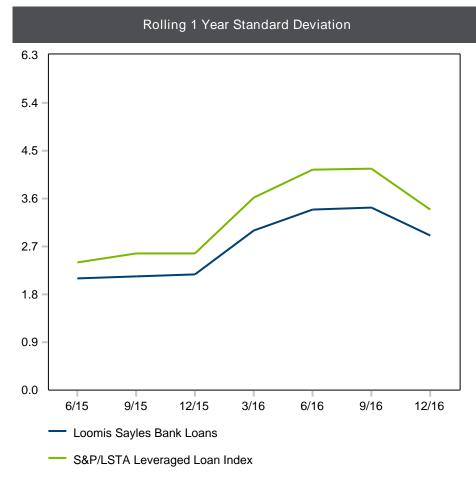


Parentheses contain percentile rankings.



Loomis Sayles Bank Loans Risk Profile





1 Year Historical Statistics												
Active Tracking Information R-Squared Sharpe Alpha Beta Return Standard Actual Return Error Ratio Ratio Ratio Deviation Correlati												
Loomis Sayles Bank Loans	-2.56	0.72	-3.57	0.97	2.39	-1.04	0.85	7.41	2.91	0.99		
S&P/LSTA Leveraged Loan Index	0.00	0.00	N/A	1.00	2.81	0.00	1.00	10.16	3.39	1.00		
Citigroup 3 Month T-Bill	0.02	0.54										



Franklin Templeton Performance Summary

Account Information

Account Name: Franklin Templeton

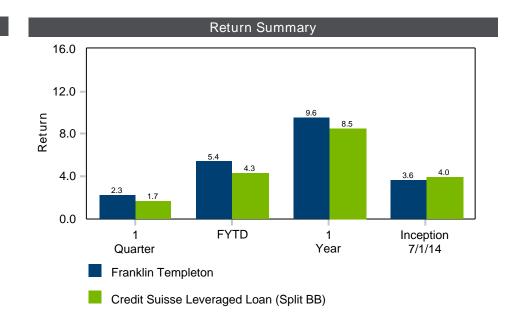
Inception Date: 07/01/2014

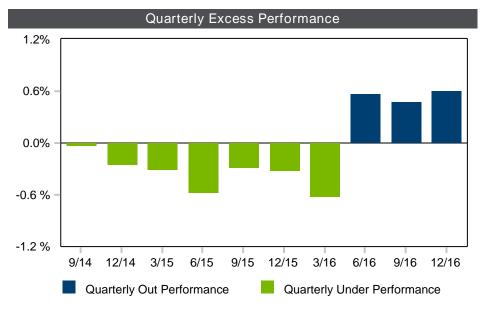
Account Structure: Separate Account

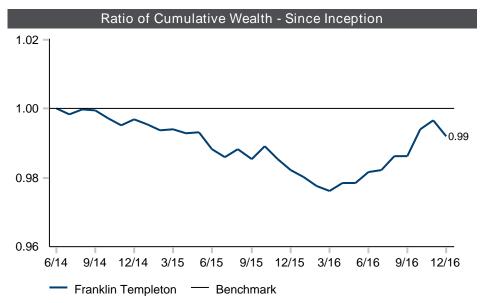
Asset Class: US Fixed Income

Benchmark: Credit Suisse Leveraged Loan (Split BB)

Peer Group: IM U.S. Bank Loans (SA+CF)



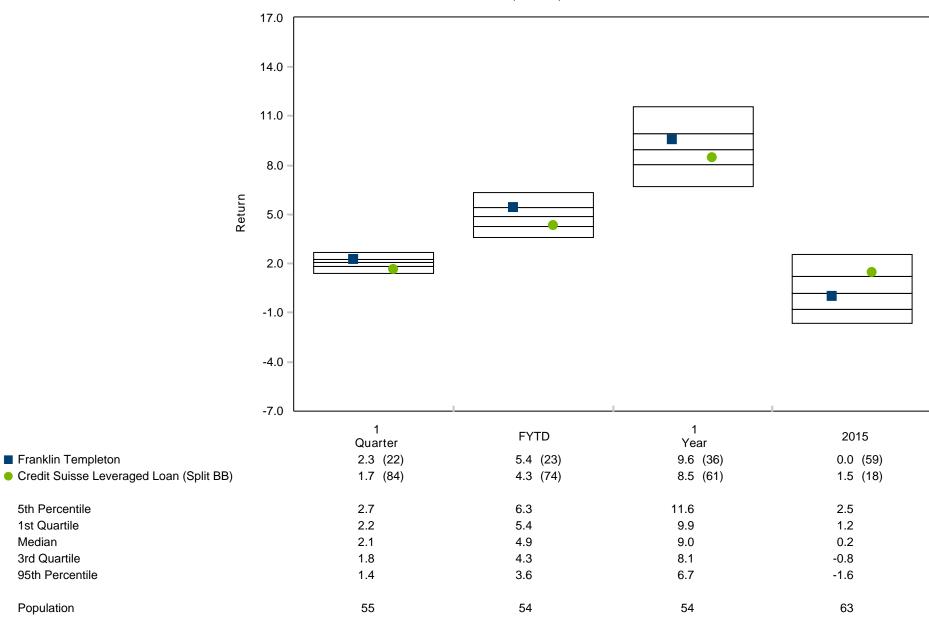






Peer Group Analysis

IM U.S. Bank Loans (SA+CF)

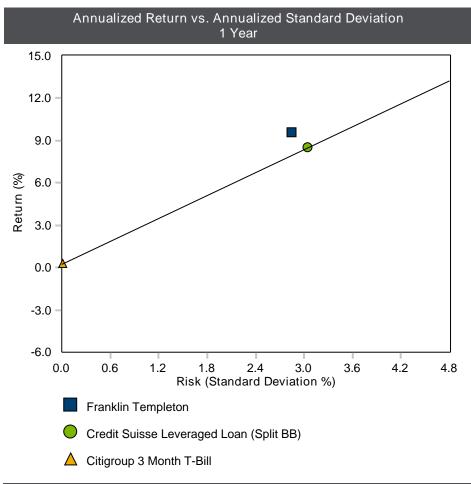


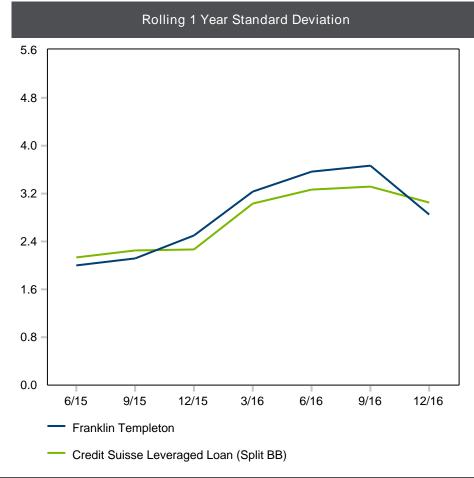
Parentheses contain percentile rankings.

Median



Franklin Templeton Risk Profile





1 Year Historical Statistics												
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation		
Franklin Templeton	0.99	1.19	0.83	0.85	3.14	2.15	0.86	9.56	2.86	0.92		
Credit Suisse Leveraged Loan (Split BB)	0.00	0.00	N/A	1.00	2.61	0.00	1.00	8.48	3.05	1.00		
Citigroup 3 Month T-Bill	-7.94	3.04	-2.61	0.23	N/A	0.25	0.00	0.27	0.02	0.48		



Neuberger Berman Core Plus Performance Summary

Account Information

Account Name: Neuberger Berman Core Plus

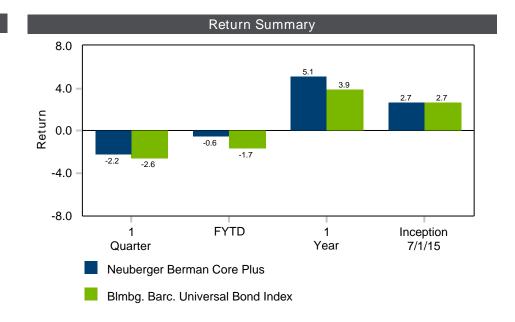
Inception Date: 07/01/2015

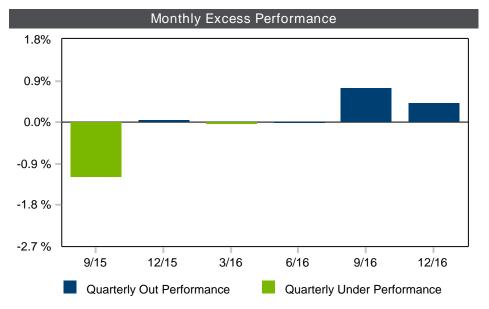
Account Structure: Separate Account

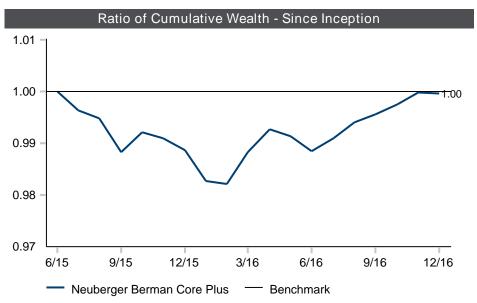
Asset Class: US Fixed Income

Benchmark: Barclays Universal

Peer Group: IM U.S. Broad Market Core+ Fixed Income (SA+CF)



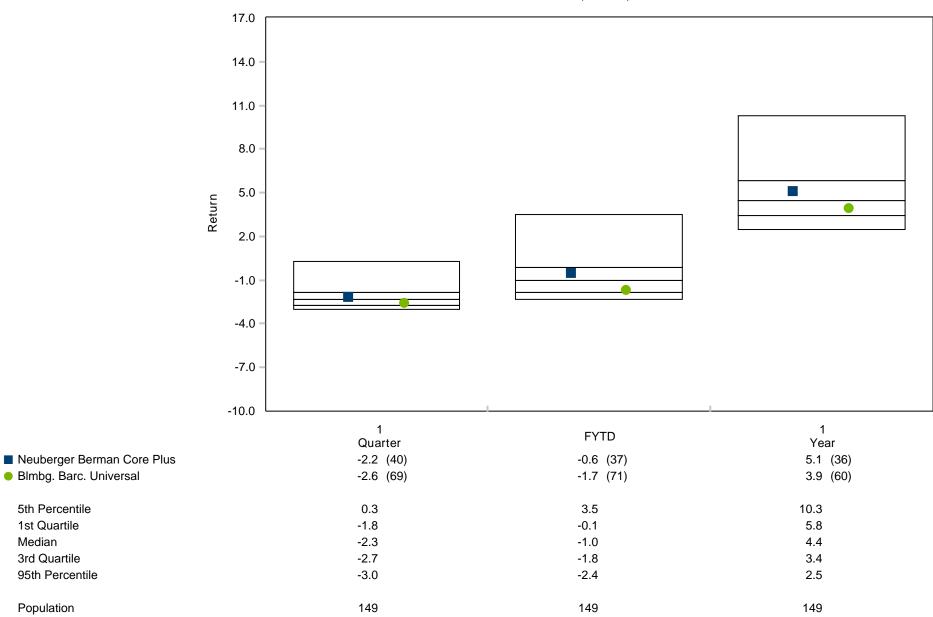






Peer Group Analysis

IM U.S. Broad Market Core+ Fixed Income (SA+CF)



Parentheses contain percentile rankings.

5th Percentile

1st Quartile

3rd Quartile

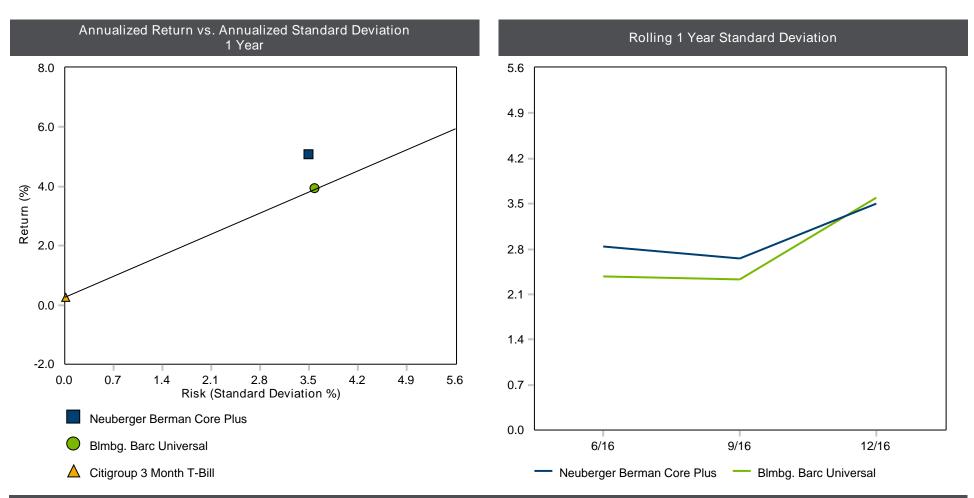
Population

95th Percentile

Median

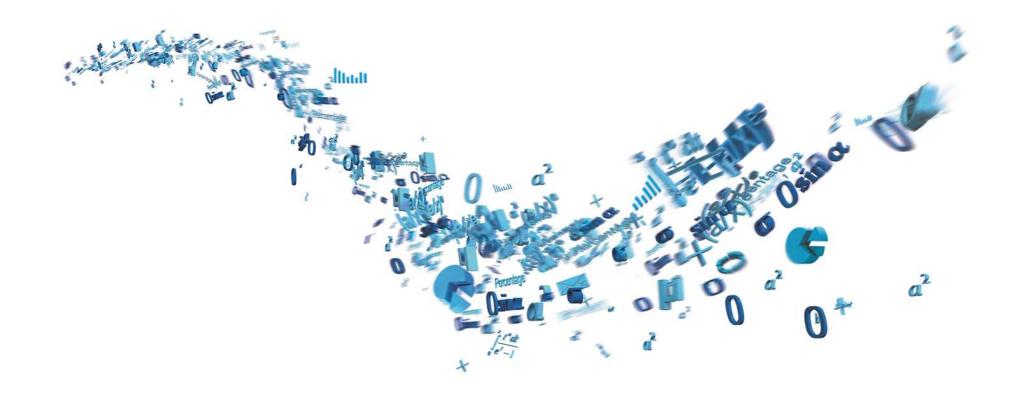


Neuberger Berman Core Plus Risk Profile



	1 Year Historical Statistics												
Active Tracking Information R-Squared Sharpe Alpha Beta Return Standard Acti Return Error Ratio Ratio Ratio Deviation Correl													
Neuberger Berman Core Plus	1.11	1.18	0.94	0.89	1.35	1.42	0.92	5.07	3.51	0.94			
Blmbg. Barc Universal	0.00	0.00	N/A	1.00	1.01	0.00	1.00	3.91	3.59	1.00			
Citigroup 3 Month T-Bill	-3.63	3.59	-1.01	0.22	N/A	0.28	0.00	0.27	0.02	-0.47			



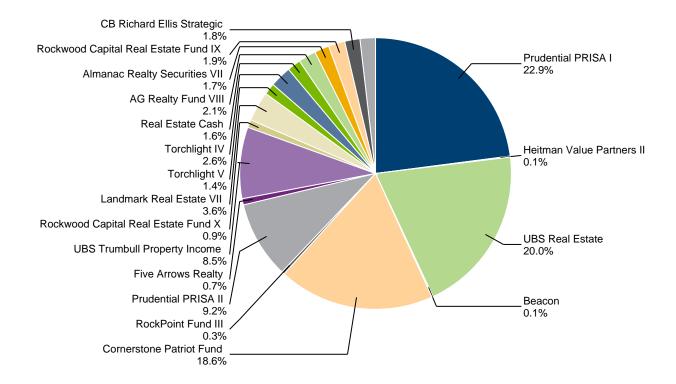


Total Real Estate



Asset Allocation by Plan

December 31, 2016 : \$663,694,278





Defined Benefit Plan

Investment Watchlist Summary

	Total Plan Assets (DB Plan)	Annual Fees (bps)	1 Underperformed During Trailing 5 Years	2 Underperformed in 3 of 4 Trailing Calendar Quarters	3 Diverged from Strategy and/or Portfolio Characteristics	4 Adverse Change in Portfolio Manager	5 Weak Manager Research Rating	6 Significant Organizational Change	Watch Li 4th Quarter 2016	ist Status 3rd Quarter 2016
DFA	\$413,337,438	37	No	No	No	No	No	No		
BlackRock Russell 1000 Index*	\$3,345,242,282	1	No	No	No	No	No	No		
BlackRock World ex-U.S. IMI*	\$635,828,699	4	No	No	No	No	No	No		
Baillie Gifford	\$161,245,539	55	No	Yes	No	No	No	No		
Gryphon	\$271,317,112	50	n/a	Yes	No	No	No	No		
Arrowstreet	\$497,565,810	48	n/a	n/a	No	No	No	No		
MFS	\$323,945,652	46	No	Yes	No	No	No	No		
Wellingtion Equity	\$166,476,313	80	n/a	n/a	No	No	No	No		
Ironbridge	\$233,618,460	58	Yes	Yes	No	No	No	No		
Blackrock All Country World IMI*	\$413,590,276	4	No	No	No	No	No	No		
BlackRock Core Plus Universal	\$387,202,389	20	No	No	No	No	No	No		
PIMCO	\$520,973,975	26	No	No	No	No	No	No		
BlackRock Aggregate Bond Index*	\$594,071,279	2	No	No	No	No	No	No		
Loomis Sayles	\$148,998,876	34	No	No	No	No	No	No		
Loomis Sayles Bank Loans	\$255,242,171	42	n/a	Yes	No	No	No	No		
Neuberger Berman	\$448,568,418	16	n/a	No	No	No	No	No		
Franklin Templeton	\$257,284,834	47	n/a	No	No	No	No	No		
Wellington Global	\$275,714,020	35	n/a	Yes	No	No	No	No		
Opportunistic Fixed Income - PIMCO Bravo II	\$83,293,162	136	n/a	No	No	No	No	No		
Opportunistic Fix ed Income - OakTree	\$22,835,627	65	n/a	No	No	No	No	No		

^{*}Tracking error of 10 to 20 basis points is typical for index funds

Status	Number of Criteria Met	Suggested Action
	Less than 2	Active – No action required
	2 to 3	Active – On "closely monitored" list
	4	Closed – all allocations to the fund must be stopped, but accumulated balances may remain invested
	Greater than 4	Closed Out – All invested balances must be moved to another active option



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Defined Contribution Option and Deferred Compensation



	Allocation	1				Performance(%)		
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total Defined Cont. & Deferred Comp.	1,034,943,673	100.0							
DFA Small Cap	60,932,240	5.9	11.5	23.5	7.7	16.0	8.4	9.9	01/01/2001
Russell 2000 Index			8.8	21.3	6.7	14.5	7.1	8.1	
Russell 1000 Growth Index Fund	45,251,849	4.4	1.0	7.1	8.6	14.5	8.4	4.0	10/01/1999
Russell 1000 Growth Index			1.0	7.1	8.6	14.5	8.3	4.0	
Russell 1000 Value Index Fund	45,747,645	4.4	6.6	17.2	8.6	14.8	5.8	6.9	10/01/1999
Russell 1000 Value Index			6.7	17.3	8.6	14.8	5.7	6.8	
U.S. Equity Index Fund	168,233,760	16.3	3.8	11.9	8.9	14.7	7.0	6.5	01/01/1998
S&P 500 Index			3.8	12.0	8.9	14.7	6.9	6.5	
BlackRock All-Country World ex-U.S. Index Fund	28,061,060	2.7	-1.4	5.2	-1.8	5.0	1.1	4.5	07/01/2005
MSCI AC World ex USA Index (Net)	·		-1.3	4.5	-1.8	5.0	1.0	4.3	
U.S. Debt Index Fund	17,878,949	1.7	-3.1	2.6	3.1	2.3	4.4	5.1	01/01/1998
Blmbg. Barc. U.S. Aggregate			-3.0	2.6	3.0	2.2	4.3	5.1	
T. Rowe Stable Value	128,328,182	12.4	0.4	1.7	1.6	1.7	2.8	4.4	01/01/1997
Performance Benchmark	·		0.5	1.8	1.7	1.9	2.8	3.4	
SSgA STIF	9,374,547	0.9	0.1	0.5	0.2	0.2	0.9	2.2	01/01/1998
Blmbg. Barc. 90-Day T-Bill Index	, ,		0.1	0.3	0.2	0.1	0.8	2.2	
Conservative Premixed	37,895,031	3.7	-0.6	5.1	3.7	4.8	4.7	4.9	10/01/1999
Conservative Policy	, ,		-0.9	4.7	3.6	4.6	4.4	4.6	
Moderate Premixed	392,360,933	37.9	0.7	7.8	5.0	7.8	5.8	5.7	10/01/1999
Moderate Policy	,,,,,,,,		0.3	7.4	4.9	7.5	5.5	5.5	
Aggressive Premixed	82,431,978	8.0	2.4	10.1	5.8	10.5	6.1	5.8	10/01/1999
Aggressive Policy			2.0	9.7	5.7	10.2	5.8	5.7	5, 2 ,, 12 00
Investor Select Fund	18.447.499	1.8	0.3	7.6	5.0	9.4	5.8	6.6	10/01/2005
Performance Benchmark			0.5	8.1	5.2	9.1	5.3	6.2	



Premixed Funds

	Employee Conservative Premixed	Employee Moderate Premixed	Employee Aggressive Premixed	Investor Select Fund
Allocation to Underlying Funds	Fleillixeu	Fielliteu	Fielliteu	Fulla
, -	4.007	0.00/	40.00/	0.40/
DFA Small-Cap Portfolio	4.0%	8.0%	12.0%	3.4%
BlackRock Russell 1000 Index Fund				30.6
BlackRock U.S. Equity Market Index	16.0	32.0	48.0	
BlackRock All Country World Ex-U.S. Index	5.0	10.0	15.0	13.5
MFS Global Equity Fund				15.0
PIMCO Total Return Fund				10.1
BlackRock Core Plus				10.1
BlackRock U.S. Debt Index	60.0	50.0	25.0	9.9
SSgA Money Market	15.0			
Goldman Sachs Real Estate				7.5
Total Fund Assets	100.0%	100.0%	100.0%	100.0%

The Premixed Funds' Target allocations to the underlying mutual funds are shown in the table above. As illustrated, the Conservative Fund allocates 25% of assets to stocks, 60% to bonds, and 15% to cash; the Moderate Fund allocates 50% of assets to stocks and 50% to bonds, while the Aggressive Fund allocates 75% to stocks and 25% to bonds. The Investor Select Fund allocates 62.5% to stocks, 30% to bonds, and 7.5% to real estate.



Investment Watchlist Summary

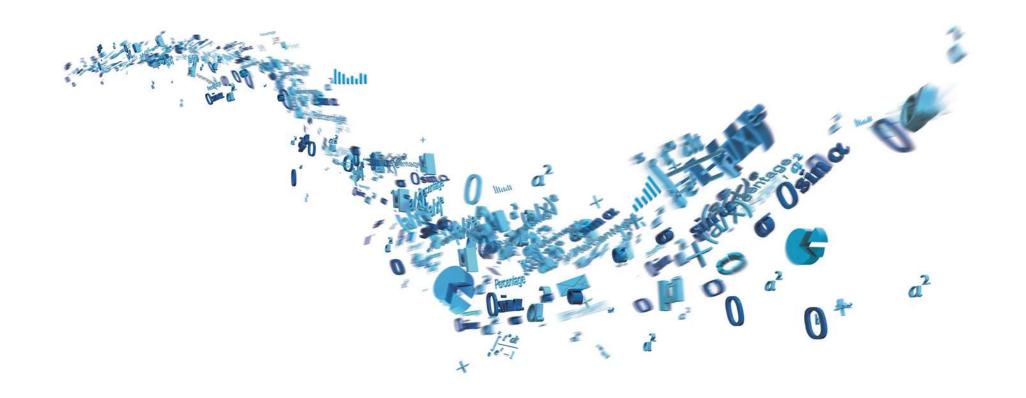
	Total Plan Assets	Annual Fees (bps)	1 Underperformed During Trailing 5 Years	in 3 of 4 Trailing Calendar		in Portfolio Manager	5 Weak Manager Research Rating	6 Significant Organizational Change	Watch Li 4th Quarter 2016	3rd Quarter 2016
DFA Small Cap Value	\$60,932,240	37	No	No	No	No	No	No		
Russell 1000 Growth Index Fund*	\$45,251,849	2	No	No	No	No	No	No		
Russell 1000 Value Index Fund*	\$45,747,645	2	No	No	No	No	No	No		
U.S. Equity Index Fund*	\$168,233,760	1.5	No	No	No	No	No	No		
BlackRock All-Country World ex-US Index Fund*	\$28,061,060	10	No	No	No	No	No	No		
U.S. Debt Index Fund*	\$17,878,949	3	No	No	No	No	No	No		
T.Rowe Stable Value	\$128,328,182	13	Yes	No	No	No	No	No		
SSgA STIF	\$9,374,547	0	No	No	No	No	No	No		

^{*}Tracking error of 10 to 20 basis points is typical for index funds

Status	Number of Criteria Met	Suggested Action
	Less than 2	Active – No action required
	2 to 3	Active – On "closely monitored" list
	4	Closed – all allocations to the fund must be stopped, but accumulated balances may remain
	Greater than 4	Closed Out – All invested balances must be moved to another active option



The table below provides a "Suggested Action" based on the number of affirmative responses received to the questions noted above. Changes in Watch List designations from the previous quarter are highlighted in red.



