

# Prepared for:XYZ CorpPlan Name:XYZ Corp 401k PlanMonth Ending:November 30, 2016



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## FUND MENU

Category	Sub-Asset	Fund Name	Ticker
EQUITY			
	Large Value	Dodge & Cox Stock	DODGX
	Large Growth	MainStay Large Cap Growth I	MLAIX
	Mid-Cap Blend	Vanguard Mid Cap Index Inv	VIMSX
	Mid-Cap Growth	Baron Asset Retail	BARAX
	Small Blend	Vanguard Small Cap Index Inv	NAESX
	Foreign Large Growth	Thornburg International Value I	TGVIX
	Foreign Small/Mid Value	Templeton Ins Foreign Smaller Co Ser Adv	TFSCX
	Diversified Emerging Mkts	Oppenheimer Developing Markets Y	ODVYX
FIXED INCOME			
	Intermediate-Term Bond	PIMCO Total Return Admin	PTRAX
	Intermediate-Term Bond	Vanguard Interm-Term Bond Index Inv	VBIIX
	Inflation-Protected Bond	Loomis Sayles Inflation Protected Secs I	LSGSX



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## **ASSET-BASED FEE SUMMARY**

Plan Assets Asset Range Participant Count	\$2,947,724 \$2.5 to \$5 ۱ 165			(	Fee	symbol repres amount in a pe ne quartile chai	ercentage		
Total Plan Fees	Universe	\$Per Head	Fees(\$)	Fees(%)		Ĩ	Peer Group Ranges		
Total Plan Fees	661	\$275	\$45,436	1.55%	0.43%	0.79%	1.30%	1.80%	2.68%
Service Provider Breakdown	Universe	\$Per Head	Fees(\$)	Fees(%)		F	Peer Group Ranges		
Investment Management	649	\$110	\$18,190	0.62%	0.19%	0.29%	0.41%	0.54%	0.72%
Custody/Trust Services	255	\$45	\$7,369	0.25%	0.03%	0.06%	0.08%	0.14%	0.50%
Recordkeeping/Admin	571	\$51	\$8,489	0.29%	0.11%	0.17%	<b>?</b> 0.29%	0.46%	0.60%
Advisor Services	379	\$69	\$11,387	0.39%	0.11%	0.26%	• 0.43%	0.54%	0.71%
Communication/Education	9	-	-	-	0.00%	0.01%	0.08%	0.13%	0.15%
Percentile Breakdown					10%	25%	50%	75%	90%

# Understanding this report Filtering

Commonality between all plans in this analysis is the asset size of the plan.

#### **Peer Group**

Is divided into quartiles. The range in green is considered the safe zone, which covers the 25th to 75th percentile.

#### How to Use This Report

Each component of your aggregated fees must be reasonable. The final autority to determine fee reasonableness is the responsible plan fiduciary. Their decision must be made on the basis of services rendered for fees paid.





# PARTICIPANT-BASED FEE SUMMARY

Participants Count Participant Range Plan Assets	165 101 to : \$2,947,				Fee	symbol repres amount in a po he quartile cha	ercentage		
Total Plan Fees	Universe	\$Per Head	Fees(\$)	Fees(%)			Peer Group Ranges		
Total Plan Fees	575	\$275	\$45,436	1.55%	0.38%	0.64%	1.03%	<b>)</b> 1.54%	2.42%
Service Provider Breakdown	Universe	\$Per Head	Fees(\$)	Fees(%)			Peer Group Ranges		
Investment Management	560	\$110	\$18,190	0.62%	0.20%	0.29%	0.40%	0.54%	0.72%
Custody/Trust Services	224	\$45	\$7,369	0.25%	0.02%	0.04%	0.07%	0.11%	<b>0</b> .35%
Recordkeeping/Admin	486	\$51	\$8,489	0.29%	0.08%	0.15%	<b>•</b> 0.25%	0.40%	0.58%
Advisor Services	350	\$69	\$11,387	0.39%	0.09%	0.14%	0.26%	0.41%	0.57%
Communication/Education	18	-	-	-	0.00%	0.01%	0.05%	0.08%	0.20%
Percentile Breakdown					10%	25%	50%	75%	90%

# Understanding this report Filtering

Commonality between all plans in this analysis is the participant size of the plan.

#### **Peer Group**

Is divided into quartiles. The range in green is considered the safe zone, which covers the 25th to 75th percentile.

#### How to Use This Report

Each component of your aggregated fees must be reasonable. The final autority to determine fee reasonableness is the responsible plan fiduciary. Their decision must be made on the basis of services rendered for fees paid.



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#### How to use this Report

This report compares your expense by service category to a universe of similar peers ranked by participant count and asset size. It will assist a fiduciary with determining whether fees paid to a service provider are reasonable for services rendered. Keep in mind, the Department of Labor does not demand or encourage a fiduciary to buy from the lowest cost provider. In addition, there is no legislation, regulation, or case law that dictates a fiduciary pay the average or "mean" cost either. Instead, a fiduciary is free to secure necessary services for plan operation based upon a documented procedurally prudent process that supports a conclusion that fees are reasonable for the scope and quality of services perceived by the fiduciary.

# SERVICE CATEGORY BENCHMARKING SUMMARY Current Plan

				- <b>J</b>					- J						
		Curre	nt Plan	Top 90th	Percentile	75th P	ercentile	50th P	ercentile	25th P	ercentile	Bottom 10	th Percentile		lean
SERVICE CATEGORIES	Universe	Total %	\$ Per Head	Total %	\$ Per Head	Total %	\$ Per Head	Total %	\$ Per Head	Total %	\$ Per Head	Total %	\$ Per Head	Total %	\$ Per Head
Investment Management	560	0.62%	\$110.24	0.72%	\$128.61	0.54%	\$95.83	0.40%	\$71.25	0.29%	\$52.08	0.20%	\$34.91	0.44%	\$78.57
Custody/Trust Services	224	0.25%	\$44.66	0.35%	\$62.47	0.11%	\$19.12	0.07%	\$11.79	0.04%	\$7.91	0.02%	\$3.48	0.12%	\$22.05
Recordkeeping/Admin	486	0.29%	\$51.45	0.58%	\$103.47	0.40%	\$71.80	0.25%	\$44.79	0.15%	\$26.98	0.08%	\$14.01	0.32%	\$56.27
Advisor Services	350	0.39%	\$69.01	0.57%	\$101.83	0.41%	\$73.35	0.26%	\$47.18	0.14%	\$25.01	0.09%	\$15.81	0.30%	\$53.67
Communication/Education	18	-	\$0.00	0.20%	\$35.73	0.08%	\$15.15	0.05%	\$8.93	0.01%	\$2.30	0.00%	\$0.36	0.07%	\$12.31
BENCHMARK TOTAL		1.55%	\$275.36	2.42%	\$432.12	1.54%	\$275.25	1.03%	\$183.94	0.64%	\$114.28	0.38%	\$68.57	1.25%	\$222.87

Your Plan of \$2,947,724 in assets is Benchmarked against 661 Plans within an asset range of \$2.5 to \$5 million

Your Plan of 165 participants is Benchmarked against 575 Plans within a participant count range of 101 to 249

		Currer	nt Plan	Top 90th I	Percentile	75th Pe	rcentile	50th Pe	rcentile	25th Pe	rcentile	Bottom 10th	h Percentile	Me	an
SERVICE CATEGORIES	Universe	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$
Investment Management	649	0.62%	\$18,190	0.72%	\$21,232	0.54%	\$15,797	0.41%	\$11,997	0.29%	\$8,607	0.19%	\$5,483	0.44%	\$13,097
Custody/Trust Services	255	0.25%	\$7,369	0.50%	\$14,842	0.14%	\$4,127	0.08%	\$2,335	0.06%	\$1,621	0.03%	\$752	0.16%	\$4,713
Recordkeeping/Admin	571	0.29%	\$8,489	0.60%	\$17,568	0.46%	\$13,477	0.29%	\$8,693	0.17%	\$5,108	0.11%	\$3,166	0.34%	\$10,114
Advisor Services	379	0.39%	\$11,387	0.71%	\$20,870	0.54%	\$15,918	0.43%	\$12,672	0.26%	\$7,664	0.11%	\$3,130	0.43%	\$12,560



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# SERVICE CATEGORY BENCHMARKING SUMMARY Current Plan

Your Plan of \$2,947,724 in assets is Benchmarked against 661 Plans within an asset range of \$2.5 to \$5 million

		Currei	nt Plan	Top 90th I	Percentile	75th Pe	rcentile	50th Pe	rcentile	25th Pe	rcentile	Bottom 10t	h Percentile	Me	
	Universe	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$
Communication/Education	9	-	\$0	0.15%	\$4,422	0.13%	\$3,770	0.08%	\$2,500	0.01%	\$380	0.00%	\$62	0.09%	\$2,600
BENCHMARK TOTAL		1.55%	\$45,436	2.68%	\$78,934	1.80%	\$53,089	1.30%	\$38,197	0.79%	\$23,381	0.43%	\$12,593	1.46%	\$43,084



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#### How to use this Report

This report compares your expense by service category to a universe of similar peers ranked by asset size. In addition to benchmarking the fees paid for each service category, this report provides a break-down of the services rendered under each service category and where data exists the cost some providers charge for the service on an a la carte basis. Also, this report provides a fiduciary with an indication whether the fee is paid from plan assets which reduce participant returns or if the plan sponsor pays the cost. Finally, the fiduciary will be informed via the "Cost Identifier" either what, who, or how a particular fee is paid.

# BENCHMARKING SERVICES RENDERED PLANS BY ASSET SIZE

	-											
Investment Management	Total	Cost Identifier	Sample Size	% Utilize	# Charging	% Charging	Тор 90%	75%	50%	25%	Bottom 10%	Mean
Net Weighted Operating Expense Ratio Other	0.62% -	Investment Mgmt Fee N/A	638 242	98% 37%	614 313	96% 129%	0.60% 0.54%	0.49% 0.23%	0.37% 0.07%	0.26% 0.02%	0.17% 0.01%	0.39% 0.17%
	0.62%		CAT	EGORY E	BENCHMARI	K AVG	0.72%	0.54%	0.41%	0.29%	0.19%	0.44%
Custody/Trust Services	Total	Cost Identifier	Sample Size	% Utilize	# Charging	% Charging	Тор 90%	75%	50%	25%	Bottom 10%	Mean
Group Annuity Contract	0.25%	Custody/Trustee Fee	3	1% 2%	3	100% 100%	0.87%	0.55% 0.01%	0.55%	0.18%	0.18% 0.01%	0.53% 0.01%
Annual Certified Trust Reports Mail Proxy Statements to Fiduciary	-	Included In Custody/TR Included In Custody/TR	4 28	2% 11%	4	100%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%
Mail Prospectuses to Fiduciary	-	Included In Custody/TR	39	15%	-	-	-	-	-	-	-	-
Collect & Deposit Revenue Sharing in ERISA Account	-	Included In Custody/TR	88	35%	-	-	-	-	-	-	-	-
ERISA 403(a) Directed Trustee	-	Included In Custody/TR	22	9%	22	100%	0.29%	0.15%	0.05%	0.02%	0.01%	0.13%
Withhold Federal & State Tax	-	Included In Custody/TR	74	29%	-	-	-	-	-	-	-	-
Credit Float Income to Plan	-	Included In Custody/TR	2	1%	-	-	-	-	-	-	-	-
	0.25%		CAT	EGORY E	BENCHMARI	K AVG	0.50%	0.14%	0.08%	0.06%	0.03%	0.16%
Pagardkaaning/Admin	Total	Cost Identifier	Sample	%	#	%	Тор	75%	50%	25%	Bottom	Mean
Recordkeeping/Admin	TOLAI	Cost identifier	Size	Utilize	Charging	Charging	90%	13%	50%	23%	10%	
ERISA 3(16) Plan Administrator TPA Administration Allocate Payroll Deferrals Processing Trading/Transfers	0.04% 0.25% - -	Administrative Fees Recordkeeping Fee Included in Rk/Admin Included in RK Fee	18 374 5 4	3% 66% 1% 1%	18 372 5 4	100% 99% 100% 100%	0.25% 0.20% 0.14% 0.06%	0.11% 0.13% 0.05% 0.05%	0.08% 0.07% 0.04% 0.04%	0.07% 0.04% 0.02% 0.02%	0.05% 0.02% 0.02% 0.02%	0.12% 0.11% 0.06% 0.04%
Participant Statements	-	Included in Rk/Admin	16	3%	16	100%	0.12%	0.08%	0.03%	0.00%	0.00%	0.06%

