

# Taunton Contributory Retirement System

Performance Review June 2019





#### **ECONOMIC ENVIRONMENT**

#### **Mostly Good News**

Second quarter GDP (advance estimate) grew by 2.1%, a percent lower than the prior quarter. Higher net imports and serious trade

Real Economic Growth

3.0

1.0

-1.0

4 15 16 17 18 19

-3.0

issues with China contributed to the slowing rate.

The June jobs report was a pleasant surprise after a tepid May showing. June saw job gains totaling 224,000 and averaging 171,000 for the quarter. June's gains were across the board, including manufacturing, professional services, health, transportation,

and construction. Unemployment ticked down slightly over the quarter to 3.7%.

May's existing home sales jumped 2.5%, in line with falling mortgage rates. All regions of the country participated. However, new home sales fell almost 8% in May, as rising home prices squelched buyers' enthusiasm. \$278,000 was the national median sale price for existing homes while the median for new homes was approximately \$308,000. Those prices masked great variability by region.

The ISM Manufacturing Index has now grown for more than 10 years. This represents the 122<sup>nd</sup> consecutive month of growth! The production index component increased to 54.1% (greater than 50% represents growth), but, other related measures modestly decreased. 12 of the 18 manufacturing industries grew, while the clothing, primary metals, and transportation equipment sectors contracted. On the services side, the Non-Manufacturing Index registered 55.1%, modestly down from May's 56.9%. Very favorably, 16 of 17 service industries reported growth. Only the arts, entertainment and recreation industry slowed.

The University of Michigan Consumer Sentiment Index fell slightly from 100 to 98 in June, as higher income consumers were pointedly concerned about the economic fallout from US-China tariffs. While

more bad news on that front could further dampen consumer confidence, any tariff pullback would likely be a relief.

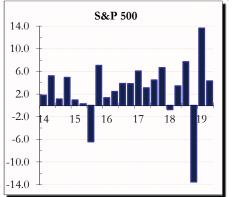
While commodity prices continued to slide, the 2<sup>nd</sup> quarter loss was contained to 1.2%. Key components were energy (-4.6%) and especially its natural gas component (-16.2%). Livestock (-11%) and industrial metals (-7.2%) didn't help. On the plus side, agricultural prices rose 4.5% and gold climbed 9%.

In June, the Fed announced that it would maintain its  $2^{1/4}\%-2^{1/2}\%$  Fed funds rate. While citing good news on the labor and economic fronts, it also voiced concern for softer future economic growth. The Fed statement implied that it was seriously considering one or more rate cuts this year into early 2020. However, the surprisingly high new job statistics reported in early July led investors to question the timing and extent of future rate cuts. Still, as the markets closed in June, hopes remained high for both rate cuts and renewed China–US tariff negotiations. Those factors, more than any other, lifted equity and bond markets in the second quarter.

### **DOMESTIC EQUITIES**

#### **A Strong Quarter Overall**

It was a solid up-quarter for stocks, despite the breakdown in US-China trade negotiations that triggered May's market fall. Not only



did the S&P 500 log a 4.3% gain, but the tech-oriented NASDAQ posted 3.9% and the industrial-tilted DJIA added 3.2%. Growth-style indices continued their trend of outperformance relative to their value counterparts in the 2<sup>nd</sup> quarter, as the Russell 1000 Growth Index earned 4.6% vs. 3.8% for the Value Index. The same was true for mid-cap and

small-cap stocks, but with still wider gaps. For example, the Russell 2000 Growth Index rose 2.7% vs. 1.4% for the Value Index. Growth-

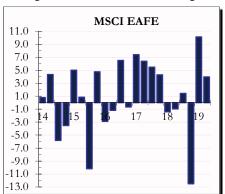
style indices across all cap sizes are now outperforming their value counterparts on a 1, 3, 5, and 10-year basis.

10 of the 11 S&P sectors showed positive results. The energy sector (-2.8%) was the only one to lose ground due to price pullbacks and a growing supply. Healthcare was the second-worst sector, moving up just 1.4%, as calls continued for drug reform. All other sectors returned between 2.5% and 8%. Financials performed best as government stress tests showed the major banks' balance sheets to be in good shape. Tech stocks, with an S&P weight of almost 22%, also performed well (+6.1%). Microsoft (+14%), the largest component of the tech sector, was just one example of robust gains.

#### INTERNATIONAL EQUITIES

#### **Mixed Reviews Globally**

The temporary breakdown in US-China trade talks cast a pall on European and Pacific developed markets. Still, investors remained



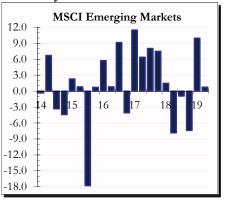
positive. Not only did they hold out hope for further rate cuts by both the European and Australian central banks, but they also believed the trade mess would eventually resolve itself favorably. In turn, these attitudes boosted many country returns in June and for the quarter, sending EAFE up 4%. The Euro region was a bright spot, returning 6.5%. The two

biggest Euro markets, France and Germany, gained 7.3% and 7.8%, respectively. French investors looked forward to tax cuts and the end of the destabilizing yellow vest demonstrations. The French economy also seemed to be on the mend. In Germany, a survey revealed that residents had high consumer confidence; more good news came from its strong service sector. Italy, the third largest European economy, struggled as its market trailed (+3.6%). Arguably, a moribund economy and nationalistic politics could have weighed down returns even more. Ireland (+4.9%) performed surprisingly well, considering the possibility of a disorderly Brexit,

which could negatively impact trade with its UK neighbor. The UK market itself was among the poorest performers, earning just 0.9%. Stalled Brexit negotiations accounted for the weak showing despite respectable retail sales and relatively low unemployment.

Hong Kong citizenry shuddered over the prospect of a law allowing extradition of its citizens to mainland China. The US-China trade impasse also concerned investors. This resulted in a very modest 1% return for the Hong Kong market. The Japanese economy benefited from consumer buying in advance of a new sales tax. However, its exports sank in sync with global trade tensions. Falling exports predominated, with the Japanese market rising a mere 1.1%. Singapore shares rose 7%, bolstered by heavy government and consumer spending. Israel fared worst among developed markets (-3.5%), due to a drop-off in natural gas exports and especially because of the political quagmire involving PM Netanyahu.

There were several reasons for the very low 0.7% EM return. Volatility related to the US-China trade impasse was certainly a big



issue. Additionally, election uncertainty, political disarray and economic weakness in many countries all contributed. The 2<sup>nd</sup> quarter continued a fairly long pattern of poor results. The hope is for an eventual turnaround, fueled by a resilient China and political stability. However, the range of country returns this past quarter was quite wide. Brazil,

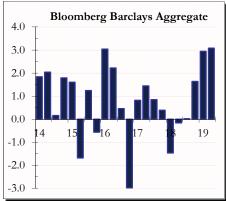
Russia, India and China (BRIC) are the four heavy-weight economies in the EM index. Collectively, they returned -0.1%. Yet Brazil and Russia rose strongly. Brazil's market gained 7.2% despite that country's poorly performing exports. It owes its healthy return to news that the huge state-owned Petrobras plans to sell assets to reduce its debt load and the fact that the newly re-elected President Bolsonaro retains wide support. Moving on to Russia, there is no easy explanation for Russian shares to advance 17.3%. A partial explanation is that Russian oil shipments still helped the economy despite volatile prices. Additionally, state-owned Sberbank shares climbed 25% based on a turnaround in profits. China was the worst

performer (-3.9%), as the trade impasse with the US and falling industrial production hit hard. Importantly, the growth trajectories of consumer technology companies, including Alibaba and Tencent, skidded. In turn, China's difficulties had a spillover effect on its smaller trading partners.

#### **BOND MARKET**

#### **Price Gains All Around**

Bonds followed stocks upward during the second quarter rally. Correspondingly, US Treasury yields declined significantly all along



the yield curve. This was in reaction to Fed comments on several topics: possible rate cuts, the low inflation rate, and negative sovereign yields offshore.

The combined Treasury Index returned 3.0%. Since Treasuries make up 40% of the Barclays Aggregate Index, that benchmark returned a similar 3.1%. The Aggregate's

corporate bond sector performed better still, earning 4.5%. Within the corporate sector, utility and industrial bonds each earned approximately 4.7%. Financial issues lagged modestly, rising 3.9%. The lower the credit rating, the higher the return was the rule for

investment grade credits. For example, AAA credits averaged a 2.7% return while BAA's averaged 4.8%.

Residential mortgage-backed paper returned almost 2%, as investors were wary of higher prepayments and refinancing in a falling mortgage rate environment. On the other hand, commercial mortgage issues performed better (+3.3%). It is worth mentioning that prepayments are restricted in this sector.

The US dollar had mixed currency results compared to other major G-7 currencies. The British pound and Australian dollar fell while the euro, yen, Canadian dollar and Swiss franc climbed against the US dollar.

Together, the sovereign bonds of the G-6 countries (excluding US Treasuries) rose 3.4%. Italy was the big winner, returning 5.2%. Next was France, up 4.4%. The only laggard was the UK, which actually lost 1%. Currency depreciation impacted the UK return more than the specter of Brexit. The EM Sovereign Debt Index returned 4.5% for the quarter.

#### **CASH EQUIVALENTS**

#### **Keeping Pace with CPI**

The three-month T-Bill returned 0.6% for the second quarter and 2.3% for the latest one-year. Had you owned Treasuries having a longer than one-year maturity, you achieved a latest 12-month return of at least 3%. Surprisingly, money market instruments have more than kept pace with the CPI's anemic 1.6% advance for the latest year.

### **Economic Statistics**

	Current Quarter	Previous Quarter
GDP	2.1%	3.1%
Unemployment	3.7%	3.8%
CPI All Items Year/Year	1.6%	1.9%
Fed Funds Rate	2.50%	2.50%
Industrial Capacity	77.9%	78.4%
US Dollars per Euro	1.14	1.12

### **Domestic Equity Return Distributions**

### Quarter

	VAL	COR	GRO
LC	3.8	4.2	4.6
MC	3.2	4.1	5.4
SC	1.4	2.1	<b>2.</b> 7

**Trailing Year** 

	VAL	COR	GRO
LC	8.4	10.0	11.6
MC	<b>3.</b> 7	7.8	13.9
sc	-6.3	-3.3	-0.5

#### **Major Index Returns**

Index	Quarter	12 Months
Russell 3000	4.1%	9.0%
S&P 500	4.3%	10.4%
Russell Midcap	4.1%	7.8%
Russell 2000	2.1%	-3.3%
MSCI EAFE	4.0%	1.6%
MSCI Emg Markets	0.7%	1.6%
NCREIF ODCE	1.0%	6.4%
U.S. Aggregate	3.1%	7.9%
90 Day T-bills	0.6%	2.3%

### **Market Summary**

- Stocks bounced back at the end of Q2, to continue their 2019 run.
- Growth equities continue to outperform value across all cap sizes.
- Fixed Income markets continue to do well. Markets seem to be pricing in a high probability of rate cuts over the coming months.
- Inflation has continued to be weak.
- Unemployment fell slightly in Q2 to 3.7%.

#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System was valued at \$331,416,079, representing an increase of \$8,475,335 from the March quarter's ending value of \$322,940,744. Last quarter, the Fund posted withdrawals totaling \$1,385,671, which partially offset the portfolio's net investment return of \$9,861,006. Income receipts totaling \$1,015,434 plus net realized and unrealized capital gains of \$8,845,572 combined to produce the portfolio's net investment return.

#### RELATIVE PERFORMANCE

#### **Total Fund**

For the second quarter, the Composite portfolio returned 3.1%, which was 0.3% below the Taunton Policy Index's return of 3.4% and ranked in the 63rd percentile of the Public Fund universe. Over the trailing year, the portfolio returned 7.0%, which was 0.5% below the benchmark's 7.5% return, ranking in the 28th percentile. Since June 2009, the portfolio returned 10.1% annualized and ranked in the 14th percentile. The Taunton Policy Index returned an annualized 10.6% over the same period.

#### **Large Cap Equity**

The large cap equity portion of the portfolio returned 4.4% last quarter; that return was 0.1% greater than the S&P 500 Index's return of 4.3% and ranked in the 45th percentile of the Large Cap universe. Over the trailing twelve-month period, this component returned 13.6%, 3.2% above the benchmark's 10.4% performance, ranking in the 17th percentile. Since June 2009, this component returned 14.9% on an annualized basis and ranked in the 40th percentile. The S&P 500 returned an annualized 14.7% during the same period.

#### **Mid Cap Equity**

During the second quarter, the mid cap equity component returned 4.4%, which was 0.3% greater than the Russell Mid Cap's return of 4.1% and ranked in the 53rd percentile of the Mid Cap universe. Over the trailing year, the mid cap equity portfolio returned 9.8%, which was 2.0% greater than the benchmark's 7.8% return, and ranked in the 40th percentile.

#### **Small Cap Equity**

The small cap equity portfolio gained 1.1% in the second quarter, 1.0% below the Russell 2000 Index's return of 2.1% and ranked in the 81st percentile of the Small Cap universe. Over the trailing year, this segment returned -2.4%, 0.9% above the benchmark's -3.3% performance, and ranked in the 52nd percentile. Since June 2009, this component returned 13.2% annualized and ranked in the 86th percentile. For comparison, the Russell 2000 returned an annualized 13.4% over the same period.

### **International Equity**

In the second quarter, the international equity component gained 3.1%, which was 0.1% above the Taunton International Index's return of 3.0% and ranked in the 42nd percentile of the International Equity universe. Over the trailing year, the international equity portfolio returned 0.7%, which was 0.6% below the benchmark's 1.3% return, ranking in the 48th percentile. Since June 2009, this component returned 6.8% annualized and ranked in the 84th percentile. For comparison, the Taunton International Index returned an annualized 6.3% over the same time frame.

#### **Developed Markets Equity**

During the second quarter, the developed markets equity segment returned 3.5%, which was 0.5% greater than the Taunton International Index's return of 3.0% and ranked in the 35th percentile of the International Equity universe. Over the trailing twelve months, the developed markets equity portfolio returned 0.3%, which was 1.0% less than the benchmark's 1.3% return, and ranked in the 52nd percentile. Since June 2009, this component returned 7.3% annualized and ranked in the 75th percentile. The Taunton International Index returned an annualized 6.3% over the same period.

#### **Emerging Markets Equity**

The emerging markets equity assets gained 1.7% during the second quarter; that return was 1.0% greater than the MSCI Emerging Market Index's return of 0.7% and ranked in the 47th percentile of the Emerging Markets universe. Over the trailing year, this segment returned 2.3%; that return was 0.7% greater than the benchmark's 1.6% return, ranking in the 45th percentile.

#### **Alternate Assets**

In the second quarter, the alternative assets segment returned 0.0%, which was 14.0% less than the Russell 3000 (Lagged)'s return of 14.0%. Over the trailing year, this component returned -1.6%, which was 10.4% less than the benchmark's 8.8% performance. Since June 2009, this component returned 7.9% per annum, while the Russell 3000 (Lagged) returned an annualized 16.0% over the same time frame.

#### **Real Assets**

During the second quarter, the real assets segment gained 1.7%, which was 0.6% greater than the Real Asset Index's return of 1.1%. Over the trailing year, this component returned 8.0%, which was 1.1% greater than the benchmark's 6.9% return. Since June 2009, this component returned 12.2% annualized, while the Real Asset Index returned an annualized 13.1% over the same time frame.

#### **Fixed Income**

During the second quarter, the fixed income segment gained 3.2%, which was 0.1% less than the Bloomberg Barclays Global Aggregate Index's return of 3.3% and ranked in the 29th percentile of the Broad Market Fixed Income universe. Over the trailing twelve months, the fixed income portfolio returned 7.4%, which was 1.6% above the benchmark's 5.8% return, and ranked in the 44th percentile. Since June 2009, this component returned 3.9% on an annualized basis and ranked in the 66th percentile. The Bloomberg Barclays Global Aggregate Index returned an annualized 2.9% during the same time frame.

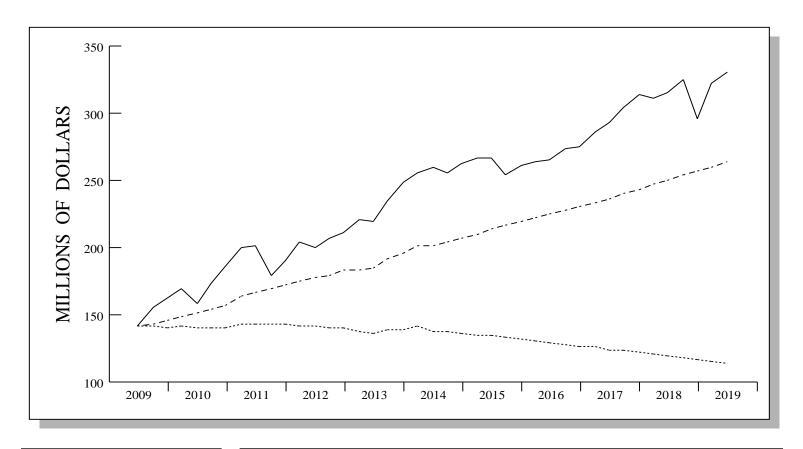
## **EXECUTIVE SUMMARY**

	Quarter	YTD	1 Year	3 Year	5 Year	10 Year
Total Portfolio - Gross	3.1	13.2	7.0	9.7	6.9	10.1
PUBLIC FUND RANK	(63)	(20)	(28)	(18)	(12)	(14)
Cotal Portfolio - Net	3.0	12.9	6.4	9.1	6.3	9.6
Policy Index	3.4	13.2	7.5	9.7	7.1	10.6
SHADOW INDEX	3.1	12.5	5.6	8.8	6.5	9.9
PRIT Fund	3.4	10.0	6.1	9.8	7.0	9.9
Domestic Equity - Gross	3.6	18.8	8.6	14.0	9.0	14.3
DOMEŜTIĈ EQUITY RANK	(58)	(45)	(39)	(42)	(49)	(58)
Russell 3000	4.1	18.7	9.0	14.0	10.2	14.7
Large Cap Equity - Gross	4.4	18.9	13.6	16.6	11.7	14.9
LARĜE ĈAP RANK	(45)	(40)	(17)	(22)	(25)	(40)
S&P 500	4.3	18.5	10.4	14.2	10.7	14.7
Mid Cap Equity - Gross	4.4	23.1	9.8	13.3	8.3	
MID CAP KANK	(53)	(39)	(40)	(49)	(54)	
Russell Mid	4.1	21.3	7.8	12.1	8.6	15.1
Small Cap Equity - Gross	1.1	15.2	-2.4	10.9	4.2	13.2
SMALL CAP RANK	(81)	(70)	(52)	(65)	(92)	(86)
Russell 2000	2.1	17.0	-3.3	12.3	7.1	13.4
nternational Equity - Gross	3.1	14.0	0.7	9.2	2.9	6.8
INTERNATIONAL EQUITY RANK	(42)	(47)	(48)	(59)	(63)	(84)
Intl Index	3.0	13.6	1.3	`9.4	2.2	6.3
Developed Markets Equity - Gross	3.5	14.5	0.3	9.3	3.4	7.3
INTERNATIONAL EQUITY RANK	(35)	(42)	(52)	(57)	(55)	(75)
Intl Index	3.0	13.6	1.3	`9.4	2.2	`6.3
Emerging Markets Equity - Gross	1.7	12.6	2.3	8.0	0.2	
EMERGING MARKETS RANK	(47)	(50)	(45)	(81)	(97)	
MSCI Emg Mkts	0.7	10.8	1.6	Ì1.Í	2.9	6.2
Alternative Assets - Gross	0.0	0.1	-1.6	6.3	7.1	7.9
Russell 3000 (Lag)	14.0	-2.3	8.8	13.5	10.4	16.0
Real Assets - Gross	1.7	5.1	8.0	7.8	9.5	12.2
Real Asset Index	1.1	4.3	6.9	6.0	9.0	13.1
	2.2			2.0		2.0
Fixed Income - Gross BROAD MARKET FIXED RANK	3.2	6.6	7.4	2.8	2.9	3.9
Global Aggregate	(29) 3.3	(39) 5.6	(44) 5.8	(55) 1.6	(63) 1.2	(66) 2.9
Aggregate Index	3.3 3.1	5.6 6.1	3.8 7.9	2.3	3.0	3.9

ASSET ALLOCATION							
		<b>.</b>					
Large Cap Equity	26.6%	\$ 88,186,506					
Mid Cap Equity	12.3%	40,735,152					
Small Cap	11.3%	37,311,352					
Int'l Developed	10.5%	34,634,626					
<b>Emerging Markets</b>	3.5%	11,529,691					
Alternative	0.8%	2,708,644					
Real Assets	15.2%	50,340,251					
Fixed Income	17.2%	57,088,467					
Cash	2.7%	8,881,390					
Total Portfolio	100.0%	\$ 331,416,079					

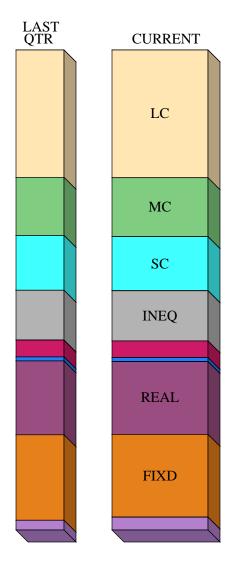
KETUKN
\$ 322,940,744 - 1,385,671
1,015,434
8,845,572 \$ 331,416,079

### **INVESTMENT GROWTH**



VALUE ASSUMING 7.75% RETURN \$ 264,102,132

	LAST QUARTER	PERIOD 6/09 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 322,940,744 -1,385,671 <u>9,861,006</u> \$ 331,416,079	\$ 141,798,540 - 27,494,323 217,111,862 \$ 331,416,079
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	1,015,434 8,845,572 9,861,006	33,471,597 183,640,265 217,111,862



	<u>VALUE</u>	PERCENT	TARGET	MIN	MAX
LARGE CAP EQUITY	\$ 88, 186, 506	26.6%	23.5%	15.0%	35.0%
MID CAP EQUITY	40, 735, 152	12.3%	12.0%	10.0%	15.0%
SMALL CAP EQUITY	37, 311, 352	11.3%	12.0%	10.0%	15.0%
DEVELOPED MARKETS EQUITY	34, 634, 626	10.5%	13.5%	10.0%	15.0%
EMERGING MARKETS EQUITY	11, 529, 691	3.5%	4.0%	0.0%	6.0%
ALTERNATIVE ASSETS	2, 708, 644	0.8%	0.0%		
REAL ASSETS	50, 340, 251	15.2%	15.0%	10.0%	20.0%
FIXED INCOME	57, 088, 467	17.2%	20.0%	15.0%	30.0%
CASH & EQUIVALENT	8, 881, 390	2.7%	0.0%		
TOTAL FUND	\$ 331, 416, 079	100.0%			

## MANAGER ALLOCATION SUMMARY

Portfolio	Market Value	Percent	Target	Difference (%)	Difference (\$)
State Street Global Advisors (LC)	\$34,934,820	10.5	9.5	1.0	\$3,450,292
Polen Capital Management (LCG)	\$29,518,085	8.9	7.0	1.9	\$6,318,959
Weaver C. Barksdale (LCV)	\$26,030,627	7.9	7.0	0.9	\$2,831,501
State Street Global Advisors (MC)	\$6,677,912	2.0	2.0	0.0	\$49,590
Frontier (MCG)	\$17,991,675	5.4	5.0	0.4	\$1,420,871
Wells Capital Management (MCV)	\$16,782,518	5.1	5.0	0.1	\$211,714
State Street Global Advisors (SC)	\$5,682,016	1.7	2.0	-0.3	<\$946,306>
Aberdeen Standard Investments (SCC)	\$16,478,592	5.0	5.0	0.0	<\$92,212>
Quantitative Management Assoicates (SCC)	\$15,150,744	4.6	5.0	-0.4	<\$1,420,060>
State Street Global Advisors (INEQ)	\$6,824,098	2.1	3.5	-1.4	<\$4,775,465>
LMCG (INEQ)	\$5,325,246	1.6	2.0	-0.4	<\$1,303,076>
Vontobel (INEG)	\$13,138,378	4.0	4.0	0.0	<\$118,265>
Systematic (INEV)	\$9,346,904	2.8	4.0	-1.2	<\$3,909,739>
GAM USA Inc. (EMKT)	\$6,134,940	1.9	2.0	-0.1	<\$493,382>
State Street Global Advisors (EMKT)	\$5,394,751	1.6	2.0	-0.4	<\$1,233,571>
PRIT Private Equity (PREQ)	\$100,942	0.0	0.0	0.0	\$100,942
BlackRock (PREQ)	\$2,417,822	0.7	0.0	0.7	\$2,417,822
Invesco Venture Partnership (PREQ)	\$189,880	0.1	0.0	0.1	\$189,880
Invesco Equity Real Estate (REIT)	\$7,092,680	2.1	2.0	0.1	\$464,358
Intercontinental (REAL)	\$16,270,638	4.9	4.5	0.4	\$1,356,914
Invesco (REAL)	\$16,298,579	4.9	4.5	0.4	\$1,384,855
Domain Timber Advisors (TIMB)	\$2,627,112	0.8	1.0	-0.2	<\$687,049>
Molpus Woodlands Group (TIMB)	\$2,224,229	0.7	1.0	-0.3	<\$1,089,932>
Ceres Partners (FARM)	\$5,827,013	1.8	2.0	-0.2	<\$801,309>
C.S. McKee (FIXD)	\$14,392,442	4.3	4.5	-0.2	<\$521,282>
Manulife (FIXD)	\$17,156,111	5.2	6.0	-0.8	<\$2,728,854>
State Street Global Advisors (FIXD)	\$5,936,091	1.8	2.0	-0.2	<\$692,231>
Weaver C. Barksdale (FIXD)	\$11,743,955	3.5	4.5	-1.0	<\$3,169,769>
Brandywine Global Invesment Management (INFI)	\$9,000,175	2.7	3.0	-0.3	<\$942,307>
Non Managed Cash (CASH)	\$4,727,104	1.4	0.0	1.4	\$4,727,104

## MANAGER PERFORMANCE SUMMARY - GROSS OF FEES

Portfolio	(Universe)	Quarter	1 Year	3 Years	5 Years	10 Years
SgA	(Large Cap)	4.3 (47)	10.5 (36)	14.2 (42)	10.7 (39)	14.6 (50)
&P 500		4.3	10.4	14.2	10.7	14.7
olen Capital	(LC Growth)	6.2 (25)	20.2 (4)	21.7 (12)	18.0 (3)	
ussell 1000G		4.6	11.6	18.1	13.4	16.3
Veaver-Barksdale	(LC Value)	2.2 (83)	10.1 (20)			
ussell 1000V		3.8	8.4	10.2	7.5	13.2
SGA Midcap	(Mid Cap)	3.1 (71)	1.4 (76)			
&P 400		3.0	1.4	10.9	8.0	14.6
rontier	(MC Growth)	3.6 (90)	13.4 (57)	15.7 (57)		
uss Mid Gro		5.4	13.9	16.5	11.1	16.0
ells Capital	(MC Value)	5.5 (9)	9.3 (13)	10.9 (38)		
uss Mid Val		3.2	3.7	8.9	6.7	14.6
GGA Russell 2000	(Small Cap)	2.1 (67)	-3.3 (58)			
ussell 2000		2.1	-3.3	12.3	7.1	13.4
berdeen	(Small Cap)	1.5 (76)	2.5 (31)			
MA	(Small Cap)	0.4 (87)	-6.9 (81)			
ussell 2000	•	2.1	-3.3	12.3	7.1	13.4
SGA EAFE	(Intl Eq)	3.9 (29)	1.4 (42)			
SCI EAFE Net		3.7	1.1	9.1	2.2	6.9
MCG	(Intl Eq SC)	2.3 (56)	-7.2 (62)			
AFE SC Net	( 1 1 - 2 )	1.7	-6.3	9.1	4.4	9.7
ontobel	(Intl Eq Gro)	5.9 (30)	6.2 (23)	9.7 (72)	5.7 (31)	
AFE Growth Net	( = 4 /	5.7	4.2	9.7	4.4	8.2
vstematic	(Intl Eq Val)	0.7 (83)	-3.5 (69)			
AFE Value Net	(IIII 24 + III)	1.5	-2.1	8.5	0.1	5.5
AM	(Emerging Mkt)	2.7 (28)	3.2 (36)			
GA EMGM	(Emerging Mkt)	0.6 (78)	1.3 (57)			
SCI EM Net	(Elliciging Wikt)	0.6	1.2	10.7	2.5	5.8
ackRock		0.0	4.2	8.2	7.5	6.9
vesco Venture		0.0	-16.2	2.3	3.7	10.3
issell 3000 (Lag)		14.0	8.8	13.5	10.4	16.0
vesco Equity RE		2.3	13.2	6.6	8.9	15.6
AREIT		1.8	13.0	5.9	8.9	16.0
ercon US REIF		1.4	8.3	11.0	11.8	10.0
vesco Core		1.4	7.1	8.0	10.2	9.6
CREIF ODCE		1.0	6.4	7.6	9.8	9.9
omain		2.0	3.7	3.5	2.5	9.9
onain olpus Fund III		0.4	2.6	2.7	4.1	
CREIF Timber		1.0	2.9	3.3	4.1	4.0
res Farms		3.8	8.0	6.2	6.2	
						11.1
CREIF Farmland	(C Fire 4)	0.7	5.7	6.3	8.0 2.2 (60)	11.1
McKee	(Core Fixed)	3.1 (72)	7.8 (81)	2.6 (65)	3.2 (60)	
anulife	(Core Fixed)	3.3 (19)	8.7 (10)	3.7 (7)		
GA U.S. Agg. Bond	(Core Fixed)	3.1 (62)	7.9 (76)	2.5 (52)		
eaver C. Barksdale	(Core Fixed)	3.6 (7)	8.1 (50)	2.5 (72)		
gregate Index		3.1	7.9	2.3	3.0	3.9
andywine	(Intl Fx)	2.4 (88)	2.4 (94)	2.3 (87)	0.5 (78)	
obal Gov Index		3.4	5.3	0.8	0.7	2.2

## MANAGER VALUE ADDED

Portfolio	Benchmark	1 Quarter	1 Year	3 Years	5 Years
Domestic Equity	Russell 3000	-0.5	-0.4	-0.1	-1.2
SSgA	S&P 500	0.0	0.1	0.0	0.0
Polen Capital	Russell 1000G	1.6	8.6	3.6	4.6
Weaver-Barksdale	Russell 1000V	-1.6	1.7	N/A	N/A
SSGA Midcap	S&P 400	0.1	0.0	N/A	N/A
Frontier	Russ Mid Gro	-1.8	-0.5	<b>-0.8</b>	N/A
Wells Capital	Russ Mid Val	2.3	5.6	2.0	N/A
SSGA Russell 2000	Russell 2000	0.0	0.0	N/A	N/A
Aberdeen	Russell 2000	▮ -0.6	5.8	N/A	N/A
QMA	Russell 2000	<b>-1.7</b>	-3.6	N/A	N/A
SSGA EAFE	MSCI EAFE Net	0.2	0.3	N/A	N/A
LMCG	EAFE SC Net	0.6	<b>-0.9</b>	N/A	N/A
Vontobel	EAFE Growth Net	0.2	2.0	0.0	1.3
Systematic	EAFE Value Net	■ -0.8	-1.4	N/A	N/A
GAM	MSCI EM Net	2.1	2.0	N/A	N/A
SSGA EMGM	MSCI EM Net	0.0	0.1	N/A	N/A
BlackRock	Russell 3000 (Lag)	-14.0	-4.6	-5.3	-2.9
Invesco Venture	Russell 3000 (Lag)	-14.0	-25.0	-11.2	-6.7
Invesco Equity RE	NAREIT	0.5	0.2	0.7	0.0
Intercon US REIF	NCREIF ODCE	0.4	1.9	3.4	2.0
Invesco Core	NCREIF ODCE	0.0	0.7	0.4	0.4
Domain	NCREIF Timber	1.0	0.8	0.2	-2.1
Molpus Fund III	NCREIF Timber	<b>I</b> -0.6	-0.3	-0.6	-0.5
Ceres Farms	NCREIF Farmland	3.1	2.3	-0.1	-1.8
CS McKee	Aggregate Index	0.0	-0.1	0.3	0.2
Manulife	Aggregate Index	0.2	0.8	1.4	N/A
SSGA U.S. Agg. Bond	Aggregate Index	0.0	0.0	N/A	N/A
Weaver C. Barksdale	Aggregate Index	0.5	0.2	0.2	N/A
Brandywine	Global Gov Index	<b>-1.0</b>	-2.9	1.5	-0.2

## INVESTMENT RETURN SUMMARY - ONE QUARTER

Name	Quarter	Market Value	Net	Net	Market Value
Τ	otal Return	Prior Quarter	Cashflow	<b>Investment Return</b>	Current Quarter
SSgA (LC)	4.3	33,493,133	<2,454>	1,444,141	34,934,820
Polen Capital (LCG)	6.2	27,824,370	<34,952>	1,728,667	29,518,085
Weaver-Barksdale (LCV)	2.2	25,478,126	<16,030>	568,531	26,030,627
SSGA Midcap (MC)	3.1	6,478,384	<802>	200,330	6,677,912
Frontier (MCG)	3.6	17,394,880	0	596,795	17,991,675
Wells Capital (MCV)	5.5	15,930,549	<27,277>	879,246	16,782,518
SSGA Russell 2000 (SC)	2.1	5,565,981	<694>	116,729	5,682,016
Aberdeen (SCC)	1.5	16,249,538	<20,373>	249,427	16,478,592
QMA (SCC)	0.4	15,115,022	<20,285>	56,007	15,150,744
SSGA EAFE (INEQ)	3.9	6,570,859	<973>	254,212	6,824,098
LMCG (INEQ)	2.3	5,206,060	0	119,186	5,325,246
Vontobel (INEG)	5.9	12,424,595	<21,792>	735,575	13,138,378
Systematic (INEV)	0.7	9,279,050	0	67,854	9,346,904
GAM (EMKT)	2.7	5,978,070	0	156,870	6,134,940
SSGA EMGM (EMKT)	0.6	5,362,327	<1,717>	34,141	5,394,751
PRIT VY 2019 (PREQ)		0	101,063	<121>	100,942
BlackRock (PREQ)	0.0	2,467,822	<50,000>	0	2,417,822
Invesco Venture (PREQ)	0.0	189,880	0	0	189,880
Invesco Equity RE (REIT)	2.3	6,943,884	<12,888>	161,684	7,092,680
Intercon US REIF (REAL)	1.4	16,069,958	<31,878>	232,558	16,270,638
Invesco Core (REAL)	1.0	16,176,307	<47,099>	169,371	16,298,579
Domain (TIMB)	2.0	2,642,720	<68,750>	53,142	2,627,112
Molpus Fund III (TIMB)	0.4	2,249,838	<28,441>	2,832	2,224,229
Ceres Farms (FARM)	3.8	5,664,899	<55,592>	217,706	5,827,013
CS McKee (FIXD)	3.1	13,976,065	<10,478>	426,855	14,392,442
Manulife (FIXD)	3.3	16,622,881	<12,122>	545,352	17,156,111
SSGA U.S. Agg. Bond (FIXI		5,758,600	<569>	178,060	5,936,091
Weaver C. Barksdale (FIXD)	,	13,799,496	<2,506,854>	451,313	11,743,955
Brandywine (INFI)	2.4	8,795,527	<9,895>	214,543	9,000,175
Cash (CASH)		3,231,923	1,495,181	0	4,727,104
Total Portfolio	3.1	322,940,744	<1,385,671>	9,861,006	331,416,079

## MANAGER RISK STATISTICS SUMMARY - THREE YEAR HISTORY

Manager	Benchmark	Alpha	Batting Average	Sharpe Ratio	Information Ratio	Up Capture	Down Capture
Composite	Policy Index	-0.22	.583	1.05	0.04	100.1	100.1
Domestic Equity	Russell 3000	-0.19	.417	1.05	-0.06	99.9	100.9
SSgA	S&P 500	0.02	1.000	1.12	0.81	100.1	99.9
Polen Capital	Russell 1000G	5.23	.750	1.57	0.93	108.7	78.7
Int'l Equity	Intl Index	-0.90	.583	0.68	0.00	107.8	118.2
Frontier	Russ Mid Gro	-0.59	.333	1.02	-0.33	94.7	94.6
Wells Capital	Russ Mid Val	2.01	.667	0.79	0.74	109.1	92.0
Vontobel	EAFE Growth Net	-0.06	.583	0.67	0.01	102.2	104.3
BlackRock	Russell 3000 (Lag)	7.72	.333	1.53	-0.47	34.1	
Invesco Venture	Russell 3000 (Lag)	4.15	.250	0.14	-0.67	5.0	
Invesco Equity RE	NAREIT	0.87	.667	0.49	0.45	99.6	89.6
Intercon US REIF	NCREIF ODCE	-4.60	.833	4.22	1.78	145.4	
Invesco Core	NCREIF ODCE	-0.22	.667	6.48	0.60	105.5	
Domain	NCREIF Timber	2.03	.417	0.73	0.07	105.2	
Molpus Fund III	NCREIF Timber	5.72	.500	0.64	-0.24	82.2	
Ceres Farms	NCREIF Farmland	6.52	.417	2.95	-0.04	98.6	
Fixed Income	Global Aggregate	1.88	.417	0.41	0.39	79.4	40.5
CS McKee	Aggregate Index	0.47	.750	0.41	0.74	100.1	80.8
Manulife	Aggregate Index	1.43	.917	0.69	1.24	129.6	83.5
Weaver C. Barksdale	Aggregate Index	0.18	.750	0.34	0.29	104.6	98.9
Brandywine	Global Gov Index	1.58	.667	0.15	0.36	127.9	101.4

## MANAGER RISK STATISTICS SUMMARY - FIVE YEAR HISTORY

Manager	Benchmark	Alpha	Batting Average	Sharpe Ratio	Information Ratio	Up Capture	Down Capture
Composite	Policy Index	-0.35	.500	0.86	-0.31	97.1	99.6
Domestic Equity	Russell 3000	-1.37	.300	0.77	-0.74	92.8	102.6
SSgA	S&P 500	0.04	1.000	0.98	1.10	100.1	99.8
Polen Capital	Russell 1000G	6.19	.700	1.51	0.96	112.4	57.4
Int'l Equity	Intl Index	0.81	.700	0.23	0.30	105.5	97.3
Vontobel	EAFE Growth Net	1.83	.550	0.48	0.27	91.2	74.7
BlackRock	Russell 3000 (Lag)	6.65	.400	1.42	-0.30	44.9	
Invesco Venture	Russell 3000 (Lag)	3.70	.350	0.34	-0.48	23.4	0.5
Invesco Equity RE	NAREIT	0.41	.600	0.72	-0.02	96.5	92.6
Intercon US REIF	NCREIF ODCE	4.15	.650	3.99	0.85	121.2	
Invesco Core	NCREIF ODCE	0.37	.600	4.74	0.37	104.4	
Domain	NCREIF Timber	2.06	.350	0.68	-0.64	53.0	
Molpus Fund III	NCREIF Timber	-0.30	.550	1.04	-0.25	87.5	16.9
Ceres Farms	NCREIF Farmland	5.98	.400	3.84	-0.60	77.4	
Fixed Income	Global Aggregate	2.27	.450	0.60	0.51	73.8	24.0
CS McKee	Aggregate Index	0.55	.750	0.82	0.57	98.2	75.0
Brandywine	Global Gov Index	-0.08	.650	-0.01	-0.03	92.6	96.2

## MANAGER RISK STATISTICS SUMMARY - TEN YEAR HISTORY

Manager	Benchmark	Alpha	Batting Average	Sharpe Ratio	Information Ratio	Up Capture	Down Capture
Composite	Policy Index	-0.71	.550	1.12	-0.33	98.9	109.0
Domestic Equity	Russell 3000	-0.92	.475	1.04	-0.04	101.3	106.6
SSgA	S&P 500	0.02	.900	1.16	-0.20	99.6	100.1
Int'l Equity	Intl Index	0.47	.600	0.49	0.22	104.4	101.3
BlackRock	Russell 3000 (Lag)	6.88	.350	0.70	-0.57	29.5	
Invesco Venture	Russell 3000 (Lag)	7.60	.400	1.00	-0.41	40.7	
Invesco Equity RE	NAREIT	0.10	.575	1.04	-0.30	96.2	94.6
Invesco Core	NCREIF ODCE	-0.64	.500	1.97	-0.17	97.8	104.0
Fixed Income	Global Aggregate	2.65	.550	1.06	0.26	72.3	9.2

## MANAGER FEE SUMMARY - ONE QUARTER

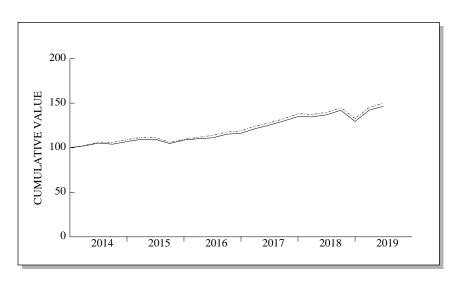
### ALL FEES ARE ESTIMATED / ACCRUED

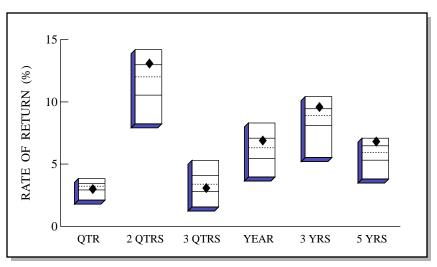
PORTFOLIO	MARKET VALUE	GROSS RETURN	FEE	FEE PCT	NET RETURN
SSgA (LC)	\$34,934,820	4.3	\$4,208	0.01	4.3
Polen Capital (LCG)	\$29,518,085	6.2	\$35,410	0.13	6.1
Weaver-Barksdale (LCV)	\$26,030,627	2.2	\$15,847	0.06	2.2
SSGA Midcap (MC)	\$6,677,912	3.1	\$809	0.01	3.1
Frontier (MCG)	\$17,991,675	3.6	\$32,616	0.19	3.4
Wells Capital (MCV)	\$16,782,518	5.5	\$28,166	0.18	5.3
SSGA Russell 2000 (SC)	\$5,682,016	2.1	\$693	0.01	2.1
Aberdeen (SCC)	\$16,478,592	1.5	\$20,274	0.12	1.4
QMA (SCC)	\$15,150,744	0.4	\$24,561	0.16	0.2
SSGA EAFE (INEQ)	\$6,824,098	3.9	\$824	0.01	3.9
LMCG (INEQ)	\$5,325,246	2.3	\$11,084	0.21	2.1
Vontobel (INEG)	\$13,138,378	5.9	\$21,792	0.18	5.8
Systematic (INEV)	\$9,346,904	0.7	\$13,767	0.15	0.6
GAM (EMKT)	\$6,134,940	2.7	\$7,433	0.12	2.6
SSGA EMGM (EMKT)	\$5,394,751	0.6	\$663	0.01	0.6
BlackRock (PREQ)	\$2,417,822	0.0	\$7,000	0.28	-0.3
Invesco Equity RE (REIT)	\$7,092,680	2.3	\$12,888	0.19	2.1
Intercon US REIF (REAL)	\$16,270,638	1.4	\$32,569	0.20	1.2
Invesco Core (REAL)	\$16,298,579	1.0	\$37,027	0.23	0.8
Domain (TIMB)	\$2,627,112	2.0	\$6,668	0.25	1.8
Molpus Fund III (TIMB)	\$2,224,229	0.4	\$5,641	0.25	0.1
Ceres Farms (FARM)	\$5,827,013	3.8	\$55,306	0.98	2.9
CS McKee (FIXD)	\$14,392,442	3.1	\$10,482	0.07	3.0
Manulife (FIXD)	\$17,156,111	3.3	\$12,546	0.08	3.2
SSGA U.S. Agg. Bond (FIXD)	\$5,936,091	3.1	\$724	0.01	3.1
Weaver C. Barksdale (FIXD)	\$11,743,955	3.6	\$6,826	0.05	3.5
Brandywine (INFI)	\$9,000,175	2.4	\$9,843	0.11	2.3
Total Portfolio	\$331,416,079	3.1	\$415,668	0.13	3.0

### MANAGER FEE SCHEDULES

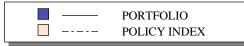
Portfolio	Fee Schedule
SSGA	5 bps per annum
Polen Capital	50 bps per annum
Weaver-Barskdale LCV	25 bps per annum
SSGA Midcap	5 bps per annum
Frontier	75 bps per annum
Wells Capital	70 bps on first \$50mm, 65 bps on balance
SSGA Russell 2000	5 bps per annum
Aberdeen Small cap	50 bps per annum
QMA	55 bps on first \$50mm and 50 bps on balance
SSGA MSCI EAFE	5 bps per annum
LMCG Int'l	85 bps per annum
Vontobel	85 bps on first \$50mm, 60 bps on balance
Systematic	60 bps per annum
GAM	50 bps per annum
SSGA Emerging	5 bps per annum
Blackrock	90 bps on first 25mm, 60 bps on balance
Invesco Real Estate	20 bps per annum
Intercontinental	1.10% on investments up to \$25 million, 1.00% on investments from \$25 million up to \$50 million, 0.85% on investments from \$50 million up to \$100 million, 0.75% on investments of \$100 million and above, Annual management fee is paid on drawn capital
Invesco Core Real Estate	Management Fee: 110 bps, Cash Management: 15 bps on cash in excess of 7.5% of aggregate NAV
Domain Timber	1% annually and 25 bps in arrears per quarter
Molpus	1.0% per annum based on capital called plus any leverage utilized through 36 months after final closing and 1.0% of Fair Market Value
Ceres Farms	0.25% of quarterly ending capital balance before subtracting fees; the performance fee is 20% of the quarterly increase in the ending capital balance after subtracting the management fee
CS Mckee	35 bps on first \$25mm
Manulife	30 bps on first \$75mm, 25 bps on next \$75mm, 20 bps on balance
SSGA U.S. Aggregate	5 bps per annum
Weaver-Barskdale	20 bps on first \$20mm, negotiable on balance
Brandywine	45 bps on first \$50mm, 40 bps on next \$50m, 35 bps on balance

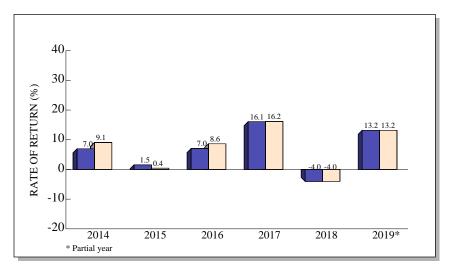
## TOTAL RETURN COMPARISONS





Public Fund Universe



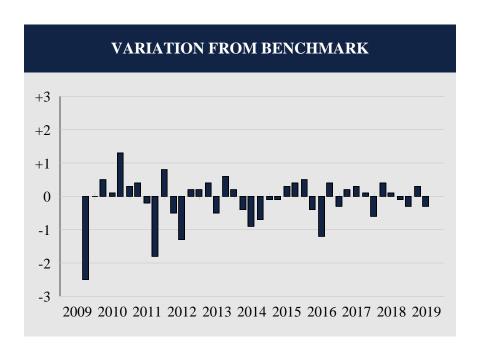


					ANNUA	LIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	3.1	13.2	3.2	7.0	9.7	6.9
(RANK)	(63)	(20)	(61)	(28)	(18)	(12)
5TH %ILE	3.8	14.2	5.3	8.3	10.4	7.1
25TH %ILE	3.4	13.0	4.1	7.1	9.5	6.5
MEDIAN	3.2	12.0	3.4	6.3	8.9	5.9
75TH %ILE	2.9	10.5	2.8	5.5	8.1	5.3
95TH %ILE	2.1	8.2	1.6	4.0	5.5	3.8
Policy Idx	3.4	13.2	3.6	7.5	9.7	7.1

Public Fund Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

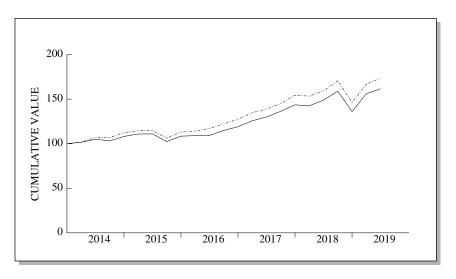
### COMPARATIVE BENCHMARK: TAUNTON POLICY INDEX

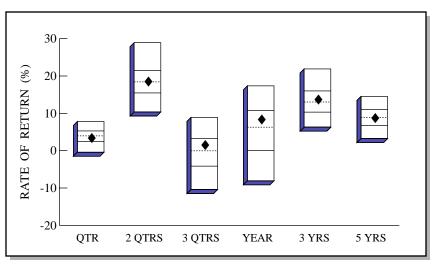


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	22
Quarters Below the Benchmark	18
Batting Average	.550

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/09	10.7	13.2	-2.5				
12/09	3.9	3.9	0.0				
3/10	4.5	4.0	0.5				
6/10	-5.9	-6.0	0.1				
9/10	9.6	8.3	1.3				
12/10	7.1	6.8	0.3				
3/11	4.8	4.4	0.4				
6/11	1.2	1.4	-0.2				
9/11	-11.3	-9.5	-1.8				
12/11	6.8	6.0	0.8				
3/12	8.0	8.5	-0.5				
6/12	-2.3	-1.0	-1.3				
9/12	4.4	4.2	0.2				
12/12	2.0	1.8	0.2				
3/13	6.2	5.8	0.4				
6/13	0.3	0.8	-0.5				
9/13	5.3	4.7	0.6				
12/13	6.0	5.8	0.2				
3/14	2.0	2.4	-0.4				
6/14	3.0	3.9	-0.9				
9/14	-1.1	-0.4	-0.7				
12/14	2.8	2.9	-0.1				
3/15	2.3	2.4	-0.1				
6/15	0.0	-0.3	0.3				
9/15	-4.3	-4.7	0.4				
12/15	3.7	3.2	0.5				
3/16	1.4	1.8	-0.4				
6/16	0.9	2.1	-1.2				
9/16	3.7	3.3	0.4				
12/16	0.9	1.2	-0.3				
3/17	4.5	4.3	0.2				
6/17	3.3	3.0	0.3				
9/17	3.7	3.6	0.1				
12/17	3.7	4.3	-0.6				
3/18	-0.2	-0.6	0.4				
6/18	1.8	1.7	0.1				
9/18	3.7	3.8	-0.1				
12/18	-8.8	-8.5	-0.3				
3/19	9.8	9.5	0.3				
6/19	3.1	3.4	-0.3				

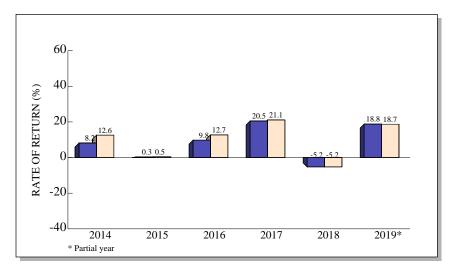
## DOMESTIC EQUITY RETURN COMPARISONS





Domestic Equity Universe



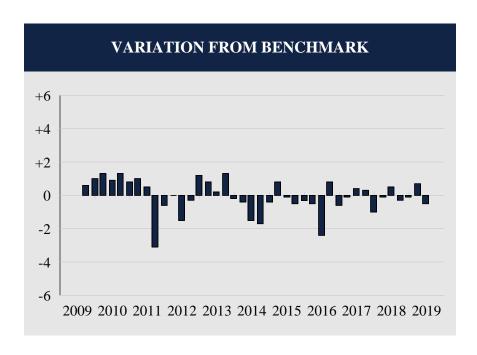


					ANNU	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	3.6	18.8	1.7	8.6	14.0	9.0
(RANK)	(58)	(45)	(39)	(39)	(42)	(49)
5TH %ILE	7.8	28.9	8.9	17.3	21.9	14.5
25TH %ILE	5.3	21.5	3.2	10.8	16.0	11.0
MEDIAN	4.0	18.4	-0.1	6.3	13.0	8.9
75TH %ILE	2.5	15.5	-4.1	0.0	10.3	6.8
95TH %ILE	-0.4	10.4	-10.4	-8.1	6.3	3.2
Russ 3000	4.1	18.7	1.7	9.0	14.0	10.2

Domestic Equity Universe

## DOMESTIC EQUITY QUARTERLY PERFORMANCE SUMMARY

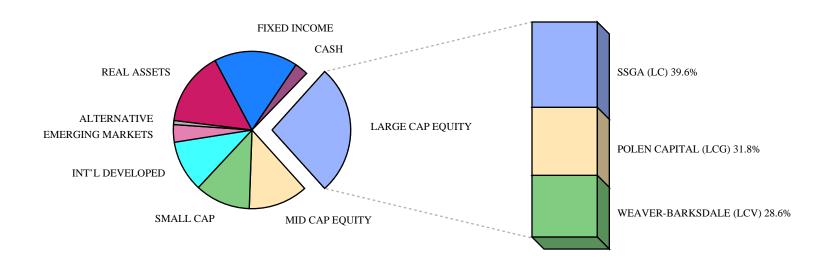
**COMPARATIVE BENCHMARK: RUSSELL 3000** 



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	19
<b>Quarters Below the Benchmark</b>	21
Batting Average	.475

