

# Taunton Contributory Retirement System

Performance Review September 2019

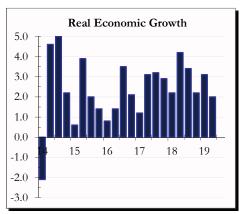




#### **ECONOMIC ENVIRONMENT**

#### **Mixed Reviews**

US economic data was largely stable, though it continues to moderate. While some market forecasters point to the (slightly)



inverted yield curve as indicative of a downturn, most of the well-known leading indicators remain upbeat. The Federal Reserve, however, did lower its benchmark interest rate twice in the quarter, citing weaker global growth and modest inflation.

GDP increased 1.9% in the third quarter, a slight decline from the 2nd quarter's 2.0%

gain. This expected drop can be attributed to the slump in the ISM Manufacturing Index. In September, the index fell from 49.1 to a decade low of 47.8. Some economists attribute this decline partly to a strike at General Motors, which began in mid-September; yet it remains to be seen if this decline was a one-off or a precursor of things to come.

Unemployment remains very low at 3.7% and while wage growth has started to pick up, it is still lower than anticipated. On the other hand, new non-farm jobs came in lower than expected: 130,000 versus the predicted 158,000. Labor force participation stayed at 63.2%. It's noteworthy that women have accounted for most of the new jobs in the labor force during the past few years, while the male labor force participation rate has hovered around 68% during the same period.

In August, the Congressional Budget Office (CBO) updated its projections for federal tax receipts and disbursements during the period of Fiscal Year (FY) 2019 through FY 2029. For FY 2019, the CBO projects a significant deficit of \$960 billion, which is approximately 4.5% of GDP. This deficit compares to the long run average deficit, running at 2.1% of GDP. Making the assumption that

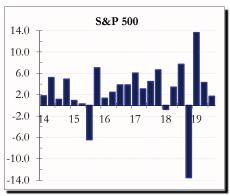
deficits will continue to rise in dollar terms, they should remain fairly stable as a percent of GDP.

The American consumer continues to be a bright spot for the economy. Real personal consumption expenditures rose at a 4.6% annual rate. In addition, real government consumption and gross investment grew robustly at both federal and state levels.

### **DOMESTIC EQUITIES**

### Large Caps Lead the Way

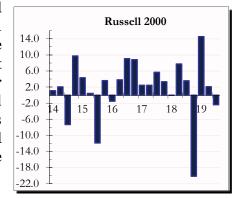
Domestic equity markets ended the quarter slightly up, continuing the uptrend seen year-to-date. However, the positive returns seen at



quarter-end masked the interquarter volatility that was experienced. Most of the gain can be attributed to large capitalization companies, which saw positive returns in line with the broad market. In contrast, small capitalization companies saw declines of nearly twice the magnitude of their large-cap counterparts.

While the energy sector was a huge drag to small-cap performance,

down 22%, the other sectors did not perform much better. 8 of 11 sectors saw losses in the quarter. The three sectors that outperformed (Consumer Staples, Utilities, and Real Estate) are typically seen as "risk-off" sectors and could signal a change to a more defensive posture by investors.

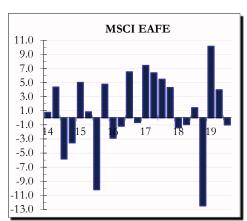


Much ink has been spilled about the death of Value investing, but it saw a resurgence this quarter, especially when moving down the cap spectrum. In the small-cap space the value benchmark beat its counterpart in growth by 360 basis points. Large cap growth names bucked the trend, however, and saw gains that barely beat their value equivalents. Growth has been on an incredible run over the past ten years, and has been led by large cap technology names.

### INTERNATIONAL EQUITIES

#### Concerns on Trade

International stocks faltered slightly in the third quarter. Not only was the MSCI EAFE Index down 1.0%, but declines were



widespread, with losses suffered by 72% of countries represented in the index. Hong Kong stocks declined the most (-11.9%), triggered by the ongoing political protests there. The protests contributed to its weakest economy in nearly a decade. Retail sales declined 23% year-over-year with no end in sight to the demonstrations.

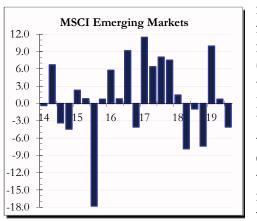
As a result, Fitch downgraded Hong Kong's credit rating, denting the island's reputation for stability and ease of doing business.

Singapore securities also detracted, as US-China trade deliberations weighed on that market. In Europe, Sweden's market was down 4.8% due to a government budget that hinted at smaller-than-expected spending increases.

Belgium enjoyed the largest gains in the index (+3.5%) due to a rebound in fixed investment. Japan was another bright spot (+3.3%). Some commentators attributed this gain to the election win

by the incumbent Liberal Democratic Party -- a win that confirmed the continuation of current fiscal policy. In turn, the steady policy helped return market stability after a rise in Japan's consumption tax. One point of caution regarding Japan's performance is that its year-to-date return has significantly outpaced company earnings. The Netherlands (+2.5%) was another key contributor in stemming European market losses. Retail sales and manufacturing picked up despite elevated inflation. Against this backdrop, the Dutch government unveiled an expansionary 2020 budget.

Emerging Markets (EM) gave up a good portion of year-to-date return during the volatile third quarter. The US-China trade dispute



reduced investors' appetite for risk in the emerging market equity space. China (-3.7%) modestly underperformed the broader EM market (-3.0%) as the US implemented 10% trade tariffs on \$300 billion of Chinese goods. Following this announcement, the renminbi weakened beyond the symbolic seven-per-

dollar threshold. In response, the US Treasury labeled the country a currency manipulator.

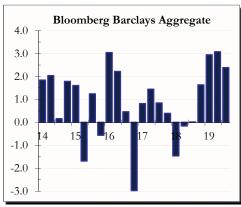
Argentina was by far the weakest performer in the EM Index, as a surprising primary election result triggered a sharp sell-off in equities (-46.8%). US dollar strength continues to move markets that are sensitive to it, notably South Africa and Indonesia. Saudi Arabia and Colombia underperformed due to oil price weakness.

Turkey saw robust gains (+11.7%), as its central bank cut interest rates by an unexpected 7.5%. Taiwan also outperformed (+5.9%), driven by strong performance in technology stocks.

#### **BOND MARKET**

### **Low Yields Get Lower**

Bond markets continue to see positive returns this year. The Bloomberg Barclays Capital Aggregate and the Bloomberg Barclays



Global Aggregate were up 2.4% and 0.7%, respectively in the third quarter. Corporate bonds continue to outperform government bonds. They benefited from a decline in global yields. Higher yielding, less creditworthy bonds continue to do better than their less risky counterparts.

Declines in global yields led to a number of records: Germany issues negative-yielding 30-year bonds for the first time, while US and UK 30-year yields likewise fell to all-time lows. In the US, the yield curve inverted between the 2- and 10-year Treasury yields for the first time since 2006.

The Fed cut interest rates by 25 basis points in both July and September, citing weakening global growth and modest inflation.

Due to the lower yields, corporate bond issuance continue to pick up. The first week in September \$74 billion worth of new investment grade bonds were sold, setting a record for the amount of issuance. Apple and Disney issued noteworthy deals of \$7 billion each.

European government bonds rallied on the European Central Bank's (ECB) rate cut and the resumption of a €20 billion per month bondbuying program. ECB President Mario Draghi said aggressive stimulus measures are necessary to help offset the damaging effects of trade wars and slowing economic growth. Germany in particular, teetered on the edge of recession during the quarter as its auto industry was hit hard by global trade disruptions.

### **CASH EQUIVALENTS**

### **Keeping Pace with CPI**

The three-month T-Bill returned 0.5% for the third quarter and 2.3% for the latest one-year. Treasuries with maturities longer than one-year achieved a latest 12-month return of at least 4%. Future returns for cash equivalents seem dim, with the 30-year Treasury yield sitting near 2%.

### **Economic Statistics**

	Current Quarter	Previous Quarter
GDP	1.9%	2.0%
Unemployment	3.5%	3.7%
CPI All Items Year/Year	1.7%	1.6%
Fed Funds Rate	2.00%	2.50%
<b>Industrial Capacity</b>	77.5%	77.9%
US Dollars per Euro	1.12	1.14

## **Domestic Equity Return Distributions**

### Quarter

	VAL	COR	GRO
LC	1.4	1.4	1.5
MC	1.2	0.5	<b>-0.</b> 7
SC	-0.6	-2.4	-4.2

**Trailing Year** 

	VAL	COR	GRO
LC	4.0	3.9	<b>3.</b> 7
MC	1.6	3.2	5.2
sc	-8.3	-8.9	<b>-9.</b> 7

### **Major Index Returns**

Index	Quarter	12 Months
Russell 3000	1.2%	2.9%
S&P 500	1.7%	4.3%
Russell Midcap	0.5%	3.2%
Russell 2000	-2.4%	-8.9%
MSCI EAFE	-1.0%	-0.8%
MSCI Emg Markets	-4.1%	-1.6%
NCREIF ODCE	1.3%	5.6%
U.S. Aggregate	2.4%	10.4%
90 Day T-bills	0.5%	2.3%

### **Market Summary**

- Domestic equity markets continue their strong run
- Unemployment decreased to 3.5%.
- The US dollar continued to strengthen.
- Value performed equal or better than their growth counterparts across all cap sizes.
- Large cap equities continue to perform better than their smaller competitors.

### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System was valued at \$333,761,982, representing an increase of \$2,500,416 from the June quarter's ending value of \$331,261,566. Last quarter, the Fund posted withdrawals totaling \$1,329,058, which offset the portfolio's net investment return of \$3,829,474. Income receipts totaling \$891,015 plus net realized and unrealized capital gains of \$2,938,459 combined to produce the portfolio's net investment return.

### RELATIVE PERFORMANCE

#### **Total Fund**

For the third quarter, the portfolio returned 1.2%, which was 0.2% above the Taunton Policy Index's return of 1.0% and ranked in the 23rd percentile of the Public Fund universe. Over the trailing year, the portfolio returned 4.4%, which was 0.2% below the benchmark's 4.6% return, ranking in the 47th percentile. Since September 2009, the portfolio returned 9.1% annualized and ranked in the 10th percentile. The Taunton Policy Index returned an annualized 9.3% over the same period.

### **Large Cap Equity**

The large cap equity portion of the portfolio returned 2.0% last quarter; that return was 0.3% greater than the S&P 500 Index's return of 1.7% and ranked in the 30th percentile of the Large Cap universe. Over the trailing twelve-month period, this component returned 6.6%, 2.3% above the benchmark's 4.3% performance, ranking in the 20th percentile. Since September 2009, this component returned 13.5% on an annualized basis and ranked in the 38th percentile. The S&P 500 returned an annualized 13.2% during the same period.

### **Mid Cap Equity**

During the third quarter, the mid cap equity component returned 0.8%, which was 0.3% greater than the Russell Mid Cap's return of 0.5% and ranked in the 40th percentile of the Mid Cap universe. Over the trailing year, the mid cap equity portfolio returned 5.3%, which was 2.1% greater than the benchmark's 3.2% return, and ranked in the 31st percentile. Since September 2009, this component returned 13.0% per annum and ranked in the 58th percentile. The Russell Mid Cap returned an annualized 13.1% over the same time frame.

### **Small Cap Equity**

For the third quarter, the small cap equity segment returned 0.0%, which was 2.4% greater than the Russell 2000 Index's return of -2.4% and ranked in the 25th percentile of the Small Cap universe. Over the trailing twelve-month period, this segment's return was -6.9%, which was 2.0% above the benchmark's -8.9% return, ranking in the 51st percentile. Since September 2009, this component returned 10.9% annualized and ranked in the 87th percentile. The Russell 2000 returned an annualized 11.2% during the same period.

### **International Equity**

The international equity segment returned -1.4% during the third quarter; that return was 0.4% above the Taunton International Index's return of -1.8% and ranked in the 41st percentile of the International Equity universe. Over the trailing twelve months, the international equity portfolio returned -0.7%, 0.5% greater than the benchmark's -1.2% performance, ranking in the 42nd percentile. Since September 2009, this component returned 4.7% annualized and ranked in the 82nd percentile. The Taunton International Index returned an annualized 4.2% during the same time frame.

### **Developed Markets Equity**

During the third quarter, the developed markets equity segment returned -0.3%, which was 1.5% greater than the Taunton International Index's return of -1.8% and ranked in the 20th percentile of the International Equity universe. Over the trailing year, this segment's return was -0.5%, which was 0.7% above the benchmark's -1.2% return, and ranked in the 40th percentile. Since September 2009, this component returned 5.3% annualized and ranked in the 70th percentile. The Taunton International Index returned an annualized 4.2% over the same period.

### **Emerging Markets Equity**

Last quarter, the emerging markets equity component lost 4.5%, which was 0.4% less than the MSCI Emerging Market Index's return of -4.1% and ranked in the 74th percentile of the Emerging Markets universe. Over the trailing twelve-month period, this segment's return was -0.5%, which was 1.1% greater than the benchmark's -1.6% performance, and ranked in the 55th percentile.

#### **Alternate Assets**

In the third quarter, the alternative assets segment returned 0.6%, which was 3.5% below the Russell 3000 (Lagged)'s return of 4.1%. Over the trailing twelve-month period, this component returned 1.0%, which was 8.0% less than the benchmark's 9.0% performance. Since September 2009, this component returned 8.3% on an annualized basis, while the Russell 3000 (Lagged) returned an annualized 14.7% over the same time frame.

#### **Real Assets**

During the third quarter, the real assets component returned 2.7%, which was 0.7% above the Real Asset Index's return of 2.0%. Over the trailing year, this component returned 8.8%, which was 1.6% greater than the benchmark's 7.2% performance. Since September 2009, this component returned 12.0% annualized, while the Real Asset Index returned an annualized 12.0% over the same period.

#### Fixed Income

In the third quarter, the fixed income segment returned 1.9%, which was 1.2% above the Bloomberg Barclays Global Aggregate Index's return of 0.7% and ranked in the 39th percentile of the Broad Market Fixed Income universe. Over the trailing twelve-month period, this segment's return was 9.2%, which was 1.6% greater than the benchmark's 7.6% performance, and ranked in the 37th percentile. Since September 2009, this component returned 3.9% per annum and ranked in the 61st percentile. The Bloomberg Barclays Global Aggregate Index returned an annualized 2.3% over the same time frame.

## **EXECUTIVE SUMMARY**

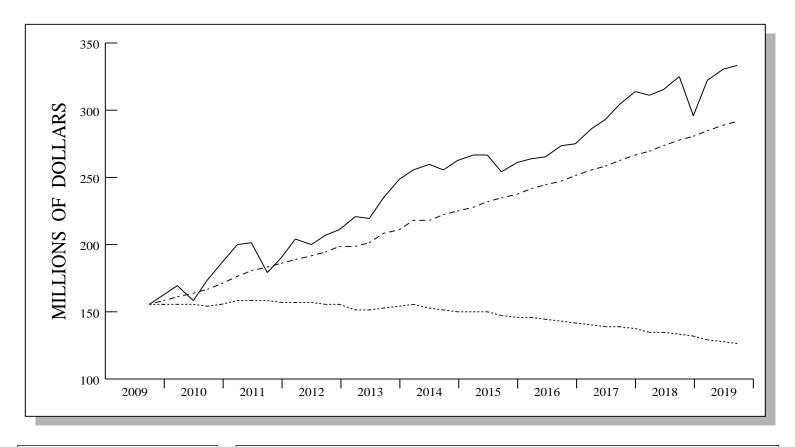
	Quarter	YTD	1 Year	3 Year	5 Year	10 Year
Total Portfolio - Gross	1.2	14.5	4.4	8.8	7.4	9.1
PUBLIC FUND RANK	(23)	(12)	(47)	(15)	(10)	(10)
<b>Fotal Portfolio - Net</b> Policy Index SHADOW INDEX PRIT Fund	1.1	14.1	3.9	8.2	6.8	8.6
	1.0	14.3	4.6	8.9	7.4	9.3
	0.4	12.9	2.8	7.7	6.9	8.7
	1.4	11.5	4.7	8.8	7.5	8.9
Domestic Equity - Gross	1.3	20.3	3.0	12.5	9.7	12.7
DOMESTIC EQUITY RANK	(36)	(39)	(35)	(41)	(47)	(53)
Russell 3000	1.2	20.1	2.9	12.8	10.4	13.1
Large Cap Equity - Gross  LARGE CAP RANK S&P 500	2.0	21.3	6.6	15.7	11.9	13.5
	(30)	(32)	(20)	(18)	(23)	(38)
	1.7	20.6	4.3	13.4	10.8	13.2
Mid Cap Equity - Gross	0.8	24.0	5.3	11.9	9.0	13.0
MID CAP RANK	(40)	(32)	(31)	(48)	(55)	(58)
Russell Mid	0.5	21.9	3.2	10.7	9.1	13.1
Small Cap Equity - Gross	0.0	15.2	-6.9	7.4	6.0	10.9
SMALL CAP RANK	(25)	(58)	(51)	(66)	(87)	(87)
Russell 2000	-2.4	14.2	-8.9	8.2	8.2	11.2
International Equity - Gross INTERNATIONAL EQUITY RANK Intl Index	-1.4	12.4	-0.7	6.3	3.5	4.7
	(41)	(47)	(42)	(53)	(61)	(82)
	-1.8	11.6	-1.2	6.3	2.9	4.2
Developed Markets Equity - Gross	-0.3	14.2	-0.5	6.9	4.3	5.3
INTERNATIONAL EQUITY RANK	(20)	(31)	(40)	(42)	(47)	(70)
Intl Index	-1.8	11.6	-1.2	6.3	2.9	4.2
Emerging Markets Equity - Gross	-4.5	7.5	-0.5	3.6	-0.1	3.7
EMERGING MARKETS RANK	(74)	(57)	(55)	(87)	(95)	
MSCI Emg Mkts	-4.1	6.2	-1.6	6.4	2.7	
Alternative Assets - Gross	0.6	1.7	1.0	5.4	6.5	8.3
Russell 3000 (Lag)	4.1	1.7	9.0	14.0	10.2	14.7
Real Assets - Gross	2.7	7.9	8.8	8.1	9.6	12.0
Real Asset Index	2.0	6.3	7.2	6.6	9.3	12.0
Fixed Income - Gross  BROAD MARKET FIXED RANK  Global Aggregate Aggregate Index	1.9	8.6	9.2	3.2	3.4	3.9
	(39)	(45)	(37)	(58)	(58)	(61)
	0.7	6.3	7.6	1.6	2.0	2.3
	2.3	8.5	10.3	2.9	3.4	3.8

ASSET ALLOCATION						
Large Cap Equity	27.1%	\$ 90,559,293				
Mid Cap Equity	12.5%	41,696,478				
Small Cap	11.2%	37,285,498				
Int'l Developed	10.3%	34,481,781				
<b>Emerging Markets</b>	3.3%	10,997,343				
Alternative	0.7%	2,498,881				
Real Assets	15.4%	51,440,047				
Fixed Income	17.2%	57,556,378				
Cash	2.2%	7,246,283				
Total Portfolio	100.0%	\$ 333,761,982				

# INVESTMENT RETURN

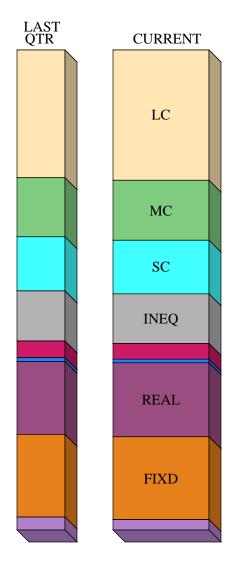
Market Value 6/2019	\$ 331,261,566
Contribs / Withdrawals	- 1,329,058
Income	891,015
Capital Gains / Losses	2,938,459
Market Value 9/2019	\$ 333,761,982

## **INVESTMENT GROWTH**



VALUE ASSUMING 7.75% RETURN \$ 293,028,436

	LAST QUARTER	PERIOD 9/09 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{r} \$\ 331,261,566 \\ -1,329,058 \\ \underline{3,829,474} \\ \$\ 333,761,982 \end{array}$	\$ 156,500,656 - 28,945,482 206,206,808 \$ 333,761,982
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r}   891,015 \\   2,938,459 \\ \hline   3,829,474 \end{array} $	34,135,710 172,071,098 206,206,808



MID CAP EQUITY 41, 696, 478 12.5% 12.0% 10.0% 15.0% SMALL CAP EQUITY 37, 285, 498 11.2% 12.0% 10.0% 15.0% DEVELOPED MARKETS EQUITY 34, 481, 781 10.3% 13.5% 10.0% 15.0% EMERGING MARKETS EQUITY 10, 997, 343 3.3% 4.0% 0.0% 6.0% ALTERNATIVE ASSETS 2, 498, 881 0.7% 0.0% REAL ASSETS 51, 440, 047 15.4% 15.0% 10.0% 20.0% FIXED INCOME 57, 556, 378 17.2% 20.0% 15.0% 30.0%		<u>VALUE</u>	PERCENT	TARGET	MIN	MAX
SMALL CAP EQUITY       37, 285, 498       11.2%       12.0%       10.0%       15.0%         DEVELOPED MARKETS EQUITY       34, 481, 781       10.3%       13.5%       10.0%       15.0%         EMERGING MARKETS EQUITY       10, 997, 343       3.3%       4.0%       0.0%       6.0%         ALTERNATIVE ASSETS       2, 498, 881       0.7%       0.0%           REAL ASSETS       51, 440, 047       15.4%       15.0%       10.0%       20.0%         FIXED INCOME       57, 556, 378       17.2%       20.0%       15.0%       30.0%         CASH & EQUIVALENT       7, 246, 283       2.2%       0.0%	LARGE CAP EQUITY	\$ 90, 559, 293	27.1%	23.5%	15.0%	35.0%
DEVELOPED MARKETS EQUITY 34, 481, 781 10.3% 13.5% 10.0% 15.0%  EMERGING MARKETS EQUITY 10, 997, 343 3.3% 4.0% 0.0% 6.0%  ALTERNATIVE ASSETS 2, 498, 881 0.7% 0.0%  REAL ASSETS 51, 440, 047 15.4% 15.0% 10.0% 20.0%  FIXED INCOME 57, 556, 378 17.2% 20.0% 15.0% 30.0%  CASH & EQUIVALENT 7, 246, 283 2.2% 0.0%	MID CAP EQUITY	41, 696, 478	12.5%	12.0%	10.0%	15.0%
EMERGING MARKETS EQUITY 10, 997, 343 3.3% 4.0% 0.0% 6.0%  ALTERNATIVE ASSETS 2, 498, 881 0.7% 0.0%  REAL ASSETS 51, 440, 047 15.4% 15.0% 10.0% 20.0%  FIXED INCOME 57, 556, 378 17.2% 20.0% 15.0% 30.0%  CASH & EQUIVALENT 7, 246, 283 2.2% 0.0%	SMALL CAP EQUITY	37, 285, 498	11.2%	12.0%	10.0%	15.0%
ALTERNATIVE ASSETS  2, 498, 881  0.7%  0.0%   FIXED INCOME  57, 556, 378  17.2%  20.0%  15.0%  30.0%  CASH & EQUIVALENT  7, 246, 283  2.2%  0.0%	DEVELOPED MARKETS EQUITY	34, 481, 781	10.3%	13.5%	10.0%	15.0%
REAL ASSETS 51, 440, 047 15.4% 15.0% 10.0% 20.0% FIXED INCOME 57, 556, 378 17.2% 20.0% 15.0% 30.0% CASH & EQUIVALENT 7, 246, 283 2.2% 0.0%	EMERGING MARKETS EQUITY	10, 997, 343	3.3%	4.0%	0.0%	6.0%
FIXED INCOME 57, 556, 378 17.2% 20.0% 15.0% 30.0%  CASH & EQUIVALENT 7, 246, 283 2.2% 0.0%	ALTERNATIVE ASSETS	2, 498, 881	0.7%	0.0%		
CASH & EQUIVALENT 7, 246, 283 2.2% 0.0%	REAL ASSETS	51, 440, 047	15.4%	15.0%	10.0%	20.0%
	FIXED INCOME	57, 556, 378	17.2%	20.0%	15.0%	30.0%
TOTAL FUND \$ 333, 761, 982 100.0%	CASH & EQUIVALENT	7, 246, 283	2.2%	0.0%		
	TOTAL FUND	\$ 333, 761, 982	100.0%			

## MANAGER ALLOCATION SUMMARY

Portfolio	Market Value	Percent	Target	Difference (%)	Difference (\$)
State Street Global Advisors (LC)	\$35,526,835	10.6	9.5	1.1	\$3,819,447
Polen Capital Management (LCG)	\$29,745,204	8.9	7.0	1.9	\$6,381,865
Weaver C. Barksdale (LCV)	\$26,944,892	8.1	7.0	1.1	\$3,581,553
State Street Global Advisors (MC)	\$6,670,667	2.0	2.0	0.0	<\$4,573>
Frontier (MCG)	\$17,826,952	5.3	5.0	0.3	\$1,138,853
Wells Capital Management (MCV)	\$17,198,859	5.2	5.0	0.2	\$510,760
State Street Global Advisors (SC)	\$5,545,671	1.7	2.0	-0.3	<\$1,129,569>
Aberdeen Standard Investments (SCC)	\$16,703,948	5.0	5.0	0.0	\$15,849
Quantitative Management Assoicates (SCC)	\$15,035,879	4.5	5.0	-0.5	<\$1,652,220>
State Street Global Advisors (INEQ)	\$6,754,153	2.0	3.5	-1.5	<\$4,927,516>
LMCG Investments (INEQ)	\$5,239,432	1.6	2.0	-0.4	<\$1,435,808>
Vontobel (INEG)	\$13,268,518	4.0	4.0	0.0	<\$81,961>
Systematic (INEV)	\$9,219,678	2.8	4.0	-1.2	<\$4,130,801>
GAM USA Inc. (EMKT)	\$5,833,170	1.7	2.0	-0.3	<\$842,070>
State Street Global Advisors (EMKT)	\$5,164,173	1.5	2.0	-0.5	<\$1,511,067>
PRIT Private Equity (PREQ)	\$213,715	0.1	0.0	0.1	\$213,715
BlackRock (PREQ)	\$2,209,835	0.7	0.0	0.7	\$2,209,835
Invesco (PREQ)	\$75,331	0.0	0.0	0.0	\$75,331
Invesco Equity Real Estate (REIT)	\$7,609,274	2.3	2.0	0.3	\$934,034
Intercontinental (REAL)	\$16,644,989	5.0	4.5	0.5	\$1,625,700
Invesco (REAL)	\$16,587,688	5.0	4.5	0.5	\$1,568,399
Domain Timber Advisors (TIMB)	\$2,482,081	0.7	1.0	-0.3	<\$855,539>
Molpus Woodlands Group (TIMB)	\$2,251,075	0.7	1.0	-0.3	<\$1,086,545>
Ceres Partners (FARM)	\$5,864,940	1.8	2.0	-0.2	<\$810,300>
C.S. McKee (FIXD)	\$14,755,353	4.4	4.5	-0.1	<\$263,936>
Manulife (FIXD)	\$17,585,330	5.3	6.0	-0.7	<\$2,440,389>
State Street Global Advisors (FIXD)	\$6,071,226	1.8	2.0	-0.2	<\$604,014>
Weaver C. Barksdale (FIXD)	\$11,759,994	3.5	4.5	-1.0	<\$3,259,295>
Brandywine Global Invesment Management (INFI)	\$8,774,478	2.6	3.0	-0.4	<\$1,238,381>
Non Managed Cash (CASH)	\$4,198,642	1.3	0.0	1.3	\$4,198,642

## MANAGER PERFORMANCE SUMMARY - GROSS OF FEES

Portfolio	(Universe)	Quarter	1 Year	3 Years	5 Years	10 Years
Composite	(Public Fund)	1.2 (23)	4.4 (47)	8.8 (15)	7.4 (10)	9.1 (10)
Policy Index	a	1.0	4.6	8.9	7.4	9.3
SgA & <i>P 500</i>	(Large Cap)	1.7 (38) 1.7	4.3 (37) 4.3	13.4 (40) 13.4	10.9 (38) 10.8	13.3 (44) 13.2
Polen Capital	(LC Growth)	0.9 (49)	9.7 (13)	20.2 (8)	17.8 (2)	13.2
Russell 1000G	(Ee Growin)	1.5	3.7	16.9	13.4	14.9
Veaver-Barksdale	(LC Value)	3.6 (7)	5.9 (19)			
Russell 1000V	<b>,</b> , , , , , , , , , , , , , , , , , ,	1.4	4.0	9.4	7.8	11.5
SGA Midcap	(Mid Cap)	-0.1 (58)	-2.5 (78)			
&P 400		-0.1	-2.5	9.4	8.9	12.6
rontier	(MC Growth)	-0.7 (49)	5.1 (49)	13.8 (61)		
Puss Mid Gro		-0.7	5.2	14.5	11.1	14.1
Vells Capital	(MC Value)	2.8 (18)	8.8 (8)	10.1 (36)		
Russ Mid Val		1.2	1.6	7.8	7.5	12.3
SGA Russell 2000	(Small Cap)	-2.4 (64)	-8.9 (67)			
Russell 2000	(a. 11.a.)	-2.4	-8.9	8.2	8.2	11.2
Aberdeen	(Small Cap)	1.5 (12)	-2.4 (22)			
QMA Russell 2000	(Small Cap)	-0.6 (37) -2.4	-10.7 (80) -8.9	8.2	8.2	11.2
SGA EAFE	(Intl Eq)	-1.0 (32)	-1.0 (46)	0.2	0.2	11,2
ISCI EAFE Net	(mu Eq)	-1.0 (32) -1.1	-1.3	6.5	3.3	4.9
MCG	(Intl Eq SC)	-1.4 (40)	-6.7 (51)			4.9
AFE SC Net	(IIII Eq SC)	-0.4	-5.9	5.9	6.0	7.5
Vontobel	(Intl Eq Gro)	1.2 (1)	7.3 (8)	8.9 (38)	6.7 (29)	715
CAFE Growth Net	(1111 24 010)	-0.4	2.2	7.8	5.5	6.5
ystematic	(Intl Eq Val)	-1.4 (44)	-6.3 (80)			
EAFE Value Net	<u> </u>	-1.7	-4.9	5.1	1.0	3.2
GAM	(Emerging Mkt)	-4.8 (80)	0.8 (45)			
SGA EMGM Mkts	(Emerging Mkt)	-4.2 (66)	-2.0 (72)			
ISCI EM Net		-4.2	-2.0	6.0	2.3	3.4
RIT VY 2019		2.7				
Cambridge PE		0.0	9.5	15.1	12.0	14.4
BlackRock		0.4	7.4	7.9	6.7	10.1
rvesco Fund IV		-0.1	-17.2	1.3	3.2	9.8
ussell 3000 (Lag)		4.1 7.5	9.0 21.2	9.3	10.2 10.9	14.7 13.3
nvesco Equity RE		7.5 7.7	20.7	9.0	10.9 11.1	13.6
ntercon US REIF		2.5	8.3	10.5	11.7	13.0
nvesco Core		2.0	6.5	8.1	9.9	10.6
CREIF ODCE		1.3	5.6	7.3	9.3	10.9
Oomain		-0.8	2.3	3.0	2.1	
Iolpus Fund III		1.5	2.9	2.8	4.4	
CREIF Timber		0.2	2.1	3.1	4.4	4.0
eres Farms		1.1	7.9	6.3	6.1	
CREIF Farmland		1.0	5.3	6.1	7.9	11.0
S McKee	(Core Fixed)	2.6 (8)	10.5 (43)	3.4 (50)	3.7 (51)	4.1 (69)
<b>I</b> anulife	(Core Fixed)	2.6 (8)	10.8 (31)	4.1 (8)		
SGA U.S. Agg. Bond	(Core Fixed)	2.3 (66)	10.3 (66)			
Veaver C. Barksdale	(Core Fixed)	2.5 (13)	10.6 (42)	3.3 (60)		
ggregate Index		2.3	10.3	2.9	3.4	3.8
randywine	(Intl Fx)	-2.4 (90)	0.7 (96)	0.8 (93)	0.7 (86)	
Global Gov Index		0.6	7.6	0.9	1.7	1.7

## MANAGER VALUE ADDED

Portfolio	Benchmark	1 Quarter	1 Year	3 Years	5 Years
Domestic Equity	Russell 3000	0.0	0.0	<b> </b> -0.3	-0.8
SSgA	S&P 500	0.0	0.0	0.0	0.1
Polen Capital	Russell 1000G	-0.6	6.0	3.3	4.4
Weaver-Barksdale	Russell 1000V	2.2	1.9	N/A	N/A
SSGA Midcap	S&P 400	0.0	0.0	N/A	N/A
Frontier	Russ Mid Gro	0.0	-0.1	<b>I</b> -0.7	N/A
Wells Capital	Russ Mid Val	1.6	7.2	2.3	N/A
SSGA Russell 2000	Russell 2000	0.0	0.0	N/A	N/A
Aberdeen	Russell 2000	3.9	6.5	N/A	N/A
QMA	Russell 2000	1.8	<b>1.8</b>	N/A	N/A
SSGA EAFE	MSCI EAFE Net	0.1	0.3	N/A	N/A
LMCG	EAFE SC Net	-1.0	-0.8	N/A	N/A
Vontobel	EAFE Growth Net	1.6	5.1	1.1	1.2
Systematic	EAFE Value Net	0.3	-1.4	N/A	N/A
GAM	MSCI EM Net	-0.6	2.8	N/A	N/A
SSGA EMGM Mkts	MSCI EM Net	0.0	0.0	N/A	N/A
PRIT VY 2019	Cambridge PE	2.7	N/A	N/A	N/A
BlackRock	Russell 3000 (Lag)	-3.7	-1.6	-6.1	-3.5
nvesco Fund IV	Russell 3000 (Lag)	-4.2	-26.2	-12.7	-7.0
nvesco Equity RE	NAREIT	-0.2	0.5	0.3	-0.2
intercon US REIF	NCREIF ODCE	1.2	2.7	3.2	2.4
nvesco Core	NCREIF ODCE	0.7	0.9	0.8	0.6
Oomain	NCREIF Timber	-1.0	0.2	-0.1	-2.3
Molpus Fund III	NCREIF Timber	1.3	0.8	-0.3	0.0
Ceres Farms	NCREIF Farmland	0.1	2.6	0.2	-1.8
CS McKee	Aggregate Index	0.3	0.2	0.5	0.3
Manulife	Aggregate Index	0.3	0.5	1.2	N/A
SSGA U.S. Agg. Bond	Aggregate Index	0.0	0.0	N/A	N/A
Weaver C. Barksdale	Aggregate Index	0.2	0.3	0.4	N/A
Brandywine	Global Gov Index	-3.0	-6.9	-0.1	-1.0

# INVESTMENT RETURN SUMMARY - ONE QUARTER

Name	Quarter	Market Value	Net	Net	Market Value
1	Total Return	Prior Quarter	Cashflow	<b>Investment Return</b>	Current Quarter
SSgA (LC)	1.7	34,934,820	<2,561>	594,576	35,526,835
Polen Capital (LCG)	0.9	29,518,085	<37,197>	264,316	29,745,204
Weaver-Barksdale (LCV)	3.6	26,030,627	<16,269>	930,534	26,944,892
SSGA Midcap (MC)	-0.1	6,677,912	<817>	<6,428>	6,670,667
Frontier (MCG)	-0.7	17,991,675	0	<164,723>	17,826,952
Wells Capital (MCV)	2.8	16,782,518	<28,660>	445,001	17,198,859
SSGA Russell 2000 (SC)	-2.4	5,682,016	<698>	<135,647>	5,545,671
Aberdeen (SCC)	1.5	16,478,592	<20,829>	246,185	16,703,948
QMA (SCC)	-0.6	15,150,744	<20,625>	<94,240>	15,035,879
SSGA EAFE (INEQ)	-1.0	6,824,098	<1,001>	<68,944>	6,754,153
LMCG (INEQ)	-1.4	5,325,246	0	<85,814>	5,239,432
Vontobel (INEG)	1.2	13,138,378	<22,885>	153,025	13,268,518
Systematic (INEV)	-1.4	9,346,904	0	<127,226>	9,219,678
GAM (EMKT)	-4.8	6,134,940	0	<301,770>	5,833,170
SSGA EMGM Mkts (EMKT		5,394,751	<1,706>	<228,872>	5,164,173
PRIT VY 2019 (PREQ)	2.7	100,942	107,429	5,344	213,715
BlackRock (PREQ)	0.4	2,377,820	<177,717>	9,732	2,209,835
Invesco Fund IV (PREQ)	-0.1	75,369	0	<38>	75,331
Invesco Equity RE (REIT)	7.5	7,092,680	<13,623>	530,217	7,609,274
Intercon US REIF (REAL)	2.5	16,270,638	<32,569>	406,920	16,644,989
Invesco Core (REAL)	2.0	16,298,579	<41,728>	330,837	16,587,688
Domain (TIMB)	-0.8	2,627,112	<123,866>	<21,165>	2,482,081
Molpus Fund III (TIMB)	1.5	2,224,229	0	26,846	2,251,075
Ceres Farms (FARM)	1.1	5,827,013	<24,205>	62,132	5,864,940
CS McKee (FIXD)	2.6	14,392,442	<10,798>	373,709	14,755,353
Manulife (FIXD)	2.6	17,156,111	<12,644>	441,863	17,585,330
SSGA U.S. Agg. Bond (FIXI		5,936,091	<585>	135,720	6,071,226
Weaver C. Barksdale (FIXD)	,	11,743,955	<306,917>	322,956	11,759,994
Brandywine (INFI)	-2.4	9,000,175	<10,125>	<215,572>	8,774,478
Cash (CASH)		4,727,104	<528,462>	0	4,198,642
Total Portfolio	1.2	331,261,566	<1,329,058>	3,829,474	333,761,982

## MANAGER RISK STATISTICS SUMMARY - THREE YEAR HISTORY

Manager	Benchmark	Alpha	Batting Average	Sharpe Ratio	Information Ratio	Up Capture	Down Capture
Composite	Policy Index	-0.25	.583	0.92	-0.11	99.4	100.1
Domestic Equity	Russell 3000	-0.41	.417	0.93	-0.35	98.4	100.9
SSgA	S&P 500	0.02	1.000	1.04	0.75	100.1	99.9
Polen Capital	Russell 1000G	4.67	.667	1.43	0.83	107.7	78.7
Int'l Equity	Intl Index	-0.48	.583	0.44	0.05	109.2	114.9
Frontier	Russ Mid Gro	-0.55	.417	0.87	-0.31	94.5	95.1
Wells Capital	Russ Mid Val	2.42	.667	0.73	0.87	112.8	92.0
Vontobel	EAFE Growth Net	1.13	.667	0.61	0.37	106.7	97.5
BlackRock	Russell 3000 (Lag)	6.91	.250	1.45	-0.56	31.6	
Invesco Fund IV	Russell 3000 (Lag)	1.84	.250	0.04	-0.79	4.1	
Invesco Equity RE	NAREIT	0.59	.583	0.70	0.18	99.1	93.7
Intercon US REIF	NCREIF ODCE	-1.43	.833	4.17	1.73	143.9	
Invesco Core	NCREIF ODCE	0.95	.750	6.54	1.13	111.0	
Domain	NCREIF Timber	0.33	.417	0.51	-0.01	97.6	
Molpus Fund III	NCREIF Timber	5.82	.500	0.61	-0.12	90.0	
Ceres Farms	NCREIF Farmland	6.53	.500	3.04	0.08	103.3	
Fixed Income	Global Aggregate	2.23	.417	0.46	0.52	86.2	40.5
CS McKee	Aggregate Index	0.58	.833	0.57	0.99	102.6	80.8
Manulife	Aggregate Index	1.19	.917	0.73	1.10	120.3	83.5
Weaver C. Barksdale	Aggregate Index	0.30	.833	0.50	0.50	107.1	98.9
Brandywine	Global Gov Index	0.10	.583	-0.05	0.02	101.0	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	-0.13	.550	0.93	-0.11	97.6	95.4
Domestic Equity	Russell 3000	-0.90	.350	0.83	-0.54	95.7	102.6
SSgA	S&P 500	0.04	1.000	0.98	1.06	100.1	99.8
Polen Capital	Russell 1000G	5.96	.650	1.48	0.91	111.3	57.4
Int'l Equity	Intl Index	0.64	.700	0.28	0.25	105.5	99.0
Vontobel	EAFE Growth Net	1.93	.550	0.57	0.26	91.2	71.2
BlackRock	Russell 3000 (Lag)	5.71	.350	1.33	-0.38	39.9	
Invesco Fund IV	Russell 3000 (Lag)	2.45	.350	0.28	-0.52	23.6	11.3
Invesco Equity RE	NAREIT	0.34	.550	0.88	-0.13	96.5	93.6
Intercon US REIF	NCREIF ODCE	4.22	.700	3.93	0.99	125.8	
Invesco Core	NCREIF ODCE	1.04	.600	4.66	0.44	105.6	
Domain	NCREIF Timber	1.50	.300	0.44	-0.71	45.6	
Molpus Fund III	NCREIF Timber	0.36	.600	1.12	0.03	99.9	16.9
Ceres Farms	NCREIF Farmland	5.77	.400	3.65	-0.61	77.0	
Fixed Income	Global Aggregate	2.31	.450	0.72	0.44	79.0	25.3
CS McKee	Aggregate Index	0.59	.750	0.93	0.65	99.2	75.0
Brandywine	Global Gov Index	-0.82	.600	0.00	-0.18	82.4	99.2

## MANAGER RISK STATISTICS SUMMARY - TEN YEAR HISTORY

Manager	Benchmark	Alpha	Batting Average	Sharpe Ratio	Information Ratio	Up Capture	Down Capture
Composite	Policy Index	-0.81	.575	1.04	-0.15	101.0	109.0
Domestic Equity	Russell 3000	-0.89	.475	0.96	-0.04	101.3	106.6
SSgA	S&P 500	0.02	.925	1.08	0.12	100.2	100.1
Int'l Equity	Intl Index	0.49	.600	0.37	0.22	104.7	100.9
BlackRock	Russell 3000 (Lag)	6.68	.350	1.87	-0.48	46.8	
Invesco Fund IV	Russell 3000 (Lag)	6.75	.400	0.93	-0.37	42.1	
Invesco Equity RE	NAREIT	0.10	.575	1.05	-0.24	96.2	94.6
Invesco Core	NCREIF ODCE	-1.34	.500	2.85	-0.13	98.5	120.0
Fixed Income	Global Aggregate	2.80	.575	1.04	0.43	79.5	9.2
CS McKee	Aggregate Index	0.65	.725	1.26	0.61	100.8	73.5

# MANAGER FEE SUMMARY - ONE QUARTER

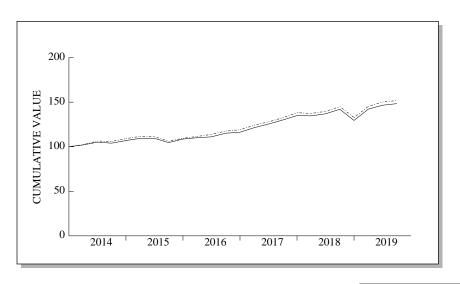
## ALL FEES ARE ESTIMATED / ACCRUED

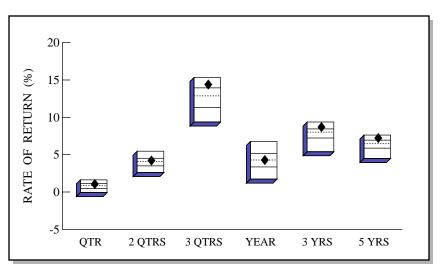
PORTFOLIO	MARKET VALUE	GROSS RETURN	FEE	FEE %	NET RETURN	ANNUAL FEE %
SSgA (LC)	\$35,526,835	1.7	\$4,386	0.01	1.7	0.05
Polen Capital (LCG)	\$29,745,204	0.9	\$37,258	0.13	0.8	0.51
Weaver-Barksdale (LCV)	\$26,944,892	3.6	\$16,277	0.06	3.5	0.25
SSGA Midcap (MC)	\$6,670,667	-0.1	\$830	0.01	-0.1	0.05
Frontier (MCG)	\$17,826,952	-0.7	\$33,735	0.19	-0.9	0.75
Wells Capital (MCV)	\$17,198,859	2.8	\$24,736	0.14	2.7	0.53
SSGA Russell 2000 (SC)	\$5,545,671	-2.4	\$701	0.01	-2.4	0.05
Aberdeen (SCC)	\$16,703,948	1.5	\$20,669	0.13	1.4	0.50
QMA (SCC)	\$15,035,879	-0.6	\$20,832	0.14	-0.8	0.55
SSGA EAFE (INEQ)	\$6,754,153	-1.0	\$838	0.01	-1.0	0.05
LMCG (INEQ)	\$5,239,432	-1.4	\$11,043	0.21	-1.6	0.85
Vontobel (INEG)	\$13,268,518	1.2	\$21,451	0.16	1.0	0.65
Systematic (INEV)	\$9,219,678	-1.4	\$13,672	0.15	-1.5	0.60
GAM (EMKT)	\$5,833,170	-4.8	\$7,475	0.12	-4.9	0.50
SSGA EMGM Mkts (EMKT)	\$5,164,173	-4.2	\$658	0.01	-4.3	0.05
PRIT VY 2019 (PREQ)	\$213,715	2.7	\$681	0.34	2.4	1.37
BlackRock (PREQ)	\$2,209,835	0.4	\$6,717	0.28	0.1	1.00
Invesco Equity RE (REIT)	\$7,609,274	7.5	\$13,623	0.19	7.3	0.75
Intercon US REIF (REAL)	\$16,644,989	2.5	\$33,261	0.20	2.3	0.82
Invesco Core (REAL)	\$16,587,688	2.0	\$41,834	0.26	1.8	1.00
Domain (TIMB)	\$2,482,081	-0.8	\$6,511	0.25	-1.1	1.00
Molpus Fund III (TIMB)	\$2,251,075	1.5	\$5,577	0.25	1.2	1.01
Ceres Farms (FARM)	\$5,864,940	1.1	\$24,205	0.42	0.7	1.67
CS McKee (FIXD)	\$14,755,353	2.6	\$10,794	0.08	2.5	0.30
Manulife (FIXD)	\$17,585,330	2.6	\$13,004	0.08	2.5	0.30
SSGA U.S. Agg. Bond (FIXD)	\$6,071,226	2.3	\$749	0.01	2.3	0.05
Weaver C. Barksdale (FIXD)	\$11,759,994	2.5	\$5,942	0.06	2.4	0.20
Brandywine (INFI)	\$8,774,478	-2.4	\$9,988	0.11	-2.5	0.45
Cash (CASH)	\$4,198,642		\$0	0.00		0.00
Total Portfolio	\$333,761,982	1.2	\$387,447	0.12	1.1	0.47

### MANAGER FEE SCHEDULES

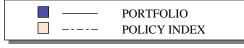
Portfolio	Fee Schedule
SSGA	5 bps per annum
Polen Capital	50 bps per annum
Weaver-Barskdale LCV	25 bps per annum
SSGA Midcap	5 bps per annum
Frontier	75 bps per annum
Wells Capital	53 bps per annum
SSGA Russell 2000	5 bps per annum
Aberdeen Small cap	50 bps per annum
QMA	55 bps on first \$50mm and 50 bps on balance
SSGA MSCI EAFE	5 bps per annum
LMCG Int'l	85 bps per annum
Vontobel	65 bps per annum
Systematic	60 bps per annum
GAM	50 bps per annum
SSGA Emerging	5 bps per annum
PRIT VY 2019	N/A (Taken from 2018 CAFR)
Blackrock	100 bps on first 25mm, 80 bps on balance
Invesco Real Estate	75 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: 100 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	30 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

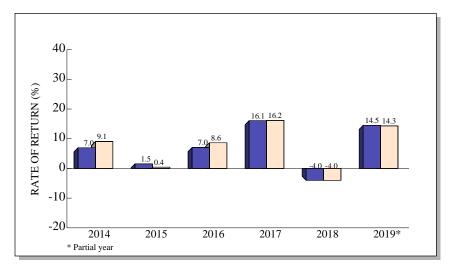
## TOTAL RETURN COMPARISONS





Public Fund Universe



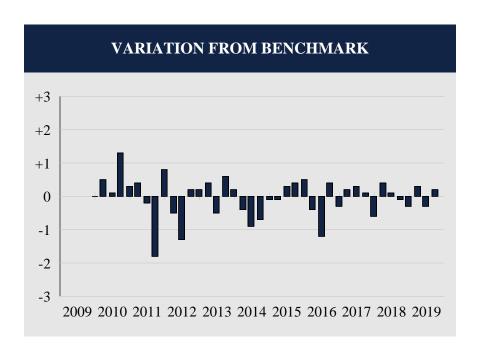


					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	1.2	4.3	14.5	4.4	8.8	7.4
(RANK)	(23)	(37)	(12)	(47)	(15)	(10)
5TH %ILE	1.6	5.5	15.3	6.8	9.4	7.6
25TH %ILE	1.1	4.5	13.9	5.2	8.4	7.0
MEDIAN	0.8	4.1	12.9	4.3	8.0	6.5
75TH %ILE	0.4	3.5	11.3	3.4	7.2	5.9
95TH %ILE	-0.1	2.6	9.4	1.7	5.4	4.5
Policy Idx	1.0	4.4	14.3	4.6	8.9	7.4

Public Fund Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

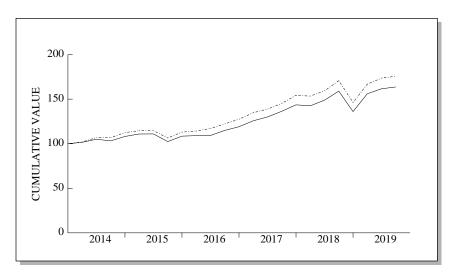
### COMPARATIVE BENCHMARK: TAUNTON POLICY INDEX

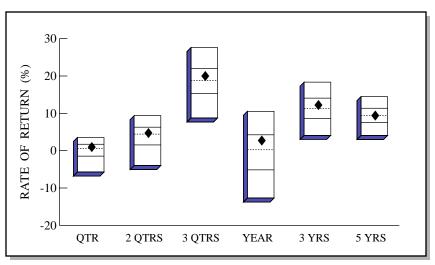


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	23
<b>Quarters Below the Benchmark</b>	17
Batting Average	.575