Total Cash Balance Benefit



	A	llocation				F	Performance(%	%)		
	Market Value (\$)	%	Policy(%)	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total Cash Balance Benefit Plan	1,850,086,444	100.0	100.0	1.3	8.5	5.5	9.4	5.4	7.6	01/01/2003
Policy Benchmark				8.0	8.2	5.1	9.0	5.4	7.6	
Total U.S. Equity	652,008,652	35.2	31.5	4.7	13.3	8.6	14.8	7.1	9.6	01/01/2003
Dow Jones U.S. Total Stock Market				4.1	12.6	8.4	14.6	7.2	9.7	
Dimensional Fund Advisors	71,701,284	3.9		11.8	24.2	8.1	17.0	7.6	10.0	10/01/2004
Russell 2000 Index*				8.8	21.3	7.0	14.2	5.9	8.0	
BlackRock Russell 1000 Index	580,296,255	31.4		3.8	12.1	8.6	14.7		6.7	10/01/2007
Russell 1000 Index				3.8	12.1	8.6	14.7		6.6	
Total Non-U.S. Equity	185,422,417	10.0	13.5	-2.0	2.6	-1.0	5.8	0.5	7.3	01/01/2003
MSCI All Country World ex-U.S. IMI*				-1.6	4.4	-1.4	5.3	1.3	7.9	
BlackRock World ex-U.S. IMI	110,296,649	6.0		-0.7	3.4	-0.9	6.8	1.3	5.3	10/01/2004
MSCI World ex-U.S. IMI*				-0.7	3.0	-1.2	6.5	0.9	5.0	
Baillie Gifford	27,971,123	1.5		-7.3	3.2	-1.7	2.2	3.2	9.4	10/01/2004
MSCI Emerging Markets Index (Net)				-4.2	11.2	-2.6	1.3	1.8	7.7	
Gryphon	47,065,142	2.5		-1.7	0.3	-1.0			4.3	01/01/2013
MSCI All Country World ex-U.S. IMI				-1.6	4.4	-1.4			2.6	
McKinley	89,504	0.0								
Total Global Equity	283,740,796	15.3	15.0	0.9	7.7	3.1	9.9	4.6	6.9	09/01/2005
MSCI All Country World IMI*				1.3	8.4	3.2	9.6	3.7	5.6	
MFS	56,194,569	3.0		-0.4	7.5	3.7	12.3	6.7	8.3	10/01/2005
MSCI All Country World IMI*				1.3	8.4	3.2	9.6	3.7	5.3	
IronBridge	40,525,590	2.2		-3.4	-1.1	0.9	8.3		9.5	01/01/2009
MSCI All Country World IMI*				1.3	8.4	3.2	9.6		10.5	
BlackRock All Country World IMI	71,745,144	3.9		1.4	8.9	3.7	10.1		6.2	06/01/2011
MSCI All Country World IMI				1.3	8.4	3.2	9.6		5.8	
Arrowstreet	86,312,306	4.7		3.1					5.2	09/01/2016
MSCI AC World IMI (Net)				1.3					2.0	
Wellington Equity	28,878,500	1.6		1.9					3.4	09/01/2016
MSCI AC World Small Cap (Net)				1.8					3.3	
Acadian Global Equity	31,300	0.0								
Mondrian	53,387	0.0								



	AI	location				F	erformance(%	%)		
	Market Value (\$)	%	Policy(%)	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total Fixed Income	528,878,765	28.6	30.0	-1.7	4.9	3.3	3.2	5.0	4.8	01/01/2003
Blmbg. Barc. Universal Bond Index*				-2.6	3.9	3.3	2.8	4.6	4.6	
BlackRock Core Plus Universal	67,167,660	3.6		-1.7	3.8	3.6	3.2	5.0	5.0	01/01/2003
Blmbg. Barc. Universal Bond Index*				-2.6	3.9	3.3	2.8	4.6	4.6	
PIMCO	90,372,900	4.9		-1.7	4.6	3.0	3.1	5.1	5.0	03/01/2005
Blmbg. Barc. Universal Bond Index*				-2.6	3.9	3.3	2.8	4.6	4.5	
BlackRock Aggregate Bond Index	103,053,026	5.6		-3.0	2.7	3.1	2.3	4.5	4.7	07/01/2006
Blmbg. Barc. Aggregate Bond Index				-3.0	2.6	3.0	2.2	4.3	4.6	
Loomis Sayles	25,846,705	1.4		-1.1	10.0	5.0	7.9	6.9	7.4	07/01/2006
Blmbg. Barc. Universal Bond Index*				-2.6	3.9	3.3	2.8	4.8	5.4	
Wellington Global	47,827,870	2.6		-7.2	1.5				-2.1	09/01/2014
Blmbg. Barc. Global Aggregate				-7.1	2.1				-2.1	
Loomis Sayles Bank Loans	44,276,636	2.4		1.5	7.4				3.2	06/01/2014
S&P/LSTA Leveraged Loan Index				2.3	10.2				3.4	
Franklin Templeton	44,630,975	2.4		2.3	9.6				3.6	07/01/2014
Credit Suisse Leveraged Loan (Split BB)				1.7	8.5				4.0	
Neuberger Berman Core Plus	77,812,771	4.2		-2.2	5.1				2.7	07/01/2015
Blmbg. Barc. Universal Bond Index				-2.6	3.9				2.7	
Opportunistic Fixed Income - PIMCO Bravo II	14,448,792	0.8								
Opportunistic Fixed Income - Oaktree	3,961,276	0.2								
Opportunistic Cash and Int Rec	450,709	0.0								
CBB GICS and Money Market	9,029,444	0.5								
Total Real Estate	115,130,466	6.2	6.0	2.0	10.8	12.2	10.9	4.1	7.0	12/01/2004
Performance Benchmark*				1.9	7.8	11.0	10.9	6.9	8.8	
CB Richard Ellis Strategic	2,099,458	0.1								
Prudential PRISA I	26,415,354	1.4								
UBS Real Estate	23,001,287	1.2								
Cornerstone Patriot Fund	21,379,858	1.2								
Rockwood Capital Real Estate Fund IX	2,244,622	0.1								
Prudential PRISA II	10,567,324	0.6								
Beacon	170,567	0.0								
Five Arrows Realty	852,642	0.0								
Heitman Value Partners II	133,945	0.0								
RockPoint Fund III	399,477	0.0								
Landmark Real Estate VI	2,121,843	0.1								
Landmark Real Estate VII	4,097,019	0.2								
AG Realty Fund VIII	2,425,690	0.1								
UBS Trumbull Property Income	9,793,675	0.5								
Almanac Realty Securities VII	2,006,674	0.1								
Torchlight IV	2,941,174	0.2								

^{*}Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report.



	Allocation			Performance(%)							
	Market Value (\$)	%	Policy(%)	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date	
Torchlight V	1,560,449	0.1									
Rockwood Capital Real Estate Fund X	1,071,012	0.1									
Real Estate Cash	1,848,400	0.1									
Total Private Equity	84,905,347	4.6	4.0	3.2	9.2	11.8	11.6	6.7	2.6	09/01/2005	
Dow Jones U.S. Total Stock Market + 3%				4.9	16.0	11.6	18.0	10.4	11.2		
Abbott Capital	2,696,319	0.1									
Pathway	7,071,378	0.4									
Sun Capital	2,324,915	0.1									
Dover Street VIII	2,581,086	0.1									
CMEA Ventures VII	1,135,467	0.1									
New Mountain Partners III	3,034,277	0.2									
New Mountain Partners IV	2,946,799	0.2									
Citigroup Venture Capital International	1,438,153	0.1									
Wayzata Opportunities Fund II	311,438	0.0									
Resolute Fund II	1,869,475	0.1									
Resolute Fund III	2,123,893	0.1									
Accell KKR Capital Partners III	1,248,778	0.1									
BridgePoint Europe IV	1,608,857	0.1									
Quantum Energy Partners V	3,508,448	0.2									
Quantum Energy Partners VI	1,943,511	0.1									
CVC European Equity Partners	1,281,692	0.1									
CVC European Equity Partners V	2,043,860	0.1									
Fulcrum Growth Partners IV	1,292,876	0.1									
Ares Corporate Opp Fund III	2,321,405	0.1									
Ares Corporate Opportunities Fund IV	2,498,316	0.1									
New Enterprise Associates 13	3,608,637	0.2									
New Enterprise Associates 14	3,829,708	0.2									
Lincolnshire Equity Partners IV	2,685,826	0.1									
Longroad Capital Partners LP	39,529	0.0									
Merit Mezzanine Fund V	1,591,453	0.1									
Ares Mezzanine Fund Partners	9,782	0.0									
Lightyear Fund III	2,392,362	0.1									
EIF U.S. Power Fund IV	2,501,433	0.1									
McCarthy Capital Fund V	2,558,427	0.1									
Green Equity Investors VI	2,950,975	0.2									
Wayzata Opp Fund III	1,193,521	0.1									
Accell KKR Capital Partners IV	1,296,561	0.1									
Beecken Petty O'Keefe & Co. IV	1,979,041	0.1									
Pine Brook Capital Partners II	3,283,930	0.2									
EMG III LP	3,436,762	0.2									

^{*}Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report.



BridgePoint Europe V

Private Equity Cash

McCarthy Capital Fund VI

Asset Allocation & Performance Performance(%) Allocation Market 1 3 5 10 Since Inception Value % Policy(%) Date Quarter Year Years Years Years Inception (\$) Francisco Partners IV 1,490,045 0.1 Wynnchurch Capital Partners IV 581,963 0.0

882,386

746,135

2,327,886

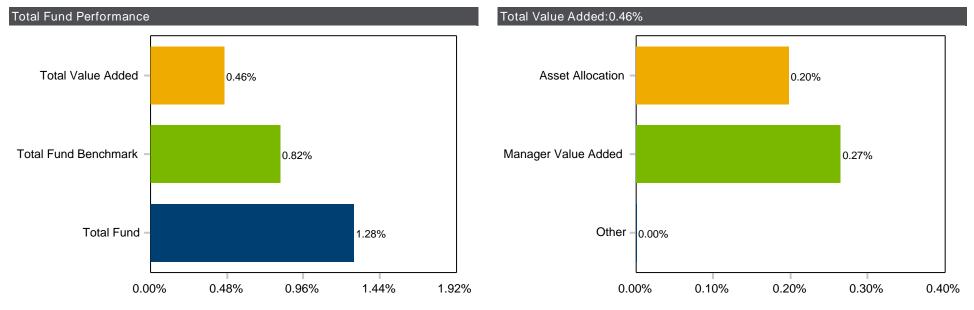
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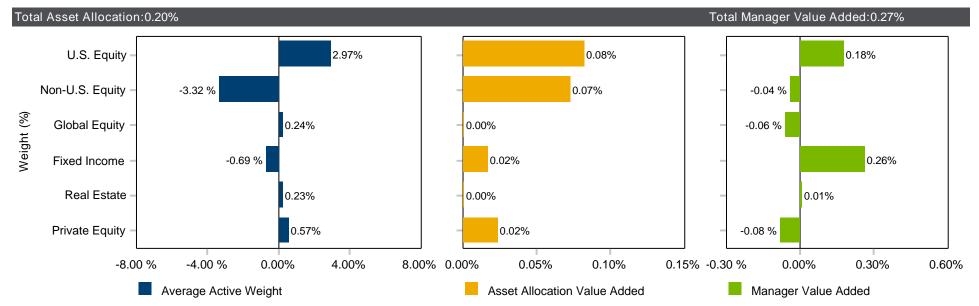
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0.1

Total Fund Attribution

Total CBB Plan vs. CBB Total Fund Attribution

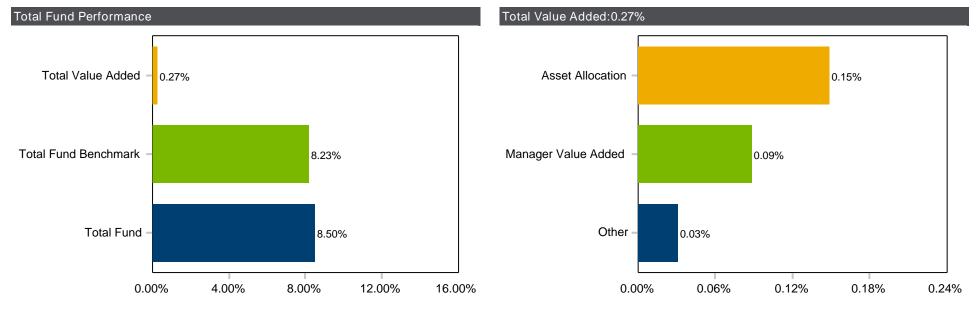


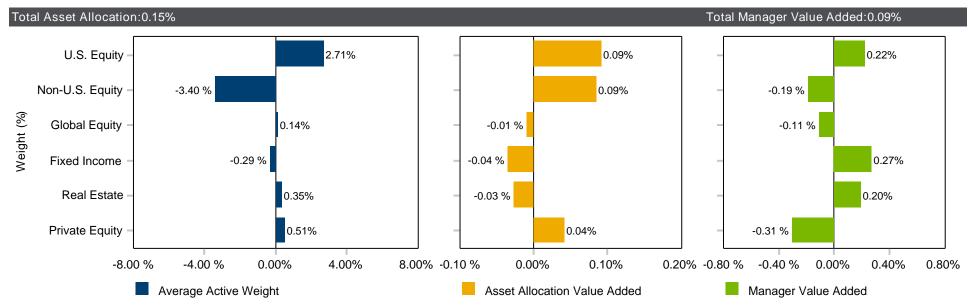




Total Fund Attribution

Total CBB Plan vs. CBB Total Fund Attribution

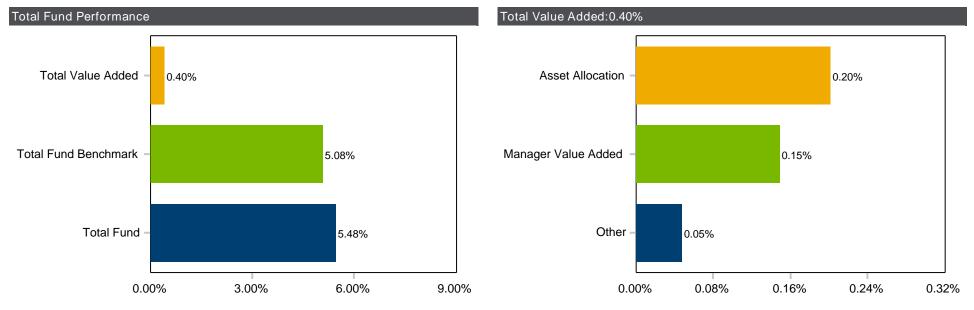


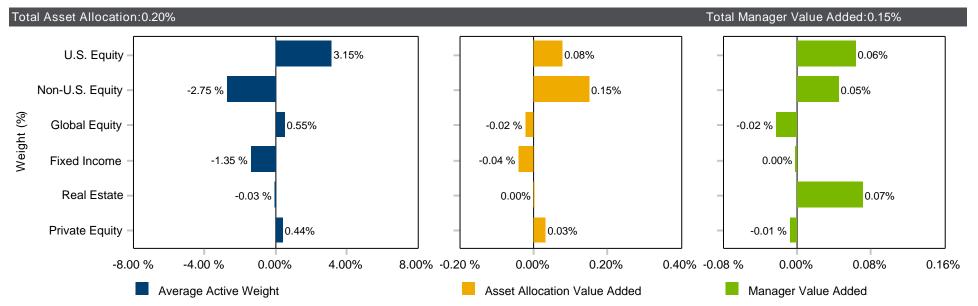




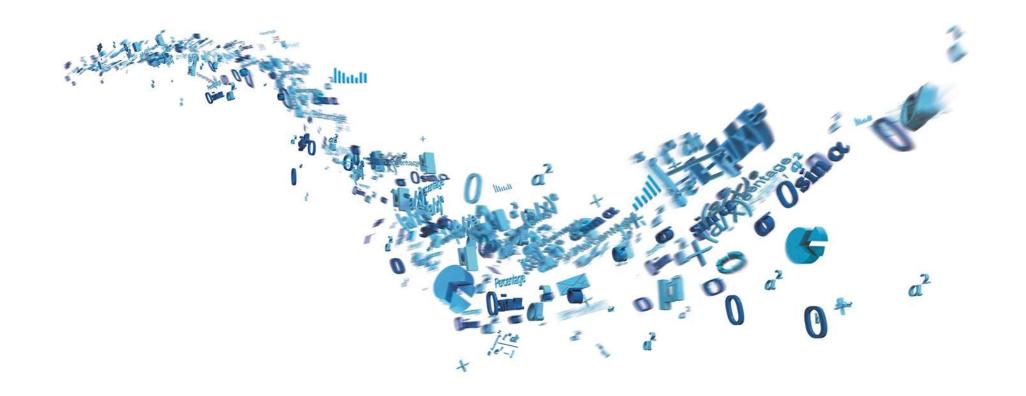
Total Fund Attribution

Total CBB Plan vs. CBB Total Fund Attribution









Total Hartford Options



	Allocation	on	Performance(%)						
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years		
Total Hartford Options	33,414,624	100.0							
American Century Value	287,219	0.9	7.3	19.8	9.2	14.4	6.4		
DJ U.S. Large-Cap Value Total Stock Market Index			6.4	16.5	8.6	14.1	5.8		
American Funds Growth Fund of America	802,875	2.4	1.5	8.1	7.3	14.8	6.8		
Russell 3000 Growth Index			1.2	7.4	8.3	14.4	8.3		
Hartford Capital Appreciation HLS	15,125,759	45.3	2.0	5.2	4.2	13.2	5.9		
Dow Jones U.S. Total Stock Market Index			4.1	12.6	8.4	14.6	7.2		
Harford Dividend & Growth HLS	548,754	1.6	6.7	14.5	8.4	13.8	7.2		
DJ U.S. Large-Cap Value Total Stock Market Index			6.4	16.5	8.6	14.1	5.8		
SSgA S&P 500 Flagship	582,135	1.7	3.7	11.2	8.1	14.2	6.4		
S&P 500 Index			3.8	12.0	8.9	14.7	6.9		
T. Rowe Price Growth Stock	880,363	2.6	-0.1	0.8	6.3	14.6	7.5		
Russell 1000 Growth Index			1.0	7.1	8.6	14.5	8.3		
Goldman Sachs Mid-Cap Value	96,282	0.3	5.5	12.5	4.6	12.3	6.0		
Russell Midcap Value Index			5.5	20.0	9.5	15.7	7.6		
Munder Mid-Cap Core Growth	188,477	0.6	2.5	6.7	3.6	11.4	6.7		
Russell Midcap Growth Index			0.5	7.3	6.2	13.5	7.8		
SSgA S&P MidCap Index	199,808	0.6	7.2	19.8	8.2	14.2	8.3		
Russell Midcap Index			3.2	13.8	7.9	14.7	7.9		
Hartford Small Company HLS	386,291	1.2	0.5	1.7	-0.2	10.6	5.7		
Russell 2000 Index			8.8	21.3	6.7	14.5	7.1		
Skyline Special Equities Portfolio	461,152	1.4	14.8	20.9	5.5	16.2	8.0		
DJ U.S. Small-Cap Value Total Stock Market Index			11.2	27.6	8.6	15.7	8.0		
SSgA Russell 2000 Index	25,715	0.1	8.7	20.7	6.2	13.5	6.4		
Russell 2000 Index			8.8	21.3	6.7	14.5	7.1		
American Funds EuroPacific Growth	203,617	0.6	-4.3	0.3	-1.3	6.6	2.5		
MSCI EAFE Index (Net)			-0.7	1.0	-1.6	6.5	0.7		
Hartford International Opportunities HLS	754,100	2.3	-2.4	0.9	-0.6	7.5	3.3		
MSCI EAFE Index (Net)			-0.7	1.0	-1.6	6.5	0.7		
Mutual Discovery	292,811	0.9	6.1	12.2	4.1	9.9	5.4		
MSCI AC World Index (Net)			1.2	7.9	3.1	9.4	3.6		
Hartford Total Return Bond HLS	789,237	2.4	-2.3	3.0	2.5	2.7	3.9		
Blmbg. Barc. U.S. Aggregate			-3.0	2.6	3.0	2.2	4.3		



	Allocatio	Allocation			Performance(%)						
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years				
Loomis Sayles Bond	427,697	1.3	-1.4	6.2	0.8	4.4	5.3				
Blmbg. Barc. U.S. Aggregate			-3.0	2.6	3.0	2.2	4.3				
Putnam High-Yield Advantage	91,270	0.3	1.5	10.5	1.9	5.4	5.9				
CSFB High-Yield Index			1.6	12.5	4.6	3.5	4.6				
Hartford Balanced HLS	2,766,963	8.3	0.2	5.7	4.9	9.4	5.4				
Conservative Lifestyle Index			1.1	7.6	6.1	8.8	5.7				
Oakmark Equity & Income	528,556	1.6	4.8	10.2	3.5	8.4	6.2				
Russell 1000 Value Index			6.7	17.3	8.6	14.8	5.7				
Templeton Foreign Fund	6,711	0.0	3.1	11.6	-2.6	6.9	2.3				
MSCI EAFE Index			-0.7	1.5	-1.2	7.0	1.2				
SSgA DJ Target 2015 Fund	17,013	0.1	-3.4	3.5	1.5	3.0					
SSgA DJ Target 2015 Benchmark			-0.4	6.6	3.4	6.3					
SSgA DJ Target 2025 Fund	90,710	0.3	-2.1	5.4	2.3	5.6	3.5				
SSgA DJ Target 2025 Benchmark			-0.2	8.2	4.2	8.4	5.5				
SSgA DJ Target 2035 Fund	99,358	0.3	-0.1	7.6	3.0	7.9	4.0				
SSgA DJ Target 2035 Benchmark			0.2	8.5	4.2	9.4	5.2				
SSgA DJ Target 2045 Fund	5,810	0.0	1.1	9.0	3.7	9.3	4.5				
SSgA DJ Target 2045 Benchmark			0.7	9.3	4.3	9.9	5.4				
General Fund	7,755,945	23.2									



Hartford Options Plan

Investment Watchlist Summary

		1		2	3	4	5	6	Watch L	ist Status
	Total Plan Assets	Annual Fees (bps)	Underperformed During Trailing 5 Years	Underperformed in 3 of 4 Trailing Calendar Quarters	Diverged from Strategy and/or Portfolio Characteristics	Adverse Change in Portfolio Manager	Weak Manager Research Rating	Significant Organizational Change	4th Quarter 2016	3rd Quarter 2016
American Century Value	\$287,219	133	No	No	No	No	No	No		
American Funds Growth Fund of America	\$802,875	103	No	No	No	No	No	No		
Hartford Capital Appreciation HLS	\$15,125,759	102	Yes	Yes	No	No	No	No		
Hartford Dividend & Growth HLS	\$548,754	102	Yes	No	No	No	No	No		
SSgA S&P 500 Flagship*	\$582,135	70	Yes	Yes	No	No	No	No		
T.Rowe Price Growth Stock	\$880,363	128	No	Yes	No	No	No	No		
Goldman Sachs Mid-Cap Value	\$96,282	149	Yes	Yes	No	No	No	No		
Munder Mid-Cap Core Growth	\$188,477	172	Yes	No	No	No	No	No		
SSgA S&P MidCap Index*	\$199,808	75	Yes	No	No	No	No	No		
Hartford Small Company HLS	\$386,291	106	Yes	Yes	No	No	No	No		
Sky line Special Equities Portfolio	\$461,152	168	No	No	No	No	No	No		
SSgA Russell 2000 Index*	\$25,715	75	Yes	Yes	No	No	No	No		
American Funds EuroPacific Growth	\$203,617	119	No	No	No	No	No	No		
Hartford International Opportunities HLS	\$754,100	109	No	No	No	No	No	No		
Mutual Discovery	\$292,811	163	No	No	No	No	No	No		
Hartford Total Return Bond HLS	\$789,237	85	No	No	No	No	No	No		
Loomis Sayles Bond	\$427,697	126	No	No	No	No	No	No		
Putnam High-Yield Advantage	\$91,270	138	No	No	No	No	No	No		
Hartford Balanced HLS	\$2,766,963	100	No	Yes	No	No	No	No		
Oakmark Equity & Income	\$528,556	140	Yes	Yes	No	No	No	No		
Templeton Foreign Fund	\$6,711	151	Yes	No	No	No	No	No		
SSgA DJ Target 2015 Fund	\$17,013	125	Yes	No	No	No	No	No		
SSgA DJ Target 2025 Fund	\$90,710	121	Yes	Yes	No	No	No	No		
SSgA DJ Target 2035 Fund	\$99,358	121	Yes	Yes	No	No	No	No		
SSgA DJ Target 2045 Fund	\$5,810	125	Yes	No	No	No	No	No		

^{*}Tracking error of 10 to 20 basis points is typical for index funds

- § The table below provides a "Suggested Action" based on the number of affirmative responses received to the questions noted above.
- Changes in Watch List designations from the previous quarter are highlighted in red. Hartford fees include a Guaranteed Death Benefit for members.

