

Retiree Healthcare Trust

Chicago Transit Authority Retiree Healthcare Trust Performance Summary

December 31, 2016

Total Fund Composite

Market Value: \$755.0 Million and 100.0% of Fund

Ending December 31, 2016

		Liidii	ig December 5	1, 2010		
	Asset Class	Market Value	3 Mo Net Cash Flows	% of Portfolio	Policy %	Policy Difference
Total Fund Composite		\$754,961,539	-\$1,884,761	100.0%	100.0%	\$0
Total Fixed Income Composite		\$282,505,524	-\$3,514,174	37.4%	40.0%	-\$19,479,091
U.S. Fixed Income Composite		\$218,016,471	-\$3,331,194	28.9%	30.0%	-\$8,471,991
Garcia Hamilton & Associates	Core Fixed Income	\$84,740,496	-\$3,113,329	11.2%		
MacKay Shields Core Plus	Core Plus Fixed Income	\$64,923,109	-\$106,454	8.6%		
TCW Opp Core Plus Fixed	Core Plus Fixed Income	\$63,874,671	-\$108,595	8.5%		
Hughes Core Fixed Income	Core Fixed Income	\$4,478,196	-\$2,816	0.6%		
Non-U.S. Fixed Income Composite		\$64,489,053	-\$182,980	8.5%	10.0%	-\$11,007,101
Wells Fargo Int'l Bond	Non-U.S. Fixed Income	\$22,186,601	-\$43,319	2.9%		
Prudential Emerging Markets Debt	EM Fixed Income	\$42,302,452	-\$139,662	5.6%		
Total Equity Composite		\$384,653,570	-\$3,755,346	51.0%	50.0%	\$7,172,800
U.S. Equity Composite		\$276,308,166	-\$3,518,254	36.6%	35.0%	\$12,071,628
Large Cap Composite		\$118,917,376	-\$129,827	15.8%	15.0%	\$5,673,145
NTGI-QM Common Daily S&P 500	Large-Cap Core	\$58,139,583	-\$709	7.7%		
PNC Capital LCV	Large-Cap Value	\$29,845,971	-\$68,984	4.0%		
Great Lakes LCV	Large-Cap Value	\$30,931,822	-\$60,135	4.1%		
Mid Cap Composite		\$80,017,422	-\$3,131,981	10.6%	10.0%	\$4,521,268
NTGI Common Daily S&P 400	Mid-Cap Core	\$44,054,933	-\$1,589	5.8%		
Eagle MCG	Mid-Cap Growth	\$35,962,489	-\$3,130,393	4.8%		
Small Cap Composite		\$77,373,368	-\$256,446	10.2%	10.0%	\$1,877,215
Kayne Anderson SCV	Small-Cap Value	\$29,608,301	-\$109,313	3.9%		
Matarin Capital Management	Small-Cap Core	\$22,568,745	-\$14,966	3.0%		
Amalgatrust SCG	Small-Cap Growth	\$25,196,322	-\$132,167	3.3%		
Non-U.S. Equity Composite		\$108,345,403	-\$237,091	14.4%	15.0%	-\$4,898,827
Lazard Int'l Equity	Non-U.S. Large-Cap Core	\$38,939,920	-\$127,574	5.2%		
OFI Global International	Non-U.S. Small-Cap Core	\$35,316,812	-\$68,425	4.7%		
William Blair Emerging Markets	Emerging Markets	\$20,617,613	-\$30,495	2.7%		
SSgA Active Emerging Markets Small Cap	EM Small-Cap	\$13,471,059	-\$10,597	1.8%		
Real Estate Composite		\$81,250,943	\$4,367,399	10.8%	10.0%	\$5,754,789
Clarion Lion Properties Fund	Core Real Estate	\$41,254,910	-\$101,487	5.5%		
Heitman America Real Estate	Core Real Estate	\$39,996,033	\$4,468,886	5.3%		
Cash Composite		\$6,551,502	\$1,017,360	0.9%	0.0%	\$6,551,502
Cash Account	Cash & Equivalents	\$6,508,801	\$1,017,375	0.9%		
NTGI - Cash	Cash & Equivalents	\$42,701	-\$15	0.0%		