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

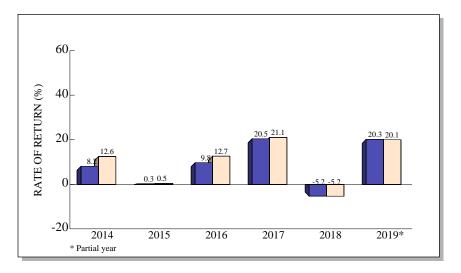
# DOMESTIC EQUITY RETURN COMPARISONS





Domestic Equity Universe



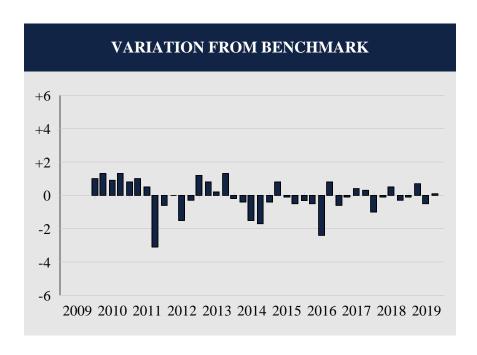


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	1.3	4.9	20.3	3.0	12.5	9.7
(RANK)	(36)	(44)	(39)	(35)	(41)	(47)
5TH %ILE	3.5	9.4	27.6	10.6	18.4	14.5
25TH %ILE	1.7	6.3	22.0	4.3	14.1	11.4
MEDIAN	0.5	4.4	18.7	0.3	11.3	9.4
75TH %ILE	-1.5	1.5	15.4	-5.1	8.6	7.5
95TH %ILE	-5.8	-4.0	8.8	-12.7	4.1	4.1
Russ 3000	1.2	5.3	20.1	2.9	12.8	10.4

Domestic Equity Universe

# DOMESTIC EQUITY QUARTERLY PERFORMANCE SUMMARY

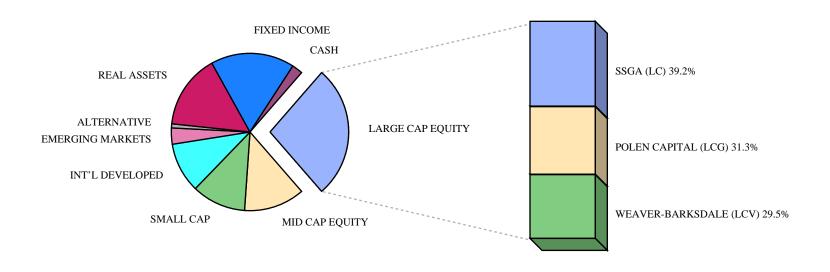
**COMPARATIVE BENCHMARK: RUSSELL 3000** 



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

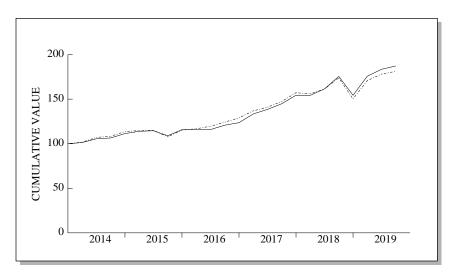
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/09	6.9	5.9	1.0				
3/10	7.2	5.9	1.3				
6/10 9/10	-10.4 12.8	-11.3 11.5	0.9 1.3				
12/10	12.4	11.6	0.8				
3/11	7.4	6.4	1.0				
6/11 9/11	0.5 -18.4	0.0 -15.3	0.5 -3.1				
12/11	11.5	12.1	-0.6				
3/12	12.9	12.9	0.0				
6/12 9/12	-4.6 5.9	-3.1 6.2	-1.5 -0.3				
12/12	1.5	0.3	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	4.2	-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	-14.4	-14.3	-0.1				
3/19	14.7	14.0	0.7				
6/19 9/19	3.6 1.3	4.1 1.2	-0.5 0.1				
2,112	1.5	1.2	0.1				

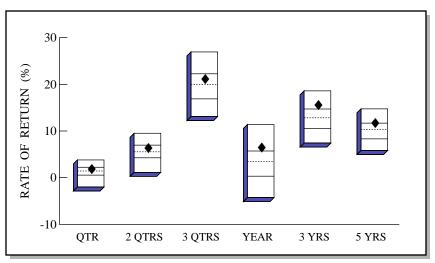
# LARGE CAP EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA	(Large Cap)	1.7 (38)	20.6 (41)	4.3 (37)	13.4 (40)	10.9 (38)	\$35,526,835
S&P 500		1.7	20.6	4.3	13.4	10.8	
POLEN CAPITAL	(Large Cap Growth)	0.9 (49)	25.4 (22)	9.7 (13)	20.2 (8)	17.8 (2)	\$29,745,204
Russell 1000 Growth		1.5	23.3	3.7	16.9	13.4	
WEAVER-BARKSDALE	(Large Cap Value)	3.6 (7)	16.7 (59)	5.9 (19)			\$26,944,892
Russell 1000 Value		1.4	17.8	4.0	9.4	7.8	

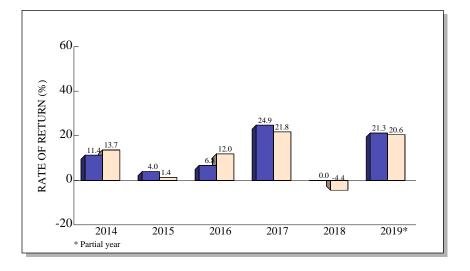
# LARGE CAP EQUITY RETURN COMPARISONS





Large Cap Universe



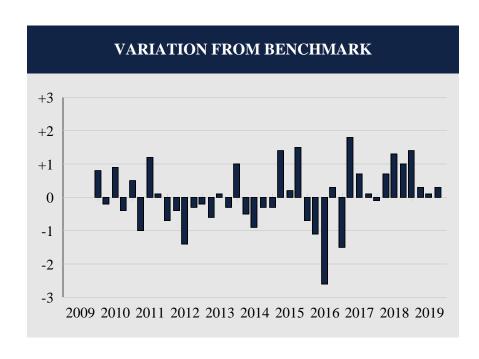


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	2.0	6.5	21.3	6.6	15.7	11.9
(RANK)	(30)	(32)	(32)	(20)	(18)	(23)
5TH %ILE	3.8	9.5	26.9	11.4	18.6	14.8
25TH %ILE	2.2	7.0	22.3	5.7	14.7	11.7
MEDIAN	1.4	5.6	20.0	3.4	12.8	10.3
75TH %ILE	0.5	4.3	16.9	0.3	10.6	8.3
95TH %ILE	-2.0	1.1	13.1	-4.3	7.4	5.8
S&P 500	1.7	6.1	20.6	4.3	13.4	10.8

Large Cap Universe

# LARGE CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

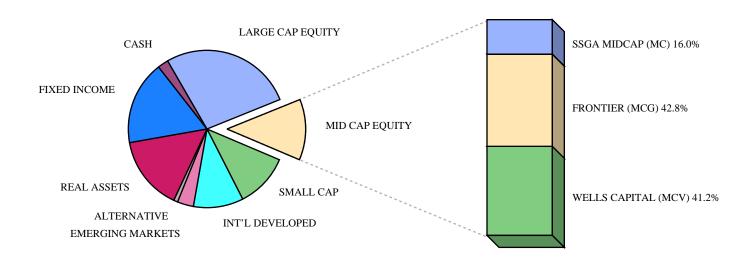
**COMPARATIVE BENCHMARK: S&P 500** 



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

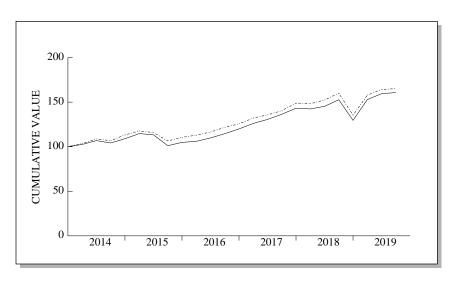
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/09 3/10 6/10 9/10 12/10 3/11 6/11 9/11 12/11 3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14	6.8 5.1 -10.5 10.9 11.3 4.9 1.3 -13.8 11.1 12.2 -4.2 6.0 -0.6 10.0 3.0 4.9 11.5 1.3 4.3 0.8 4.6	6.0 5.3 -11.4 11.3 10.8 5.9 0.1 -13.9 11.8 12.6 -2.8 6.3 -0.4 10.6 2.9 5.2 10.5 1.8 5.2 1.1 4.9	0.8 -0.2 0.9 -0.4 0.5 -1.0 1.2 0.1 -0.7 -0.4 -1.4 -0.3 -0.2 -0.6 0.1 -0.3 1.0 -0.5 -0.9 -0.3 -0.3			
3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19	2.3 0.5 -4.9 6.3 0.2 -0.1 4.2 2.3 7.9 3.8 4.6 6.5 -0.1 4.7 8.7 -12.1 13.9 4.4 2.0	0.9 0.3 -6.4 7.0 1.3 2.5 3.9 3.8 6.1 3.1 4.5 6.6 -0.8 3.4 7.7 -13.5 13.6 4.3 1.7	1.4 0.2 1.5 -0.7 -1.1 -2.6 0.3 -1.5 1.8 0.7 0.1 -0.1 0.7 1.3 1.0 1.4 0.3 0.1 0.3			

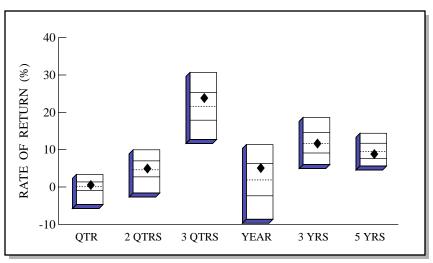
# MID CAP EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA MIDCAP	(Mid Cap)	-0.1 (58)	17.9 (76)	-2.5 (78)			\$6,670,667
S&P 400		-0.1	17.9	-2.5	9.4	8.9	
FRONTIER	(Mid Cap Growth)	-0.7 (49)	23.8 (57)	5.1 (49)	13.8 (61)		\$17,826,952
Russell Mid Cap Growth		-0.7	25.2	5.2	14.5	11.1	
WELLS CAPITAL	(Mid Cap Value)	2.8 (18)	25.8 (8)	8.8 (8)	10.1 (36)		\$17,198,859
Russell Mid Cap Value		1.2	19.5	1.6	7.8	7.5	

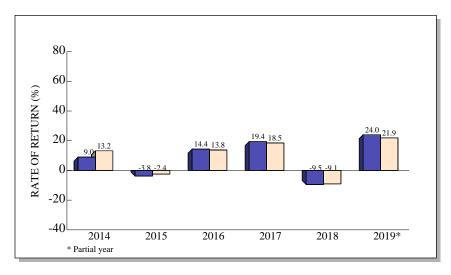
# MID CAP EQUITY RETURN COMPARISONS





Mid Cap Universe



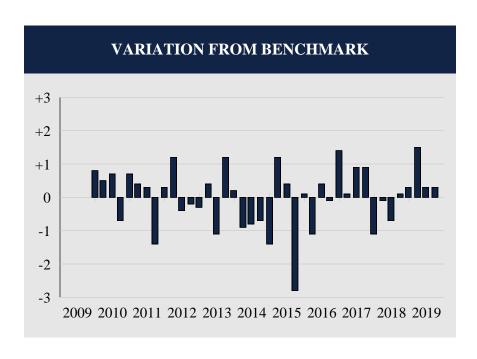


					ANNU	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	0.8	5.2	24.0	5.3	11.9	9.0
(RANK)	(40)	(42)	(32)	(31)	(48)	(55)
5TH %ILE	3.3	10.0	30.7	11.4	18.7	14.4
25TH %ILE	1.4	7.0	25.3	6.3	14.7	11.7
MEDIAN	0.1	4.6	21.5	1.9	11.7	9.6
75TH %ILE	-1.0	2.7	17.9	-2.4	9.1	7.6
95TH %ILE	-4.7	-1.6	12.7	-8.7	6.0	5.6
Russ MC	0.5	4.6	21.9	3.2	10.7	9.1

Mid Cap Universe

# MID CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

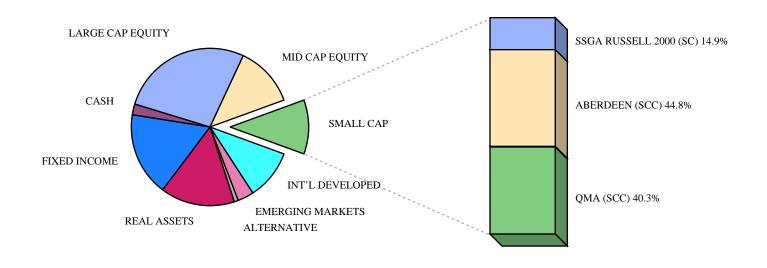
COMPARATIVE BENCHMARK: RUSSELL MID CAP



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

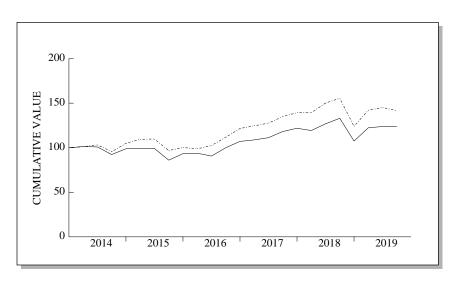
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/09	6.7	5.9	0.8				
3/10 6/10	9.2 -9.2	8.7 -9.9	0.5 0.7				
9/10	12.6	13.3	-0.7				
12/10	13.8	13.1	0.7				
3/11 6/11	8.0 0.7	7.6 0.4	0.4 0.3				
9/11	-20.3	-18.9	-1.4				
12/11	12.6	12.3	0.3				
3/12 6/12	14.1 -4.8	12.9 -4.4	1.2 -0.4				
9/12 12/12	5.4 2.6	5.6 2.9	-0.2 -0.3				
3/13	13.4	13.0	0.4				
6/13	1.1	2.2	-1.1				
9/13 12/13	8.9 8.6	7.7 8.4	1.2 0.2				
3/14	2.6	3.5	-0.9				
6/14 9/14	4.2 -2.4	5.0 -1.7	-0.8 -0.7				
12/14	4.5	5.9	-0.7				
3/15	5.2	4.0	1.2				
6/15 9/15	-1.1 -10.8	-1.5 -8.0	0.4 -2.8				
12/15	3.7	3.6	0.1				
3/16 6/16	1.1 3.6	2.2 3.2	-1.1 0.4				
9/16	4.4	4.5	-0.1				
12/16	4.6 5.2	3.2 5.1	1.4				
3/17 6/17	3.6	2.7	0.1 0.9				
9/17 12/17	4.4 5.0	3.5 6.1	0.9 -1.1				
3/18	-0.6	-0.5	-1.1 -0.1				
6/18	2.1	2.8	-0.7				
9/18 12/18	5.1 -15.1	5.0 -15.4	0.1 0.3				
3/19	18.0	16.5	1.5				
6/19 9/19	4.4 0.8	4.1 0.5	0.3 0.3				
7/17	0.0	0.5	0.5				

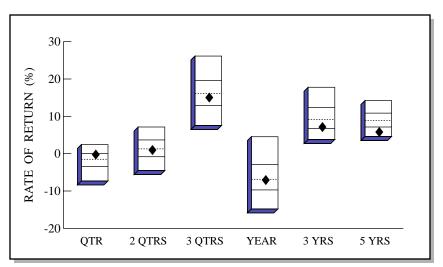
# SMALL CAP EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA RUSSELL 2000	(Small Cap)	-2.4 (64)	14.2 (66)	-8.9 (67)			\$5,545,671
ABERDEEN	(Small Cap)	1.5 (12)	18.4 (32)	-2.4 (22)			\$16,703,948
QMA	(Small Cap)	-0.6 (37)	12.3 (81)	-10.7 (80)			\$15,035,879
Russell 2000		-2.4	14.2	-8.9	8.2	8.2	

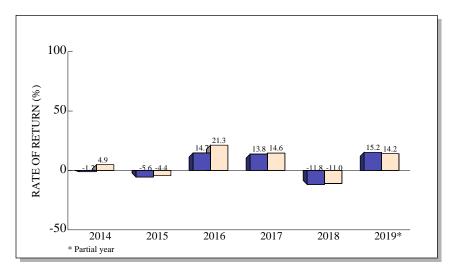
# SMALL CAP EQUITY RETURN COMPARISONS





Small Cap Universe



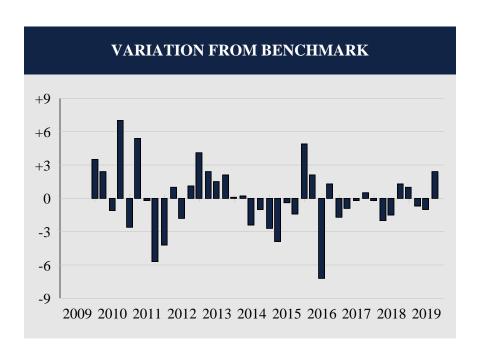


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	0.0	1.2	15.2	-6.9	7.4	6.0
(RANK)	(25)	(53)	(58)	(51)	(66)	(87)
5TH %ILE	2.4	7.1	26.2	4.5	17.8	14.2
25TH %ILE	0.0	3.7	19.6	-2.9	12.4	10.8
MEDIAN	-1.5	1.3	16.1	-6.9	9.2	8.9
75TH %ILE	-3.4	-0.8	12.9	-9.7	6.7	7.1
95TH %ILE	-7.3	-4.5	7.6	-14.8	3.8	4.6
Russ 2000	-2.4	-0.4	14.2	-8.9	8.2	8.2

Small Cap Universe

# SMALL CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

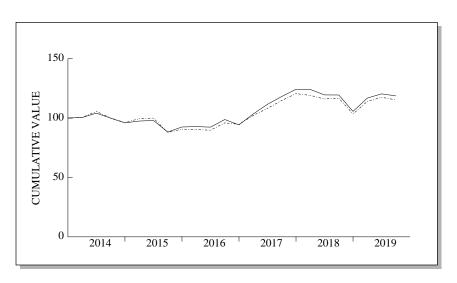
**COMPARATIVE BENCHMARK: RUSSELL 2000** 

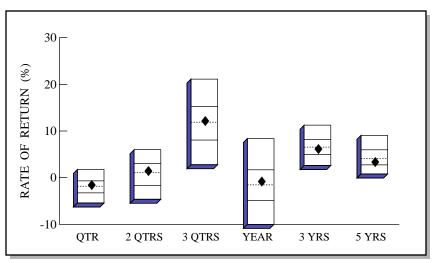


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	19
<b>Quarters Below the Benchmark</b>	21
Batting Average	.475

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
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 6/17 9/17 12/17	1.6 2.3 6.2 3.1	2.5 2.5 5.7 3.3	-1.7 -0.9 -0.2 0.5 -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			
9/19	0.0	-2.4	2.4			

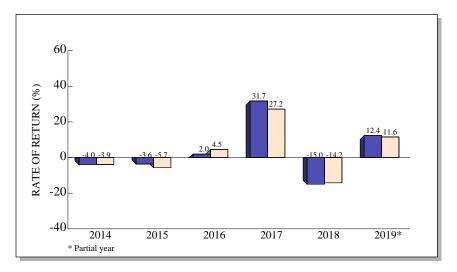
# INTERNATIONAL EQUITY RETURN COMPARISONS





International Equity Universe





					ANNUALIZED		
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS	
RETURN	-1.4	1.6	12.4	-0.7	6.3	3.5	
(RANK)	(41)	(44)	(47)	(42)	(53)	(61)	
5TH %ILE	1.7	6.0	21.1	8.4	11.3	9.1	
25TH %ILE	-0.7	3.1	15.2	1.7	8.2	6.0	
MEDIAN	-1.8	1.1	11.9	-1.6	6.5	4.1	
75TH %ILE	-3.3	-1.7	8.1	-4.9	5.0	2.8	
95TH %ILE	-5.4	-4.6	2.8	-10.0	2.6	0.8	
Intl Index	-1.8	1.1	11.6	-1.2	6.3	2.9	

International Equity Universe

# INTERNATIONAL EQUITY QUARTERLY PERFORMANCE SUMMARY

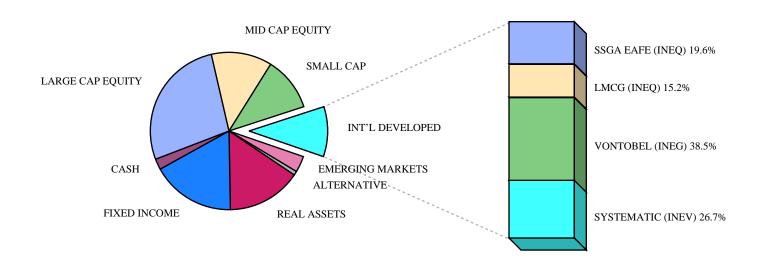
### COMPARATIVE BENCHMARK: TAUNTON INTERNATIONAL INDEX



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

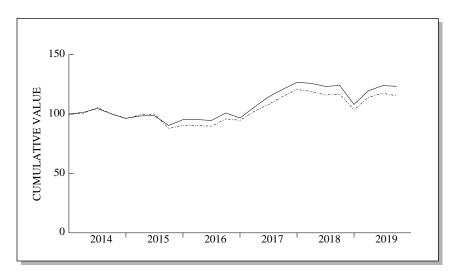
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/09	3.8	2.2	1.6				
3/10	1.5	0.9	0.6				
6/10	-11.7	-14.0	2.3				
9/10	16.4	16.5	-0.1				
12/10	6.2	6.6	-0.4				
3/11	4.5	3.4	1.1				
6/11	0.2	1.6	-1.4				
9/11	-20.6	-19.0	-1.6				
12/11	4.5	3.3	1.2				
3/12	11.6	10.9	0.7				
6/12	-7.9	-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				
9/19	-1.4	-1.8	0.4				

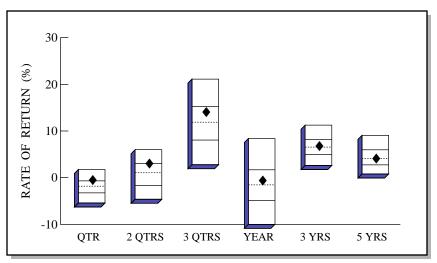
# DEVELOPED MARKETS EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS								
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE	
SSGA EAFE	(International Equity)	-1.0 (32)	13.2 (37)	-1.0 (46)			\$6,754,153	
MSCI EAFE Net		-1.1	12.8	-1.3	6.5	3.3		
LMCG	(Intl Eq SC)	-1.4 (40)	10.8 (62)	-6.7 (51)			\$5,239,432	
MSCI EAFE Small Cap Net		-0.4	12.1	-5.9	5.9	6.0		
VONTOBEL	(International Growth)	1.2 (1)	20.2 (24)	7.3 (8)	8.9 (38)	6.7 (29)	\$13,268,518	
MSCI EAFE Growth Net		-0.4	17.9	2.2	7.8	5.5		
SYSTEMATIC	(International Value)	-1.4 (44)	9.0 (63)	-6.3 (80)			\$9,219,678	
MSCI EAFE Value Net		-1.7	7.7	-4.9	5.1	1.0		

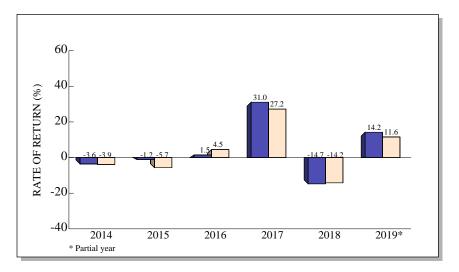
# DEVELOPED MARKETS EQUITY RETURN COMPARISONS





International Equity Universe





					ANNUALIZED			
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS		
RETURN	-0.3	3.2	14.2	-0.5	6.9	4.3		
(RANK)	(20)	(24)	(31)	(40)	(42)	(47)		
5TH %ILE	1.7	6.0	21.1	8.4	11.3	9.1		
25TH %ILE	-0.7	3.1	15.2	1.7	8.2	6.0		
MEDIAN	-1.8	1.1	11.9	-1.6	6.5	4.1		
75TH %ILE	-3.3	-1.7	8.1	-4.9	5.0	2.8		
95TH %ILE	-5.4	-4.6	2.8	-10.0	2.6	0.8		
Intl Index	-1.8	1.1	11.6	-1.2	6.3	2.9		

International Equity Universe

# DEVELOPED MARKETS EQUITY QUARTERLY PERFORMANCE SUMMARY

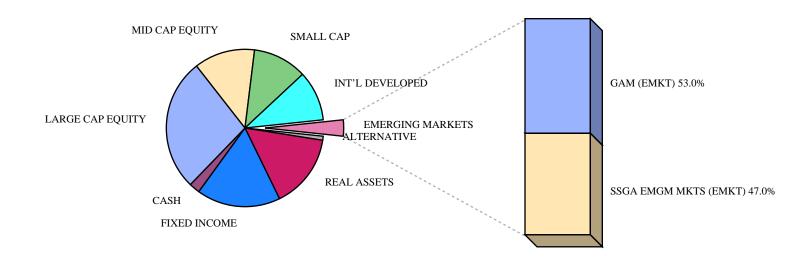
#### COMPARATIVE BENCHMARK: TAUNTON INTERNATIONAL INDEX



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

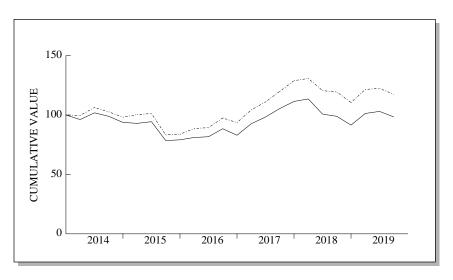
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
Date  12/09 3/10 6/10 9/10 12/10 3/11 6/11 9/11 12/11 3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15 9/15	Portfolio  3.8 1.5 -11.7 16.4 6.2 4.5 0.2 -20.6 4.5 11.6 -7.9 8.1 7.6 4.9 -4.9 8.9 4.8 1.4 3.2 -4.4 -3.6 2.1 0.2 -8.4	2.2 0.9 -14.0 16.5 6.6 3.4 1.6 -19.0 3.3 10.9 -7.1 6.9 6.6 3.2 -3.1 10.1 4.8 0.5 5.0 -5.3 -3.9 3.5 0.5 -12.2	Difference  1.6 0.6 2.3 -0.1 -0.4 1.1 -1.4 -1.6 1.2 0.7 -0.8 1.2 1.0 1.7 -1.8 -1.2 0.0 0.9 -1.8 0.9 0.3 -1.4 -0.3 3.8			
3/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19 9/19	-6.4 5.5 0.0 -0.7 6.6 -4.2 9.4 8.2 5.5 4.9 -0.7 -2.0 0.6 -12.9 10.7 3.5 -0.3	-12.2 3.2 -0.4 -0.6 6.9 -1.3 7.9 5.8 6.2 5.0 -1.2 -2.6 0.7 -11.5 10.3 3.0 -1.8	3.8 2.3 0.4 -0.1 -0.3 -2.9 1.5 2.4 -0.7 -0.1 0.5 0.6 -0.1 -1.4 0.4 0.5 1.5			

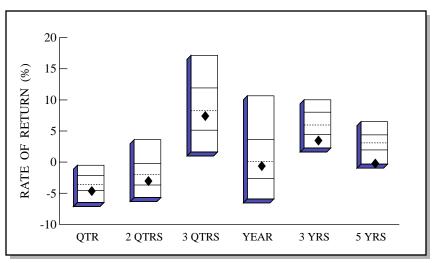
# EMERGING MARKETS EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
GAM	(Emerging Markets)	-4.8 (80)	9.0 (46)	0.8 (45)			\$5,833,170
SSGA EMGM MKTS	(Emerging Markets)	-4.2 (66)	5.9 (66)	-2.0 (72)			\$5,164,173
MSCI Emerging Markets Net		-4.2	5.9	-2.0	6.0	2.3	

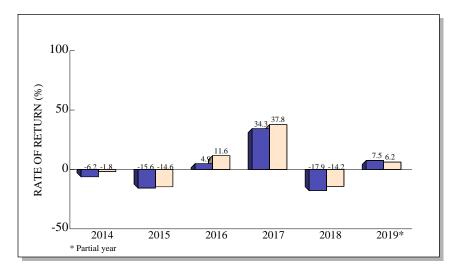
# EMERGING MARKETS EQUITY RETURN COMPARISONS





**Emerging Markets Universe** 



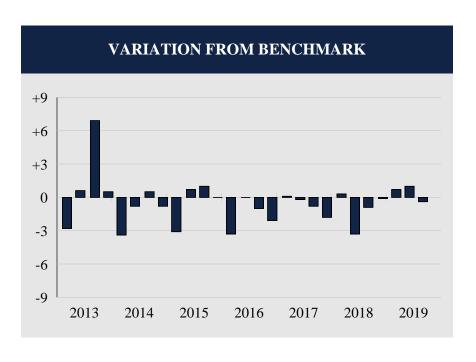


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-4.5	-2.9	7.5	-0.5	3.6	-0.1
(RANK)	(74)	(60)	(57)	(55)	(87)	(95)
5TH %ILE	-0.5	3.6	17.1	10.7	10.0	6.5
25TH %ILE	-2.2	-0.2	11.9	3.6	8.0	4.4
MEDIAN	-3.6	-2.0	8.3	0.1	6.0	3.1
75TH %ILE	-4.6	-3.7	5.1	-2.7	4.5	2.0
95TH %ILE	-6.5	-5.7	1.6	-5.9	2.3	-0.3
MSCI EM	-4.1	-3.4	6.2	-1.6	6.4	2.7

**Emerging Markets Universe** 

# EMERGING MARKETS EQUITY QUARTERLY PERFORMANCE SUMMARY

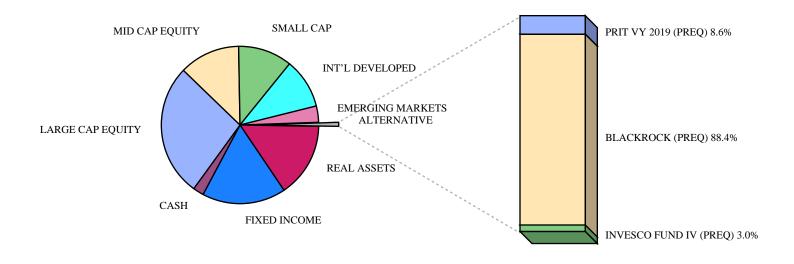
#### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS



<b>Total Quarters Observed</b>	27
Quarters At or Above the Benchmark	12
<b>Quarters Below the Benchmark</b>	15
Batting Average	.444

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			
9/19	-4.5	-4.1	-0.4			

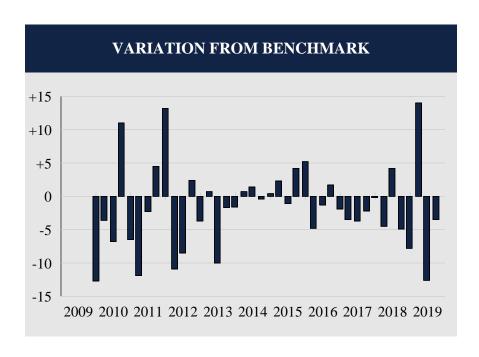
# ALTERNATIVE ASSETS MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
PRIT VY 2019		2.7					\$213,715
Cambridge US Private Equity		0.0	11.4	9.5	15.1	12.0	
BLACKROCK		0.4	2.0	7.4	7.9	6.7	\$2,209,835
INVESCO FUND IV		-0.1	-1.8	-17.2	1.3	3.2	\$75,331
Russell 3000 (Lagged)		4.1	1.7	9.0	14.0	10.2	

# ALTERNATIVE ASSETS QUARTERLY PERFORMANCE SUMMARY

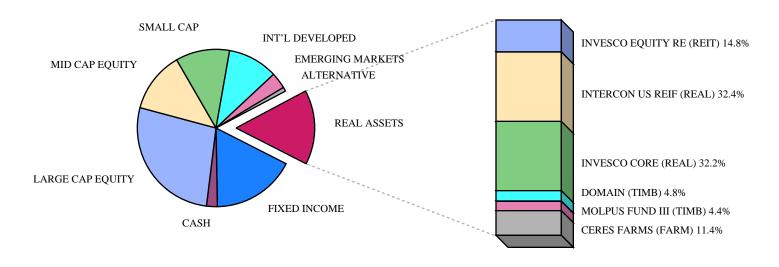
COMPARATIVE BENCHMARK: RUSSELL 3000 (LAGGED)



<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			
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 6/12 9/12 12/12	1.2 4.4 -0.7 2.5	12.1 12.9 -3.1 6.2	-10.9 -8.5 2.4 -3.7 0.7			
3/13 6/13 9/13 12/13	1.0 1.1 1.0 4.8	0.3 11.1 2.7 6.4	-10.0 -1.7 -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	-0.3	-14.3	14.0			
6/19	1.4	14.0	-12.6			
9/19	0.6	4.1	-3.5			

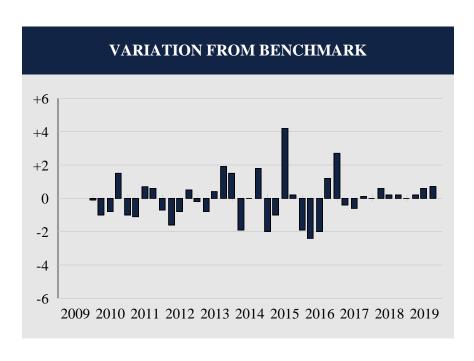
### **REAL ASSETS MANAGER SUMMARY**



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
INVESCO EQUITY RE		7.5	29.0	21.2	9.3	10.9	\$7,609,274
NAREIT		7.7	28.5	20.7	9.0	11.1	
INTERCON US REIF		2.5	6.1	8.3	10.5	11.7	\$16,644,989
INVESCO CORE		2.0	4.2	6.5	8.1	9.9	\$16,587,688
NCREIF NFI-ODCE Index		1.3	3.8	5.6	7.3	9.3	
DOMAIN		-0.8	2.3	2.3	3.0	2.1	\$2,482,081
MOLPUS FUND III		1.5	2.5	2.9	2.8	4.4	\$2,251,075
NCREIF Timber Index		0.2	1.3	2.1	3.1	4.4	
CERES FARMS		1.1	6.1	7.9	6.3	6.1	\$5,864,940
NCREIF Farmland Index		1.0	2.4	5.3	6.1	7.9	

# REAL ASSETS QUARTERLY PERFORMANCE SUMMARY

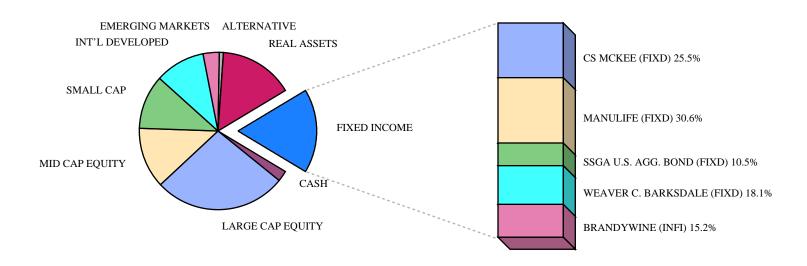
#### COMPARATIVE BENCHMARK: REAL ASSET INDEX



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

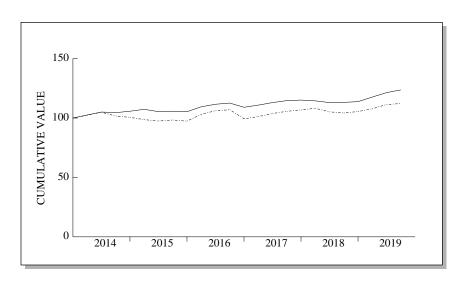
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/09 3/10 6/10 9/10 12/10 3/11 6/11 9/11 12/11 3/12 6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17	2.9 4.4 -0.6 10.7 5.2 4.7 4.6 -5.3 8.5 5.0 2.5 2.4 2.5 4.6 1.4 2.4 3.0 3.6 5.0 2.2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

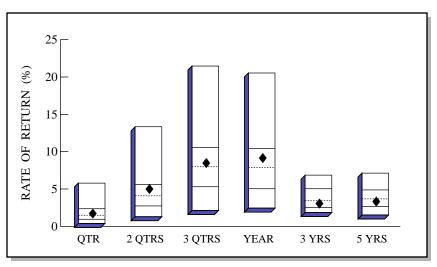
### FIXED INCOME MANAGER SUMMARY



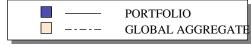
TOTAL RETURNS AND RANKINGS								
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE	
CS MCKEE	(Core Fixed Income)	2.6 (8)	9.2 (39)	10.5 (43)	3.4 (50)	3.7 (51)	\$14,755,353	
MANULIFE	(Core Fixed Income)	2.6 (8)	10.2 (6)	10.8 (31)	4.1 (8)		\$17,585,330	
SSGA U.S. AGG. BOND	(Core Fixed Income)	2.3 (66)	8.6 (78)	10.3 (66)			\$6,071,226	
WEAVER C. BARKSDALE	(Core Fixed Income)	2.5 (13)	9.6 (14)	10.6 (42)	3.3 (60)		\$11,759,994	
Bloomberg Barclays Aggregate I	ndex	2.3	8.5	10.3	2.9	3.4		
BRANDYWINE	(Int'l Fixed Income)	-2.4 (90)	2.3 (92)	0.7 (96)	0.8 (93)	0.7 (86)	\$8,774,478	
Bloomberg Barclays Global Gove	ernment Bond	0.6	5.7	7.6	0.9	1.7		

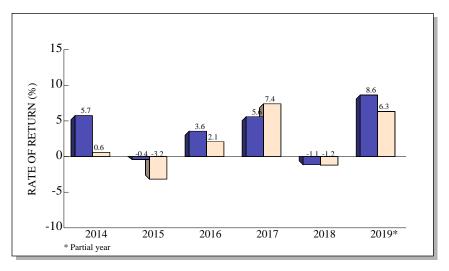
# FIXED INCOME RETURN COMPARISONS





Broad Market Fixed Universe



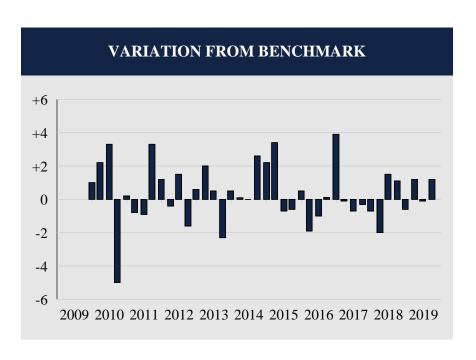


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	1.9	5.1	8.6	9.2	3.2	3.4
(RANK)	(39)	(37)	(45)	(37)	(58)	(58)
5TH %ILE	5.8	13.3	21.5	20.5	6.9	7.1
25TH %ILE	2.4	5.6	10.6	10.4	5.0	4.9
MEDIAN	1.5	4.1	8.0	7.9	3.4	3.7
75TH %ILE	0.9	2.7	5.3	5.0	2.5	2.7
95TH %ILE	0.4	1.3	2.1	2.4	1.8	1.5
Global Agg	0.7	4.0	6.3	7.6	1.6	2.0

Broad Market Fixed Universe

# FIXED INCOME QUARTERLY PERFORMANCE SUMMARY

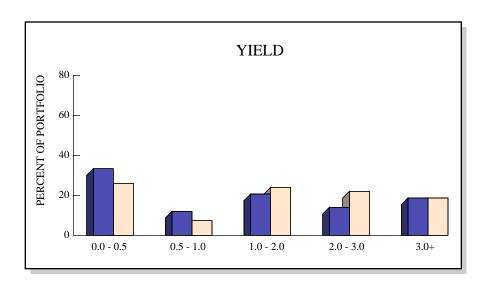
#### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS GLOBAL AGGREGATE

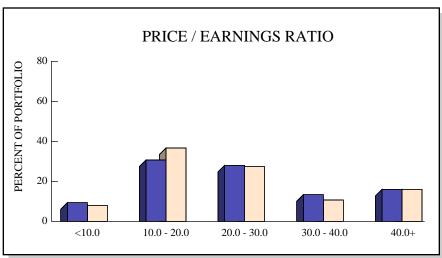


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	23
<b>Quarters Below the Benchmark</b>	17
Batting Average	.575

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

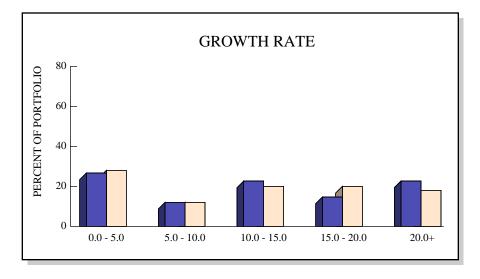
# STOCK CHARACTERISTICS

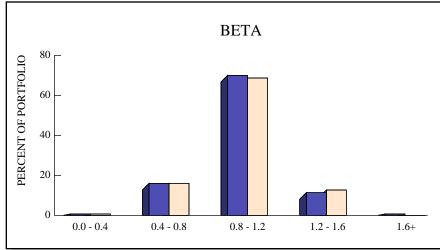




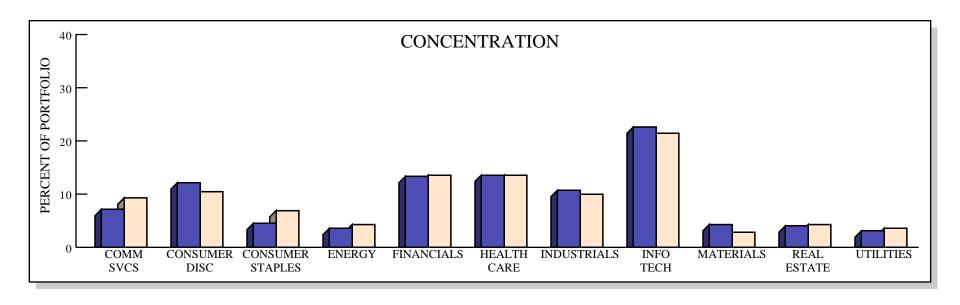
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	2,809	1.6%	13.2%	26.2	0.99	
RUSSELL 3000	3,005	1.8%	12.0%	26.3	0.98	

47

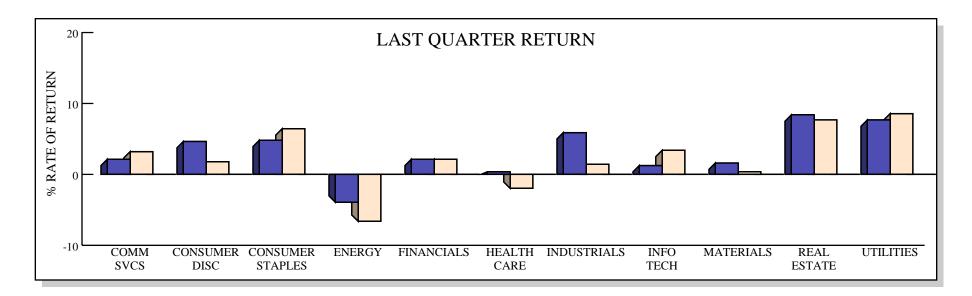




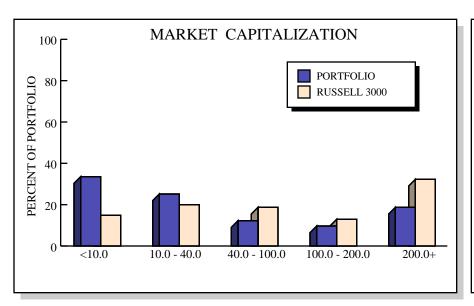
# STOCK INDUSTRY ANALYSIS

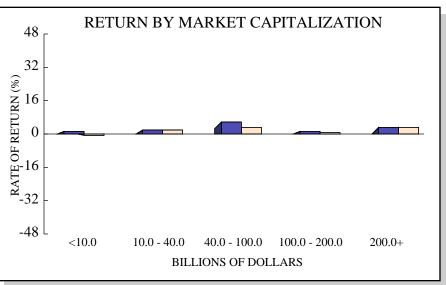






### **TOP TEN HOLDINGS**

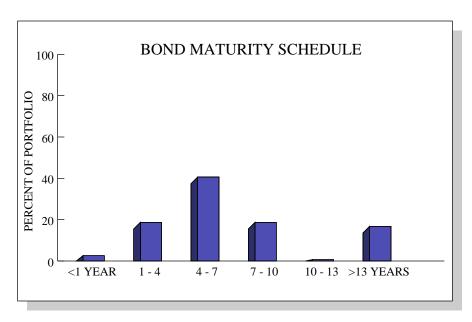


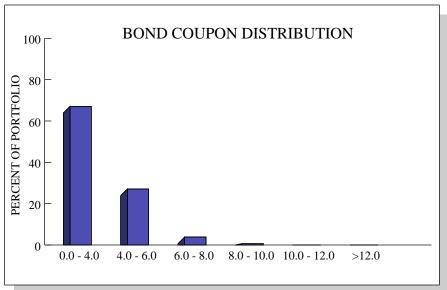


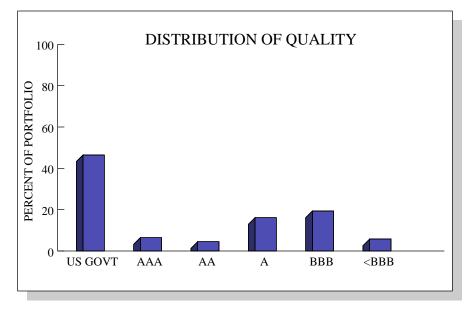
# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	MICROSOFT CORP	\$ 4,911,235	2.90%	4.1%	Information Technology	\$ 1061.6 B
2	FACEBOOK INC-CLASS A	2,841,979	1.68%	-7.7%	Communication Services	428.4 B
3	ALPHABET INC-CL C	2,634,259	1.55%	12.8%	Communication Services	423.4 B
4	VISA INC-CLASS A SHARES	2,593,911	1.53%	-0.8%	Information Technology	297.1 B
5	MASTERCARD INC - A	1,951,502	1.15%	2.8%	Information Technology	272.4 B
6	APPLE INC	1,927,934	1.14%	13.6%	Information Technology	1012.2 B
7	DOLLAR GENERAL CORP	1,901,717	1.12%	17.9%	Consumer Discretionary	40.9 B
8	ADOBE INC	1,846,455	1.09%	-6.2%	Information Technology	133.7 B
9	ZOETIS INC	1,781,512	1.05%	9.9%	Health Care	59.5 B
10	ACCENTURE PLC-CL A	1,641,130	.97%	4.1%	Information Technology	122.6 B

# **BOND CHARACTERISTICS**







No. of Securities	1006	10,904
		10,504
Duration	6.35	5.78
YTM	2.80	2.26
Average Coupon	3.52	3.20
Avg Maturity / WAL	8.81	7.92
Average Quality	AAA-AA	<b>USG-AAA</b>

# **APPENDIX - MAJOR MARKET INDEX RETURNS**

Economic Data	Style	QTR	YTD	1 Year	3 years	5 Years
Consumer Price Index	Economic Data	0.2	2.2	1.7	2.1	1.5
Domestic Equity	Style	QTR	YTD	1 Year	3 years	5 Years
Russell 3000	Broad Equity	1.2	20.1	2.9	12.8	10.4
S&P 500	Large Cap Core	1.7	20.6	4.3	13.4	10.8
Russell 1000	Large Cap	1.4	20.5	3.9	13.2	10.6
Russell 1000 Growth	Large Cap Growth	1.5	23.3	3.7	16.9	13.4
Russell 1000 Value	Large Cap Value	1.4	17.8	4.0	9.4	7.8
Russell Mid Cap	Midcap	0.5	21.9	3.2	10.7	9.1
Russell Mid Cap Growth	Midcap Growth	-0.7	25.2	5.2	14.5	11.1
Russell Mid Cap Value	Midcap Value	1.2	19.5	1.6	7.8	7.5
Russell 2000	Small Cap	-2.4	14.2	-8.9	8.2	8.2
Russell 2000 Growth	Small Cap Growth	-4.2	15.3	-9.7	9.8	9.1
Russell 2000 Value	Small Cap Value	-0.6	12.8	-8.3	6.5	7.2
International Equity	Style	QTR	YTD	1 Year	3 years	5 Years
MSCI All Country World Ex US	Foreign Equity	-1.7	12.1	-0.7	6.8	3.4
MSCI EAFE	Developed Markets Equity	-1.0	13.3	-0.8	7.0	3.8
MSCI EAFE Growth	Developed Markets Growth		18.4	2.6	8.2	5.9
MSCI EAFE Value	Developed Markets Value	-1.6	8.3	-4.3	5.7	1.6
MSCI Emerging Markets	Emerging Markets Equity	-4.1	6.2	-1.6	6.4	2.7
Domestic Fixed Income	Style	QTR	YTD	1 Year	3 years	5 Years
Bloomberg Barclays Aggregate Index	Core Fixed Income	2.3	8.5	10.3	2.9	3.4
Bloomberg Barclays Capital Gov't Bond	Treasuries	2.4	7.7	10.4	2.3	2.9
Bloomberg Barclays Capital Credit Bond	Corporate Bonds	3.0	12.6	12.6	4.3	4.5
Intermediate Aggregate	Core Intermediate	1.4	6.2	8.1	2.4	2.7
ML/BoA 1-3 Year Treasury	Short Term Treasuries	0.6	3.0	4.4	1.5	1.3
Bloomberg Barclays Capital High Yield	High Yield Bonds	1.3	11.4	6.4	6.1	5.4
Alternative Assets	Style	QTR	YTD	1 Year	3 years	5 Years
Bloomberg Barclays Global Treasury Ex US	International Treasuries	0.4	5.4	7.5	0.5	1.4
NCREIF NFI-ODCE Index	Real Estate	1.3	3.8	5.6	7.3	9.3
NUNCTE NEI-UNIX E. HIGEX						

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#### **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

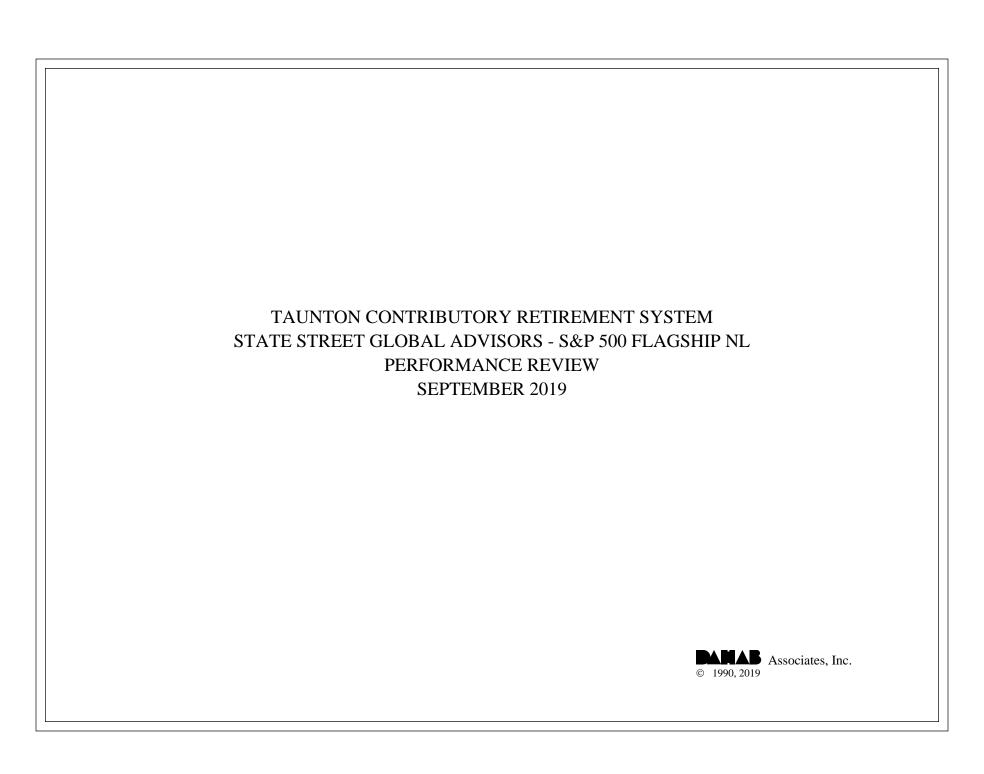
After January 2013:

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 September 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors S&P 500 Flagship NL portfolio was valued at \$35,526,835, representing an increase of \$592,015 from the June quarter's ending value of \$34,934,820. Last quarter, the Fund posted withdrawals totaling \$2,561, which partially offset the portfolio's net investment return of \$594,576. Since there were no income receipts for the third quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$594,576.

