

Employees' Retirement Plan

Chicago Transit Authority
Employees' Retirement Plan
Performance Summary

March 31, 2015

Total Fund Composite

Market Value: \$1,874.1 Million and 100.0% of Fund

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	Asset Class	Market Value	3 Mo Net Cash Flows	% of Portfolio	Policy %	Policy Difference
Total Fund Composite		\$1,874,109,498	-\$34,204,773	100.0%	100.0%	\$0
Total Fixed Income Composite		\$289,907,217	-\$59,726,204	15.5%	22.0%	-\$122,396,873
U.S. Fixed Income Composite		\$145,724,148	-\$192,981	7.8%	11.0%	-\$60,427,897
Baird Advisors	Core Fixed Income	\$48,474,470	-\$53,295	2.6%		
Chicago Equity Partners	Core Fixed Income	\$31,362,193	-\$45,279	1.7%		
Amalgatrust	Int. Fixed Income	\$65,887,485	-\$94,407	3.5%		
Stable Value Composite		\$144,183,069	-\$59,533,222	7.7%	11.0%	-\$61,968,976
ABN AMRO	Stable Value	\$51,641,981	-\$10,321	2.8%		
Goode	Stable Value	\$92,541,088	-\$59,522,902	4.9%		
Total Equity Composite		\$1,016,887,588	-\$41,217,028	54.3%	51.0%	\$61,091,744
U.S. Equity Composite		\$713,796,574	-\$36,369,677	38.1%	36.0%	\$39,117,154
Large Cap Equity Composite		\$360,394,668	-\$35,287,669	19.2%	20.0%	-\$14,427,232
Edgar Lomax	Large-Cap Value	\$121,676,750	-\$255,115	6.5%		
Paradigm	Large-Cap Value	\$94,874,830	-\$213,153	5.1%		
Invesco	Large-Cap Core	\$91,796,586	-\$66,228	4.9%		
Piedmont	Large-Cap Core	\$15,598	-\$34,601,078	0.0%		
Decatur	Large-Cap Growth	\$52,013,460	-\$152,094	2.8%		
Mid Cap Equity Composite		\$151,903,825	-\$361,006	8.1%	8.0%	\$1,975,065
Denali	Mid-Cap Value	\$58,384,412	-\$192,016	3.1%		
Seizert	Mid-Cap Core	\$35,139,957	-\$90,349	1.9%		
Nuveen	Mid-Cap Growth	\$58,379,456	-\$78,641	3.1%		
Small Cap Equity Composite		\$201,498,081	-\$721,002	10.8%	8.0%	\$51,569,321
Ariel	Small-Cap Value	\$69,152,851	-\$150,568	3.7%		
Channing	Small-Cap Value	\$35,111,318	-\$163,265	1.9%		
Lombardia	Small-Cap Value	\$31,817,497	-\$148,302	1.7%		
The Boston Company	Small-Cap Core	\$34,917,108	-\$115,060	1.9%		
Southern Sun	Small-Cap Core	\$30,499,308	-\$143,807	1.6%		
Non-U.S. Equity Composite		\$303,091,014	-\$4,847,351	16.2%	15.0%	\$21,974,589
Brown Capital	Non-U.S. Large-Cap Core	\$29,069,159	-\$111,503	1.6%		
Herndon Capital	Non-U.S. Large-Cap Core	\$81,824,216	-\$2,225,368	4.4%		
LSV	Non-U.S. Large-Cap Core	\$53,627,950	-\$2,284,566	2.9%		
Morgan Stanley	Non-U.S. Large-Cap Core	\$57,184,872	-\$225,914	3.1%		
Northern Trust Collective Emerging Market Fund	Emerging Markets	\$81,262,353	\$0	4.3%	5.0%	-\$12,443,121
Cash Composite		\$103,136,220	\$62,507,129	5.5%	-	\$103,136,220

