# MPI Plan Analyzer

Report created on | November 15, 2012

All data contained is as of | September 28, 2012 unless otherwise noted



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**Prepared For** 

Prepared By

ABC Retirement Plan

Financial Advisor XYZ Company

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**Small and Mid-Stocks-** Investments in small- or mid-cap companies may involve a higher degree of risk and volatility than investments in large-cap companies.

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**Fixed Income-** Investments in bonds are subject to interest rate and credit risks. As interest rates rise, bond prices fall, reducing the value of the fund's share price.

**Credit Quality-** Lower-rated, higher yielding bonds known as "junk bonds" are subject to greater risk of loss to principal and interest and greater credit risk, including the risk of default, than higher-rated bonds.

**Money Markets-** Please note that your investment is neither insured nor guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although money markets often seek to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in the money market.

**Non-diversification-** Non-diversified funds often invest in a limited number of issuers. As such, changes in the financial condition or market value of a single issuer may cause greater volatility or have a greater effect on the fund's share price.

**Derivatives-** Some funds may invest in derivatives, such as options and futures, which can be illiquid and may disproportionately increase losses, and have a potentially large impact on fund performance.

**Investment Objective**- There is no guarantee that a fund's investment objective will be achieved.

Sections of this presentation contain data and information pertaining to various market indices. Indices are unmanaged and their returns do not include any sales charges or fees that an investor would pay to purchase the securities. Such costs would lower the performance shown. **Investors cannot invest directly in an index.** 

Returns less than one year are not annualized. Performance returns for 3, 5, and 10 year and since inception time periods are annualized.

### 09/12 | Defined Contribution Plan Report

### **ABC Retirement Plan Analysis**

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### **Asset Class Leadership**

#### **CALENDAR YEAR RETURNS**

The chart below illustrates how often different styles rotate in market leadership over time and why style diversification may help to minimize overall portfolio volatility. In the chart below, the style with the highest return is highlighted for each year.

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	YTD		
♦ Best	Sm Value 14.02	Bonds 10.25	Sm Growth 48.54	Mid Value 23.70	International 14.02	International 26.86	Large Growth 12.15	Bonds 5.24	Mid Growth 46.29	Sm Growth 29.09	Bonds 7.84	Large Growth 17.97		
	Bonds 8.44	Cash 1.78	Sm Value 46.03	Sm Value 22.25	Mid Value 12.65	Sm Value 23.48	International 11.63	Cash 2.06	Sm Growth 34.47	Mid Growth 26.38	Large Growth 4.63	Large Value 16.46		
	Cash 4.42	Mid Value -9.64	Mid Growth 42.71	International 20.70	Mid Growth 12.10	Large Value 22.99	Mid Growth 11.43	Sm Value -28.92	Mid Value 34.21	Mid Value 24.75	Large Value 1.12	Sm Value 14.37		
	Mid Value 2.33	Sm Value -11.42	International 39.17	Mid Growth 15.48	Global 10.02	Global 20.65	Global 9.57	Large Growth -36.06	Large Growth 34.01	Sm Value 24.50	Cash 0.10	Sm Growth 14.08		
	Large Value -8.79	International -15.66	Mid Value 38.07	Global 15.25	Sm Value 4.71	Mid Value 20.22	Sm Growth 7.05	Large Value -36.09	International 32.46	Large Growth 13.21	Mid Value -1.38	Mid Value 14.03		
	Sm Growth -9.23	Large Value -18.02	Global 33.76	Sm Growth 14.31	Large Value 4.60	Sm Growth 13.35	Bonds 6.97	Mid Value -38.44	Global 30.79	Global 12.34	Mid Growth -1.65	Mid Growth 13.88		
	Global -16.52	Global -19.54	Large Value 26.75	Large Value 13.34	Sm Growth 4.15	Mid Growth 10.66	Cash 5.00	Sm Growth -38.54	Sm Value 20.58	Large Value 11.69	Sm Growth -2.91	Global 13.56		
	Mid Growth -20.15	Mid Growth -27.41	Large Growth 26.63	Bonds 4.34	Cash 3.07	Large Growth 8.56	Large Value 0.25	Global -40.33	Large Value 14.59	International 8.21	Global -5.02	International 10.59		
	Large Growth -20.49	Large Growth -27.98	Bonds 4.10	Large Growth 3.74	Large Growth 2.88	Cash 4.85	Mid Value -1.42	International -43.06	Bonds 5.93	Bonds 6.54	Sm Value -5.50	Bonds 3.99		
Worst	International -21.21	Sm Growth -30.26	Cash 1.15	Cash 1.33	Bonds 2.43	Bonds 4.33	Sm Value -9.78	Mid Growth -44.32	Cash 0.21	Cash 0.13	International -11.73	Cash 0.07		
	US Equity Large Value Large Growth Mid Value Mid Growth Small Value Small Growth						Fixed Incom Bonds Cash	<u>e</u>		Global Equity International Global				
	Representa US Asset C		:	Large Value: Mid Value: Sm Value:	lue: Russell Mid-Cap Value			alue Mid Growth:			Russell Top 200 Growth Russell Mid-Cap Growth Russell 2000 Growth			
	Global: International: MSCI EAFE Fixed Income: Bonds: Barclays Capital						U.S. Aggreg	Globa ate Cash		MSCI The World Merrill Lynch 3-Mo T-Bill				

Diversification does not assure a profit or protect against loss. Please see the Disclosure section for definition of all indices discussed.

#### **Financial Market Snapshot**

#### **U.S. EQUITY**

The broad U.S. equity market, as measured by the Russell 3000 Index, was up 6.23% for the last three months.

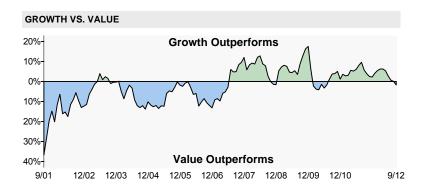
Value stocks (Russell 1000 Value: 6.51%) outperformed growth stocks (Russell 1000 Growth: 6.11%) by 0.4% over the trailing three month period.

#### **FIXED INCOME**

The broad U.S. fixed income market returned a positive 1.59% (Barclays Capital U.S Aggregate) for the quarter.

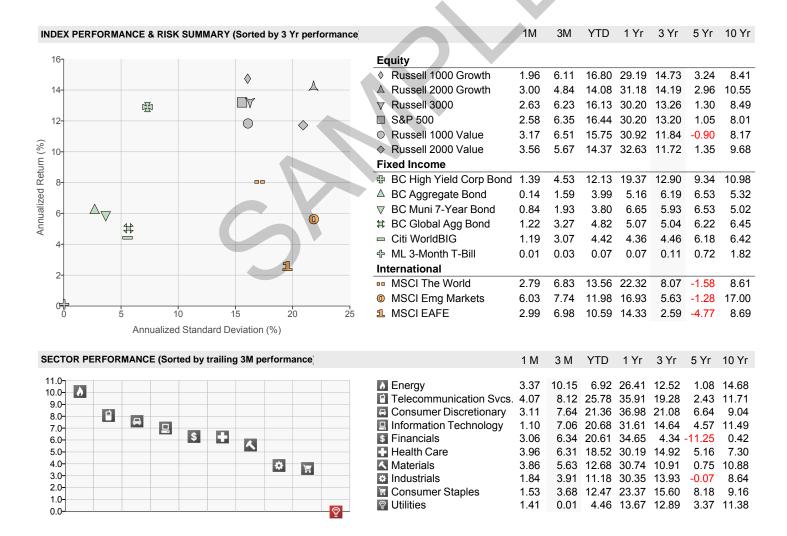
#### INTERNATIONAL

Developed international equity outperformed U.S. equity by a small margin, returning a positive 6.98% in the last three months (MSCI EAFE).



Within the last 1 year, value stocks outperformed growth stocks by 1.73%. For the trailing 3 months, value stocks outperformed growth stocks by 0.4%.

The graph above is plotted using a rolling 12month time period. Growth is represented by the Russell 1000 Growth Index. Value is represented by the Russell 1000 Value Index.



The information contained on the following pages contains performance data. Please read the important information below prior to or in conjunction with the following pages.

The performance data for the funds shown are calculated and provided by Morningstar, Inc. The performance is expressed in percentage terms, Morningstar's calculation of total return is determined each month by taking the change in monthly net asset value, reinvesting all income and capital-gains distributions during that month, and dividing by the starting NAV. Reinvestments are made using the actual reinvestment NAV, and daily payoffs are reinvested monthly. Unless otherwise noted, Morningstar does not adjust total returns for sales charges (such as front-end loads, deferred loads and redemption fees), as funds are considered to be purchased within a retirement plan. Bear in mind that funds purchased outside of a retirement plan would impose sales charges and returns would be less. The total returns do account for management, administrative, 12b-1 fees and other costs taken out of fund assets. Total returns for periods longer than one year are expressed in terms of compounded average annual returns (also known as geometric total returns), affording a more meaningful picture of fund performance than non-annualized figures. 401(k) programs may impose additional program fees in addition to those that are charged by the investments within the 401(k) program. Monthly returns are calculated by Morningstar as described above. Performance for all other time periods are calculated by MPI Stylus. MPI calculates performance from one period to the next using the industry standard method of geometric compounding. Annualized return converts the Total Return to an annual basis for comparison purposes.

#### For Mutual Funds:

The performance shown represents past performance. Past performance is no guarantee of future results and current performance may be higher or lower than the performance shown. Principal value and investment returns will fluctuate, and investors' shares, when redeemed, may be worth more or less than the original cost. YTD (Year-to-Date) returns are cumulative figures and are not annualized. YTD returns are calculated from January 1 of the reporting year. Performance shown is for a specific share class as identified by the ticker symbol. All classes of shares are not available through all distribution channels. Total Return figures are based on the NAV per share applied to shareholder subscriptions and redemptions, which may differ from the NAV per share disclosed in Fund shareholder reports.

Gross expenses are the Fund's total annual operating expenses for the share class(es) shown in the Fund's most current prospectus. Net expenses are the Fund's total annual operating expenses (after foregoing fees and/or reimbursing expenses pursuant to expense limitation arrangements) for the share class(es) shown in the Fund's most current prospectus. These expenses include management fees, 12b-1 distribution and service fees, and other expenses. In periods of market volatility, assets may decline significantly, causing total annual fund operating expenses to become higher than the numbers shown in the report.

For funds that currently do not have forgone and/or reimbursed fees, gross and net expenses are the same. Net expenses are the Fund's total annual operating expenses for the share class(es) indicated as of the date of the Fund's most current prospectus and would reflect forgone and/or reimbursed fees, where these reductions reduce the fund's gross expenses. Funds showing different gross and net expense ratios reflect forgone and/or reimbursed fees, where these reductions reduce the fund's gross expenses. These fee arrangements may not be terminated without the Board's consent prior to the date listed in each Fund's prospectus and are subject to future recapture by the investment manager. Please see the Fund's prospectus for more details on fees, expenses and expense limitation arrangements, if any. The Fund's manager has contractually agreed to reimburse operating expenses for: Western Asset Inflation Indexed Plus Bond Portfolio Class I shares of 0.02% until April 30, 2012; Western Asset Limited Duration Bond Portfolio Class I shares of 0.10% until April 30, 2012; and Western Asset Non-U.S. Opportunity Bond Portfolio Class I shares of 0.04% until April 30, 2012.

For Legg Mason Batterymarch Emerging Markets Trust, Legg Mason Batterymarch International Equity Trust, Legg Mason Investment Counsel Maryland Tax-Free Income Trust, Legg Mason BW Diversified Large Cap Value Fund, Legg Mason Manager Select Large Cap Value Fund, Legg Mason Manager Select Large Cap Value Fund, Legg Mason Capital Management Disciplined Equity Research Fund, Legg Mason BW Absolute Return Opportunities Fund, Legg Mason Strategic Real Return Fund, Legg Mason BW International Opportunities Bond Fund, Legg Mason Capital Management Value Trust, Legg Mason Capital Management Trust, Legg Mason Capital Management Opportunity Trust, Legg Mason Batterymarch U.S. Small-Capitalization Equity Portfolio, Legg Mason BW Global Opportunities Bond Fund, Western Asset Limited Duration Bond Portfolio, Western Asset Intermediate Bond Portfolio, Western Asset Core Bond Portfolio, Western Asset

### 09/12 | Important Information Regarding Performance

Core Plus Bond Portfolio, Western Asset Inflation-Indexed Plus Bond Portfolio, Western Asset High Yield Portfolio, Western Asset Non-U.S. Opportunity Bond Portfolio, Western Asset Absolute Return Bond Portfolio, the manager is permitted to recapture amounts forgone or reimbursed to a class within three years after the day on which the manager earned the fee or incurred the expense if the class's total annual operating expenses have fallen to a level below the expense cap shown in the Fund's prospectus.

For all other Legg Mason or Western Asset funds, the manager is permitted to recapture amounts forgone or reimbursed to a class during the same fiscal year if the class' total annual operating expenses have fallen to a level below the limits described above.

### For Variable Annuity Subaccounts:

The performance returns do not reflect the deduction of insurance contract charges and expenses imposed in connection with investing in a variable annuity or insurance contract, including but not limited to administrative fees, account charges and surrender charges and surrender charges, which if reflected, would reduce performance. These portfolios are available as an investment option under a variable annuity or variable life contract. Shares of these portfolios are offered only to insurance company separate accounts that fund certain variable annuity or life contracts. Variable annuities are long-term, tax-deferred investment vehicles designed for retirement purposes. Gains from tax-deferred investments are taxable as ordinary income upon withdrawal. Withdrawals made prior to age 59 1/2 are subject to a 10% IRS penalty charge and/or surrender charges. Investments in a variable annuity are subject to market risks, including loss of principal. Guarantees are based on the claims-paying ability of the insurer. To obtain performance data current to the most recent month-end, please call the Legg Mason Sales Desk at 866-268-8076.

For portfolios that currently do not have waived and/or reimbursed fees, gross and net expenses are the same. Net expenses are the portfolio's total annual operating expenses for the share class(es) indicated as of the date of the portfolio's most current prospectus and would reflect waived and/or reimbursed fees, where these reductions reduce the portfolio's gross expenses. Portfolios showing different gross and net expense ratios reflect waived and/or reimbursed fees, where these reductions reduce the portfolio's gross expenses. These fee arrangements may not be terminated without the Boards' consent prior to the date listed in each portfolio's prospectus and are subject to future recapture by the investment manager. Please see the Portfolio's prospectus for more details on fees, expenses and expense limitation arrangements, if any. In periods of market volatility, assets may decline significantly, causing total annual portfolio operating expenses to become higher than the numbers shown in the report.

#### **Royce Funds:**

Royce & Associates has contractually agreed to waive fees and/or reimburse operating expenses, other than acquired fund fees and expenses, to the extent necessary to maintain the net direct annual operating expenses to levels shown below:

Through April 30, 2020 to the extent necessary to maintain the net direct annual operating expense ratio at or below 1.99% for:

Royce 100 Fund R and K Classes

Royce Dividend Value Fund Investment and Service Classes

Royce Heritage Fund R and K Classes

Royce Low-Priced Stock Fund R and K Classes

Royce Opportunity Fund R and K Classes

Royce Pennsylvania Mutual Fund K Class

Royce Premier Fund R and K Classes

Royce Total Return Fund R Class

Royce Value Fund R and K Classes

Royce Value Plus Fund R and K Classes

Performance prior to the date of commencement of certain Fund's Investment Class shares (Royce 100 Fund - 3/15/2007, Royce Low-Priced Stock Fund - 3/15/2007, Royce Heritage Fund - 3/15/2007, Royce Value Fund - 3/15/2007, Royce Value Plus Fund - 3/15/2007 and Royce Dividend Value Fund - 9/14/2007) reflects Service Class results; Service Class shares (Royce Pennsylvania Mutual - 11/08/05, Royce Micro-Cap - 8/30/02, Royce Opportunity - 5/22/00, Royce Premier - 9/3/02, Royce Special Equity - 5/1/03, Royce Total Return - 1/3/02) reflects Investment Class results; Consultant Class shares (Royce Pennsylvania Mutual - 6/17/97, Royce Micro-Cap - 5/1/98, Royce Total Return - 10/16/01, Royce Heritage - 12/7/01, Royce Premier - 6/2/03, Royce Special Equity - 6/2/03, Royce Value - 3/30/06, Royce Value Plus - 3/30/06) reflects Investment/Service Class results; Institutional Class shares (Royce Opportunity

### 09/12 | Important Information Regarding Performance

Fund - 12/12/01, Royce Premier Fund - 9/17/02, Royce Special Equity Fund - 7/25/03, Royce Total Return Fund - 3/4/03, Royce Value Fund - 6/1/06, Royce Value Plus Fund - 5/10/06 and Royce Low-Priced Stock Fund - 1/3/06) reflects Investment/Service Class results. Service Class shares bear an annual distribution expense that is not borne by the Investment Class shares. Consultant Class shares bear an annual distribution expense that is higher than or is not borne by the Investment/Service Class shares. If Service Class's annual distribution expense had been reflected, total returns prior to Service Class inception would have been lower. If Consultant Class's annual distribution expense had been reflected, total returns prior to Consultant Class inception would have been lower. The YTD and since inception results for periods of less than one year are not annualized. Charles M. Royce assumed management of Royce Pennsylvania Mutual Fund in November 1972, although the Fund's inception dates back to 1962.

Fees and expenses for funds not distributed by Legg Mason Investor Services, LLC are provided by Morningstar, Inc. In addition, different minimums may apply to clients of certain service agents. See the portfolio's prospectus or offering document for additional information regarding fees, expenses, and investment minimums.



# 09/12 | Fund Performance: Current vs. Proposed Comparison

### **Trailing Performance**

	Ticker			Annuali	zed Ret	urns	SinceIn	ception	Expense Ratio	Expense Ratio
		YTD	1 Yr	3 Yr	5 Yr	10 Yr	Return	Date	(Net)	(Gross)
Equity										
Large Value										
American Funds Washington Mutual A	AWSHX	12.05	25.08	13.49	0.52	7.47	11.76	07/31/1952	0.62	0.62
American Century Equity Income Instl	ACIIX	11.66	23.57	11.55	2.60	8.46	7.73	07/08/1998	0.75	0.75
Russell 1000 Value Index		15.75	30.92	11.84	-0.90	8.17				
Large Value Median		13.69	27.93	10.64	-0.56	7.70	<i>5.7</i> 2		1.10	1.22
Number of Funds in Peer Group		308	300	280	260	200	528		485	485
Large Blend										
Lord Abbett Fundamental Equity A	LDFVX	9.00	23.45	9.43	1.75	8.84	9.17	07/15/1996	1.09	1.09
Legg Mason ClearBridge Appreciation I	SAPYX	17.26	30.89	12.54	3.12	8.33	7.91	01/30/1996	0.71	0.71
S&P 500 Index		16.44	30.20	13.20	1.05	8.01				
Large Blend Median		14.66	27.66	11.34	0.56	7.57	5.08		1.09	1.22
Number of Funds in Peer Group		503	491	448	419	322	867		795	795
Large Blend - ETF										
SPDR S&P 500	SPY	16.31	30.01	13.10	0.99	7.91	8.23	01/22/1993	0.09	0.10
S&P 500 Index		16.44	30.20	13.20	1.05	8.01				
Large Blend Median		15.88	29.75	13.06	1.19	8.10	4.76		0.40	0.53
Number of Funds in Peer Group		43	41	31	25	8	69		68	68
Large Blend - SubAcct										
ING V AD-ING Pioneer Port I	449798222	10.30	23.20	9.83	-0.92		4.21	04-29-2005	0.73	0.73
S&P 500 Index		16.44	30.20	13.20	1.05	8.01				
Large Blend Median		15.08	27.92	11.14	0.25	7.58	4.13		0.85	0.89
Number of Funds in Peer Group		340	338	311	285	207	571		531	531
Large Growth										
American Funds Growth Fund of Amer R6	RGAGX	18.18	28.38	10.43	0.30	8.85	15.14	05/01/2009	0.33	0.33
JPMorgan Large Cap Growth A	OLGAX	14.69	25.16	17.03	4.13	8.66	6.93	02/22/1994	1.11	1.24
Russell 1000 Growth Index		16.80	29.19	14.73	3.24	8.41			4.40	4.00
Large Growth Median		15.92	26.71	11.98	1.33	7.63	5.57		1.19	1.30
Number of Funds in Peer Group		477	467	433	402	317	821		732	732
Mid-Cap Value										
Victory Established Value R	GETGX	8.65	24.76	11.49	4.29	10.96	11.29	08/16/1983	1.25	1.25
Russell Mid-Cap Value Index		14.03	29.28	13.86	1.73	10.96	7.00		4.05	4.00
Mid-Cap Value Median		12.58	27.09	11.64	1.37	9.82	7.08		1.25	1.33
Number of Funds in Peer Group		107	103	95	85	54	153		150	150
Mid-Cap Blend	D1401/1/	40.70	04.40	40.40		40.00	10.15	00/00/4005	4.4=	4.4=
Dreyfus Opportunistic Midcap Value A	DMCVX	12.76	31.40	12.46	5.04	13.29	12.15	09/29/1995	1.17	1.17
Russell Mid-Cap Index		14.00	28.03	14.26	2.24	11.18	6.05		1 20	1 11
Mid-Cap Blend Median Number of Funds in Peer Group		<i>12.93</i> 151	26.65 149	<i>12.29</i> 137	<i>1.60</i> 121	<i>9.25</i> 90	6.85 224		<i>1.28</i> 212	1.41 212
·		131	149	137	121	90	224		212	212
Mid-Cap Growth	00014	47.5-	24.00	40.55	,	44.01	40.00	05/04/4000	0.05	4.64
Goldman Sachs Growth Opportunities Instl		17.57	34.62	13.55	4.57	11.24		05/24/1999	0.95	1.01
Prudential Jennison Mid Cap Growth A	PEEAX	15.80	28.16	14.65	4.60 2.54	13.49	9.66	12/31/1996	1.09	1.09
Russell Mid-Cap Growth Index Mid-Cap Growth Median		13.88	26.69	14.73	2.54	11.11	6 71		1 26	1 11
•		12.45	24.74	12.99	1.35		6.71 300		1.26	1.41 347
Number of Funds in Peer Group		224	223	205	193	156	390		347	347

Current funds are shown in black. Proposed funds are shown in blue.