#### **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 third quarter, the State Street Global Advisors S&P 500 Flagship NL portfolio returned 1.7%, which was equal to the S&P 500 Index's return of 1.7% and ranked in the 38th percentile of the Large Cap universe. Over the trailing twelve-month period, this portfolio returned 4.3%, which was equal to the benchmark's 4.3% performance, and ranked in the 37th percentile. Since September 2009, the account returned 13.3% per annum and ranked in the 44th percentile. For comparison, the S&P 500 returned an annualized 13.2% 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 09/09	
Total Portfolio - Gross	1.7	20.6	4.3	13.4	10.9	13.3	
LARGE CAP RANK	(38)	(41)	(37)	(40)	(38)	(44)	
Total Portfolio - Net	1.7	20.5	4.2	13.4	10.8	13.2	
S&P 500	1.7	20.6	4.3	13.4	10.8	13.2	
Large Cap Equity - Gross	1.7	20.6	4.3	13.4	10.9	13.3	
LARGE CAP RANK	(38)	(41)	(37)	(40)	(38)	(44)	
S&P 500	1.7	20.6	4.3	13.4	10.8	13.2	
Russell 1000G	1.5	23.3	3.7	16.9	13.4	14.9	
Russell 1000V	1.4	17.8	4.0	9.4	7.8	11.5	

ASSET ALLOCATION						
Large Cap Equity	100.0%	\$ 35,526,835				
Total Portfolio	100.0%	\$ 35,526,835				

# INVESTMENT RETURN

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

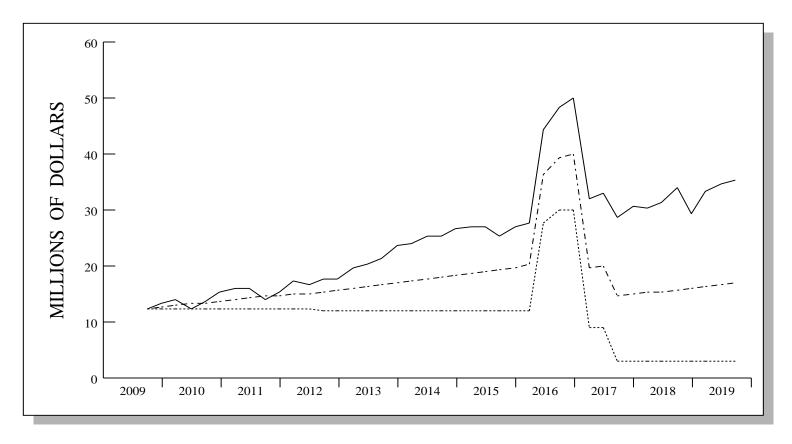
 Contribs / Withdrawals
 - 2,561

 Income
 0

 Capital Gains / Losses
 594,576

 Market Value 9/2019
 \$ 35,526,835

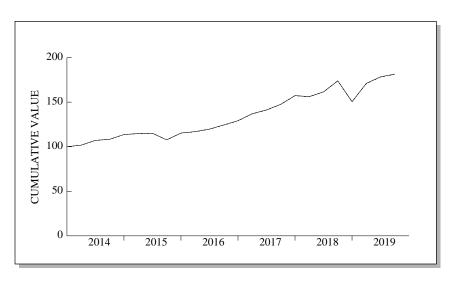
### **INVESTMENT GROWTH**

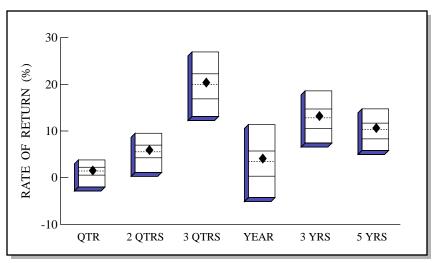


VALUE ASSUMING 8.0% RETURN \$ 17,200,116

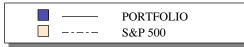
	LAST QUARTER	PERIOD 9/09 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 34,934,820 - 2,561 594,576 \$ 35,526,835	\$ 12,629,512 - 9,316,750 32,214,073 \$ 35,526,835
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	594,576 594,576	$ \begin{array}{c} 0 \\ 32,214,073 \\ \hline 32,214,073 \end{array} $

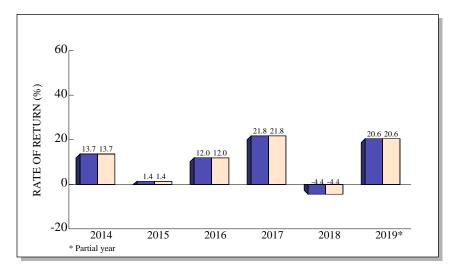
# TOTAL RETURN COMPARISONS





Large Cap Universe



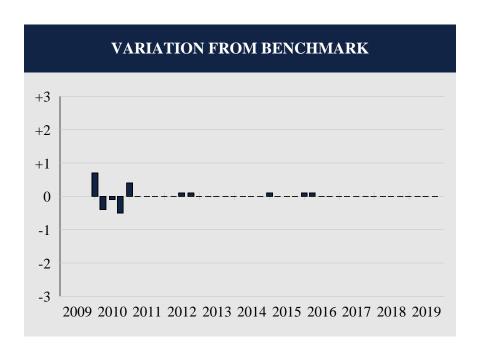


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	1.7	6.1	20.6	4.3	13.4	10.9
(RANK)	(38)	(40)	(41)	(37)	(40)	(38)
5TH %ILE	3.8	9.5	26.9	11.4	18.6	14.8
25TH %ILE	2.2	7.0	22.3	5.7	14.7	11.7
MEDIAN	1.4	5.6	20.0	3.4	12.8	10.3
75TH %ILE	0.5	4.3	16.9	0.3	10.6	8.3
95TH %ILE	-2.0	1.1	13.1	-4.3	7.4	5.8
S&P 500	1.7	6.1	20.6	4.3	13.4	10.8

Large Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

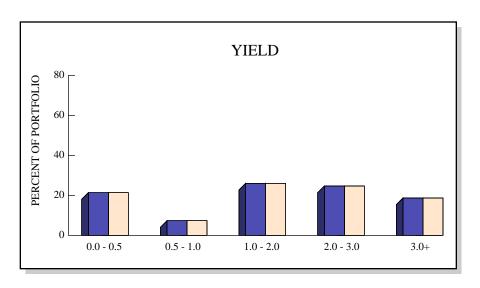
**COMPARATIVE BENCHMARK: S&P 500** 

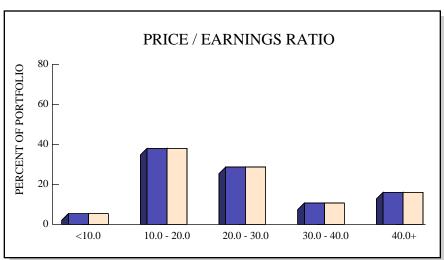


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	37
Quarters Below the Benchmark	3
Batting Average	.925

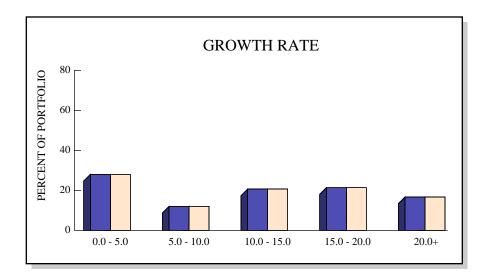
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/09	6.7	6.0	0.7				
3/10	4.9	5.3	-0.4				
6/10	-11.5	-11.4	-0.1				
9/10 12/10	10.8 11.2	11.3 10.8	-0.5 0.4				
3/11	5.9	5.9	0.0				
6/11	0.1	0.1	0.0				
9/11 12/11	-13.9 11.8	-13.9 11.8	0.0 0.0				
3/12 6/12	12.6 -2.7	12.6 -2.8	0.0 0.1				
9/12	6.4	6.3	0.1				
12/12	-0.4	-0.4	0.0				
3/13	10.6	10.6	0.0				
6/13 9/13	2.9 5.2	2.9 5.2	0.0				
12/13	10.5	10.5	0.0				
3/14	1.8	1.8	0.0				
6/14	5.2	5.2	0.0				
9/14 12/14	1.1 5.0	1.1 4.9	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 6/16	1.4 2.5	1.3 2.5	0.1 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 9/17	3.1 4.5	3.1 4.5	0.0 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 12/18	7.7 -13.5	7.7 -13.5	0.0				
3/19	13.6	13.6	0.0				
6/19	4.3	4.3	0.0				
9/19	1.7	1.7	0.0				
i							

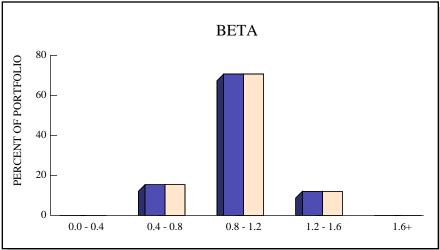
# STOCK CHARACTERISTICS



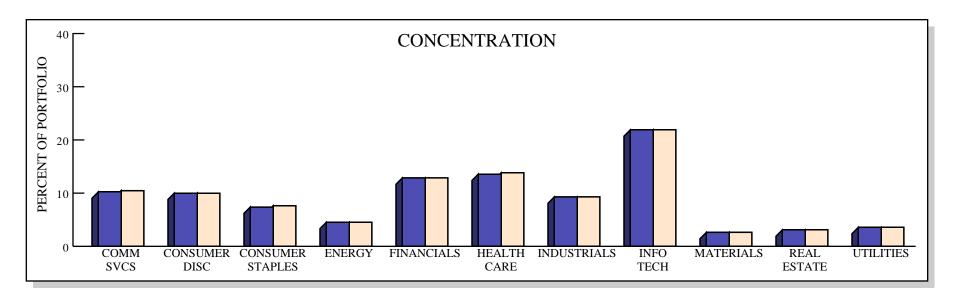


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	505	1.9%	11.9%	27.3	0.99	ŀ
S&P 500	505	1.9%	11.9%	27.3	0.99	

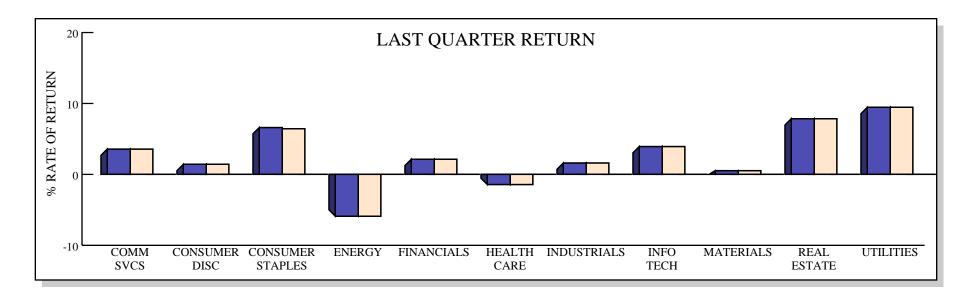




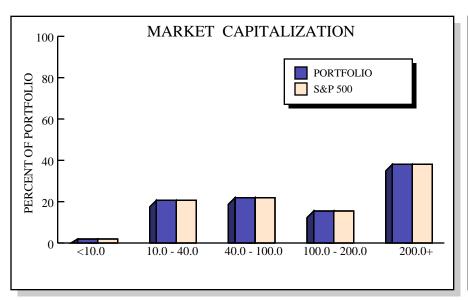
### STOCK INDUSTRY ANALYSIS

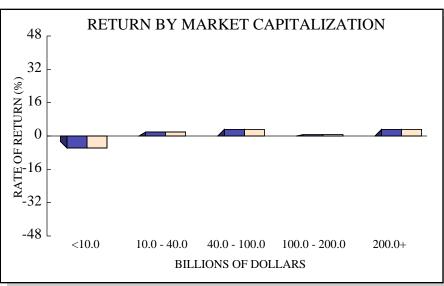






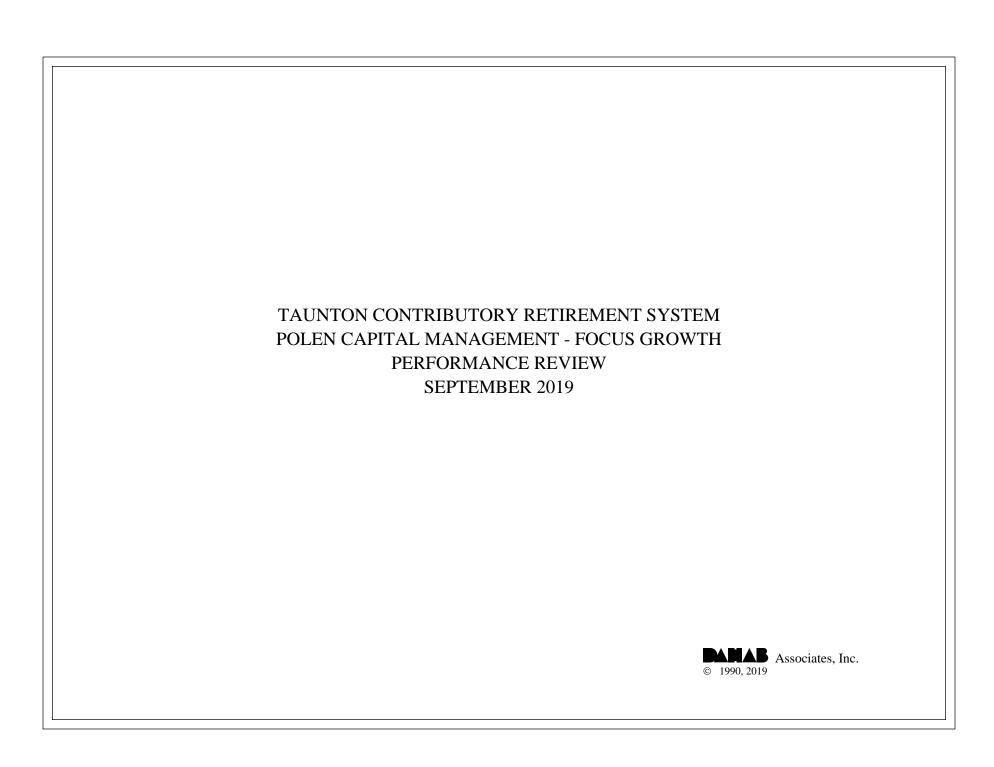
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	MICROSOFT CORP	\$ 1,526,410	4.30%	4.1%	Information Technology	\$ 1061.6 B
2	APPLE INC	1,368,009	3.85%	13.6%	Information Technology	1012.2 B
3	AMAZON.COM INC	1,036,338	2.92%	-8.3%	Consumer Discretionary	858.7 B
4	FACEBOOK INC-CLASS A	615,979	1.73%	-7.7%	Communication Services	428.4 B
5	BERKSHIRE HATHAWAY INC-CL B	586,616	1.65%	-2.4%	Financials	288.4 B
6	JPMORGAN CHASE & CO	541,139	1.52%	6.0%	Financials	376.3 B
7	ALPHABET INC-CL C	530,265	1.49%	12.8%	Communication Services	423.4 B
8	ALPHABET INC-CL A	526,311	1.48%	12.8%	Communication Services	365.8 B
9	JOHNSON & JOHNSON	490,997	1.38%	-6.4%	Health Care	341.5 B
10	PROCTER & GAMBLE CO/THE	447,644	1.26%	14.2%	Consumer Staples	311.3 B



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Polen Capital Management Focus Growth portfolio was valued at \$29,745,204, representing an increase of \$227,119 from the June quarter's ending value of \$29,518,085. Last quarter, the Fund posted withdrawals totaling \$37,197, which partially offset the portfolio's net investment return of \$264,316. Income receipts totaling \$49,089 plus net realized and unrealized capital gains of \$215,227 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

For the third quarter, the Polen Capital Management Focus Growth portfolio returned 0.9%, which was 0.6% below the Russell 1000 Growth Index's return of 1.5% and ranked in the 49th percentile of the Large Cap Growth universe. Over the trailing year, the portfolio returned 9.7%, which was 6.0% above the benchmark's 3.7% return, ranking in the 13th percentile. Since December 2013, the portfolio returned 16.6% annualized and ranked in the 2nd percentile. The Russell 1000 Growth returned an annualized 13.0% over the same period.

#### **ASSET ALLOCATION**

At the end of the third quarter, large cap equities comprised 95.2% of the total portfolio (\$28.3 million), while cash & equivalents totaled 4.8% (\$1.4 million).

#### **EQUITY ANALYSIS**

At the end of quarter, the Polen Capital portfolio was diversified across five 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 and Financial sectors held lighter allocations.

The portfolio underperformed relative to the index in three of the five invested sectors. The heavily allocated Information Technology sector suffered a loss relative to the benchmark's positive return sending the portfolio into a downward spiral. The Communication Services and Consumer Discretionary sectors both posted benchmark beating returns but unfortunately were not enough to help bolster performance. Overall the portfolio fell 60 basis points below the index last quarter.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
Quarter YTD 1 Year 3 Year 5 Year Since 12/13								
Total Portfolio - Gross	0.9	25.4	9.7	20.2	17.8	16.6		
LARGE CAP GROWTH RANK	(49)	(22)	(13)	(8)	(2)	(2)		
Total Portfolio - Net	0.8	25.0	9.2	19.6	17.2	16.0		
Russell 1000G	1.5	23.3	3.7	16.9	13.4	13.0		
Large Cap Equity - Gross	0.9	26.8	10.4	21.0	18.4	17.2		
LARGE CAP GROWTH RANK	(47)	(14)	(12)	(4)	(1)	(2)		
Russell 1000G	1.5	23.3	3.7	16.9	13.4	13.0		
Russell 1000V	1.4	17.8	4.0	9.4	7.8	8.2		
Russell 1000	1.4	20.5	3.9	13.2	10.6	10.6		

ASSET ALLOCATION						
Large Cap Equity Cash	95.2% 4.8%	\$ 28,331,258 1,413,946				
Total Portfolio	100.0%	\$ 29,745,204				

# INVESTMENT RETURN

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

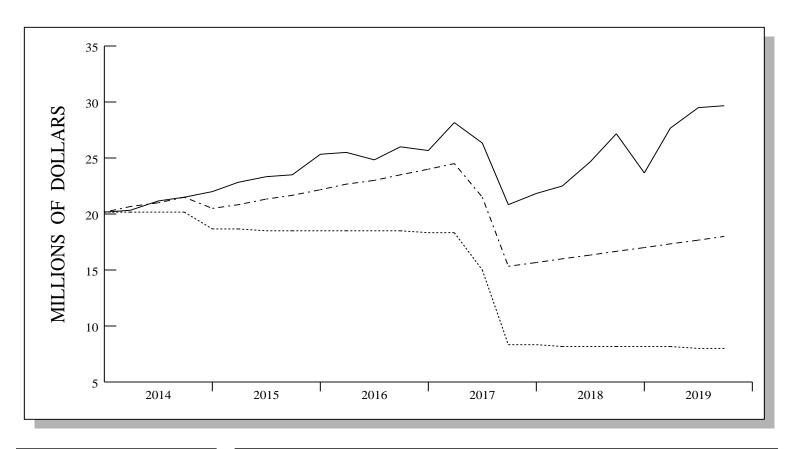
 Contribs / Withdrawals
 - 37,197

 Income
 49,089

 Capital Gains / Losses
 215,227

 Market Value 9/2019
 \$ 29,745,204

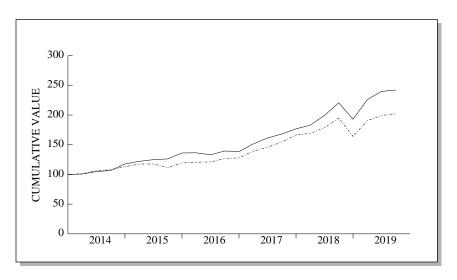
# **INVESTMENT GROWTH**

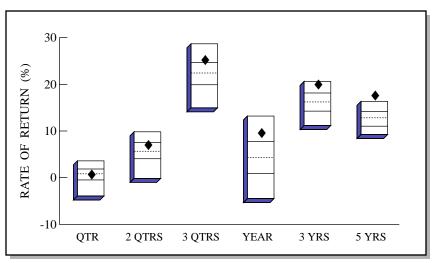


VALUE ASSUMING
9.0% RETURN \$ 18,102,029

	LAST QUARTER	PERIOD 12/13 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 29,518,085 - 37,197 264,316 \$ 29,745,204	\$ 20,327,518 -12,201,293 <u>21,618,979</u> \$ 29,745,204
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	49,089 215,227 264,316	1,306,777 20,312,202 21,618,979

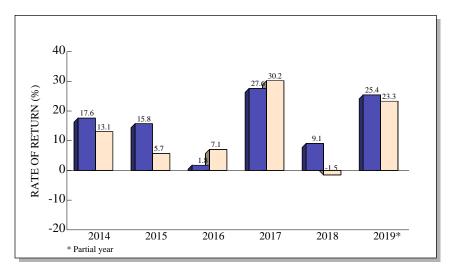
# TOTAL RETURN COMPARISONS





Large Cap Growth Universe



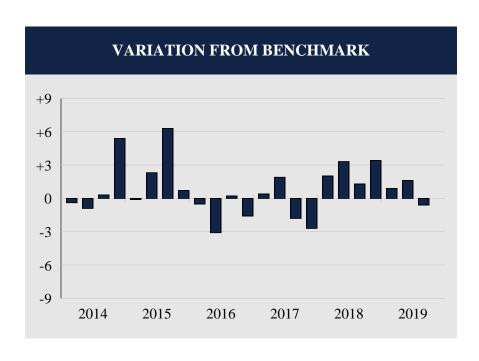


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	0.9	7.2	25.4	9.7	20.2	17.8
(RANK)	(49)	(29)	(22)	(13)	(8)	(2)
5TH %ILE	3.6	9.8	28.7	13.2	20.6	16.3
25TH %ILE	1.9	7.6	24.7	7.7	18.2	14.2
MEDIAN	0.8	5.7	22.4	4.3	16.2	12.8
75TH %ILE	-0.5	4.1	19.9	0.9	14.3	11.0
95TH %ILE	-3.9	-0.1	15.0	-4.5	11.2	9.2
Russ 1000G	1.5	6.2	23.3	3.7	16.9	13.4

Large Cap Growth Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

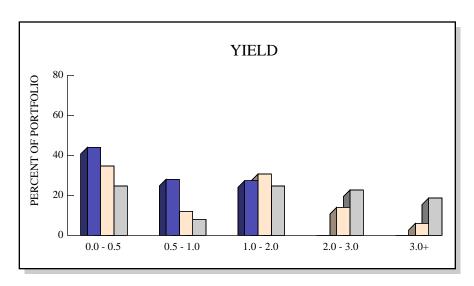
COMPARATIVE BENCHMARK: RUSSELL 1000 GROWTH

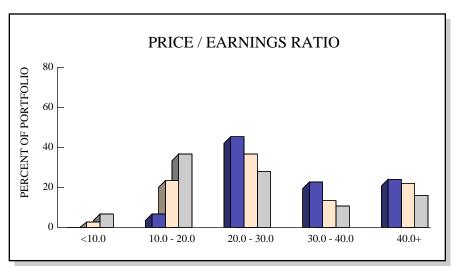


<b>Total Quarters Observed</b>	23
Quarters At or Above the Benchmark	14
Quarters Below the Benchmark	9
Batting Average	.609

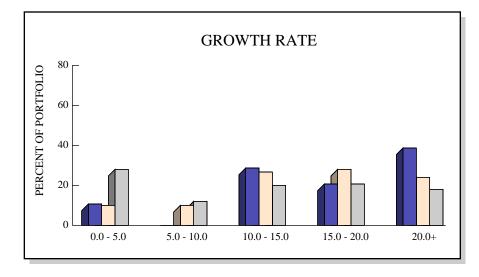
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
3/14	0.7	1.1	-0.4				
6/14	4.2	5.1	-0.9				
9/14	1.8	1.5	0.3				
12/14	10.2	4.8	5.4				
3/15	3.7	3.8	-0.1				
6/15	2.4	0.1	2.3				
9/15	1.0	-5.3	6.3				
12/15	8.0	7.3	0.7				
3/16	0.2	0.7	-0.5				
6/16 9/16 12/16	-2.5 4.8 -0.6	0.6 4.6 1.0	-0.3 -3.1 0.2 -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				
9/19	0.9	1.5	-0.6				

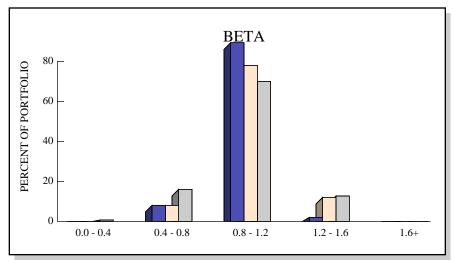
# STOCK CHARACTERISTICS

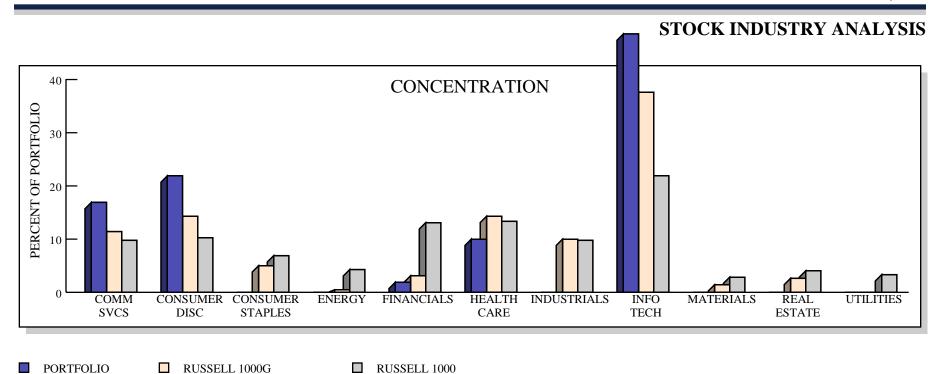


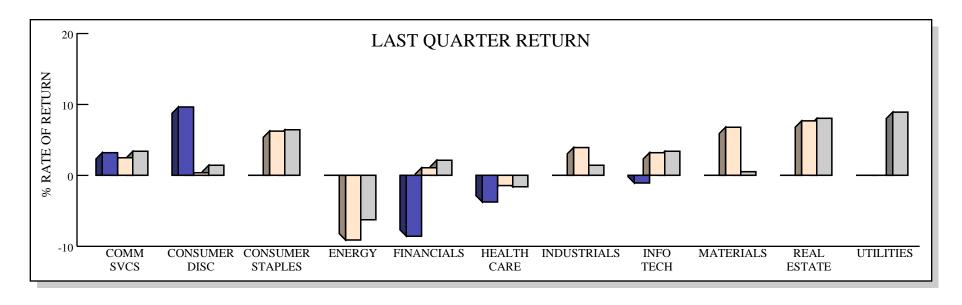


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	22	0.6%	22.3%	33.0	1.02	
RUSSELL 1000G	531	1.2%	18.4%	31.8	1.03	
RUSSELL 1000	1,001	1.8%	12.0%	26.9	0.99	

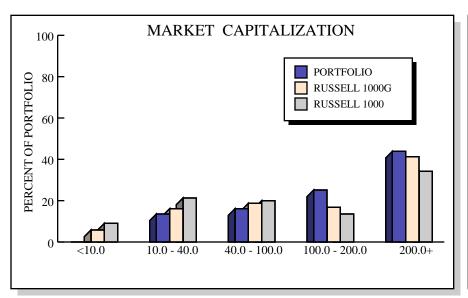


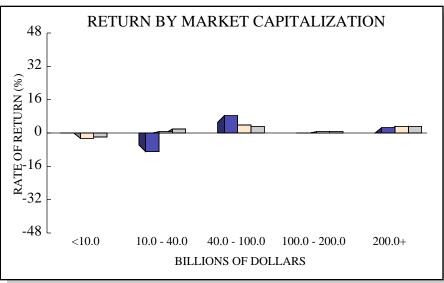






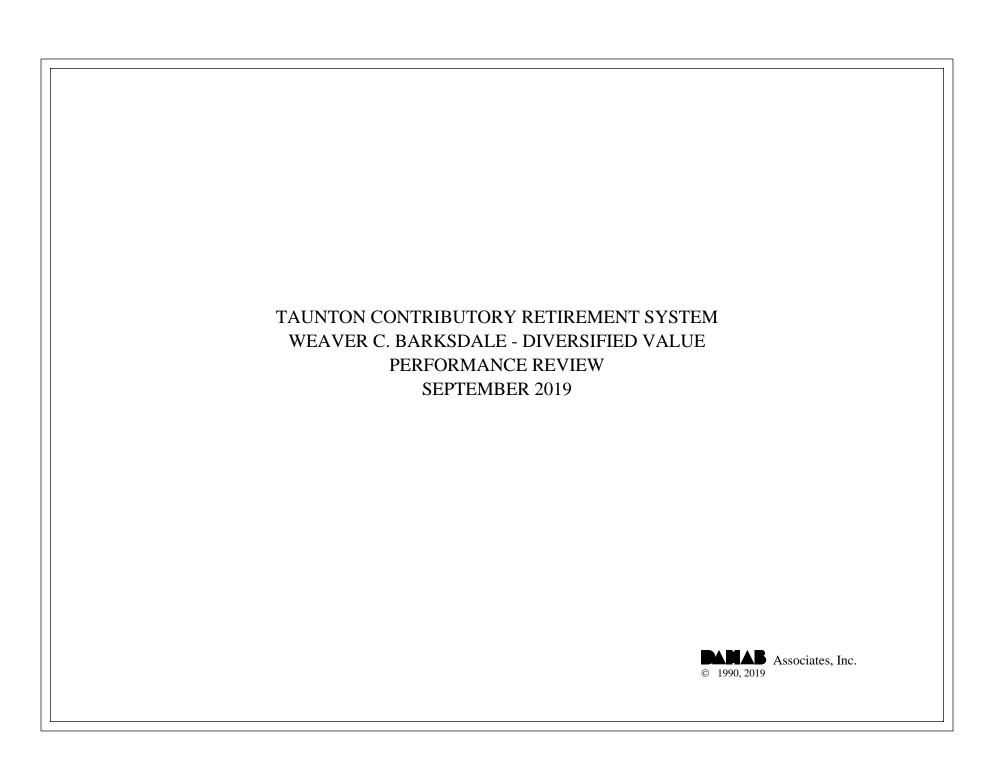
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	MICROSOFT CORP	\$ 2,881,814	10.17%	4.1%	Information Technology	\$ 1061.6 B
2	FACEBOOK INC-CLASS A	2,226,000	7.86%	-7.7%	Communication Services	428.4 B
3	VISA INC-CLASS A SHARES	2,166,810	7.65%	-0.8%	Information Technology	297.1 B
4	ALPHABET INC-CL C	2,103,994	7.43%	12.8%	Communication Services	423.4 B
5	ZOETIS INC	1,695,919	5.99%	9.9%	Health Care	59.5 B
6	ADOBE INC	1,653,633	5.84%	-6.2%	Information Technology	133.7 B
7	MASTERCARD INC - A	1,602,806	5.66%	2.8%	Information Technology	272.4 B
8	ACCENTURE PLC-CL A	1,464,938	5.17%	4.1%	Information Technology	122.6 B
9	DOLLAR GENERAL CORP	1,308,235	4.62%	17.9%	Consumer Discretionary	40.9 B
10	NIKE INC -CL B	1,263,787	4.46%	12.2%	Consumer Discretionary	117.6 B



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Weaver C. Barksdale Diversified Value portfolio was valued at \$26,944,892, representing an increase of \$914,265 from the June quarter's ending value of \$26,030,627. Last quarter, the Fund posted withdrawals totaling \$16,269, which partially offset the portfolio's net investment return of \$930,534. Income receipts totaling \$233,173 plus net realized and unrealized capital gains of \$697,361 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

For the third quarter, the Weaver C. Barksdale Diversified Value portfolio returned 3.6%, which was 2.2% above the Russell 1000 Value's return of 1.4% and ranked in the 7th percentile of the Large Cap Value universe. Over the trailing year, the portfolio returned 5.9%, which was 1.9% above the benchmark's 4.0% return, ranking in the 19th percentile. Since March 2017, the portfolio returned 10.8% annualized and ranked in the 20th percentile. The Russell 1000 Value returned an annualized 7.2% over the same period.

#### **ASSET ALLOCATION**

At the end of the third quarter, large cap equities comprised 99.1% of the total portfolio (\$26.7 million), while cash & equivalents totaled 0.9% (\$243,692).

#### **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 Health Care, Information Technology and Real Estate sectors. The remaining sectors were either underweight or closely matched to their index counterpart.

The portfolio outperformed relative to the index in seven of the eleven invested sectors. Included in these sectors were the overweight Health Care and Real Estate sectors. There were also strong gains seen in the Communication Services, Energy, Financials, Industrials and Materials sectors whose combined allocation helped the portfolio outpace the index. Overall the portfolio beat the index by a whopping 220 basis points.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/17	
Total Portfolio - Gross	3.6	16.7	5.9			10.8	
LARGE CAP VALUE RANK	(7)	(59)	(19)			(20)	
Total Portfolio - Net	3.5	16.5	5.7			10.5	
Russell 1000V	1.4	17.8	4.0	9.4	7.8	7.2	
<b>Large Cap Equity - Gross</b>	3.6	16.9	6.0			10.9	
LARGE CAP VALUE RANK	(7)	(58)	(19)			(19)	
Russell 1000V	1.4	17.8	4.0	9.4	7.8	7.2	
Russell 1000G	1.5	23.3	3.7	16.9	13.4	16.1	
Russell 1000	1.4	20.5	3.9	13.2	10.6	11.6	

ASSET ALLOCATION					
Large Cap Equity Cash	99.1% 0.9%	\$ 26,701,200 243,692			
Total Portfolio	100.0%	\$ 26,944,892			

## INVESTMENT RETURN

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

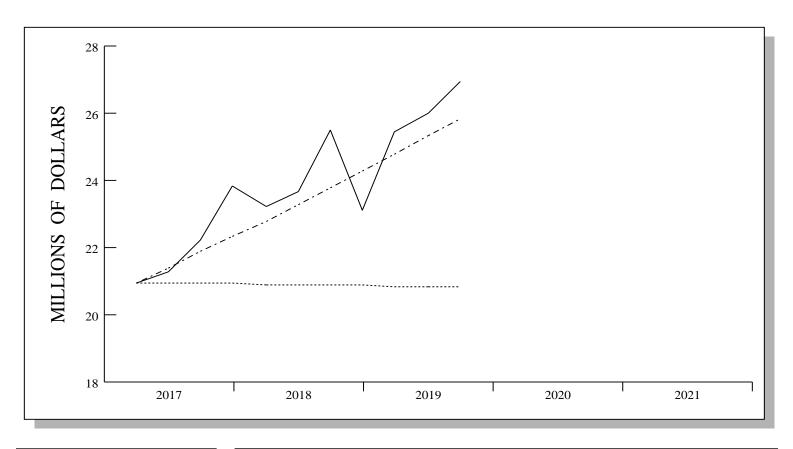
 Contribs / Withdrawals
 - 16,269

 Income
 233,173

 Capital Gains / Losses
 697,361

 Market Value 9/2019
 \$ 26,944,892

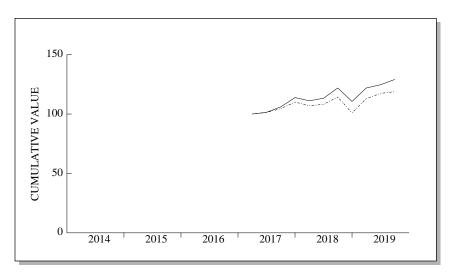
## **INVESTMENT GROWTH**

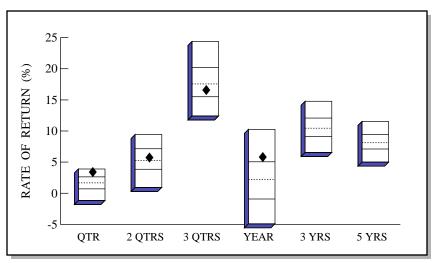


VALUE ASSUMING
9.0% RETURN \$ 25,876,080

	LAST QUARTER	PERIOD 3/17 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 26,030,627 - 16,269 930,534 \$ 26,944,892	\$ 20,977,401 -130,672 6,098,163 \$ 26,944,892
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{233,173}{697,361}$ 930,534	1,974,671 4,123,492 6,098,163

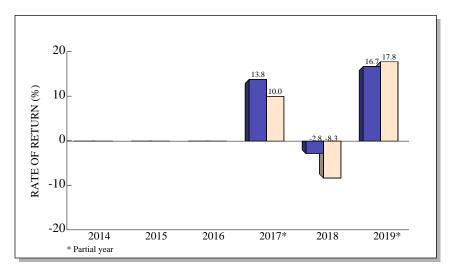
## TOTAL RETURN COMPARISONS





Large Cap Value Universe



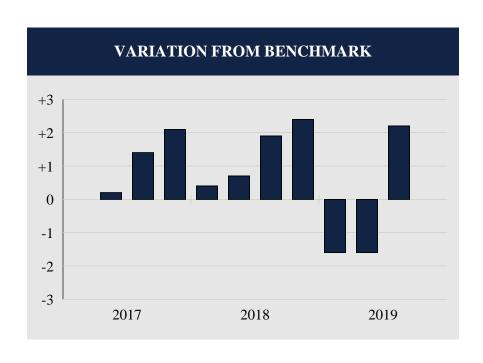


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	3.6	5.9	16.7	5.9		
(RANK)	(7)	(42)	(59)	(19)		
5TH %ILE	3.9	9.5	24.4	10.3	14.8	11.5
25TH %ILE	2.6	7.1	20.2	5.1	12.1	9.5
MEDIAN	1.7	5.3	17.6	2.2	10.5	8.1
75TH %ILE	0.7	3.9	15.5	-0.9	9.2	7.1
95TH %ILE	-1.2	0.9	12.4	-4.9	6.5	5.0
Russ 1000V	1.4	5.3	17.8	4.0	9.4	7.8

Large Cap Value Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

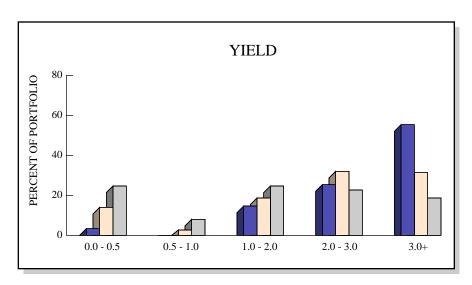
COMPARATIVE BENCHMARK: RUSSELL 1000 VALUE

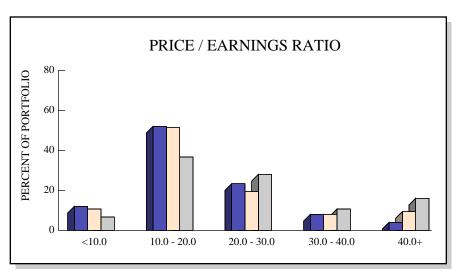


Total Quarters Observed	10
Quarters At or Above the Benchmark	8
<b>Quarters Below the Benchmark</b>	2
Batting Average	.800

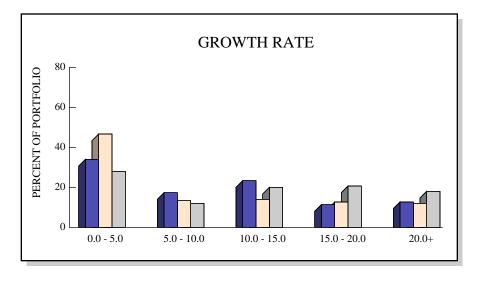
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/17 9/17	1.5 4.5	1.3 3.1	0.2 1.4			
12/17	7.4	5.3	2.1			
3/18 6/18 9/18	-2.4 1.9 7.6	-2.8 1.2 5.7	0.4 0.7 1.9			
12/18 3/19	-9.3 10.3	-11.7 11.9	2.4 -1.6			
6/19 9/19	2.2 3.6	3.8 1.4	-1.6 -1.6 2.2			
2, 22						

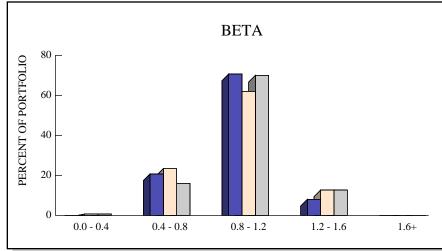
## STOCK CHARACTERISTICS



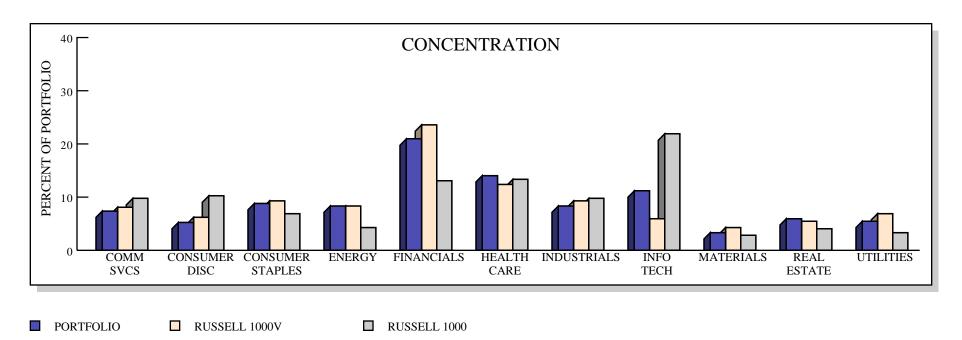


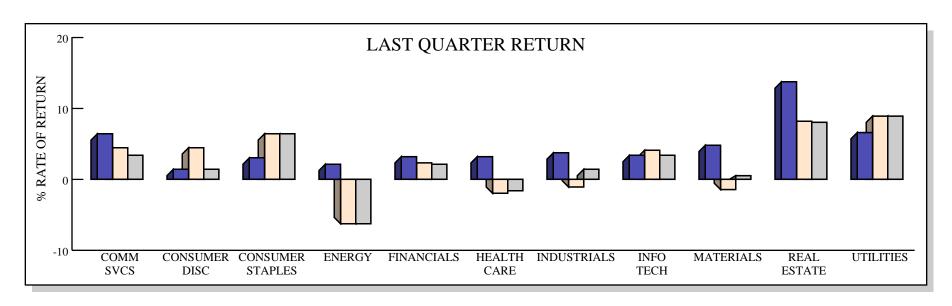
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLI	O 58	3.1%	9.8%	19.7	0.95	
RUSSELL 1	.000V 765	2.5%	5.5%	21.7	0.94	
RUSSELL 1	1,001	1.8%	12.0%	26.9	0.99	



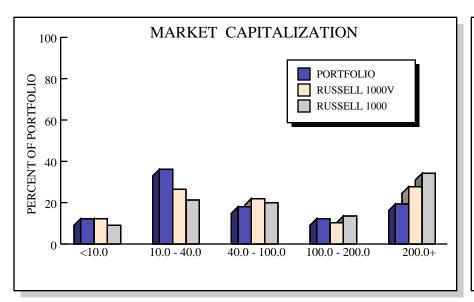


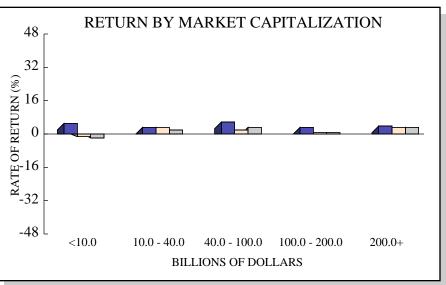
## STOCK INDUSTRY ANALYSIS





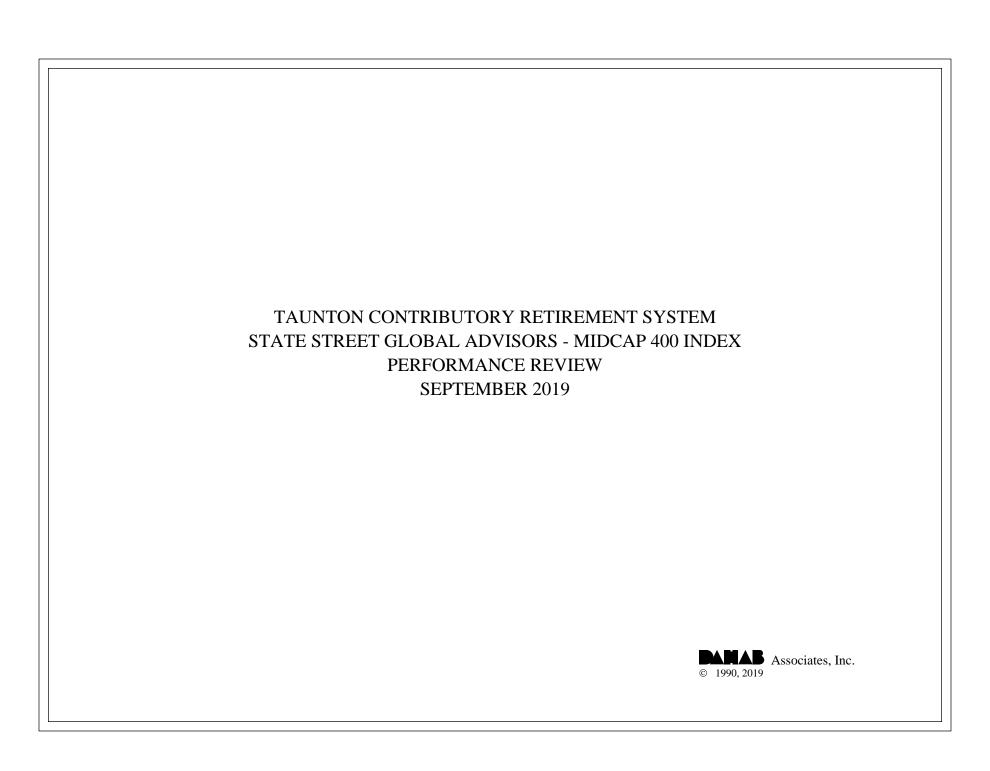
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	OLD REPUBLIC INTL CORP	\$ 586,728	2.20%	11.0%	Financials	\$ 7.1 B
2	STORE CAPITAL CORP	568,894	2.13%	13.8%	Real Estate	8.6 B
3	APPLE INC	559,925	2.10%	13.6%	Information Technology	1012.2 B
4	EVERSOURCE ENERGY	551,196	2.06%	13.5%	Utilities	27.7 B
5	REALTY INCOME CORP	546,038	2.04%	12.2%	Real Estate	24.4 B
6	TEXAS INSTRUMENTS INC	542,808	2.03%	13.3%	Information Technology	120.7 B
7	TYSON FOODS INC-CL A	538,375	2.02%	7.1%	Consumer Staples	25.4 B
8	CINCINNATI FINANCIAL CORP	534,465	2.00%	13.1%	Financials	19.1 B
9	AMERIPRISE FINANCIAL INC	532,208	1.99%	2.1%	Financials	19.3 B
10	MEDTRONIC PLC	530,066	1.99%	12.7%	Health Care	145.7 B



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors Midcap 400 Index portfolio was valued at \$6,670,667, a decrease of \$7,245 from the June ending value of \$6,677,912. Last quarter, the account recorded total net withdrawals of \$817 in addition to \$6,428 in net investment losses. Because there were no income receipts during the third quarter, the portfolio's net investment losses were entirely made up of capital losses (realized and unrealized).

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the State Street Global Advisors Midcap 400 Index portfolio lost 0.1%, which was equal to the S&P 400 Index's return of -0.1% and ranked in the 58th percentile of the Mid Cap universe. Over the trailing twelve-month period, this portfolio returned -2.5%, which was equal to the benchmark's -2.5% return, and ranked in the 78th percentile. Since September 2017, the portfolio returned 5.5% per annum and ranked in the 70th percentile. For comparison, the S&P 400 returned an annualized 5.5% over the same period.