Total Fund Composite

Market Value: \$1,874.1 Million and 100.0% of Fund

	Asset Class	Market Value	3 Mo Net Cash Flows	% of Portfolio	Policy %	Policy Difference
Hedge Fund Composite		\$195,659,982	-\$3,120,330	10.4%	11.0%	-\$10,492,063
BlackRock Multi Manager Partners	Hedged Equity Hedge FoF	\$39,279,009	\$0	2.1%		
Viking Global Investors	Long/Short Hedge Fund	\$10,904,812	\$0	0.6%		
Graham Absolute Return	Hedged Equity Hedge FoF	\$11,765,520	\$0	0.6%		
Magnitude Capital	Multi-Strat. Hedge FoF	\$51,480,356	\$0	2.7%		
Pluscios	Multi-Strat. Hedge FoF	\$39,664,266	\$0	2.1%		
Torshen Capital Plymouth Rock Fund	Multi-Strat. Hedge FoF	\$170,182	-\$3,100,004	0.0%		
Aetos Multi Strategy Arbitrage Fund	Multi-Strat. Hedge Fund	\$9,377,137	\$0	0.5%		
Aetos Distressed Investment Strategies Fund	Distressed Debt Hedge Fund	\$29,749,292	\$0	1.6%		
Harbinger Capital Partners	Event Driven Hedge Fund	\$3,037,721		0.2%		
Lyster Watson Conservative Alt. Fund	Multi-Strat. Hedge FoF	\$229,127		0.0%		
Keswick Offshore/Sandell Intl Castlerigg InternationaLP	Multi-Strat. Hedge Fund	\$2,339		0.0%		
Real Estate Composite		\$177,828,021	\$12,695,887	9.5%	10.0%	-\$9,582,929
Open-End Real Estate Composite		\$130,339,164	\$15,957,080	7.0%		\$130,339,164
Heitman America Real Estate	Core Real Estate	\$12,932,486	-\$34,130	0.7%		
JPMorgan Strategic Property Fund	Core Real Estate	\$42,779,022	-\$691,682	2.3%		
PRISA I	Core Real Estate	\$40,864,136	-\$466,726	2.2%		
Rreef America II	Core Real Estate	\$13,021,393	-\$148,612	0.7%		
JPMorgan Alternative Property Fund	Value-Added Real Estate	\$48,538	-\$16,984	0.0%		
Jamestown Premier Property Fund	Value-Added Real Estate	\$20,693,589	\$17,315,214	1.1%		
Closed-End Real Estate Composite		\$47,488,857	-\$3,261,193	2.5%		\$47,488,857
Private Equity Composite		\$90,690,471	-\$5,344,228	4.8%	6.0%	-\$21,756,099

Annualized Performance (Net of Fees)