# 09/12 | Fund Performance: Current vs. Proposed Comparison

### **Trailing Performance**

	Ticker		,	Annualia	zed Ret	urns	SinceIn	ception	Expense Ratio	Expense Ratio
		YTD	1 Yr	3 Yr	5 Yr	10 Yr	Return	Date	(Net)	(Gross)
Small Growth										
JPMorgan Dynamic Small Cap Growth C	VSCCX	13.28	32.74	13.90	-0.19	7.72	5.53	01/07/1998	2.03	2.03
Columbia Small Cap Growth I A	CGOAX	13.44	28.22	14.52	2.35	10.87	7.50	11/01/2005	1.29	1.29
Legg Mason ClearBridge Small Cap Gr I	SBPYX	19.61	39.54	17.35	5.10	12.16	8.25	11/01/2004	0.85	0.85
Russell 2000 Growth Index		14.08	31.18	14.19	2.96	10.55				
Small Growth Median		13.04	28.19	13.62	2.03	9.89	6.82		1.37	1.51
Number of Funds in Peer Group		226	225	211	196	153	388		350	350
Fixed Income										
Intermediate-term Bond										
American Funds Bond Fund of Amer R6	RBFGX	5.71	7.20	7.16	4.26	5.47	9.67	05/01/2009	0.27	0.27
PIMCO Total Return Instl	PTTRX	9.08	11.51	7.69	8.92	6.95	8.39	05/11/1987	0.46	0.46
Western Asset Core Plus Bond I	WACPX	7.57	9.27	10.03	8.04	7.19	7.07	07/08/1998	0.45	0.45
BarCap US Aggregate Bond Index		3.99	5.16	6.19	6.53	5.32				
Intermediate-term Bond Median		5.88	7.37	6.99	6.57	5.33	5.99		0.70	0.84
Number of Funds in Peer Group		325	321	296	276	232	511		460	460
High Yield Bond										
Lord Abbett High Yield I	LAHYX	12.58	19.07	12.28	8.84	9.83	7.06	05/03/1999	0.78	0.78
Federated High-Income Bond A	FHIIX	11.56	18.22	12.29	8.26	9.65	8.87	11/30/1977	1.24	1.25
BarCap High Yield Corp Bond		12.13	19.37	12.90	9.34	10.98				
High Yield Bond Median		11.46	18.01	11.62	7.53	9.32	7.20		0.98	1.10
Number of Funds in Peer Group		149	142	133	122	96	214		202	202
Multisector Bond										
Putnam Diversified Income Y	PDVYX	8.85	9.98	8.64	3.88	6.59	5.37	07/01/1996	0.73	0.73
BarCap US Aggregate Bond Index		3.99	5.16	6.19	6.53	5.32				
Multisector Bond Median		9.10	12.60	9.42	6.87	8.16	6.96		1.00	1.17
Number of Funds in Peer Group		70	67	52	47	31	89		85	85
World Bond										
Templeton Global Bond Adv	TGBAX	11.87	13.25	8.30	9.75	11.23	8.49	12/31/1996	0.64	0.65
Legg Mason BW Global Opportunities Bd I	S GOBSX	10.15	11.00	10.40	8.67		8.61	11/01/2006	0.64	0.64
ML Global Broad Market Index		4.77	5.10	5.17	6.27	6.51				
World Bond Median		6.69	7.38	5.29	6.06	6.62	6.43		0.98	1.10
Number of Funds in Peer Group		80	76	67	53	43	107		103	103
Balanced										
Moderate Allocation										
Greenspring	GRSPX	6.25	13.69	6.44	3.34	8.91	9.61	07/01/1983	0.93	0.93
BlackRock Managed Volatility Instl	PBAIX	9.41	13.89	7.82	2.30	7.68	7.83	06/01/1993	1.02	1.08
DJ US Moderate Portfolio Index		10.75	19.24	10.87	4.28	8.39				
Moderate Allocation Median		10.59	18.14	8.68	2.24	6.99	6.06		1.15	1.27
Number of Funds in Peer Group		239	238	209	189	137	403		362	362
Target-Date 2000-2010										
AllianceBern 2000 Retirement Strat A	LTAAX	5.64	8.61	6.48	1.21		3.91	09/01/2005	0.86	2.02
DJ US 2010 Target Index		7.11	10.99	8.31	5.29	7.47				
Target-Date 2000-2010 Median		8.54	13.67	7.99	2.52	6.38	4.74		0.91	1.15
Number of Funds in Peer Group		38	37	33	27	5	58		57	57

Current funds are shown in black. Proposed funds are shown in blue.

### 09/12 | Fund Performance: Current vs. Proposed Comparison

### **Trailing Performance**

	Ticker			Annuali	zed Ret	urns	Since In	ception	Expense Ratio	Expense Ratio
		YTD	1 Yr	3 Yr	5 Yr	10 Yr	Return	Date	(Net)	(Gross)
Retirement Income										
Legg Mason Target Retirement R	LMERX	8.99	13.63	9.30			6.92	08/29/2008	1.40	6.18
DJ US Moderate Portfolio Index		10.75	19.24	10.87	4.28	8.39				
Retirement Income Median		7.95	12.51	7.73	2.65	5.56	3.79		0.85	0.90
Number of Funds in Peer Group		58	58	53	30	6	71		71	71
International										
Foreign Large Value										
MFS International Value I	MINIX	13.19	17.82	7.02	0.41	11.49	7.74	01/02/1997	0.96	0.96
MSCI EAFE Value		10.23	13.34	0.48	-5.74	9.10				
Foreign Large Value Median		9.10	13.83	1.37	-5.99	8.22	4.72		1.29	1.43
Number of Funds in Peer Group		101	97	90	78	56	132		128	128
Foreign Large Blend										
Legg Mason Glbl Curr Intl All Cap Opp I	SBIYX	13.75	18.18	4.64	-3.91	6.87	-2.29	12/29/2006	1.15	1.31
MSCI EAFE		10.59	14.33	2.59	-4.77	8.69				
Foreign Large Blend Median		10.63	15.55	2.68	-4.92	8.07	3.76		1.21	1.38
Number of Funds in Peer Group		214	213	196	168	125	315		297	297
Diversified Emerging Mkts										
JPMorgan Emerging Mkts Eq Instl	JMIEX	11.12	18.13	5.65	-0.60	17.21	6.05	11/15/1993	1.42	1.42
MSCI Emerging Markets		12.33	17.33	5.96	-0.98	17.37				
Diversified Emerging Mkts Median		11.77	17.07	5.19	-2.30	16.10	6.33		1.54	1.79
Number of Funds in Peer Group		160	148	111	83	52	207		202	202
Specialty										
Stocks- Computer Systems										
International Business Machines Corp	IBM	14.24	20.61	22.29	14.01	14.82				
S&P 500 Index		16.44	30.20	13.20	1.05	8.01				
Computer Systems Median		0.00	-7.65	-0.63	-18.33	-2.15				
Number of Funds in Peer Group		81	81	74	71	67	0		0	0

Current funds are shown in black. Proposed funds are shown in blue.

### 09/12 | Calendar Year Performance: Current vs. Proposed

	Ticker	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Equity											
Large Value											
American Funds Washington Mutual A	AWSHX	-14.85	25.83	9.92	3.55	18.04	3.97	-33.10	18.98	13.34	7.05
American Century Equity Income Instl	ACIIX	-4.79	24.65	12.61	2.66	19.82	1.88	-19.89	12.45	13.51	3.93
Russell 1000 Value Index		-15.52	30.03	16.49	7.05	22.25	-0.17	-36.85	19.69	15.51	0.39
Large Value Median		-17.81	28.34	13.61	6.11	18.42	1.92	-36.44	23.68	13.44	-0.77
Large Blend											
Lord Abbett Fundamental Equity A	LDFVX	-14.41	31.93	15.61	5.48	13.64	7.50	-28.75	25.86	19.21	-3.92
Legg Mason ClearBridge Appreciation I	SAPYX	-16.69	25.12	9.30	4.62	14.97	8.56	-28.79	21.78	12.70	2.45
S&P 500 Index		-22.10	28.68	10.88	4.91	15.79	5.49	-37.00	26.46	15.06	2.11
Large Blend Median		-22.16	27.91	10.48	5.10	14.79	5.29	-37.20	26.72	14.26	0.09
Large Blend - ETF											
SPDR S&P 500	SPY	-22.12	28.39	10.75	4.79	15.69	5.39	-36.97	26.42	14.93	2.06
S&P 500 Index		-22.10	28.68	10.88	4.91	15.79	5.49	-37.00	26.46	15.06	2.11
Large Blend Median		-22.12	28.53	11.02	6.03	15.52	5.39	-36.38	27.97	15.10	1.58
Large Blend - SubAcct											
ING V AD-ING Pioneer Port I	449798222					17.03	5.36	-34.53	24.45	16.13	-4.29
S&P 500 Index		-22.10	28.68	10.88	4.91	15.79	5.49	-37.00	26.46	15.06	2.11
Large Blend Median		-22.29	28.14	10.65	5.68	14.80	5.04	-37.54	27.13	14.44	-1.09
Large Growth											
American Funds Growth Fund of Amer R6	RGAGX	-22.02	32.90	11.95	14.23	10.94	10.95	-39.07	34.76	12.67	-4.53
JPMorgan Large Cap Growth A	<b>OLGAX</b>	-28.58	27.06	6.68	4.73	5.93	23.40	-39.72	34.51	22.31	2.72
Russell 1000 Growth Index		-27.88	29.75	6.30	5.26	9.07	11.81	-38.44	37.21	16.71	2.64
Large Growth Median		-26.10	28.32	8.42	6.51	7.94	12.99	-40.33	34.48	15.97	-1.51
Mid-Cap Value											
Victory Established Value R	GETGX	-9.95	33.18	16.29	12.89	14.63	7.45	-29.12	34.21	21.18	-0.03
Russell Mid-Cap Value Index		-9.64	38.07	23.70	12.65	20.22	-1.42	-38.44	34.21	24.75	-1.38
Mid-Cap Value Median		-13.32	36.05	18.65	9.91	16.06	1.79	-36.96	35.28	21.98	-4.22
Mid-Cap Blend											
Dreyfus Opportunistic Midcap Value A	DMCVX	-33.32	57.50	17.53	8.07	10.44	5.47	-39.83	61.76	25.06	-5.80
Russell Mid-Cap Index		-16.19	40.06	20.22	12.65	15.26	5.60	-41.46	40.48	25.48	-1.55
Mid-Cap Blend Median		-15.16	35.44	16.29	9.99	12.52	4.89	-38.45	35.36	22.51	-2.78
Mid-Cap Growth											
<b>Goldman Sachs Growth Opportunities Instl</b>	GGOIX	-26.96	33.01	16.42	4.84	6.51	19.87	-39.97	58.21	19.10	-3.70
Prudential Jennison Mid Cap Growth A	PEEAX	-33.51	43.11	19.32	17.24	9.47	16.07	-36.17	40.57	19.98	2.11
Russell Mid-Cap Growth Index		-27.41	42.71	15.48	12.10	10.66	11.43	-44.32	46.29	26.38	-1.65
Mid-Cap Growth Median		-26.41	35.39	13.04	9.89	9.08	15.09	-43.06	38.17	24.85	-3.55
Small Growth											
JPMorgan Dynamic Small Cap Growth C	VSCCX	-23.27	37.64	9.14	4.67	14.50	12.55	-44.09	26.79	32.46	-4.33
Columbia Small Cap Growth I A	CGOAX	-26.76	43.93	9.34	12.85	16.41	21.15	-42.92	37.36	30.89	-5.43
Legg Mason ClearBridge Small Cap Gr I	SBPYX	-32.90	50.95	15.24	5.15	12.89	10.03	-40.53	42.97	25.85	1.02
Russell 2000 Growth Index		-30.26	48.54	14.31	4.15	13.35	7.05	-38.54	34.47	29.09	-2.91
Small Growth Median		-26.89	43.67	12.73	6.02	10.86	7.49	-40.79	34.63	27.00	-3.38

Current funds are shown in black. Proposed funds are shown in blue.

### 09/12 | Calendar Year Performance: Current vs. Proposed

	Ticker	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Fixed Income											
Intermediate-term Bond											
American Funds Bond Fund of Amer R6	RBFGX	6.11	12.22	5.85	1.94	5.87	3.47	-12.33	15.12	7.64	6.85
PIMCO Total Return Insti	PTTRX	10.20	5.56	5.14	2.89	3.99	9.07	4.82	13.83	8.83	4.16
Western Asset Core Plus Bond I	WACPX	8.61	9.51	7.54	2.23	6.81	2.57	-9.78	26.20	11.97	6.72
BarCap US Aggregate Bond Index		10.25	4.10	4.34	2.43	4.33	6.97	5.24	5.93	6.54	7.84
Intermediate-term Bond Median		8.80	4.39	4.07	2.02	4.12	5.68	-1.66	12.13	7.51	6.47
High Yield Bond											•
Lord Abbett High Yield I	LAHYX	0.42	22.05	10.75	1.49	10.32	2.86	-23.17	50.75	14.53	3.38
Federated High-Income Bond A	FHIIX	1.89	23.46	10.56	2.47	10.48	3.36	-25.63	51.14	14.07	4.66
BarCap High Yield Corp Bond		-1.41	28.97	11.13	2.74	11.85	1.87	-26.16	58.21	15.12	4.98
High Yield Bond Median		-0.20	24.14	10.27	2.71	10.10	2.18	-24.52	48.18	14.24	3.49
Multisector Bond		0.20									00
Putnam Diversified Income Y	PDVYX	7.02	19.27	9.39	3.60	6.95	3.67	-36.18	58.18	13.47	-3.35
BarCap US Aggregate Bond Index		10.25	4.10	4.34	2.43	4.33	6.97	5.24	5.93	6.54	7.84
Multisector Bond Median		6.90	18.14	8.58	2.49	7.11	4.60	-14.19	27.54	11.00	3.71
World Bond		0.00	10.14	0.00	2.10		7.00	14.10	27.07	77.00	0.7 1
Templeton Global Bond Adv	TGBAX	20.23	21.64	14.93	-2.84	13.72	11.26	6.47	19.21	13.00	-2.21
Legg Mason BW Global Opportunities Bd IS	GOBSX	20.23	21.04	14.55	-2.04	13.72	9.93	-8.93	21.04	13.06	7.79
ML Global Broad Market Index	GODOX	16.53	12.67	9.15	-4.09	6.54	9.49	4.51	7.12	5.61	5.98
World Bond Median		14.97	15.33	9.80	-4.34	5.64	8.50	1.01	11.53	6.37	3.70
World Borid Wediam		14.31	10.55	9.00	-4.34	3.04	0.50	1.01	11.55	0.37	3.70
Balanced					·						
Moderate Allocation											
Greenspring	GRSPX	-5.99	31.34	8.69	6.57	12.29	5.32	-11.72	15.83	10.63	-0.26
BlackRock Managed Volatility Instl	PBAIX	-15.58	25.77	11.50	6.46	10.39	9.68	-26.69	27.01	14.04	-3.21
DJ US Moderate Portfolio Index		-10.57	24.06	11.17	6.00	10.19	4.87	-22.60	22.59	15.23	3.32
Moderate Allocation Median		-10.74		8.72	5.23	11.22	6.28	-26.95	23.05	11.87	-0.02
Target-Date 2000-2010											****
AllianceBern 2000 Retirement Strat A	LTAAX					12.15	5.79	-25.50	22.84	9.99	0.85
DJ US 2010 Target Index		-5.76	18.56	9.05	4.45	6.99	5.59	-9.86	13.96	10.09	6.01
Target-Date 2000-2010 Median		-4.45	15.61	6.96	4.69	9.23	6.30	-25.06	23.15	10.64	1.16
Retirement Income				0.00		0.20	0.00	20.00	200		
Legg Mason Target Retirement R	LMERX								27.32	13.85	1.63
DJ US Moderate Portfolio Index		-10.57	24.06	11.17	6.00	10.19	4.87	-22.60	22.59	15.23	3.32
Retirement Income Median		-2.72	11.94	6.11	3.33	6.97	5.14	-19.13	20.71	9.96	1.91
International											
Foreign Large Value											
MFS International Value I	MINIX	-6.56	32.75	27.46	14.63	28.52	7.54	-31.67	24.94	9.42	-1.69
MSCI EAFE Value		-15.60	45.96	24.88	14.39	31.05	6.49	-43.68	35.06	3.81	-11.65
Foreign Large Value Median		-12.88	39.18	21.54	14.28	26.94	8.81	-43.93	30.30	7.98	-12.85
Foreign Large Blend											
Legg Mason Gibi Curr Intl All Cap Opp I	SBIYX	-21.85	25.44	18.48	12.01	24.75	5.92	-43.75	31.30	11.18	-11.55
MSCI EAFE		-15.66	39.17	20.70	14.02	26.86	11.63	-43.06	32.46	8.21	-11.73
Foreign Large Blend Median		-16.37	34.43	17.70	14.05	24.87	12.45	-43.38	31.11	10.07	-13.78
Diversified Emerging Mkts											
JPMorgan Emerging Mkts Eq Instl	JMIEX	-8.84	50.90	37.33	28.28	34.89	37.04	-49.47	67.19	18.30	-16.98
MSCI Emerging Markets		-6.00	56.28	25.95	34.54	32.59	39.78	-53.18	79.02	19.20	-18.17
Diversified Emerging Mkts Median		-5.33	55.86	24.82	32.45	31.50	37.39	-54.29	74.08	18.67	-19.20

Current funds are shown in black. Proposed funds are shown in blue.

### 09/12 | Calendar Year Performance: Current vs. Proposed

	Ticker	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Specialty											
Stocks- Computer Systems											
International Business Machines Corp	IBM	-36.67	20.48	7.19	-15.84	19.76	12.86	-20.77	58.61	14.31	27.41
S&P 500 Index		-22.10	28.68	10.88	4.91	15.79	5.49	-37.00	26.46	15.06	2.11
Computer Systems Median		-50.00	50.43	1.06	-5.63	-9.09	-5.00	-58.56	12.75	0.00	-11.51



Current funds are shown in black. Proposed funds are shown in blue.

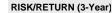
### 09/12 | Portfolio Snapshot: Current vs. Proposed Comparison

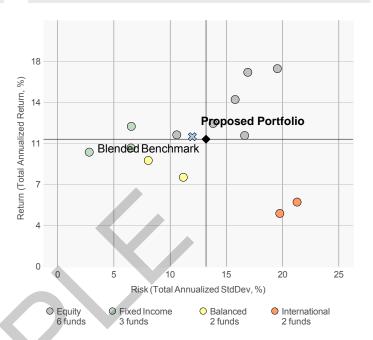
**Current Options: 18** Proposed Funds: 13

### **Current Plan**

### RISK/RETURN (3-Year) 25 20 Return (Total Annualized Return, %) Blended Benchmark O 0 Current Portfolio 00 0 0 0 10 15 20 25 Risk (Total Annualized StdDev, %) O Fixed Income Balanced International Specialty 2 funds 1 fund

### Proposed Plan

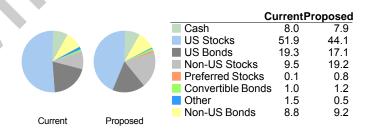




#### STYLE ANALYSIS (Returns-based)



#### PORTFOLIO ASSET COMPOSITION (Holdings-based)



### TO DATE PERFORMANCE



#### **CUMULATIVE PERFORMANCE**

	Current Portfolio: \$123.1 Benchmark: \$116.22	Proposed Portfolio: \$122.93 Benchmark: \$115.42
1447	Portiono. \$123.1 Dericiniark. \$110.22	Pottolio. \$122.95 Delicilitark. \$115.42
128-		
112-		
\$96-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
\$80-		
\$64-		
140		

2007

2008

2009

2010

2011

Sep 07 - Sep 12

PORTFOLIO PERFORMANCE & EFFECTIVE EXPENSE RATIO										
	Sep 12	YTD	1 Yr	3 Yr	5 Yr	10 Yr	Blended Expense Ratio			
Current Portfolio	2.20	11.78	21.06	11.27	4.24	9.62	0.81			
Blended Benchmark	2.05	12.82	23.03	11.54	3.05	8.58				
Proposed Portfolio	2.29	12.43	21.12	11.39	4.22	10.53	0.94			
Blended Benchmark	2.32	12.72	22.49	11.16	2.91	9.58				

\$1

\$1 \$1

2007

2008

2009

2010

2011

19.7

13.1

### 09/12 | Important Information Regarding Risk Rank

#### Overview

The following pages contain a risk analysis indicating a risk rank. This rank is owned and calculated by MPI Stylus, who is unaffiliated with Legg Mason. It is based on a three year annualized period. With 1 being the highest percentile and 100 being the lowest, compared to its peers. The risk rank uses standard deviation for an annualized 3-year period for each fund for the share class identified among its peer group universe.

### Category

The category for each fund is identified below the fund name and represented in the Morningstar Median reference. The categories are Morningstar categories.

### **Methodology**

MPI ranks each fund based on average annual standard deviation. Each fund is ranked within a universe of funds similar in portfolio characteristics and capitalizations as defined by Morningstar Inc. Rankings do not include the effect of the fund's sales charges. Results would have been less favorable had sales charges been included. A high ranking does not necessarily imply that a fund achieved positive results for the period. Excess returns do not necessarily imply positive results. Past performance is no guarantee of future results.