Status	Number of Criteria Met	Suggested Action
	Less than 2	Active – No action required
	2 to 3	Active - On "closely monitored" list
	4	Closed – all allocations to the fund must be stopped, but accumulated balances may remain invested
	4	Closed Out – All invested balances must be moved to another active option





Total CSP of Nebraska



Total Fund

	\$	%
First National	3,742,073,895	100.0
Direct	1,816,034,819	48.5
TD	957,154,957	25.6
Advisor	968,884,118	25.9
Α	629,741,129	16.8
С	339,142,989	9.1

	Allocation	1	Performance(%)						
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	Since Inception	Inception Date	
Direct	1,816,034,819	100.0							
Age-Based Agressive 0-5	27,294,533	1.5	2.1	9.2	5.9	11.2	8.5	01/01/2011	
Age-Based Aggressive 0-5 Benchmark			2.3	10.4	6.2	11.7	9.2		
Age-Based Aggressive 6-10	89,343,979	4.9	1.4	8.7	5.4	10.3	8.2	01/01/2011	
Age-Based Aggressive 6-10 Benchmark			1.7	9.8	5.8	10.6	8.7		
Age-Based Aggressive 11-14	137,443,361	7.6	0.7	7.3	4.7	8.2	6.8	01/01/2011	
Age-Based Aggressive 11-14 Benchmark			0.9	8.2	5.1	8.4	7.3		
Age-Based Aggressive 15-18	140,249,155	7.7	0.0	5.9	3.9	6.0	5.3	01/01/2011	
Age-Based Aggressive 15-18 Benchmark			0.2	6.8	4.2	6.2	5.7		
Age-Based Aggressive 19+	52,870,928	2.9	-0.6	4.7	3.0	3.9	3.8	01/01/2011	
Age-Based Aggressive 19+ Benchmark			-0.5	5.3	3.4	4.1	4.1		
Age-Based Growth 0-5	21,537,031	1.2	1.5	8.8	5.5	10.3	8.2	01/01/2011	
Age-Based Growth 0-5 Benchmark			1.7	9.8	5.8	10.6	8.7		
Age-Based Growth 6-10	75,796,459	4.2	0.7	7.3	4.7	8.2	6.8	01/01/2011	
Age-Based Growth 6-10 Benchmark			0.9	8.2	5.1	8.4	7.3		
Age-Based Growth 11-14	117,637,396	6.5	0.0	5.9	3.9	6.0	5.3	01/01/2011	
Age-Based Growth 11-14 Benchmark			0.2	6.8	4.2	6.2	5.3		
Age-Based Growth 15-18	133,518,309	7.4	-0.6	4.7	3.0	3.9	3.8	01/01/2011	
Age-Based Growth 15-18 Benchmark			-0.5	5.3	3.4	4.1	4.3		
Age-Based Growth 19+	53,496,177	2.9	-0.7	3.4	2.0	1.5	1.8	01/01/2011	
Age-Based Growth 19+ Benchmark			-0.6	3.8	2.4	1.5	2.0		
Age-Based Conservative 0-5	1,951,771	0.1	0.0	5.9	3.9	6.0	5.4	01/01/2011	
Age-Based Conservative 0-5 Benchmark			0.2	6.8	4.2	6.2	5.7		
Age-Based Conservative 6-10	4,066,041	0.2	-0.6	4.7	3.0	3.9	3.9	01/01/2011	
Age-Based Conservative 6-10 Benchmark			-0.5	5.3	3.4	4.1	4.1		



As of December 31, 2016

	Allocation							
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	Since Inception	Inception Date
Age-Based Conservative 11-14	5,767,084	0.3	-0.7	3.4	2.0	1.5	2.0	01/01/2011
Age-Based Conservative 11-14 Benchmark			-0.6	3.8	2.4	1.5	2.0	
Age-Based Conservative 15-18	12,592,727	0.7	-0.7	1.7	1.0	0.7	0.9	01/01/2011
Age-Based Conservative 15-18 Benchmark			-0.5	2.0	1.3	0.9	1.1	
Age-Based Conservative 19+	10,919,989	0.6	-0.3	0.4	0.3	0.2	0.2	01/01/2011
Age-Based Conservative 19+ Benchmark			-0.2	0.7	0.5	0.4	0.3	
Age-Based Index 0-5	5,133,684	0.3	0.6	7.6	4.9	8.3	6.9	01/01/2011
Age-Based Index 0-5 Benchmark			0.8	8.0	5.2	8.5	7.3	
Age-Based Index 6-10	16,948,296	0.9	-0.1	6.0	4.1	6.2	5.4	01/01/2011
Age-Based Index 6-10 Benchmark			0.2	6.4	4.4	6.4	5.8	
Age-Based Index 11-14	24,209,939	1.3	-0.7	4.5	3.3	4.0	3.7	01/01/2011
Age-Based Index 11-14 Benchmark			-0.5	5.0	3.5	4.3	4.2	
Age-Based Index 15-18	29,573,610	1.6	-0.8	3.3	2.1	1.4	1.8	01/01/2011
Age-Based Index 15-18 Benchmark			-0.5	3.8	2.6	1.8	2.1	
Age-Based Index 19+	15,492,653	0.9	-0.7	1.5	1.1	0.7	0.9	01/01/2011
Age-Based Index 19+ Benchmark			-0.5	1.9	1.3	1.0	1.2	
Growth	187,649,190	10.3	1.4	8.7	5.4	10.3	8.2	01/01/2011
Growth Benchmark			1.7	9.8	5.8	10.6	8.7	
Balanced Index	64,558,987	3.6	0.0	6.5	4.5	6.9	6.2	01/01/2011
Balanced Index Benchmark			0.2	6.9	4.9	7.1	6.4	
Conservative	23,338,310	1.3	-0.6	4.7	3.1	3.9	3.8	01/01/2011
Conservative Benchmark			-0.5	5.3	3.4	4.1	4.3	
MetWest Total Return	29,454,089	1.6	-2.8	2.2			0.5	04/01/2015
Blmbg. Barc. U.S. Aggregate			-3.0	2.6			0.9	
Vanguard Total Bond Market Index	19,648,392	1.1	-3.2	2.3	2.7	1.9	2.8	01/01/2011
Blmbg. Barc. U.S. Aggregate			-3.0	2.6	3.0	2.2	3.1	
Vanguard Short-Term Bond Index	20,082,637	1.1	-1.2	1.2	1.0	0.9	1.2	01/01/2011
Blmbg. Barc. Capital 1-5 Yr Gov/Credit Bond Index			-1.1	1.6	1.3	1.3	1.6	



As of December 31, 2016

	Allocation	Performance(%)						
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	Since Inception	Inception Date
Vanguard Short-Term Inflation-Protected Index	7,854,927	0.4	-0.3				-0.1	04/01/2016
Blmbg. Barc. Global Inflation-Linked: U.S. TIPS			-2.4				0.2	
DFA World ex-US Government Fixed Income	1,485,039	0.1	-3.3				-1.8	07/01/2016
Citigroup World Gov't Bond Index ex USA			-2.2				-2.1	
Vanguard Total Stock Market Index	74,873,780	4.1	4.0	12.3	8.1	14.3	11.9	01/01/2011
CRSP US Total Market Index			4.1	12.7	8.4	14.6	12.3	
Vanguard Equity Income	48,598,336	2.7	4.7	14.5	8.5		13.4	07/01/2012
FTSE High Dividend Yield Index			5.8	17.0	10.1		14.1	
State Street S&P 500 Index	68,296,646	3.8	3.7	11.6	8.5	14.3	12.1	01/01/2011
S&P 500 Index			3.8	12.0	8.9	14.7	12.5	
iShares Russell 2000 Growth Index ETF	29,359,906	1.6	3.6	11.0	4.9		12.8	07/01/2012
Russell 2000 Growth Index			3.6	11.3	5.1		13.2	
State Street MSCI ACWI Ex-Us Index	48,003,188	2.6	-1.5	4.0	-2.2	4.6	1.2	01/01/2011
MSCI AC World ex USA Index (Net)			-1.3	4.5	-1.8	5.0	1.6	
T. Rowe Price Large Cap Growth	45,307,928	2.5	1.7	2.5	6.8	15.5	12.5	01/01/2011
Russell 1000 Growth Index			1.0	7.1	8.6	14.5	12.4	
Vanguard Extended Market Index	51,075,506	2.8	5.5	15.8	6.2	14.3	10.7	01/01/2011
Dow Jones U.S. Completion Total Stock Market Index			5.5	15.7	6.4	14.4	11.1	
Tributary Small Company	23,849,743	1.3	9.9	24.7	9.8	14.2	11.8	01/01/2011
Russell 2000 Value Index			14.1	31.7	8.3	15.1	11.4	
Vanguard REIT Index	27,921,539	1.5	-3.0	8.1	12.8	11.5	10.9	01/01/2011
MSCI USA REIT Index			-3.0	8.6	13.2	11.9	11.3	
Goldman Sachs Financial Square Gov't Money Market	22,260,659	1.2	0.0				0.0	07/01/2016
Citigroup 3 Month T-Bill			0.1				0.2	
Bank Savings	46,572,895	2.6	0.2	0.6	0.6	0.6	0.6	11/01/2011
1 Month US Bank Deposit Index			0.2	0.6	0.3	0.3	0.3	



	Allocation	า			Performance(%	6)	
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date
TD	957,154,957	100.0					
Age-Based Aggressive 0-5	26,871,211	2.8	2.2	9.3	5.6	8.4	01/01/2011
Age-Based Aggressive 0-5 Benchmark			2.3	10.4	6.2	9.2	
Age-Based Aggressive 6-10	50,231,250	5.2	1.6	8.8	5.2	8.1	01/01/2011
Age-Based Aggressive 6-10 Benchmark			1.7	9.8	5.8	8.7	
Age-Based Aggressive 11-14	61,724,260	6.4	0.8	7.2	4.4	6.6	01/01/2011
Age-Based Aggressive 11-14 Benchmark			0.9	8.2	5.1	7.3	
Age-Based Aggressive 15-18	49,522,228	5.2	0.0	5.8	3.6	5.1	01/01/2011
Age-Based Aggressive 15-18 Benchmark			0.2	6.8	4.2	5.7	
Age-Based Aggressive 19+	14,406,213	1.5	-0.6	4.5	2.8	3.6	01/01/2011
Age-Based Aggressive 19+ Benchmark			-0.5	5.3	3.4	4.1	
Age-Based Growth 0-5	18,169,409	1.9	1.6	8.7	5.2	8.1	01/01/2011
Age-Based Growth 0-5 Benchmark			1.7	9.8	5.8	8.7	
Age-Based Growth 6-10	45,704,676	4.8	0.8	7.2	4.4	6.6	01/01/2011
Age-Based Growth 6-10 Benchmark			0.9	8.2	5.1	7.3	
Age-Based Growth 11-14	56,411,166	5.9	0.1	5.9	3.6	5.1	01/01/2011
Age-Based Growth 11-14 Benchmark			0.2	6.8	4.2	5.3	
Age-Based Growth 15-18	51,349,763	5.4	-0.6	4.5	2.8	3.6	01/01/2011
Age-Based Growth 15-18 Benchmark			-0.5	5.3	3.4	4.3	
Age-Based Growth 19+	17,340,811	1.8	-0.8	3.2	1.6	1.4	01/01/2011
Age-Based Growth 19+ Benchmark			-0.6	3.8	2.4	2.0	
Age-Based Conservative 0-5	1,659,308	0.2	0.0	5.8	3.6	5.1	01/01/2011
Age-Based Conservative 0-5 Benchmark			0.2	6.8	4.2	5.7	
Age-Based Conservative 6-10	3,030,265	0.3	-0.6	4.5	2.8	3.6	01/01/2011
Age-Based Conservative 6-10 Benchmark			-0.5	5.3	3.4	4.1	
Age-Based Conservative 11-14	4,315,327	0.5	-0.8	3.2	1.7	1.5	01/01/2011
Age-Based Conservative 11-14 Benchmark			-0.6	3.8	2.4	2.0	
Age-Based Conservative 15-18	7,070,180	0.7	-0.8	1.5	0.9	0.7	01/01/2011
Age-Based Conservative 15-18 Benchmark			-0.5	2.0	1.3	1.1	
Age-Based Conservative 19+	5,117,121	0.5	-0.3	0.1	-0.1	-0.1	01/01/2011
Age-Based Conservative 19+ Benchmark			-0.2	0.7	0.5	0.3	



	Allocation	n	Performance(%)					
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date	
Age-Based Index 0-5	5,608,320	0.6	0.5	7.4	4.7	6.9	01/01/2011	
Age-Based Index 0-5 Benchmark			8.0	8.0	5.2	7.3		
Age-Based Index 6-10	10,742,691	1.1	-0.1	5.8	3.9	5.4	01/01/2011	
Age-Based Index 6-10 Benchmark			0.2	6.4	4.4	5.8		
Age-Based Index 11-14	11,420,861	1.2	-0.7	4.3	3.1	3.7	01/01/2011	
Age-Based Index 11-14 Benchmark			-0.5	5.0	3.5	4.2		
Age-Based Index 15-18	13,824,972	1.4	-0.9	3.0	1.9	1.5	01/01/2011	
Age-Based Index 15-18 Benchmark			-0.5	3.8	2.6	2.1		
Age-Based Index 19+	7,062,926	0.7	-0.9	1.3	0.7	0.6	01/01/2011	
Age-Based Index 19+ Benchmark			-0.5	1.9	1.3	1.2		
Growth	63,135,219	6.6	1.6	8.8	5.2	8.1	01/01/2011	
Growth Benchmark			1.7	9.8	5.8	8.7		
Balanced Index	29,199,219	3.1	0.0	6.3	4.3	6.0	01/01/2011	
Balanced Index Benchmark			0.2	6.9	4.9	6.4		
Conservative	12,207,880	1.3	-0.7	4.4	2.7	3.6	01/01/2011	
Conservative Benchmark			-0.5	5.3	3.4	4.3		
MetWest Total Return	16,980,570	1.8	-2.8	2.0		0.5	03/01/2015	
Blmbg. Barc. U.S. Aggregate			-3.0	2.6		1.1		
Vanguard Total Bond Market Index	20,397,653	2.1	-3.3	2.1	2.5	1.4	07/01/2012	
Blmbg. Barc. U.S. Aggregate			-3.0	2.6	3.0	2.0		
Vanguard Short-Term Bond Index	14,878,888	1.6	-1.2	1.0	0.8	1.0	01/01/2011	
Blmbg. Barc. Capital 1-5 Yr Gov/Credit Bond Index			-1.1	1.6	1.3	1.6		
DFA World ex-US Government Fixed Income	1,514,562	0.2	-3.3			-1.9	07/01/2016	
Citigroup World Gov't Bond Index ex USA			-2.2			-2.1		
Vanguard Short-Term Inflation-Protected Index	6,142,282	0.6	-0.3			-0.1	07/01/2016	
Blmbg. Barc. Global Inflation-Linked: U.S. TIPS			-2.4			-1.5		
Vanguard Total Stock Market Index	49,493,595	5.2	4.0	12.2	7.9	11.7	01/01/2011	
CRSP US Total Market Index			4.1	12.7	8.4	12.3		
Vanguard Extended Market Index	30,228,663	3.2	5.5	15.6	6.0	13.7	07/01/2012	
Dow Jones U.S. Completion Total Stock Market Index			5.5	15.7	6.4	13.9		
Vanguard Equity Income	15,695,440	1.6	4.7	14.3	8.3	13.0	07/01/2012	
FTSE High Dividend Yield Index			5.8	17.0	10.1	14.1		
State Street S&P 500 Index	49,169,768	5.1	3.7	11.4	8.3	13.5	07/01/2012	
S&P 500 Index			3.8	12.0	8.9	14.1		



	Allocation			Performance(%)			
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date
iShares Russell 2000 Growth Index ETF	21,426,562	2.2	3.5	10.8	4.6	12.5	07/01/2012
Russell 2000 Growth Index			3.6	11.3	5.1	13.2	
Vanguard Russell 1000 Value Index	25,579,485	2.7	6.6	16.5	8.0	13.8	07/01/2012
Russell 1000 Value Index			6.7	17.3	8.6	14.4	
T. Rowe Price Large Cap Growth	31,989,672	3.3	1.6	2.3	6.6	12.3	01/01/2011
Russell 1000 Growth Index			1.0	7.1	8.6	12.4	
State Street MSCI ACWI Ex-US Index	29,343,751	3.1	-1.5	3.8	-2.4	4.3	07/01/2012
MSCI AC World ex USA Index (Net)			-1.3	4.5	-1.8	4.9	
Vanguard FTSE Emerging Markets ETF	10,300,748	1.1	-4.5	11.3	-2.3	-0.3	07/01/2012
FTSE Emerging Market Index			-2.8	13.1	-1.1	1.1	
Tributary Small Company	13,907,184	1.5	9.8	24.5	9.6	11.4	01/01/2011
Russell 2000 Index			8.8	21.3	6.7	11.1	
Russell 2000 Value Index			14.1	31.7	8.3	11.4	
Vanguard REIT Index	22,421,765	2.3	-3.1	8.0	12.6	10.2	01/01/2011
Dow Jones U.S. Select RESI			-2.5	6.6	13.7	11.3	
Goldman Sachs Financial Square Gov't Money Market	31,559,091	3.3	0.0			0.0	07/01/2016
Citigroup 3 Month T-Bill			0.1			0.2	



	Allocation	n		Performance(%)					
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date		
A	629,741,129	100.0							
Age-Based Aggressive 0-5 A	17,463,312	2.8	2.8	9.8	5.6	8.4	01/01/2011		
Age-Based Aggressive 0-5 Benchmark			2.3	10.4	6.2	9.2			
Age-Based Aggressive 6-10 A	41,906,132	6.7	2.1	9.3	5.1	8.0	01/01/2011		
Age-Based Aggressive 6-10 Benchmark			1.7	9.8	5.8	8.7			
Age-Based Aggressive 11-14 A	71,127,759	11.3	1.2	7.9	4.4	6.6	01/01/2011		
Age-Based Aggressive 11-14 Benchmark			0.9	8.2	5.1	7.3			
Age-Based Aggressive 15-18 A	59,069,253	9.4	0.4	6.4	3.6	5.1	01/01/2011		
Age-Based Aggressive 15-18 Benchmark			0.2	6.8	4.2	5.7			
Age-Based Aggressive 19+ A	25,836,334	4.1	-0.3	5.0	2.8	3.6	01/01/2011		
Age-Based Aggressive 19+ Benchmark			-0.5	5.3	3.4	4.1			
Age-Based Conservative 0-5 A	456,478	0.1	0.5	6.5	3.6	5.1	01/01/2011		
Age-Based Conservative 0-5 Benchmark			0.2	6.8	4.2	5.7			
Age-Based Conservative 6-10 A	1,025,429	0.2	-0.4	5.0	2.8	3.6	01/01/2011		
Age-Based Conservative 6-10 Benchmark			-0.5	5.3	3.4	4.1			
Age-Based Conservative 11-14 A	1,431,327	0.2	-0.5	3.6	1.8	1.6	01/01/2011		
Age-Based Conservative 11-14 Benchmark			-0.6	3.8	2.4	2.0			
Age-Based Conservative 15-18 A	2,685,253	0.4	-0.6	1.7	0.8	0.7	01/01/2011		
Age-Based Conservative 15-18 Benchmark			-0.5	2.0	1.3	1.1			
Age-Based Conservative 19+ A	2,046,040	0.3	-0.3	0.4	0.3	0.1	01/01/2011		
Age-Based Conservative 19+ Benchmark			-0.2	0.7	0.5	0.3			
Age-Based Growth 0-5 A	18,942,705	3.0	2.1	9.3	5.2	8.0	01/01/2011		
Age-Based Growth 0-5 Benchmark			1.7	9.8	5.8	8.7			
Age-Based Growth 6-10 A	36,698,466	5.8	1.2	7.9	4.4	6.6	01/01/2011		
Age-Based Growth 6-10 Benchmark			0.9	8.2	5.1	7.3			
Age-Based Growth 11-14 A	46,585,622	7.4	0.4	6.4	3.6	5.1	01/01/2011		
Age-Based Growth 11-14 Benchmark			0.2	6.8	4.2	5.3			
Age-Based Growth 15-18 A	44,551,049	7.1	-0.4	5.0	2.7	3.6	01/01/2011		
Age-Based Growth 15-18 Benchmark			-0.5	5.3	3.4	4.3			
Age-Based Growth 19+ A	20,525,735	3.3	-0.6	3.5	1.8	1.6	01/01/2011		
Age-Based Growth 19+ Benchmark			-0.6	3.8	2.4	2.0			