Market Value: \$1,874.1 Million and 100.0% of Fund

			\ (75	4.57	2)/	0.14	4.24	5) (- > /	40.14
	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Total Fund Composite	0.1%	2.3%	2.3%	5.8%	9.9%	9.5%	7.8%	8.9%	6.3%	7.0%
Total Fund Policy Benchmark	-0.2%	2.4%	2.4%	7.6%	10.8%	10.6%	9.1%	9.7%	6.1%	6.7%
Actuarial Rate	0.7%	2.0%	2.0%	8.4%	8.4%	8.5%	8.5%	8.5%	8.5%	8.5%
Total Fixed Income Composite	0.3%	0.8%	0.8%	2.7%	1.4%	1.9%	2.7%	2.9%	3.4%	3.9%
Barclays Aggregate	0.5%	1.6%	1.6%	5.7%	2.8%	3.1%	4.2%	4.4%	4.7%	4.9%
U.S. Fixed Income Composite	0.5%	1.5%	1.5%	4.8%	2.4%	3.0%	4.0%	4.2%	4.3%	4.7%
Barclays Aggregate	0.5%	1.6%	1.6%	5.7%	2.8%	3.1%	4.2%	4.4%	4.7%	4.9%
Baird Advisors	0.5%	1.7%	1.7%	6.3%	3.4%	4.0%	5.1%	5.3%	-	
Barclays Aggregate	0.5%	1.6%	1.6%	5.7%	2.8%	3.1%	4.2%	4.4%	4.7%	4.9%
Chicago Equity Partners	0.5%	1.5%	1.5%	5.7%	2.2%	2.5%	3.9%	4.1%		
Barclays Aggregate	0.5%	1.6%	1.6%	5.7%	2.8%	3.1%	4.2%	4.4%	4.7%	4.9%
Amalgatrust	0.5%	1.3%	1.3%	3.4%	1.0%	1.0%	1.7%	1.8%	1.8%	2.0%
Barclays Int Govt/Credit	0.5%	1.4%	1.4%	3.6%	1.7%	2.3%	3.2%	3.5%	3.8%	4.3%
Stable Value Composite	0.1%	0.3%	0.3%	1.1%	0.6%	1.2%	1.7%	1.9%	2.1%	2.8%
Ryan Labs 3Yr GIC	0.1%	0.3%	0.3%	1.0%	1.0%	1.1%	1.4%	1.8%	2.5%	3.0%
ABN AMRO	0.1%	0.2%	0.2%	0.7%	0.9%	1.0%	1.1%	1.3%	1.8%	2.6%
Ryan Labs 3Yr GIC	0.1%	0.3%	0.3%	1.0%	1.0%	1.1%	1.4%	1.8%	2.5%	3.0%
Goode	0.1%	0.3%	0.3%	1.3%	1.4%	1.7%	1.8%	2.0%	2.3%	2.9%
Ryan Labs 3Yr GIC	0.1%	0.3%	0.3%	1.0%	1.0%	1.1%	1.4%	1.8%	2.5%	3.0%
Total Equity Composite	-0.8%	2.6%	2.6%	5.7%	13.1%	12.8%	9.8%	11.3%	6.6%	6.7%
Equity Policy Benchmark	-1.2%	2.6%	2.6%	8.7%	14.8%	14.5%	11.6%	12.4%	7.3%	7.5%
U.S. Equity Composite	-0.6%	1.9%	1.9%	8.9%	16.5%	15.7%	12.7%	14.1%	9.1%	8.3%
Russell 3000	-1.0%	1.8%	1.8%	12.4%	17.4%	16.4%	14.0%	14.7%	9.4%	8.4%
Large Cap Equity Composite	-1.6%	0.3%	0.3%	10.9%	17.2%	15.7%	14.1%	14.0%	8.5%	8.1%
Russell 1000	-1.2%	1.6%	1.6%	12.7%	17.5%	16.4%	14.2%	14.7%	9.3%	8.3%
Edgar Lomax	-1.9%	-1.8%	-1.8%	9.7%	16.1%	15.1%	14.3%	14.2%	8.1%	7.6%
S&P 500 Value	-1.5%	-0.7%	-0.7%	9.1%	14.7%	15.3%	12.7%	13.1%	7.0%	6.9%
Russell 1000 Value	-1.4%	-0.7%	-0.7%	9.3%	15.3%	16.4%	13.4%	13.8%	7.7%	7.2%
Paradigm	-1.3%	0.2%	0.2%	11.2%	17.6%	17.8%	15.3%	14.7%	8.8%	8.4%
Russell 1000 Value	-1.4%	-0.7%	-0.7%	9.3%	15.3%	16.4%	13.4%	13.8%	7.7%	7.2%
Invesco	-1.4%	1.0%	1.0%	10.8%	18.1%	16.7%	15.2%	14.5%	9.3%	9.0%
S&P 500	-1.6%	1.0%	1.0%	12.7%	17.2%	16.1%	14.2%	14.5%	8.9%	8.0%
Piedmont	-2.4%	2.7%	2.7%	12.5%	16.3%	14.2%	12.0%	11.9%		
S&P 500	-1.6%	1.0%	1.0%	12.7%	17.2%	16.1%	14.2%	14.5%	8.9%	8.0%
Decatur	-0.9%	3.1%	3.1%	15.8%	20.7%	16.6%	15.0%	15.2%		
Russell 1000 Growth	-1.1%	3.8%	3.8%	16.1%	19.6%	16.3%	15.0%	15.6%	10.7%	9.4%

Annualized Performance (Net of Fees)

