# CITY OF DALTON EMPLOYEE'S PENSION PLAN INVESTMENT PERFORMANCE ANALYSIS FIRST QUARTER 2019

Note: For a copy of Part II of Southeastern Advisory Services, Inc.'s most recent Form ADV please write: Southeastern Advisory Services, Inc., 3495 Piedmont Road, NE, Bldg. 12-202, Atlanta, GA 30305, or e-mail your request to kit@seadvisory.com. Part II of Form ADV will be mailed within seven (7) days upon receipt of the request.

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#### **Executive Summary**

#### City of Dalton Employee's Pension Plan

Quarter Ending March 31, 2019

#### I. MARKET ENVIRONMENT

Index	First Quarter	1 Year	3 Year
Standard & Poor's 500 Index	13.7%	9.5%	13.5%
Russell 2000 Index	14.6%	2.1%	12.9%
MSCI EAFE Index (Net)	10.0%	-3.7%	7.3%
NCREIF Index	1.8%	6.8%	7.1%
CS Hedge Index	4.0%	0.2%	3.7%
BBG Barc U.S. Aggregate	2.9%	4.5%	2.0%
91 Day Treasury Bills	0.6%	2.1%	1.2%
Consumer Price Index (NSA)	1.2%	1.9%	2.2%

In the opening three months of 2019, U.S. and international equity produced a dramatic about face as every major asset class rebounded from the fourth quarter of 2018. Volatility drifted lower as U.S. equities continued to rally to finish the first quarter. Concerns about slowing global growth were dwarfed by the Fed's updated forecast for no rate increases in 2019 making this the best quarter since the Financial Crisis rebound. Economic data remained strong with solid GDP and unemployment staying below 4%. Real GDP growth slowed during the fourth quarter of 2018, at 2.2% annualized. Real growth for the year was the strongest since 2015 at 2.9%. Consumer spending was the main driver of growth for the quarter. Private investment was also a positive contributor due to both business and inventory investment. Housing investment, however, was down. A change in next exports was a minor detractor and government spending was down slightly.

#### **Equities:**

The U.S. stock market, represented by the S&P 500, was up 13.7% for the first quarter of 2019. This marks the strongest quarter for U.S. equities since 2009 when the market was rebounding from the 2008 recession. Large cap stocks underperformed small caps for the quarter as the Wilshire Large-Cap Index was up 14.0% versus a gain of 15.5% for the Wilshire US Small-Cap Index. The large-cap segment of the market leads small-caps, however, for the past twelve months. Growth stocks led value during the first quarter and outperformed, generally, during the past twelve months. All eleven major sectors were in positive territory during the first quarter, most by double-digits. The strongest performing sectors were Information Technology (20.8%), Real Estate (17.3%) and Industrials (17.0%).

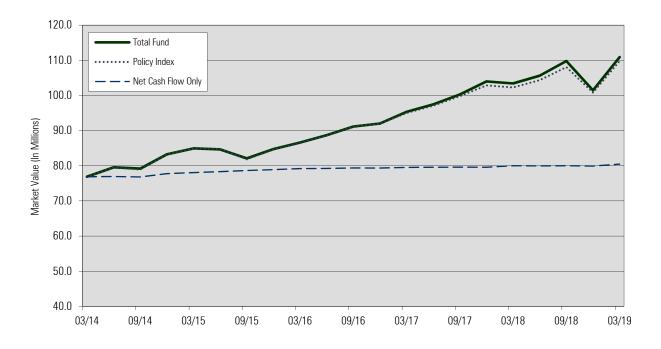
#### **Fixed Income:**

The U.S. Treasury yield curve fell across most maturities during the quarter with the biggest decreases occurring in the 5 to 10-year portion of the curve. The bellwether 10-year Treasury yield ended the quarter at 2.4%, down .3% from December. The Federal Open Market Committee left its overnight rate unchanged during the quarter at a range of 2.25% to 2.50%. The committee adjusted their forecast for future rates, communicated through their "dot plot," from two rate increases in 2019 to zero. The FOMC also adopted a more dovish position on unwinding their balance sheet. Credit spreads tightened during the quarter within both the investment grade and high yield markets.

#### **Alternatives:**

Performance gains caused hedge fund assets to surge in 1Q19 by \$79 billion; bringing total hedge fund assets to \$3.2 trillion globally. The HFRI Fund Weighted Composite Index gained +5.7% in 1Q19, the strongest quarter since 2006. Direct real estate strategies also advanced during 1Q19 despite many large managers writing down retail and mall related properties.

#### II. PORTFOLIO GROWTH- PERIOD ENDED MARCH 31, 2019



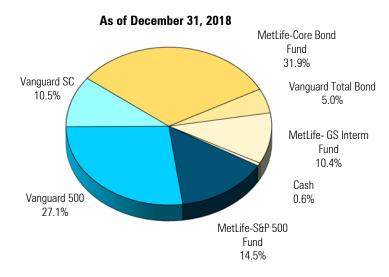
Period Ending	Beginning Value \$(000)	Net Cash Flow	Net Gain/Loss	Ending Value \$(000)	Quarterly Return	Fiscal Yr Return
Mar-14	75,090	506	1,280	76,876	1.7%	
Jun-14	76,876	72	2,597	79,546	3.4%	
Sep-14	79,546	-133	-229	79,183	-0.3%	
Dec-14	79,183	947	3,123	83,254	3.9%	<mark>8.9%</mark>
Mar-15	83,254	307	1,371	84,932	1.6%	
Jun-15	84,932	258	-546	84,644	-0.6%	
Sep-15	84,644	328	-2,890	82,082	-3.4%	
Dec-15	82,082	247	2,414	84,742	2.9%	<mark>0.4%</mark>
Mar-16	84,742	307	1,539	86,588	1.8%	
Jun-16	86,588	42	2,053	88,683	2.4%	
Sep-16	88,683	128	2,337	91,148	2.6%	
Dec-16	91,148	-19	895	92,024	1.0%	<mark>8.0%</mark>
Mar-17	92,024	176	3,129	95,329	3.4%	
Jun-17	95,329	50	2,064	97,443	2.1%	
Sep-17	97,443	27	2,812	100,283	2.9%	
Dec-17	100,283	-27	3,738	103,993	3.7%	<mark>12.7%</mark>
Mar-18	103,993	418	-997	103,415	-1.0%	
Jun-18	103,415	-39	2,232	105,607	2.2%	
Sep-18	105,607	60	4,111	109,779	3.9%	
Dec-18	109,779	-93	-8,226	101,459	-7.5%	<mark>-2.8%</mark>
Mar-19	101,459	536	8,915	110,911	8.8%	<mark>8.8%</mark>

