

**PRESBYTERIAN MISSION AGENCY BOARD**  
**September 17–19, 2014**  
**Presbyterian Foundation**

**ITEM A.212**  
**PRESBYTERIAN FOUNDATION ENDOWMENT REPORT**

September 17, 2014

Presbyterian Church Foundation  
Presbyterian Endowment Fund

Introduction to Cambridge Associates and PEF Investment Strategy



CAMBRIDGE ASSOCIATES LLC

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CAMBRIDGE ASSOCIATES LLC

**Introduction to Cambridge Associates**

**Portfolio Structure**

**Recent Markets and Performance Update**



### Who We Are

We are a leading global investment firm that delivers innovative portfolio management services to institutional and private investors. For more than 40 years, we have focused on discovering new ways to add long-term value to our clients' portfolios based on their unique objectives.



### Strengths

Our clients trust the experience, leadership, and integrity of our investment professionals. Working with some of the world's most sophisticated institutional investors for more than 40 years, we bring a deep knowledge of portfolio management best practices to the clients we serve. Our commitment to independence helps to ensure that the advice we give our clients is solely based on what is best for their portfolios.

### Our Team

We have built a global network of outstanding investment advisors and an extensive research platform to support them. With more than 1,140 employees around the globe, including investment and research staff on four continents, we are constantly looking to discover best-in-class ideas for our clients' portfolios.

### Introduction to C|A Capital

#### Who We Are

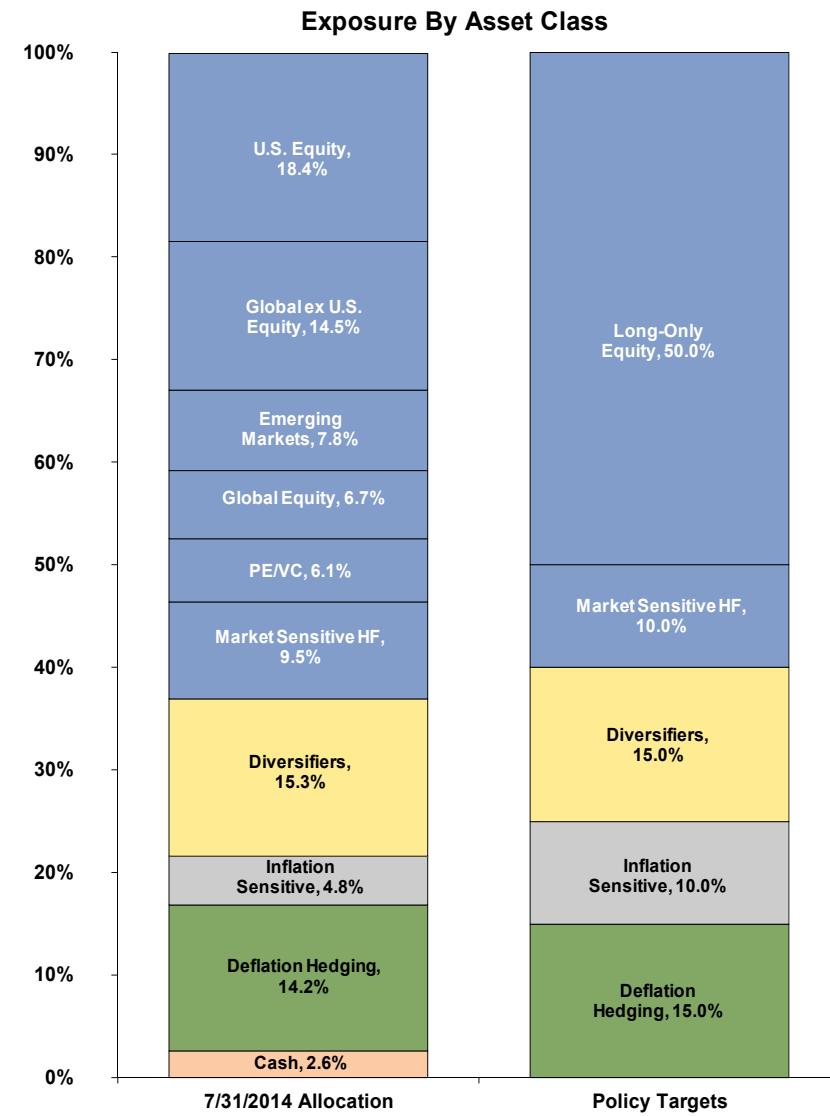
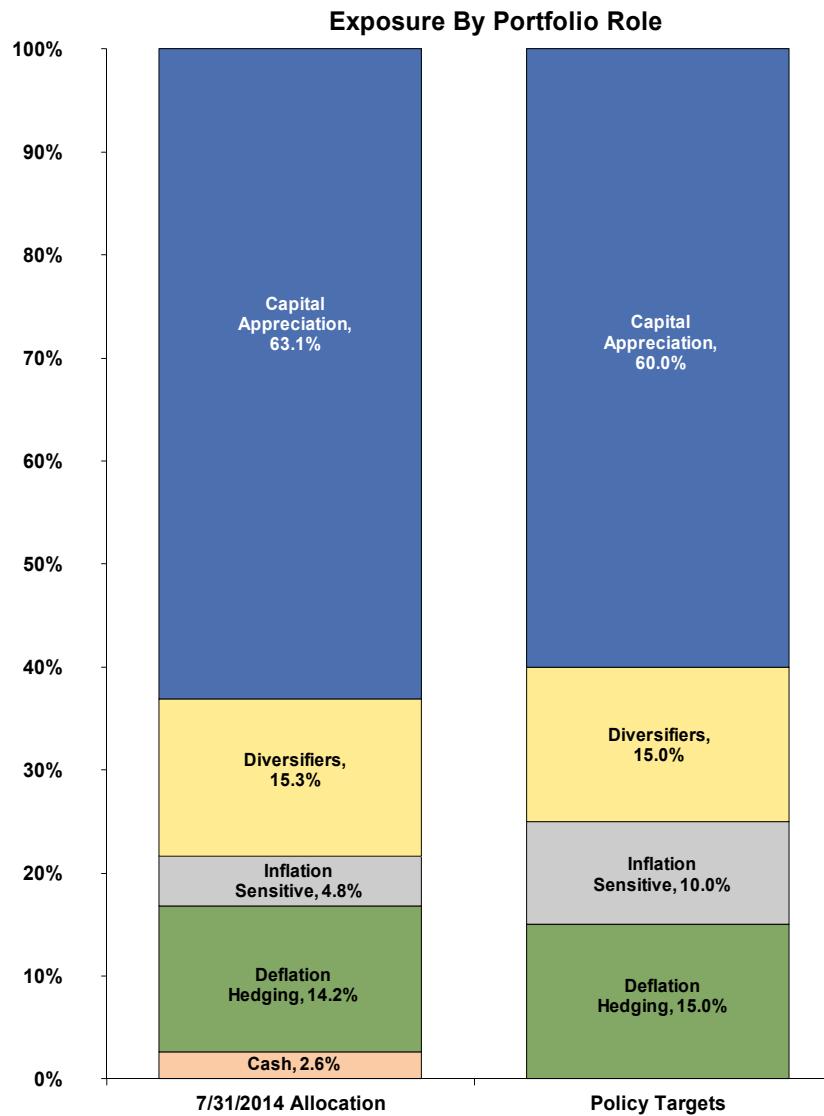
- ◆ C|A Capital Management is the dedicated business unit of Cambridge Associates that serves as the discretionary outsourced investment office for our institutional clients.
- ◆ Clients are served by a full-service investment office (CIO, investment team, and investment operations team) that manages portfolios to maximize performance within guidelines set by the client.