Market Value: \$1,874.1 Million and 100.0% of Fund

Ending March 31, 2015

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Mid Cap Equity Composite	0.4%	4.6%	4.6%	10.9%	19.3%	16.9%	12.0%	14.5%	8.9%	8.2%
Russell MidCap	0.1%	4.0%	4.0%	13.7%	18.5%	18.1%	14.2%	16.2%	11.2%	10.0%
Denali	0.3%	4.9%	4.9%	11.8%	19.5%	20.0%	15.4%	15.3%		
Russell MidCap Value	-0.2%	2.4%	2.4%	11.7%	17.2%	18.6%	14.3%	15.8%	10.9%	9.6%
Seizert	-1.2%	2.1%	2.1%	5.8%	19.1%	20.3%	14.9%	16.7%		
Russell MidCap	0.1%	4.0%	4.0%	13.7%	18.5%	18.1%	14.2%	16.2%	11.2%	10.0%
Nuveen	1.6%	5.8%	5.8%	13.4%	20.6%	16.0%	12.9%	16.8%	11.2%	10.4%
Russell MidCap Growth	0.3%	5.4%	5.4%	15.6%	19.8%	17.4%	14.0%	16.4%	11.2%	10.2%
Small Cap Equity Composite	0.5%	3.0%	3.0%	4.3%	14.0%	15.3%	10.8%	14.3%	11.1%	8.7%
Russell 2000	1.7%	4.3%	4.3%	8.2%	16.3%	16.3%	11.9%	14.6%	10.5%	8.8%
Ariel	-0.7%	2.8%	2.8%	11.4%	15.2%	16.8%	10.6%	13.8%	20.0%	14.0%
Russell 2000 Value	1.7%	2.0%	2.0%	4.4%	13.2%	14.8%	10.6%	12.5%	8.9%	7.5%
Channing	2.0%	5.3%	5.3%	7.1%	16.6%	18.9%	11.9%	15.0%		
Russell 2000 Value	1.7%	2.0%	2.0%	4.4%	13.2%	14.8%	10.6%	12.5%	8.9%	7.5%
Lombardia	1.2%	0.0%	0.0%	2.1%	12.2%	13.1%	9.9%	12.5%		
Russell 2000 Value	1.7%	2.0%	2.0%	4.4%	13.2%	14.8%	10.6%	12.5%	8.9%	7.5%
The Boston Company	2.2%	4.7%	4.7%	5.4%	17.3%	16.6%	12.6%	14.5%	10.1%	8.7%
Russell 2000	1.7%	4.3%	4.3%	8.2%	16.3%	16.3%	11.9%	14.6%	10.5%	8.8%
Southern Sun	-0.9%	1.9%	1.9%	-7.8%	8.0%	12.1%	10.5%	17.1%		-
Russell 2000	1.7%	4.3%	4.3%	8.2%	16.3%	16.3%	11.9%	14.6%	10.5%	8.8%
Non-U.S. Equity Composite	-1.3%	4.4%	4.4%	-2.0%	4.6%	5.6%	2.8%	4.5%	-0.4%	2.9%
MSCI ACWI ex USA	-1.6%	3.5%	3.5%	-1.0%	5.4%	6.4%	2.8%	4.8%	1.2%	5.5%
Brown Capital	1.3%	7.8%	7.8%	1.1%	12.5%	13.8%	8.4%	8.4%		-
MSCI EAFE	-1.5%	4.9%	4.9%	-0.9%	7.9%	9.0%	5.1%	6.2%	1.6%	4.9%
Herndon Capital	-1.1%	4.8%	4.8%	-0.8%	3.9%	4.6%	2.2%	4.5%		
MSCI EAFE	-1.5%	4.9%	4.9%	-0.9%	7.9%	9.0%	5.1%	6.2%	1.6%	4.9%
LSV	-1.7%	5.0%	5.0%	-3.2%	7.5%	8.6%	4.0%	5.3%		
MSCI EAFE	-1.5%	4.9%	4.9%	-0.9%	7.9%	9.0%	5.1%	6.2%	1.6%	4.9%
Morgan Stanley	-2.5%	5.0%	5.0%	-1.4%	6.3%	8.5%	6.3%	6.6%	2.9%	5.1%
MSCI EAFE	-1.5%	4.9%	4.9%	-0.9%	7.9%	9.0%	5.1%	6.2%	1.6%	4.9%
	-1.0%									
Northern Trust Collective Emerging Market Fund	-1.4%	2.1%	2.1%		-					

Cash Composite

Annualized Performance (Net of Fees)

