

Important Information Regarding Investment Manager Trading Practices



December 18th, 2017

This document provides information to investors and prospective investors regarding the trading practices of investment managers ("Managers") who participate in certain investment advisory programs sponsored by Wells Fargo Advisors ("WFA"). WFA sponsors multiple Separately Managed Account Programs ("Programs") that utilize the services of Managers who have the ability to execute trades away from WFA and, as a result, can incur additional trading costs that are paid for by WFA Program Clients ("you", "your"). Any such trading costs are separate and distinct from Program Fees. You should understand the trading methods of the Managers available through the Programs, as well as the factors that influence such trading decisions.

Managers participating in the following Programs may choose to trade away from WFA: Diversified Managed Allocations ("DMA"), Masters Program and Private Advisor Network ("PAN"). Information regarding each of these programs is contained in the WFA Separately Managed Account ("SMA") Wrap Fee Brochure and is available via the following link:

https://www.adviserinfo.sec.gov/IAPD/Content/Common/crd_iapd_Brochure.aspx?BRCHR_VRSN_ID=466648

Best Execution Obligation

Each Manager has an obligation to obtain "best execution" of your transactions. In meeting this obligation, the Manager must execute securities transactions for you in such a manner that your total cost or proceeds in each transaction is the most favorable under the circumstances. In assessing whether this standard is met, the Manager should consider the full range and quality of a broker's services when selecting an executing broker, including, among other things, execution capability, commission rate, financial responsibility, responsiveness to the adviser, and the value of any research services provided. The evaluation of these factors may result in the Manager electing to execute your trade(s) away from WFA.

Trade Aggregation/Execution

We have a Best Execution Committee that reviews trading activity and the vendors and systems we use to process transactions, among other things. Your orders are treated with the same priority and procedural flow as non-advisory brokerage trades, except to accommodate the trading restrictions placed on these Accounts with respect to principal trades and agency cross transactions. In order to seek a more advantageous net price, it is our practice to aggregate, when feasible, orders for the purchase or sale of a particular security for the Accounts of several Program Clients for execution as a single transaction. Any benefit of such aggregation generally is allocated pro-rata among the Accounts of Clients that participated in the aggregated transaction. Client transactions are monitored regularly by branch supervisors, and product management personnel monitor Program exceptions as part of their general oversight responsibility for the Programs. In addition, we use system controls and identification to restrict advisory Accounts from being charged commissions. We also regularly review reports to determine if you have been charged commissions in error and correct your Account(s) where appropriate.



The securities traded for you may be traded in one or more marketplaces or may employ an alternative trading system ("ATS") to execute fixed-income transactions. Consistent with the overriding principle of best execution and subject to applicable regulatory requirements, we may use our discretion in selecting these marketplaces or ATS to enter or execute Client orders.

We route Client orders for over-the-counter equities and listed equity securities to execution venues as appropriate, with best execution being the highest priority. We consider a number of factors when determining where to send Client orders, including execution speed and price, price improvement opportunities, the availability of efficient and reliable order-handling systems, the level of service provided, and the cost of executing orders. We strive to execute all held orders at prices equal to or better than the displayed national bid/offer price, up to the displayed size, at the time of execution. Not-held orders are worked for best price by the trading desk. We may utilize non-affiliated third party authorized participants ("APs") when transacting large blocks of ETFs. APs are typically large institutions like market makers or specialists who can create ETFs by trading the underlying securities.

As a result of the over-the-counter nature of fixed income securities, the available trading methods differ from that of equity securities. Consistent with the overriding principle of best execution and subject to applicable regulatory requirements, we may use our discretion in selecting the appropriate ATS and/or broker-dealers with which to execute your orders. We consider a number of factors when determining where to execute orders, including the product type, the liquidity of the market and the size of the order.

For both equity and fixed income securities, we regularly review transactions for quality of execution, and take action, as appropriate, for price improvement and to fulfill our best execution obligations. At all times, our foremost concern is to obtain the best execution for our Clients, regardless of any compensation factor.

If any such prices are unavailable or believed to be unreliable, we will determine prices in good faith so as to reflect our understanding of fair market value.

Trade Away/Step Out Definition

Under the Programs, we are generally appointed as sole and exclusive broker by you with respect to the referenced Account for the execution of transactions. Our Program Fee covers transaction costs when transactions are executed through us. On occasion, Clients may designate, or the law may require, the use of other brokers. Managers within our Programs may also elect to execute transactions with other firms as they deem appropriate, taking into account a number of factors such as best execution responsibilities, research services and other qualitative factors. Certain Managers may elect to execute all, or a majority of their transactions with other firms based on these factors. When transactions are executed with other firms, including transactions executed through our affiliates, there are trading costs in executing the transaction that are embedded into the price of the security that do not apply when trades are executed through us. Any embedded execution costs on trades done away from us are in addition to our Program Fee and may increase your overall cost. Managers are required to consider these additional costs when reviewing their best execution responsibilities in determining whether to trade through us or another firm, however, as stated, there are other factors that may also impact their decision in where to place a trade.



The information on the following table was provided by Managers within our DMA, Masters, and PAN programs. We asked Managers to provide us with strategy level ranges around trading and additional costs for transactions not performed through WFA. This information represents activity for 2015 and 2016. WFA has reasonable expectations that the information below is correct, but it should be noted we have not audited or validated these figures. Should you have questions around these figures, please discuss with your Financial Advisor or applicable Manager.

Portfolios marked with (m) are traded via model delivery in both Masters and DMA. Any trade away costs for these portfolios are not applicable for Masters or DMA accounts.

BPS represent basis points (0.01%) trading cost per amount of trade in question; CPS represent trading cost in Cents Per Share (\$0.01) on any shares traded.

Important Information Regarding Investment Manager Trading Practices
Masters/DMA/PAN Cleared - Manager Self Reported Trade Away Cost

Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
12th Street Asset Management - Opportunity Managed Account	0%	0%	No Trades Done Away	No Trades Done Away
Abner, Herrman & Brock LLC - Custom Balanced (40 Eq / 60 Fxd)	50%	50%	No Additional Cost	No Additional Cost
Abner, Herrman & Brock LLC - Municipal Bond	98%	98%	No Additional Cost	No Additional Cost
Abner, Herrman & Brock LLC - Taxable Bond	98%	98%	No Additional Cost	No Additional Cost
Accuvest Global Advisors - Global Core Equity	50%	81%	0-1 Cps	0-1 Cps
Advisory Research, Inc. - Master Limited Partnerships	0%	0%	No Trades Done Away	No Trades Done Away
Advisory Research, Inc. - Small-/Mid-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Agincourt Capital Management LLC - Core Fixed Income	0%	0%	No Additional Cost	No Additional Cost
AllianceBernstein LP - Tax Aware Fixed Income	50%	55%	No Additional Cost	No Additional Cost
Alta Capital Management - All-Cap Quality Growth (m)	59%	72%	3+ Cps	2-3 Cps
Alta Capital Management - Large-Cap Quality Growth (m)	59%	72%	3+ Cps	2-3 Cps
Anchor Capital Advisors LLC - All-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
Anchor Capital Advisors LLC - All-Cap Value Balanced (m)	0%	0%	No Trades Done Away	No Trades Done Away
Anchor Capital Advisors LLC - Mid-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
Apex Capital Management - All-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Apex Capital Management - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Apex Capital Management - Small Cap Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Apex Capital Management - Small/Mid-Cap Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Appleton Partners, Inc. - Intermediate Municipal Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Appleton Partners, Inc. - Short-Term Municipal Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Asset Preservation Advisors - APA High Quality Intermediate	100%	100%	No Additional Cost	No Additional Cost
Astor Investment Management LLC - Dynamic Allocation (m)	86%	81%	0-1 Cps	0-1 Cps
Astor Investment Management LLC - Sector Allocation (m)	35%	85%	0-1 Cps	0-1 Cps
Atalanta Sosnoff Capital LLC - Large-Cap Core Balanced (m)	0%	0%	No Trades Done Away	No Trades Done Away
Atalanta Sosnoff Capital LLC - Large-Cap Core Equity (m)	0%	0%	No Trades Done Away	No Trades Done Away
Atlanta Capital Management Co. LLC - High Quality Small-/Mid-Cap Core	80%	80%	No Additional Cost	No Additional Cost
Atlanta Capital Management Co. LLC - High Quality Small-Cap Equity	56%	51%	No Additional Cost	No Additional Cost
Atlantic Trust Private Wealth Management - Intermediate Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Bahl & Gaynor Investment Counsel, Inc. - Income Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Bahl & Gaynor Investment Counsel, Inc. - Large-Cap Quality Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Beacon Capital Management, Inc. - Vantage 2.0 Aggressive	0%	0%	No Additional Cost	No Additional Cost
Beacon Capital Management, Inc. - Vantage 2.0 Balanced	0%	0%	No Additional Cost	No Additional Cost
Beacon Capital Management, Inc. - Vantage 2.0 Conservative	0%	0%	No Additional Cost	No Additional Cost
Beaumont Capital Management (BCM) - Diversified Equity	80%	80%	1-2 Cps	1-2 Cps
Beaumont Capital Management (BCM) - Growth	80%	80%	1-2 Cps	1-2 Cps
Beaumont Capital Management (BCM) - Moderate Growth	80%	80%	1-2 Cps	1-2 Cps
Beaumont Capital Management (BCM) - U.S. Sector Rotation	80%	80%	1-2 Cps	1-2 Cps
Belle Haven Investments L.P. - Cash Management	100%	100%	No Additional Cost	No Additional Cost
Belle Haven Investments L.P. - Ladder PLUS	100%	100%	No Additional Cost	No Additional Cost
Belle Haven Investments L.P. - Muni PLUS	100%	100%	No Additional Cost	No Additional Cost
Belle Haven Investments L.P. - Taxable Ladder PLUS	100%	100%	No Additional Cost	No Additional Cost
Belle Haven Investments L.P. - Taxable Plus	100%	100%	No Additional Cost	No Additional Cost
Berkshire Asset Management LLC - Dividend Growth & Income Strategy (m)	0%	0%	No Additional Cost	No Additional Cost
Bernzott Capital Advisors - Small-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
BiscayneAmericas Advisers LLC - Global Total Return	100%	100%	2-3 Cps	2-3 Cps

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Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
BlackRock, Inc. - Equity Dividend (m)	0%	0%	No Trades Done Away	No Trades Done Away
BlackRock, Inc. - Fundamental Core Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
BlackRock, Inc. - Intermediate Duration Municipal	100%	100%	No Additional Cost	No Additional Cost
BlackRock, Inc. - Intermediate Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
BlackRock, Inc. - Large-Cap Core (m)	0%	0%	No Trades Done Away	No Trades Done Away
BlackRock, Inc. - Large-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
BlackRock, Inc. - Long-Term Municipals	100%	100%	No Additional Cost	No Additional Cost
BlackRock, Inc. - Short-Term Municipals	100%	100%	No Additional Cost	No Additional Cost
Bluestone Capital Management - Bluestone Elite	0%	0%	No Trades Done Away	No Trades Done Away
Boyd Watterson Asset Management LLC - Investment Grade Intermediate Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Boyd Watterson Asset Management LLC - Ultra Enhanced Core Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Brandes Investment Partners, L.P. - Core Plus Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Brandes Investment Partners, L.P. - Emerging Markets	44%	45%	15+ Bps	15+ Bps
Brandes Investment Partners, L.P. - Enhanced Income	12%	7%	10-15 Bps	10-15 Bps
Brandes Investment Partners, L.P. - European Equity ADR	35%	42%	10-15 Bps	10-15 Bps
Brandes Investment Partners, L.P. - Global ADR Equity	81%	71%	10-15 Bps	10-15 Bps
Brandes Investment Partners, L.P. - Global Balanced (Value)	54%	35%	10-15 Bps	10-15 Bps
Brandes Investment Partners, L.P. - Global Small-Cap Equity	56%	57%	5-10 Bps	10-15 Bps
Brandes Investment Partners, L.P. - Global Small-Mid Cap Equity	78%	83%	10-15 Bps	10-15 Bps
Brandes Investment Partners, L.P. - International Equity (Value)	66%	53%	10-15 Bps	10-15 Bps
Brandes Investment Partners, L.P. - U.S. Small-Cap Value Equity	33%	37%	1-2 Cps	1-2 Cps
Brandes Investment Partners, L.P. - U.S. Value Equity (Large-Cap)	42%	17%	1-2 Cps	1-2 Cps
Breckinridge Capital Advisors, Inc. - Intermediate Tax Efficient Bond Strategy	99%	99%	No Additional Cost	No Additional Cost
C.S. McKee L.P. - Large-Cap Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
C.S. McKee L.P. - Large-Cap Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Calvert/Atlanta Capital - HQ Socially Responsible	18%	13%	No Additional Cost	No Additional Cost
Cambiar Investors, LLC - International ADR (m)	0%	0%	No Trades Done Away	No Trades Done Away
Cambiar Investors, LLC - Large-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
Capital Advisors, Inc. - Managed Equity Strategy	0%	0%	No Trades Done Away	No Trades Done Away
Capital Group - Global Equity SMA (m)	0%	0%	No Additional Cost	No Additional Cost
Capital Group - International Equity SMA (m)	0%	0%	No Additional Cost	No Additional Cost
Capital Group - U.S. Equity SMA	0%	0%	No Additional Cost	No Additional Cost
Caprin Asset Management LLC - Intermediate Muni - State Specific	94%	98%	0-1 Cps	0-1 Cps
Caprin Asset Management LLC - Intermediate Taxable Fixed Income	85%	97%	0-1 Cps	0-1 Cps
Caprin Asset Management LLC - Low Duration Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Caprin Asset Management LLC - Short Maturity Muni - National	99%	99%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Balanced - Global Eq Income / Current Income	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Balanced - Global Equity Income / Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Balanced - Theta Growth / Current Income	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Balanced Core (Large-Cap Growth)	0%	0%	No Additional Cost	No Additional Cost

Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Capstone Asset Management Co. - Current Income Portfolio	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Global Equity Income	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Municipal Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Theta Growth (Covered Call)	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Theta Growth Balanced (Covered Call)	0%	0%	No Additional Cost	No Additional Cost
CCM Investment Advisers LLC - Core Balanced	0%	0%	No Additional Cost	No Additional Cost
CCM Investment Advisers LLC - Core Equity	0%	0%	No Additional Cost	No Additional Cost
Center Coast Capital Advisors, LP - MLP SMA	0%	0%	No Additional Cost	No Additional Cost
Chicago Equity Partners LLC - Intermediate Duration Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Chickasaw Capital Management LLC - MLP SMA	0%	0%	No Additional Cost	No Additional Cost
Chilton Capital Management LLC - Growth and Income	0%	0%	No Trades Done Away	No Trades Done Away
Chilton Capital Management LLC - REIT	0%	0%	No Trades Done Away	No Trades Done Away
Churchill Management Group - Premier Wealth Tactical (m)	0%	0%	No Trades Done Away	No Trades Done Away
Churchill Management Group - Premier Wealth Tactical Core	24%	13%	0-1 Cps	0-1 Cps
Cincinnati Asset Management, Inc. - Broad Market Corporate Bond	100%	100%	No Additional Cost	No Additional Cost
Cincinnati Asset Management, Inc. - Investment Grade Corporate Bond	100%	99%	No Additional Cost	No Additional Cost
City National Rochdale - High Dividend & Income	0%	0%	No Trades Done Away	No Trades Done Away
Clark Capital Management Group, Inc. - Navigator Fixed Income Total Return	100%	100%	0-1 Cps	0-1 Cps
Clarkston Capital Partners LLC - Small-Cap Core (m)	0%	0%	No Trades Done Away	No Trades Done Away
ClearBridge Investments, LLC - All-Cap Value (WNAV) (m)	89%	90%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - All-Capitalization Growth (m)	76%	97%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Appreciation (WDA) (m)	53%	70%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Dividend (WDDS) (m)	63%	65%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - International ADR (WDAD) (m)	45%	54%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Mid-Cap Core (WNMC) (m)	77%	87%	0-1 Cps	No Additional Cost
ClearBridge Investments, LLC - Multi-Cap Growth (m)	62%	59%	1-2 Cps	1-2 Cps
Clinton Investment Management, LLC - Municipal Market Duration Strategy	0%	100%	No Additional Cost	No Additional Cost
CMG Capital Management Group, Inc. - Opportunistic All Asset ETF Strategy	0%	0%	No Trades Done Away	No Trades Done Away
Coho Partners, Ltd. - Relative Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
Columbia Mgmt. Inv. Advisers (Seligman) - Select Large-Cap Value (m)	0%	0%	No Additional Cost	No Additional Cost
Columbia Mgmt. Inv. Advisers LLC - Select Large-Cap Growth (m)	0%	0%	No Additional Cost	No Additional Cost
Confluence Investment Management LLC - All-Cap Value	1%	0%	0-1 Cps	No Additional Cost
Confluence Investment Management LLC - Asset Allocation Growth & Taxable Income ETF	0%	0%	No Additional Cost	No Additional Cost
Confluence Investment Management LLC - Equity Income	1%	1%	0-1 Cps	0-1 Cps
Confluence Investment Management LLC - Global Hard Assets	0%	0%	No Additional Cost	No Additional Cost
Confluence Investment Management LLC - Increasing Dividend Equity Account	1%	0%	0-1 Cps	No Additional Cost
Confluence Investment Management LLC - Large-Cap Value	3%	0%	0-1 Cps	No Additional Cost
Confluence Investment Management LLC - Small-Cap Value	1%	1%	0-1 Cps	0-1 Cps
Confluence Investment Management LLC - Value Opportunities	1%	1%	0-1 Cps	0-1 Cps
Congress Asset Management Co. - Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away

Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Congress Asset Management Co. - Short-Term Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Connors Investor Services, Inc. - Hedged Equities (Covered Call Writing)	0%	0%	No Trades Done Away	No Trades Done Away
Cornerstone Investment Partners LLC - Concentrated Equity	0%	0%	No Trades Done Away	No Trades Done Away
Cortland Associates, Inc. - Cortland Equity	0%	0%	No Trades Done Away	No Trades Done Away
Crawford Investment Counsel - Dividend Growth	0%	0%	No Trades Done Away	No Trades Done Away
Crawford Investment Counsel - National Municipal Bonds	0%	0%	No Trades Done Away	No Trades Done Away
Credit Suisse Asset Management - CS Intermediate California Tax-Advantaged Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Credit Suisse Asset Management - CS Intermediate New York Tax-Advantaged Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Credit Suisse Asset Management - CS Intermediate Tax-Advantaged Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Credit Suisse Asset Management - CS Limited Duration Tax-Advantaged Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Cullinan Associates, Inc. - Dividend Writing	0%	0%	No Additional Cost	No Additional Cost
Cullinan Associates, Inc. - OverWriting	0%	0%	No Additional Cost	No Additional Cost
Dalton, Greiner, Hartman, Maher & Co. LLC - All-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Dana Investment Advisors, Inc. - All-Cap Core Balanced	40%	40%	No Additional Cost	No Additional Cost
Dana Investment Advisors, Inc. - Large Cap Socially Responsible Catholic	0%	0%	No Trades Done Away	No Trades Done Away
Dana Investment Advisors, Inc. - Large-Cap Equity (m)	0%	0%	No Trades Done Away	No Trades Done Away
Dana Investment Advisors, Inc. - Limited Volatility	75%	75%	No Additional Cost	No Additional Cost
Dana Investment Advisors, Inc. - Municipal Bond	100%	100%	No Additional Cost	No Additional Cost
Dana Investment Advisors, Inc. - Socially-Responsible Equity	0%	0%	No Trades Done Away	No Trades Done Away
Davis Advisors - Large-Cap Value Equity (Core Value)	0%	0%	No Additional Cost	No Additional Cost
Davis Advisors - Multi-Cap Equity (All-Cap Core)	0%	0%	No Additional Cost	No Additional Cost
Dean Investment Associates LLC - Mid-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Delaware Investments (Equ) - Bennett Lawrence - Mid- Cap Growth Equity	0%	0%	No Additional Cost	No Trades Done Away
Delaware Investments (Equ) - International ADR	0%	0%	No Additional Cost	No Additional Cost
Delaware Investments (Equ) - Large-Cap Value Equity (m)	49%	41%	0-5 Bps	5-10 Bps
Delaware Investments (FI) - Aggregate Duration U.S. Government	99%	99%	No Additional Cost	No Additional Cost
Delaware Investments (FI) - Intermediate Aggregate Duration U.S. Government	99%	99%	No Additional Cost	No Additional Cost
Delaware Investments (FI) - Low Duration U.S. Government	99%	99%	No Additional Cost	No Additional Cost
Deroy & Devereaux - All Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Diamond Hill Capital Management, Inc. - Large-Cap Equity	100%	100%	2-3 Cps	2-3 Cps
Diamond Hill Capital Management, Inc. - Select All-Cap Equity	100%	100%	No Additional Cost	No Additional Cost
Dividend Assets Capital LLC - All MLP Portfolio	0%	0%	No Additional Cost	No Additional Cost
Dolan McEnery Capital Management LLC - DMC Core Plus	100%	100%	No Additional Cost	No Additional Cost
Dolan McEnery Capital Management LLC - DMC Credit	100%	100%	No Additional Cost	No Additional Cost
Dorsey, Wright & Associates LLC - Systematic Relative Strength Global Macro (m)	0%	0%	No Additional Cost	No Additional Cost
Douglas C. Lane & Associates, Inc. - Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
Duff & Phelps Investment Management Co. - International Equity ADR	85%	85%	2-3 Cps	2-3 Cps
Eagle Asset Management - Equity Income (m)	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - High Quality Taxable	100%	100%	0-5 Bps	0-5 Bps
Eagle Asset Management - High-Quality Tax-Free (Muni)	100%	100%	0-5 Bps	0-5 Bps

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	2015	2016	2015	2016
Eagle Asset Management - Large-Cap Core (m)	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Small-Cap (m)	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Small-Cap Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Special Fixed Portfolio	100%	100%	0-5 Bps	0-5 Bps
Eagle Asset Management - Strategic Income - Municipal Bonds	100%	100%	0-5 Bps	0-5 Bps
Eagle Asset Management - Strategic Income - Taxable	100%	100%	0-5 Bps	0-5 Bps
Eagle Capital Management LLC - Eagle Equity	0%	0%	No Trades Done Away	No Trades Done Away
EARNEST Partners LLC - All-Cap Core (m)	0%	0%	No Trades Done Away	No Trades Done Away
EARNEST Partners LLC - Core Domestic Fixed Income	100%	100%	No Additional Cost	No Additional Cost
EARNEST Partners LLC - Mid-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
EARNEST Partners LLC - Small-/Mid-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
EARNEST Partners LLC - Small-Cap Core (m)	0%	0%	No Trades Done Away	No Trades Done Away
EARNEST Partners LLC - Small-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
Eaton Vance Management - Corp Ladder Interm BBB	100%	100%	No Additional Cost	No Additional Cost
Eaton Vance Management - Large-Cap Value (m)	0%	0%	No Additional Cost	No Additional Cost
Eaton Vance Management - Managed Municipals Intermediate Maturity	100%	100%	No Additional Cost	No Additional Cost
Eaton Vance Management - Managed Municipals Long Maturity	100%	100%	No Additional Cost	No Additional Cost
Eaton Vance Management - Managed Municipals Short Maturity	100%	100%	No Additional Cost	No Additional Cost
Eaton Vance Management - Multi-Cap MSP	0%	0%	No Additional Cost	No Additional Cost
Eaton Vance Management - RBA Global ETF Aggressive	0%	0%	No Additional Cost	No Additional Cost
Eaton Vance Management - RBA Global ETF Conservative	0%	0%	No Additional Cost	No Additional Cost
Eaton Vance Management - RBA Global Risk Balanced	0%	0%	No Additional Cost	No Additional Cost
Eaton Vance Management - TABS Intermediate Maturity	100%	100%	No Additional Cost	No Additional Cost
Eaton Vance Management - TABS Laddered Muni Intermediate	100%	100%	No Additional Cost	No Additional Cost
Eaton Vance Management - TABS Laddered Muni Short/Intermediate	100%	100%	No Additional Cost	No Additional Cost
Eaton Vance Management - TABS Limited Maturity	100%	100%	No Additional Cost	No Additional Cost
Eaton Vance Management - TABS Long Maturity	100%	100%	No Additional Cost	No Additional Cost
Edge Asset Management, Inc. - SMID Dividend Income without K-1s	0%	0%	No Additional Cost	No Additional Cost
Edge Asset Management, Inc. - SMID Dividend Income with K-1s	0%	0%	No Additional Cost	No Additional Cost
Energy Income Partners LLC - Energy Infrastructure & MLP	0%	0%	No Additional Cost	No Additional Cost
Equity Investment Corporation - All-Cap Value Equity	0%	0%	No Additional Cost	No Additional Cost
Equity Investment Corporation - Large-Cap Value Equity	0%	0%	No Additional Cost	No Additional Cost
Estabrook Capital Management - Large-Cap Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Estabrook Capital Management - Large-Cap Core Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
Fayez Sarofim - Network Accts Only - Large-Cap Core-Growth	0%	0%	No Trades Done Away	No Trades Done Away
Fiduciary Management, Inc. - Large-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Fiduciary Management, Inc. - Small-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Balanced Closed-End Fund	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - ETF Asset Allocation Growth	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - ETF Asset Allocation Moderate Growth	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - FTA/Morningstar Multi-Discipline 40/60 Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - FTA/Morningstar Multi-Discipline 75/25 Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Municipal Closed-End Fund	0%	0%	No Trades Done Away	No Trades Done Away
Forward Management LLC - Tactical Growth	0%	0%	No Trades Done Away	No Trades Done Away

Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Franklin Separately Managed Accounts - Intermediate Fixed Income	7%	7%	No Additional Cost	No Additional Cost
Franklin Separately Managed Accounts - Intermediate Municipal Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Franklin Templeton Investments - Intermediate Municipal Fixed Income	100%	100%	No Additional Cost	No Additional Cost
GAMCO Investors, Inc - All-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Geneva Advisors - All-Cap Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Geneva Capital Management, Ltd. - Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Glovista Investments LLC - Emerging Markets Equity	72%	55%	No Additional Cost	No Additional Cost
Golden Capital Management, LLC - Large-Cap Core (m)	0%	0%	No Additional Cost	No Additional Cost
Golden Capital Management, LLC - Small-Cap Core (m)	0%	0%	No Additional Cost	No Additional Cost
Gratry & Company LLC - International Equity Growth	0%	0%	No Trades Done Away	No Trades Done Away
Great Lakes Advisors, LLC - Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Greenwood Capital Associates LLC - Balanced (Non-Taxable)	11%	29%	No Additional Cost	No Additional Cost
Greenwood Capital Associates LLC - Large Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Greenwood Capital Associates LLC - Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
GW&K Investment Management, LLC - Core Bond	100%	100%	No Additional Cost	No Additional Cost
GW&K Investment Management, LLC - Enhanced Core Bond	100%	100%	No Additional Cost	No Additional Cost
GW&K Investment Management, LLC - Equity Dividend Plus	0%	0%	No Trades Done Away	No Trades Done Away
GW&K Investment Management, LLC - Municipal Bond (Intermediate)	100%	100%	No Additional Cost	No Additional Cost
GW&K Investment Management, LLC - Total Return Bond	100%	100%	No Additional Cost	No Additional Cost
GW&K Investment Management, LLC - U.S. Equity Small/Mid Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Haverford Financial Services - Dividend Value	0%	0%	No Additional Cost	No Additional Cost
Haverford Financial Services - Intermediate Government Credit	0%	0%	No Additional Cost	No Additional Cost
Hays Advisory LLC - Global ETF	100%	100%	No Additional Cost	No Additional Cost
Heartland Advisors, Inc. - Opportunistic Value	0%	0%	No Additional Cost	No Additional Cost
Highland Capital Management Corp. - ICC - Multi-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Hillswick Asset Management LLC - Core Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Hillswick Asset Management LLC - Intermediate Duration Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Hilton Capital Management LLC - Tactical Income	0%	0%	No Trades Done Away	No Trades Done Away
Hodges Capital Management - Small-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Horizon Asset Management, Inc. - Core Value	0%	0%	No Trades Done Away	No Trades Done Away
Horizon Asset Management, Inc. - Research Select	0%	0%	No Trades Done Away	No Trades Done Away
Horizon Investments LLC - Active Asset Allocation ETF Focused	80%	93%	1-2 Cps	1-2 Cps
Horizon Investments LLC - Active Asset Allocation ETF Growth	91%	92%	1-2 Cps	1-2 Cps
Horizon Investments LLC - Active Asset Allocation ETF Moderate	88%	95%	1-2 Cps	1-2 Cps
Horizon Investments LLC - Real Spend 4	0%	0%	No Trades Done Away	No Trades Done Away
Horizon Investments LLC - Real Spend 5	0%	0%	No Trades Done Away	No Trades Done Away
Horizon Investments LLC - Real Spend 6	0%	1%	No Trades Done Away	0-1 Cps
Income Research & Management - Core Municipal	96%	91%	No Additional Cost	No Additional Cost
Innealta Capital - Tactical ETF Country Rotation Portfolio	0%	0%	No Additional Cost	No Additional Cost
Innealta Capital - Tactical ETF Sector Rotation Core Portfolio	0%	0%	No Additional Cost	No Additional Cost
Invesco Advisers, Inc. - Real Estate Securities	86%	79%	No Additional Cost	No Additional Cost
Investment Management of Virginia LLC - Opportunity Portfolio	0%	0%	No Additional Cost	No Additional Cost
JAG Capital Management, LLC - Corporate Fixed Income	100%	100%	No Additional Cost	No Additional Cost
JAG Capital Management, LLC - Enhanced Core Fixed Income	100%	100%	No Additional Cost	No Additional Cost
JAG Capital Management, LLC - Large-Cap Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away

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Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
James Capital Alliance, Inc. - 60 Plus All-Cap Balanced (m)	0%	0%	No Trades Done Away	No Trades Done Away
James Capital Alliance, Inc. - All-Cap Balanced (m)	0%	0%	No Trades Done Away	No Trades Done Away
James Capital Alliance, Inc. - Conservative All-Cap Balanced (m)	0%	0%	No Trades Done Away	No Trades Done Away
James Investment Research, Inc. - Balanced Product	0%	0%	No Additional Cost	No Additional Cost
John Hancock Asset Management - Fundamental Large Cap Core (m)	0%	0%	No Additional Cost	No Additional Cost
John Hancock Asset Management - Sovereign Dividend Performers (Large Cap) (m)	0%	0%	No Additional Cost	No Additional Cost
John Hancock Asset Management - Sovereign Dividend Performers Balanced	0%	0%	No Additional Cost	No Additional Cost
JP Morgan Investment Management, Inc. - Intermediate Municipal	0%	0%	No Additional Cost	No Additional Cost
JP Morgan Investment Management, Inc. - Large-Cap Value (Intrepid Value)	0%	0%	No Additional Cost	No Additional Cost
JP Morgan Investment Management, Inc. - Mid-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - Mid-Cap Core (m)	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - Small-/Mid-Cap Core (m)	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - Small-Cap Core (m)	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - Small-Cap Quality Value (m)	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - Small-Cap Sustainable Growth (Core Growth) (m)	0%	0%	No Additional Cost	No Additional Cost
Kinetics Asset Management LLC - All-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
Kinetics Asset Management LLC - Small-/Mid-Cap Value (m)	0%	0%	No Trades Done Away	No Trades Done Away
L&S Advisors, Inc. - Tactical Equity Income	0%	0%	No Trades Done Away	No Trades Done Away
L&S Advisors, Inc. - Tactical Equity Opportunities	0%	0%	No Trades Done Away	No Trades Done Away
Lateef Investment Management, L.P. - Large-Cap Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
Lateef Investment Management, L.P. - Multi-Cap Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
Lazard Asset Management LLC - Balanced Global (Core Value) (m)	0%	0%	No Trades Done Away	No Trades Done Away
Lazard Asset Management LLC - Emerging Markets Select ADR-SMA (m)	0%	0%	No Trades Done Away	No Trades Done Away
Lazard Asset Management LLC - Global Equity Select ADR (m)	0%	0%	No Trades Done Away	No Trades Done Away
Lazard Asset Management LLC - International Equity Select ADR (m)	0%	0%	No Trades Done Away	No Trades Done Away
Lazard Asset Management LLC - International Equity Select with Emerging Markets ADR (m)	0%	0%	No Trades Done Away	No Trades Done Away
Lazard Asset Management LLC - U.S. Large-Cap Equity Select (Core Value) (m)	0%	0%	No Trades Done Away	No Trades Done Away
Lazard Asset Management LLC - US Equity Concentrated	40%	40%	No Additional Cost	No Additional Cost
Legg Mason Private Portfolio Group LLC - LM Balanced Income (WBIC) (m)	44%	78%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA1 Large-Cap Blend (50% LCV / 50% LCG) (WD1)	87%	52%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA3 Dividends and Growth (70% Div / 30% MCG) (WDM3)	43%	53%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA5A Diversified All-Cap (40LCG/40ACV/20MCG) (WD5A)	57%	59%	1-2 Cps	1-2 Cps
Lesa Sroufe & Co., Inc. - Opportunistic Value Equity (m)	0%	0%	No Additional Cost	No Additional Cost
Logan Capital Management, Inc. - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Lord, Abbett & Co. LLC - Large-Cap Value Equity (m)	0%	0%	No Trades Done Away	No Trades Done Away

