

# Taunton Contributory Retirement System Performance Review

September 2022

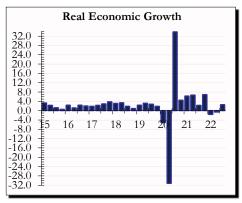




#### **ECONOMIC ENVIRONMENT**

### **No Impending Pivot**

Global markets turned lower as hopes of interest rate cuts were dashed. Central banks around the world reaffirmed their



commitment to fighting inflation, with the Federal Reserve, European Central Bank, and Bank of England all raising interest rates in the quarter. While overall sentiment appears to suggest that a

contractionary period would be upcoming, advanced estimates of third quarter GDP from the U.S. Bureau of Economic Analysis increased at an annualized rate of 2.6%.

Inflation, both where it currently stands and where it appears to be going, is now the preeminent topic driving markets. While many seem to be uniquely focused on backward-looking inflation figures, we are starting to see signs of relief looking forward. Unfortunately, we still believe that headline inflation is likely to linger as some of its larger components are "stickier".

First, housing costs, which represents approximately a third of the consumer price index, is represented by the owner's equivalent rent (OER). OER is the amount of rent that would need to be paid in order to substitute a currently fully-owned property as a rental. OER is calculated in a survey-like manner, and typically is lagged by 6-months relative to what the market prevailing rents are. The survey data is collected from about 50,000 landlords or tenants. Real Estate marketplaces and data providers Zillow and Black Knight are beginning to see shelter inflation not only slow, but turn outright deflationary.

Second, Energy prices deflated throughout the third quarter but are still 20% higher than they were in the third quarter of 2021. Furthermore, the year-over-year inflation numbers will include months of double-digit growth for at least the next 9 months. When we overlay this reality with the geopolitical situation in Ukraine, energy crises in Europe, and an energy cartel that is unwilling to increase supply, we are left with a situation where a flattening inflation rate is the best that can be hoped for.

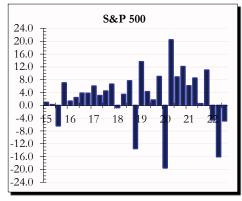
The third major piece is food. Food and beverages make up approximately 15% of the overall inflation figure. All six of the major grocery store food group indexes increased. Additionally, food at employee sites and schools increased by 45% in September alone, as the free school lunch programs that were put in place during COVID expired. The reflexivity of food pricing, higher energy price throughput, suggests that it will take time for the inflation rate of food to decrease.

These three components make up approximately 65% of the overall index. While the data set already shows months of double-digit increases, it seems unlikely that the overall inflation number will turn lower. Therefore, higher inflation, at least in the headline number is likely to persist.

#### **DOMESTIC EQUITIES**

### **Stumbling Rotation**

U.S. equities, as measured by the Russell 3000, lost 4.5% in the third quarter. Using the S&P 500 as a proxy, large capitalization companies lost 4.9%. Despite continued losses almost completely



across the board, the magnitude was not near as grim as last quarter. While it was difficult to find reprieve, the Consumer Discretionary and Energy market sectors solely managed to deliver positive

returns. The demand of the U.S. consumer remained strong, and the outlook for energy prices has not eased as global political tensions remain high. Consumer Discretionary and Energy were up 4.4% and 2.4%, respectively.

Of the remaining sectors, Communication Services and Real Estate were the worst performers, both down double digits. Large telecom firms like Verizon, Comcast, and AT&T each lost about a quarter of their valuation, with the sector overall dropping by 12.7%. The Real Estate (down 11.0%) outlook remains gloomy as interest rates steepen and buyers drop out of the prospective pool. Energy remains as the only sector to deliver positive returns year to date (+34.9%).

The market preference towards Value companies from the last few quarters did not hold as well in Q3, as Growth stocks delivered relative outperformance.

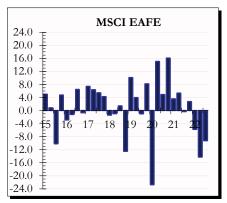
Markets favored smaller capitalization stocks; the larger you were this quarter, the harder you fell. Using Russell indices as a proxy: small-capitalization stocks lost 2.2%, mid-capitalization stocks lost 3.4%, and large-capitalization stocks lost 4.9%.

### **INTERNATIONAL EQUITIES**

#### **Continued Downturn**

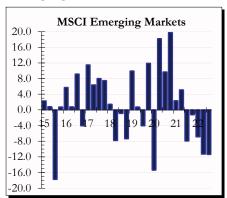
International markets continued their fall in the third quarter. The MSCI All Country World ex. US index, which broadly tracks the global markets excluding the United States, lost 9.8%. Growth indices outpaced Value in the quarter, but both sustained losses.

In developed markets, the MSCI EAFE lost 9.3%. All 21 of the constituent countries in the index had negative returns for the second quarter in a row. The typical concerns regarding geopolitics, potential energy shortages, and runaway



inflation all remained. The lowlights include posturing towards nuclear weaponry, pipeline explosions, and 10% eurozone inflation. Germany was among the biggest decliners again, falling 12.6%. This brings the German equities year-to-date loss to nearly 40%. Developed Pacific equities have continued to act as a bulwark against broader losses. The EAFE Pacific index outperformed the broader index by 1.4% in the quarter.

Emerging markets lost 11.4% this quarter. The Latin American



markets of Colombia, Peru, and Brazil, among the worst performers in Q2, were a lone bright spot, returning +3.7%. Brazil in particular was up 8.7%, as growth and inflation improved. Highly growthsensitive Asian markets, such

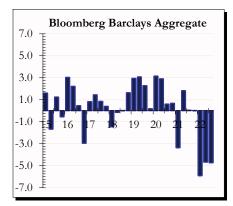
as South Korea and Taiwan, suffered, as the outlook for global trade deteriorated further. Emerging European countries suffered for the same reason as their developed peers — Russian escalation, energy insecurity, and accelerating inflation.

#### **BOND MARKET**

### **Unsafe Safety**

Fixed income markets continued to fall in the third quarter. The Federal Reserve further hiked interest rates, which they will keep doing until they are satisfied with inflation numbers. Out of the 76 bond indices we track, only one saw positive returns, Short Term Floating Rate Notes.

The Bloomberg U.S. Aggregate Index, an index that tracks the broad investable US fixed income market, lost 4.8%. This



continues the historically poor performance for the asset class, and now brings down the year-to-date return below -14.6%.

Global bonds, using the Bloomberg Global Aggregate as a proxy, performed worse

than their U.S. counterparts, losing 8.9% this quarter.

Shorter term bonds performed better than their longer-term counterparts once again. The 1-3 Gov Credit only lost 1.5%, while Long Gov/Credit lost 9.0%.

### **CASH EQUIVALENTS**

### **Slightly Higher**

The three-month T-Bill returned 0.10% for the third quarter. This is the 59th quarter in a row that return has been less than 75 basis points.

Nominal return expectations for cash have moved up relative to the last few years. 3-month treasury notes are now yielding 3.45%.

### **Economic Statistics**

	Current Quarter	Previous Quarter
GDP (Annualized)	2.6%	-0.6%
Unemployment	<b>3.5</b> %	3.6%
CPI All Items Year/Year	8.2%	9.1%
Fed Funds Rate	3.1%	1.6%
<b>Industrial Capacity</b>	80.0%	80.8%
U.S. Dollars per Euro	0.98	1.05

### **Domestic Equity Return Distributions**

### Quarter

Quant.			
	VAL	COR	GRO
LC	-5.6	-4.6	-3.6
MC	-4.9	-3.4	<b>-0.</b> 7
SC	-4.6	-2.2	0.2

**Trailing Year** 

	VAL	COR	GRO
LC	-11.4	-17.2	-22.6
MC	-13.6	-19.4	-29.5
SC	-17.7	-23.5	-29.3

### **Major Index Returns**

Index	Quarter	12 Months
Russell 3000	-4.5%	-17.6%
S&P 500	-4.9%	-15.5%
Russell Midcap	-3.4%	-19.4%
Russell 2000	-2,2%	-23.5%
MSCI EAFE	-9.3%	-24.7%
MSCI Emg. Markets	-11.4%	-27.8%
NCREIF ODCE	0.5%	22.1%
U.S. Aggregate	-4.8%	-14.6%
90 Day T-bills	0.1%	-0.2%

### **Market Summary**

- Equity markets continue fall
- Growth outpaces value
- Dollar strengthens
- Fixed income yields rise
- Unemployment remains low

#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System was valued at \$359,645,951, a decrease of \$16,341,392 from the June ending value of \$375,987,343. Last quarter, the account recorded total net withdrawals of \$2,530,176 in addition to \$13,811,216 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$1,152,371 and realized and unrealized capital losses totaling \$14,963,587.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the third quarter, the Composite portfolio lost 3.7%, which was 1.1% greater than the Taunton Policy Index's return of -4.8% and ranked in the 24th percentile of the Public Fund universe. Over the trailing year, the portfolio returned -12.7%, which was 1.3% greater than the benchmark's -14.0% performance, and ranked in the 35th percentile. Since September 2012, the account returned 7.6% per annum and ranked in the 15th percentile. For comparison, the Taunton Policy Index returned an annualized 7.6% over the same time frame.

#### **Domestic Equity**

The domestic equity segment lost 3.9% last quarter, 0.9% above the S&P 1500 Index's return of -4.8% and ranked in the 43rd percentile of the Domestic Equity universe. Over the trailing twelve months, the domestic equity portfolio returned -19.1%, 3.6% less than the benchmark's -15.5% performance, and ranked in the 61st percentile. Since September 2012, this component returned 10.8% on an annualized basis and ranked in the 51st percentile. For comparison, the S&P 1500 returned an annualized 11.1% during the same period.

#### **Large Cap Equity**

The large cap equity segment lost 4.9% in the third quarter, equal to the S&P 500's return of -4.9% and ranked in the 55th percentile of the Large Cap universe. Over the trailing twelve months, this segment returned -18.2%; that return was 2.7% less than the benchmark's -15.5% performance, ranking in the 66th percentile. Since September 2012, this component returned 11.9% per annum and ranked in the 35th percentile. The S&P 500 returned an annualized 11.7% over the same time frame.

#### **Mid Cap Equity**

The mid cap equity portfolio returned -2.8% in the third quarter, 0.3% less than the S&P 400 Index's return of -2.5% and ranked in the 43rd percentile of the Mid Cap universe. Over the trailing twelve-month period, the mid cap equity portfolio returned -18.4%; that return was 3.2% less than the benchmark's -15.2% return, and ranked in the 56th percentile. Since September 2012, this component returned 10.2% per annum and ranked in the 69th percentile. The S&P 400 returned an annualized 10.0% over the same time frame.

### **Small Cap Equity**

For the third quarter, the small cap equity segment returned -2.9%, which was 2.3% greater than the S&P 600 Small Cap's return of -5.2% and ranked in the 47th percentile of the Small Cap universe. Over the trailing twelve-month period, this segment's return was -23.6%, which was 4.8% below the benchmark's -18.8% return, ranking in the 69th percentile. Since September 2012, this component returned 8.5% annualized and ranked in the 87th percentile. The S&P 600 Small Cap returned an annualized 10.1% during the same period.

#### **International Equity**

The international equity segment returned -9.1% during the third quarter; that return was 0.7% above the MSCI All Country World Ex US Index's return of -9.8% and ranked in the 43rd percentile of the International Equity universe. Over the trailing twelve months, the international equity portfolio returned -24.4%, 0.4% greater than the benchmark's -24.8% performance, ranking in the 34th percentile. Since September 2012, this component returned 3.5% annualized and ranked in the 85th percentile. The MSCI All Country World ex US returned an annualized 3.5% during the same time frame.

#### **Developed Markets Equity**

During the third quarter, the developed markets equity segment returned -8.1%, which was 1.2% greater than the MSCI EAFE Index's return of -9.3% and ranked in the 26th percentile of the International Equity universe. Over the trailing year, this segment's return was -22.3%, which was 2.4% above the benchmark's -24.7% return, and ranked in the 24th percentile. Since September 2012, this component returned 4.3% annualized and ranked in the 69th percentile. The MSCI EAFE Index returned an annualized 4.2% over the same period.

### **Emerging Markets Equity**

Last quarter, the emerging markets equity component lost 12.2%, which was 0.8% less than the MSCI Emerging Market Index's return of -11.4% and ranked in the 76th percentile of the Emerging Markets universe. Over the trailing twelve-month period, this segment's return was -30.5%, which was 2.7% less than the benchmark's -27.8% performance, and ranked in the 66th percentile.

#### **Alternate Assets**

In the third quarter, the alternative assets segment returned -4.8%, which was 11.9% above the Russell 3000 (Lagged)'s return of -16.7%. Over the trailing twelve-month period, this component returned 15.5%, which was 29.4% greater than the benchmark's -13.9% performance. Since September 2012, this component returned 11.4% on an annualized basis, while the Russell 3000 (Lagged) returned an annualized 12.6% over the same time frame.

#### Real Assets

During the third quarter, the real assets component returned 0.5%, which was 1.0% above the Real Asset Index's return of -0.5%. Over the trailing year, this component returned 17.9%, which was 4.2% greater than the benchmark's 13.7% performance. Since September 2012, this component returned 10.4% annualized, while the Real Asset Index returned an annualized 9.7% over the same period.

#### Fixed Income

In the third quarter, the fixed income segment returned -4.0%, which was 2.9% above the Bloomberg Global Aggregate Index's return of -6.9% and ranked in the 66th percentile of the Broad Market Fixed Income universe. Over the trailing twelve-month period, this segment's return was -14.1%, which was 6.3% greater than the benchmark's -20.4% performance, and ranked in the 70th percentile. Since September 2012, this component returned 1.3% per annum and ranked in the 72nd percentile. The Bloomberg Global Aggregate Index returned an annualized -0.9% over the same time frame.

### **EXECUTIVE SUMMARY**

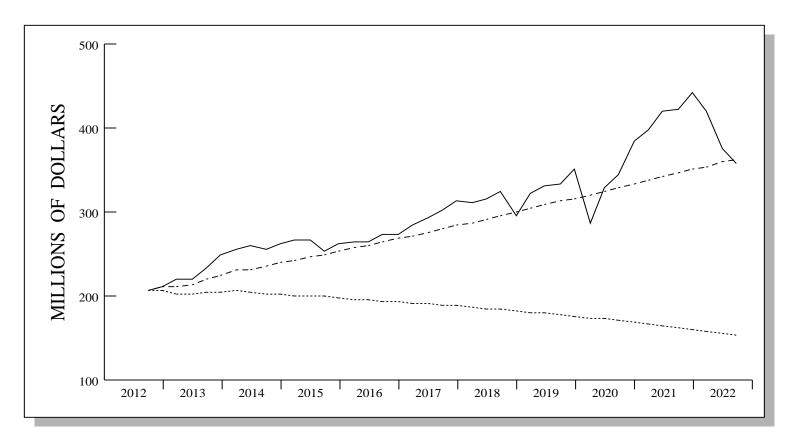
	Quarter	YTD	1 Year	3 Year	5 Year	10 Year
Total Portfolio - Gross	-3.7	-17.6	-12.7	4.9	5.7	7.6
PUBLIC FUND RANK	(24)	(49)	(35)	(26)	(22)	(15)
<b>Fotal Portfolio - Net</b> Policy Index Shadow Index PRIT Fund	-3.8	-17.9	-13.3	4.4	5.1	7.0
	-4.8	-18.8	-14.0	4.4	5.4	7.6
	-4.9	-18.2	-13.3	4.3	4.9	7.3
	-4.6	-14.4	-9.7	6.7	6.7	8.2
Domestic Equity - Gross  DOMESTIC EQUITY RANK S&P 1500 Taunton Dome Index	-3.9	-25.1	-19.1	6.6	7.7	10.8
	(43)	(61)	(61)	(52)	(46)	(51)
	-4.8	-23.7	-15.5	6.3	7.9	11.1
	-4.3	-23.0	-16.2	6.2	6.8	10.7
Large Cap Equity - Gross	-4.9	-25.0	-18.2	7.8	10.1	11.9
LARGE CAP RANK	(55)	(61)	(66)	(42)	(25)	(35)
S&P 500	-4.9	-23.9	-15.5	8.2	9.2	11.7
Mid Cap Equity - Gross	-2.8	-23.4	-18.4	5.7	6.8	10.2
MID CAP RANK	(43)	(47)	(56)	(57)	(55)	(69)
S&P 400	-2.5	-21.5	-15.2	6.0	5.8	10.0
Small Cap Equity - Gross	-2.9	-28.2	-23.6	5.6	4.3	8.5
SMALL CAP RANK	(47)	(71)	(69)	(62)	(68)	(87)
S&P 600	-5.2	-23.2	-18.8	5.5	4.8	10.1
International Equity - Gross	-9.1	-25.8	-24.4	-0.6	-0.2	3.5
INTERNATIONAL EQUITY RANK	(43)	(33)	(34)	(50)	(53)	(85)
ACWI ex US	-9.8	-26.2	-24.8	-1.1	-0.3	3.5
Developed Markets Equity - Gross	-8.1	-24.7	-22.3	0.1	0.5	4.3
INTERNATIONAL EQUITY RANK	(26)	(28)	(24)	(41)	(41)	(69)
MSCI EAFE	-9.3	-26.8	-24.7	-1.4	-0.4	4.2
Emerging Markets Equity - Gross	-12.2	-29.1	-30.5	-2.8	-3.0	1.4
EMERGING MARKETS RANK	(76)	(62)	(66)	(81)	(94)	
MSCI Emg Mkts	-11.4	-26.9	-27.8	-1.7	-1.4	
Alternative Assets - Gross	-4.8	1.8	15.5	17.5	12.3	11.4
Russell 3000 (Lag)	-16.7	-13.8	-13.9	9.8	10.6	12.6
Real Assets - Gross	0.5	7.6	17.9	10.1	9.5	10.4
Real Asset Index	-0.5	5.3	13.7	9.2	8.4	9.7
Fixed Income - Gross  BROAD MARKET FIXED RANK Global Aggregate Aggregate Index	-4.0	-14.1	-14.1	-2.3	0.1	1.3
	(66)	(67)	(70)	(72)	(84)	(72)
	-6.9	-19.9	-20.4	-5.7	-2.3	-0.9
	-4.8	-14.6	-14.6	-3.3	-0.3	0.9

ASSET ALLOCATION							
Large Cap Equity	25.9%	\$ 93,241,711					
Mid Cap Equity	10.3%	36,889,470					
Small Cap	9.1%	32,580,151					
Int'l Developed	9.5%	34,066,692					
<b>Emerging Markets</b>	2.8%	9,993,462					
Alternative	2.0%	7,030,067					
Real Assets	20.1%	72,417,185					
Fixed Income	13.9%	50,141,798					
Cash	6.5%	23,285,415					
Total Portfolio	100.0%	\$ 359,645,951					

## INVESTMENT RETURN

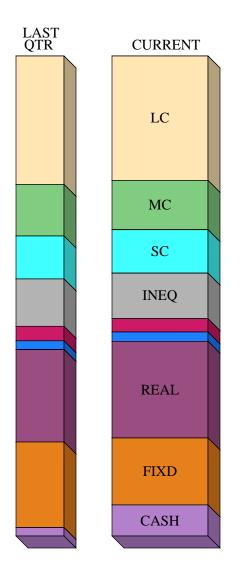
Market Value 6/2022	\$ 375,987,343
Contribs / Withdrawals	- 2,530,176
Income	1,152,371
Capital Gains / Losses	- 14,963,587
Market Value 9/2022	\$ 359,645,951

### **INVESTMENT GROWTH**



VALUE ASSUMING 7.75% RETURN \$ 364,384,596

	LAST QUARTER	PERIOD 9/12 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 375,987,343 - 2,530,176 - 13,811,216 \$ 359,645,951	\$ 207,785,062 - 53,527,389 205,388,278 \$ 359,645,951
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	1,152,371 -14,963,587 -13,811,216	35,258,997 170,129,281 205,388,278



	<u>VALUE</u>	PERCENT	TARGET	MIN	MAX
LARGE CAP EQUITY	\$ 93, 241, 711	25.9%	22.5%	15.0%	35.0%
MID CAP EQUITY	36, 889, 470	10.3%	10.0%	10.0%	15.0%
SMALL CAP EQUITY	32, 580, 151	9.1%	10.0%	10.0%	15.0%
☐ DEVELOPED MARKETS EQUITY	34, 066, 692	9.5%	13.5%	10.0%	15.0%
EMERGING MARKETS EQUITY	9, 993, 462	2.8%	4.0%	0.0%	6.0%
ALTERNATIVE ASSETS	7, 030, 067	2.0%	5.0%		
REAL ASSETS	72, 417, 185	20.1%	15.0%	10.0%	20.0%
FIXED INCOME	50, 141, 798	13.9%	20.0%	15.0%	30.0%
CASH & EQUIVALENT	23, 285, 415	6.5%	0.0%		
TOTAL FUND	\$ 359, 645, 951	100.0%			

### MANAGER ALLOCATION SUMMARY

Portfolio	Market Value	Percent	Target	Difference (%)	Difference (\$)
State Street Global Advisors (LC)	\$44,889,804	12.5	10.5	2.0	\$7,126,979
Polen Capital Management (LCG)	\$22,513,092	6.3	6.0	0.3	\$934,335
Barksdale Investment Management (LCV)	\$29,714,764	8.3	6.0	2.3	\$8,136,007
State Street Global Advisors (MC)	\$7,945,730	2.2	3.0	-0.8	<\$2,843,649>
Frontier (MCG)	\$14,304,069	4.0	3.5	0.5	\$1,716,461
Allspring Global Investments (MCV)	\$14,639,671	4.1	3.5	0.6	\$2,052,063
State Street Global Advisors (SC)	\$11,607,766	3.2	5.0	-1.8	<\$6,374,532>
Aberdeen Standard Investments (SCC)	\$20,972,385	5.8	5.0	0.8	\$2,990,087
State Street Global Advisors (INEQ)	\$6,488,314	1.8	5.5	-3.7	<\$13,292,213>
Vontobel (INEG)	\$13,173,881	3.7	4.0	-0.3	<\$1,211,957>
Boston Partners (INEV)	\$14,404,497	4.0	4.0	0.0	\$18,659
GAM USA Inc. (EMKT)	\$5,165,370	1.4	2.0	-0.6	<\$2,027,549>
State Street Global Advisors (EMKT)	\$4,828,092	1.3	2.0	-0.7	<\$2,364,827>
PRIT Private Equity (PREQ)	\$6,784,415	1.9	5.0	-3.1	<\$11,197,883>
BlackRock (PREQ)	\$245,652	0.1	0.0	0.1	\$245,652
Rhumbline Advisers (REIT)	\$8,543,752	2.4	2.0	0.4	\$1,350,833
Intercontinental (REAL)	\$23,794,274	6.6	4.5	2.1	\$7,610,206
TA Realty (REAL)	\$25,665,127	7.1	4.5	2.6	\$9,481,059
Domain Timber Advisors (TIMB)	\$1,980,531	0.6	1.0	-0.4	<\$1,615,929>
Molpus Woodlands Group (TIMB)	\$1,997,094	0.6	1.0	-0.4	<\$1,599,366>
Ceres Partners (FARM)	\$10,436,407	2.9	2.0	0.9	\$3,243,488
Barksdale Investment Management (FIXD)	\$21,544,803	6.0	4.5	1.5	\$5,360,735
C.S. McKee (FIXD)	\$219,594	0.1	4.5	-4.4	<\$15,964,474>
Manulife (FIXD)	\$16,201,591	4.5	6.0	-1.5	<\$5,377,166>
State Street Global Advisors (FIXD)	\$5,494,490	1.5	2.0	-0.5	<\$1,698,429>
PIMCO (INFI)	\$8,343,256	2.3	3.0	-0.7	<\$2,446,123>
Non Managed Cash (CASH)	\$17,747,530	4.9	0.0	4.9	\$17,747,530