Market Value: \$1,874.1 Million and 100.0% of Fund

	1 Mo	3 Мо	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Hedge Fund Composite	0.7%	2.8%	2.8%	6.1%	6.1%	4.7%	1.9%	2.7%	1.7%	
HFRI FOF: Conservative Index	0.6%	1.9%	1.9%	3.8%	5.0%	4.8%	3.0%	3.3%	1.1%	2.6%
BlackRock Multi Manager Partners	-0.4%	1.4%	1.4%	3.6%	6.8%	6.6%	4.5%	4.9%	3.3%	
HFRI FOF: Conservative Index	0.6%	1.9%	1.9%	3.8%	5.0%	4.8%	3.0%	3.3%	1.1%	2.6%
HFRX Equity Hedge Index	0.6%	2.2%	2.2%	2.3%	4.7%	5.1%	0.2%	1.2%	-0.8%	0.7%
Viking Global Investors	0.7%	4.8%	4.8%	18.3%	-		-	-		
HFRI Equity Hedge (Total) Index	0.3%	2.0%	2.0%	2.6%	6.3%	6.0%	3.4%	4.6%	3.3%	4.8%
HFRX Equity Hedge Index	0.6%	2.2%	2.2%	2.3%	4.7%	5.1%	0.2%	1.2%	-0.8%	0.7%
Graham Absolute Return	1.9%	6.6%	6.6%	22.7%	-		-	-		
HFRI Fund of Funds Composite Index	0.7%	2.5%	2.5%	5.3%	5.7%	5.4%	3.1%	3.5%	1.4%	3.2%
Magnitude Capital	0.7%	2.5%	2.5%	9.0%	6.9%	6.9%	6.3%	6.8%	5.2%	
HFRI FOF: Conservative Index	0.6%	1.9%	1.9%	3.8%	5.0%	4.8%	3.0%	3.3%	1.1%	2.6%
Pluscios	0.7%	2.6%	2.6%	3.2%	5.6%	5.9%	3.6%	4.8%		
HFRI FOF: Conservative Index	0.6%	1.9%	1.9%	3.8%	5.0%	4.8%	3.0%	3.3%	1.1%	2.6%
Torshen Capital Plymouth Rock Fund	0.0%	0.0%	0.0%	2.4%	4.6%	4.1%	4.4%	4.5%	1.5%	
HFRI FOF: Conservative Index	0.6%	1.9%	1.9%	3.8%	5.0%	4.8%	3.0%	3.3%	1.1%	2.6%
Aetos Multi Strategy Arbitrage Fund	0.6%	1.1%	1.1%	0.9%	3.5%					
HFRI RV: Multi-Strategy Index	0.5%	2.0%	2.0%	4.0%	5.0%	6.0%	4.3%	5.2%	5.0%	4.6%
Aetos Distressed Investment Strategies Fund	0.1%	0.7%	0.7%	1.4%	6.5%					
HFRI ED: Distressed/Restructuring Index	0.4%	0.8%	0.8%	-3.4%	4.2%	6.0%	4.4%	5.5%	4.6%	5.5%

Annualized Performance (Net of Fees)