	Allocatio	n			Performance(%	%)	
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date
Age-Based Index 0-5 A	2,111,484	0.3	0.6	7.3	4.6	6.7	01/01/2011
Age-Based Index 0-5 Benchmark			8.0	8.0	5.2	7.3	
Age-Based Index 6-10 A	5,870,890	0.9	-0.1	5.6	3.8	5.2	01/01/2011
Age-Based Index 6-10 Benchmark			0.2	6.4	4.4	5.8	
Age-Based Index 11-14 A	6,935,773	1.1	-0.7	4.2	2.9	3.5	01/01/2011
Age-Based Index 11-14 Benchmark			-0.5	5.0	3.5	4.2	
Age-Based Index 15-18 A	8,542,246	1.4	-0.8	3.0	1.8	1.5	01/01/2011
Age-Based Index 15-18 Benchmark			-0.5	3.8	2.6	2.1	
Age-Based Index 19+ A	3,524,380	0.6	-0.7	1.3	0.8	0.6	01/01/2011
Age-Based Index 19+ Benchmark			-0.5	1.9	1.3	1.2	
Growth A	98,033,827	15.6	2.1	9.3	5.2	8.0	01/01/2011
Growth Benchmark			1.7	9.8	5.8	8.7	
Balanced Index A	26,369,230	4.2	-0.1	6.1	4.2	5.8	01/01/2011
Balanced Index Benchmark			0.2	6.9	4.9	6.4	
Conservative A	6,748,906	1.1	-0.4	4.8	2.7	3.6	01/01/2011
Conservative Benchmark			-0.5	5.3	3.4	4.3	
Federated Total Return Bond A	1,400,960	0.2	-2.3	4.4	2.8	3.1	01/01/2011
Blmbg. Barc. U.S. Aggregate			-3.0	2.6	3.0	3.1	
iShares Core US Aggregate ETF A	2,157,471	0.3	-3.1			-2.8	07/01/2016
Blmbg. Barc. U.S. Aggregate			-3.0			-2.5	
Vanguard Short-Term Bond ETF A	1,822,630	0.3	-1.4	0.7	0.6	0.5	07/01/2012
Blmbg. Barc. Capital 1-5 Yr Gov/Credit Bond Index			-1.1	1.6	1.3	1.2	
DFA World ex-US Government Fixed Income A	313,079	0.0	-3.4			-2.0	07/01/2016
Citigroup World Gov't Bond Index ex USA			-2.2			-2.1	
MetWest Total Return A	4,245,730	0.7	-2.8	1.9		0.4	03/01/2015
Blmbg. Barc. U.S. Aggregate			-3.0	2.6		1.1	
Vanguard Short-Term Inflation-Protected ETF A	716,244	0.1	-0.3			-0.1	07/01/2016
Blmbg. Barc. Global Inflation-Linked: U.S. TIPS			-2.4			-1.5	
iShares Russell 2000 Growth Index ETF A	4,087,182	0.6	3.5	5.1	2.8	11.3	07/01/2012
Russell 2000 Growth Index			3.6	11.3	5.1	13.2	
American Funds The Income Fund of America A	189,780	0.0	1.5			3.4	07/01/2016
S&P 500 Index			3.8			7.8	
State Street S&P 500 Index A	8,185,869	1.3	3.7	11.4	8.3	11.9	01/01/2011
S&P 500 Index			3.8	12.0	8.9	12.5	



	Allocation	า			Performance(%	6)	
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date
Vanguard Extended Market ETF A	6,399,003	1.0	5.5	15.3	5.8	13.4	07/01/2012
Dow Jones U.S. Completion Total Stock Market Index			5.5	15.7	6.4	13.9	
Vanguard Total Stock Market Index ETF A	9,263,553	1.5	4.0	12.0	7.7	11.3	01/01/2011
CRSP US Total Market Index			4.1	12.7	8.4	12.3	
T. Rowe Price Large Cap Growth A	9,221,806	1.5	1.6	2.3	6.6	12.2	01/01/2011
Russell 1000 Growth Index			1.0	7.1	8.6	12.4	
SPDR S&P Dividend ETF A	2,985,296	0.5	2.8	19.2	9.9	14.2	07/01/2012
Russell 1000 Index			3.8	12.1	8.6	14.2	
State Street MSCI ACWI Ex-US Index A	5,787,002	0.9	-1.6	-3.6	-4.8	-0.3	01/01/2011
MSCI AC World ex USA Index (Net)			-1.3	4.5	-1.8	1.6	
Vanguard FTSE Emerging Markets ETF A	1,303,997	0.2	-4.5	11.3	-2.4	0.0	07/01/2012
FTSE Emerging Market Index			-2.8	13.1	-1.1	1.1	
Tributary Small Company A	3,413,119	0.5	9.8	24.5	9.6	11.5	01/01/2011
Russell 2000 Value Index			14.1	31.7	8.3	11.4	
Vanguard REIT Index ETF A	2,813,116	0.4	-2.8	17.3	15.5	11.8	01/01/2011
MSCI USA REIT Index			-3.0	8.6	13.2	11.3	
Goldman Sachs Financial Square Gov't Money Market A	4,808,440	0.8	0.0			0.0	07/01/2016
Citigroup 3 Month T-Bill			0.1			0.2	
Bank Savings A	6,761,705	1.1	0.2	0.5	0.5	0.5	11/01/2011
1 Month US Bank Deposit Index			0.2	0.6	0.3	0.3	
Dodge & Cox Stock A	5,377,519	0.9	10.6	20.6	8.0	11.0	10/01/2013
Russell 1000 Value Index			6.7	17.3	8.6	11.1	



	Allocation	n			Performance(%	%)	
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date
С	339,142,989	100.0					
Age-Based Aggressive 0-5 C	5,775,609	1.7	2.6	9.0	4.8	7.6	01/01/2011
Age-Based Aggressive 0-5 Benchmark			2.3	10.4	6.2	9.2	
Age-Based Aggressive 6-10 C	12,058,282	3.6	1.9	8.5	4.4	7.2	01/01/2011
Age-Based Aggressive 6-10 Benchmark			1.7	9.8	5.8	8.7	
Age-Based Aggressive 11-14 C	28,612,031	8.4	1.1	7.0	3.7	5.8	01/01/2011
Age-Based Aggressive 11-14 Benchmark			0.9	8.2	5.1	7.3	
Age-Based Aggressive 15-18 C	35,950,250	10.6	0.3	5.7	2.8	4.3	01/01/2011
Age-Based Aggressive 15-18 Benchmark			0.2	6.8	4.2	5.7	
Age-Based Aggressive 19+ C	14,842,247	4.4	-0.6	4.2	2.0	2.8	01/01/2011
Age-Based Aggressive 19+ Benchmark			-0.5	5.3	3.4	4.1	
Age-Based Growth 0-5 C	5,654,498	1.7	1.9	8.5	4.4	7.2	01/01/2011
Age-Based Growth 0-5 Benchmark			1.7	9.8	5.8	8.7	
Age-Based Growth 6-10 C	14,994,723	4.4	1.0	7.0	3.7	5.8	01/01/2011
Age-Based Growth 6-10 Benchmark			0.9	8.2	5.1	7.3	
Age-Based Growth 11-14 C	24,931,346	7.4	0.3	5.7	2.8	4.3	01/01/2011
Age-Based Growth 11-14 Benchmark			0.2	6.8	4.2	5.3	
Age-Based Growth 15-18 C	32,020,113	9.4	-0.6	4.2	2.0	2.8	01/01/2011
Age-Based Growth 15-18 Benchmark			-0.5	5.3	3.4	4.3	
Age-Based Growth 19+ C	11,544,442	3.4	-0.8	2.8	1.0	0.9	01/01/2011
Age-Based Growth 19+ Benchmark			-0.6	3.8	2.4	2.0	
Age-Based Conservative 0-5 C	196,972	0.1	0.3	5.6	2.8	4.3	01/01/2011
Age-Based Conservative 0-5 Benchmark			0.2	6.8	4.2	5.7	
Age-Based Conservative 6-10 C	586,389	0.2	-0.6	4.2	2.0	2.8	01/01/2011
Age-Based Conservative 6-10 Benchmark			-0.5	5.3	3.4	4.1	
Age-Based Conservative 11-14 C	490,860	0.1	-0.8	2.8	1.0	0.9	01/01/2011
Age-Based Conservative 11-14 Benchmark			-0.6	3.8	2.4	2.0	
Age-Based Conservative 15-18 C	2,147,703	0.6	-0.8	0.8	0.0	-0.1	01/01/2011
Age-Based Conservative 15-18 Benchmark			-0.5	2.0	1.3	1.1	
Age-Based Conservative 19+ C	1,955,305	0.6	-0.3	0.4	0.3	0.1	01/01/2011
Age-Based Conservative 19+ Benchmark			-0.2	0.7	0.5	0.3	



	Allocatio	n			Performance(%	6)	
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date
Age-Based Index 0-5 C	1,389,489	0.4	0.4	6.5	3.8	5.9	01/01/2011
Age-Based Index 0-5 Benchmark			0.8	8.0	5.2	7.3	
Age-Based Index 6-10 C	3,208,142	0.9	-0.2	4.9	3.0	4.4	01/01/2011
Age-Based Index 6-10 Benchmark			0.2	6.4	4.4	5.8	
Age-Based Index 11-14 C	2,851,014	0.8	-0.9	3.4	2.1	2.8	01/01/2011
Age-Based Index 11-14 Benchmark			-0.5	5.0	3.5	4.2	
Age-Based Index 15-18 C	4,022,020	1.2	-1.0	2.2	1.1	0.7	01/01/2011
Age-Based Index 15-18 Benchmark			-0.5	3.8	2.6	2.1	
Age-Based Index 19+ C	2,179,725	0.6	-0.9	0.5	0.0	-0.2	01/01/2011
Age-Based Index 19+ Benchmark			-0.5	1.9	1.3	1.2	
Growth C	48,389,194	14.3	1.9	8.5	4.4	7.2	01/01/2011
Growth Benchmark			1.7	9.8	5.8	8.7	
Balanced Index C	21,646,936	6.4	-0.2	5.3	3.4	5.1	01/01/2011
Balanced Index Benchmark			0.2	6.9	4.9	6.4	
Conservative C	3,946,405	1.2	-0.6	4.0	2.0	2.8	01/01/2011
Conservative Benchmark			-0.5	5.3	3.4	4.3	
Federated Total Return Bond C	805,841	0.2	-2.6	3.6	2.0	2.3	01/01/2011
Blmbg. Barc. U.S. Aggregate			-3.0	2.6	3.0	3.1	
MetWest Total Return C	5,552,594	1.6	-2.9	1.3		-0.3	03/01/2015
Blmbg. Barc. U.S. Aggregate			-3.0	2.6		1.1	
Vanguard Short-Term Inflation-Protected ETF C	694,540	0.2	-0.6			-0.5	07/01/2016
Blmbg. Barc. Global Inflation-Linked: U.S. TIPS			-2.4			-1.5	
iShares Core US Aggregate ETF C	1,856,506	0.5	-3.4			-3.3	07/01/2016
Blmbg. Barc. U.S. Aggregate			-3.0			-2.5	
Vanguard Short-Term Bond ETF C	1,861,274	0.5	-1.5	0.0	-0.1	-0.3	07/01/2012
Blmbg. Barc. Capital 1-5 Yr Gov/Credit Bond Index			-1.1	1.6	1.3	1.2	
DFA World ex-US Government Fixed Income C	134,382	0.0	-3.5			-2.3	07/01/2016
Citigroup World Gov't Bond Index ex USA			-2.2			-2.1	
iShares Russell 2000 Growth Index ETF C	2,741,974	0.8	3.4	4.4	2.1	10.4	07/01/2012
Russell 2000 Growth Index			3.6	11.3	5.1	13.2	
Vanguard Extended Market ETF C	3,935,144	1.2	5.3	14.5	5.0	12.5	07/01/2012
Dow Jones U.S. Completion Total Stock Market Index			5.5	15.7	6.4	13.9	
Vanguard Total Stock Market Index ETF C	4,972,113	1.5	3.8	11.2	6.9	10.5	01/01/2011
CRSP US Total Market Index			4.1	12.7	8.4	12.3	



	Allocation	า		Performance(%)				
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	Since Inception	Inception Date	
American Funds The Income Fund of America C	115,136	0.0	1.3			3.0	07/01/2016	
S&P 500 Index			3.8			7.8		
State Street S&P 500 Index C	4,382,307	1.3	3.5	10.5	7.4	11.0	01/01/2011	
S&P 500 Index			3.8	12.0	8.9	12.5		
T. Rowe Price Large Cap Growth C	5,909,550	1.7	1.4	1.5	5.8	11.4	01/01/2011	
Russell 1000 Growth Index			1.0	7.1	8.6	12.4		
SPDR S&P Dividend ETF C	2,192,342	0.6	2.7	18.3	9.1	13.4	07/01/2012	
Russell 1000 Value Index			6.7	17.3	8.6	14.4		
State Street MSCI ACWI Ex-US Index C	4,852,070	1.4	-1.7	-4.3	-5.5	-1.1	01/01/2011	
MSCI AC World ex USA Index (Net)			-1.3	4.5	-1.8	1.6		
Vanguard FTSE Emerging Markets ETF C	820,669	0.2	-4.7	10.5	-3.1	-0.7	07/01/2012	
FTSE Emerging Market Index			-2.8	13.1	-1.1	1.1		
Tributary Small Company C	2,389,202	0.7	9.6	17.4	6.9	9.8	01/01/2011	
Russell 2000 Value Index			14.1	31.7	8.3	11.4		
Vanguard REIT Index ETF C	1,643,213	0.5	-3.0	16.4	14.6	10.9	01/01/2011	
MSCI USA REIT Index			-3.0	8.6	13.2	11.3		
Goldman Sachs Financial Square Gov't Money Market C	2,794,724	0.8	0.0			0.0	07/01/2016	
Citigroup 3 Month T-Bill			0.1			0.2		
Bank Savings C	7,688,039	2.3	0.2	0.7	0.6	0.6	11/01/2011	
1 Month US Bank Deposit Index			0.2	0.6	0.3	0.3		
Dodge & Cox Stock C	4,407,673	1.3	10.4	19.7	7.2	10.2	10/01/2013	
Russell 1000 Value Index			6.7	17.3	8.6	11.1		



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
State Street S&P 500 Index	12.0%	14.0%	22.0%	32.0%	36.0%
Vanguard Equity Income	2.0	7.0	9.0	10.0	11.0
T. Rowe Price Large Cap Growth	2.0	7.0	9.0	10.0	11.0
Vanguard Extended Market Index	1.0	1.0	1.0	2.0	2.0
Tributary Small Company	0.5	1.5	2.5	3.0	4.0
iShares Russell 2000 Growth ETF	0.5	1.5	2.5	3.0	4.0
International Equity					
State Street MSCI ACWI ex USA Index	5.0	10.0	15.0	20.0	22.0
U.S. Fixed Income					
MetWest Total Return Bond	10.0	10.0	9.0	5.0	
Vanguard Total Bond Market Index	18.0	15.0	13.0	8.0	5.0
Vanguard Short-Term Bond Index	17.0	13.0	6.0		
Vanguard Short-Term Inflation-Protected Index	5.0				
International Fixed Income					
DFA World ex-US Government Fixed Income	4.0	4.0	3.0	2.0	
U.S. Real Estate					
Vanguard REIT Index	2.0	3.0	4.0	5.0	5.0
Cash					
Bank Savings	10.0	6.0			
Goldman Sachs Financial Sq. Money Gov't MM	11.0	7.0	4.0		
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
State Street S&P 500 Index	8.0%	12.0%	14.0%	22.0%	32.0%
Vanguard Equity Income	1.0	2.0	7.0	9.0	10.0
T. Rowe Price Large Cap Growth	1.0	2.0	7.0	9.0	10.0
Vanguard Extended Market Index	1.0	1.0	1.0	1.0	2.0
Tributary Small Company		0.5	1.5	2.5	3.0
iShares Russell 2000 Growth ETF		0.5	1.5	2.5	3.0
International Equity					
State Street MSCI ACWI ex USA Index	3.0	5.0	10.0	15.0	20.0
U.S. Fixed Income					
MetWest Total Return Bond	9.0	10.0	10.0	9.0	5.0
Vanguard Total Bond Market	16.0	18.0	15.0	13.0	8.0
Vanguard Short-Term Bond Index	15.0	17.0	13.0	6.0	
Vanguard Short-Term Inflation Protected Index	9.0	5.0			
International Fixed Income					
DFA ex-US Governement Fixed Income	3.0	4.0	4.0	3.0	2.0
U.S. Real Estate					
Vanguard REIT Index	1.0	2.0	3.0	4.0	5.0
Cash					
Bank Savings	15.0	10.0	6.0		
Goldman Sachs Financial Sq. Gov't MM	18.0	11.0	7.0	4.0	
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
State Street S&P 500 Index		4.0%	8.0%	12.0%	14.0%
Vanguard Equity Income			1.0	2.0	7.0
T. Rowe Price Large Cap Growth			1.0	2.0	7.0
Vanguard Extended Market Index			1.0	1.0	1.0
Tributary Small Company				0.5	1.5
iShares Russell 2000 Growth ETF				0.5	1.5
International Equity					
State Street MSCI ACWI ex USA Index		1.0	3.0	5.0	10.0
U.S. Fixed Income					
MetWest Total Return Bond		5.0	9.0	10.0	10.0
Vanguard Total Bond Market		10.0	16.0	18.0	15.0
Vanguard Short-Term Bond Index	25.0%	18.0	15.0	17.0	13.0
Vanguard Short-Term Inflation Protected Index		5.0	9.0	5.0	
International Fixed Income					
DFA ex-US Governement Fixed Income		2.0	3.0	4.0	4.0
U.S. Real Estate					
Vanguard REIT Index			1.0	2.0	3.0
Cash					
Bank Savings	30.0	20.0	15.0	10.0	6.0
Goldman Sachs Financial Sq. Gov't MM	45.0	35.0	18.0	11.0	7.0
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	19+ Years 15-18 Years 11-14 Years			6-10 Years	0-5 Years
U.S. Equity					
State Street S&P 500 Index	4.0%	10.0%	16.0%	28.0%	40.0%
Vanguard Equity Income					
T. Rowe Price Large Cap Growth					
Vanguard Extended Market Index		1.0	2.0	4.0	6.0
Tributary Small Company					
iShares Russell 2000 Growth ETF					
International Equity					
State Street MSCI ACWI ex USA Index	1.0	3.0	5.0	10.0	15.0
U.S. Fixed Income					
MetWest Total Return Bond					
Vanguard Total Bond Market Index	15.0	25.0	28.0	25.0	22.0
Vanguard Short-Term Bond Index	18.0	15.0	17.0	13.0	6.0
Vanguard Short-Term Inflation Protected Index	5.0	9.0	5.0		
International Fixed Income					
DFA ex-US Governement Fixed Income	2.0	3.0	4.0	4.0	3.0
U.S. Real Estate					
Vanguard REIT Index		1.0	2.0	3.0	4.0
Cash					
Bank Savings	20.0	15.0	10.0	6.0	
Goldman Sachs Financial Sq. Gov't MM	35.0	18.0	11.0	7.0	4.0
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	Conservative	Balanced	Growth
U.S. Equity			
State Street S&P 500 Index	12.0%	32.0%	32.0%
Vanguard Equity Income	2.0		10.0
T. Rowe Price Large Cap Growth	2.0		10.0
Vanguard Extended Market Index	2.0	4.0	2.0
Tributary Small Company			3.0
iShares Russell 2000 Growth ETF			3.0
International Equity			
State Street MSCI ACWI ex USA Index	5.0	10.0	20.0
U.S. Fixed Income			
MetWest Total Return Bond	10.0		5.0
Vanguard Total Bond Market Index	18.0	28.0	8.0
Vanguard Short-Term Bond Index	17.0	15.0	
Vanguard Short-Term Inflation Protected Index	5.0		
International Fixed Income			
DFA ex-US Governement Fixed Income	4.0	2.0	2.0
U.S. Real Estate			
Vanguard REIT Index	2.0	4.0	5.0
Cash			
Bank Savings	10.0		
Goldman Sachs Financial Sq. Gov't MM	11.0	5.0	
Total Fund Assets	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
Vanguard Russell 1000 Value Index	2.0%	7.0%	9.0%	10.0%	11.0%
T. Rowe Price Large Cap Growth	2.0	7.0	9.0	10.0	11.0
State Street S&P 500 Index	12.0	14.0	22.0	32.0	36.0
Vanguard Extended Market Index	1.0	1.0	1.0	2.0	2.0
Tributary Small Company	0.5	1.5	2.5	3.0	4.0
iShares Russell 2000 Growth ETF	0.5	1.5	2.5	3.0	4.0
International Equity					
State Street MSCI ACWI ex USA Index	5.0	10.0	15.0	20.0	22.0
U.S. Fixed Income					
MetWest Total Return Bond	10.0	10.0	9.0	5.0	
Vanguard Total Bond Market Index	18.0	15.0	13.0	8.0	5.0
Vanguard Short-Term Bond Index	22.0	16.0	6.0		
Vanguard Short-Term Inflation Protected Index	5.0				
International Fixed Income					
DFA World ex-US Government Fixed Income	4.0	4.0	3.0	2.0	
U.S. Real Estate					
Vanguard REIT Index	2.0	3.0	4.0	5.0	5.0
Cash					
Goldman Sachs Financial Sq. Gov't MM	16.0	10.0	4.0		
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	42.14	45.40.4			
	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
Vanguard Russell 1000 Value Index	1.0%	2.0%	7.0%	9.0%	10.0%
T. Rowe Price Large Cap Growth	1.0	2.0	7.0	9.0	10.0
State Street S&P 500 Index	8.0	12.0	14.0	22.0	32.0
Vanguard Extended Market Index	1.0	1.0	1.0	1.0	2.0
Tributary Small Company		0.5	1.5	2.5	3.0
iShares Russell 2000 Growth ETF		0.5	1.5	2.5	3.0
International Equity					
State Street MSCI ACWI ex USA Index	3.0	5.0	10.0	15.0	20.0
U.S. Fixed Income					
MetWest Total Return Bond	9.0	10.0	10.0	9.0	5.0
Vanguard Total Bond Market Index	16.0	18.0	15.0	13.0	8.0
Vanguard Short-Term Bond Index	22.0	22.0	16.0	6.0	
Vanguard Short-Term Inflation Protected Index	9.0				
International Fixed Income					
DFA World ex-US Government Fixed Income	3.0	4.0	4.0	3.0	2.0
U.S. Real Estate					
Vanguard REIT Index	1.0	2.0	3.0	4.0	5.0
Cash					
Goldman Sachs Financial Sq. Gov't MM	26.0	16.0	10.0	4.0	-
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
Vanguard Russell 1000 Value Index			1.0%	2.0%	7.0%
T. Rowe Price Large Cap Growth			1.0	2.0	7.0
State Street S&P 500 Index		4.0%	8.0	12.0	14.0
Vanguard Extended Market Index			1.0	1.0	1.0
Tributary Small Company				0.5	1.5
iShares Russell 2000 Growth ETF				0.5	1.5
International Equity					
State Street MSCI ACWI ex USA Index		1.0	3.0	5.0	10.0
U.S. Fixed Income					
MetWest Total Return Bond		5.0	9.0	10.0	10.0
Vanguard Total Bond Market Index		10.0	16.0	18.0	15.0
Vanguard Short-Term Bond Index	25.0%	28.0	22.0	22.0	16.0
Vanguard Short-Term Inflation Protected Index		5.0	9.0	5.0	
International Fixed Income					
DFA World ex-US Government Fixed Income		2.0	3.0	4.0	4.0
U.S. Real Estate					
Vanguard REIT Index			1.0	2.0	3.0
Cash					
Goldman Sachs Financial Sq. Gov't MM	75.0	45.0	26.0	16.0	10.0
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
Vanguard Russell 1000 Value Index					
T. Rowe Price Large Cap Growth					
State Street S&P 500 Index	4.0%	10.0%	16.0%	28.0%	40.0%
Vanguard Extended Market Index		1.0	2.0	4.0	6.0
Tributary Small Company					
iShares Russell 2000 Growth ETF					
International Equity					
State Street MSCI ACWI ex USA Index	1.0	3.0	5.0	10.0	15.0
U.S. Fixed Income					
MetWest Total Return Bond					
Vanguard Total Bond Market Index	15.0	25.0	28.0	25.0	22.0
Vanguard Short-Term Bond Index	28.0	22.0	22.0	16.0	6.0
Vanguard Short-Term Inflation Protected Index	5.0	9.0	5.0		
International Fixed Income					
DFA World ex-US Government Fixed Income	2.0	3.0	4.0	4.0	3.0
U.S. Real Estate					
Vanguard REIT Index		1.0	2.0	3.0	4.0
Cash					
Goldman Sachs Financial Sq. Gov't MM	45.0	26.0	16.0	10.0	4.0
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	Conservative	Balanced	Growth
U.S. Equity			
Vanguard Russell 1000 Value Index	2.0%		10.0%
T. Rowe Price Large Cap Growth	2.0		10.0
State Street S&P 500 Index	12.0	32.0%	32.0
Vanguard Extended Market Index	2.0	4.0	2.0
Tributary Small Company			3.0
iShares Russell 2000 Growth ETF			3.0
International Equity			
State Street MSCI ACWI ex USA Index	5.0	10.0	20.0
U.S. Fixed Income			
MetWest Total Return Bond	10.0		5.0
Vanguard Total Bond Market Index	18.0	28.0	8.0
Vanguard Short-Term Bond Index	22.0	15.0	
Vanguard Short-Term Inflation Protected Index	5.0		
International Fixed Income			
DFA World ex-US Government Fixed Income	4.0	2.0	2.0
U.S. Real Estate			
Vanguard REIT Index	2.0	4.0	5.0
Cash			
Goldman Sachs Financial Sq. Gov't MM	16.0	5.0	
Total Fund Assets	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
State Street S&P 500 Index	12.0%	14.0%	22.0%	32.0%	36.0%
Dodge & Cox Stock	2.0	7.0	9.0	10.0	11.0
T. Rowe Price Large Cap Growth	2.0	7.0	9.0	10.0	11.0
Vanguard Extended Market ETF	1.0	1.0	1.0	2.0	2.0
Tributary Small Company	0.5	1.5	2.5	3.0	4.0
iShares Russell 2000 Growth ETF	0.5	1.5	2.5	3.0	4.0
International Equity					
State Street MSCI ACWI ex USA Index	5.0	10.0	15.0	20.0	22.0
U.S. Fixed Income					
MetWest Total Return Bond	10.0	10.0	9.0	3.0	
Federated Total Return Bond	18.0	15.0	13.0	5.0	5.0
iShares Core US Aggregate ETF					
Vanguard Short-Term Inflation Protected ETF	5.0			5.0	
Vanguard Short-Term Bond ETF	17.0	13.0	6.0		
International Fixed Income					
DFA World ex-US Government Fixed Income	4.0	4.0	3.0	2.0	
U.S. Real Estate					
Vanguard REIT ETF	2.0	3.0	4.0	5.0	5.0
Cash					
Bank Savings	10.0	6.0			
Goldman Sachs Financial Sq Gov't MM	11.0	7.0	4.0		
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
State Street S&P 500 Index	8.0%	12.0%	14.0	22.0%	32.0%
Dodge & Cox Stock	1.0	2.0	7.0	9.0	10.0
T. Rowe Price Large Cap Growth	1.0	2.0	7.0	9.0	10.0
Vanguard Extended Market ETF	1.0	1.0	1.0	1.0	2.0
Tributary Small Company		0.5	1.5	2.5	3.0
iShares Russell 2000 Growth ETF		0.5	1.5	2.5	3.0
International Equity					
State Street MSCI ACWI ex USA Index	3.0	5.0	10.0	15.0	20.0
U.S. Fixed Income					
MetWest Total Return Bond	9.0	10.0	10.0	9.0	3.0
Federated Total Return Bond	16.0	18.0	15.0	13.0	5.0
iShares Core US Aggregate ETF					
Vanguard Short-Term Inflation-Protected ETF	9.0	5.0			5.0
Vanguard Short-Term Bond ETF	15.0	17.0	13.0	6.0	
International Fixed Income					
DFA World ex-US Government Fixed Income	3.0	4.0	4.0	3.0	2.0
U.S. Real Estate					
Vanguard REIT ETF	1.0	2.0	3.0	4.0	5.0
Cash					
Bank Savings	15.0	10.0	6.0		
Goldman Sachs Financial Sq Gov't MM	18.0	11.0	7.0	4.0	
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
State Street S&P 500 Index		4.0%	8.0%	12.0%	14.0%
Dodge & Cox Stock			1.0	2.0	7.0
T. Rowe Price Large Cap Growth			1.0	2.0	7.0
Vanguard Extended Market ETF			1.0	1.0	1.0
Tributary Small Company				0.5	1.5
iShares Russell 2000 Growth ETF				0.5	1.5
International Equity					
State Street MSCI ACWI ex USA Index		1.0	3.0	5.0	10.0
U.S. Fixed Income					
MetWest Total Return Bond		5.0	9.0	10.0	10.0
Federated Total Return Bond		10.0	16.0	18.0	15.0
iShares Core US Aggregate ETF					
Vanguard Short-Term Inflation-Protected ETF		5.0	9.0	5.0	
Vanguard Short-Term Bond ETF	25.0%	18.0	15.0	17.0	13.0
International Fixed Income					
DFA World ex-US Government Fixed Income		2.0	3.0	4.0	4.0
U.S. Real Estate					
Vanguard REIT ETF			1.0	2.0	3.0
Cash					
Bank Savings	30.0	20.0	15.0	10.0	6.0
Goldman Sachs Financial Sq. Gov't MM	45.0	35.0	18.0	11.0	7.0
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	19+ Years	15-18 Years	11-14 Years	6-10 Years	0-5 Years
U.S. Equity					
State Street S&P 500 Index	4.0%	10.0%	16.0%	28.0%	40.0%
Dodge & Cox Stock					
T. Rowe Price Large Cap Growth					
Vanguard Extended Market ETF		1.0	2.0	4.0	6.0
Tributary Small Company					
iShares Russell 2000 Growth ETF					
International Equity					
State Street MSCI ACWI ex USA Index	1.0	3.0	5.0	10.0	15.0
U.S. Fixed Income					
MetWest Total Return Bond					
Federated Total Return Bond					
iShares Core US Aggregate ETF	15.0	25.0	28.0	25.0	22.0
Vanguard Short-Term Inflation-Protected ETF	5.0	9.0	5.0		
Vanguard Short- Term Bond ETF	18.0	15.0	17.0	13.0	6.0
International Fixed Income					
DFA World ex-US Government Fixed Income	2.0	3.0	4.0	4.0	3.0
U.S. Real Estate					
Vanguard REIT ETF		1.0	2.0	3.0	4.0
Cash					
Bank Savings	20.0	15.0	10.0	6.0	
Goldman Sachs Financial Sq. Gov't MM	35.0	18.0	11.0	7.0	4.0
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%