### MANAGER PERFORMANCE SUMMARY - GROSS OF FEES

							Inception	
Portfolio	(Universe)	Quarter	YTD	1 Year	3 Years	5 Years	or 10 Years	
Composite	(Public Fund)	-3.7 (24)	-17.6 (49)	-12.7 (35)	4.9 (26)	5.7 (22)		9/12
olicy Index Comestic Equity &P 1500	(Domestic Eq)	-4.8 -3.9 (43) -4.8	-18.8 -25.1 (61) -23.7	-14.0 -19.1 (61) -15.5	4.4 6.6 (52) 6.3	5.4 7.7 (46) 7.9	10.8 (51) 09.	0/12 0/12 0/12
SgA &P 500	(Large Cap)	-4.9 (53) -4.9	-23.9 (52) -23.9	-15.5 (52) -15.5	8.1 (37) 8.2	9.2 (38) 9.2	11.7 (41) 09	9/12 9/12 9/12
olen Capital ussell 1000G	(LC Growth)	-5.1 (74) -3.6	-37.1 (89) -30.7	-33.8 (88) -22.6	5.2 (81) 10.7	10.9 (40)	12.6 (2) 12	2/13 2/13
arksdale ussell 1000V	(LC Value)	-4.2 (20) -5.6	-13.1 (22) -17.8	-4.8 (12) -11.4	6.8 (40) 4.4	8.2 (22) 5.3	8.6 (11) 03	3/17 3/17
SGA Midcap & <i>P</i> 400	(Mid Cap)	-2.5 (38) -2.5	-21.5 (41) -21.5	-15.3 (47) -15.2	6.1 (50) 6.0	5.8 (76) 5.8	5.8 (76) 09/	9/17 9/17
rontier cuss Mid Gro	(MC Growth)	-1.0 (40) -0.7	-31.8 (44) -31.5	-30.1 (55) -29.5	4.1 (64) 4.3	6.6 (91) 7.6	9.2 (65) 06	5/16 5/16
allspring Cuss Mid Val	(MC Value)	-4.8 (52) -4.9	-16.0 (40) -20.4	-7.6 (26) -13.6	6.6 (49) 4.5	7.2 (23) 4.7	9.2 (12) 06	5/16 5/16
SGA Russell 2000	(Small Cap)	-2.1 (33) -2.2	-25.0 (55) -25.1	-23.4 (66) -23.5	4.4 (76) 4.3	3.6 (79) 3.5	3.6 (79) 09/	9/17 9/17
Aberdeen Russell 2000	(Small Cap)	-3.3 (54) -2.2	-29.9 (78) -25.1	-23.8 (70) -23.5	8.4 (26) 4.3	6.7 (39) <b>3.5</b>	7.6 (30) 06	5/17 5/17
nt'l Equity CWI ex US	(Intl Eq)	-9.1 (43) -9.8	-25.8 (33) -26.2	-24.4 (34) -24.8	-0.6 (50) -1.1	-0.2 (53) -0.3	3.5 (85) 09	9/12 9/12
SGA EAFE ASCI EAFE Net	(Intl Eq)	-9.3 (49) -9.4	-26.8 (38) -27.1	-24.8 (39) -25.1	-1.5 (68) -1.8	-0.5 (59) -0.8	-0.5 (59) 09	9/17 9/17
ontobel CAFE Growth Net	(Intl Eq Gro)	-5.6 (1) -8.5	-28.5 (21) -33.0	-25.6 (20) -30.3	0.5 (38) -1.5	2.5 (31) 0.7	4.9 (38) 12	2/12 2/12
oston Partners  AFE Value Net	(Intl Eq Val)	-9.8 (33) -10.2	-19.8 (13) -21.1	-17.8 (11) -20.2	-2.8	 -2.7	5.3 (15) 06	5/20
GAM ASCI EM Net	(Emerging Mkt)	-12.6 (83) -11.6	-30.9 (74) -27.2	-32.7 (82) -28.1	-3.5 (88) -2.1	 -1.8	-2.9 (78) 06	5/18 5/18
SSGA EMGM Mkts ASCI EM Net	(Emerging Mkt)	-11.7 (71) -11.6	-27.1 (47) -27.2	-28.0 (53) -28.1	-2.1 (74) -2.1	 -1.8	-3.4 (61) 12	2/17
RIT PE Cambridge PE		-3.5 0.0	4.0 -5.3	22.5 -0.3	28.2 19.6	16.8	26.8 06	5/19 5/19
BlackRock Bussell 3000 (Lag)		-31.0 -16.7	-33.0 -13.8	-35.9 -13.9	-9.6 <b>9.8</b>	-2.5 10.6	3.7 09	9/12 9/12
teal Assets Real Asset Index		0.5 -0.5	7.6 5.3	17.9 13.7	10.1	9.5 8.4	10.4 09	9/12 9/12
Rhumbline REIT		-0.3 -10.8 -10.8	-27.9 -27.9	-16.3 -16.3	9.2  -1.1	6.4  4.1	9.6 03	3/20 3/20
ntercon US REIF		1.6 0.5	15.3 13.1	26.5 22.1	14.6 12.4	12.7 10.2	12.8 06	5/14 5/14
A Realty VCREIF ODCE		1.5 0.5	15.8 13.1	25.7 25.7	12.4	10.2	20.0 03	3/20 3/20
Oomain ICREIF Timber		1.0 2.4	4.5 7.6	13.8 12.6	9.1 5.8	7.3 4.7	5.7 09	9/12 9/12
Molpus Fund III WCREIF Timber		1.6 2.4	2.7 7.6	9.4 12.6	5.8 5.8	5.3 4.7	6.2 09	9/12 9/12 9/12
Ceres Farms UCREIF Farmland		5.4 2.0	17.7 6.2	24.0 10.2	14.8 6.5	11.6 6.3	9.8 09	9/13 9/13
ixed Income  Hobal Aggregate	(Broad Fixed)	-4.0 (66) -6.9	-14.1 (67) -19.9	-14.1 (70) -20.4	-2.3 (72) -5.7	0.3 0.1 (84) -2.3	1.3 (72) 09	9/12 9/12 9/12
arksdale ggregate Index	(Core Fixed)	-4.6 (56) -4.8	-19.9 -13.8 (26) -14.6	-20.4 -13.9 (26) -14.6	-3.7 -3.0 (70) -3.3	0.0 (81)	0.7 (40) 03	3/15 3/15
anulife ggregate Index	(Core Fixed)	-4.8 -4.1 (15) -4.8	-14.0 -15.9 (95) -14.6	-14.6 -15.8 (93) -14.6	-3.3 -2.4 (29) -3.3	0.5 (23) -0.3	1.4 (9) 03	3/15 3/15
SGA U.S. Agg. Bond	(Core Fixed)	-4.8 -4.7 (67) -4.8	-14.6 -14.6 (68) -14.6	-14.6 -14.6 (67) -14.6	-3.3 -3.2 (92) -3.3	-0.3 -0.2 (94) -0.3	-0.2 (94) 09	9/13 9/17 9/17
ggregate Index IMCO Int'l lobal Agg Ex US Hedged	(Intl Fx)	-2.2 (23) -2.2	-14.0 -10.2 (16) -9.9	-14.0 -10.4 (13) -9.9	-3.0	-0.3  0.7		3/21

### MANAGER VALUE ADDED

Portfolio	Benchmark	1 Quarter	1 Year	3 Years	5 Years
SSgA	S&P 500	0.0	0.0	-0.1	0.0
Polen Capital	Russell 1000G	-1.5	-11.2	-5.5	-1.3
Barksdale	Russell 1000V	1.4	6.6	2.4	2.9
SSGA Midcap	S&P 400	0.0	-0.1	0.1	0.0
Frontier	Russ Mid Gro	-0.3	-0.6	-0.2	-1.0
Allspring	Russ Mid Val	0.1	6.0	2.1	2.5
SSGA Russell 2000	Russell 2000	0.1	0.1	0.1	0.1
Aberdeen	Russell 2000	-1.1	-0.3	4.1	3.2
SSGA EAFE	MSCI EAFE Net	0.1	0.3	0.3	0.3
Vontobel	EAFE Growth Net	2.9	4.7	2.0	1.8
Boston Partners	EAFE Value Net	0.4	2.4	N/A	N/A
GAM	MSCI EM Net	-1.0	-4.6	-1.4	N/A
SSGA EMGM Mkts	MSCI EM Net	-0.1	0.1	0.0	N/A
PRIT PE	Cambridge PE	-3.5	22.8	8.6	N/A
BlackRock	Russell 3000 (Lag)	-14.3	-22.0	-19.4	-13.1
Rhumbline REIT	NAREIT	0.0	0.0	N/A	N/A
Intercon US REIF	NCREIF ODCE	1.1	4.4	2.2	2.5
TA Realty	NCREIF ODCE	1.0	3.6	N/A	N/A
Domain	NCREIF Timber	-1.4	1.2	3.3	2.6
Molpus Fund III	NCREIF Timber	-0.8	-3.2	1.9	0.6
Ceres Farms	NCREIF Farmland	3.4	13.8	8.3	5.3
Barksdale	Aggregate Index	0.2	0.7 [	0.3	0.3
Manulife	Aggregate Index	0.7	<b>-1.2</b>	0.9	0.8
SSGA U.S. Agg. Bond	Aggregate Index	0.1	0.0	0.1	0.1
PIMCO Int'l	Global Agg Ex US Hedged	0.0	-0.5	N/A	N/A

## INVESTMENT RETURN SUMMARY - ONE QUARTER

Name	Quarter	Market Value	Net Coalefform	Net	Market Value
	Total Return	Prior Quarter	Cashflow	Investment Return	Current Quarter
SSgA (LC)	-4.9	47,198,270	<3,750>	<2,304,716>	44,889,804
Polen Capital (LCG)	-5.1	23,760,519	<29,944>	<1,217,483>	22,513,092
Barksdale (LCV)	-4.2	31,048,569	<19,471>	<1,314,334>	29,714,764
SSGA Midcap (MC)	-2.5	8,147,351	<1,088>	<200,533>	7,945,730
Frontier (MCG)	-1.0	14,469,338	0	<165,269>	14,304,069
Allspring (MCV)	-4.8	17,839,433	<2,500,000>	<699,762>	14,639,671
SSGA Russell 2000 (SC)	-2.1	11,860,100	<1,570>	<250,764>	11,607,766
Aberdeen (SCC)	-3.3	21,719,576	<28,810>	<718,381>	20,972,385
SSGA EAFE (INEQ)	-9.3	7,156,935	<1,143>	<667,478>	6,488,314
Vontobel (INEG)	-5.6	13,978,387	<27,779>	<776,727>	13,173,881
Boston Partners (INEV)	-9.8	16,001,164	0	<1,596,667>	14,404,497
GAM (EMKT)	-12.6	5,919,480	0	<754,110>	5,165,370
SSGA EMGM Mkts (EMKT	·) -11.7	5,467,910	<1,772>	<638,046>	4,828,092
PRIT PE (PREQ)	-3.5	6,447,557	567,700	<230,842>	6,784,415
BlackRock (PREQ)	-31.0	356,194	0	<110,542>	245,652
Rhumbline REIT (REIT)	-10.8	9,575,937	0	<1,032,185>	8,543,752
Intercon US REIF (REAL)	1.6	23,455,561	<36,220>	374,933	23,794,274
TA Realty (REAL)	1.5	25,315,126	<44,301>	394,302	25,665,127
Domain (TIMB)	1.0	2,061,438	<100,000>	19,093	1,980,531
Molpus Fund III (TIMB)	1.6	2,014,997	<44,661>	26,758	1,997,094
Ceres Farms (FARM)	5.4	10.021,795	<130.069>	544,681	10,436,407
Barksdale (FIXD)	-4.6	18,542,418	3,990,792	<988,407>	21,544,803
CS McKee (FIXD)		17,543,838	<16,985,705>	<338,539>	219,594
Manulife (FIXD)	-4.1	16,914,841	<12,892>	<700,358>	16,201,591
SSGA U.S. Agg. Bond (FIX		5,768,192	<582>	<273,120>	5,494,490
PIMCO Int'l (INFI)	-2.2	8,547,977	0	<204,721>	8,343,256
Cash (CASH)		4,854,440	12,881,089	12,001	17,747,530
Total Portfolio	-3.7	375,987,343	<2,530,176>	<13,811,216>	359,645,951

13

### MANAGER RISK STATISTICS SUMMARY - THREE YEAR HISTORY

			Batting	Sharpe	Information	Up	Down
Manager	Benchmark	Alpha	Average	Ratio	Ratio	Capture	Capture
Composite	Policy Index	0.29	.750	0.36	0.31	109.7	106.3
Domestic Equity	S&P 1500	-0.09	.417	0.39	0.19	111.7	108.9
SSgA	S&P 500	-0.03	1.000	0.47	-1.27	99.9	100.0
Polen Capital	Russell 1000G	-5.45	.333	0.33	-1.14	90.0	111.8
Barksdale	Russell 1000V	2.51	.583	0.42	1.00	107.1	95.1
SSGA Midcap	S&P 400	0.04	.917	0.36	0.77	100.1	99.9
Frontier	Russ Mid Gro	-0.10	.500	0.29	-0.01	96.1	97.8
Allspring	Russ Mid Val	2.33	.500	0.40	0.65	102.3	94.0
SSGA Russell 2000	Russell 2000	0.10	1.000	0.30	1.88	100.2	99.9
Aberdeen	Russell 2000	4.53	.583	0.44	0.29	97.8	85.2
Int'l Equity	ACWI ex US	0.45	.500	0.09	0.29	99.2	97.5
SSGA EAFE	MSCI EAFE Net	0.35	.917	0.04	2.27	101.1	99.2
Vontobel	EAFE Growth Net	1.90	.583	0.13	0.53	102.9	93.9
GAM	MSCI EM Net	-0.69	.500	0.02	-0.14	112.0	111.5
SSGA EMGM Mkts	MSCI EM Net	-0.04	.667	0.04	-0.26	99.5	99.8
PRIT PE	Cambridge PE	16.39	.583	1.72	0.59	95.0	
PRIT VY 2019	Cambridge PE	19.85	.583	1.71	0.81	116.8	
BlackRock	Russell 3000 (Lag)	-16.73	.250	-0.24	-1.09	51.6	137.1
Real Assets	Real Asset Index	-3.94	.917	1.12	0.25	137.9	333.2
Intercon US REIF	NCREIF ODCE	3.04	.667	2.43	0.91	112.6	1.3
Domain	NCREIF Timber	4.68	.500	1.69	0.68	116.3	
Molpus Fund III	NCREIF Timber	2.79	.667	1.46	0.42	150.1	
Ceres Farms	NCREIF Farmland	6.45	1.000	4.33	3.56	219.3	
Fixed Income	Global Aggregate	2.17	.750	-0.35	1.22	117.2	70.9
Barksdale	Aggregate Index	0.17	.667	-0.51	0.28	101.7	96.7
Manulife	Aggregate Index	1.10	.750	-0.33	0.27	137.4	103.4
SSGA U.S. Agg. Bond	Aggregate Index	0.02	1.000	-0.54	0.30	100.5	99.9

### MANAGER RISK STATISTICS SUMMARY - FIVE YEAR HISTORY

			Batting	Sharpe	Information	Up	Down
Manager	Benchmark	Alpha	Average	Ratio	Ratio	Capture	Capture
Composite	Policy Index	-0.07	.650	0.40	0.20	105.9	105.2
Domestic Equity	S&P 1500	-0.71	.400	0.43	0.08	106.4	107.7
SSgA	S&P 500	-0.01	1.000	0.53	-0.63	100.0	100.0
Polen Capital	Russell 1000G	-0.98	.500	0.56	-0.25	98.8	104.7
Barksdale	Russell 1000V	3.06	.650	0.48	1.05	109.3	92.1
SSGA Midcap	S&P 400	0.03	.900	0.34	0.52	100.1	100.0
Frontier	Russ Mid Gro	-0.99	.450	0.36	-0.37	92.3	97.3
Allspring	Russ Mid Val	2.59	.600	0.40	0.79	105.3	93.3
SSGA Russell 2000	Russell 2000	0.08	.950	0.25	1.80	100.2	99.8
Aberdeen	Russell 2000	3.49	.600	0.37	0.27	99.1	86.4
Int'l Equity	ACWI ex US	0.12	.500	0.04	0.07	98.4	98.1
SSGA EAFE	MSCI EAFE Net	0.36	.950	0.03	2.53	101.4	98.9
Vontobel	EAFE Growth Net	1.82	.650	0.18	0.53	101.5	91.2
BlackRock	Russell 3000 (Lag)	-8.75	.300	-0.05	-0.78	45.3	106.8
Real Assets	Real Asset Index	-3.03	.950	1.22	0.34	131.7	333.2
Intercon US REIF	NCREIF ODCE	3.14	.800	2.47	1.27	119.7	1.3
Domain	NCREIF Timber	3.46	.500	1.38	0.62	125.9	
Molpus Fund III	NCREIF Timber	1.49	.600	1.00	0.16	125.1	
Ceres Farms	NCREIF Farmland	6.01	.800	3.16	1.77	177.6	
Fixed Income	Global Aggregate	1.85	.650	-0.12	0.88	103.5	66.3
Barksdale	Aggregate Index	0.23	.700	-0.15	0.26	104.6	98.8
Manulife	Aggregate Index	0.84	.800	-0.03	0.30	123.8	102.6
SSGA U.S. Agg. Bond	Aggregate Index	0.03	1.000	-0.19	0.41	100.5	99.9

### MANAGER RISK STATISTICS SUMMARY - TEN YEAR HISTORY

Manager	Benchmark	Alpha	Batting Average	Sharpe Ratio	Information Ratio	Up Capture	Down Capture
Composite	Policy Index	-0.45	.600	0.69	0.07	102.4	104.7
Domestic Equity	S&P 1500	-1.24	.400	0.70	0.01	103.2	108.2
SSgA	S&P 500	0.01	1.000	0.82	0.36	100.0	100.0
Int'l Equity	ACWI ex US	0.04	.425	0.27	-0.01	99.8	99.9
BlackRock	Russell 3000 (Lag)	-3.71	.325	0.29	-0.69	53.6	99.7
Real Assets	Real Asset Index	2.13	.725	1.83	0.21	107.8	111.9
Domain	NCREIF Timber	3.30	.450	1.31	-0.04	84.5	
Molpus Fund III	NCREIF Timber	3.24	.550	1.31	0.08	110.1	
Fixed Income	Global Aggregate	1.85	.625	0.17	0.71	86.8	50.5

## MANAGER FEE SUMMARY - ONE QUARTER

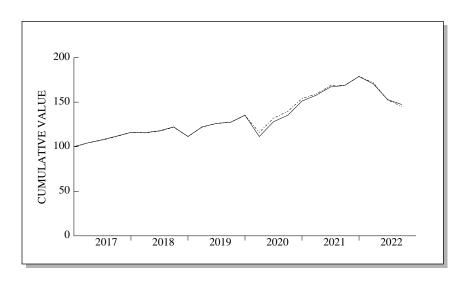
### ALL FEES ARE ESTIMATED / ACCRUED

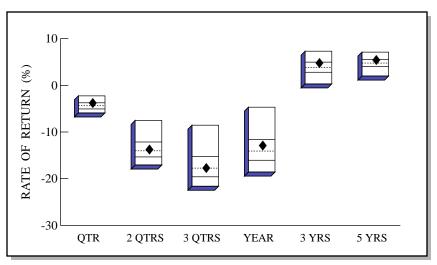
PORTFOLIO	MARKET VALUE	GROSS RETURN	FEE	FEE %	NET RETURN	ANNUAL FEE %
SSgA (LC)	\$44,889,804	-4.9	\$6,175	0.01	-4.9	0.05
Polen Capital (LCG)	\$22,513,092	-5.1	\$31,320	0.13	-5.3	0.53
Barksdale (LCV)	\$29,714,764	-4.2	\$19,988	0.06	-4.3	0.26
SSGA Midcap (MC)	\$7,945,730	-2.5	\$1,080	0.01	-2.5	0.05
Frontier (MCG)	\$14,304,069	-1.0	\$27,129	0.19	-1.1	0.75
Allspring (MCV)	\$14,639,671	-4.8	\$24,568	0.14	-4.9	0.55
SSGA Russell 2000 (SC)	\$11,607,766	-2.1	\$1,575	0.01	-2.1	0.05
Aberdeen (SCC)	\$20,972,385	-3.3	\$28,436	0.13	-3.4	0.52
SSGA EAFE (INEQ)	\$6,488,314	-9.3	\$909	0.01	-9.3	0.05
Vontobel (INEG)	\$13,173,881	-5.6	\$23,685	0.17	-5.7	0.68
Boston Partners (INEV)	\$14,404,497	-9.8	\$28,179	0.18	-10.0	0.71
GAM (EMKT)	\$5,165,370	-12.6	\$7,374	0.12	-12.7	0.50
SSGA EMGM Mkts (EMKT)	\$4,828,092	-11.7	\$683	0.01	-11.7	0.05
PRIT PE (PREQ)	\$6,784,415	-3.5	\$37,910	0.59	-4.0	2.37
BlackRock (PREQ)	\$245,652	-31.0	\$1,363	0.45	-31.5	1.82
Rhumbline REIT (REIT)	\$8,543,752	-10.8	\$2,232	0.02	-10.8	0.09
Intercon US REIF (REAL)	\$23,794,274	1.6	\$36,957	0.16	1.4	0.63
TA Realty (REAL)	\$25,665,127	1.5	\$44,301	0.18	1.4	0.70
Domain (TIMB)	\$1,980,531	1.0	\$0	0.00	1.0	0.00
Molpus Fund III (TIMB)	\$1,997,094	1.6	\$5,053	0.25	1.3	1.01
Ceres Farms (FARM)	\$10,436,407	5.4	\$130,069	1.30	4.1	5.29
Barksdale (FIXD)	\$21,544,803	-4.6	\$9,333	0.05	-4.7	0.20
CS McKee (FIXD)	\$219,594		\$0	0.00		0.00
Manulife (FIXD)	\$16,201,591	-4.1	\$12,829	0.08	-4.2	0.30
SSGA U.S. Agg. Bond (FIXD)	\$5,494,490	-4.7	\$725	0.01	-4.7	0.05
PIMCO Int'l (INFI)	\$8,343,256	-2.2	\$12,948	0.15	-2.4	0.61
Cash (CASH)	\$17,747,530		\$0	0.00		0.00
Total Portfolio	\$359,645,951	-3.7	\$494,821	0.13	-3.8	0.53

### MANAGER FEE SCHEDULES

Portfolio	Fee Schedule
rortiono	r ee Schedule
SSGA	5 bps per annum
Polen Capital	50 bps per annum
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
SSGA MSCI EAFE	5 bps per annum
Vontobel	65 bps per annum
Boston Partners	70 bps per annum
GAM	50 bps per annum
SSGA Emerging	5 bps per annum
PRIT PE	Ratio of expenses including indirect management fees: 2019: 0.14, 2020: N/A 2021: N/A Taken from 2019 & 2020 CAFR
Blackrock	100 bps on first 25mm, 80 bps on balance
Rhumbline REIT	9 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
TA Realty	70 bps per annum
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
Barskdale	20 bps on first \$20mm, negotiable on balance
Manulife	30 bps on first \$75mm, 25 bps on next \$75mm, 20 bps on balance
SSGA U.S. Aggregate	5 bps per annum
PIMCO Int'l Bond	60 bps per annum

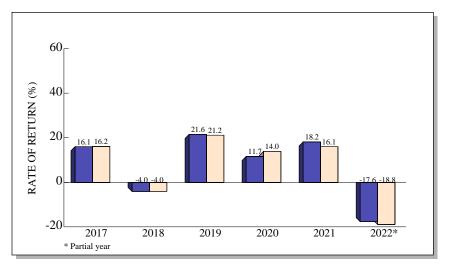
## TOTAL RETURN COMPARISONS





Public Fund Universe





					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-3.7	-13.6	-17.6	-12.7	4.9	5.7
(RANK)	(24)	(43)	(49)	(35)	(26)	(22)
5TH %ILE	-2.3	-7.5	-8.6	-4.7	7.3	7.1
25TH %ILE	-3.7	-12.1	-15.3	-11.6	5.0	5.6
MEDIAN	-4.4	-14.0	-17.8	-14.1	3.8	4.8
75TH %ILE	-5.1	-15.3	-19.6	-16.1	2.8	4.1
95TH %ILE	-5.9	-17.1	-21.6	-18.6	0.3	2.0
Policy Idx	-4.8	-15.5	-18.8	-14.0	4.4	5.4

Public Fund Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

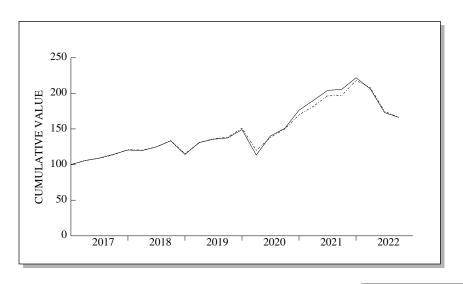
### COMPARATIVE BENCHMARK: TAUNTON POLICY INDEX

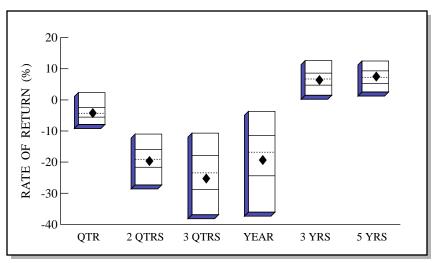


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	24
<b>Quarters Below the Benchmark</b>	16
Batting Average	.600

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
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 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19 9/19 12/19 3/20	2.0 6.2 0.3 5.3 6.0 2.0 3.0 -1.1 2.8 2.3 0.0 -4.3 3.7 1.4 0.9 3.7 0.9 4.5 3.3 3.7 -0.2 1.8 3.7 -0.2 1.8 3.7 -8.8 9.8 3.1 1.2 6.2 -17.8	1.8 5.8 0.8 4.7 5.8 2.4 3.9 -0.4 2.9 2.4 -0.3 -4.7 3.2 1.8 2.1 3.3 1.2 4.3 3.0 3.6 4.3 -0.6 1.7 3.8 -8.5 9.5 3.4 1.0 6.1 -14.1	0.2 0.4 -0.5 0.6 0.2 -0.4 -0.9 -0.7 -0.1 -0.1 0.3 0.4 0.5 -0.4 -1.2 0.4 -0.3 0.2 0.3 0.1 -0.6 0.4 0.1 -0.1 -0.1 -0.3 0.3 -0.1 -0.1 -0.3 -0.3 -0.1 -0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3			
6/20 9/20 12/20 3/21 6/21 9/21 12/21 3/22	15.0 5.6 11.9 4.3 5.9 1.1 5.9	13.8 5.7 10.4 3.3 5.9 0.2 5.9	1.2 -0.1 1.5 1.0 0.0 0.9 0.0			
6/22 9/22	-4.6 -10.3 -3.7	-4.0 -11.2 -4.8	-0.6 0.9 1.1			

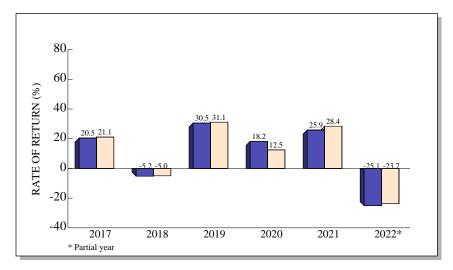
## DOMESTIC EQUITY RETURN COMPARISONS





Domestic Equity Universe



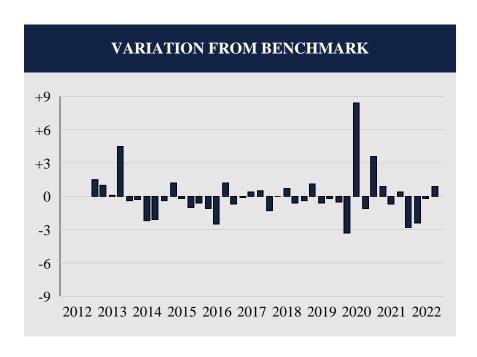


					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-3.9	-19.4	-25.1	-19.1	6.6	7.7
(RANK)	(43)	(53)	(61)	(61)	(52)	(46)
5TH %ILE	2.4	-11.0	-10.7	-3.7	12.6	12.5
25TH %ILE	-2.4	-16.0	-17.9	-11.4	8.6	9.3
MEDIAN	-4.3	-19.1	-23.5	-16.8	6.7	7.3
75TH %ILE	-5.6	-21.7	-28.9	-24.4	4.8	5.3
95TH %ILE	-7.9	-27.3	-36.9	-36.1	1.5	2.5
S&P 1500	-4.8	-20.0	-23.7	-15.5	6.3	7.9