Market Value: \$1,874.1 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Real Estate Composite	3.1%	3.0%	3.0%	13.3%	13.8%	12.5%	11.9%	12.6%	-0.2%	4.8%
CPI +5%	1.0%	1.8%	1.8%	4.9%	5.7%	6.0%	6.4%	6.7%	6.5%	7.1%
NPI	1.2%	3.6%	3.6%	12.7%	11.9%	11.5%	11.9%	12.8%	5.0%	8.4%
Open-End Real Estate Composite	3.4%	3.3%	3.3%	12.3%	12.8%					
NFI	1.0%	3.2%	3.2%	12.4%	12.6%	11.6%	12.1%	13.4%	2.1%	6.0%
Heitman America Real Estate	3.4%	3.4%	3.4%	11.2%	12.4%					
NFI	1.0%	3.2%	3.2%	12.4%	12.6%	11.6%	12.1%	13.4%	2.1%	6.0%
JPMorgan Strategic Property Fund	4.0%	3.7%	3.7%	11.8%	12.7%	12.4%	12.8%	13.5%	3.1%	6.8%
NFI	1.0%	3.2%	3.2%	12.4%	12.6%	11.6%	12.1%	13.4%	2.1%	6.0%
PRISA I	3.0%	3.0%	3.0%	13.3%	13.0%	11.6%	12.5%	14.7%	1.4%	5.8%
NFI	1.0%	3.2%	3.2%	12.4%	12.6%	11.6%	12.1%	13.4%	2.1%	6.0%
Rreef America II	4.0%	4.0%	4.0%	13.3%	14.1%	12.7%	12.6%	14.5%	2.6%	5.8%
NFI	1.0%	3.2%	3.2%	12.4%	12.6%	11.6%	12.1%	13.4%	2.1%	6.0%
JPMorgan Alternative Property Fund	2.7%	2.7%	2.7%	-27.1%	-14.3%	-4.1%	1.7%	3.5%	-8.1%	
NFI	1.0%	3.2%	3.2%	12.4%	12.6%	11.6%	12.1%	13.4%	2.1%	6.0%
Jamestown Premier Property Fund	2.8%	2.8%	2.8%	-						
NFI	1.0%	3.2%	3.2%	12.4%	12.6%	11.6%	12.1%	13.4%	2.1%	6.0%
Closed-End Real Estate Composite	2.3%	2.1%	2.1%	15.6%	16.1%					
NPI	1.2%	3.6%	3.6%	12.7%	11.9%	11.5%	11.9%	12.8%	5.0%	8.4%
Private Equity Composite	3.6%	3.6%	3.6%	9.7%	8.4%	6.5%	6.3%	8.8%	4.3%	
S&P 500 + 3%	-1.3%	1.7%	1.7%	16.1%	20.7%	19.6%	17.6%	17.9%	12.2%	11.2%

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Average ²
Core Fixed Income	Baird Advisors	0.22% on the first \$50 million 0.20% on the next \$50 million 0.15% on the Balance	0.22% \$105,657	0.31%
Core Fixed Income	Chicago Equity Partners	0.30% on the first \$25 million 0.25% on the next \$75 million 0.20% on the Balance	0.29% \$90,163	0.31%
Int. Fixed Income	Amalgatrust	0.275% on the first \$100 million 0.20% on the next \$400 million 0.12% on the Balance Minimum of \$200,000	0.30% \$200,000	0.26%
Stable Value	ABN AMRO	0.08% on the Balance	0.08% \$21,431	0.25%
Stable Value	Goode	0.20% on the first \$50 million 0.15% on the next \$50 million 0.10% on the Balance	0.18% \$160,655	0.24%
Large-Cap Value	Edgar Lomax	0.54% on the first \$50 million 0.40% on the next \$25 million 0.35% on the next \$25 million 0.30% on the Balance	0.45% \$472,732	0.51%
Large-Cap Value	Paradigm	0.50% on the first \$50 million 0.40% on the next \$50 million 0.30% on the next \$50 million 0.20% on the Balance	0.45% \$431,401	0.51%
Large-Cap Core	Invesco	0.15% on the Balance Plus 20% Performance Fee, above high watermark	0.15% \$107,217	0.50%
Large-Cap Growth	Decatur	0.60% on the first \$50 million 0.40% on the next \$25 million 0.35% on the Balance	0.59% \$308,344	0.55%
Mid-Cap Value	Denali	0.75% on the first \$25 million 0.70% on the next \$25 million 0.65% on the Balance	0.71% \$418,703	0.65%
Mid-Cap Core	Seizert	0.55% on the first \$25 million 0.45% on the Balance	0.52% \$180,497	0.73%
Mid-Cap Growth	Nuveen	0.65% on the first \$25 million 0.50% on the next \$25 million 0.40% on the Balance	0.55% \$325,918	0.68%
Small-Cap Value	Ariel	0.60% on the first \$10 million 0.50% on the next \$10 million 0.40% on the Balance	0.44% \$298,800	0.84%
Small-Cap Value	Channing	1.00% on the first \$25 million 0.90% on the next \$25 million 0.80% on the Balance	0.97% \$333,300	0.97%