The quartile rank graphs contained at the right hand side of each table illustrate which quartile the fund is in relative to the assigned peer group. Beginning from the top the first band represents the 5-25<sup>th</sup> percentile, the second is the 25<sup>th</sup>-50<sup>th</sup>, the 3<sup>th</sup> band is the 50<sup>th</sup>-75<sup>th</sup>, and the final is the 75<sup>th</sup>-95<sup>th</sup>. The top and bottom 5% of funds are removed from the peer bands for reporting purposes only (but not the calculation) as they are considered outliers. For performance, the highest performing funds would be in the top quartile. For both the expense ratio and risk ranks the funds with the lowest values would appear on the top quartile.

Standard Deviation is a measure of the extent to which observations in a series vary from the arithmetic mean of the series. The Standard Deviation of a Manager, Benchmark or Index series measures the volatility, or risk of the asset. The more volatile the investment returns, the higher the Standard Deviation will be. Investors use the standard deviation of historical performance to try to predict the range of returns that are most likely for a given fund. When a fund has a high standard deviation, the predicted range of performance is wide, implying greater volatility. MPI calculates standard deviation using the monthly total returns provided by Morningstar for the appropriate time period. If a fund has a rank of 95, it can be seen as if there are 95% other funds that are superior to it for the specified analytic.

### Universe

MPI uses the Morningstar categories to calculate the rank however performs two additional filters on the Morningstar category universe. The first filter is the "distinct portfolios" filter which does not count each share class of a fund, but will only count each fund one time using the primary share class. The second filter that MPI performs is to exclude funds with performance history of less than 3 years as they believe there is not sufficient or adequate information to rely on to provide an appropriate rank for funds with less than three years of history. The number of funds in each category for each rank is provided on the following pages under each fund name.

#### **Definitions**

**Sharpe Ratio** - The Sharpe Ratio indicates the excess return per unit of total risk as measured by Standard Deviation. It is a ratio of the arithmetic average of excess returns over the risk free rate to the Standard Deviation. The Sharpe Ratio is a measure of the premium earned for the risk incurred by the portfolio.

**Information Ratio**- The Information Ratio is a measure of value added by an investment manager. It is the ratio of (annualized) excess return above the selected Market Index to (annualized) Tracking Error. Excess return is calculated by linking the difference of the manager's return for each period minus the selected Market Index return for each period, then annualizing the result.

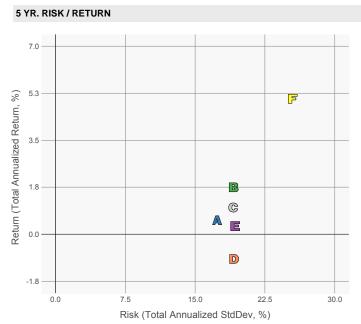
Investors should consider a portfolio's investment objectives, risks, charges and expenses carefully before investing. The prospectus or offering document contains this and other information about a portfolio. To obtain a free prospectus for any of the portfolios discussed, please contact your financial professional. Please read the prospectus or offering document carefully before investing.

#### **Asset Class: Equity**

#### **Current Plan** Proposed Plan 5 YR. RISK / RETURN 5 YR. RISK / RETURN 7.0 P Return (Total Annualized Return, %) Return (Total Annualized Return, %) B 1.8 C D 0.0 22.0 0.0 30.0 Risk (Total Annualized StdDev, %) Risk (Total Annualized StdDev, %) Sharpe Risk Sharpe Risk 5-Year: Return Risk 5-Year: Return Risk Ratio Rank Ratio Rank Equity Equity Large Value Large Value A American Funds Washington Mutua 0.52 A American Century Equity Income In 17.36 -0.0114 2.60 13.04 0.14 1 Russell 1000 Value Index 20.30 -0.08 58 Russell 1000 Value Index 20.30 58 -0.90 -0.90-0.08 Large Value Median 19.91 Large Value Median 50 -0.56-0.06 50 -0.56 19.91 -0.06 Number of Funds in Peer Group 260 260 260 260 Number of Funds in Peer Group 260 260 260 260 Large Blend Large Blend Lord Abbett Fundamental Equity A 1.75 19.14 0.05 39 Legg Mason ClearBridge Appreciati 3.12 16.24 5 0.15 S&P 500 Index 19.13 36 S&P500 Index 19.13 36 1.05 0.02 1.05 0.02 Large Blend Median 0.56 19.46 -0.01 50 Large Blend Median 0.56 19.46 -0.01 50 Number of Funds in Peer Group 419 Number of Funds in Peer Group 419 419 419 419 419 419 419 Large Blend - ETF Large Blend - ETF **© SPDR S&P 500** 0.99 19.09 0.01 46 53 S&P500 Index 1.05 0.02 19.13 50 Large Blend Median 1.19 19.10 0.02 Number of Funds in Peer Group 25 25 25 25 Large Blend - SubAcct Large Blend - SubAcct **ING V AD-ING Pioneer Port I** -0.9219.19 -0.09 39 🗏 S&P 500 Index 1.05 19.13 0.02 28 Large Blend Median 0.25 19.44 -0.02 50 Number of Funds in Peer Group 285 285 285 285 Large Growth Large Growth E American Funds Growth Fund of Ar 0.30 19.29 -0.02 23 © JPMorgan Large Cap Growth A 4.13 20.26 0.17 46 Russell 1000 Growth Index 3.24 19.39 0.13 25 Russell 1000 Growth Index 3.24 19.39 0.13 25 Large Growth Median 20.45 50 Large Growth Median 20.45 0.03 50 1.33 0.03 1.33 Number of Funds in Peer Group 402 402 Number of Funds in Peer Group 402 402 402 402 402 402

### **Asset Class: Equity**

### **Current Plan**



	5-Year: Return	n Risk	Sharpe Ratio	Risk Rank
Mid-Cap Value				

### Proposed Plan



		5-Year:	Return	Risk	Snarpe Ratio	Rank
	Mid-Cap Value					
	Victory Established Value F	₹	4.29	20.18	0.18	15
	Russell Mid-Cap Value Index		1.73	23.33	0.04	66
	Mid-Cap Value Median		1.37	22.59	0.03	50
	Number of Funds in Peer Gro	up	85	85	85	85
ь.						

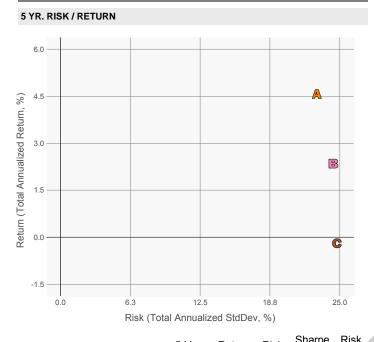
#### Mid-Cap Blend

■ Dreyfus Opportunistic Midcap Value	5.04	25.48	0.17	81
Russell Mid-Cap Index	2.24	23.02	0.07	61
Mid-Cap Blend Median	1.60	22.76	0.04	50
Number of Funds in Peer Group	121	121	121	121

Mid-Cap Blend

### **Asset Class: Equity**

### **Current Plan**



### Proposed Plan



5-Year:	Return	Risk	Ratio	Rank
Equity				
Mid-Cap Growth				
A Goldman Sachs Growth Opportuniti	4.57	22.94	0.17	54
Russell Mid-Cap Growth Index	2.54	23.18	0.08	60
Mid-Cap Growth Median	1.35	22.68	0.02	50
Number of Funds in Peer Group	193	193	193	193
Small Growth				
■ Columbia Small Cap Growth I A	2.35	24.42	0.07	59
© JPMorgan Dynamic Small Cap Grov	-0.19	24.74	-0.04	66
Russell 2000 Growth Index	2.96	25.04	0.09	71
Small Growth Median	2.03	24.18	0.05	50
Number of Funds in Peer Group	196	196	196	196

Equity				
Mid-Cap Growth				
A Prudential Jennison Mid Cap Growt	4.60	19.55	0.20	8
Russell Mid-Cap Growth Index	2.54	23.18	0.08	60
Mid-Cap Growth Median	1.35	22.68	0.02	50
Number of Funds in Peer Group	193	193	193	193
Small Growth				
B Legg Mason ClearBridge Small Cap	5.10	23.34	0.19	30 🗏
Russell 2000 Growth Index	2.96	25.04	0.09	71
Small Growth Median	2.03	24.18	0.05	50
Number of Funds in Peer Group	196	196	196	196

5-Year: Return

Sharpe

Ratio

Risk

Risk

Rank

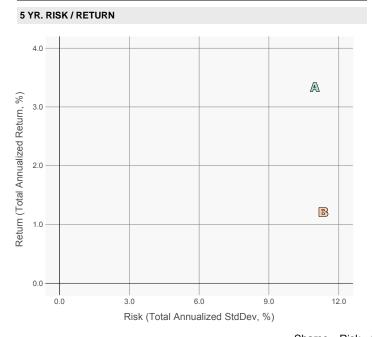
#### **Asset Class: Fixed Income**

#### **Current Plan** Proposed Plan 5 YR. RISK / RETURN 5 YR. RISK / RETURN 10.0 Z C A C Return (Total Annualized Return, %) Return (Total Annualized Return, %) 5.0 4.5 B D 14.0 16.0 0.0 Risk (Total Annualized StdDev, %) Risk (Total Annualized StdDev, %) Sharpe Risk Sharpe Risk 5-Year: Return Risk 5-Year: Return Risk Ratio Rank Ratio Rank Fixed Income Fixed Income Intermediate-term Bond Intermediate-term Bond 53 A PIMCO Total Return Instl 8.92 Western Asset Core Plus Bond I 8.04 7.30 1.00 94 4.31 1.91 **B** American Funds Bond Fund of Ame 4.26 5.42 0.65 81 BarCap US Aggregate Bond Index 6.53 3.57 21 BarCap US Aggregate Bond Index 6.53 3.57 1.63 21 1.63 Intermediate-term Bond Median 6.57 4.19 1.37 50 Intermediate-term Bond Median 6.57 4.19 1.37 50 Number of Funds in Peer Group 276 276 276 276 Number of Funds in Peer Group 276 276 276 276 High Yield Bond High Yield Bond © Lord Abbett High Yield I 8.84 12.79 0.64 58 📕 Federated High-Income Bond A 8.26 12.67 54 0.60 BarCap High Yield Corp Bond 9.34 14.13 0.61 83 BarCap High Yield Corp Bond 9.34 14.13 0.61 83 High Yield Bond Median 0.54 50 High Yield Bond Median 50 7.53 12.50 7.53 12.50 0.54 Number of Funds in Peer Group 122 122 122 Number of Funds in Peer Group 122 122 122 122 122 Multisector Bond Multisector Bond Putnam Diversified Income Y 3.88 0.21 100 14.86 BarCap US Aggregate Bond Index 6.53 3.57 1.63 1 Multisector Bond Median 6.87 7.99 0.76 50 Number of Funds in Peer Group 47 47 47 47 World Bond World Bond 73 70 © Legg Mason BW Global Opportuniti 8.67 9.75 9.80 0.92 9.77 0.81 ML Global Broad Market Index 6.27 6.52 0.85 29 ML Global Broad Market Index 6.27 6.52 0.85 29 World Bond Median 6.06 9.14 0.72 50 World Bond Median 6.06 9.14 0.72 50 Number of Funds in Peer Group 53 53 53 Number of Funds in Peer Group 53 53 53 53 53

### **Asset Class: Balanced**

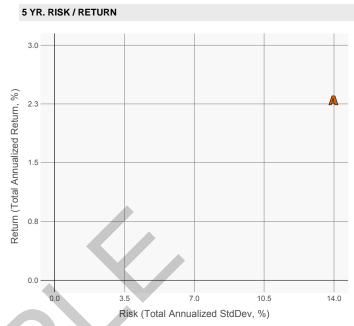
### **Current Plan**

Retirement Income



	5-Year:	Return	Risk	Sharpe Ratio	Risk Rank
Balanced					
Moderate Allocation					173
A Greenspring		3.34	10.97	0.24	6
DJ US Moderate Portfolio Inde	эx	4.28	12.97	0.27	35
Moderate Allocation Median		2.24	13.60	0.11	50
Number of Funds in Peer Gro	ир	189	189	189	189
Target-Date 2000-2010					
AllianceBern 2000 Retirement	ent Strat	1.21	11.34	0.04	35
DJ US 2010 Target Index		5.29	6.87	0.66	2
Target-Date 2000-2010 Media	an	2.52	11.57	0.15	50
Number of Funds in Peer Gro.	up	27	27	27	27

### Proposed Plan

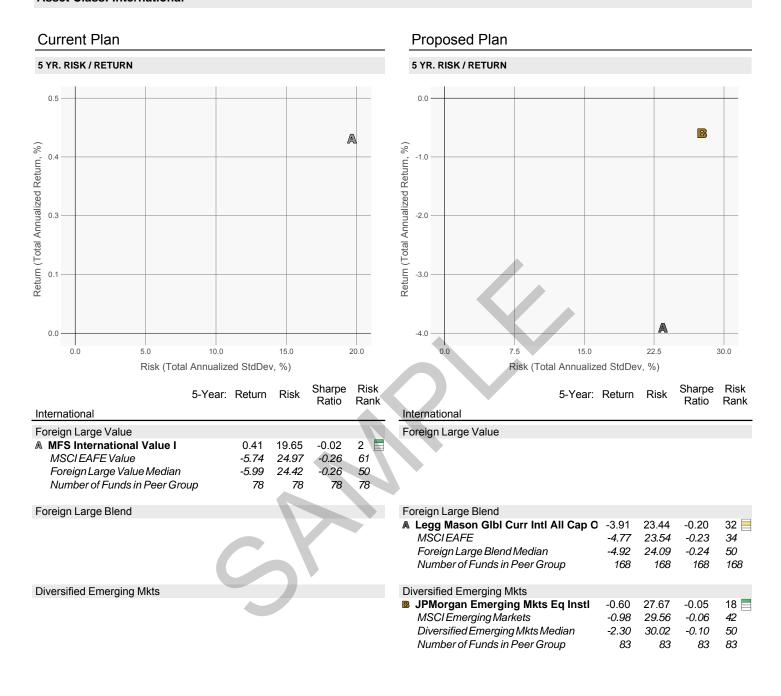


5-Year: Balanced	Return	Risk	Sharpe Ratio	Risk Rank
Moderate Allocation  A BlackRock Managed Volatility Instl DJ US Moderate Portfolio Index Moderate Allocation Median Number of Funds in Peer Group	2.30 4.28 2.24 189	13.97 12.97 13.60 189	0.11 0.27 0.11 189	62 = 35 50 189

Target-Date 2000-2010

NA	NA	NA	NA
4.28	12.97	0.27	92
2.65	9.24	0.23	50
30	30	30	30
	4.28 2.65	4.28 12.97 2.65 9.24	4.28       12.97       0.27         2.65       9.24       0.23

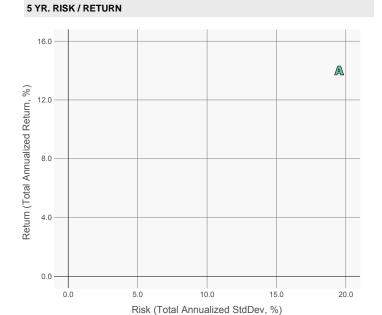
### **Asset Class: International**



### **Asset Class: Specialty**

### **Current Plan**

### Proposed Plan 5 YR. RISK / RETURN



There are no proposed investments on this page

Sharpe Risk 5-Year: Return Risk Ratio Rank

Specialty

Stocks- Computer Systems

Specialty

A International Business Machines Cc 14.01 19.51 0.68 1 S&P500 Index 1.05 19.13 0.02 Computer Systems Median -18.33 87.39 -0.13 50 Number of Funds in Peer Group 71 71

5-Year: Return Risk

Sharpe Ratio

Risk Rank

Stocks- Computer Systems

### 09/12 | Risk Summary: MPT Statistics (5Yr)

	Ticker	•	re Ratio Down Market	Ū	e Return Down Market	Tracking Error	Benchmark R <sup>2</sup>
Equity							
Large Value							
American Funds Washington Mutual A	AWSHX	82.55	82.05	3.66	-3.93	4.28	97.27
American Century Equity Income InstI	ACIIX	65.23	60.34	2.95	-2.82	8.36	93.62
Russell 1000 Value Index		100.00	100.00	4.35	-4.90	0.00	100.00
Large Value Median (260 funds)		96.83	97.17	4.22	-4.75	4.68	95.85
Large Blend							
Lord Abbett Fundamental Equity A	LDFVX	100.09	97.73	3.90	-4.88	4.60	94.31
Legg Mason ClearBridge Appreciation I	SAPYX	87.80	82.75	3.46	-4.07	3.59	98.55
S&P 500 Index		100.00	100.00	3.89	-5.01	0.00	100.00
Large Blend Median (419 funds)		99.58	101.41	3.88	-5.09	3.83	96.97
Large Blend - ETF							
SPDR S&P 500	SPY	99.61	99.89	3.88	-5.00	0.06	100.00
S&P 500 Index		100.00	100.00	3.89	-5.01	0.00	100.00
Large Blend - ETF Median (25 funds)		100.19	99.79	3.90	-5.00	2.33	98.67
Large Blend - SubAcct							
ING V AD-ING Pioneer Port I	449798222	92.66	100.81	3.64	-5.05	2.93	97.67
S&P 500 Index		100.00	100.00	3.89	-5.01	0.00	100.00
Large Blend - SubAcct Median (285 funds)		99.56	103.28	3.88	-5.19	2.98	97.80
Large Growth							
American Funds Growth Fund of Amer R6	RGAGX	92.98	104.02	3.96	-4.90	2.76	97.97
JPMorgan Large Cap Growth A	OLGAX	102.50	99.14	4.32	-4.65	4.97	94.00
Russell 1000 Growth Index		100.00	100.00	4.23	-4.69	0.00	100.00
Large Growth Median (402 funds)		100.32	106.95	4.24	-5.06	4.65	95.29
Mid-Cap Value							
Victory Established Value R	GETGX	89.14	84.21	4.30	-4.92	5.82	94.98
Russell Mid-Cap Value Index		100.00	100.00	4.75	-5.97	0.00	100.00
Mid-Cap Value Median (85 funds)		93.96	96.30	4.50	-5.72	5.47	95.40
Mid-Cap Blend							
Dreyfus Opportunistic Midcap Value A	DMCVX	116.10	104.69	5.58	-5.97	6.07	94.82
Russell Mid-Cap Index		100.00	100.00	4.91	-5.67	0.00	100.00
Mid-Cap Blend Median (121 funds)		96.76	99.30	4.77	-5.63	6.25	94.71
Mid-Cap Growth							
Goldman Sachs Growth Opportunities Instl	GGOIX	100.80	95.04	4.98	-5.35	4.23	96.68
Prudential Jennison Mid Cap Growth A	PEEAX	86.24	82.78	4.34	-4.59	5.13	97.10
Russell Mid-Cap Growth Index		100.00	100.00	4.95	-5.67	0.00	100.00
Mid-Cap Growth Median (193 funds)		96.47	97.67	4.80	-5.52	5.97	94.13
Small Growth							
JPMorgan Dynamic Small Cap Growth C	VSCCX	91.56	101.16	5.16	-6.41	4.60	96.63
Columbia Small Cap Growth I A	CGOAX	95.58	98.06	5.36	-6.18	5.24	95.62
Legg Mason ClearBridge Small Cap Gr I	SBPYX	92.83	89.14	5.22	-5.54	5.85	94.71
Russell 2000 Growth Index		100.00	100.00	5.57	-6.32	0.00	100.00
Small Growth Median (196 funds)		90.80	96.26	5.13	-6.05	5.93	95.00

Current funds are shown in black. Proposed funds are shown in blue.

### 09/12 | Risk Summary: MPT Statistics (5Yr)

	Ticker	•	re Ratio Down Market	Average Up Market Do		Tracking Error	Benchmark R²
Fixed Income							
Intermediate-term Bond							
American Funds Bond Fund of Amer R6	RBFGX	92.72	173.71	0.89	-1.13	4.08	43.24
PIMCO Total Return Instl	PTTRX	123.38	83.12	1.17	-0.54	2.87	56.22
Western Asset Core Plus Bond I	WACPX	133.02	157.59	1.26	-1.03	6.11	30.38
BarCap US Aggregate Bond Index		100.00	100.00	0.96	-0.65	0.00	100.00
Intermediate-term Bond Median (276 funds)		103.87	107.28	1.00	-0.70	2.86	61.36
High Yield Bond							
Lord Abbett High Yield I	LAHYX	92.02	91.82	2.45	-3.24	2.93	96.29
Federated High-Income Bond A	FHIIX	86.48	87.59	2.31	-3.08	2.57	97.50
BarCap High Yield Corp Bond		100.00	100.00	2.64	-3.54	0.00	100.00
High Yield Bond Median (122 funds)		86.36	90.84	2.31	-3.20	3.76	94.83
Multisector Bond							
Putnam Diversified Income Y	PDVYX	79.74	141.31	0.77	-0.92	15.06	0.38
BarCap US Aggregate Bond Index		100.00	100.00	0.96	-0.65	0.00	100.00
Multisector Bond Median (47 funds)		117.76	149.95	1.12	-0.98	7.67	17.03
World Bond							
Templeton Global Bond Adv	TGBAX	120.91	86.91	1.72	-1.57	8.22	30.89
Legg Mason BW Global Opportunities Bd IS	GOBSX	126.79	112.76	1.80	-2.04	6.11	62.28
ML Global Broad Market Index		100.00	100.00	1.44	-1.81	0.00	100.00
World Bond Median (53 funds)		109.85	118.36	1.57	-2.15	5.00	73.38
Balanced							
Moderate Allocation							
Greenspring	GRSPX	73.00	75.42	2.08	-2.37	5.22	84.32
BlackRock Managed Volatility Instl	PBAIX	101.60	112.95	2.82	-3.64	3.69	93.15
DJ US Moderate Portfolio Index		100.00	100.00	2.78	-3.19	0.00	100.00
Moderate Allocation Median (189 funds)		96.02	108.36	2.68	-3.48	3.49	94.91
Target-Date 2000-2010							
AllianceBern 2000 Retirement Strat A	LTAAX	119.69	190.90	1.75	-2.89	5.31	89.75
DJ US 2010 Target Index		100.00	100.00	1.47	-1.48	0.00	100.00
Target-Date 2000-2010 Median (27 funds)		139.23	202.30	2.01	-3.07	5.67	87.80
Retirement Income							
Legg Mason Target Retirement R	LMERX						
DJ US Moderate Portfolio Index		100.00	100.00	2.78	-3.19	0.00	100.00
Retirement Income Median (30 funds)		66.17	65.99	1.89	-2.06	4.74	93.15

Current funds are shown in black. Proposed funds are shown in blue.

