



Aurora Firefighters' Pension Fund

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Executive Summary

June 30, 2016

Total Fund Composite

Market Value: \$145.1 Million and 100.0% of Fund

Ending June 30, 2016

	Asset Class	Market Value	3 Mo Net Cash Flows	% of Portfolio	Policy %	Policy Difference
Total Fund Composite		\$145,061,367	\$1,347,008	100.0%	100.0%	\$0
Fixed Income Composite		\$49,151,856	-\$18,453	33.9%	35.0%	-\$1,619,623
Cutwater Asset Management	Core Fixed Income	\$24,687,241	-\$17,851	17.0%	17.5%	-\$698,498
Segall Bryant & Hamill	Int. Fixed Income	\$24,464,615	-\$602	16.9%	17.5%	-\$921,124
U.S. Equity Composite		\$49,429,054	-\$53,784	34.1%	32.0%	\$3,009,416
Fiduciary Management	Large-Cap Value	\$10,664,027	-\$17,660	7.4%	7.0%	\$509,732
Vanguard S&P 500 Index Fund	Large-Cap Core	\$16,704,110	\$0	11.5%	11.0%	\$747,360
Geneva Capital	Mid-Cap Growth	\$10,699,739	-\$17,527	7.4%	7.0%	\$545,443
Kayne Anderson Rudnik	Small-Cap Core	\$11,361,178	-\$18,597	7.8%	7.0%	\$1,206,882
International Equity Composite		\$20,980,964	\$0	14.5%	16.0%	-\$2,228,855
Vanguard Developed Markets Index Fund	Non-U.S. Large-Cap Core	\$12,783,128	\$0	8.8%	10.0%	-\$1,723,008
DFA International Small Company Fund	Non-U.S. Small-Cap Core	\$4,589,002	\$0	3.2%	3.0%	\$237,161
Oppenheimer Developing Markets Fund	Emerging Markets	\$3,608,834	\$0	2.5%	3.0%	-\$743,007
Alternatives Composite		\$6,521,242	\$0	4.5%	5.0%	-\$731,827
GMO Benchmark Free Allocation Fund	GTAA	\$6,521,242	\$0	4.5%	5.0%	-\$731,827
Real Estate Composite		\$15,439,301	\$0	10.6%	10.0%	\$933,164
Principal	Core Real Estate	\$15,439,301	\$0	10.6%	10.0%	\$933,164
Total Cash Equivalents		\$3,538,951	\$1,419,245	2.4%	2.0%	\$637,723
U.S. Bank	Cash & Equivalents	\$536,033	-\$1,133	0.4%	0.5%	-\$189,274
Illinois Funds Money Market	Cash & Equivalents	\$3,002,918	\$1,420,377	2.1%	1.5%	\$826,997

Investment Manager

Annualized Performance (Gross of Fees)