	Conservative	Balanced	Growth
U.S. Equity			
State Street S&P 500 Index	12.0%	32.0%	32.0%
Dodge & Cox Stock	2.0		10.0
T. Rowe Price Large Cap Growth	2.0		10.0
Vanguard Extended Market ETF	2.0	4.0	2.0
Tributary Small Company			3.0
iShares Russell 2000 Growth ETF			3.0
International Equity			
State Street MSCI ACWI ex USA Index	5.0	10.0	20.0
U.S. Fixed Income			
MetWest Total Return Bond	10.0		5.0
Federated Total Return Bond	18.0		8.0
iShares Core US Aggregate ETF		28.0	
Vanguard Short-Term Bond ETF	17.0	15.0	
Vanguard Short-Term Inflation-Protected ETF	5.0		
International Fixed Income			
DFA World ex-US Government Fixed Income	4.0	2.0	2.0
U.S. Real Estate			
Vanguard REIT ETF	2.0	4.0	5.0
Cash			
Bank Savings	10.0		
Goldman Sachs Financial Sq. Gov't MM	11.0	5.0	
Total Fund Assets	100.0%	100.0%	100.0%



CSP of Nebraska

Investment Watchlist Summary

CSP of Nebraska: First National Direct Plan Investment Watchlist Summary

	Tota	ıl Plan Assets	Annual Fees (bps)	1 Underperformed During Trailing 3 Years	2 Underperformed in 3 of 4 Trailing Calendar Quarters	3 Diverged from Strategy and/or Portfolio Characteristics	4 Adverse Change in Portfolio Manager	5 Weak Manager Research Rating	6 Significant Organizational Change	Watch Lis 4th Quarter 2016	st Status 3rd Quarter 2016
Vanguard Real Estate Index*	\$	27,921,539	10	Yes	Yes	No	No	No	No		
Tributary Small Company	\$	23,849,743	118	No	Yes	No	No	No	No		
iShares Russell 2000 Growth Index ETF*	\$	29,359,906	25	No	No	No	No	No	No		
State Street S&P 500 Index*	\$	68,296,646	1.75	Yes	Yes	No	No	No	No		
Vanguard Equity Income Fund	\$	48,598,336	17	Yes	Yes	No	No	No	No		
T. Rowe Price Large Cap Growth	\$	45,307,928	65	Yes	No	No	No	No	No		
Vanguard Extended Market Index Fund*	\$	51,075,506	7	No	No	No	No	No	No		
Vanguard Total Stock Market Index*	\$	74,873,780	4	Yes	Yes	No	Yes	No	No		
State Street MSCI ACWI Ex-US Index*	\$	48,003,188	9	Yes	Yes	No	No	No	No		
Vanguard Short-Term Inflation Protected Index*	\$	7,854,927	5	n/a	n/a	No	Yes	No	No		
MetWest Total Return Fund	\$	29,454,089	39	n/a	No	No	No	No	No		
Vanguard Total Bond Market Index*	\$	19,648,392	5	No	No	No	No	No	No		
Vanguard Short Term Bond Index*	\$	20,082,637	6	Yes	Yes	No	No	No	No		
Goldman Sachs Financial Square Gov't Money Market	\$	22,260,659	18	n/a	n/a	No	No	No	No		
DFA World ex-US Government Fixed Income	\$	1,485,039	20	n/a	n/a	No	No	No	No		

^{*}Tracking error of 10 to 20 basis points is typical for index funds

[§] Changes in Watch List designations from the previous quarter are highlighted in red.

Status	Number of Criteria Met	Suggested Action
	Less than 2	Active – No action required
	2 to 3	Active – On "closely monitored" list
	4	Closed – all allocations to the fund must be stopped, but accumulated balances may remain invested
	Greater than 4	Closed Out – All invested balances must be moved to another active option



The table below provides a "Suggested Action" based on the number of affirmative responses received to the questions noted above.

CSP of Nebraska

Investment Watchlist Summary

CSP of Nebraska: First National TD Ameritrade Plan Investment Watchlist Summary

	Total Plan Assets	Annual Fees (bps)	1 Underperformed During Trailing 3 Years	2 Underperformed in 3 of 4 Trailing Calendar Quarters	3 Diverged from Strategy and/or Portfolio Characteristics	4 Adverse Change in Portfolio Manager	5 Weak Manager Research Rating	6 Significant Organizational Change	Watch Li 4th Quarter 2016	3rd Quarter 2016
Vanguard Real Estate Index*	\$ 22,421,765	10	Yes	No	No	No	No	No		
Tributary Small Company	\$ 13,907,184	118	No	Yes	No	No	No	No		
iShares Russell 2000 Growth Index ETF*	\$ 21,426,562	25	Yes	Yes	No	No	No	No		
State Street S&P 500 Index*	\$ 49,169,768	1.75	Yes	Yes	No	No	No	No		
Vanguard Equity Income Fund	\$ 15,695,440	17	Yes	Yes	No	No	No	No		
T. Rowe Price Large Cap Growth	\$ 31,989,672	65	Yes	No	No	No	No	No		
Vanguard Russell 1000 Value Index*	\$ 25,579,485	12	Yes	Yes	No	No	No	No		
Vanguard Extended Market Index*	\$ 30,228,663	7	Yes	No	No	No	No	No		
Vanguard Total Stock Market Index*	\$ 49,493,595	4	Yes	No	No	Yes	No	No		
State Street MSCI ACWI Ex-US Index*	\$ 29,343,751	9	Yes	Yes	No	No	No	No		
Vanguard FTSE Emerging Markets ETF*	\$ 10,300,748	15	No	No	No	No	No	No		
DFAWorld ex-US Government Fixed Income	\$ 1,514,562	20	n/a	n/a	No	No	No	No		
MetWest Total Return Fund	\$ 16,980,570	39	n/a	No	No	No	No	No		
Vanguard Total Bond Market Index*	\$ 20,397,653	5	No	No	No	No	No	No		
Goldman Sachs Financial Square Gov't Money Market	\$ 31,559,091	18	n/a	n/a	No	No	No	No		
Vanguard Short Term Bond Index*	\$ 14,878,888	6	Yes	Yes	No	No	No	No		
Vanguard Short-Term Inflation-Protected Index	\$ 6,142,282	5	n/a	n/a	No	No	No	No		

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The table below provides a "Suggested Action" based on the number of affirmative responses received to the questions noted above.

CSP of Nebraska

Investment Watchlist Summary

CSP of Nebraska: First National Advisor Plan Investment Watchlist Summary

	Total Plan Assets	Annual Fees (bps)	1 Underperformed During Trailing 3 Years	2 Underperformed in 3 of 4 Trailing Calendar Quarters	3 Diverged from Strategy and/or Portfolio Characteristics	4 Adverse Change in Portfolio Manager	5 Weak Manager Research Rating	6 Significant Organizational Change	Watch Li 4th Quarter 2016	st Status 3rd Quarter 2016
Vanguard Real Estate Index ETF*	\$ 4,456,330	10	No	No	No	No	No	No		
Tributary Small Company	\$ 5,802,322	118	No	Yes	No	No	No	No		
iShares Russell 2000 Growth Index ETF*	\$ 6,829,155	25	Yes	No	No	No	No	No		
State Street S&P 500 Index *	\$ 12,568,176	1.75	Yes	Yes	No	No	No	No		
T. Rowe Price Instl Large Cap Growth	\$ 15,131,356	17	Yes	No	No	No	No	No		
SPDR S&P Dividend ETF*	\$ 5,177,638	35	No	No	No	No	No	No		
Vanguard Extended Market ETF*	\$ 10,334,147	9	Yes	No	No	No	No	No		
Vanguard Total Stock Market Index ETF*	\$ 14,235,665	5	Yes	Yes	No	No	No	No		
State Street MSCI ACWI ex-US Index*	\$ 10,639,072	9	Yes	Yes	No	No	No	No		
Vanguard FTSE Emerging Markets ETF*	\$ 2,124,667	15	No	No	No	No	No	No		
DFA World ex-US Government Fixed Income	\$ 447,461	20	n/a	n/a	No	No	No	No		
Vanguard Short-Term Bond ETF*	\$ 3,683,904	9	Yes	Yes	No	No	No	No		
MetWest Total Return Fund	\$ 9,798,323	39	n/a	No	No	No	No	No		
Federated Total Return Bond	\$ 2,206,801	36	Yes	No	No	No	No	No		
Vanguard Short-Term Inflation-Protected ETF	\$ 1,410,784	8	n/a	n/a	No	No	No	No		
Dodge & Cox Stock	\$ 9,785,192	52	Yes	No	No	No	No	No		
American Funds The Income Fund of America	\$ 304,916	38	n/a	n/a	No	No	No	No		
iShares Core US Aggregate ETF	\$ 4,013,977	8	n/a	n/a	No	No	No	No		
Goldman Sachs Financial Square Gov't Money Market	\$ 7,603,164	18	n/a	n/a	No	No	No	No		

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	Greater than 4	Closed Out – All invested balances must be moved to another active option					



[§] The table below provides a "Suggested Action" based on the number of affirmative responses received to the questions noted above.

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Total State Farm College Savings Plan



	Allocatio	n			Perforr	mance(%)		
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	Since Inception	Inception Date
Total State Farm College Savings Plan	452,097,113	100.0						
State Farm Fixed Allocation	106,151,724	23.5						
Growth Allocation 529 Portfolio A	59,811,468	13.2	0.7	10.3	5.2	11.5	11.1	11/01/2008
Growth Allocation Policy			2.3	15.5	8.4	14.1	12.9	
Growth Allocation 529 Portfolio B	1,452,449	0.3	0.5	9.5	4.4	12.5	11.4	11/01/2008
Growth Allocation Policy			2.3	15.5	8.4	14.1	12.9	
Moderate Growth Allocation 529 Portfolio A	29,743,254	6.6	0.4	9.3	4.6	10.0	10.3	11/01/2008
Moderate Growth Allocation Policy			1.3	12.5	7.0	11.1	11.1	
Moderate Growth Allocation 529 Portfolio B	938,376	0.2	0.2	8.4	3.7	10.6	10.4	11/01/2008
Moderate Growth Allocation Policy			1.3	12.5	7.0	11.1	11.1	
Balanced Allocation 529 Portfolio A	13,889,199	3.1	-0.3	7.1	4.3	8.0	8.1	11/01/2008
Balanced Allocation Policy			0.4	9.6	5.8	8.9	9.7	
Balanced Allocation 529 Portfolio B	316,978	0.1	-0.4	6.3	3.5	8.4	8.1	11/01/2008
Balanced Allocation Policy			0.4	9.6	5.8	8.9	9.7	
State Farm Enrollment Based	339,365,866	75.1						
13+ Years 529 Portfolio A	36,599,518	8.1	0.6	10.3	5.2	11.6	10.7	11/01/2008
13+ Policy			2.3	15.5	8.4	13.9	12.8	
13+ Years 529 Portfolio B	10,839	0.0	0.5	9.5	4.3	12.4	10.9	11/01/2008
13+ Policy			2.3	15.5	8.4	13.9	12.8	
7-12 Years 529 Portfolio A	98,803,604	21.9	0.3	9.2	4.5	10.0	10.2	11/01/2008
7-12 Policy			1.3	12.5	7.0	11.3	11.2	
7-12 Years 529 Portfolio B	1,348,401	0.3	0.1	8.4	3.7	10.6	10.3	11/01/2008
7-12 Policy			1.3	12.5	7.0	11.3	11.2	
4-6 Years 529 Portfolio A	82,138,100	18.2	-0.2	7.1	4.3	8.0	8.1	11/01/2008
4-6 Policy			0.4	9.6	5.8	8.9	9.7	



	Allocation	า		Performance(%)						
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	Since Inception	Inception Date		
4-6 Years 529 Portfolio B	2,402,585	0.5	-0.5	6.2	3.4	8.5	8.1	11/01/2008		
4-6 Policy			0.4	9.6	5.8	8.9	9.7			
1-3 Years 529 Portfolio A	70,019,417	15.5	-0.3	4.0	2.9	5.0	5.4	11/01/2008		
1-3 Policy			0.4	6.2	4.1	6.2	7.1			
1-3 Years 529 Portfolio B	2,033,407	0.4	-0.5	3.1	2.1	5.2	5.2	11/01/2008		
1-3 Policy			0.4	6.2	4.1	6.2	7.1			
College Now 529 Portfolio A	44,405,858	9.8	-0.8	1.2	1.2	1.4	2.0	11/01/2008		
College Now Policy			-0.6	2.0	1.7	2.1	3.5			
College Now 529 Portfolio B	1,604,137	0.4	-0.9	0.4	0.5	1.3	1.6	11/01/2008		
College Now Policy			-0.6	2.0	1.7	2.1	3.5			
State Farm Individual Portfolios	6,579,523	1.5								
Money Market 529 Portfolio A	6,558,877	1.5	0.0	1.6	0.5	0.3	0.3	11/01/2008		
Money Market Policy			0.0	0.2	0.1	0.1	0.1			
Money Market 529 Portfolio B	20,646	0.0	0.1	0.1	0.0	0.0	0.1	11/01/2008		
Money Market Policy			0.0	0.2	0.1	0.1	0.1			



Asset Allocation & Performance

Performance(%)

			Performance(%)		
	1	1	3	5	10
	Quarter	Year	Years	Years	Years
Oppenheimer Capital Appreciation Fund	-1.4	-2.1	5.3	11.6	5.3
Russell 1000 Growth Index	1.0	7.1	8.6	14.5	8.3
Oppenheimer Value Fund	6.0	12.7	6.4	12.4	5.2
Russell 1000 Value Index	6.7	17.3	8.6	14.8	5.7
Oppenheimer Main Street Fund	4.3	11.7	8.5	14.6	6.7
S&P 500 Index	3.8	12.0	8.9	14.7	6.9
Oppenheimer Main Street Mid Cap Fund	2.5	13.7	6.0	13.3	6.6
Russell Midcap Index	3.2	13.8	7.9	14.7	7.9
Oppenheimer International Growth Fund	-5.4	-2.1	-2.0	7.6	3.6
MSCI AC World ex USA Index (Net)	-1.3	4.5	-1.8	5.0	1.0
Oppenheimer Developing Markets Fund	-5.1	7.2	-4.1	3.0	4.5
MSCI Emerging Markets Index (net)	-4.2	11.2	-2.6	1.3	1.8
Federated U.S. Govt. Securities Fund: 1-3 Years	-0.3	0.8	0.2	0.1	1.9
BofA Merrill Lynch 1-3 Year Treasury	-0.4	0.9	0.7	0.6	2.1
State Farm Bond Fund	-3.0	3.0	3.3	2.1	4.4
Blmbg. Barc. U.S. Aggregate	-3.0	2.6	3.0	2.2	4.3
Oppenheimer Global Strategic Income Fund	-0.7	6.6	2.4	4.1	4.9
Blmbg. Barc. U.S. Aggregate	-3.0	2.6	3.0	2.2	4.3
Oppenheimer Money Market Fund	0.1	0.3	0.2	0.1	1.0
iMoneyNet Prime Institutional Average	0.1	0.3	0.1	0.1	0.9



	13+ Years/Growth	7-12 Years/Moderate Growth	4-6 Years/Balanced	1-3 Years	College Now	Money Market Portfolio
U.S. Equity						
Oppenheimer Capital Appreciation Fund	18.0%	15.0%	13.0%	10.0%	3.0%	
Oppenheimer Value Fund	18.0	15.0	13.0	10.0	3.0	
Oppenheimer Main Street Fund	19.0	15.0	14.0	10.0	4.0	
Oppenheimer Main Street Small/Mid Cap Fund	20.0	15.0	7.5	2.5		
Non-U.S. Equity						
Oppenheimer International Growth Fund	20.0	16.0	10.0	7.5		
Oppenheimer Developing Markets Funds	5.0	4.0	2.5			
Fixed Income						
Federated U.S. Govt. Securities Fund: 1-3 Years				22.5	37.5	
State Farm Bond Fund			25.0	22.5	27.5	
Oppenheimer Global Strategic Income Fund		20.0	15.0			
Cash						
Oppenheimer Institutional Money Market Fund				15.0	25.0	100.0%
Total Fund Assets	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



State Farm Underlying Funds

Investment Watchlist Summary

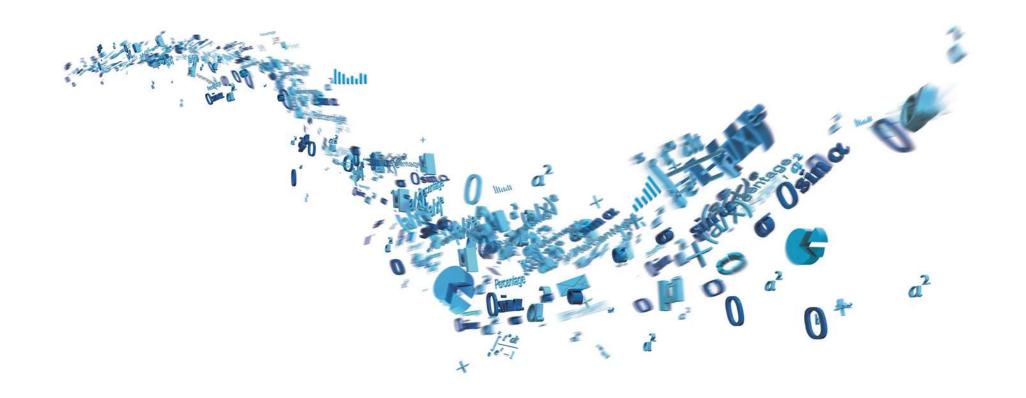
	Total Plan Assets	Annual Fees (bps)	1 Underperformed During Trailing 5 Years	2 Underperformed in 3 of 4 Trailing Calendar Quarters	3 Diverged from Strategy and/or Portfolio Characteristics	4 Adverse Change in Portfolio Manager	5 Weak Manager Research Rating	6 Significant Organizational Change	Watch Li 4th Quarter 2016	st Status 3rd Quarter 2016
Oppenheimer Capital Appreciation Fund	\$41,188,536	82	Yes	No	No	No	No	No		
Oppenheimer Value Fund	\$41,188,536	71	Yes	Yes	No	No	No	No		
Oppenheimer Main Street Fund	\$42,860,147	70	Yes	No	No	No	No	No		
Oppenheimer Main Street Mid Cap Fund	\$30,486,744	86	Yes	No	No	No	No	No		
Oppenheimer International Growth Fund	\$37,204,423	89	No	Yes	No	No	No	No		
Oppenheimer Developing Markets Fund	\$7,950,115	107	No	Yes	No	No	No	No		
Federated: U.S. Gov't Securities Fund	\$33,465,633	30	Yes	No	No	No	No	No		
State Farm Bond Fund	\$49,999,805	41	Yes	No	No	No	No	No		
Oppenheimer Global Strategic Income Fund	\$32,711,504	76	No	No	No	No	No	No		
Oppenheimer Money Market Fund	\$22,310,422	15	No	No	No	No	No	No		