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Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Lord, Abbett & Co. LLC - Small-/Mid-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Mackay Shields LLC - Convertible Securities Portfolio (m)	74%	82%	No Additional Cost	No Additional Cost
Madison Investment Advisors LLC - Intermediate Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Madison Investment Advisors LLC - Large-Cap Equity (Core) (m)	0%	0%	No Trades Done Away	No Trades Done Away
Madison Investment Advisors LLC - Mid-Cap Equity (Core) (m)	0%	0%	No Trades Done Away	No Trades Done Away
Madison Scottsdale LC - Taxable Fixed Income Management	100%	100%	No Additional Cost	No Additional Cost
Madison Scottsdale LC - Tax-Exempt Fixed Income Management	100%	100%	No Additional Cost	No Additional Cost
MAI Wealth Advisors LLC - Dividend Strategy	0%	0%	No Trades Done Away	No Trades Done Away
Managed Asset Portfolios LLC - Global Equity Composite	0%	0%	No Additional Cost	No Additional Cost
Manning & Napier Advisors, Inc. - Core Non-U.S. Equity	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - Long-Term Growth	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - U.S. Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
Martin & Company, Inc. - Intermediate Core Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Matrix Asset Advisors, Inc. - Large-Cap Opportunistic Value	0%	0%	No Trades Done Away	No Trades Done Away
McDonnell Investment Management LLC - Core Aggregate Bond	100%	100%	No Additional Cost	No Additional Cost
McDonnell Investment Management LLC - Govt./Credit Fixed Income	100%	100%	No Additional Cost	No Additional Cost
McDonnell Investment Management LLC - Intermediate-Term Municipal Fixed Income	100%	100%	No Additional Cost	No Additional Cost
McKinley Capital Management LLC - International Growth ADR (m)	0%	0%	No Additional Cost	No Additional Cost
McKinley Capital Management LLC - Large-Cap Growth (m)	0%	0%	No Additional Cost	No Additional Cost
McKinley Capital Management LLC - U.S. Equity Income (m)	0%	0%	No Additional Cost	No Additional Cost
Metropolitan West Capital Management - Network Only - Large-Cap Intrinsic Value		6%	No Additional Cost	No Additional Cost
Metropolitan West Capital Management LLC - Large-Cap Intrinsic Value	6%	6%	No Additional Cost	No Additional Cost
MFS Institutional Advisors, Inc. - International ADR	65%	52%	0-5 Bps	0-5 Bps
MFS Institutional Advisors, Inc. - PPM Large-Cap Equity (Value)	15%	5%	No Additional Cost	No Additional Cost
Miller / Howard Investments, Inc. - Drill Bit to Burner Tip - with K1's	0%	0%	No Additional Cost	No Additional Cost
Miller / Howard Investments, Inc. - Income Equity (with MLPs) (m)	0%	0%	No Additional Cost	No Additional Cost
Miller / Howard Investments, Inc. - Income Equity (without MLPs) (m)	0%	0%	No Additional Cost	No Additional Cost
Miller / Howard Investments, Inc. - Master Limited Partnership Portfolio	0%	0%	No Additional Cost	No Additional Cost
Miller / Howard Investments, Inc. - Utilities Plus	0%	0%	No Additional Cost	No Additional Cost
Miller Tabak Asset Management LLC - Custom Muni Blend	60%	65%	No Additional Cost	No Additional Cost
Miller Tabak Asset Management LLC - MTAM Enhanced Tax-Free Municipal	60%	65%	No Additional Cost	No Additional Cost
Miller Tabak Asset Management LLC - MTAM Intermediate Tax-Free Municipal	60%	65%	No Additional Cost	No Additional Cost
Miller Tabak Asset Management LLC - MTAM Short Duration Tax-Free Municipal	60%	65%	No Additional Cost	No Additional Cost
Minneapolis Portfolio Management Group LLC - All-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Montag & Caldwell, LLC - Balanced (Growth)	48%	42%	No Additional Cost	No Additional Cost
Morgan Dempsey - Morgan Dempsey Large Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
MPI Investment Management, Inc. - Taxable Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Covered Call Growth (Concentrated)	0%	0%	No Additional Cost	No Additional Cost

Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Navellier & Associates, Inc. - Covered Call Growth (Unconcentrated)	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Covered Call Income (Concentrated)	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Covered Call Income (Unconcentrated)	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Defensive Alpha	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - International Select	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Tactical U.S. Equity Sector Plus featuring Alphasdex	0%	0%	No Additional Cost	No Additional Cost
Neuberger Berman Investment Advisers LLC - All-Cap Core Tax Exempt (without MLPs)	1%	0%	N/A	N/A
Neuberger Berman Investment Advisers LLC - All-Cap Core Taxable (with MLPs)	1%	0%	N/A	N/A
Neuberger Berman Investment Advisers LLC - International ADR (Core) (m)	0%	0%	N/A	N/A
Neuberger Berman Investment Advisers LLC - Rachlin Income Plus	0%	0%	N/A	N/A
Neuberger Berman Investment Advisers LLC - Small-Cap Value	0%	0%	N/A	N/A
Neuberger Berman Investment Advisers LLC - Socially Responsive Investing (Large-Cap Core) (m)	13%	3%	N/A	N/A
Neuberger Berman Investment Advisers LLC - Tax-Exempt Limited Maturity (Short-to-Intermediate)	100%	100%	We do Not bid with concessions	We do Not bid with concessions
New Amsterdam Partners LLC - Mid-Cap Socially-Responsible Active	0%	0%	No Trades Done Away	No Trades Done Away
New Amsterdam Partners LLC - Small-Mid Cap Active Eq	0%	0%	No Trades Done Away	No Trades Done Away
NFJ Investment Group - AllianzGI NFJ International Value	36%	7%	5-10 Bps	3+ Cps
NFJ Investment Group - AllianzGI NFJ Large-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - AIA S&P 500® Index	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Loomis Core Fixed Income	44%	44%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Loomis Core Total Return	44%	44%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Natixis/Vaughan Nelson Select	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Natixis/Vaughan Nelson Value Opportunity	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Sterling Capital Mgmt - Special Opportunities	0%	0%	No Trades Done Away	No Trades Done Away
NorthCoast Asset Management LLC - CAN SLIM Investment Program	0%	0%	No Additional Cost	No Additional Cost
NorthCoast Asset Management LLC - Legends Value	0%	0%	No Additional Cost	No Additional Cost
NorthCoast Asset Management LLC - LifeStyles Portfolio Balanced	0%	0%	No Additional Cost	No Additional Cost
NorthCoast Asset Management LLC - LifeStyles Portfolio Growth & Income	0%	0%	No Additional Cost	No Additional Cost
Northern Trust Investments, Inc. - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
NWQ Investment Management Co. LLC - Large-Cap Value Balanced	98%	67%	1-2 Cps	1-2 Cps
NWQ Investment Management Co. LLC - Special Equity	0%	0%	No Trades Done Away	No Trades Done Away
Oak Ridge Investments LLC - All-Cap Growth	34%	40%	2-3 Cps	2-3 Cps

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Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Oak Ridge Investments LLC - Mid-Cap Growth	21%	8%	2-3 Cps	2-3 Cps
Oak Ridge Investments LLC - Small-/Mid-Cap Growth	98%	100%	2-3 Cps	2-3 Cps
Pacific Income Advisers - Corporate Only	75%	75%	0-5 Bps	0-5 Bps
Pacific Income Advisers - High Yield Taxable Fixed Income	75%	75%	0-5 Bps	0-5 Bps
Pacific Income Advisers - Limited Duration Taxable Fixed Income	75%	75%	0-5 Bps	0-5 Bps
Pacific Income Advisers - Market Duration Taxable Fixed Income	75%	75%	0-5 Bps	0-5 Bps
Palouse Capital Management, Inc. - Diversified Income	0%	0%	No Additional Cost	No Additional Cost
Parametric Portfolio Associates - Tax-Managed Core - Broad Market - Russell 3000	0%	0%	0-1 Cps	0-1 Cps
PENN Capital Management Co., Inc. - Small-/Mid-Cap Equity	90%	90%	2-3 Cps	2-3 Cps
PIMCO - Total Return (Core Fixed Income)	100%	100%	No Additional Cost	No Additional Cost
Pinnacle Associates, Ltd. - Small-/Mid-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Polen Capital Management, LLC - Large-Cap Growth (m)	72%	86%	2-3 Cps	2-3 Cps
Principal Global Investors LLC - Real Estate Equity Securities	0%	0%	No Additional Cost	No Additional Cost
Private Capital Management, L.P. - Value Focus	0%	0%	No Trades Done Away	No Trades Done Away
PVG Asset Management Corporation - Loss Averse Equity Income	55%	47%	2-3 Cps	2-3 Cps
Quantitative Advantage LLC - Global Balanced 60/40 (m)	0%	0%	No Trades Done Away	No Trades Done Away
Quantitative Advantage LLC - Global Balanced 80/20 (m)	0%	0%	No Trades Done Away	No Trades Done Away
Quantitative Advantage LLC - Global Balanced Flex - Growth	0%	0%	No Trades Done Away	No Trades Done Away
Quantitative Advantage LLC - Global Balanced Flex - Moderate (m)	0%	0%	No Trades Done Away	No Trades Done Away
Quantitative Advantage LLC - Global Equity Flex	0%	0%	No Trades Done Away	No Trades Done Away
Quantitative Advantage LLC - Tactical All-Market (ETFs) (m)	0%	0%	No Trades Done Away	No Trades Done Away
Reaves Asset Management - Long-Term Value	0%	0%	No Trades Done Away	No Trades Done Away
Reinhart Partners, Inc. - Active Intermediate Fixed Income	95%	95%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - All-Cap Equity	0%	0%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - High Quality Corp-Only Fixed Income	95%	95%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - Limited Duration Fixed Income	95%	95%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - Mid-Cap Private Market Value (m)	0%	0%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - SMID-Cap Private Market Value	0%	0%	No Additional Cost	No Additional Cost
Renaissance Investment Management - International Equity (All-Cap Growth ADR) (m)	0%	0%	No Trades Done Away	No Trades Done Away
Renaissance Investment Management - Large-Cap Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Richmond Capital Management - 1-3 Year Govt./Corporate	100%	100%	No Additional Cost	No Additional Cost
Richmond Capital Management - Core Govt/Corporate	100%	100%	No Additional Cost	No Additional Cost
Richmond Capital Management - Intermediate Defensive	100%	100%	No Additional Cost	No Additional Cost
Riverbridge Partners LLC - All-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Riverbridge Partners LLC - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
RNC Genter Capital Management - Municipal Quality Intermediate	100%	100%	No Additional Cost	No Additional Cost
RNC Genter Capital Management - Taxable Quality Intermediate	100%	100%	No Additional Cost	No Additional Cost
Roosevelt Investment Group - ACC/CIP Blend	0%	0%	No Trades Done Away	No Trades Done Away
Roosevelt Investment Group - All-Cap Core (Equity) (m)	0%	0%	No Trades Done Away	No Trades Done Away
Roosevelt Investment Group - Current Income Portfolio (CIP)	0%	0%	No Trades Done Away	No Trades Done Away
RSW Investments LLC - Low Duration Muni (Tax Exempt)	100%	100%	No Additional Cost	No Additional Cost
Sage Advisory Services, Ltd. Co. - All-Cap Equity Plus Tactical ETF (m)	0%	0%	No Trades Done Away	No Trades Done Away
Sage Advisory Services, Ltd. Co. - Conservative Tactical ETF (m)	0%	0%	No Trades Done Away	No Trades Done Away
Sage Advisory Services, Ltd. Co. - Core Municipal Fixed Income	100%	100%	No Additional Cost	No Additional Cost

Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Sage Advisory Services, Ltd. Co. - Core Plus Fixed Income Tactical ETF (m)	0%	0%	No Trades Done Away	No Trades Done Away
Sage Advisory Services, Ltd. Co. - Core Taxable Fixed Income-Govt./Credit	100%	100%	No Additional Cost	No Additional Cost
Sage Advisory Services, Ltd. Co. - Growth Tactical ETF (m)	0%	0%	No Trades Done Away	No Trades Done Away
Sage Advisory Services, Ltd. Co. - Intermediate Municipal Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Sage Advisory Services, Ltd. Co. - Intermediate Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Sage Advisory Services, Ltd. Co. - Moderate Growth Tactical ETF (m)	0%	0%	No Trades Done Away	No Trades Done Away
Sage Advisory Services, Ltd. Co. - Moderate Tactical ETF (m)	0%	0%	No Trades Done Away	No Trades Done Away
Sage Advisory Services, Ltd. Co. - Short-Term Taxable (1-3 yr.) Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Santa Barbara Asset Management - Dividend Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Schafer Cullen Capital Management, Inc. - Emerging Markets High Dividend	0%	2%	No Trades Done Away	2-3 Cps
Schafer Cullen Capital Management, Inc. - High Dividend Value Equity (m)	2%	10%	No Additional Cost	No Additional Cost
Schafer Cullen Capital Management, Inc. - International High Dividend Value Equity	1%	3%	No Additional Cost	No Additional Cost
Schafer Cullen Capital Management, Inc. - International High Dividend Value Equity - ADR (m)	0%	4%	No Trades Done Away	No Additional Cost
Schafer Cullen Capital Management, Inc. - Value Equity (m)	0%	0%	No Trades Done Away	No Trades Done Away
SeaCap Investment Advisors - National Intermediate Municipal	100%	100%	No Additional Cost	No Additional Cost
Seix Investment Advisors LLC - High Yield Bond	100%	100%	No Additional Cost	No Additional Cost
Seizert Capital Partners - Core Equity	0%	0%	No Additional Cost	No Additional Cost
Seizert Capital Partners - Large-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Sheets Smith Wealth Management Inc. - Absolute Return Balanced	0%	0%	No Additional Cost	No Additional Cost
Shelton Capital Management - Diversified ETF Balanced	0%	0%	No Additional Cost	No Additional Cost
Shelton Capital Management - Option Overlay	0%	0%	No Additional Cost	No Additional Cost
SMC Fixed Income Management A Division of SMC LP - Municipal Intermediate	100%	100%	No Additional Cost	No Additional Cost
SMH Capital Advisors, Inc. - Diversified Income	100%	100%	No Additional Cost	No Additional Cost
SMH Capital Advisors, Inc. - High Income	100%	100%	No Additional Cost	No Additional Cost
Snow Capital Management L.P. - All-Cap Value	33%	17%	1-2 Cps	1-2 Cps
Spectrum Asset Management, Inc. - Preferred with Capital Securities (m)	40%	45%	No Additional Cost	No Additional Cost
Spectrum Asset Management, Inc. - Tax-Advantaged Preferred Securities (m)	40%	45%	No Additional Cost	No Additional Cost
Stadion Money Management, Inc. - Tactical Defensive	90%	97%	0-1 Cps	0-1 Cps
Steinberg Asset Management LLC - All-Cap Value Equity	0%	0%	No Additional Cost	No Additional Cost
Sterling Advisors - Large Cap Core Opportunistic Equity	0%	0%	No Trades Done Away	No Trades Done Away
Sterling Capital Mgmt. LLC - Intermediate Municipals	0%	70%	No Additional Cost	No Additional Cost
Stonebridge Advisors LLC - Standard Taxable Preferred Securities (m)	50%	50%	No Additional Cost	No Additional Cost
Stonebridge Advisors LLC - Tax-Advantaged QDI Preferred Securities (m)	50%	50%	No Additional Cost	No Additional Cost
Strategy Asset Managers LLC - Worldwide Balanced	0%	0%	No Additional Cost	No Additional Cost
Strategy Asset Managers LLC - Worldwide Equity	0%	0%	No Additional Cost	No Additional Cost
Templeton Financial Services - Intermediate Taxable Muni	90%	90%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
Masters/DMA/PAN Cleared - Manager Self Reported Trade Away Cost