### 09/12 | Risk Summary: MPT Statistics (5Yr)

	Ticker	Capture Up Market D		Average R Up Market Dov		Tracking Error	Benchmark R²
International							
Foreign Large Value							
MFS International Value I	MINIX	78.86	71.37	4.85	-3.74	7.44	94.55
MSCI EAFE Value		100.00	100.00	6.00	-5.50	0.00	100.00
Foreign Large Value Median (78 funds)		95.02	97.69	5.73	-5.36	5.45	95.51
Foreign Large Blend							
Legg Mason Gibi Curr Intl All Cap Opp I	SBIYX	100.17	97.93	5.50	-5.17	5.85	93.90
MSCI EAFE		100.00	100.00	5.49	-5.30	0.00	100.00
Foreign Large Blend Median (168 funds)		100.84	102.05	5.53	-5.42	4.70	96.43
Diversified Emerging Mkts							
JPMorgan Emerging Mkts Eq InstI	JMIEX	92.67	94.26	6.51	-5.82	4.89	97.53
MSCI Emerging Markets		100.00	100.00	6.95	-6.24	0.00	100.00
Diversified Emerging Mkts Median (83 funds)		96.55	100.85	6.75	-6.31	5.34	97.08
Specialty							
Stocks- Computer Systems			_				
International Business Machines Corp	IBM	81.89	39.12	3.25	-1.84	16.10	42.66
S&P 500 Index		100.00	100.00	3.89	-5.01	0.00	100.00
Stocks-Computer Systems Median (71 funds)		61.92	138.35	2.51	-7.24	82.59	4.36

Current funds are shown in black. Proposed funds are shown in blue.

### 09/12 | Important Information Regarding Style Analysis

#### Overview

The following pages provide information pertaining to style analysis including style drift. Returns based style analysis, which is defined below, is applicable to all of the analysis in the following section.

**Returns-Based Style Analysis/Asset Loadings Chart -**Returns-based style analysis which was developed by Nobel Laureate William F. Sharpe as an alternative method for determining a manager's style without any information about the individual securities held in the manager's portfolio.

The underlying principle behind this analysis was that the style of a manager can be determined by analyzing the total return pattern of the manager's portfolio. For example, if a manager's return pattern were identical to the return pattern of a Small Cap growth benchmark, the manager could be viewed as a Small Cap growth manager. Based on a mathematical formula which considers the performance benchmarks that are most

highly correlated with the total returns of the portfolio, returns-based style analysis may be used to assess a fund manager's true investment style.

Returns-based style analysis compares an investment's returns to the returns of certain indices. These comparisons imply which index each investment is most similar to, and which characteristics that investment is most likely to exhibit. The "Manager Style (36-Month Moving Windows, Computed Monthly)" chart includes points of varying sizes, where a smaller point represents an earlier moving window. The Russell Generic

Corners include the following indices: Russell 1000 Value (rvalue), the Russell 1000 Growth (rgrowth), Russell 2000 Value (r2value), and Russell 2000 Value (r2growth).

The style analysis included in this report may assist in evaluating the actual style and performance of various fund choices for its plan. Although many plan sponsors use this type of analytical information to evaluate fund choices, you should make your own determination about how and whether such information should be used for your plan.

Returns-based style analysis has been used to gain a visual feeling for the style consistency of managers and mutual funds. Although rolling asset allocation graphs and style maps give you a visual understanding of a funds style consistency it does not provide a quantitative measure of style drift.

Style Drift measures the variability of style through time. A Style Drift of 0 indicates perfect style consistency and is equivalent to buying and rebalancing the indices that constitute the style basis each period. Style drift is designed to measure style inconsistency. A style drift of 100 indicates very little if any consistency in style.

Style drift data shown on the following pages were computed by MPI Stylus. MPI Stylus reviews the movement of each fund and assigns a numerical value. This value measures the movement of style based on a formulaic calculation. Style drift is not intended to or should not be used to compare a fund to another fund or index, but rather a tool to review and analyze style for each fund independently.

### **Asset Class: Equity**

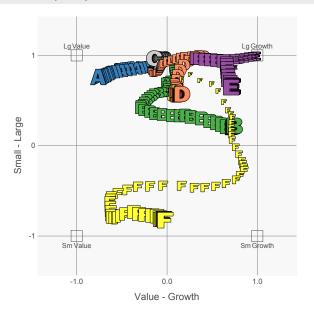
### **Current Plan**

Mid-Cap Blend

F Dreyfus Opportunistic Midcap Value

Russell Mid-Cap Index

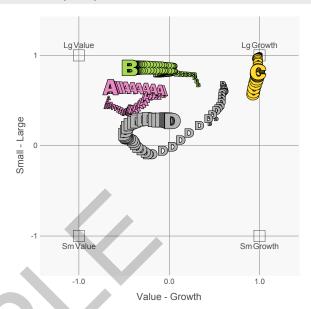
### STYLE DRIFT (5-Year)



	5-Year:	Style Drift	Style R <sup>2</sup>
Equity			
Large Value			
A American Funds Washingto	on Mutual	14	98
Russell 1000 Value Index		0	100
Large Blend			
<b>B</b> Lord Abbett Fundamental E	quity A	23	97
S&P 500 Index		3	100
Large Blend - ETF			
© SPDR S&P 500		3	100
S&P 500 Index		3	100
Large Blend - SubAcct			
ING V AD-ING Pioneer Port	I	17	98
S&P 500 Index		3	100
Large Growth			
■ American Funds Growth Funds	ind of Ame	18	98
Russell 1000 Growth Index		0	100
Mid-Cap Value			

### Proposed Plan

### STYLE DRIFT (5-Year)



5-Year:

Style Drift

Style R<sup>2</sup>

Equity		
Large Value		
A American Century Equity Income Inst	16	94
Russell 1000 Value Index	0	100
Large Blend		
_	4.4	00
Legg Mason ClearBridge Appreciatio	14	99
S&P 500 Index	3	100
Large Blend - ETF		
Laura Dland Cub Acat		
Large Blend - SubAcct		
Large Growth		
© JPMorgan Large Cap Growth A	10	94
Russell 1000 Growth Index	0	100
rassell 1000 Growthindex	U	100
Mid Con Value		
Mid-Cap Value		
Victory Established Value R	35	96
Russell Mid-Cap Value Index	25	98

Past performance is no guarantee of future results. Current returns may be higher/lower. Principal value/returns fluctuate. Investor shares may be worth more/less than original cost. Returns assume reinvestment of all distributions at NAV & deduction of fund expenses. YTD returns are cumulative & not annualized. For current month-end returns: http://advisor.morningstar.com/familyinfo.asp.

94

98

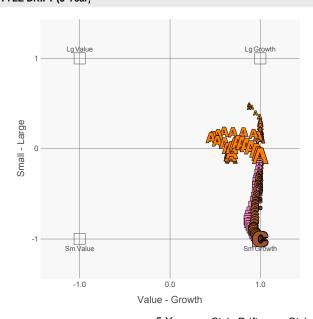
23

Mid-Cap Blend

### **Asset Class: Equity**

### **Current Plan**

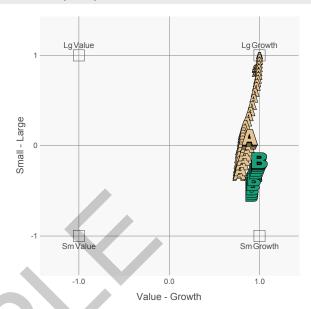
#### STYLE DRIFT (5-Year)



	o-rear.	Style Dilit	Style K
Equity			
Mid-Cap Growth			
A Goldman Sachs Growth	Opportunitie	18	95
Russell Mid-Cap Growth In	ndex	16	97
Small Growth			
Columbia Small Cap Gro	wth I A	23	96
C JPMorgan Dynamic Sma	II Cap Growt	19	97
Russell 2000 Growth Index	(	0	100

### Proposed Plan

### STYLE DRIFT (5-Year)

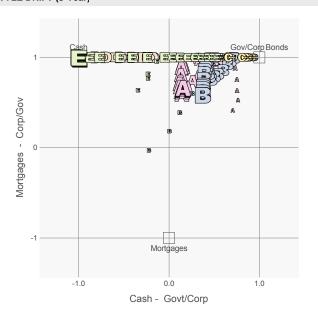


Equity	5-Year:	Style Drift	Style R²
Mid-Cap Growth			
A Prudential Jennison Mid Ca	p Growth	33	96
Russell Mid-Cap Growth Index	<b>(</b>	16	97
Small Growth			
B Legg Mason ClearBridge Sn	nall Cap C	11	96
Russell 2000 Growth Index		0	100

### **Asset Class: Fixed Income**

### **Current Plan**

#### STYLE DRIFT (5-Year)

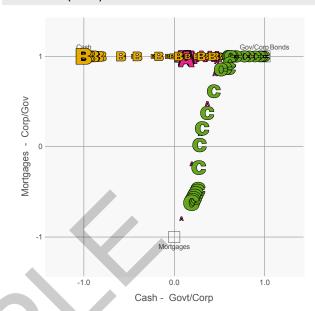


	5-Year:	Style Drift	Style R <sup>2</sup>
Fixed Income			•
Intermediate-term Bond			
A PIMCO Total Return Insti		19	50
<b>B</b> American Funds Bond Fund	d of Amer	17	38
BarCap US Aggregate Bond II	ndex	8	98
High Yield Bond			
© Lord Abbett High Yield I		60	3
BarCap High Yield Corp Bond	1	62	3 2
Multisector Bond			
Putnam Diversified Income	Υ	27	0
BarCap US Aggregate Bond I	ndex	8	98
World Bond			
■ Templeton Global Bond Ad  ML Global Broad Market Index		47 48	3 56

### Proposed Plan

#### STYLE DRIFT (5-Year)

Fixed Income



Intermediate-term Bond		
A Western Asset Core Plus Bond I	26	23
BarCap US Aggregate Bond Index	8	98
High Yield Bond		
■ Federated High-Income Bond A	47	0
BarCap High Yield Corp Bond	62	2
Multisector Bond		
World Bond		

5-Year:

Style Drift

Style R<sup>2</sup>

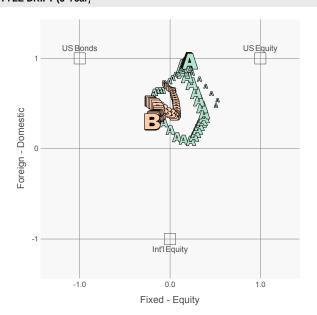
© Legg Mason BW Global Opportunities	44	27
ML Global Broad Market Index	<b>4</b> 8	56

### **Asset Class: Balanced**

### **Current Plan**

#### STYLE DRIFT (5-Year)

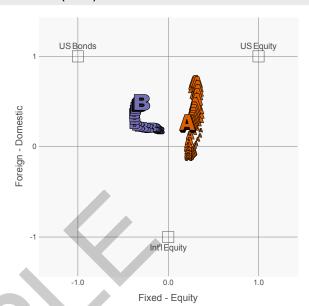
Retirement Income



	5-Year:	Style Drift	Style R <sup>2</sup>
Balanced		•	•
Moderate Allocation			
A Greenspring		33	83
DJUS Moderate Portfolio Inde	ЭX	9	99
Target-Date 2000-2010			
B AllianceBern 2000 Retireme	ent Strat A	15	98
DJ US 2010 Target Index		5	98

### Proposed Plan

#### STYLE DRIFT (5-Year)



Balanced	o-rear.	Style Dilit	Style R <sup>2</sup>
Moderate Allocation			
BlackRock Managed Volatil	lity Instl	19	98
DJUS Moderate Portfolio Inde	ex	9	99

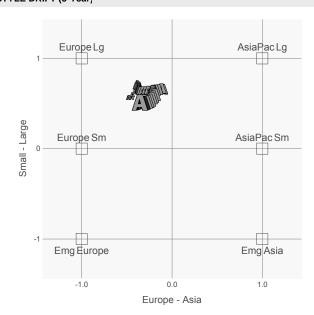
Target-Date 2000-2010

Retirement Income		
■ Legg Mason Target Retirement R	NA	NA
DJ US Moderate Portfolio Index	9	99

### **Asset Class: International**

### **Current Plan**

### STYLE DRIFT (5-Year)



5-Year: Style Drift Style R² International

Foreign Large Value

MFS International Value I 18 97

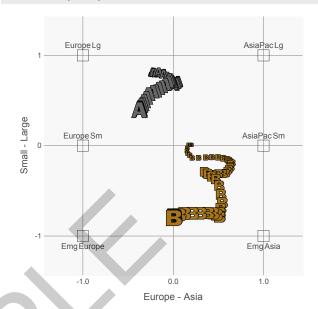
MSCIEAFE Value 15 98

Foreign Large Blend

Diversified Emerging Mkts

### Proposed Plan

#### STYLE DRIFT (5-Year)



	5-Year:	Style Drift	Style R <sup>2</sup>
International			

### Foreign Large Value

Foreign Large Blend		
A Legg Mason Glbl Curr Intl All Cap Op	22	95
MSCIEAFE	7	100
Diversified Emerging Mkts		
■ JPMorgan Emerging Mkts Eq Inst!	27	97
MSCI Emerging Markets	14	99

### **Asset Class: Specialty Current Plan** Proposed Plan STYLE DRIFT (5-Year) STYLE DRIFT (5-Year) US Bonds **US** Equity Foreign - Domestic Foreign - Domestic Int'l Equity Fixed - Equity Fixed - Equity Style R<sup>2</sup> 5-Year: Style Drift 5-Year: Style Drift Style R<sup>2</sup> Specialty Specialty

Stocks- Computer Systems

Stocks- Computer Systems

■ International Business Machines Cor S&P 500 Index 32 38 5 100

### 09/12 | Important Information Regarding Expense Ratio Rank

#### Overview

The following pages contain information about expenses, including expense ratio rank. This rank is owned and calculated by MPI Stylus, who is unaffiliated with Legg Mason. It is designed to provide a rank of the net expense ratios for each fund for the share class identified among its peer group universe. Morningstar is the source for all of the net expense ratios in this report. Unless otherwise noted, all of the data used to calculate the expense ratios are gathered from the annual reports of the fund. Net expenses are defined by Morningstar as follows: The percentage of fund assets used to pay for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Fund expenses are reflected in the fund's NAV. Sales charges are not included in the expense ratio. The expense ratio for fund of funds is the aggregate expense ratio as defined as the sum of the wrap or sponsor fees plus the estimated weighted average of the underlying fund fees.

"Expense ratios" shown on following pages represent net expense ratios.

#### Category

The category for each fund is identified below the fund name and represented in the Morningstar Median reference. The categories are Morningstar categories.

#### Methodology

MPI ranks each fund based on its net annual expense ratio. Each fund is ranked within a universe of funds similar in portfolio characteristics and capitalizations as defined by Morningstar Inc. Rankings do not include the effect of the fund's sales charges. Results would have been less favorable had sales charges been included. A high ranking does not necessarily imply that a fund achieved positive results for the period. Excess returns do not necessarily imply positive results. Past performance is no guarantee of future results.

The quartile expense ratio rank graphs contained at the right hand side of the table illustrate which quartile the fund is in relative to the assigned peer group. Beginning from the top the first band represents the 5-25<sup>th</sup> percentile, the second is the 25<sup>th</sup>-50<sup>th</sup>, the 3<sup>rd</sup> band is the 50<sup>th</sup>-75<sup>th</sup>, and the final is the 75<sup>th</sup>-95<sup>th</sup>. The top and bottom 5% of funds are removed from the peer bands for reporting purposes only (but not the calculation) as they are considered outliers. For performance, the highest performing funds would be in the top quartile. For both the expense ratio and risk ranks the funds with the lowest values would appear on the top quartile. If a fund has a rank of 95, it can be seen as if there are 95% other funds that are superior to it for the specified analytic.

#### Universe

MPI uses the Morningstar categories to calculate the rank however performs two additional filters on the Morningstar category universe. The first filter is the "distinct portfolios" filter which does not count each share class of a fund, but will only count each fund one time using the primary share class. The second filter that MPI performs is to exclude funds with performance history of less than 3 years as they believe there is not sufficient or adequate information to rely on to provide an appropriate rank for funds with less than three years of operating history. The number of funds in each category for each rank is provided under each fund name.

### **Definitions**

Expense Ratio (also referred to as Net Expense Ratio) - The percentage of fund assets used to pay for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Fund expenses are reflected in the fund's NAV. Sales charges are not included in the expense ratio. The expense ratio for fund of funds is the aggregate expense ratio as defined as the sum of the wrap or sponsor fees plus the estimated weighted average of the underlying fund fees. Sources for expense ratios include the Annual Report - an audited trailing perspective - and the Prospectus - an unaudited projection.

**Gross Expense Ratio** - The Gross Expense Ratio represents the total gross expenses (net expenses with waivers added back in) divided by the fund's average net assets. If it is not equal to the net expense ratio, the gross expense ratio portrays the fund's expenses had the fund not waived a portion, or all, of its fees. Thus, to some degree, it is an indication of fee contracts. Some fee waivers have an expiration date; other waivers are in place indefinitely.

**Prospectus Expense Ratio** - The percentage of fund assets, net of reimbursements, used to pay for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Fund expenses are reflected in the fund's NAV. Sales charges are not included in the expense ratio. The expense ratio for fund of funds is the aggregate expense ratio as defined as the sum of the wrap or sponsor fees plus the estimated weighted average of the underlying fund fees. Net reimbursements, the Prospectus Net Expense Ratio is collected annually from a fund's prospectus.

Investors should consider a portfolio's investment objectives, risks, charges and expenses carefully before investing. The prospectus or offering document contains this and other information about a portfolio. To obtain a free prospectus for any of the portfolios discussed, please contact your financial professional. Please read the prospectus or offering document carefully before investing.

	Ex	ense	Gross	s Expense	12b-1	Expen	se Ratio V	Vaivers
	Ratio	Peer Rank	Ratio	Peer Rank	Current	t Type	Amount	Expir. Date
Equity								
Large Value								
American Funds Washington Mutual A	0.62	7	0.62	6	0.24		NA	
American Century Equity Income Instl	0.75	15	0.75	12	NA		NA	
Large Value Median	1.10		1.22		0.25			
Number of Funds in Peer Group	<i>4</i> 85		<i>4</i> 85		311			
Large Blend								
Lord Abbett Fundamental Equity A	1.09	50	1.09	41	0.35		NA	
Legg Mason ClearBridge Appreciation I	0.71	23	0.71	19	NA		NA	
Large Blend Median	1.09		1.22	_	0.25			
Number of Funds in Peer Group	795		795		501			
Large Blend - ETF								
SPDR S&P 500	0.09	11	0.10	9	NA	Contractual	0.01	02/01/2013
Large Blend Median	0.40		0.53		0.00			
Number of Funds in Peer Group	68		68		9			
Large Blend - SubAcct								
ING V AD-ING Pioneer Port I	0.73	33	0.73	30	NA		NA	
Large Blend Median	0.85		0.89		0.25			
Number of Funds in Peer Group	531		531		324			
Large Growth								
American Funds Growth Fund of Amer R6	0.33	2	0.33	1	NA	na	NA	na
JPMorgan Large Cap Growth A	1.11	43	1.24	45	0.25	Contractual	0.13	11/01/2012
Large Growth Median	1.19		1.30		0.25			
Number of Funds in Peer Group	732		732		503			
Mid-Cap Value								
Victory Established Value R	1.25	48	1.25	40	0.50	Contractual	0.00	02/28/2012
Mid-Cap Value Median	1.25	× 1	1.33		0.25			
Number of Funds in Peer Group	150		150		100			
Mid-Cap Blend								
Dreyfus Opportunistic Midcap Value A	1.17	39 🗏	1.17	34	NA		NA	
Mid-Cap Blend Median	1.28		1.41		0.25			
Number of Funds in Peer Group	212		212		136			
Mid-Cap Growth								
Goldman Sachs Growth Opportunities Instl	0.95	16	1.01	18	NA		NA	
Prudential Jennison Mid Cap Growth A	1.09	31	1.09	25	0.30		NA	
Mid-Cap Growth Median	1.26		1.41		0.25			
Number of Funds in Peer Group	347		347		244			
Small Growth								
JPMorgan Dynamic Small Cap Growth C	2.03	93	2.03	78	0.75	Contractual	0.20	11/01/2011
Columbia Small Cap Growth I A	1.29	39 📒	1.29	27	0.25	Voluntary	0.06	na
Legg Mason ClearBridge Small Cap Gr I	0.85	6	0.85	4	NA	na	NA	na
Small Growth Median	1.37		1.51		0.25			
Number of Funds in Peer Group	350		350		239			
Fixed Income								

### Current funds are shown in black. Proposed funds are shown in blue.

	Ex	oense	Gross	Expense	12b-1	Exper	se Ratio V	laivers €	
	Ratio	Peer Rank	Ratio	Peer Rank	Current	Туре	Amount	Expir. Date	
Intermediate-term Bond									
American Funds Bond Fund of Amer R6	0.27	7	0.27	4	NA		NA		
PIMCO Total Return Instl	0.46	20	0.46	12 🔚	NA		NA		
Western Asset Core Plus Bond I	0.45	17	0.45	11	NA		NA		
Intermediate-term Bond Median	0.70		0.84		0.25				
Number of Funds in Peer Group	460		460		256				
High Yield Bond									
Lord Abbett High Yield I	0.78	26 📒	0.78	21	NA	Contractual	0.11	03/31/2011	
Federated High-Income Bond A	1.24	81	1.25	67	NA	Voluntary	0.01	06/01/2013	
High Yield Bond Median	0.98		1.10		0.25				
Number of Funds in Peer Group	202		202		135				
Multisector Bond									
Putnam Diversified Income Y	0.73	15	0.73	8	NA		NA		
Multisector Bond Median	1.00		1.17		0.25				
Number of Funds in Peer Group	85		85		68				
World Bond									
Templeton Global Bond Adv	0.64	16	0.65	11	NA	na	NA	na	
Legg Mason BW Global Opportunities Bd IS	0.64	16	0.64	10	NA	Contractual	0.02	12/31/2011	
World Bond Median	0.98		1.10		0.25				
Number of Funds in Peer Group	103		103		55				
Balanced	4	V							
Moderate Allocation									
Greenspring	0.93	27	0.93	20	NA	na	NA	na	
BlackRock Managed Volatility Instl	1.02	34	1.08	32	NA	Contractual	0.05	06/01/2013	
Moderate Allocation Median	1.15		1.27		0.25				
Number of Funds in Peer Group	362		362		266				
Target-Date 2000-2010		<u> </u>							
AllianceBern 2000 Retirement Strat A	0.86	43	2.02	81 🗮	0.30	Contractual	1.16	12/31/2012	
Target-Date 2000-2010 Median	0.91		1.15		0.25				
Number of Funds in Peer Group	57		57		41				
Retirement Income									
Legg Mason Target Retirement R	1.40	99	6.18	93	0.50	Voluntary	4.78	12/31/2013	
Retirement Income Median	0.85		0.90		0.25				
Number of Funds in Peer Group	71		71		50				
International									
Foreign Large Value									
MFS International Value I	0.96	25	0.96	21	0.00		NA		
Foreign Large Value Median	1.29		1.43		0.25				
Number of Funds in Peer Group	128		128		65				
Foreign Large Blend									
Legg Mason Glbl Curr Intl All Cap Opp I	1.15	44	1.31	46	NA	Voluntary	0.16	12/31/2013	
Foreign Large Blend Median	1.21		1.38		0.25				
Number of Funds in Peer Group	297		297		168				

### Current funds are shown in black. Proposed funds are shown in blue.

# 09/12 | Expense Summary

	Ex	pense	Gross Expense		12b-1	Expense Ratio Waivers			
	Ratio	Peer Rank	Ratio	Peer Rank	Current	Туре	Amount	Expir. Date	
Diversified Emerging Mkts									
JPMorgan Emerging Mkts Eq Instl	1.42	39	1.42	24	NA	Contractual	0.01	02/28/2011	
Diversified Emerging Mkts Median	1.54	_	1.79	_	0.25				
Number of Funds in Peer Group	202		202		104				
Specialty									
Stocks- Computer Systems									
International Business Machines Corp	NA	NA	NA	NA	NA		NA		
Computer Systems Median	NA		NA		NA				
Number of Funds in Peer Group	0		0		0				



## 09/12 | Important Information Regarding Peer Return Rank

#### Overview

The following pages contain fund information including a peer return rank. These ranks are all owned and calculated by MPI Stylus. It is based on a one, three and 5 year annualized period. The peer return rank is designed to provide a rank of performance returns for each fund among its peer group universe.