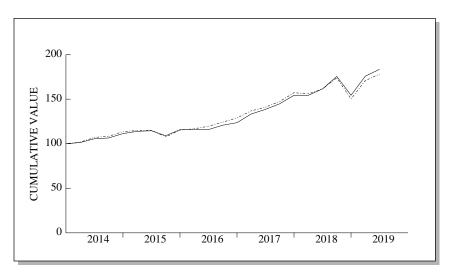
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/09 12/09	16.9 6.9	16.3 5.9	0.6 1.0			
3/10	7.2	5.9	1.3			
6/10	-10.4 12.8	-11.3 11.5	0.9 1.3			
9/10 12/10	12.8 12.4	11.5	0.8			
3/11	7.4	6.4	1.0			
6/11 9/11	0.5 -18.4	0.0 -15.3	0.5 -3.1			
12/11	11.5	12.1	-0.6			
3/12	12.9	12.9	0.0			
6/12 9/12	-4.6 5.9	-3.1 6.2	-1.5 -0.3			
12/12	1.5	0.2	1.2			
3/13	11.9	11.1	0.8			
6/13 9/13	2.9 7.7	2.7 6.4	0.2 1.3			
12/13	9.9	10.1	-0.2			
3/14	1.6	2.0	-0.4			
6/14 9/14	3.4 -1.7	4.9 0.0	-1.5 -1.7			
12/14	4.8	5.2	-0.4			
3/15	2.6	1.8	0.8			
6/15 9/15	0.0 -7.7	0.1 -7.2	-0.1 -0.5			
12/15	6.0	6.3	-0.3			
3/16	0.5	1.0	-0.5			
6/16 9/16	0.2 5.2	2.6 4.4	-2.4 0.8			
12/16	3.6	4.4	-0.6			
3/17	5.6	5.7	-0.1			
6/17 9/17	3.4 4.9	3.0 4.6	0.4 0.3			
12/17	5.3	6.3	-1.0			
3/18	-0.7	-0.6	-0.1			
6/18 9/18	4.4 6.8	3.9 7.1	0.5 -0.3			
12/18	0.8 -14.4	-14.3	-0.5 -0.1			
3/19	14.7	14.0	0.7			
6/19	3.6	4.1	-0.5			

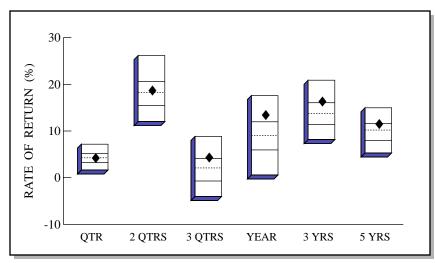
## LARGE CAP EQUITY MANAGER SUMMARY



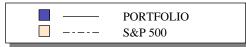
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA	(Large Cap)	4.3 (47)	18.5 (46)	10.5 (36)	14.2 (42)	10.7 (39)	\$34,934,820
S&P 500		4.3	18.5	10.4	14.2	10.7	
POLEN CAPITAL	(Large Cap Growth)	6.2 (25)	24.3 (28)	20.2 (4)	21.7 (12)	18.0 (3)	\$29,518,085
Russell 1000 Growth		4.6	21.5	11.6	18.1	13.4	
WEAVER-BARKSDALE	(Large Cap Value)	2.2 (83)	12.7 (90)	10.1 (20)			\$26,030,627
Russell 1000 Value		3.8	16.2	8.4	10.2	7.5	

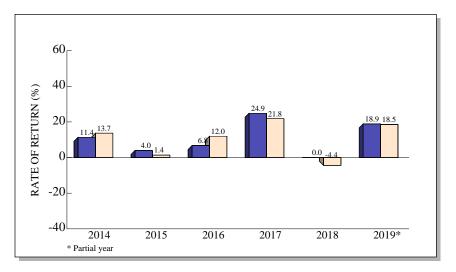
## LARGE CAP EQUITY RETURN COMPARISONS





Large Cap Universe



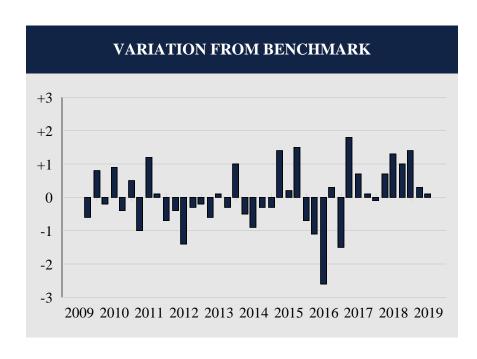


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	4.4	18.9	4.5	13.6	16.6	11.7
(RANK)	(45)	(40)	(22)	(17)	(22)	(25)
5TH %ILE	7.2	26.2	8.8	17.6	20.9	15.0
25TH %ILE	5.2	20.6	4.1	12.0	16.1	11.6
MEDIAN	4.3	18.3	2.1	9.1	13.8	10.2
75TH %ILE	3.2	15.5	-0.7	5.9	11.4	7.9
95TH %ILE	1.6	12.0	-4.1	0.6	8.2	5.3
S&P 500	4.3	18.5	2.5	10.4	14.2	10.7

Large Cap Universe

## LARGE CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

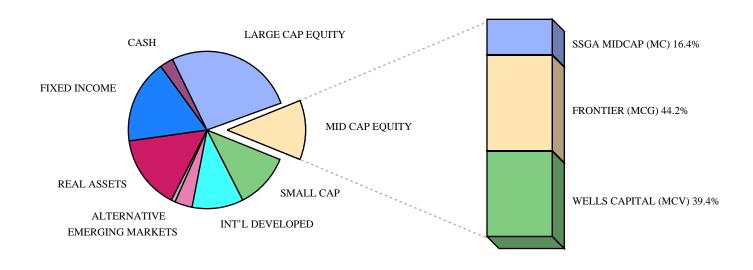
**COMPARATIVE BENCHMARK: S&P 500** 



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	20
<b>Quarters Below the Benchmark</b>	20
Batting Average	.500

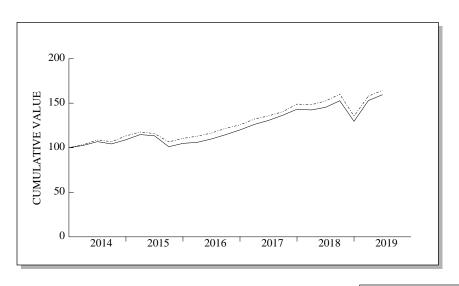
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/09 12/09	15.0 6.8	15.6 6.0	-0.6 0.8				
3/10	5.1	5.3	-0.2				
6/10	-10.5	-11.4	0.9				
9/10	10.9	11.3	-0.4				
12/10	11.3	10.8	0.5				
3/11 6/11	4.9 1.3	5.9 0.1	-1.0 1.2				
9/11	-13.8	-13.9	0.1				
12/11	11.1	11.8	-0.7				
3/12	12.2	12.6	-0.4				
6/12	-4.2	-2.8	-1.4				
9/12	6.0	6.3	-0.3				
12/12	-0.6	-0.4	-0.2				
3/13 6/13	10.0 3.0	10.6 2.9	-0.6 0.1				
9/13	3.0 4.9	5.2	-0.3				
12/13	11.5	10.5	1.0				
3/14	1.3	1.8	-0.5				
6/14	4.3	5.2	-0.9				
9/14	0.8	1.1	-0.3				
12/14	4.6	4.9	-0.3				
3/15	2.3	0.9	1.4				
6/15 9/15	0.5 -4.9	0.3 -6.4	0.2 1.5				
12/15	6.3	7.0	-0.7				
3/16	0.2	1.3	-1.1				
6/16	-0.1	2.5	-2.6				
9/16	4.2	3.9	0.3				
12/16	2.3	3.8	-1.5				
3/17	7.9	6.1	1.8				
6/17 9/17	3.8 4.6	3.1 4.5	0.7 0.1				
12/17	6.5	6.6	-0.1				
3/18	-0.1	-0.8	0.7				
6/18	4.7	3.4	1.3				
9/18	8.7	7.7	1.0				
12/18	-12.1	-13.5	1.4				
3/19 6/19	13.9 4.4	13.6 4.3	0.3 0.1				
0/19	4.4	4.3	U.1				

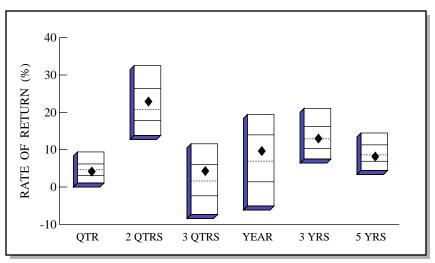
## MID CAP EQUITY MANAGER SUMMARY



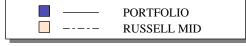
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA MIDCAP	(Mid Cap)	3.1 (71)	18.0 (71)	1.4 (76)			\$6,677,912
S&P 400		3.0	18.0	1.4	10.9	8.0	
FRONTIER	(Mid Cap Growth)	3.6 (90)	24.7 (65)	13.4 (57)	15.7 (57)		\$17,991,675
Russell Mid Cap Growth		5.4	26.1	13.9	16.5	11.1	
WELLS CAPITAL	(Mid Cap Value)	5.5 (9)	22.4 (14)	9.3 (13)	10.9 (38)		\$16,782,518
Russell Mid Cap Value		3.2	18.0	3.7	8.9	6.7	

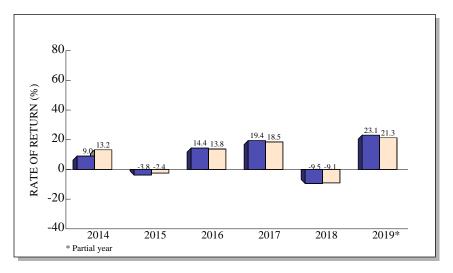
## MID CAP EQUITY RETURN COMPARISONS





Mid Cap Universe



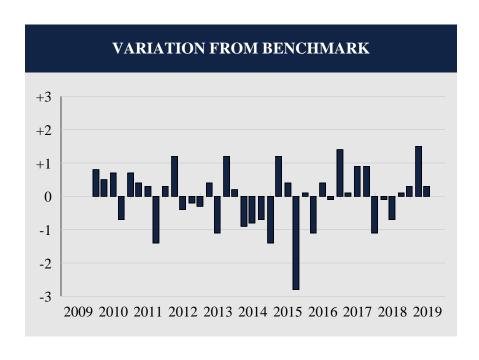


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	4.4	23.1	4.5	9.8	13.3	8.3
(RANK)	(53)	(39)	(35)	(40)	(49)	(54)
5TH %ILE	9.4	32.5	11.6	19.4	21.1	14.5
25TH %ILE	6.2	26.4	6.1	14.0	16.2	11.3
MEDIAN	4.6	20.8	1.6	6.9	12.9	8.6
75TH %ILE	3.0	17.8	-2.4	1.4	10.4	6.9
95TH %ILE	1.0	13.8	-7.4	-5.1	7.5	4.4
Russ MC	4.1	21.3	2.7	7.8	12.1	8.6

Mid Cap Universe

## MID CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

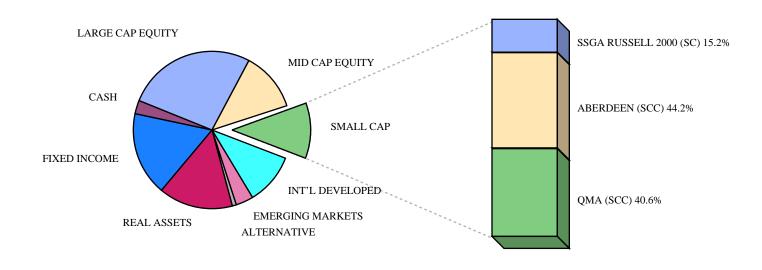
#### COMPARATIVE BENCHMARK: RUSSELL MID CAP



<b>Total Quarters Observed</b>	39
Quarters At or Above the Benchmark	23
Quarters Below the Benchmark	16
Batting Average	.590

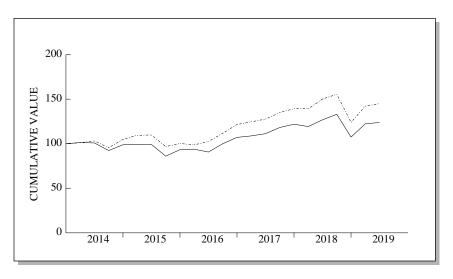
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/09	6.7	5.9	0.8			
3/10 6/10 9/10 12/10	9.2 -9.2 12.6 13.8	8.7 -9.9 13.3 13.1	0.5 0.7 -0.7 0.7			
3/11 6/11 9/11	8.0 0.7 -20.3	7.6 0.4 -18.9	0.4 0.3 -1.4			
12/11 3/12 6/12 9/12	12.6 14.1 -4.8 5.4	12.3 12.9 -4.4 5.6	0.3 1.2 -0.4 -0.2			
12/12 3/13	2.6 13.4	2.9 13.0	-0.2 -0.3 0.4			
6/13 9/13 12/13	13.4 1.1 8.9 8.6	7.7 8.4	-1.1 1.2 0.2			
3/14 6/14 9/14 12/14	2.6 4.2 -2.4 4.5	3.5 5.0 -1.7 5.9	-0.9 -0.8 -0.7 -1.4			
3/15 6/15 9/15 12/15	5.2 -1.1 -10.8 3.7	4.0 -1.5 -8.0 3.6	1.2 0.4 -2.8 0.1			
3/16 6/16 9/16	1.1 3.6 4.4	2.2 3.2 4.5 3.2	-1.1 0.4 -0.1			
12/16 3/17 6/17 9/17 12/17	4.6 5.2 3.6 4.4 5.0	5.1 2.7 3.5 6.1	1.4 0.1 0.9 0.9 -1.1			
3/18 6/18 9/18 12/18	-0.6 2.1 5.1 -15.1	-0.5 2.8 5.0 -15.4	-1.1 -0.1 -0.7 0.1 0.3			
3/19 6/19	18.0 4.4	16.5 4.1	1.5 0.3			

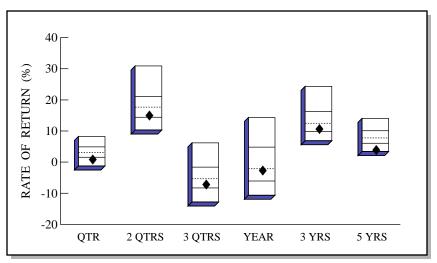
## SMALL CAP EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA RUSSELL 2000	(Small Cap)	2.1 (67)	17.0 (56)	-3.3 (58)			\$5,682,016
ABERDEEN	(Small Cap)	1.5 (76)	16.7 (60)	2.5 (31)			\$16,478,592
QMA	(Small Cap)	0.4 (87)	13.0 (87)	-6.9 (81)			\$15,150,744
Russell 2000		2.1	17.0	-3.3	12.3	7.1	

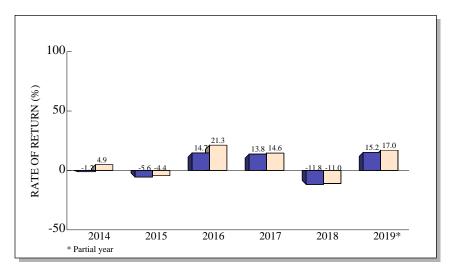
## SMALL CAP EQUITY RETURN COMPARISONS





Small Cap Universe



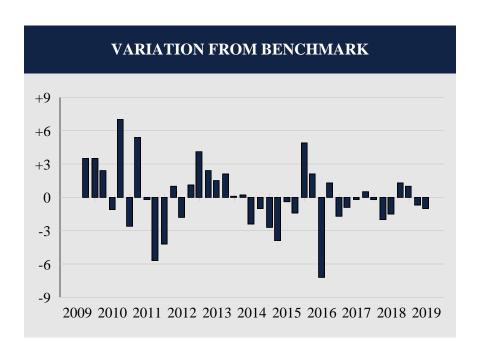


					ANNU	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	1.1	15.2	-6.9	-2.4	10.9	4.2
(RANK)	(81)	(70)	(64)	(52)	(65)	(92)
5TH %ILE	8.3	30.9	6.2	14.3	24.4	14.0
25TH %ILE	4.9	21.1	-1.6	4.8	16.2	10.1
MEDIAN	3.1	17.7	-5.3	-2.1	12.5	7.8
75TH %ILE	1.6	14.4	-8.3	-6.1	9.8	6.1
95TH %ILE	-1.3	10.3	-12.8	-10.7	6.9	3.4
Russ 2000	2.1	17.0	-6.7	-3.3	12.3	7.1

Small Cap Universe

## SMALL CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

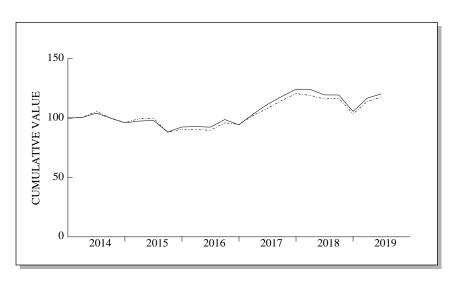
**COMPARATIVE BENCHMARK: RUSSELL 2000** 

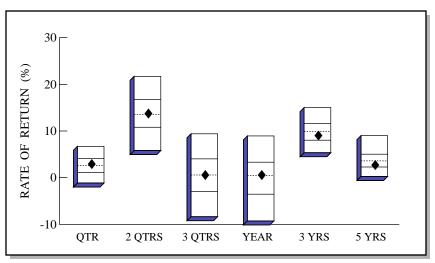


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	19
<b>Quarters Below the Benchmark</b>	21
Batting Average	.475

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/09	22.8	19.3	3.5				
12/09	7.4	3.9	3.5				
3/10	11.3	8.9	2.4				
6/10	-11.0	-9.9	-1.1				
9/10	18.3	11.3	7.0				
12/10	13.7	16.3	-2.6				
3/11	13.3	7.9	5.4				
6/11	-1.8	-1.6	-0.2				
9/11	-27.6	-21.9	-5.7				
12/11	11.3	15.5	-4.2				
3/12	13.4	12.4	1.0				
6/12	-5.3	-3.5	-1.8				
9/12	6.3	5.2	1.1				
12/12	5.9	1.8	4.1				
3/13	14.8	12.4	2.4				
6/13	4.6	3.1	1.5				
9/13	12.3	10.2	2.1				
12/13	8.8	8.7	0.1				
3/14	1.3	1.1	0.2				
6/14	-0.4	2.0	-2.4				
9/14	-8.4	-7.4	-1.0				
12/14	7.0	9.7	-2.7				
3/15	0.4	4.3	-3.9				
6/15	0.0	0.4	-0.4				
9/15	-13.3	-11.9	-1.4				
12/15	8.5	3.6	4.9				
3/16	0.6	-1.5	2.1				
6/16	-3.4	3.8	-7.2				
9/16	10.3	9.0	1.3				
12/16	7.1	8.8	-1.7				
3/17	1.6	2.5	-0.9				
6/17	2.3	2.5	-0.2				
9/17	6.2	5.7	0.5				
12/17	3.1	3.3	-0.2				
3/18	-2.1	-0.1	-2.0				
6/18	6.3	7.8	-1.5				
9/18	4.9	3.6	1.3				
12/18	-19.2	-20.2	1.0				
3/19	13.9	14.6	-0.7				
6/19	1.1	2.1	-1.0				

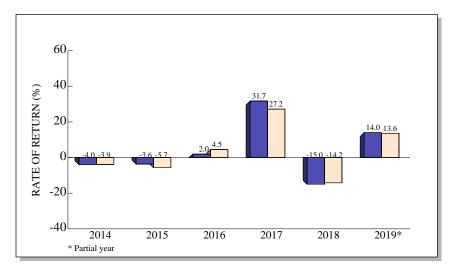
## INTERNATIONAL EQUITY RETURN COMPARISONS





International Equity Universe





					ANNUALIZED			
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS		
RETURN	3.1	14.0	0.8	0.7	9.2	2.9		
(RANK)	(42)	(47)	(50)	(48)	(59)	(63)		
5TH %ILE	6.7	21.7	9.4	8.9	15.0	9.0		
25TH %ILE	4.1	16.7	4.0	3.3	11.6	5.0		
MEDIAN	2.6	13.5	0.6	0.5	9.9	3.6		
75TH %ILE	1.1	10.8	-3.0	-3.6	8.0	2.3		
95TH %ILE	-1.2	5.8	-8.4	-9.3	5.4	0.3		
Intl Index	3.0	13.6	0.6	1.3	9.4	2.2		

International Equity Universe

## INTERNATIONAL EQUITY QUARTERLY PERFORMANCE SUMMARY

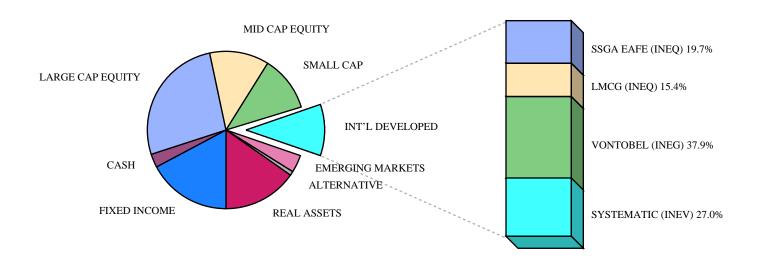
#### COMPARATIVE BENCHMARK: TAUNTON INTERNATIONAL INDEX



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	24
<b>Quarters Below the Benchmark</b>	16
<b>Batting Average</b>	.600

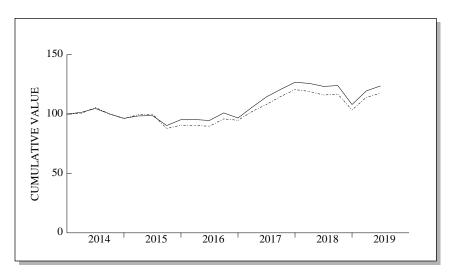
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/09	19.9	19.5	0.4				
12/09	3.8	2.2	1.6				
3/10	1.5	0.9	0.6				
6/10	-11.7	-14.0	2.3				
9/10	16.4	16.5	-0.1				
12/10	6.2	6.6	-0.4				
3/11	4.5	3.4	1.1				
6/11	0.2	1.6	-1.4				
9/11	-20.6	-19.0	-1.6				
12/11	4.5	3.3	1.2				
3/12	11.6	10.9	0.7				
6/12	-7.9	-7.1	-0.8				
9/12	8.1	6.9	1.2				
12/12	7.7	6.6	1.1				
3/13	3.1	3.2	-0.1				
6/13	-5.3	-3.1	-2.2				
9/13	9.5	10.1	-0.6				
12/13	4.4	4.8	-0.4				
3/14	0.5	0.5	0.0				
6/14	3.7	5.0	-1.3				
9/14	-4.1	-5.3	1.2				
12/14	-3.9	-3.9	0.0				
3/15	1.6	3.5	-1.9				
6/15	0.5	0.5	0.0				
9/15	-9.8	-12.2	2.4				
12/15	4.7	3.2	1.5				
3/16	0.4	-0.4	0.8				
6/16	-0.5	-0.6	0.1				
9/16	6.9	6.9	0.0				
12/16	-4.5	-1.3	-3.2				
3/17	9.8	7.9	1.9				
6/17	7.9	5.8	2.1				
9/17	5.8	6.2	-0.4				
12/17	5.1	5.0	0.1				
3/18	-0.1	-1.2	1.1				
6/18	-3.7	-2.6	-1.1				
9/18	-0.1	0.7	-0.8				
12/18	-11.6	-11.5	-0.1				
3/19	10.6	10.3	0.3				
6/19	3.1	3.0	0.1				

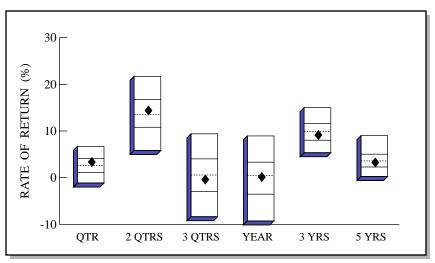
## DEVELOPED MARKETS EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS								
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE	
SSGA EAFE	(International Equity)	3.9 (29)	14.4 (44)	1.4 (42)			\$6,824,098	
MSCI EAFE Net		3.7	14.0	1.1	9.1	2.2		
LMCG	(Intl Eq SC)	2.3 (56)	11.9 (67)	-7.2 (62)			\$5,325,246	
MSCI EAFE Small Cap Net		1.7	12.5	-6.3	9.1	4.4		
VONTOBEL	(International Growth)	5.9 (30)	18.8 (47)	6.2 (23)	9.7 (72)	5.7 (31)	\$13,138,378	
MSCI EAFE Growth Net		5.7	18.5	4.2	9.7	4.4		
SYSTEMATIC	(International Value)	0.7 (83)	10.5 (69)	-3.5 (69)			\$9,346,904	
MSCI EAFE Value Net		1.5	9.6	-2.1	8.5	0.1		

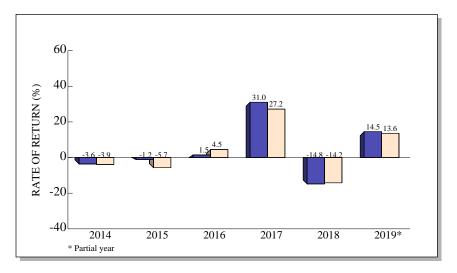
## DEVELOPED MARKETS EQUITY RETURN COMPARISONS





International Equity Universe



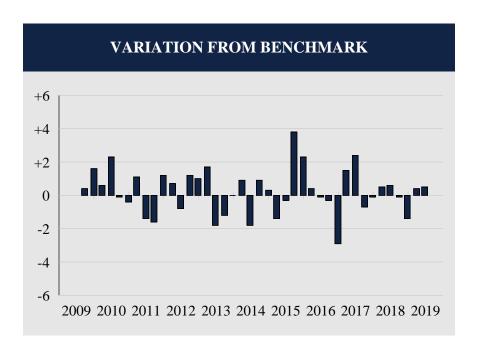


					ANNUALIZED		
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS	
RETURN	3.5	14.5	-0.2	0.3	9.3	3.4	
(RANK)	(35)	(42)	(58)	(52)	(57)	(55)	
5TH %ILE	6.7	21.7	9.4	8.9	15.0	9.0	
25TH %ILE	4.1	16.7	4.0	3.3	11.6	5.0	
MEDIAN	2.6	13.5	0.6	0.5	9.9	3.6	
75TH %ILE	1.1	10.8	-3.0	-3.6	8.0	2.3	
95TH %ILE	-1.2	5.8	-8.4	-9.3	5.4	0.3	
Intl Index	3.0	13.6	0.6	1.3	9.4	2.2	

International Equity Universe

# DEVELOPED MARKETS EQUITY QUARTERLY PERFORMANCE SUMMARY

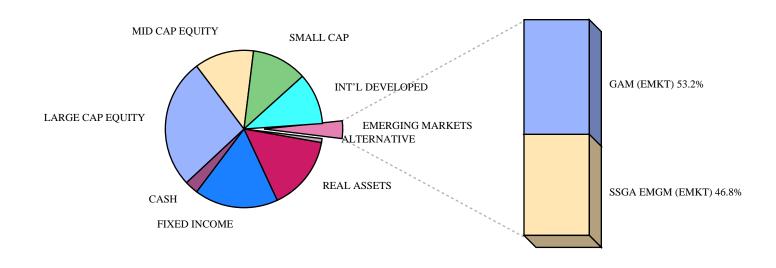
#### COMPARATIVE BENCHMARK: TAUNTON INTERNATIONAL INDEX



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	23
<b>Quarters Below the Benchmark</b>	17
Batting Average	.575

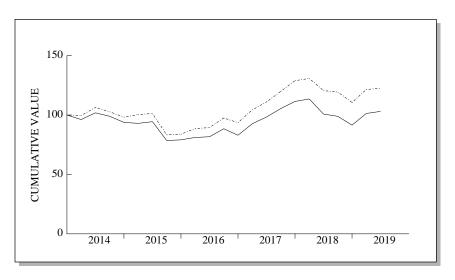
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/09	19.9	19.5	0.4				
12/09	3.8	2.2	1.6				
3/10	1.5	0.9	0.6				
6/10	-11.7	-14.0	2.3				
9/10	16.4	16.5	-0.1				
12/10	6.2	6.6	-0.4				
3/11	4.5	3.4	1.1				
6/11	0.2	1.6	-1.4				
9/11	-20.6	-19.0	-1.6				
12/11	4.5	3.3	1.2				
3/12	11.6	10.9	0.7				
6/12	-7.9	-7.1	-0.8				
9/12	8.1	6.9	1.2				
12/12	7.6	6.6	1.0				
3/13	4.9	3.2	1.7				
6/13	-4.9	-3.1	-1.8				
9/13	8.9	10.1	-1.2				
12/13	4.8	4.8	0.0				
3/14	1.4	0.5	0.9				
6/14	3.2	5.0	-1.8				
9/14	-4.4	-5.3	0.9				
12/14	-3.6	-3.9	0.3				
3/15	2.1	3.5	-1.4				
6/15	0.2	0.5	-0.3				
9/15	-8.4	-12.2	3.8				
12/15	5.5	3.2	2.3				
3/16	0.0	-0.4	0.4				
6/16	-0.7	-0.6	-0.1				
9/16	6.6	6.9	-0.3				
12/16	-4.2	-1.3	-2.9				
3/17	9.4	7.9	1.5				
6/17	8.2	5.8	2.4				
9/17	5.5	6.2	-0.7				
12/17	4.9	5.0	-0.1				
3/18	-0.7	-1.2	0.5				
6/18	-2.0	-2.6	0.6				
9/18	0.6	0.7	-0.1				
12/18	-12.9	-11.5	-1.4				
3/19	10.7	10.3	0.4				
6/19	3.5	3.0	0.5				

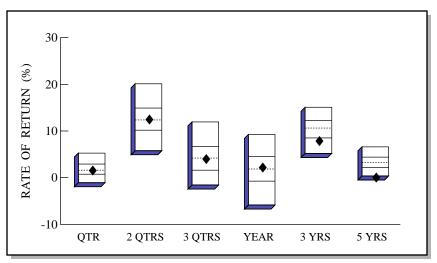
# EMERGING MARKETS EQUITY MANAGER SUMMARY



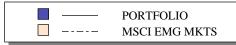
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
GAM	(Emerging Markets)	2.7 (28)	14.5 (31)	3.2 (36)			\$6,134,940
SSGA EMGM	(Emerging Markets)	0.6 (78)	10.6 (69)	1.3 (57)			\$5,394,751
MSCI Emerging Markets Net		0.6	10.6	1.2	10.7	2.5	

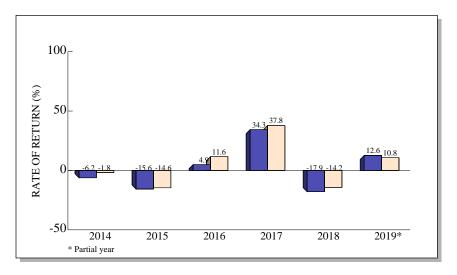
# EMERGING MARKETS EQUITY RETURN COMPARISONS





Emerging Markets Universe



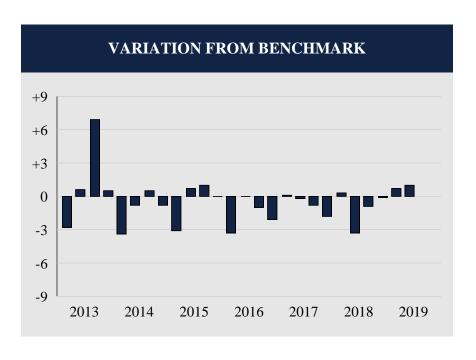


					ANNU	ALIZED
	QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	1.7	12.6	4.2	2.3	8.0	0.2
(RANK)	(47)	(50)	(49)	(45)	(81)	(97)
5TH %ILE	5.3	20.1	11.9	9.3	15.1	6.6
25TH %ILE	2.9	14.9	6.7	4.6	12.2	4.4
MEDIAN	1.6	12.4	4.2	1.9	10.6	3.2
75TH %ILE	0.8	10.2	1.6	-0.7	8.5	2.2
95TH %ILE	-1.1	5.8	-1.6	-5.9	5.2	0.4
MSCI EM	0.7	10.8	2.6	1.6	11.1	2.9

**Emerging Markets Universe** 

# EMERGING MARKETS EQUITY QUARTERLY PERFORMANCE SUMMARY

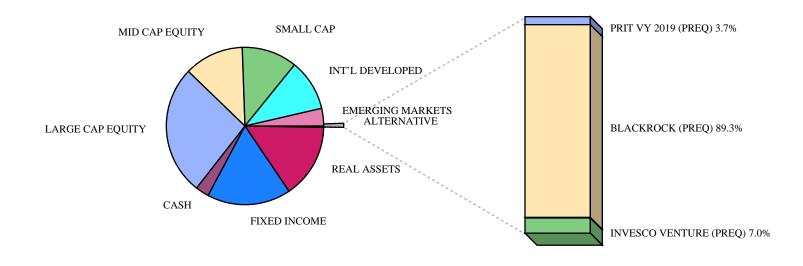
#### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS



26
12
14
.462

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
3/13	-4.4	-1.6	-2.8				
6/13	-7.4	-8.0	0.6				
9/13	12.8	5.9	6.9				
12/13	2.4	1.9	0.5				
3/14	-3.8	-0.4	-3.4				
6/14	5.9	6.7	-0.8				
9/14	-2.9	-3.4	0.5				
12/14	-5.2	-4.4	-0.8				
3/15	-0.8	2.3	-3.1				
6/15	1.5	0.8	0.7				
9/15	-16.8	-17.8	1.0				
12/15	0.7	0.7	0.0				
3/16	2.5	5.8	-3.3				
6/16	0.8	0.8	0.0				
9/16	8.2	9.2	-1.0				
12/16	-6.2	-4.1	-2.1				
3/17	11.6	11.5	0.1				
6/17	6.2	6.4	-0.2				
9/17	7.2	8.0	-0.8				
12/17	5.7	7.5	-1.8				
3/18	1.8	1.5	0.3				
6/18	-11.2	-7.9	-3.3				
9/18	-1.8	-0.9	-0.9				
12/18	-7.5	-7.4	-0.1				
3/19	10.7	10.0	0.7				
6/19	1.7	0.7	1.0				

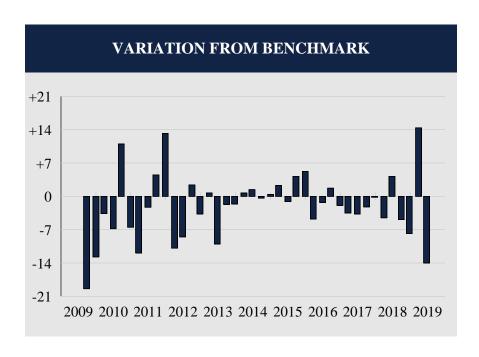
### ALTERNATIVE ASSETS MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
PRIT VY 2019							\$100,942
Cambridge US Private Equity		0.0	6.5	8.7	14.9	11.3	
BLACKROCK		0.0	0.1	4.2	8.2	7.5	\$2,417,822
INVESCO VENTURE		0.0	0.0	-16.2	2.3	3.7	\$189,880
Russell 3000 (Lagged)		14.0	-2.3	8.8	13.5	10.4	

# ALTERNATIVE ASSETS QUARTERLY PERFORMANCE SUMMARY

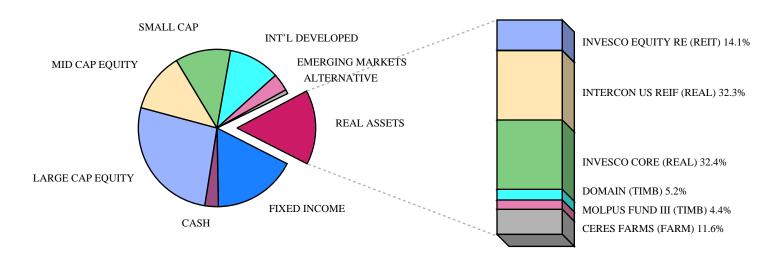
COMPARATIVE BENCHMARK: RUSSELL 3000 (LAGGED)



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	14
<b>Quarters Below the Benchmark</b>	26
<b>Batting Average</b>	.350

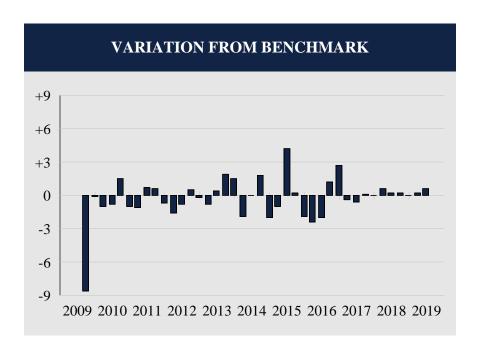
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/09	-2.6	16.8	-19.4				
12/09	3.6	16.3	-12.7				
3/10	2.3	5.9	-3.6				
6/10	-0.9	5.9	-6.8				
9/10	-0.3	-11.3	11.0				
12/10	5.0	11.5	-6.5				
3/11	-0.3	11.6	-11.9				
6/11	4.1	6.4	-2.3				
9/11	4.5	0.0	4.5				
12/11	-2.1	-15.3	13.2				
3/12	1.2	12.1	-10.9				
6/12	4.4	12.9	-8.5				
9/12	-0.7	-3.1	2.4				
12/12	2.5	6.2	-3.7				
3/13	1.0	0.3	0.7				
6/13	1.1	11.1	-10.0				
9/13	1.0	2.7	-1.7				
12/13	4.8	6.4	-1.6				
3/14	10.8	10.1	0.7				
6/14	3.4	2.0	1.4				
9/14	4.5	4.9	-0.4				
12/14	0.4	0.0	0.4				
3/15	7.5	5.2	2.3				
6/15	0.7	1.8	-1.1				
9/15	4.3	0.1	4.2				
12/15	-2.0	-7.2	5.2				
3/16	1.5	6.3	-4.8				
6/16	-0.3	1.0	-1.3				
9/16	4.3	2.6	1.7				
12/16	2.5	4.4	-1.9				
3/17	0.7	4.2	-3.5				
6/17	2.0	5.7	-3.7				
9/17	0.8	3.0	-2.2				
12/17	4.4	4.6	-0.2				
3/18	1.8	6.3	-4.5				
6/18	3.6	-0.6	4.2				
9/18	-1.0	3.9	-4.9				
12/18	-0.7	7.1	-7.8				
3/19	0.1	-14.3	14.4				
6/19	0.0	14.0	-14.0				

#### REAL ASSETS MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
INVESCO EQUITY RE		2.3	20.0	13.2	6.6	8.9	\$7,092,680
NAREIT		1.8	19.3	13.0	5.9	8.9	
INTERCON US REIF		1.4	3.5	8.3	11.0	11.8	\$16,270,638
INVESCO CORE		1.0	2.2	7.1	8.0	10.2	\$16,298,579
NCREIF NFI-ODCE Index		1.0	2.4	6.4	7.6	9.8	
DOMAIN		2.0	3.1	3.7	3.5	2.5	\$2,627,112
MOLPUS FUND III		0.4	1.0	2.6	2.7	4.1	\$2,224,229
NCREIF Timber Index		1.0	1.2	2.9	3.3	4.6	
CERES FARMS		3.8	5.0	8.0	6.2	6.2	\$5,827,013
NCREIF Farmland Index		0.7	1.4	5.7	6.3	8.0	

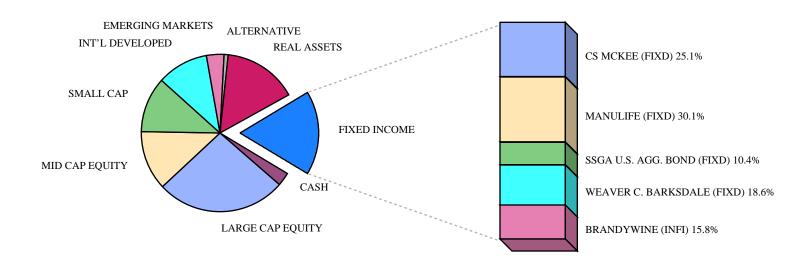
# REAL ASSETS QUARTERLY PERFORMANCE SUMMARY COMPARATIVE BENCHMARK: REAL ASSET INDEX



Total Quarters Observed	40
Quarters At or Above the Benchmark	21
<b>Quarters Below the Benchmark</b>	19
Batting Average	.525

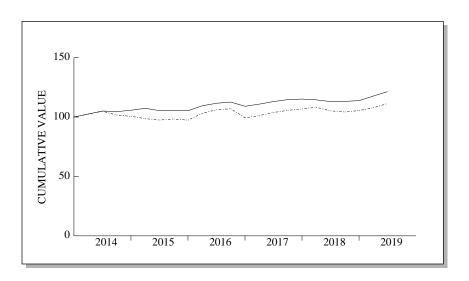
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/09	4.4	13.0	-8.6				
12/09	2.9	3.0	-0.1				
3/10	4.4	5.4	-1.0				
6/10	-0.6	0.2	-0.8				
9/10	10.7	9.2	1.5				
12/10	5.2	6.2	-1.0				
3/11	4.7	5.8	-1.1				
6/11	4.6	3.9	0.7				
9/11	-5.3	-5.9	0.6				
12/11	8.5	9.2	-0.7				
3/12	5.0	6.6	-1.6				
6/12	2.5	3.3	-0.8				
9/12	2.4	1.9	-0.5				
12/12	2.5	2.7	-0.2				
3/13	4.6	5.4	-0.8				
6/13	1.4	1.0	0.4				
9/13	2.4	0.5	1.9				
12/13	3.0	1.5	1.5				
3/14	3.6	5.5	-1.9				
6/14	5.0	5.0	0.0				
9/14	2.2	0.4	1.8				
12/14	6.1	8.1	-2.0				
3/15	2.8	3.8	-1.0				
6/15	1.5	-2.7	4.2				
9/15	2.6	2.4	0.2				
12/15	3.6	5.5	-1.9				
3/16	1.7	4.1	-2.4				
6/16	2.8	4.8	-2.0				
9/16	1.7	0.5	1.2				
12/16	2.1	-0.6	2.7				
3/17	1.8	2.2	-0.4				
6/17	1.4	2.0	-0.6				
9/17	1.6	1.5	0.1				
12/17	2.2	2.2	0.0				
3/18	1.3	0.7	0.6				
6/18	2.8	2.6	0.2				
9/18	1.9	1.7	0.2				
12/18	0.8	0.8	0.0				
3/19	3.4	3.2	0.2				
6/19	1.7	1.1	0.6				

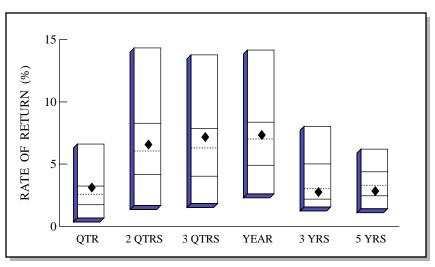
### FIXED INCOME MANAGER SUMMARY



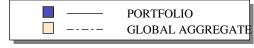
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
CS MCKEE	(Core Fixed Income)	3.1 (72)	6.4 (58)	7.8 (81)	2.6 (65)	3.2 (60)	\$14,392,442
MANULIFE	(Core Fixed Income)	3.3 (19)	7.5 (6)	8.7 (10)	3.7 (7)		\$17,156,111
SSGA U.S. AGG. BOND	(Core Fixed Income)	3.1 (62)	6.1 (78)	7.9 (76)			\$5,936,091
WEAVER C. BARKSDALE	(Core Fixed Income)	3.6 (7)	6.9 (13)	8.1 (50)	2.5 (72)		\$11,743,955
Bloomberg Barclays Aggregate I	ndex	3.1	6.1	7.9	2.3	3.0	
BRANDYWINE	(Int'l Fixed Income)	2.4 (88)	4.9 (91)	2.4 (94)	2.3 (87)	0.5 (78)	\$9,000,175
Bloomberg Barclays Global Gov	ernment Bond	3.4	5.1	5.3	0.8	0.7	

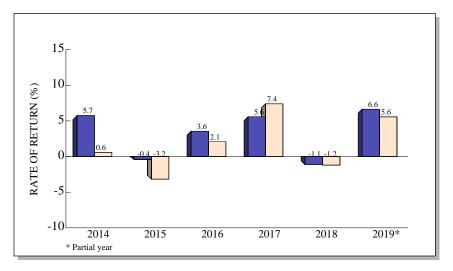
# FIXED INCOME RETURN COMPARISONS





Broad Market Fixed Universe



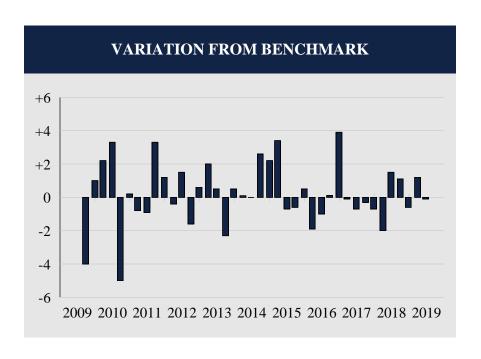


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	3.2	6.6	7.2	7.4	2.8	2.9
(RANK)	(29)	(39)	(35)	(44)	(55)	(63)
5TH %ILE	6.6	14.3	13.8	14.2	8.0	6.2
25TH %ILE	3.2	8.3	7.9	8.4	5.0	4.4
MEDIAN	2.6	6.1	6.3	7.0	3.0	3.3
75TH %ILE	1.7	4.2	4.0	4.9	2.2	2.5
95TH %ILE	0.7	1.7	1.8	2.6	1.6	1.4
Global Agg	3.3	5.6	6.8	5.8	1.6	1.2

Broad Market Fixed Universe

# FIXED INCOME QUARTERLY PERFORMANCE SUMMARY

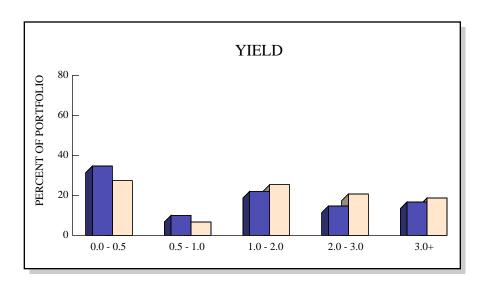
#### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS GLOBAL AGGREGATE

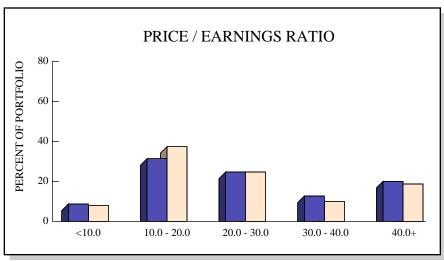


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	22
<b>Quarters Below the Benchmark</b>	18
Batting Average	.550

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/09	2.2	6.2	-4.0			
12/09	0.2	-0.8	1.0			
3/10	1.9	-0.3	2.2			
6/10	3.3	0.0	3.3			
9/10	2.3	7.3	-5.0			
12/10	-1.1	-1.3	0.2			
3/11	0.4	1.2	-0.8			
6/11	2.2	3.1	-0.9			
9/11	4.3	1.0	3.3			
12/11	1.4	0.2	1.2			
3/12	0.5	0.9	-0.4			
6/12	2.1	0.6	1.5			
9/12	1.7	3.3	-1.6			
12/12	0.1	-0.5	0.6			
3/13	-0.1	-2.1	2.0			
6/13	-2.3	-2.8	0.5			
9/13	0.5	2.8	-2.3			
12/13	0.1	-0.4	0.5			
3/14	2.5	2.4	0.1			
6/14	2.5	2.5	0.0			
9/14	-0.5	-3.1	2.6			
12/14	1.2	-1.0	2.2			
3/15	1.5	-1.9	3.4			
6/15	-1.9	-1.2	-0.7			
9/15	0.3	0.9	-0.6			
12/15	-0.4	-0.9	0.5			
3/16	4.0	5.9	-1.9			
6/16	1.9	2.9	-1.0			
9/16	0.9	0.8	0.1			
12/16	-3.2	-7.1	3.9			
3/17	1.7	1.8	-0.1			
6/17	1.9	2.6	-0.7			
9/17	1.5	1.8	-0.3			
12/17	0.4	1.1	-0.7			
3/18	-0.6	1.4	-2.0			
6/18	-1.3	-2.8	1.5			
9/18	0.2	-0.9	1.1			
12/18	0.6	1.2	-0.6			
3/19	3.4	2.2	1.2			
6/19	3.2	3.3	-0.1			

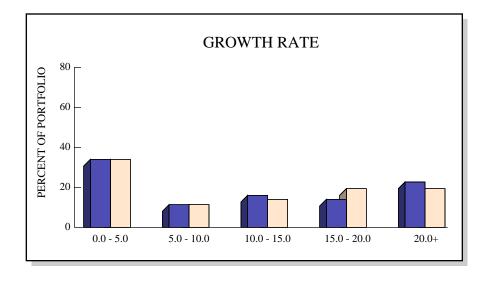
### STOCK CHARACTERISTICS

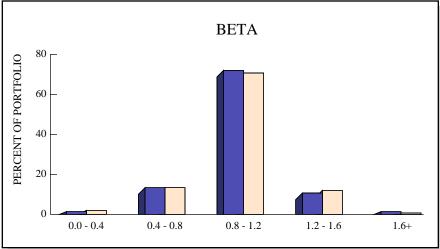




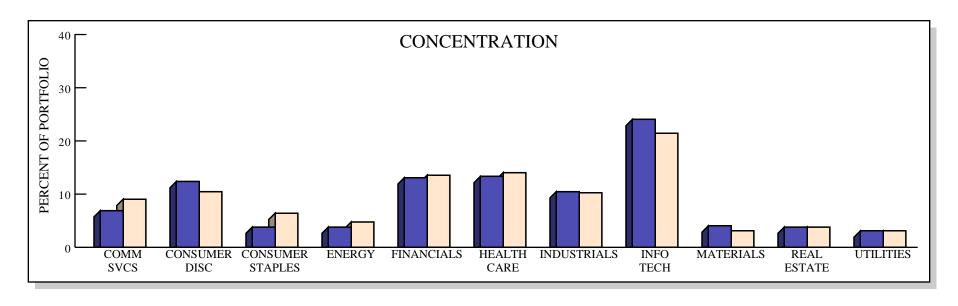
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	2,770	1.6%	12.9%	27.4	0.99	
RUSSELL 3000	2,953	1.8%	11.6%	27.2	0.98	

47

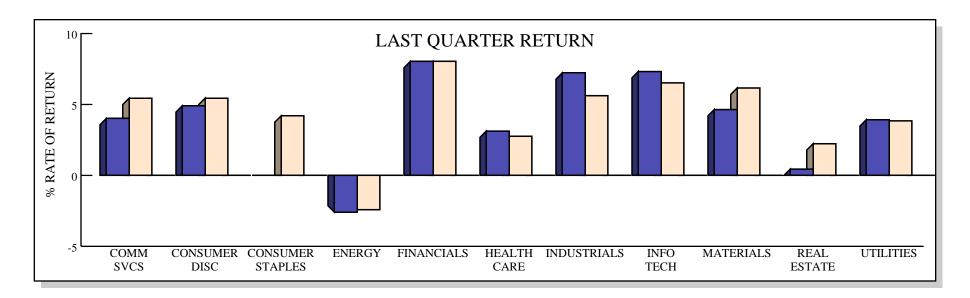




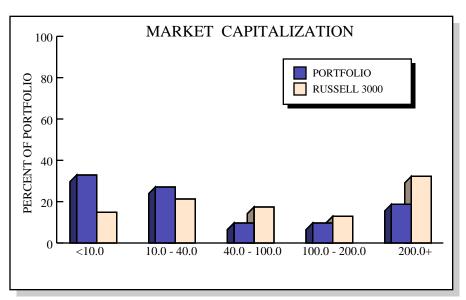
#### STOCK INDUSTRY ANALYSIS

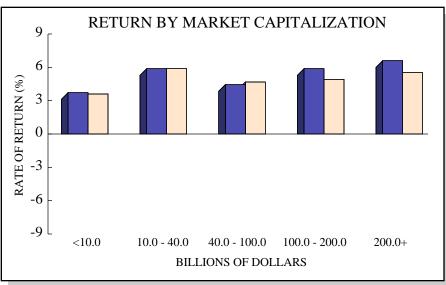






### **TOP TEN HOLDINGS**

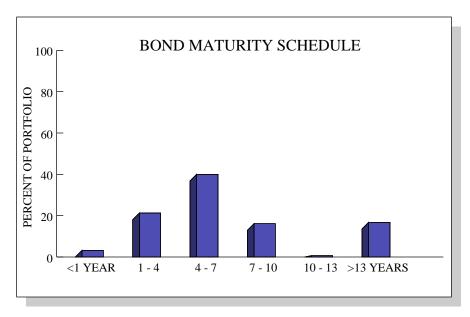


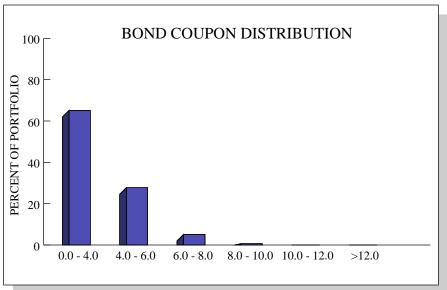


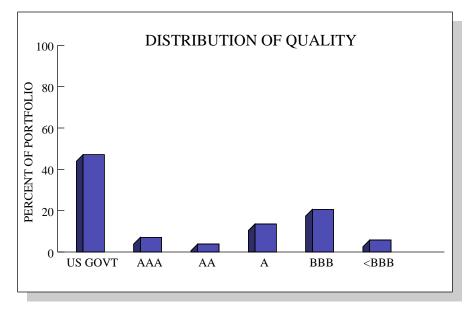
# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	MICROSOFT CORP	\$ 4,729,726	2.85%	14.0%	Information Technology	\$ 1026.5 B
2	FACEBOOK INC-CLASS A	3,075,841	1.85%	15.8%	Communication Services	463.7 B
3	VISA INC-CLASS A SHARES	2,617,828	1.57%	11.3%	Information Technology	301.8 B
4	ALPHABET INC-CL C	2,339,089	1.41%	-7.9%	Communication Services	376.4 B
5	ADOBE INC	1,969,441	1.18%	10.6%	Information Technology	143.0 B
6	MASTERCARD INC - A	1,901,442	1.14%	12.5%	Information Technology	267.1 B
7	APPLE INC	1,732,196	1.04%	4.6%	Information Technology	910.6 B
8	ZOETIS INC	1,622,566	.98%	12.9%	Health Care	54.3 B
9	DOLLAR GENERAL CORP	1,621,379	.98%	13.6%	Consumer Discretionary	34.9 B
10	ACCENTURE PLC-CL A	1,575,719	.95%	5.8%	Information Technology	124.2 B

### **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	1015	10,610
Duration	6.35	5.73
YTM	2.89	2.49
Average Coupon	3.73	3.23
Avg Maturity / WAL	8.65	8.87
Average Quality	AAA-AA	USG-AAA

### **APPENDIX - MAJOR MARKET INDEX RETURNS**

Economic Data	Style	QTR	YTD	1 Year	3 years	5 Years
Consumer Price Index	Economic Data	0.8	2.0	1.7	2.0	1.5
Domestic Equity	Style	QTR	YTD	1 Year	3 years	5 Years
Russell 3000	Broad Equity	4.1	18.7	9.0	14.0	10.2
S&P 500	Large Cap Core	4.3	18.5	10.4	14.2	10.7
Russell 1000	Large Cap	4.2	18.8	10.0	14.1	10.4
Russell 1000 Growth	Large Cap Growth	4.6	21.5	11.6	18.1	13.4
Russell 1000 Value	Large Cap Value	3.8	16.2	8.4	10.2	7.5
Russell Mid Cap	Midcap	4.1	21.3	7.8	12.1	8.6
Russell Mid Cap Growth	Midcap Growth	5.4	26.1	13.9	16.5	11.1
Russell Mid Cap Value	Midcap Value	3.2	18.0	3.7	8.9	6.7
Russell 2000	Small Cap	2.1	17.0	-3.3	12.3	7.1
Russell 2000 Growth	Small Cap Growth	2.7	20.3	-0.5	14.7	8.6
Russell 2000 Value	Small Cap Value	1.4	13.5	-6.3	9.8	5.4
International Equity	Style	QTR	YTD	1 Year	3 years	5 Years
MSCI All Country World Ex US	Foreign Equity	3.2	14.0	1.8	9.9	2.6
MSCI EAFE	Developed Markets Equity	4.0	14.5	1.6	9.6	2.7
MSCI EAFE Growth	Developed Markets Growth	6.0	18.9	4.7	10.1	4.8
MSCI EAFE Value	Developed Markets Value	1.9	10.1	-1.5	9.1	0.6
MSCI Emerging Markets	Emerging Markets Equity	0.7	10.8	1.6	11.1	2.9
Domestic Fixed Income	Style	QTR	YTD	1 Year	3 years	5 Years
Bloomberg Barclays Aggregate Index	Core Fixed Income	3.1	6.1	7.9	2.3	3.0
Bloomberg Barclays Capital Gov't Bond	Treasuries	3.0	5.2	7.2	1.4	2.5
Bloomberg Barclays Capital Credit Bond	Corporate Bonds	4.3	9.4	10.3	3.7	3.9
Intermediate Aggregate	Core Intermediate	2.4	4.7	6.7	2.0	2.5
ML/BoA 1-3 Year Treasury	<b>Short Term Treasuries</b>	1.4	2.4	4.0	1.3	1.2
Bloomberg Barclays Capital High Yield	High Yield Bonds	2.5	9.9	7.5	7.5	4.7
Alternative Assets	Style	QTR	YTD	1 Year	3 years	5 Years
Bloomberg Barclays Global Treasury Ex US	International Treasuries	3.6	5.0	4.7	0.5	0.2
NCREIF NFI-ODCE Index	Real Estate	1.0	2.4	6.4	7.6	9.8
HFRI FOF Composite	Hedge Funds	2.1	6.8	1.8	4.5	2.3

#### **APPENDIX - DISCLOSURES**

\* The shadow index is a customized index that matches your portfolio's asset allocation on a quarterly basis.