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$755.0 Million and 100.0% of Fund

Ending December 31, 2016

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs
Total Fund Composite	1.0%	-0.2%	6.5%	6.5%	2.9%	3.0%	5.9%	7.2%
RHCT Policy Benchmark	1.3%	0.6%	7.9%	7.9%	3.7%	4.7%	6.5%	7.2%
Actuarial Rate	0.6%	1.7%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
Total Fixed Income Composite	0.2%	-3.7%	3.9%	3.9%	1.7%	2.9%	1.6%	3.1%
BBgBarc US Universal TR	0.3%	-2.6%	3.9%	3.9%	2.2%	3.3%	2.1%	2.8%
U.S. Fixed Income Composite	0.0%	-2.7%	3.0%	3.0%	1.6%	2.8%	1.7%	2.9%
BBgBarc US Aggregate TR	0.1%	-3.0%	2.6%	2.6%	1.6%	3.0%	1.7%	2.2%
Garcia Hamilton & Associates	0.1%	-2.6%	2.7%	2.7%				
BBgBarc US Aggregate TR	0.1%	-3.0%	2.6%	2.6%	1.6%	3.0%	1.7%	2.2%
MacKay Shields Core Plus	0.4%	-2.5%	4.4%	4.4%	1.8%	3.1%	2.2%	3.3%
BBgBarc US Aggregate TR	0.1%	-3.0%	2.6%	2.6%	1.6%	3.0%	1.7%	2.2%
TCW Opp Core Plus Fixed	-0.6%	-3.3%	2.1%	2.1%	1.0%	2.3%	1.4%	3.3%
BBgBarc US Aggregate TR	0.1%	-3.0%	2.6%	2.6%	1.6%	3.0%	1.7%	2.2%
Non-U.S. Fixed Income Composite	1.1%	-7.0%	7.5%	7.5%	2.3%	3.0%	1.1%	3.5%
50% Barclays Global ex U.S/ 50% JPM EMBI Global TR	0.2%	-7.3%	5.8%	5.8%	1.6%	1.5%	-0.1%	2.0%
Wells Fargo Int'l Bond	-0.8%	-12.3%	0.4%	0.4%	-4.5%	-2.9%	-3.0%	-1.5%
BarCap Global Agg. Ex. U.S.	-1.0%	-10.3%	1.5%	1.5%	-2.3%	-2.6%	-2.7%	-1.4%
Prudential Emerging Markets Debt	2.1%	-3.9%	11.3%	11.3%	6.8%	7.2%	3.9%	7.3%
JP Morgan EMBI Global TR	1.4%	-4.2%	10.2%	10.2%	5.6%	5.6%	2.4%	5.4%
Total Equity Composite	1.4%	2.1%	8.4%	8.4%	3.5%	3.2%	9.7%	10.9%
MSCI ACWI	2.2%	1.2%	7.9%	7.9%	2.6%	3.1%	7.7%	9.4%
U.S. Equity Composite	1.6%	5.2%	12.7%	12.7%	5.8%	5.6%	12.5%	13.0%
Wilshire 5000 Total Market	2.1%	4.5%	13.4%	13.4%	6.8%	8.8%	14.4%	14.7%
Large Cap Composite	2.0%	4.7%	11.5%	11.5%	6.0%	7.2%	13.0%	12.8%
Russell 1000	1.9%	3.8%	12.1%	12.1%	6.3%	8.6%	14.3%	14.7%
NTGI-QM Common Daily S&P 500	2.0%	3.8%	12.0%	12.0%	6.6%			
S&P 500	2.0%	3.8%	12.0%	12.0%	6.5%	8.9%	14.3%	14.7%
PNC Capital LCV	2.3%	4.9%	6.6%	6.6%	4.5%	7.2%	13.4%	13.0%
Russell 1000 Value	2.5%	6.7%	17.3%	17.3%	6.2%	8.6%	14.1%	14.8%
Great Lakes LCV	1.6%	6.2%	15.8%	15.8%	6.5%		-	
Russell 1000 Value	2.5%	6.7%	17.3%	17.3%	6.2%	8.6%	14.1%	14.8%



Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$755.0 Million and 100.0% of Fund

Ending December 31, 2016

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	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs
Mid Cap Composite	1.3%	4.9%	13.6%	13.6%	6.7%	7.5%	14.1%	14.7%
Russell MidCap	1.1%	3.2%	13.8%	13.8%	5.4%	7.9%	14.1%	14.7%
NTGI Common Daily S&P 400	2.2%	7.4%	20.8%	20.8%	8.7%	-	-	
S&P 400 MidCap	2.2%	7.4%	20.7%	20.7%	8.7%	9.0%	14.7%	15.3%
Eagle MCG	0.2%	1.8%	6.8%	6.8%	4.7%	6.4%	13.6%	14.2%
Russell MidCap Growth	0.3%	0.5%	7.3%	7.3%	3.5%	6.2%	12.9%	13.5%
Small Cap Composite	1.5%	6.4%	13.8%	13.8%	4.9%	2.0%	10.1%	11.4%
Russell 2000	2.8%	8.8%	21.3%	21.3%	7.7%	6.7%	14.0%	14.5%
Kayne Anderson SCV	3.6%	11.8%	26.3%	26.3%	12.1%	9.4%	16.1%	14.7%
Russell 2000 Value	4.1%	14.1%	31.7%	31.7%	10.4%	8.3%	14.3%	15.1%
Matarin Capital Management	2.7%	11.2%						
Russell 2000	2.8%	8.8%	21.3%	21.3%	7.7%	6.7%	14.0%	14.5%
Amalgatrust SCG	-1.9%	-2.8%	2.3%	2.3%	1.8%	-2.5%	6.2%	9.2%
Russell 2000 Growth	1.4%	3.6%	11.3%	11.3%	4.8%	5.1%	13.5%	13.7%
Non-U.S. Equity Composite	0.9%	-5.2%	-2.2%	-2.2%	-2.5%	-3.7%	1.4%	4.7%
MSCI ACWI ex USA	2.6%	-1.3%	4.5%	4.5%	-0.7%	-1.8%	2.2%	5.0%
Lazard Int'l Equity	2.5%	-3.8%	-0.2%	-0.2%	-1.2%	-1.9%	2.8%	6.2%
MSCI ACWI ex USA	2.6%	-1.3%	4.5%	4.5%	-0.7%	-1.8%	2.2%	5.0%
OFI Global International	0.7%	-5.3%						
MSCI EAFE Small Cap	2.9%	-2.9%	2.2%	2.2%	5.8%	2.1%	8.3%	10.6%
William Blair Emerging Markets	-0.7%	-8.0%						
MSCI Emerging Markets	0.2%	-4.2%	11.2%	11.2%	-2.7%	-2.6%	-2.6%	1.3%
SSgA Active Emerging Markets Small Cap	-0.4%	-4.7%		-	-	-	-	
MSCI Emerging Markets Small Cap	-0.2%	-6.2%	2.3%	2.3%	-2.4%	-1.3%	-0.7%	3.5%
eal Estate Composite	1.7%	1.7%	8.7%	8.7%				
NFI	0.6%	1.9%	7.8%	7.8%	10.8%	11.0%	11.5%	11.2%
Clarion Lion Properties Fund	1.2%	1.2%	8.0%	8.0%				
NFI	0.6%	1.9%	7.8%	7.8%	10.8%	11.0%	11.5%	11.2%
Heitman America Real Estate	2.3%	2.3%						
NFI	0.6%	1.9%	7.8%	7.8%	10.8%	11.0%	11.5%	11.2%