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Recordkeeping/Admin	Total	Cost Identifier	Sample Size	% Utilize	# Charging	% Charging	Тор 90%	75%	50%	25%	Bottom 10%	Mean
Participant Support	-	Included in Rk/Admin	12	2%	12	100%	0.07%	0.06%	0.04%	0.02%	0.00%	0.07%
Plan Design	-	Included in Rk/Admin	2	-	2	100%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%
5500 Preparation	-	Included in Admin Fee	159	28%	159	100%	0.03%	0.01%	0.00%	0.00%	0.00%	0.01%
Compliance & Testing	-	Included in Rk/Admin	16	3%	16	100%	0.06%	0.04%	0.02%	0.01%	0.01%	0.03%
ADP/ACP Testing Failure Refund	-	Included in Admin Fee	121	21%	-	-	-	-	-	-	-	-
, i i i i i i i i i i i i i i i i i i i	0.29%		CAT	EGORY E	BENCHMAR	( AVG	0.60%	0.46%	0.29%	0.17%	0.11%	0.34%
Advisor Services	Total	Cost Identifier	Sample			%	Тор	75%	50%	25%	Bottom	Mean
			Size	Utilize	Charging	Charging	90%				10%	
ERISA 3(21)(A)(ii) Fiduciary Advisor	-	Included in RIA Fee	214	56%	214	100%	0.68%	0.51%	0.40%	0.24%	0.13%	0.40%
ERISA 3(38) Investment Manager	0.39%	RIA - Paid from Assets	111	29%	109	98%	0.71%	0.53%	0.45%	0.29%	0.12%	0.43%
Compliance Review	-	Included in RIA Fee	48	13%	-	-	-	-	-	-	-	-
Group Enrollment	-	N/A	191	50%	-	-	-	-	-	-	-	-
Individual Enrollment	-	N/A	164	43%	-	-	-	-	-	-	-	-
E&O \$1 million in coverage	-	Included in RIA Fee	10	3%	-	-	-	-	-	-	-	-
3rd Party Qualification	-	Included in RIA Fee	7	2%	-	-	-	-	-	-	-	-
· · · · ·	0.39%		CAT	EGORY E	BENCHMAR	( AVG	0.71%	0.54%	0.43%	0.26%	0.11%	0.43%
		-										
Communication/Education	Total	Cost Identifier	Sample Size	% Utilize	# Charging	% Charging	Тор 90%	75%	50%	25%	Bottom 10%	Mean
Evaluate/Design SPD	-	N/A	112	1244%	-	-	-	-	-	-	-	-
Evaluate/Design Enrollment Materials	-	N/A	1	11%	1	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Customization of Enrollment Materials	-	N/A	1	11%	1	100%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
Evaluate/Design Communication Materials	-	N/A	1	11%	1	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Customization of Communication Materials	-	N/A	141	1567%	-	-	-	-	-	-	-	-
Group Enrollment	-	N/A	6	67%	6	100%	0.08%	0.08%	0.04%	0.03%	0.01%	0.06%
Group Education	_	N/A	4	44%	4	100%	0.16%	0.04%	0.04%	0.03%	0.03%	0.07%
Individual Enrollment	_	N/A	1	11%	1	100%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%
Individual Education		N/A	187	2078%	-	-	-	-	-	-	-	-
	-	N/A	107	11%	_	_	-	-	-	-	-	_
Full-Time On-Site Educator(s)	1	11073				( 1)(0	0.15%	0.13%	0.08%	0.01%	0.00%	0.000/
Full-Time On-Site Educator(s)	0.00%		CAT	EGORY_E	BENCHMAR		0.15%	0.15%	0.00%	0.01%	0.00%	0.09%



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## Performance and Fee Disclosure Report

A fiduciary is obligated to consider the reasonableness of fees paid for services rendered. In relationship to investment services, a fiduciary must consider performance in relationship to fees. This report compares the fund performance to an index to assist with determining if the cost paid is reasonable for the performance received. In addition, some investment options include a cost for services other than investment management. These indirect fees are known generally as revenue sharing. This report removes the revenue sharing from the operating expense ratio so that a fiduciary can identify the actual cost for investment performance.

# PERFORMANCE AND FEE DISCLOSURE REPORT

			Ex	pense Analys			Total Returns - %			
Fund Name	Ticker	Current Assets	Net/Gross	Revenue Sharing*	\$/1000	YTD	1 YR	5 YR	10 YR	Since Inception
Large Value										
Dodge & Cox Stock	DODGX	\$123,213	0.52/0.52	0.10%	\$5.20	19.77%	16.60%	16.97%	6.03%	11.11%
Russell 1000 Value TR USD						14.48%	12.02%	14.69%	5.70%	
Large Growth										
MainStay Large Cap Growth I	MLAIX	\$242,342	0.72/0.74	0.00%	\$7.20	-2.24%	-2.98%	11.80%	8.01%	8.83%
Morningstar US Large Growth TR USD						0.80%	-1.66%	13.99%	7.64%	
Mid-Cap Blend										
Vanguard Mid Cap Index Inv	VIMSX	\$300,000	0.20/0.20	0.00%	\$2.00	10.35%	7.41%	14.00%	7.42%	9.51%
Morningstar US Mid Cap TR USD						13.32%	10.16%	14.80%	8.00%	
Mid-Cap Growth										
Baron Asset Retail	BARAX	\$131,231	1.31/1.31	0.25%	\$13.10	6.21%	4.23%	12.76%	6.60%	11.00%
Morningstar US Mid Cap TR USD						13.32%	10.16%	14.80%	8.00%	
Small Blend										
Vanguard Small Cap Index Inv	NAESX	\$300,000	0.20/0.20	0.00%	\$2.00	16.01%	11.13%	14.30%	7.84%	10.63%





# PERFORMANCE AND FEE DISCLOSURE REPORT

	Expense Analysis									
Fund Name	Ticker	Current Assets	Net/Gross	Revenue Sharing*	\$/1000	YTD	1 YR	5 YR	10 YR	Since Inception
Morningstar US Small Cap TR USD						18.18%	12.35%	14.20%	7.77%	
Foreign Large Growth										
Thornburg International Value I	TGVIX	\$125,000	0.90/0.90	0.00%	\$9.00	-4.29%	-5.37%	4.77%	2.80%	6.59%
MSCI EAFE NR USD						-2.34%	-3.66%	5.62%	0.72%	
Foreign Small/Mid Value										
Templeton Ins Foreign Smaller Co Ser Adv	TFSCX	\$800,000	0.98/0.98	0.00%	\$9.80	-3.52%	-3.53%	6.70%	4.98%	10.61%
FTSE Developed Small Cap Ex US TR USD						1.15%	0.65%	6.69%	2.42%	
Diversified Emerging Mkts										
Oppenheimer Developing Markets Y	ODVYX	\$312,312	1.07/1.07	0.25%	\$10.70	7.44%	5.13%	2.33%	4.94%	7.74%
MSCI EM NR USD						10.94%	8.47%	0.99%	2.27%	
Intermediate-Term Bond										
Vanguard Interm-Term Bond Index Inv	VBIIX	\$230,503	0.16/0.16	0.00%	\$1.60	2.66%	2.03%	3.11%	5.18%	6.01%
Bloomberg Barclays US Aggregate Bond TR USD						2.50%	2.17%	2.43%	4.27%	
PIMCO Total Return Admin	PTRAX	\$233,123	0.71/0.72	0.35%	\$7.10	1.70%	1.52%	3.17%	5.20%	6.31%
Morningstar US Intermediate-Term Core Bond TR	USD					2.18%	2.05%	2.72%	4.63%	
Inflation-Protected Bond										
Loomis Sayles Inflation Protected Secs I	LSGSX	\$150,000	0.40/0.80	0.00%	\$4.00	4.46%	3.61%	0.62%	3.71%	6.13%
Bloomberg Barclays US Treasury US TIPS TR US	D					4.79%	3.96%	0.92%	4.13%	
Total Assets		\$2,947,724								

\* Revenue Sharing is based off of the Prospectus Net Expense Ratio. Revenue Sharing is a form of "indirect" compensation as that term is defined under the 408(b)(2) regulations. In short, it is compensation that is not deducted directly from plan assets.



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\*\* This chart shows each option's performance over several time periods and compares the performance with a recognized benchmark...Best Fit Index which is the market index that shows the highest correlation with a fund over the most-recent 36 months, as measured by the highest R-squared and as determined by Morningstar in-house on a monthly basis. For options with returns that vary over time, past performance does not guarantee how your investment in the option will perform in the future; your investment in these options could lose money.

Total Cost Analysis	Total Exp	oense	Weighted Ave Revenue S		Net Investm	ent Cost
Current Portfolio	\$20,235.41	0.69%	\$2,048.00	0.07%	\$18,187.41	0.62%



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## **PROJECTING HISTORIC RETURNS**

Small differences in return are often dismissed as insignificant until that difference is converted into dollars. This report projects the current allocated value held by each investment based on the fund's historical performance over the time frame indicated. This projected amount is then compared to the historical performance of the Best Fit Index as determined by Morningstar. NOTE: If the Current Portfolio outperforms the Best Fit Index, all numbers will remain black. If the Best Fit outperforms the Current for a single fund or as a whole, the value will be reflected in red. Investments that lack history or a corresponding Best Fit Index will not show any data.

# PERFORMANCE COMPARISON PROJECTIONS Current vs. Best Fit Index

	Alloca	tion		Curren	t Portfolio					Best Fit I	ndex			
Sub- Asset	% of Assets	Value	Fund Name	3 Yr Total % Return	3 Yr Total \$ Return	5 Yr Total % Return	5 Yr Total \$ Return	Index Name	3 Yr Total % Return	3 Yr Total \$ Return	+ / - Current Fund 3 Yr	5 Yr Total % Return	5 Yr Total \$ Return	+ / - Current Fund 5 Yr
LV	4.18%	\$123,213	Dodge & Cox Stock	9.08%	\$159,916	16.97%	\$269,792	Russell 1000 Value TR USD	8.60%	\$157,814	\$2,102	14.69%	\$244,503	\$25,289
LG	8.22%	\$242,342	MainStay Large Cap Growth I	5.72%	\$286,352	11.80%	\$423,290	Morningstar US Large Growth TR USD	8.61%	\$310,483	(\$24,131)	13.99%	\$466,404	(\$43,114)
MB	10.18%	\$300,000	Vanguard Mid Cap Index Inv	8.36%	\$381,705	14.00%	\$577,625	Morningstar US Mid Cap TR USD	8.98%	\$388,295	(\$6,590)	14.80%	\$598,178	(\$20,554)
MG	4.45%	\$131,231	Baron Asset Retail	6.39%	\$158,030	12.76%	\$239,228	Morningstar US Mid Cap TR USD	8.98%	\$169,854	(\$11,825)	14.80%	\$261,665	(\$22,437)
SB	10.18%	\$300,000	Vanguard Small Cap Index Inv	7.12%	\$368,751	14.30%	\$585,265	Morningstar US Small Cap TR USD	7.12%	\$368,751	\$0	14.20%	\$582,709	\$2,556
FG	4.24%	\$125,000	Thornburg International Value I	-0.83%	\$121,913	4.77%	\$157,796	MSCI EAFE NR USD	-2.22%	\$116,859	\$5,055	5.62%	\$164,301	(\$6,506)
FA	27.14%	\$800,000	Templeton Ins Foreign Smaller Co Ser Adv	-1.09%	\$774,124	6.70%	\$1,106,400	FTSE Developed Small Cap Ex US TR USD	0.15%	\$803,606	(\$29,482)	6.69%	\$1,105,882	\$518
EM	10.60%	\$312,312	Oppenheimer Developing Markets Y	-3.77%	\$278,304	2.33%	\$350,432	MSCI EM NR USD	-3.10%	\$284,158	(\$5,854)	0.99%	\$328,081	\$22,351
CI	7.82%	\$230,503	Vanguard Interm-Term Bond Index Inv	3.11%	\$252,685	3.11%	\$268,646	Bloomberg Barclays US Aggregate Bond TR USD	2.79%	\$250,339	\$2,345	2.43%	\$259,904	\$8,743
CI	7.91%	\$233,123	PIMCO Total Return Admin	1.85%	\$246,302	3.17%	\$272,491	Morningstar US Intermediate-Term Core Bond TR USD	2.96%	\$254,443	(\$8,141)	2.72%	\$266,600	\$5,891
IP	5.09%	\$150,000	Loomis Sayles Inflation Protected Secs I	1.03%	\$154,683	0.62%	\$154,708	Bloomberg Barclays US Treasury US TIPS TR USD	1.79%	\$158,200	(\$3,517)	0.92%	\$157,028	(\$2,320)
	ΤΟΤΑ	LS		Weight	ed Return					Weighted	Return			
	100.00%	\$2,947,724		2.59%	\$3,182,765	8.37%	\$4,405,672		3.44%	\$3,262,802	(\$80,037)	8.51%	\$4,435,255	(\$29,583)
								Current	B	est Fit	Best Fit /	Advtg	Weighted	d Return
Proj	ojected Growth After 3 Years							\$3,182,765	\$3	,262,802	(\$80,03	37)	2.59% v	s 3.44%
Proj	ected Growth	h After 5 Years						\$4,405,672	\$4,	,435,255	(\$29,58	33)	8.37% v	s 8.51%





## **PROJECTING HISTORIC RETURNS**

Small differences in return are often dismissed as insignificant until that difference is converted into dollars. This report projects the current allocated value held by each investment based on the fund's historical performance over the time frame indicated. This projected amount is then compared to the historical performance of the Category Index as determined by Morningstar. NOTE: If the Current Portfolio outperforms the Category Index, all numbers will remain black. If the Category outperforms the Current for a single fund or as a whole, the value will be reflected in red. Investments that lack history or a corresponding Category Index will not show any data.