This index was calculated using the following asset classes and corresponding benchmarks:

Large Cap Equity S&P 500

Mid Cap Equity Russell Mid Cap Small Cap Equity Russell 2000

Developed Markets Equity Taunton International Index
Emerging Markets Equity MSCI Emerging Markets
Alternative Assets Russell 3000 (Lagged)

Real Assets Real Asset Index

Fixed Income Bloomberg Barclays Global Aggregate

Cash & Equivalent 90 Day T Bill

\* The Policy Index is a passive, policy-weighted index that was constructed as follows:

47.5% Russell 3000 17.5% MSCI ACXUS Net 20.0% Barlcays Aggregate

2.0% NAREIT 9.0% NCREIF 2.0% NCRFFL

2.0% NCREIF TIMBER

\* The Real Asset index is a passive index that was constructed as follows:

13.3% NAREIT 13.3% NCRFFL 13.3% NCREIF TIMBER 60% NCRODCE

- \* Due to delayed release of data all market values, returns, and cash flows for private equity accounts and indexes have been lagged.
- \* The Taunton International Index is a passive hybrid index that was constructed as follows:

Before January 2013:

100% MSCI EAFE Net

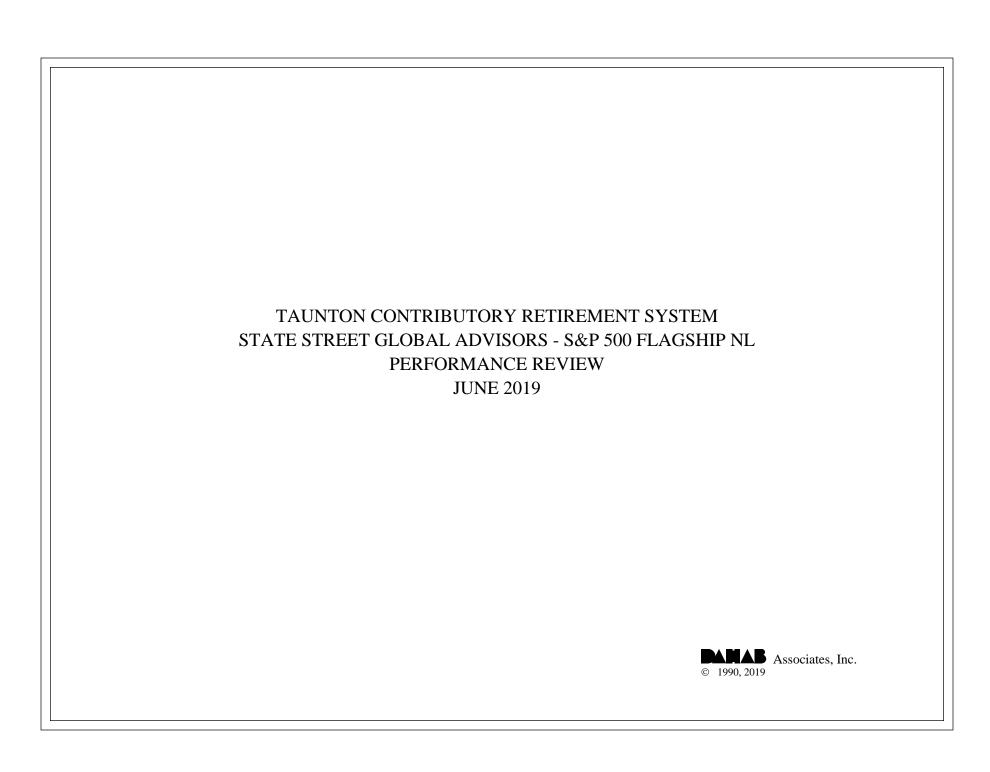
After January 2013:

100% MSCI ACXUS NET

<sup>\*</sup>As of January 2013 the MSCI EAFE Net index was replaced with the MSCI ACXUS Net index.

#### **APPENDIX - DISCLOSURES**

- \* All returns, valuations, and cash flows prior to June 2008 were taken from exhibits produced by the Fund's prior consultant and have not been verified by Dahab Associates.
- \* Dahab Associates utilizes data provided by a custodian and other vendors it believes are reliable. However, it cannot assume responsibility for errors and omissions therefrom.
- \* All returns were calculated on a time-weighted basis, and are gross of fees unless otherwise noted.
- \* All returns for periods greater than one year are annualized.
- \* Dahab Associates uses the modified duration measure to present average duration.
- \* All values are in US dollars.



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors S&P 500 Flagship NL portfolio was valued at \$34,934,820, representing an increase of \$1,441,687 from the March quarter's ending value of \$33,493,133. Last quarter, the Fund posted withdrawals totaling \$2,454, which partially offset the portfolio's net investment return of \$1,444,141. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$1,444,141.

#### **RELATIVE PERFORMANCE**

Although currently utilizing the S&P 500 Flagship Non-lending Fund, this portfolio has historically employed other SSgA Domestic Large Cap equity funds. It is for that reason that this portfolio's historical returns have a degree of tracking error relative to the S&P 500.

#### **Total Fund**

During the second quarter, the State Street Global Advisors S&P 500 Flagship NL portfolio returned 4.3%, which was equal to the S&P 500 Index's return of 4.3% and ranked in the 47th percentile of the Large Cap universe. Over the trailing twelve-month period, this portfolio returned 10.5%, which was 0.1% above the benchmark's 10.4% performance, and ranked in the 36th percentile. Since June 2009, the account returned 14.6% per annum and ranked in the 50th percentile. For comparison, the S&P 500 returned an annualized 14.7% over the same time frame.

#### **ASSET ALLOCATION**

This account was fully invested in the SSgA S&P 500 Flagship Non-lending Fund at quarter end.

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/09	
Total Portfolio - Gross	4.3	18.5	10.5	14.2	10.7	14.6	
LARGE CAP RANK	(47)	(46)	(36)	(42)	(39)	(50)	
Total Portfolio - Net	4.3	18.5	10.4	14.2	10.7	14.6	
S&P 500	4.3	18.5	10.4	14.2	10.7	14.7	
Large Cap Equity - Gross	4.3	18.5	10.5	14.2	10.7	14.6	
LARGE CAP RANK	(47)	(46)	(36)	(42)	(39)	(50)	
S&P 500	4.3	18.5	10.4	14.2	10.7	14.7	
Russell 1000G	4.6	21.5	11.6	18.1	13.4	16.3	
Russell 1000V	3.8	16.2	8.4	10.2	7.5	13.2	

ASSET ALLOCATION							
Large Cap Equity	100.0%	\$ 34,934,820					
Total Portfolio	100.0%	\$ 34,934,820					

### INVESTMENT RETURN

 Market Value 3/2019
 \$ 33,493,133

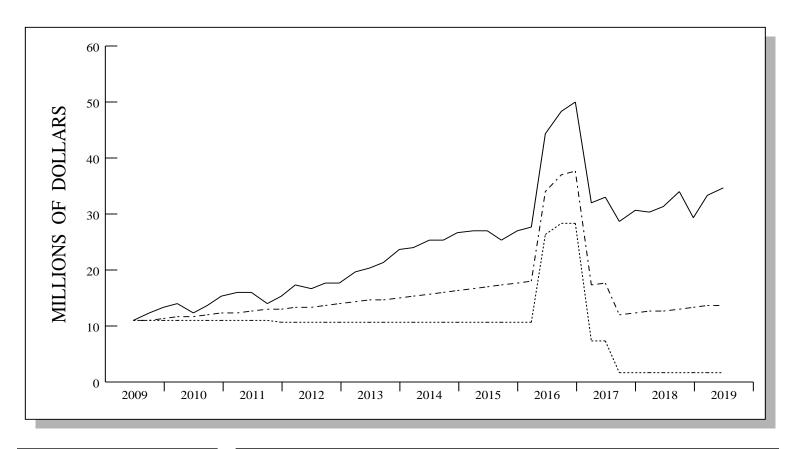
 Contribs / Withdrawals
 - 2,454

 Income
 0

 Capital Gains / Losses
 1,444,141

 Market Value 6/2019
 \$ 34,934,820

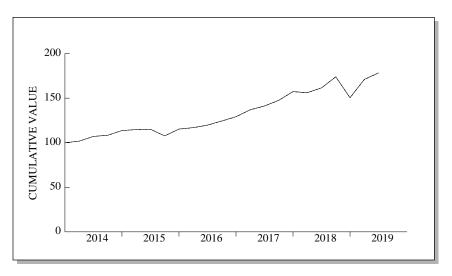
#### **INVESTMENT GROWTH**

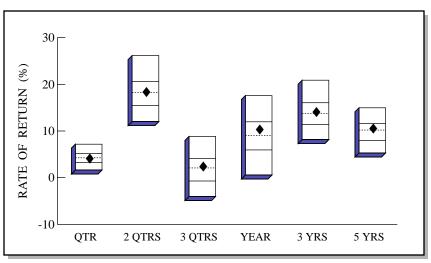


VALUE ASSUMING 8.0% RETURN \$ 13,966,502

	LAST QUARTER	PERIOD 6/09 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 33,493,133 - 2,454 1,444,141 \$ 34,934,820	\$ 11,044,887 - 9,317,430 33,207,363 \$ 34,934,820
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ \underline{1,444,141} \\ 1,444,141 \end{array} $	$ \begin{array}{r} 0 \\ 33,207,363 \\ \hline 33,207,363 \end{array} $

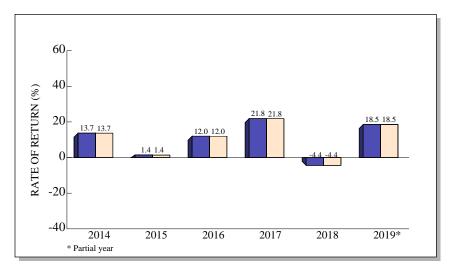
# TOTAL RETURN COMPARISONS





Large Cap Universe



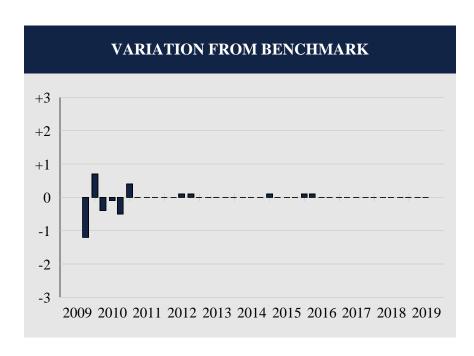


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	4.3	18.5	2.5	10.5	14.2	10.7
(RANK)	(47)	(46)	(40)	(36)	(42)	(39)
5TH %ILE	7.2	26.2	8.8	17.6	20.9	15.0
25TH %ILE	5.2	20.6	4.1	12.0	16.1	11.6
MEDIAN	4.3	18.3	2.1	9.1	13.8	10.2
75TH %ILE	3.2	15.5	-0.7	5.9	11.4	7.9
95TH %ILE	1.6	12.0	-4.1	0.6	8.2	5.3
S&P 500	4.3	18.5	2.5	10.4	14.2	10.7

Large Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

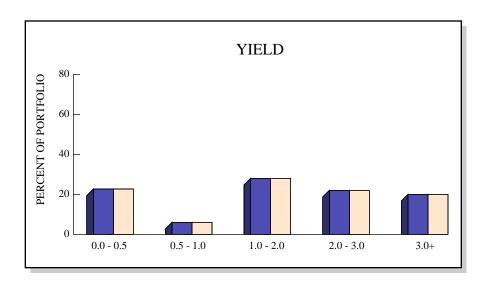
**COMPARATIVE BENCHMARK: S&P 500** 

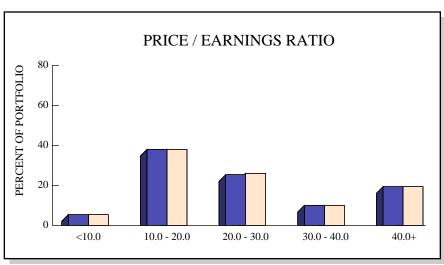


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	36
<b>Quarters Below the Benchmark</b>	4
Batting Average	.900

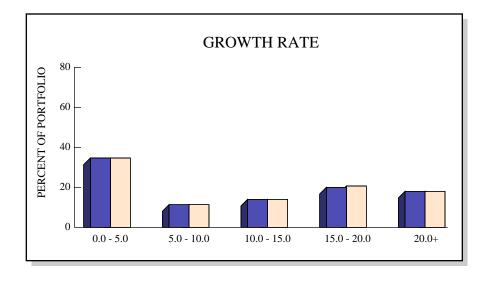
	RATES OF RETURN							
Date	Portfolio	Benchmark	Difference					
9/09	14.4	15.6	-1.2					
12/09	6.7	6.0	0.7					
3/10	4.9	5.3	-0.4					
6/10	-11.5	-11.4	-0.1					
9/10	10.8	11.3	-0.5					
12/10	11.2	10.8	0.4					
3/11	5.9	5.9	0.0					
6/11	0.1	0.1	0.0					
9/11	-13.9	-13.9	0.0					
12/11	11.8	11.8	0.0					
3/12	12.6	12.6	0.0					
6/12	-2.7	-2.8	0.1					
9/12	6.4	6.3	0.1					
12/12	-0.4	-0.4	0.0					
3/13 6/13 9/13 12/13	10.6 2.9 5.2 10.5	10.6 2.9 5.2 10.5	0.0 0.0 0.0 0.0 0.0					
3/14 6/14 9/14 12/14	1.8 5.2 1.1 5.0	1.8 5.2 1.1 4.9	0.0 0.0 0.0 0.0 0.1					
3/15	0.9	0.9	0.0					
6/15	0.3	0.3	0.0					
9/15	-6.4	-6.4	0.0					
12/15	7.1	7.0	0.1					
3/16	1.4	1.3	0.1					
6/16	2.5	2.5	0.0					
9/16	3.9	3.9	0.0					
12/16	3.8	3.8	0.0					
3/17	6.1	6.1	0.0					
6/17	3.1	3.1	0.0					
9/17	4.5	4.5	0.0					
12/17	6.6	6.6	0.0					
3/18	-0.8	-0.8	0.0					
6/18	3.4	3.4	0.0					
9/18	7.7	7.7	0.0					
12/18	-13.5	-13.5	0.0					
3/19	13.6	13.6	0.0					
6/19	4.3	4.3	0.0					

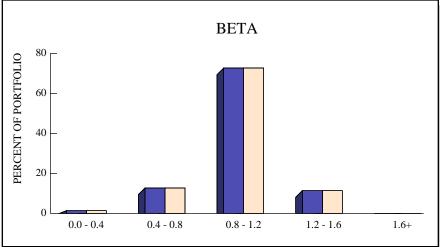
### STOCK CHARACTERISTICS



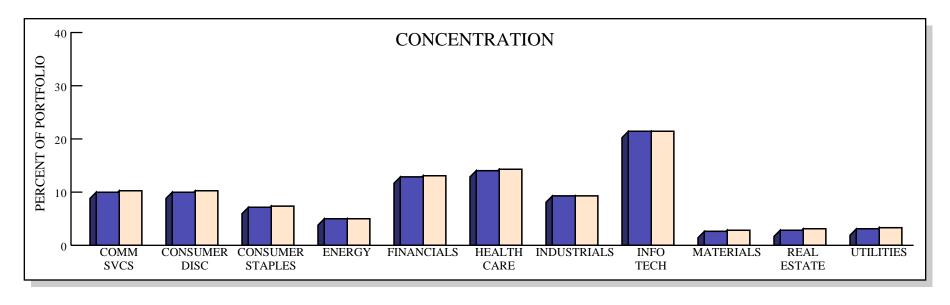


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	ı
PORTFOLIO	505	1.9%	11.5%	28.4	0.98	
S&P 500	505	1.9%	11.5%	28.4	1.00	

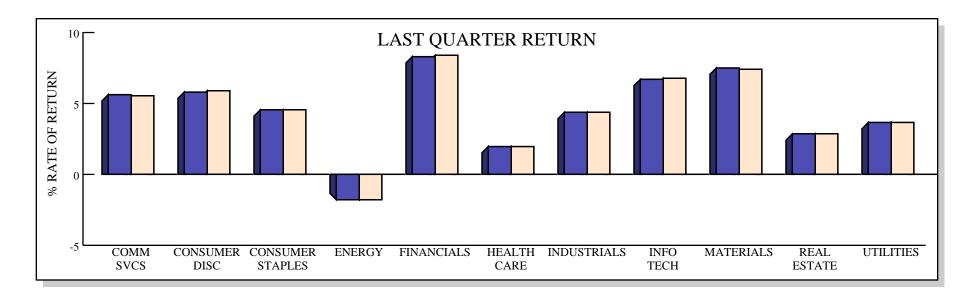




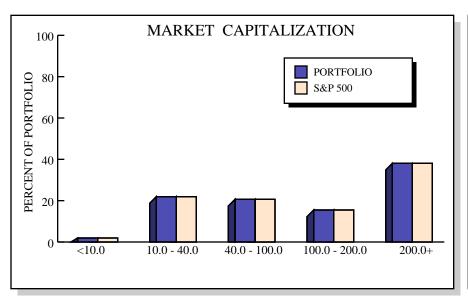
#### STOCK INDUSTRY ANALYSIS

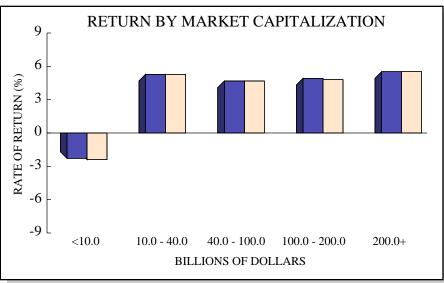






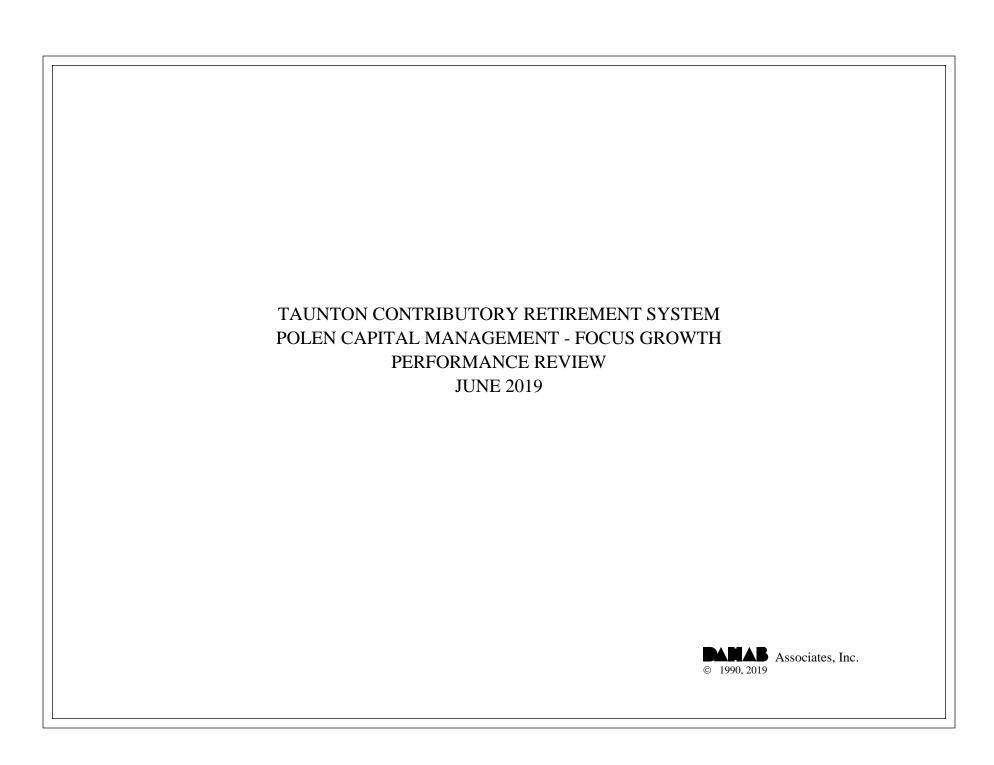
#### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	MICROSOFT CORP	\$ 1,468,336	4.20%	14.0%	Information Technology	\$ 1026.5 B
2	APPLE INC	1,237,396	3.54%	4.6%	Information Technology	910.6 B
3	AMAZON.COM INC	1,121,029	3.21%	6.3%	Consumer Discretionary	932.3 B
4	FACEBOOK INC-CLASS A	663,341	1.90%	15.8%	Communication Services	463.7 B
5	BERKSHIRE HATHAWAY INC-CL B	590,907	1.69%	6.1%	Financials	291.7 B
6	JOHNSON & JOHNSON	528,985	1.51%	0.3%	Health Care	369.8 B
7	JPMORGAN CHASE & CO	518,752	1.48%	11.3%	Financials	362.7 B
8	ALPHABET INC-CL C	473,439	1.36%	-7.9%	Communication Services	376.4 B
9	EXXON MOBIL CORP	463,765	1.33%	-4.1%	Energy	324.2 B
10	ALPHABET INC-CL A	463,438	1.33%	-8.0%	Communication Services	324.2 B



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Polen Capital Management Focus Growth portfolio was valued at \$29,518,085, representing an increase of \$1,693,715 from the March quarter's ending value of \$27,824,370. Last quarter, the Fund posted withdrawals totaling \$34,952, which partially offset the portfolio's net investment return of \$1,728,667. Income receipts totaling \$82,486 plus net realized and unrealized capital gains of \$1,646,181 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

For the second quarter, the Polen Capital Management Focus Growth portfolio returned 6.2%, which was 1.6% above the Russell 1000 Growth Index's return of 4.6% and ranked in the 25th percentile of the Large Cap Growth universe. Over the trailing year, the portfolio returned 20.2%, which was 8.6% above the benchmark's 11.6% return, ranking in the 4th percentile. Since December 2013, the portfolio returned 17.2% annualized and ranked in the 4th percentile. The Russell 1000 Growth returned an annualized 13.4% over the same period.

#### **ASSET ALLOCATION**

At the end of the second quarter, large cap equities comprised 95.0% of the total portfolio (\$28.0 million), while cash & equivalents totaled 5.0% (\$1.5 million).

#### **EQUITY ANALYSIS**

At the end of quarter, the Polen Capital portfolio was diversified across four of the eleven sectors in our data analysis. With respect to the Russell 1000 Growth index, the portfolio was overweight in the Communication Services, Consumer Discretionary and Information Technology sectors. The Health Care sector held a notably lighter allocation.

The portfolio outpaced the index in two of the four invested sectors. The overweight Consumer Discretionary and Information Technology sectors surpassed their index counterparts adding value to the portfolio. Overall the portfolio outperformed the index by 160 basis points.

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
Quarter YTD 1 Year 3 Year 5 Year Since 12/13								
Total Portfolio - Gross	6.2	24.3	20.2	21.7	18.0	17.2		
LARGE CAP GROWTH RANK	(25)	(28)	(4)	(12)	(3)	(4)		
Total Portfolio - Net	6.1	24.0	19.6	21.1	17.4	16.7		
Russell 1000G	4.6	21.5	11.6	18.1	13.4	13.4		
Large Cap Equity - Gross	6.6	25.6	21.3	22.6	18.6	17.9		
LARGE CAP GROWTH RANK	(20)	(19)	(4)	(8)	(2)	(2)		
Russell 1000G	4.6	21.5	11.6	18.1	13.4	13.4		
Russell 1000V	3.8	16.2	8.4	10.2	7.5	8.3		
Russell 1000	4.2	18.8	10.0	14.1	10.4	10.9		

ASSET ALLOCATION						
Large Cap Equity Cash	95.0% 5.0%	\$ 28,030,164 1,487,921				
Total Portfolio	100.0%	\$ 29,518,085				

### INVESTMENT RETURN

 Market Value 3/2019
 \$ 27,824,370

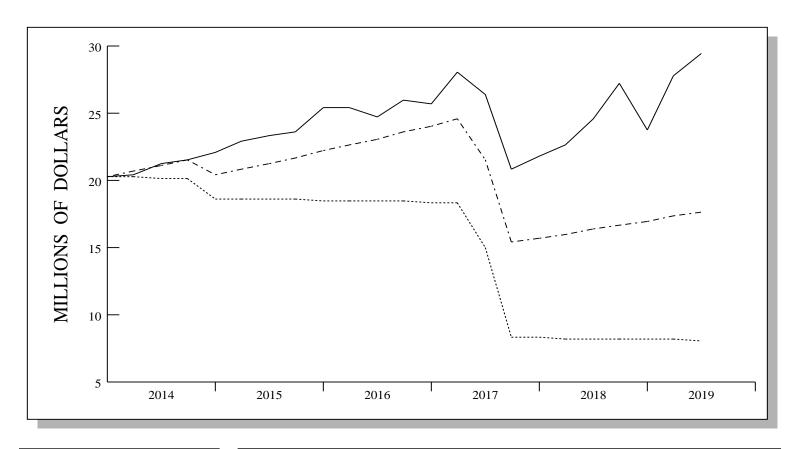
 Contribs / Withdrawals
 - 34,952

 Income
 82,486

 Capital Gains / Losses
 1,646,181

 Market Value 6/2019
 \$ 29,518,085

### **INVESTMENT GROWTH**

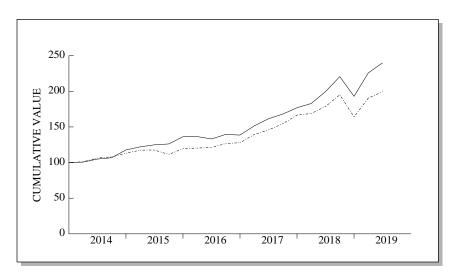


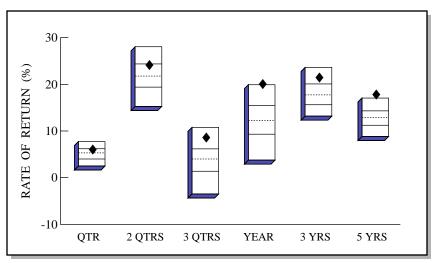
------ ACTUAL RETURN
------ 9.0%
------ 0.0%

VALUE ASSUMING
9.0% RETURN \$ 17,753,267

	LAST QUARTER	PERIOD 12/13 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{r} \$\ 27,824,370 \\ -\ 34,952 \\ \hline 1,728,667 \\ \$\ 29,518,085 \end{array}$	\$ 20,327,518 -12,164,096 21,354,663 \$ 29,518,085
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 82,486 \\ \underline{1,646,181} \\ 1,728,667 \end{array} $	1,257,688 20,096,975 21,354,663

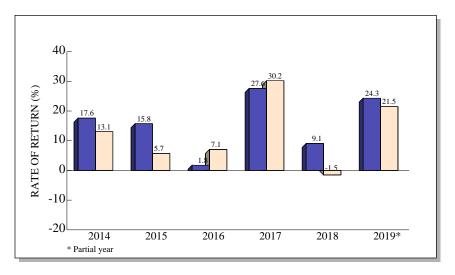
# TOTAL RETURN COMPARISONS





Large Cap Growth Universe



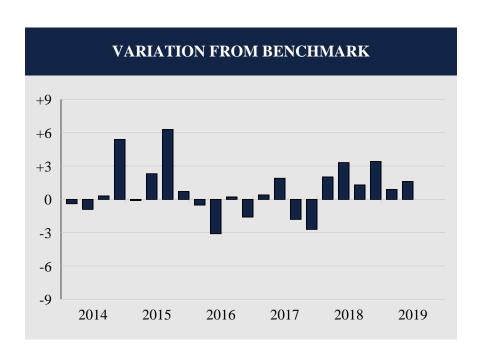


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	6.2	24.3	8.8	20.2	21.7	18.0
(RANK)	(25)	(28)	(11)	(4)	(12)	(3)
5TH %ILE	7.7	28.1	10.8	19.9	23.6	17.1
25TH %ILE	6.2	24.4	6.2	15.5	20.1	14.3
MEDIAN	5.3	21.8	4.0	12.3	17.8	12.9
75TH %ILE	4.0	19.4	1.4	9.3	15.6	11.2
95TH %ILE	2.5	15.3	-3.5	3.8	13.2	8.8
Russ 1000G	4.6	21.5	2.2	11.6	18.1	13.4

Large Cap Growth Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

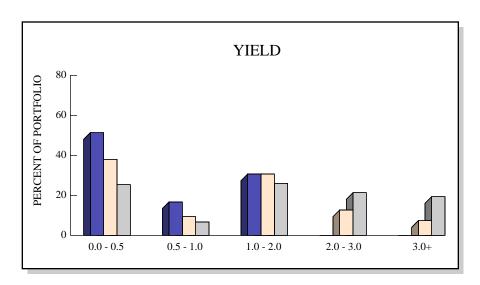
COMPARATIVE BENCHMARK: RUSSELL 1000 GROWTH

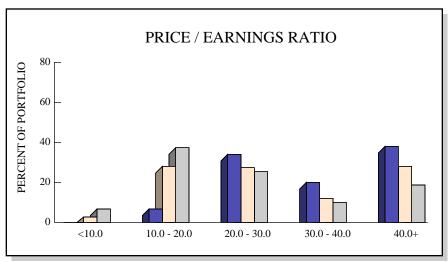


<b>Total Quarters Observed</b>	22
Quarters At or Above the Benchmark	14
Quarters Below the Benchmark	8
<b>Batting Average</b>	.636

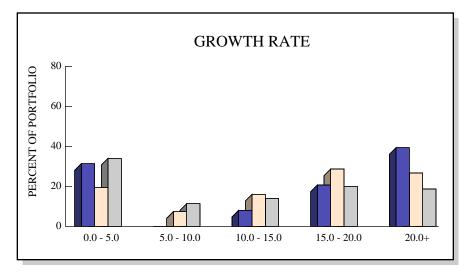
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
3/14	0.7	1.1	-0.4				
6/14	4.2	5.1	-0.9				
9/14	1.8	1.5	0.3				
12/14	10.2	4.8	5.4				
3/15	3.7	3.8	-0.1				
6/15	2.4	0.1	2.3				
9/15	1.0	-5.3	6.3				
12/15	8.0	7.3	0.7				
3/16	0.2	0.7	-0.5				
6/16	-2.5	0.6	-3.1				
9/16	4.8	4.6	0.2				
12/16	-0.6	1.0	-1.6				
3/17	9.3	8.9	0.4				
6/17	6.6	4.7	1.9				
9/17	4.1	5.9	-1.8				
12/17	5.2	7.9	-2.7				
3/18	3.4	1.4	2.0				
6/18	9.1	5.8	3.3				
9/18	10.5	9.2	1.3				
12/18	-12.5	-15.9	3.4				
3/19	17.0	16.1	0.9				
6/19	6.2	4.6	1.6				

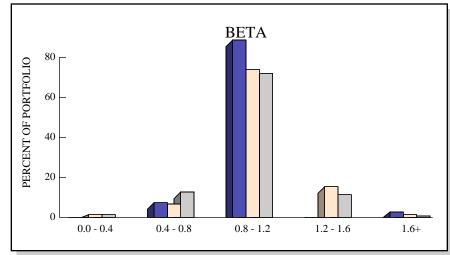
# STOCK CHARACTERISTICS





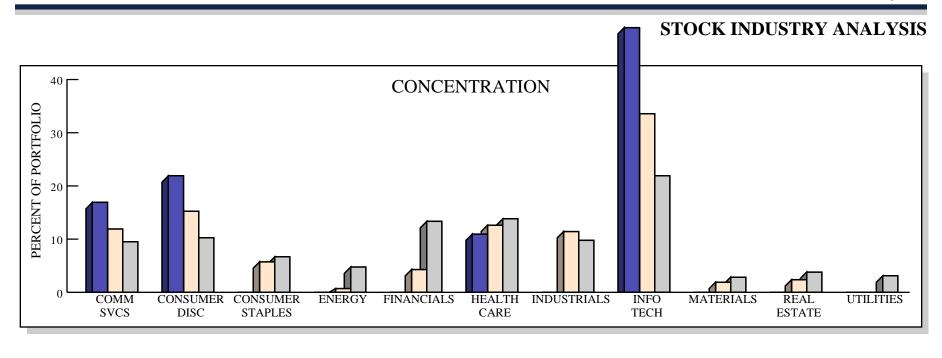
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	21	0.6%	20.7%	38.3	1.03	
RUSSELL 1000G	545	1.2%	17.7%	34.4	1.04	
RUSSELL 1000	976	1.8%	11.6%	27.8	0.98	

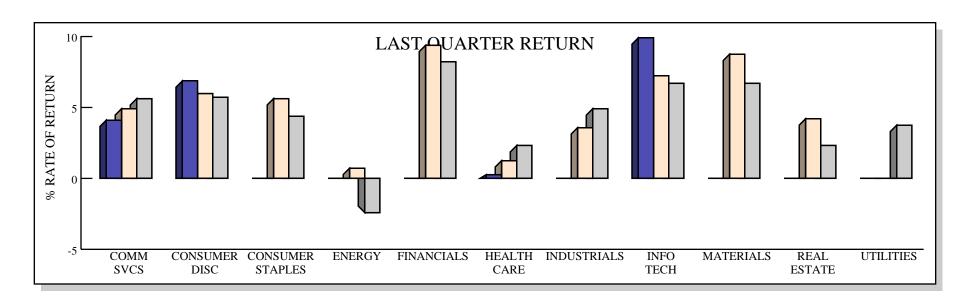




RUSSELL 1000G

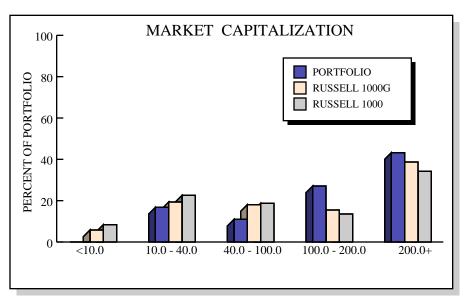
PORTFOLIO

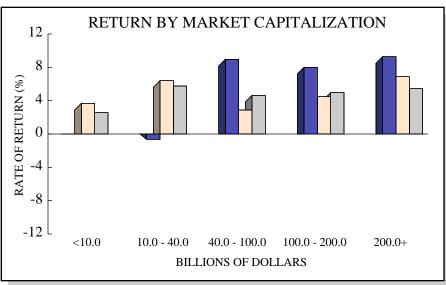




☐ RUSSELL 1000

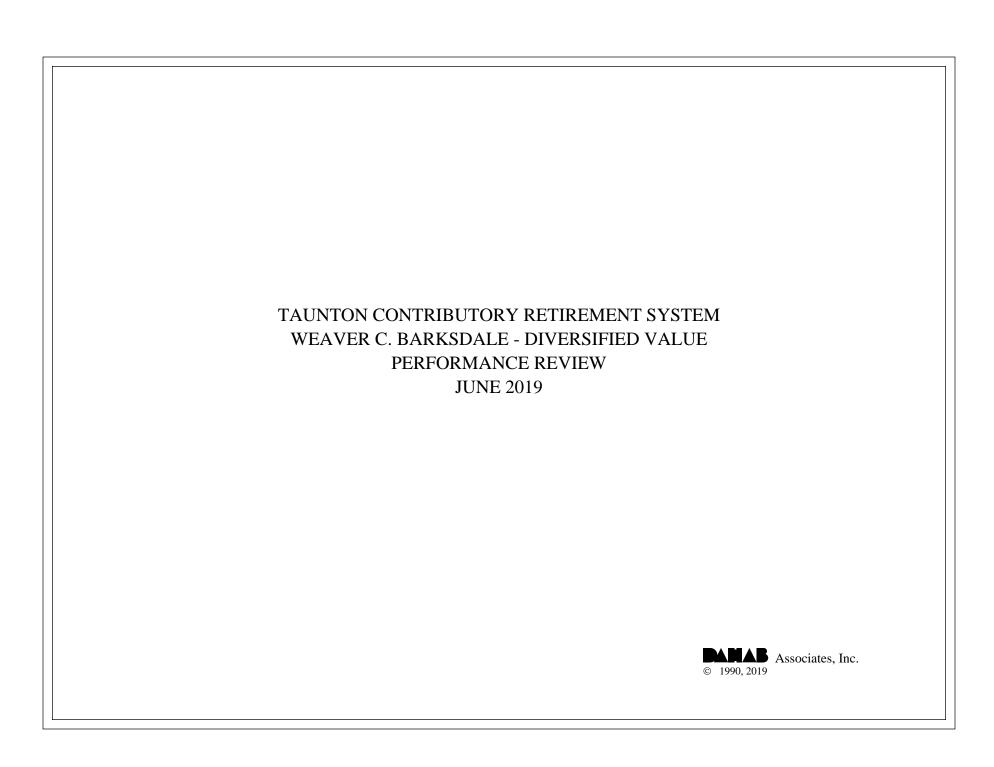
#### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	MICROSOFT CORP	\$ 2,776,723	9.91%	14.0%	Information Technology	\$ 1026.5 B
2	FACEBOOK INC	2,412,500	8.61%	15.8%	Communication Services	463.7 B
3	VISA INC	2,186,209	7.80%	11.3%	Information Technology	301.8 B
4	ALPHABET INC-CL C	1,865,651	6.66%	-7.9%	Communication Services	376.4 B
5	ADOBE INC	1,763,775	6.29%	10.6%	Information Technology	143.0 B
6	MASTERCARD INC	1,561,256	5.57%	12.5%	Information Technology	267.1 B
7	ZOETIS INC	1,544,826	5.51%	12.9%	Health Care	54.3 B
8	ACCENTURE PLC	1,407,208	5.02%	5.8%	Information Technology	124.2 B
9	STARBUCKS CORP	1,266,001	4.52%	13.3%	Consumer Discretionary	101.5 B
10	NIKE INC	1,129,631	4.03%	0.0%	Consumer Discretionary	105.5 B



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Weaver C. Barksdale Diversified Value portfolio was valued at \$26,030,627, representing an increase of \$552,501 from the March quarter's ending value of \$25,478,126. Last quarter, the Fund posted withdrawals totaling \$16,030, which partially offset the portfolio's net investment return of \$568,531. Income receipts totaling \$206,610 plus net realized and unrealized capital gains of \$361,921 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

For the second quarter, the Weaver C. Barksdale Diversified Value portfolio returned 2.2%, which was 1.6% below the Russell 1000 Value's return of 3.8% and ranked in the 83rd percentile of the Large Cap Value universe. Over the trailing year, the portfolio returned 10.1%, which was 1.7% above the benchmark's 8.4% return, ranking in the 20th percentile. Since March 2017, the portfolio returned 10.3% annualized and ranked in the 26th percentile. The Russell 1000 Value returned an annualized 7.4% over the same period.

#### **ASSET ALLOCATION**

At the end of the second quarter, large cap equities comprised 96.9% of the total portfolio (\$25.2 million), while cash & equivalents totaled 3.1% (\$809,105).

#### **HOLDINGS ANALYSIS**

At the end of the quarter, the Weaver C. Barksdale & Associates portfolio was invested in all eleven industry sectors in our analysis. With regard to the Russell 1000 Value index, the portfolio was notably overweight in the Consumer Staples, Information Technology and Real Estate sectors. The remaining sectors were either underweight or closely matched to their index counterpart.

The portfolio underperformed last quarter in eight of the eleven invested sectors. The overweight Consumer Staples and Real Estate sectors both posted losses hindering the portfolio's performance. There was a bright spot seen in the Financials and Information Technology sectors but unfortunately combined allocation was not enough to bolster performance. Overall the portfolio fell 160 basis points below the index last quarter.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/17	
Total Portfolio - Gross	2.2	12.7	10.1			10.3	
LARGE CAP VALUE RANK	(83)	(90)	(20)			(26)	
Total Portfolio - Net	2.2	12.6	9.8			10.1	
Russell 1000V	3.8	16.2	8.4	10.2	7.5	7.4	
Large Cap Equity - Gross	2.3	12.8	10.2			10.4	
LARGE CAP VALUE RANK	(82)	(90)	(19)			(24)	
Russell 1000V	3.8	16.2	8.4	10.2	7.5	7.4	
Russell 1000G	4.6	21.5	11.6	18.1	13.4	17.2	
Russell 1000	4.2	18.8	10.0	14.1	10.4	12.3	

ASSET ALLOCATION					
Large Cap Equity Cash	96.9% 3.1%	\$ 25,221,522 809,105			
Total Portfolio	100.0%	\$ 26,030,627			

# INVESTMENT RETURN

 Market Value 3/2019
 \$ 25,478,126

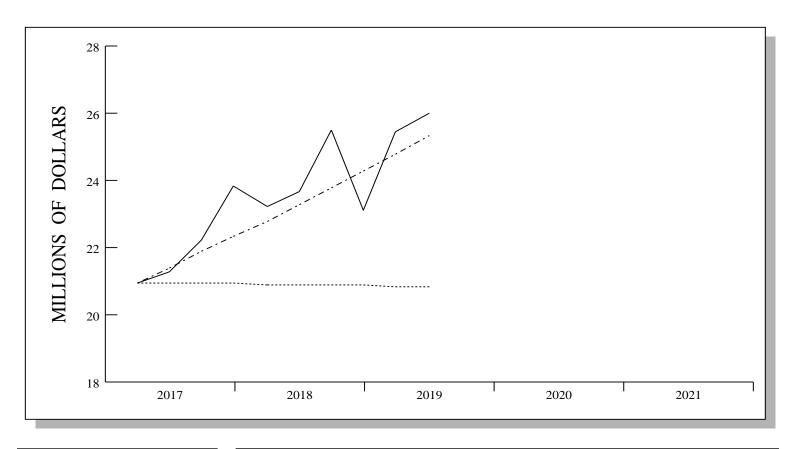
 Contribs / Withdrawals
 - 16,030

 Income
 206,610

 Capital Gains / Losses
 361,921

 Market Value 6/2019
 \$ 26,030,627

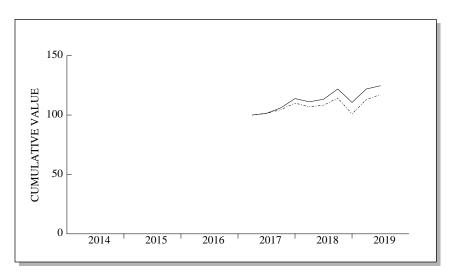
# **INVESTMENT GROWTH**

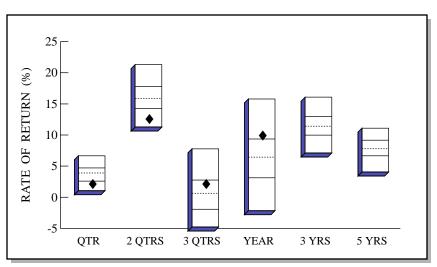


VALUE ASSUMING 9.0% RETURN \$ 25,340,768

	LAST QUARTER	PERIOD 3/17 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 25,478,126 - 16,030 568,531 \$ 26,030,627	\$ 20,977,401 -114,403 5,167,629 \$ 26,030,627
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r}     206,610 \\     361,921 \\     \hline     568,531 \end{array} $	1,741,498 3,426,131 5,167,629

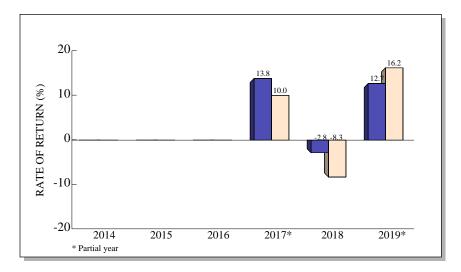
# TOTAL RETURN COMPARISONS





Large Cap Value Universe



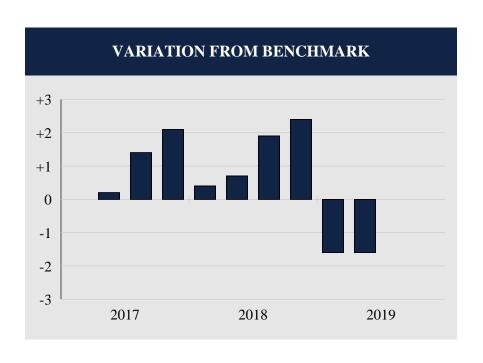


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.2	12.7	2.3	10.1		
(RANK)	(83)	(90)	(31)	(20)		
5TH %ILE	6.7	21.3	7.8	15.8	16.1	11.1
25TH %ILE	4.7	17.8	2.8	9.4	13.0	9.2
MEDIAN	3.9	15.9	0.6	6.5	11.4	7.8
75TH %ILE	2.6	14.3	-1.9	3.1	10.0	6.7
95TH %ILE	1.0	11.3	-4.8	-2.2	7.1	4.0
Russ 1000V	3.8	16.2	2.6	8.4	10.2	7.5

Large Cap Value Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

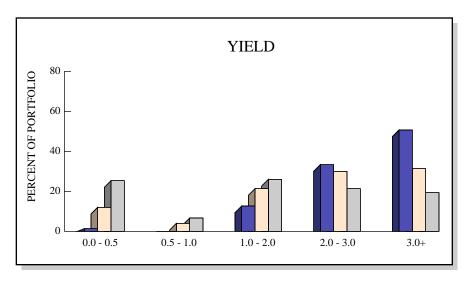
COMPARATIVE BENCHMARK: RUSSELL 1000 VALUE

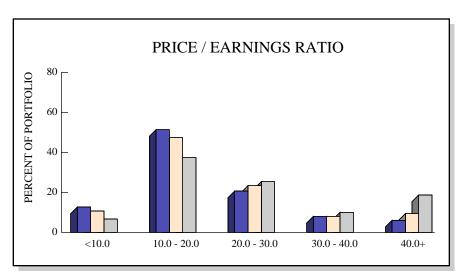


Total Quarters Observed	9
Quarters At or Above the Benchmark	7
<b>Quarters Below the Benchmark</b>	2
<b>Batting Average</b>	.778

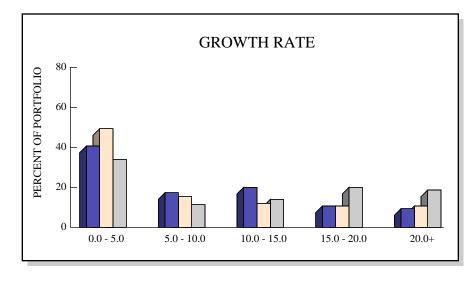
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/17	1.5	1.3	0.2			
9/17 12/17	4.5 7.4	3.1 5.3	1.4 2.1			
3/18	-2.4	-2.8	0.4			
6/18	1.9	1.2	0.7			
9/18 12/18	7.6 -9.3	5.7 -11.7	1.9 2.4			
3/19	10.3	11.9	-1.6			
6/19	2.2	3.8	-1.6			

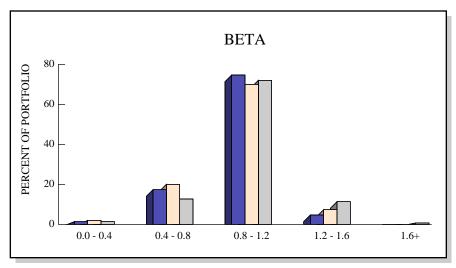
# STOCK CHARACTERISTICS



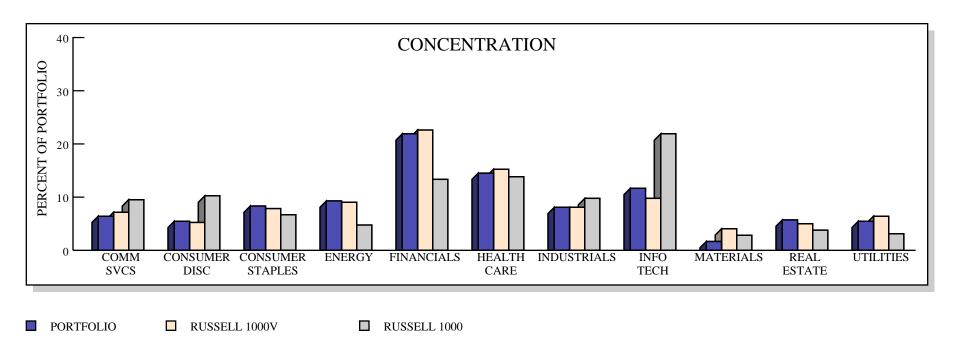


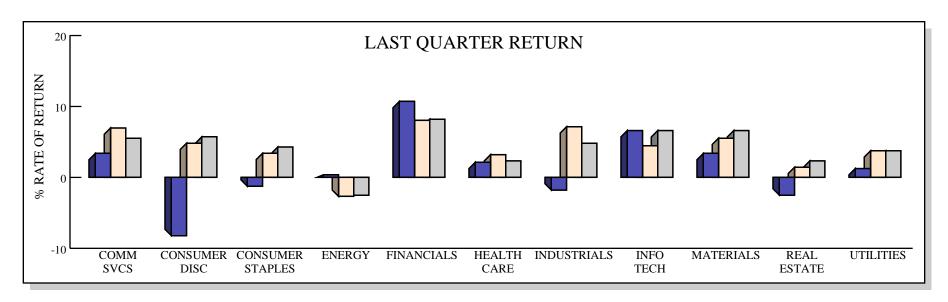
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	58	3.3%	8.5%	19.9	0.92	
RUSSELL 1000V	721	2.5%	5.3%	21.0	0.93	
RUSSELL 1000	976	1.8%	11.6%	27.8	0.98	



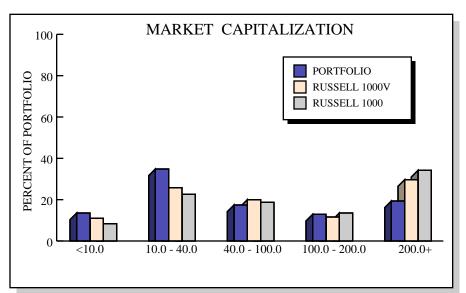


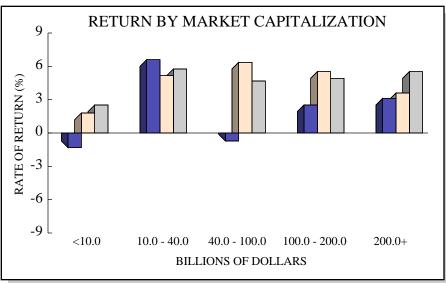
# STOCK INDUSTRY ANALYSIS





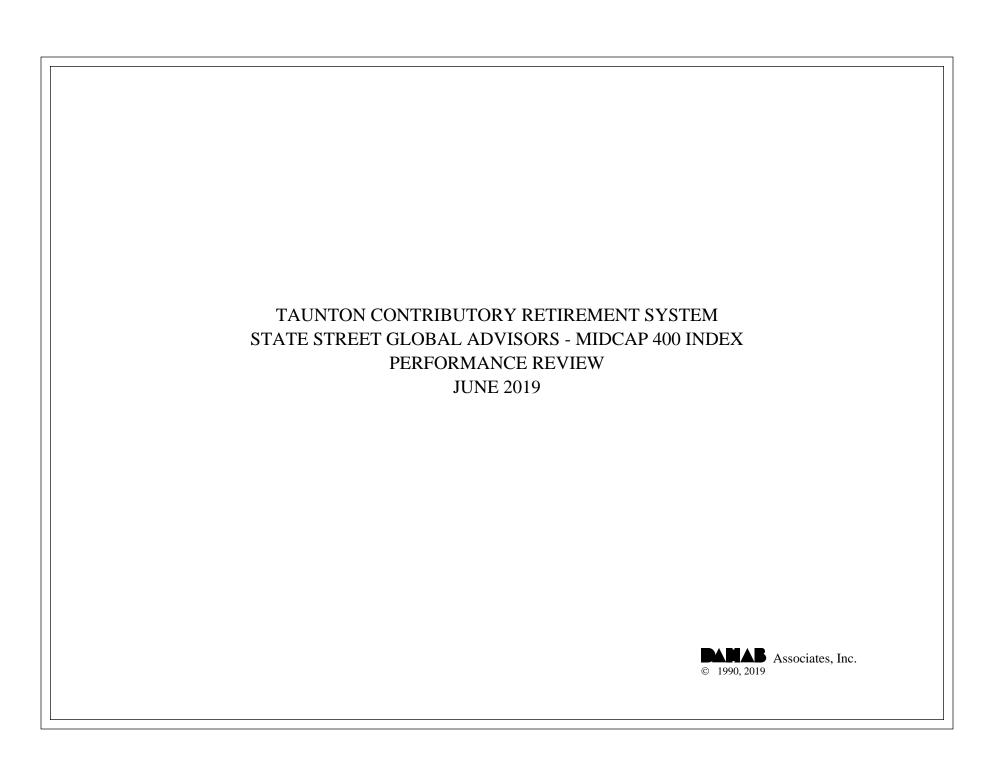
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	OLD REPUBLIC INTERNATIONAL C	\$ 557,105	2.21%	8.0%	Financials	\$ 6.8 B
2	REALTY INCOME CORP	546,311	2.17%	-5.3%	Real Estate	21.8 B
3	AMERIPRISE FINANCIAL INC	525,189	2.08%	14.1%	Financials	19.4 B
4	MERCK & CO INC	524,314	2.08%	1.5%	Health Care	215.9 B
5	CISCO SYSTEMS INC	511,014	2.03%	2.0%	Information Technology	234.3 B
6	COMCAST CORP	510,996	2.03%	6.3%	Communication Services	191.5 B
7	STORE CAPITAL CORP	504,720	2.00%	0.1%	Real Estate	7.5 B
8	TYSON FOODS INC	504,625	2.00%	16.9%	Consumer Staples	23.8 B
9	MAXIM INTEGRATED PRODUCTS IN	502,488	1.99%	13.5%	Information Technology	16.3 B
10	DOMINION ENERGY INC	500,183	1.98%	2.1%	Utilities	62.0 B



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors Midcap 400 Index portfolio was valued at \$6,677,912, representing an increase of \$199,528 from the March quarter's ending value of \$6,478,384. Last quarter, the Fund posted withdrawals totaling \$802, which partially offset the portfolio's net investment return of \$200,330. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$200,330.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the second quarter, the State Street Global Advisors Midcap 400 Index portfolio returned 3.1%, which was 0.1% above the S&P 400 Index's return of 3.0% and ranked in the 71st percentile of the Mid Cap universe. Over the trailing twelve-month period, this portfolio returned 1.4%, which was equal to the benchmark's 1.4% performance, and ranked in the 76th percentile. Since September 2017, the account returned 6.4% per annum and ranked in the 65th percentile. For comparison, the S&P 400 returned an annualized 6.4% over the same time frame.