#### Category

The category for each fund is identified below the fund name and represented in the Morningstar Median reference. The categories are Morningstar categories.

#### **Methodology**

MPI ranks each fund based on average annual total returns assuming reinvestment of dividends and capital gains, distributions, at net asset value and the deduction of all fund expenses. Each fund is ranked within a universe of funds similar in portfolio characteristics and capitalizations as defined by Morningstar Inc. Rankings do not include the effect of the fund's sales charges. Results would have been less favorable had sales charges been included. A high ranking does not necessarily imply that a fund achieved positive results for the period. Excess returns do not necessarily imply positive results. Past performance is no guarantee of future results.

The quartile rank graphs illustrate which quartile the fund is in relative to the assigned peer group. Beginning from the top the first band represents the 5-25<sup>th</sup> percentile, the second is the 25<sup>th</sup>-50<sup>th</sup>, the 3<sup>rd</sup> band is the 50<sup>th</sup>-75<sup>th</sup>, and the final is the 75<sup>th</sup>-95<sup>th</sup>. The top and bottom 5% of funds are removed from the peer bands for reporting purposes only (but not the calculation) as they are considered outliers. For performance, the highest performing funds would be in the top quartile. For both the expense ratio and risk ranks the funds with the lowest values would appear on the top quartile. If a fund has a rank of 95, it can be seen as if there are 95% other funds that are superior to it for the specified analytic.

#### Universe

MPI uses the Morningstar categories to calculate the rank however performs two additional filters on the Morningstar category universe. The first filter is the "distinct portfolios" filter which does not count each share class of a fund, but will only count each fund one time using the primary share class. The second filter that MPI performs is to exclude funds with performance history of less than 3 years as they believe there is not sufficient or adequate information to rely on to provide an appropriate rank for funds with less than three years of history. The number of funds in each category for each rank is provided on the following pages under each fund name.

Investors should consider a portfolio's investment objectives, risks, charges and expenses carefully before investing. The prospectus or offering document contains this and other information about a portfolio. To obtain a free prospectus for any of the portfolios discussed, please contact your financial professional. Please read the prospectus or offering document carefully before investing.

All ranking data is as of September 28, 2012.

### **Investment Options**

		Peer	Return I	Rank		Exce	ess Bmk	Perform	ance	Expense Ratio
	1 Yr	3 Yr	5 Yr	10 Yr	SI*	YTD	1 Yr	3 Yr	5 Yr	Rank
Equity										
Large Value										
American Funds Washington Mutual A American Century Equity Income Instl Number of Funds in Peer Group Large Blend	74 <b>83 300</b>	11 <b>33 3 280</b>	29 <del> </del> 7 <del> </del> 260	57 <b>23 200</b>	8 <b>=</b> 33 <b>=</b> 528	-3.7 % -4.1 %		1.7	1.4	7 <b>1</b> 5 <b>1</b> 485
Lord Abbett Fundamental Equity A Legg Mason ClearBridge Appreciation I Number of Funds in Peer Group Large Blend - ETF	81 <b>1</b> 0 <b>1</b> 491	77 <b>3</b> 6 <b>448</b>	15 <b>a</b> 6 <b>a</b> 419	12 <b>=</b> 21 <b>=</b> 322	19 <b>=</b> 29 <b>=</b> 867	-7.4 %: 0.8		-3.8 % -0.7 %	0.7 <sup>#</sup> 2.1 <sup>#</sup>	50 <b>=</b> 23 <b>=</b> 795
SPDR S&P 500  Number of Funds in Peer Group  Large Blend - SubAcct	25 <u>41</u>	40 <u>=</u> 31	71 <u>=</u> 25	86 📓	31 <u>=</u> 69	-0.1 ····>	-0.2 ····}	-0.1 ····}	-0.1 ····	11 <b>6</b> 8
ING V AD-ING Pioneer Port I  Number of Funds in Peer Group  Large Growth	86 <b>=</b> 338	68 <u>=</u> 311	71 <u>=</u> 285	207	49 <del> </del> 571	-6.1 🥻	-7.0 <b>*</b>	-3.4 🐪	-2.0 🐪	33 <u>=</u> 531
American Funds Growth Fund of Amer R6 JPMorgan Large Cap Growth A Number of Funds in Peer Group	38 <del> </del> 67 <del> </del> 467	74 6 6 433	67 10 10 402	25 <b>29 317</b>	3 37 821	1.4 . <sup>A</sup> -2.1 %		-4.3 % 2.3*	-2.9 <b>**</b>	2 <b>=</b> 43 <b>=</b> 732
Mid-Cap Value  Victory Established Value R  Number of Funds in Peer Group  Mid-Cap Blend	72 <b>1</b> 03	54 <b>9</b> 5	11 85	19 🗐 54	12 <b>=</b> 153	-5.4 <b>**</b>	-4.5 " <u>*</u>	-2.4 "::	2.6"	48 🗐
Dreyfus Opportunistic Midcap Value A  Number of Funds in Peer Group  Mid-Cap Growth	16 <b>149</b>	48 🗐	6 121	4 🗐 90	11 <b>=</b> 224	-1.2 🐪	3.4	-1.8 🐪	2.8	39 <u>=</u> 212
Goldman Sachs Growth Opportunities Instl Prudential Jennison Mid Cap Growth A Number of Funds in Peer Group Small Growth	2 23 223	40 <u> </u> 26 <u> </u> 205	14 <b>1</b> 4 <b>1</b> 93	25 <b>3 5</b> 156	17 <b>=</b> 26 <b>=</b> 390	3.7 <sup>#</sup> 1.9 <sup>#</sup>		-1.2 ":: -0.1}	2.0	16 <b>3</b> 1 <b>3</b> 47
JPMorgan Dynamic Small Cap Growth C Columbia Small Cap Growth I A Legg Mason ClearBridge Small Cap Gr I Number of Funds in Peer Group	20 50 50 2 50 225	45	79 <b>4</b> 4 <b>9 1</b> 96	90 <b>27 8 1</b> 53	61	-0.8 % -0.6 % 5.5			-3.1 % -0.6 % 2.1*	93 <b>3</b> 39 <b>6 3</b> 350

#### Legend:

Logona.		
Peer Percentile Rank:		Represents the fund's quartile rank within its category.
Excess Benchmark Performance:	.79	The fund outperformed its category benchmark by over 50 basis points.
	>	The fund tracks its category benchmark within +/- 50 basis points.
	174	The fund underperformed its category benchmark by over 50 basis points.
Current funds are shown in black Proposed fun	de are	shown in blue

<sup>\*</sup>SI represents Total Annualized Since Inception Return information provided by Morningstar.

### **Investment Options**

			Exce	Expense Ratio						
	1 Yr	3 Yr	5 Yr	10 Yr	SI*	YTD	1 Yr	3 Yr	5 Yr	Rank
Fixed Income										
ntermediate-term Bond										
American Funds Bond Fund of Amer R6	54	47 🗏	93	45	3	ٿر. 1.7	2.0	ٿ 1.0	-2.3 ::	7
PIMCO Total Return Instl	8	32	3	7	6	5.1"	6.4		2.4	20
Western Asset Core Plus Bond I	24	3	13	4	21	3.6	4.1	3.8	1.5	17
Number of Funds in Peer Group	321	296	276	232	511					460
ligh Yield Bond										
Lord Abbett High Yield I	27 🗏	23	12	28 🗏	52 🗐	0.5"	-0.3>	-0.6 🐪	-0.5 🐪	26
Federated High-Income Bond A	44 🗏	22	24	38	17	-0.6	-1.2 🕌	-0.6 🕌	-1.1 😘	81
Number of Funds in Peer Group	142	133	122	96	214					202
Nultisector Bond										
Putnam Diversified Income Y	70 🗐	65 🗏	93 🔚	83 🔲	71 🗏	4.9"	4.8 🧢	2.5 🧢	-2.7 🐪	15
Number of Funds in Peer Group	67	52	47	31	89					85
Vorld Bond										
Templeton Global Bond Adv	4	21 🗏	3	1 🗏	12	7.1	8.1"	3.1"	3.5	16
Legg Mason BW Global Opportunities Bd IS	11	1	8		11	5.4	5.9 🧢	5.2 🧢	2.4	16
Number of Funds in Peer Group	76	67	53	43	107					103
Balanced										
Moderate Allocation										
Greenspring	89 🔲	89 📘	23	7	11	-4.5 🐪	-5.5 🕌	-4.4 🕌	-0.9 🐪	27
BlackRock Managed Volatility Instl	88	73	46	31 🗏	24	-1.3 🐪	-5.3 🕌	-3.0 🕌	-2.0 ::	34
Number of Funds in Peer Group	238	209	189	137	403					362
arget-Date 2000-2010										
AllianceBern 2000 Retirement Strat A	89 🗐	88	77		67 🔚	-1.5 🐪	-2.4 🕌	-1.8 🖫	-4.1 ¨∷	43
Number of Funds in Peer Group	37	33	27	5	58					57
Retirement Income										
Legg Mason Target Retirement R	38 🗐	6			10	-1.8 🐪	-5.6 🕌	-1.6 🕌		99
Number of Funds in Peer Group	58	53	30	6	71					7:
nternational										
Foreign Large Value										
MFS International Value I	15	3	1	1	18 🔚	۳ 3.0	4.5	6.5	6.2	25
Number of Funds in Peer Group	97	90	78	56	132					128
Foreign Large Blend										
Legg Mason Glbl Curr Intl All Cap Opp I	27 🗏	18	32	75	86	3.2	3.8*	2.1	۳. 0.9	44
Number of Funds in Peer Group	213	196	168	125	315					297
Diversified Emerging Mkts										
JPMorgan Emerging Mkts Eq Instl	35	40	25	30	52	-1.2 🐪	8.0	-0.3	0.4	39
Number of Funds in Peer Group	148	111	83	52	207					202
egend:	_									
Peer Percentile Rank:	Represe	nts the fu	ınd's qua	rtile rank	within its	category.				
Excess Benchmark Performance:	The fund	outperfo	ormed its	category	benchma	rk by over	50 basis	points.		
	> The fund	tracks it	s catego	ry benchr	nark withir	n +/- 50 ba	sis point	S.		
			_	-		nark by ov				

Past performance is no guarantee of future results. Current returns may be higher/lower. Principal value/returns fluctuate. Investor shares may be worth more/less than original cost. Returns assume reinvestment of all distributions at NAV & deduction of fund expenses. YTD returns are cumulative & not annualized. For current month-end returns: http://advisor.morningstar.com/familyinfo.asp.

Current funds are shown in black. Proposed funds are shown in blue.

# 09/12 | Fund Monitoring

### **Investment Options**

		Exce	Expense Ratio							
	1 Yr	3 Yr	5 Yr	10 Yr	SI*	YTD	1 Yr	3 Yr	5 Yr	Rank
Specialty										
Stocks- Computer Systems										
International Business Machines Corp	35 🗏	21	12	14		-2.2 📆	-9.6 🖫	الله 9.1"	ات 13.0	
Number of Funds in Peer Group	81	74	71	67						



### Legend:

Peer Percentile Rank:		Represents the fund's quartile rank within its category.
Excess Benchmark Performance:	.,78	The fund outperformed its category benchmark by over 50 basis points.
	>	The fund tracks its category benchmark within +/- 50 basis points.
	1	The fund underperformed its category benchmark by over 50 basis points.
Current funds are shown in black. Proposed fund	ds are	shown in blue.

# 09/12 | Important Information Regarding Fund Scorecards

The following pages contain Fund Scorecards for the funds featured in this presentation. The scorecards contain several tests that were done on the funds along with the criteria to review each test. There is a score for each test for each fund and the score is determined by MPI Stylus based on the criteria being met. The criteria and test are owned and were created by MPI Stylus, who is unaffiliated with Legg Mason.



Criteria	Threshold
Manager Tenure	Portfolio manager or management team must have managed this product for at least 3 years.
Net Assets	Net assets under management for this product must be greater than \$100 million.
Excess Performance (3Yr)	The fund must outperform its benchmark over the trailing 3-year period.
Excess Performance (5Yr)	The fund must outperform its benchmark over the trailing 5-year period.
Excess Performance (10Yr)	The fund must outperform its benchmark over the trailing 10-year period.
Alpha (5Yr)	The fund's Alpha must be greater than 0% over the trailing 5-year period.
Peer Return Rank (3Yr)	The fund's Return Rank must be in the top 50% of its peer group over the trailing 3-year period.
Peer Return Rank (5Yr)	The fund's Return Rank must be in the top 50% of its peer group over the trailing 5-year period.
Peer Return Rank (10Yr)	The fund's Return Rank must be in the top 50% of its peer group over the trailing 10-year period.
Sharpe Ratio (5Yr)	The fund's Sharpe Ratio must be greater than 0% over the trailing 5-year period.
Style Drift Score (5Yr)	The fund's Style Drift Score must be lower than 30 over the trailing 5-year period.
Expense Ratio Rank	The fund's Expense Ratio must be in the top 50% of its peer group.
Up Capture Rank (5Yr)	The fund's Up Capture Rank must be in the top 50 of its peer group over the trailing 5-year period.
Down Capture Rank (5Yr)	The fund's Down Capture Rank must be in the top 50 of its peer group over the trailing 5-year period
<b>Overall Morningstar Rating</b>	The fund's Overall Morningstar Rating must be greater than 2 stars.
Watch List Trigger	Funds not meeting 5 of the above criteria are placed on a watchlist.

ramento anna real anna greni	Mutual A	Fund Meets Watchlist Criteria.
Manager Tenure	Pass	This manager/team has been managing this product for 14.76 years.
Net Assets	Pass	Total Assets Under Management for this product is \$55,157.50 million.
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 1.66%.
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 1.42%.
Excess Performance (10Yr)	Review	The fund underperformed its benchmark by 0.7%.
Alpha (5Yr)	Pass	This fund's Alpha is 1.17% as calculated against its Benchmark.
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 11 within its Peer Group.
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 29 within its Peer Group.
Peer Return Rank (10Yr)	Review	The fund's Return Rank is 57 within its Peer Group.
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.08.
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 14.01.
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 7 within its Peer Group.
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 89 within its Peer Group.
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 15 within its Peer Group.
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 4 stars.
Lord Abbett Fundamental Eq	uity A	Fund Meets Watchlist Criteria.
Manager Tenure Net Assets	Pass	This manager/team has been managing this product for 10.76 years.
Manager Tenure Net Assets		This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.
Manager Tenure Net Assets Excess Performance (3Yr)	Pass Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr)	Pass Pass Review	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.
Manager Tenure Net Assets Excess Performance (3Yr)	Pass Pass Review Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr)	Pass Pass Review Pass Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.  The fund outperformed its benchmark by 0.82%.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr)	Pass Pass Review Pass Pass Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.  The fund outperformed its benchmark by 0.82%.  This fund's Alpha is 0.70% as calculated against its Benchmark.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr)	Pass Pass Review Pass Pass Pass Review	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.  The fund outperformed its benchmark by 0.82%.  This fund's Alpha is 0.70% as calculated against its Benchmark.  The fund's Return Rank is 77 within its Peer Group.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr)	Pass Pass Review Pass Pass Pass Review Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.  The fund outperformed its benchmark by 0.82%.  This fund's Alpha is 0.70% as calculated against its Benchmark.  The fund's Return Rank is 77 within its Peer Group.  The fund's Return Rank is 15 within its Peer Group.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr)	Pass Pass Review Pass Pass Pass Pass Pass Review Pass Pass Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.  The fund outperformed its benchmark by 0.82%.  This fund's Alpha is 0.70% as calculated against its Benchmark.  The fund's Return Rank is 77 within its Peer Group.  The fund's Return Rank is 15 within its Peer Group.  The fund's Return Rank is 12 within its Peer Group.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr)	Pass Pass Review Pass Pass Pass Pass Pass Review Pass Pass Pass Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.  The fund outperformed its benchmark by 0.82%.  This fund's Alpha is 0.70% as calculated against its Benchmark.  The fund's Return Rank is 77 within its Peer Group.  The fund's Return Rank is 15 within its Peer Group.  The fund's Return Rank is 12 within its Peer Group.  This fund's Sharpe Ratio is 0.15.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr) Style Drift Score (5Yr)	Pass Pass Review Pass Pass Pass Review Pass Pass Review Pass Pass Pass Pass Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.  The fund outperformed its benchmark by 0.82%.  This fund's Alpha is 0.70% as calculated against its Benchmark.  The fund's Return Rank is 77 within its Peer Group.  The fund's Return Rank is 15 within its Peer Group.  The fund's Return Rank is 12 within its Peer Group.  This fund's Sharpe Ratio is 0.15.  The fund's Style Drift Score is 23.46.
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr) Style Drift Score (5Yr) Expense Ratio Rank	Pass Pass Review Pass Pass Pass Pass Review Pass Pass Pass Pass Pass Pass Review	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4,770.87 million.  The fund underperformed its benchmark by 3.77%.  The fund outperformed its benchmark by 0.69%.  The fund outperformed its benchmark by 0.82%.  This fund's Alpha is 0.70% as calculated against its Benchmark.  The fund's Return Rank is 77 within its Peer Group.  The fund's Return Rank is 15 within its Peer Group.  The fund's Return Rank is 12 within its Peer Group.  This fund's Sharpe Ratio is 0.15.  The fund's Style Drift Score is 23.46.  The fund's Expense Ratio percentile rank is 50 within its Peer Group.