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Total Endowment



	Allocation	1	Performance(%)						
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total Endowment Plans	1,269,270,723	100.0							
Health Care Endowment	385,732,165	30.4	1.0	7.9	5.1	10.0	5.5	6.3	01/01/2001
Health Care Policy			1.4	8.3	5.1	9.5	5.3	5.4	
50/50 Endowments	816,964,302	64.4	0.8	8.9	5.1	7.9	5.8	7.4	01/01/1996
50/50 Endowment Policy			0.0	7.3	4.9	7.5	5.4	6.8	
Excess Liability Fund	66,574,256	5.2	-2.4	4.2	3.3	3.1	5.2	5.7	07/01/1997
Performance Benchmark			-2.6	3.9	3.3	2.8	4.6	5.4	
Health Care Endowment Fixed	87,275,296	6.9	-2.5	0.7	1.8	1.5	2.8	4.0	07/01/1997
Performance Benchmark			-2.0	1.0	1.4	1.0	2.8	3.8	



Asset Class Performance

	Allocatio	n	Performance(%)								
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date		
Total Health Care Endowment	385,732,165	100.0	1.0	7.9	5.1	10.0	5.5	6.3	01/01/2001		
Health Care Policy			1.4	8.3	5.1	9.5	5.3	5.4			
Total US Equity	142,816,963	37.0	4.7	13.2	8.6	14.8	7.1	6.9	01/01/2002		
Dow Jones U.S. Total Stock Market Index			4.1	12.6	8.4	14.6	7.2	7.3			
Total Non-US Equity	56,501,903	14.6	-2.2	4.3	-1.4	6.0	1.3	4.1	01/01/2001		
MSCI All Country World ex-U.S. IMI*			-1.6	4.4	-1.4	5.3	1.1	4.2			
Total Global Equity	50,115,337	13.0	-0.6	6.2	3.1	10.1	4.6	6.7	09/01/2005		
MSCI All Country World IMI*			1.3	8.4	3.2	9.6	3.7	5.5			
Total Fixed Income	87,275,296	22.6	-2.5	0.7	1.8	1.5	2.8	4.0	07/01/1997		
Performance Benchmark			-2.0	1.0	1.4	1.0	2.8	3.8			
Total Real Estate	21,875,672	5.7									
Total Private Equity	27,146,995	7.0									

	Allocatio	n	Performance(%)									
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date			
Total 50/50 Endowment	826,123,889	100.0	8.0	8.9	5.1	7.9	5.8	7.4	01/01/1996			
50/50 Endowment Policy			0.0	7.3	4.9	7.5	5.4	6.8				
Total US Equity	223,837,056	27.1	7.2	17.9	8.5	14.8	7.1	6.9	01/01/2002			
Dow Jones U.S. Total Stock Market Index			4.1	12.6	8.4	14.6	7.2	7.3				
Total Non-US Equity	68,193,471	8.3	-2.2	4.3	-1.5	5.0	0.8	3.8	01/01/2001			
MSCI All Country World ex-U.S. IMI*			-1.6	4.4	-1.4	5.3	1.1	4.2				
Total Global Equity	40,072,975	4.9	-0.6	6.2	3.1	10.1	4.6	6.7	09/01/2005			
MSCI All Country World IMI*			1.3	8.4	3.2	9.6	3.7	5.5				
Total Fixed Income	394,886,828	47.8	-2.5	4.1	3.3	3.0	5.1	5.7	07/01/1997			
Blmbg. Barc. Universal Bond Index*			-2.6	3.9	3.3	2.8	4.6	5.4				
Total Real Estate	40,942,779	5.0										
Total Private Equity	58,190,780	7.0										



⁻Beginning December 2012, performance was calculated by Aon Hewitt Investment Consulting. Prior to December 2012, performance was calculated by State Street. *Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report. Nebraska Investment Council

Asset Allocation & Performance

	Allocation	1	Performance(%)								
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date		
Total Endowment	1,191,155,015	100.0									
Total U.S. Equity	366,654,020	30.8	6.2	16.0	8.6	14.8	6.9	6.8	01/01/2002		
Dow Jones U.S. Total Stock Market Index			4.1	12.6	8.4	14.6	7.2	7.3			
DFA	45,254,302	3.8	11.5	23.5	7.8	16.8	7.1	10.9	01/01/2002		
Russell 2000 Index*			8.8	21.3	7.0	14.2	5.9	9.0			
BlackRock Russell 1000 (Healthcare Endowment)	126,276,691	10.6	3.8	12.1	8.6			13.0	02/01/2013		
Russell 1000 Index			3.8	12.1	8.6			13.1			
BlackRock Russell 1000 Value Index	195,121,197	16.4	6.7	17.2	8.6			14.1	12/01/2012		
Russell 1000 Value Index			6.7	17.3	8.6			14.4			
BlackRock Russell 1000 Index	1,830	0.0									
Total Non-U.S. Equity	124,695,373	10.5	-2.2	4.3	-1.5	5.0	0.5	3.6	01/01/2001		
MSCI All Country World ex-U.S. IMI*			-1.6	4.4	-1.4	5.3	1.1	4.2			
BlackRock All Country World ex-U.S. IMI	113,087,886	9.5	-1.6	4.4	-1.4	5.4	0.4	3.2	01/01/2001		
MSCI All Country World ex-U.S. IMI*			-1.6	4.4	-1.4	5.3	0.4	3.2			
Baillie Gifford	11,605,914	1.0	-7.3	3.2	-1.7	2.2	3.2	10.0	07/01/2004		
MSCI Emerging Markets Index (Net)			-4.2	11.2	-2.6	1.3	1.8	8.3			
Non-U.S. Equity Cash	1,573	0.0									
Total Global Equity	90,188,312	7.6	-0.8	5.8	2.9	9.8	5.8	7.8	09/01/2005		
MSCI All Country World IMI*			1.3	8.4	3.2	9.6	3.7	5.6			
MFS	33,271,870	2.8	-0.6	7.3	3.6	12.2	6.4	8.1	10/01/2005		
MSCI All Country World IMI*			1.3	8.4	3.2	9.6	3.7	5.3			
IronBridge	24,579,830	2.1	-3.5	-1.5	0.8	8.2		9.1	01/01/2009		
MSCI All Country World IMI*			1.3	8.4	3.2	9.6		10.5			
BlackRock ACWI IMI	23,138,051	1.9	1.3	8.9	3.7	10.0		6.2	06/01/2011		
MSCI AC World IMI (Net)			1.3	8.4	3.2	9.6		5.8			
Wellington Equity	9,159,587	0.8									
Mondrian	29,435	0.0									
Acadian Global Equity	9,539	0.0									



^{*}Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report. Nebraska Investment Council

Asset Allocation & Performance

	Allocation			Performance(%)							
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date		
Total Fixed Income	461,461,085	38.7	-2.5	4.0	3.2	3.1	5.2	5.7	07/01/1997		
Blmbg. Barc. Universal Bond Index*			-2.6	3.9	3.3	2.8	4.6	5.4			
PIMCO	110,052,499	9.2	-1.8	4.5	2.9	3.0	5.4	5.7	04/01/1998		
Blmbg. Barc. Universal Bond Index*			-2.6	3.9	3.3	2.8	4.6	5.2			
Loomis Sayles	30,081,240	2.5	-1.5	9.5	4.3	7.0	6.2	6.8	07/01/2006		
Blmbg. Barc. Universal Bond Index*			-2.6	3.9	3.3	2.8	4.8	5.4			
BlackRock Aggregate Bond Index	212,952,372	17.9	-3.0	2.7	3.1	2.3	4.4	4.3	12/01/2006		
Blmbg. Barc. U.S. Aggregate			-3.0	2.6	3.0	2.2	4.3	4.2			
Neuberger Berman Core Plus	108,374,974	9.1	-2.2	5.0				2.7	07/01/2015		
Blmbg. Barc. Universal Bond Index			-2.6	3.9				2.7			
Total Real Estate	62,818,451	5.3									
Metropolitan Real Estate Partners (Combined)	10,516,952	0.9									
Prudential PRISA	8,661,566	0.7									
UBS Trumbull	11,921,850	1.0									
Cornerstone Patriot Fund	15,656,146	1.3									
Landmark VII	4,157,273	0.3									
UBS Trumbull Property Income	6,234,997	0.5									
MREP SCIF	4,757,849	0.4									
Real Estate Cash	911,818	0.1									
Total Private Equity	85,337,774	7.2									
Abbott Capital VI	36,827,698	3.1									
Abbott Capital VII	8,790,514	0.7									
RCP Fund VII	21,136,344	1.8									
RCP Fund VIII	5,838,370	0.5									
Dover Street VIII L.P.	10,476,182	0.9									
Private Equity Cash	2,268,666	0.2									

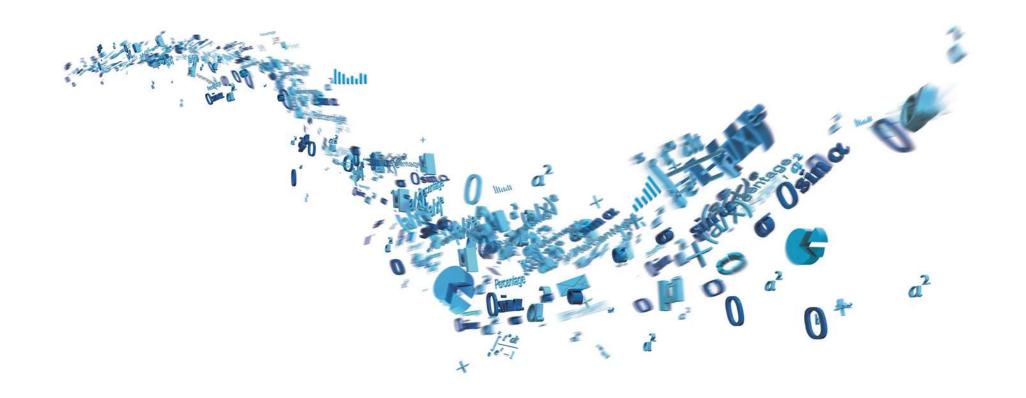
Inception-to-date IRR as of 9/30/2016 is 11.14% for Real Estate and the Inception-to-date as of 9/30/2016 is 12.93% for Private Equity.



^{*}Denotes a performance benchmark that is a splice of more than one index. Descriptions can be found in the appendix of this report. Nebraska Investment Council

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Total In-House Plans



Asset Allocation & Performance

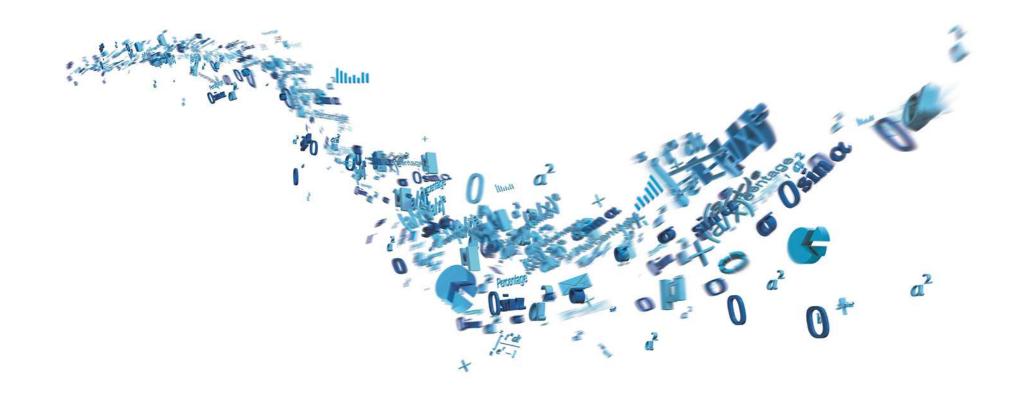
	Allocati	Allocation		Performance(%)							
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date		
Total In-House Plans	9,219,239	100.0									
Aeronautics	6,533,758	70.9	-4.0	0.7	2.6	1.4	4.3	6.3	01/01/1990		
Blmbg. Barc. U.S. Treasury			-3.8	1.0	2.3	1.2	4.0	5.8			
Agricultural Development	2,685,481	29.1	-4.0	0.7	2.6	1.4	3.9	6.5	01/01/1989		
Blmbg. Barc. U.S. Treasury Index			-3.8	1.0	2.3	1.2	4.0	6.1			
	Allo	Allocation				Performan	ce(%)				

	Allocation	Performance(%)							
	Market Value (\$)	%	1 Quarter	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total OIP	3,739,605,540	100.0	-1.9	1.6	2.1	1.6	3.1	4.0	01/01/1997
Policy Benchmark			-1.7	1.6	1.9	1.6	3.4	4.5	
Internal Short–Term Liquidity Pool	270,794,611	7.2	0.1	0.3	0.2	0.1	1.9	3.4	01/01/1997
Performance Benchmark			0.0	0.2	0.2	0.2	2.4	3.7	
Operating Investment Pool (Internal Government/Corporate)	3,468,810,929	92.8	-2.2	1.7	2.3	1.8		1.9	11/01/2011
Performance Benchmark			-2.0	1.8	2.2	1.9		1.9	

	Total Fund					
	\$	%				
Time Deposit Open Account	40,606,093	100.0				

The Internal Short-Term Liquidity Pool includes the DB STIF amount of \$8,056,606. When summing the assets of all NIC plans, the DB STIF has been counted in the DB Plan and removed from the In-House Plan to avoid double counting.





Appendix



Defined Benefit Plan - Benchmarks and Universes

Total Fund

Benchmark: As of October 2015, 31.5% of the DJ U.S. Total Stock Market Index, 15% of the MSCI All Country World IMI, 13.5% of the MSCI All Country World ex-U.S. IMI, 30% of the fixed income component, 6% of the real estate component, and 4% of the private equity component. As of October 2014, 32.5% of the DJ U.S. Total Stock Market Index .15% of the MSCI All Country World IMI, 13.5% of the MSCI All Country World ex-U.S. IMI, 30% of the fixed income component, 5% of the real estate component, and 4% of the private equity component. As of July 2012, 33.5% of the DJ U.S.Total Stock Market Index .15% of the MSCI All Country World IMI, 13.5% of the MSCI All Country World ex-U.S. IMI, 30% of the fixed income component, 5% of the real estate component, and 3% of the private equity component. As of August 2010, 36.5% of the DJ U.S.Total Stock Market Index ,15% of the MSCI All Country World IMI, 13.5% of the MSCI All Country World ex-U.S. IMI, 30% of the fixed income component, and 5% of the real estate component. As of June 2009, 36.5% of the DJU.S.Total Stock Market Index ,15% of the MSCI All Country World Index, 13.5% of the MSCI All Country World ex-U.S. Index GD, 30% of the fixed income component, and 5% of the real estate component. As of December 2008, 42.5% of the DJ U.S.Total Stock Market Index ,10% of the MSCI All Country World Index, 12.5% of the MSCI All Country World ex-U.S. Index GD, and the fixed income component allocation is comprised of 35% minus the actual allocation of real estate until real estate reaches its 5% target policy. As of September 2005, 47.5% of the DJ U.S. Total Stock Market Index, 5% of the MSCI All Country World Index, 12.5% of the MSCI All Country World ex-U.S. Index GD, and the fixed income component allocation is comprised of 35% minus the actual allocation of real estate until real estate reaches its 5% target policy. As of December 2004, the policy benchmark consisted of 50% of the DJ U.S.Total Stock Market Index, 15% of the MSCI All Country World ex-U.S. Index GD, the actual allocation of real estate, and the fixed income allocation was 35% minus the actual allocation of real estate. Beginning September 1, 2004, the fixed income component of the benchmark was transitioned to the Bloomberg Barclays Universal Index over a five month period. As of April 2004, the Policy Benchmark consisted of 50% of the DJ U.S. Total Stock Market Index, 35% of the Citigroup Large Public Fund Index and 15% of the MSCI All Country World ex-U.S. Index GD. Prior to April 2003, the Policy Benchmark consisted of 50% of the DJ U.S. Total Stock Market Index, 35% of the Citigroup LPF Index and 15% of the MSCI All Country World ex-U.S. Index GD. Prior to October 2000, the Policy Benchmark consisted of 45% of the DJ U.S. Total Stock Market Index, 45% of the Bloomberg Barclays Aggregate Bond Index and 10% of the MSCI EAFE Index ND. Prior to October 1995, the Policy Benchmark consisted of 50% of the DJ U.S. Total Stock Market Index, 45% of the Bloomberg Barclays Aggregate Bond Index and 5% of the MSCI EAFE Index ND. Prior to October 1991, the Policy Benchmark Consisted of 50% of the DJ U.S. Total Stock Market Index and 50% of the Bloomberg Barclays Aggregate Bond Index.

<u>Universe</u> A universe of Public Plans with total assets in excess of \$1 billion as comprised by Investment Metrics and BNY Mellon Performance & Risk Analytics. The universe consisted of 87 accounts as of 12/31/2016.

U.S. Equity Component

Benchmark: The DJ U.S.Total Stock Market Index

<u>Universe:</u> A universe of U.S. Equity portfolios within Public Plans with total assets in excess of \$1 billion as comprised by Investment Metrics and BNY Mellon Performance & Risk Analytics. The universe consisted of 66 accounts as of 12/31/2016.

DFA

Benchmark: Russell 2000 Index. Prior to April 2014, the Russell 2000 Value Index. Prior to August 2006, the Wilshire Small-Cap Value Style Index.

BlackRock Russell 1000 Index Fund Benchmark: Russell 1000 Index

Non-U.S. Equity Component

Benchmark: MSCI All Country World ex-U.S. IMI. Prior to August 2010, the MSCI All Country World ex-U.S. Index, Gross Dividends. Prior to October 2000, MSCI EAFE Index.

<u>Universe</u>: A universe of Non-U.S. Equity portfolios within Public Plans with total assets in excess of \$1 billion as comprised by Investment Metrics and BNY Mellon Performance & Risk Analytics. The universe consisted of 65 accounts as of 12/31/2016.

BlackRock World ex-U.S. IMI

Benchmark: The MSCI World ex-U.S. IMI. Prior to January 2013, the MSCI All Country World ex-U.S. IMI. Prior to May 2011, the MSCI World ex-U.S Index.



Defined Benefit Plan - Benchmarks and Universes

Baillie Gifford

Benchmark: The MSCI Emerging Markets Index

Gryphon

Benchmark: MSCI All Country World ex-U.S. IMI

Global Equity Component

Benchmark: The MSCI All Country World IMI. Prior to August 2010, the MSCI All Country World Index.

Universe: A universe of global equity funds as comprised by Investment Metrics. The universe consisted of 471 accounts as of 12/31/2016.

Arrowstreet

Benchmark: MSCI All Country World IMI (Net)

MFS

Benchmark: MSCI All Country World IMI. Prior to May 2012, the MSCI All Country World Index.

Ironbridae

Benchmark: MSCI All Country World IMI. Prior to May 2012, the MSCI All Country World Index.

Wellington Equity

Benchmark: MSCI All Country World Small Cap (Net)

BlackRock ACWI IMI

Benchmark: MSCI All Country World Index IMI

Fixed Income Component

Benchmark: As of January 2005, the Bloomberg Barclays Universal Index. As of December 2004, 20% the Citigroup Large Public Fund Index and 80% the Bloomberg Barclays Universal Index. As of November 2004, 40% the Citigroup Large Public Fund Index and 60% the Bloomberg Barclays Universal Index. As of October 2004, 60% the Citigroup Large Public Fund Index and 40% the Bloomberg Barclays Universal Index. As of September 2004, 80% the Citigroup Large Public Fund Index and 20% the Bloomberg Barclays Universal Index. Prior to September 2004, the Citigroup Large Public Fund Index.

<u>Universe</u>: A universe of Fixed Income portfolios within Public Plans with total assets in excess of \$1 billion as comprised by Investment Metrics and BNY Mellon Performance & Risk Analytics. The universe consisted of 67 accounts as of 12/31/2016.

BlackRock Core Plus Universal

Benchmark: The Bloomberg Barclays Universal Bond Index

PIMCO

Benchmark: The Bloomberg Barclays Universal Bond Index

BlackRock Aggregate Bond Index

Benchmark: The Bloomberg Barclays Aggregate Bond Index



Defined Benefit Plan - Benchmarks and Universes

Loomis Sayles

Benchmark: As of August 1, 2010 the benchmark is the Bloomberg Barclays Universal Bond Index. Prior to July 31, 2010 the benchmark was the Bloomberg Barclays High Yield Index.

Wellington Global

Benchmark: The Bloomberg Barclays Global Aggregate Index

Loomis Sayles Bank Loans

Benchmark: The S&P/LSTA Leveraged Loan Index

Franklin Templeton

Benchmark: The Credit Suisse Leveraged Loan (Split BB) Index

Neuberger Berman Core Plus

Benchmark: The Bloomberg Barclays Universal Bond Index

Real Estate Component

Benchmark: The NCREIF ODCE Index. Prior to January 2016, The NCREIF Property Index. Prior to October 2011, 20% DJ Wilshire Real Estate Securities Index - Float, 80% NCREIF Property Index. Prior to October 2005, 80% DJ Wilshire Real Estate Securities Index - Float, 20% NCREIF Property Index.

Private Equity Component

Benchmark: Dow Jones U.S. Total Stock Market Index + 3%



DC Plan Benchmarks

DFA

Benchmark: Russell 2000 Index

Russell 1000 Growth Index

Benchmark: Russell 1000 Growth Index

Russell 1000 Value Index

Benchmark: Russell 1000 Value Index

U.S. Equity Index Fund

Benchmark: S&P 500 Index

BlackRock All Country World ex-U.S. Index Fund Benchmark: MSCI All Country World ex-U.S. Index

U.S. Debt Index Fund

Benchmark: Bloomberg Barclays Aggregate Bond Index

T.Rowe Price Stable Value

Benchmark: The Hueler Index as of June 1, 2004. Prior to that, the 90-Day Treasury Bill.

SSgA STIF

Benchmark: 90-Day Treasury Bill

Conservative Premixed

Benchmark: A composite of 16% of the S&P 500 Index, 4% of the Russell 2000 Index, 60% of the Bloomberg Barclays Aggregate Bond Index, 5% of the MSCI All Country World ex-U.S. Index and 15% of the 90-Day T-Bill.

Moderate Premixed

Benchmark: A composite of 32% of the S&P 500 Index, 8% of the Russell 2000 Index, 50% of the Bloomberg Barclays Aggregate Bond Index, and 10% of the MSCI All Country World ex-U.S. Index.

Aggressive Premixed

Benchmark: A composite of 48% of the S&P 500 Index, 12% of the Russell 2000 Index, 25% of the Bloomberg Barclays Aggregate Bond Index, and 15% of the MSCI All Country World ex-U.S. Index.

Investor Select

<u>Benchmark:</u> A composite of 34% of the DJ U.S. Total Stock Market Index, 30% of the Bloomberg Barclays Universal Bond Index, 13.5% of the MSCI All Country World ex-U.S. IMI, 15% of the MSCI All Country World IMI, and 7.5% of the DJ Wilshire Real Estate Securities Index.