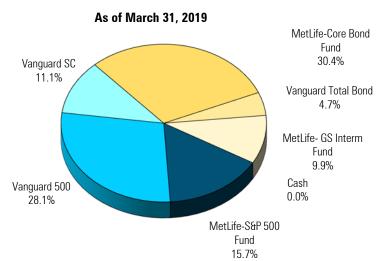
#### III. Market Values

Manager	Market Values as of 12/312018	Market Values as of 3/31/2019
MetLife Equity Index	\$14,710,139	\$17,359,635
Vanguard Inst 500 Index	\$27,468,203	\$31,218,875
Vanguard Small-Cap Index	\$10,624,030	\$12,345,514
MetLife Core Bond Index Fund	\$32,316,735	\$33,708,261
Vanguard Total Bond Index	\$5,116,411	\$5,267,207
Goldman Sachs Fund	\$10,596,494	\$11,010,709
Cash	\$627,264	\$654
Total Fund	\$101,459,276	\$110,910,855

#### Asset Mix Policy – at market value

Asset Class	Minimum Weight	Target Weight	Maximum Weight	Comment
Domestic – Large Cap	35.0%	40.0%	50.0%	Within Range
Domestic – Small Cap	5.0%	10.0%	20.0%	Within Range
Fixed Income – Core	30.0%	37.5%	50.0%	Within Range
Fixed Income - Intermediate	0.0%	12.5%	25.0%	Within Range
Cash Equivalents	0.0%	0.0%	5.0%	Within Range





#### IV. PERFORMANCE COMPARISONS (Gross of Fees)

#### A. Total Fund Analysis

Total Fund vs. Total Fund Universe	1st Quarter Return	1 Year Return	3 Years Return	5 Years Return
Total Fund	8.8%/36 <sup>th</sup>	6.8%/7 <sup>th</sup>	8.1%/59 <sup>th</sup>	6.7%/31st
Policy Index*	8.3%/42 <sup>nd</sup>	6.9%/6 <sup>th</sup>	7.8%/65 <sup>th</sup>	6.5%40 <sup>th</sup>

<sup>\*</sup>Policy Index: Effective 1/01/2016: 40% S&P 500, 10% Russell 2000, 37.5% Barclays Aggregate, 12.5% Barclays Interm Govt/Credit. Effective 1/1/05-12/31/2015: 40% S&P 500, 15% Russell 2000, 45% Barclays Aggregate. Prior to 1/1/05: 40% S&P 500, 10% Russell 2000, 50% Lehman Aggregate. Prior to 4/1/00: 30% S&P 500, 10% Russell 2000, 60% Lehman Aggregate.

#### **B.** Equity Fund Analysis

Segment	1st Quarter Return	1 Year Return	3 Year Return	5 Year Return
Total Large Cap Equity	13.7%/38 <sup>th</sup>	9.4%/44 <sup>th</sup>	13.4%/56 <sup>th</sup>	10.9%/54 <sup>th</sup>
MetLife Equity Index	13.6%/48 <sup>th</sup>	9.9%/21 <sup>st</sup>	13.7%/34 <sup>th</sup>	11.0%/27 <sup>th</sup>
Vanguard Inst 500 Index (Incept 8/19/2016)	13.7%/38 <sup>th</sup>	9.0%/56 <sup>th</sup>	N/A	N/A
S&P 500	13.7%/38 <sup>th</sup>	9.5%/28 <sup>th</sup>	13.5%/44 <sup>th</sup>	10.9%/36 <sup>th</sup>

Manager	1st Quarter Return	1 Year Return	3 Years Return	5 Years Return
Total Small Cap Equity	16.2%/5 <sup>th</sup>	5.6%/11 <sup>th</sup>	13.4%/22 <sup>nd</sup>	7.4%/42 <sup>nd</sup>
Vanguard Small-Cap Index (Incept 8/19/2016)	16.2%/5 <sup>th</sup>	5.6%/11 <sup>th</sup>	N/A	N/A
CRSP Small Cap Index	16.2%/5 <sup>th</sup>	5.6%/11 <sup>th</sup>	12.8%/43 <sup>rd</sup>	7.9%/32 <sup>nd</sup>

#### C. Fixed Income Fund Analysis

Manager	1st Quarter Return	1 Year Return	3 Years Return	5 Years Return
Total Fixed Income	2.9%/56 <sup>th</sup>	4.5%/66 <sup>th</sup>	2.0%/99 <sup>th</sup>	2.7%/93 <sup>rd</sup>
MetLife Core Bond Index Fund*	2.9%/53 <sup>rd</sup>	4.4%/68 <sup>th</sup>	2.0%/99 <sup>th</sup>	N/A
Vanguard Total Bond Index	3.0%/51 <sup>st</sup>	5.3%/1 <sup>st</sup>	N/A	N/A
BBG Barc US Aggregate	2.9%/51st	4.5%/66 <sup>th</sup>	2.0%/91st	2.7%/93 <sup>rd</sup>

<sup>\*</sup> Vanguard Total Bond Fund inception date: April 26, 2018.