## PERFORMANCE COMPARISON PROJECTIONS Current vs. Category Index

	Alloca	tion		Curren	t Portfolio					Category	Index			
Sub- Asset	% of Assets	Value	Fund Name	3 Yr Total % Return	3 Yr Total \$ Return	5 Yr Total % Return	5 Yr Total \$ Return	Index Name	3 Yr Total % Return	3 Yr Total \$ Return	+ / - Current Fund 3 Yr	5 Yr Total % Return	5 Yr Total \$ Return	+ / - Current Fund 5 Yr
LV	4.18%	\$123,213	Dodge & Cox Stock	9.08%	\$159,916	16.97%	\$269,792	S&P 500 TR USD	9.07%	\$159,872	\$44	14.45%	\$241,955	\$27,837
LG	8.22%	\$242,342	MainStay Large Cap Growth I	5.72%	\$286,352	11.80%	\$423,290	S&P 500 TR USD	9.07%	\$314,445	(\$28,093)	14.45%	\$475,891	(\$52,601)
MB	10.18%	\$300,000	Vanguard Mid Cap Index Inv	8.36%	\$381,705	14.00%	\$577,625	S&P 500 TR USD	9.07%	\$389,258	(\$7,553)	14.45%	\$589,115	(\$11,491)
MG	4.45%	\$131,231	Baron Asset Retail	6.39%	\$158,030	12.76%	\$239,228	S&P 500 TR USD	9.07%	\$170,276	(\$12,246)	14.45%	\$257,701	(\$18,473)
SB	10.18%	\$300,000	Vanguard Small Cap Index Inv	7.12%	\$368,751	14.30%	\$585,265	S&P 500 TR USD	9.07%	\$389,258	(\$20,507)	14.45%	\$589,115	(\$3,850)
FG	4.24%	\$125,000	Thornburg International Value	-0.83%	\$121,913	4.77%	\$157,796	MSCI ACWI Ex USA NR USD	-2.31%	\$116,536	\$5,377	4.24%	\$153,845	\$3,951
FA	27.14%	\$800,000	Templeton Ins Foreign Smaller Co Ser Adv	-1.09%	\$774,124	6.70%	\$1,106,400	MSCI ACWI Ex USA NR USD	-2.31%	\$745,831	\$28,293	4.24%	\$984,605	\$121,795
EM	10.60%	\$312,312	Oppenheimer Developing Markets Y	-3.77%	\$278,304	2.33%	\$350,432	MSCI ACWI Ex USA NR USD	-2.31%	\$291,165	(\$12,861)	4.24%	\$384,380	(\$33,948)
СІ	7.91%	\$233,123	PIMCO Total Return Admin	1.85%	\$246,302	3.17%	\$272,491	Bloomberg Barclays US Aggregate Bond TR USD	2.79%	\$253,185	(\$6,883)	2.43%	\$262,858	\$9,633
СІ	7.82%	\$230,503	Vanguard Interm-Term Bond Index Inv	3.11%	\$252,685	3.11%	\$268,646	Bloomberg Barclays US Aggregate Bond TR USD	2.79%	\$250,339	\$2,345	2.43%	\$259,904	\$8,743
IP	5.09%	\$150,000	Loomis Sayles Inflation Protected Secs I	1.03%	\$154,683	0.62%	\$154,708	Bloomberg Barclays US Aggregate Bond TR USD	2.79%	\$162,909	(\$8,226)	2.43%	\$169,133	(\$14,424)
	ΤΟΤΑ	LS		Weight	ed Return					Weighted	Return			
	100.00%	\$2,947,724		2.59%	\$3,182,765	8.37%	\$4,405,672		3.23%	\$3,243,074	(\$60,308)	8.19%	\$4,368,500	\$37,171
								Current	Ca	tegory	Cat Ad	vtg	Weighted	d Return
Pro	ected Growth	After 3 Years						\$3,182,765	\$3	,243,074	(\$60,30	)8)	2.59% vs	s 3.23%
Pro	jected Growth	After 5 Years						\$4,405,672	\$4	,368,500	\$37,17	71	8.37% vs	s 8.19%





A fiduciary is obligated to consider the reasonableness of fees paid for services rendered. In relationship to investment services, a fiduciary must consider performance in relationship to fees. This report compares the fund performance to an index to assist with determining if the cost paid is reasonable for the performance received. In addition, some investment options include a cost for services other than investment management. These indirect fees are known generally as revenue sharing. This report removes the revenue sharing from the operating expense ratio so that a fiduciary can identify the actual cost for investment performance.

## PERFORMANCE AND EXPENSE CURRENT PLAN

					Total Re	eturns - %				
			Expense	Analysis Revenue			Total Re	Junio - 70		
Fund Name	Ticker	Current Assets	Net/Gross	Sharing*	3 Mth	YTD	1 YR	3 YR	5 YR	10 YR
Large Value										
Dodge & Cox Stock	DODGX	\$123,213	0.52/0.52	0.10%	10.63%	19.77%	16.60%	9.08%	16.97%	6.03%
Large Growth										
MainStay Large Cap Growth I	MLAIX	\$242,342	0.72/0.74	0.00%	-2.73%	-2.24%	-2.98%	5.72%	11.80%	8.01%
Mid-Cap Blend										
Vanguard Mid Cap Index Inv	VIMSX	\$300,000	0.20/0.20	0.00%	1.82%	10.35%	7.41%	8.36%	14.00%	7.42%
Mid-Cap Growth										
Baron Asset Retail	BARAX	\$131,231	1.31/1.31	0.25%	-0.84%	6.21%	4.23%	6.39%	12.76%	6.60%
Small Blend										
Vanguard Small Cap Index Inv	NAESX	\$300,000	0.20/0.20	0.00%	4.54%	16.01%	11.13%	7.12%	14.30%	7.84%
Foreign Large Growth										
Thornburg International Value I	TGVIX	\$125,000	0.90/0.90	0.00%	-2.25%	-4.29%	-5.37%	-0.83%	4.77%	2.80%





# PERFORMANCE AND EXPENSE CURRENT PLAN

			Expense	Analysis			Total Re	eturns - %		
Fund Name	Ticker	Current Assets	Net/Gross	Revenue Sharing*	3 Mth	YTD	1 YR	3 YR	5 YR	10 YR
Foreign Small/Mid Value										
Templeton Ins Foreign Smaller Co Ser Adv	TFSCX	\$800,000	0.98/0.98	0.00%	-5.06%	-3.52%	-3.53%	-1.09%	6.70%	4.98%
Diversified Emerging Mkts										
Oppenheimer Developing Markets Y	ODVYX	\$312,312	1.07/1.07	0.25%	-2.54%	7.44%	5.13%	-3.77%	2.33%	4.94%
Intermediate-Term Bond										
Vanguard Interm-Term Bond Index Inv	VBIIX	\$230,503	0.16/0.16	0.00%	-4.06%	2.66%	2.03%	3.11%	3.11%	5.18%
PIMCO Total Return Admin	PTRAX	\$233,123	0.71/0.72	0.35%	-2.79%	1.70%	1.52%	1.85%	3.17%	5.20%
Inflation-Protected Bond										
Loomis Sayles Inflation Protected Secs	LSGSX	\$150,000	0.40/0.80	0.00%	-1.67%	4.46%	3.61%	1.03%	0.62%	3.71%
Total Assets		\$2,947,724								

\* Revenue Sharing is based off of the Prospectus Net Expense Ratio.

			Weighted Ave	erage %		
Total Cost Analysis	Total Exp	ense	Revenue S	Sharing	Net Investm	ent Cost
Current Portfolio	\$20,235.41	0.69%	\$2,048.00	0.07%	\$18,187.41	0.62%





# Current vs Proposed Cost Analysis

Alloca	ation	Current Weighted Avg. Exp	ense Ratio:	0.69%	Proposed Weighted Avg. E	xpense Ratio:	0.65%
Plan Assets	% of Assets	Current Funds			Proposed Funds	Exp Ratio	
\$123,213	4.18%	Dodge & Cox Stock	0.52%	\$641	AB Growth and Income I	0.65%	\$801
\$242,342	8.22%	MainStay Large Cap Growth I	0.72%	\$1,745	Columbia Large Cap Growth Y	0.69%	\$1,672
\$300,000	10.18%	Vanguard Mid Cap Index Inv	0.20%	\$600	Principal MidCap S&P 400 Index Inst	0.19%	\$570
\$131,231	4.45%	Baron Asset Retail	1.31%	\$1,719	Vanguard Mid Cap Growth Inv	0.43%	\$564
\$300,000	10.18%	Vanguard Small Cap Index Inv	0.20%	\$600	Northern Small Cap Core	0.66%	\$1,980
\$125,000	4.24%	Thornburg International Value I	0.90%	\$1,125	Thornburg International Value I	0.90%	\$1,125
\$800,000	27.14%	Templeton Ins Foreign Smaller Co Ser Adv	0.98%	\$7,840	Goldman Sachs Intl Sm Cp Insghts Instl	0.90%	\$7,200
\$312,312	10.60%	Oppenheimer Developing Markets Y	1.07%	\$3,342	Invesco Developing Markets R5	1.04%	\$3,248
\$233,123	7.91%	PIMCO Total Return Admin	0.71%	\$1,655	Western Asset Core Plus Bond I	0.45%	\$1,049
\$230,503	7.82%	Vanguard Interm-Term Bond Index Inv	0.16%	\$369	Vanguard Interm-Term Bond Index Inv	0.16%	\$369
\$150,000	5.09%	Loomis Sayles Inflation Protected Secs I	0.40%	\$600	Western Asset Inflation Idxd Plus Bd I	0.38%	\$570
Total Plan Assets - \$2,94	47,724				Current Total		Proposed Total
Investment Fund Fees					\$20,235		\$19,148
Administrative Fee: Current (0	.25%) Proposed (0.28%)				\$7,369		\$8,254
Total Asset-Based Cost					\$27,605		\$27,402
Annual Plan Cost Savings (Tot	tal Current - Total Propos	ed)					\$203





## **PROJECTING HISTORIC RETURNS**

A small difference in return between investments is often dismissed as insignificant until that difference is converted into dollars. This report takes the allocated value held by each investment and projects it forward based on the historical performance of the investment. This will provide the fiduciary with a perspective on the impact a difference in the performance could make on the overall investment portfolio based on past experience. In this scenario, the actual performance of the current holdings is compared to a proposed menu of investment options. NOTE: If the Current Portfolio outperforms the Proposed Portfolio, all numbers will be reflected in red. If the Proposed outperforms the Current for a single fund or as a whole, the value will be reflected in black.

## PERFORMANCE COMPARISON PROJECTIONS Current vs. Proposed Portfolio

	Alloca	tion		Curren	t Portfolio					Proposed I	Portfolio			
Sub- Asset	% of Assets	Value	Fund Name	3 Yr Total % Return	3 Yr Total \$ Return	5 Yr Total % Return	5 Yr Total \$ Return	Fund Name	3 Yr Total % Return	3 Yr Total \$ Return	+ / - Current Fund 3 Yr	5 Yr Total % Return	5 Yr Total \$ Return	+ / - Current Fund 5 Yr
LV	4.18%	\$123,213	Dodge & Cox Stock	9.08%	\$159,916	16.97%	\$269,792	AB Growth and Income I	7.38%	\$152,555	(\$7,361)	14.38%	\$241,216	(\$28,576)
LG	8.22%	\$242,342	MainStay Large Cap Growth I	5.72%	\$286,352	11.80%	\$423,290	Columbia Large Cap Growth Y	9.07%	\$314,445	\$28,093	14.34%	\$473,609	\$50,319
MB	10.18%	\$300,000	Vanguard Mid Cap Index Inv	8.36%	\$381,705	14.00%	\$577,625	Principal MidCap S&P 400 Index Inst	9.09%	\$389,472	\$7,767	14.45%	\$589,115	\$11,491
MG	4.45%	\$131,231	Baron Asset Retail	6.39%	\$158,030	12.76%	\$239,228	Vanguard Mid Cap Growth Inv	4.98%	\$151,830	(\$6,200)	11.13%	\$222,430	(\$16,798)
SB	10.18%	\$300,000	Vanguard Small Cap Index Inv	7.12%	\$368,751	14.30%	\$585,265	Northern Small Cap Core	6.79%	\$365,353	(\$3,398)	14.38%	\$587,316	\$2,051
FG	4.24%	\$125,000	Thornburg International Value I	-0.83%	\$121,913	4.77%	\$157,796	Thornburg International Value I	-0.83%	\$121,913	\$0	4.77%	\$157,796	\$0
FA	27.14%	\$800,000	Templeton Ins Foreign Smaller Co Ser Adv	-1.09%	\$774,124	6.70%	Instl		2.49%	\$861,260	\$87,136	10.24%	\$1,302,525	\$196,125
EM	10.60%	\$312,312	Oppenheimer Developing Markets Y	-3.77%	\$278,304	2.33%	Insti \$350,432 Invesco Developing Markets R5		-2.57%	\$288,846	\$10,542	1.41%	\$334,960	(\$15,472)
CI	7.91%	\$233,123	PIMCO Total Return Admin	1.85%	\$246,302	3.17%	\$272,491	Western Asset Core Plus Bond I	4.18%	\$263,596	\$17,294	4.31%	\$287,882	\$15,391
CI	7.82%	\$230,503	Vanguard Interm-Term Bond Index Inv	3.11%	\$252,685	3.11%	\$268,646	Vanguard Interm-Term Bond Index Inv	3.11%	\$252,685	\$0	3.11%	\$268,646	\$0
IP	5.09%	\$150,000	Loomis Sayles Inflation Protected Secs I	1.03%	\$154,683	0.62%	\$154,708	Western Asset Inflation Idxd Plus Bd I	0.52%	\$152,352	(\$2,331)	0.19%	\$151,430	(\$3,278)
	ΤΟΤΑ	LS		Weight	ed Return					Weighted	Return			
	100.00%	\$2,947,724		2.59%	\$3,182,765	8.37%	\$4,405,672		3.98%	\$3,314,307	\$131,542	9.39%	\$4,616,924	\$211,253
								Current	Pro	oposed	Prop A	dvtg	Weighted	d Return
Proj	ected Growth	After 3 Years						\$3,182,765	\$3	,314,307	\$131,5	42	2.59% vs	s 3.98%
Proj	rojected Growth After 5 Years							\$4,405,672	\$4	,616,924	\$211,2	53	8.37% vs	s 9.39%





## **PROJECTING HISTORIC RETURNS**

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## PERFORMANCE COMPARISON PROJECTIONS Proposed vs. Best Fit Index