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Templeton Financial Services - Tax-Free Intermediate	90%	90%	No Additional Cost	No Additional Cost
The London Company - Income Equity (m)	0%	0%	No Trades Done Away	No Trades Done Away
The London Company - Large Cap Core (m)	0%	0%	No Trades Done Away	No Trades Done Away
The London Company - Small Cap	0%	0%	No Trades Done Away	No Trades Done Away
The London Company - Small-Mid Cap	10%	3%	No Additional Cost	No Additional Cost
Thornburg Investment Mgmt., Inc. - International Core ADR	94%	82%	3+ Cps	2-3 Cps
Thornburg Investment Mgmt., Inc. - Limited Term Municipal Strategy	100%	100%	No Additional Cost	No Additional Cost
Tocqueville Asset Management - International Multi Cap Equity	0%	0%	No Additional Cost	No Additional Cost
Todd Asset Management LLC - International Intrinsic Value	0%	0%	No Additional Cost	No Additional Cost
Tom Johnson Investment Management, LLC - Core Balanced	0%	1%	No Additional Cost	No Additional Cost
Tom Johnson Investment Management, LLC - Core Equity	0%	0%	No Additional Cost	No Additional Cost
Tom Johnson Investment Management, LLC - Diversified Stock Income	0%	0%	No Additional Cost	No Additional Cost
Tom Johnson Investment Management, LLC - Intermediate Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Tower Bridge Advisors - Large-Cap GARP	0%	0%	No Trades Done Away	No Trades Done Away
Tributary Capital Management - Small-Cap SMA (m)	0%	0%	No Additional Cost	No Additional Cost
Trillium Asset Management Corp. - Trillium All Cap Core – SRI	0%	0%	No Trades Done Away	No Trades Done Away
Trillium Asset Management Corp. - Trillium Large Cap Core – SRI	0%	0%	No Trades Done Away	No Trades Done Away
Uniplan Investment Counsel, Inc. - High Income Total Return	0%	0%	No Additional Cost	No Additional Cost
Uniplan Investment Counsel, Inc. - High Income Total Return (non K-1)	0%	0%	No Additional Cost	No Additional Cost
Uniplan Investment Counsel, Inc. - REIT	0%	0%	No Additional Cost	No Additional Cost
Victory - INCORE Investment-Grade Convertible Securities	77%	68%	0-5 Bps	0-5 Bps
Voya Investment Management - Intermediate Fixed Income	70%	64%	No Additional Cost	No Additional Cost
Voya Investment Management - Strategic Fixed Income	37%	46%	No Additional Cost	No Additional Cost
Wasmer, Schroeder & Company, Inc. - Intermediate Tax-Exempt Fixed Income (ITTE)	0%	0%	No Additional Cost	No Additional Cost
WBI Investments - Retirement Income	99%	94%	No Additional Cost	No Additional Cost
WBI Investments - Tactical Balanced	98%	95%	No Additional Cost	No Additional Cost
WBI Investments - Tactical Dividend Growth	98%	94%	No Additional Cost	No Additional Cost
WBI Investments - Tactical Dividend Income	97%	94%	No Additional Cost	No Additional Cost
WCM Investment Management - Focused Growth International	0%	0%	No Additional Cost	No Additional Cost
Wedgewood Partners, Inc. - Large-Cap Focused Growth (m)	0%	0%	No Additional Cost	No Additional Cost
Wellesley Investment Advisors, Inc. - Convertible Bond	90%	90%	No Additional Cost	No Additional Cost
Wells Capital Management, Inc. - CoreBuilder Municipal Income	48%	48%	No Additional Cost	No Additional Cost
Wells Capital Management, Inc. - U.S. Equity All-Cap	0%	0%	No Trades Done Away	No Trades Done Away
WestEnd Advisors - Global Balanced	0%	0%	No Trades Done Away	No Trades Done Away
WestEnd Advisors - Global Equity	0%	0%	No Trades Done Away	No Trades Done Away
WestEnd Advisors - Large-Cap Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
Western Asset Management Company - Core Plus SMA	100%	100%	No Additional Cost	No Additional Cost
Western Asset Management Company - Core Portfolio (WDCR)	100%	100%	No Additional Cost	No Additional Cost
Western Asset Management Company - Current Market Muni (Nat'l.) (WM3)	100%	100%	No Additional Cost	No Additional Cost
Wilbanks Smith & Thomas Asset Mgmt. - WST Asset Manager – U.S. Bond (m)	90%	90%	0-1 Cps	0-1 Cps
Williams, Jones and Associates - Equity Oriented	0%	0%	No Trades Done Away	No Trades Done Away
Williams, Jones and Associates - Equity Oriented (Balanced) Composite	4%	7%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
Masters/DMA/PAN Cleared - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Windhaven Investment Management - Diversified Growth (ETFs)	74%	86%	0-1 Cps	0-1 Cps
Winslow Asset Management, Inc. - All-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Winslow Asset Management, Inc. - Small-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Winslow Capital Management - Large-Cap Growth (m)	0%	0%	No Trades Done Away	No Trades Done Away
Woodley Farra Manion Portfolio Mgmt., Inc. - Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Zacks Investment Management - All-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Zacks Investment Management - Dividend Strategy	0%	0%	No Additional Cost	No Additional Cost
Ziegler Capital Management - FAMCO Group - Hedged Core Equity (Large-Cap Core)	0%	0%	No Trades Done Away	No Trades Done Away
Ziegler Capital Management - Red Granite Large-Cap Growth (m)	0%	0%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitible - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
1919 Investment Counsel - Quality Growth	0%	0%	No Trades Done Away	No Trades Done Away
1919 Investment Counsel - SRI Fossil Free	0%	0%	No Trades Done Away	No Trades Done Away
Abner, Herrman & Brock LLC - Balanced (50 Eq / 50 Fxd)	50%	50%	No Additional Cost	No Additional Cost
Abner, Herrman & Brock LLC - Large-Cap Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
ACR Alpine Capital Research - EQR Equity Quality Return	0%	0%	No Additional Cost	No Additional Cost
Advanced Investment Partners LLC - All Cap (TaxManaged)	0%	0%	No Trades Done Away	No Trades Done Away
Affinity Investment Advisors LLC - Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
AIS Capital Management - TAAP	0%	0%	No Trades Done Away	No Trades Done Away
AI Frank Asset Management, Inc. - Multi-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Albion Financial Group - Core All-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Alexandria Capital LLC - Multi-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Alger Management, Inc. - Capital Appreciation	0%	0%	No Trades Done Away	No Trades Done Away
Alger Management, Inc. - Small-/Mid-Cap Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
Alhambra Investment Partners, LLC - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
AllianceBernstein LP - Municipal High Quality	85%	85%	No Additional Cost	No Additional Cost
AllianceBernstein LP - Strategic Research (Large-Cap Core)	0%	0%	No Trades Done Away	No Trades Done Away
AllianceBernstein LP - Strategic Research Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Alta Capital Management - Large-Cap Growth Balanced	59%	72%	3+ Cps	2-3 Cps
Altman Investment Management LLC - Core Value Equity (Large-Cap)	0%	0%	No Trades Done Away	No Trades Done Away
Ambassador Advisors LLC - Conservative - Income	0%	0%	No Trades Done Away	No Trades Done Away
American Capital Advisory LLC - Monarch 23	0%	0%	No Trades Done Away	No Trades Done Away
AMI Asset Management Corporation - Large Cap Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
AMI Investment Management, Inc. - Tax-Exempt Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Anchor Capital Advisors LLC - All-Cap Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Anchor Capital Advisors LLC - Domestic Fixed	99%	100%	No Additional Cost	No Additional Cost
Anchor Capital Advisors LLC - Focused Value	0%	0%	No Trades Done Away	No Trades Done Away
Anchor Capital Advisors LLC - Select Dividend	0%	0%	No Trades Done Away	No Trades Done Away
Anchor Capital Advisors LLC - Small-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Ancora Advisors LLC - Large-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Argent Capital Management LLC - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Ariel Investments LLC - Mid-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Aronson+Johnson+Ortiz - Large Cap – Absolute Value Tax Aware Concentrated	100%	100%	1-2 Cps	0-1 Cps
Ascent Investment Partners - Tax-Exempt Fixed Income	99%	99%	No Additional Cost	No Additional Cost
Ashfield Capital Partners LLC - Balanced Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Ashfield Capital Partners LLC - Large-Cap Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
Asset Growth Partners LLC - AGP Global Low Volatility	0%	0%	No Trades Done Away	No Trades Done Away
Asset Growth Partners LLC - AGP US Low Volatility	0%	0%	No Trades Done Away	No Trades Done Away
Asset Preservation Advisors - Ultra Short Tax Exempt Strategy	100%	100%	No Additional Cost	No Additional Cost
Astor Investment Management LLC - Active Income ETF	19%	34%	0-1 Cps	0-1 Cps
Atlantic Trust Private Wealth Management - AIM Large-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Avenir Corporation - All-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Baker Avenue Asset Management - All-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Bartlett & Company - Basic Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Bartlett & Company - Intermediate Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Bartlett & Company - Municipal Bonds	0%	0%	No Trades Done Away	No Trades Done Away
Bartlett & Company - Relative Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Becker Capital Management, Inc. - Balanced	23%	20%	No Additional Cost	No Additional Cost
BiscayneAmericas Advisers LLC - Capital Preservation	100%	100%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
BiscayneAmericas Advisers LLC - Custom Global Fixed Income (EM)	100%	100%	No Additional Cost	No Additional Cost
BiscayneAmericas Advisers LLC - EM FI Cap Appreciation	0%	0%	No Trades Done Away	No Trades Done Away
BiscayneAmericas Advisers LLC - Global Multi-Asset Strategy	100%	100%	2-3 Cps	2-3 Cps
BiscayneAmericas Advisers LLC - Ultra Short Term Global High Grade	100%	100%	No Additional Cost	No Additional Cost
BlackRock, Inc. - Global Dividend SMA (ADR only)	0%	0%	No Trades Done Away	No Trades Done Away
BlackRock, Inc. - Large Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
BlackRock, Inc. - Short-Term Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Boston Advisors LLC - Concentrated Core (Large-Cap Core)	0%	0%	No Additional Cost	No Additional Cost
Boston Advisors LLC - Custom Equity	0%	0%	No Additional Cost	No Additional Cost
Bowling Portfolio Management LLC - Large-Cap Core Value	0%	0%	No Trades Done Away	No Trades Done Away
Bowling Portfolio Management LLC - Small Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Boyd Watterson Asset Management LLC - Disciplined Core Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Boyd Watterson Asset Management LLC - Intermediate Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Boyd Watterson Asset Management LLC - Intermediate Municipal	100%	100%	No Additional Cost	No Additional Cost
Boyd Watterson Asset Management LLC - International ADR Equity	0%	0%	No Additional Cost	No Additional Cost
Boyd Watterson Asset Management LLC - Managed Income Solution (Munis)	0%	0%	No Additional Cost	No Additional Cost
Brandes Investment Partners, L.P. - International Mid-Cap Value	40%	56%	10-15 Bps	10-15 Bps
Brandes Investment Partners, L.P. - International Small-Cap Equity	61%	42%	10-15 Bps	10-15 Bps
Breckinridge Capital Advisors, Inc. - Intermediate Government Credit	99%	99%	No Additional Cost	No Additional Cost
Breckinridge Capital Advisors, Inc. - Tax Exempt Only Strategy	99%	99%	No Additional Cost	No Additional Cost
Broadleaf Partners LLC - Growth Equity	0%	0%	No Additional Cost	No Additional Cost
BTIM-Walden Asset Management - Walden - Core Equity	N/A	0%	N/A	No Trades Done Away
BTR Capital Management - Multi-Cap Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Buckley Muething Capital Mgmt. Co. - Conservative Equity	0%	0%	No Trades Done Away	No Trades Done Away
Bush O'Donnell Investment Advisors, Inc. - Master Limited Partnerships, Concentrated	0%	0%	No Trades Done Away	No Trades Done Away
C.S. McKee L.P. - Absolute Return			No Additional Cost	No Additional Cost
Calamos Investments LLC - Calamos Convertible	91%	93%	No Additional Cost	No Additional Cost
Calamos Investments LLC - Convertibles	98%	94%	No Additional Cost	No Additional Cost
Cambridge Financial Group, Inc. - Aggressive Equity	0%	0%	No Additional Cost	No Additional Cost
Cambridge Financial Group, Inc. - Balanced Equity	0%	0%	No Additional Cost	No Additional Cost
Cambridge Financial Group, Inc. - Core Equity	0%	0%	No Additional Cost	No Additional Cost
Capital Bank & Trust/Capital Guardian - U.S. Equity Separately Managed	0%	0%	No Trades Done Away	No Trades Done Away
Capital Fiduciary Advisors, LLC - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Capital Group - World Dividend Growers SMA	2%	1%	5-10 Bps	5-10 Bps
Capital Investment Services of America, Inc. - Custom Balanced (Growth)	0%	0%	No Trades Done Away	No Trades Done Away
Capital Investment Services of America, Inc. - Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Capital Investment Services of America, Inc. - Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
Caprin Asset Management LLC - Core Plus ETF	60%	80%	0-1 Cps	0-1 Cps
Caprin Asset Management LLC - Intermediate Muni - National	89%	98%	0-1 Cps	0-1 Cps
Caprin Asset Management LLC - Municipal and Taxable Blend	67%	100%	0-1 Cps	0-1 Cps
Caprin Asset Management LLC - Tactical Muni ETF	83%	100%	0-1 Cps	0-1 Cps
Caprin Asset Management LLC - Tactical Opportunity ETF	79%	78%	0-1 Cps	0-1 Cps