Manager	1st Quarter Return	1 Year Return	3 Years Return	5 Years Return
Goldman Sachs Interm Bond Fund*	2.6%/30 <sup>th</sup>	4.5%/36 <sup>th</sup>	1.9%/52 <sup>nd</sup>	N/A
BBG Barc Intermediate Govt/Credit	2.3%/72 <sup>nd</sup>	4.2%/61 <sup>st</sup>	1.7%/80 <sup>th</sup>	1.5%/73 <sup>rd</sup>

<sup>\*</sup> MetLife Core Bond Index Fund and Goldman Sachs Intermediate Fund inception date: September 28, 2015.



#### D. Cash Analysis

Manager	1st Quarter Return	1 Year Return	3 Years Return	5 Years Return
Cash Account	0.2%/97 <sup>th</sup>	0.6%/97 <sup>th</sup>	0.4%/100 <sup>th</sup>	0.3%/100 <sup>th</sup>
91-Day T-Bills	0.6%/30 <sup>th</sup>	2.1%/36 <sup>th</sup>	1.2%/39 <sup>th</sup>	0.7%/46 <sup>th</sup>

#### V. ANNUALIZED RETURN SINCE INCEPTION

Fund	Fund Return	Index Return
MetLife Equity Index (4/1/00)	5.5%	5.4%
Vanguard Inst 500 Index (8/19/16)	12.9%	13.2%
Vanguard Small-Cap Index (8/19/16)	10.9%	10.9%
MetLife Core Bond Index Fund (9/28/15)	2.4%	2.4%
Vanguard Total Bond Index (4/26/18)	5.3%	5.3%
Goldman Sachs Interm Fund (9/28/15)	2.2%	1.9%
Total Fund (1/1/99)	5.6%	6.0%

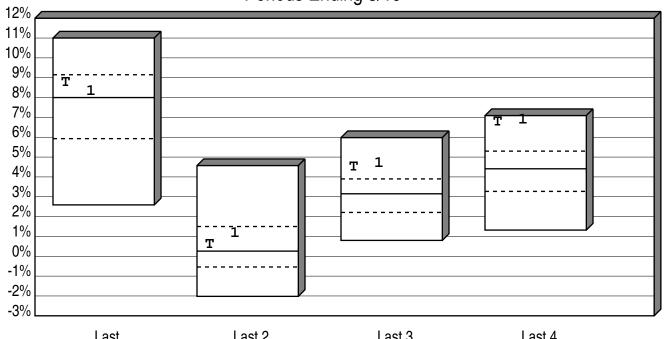
#### **Historical Annual Returns**

Year	Total Fund Market Value (\$ Million)	Total Fund Gross Return	Benchmark Return	Actuarial Assumption
1999	\$42.0	1.7%	8.0%	8.5%
2000	\$42.9	1.2%	1.6%	8.5%
2001	\$43.5	-0.1%	0.4%	8.5%
2002	\$40.8	-6.2%	-6.0%	8.5%
2003	\$48.3	17.5%	17.9%	8.5%
2004	\$52.2	8.4%	8.4%	8.5%
2005	\$54.4	4.2%	3.8%	8.5%
2006	\$60.7	10.8%	11.0%	8.5%
2007	\$61.7	5.1%	5.2%	8.5%
2008	\$50.4	-16.4%	-18.9%	8.5%
2009	\$54.6	15.3%	17.7%	8.5%
2010	\$60.4	11.8%	13.5%	7.5%
2011	\$61.6	4.5%	4.5%	7.5%
2012	\$66.2	9.8%	10.8%	7.5%
2013	\$75.1	15.5%	16.7%	7.5%
2014	\$83.3	8.9%	9.0%	7.0%
2015	\$84.7	0.4%	0.4%	7.0%
2016	\$92.0	8.0%	8.1%	7.0%
2017	\$103.9	12.7%	11.6%	7.0%
2018	\$101.5	-2.8%	-2.3%	7.0%
2019 YTD	\$110.9	8.8%	8.3%	7.0%

#### **Annual Fee Estimate**

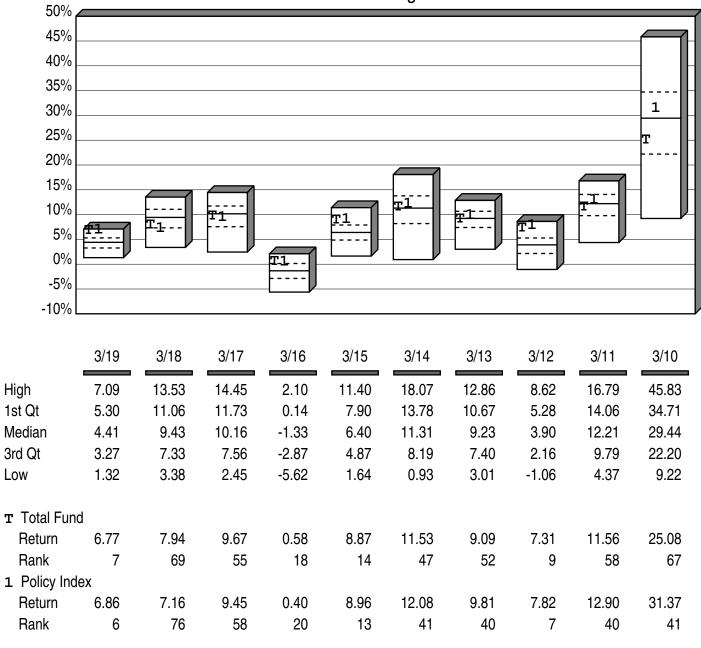
Manager	Fee Schedule	Estimated Annual Basis Point Fee
MetLife Large Cap Core Index	.18% on first \$5 mil	9
	.075% on next \$5 mil	
	.05% on balance	
Vanguard Inst 500 Index	.04% on balance	4
Vanguard Small-Cap Index	.07% on balance	7
MetLife Core Bond Index	.10% on first \$25 mil	9
	.08% on next \$25 mil	
	.06% on balance	
Vanguard Total Bond Index	.04% on balance	4
Goldman Sachs Intermediate Fixed Inc	.55% on first \$2.5 mil	48
	.50% on next \$2.5 mil	
	.45% on next \$5 mil	
	.40% on next \$15 mil	
	.30% on next \$50 mil	
	.20% on next \$75 mil	