	Alloc	ation		Propose	ed Portfolio					Best Fit	Index			
Sub- Asset	% of Assets	Value	Fund Name	3 Yr Total % Return	3 Yr Total \$ Return	5 Yr Total % Return	5 Yr Total \$ Return	Index Name	3 Yr Total % Return	3 Yr Total \$ Return	+ / - Current Fund 3 Yr	5 Yr Total % Return	5 Yr Total \$ Return	+ / - Current Fund 5 Yr
LV	4.18%	\$123,213	AB Growth and Income I	7.38%	\$152,555	14.38%	\$241,216	S&P 500 TR USD	9.07%	\$159,872	(\$7,317)	14.45%	\$241,955	(\$739)
LG	8.22%	\$242,342	Columbia Large Cap Growth Y	9.07%	\$314,445	14.34%	\$473,609	Russell 3000 Growth TR USD	8.81%	\$312,202	\$2,243	14.08%	\$468,248	\$5,360
MB	10.18%	\$300,000	Principal MidCap S&P 400 Index Inst	9.09%	\$389,472	14.45%	\$589,115	Morningstar US Small Cap TR USD	7.12%	\$368,751	\$20,721	14.20%	\$582,709	\$6,406
MG	4.45%	\$131,231	Vanguard Mid Cap Growth Inv	4.98%	\$151,830	11.13%	\$222,430	Morningstar US Mid Growth TR USD	6.40%	\$158,074	(\$6,245)	11.74%	\$228,602	(\$6,172)
SB	10.18%	\$300,000	Northern Small Cap Core	6.79%	\$365,353	14.38%	\$587,316	Russell 2000 TR USD	6.46%	\$361,977	\$3,377	13.98%	\$577,118	\$10,198
FG	4.24%	\$125,000	Thornburg International Value	-0.83%	\$121,913	4.77%	\$157,796	MSCI EAFE NR USD	-2.22%	\$116,859	\$5,055	5.62%	\$164,301	(\$6,506)
FA	27.14%	\$800,000	Goldman Sachs Intl Sm Cp Insghts Instl	2.49%	\$861,260	10.24%	\$1,302,525	MSCI EAFE NR USD	-2.22%	\$747,894	\$113,366	5.62%	\$1,051,528	\$250,997
EM	10.60%	\$312,312	Invesco Developing Markets R5	-2.57%	\$288,846	1.41%	\$334,960	MSCI EM NR USD	-3.10%	\$284,158	\$4,688	0.99%	\$328,081	\$6,879
СІ	7.91%	\$233,123	Western Asset Core Plus Bond I	4.18%	\$263,596	4.31%	\$287,882	Bloomberg Barclays US Credit TR USD	3.77%	\$260,496	\$3,100	4.12%	\$285,270	\$2,612
СІ	7.82%	\$230,503	Vanguard Interm-Term Bond Index Inv	3.11%	\$252,685	3.11%	\$268,646	Bloomberg Barclays US Aggregate Bond TR USD	2.79%	\$250,339	\$2,345	2.43%	\$259,904	\$8,743
IP	5.09%	\$150,000	Western Asset Inflation Idxd Plus Bd I	0.52%	\$152,352	0.19%	\$151,430	Bloomberg Barclays US Treasury US TIPS TR USD	1.79%	\$158,200	(\$5,848)	0.92%	\$157,028	(\$5,598)
	тот	ALS		Weighted	Return				Weighted	Return				
	100.00%	\$2,947,724		3.86%	\$3,314,307	8.93%	\$4,616,924		2.35%	\$3,178,821	\$135,485	7.58%	\$4,344,744	\$272,180
								Proposed	В	est Fit	Best Fit .	Advtg	Weighte	d Return
Proje	cted Growth	After 3 Years						\$3,314,307	\$3	,178,821	\$135,4	85	3.86% v	s 2.35%
Proje	cted Growth	After 5 Years						\$4,616,924	\$4	,344,744	\$272,1	80	8.93% v	s 7.58%





## **PROJECTING HISTORIC RETURNS**

Small differences in return are often dismissed as insignificant until that difference is converted into dollars. This report projects the proposed portfolio allocated value held by each investment based on the fund's historical performance over the time frame indicated. This projected amount is then compared to the historical performance of the Category Index as determined by Morningstar. NOTE: If the Proposed Portfolio outperforms the Category Index, all numbers will remain black. If the Category outperforms the Proposed for a single fund or as a whole, the value will be reflected in red. Investments that lack history or a corresponding Category Index will not show any data.

## PERFORMANCE COMPARISON PROJECTIONS Proposed vs. Category Index

	Alloca	ation		Propose	ed Portfolio					Category	/ Index			
Sub- Asset	% of Assets	Value	Fund Name	3 Yr Total % Return	3 Yr Total \$ Return	5 Yr Total % Return	5 Yr Total \$ Return	Index Name	3 Yr Total % Return	3 Yr Total \$ Return	+ / - Proposed Fund 3 Yr	5 Yr Total % Return	5 Yr Total \$ Return	+ / - Proposed Fund 5 Yr
LV	4.18%	\$123,213	AB Growth and Income I	7.38%	\$152,555	14.38%	\$241,216	S&P 500 TR USD	9.07%	\$159,872	(\$7,317)	14.45%	\$241,955	(\$739)
LG	8.22%	\$242,342	Columbia Large Cap Growth Y	9.07%	\$314,445	14.34%	\$473,609	S&P 500 TR USD	9.07%	\$314,445	\$0	14.45%	\$475,891	(\$2,282)
MB	10.18%	\$300,000	Principal MidCap S&P 400 Index Inst	9.09%	\$389,472	14.45%	\$589,115	S&P 500 TR USD	9.07%	\$389,258	\$214	14.45%	\$589,115	\$0
MG	4.45%	\$131,231	Vanguard Mid Cap Growth Inv	4.98%	\$151,830	11.13%	\$222,430	S&P 500 TR USD	9.07%	\$170,276	(\$18,446)	14.45%	\$257,701	(\$35,271)
SB	10.18%	\$300,000	Northern Small Cap Core	6.79%	\$365,353	14.38%	\$587,316	S&P 500 TR USD	9.07%	\$389,258	(\$23,905)	14.45%	\$589,115	(\$1,799)
FG	4.24%	\$125,000	Thornburg International Value	-0.83%	\$121,913	4.77%	\$157,796	MSCI ACWI EX USA NR USD	-2.31%	\$116,536	\$5,377	4.24%	\$153,845	\$3,951
FA	27.14%	\$800,000	Goldman Sachs Intl Sm Cp Insghts Instl	2.49%	\$861,260	10.24%	\$1,302,525 MSCI ACWI Ex USA NR USD		-2.31%	\$745,831	\$115,429	4.24%	\$984,605	\$317,920
EM	10.60%	\$312,312	Invesco Developing Markets R5	-2.57%	\$288,846	1.41%	\$334,960	MSCI ACWI EX USA NR USD	-2.31%	\$291,165	(\$2,319)	4.24%	\$384,380	(\$49,420)
СІ	7.82%	\$230,503	Vanguard Interm-Term Bond Index Inv	3.11%	\$252,685	3.11%	\$268,646	Bloomberg Barclays US Aggregate Bond TR USD	2.79%	\$250,339	\$2,345	2.43%	\$259,904	\$8,743
СІ	7.91%	\$233,123	Western Asset Core Plus Bond I	4.18%	\$263,596	4.31%	\$287,882	Bloomberg Barclays US Aggregate Bond TR USD	2.79%	\$253,185	\$10,411	2.43%	\$262,858	\$25,024
IP	5.09%	\$150,000	Western Asset Inflation Idxd Plus Bd I	0.52%	\$152,352	0.19%	\$151,430	Bloomberg Barclays US Aggregate Bond TR USD	2.79%	\$162,909	(\$10,556)	2.43%	\$169,133	(\$17,702)
	τοτ	ALS		Weight	ed Return					Weighted	Return			
	100.00%	\$2,947,724		3.86%	\$3,314,307	8.93%	\$4,616,924		2.99%	\$3,243,074	\$71,233	7.66%	\$4,368,500	\$248,424
								Proposed	Ca	tegory	Cat Ad	vtg	Weighte	d Return
Pro	jected Growth	n After 3 Years						\$3,314,307	\$3,	243,074	\$71,23	3	3.86% \	vs 2.99%
Proj	jected Growth	After 5 Years						\$4,616,924	\$4,	368,500	\$248,4	24	8.93% \	/s 7.66%



Prepared for: XYZ Corp Month Ending: November 30, 2016



#### How to use this Report

This report compares your expense by service category to a universe of similar peers ranked by asset size. In addition to benchmarking the fees paid for each service category, this report provides a break-down of the services rendered under each service category and where data exists the cost some providers charge for the service on an a la carte basis. Also, this report provides a fiduciary with an indication whether the fee is paid from plan assets which reduce participant returns or if the plan sponsor pays the cost. Finally, the fiduciary will be informed via the "Cost Identifier" either what, who, or how a particular fee is paid.

# SERVICE CATEGORY BENCHMARKING SUMMARY COMPARISON

Your Plan of 165 participants is Benchmarked against 575 Plans within a participant count range of 101 to 249

#### Bottom 10th **Top 90th Percentile** Universe Total % \$ Per Head Tota 560 Investment Management 0.62% \$110.24 0.72% \$128.61 0.54% 0.40% \$71.25 0.29% \$52.08 0.20% 0.44% Current \$95.83 \$34.91 \$78.57 Proposed 0.65% \$116.05 Custody/Trust Services 224 Current 0.25% \$44.66 0.35% \$62.47 0.11% \$19.12 0.07% \$11.79 0.04% \$7.91 0.02% \$3.48 0.12% \$22.05 Proposed 0.25% \$44.66 Recordkeeping/Admin 486 Current 0.29% \$51.45 0.58% \$103.47 0.40% \$71.80 0.25% \$44.79 0.15% \$26.98 0.08% \$14.01 0.32% \$56.27 Proposed 0.28% \$50.02 Advisor Services 350 Current 0.39% \$69.01 0.57% \$101.83 0.41% \$73.35 0.26% \$47.18 0.14% \$25.01 0.09% \$15.81 0.30% \$53.67 0.06% Proposed \$10.96 Communication/Education 18 0.00% \$0.00 0.20% \$35.73 0.08% \$15.15 0.05% \$8.93 0.01% \$2.30 0.00% \$0.36 0.07% \$12.31 Current Proposed 0.00% \$0.00 WEIGHTED AVERAGE EXPENSE CURRENT 1.55% \$275.36 2.42% \$432.12 1.54% \$275.25 1.03% \$183.94 0.64% \$114.28 0.38% \$68.57 1.25% \$222.87 PROPOSED 1.24% \$221.69



Prepared for: XYZ Corp Month Ending: November 30, 2016



# SERVICE CATEGORY BENCHMARKING SUMMARY COMPARISON

Your Plan of \$2,947,724 in assets is Benchmarked against 661 Plans within an asset range of \$2.5 to \$5 million

		Plan Co	omparison	Top 90th	Percentile	75th Pe	ercentile	50th Pe	ercentile	25th Pe	ercentile			Me	
SERVICE CATEGORIES	Universe	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$	Total %	Total \$
Investment Management	649														
Current		0.62%	\$18,190	0.72%	\$21,232	0.54%	\$15,797	0.41%	\$11,997	0.29%	\$8,607	0.19%	\$5,483	0.44%	\$13,097
Proposed		0.65%	\$19,148												
Custody/Trust Services	255														
Current		0.25%	\$7,369	0.50%	\$14,842	0.14%	\$4,127	0.08%	\$2,335	0.06%	\$1,621	0.03%	\$752	0.16%	\$4,713
Proposed		0.25%	\$7,369												
Recordkeeping/Admin	571														
Current		0.29%	\$8,489	0.60%	\$17,568	0.46%	\$13,477	0.29%	\$8,693	0.17%	\$5,108	0.11%	\$3,166	0.34%	\$10,114
Proposed		0.28%	\$8,254												
Advisor Services	379														
Current		0.39%	\$11,387	0.71%	\$20,870	0.54%	\$15,918	0.43%	\$12,672	0.26%	\$7,664	0.11%	\$3,130	0.43%	\$12,560
Proposed		0.06%	\$1,808												
Communication/Education	9														
Current		0.00%	\$0	0.15%	\$4,422	0.13%	\$3,770	0.08%	\$2,500	0.01%	\$380	0.00%	\$62	0.09%	\$2,600
Proposed		0.00%	\$0												
WEIGHTED AVERAGE EXF	ENSE														
CURRENT		1.55%	\$45,436	2.68%	\$78,934	1.80%	\$53,089	1.30%	\$38,197	0.79%	\$23,381	0.43%	\$12,593	1.46%	\$43,084
		1.24%	\$36,579												



Prepared for: XYZ Corp Month Ending: November 30, 2016



## **Understanding Service Line Benchmarking Summary**

This report provides the responsible plan fiduciary with expense benchmarking data based on a selection of key services offered by the selected covered service providers. Cost per service is reflected for service lines where data has been provided and it is compared to other plans of similar size by participant count. This report also permits a specific comparison to an alternative covered service provider for the same service menu.

# SERVICE CATEGORY BENCHMARKING COMPARISON DOLLARS BY PARTICIPANT COUNT

Investment Management	Current Plan (\$ Per Head)	Proposed Plan (\$ Per Head)	Sample Size	% Utilize	# Charging	% Charging	Top 90% (\$ Per Head)	75% (\$ Per Head)	50% (\$ Per Head)	25% (\$ Per Head)	Bottom 10% (\$ Per Head)	Mean (\$ Per Head)
Net Weighted Operating Expense Ratio	\$110.24	\$116.05	555	99	534	96	\$539.65	\$319.32	\$167.46	\$90.73	\$38.55	\$275.48
Other	\$0.00	\$0.00	231	41	300	130	\$251.19	\$108.98	\$32.12	\$11.84	\$2.21	\$104.29
	\$110.24	\$116.05	CAT	EGORY BE		AVG	\$128.61	\$95.83	\$71.25	\$52.08	\$34.91	\$78.57
Custody/Trust Services	Current Plan (\$ Per Head)	Proposed Plan (\$ Per Head)	Sample Size	% Utilize	# Charging	% Charging	Top 90% (\$ Per Head)	75% (\$ Per Head)	50% (\$ Per Head)	25% (\$ Per Head)	Bottom 10% (\$ Per Head)	Mean (\$ Per Head)
Group Annuity Contract	\$44.66	\$44.66	2	1	2	100	\$56.35	\$56.35	\$35.41	\$35.41	\$35.41	\$45.88
Annual Certified Trust Reports	\$0.00	\$0.00	3	1	3	100	\$3.88	\$2.71	\$2.71	\$2.12	\$2.12	\$2.90
Mail Proxy Statements to Fiduciary	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	-
Mail Prospectuses to Fiduciary	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	-
Collect & Deposit Revenue Sharing in ERISA Account	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	-
ERISA 403(a) Directed Trustee	\$0.00	\$0.00	33	15	33	100	\$46.50	\$16.50	\$9.95	\$5.86	\$3.66	\$27.67
Withhold Federal & State Tax	\$0.00	\$0.00	1	-	1	100	\$13.76	\$13.76	\$13.76	\$13.76	\$13.76	\$13.76
Credit Float Income to Plan	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	-
	\$44.66	\$44.66	CATEGORY BENCHMARK AVG \$6			\$62.47	\$19.12	\$11.79	\$7.91	\$3.48	\$22.05	