Cash Balance Plan

Total Fund

Benchmark: As of October 2015, 31.5% of the DJ U.S. Total Stock Market Index, 15% of the MSCI All Country World IMI, 13.5% of the MSCI All Country World ex-U.S. IMI, 30% of the fixed income component, 6% of the real estate component, and 4% of the private equity component. As of October 2014, 32.5% of the DJ U.S. Total Stock Market Index .15% of the MSCI All Country World IMI, 13.5% of the MSCI All Country World ex-U.S. IMI, 30% of the fixed income component, 5% of the real estate component, and 4% of the private equity component. As of July 2012, 33.5% of the DJ U.S.Total Stock Market Index ,15% of the MSCI All Country World IMI, 13.5% of the MSCI All Country World ex-U.S. IMI, 30% of the fixed income component, 5% of the real estate component, and 3% of the private equity component. As of August 2010, 36.5% of the DJ U.S.Total Stock Market Index ,15% of the MSCI All Country World IMI, 13.5% of the MSCI All Country World ex-U.S. IMI, 30% of the fixed income component, and 5% of the real estate component. As of June 2009, 36.5% of the DJ U.S. Total Stock Market Index ,15% of the MSCI All Country World Index, 13.5% of the MSCI All Country World ex-U.S. Index GD, 30% of the fixed income component, and 5% of the real estate component. As of December 2008, 42.5% of the DJ U.S.Total Stock Market Index, 10% of the MSCI All Country World Index, 12.5% of the MSCI All Country World ex-U.S. Index GD, and the fixed income component allocation is comprised of 35% minus the actual allocation of real estate until real estate reaches its 5% target policy. As of September 2005, 47.5% of the DJ U.S.Total Stock Market Index, 5% of the MSCI All Country World Index, 12.5% of the MSCI All Country World ex-U.S. Index GD, and the fixed income component allocation is comprised of 35% minus the actual allocation of real estate until real estate reaches its 5% target policy. As of December 2004, the policy benchmark consisted of 50% of the DJ U.S.Total Stock Market Index, 15% of the MSCI All Country World ex-U.S. Index GD, the actual allocation of real estate, and the fixed income allocation was 35% minus the actual allocation of real estate. Beginning September 1, 2004, the fixed income component of the benchmark was transitioned to the Bloomberg Barclays Universal Index over a five month period. As of April 2004, the Policy Benchmark consisted of 50% of the DJ U.S. Total Stock Market Index, 35% of the Citigroup Large Public Fund Index and 15% of the MSCI All Country World ex-U.S. Index GD. Prior to April 2003, the Policy Benchmark consisted of 50% of the DJ U.S. Total Stock Market Index, 35% of the Citigroup LPF Index and 15% of the MSCI All Country World ex-U.S. Index GD. Prior to October 2000, the Policy Benchmark consisted of 45% of the DJ U.S. Total Stock Market Index, 45% of the Bloomberg Barclays Aggregate Bond Index and 10% of the MSCI EAFE Index ND. Prior to October 1995, the Policy Benchmark consisted of 50% of the DJ U.S. Total Stock Market Index, 45% of the Bloomberg Barclays Aggregate Bond Index and 5% of the MSCI EAFE Index ND. Prior to October 1991, the Policy Benchmark Consisted of 50% of the DJ U.S. Total Stock Market Index and 50% of the Bloomberg Barclays Aggregate Bond Index.

U.S. Equity Component

Benchmark: The DJ U.S. Total Stock Market Index

<u>Universe:</u> A universe of U.S. Equity portfolios within Public Plans with total assets in excess of \$1 billion as comprised by Investment Metrics and BNY Mellon Performance & Risk Analytics. The universe consisted of 66 accounts as of 12/31/2016.

DFA

Benchmark: Russell 2000 Index. Prior to April 2014, the Russell 2000 Value Index. Prior to August 2006, the Wilshire Small-Cap Value Style Index.

BlackRock Russell 1000 Growth Index Fund Benchmark: Russell 1000 Growth Index



Cash Balance Plan

Non-U.S. Equity Component

Benchmark: MSCI All Country World ex-U.S. IMI. Prior to August 2010, the MSCI All Country World ex-U.S. Index, Gross Dividends. Prior to October 2000, MSCI EAFE Index.

<u>Universe:</u> A universe of Non-U.S. Equity portfolios within Public Plans with total assets in excess of \$1 billion as comprised by Investment Metrics and BNY Mellon Performance & Risk Analytics. The universe consisted of 65 accounts as of 12/31/2016.

BlackRock World ex-U.S. IMI

Benchmark: The MSCI World ex-U.S. IMI. Prior to January 2013, the MSCI All Country World ex-U.S. IMI. Prior to May 2011, the MSCI World ex-U.S Index.

Baillie Gifford

Benchmark: The MSCI Emerging Markets Index

Global Equity Component

Benchmark: The MSCI All Country World IMI. Prior to August 2010, the MSCI All Country World Index.

<u>Universe</u>: A universe of global equity funds as comprised by Investment Metrics. The universe consisted of 471 accounts as of 12/31/2016.

Arrowstreet

Benchmark: MSCI All Country World IMI (Net)

MFS

Benchmark: MSCI All Country World IMI. Prior to May 2012, the MSCI All Country World Index.

Ironbridge

Benchmark: MSCI All Country World IMI. Prior to May 2012, the MSCI All Country World Index.

Wellington Equity

Benchmark: MSCI All Country World Small Cap (Net)

BlackRock All Country World IMI

Benchmark: MSCI All Country World Index IMI



Cash Balance Plan

Fixed Income Component

Benchmark: As of January 2005, the Bloomberg Barclays Universal Index. As of December 2004, 20% the Citigroup Large Public Fund Index and 80% the Bloomberg Barclays Universal Index. As of November 2004, 40% the Citigroup Large Public Fund Index and 60% the Bloomberg Barclays Universal Index. As of October 2004, 60% the Citigroup Large Public Fund Index and 40% the Bloomberg Barclays Universal Index. As of September 2004, 80% the Citigroup Large Public Fund Index and 20% the Bloomberg Barclays Universal Index. Prior to September 2004, the Citigroup Large Public Fund Index.

<u>Universe</u>: A universe of Non-U.S. Equity portfolios within Public Plans with total assets in excess of \$1 billion as comprised by Investment Metrics and BNY Mellon Performance & Risk Analytics. The universe consisted of 67 accounts as of 12/31/2016.

BlackRock Core Plus Universal

Benchmark: The Bloomberg Barclays Universal Bond Index

PIMCO

Benchmark: The Bloomberg Barclays Universal Bond Index

BlackRock Aggregate Bond Index

Benchmark: The Bloomberg Barclays Aggregate Bond Index

Loomis Sayles

Benchmark: As of August 1, 2010 the benchmark is the Bloomberg Barclays U.S. Universal Bond Index. Prior to July 31,2010 the benchmark was the Bloomberg Barclays High Yield Index.

Wellington Global

Benchmark: The Bloomberg Barlcays Global Aggregate Index

Loomis Sayles Bank Loans

Benchmark: The S&P/LSTA Leveraged Loan Index

Franklin Templeton

Benchmark: The Credit Suisse Leveraged Loan (Split BB) Index

Neuberger Berman Core Plus

Benchmark: The Bloomberg Barclays Universal Bond Index

Real Estate Component

Benchmark: The NCREIF ODCE Index. Prior to January 2016, the NCREIF Property Index. Prior to October 2011, 20% DJ Wilshire Real Estate Securities Index - Float, 80% NCREIF Property Index. Prior to October 2005, 80% DJ Wilshire Real Estate Securities Index - Float, 20% NCREIF Property Index.

Private Equity Component

Benchmark: Dow Jones U.S. Total Stock Market Index + 3%



Direct Aggressive 19+ Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the FTSE High Dividend Yield Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% Citigroup World Gov't Bond Index ex-USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 17.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% 1 Month US Bank Deposit Index, and 11.0% of the Citigroup 3-Month T-Bill Index.

Direct Aggressive 15-18 Mix

Benchmark: A composite of 14.0% of the S&P 500 Index, 7.0% of the FTSE High Dividend Yield Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% Citigroup World Gov't Bond Index ex-USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 13.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, 6.0% 1 Month US Bank Deposit Index, and 7.0% of the Citigroup 3-Month T-Bill Index.

Direct Aggressive 11-14 Mix

Benchmark: A composite of 22.0% of the S&P 500 Index, 9.0% of the FTSE High Dividend Yield Index, 9.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 2.5% of the Russell 2000 Index, 2.5% of the Russell 2000 Growth Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% Citigroup World Gov't Bond Index ex-USA, 22.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 4.0% of the Citigroup 3-Month T-Bill Index.

Direct Aggressive 6-10 Mix

<u>Benchmark:</u> A composite of 32.0% of the S&P 500 Index, 10.0% of the FTSE High Dividend Yield Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 2.0% Citigroup World Gov't Bond Index ex-USA, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 5.0% of the MSCI US REIT Index.

Direct Aggressive 0-5 Mix

Benchmark: A composite of 36.0% of the S&P 500 Index, 11.0% of the FTSE High Dividend Yield Index, 11.0% of the Russell 1000 Growth Index, 2.0% of the Russell 2000 Index, 4.0% of the Russell 2000 Index, 4.0% of the Russell 2000 Growth Index, 22.0% of the MSCI ACWI ex USA (Net) Index, 5.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, and 5.0% of the MSCI US REIT Index.

Direct Growth 19+ Mix

<u>Benchmark:</u> A composite of 8.0% of the S&P 500 Index, 1.0% of the FTSE High Dividend Yield Index, 1.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 3.0% Citigroup World Gov't Bond Index ex-USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 9.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, 15.0% 1 Month US Bank Deposit Index, and 18.0% of the Citigroup 3-Month T-Bill Index.

Direct Growth 15-18 Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the FTSE High Dividend Yield Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% Citigroup World Gov't Bond Index ex-USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 17.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% 1 Month US Bank Deposit Index, and 11.0% of the Citigroup 3-Month T-Bill Index.



Direct Growth 11-14 Mix

Benchmark: A composite of 14.0% of the S&P 500 Index, 7.0% of the FTSE High Dividend Yield Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% Citigroup World Gov't Bond Index ex-USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 13.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, 6.0% 1 Month US Bank Deposit Index, and 7.0% of the Citigroup 3-Month T-Bill Index.

Direct Growth 6-10 Mix

Benchmark: A composite of 22.0% of the S&P 500 Index, 9.0% of the FTSE High Dividend Yield Index, 9.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 2.5% of the Russell 2000 Index, 2.5% of the Russell 2000 Growth Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% Citigroup World Gov't Bond Index ex-USA, 22.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 4.0% of the Citigroup 3-Month T-Bill Index.

Direct Growth 0-5 Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 10.0% of the FTSE High Dividend Yield Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 2.0% Citigroup World Gov't Bond Index ex-USA, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 5.0% of the MSCI US REIT Index.

Direct Conservative 19+ Mix

Benchmark: A composite of 25.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 30.0% of the 1 Month U.S. Bank Deposit Index, and 45.0% of the Citigroup 3-Month T-Bill Index.

Direct Conservative 15-18 Mix

<u>Benchmark:</u> A composite of 4.0% of the S&P 500 Index, 1.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex-USA, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 20.0% of the 1 Month U.S. Bank Deposit Index, and 35.0% of the Citigroup 3-Month T-Bill Index.

Direct Conservative 11-14 Mix

Benchmark: A composite of 8.0% of the S&P 500 Index, 1.0% of the FTSE High Dividend Yield Index, 1.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 9.0% of the Bloomberg Barclays Capital U.S. TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, 15.0% of the 1 Month U.S. Bank Deposit Index, and 18.0% of the Citigroup 3-Month T-Bill Index.

Direct Conservative 6-10 Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the FTSE High Dividend Yield Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 17.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 6.0% of the Bloomberg Barclays Global Treasury ex-U.S. Index, 2.0% of the MSCI US REIT Index, 10.0% of the 1 Month US Bank Deposit Index and 11.0% of the Citigroup 3-Month T-Bill Index.

Direct Conservative 0-5 Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 7.0% of the FTSE High Dividend Yield Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 13.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, 6.0% of the 1 Month US Bank Deposit Index and 7.0% of the Citigroup 3-Month T-Bill Index.



Direct Index 19+ Mix

Benchmark: A composite of 4.0% of the S&P 500 Index, 1.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 15.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 18.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays US Treasury: U.S. TIPS Index, 20.0% of the 1 Month U.S. Bank Deposit Index, and 35.0% of the Citigroup 3-Month T-Bill Index.

Direct Index 15-18 Mix

Benchmark: A composite of 10.0% of the S&P 500 Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 9.0% Bloomberg Barclays US Treasury: U.S. TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, 15.0% of the 1 Month U.S. Bank Deposit Index, and 18.0% of the Citigroup 3-Month T-Bill Index.

Direct Index 11-14 Mix

Benchmark: A composite of 16.0% of the S&P 500 Index, 2.0% of the S&P Completion Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex-USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 17.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays US Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% of the 1 Month US Bank Deposit Index and 11.0% of the Citigroup 3-Month T-Bill Index.

Direct Index 6-10 Mix

Benchmark: A composite of 28.0% of the S&P 500 Index, 4.0% of the S&P Completion Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex-USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 13.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, 6.0% of the 1 Month US Bank Deposit Index and 7.0 % of the Citigroup 3-Month T-Bill Index.

Direct Index 0-5 Mix

<u>Benchmark:</u> A composite of 40.0% of the S&P 500 Index, 6.0% of the S&P Completion Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex-USA, 22.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, 4.0% of the Citigroup 3-Month T-Bill Index.

Conservative Static Mix

<u>Benchmark:</u> A composite of 12.0% of the S&P 500 Index, 2.0% of the FTSE High Dividend Yield Index, 2.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 17.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% of the 1 Month US Bank Deposit Index and 11.0% of the Citigroup 3-Month T-Bill Index.

Balanced Static Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 4.0% of the S&P Completion Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 5.0% of the Citigroup 3-Month T-Bill Index.

Growth Static Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 10.0% of the FTSE High Dividend Yield Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 2.0% Citigroup Gov't World Bond Index ex USA, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, and 5.0% of the MSCI US REIT Index.



TDA Aggressive 19+ Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the Russell 1000 Value Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 22.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, and 16.0% of the Citigroup 3-Month T-Bill Index.

TDA Aggressive 15-18 Mix

Benchmark: A composite of 14.0% of the S&P 500 Index, 7.0% of the Russell 1000 Value Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 16.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, and 10.0% of the Citigroup 3-Month T-Bill Index.

TDA Aggressive 11-14 Mix

Benchmark: A composite of 22.0% of the S&P 500 Index, 9.0% of the Russell 1000 Value Index, 9.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 2.5% of the Russell 2000 Index, 2.5% of the Russell 2000 Growth Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 21.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 4.0% of the Citigroup 3-Month T-Bill Index.

TDA Aggressive 6-10 Mix

<u>Benchmark:</u> A composite of 32.0% of the S&P 500 Index, 10.0% of the Russell 1000 Value Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, and 5.0% of the MSCI US REIT Index.

TDA Aggressive 0-5 Mix

Benchmark: A composite of 36.0% of the S&P 500 Index, 11.0% of the Russell 1000 Value Index, 11.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 4.0% of the Russell 2000 Index, 4.0% of the Russell 2000 Growth Index, 22.0% of the MSCI ACWI ex USA (Net) Index, 5.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, and 5.0% of the MSCI US REIT Index.

TDA Growth 19+ Mix

Benchmark: A composite of 8.0% of the S&P 500 Index, 1.0% of the Russell 1000 Value Index, 1.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex-USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 22.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, and 26.0 % of the Citigroup 3-Month T-Bill Index.

TDA Growth 15-18 Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the Russell 1000 Value Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex-USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 22.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, and 16.0 % of the Citigroup 3-Month T-Bill Index.



TDA Growth 11-14 Mix

Benchmark: A composite of 14.0% of the S&P 500 Index, 7.0% of the Russell 1000 Value Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex-USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 16.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, and 10.0 % of the Citigroup 3-Month T-Bill Index.

TDA Growth 6-10 Mix

Benchmark: A composite of 22.0% of the S&P 500 Index, 9.0% of the Russell 1000 Value Index, 9.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 2.5% of the Russell 2000 Index, 2.5% of the Russell 2000 Growth Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex-USA, 21.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 4.0 % of the Citigroup 3-Month T-Bill Index.

TDA Growth 0-5 Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 10.0% of the Russell 1000 Value Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex-USA, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, and 5.0% of the MSCI US REIT Index.

TDA Conservative 19+ Mix

Benchmark: A composite of 25.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, and 75.0% of the Citigroup 3-Month T-Bill Index.

TDA Conservative 15-18 Mix

<u>Benchmark:</u> A composite of 4.0% of the S&P 500 Index, 1.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 15.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 28.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. TIPS 0-5 Year Index, and 45.0% of the Citigroup 3-Month T-Bill Index.

TDA Conservative 11-14 Mix

Benchmark: A composite of 8.0% of the S&P 500 Index, 1.0% of the Russell 1000 Value Index, 1.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 22.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, and 26.0% of the Citigroup 3-Month T-Bill Index.

TDA Conservative 6-10 Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the Russell 1000 Value Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 22.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, and 16.0% of the Citigroup 3-Month T-Bill Index.

TDA Conservative 0-5 Mix

Benchmark: A composite of 14.0% of the S&P 500 Index, 7.0% of the Russell 1000 Value Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 16.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, and 10.0% of the Citigroup 3-Month T-Bill Index.



TDA Index 19+ Mix

Benchmark: A composite of 4.0% of the S&P 500 Index, 1.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 15.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 28.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays U.S. TIPS 0-5 Year Index, and 45.0% of the Citigroup 3-Month T-Bill Index.

TDA Index 15-18 Mix

Benchmark: A composite of 10.0% of the S&P 500 Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 22.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 9.0% of the Bloomberg Barclays U.S. Treasury: U.S. TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, and 26.0% of the Citigroup 3-Month T-Bill Index.

TDA Index 11-14 Mix

Benchmark: A composite of 16.0% of the S&P 500 Index, 2.0% of the S&P Completion Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 22.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, and 16.0% of the Citigroup 3-Month T-Bill Index.

TDA Index 6-10 Mix

<u>Benchmark:</u> A composite of 28.0% of the S&P 500 Index, 4.0% of the S&P Completion Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 16.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, and 10.0% of the Citigroup 3-Month T-Bill Index.

TDA Index 0-5 Mix

<u>Benchmark:</u> A composite of 40.0% of the S&P 500 Index, 6.0% of the S&P Completion Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 22.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 6.0% of the Citigroup 3-Month T-Bill Index.

Conservative Static Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the Russell 1000 Value Index, 2.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 22.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, and 16.0% of the Citigroup 3-Month T-Bill Index.

Balanced Static Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 4.0% of the S&P Completion Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 5.0% of the Citigroup 3-Month T-Bill Index.

Growth Static Mix

<u>Benchmark:</u> A composite of 32.0% of the S&P 500 Index, 10.0% of the Russell 1000 Value Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, and 5.0% of the MSCI US REIT Index.



Advisor Aggressive 19+ Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the Russell 1000 Value Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 17.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% of the 1 Month U.S. Bank Deposit Index, and 11.0% of the Citigroup 3-Month T-Bill Index.

Advisor Aggressive 15-18 Mix

Benchmark: A composite of 14.0% of the S&P 500 Index, 7.0% of the Russell 1000 Value Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 13.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, 6.0% of the 1 Month U.S. Bank Deposit Index and 7.0% of the Citigroup 3-Month T-Bill Index.

Advisor Aggressive 11-14 Mix

Benchmark: A composite of 22.0% of the S&P 500 Index, 9.0% of the Russell 1000 Value Index, 9.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 2.5% of the Russell 2000 Index, 2.5% of the Russell 2000 Growth Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 22.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 4.0% of the Citigroup 3-Month T-Bill Index.

Advisor Aggressive 6-10 Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 10.0% of the Russell 1000 Value Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 5.0% of the MSCI US REIT Index, and 2.0% of the Citigroup 3-Month T-Bill Index.

Advisor Aggressive 0-5 Mix

Benchmark: A composite of 36.0% of the S&P 500 Index, 11.0% of the Russell 1000 Value Index, 11.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 4.0% of the Russell 2000 Index, 4.0% of the Russell 2000 Growth Index, 22.0% of the MSCI ACWI ex USA (Net) Index, 5.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, and 5.0% of the MSCI US REIT Index.

Advisor Growth 19+ Mix

Benchmark: A composite of 8.0% of the S&P 500 Index, 1.0% of the Russell 1000 Value Index, 1.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 9.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, 15.0% of the 1 Month U.S. Bank Deposit Index, and 18.0% of the Citigroup 3-Month T-Bill Index.

Advisor Growth 15-18 Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the Russell 1000 Value Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% of the 1 Month US Bank Deposit Index and 11.0% of the Citigroup 3-Month T-Bill Index.



Advisor Growth 11-14 Mix

Benchmark: A composite of 14.0% of the S&P 500 Index, 7.0% of the Russell 1000 Value Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 13.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, 6.0% of the 1 Month US Bank Deposit Index, and 7.0% of the Citigroup 3-Month T-Bill Index.

Advisor Growth 6-10 Mix

Benchmark: A composite of 22.0% of the S&P 500 Index, 9.0% of the Russell 1000 Value Index, 9.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 2.5% of the Russell 2000 Index, 2.5% of the Russell 2000 Growth Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 22.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 4.0% of the Citigroup 3-Month T-Bill Index.

Advisor Growth 0-5 Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 10.0% of the Russell 1000 Value Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 5.0% of the MSCI US REIT Index, and 2.0% of the Citigroup 3-Month T-Bill Index.

Advisor Conservative 19+ Mix

Benchmark: A composite of 25.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 30.0% of the 1 Month U.S. Bank Deposit Index, and 45.5% of the Citigroup 3-Month T-Bill Index.

Advisor Conservative 15-18 Mix

Benchmark: A composite of 4.0% of the S&P 500 Index, 1.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 15.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 18.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. TIPS 0-5 Year Index, 20.0% of the 1 Month U.S. Bank Deposit Index, and 35.0% of the Citigroup 3-Month T-Bill Index.

Advisor Conservative 11-14 Mix

Benchmark: A composite of 8.0% of the S&P 500 Index, 1.0% of the Russell 1000 Value Index, 1.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 9.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, 15.0% of the 1 Month U.S. Bank Deposit Index, and 18.0% of the Citigroup 3-Month T-Bill Index.

Advisor Conservative 6-10 Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the Russell 1000 Value Index, 2.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Index, 0.5% of the Russell 2000 Growth Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% of the 1 Month US Bank Deposit Index and 11.0% of the Citigroup 3-Month T-Bill Index.

Advisor Conservative 0-5 Mix

Benchmark: A composite of 14.0% of the S&P 500 Index, 7.0% of the Russell 1000 Value Index, 7.0% of the Russell 1000 Growth Index, 1.0% of the S&P Completion Index, 1.5% of the Russell 2000 Index, 1.5% of the Russell 2000 Growth Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 13.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, 6.0% of the 1 Month US Bank Deposit Index and 7.0% of the Citigroup 3-Month T-Bill Index.



Advisor Index 19+ Mix

Benchmark: A composite of 4.0% of the S&P 500 Index, 1.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 15.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 18.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays U.S. TIPS 0-5 Year Index, 20.0% of the 1 Month U.S. Bank Deposit Index, and 35.0% of the Citigroup 3-Month T-Bill Index.

Advisor Index 15-18 Mix

Benchmark: A composite of 10.0% of the S&P 500 Index, 1.0% of the S&P Completion Index, 3.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 9.0% of the Bloomberg Barclays U.S. Treasury TIPS 0-5 Year Index, 1.0% of the MSCI US REIT Index, 15.0% of the 1 Month U.S. Bank Deposit Index, and 18.0% of the Citigroup 3-Month T-Bill Index.

Advisor Index 11-14 Mix

Benchmark: A composite of 16.0% of the S&P 500 Index, 2.0% of the S&P Completion Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 17.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays U.S. Treasury TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% of the 1 Month U.S. Bank Deposit Index, and 11.0% of the Citigroup 3-Month T-Bill Index.

Advisor Index 6-10 Mix

Benchmark: A composite of 28.0% of the S&P 500 Index, 4.0% of the S&P Completion Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 25.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 13.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 3.0% of the MSCI US REIT Index, 6.0% of the 1 Month U.S. Bank Deposit Index, and 7.0% of the Citigroup 3-Month T-Bill Index.

Advisor Index 0-5 Mix

<u>Benchmark:</u> A composite of 40.0% of the S&P 500 Index, 6.0% of the S&P Completion Index, 15.0% of the MSCI ACWI ex USA (Net) Index, 3.0% of the Citigroup World Gov't Bond Index ex USA, 22.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 6.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 4.0% of the MSCI US REIT Index, and 4.0% of the Citigroup 3-Month T-Bill Index.

Conservative Static Mix

Benchmark: A composite of 12.0% of the S&P 500 Index, 2.0% of the Russell 1000 Value Index, 2.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 5.0% of the MSCI ACWI ex USA (Net) Index, 4.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 17.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 5.0% of the Bloomberg Barclays Capital U.S. Treasury: U.S. TIPS 0-5 Year Index, 2.0% of the MSCI US REIT Index, 10.0% of the 1 Month US Bank Deposit Index, and 11.0% of the Citigroup 3-Month T-Bill Index.