## City of Dalton Employee's Pension Plan Cumulative Performance Comparison Total Returns of Total Fund Portfolios Periods Ending 3/19

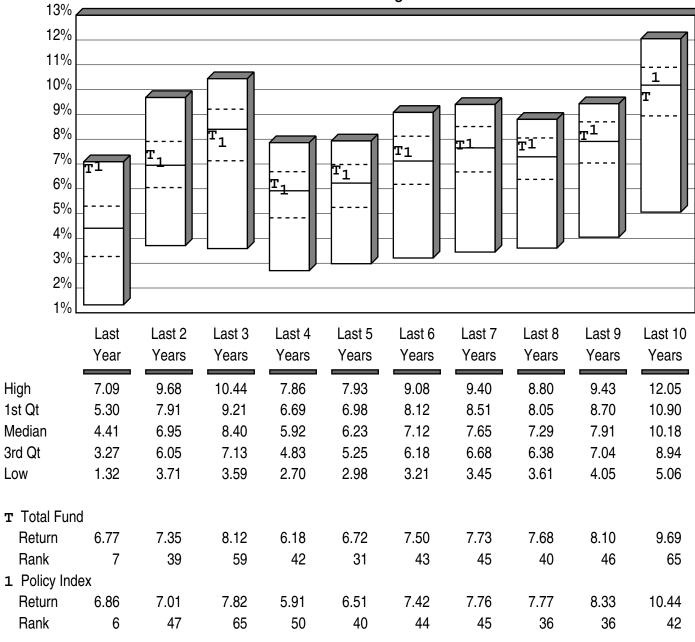


	Qtr	Qtrs	Qtrs	Qtrs
High	11.00	4.57	5.98	7.09
1st Qt	9.15	1.50	3.90	5.30
Median	8.00	0.26	3.15	4.41
3rd Qt	5.93	-0.54	2.21	3.27
Low	2.59	-2.02	0.80	1.32
T Total Fund Return Rank	8.75 36	0.59 45	4.51 15	6.77 7
<ul><li>1 Policy Index</li><li>Return</li><li>Rank</li></ul>	8.31 42	1.15 32	4.67 11	6.86 6
ιαικ	42	32	11	U

## City of Dalton Employee's Pension Plan Consecutive Performance Comparison Total Returns of Total Fund Portfolios Years Ending

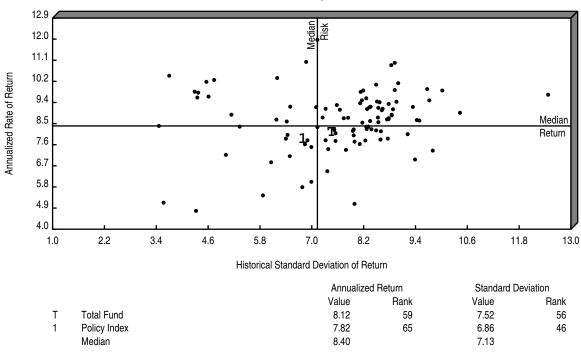


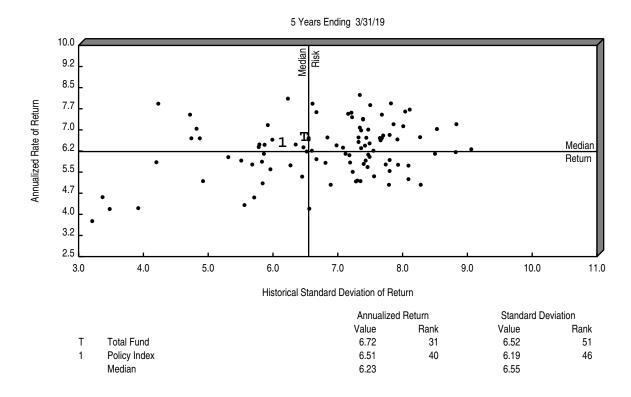
## City of Dalton Employee's Pension Plan Cumulative Performance Comparison Total Returns of Total Fund Portfolios Periods Ending 3/19



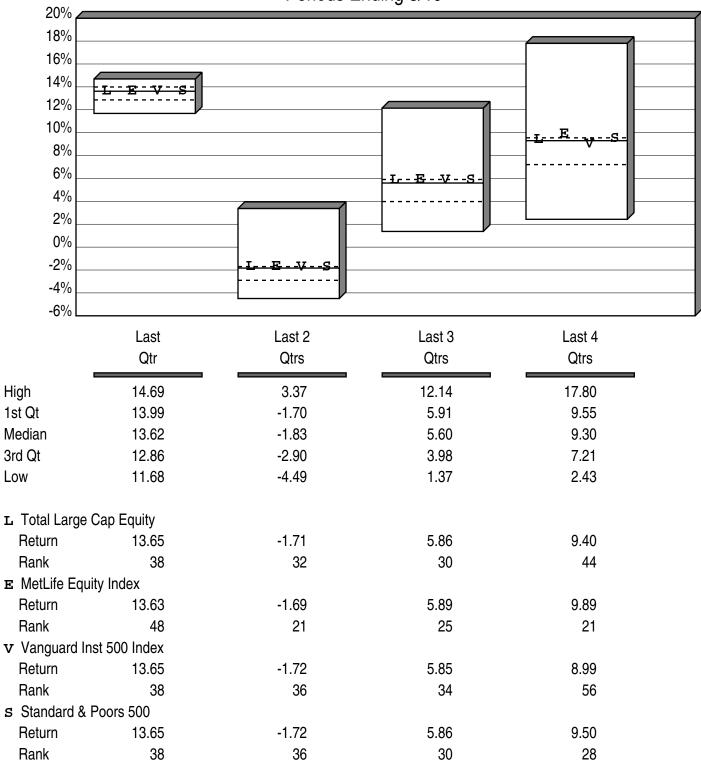
## City of Dalton Employee's Pension Plan Return vs Risk Total Returns of Total Fund Portfolios