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitible - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Capstone Asset Management Co. - Balanced Core (30% Equity / 70% Fixed Income)	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Core Equity Large-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Corporate Bond	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Custom Balanced	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Custom Equity Indexation	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Fixed Income - 60% Corporate / 40% Muni	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Fixed Income Total Return (Government/Credit Bond)	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Intermediate Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Municipal Balanced (Custom)	0%	0%	No Additional Cost	No Additional Cost
Capstone Asset Management Co. - Short-Term Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Cardinal Capital Management, Inc. - U.S. Equity (All-Cap Core)	0%	0%	No Additional Cost	No Additional Cost
Carl Domino, Inc. - Large-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Cashen Investment Advisors, Inc. - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
CCM Investment Advisers LLC - Core Balanced Plus	0%	0%	No Additional Cost	No Additional Cost
CCM Investment Advisers LLC - Fixed Income	0%	0%	No Additional Cost	No Additional Cost
CCM Investment Advisers LLC - Fixed Income (Muni)	0%	0%	No Additional Cost	No Additional Cost
CCM Investment Advisers LLC - Low Risk Balanced	0%	0%	No Additional Cost	No Additional Cost
CCM Investment Advisers LLC - Moderate Risk Balanced	0%	0%	No Additional Cost	No Additional Cost
CCM Investment Advisers LLC - Total Return (All-Cap Core Balanced)	0%	0%	No Additional Cost	No Additional Cost
Center Coast Capital Advisors, LP - MLP Buy & Hold	0%	0%	No Additional Cost	No Additional Cost
CenterSquare Investment Management - REIT	0%	0%	No Additional Cost	No Additional Cost
Chartwell Investment Partners - Intermediate Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Chartwell Investment Partners - Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Chartwell Investment Partners - SMID Value	0%	0%	No Trades Done Away	No Trades Done Away
Chase Investment Counsel Corp. - Large-Cap Growth	100%	100%	No Additional Cost	No Additional Cost
Check Capital Management, Inc. - Equity Income Program	0%	0%	No Trades Done Away	No Trades Done Away
Check Capital Management, Inc. - Quality Growth Program	0%	0%	No Trades Done Away	No Trades Done Away
Churchill Management Group - Equity Dividend Income	2%	0%	0-1 Cps	No Trades Done Away
Churchill Management Group - Equity Growth and Value	0%	0%	No Trades Done Away	No Trades Done Away
Churchill Management Group - ETF Sector Rotation	0%	0%	No Trades Done Away	No Trades Done Away
Churchill Management Group - Maximum Growth Tactical	0%	0%	No Trades Done Away	No Trades Done Away
Churchill Management Group - Premier Wealth Tactical Core/ETF Sector Rotation Hybrid	9%	2%	0-1 Cps	0-1 Cps
Churchill Management Group - Tactical Opportunity	0%	0%	No Trades Done Away	No Trades Done Away
Cincinnati Asset Management, Inc. - High Yield Bond Program	100%	100%	No Additional Cost	No Additional Cost
City National Rochdale - Relative Value	0%	0%	No Trades Done Away	No Trades Done Away
City National Rochdale - Traditional Value	0%	0%	No Trades Done Away	No Trades Done Away
Clark Capital Management Group, Inc. - Navigator All Cap	0%	0%	No Additional Cost	No Additional Cost
Clark Capital Management Group, Inc. - Navigator Global Equity ETF / Fixed Income Total Return	0%	0%	No Additional Cost	No Additional Cost
Clark Capital Management Group, Inc. - Navigator Global Opportunity	0%	0%	No Additional Cost	No Additional Cost
Clark Capital Management Group, Inc. - Navigator International Equity ADR	0%	0%	No Additional Cost	No Additional Cost
ClearBridge Investments, LLC - Custom Balanced	67%	100%	0-1 Cps	0-1 Cps
ClearBridge Investments, LLC - Custom Equity	39%	45%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Custom Municipal	100%	100%	No Additional Cost	No Additional Cost
ClearBridge Investments, LLC - Custom Taxable Fixed / Muni Blend	100%	100%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
ClearBridge Investments, LLC - Custom Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
ClearBridge Investments, LLC - International Value ADR (WNVI)	76%	90%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Large-Cap Growth (WNLG)	66%	57%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Large-Cap Growth ESG (WSLG)	79%	82%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Large-Cap Value (WNLV)	50%	86%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Multi-Cap Growth ESG (WSMG)	83%	92%	1-2 Cps	1-2 Cps
ClearBridge Investments, LLC - Small-Cap Value (WDSV)	68%	51%	0-1 Cps	No Additional Cost
CoBiz Wealth LLC - Large-Cap Core	0%	0%	No Additional Cost	No Additional Cost
CoBiz Wealth LLC - Municipal Blend - 40% S&P 500 / 60% BC Muni	0%	0%	No Additional Cost	No Additional Cost
CoBiz Wealth LLC - Municipal Blend - 75% S&P 500 / 25% BC Muni	0%	0%	No Additional Cost	No Additional Cost
CoBiz Wealth LLC - Municipals	0%	0%	No Additional Cost	No Additional Cost
Columbia Mgmt. Inv. Advisers (Seligman) - Select Small-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Columbia Mgmt. Inv. Advisers LLC - Large-Cap Growth Equity	0%	0%	No Additional Cost	No Additional Cost
Columbus Circle Investors - Mid-Cap Growth	1%	1%	No Additional Cost	No Additional Cost
Conestoga Capital Advisors, LLC - Small Cap Growth	0%	100%	No Trades Done Away	3+ Cps
Confluence Investment Management LLC - Asset Allocation Aggressive Growth ETF	0%	0%	No Additional Cost	No Additional Cost
Confluence Investment Management LLC - Asset Allocation Growth ETF	0%	0%	No Additional Cost	No Additional Cost
Confluence Investment Management LLC - Custom Balanced	1%	0%	0-1 Cps	No Additional Cost
Confluence Investment Management LLC - Custom Balanced 30% Equity / 70% Fixed	1%	0%	0-1 Cps	No Additional Cost
Confluence Investment Management LLC - Custom Balanced 50% Equity / 50% Fixed	1%	0%	0-1 Cps	No Additional Cost
Confluence Investment Management LLC - Custom Balanced 60% Equity / 40% Fixed	1%	0%	0-1 Cps	No Additional Cost
Confluence Investment Management LLC - Custom Balanced 70% Equity / 30% Fixed	1%	0%	0-1 Cps	No Additional Cost
Confluence Investment Management LLC - Global Macro ETF	0%	0%	No Additional Cost	No Additional Cost
Congress Asset Management Co. - Balanced Large Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Congress Asset Management Co. - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Connors Investor Services, Inc. - Hedged Equities / Fixed Income Mix	0%	0%	No Trades Done Away	No Trades Done Away
Convergence Inv. Partners LLC - Broad Market Unbiased Index	0%	0%	No Trades Done Away	No Trades Done Away
Copeland Capital Management, LLC - Large Cap Dividend Growth	0%	0%	No Additional Cost	No Additional Cost
Copeland Capital Management, LLC - Large-Cap Balanced	0%	0%	No Additional Cost	No Additional Cost
Copeland Capital Management, LLC - Large-Cap Equity	0%	0%	No Additional Cost	No Additional Cost
Councilmark Asset Management LLC - Custom Balanced	0%	0%	No Additional Cost	No Additional Cost
Crawford Investment Counsel - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Credit Suisse Asset Management - Volaris Volatility Income	0%	0%	No Trades Done Away	No Trades Done Away
Croft Leominster, Inc. - Balanced Large-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Cubic Asset Management LLC - All-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Cullen, Fortier Asset Management - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Cullinan Associates, Inc. - BuyWriting	0%	0%	No Additional Cost	No Additional Cost
Cumberland Advisors - Global Equity ETFs	1%	1%	No Additional Cost	No Additional Cost
Cumberland Advisors - Global Multi-Asset Class (ETFs)	1%	1%	No Additional Cost	No Additional Cost
Cumberland Advisors - Income Oriented Tax-Free Municipal Bonds	100%	100%	No Additional Cost	No Additional Cost
Cumberland Advisors - International Exchange-Traded Funds (ETFs)	1%	1%	No Additional Cost	No Additional Cost
Cumberland Advisors - Master Limited Partnership (MLP)	1%	1%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Cumberland Advisors - Tactical Trend Allocation	1%	1%	No Additional Cost	No Additional Cost
Cumberland Advisors - Tax Free Tactical Hedge	83%	79%	No Additional Cost	No Additional Cost
Cumberland Advisors - Taxable/Municipal Blend	100%	100%	No Additional Cost	No Additional Cost
Cumberland Advisors - Tax-Free Municipal Duration Neutral	80%	78%	No Additional Cost	No Additional Cost
Cumberland Advisors - Total Return Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Cumberland Advisors - Total Return Tax-Free Municipal Bonds	100%	100%	No Additional Cost	No Additional Cost
Cumberland Advisors - U.S. Exchange-Traded Funds (ETFs)	1%	1%	No Additional Cost	No Additional Cost
Cushing Asset Management - Cushing MLP Alpha Total Return	0%	0%	No Additional Cost	No Additional Cost
Cutler Investment Group - Equity Income	0%	0%	No Additional Cost	No Additional Cost
Cyrus J. Lawrence LLC. - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
D.F. Dent & Company - Mid-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Dana Investment Advisors, Inc. - All-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Dana Investment Advisors, Inc. - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Dana Investment Advisors, Inc. - Limited Volatility I	0%	0%	No Trades Done Away	No Trades Done Away
Dana Investment Advisors, Inc. - Small-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Davidson & Garrard, Inc. - Large-Cap Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Dean Investment Associates LLC - Balanced Large-Cap 50	0%	0%	No Additional Cost	No Additional Cost
Dean Investment Associates LLC - Balanced Large-Cap 70	0%	0%	No Additional Cost	No Additional Cost
Dean Investment Associates LLC - Balanced Large-Cap 80	0%	0%	No Additional Cost	No Additional Cost
Dean Investment Associates LLC - Large Cap 60	0%	0%	No Additional Cost	No Additional Cost
Dean Investment Associates LLC - Multi-Cap 80	0%	0%	No Additional Cost	No Additional Cost
Dean Investment Associates LLC - Multi-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Dean Investment Associates LLC - Municipal Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Dearborn Partners LLC - Core Rising Dividend	0%	0%	No Trades Done Away	No Trades Done Away
Delaware Investments (Equ) - Bennett Lawrence - All Cap Growth Equity	0%	0%	No Additional Cost	No Trades Done Away
Delaware Investments (Equ) - Bennett Lawrence - Small-Cap Growth	0%	0%	No Additional Cost	No Trades Done Away
Delaware Investments (FI) - Intermediate Aggregate - AAA	99%	99%	No Additional Cost	No Additional Cost
Delta Capital Management LLC - Large-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Diamond Hill Capital Management, Inc. - Large-Cap Balanced	100%	100%	No Additional Cost	No Additional Cost
Dixon, Hubard, Feinour & Brown, Inc. - Large-Cap Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
Dodge & Cox - Custom Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Dodge & Cox - Equity	0%	0%	No Trades Done Away	No Trades Done Away
Dorsey, Wright & Associates LLC - All-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Dorsey, Wright & Associates LLC - Focus Five	0%	0%	No Additional Cost	No Additional Cost
Dorsey, Wright & Associates LLC - Socially Responsible - All-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Dorsey, Wright & Associates LLC - Systematic Relative Strength Aggressive	0%	0%	No Additional Cost	No Additional Cost
Dorsey, Wright & Associates LLC - Systematic Relative Strength Balanced	0%	0%	No Additional Cost	No Additional Cost
Dorsey, Wright & Associates LLC - Systematic Relative Strength Core	0%	0%	No Additional Cost	No Additional Cost
Dorsey, Wright & Associates LLC - Systematic Relative Strength International	0%	0%	No Additional Cost	No Additional Cost
Dover Partners, Inc. - Large-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Dreman Value Management LLC - Large-Cap Value Equity	0%	0%	No Additional Cost	No Additional Cost
Driehaus Capital Management LLC - Micro-Cap Growth	100%	100%	1-2 Cps	1-2 Cps
DSM Capital Partners LLC - Large-Cap Growth	79%	83%	0-5 Bps	5-10 Bps
DT Investment Partners, LLC - Conservative Growth and Income	0%	0%	No Trades Done Away	No Trades Done Away
DT Investment Partners, LLC - Intermediate Fixed Income	100%	100%	No Additional Cost	No Additional Cost
DT Investment Partners, LLC - Moderate Growth and Income	0%	0%	No Trades Done Away	No Trades Done Away

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
DT Investment Partners, LLC - Ultra Conservative Growth & Income	0%	0%	No Trades Done Away	No Trades Done Away
Eads & Heald - Large-Cap Core Growth	0%	0%	No Trades Done Away	No Trades Done Away
Eads & Heald - Large-Cap Core Growth Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - All-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Balanced - 70% LCC / 30% Government	100%	100%	0-5 Bps	0-5 Bps
Eagle Asset Management - Global Tactical with Conservative Growth	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Global Tactical with Income	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Global Tactical with Moderate Growth	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Government Securities	100%	100%	0-5 Bps	0-5 Bps
Eagle Asset Management - Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Mid-Cap Growth - Institutional	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Asset Management - Select Balanced - Large Cap Core - High Quality Taxable	100%	100%	0-5 Bps	0-5 Bps
Eagle Asset Management - Short-Term Conservative	100%	100%	0-5 Bps	0-5 Bps
Eagle Asset Management - Smaller Company Strategy	0%	0%	No Trades Done Away	No Trades Done Away
Eagle Global Advisors LLC - International Equity	0%	0%	No Additional Cost	No Additional Cost
Eagle Global Advisors LLC - MLP Quality Core	0%	0%	No Additional Cost	No Additional Cost
Eagle Global Advisors LLC - MLP Total Return	0%	0%	No Additional Cost	No Additional Cost
Eagle Global Advisors LLC - U.S. Equity	0%	0%	No Additional Cost	No Additional Cost
Eaton Vance Management - Muni Ladder	100%	100%	No Additional Cost	No Additional Cost
Edgemoor Investment Advisors - Total Return	0%	0%	No Trades Done Away	No Trades Done Away
Edgewood Management LLC - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
EDMP, Inc. - Large-Cap Growth Equity	0%	0%	No Additional Cost	No Additional Cost
Epoch Investment Partners - Global Equity Yield (ADR)	0%	0%	No Trades Done Away	No Trades Done Away
Equity Investment Corporation - EIC SRI Value	0%	0%	No Additional Cost	No Additional Cost
Equity Investment Corporation - Mid-Cap Value Equity	0%	0%	No Additional Cost	No Additional Cost
Estabrook Capital Management - Custom Balanced (80/20)	0%	0%	No Trades Done Away	No Trades Done Away
Estabrook Capital Management - Socially Responsible (Large-Cap Core Value)	0%	0%	No Trades Done Away	No Trades Done Away
Eubel, Brady, & Suttman Asset Management - Balanced 50	57%	61%	10-15 Bps	10-15 Bps
Eubel, Brady, & Suttman Asset Management - Balanced 60	57%	61%	10-15 Bps	10-15 Bps
Fairfax Global Markets - ETF Growth Strategy	0%	0%	No Trades Done Away	No Trades Done Away
Fairfax Global Markets - Stock - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Fayez Sarofim - Network Accts Only - Custom All-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Federated Investors, Inc. - Strategic Value Dividend SMA (Equity Income) (m)	0%	0%	No Trades Done Away	No Trades Done Away
Ferguson Wellman Capital Mgmt., Inc. - Large-Cap Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Fiduciary Management, Inc. - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Financial Counselors, Inc. - Modified Core Fixed Income	100%	100%	No Additional Cost	No Additional Cost
First Fiduciary Investment Counsel, Inc. - Balanced	0%	0%	No Additional Cost	No Additional Cost
First Fiduciary Investment Counsel, Inc. - Large-Cap Value	0%	0%	No Additional Cost	No Additional Cost
First Light Asset Management, LLC - Health Care	1%	1%	0-5 Bps	0-5 Bps
First Trust Advisors L.P. - FTA Ibbotson Global Core	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - FTA/Ibbotson 20/80 Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - FTA/Ibbotson 60/40 Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - FTA/Ibbotson 90/10 Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - FTA/Ibbotson All Equity	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - FTA/Ibbotson International Core	0%	0%	No Trades Done Away	No Trades Done Away