#### 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	-0.1	17.9	-2.5			5.5	
MID CAP RANK	(58)	(76)	(78)			(70)	
Total Portfolio - Net	-0.1	17.9	-2.5			5.5	
S&P 400	-0.1	17.9	-2.5	9.4	8.9	5.5	
Mid Cap Equity - Gross	-0.1	17.9	-2.5			5.5	
MID CAP RANK	(58)	(76)	(78)			(70)	
S&P 400	-0.1	17.9	-2.5	9.4	8.9	5.5	

ASSET ALLOCATION					
Mid Cap Equity	100.0%	\$ 6,670,667			
Total Portfolio	100.0%	\$ 6,670,667			

## INVESTMENT RETURN

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

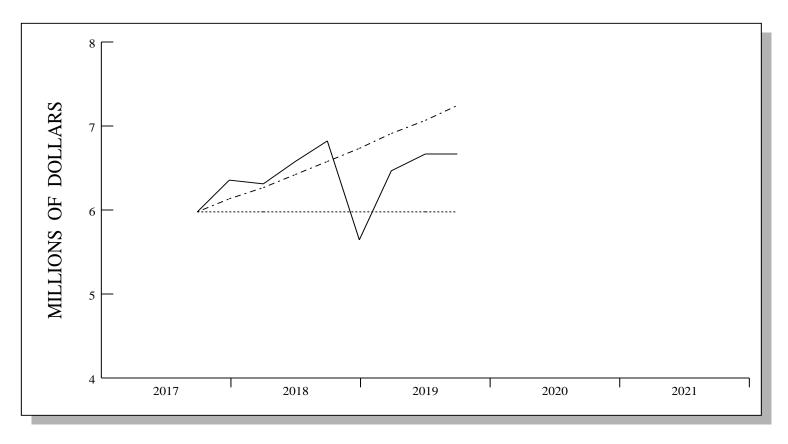
 Contribs / Withdrawals
 -817

 Income
 0

 Capital Gains / Losses
 -6,428

 Market Value 9/2019
 \$ 6,670,667

## **INVESTMENT GROWTH**

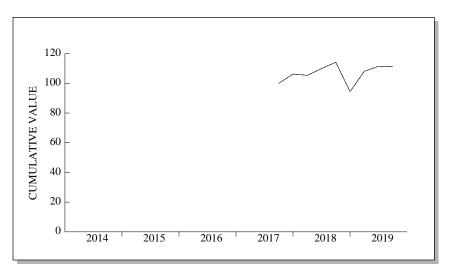


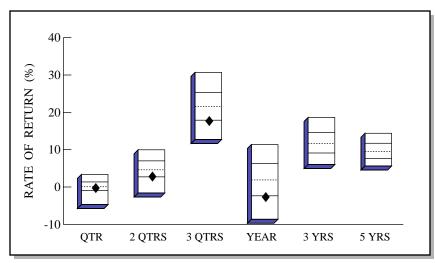
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 7,247,950

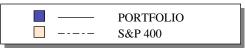
	LAST QUARTER	PERIOD 9/17 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 6,677,912 -817 - 6,428 \$ 6,670,667	\$ 5,995,802 - 6,408 681,273 \$ 6,670,667
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{-6,428} \\ -6,428$	$ \begin{array}{c} 0 \\ 681,273 \\ \hline 681,273 \end{array} $

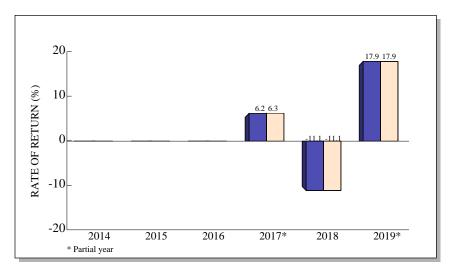
## TOTAL RETURN COMPARISONS





Mid Cap Universe



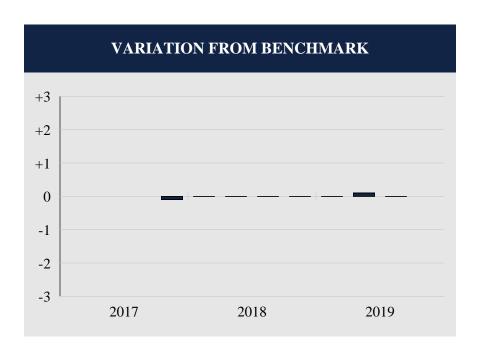


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	_5 YRS
RETURN	-0.1	3.0	17.9	-2.5		
(RANK)	(58)	(69)	(76)	(78)		
5TH %ILE	3.3	10.0	30.7	11.4	18.7	14.4
25TH %ILE	1.4	7.0	25.3	6.3	14.7	11.7
MEDIAN	0.1	4.6	21.5	1.9	11.7	9.6
75TH %ILE	-1.0	2.7	17.9	-2.4	9.1	7.6
95TH %ILE	-4.7	-1.6	12.7	-8.7	6.0	5.6
S&P 400	-0.1	3.0	17.9	-2.5	9.4	8.9

Mid Cap Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

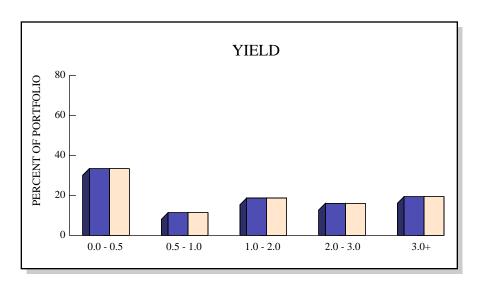
**COMPARATIVE BENCHMARK: S&P 400** 

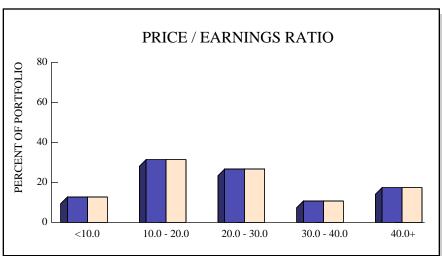


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7
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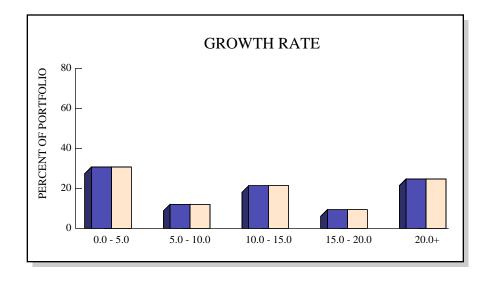
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	6.2	6.3	-0.1			
3/18	-0.8	-0.8	0.0			
6/18 9/18	4.3 3.9	4.3 3.9	0.0 0.0			
12/18	-17.3	-17.3	0.0			
3/19 6/19	14.5 3.1	14.5 3.0	0.0 0.1			
9/19	-0.1	-0.1	0.0			

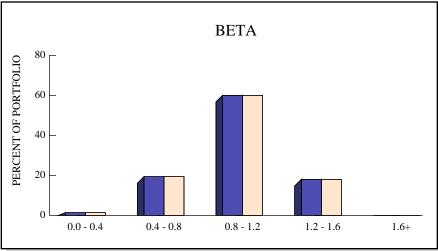
## STOCK CHARACTERISTICS



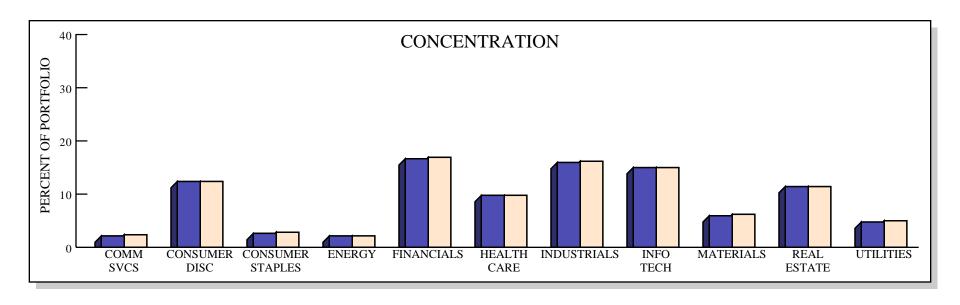


PORTFOLIO 400 1.7% 12.0% 25.3 0.98		# HOLDINGS	YIELD	GROWTH	P/E	BETA	
S&P 400 400 1.7% 12.0% 25.3 0.98	PORTFOLIO	400	1.7%	12.0%	25.3	0.98	
Sel 400 1.7% 12.0% 23.3 0.76	S&P 400	400	1.7%	12.0%	25.3	0.98	

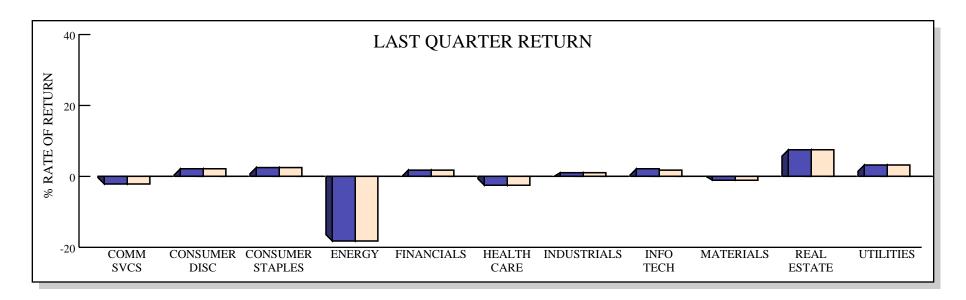




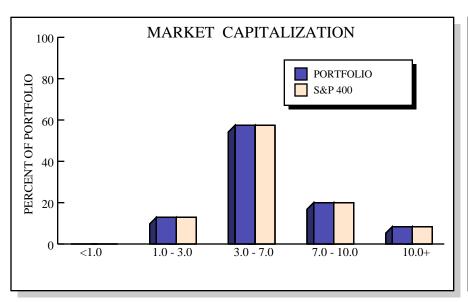
## STOCK INDUSTRY ANALYSIS

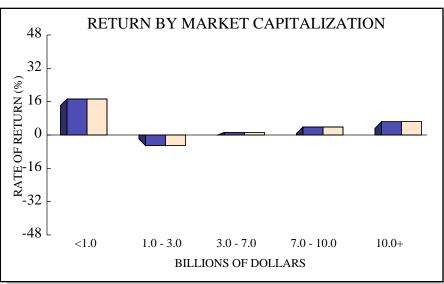






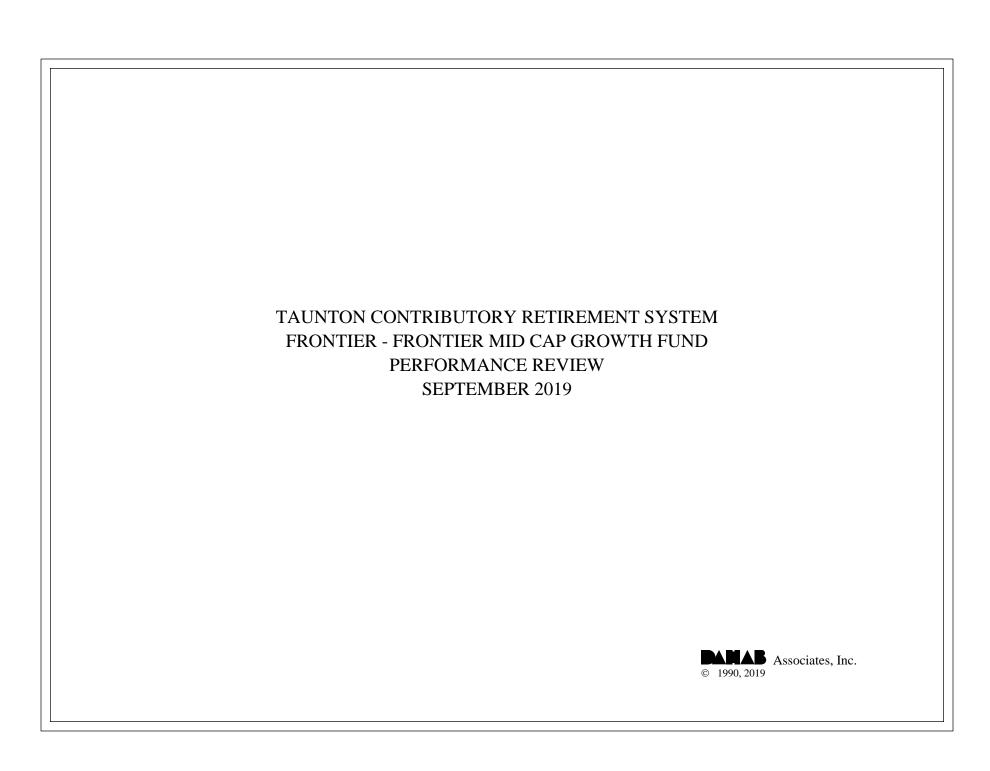
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	STERIS PLC	\$ 47,248	.71%	-2.7%	Health Care	\$ 12.2 B
2	TELEDYNE TECHNOLOGIES INC	45,079	.68%	17.6%	Industrials	11.7 B
3	ALLEGHANY CORP	44,675	.67%	17.1%	Financials	11.5 B
4	ZEBRA TECHNOLOGIES CORP-CL A	43,131	.65%	-1.5%	Information Technology	11.2 B
5	OLD DOMINION FREIGHT LINE	41,983	.63%	14.0%	Industrials	13.6 B
6	CAMDEN PROPERTY TRUST	41,518	.62%	7.1%	Real Estate	10.7 B
7	UGI CORP	40,518	.61%	-5.3%	Utilities	10.5 B
8	WR BERKLEY CORP	40,304	.60%	9.7%	Financials	13.2 B
9	WEST PHARMACEUTICAL SERVICES	40,277	.60%	13.5%	Health Care	10.5 B
10	TYLER TECHNOLOGIES INC	39,113	.59%	21.5%	Information Technology	10.1 B



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Frontier Frontier Mid Cap Growth Fund was valued at \$17,826,952, a decrease of \$164,723 from the June ending value of \$17,991,675. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$164,723. Since there were no income receipts for the third quarter, net investment losses were the result of capital losses (realized and unrealized).

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the Frontier Frontier Mid Cap Growth Fund lost 0.7%, which was equal to the Russell Mid Cap Growth Index's return of -0.7% and ranked in the 49th percentile of the Mid Cap Growth universe. Over the trailing year, the portfolio returned 5.1%, which was 0.1% less than the benchmark's 5.2% performance, and ranked in the 49th percentile. Since June 2016, the account returned 14.2% per annum and ranked in the 60th percentile. For comparison, the Russell Mid Cap Growth returned an annualized 14.9% over the same time frame.

#### 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	Since 06/16	
Total Portfolio - Gross	-0.7	23.8	5.1	13.8		14.2	
MID CAP GROWTH RANK	(49)	(57)	(49)	(61)		(60)	
Total Portfolio - Net	-0.9	23.2	4.3	13.0		13.4	
Russ Mid Gro	-0.7	25.2	5.2	14.5	11.1	14.9	
Mid Cap Equity - Gross	-0.7	23.8	5.1	13.8		14.2	
MID CAP GROWTH RANK	(49)	(57)	(49)	(61)		(60)	
Russ Mid Gro	-0.7	25.2	5.2	14.5	11.1	14.9	
Russell Mid	0.5	21.9	3.2	10.7	9.1	11.3	
S&P 400	-0.1	17.9	-2.5	9.4	8.9	10.0	
Russ Mid Val	1.2	19.5	1.6	7.8	7.5	8.6	

ASSET ALLOCATION							
Mid Cap Equity	100.0%	\$ 17,826,952					
Total Portfolio	100.0%	\$ 17,826,952					

## INVESTMENT RETURN

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

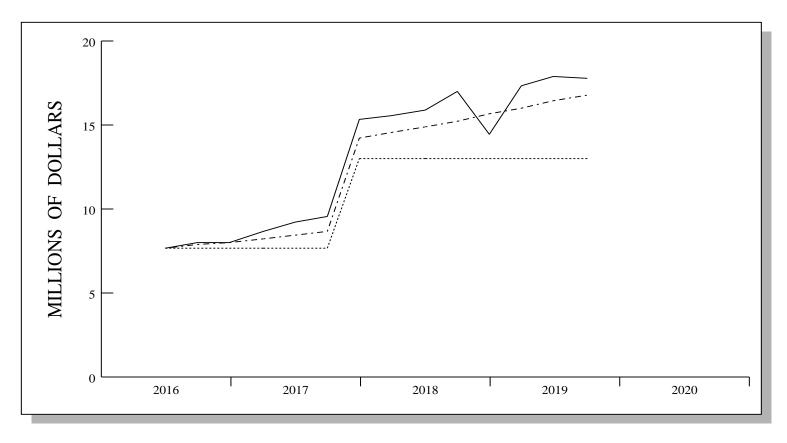
 Contribs / Withdrawals
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 Income
 0

 Capital Gains / Losses
 -164,723

 Market Value 9/2019
 \$ 17,826,952

## **INVESTMENT GROWTH**

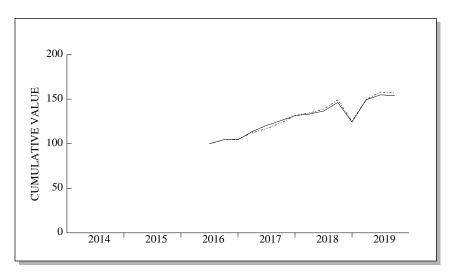


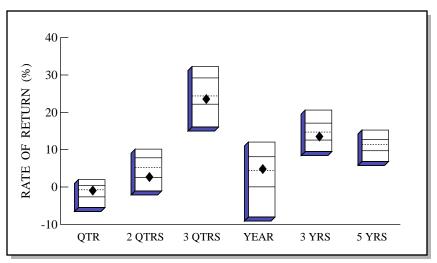
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 16,846,394

	LAST QUARTER	PERIOD 6/16 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 17,991,675 0 -164,723 \$ 17,826,952	\$ 7,713,995 5,311,251 4,801,706 \$ 17,826,952
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -164,723 \\ \hline -164,723 \end{array} $	52,291 4,749,415 4,801,706

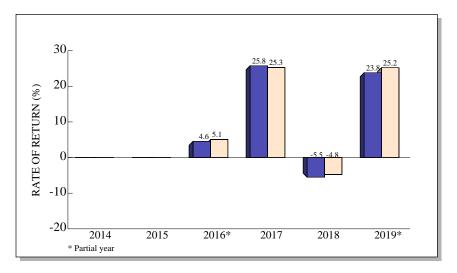
## TOTAL RETURN COMPARISONS





Mid Cap Growth Universe



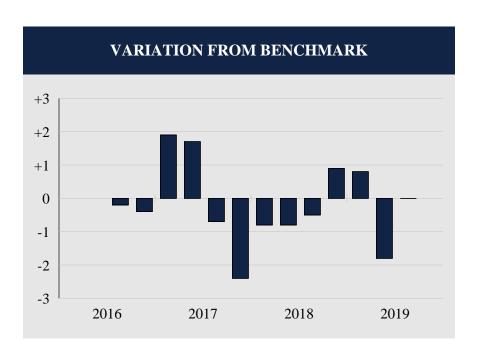


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	-0.7	2.9	23.8	5.1	13.8	
(RANK)	(49)	(71)	(57)	(49)	(61)	
5TH %ILE	2.0	10.2	32.3	12.0	20.6	15.3
25TH %ILE	0.4	7.8	29.2	8.1	17.1	12.7
MEDIAN	-0.8	5.3	24.4	4.5	14.7	11.4
75TH %ILE	-2.6	2.6	22.2	0.0	12.6	9.7
95TH %ILE	-5.5	-1.1	16.0	-8.1	9.5	6.9
Russ MCG	-0.7	4.7	25.2	5.2	14.5	11.1

Mid Cap Growth Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

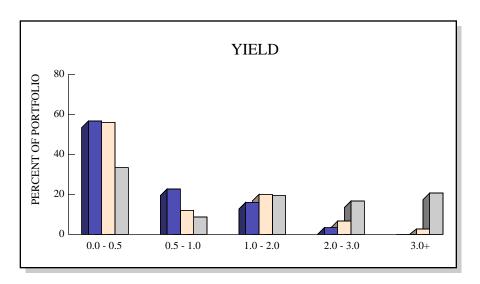
### COMPARATIVE BENCHMARK: RUSSELL MID CAP GROWTH

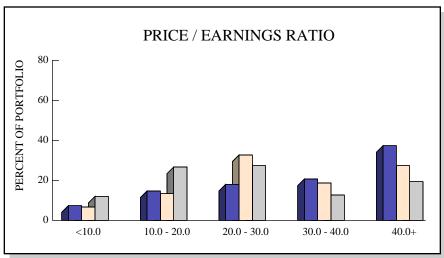


<b>Total Quarters Observed</b>	13
Quarters At or Above the Benchmark	5
<b>Quarters Below the Benchmark</b>	8
Batting Average	.385

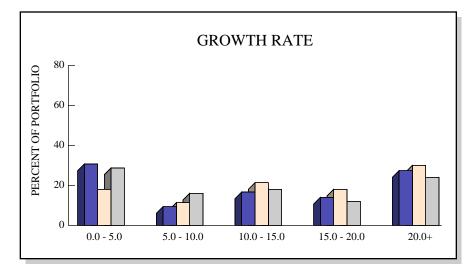
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/16	4.4	4.6	-0.2				
12/16	0.1	0.5	-0.4				
3/17	8.8	6.9	1.9				
6/17	5.9	4.2	1.7				
9/17	4.6	5.3	-0.7				
12/17	4.4	6.8	-2.4				
3/18	1.4	2.2	-0.8				
6/18	2.4	3.2	-0.8				
9/18	7.1	7.6	-0.5				
12/18	-15.1	-16.0	0.9				
3/19	20.4	19.6	0.8				
6/19	3.6	5.4	-1.8				
9/19	-0.7	-0.7	0.0				

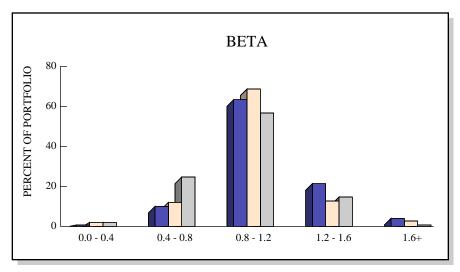
## STOCK CHARACTERISTICS



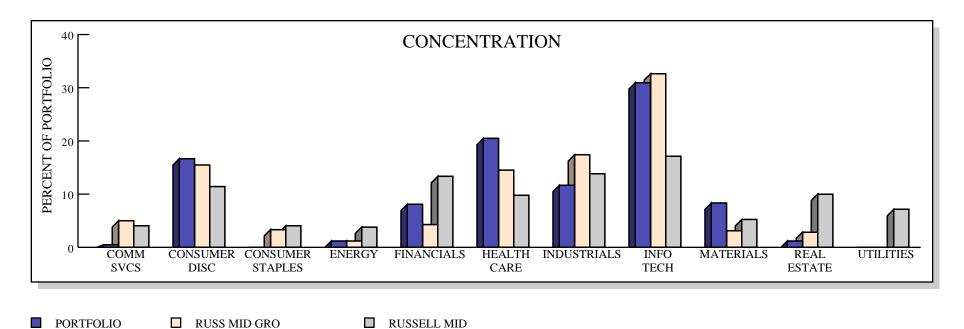


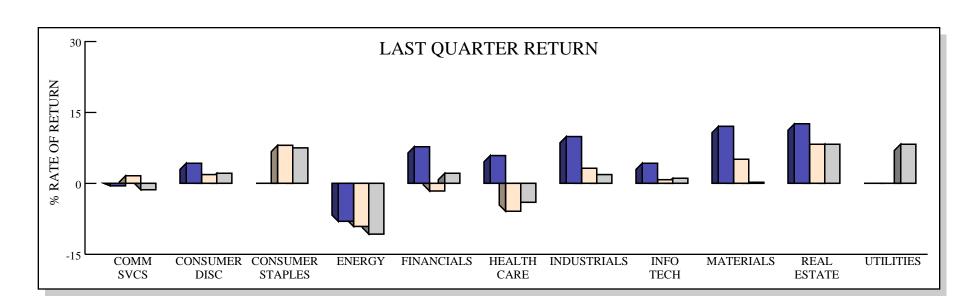
	# HOLDINGS	YIELD	GROWTH	P/E	BETA
PORTFOLIO	89	0.5%	15.1%	33.4	1.07
RUSS MID GRO	403	0.7%	16.6%	31.2	1.00
RUSSELL MID	805	1.7%	12.3%	26.0	0.94



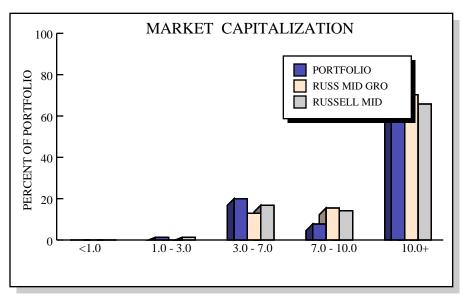


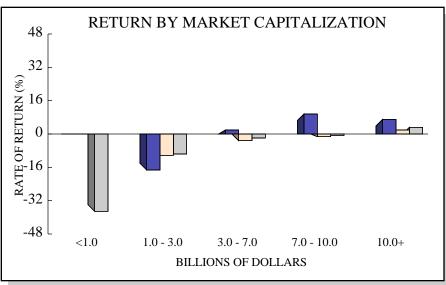
## STOCK INDUSTRY ANALYSIS





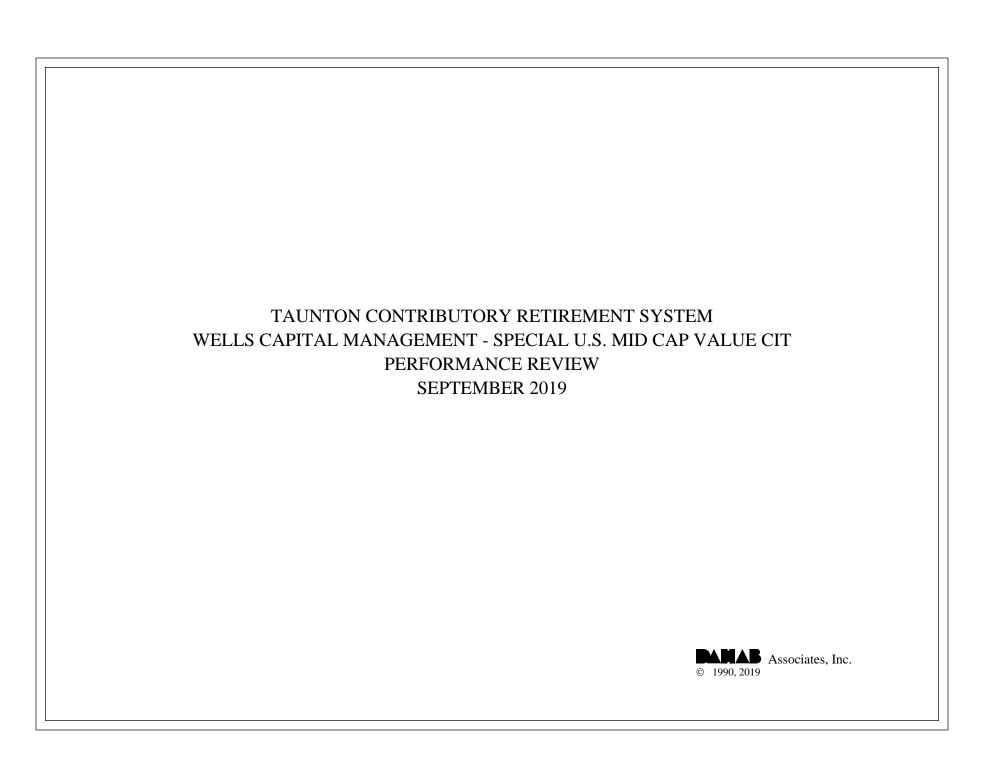
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	GLOBAL PAYMENTS INC	\$ 648,687	3.64%	17.3%	Information Technology	\$ 25.1 B
2	BALL CORP	513,307	2.88%	21.3%	Materials	23.4 B
3	SS&C TECHNOLOGIES HOLDINGS	477,126	2.68%	-9.4%	Information Technology	14.6 B
4	DOLLAR GENERAL CORP	454,678	2.55%	13.6%	Consumer Discretionary	34.9 B
5	WEX INC	435,345	2.44%	8.4%	Information Technology	9.0 B
6	WASTE CONNECTIONS INC	415,104	2.33%	8.1%	Industrials	25.2 B
7	CINTAS CORP	367,799	2.06%	17.4%	Industrials	24.8 B
8	ELDORADO RESORTS INC	363,492	2.04%	-1.3%	Consumer Discretionary	3.6 B
9	SERVICENOW INC	345,684	1.94%	11.4%	Information Technology	50.9 B
10	COOPER COS INC/THE	344,975	1.94%	13.8%	Health Care	16.7 B



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Wells Capital Management Special U.S. Mid Cap Value CIT portfolio was valued at \$17,198,859, representing an increase of \$416,341 from the June quarter's ending value of \$16,782,518. Last quarter, the Fund posted withdrawals totaling \$28,660, which partially offset the portfolio's net investment return of \$445,001. Income receipts totaling \$43,615 plus net realized and unrealized capital gains of \$401,386 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

As of September 2019 the Wells Capital Management Special U.S. Mid Cap Value portfolio was transitioned into the Wells Capital Management Special U.S. Mid Cap Value CIT fund. The history of the Wells Capital Management Special U.S. Mid Cap Value portfolio is portrayed in the previous year's performance.

For the third quarter, the Wells Capital Management Special U.S. Mid Cap Value CIT portfolio returned 2.8%, which was 1.6% above the Russell Mid Cap Value Index's return of 1.2% and ranked in the 18th percentile of the Mid Cap Value universe. Over the trailing year, the portfolio returned 8.8%, which was 7.2% above the benchmark's 1.6% return, ranking in the 8th percentile. Since June 2016, the portfolio returned 10.9% annualized and ranked in the 36th percentile. The Russell Mid Cap Value returned an annualized 8.6% over the same period.

#### ASSET ALLOCATION

This account was fully invested in Wells Capital Management Special U.S. Mid Cap Value CIT fund.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/16		
Total Portfolio - Gross	2.8	25.8	8.8	10.1		10.9		
MID CAP VALUE RANK	(18)	(8)	(8)	(36)		(36)		
<b>Fotal Portfolio - Net</b> 2.7 25.2 8.1 9.4 10.2								
Russ Mid Val	1.2	19.5	1.6	7.8	7.5	8.6		
Mid Cap Equity - Gross	2.8	27.0	9.1	10.5		11.3		
MID CAP VALUE RANK	(18)	(6)	(7)	(33)		(33)		
Russ Mid Val	1.2	19.5	1.6	7.8	7.5	8.6		
Russell Mid	0.5	21.9	3.2	10.7	9.1	11.3		
Russ Mid Gro	-0.7	25.2	5.2	14.5	11.1	14.9		

ASSET ALLOCATION						
Mid Cap Equity	100.0%	\$ 17,198,859				
Total Portfolio	100.0%	\$ 17,198,859				

## INVESTMENT RETURN

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

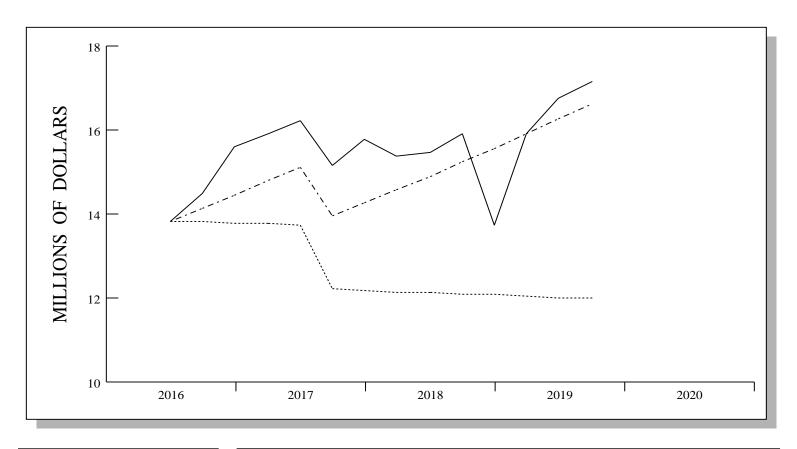
 Contribs / Withdrawals
 - 28,660

 Income
 43,615

 Capital Gains / Losses
 401,386

 Market Value 9/2019
 \$ 17,198,859

## **INVESTMENT GROWTH**

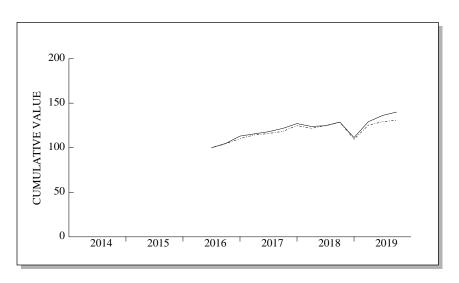


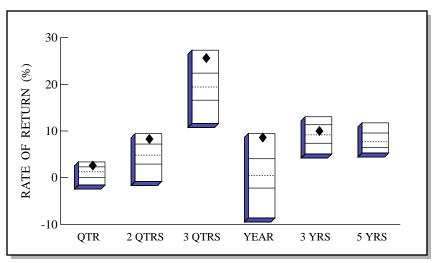
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 16,657,622

	LAST QUARTER	PERIOD 6/16 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$$16,782,518 \\ -28,660 \\ 445,001 \\ \hline $17,198,859$	\$ 13,846,726 -1,838,967 
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{43,615}{401,386}$ $445,001$	906,559 4,284,541 5,191,100

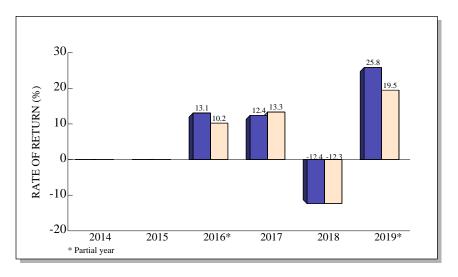
## TOTAL RETURN COMPARISONS





Mid Cap Value Universe



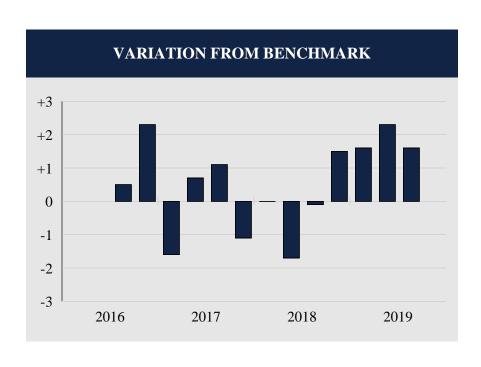


					ANNUA	LIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.8	8.5	25.8	8.8	10.1	
(RANK)	(18)	(10)	(8)	(8)	(36)	
5TH %ILE	3.4	9.4	27.3	9.5	13.1	11.7
25TH %ILE	2.3	7.2	22.4	4.1	11.3	9.6
MEDIAN	1.3	4.8	19.4	0.5	9.2	7.7
75TH %ILE	0.1	2.9	16.6	-2.2	7.4	6.4
95TH %ILE	-1.6	-0.8	11.6	-8.6	5.1	5.3
Russ MCV	1.2	4.5	19.5	1.6	7.8	7.5

Mid Cap Value Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

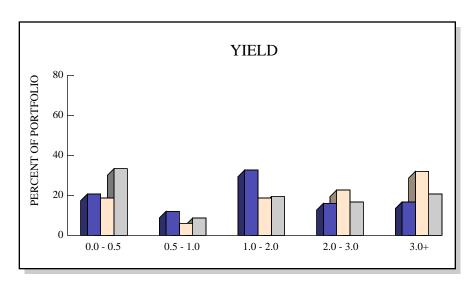
### COMPARATIVE BENCHMARK: RUSSELL MID CAP VALUE

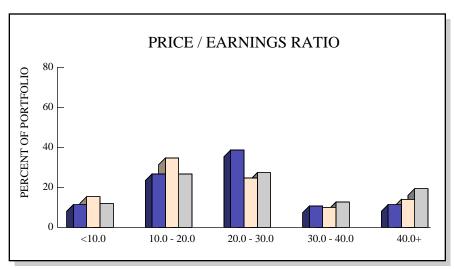


<b>Total Quarters Observed</b>	13
Quarters At or Above the Benchmark	9
Quarters Below the Benchmark	4
<b>Batting Average</b>	.692

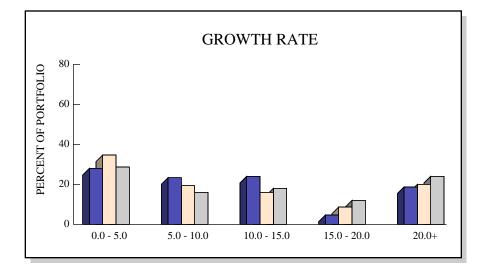
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/16	4.9	4.4	0.5			
12/16	7.8	5.5	2.3			
3/17	2.2	3.8	-1.6			
6/17	2.1	1.4	0.7			
9/17	3.2	2.1	1.1			
12/17	4.4	5.5	-1.1			
3/18	-2.5	-2.5	0.0			
6/18	0.7	2.4	-1.7			
9/18	3.2	3.3	-0.1			
12/18	-13.5	-15.0	1.5			
3/19	16.0	14.4	1.6			
6/19	5.5	3.2	2.3			
9/19	2.8	1.2	1.6			

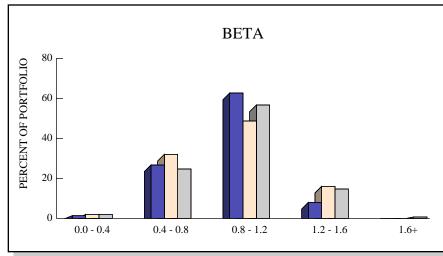
## STOCK CHARACTERISTICS



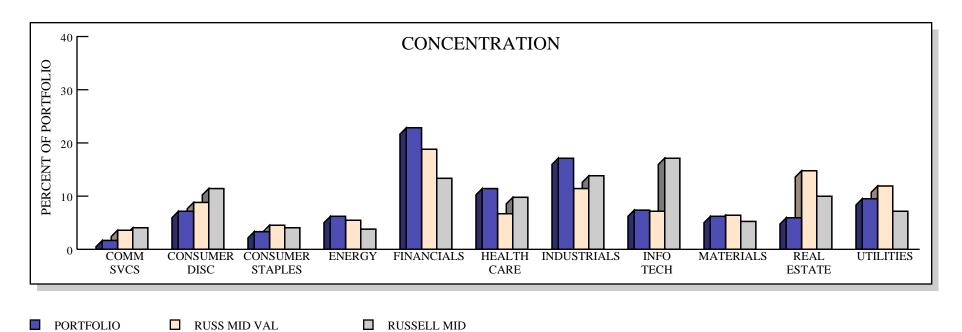


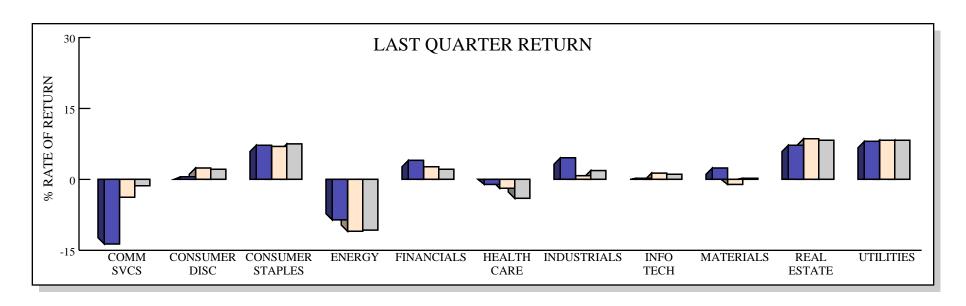
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	66	1.9%	9.0%	25.1	0.92	
RUSS MID VAL	632	2.4%	9.5%	22.8	0.91	
RUSSELL MID	805	1.7%	12.3%	26.0	0.94	



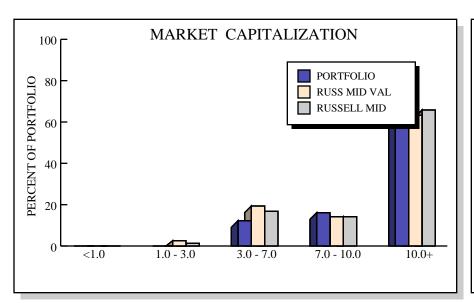


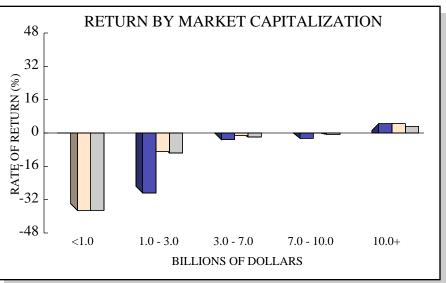
## STOCK INDUSTRY ANALYSIS





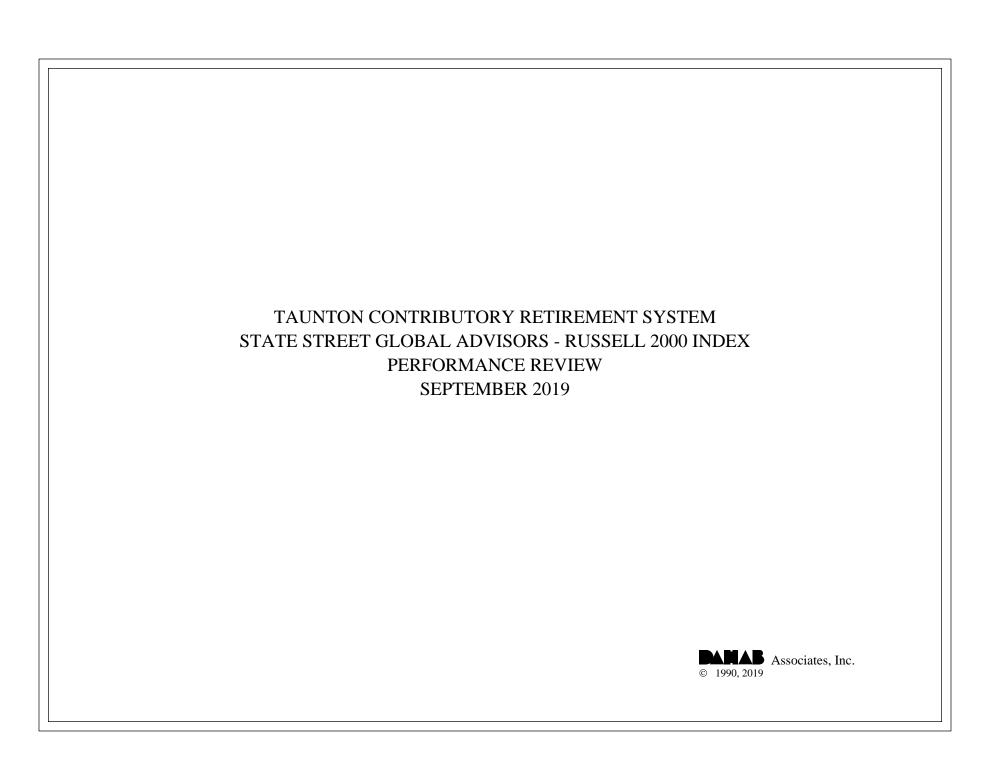
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	BROWN & BROWN INC	\$ 522,834	3.04%	7.9%	Financials	\$ 10.1 B
2	KANSAS CITY SOUTHERN	500,650	2.91%	9.5%	Industrials	13.3 B
3	JACOBS ENGINEERING GROUP INC	491,355	2.86%	8.6%	Industrials	12.4 B
4	AMDOCS LTD	479,430	2.79%	6.9%	Information Technology	9.0 B
5	AMEREN CORPORATION	468,533	2.72%	7.3%	Utilities	20.3 B
6	AMERICAN ELECTRIC POWER	440,718	2.56%	7.3%	Utilities	46.3 B
7	ARCH CAPITAL GROUP LTD	410,271	2.39%	13.2%	Financials	17.0 B
8	REPUBLIC SERVICES INC	409,728	2.38%	0.4%	Industrials	27.8 B
9	AMERICAN WATER WORKS CO INC	378,032	2.20%	7.5%	Utilities	22.4 B
10	ALLSTATE CORP	373,098	2.17%	7.4%	Financials	35.8 B



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors Russell 2000 Index portfolio was valued at \$5,545,671, a decrease of \$136,345 from the June ending value of \$5,682,016. Last quarter, the account recorded total net withdrawals of \$698 in addition to \$135,647 in net investment losses. Because there were no income receipts during the third quarter, the portfolio's net investment losses were entirely made up of capital losses (realized and unrealized).

#### **RELATIVE PERFORMANCE**

During the third quarter, the State Street Global Advisors Russell 2000 Index portfolio lost 2.4%, which was equal to the Russell 2000 Index's return of -2.4% and ranked in the 64th percentile of the Small Cap universe. Over the trailing twelve-month period, this portfolio returned -8.9%, which was equal to the benchmark's -8.9% return, and ranked in the 67th percentile. Since September 2017, the portfolio returned 2.5% per annum and ranked in the 60th percentile. For comparison, the Russell 2000 returned an annualized 2.4% over the same period.