3 Years Ending 3/31/19

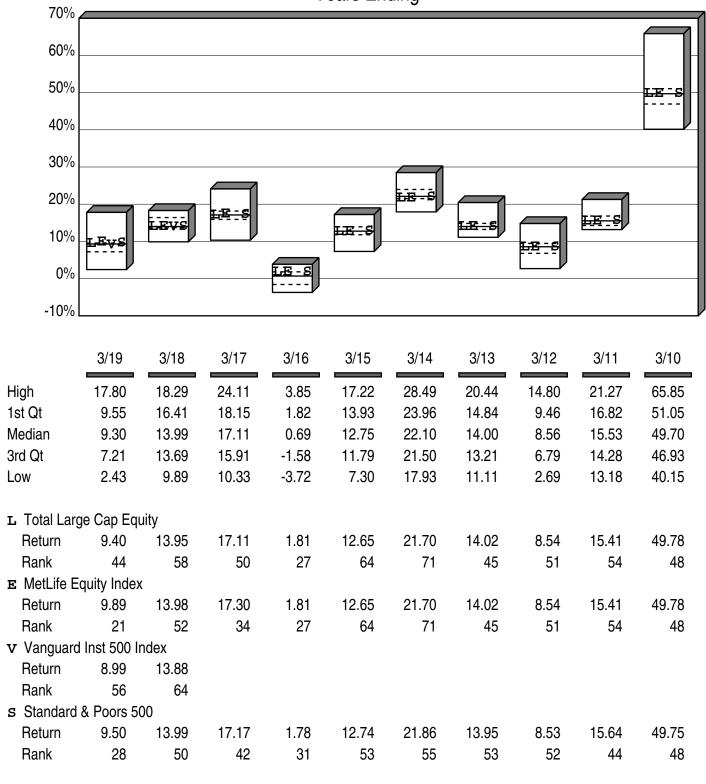




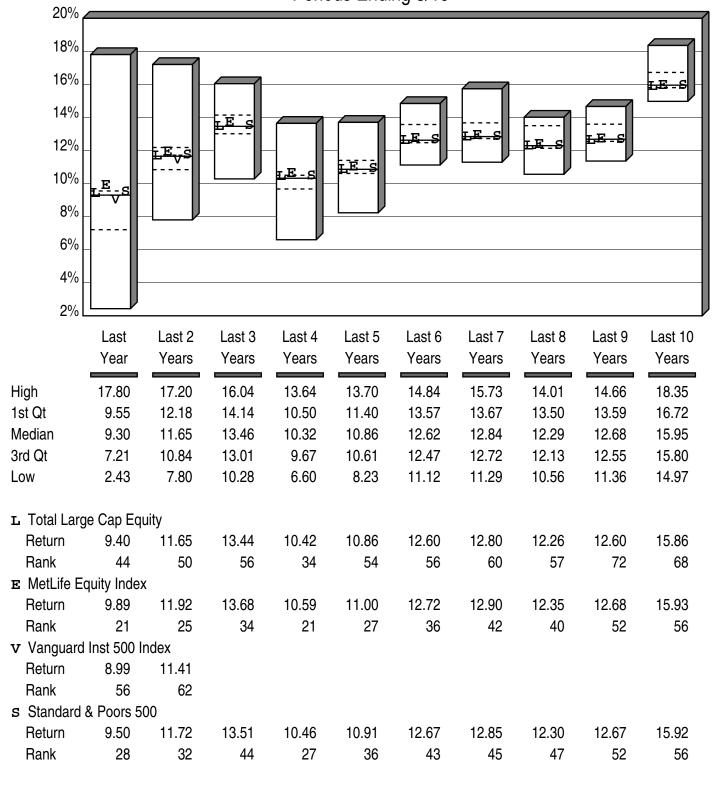
## City of Dalton Employee's Pension Plan Large Neutral Cumulative Performance Comparisons Total Returns of Equity Portfolios Periods Ending 3/19



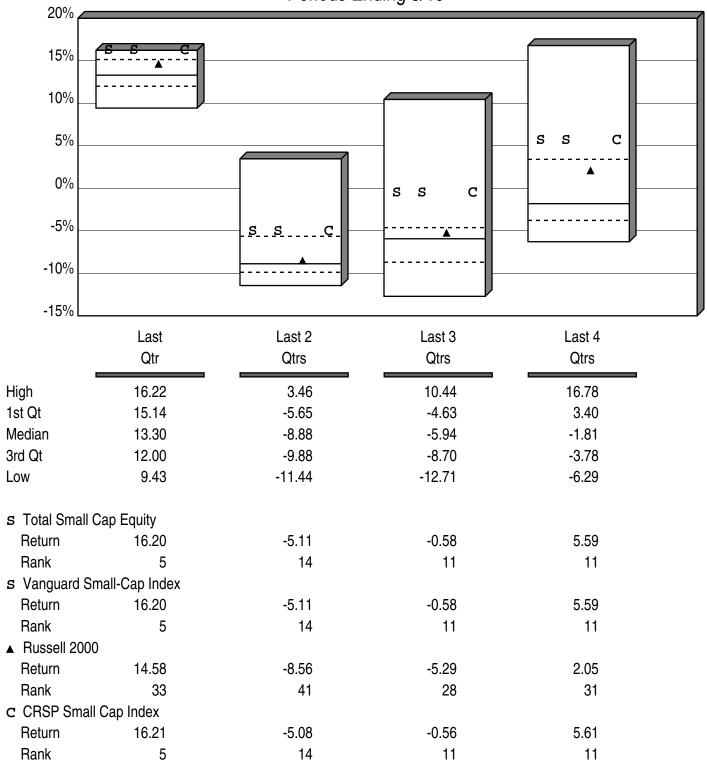
## City of Dalton Employee's Pension Plan Large Neutral Consecutive Performance Comparisons Total Returns of Equity Portfolios Years Ending