#### How We Help Our Clients Succeed

- ◆ We offer our clients an outsourced investment office that replicates best practices of the high-performing in-house investment offices we have been advising for years, including:
  - ◆ An investment team that is always on, always available, and fully accountable to client
  - ◆ A broad and deep global research platform
  - ◆ Portfolios that are customized at the manager level
  - ◆ Direct ownership of managers – no commingling with other clients

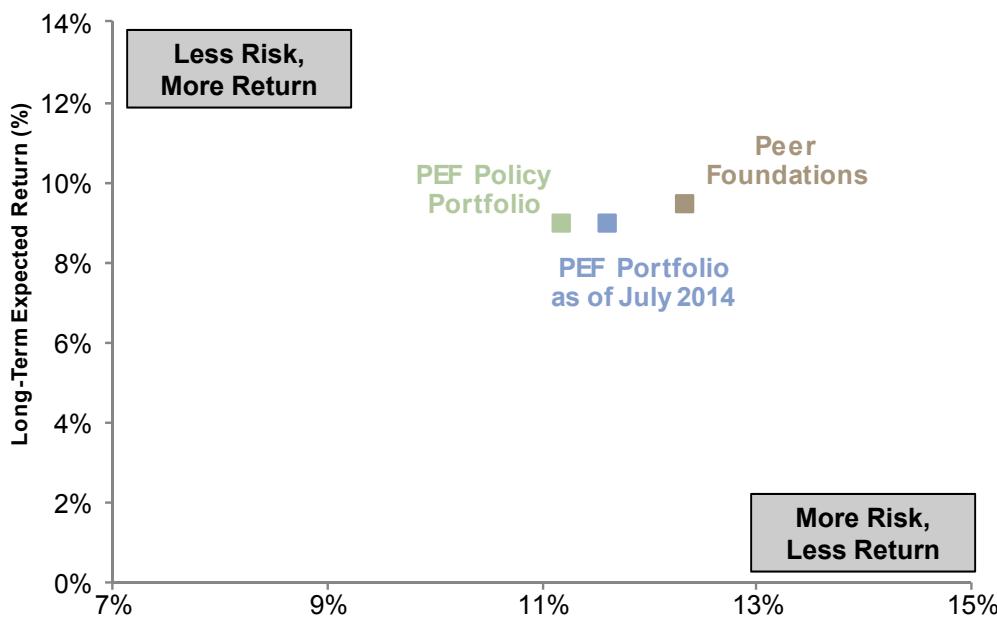
## Current PEF Portfolio Exposures

Close to policy targets with modest tactical tilts. As of 7/31/14, CA Managed PEF stood at \$717mm.