Balanced Static Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 4.0% of the S&P Completion Index, 10.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 28.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, 15.0% of the Bloomberg Barclays Capital U.S. Govt/Credit 1-5 Float Index, 2.0% of the MSCI US REIT Index, and 5.0% of the Citigroup 3-Month T-Bill Index.

Growth Static Mix

Benchmark: A composite of 32.0% of the S&P 500 Index, 10.0% of the Russell 1000 Value Index, 10.0% of the Russell 1000 Growth Index, 2.0% of the S&P Completion Index, 3.0% of the Russell 2000 Index, 3.0% of the Russell 2000 Growth Index, 20.0% of the MSCI ACWI ex USA (Net) Index, 2.0% of the Citigroup World Gov't Bond Index ex USA, 13.0% of the Bloomberg Barclays Capital U.S. Aggregate Index, and 5.0% of the MSCI US REIT Index.



State Farm College Savings Plan

Growth Allocation Portfolio, 13+ Years to College

Benchmark: A composite of 18.0% of the Russell 1000 Growth Index, 18.0% of the Russell 1000 Value Index, 19.0% of the S&P 500 Index, 20.0% of the Russell MidCap Index, 20.0% of the MSCI ACWI ex-U.S. Index, and 5.0% of the MSCI Emerging Markets Index.

Moderate Growth Allocation Portfolio, 7-12 Years to College

Benchmark: A composite of 15.0% of the Russell 1000 Growth Index, 15.0% of the Russell 1000 Value Index, 15.0% of the S&P 500 Index, 15.0% of the Russell MidCap Index, 16.0% of the MSCI ACWI ex-U.S. Index, 4.0% of the MSCI Emerging Markets Index, and 20.0% of the Bloomberg Barclays Aggregate Index.

Balanced Allocation Portfolio, 4-6 Years to College

Benchmark: A composite of 13.0% of the Russell 1000 Growth Index, 13.0% of the Russell 1000 Value Index, 14.0% of the S&P 500 Index, 7.5% of the Russell MidCap Index, 10.0% of the MSCI ACWI ex-U.S. Index, 2.5% of the MSCI Emerging Markets Index, and 40.0% of the Bloomberg Barclays Aggregate Index.

1-3 Years to College

Benchmark: A composite of 10.0% of the Russell 1000 Growth Index, 10.0% of the Russell 1000 Value Index, 10.0% of the S&P 500 Index, 2.5% of the Russell MidCap Index, 7.5% of the MSCI ACWI ex-U.S. Index, 22.5% of the Bank of America Merrill Lynch 1-3 Yr Treasury Index, 22.5% of the Bloomberg Barclays Aggregate Index, and 15.0% of the iMoney Institutional Money Market Index.

College Now

Benchmark: A composite of 3.0% of the Russell 1000 Growth Index, 3.0% of the Russell 1000 Value Index, 4.0% of the S&P 500 Index, 37.5% of the Bank of America Merrill Lynch 1-3 Yr Treasury Index, 27.5% of the Bloomberg Barclays Aggregate Index, and 25.0% of the iMoney Institutional Money Market Index.

Money Market Portfolio

Benchmark: The iMoney Net First Tier Institutional Index.

In-House Trusts and Operating Pool

Aeronautics and Agricultural Development Funds

Benchmark: The Bloomberg Barclays U.S. Treasury Index.

Internal Short-Term Liquidity Pool

Benchmark: As of November 2011, the Citigroup 30-day CD.

Operating Investment Pool (Internal Government/Corporate)

Benchmark: As of March 2014, BofA Merrill Lynch Custom Index*. Prior to March 2014, the Bloomberg Barclays Capital Intermediate Government/Corporate Index.

Total Operating Investment Pool

<u>Benchmark:</u> As of March 2014, 15% Citigroup 1-month CD and 85% BofA Merrill Lynch Custom Index*. As of November 2011, 15% Citigroup 1-month CD and 85% Bloomberg Barclays Capital Intermediate Government/Corporate Index. As of June 2009, 90% of the Bloomberg Barclays Intermediate Government/Credit Index and 10% of the Citigroup 30-Day CD. Prior to July 2003, the benchmark consisted of 85% of the ML 1-3 Year Government/Credit Index and 15% of the 90-Day T-Bill + 15 basis points. Prior to October 1997, the benchmark consisted of 50% of the ML 1-3 Year Government/Credit Index and 50% of the 90-Day T-Bill + 90 basis points.

*BofA Merrill Lynch Custom Index is composed of 60% BofA Merrill Lynch US Treasury/Agency 1-10 Year Index and 40% BofA Merrill Lynch US Corporate A-AAA 1-10 Year Index



Endowment Pool

Health Care Endowment

Benchmark: As of January 2016, a composite of 40.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index, 2.5% of the Citigroup 30-Day CD, 5.0% of the NCREIF ODCE Index, and 5.0% of the Dow U.S. Total Stock Market Index + 3%. As of October 2015, a composite of 40.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index, 2.5% of the Citigroup 30-Day CD, 5.0% of the NCREIF Property Index, and 5.0% of the Dow U.S. Total Stock Market Index + 3%. As of October 2014, a composite of 41.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index, 2.5% of the Citigroup 30-Day CD, 5.0% of the real estate component benchmark, and 4.0% of the Dow U.S. Total Stock Market Index + 3%. As of July 2014, a composite of 42.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index, 2.5% of the Citigroup 30-Day CD, 5.0% of the real estate component benchmark, and 3.0% of the Dow U.S. Total Stock Market Index + 3%. As of October 2012, a composite of 43.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index, 2.5% of the Citigroup 30-Day CD, 5.0% of the real estate component benchmark, and 2.0% of the Dow U.S. Total Stock Market Index + 3%. As of January 2012, a composite of 45.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index, 2.5% of the Citigroup 30-Day CD, 4.0% of the real estate component benchmark, and 1.0% of the Dow U.S. Total Stock Market Index + 3%. As of October 2011, a composite of 46.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index, 2.5% of the Citigroup 30-Day CD, 3.0% of the real estate component benchmark, and 1.0% of the Dow U.S. Total Stock Market Index + 3%. As of October 2010, a composite of 48.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index, 2.5% of the Citigroup 30-Day CD, and 2.0% of the real estate component benchmark. As of August 2010, a composite of 50.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. IMI, 10.0% of the MSCI All Country World IMI, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index and 2.5% of the Citigroup 30-Day CD. As of January 2009, a composite of 50.0% of the DJ U.S. Total Stock Market Index, 15.0% of the MSCI All Country World ex-U.S. Index, 10.0% of the MSCI All Country World Index, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index and 2.5% of the Citigroup 30-Day CD. As of September 2005, a composite of 55.75% of the DJ U.S. Total Stock Market Index, 15.75% of the MSCI All Country World ex-U.S. Index, 3.5% of the MSCI All Country World Index, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index and 2.5% of the Citigroup 30-Day CD. Prior to September 2005, a composite of 56.25% of the DJ U.S. Total Stock Market Index, 18.75% of the MSCI All Country World ex-U.S. Index, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index and 2.5% of the Citigroup 30-Day CD. Prior to June 2004, the benchmark was a composite of 56.25% of the DJ U.S. Total Stock Market Index, 18.75% of the MSCI EAFE + Canada Index, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index and 2.5% of the Citigroup 30-Day CD. Prior to April 2004, the benchmark was a composite of 56.25% of the DJ U.S. Total Stock Market Index, 18.75% of the MSCI EAFE Index, 22.5% of the Bloomberg Barclays Intermediate Government/Credit Index and 2.5% of the Citigroup 30-Day CD.



Endowment Pool

50/50 Endowments

Benchmark: As of April 2016, a composite of 25.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, 5.0% of the NCREIF ODCE Index, and 5.0% of the DJ U.S. Total Stock Market Index + 3%. As of January 2016, a composite of 26.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, 4.0% of the NCREIF ODCE Index, and 5.0% of the DJ U.S. Total Stock Market Index + 3%, As of July 2015, a composite of 26.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, 4.0% of the NCREIF Property Index, and 5.0% of the DJ U.S. Total Stock Market Index + 3%. As of October 2014, a composite of 27.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, 4.0% of the real estate component benchmark, and 4.0% of the DJ U.S. Total Stock Market Index + 3%. As of April 2014, a composite of 28.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, 4.0% of the real estate component benchmark, and 3.0% of the DJ U.S. Total Stock Market Index + 3%. As of January 2013, a composite of 29.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, 4.0% of the real estate component benchmark, and 2.0% of the DJ U.S. Total Stock Market Index + 3%. As of January 2012, a composite of 30.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, 4.0% of the real estate component benchmark, and 1.0% of the DJ U.S. Total Stock Market Index + 3%. As of July 2011, a composite of 32.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, and 3.0% of the real estate component benchmark. As of January 2011, a composite of 33.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, and 2.0% of the real estate component benchmark. As of August 2010, a composite of 34.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. IMI, 5.0% of the MSCI All Country World IMI, 50.0% of the fixed income component benchmark, and 1.0% of the real estate component benchmark. As of April 2009, a composite of 34.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. Index, 5.0% of the MSCI All Country World Index, 50.0% of the fixed income component benchmark, and 1.0% of the real estate component benchmark. As of January 2009, a composite of 35.0% of the DJ U.S. Total Stock Market Index, 10.0% of the MSCI All Country World ex-U.S. Index, 5.0% of the MSCI All Country World Index and 50.0% of the fixed income component benchmark. As of September 2005, a composite of 37.625% of the DJ U.S. Total Stock Market Index, 10.125% of the MSCI All Country World ex-U.S. Index, 2.25% of the MSCI All Country World Index and 50% of the fixed income component benchmark. Prior to September 2005, a composite of 37.5% of the DJ U.S. Total Stock Market Index, 12.5% of the MSCI All Country World ex-U.S Index, and 50% of the fixed income component benchmark. Prior to April 2005, the benchmark was a composite of 37.5% of the DJ U.S. Total Stock Market Index, 12.5% of the MSCI All Country World ex-U.S Index and 50% of the Bloomberg Barclays Aggregate Bond Index. Prior to June 2004, the benchmark was a composite of 37.5% of the DJ U.S. Total Stock Market Index, 12.5% of the MSCI EAFE + Canada Index and 50% of the Bloomberg Barclays Aggregate Bond Index. Prior to April 2004, the benchmark was a composite of 37.5% of the DJ U.S. Total Stock Market Index, 12.5% of the MSCI EAFE Index and 50% of the Bloomberg Barclays Aggregate Bond Index.

Excess Liability Fund

Benchmark: Bloomberg Barclays Aggregate Bond Index until March 31, 2005, the Bloomberg Barclays Universal Bond Index thereafter

Fixed Income Component

Benchmark: Bloomberg Barclays Aggregate Bond Index until March 31, 2005, the Bloomberg Barclays Universal Bond Index thereafter

DFA

Benchmark: The Russell 2000 Index. Prior to April 2014, the Russell 2000 Value Index. Prior to August 2006, the Wilshire Small-Cap Value Style Index.

Blackrock Russell 1000 (Healthcare Endowment)

Benchmark: The Russell 1000 Index.

Blackrock Russell 1000 Value Index Benchmark: The Russell 1000 Value Index.



Endowment Pool

Non-U.S. Equity Component

Benchmark: The MSCI All Country World ex-U.S. IMI. Prior to August 2010, the MSCI All Country World ex-U.S. Index.

BlackRock All Country World ex-U.S. IMI

Benchmark: The MSCI All Country World ex-U.S. IMI. Prior to June 2011, the MSCI EAFE + Canada Index.

Baillie Gifford

Benchmark: The MSCI Emerging Markets Index.

Global Equity Component

Benchmark: The MSCI All Country World IMI. Prior to August 2010, the MSCI All Country World Index.

MFS

Benchmark: The MSCI All Country World IMI. Prior to May 2012, the MSCI All Country World Index.

Ironbridge

Benchmark: The MSCI All Country World IMI. Prior to May 2012, the MSCI All Country World Index.

Blackrock ACWI IMI

Benchmark: The MSCI All Country World IMI.

Wellington Equity

Benchmark: MSCI All Country World Small Cap (Net).

Fixed Income Component, PIMCO

Benchmark: The Bloomberg Barclays Universal Index. Prior to April 2005, the Bloomberg Barclays Aggregate Bond Index.

Loomis Sayles

Benchmark: The Bloomberg Barclays Universal Index. Prior to August 2010, the benchmark was the Bloomberg Barclays High Yield Index.

Neuberger Berman Core Plus

Benchmark: The Bloomberg Barclays Universal Bond Index

Blackrock Aggregate Bond Index

Benchmark: The Bloomberg Barclays Aggregate Index.



Other Terms & Descriptions

Rank

A representation of the percentile position of the performance of a given portfolio, relative to a universe of similar funds. For example, a rank of 25 for a given manager indicates outperformance, by that manager, of 75% of other Funds in that universe.

Universe

A distribution of the returns achieved by a group of funds with similar investment objectives.

Ratio of Cumulative Wealth

An illustration of a portfolio's cumulative, unannualized performance relative to that of its benchmark. An upward sloping line indicates fund outperformance. Conversely, a downward sloping line indicates underperformance by the fund. A flat line is indicative of benchmark-like performance.

Risk-Return

The horizontal axis, annualized standard deviation, is a statistical measure of risk, or the volatility of returns. The vertical axis is the annualized rate of return. As most investors generally prefer less risk to more risk and always prefer greater returns, the upper left corner of the graph is the most attractive place to be. The line on this exhibit represents the risk and return trade-offs associated with market portfolios, or index funds.



Manager Descriptions

DFA

The objective of the DFA Small Cap Trust is to capture the returns of the small company asset class while reducing transaction costs. The portfolio holds capitalization-weighted positions of all eligible securities. Industry diversification is a residual of the process. In an attempt to minimize the costs of a pure indexing strategy that demands immediate execution in illiquid small-cap markets, DFA's trading strategy focuses on controlling transaction costs. DFA establishes buy, hold, and sell ranges aimed at moderating turnover and limiting transaction costs. Price sensitivity takes precedence over time of execution and block trading is utilized whenever possible.

BlackRock Russell 1000 Index

BlackRock Russell 1000 Index Fund provides a passive investment in the large cap segment of the stock market, and holds issues in their appropriate weights with those of the Index.

BlackRock World ex-U.S. IMI

The BlackRock World ex-U.S. IMI Fund is a composite fund, comprised of individual country funds weighted proportionately to the weights of those countries that constitute the Index. The object of the Fund is to track the return of the MSCI World ex-U.S. IMI.

Baillie Gifford

Baillie Gifford's bottom-up investment process emphasizes a greater reliance on free cash flow analysis, company specifics, and sound qualitative judgment on a company's management. The investment process emphasizes micro analyses and pays less attention to macro trends. The team-based process is structured along regional teams for the Asia-Pacific, Middle East and Africa, Latin America, and Emerging Europe regions. Baillie Gifford's emphasis on stock-specific research as the predominant focus for value-add differentiates them from their competition, while their global and regional team-based approach adds to their skill in comparing "best ideas" across geographic regions.

Gryphon

Gryphon applies a bottom-up, benchmark-agnostic, growth at a reasonable price philosophy. In order to execute its process, companies must meet a very strict set of quality guidelines, including minimum EPS growth, lack of deep cyclicality and a strong balance sheet. The team then applies a more qualitative screen on quality that includes market leadership, global or pan regional footprint, sound corporate governance and strong management team. A large portion of the total universe of available companies is screened out, leaving companies that fit Gryphon's criteria. This will generally exclude most utilities and telecommunication companies due to lack of growth, banks due to a lack of global or pan regional footprints, and materials and energy companies due to cyclicality. The resulting portfolio is typically comprised of 35-55 securities.



Manager Descriptions

Arrowstreet

Arrowstreet uses an active, quantitative investment approach. It looks to consistently outperform the benchmark through varying market conditions. Arrowstreet's quantitative models examine both information and behaviour to identify attractive stocks from around the world. Arrowstreet then uses forecasting models and the judgment of its investment team to combine its rigorous quantitative research with investment intuition.

MFS

The MFS Global Equity portfolio is a relatively concentrated, actively managed product that seeks to measure each company's ability to generate above-average, sustainable earnings growth while considering the attractiveness of their valuation. MFS focuses on a fundamental bottom-up company analysis by research analysts organized along global sector lines. Using quantitative screens, the investment professionals narrow the investable universe from 5,000 names to about 450 names, rated "buy". From there the analysts perform proprietary fundamental analysis on each buy-rated company to determine if it should be included in the portfolio. Analysts are given the discretion to use whatever models they deem appropriate for the given stock's sector and country. From there, the investment team will include 90-110 names in the portfolio.

Wellington Equity

The philosophy of the Global Equities approaches is based on four key tenets. The first principle is that high active share strategies outperform. Active share is a metric which calculates the magnitude of the active bets in a portfolio. An increasing body of academic evidence and proprietary research conducted by the Team supports this. Nonetheless, high active share investing entails a much greater level of risk than many can tolerate. In fact, the majority of the strategies utilized in the Global Equities approach are custom portfolios not broadly utilized or marketed outside of this team managed approach due to their high level of concentration and/or volatility. However, by combining independent and complementary high active share strategies, the team strives to retain the high level of alpha these styles can generate while minimizing the significant drawdowns that often occur with aggressive investment styles such as these.

Ironbridge

IronBridge employs three key elements in its investment philosophy: a Cash Flow Return on Investment (CFROI) framework designed to remove accounting inconsistencies across country borders, making all companies globally comparable, a Life Cycle concept to identify the correct path of analysis and manage portfolio risk, and a Wealth Creation analysis that looks at capital allocation disciplines appropriate to a company's position across the corporate life cycle.

BlackRock All Country World IMI

The BlackRock All Country World IMI Fund is a composite fund, comprised of individual country funds weighted proportionately to the weights of those countries that constitute the Index. The object of the Fund is to track the return of the MSCI All Country World IMI.

BlackRock Core Plus Universal

BlackRock's fixed income management approach revolves around the following fundamental principle: The firm does not believe significant value can be added through interest rate forecasting, and therefore manages portfolio durations within a narrow band around the index. BlackRock utilizes sophisticated proprietary quantitative tools to evaluate the cash flows of complex fixed income securities. In making sector and security decisions, BlackRock considers both fundamental and technical factors, including macroeconomic trends, supply and demand analysis, yield curve structure, and volatility and convexity analysis. The firm believes that it can add value by utilizing a broader range of eligible assets, including a wide range of mortgage securities, medium-term notes, floating-rate notes, and Treasury STRIPS.



Manager Descriptions

PIMCO

PIMCO employs a top-down, core approach that combines active sector rotation and moderate duration positions. The firm's objective is to add value without increasing risk by using innovative portfolio management techniques and by identifying superior sector and issue opportunities. Although PIMCO generally keeps portfolio duration within 30% of that of the benchmark, the manager shifts other dimensions of the portfolio (sector weightings, coupon, yield curve exposure, etc.) more liberally, depending on where they find value. PIMCO uses fixed income derivative instruments both for hedging purposes and as synthetic investments.

BlackRock Aggregate Bond Index

BlackRock employs a modular structure in capturing the U.S. bond market. The Fund's structure can be thought of as a "superfund," or a fund constructed by holding units of the following seven modular funds that each track its own particular segment of the Barclays Universe - Intermediate Government, Long Government, Intermediate Credit, Long Credit, Mortgage-Backed, Asset-Backed, and Commercial Mortgage-Backed. Each individual modular fund is constructed to accurately represent the overall risk and return characteristics of its relevant benchmark universe. BlackRock uses a combination of a cellular stratified sampling approach and a risk factor model.

Loomis Sayles

Loomis Sayles employs an opportunistic buy-and-hold approach of purchasing long-dated, call-protected, lower-quality corporate paper generally at a deep discount. For its High Yield strategy, the manager will opportunistically invest in foreign local government debt as well as make extensive use of busted convertibles and preferred issues. Loomis Sayles' strong fundamental credit research supports the manager's credit-driven process. The manager employs over 20 senior fixed income analysts who are supported by research associates. These senior analysts, who perform fundamental sector, industry, and company analysis across the global credit ratings spectrum, work in concert with fixed income traders/specialists who monitor the market and provide relative value inputs. Loomis Sayles' portfolio managers synthesize the credit fundamentals and relative value analysis to make buy/sell decisions. The portfolio may look significantly different than the benchmark.

Wellington Global

The Global Aggregate approach seeks to generate consistent excess returns through the combination of lowly correlated investment strategies developed by five highly specialized investment teams. Each team has a unique area of focus which is sector, region, or investment style based. This unique team structure ensures that Global Aggregate portfolios are highly diversified which leads to more consistent risk-adjusted returns in a wide variety of market environments. The Global Aggregate approach seeks to generate 1% - 1.5% of excess relative return over the Barclays Global Aggregate Bond Index. Global Aggregate portfolios invest in debt securities of government, corporate, and securitized debt issuers from around the world.

Loomis Sayles Bank Loans

Loomis Sayles structures bank loan portfolios in a conservative and benchmark-aware framework. Initial screening criteria include likelihood of default and size of loan relative to size of company. Analysts focus on understanding collateral, level of debt and equity subordination, cash flow generation ability, strength of covenants, and equity valuation. Loomis Sayles' bank loan strategy favors high quality loans with a focus on the risk-return trade-off between BB and B loans, and seeks to avoid CCC & below and second lien loans.

Franklin Templeton

Franklin Templeton applies a bottom-up approach to portfolio construction that is supplemented with industry top-down views. Franklin Templeton believes that constructing diversified portfolios of predominantly senior-secured floating rate debt instruments can provide the potential for high income. Franklin Templeton seeks to reduce levels of overall credit risk and principal value volatility through independent fundamental credit research and active portfolio management. The manager's bank loan strategy aims to minimize default risk and, as a result, places a low priority on price appreciation.

Neuberger Berman

Neuberger Berman employs a process in managing its fixed income strategies that combines top-down and bottom-up sources of active management, while complementing its approach with quantitative models to calibrate the manger's views. The process is predicated on the manager's philosophy that asset prices reflect consensus expectations across an array of factors, such as the path of interest rates, the shape of the yield curve, credit risk, cash flow patterns, and volatility; and leads to opportunities. Neuberger Berman believes it is able to add value over time from its interest rate framework, productive sector decisions, and fundamentally-driven issue selection.



Disclaimers and Notes

Disclaimers:

- Please review this report and notify Aon Hewitt Investment Consulting (AHIC) with any issues or questions you may have with respect to investment performance or any other matter set forth herein.
- § The client portfolio market value data presented in this report has been obtained from the record-keeper. AHIC believes the information to be accurate but has not conducted any type of additional audits to ensure the information's accuracy and cannot warrant its accuracy or completeness.
- § The mutual fund information found in this report is provided by Lipper Inc. and AHIC cannot warrant its accuracy or timeliness.
- § Russell Investment Group is the source and owner of the trademarks, service marks and copyrights related to the Russell Indexes. Russell® is a trademark of Russell Investment Group.
- The Greenwich Quality Leaders Awards are based on quality ratings provided by clients of investment consultants and asset managers. Between July and October 2015, Greenwich Associates conducted 1,341 interviews with senior professionals at corporate and union funds, public funds, endowments and foundations, insurance general accounts, and healthcare organizations with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their investment consultants. Based on those responses, Greenwich Associates calculates a score on the Greenwich Quality Index for each consultant named. Consultants with scores that top those awarded to competitors by a statistically significant margin are named Greenwich Quality Leaders. Visit the Greenwich Associates website (https://www.greenwich.com/asset-management/leading-investment-consultants-form-deep-advisory-relationships) to read a copy of the full report and to learn more about the methodology.

Notes:

- § The rates of return contained in this report are shown on an after-fees basis unless otherwise noted. They are geometric and time weighted. Returns for periods longer than one year are annualized.
- § Universe percentiles are based upon an ordering system in which 1 is the best ranking and 100 is the worst ranking.
- § Due to rounding throughout the report, percentage totals displayed may not sum up to 100.0%. Additionally, individual fund totals in dollar terms may not sum up to the plan totals.