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## SERVICE CATEGORY BENCHMARKING COMPARISON DOLLARS BY PARTICIPANT COUNT

Your Plan of 165 participants is Benchmarked against 576 Plans within a participant count range of 101 to 249

Recordkeeping/Admin	Current Plan (\$ Per Head)	Proposed Plan (\$ Per Head)	Sample Size	% Utilize	# Charging	% Charging	Top 90% (\$ Per Head)	75% (\$ Per Head)	50% (\$ Per Head)	25% (\$ Per Head)	Bottom 10% (\$ Per Head)	Mean (\$ Per Head)
ERISA 3(16) Plan Administrator	\$6.79	\$0.00	22	5	22	100	\$87.57	\$51.42	\$23.56	\$12.29	\$2.72	\$33.22
TPA Administration	\$44.66	\$50.02	296	61	296	100	\$82.78	\$51.72	\$26.25	\$10.57	\$6.84	\$41.00
Allocate Payroll Deferrals	\$0.00	\$0.00	1	-	1	100	\$3.82	\$3.82	\$3.82	\$3.82	\$3.82	\$3.82
Processing Trading/Transfers	\$0.00	\$0.00	1	-	1	100	\$35.97	\$35.97	\$35.97	\$35.97	\$35.97	\$35.97
Participant Statements	\$0.00	\$0.00	8	2	8	100	\$34.99	\$32.00	\$29.31	\$4.93	\$3.94	\$23.03
Participant Support	\$0.00	\$0.00	8	2	8	100	\$23.98	\$16.94	\$0.51	\$0.22	\$0.17	\$11.55
Plan Design	\$0.00	\$0.00	1	-	1	100	\$2.81	\$2.81	\$2.81	\$2.81	\$2.81	\$2.81
5500 Preparation	\$0.00	\$0.00	126	26	126	100	\$1.23	\$0.46	\$0.36	\$0.28	\$0.22	\$1.06
Compliance & Testing	\$0.00	\$0.00	5	1	5	100	\$108.25	\$6.67	\$5.62	\$1.19	\$1.19	\$24.78
ADP/ACP Testing Failure Refund	\$0.00	\$0.00	1	-	1	100	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20
	\$51.45	\$50.02	CAT	EGORY BE	NCHMARK	AVG	\$103.47	\$71.80	\$44.79	\$26.98	\$14.01	\$56.27

Advisor Services	Current Plan (\$ Per Head)	Proposed Plan (\$ Per Head)	Sample Size	% Utilize	# Charging	% Charging	Top 90% (\$ Per Head)	75% (\$ Per Head)	50% (\$ Per Head)	25% (\$ Per Head)	Bottom 10% (\$ Per Head)	Mean (\$ Per Head)
ERISA 3(21)(A)(ii) Fiduciary Advisor	\$0.00	\$0.00	226	65	229	101	\$283.85	\$199.18	\$139.56	\$78.26	\$51.29	\$160.29
ERISA 3(38) Investment Manager	\$69.01	\$10.96	81	23	80	99	\$280.86	\$229.32	\$142.01	\$71.29	\$44.24	\$159.33
Compliance Review	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	-
Group Enrollment	-	-	1	-	1	100	\$8.04	\$8.04	\$8.04	\$8.04	\$8.04	\$8.04
Individual Enrollment	-	-	-	-	-	-	-	-	-	-	-	-
E&O \$1 million in coverage	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	-
3rd Party Qualification	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	-
	\$69.01	\$10.96	CAT	EGORY BE		AVG	\$101.83	\$73.35	\$47.18	\$25.01	\$15.81	\$53.67



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## SERVICE CATEGORY BENCHMARKING COMPARISON DOLLARS BY PARTICIPANT COUNT

Your Plan of 165 participants is Benchmarked against 576 Plans within a participant count range of 101 to 249

Communication/Education	Current Plan (\$ Per Head)	Proposed Plan (\$ Per Head)	Sample Size	% Utilize	# Charging	% Charging	Top 90% (\$ Per Head)	75% (\$ Per Head)	50% (\$ Per Head)	25% (\$ Per Head)	Bottom 10% (\$ Per Head)	Mean (\$ Pei Head)
Evaluate/Design SPD	-	-	-	-	-	-	-	-	-	-	-	-
Evaluate/Design Enrollment Materials	-	-	2	11	2	100	\$2.06	\$2.06	\$0.42	\$0.42	\$0.42	\$1.24
Customization of Enrollment Materials	-	-	1	6	1	100	\$15.57	\$15.57	\$15.57	\$15.57	\$15.57	\$15.57
Evaluate/Design Communication Materials	-	-	1	6	1	100	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79
Customization of Communication Materials	-	-	3	17	3	100	\$86.41	\$86.41	\$86.41	\$83.18	\$83.18	\$85.33
Group Enrollment	-	-	4	22	4	100	\$14.61	\$14.30	\$5.58	\$4.11	\$4.11	\$9.65
Group Education	-	-	7	39	6	86	\$15.62	\$15.57	\$14.61	\$1.65	\$1.65	\$47.13
Individual Enrollment	-	-	1	6	1	100	\$13.52	\$13.52	\$13.52	\$13.52	\$13.52	\$13.52
Individual Education	-	-	7	39	7	100	\$86.41	\$86.41	\$83.18	\$20.77	\$2.45	\$67.78
Full-Time On-Site Educator(s)	-	-	-	-	-	-	-	-	-	-	-	-
	\$0.00	\$0.00	CAT	EGORY BE	ENCHMARK	AVG	\$35.73	\$15.15	\$8.93	\$2.30	\$0.36	\$12.31
PLAN BENCHMARK TOTALS	\$275.37	\$221.69					\$432.12	\$275.25	\$183.94	\$114.28	\$68.57	\$222.87



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## **Comparing Risk Statistics & Other Criteria**

A fiduciary has an obligation to minimize the risk of large losses. To demonstrate that risk has been properly evaluated, investment alternatives must be evaluated using appropriate risk statistics that can be compared to alternative investment options. This report provides a fiduciary with important information that compares the existing or current menu of investment options to competing investment alternatives using acceptable standards for selecting and monitoring investments. Prudence would dictate that a fiduciary give consideration to alternative investments that provide similar or better returns with less risk and expense.

# **COMPARING RISK STATISTICS & OTHER CRITERIA**

	Fund Name	Cat	Ticker	OER*	OER Rank	Alpha	Alpha Rank	Sharpe Ratio	Sharpe Rank	Mgr Tenure	Product History	Total Net Assets
Current	Dodge & Cox Stock	LV	DODGX	0.52	17.22%	-0.48	31.01%	0.71	44.04%	24.90	51.83	\$55,832
Proposed	AB Growth and Income I	LV	CBBIX	0.65	23.44%	-0.81	36.41%	0.74	41.28%	11.90	11.67	\$1,663
Current	MainStay Large Cap Growth I	LG	MLAIX	0.72	23.64%	-2.72	64.09%	0.48	54.29%	11.10	11.58	\$13,780
Proposed	Columbia Large Cap Growth Y	LG	CGFYX	0.69	22.27%	-0.58	33.23%	0.71	32.38%	11.30	7.33	\$3,254
Current	Vanguard Mid Cap Index Inv	MB	VIMSX	0.20	7.22%	-0.49	39.79%	0.72	24.73%	18.50	18.50	\$75,591
Proposed	Principal MidCap S&P 400 Index Inst	MB	MPSIX	0.19	6.67%	2.91	5.88%	0.75	21.51%	5.80	15.67	\$1,304
Current	Baron Asset Retail	MG	BARAX	1.31	45.51%	0.35	24.34%	0.54	37.74%	13.40	29.42	\$2,498
Proposed	Vanguard Mid Cap Growth Inv	MG	VMGRX	0.43	2.40%	-1.12	46.51%	0.43	48.11%	10.50	18.92	\$4,105
Current	Vanguard Small Cap Index Inv	SB	NAESX	0.20	5.94%	0.42	28.27%	0.56	27.17%	0.60	56.08	\$67,336
Proposed	Northern Small Cap Core	SB	NSGRX	0.66	20.30%	0.68	24.77%	0.51	32.61%	6.80	17.17	\$505
Current	Thornburg International Value I	FG	TGVIX	0.90	26.21%	1.22	17.37%	-0.02	46.58%	18.50	15.67	\$7,183
Proposed	Thornburg International Value I	FG	TGVIX	0.90	26.21%	1.22	17.37%	-0.02	46.58%	18.50	15.67	\$7,183
Current	Templeton Ins Foreign Smaller Co Ser Adv	FA	TFSCX	0.98	16.28%	-0.65	70.73%	-0.05	58.54%	9.10	14.08	\$1,004
Proposed	Goldman Sachs Intl Sm Cp Insghts Instl	FA	GICIX	0.90	11.63%	4.26	14.63%	0.26	14.63%	9.20	9.17	\$1,497
Current	Oppenheimer Developing Markets Y	EM	ODVYX	1.07	28.57%	-1.05	51.81%	-0.18	45.24%	9.60	11.17	\$28,687
Proposed	Invesco Developing Markets R5	EM	GTDIX	1.04	27.09%	0.46	25.91%	-0.09	34.52%	13.50	11.08	\$2,317
Current	PIMCO Total Return Admin	CI	PTRAX	0.71	36.67%	-0.90	78.81%	0.51	71.43%	2.20	22.17	\$82,598
Proposed	Western Asset Core Plus Bond I	CI	WACPX	0.45	22.22%	1.09	10.78%	1.19	25.17%	18.40	18.33	\$17,440



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# **COMPARING RISK STATISTICS & OTHER CRITERIA**

	Fund Name	Cat	Ticker	OER*	OER Rank	Alpha	Alpha Rank	Sharpe Ratio	Sharpe Rank	Mgr Tenure	Product History	Total Net Assets
Current	Vanguard Interm-Term Bond Index Inv	CI	VBIIX	0.16	7.78%	-0.77	74.35%	0.69	59.18%	8.60	22.67	\$28,862
Proposed	Vanguard Interm-Term Bond Index Inv	CI	VBIIX	0.16	7.78%	-0.77	74.35%	0.69	59.18%	8.60	22.67	\$28,862
Current	Loomis Sayles Inflation Protected Secs I	IP	LSGSX	0.40	24.49%	-0.73	50.83%	0.23	44.74%	4.60	25.50	\$33
Proposed	Western Asset Inflation Idxd Plus Bd I	IP	WAIIX	0.38	22.45%	-1.15	73.33%	0.12	59.21%	2.70	15.67	\$401

\*OER reflects the Prospectus Net Expense Ratio.



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## **Comparing Performance and Fee of Mapped Assets**

Mapping is a process by which the balance in a discontinued investment option is transferred to a new investment option typically at the direction of the Plan Administrator. During the mapping process, participants are informed of a specific start and end date during which the participant will be prohibited from processing transactions in their account. During this period, future contribution allocations and existing account balances in the discontinued investment option will be directed, or mapped, to the new investment option indicated in the following Mapping Report.

# **MAPPING REPORT**

				Expense	Analysis		Total Returns - %				
Fund Name	Ticker	Current Assets	Mapped Assets	Net/Gross	Revenue Sharing*	3 Mth	YTD	1 YR	3 YR	5 YR	10 YR
Large Value											
Dodge & Cox Stock	DODGX	\$123,213	-	0.52/0.52	0.10%	10.63%	19.77%	16.60%	9.08%	16.97%	6.03%
AB Growth and Income I	CBBIX	-	\$123,213	0.65/0.68	0.00%	4.23%	9.24%	8.16%	7.38%	14.38%	6.24%
Large Growth											
Columbia Large Cap Growth Y	CGFYX	-	\$242,342	0.69/0.69	0.00%	-0.49%	0.87%	0.47%	9.07%	14.34%	7.64%
MainStay Large Cap Growth I	MLAIX	\$242,342	-	0.72/0.74	0.00%	-2.73%	-2.24%	-2.98%	5.72%	11.80%	8.01%
Mid-Cap Blend											
Principal MidCap S&P 400 Index Inst	MPSIX	-	\$300,000	0.19/0.19	0.00%	4.35%	17.83%	12.89%	9.09%	14.45%	8.63%
Vanguard Mid Cap Index Inv	VIMSX	\$300,000	-	0.20/0.20	0.00%	1.82%	10.35%	7.41%	8.36%	14.00%	7.42%
Mid-Cap Growth											
Baron Asset Retail	BARAX	\$131,231	-	1.31/1.31	0.25%	-0.84%	6.21%	4.23%	6.39%	12.76%	6.60%
Vanguard Mid Cap Growth Inv	VMGRX	-	\$131,231	0.43/0.43	0.00%	1.07%	0.58%	-2.24%	4.98%	11.13%	7.43%