Market Value: \$145.1 Million and 100.0% of Fund

Ending June 30, 2016

	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	10 Yrs
Total Fund Composite	1.9%	3.6%	2.3%	3.0%	6.5%	7.1%	6.3%	5.6%
<i>Total Fund Composite Benchmark</i>	1.6%	2.9%	1.3%	2.5%	6.3%	7.2%	6.6%	5.8%
<i>Actuarial Rate</i>	1.6%	3.3%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%
Fixed Income Composite	1.9%	4.7%	5.4%	3.3%	3.4%	2.4%	3.2%	4.6%
<i>Barclays Aggregate</i>	2.2%	5.3%	6.0%	3.9%	4.1%	2.9%	3.8%	5.1%
<i>Cutwater Asset Management</i>	2.2%	5.3%	6.1%	4.0%	4.2%	3.1%	4.2%	5.4%
<i>Cutwater Custom Benchmark</i>	2.2%	5.3%	6.0%	3.9%	4.1%	2.9%	3.8%	4.8%
<i>Segall Bryant & Hamill</i>	1.6%	4.0%	4.6%	3.1%	3.0%	--	--	--
<i>Barclays Int Govt/Credit</i>	1.6%	4.1%	4.3%	3.0%	3.0%	2.3%	2.9%	4.5%
U.S. Equity Composite	2.8%	4.8%	3.3%	6.5%	11.5%	13.2%	11.7%	--
<i>Wilshire 5000 Total Market</i>	2.8%	4.0%	2.9%	5.0%	11.3%	13.8%	11.8%	7.5%
<i>Fiduciary Management</i>	1.4%	5.2%	1.9%	5.2%	11.7%	14.3%	--	--
<i>Russell 1000 Value</i>	4.6%	6.3%	2.9%	3.5%	9.9%	13.5%	11.4%	6.1%
<i>Vanguard S&P 500 Index Fund</i>	2.4%	3.8%	4.0%	5.7%	11.6%	13.8%	--	--
<i>S&P 500</i>	2.5%	3.8%	4.0%	5.7%	11.7%	13.8%	12.1%	7.4%
<i>Geneva Capital</i>	3.1%	2.8%	0.0%	7.0%	10.6%	11.6%	--	--
<i>Russell MidCap Growth</i>	1.6%	2.2%	-2.1%	3.5%	10.5%	13.5%	10.0%	8.1%
<i>Kayne Anderson Rudnik</i>	4.5%	8.2%	6.9%	8.6%	11.9%	13.2%	11.5%	8.5%
<i>Kayne Anderson Benchmark</i>	3.8%	2.2%	-6.7%	-0.3%	7.1%	11.1%	8.3%	6.7%
International Equity Composite	-0.2%	-0.9%	-7.8%	-6.5%	3.0%	6.2%	2.3%	--
<i>MSCI ACWI ex USA</i>	-0.6%	-1.0%	-10.2%	-7.8%	1.2%	4.1%	0.1%	1.9%
<i>Vanguard Developed Markets Index Fund</i>	-0.2%	-2.2%	-8.4%	-6.2%	2.8%	6.5%	--	--
<i>MSCI EAFE</i>	-1.5%	-4.4%	-10.2%	-7.2%	2.1%	6.0%	1.7%	1.6%
<i>DFA International Small Company Fund</i>	-1.1%	-0.8%	-3.9%	-4.0%	6.5%	9.5%	--	--
<i>MSCI World ex USA Small Cap</i>	-1.3%	-0.7%	-3.3%	-3.7%	6.3%	9.1%	3.6%	3.3%
<i>MSCI EAFE Small Cap</i>	-2.6%	-3.2%	-3.7%	-2.2%	7.3%	10.5%	4.8%	3.6%
<i>Oppenheimer Developing Markets Fund</i>	0.8%	3.9%	-10.0%	-10.1%	-1.0%	1.1%	-1.2%	--
<i>MSCI Emerging Markets</i>	0.7%	6.4%	-12.1%	-8.7%	-1.6%	-0.5%	-3.8%	3.5%
Alternatives Composite	0.9%	1.0%	-4.3%	-3.3%	--	--	--	--
<i>60% Wilshire 5000/40% BarCap Aggregate</i>	2.5%	4.4%	3.9%	4.5%	8.3%	9.3%	8.6%	6.9%
<i>CPI +5%</i>	2.5%	4.4%	6.1%	5.6%	6.1%	6.3%	6.4%	6.8%
<i>GMO Benchmark Free Allocation Fund</i>	0.9%	1.0%	-4.3%	-3.3%	--	--	--	--
<i>60% Wilshire 5000/40% BarCap Aggregate</i>	2.5%	4.4%	3.9%	4.5%	8.3%	9.3%	8.6%	6.9%
<i>CPI +5%</i>	2.5%	4.4%	6.1%	5.6%	6.1%	6.3%	6.4%	6.8%
Real Estate Composite	2.3%	4.1%	11.2%	14.7%	14.6%	13.0%	--	--
<i>NFI</i>	2.1%	4.4%	11.8%	13.1%	13.0%	12.8%	12.7%	6.2%
<i>Principal</i>	2.3%	4.1%	11.2%	--	--	--	--	--
<i>NFI</i>	2.1%	4.4%	11.8%	13.1%	13.0%	12.8%	12.7%	6.2%

Total Fund Composite

Fee Schedule

Market Value: \$145.1 Million and 100.0% of Fund

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Average ²
Core Fixed Income	Cutwater Asset Management	0.33% on the first \$10 million 0.25% on the Balance	0.28% \$69,718	0.31%
Int. Fixed Income	Segall Bryant & Hamill	0.25% on the Balance	0.25% \$61,162	0.30%
Large-Cap Value	Fiduciary Management	0.65% on the first \$25 million 0.55% on the next \$25 million 0.45% on the next \$50 million 0.40% on the Balance	0.65% \$69,316	0.63%
Large-Cap Core	Vanguard S&P 500 Index Fund	0.04% on the Balance	0.04% \$6,682	0.12%
Mid-Cap Growth	Geneva Capital	0.65% on the Balance	0.65% \$69,548	0.78%
Small-Cap Core	Kayne Anderson Rudnik	0.65% on the Balance	0.65% \$73,848	0.90%
Non-U.S. Large-Cap Core	Vanguard Developed Markets Index Fund	0.07% on the Balance	0.07% \$8,948	0.97%
Non-U.S. Small-Cap Core	DFA International Small Company Fund	0.54% on the Balance	0.54% \$24,781	1.14%
Emerging Markets	Oppenheimer Developing Markets Fund	0.86% on the Balance	0.86% \$31,036	1.27%
GTAA	GMO Benchmark Free Allocation Fund	0.94% on the Balance	0.94% \$61,300	1.06%
Core Real Estate	Principal	1.00% on the Balance	1.00% \$154,393	1.01%
Total Investment Management Fees			0.43% \$630,731	0.60%