Note: Allocations may not sum to 100% due to rounding.

## Long-Term Expected Risk-Return Profile

Key Points:

- Modeling shows expected return and volatility over the very long-term horizon (e.g. 25 years).
- PEF Policy Portfolio offers similar return with less volatility versus similar sized peer foundations.

Asset Classes	Allocations		
	PEF Policy Portfolio	PEF Portfolio as of July 2014	Peer Foundations
Public Equities	43.8%	47.4%	49.4%
Hedge Funds	25.0	24.8	21.4
Private Investments	6.2	6.1	11.9
Inflation Sensitive	10.0	4.8	3.6
Fixed Income	15.0	14.2	10.7
Cash	---	2.6	3.0
Nominal Arithmetic Return:	9.0%	9.0%	9.5%
Standard Deviation:	11.2%	11.6%	12.4%

Notes: Allocations may not sum to 100% due to rounding.

"Peer Foundations" are foundations with market values between \$500 million and \$1 billion as of June 30, 2014. Cash includes "Other" assets not otherwise classified.

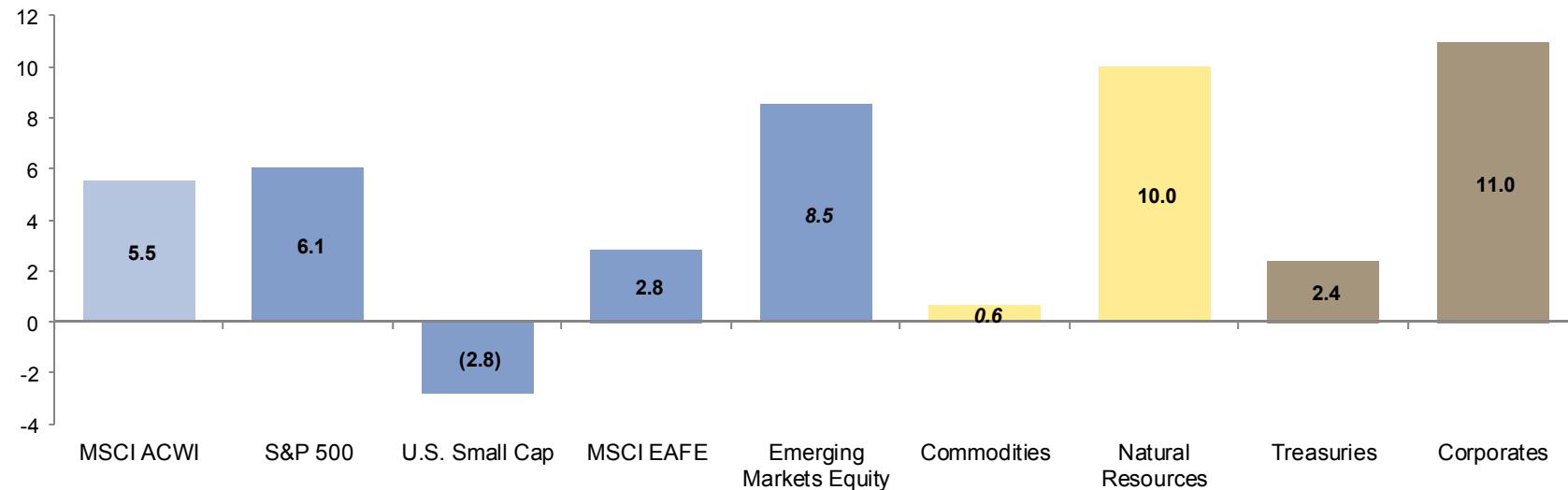
Private Investments include private equity, venture capital, and private real estate.