# **MAPPING REPORT**

			Expense Analysis					Total Ref	turns - %		
Fund Name	Ticker	Current Assets	Mapped Assets	Net/Gross	Revenue Sharing*	3 Mth	YTD	1 YR	3 YR	5 YR	10 YR
Small Blend											
Northern Small Cap Core	NSGRX	-	\$300,000	0.66/0.93	0.00%	6.94%	17.38%	11.67%	6.79%	14.38%	7.75%
Vanguard Small Cap Index Inv	NAESX	\$300,000	-	0.20/0.20	0.00%	4.54%	16.01%	11.13%	7.12%	14.30%	7.84%
Foreign Large Growth											
Thornburg International Value I	TGVIX	\$125,000	-	0.90/0.90	0.00%	-2.25%	-4.29%	-5.37%	-0.83%	4.77%	2.80%
Thornburg International Value I	TGVIX	-	\$125,000	0.90/0.90	0.00%	-2.25%	-4.29%	-5.37%	-0.83%	4.77%	2.80%
Foreign Small/Mid Value											
Goldman Sachs Intl Sm Cp Insghts Instl	GICIX	-	\$800,000	0.90/0.99	0.00%	-2.14%	0.57%	1.98%	2.49%	10.24%	-
Templeton Ins Foreign Smaller Co Ser Adv	TFSCX	\$800,000	-	0.98/0.98	0.00%	-5.06%	-3.52%	-3.53%	-1.09%	6.70%	4.98%
Diversified Emerging Mkts											
Invesco Developing Markets R5	GTDIX	-	\$312,312	1.04/1.05	0.00%	-5.01%	17.93%	14.19%	-2.57%	1.41%	3.86%
Oppenheimer Developing Markets Y	ODVYX	\$312,312	-	1.07/1.07	0.25%	-2.54%	7.44%	5.13%	-3.77%	2.33%	4.94%
Intermediate-Term Bond											
Vanguard Interm-Term Bond Index Inv	VBIIX	-	\$230,503	0.16/0.16	0.00%	-4.06%	2.66%	2.03%	3.11%	3.11%	5.18%
Vanguard Interm-Term Bond Index Inv	VBIIX	\$230,503	-	0.16/0.16	0.00%	-4.06%	2.66%	2.03%	3.11%	3.11%	5.18%
PIMCO Total Return Admin	PTRAX	\$233,123	-	0.71/0.72	0.35%	-2.79%	1.70%	1.52%	1.85%	3.17%	5.20%
Western Asset Core Plus Bond I	WACPX	-	\$233,123	0.45/0.52	0.00%	-2.96%	4.17%	3.59%	4.18%	4.31%	5.41%





# **MAPPING REPORT**

				Expense	Analysis	Total Re	Total Returns - %				
Fund Name	Ticker	Current Assets	Mapped Assets	Net/Gross	Revenue Sharing*	3 Mth	YTD	1 YR	3 YR	5 YR	10 YR
Inflation-Protected Bond											
Western Asset Inflation Idxd Plus Bd I	WAIIX	-	\$150,000	0.38/0.38	0.00%	-2.14%	2.66%	2.00%	0.52%	0.19%	3.45%
Loomis Sayles Inflation Protected Secs I	LSGSX	\$150,000	-	0.40/0.80	0.00%	-1.67%	4.46%	3.61%	1.03%	0.62%	3.71%
Total Assets		\$2,947,724	\$2,947,724								

\* Revenue Sharing is based off of the Prospectus Net Expense Ratio.

Weighted Average %											
Total Cost Analysis	Total Exp	ense	Revenue S	Sharing	Net Investment Cost						
Current Portfolio	\$20,235.41	0.69%	\$2,048.00	0.07%	\$18,187.41	0.62%					
Proposed Portfolio	\$19,148.24	0.65%	\$0.00	0.00%	\$19,148.24	0.65%					



Prepared for: XYZ Corp Month Ending: November 30, 2016



Category Average

2.96

7.97

19.87

#### Dodge & Cox Stock (DODGX) Large Value

#### Fund Objective

The investment seeks long-term growth of principal and income; a secondary objective is to achieve a reasonable current income. The fund invests primarily in a diversified portfolio of equity securities. It will invest at least 80% of its total assets in equity securities, including common stocks, depositary receipts evidencing ownership of common stocks, preferred stocks, securities convertible into common stocks, and securities that carry the right to buy common stocks. The fund may invest up

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA00C3O
Strategy Inception	01-04-1965
Share Class Inception	01-04-1965
Best Fit Index	Russell 1000 Value TR USD
Category Index	S&P 500 TR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	24.93
Strategy Assets	\$55.83b
Share Class Assets	\$55.83b / 100.00%
Avg Market Cap	\$61.87b
Closed New Inv	-
Closed All Inv	-
Min Investment	\$2,500
Turnover	15%
7 Day Yeild	0.00%
P/E	15.15
P.B.	1.73
Expense Data	
Prospectus Net / Gross	0.52% / 0.52%
Cat Avg Exp Ratio Net / Gross	1.24% / 3.02%
Expense Rank Net / Gross	17% / 11%
12b-1 Fees	0.00%
Waiver Amount	-
Waiver Exp Date	-

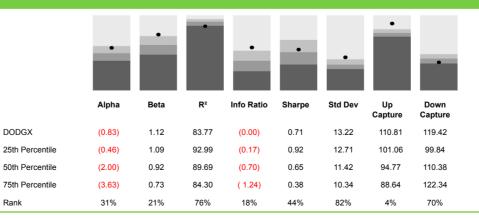
# Annualized Total Returns

"	zed Total Returns							
	20		_					
				_				
	15							
	10							
	5							
	o							
		3 MONTH	YTD	1 YEAR	3 YEAR	5 YEAR	10 YEAR	SINCE INCEPTION
)	DODGX	10.63	19.77	16.60	9.08	16.97	6.03	11.11
)	Best Fit Index	3.86	14.48	12.02	8.60	14.69	5.70	12.14
)	Category Average	3.94	12.39	9.66	6.85	12.75	5.33	-
	Rank in Category	3%	4%	4%	8%	1%	32%	-

#### Calendar Year Return (%)

Rank

		2011	2012	2013	2014	2015
	DODGX	(4.08)	22.01	40.55	10.40	(4.49)
	Best Fit Index	0.39	17.51	32.53	13.45	(3.83)
	Category Index	2.11	16.00	32.39	13.69	1.38
	Category Average	(0.75)	14.57	31.21	10.21	(4.05)
	Rank in Category	74%	2%	2%	54%	62%
sk Q	uartile Charts - 3 Year Rolling Period					



Assel Anocation (76)		
	CASH	0.38
	US STOCKS	90.45
	NON-US STOCKS	9.07
	US BONDS	0.00
	FOREIGN BONDS	0.00
	PERFERRED STOCKS	0.00
	CONVERTIBLES	0.00
	OTHER	0.10

#### DODGX % BASIC MATERIALS 0.91 % CONSUMER CYCLICAL 9.09 % FINANCIAL SERVICES 27.16

% REAL ESTATE	0.00	1.99	
% CONSUMER DEFENSIVE	2.55	8.82	
% HEALTHCARE	16.41	12.67	
% UTILITIES	0.00	4.65	
% COMMUNICATION SERVICES	8.04	4.65	
% ENERGY	9.90	10.62	
% INDUSTRIALS	4.11	10.35	
% TECHNOLOGY	21.34	12.14	

## Top Ten Holding (%)

Sector Weighting

% Assets in Top 10	32.49
Wells Fargo & Co	3.21
Time Warner Inc	3.08
Microsoft Corp	2.68
Hewlett Packard Enterprise Co	3.80
Goldman Sachs Group Inc	2.66
Comcast Corp Class A	2.87
Charter Communications Inc A	3.08
Charles Schwab Corp	3.49
Capital One Financial Corp	3.82
Bank of America Corporation	3.80





## MainStay Large Cap Growth I (MLAIX) Large Growth

#### Fund Objective

The investment seeks long-term growth of capital. The fund invests at least 80% of its assets (net assets plus any borrowings for investment purposes) in large capitalization companies, which are companies having a market capitalization in excess of \$4 billion at the time of purchase. The Subadvisor invests substantially all of the fund's investable assets in domestic securities. However, the fund is permitted to invest up to 20% of its net assets in foreign securities, which are generally secu

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA05BPL
Strategy Inception	04-01-2005
Share Class Inception	07-03-1995
Best Fit Index	Morningstar US Large Growth TR USD
Category Index	S&P 500 TR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	11.10
Strategy Assets	\$13.78b
Share Class Assets	\$8.73b / 63.35%
Avg Market Cap	\$70.93b
Closed New Inv	-
Closed All Inv	-
Min Investment	\$5,000,000
Turnover	66%
7 Day Yeild	0.00%
P/E	27.32
P.B.	4.69
Expense Data	
Prospectus Net / Gross	0.72% / 0.74%
Cat Avg Exp Ratio Net / Gross	1.40% / 2.40%
Expense Rank Net / Gross	24% / 19%
12b-1 Fees	0.00%
Waiver Amount	-
Waiver Exp Date	03/01/2017

nnualized Total Re	turns							Asset Allocation (%)		
15 - 10 - 8 - 0 -									CASH US STOCKS NON-US STOC US BONDS FOREIGN BON PERFERRED STOCKS CONVERTIBLE OTHER	DS
-6	3 MONTH	H YTD	1 YEAR :	3 YEAR	5 YEAR	10 YEAR	SINCE INCEPTION	Sector Weighting	MLAIX	Ca
MLAIX	(2.73)	(2.24)	(2.98)	5.72	11.80	8.01	8.83			A١
Best Fit Index	(1.21)	0.80	(1.66)	3.61	13.99	7.64	4.25	% BASIC MATERIALS	3.20	2.2
Category Aver	aqe (0.23)	2.64	0.98	3.56	12.59	6.86	_	% CONSUMER CYCLICAL	19.18	17
•								% FINANCIAL SERVICES	8.71	9.8
Rank in Categ	ory 89%	90%	87%	68%	68%	20%	-	% REAL ESTATE	0.97	0.9
alendar Year Retu	rn (%)							% CONSUMER DEFENSIVE	3.02	7.3
			0044	0040	0040	004.4	0045	% HEALTHCARE	19.56	16
			2011	2012	2013	2014	2015	% UTILITIES	0.00	0.3
MLAIX			(0.19)	13.21	36.94	10.54	6.17	% COMMUNICATION SERVICES	5.47	3.4
Best Fit Index			1.56	17.98	32.46	14.38	7.71	% ENERGY	2.36	2.4
Category Inde			2.11	16.00	32.39	13.69	1.38	% INDUSTRIALS	11.39	9.6
Category Aver			(2.46)	15.34	33.92	10.00	3.60	% TECHNOLOGY	25.65	27
Rank in Categ	•		30%	72%	20%	46%	30%			
Risk Quartile Charts	s - 3 Year Rollin	ng Period						Top Ten Holding (%)		
								Alphabet Inc A		2.4
			•			•		Alphabet Inc C		2.1
	•			•				Amazon.com Inc		4.9
								Apple Inc		3.2
								Celgene Corp		2.2
	Alpha	Beta	R <sup>2</sup> Info Ration	o Sharpe	Std Dev	Up	Down	Facebook Inc A Nike Inc B		3.4 2.3
						Capture	Capture	Starbucks Corp		2.4
MLAIX			0.07 (0.56)	0.48	13.09	93.74	118.86	UnitedHealth Group Inc		2.6
25th Percentile			0.36 (0.04)	0.79	13.45	97.95	98.92	Visa Inc Class A		4.1
50th Percentile			3.77 <b>(0.62)</b>	0.52	12.30	91.92	106.74	% Assets in Top 10		30
75th Percentile	(4.47)	0.90 77	7.71 (1.20)	0.26	11.28	86.00	115.91			
Rank	65%	38% 6	6% 48%	54%	67%	42%	81%			





13.65

7.81

4.86

8.89

3.65

1.47

5.03

0.62

0.79

0.60

6.88

11.86

6.90

7.20

8.29

5.10

1.46

4.99

#### Vanguard Mid Cap Index Inv (VIMSX) **Mid-Cap Blend**

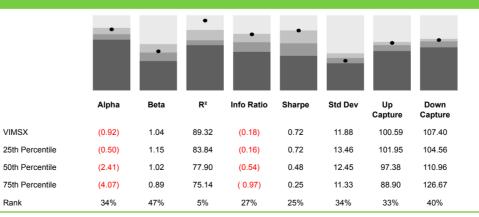
#### Fund Objective

The investment seeks to track the performance of a benchmark index that measures the investment return of mid-capitalization stocks. The fund employs an indexing investment approach designed to track the performance of the CRSP US Mid Cap Index, a broadly diversified index of stocks of mid-size U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA00IDR
Strategy Inception	05-21-1998
Share Class Inception	05-21-1998
Best Fit Index	Morningstar US Mid Cap TR USD
Category Index	S&P 500 TR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	18.54
Strategy Assets	\$75.59b
Share Class Assets	\$4.13b / 5.46%
Avg Market Cap	\$11.41b
Closed New Inv	-
Closed All Inv	-
Min Investment	\$3,000
Turnover	15%
7 Day Yeild	0.00%
P/E	20.26
P.B.	2.37
Expense Data	
Prospectus Net / Gross	0.20% / 0.20%
Cat Avg Exp Ratio Net / Gross	1.18% / 2.64%
Expense Rank Net / Gross	7% / 6%
12b-1 Fees	0.00%
Waiver Amount	-
Waiver Exp Date	-



alenc	alendar Year Return (%)								
		2011	2012	2013	2014	2015			
	VIMSX	(2.11)	15.80	35.00	13.60	(1.46)			
	Best Fit Index	(0.81)	17.08	36.29	12.31	(1.53)			
	Category Index	2.11	16.00	32.39	13.69	1.38			
	Category Average	(3.81)	16.15	34.10	7.80	(4.75)			
	Rank in Category	34%	57%	45%	6%	18%			
isk Q	sk Quartile Charts - 3 Year Rolling Period								



0	CASH US STOCKS NON-US STOCK3 US BONDS FOREIGN BOND3 FOREIGN BOND3 STOCKS CONVERTIBLES OTHER	0.00 S 0.00 0.00
Sector Weighting		
	VIMSX	Category Average
% BASIC MATERIALS	5.44	5.52
% CONSUMER CYCLICAL	17.44	15.41

Asset Allocation (%)

% FINANCIAL SERVICES

% CONSUMER DEFENSIVE

% COMMUNICATION SERVICES

% REAL ESTATE

% HEALTHCARE

% UTILITIES

% ENERGY

Newmont Mining Corp

WEC Energy Group Inc

% Assets in Top 10

Ross Stores Inc

% INDUSTRIALS	14.11	15.25
% TECHNOLOGY	16.61	14.37
Top Ten Holding (%)		
Amphenol Corp Class A		0.64
Conagra Brands Inc		0.67
Edwards Lifesciences Corp		0.64
Electronic Arts Inc		0.71
Equinix Inc		0.80
Fiserv Inc		0.68
Newell Brands Inc		0.73