Domestic Equity Universe

## DOMESTIC EQUITY QUARTERLY PERFORMANCE SUMMARY

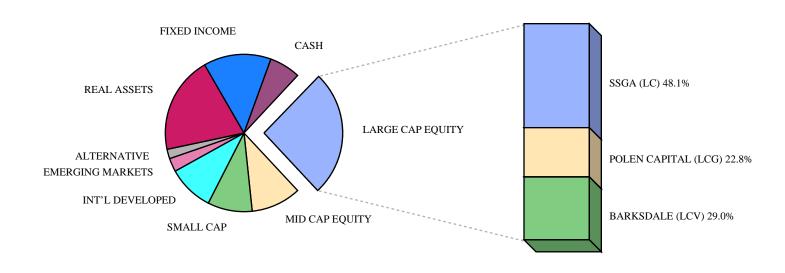
**COMPARATIVE BENCHMARK: S&P 1500** 



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

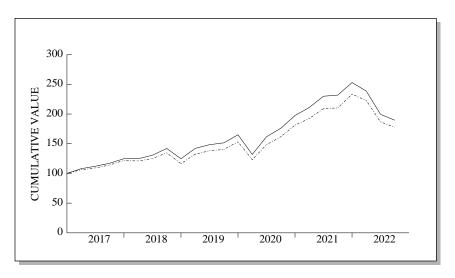
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19 9/19 12/19	1.5 11.9 2.9 10.1 9.9 1.6 2.8 -1.7 4.8 2.6 0.0 -7.7 6.0 0.5 0.1 5.2 3.6 5.6 3.4 4.9 5.2 -0.7 4.4 6.8 -14.4 14.7 3.6 1.3 8.6	0.0 10.9 2.8 5.6 10.3 1.9 5.0 0.4 5.2 1.4 0.2 -6.7 6.6 1.6 2.6 4.0 4.3 5.7 3.0 4.4 6.5 -0.7 3.7 7.4 -14.0 13.6 4.2 1.5 9.1	1.5 1.0 0.1 4.5 -0.4 -0.3 -2.2 -2.1 -0.4 1.2 -0.2 -1.0 -0.6 -1.1 -2.5 1.2 -0.7 -0.1 0.4 0.5 -1.3 0.0 0.7 -0.6 -0.4 1.1 -0.6 -0.4 1.1 -0.6 -0.2 -0.5			
3/20 6/20 9/20 12/20 3/21 6/21 9/21 12/21 3/22 6/22 9/22	-23.9 23.6 7.5 16.8 7.8 7.4 0.8 7.9 -7.0 -16.2 -3.9	-20.6 15.2 8.6 13.2 6.9 8.1 0.4 10.7 -4.6 -16.0	-3.3 8.4 -1.1 3.6 0.9 -0.7 0.4 -2.8 -2.4 -0.2 0.9			

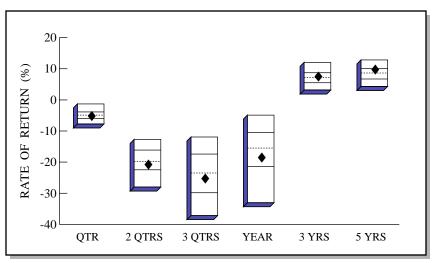
## LARGE CAP EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA	(Large Cap)	-4.9 (53)	-23.9 (52)	-15.5 (52)	8.1 (37)	9.2 (38)	\$44,889,804
S&P 500		-4.9	-23.9	-15.5	8.2	9.2	
POLEN CAPITAL	(Large Cap Growth)	-5.1 (74)	-37.1 (89)	-33.8 (88)	5.2 (81)	10.9 (40)	\$22,513,092
Russell 1000 Growth		-3.6	-30.7	-22.6	10.7	12.2	
BARKSDALE	(Large Cap Value)	-4.2 (20)	-13.1 (22)	-4.8 (12)	6.8 (40)	8.2 (22)	\$29,714,764
Russell 1000 Value		-5.6	-17.8	-11.4	4.4	5.3	

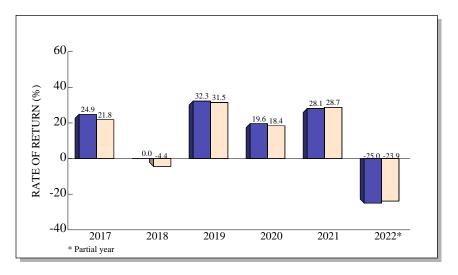
## LARGE CAP EQUITY RETURN COMPARISONS





Large Cap Universe



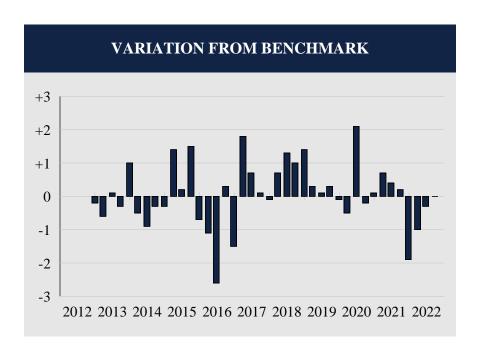


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-4.9	-20.5	-25.0	-18.2	7.8	10.1
(RANK)	(55)	(62)	(61)	(66)	(42)	(25)
5TH %ILE	-1.3	-12.7	-11.9	-4.9	12.1	12.8
25TH %ILE	-3.9	-16.2	-17.4	-10.5	8.7	10.1
MEDIAN	-4.9	-19.9	-23.5	-15.5	7.1	8.6
75TH %ILE	-6.0	-22.5	-29.8	-21.4	5.5	6.7
95TH %ILE	-7.7	-28.1	-37.2	-33.1	3.1	4.3
S&P 500	-4.9	-20.2	-23.9	-15.5	8.2	9.2

Large Cap Universe

## LARGE CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

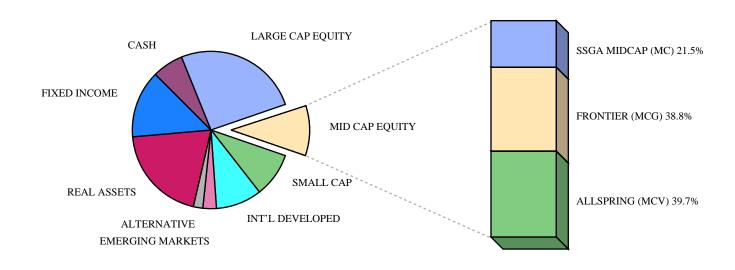
**COMPARATIVE BENCHMARK: S&P 500** 



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

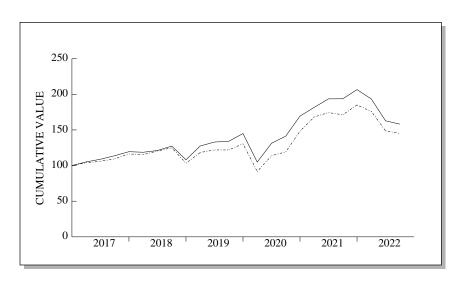
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/12	-0.6	-0.4	-0.2				
3/13	10.0	10.6	-0.6				
6/13 9/13	3.0 4.9	2.9 5.2	0.1 -0.3				
12/13	11.5	10.5	1.0				
3/14	1.3	1.8	-0.5				
6/14 9/14	4.3 0.8	5.2 1.1	-0.9 -0.3				
12/14	4.6	4.9	-0.3				
3/15	2.3	0.9	1.4				
6/15 9/15	0.5 -4.9	0.3 -6.4	0.2 1.5				
12/15	6.3	7.0	-0.7				
3/16	0.2	1.3	-1.1				
6/16 9/16	-0.1 4.2	2.5 3.9	-2.6 0.3				
12/16	2.3	3.8	-1.5				
3/17	7.9	6.1	1.8				
6/17 9/17	3.8 4.6	3.1 4.5	0.7 0.1				
12/17	6.5	6.6	-0.1				
3/18	-0.1	-0.8	0.7				
6/18 9/18	4.7 8.7	3.4 7.7	1.3 1.0				
12/18	-12.1	-13.5	1.4				
3/19	13.9	13.6	0.3				
6/19 9/19	4.4 2.0	4.3 1.7	0.1 0.3				
12/19	9.0	9.1	-0.1				
3/20	-20.1	-19.6	-0.5				
6/20 9/20	22.6 8.7	20.5 8.9	2.1 -0.2				
12/20	12.2	12.1	0.1				
3/21	6.9	6.2	0.7				
6/21 9/21	8.9 0.8	8.5 0.6	0.4 0.2				
12/21	9.1	11.0	-1.9				
3/22	-5.6	-4.6	-1.0				
6/22 9/22	-16.4 -4.9	-16.1 -4.9	-0.3 0.0				
7,22	7.7	7.7	0.0				

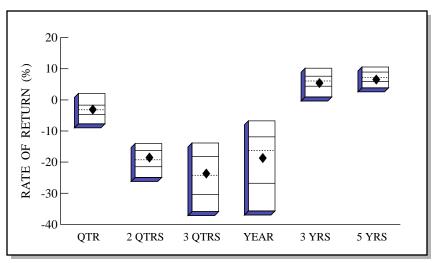
## MID CAP EQUITY MANAGER SUMMARY



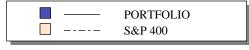
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA MIDCAP	(Mid Cap)	-2.5 (38)	-21.5 (41)	-15.3 (47)	6.1 (50)	5.8 (76)	\$7,945,730
S&P 400		-2.5	-21.5	-15.2	6.0	5.8	
FRONTIER	(Mid Cap Growth)	-1.0 (40)	-31.8 (44)	-30.1 (55)	4.1 (64)	6.6 (91)	\$14,304,069
Russell Mid Cap Growth		-0.7	-31.5	-29.5	4.3	7.6	
ALLSPRING	(Mid Cap Value)	-4.8 (52)	-16.0 (40)	-7.6 (26)	6.6 (49)	7.2 (23)	\$14,639,671
Russell Mid Cap Value		-4.9	-20.4	-13.6	4.5	4.7	

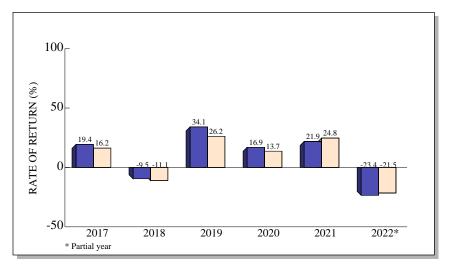
## MID CAP EQUITY RETURN COMPARISONS





Mid Cap Universe



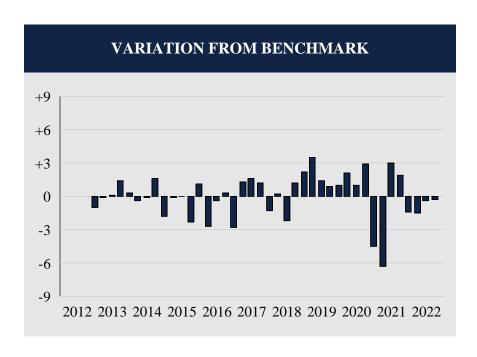


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-2.8	-18.2	-23.4	-18.4	5.7	6.8
(RANK)	(43)	(44)	(47)	(56)	(57)	(55)
5TH %ILE	2.0	-14.1	-13.9	-6.7	10.2	10.6
25TH %ILE	-1.7	-16.3	-18.3	-11.9	7.6	9.0
MEDIAN	-3.2	-19.3	-24.3	-16.3	6.1	7.1
75TH %ILE	-4.7	-21.5	-30.4	-26.8	4.4	5.9
95TH %ILE	-7.7	-24.9	-35.9	-35.7	0.9	3.9
S&P 400	-2.5	-17.5	-21.5	-15.2	6.0	5.8

Mid Cap Universe

## MID CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

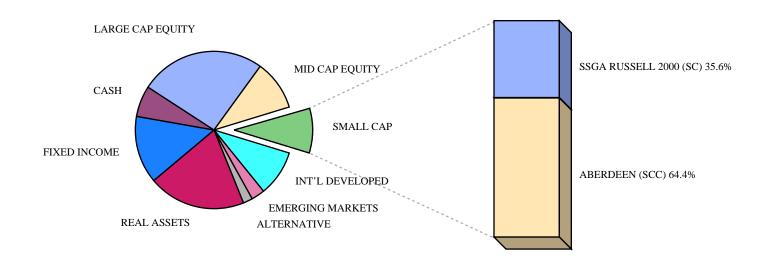
**COMPARATIVE BENCHMARK: S&P 400** 



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

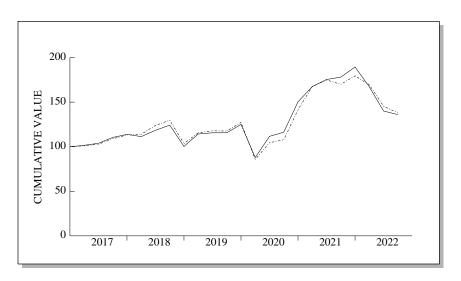
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
Date  12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19 9/19	Portfolio  2.6  13.4  1.1  8.9  8.6  2.6  4.2  -2.4  4.5  5.2  -1.1  -10.8  3.7  1.1  3.6  4.4  4.6  5.2  3.6  4.4  5.0  -0.6  2.1  5.1  -15.1  18.0  4.4  0.8	3.6 13.5 1.0 7.5 8.3 3.0 4.3 -4.0 6.3 5.3 -1.1 -8.5 2.6 3.8 4.0 4.1 7.4 3.9 2.0 3.2 6.3 -0.8 4.3 3.9 -17.3 14.5 3.0 -0.1	Difference  -1.0 -0.1 0.1 1.4 0.3 -0.4 -0.1 1.6 -1.8 -0.1 0.0 -2.3 1.1 -2.7 -0.4 0.3 -2.8 1.3 1.6 1.2 -1.3 0.2 -2.2 1.2 2.2 3.5 1.4 0.9				
3/20 6/20 9/20 12/20 3/21 6/21 9/21 12/21 3/22 6/22 9/22	8.1 -27.6 25.1 7.7 19.9 7.2 6.6 0.1 6.6 -6.4 -15.8 -2.8	7.1 -29.7 24.1 4.8 24.4 13.5 3.6 -1.8 8.0 -4.9 -15.4 -2.5	1.0 2.1 1.0 2.9 -4.5 -6.3 3.0 1.9 -1.4 -1.5 -0.4 -0.3				

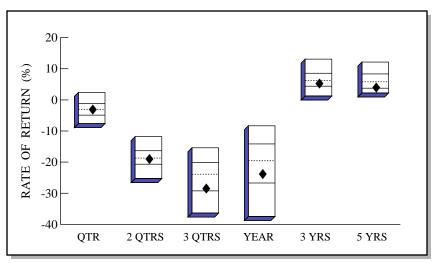
## SMALL CAP EQUITY MANAGER SUMMARY



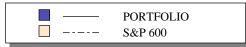
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
SSGA RUSSELL 2000	(Small Cap)	-2.1 (33)	-25.0 (55)	-23.4 (66)	4.4 (76)	3.6 (79)	\$11,607,766
ABERDEEN	(Small Cap)	-3.3 (54)	-29.9 (78)	-23.8 (70)	8.4 (26)	6.7 (39)	\$20,972,385
Russell 2000		-2.2	-25.1	-23.5	4.3	3.5	

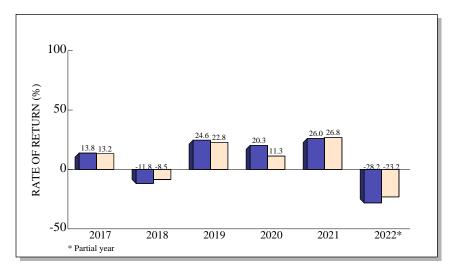
## SMALL CAP EQUITY RETURN COMPARISONS





Small Cap Universe



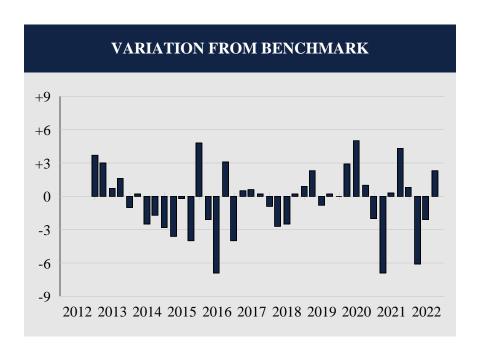


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-2.9	-18.7	-28.2	-23.6	5.6	4.3
(RANK)	(47)	(50)	(71)	(69)	(62)	(68)
5TH %ILE	2.4	-11.8	-15.4	-8.3	13.1	12.2
25TH %ILE	-1.1	-16.3	-20.1	-14.2	8.6	8.3
MEDIAN	-3.0	-18.7	-23.9	-19.5	6.2	5.8
75TH %ILE	-4.9	-20.7	-29.3	-26.7	4.4	3.7
95TH %ILE	-7.7	-25.3	-36.4	-37.5	1.2	2.2
S&P 600	-5.2	-18.6	-23.2	-18.8	5.5	4.8

Small Cap Universe

## SMALL CAP EQUITY QUARTERLY PERFORMANCE SUMMARY

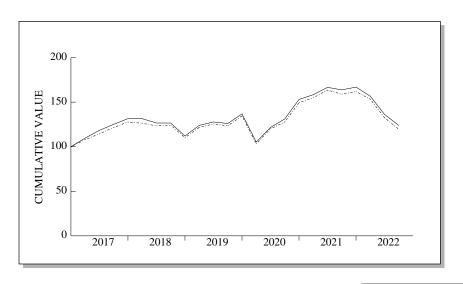
COMPARATIVE BENCHMARK: S&P 600 SMALL CAP

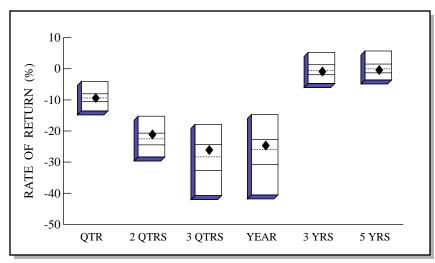


Total Quarters Observed	40
Quarters At or Above the Benchmark	22
<b>Quarters Below the Benchmark</b>	18
Batting Average	.550

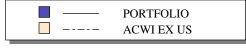
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/12	5.9	2.2	3.7			
3/13 6/13	14.8 4.6	11.8 3.9	3.0 0.7			
9/13	12.3	10.7	1.6			
12/13	8.8	9.8	-1.0			
3/14 6/14	1.3 -0.4	1.1 2.1	0.2 -2.5			
9/14	-8.4	-6.7	-1.7			
12/14 3/15	7.0 0.4	9.8 4.0	-2.8 -3.6			
6/15	0.0	0.2	-0.2			
9/15 12/15	-13.3 8.5	-9.3 3.7	-4.0 4.8			
3/16	0.6	2.7	-2.1			
6/16	-3.4	3.5	-6.9			
9/16 12/16	10.3 7.1	7.2 11.1	3.1 -4.0			
3/17	1.6	1.1	0.5			
6/17	2.3	1.7	0.6			
9/17 12/17	6.2 3.1	6.0 4.0	0.2 -0.9			
3/18	-2.1	0.6	-2.7			
6/18 9/18	6.3 4.9	8.8 4.7	-2.5 0.2			
12/18	-19.2	-20.1	0.9			
3/19 6/19	13.9 1.1	11.6 1.9	2.3 -0.8			
9/19	0.0	-0.2	0.2			
12/19	8.2	8.2	0.0			
3/20 6/20	-29.7 26.9	-32.6 21.9	2.9 5.0			
9/20	4.2	3.2	1.0			
12/20	29.3	31.3	-2.0			
3/21 6/21	11.3 4.8	18.2 4.5	-6.9 0.3			
9/21 12/21	1.5 6.4	-2.8 5.6	4.3 0.8			
3/22	-11.7	5.6 -5.6	-6.1			
6/22	-16.2	-14.1	-2.1			
9/22	-2.9	-5.2	2.3			

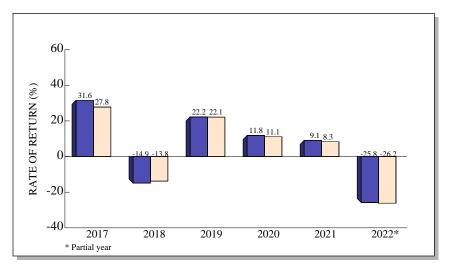
## INTERNATIONAL EQUITY RETURN COMPARISONS





International Equity Universe





	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	-9.1 (43)	-20.9 (28)	-25.8 (33)	-24.4 (34)	-0.6 (51)	-0.2 (53)
5TH %ILE 25TH %ILE MEDIAN 75TH %ILE 95TH %ILE	-4.1 -8.1 -9.4 -10.5	-15.3 -20.7 -22.5 -24.5 -28.4	-17.9 -24.4 -28.3 -32.7 -40.8	-14.7 -22.8 -26.0 -30.8 -40.6	5.3 1.3 -0.6 -1.9 -4.8	5.7 1.5 0.0 -1.3
ACWI ex US	-9.8	-22.0	-26.2	-24.8	-1.1	-0.3

International Equity Universe

## INTERNATIONAL EQUITY QUARTERLY PERFORMANCE SUMMARY

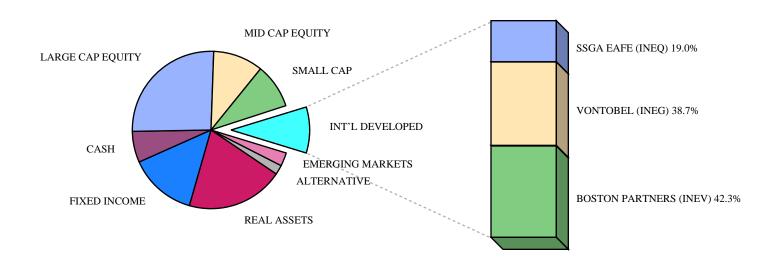
### COMPARATIVE BENCHMARK: MSCI ALL COUNTRY WORLD EX US



Total Quarters Observed	40
Quarters At or Above the Benchmark	17
<b>Quarters Below the Benchmark</b>	23
Batting Average	.425

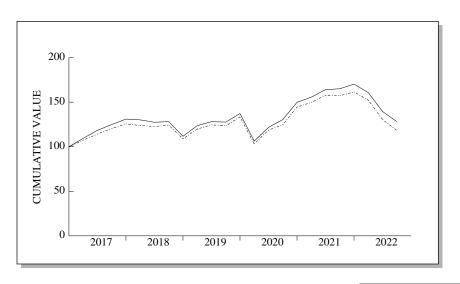
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/12	7.7	5.9	1.8				
3/13	3.2	3.3	-0.1				
6/13 9/13	-5.3 9.5	-2.9 10.2	-2.4 -0.7				
12/13	4.4	4.8	-0.4				
3/14	0.5	0.6	-0.1				
6/14 9/14	3.6 -4.1	5.2 -5.2	-1.6 1.1				
12/14	-3.9	-3.8	-0.1				
3/15 6/15	1.6 0.5	3.6 0.7	-2.0 -0.2				
9/15	-9.8	-12.1	2.3				
12/15	4.7	3.3	1.4				
3/16 6/16	0.4 -0.5	-0.3 -0.4	0.7 -0.1				
9/16	6.9	7.0	-0.1				
12/16	-4.5	-1.2	-3.3				
3/17 6/17	9.8 7.8	8.0 6.0	1.8 1.8				
9/17	5.8	6.3	-0.5				
12/17 3/18	5.1 -0.1	5.1 -1.1	0.0				
6/18	-0.1 -3.7	-1.1 -2.4	-1.3				
9/18 12/18	0.0 -11.5	0.8 -11.4	-0.8 -0.1				
3/19	-11.5 10.7	-11.4 10.4	0.3				
6/19	3.1	3.2	-0.1				
9/19 12/19	-1.4 8.6	-1.7 9.0	0.3 -0.4				
3/20	-23.1	-23.3	0.2				
6/20	15.6	16.3	-0.7				
9/20 12/20	7.9 16.7	6.4 17.1	1.5 -0.4				
3/21	3.5	3.6	-0.1				
6/21 9/21	5.2 -1.7	5.6 -2.9	-0.4 1.2				
12/21	1.9	-2.9 1.9	0.0				
3/22	-6.1	-5.3	-0.8				
6/22 9/22	-13.0 -9.1	-13.5 -9.8	0.5 0.7				
,,,,,,	<b>7.1</b>	7.0	0.7				

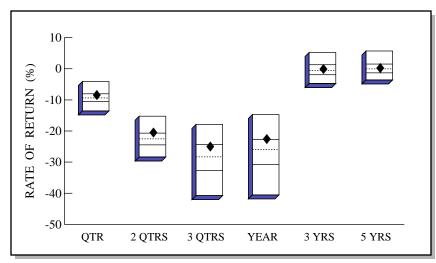
## DEVELOPED MARKETS EQUITY MANAGER SUMMARY



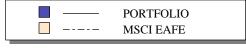
TOTAL RETURNS AND RANKINGS								
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE	
SSGA EAFE	(International Equity)	-9.3 (49)	-26.8 (38)	-24.8 (39)	-1.5 (68)	-0.5 (59)	\$6,488,314	
MSCI EAFE Net		-9.4	-27.1	-25.1	-1.8	-0.8		
VONTOBEL	(International Growth)	-5.6 (1)	-28.5 (21)	-25.6 (20)	0.5 (38)	2.5 (31)	\$13,173,881	
MSCI EAFE Growth Net		-8.5	-33.0	-30.3	-1.5	0.7		
BOSTON PARTNERS	(International Value)	-9.8 (33)	-19.8 (13)	-17.8 (11)			\$14,404,497	
MSCI EAFE Value Net		-10.2	-21.1	-20.2	-2.8	-2.7		

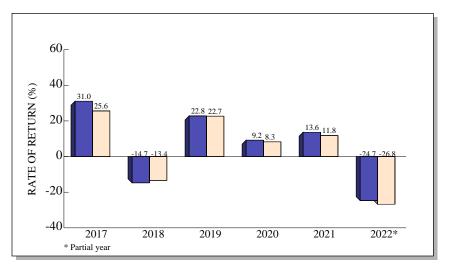
## DEVELOPED MARKETS EQUITY RETURN COMPARISONS





International Equity Universe



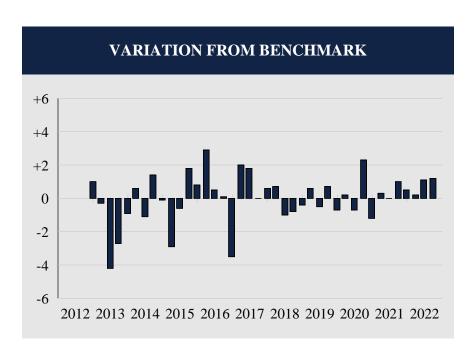


	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	-8.1 (26)	-20.2 (23)	-24.7 (28)	-22.3 (24)	0.1 (41)	0.5 (41)
5TH %ILE 25TH %ILE MEDIAN 75TH %ILE 95TH %ILE	-4.1 -8.1 -9.4 -10.5	-15.3 -20.7 -22.5 -24.5 -28.4	-17.9 -24.4 -28.3 -32.7 -40.8	-14.7 -22.8 -26.0 -30.8 -40.6	5.3 1.3 -0.6 -1.9 -4.8	5.7 1.5 0.0 -1.3
MSCI EAFE	-9.3	-22.3	-26.8	-24.7	-1.4	-0.4