#### 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	-2.4	14.2	-8.9			2.5	
SMALL CAP RANK	(64)	(66)	(67)			(60)	
Total Portfolio - Net	-2.4	14.2	-8.9			2.5	
Russell 2000	-2.4	14.2	-8.9	8.2	8.2	2.4	
Small Cap Equity - Gross	-2.4	14.2	-8.9			2.5	
SMALL CAP RANK	(64)	(66)	(67)			(60)	
Russell 2000	-2.4	14.2	-8.9	8.2	8.2	2.4	

ASSET ALLOCATION					
Small Cap	100.0%	\$ 5,545,671			
Total Portfolio	100.0%	\$ 5,545,671			

## INVESTMENT RETURN

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

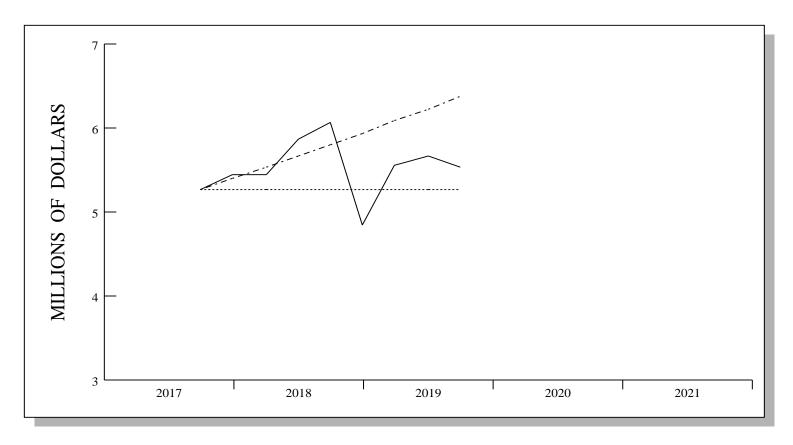
 Contribs / Withdrawals
 -698

 Income
 0

 Capital Gains / Losses
 -135,647

 Market Value 9/2019
 \$ 5,545,671

## **INVESTMENT GROWTH**

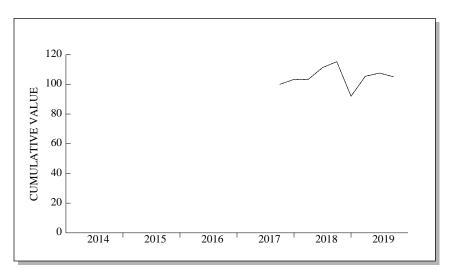


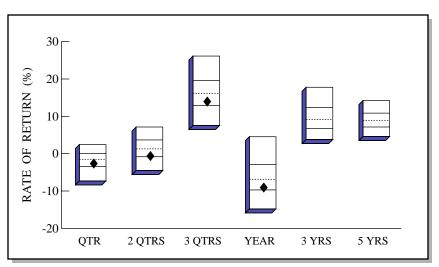
----- ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 6,387,468

	LAST QUARTER	PERIOD 9/17 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,682,016 -698 -135,647 \$ 5,545,671	\$ 5,282,771 - 4,357 267,257 \$ 5,545,671
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -135,647 \\ \hline -135,647 \end{array} $	$ \begin{array}{c} 0 \\ 267,257 \\ \hline 267,257 \end{array} $

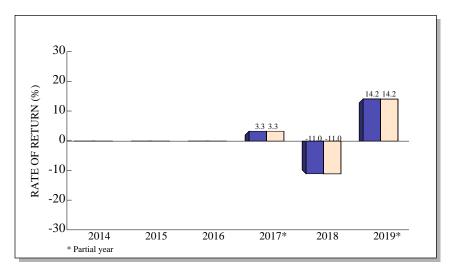
# TOTAL RETURN COMPARISONS





Small Cap Universe



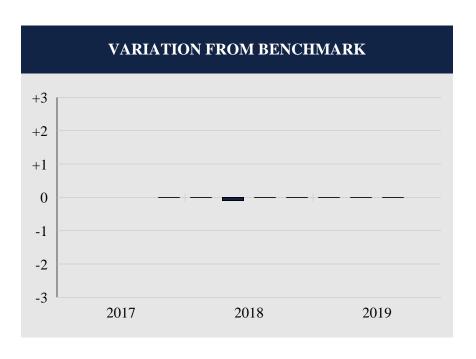


					ANNU <i>A</i>	ALIZED
	_QTR_	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-2.4	-0.3	14.2	-8.9		
(RANK)	(64)	(70)	(66)	(67)		
5TH %ILE	2.4	7.1	26.2	4.5	17.8	14.2
25TH %ILE	0.0	3.7	19.6	-2.9	12.4	10.8
MEDIAN	-1.5	1.3	16.1	-6.9	9.2	8.9
75TH %ILE	-3.4	-0.8	12.9	-9.7	6.7	7.1
95TH %ILE	-7.3	-4.5	7.6	-14.8	3.8	4.6
Russ 2000	-2.4	-0.4	14.2	-8.9	8.2	8.2

Small Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

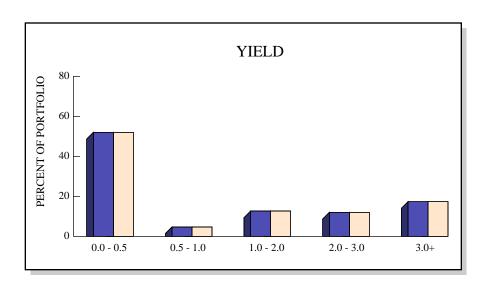
**COMPARATIVE BENCHMARK: RUSSELL 2000** 

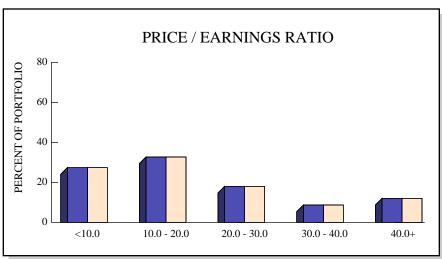


Total Quarters Observed	8
Quarters At or Above the Benchmark	7
Quarters Below the Benchmark	1
Batting Average	.875

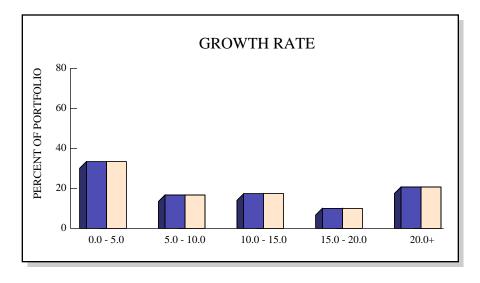
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	3.3	3.3	0.0			
3/18	-0.1	-0.1	0.0			
6/18 9/18	7.7 3.6	7.8 3.6	-0.1 0.0			
12/18	-20.2	-20.2	0.0			
3/19	14.6	14.6	0.0			
6/19	2.1	2.1	0.0			
9/19	-2.4	-2.4	0.0			

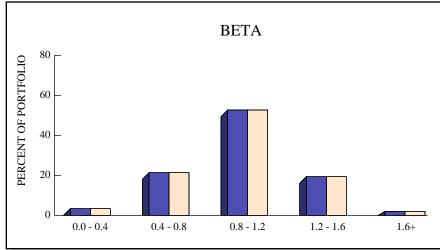
## STOCK CHARACTERISTICS



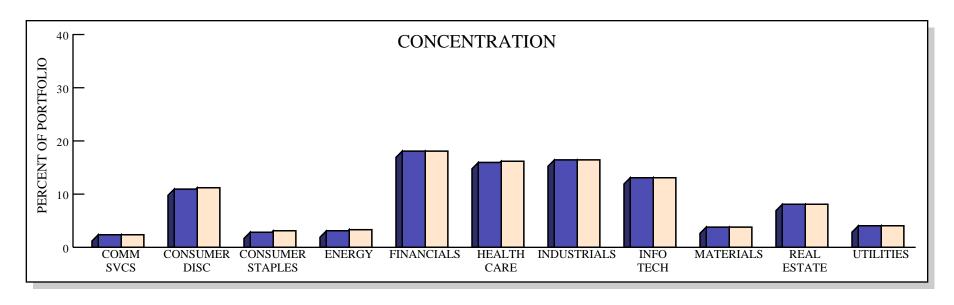


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	2,005	1.5%	10.5%	17.2	0.96	
RUSSELL 2000	2,004	1.5%	10.5%	17.2	0.96	

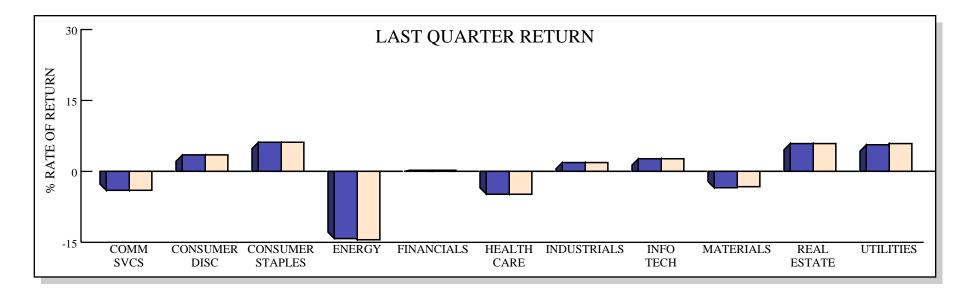




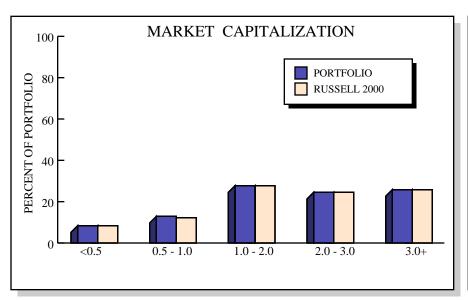
## STOCK INDUSTRY ANALYSIS

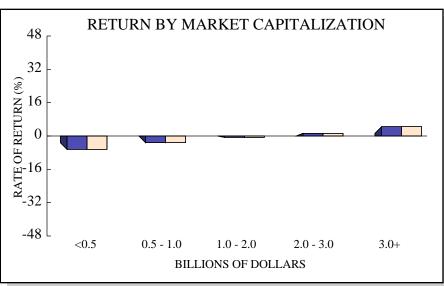


■ PORTFOLIO ■ RUSSELL 2000



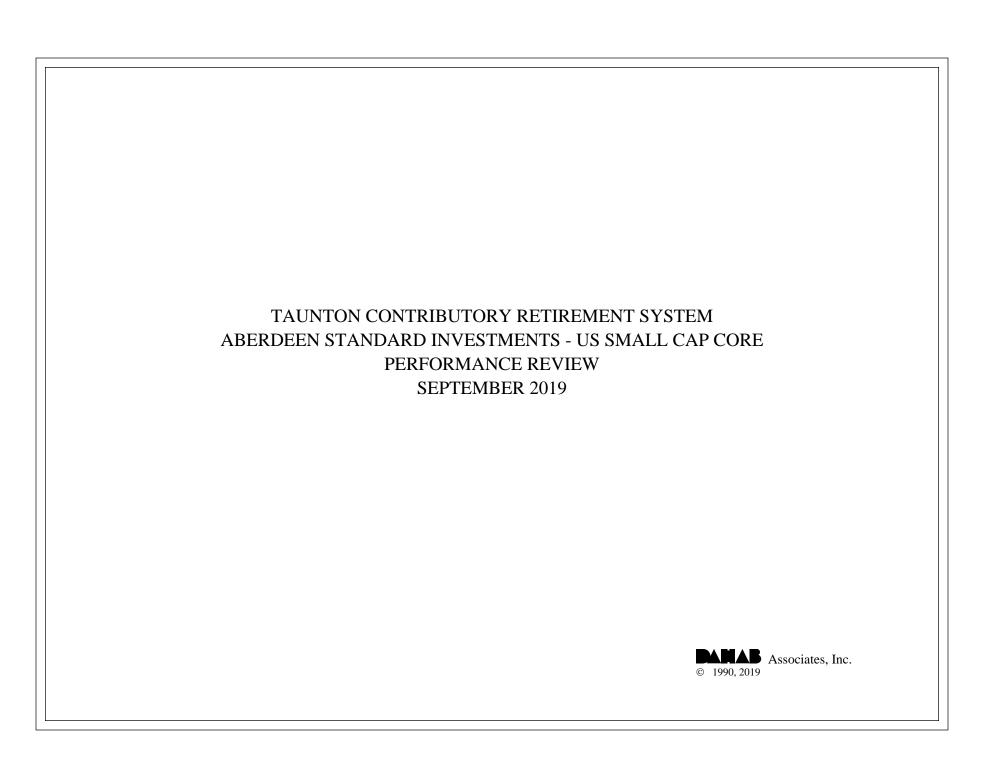
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	NOVOCURE LTD	\$ 18,620	.34%	18.3%	Health Care	\$ 7.3 B
2	HAEMONETICS CORP/MASS	18,543	.33%	4.8%	Health Care	6.4 B
3	TREX COMPANY INC	15,367	.28%	26.8%	Industrials	5.3 B
4	SCIENCE APPLICATIONS INTE	14,849	.27%	1.3%	Information Technology	5.0 B
5	PORTLAND GENERAL ELECTRIC CO	14,543	.26%	4.8%	Utilities	5.0 B
6	ONE GAS INC	14,417	.26%	7.0%	Utilities	5.1 B
7	FIRST INDUSTRIAL REALTY TR	14,321	.26%	8.3%	Real Estate	5.0 B
8	SOUTHWEST GAS HOLDINGS INC	14,202	.26%	2.2%	Utilities	4.8 B
9	MAXIMUS INC	14,139	.25%	6.9%	Information Technology	4.9 B
10	TELADOC HEALTH INC	13,883	.25%	2.0%	Health Care	4.9 B



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Aberdeen Standard Investments US Small Cap Core portfolio was valued at \$16,703,948, representing an increase of \$225,356 from the June quarter's ending value of \$16,478,592. Last quarter, the Fund posted withdrawals totaling \$20,829, which partially offset the portfolio's net investment return of \$246,185. Since there were no income receipts for the third quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$246,185.

#### RELATIVE PERFORMANCE

During the third quarter, the Aberdeen Standard Investments US Small Cap Core portfolio returned 1.5%, which was 3.9% above the Russell 2000 Index's return of -2.4% and ranked in the 12th percentile of the Small Cap universe. Over the trailing twelve-month period, this portfolio returned -2.4%, which was 6.5% above the benchmark's -8.9% performance, and ranked in the 22nd percentile. Since June 2017, the account returned 6.5% per annum and ranked in the 45th percentile. For comparison, the Russell 2000 returned an annualized 4.7% 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	18.4	-2.4			6.5	
SMALL CAP RANK	(12)	(32)	(22)			(45)	
Total Portfolio - Net	1.4	18.0	-2.9			5.9	
Russell 2000	-2.4	14.2	-8.9	8.2	8.2	4.7	
Small Cap Equity - Gross	1.5	18.4	-2.4			6.5	
SMALL CAP RANK	(12)	(32)	(22)			(45)	
Russell 2000	-2.4	14.2	-8.9	8.2	8.2	4.7	

ASSET ALLOCATION					
Small Cap	100.0%	\$ 16,703,948			
Total Portfolio	100.0%	\$ 16,703,948			

## INVESTMENT RETURN

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

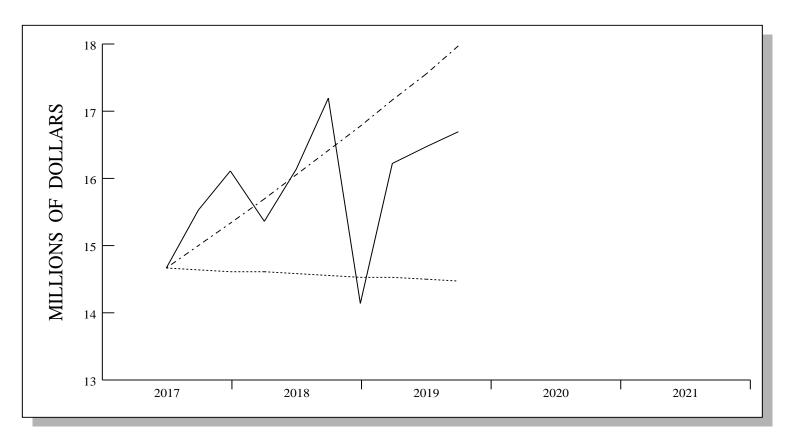
 Contribs / Withdrawals
 -20,829

 Income
 0

 Capital Gains / Losses
 246,185

 Market Value 9/2019
 \$ 16,703,948

## **INVESTMENT GROWTH**

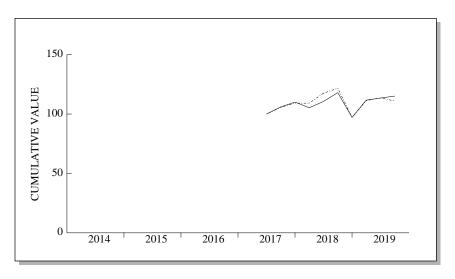


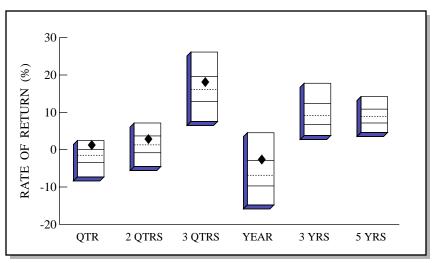
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 17,983,934

	LAST QUARTER	PERIOD 6/17 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,478,592 - 20,829 <u>246,185</u> \$ 16,703,948	\$ 14,689,066 -195,960 <u>2,210,842</u> \$ 16,703,948
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{246,185}$ $246,185$	$ \begin{array}{r} 153,627 \\ 2,057,215 \\ \hline 2,210,842 \end{array} $

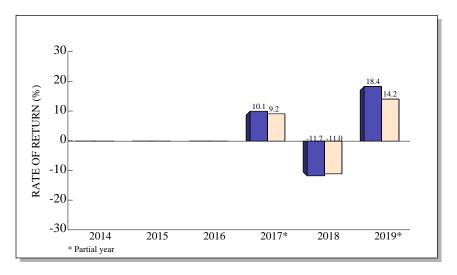
# TOTAL RETURN COMPARISONS





Small Cap Universe



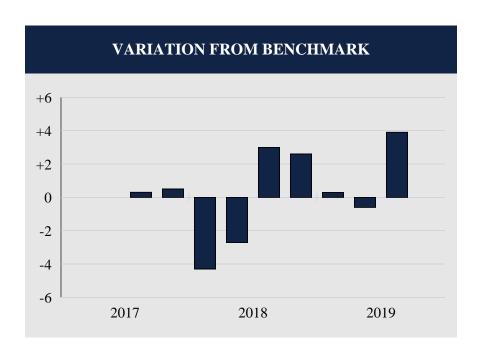


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	1.5	3.1	18.4	-2.4		
(RANK)	(12)	(30)	(32)	(22)		
5TH %ILE	2.4	7.1	26.2	4.5	17.8	14.2
25TH %ILE	0.0	3.7	19.6	-2.9	12.4	10.8
MEDIAN	-1.5	1.3	16.1	-6.9	9.2	8.9
75TH %ILE	-3.4	-0.8	12.9	-9.7	6.7	7.1
95TH %ILE	-7.3	-4.5	7.6	-14.8	3.8	4.6
Russ 2000	-2.4	-0.4	14.2	-8.9	8.2	8.2

Small Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

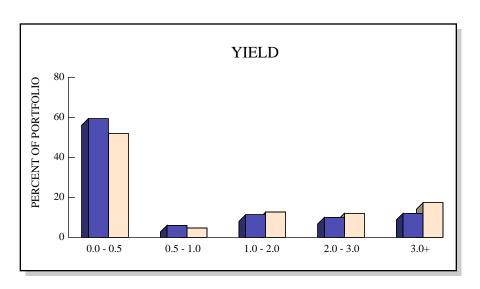
**COMPARATIVE BENCHMARK: RUSSELL 2000** 

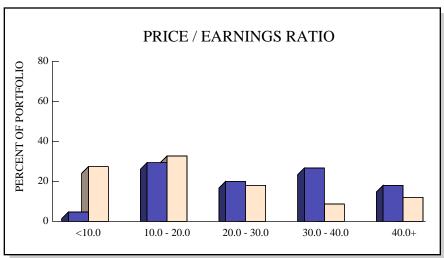


<b>Total Quarters Observed</b>	9
Quarters At or Above the Benchmark	6
<b>Quarters Below the Benchmark</b>	3
Batting Average	.667

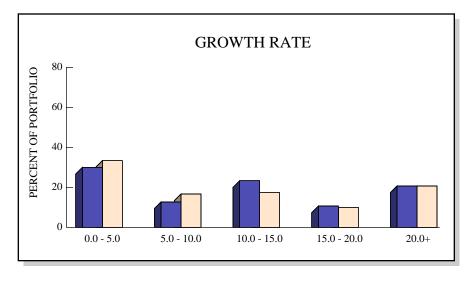
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/17	6.0	5.7	0.3			
12/17	3.8	3.3	0.5			
3/18	-4.4	-0.1	-4.3			
6/18	5.1	7.8	-2.7			
9/18	6.6	3.6	3.0			
12/18	-17.6	-20.2	2.6			
3/19	14.9	14.6	0.3			
6/19	1.5	2.1	-0.6			
9/19	1.5	-2.4	3.9			

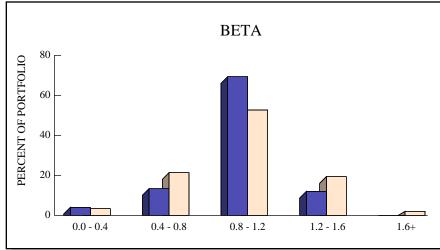
## STOCK CHARACTERISTICS



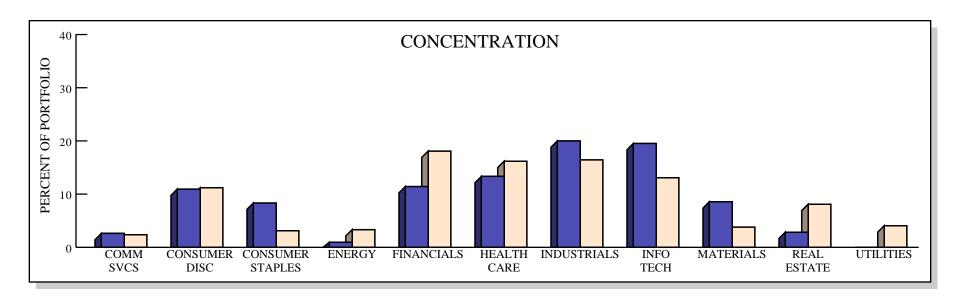


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	56	1.0%	10.4%	30.5	0.95	
RUSSELL 2000	2,004	1.5%	10.5%	17.2	0.96	

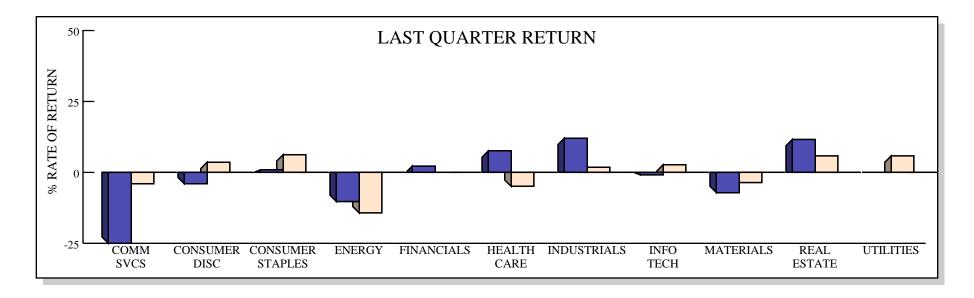




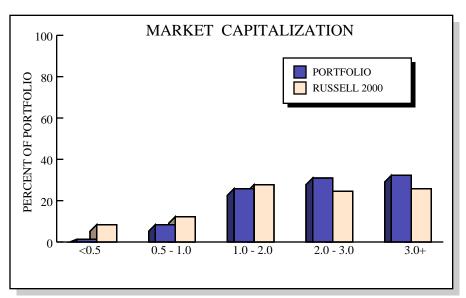
# STOCK INDUSTRY ANALYSIS

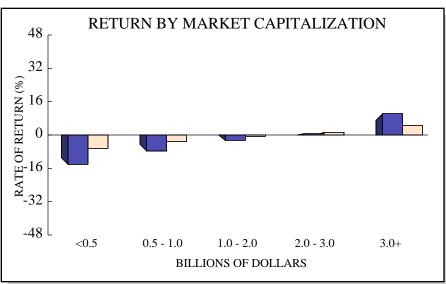


■ PORTFOLIO ■ RUSSELL 2000



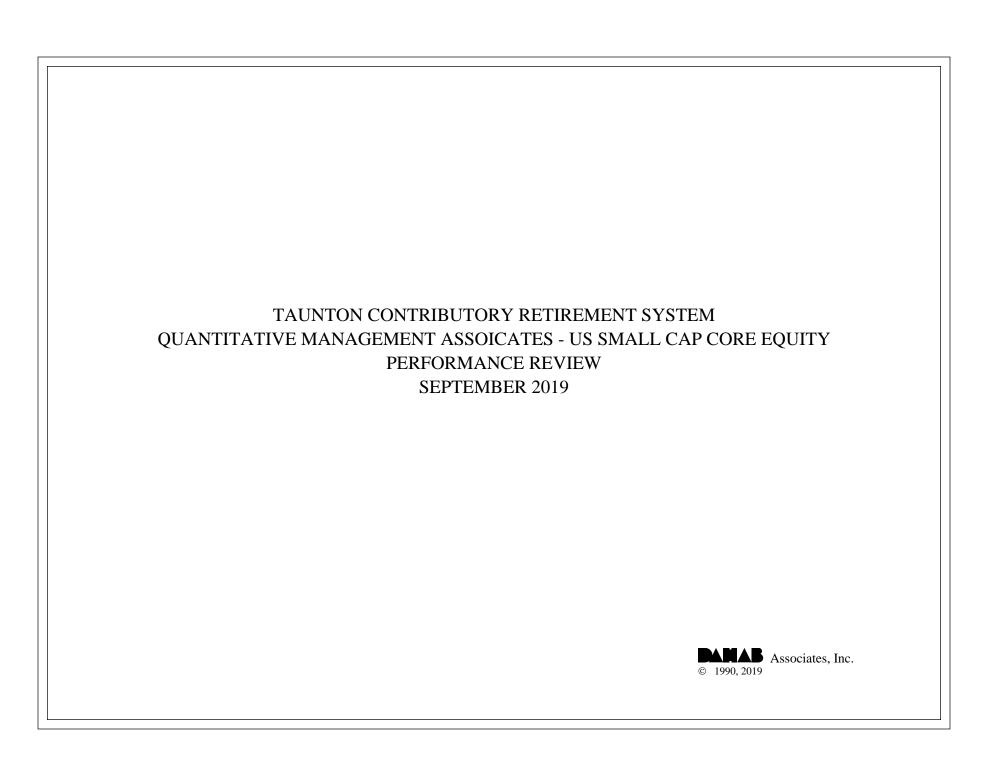
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	GLOBUS MEDICAL INC A	\$ 517,897	3.10%	20.9%	Health Care	\$ 3.9 B
2	NEENAH INC	492,372	2.95%	-2.9%	Materials	1.1 B
3	CASELLA WASTE SYSTEMS INC A	468,132	2.80%	8.4%	Industrials	2.0 B
4	BJ S WHOLESALE CLUB HOLDINGS	444,964	2.66%	-2.0%	Consumer Staples	3.5 B
5	INSIGHT ENTERPRISES INC	438,392	2.62%	-4.3%	Information Technology	2.0 B
6	ECHO GLOBAL LOGISTICS INC	405,299	2.43%	8.5%	Industrials	0.6 B
7	LCI INDUSTRIES	395,414	2.37%	2.8%	Consumer Discretionary	2.3 B
8	SAIA INC	394,664	2.36%	44.9%	Industrials	2.4 B
9	GIBRALTAR INDUSTRIES INC	386,769	2.32%	13.8%	Industrials	1.5 B
10	RBC BEARINGS INC	386,238	2.31%	-0.5%	Industrials	4.1 B



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Quantitative Management Assoicates US Small Cap Core Equity portfolio was valued at \$15,035,879, a decrease of \$114,865 from the June ending value of \$15,150,744. Last quarter, the account recorded total net withdrawals of \$20,625 in addition to \$94,240 in net investment losses. Because there were no income receipts during the third quarter, the portfolio's net investment losses were entirely made up of capital losses (realized and unrealized).

#### **RELATIVE PERFORMANCE**

During the third quarter, the Quantitative Management Assoicates US Small Cap Core Equity portfolio lost 0.6%, which was 1.8% greater than the Russell 2000 Index's return of -2.4% and ranked in the 37th percentile of the Small Cap universe. Over the trailing twelve-month period, this portfolio returned -10.7%, which was 1.8% below the benchmark's -8.9% return, and ranked in the 80th percentile. Since March 2017, the portfolio returned 3.4% per annum and ranked in the 73rd percentile. For comparison, the Russell 2000 returned an annualized 5.2% over the same period.

#### **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	-0.6	12.3	-10.8			3.4	
SMALL CAP RANK	(37)	(81)	(80)			(73)	
Total Portfolio - Net	-0.8	11.8	-11.3			2.8	
Russell 2000	-2.4	14.2	-8.9	8.2	8.2	5.2	
Small Cap Equity - Gross	-0.6	12.3	-10.8			3.4	
SMALL CAP RANK	(37)	(81)	(80)			(73)	
Russell 2000	-2.4	14.2	-8.9	8.2	8.2	5.2	

ASSET ALLOCATION					
Small Cap	100.0%	\$ 15,035,879			
Total Portfolio	100.0%	\$ 15,035,879			

## INVESTMENT RETURN

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

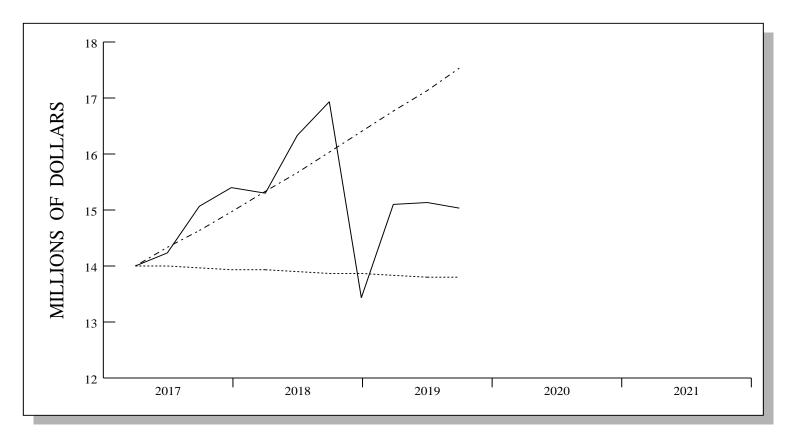
 Contribs / Withdrawals
 - 20,625

 Income
 0

 Capital Gains / Losses
 - 94,240

 Market Value 9/2019
 \$ 15,035,879

## **INVESTMENT GROWTH**

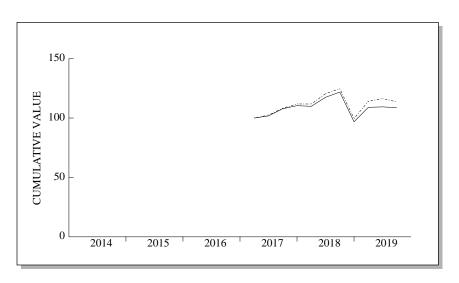


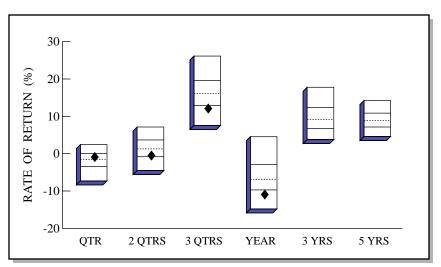
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 17,555,323

	LAST QUARTER	PERIOD 3/17 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 15,150,744 - 20,625 - 94,240 \$ 15,035,879	\$ 14,000,000 -188,360 <u>1,224,239</u> \$ 15,035,879
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	- 94,240 - 94,240	254,045 970,194 1,224,239

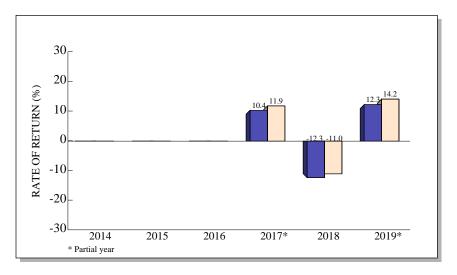
# TOTAL RETURN COMPARISONS





Small Cap Universe



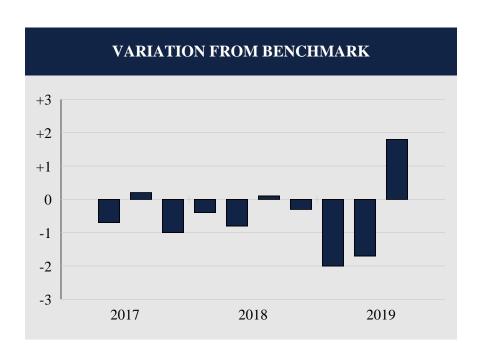


					ANNU <i>A</i>	ALIZED
	_QTR_	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-0.6	-0.3	12.3	-10.8		
(RANK)	(37)	(68)	(81)	(80)		
5TH %ILE	2.4	7.1	26.2	4.5	17.8	14.2
25TH %ILE	0.0	3.7	19.6	-2.9	12.4	10.8
MEDIAN	-1.5	1.3	16.1	-6.9	9.2	8.9
75TH %ILE	-3.4	-0.8	12.9	-9.7	6.7	7.1
95TH %ILE	-7.3	-4.5	7.6	-14.8	3.8	4.6
Russ 2000	-2.4	-0.4	14.2	-8.9	8.2	8.2

Small Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

**COMPARATIVE BENCHMARK: RUSSELL 2000** 

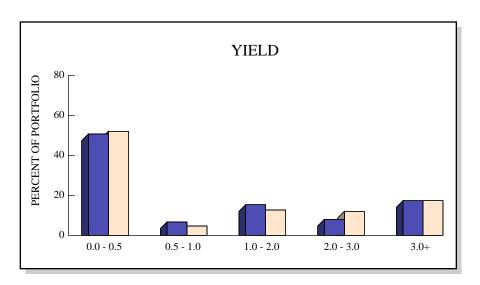


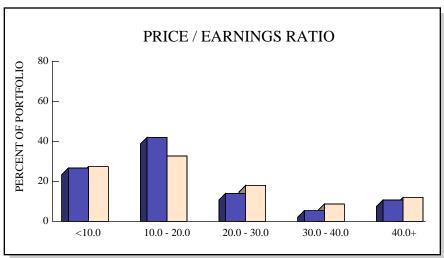
Total Quarters Observed	10
Quarters At or Above the Benchmark	3
<b>Quarters Below the Benchmark</b>	7
Batting Average	.300

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
6/17	1.8	2.5	-0.7		
9/17 12/17	5.9 2.3	5.7 3.3	0.2 -1.0		
3/18	-0.5	-0.1	-0.4		
6/18 9/18	7.0 3.7	7.8 3.6	-0.8 0.1		
12/18 3/19	-20.5 12.6	-20.2 14.6	-0.3 -2.0		
6/19	0.4	2.1	-1.7		
9/19	-0.6	-2.4	1.8		

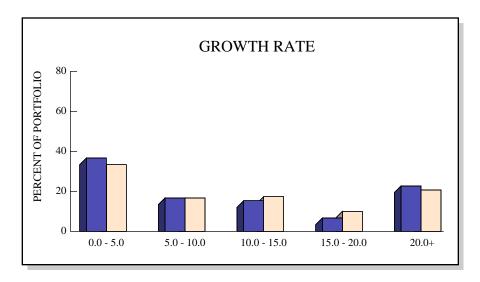
5

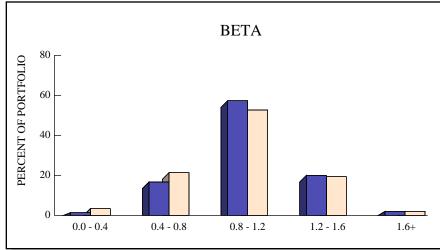
## STOCK CHARACTERISTICS



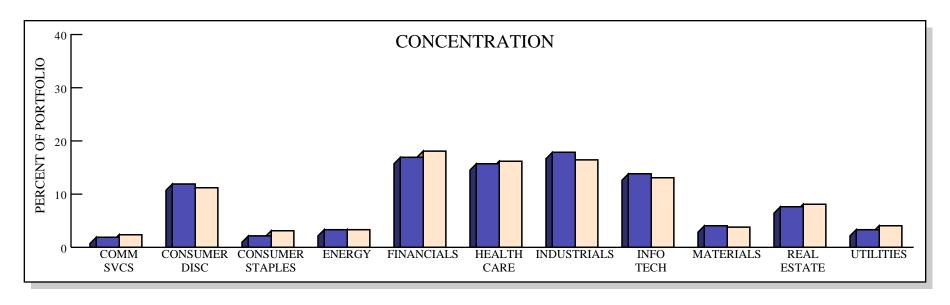


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	$\neg$
PORTFOLIO	346	1.6%	9.4%	16.4	1.00	ı
RUSSELL 2000	2,004	1.5%	10.5%	17.2	0.96	ł

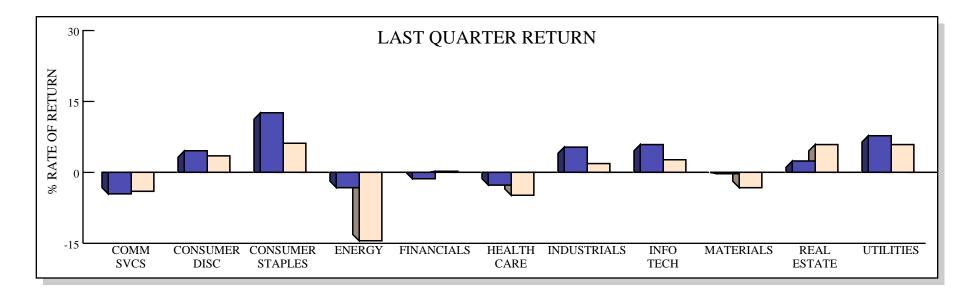




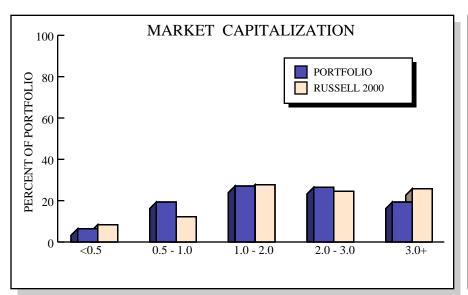
## STOCK INDUSTRY ANALYSIS

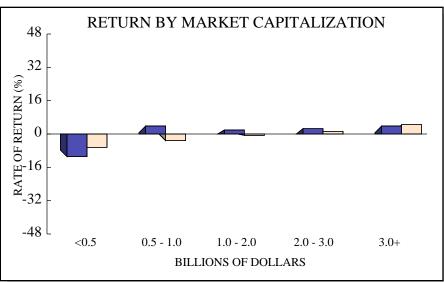


■ PORTFOLIO ■ RUSSELL 2000



## **TOP TEN HOLDINGS**

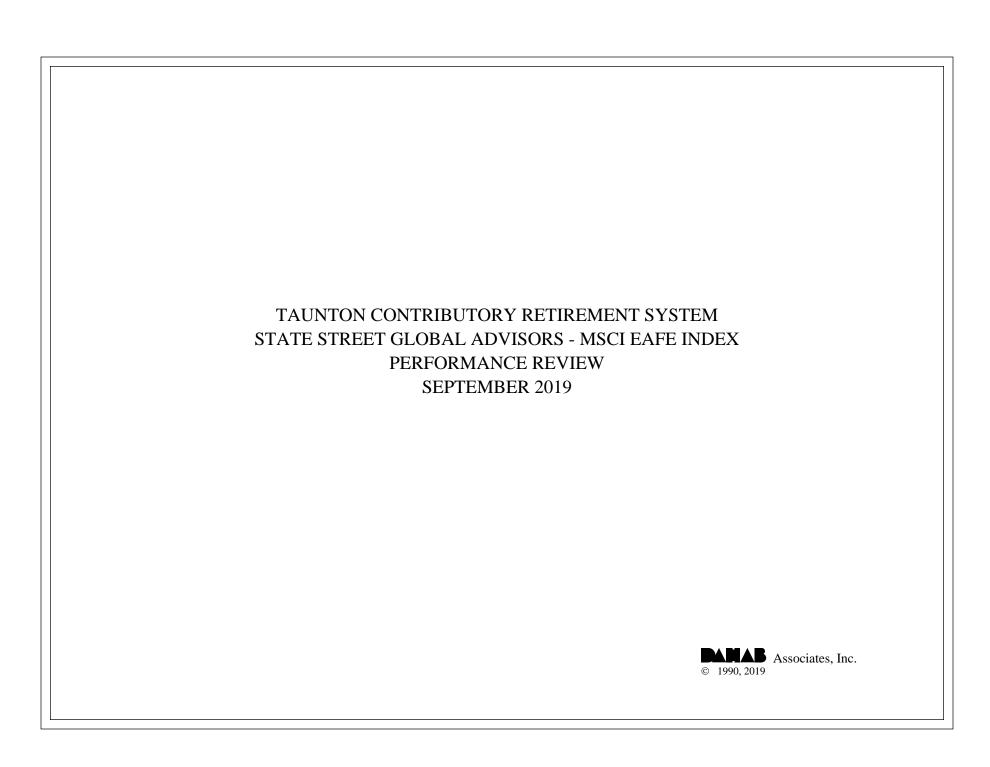




# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	EMCOR GROUP INC	\$ 147,179	.98%	-2.2%	Industrials	\$ 4.8 B
2	PORTLAND GENERAL ELECTRIC CO	147,069	.98%	4.8%	Utilities	5.0 B
3	WORLD FUEL SERVICES CORP	131,363	.87%	11.4%	Energy	2.6 B
4	TRINSEO SA	119,143	.79%	2.5%	Materials	1.7 B
5	BMC STOCK HOLDINGS INC	119,119	.79%	23.5%	Industrials	1.7 B
6	ACACIA COMMUNICATIONS INC	118,439	.79%	38.7%	Information Technology	2.7 B
7	INTEGER HOLDINGS CORP	116,514	.77%	-10.0%	Health Care	2.5 B
8	J2 GLOBAL COMMUNICATIONS INC	116,068	.77%	2.2%	Information Technology	4.4 B
9	RADIAN GROUP INC.	115,502	.77%	0.0%	Financials	4.6 B
10	STIFEL FINANCIAL CORP	111,661	.74%	-2.6%	Financials	4.0 B

8



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors MSCI EAFE Index portfolio was valued at \$6,754,153, a decrease of \$69,945 from the June ending value of \$6,824,098. Last quarter, the account recorded total net withdrawals of \$1,001 in addition to \$68,944 in net investment losses. Because there were no income receipts during the third quarter, the portfolio's net investment losses were entirely made up of capital losses (realized and unrealized).

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the State Street Global Advisors MSCI EAFE Index portfolio lost 1.0%, which was 0.1% greater than the MSCI EAFE Net Index's return of -1.1% and ranked in the 32nd percentile of the International Equity universe. Over the trailing twelve-month period, this portfolio returned -1.0%, which was 0.3% above the benchmark's -1.3% return, and ranked in the 46th percentile. Since September 2017, the portfolio returned 1.1% per annum and ranked in the 36th percentile. For comparison, the MSCI EAFE Net Index returned an annualized 0.7% over the same period.

#### **ASSET ALLOCATION**

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

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/17
Total Portfolio - Gross	-1.0	13.2	-1.0			1.1
INTERNATIONAL EQUITY RANK	(32)	(37)	(46)			(36)
Total Portfolio - Net	-1.0	13.2	-1.0			1.0
MSCI EAFE Net	-1.1	12.8	-1.3	6.5	3.3	0.7
Developed Markets Equity - Gross	-1.0	13.2	-1.0			1.1
INTERNATIONAL EQUITY RANK	(32)	(37)	(46)			(36)
MSCI EAFE Net	-1.1	12.8	-1.3	6.5	3.3	0.7

ASSET A	ASSET ALLOCATION					
Int'l Developed	100.0%	\$ 6,754,153				
Total Portfolio	100.0%	\$ 6,754,153				

## INVESTMENT RETURN

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

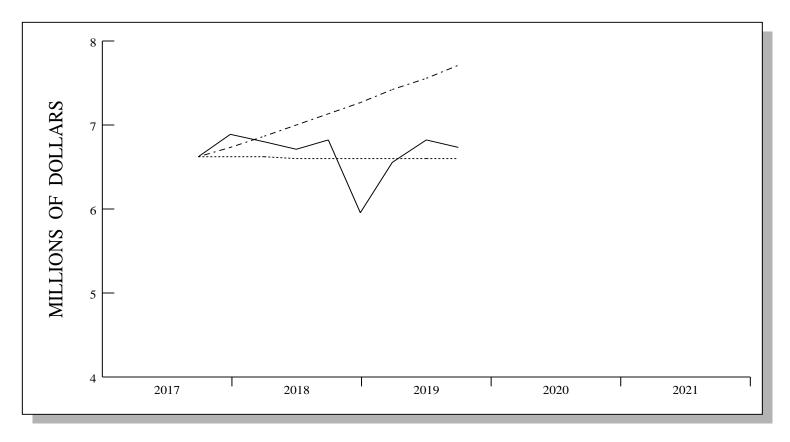
 Contribs / Withdrawals
 -1,001

 Income
 0

 Capital Gains / Losses
 -68,944

 Market Value 9/2019
 \$ 6,754,153

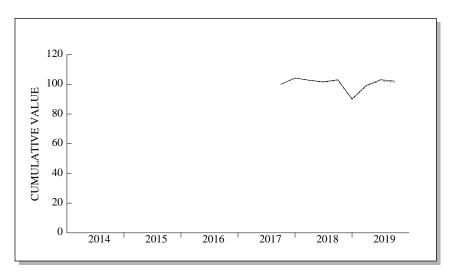
## **INVESTMENT GROWTH**

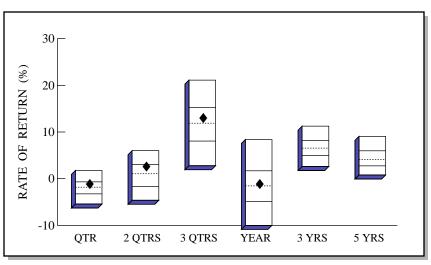


VALUE ASSUMING 8.0% RETURN \$ 7,718,320

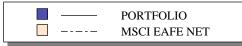
	LAST QUARTER	PERIOD 9/17 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 6,824,098 -1,001 -68,944 \$ 6,754,153	\$ 6,623,844 -7,227 137,536 \$ 6,754,153
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	0 - 68,944 - 68,944	$ \begin{array}{c} 0 \\ 137,536 \\ \hline 137,536 \end{array} $

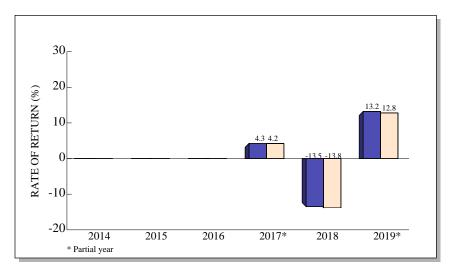
# TOTAL RETURN COMPARISONS





International Equity Universe





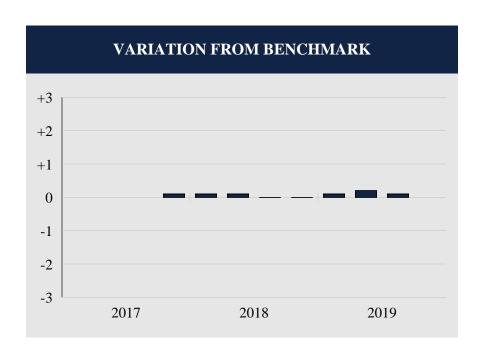
					ANNU <i>A</i>	LIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-1.0	2.8	13.2	-1.0		
(RANK)	(32)	(29)	(37)	(46)		
5TH %ILE	1.7	6.0	21.1	8.4	11.3	9.1
25TH %ILE	-0.7	3.1	15.2	1.7	8.2	6.0
MEDIAN	-1.8	1.1	11.9	-1.6	6.5	4.1
75TH %ILE	-3.3	-1.7	8.1	-4.9	5.0	2.8
95TH %ILE	-5.4	-4.6	2.8	-10.0	2.6	0.8
EAFE Net	-1.1	2.6	12.8	-1.3	6.5	3.3

International Equity Universe

4

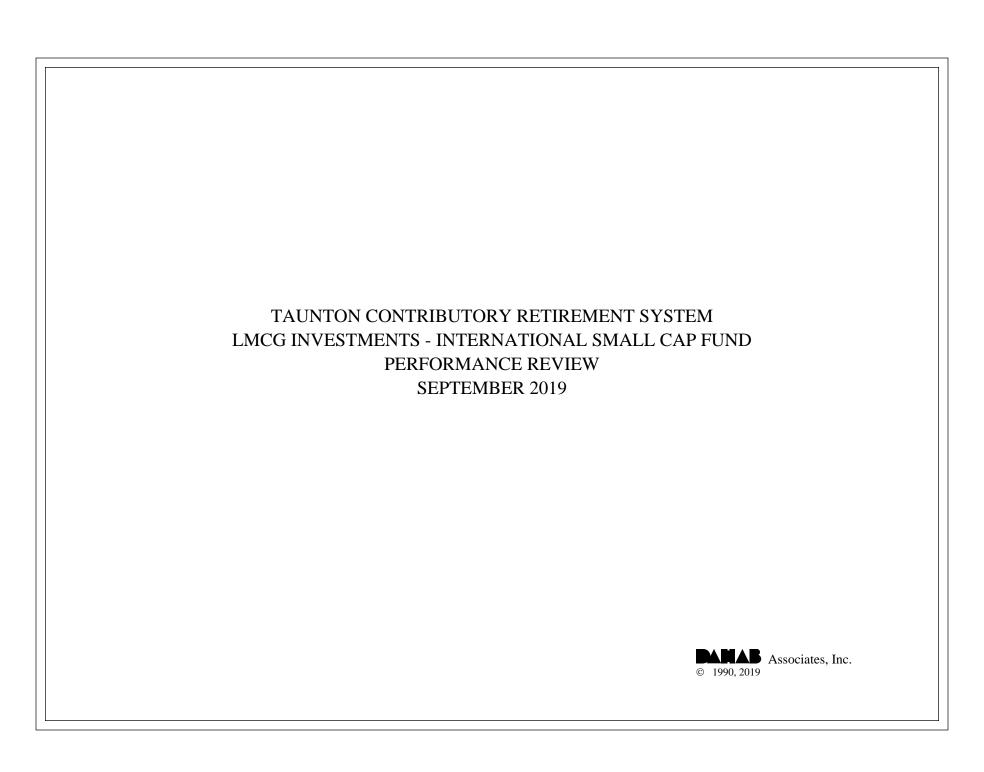
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: MSCI EAFE NET



Total Quarters Observed	8
Quarters At or Above the Benchmark	8
<b>Quarters Below the Benchmark</b>	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	-1.1	-1.2	0.1				
9/18	1.4	1.4	0.0				
12/18	-12.5	-12.5	0.0				
3/19	10.1	10.0	0.1				
6/19	3.9	3.7	0.2				
9/19	-1.0	-1.1	0.1				



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's LMCG Investments International Small Cap Fund was valued at \$5,239,432, a decrease of \$85,814 from the June ending value of \$5,325,246. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$85,814. Since there were no income receipts for the third quarter, net investment losses were the result of capital losses (realized and unrealized).

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the LMCG Investments International Small Cap Fund lost 1.4%, which was 1.0% less than the MSCI EAFE Small Cap Net Index's return of -0.4% and ranked in the 40th percentile of the International Small Cap Equity universe. Over the trailing year, the portfolio returned -6.7%, which was 0.8% less than the benchmark's -5.9% performance, and ranked in the 51st percentile. Since June 2018, the account returned -6.2% per annum and ranked in the 51st percentile. For comparison, the MSCI EAFE Small Cap Net Index returned an annualized -5.4% over the same time frame.