#### ASSET ALLOCATION

This account was fully invested in the SSgA S&P 400 Midcap Index.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/17	
Total Portfolio - Gross	3.1	18.0	1.4			6.4	
MID CAP RANK	(71)	(71)	(76)			(65)	
Total Portfolio - Net	3.1	18.0	1.3			6.4	
S&P 400	3.0	18.0	1.4	10.9	8.0	6.4	
Mid Cap Equity - Gross	3.1	18.0	1.4			6.4	
MID CAP RANK	(71)	(71)	(76)			(65)	
S&P 400	3.0	18.0	1.4	10.9	8.0	6.4	

ASSET ALLOCATION					
Mid Cap Equity	100.0%	\$ 6,677,912			
Total Portfolio	100.0%	\$ 6,677,912			

# INVESTMENT RETURN

 Market Value 3/2019
 \$ 6,478,384

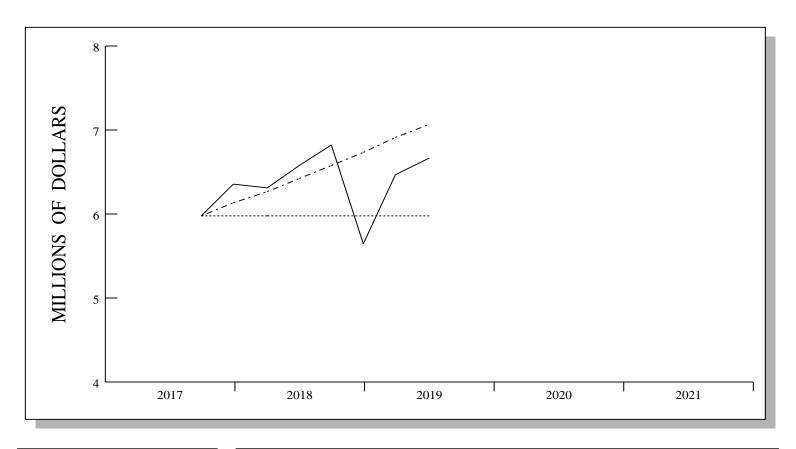
 Contribs / Withdrawals
 -802

 Income
 0

 Capital Gains / Losses
 200,330

 Market Value 6/2019
 \$ 6,677,912

## **INVESTMENT GROWTH**

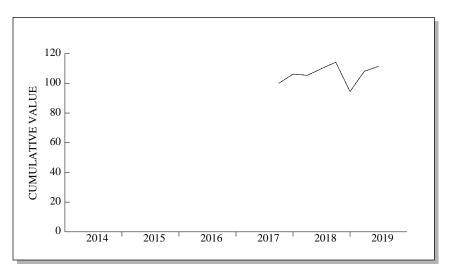


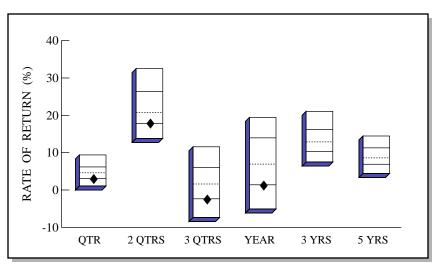
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 7,078,098

	LAST QUARTER	PERIOD 9/17 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{r} \$ \ 6,478,384 \\ -802 \\ \hline 200,330 \\ \$ \ 6,677,912 \end{array}$	\$ 5,995,802 - 5,591 687,701 \$ 6,677,912
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{200,330}$ $200,330$	$ \begin{array}{c} 0 \\ 687,701 \\ \hline 687,701 \end{array} $

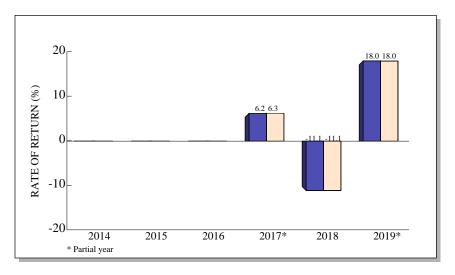
# TOTAL RETURN COMPARISONS





Mid Cap Universe



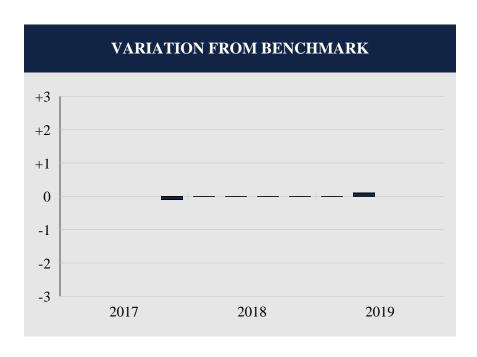


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	3.1	18.0	-2.4	1.4		
(RANK)	(71)	(71)	(77)	(76)		
5TH %ILE	9.4	32.5	11.6	19.4	21.1	14.5
25TH %ILE	6.2	26.4	6.1	14.0	16.2	11.3
MEDIAN	4.6	20.8	1.6	6.9	12.9	8.6
75TH %ILE	3.0	17.8	-2.4	1.4	10.4	6.9
95TH %ILE	1.0	13.8	-7.4	-5.1	7.5	4.4
S&P 400	3.0	18.0	-2.4	1.4	10.9	8.0

Mid Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

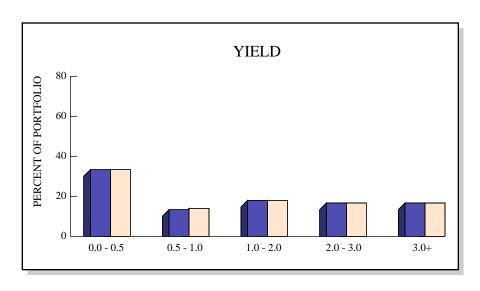
**COMPARATIVE BENCHMARK: S&P 400** 

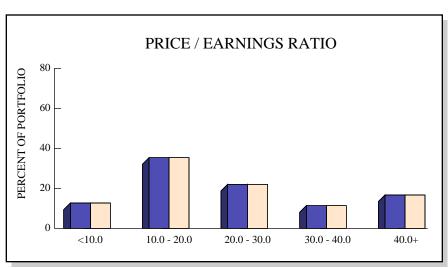


Total Quarters Observed	7
Quarters At or Above the Benchmark	6
Quarters Below the Benchmark	1
Batting Average	.857

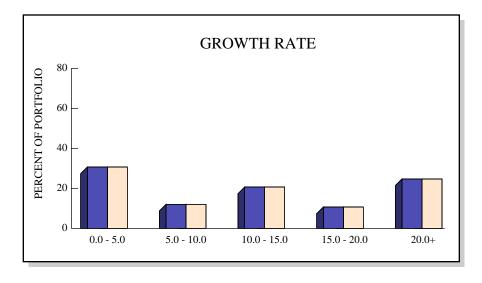
RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
12/17	6.2	6.3	-0.1		
3/18 6/18 9/18	-0.8 4.3 3.9	-0.8 4.3 3.9	0.0 0.0 0.0		
12/18	-17.3	-17.3	0.0		
3/19 6/19	14.5 3.1	14.5 3.0	0.0 0.1		

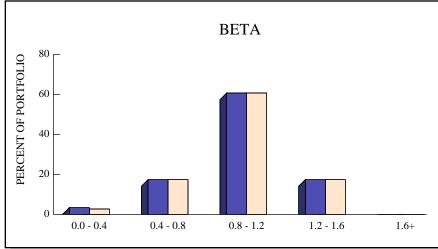
# STOCK CHARACTERISTICS



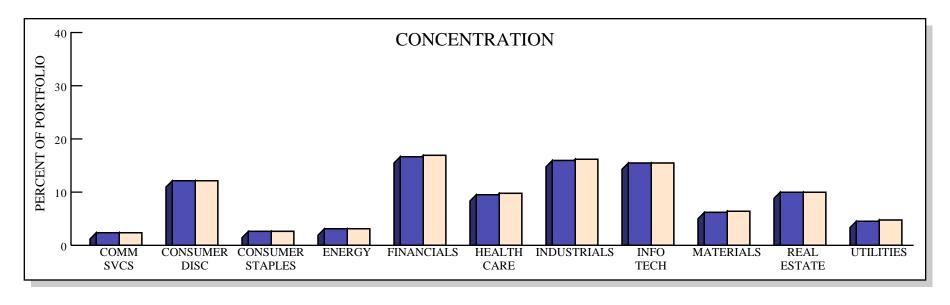


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	400	1.6%	12.0%	23.9	0.97	
S&P 400	400	1.6%	12.0%	24.0	0.97	

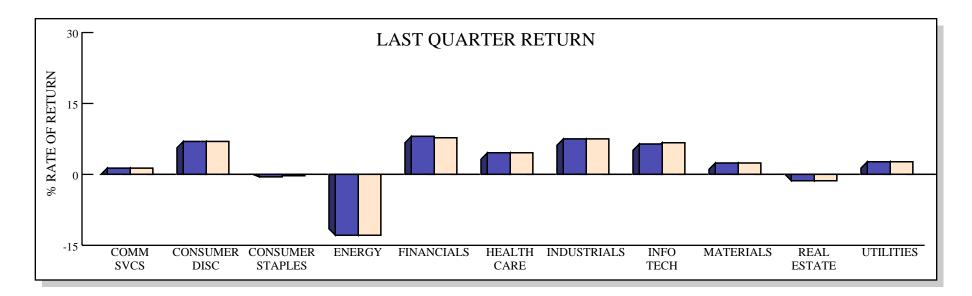




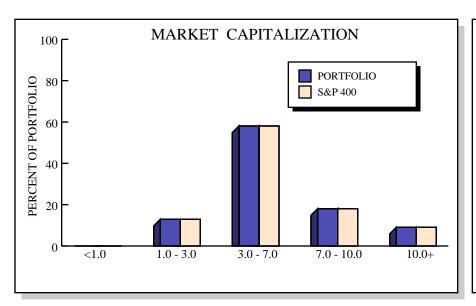
## STOCK INDUSTRY ANALYSIS

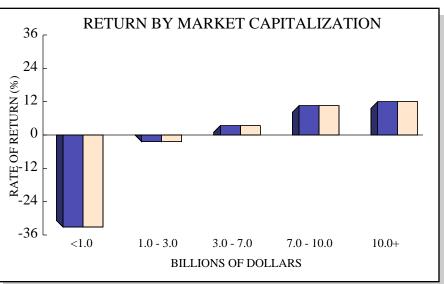






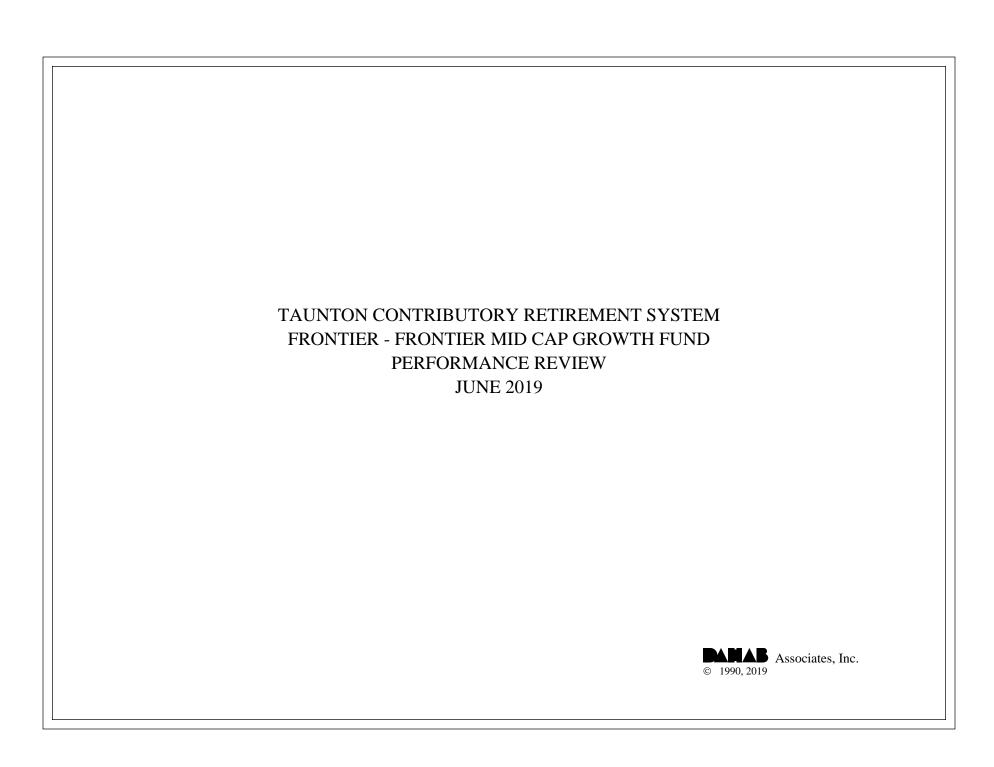
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	IDEX CORP	\$ 50,781	.76%	13.8%	Industrials	\$ 13.0 B
2	STERIS PLC	48,982	.73%	16.6%	Health Care	12.6 B
3	MARKETAXESS HOLDINGS INC	47,249	.71%	30.9%	Financials	12.1 B
4	LEIDOS HOLDINGS INC	44,796	.67%	25.1%	Information Technology	11.5 B
5	DOMINO'S PIZZA INC	44,525	.67%	8.1%	Consumer Discretionary	11.4 B
6	TRIMBLE INC	44,163	.66%	11.7%	Information Technology	11.4 B
7	ZEBRA TECHNOLOGIES CORP-CL A	43,993	.66%	0.0%	Information Technology	11.3 B
8	NVR INC	43,813	.66%	21.8%	Consumer Discretionary	12.1 B
9	FACTSET RESEARCH SYSTEMS INC	42,697	.64%	15.7%	Financials	11.0 B
10	CAMDEN PROPERTY TRUST	39,251	.59%	3.6%	Real Estate	10.1 B



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Frontier Mid Cap Growth Fund was valued at \$17,991,675, representing an increase of \$596,795 from the March quarter's ending value of \$17,394,880. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$596,795 in net investment returns. Since there were no income receipts for the second quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$596,795.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the second quarter, the Frontier Mid Cap Growth Fund gained 3.6%, which was 1.8% less than the Russell Mid Cap Growth Index's return of 5.4% and ranked in the 90th percentile of the Mid Cap Growth universe. Over the trailing twelve-month period, this portfolio returned 13.4%, which was 0.5% below the benchmark's 13.9% return, and ranked in the 57th percentile. Since June 2016, the portfolio returned 15.7% per annum and ranked in the 57th percentile. For comparison, the Russell Mid Cap Growth returned an annualized 16.5% over the same period.

#### ASSET ALLOCATION

This account was fully invested in the Frontier Mid Cap Growth Fund during the quarter.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year		
Total Portfolio - Gross	3.6	24.7	13.4	15.7			
MID CAP GROWTH RANK	(90)	(65)	(57)	(57)			
Total Portfolio - Net	3.4	24.3	12.6	14.9			
Russ Mid Gro	5.4	26.1	13.9	16.5	11.1		
Mid Cap Equity - Gross	3.6	24.7	13.4	15.7			
MID CAP GROWTH RANK	(90)	(65)	(57)	(57)			
Russ Mid Gro	5.4	26.1	13.9	16.5	11.1		
Russell Mid	4.1	21.3	7.8	12.1	8.6		
S&P 400	3.0	18.0	1.4	10.9	8.0		
Russ Mid Val	3.2	18.0	3.7	8.9	6.7		

ASSET ALLOCATION						
Mid Cap Equity	100.0%	\$ 17,991,675				
Total Portfolio	100.0%	\$ 17,991,675				

# INVESTMENT RETURN

 Market Value 3/2019
 \$ 17,394,880

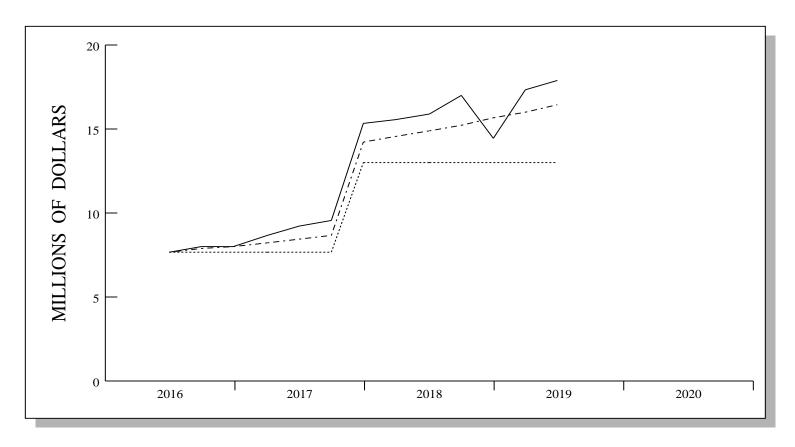
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 596,795

 Market Value 6/2019
 \$ 17,991,675

## **INVESTMENT GROWTH**

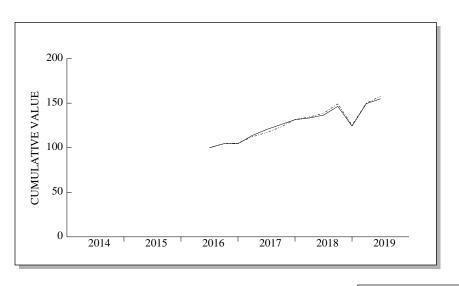


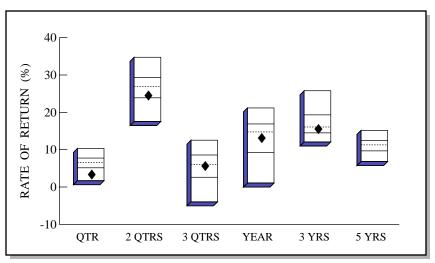
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 16,449,731

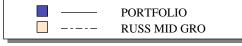
	LAST QUARTER	THREE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 17,394,880 0 596,795 \$ 17,991,675	\$ 7,713,995 5,311,251 4,966,429 \$ 17,991,675
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	596,795 596,795	52,291 4,914,138 4,966,429

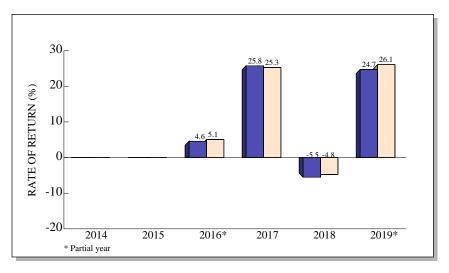
# TOTAL RETURN COMPARISONS





Mid Cap Growth Universe



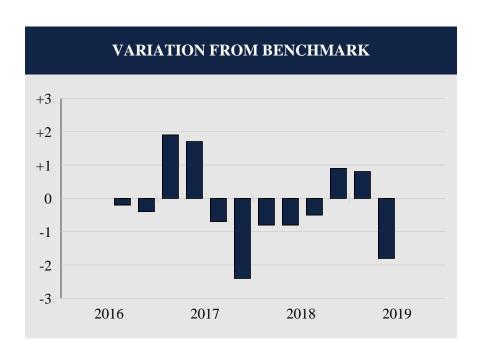


					ANNU	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	3.6	24.7	5.9	13.4	15.7	
(RANK)	(90)	(65)	(57)	(57)	(57)	
5TH %ILE	10.3	34.8	12.6	21.2	25.8	15.1
25TH %ILE	7.7	29.4	8.6	16.9	19.3	12.5
MEDIAN	6.5	26.9	6.0	14.7	16.1	11.3
75TH %ILE	5.2	23.9	2.6	9.3	14.5	9.7
95TH %ILE	1.7	17.6	-4.0	1.1	12.1	6.8
Russ MCG	5.4	26.1	5.9	13.9	16.5	11.1

Mid Cap Growth Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

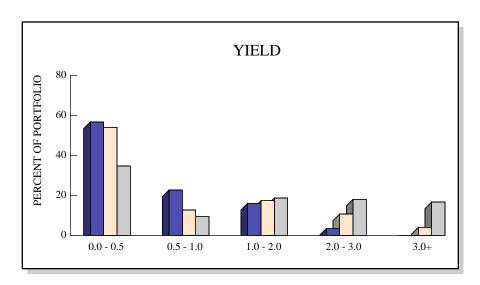
#### COMPARATIVE BENCHMARK: RUSSELL MID CAP GROWTH

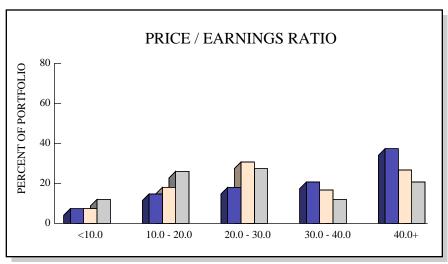


<b>Total Quarters Observed</b>	12
Quarters At or Above the Benchmark	4
<b>Quarters Below the Benchmark</b>	8
Batting Average	.333

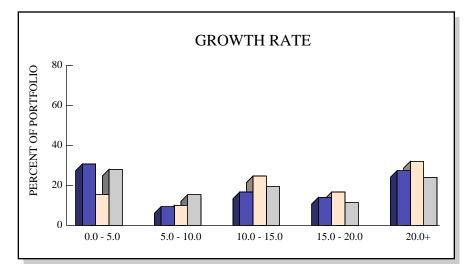
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/16	4.4	4.6	-0.2			
12/16	0.1	0.5	-0.4			
3/17	8.8	6.9	1.9			
6/17	5.9	4.2	1.7			
9/17	4.6	5.3	-0.7			
12/17	4.4	6.8	-2.4			
3/18	1.4	2.2	-0.8			
6/18	2.4	3.2	-0.8			
9/18	7.1	7.6	-0.5			
12/18	-15.1	-16.0	0.9			
3/19	20.4	19.6	0.8			
6/19	3.6	5.4	-1.8			

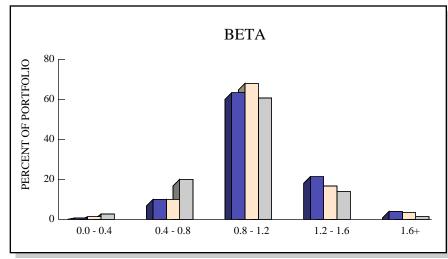
# STOCK CHARACTERISTICS



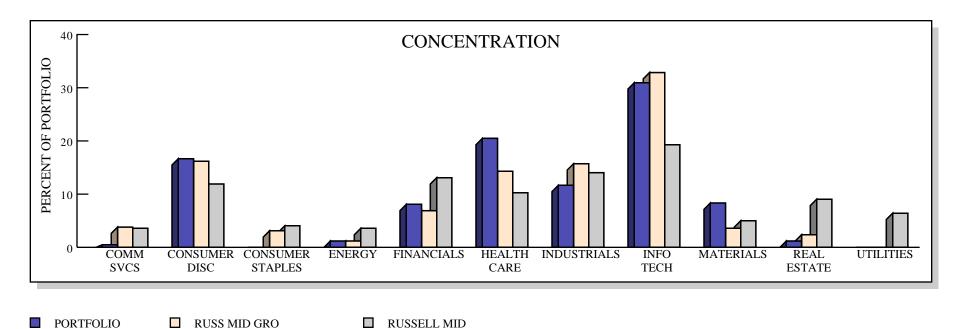


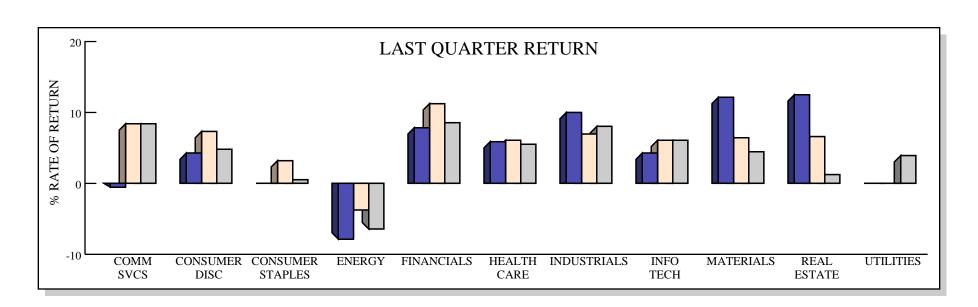
	# HOLDINGS	YIELD	GROWTH	P/E	BETA
PORTFOLIO	89	0.5%	15.1%	33.4	1.07
RUSS MID GRO	417	0.8%	17.9%	30.9	1.04
RUSSELL MID	780	1.7%	12.1%	26.8	0.95



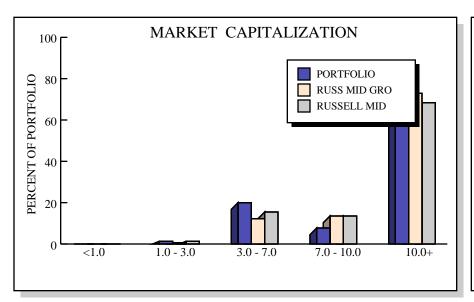


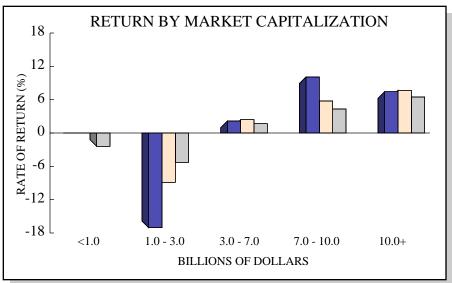
# STOCK INDUSTRY ANALYSIS





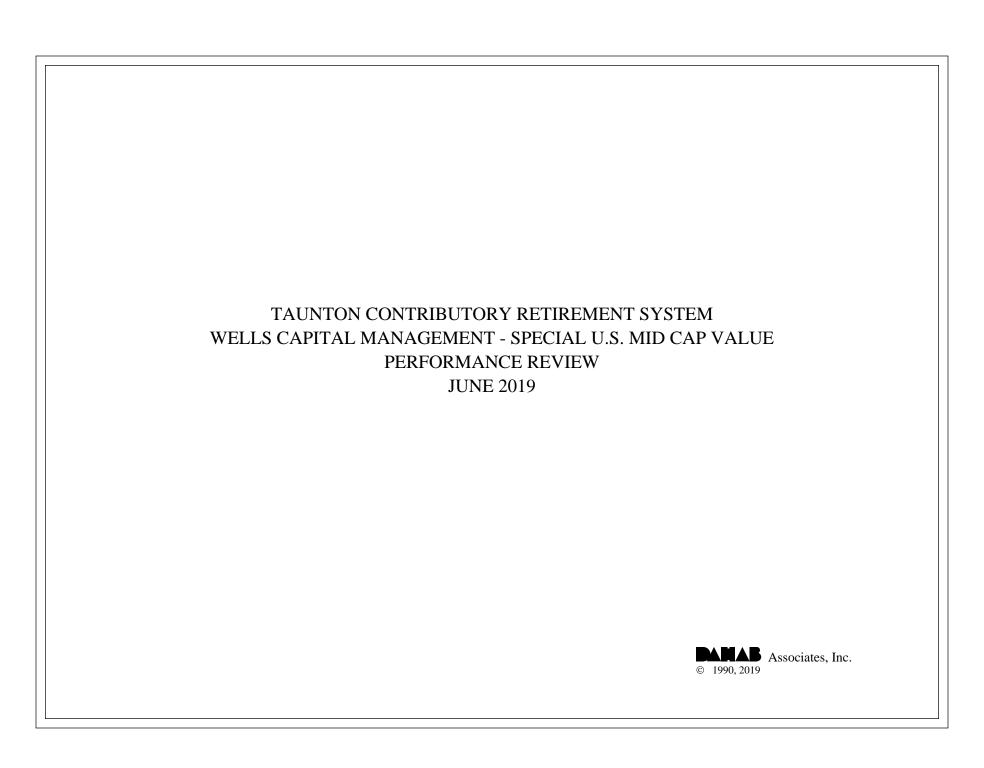
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	GLOBAL PAYMENTS INC	\$ 654,611	3.64%	17.3%	Information Technology	\$ 25.1 B
2	BALL CORP	518,066	2.88%	21.3%	Materials	23.4 B
3	SS&C TECHNOLOGIES HOLDINGS	481,504	2.68%	-9.4%	Information Technology	14.6 B
4	DOLLAR GENERAL CORP	458,868	2.55%	13.6%	Consumer Discretionary	34.9 B
5	WEX INC	439,299	2.44%	8.4%	Information Technology	9.0 B
6	WASTE CONNECTIONS INC	418,927	2.33%	8.1%	Industrials	25.2 B
7	CINTAS CORP	371,122	2.06%	17.4%	Industrials	24.8 B
8	ELDORADO RESORTS INC	366,855	2.04%	-1.3%	Consumer Discretionary	3.6 B
9	SERVICENOW INC	348,704	1.94%	11.4%	Information Technology	50.9 B
10	COOPER COS INC/THE	348,007	1.93%	13.8%	Health Care	16.7 B



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Wells Capital Management Special U.S. Mid Cap Value portfolio was valued at \$16,782,518, representing an increase of \$851,969 from the March quarter's ending value of \$15,930,549. Last quarter, the Fund posted withdrawals totaling \$27,277, which partially offset the portfolio's net investment return of \$879,246. Income receipts totaling \$79,261 plus net realized and unrealized capital gains of \$799,985 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

For the second quarter, the Wells Capital Management Special U.S. Mid Cap Value portfolio returned 5.5%, which was 2.3% above the Russell Mid Cap Value Index's return of 3.2% and ranked in the 9th percentile of the Mid Cap Value universe. Over the trailing year, the portfolio returned 9.3%, which was 5.6% above the benchmark's 3.7% return, ranking in the 13th percentile. Since June 2016, the portfolio returned 10.9% annualized and ranked in the 38th percentile. The Russell Mid Cap Value returned an annualized 8.9% over the same period.

#### **ASSET ALLOCATION**

At the end of the second quarter, mid cap equities comprised 95.7% of the total portfolio (\$16.1 million), while cash & equivalents totaled 4.3% (\$716,953).

#### **HOLDINGS ANALYSIS**

At the end of the quarter, the Wells Capital portfolio was diversified across all of the eleven industry sectors in our analysis. Relative to the Russell Mid Cap Value index, the portfolio was overweight in the Financials, Health Care, Industrials, Information Technology and Materials sectors. Conversely, the portfolio was underweight or close to the index in the remaining sectors.

The portfolio outperformed the index last quarter in seven of the eleven invested sectors. These sectors included the overweight Financials, Industrials and Information Technology sectors, helping to bolster performance. There were also bright spots seen in the Communication Services, Consumer Discretionary, Real Estate and Utilities sectors further adding value to the portfolio. Overall, the portfolio outpaced the index by 230 basis points.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year		
Total Portfolio - Gross	5.5	22.4	9.3	10.9			
MID CAP VALUE RANK	(9)	(14)	(13)	(38)			
Total Portfolio - Net	5.3	22.0	8.5	10.1			
Russ Mid Val	3.2	18.0	3.7	8.9	6.7		
Mid Cap Equity - Gross	5.8	23.6	9.7	11.2			
MID CAP VALUE RANK	(7)	(7)	(12)	(37)			
Russ Mid Val	3.2	18.0	3.7	8.9	6.7		
Russell Mid	4.1	21.3	7.8	12.1	8.6		
Russ Mid Gro	5.4	26.1	13.9	16.5	11.1		

ASSET ALLOCATION						
Mid Cap Equity Cash	95.7% 4.3%	\$ 16,065,565 716,953				
Total Portfolio	100.0%	\$ 16,782,518				

# INVESTMENT RETURN

 Market Value 3/2019
 \$ 15,930,549

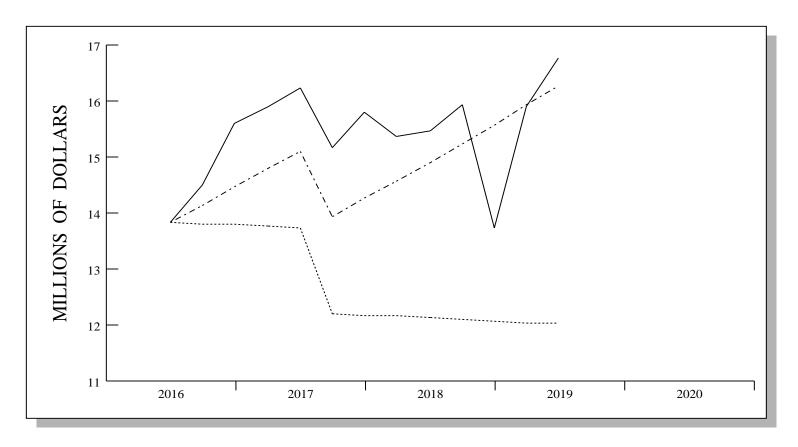
 Contribs / Withdrawals
 -27,277

 Income
 79,261

 Capital Gains / Losses
 799,985

 Market Value 6/2019
 \$ 16,782,518

## **INVESTMENT GROWTH**

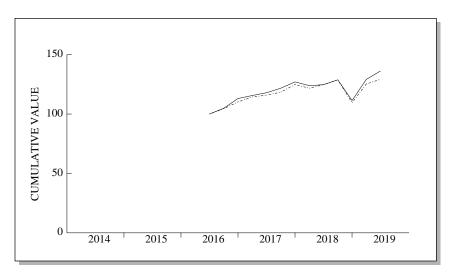


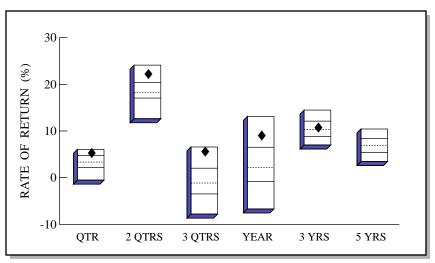
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 16,293,724

	LAST QUARTER	THREE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 15,930,549 - 27,277 879,246 \$ 16,782,518	\$ 13,846,726 -1,810,307 4,746,099 \$ 16,782,518
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{79,261}{799,985}$ $879,246$	862,944 3,883,155 4,746,099

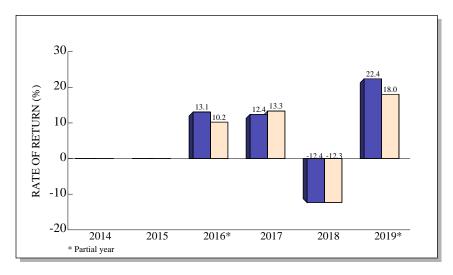
# TOTAL RETURN COMPARISONS





Mid Cap Value Universe



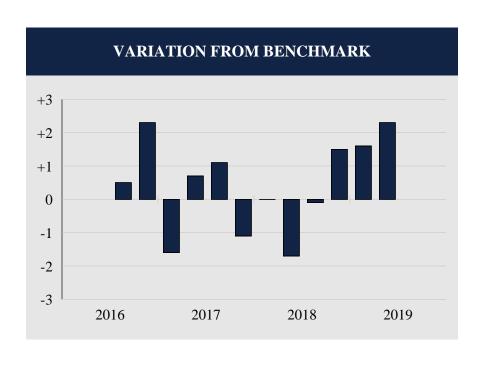


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	5.5	22.4	5.8	9.3	10.9	
(RANK)	(9)	(14)	(10)	(13)	(38)	
5TH %ILE	6.1	24.1	6.6	13.1	14.5	10.4
25TH %ILE	4.7	20.4	2.0	6.5	12.1	8.4
MEDIAN	3.4	18.2	-1.1	2.1	10.3	6.9
75TH %ILE	2.2	17.1	-3.5	-0.8	8.8	5.4
95TH %ILE	-0.5	12.6	-7.8	-6.7	7.0	3.5
Russ MCV	3.2	18.0	0.3	3.7	8.9	6.7

Mid Cap Value Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

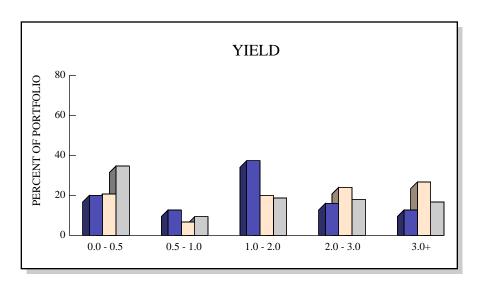
### COMPARATIVE BENCHMARK: RUSSELL MID CAP VALUE

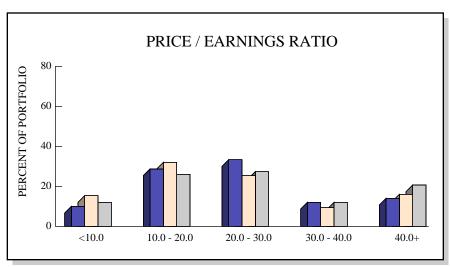


<b>Total Quarters Observed</b>	12
Quarters At or Above the Benchmark	8
Quarters Below the Benchmark	4
Batting Average	.667

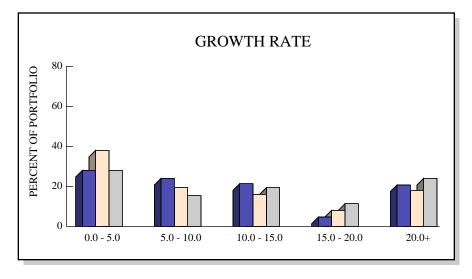
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/16	4.9	4.4	0.5			
12/16	7.8	5.5	2.3			
3/17	2.2	3.8	-1.6			
6/17	2.1	1.4	0.7			
9/17	3.2	2.1	1.1			
12/17	4.4	5.5	-1.1			
3/18	-2.5	-2.5	0.0			
6/18	0.7	2.4	-1.7			
9/18	3.2	3.3	-0.1			
12/18	-13.5	-15.0	1.5			
3/19	16.0	14.4	1.6			
6/19	5.5	3.2	2.3			

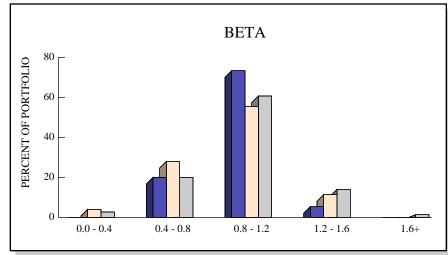
# STOCK CHARACTERISTICS



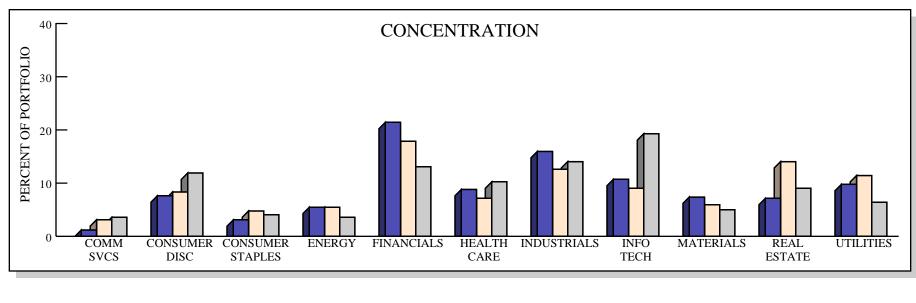


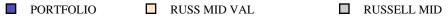
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	67	1.8%	10.3%	25.5	0.94	
RUSS MID VAL	586	2.3%	7.9%	24.0	0.88	
RUSSELL MID	780	1.7%	12.1%	26.8	0.95	

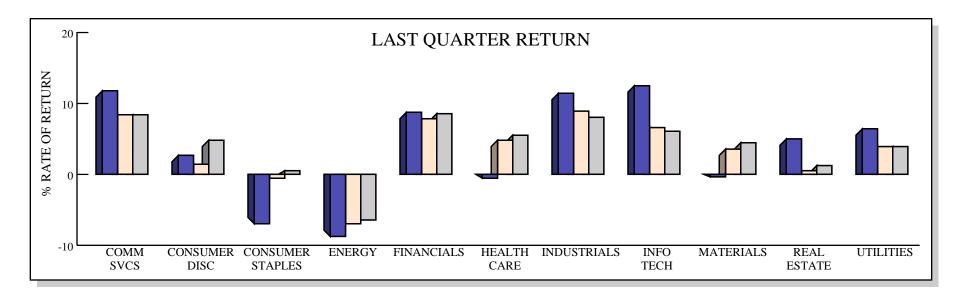




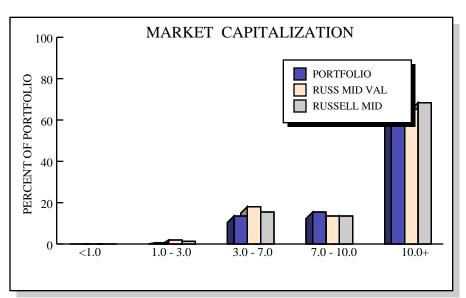
# STOCK INDUSTRY ANALYSIS

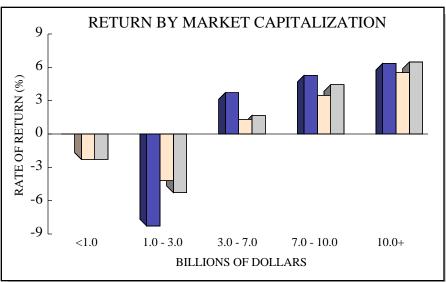






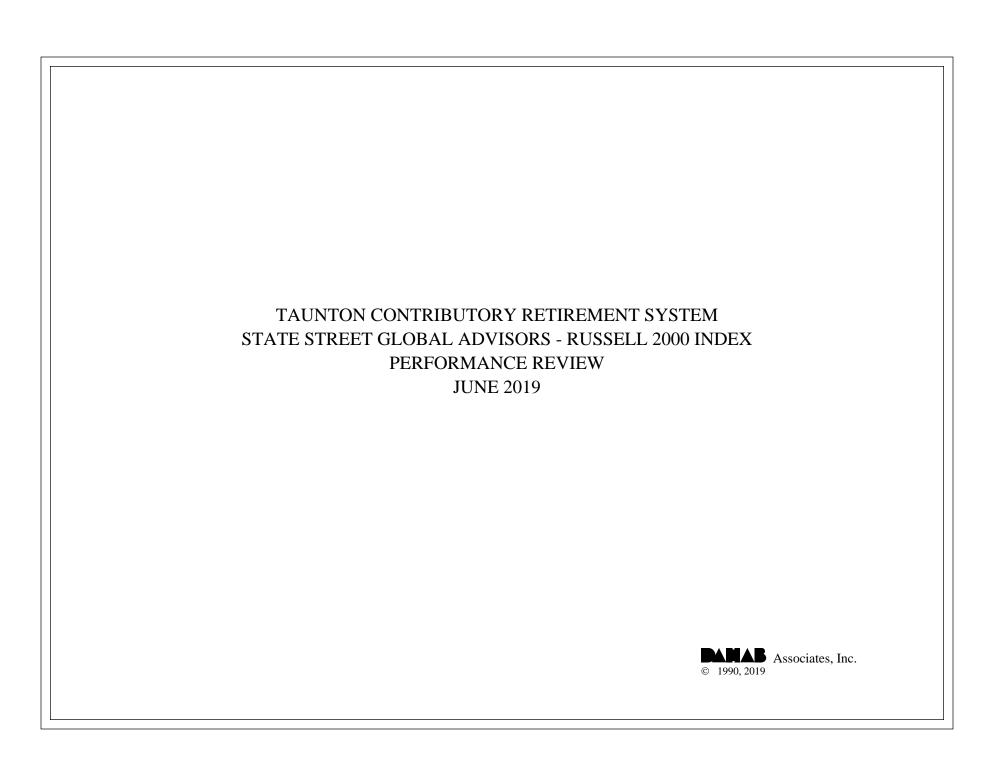
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	JACOBS ENGINEERING GROUP INC	\$ 493,681	3.07%	12.5%	Industrials	\$ 11.5 B
2	BROWN & BROWN INC	485,717	3.02%	13.8%	Financials	9.4 B
3	AMEREN CORP	467,034	2.91%	2.8%	Utilities	18.4 B
4	AMDOCS LTD	464,682	2.89%	15.3%	Information Technology	8.5 B
5	AMERICAN WATER WORKS CO INC	460,984	2.87%	11.8%	Utilities	20.9 B
6	KANSAS CITY SOUTHERN	447,201	2.78%	5.4%	Industrials	12.3 B
7	AMERICAN ELECTRIC POWER CO I	441,898	2.75%	5.9%	Utilities	43.4 B
8	FIDELITY NATIONAL INFORMATIO	423,001	2.63%	8.8%	Information Technology	39.7 B
9	REPUBLIC SERVICES INC	410,934	2.56%	8.3%	Industrials	27.9 B
10	ARCH CAPITAL GROUP LTD	381,405	2.37%	14.7%	Financials	15.0 B



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors Russell 2000 Index portfolio was valued at \$5,682,016, representing an increase of \$116,035 from the March quarter's ending value of \$5,565,981. Last quarter, the Fund posted withdrawals totaling \$694, which partially offset the portfolio's net investment return of \$116,729. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$116,729.

#### **RELATIVE PERFORMANCE**

During the second quarter, the State Street Global Advisors Russell 2000 Index portfolio returned 2.1%, which was equal to the Russell 2000 Index's return of 2.1% and ranked in the 67th percentile of the Small Cap universe. Over the trailing twelve-month period, this portfolio returned -3.3%, which was equal to the benchmark's -3.3% performance, and ranked in the 58th percentile. Since September 2017, the account returned 4.3% per annum and ranked in the 55th percentile. For comparison, the Russell 2000 returned an annualized 4.2% over the same time frame.