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
First Trust Advisors L.P. - FTA/Ibbotson Portfolio – Balanced 75/25 (Wells Suggest)	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Large-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Large-Cap Value (FFA-WellsSuggests)	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Managed MVP Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Shriaha (Islamic) Strategy	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Small-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Taxable Fixed-Income Closed-End Fund	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Valueline #1 Timeliness (Growth - Aggressive)	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Valueline Rising Dividend	0%	0%	No Trades Done Away	No Trades Done Away
First Trust Advisors L.P. - Valueline Strategy Growth	0%	0%	No Trades Done Away	No Trades Done Away
First Wilshire Securities Management, Inc. - Small Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Flippin, Bruce & Porter, Inc. - Large-Cap Value Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Flippin, Bruce & Porter, Inc. - Large-Cap Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Forward Management LLC - Balanced U.S. Dividend	0%	0%	No Trades Done Away	No Trades Done Away
Forward Management LLC - Forward Global All Cap Balanced SMA	13%	1%	3+ Cps	3+ Cps
Forward Management LLC - Global Dividend	46%	21%	3+ Cps	3+ Cps
Forward Management LLC - International Dividend ADR	27%	43%	3+ Cps	3+ Cps
Forward Management LLC - SmallMid Core	0%	0%	No Trades Done Away	No Trades Done Away
Forward Management LLC - U.S. Dividend	0%	0%	No Trades Done Away	No Trades Done Away
Franklin Templeton Investments - Large-Cap Value Municipal Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Franklin Templeton Investments - Small-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
GAMCO Investors, Inc - Large-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
GAMCO Investors, Inc - Mid-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Gateway Investment Advisers, LLC - Flagship (Index/RA)	0%	0%	No Trades Done Away	No Trades Done Away
Gemmer Asset Management LLC - Growth	0%	0%	No Trades Done Away	No Trades Done Away
Geneva Advisors - Mid Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
GLOBALT Investments - Mid-Cap Growth	100%	100%	No Additional Cost	No Additional Cost
Good Harbor Financial, LLC - US Tactical Core	92%	98%	0-1 Cps	0-1 Cps
Gradison-Mcdonald Asset Management Co - Large-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Granahan Investment Management Inc. - GIM International ADR	0%	0%	No Trades Done Away	No Trades Done Away
Granite Investment Advisors, Inc. - Large-Cap Equity	0%	0%	No Additional Cost	No Additional Cost
Granite Investment Partners LLC - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Gratry & Company LLC - International Developed (Large-Cap Core)	0%	0%	No Trades Done Away	No Trades Done Away
Great Lakes Advisors, LLC - All Cap (Tax managed)	0%	0%	No Trades Done Away	No Trades Done Away
Great Lakes Advisors, LLC - Intermediate Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Great Lakes Advisors, LLC - Multi-Asset ETF Aggressive Growth	0%	0%	No Trades Done Away	No Trades Done Away
Great Lakes Advisors, LLC - SMidCap	0%	0%	No Trades Done Away	No Trades Done Away
Greenwich Investment Management Inc. - High Yield Fixed Income	0%	100%	No Trades Done Away	No Additional Cost
Greenwood Capital Associates LLC - All Cap Blend	0%	0%	No Trades Done Away	No Trades Done Away
Greenwood Capital Associates LLC - Balanced (Taxable)	10%	18%	No Additional Cost	No Additional Cost
Gross Investments - Balanced	32%	34%	No Additional Cost	No Additional Cost
Guyasuta Investment Advisors - Core Equity	100%	100%	0-5 Bps	0-5 Bps
GW&K Investment Management, LLC - 5-Year Municipal Bond Strategy	100%	100%	No Additional Cost	No Additional Cost
GW&K Investment Management, LLC - Short-Term Taxable Bond	100%	100%	No Additional Cost	No Additional Cost
GW&K Investment Management, LLC - Small-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Hahn Capital Management LLC - Mid-Cap Value Equity	0%	0%	No Additional Cost	No Additional Cost
HAMLIN CAPITAL MANAGEMENT, LLC - Non-Rated Muni Bonds	100%	100%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Harris Associates L.P. - Concentrated Value	100%	100%	1-2 Cps	0-1 Cps
Harris Associates L.P. - Equity Value	100%	100%	1-2 Cps	0-1 Cps
Harvest Capital Management, Inc. - Balanced Growth & Income	0%	0%	No Trades Done Away	No Trades Done Away
Harvest Capital Management, Inc. - Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
Haverford Financial Services - Large-Cap Growth Balanced	0%	0%	No Additional Cost	No Additional Cost
Haverford Financial Services - Quality Growth	0%	0%	No Additional Cost	No Additional Cost
Haverford Financial Services - Quality Municipal Bond	0%	0%	No Additional Cost	No Additional Cost
Haverford Trust Company, The - Large-Cap Core Growth Balanced	0%	0%	No Additional Cost	No Additional Cost
Haverford Trust Company, The - Large-Cap Core Growth Equity	0%	0%	No Additional Cost	No Additional Cost
Haverford Trust Company, The - Quality Fixed Income - Intermediate Govt./Credit	0%	0%	No Additional Cost	No Additional Cost
Hays Advisory LLC - International ETF	100%	100%	No Additional Cost	No Additional Cost
Hays Advisory LLC - Long-Term Growth	100%	100%	No Additional Cost	No Additional Cost
Hays Advisory LLC - Moderate Growth	100%	100%	No Additional Cost	No Additional Cost
Hays Advisory LLC - TMAC (Tactical Multi Asset Class)	100%	100%	No Additional Cost	No Additional Cost
Hays Advisory LLC - TMAC Equity Focused ft AlphaDex	100%	100%	No Additional Cost	No Additional Cost
Hays Advisory LLC - TMAC ft AlphaDex	100%	100%	No Additional Cost	No Additional Cost
Hebert Advisory Services, Inc. - Growth Account Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
HGK Asset Management, Inc. - Fixed Income Government/Credit	100%	100%	0-5 Bps	0-5 Bps
Highland Capital Management Corp. - Core Fixed-Long	96%	89%	No Additional Cost	No Additional Cost
Highland Capital Management Corp. - ICC - Large-Cap Core Value Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Highland Capital Management Corp. - ICC-Core Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Highland Capital Management Corp. - ICC-International Equity	0%	0%	No Trades Done Away	No Trades Done Away
Highland Capital Management Corp. - ICC-Large-Cap Core Value, Intl., & Fixed Income Blend	0%	0%	No Trades Done Away	No Trades Done Away
Highland Capital Management Corp. - Intermediate Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Hillman Capital Management, Inc. - Balanced Focused Advantage	0%	0%	No Additional Cost	No Additional Cost
Hillman Capital Management, Inc. - Focused Advantage Equity (All-Cap Core)	0%	0%	No Additional Cost	No Additional Cost
Hodges Capital Management - Multi-Cap Core (Long-Term Growth)	0%	0%	No Trades Done Away	No Trades Done Away
Howe and Rusling, Inc. - Balanced Growth	0%	0%	No Trades Done Away	No Trades Done Away
Howe and Rusling, Inc. - Conservative Growth	0%	0%	No Trades Done Away	No Trades Done Away
Invesco Advisers, Inc. - Large Cap Value	5%	13%	No Additional Cost	No Additional Cost
Invesco Advisers, Inc. - Mid-Cap Core	61%	84%	No Additional Cost	No Additional Cost
Invesco Aim Private Asset Mgmt., Inc. - Intrinsic Value (Large-Cap)	5%	13%	No Additional Cost	No Additional Cost
Investment Management of Virginia LLC - Select Equity Income	0%	0%	No Additional Cost	No Additional Cost
Investment Management of Virginia LLC - Small Cap Portfolio Core Equity	0%	0%	No Additional Cost	No Additional Cost
Ironwood Investment Mgmt. LLC - Small-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
J. W. Burns & Company, Inc. - Large-Cap Growth Equity	0%	0%	No Additional Cost	No Additional Cost
James Capital Alliance, Inc. - All-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
James Capital Alliance, Inc. - All-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
James Capital Alliance, Inc. - Mid-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Janus Capital Mgmt. LLC - Concentrated Growth (Large-Cap)	0%	0%	No Trades Done Away	No Trades Done Away
Janus Capital Mgmt. LLC - Perkins Mid-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Jay A. Fishman Ltd. Investment Counsel - Large-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
John Hancock Asset Management - International Value ADR	0%	0%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Johnson Investment Counsel - Balanced (Large-Cap Core)	0%	0%	No Additional Cost	No Additional Cost
Johnson Investment Counsel - Balanced All-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Johnson Investment Counsel - Equity	0%	0%	No Additional Cost	No Additional Cost
Johnson Investment Counsel - Fixed Income	0%	0%	No Additional Cost	No Additional Cost
JP Morgan Investment Management, Inc. - International ADR	0%	0%	No Additional Cost	No Additional Cost
JP Morgan Investment Management, Inc. - Intrepid Multi-Cap Core	0%	0%	No Additional Cost	No Additional Cost
JP Morgan Investment Management, Inc. - Large Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Kanawha Capital Management LLC - Core Equity	0%	0%	No Additional Cost	No Additional Cost
Karpus Investment Management - Fixed Income Management	0%	0%	No Trades Done Away	No Trades Done Away
Karpus Investment Management - Tax-Sensitive Fixed Income (Muni)	0%	0%	No Trades Done Away	No Trades Done Away
Kayne Anderson Rudnick Inv. Mgmt. LLC - Intermediate Total Return Bonds	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - International ADR	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - Large-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - Large-Cap Quality Value	0%	0%	No Additional Cost	No Additional Cost
Kayne Anderson Rudnick Inv. Mgmt. LLC - Municipal Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Keeley-Teton Advisors, LLC - Small- to Mid-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Keeley-Teton Advisors, LLC - Small-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Kennedy Capital Management - Small-Cap Retail (Core)	0%	0%	No Trades Done Away	No Trades Done Away
Kennedy Capital Management - Small-Cap Select (Core)	0%	0%	No Trades Done Away	No Trades Done Away
Keystone Wealth Advisors, LLC - Global Equity AlphaRotation	0%	0%	No Trades Done Away	No Trades Done Away
Kirr, Marbach & Co. LLC - All-Cap Equity	100%	100%	No Additional Cost	No Additional Cost
Kirr, Marbach & Co. LLC - Small-Cap Value	10%	95%	No Additional Cost	No Additional Cost
Klingenstein, Fields & Co - Wealth Management	0%	0%	No Trades Done Away	No Trades Done Away
Kopp Investment Advisors - Emerging Blend - 70% Emg Gr / 30% Total Quality Mgmt.	0%	0%	No Trades Done Away	No Trades Done Away
Kopp Investment Advisors - Emerging Growth	0%	0%	No Trades Done Away	No Trades Done Away
Kopp Investment Advisors - Total Quality Management - Institutional	0%	0%	No Trades Done Away	No Trades Done Away
Laffer Investments - Convertible	100%	100%	No Additional Cost	No Additional Cost
Laffer Investments - Convertible Income	80%	93%	No Additional Cost	No Additional Cost
Laffer Investments - Global Equity	100%	100%	No Additional Cost	No Additional Cost
Lagoda Investment Management, L.P. - Global Equity	0%	0%	No Additional Cost	No Additional Cost
Lawson Kroeker Investment Management Inc. - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Lazard Asset Management LLC - Global Equity Select with Emerging Markets	70%	70%	3+ Cps	3+ Cps
LDR Capital Management LLC - REIT Preferred Securities	100%	100%	0-1 Cps	0-1 Cps
Legacy Capital Partners, Inc. - Growth	0%	0%	No Additional Cost	No Additional Cost
Legacy Capital Partners, Inc. - Growth and Income	0%	0%	No Additional Cost	No Additional Cost
Legg Mason Capital Management, LLC - Small-Cap	0%	0%	No Trades Done Away	No Trades Done Away
Legg Mason Private Portfolio Group LLC - LM All-Cap Value Balanced (60% ACV/40%GSM7yr) (WAVC)	78%	80%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM Appreciation Bal. Tx-Fvrd (60 Apprec/40 Muni) (WABM)	52%	94%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM Appreciation Balanced (60 Apprec / 40 GSM7yr) (WABA)	52%	57%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM Bal. Income w Munis (70% Bal Inc / 30% Muni) (WBIM)	28%	83%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM Large-Cap Growth I Bal (60% LCG / 40% GSM7yr) (WLGK)	93%	98%	1-2 Cps	1-2 Cps

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*

WELLS
FARGO

ADVISORS

Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Legg Mason Private Portfolio Group LLC - LM MDA Multi-Cap Blend I (70% ACV / 30% MCG) (WDB2)	83%	93%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA0 All-Cap Blend (50% ACG / 50% ACV) (WNAB)	73%	81%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA0 All-Cap Blend-Bal. (60% AC / 40% GSM7yr) (WM0A)	81%	84%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA0 All-Cap Blend-Bal. (70% AC / 30% GSM7yr) (WM0B)	79%	85%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA0 All-Cap BlendTx-Fvrd(60ACB/40St-SpecMuni)(WN0S)	84%	72%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA0 All-Cap-Bal Tx-Fvrd (60ACB/40NatI Muni) (W0MM)	63%	80%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA0 All-Cap-Bal Tx-Fvrd (70ACB/30NatI Muni) (W0MB)	91%	99%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA1 Balanced Taxable (35% CBI LCG/35% CB	50%	54%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA1A Multi-Cap Blend II (50% ACV / 50% LCG) (WD1A)	76%	95%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA3 Bal Divs & Growth (60 Div&Gr / 40 GSM7y) (WDBD)	75%	82%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA4 Global Multi-Cap Gr. (40LCG/30MCG/30Intl)(WD4)	90%	78%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA5 Multi-Cap Blend III (40%LCG/40%LCV/20%MCG)(WD5)	68%	61%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA5A Div All-Cap Bal (60% Div/40% GSM7yr) (W5AA)	85%	85%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA7 Global Growth (30LCV/30LCG/20MCG/20Intl) (WD7)	84%	82%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA7A Gbl All Bal Tx-Fvrd (60 Gbl/40 Muni) (W7AM)	75%	79%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA7A Global All-Cap Bal (60 Gbl/40 GSM7yr) (W7AA)	68%	77%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA7A Global All-Cap(30ACV/30LCG/20MCG/20Intl)(WD7A)	79%	83%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - LM MDA8 Global All-Cap(40ACG/40ACV/20GblCurIntl)(WDM8)	50%	60%	1-2 Cps	1-2 Cps
Legg Mason Private Portfolio Group LLC - Western Asset GSM - 5 Year (WDG5)	100%	100%	No Additional Cost	No Additional Cost
Leuthold Weeden Capital Management - Select Industries	NA	43%	NA	No Additional Cost
Levin Capital Strategies, LP - Large Cap Value	0%	0%	No Additional Cost	No Additional Cost
Logan Capital Management, Inc. - Concentrated Value	0%	0%	No Trades Done Away	No Trades Done Away
Logan Capital Management, Inc. - GARP	0%	0%	No Trades Done Away	No Trades Done Away
Logan Capital Management, Inc. - Large-Cap Growth Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Loomis Sayles - Equity Research Core	100%	100%	No Additional Cost	No Additional Cost
LS Investment Advisors LLC - Core Tax-Exempt Balanced	0%	0%	No Additional Cost	No Additional Cost
LS Investment Advisors LLC - Investment Grade Bond	0%	19%	No Additional Cost	No Additional Cost
Lunt Capital Management, Inc. - Tactical 7Twelve	0%	0%	No Trades Done Away	No Trades Done Away
M&R Capital Management, Inc. - Core Value Balanced	0%	0%	No Trades Done Away	No Trades Done Away
M&R Capital Management, Inc. - Core Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Madison Investment Advisors LLC - Intermediate Corporate Only	100%	100%	No Additional Cost	No Additional Cost
Madison Scottsdale LC - Custom Blend Fixed Income Management	100%	100%	No Additional Cost	No Additional Cost
Mairs and Power, Inc. - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Mairs and Power, Inc. - Growth Fund	0%	0%	No Trades Done Away	No Trades Done Away