#### **ASSET ALLOCATION**

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

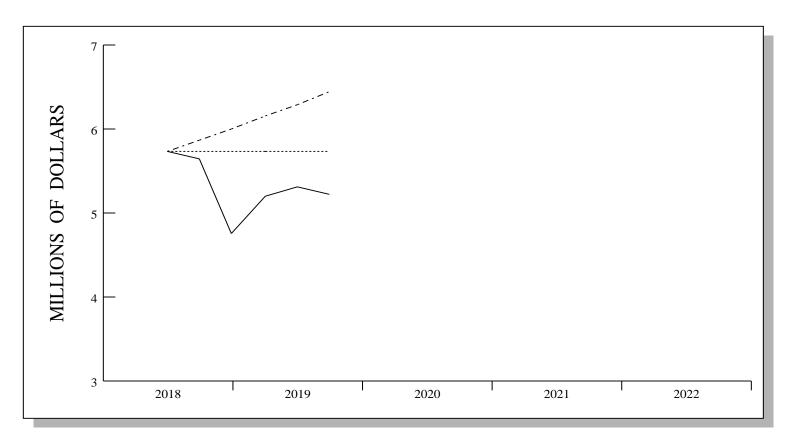
## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	uarter	YTD	1 Year	3 Year	5 Year	Since 06/18
Total Portfolio - Gross	-1.4	10.8	-6.7			-6.2
INT'L SMALL CAP EQUITY RANK	(40)	(62)	(51)			(51)
Total Portfolio - Net	-1.6	10.1	-7.5			-7.0
EAFE SC Net	-0.4	12.1	-5.9	5.9	6.0	-5.4
Developed Markets Equity - Gross	-1.4	10.8	-6.7			-6.2
INT'L SMALL CAP EQUITY RANK	(40)	(62)	(51)			(51)
EAFE SC Net	-0.4	12.1	-5.9	5.9	6.0	-5.4

ASSET A	ASSET ALLOCATION					
Int'l Developed	100.0%	\$ 5,239,432				
Total Portfolio	100.0%	\$ 5,239,432				

# INVESTMENT RETURN

Market Value 6/2019	\$ 5,325,246
Contribs / Withdrawals	0
Income	0
Capital Gains / Losses	-85,814
Market Value 9/2019	\$ 5,239,432

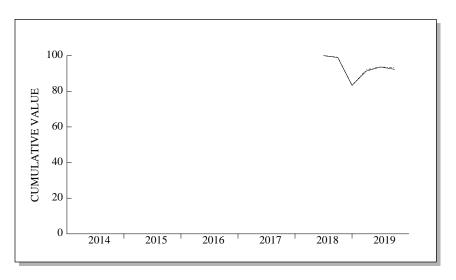


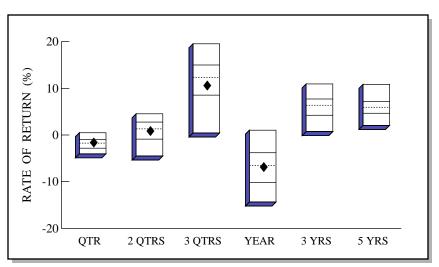
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 6,462,331

	LAST QUARTER	PERIOD 6/18 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 5,325,246 \\ 0 \\ -85,814 \\ \hline \$ \ 5,239,432 \end{array}$	\$ 5,736,518 0 -497,086 \$ 5,239,432
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	0 - 85,814 - 85,814	137,047 -634,133 -497,086

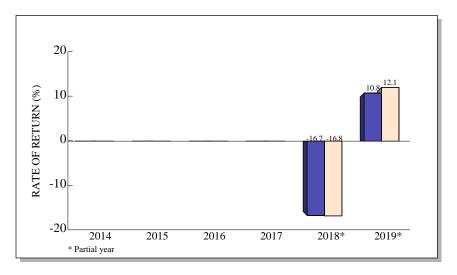
# TOTAL RETURN COMPARISONS





Int'l Small Cap Equity Universe

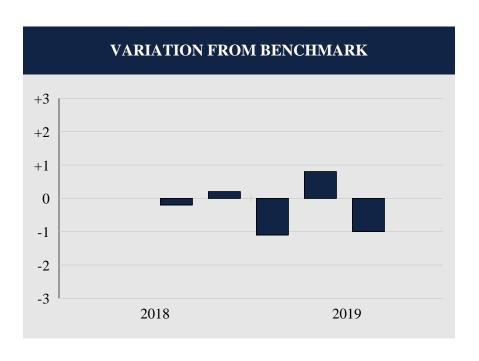




					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-1.4	1.1	10.8	-6.7		
(RANK)	(40)	(57)	(62)	(51)		
5TH %ILE	0.5	4.5	19.5	1.0	10.9	10.9
25TH %ILE	-1.0	2.8	15.0	-3.8	7.7	7.2
MEDIAN	-1.8	1.3	12.3	-6.6	6.4	6.0
75TH %ILE	-2.8	-0.9	8.6	-10.2	4.2	4.7
95TH %ILE	-4.0	-4.5	0.4	-14.4	0.7	2.1
EAFE SC Net	-0.4	1.3	12.1	-5.9	5.9	6.0

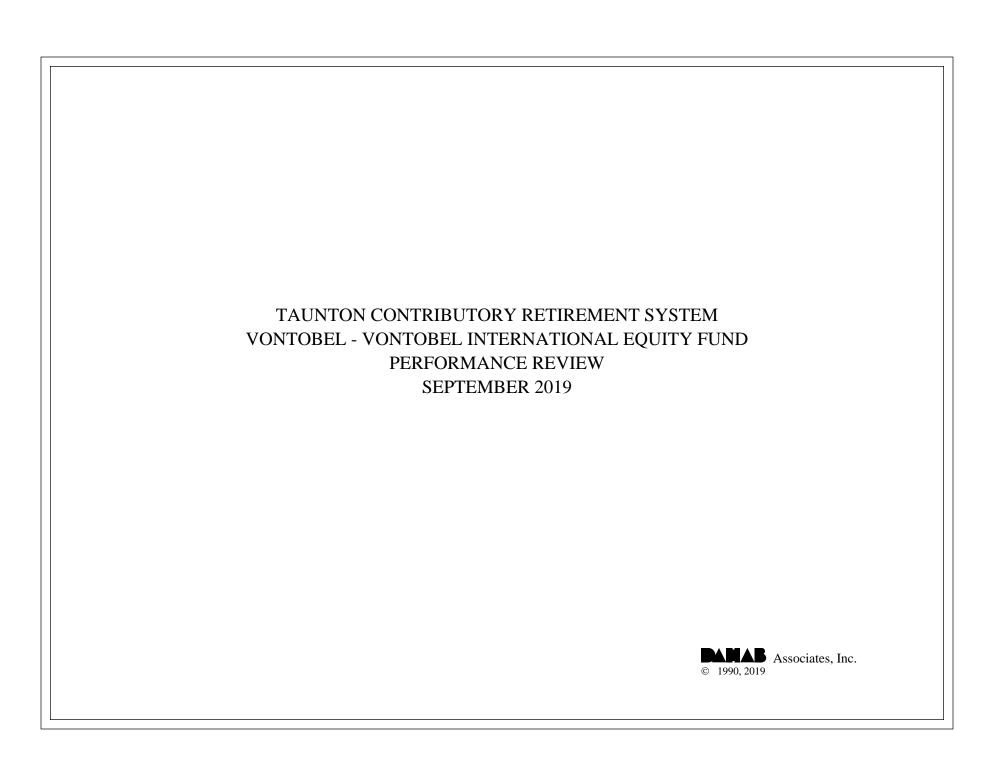
Int'l Small Cap Equity Universe

## COMPARATIVE BENCHMARK: MSCI EAFE SMALL CAP NET



Total Quarters Observed	5
Quarters At or Above the Benchmark	2
<b>Quarters Below the Benchmark</b>	3
Batting Average	.400

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/18	-1.1	-0.9	-0.2			
12/18	-15.8	-16.0	0.2			
3/19	9.6	10.7	-1.1			
6/19	2.5	1.7	0.8			
9/19	-1.4	-0.4	-1.0			



On September 30th, 2019, the Taunton Contributory Retirement System's Vontobel Vontobel International Equity Fund was valued at \$13,268,518, representing an increase of \$130,140 from the June quarter's ending value of \$13,138,378. Last quarter, the Fund posted withdrawals totaling \$22,885, which partially offset the portfolio's net investment return of \$153,025. Since there were no income receipts for the third quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$153,025.

### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the third quarter, the Vontobel International Equity Fund returned 1.2%, which was 1.6% above the MSCI EAFE Growth Net Index's return of -0.4% and ranked in the 1st percentile of the International Growth universe. Over the trailing twelve-month period, this portfolio returned 7.3%, which was 5.1% above the benchmark's 2.2% performance, and ranked in the 8th percentile. Since December 2012, the account returned 6.9% per annum and ranked in the 49th percentile. For comparison, the MSCI EAFE Growth Net Index returned an annualized 6.9% over the same time frame.

## **ASSET ALLOCATION**

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

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 12/12
Total Portfolio - Gross	1.2	20.2	7.3	8.9	6.7	6.9
INTERNATIONAL GROWTH R	<i>ANK</i> (1)	(24)	(8)	(38)	(29)	(49)
Total Portfolio - Net	1.0	19.6	6.6	8.1	6.0	6.1
EAFE Growth Net	-0.4	17.9	2.2	7.8	5.5	6.9
<b>Developed Markets Equity - Gros</b>	s 1.2	20.2	7.3	8.9	6.7	6.9
INTERNATIONAL GROWTH R	<i>ANK</i> (1)	(24)	(8)	(38)	(29)	(49)
EAFE Growth Net	-0.4	17.9	2.2	7.8	5.5	6.9
MSCI EAFE Net	-1.1	12.8	-1.3	6.5	3.3	5.4
EAFE Value Net	-1.7	7.7	-4.9	5.1	1.0	3.8
ACWI Ex US Net	-1.8	11.6	-1.2	6.3	2.9	4.3
MSCI EM Net	-4.2	5.9	-2.0	6.0	2.3	1.7

ASSET A	ASSET ALLOCATION						
Int'l Developed	100.0%	\$ 13,268,518					
Total Portfolio	100.0%	\$ 13,268,518					

# INVESTMENT RETURN

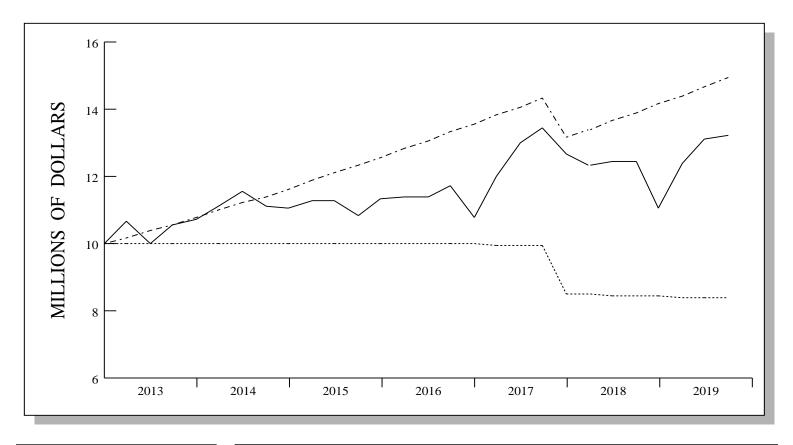
 Market Value 6/2019
 \$ 13,138,378

 Contribs / Withdrawals
 - 22,885

 Income
 0

 Capital Gains / Losses
 153,025

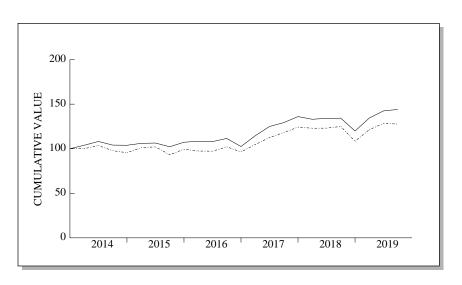
 Market Value 9/2019
 \$ 13,268,518

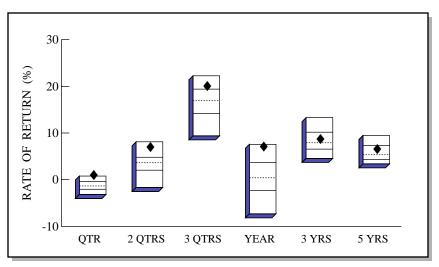


VALUE ASSUMING 8.0% RETURN \$ 14,950,872

	LAST QUARTER	PERIOD 12/12 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 13,138,378 - 22,885 153,025 \$ 13,268,518	\$ 10,000,000 - 1,610,672 4,879,190 \$ 13,268,518
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 153,025 \\ \hline 153,025 \end{array} $	$ \begin{array}{r} 269,414 \\ 4,609,776 \\ \hline 4,879,190 \end{array} $

# TOTAL RETURN COMPARISONS

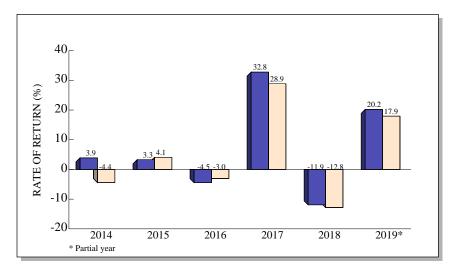




International Growth Universe



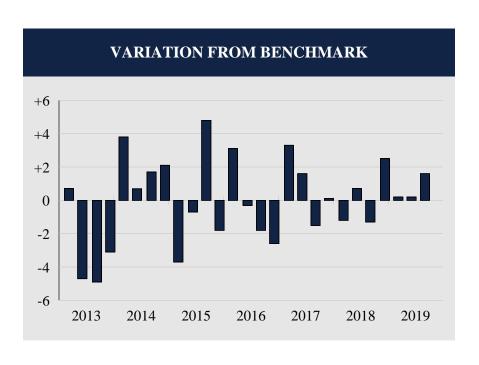
4



					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	1.2	7.2	20.2	7.3	8.9	6.7
(RANK)	(1)	(8)	(24)	(8)	(38)	(29)
5TH %ILE	0.8	8.1	22.3	7.6	13.3	9.5
25TH %ILE	-0.4	4.8	19.4	3.7	10.2	7.3
MEDIAN	-1.4	3.6	16.9	0.4	7.9	5.3
75TH %ILE	-2.1	2.0	14.2	-2.3	6.5	4.3
95TH %ILE	-3.2	-1.7	9.4	-7.3	4.6	3.4
EAFE G Net	-0.4	5.3	17.9	2.2	7.8	5.5

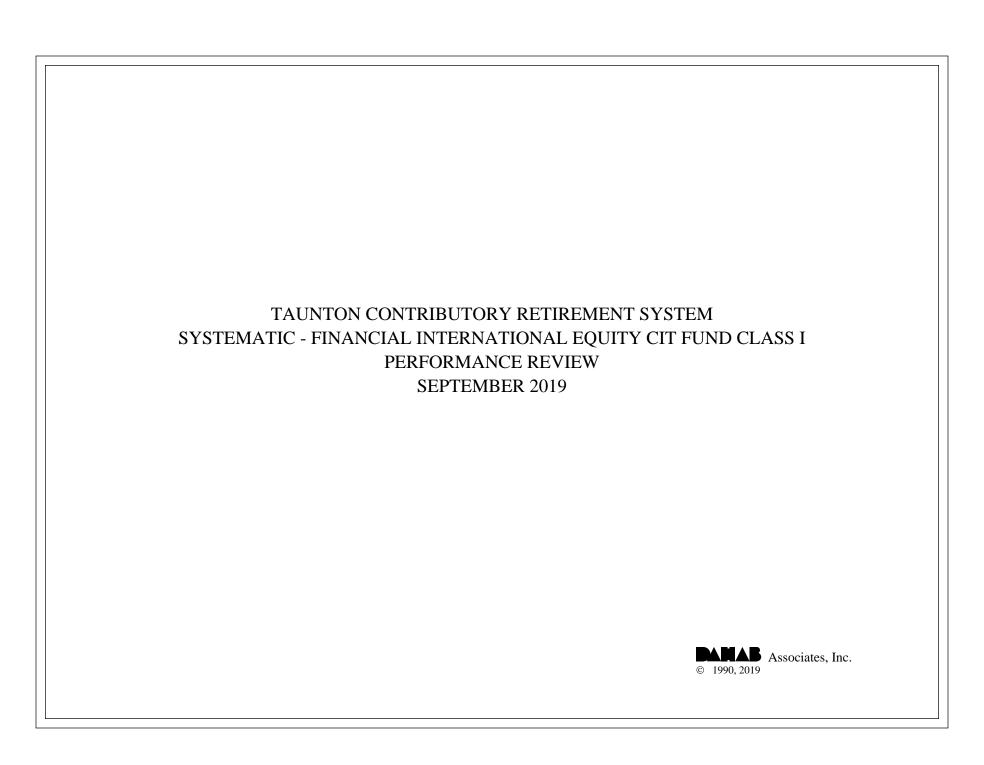
International Growth Universe

## COMPARATIVE BENCHMARK: MSCI EAFE GROWTH NET



Total Quarters Observed	27
Quarters At or Above the Benchmark	15
<b>Quarters Below the Benchmark</b>	12
<b>Batting Average</b>	.556

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			
9/19	1.2	-0.4	1.6			



On September 30th, 2019, the Taunton Contributory Retirement System's Systematic Financial International Equity CIT Fund Class I portfolio was valued at \$9,219,678, a decrease of \$127,226 from the June ending value of \$9,346,904. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$127,226. Since there were no income receipts for the third quarter, net investment losses were the result of capital losses (realized and unrealized).

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the Systematic Financial International Equity CIT Fund Class I portfolio lost 1.4%, which was 0.3% greater than the MSCI EAFE Value Net Index's return of -1.7% and ranked in the 44th percentile of the International Value universe. Over the trailing year, the portfolio returned -6.3%, which was 1.4% less than the benchmark's -4.9% performance, and ranked in the 80th percentile. Since June 2018, the account returned -3.9% per annum and ranked in the 75th percentile. For comparison, the MSCI EAFE Value Net Index returned an annualized -3.1% over the same time frame.

#### **ASSET ALLOCATION**

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

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/18
Total Portfolio - Gross	-1.4	9.0	-6.3			-3.9
INTERNATIONAL VALUE RANK	(44)	(63)	(80)			(75)
Total Portfolio - Net	-1.5	8.5	-6.9			-4.5
EAFE Value Net	-1.7	7.7	-4.9	5.1	1.0	-3.1
<b>Developed Markets Equity - Gross</b>	-1.4	9.0	-6.3			-3.9
INTERNATIONAL VALUE RANK	(44)	(63)	(80)			(75)
EAFE Value Net	-1.7	7.7	-4.9	5.1	1.0	-3.1

ASSET A	ASSET ALLOCATION						
Int'l Developed	100.0%	\$ 9,219,678					
Total Portfolio	100.0%	\$ 9,219,678					

# INVESTMENT RETURN

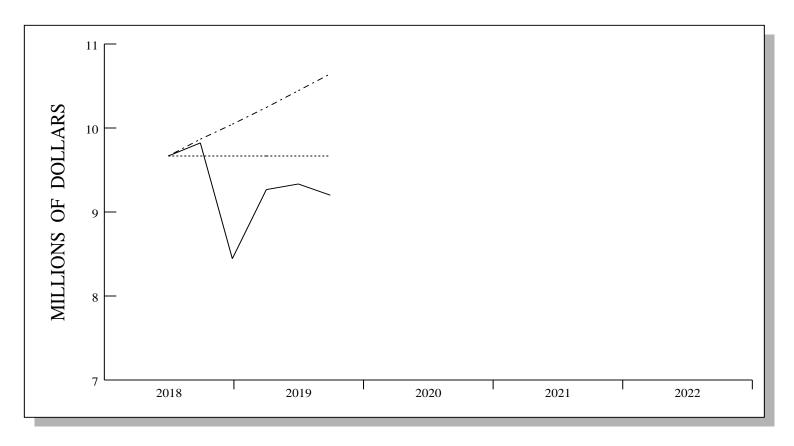
 Market Value 6/2019
 \$ 9,346,904

 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 -127,226

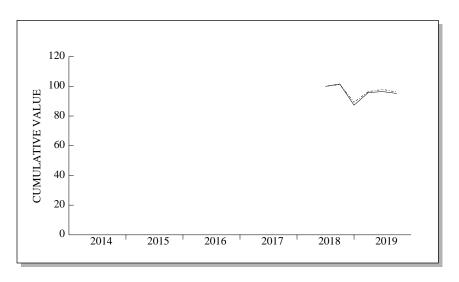
 Market Value 9/2019
 \$ 9,219,678

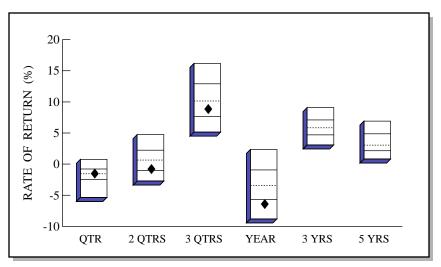


VALUE ASSUMING 8.0% RETURN \$ 10,664,291

	LAST QUARTER	PERIOD 6/18 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 9,346,904 \\ 0 \\ \hline -127,226 \\ \$ \ 9,219,678 \end{array}$	\$ 9,686,175 0 -466,497 \$ 9,219,678
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -127,226 \\ \hline -127,226 \end{array} $	0 -466,497 -466,497

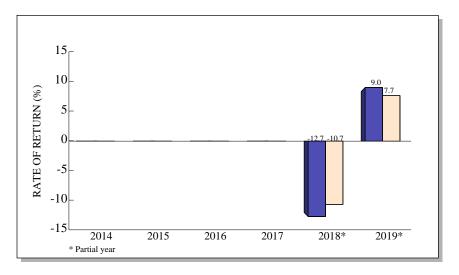
# TOTAL RETURN COMPARISONS





International Value Universe

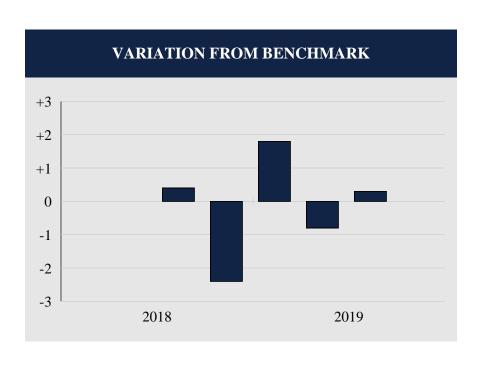




					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-1.4	-0.6	9.0	-6.3		
(RANK)	(44)	(71)	(63)	(80)		
5TH %ILE	0.8	4.8	16.2	2.3	9.1	6.9
25TH %ILE	-0.8	2.2	12.9	-0.9	7.1	4.9
MEDIAN	-1.6	0.7	10.2	-3.4	5.8	3.1
75TH %ILE	-2.5	-1.0	7.7	-5.7	4.7	2.2
95TH %ILE	-5.3	-2.7	5.1	-8.8	3.1	0.8
EAFE V Net	-1.7	-0.2	7.7	-4.9	5.1	1.0

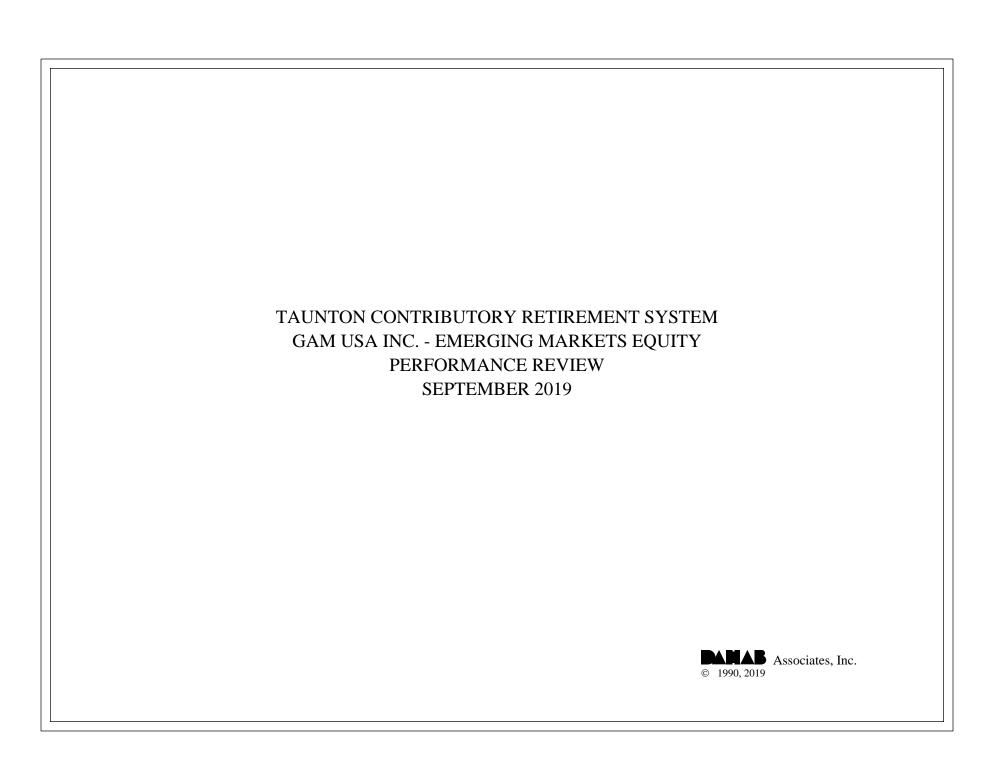
International Value Universe

## COMPARATIVE BENCHMARK: MSCI EAFE VALUE NET



Total Quarters Observed	5
Quarters At or Above the Benchmark	3
<b>Quarters Below the Benchmark</b>	2
Batting Average	.600

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				
9/19	-1.4	-1.7	0.3				



On September 30th, 2019, the Taunton Contributory Retirement System's GAM USA Inc. Emerging Markets Equity portfolio was valued at \$5,833,170, a decrease of \$301,770 from the June ending value of \$6,134,940. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$301,770. Since there were no income receipts for the third quarter, net investment losses were the result of capital losses (realized and unrealized).

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the GAM USA Inc. Emerging Markets Equity portfolio lost 4.8%, which was 0.6% less than the MSCI Emerging Markets Net Index's return of -4.2% and ranked in the 80th percentile of the Emerging Markets universe. Over the trailing year, the portfolio returned 0.8%, which was 2.8% greater than the benchmark's -2.0% performance, and ranked in the 45th percentile. Since June 2018, the account returned -1.4% per annum and ranked in the 51st percentile. For comparison, the MSCI Emerging Markets Net Index returned an annualized -2.5% over the same time frame.

#### **ASSET ALLOCATION**

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

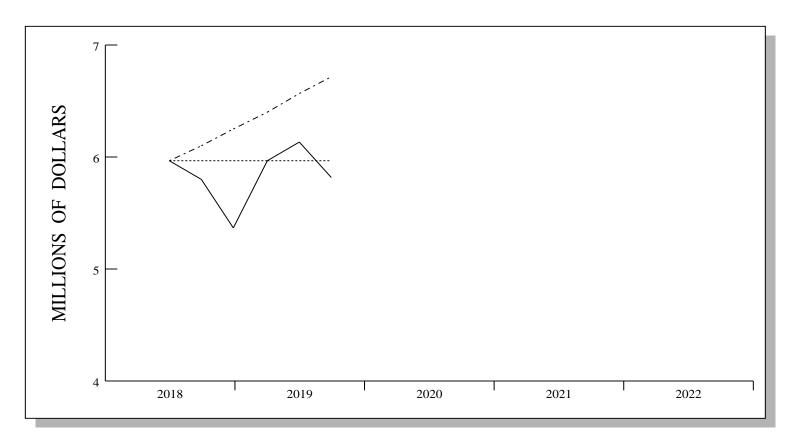
# **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/18		
Total Portfolio - Gross	-4.8	9.0	0.8			-1.4		
EMERGING MARKETS RANK	(80)	(46)	(45)			(51)		
Total Portfolio - Net	-4.9	8.6	0.3			-1.9		
MSCI EM Net	-4.2	5.9	-2.0	6.0	2.3	-2.5		
<b>Emerging Markets Equity - Gross</b>	-4.8	9.0	0.8			-1.4		
EMERGING MARKETS RANK	(80)	(46)	(45)			(51)		
MSCI EM Net	-4.2	5.9	-2.0	6.0	2.3	-2.5		

ASSET ALLOCATION						
Emerging Markets	100.0%	\$ 5,833,170				
Total Portfolio	100.0%	\$ 5,833,170				

# INVESTMENT RETURN

Market Value 6/2019	\$ 6,134,940
Contribs / Withdrawals	0
Income	0
Capital Gains / Losses	-301,770
Market Value 9/2019	\$ 5,833,170

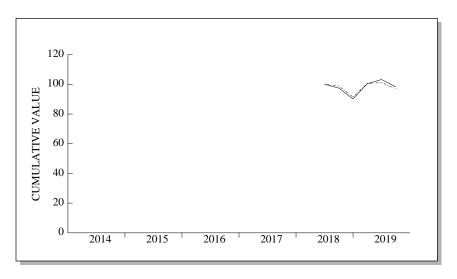


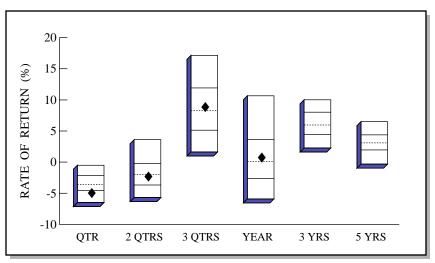
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING
10.0% RETURN \$ 6,727,349

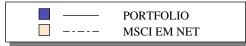
	LAST QUARTER	PERIOD 6/18 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{c}                                     $	\$ 5,971,770 0 -138,600 \$ 5,833,170
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{-301,770}$ $-301,770$	$ \begin{array}{r} 0 \\ -138,600 \\ \hline -138,600 \end{array} $

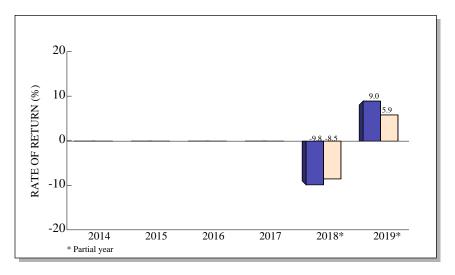
# TOTAL RETURN COMPARISONS





**Emerging Markets Universe** 

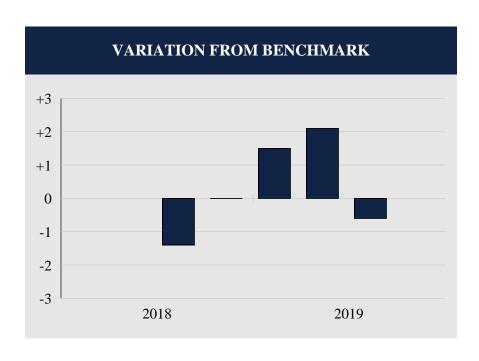




	ANNUALIZED						
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS	
RETURN	-4.8	-2.2	9.0	0.8			
(RANK)	(80)	(52)	(46)	(45)			
5TH %ILE	-0.5	3.6	17.1	10.7	10.0	6.5	
25TH %ILE	-2.2	-0.2	11.9	3.6	8.0	4.4	
MEDIAN	-3.6	-2.0	8.3	0.1	6.0	3.1	
75TH %ILE	-4.6	-3.7	5.1	-2.7	4.5	2.0	
95TH %ILE	-6.5	-5.7	1.6	-5.9	2.3	-0.3	
EM Net	-4.2	-3.7	5.9	-2.0	6.0	2.3	

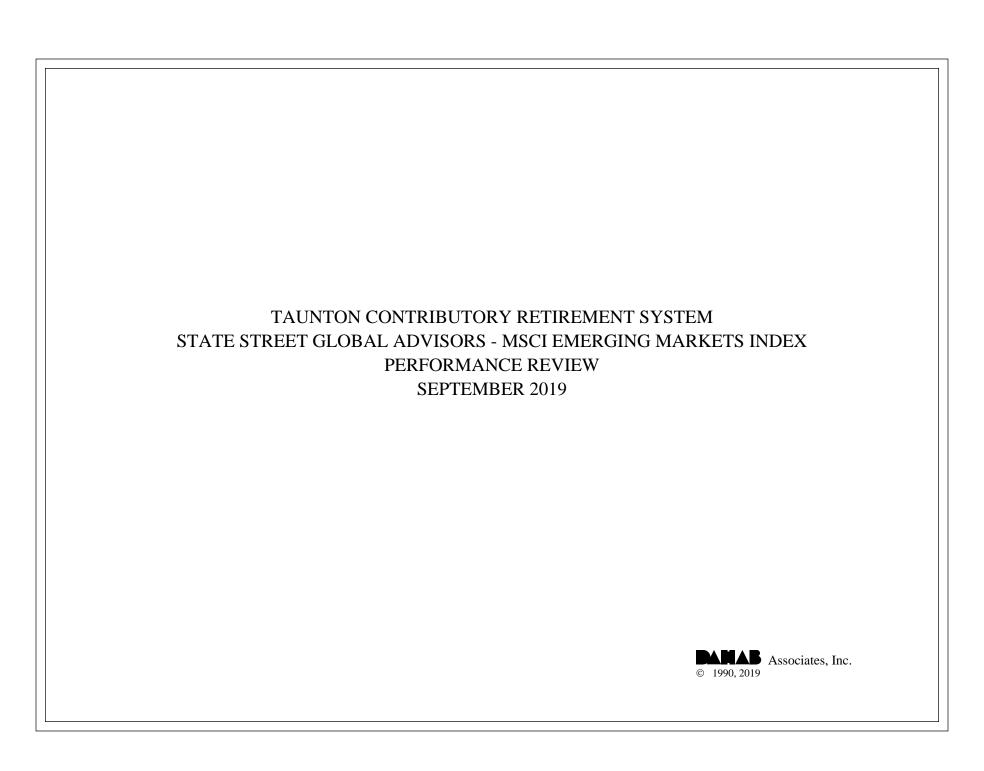
**Emerging Markets Universe** 

## COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS NET



<b>Total Quarters Observed</b>	5
Quarters At or Above the Benchmark	3
Quarters Below the Benchmark	2
Batting Average	.600

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				
9/19	-4.8	-4.2	-0.6				



On September 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors MSCI Emerging Markets Index portfolio was valued at \$5,164,173, a decrease of \$230,578 from the June ending value of \$5,394,751. Last quarter, the account recorded total net withdrawals of \$1,706 in addition to \$228,872 in net investment losses. Because there were no income receipts during the third quarter, the portfolio's net investment losses were entirely made up of capital losses (realized and unrealized).

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the State Street Global Advisors MSCI Emerging Markets Index portfolio lost 4.2%, which was equal to the MSCI Emerging Markets Net Index's return of -4.2% and ranked in the 66th percentile of the Emerging Markets universe. Over the trailing twelvemonth period, this portfolio returned -2.0%, which was equal to the benchmark's -2.0% return, and ranked in the 72nd percentile. Since December 2017, the portfolio returned -5.6% per annum and ranked in the 65th percentile. For comparison, the MSCI Emerging Markets Net Index returned an annualized -5.6% over the same period.

## **ASSET ALLOCATION**

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

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	YTD	1 Year	3 Year	5 Year	Since 12/17		
Total Portfolio - Gross	-4.2	5.9	-2.0			-5.6		
EMERGING MARKETS RANK	(66)	(66)	(72)			(65)		
Total Portfolio - Net	-4.3	5.8	-2.1			-5.7		
MSCI EM Net	-4.2	5.9	-2.0	6.0	2.3	-5.6		
<b>Emerging Markets Equity - Gross</b>	-4.2	5.9	-2.0			-5.6		
EMERGING MARKETS RANK	(66)	(66)	(72)			(65)		
MSCI EM Net	-4.2	5.9	-2.0	6.0	2.3	-5.6		

ASSET ALLOCATION					
Emerging Markets	100.0%	\$ 5,164,173			
Total Portfolio	100.0%	\$ 5,164,173			

# INVESTMENT RETURN

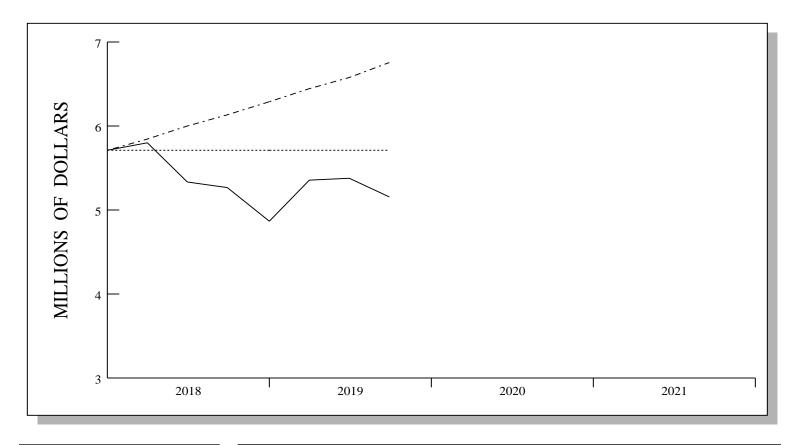
 Market Value 6/2019
 \$ 5,394,751

 Contribs / Withdrawals
 - 1,706

 Income
 0

 Capital Gains / Losses
 -228,872

 Market Value 9/2019
 \$ 5,164,173

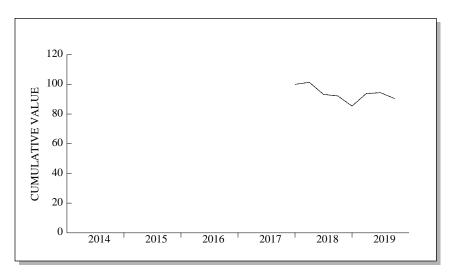


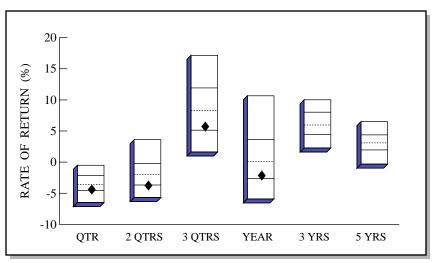
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 6,756,869

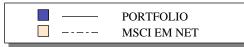
	LAST QUARTER	PERIOD 12/17 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,394,751 -1,706 -228,872 \$ 5,164,173	\$ 5,729,979 - 12,130 -553,676 \$ 5,164,173
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{\begin{array}{c} 0 \\ -228,872 \\ \hline -228,872 \end{array}$	-553,676 -553,676

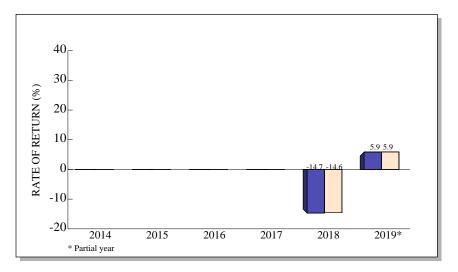
# TOTAL RETURN COMPARISONS





**Emerging Markets Universe** 

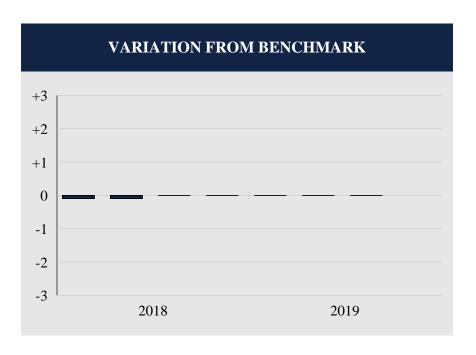




					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-4.2	-3.6	5.9	-2.0		
(RANK)	(66)	(72)	(66)	(72)		
5TH %ILE	-0.5	3.6	17.1	10.7	10.0	6.5
25TH %ILE	-2.2	-0.2	11.9	3.6	8.0	4.4
MEDIAN	-3.6	-2.0	8.3	0.1	6.0	3.1
75TH %ILE	-4.6	-3.7	5.1	-2.7	4.5	2.0
95TH %ILE	-6.5	-5.7	1.6	-5.9	2.3	-0.3
EM Net	-4.2	-3.7	5.9	-2.0	6.0	2.3

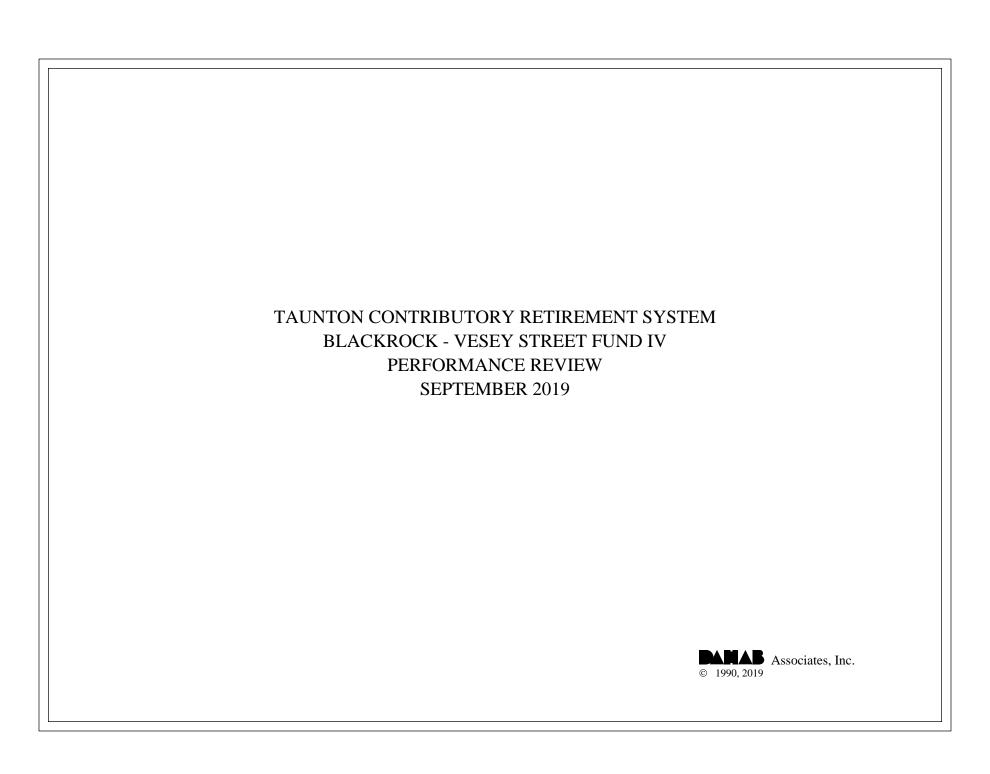
**Emerging Markets Universe** 

## COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS NET



Total Quarters Observed	7
Quarters At or Above the Benchmark	5
<b>Quarters Below the Benchmark</b>	2
Batting Average	.714

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			
9/19	-4.2	-4.2	0.0			



On September 30th, 2019, the Taunton Contributory Retirement System's BlackRock Vesey Street Fund IV portfolio was valued at \$2,209,835, a decrease of \$167,985 from the June ending value of \$2,377,820. Last quarter, the account recorded a net withdrawal of \$177,717, which overshadowed the fund's net investment return of \$9,732. In the absence of income receipts during the third quarter, the portfolio's net investment return figure was the product of \$9,732 in realized and unrealized capital gains.

### **RELATIVE PERFORMANCE**

For the third quarter, the BlackRock Vesey Street Fund IV account gained 0.4%, which was 3.7% less than the Russell 3000 (Lagged)'s return of 4.1%. Over the trailing twelve-month period, the account returned 7.4%, which was 1.6% below the benchmark's 9.0% performance. Since September 2009, the portfolio returned 10.1% per annum, while the Russell 3000 (Lagged) returned an annualized 14.7% over the same period.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/09		
Total Portfolio - Gross	0.4	2.0	7.4	7.9	6.7	10.1		
Total Portfolio - Net	0.1	1.1	6.2	6.7	5.6	9.2		
Russell 3000 (Lag)	4.1	1.7	9.0	14.0	10.2	14.7		
<b>Alternative Assets - Gross</b> 0.4 2.0 7.4 7.9 6.7 10.1								
Russell 3000 (Lag)	4.1	1.7	9.0	14.0	10.2	14.7		

ASSET ALLOCATION				
Alternative	100.0%	\$ 2,209,835		
Total Portfolio	100.0%	\$ 2,209,835		

# INVESTMENT RETURN

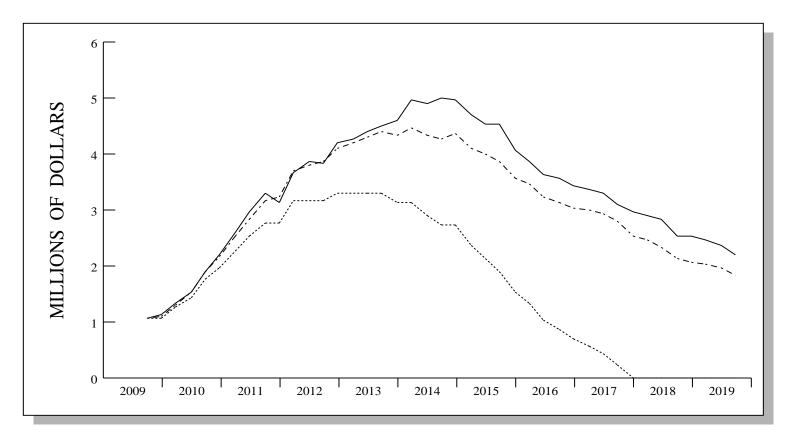
 Market Value 6/2019
 \$ 2,377,820

 Contribs / Withdrawals
 -177,717

 Income
 0

 Capital Gains / Losses
 9,732

 Market Value 9/2019
 \$ 2,209,835

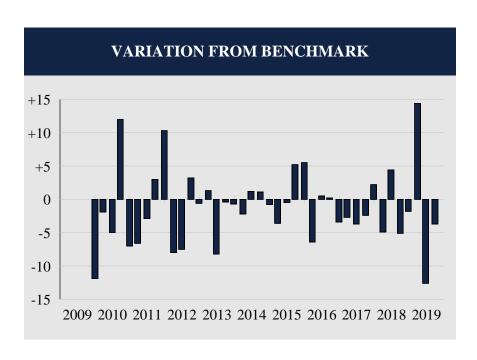


------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 1,841,756

	LAST QUARTER	PERIOD 9/09 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 2,377,820 \\ -177,717 \\ \hline 9,732 \\ \$ \ 2,209,835 \end{array}$	\$ 1,094,438 - 2,258,559 3,373,956 \$ 2,209,835
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{9,732}{9,732}$	61,839 3,312,117 3,373,956

COMPARATIVE BENCHMARK: RUSSELL 3000 (LAGGED)

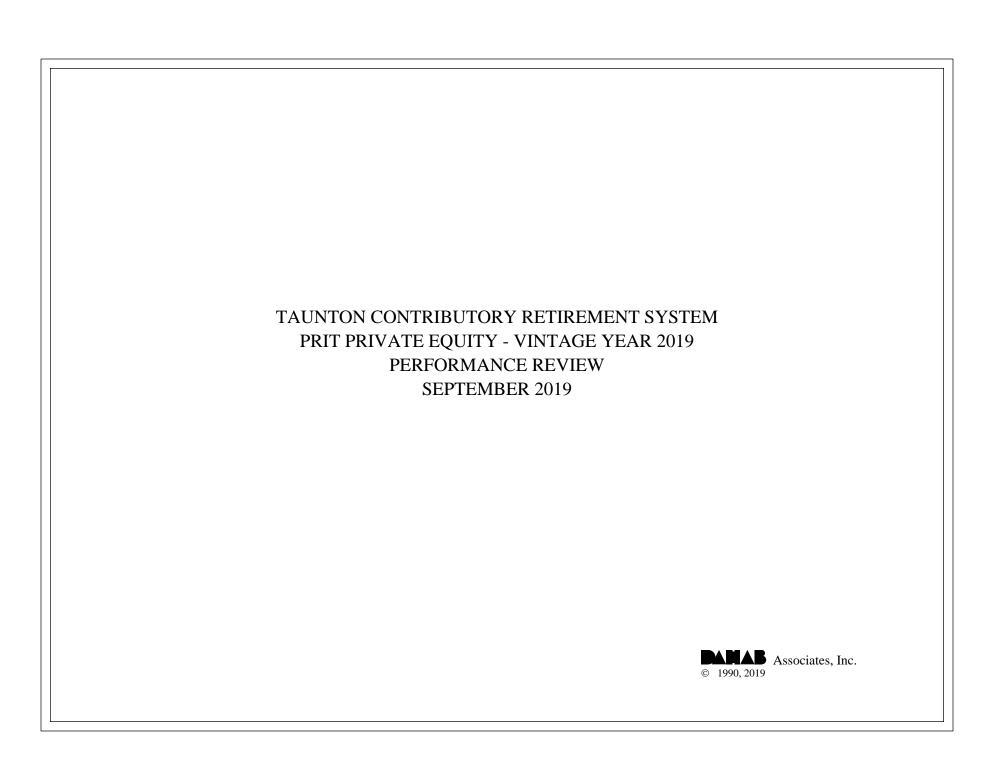


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	14
<b>Quarters Below the Benchmark</b>	26
Batting Average	.350

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
12/09	4.4	16.3	-11.9		
3/10 6/10	4.0 0.9	5.9 5.9	-1.9 -5.0		
9/10 12/10	0.7 4.5	-11.3 11.5	12.0 -7.0		
3/11	5.0	11.6	-7.0 -6.6		
6/11 9/11	3.5 3.0	6.4 0.0	-2.9 3.0		
12/11	-5.0	-15.3	10.3		
3/12 6/12	4.1 5.4	12.1 12.9	-8.0 -7.5		
9/12	0.1	-3.1	3.2		
12/12 3/13	5.6 1.6	6.2 0.3	-0.6 1.3		
6/13	2.9	11.1	-8.2		
9/13 12/13	2.3 5.7	2.7 6.4	-0.4 -0.7		
3/14 6/14	7.9 3.2	10.1 2.0	-2.2 1.2		
9/14	6.0	4.9	1.1		
12/14 3/15	-0.8 1.6	0.0 5.2	-0.8 -3.6		
6/15	1.3	1.8	-0.5		
9/15 12/15	5.3 -1.7	0.1 -7.2	5.2 5.5		
3/16	-0.1 1.5	6.3	-6.4 0.5		
6/16 9/16	2.8	1.0 2.6	0.2		
12/16 3/17	1.0 1.5	4.4 4.2	-3.4 -2.7		
6/17	2.0	5.7	-3.7		
9/17 12/17	0.6 6.8	3.0 4.6	-2.4 2.2		
3/18	1.4	6.3	-4.9		
6/18 9/18	3.8 -1.2	-0.6 3.9	4.4 -5.1		
12/18 3/19	5.3 0.1	7.1 -14.3	-1.8 14.4		
6/19	1.4	14.0	-12.6		
9/19	0.4	4.1	-3.7		

# **APPENDIX - DISCLOSURES**

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



On September 30th, 2019, the Taunton Contributory Retirement System's PRIT Private Equity Vintage Year 2019 portfolio was valued at \$213,715, representing an increase of \$112,773 from the June quarter's ending value of \$100,942. Last quarter, the Fund posted net contributions equaling \$107,429 plus a net investment gain equaling \$5,344. Since there were no income receipts during the quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$5,344.

## RELATIVE PERFORMANCE

#### **Total Fund**

The Cambridge US Private Equity index is appraised quarterly with a 90-day lag. A current quarter return was not available and a flat return of 0% was assumed.

In the third quarter, the PRIT Private Equity Vintage Year 2019 portfolio returned 2.7%.