SPDR S&P 500		Fund has been placed on watchlist for not meeting 8 out of 15 criteria.
Manager Tenure	Pass	This manager/team has been managing this product for 19.70 years.
Net Assets	Pass	Total Assets Under Management for this product is \$118,359.01 million.
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 0.11%.
Excess Performance (5Yr)	Review	The fund underperformed its benchmark by 0.06%.
	Review	The fund underperformed its benchmark by 0.1%.
Alpha (5Yr)	Review	This fund's Alpha is -0.06% as calculated against its Benchmark.
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 40 within its Peer Group.
Peer Return Rank (5Yr)	Review	The fund's Return Rank is 71 within its Peer Group.
Peer Return Rank (10Yr)	Review	The fund's Return Rank is 86 within its Peer Group.
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.11.
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 3.17.
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 11 within its Peer Group.
Jp Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 59 within its Peer Group.
Down Capture Rank (5Yr)	Review	The fund's Down Capture Ratio Rank is 55 within its Peer Group.
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 4 stars.
		5 5 Totali morningotal realing to 1 deato.
ING V AD-ING Pioneer Port I	_	Fund has been placed on watchlist for not meeting 6 out of 12 criteria.
Manager Tenure	Pass	This manager/team has been managing this product for 8.00 years.
Net Assets		Information Not Available
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 3.37%.
Excess Performance (5Yr)	Review	The fund underperformed its benchmark by 1.98%.
Excess Performance (10Yr)		Information Not Available
Alpha (5Yr)	Review	This fund's Alpha is -1.97% as calculated against its Benchmark.
Peer Return Rank (3Yr)	Review	The fund's Return Rank is 68 within its Peer Group.
Peer Return Rank (5Yr)	Review	The fund's Return Rank is 71 within its Peer Group.
Peer Return Rank (10Yr)		Information Not Available
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.01.
Style Drift Score (5Yr)	Pass 🥏	The fund's Style Drift Score is 16.95.
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 33 within its Peer Group.
Jp Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 92 within its Peer Group.
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 36 within its Peer Group.
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 3 stars.
		Fund has been placed on watchlist for not meeting 6 out of 15 criteria.
Manager Tenure	Pass	This manager/team has been managing this product for 26.93 years.
Net Assets	Pass	Total Assets Under Management for this product is \$114,773.64 million.
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 4.3%.
Excess Performance (5Yr)	Review	The fund underperformed its benchmark by 2.94%.
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 0.44%.
Alpha (5Yr)	Review	This fund's Alpha is -2.90% as calculated against its Benchmark.
Peer Return Rank (3Yr)	Review	The fund's Return Rank is 74 within its Peer Group.
Peer Return Rank (5Yr)	Review	The fund's Return Rank is 67 within its Peer Group.
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 25 within its Peer Group.
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.08.
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 18.00.
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 2 within its Peer Group.
In Contura Bonk (EVr)	Review	The fund's Up Capture Ratio Rank is 77 within its Peer Group.
Jp Capture Rank (5Yr)	_	·
Down Capture Rank (517)  Overall Morningstar Rating	Pass Pass	The fund's Down Capture Ratio Rank is 37 within its Peer Group.  The fund's Overall Morningstar Rating is 3 stars.

Dreyfus Opportunistic Midcap	Val	ue A	Fund Meets Watchlist Criteria.
Manager Tenure		Pass	This manager/team has been managing this product for 9.05 years.
Net Assets		Pass	Total Assets Under Management for this product is \$1,182.00 million.
Excess Performance (3Yr)		Review	The fund underperformed its benchmark by 1.79%.
Excess Performance (5Yr)		Pass	The fund outperformed its benchmark by 2.8%.
Excess Performance (10Yr)		Pass	The fund outperformed its benchmark by 2.11%.
Alpha (5Yr)		Pass	This fund's Alpha is 2.68% as calculated against its Benchmark.
Peer Return Rank (3Yr)		Pass	The fund's Return Rank is 48 within its Peer Group.
Peer Return Rank (5Yr)		Pass	The fund's Return Rank is 6 within its Peer Group.
Peer Return Rank (10Yr)		Pass	The fund's Return Rank is 4 within its Peer Group.
Sharpe Ratio (5Yr)		Pass	This fund's Sharpe Ratio is 0.29.
Style Drift Score (5Yr)		Review	The fund's Style Drift Score is 40.52.
Expense Ratio Rank		Pass	The fund's Expense Ratio percentile rank is 39 within its Peer Group.
Up Capture Rank (5Yr)		Pass	The fund's Up Capture Ratio Rank is 10 within its Peer Group.
Down Capture Rank (5Yr)		Review	The fund's Down Capture Ratio Rank is 73 within its Peer Group.
Overall Morningstar Rating		Pass	The fund's Overall Morningstar Rating is 4 stars.
Goldman Sachs Growth Oppor	rtun	ities Instl	Fund Meets Watchlist Criteria.
Manager Tenure		Pass	This manager/team has been managing this product for 13.26 years.
Net Assets		Pass	Total Assets Under Management for this product is \$4,198.39 million.
Excess Performance (3Yr)		Review	The fund underperformed its benchmark by 1.18%.
Excess Performance (5Yr)		Pass	The fund outperformed its benchmark by 2.04%.
Excess Performance (10Yr)		Pass	The fund outperformed its benchmark by 0.13%.
Alpha (5Yr)		Pass	This fund's Alpha is 2.08% as calculated against its Benchmark.
Peer Return Rank (3Yr)		Pass	The fund's Return Rank is 40 within its Peer Group.
Peer Return Rank (5Yr)		Pass	The fund's Return Rank is 14 within its Peer Group.
Peer Return Rank (10Yr)		Pass	The fund's Return Rank is 25 within its Peer Group.
Sharpe Ratio (5Yr)		Pass	This fund's Sharpe Ratio is 0.28.
Style Drift Score (5Yr)		Pass	The fund's Style Drift Score is 17.57.
Expense Ratio Rank		Pass	The fund's Expense Ratio percentile rank is 16 within its Peer Group.
Up Capture Rank (5Yr)		Pass	The fund's Up Capture Ratio Rank is 30 within its Peer Group.
Down Capture Rank (5Yr)		Pass	The fund's Down Capture Ratio Rank is 34 within its Peer Group.
Overall Morningstar Rating		Pass	The fund's Overall Morningstar Rating is 4 stars.
JPMorgan Dynamic Small C	ap	Growth C	Fund has been placed on watchlist for not meeting 9 out of 15 criteria.
Manager Tenure	_	Pass	This manager/team has been managing this product for 8.01 years.
Net Assets		Pass	Total Assets Under Management for this product is \$379.50 million.
Excess Performance (3Yr)		Review	The fund underperformed its benchmark by 0.29%.
Excess Performance (5Yr)		Review	The fund underperformed its benchmark by 3.15%.
Excess Performance (10Yr)		Review	The fund underperformed its benchmark by 2.83%.
Alpha (5Yr)		Review	This fund's Alpha is -3.09% as calculated against its Benchmark.
Peer Return Rank (3Yr)		Pass	The fund's Return Rank is 45 within its Peer Group.
Peer Return Rank (5Yr)		Review	The fund's Return Rank is 79 within its Peer Group.
Peer Return Rank (10Yr)		Review	The fund's Return Rank is 90 within its Peer Group.
Sharpe Ratio (5Yr)		Pass	This fund's Sharpe Ratio is 0.09.
Style Drift Score (5Yr)		Pass	The fund's Style Drift Score is 19.08.
Expense Ratio Rank		Review	The fund's Expense Ratio percentile rank is 93 within its Peer Group.
Up Capture Rank (5Yr)		Pass	The fund's Up Capture Ratio Rank is 46 within its Peer Group.
Down Capture Rank (5Yr)		Review	The fund's Down Capture Ratio Rank is 78 within its Peer Group.
Overall Morningstar Rating		Review	The fund's Overall Morningstar Rating is 2 stars.

Columbia Small Cap Growth I	Α		Fund Meets Watchlist Criteria.
Manager Tenure		Pass	This manager/team has been managing this product for 6.66 years.
Net Assets		Pass	Total Assets Under Management for this product is \$1,037.27 million.
Excess Performance (3Yr)		Pass	The fund outperformed its benchmark by 0.33%.
Excess Performance (5Yr)		Review	The fund underperformed its benchmark by 0.61%.
Excess Performance (10Yr)		Pass	The fund outperformed its benchmark by 0.32%.
Alpha (5Yr)		Review	This fund's Alpha is -0.51% as calculated against its Benchmark.
Peer Return Rank (3Yr)		Pass	The fund's Return Rank is 35 within its Peer Group.
Peer Return Rank (5Yr)		Pass	The fund's Return Rank is 44 within its Peer Group.
Peer Return Rank (10Yr)		Pass	The fund's Return Rank is 27 within its Peer Group.
Sharpe Ratio (5Yr)		Pass	This fund's Sharpe Ratio is 0.19.
Style Drift Score (5Yr)		Pass	The fund's Style Drift Score is 23.22.
Expense Ratio Rank		Pass	The fund's Expense Ratio percentile rank is 39 within its Peer Group.
Up Capture Rank (5Yr)		Pass	The fund's Up Capture Ratio Rank is 31 within its Peer Group.
Down Capture Rank (5Yr)		Review	The fund's Down Capture Ratio Rank is 60 within its Peer Group.
Overall Morningstar Rating		Pass	The fund's Overall Morningstar Rating is 3 stars.
PIMCO Total Return Instl			Fund Meets Watchlist Criteria.
Manager Tenure		Pass	This manager/team has been managing this product for 25.41 years.
Net Assets		Pass	Total Assets Under Management for this product is \$277,679.20 million.
Excess Performance (3Yr)		Pass	The fund outperformed its benchmark by 1.5%.
Excess Performance (5Yr)	Ħ	Pass	The fund outperformed its benchmark by 2.39%.
Excess Performance (10Yr)	Ħ	Pass	The fund outperformed its benchmark by 1.62%.
Alpha (5Yr)	Ħ	Pass	This fund's Alpha is 2.94% as calculated against its Benchmark.
Peer Return Rank (3Yr)	Ħ	Pass	The fund's Return Rank is 32 within its Peer Group.
Peer Return Rank (5Yr)		Pass	The fund's Return Rank is 3 within its Peer Group.
Peer Return Rank (10Yr)		Pass	The fund's Return Rank is 7 within its Peer Group.
Sharpe Ratio (5Yr)		Pass	This fund's Sharpe Ratio is 1.85.
Style Drift Score (5Yr)		Pass	The fund's Style Drift Score is 18.84.
Expense Ratio Rank		Pass	The fund's Expense Ratio percentile rank is 20 within its Peer Group.
Up Capture Rank (5Yr)		Pass	The fund's Up Capture Ratio Rank is 13 within its Peer Group.
Down Capture Rank (5Yr)		Pass	The fund's Down Capture Ratio Rank is 17 within its Peer Group.
Overall Morningstar Rating		Pass	The fund's Overall Morningstar Rating is 5 stars.
American Funds Bond Fund	d of	Amer R6	Fund has been placed on watchlist for not meeting 5 out of 15 criteria.
Manager Tenure		Pass	This manager/team has been managing this product for 23.76 years.
Net Assets		Pass	Total Assets Under Management for this product is \$33,928.88 million.
Excess Performance (3Yr)		Pass	The fund outperformed its benchmark by 0.97%.
Excess Performance (5Yr)		Review	The fund underperformed its benchmark by 2.27%.
Excess Performance (10Yr)		Pass	The fund outperformed its benchmark by 0.14%.
Alpha (5Yr)		Review	This fund's Alpha is -2.62% as calculated against its Benchmark.
Peer Return Rank (3Yr)		Pass	The fund's Return Rank is 47 within its Peer Group.
Peer Return Rank (5Yr)		Review	The fund's Return Rank is 93 within its Peer Group.
Peer Return Rank (10Yr)		Pass	The fund's Return Rank is 45 within its Peer Group.
Sharpe Ratio (5Yr)		Pass	This fund's Sharpe Ratio is 0.67.
Style Drift Score (5Yr)		Pass	The fund's Style Drift Score is 16.97.
Expense Ratio Rank		Pass	The fund's Expense Ratio percentile rank is 7 within its Peer Group.
Up Capture Rank (5Yr)		Review	The fund's Up Capture Ratio Rank is 76 within its Peer Group.
Down Capture Rank (5Yr)		Review	The fund's Down Capture Ratio Rank is 90 within its Peer Group.
Overall Morningstar Rating		Pass	The fund's Overall Morningstar Rating is 3 stars.
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Lord Abbett High Yield I Fund has been placed on watchlist for not meeting 5 out of 15 criteria.			
Manager Tenure	Pass	This manager/team has been managing this product for 13.76 years.	
Net Assets	Pass	Total Assets Under Management for this product is \$2,275.90 million.	
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 0.62%.	
Excess Performance (5Yr)	Review	The fund underperformed its benchmark by 0.5%.	
	Review	The fund underperformed its benchmark by 1.15%.	
Alpha (5Yr)	Pass	This fund's Alpha is 0.46% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 23 within its Peer Group.	
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 12 within its Peer Group.	
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 28 within its Peer Group.	
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.67.	
Style Drift Score (5Yr)	Review	The fund's Style Drift Score is 60.39.	
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 26 within its Peer Group.	
Up Capture Rank (5Yr)	Pass	The fund's Up Capture Ratio Rank is 25 within its Peer Group.	
Down Capture Rank (5Yr)	Review	The fund's Down Capture Ratio Rank is 53 within its Peer Group.	
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 4 stars.	
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Putnam Diversified Income \		Fund has been placed on watchlist for not meeting 6 out of 15 criteria.	
Manager Tenure	Pass	This manager/team has been managing this product for 17.76 years.	
Net Assets	Pass	Total Assets Under Management for this product is \$3,385.86 million.	
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 2.46%.	
Excess Performance (5Yr)	Review	The fund underperformed its benchmark by 2.65%.	
, , ,	Pass	The fund outperformed its benchmark by 1.27%.	
Alpha (5Yr)	Pass	This fund's Alpha is 0.87% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Review	The fund's Return Rank is 65 within its Peer Group.	
Peer Return Rank (5Yr)	Review	The fund's Return Rank is 93 within its Peer Group.	
Peer Return Rank (10Yr)	Review	The fund's Return Rank is 83 within its Peer Group.	
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.29.	
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 27.22.	
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 15 within its Peer Group.	
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 89 within its Peer Group.	
. ,	Pass	The fund's Down Capture Ratio Rank is 44 within its Peer Group.	
Overall Morningstar Rating	Review	The fund's Overall Morningstar Rating is 1 stars.	
Templeton Global Bond Adv		Fund Meets Watchlist Criteria.	
Manager Tenure	Pass	This manager/team has been managing this product for 11.75 years.	
Net Assets	Pass	Total Assets Under Management for this product is \$61,579.76 million.	
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 3.13%.	
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 3.48%.	
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 4.72%.	
Alpha (5Yr)	Pass	This fund's Alpha is 4.36% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 21 within its Peer Group.	
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 3 within its Peer Group.	
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 1 within its Peer Group.	
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.93.	
Style Drift Score (5Yr)	Review	The fund's Style Drift Score is 47.06.	
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 16 within its Peer Group.	
Up Capture Rank (5Yr)	Pass	The fund's Up Capture Ratio Rank is 42 within its Peer Group.	
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 32 within its Peer Group.	
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 5 stars.	

Greenspring	Greenspring Fund has been placed on watchlist for not meeting 6 out of 15 criteria.		
Manager Tenure	Pass	This manager/team has been managing this product for 25.76 years.	
Net Assets	Pass	Total Assets Under Management for this product is \$686.54 million.	
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 4.43%.	
Excess Performance (5Yr)	Review	The fund underperformed its benchmark by 0.94%.	
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 0.53%.	
Alpha (5Yr)	Review	This fund's Alpha is -0.15% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Review	The fund's Return Rank is 89 within its Peer Group.	
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 23 within its Peer Group.	
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 7 within its Peer Group.	
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.29.	
Style Drift Score (5Yr)	Review	The fund's Style Drift Score is 33.26.	
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 27 within its Peer Group.	
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 97 within its Peer Group.	
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 2 within its Peer Group.	
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 4 stars.	
AllianceBern 2000 Retirement	nt Strat A	Fund has been placed on watchlist for not meeting 8 out of 13 criteria.	
Manager Tenure	Pass	This manager/team has been managing this product for 7.08 years.	
Net Assets	Review	Total Assets Under Management for this product is \$22.40 million.	
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 1.83%.	
	Review	The fund underperformed its benchmark by 4.08%.	
Excess Performance (10Yr)	- Review	Information Not Available	
Alpha (5Yr)	Review	This fund's Alpha is -6.61% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Review	The fund's Return Rank is 88 within its Peer Group.	
Peer Return Rank (5Yr)	Review	The fund's Return Rank is 77 within its Peer Group.	
Peer Return Rank (10Yr)	review	Ine fund's Return Rank is 77 within its Peer Group.  Information Not Available	
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.10.	
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 15.38.	
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 43 within its Peer Group.	
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 85 within its Peer Group.	
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 27 within its Peer Group.	
Overall Morningstar Rating	Review	The fund's Overall Morningstar Rating is 2 stars.	
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MFS International Value I		Fund Meets Watchlist Criteria.	
Manager Tenure	Pass	This manager/team has been managing this product for 8.95 years.	
Net Assets	Pass	Total Assets Under Management for this product is \$6,562.99 million.	
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 6.54%.	
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 6.15%.	
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 2.4%.	
Alpha (5Yr)	Pass	This fund's Alpha is 4.64% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 3 within its Peer Group.	
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 1 within its Peer Group.	
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 1 within its Peer Group.	
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.08.	
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 17.53.	
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 25 within its Peer Group.	
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 96 within its Peer Group.	
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 2 within its Peer Group.	
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 5 stars.	

International Business Machi	nes Corp	Fund Meets Watchlist Criteria.	
Manager Tenure		Information Not Available	
Net Assets		Information Not Available	
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 9.09%.	
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 12.96%.	
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 6.81%.	
Alpha (5Yr)	Pass	This fund's Alpha is 13.07% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 21 within its Peer Group.	
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 12 within its Peer Group.	
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 14 within its Peer Group.	
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.74.	
Style Drift Score (5Yr)	Review	The fund's Style Drift Score is 32.14.	
Expense Ratio Rank		Information Not Available	
Up Capture Rank (5Yr)	Pass	The fund's Up Capture Ratio Rank is 42 within its Peer Group.	
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 13 within its Peer Group.	
Overall Morningstar Rating		Information Not Available	

Criteria	Threshold	
Manager Tenure	Portfolio manager or management team must have managed this product for at least 3 years.	
Net Assets	Net assets under management for this product must be greater than \$100 million.	
Excess Performance (3Yr)	The fund must outperform its benchmark over the trailing 3-year period.	
Excess Performance (5Yr)	The fund must outperform its benchmark over the trailing 5-year period.	
Excess Performance (10Yr)	The fund must outperform its benchmark over the trailing 10-year period.	
Alpha (5Yr)	The fund's Alpha must be greater than 0% over the trailing 5-year period.	
Peer Return Rank (3Yr)	The fund's Return Rank must be in the top 50% of its peer group over the trailing 3-year period.	
Peer Return Rank (5Yr)	The fund's Return Rank must be in the top 50% of its peer group over the trailing 5-year period.	
Peer Return Rank (10Yr)	The fund's Return Rank must be in the top 50% of its peer group over the trailing 10-year period.	
Sharpe Ratio (5Yr)	The fund's Sharpe Ratio must be greater than 0% over the trailing 5-year period.	
Style Drift Score (5Yr)	The fund's Style Drift Score must be lower than 30 over the trailing 5-year period.	
Expense Ratio Rank	The fund's Expense Ratio must be in the top 50% of its peer group.	
Up Capture Rank (5Yr)	The fund's Up Capture Rank must be in the top 50 of its peer group over the trailing 5-year period.	
Down Capture Rank (5Yr)	The fund's Down Capture Rank must be in the top 50 of its peer group over the trailing 5-year period	
Overall Morningstar Rating	The fund's Overall Morningstar Rating must be greater than 2 stars.	
Watch List Trigger	Funds not meeting 5 of the above criteria are placed on a watchlist.	

American Century Equity Inco	ome Instl	Fund Meets Watchlist Criteria.	
Manager Tenure	Pass	This manager/team has been managing this product for 17.76 years.	
Net Assets	Pass	Total Assets Under Management for this product is \$9,922.07 million.	
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 0.29%.	
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 3.5%.	
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 0.29%.	
Alpha (5Yr)	Pass	This fund's Alpha is 2.89% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 33 within its Peer Group.	
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 7 within its Peer Group.	
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 23 within its Peer Group.	
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.21.	
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 16.16.	
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 15 within its Peer Group.	
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 99 within its Peer Group.	
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 2 within its Peer Group.	
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 5 stars.	
Legg Mason ClearBridge App	reciation I	Fund Meets Watchlist Criteria.	
Manager Tenure	Pass	This manager/team has been managing this product for 10.76 years.	
Manager Tenure Net Assets	Pass Pass	This manager/team has been managing this product for 10.76 years.  Total Assets Under Management for this product is \$4.450.40 million.	
Net Assets	Pass Pass Review	Total Assets Under Management for this product is \$4,450.40 million.	
Net Assets Excess Performance (3Yr)	Pass	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%.	
Net Assets	Pass Review	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%. The fund outperformed its benchmark by 2.07%.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr)	Pass Review Pass	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr)	Pass Review Pass Pass	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%. The fund outperformed its benchmark by 2.07%. The fund outperformed its benchmark by 0.32%.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr)	Pass Review Pass Pass Pass	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%. The fund outperformed its benchmark by 2.07%. The fund outperformed its benchmark by 0.32%. This fund's Alpha is 2.12% as calculated against its Benchmark.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr)	Pass Review Pass Pass Pass Pass Pass	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%. The fund outperformed its benchmark by 2.07%. The fund outperformed its benchmark by 0.32%. This fund's Alpha is 2.12% as calculated against its Benchmark. The fund's Return Rank is 36 within its Peer Group.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr)	Pass Review Pass Pass Pass Pass Pass Pass	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%. The fund outperformed its benchmark by 2.07%. The fund outperformed its benchmark by 0.32%. This fund's Alpha is 2.12% as calculated against its Benchmark. The fund's Return Rank is 36 within its Peer Group. The fund's Return Rank is 6 within its Peer Group.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr)	Pass Review Pass Pass Pass Pass Pass Pass Pass Pas	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%. The fund outperformed its benchmark by 2.07%. The fund outperformed its benchmark by 0.32%. This fund's Alpha is 2.12% as calculated against its Benchmark. The fund's Return Rank is 36 within its Peer Group. The fund's Return Rank is 6 within its Peer Group. The fund's Return Rank is 21 within its Peer Group.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr)	Pass Review Pass Pass Pass Pass Pass Pass Pass Pas	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%. The fund outperformed its benchmark by 2.07%. The fund outperformed its benchmark by 0.32%. This fund's Alpha is 2.12% as calculated against its Benchmark. The fund's Return Rank is 36 within its Peer Group. The fund's Return Rank is 6 within its Peer Group. The fund's Return Rank is 21 within its Peer Group. This fund's Sharpe Ratio is 0.23.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr) Style Drift Score (5Yr)	Pass Review Pass Pass Pass Pass Pass Pass Pass Pas	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%.  The fund outperformed its benchmark by 2.07%.  The fund outperformed its benchmark by 0.32%.  This fund's Alpha is 2.12% as calculated against its Benchmark.  The fund's Return Rank is 36 within its Peer Group.  The fund's Return Rank is 6 within its Peer Group.  The fund's Return Rank is 21 within its Peer Group.  This fund's Sharpe Ratio is 0.23.  The fund's Style Drift Score is 14.46.	
Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr) Style Drift Score (5Yr) Expense Ratio Rank	Pass Review Pass Pass Pass Pass Pass Pass Pass Pas	Total Assets Under Management for this product is \$4,450.40 million. The fund underperformed its benchmark by 0.67%.  The fund outperformed its benchmark by 2.07%.  The fund outperformed its benchmark by 0.32%.  This fund's Alpha is 2.12% as calculated against its Benchmark.  The fund's Return Rank is 36 within its Peer Group.  The fund's Return Rank is 6 within its Peer Group.  The fund's Return Rank is 21 within its Peer Group.  This fund's Sharpe Ratio is 0.23.  The fund's Style Drift Score is 14.46.  The fund's Expense Ratio percentile rank is 23 within its Peer Group.	