## Recent Market Returns (Through July 2014)

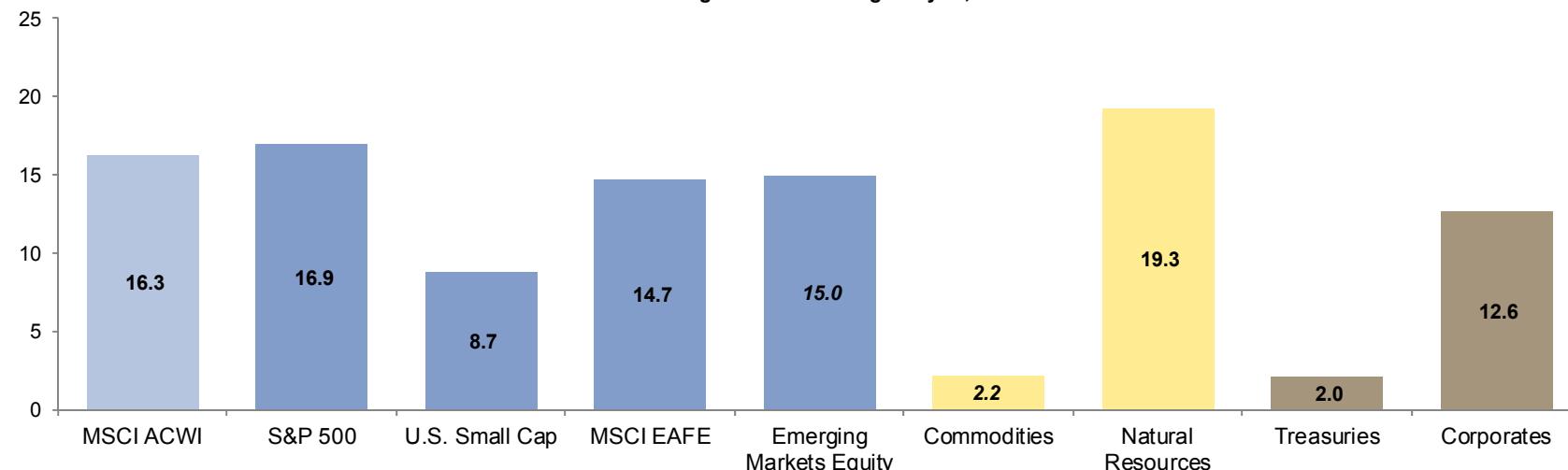
Strong Returns Across Equities, Natural Resources, and Corporate Bonds

### Returns for Selected Indices (in U.S. Dollars)

Year-to-Date Through July 31, 2014



Trailing One Year Through July 31, 2014

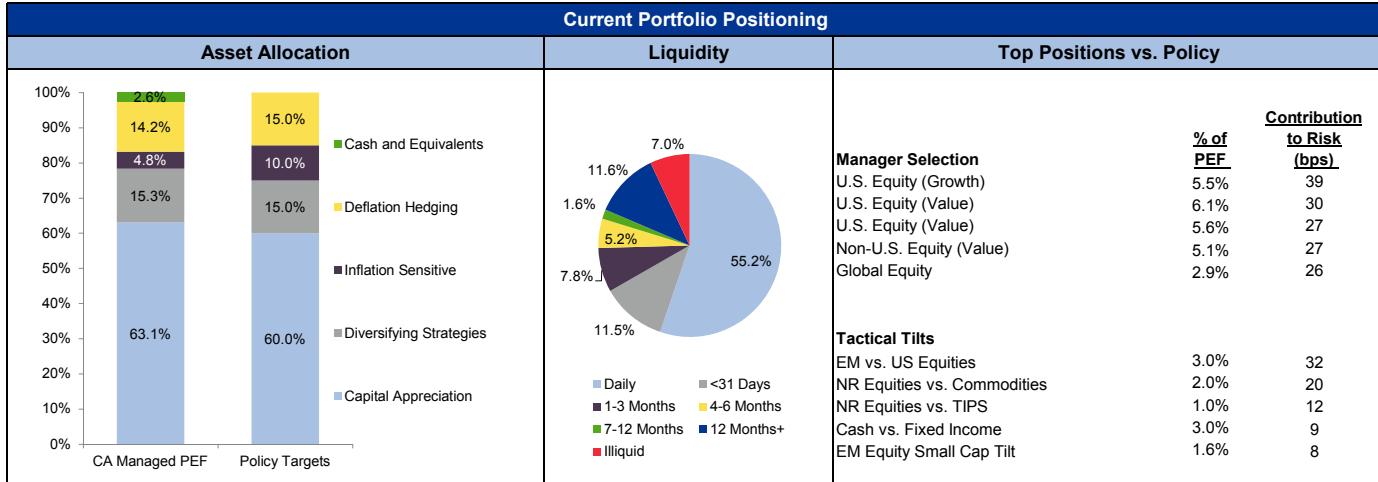
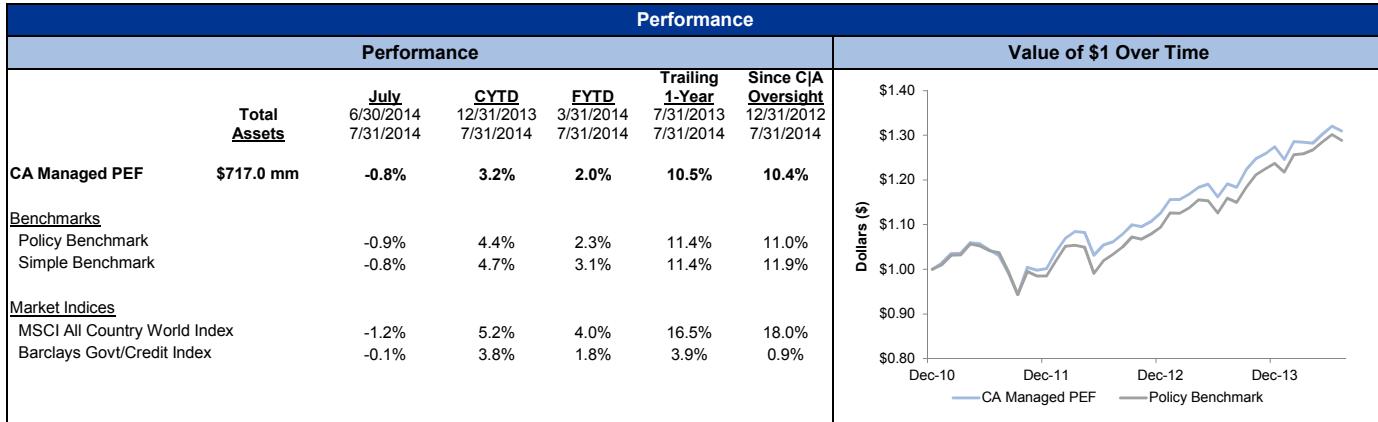