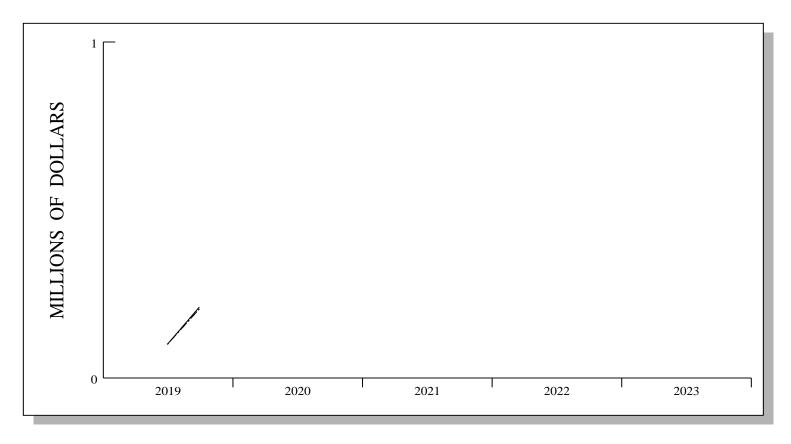
Private Equity Investor Report as of September 30th, 2019 PRIT Private Equity Vintage Year 2019						
Market Value	\$	213,715	Last Appraisal	Date: 0	09/30/20	19
Initial Commitment	\$	3,000,000	100.00%			
Capital Paid In	\$	208,894	6.96%			
Remaining Commitment	\$	2,791,106	93.04%			
		Net	% of	Reca	allable	% of
Date	Co	ntributions	Commitment	Distri	butions	Commitment
Q2 2019	\$	100,840	3.36%	\$	-	-
Q3 2019	\$	108,054	3.60%	\$	-	-
Total	\$	208,894	6.96%	\$	-	0.00%

PERFORMANCE SUMMARY					
	Quarter	YTD	1 Year	3 Year	5 Year
Total Portfolio - Gross	2.7				
Total Portfolio - Net	2.4				
Cambridge PE	0.0	11.4	9.5	15.1	12.0
Alternative Assets - Gross	2.7				
Cambridge PE	0.0	11.4	9.5	15.1	12.0

ASSET ALLOCATION			
Alternative	100.0%	\$ 213,715	
Total Portfolio	100.0%	\$ 213,715	

# INVESTMENT RETURN

Market Value 6/2019	\$ 100,942
Contribs / Withdrawals	107,429
Income	0
Capital Gains / Losses	5,344
Market Value 9/2019	\$ 213,715



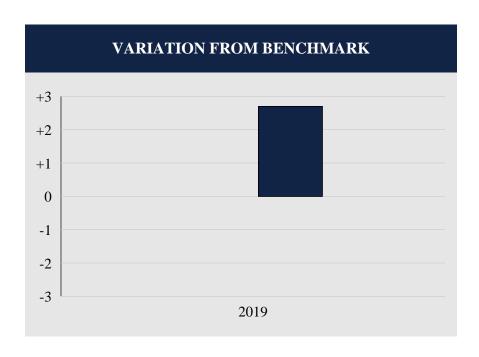
 ACTUAL RETURN
 8.0%
 0.0%

VALUE ASSUMING 8.0% RETURN \$ 210,774

	LAST QUARTER	LAST QUARTER
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{r} \$ 100,942 \\ 107,429 \\ \phantom{00000000000000000000000000000000000$	\$ 100,942 107,429 5,344 \$ 213,715
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	5,344 5,344	5,344 5,344

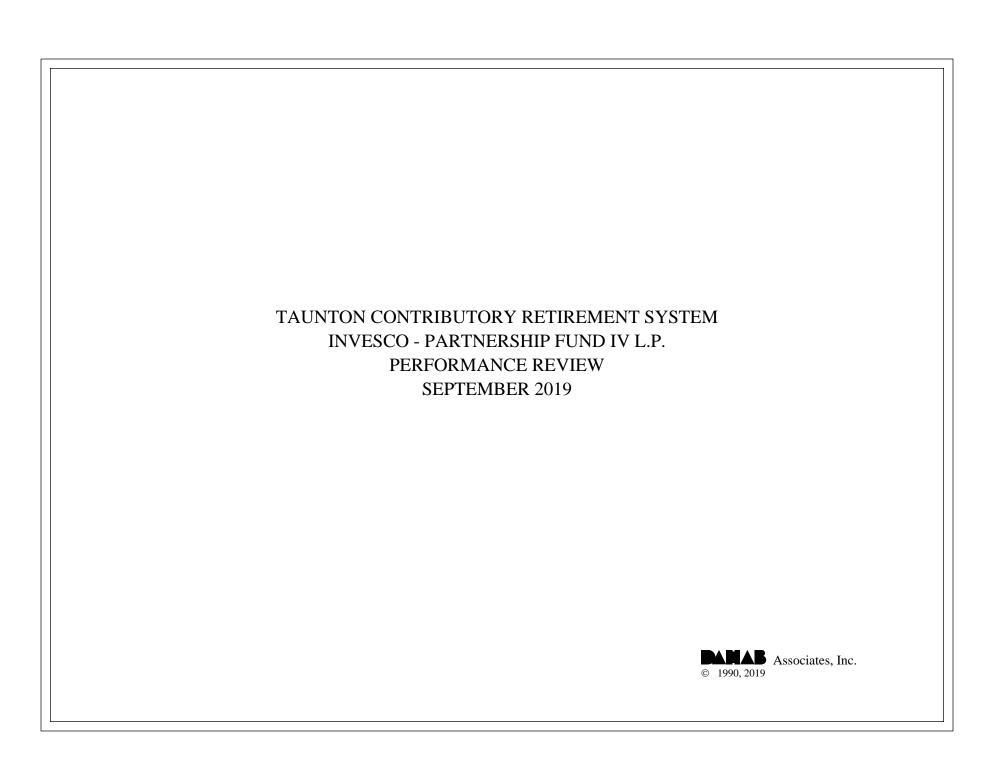
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: CAMBRIDGE US PRIVATE EQUITY



Total Quarters Observed	1
Quarters At or Above the Benchmark	1
<b>Quarters Below the Benchmark</b>	0
Batting Average	1.000

RATES OF RETURN					
Date	Portfolio Benchmark Difference				
9/19	2.7	0.0	2.7		



On September 30th, 2019, the Taunton Contributory Retirement System's Invesco Partnership Fund IV L.P. portfolio was valued at \$75,331, a decrease of \$38 from the June ending value of \$75,369. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$38. Since there were no income receipts for the third quarter, net investment losses were the result of capital losses (realized and unrealized).

### **RELATIVE PERFORMANCE**

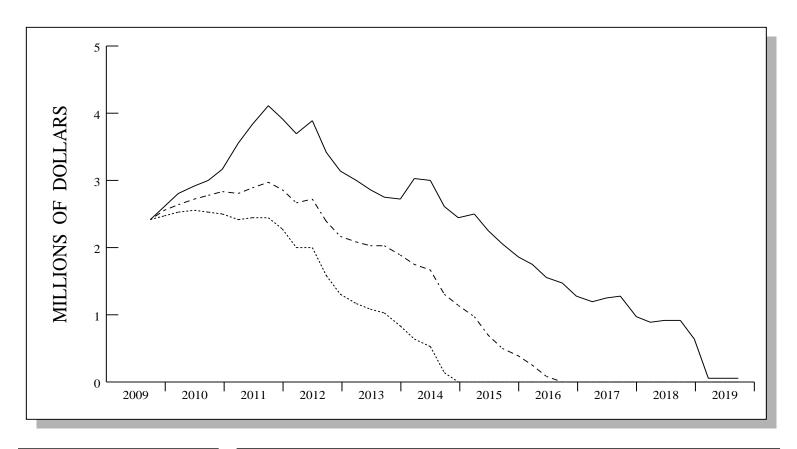
During the third quarter, the Invesco Partnership Fund IV L.P. portfolio lost 0.1%, which was 4.2% below the Russell 3000 (Lagged)'s return of 4.1%. Over the trailing twelve-month period, the portfolio returned -17.2%, which was 26.2% less than the benchmark's 9.0% return. Since September 2009, the Invesco Partnership Fund IV L.P. portfolio returned 9.8% on an annualized basis, while the Russell 3000 (Lagged) returned an annualized 14.7% over the same time frame.

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/09
Total Portfolio - Gross	-0.1	-1.8	-17.2	1.3	3.2	9.8
Total Portfolio - Net	-0.1	-1.8	-17.2	1.3	3.2	9.8
Russell 3000 (Lag)	4.1	1.7	9.0	14.0	10.2	14.7
Alternative Assets - Gross	-0.1	-1.8	-17.2	1.3	3.2	9.8
Russell 3000 (Lag)	4.1	1.7	9.0	14.0	10.2	14.7

ASSET ALLOCATION			
Alternative	100.0%	\$ 75,331	
Total Portfolio	100.0%	\$ 75,331	

# INVESTMENT RETURN

Market Value 6/2019	\$ 75,369
Contribs / Withdrawals	0
Income	0
Capital Gains / Losses	- 38
Market Value 9/2019	\$ 75,331



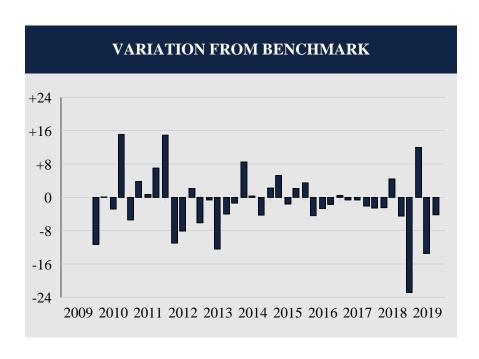
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ -1,763,683

	LAST QUARTER	PERIOD 9/09 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 75,369 0 - 38 \$ 75,331	\$ 2,429,604 - 5,257,683 2,903,410 \$ 75,331
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	- 38 - 38	$ \begin{array}{c} 0 \\ 2,903,410 \\ \hline 2,903,410 \end{array} $

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: RUSSELL 3000 (LAGGED)

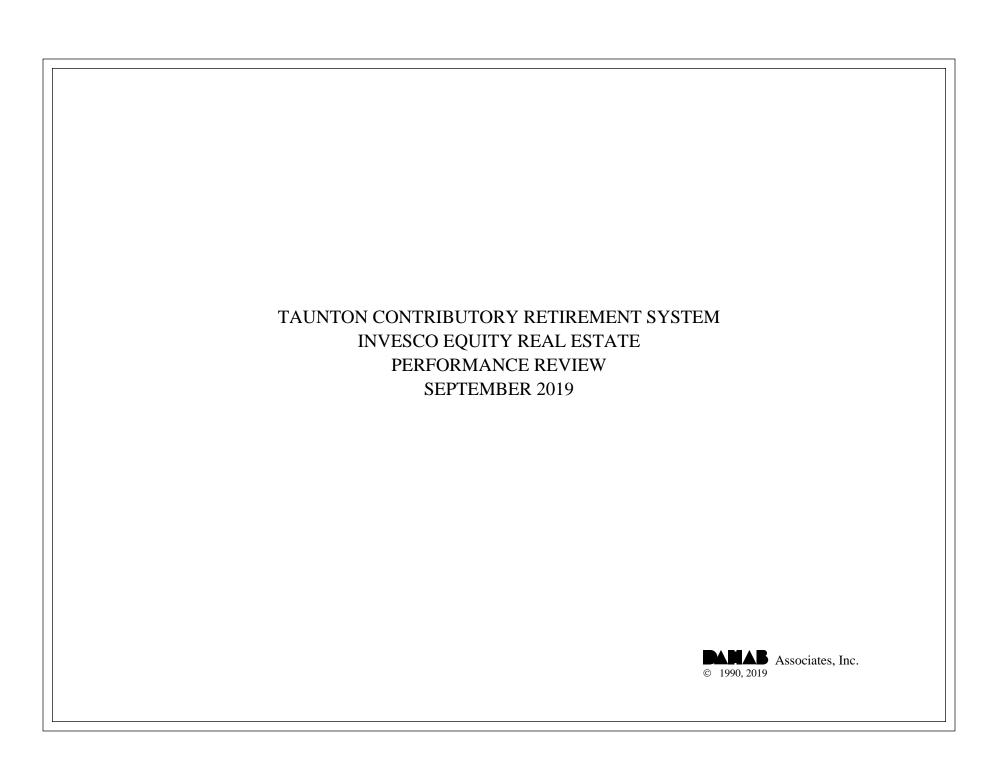


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	16
<b>Quarters Below the Benchmark</b>	24
Batting Average	.400

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/09	5.0	16.3	-11.3				
3/10	6.0	5.9	0.1				
6/10 9/10	3.1 3.8	5.9 -11.3	-2.8 15.1				
12/10	6.1	11.5	-5.4				
3/11 6/11	15.4 7.1	11.6 6.4	3.8 0.7				
9/11	7.0	0.0	7.0				
12/11	-0.4	-15.3	14.9				
3/12 6/12	1.1 4.8	12.1 12.9	-11.0 -8.1				
9/12	-1.0	-3.1	2.1				
12/12	0.1	6.2	-6.1				
3/13 6/13	-0.3 -1.3	0.3 11.1	-0.6 -12.4				
9/13	-1.3	2.7	-4.0				
12/13 3/14	5.0 18.6	6.4 10.1	-1.4 8.5				
6/14	2.3	2.0	0.3				
9/14 12/14	0.6 2.2	4.9 0.0	-4.3 2.2				
3/15	10.4	5.2	5.2				
6/15	0.2	1.8	-1.6				
9/15 12/15	2.2 -3.7	0.1 -7.2	2.1 3.5				
3/16	1.9	6.3	-4.4				
6/16	-1.7	1.0	-2.7				
9/16 12/16	0.9 4.8	2.6 4.4	-1.7 0.4				
3/17	3.6	4.2	-0.6				
6/17	5.1	5.7	-0.6				
9/17 12/17	0.9 2.0	3.0 4.6	-2.1 -2.6				
3/18	3.8	6.3	-2.5				
6/18 9/18	3.8 -0.6	-0.6 3.9	4.4 -4.5				
12/18	-15.7	7.1	-22.8				
3/19	-2.3	-14.3	12.0				
6/19 9/19	0.5 -0.1	14.0 4.1	-13.5 -4.2				

# **APPENDIX - DISCLOSURES**

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



On September 30th, 2019, the Taunton Contributory Retirement System's Invesco Equity Real Estate portfolio was valued at \$7,609,274, representing an increase of \$516,594 from the June quarter's ending value of \$7,092,680. Last quarter, the Fund posted withdrawals totaling \$13,623, which partially offset the portfolio's net investment return of \$530,217. Since there were no income receipts for the third quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$530,217.

### **RELATIVE PERFORMANCE**

### **Total Fund**

During the third quarter, the Invesco Equity Real Estate account returned 7.5%, which was 0.2% below the NAREIT's return of 7.7%. Over the trailing year, the portfolio returned 21.2%, which was 0.5% above the benchmark's 20.7% return. Since September 2009, the Invesco Equity Real Estate portfolio returned 13.3% per annum, while the NAREIT returned an annualized 13.6% over the same time frame.

### **ASSET ALLOCATION**

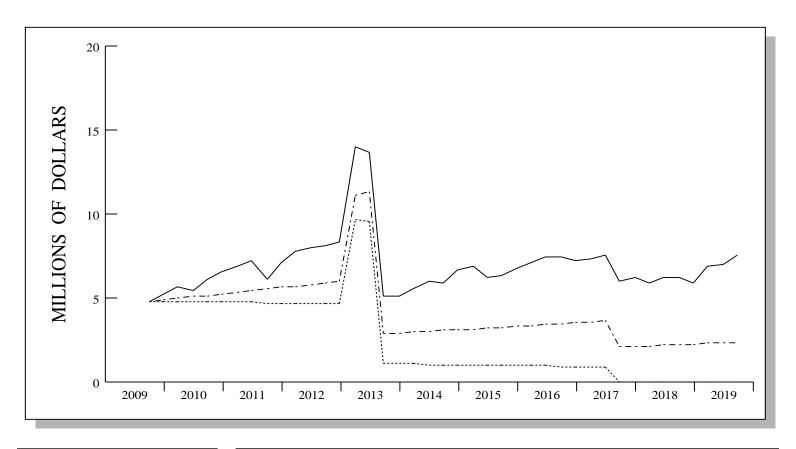
This account was fully invested in the Invesco Equity Real Estate Fund at quarter end.

PERFORMANCE SUMMARY								
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/09		
Total Portfolio - Gross	7.5	29.0	21.2	9.3	10.9	13.3		
Total Portfolio - Net	7.3	28.3	20.3	8.5	10.2	12.5		
NAREIT	7.7	28.5	20.7	9.0	11.1	13.6		
Real Assets - Gross	7.5	29.0	21.2	9.3	10.9	13.3		
NAREIT	7.7	28.5	20.7	9.0	11.1	13.6		

ASSET ALLOCATION							
Real Assets	100.0%	\$ 7,609,274					
Total Portfolio	100.0%	\$ 7,609,274					

# INVESTMENT RETURN

Market Value 6/2019	\$ 7,092,680
Contribs / Withdrawals	- 13,623
Income	0
Capital Gains / Losses	530,217
Market Value 9/2019	\$ 7,609,274

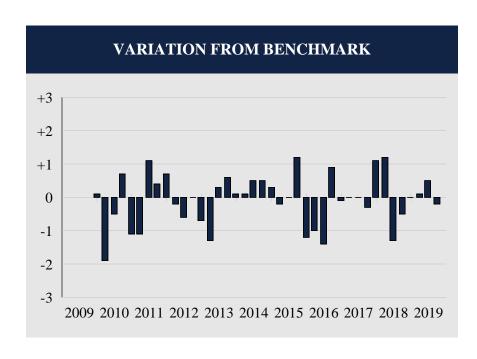


VALUE ASSUMING 8.0% RETURN \$ 2,412,596

	LAST QUARTER	PERIOD 9/09 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 7,092,680 -13,623 530,217 \$ 7,609,274	\$ 4,863,770 -5,618,391 8,363,895 \$ 7,609,274
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{530,217}$ 530,217	$ \begin{array}{r} 0 \\ 8,363,895 \\ \hline 8,363,895 \end{array} $

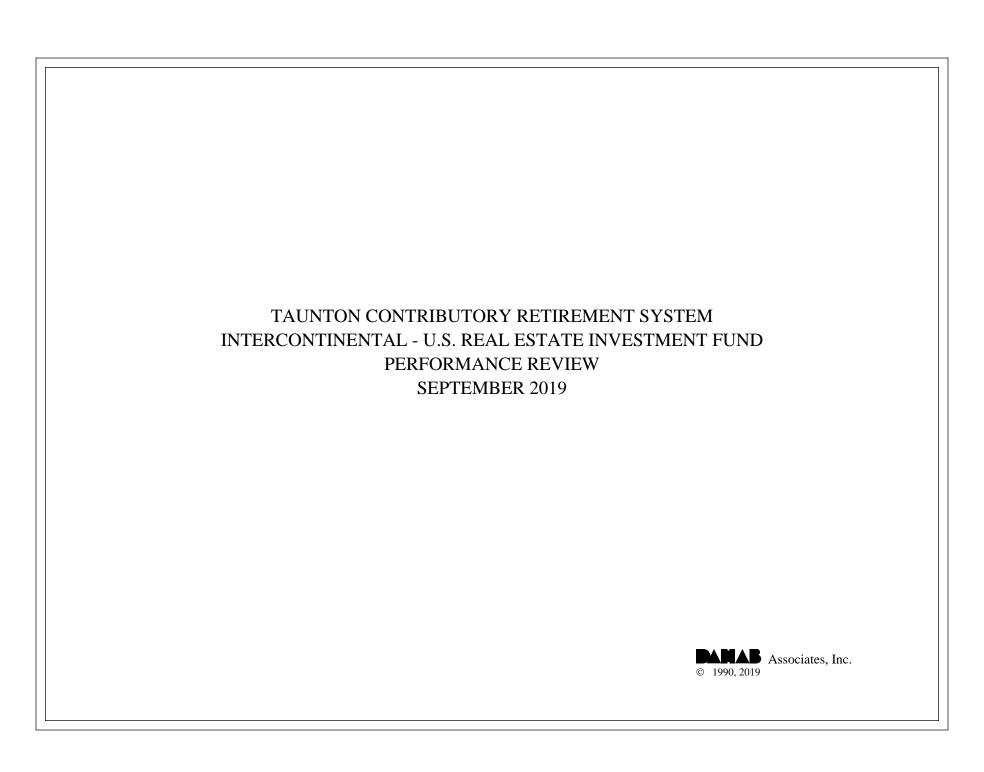
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

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



On September 30th, 2019, the Taunton Contributory Retirement System's Intercontinental U.S. Real Estate Investment Fund was valued at \$16,644,989, representing an increase of \$374,351 from the June quarter's ending value of \$16,270,638. Last quarter, the Fund posted withdrawals totaling \$32,569, which partially offset the portfolio's net investment return of \$406,920. Income receipts totaling \$202,618 plus net realized and unrealized capital gains of \$204,302 combined to produce the portfolio's net investment return.

### RELATIVE PERFORMANCE

### **Total Fund**

For the third quarter, the Intercontinental U.S. Real Estate Investment Fund gained 2.5%, which was 1.2% greater than the NCREIF NFI-ODCE Index's return of 1.3%. Over the trailing twelve-month period, the account returned 8.3%, which was 2.7% above the benchmark's 5.6% performance. Since June 2014, the portfolio returned 11.7% per annum, while the NCREIF NFI-ODCE Index returned an annualized 9.5% 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 September 30, 2019

Market Value	\$ 16,644,989	Last Appraisal Date:9/30/2019
Initial Commitment	\$ 10,000,000	
Capital Commited	\$ 10,000,000	100.00%
Remaining Commitment	-	-
Net IRR	14.27%	

			% of	Dividends		
Date	C	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)
7/1/2019	\$	_	0.00%	\$ 120,292	\$	(152,861)
Total	\$	10,000,000	100.00%	\$ 1,997,451	\$	(2,601,195)

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/14	
Total Portfolio - Gross	2.5	6.1	8.3	10.5	11.7	11.7	
Total Portfolio - Net	2.3	5.4	6.9	9.0	10.4	10.4	
NCREIF ODCE	1.3	3.8	5.6	7.3	9.3	9.5	
Real Assets - Gross	2.5	6.1	8.3	10.5	11.7	11.7	
NCREIF ODCE	1.3	3.8	5.6	7.3	9.3	9.5	

ASSET ALLOCATION							
Real Assets	100.0%	\$ 16,644,989					
Total Portfolio	100.0%	\$ 16,644,989					

# INVESTMENT RETURN

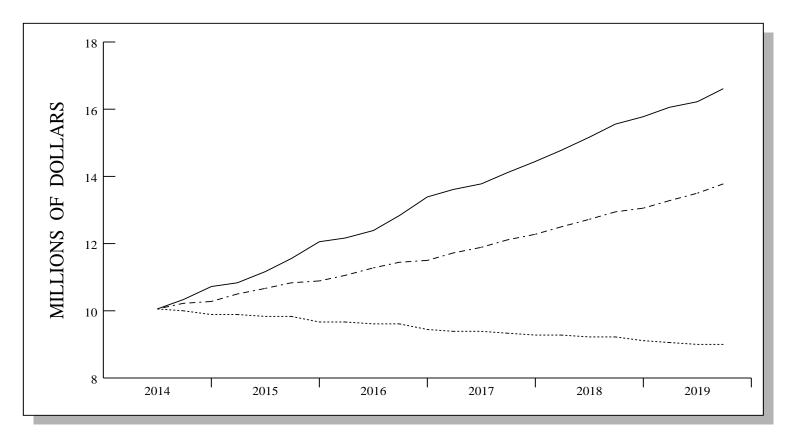
 Market Value 6/2019
 \$ 16,270,638

 Contribs / Withdrawals
 - 32,569

 Income
 202,618

 Capital Gains / Losses
 204,302

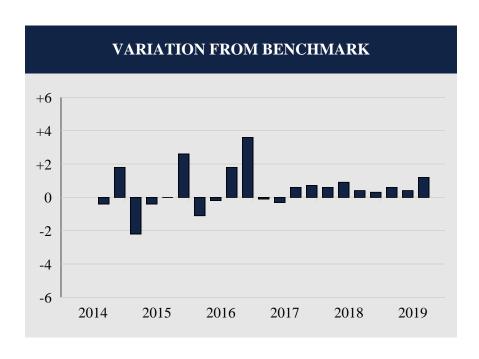
 Market Value 9/2019
 \$ 16,644,989



VALUE ASSUMING 8.0% RETURN \$ 13,780,125

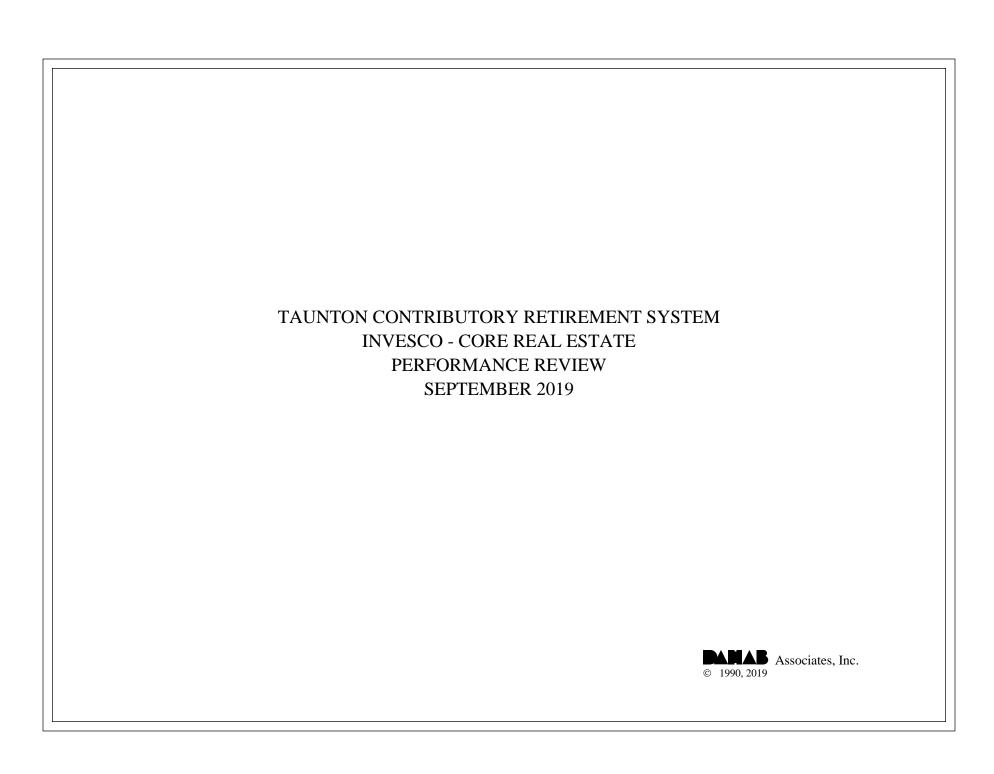
	LAST QUARTER	PERIOD 6/14 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,270,638 - 32,569 406,920 \$ 16,644,989	\$ 10,058,632 -1,035,928 -7,622,285 \$ 16,644,989
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{202,618}{204,302}$ $\frac{406,920}$	$ \begin{array}{r} 3,494,382 \\ 4,127,903 \\ \hline 7,622,285 \end{array} $

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



<b>Total Quarters Observed</b>	21
Quarters At or Above the Benchmark	14
<b>Quarters Below the Benchmark</b>	7
Batting Average	.667

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			
12/16	5.7	2.1	3.6			
3/17	1.7	1.8	-0.1			
6/17	1.4	1.7	-0.3			
9/17	2.5	1.9	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			
9/19	2.5	1.3	1.2			



On September 30th, 2019, the Taunton Contributory Retirement System's Invesco Core Real Estate portfolio was valued at \$16,587,688, representing an increase of \$289,109 from the June quarter's ending value of \$16,298,579. Last quarter, the Fund posted withdrawals totaling \$41,728, which partially offset the portfolio's net investment return of \$330,837. Income receipts totaling \$148,723 plus net realized and unrealized capital gains of \$182,114 combined to produce the portfolio's net investment return.

### RELATIVE PERFORMANCE

### **Total Fund**

For the third quarter, the Invesco Core Real Estate account gained 2.0%, which was 0.7% greater than the NCREIF NFI-ODCE Index's return of 1.3%. Over the trailing twelve-month period, the account returned 6.5%, which was 0.9% above the benchmark's 5.6% performance. Since September 2009, the portfolio returned 10.6% per annum, while the NCREIF NFI-ODCE Index returned an annualized 10.9% 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 09/09	
Total Portfolio - Gross	2.0	4.2	6.5	8.1	9.9	10.6	
Total Portfolio - Net	1.8	3.5	5.5	7.1	8.8	9.7	
NCREIF ODCE	1.3	3.8	5.6	7.3	9.3	10.9	
Real Assets - Gross	2.0	4.2	6.5	8.1	9.9	10.6	
NCREIF ODCE	1.3	3.8	5.6	7.3	9.3	10.9	

ASSET ALLOCATION					
Real Assets	100.0%	\$ 16,587,688			
Total Portfolio	100.0%	\$ 16,587,688			

# INVESTMENT RETURN

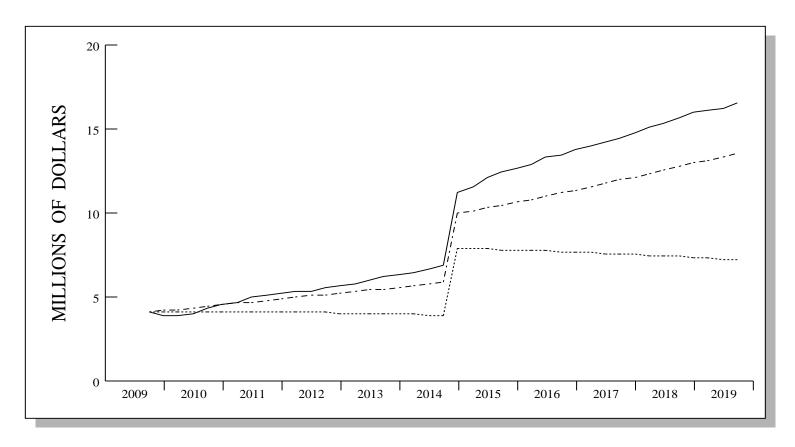
 Market Value 6/2019
 \$ 16,298,579

 Contribs / Withdrawals
 -41,728

 Income
 148,723

 Capital Gains / Losses
 182,114

 Market Value 9/2019
 \$ 16,587,688



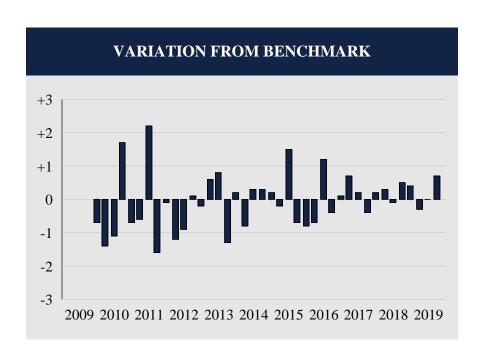
3

VALUE ASSUMING 8.0% RETURN \$ 13,643,824

	LAST QUARTER	PERIOD 9/09 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,298,579 - 41,728 330,837 \$ 16,587,688	\$ 4,161,204 3,121,332 9,305,152 \$ 16,587,688
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{148,723}{182,114}$ $\phantom{00000000000000000000000000000000000$	3,167,478 6,137,674 9,305,152

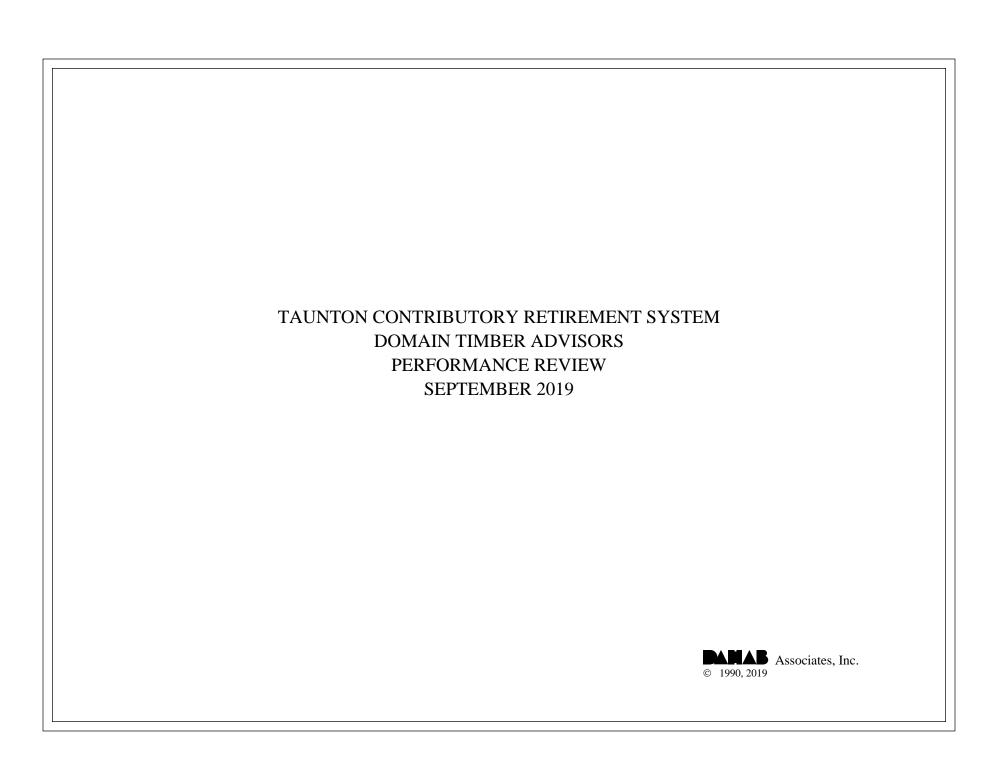
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

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 OF RETURN					
Date	Portfolio	Benchmark	Difference		
Date  12/09  3/10  6/10  9/10  12/10  3/11  6/11  9/11  12/11  3/12  6/12  9/12  12/12  3/13  6/13  9/13  12/13  3/14  6/14	Portfolio  -4.2  -0.6 3.3 7.1 4.3 3.4 6.8 1.9 2.9 1.6 1.6 2.9 2.1 3.3 4.7 2.3 3.4 1.7 3.2	-3.5 0.8 4.4 5.4 5.0 4.0 4.6 3.5 3.0 2.8 2.5 2.8 2.3 2.7 3.9 3.6 3.2 2.5 2.9	-0.7 -1.4 -1.1 1.7 -0.7 -0.6 2.2 -1.6 -0.1 -1.2 -0.9 0.1 -0.2 0.6 0.8 -1.3 0.2 -0.8 0.3		
9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19	3.5 3.5 3.2 5.3 3.0 2.5 1.5 3.3 1.7 2.2 2.5 1.9 1.5 2.3 2.5 1.9 2.6 2.2 1.1 1.0 2.0	3.2 3.3 3.4 3.8 3.7 3.3 2.2 2.1 2.1 1.8 1.7 1.9 2.1 2.2 2.0 2.1 1.8 1.4 1.0 1.3	0.3 0.2 -0.2 1.5 -0.7 -0.8 -0.7 1.2 -0.4 0.1 0.7 0.2 -0.4 0.2 -0.4 0.2 0.3 -0.1 0.5 0.4 -0.3 0.0 0.7		



On September 30th, 2019, the Taunton Contributory Retirement System's Domain Timber Advisors portfolio was valued at \$2,482,081, a decrease of \$145,031 from the June ending value of \$2,627,112. Last quarter, the account recorded total net withdrawals of \$123,866 in addition to \$21,165 in net investment losses. Because there were no income receipts during the third quarter, the portfolio's net investment losses were entirely made up of capital losses (realized and unrealized).

### **RELATIVE PERFORMANCE**

During the third quarter, the Domain Timber Advisors portfolio returned -0.8%, which was 1.0% less than the NCREIF Timber Index's return of 0.2%. Over the trailing year, the account returned 2.3%, which was 0.2% greater than the benchmark's 2.1% return. Since June 2011, the portfolio returned 4.8% per annum, while the NCREIF Timber Index returned an annualized 5.3% 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 September 30, 2019

As of September 30, 2019							
Market Value	\$	2,482,081	Last Appraisal I	Date: 9/30/2019			
Initial Commitment	\$	2,500,000	100.00%				
Paid In Capital	\$	2,500,000	100.00%				
Remaining Commitment	\$	-	0.00%				
IRR		3.96%					
			% of	Recallable	% of		
Date	Co	ntributions	Commitment	Contributions	Commitment	Di	stributions
Year 2011	\$	625,000	25.00%	\$ -	0.00%	\$	-
Year 2012	\$	875,000	35.00%	\$ -	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)
9/18/2019	\$	-	0.00%	\$ -	0.00%	\$	(123,886)
Total	\$	2,500,000	100.00%	\$ -	0.00%	\$	(717,564)

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/11
Total Portfolio - Gross	-0.8	2.3	2.3	3.0	2.1	4.8
Total Portfolio - Net	-1.1	1.5	1.3	2.0	1.0	4.0
NCREIF Timber	0.2	1.3	2.1	3.1	4.4	5.3
Real Assets - Gross	-0.8	2.3	2.3	3.0	2.1	4.8
NCREIF Timber	0.2	1.3	2.1	3.1	4.4	5.3

ASSET ALLOCATION					
Real Assets	100.0%	\$ 2,482,081			
Total Portfolio	100.0%	\$ 2,482,081			

# INVESTMENT RETURN

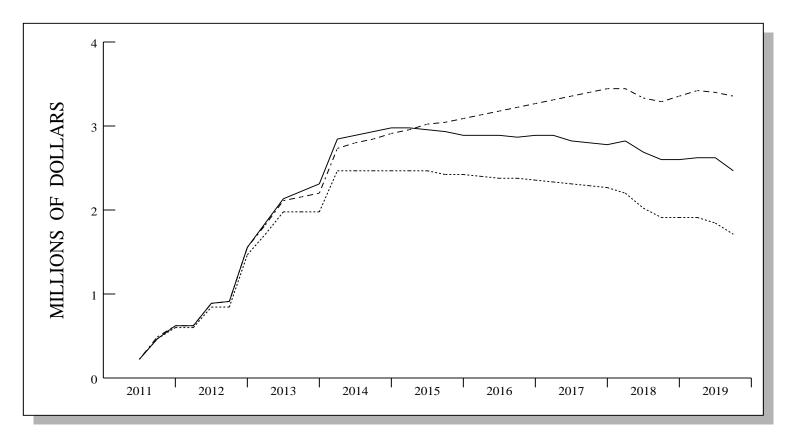
 Market Value 6/2019
 \$ 2,627,112

 Contribs / Withdrawals
 -123,866

 Income
 0

 Capital Gains / Losses
 -21,165

 Market Value 9/2019
 \$ 2,482,081

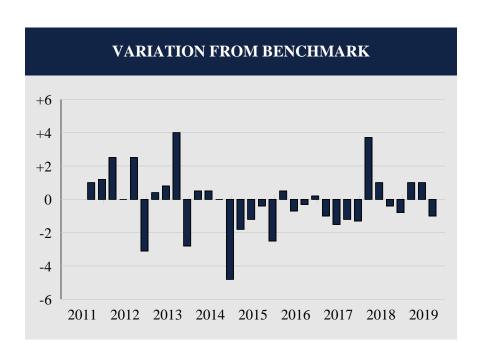


VALUE ASSUMING 8.0% RETURN \$ 3,361,983

	LAST QUARTER	PERIOD 6/11 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 2,627,112 \\ -123,866 \\ -21,165 \\ \hline \$ \ 2,482,081 \end{array}$	\$ 236,632 1,487,417 758,032 \$ 2,482,081
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -21,165 \\ \hline -21,165 \end{array} $	68,064 689,968 758,032

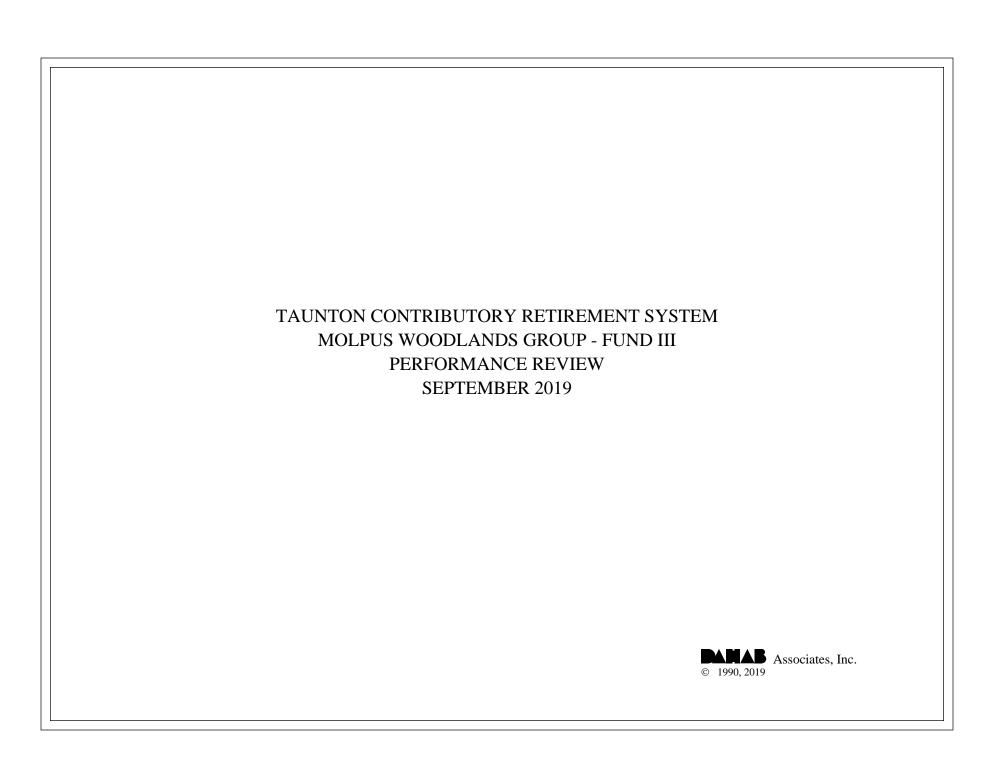
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



<b>Total Quarters Observed</b>	33
Quarters At or Above the Benchmark	17
<b>Quarters Below the Benchmark</b>	16
Batting Average	.515

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			
9/19	-0.8	0.2	-1.0			



On September 30th, 2019, the Taunton Contributory Retirement System's Molpus Woodlands Group Fund III portfolio was valued at \$2,251,075, representing an increase of \$26,846 from the June quarter's ending value of \$2,224,229. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$26,846 in net investment returns. Since there were no income receipts for the third quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$26,846.

### RELATIVE PERFORMANCE

### **Total Fund**

During the third quarter, the Molpus Woodlands Group Fund III portfolio returned 1.5%, which was 1.3% greater than the NCREIF Timber Index's return of 0.2%. Over the trailing year, the account returned 2.9%, which was 0.8% greater than the benchmark's 2.1% return. Since June 2011, the portfolio returned 4.7% per annum, while the NCREIF Timber Index returned an annualized 5.3% over the same time frame.

### **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 September 30, 2019

Market Value	\$ 2,251,075	Last Appraisal Date: 9/30/2019
Initial Commitment	\$ 2,500,000	100.00%
Paid In Capital	\$ 2,362,500	94.50%
Remaining Commitment	\$ 137,500	5.50%
IRR	4.22%	

			% of	F	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	1.5	2.5	2.9	2.8	4.4	4.7	
Total Portfolio - Net	1.2	1.7	1.8	1.8	3.4	3.7	
NCREIF Timber	0.2	1.3	2.1	3.1	4.4	5.3	
Real Assets - Gross	1.5	2.5	2.9	2.8	4.4	4.7	
NCREIF Timber	0.2	1.3	2.1	3.1	4.4	5.3	

ASSET ALLOCATION					
100.0%	\$ 2,251,075				
100.0%	\$ 2,251,075				
	100.0%				

# INVESTMENT RETURN

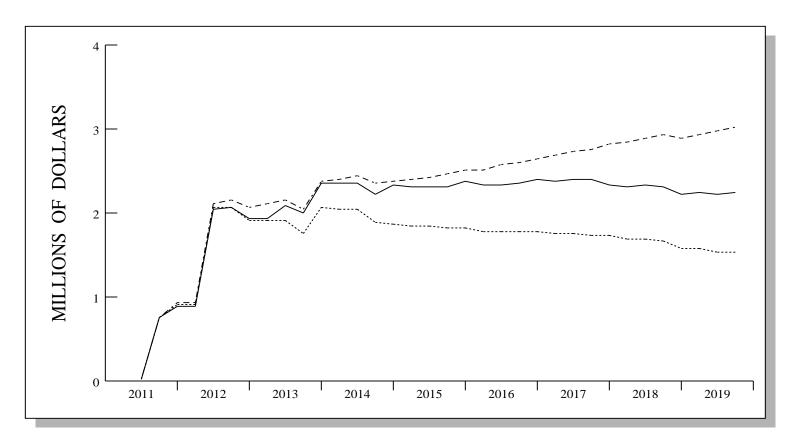
 Market Value 6/2019
 \$ 2,224,229

 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 26,846

 Market Value 9/2019
 \$ 2,251,075

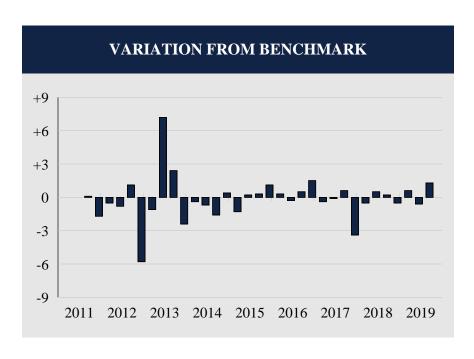


VALUE ASSUMING 8.0% RETURN \$ 3,040,847

	LAST QUARTER	PERIOD 6/11 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 2,224,229 \\ 0 \\ \hline 26,846 \\ \$ \ 2,251,075 \end{array}$	\$ 34,781 1,516,532 699,762 \$ 2,251,075
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{26,846}$ 26,846	14,400 685,362 699,762

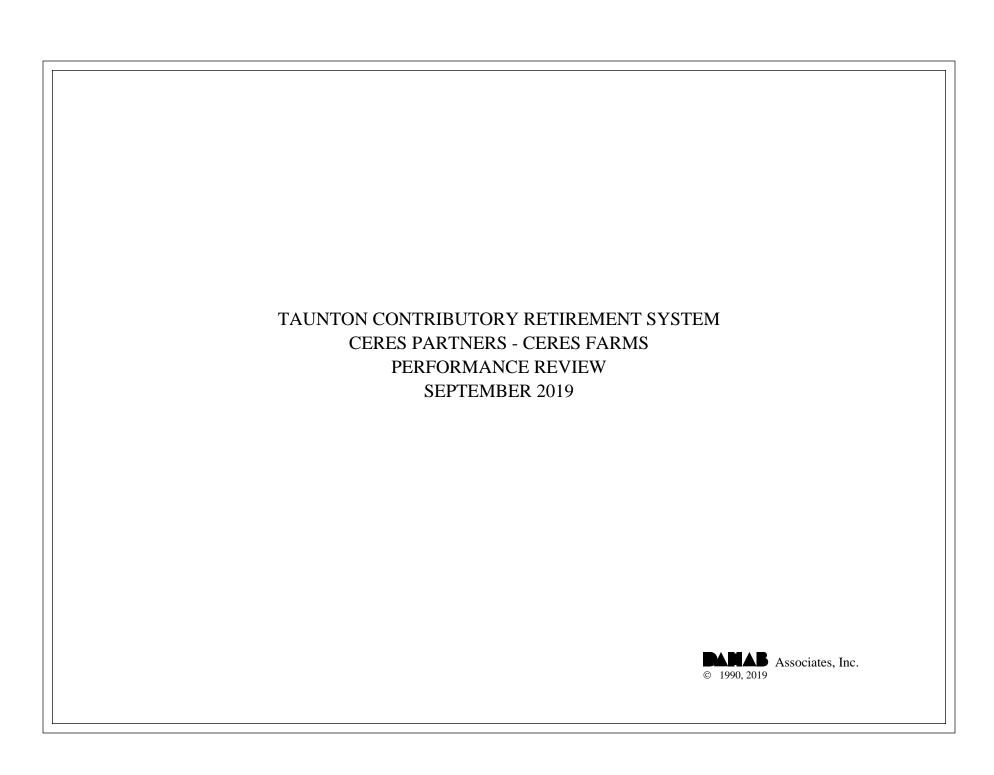
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



<b>Total Quarters Observed</b>	33
Quarters At or Above the Benchmark	16
<b>Quarters Below the Benchmark</b>	17
<b>Batting Average</b>	.485

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 -0.1	1.1 1.5	-0.7			
9/14 12/14	-0.1 6.4	6.0	-1.6 0.4			
3/15 6/15	0.5 0.7	1.8 0.5	-1.3 0.2			
9/15	1.1	0.5	0.2			
12/15	3.0	1.9	1.1			
3/16	0.0	-0.3	0.3			
6/16	0.0	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			
9/19	1.5	0.2	1.3			



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Ceres Partners Ceres Farms portfolio was valued at \$5,864,940, representing an increase of \$37,927 from the June quarter's ending value of \$5,827,013. Last quarter, the Fund posted withdrawals totaling \$24,205, which offset the portfolio's net investment return of \$62,132. Income receipts totaling \$3,835 plus net realized and unrealized capital gains of \$58,297 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

For the third quarter, the Ceres Partners Ceres Farms account gained 1.1%, which was 0.1% greater than the NCREIF Farmland Index's return of 1.0%. Over the trailing twelve-month period, the account returned 7.9%, which was 2.6% above the benchmark's 5.3% performance. Since September 2013, the portfolio returned 7.3% per annum, while the NCREIF Farmland Index returned an annualized 9.1% 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 September 30, 2019							
Market Value	\$	5,864,940	Last Appraisal	Date: 9/30/2019	)		
Initial Commitment	\$	4,500,000	100.00%				
Paid In Capital	\$	4,500,000	100.00%				
Remaining Commitment	\$	-	0.00%				
IRR		5.01%					
			% of	Recallable	% of		
Date	Co	ntributions	Commitment	Contributions	Commitment	Distributi	ons
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%	\$	-

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/13	
Total Portfolio - Gross	1.1	6.1	7.9	6.3	6.1	7.3	
Total Portfolio - Net	0.7	4.2	5.5	4.3	4.0	5.0	
NCREIF Farmland	1.0	2.4	5.3	6.1	7.9	9.1	
Real Assets - Gross	1.1	6.1	7.9	6.3	6.1	7.3	
NCREIF Farmland	1.0	2.4	5.3	6.1	7.9	9.1	

ASSET ALLOCATION					
Real Assets	100.0%	\$ 5,864,940			
Total Portfolio	100.0%	\$ 5,864,940			

# INVESTMENT RETURN

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

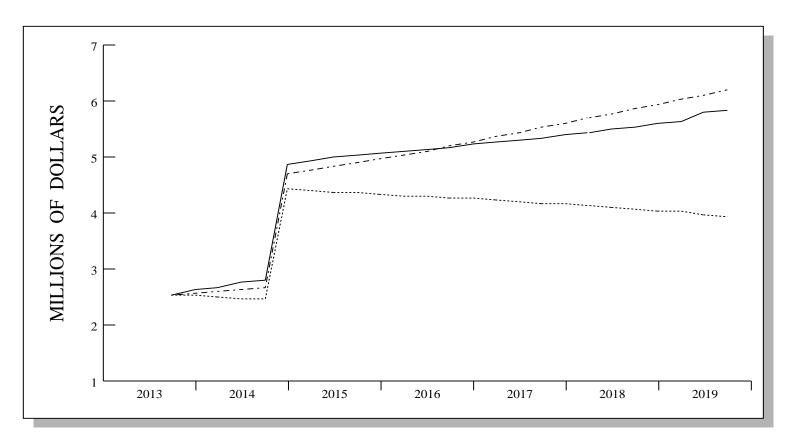
 Contribs / Withdrawals
 -24,205

 Income
 3,835

 Capital Gains / Losses
 58,297

 Market Value 9/2019
 \$ 5,864,940

### **INVESTMENT GROWTH**

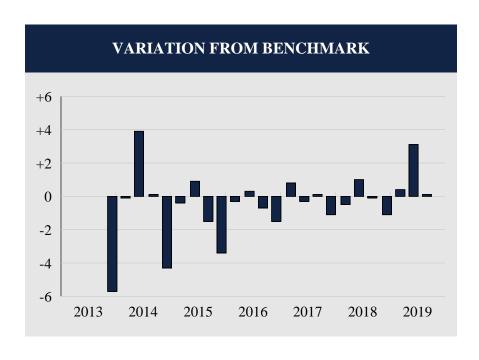


VALUE ASSUMING 8.0% RETURN \$ 6,207,001

	LAST QUARTER	PERIOD 9/13 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,827,013 - 24,205 62,132 \$ 5,864,940	\$ 2,566,276 1,392,589 1,906,075 \$ 5,864,940
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	3,835 58,297 62,132	952,826 953,249 1,906,075

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

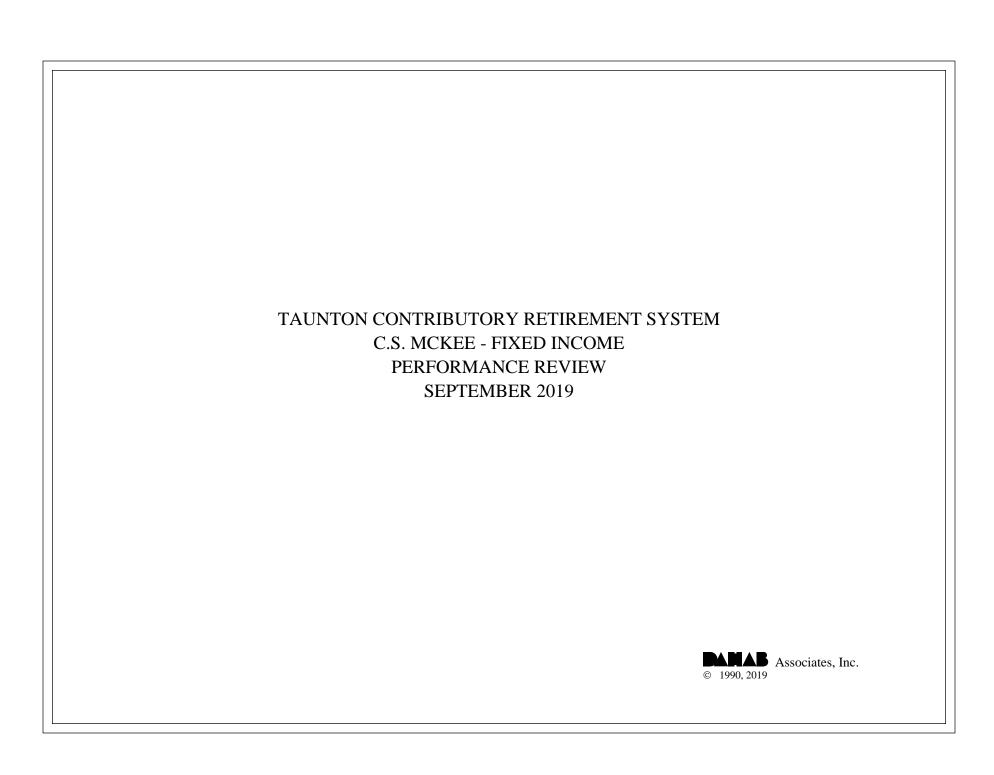
### COMPARATIVE BENCHMARK: NCREIF FARMLAND INDEX



<b>Total Quarters Observed</b>	24
Quarters At or Above the Benchmark	10
<b>Quarters Below the Benchmark</b>	14
Batting Average	.417

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			
9/19	1.1	1.0	0.1			

5



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's C.S. McKee Fixed Income portfolio was valued at \$14,755,353, representing an increase of \$362,911 from the June quarter's ending value of \$14,392,442. Last quarter, the Fund posted withdrawals totaling \$10,798, which partially offset the portfolio's net investment return of \$373,709. Income receipts totaling \$105,808 plus net realized and unrealized capital gains of \$267,901 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

For the third quarter, the C.S. McKee Fixed Income portfolio returned 2.6%, which was 0.3% above the Bloomberg Barclays Aggregate Index's return of 2.3% and ranked in the 8th percentile of the Core Fixed Income universe. Over the trailing year, the portfolio returned 10.5%, which was 0.2% above the benchmark's 10.3% return, ranking in the 43rd percentile. Since September 2009, the portfolio returned 4.1% annualized and ranked in the 69th percentile. The Bloomberg Barclays Aggregate Index returned an annualized 3.8% over the same period.