International Equity Universe

# DEVELOPED MARKETS EQUITY QUARTERLY PERFORMANCE SUMMARY

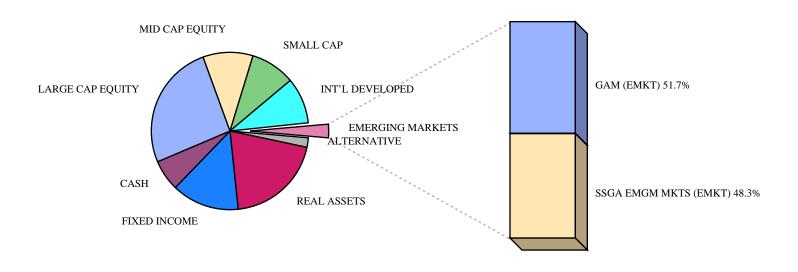
COMPARATIVE BENCHMARK: MSCI EAFE



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

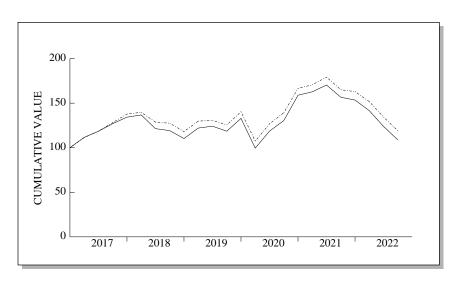
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
Date  12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 9/17 12/17 3/18	Portfolio  7.6 4.9 -4.9 8.9 4.8 1.4 3.2 -4.4 -3.6 2.1 0.2 -8.4 5.5 0.0 -0.7 6.6 -4.2 9.4 8.2 5.5 4.9 -0.7	6.6 5.2 -0.7 11.6 5.7 0.8 4.3 -5.8 -3.5 5.0 0.8 -10.2 4.7 -2.9 -1.2 6.5 -0.7 7.4 6.4 5.5 4.3 -1.4	1.0 -0.3 -4.2 -2.7 -0.9 0.6 -1.1 1.4 -0.1 -2.9 -0.6 1.8 0.8 2.9 0.5 0.1 -3.5 2.0 1.8 0.0 0.6 0.7				
3/18 6/18 9/18 12/18 3/19 6/19 9/19 12/19 3/20 6/20 9/20 12/20 3/21 6/21 9/21 12/21 3/22 6/22 9/22	-0.7 -2.0 0.6 -12.9 10.7 3.5 -0.3 7.5 -22.5 14.4 7.2 14.9 3.9 5.4 0.6 3.2 -5.6 -13.2 -8.1	-1.4 -1.0 1.4 -12.5 10.1 4.0 -1.0 8.2 -22.7 15.1 4.9 16.1 3.6 5.4 -0.4 2.7 -5.8 -14.3 -9.3	0.7 -1.0 -0.8 -0.4 0.6 -0.5 0.7 -0.7 -0.7 2.3 -1.2 0.3 0.0 1.0 0.5 0.2 1.1				

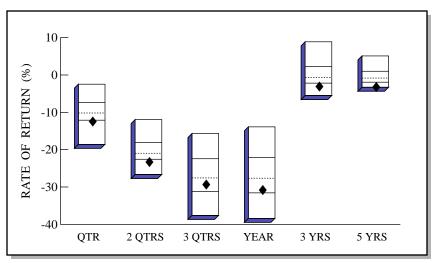
# EMERGING MARKETS EQUITY MANAGER SUMMARY



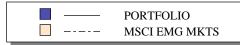
TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
GAM	(Emerging Markets)	-12.6 (83)	-30.9 (74)	-32.7 (82)	-3.5 (88)		\$5,165,370
SSGA EMGM MKTS	(Emerging Markets)	-11.7 (71)	-27.1 (47)	-28.0 (53)	-2.1 (74)		\$4,828,092
MSCI Emerging Markets Net		-11.6	-27.2	-28.1	-2.1	-1.8	

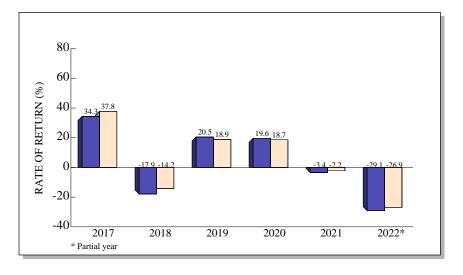
# EMERGING MARKETS EQUITY RETURN COMPARISONS





Emerging Markets Universe



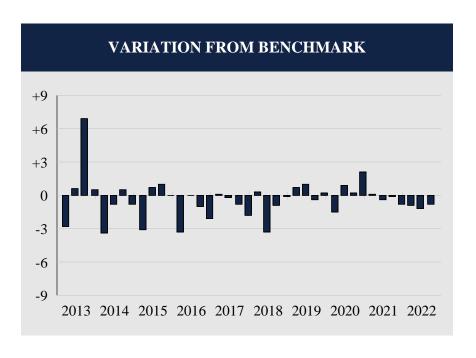


	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	-12.2 (76)	-23.1 (79)	-29.1 (62)	-30.5 (66)	-2.8 (81)	-3.0 (94)
5TH %ILE 25TH %ILE MEDIAN 75TH %ILE 95TH %ILE	-2.5 -7.4 -10.2 -12.1 -18.6	-11.9 -18.1 -21.0 -22.6 -26.7	-15.7 -22.4 -27.6 -31.2 -37.6	-13.9 -22.1 -27.6 -31.6 -38.4	8.9 2.3 -0.7 -2.2 -5.5	5.1 1.0 -0.8 -1.9
MSCI EM	-11.4	-21.5	-26.9	-27.8	-1.7	-1.4

**Emerging Markets Universe** 

# EMERGING MARKETS EQUITY QUARTERLY PERFORMANCE SUMMARY

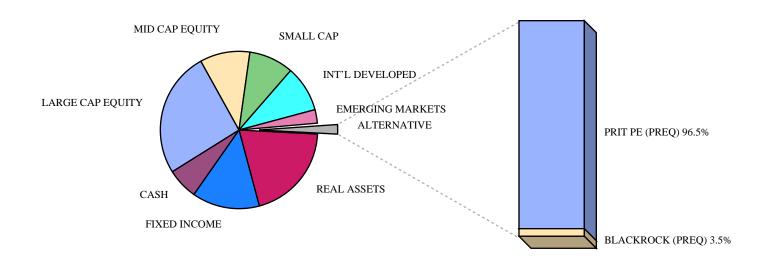
#### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS



<b>Total Quarters Observed</b>	39
Quarters At or Above the Benchmark	17
<b>Quarters Below the Benchmark</b>	22
Batting Average	.436

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				
12/19	12.1	11.9	0.2				
3/20	-25.1	-23.6	-1.5				
6/20	19.1	18.2	0.9				
9/20	9.9	9.7	0.2				
12/20	21.9	19.8	2.1				
3/21	2.4	2.3	0.1				
6/21	4.7	5.1	-0.4				
9/21	-8.1	-8.0	-0.1				
12/21	-2.0	-1.2	-0.8				
3/22	-7.8	-6.9	-0.9				
6/22	-12.5	-11.3	-1.2				
9/22	-12.2	-11.4	-0.8				

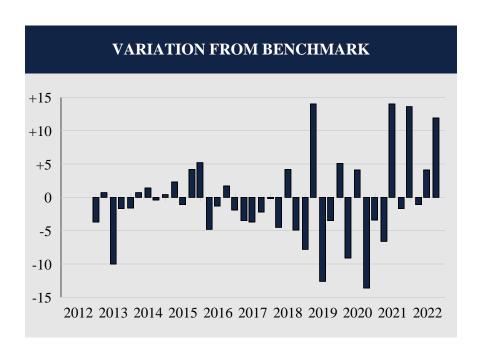
## ALTERNATIVE ASSETS MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
PRIT PE		-3.5	4.0	22.5	28.2		\$6,784,415
Cambridge US Private Equity		0.0	-5.3	-0.3	19.6	16.8	
BLACKROCK		-31.0	-33.0	-35.9	-9.6	-2.5	\$245,652
Russell 3000 (Lagged)		-16.7	-13.8	-13.9	9.8	10.6	

# ALTERNATIVE ASSETS QUARTERLY PERFORMANCE SUMMARY

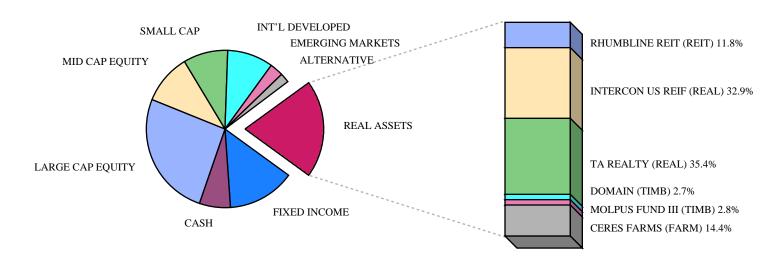
COMPARATIVE BENCHMARK: RUSSELL 3000 (LAGGED)



Total Quarters Observed	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				
12/12	2.5	6.2	-3.7				
3/13	1.0	0.3	0.7				
6/13	1.1	11.1	-10.0				
9/13	1.0	2.7	-1.7				
12/13	4.8	6.4	-1.6				
3/14	10.8	10.1	0.7				
6/14	3.4	2.0	1.4				
9/14	4.5	4.9	-0.4				
12/14	0.4	0.0	0.4				
3/15	7.5	5.2	2.3				
6/15	0.7	1.8	-1.1				
9/15	4.3	0.1	4.2				
12/15	-2.0	-7.2	5.2				
3/16	1.5	6.3	-4.8				
6/16	-0.3	1.0	-1.3				
9/16	4.3	2.6	1.7				
12/16	2.5	4.4	-1.9				
3/17	0.7	4.2	-3.5				
6/17	2.0	5.7	-3.7				
9/17	0.8	3.0	-2.2				
12/17	4.4	4.6	-0.2				
3/18	1.8	6.3	-4.5				
6/18	3.6	-0.6	4.2				
9/18	-1.0	3.9	-4.9				
12/18	-0.7	7.1	-7.8				
3/19	-0.3	-14.3	14.0				
6/19	1.4	14.0	-12.6				
9/19	0.6	4.1	-3.5				
12/19	6.3	1.2	5.1				
3/20	0.0	9.1	-9.1				
6/20	-16.8	-20.9	4.1				
9/20	8.4	22.0	-13.6				
12/20	5.8	9.2	-3.4				
3/21	8.1	14.7	-6.6				
6/21	20.3	6.3	14.0				
9/21	6.5	8.2	-1.7				
12/21	13.5	-0.1	13.6				
3/22	8.2	9.3	-1.1				
6/22	-1.2	-5.3	4.1				
9/22	-4.8	-16.7	11.9				

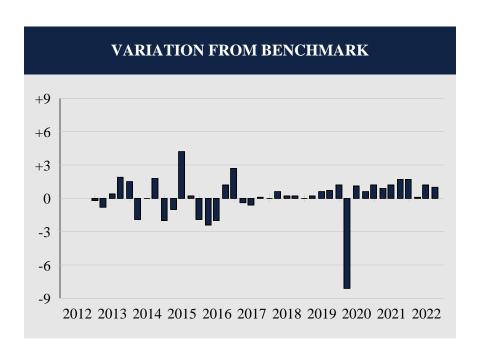
#### REAL ASSETS MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
RHUMBLINE REIT		-10.8	-27.9	-16.3			\$8,543,752
NAREIT		-10.8	-27.9	-16.3	-1.1	4.1	
INTERCON US REIF		1.6	15.3	26.5	14.6	12.7	\$23,794,274
TA REALTY		1.5	15.8	25.7			\$25,665,127
NCREIF NFI-ODCE Index		0.5	13.1	22.1	12.4	10.2	
DOMAIN		1.0	4.5	13.8	9.1	7.3	\$1,980,531
MOLPUS FUND III		1.6	2.7	9.4	7.7	5.3	\$1,997,094
NCREIF Timber Index		2.4	7.6	12.6	5.8	4.7	
CERES FARMS		5.4	17.7	24.0	14.8	11.6	\$10,436,407
NCREIF Farmland Index		2.0	6.2	10.2	6.5	6.3	

# REAL ASSETS QUARTERLY PERFORMANCE SUMMARY

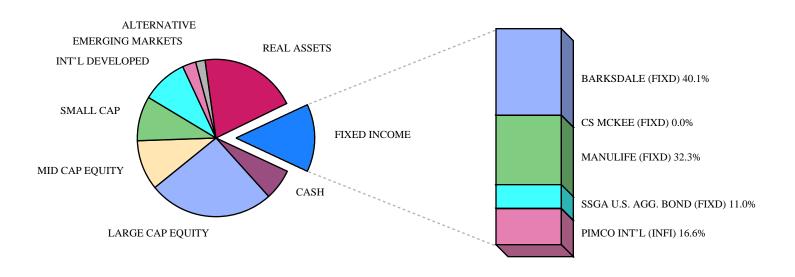
COMPARATIVE BENCHMARK: REAL ASSET INDEX



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

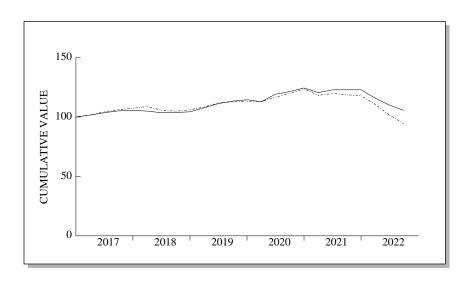
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
Date  12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19 9/19 12/19 3/20 6/20 9/20	Portfolio  2.5  4.6  1.4  2.4  3.0  3.6  5.0  2.2  6.1  2.8  1.5  2.6  3.6  1.7  2.8  1.7  2.1  1.8  1.4  1.6  2.2  1.3  2.8  1.9  0.8  3.4  1.7  2.7  2.4  -10.7  2.0  1.2	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 2.0 1.5 2.2 0.7 2.6 1.7 0.8 3.2 1.1 2.0 1.2 -2.6 0.9 0.6	Difference  -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 -0.6 0.1 0.0 0.6 0.2 0.2 0.0 0.2 0.0 0.2 0.6 0.7 1.2 -8.1 1.1 0.6				
12/20 3/21 6/21 9/21 12/21 3/22 6/22 9/22	3.4 3.5 5.6 6.2 9.7 4.6 2.4 0.5	2.2 2.6 4.4 4.5 8.0 4.5 1.2 -0.5	1.2 0.9 1.2 1.7 1.7 0.1 1.2 1.0				

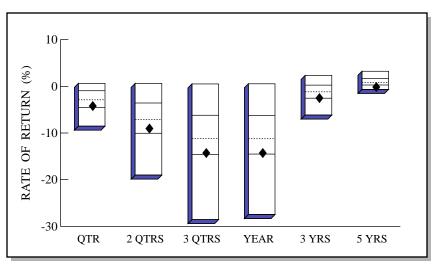
## FIXED INCOME MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS								
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE	
BARKSDALE	(Core Fixed Income)	-4.6 (56)	-13.8 (26)	-13.9 (26)	-3.0 (70)	0.0 (81)	\$21,544,803	
CS MCKEE	(Core Fixed Income)						\$219,594	
MANULIFE	(Core Fixed Income)	-4.1 (15)	-15.9 (95)	-15.8 (93)	-2.4 (29)	0.5 (23)	\$16,201,591	
SSGA U.S. AGG. BOND	(Core Fixed Income)	-4.7 (67)	-14.6 (68)	-14.6 (67)	-3.2 (92)	-0.2 (94)	\$5,494,490	
Bloomberg Aggregate Index		-4.8	-14.6	-14.6	-3.3	-0.3		
PIMCO INT'L	(Int'l Fixed Income)	-2.2 (23)	-10.2 (16)	-10.4 (13)			\$8,343,256	
Bloomberg Global Aggregate Ex	x US Hedged	-2.2	-9.9	-9.9	-3.0	0.7		

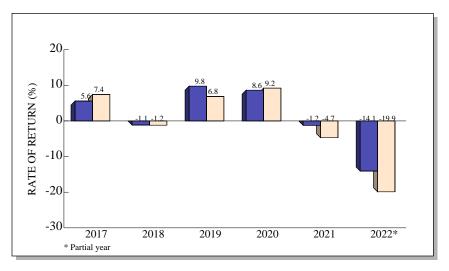
## FIXED INCOME RETURN COMPARISONS





Broad Market Fixed Universe





					ANNU <i>A</i>	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-4.0	-8.9	-14.1	-14.1	-2.3	0.1
(RANK)	(66)	(59)	(67)	(70)	(72)	(84)
5TH %ILE	0.6	0.6	0.5	0.5	2.4	3.2
25TH %ILE	-0.9	-3.6	-6.2	-6.3	0.3	1.7
MEDIAN	-2.9	-7.1	-11.2	-11.2	-1.2	0.8
75TH %ILE	-4.5	-10.1	-14.6	-14.5	-2.5	0.3
95TH %ILE	-8.6	-19.0	-28.6	-27.5	-6.2	-0.7
Global Agg	-6.9	-14.6	-19.9	-20.4	-5.7	-2.3

Broad Market Fixed Universe

## FIXED INCOME QUARTERLY PERFORMANCE SUMMARY

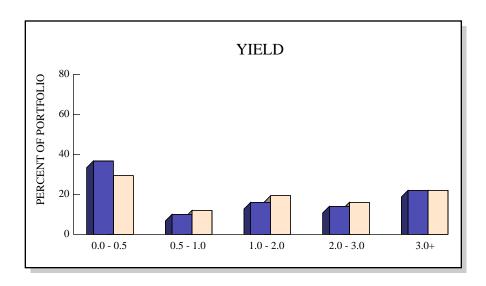
#### COMPARATIVE BENCHMARK: BLOOMBERG GLOBAL AGGREGATE

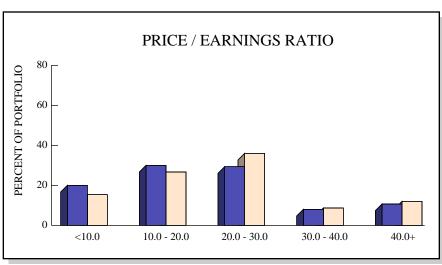


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	25
Quarters Below the Benchmark	15
<b>Batting Average</b>	.625

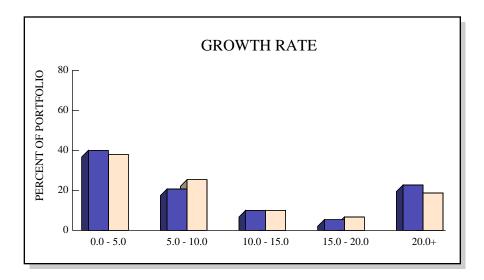
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
Date  12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15 9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19 9/19 12/19 3/20 6/20 9/20	Portfolio  0.1 -0.1 -2.3 0.5 0.1 2.5 2.5 -0.5 1.2 1.5 -1.9 0.3 -0.4 4.0 1.9 0.9 -3.2 1.7 1.9 1.5 0.4 -0.6 -1.3 0.2 0.6 3.4 3.2 1.9 1.0 -1.5 5.6 1.8	-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 5.9 2.9 0.8 -7.1 1.8 2.6 1.8 1.1 1.4 -2.8 -0.9 1.2 2.2 3.3 0.7 0.5 -0.3 3.3 2.7	Difference  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 3.9 -0.1 -0.7 -0.3 -0.7 -2.0 1.5 1.1 -0.6 1.2 -0.1 1.2 0.5 -1.2 2.3 -0.9			
12/20 3/21 6/21 9/21 12/21 3/22 6/22 9/22	2.5 -3.1 1.9 0.1 0.0 -5.7 -5.1 -4.0	3.3 -4.5 1.3 -0.9 -0.7 -6.2 -8.3 -6.9	-0.8 1.4 0.6 1.0 0.7 0.5 3.2 2.9			

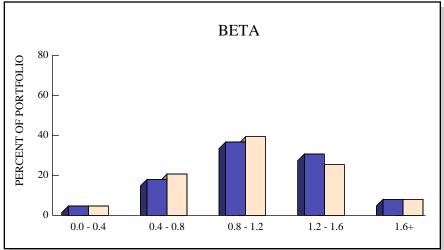
## STOCK CHARACTERISTICS



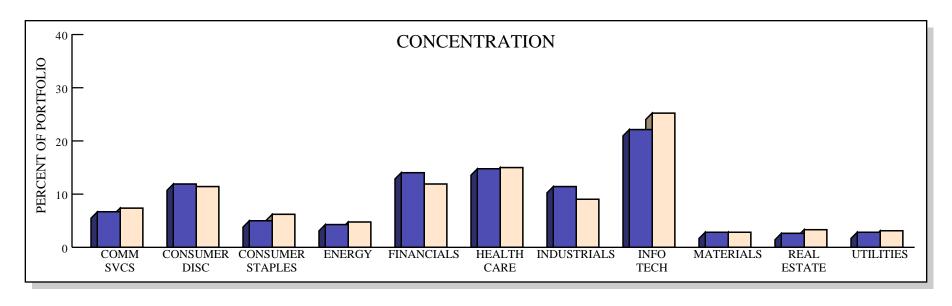


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	2,791	1.7%	9.2%	23.1	1.10	
RUSSELL 3000	2,986	1.8%	9.4%	25.1	1.05	

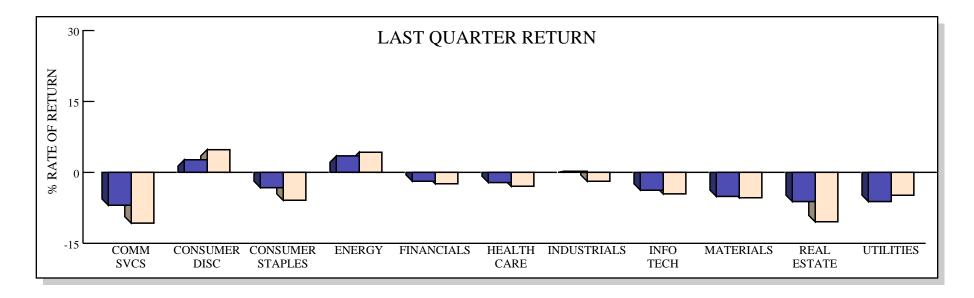




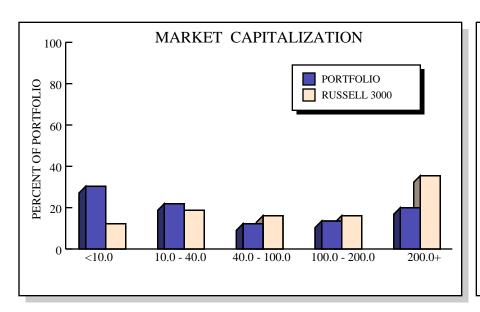
#### STOCK INDUSTRY ANALYSIS

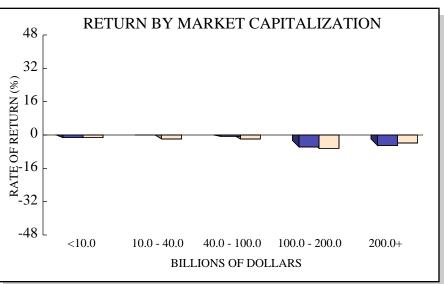






#### **TOP TEN HOLDINGS**

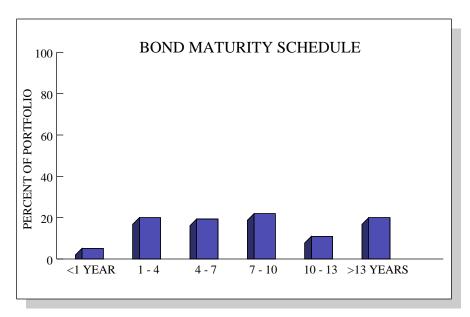


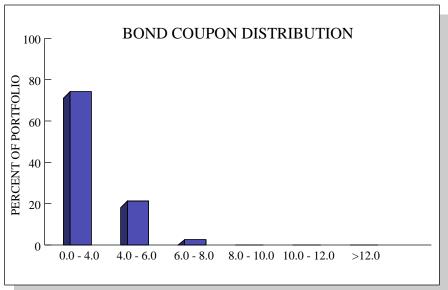


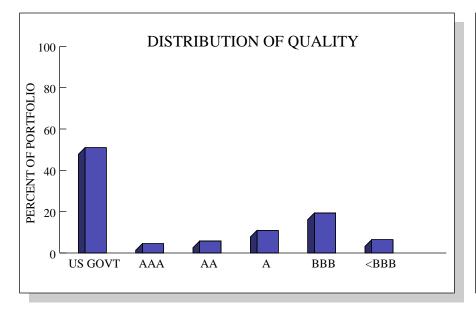
# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	MICROSOFT CORP	\$ 4,428,360	2.72%	-9.1%	Information Technology	\$ 1736.9 B
2	APPLE INC	3,628,994	2.23%	1.2%	Information Technology	2221.0 B
3	AMAZON.COM INC	3,619,729	2.22%	6.4%	Consumer Discretionary	1151.2 B
4	ALPHABET INC	2,683,643	1.65%	-12.1%	Communication Services	592.6 B
5	UNITEDHEALTH GROUP INC	1,668,652	1.03%	-1.4%	Health Care	472.4 B
6	META PLATFORMS INC	1,609,029	.99%	-15.9%	Communication Services	364.6 B
7	VISA INC	1,396,151	.86%	-9.6%	Information Technology	367.5 B
8	ADOBE INC	1,364,442	.84%	-24.8%	Information Technology	127.9 B
9	MASTERCARD INC	1,352,605	.83%	-9.7%	Information Technology	274.8 B
10	NETFLIX INC	1,339,654	.82%	34.6%	Communication Services	104.7 B

## **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	1083	12,667
Duration	6.68	6.20
YTM	5.61	4.75
Average Coupon	2.97	2.58
Avg Maturity / WAL	10.28	8.52
Average Quality	AAA-AA	AA