JPMorgan Large Cap Growth A		Fund Meets Watchlist Criteria.		
Manager Tenure	Pass	This manager/team has been managing this product for 8.17 years.		
Net Assets	Pass	Total Assets Under Management for this product is \$8,572.17 million.		
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 2.3%.		
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 0.89%.		
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 0.25%.		
Alpha (5Yr)	Pass	This fund's Alpha is 0.85% as calculated against its Benchmark.		
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 6 within its Peer Group.		
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 10 within its Peer Group.		
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 29 within its Peer Group.		
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.27.		
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 9.78.		
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 43 within its Peer Group.		
Up Capture Rank (5Yr)	Pass	The fund's Up Capture Ratio Rank is 42 within its Peer Group.		
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 20 within its Peer Group.		
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 4 stars.		
Victory Established Value R		Fund has been placed on watchlist for not meeting 5 out of 15 criteria.		
Manager Tenure	Pass	This manager/team has been managing this product for 14.18 years.		
Net Assets	Pass	Total Assets Under Management for this product is \$1,279.66 million.		
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 2.36%.		
	Pass	The fund outperformed its benchmark by 2.55%.		
Excess Performance (10Yr)	Review	The fund underperformed its benchmark by 0%.		
Alpha (5Yr)	Pass	This fund's Alpha is 2.71% as calculated against its Benchmark.		
Peer Return Rank (3Yr)	Review	The fund's Return Rank is 54 within its Peer Group.		
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 11 within its Peer Group.		
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 19 within its Peer Group.		
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.27.		
Style Drift Score (5Yr)	Review 🗥	The fund's Style Drift Score is 34.51.		
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 48 within its Peer Group.		
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 71 within its Peer Group.		
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 14 within its Peer Group.		
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 5 stars.		
Prudential Jennison Mid Cap G	Frowth A	Fund Meets Watchlist Criteria.		
Manager Tenure	Pass	This manager/team has been managing this product for 7.09 years.		
Net Assets	Pass	Total Assets Under Management for this product is \$5,999.63 million.		
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 0.08%.		
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 2.07%.		
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 2.39%.		
Alpha (5Yr)	Pass	This fund's Alpha is 2.37% as calculated against its Benchmark.		
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 26 within its Peer Group.		
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 20 within its Peer Group.  The fund's Return Rank is 14 within its Peer Group.		
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 3 within its Peer Group.		
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.29.		
Style Drift Score (5Yr)	Review	The fund's Style Drift Score is 33.09.		
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 31 within its Peer Group.		
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 81 within its Peer Group.		
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 9 within its Peer Group.		
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 4 stars.		
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Legg Mason ClearBridge Small	II Cap Gr I	Fund Meets Watchlist Criteria.		
Manager Tenure	Pass	This manager/team has been managing this product for 5.59 years.		
Net Assets	Pass	Total Assets Under Management for this product is \$958.18 million.		
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 3.16%.		
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 2.14%.		
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 1.61%.		
Alpha (5Yr)	Pass	This fund's Alpha is 2.35% as calculated against its Benchmark.		
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 9 within its Peer Group.		
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 9 within its Peer Group.		
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 8 within its Peer Group.		
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.30.		
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 11.50.		
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 6 within its Peer Group.		
Up Capture Rank (5Yr)	Pass	The fund's Up Capture Ratio Rank is 39 within its Peer Group.		
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 19 within its Peer Group.		
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 4 stars.		
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Western Asset Core Plus Bone		Fund Meets Watchlist Criteria.		
Manager Tenure	Pass	This manager/team has been managing this product for 14.24 years.		
Net Assets	Pass	Total Assets Under Management for this product is \$9,860.12 million.		
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 3.85%.		
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 1.51%.		
Excess Performance (10Yr)	Pass	The fund outperformed its benchmark by 1.87%.		
Alpha (5Yr)	Pass	This fund's Alpha is 0.42% as calculated against its Benchmark.		
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 3 within its Peer Group.		
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 13 within its Peer Group.		
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 4 within its Peer Group.		
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 1.00.		
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 26.27.		
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 17 within its Peer Group.		
Up Capture Rank (5Yr)	Pass	The fund's Up Capture Ratio Rank is 8 within its Peer Group.		
Down Capture Rank (5Yr)	Review	The fund's Down Capture Ratio Rank is 84 within its Peer Group.		
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 5 stars.		
Federated High-Income Bor	nd A	Fund has been placed on watchlist for not meeting 7 out of 15 criteria.		
Manager Tenure	Pass	This manager/team has been managing this product for 25.76 years.		
Net Assets	Pass	Total Assets Under Management for this product is \$1,211.37 million.		
Excess Performance (3Yr)	Review	The fund underperformed its benchmark by 0.61%.		
Excess Performance (5Yr)	Review	The fund underperformed its benchmark by 1.08%.		
Excess Performance (10Yr)	Review	The fund underperformed its benchmark by 1.34%.		
Alpha (5Yr)	Review	This fund's Alpha is -0.10% as calculated against its Benchmark.		
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 22 within its Peer Group.		
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 24 within its Peer Group.		
Peer Return Rank (10Yr)	Pass	The fund's Return Rank is 38 within its Peer Group.		
Sharpe Ratio (5Yr)	Pass	This fund's Sharpe Ratio is 0.64.		
Style Drift Score (5Yr)	Review	The fund's Style Drift Score is 46.74.		
Expense Ratio Rank	Review	The fund's Expense Ratio percentile rank is 81 within its Peer Group.		
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 50 within its Peer Group.		
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 42 within its Peer Group.		
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 3 stars.		

Legg Mason BW Global Oppo	rtur	nities Bd IS	Fund Meets Watchlist Criteria.		
Manager Tenure	Manager Tenure Pass		This manager/team has been managing this product for 5.92 years.		
Net Assets		Pass	Total Assets Under Management for this product is \$2,245.51 million.		
Excess Performance (3Yr)		Pass	The fund outperformed its benchmark by 5.23%.		
Excess Performance (5Yr)		Pass	The fund outperformed its benchmark by 2.4%.		
Excess Performance (10Yr)	_		Information Not Available		
Alpha (5Yr)		Pass	This fund's Alpha is 1.28% as calculated against its Benchmark.		
Peer Return Rank (3Yr)		Pass	The fund's Return Rank is 1 within its Peer Group.		
Peer Return Rank (5Yr)		Pass	The fund's Return Rank is 8 within its Peer Group.		
Peer Return Rank (10Yr)			Information Not Available		
Sharpe Ratio (5Yr)		Pass	This fund's Sharpe Ratio is 0.83.		
Style Drift Score (5Yr)	F	Review	The fund's Style Drift Score is 44.20.		
Expense Ratio Rank		Pass	The fund's Expense Ratio percentile rank is 16 within its Peer Group.		
Up Capture Rank (5Yr)	Ħ	Pass	The fund's Up Capture Ratio Rank is 31 within its Peer Group.		
Down Capture Rank (5Yr)	Ĭ	Pass	The fund's Down Capture Ratio Rank is 47 within its Peer Group.		
Overall Morningstar Rating		Pass	The fund's Overall Morningstar Rating is 4 stars.		
BlackRock Managed Volatil	lity	Instl	Fund has been placed on watchlist for not meeting 6 out of 15 criteria.		
Manager Tenure		Pass	This manager/team has been managing this product for 6.00 years.		
Net Assets		Pass	Total Assets Under Management for this product is \$557.35 million.		
Excess Performance (3Yr)		Review	The fund underperformed its benchmark by 3.05%.		
Excess Performance (5Yr)		Review	The fund underperformed its benchmark by 1.98%.		
Excess Performance (10Yr)		Review	The fund underperformed its benchmark by 0.71%.		
Alpha (5Yr)		Review	This fund's Alpha is -2.12% as calculated against its Benchmark.		
Peer Return Rank (3Yr)		Review	The fund's Return Rank is 73 within its Peer Group.		
Peer Return Rank (5Yr)		Pass	The fund's Return Rank is 46 within its Peer Group.		
Peer Return Rank (10Yr)		Pass	The fund's Return Rank is 31 within its Peer Group.		
Sharpe Ratio (5Yr)		Pass	This fund's Sharpe Ratio is 0.18.		
Style Drift Score (5Yr)		Pass	The fund's Style Drift Score is 18.57.		
Expense Ratio Rank		Pass	The fund's Expense Ratio percentile rank is 34 within its Peer Group.		
Up Capture Rank (5Yr)		Pass	The fund's Up Capture Ratio Rank is 30 within its Peer Group.		
Down Capture Rank (5Yr)		Review	The fund's Down Capture Ratio Rank is 63 within its Peer Group.		
<b>Overall Morningstar Rating</b>		Pass	The fund's Overall Morningstar Rating is 4 stars.		
Legg Mason Target Retiremen	nt R		Fund Meets Watchlist Criteria.		
Manager Tenure		Pass	This manager/team has been managing this product for 4.09 years.		
Net Assets		Review	Total Assets Under Management for this product is \$3.61 million.		
Excess Performance (3Yr)		Review	The fund underperformed its benchmark by 1.57%.		
Excess Performance (5Yr)	_		Information Not Available		
Excess Performance (10Yr)			Information Not Available		
Alpha (5Yr)			Information Not Available		
Peer Return Rank (3Yr)		Pass	The fund's Return Rank is 6 within its Peer Group.		
Peer Return Rank (5Yr)			Information Not Available		
Peer Return Rank (10Yr)			Information Not Available		
Sharpe Ratio (5Yr)			Information Not Available		
Style Drift Score (5Yr)			Information Not Available		
Expense Ratio Rank		Review	The fund's Expense Ratio percentile rank is 99 within its Peer Group.		
Up Capture Rank (5Yr)		I COVICAN	Information Not Available		
Down Capture Rank (5Yr)			Information Not Available		
Overall Morningstar Rating		Pass	The fund's Overall Morningstar Rating is 5 stars.		
Overall morningstar ivaling		1 000	The fand's Overall Monthlysial Italing is 3 stats.		

Legg Mason Glbl Curr Intl All	Сар Орр І	Fund Meets Watchlist Criteria.	
Manager Tenure	Pass	This manager/team has been managing this product for 5.76 years.	
Net Assets	Pass	Total Assets Under Management for this product is \$221.28 million.	
Excess Performance (3Yr)	Pass	The fund outperformed its benchmark by 2.05%.	
Excess Performance (5Yr)	Pass	The fund outperformed its benchmark by 0.86%.	
Excess Performance (10Yr)	Review	The fund underperformed its benchmark by 1.82%.	
Alpha (5Yr)	Pass	This fund's Alpha is 0.67% as calculated against its Benchmark.	
Peer Return Rank (3Yr)	Pass	The fund's Return Rank is 18 within its Peer Group.	
Peer Return Rank (5Yr)	Pass	The fund's Return Rank is 32 within its Peer Group.	
Peer Return Rank (10Yr)	Review	The fund's Return Rank is 75 within its Peer Group.	
Sharpe Ratio (5Yr)	Review	This fund's Sharpe Ratio is -0.08.	
Style Drift Score (5Yr)	Pass	The fund's Style Drift Score is 21.68.	
Expense Ratio Rank	Pass	The fund's Expense Ratio percentile rank is 44 within its Peer Group.	
Up Capture Rank (5Yr)	Review	The fund's Up Capture Ratio Rank is 53 within its Peer Group.	
Down Capture Rank (5Yr)	Pass	The fund's Down Capture Ratio Rank is 32 within its Peer Group.	
Overall Morningstar Rating	Pass	The fund's Overall Morningstar Rating is 4 stars.	
JPMorgan Emerging Mkts Eg	Instl	Fund Meets Watchlist Criteria.	
JPMorgan Emerging Mkts Eq Manager Tenure	InstI Pass		
JPMorgan Emerging Mkts Eq Manager Tenure Net Assets	_	This manager/team has been managing this product for 7.08 years.	
Manager Tenure	Pass		
Manager Tenure Net Assets	Pass Pass	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.	
Manager Tenure Net Assets Excess Performance (3Yr)	Pass Pass Review	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr)	Pass Pass Review Pass	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr)	Pass Pass Review Pass Review	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr)	Pass Pass Review Pass Review Pass	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.  This fund's Alpha is 0.26% as calculated against its Benchmark.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr)	Pass Pass Review Pass Review Pass Pass Pass	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.  This fund's Alpha is 0.26% as calculated against its Benchmark.  The fund's Return Rank is 40 within its Peer Group.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr)	Pass Pass Review Pass Review Pass Pass Pass Pass	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.  This fund's Alpha is 0.26% as calculated against its Benchmark.  The fund's Return Rank is 40 within its Peer Group.  The fund's Return Rank is 25 within its Peer Group.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr)	Pass Pass Review Pass Review Pass Pass Pass Pass Pass	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.  This fund's Alpha is 0.26% as calculated against its Benchmark.  The fund's Return Rank is 40 within its Peer Group.  The fund's Return Rank is 25 within its Peer Group.  The fund's Return Rank is 30 within its Peer Group.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr)	Pass Pass Review Pass Review Pass Pass Pass Pass Pass Pass Pass	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.  This fund's Alpha is 0.26% as calculated against its Benchmark.  The fund's Return Rank is 40 within its Peer Group.  The fund's Return Rank is 25 within its Peer Group.  The fund's Return Rank is 30 within its Peer Group.  This fund's Sharpe Ratio is 0.09.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr) Style Drift Score (5Yr)	Pass Pass Review Pass Review Pass Pass Pass Pass Pass Pass Pass Pas	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.  This fund's Alpha is 0.26% as calculated against its Benchmark.  The fund's Return Rank is 40 within its Peer Group.  The fund's Return Rank is 25 within its Peer Group.  The fund's Return Rank is 30 within its Peer Group.  This fund's Sharpe Ratio is 0.09.  The fund's Style Drift Score is 27.41.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr) Style Drift Score (5Yr) Expense Ratio Rank	Pass Pass Review Pass Review Pass Pass Pass Pass Pass Pass Pass Pas	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.  This fund's Alpha is 0.26% as calculated against its Benchmark.  The fund's Return Rank is 40 within its Peer Group.  The fund's Return Rank is 25 within its Peer Group.  The fund's Return Rank is 30 within its Peer Group.  This fund's Sharpe Ratio is 0.09.  The fund's Style Drift Score is 27.41.  The fund's Expense Ratio percentile rank is 39 within its Peer Group.	
Manager Tenure Net Assets Excess Performance (3Yr) Excess Performance (5Yr) Excess Performance (10Yr) Alpha (5Yr) Peer Return Rank (3Yr) Peer Return Rank (5Yr) Peer Return Rank (10Yr) Sharpe Ratio (5Yr) Style Drift Score (5Yr) Expense Ratio Rank Up Capture Rank (5Yr)	Pass Pass Review Pass Review Pass Pass Pass Pass Pass Pass Pass Review Review	This manager/team has been managing this product for 7.08 years.  Total Assets Under Management for this product is \$2,251.38 million.  The fund underperformed its benchmark by 0.31%.  The fund outperformed its benchmark by 0.39%.  The fund underperformed its benchmark by 0.15%.  This fund's Alpha is 0.26% as calculated against its Benchmark.  The fund's Return Rank is 40 within its Peer Group.  The fund's Return Rank is 25 within its Peer Group.  The fund's Return Rank is 30 within its Peer Group.  This fund's Sharpe Ratio is 0.09.  The fund's Style Drift Score is 27.41.  The fund's Expense Ratio percentile rank is 39 within its Peer Group.  The fund's Up Capture Ratio Rank is 76 within its Peer Group.	

# 09/12 | Style Box

#### **Asset Class: Equity**

The Style Box section is designed to identify diversification among the investment options within a plan. Although it's not necessary to have exposure to every square in the style box grid, it is important to have multiple styles represented in a well diversified portfolio. The entire style box section is based on MPI's analysis of the characteristics of the general investment categories and not on the actual investment options and their holdings, which may change frequently. Investment options are assigned to individual style squares based on Morningstar categories as of the most recent calendar month. Morningstar categories are based on a fund's style as measured by its underlying portfolio holdings over the past three years and may change at any time.

,	Value	Blend	Growth
	American Funds Washington Mutual A	Lord Abbett Fundamental Equity A SPDR S&P 500 ING V AD-ING Pioneer Port I	American Funds Growth Fund of Amer R6
Large	American Century Equity Income Instl	Legg Mason ClearBridge Appreciation I	JPMorgan Large Cap Growth A
		Dreyfus Opportunistic Midcap Value A	Goldman Sachs Growth Opportunities
Mid	Victory Established Value R		Prudential Jennison Mid Cap Growth A
			JPMorgan Dynamic Small Cap Growth
Small	5		Columbia Small Cap Growth I A  Legg Mason ClearBridge Small Cap Gr I

Current funds are shown in black. Proposed funds are shown in blue.

#### **Asset Class: Fixed Income**

The Style Box section is designed to identify diversification among the investment options within a plan. Although it's not necessary to have exposure to every square in the style box grid, it is important to have multiple styles represented in a well diversified portfolio. The entire style box section is based on MPI's analysis of the characteristics of the general investment categories and not on the actual investment options and their holdings, which may change frequently. Investment options are assigned to individual style squares based on Morningstar categories as of the most recent calendar month. Morningstar categories are based on a fund's style as measured by its underlying portfolio holdings over the past three years and may change at any time.

ſ	Short	Intermediate	Long
Government			
Corporate		American Funds Bond Fund of Amer R6 PIMCO Total Return Instl Western Asset Core Plus Bond I	
	Multi-Sector	High Yield	Convertibles
	Putnam Diversified Income Y	Lord Abbett High Yield I  Federated High-Income Bond A	
l	Cash/Stable Value	Global Bonds	Inflation Protected Bonds
		Templeton Global Bond Adv	
		Legg Mason BW Global Opportunities Bd IS	

Current funds are shown in black. Proposed funds are shown in blue. Funds that are present in both Current and Proposed lineups are shown twice.

# 09/12 | Style Box

#### **Asset Class: International**

The Style Box section is designed to identify diversification among the investment options within a plan. Although it's not necessary to have exposure to every square in the style box grid, it is important to have multiple styles represented in a well diversified portfolio. The entire style box section is based on MPI's analysis of the characteristics of the general investment categories and not on the actual investment options and their holdings, which may change frequently. Investment options are assigned to individual style squares based on Morningstar categories as of the most recent calendar month. Morningstar categories are based on a fund's style as measured by its underlying portfolio holdings over the past three years and may change at any time.

	Value	Blend	Growth
	MFS International Value I		
Large		Legg Mason Glbl Curr Intl All Cap Opp	
Small/Mid			
	World		Emerging
	6	JPMorgan Emerg	ing Mkts Eq Instl

Current funds are shown in black. Proposed funds are shown in blue. Funds that are present in both Current and Proposed lineups are shown twice.

# 09/12 | Style Box

#### **Asset Class: Balanced**

The Style Box section is designed to identify diversification among the investment options within a plan. Although it's not necessary to have exposure to every square in the style box grid, it is important to have multiple styles represented in a well diversified portfolio. The entire style box section is based on MPI's analysis of the characteristics of the general investment categories and not on the actual investment options and their holdings, which may change frequently. Investment options are assigned to individual style squares based on Morningstar categories as of the most recent calendar month. Morningstar categories are based on a fund's style as measured by its underlying portfolio holdings over the past three years and may change at any time.

Conservative	Moderate	World
	Greenspring	
	BlackRock Managed Volatility Instl	

Target Date	Specialty	Other
AllianceBern 2000 Retirement Strat A	International Business Machines Corp	
Legg Mason Target Retirement R		

Current funds are shown in black. Proposed funds are shown in blue. Funds that are present in both Current and Proposed lineups are shown twice.