## City of Dalton Employee's Pension Plan Large Neutral Cumulative Performance Comparisons Total Returns of Equity Portfolios Periods Ending 3/19



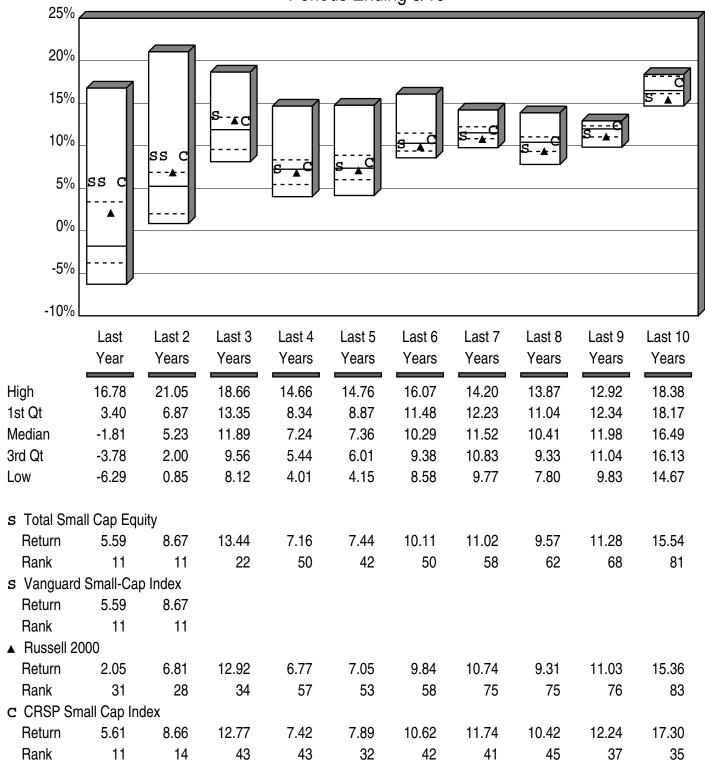
## City of Dalton Employee's Pension Plan Small Neutral Cumulative Performance Comparisons Total Returns of Equity Portfolios Periods Ending 3/19



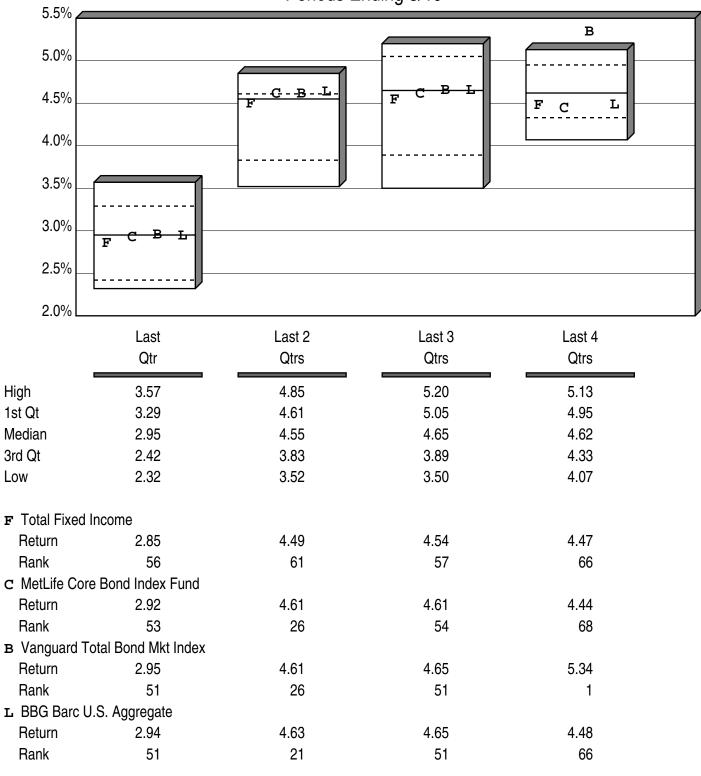
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High	16.78	25.97	34.53	2.73	14.64	33.36	21.75	9.42	33.07	91.83
1st Qt	3.40	13.08	26.60	-2.62	10.88	29.06	19.46	3.46	26.79	81.92
Median	-1.81	10.46	23.88	-4.36	8.14	26.19	17.35	2.04	25.02	63.69
3rd Qt	-3.78	7.32	21.24	-7.20	5.74	22.99	15.26	-0.48	22.46	60.92
Low	-6.29	4.05	18.44	-11.06	1.02	19.51	9.87	-3.66	17.27	44.94
s Total Sma	all Cap Equ	uity								
Return	5.59	11.83	23.62	-9.65	8.54	24.49	16.67	-0.09	26.01	61.90
Rank	11	40	50	89	43	65	56	69	35	58
s Vanguard	Small-Ca	p Index								
Return	5.59	11.83								
Rank	11	40								
▲ Russell 20	000									
Return	2.05	11.79	26.22	-9.76	8.21	24.90	16.30	-0.17	25.78	62.77
Rank	31	41	30	89	45	63	61	71	37	50
c CRSP Sm	•									
Return	5.61	11.80	21.45	-7.16	9.82	25.33	18.71	1.57	28.01	74.45
Rank	11	41	72	73	29	55	31	53	12	37