All indices are total return (sourced from Bloomberg) and are as follows, from left to right: MSCI ACWI, S&P 500, Russell 2000, MSCI Daily TR Net EAFE, MSCI Daily TR Net Emerging Markets, DJUBS Commodity Total Return, MSCI World Natural Resources, Barclays' Treasuries and Barclays Investment Grade Corporates.

## PEF Performance Summary (As of July 31, 2014)

Portfolio (Inception Date)	Total Return (%)				
	Total Assets (\$ mm)	Latest Month July	CYTD	Cumulative Trailing 1 Year	Annualized Since C A Oversight
<b>CA Managed PEF (12/31/12)</b>	<b>\$717.0</b>	<b>-0.8</b>	<b>3.2</b>	<b>10.5</b>	<b>10.4</b>
Policy Benchmark		-0.9	4.4	11.4	11.0
<i>Value Added</i>		0.1	-1.2	-0.9	-0.6
Simple Benchmark (12/31/12)		-0.8	4.7	11.4	11.9
<i>Value Added</i>		-0.1	-1.5	-0.9	-1.5
<b>Market Indices</b>					
MSCI All Country World Index		-1.2	5.2	16.5	18.0
S&P 500 Index		-1.4	5.7	16.9	23.6
Barclays Aggregate Bond Index		-0.3	3.7	4.0	1.0

Objectives
<b>Financial Objectives:</b>
<ul style="list-style-type: none"> <li>Provide a stream of relatively stable and constant earnings in support of annual budgetary needs; and</li> <li>Preserve and enhance the real (inflation-adjusted) purchasing power of the Endowment Fund.</li> </ul>
<b>Investment Objectives:</b>
<ul style="list-style-type: none"> <li>Attain a real compound annual return of at least 5.5%, net of investment expenses, on average, over a five- to seven-year period;</li> <li>Outperform the Endowment Fund's custom policy benchmark; and</li> <li>Invest in accordance with the Social Witness Principles of the General Assembly of the PC(USA).</li> </ul>
Monthly Performance Commentary
<ul style="list-style-type: none"> <li>Global equity markets (MSCI ACWI Index) were negative for the month, returning -1.2%. Emerging market stocks (MSCI Emerging Markets Index; +2.0%) outperformed U.S. stocks (Russell 3000 Index; -2.0%) and developed non-U.S. stocks (MSCI EAFE Index; -2.0%). Bonds were negative for the month, returning -0.1% (Barclays Government / Credit Index).</li> <li>In July, PEF returned -0.8%. This is compared to -0.9% for the Policy Benchmark. For the Calendar Year-to-Date, PEF returned +3.2% versus +4.4% for the Policy Benchmark.</li> <li>PEF's Capital Appreciation strategies returned -0.9% during the month, while Diversifying Strategies returned -0.6%. PEF's macroeconomic hedges - Inflation Sensitive and Deflation Hedging strategies - returned -2.4% and -0.0%, respectively.</li> </ul>



## Notes:

Inception Date: 12/31/2010

Policy Benchmark: 50% Long Only Equity Custom Benchmark / 10% HFRI Equity Hedge Index / 15% HFRI Event Driven Index / 10% Inflation Sensitive Custom Benchmark / 12% Barclays Gov't/Credit Index / 3% Citigroup World Government Bond Index from 8/1/13 to present.