Fee Schedule

Asset Class	Investment Manager	Fee Schedule	Estimated Annual Fee ¹	Average ²
Small-Cap Value	Lombardia	1.00% on the first \$20 million 0.85% on the next \$20 million 0.75% on the next \$10 million 0.70% on the Balance	0.95% \$295,347	0.97%
Small-Cap Core	The Boston Company	0.70% on the first \$50 million 0.60% on the next \$50 million 0.50% on the Balance	0.70% \$249,015	0.90%
Small-Cap Core	Southern Sun	1.00% on the first \$50 million 0.95% on the next \$50 million 0.90% on the next \$100 million 0.85% on the Balance	1.00% \$100,036	0.90%
Non-U.S. Large-Cap Core	Brown Capital	0.80% on the first \$50 million 0.70% on the next \$50 million 0.65% on the next \$50 million 0.55% on the Balance	0.80% \$240,144	0.75%
Non-U.S. Large-Cap Core	Herndon Capital	0.55% on the Balance	0.55% \$447,366	0.62%
Non-U.S. Large-Cap Core	LSV	0.75% on the first \$25 million 0.65% on the next \$25 million 0.55% on the next \$50 million 0.45% on the Balance	0.69% \$379,371	0.62%
Non-U.S. Large-Cap Core	Morgan Stanley	0.90% on the first \$25 million 0.75% on the next \$25 million 0.60% on the next \$25 million 0.50% on the next \$25 million 0.45% on the Balance	0.79% \$472,341	0.62%
Emerging Markets	Northern Trust Collective Emerging Market Fund	0.15% on the Balance	0.15% \$113,905	0.91%
Hedged Equity Hedge FoF	BlackRock Multi Manager Partners	0.75% on the Balance Plus 10% Incentive Fee, above 91-Day T-Bill +1% Hurdle	0.75% \$294,796	1.35%
Long/Short Hedge Fund	Viking Global Investors	1.50% on the Balance Plus 20% Incentive Fee	1.50% \$171,104	1.69%
Hedged Equity Hedge FoF	Graham Absolute Return	2.00% on the Balance Plus 25% performance fee	2.00% \$230,311	1.69%
Multi-Strat. Hedge FoF	Magnitude Capital	1.00% on the Balance Plus 10% Performance Fee, above high watermark Plus 15-30 bps Administration Fee	1.00% \$524,365	1.35%
Multi-Strat. Hedge FoF	Pluscios	1.10% on the Balance Plus 10% Incentive Fee, above 91-Day T-Bill Hurdle	1.10% \$438,459	1.35%
Multi-Strat. Hedge FoF	Torshen Capital Plymouth Rock Fund	1.00% on the Balance Plus 10% Performance Fee, above high watermark	1.00% \$76	1.35%



Employees' Retirement Plan

Fee Schedule

Asset Class	Investment Manager	Fee Schedule	Estimated Annual Fee ¹	Average ²
Multi-Strat. Hedge Fund	Aetos Multi Strategy Arbitrage Fund	1.00% on the Balance	1.00% \$93,535	1.69%
Distressed Debt Hedge Fund	Aetos Distressed Investment Strategies Fund	1.00% on the Balance	1.00% \$298,022	1.69%
Core Real Estate	Heitman America Real Estate	1.10% on the first \$10 million 1.00% on the next \$15 million 0.90% on the next \$25 million 0.80% on the next \$50 million 0.70% on the Balance	1.07% \$144,344	1.01%
Core Real Estate	JPMorgan Strategic Property Fund	1.00% on the Balance	1.00% \$433,788	1.01%
Core Real Estate	PRISA I	0.75% on the first \$10 million 0.65% on the next \$15 million 0.60% on the next \$25 million 0.55% on the next \$50 million 0.50% on the Balance Plus 6% Performance Fee Maximum Total Fee of 1.15%	0.65% \$272,343	1.01%
Core Real Estate	Rreef America II	0.95% on the Balance	0.95% \$125,840	1.01%
Value-Added Real Estate	Jamestown Premier Property Fund	0.60% on the Balance Plus 20% Carried Interest, after 7% preferred return and 25% Carried Interest, after 10% preferred return	0.60% \$132,488	1.50%
Total Investment Management Fee	28		0.52% \$9,590,396	0.65%

¹ Expense Ratio & Estimated Annual Fee are Based on Market Value at Month End for Open-Ended accounts only.

² Source: Marquette Associates Investment Management Fee Study.