## City of Dalton Employee's Pension Plan Small Neutral Cumulative Performance Comparisons Total Returns of Equity Portfolios Periods Ending 3/19



# City of Dalton Employee's Pension Plan Fixed Income Core Cumulative Performance Comparisons Total Returns of Fixed Income Portfolios Periods Ending 3/19



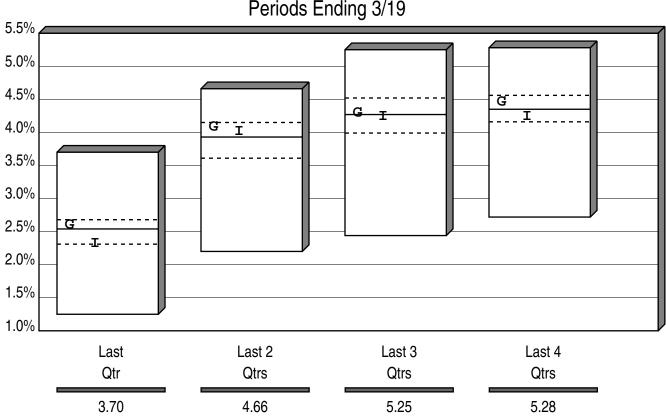
## City of Dalton Employee's Pension Plan Fixed Income Core Consecutive Performance Comparisons Total Returns of Fixed Income Portfolios Years Ending

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	3/19	3/18	3/17	3/16	3/15	3/14	3/13	3/12	3/11	3/10
High	5.13	2.75	2.47	3.20	7.46	1.93	7.86	8.79	14.29	49.63
1st Qt	4.95	2.19	1.58	2.49	6.67	1.50	6.40	8.62	9.21	16.34
Median	4.62	1.74	0.85	2.17	6.23	0.78	5.46	8.39	6.14	12.32
3rd Qt	4.33	1.38	0.50	1.85	6.01	0.33	4.27	7.47	5.58	9.59
Low	4.07	1.03	0.06	1.70	3.81	-0.07	3.93	5.78	4.14	1.72
F Total Fixe	d Income									
Return	4.47	1.03	0.43	1.87	5.74	-0.04	3.82	7.78	5.14	7.73
Rank	66	95	87	67	80	91	99	63	87	84
c MetLife Co	ore Bond I	ndex Fund								
Return	4.44	1.17	0.32							
Rank	68	81	87							
в Vanguard	Total Bon	d Mkt Inde	Х							
Return	5.34									
Rank	1									
⊾ BBG Barc	U.S. Agg	regate								
Return	4.48	1.20	0.44	1.96	5.72	-0.10	3.77	7.72	5.12	7.70
Rank	66	81	83	64	80	99	99	64	87	84

## City of Dalton Employee's Pension Plan Fixed Income Core Cumulative Performance Comparisons Total Returns of Fixed Income Portfolios Periods Ending 3/19

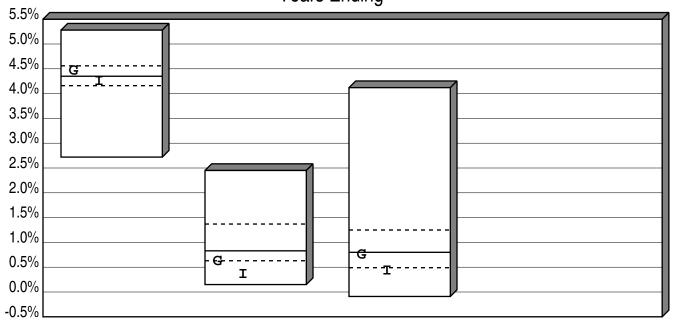
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	Last	Last 2	Last 3	Last 4	Last 5	Last 6	Last 7	Last 8	Last 9	Last 10
	Year	Years	Years	Years	Years	Years	Years	Years	Years	Years
High	5.13	3.60	3.13	2.81	4.61	4.50	5.91	6.07	6.95	10.48
1st Qt	4.95	3.35	2.42	2.58	3.75	3.12	3.76	4.56	4.94	5.67
Median	4.62	3.11	2.36	2.39	3.19	2.67	3.07	3.63	4.06	4.81
3rd Qt	4.33	2.95	2.19	2.17	2.98	2.54	2.83	3.48	3.72	4.49
Low	4.07	2.66	1.97	1.96	2.62	2.38	2.68	3.23	3.58	3.98
F Total Fixed	d Income									
Return	4.47	2.74	1.96	1.94	2.69	2.23	2.45	3.10	3.33	3.76
Rank	66	94	99	100	93	99	99	99	99	99
c MetLife Co										
Return	4.44	2.79	1.96							
Rank	68	94	99							
B Vanguard										
Return	5.34	is with indo	^							
Rank	1									
L BBG Barc	IIS Aga	renate								
Return	4.48	2.83	2.03	2.01	2.74	2.26	2.48	3.12	3.34	3.77
Rank	66	2.03 82	2.03 91	95	93	99	99	99	99	99
IIaiik	00	02	וט	90	30	שט	שט	שט	שט	33

## City of Dalton Employee's Pension Plan Intermediate Term Cumulative Performance Comparisons Total Returns of Fixed Income Portfolios Periods Ending 3/19