MSCI All Country World Index: Represents global equities, including public equities of U.S., ex-U.S., and emerging market companies.

Liquidity is as of June 30, 2014

# Growth Fund

## Investment Strategy

The Fund invests primarily in common stocks and other equity securities of companies of all sizes, domestic and foreign, that are believed to have long-term growth potential. Investment decisions are consistent with the social-witness principles of the General Assembly of the Presbyterian Church (U.S.A.).

## Fund Details

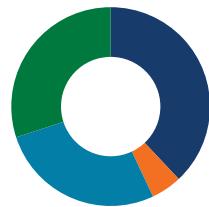
Total Net Assets	\$424.9 Million
Share Class	Class A
Ticker	NCGFX
CUSIP	643642101
Inception Date	7/1/1999
Expense Before Waivers	1.15%
Expense After Waivers	1.02%

\* Fee waivers are voluntary and may be discontinued at any time.

## Investment Philosophy and Process

The Fund uses a multi-manager approach to portfolio construction that seeks to generate excess returns (i.e., returns in excess of benchmark) and at the same time provide diversification by avoiding over-concentration in a single investment style, sector or market trend. Asset allocation to a given manager is based on the manager's skill set, the current macroeconomic environment and the risks inherent in each manager's strategy.

## Manager Allocations



- Brandywine Global Inv't Mgmt, LLC - 38%
- Parametric Portfolio Associates, LLC - 5%
- Sustainable Growth Advisers, L.P. - 27%
- Waddell & Reed Investment Mgmt Co. - 30%

## Manager Details

### Start Date

### Key Attributes

■ Brandywine Global Investment Management, LLC	Oct 22, 2013	Encompasses varying value sub-styles, providing flexibility to adapt
■ Parametric Portfolio Associates, LLC	Apr 11, 2012	Consolidates trades across all managers in the portfolio to reduce trading costs
■ Sustainable Growth Advisers, L.P.	Oct 19, 2011	Concentrated, high-quality focus, long-term approach
■ Waddell & Reed Investment Management Company	Apr 11, 2012	Differentiated research culture coupled with macro thematic exposure

## Performance Review

Period	Cumulative (%) as of 6/30/14			Annualized (%) as of 6/30/14				
	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception
Growth Fund	2.78	4.62	5.56	24.18	13.23	16.15	6.51	3.59
Calendar Year Returns (%)	2013	2012	2011	2010	2009	2008	2007	2006
Growth Fund	27.55	17.14	-3.02	14.08	27.77	-38.93	5.02	13.42

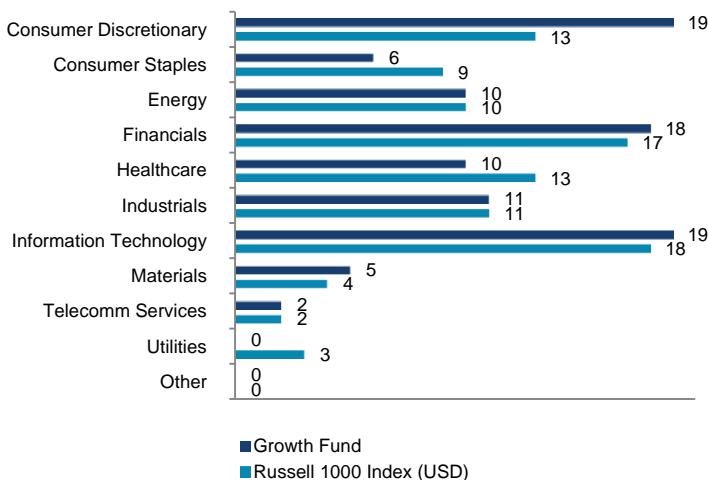
Performance data quoted is historical and past performance does not guarantee future results. Current performance may be higher or lower. Performance current to the most recent month end can be obtained by calling 1-877-835-4531. The principal value and investment return of an investment will fluctuate so that shares, when redeemed, may be worth more or less than their original value.

To determine if the Fund(s) are an appropriate investment for you, carefully consider the investment objectives, risk factors and charges and expenses before investing. This and other information can be found in the Fund's prospectus, which can be obtained by calling 1-877-835-4531. Read the prospectus carefully before investing.