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

Economic Data	Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Consumer Price Index	Economic Data	0.2	6.5	8.2	4.9	3.8	2.5
Consumer Price findex	Economic Data	0.2	0.3	0.2	4.9	3.8	2.3
Domestic Equity	Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Russell 3000	Broad Equity	-4.5	-24.6	-17.6	7.7	8.6	11.4
S&P 500	Large Cap Core	-4.9	-23.9	-15.5	8.2	9.2	11.7
Russell 1000	Large Cap	-4.6	-24.6	-17.2	7.9	9.0	11.6
Russell 1000 Growth	Large Cap Growth	-3.6	-30.7	-22.6	10.7	12.2	13.7
Russell 1000 Value	Large Cap Value	-5.6	-17.8	-11.4	4.4	5.3	9.2
Russell Mid Cap	Midcap	-3.4	-24.3	-19.4	5.2	6.5	10.3
Russell Mid Cap Growth	Midcap Growth	-0.7	-31.5	-29.5	4.3	7.6	10.9
Russell Mid Cap Value	Midcap Value	-4.9	-20.4	-13.6	4.5	4.7	9.4
Russell 2000	Small Cap	-2.2	-25.1	-23.5	4.3	3.5	8.5
Russell 2000 Growth	Small Cap Growth	0.2	-29.3	-29.3	2.9	3.6	8.8
Russell 2000 Value	Small Cap Value	-4.6	-21.1	-17.7	4.7	2.9	7.9
International Equity	Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
MSCI All Country World ex US	Foreign Equity	-9.8	-26.2	-24.8	-1.1	-0.3	3.5
MSCI EAFE	Developed Markets Equity	-9.3	-26.8	-24.7	-1.4	-0.4	4.2
MSCI EAFE Growth	Developed Markets Growth	-8.4	-32.8	-30.1	-1.2	1.0	5.1
MSCI EAFE Value	Developed Markets Value	-10.1	-20.6	-19.6	-2.2	-2.1	3.0
MSCI Emerging Markets	Emerging Markets Equity	-11.4	-26.9	-27.8	-1.7	-1.4	1.4
Domestic Fixed Income	Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Bloomberg Aggregate Index	Core Fixed Income	-4.8	-14.6	-14.6	-3.3	-0.3	0.9
Bloomberg Capital Gov't Bond	Treasuries	-4.3	-12.9	-11.0	-2.4	0.2	0.7
Bloomberg Capital Credit Bond	Corporate Bonds	-4.9	-18.1	-15.0	-2.5	0.6	1.9
Intermediate Aggregate	Core Intermediate	-3.8	-11.0	-11.5	-2.3	0.0	0.8
ML/BoA 1-3 Year Treasury	Short Term Treasuries	-1.6	-4.5	-5.1	-0.6	0.5	0.5
Bloomberg Capital High Yield	High Yield Bonds	-0.6	-16.2	-15.6	-1.0	1.2	3.8
Alternative Assets	Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Bloomberg Global Treasury Ex US	International Treasuries	-8.9	-24.9	-26.1	-8.9	-4.3	-2.8
NCREIF NFI-ODCE Index	Real Estate	0.5	13.1	22.1	12.4	10.2	10.9
HFRI FOF Composite	Hedge Funds	-0.7	-5.7	-5.4	4.6	3.3	3.6
in Ki i Or Composite	ricuge rullus	-0.7	-3.1	-5.4	4.0	5.5	5.0

#### **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 S&P 400

Small Cap Equity S&P 600 Small Cap

Developed Markets Equity MSCI EAFE

Emerging Markets Equity MSCI Emerging Markets
Alternative Assets Russell 3000 (Lagged)

Real Asset Index

Fixed Income Bloomberg 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:

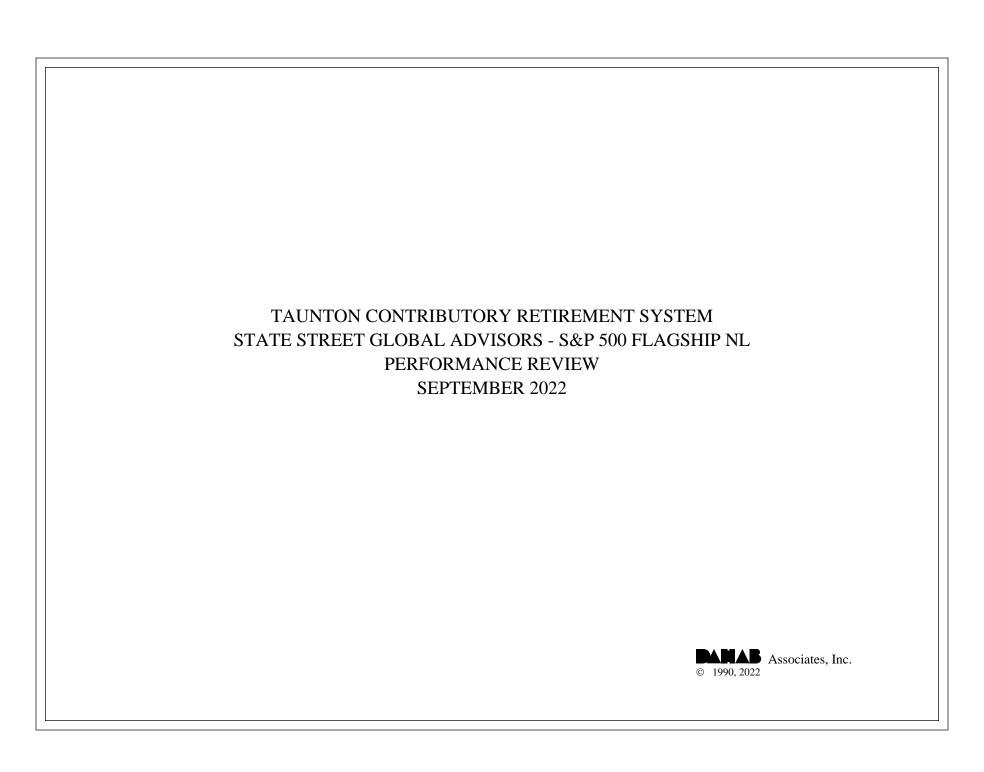
13.3% NAREIT 13.3% NCRFFL 13.3% NCREIF TIMBER 60% NCRODCE

- \* Due to delayed release of data all market values, returns, and cash flows for private equity accounts and indexes have been lagged.
- \* The Taunton Domestic Equity Index is a customized index and was constructed as follows: 53% S&P 1500 23.5% S&P 400 23.5% S&P 600 for all periods.

<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, 2022, the Taunton Contributory Retirement System's State Street Global Advisors S&P 500 Flagship NL portfolio was valued at \$44,889,804, a decrease of \$2,308,466 from the June ending value of \$47,198,270. Last quarter, the account recorded total net withdrawals of \$3,750 in addition to \$2,304,716 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**

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 lost 4.9%, which was equal to the S&P 500 Index's return of -4.9% and ranked in the 53rd percentile of the Large Cap universe. Over the trailing twelve-month period, this portfolio returned -15.5%, which was equal to the benchmark's -15.5% return, and ranked in the 52nd percentile. Since June 2007, the portfolio returned 7.6% per annum. For comparison, the S&P 500 returned an annualized 8.0% over the same period.

#### **ASSET ALLOCATION**

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

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/07	
Total Portfolio - Gross	-4.9	-23.9	-15.5	8.1	9.2	7.6	
LARGE CAP RANK	(53)	(52)	(52)	(37)	(38)		
Total Portfolio - Net	-4.9	-23.9	-15.5	8.1	9.2	7.6	
S&P 500	-4.9	-23.9	-15.5	8.2	9.2	8.0	
Large Cap Equity - Gross	-4.9	-23.9	-15.5	8.1	9.2	7.6	
LARGE CAP RANK	(53)	(52)	(52)	(37)	(38)		
S&P 500	-4.9	-23.9	-15.5	8.2	9.2	8.0	
Russell 1000G	-3.6	-30.7	-22.6	10.7	12.2	10.2	
Russell 1000V	-5.6	-17.8	-11.4	4.4	5.3	5.6	

ASSET ALLOCATION						
Large Cap Equity	100.0%	\$ 44,889,804				
Total Portfolio	100.0%	\$ 44,889,804				

## INVESTMENT RETURN

 Market Value 6/2022
 \$ 47,198,270

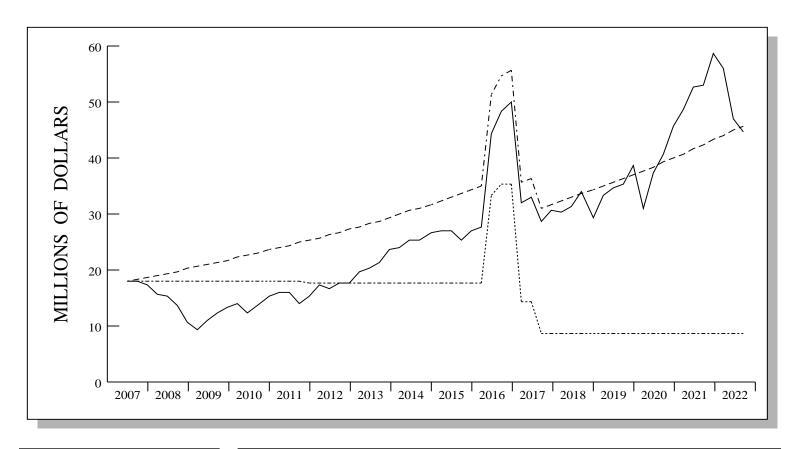
 Contribs / Withdrawals
 - 3,750

 Income
 0

 Capital Gains / Losses
 - 2,304,716

 Market Value 9/2022
 \$ 44,889,804

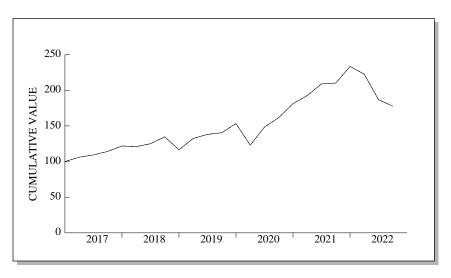
#### **INVESTMENT GROWTH**

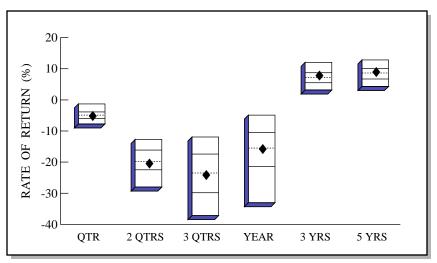


VALUE ASSUMING 8.0% RETURN \$ 45,927,359

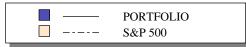
	LAST QUARTER	PERIOD 6/07 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 47,198,270 - 3,750 <u>- 2,304,716</u> \$ 44,889,804	\$ 18,182,339 - 9,402,723 36,110,188 \$ 44,889,804
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -2,304,716 \\ \hline -2,304,716 \end{array} $	36,110,188 36,110,188

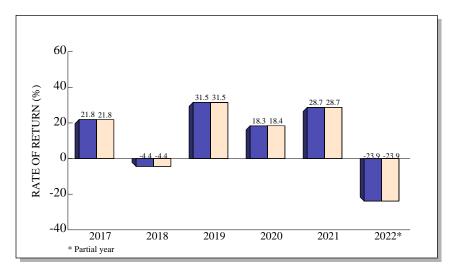
## TOTAL RETURN COMPARISONS





Large Cap Universe



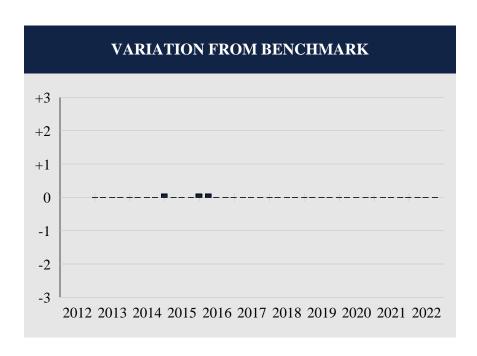


	_QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN	-4.9	-20.2	-23.9	-15.5	8.1	9.2
(RANK)	(53)	(57)	(52)	(52)	(37)	(38)
5TH %ILE	-1.3	-12.7	-11.9	-4.9	12.1	12.8
25TH %ILE	-3.9	-16.2	-17.4	-10.5	8.7	10.1
MEDIAN	-4.9	-19.9	-23.5	-15.5	7.1	8.6
75TH %ILE	-6.0	-22.5	-29.8	-21.4	5.5	6.7
95TH %ILE	-7.7	-28.1	-37.2	-33.1	3.1	4.3
S&P 500	-4.9	-20.2	-23.9	-15.5	8.2	9.2

Large Cap Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

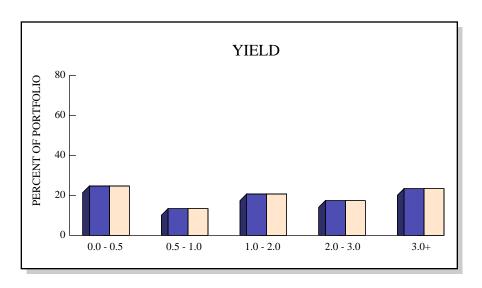
**COMPARATIVE BENCHMARK: S&P 500** 

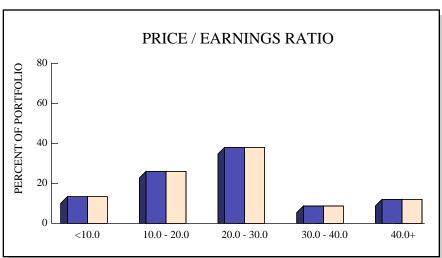


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	40
Quarters Below the Benchmark	0
<b>Batting Average</b>	1.000

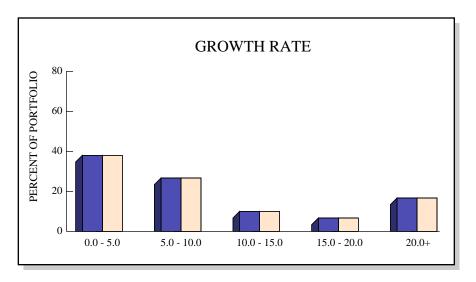
RATES OF RETURN						
				Cur	nulative	
Date	Portfolio	Bench	Diff	Portfolio	Bench	Diff
12/12	-0.4	-0.4	0.0	-0.4	-0.4	0.0
3/13	10.6	10.6	0.0	10.2	10.2	0.0
6/13	2.9	2.9	0.0	13.4	13.4	0.0
9/13	5.2	5.2	0.0	19.4	19.3	0.1
12/13	10.5	10.5	0.0	31.9	31.9	0.0
3/14	1.8	1.8	0.0	34.3	34.3	0.0
6/14	5.2	5.2	0.0	41.3	41.3	0.0
9/14	1.1	1.1	0.0	42.9	42.9	0.0
12/14	5.0	4.9	0.1	50.0	49.9	0.1
3/15	0.9	0.9	0.0	51.4	51.4	0.0
6/15	0.3	0.3	0.0	51.8	51.8	0.0
9/15	-6.4	-6.4	0.0	42.1	42.0	0.1
12/15	7.1	7.0	0.1	52.2	52.0	0.2
3/16	1.4	1.3	0.1	54.2	54.1	0.1
6/16	2.5	2.5	0.0	58.0	57.9	0.1
9/16	3.9	3.9	0.0	64.1	63.9	0.2
12/16	3.8	3.8	0.0	70.4	70.2	0.2
3/17	6.1	6.1	0.0	80.8	80.5	0.3
6/17	3.1	3.1	0.0	86.4	86.1	0.3
9/17	4.5	4.5	0.0	94.7	94.4	0.3
12/17	6.6	6.6	0.0	107.7	107.4	0.3
3/18	-0.8	-0.8	0.0	106.1	105.8	0.3
6/18	3.4	3.4	0.0	113.1	112.9	0.2
9/18	7.7	7.7	0.0	129.6	129.3	0.3
12/18	-13.5	-13.5	0.0	98.6	98.3	0.3
3/19	13.6	13.6	0.0	125.7	125.3	0.4
6/19	4.3	4.3	0.0	135.4	135.0	0.4
9/19	1.7	1.7	0.0	139.4	139.0	0.4
12/19	9.1	9.1	0.0	161.1	160.7	0.4
3/20	-19.6	-19.6	0.0	109.9	109.6	0.3
6/20	20.5	20.5	0.0	153.0	152.7	0.3
9/20	8.9	8.9	0.0	175.5	175.2	0.3
12/20	12.1	12.1	0.0	209.0	208.7	0.3
3/21	6.2	6.2	0.0	228.1	227.7	0.4
6/21	8.5	8.5	0.0	256.1	255.7	0.4
9/21	0.6	0.6	0.0	258.1	257.8	0.3
12/21	11.0	11.0	0.0	297.6	297.3	0.3
3/22	-4.6	-4.6	0.0	279.3	279.0	0.3
6/22	-16.1	-16.1	0.0	218.2	218.0	0.2
9/22	-4.9	-4.9	0.0	202.7	202.4	0.3

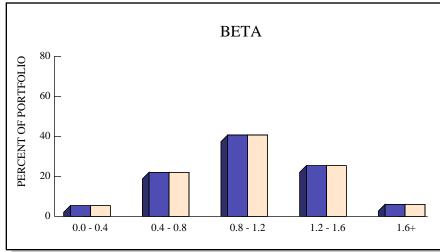
## STOCK CHARACTERISTICS



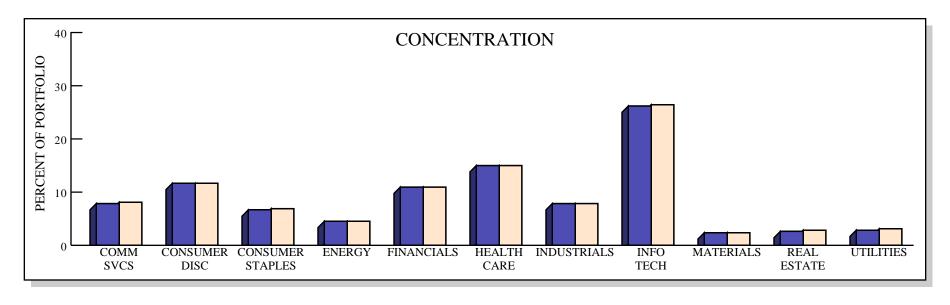


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	503	1.9%	9.2%	25.6	1.03	
S&P 500	503	1.9%	9.2%	25.6	1.03	

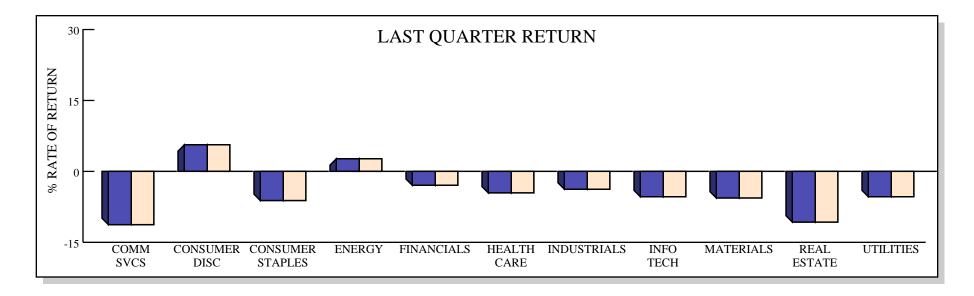




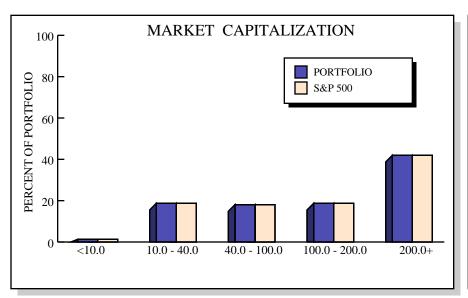
#### STOCK INDUSTRY ANALYSIS

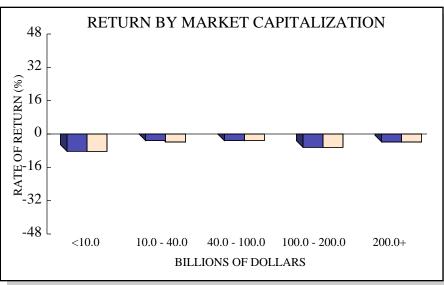






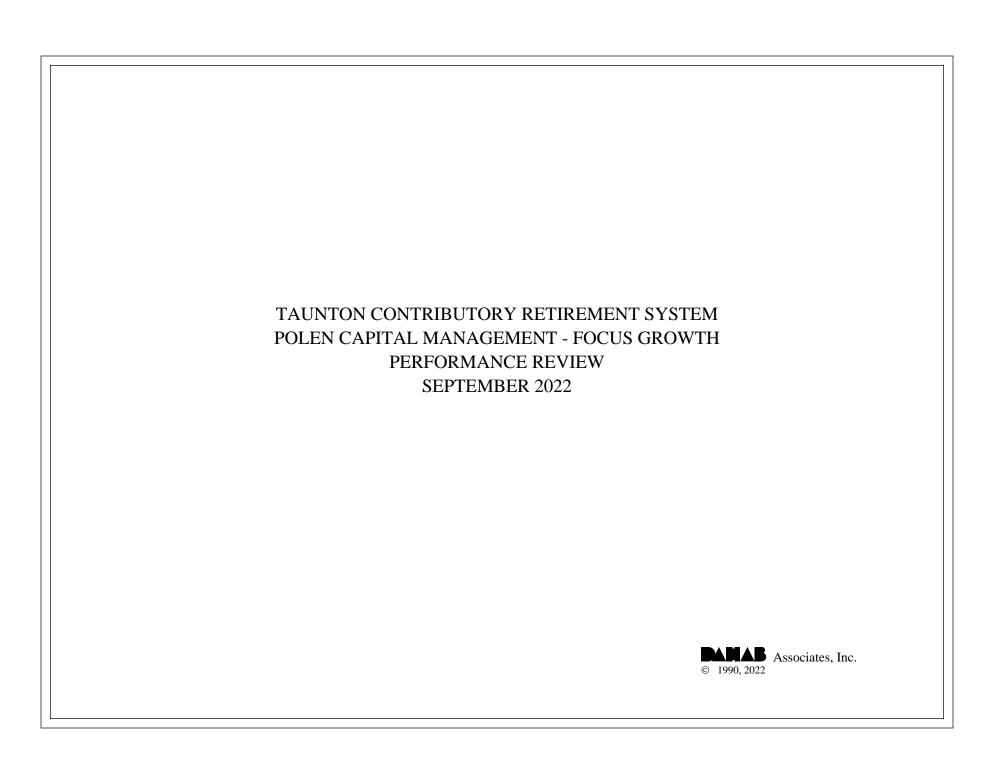
#### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	APPLE INC	\$ 3,111,573	6.93%	1.2%	Information Technology	\$ 2221.0 B
2	MICROSOFT CORP	2,588,683	5.77%	-9.1%	Information Technology	1736.9 B
3	AMAZON.COM INC	1,492,730	3.33%	6.4%	Consumer Discretionary	1151.2 B
4	TESLA INC	1,053,043	2.35%	18.2%	Consumer Discretionary	831.2 B
5	ALPHABET INC	854,824	1.90%	-12.2%	Communication Services	658.2 B
6	ALPHABET INC	768,335	1.71%	-12.1%	Communication Services	592.6 B
7	BERKSHIRE HATHAWAY INC	718,284	1.60%	-2.2%	Financials	347.4 B
8	UNITEDHEALTH GROUP INC	704,026	1.57%	-1.4%	Health Care	472.4 B
9	JOHNSON & JOHNSON	640,208	1.43%	-7.4%	Health Care	429.5 B
10	EXXON MOBIL CORP	542,282	1.21%	2.9%	Energy	363.9 B



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's Polen Capital Management Focus Growth portfolio was valued at \$22,513,092, a decrease of \$1,247,427 from the June ending value of \$23,760,519. Last quarter, the account recorded total net withdrawals of \$29,944 in addition to \$1,217,483 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$26,920 and realized and unrealized capital losses totaling \$1,244,403.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the third quarter, the Polen Capital Management Focus Growth portfolio lost 5.1%, which was 1.5% less than the Russell 1000 Growth Index's return of -3.6% and ranked in the 74th percentile of the Large Cap Growth universe. Over the trailing year, the portfolio returned -33.8%, which was 11.2% less than the benchmark's -22.6% performance, and ranked in the 88th percentile. Since December 2013, the account returned 12.6% per annum and ranked in the 2nd percentile. For comparison, the Russell 1000 Growth returned an annualized 12.2% over the same time frame.

#### **ASSET ALLOCATION**

At the end of the third quarter, large cap equities comprised 94.5% of the total portfolio (\$21.3 million), while cash & equivalents comprised the remaining 5.5% (\$1.2 million).

#### **EQUITY ANALYSIS**

Last quarter the Polen portfolio was only concentrated in four sectors Communication Services, Consumer Discretionary, Health Care, and Information Technology, the remaining sectors were left vacant.

Last quarter, unfortunately, Polen underperformed in all but one of its invested sectors. The only sector to mitigate against some losses was the Communication Services segment.