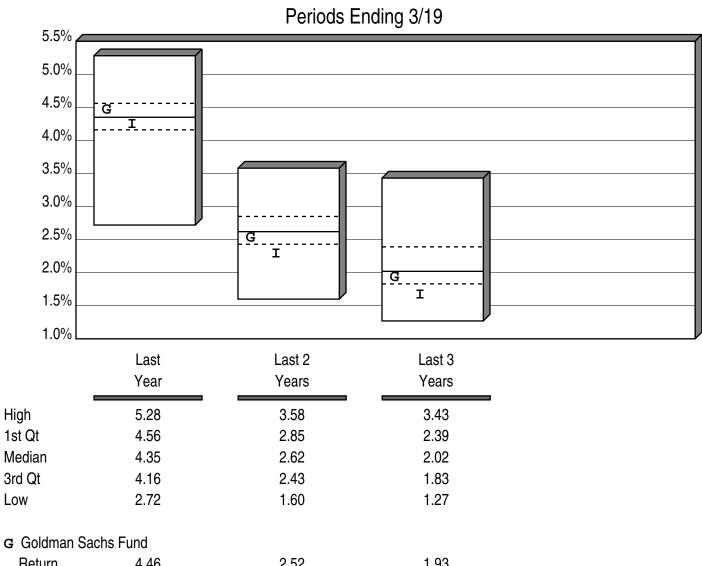
	Qtr	Qtrs	Qtrs	Qtrs
High	3.70	4.66	5.25	5.28
1st Qt	2.68	4.15	4.52	4.56
Median	2.54	3.93	4.27	4.35
3rd Qt	2.31	3.61	3.99	4.16
Low	1.25	2.20	2.44	2.72
G Goldman Sa	chs Fund			
Return	2.60	4.08	4.29	4.46
Rank	30	30	47	36
I BBG Barc In	t Govt/Credit			
Return	2.32	4.01	4.24	4.24
Rank	72	38	61	61

## City of Dalton Employee's Pension Plan Intermediate Term Consecutive Performance Comparisons Total Returns of Fixed Income Portfolios Years Ending



	3/19	3/18	3/17
High	5.28	2.45	4.12
1st Qt	4.56	1.37	1.25
Median	4.35	0.83	0.80
3rd Qt	4.16	0.63	0.49
Low	2.72	0.15	-0.09
<b>G</b> Goldman Sa	ichs Fund		
Return	4.46	0.61	0.75
Rank	36	75	52
I BBG Barc In	t Govt/Credit		
Return	4.24	0.35	0.42
Rank	61	94	84

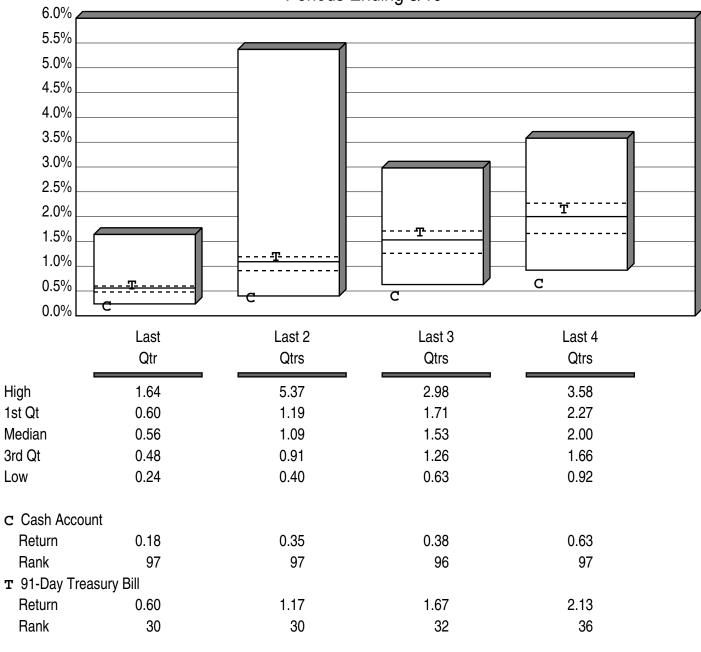
## City of Dalton Employee's Pension Plan Intermediate Term Cumulative Performance Comparisons Total Returns of Fixed Income Portfolios



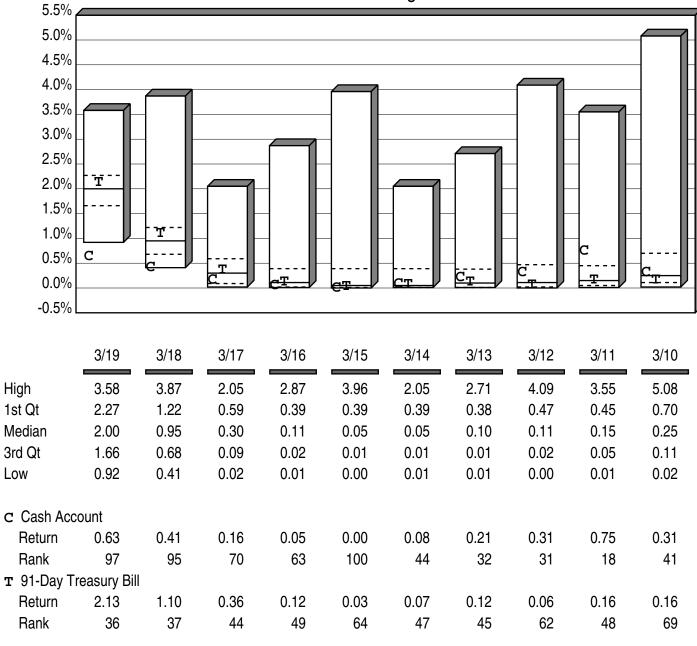
<b>G</b> Goldman Sa	achs Fund		
Return	4.46	2.52	1.93
Rank	36	61	52
I BBG Barc Ir	nt Govt/Credit		
Return	4.24	2.28	1.66
Rank	61	77	80

Low

## City of Dalton Employee's Pension Plan Cumulative Performance Comparison Total Returns of Short Term Portfolios Periods Ending 3/19



## City of Dalton Employee's Pension Plan Consecutive Performance Comparison Total Returns of Short Term Portfolios Years Ending



## City of Dalton Employee's Pension Plan Cumulative Performance Comparison Total Returns of Short Term Portfolios Periods Ending 3/19