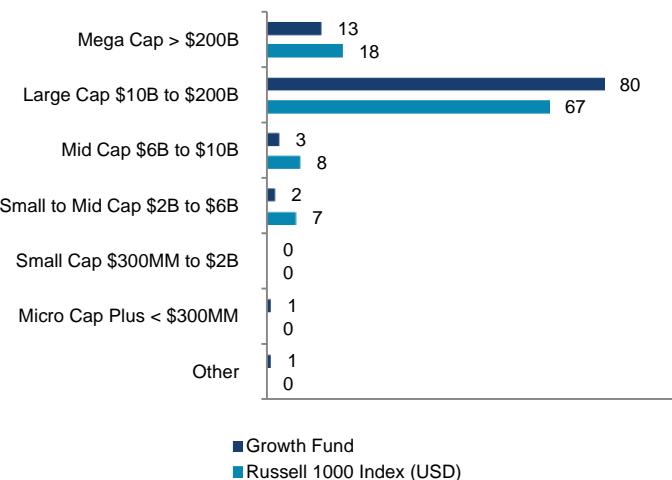
Portfolio Characteristics	Fund	Index
WEIGHTED CAPITALIZATION (\$ MIL)	\$90,702	\$110,308
NUMBER OF HOLDINGS	242	1,027
PRICE-TO-BOOK RATIO	3.58	3.74
MEDIAN FORWARD PRICE-TO-EARNINGS RATIO	17.38	16.92
BETA	1.08	1.00
TRACKING ERROR (3 YEAR)	2.72%	n/a
STANDARD DEVIATION (3 YEAR)	13.52%	12.29%

Top Ten Securities	% of Net Assets
CITIGROUP INC	2.27
BANK OF AMERICA CORP	2.00
APPLIED MATERIALS INC	1.85
JPMORGAN CHASE & CO	1.74
TOYOTA MOTOR CORPORATION	1.59
DOW CHEMICAL COMPANY (THE)	1.55
METLIFE INC	1.54
YUM! BRANDS INC.	1.51
GENERAL MOTORS CO	1.39
AMAZON.COM INC	1.38

### Top 10 Sectors (% of portfolio)



### Market Capitalization (% of portfolio)



### Glossary and Disclosures

**Beta:** Quantitative measure of the Fund's volatility relative to the benchmark used. A beta above 1 indicates the fund is more volatile than the overall market, while a beta below 1 indicates the fund is less volatile.

**Median Forward Price to Earnings Ratio:** Forecasted value (using median range of values – the middle set of values in a distribution range) of the market capitalization divided by the after-tax earnings for the prior 12-month period. The higher the P/E ratio, the more the market is willing to pay for each dollar of annual earnings. (Source: Russell)

**Price to Book Ratio:** Stock's capitalization divided by its book value, where book value is the value of an asset as it appears on a balance sheet, equal to cost minus accumulated depreciation. The value is the same whether the calculation is done for the whole company or on a per-share basis.

**Standard Deviation (Absolute):** Used to describe historical volatility, a statistical measure of the distance a quantity is likely to lie from its average value. It is applied to the annual rate of return of an investment, to measure the investment's volatility (risk). Standard Deviation is synonymous with volatility, in that the greater the standard deviation the more volatile an investment's return will be. A standard deviation of zero would mean an investment has a return rate that never varies.

**Tracking Error:** The measure of the risk of the portfolio relative to the benchmark.

**Weighted Capitalization:** The market price of an entire company, calculated by multiplying the number of shares outstanding by the price per share.

For those New Covenant Funds which employ the 'manager of managers' structure, New Covenant has ultimate responsibility of the investment performance of the Fund due to its responsibility to oversee the sub-advisers and recommend their hiring, termination and replacement.

Current and future portfolio holdings are subject to risks. In addition to the normal risks associated with equity investing, international investments may involve risk of capital loss from unfavorable fluctuation in currency values, from difference in generally accepted accounting principles or from economic or political instability in other nations. Narrowly focused investments and smaller companies typically exhibit higher volatility. Products of companies in which technology funds invest may be subject to severe competition and rapid obsolescence.

• Not FDIC Insured • No Bank Guarantee • May Lose Value

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# Income Fund

## Investment Strategy

The Fund invests primarily in corporate bonds and government bonds issued or guaranteed by the U.S. government or one of its agencies, and mortgage-backed and asset backed securities of varying maturities. Investment decisions are consistent with the social-witness principles of the General Assembly of the Presbyterian Church (U.S.A.).

## Fund Details

Total Net Assets	\$309.0 Million
Share Class	Class A
Ticker	NCICX
CUSIP	643642200
Inception Date	7/1/1999
Expense Before Waivers	0.95%
Expense After Waivers	0.80%

\* Fee waivers are voluntary and may be discontinued at any time.

## Investment Philosophy and Process

The Fund uses a multi-manager approach to portfolio construction that seeks to generate excess returns (i.e., returns in excess of benchmark) and at the same time provide diversification by avoiding over-concentration in a single investment style, sector or market trend. Asset allocation to a given manager is based on the manager's skill set, the current macroeconomic environment and the risks inherent in each manager's strategy.