#### ASSET ALLOCATION

This account was fully invested in the SSGA Russell 2000 Index Fund

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/17	
Total Portfolio - Gross	2.1	17.0	-3.3			4.3	
SMALL CAP RANK	(67)	(56)	(58)			(55)	
Total Portfolio - Net	2.1	17.0	-3.3			4.2	
Russell 2000	2.1	17.0	-3.3	12.3	7.1	4.2	
Small Cap Equity - Gross	2.1	17.0	-3.3			4.3	
SMALL CAP RANK	(67)	(56)	(58)			(55)	
Russell 2000	2.1	17.0	-3.3	12.3	7.1	4.2	

ASSET ALLOCATION					
Small Cap	100.0%	\$ 5,682,016			
Total Portfolio	100.0%	\$ 5,682,016			

### INVESTMENT RETURN

 Market Value 3/2019
 \$ 5,565,981

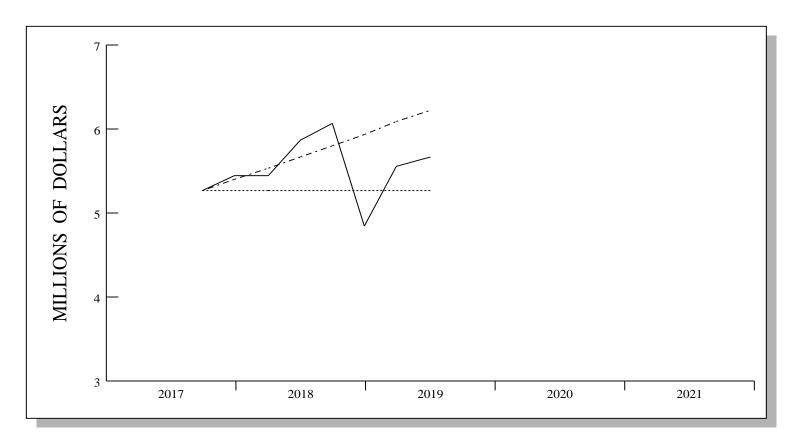
 Contribs / Withdrawals
 -694

 Income
 0

 Capital Gains / Losses
 116,729

 Market Value 6/2019
 \$ 5,682,016

### **INVESTMENT GROWTH**

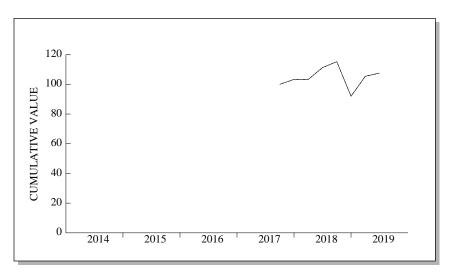


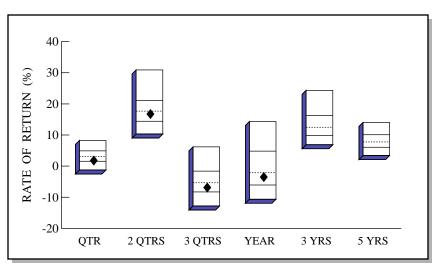
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 6,237,759

	LAST QUARTER	PERIOD 9/17 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,565,981 -694 116,729 \$ 5,682,016	\$ 5,282,771 - 3,659 402,904 \$ 5,682,016
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 116,729 \\ \hline 116,729 \end{array} $	$ \begin{array}{c} 0 \\ 402,904 \\ \hline 402,904 \end{array} $

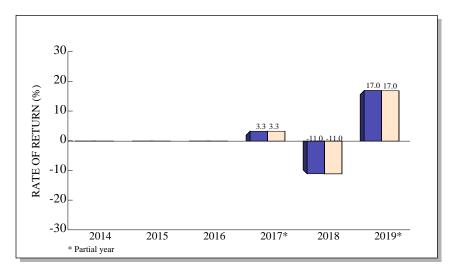
# TOTAL RETURN COMPARISONS





Small Cap Universe



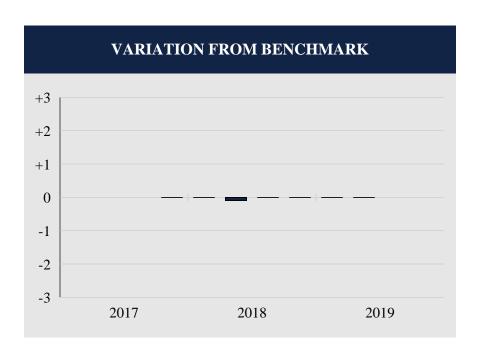


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.1	17.0	-6.6	-3.3		
(RANK)	(67)	(56)	(63)	(58)		
5TH %ILE	8.3	30.9	6.2	14.3	24.4	14.0
25TH %ILE	4.9	21.1	-1.6	4.8	16.2	10.1
MEDIAN	3.1	17.7	-5.3	-2.1	12.5	7.8
75TH %ILE	1.6	14.4	-8.3	-6.1	9.8	6.1
95TH %ILE	-1.3	10.3	-12.8	-10.7	6.9	3.4
Russ 2000	2.1	17.0	-6.7	-3.3	12.3	7.1

Small Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

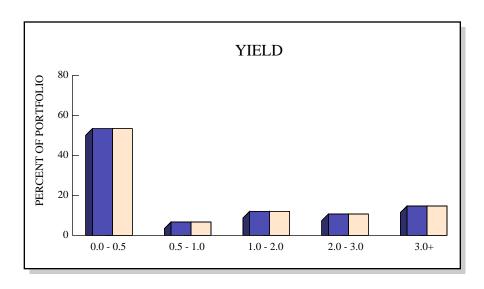
**COMPARATIVE BENCHMARK: RUSSELL 2000** 

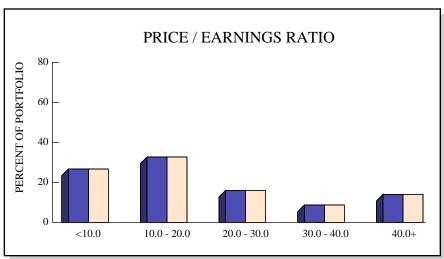


<b>Total Quarters Observed</b>	7
Quarters At or Above the Benchmark	6
Quarters Below the Benchmark	1
Batting Average	.857

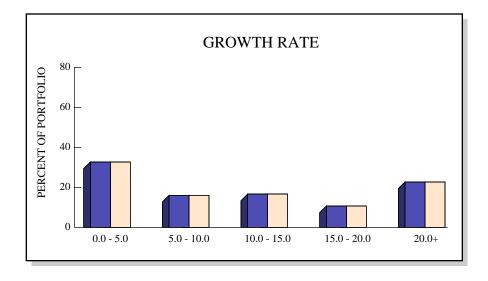
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	3.3	3.3	0.0			
3/18	-0.1	-0.1	0.0			
6/18 9/18	7.7 3.6	7.8 3.6	-0.1 0.0			
12/18	-20.2	-20.2	0.0			
3/19 6/19	14.6 2.1	14.6 2.1	0.0			

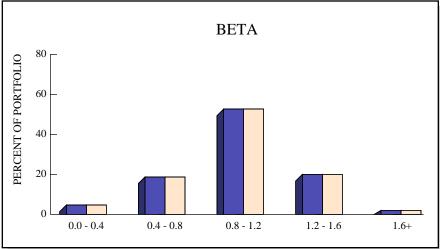
### STOCK CHARACTERISTICS



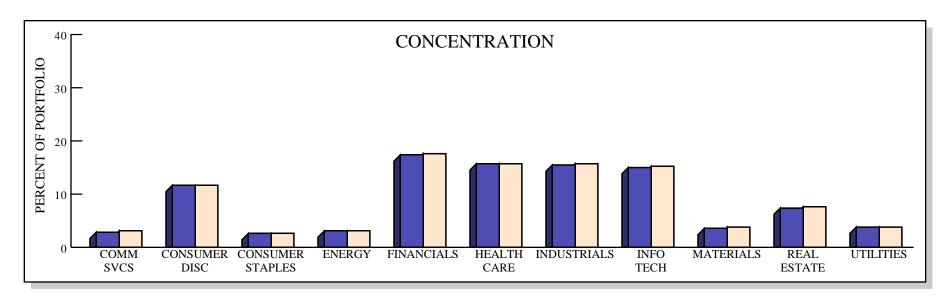


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	1,977	1.4%	11.7%	18.0	0.97	
RUSSELL 2000	1,977	1.4%	11.7%	18.0	0.97	

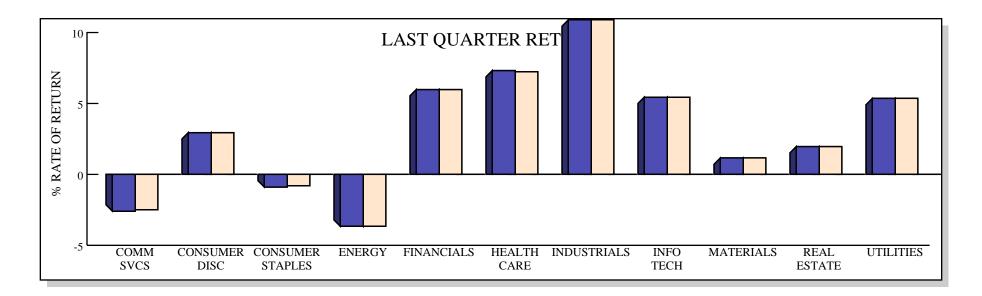




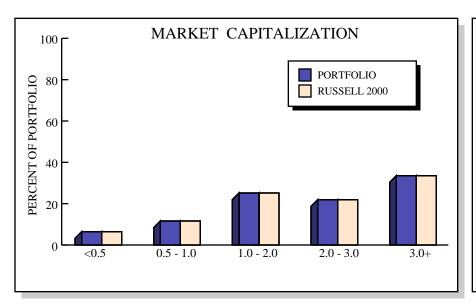
### STOCK INDUSTRY ANALYSIS

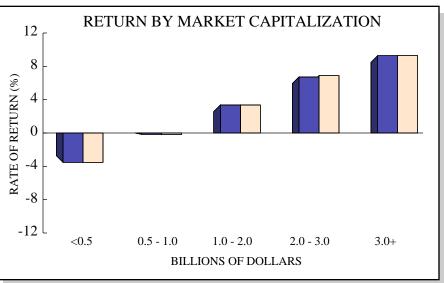


■ PORTFOLIO ■ RUSSELL 2000



### **TOP TEN HOLDINGS**

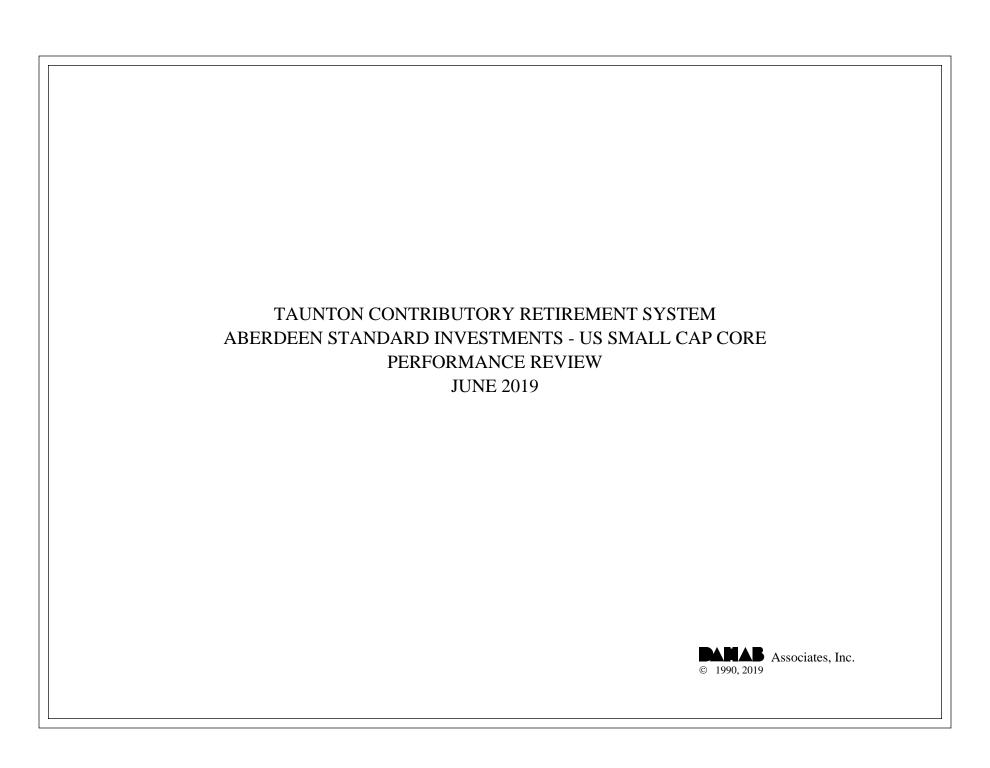




# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	ARRAY BIOPHARMA INC	\$ 27,149	.48%	90.0%	Health Care	\$ 10.3 B
2	TRADE DESK INC/THE -CLASS A	20,956	.37%	15.1%	Information Technology	8.8 B
3	ETSY INC	20,313	.36%	-8.7%	Consumer Discretionary	7.4 B
4	COUPA SOFTWARE INC	19,625	.35%	39.2%	Information Technology	7.8 B
5	FIVE BELOW	18,243	.32%	-3.4%	Consumer Discretionary	6.7 B
6	PLANET FITNESS INC - CL A	17,748	.31%	5.4%	Consumer Discretionary	6.1 B
7	HUBSPOT INC	17,564	.31%	2.6%	Information Technology	7.2 B
8	HAEMONETICS CORP/MASS	17,088	.30%	37.6%	Health Care	6.2 B
9	WOODWARD INC	16,861	.30%	19.4%	Industrials	7.0 B
10	CIENA CORP	16,370	.29%	10.2%	Information Technology	6.4 B

8



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Aberdeen Standard Investments US Small Cap Core portfolio was valued at \$16,478,592, representing an increase of \$229,054 from the March quarter's ending value of \$16,249,538. Last quarter, the Fund posted withdrawals totaling \$20,373, which partially offset the portfolio's net investment return of \$249,427. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$249,427.

#### **RELATIVE PERFORMANCE**

During the second quarter, the Aberdeen Standard Investments US Small Cap Core portfolio returned 1.5%, which was 0.6% below the Russell 2000 Index's return of 2.1% and ranked in the 76th percentile of the Small Cap universe. Over the trailing twelve-month period, this portfolio returned 2.5%, which was 5.8% above the benchmark's -3.3% performance, and ranked in the 31st percentile. Since June 2017, the account returned 6.5% per annum and ranked in the 56th percentile. For comparison, the Russell 2000 returned an annualized 6.6% over the same time frame.

#### **ASSET ALLOCATION**

This account was fully invested in the the Aberdeen Standard Investments US Small Cap Core Fund.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/17	
Total Portfolio - Gross	1.5	16.7	2.5			6.5	
SMALL CAP RANK	(76)	(60)	(31)			(56)	
Total Portfolio - Net	1.4	16.4	2.0			6.0	
Russell 2000	2.1	17.0	-3.3	12.3	7.1	6.6	
Small Cap Equity - Gross	1.5	16.7	2.5			6.5	
SMALL CAP RANK	(76)	(60)	(31)			(56)	
Russell 2000	2.1	17.0	-3.3	12.3	7.1	6.6	

ASSET ALLOCATION					
Small Cap	100.0%	\$ 16,478,592			
Total Portfolio	100.0%	\$ 16,478,592			

### INVESTMENT RETURN

 Market Value 3/2019
 \$ 16,249,538

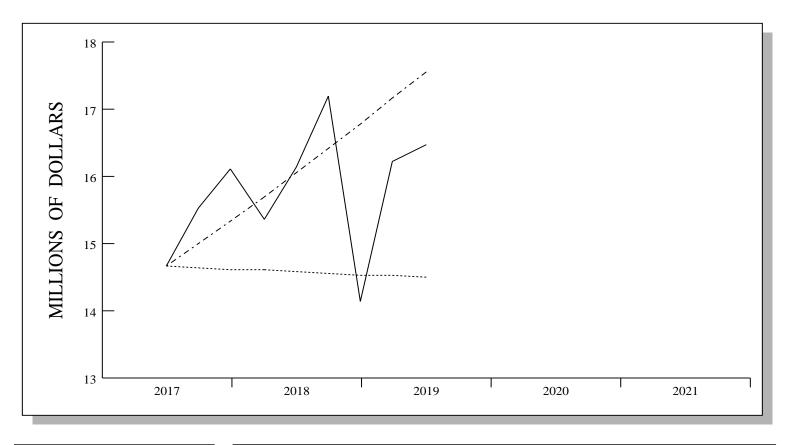
 Contribs / Withdrawals
 - 20,373

 Income
 0

 Capital Gains / Losses
 249,427

 Market Value 6/2019
 \$ 16,478,592

### **INVESTMENT GROWTH**

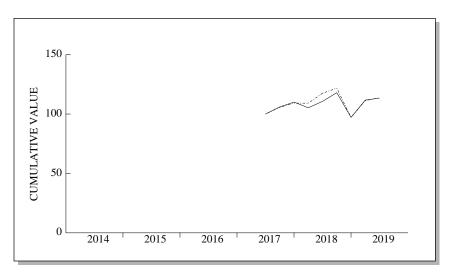


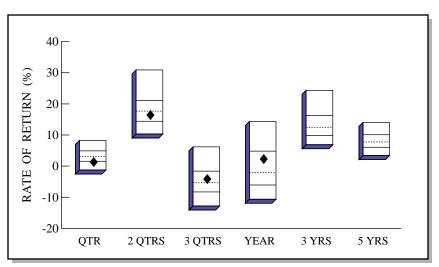
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 17,580,905

	LAST QUARTER	PERIOD 6/17 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,249,538 - 20,373 249,427 \$ 16,478,592	\$ 14,689,066 -175,131 1,964,657 \$ 16,478,592
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{249,427}$ $249,427$	153,627 1,811,030 1,964,657

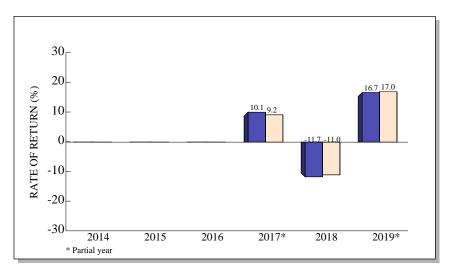
# TOTAL RETURN COMPARISONS





Small Cap Universe



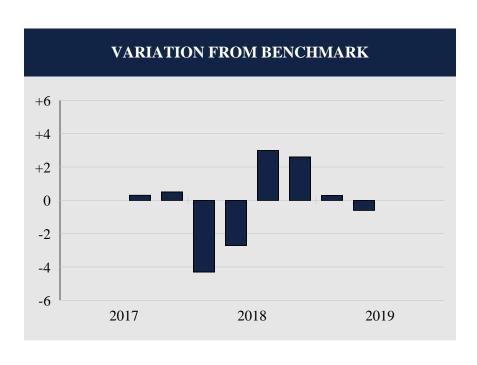


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	1.5	16.7	-3.8	2.5		
(RANK)	(76)	(60)	(40)	(31)		
5TH %ILE	8.3	30.9	6.2	14.3	24.4	14.0
25TH %ILE	4.9	21.1	-1.6	4.8	16.2	10.1
MEDIAN	3.1	17.7	-5.3	-2.1	12.5	7.8
75TH %ILE	1.6	14.4	-8.3	-6.1	9.8	6.1
95TH %ILE	-1.3	10.3	-12.8	-10.7	6.9	3.4
Russ 2000	2.1	17.0	-6.7	-3.3	12.3	7.1

Small Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

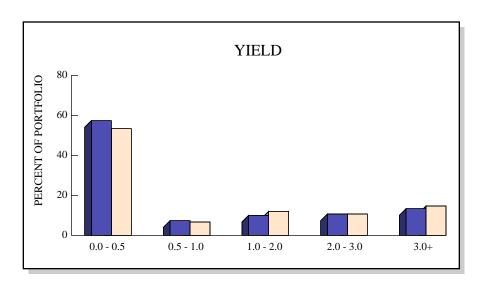
**COMPARATIVE BENCHMARK: RUSSELL 2000** 

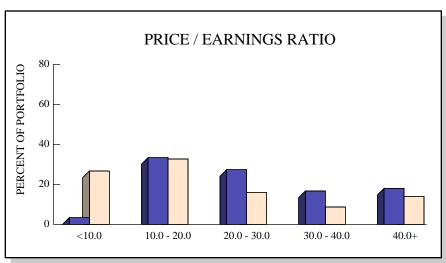


<b>Total Quarters Observed</b>	8
Quarters At or Above the Benchmark	5
<b>Quarters Below the Benchmark</b>	3
Batting Average	.625

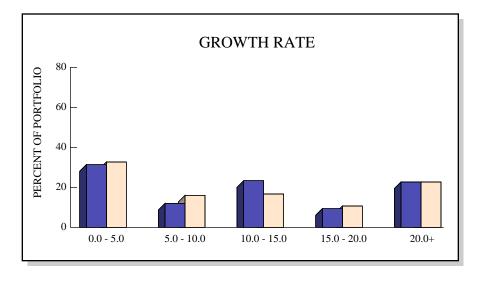
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/17	6.0	5.7	0.3			
12/17	3.8	3.3	0.5			
3/18	-4.4	-0.1	-4.3			
6/18	5.1	7.8	-2.7			
9/18	6.6	3.6	3.0			
12/18	-17.6	-20.2	2.6			
3/19	14.9	14.6	0.3			
6/19	1.5	2.1	-0.6			

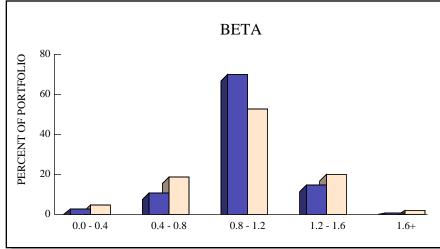
### STOCK CHARACTERISTICS



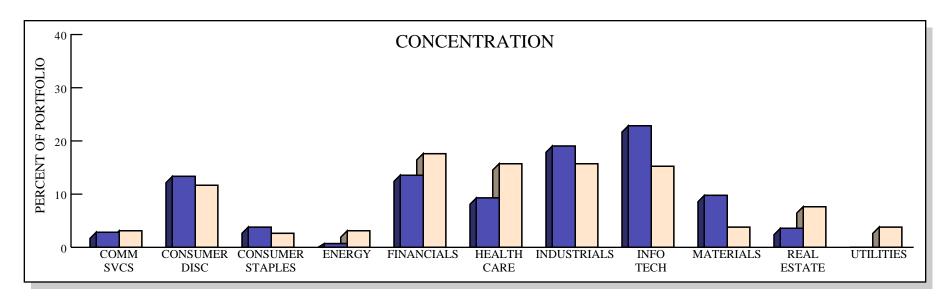


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	ŀ
PORTFOLIO	54	1.1%	10.2%	28.7	1.00	
RUSSELL 2000	1,977	1.4%	11.7%	18.0	0.97	

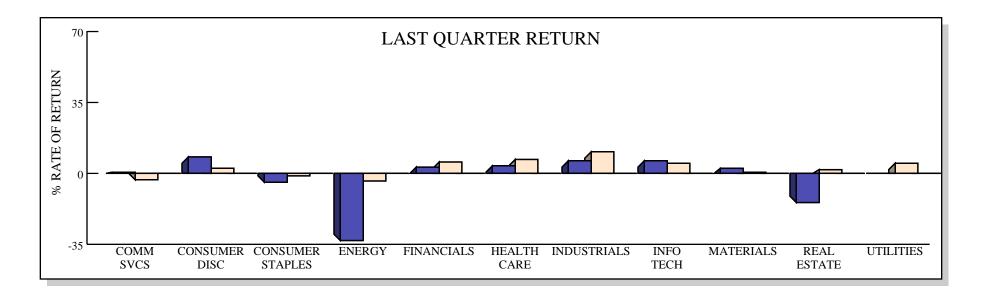




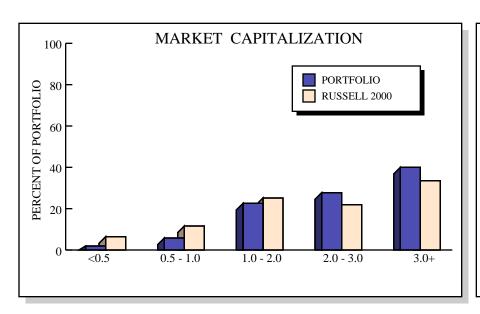
### STOCK INDUSTRY ANALYSIS

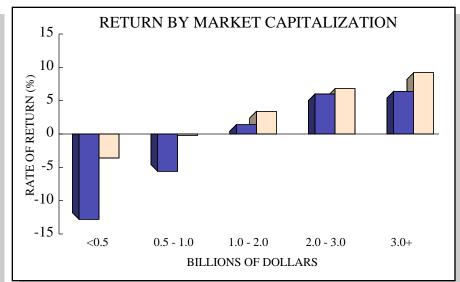


■ PORTFOLIO ■ RUSSELL 2000



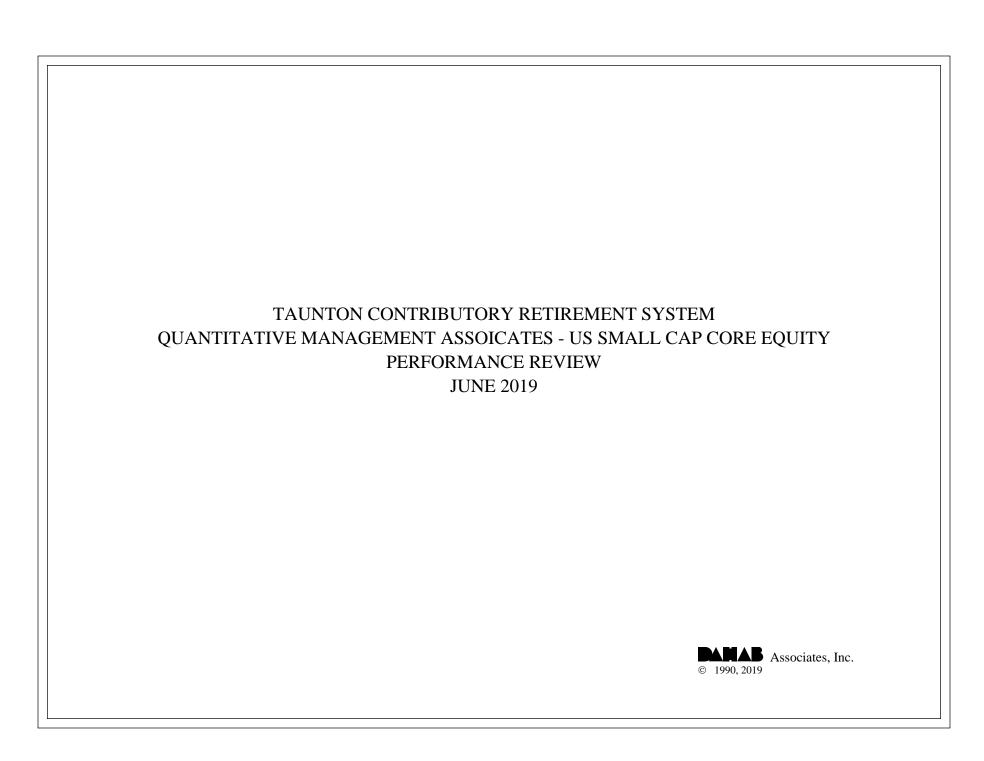
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	NEENAH INC	\$ 475,484	2.89%	5.8%	Materials	\$ 1.1 B
2	FOX FACTORY HOLDING CORP	464,614	2.82%	18.1%	Consumer Discretionary	3.1 B
3	CASELLA WASTE SYSTEMS INC-A	464,543	2.82%	11.5%	Industrials	1.8 B
4	PEGASYSTEMS INC	449,121	2.73%	9.6%	Information Technology	5.6 B
5	MEREDITH CORP	446,426	2.71%	0.7%	Communication Services	2.2 B
6	BJ'S WHOLESALE CLUB HOLDINGS	422,532	2.56%	-3.7%	Consumer Staples	3.7 B
7	PAYLOCITY HOLDING CORP	415,716	2.52%	5.2%	Information Technology	5.0 B
8	QUAKER CHEMICAL CORP	408,397	2.48%	1.5%	Materials	2.7 B
9	GIBRALTAR INDUSTRIES INC	391,936	2.38%	-0.6%	Industrials	1.3 B
10	AMN HEALTHCARE SERVICES INC	383,982	2.33%	15.2%	Health Care	2.5 B



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Quantitative Management Assoicates US Small Cap Core Equity portfolio was valued at \$15,150,744, representing an increase of \$35,722 from the March quarter's ending value of \$15,115,022. Last quarter, the Fund posted withdrawals totaling \$20,285, which offset the portfolio's net investment return of \$56,007. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$56,007.

#### **RELATIVE PERFORMANCE**

During the second quarter, the Quantitative Management Assoicates US Small Cap Core Equity portfolio returned 0.4%, which was 1.7% below the Russell 2000 Index's return of 2.1% and ranked in the 87th percentile of the Small Cap universe. Over the trailing twelve-month period, this portfolio returned -6.9%, which was 3.6% below the benchmark's -3.3% performance, and ranked in the 81st percentile. Since March 2017, the account returned 4.1% per annum and ranked in the 73rd percentile. For comparison, the Russell 2000 returned an annualized 7.0% over the same time frame.

#### **ASSET ALLOCATION**

This account was fully invested in the QMA US Small Cap Core Equity Fund.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/17		
Total Portfolio - Gross	0.4	13.0	-6.9			4.1		
SMALL CAP RANK	(87)	(87)	(81)			(73)		
Total Portfolio - Net	0.2	12.6	-7.5			3.4		
Russell 2000	2.1	17.0	-3.3	12.3	7.1	7.0		
Small Cap Equity - Gross	0.4	13.0	-6.9			4.1		
SMALL CAP RANK	(87)	(87)	(81)			(73)		
Russell 2000	2.1	17.0	-3.3	12.3	7.1	7.0		

ASSET A	ALLOCA	ATION
Small Cap	100.0%	\$ 15,150,744
Total Portfolio	100.0%	\$ 15,150,744

### INVESTMENT RETURN

 Market Value 3/2019
 \$ 15,115,022

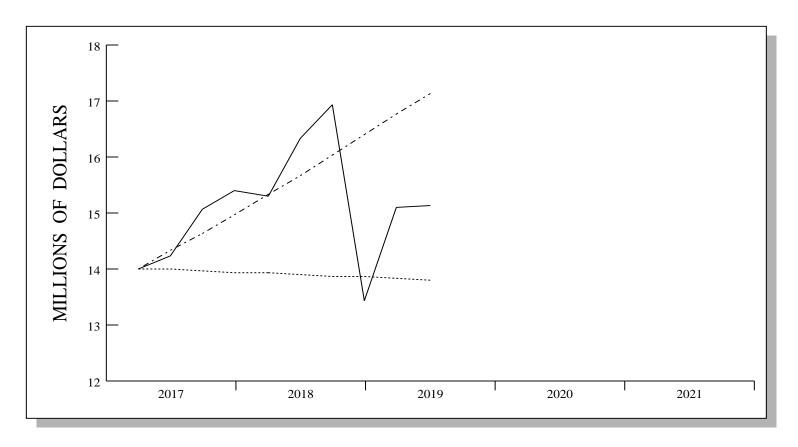
 Contribs / Withdrawals
 - 20,285

 Income
 0

 Capital Gains / Losses
 56,007

 Market Value 6/2019
 \$ 15,150,744

### **INVESTMENT GROWTH**

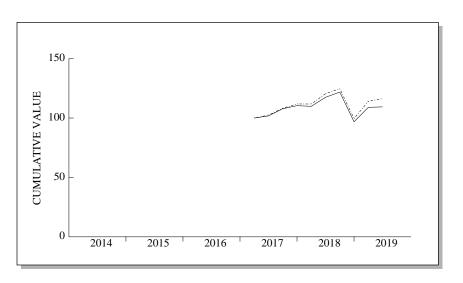


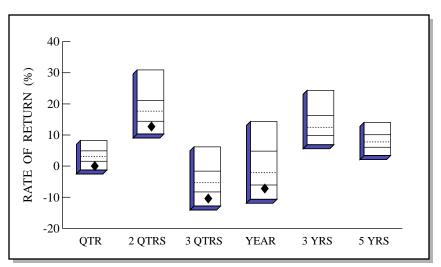
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 17,162,510

	LAST QUARTER	PERIOD 3/17 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 15,115,022 - 20,285 56,007 \$ 15,150,744	\$ 14,000,000 -167,735 1,318,479 \$ 15,150,744
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	56,007 56,007	254,045 1,064,434 1,318,479

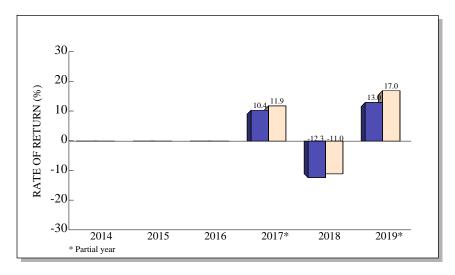
# TOTAL RETURN COMPARISONS





Small Cap Universe



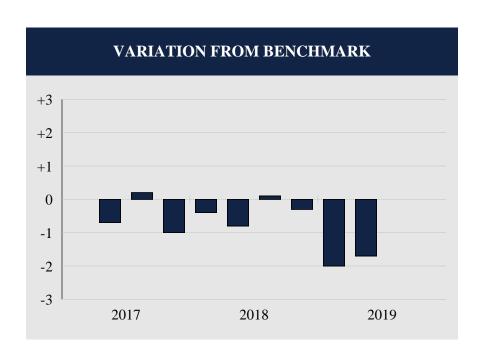


					ANNU	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	0.4	13.0	-10.2	-6.9		
(RANK)	(87)	(87)	(87)	(81)		
5TH %ILE	8.3	30.9	6.2	14.3	24.4	14.0
25TH %ILE	4.9	21.1	-1.6	4.8	16.2	10.1
MEDIAN	3.1	17.7	-5.3	-2.1	12.5	7.8
75TH %ILE	1.6	14.4	-8.3	-6.1	9.8	6.1
95TH %ILE	-1.3	10.3	-12.8	-10.7	6.9	3.4
Russ 2000	2.1	17.0	-6.7	-3.3	12.3	7.1

Small Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

**COMPARATIVE BENCHMARK: RUSSELL 2000** 

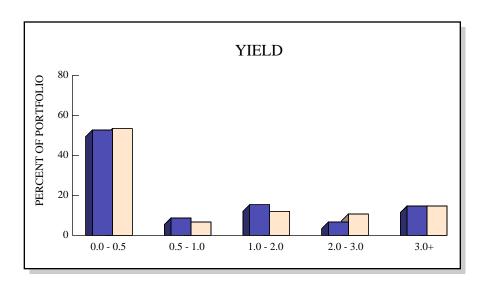


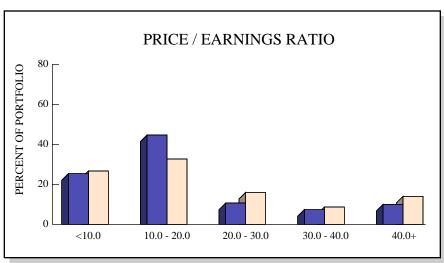
Total Quarters Observed	9
Quarters At or Above the Benchmark	2
<b>Quarters Below the Benchmark</b>	7
<b>Batting Average</b>	.222

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/17 9/17	1.8 5.9	2.5 5.7	-0.7 0.2			
12/17 3/18 6/18	2.3 -0.5 7.0	3.3 -0.1 7.8	-1.0 -0.4 -0.8			
9/18 12/18	3.7 -20.5	3.6 -20.2	0.1 -0.3			
3/19 6/19	12.6 0.4	14.6 2.1	-2.0 -1.7			

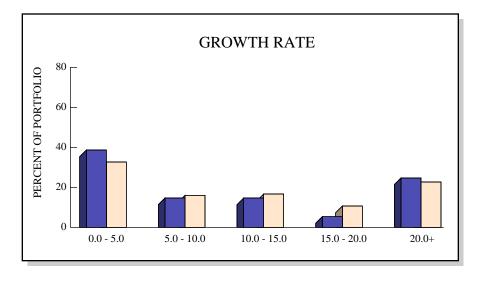
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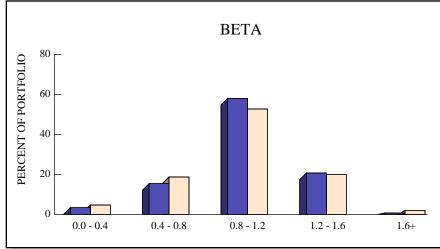
### STOCK CHARACTERISTICS



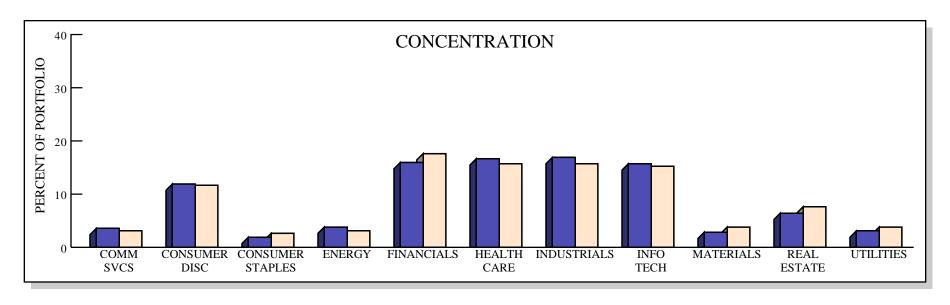


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	345	1.4%	10.2%	17.3	0.99	ŀ
RUSSELL 2000	1,977	1.4%	11.7%	18.0	0.97	

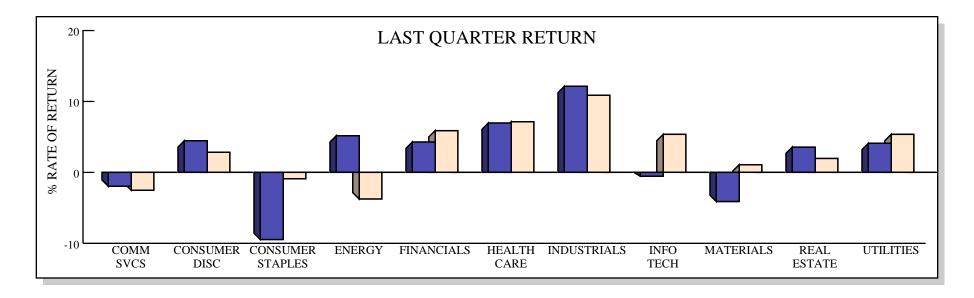




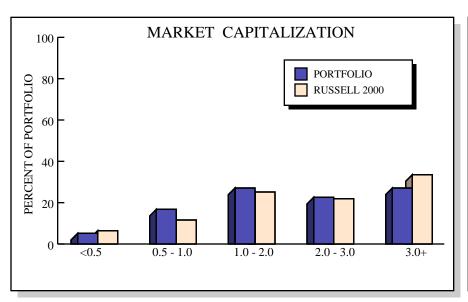
### STOCK INDUSTRY ANALYSIS

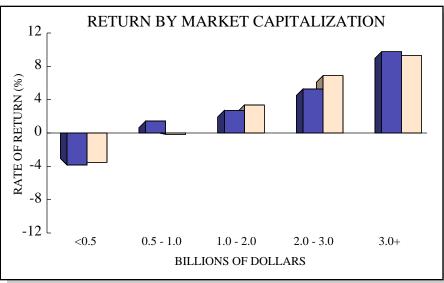


■ PORTFOLIO ■ RUSSELL 2000



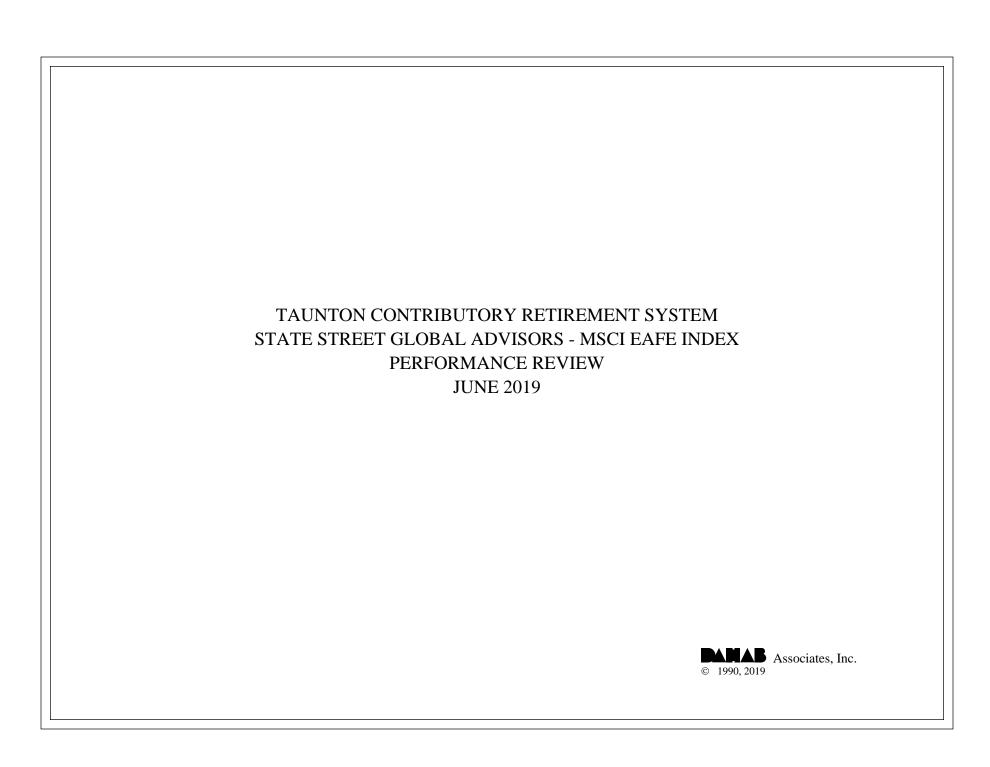
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	HAEMONETICS CORP.	\$ 145,371	.96%	37.6%	Health Care	\$ 6.2 B
2	EMCOR GROUP INC	131,533	.87%	20.7%	Industrials	4.9 B
3	PORTLAND GENERAL ELECTRIC CO	125,837	.83%	5.2%	Utilities	4.8 B
4	RADIAN GROUP INC.	124,830	.82%	10.2%	Financials	4.8 B
5	WORLD FUEL SERVICES CORP	117,266	.77%	24.9%	Energy	2.4 B
6	TEGNA INC	113,367	.75%	7.9%	Communication Services	3.3 B
7	INTEGER HOLDINGS CORP	111,949	.74%	11.3%	Health Care	2.7 B
8	MGIC INVT CORP.	109,233	.72%	-0.4%	Financials	4.7 B
9	PROGRESS SOFTWARE	107,959	.71%	-1.3%	Information Technology	1.9 B
10	VERINT SYSTEMS INC	106,269	.70%	-10.2%	Information Technology	3.5 B



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors MSCI EAFE Index portfolio was valued at \$6,824,098, representing an increase of \$253,239 from the March quarter's ending value of \$6,570,859. Last quarter, the Fund posted withdrawals totaling \$973, which partially offset the portfolio's net investment return of \$254,212. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$254,212.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the second quarter, the State Street Global Advisors MSCI EAFE Index portfolio returned 3.9%, which was 0.2% above the MSCI EAFE Net Index's return of 3.7% and ranked in the 29th percentile of the International Equity universe. Over the trailing twelve-month period, this portfolio returned 1.4%, which was 0.3% above the benchmark's 1.1% performance, and ranked in the 42nd percentile. Since September 2017, the account returned 1.8% per annum and ranked in the 42nd percentile. For comparison, the MSCI EAFE Net Index returned an annualized 1.4% over the same time frame.

#### **ASSET ALLOCATION**

This account was fully invested in the SSGA MSCI EAFE Index Fund.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
(	)uarter	YTD	1 Year	3 Year	5 Year	Since 09/17
Total Portfolio - Gross	3.9	14.4	1.4			1.8
INTERNATIONAL EQUITY RANK	(29)	(44)	(42)			(42)
Total Portfolio - Net	3.9	14.3	1.4			1.8
MSCI EAFE Net	3.7	14.0	1.1	9.1	2.2	1.4
<b>Developed Markets Equity - Gross</b>	3.9	14.4	1.4			1.8
INTERNATIONAL EQUITY RANK	(29)	(44)	(42)			(42)
MSCI EAFE Net	3.7	14.0	1.1	9.1	2.2	1.4

ASSET ALLOCATION				
Int'l Developed	100.0%	\$ 6,824,098		
Total Portfolio	100.0%	\$ 6,824,098		

### INVESTMENT RETURN

 Market Value 3/2019
 \$ 6,570,859

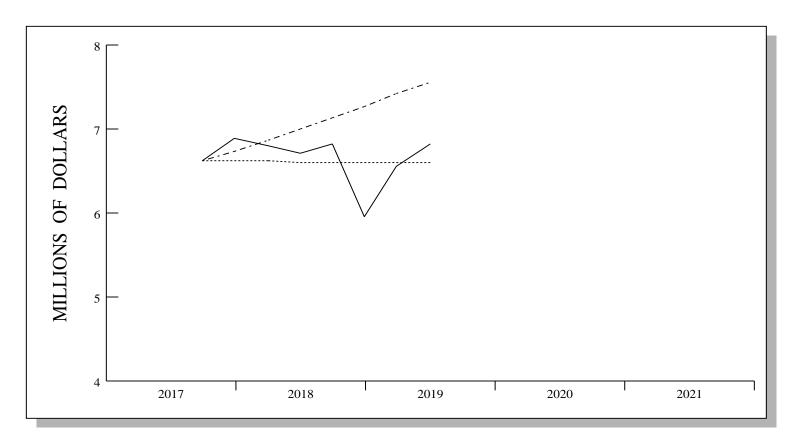
 Contribs / Withdrawals
 -973

 Income
 0

 Capital Gains / Losses
 254,212

 Market Value 6/2019
 \$ 6,824,098

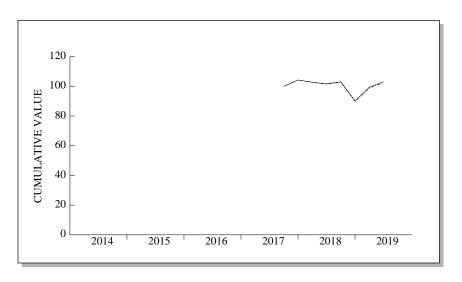
### **INVESTMENT GROWTH**

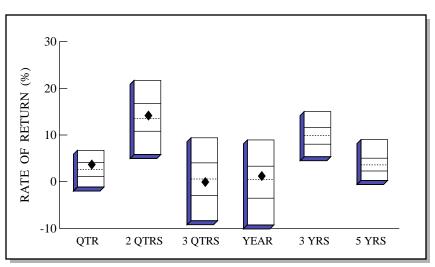


VALUE ASSUMING 8.0% RETURN \$ 7,572,228

	LAST QUARTER	PERIOD 9/17 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 6,570,859 -973 254,212 \$ 6,824,098	\$ 6,623,844 - 6,226 206,480 \$ 6,824,098
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 254,212 \\ \hline 254,212 \end{array} $	$ \begin{array}{c c}  & 0 \\  & 206,480 \\ \hline  & 206,480 \end{array} $

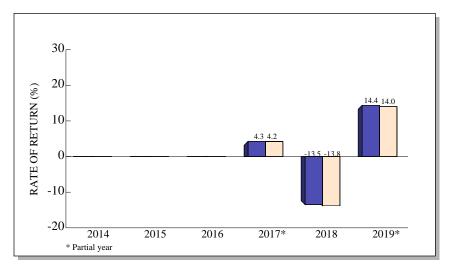
# TOTAL RETURN COMPARISONS





International Equity Universe



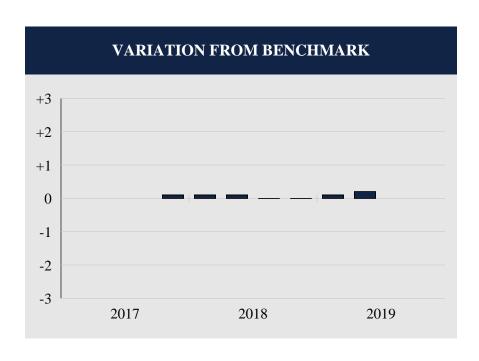


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	3.9	14.4	0.0	1.4		
(RANK)	(29)	(44)	(56)	(42)		
5TH %ILE	6.7	21.7	9.4	8.9	15.0	9.0
25TH %ILE	4.1	16.7	4.0	3.3	11.6	5.0
MEDIAN	2.6	13.5	0.6	0.5	9.9	3.6
75TH %ILE	1.1	10.8	-3.0	-3.6	8.0	2.3
95TH %ILE	-1.2	5.8	-8.4	-9.3	5.4	0.3
EAFE Net	3.7	14.0	-0.3	1.1	9.1	2.2

International Equity Universe

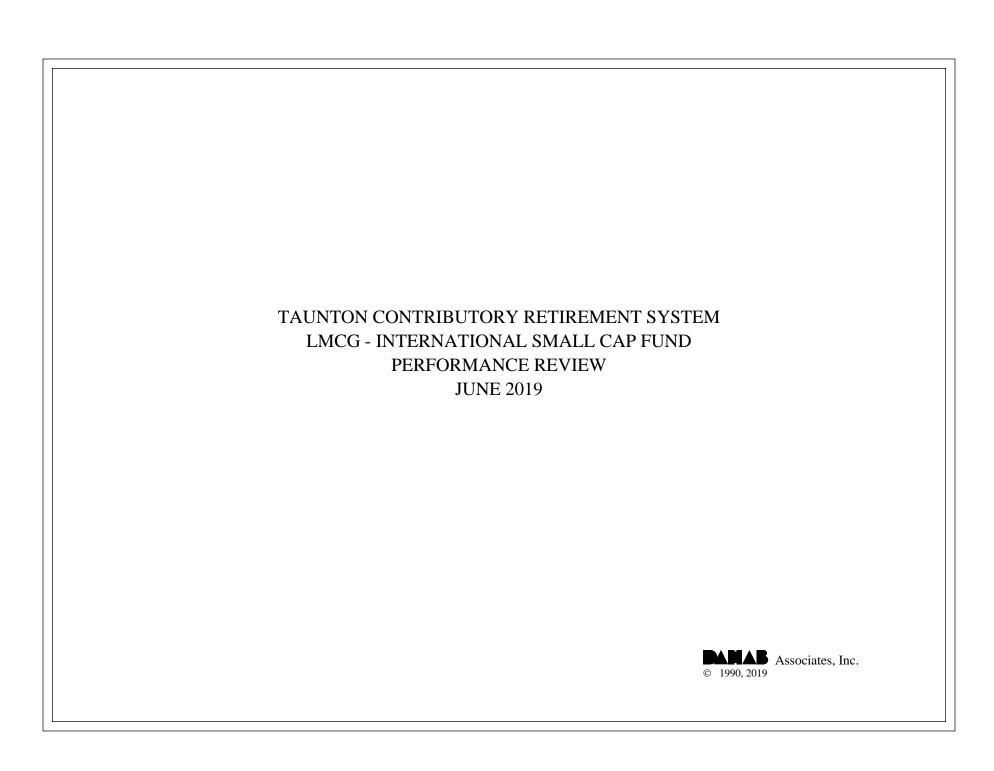
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: MSCI EAFE NET



<b>Total Quarters Observed</b>	7
Quarters At or Above the Benchmark	7
Quarters Below the Benchmark	0
Batting Average	1.000

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
12/17	4.3	4.2	0.1		
3/18	-1.4	-1.5	0.1		
6/18 9/18	-1.1 1.4	-1.2 1.4	0.1 0.0		
12/18	-12.5	-12.5	0.0		
3/19 6/19	10.1 3.9	10.0 3.7	0.1 0.2		



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's LMCG International Small Cap Fund was valued at \$5,325,246, representing an increase of \$119,186 from the March quarter's ending value of \$5,206,060. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$119,186 in net investment returns. Since there were no income receipts for the second quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$119,186.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the second quarter, the LMCG International Small Cap Fund gained 2.3%, which was 0.6% greater than the MSCI EAFE Small Cap Net Index's return of 1.7% and ranked in the 56th percentile of the International Small Cap Equity universe. Over the trailing twelve-month period, this portfolio returned -7.2%, which was 0.9% below the benchmark's -6.3% return, and ranked in the 62nd percentile.