#### **Current Investment Options**

Total Funds: 18

#### **FUND CORRELATION MATRIX (3 Year)**

		1																	
Columbia Small Cap Growth I A	1		2																
JPMorgan Dynamic Small Cap Growth C	2	0.99		3															
SPDR S&P 500	3	0.92	0.92		4														
ING V AD-ING Pioneer Port I	4	0.93	0.93	0.99		5													
Dreyfus Opportunistic Midcap Value A	5	0.95	0.97	0.95	0.95		6												
Lord Abbett Fundamental Equity A	6	0.95	0.96	0.97	0.98	0.97		7											
American Funds Washington Mutual A	7	0.87	0.87	0.98	0.97	0.91	0.94		8										
Goldman Sachs Growth Opportunities Inst	l 8	0.96	0.96	0.94	0.95	0.97	0.96	0.89		9									
American Funds Growth Fund of Amer R6	9	0.93	0.93	0.98	0.98	0.94	0.97	0.95	0.95		10								
Templeton Global Bond Adv	10	0.77	0.73	0.77	0.78	0.71	0.78	0.76	0.74	0.80		11							
Lord Abbett High Yield I	11	0.73	0.72	0.77	0.78	0.76	0.78	0.75	0.76	0.79	0.78		12						
PIMCO Total Return Instl	12	0.13	0.13	0.23	0.22	0.15	0.22	0.23	0.18	0.27	0.52	0.53		13					
Putnam Diversified Income Y	13	0.48	0.45	0.45	0.49	0.46	0.50	0.42	0.49	0.49	0.59	0.81	0.51		14				
American Funds Bond Fund of Amer R6	14	-0.24	-0.22	-0.10	-0.11	-0.19	-0.11	-0.06	-0.17	-0.09	0.24	0.19	0.84	0.25		15			
Greenspring	15	0.93	0.94	0.93	0.94	0.94	0.96	0.89	0.95	0.94	0.81	0.79	0.27	0.51	-0.06		16		
AllianceBern 2000 Retirement Strat A	16	0.86	0.86	0.95	0.94	0.89	0.93	0.94	0.89	0.96	0.83	0.83	0.37	0.52	0.06	0.90		17	
MFS International Value I	17	0.78	0.76	0.89	0.87	0.80	0.84	0.90	0.79	0.89	0.79	0.79	0.32	0.46	0.02	0.81	0.93		18
International Business Machines Corp	18	0.57	0.58	0.67	0.64	0.59	0.63	0.62	0.59	0.69	0.40	0.49	0.01	0.23	-0.21	0.53	0.69	0.63	
						1													

#### Correlation Scale

Negative	Uncorrelated	Correlated	Moderate	High	Very High	
-1	-0.2	0.2	0.60	.85	0.95	1

The Correlation Matrix reveals the strength of return relationships between investments. A perfect linear relationship is represented by a correlation of 1, while a perfect negative relationship has a correlation of -1. A correlation of 0 indicates no relationship between the investments. Correlation is a critical component to asset allocation and can be a useful way to measure the diversity of a combined plan portfolio.

# 09/12 | Returns Correlation Matrix: Proposed Funds

#### **Proposed Investment Options**

Total Funds: 13

#### **FUND CORRELATION MATRIX (3 Year)**

		1												
Prudential Jennison Mid Cap Growth A	1		2											
Victory Established Value R	2	0.95		3										
Legg Mason ClearBridge Small Cap Gr I	3	0.98	0.95		4									
American Century Equity Income Instl	4	0.90	0.92	0.89		5								
Legg Mason ClearBridge Appreciation I	5	0.93	0.95	0.91	0.97		6							
JPMorgan Large Cap Growth A	6	0.96	0.91	0.94	0.88	0.92		7						
Western Asset Core Plus Bond I	7	0.01	0.10	-0.02	0.15	0.13	0.01		8					
Legg Mason BW Global Opportunities Bd I	S 8	0.41	0.38	0.35	0.52	0.51	0.44	0.58		9				
Federated High-Income Bond A	9	0.69	0.78	0.67	0.77	0.78	0.69	0.53	0.54		10			
BlackRock Managed Volatility Instl	10	0.94	0.93	0.92	0.94	0.97	0.94	0.19	0.57	0.79		11		
Legg Mason Target Retirement R	11	0.86	0.88	0.84	0.92	0.93	0.86	0.38	0.72	0.88	0.96		12	
Legg Mason Glbl Curr Intl All Cap Opp I	12	0.84	0.83	0.82	0.89	0.91	0.86	0.15	0.56	0.74	0.92	0.92		13
JPMorgan Emerging Mkts Eq Instl	13	0.87	0.84	0.87	0.86	0.86	0.88	0.21	0.65	0.76	0.91	0.92	0.87	

#### Correlation Scale

Negative	Uncorrelated	Correlated	Moderate	High	Very High	
-1	-0.2	0.2	0.60	.85	0.95	1

The Correlation Matrix reveals the strength of return relationships between investments. A perfect linear relationship is represented by a correlation of 1, while a perfect negative relationship has a correlation of -1. A correlation of 0 indicates no relationship between the investments. Correlation is a critical component to asset allocation and can be a useful way to measure the diversity of a combined plan portfolio.

# 09/12 | Common Style Matrix

#### **Current Investment Options**

Total Funds: 18

#### **COMMON STYLE MATRIX (3 Year)**

		1																	
Columbia Small Cap Growth I A	1		2																
JPMorgan Dynamic Small Cap Growth C	2	87		3															
SPDR S&P 500	3	34	29		4														
ING V AD-ING Pioneer Port I	4	53	46	71		5													
Dreyfus Opportunistic Midcap Value A	5	64	58	42	51		6												
Lord Abbett Fundamental Equity A	6	59	53	55	65	58		7											
American Funds Washington Mutual A	7	30	24	69	66	30	51		8	_									
Goldman Sachs Growth Opportunities Instl	8	64	60	41	56	61	63	36		9									
American Funds Growth Fund of Amer R6	9	38	34	61	64	34	48	48	45		10								
Templeton Global Bond Adv	10	22	20	29	35	16	27	31	19	36		11							
Lord Abbett High Yield I	11	13	12	37	30	17	27	33	21	35	64		12						
PIMCO Total Return Instl	12	4	3	9	10	3	8	8	6	14	59	61		13					
Putnam Diversified Income Y	13	10	10	24	22	14	21	21	18	29	57	80	77		14	_			
American Funds Bond Fund of Amer R6	14	1	1	6	3	1	4	6	3	8	53	61	92	76		15	_		
Greenspring	15	24	22	32	35	21	37	26	31	33	70	70	58	64	55		16	_	
AllianceBern 2000 Retirement Strat A	16	11	9	44	37	12	26	41	22	41	70	74	61	67	57	64		17	_
MFS International Value I	17	13	9	58	43	13	35	59	20	50	28	30	7	19	5	21	42		18
International Business Machines Corp	18	9	7	24	20	8	13	13	19	39	42	56	42	50	42	48	56	20	
					_			_											

Low	Moderate	Medium	High	
0%	20%	40%	80% 10	00%

MPI Common Style Matrix™ reflects the percentage overlap between two or more financial instruments' (e.g. securities, portfolios, derivatives) respective factor exposures. For example, if Funds A and B have factor exposures of 20% and 15% to S&P 600 Energy respectively, the factor exposure overlap would be 15%. As a general guideline, factor exposure overlaps of 0% to 20% should be considered "Low", 20% to 40% "Moderate", and greater than 40% to 80% "Medium", and greater than 80% "High". Factor overlap analysis along with other important performance measurement statistics (e.g. correlation) can enhance the asset allocation decision-marking process. A portfolio that includes financial instruments where factor exposure overlaps are extremely high should be examined closely to ensure that diversification benefits are being maximized. Unlike holdings-based overlap statistics which require account level holdings (i.e. actual securities), factor-based overlap statistics are computed and generated by returns-based style analysis and aribitrage pricing theory optimizations. Factors can include any time series used by the returns-based style analysis optimization and regression modeling to help explain variation in the financial instrument's respective time series. RBSA models are based on performance data and are often called performance-based or returns-based models, where the observed time series characteristic of the instrument (the signal) is its price. It is common practice in Finance to work not with the price of a security (or the market value of a portfolio) but rather with its relative change over a certain time period (i.e., day, week, month) which is also called investment return or daily return, weekly return or monthly return, respectively. APT models by contrast typically use econometric (non-investible) time series.

# 09/12 | Common Style Matrix: Proposed Funds

#### **Proposed Investment Options**

Total Funds: 13

#### **COMMON STYLE MATRIX (3 Year)**

		1												
Prudential Jennison Mid Cap Growth A	1		2											
Victory Established Value R	2	51		3										
Legg Mason ClearBridge Small Cap Gr I	3	72	61		4									
American Century Equity Income Instl	4	37	41	26		5								
Legg Mason ClearBridge Appreciation I	5	37	47	27	60		6							
JPMorgan Large Cap Growth A	6	65	39	59	28	41		7						
Western Asset Core Plus Bond I	7	10	13	2	29	16	8		8					
Legg Mason BW Global Opportunities Bd IS	8	16	15	6	46	31	13	70		9				
Federated High-Income Bond A	9	20	27	10	45	38	21	71	68		10			
BlackRock Managed Volatility Instl	10	38	38	27	56	65	48	35	51	50		11		
Legg Mason Target Retirement R	11	25	25	14	55	47	26	54	74	65	69		12	
Legg Mason Glbl Curr Intl All Cap Opp I	12	25	25	24	42	55	44	5	16	24	49	37		13
JPMorgan Emerging Mkts Eq Instl	13	22	16	19	19	28	28	6	14	13	32	24	33	

Low	Moderate	Medium	High	
0%	20%	40%	80% 100	)%

MPI Common Style Matrix™ reflects the percentage overlap between two or more financial instruments' (e.g. securities, portfolios, derivatives) respective factor exposures. For example, if Funds A and B have factor exposures of 20% and 15% to S&P 600 Energy respectively, the factor exposure overlap would be 15%. As a general guideline, factor exposure overlaps of 0% to 20% should be considered "Low", 20% to 40% "Moderate", and greater than 40% to 80% "Medium", and greater than 80% "High". Factor overlap analysis along with other important performance measurement statistics (e.g. correlation) can enhance the asset allocation decision-marking process. A portfolio that includes financial instruments where factor exposure overlaps are extremely high should be examined closely to ensure that diversification benefits are being maximized. Unlike holdings-based overlap statistics which require account level holdings (i.e. actual securities), factor-based overlap statistics are computed and generated by returns-based style analysis and aribitrage pricing theory optimizations. Factors can include any time series used by the returns-based style analysis optimization and regression modeling to help explain variation in the financial instrument's respective time series. RBSA models are based on performance data and are often called performance-based or returns-based models, where the observed time series characteristic of the instrument (the signal) is its price. It is common practice in Finance to work not with the price of a security (or the market value of a portfolio) but rather with its relative change over a certain time period (i.e., day, week, month) which is also called investment return or daily return, weekly return or monthly return, respectively. APT models by contrast typically use econometric (non-investible) time series.

## 09/12 | Definitions & Disclosures

Barclays Capital Aggregate Bond Index – Covers the USD-denominated, investment-grade, fixed rate, taxable bond market of SEC-registered securities. The index includes bonds from the Treasury, Government-Related, Corporate, MBS, ABS and CMBS sectors. Total return comprises price appreciation/ depreciation and income as a percentage of the original investment. Components of the index are rebalanced monthly.

Barclays Capital Government/Credit Index – Includes Treasuries, Government-Related issues (i.e., agency, sovereign and local authority debt) and USD Corporates. Total return comprises price appreciation/depreciation and income as a percentage of the original investment. Components of the index are rebalanced monthly

**Barclays Capital Municipal Bond Index** – Covers the USD-denominated long term tax exempt bond market. The index has four main sectors: state and local general obligation bonds, revenue bonds, insured bonds and prerefunded bonds. Total return comprises price appreciation/depreciation and income as a percentage of the original investment. Components of the index are rebalanced monthly.

MSCI EAFE (Net) Index – An arithmetic, market value-weighted average of the performance of over 900 securities listed on the stock exchanges of the following countries in Europe, Australia and the Far East: Australia, Hong Kong, Norway, Austria, Ireland, Singapore, Belgium, Italy, Spain, Denmark, Japan, Sweden, Finland, Malaysia, Switzerland, France, Netherlands, United Kingdom, Germany and New Zealand.

Russell 1000 Growth Index – Contains those Russell 1000 securities with a greater-than-average growth orientation. Securities in this index tend to exhibit higher price-to-book and price-earnings ratios, lower dividend yields and higher forecasted growth values than securities in the value universe.

Russell 1000 Value Index – Contains those Russell 1000 securities with a less-than-average growth orientation. Securities in this index tend to exhibit lower price-to-book and price-earnings ratios, higher dividend yields and lower forecasted growth values than securities in the growth universe.

Russell 2000 Index – Includes the smallest 2000 securities in the Russell 3000, offering investors access to the small cap segment of the U.S. equity universe. The Russell 2000 is constructed to provide a comprehensive and unbiased small-cap barometer and is completely reconstituted annually to ensure larger stocks do not distort the performance and characteristics of the true small cap opportunity set.

Russell 2000 Growth Index – Contains those Russell 2000 securities with a greater-than-average growth orientation. Securities in this index tend to exhibit higher price-to-book and price-earnings ratios, lower dividend yields and higher forecasted growth values than securities in thevalue universe.

Russell 2000 Value Index – Contains those Russell 2000 securities with a less-than-average growth orientation. Securities in this index tend to exhibit lower price-to-book and price-earnings ratios, higher dividend yields and lower forecasted growth values than securities in the growth universe.

Russell 2500 Index – Offers investors access to the small to mid cap segment of the U.S. equity universe, commonly referred to as "smid" cap. The Russell 2500 includes the smallest 2500 securities in the Russell 3000.

Russell 3000 Index – Measures the performance of the 3,000 largest U.S. companies based on total market capitalization, which represents approximately 98% of the investable U.S. equity market.

Russell Mid Cap Growth Index – Contains those Russell mid cap securities with a greater-than average growth orientation. Securities in this index tend to exhibit higher price-to-book and price earnings ratios, lower dividend yields and higher forecasted growth values than securities in the value universe.

Russell Mid Cap Value Index – Contains those Russell mid cap securities with a less-than-average growth orientation. Securities in this index tend to exhibit lower price-to-book and price-earnings ratios, higher dividend yields and lower forecasted growth values than the growth universe.

**S&P 500 Index** – Covers 500 large cap industrial, utility, transportation, and financial companies of the US markets. The index represents about 75% of NYSE market capitalization and 30% of NYSE issues. It is a capitalization weighted index calculated on a total return basis with dividends reinvested.

# 09/12 | Definitions & Disclosures

Alpha - Alpha measures the difference between an investment's actual performance, and its expected performance as indicated by the returns of a selected market index. A positive Alpha indicates the risk-adjusted performance is above that index. In calculating Alpha, Standard Deviation (total risk) is used as risk measure. Alpha is often used to judge the value added or subtracted by a manager.

**Batting Average** - Batting Average is sometimes known as the probability of success. This measures the frequency with which a manager performs better than a selected Market Index. It is computed by dividing the number of positive excess returns by the total number of excess returns during the period.

**Beta** - Beta is defined as a Manager's sensitivity to market movements and is used to evaluate market related, or systematic risk. Beta is a measure of the linear relationship, over time, of the Manager's returns and those of the Benchmark. Beta is computed by regressing the Manager's excess returns over the risk free rate (cash proxy) against the excess returns of the Benchmark over the risk free rate. An investment that is as equally volatile as the market will have a Beta of 1.0; an investment half as volatile as the market will have a Beta of 0.5; and so on. Thus, Betas higher than 1.0 indicate that the fund is more volatile than the market.

**Calmar Ratio -** The Calmar Ratio is a risk/return ratio that calculates return on a downside risk adjusted basis. Similar to other efficiency ratios it balances return in the numerator per unit risk in the denominator. In this case risk is characterized by the Maximum Drawdown.

Correlation (R) - The Correlation represents the degree to which investments move in tandem with one another and is a critical component of diversified portfolio construction. The Correlation varies between a minimum of -1 (move in opposite direction) and a maximum of 1 (completely correlated). Lower Correlations enhance diversification and lead to better risk-adjusted returns within diversified portfolios. An R of less than 0.3 is often considered low Correlation.

**Distribution of Excess Returns** - Distribution of Excess Returns displays an arrangement of statistical data that exhibits the frequency of occurrence of the investment's returns in excess of the selected Market Index.

**Down Market (Mkt) Capture Ratio** - Down Market Capture Ratio is a measure of an investment's performance in down markets relative to the market itself. A down market is one in which the market's return is less than zero. The lower the investment's Down Market Capture Ratio, the better the investment protected capital during a market decline. A negative Down Market Capture Ratio indicates that an investment's returns rose while the market declined.

**Downside Risk (Semi Standard Deviation, Semi StdDev, or Downside Deviation)** - Downside Risk only identifies volatility on the down side. Downside Risk measures the variability of returns below zero, whereas Standard Deviation attributes volatility in either direction to risk. The Downside Risk method calculates the deviations below zero for each observed return. Each time a return falls below zero, the sum is divided by the number of observations and the square root is taken. This result is then shown on an annualized basis.

**Excess** - Denotes that a statistic is being measured relative to the Market Index selected. The data set analyzed consists of the periodic differences between the investment's measure and the selected Market Index's definition.

Fund Summary - This table shows the fund's fundamental characteristics.

**Information Ratio** - The Information Ratio is a measure of value added by an investment manager. It is the ratio of (annualized) excess return above the selected Market Index to (annualized) Tracking Error. Excess return is calculated by linking the difference of the manager's return for each period minus the selected Market Index return for each period, then annualizing the result.

**Kurtosis -** Kurtosis describes whether the series distribution is peaked or flat and how thick the tails are as compared to a normal distribution. Positive kurtosis indicates a relatively peaked distribution near the mean and tends to decline rapidly and have fat tails. Negative kurtosis indicates a relatively flat distribution near the mean. If there are fewer than four data points, or if the standard deviation of the series equals zero, Kurtosis will appear as N/A.

Loss Ratio - The Loss Ratio is a downside risk-adjusted performance statistic. Similar to the Information Ratio, the Loss Ratio calculates return per unit of risk, except that in this case, risk is represented by downside risk.

**Manager Capture Ratio** - The Manager Capture Ratio is manager return divided by the selected Market Index return. It shows what portion of the market performance was captured by the manager under certain market conditions: up market, down market, or both.

Max Drawdown - Is the maximum loss incurred by a portfolio during a specified time period. It is used to measure the 'worst case scenario' of investing in a portfolio at the worst possible time.

**R-Squared (R<sup>2</sup>)** - The diversification measure  $R^2$  indicates the percentage of volatility in portfolio returns which can be "explained" by market volatility. This statistic indicates the degree to which the observed values of one variable, such as the returns of a managed portfolio, can be explained by, or are associated with the values of another variable, such as a Market Index. It is especially helpful in assessing how likely it is that Alpha and Beta are statistically significant. The  $R^2$  values generally range from 0.0 to 1.0. An investment with an  $R^2$  of 1.0 is perfectly correlated with the market whereas an investment with an  $R^2$  of 0.0 will behave independently of the market. An  $R^2$  of 0.95, for example, implies that 95% of the fluctuations in a portfolio are explained by fluctuations in the market.

**Predicted Style R-Squared** -The methodology used to calculate Predicted Style  $R^2$  is similar to that of Style  $R^2$ . The difference between the two is that, in each predicted style return estimation window, the point being estimated is excluded from the optimization. In optimizations performed to calculate style returns, the point being estimated is included. Excluding the estimation point itself from the optimization process results in a more fair assessment of how well the style analysis model is working (as represented by Predicted Style  $R^2$ ).

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Sector Allocations - The percentage a manager has allocated to specific economic sectors.

**Sharpe Ratio** - The Sharpe Ratio indicates the excess return per unit of total risk as measured by Standard Deviation. It is a ratio of the arithmetic average of excess returns over the risk free rate to the Standard Deviation. The Sharpe Ratio is a measure of the premium earned for the risk incurred by the portfolio.

Significance Level - The Significance Level of a test is the probability that the test statistic will reject the null hypothesis when the hypothesis is true. Significance is a property of the distribution of a test statistic, not of any particular draw of the statistic.

**Skewness** - Skewness describes the degree of asymmetry of a distribution around its mean. A distribution is said to be symmetric if has the same shape to both the left and right of the mean. A perfectly symmetrical distribution has a Skewness of 0. A positively skewed distribution has larger gains than losses, while a negatively skewed distribution has a longer tail of losses.

**Standard Deviation (StdDev)** - A measure of the extent to which observations in a series vary from the arithmetic mean of the series. The Standard Deviation of a series of asset returns is a measure of volatility or risk of the asset.

**Style Map** - Plots the historical exposures of a fund's style across appropriate dimensions, such as growth vs. value for equity funds and credit quality for fixed income funds. By viewing this chart, an investor can determine a manager's style consistency over time.

Top Ten Holdings - The investment manager's ten largest individual security holdings in the portfolio and their percent of the total fund's market value.

**Tracking Error (Excess Standard Deviation)** - Tracking Error is a measure of how closely an investment's returns track the returns of the selected Market Index. It is the annualized Standard Deviation of the differences between the investment's and the associated index's returns. If an investment tracks its associated index closely, then Tracking Error will be low. If an investment tracks its associated index perfectly, then Tracking Error will be zero.

**Treynor Ratio** - The Treynor Ratio is defined as the ratio of the manager's excess geometrically annualized return over the portfolio Beta. Excess returns are computed versus the cash index.

**Up Market (Mkt) Capture Ratio** - Up Market Capture Ratio is a measure of a product's performance in up markets relative to the market itself. An up market is one in which the market's return is greater than or equal to zero. The higher the investment's Up Market Capture Ratio, the better the investment capitalized on a rising market.

YTD - Year to Date.

Returns-Based Style Analysis/Asset Loadings Chart - Returns-based style analysis which was developed by Nobel Laureate William F. Sharpe as an alternative method for determining a manager's style without any information about the individual securities held in the manager's portfolio. The underlying principle behind this analysis was that the style of a manager can be determined by analyzing the total return pattern of the manager's portfolio. For example, if a manager's return pattern were identical to the return pattern of a Small Cap growth benchmark, the manager could be viewed as a Small Cap growth manager. Based on a mathematical formula which considers the performance benchmarks that are most highly correlated with the total returns of the portfolio, returns-based style analysis may be used to assess a fund manager's true investment style.

Returns-based style analysis compares an investment's returns to the returns of certain indices. These comparisons imply which index each investment is most similar to, and which characteristics that investment is most likely to exhibit. The "Manager Style (36-Month Moving Windows, Computed Monthly)" chart includes points of varying sizes, where a smaller point represents an earlier moving window. The Russell Generic Corners include the following indices: Russell 1000 Value (rvalue), the Russell 1000 Growth (rgrowth), Russell 2000 Value (r2value), and Russell 2000 Value (r2growth).

The style analysis included in this report may assist in evaluating the actual style and performance of various fund choices for its plan. Although many plan sponsors use this type of analytical information to evaluate fund choices, you should make your own determination about how and whether such information should be used for your plan.