## Manager Allocations



■ JP Morgan Investment Mgmt Inc. - 50%

■ Western Asset Management Company - 50%

## Manager Details

### Start Date

### Key Attributes

■ JP Morgan Investment Management Inc.  
■ Western Asset Management Company

Apr 30, 2012  
Apr 30, 2012

Fundamental research at the individual security level  
Successful implementation of macro-driven investment process

## Performance Review

Period	Cumulative (%) as of 6/30/14			Annualized (%) as of 6/30/14				
	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception
Income Fund	0.09	1.60	2.83	3.31	2.70	4.71	2.80	3.93
Calendar Year Returns (%)	2013	2012	2011	2010	2009	2008	2007	2006
Income Fund	-1.63	4.04	5.32	6.37	12.81	-14.63	5.65	3.90

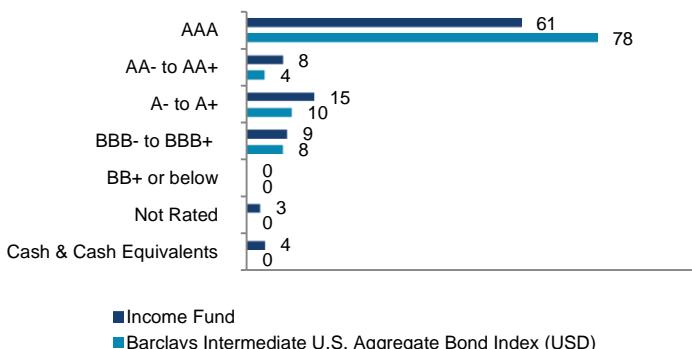
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Portfolio Characteristics	Fund	Index
EFFECTIVE DURATION (YEARS)	3.60	3.92
WEIGHTED AVERAGE LIFE (YEARS)	4.63	4.33
30-DAY SEC YIELD	1.47	n/a
UNSUBSIDIZED 30-DAY SEC YIELD	1.32	n/a
NUMBER OF HOLDINGS	909	6,889

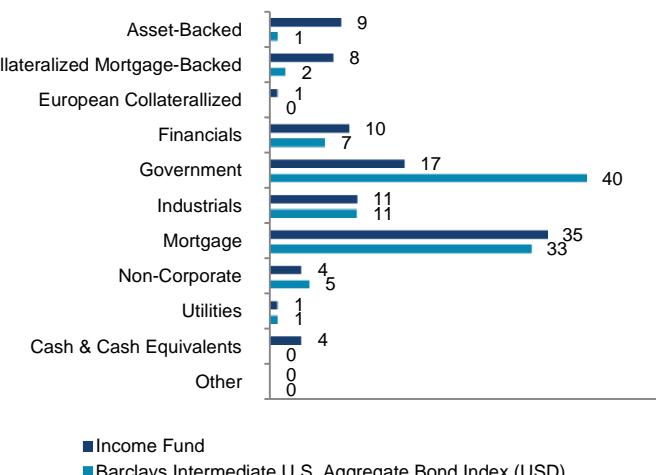
Top Ten Securities	% of Net Assets
DEUTSCHE BANK SECURITIES INC (REPO)	4.88
BARCLAYS CAPITAL INC (REPO DEALER)	3.44
FNMA 30YR 2012 PRODUCTION 4.00% 04/01/2042	1.72
FNMA 30YR TBA(REG A) 4.00% 08/12/2014	1.54
UNITED STATES TREASURY 1.88% 06/30/2020	1.07
UNITED STATES TREASURY 1.38% 05/31/2020	0.98
FNMA 30YR TBA(REG A) 4.00% 07/14/2014	0.93
GNMA2 30YR 2010 PRODUCTION 5.00% 07/20/2040	0.89
FNMA 15YR TBA(REG B) 3.00% 07/17/2014	0.77
FNMA 10YR BALLOON MULTI 5.56% 06/01/2017	0.74

### Credit Quality (% of portfolio)



The credit quality of a fund's holdings is derived using Standard & Poor's as the ratings source. The purpose of the ratings is to provide investors with a simple system of gradation by which relative creditworthiness of a fund's securities may be noted. Ratings are measured on a scale that generally ranges from AAA (highest) to D (lowest).

### Top 10 Sectors (% of portfolio)



### Glossary and Disclosures

**Effective Duration:** Duration is a measure of a security's price sensitivity to changes in interest rates. Specifically, duration measures the potential change in value of a bond that would result from a 1% change in interest rates. The shorter the duration of a bond, the less its price will potentially change as interest rates go up or down; conversely, the longer the duration of a bond, the more its price will potentially change.

For those New Covenant Funds which employ the 'manager of managers' structure, New Covenant has ultimate responsibility of the investment performance of the Fund due to its responsibility to oversee the sub-advisers and recommend their hiring, termination and replacement.

Current and future portfolio holdings are subject to risks. In addition to the normal risks associated with equity investing, international investments may involve risk of capital loss from unfavorable fluctuation in currency values, from difference in generally accepted accounting principles or from economic or political instability in other nations. Narrowly focused investments and smaller companies typically exhibit higher volatility. Products of companies in which technology funds invest may be subject to severe competition and rapid obsolescence.

Bonds and bond funds will decrease in value as interest rates rise.

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