Rank





## Baron Asset Retail (BARAX) Mid-Cap Growth

#### Fund Objective

-

The investment seeks capital appreciation through long-term investments primarily in securities of mid-sized companies with undervalued assets or favorable growth prospects. The fund invests for the long term primarily in equity securities in the form of common stock of mid-sized growth companies. BAMCO, Inc. ("BAMCO" or the "Adviser") defines mid-sized companies as those, at the time of purchase, with market capitalizations above \$2.5 billion or the smallest market cap stock in the Russell Mid

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA00BCJ
Strategy Inception	06-12-1987
Share Class Inception	06-12-1987
Best Fit Index	Morningstar US Mid Cap TR USD
Category Index	S&P 500 TR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	13.37
Strategy Assets	\$2.50b
Share Class Assets	\$1.76b / 70.62%
Avg Market Cap	\$10.34b
Closed New Inv	-
Closed All Inv	-
Min Investment	\$2,000
Turnover	14%
7 Day Yeild	0.00%
P/E	31.06
Р.В.	4.15
Expense Data	
Prospectus Net / Gross	1.31% / 1.31%
Cat Avg Exp Ratio Net / Gross	1.43% / 3.23%
Expense Rank Net / Gross	46% / 36%
12b-1 Fees	0.25%
Waiver Amount	-
Waiver Exp Date	-

BARAX

Rank

25th Percentile

50th Percentile

75th Percentile

(2.71)

(2.09)

(3.92)

(6.04)

32%

1.05

1.19

1.07

0.95

55%

#### Annualized Total Returns 15 10 . 3 MONTH YTD 1 YEAR 3 YEAR 5 YEAR 10 YEAR SINCE INCEPTION BARAX (0.84) 6.21 4.23 6.39 12.76 6.60 11.00 Best Fit Index 8.98 10.43 2 99 13.32 10 16 14.80 8 00 Category Average 0.56 5.70 274 5.03 11.36 6.75 Rank in Category 73% 44% 36% 29% 25% 59% Calendar Year Return (%) 2011 2012 2013 2014 2015 BARAX 9.48 (0.08)(2.93)15.31 38.88 Best Fit Index (0.81) 17.08 36.29 12.31 (1.53)Category Index 2.11 32.39 13.69 1.38 16 00 Category Average (3.96)14.07 34.93 7.00 (0.95)Rank in Category 42% 38% 18% 28% 42% **Risk Quartile Charts - 3 Year Rolling Period** . Alpha Beta R<sup>2</sup> Info Ratio Sharpe Std Dev Up Down Capture Capture



79.58

81.31

77.24

70.01

34%

(0.47)

(0.18)

(0.59)

(0.99)

44%

0.54

0.68

0.41

0.13

38%

12.64

14.57

13.33

12.24

34%

Verisk Analytics Inc

% Assets in Top 10

114.31

109.63

119.86

133.96

38%

94.61

98.13

91.78

86.28

39%

4.18

43.09





#### Vanguard Small Cap Index Inv (NAESX) **Small Blend**

#### Fund Objective

The investment seeks to track the performance of a benchmark index that measures the investment return of small-capitalization stocks. The fund employs an indexing investment approach designed to track the performance of the CRSP US Small Cap Index, a broadly diversified index of stocks of small U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the sam

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA00E0E
Strategy Inception	10-03-1960
Share Class Inception	10-03-1960
Best Fit Index	Morningstar US Small Cap TR USD
Category Index	S&P 500 TR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	0.59
Strategy Assets	\$67.34b
Share Class Assets	\$4.34b / 6.45%
Avg Market Cap	\$2.98b
Closed New Inv	-
Closed All Inv	-
Min Investment	\$3,000
Turnover	11%
7 Day Yeild	0.00%
P/E	19.78
Р.В.	1.90
Expense Data	
Prospectus Net / Gross	0.20% / 0.20%
Cat Avg Exp Ratio Net / Gross	1.30% / 3.83%
Expense Rank Net / Gross	6% / 3%
12b-1 Fees	0.00%
Waiver Amount	-
Waiver Exp Date	-



alenc	alendar Year Return (%)							
		2011	2012	2013	2014	2015		
	NAESX	(2.80)	18.04	37.62	7.37	(3.78)		
	Best Fit Index	(2.57)	16.49	37.91	6.92	(4.88)		
	Category Index	2.11	16.00	32.39	13.69	1.38		
	Category Average	(4.07)	15.46	37.39	3.79	(5.38)		
	Rank in Category	44%	22%	49%	14%	37%		
lisk Q	sk Quartile Charts - 3 Year Rolling Period							



0	CASH US STOCKS NON-US STOCK US BONDS FOREIGN BOND PERFERRED STOCKS CONVERTIBLES OTHER	0.00 0S 0.00 0.00
Sector Weighting		
	NAESX	Category Average
% BASIC MATERIALS	5.25	5.56
% CONSUMER CYCLICAL	12.98	13.74
% FINANCIAL SERVICES	12.97	17.16
% REAL ESTATE	13.27	7.36
% CONSUMER DEFENSIVE	3.97	3.85
% HEALTHCARE	9.35	9.70

% CONSUMER DEFENSIVE	3.97	3.85	
% HEALTHCARE	9.35	9.70	
% UTILITIES	3.75	3.26	
% COMMUNICATION SERVICES	0.65	0.91	
% ENERGY	4.72	3.40	
% INDUSTRIALS	15.80	17.00	
% TECHNOLOGY	15.49	15.19	

Top Ten Holding (%)

Asset Allocation (%)

Arthur J. Gallagher & Co	0.30
Atmos Energy Corp	0.27
Broadridge Financial Solutions Inc	0.27
Domino's Pizza Inc	0.29
Huntington Ingalls Industries Inc	0.26
Newfield Exploration Co	0.28
Packaging Corp of America	0.27
Regency Centers Corp	0.26
UGI Corp	0.28
Westar Energy Inc	0.29
% Assets in Top 10	2.77

Rank





## Thornburg International Value I (TGVIX) Foreign Large Growth

Rank

33%

55%

#### Fund Objective

The investment seeks long-term capital appreciation; current income is the secondary objective. The fund invests primarily in foreign equity securities or depository receipts of foreign equity securities. The fund may invest in developing countries, but under normal conditions those investments are expected to comprise a significantly smaller proportion of the fund than investments in developed countries.

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA02UJS
Strategy Inception	03-30-2001
Share Class Inception	05-28-1998
Best Fit Index	MSCI EAFE NR USD
Category Index	MSCI ACWI Ex USA NR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	18.52
Strategy Assets	\$7.18b
Share Class Assets	\$4.19b / 58.36%
Avg Market Cap	\$38.26b
Closed New Inv	-
Closed All Inv	-
Min Investment	\$2,500,000
Turnover	104%
7 Day Yeild	0.00%
P/E	15.85
P.B.	1.32
Expense Data	
Prospectus Net / Gross	0.90% / 0.90%
Cat Avg Exp Ratio Net / Gross	1.35% / 2.31%
Expense Rank Net / Gross	26% / 19%
12b-1 Fees	0.00%
Waiver Amount	-
Waiver Exp Date	-



#### Prepared By: George Washington

57%

42%

47%

51%

42%

39%





## Templeton Ins Foreign Smaller Co Ser Adv (TFSCX) Foreign Small/Mid Value

50th Percentile

75th Percentile

Rank

1.88

(0.59)

68%

0.86

0.79

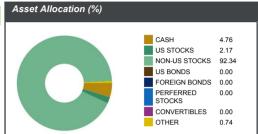
66%

#### Fund Objective

The investment seeks long-term capital growth. Under normal market conditions, the fund invests at least 80% of its net assets in investments of smaller companies located outside the U.S., including emerging markets. For purposes of this 80% policy, smaller companies are defined as those with market capitalizations that do not exceed \$4 billion. It may invest more than 25% of its assets in the securities of issuers located in any one country.

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA04AOY
Strategy Inception	10-21-2002
Share Class Inception	10-21-2002
Best Fit Index	FTSE Developed Small Cap Ex US TR USD
Category Index	MSCI ACWI Ex USA NR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	9.09
Strategy Assets	\$1.00b
Share Class Assets	\$1.00b / 100.00%
Avg Market Cap	\$1.67b
Closed New Inv	True
Closed All Inv	-
Min Investment	\$100,000
Turnover	29%
7 Day Yeild	0.00%
P/E	14.62
P.B.	1.51
Expense Data	
Prospectus Net / Gross	0.98% / 0.98%
Cat Avg Exp Ratio Net / Gross	1.35% / 2.24%
Expense Rank Net / Gross	16% / 13%
12b-1 Fees	0.00%
Waiver Amount	\$7,607
Waiver Exp Date	-
5	





Geographic Weighting

	TFSCX	Category Average
% North America	2.17	1.37
% Latin America	2.84	2.23
% United Kingdom	9.24	13.27
% Europe Developed	23.50	21.02
% Europe Emerging	0.61	1.64
% Africa/Middle East	0.00	0.30
% Japan	19.92	24.51
% Australia	0.00	4.82
% Asia Developed	15.31	6.39
% Asia Emerging	7.00	3.92
% Not Classified	0.00	0.00

Top Ten Holding (%) Aalberts Industries NV 1.89 Amer Sports Oyj 1.97 ASICS Corp 1.70 Gerresheimer AG 1.98 Huhtamäki Oyj 1.99 Interpump Group SpA 1.74 Kobayashi Pharmaceutical Co Ltd 1.95 Rational AG 1.96 Thule Group AB 1.81 Tsumura & Co 1.85 % Assets in Top 10 18.84

78.18

71.82

24%

0.27

(0.17)

60%

0.02

(0.21)

59%

12.12

11.67

23%

94.16

83.84

62%

87.74

95.68

48%





4.72

2.41

89.35

0.00

0.00

0.00

0.00 3.52

#### **Oppenheimer Developing Markets Y (ODVYX) Diversified Emerging Mkts**

ODVYX

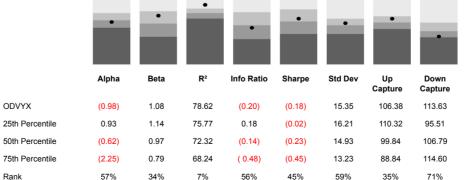
Rank

#### Fund Objective

The investment seeks capital appreciation. The fund mainly invests in common stocks of issuers in developing and emerging markets throughout the world and at times it may invest up to 100% of its total assets in foreign securities. Under normal market conditions, it will invest at least 80% of its net assets, plus borrowings for investment purposes, in equity securities of issuers whose principal activities are in a developing market, i.e. are in a developing market or are economically tied to

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA05GEL
Strategy Inception	09-07-2005
Share Class Inception	11-18-1996
Best Fit Index	MSCI EM NR USD
Category Index	MSCI ACWI Ex USA NR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	9.59
Strategy Assets	\$28.69b
Share Class Assets	\$13.02b / 45.38%
Avg Market Cap	\$25.06b
Closed New Inv	True
Closed All Inv	-
Min Investment	\$0
Turnover	18%
7 Day Yeild	0.00%
P/E	19.05
P.B.	2.52
Expense Data	
Prospectus Net / Gross	1.07% / 1.07%
Cat Avg Exp Ratio Net / Gross	1.52% / 4.15%
Expense Rank Net / Gross	29% / 15%
12b-1 Fees	0.00%
Waiver Amount	\$649,345
Waiver Exp Date	-





	CASH US STOCKS NON-US STOCKS US BONDS FOREIGN BONDS PERFERRED STOCKS CONVERTIBLES OTHER
Sector Weighting	

Asset Allocation (%)

	ODVYX	Category Average
% BASIC MATERIALS	3.28	5.55
% CONSUMER CYCLICAL	24.04	12.58
% FINANCIAL SERVICES	19.99	21.81
% REAL ESTATE	2.53	2.72
% CONSUMER DEFENSIVE	11.79	11.12
% HEALTHCARE	4.61	3.35
% UTILITIES	0.00	2.17
% COMMUNICATION SERVICES	0.00	4.95
% ENERGY	2.46	5.13
% INDUSTRIALS	4.20	5.19
% TECHNOLOGY	18.83	21.25

Top Ten Holding (%) AIA Group Ltd 2.34 Alibaba Group Holding Ltd ADR 4.74 Baidu Inc ADR 3.40 Housing Development Finance Corp Ltd 4.72 Lojas Americanas SA Pfd Shs 2.51 Magnit PJSC 3.16 Master China Series 1 2.45 OAO Novatek GDR 2.46 Taiwan Semiconductor Manufacturing Co Ltd 3.96 Tencent Holdings Ltd 5.00 % Assets in Top 10 34.74





#### Vanguard Interm-Term Bond Index Inv (VBIIX) **Intermediate-Term Bond**

#### Fund Objective

The investment seeks the performance of a market-weighted bond index with an intermediate-term dollar-weighted average maturity. The fund employs an indexing investment approach designed to track the performance of the Bloomberg Barclays U.S. 5-10 Year Government/Credit Float Adjusted Index. The index includes all medium and larger issues of U.S. government, investment-grade corporate and investment-grade international dollar-denominated bonds that have maturities between 5 and 10 years and are

Portfolio Data	
Portiolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA00BB1
Strategy Inception	03-01-1994
Share Class Inception	03-01-1994
Best Fit Index	Bloomberg Barclays US Aggregate Bond TR USD
Category Index	BBgBarc US Agg Bond TR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	8.61
Strategy Assets	\$28.86b
Share Class Assets	\$1.49b / 5.17%
Avg Market Cap	-
Closed New Inv	-
Closed All Inv	-
Min Investment	\$3,000
Turnover	9%
7 Day Yeild	0.00%
P/E	-
P.B.	-
Expense Data	
Prospectus Net / Gross	0.16% / 0.16%
Cat Avg Exp Ratio Net / Gross	0.99% / 1.45%
Expense Rank Net / Gross	8% / 6%
12b-1 Fees	0.00%
Waiver Amount	-
Waiver Exp Date	-