#### ASSET ALLOCATION

At the end of the third quarter, fixed income comprised 99.5% of the total portfolio (\$14.7 million), while cash & equivalents totaled 0.5% (\$72,439).

#### **BOND ANALYSIS**

At the end of the quarter, approximately 45% 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 8.22 years, longer than the Bloomberg Barclays Aggregate Index's 7.92-year maturity. The average coupon was 3.20%.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/09	
Total Portfolio - Gross	2.6	9.2	10.5	3.4	3.7	4.1	
CORE FIXED INCOME RANK	(8)	(39)	(43)	(50)	(51)	(69)	
Total Portfolio - Net	2.5	8.9	10.2	2.9	3.3	3.8	
Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.8	
Fixed Income - Gross	2.6	9.3	10.7	3.4	3.8	4.2	
CORE FIXED INCOME RANK	(8)	(29)	(34)	(47)	(45)	(60)	
Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.8	
Gov/Credit	2.6	9.7	11.3	3.2	3.6	3.9	

ASSET ALLOCATION						
Fixed Income Cash	99.5% 0.5%	\$ 14,682,914 72,439				
Total Portfolio	100.0%	\$ 14,755,353				

# INVESTMENT RETURN

 Market Value 6/2019
 \$ 14,392,442

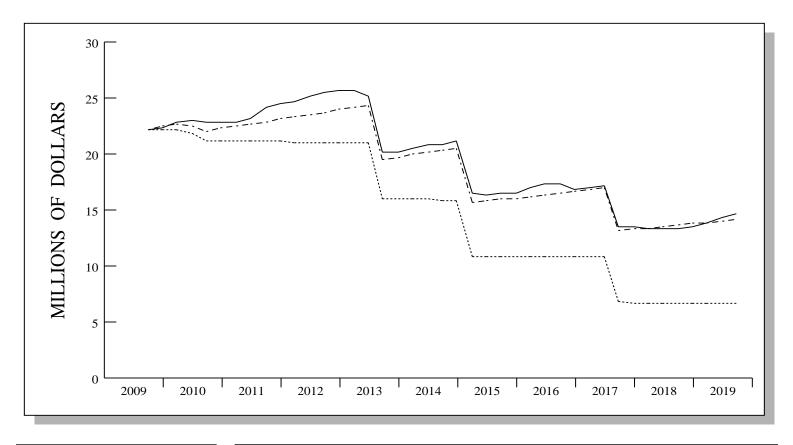
 Contribs / Withdrawals
 - 10,798

 Income
 105,808

 Capital Gains / Losses
 267,901

 Market Value 9/2019
 \$ 14,755,353

### **INVESTMENT GROWTH**

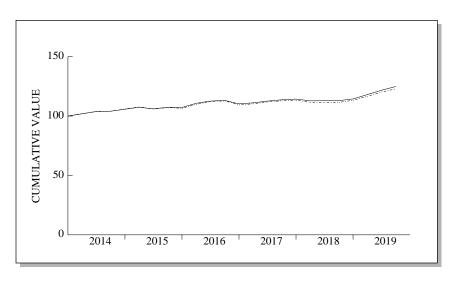


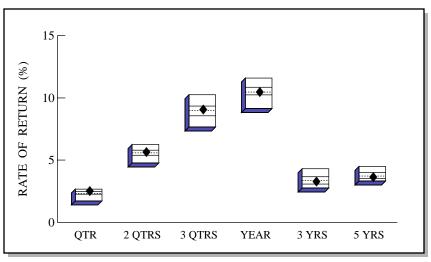
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING
4.0% RETURN \$ 14,220,132

	LAST QUARTER	PERIOD 9/09 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 14,392,442 - 10,798 373,709 \$ 14,755,353	\$ 22,310,522 -15,550,890 <u>7,995,721</u> \$ 14,755,353
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{105,808}{267,901}$ $\phantom{00000000000000000000000000000000000$	5,254,946 2,740,775 7,995,721

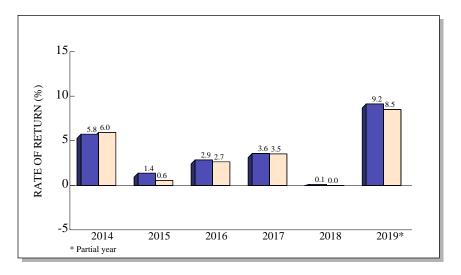
# TOTAL RETURN COMPARISONS





Core Fixed Income Universe





					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	2.6	5.7	9.2	10.5	3.4	3.7
(RANK)	(8)	(30)	(39)	(43)	(50)	(51)
5TH %ILE	2.7	6.3	10.3	11.6	4.3	4.5
25TH %ILE	2.5	5.8	9.3	10.9	3.7	4.0
MEDIAN	2.3	5.6	9.0	10.5	3.4	3.7
75TH %ILE	2.3	5.4	8.6	10.2	3.1	3.5
95TH %ILE	1.7	4.8	7.7	9.1	2.8	3.3
Agg	2.3	5.4	8.5	10.3	2.9	3.4

Core Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

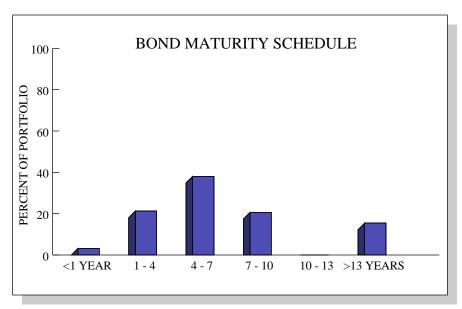
### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX

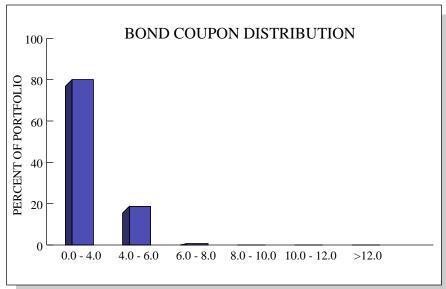


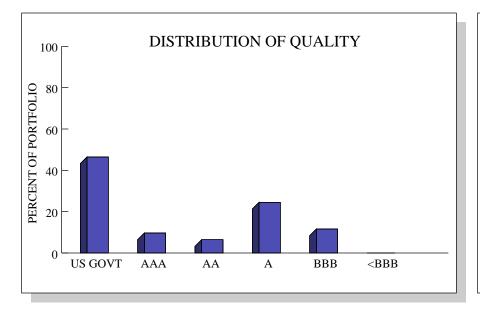
<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	29
<b>Quarters Below the Benchmark</b>	11
Batting Average	.725

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
12/09	0.2	0.2	0.0		
3/10	2.2	1.8	0.4		
6/10 9/10	2.8 2.2	3.5 2.5	-0.7 -0.3		
12/10	-0.9	-1.3	0.4		
3/11 6/11	0.7 2.0	0.4 2.3	0.3 -0.3		
9/11	4.2	3.8	0.4		
12/11	1.6	1.1	0.5		
3/12 6/12	0.7 1.9	0.3 2.1	0.4 -0.2		
9/12	1.7	1.6	0.1		
12/12 3/13	0.4 0.3	0.2 -0.1	0.2 0.4		
6/13	-2.2	-2.3	0.1		
9/13 12/13	0.2 0.0	0.6 -0.1	-0.4 0.1		
3/14	1.9	1.8	0.1		
6/14 9/14	1.8	2.0	-0.2 0.1		
9/14 12/14	0.3 1.6	0.2 1.8	-0.2		
3/15	1.6	1.6	0.0		
6/15 9/15	-1.3 1.2	-1.7 1.2	0.4 0.0		
12/15	-0.1	-0.6	0.5		
3/16 6/16	3.3 1.7	3.0 2.2	0.3 -0.5		
9/16	0.4	0.5	-0.1		
12/16	-2.5	-3.0	0.5		
3/17 6/17	0.7 1.4	0.8 1.4	-0.1 0.0		
9/17	0.9	0.8	0.1		
12/17 3/18	0.5 -1.3	0.4 -1.5	0.1 0.2		
6/18	0.1	-0.2	0.3		
9/18 12/18	0.1 1.3	0.0 1.6	0.1 -0.3		
3/19	3.2	2.9	0.3		
6/19	3.1	3.1	0.0 0.3		
9/19	2.6	2.3	0.5		

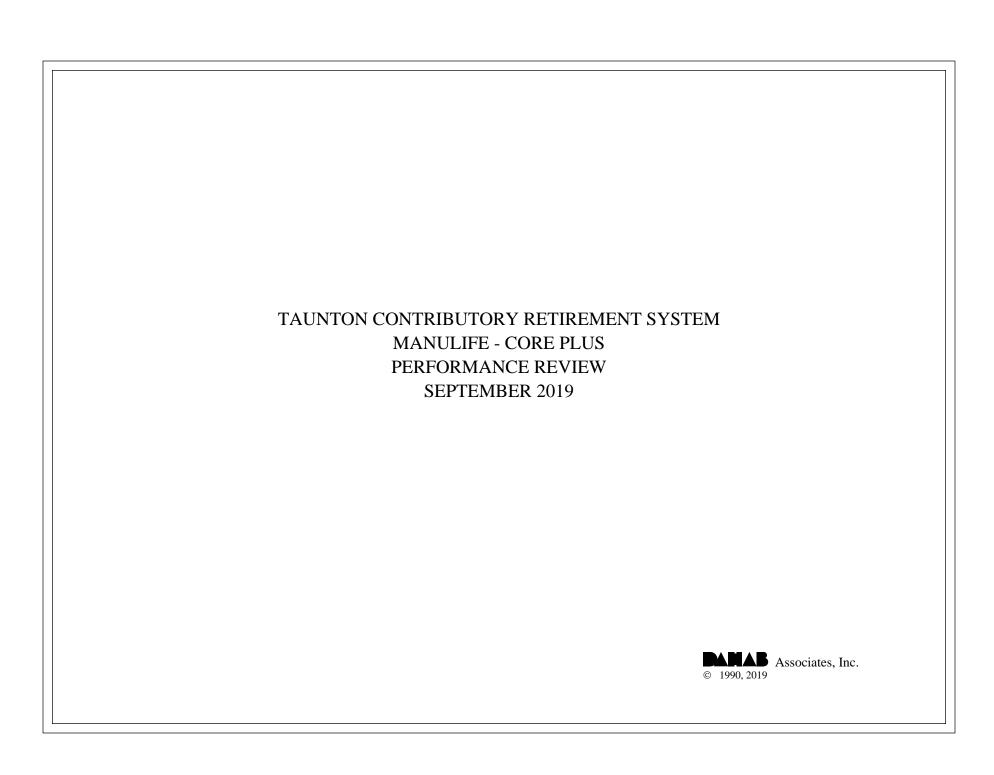
# **BOND CHARACTERISTICS**







Ma of Committee		
No. of Securities	206	10,904
Duration	6.19	5.78
YTM	2.40	2.26
Average Coupon	3.20	3.20
Avg Maturity / WAL	8.22	7.92
Average Quality	AAA-AA	USG-AAA



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Manulife Core Plus account was valued at \$17,585,330, which represented a \$429,219 increase over the June ending value of \$17,156,111. During the last three months, the account posted a net withdrawal of \$12,644, which only partially offset the fund's net investment gain of \$441,863. Since there were no income receipts for the quarter, the portfolio's net investment return figure was the result of net realized and unrealized capital gains totaling \$441,863.

#### **RELATIVE PERFORMANCE**

During the third quarter, the Manulife Core Plus portfolio gained 2.6%, which was 0.3% above the Bloomberg Barclays Aggregate Index's return of 2.3% and ranked in the 8th percentile of the Core Fixed Income universe. Over the trailing twelve-month period, this portfolio returned 10.8%, which was 0.5% greater than the benchmark's 10.3% return, and ranked in the 31st percentile. Since March 2015, the portfolio returned 4.0% per annum and ranked in the 10th percentile. The Bloomberg Barclays Aggregate Index returned an annualized 3.0% over the same period.

#### **BOND ANALYSIS**

At the end of the quarter, USG rated securities comprised nearly 45% of the bond portfolio, while corporate securities, rated AAA through less than BBB, comprised the remainder, giving the portfolio an overall average quality rating of AA. The average maturity of the portfolio was 8.71 years, longer than the Bloomberg Barclays Aggregate Index's 7.92-year maturity. The average coupon was 3.81%.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/15
Total Portfolio - Gross	2.6	10.2	10.8	4.1		4.0
CORE FIXED INCOME RANK	(8)	(6)	(31)	(8)		(10)
Total Portfolio - Net	2.5	10.0	10.4	3.9		3.7
Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.0
Fixed Income - Gross	2.6	10.2	10.8	4.1		4.0
CORE FIXED INCOME RANK	(8)	(6)	(31)	(8)		(10)
Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.0
Manulife Custom	2.1	9.1	9.5	3.6	3.8	3.5
High Yield Index	1.3	11.4	6.4	6.1	5.4	5.6

ASSET ALLOCATION				
Fixed Income	100.0%	\$ 17,585,330		
Total Portfolio	100.0%	\$ 17,585,330		

# INVESTMENT RETURN

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

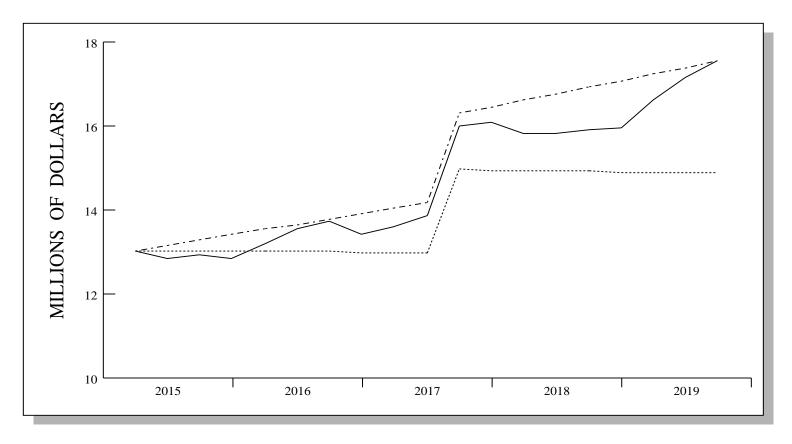
 Contribs / Withdrawals
 - 12,644

 Income
 0

 Capital Gains / Losses
 441,863

 Market Value 9/2019
 \$ 17,585,330

# **INVESTMENT GROWTH**

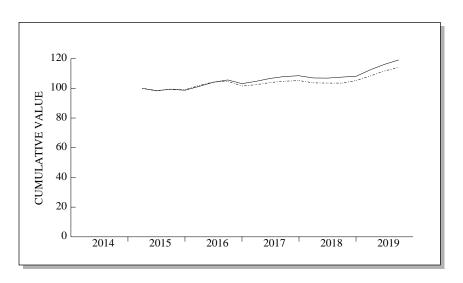


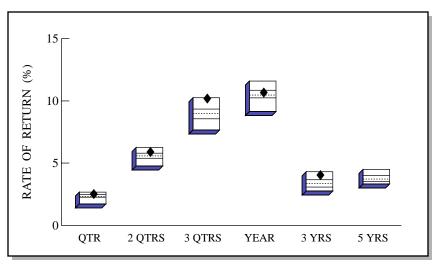
----- ACTUAL RETURN
----- 4.0%
----- 0.0%

VALUE ASSUMING 4.0% RETURN \$ 17,566,562

	LAST QUARTER	PERIOD 3/15 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 17,156,111 - 12,644 441,863 \$ 17,585,330	\$ 13,061,184 1,830,886 2,693,260 \$ 17,585,330
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{441,863}{441,863}$	$ \begin{array}{c} 0 \\ 2,693,260 \\ \hline 2,693,260 \end{array} $

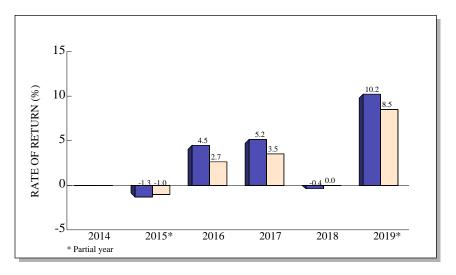
# TOTAL RETURN COMPARISONS





Core Fixed Income Universe



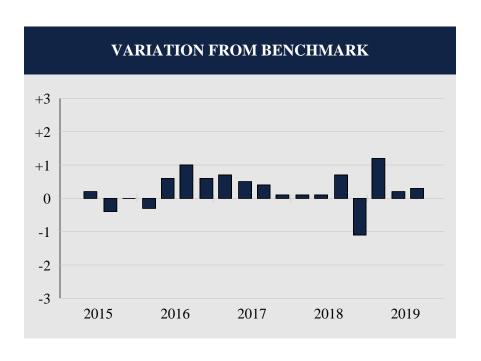


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.6	5.9	10.2	10.8	4.1	
(RANK)	(8)	(12)	(6)	(31)	(8)	
5TH %ILE	2.7	6.3	10.3	11.6	4.3	4.5
25TH %ILE	2.5	5.8	9.3	10.9	3.7	4.0
MEDIAN	2.3	5.6	9.0	10.5	3.4	3.7
75TH %ILE	2.3	5.4	8.6	10.2	3.1	3.5
95TH %ILE	1.7	4.8	7.7	9.1	2.8	3.3
Agg	2.3	5.4	8.5	10.3	2.9	3.4

Core Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

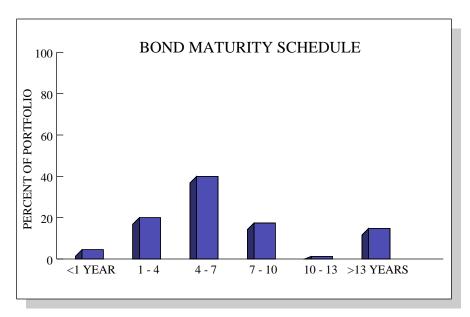
### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX

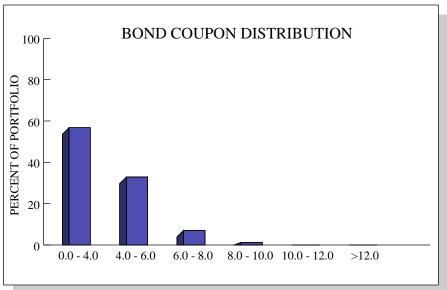


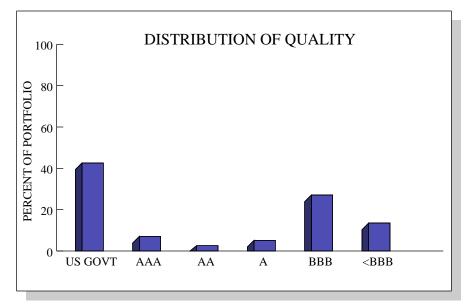
<b>Total Quarters Observed</b>	18
Quarters At or Above the Benchmark	15
<b>Quarters Below the Benchmark</b>	3
Batting Average	.833

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		
9/19	2.6	2.3	0.3		

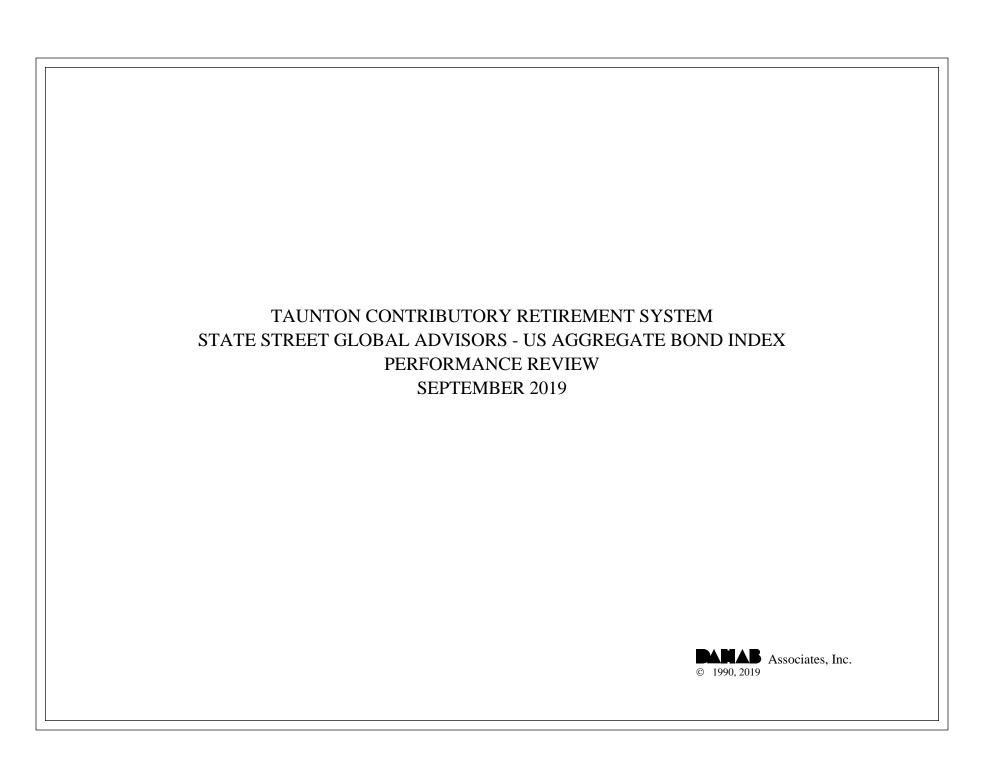
# **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	723	10,904
Duration	5.92	5.78
YTM	3.25	2.26
Average Coupon	3.81	3.20
Avg Maturity / WAL	8.71	7.92
Average Quality	AA	USG-AAA



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's State Street Global Advisors US Aggregate Bond Index portfolio was valued at \$6,071,226, representing an increase of \$135,135 from the June quarter's ending value of \$5,936,091. Last quarter, the Fund posted withdrawals totaling \$585, which partially offset the portfolio's net investment return of \$135,720. Since there were no income receipts for the third quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$135,720.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the third quarter, the State Street Global Advisors US Aggregate Bond Index portfolio returned 2.3%, which was equal to the Bloomberg Barclays Aggregate Index's return of 2.3% and ranked in the 66th percentile of the Core Fixed Income universe. Over the trailing twelve-month period, this portfolio returned 10.3%, which was equal to the benchmark's 10.3% performance, and ranked in the 66th percentile. Since September 2017, the account returned 4.4% per annum and ranked in the 81st percentile. For comparison, the Bloomberg Barclays Aggregate Index returned an annualized 4.4% 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	2.3	8.6	10.3			4.4
CORE FIXED INCOME RANK	(66)	(78)	(66)			(81)
Total Portfolio - Net	2.3	8.5	10.3			4.4
Aggregate Index	2.3	8.5	10.3	2.9	3.4	4.4
Fixed Income - Gross	2.3	8.6	10.3			4.4
CORE FIXED INCOME RANK	(66)	(78)	(66)			(81)
Aggregate Index	2.3	8.5	10.3	2.9	3.4	4.4

ASSET ALLOCATION				
100.0%	\$ 6,071,226			
100.0%	\$ 6,071,226			
	100.0%			

# INVESTMENT RETURN

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

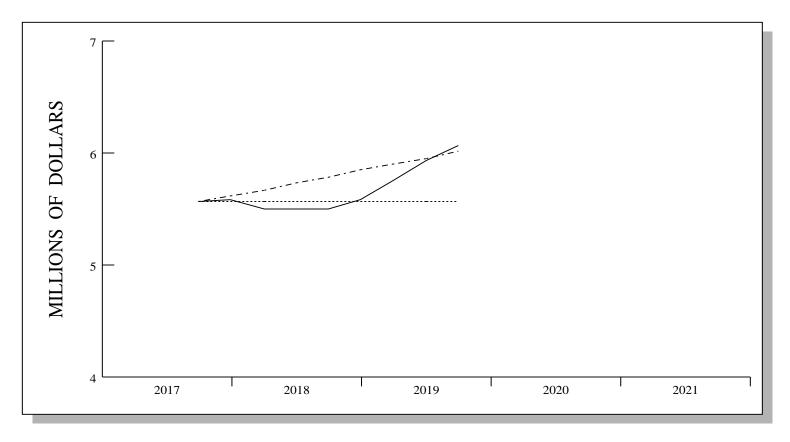
 Contribs / Withdrawals
 -585

 Income
 0

 Capital Gains / Losses
 135,720

 Market Value 9/2019
 \$ 6,071,226

### **INVESTMENT GROWTH**

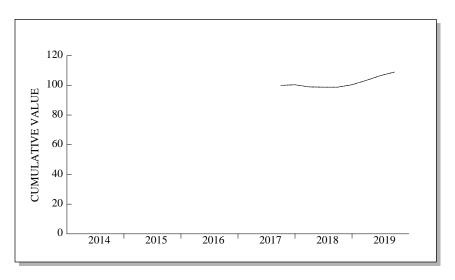


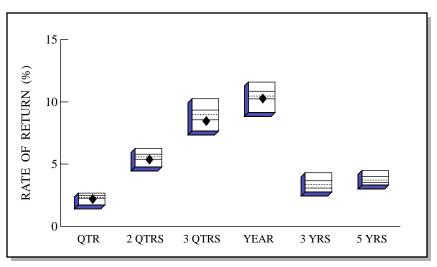
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING
4.0% RETURN \$ 6,023,802

	LAST QUARTER	PERIOD 9/17 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,936,091 -585 135,720 \$ 6,071,226	\$ 5,572,657 - 3,481 502,050 \$ 6,071,226
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 135,720 \\ \hline 135,720 \end{array} $	$\begin{array}{c} 0 \\ 502,050 \\ \hline 502,050 \end{array}$

# TOTAL RETURN COMPARISONS

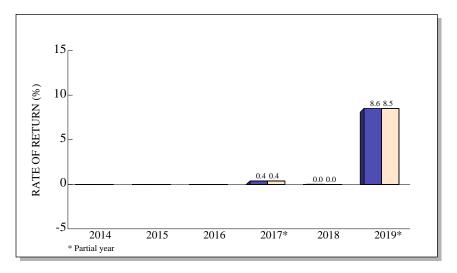




Core Fixed Income Universe



4

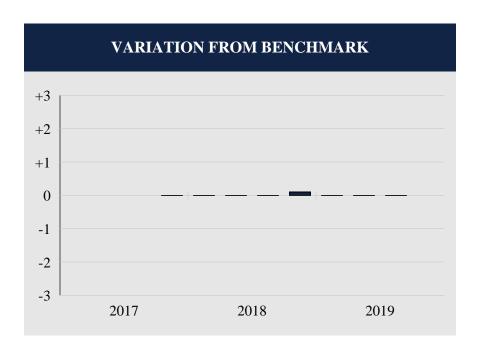


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	2.3	5.4	8.6	10.3		
(RANK)	(66)	(66)	(78)	(66)		
5TH %ILE	2.7	6.3	10.3	11.6	4.3	4.5
25TH %ILE	2.5	5.8	9.3	10.9	3.7	4.0
MEDIAN	2.3	5.6	9.0	10.5	3.4	3.7
75TH %ILE	2.3	5.4	8.6	10.2	3.1	3.5
95TH %ILE	1.7	4.8	7.7	9.1	2.8	3.3
Agg	2.3	5.4	8.5	10.3	2.9	3.4

Core Fixed Income Universe

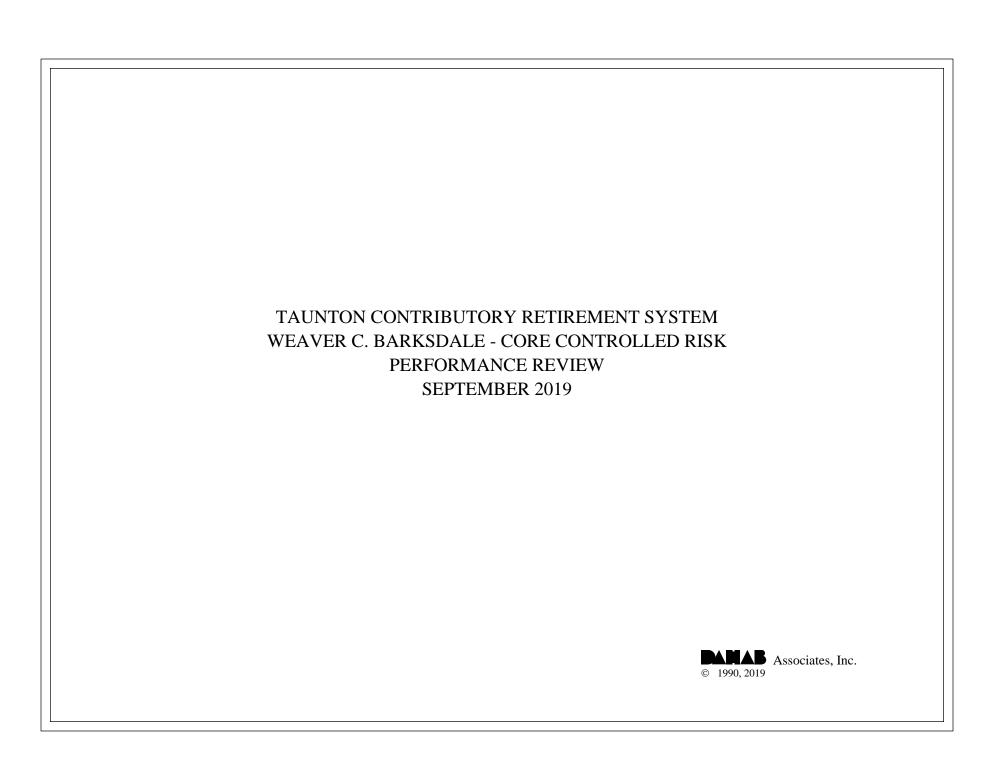
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX



<b>Total Quarters Observed</b>	8
Quarters At or Above the Benchmark	8
Quarters Below the Benchmark	0
Batting Average	1.000

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
9/19	2.3	2.3	0.0



#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Weaver C. Barksdale Core Controlled Risk portfolio was valued at \$11,759,994, representing an increase of \$16,039 from the June quarter's ending value of \$11,743,955. Last quarter, the Fund posted withdrawals totaling \$306,917, which offset the portfolio's net investment return of \$322,956. Income receipts totaling \$104,154 plus net realized and unrealized capital gains of \$218,802 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

For the third quarter, the Weaver C. Barksdale Core Controlled Risk portfolio returned 2.5%, which was 0.2% above the Bloomberg Barclays Aggregate Index's return of 2.3% and ranked in the 13th percentile of the Core Fixed Income universe. Over the trailing year, the portfolio returned 10.6%, which was 0.3% above the benchmark's 10.3% return, ranking in the 42nd percentile. Since March 2015, the portfolio returned 3.2% annualized and ranked in the 68th percentile. The Bloomberg Barclays Aggregate Index returned an annualized 3.0% over the same period.

#### ASSET ALLOCATION

At the end of the third quarter, fixed income comprised 88.8% of the total portfolio (\$10.4 million), while cash & equivalents totaled 11.2% (\$1.3 million).

#### **BOND ANALYSIS**

At the end of the quarter, approximately 55% of the total bond portfolio was comprised of USG quality securities. The remainder of the portfolio consisted of corporate securities, rated AA through BBB, giving the portfolio an overall average quality rating of AAA-AA. The average maturity of the portfolio was 9.80 years, longer than the Bloomberg Barclays Aggregate Index's 7.92-year maturity. The average coupon was 3.44%.

# **EXECUTIVE SUMMARY**

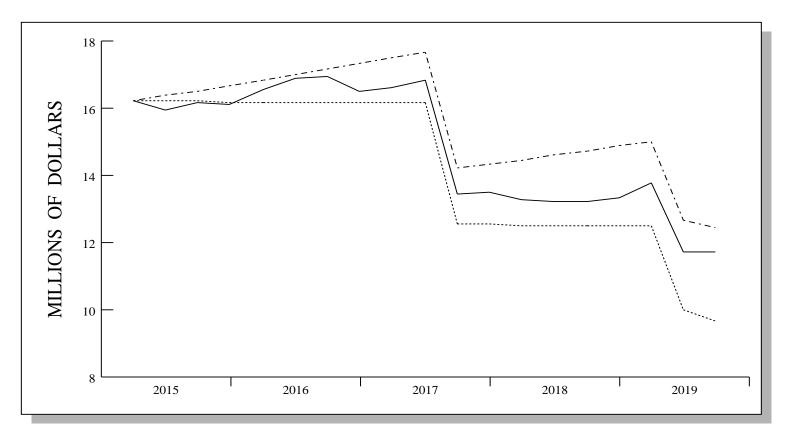
PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/15
Total Portfolio - Gross	2.5	9.6	10.6	3.3		3.2
CORE FIXED INCOME RANK	(13)	(14)	(42)	(60)		(68)
Total Portfolio - Net	2.4	9.4	10.4	3.1		3.0
Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.0
Fixed Income - Gross	2.6	10.0	11.1	3.4		3.3
CORE FIXED INCOME RANK	(8)	(6)	(13)	(50)		(58)
Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.0
Gov/Credit	2.6	9.7	11.3	3.2	3.6	3.2

ASSET A	ALLOCA	ATION
Fixed Income Cash	88.8% 11.2%	\$ 10,442,430 1,317,564
Total Portfolio	100.0%	\$ 11,759,994

# INVESTMENT RETURN

Market Value 6/2019	\$ 11,743,955
Contribs / Withdrawals	-306,917
Income	104,154
Capital Gains / Losses	218,802
Market Value 9/2019	\$ 11,759,994

# **INVESTMENT GROWTH**

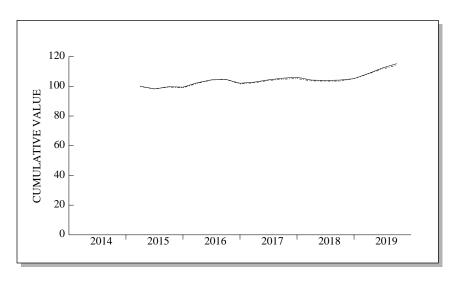


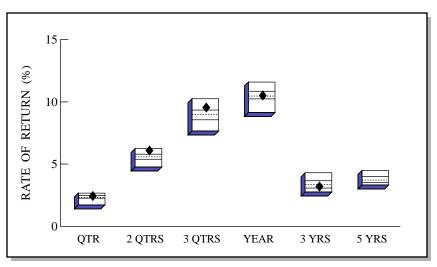
----- ACTUAL RETURN
----- 4.0%
----- 0.0%

VALUE ASSUMING
4.0% RETURN \$ 12,493,803

	LAST QUARTER	PERIOD 3/15 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 11,743,955 -306,917 322,956 \$ 11,759,994	\$ 16,237,613 - 6,534,186 2,056,567 \$ 11,759,994
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{104,154}{218,802}$ $\overline{322,956}$	$ \begin{array}{r} 1,810,407 \\ 246,160 \\ \hline 2,056,567 \end{array} $

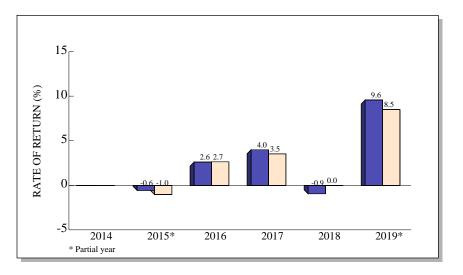
# TOTAL RETURN COMPARISONS





Core Fixed Income Universe



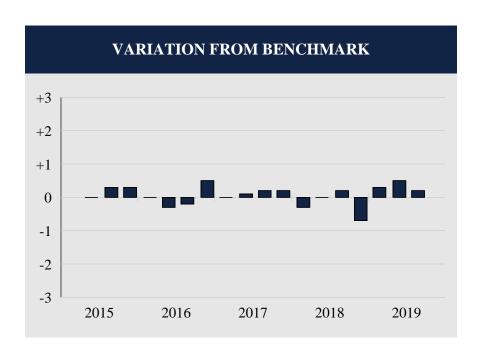


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	2.5	6.2	9.6	10.6	3.3	
(RANK)	(13)	(7)	(14)	(42)	(60)	
5TH %ILE	2.7	6.3	10.3	11.6	4.3	4.5
25TH %ILE	2.5	5.8	9.3	10.9	3.7	4.0
MEDIAN	2.3	5.6	9.0	10.5	3.4	3.7
75TH %ILE	2.3	5.4	8.6	10.2	3.1	3.5
95TH %ILE	1.7	4.8	7.7	9.1	2.8	3.3
Agg	2.3	5.4	8.5	10.3	2.9	3.4

Core Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

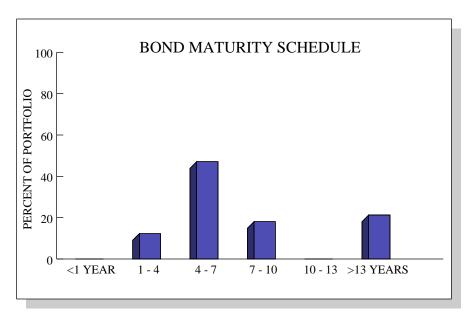
### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS AGGREGATE INDEX

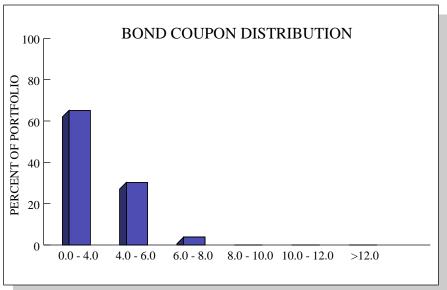


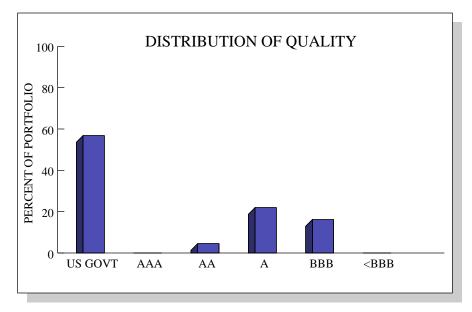
<b>Total Quarters Observed</b>	18
Quarters At or Above the Benchmark	14
<b>Quarters Below the Benchmark</b>	4
Batting Average	.778

	RATES	S 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
9/19	2.5	2.3	0.2

### **BOND CHARACTERISTICS**







		AGGREGATE IND
No. of Securities	86	10,904
Duration	7.35	5.78
YTM	2.56	2.26
Average Coupon	3.44	3.20
Avg Maturity / WAL	9.80	7.92
Average Quality	AAA-AA	<b>USG-AAA</b>

BI	TAUNTON CONTRIBUTORY RETIREMENT SYSTEM RANDYWINE GLOBAL INVESMENT MANAGEMENT - INTERNATIONAL OPPORTUNISTIC F.I. PERFORMANCE REVIEW SEPTEMBER 2019
	Associates, Inc.

#### **INVESTMENT RETURN**

On September 30th, 2019, the Taunton Contributory Retirement System's Brandywine Global Invesment Management International Opportunistic F.I. account was valued at \$8,774,478, a decrease of \$225,697 relative to the June ending value of \$9,000,175. During the last three months, the account recorded net withdrawals totaling \$10,125 as well as \$215,572 in net investment losses. Since there were no income receipts during the period, net investment losses were the result of capital losses (realized and unrealized).

#### **RELATIVE PERFORMANCE**

For the third quarter, the Brandywine Global Invesment Management International Opportunistic F.I. portfolio returned -2.4%, which was 3.0% less than the Bloomberg Barclays Global Government Bond's return of 0.6% and ranked in the 90th percentile of the International Fixed Income universe. Over the trailing year, the portfolio returned 0.7%, which was 6.9% less than the benchmark's 7.6% return, ranking in the 96th percentile. Since September 2013, the account returned 1.6% per annum and ranked in the 68th percentile. The Bloomberg Barclays Global Government Bond returned an annualized 1.3% over the same period.

#### **ASSET ALLOCATION**

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

# **EXECUTIVE SUMMARY**

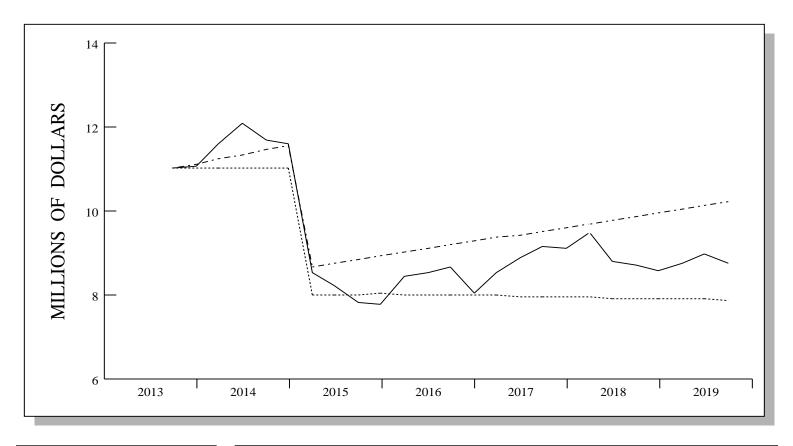
PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/13
Total Portfolio - Gross	-2.4	2.3	0.7	0.8	0.7	1.6
INT'L FIXED INCOME RANK	(90)	(92)	(96)	(93)	(86)	(68)
Total Portfolio - Net	-2.5	2.0	0.2	0.4	0.2	1.2
Global Gov Index	0.6	5.7	7.6	0.9	1.7	1.3
Fixed Income - Gross	-2.4	2.3	0.7	0.8	0.7	1.6
INT'L FIXED INCOME RANK	(90)	(92)	(96)	(93)	(86)	(68)
Global Gov Index	0.6	5.7	7.6	0.9	1.7	1.3

ASSET A	ASSET ALLOCATION					
Fixed Income	100.0%	\$ 8,774,478				
Total Portfolio	100.0%	\$ 8,774,478				

# INVESTMENT RETURN

Market Value 6/2019	\$ 9,000,175
Contribs / Withdrawals	- 10,125
Income	0
Capital Gains / Losses	-215,572
Market Value 9/2019	\$ 8,774,478

# **INVESTMENT GROWTH**

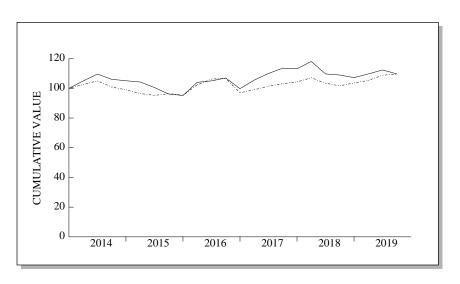


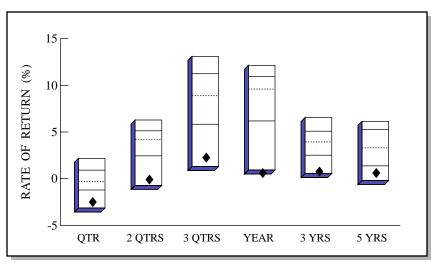
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING
4.0% RETURN \$ 10,239,874

	LAST QUARTER	PERIOD 9/13 - 9/19
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 9,000,175 -10,125 -215,572 \$ 8,774,478	\$ 11,043,715 -3,139,110 869,873 \$ 8,774,478
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -215,572 \\ \hline -215,572 \end{array} $	$ \begin{array}{c} 0 \\ 869,873 \\ \hline 869,873 \end{array} $

# TOTAL RETURN COMPARISONS

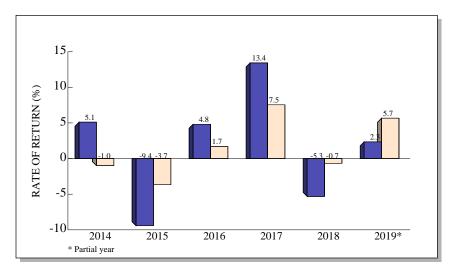




Int'l Fixed Income Universe



4

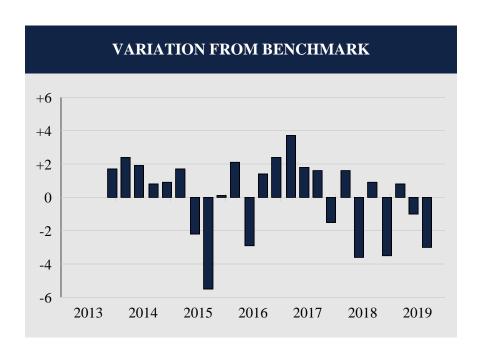


					ANNUALIZED		
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS	
RETURN	-2.4	0.0	2.3	0.7	0.8	0.7	
(RANK)	(90)	(92)	(92)	(96)	(93)	(86)	
5TH %ILE	2.2	6.3	13.1	12.1	6.6	6.1	
25TH %ILE	0.9	5.1	11.2	10.9	5.1	5.3	
MEDIAN	-0.3	4.2	8.9	9.6	3.9	3.3	
75TH %ILE	-1.2	2.4	5.8	6.2	2.5	1.4	
95TH %ILE	-3.1	-0.7	1.3	0.9	0.6	-0.2	
Global Gov	0.6	4.0	5.7	7.6	0.9	1.7	

Int'l Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: BLOOMBERG BARCLAYS GLOBAL GOVERNMENT BOND



24
16
8
.667

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			
9/19	-2.4	0.6	-3.0			