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Quarter	YTD	1 Year	3 Year	5 Year	Since 12/13		
Total Portfolio - Gross	-5.1	-37.1	-33.8	5.2	10.9	12.6		
LARGE CAP GROWTH RANK	(74)	(89)	(88)	(81)	(40)	(2)		
Total Portfolio - Net	-5.3	-37.4	-34.2	4.7	10.3	12.0		
Russell 1000G	-3.6	-30.7	-22.6	10.7	12.2	12.2		
Large Cap Equity - Gross	-5.4	-37.9	-34.6	5.4	11.4	13.0		
LARGE CAP GROWTH RANK	(81)	(92)	(90)	(80)	(29)	(1)		
Russell 1000G	-3.6	-30.7	-22.6	10.7	12.2	12.2		
Russell 1000V	-5.6	-17.8	-11.4	4.4	5.3	6.9		
Russell 1000	-4.6	-24.6	-17.2	7.9	9.0	9.7		

ASSET ALLOCATION							
Large Cap Equity Cash	94.5% 5.5%	\$ 21,265,576 1,247,516					
Total Portfolio	100.0%	\$ 22,513,092					

## INVESTMENT RETURN

 Market Value 6/2022
 \$ 23,760,519

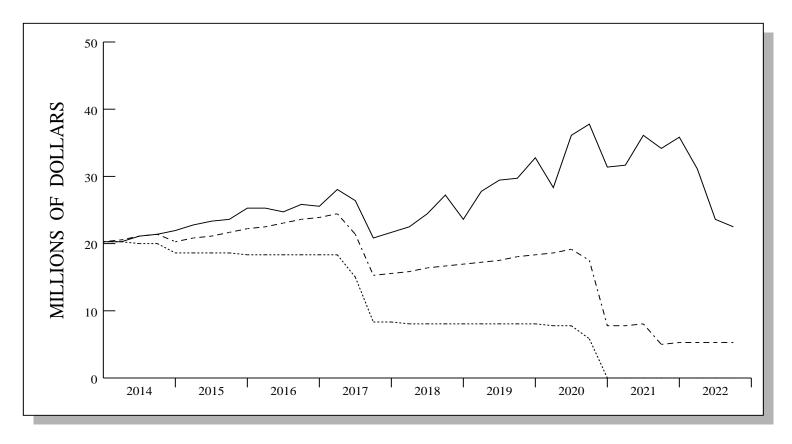
 Contribs / Withdrawals
 - 29,944

 Income
 26,920

 Capital Gains / Losses
 - 1,244,403

 Market Value 9/2022
 \$ 22,513,092

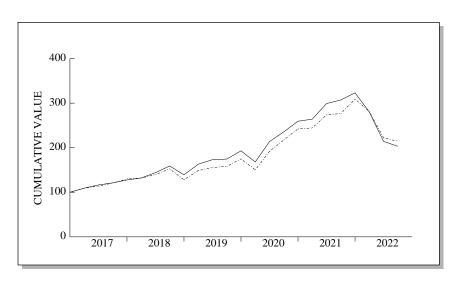
## **INVESTMENT GROWTH**

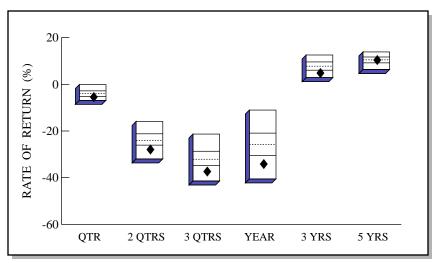


VALUE ASSUMING
9.0% RETURN \$ 5,554,118

	LAST QUARTER	PERIOD 12/13 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 23,760,519 - 29,944 - 1,217,483 \$ 22,513,092	\$ 20,327,518 - 27,683,440 29,869,014 \$ 22,513,092
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	26,920 -1,244,403 -1,217,483	1,762,210 28,106,804 29,869,014

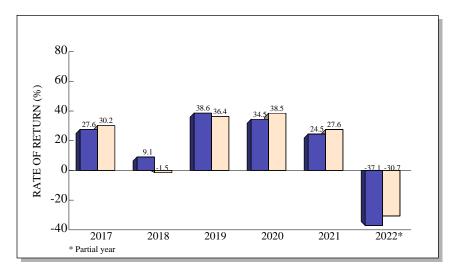
## TOTAL RETURN COMPARISONS





Large Cap Growth Universe



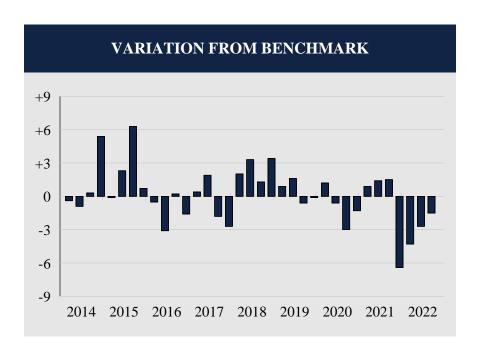


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	-5.1	-27.5	-37.1	-33.8	5.2	10.9
(RANK)	(74)	(87)	(89)	(88)	(81)	(40)
5TH %ILE	-0.1	-15.9	-21.3	-11.0	12.6	13.9
25TH %ILE	-2.8	-21.2	-28.7	-20.9	9.6	11.7
MEDIAN	-4.0	-24.1	-32.1	-25.8	7.8	10.5
75TH %ILE	-5.2	-26.1	-34.8	-30.5	6.1	9.2
95TH %ILE	-6.9	-32.0	-41.4	-40.5	2.9	6.4
Russ 1000G	-3.6	-23.8	-30.7	-22.6	10.7	12.2

Large Cap Growth Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

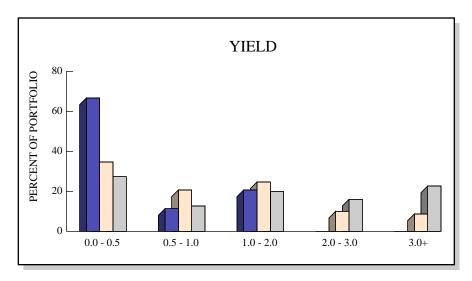
COMPARATIVE BENCHMARK: RUSSELL 1000 GROWTH

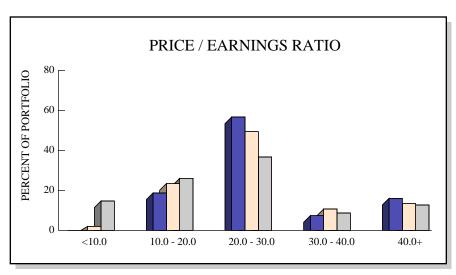


<b>Total Quarters Observed</b>	35
Quarters At or Above the Benchmark	18
<b>Quarters Below the Benchmark</b>	17
Batting Average	.514

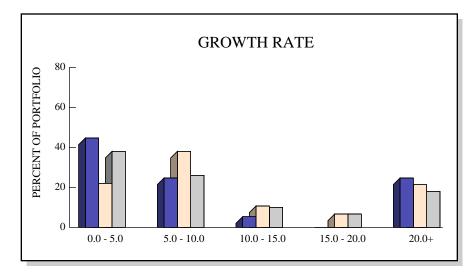
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
3/14	0.7	1.1	-0.4				
6/14	4.2	5.1	-0.9				
9/14	1.8	1.5	0.3				
12/14	10.2	4.8	5.4				
3/15	3.7	3.8	-0.1				
6/15	2.4	0.1	2.3				
9/15	1.0	-5.3	6.3				
12/15	8.0	7.3	0.7				
3/16	0.2	0.7	-0.5				
6/16	-2.5	0.6	-3.1				
9/16	4.8	4.6	0.2				
12/16	-0.6	1.0	-1.6				
3/17	9.3	8.9	0.4				
6/17	6.6	4.7	1.9				
9/17	4.1	5.9	-1.8				
12/17	5.2	7.9	-2.7				
3/18	3.4	1.4	2.0				
6/18	9.1	5.8	3.3				
9/18	10.5	9.2	1.3				
12/18	-12.5	-15.9	3.4				
3/19	17.0	16.1	0.9				
6/19	6.2	4.6	1.6				
9/19	0.9	1.5	-0.6				
12/19	10.5	10.6	-0.1				
3/20	-12.9	-14.1	1.2				
6/20	27.2	27.8	-0.6				
9/20	10.2	13.2	-3.0				
12/20	10.1	11.4	-1.3				
3/21	1.8	0.9	0.9				
6/21	13.3	11.9	1.4				
9/21	2.7	1.2	1.5				
12/21	5.2	11.6	-6.4				
3/22	-13.3	-9.0	-4.3				
6/22	-23.6	-20.9	-2.7				
9/22	-5.1	-3.6	-1.5				

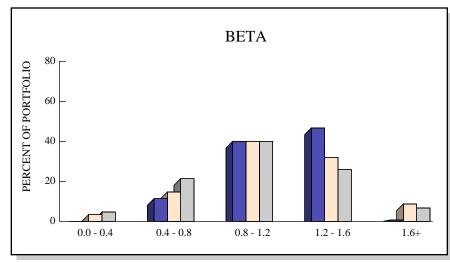
## STOCK CHARACTERISTICS

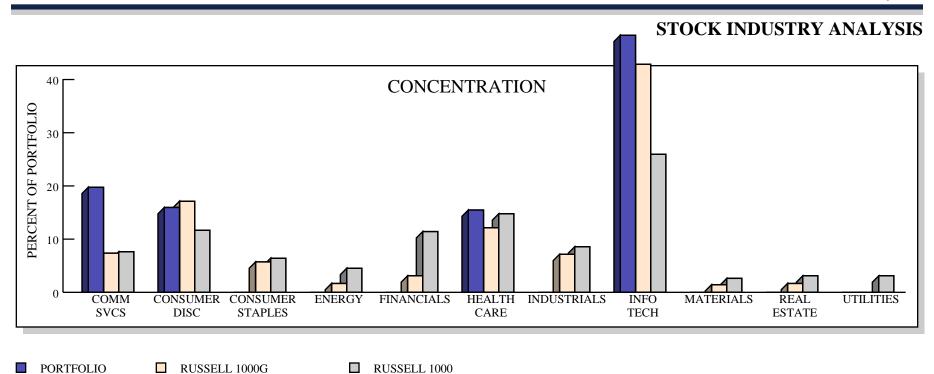


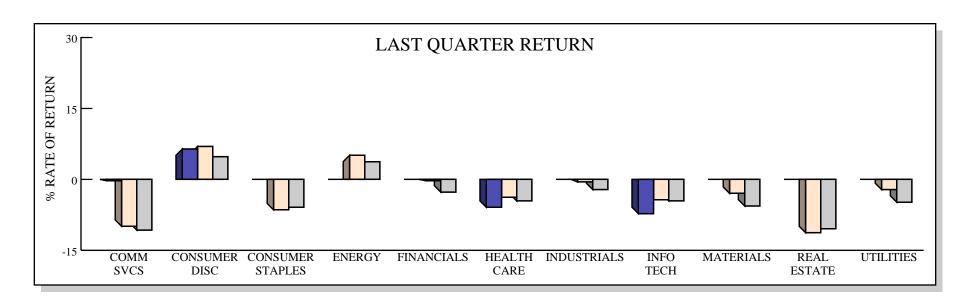


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	22	0.4%	5.7%	29.6	1.15	
RUSSELL 10000	G 518	1.1%	14.4%	29.3	1.12	
RUSSELL 1000	1,016	1.8%	9.4%	25.4	1.04	

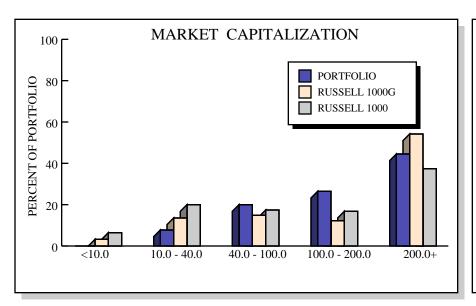


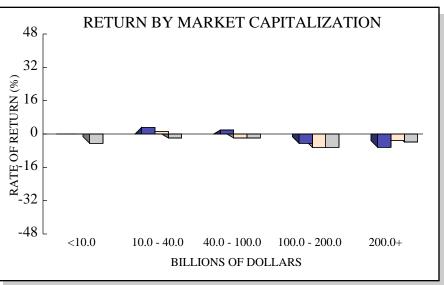






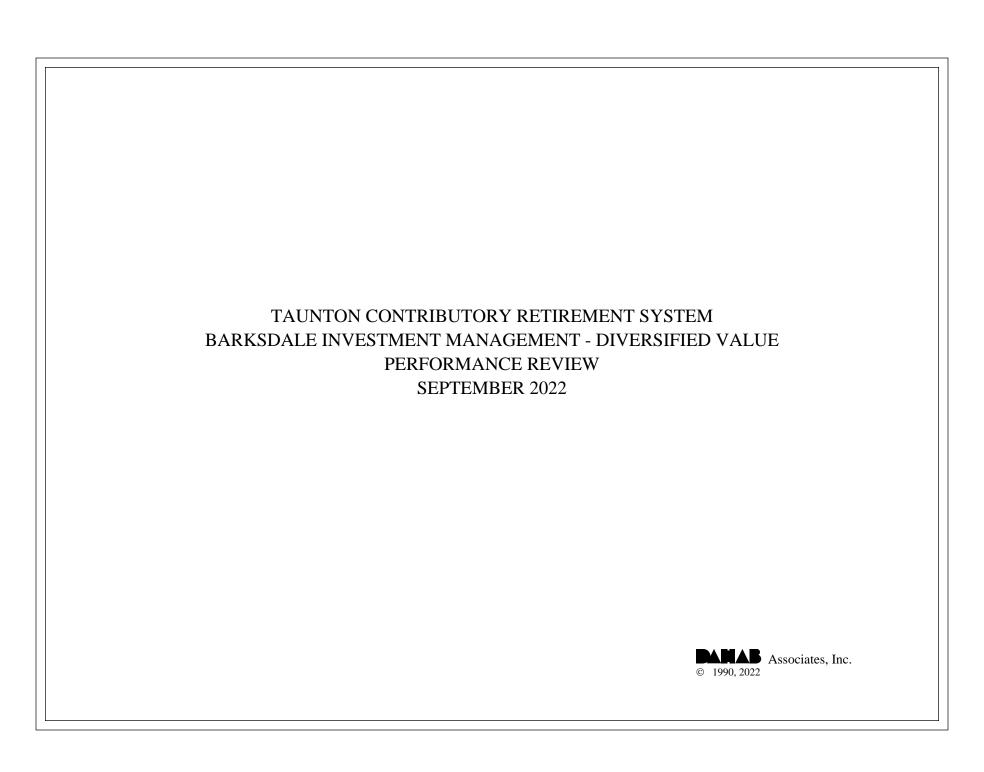
#### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	AMAZON.COM INC	\$ 2,126,999	10.00%	6.4%	Consumer Discretionary	\$ 1151.2 B
2	ALPHABET INC	1,915,308	9.01%	-12.1%	Communication Services	592.6 B
3	MICROSOFT CORP	1,412,306	6.64%	-9.1%	Information Technology	1736.9 B
4	NETFLIX INC	1,183,557	5.57%	34.6%	Communication Services	104.7 B
5	ADOBE INC	1,172,352	5.51%	-24.8%	Information Technology	127.9 B
6	META PLATFORMS INC	1,147,853	5.40%	-15.9%	Communication Services	364.6 B
7	SERVICENOW INC	1,143,403	5.38%	-20.6%	Information Technology	76.3 B
8	SALESFORCE INC	1,115,191	5.24%	-12.9%	Information Technology	143.8 B
9	MASTERCARD INC	990,925	4.66%	-9.7%	Information Technology	274.8 B
10	UNITEDHEALTH GROUP INC	964,626	4.54%	-1.4%	Health Care	472.4 B



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's Barksdale Investment Management Diversified Value portfolio was valued at \$29,714,764, a decrease of \$1,333,805 from the June ending value of \$31,048,569. Last quarter, the account recorded total net withdrawals of \$19,471 in addition to \$1,314,334 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$299,846 and realized and unrealized capital losses totaling \$1,614,180.

#### **RELATIVE PERFORMANCE**

During the third quarter, the Barksdale Investment Management Diversified Value portfolio lost 4.2%, which was 1.4% greater than the Russell 1000 Value Index's return of -5.6% and ranked in the 20th percentile of the Large Cap Value universe. Over the trailing year, the portfolio returned -4.8%, which was 6.6% greater than the benchmark's -11.4% performance, and ranked in the 12th percentile. Since March 2017, the account returned 8.6% per annum and ranked in the 11th percentile. For comparison, the Russell 1000 Value returned an annualized 5.6% over the same time frame.

#### **ASSET ALLOCATION**

At the end of the third quarter, large cap equities comprised 91.2% of the total portfolio (\$27.1 million), while cash & equivalents comprised the remaining 8.8% (\$2.6 million).

#### **HOLDINGS ANALYSIS**

At the end of the quarter, the Barksdale Investment Management Diversified Value portfolio was invested in all eleven industry sectors in our analysis. Regarding the Russell 1000 Value index, the portfolio was overweight in the Consumer Staples, Energy, Financials, Health Care, and Information Technology sectors. The remaining sectors were either underweight or closely matched to their index counterpart.

The portfolio outperformed the index last quarter in six of the eleven invested sectors. The Consumer Discretionary, Financials and Real Estate sectors were the showstoppers for the portfolio, with the Consumer Discretionary and Financials sectors both holding top ten stocks. There were also bright spots seen in the Industrials, Information Technology and Utilities sectors. Overall, the portfolio outpaced the index by 140 basis points.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/17	
Total Portfolio - Gross	-4.2	-13.1	-4.8	6.8	8.2	8.6	
LARGE CAP VALUE RANK	(20)	(22)	(12)	(40)	(22)	(11)	
Total Portfolio - Net	-4.3	-13.3	-5.0	6.5	7.9	8.3	
Russell 1000V	-5.6	-17.8	-11.4	4.4	5.3	5.6	
Large Cap Equity - Gross	-4.4	-13.3	-4.8	7.2	8.5	8.8	
LARGE CAP VALUE RANK	(22)	(24)	(12)	(33)	(18)	(9)	
Russell 1000V	-5.6	-17.8	-11.4	4.4	5.3	5.6	
Russell 1000G	-3.6	-30.7	-22.6	10.7	12.2	13.1	
Russell 1000	-4.6	-24.6	-17.2	7.9	9.0	9.6	

ASSET ALLOCATION						
Large Cap Equity Cash	91.2% 8.8%	\$ 27,086,331 2,628,433				
Total Portfolio	100.0%	\$ 29,714,764				

## INVESTMENT RETURN

 Market Value 6/2022
 \$ 31,048,569

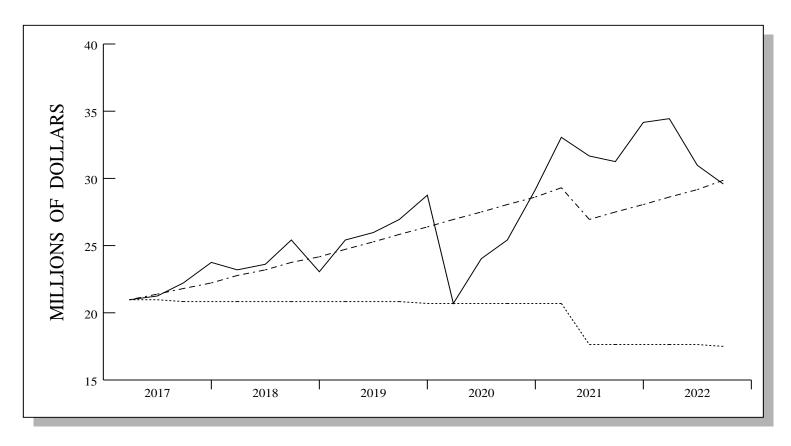
 Contribs / Withdrawals
 - 19,471

 Income
 299,846

 Capital Gains / Losses
 - 1,614,180

 Market Value 9/2022
 \$ 29,714,764

## **INVESTMENT GROWTH**

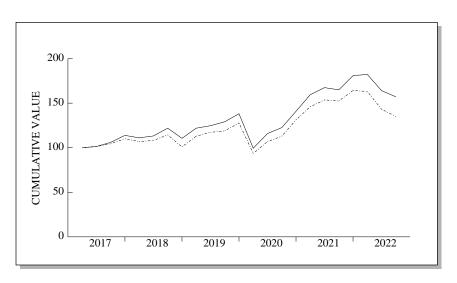


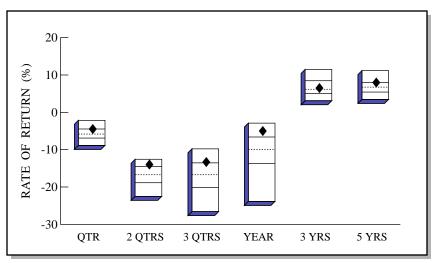
------ ACTUAL RETURN
------ 9.0%
------ 0.0%

VALUE ASSUMING
9.0% RETURN \$ 29,905,423

	LAST QUARTER	PERIOD 3/17 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 31,048,569 - 19,471 <u>- 1,314,334</u> \$ 29,714,764	\$ 20,977,401 - 3,352,114 12,089,477 \$ 29,714,764
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	299,846 -1,614,180 -1,314,334	4,966,002 7,123,475 12,089,477

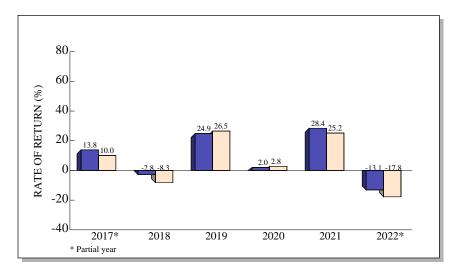
## TOTAL RETURN COMPARISONS





Large Cap Value Universe



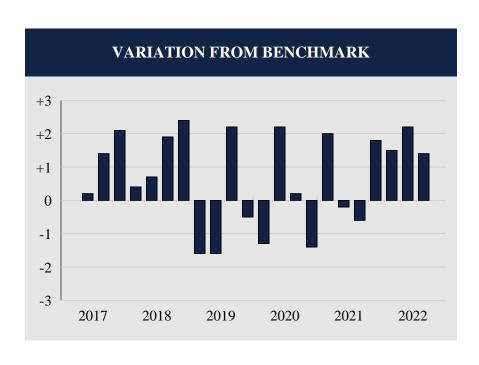


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-4.2	-13.8	-13.1	-4.8	6.8	8.2
(RANK)	(20)	(14)	(22)	(12)	(40)	(22)
5TH %ILE	-2.2	-12.6	-9.8	-2.9	11.5	11.2
25TH %ILE	-4.5	-14.5	-13.5	-6.6	8.5	8.0
MEDIAN	-5.8	-16.7	-16.7	-10.0	6.2	6.8
75TH %ILE	-6.9	-18.8	-20.2	-13.7	5.0	5.4
95TH %ILE	-8.9	-22.5	-26.6	-23.9	3.1	3.5
Russ 1000V	-5.6	-17.1	-17.8	-11.4	4.4	5.3

Large Cap Value Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: RUSSELL 1000 VALUE

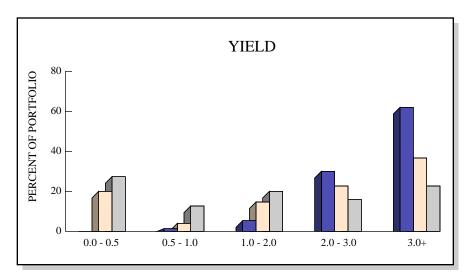


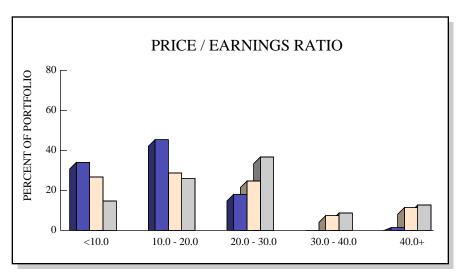
<b>Total Quarters Observed</b>	22
Quarters At or Above the Benchmark	15
Quarters Below the Benchmark	7
Batting Average	.682

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
6/17	1.5	1.3	0.2		
9/17	4.5	3.1	1.4		
12/17	7.4	5.3	2.1		
3/18	-2.4	-2.8	0.4		
6/18	1.9	1.2	0.7		
9/18	7.6	5.7	1.9		
12/18	-9.3	-11.7	2.4		
3/19	10.3	11.9	-1.6		
6/19	2.2	3.8	-1.6		
9/19	3.6	1.4	2.2		
12/19	6.9	7.4	-0.5		
3/20	-28.0	-26.7	-1.3		
6/20	16.5	14.3	2.2		
9/20	5.8	5.6	0.2		
12/20	14.9	16.3	-1.4		
3/21	13.3	11.3	2.0		
6/21	5.0	5.2	-0.2		
9/21	-1.4	-0.8	-0.6		
12/21	9.6	7.8	1.8		
3/22	0.8	-0.7	1.5		
6/22	-10.0	-12.2	2.2		
9/22	-4.2	-5.6	1.4		

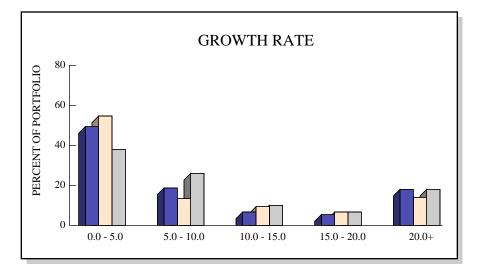
5

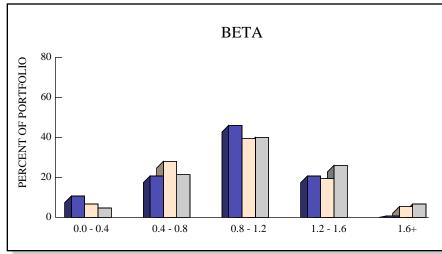
## STOCK CHARACTERISTICS



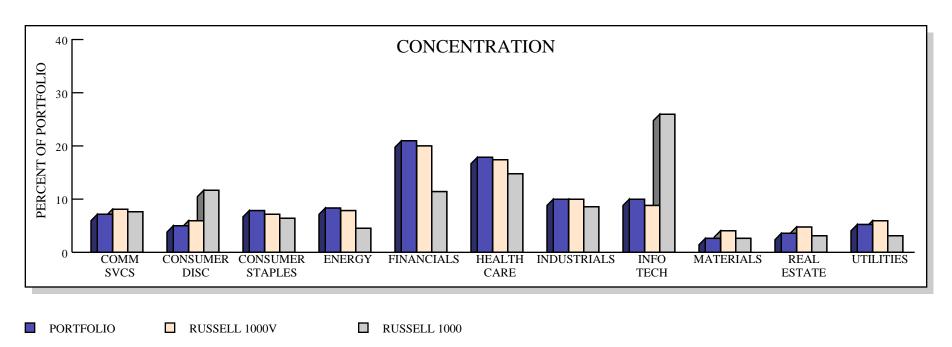


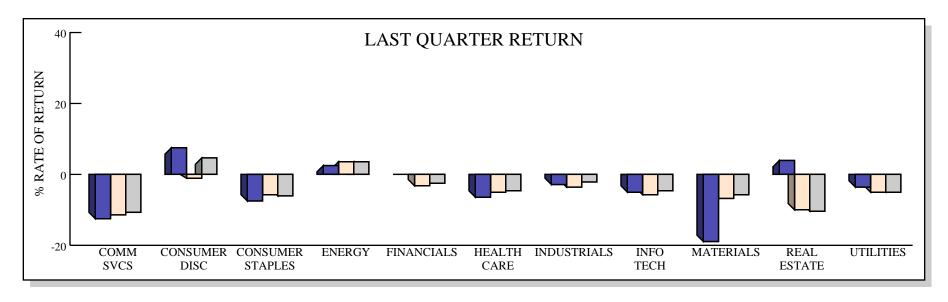
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	62	3.6%	5.5%	14.4	0.94	
RUSSELL 1000V	855	2.5%	4.1%	21.6	0.97	
RUSSELL 1000	1,016	1.8%	9.4%	25.4	1.04	