#### **ASSET ALLOCATION**

This account was fully invested in the LMCG International Small Cap Fund during the quarter.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY					
	Quarter	YTD	1 Year	3 Year	5 Year
Total Portfolio - Gross	2.3	11.9	-7.2		
INT'L SMALL CAP EQUITY I	RANK (56)	(67)	(62)		
Total Portfolio - Net	2.1	11.5	-8.0		
EAFE SC Net	1.7	12.5	-6.3	9.1	4.4
Developed Markets Equity - Gr	oss 2.3	11.9	-7.2		
INT'L SMALL CAP EQUITY	<i>RANK</i> (56)	(67)	(62)		
EAFE SC Net	1.7	12.5	-6.3	9.1	4.4

ASSET ALLOCATION				
Int'l Developed	100.0%	\$ 5,325,246		
Total Portfolio	100.0%	\$ 5,325,246		

### INVESTMENT RETURN

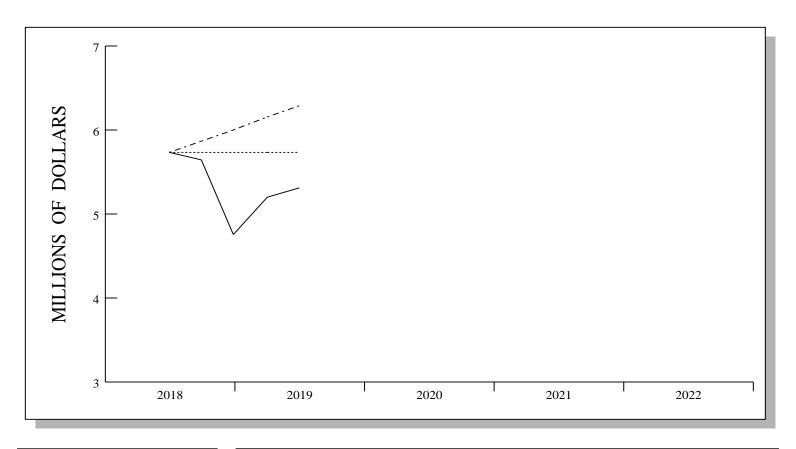
 Market Value 3/2019
 \$ 5,206,060

 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 119,186

 Market Value 6/2019
 \$ 5,325,246

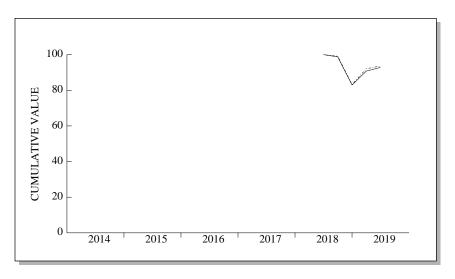


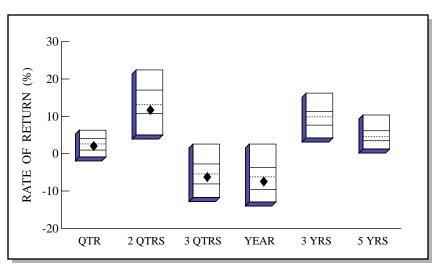
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 6,310,170

	LAST QUARTER	ONE YEAR
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 5,206,060 \\ 0 \\ \hline 119,186 \\ \$ \ 5,325,246 \end{array}$	\$ 5,736,518 0 -411,272 \$ 5,325,246
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 119,186 \\ \hline 119,186 \end{array} $	137,047 -548,319 -411,272

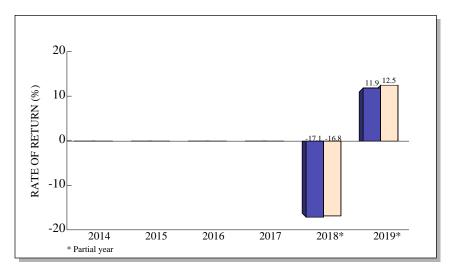
# TOTAL RETURN COMPARISONS





Int'l Small Cap Equity Universe

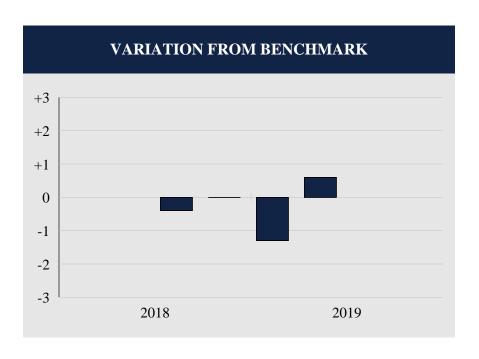




					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.3	11.9	-6.0	-7.2		
(RANK)	(56)	(67)	(58)	(62)		
5TH %ILE	6.3	22.4	2.6	2.6	16.2	10.4
25TH %ILE	4.1	17.0	-2.8	-3.7	11.3	6.1
MEDIAN	2.6	13.1	-5.4	-6.2	9.8	4.5
75TH %ILE	1.0	10.8	-8.1	-9.6	7.7	3.5
95TH %ILE	-0.9	5.0	-11.8	-12.9	4.2	1.2
EAFE SC Net	1.7	12.5	-5.5	-6.3	9.1	4.4

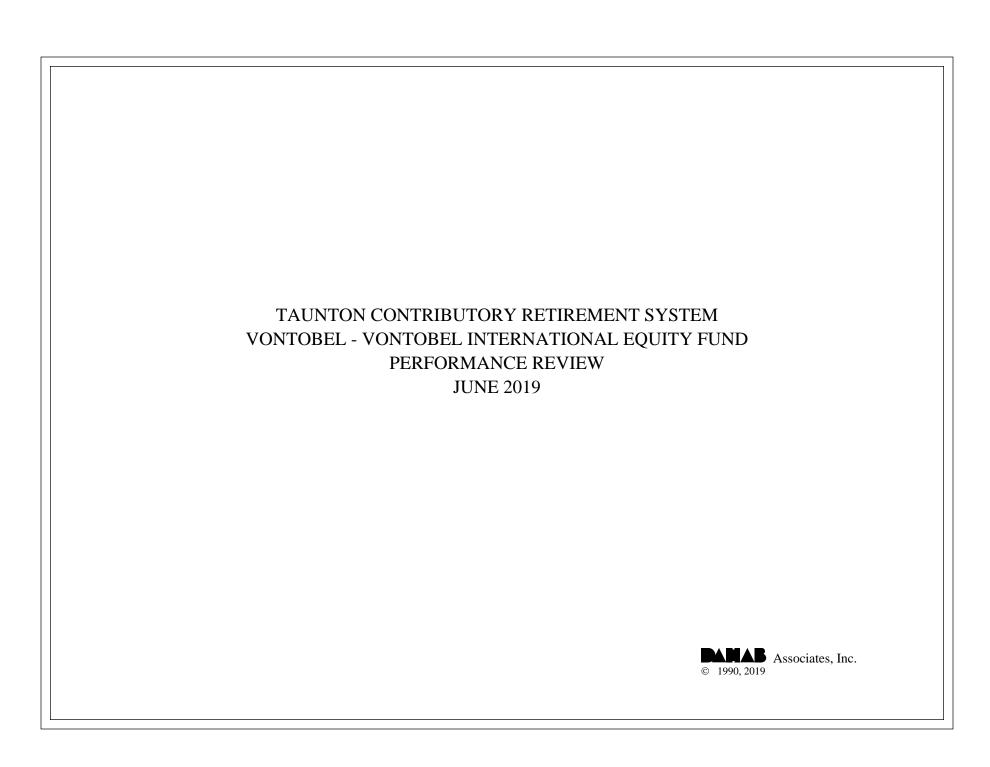
Int'l Small Cap Equity Universe

### COMPARATIVE BENCHMARK: MSCI EAFE SMALL CAP NET



Total Quarters Observed	4
Quarters At or Above the Benchmark	2
Quarters Below the Benchmark	2
Batting Average	.500

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/18	-1.3	-0.9	-0.4		
12/18	-16.0	-16.0	0.0		
3/19	9.4	10.7	-1.3		
6/19	2.3	1.7	0.6		



On June 30th, 2019, the Taunton Contributory Retirement System's Vontobel Vontobel International Equity Fund was valued at \$13,138,378, representing an increase of \$713,783 from the March quarter's ending value of \$12,424,595. Last quarter, the Fund posted withdrawals totaling \$21,792, which partially offset the portfolio's net investment return of \$735,575. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$735,575.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the second quarter, the Vontobel Vontobel International Equity Fund returned 5.9%, which was 0.2% above the MSCI EAFE Growth Net Index's return of 5.7% and ranked in the 30th percentile of the International Growth universe. Over the trailing twelve-month period, this portfolio returned 6.2%, which was 2.0% above the benchmark's 4.2% performance, and ranked in the 23rd percentile. Since December 2012, the account returned 7.0% per annum and ranked in the 60th percentile. For comparison, the MSCI EAFE Growth Net Index returned an annualized 7.2% over the same time frame.

#### **ASSET ALLOCATION**

This account was fully invested in Vontobel International Equity Fund during the quarter.

PERFORMANCE SUMMARY								
	Quarter	YTD	1 Year	3 Year	5 Year	Since 12/12		
Total Portfolio - Gross	5.9	18.8	6.2	9.7	5.7	7.0		
INTERNATIONAL GROWTH RA	<i>NK</i> (30)	(47)	(23)	(72)	(31)	(60)		
Total Portfolio - Net	5.8	18.4	5.5	8.8	4.9	6.1		
EAFE Growth Net	5.7	18.5	4.2	9.7	4.4	7.2		
<b>Developed Markets Equity - Gross</b>	5.9	18.8	6.2	9.7	5.7	7.0		
INTERNATIONAL GROWTH RA	NK (30)	(47)	(23)	(72)	(31)	(60)		
EAFE Growth Net	5.7	18.5	4.2	9.7	4.4	7.2		
MSCI EAFE Net	3.7	14.0	1.1	9.1	2.2	5.7		
EAFE Value Net	1.5	9.6	-2.1	8.5	0.1	4.2		
ACWI Ex US Net	3.0	13.6	1.3	9.4	2.2	4.8		
MSCI EM Net	0.6	10.6	1.2	10.7	2.5	2.4		

ASSET A	ASSET ALLOCATION					
Int'l Developed	100.0%	\$ 13,138,378				
Total Portfolio	100.0%	\$ 13,138,378				

### INVESTMENT RETURN

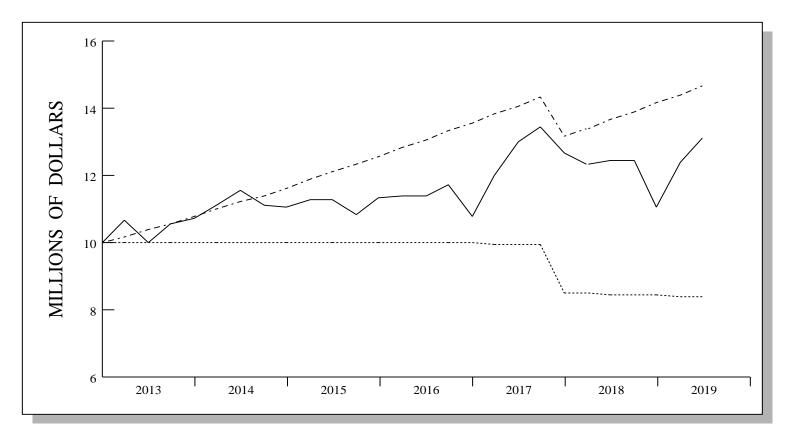
 Market Value 3/2019
 \$ 12,424,595

 Contribs / Withdrawals
 -21,792

 Income
 0

 Capital Gains / Losses
 735,575

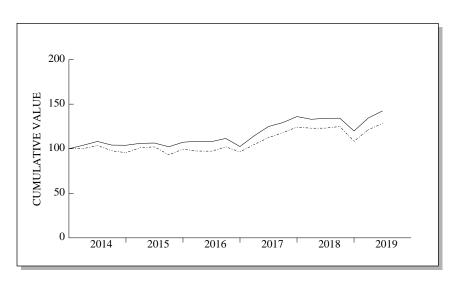
 Market Value 6/2019
 \$ 13,138,378

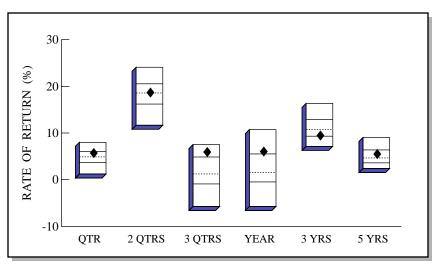


VALUE ASSUMING 8.0% RETURN \$ 14,688,631

	LAST QUARTER	PERIOD 12/12 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 12,424,595 -21,792 735,575 \$ 13,138,378	\$ 10,000,000 - 1,587,787 <u>4,726,165</u> \$ 13,138,378
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 735,575 \\ \hline 735,575 \end{array} $	$ \begin{array}{r} 269,414 \\ 4,456,751 \\ \hline 4,726,165 \end{array} $

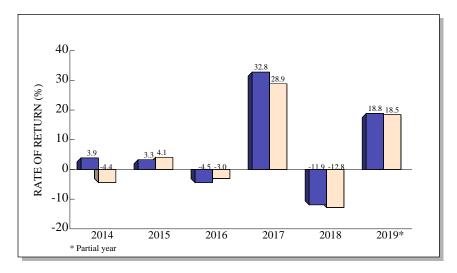
# TOTAL RETURN COMPARISONS





International Growth Universe

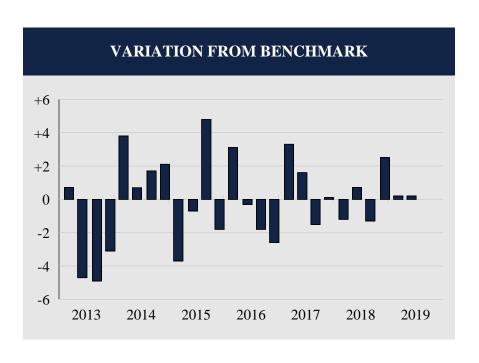




					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	5.9	18.8	6.0	6.2	9.7	5.7
(RANK)	(30)	(47)	(19)	(23)	(72)	(31)
5TH %ILE	8.0	24.1	7.5	10.7	16.4	9.0
25TH %ILE	6.1	20.5	4.9	5.5	12.9	6.4
MEDIAN	4.9	18.6	1.2	1.5	10.7	4.7
75TH %ILE	3.7	16.2	-0.9	-0.5	9.3	3.6
95TH %ILE	1.2	11.7	-5.7	-5.8	7.1	2.4
EAFE G Net	5.7	18.5	2.7	4.2	9.7	4.4

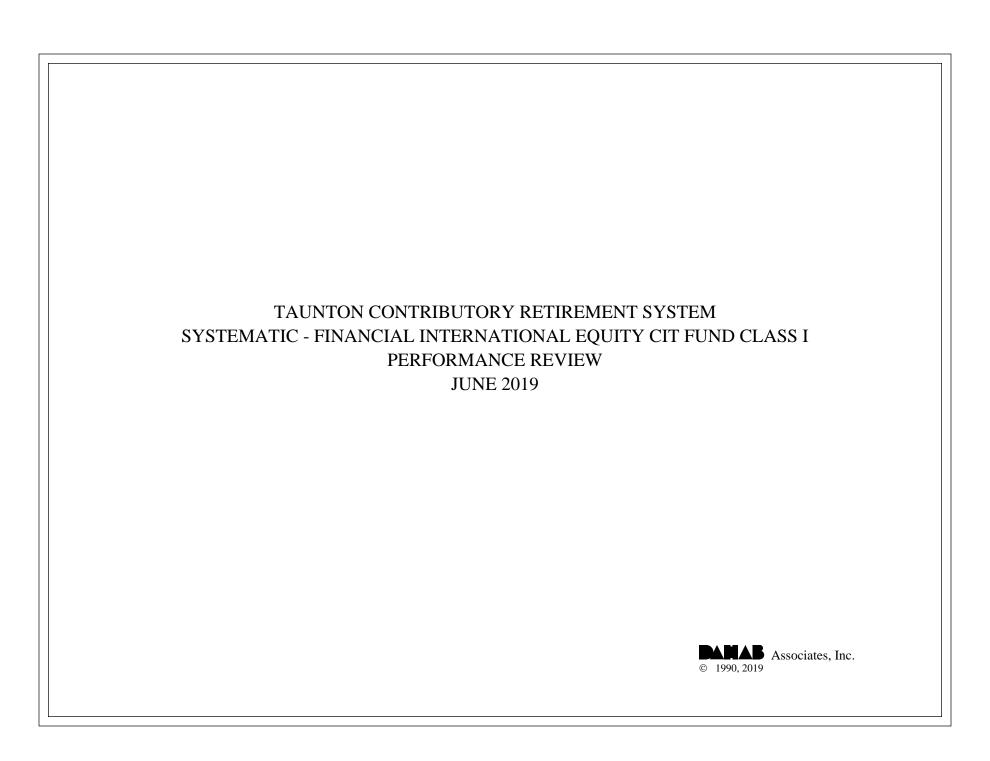
International Growth Universe

### COMPARATIVE BENCHMARK: MSCI EAFE GROWTH NET



Total Quarters Observed	26
Quarters At or Above the Benchmark	14
Quarters Below the Benchmark	12
Batting Average	.538

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
3/13	7.4	6.7	0.7		
6/13	-5.9	-1.2	-4.7		
9/13	5.6	10.5	-4.9		
12/13	2.1	5.2	-3.1		
3/14	3.9	0.1	3.8		
6/14	4.2	3.5	0.7		
9/14	-3.8	-5.5	1.7		
12/14	-0.2	-2.3	2.1		
3/15	2.1	5.8	-3.7		
6/15	0.3	1.0	-0.7		
9/15	-3.9	-8.7	4.8		
12/15	4.9	6.7	-1.8		
3/16	1.0	-2.1	3.1		
6/16	-0.4	-0.1	-0.3		
9/16	3.2	5.0	-1.8		
12/16	-8.1	-5.5	-2.6		
3/17	11.8	8.5	3.3		
6/17	9.1	7.5	1.6		
9/17	3.4	4.9	-1.5		
12/17	5.3	5.2	0.1		
3/18	-2.2	-1.0	-1.2		
6/18	0.8	0.1	0.7		
9/18	0.2	1.5	-1.3		
12/18	-10.8	-13.3	2.5		
3/19	12.2	12.0	0.2		
6/19	5.9	5.7	0.2		



On June 30th, 2019, the Taunton Contributory Retirement System's Systematic Financial International Equity CIT Fund Class I portfolio was valued at \$9,346,904, representing an increase of \$67,854 from the March quarter's ending value of \$9,279,050. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$67,854 in net investment returns. Since there were no income receipts for the second quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$67,854.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the second quarter, the Systematic Financial International Equity CIT Fund Class I portfolio gained 0.7%, which was 0.8% less than the MSCI EAFE Value Net Index's return of 1.5% and ranked in the 83rd percentile of the International Value universe. Over the trailing twelvemonth period, this portfolio returned -3.5%, which was 1.4% below the benchmark's -2.1% return, and ranked in the 69th percentile.

#### **ASSET ALLOCATION**

This account was fully invested in the Systematic Financial International Equity CIT Fund Class I during the quarter.

PERFORMANCE SUMMARY						
(	Quarter	YTD	1 Year	3 Year	5 Year	
Гotal Portfolio - Gross	0.7	10.5	-3.5			
INTERNATIONAL VALUE RANK	(83)	(69)	(69)			
Γotal Portfolio - Net	0.6	10.2	-4.1			
EAFE Value Net	1.5	9.6	-2.1	8.5	0.1	
Developed Markets Equity - Gross	0.7	10.5	-3.5			
INTERNATIONAL VALUE RANK	(83)	(69)	(69)			
EAFE Value Net	1.5	9.6	-2.1	8.5	0.1	

ASSET ALLOCATION					
Int'l Developed	100.0%	\$ 9,346,904			
Total Portfolio	100.0%	\$ 9,346,904			

### INVESTMENT RETURN

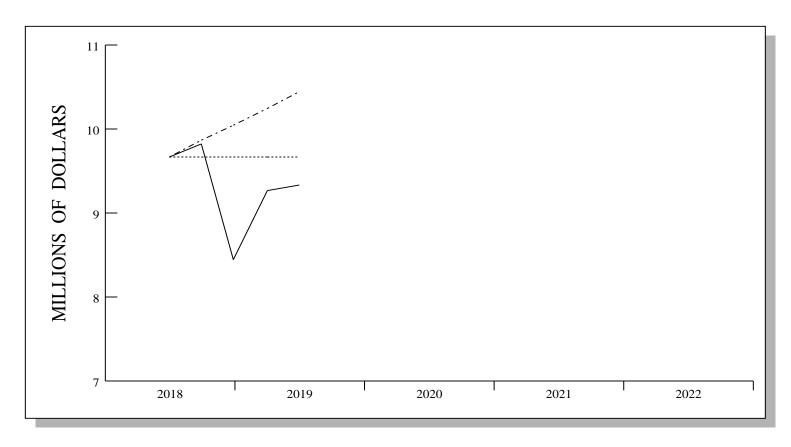
 Market Value 3/2019
 \$ 9,279,050

 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 67,854

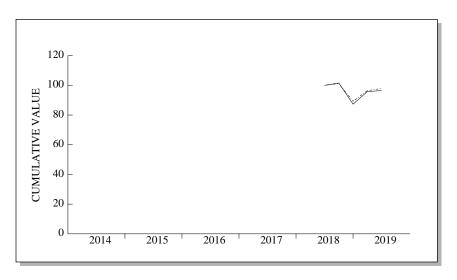
 Market Value 6/2019
 \$ 9,346,904

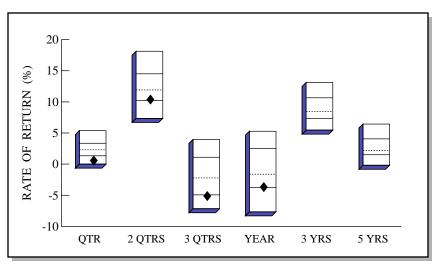


VALUE ASSUMING 8.0% RETURN \$ 10,461,069

	LAST QUARTER	ONE YEAR
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{r}     $9,279,050 \\     0 \\     \hline     67,854 \\     \hline     $9,346,904 \end{array} $	\$ 9,686,175 0 -339,271 \$ 9,346,904
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 67,854 \\ \hline 67,854 \end{array} $	$ \begin{array}{r} 0 \\ -339,271 \\ \hline -339,271 \end{array} $

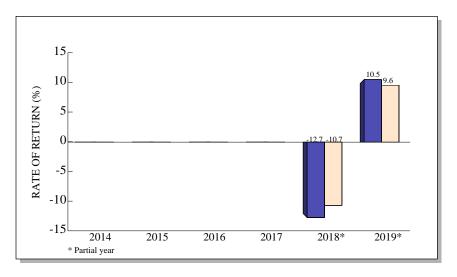
# TOTAL RETURN COMPARISONS





International Value Universe

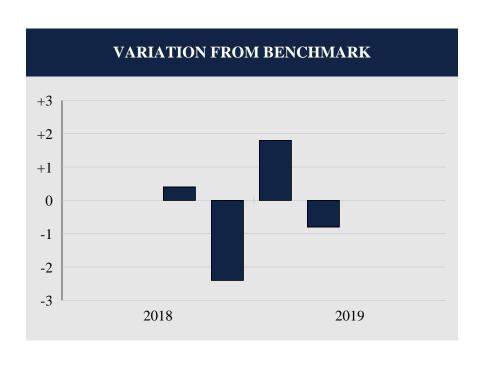




					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	0.7	10.5	-5.0	-3.5		
(RANK)	(83)	(69)	(76)	(69)		
5TH %ILE	5.4	18.1	3.9	5.3	13.1	6.4
25TH %ILE	3.4	14.5	1.1	2.5	10.7	4.1
MEDIAN	2.3	11.9	-2.2	-1.6	8.4	2.2
75TH %ILE	1.3	10.2	-5.0	-3.8	7.4	1.5
95TH %ILE	0.0	7.4	-7.2	-7.7	5.5	-0.2
EAFE V Net	1.5	9.6	-3.2	-2.1	8.5	0.1

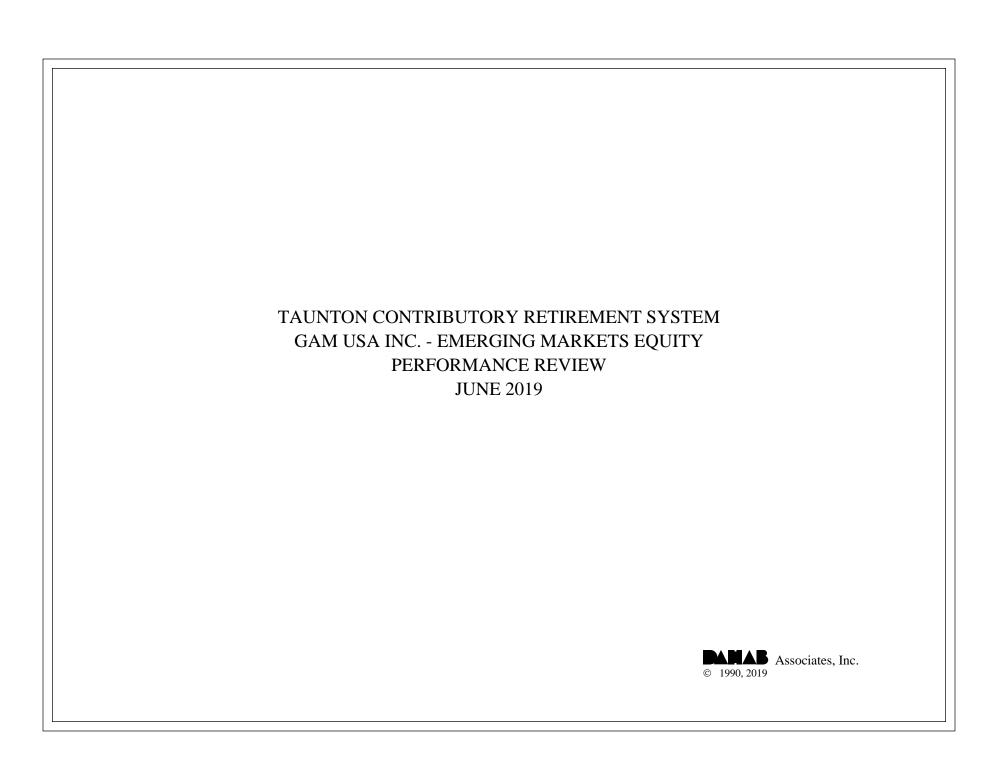
International Value Universe

### COMPARATIVE BENCHMARK: MSCI EAFE VALUE NET



<b>Total Quarters Observed</b>	4
Quarters At or Above the Benchmark	2
<b>Quarters Below the Benchmark</b>	2
Batting Average	.500

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/18	1.6	1.2	0.4			
12/18	-14.1	-11.7	-2.4			
3/19	9.7	7.9	1.8			
6/19	0.7	1.5	-0.8			



On June 30th, 2019, the Taunton Contributory Retirement System's GAM USA Inc. Emerging Markets Equity portfolio was valued at \$6,134,940, representing an increase of \$156,870 from the March quarter's ending value of \$5,978,070. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$156,870 in net investment returns. Since there were no income receipts for the second quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$156,870.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the second quarter, the GAM USA Inc. Emerging Markets Equity portfolio gained 2.7%, which was 2.1% greater than the MSCI Emerging Markets Net Index's return of 0.6% and ranked in the 28th percentile of the Emerging Markets universe. Over the trailing twelve-month period, this portfolio returned 3.2%, which was 2.0% above the benchmark's 1.2% return, and ranked in the 36th percentile.

#### **ASSET ALLOCATION**

This account was fully invested in the GAM USA Inc. Emerging Markets Equity Fund during the quarter.

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year		
Total Portfolio - Gross	2.7	14.5	3.2				
EMERGING MARKETS RANK	(28)	(31)	(36)				
Total Portfolio - Net	2.6	14.2	2.7				
MSCI EM Net	0.6	10.6	1.2	10.7	2.5		
<b>Emerging Markets Equity - Gross</b>	2.7	14.5	3.2				
EMERGING MARKETS RANK	(28)	(31)	(36)				
MSCI EM Net	0.6	10.6	1.2	10.7	2.5		

ASSET ALLOCATION						
Emerging Markets	100.0%	\$ 6,134,940				
Total Portfolio	100.0%	\$ 6,134,940				

### INVESTMENT RETURN

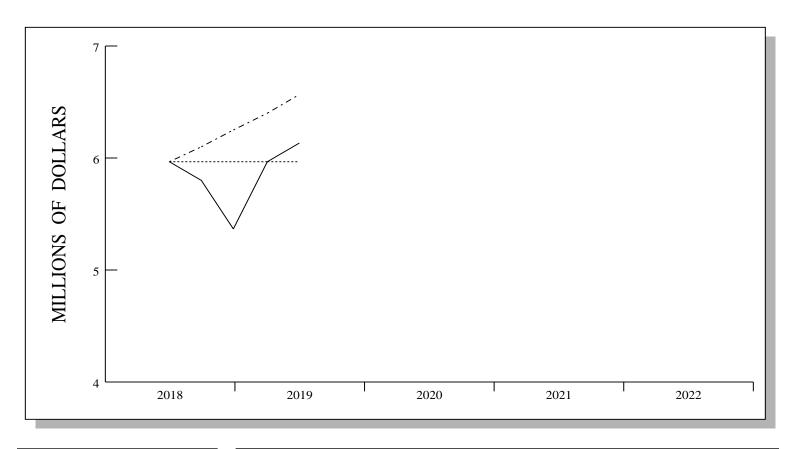
 Market Value 3/2019
 \$ 5,978,070

 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 156,870

 Market Value 6/2019
 \$ 6,134,940

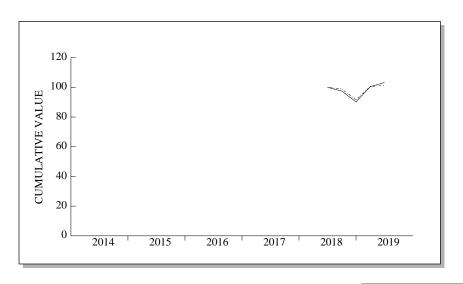


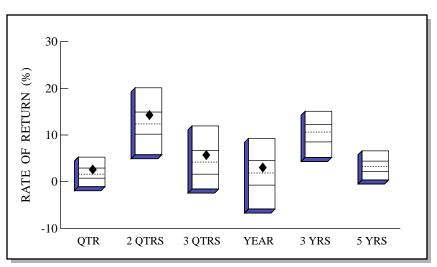
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 6,568,947

	LAST QUARTER	ONE YEAR
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{c} \$ 5,978,070 \\ 0 \\ 156,870 \\ \hline \$ 6,134,940 \end{array} $	\$ 5,971,770 0 163,170 \$ 6,134,940
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{156,870}$ $156,870$	$ \begin{array}{c} 0 \\ 163,170 \\ \hline 163,170 \end{array} $

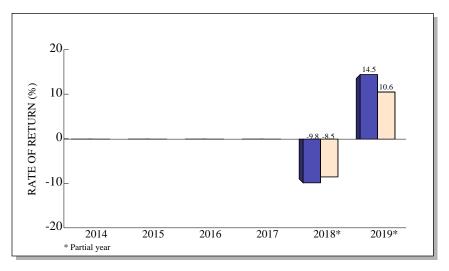
# TOTAL RETURN COMPARISONS





**Emerging Markets Universe** 

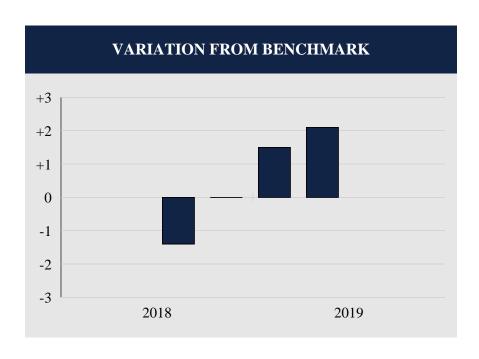




					ANNU	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.7	14.5	5.9	3.2		
(RANK)	(28)	(31)	(31)	(36)		
5TH %ILE	5.3	20.1	11.9	9.3	15.1	6.6
25TH %ILE	2.9	14.9	6.7	4.6	12.2	4.4
MEDIAN	1.6	12.4	4.2	1.9	10.6	3.2
75TH %ILE	0.8	10.2	1.6	-0.7	8.5	2.2
95TH %ILE	-1.1	5.8	-1.6	-5.9	5.2	0.4
EM Net	0.6	10.6	2.3	1.2	10.7	2.5

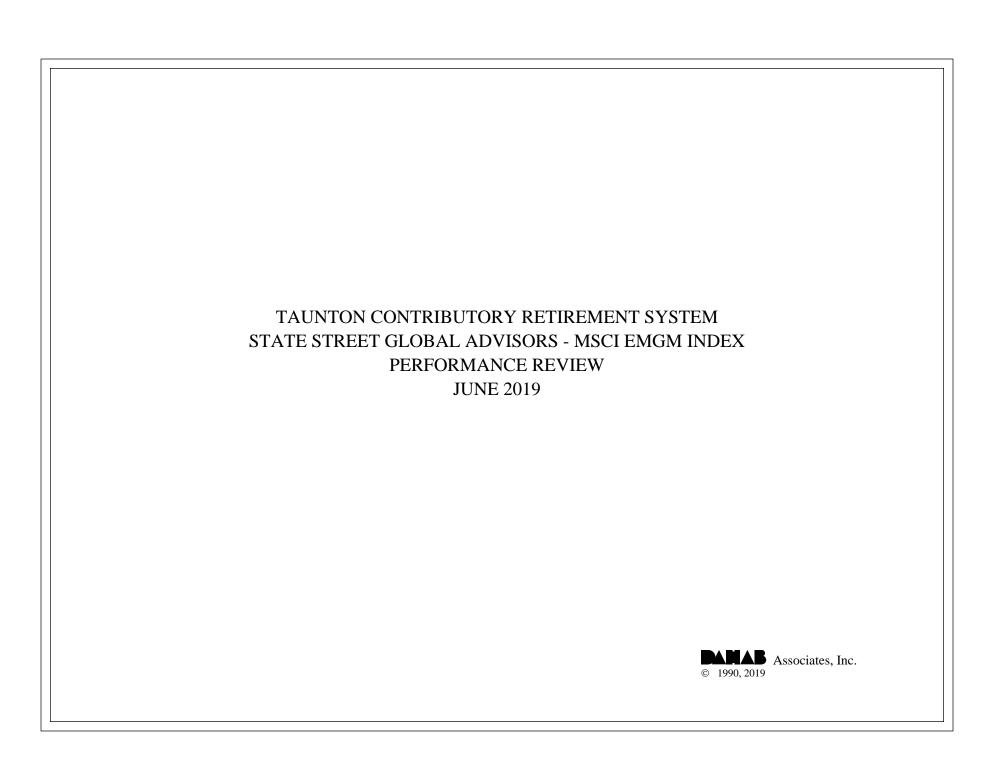
**Emerging Markets Universe** 

### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS NET



Total Quarters Observed	4
Quarters At or Above the Benchmark	3
Quarters Below the Benchmark	1
Batting Average	.750

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/18	-2.5	-1.1	-1.4			
12/18	-7.5	-7.5	0.0			
3/19	11.4	9.9	1.5			
6/19	2.7	0.6	2.1			



On June 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors MSCI EMGM Index portfolio was valued at \$5,394,751, representing an increase of \$32,424 from the March quarter's ending value of \$5,362,327. Last quarter, the Fund posted withdrawals totaling \$1,717, which partially offset the portfolio's net investment return of \$34,141. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$34,141.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the second quarter, the State Street Global Advisors MSCI EMGM Index portfolio returned 0.6%, which was equal to the MSCI Emerging Markets Net Index's return of 0.6% and ranked in the 78th percentile of the Emerging Markets universe. Over the trailing twelve-month period, this portfolio returned 1.3%, which was 0.1% above the benchmark's 1.2% performance, and ranked in the 57th percentile. Since December 2017, the account returned -3.8% per annum and ranked in the 59th percentile. For comparison, the MSCI Emerging Markets Net Index returned an annualized -3.7% over the same time frame.

#### **ASSET ALLOCATION**

This account was fully invested in the SSGA MSCI Emerging Markets Index Fund

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 12/17	
Total Portfolio - Gross	0.6	10.6	1.3			-3.8	
EMERGING MARKETS RANK	(78)	(69)	(57)			(59)	
Total Portfolio - Net	0.6	10.5	1.2			-3.9	
MSCI EM Net	0.6	10.6	1.2	10.7	2.5	-3.7	
<b>Emerging Markets Equity - Gross</b>	0.6	10.6	1.3			-3.8	
EMERGING MARKETS RANK	(78)	(69)	(57)			(59)	
MSCI EM Net	0.6	10.6	1.2	10.7	2.5	-3.7	

ASSET A	ASSET ALLOCATION						
Emerging Markets	100.0%	\$ 5,394,751					
Total Portfolio	100.0%	\$ 5,394,751					

### INVESTMENT RETURN

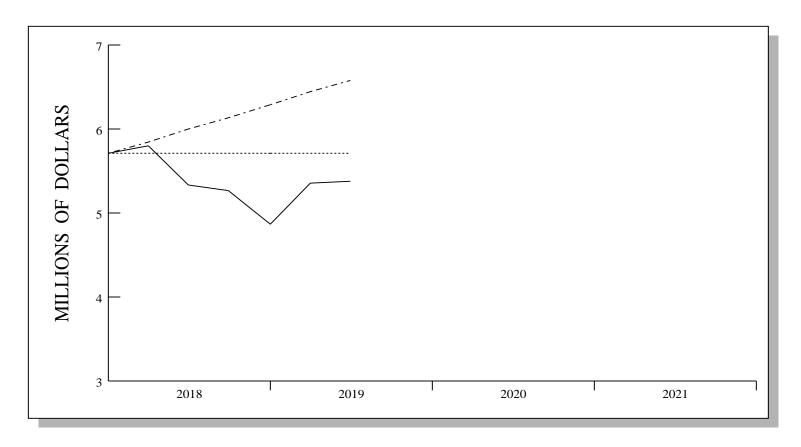
 Market Value 3/2019
 \$ 5,362,327

 Contribs / Withdrawals
 -1,717

 Income
 0

 Capital Gains / Losses
 34,141

 Market Value 6/2019
 \$ 5,394,751

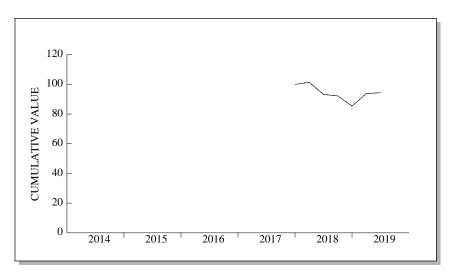


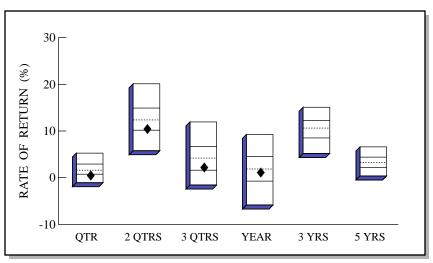
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 6,599,458

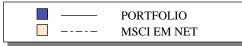
	LAST QUARTER	PERIOD 12/17 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,362,327 -1,717 34,141 \$ 5,394,751	\$ 5,729,979 - 10,424 -324,804 \$ 5,394,751
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 34,141 \\ \hline 34,141 \end{array} $	-324,804 -324,804

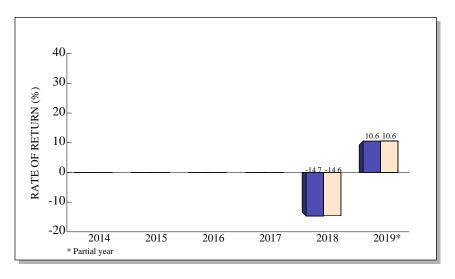
# TOTAL RETURN COMPARISONS





**Emerging Markets Universe** 

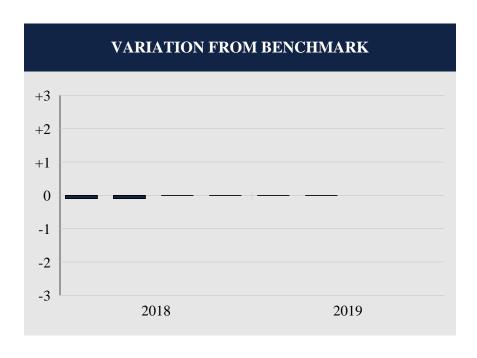




					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	0.6	10.6	2.3	1.3		
(RANK)	(78)	(69)	(69)	(57)		
5TH %ILE	5.3	20.1	11.9	9.3	15.1	6.6
25TH %ILE	2.9	14.9	6.7	4.6	12.2	4.4
MEDIAN	1.6	12.4	4.2	1.9	10.6	3.2
75TH %ILE	0.8	10.2	1.6	-0.7	8.5	2.2
95TH %ILE	-1.1	5.8	-1.6	-5.9	5.2	0.4
EM Net	0.6	10.6	2.3	1.2	10.7	2.5

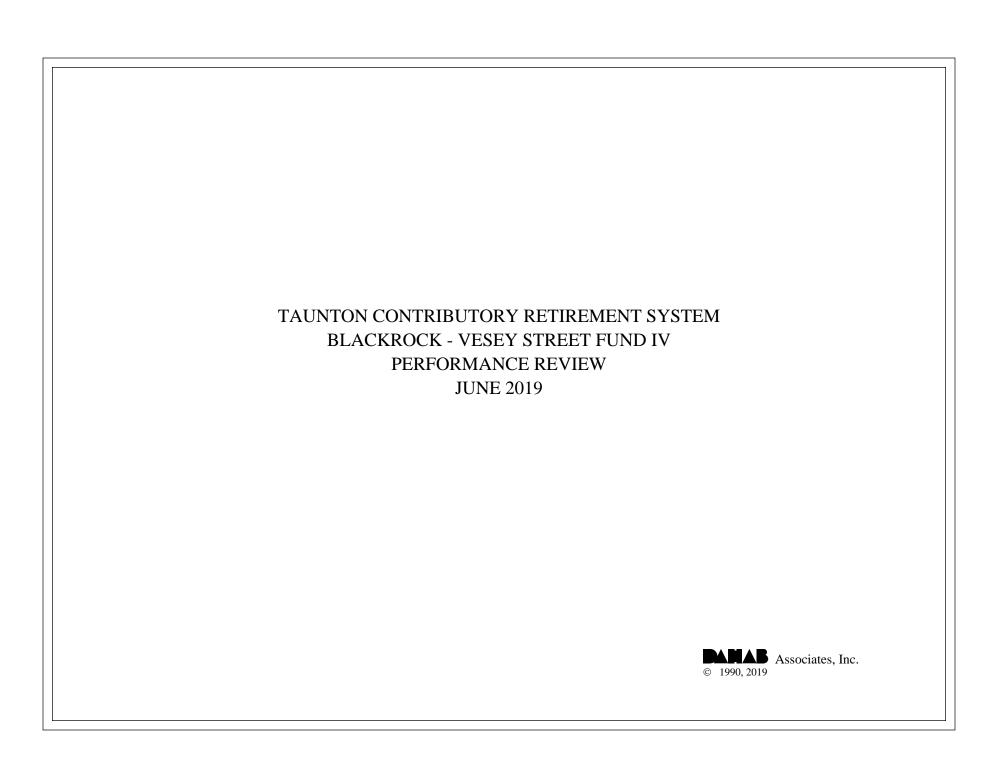
**Emerging Markets Universe** 

### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS NET



Total Quarters Observed	6
Quarters At or Above the Benchmark	4
<b>Quarters Below the Benchmark</b>	2
Batting Average	.667

RATES OF RETURN				
Date	Portfolio	Benchmark	Difference	
3/18	1.3	1.4	-0.1	
6/18	-8.1	-8.0	-0.1	
9/18	-1.1	-1.1	0.0	
12/18	-7.5	-7.5	0.0	
3/19	9.9	9.9	0.0	
6/19	0.6	0.6	0.0	



On June 30th, 2019, the Taunton Contributory Retirement System's BlackRock Vesey Street Fund IV portfolio was valued at \$2,417,822, a decrease of \$50,000 from the March ending value of \$2,467,822. Last quarter, the account recorded total net withdrawals of \$50,000 in contrast to flat net investment returns

#### RELATIVE PERFORMANCE

Data was unavailable at the time of this report. The prior quarter's market values was carried forward and adjusted for any contributions/distributions. A return of 0.0% was assumed for the quarter.

Over the trailing year, the portfolio returned 4.2%, which was 4.6% below the benchmark's 8.8% return. Since June 2009, the portfolio returned 6.9% annualized, while the Russell 3000 (Lagged) returned an annualized 16.0% over the same period.

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/09
Total Portfolio - Gross	0.0	0.1	4.2	8.2	7.5	6.9
Total Portfolio - Net	-0.3	-0.5	3.0	7.0	6.4	6.0
Russell 3000 (Lag)	14.0	-2.3	8.8	13.5	10.4	16.0
Alternative Assets - Gross	0.0	0.1	4.2	8.2	7.5	6.9
Russell 3000 (Lag)	14.0	-2.3	8.8	13.5	10.4	16.0

ASSET ALLOCATION				
Alternative	100.0%	\$ 2,417,822		
Total Portfolio	100.0%	\$ 2,417,822		

### INVESTMENT RETURN

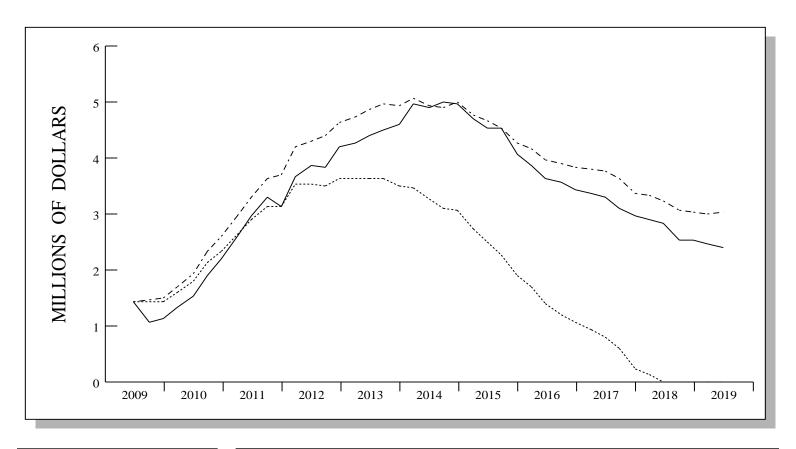
 Market Value 3/2019
 \$ 2,467,822

 Contribs / Withdrawals
 - 50,000

 Income
 0

 Capital Gains / Losses
 0

 Market Value 6/2019
 \$ 2,417,822

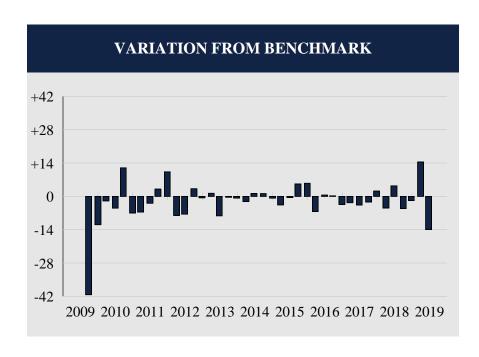


------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING
10.0% RETURN \$ 3,036,989

	LAST QUARTER	PERIOD 6/09 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{r} \$ \ 2,467,822 \\ -50,000 \\ \hline \$ \ 2,417,822 \end{array} $	\$ 1,450,000 -2,005,842 <u>2,973,664</u> \$ 2,417,822
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\begin{array}{c} 0 \\ 0 \\ 0 \end{array}$	61,839 2,911,825 2,973,664

COMPARATIVE BENCHMARK: RUSSELL 3000 (LAGGED)

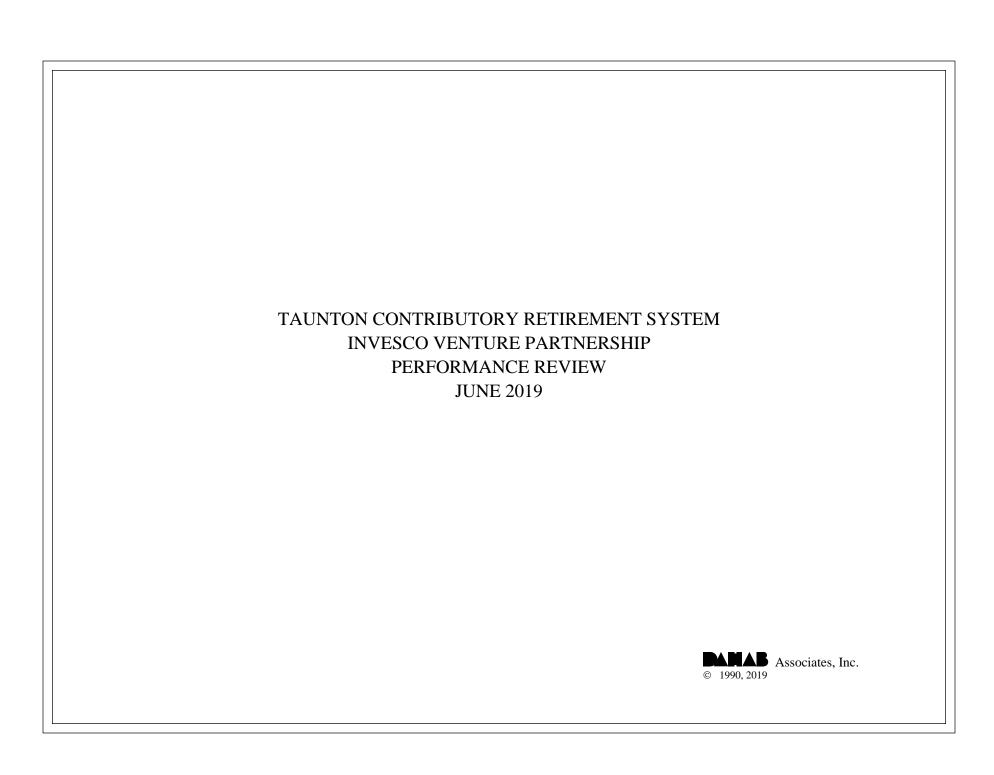


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	14
<b>Quarters Below the Benchmark</b>	26
<b>Batting Average</b>	.350

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/09	-24.5	16.8	-41.3		
12/09	4.4	16.3	-11.9		
3/10	4.0	5.9	-1.9		
6/10	0.9	5.9	-5.0		
9/10	0.7	-11.3	12.0		
12/10	4.5	11.5	-7.0		
3/11	5.0	11.6	-6.6		
6/11	3.5	6.4	-2.9		
9/11	3.0	0.0	3.0		
12/11	-5.0	-15.3	10.3		
3/12	4.1	12.1	-8.0		
6/12	5.4	12.9	-7.5		
9/12	0.1	-3.1	3.2		
12/12	5.6	6.2	-0.6		
3/13	1.6	0.3	1.3		
6/13	2.9	11.1	-8.2		
9/13	2.3	2.7	-0.4		
12/13	5.7	6.4	-0.7		
3/14	7.9	10.1	-2.2		
6/14	3.2	2.0	1.2		
9/14	6.0	4.9	1.1		
12/14	-0.8	0.0	-0.8		
3/15	1.6	5.2	-3.6		
6/15	1.3	1.8	-0.5		
9/15	5.3	0.1	5.2		
12/15	-1.7	-7.2	5.5		
3/16	-0.1	6.3	-6.4		
6/16	1.5	1.0	0.5		
9/16	2.8	2.6	0.2		
12/16	1.0	4.4	-3.4		
3/17	1.5	4.2	-2.7		
6/17	2.0	5.7	-3.7		
9/17	0.6	3.0	-2.4		
12/17	6.8	4.6	2.2		
3/18	1.4	6.3	-4.9		
6/18	3.8	-0.6	4.4		
9/18	-1.2	3.9	-5.1		
12/18	5.3	7.1	-1.8		
3/19	0.1	-14.3	14.4		
6/19	0.0	14.0	-14.0		

# **APPENDIX - DISCLOSURES**

\* Due to delayed release of data all market values, returns, and cash flows for accounts and indexes have been lagged.



On June 30th, 2019, the Taunton Contributory Retirement System's Invesco Venture Partnership portfolio was valued at \$189,880.

#### **RELATIVE PERFORMANCE**

Data was not available at the time of the report. The prior quarter's market value was carried forward and adjusted for any contributions/distributions. A return of 0.0% was assumed for the quarter.

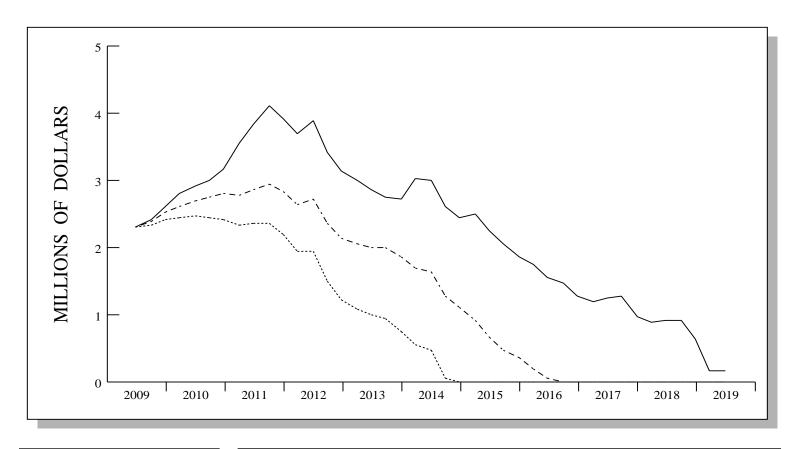
Over the trailing year, the account returned -16.2%, which was 25.0% less than the benchmark's 8.8% performance. Since June 2009, the account returned 10.3% on an annualized basis, while the Russell 3000 (Lagged) returned an annualized 16.0% over the same period.