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Managed Asset Portfolios LLC - Balanced Composite	0%	0%	No Additional Cost	No Additional Cost
Manning & Napier Advisors, Inc. - All-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - Disciplined Value	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - Equity-Focused Blend	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - Equity-Oriented	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - Growth With Reduced Volatility	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - Intermediate Term - Municipal Bond	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - Unrestricted Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Manning & Napier Advisors, Inc. - Withdrawal from Total Return	0%	0%	No Trades Done Away	No Trades Done Away
Marble Harbor Investment Counsel LLC - Growth Strategy (Large-Cap Growth)	0%	0%	No Trades Done Away	No Trades Done Away
Marco Investment Management LLC - Total Return (Mid-Cap Core)	0%	0%	No Additional Cost	No Additional Cost
Marshfield Associates - Core Value Equity	0%	0%	No Additional Cost	No Additional Cost
Mastrapasqua Asset Mgmt., Inc. - Large-Cap Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
Matrix Asset Advisors, Inc. - Dividend Income	0%	0%	No Trades Done Away	No Trades Done Away
Matrix Asset Advisors, Inc. - Large Cap Value/Flexible Balanced	0%	0%	No Trades Done Away	No Trades Done Away
McKinley Capital Management LLC - All-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
McKinley Capital Management LLC - Global Growth (All-Cap)	0%	0%	No Additional Cost	No Additional Cost
McKinley Capital Management LLC - McKinley One (All-Cap Growth)	0%	0%	No Additional Cost	No Additional Cost
McKinley Capital Management LLC - Small-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
MD Sass Associates, Inc - 1 Year Fixed Income	97%	95%	0-5 Bps	0-5 Bps
MD Sass Associates, Inc - Core Fixed Income	99%	98%	0-5 Bps	0-5 Bps
MDT Advisers, Inc. (Federated) - All-Cap Core	0%	0%	No Additional Cost	No Additional Cost
MDT Advisers, Inc. (Federated) - All-Cap Core - Tax Aware	0%	0%	No Additional Cost	No Additional Cost
Mench Financial, Inc. - Balanced Sector Enhanced	0%	0%	No Additional Cost	No Additional Cost
Mench Financial, Inc. - Capital Preservation & Income Sector Enhanced	0%	0%	No Additional Cost	No Additional Cost
Mench Financial, Inc. - Global Sector Enhanced	0%	0%	No Additional Cost	No Additional Cost
Miller / Howard Investments, Inc. - Drill Bit to Burner Tip (without K-1s)	0%	0%	No Additional Cost	No Additional Cost
Miller / Howard Investments, Inc. - Infrastructure	0%	0%	No Additional Cost	No Additional Cost
Miller / Howard Investments, Inc. - MLP Focus	0%	0%	No Additional Cost	No Additional Cost
Miller Tabak Asset Management LLC - Custom Muni Short/Intermediate Blend (60/40)	60%	65%	No Additional Cost	No Additional Cost
Miller Tabak Asset Management LLC - Custom Muni Short/Intermediate/Enhanced (20/60/20)	60%	65%	No Additional Cost	No Additional Cost
Mitchell Capital Management - Intermediate Fixed Income	25%	16%	No Additional Cost	No Additional Cost
Montgomery Investment Management Inc. - Large-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Moody Aldrich Partners LLC - Select Equity	0%	0%	No Additional Cost	No Additional Cost
Moody, Lynn & Lieberston Inc. - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Morris Capital Advisors LLC - Large-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Morris Capital Advisors LLC - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Mount Lucas Management LP - MLM US Focused Equity	0%	0%	No Additional Cost	No Additional Cost
MPI Investment Management, Inc. - Tax-Free Municipal Bond	0%	0%	No Additional Cost	No Additional Cost
MRM Asset Allocation Group, Inc. - Dynamic Overlay w ETFs	0%	0%	No Trades Done Away	No Trades Done Away
National Investment Services, Inc. - Core Equity	0%	0%	No Additional Cost	No Additional Cost
National Investment Services, Inc. - Large-Cap Value	0%	0%	No Additional Cost	No Additional Cost
National Investment Services, Inc. - Large-Cap Value Balanced	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - All-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Dynamic MPT Portfolio	0%	0%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Navellier & Associates, Inc. - Fundamental A	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Large-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Power Dividend	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Small-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Navellier & Associates, Inc. - Vireo Global Allocation Plus featuring AlphaDEX	0%	0%	No Additional Cost	No Additional Cost
NBW Capital LLC - Growth and Income	0%	0%	No Trades Done Away	No Trades Done Away
Neosho Capital LLC - Global Emerging Opportunities	0%	0%	No Additional Cost	No Additional Cost
Neosho Capital LLC - Global Equity	0%	0%	No Additional Cost	No Additional Cost
Neuberger Berman Investment Advisers LLC - Core Fixed Income	0%	0%	N/A	N/A
Neuberger Berman Investment Advisers LLC - Large-Cap Disciplined Growth	81%	100%	\$0.030 per share	\$0.036 per share
New Potomac Partners LLC - Balanced Strategy	2%	4%	No Additional Cost	No Additional Cost
New Potomac Partners LLC - Large Cap Core	0%	0%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Active International ADR (Multi-Cap)	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Advisory Research European Sustainable Dividend	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Advisory Research Global Sustainable Dividend	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Advisory Research US Sustainable Dividend	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Aggressive Diversified Portfolio (MSP97)	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - AIA All-Cap U.S. Core Equity Plus Tax Managed	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - AIA Managed ETF Portfolio - Moderate	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - AIA S&P 1500®	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - AIA S&P 400®	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - AIA S&P ADR	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - AIA U.S. Equity Core Plus	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - AIA U.S. Equity Core Plus Tax Managed	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Conservative Diversified Portfolio (MSP93)	26%	26%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Credit Suisse Global Risk Allocation Strategy ("GRAS")	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio 3 (MSP88)	24%	24%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio 4 (MSP89)	16%	16%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio 4 w Interm. Fixed Income (MSP36)	16%	16%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio 5 (MSP90)	0%	0%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio 5 w Interm. Fixed Income (MSP50)	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio 6 (MSP91)	0%	0%	No Trades Done Away	No Trades Done Away

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio 6 w Interim. Fixed Income (MSP51)	26%	26%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio with REITs 3 (MSP80)	22%	22%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio with REITs 4 (MSP81)	13%	13%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio with REITs 5 (MSP82)	8%	8%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Diversified Portfolio with REITs 6 (MSP83)	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Holt US Large Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Loomis Large Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Moderate Aggressive Multi-Discipline (MSP52)	8%	8%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Moderate Conservative Div. Portfolio (MSP94)	20%	20%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Moderate Multi-Discipline (MSP56)	9%	9%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Moderated Diversified Portfolio (MSP95)	13%	13%	No Additional Cost	No Additional Cost
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Morgan Dempsey Small Micro Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - MRP/TGA Core Satellite SMA (Multi-strategy portfolios/U	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Natixis/Vaughan Nelson Small Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - Nicholas Partners US Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - UNASSIGNED Active Managed China ETF	0%	0%	No Trades Done Away	No Trades Done Away
NGAM Advisors, LP (includes AEW, Active Index, Harris) - UNASSIGNED-Aggressive (Large-Cap Core/AIA S&P 500)	0%	0%	No Trades Done Away	No Trades Done Away
Nicholas Company, Inc. - Equity Income	0%	0%	No Trades Done Away	No Trades Done Away
Nicholas Company, Inc. - Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Nicholas Company, Inc. - Multi-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
NorthCoast Asset Management LLC - CAN SLIM International	0%	0%	No Additional Cost	No Additional Cost
NorthCoast Asset Management LLC - Tactical ETF	0%	0%	No Additional Cost	No Additional Cost
NorthCoast Asset Management LLC - United Portfolio	0%	0%	No Additional Cost	No Additional Cost
Northern Trust Investments, Inc. - Balanced (Large-Cap Value)	0%	0%	No Trades Done Away	No Trades Done Away
Northern Trust Investments, Inc. - Value Equity Yield (Large-Cap)	0%	0%	No Trades Done Away	No Trades Done Away
Nottingham Advisors, Inc. - Diversified Index Dynamic	0%	0%	No Trades Done Away	No Trades Done Away
Nottingham Advisors, Inc. - Global All Asset	0%	0%	No Trades Done Away	No Trades Done Away
Nottingham Advisors, Inc. - Global Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Nottingham Advisors, Inc. - Global Equity	0%	0%	No Trades Done Away	No Trades Done Away
Nottingham Advisors, Inc. - Portfolio Completion ETF	0%	0%	No Trades Done Away	No Trades Done Away
Nottinghill Investment Advisors, Ltd. - Growth & Value 20 Equity (Large-Cap Core)	0%	0%	No Additional Cost	No Additional Cost
Nuance Investments, LLC - Concentrated Value	40%	0%	No Additional Cost	No Trades Done Away
Nuveen Asset Management - Domestic Large-Cap Balanced Muni	0%	0%	No Trades Done Away	No Trades Done Away
Nuveen Asset Management - Global Balanced Muni	0%	0%	No Trades Done Away	No Trades Done Away
Nuveen Asset Management - Global Large-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Nuveen Asset Management - Stable Growth	0%	0%	No Trades Done Away	No Trades Done Away

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Nuveen Asset Management - Stable Growth Balanced	0%	0%	No Trades Done Away	No Trades Done Away
NWQ Investment Management Co. LLC - Global All Cap	0%	0%	No Trades Done Away	No Trades Done Away
Oak Associates, Ltd. - Select Growth Portfolio (SGP)	0%	0%	No Trades Done Away	No Trades Done Away
Oak Ridge Investments LLC - Large-Cap Growth	2%	0%	2-3 Cps	2-3 Cps
Old West Investment Mgmt. LLC - Small-/Mid-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Opus Capital Group LLC - Small-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Orion Investment Company - All-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Osborn Rohs Williams & Donohoe - Intrinsic Value Dividend Growth	0%	0%	No Trades Done Away	No Trades Done Away
O'Shaughnessy Asset Management LLC - All-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
O'Shaughnessy Asset Management LLC - Market Leaders Value	0%	0%	No Trades Done Away	No Trades Done Away
O'Shaughnessy Asset Management LLC - Small-/Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Oxbow Advisors LLC - Balanced (All-Cap)	0%	0%	No Additional Cost	No Additional Cost
Oxbow Advisors LLC - Income Opportunities	0%	0%	No Additional Cost	No Additional Cost
Oxbow Advisors LLC - Multi-Cap Equity	0%	0%	No Additional Cost	No Additional Cost
Pacific Global Investment Management Co. - Balanced Fund	0%	0%	No Additional Cost	No Additional Cost
Palouse Capital Management, Inc. - Aggressive Equity	0%	0%	No Additional Cost	No Additional Cost
Palouse Capital Management, Inc. - Conservative Balanced	0%	0%	No Additional Cost	No Additional Cost
Palouse Capital Management, Inc. - Large-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Palouse Capital Management, Inc. - Large-Cap Value Balanced Total Return	0%	0%	No Additional Cost	No Additional Cost
Palouse Capital Management, Inc. - Large-Cap Value Total Return	0%	0%	No Additional Cost	No Additional Cost
Palouse Capital Management, Inc. - Small/Mid Value	0%	0%	No Additional Cost	No Additional Cost
Parametric Portfolio Associates - Enhanced Income	3%	2%	0-1 Cps	0-1 Cps
Parametric Portfolio Associates - Parametric Risk Advisors' (PRA) Deltashift Covered Call	0%	0%	0-1 Cps	0-1 Cps
Parametric Portfolio Associates - Tax Managed Core EAFE ADR	0%	0%	0-1 Cps	0-1 Cps
Parametric Portfolio Associates - Tax Managed Core S&P 500	0%	0%	No Additional Cost	No Additional Cost
Parametric Portfolio Associates - Tax-Advantaged Enhanced Income	3%	1%	0-1 Cps	0-1 Cps
Parametric Portfolio Associates - Tax-Managed Core - Large-Cap Growth	0%	0%	0-1 Cps	0-1 Cps
Parametric Portfolio Associates - Tax-Managed Core KLD 400	0%	0%	No Additional Cost	No Additional Cost
Parametric Portfolio Associates - Tax-Managed Custom Global	0%	0%	No Additional Cost	No Additional Cost
Parametric Portfolio Associates - Tax-Managed Large-Cap Core (Russell 1000)	0%	0%	0-1 Cps	0-1 Cps
Peninsula Asset Management, Inc. - Large-Cap Core	0%	0%	No Additional Cost	No Additional Cost
PENN Capital Management Co., Inc. - Mid-Cap Equity	90%	90%	2-3 Cps	2-3 Cps
Philadelphia Investment Management Group - Fixed Income (Interm. Govt./Credit)	0%	0%	No Additional Cost	No Additional Cost
Philadelphia Investment Management Group - Large-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Philadelphia Investment Management Group - Large-Cap Value Balanced (60/40)	0%	0%	No Additional Cost	No Additional Cost
Philadelphia Investment Management Group - Large-Cap Value Balanced (80/20)	0%	0%	No Additional Cost	No Additional Cost
Philadelphia Investment Management Group - Small-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Piedmont Investment Advisors LLC - Market Plus Enhanced Index	0%	0%	No Trades Done Away	No Trades Done Away
Piedmont Investment Advisors LLC - Yield Advantage Intermediate Government/Credit	100%	100%	No Additional Cost	No Additional Cost
Pinnacle Associates, Ltd. - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
PMG Advisors LLC - Intermediate Fixed Income	32%	58%	No Additional Cost	No Additional Cost

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 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



Portfolio	Dollar-Weighted % of Client Trades Done Away from WFA		Additional Cost Incurred by Clients (Bps or Cps)	
	2015	2016	2015	2016
Princeton Capital Management, Inc. - Core Equity (Large-Cap Core)	0%	0%	No Additional Cost	No Additional Cost
Private Capital Management, L.P. - All-Cap	0%	0%	No Trades Done Away	No Trades Done Away
PVG Asset Management Corporation - Dynamic Core	0%	0%	No Additional Cost	No Additional Cost
Quantitative Advantage LLC - Global Balanced 40/60	0%	0%	No Trades Done Away	No Trades Done Away
Quantitative Advantage LLC - Global Balanced Flex - Conservative	0%	0%	No Trades Done Away	No Trades Done Away
Quantitative Advantage LLC - Global Equity	0%	0%	No Trades Done Away	No Trades Done Away
R.M. Davis Inc. - Balanced	0%	0%	No Additional Cost	No Additional Cost
Ramsay, Stattman, Vela & Price, Inc. - Large-Cap Core	0%	0%	No Additional Cost	No Additional Cost
RBC Global Asset Mgmt. (U.S.), Inc. - Intermediate Core Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Real Estate Management Services Group LLC - Real Estate Value	0%	0%	No Trades Done Away	No Trades Done Away
Reaves Asset Management - Current Income	0%	0%	No Trades Done Away	No Trades Done Away
Redwood Investments, LLC - Socially Responsible Large-Cap	0%	0%	No Trades Done Away	No Trades Done Away
Redwood Investments, LLC - US Small Cap Growth Equity	0%	0%	No Trades Done Away	No Trades Done Away
Redwood Investments, LLC - US Small Cap Growth ESG Equity	0%	0%	No Trades Done Away	No Trades Done Away
Reinhart Partners, Inc. - Active Intermediate Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - Active Intermediate Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - Intermediate Municipal	0%	0%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - Mid-Cap Core Balanced	0%	0%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - Mid-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Reinhart Partners, Inc. - Rising Income	0%	0%	No Additional Cost	No Additional Cost
Renaissance Investment Management - Large-Cap Growth Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Renaissance Investment Management - Three-Way Asset Allocation Equity	0%	0%	No Trades Done Away	No Trades Done Away
Resource Capital Management LLC - RCM LONG 60 PORTFOLIO	0%	0%	No Trades Done Away	No Trades Done Away
RH Bluestein & Company - Balanced	0%	0%	No Additional Cost	No Additional Cost
Riazzi Asset Management LLC - All-Cap 80 Balanced	0%	0%	No Additional Cost	No Additional Cost
Riazzi Asset Management LLC - All-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Riazzi Asset Management LLC - Large-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Riazzi Asset Management LLC - Value 40 Balanced	0%	0%	No Additional Cost	No Additional Cost
Riazzi Asset Management LLC - Value 60 Balanced	0%	0%	No Additional Cost	No Additional Cost
Riverbridge Partners LLC - Small-/Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Riverbridge Partners LLC - Small-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
RK Asset Management - Relative Value	0%	0%	No Trades Done Away	No Trades Done Away
Robeco Investment Management, Inc. - Large Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Robert Bender & Associates - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Robert Bender & Associates - Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Robert K. Hather - Long/Short Market Neutral	0%	0%	No Trades Done Away	No Trades Done Away
Robshaw & Julian Associates, Inc. - Large-Cap Growth Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Rockshelter Capital Management, LLC - Value Composite	100%	100%	1-2 Cps	1-2 Cps
Roosevelt Investment Group - Intermediate Fixed Income (IFI)	0%	0%	No Trades Done Away	No Trades Done Away
Roosevelt Investment Group - Managed Income Solution (Custom)	0%	0%	No Trades Done Away	No Trades Done Away
Roosevelt Investment Group - Select Equity	0%	0%	No Trades Done Away	No Trades Done Away
RSW Investments LLC - 100% Pre-Refunded Municipal	100%	100%	No Additional Cost	No Additional Cost
RSW Investments LLC - Intermediate Duration Taxable Muni	100%	100%	No Additional Cost	No Additional Cost
RSW Investments LLC - Low Duration Taxable Muni	100%	100%	No Additional Cost	No Additional Cost
RSW Investments LLC - Market Duration Muni	100%	100%	No Additional Cost	No Additional Cost
RWB Burnham & Dells - Large-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Ryan Labs Asset Management - Custom Asset/Liability Management (Fixed Income)	100%	100%	No Additional Cost	No Additional Cost