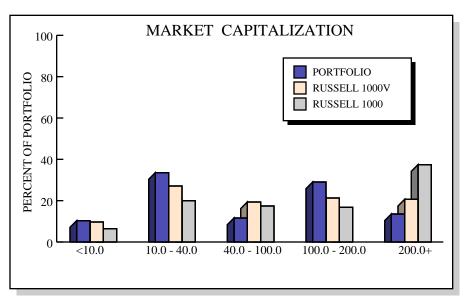


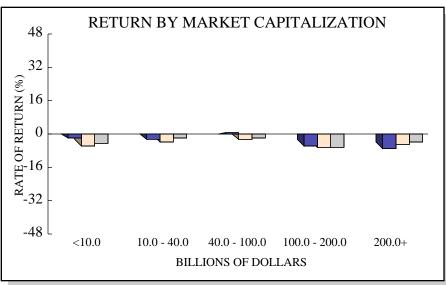
## STOCK INDUSTRY ANALYSIS





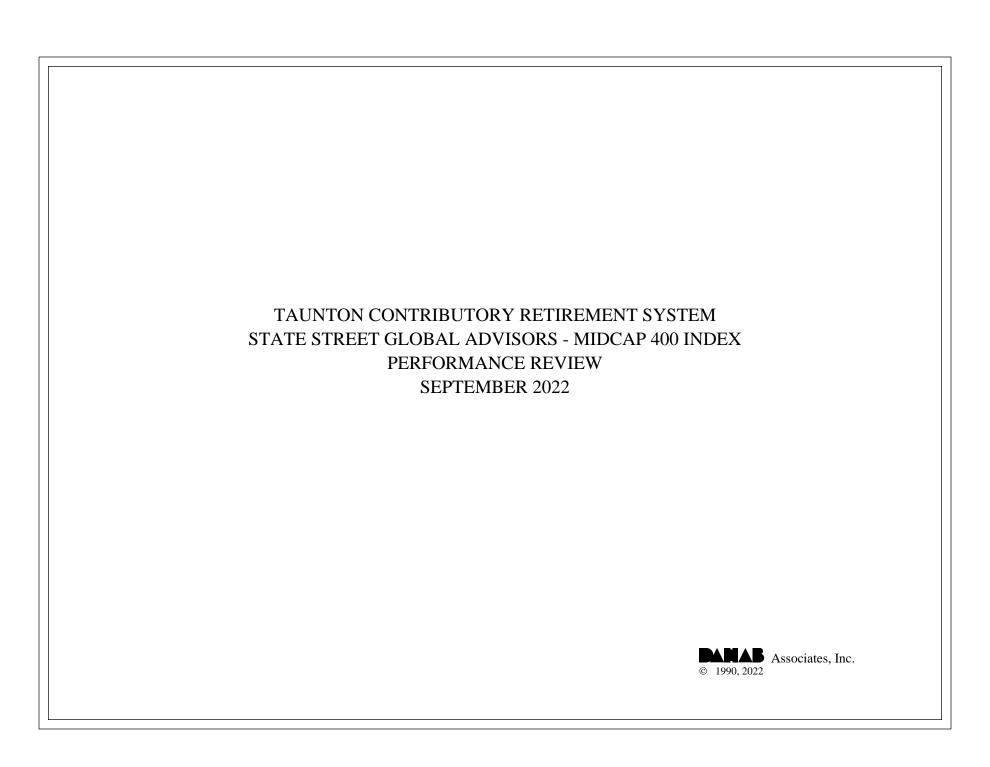
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	AMGEN INC	\$ 597,085	2.20%	-6.6%	Health Care	\$ 120.6 B
2	NEXSTAR MEDIA GROUP INC	592,651	2.19%	2.9%	Communication Services	6.5 B
3	GENUINE PARTS CO	588,918	2.17%	12.9%	Consumer Discretionary	21.1 B
4	AFLAC INC	574,420	2.12%	2.2%	Financials	35.5 B
5	OGE ENERGY CORP	568,047	2.10%	-4.4%	Utilities	7.3 B
6	CHEVRON CORP	540,774	2.00%	0.1%	Energy	281.2 B
7	MERCK & CO INC	534,461	1.97%	-4.8%	Health Care	218.2 B
8	METLIFE INC	527,084	1.95%	-2.4%	Financials	48.5 B
9	UNILEVER PLC	525,510	1.94%	-3.5%	Consumer Staples	111.5 B
10	CHARLES SCHWAB CORP	523,142	1.93%	14.1%	Financials	136.3 B



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's State Street Global Advisors Midcap 400 Index portfolio was valued at \$7,945,730, a decrease of \$201,621 from the June ending value of \$8,147,351. Last quarter, the account recorded total net withdrawals of \$1,088 in addition to \$200,533 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 2.5%, which was equal to the S&P 400 Index's return of -2.5% and ranked in the 38th percentile of the Mid Cap universe. Over the trailing twelve-month period, this portfolio returned -15.3%, which was 0.1% below the benchmark's -15.2% return, and ranked in the 47th percentile. Since September 2017, the portfolio returned 5.8% per annum and ranked in the 76th percentile. For comparison, the S&P 400 returned an annualized 5.8% 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		
Total Portfolio - Gross	-2.5	-21.5	-15.3	6.1	5.8		
MID CAP RANK	(38)	(41)	(47)	(50)	(76)		
Total Portfolio - Net	-2.5	-21.6	-15.3	6.0	5.8		
S&P 400	-2.5	-21.5	-15.2	6.0	5.8		
Mid Cap Equity - Gross	-2.5	-21.5	-15.3	6.1	5.8		
MID CAP RANK	(38)	(41)	(47)	(50)	(76)		
S&P 400	-2.5	-21.5	-15.2	6.0	5.8		

ASSET ALLOCATION					
Mid Cap Equity	100.0%	\$ 7,945,730			
Total Portfolio	100.0%	\$ 7,945,730			

## INVESTMENT RETURN

 Market Value 6/2022
 \$ 8,147,351

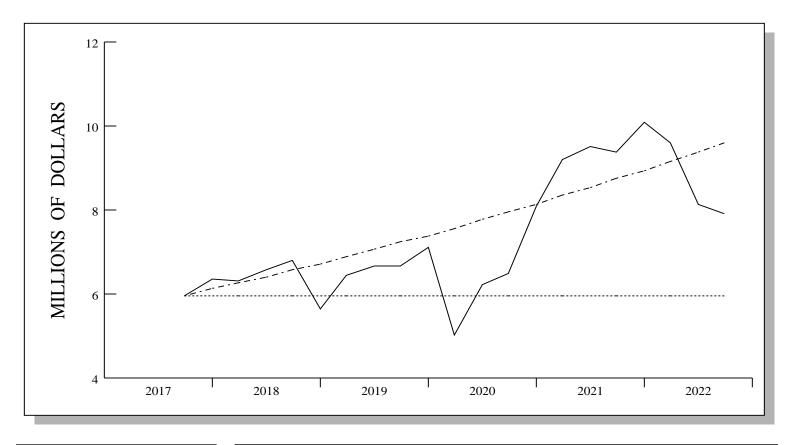
 Contribs / Withdrawals
 - 1,088

 Income
 0

 Capital Gains / Losses
 -200,533

 Market Value 9/2022
 \$ 7,945,730

## **INVESTMENT GROWTH**

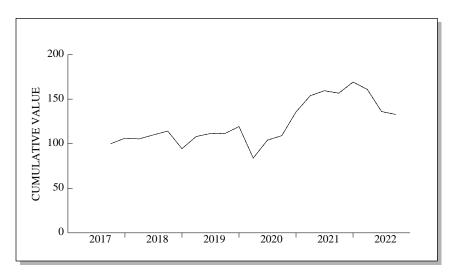


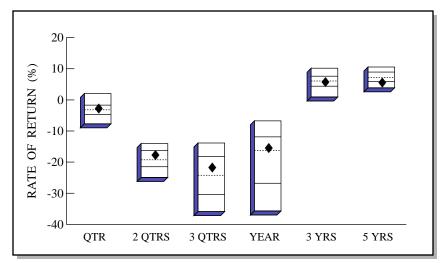
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 9,633,354

	LAST QUARTER	FIVE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 8,147,351 - 1,088 -200,533 \$ 7,945,730	\$ 5,995,802 - 18,389 <u>1,968,317</u> \$ 7,945,730
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{-200,533}$ $-200,533$	1,968,317 1,968,317

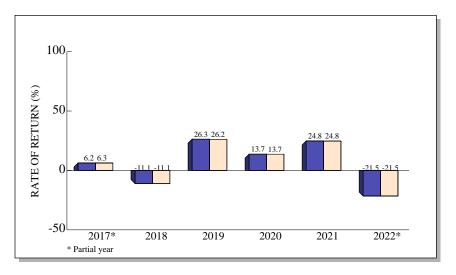
## TOTAL RETURN COMPARISONS





Mid Cap Universe



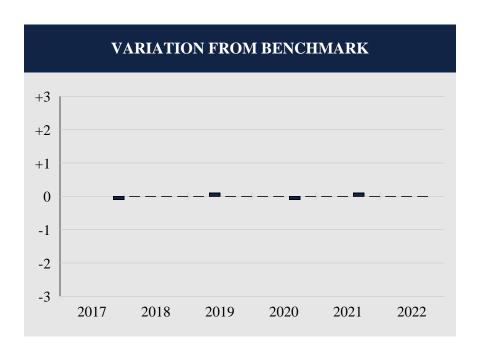


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-2.5	-17.5	-21.5	-15.3	6.1	5.8
(RANK)	(38)	(38)	(41)	(47)	(50)	(76)
5TH %ILE	2.0	-14.1	-13.9	-6.7	10.2	10.6
25TH %ILE	-1.7	-16.3	-18.3	-11.9	7.6	9.0
MEDIAN	-3.2	-19.3	-24.3	-16.3	6.1	7.1
75TH %ILE	-4.7	-21.5	-30.4	-26.8	4.4	5.9
95TH %ILE	-7.7	-24.9	-35.9	-35.7	0.9	3.9
S&P 400	-2.5	-17.5	-21.5	-15.2	6.0	5.8

Mid Cap Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

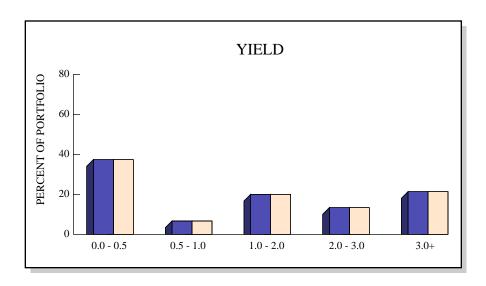
**COMPARATIVE BENCHMARK: S&P 400** 

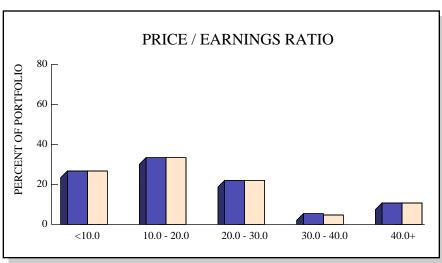


<b>Total Quarters Observed</b>	20
Quarters At or Above the Benchmark	18
Quarters Below the Benchmark	2
Batting Average	.900

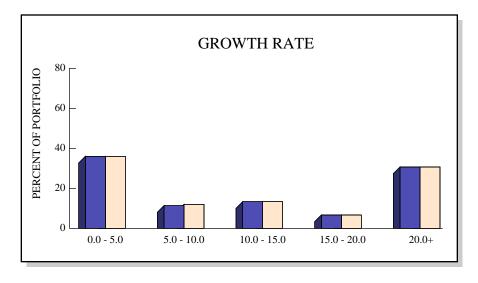
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	6.2	6.3	-0.1			
3/18	-0.8	-0.8	0.0			
6/18	4.3	4.3	0.0			
9/18	3.9	3.9	0.0			
12/18	-17.3	-17.3	0.0			
3/19	14.5	14.5	0.0			
6/19	3.1	3.0	0.1			
9/19	-0.1	-0.1	0.0			
12/19	7.1	7.1	0.0			
3/20	-29.7	-29.7	0.0			
6/20	24.1	24.1	0.0			
9/20	4.7	4.8	-0.1			
12/20	24.4	24.4	0.0			
3/21	13.5	13.5	0.0			
6/21	3.6	3.6	0.0			
9/21	-1.7	-1.8	0.1			
12/21	8.0	8.0	0.0			
3/22	-4.9	-4.9	0.0			
6/22	-15.4	-15.4	0.0			
9/22	-2.5	-2.5	0.0			

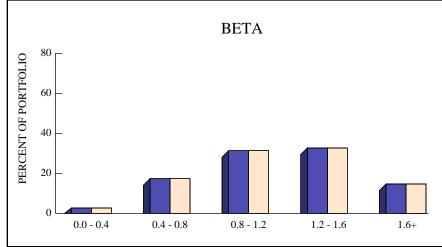
## STOCK CHARACTERISTICS



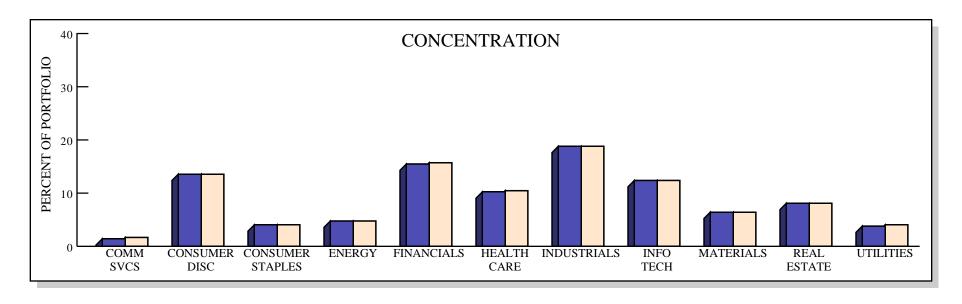


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	401	1.7%	11.7%	20.9	1.19	ŀ
S&P 400	401	1.7%	11.7%	20.9	1.19	ŀ

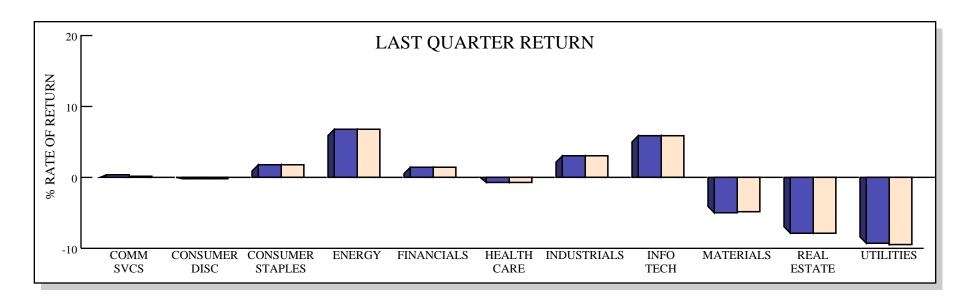




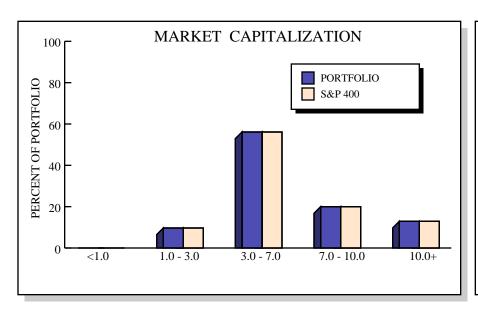
## STOCK INDUSTRY ANALYSIS

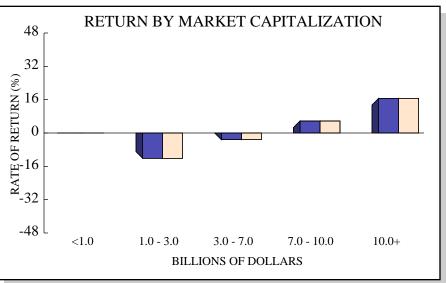






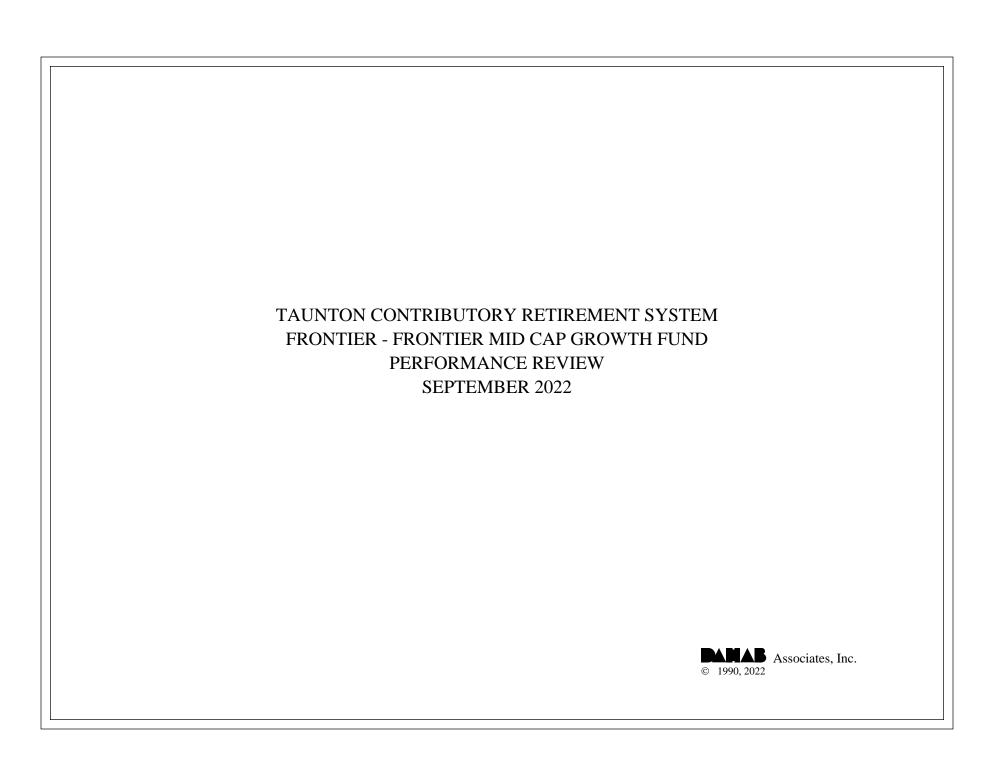
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	EQT CORP	\$ 63,285	.80%	18.9%	Energy	\$ 15.1 B
2	CARLISLE COMPANIES INC	60,849	.77%	17.8%	Industrials	14.5 B
3	TARGA RESOURCES CORP	57,383	.72%	1.7%	Energy	13.7 B
4	FIRST SOLAR INC	55,024	.69%	94.1%	Information Technology	14.1 B
5	WOLFSPEED INC	53,644	.68%	62.9%	Information Technology	12.8 B
6	STEEL DYNAMICS INC	51,652	.65%	7.8%	Materials	13.0 B
7	FIRST HORIZON CORP	51,571	.65%	5.4%	Financials	12.3 B
8	HUBBELL INC	50,175	.63%	25.5%	Industrials	12.0 B
9	ALLEGHANY CORP	47,005	.59%	0.8%	Financials	11.3 B
10	RPM INTERNATIONAL INC	45,071	.57%	6.4%	Materials	10.8 B



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's Frontier Frontier Mid Cap Growth Fund was valued at \$14,304,069, a decrease of \$165,269 from the June ending value of \$14,469,338. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$165,269. 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 1.0%, which was 0.3% less than the Russell Mid Cap Growth Index's return of -0.7% and ranked in the 40th percentile of the Mid Cap Growth universe. Over the trailing year, the portfolio returned -30.1%, which was 0.6% less than the benchmark's -29.5% performance, and ranked in the 55th percentile. Since June 2016, the account returned 9.2% per annum and ranked in the 65th percentile. For comparison, the Russell Mid Cap Growth returned an annualized 9.7% 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	-1.0	-31.8	-30.1	4.1	6.6	9.2	
MID CAP GROWTH RANK	(40)	(44)	(55)	(64)	(91)	(65)	
Total Portfolio - Net	-1.1	-32.2	-30.7	3.3	5.8	8.4	
Russ Mid Gro	-0.7	-31.5	-29.5	4.3	7.6	9.7	
Mid Cap Equity - Gross	-1.0	-31.8	-30.1	4.1	6.6	9.2	
MID CAP GROWTH RANK	(40)	(44)	(55)	(64)	(91)	(65)	
Russ Mid Gro	-0.7	-31.5	-29.5	4.3	7.6	9.7	
Russell Mid	-3.4	-24.3	-19.4	5.2	6.5	8.3	
S&P 400	-2.5	-21.5	-15.2	6.0	5.8	8.1	
Russ Mid Val	-4.9	-20.4	-13.6	4.5	4.7	6.6	

ASSET ALLOCATION					
Mid Cap Equity	100.0%	\$ 14,304,069			
Total Portfolio	100.0%	\$ 14,304,069			

## INVESTMENT RETURN

 Market Value 6/2022
 \$ 14,469,338

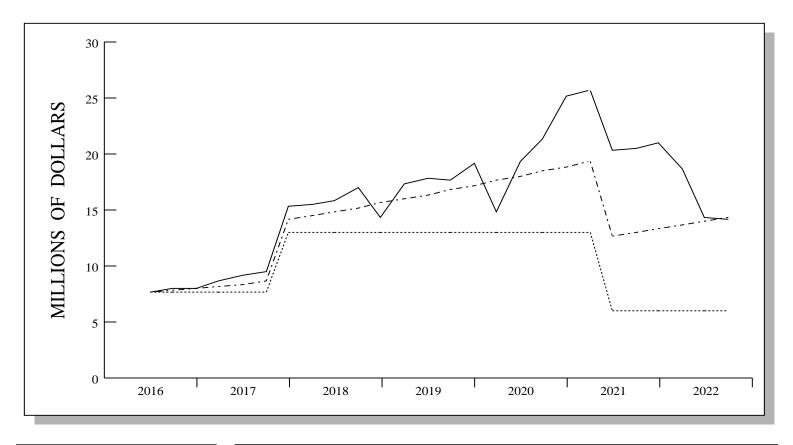
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 -165,269

 Market Value 9/2022
 \$ 14,304,069

## **INVESTMENT GROWTH**

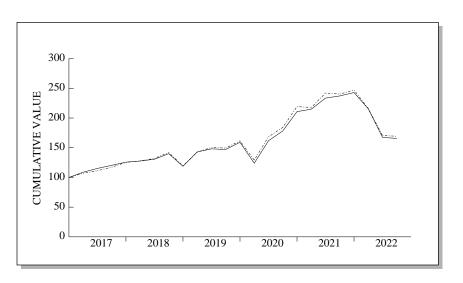


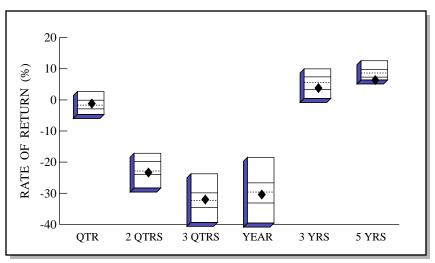
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 14,378,667

	LAST QUARTER	PERIOD 6/16 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 14,469,338 0 -165,269 \$ 14,304,069	\$ 7,713,995 -1,688,749 <u>8,278,823</u> \$ 14,304,069
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	-165,269 -165,269	52,291 8,226,532 8,278,823

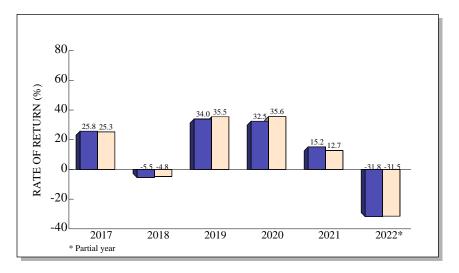
## TOTAL RETURN COMPARISONS





Mid Cap Growth Universe



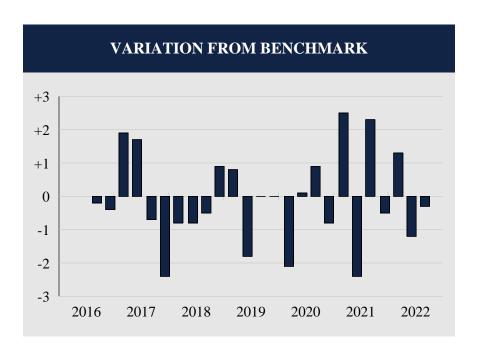


					ANNU <i>A</i>	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-1.0	-23.1	-31.8	-30.1	4.1	6.6
(RANK)	(40)	(57)	(44)	(55)	(64)	(91)
5TH %ILE	2.7	-17.2	-23.8	-18.5	10.0	12.6
25TH %ILE	-0.1	-19.9	-29.9	-26.7	7.4	9.8
MEDIAN	-1.7	-22.8	-32.3	-29.6	5.6	8.6
75TH %ILE	-2.9	-24.0	-34.6	-33.1	3.3	7.3
95TH %ILE	-4.7	-28.4	-39.4	-39.6	0.4	6.4
Russ MCG	-0.7	-21.6	-31.5	-29.5	4.3	7.6

Mid Cap Growth Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

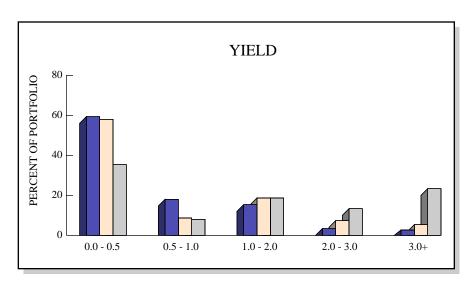
#### COMPARATIVE BENCHMARK: RUSSELL MID CAP GROWTH

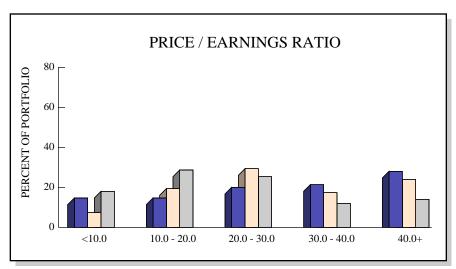


<b>Total Quarters Observed</b>	25
Quarters At or Above the Benchmark	11
<b>Quarters Below the Benchmark</b>	14
Batting Average	.440

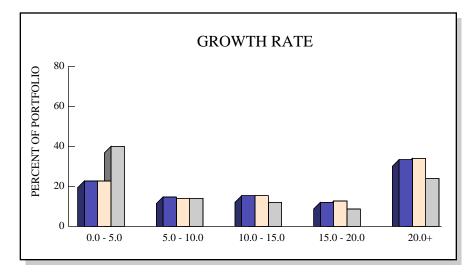
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/16	4.4	4.6	-0.2			
12/16	0.1	0.5	-0.4			
3/17	8.8	6.9	1.9			
6/17	5.9	4.2	1.7			
9/17	4.6	5.3	-0.7			
12/17	4.4	6.8	-2.4			
3/18	1.4	2.2	-0.8			
6/18	2.4	3.2	-0.8			
9/18	7.1	7.6	-0.5			
12/18	-15.1	-16.0	0.9			
3/19	20.4	19.6	0.8			
6/19	3.6	5.4	-1.8			
9/19	-0.7	-0.7	0.0			
12/19	8.2	8.2	0.0			
3/20	-22.1	-20.0	-2.1			
6/20	30.4	30.3	0.1			
9/20	10.3	9.4	0.9			
12/20	18.2	19.0	-0.8			
3/21	1.9	-0.6	2.5			
6/21	8.7	11.1	-2.4			
9/21	1.5	-0.8	2.3			
12/21	2.4	2.9	-0.5			
3/22	-11.3	-12.6	1.3			
6/22	-22.3	-21.1	-1.2			
9/22	-1.0	-0.7	-0.3			