Annua	lized Total R	eturns	-								Asset Allocation (%)		
	9 -1		•					•				CASH US STOCKS NON-US STOCKS US BONDS FOREIGN BONDS PERFERRED STOCKS CONVERTIBLES OTHER	87.27
	-6	_	3 MONTH	YTD	1 YEAF	R 31	'EAR	5 YEAR	10 YEAR	SINCE INCEPTION	Credit Weighting	VBIIX	Category
	VBIIX		(4.06)	2.66	2.03	3.1	1	3.11	5.18	6.01			Average
	Best Fit Index	ĸ	(3.17)	2.50	2.17	2.7	'9	2.43	4.27	7.56	% AAA	55.05	47.48
	Category Ave	erade	(2.71)	2.97	2.36	2.4	8	2.81	4.04		% AA	4.46	7.83
		•									% A	15.73	18.01
	Rank in Cate	gory	99%	53%	56%	18'	%	35%	10%	-	% BBB	24.76	19.94
Calen	dar Year Retu	ırn (%)									% BB	0.00	3.37
					20 <sup>.</sup>		2012	2013	2014	2015	% B	0.00	1.21
	VBIIX				20 <sup>-</sup> 10.		6.91	(3.54)	6.85	1.21	% Below B	0.00	0.77
	Best Fit Index				7.8		4.21	. ,	5.97	0.55	% Not Rated	0.00	1.39
					7.8			(2.02)		0.55			
	Category Inde						4.21	(2.02)	5.97		Top Ten Holding (%)		
	Category Ave				5.8 1%		7.01 48%	(1.42) 96%	5.18 9%	(0.26) 9%	US Treasury Note 1.5%	:	2.35
	Rank in Cate			_	1%		48%	96%	9%	9%	US Treasury Note 1.625%	:	2.15
Risk G	Quartile Char	ts - 3 Ye	ear Rolling	Period							US Treasury Note 1.75%	2	2.83
				•	•				•		US Treasury Note 2%		1.73
						•		_	C C		US Treasury Note 2.125%		2.06
		- 84		_			•				US Treasury Note 2.25%		1.69
			•								US Treasury Note 2.5% US Treasury Note 2.5%		1.84 2.65
		- 8								•	US Treasury Note 2.75%		2.61
		Al	pha B	eta	R² In	fo Ratio	Sharpe	Std Dev	Up Capture	Down Capture	% Assets in Top 10	_	19.91
VBI	х	(0.	.77) 1	.42 9	7.72	0.22	0.69	4.41	130.28				
	Percentile				5.02	0.31	1.19	3.46	100.02				
	Percentile					(0.48)	0.82	2.98	92.62	93.95			
	Percentile					(1.34)	0.46	2.47	81.56	105.20			
Ran					1%	28%	59%	94%	1%	99%			



Prepared for: XYZ Corp Month Ending: November 30, 2016



## **PIMCO Total Return Admin (PTRAX)**

#### Intermediate-Term Bond

#### Fund Objective

The investment seeks maximum total return, consistent with preservation of capital and prudent investment management. The fund invests at least 65% of its total assets in a diversified portfolio of Fixed Income Instruments of varying maturities, which may be represented by forwards or derivatives such as options, futures contracts, or swap agreements. It invests primarily in investment-grade debt securities, but may invest up to 20% of its total assets in high yield securities. It may invest up

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA00BTN
Strategy Inception	09-08-1994
Share Class Inception	05-11-1987
Best Fit Index	Morningstar US Intermediate-Term Core Bond TR USD
Category Index	BBgBarc US Agg Bond TR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	2.18
Strategy Assets	\$82.60b
Share Class Assets	\$4.70b / 5.69%
Avg Market Cap	-
Closed New Inv	
Closed All Inv	-
Min Investment	\$1,000,000
Turnover	478%
7 Day Yeild	0.00%
P/E	-
Р.В.	-
Expense Data	
Prospectus Net / Gross	0.71% / 0.72%
Cat Avg Exp Ratio Net / Gross	0.99% / 1.45%
Expense Rank Net / Gross	37% / 30%
12b-1 Fees	0.25%
Waiver Amount	-
Waiver Exp Date	-

nualized Total Return	ns							Asset Allocation (%)		
e 1				•					CASH US STOCKS NON-US STOC US BONDS FOREIGN BON PERFERRED STOCKS CONVERTIBLE OTHER	NDS
-4-	3 MONTH	YTD	1 YEAR	3 YEAR	5 YEAR	10 YEAR	SINCE INCEPTION	Credit Weighting	PTRAX	Ca
PTRAX	(2.79)	1.70	1.52	1.85	3.17	5.20	6.31			Av
Best Fit Index	(2.08)	2.18	2.05	2.96	2.72	4.63	5.15	% AAA	-	47
Category Average	(2.71)	2.97	2.36	2.48	2.81	4.04	-	% AA	-	7.8
•								% A	-	18
Rank in Category	45%	87%	78%	80%	33%	9%	-	% BBB	-	19
endar Year Return (	%)							% BB	-	3.
			2011	2012	2013	2014	2015	% B	-	1.
PTRAX			3.91	10.08	(2.17)	4.43	0.48	% Below B	-	0.
Best Fit Index			7.04	4.25	(2.17)	5.56	1.96	% Not Rated	-	1.
Category Index			7.04	4.25	(1.07)	5.97	0.55	-		
					. ,			Top Ten Holding (%)		
Category Average			5.86 88%	7.01	(1.42) 68%	5.18 76%	(0.26) 24%	Fin Fut Us 10yr Cbt 09/21/16		13
Rank in Category			88%	13%	68%	76%	24%	Fin Fut Us 5yr Cbt 09/30/16		23
k Quartile Charts - 3	8 Year Rolling	Period						FNMA		4.2
			_					FNMA		7.7
			•					Irs Usd 1.75000 05/06/16-2y Cm		5.8
		•	_			•		Irs Usd 2.25000 12/16/15-7y Lch		4.7
	•		_	•	•		•	Irs Usd 2.50000 12/16/15-10y Lo		5.3
			_					Irs Usd 2.75000 12/16/15-30y Cr US Treasury Bond 3.125%	ne	13 5.4
	Alpha E	Beta	R <sup>2</sup> Info Ra	tio Sharp	e Std Dev	, Up	Down	Zcs Brl 14.1175 06/28/16-08/01/	16 Cme	4.3
		2010	inio ita	tio onarp	e ola bev	Capture	Capture	% Assets in Top 10		87
TRAX	(0.90)	1.00 7	9.44 <b>(0.60</b>	0.51	3.43	93.16	119.07	· · ·		
5th Percentile	0.87	1.01 9	5.02 0.31	1.19	3.46	100.02	81.85			
0th Percentile	0.08	0.84 8	8.99 <b>(0.48</b>	0.82	2.98	92.62	93.95			
5th Percentile	(0.70)	0.66 7	9.63 (1.34	) 0.46	2.47	81.56	105.20			
Pank	Q1%	28%	76% 54%	71%	74%	17%	03%			

76%

54%

71%

74%

47%

93%

Rank

81%

28%





2.43

0.00

0.00

0.00

0.00

0.00

0.00

Category Average

88.73

2.57

1.98

2.80

1.36

0.81

0.23

1.52

73.86

74.07

56.60

21.05

9.22

15.54

17.40

18.38

19.79

33.02

338.93

97.57

## Loomis Sayles Inflation Protected Secs I (LSGSX) Inflation-Protected Bond

Rank

68%

38%

#### Fund Objective

Portfolio Data

The investment seeks high total investment return through a combination of current income and capital appreciation. The fund will normally invest at least 80% of its net assets (plus any borrowings made for investment purposes) in inflation-protected securities. The emphasis will be on debt securities issued by the U.S. Treasury (Treasury Inflation-Protected Securities, or "TIPS"). The principal value of these securities periodically adjusted according to the rate of inflation, and repayment

Portfolio Data	
Universe	Open-Ended
Morningstar Sec ID	FOUSA00DKO
Strategy Inception	05-20-1991
Share Class Inception	05-20-1991
Best Fit Index	Bloomberg Barclays US Treasury US TIPS TR USD
Category Index	BBgBarc US Agg Bond TR USD
Manager Structure	Team
Lead Manager	Team
Manager Tenure	4.61
Strategy Assets	\$0.03b
Share Class Assets	\$0.03b / 95.57%
Avg Market Cap	-
Closed New Inv	-
Closed All Inv	-
Min Investment	\$100,000
Turnover	135%
7 Day Yeild	0.00%
P/E	-
Р.В.	-
Expense Data	
Prospectus Net / Gross	0.40% / 0.80%
Cat Avg Exp Ratio Net / Gross	0.77% / 1.10%
Expense Rank Net / Gross	24% / 44%
12b-1 Fees	0.00%
Waiver Amount	\$95,353
Waiver Exp Date	01/31/2017



27%

57%

45%

55%

43%

62%





# GLOSSARY

**10th Percentile** - The 10th percentile means that 90 percent of the samples in the universe have produced a higher cost. For benchmarking purposes, a fee paid to a service provider at the 10th percentile requires a fiduciary to demonstrate the scope of services justifies the cost.

**90th Percentile** - The 90th percentile means that 89% of the samples in the universe have produced a lower cost. For benchmarking purposes, a fee paid to a service provider at the 90th percentile requires a fiduciary to demonstrate the scope of services justifies the cost.

Alpha Rank - provides the rank of a fund's Alpha relative to its category peers for 3 years.

**Alpha** - Measures the difference between a fund's actual returns and its expected performance, given its level of risk as measured by beta. A positive alpha indicates the fund has performed better than its beta would predict. A negative alpha indicates the fund underperformed, given the expectations established by the fund's beta. The QMR reports 3-year Alpha data.

**Best Fit Index** - The market index that shows the highest correlation with a fund over the most-recent 36 months, as measured by the highest R-squared.

**Category Index** - The market index assigned to each Category by Morningstar to show performance relative to benchmark.

**Cost Identifier** - A designation ascribed to an expense by the PlanTools subscriber used to identify the expense. The description could address what type of expense, where the expense comes from, or what services are tied to the expense.

**Manager Tenure** - Indicates the period of time the lead manager has been managing the fund portfolio. For funds without a lead manager, tenure of the manager who has been with the fund the longest is reported. In the case of multiple lead managers, the tenure of the

lead manager with the longest tenure is reported. Not reported for variable annuities.

**Mean** - Is the average of a string of numbers. If you have a string of 100 different digits you add them together and divide by 100 to arrive at the mean or average.

**Median** - Is the middle of a string of numbers. If you have an even number you add the 2 middle numbers and divide by 2.

**OER** - Stands for Operating Expense Ratio which is the implicit cost disclosed in the prospectus of a mutual fund or the disclosure materials or fund fact sheets of a collective fund, separate account or separately managed account. The primary purpose of this cost is to cover the expense to manage the investment; although, other costs such as commissions and services fees can be included.

**OER Rank** - Provides the rank of a fund's expense ratio relative to its category peers. Funds with the lowest expense ratios are ranked in the Lowest 5%. Not reported for variable annuities or separate accounts.

**Revenue Sharing** - Is formally referred to as "indirect" fees in the final regulations issued under ERISA Section 408(b)(2). Revenue sharing is a generic name given to any part of the operating expense ratio of the investment option which is rebated to a service provider or the plan to cover plan level expenses.

**Sharpe Ratio** - Is a risk-adjusted measure calculated by dividing a fund's annualized excess returns by the standard deviation of a fund's annualized excess returns to determine reward per unit of risk. The higher the Sharpe Ratio, the better the fund's historical risk-adjusted performance. The QMR reports 3-year Sharpe Ratio data.

**Sharpe Ratio Rank** - Provides the rank of a fund's Sharpe ratio relative to its category for 3 years.





# GLOSSARY

**Product History** - Indicates the period the fund share class has been in operation based on inception date.

**Total Return** includes both income (in the form of dividends or interest payments) and capital gains or losses (the increase or decrease in the value of a security). Morningstar calculates total return by taking the change in a portfolio's Net Asset Value (NAV), assuming the reinvestment of all income and capital gain distribution (on the actual investment date used by the portfolio) during the period, and then dividing by the initial NAV. Unless marked otherwise, Morningstar does not adjust total return for sales charges or for redemption fees.

**R-squared** measures the relationship between a portfolio and its benchmark. It is a measure of the correlation of the fund's returns to the benchmark's returns. The higher the R-squared, the more the fund moves like the benchmark.





# DISCLOSURES

Past performance does not guarantee future results. The value of an investment will vary so that an investor's shares, when redeemed, may be worth less than their original value. Current performance may be higher or lower than the performance quoted.

Each Fund is subject to different levels of risk, based on the types and sizes of its underlying asset class allocations and its allocation strategy. In addition, each Fund's underlying funds may be subject to specific investment risks, including but not limited to: stock market risk (equity securities); default risk and interest rate risk - if interest rates go up, bond prices go down, and if interest rates go down, bond prices go up (bonds); currency fluctuations, political risks, differences in accounting and limited availability of information (international securities); and derivatives risk (many derivatives create investment leverage and are highly volatile). Please refer to each fund's most recent prospectus for a more detailed explanation of each Fund's principal risks.

If an investments expense or cost displays a dash (-), the investment expense is not available and therefore is excluded from the calculation of the average and total Plan costs. Therefore current vs. proposed cost comparisons may not truly reflect the total cost to the Plan. Please contact your advisor if you have any questions regarding the proposed Plan cost comparisons.

Separate Account data is a delayed import and will be available approximately 45 days after month end. Therefore, some of the Separate Account data may be empty or outdated until it is available.

Peer groups are comprised of all of the funds that match an investment's category as classified by Morningstar. Morningstar Category identifies funds based on their actual investment styles as measured by their underlying portfolio holdings over a three-year period.

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\*\*\* This investment does not have the performance history for the time frame selected. Therefore, the rate of return calculation and the accumulative value ignores this investment and its comparative.

The Benchmarking Services Rendered report compares the "Current" and/or "Proposed" expense totals to all plans within the plan participant or asset range to which it is compared regardless of which services lines are included. However, within the Service Category is the actual service lines promised. If a user charges for that service the benchmarking data will appear for that service line. However, if you add up the total costs reflected for all service lines, where a cost is reported within a Service Category, it will not equal the total reported for the Service Category. That is because not all retirement plans within the database receive the same exact number of services.