Important Information Regarding Investment Manager Trading Practices
 PAN Non-Solicitable - *Manager Self Reported Trade Away Cost*



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	2015	2016	2015	2016
Sabrient Systems LLC - Growth at a Reasonable Price (GARP)- Quantitative	0%	0%	No Additional Cost	No Additional Cost
Sage Advisory Services, Ltd. Co. - Short-/Intermediate-Term Taxable (1-5 Yr.) Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Salient Capital Advisors LLC - MLP	0%	0%	No Additional Cost	No Additional Cost
Sands Capital Management LLC - Large-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Schafer Cullen Capital Management, Inc. - Enhanced Equity Income (Covered Calls)	0%	0%	No Trades Done Away	No Trades Done Away
Schafer Cullen Capital Management, Inc. - International Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Scholtz & Co LP - All Cap Equity	0%	0%	No Additional Cost	No Additional Cost
Schwerin Boyle Capital Management, Inc. - All-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Schwerin Boyle Capital Management, Inc. - Equity	0%	0%	No Trades Done Away	No Trades Done Away
SeaCap Investment Advisors - High Quality Taxable	100%	100%	No Additional Cost	No Additional Cost
Shaker Investments LLC - Small-/Mid-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Sheets Smith Wealth Management Inc. - Absolute Return Balanced Plus	0%	0%	No Additional Cost	No Additional Cost
Shenkman Capital Management Inc. - Convertible	100%	100%	No Additional Cost	No Additional Cost
Silvercrest Asset Management Group - Equity Income	0%	0%	No Additional Cost	No Additional Cost
SKBA Capital Management LLC - Value Opportunity (Large-Cap Value)	0%	0%	No Trades Done Away	No Trades Done Away
SKBA Capital Management LLC - Value Plus (Large-Cap Value)	0%	0%	No Trades Done Away	No Trades Done Away
Smith Asset Management Group, LP - Large Cap Focused Growth	0%	0%	No Trades Done Away	No Trades Done Away
Snow Capital Management L.P. - Large-Cap Value	0%	2%	No Trades Done Away	1-2 Cps
SNW Asset Management LLC - Blend Intermediate Fixed Income	100%	100%	No Additional Cost	No Additional Cost
SouthernSun Asset Management LLC - Small-Cap Equity	0%	0%	No Trades Done Away	No Trades Done Away
Sparrow Capital Management, Inc. - Balanced	0%	0%	No Additional Cost	No Additional Cost
Sparrow Capital Management, Inc. - Large-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
Sparrow Capital Management, Inc. - World Total Return	0%	0%	No Additional Cost	No Additional Cost
Spectrum Asset Management, Inc. - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Spectrum Asset Management, Inc. - Equity Relative Strength	100%	100%	No Trades Done Away	No Trades Done Away
Spectrum Asset Management, Inc. - Fixed Income Plus	100%	100%	No Additional Cost	No Additional Cost
Stacey Braun Associates, Inc. - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Stadion Money Management, Inc. - Managed Risk 100	98%	96%	0-1 Cps	0-1 Cps
Sterling Advisors - Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Sterling Advisors - Large Cap Value - (Stratton)	0%	0%	No Trades Done Away	No Trades Done Away
Stewardship Partners Investment Counsel, Inc. - Global Balanced Tactical BRI	0%	0%	No Trades Done Away	No Trades Done Away
Stewardship Partners Investment Counsel, Inc. - Global BRI	0%	0%	No Trades Done Away	No Trades Done Away
Stewardship Partners Investment Counsel, Inc. - Global Concentrated Tactical BRI	0%	0%	No Trades Done Away	No Trades Done Away
Stewardship Partners Investment Counsel, Inc. - Global Rising Dividends BRI	0%	0%	No Trades Done Away	No Trades Done Away
Stewardship Partners Investment Counsel, Inc. - Global Tactical BRI	0%	0%	No Trades Done Away	No Trades Done Away
Stonebridge Advisors LLC - Non-Resident Alien Qualified Portfolio	50%	50%	No Additional Cost	No Additional Cost
Stonebridge Advisors LLC - Tax-Advantaged DRD Preferred Securities	50%	50%	No Additional Cost	No Additional Cost
Stonebridge Capital Advisors LLC - Taxable Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Stonebridge Capital Advisors LLC - Tax-Exempt Fixed Income	100%	100%	No Additional Cost	No Additional Cost
Strategy Asset Managers LLC - Market-Oriented Equity	0%	0%	No Additional Cost	No Additional Cost
Strategy Asset Managers LLC - Worldwide Dividend Balanced	0%	0%	No Additional Cost	No Additional Cost
Strategy Asset Managers LLC - Worldwide Dividend Plus	0%	0%	No Additional Cost	No Additional Cost

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	2015	2016	2015	2016
Stringer Asset Management, LLC - Conservative Growth Portfolio	74%	78%	.01 or less	.01 or less
Stringer Asset Management, LLC - Growth Portfolio	88%	85%	.01 or less	.01 or less
Stringer Asset Management, LLC - Income	0%	13%	.01 or less	.01 or less
Stringer Asset Management, LLC - Moderate Growth portfolio	73%	61%	.01 or less	.01 or less
Suncoast Equity Management LLC - Equity Growth	0%	0%	No Trades Done Away	No Trades Done Away
Suncoast Equity Management LLC - Large-Cap Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Systematic Financial Management L.P. - Large-Cap Core Value	0%	0%	No Trades Done Away	No Trades Done Away
Systematic Financial Management L.P. - Large-Cap Intrinsic Value Wrap	0%	0%	No Trades Done Away	No Trades Done Away
Systematic Financial Management L.P. - Large-Cap Value Pension Wrap	0%	0%	No Trades Done Away	No Trades Done Away
Systematic Financial Management L.P. - Select Equity Wrap	0%	0%	No Trades Done Away	No Trades Done Away
Systematic Financial Management L.P. - Small Cap Value - Free Cash Flow Focus	0%	0%	No Trades Done Away	No Trades Done Away
Systematic Financial Management L.P. - Small Cap Value-Earnings Surprise	0%	0%	No Trades Done Away	No Trades Done Away
Systematic Financial Management L.P. - Small-Cap Value - Free Cash Flow Wrap	0%	0%	No Trades Done Away	No Trades Done Away
Tactical Allocation Group LLC - Tactical Moderate ETF Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
Tandem Investment Advisors, Inc. - Large Cap Core	63%	25%	0-1 Cps	0-1 Cps
Tandem Investment Advisors, Inc. - Mid-Cap Equity (Core)	56%	28%	0-1 Cps	0-1 Cps
Tandem Investment Advisors, Inc. - Tax-Deferred Equity	62%	29%	0-1 Cps	0-1 Cps
Taylor, Cottrill, Erickson & Associates - Large-Cap Value	0%	0%	No Trades Done Away	No Trades Done Away
Templeton Separately Managed Accounts - International Equity SMA	58%	55%	3+ Cps	3+ Cps
Texan Capital Management, Inc. - Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
Texan Capital Management, Inc. - Energy Equity Portfolio	0%	0%	No Trades Done Away	No Trades Done Away
Texas Institutional Investment Mgmt. LLC - All-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
The Capital Management Corp. - All-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
The Colony Group - Large-Cap	0%	0%	No Trades Done Away	No Trades Done Away
The Colony Group - Mid-Cap	0%	0%	No Trades Done Away	No Trades Done Away
Third Avenue Management LLC - Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
Thomas J. Herzfeld Advisors, Inc. - Closed-End Funds Balanced	0%	0%	No Additional Cost	No Additional Cost
Thompson, Siegel & Walmsley LLC - Balanced Value	100%	100%	No Additional Cost	No Additional Cost
Thompson, Siegel & Walmsley LLC - Large-Cap Core Balanced	100%	100%	No Additional Cost	No Additional Cost
Thompson, Siegel & Walmsley LLC - Large-Cap Value	100%	100%	No Additional Cost	No Additional Cost
Thornburg Investment Mgmt., Inc. - Large-Cap Core	45%	33%	1-2 Cps	2-3 Cps
Thornburg Investment Mgmt., Inc. - Large-Cap Value	45%	33%	1-2 Cps	2-3 Cps
Tieton Capital Management - Small-Cap Value	0%	0%	No Additional Cost	No Additional Cost
Tillar-Wenstrup Advisors LLC - Diversified Core	0%	0%	No Additional Cost	No Additional Cost
Tillar-Wenstrup Advisors LLC - Diversified Core Balanced	0%	0%	No Additional Cost	No Additional Cost
Tillar-Wenstrup Advisors LLC - Large-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Timucuan Asset Management, Inc. - Concentrated Value Equity	0%	0%	No Additional Cost	No Additional Cost
Tollefson and Company Investment Mgmt., LLC - GARP (Large-Cap Core)	0%	0%	No Trades Done Away	No Trades Done Away
Tom Johnson Investment Management, LLC - Fixed Income	0%	0%	No Additional Cost	No Additional Cost
Tortoise Capital Advisors LLC - Tax-Advantaged Income Using MLPs	100%	100%	1-2 Cps	1-2 Cps
Tower Bridge Advisors - Balanced GARP	0%	0%	No Trades Done Away	No Trades Done Away
Tower Bridge Advisors - Conservative Fixed Income	0%	0%	No Trades Done Away	No Trades Done Away
Tradition Capital Management LLC - All Cap Advantage	0%	0%	No Trades Done Away	No Trades Done Away
Tradition Capital Management LLC - All-Cap Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
Tradition Capital Management LLC - Tax-Efficient Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away

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Trevor Stewart Burton & Jacobson - Large-Cap Core Equity	0%	0%	No Additional Cost	No Additional Cost
Trillium Asset Management Corp. - All-Cap Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Trillium Asset Management Corp. - Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Trillium Asset Management Corp. - Core Equity	0%	0%	No Trades Done Away	No Trades Done Away
Trillium Asset Management Corp. - Trillium Sustainable Opportunities – SRI	0%	0%	No Trades Done Away	No Trades Done Away
Trinity Fiduciary Partners, LLC - FFV Strategy	0%	0%	No Additional Cost	No Additional Cost
Trust Investment Advisors - Growth & Income (Large-Cap Value)	0%	0%	No Trades Done Away	No Trades Done Away
Trust Investment Advisors - Income Equity	0%	0%	No Trades Done Away	No Trades Done Away
Trust Investment Advisors - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Trust Investment Advisors - Preferred Securities	0%	0%	No Trades Done Away	No Trades Done Away
Trust Investment Advisors - Value Equity	0%	0%	No Trades Done Away	No Trades Done Away
TWIN Capital Management Inc. - Dividend Select	100%	100%	No Additional Cost	No Additional Cost
Ulland Investment Advisors, Inc. - Defensive Growth	0%	0%	No Additional Cost	No Additional Cost
Ulland Investment Advisors, Inc. - Intelligent Growth (All-Cap Growth)	0%	0%	No Additional Cost	No Additional Cost
Uniplan Investment Counsel, Inc. - Micro-Cap Strategy	0%	0%	No Additional Cost	No Additional Cost
ValuePoint Partners - Equity Income Strategy	0%	0%	No Trades Done Away	No Trades Done Away
ValuePoint Partners - Total Return Balanced	0%	0%	No Trades Done Away	No Trades Done Away
ValueWorks LLC - Large-Cap Value Balanced	0%	0%	No Trades Done Away	No Trades Done Away
ValueWorks LLC - Large-Cap Value Capital Appreciation	0%	0%	No Trades Done Away	No Trades Done Away
Vulcan Value Partners - Large Cap	0%	0%	No Trades Done Away	No Trades Done Away
Waddell & Reed Asset Management Group - Large-Cap Core	0%	0%	No Additional Cost	0-5 Bps
Washington Park Advisors - (Taxable and Non-Taxable) Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
WEDGE Capital Management LLP - Large-Cap Value	99%	99%	No Additional Cost	No Additional Cost
WEDGE Capital Management LLP - Large-Cap Value Balanced	99%	87%	No Additional Cost	No Additional Cost
WEDGE Capital Management LLP - Municipal	100%	100%	No Additional Cost	No Additional Cost
WEDGE Capital Management LLP - Small-/Mid-Cap Value	99%	97%	No Additional Cost	No Additional Cost
Wells Capital Management, Inc. - Fundamental Large-Cap Select Growth	0%	0%	No Trades Done Away	No Trades Done Away
Wells Capital Management, Inc. - Large-Cap Dividend Growth	0%	0%	No Trades Done Away	No Trades Done Away
Western Asset Management Company - Gov/Corp / Interm Taxable (WDGC)	100%	100%	No Additional Cost	No Additional Cost
Western Asset Management Company - GSM - 7 Year (WDG7)	100%	100%	No Additional Cost	No Additional Cost
Western Asset Management Company - State-Specific Muni (WM3A)	100%	100%	No Additional Cost	No Additional Cost
Weston Global Equity Advisers - Small-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Westwood Management Corporation - Balanced	0%	0%	No Additional Cost	No Additional Cost
Westwood Management Corporation - Large-Cap Growth	0%	0%	No Additional Cost	No Additional Cost
White Pine Capital LLC - All-Cap Equities	2%	3%	0-5 Bps	0-5 Bps
White Pine Capital LLC - Small-Cap Growth	3%	3%	0-5 Bps	0-5 Bps
Whitney & Company - All Equity/Balanced	0%	0%	No Additional Cost	No Additional Cost
Wilbanks Smith & Thomas Asset Mgmt. - Aggressive Growth	0%	0%	No Trades Done Away	No Trades Done Away
Wilbanks Smith & Thomas Asset Mgmt. - Dynamic Asset Allocation	0%	0%	No Trades Done Away	No Trades Done Away
Wilbanks Smith & Thomas Asset Mgmt. - Global Equity / Balanced U.S. (Custom)	0%	0%	No Trades Done Away	No Trades Done Away
Wilbanks Smith & Thomas Asset Mgmt. - Globally Diversified Equity (ETFs)	0%	0%	No Trades Done Away	No Trades Done Away
Wilbanks Smith & Thomas Asset Mgmt. - Large-Cap Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Wilbanks Smith & Thomas Asset Mgmt. - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away

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Wilbanks Smith & Thomas Asset Mgmt. - Large-Cap Growth Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Wilbanks Smith & Thomas Asset Mgmt. - Multi-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Wilbanks Smith & Thomas Asset Mgmt. - U.S. Equity	95%	95%	0-1 Cps	0-1 Cps
William Blair & Company LLC - Large-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Willingdon Wealth Management - All-Cap Growth	0%	0%	No Trades Done Away	No Trades Done Away
Willingdon Wealth Management - Large-Cap Core	0%	0%	No Trades Done Away	No Trades Done Away
Windhaven Investment Management - Diversified Aggressive (ETFs)	74%	86%	0-1 Cps	0-1 Cps
Winslow Asset Management, Inc. - All-Cap Core Balanced	0%	0%	No Trades Done Away	No Trades Done Away
Woodmont Investment Counsel LLC - Large-Cap Blend	0%	0%	No Additional Cost	No Additional Cost
YCG, LLC - Concentrated	0%	0%	No Trades Done Away	No Trades Done Away
Zacks Investment Management - International (ETFs)	0%	0%	No Additional Cost	No Additional Cost
Ziegler Capital Management - Mid-Cap Core	0%	0%	No Additional Cost	No Additional Cost
Ziegler Capital Management - Missouri Valley Partners (MVP) SCC	0%	0%	No Additional Cost	No Additional Cost