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/09
Total Portfolio - Gross	0.0	0.0	-16.2	2.3	3.7	10.3
Total Portfolio - Net	0.0	0.0	-16.2	2.3	3.7	10.3
Russell 3000 (Lag)	14.0	-2.3	8.8	13.5	10.4	16.0
Alternative Assets - Gross	0.0	0.0	-16.2	2.3	3.7	10.3
Russell 3000 (Lag)	14.0	-2.3	8.8	13.5	10.4	16.0

ASSET .	ASSET ALLOCATION				
Alternative	100.0%	\$ 189,880			
Total Portfolio	100.0%	\$ 189,880			

# INVESTMENT RETURN

Market Value 3/2019	\$ 189,880
Contribs / Withdrawals	0
Income	0
Capital Gains / Losses	0
Market Value 6/2019	\$ 189,880



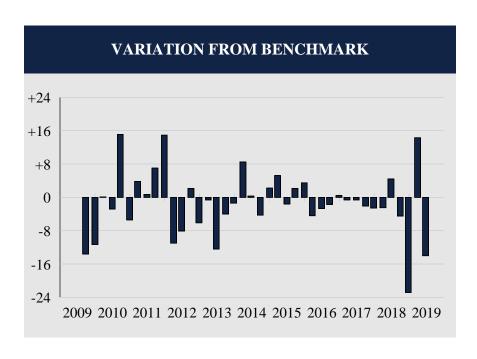
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ -1,666,228

	LAST QUARTER	PERIOD 6/09 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 189,880 0 0 \$ 189,880	\$ 2,329,671 - 5,131,040 <u>2,991,249</u> \$ 189,880
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{0}$	$ \begin{array}{r} 0 \\ 2,991,249 \\ \hline 2,991,249 \end{array} $

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: RUSSELL 3000 (LAGGED)

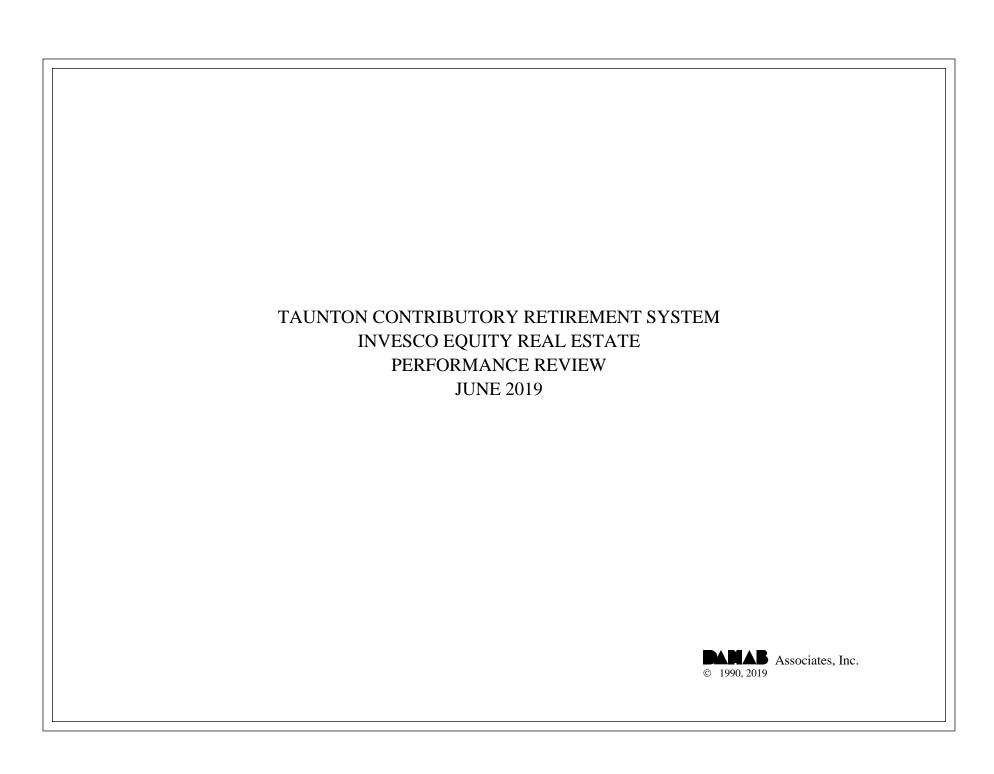


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	16
Quarters Below the Benchmark	24
Batting Average	.400

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/09	3.2	16.8	-13.6			
12/09	5.0	16.3	-11.3			
3/10	6.0	5.9	0.1			
6/10	3.1	5.9	-2.8			
9/10	3.8	-11.3	15.1			
12/10	6.1	11.5	-5.4			
3/11	15.4	11.6	3.8			
6/11	7.1	6.4	0.7			
9/11	7.0	0.0	7.0			
12/11	-0.4	-15.3	14.9			
3/12	1.1	12.1	-11.0			
6/12	4.8	12.9	-8.1			
9/12	-1.0	-3.1	2.1			
12/12	0.1	6.2	-6.1			
3/13	-0.3	0.3	-0.6			
6/13	-1.3	11.1	-12.4			
9/13	-1.3	2.7	-4.0			
12/13	5.0	6.4	-1.4			
3/14	18.6	10.1	8.5			
6/14	2.3	2.0	0.3			
9/14	0.6	4.9	-4.3			
12/14	2.2	0.0	2.2			
3/15	10.4	5.2	5.2			
6/15	0.2	1.8	-1.6			
9/15	2.2	0.1	2.1			
12/15	-3.7	-7.2	3.5			
3/16	1.9	6.3	-4.4			
6/16	-1.7	1.0	-2.7			
9/16	0.9	2.6	-1.7			
12/16	4.8	4.4	0.4			
3/17	3.6	4.2	-0.6			
6/17	5.1	5.7	-0.6			
9/17	0.9	3.0	-2.1			
12/17	2.0	4.6	-2.6			
3/18	3.8	6.3	-2.5			
6/18	3.8	-0.6	4.4			
9/18	-0.6	3.9	-4.5			
12/18	-15.7	7.1	-22.8			
3/19	0.0	-14.3	14.3			
6/19	0.0	14.0	-14.0			

# **APPENDIX - DISCLOSURES**

\* Due to delayed release of data all market values, returns, and cash flows for accounts and indexes have been lagged.



On June 30th, 2019, the Taunton Contributory Retirement System's Invesco Equity Real Estate portfolio was valued at \$7,092,680, representing an increase of \$148,796 from the March quarter's ending value of \$6,943,884. Last quarter, the Fund posted withdrawals totaling \$12,888, which partially offset the portfolio's net investment return of \$161,684. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$161,684.

### **RELATIVE PERFORMANCE**

### **Total Fund**

During the second quarter, the Invesco Equity Real Estate account returned 2.3%, which was 0.5% above the NAREIT's return of 1.8%. Over the trailing year, the portfolio returned 13.2%, which was 0.2% above the benchmark's 13.0% return. Since June 2009, the Invesco Equity Real Estate portfolio returned 15.6% per annum, while the NAREIT returned an annualized 16.0% over the same time frame.

### **ASSET ALLOCATION**

This account was fully invested in the Invesco Equity Real Estate Fund at quarter end.

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/09
Total Portfolio - Gross	2.3	20.0	13.2	6.6	8.9	15.6
Total Portfolio - Net	2.1	19.6	12.4	5.8	8.2	14.9
NAREIT	1.8	19.3	13.0	5.9	8.9	16.0
Real Assets - Gross	2.3	20.0	13.2	6.6	8.9	15.6
NAREIT	1.8	19.3	13.0	5.9	8.9	16.0

ASSET A	ASSET ALLOCATION					
Real Assets	100.0%	\$ 7,092,680				
Total Portfolio	100.0%	\$ 7,092,680				

# INVESTMENT RETURN

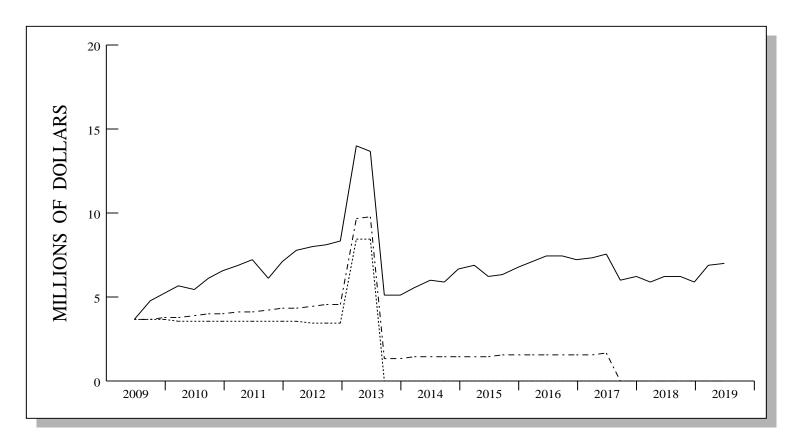
 Market Value 3/2019
 \$ 6,943,884

 Contribs / Withdrawals
 - 12,888

 Income
 0

 Capital Gains / Losses
 161,684

 Market Value 6/2019
 \$ 7,092,680

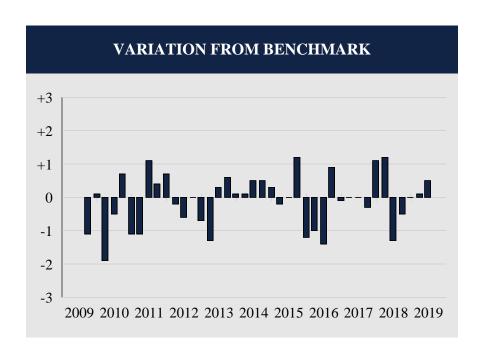


VALUE ASSUMING 8.0% RETURN \$ 22,770

	LAST QUARTER	PERIOD 6/09 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 6,943,884 -12,888 161,684 \$ 7,092,680	\$ 3,687,158 -5,612,829 <u>9,018,351</u> \$ 7,092,680
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 161,684 \\ \hline 161,684 \end{array} $	$ \begin{array}{r} 0 \\ -9,018,351 \\ \hline 9,018,351 \end{array} $

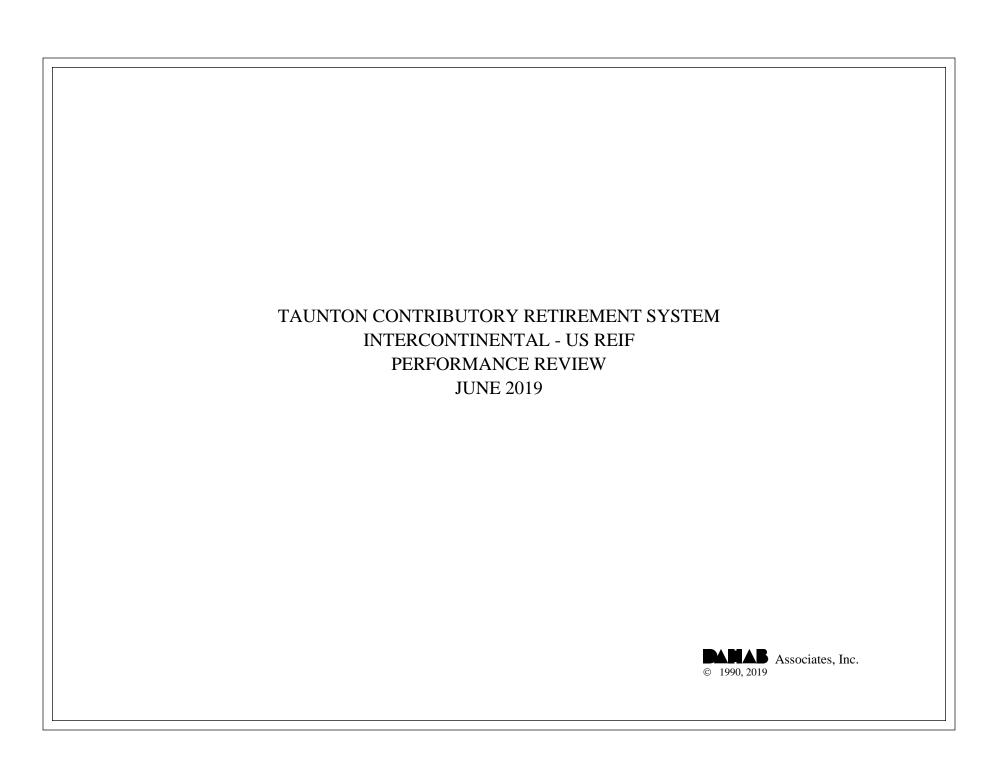
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

**COMPARATIVE BENCHMARK: NAREIT** 



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	23
<b>Quarters Below the Benchmark</b>	17
Batting Average	.575

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/09	32.2	33.3	-1.1			
12/09	9.5	9.4	0.1			
3/10	8.1	10.0	-1.9			
6/10	-4.6	-4.1	-0.5			
9/10	13.5	12.8	0.7			
12/10	6.3	7.4	-1.1			
3/11	6.4	7.5	-1.1			
6/11	4.0	2.9	1.1			
9/11	-14.7	-15.1	0.4			
12/11	16.0	15.3	0.7			
3/12	10.3	10.5	-0.2			
6/12	3.4	4.0	-0.6			
9/12	1.0	1.0	0.0			
12/12	2.4	3.1	-0.7			
3/13	6.8	8.1	-1.3			
6/13	-1.8	-2.1	0.3			
9/13	-2.0	-2.6	0.6			
12/13	-0.1	-0.2	0.1			
3/14	8.6	8.5	0.1			
6/14	7.6	7.1	0.5			
9/14	-2.0	-2.5	0.5			
12/14	13.2	12.9	0.3			
3/15	3.8	4.0	-0.2			
6/15	-9.1	-9.1	0.0			
9/15	2.2	1.0	1.2			
12/15	6.5	7.7	-1.2			
3/16	4.8	5.8	-1.0			
6/16	6.0	7.4	-1.4			
9/16	-0.3	-1.2	0.9			
12/16	-3.4	-3.3	-0.1			
3/17	2.6	2.6	0.0			
6/17	2.3	2.3	0.0			
9/17	0.8	1.1	-0.3			
12/17	3.6	2.5	1.1			
3/18	-5.5	-6.7	1.2			
6/18	7.2	8.5	-1.3			
9/18	0.4	0.9	-0.5			
12/18	-6.1	-6.1	0.0			
3/19	17.3	17.2	0.1			
6/19	2.3	1.8	0.5			



On June 30th, 2019, the Taunton Contributory Retirement System's Intercontinental US REIF portfolio was valued at \$16,270,638, representing an increase of \$200,680 from the March quarter's ending value of \$16,069,958. Last quarter, the Fund posted withdrawals totaling \$31,878, which partially offset the portfolio's net investment return of \$232,558. Income receipts totaling \$207,338 plus net realized and unrealized capital gains of \$25,220 combined to produce the portfolio's net investment return.

### RELATIVE PERFORMANCE

### **Total Fund**

For the second quarter, the Intercontinental US REIF account gained 1.4%, which was 0.4% greater than the NCREIF NFI-ODCE Index's return of 1.0%. Over the trailing twelve-month period, the account returned 8.3%, which was 1.9% above the benchmark's 6.4% performance. Since June 2014, the portfolio returned 11.8% per annum, while the NCREIF NFI-ODCE Index returned an annualized 9.8% over the same period.

### **ASSET ALLOCATION**

This account was fully invested in the Intercontinental US Real Estate Fund.

# Real Estate Investor Report Intercontinental US Real Estate Investment Fund As of June 30, 2019

Market Value	\$ 16,270,638	Last Appraisal Date:6/30/2019
Initial Commitment	\$ 10,000,000	
Capital Commited	\$ 10,000,000	100.00%
Remaining Commitment	-	-
Net IRR	14.30%	

		- 110 0,1	% of	Dividends		
Date	Co	ontributions	Commitment	Reinvested	D	istributions
6/9/2014	\$	10,000,000	100.00%	\$ -	\$	-
7/1/2014	\$	-	0.00%	\$ 12,712	\$	(19,041)
10/1/2014	\$	-	0.00%	\$ 69,386	\$	(97,147)
1/1/2015	\$	_	0.00%	\$ 42,633	\$	(70,584)
4/1/2015	\$	-	0.00%	\$ 76,822	\$	(104,282)
7/1/2015	\$	_	0.00%	\$ 100,074	\$	(128,049)
10/1/2015	\$	-	0.00%	\$ 94,151	\$	(122,710)
1/1/2016	\$	-	0.00%	\$ 78,444	\$	(107,265)
4/1/2016	\$	-	0.00%	\$ 87,638	\$	(116,361)
7/1/2016	\$	-	0.00%	\$ 112,828	\$	(141,633)
10/1/2016	\$	-	0.00%	\$ 95,755	\$	(125,267)
1/1/2017	\$	-	0.00%	\$ 85,370	\$	(115,147)
6/30/2017	\$	-	0.00%	\$ 116,714	\$	(146, 156)
7/1/2017	\$	-	0.00%	\$ 119,411	\$	(149,499)
10/1/2017	\$	-	0.00%	\$ 110,334	\$	(141,084)
1/1/2018	\$	-	0.00%	\$ 93,224	\$	(124,280)
4/1/2018	\$	-	0.00%	\$ 121,661	\$	(152,295)
7/1/2018	\$	-	0.00%	\$ 130,646	\$	(161,954)
10/1/2018	\$	_	0.00%	\$ 114,749	\$	(146,763)
1/1/2019	\$	-	0.00%	\$ 91,627	\$	(123,959)
4/1/2019	\$	-	0.00%	\$ 122,980	\$	(154,858)
Total	\$	10,000,000	100.00%	\$ 1,877,159	\$	(2,448,334)

PERFORMANCE SUMMARY					
	Quarter	YTD	1 Year	3 Year	5 Year
Total Portfolio - Gross	1.4	3.5	8.3	11.0	11.8
Total Portfolio - Net	1.2	3.0	6.9	9.5	10.5
NCREIF ODCE	1.0	2.4	6.4	7.6	9.8
Real Assets - Gross	1.4	3.5	8.3	11.0	11.8
NCREIF ODCE	1.0	2.4	6.4	7.6	9.8

ASSET ALLOCATION				
Real Assets	100.0%	\$ 16,270,638		
Total Portfolio	100.0%	\$ 16,270,638		

# INVESTMENT RETURN

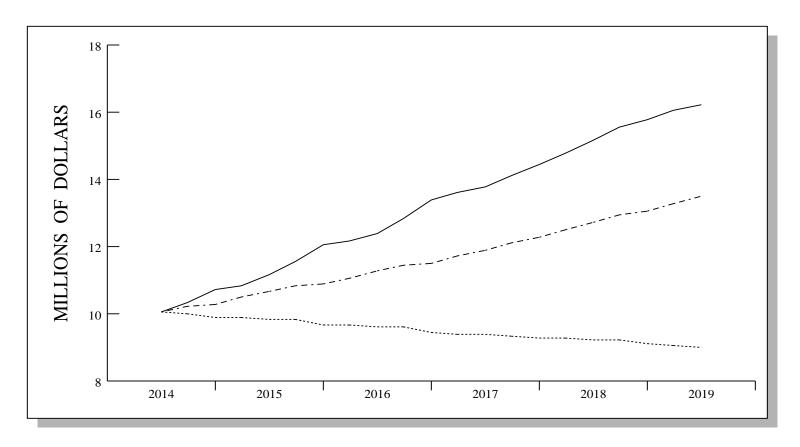
 Market Value 3/2019
 \$ 16,069,958

 Contribs / Withdrawals
 - 31,878

 Income
 207,338

 Capital Gains / Losses
 25,220

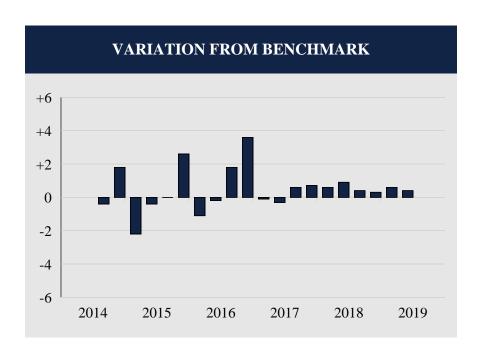
 Market Value 6/2019
 \$ 16,270,638



VALUE ASSUMING 8.0% RETURN \$ 13,549,991

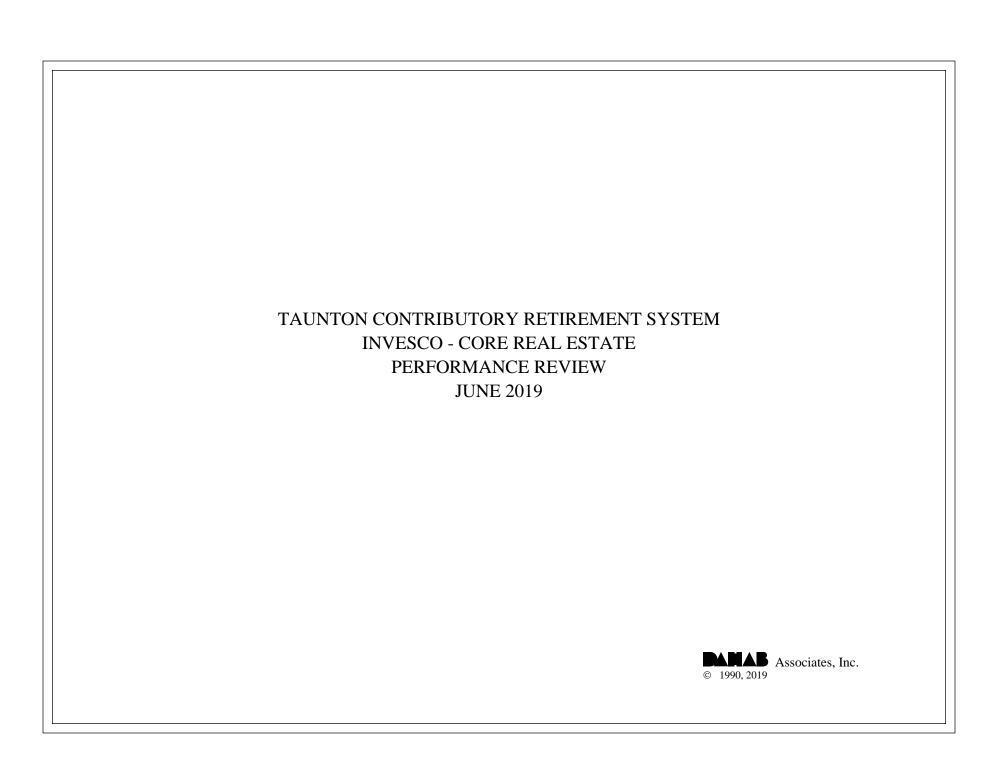
	LAST QUARTER	FIVE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,069,958 - 31,878 232,558 \$ 16,270,638	\$ 10,058,632 -1,003,359 7,215,365 \$ 16,270,638
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 207,338 \\ 25,220 \\ \hline 232,558 \end{array} $	$ \begin{array}{r} 3,291,764 \\ 3,923,601 \\ \hline 7,215,365 \end{array} $

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



<b>Total Quarters Observed</b>	20
Quarters At or Above the Benchmark	13
<b>Quarters Below the Benchmark</b>	7
Batting Average	.650

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/14	2.8	3.2	-0.4		
12/14	5.1	3.3	1.8		
3/15	1.2	3.4	-2.2		
6/15	3.4	3.8	-0.4		
9/15	3.7	3.7	0.0		
12/15	5.9	3.3	2.6		
3/16	1.1	2.2	-1.1		
6/16	1.9	2.1	-0.2		
9/16	3.9	2.1	1.8		
3/17 6/17 9/17	5.7 1.7 1.4 2.5	2.1 1.8 1.7 1.9	3.6 -0.1 -0.3 0.6		
12/17	2.8	2.1	0.7		
3/18	2.8	2.2	0.6		
6/18	2.9	2.0	0.9		
9/18	2.5	2.1	0.4		
12/18	2.1	1.8	0.3		
3/19	2.0	1.4	0.6		
6/19	1.4	1.0	0.4		



On June 30th, 2019, the Taunton Contributory Retirement System's Invesco Core Real Estate portfolio was valued at \$16,298,579, representing an increase of \$122,272 from the March quarter's ending value of \$16,176,307. Last quarter, the Fund posted withdrawals totaling \$47,099, which offset the portfolio's net investment return of \$169,371. Income receipts totaling \$144,022 plus net realized and unrealized capital gains of \$25,349 combined to produce the portfolio's net investment return.

### RELATIVE PERFORMANCE

### **Total Fund**

For the second quarter, the Invesco Core Real Estate account gained 1.0%, which was equal to the NCREIF NFI-ODCE Index's return of 1.0%. Over the trailing twelve-month period, the account returned 7.1%, which was 0.7% above the benchmark's 6.4% performance. Since June 2009, the portfolio returned 9.6% per annum, while the NCREIF NFI-ODCE Index returned an annualized 9.9% over the same period.

### **ASSET ALLOCATION**

This account was fully invested in the Invesco Core Real Estate Fund.

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/09
Total Portfolio - Gross	1.0	2.2	7.1	8.0	10.2	9.6
Total Portfolio - Net	0.8	1.7	6.0	6.9	9.1	8.7
NCREIF ODCE	1.0	2.4	6.4	7.6	9.8	9.9
Real Assets - Gross	1.0	2.2	7.1	8.0	10.2	9.6
NCREIF ODCE	1.0	2.4	6.4	7.6	9.8	9.9

ASSET ALLOCATION				
Real Assets	100.0%	\$ 16,298,579		
Total Portfolio	100.0%	\$ 16,298,579		

# INVESTMENT RETURN

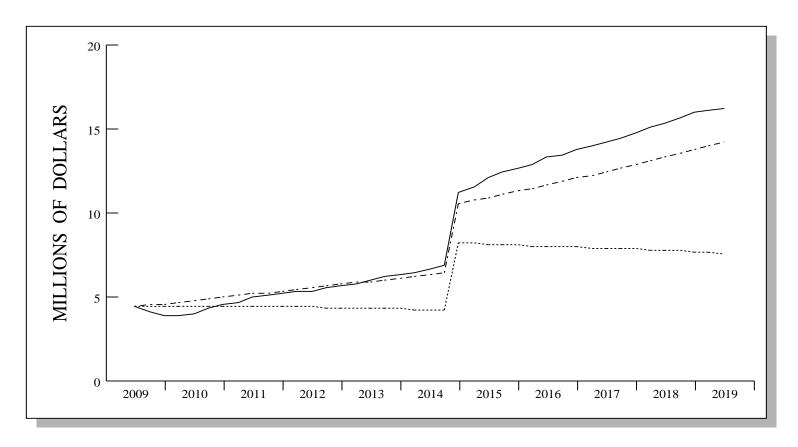
 Market Value 3/2019
 \$ 16,176,307

 Contribs / Withdrawals
 - 47,099

 Income
 144,022

 Capital Gains / Losses
 25,349

 Market Value 6/2019
 \$ 16,298,579

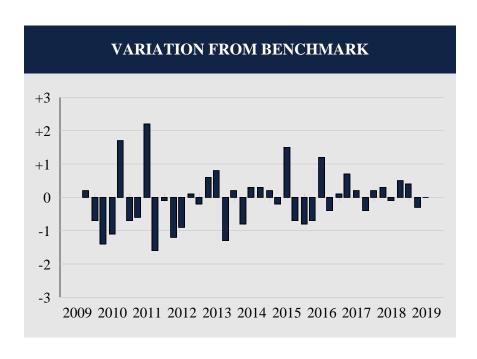


VALUE ASSUMING 8.0% RETURN \$ 14,281,731

	LAST QUARTER	PERIOD 6/09 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,176,307 - 47,099 169,371 \$ 16,298,579	\$ 4,478,791 3,163,060 8,656,728 \$ 16,298,579
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{144,022}{25,349}$ $\overline{169,371}$	$ \begin{array}{r} 3,030,120 \\ 5,626,608 \\ \hline 8,656,728 \end{array} $

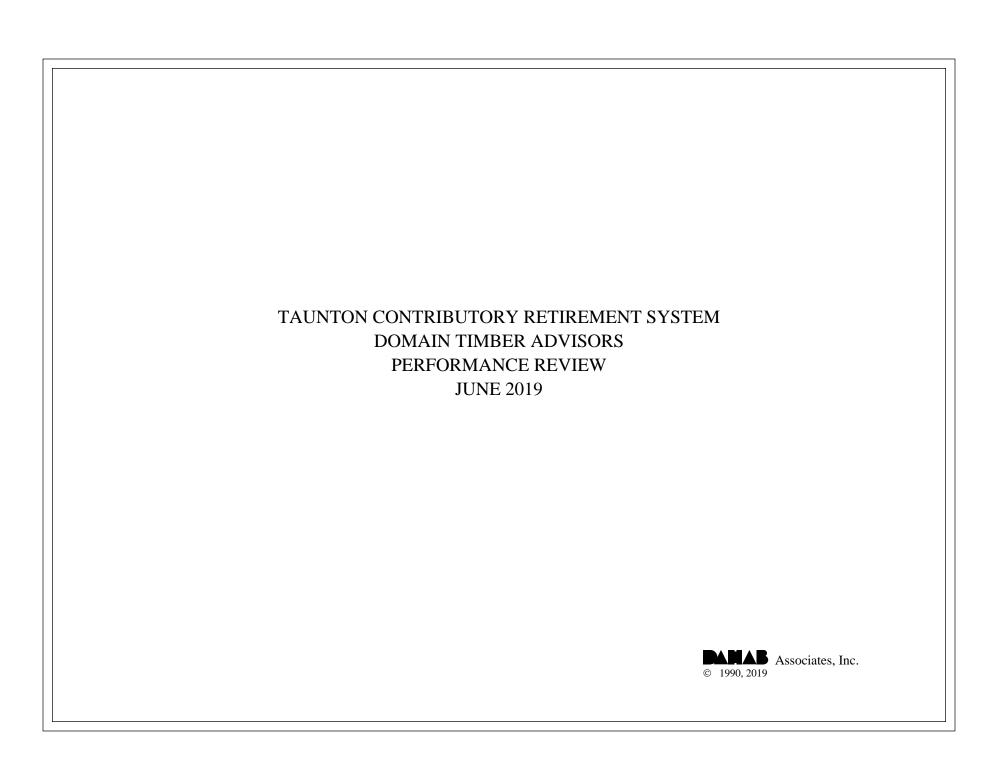
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	20
Quarters Below the Benchmark	20
Batting Average	.500

	RATES	S OF RETURN	
Date	Portfolio	Benchmark	Difference
9/09 12/09 3/10 6/10 9/10 12/10 3/11 6/11 9/11 12/11	-7.1 -4.2 -0.6 3.3 7.1 4.3 3.4 6.8 1.9 2.9	-7.3 -3.5 0.8 4.4 5.4 5.0 4.0 4.6 3.5 3.0	0.2 -0.7 -1.4 -1.1 1.7 -0.7 -0.6 2.2 -1.6 -0.1
3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13	1.6 1.6 2.9 2.1 3.3 4.7 2.3 3.4	2.8 2.5 2.8 2.3 2.7 3.9 3.6 3.2	-1.2 -0.9 0.1 -0.2 0.6 0.8 -1.3 0.2
3/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16	3.2 3.5 3.5 3.2 5.3 3.0 2.5 1.5 3.3	2.9 3.2 3.3 3.4 3.8 3.7 3.3 2.2	0.3 0.3 0.2 -0.2 1.5 -0.7 -0.8 -0.7
9/16 12/16 3/17 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19	1.7 2.2 2.5 1.9 1.5 2.3 2.5 1.9 2.6 2.2 1.1	2.1 2.1 1.8 1.7 1.9 2.1 2.2 2.0 2.1 1.8 1.4	-0.4 0.1 0.7 0.2 -0.4 0.2 0.3 -0.1 0.5 0.4 -0.3 0.0



On June 30th, 2019, the Taunton Contributory Retirement System's Domain Timber Advisors portfolio was valued at \$2,627,112, a decrease of \$15,608 from the March ending value of \$2,642,720. Last quarter, the account recorded a net withdrawal of \$68,750, which overshadowed the fund's net investment return of \$53,142. Income receipts totaling \$3,199 and realized and unrealized capital gains of \$49,943 combined to produce the portfolio's net investment return.

### **RELATIVE PERFORMANCE**

During the second quarter, the Domain Timber Advisors portfolio gained 2.0%, which was 1.0% above the NCREIF Timber Index's return of 1.0%. Over the trailing twelve-month period, the portfolio returned 3.7%, which was 0.8% greater than the benchmark's 2.9% return. Since June 2011, the Domain Timber Advisors portfolio returned 5.1% on an annualized basis, while the NCREIF Timber Index returned an annualized 5.4% over the same time frame.

### **ASSET ALLOCATION**

This account was fully invested into Domain Timber Advisors Fund.

Real Assets Investor Report
<b>Domain Timber Investments III</b>
As of June 30, 2019

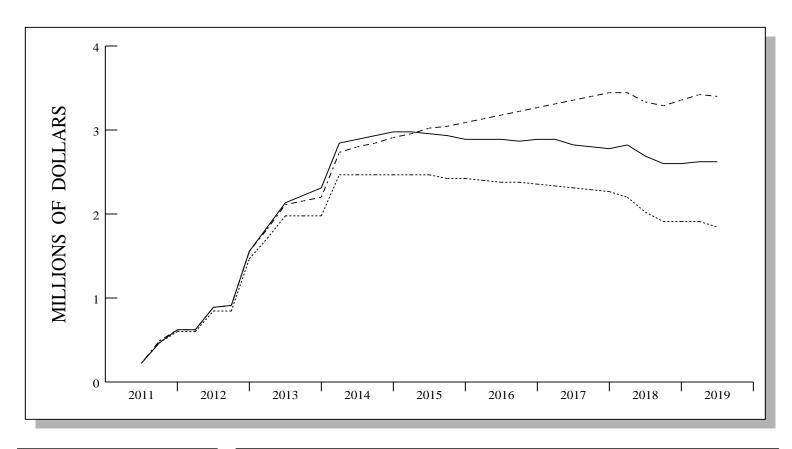
		As of	June 30, 2019	9			
Market Value	\$	2,627,112	Last Appraisal I	Date: 6/30/2019			
Initial Commitment	\$	2,500,000	100.00%				
Paid In Capital	\$	2,500,000	100.00%				
Remaining Commitment	\$	-	0.00%				
IRR		4.07%					
			% of	Recallable	% of		
Date	Co	ntributions	Commitment	Contributions	Commitment	Di	stributions
Year 2011	\$	625,000	25.00%	\$ -	0.00%	\$	-
5/11/2012	\$	250,000	10.00%	\$ -	0.00%	\$	-
12/4/2012	\$	625,000	25.00%	\$ -	0.00%	\$	-
1/22/2013	\$	250,000	10.00%	\$ -	0.00%	\$	-
4/19/2013	\$	250,000	10.00%	\$ -	0.00%	\$	-
1/17/2014	\$	125,000	5.00%	\$ -	0.00%	\$	-
3/18/2014	\$	375,000	15.00%	\$ -	0.00%	\$	-
2/6/2015	\$	-	0.00%	\$ -	0.00%	\$	(12,773)
3/20/2015	\$	-	0.00%	\$ -	0.00%	\$	(35,155)
9/1/2015	\$	-	0.00%	\$ -	0.00%	\$	(37,500)
12/18/2015	\$	-	0.00%	\$ -	0.00%	\$	(43,750)
6/22/2017	\$	-	0.00%	\$ -	0.00%	\$	(35,000)
9/18/2017	\$	-	0.00%	\$ -	0.00%	\$	(25,000)
2/21/2018	\$	-	0.00%	\$ -	0.00%	\$	(62,500)
5/24/2018	\$	-	0.00%	\$ -	0.00%	\$	(166,250)
8/27/2018	\$	-	0.00%	\$ -	0.00%	\$	(107,000)
5/14/2019	\$	-	0.00%	\$ -	0.00%	\$	(68,750)
Total	\$	2,500,000	100.00%	\$ -	0.00%	\$	(593,678)

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/11
Total Portfolio - Gross	2.0	3.1	3.7	3.5	2.5	5.1
Total Portfolio - Net	1.8	2.6	2.7	2.4	1.5	4.2
NCREIF Timber	1.0	1.2	2.9	3.3	4.6	5.4
Real Assets - Gross	2.0	3.1	3.7	3.5	2.5	5.1
NCREIF Timber	1.0	1.2	2.9	3.3	4.6	5.4

ASSET ALLOCATION				
Real Assets	100.0%	\$ 2,627,112		
Total Portfolio	100.0%	\$ 2,627,112		

# INVESTMENT RETURN

Market Value 3/2019	\$ 2,642,720
Contribs / Withdrawals	- 68,750
Income	3,199
Capital Gains / Losses	49,943
Market Value 6/2019	\$ 2,627,112

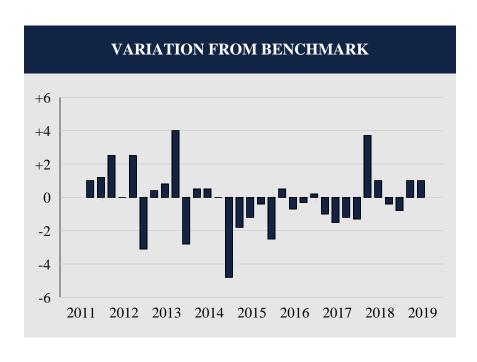


VALUE ASSUMING 8.0% RETURN \$ 3,419,812

	LAST QUARTER	PERIOD 6/11 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{r} \$ \ 2,642,720 \\ -68,750 \\ \underline{53,142} \\ \$ \ 2,627,112 \end{array}$	\$ 236,632 1,611,283 779,197 \$ 2,627,112
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 3,199 \\ 49,943 \\ \hline 53,142 \end{array} $	68,064 711,133 779,197

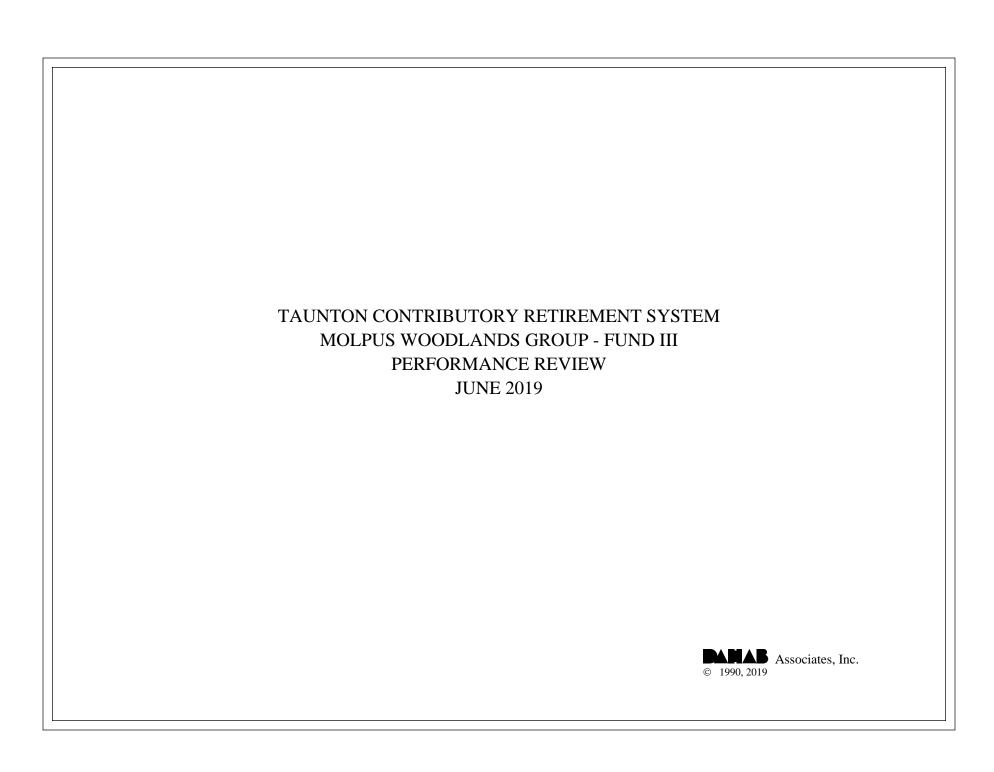
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



<b>Total Quarters Observed</b>	32
Quarters At or Above the Benchmark	17
<b>Quarters Below the Benchmark</b>	15
Batting Average	.531

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/11	0.7	-0.3	1.0			
12/11	1.7	0.5	1.2			
3/12	2.9	0.4	2.5			
6/12	0.6	0.6	0.0			
9/12	3.3	0.8	2.5			
12/12	2.8	5.9	-3.1			
3/13	1.9	1.5	0.4			
6/13	1.7	0.9	0.8			
9/13	5.0	1.0	4.0			
12/13	3.1	5.9	-2.8			
3/14	2.1	1.6	0.5			
6/14	1.6	1.1	0.5			
9/14	1.5	1.5	0.0			
12/14	1.2	6.0	-4.8			
3/15	0.0	1.8	-1.8			
6/15	-0.7	0.5	-1.2			
9/15	0.4	0.8	-0.4			
12/15	-0.6	1.9	-2.5			
3/16	0.2	-0.3	0.5			
6/16	0.3	1.0	-0.7			
9/16	0.4	0.7	-0.3			
12/16	1.4	1.2	0.2			
3/17	-0.2	0.8	-1.0			
6/17	-0.8	0.7	-1.5			
9/17	-0.6	0.6	-1.2			
12/17	0.2	1.5	-1.3			
3/18	4.6	0.9	3.7			
6/18	1.5	0.5	1.0			
9/18	0.6	1.0	-0.4			
12/18	0.0	0.8	-0.8			
3/19	1.1	0.1	1.0			
6/19	2.0	1.0	1.0			



On June 30th, 2019, the Taunton Contributory Retirement System's Molpus Woodlands Group Fund III portfolio was valued at \$2,224,229, a decrease of \$25,609 from the March ending value of \$2,249,838. Last quarter, the account recorded a net withdrawal of \$28,441, which overshadowed the fund's net investment return of \$2,832. Barring income receipts during the second quarter, the portfolio's net investment return figure was the product of \$2,832 in realized and unrealized capital gains.

### RELATIVE PERFORMANCE

### **Total Fund**

For the second quarter, the Molpus Woodlands Group Fund III account gained 0.4%, which was 0.6% less than the NCREIF Timber Index's return of 1.0%. Over the trailing twelve-month period, the account returned 2.6%, which was 0.3% below the benchmark's 2.9% performance. Since June 2011, the portfolio returned 4.7% per annum, while the NCREIF Timber Index returned an annualized 5.4% over the same period.

### **ASSET ALLOCATION**

This account was fully invested the Molpus Woodlands Fund III.

<b>Real Assets Investor Report</b>
<b>Molpus Woodlands Fund III</b>
As of June 30, 2019

Market Value	\$ 2,224,229	Last Appraisal Date: 6/30/2019
Initial Commitment	\$ 2,500,000	100.00%
Paid In Capital	\$ 2,362,500	94.50%
Remaining Commitment	\$ 137,500	5.50%
IRR	4.20%	

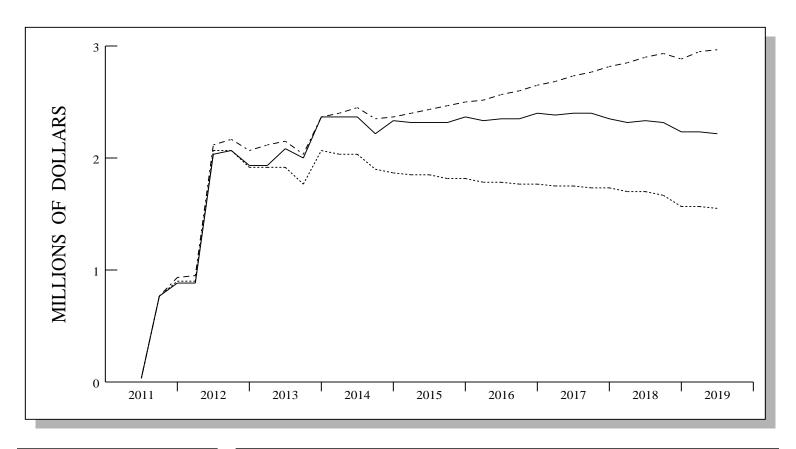
			% of	R	Recallable	% of		
Date	Co	ntributions	Commitment	Co	ntributions	Commitment	D	istributions
Year 2011	\$	912,500	36.50%	\$	-	0.00%	\$	-
Year 2012	\$	1,155,000	46.20%	\$	-	0.00%	\$	(136,516)
Year 2013	\$	295,000	11.80%	\$	-	0.00%	\$	(153,581)
3/28/2014	\$	-	0.00%	\$	-	0.00%	\$	(22,752)
8/22/2014	\$	-	0.00%	\$	-	0.00%	\$	(142,204)
12/18/2014	\$	-	0.00%	\$	-	0.00%	\$	(25,597)
3/26/2015	\$	-	0.00%	\$	-	0.00%	\$	(22,753)
9/25/2015	\$	-	0.00%	\$	-	0.00%	\$	(22,753)
3/31/2016	\$	-	0.00%	\$	-	0.00%	\$	(31,566)
9/22/2016	\$	-	0.00%	\$	-	0.00%	\$	(17,064)
3/31/2017	\$	-	0.00%	\$	-	0.00%	\$	(22,753)
9/30/2017	\$	-	0.00%	\$	-	0.00%	\$	(22,752)
3/31/2018	\$	-	0.00%	\$	-	0.00%	\$	(34,129)
9/30/2018	\$	-	0.00%	\$	-	0.00%	\$	(28,441)
12/31/2018	\$	-	0.00%	\$	-	0.00%	\$	(93,855)
6/30/2019	\$	-	0.00%	\$	-	0.00%	\$	(28,441)
Total	\$	2,362,500	94.50%	\$	-	0.00%	\$	(805,157)

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/11	
Total Portfolio - Gross	0.4	1.0	2.6	2.7	4.1	4.7	
Total Portfolio - Net	0.1	0.5	1.6	1.7	3.1	3.7	
NCREIF Timber	1.0	1.2	2.9	3.3	4.6	5.4	
Real Assets - Gross	0.4	1.0	2.6	2.7	4.1	4.7	
NCREIF Timber	1.0	1.2	2.9	3.3	4.6	5.4	

ASSET ALLOCATION					
Real Assets	100.0%	\$ 2,224,229			
Total Portfolio	100.0%	\$ 2,224,229			

# INVESTMENT RETURN

Market Value 3/2019	\$ 2,249,838
Contribs / Withdrawals	- 28,441
Income	0
Capital Gains / Losses	2,832
Market Value 6/2019	\$ 2,224,229

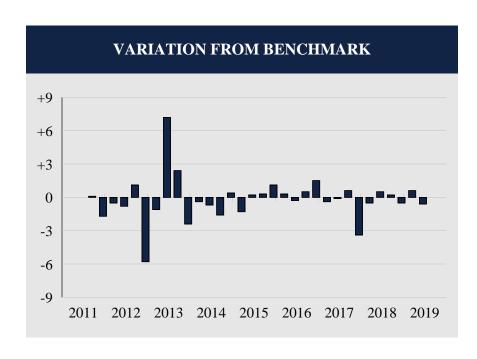


VALUE ASSUMING 8.0% RETURN \$ 2,982,899

	LAST QUARTER	PERIOD 6/11 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 2,249,838 \\ -28,441 \\ \hline 2,832 \\ \$ \ 2,224,229 \end{array}$	$ \begin{array}{r} \$ 34,781 \\ 1,516,532 \\ \underline{672,916} \\ \$ 2,224,229 \end{array} $
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{2,832}$ 2,832	14,400 658,516 672,916

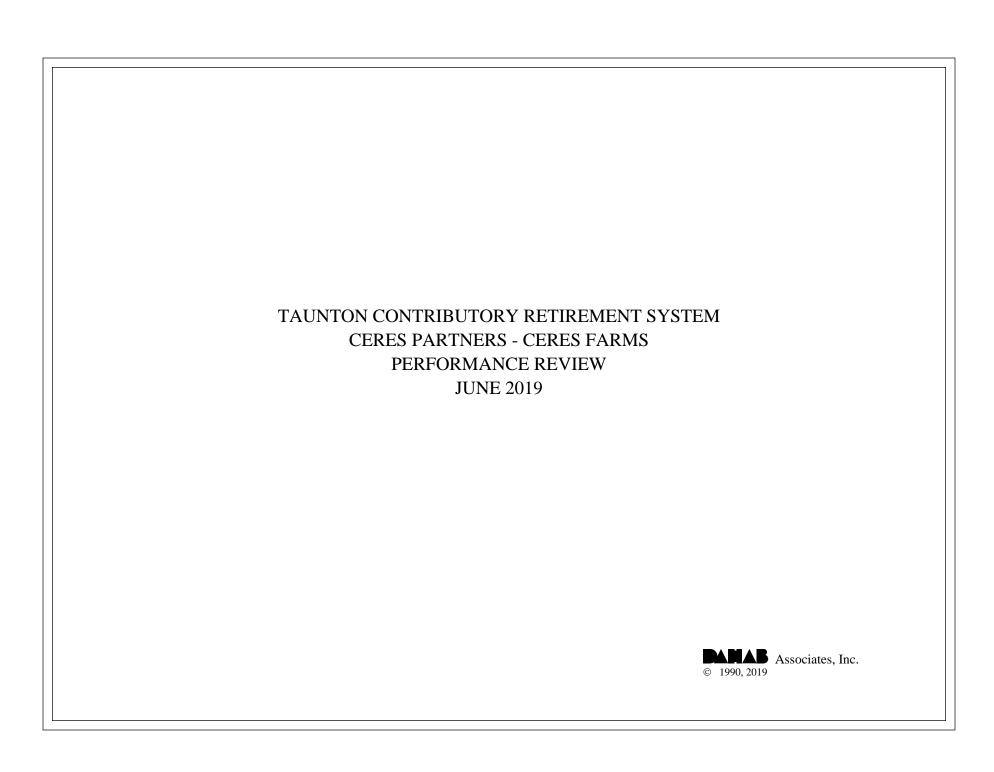
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



<b>Total Quarters Observed</b>	32
Quarters At or Above the Benchmark	15
<b>Quarters Below the Benchmark</b>	17
Batting Average	.469

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/11	-0.2	-0.3	0.1		
12/11	-1.2	0.5	-1.7		
3/12	-0.1	0.4	-0.5		
6/12	-0.2	0.6	-0.8		
9/12	1.9	0.8	1.1		
12/12	0.1	5.9	-5.8		
3/13	0.4	1.5	-1.1		
6/13	8.1	0.9	7.2		
9/13	3.4	1.0	2.4		
12/13	3.5	5.9	-2.4		
3/14	1.2	1.6	-0.4		
6/14	0.4	1.1	-0.7		
9/14	-0.1	1.5	-1.6		
12/14	6.4	6.0	0.4		
3/15	0.5	1.8	-1.3		
6/15	0.7	0.5	0.2		
9/15	1.1	0.8	0.3		
12/15	3.0	1.9	1.1		
3/16	0.0	-0.3	0.3		
6/16	0.7	1.0	-0.3		
9/16	1.2	0.7	0.5		
12/16	2.7	1.2	1.5		
3/17	0.4	0.8	-0.4		
6/17	0.6	0.7	-0.1		
9/17	1.2	0.6	0.6		
12/17	-1.9	1.5	-3.4		
3/18	0.4	0.9	-0.5		
6/18	1.0	0.5	0.5		
9/18	1.2	1.0	0.2		
12/18	0.3	0.8	-0.5		
3/19	0.7	0.1	0.6		
6/19	0.4	1.0	-0.6		



On June 30th, 2019, the Taunton Contributory Retirement System's Ceres Partners Ceres Farms portfolio was valued at \$5,827,013, representing an increase of \$162,114 from the March quarter's ending value of \$5,664,899. Last quarter, the Fund posted withdrawals totaling \$55,592, which offset the portfolio's net investment return of \$217,706. Income receipts totaling \$48,641 plus net realized and unrealized capital gains of \$169,065 combined to produce the portfolio's net investment return.

### **RELATIVE PERFORMANCE**

For the second quarter, the Ceres Partners Ceres Farms account gained 3.8%, which was 3.1% greater than the NCREIF Farmland Index's return of 0.7%. Over the trailing twelve-month period, the account returned 8.0%, which was 2.3% above the benchmark's 5.7% performance. Since September 2013, the portfolio returned 7.4% per annum, while the NCREIF Farmland Index returned an annualized 9.4% over the same period.

### **ASSET ALLOCATION**

This account was fully invested in the Ceres Farms, LLC during the quarter.