Total Fund Composite

Fee Schedule

Market Value: \$755.0 Million and 100.0% of Fund

Expense Ratio &

Industry

			Expense Ratio &	industry
Asset Class	Investment Manager	Fee Schedule	Estimated Annual Fee 1	Average 2
Core Fixed Income	Hughes Core Fixed Income	0.25% on the first \$25 million 0.20% on the next \$75 million	0.25% \$11,244	0.30%
Core Fixed Income	Garcia Hamilton & Associates	0.30% on the first \$10 million 0.25% on the balance	0.26% \$217,323	0.26%
Core Plus Fixed Income	MacKay Shields Core Plus	0.35% on the first \$25 million 0.30% on the next \$75 million 0.20% on the balance	0.32% \$208,165	0.31%
Core Plus Fixed Income	TCW Opp Core Plus Fixed	0.40% on the first \$50 million 0.35% on the balance	0.39% \$250,714	0.31%
Non-U.S. Fixed Income	Wells Fargo Int'l Bond	0.36% on the first \$50 million 0.27% on te next \$20 million 0.35% on the balance	0.36% \$81,845	0.40%
EM Fixed Income	Prudential Emerging Markets Debt	0.65% on the first \$50 million 0.35% on the balance	0.55% \$237,724	0.70%
Large-Cap Core	NTGI-QM Common Daily S&P 500	0.005% on the balance	0.01% \$2,962	0.05%
Large-Cap Value	PNC Capital LCV	0.40% on the balance	0.34% \$101,965	0.61%
Large-Cap Value	Great Lakes LCV	0.42% on the balance	0.42% \$130,616	0.61%
Mid-Cap Core	NTGI Common Daily S&P 400	0.015% on the balance	0.02% \$6,719	0.05%
Mid-Cap Growth	Eagle MCG	0.70% on the first \$25 million 0.65% on the next \$50 million 0.60% on the balance	0.68% \$256,146	0.79%
Small-Cap Growth	Amalgatrust SCG	0.95% on the first \$25 million 0.82% on the next \$25 million 0.72% on the next \$50 million 0.67% on the balance	0.95% \$245,492	0.95%
Small-Cap Value	Kayne Anderson SCV	0.80% on the balance	0.80% \$240,107	0.96%
Small-Cap Core	Matarin Capital Management	1.00% on the first \$10 million 0.70% on the next \$50 million 0.60% on the balance	0.83% \$187,638	0.88%
Non-U.S. Large-Cap Core	Lazard Int'l Equity	0.75% on the first \$50 million 0.50% on the balance	0.75% \$297,715	0.75%
Core Real Estate	Clarion Lion Properties Fund	1.25% on the first \$10 million 1.00% on the next \$15 million 0.85% on the balance	1.00% \$413,167	1.01%
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	0.84% \$335,720	1.01%
Non-U.S. Small-Cap Core	OFI Global International	0.75% on the first \$50 million 0.70% on the next \$50 million 0.65% on the balance	0.75% \$275,603	0.95%
Emerging Markets	William Blair Emerging Markets	0.90% on the first \$20 million 0.70% on the next \$30 million 0.60% on the next \$50 million 0.55% on the next \$50 million 0.50% on the next \$50 million 0.40% on the next \$200 million 0.30% on the balance	0.88% \$193,797	0.95%
EM Small-Cap	SSgA Active Emerging Markets Small Cap	0.90% on the first \$50 million 0.80% on the next \$50 million 0.70% on the balance	0.90% \$127,738	1.20%
Total Investment Management Fees			0.50% \$3,822,399	0.57%
Custodian	Northern Trust		0.02% \$156,189	
Total Fund			0.52% \$3,978,588	
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¹ Expense Ratio & Estimated Annual Fee are Based on Market Value at Quarter End.
² Source: 2016 Marquette Associates Investment Management Fee Study.