Real Assets Investor Report  Ceres Farms, LLC  As of June 30, 2019						
Market Value	\$	5,827,013	Last Appraisal	Date: 6/30/201	9	
Initial Commitment	\$	4,500,000	100.00%			
Paid In Capital	\$	4,500,000	100.00%			
Remaining Commitment	\$	-	0.00%			
IRR		5.12%				
			% of	Recallable	% of	
Date	Co	ntributions	Commitment	Contributions	Commitment	<b>Distributions</b>
7/8/2013	\$	2,500,000	55.56%	\$ -	0.00%	\$ -
12/31/2014	\$	2,000,000	44.44%	\$ -	0.00%	
Total	\$	4,500,000	100.00%	\$ -	0.00%	\$ -

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/13
Total Portfolio - Gross	3.8	5.0	8.0	6.2	6.2	7.4
Total Portfolio - Net	2.9	3.6	5.5	4.2	4.1	5.1
NCREIF Farmland	0.7	1.4	5.7	6.3	8.0	9.4
Real Assets - Gross	3.8	5.0	8.0	6.2	6.2	7.4
NCREIF Farmland	0.7	1.4	5.7	6.3	8.0	9.4

ASSET ALLOCATION					
Real Assets	100.0%	\$ 5,827,013			
Total Portfolio	100.0%	\$ 5,827,013			

# INVESTMENT RETURN

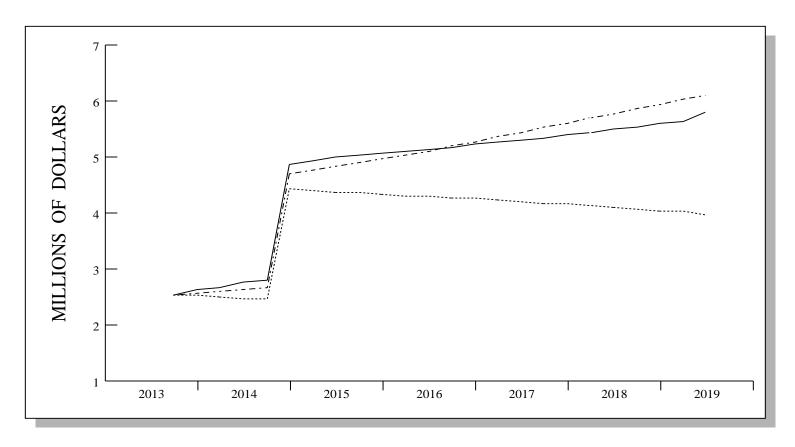
 Market Value 3/2019
 \$ 5,664,899

 Contribs / Withdrawals
 - 55,592

 Income
 48,641

 Capital Gains / Losses
 169,065

 Market Value 6/2019
 \$ 5,827,013

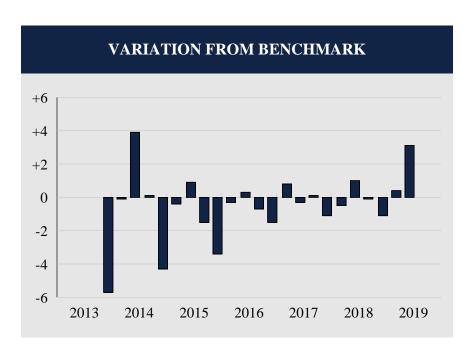


VALUE ASSUMING 8.0% RETURN \$ 6,112,538

	LAST QUARTER	PERIOD 9/13 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,664,899 - 55,592 217,706 \$ 5,827,013	\$ 2,566,276 1,416,794 1,843,943 \$ 5,827,013
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{48,641}{169,065}$ $217,706$	948,991 894,952 1,843,943

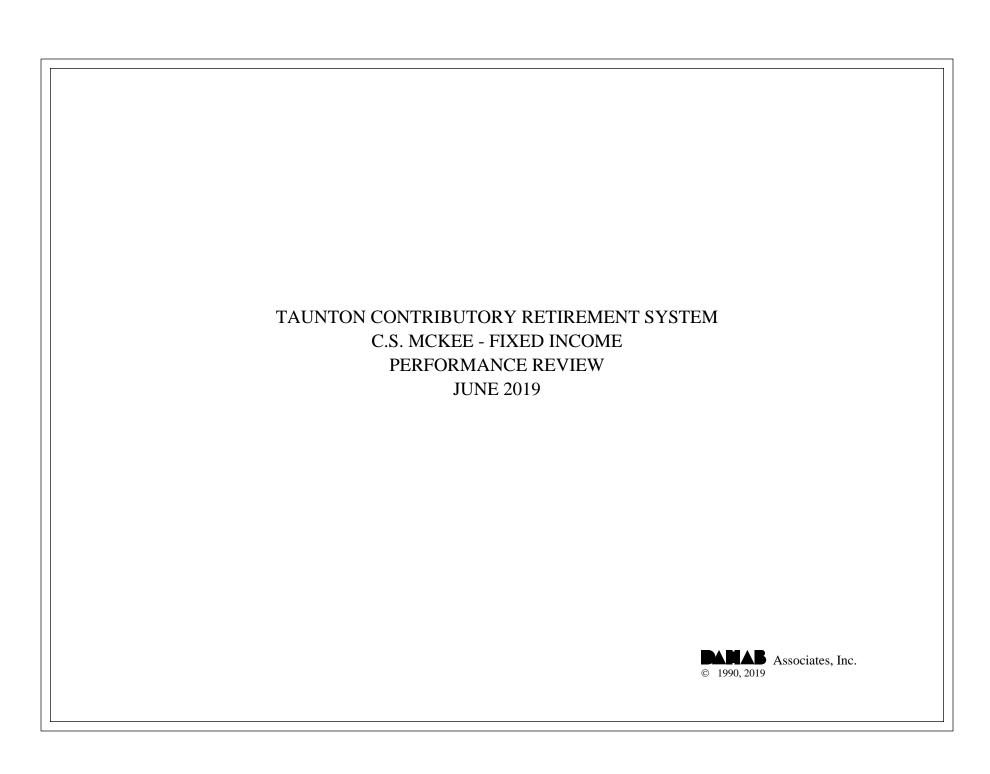
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

## COMPARATIVE BENCHMARK: NCREIF FARMLAND INDEX



<b>Total Quarters Observed</b>	23
Quarters At or Above the Benchmark	9
<b>Quarters Below the Benchmark</b>	14
Batting Average	.391

RATES OF RETURN				
Date	Portfolio	Benchmark	Difference	
12/13	3.6	9.3	-5.7	
3/14	2.3	2.4	-0.1	
6/14	5.6	1.7	3.9	
9/14	1.6	1.5	0.1	
12/14	2.3	6.6	-4.3	
3/15	1.7	2.1	-0.4	
6/15	2.1	1.2	0.9	
9/15	1.0	2.5	-1.5	
12/15	0.9	4.3	-3.4	
3/16	1.1	1.4	-0.3	
6/16	1.6	1.3	0.3	
9/16	0.7	1.4	-0.7	
12/16	1.4	2.9	-1.5	
3/17	1.3	0.5	0.8	
6/17	1.3	1.6	-0.3	
9/17	1.1	1.0	0.1	
12/17	1.8	2.9	-1.1	
3/18	0.8	1.3	-0.5	
6/18	2.1	1.1	1.0	
9/18	1.2	1.3	-0.1	
12/18	1.7	2.8	-1.1	
3/19	1.1	0.7	0.4	
6/19	3.8	0.7	3.1	



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's C.S. McKee Fixed Income portfolio was valued at \$14,392,442, representing an increase of \$416,377 from the March quarter's ending value of \$13,976,065. Last quarter, the Fund posted withdrawals totaling \$10,478, which partially offset the portfolio's net investment return of \$426,855. Income receipts totaling \$114,720 plus net realized and unrealized capital gains of \$312,135 combined to produce the portfolio's net investment return.

### **RELATIVE PERFORMANCE**

For the second quarter, the C.S. McKee Fixed Income portfolio returned 3.1%, which was equal to the Bloomberg Barclays Aggregate Index's return of 3.1% and ranked in the 72nd percentile of the Core Fixed Income universe. Over the trailing year, the portfolio returned 7.8%, which was 0.1% below the benchmark's 7.9% return, ranking in the 81st percentile. Since September 2009, the portfolio returned 3.9% annualized and ranked in the 72nd percentile. The Bloomberg Barclays Aggregate Index returned an annualized 3.6% over the same period.

#### ASSET ALLOCATION

At the end of the second quarter, fixed income comprised 99.7% of the total portfolio (\$14.4 million), while cash & equivalents totaled 0.3% (\$37,265).

### **BOND ANALYSIS**

At the end of the quarter, nearly 50% of the total bond portfolio was comprised of USG quality securities. The remainder of the portfolio consisted of corporate securities, rated AAA through BBB, giving the portfolio an overall average quality rating of AAA-AA. The average maturity of the portfolio was 8.46 years, less than the Bloomberg Barclays Aggregate Index's 8.87-year maturity. The average coupon was 3.34%.

# **EXECUTIVE SUMMARY**

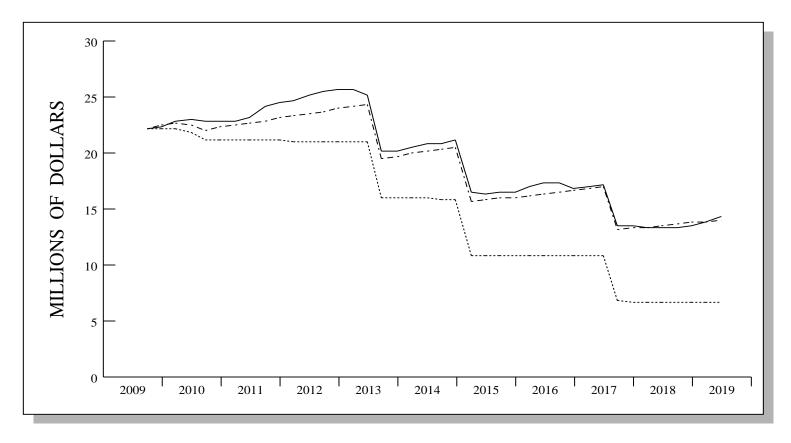
PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/09
Total Portfolio - Gross	3.1	6.4	7.8	2.6	3.2	3.9
CORE FIXED INCOME RANK	(72)	(58)	(81)	(65)	(60)	(72)
Total Portfolio - Net	3.0	6.2	7.5	2.2	2.9	3.7
Aggregate Index	3.1	6.1	7.9	2.3	3.0	3.6
Fixed Income - Gross	3.1	6.5	8.0	2.7	3.3	4.1
CORE FIXED INCOME RANK	(59)	(47)	(67)	(58)	(46)	(61)
Aggregate Index	3.1	6.1	7.9	2.3	3.0	3.6
Gov/Credit	3.5	6.9	8.5	2.4	3.1	3.8

ASSET ALLOCATION				
Fixed Income Cash	99.7% 0.3%	\$ 14,355,177 37,265		
Total Portfolio	100.0%	\$ 14,392,442		

# INVESTMENT RETURN

Market Value 3/2019	\$ 13,976,065
Contribs / Withdrawals	- 10,478
Income	114,720
Capital Gains / Losses	312,135
Market Value 6/2019	\$ 14,392,442

## **INVESTMENT GROWTH**

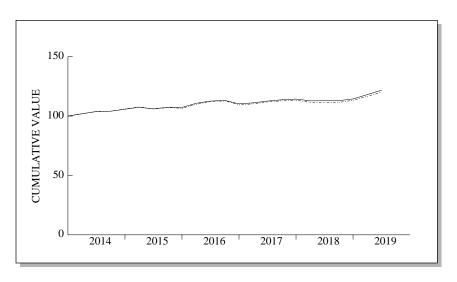


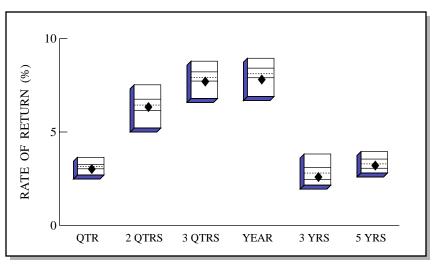
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING
4.0% RETURN \$ 14,092,163

	LAST QUARTER	PERIOD 9/09 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 13,976,065 - 10,478 <u>426,855</u> \$ 14,392,442	\$ 22,310,522 -15,540,092 -7,622,012 \$ 14,392,442
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{114,720}{312,135}$ $\frac{426,855}$	5,149,138 2,472,874 7,622,012

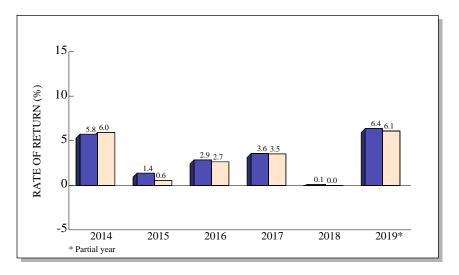
# TOTAL RETURN COMPARISONS





Core Fixed Income Universe



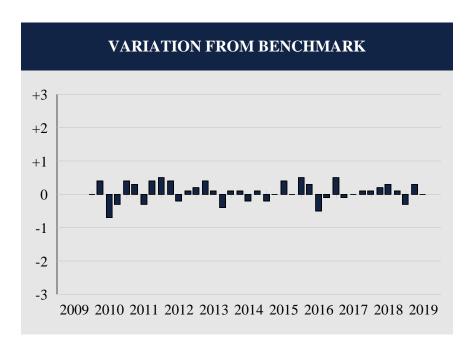


	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	3.1 (72)	6.4 (58)	7.7 (74)	7.8 (81)	2.6 (65)	3.2 (60)
5TH %ILE	3.6 3.3	7.5 6.8	8.8 8.2	9.0 8.4	3.8 3.1	4.0
MEDIAN	3.1	6.4	7.9	8.1	2.8	3.3
75TH %ILE 95TH %ILE	3.0 2.7	6.2 5.2	7.7 6.8	7.9 6.9	2.5 2.2	3.1 2.8
Agg	3.1	6.1	7.8	7.9	2.3	3.0

Core Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

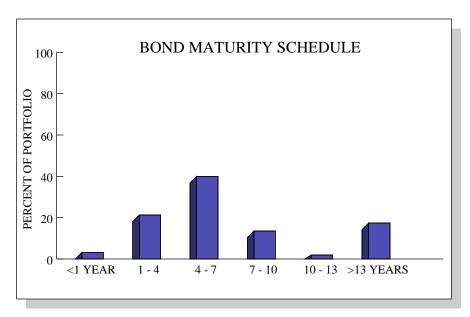
## COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX

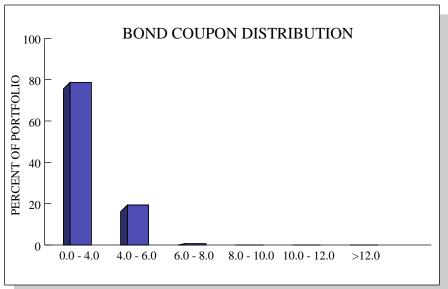


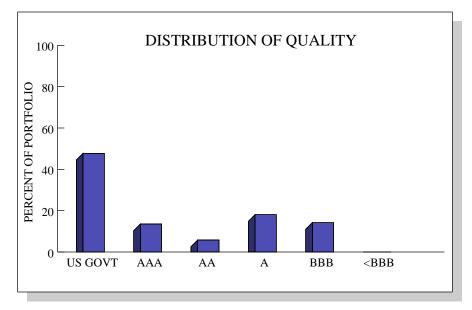
<b>Total Quarters Observed</b>	39
Quarters At or Above the Benchmark	28
<b>Quarters Below the Benchmark</b>	11
Batting Average	.718

	RATES	S OF RETURN	
Date	Portfolio	Benchmark	Difference
12/09	0.2	0.2	0.0
3/10	2.2	1.8	0.4
6/10	2.8	3.5	-0.7
9/10 12/10	2.8 2.2 -0.9	2.5 -1.3	-0.7 -0.3 0.4
3/11	0.7	0.4	0.3
6/11	2.0	2.3	-0.3
9/11	4.2	3.8	0.4
12/11	1.6	1.1	0.5
3/12	0.7	0.3	0.4
6/12	1.9	2.1	-0.2
9/12	1.7	1.6	0.1
12/12	0.4	0.2	0.2
3/13	0.3	-0.1	0.4
6/13	-2.2	-2.3	0.1
9/13	0.2	0.6	-0.4
12/13	0.0	-0.1	0.1
3/14	1.9	1.8	0.1
6/14	1.8	2.0	-0.2
9/14	0.3	0.2	0.1
12/14	1.6	1.8	-0.2
3/15	1.6	1.6	0.0
6/15	-1.3	-1.7	0.4
9/15	1.2	1.2	0.0
12/15	-0.1	-0.6	0.5
3/16	3.3	3.0	0.3
6/16	1.7	2.2	-0.5
9/16	0.4	0.5	-0.1
12/16	-2.5	-3.0	0.5
3/17	0.7	0.8	-0.1
6/17	1.4	1.4	0.0
9/17	0.9	0.8	0.1
12/17	0.5	0.4	0.1
3/18	-1.3	-1.5	0.2
6/18	0.1	-0.2	0.3
9/18	0.1	0.0	0.1
12/18	1.3	1.6	-0.3
3/19	3.2	2.9	0.3
6/19	3.1	3.1	0.0

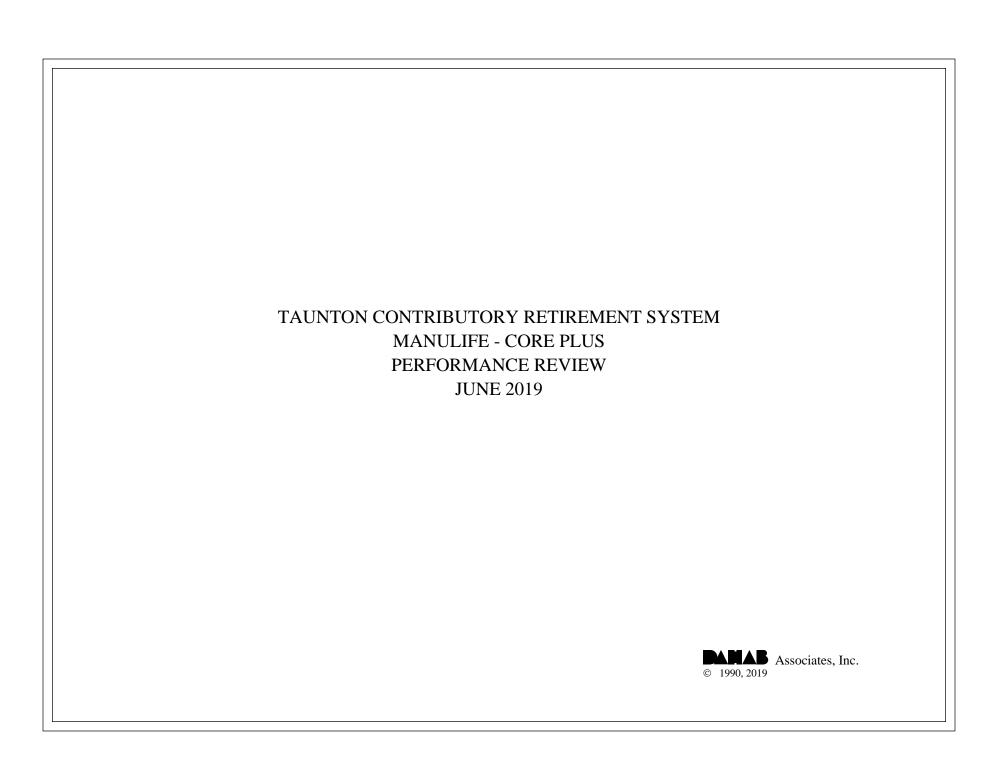
## **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE INI
No. of Securities	208	10,610
Duration	6.11	5.73
YTM	2.62	2.49
Average Coupon	3.34	3.23
Avg Maturity / WAL	8.46	8.87
Average Quality	AAA-AA	USG-AAA



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Manulife Core Plus portfolio was valued at \$17,156,111, representing an increase of \$533,230 from the March quarter's ending value of \$16,622,881. Last quarter, the Fund posted withdrawals totaling \$12,122, which partially offset the portfolio's net investment return of \$545,352. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$545,352.

#### **RELATIVE PERFORMANCE**

During the second quarter, the Manulife Core Plus portfolio returned 3.3%, which was 0.2% above the Bloomberg Barclays Aggregate Index's return of 3.1% and ranked in the 19th percentile of the Core Fixed Income universe. Over the trailing twelve-month period, this portfolio returned 8.7%, which was 0.8% above the benchmark's 7.9% performance, and ranked in the 10th percentile. Since March 2015, the account returned 3.6% per annum and ranked in the 9th percentile. For comparison, the Bloomberg Barclays Aggregate Index returned an annualized 2.6% over the same time frame.

#### **BOND ANALYSIS**

At the end of the quarter, USG rated securities comprised approximately 40% of the bond portfolio, while corporate securities, rated AAA through less than BBB, made up the remainder, giving the portfolio an overall average quality rating of AA. The average maturity of the portfolio was 8.24 years, less than the Bloomberg Barclays Aggregate Index's 8.87-year maturity. The average coupon was 4.06%.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/15
Total Portfolio - Gross	3.3	7.5	8.7	3.7		3.6
CORE FIXED INCOME RANK	(19)	(6)	(10)	(7)		(9)
Total Portfolio - Net	3.2	7.3	8.4	3.5		3.3
Aggregate Index	3.1	6.1	7.9	2.3	3.0	2.6
Fixed Income - Gross	3.3	7.5	8.7	3.7		3.6
CORE FIXED INCOME RANK	(19)	(6)	(10)	(7)		(9)
Aggregate Index	3.1	6.1	7.9	2.3	3.0	2.6
Manulife Custom	3.0	6.9	7.8	3.4	3.3	3.3
High Yield Index	2.5	9.9	7.5	7.5	4.7	5.7

ASSET ALLOCATION			
Fixed Income	100.0%	\$ 17,156,111	
Total Portfolio	100.0%	\$ 17,156,111	

## INVESTMENT RETURN

 Market Value 3/2019
 \$ 16,622,881

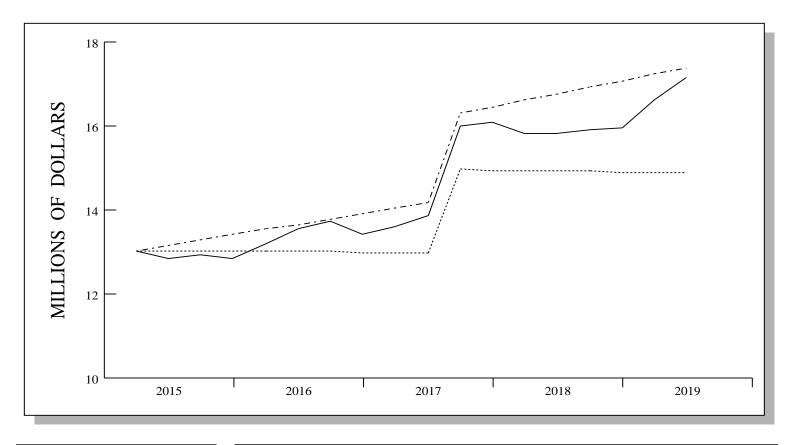
 Contribs / Withdrawals
 -12,122

 Income
 0

 Capital Gains / Losses
 545,352

 Market Value 6/2019
 \$ 17,156,111

# **INVESTMENT GROWTH**

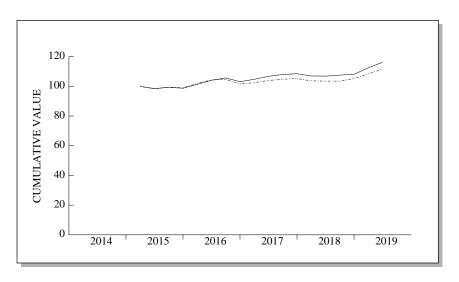


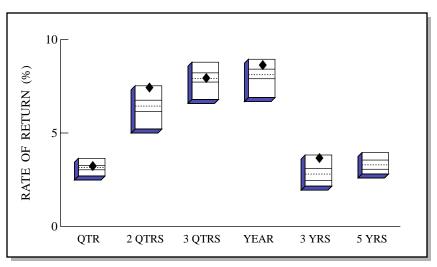
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING 4.0% RETURN \$ 17,407,783

	LAST QUARTER	PERIOD 3/15 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,622,881 -12,122 545,352 \$ 17,156,111	\$ 13,061,184 1,843,530 2,251,397 \$ 17,156,111
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 545,352 \\ \hline 545,352 \end{array} $	$ \begin{array}{c} 0 \\ 2,251,397 \\ \hline 2,251,397 \end{array} $

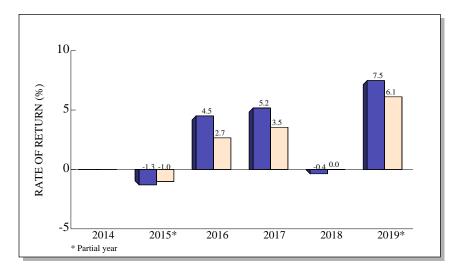
# TOTAL RETURN COMPARISONS





Core Fixed Income Universe

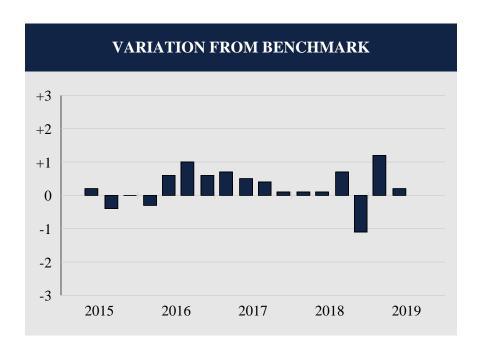




	ANNUALIZI					
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	3.3	7.5	8.0	8.7	3.7	
(RANK)	(19)	(6)	(46)	(10)	(7)	
5TH %ILE	3.6	7.5	8.8	9.0	3.8	4.0
25TH %ILE	3.3	6.8	8.2	8.4	3.1	3.6
MEDIAN	3.1	6.4	7.9	8.1	2.8	3.3
75TH %ILE	3.0	6.2	7.7	7.9	2.5	3.1
95TH %ILE	2.7	5.2	6.8	6.9	2.2	2.8
Agg	3.1	6.1	7.8	7.9	2.3	3.0

Core Fixed Income Universe

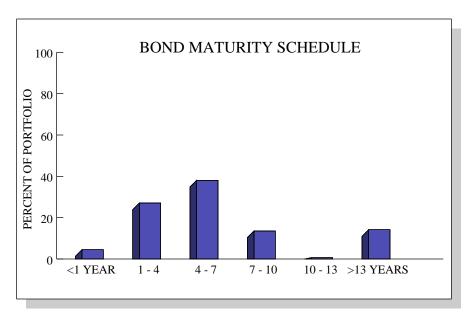
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX

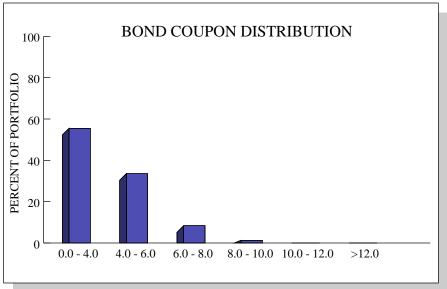


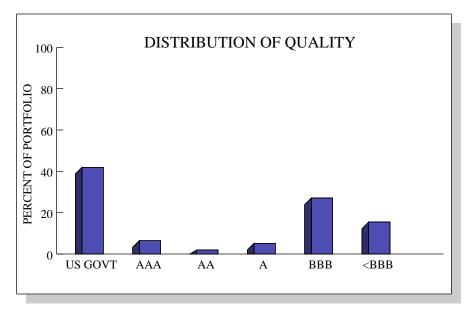
<b>Total Quarters Observed</b>	17
Quarters At or Above the Benchmark	14
<b>Quarters Below the Benchmark</b>	3
Batting Average	.824

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/15	-1.5	-1.7	0.2			
9/15	0.8	1.2	-0.4			
12/15	-0.6	-0.6	0.0			
3/16	2.7	3.0	-0.3			
6/16	2.8	2.2	0.6			
9/16	1.5	0.5	1.0			
12/16	-2.4	-3.0	0.6			
3/17	1.5	0.8	0.7			
6/17	1.9	1.4	0.5			
9/17	1.2	0.8	0.4			
12/17	0.5	0.4	0.1			
3/18	-1.4	-1.5	0.1			
6/18	-0.1	-0.2	0.1			
9/18	0.7	0.0	0.7			
12/18	0.5	1.6	-1.1			
3/19	4.1	2.9	1.2			
6/19	3.3	3.1	0.2			

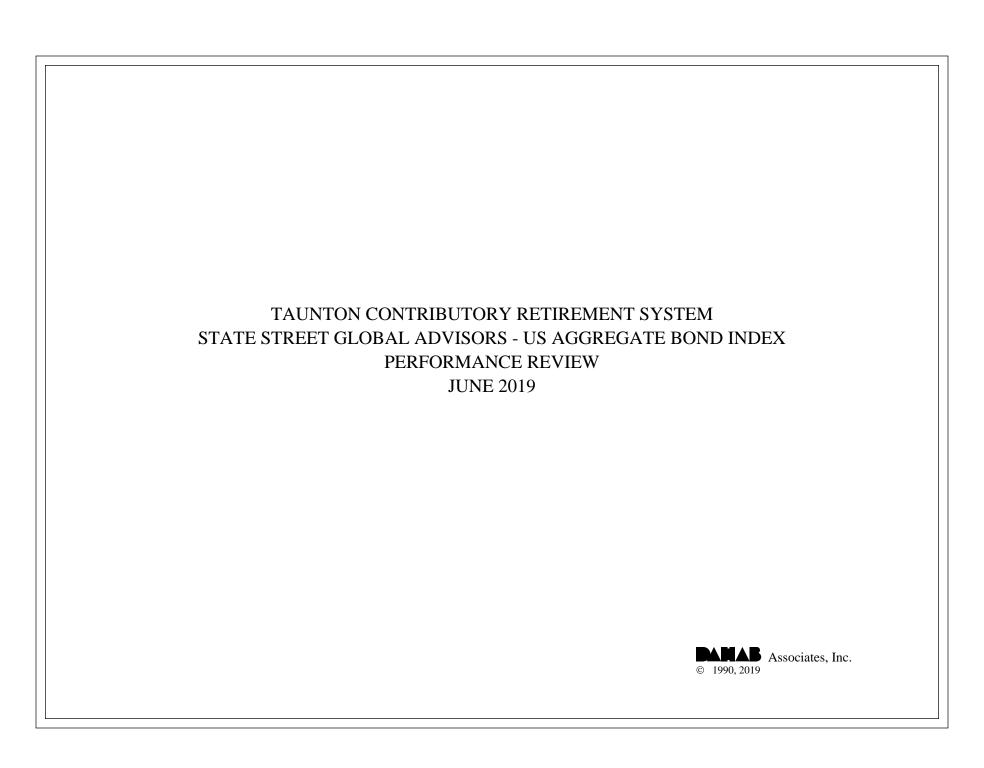
## **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	727	10,610
Duration	5.98	5.73
YTM	3.28	2.49
Average Coupon	4.06	3.23
Avg Maturity / WAL	8.24	8.87
Average Quality	AA	<b>USG-AAA</b>



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors US Aggregate Bond Index portfolio was valued at \$5,936,091, representing an increase of \$177,491 from the March quarter's ending value of \$5,758,600. Last quarter, the Fund posted withdrawals totaling \$569, which partially offset the portfolio's net investment return of \$178,060. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$178,060.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the second quarter, the State Street Global Advisors US Aggregate Bond Index portfolio returned 3.1%, which was equal to the Bloomberg Barclays Aggregate Index's return of 3.1% and ranked in the 62nd percentile of the Core Fixed Income universe. Over the trailing twelve-month period, this portfolio returned 7.9%, which was equal to the benchmark's 7.9% performance, and ranked in the 76th percentile. Since September 2017, the account returned 3.7% per annum and ranked in the 82nd percentile. For comparison, the Bloomberg Barclays Aggregate Index returned an annualized 3.7% over the same time frame.

## **ASSET ALLOCATION**

This account was fully invested in the SSGA U.S. Aggregate Bond Index.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/17	
Total Portfolio - Gross	3.1	6.1	7.9			3.7	
CORE FIXED INCOME RANK	(62)	(78)	(76)			(82)	
Total Portfolio - Net	3.1	6.1	7.8			3.7	
Aggregate Index	3.1	6.1	7.9	2.3	3.0	3.7	
Fixed Income - Gross	3.1	6.1	7.9			3.7	
CORE FIXED INCOME RANK	(62)	(78)	(76)			(82)	
Aggregate Index	3.1	6.1	7.9	2.3	3.0	3.7	

ASSET ALLOCATION						
Fixed Income	100.0%	\$ 5,936,091				
Total Portfolio	100.0%	\$ 5,936,091				

## INVESTMENT RETURN

 Market Value 3/2019
 \$ 5,758,600

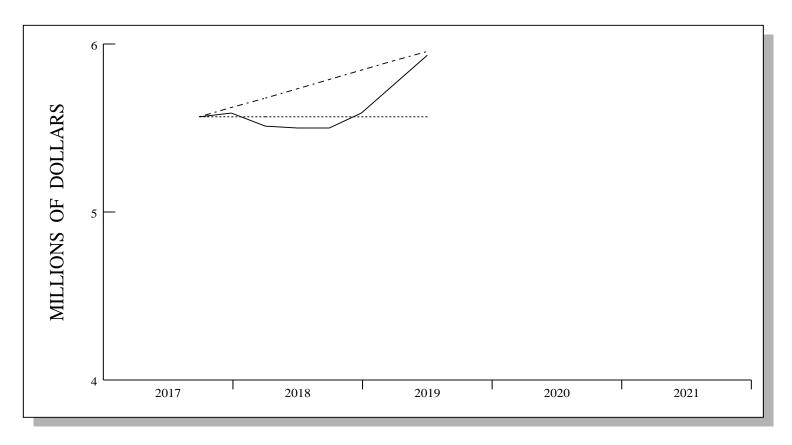
 Contribs / Withdrawals
 -569

 Income
 0

 Capital Gains / Losses
 178,060

 Market Value 6/2019
 \$ 5,936,091

## **INVESTMENT GROWTH**

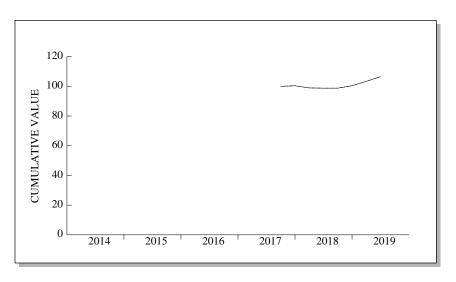


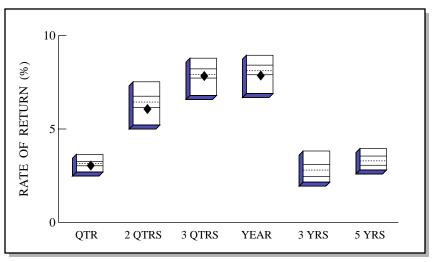
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING
4.0% RETURN \$ 5,965,608

	LAST QUARTER	PERIOD 9/17 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,758,600 -569 178,060 \$ 5,936,091	\$ 5,572,657 - 2,896 366,330 \$ 5,936,091
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{178,060}$ $178,060$	$ \begin{array}{c} 0 \\ 366,330 \\ \hline 366,330 \end{array} $

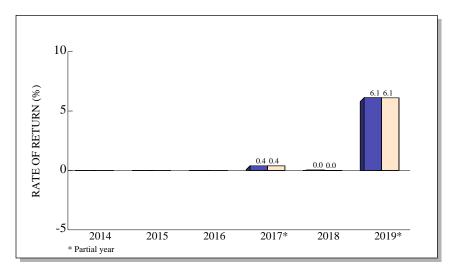
# TOTAL RETURN COMPARISONS





Core Fixed Income Universe



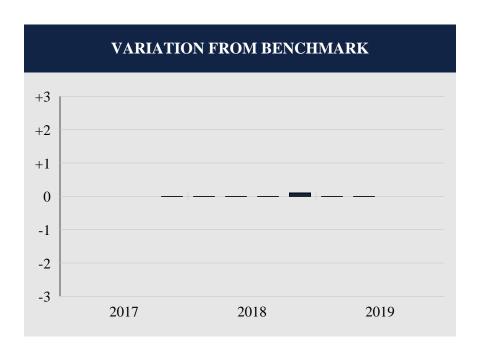


	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN	3.1	6.1	7.9	7.9		
(RANK)	(62)	(78)	(57)	(76)		
5TH %ILE	3.6	7.5	8.8	9.0	3.8	4.0
25TH %ILE	3.3	6.8	8.2	8.4	3.1	3.6
MEDIAN	3.1	6.4	7.9	8.1	8.1 2.8	
75TH %ILE	3.0	6.2	7.7	7.9	2.5	3.1
95TH %ILE	2.7	5.2	6.8	6.9	2.2	2.8
Agg	3.1	6.1	7.8	7.9	2.3	3.0

Core Fixed Income Universe

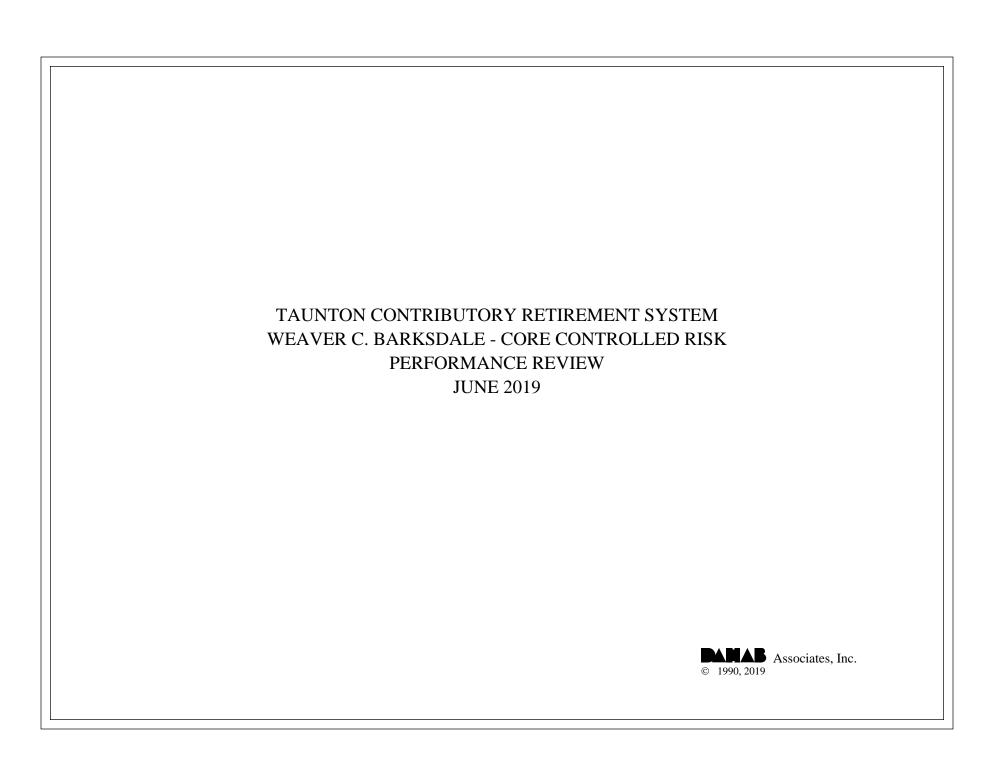
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

## COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX



7
7
0
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RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	0.4	0.4	0.0			
3/18	-1.5	-1.5	0.0			
6/18	-0.2	-0.2	0.0			
9/18	0.0	0.0	0.0			
12/18	1.7	1.6	0.1			
3/19	2.9	2.9	0.0			
6/19	3.1	3.1	0.0			



#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Weaver C. Barksdale Core Controlled Risk portfolio was valued at \$11,743,955, a decrease of \$2,055,541 from the March ending value of \$13,799,496. Last quarter, the account recorded a net withdrawal of \$2,506,854, which overshadowed the fund's net investment return of \$451,313. Income receipts totaling \$129,157 and realized and unrealized capital gains of \$322,156 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the second quarter, the Weaver C. Barksdale Core Controlled Risk portfolio gained 3.6%, which was 0.5% greater than the Bloomberg Barclays Aggregate Index's return of 3.1% and ranked in the 7th percentile of the Core Fixed Income universe. Over the trailing year, the portfolio returned 8.1%, which was 0.2% greater than the benchmark's 7.9% performance, and ranked in the 50th percentile. Since March 2015, the account returned 2.8% per annum and ranked in the 70th percentile. For comparison, the Bloomberg Barclays Aggregate Index returned an annualized 2.6% over the same time frame.

#### ASSET ALLOCATION

At the end of the second quarter, fixed income comprised 90.6% of the total portfolio (\$10.6 million), while cash & equivalents comprised the remaining 9.4% (\$1.1 million).

### **BOND ANALYSIS**

At the end of the quarter, approximately 55% of the total bond portfolio was comprised of USG quality securities. Corporate securities, rated AA through BBB made up the remainder, giving the portfolio an overall average quality rating of AAA-AA. The average maturity of the portfolio was 9.60 years, longer than the Bloomberg Barclays Aggregate Index's 8.87-year maturity. The average coupon was 3.66%.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/15
Total Portfolio - Gross	3.6	6.9	8.1	2.5		2.8
CORE FIXED INCOME RANK	(7)	(13)	(50)	(72)		(70)
Total Portfolio - Net	3.5	6.8	8.0	2.3		2.6
Aggregate Index	3.1	6.1	7.9	2.3	3.0	2.6
Fixed Income - Gross	3.7	7.2	8.6	2.6		2.9
CORE FIXED INCOME RANK	(4)	(9)	(15)	(68)		(62)
Aggregate Index	3.1	6.1	7.9	2.3	3.0	2.6
Gov/Credit	3.5	6.9	8.5	2.4	3.1	2.7

ASSET ALLOCATION					
Fixed Income Cash	90.6% 9.4%	\$ 10,640,913 1,103,042			
Total Portfolio	100.0%	\$ 11,743,955			

## INVESTMENT RETURN

 Market Value 3/2019
 \$ 13,799,496

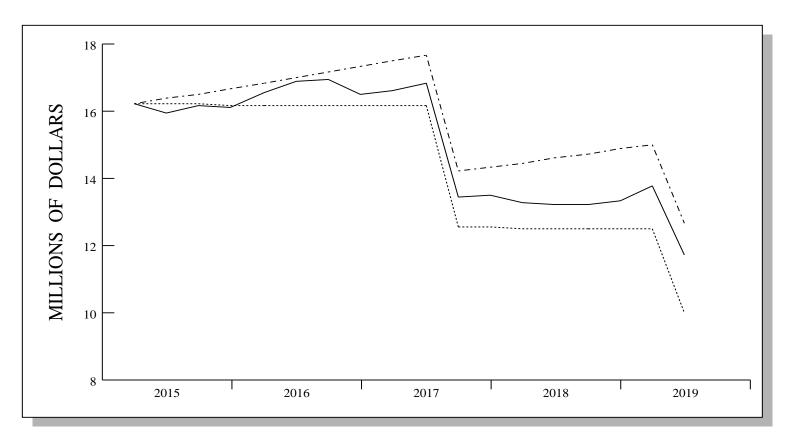
 Contribs / Withdrawals
 -2,506,854

 Income
 129,157

 Capital Gains / Losses
 322,156

 Market Value 6/2019
 \$ 11,743,955

## **INVESTMENT GROWTH**

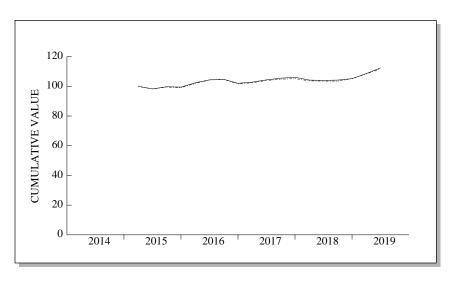


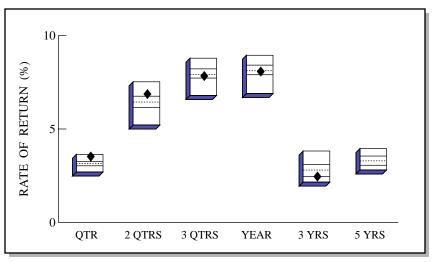
----- ACTUAL RETURN
----- 4.0%
----- 0.0%

VALUE ASSUMING
4.0% RETURN \$ 12,676,363

	LAST QUARTER	PERIOD 3/15 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 13,799,496 -2,506,854 451,313 \$ 11,743,955	\$ 16,237,613 -6,227,269 1,733,611 \$ 11,743,955
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 129,157 \\ 322,156 \\ \hline 451,313 \end{array} $	$ \begin{array}{r} 1,706,253 \\ 27,358 \\ \hline 1,733,611 \end{array} $

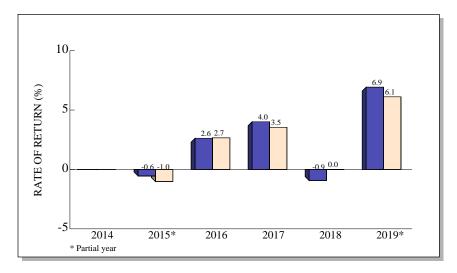
# TOTAL RETURN COMPARISONS





Core Fixed Income Universe





					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	3.6	6.9	7.9	8.1	2.5	
(RANK)	(7)	(13)	(57)	(50)	(72)	
5TH %ILE	3.6	7.5	8.8	9.0	3.8	4.0
25TH %ILE	3.3	6.8	8.2	8.4	3.1	3.6
MEDIAN	3.1	6.4	7.9	8.1	2.8	3.3
75TH %ILE	3.0	6.2	7.7	7.9	2.5	3.1
95TH %ILE	2.7	5.2	6.8	6.9	2.2	2.8
Agg	3.1	6.1	7.8	7.9	2.3	3.0

Core Fixed Income Universe

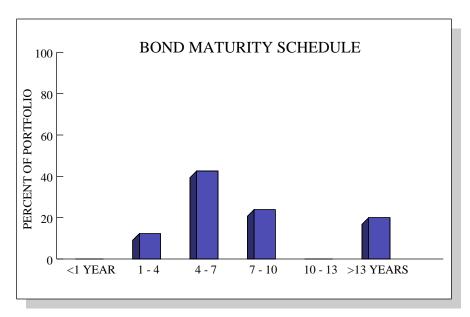
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX

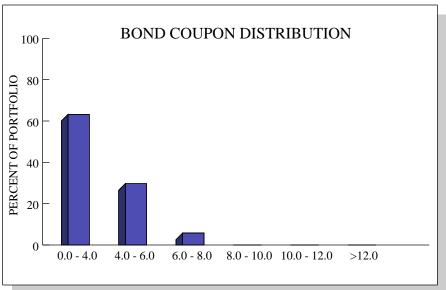


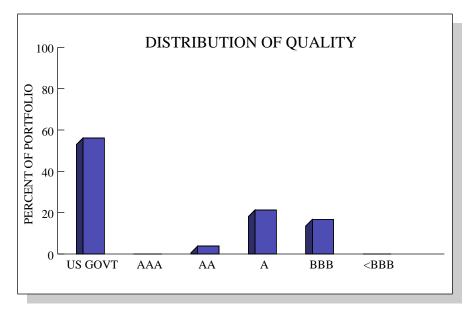
<b>Total Quarters Observed</b>	17
Quarters At or Above the Benchmark	13
Quarters Below the Benchmark	4
<b>Batting Average</b>	.765

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/15	-1.7	-1.7	0.0			
9/15	1.5	1.2	0.3			
12/15	-0.3	-0.6	0.3			
3/16	3.0	3.0	0.0			
6/16	1.9	2.2	-0.3			
9/16	0.3	0.5	-0.2			
12/16	-2.5	-3.0	0.5			
3/17	0.8	0.8	0.0			
6/17	1.5	1.4	0.1			
9/17	1.0	0.8	0.2			
12/17	0.6	0.4	0.2			
3/18	-1.8	-1.5	-0.3			
6/18	-0.2	-0.2	0.0			
9/18	0.2	0.0	0.2			
12/18	0.9	1.6	-0.7			
3/19	3.2	2.9	0.3			
6/19	3.6	3.1	0.5			

## **BOND CHARACTERISTICS**







No. of Securities	86	40 440
	00	10,610
Duration	7.21	5.73
YTM	2.58	2.49
Average Coupon	3.66	3.23
Avg Maturity / WAL	9.60	8.87
Average Quality	AAA-AA	<b>USG-AAA</b>

TAUNTON CONTRIBUTORY RETIREMENT SYSTEM BRANDYWINE GLOBAL INVESMENT MANAGEMENT - INTERNATIONAL OPPORTUNISTIC F.I. PERFORMANCE REVIEW JUNE 2019
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#### **INVESTMENT RETURN**

On June 30th, 2019, the Taunton Contributory Retirement System's Brandywine Global Invesment Management International Opportunistic F.I. portfolio was valued at \$9,000,175, representing an increase of \$204,648 from the March quarter's ending value of \$8,795,527. Last quarter, the Fund posted withdrawals totaling \$9,895, which partially offset the portfolio's net investment return of \$214,543. Since there were no income receipts for the second quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$214,543.

#### RELATIVE PERFORMANCE

During the second quarter, the Brandywine Global Invesment Management International Opportunistic F.I. portfolio returned 2.4%, which was 1.0% below the Bloomberg Barclays Global Government Bond's return of 3.4% and ranked in the 88th percentile of the International Fixed Income universe. Over the trailing twelve-month period, this portfolio returned 2.4%, which was 2.9% below the benchmark's 5.3% performance, and ranked in the 94th percentile. Since September 2013, the account returned 2.1% per annum and ranked in the 67th percentile. For comparison, the Bloomberg Barclays Global Government Bond returned an annualized 1.3% over the same time frame.

#### ASSET ALLOCATION

This account was fully invested into the Brandywine International Opportunistic Fixed income Fund.

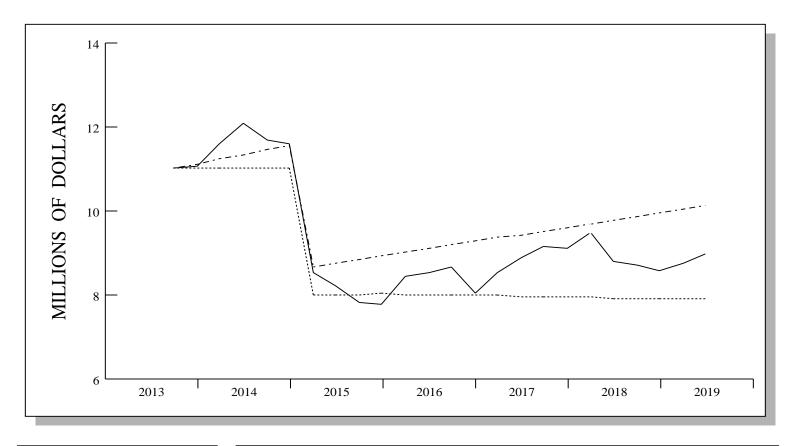
# **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/13
Total Portfolio - Gross	2.4	4.9	2.4	2.3	0.5	2.1
INT'L FIXED INCOME RANK	(88)	(91)	(94)	(87)	(78)	(67)
Total Portfolio - Net	2.3	4.6	2.0	1.8	0.1	1.7
Global Gov Index	3.4	5.1	5.3	0.8	0.7	1.3
Fixed Income - Gross	2.4	4.9	2.4	2.3	0.5	2.1
INT'L FIXED INCOME RANK	(88)	(91)	(94)	(87)	(78)	(67)
Global Gov Index	3.4	5.1	5.3	0.8	0.7	1.3

ASSET ALLOCATION					
Fixed Income	100.0%	\$ 9,000,175			
Total Portfolio	100.0%	\$ 9,000,175			

# INVESTMENT RETURN

## **INVESTMENT GROWTH**

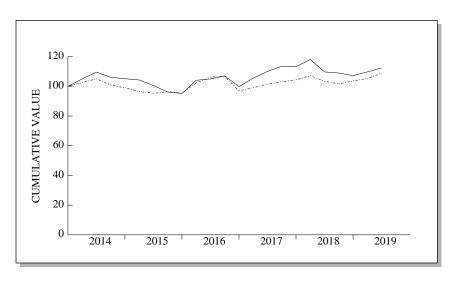


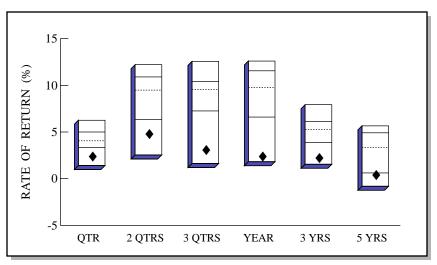
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING
4.0% RETURN \$ 10,150,037

	LAST QUARTER	PERIOD 9/13 - 6/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{r} \$ \ 8,795,527 \\ -9,895 \\ \hline 214,543 \\ \$ \ 9,000,175 \end{array}$	\$ 11,043,715 -3,128,985 <u>1,085,445</u> \$ 9,000,175
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 214,543 \\ \hline 214,543 \end{array} $	1,085,445 1,085,445

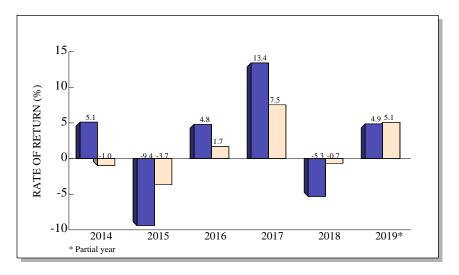
# TOTAL RETURN COMPARISONS





Int'l Fixed Income Universe



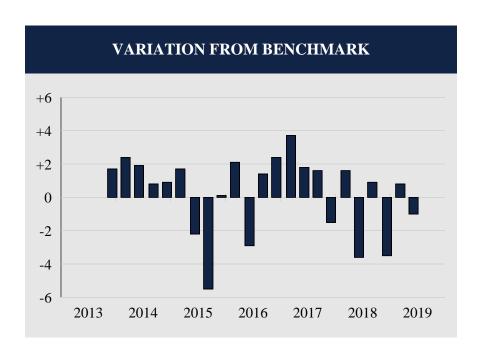


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	2.4	4.9	3.1	2.4	2.3	0.5
(RANK)	(88)	(91)	(91)	(94)	(87)	(78)
5TH %ILE	6.3	12.2	12.6	12.6	7.9	5.7
25TH %ILE	5.0	10.9	10.4	11.6	6.1	4.9
MEDIAN	4.1	9.5	9.5	9.8	5.3	3.4
75TH %ILE	3.4	6.4	7.3	6.6	3.9	0.6
95TH %ILE	1.4	2.5	1.6	1.8	1.5	-0.8
Global Gov	3.4	5.1	7.0	5.3	0.8	0.7

Int'l Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

## COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS GLOBAL GOVERNMENT BOND



23
16
7
.696

RATES OF RETURN			
Date	Portfolio	Benchmark	Difference
12/13	0.5	-1.2	1.7
3/14	4.9	2.5	2.4
6/14	4.4	2.5	1.9
9/14	-3.2	-4.0	0.8
12/14	-0.9	-1.8	0.9
3/15	-0.8	-2.5	1.7
6/15	-3.6	-1.4	-2.2
9/15	-4.3	1.2	-5.5
12/15	-1.0	-1.1	0.1
3/16	9.3	7.2	2.1
6/16	0.9	3.8	-2.9
9/16	1.9	0.5	1.4
12/16	-6.7	-9.1	2.4
3/17	5.8	2.1	3.7
6/17	4.3	2.5	1.8
9/17	3.2	1.6	1.6
12/17	-0.4	1.1	-1.5
3/18	4.3	2.7	1.6
6/18	-7.1	-3.5	-3.6
9/18	-0.7	-1.6	0.9
12/18	-1.6	1.9	-3.5
3/19	2.4	1.6	0.8
6/19	2.4	3.4	-1.0