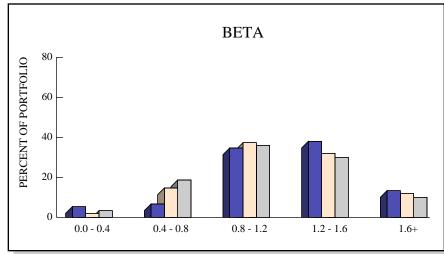
## STOCK CHARACTERISTICS



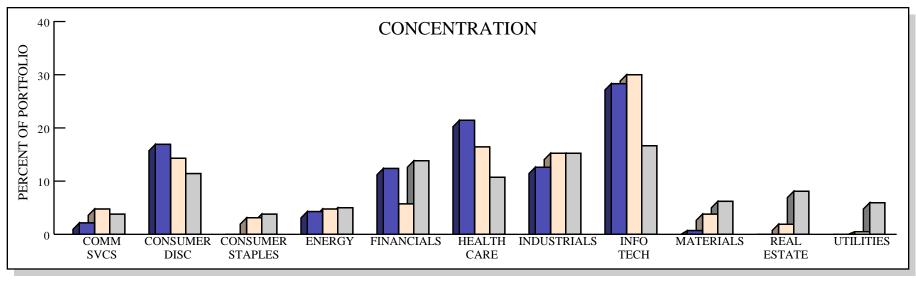


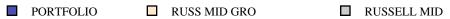
	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	88	0.6%	14.7%	32.3	1.23	
RUSS MID GRO	407	0.8%	18.5%	30.5	1.18	
RUSSELL MID	824	1.8%	10.3%	24.1	1.12	

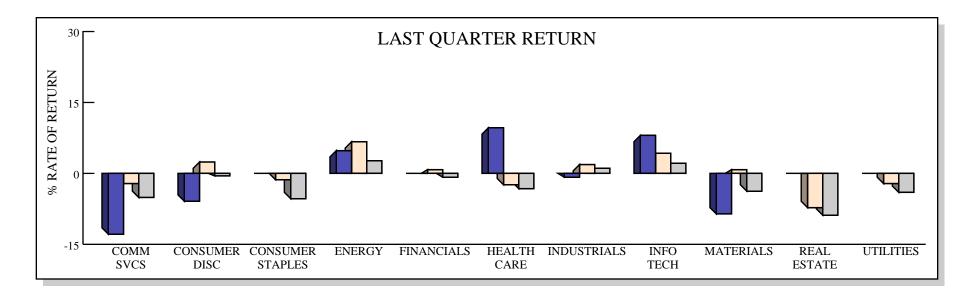




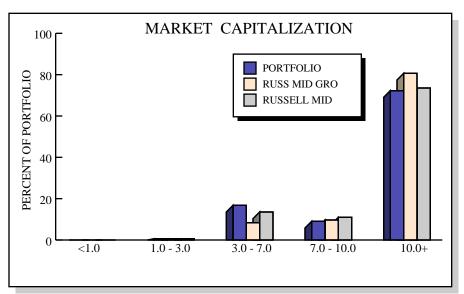
## STOCK INDUSTRY ANALYSIS

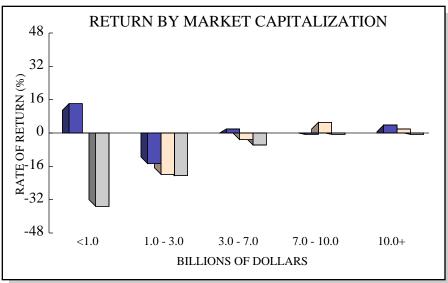






## **TOP TEN HOLDINGS**

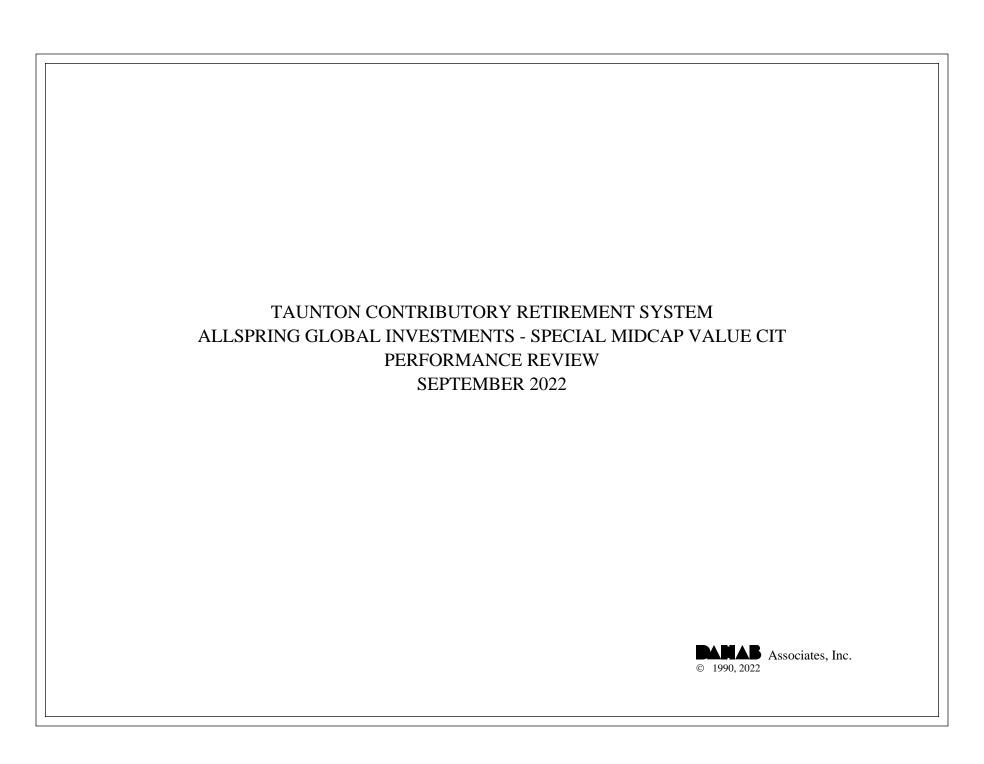




# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	MATTEL INC	\$ 522,933	3.66%	-15.2%	Consumer Discretionary	\$ 6.7 B
2	AON PLC	508,417	3.55%	-0.5%	Financials	56.5 B
3	COTERRA ENERGY INC	508,243	3.55%	3.6%	Energy	20.8 B
4	PALO ALTO NETWORKS INC	464,470	3.25%	-0.4%	Information Technology	49.0 B
5	LPL FINANCIAL HOLDINGS INC	356,341	2.49%	18.6%	Financials	17.4 B
6	CINTAS CORP	348,206	2.43%	4.2%	Industrials	39.6 B
7	EPAM SYSTEMS INC	330,317	2.31%	22.9%	Information Technology	20.8 B
8	PAYCOM SOFTWARE INC	312,831	2.19%	17.8%	Information Technology	19.8 B
9	WOLFSPEED INC	304,085	2.13%	62.9%	Information Technology	12.8 B
10	SIGNIFY HEALTH INC	293,803	2.05%	111.2%	Health Care	6.9 B

8



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's Allspring Global Investments Special MidCap Value CIT portfolio was valued at \$14,639,671, a decrease of \$3,199,762 from the June ending value of \$17,839,433. Last quarter, the account recorded total net withdrawals of \$2,500,000 in addition to \$699,762 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**

In November 2021, the Wells Fargo Asset Management division (WFAM) of Wells Fargo & Company became an independent operator and was renamed Allspring Global Investments. This report is consistent with the changeover and has renamed investment products accordingly.

During the third quarter, the Allspring Global Investments Special MidCap Value CIT portfolio lost 4.8%, which was 0.1% greater than the Russell Mid Cap Value Index's return of -4.9% and ranked in the 52nd percentile of the Mid Cap Value universe. Over the trailing twelve-month period, this portfolio returned -7.6%, which was 6.0% above the benchmark's -13.6% return, and ranked in the 26th percentile. Since June 2016, the portfolio returned 9.2% per annum and ranked in the 12th percentile. For comparison, the Russell Mid Cap Value returned an annualized 6.6% over the same period.

#### ASSET ALLOCATION

This account was fully invested in the Allspring Global Investments Special U.S. Mid Cap Value CIT fund.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY										
Quarter YTD 1 Year 3 Year 5 Year Since 06/1										
Total Portfolio - Gross	-4.8	-16.0	-7.6	6.6	7.2	9.2				
MID CAP VALUE RANK	(52)	(40)	(26)	(49)	(23)	(12)				
<b>Fotal Portfolio - Net</b> -4.9 -16.3 -8.1 6.1 6.5 8.5										
Russ Mid Val	-4.9	-20.4	-13.6	4.5	4.7	6.6				
Mid Cap Equity - Gross	-4.8	-16.0	-7.6	6.6	7.3	9.3				
MID CAP VALUE RANK	(52)	(40)	(26)	(49)	(21)	(11)				
Russ Mid Val	-4.9	-20.4	-13.6	4.5	4.7	6.6				
Russell Mid	-3.4	-24.3	-19.4	5.2	6.5	8.3				
Russ Mid Gro	-0.7	-31.5	-29.5	4.3	7.6	9.7				

ASSET ALLOCATION							
Mid Cap Equity	100.0%	\$ 14,639,671					
Total Portfolio	100.0%	\$ 14,639,671					

## INVESTMENT RETURN

 Market Value 6/2022
 \$ 17,839,433

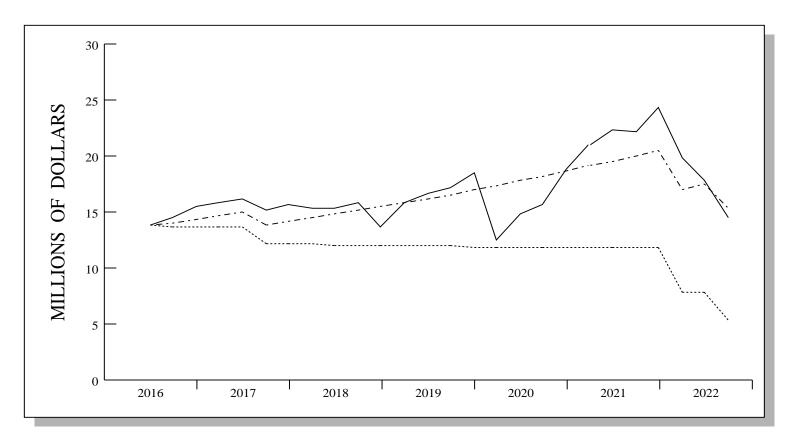
 Contribs / Withdrawals
 - 2,500,000

 Income
 0

 Capital Gains / Losses
 -699,762

 Market Value 9/2022
 \$ 14,639,671

## **INVESTMENT GROWTH**

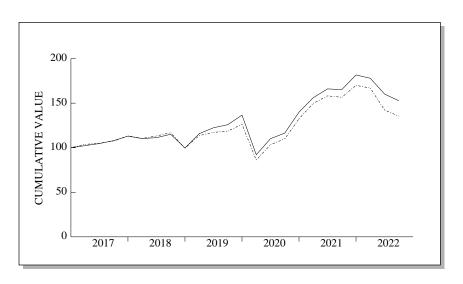


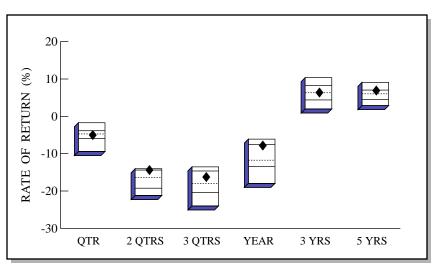
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 15,414,829

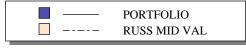
	LAST QUARTER	PERIOD 6/16 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 17,839,433 - 2,500,000 -699,762 \$ 14,639,671	\$ 13,846,726 - 8,365,226 <u>9,158,171</u> \$ 14,639,671
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{-699,762}$ $-699,762$	906,559 8,251,612 9,158,171

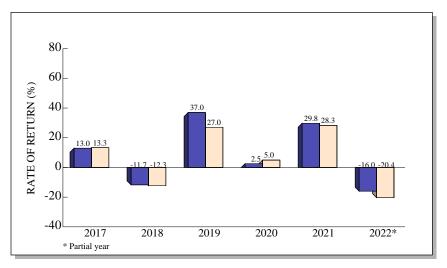
## TOTAL RETURN COMPARISONS





Mid Cap Value Universe



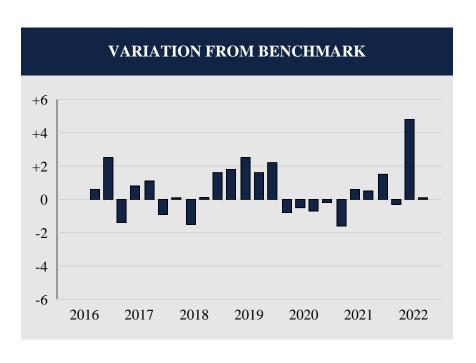


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-4.8	-14.2	-16.0	-7.6	6.6	7.2
(RANK)	(52)	(15)	(40)	(26)	(49)	(23)
5TH %ILE	-1.7	-14.0	-13.5	-6.1	10.3	9.1
25TH %ILE	-3.8	-14.4	-14.7	-7.5	8.3	7.0
MEDIAN	-4.7	-16.4	-18.0	-11.7	6.3	6.1
75TH %ILE	-6.0	-19.3	-20.4	-13.5	4.4	4.5
95TH %ILE	-9.4	-21.2	-24.0	-18.0	2.0	2.9
Russ MCV	-4.9	-18.9	-20.4	-13.6	4.5	4.7

Mid Cap Value Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: RUSSELL MID CAP VALUE

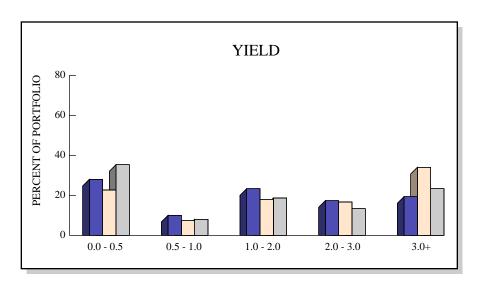


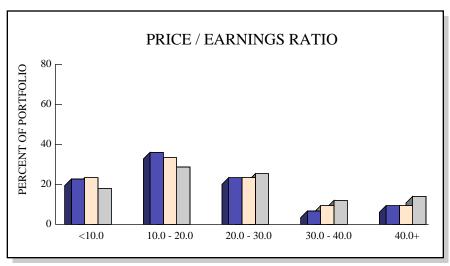
<b>Total Quarters Observed</b>	25
Quarters At or Above the Benchmark	16
Quarters Below the Benchmark	9
Batting Average	.640

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/16	5.0	4.4	0.6				
12/16	8.0	5.5	2.5				
3/17	2.4	3.8	-1.4				
6/17	2.2	1.4	0.8				
9/17	3.2	2.1	1.1				
12/17	4.6	5.5	-0.9				
3/18	-2.4	-2.5	0.1				
6/18	0.9	2.4	-1.5				
9/18	3.4	3.3	0.1				
12/18	-13.4	-15.0	1.6				
3/19	16.2	14.4	1.8				
6/19	5.7	3.2	2.5				
9/19	2.8	1.2	1.6				
12/19	8.5	6.3	2.2				
3/20	-32.5	-31.7	-0.8				
6/20	19.4	19.9	-0.5				
9/20	5.7	6.4	-0.7				
12/20	20.2	20.4	-0.2				
3/21	11.5	13.1	-1.6				
6/21	6.3	5.7	0.6				
9/21	-0.5	-1.0	0.5				
12/21	10.0	8.5	1.5				
3/22	-2.1	-1.8	-0.3				
6/22	-9.9	-14.7	4.8				
9/22	-4.8	-4.9	0.1				

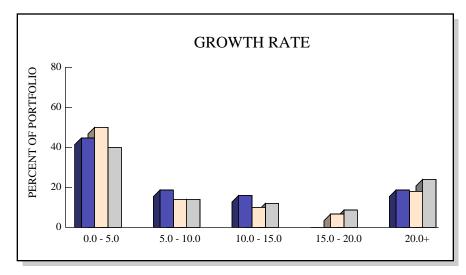
5

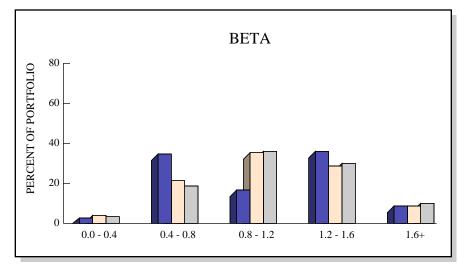
## STOCK CHARACTERISTICS



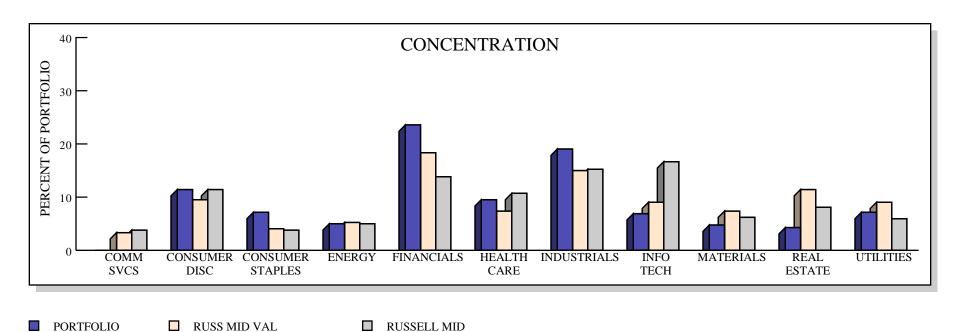


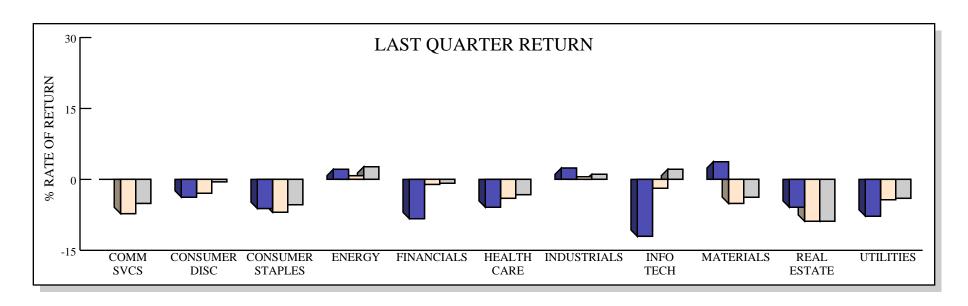
	# HOLDINGS	YIELD	GROWTH	P/E	BETA
PORTFOLIO	57	1.7%	7.5%	20.4	1.07
RUSS MID VAL	702	2.3%	5.7%	21.0	1.08
RUSSELL MID	824	1.8%	10.3%	24.1	1.12



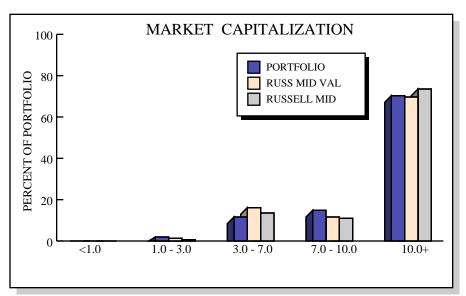


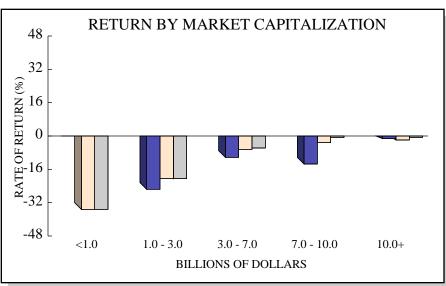
## STOCK INDUSTRY ANALYSIS





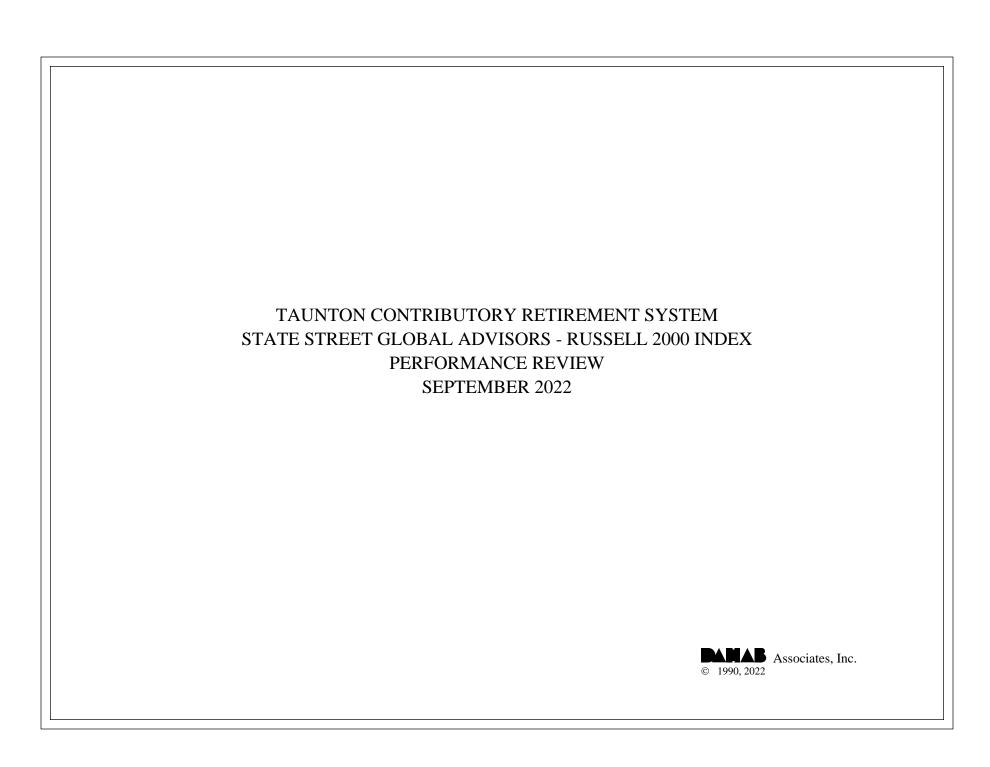
## **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	ANNALY CAPITAL MANAGEMENT IN	\$ 1,052,972	7.19%	-23.8%	Financials	\$ 7.6 B
2	CARLISLE COMPANIES INC	686,444	4.69%	17.8%	Industrials	14.5 B
3	REPUBLIC SERVICES INC	576,401	3.94%	4.3%	Industrials	43.0 B
4	ARCH CAPITAL GROUP LTD	550,123	3.76%	0.1%	Financials	16.8 B
5	LKQ CORP	501,912	3.43%	-3.5%	Consumer Discretionary	12.9 B
6	AMDOCS LTD	474,714	3.24%	-4.2%	Information Technology	9.7 B
7	BROWN & BROWN INC	473,256	3.23%	3.8%	Financials	17.1 B
8	HUMANA INC	430,849	2.94%	3.8%	Health Care	61.4 B
9	AERCAP HOLDINGS NV	419,406	2.86%	3.4%	Industrials	10.4 B
10	KEURIG DR PEPPER INC	414,473	2.83%	1.8%	Consumer Staples	50.7 B



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's State Street Global Advisors Russell 2000 Index portfolio was valued at \$11,607,766, a decrease of \$252,334 from the June ending value of \$11,860,100. Last quarter, the account recorded total net withdrawals of \$1,570 in addition to \$250,764 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 2.1%, which was 0.1% greater than the Russell 2000 Index's return of -2.2% and ranked in the 33rd percentile of the Small Cap universe. Over the trailing twelve-month period, this portfolio returned -23.4%, which was 0.1% above the benchmark's -23.5% return, and ranked in the 66th percentile. Since September 2017, the portfolio returned 3.6% per annum and ranked in the 79th percentile. For comparison, the Russell 2000 returned an annualized 3.5% 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	
Total Portfolio - Gross	-2.1	-25.0	-23.4	4.4	3.6	
SMALL CAP RANK	(33)	(55)	(66)	(76)	(79)	
Total Portfolio - Net	-2.1	-25.1	-23.4	4.3	3.6	
Russell 2000	-2.2	-25.1	-23.5	4.3	3.5	
Small Cap Equity - Gross	-2.1	-25.0	-23.4	4.4	3.6	
SMALL CAP RANK	(33)	(55)	(66)	(76)	(79)	
Russell 2000	-2.2	-25.1	-23.5	4.3	3.5	

ASSET ALLOCATION					
Small Cap	100.0%	\$ 11,607,766			
Total Portfolio	100.0%	\$ 11,607,766			

### INVESTMENT RETURN

 Market Value 6/2022
 \$ 11,860,100

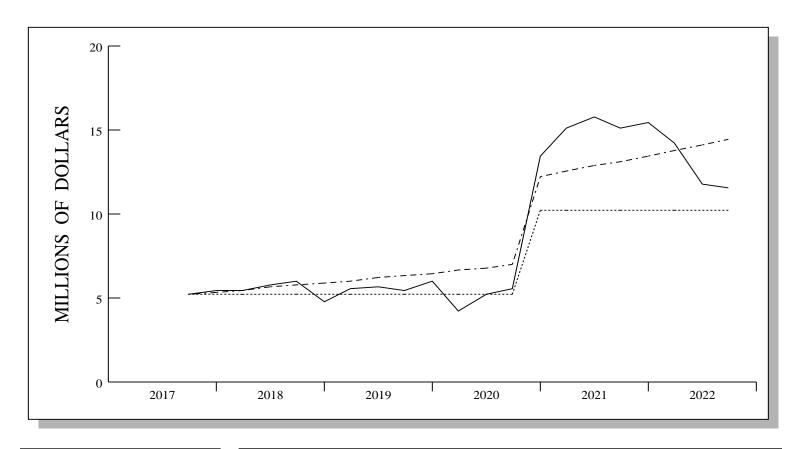
 Contribs / Withdrawals
 - 1,570

 Income
 0

 Capital Gains / Losses
 -250,764

 Market Value 9/2022
 \$ 11,607,766

### **INVESTMENT GROWTH**



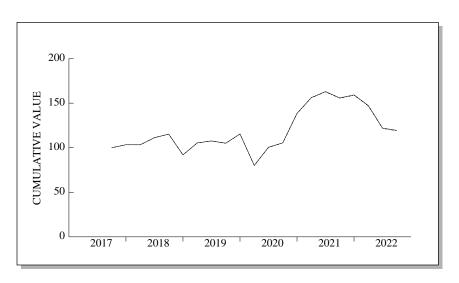
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

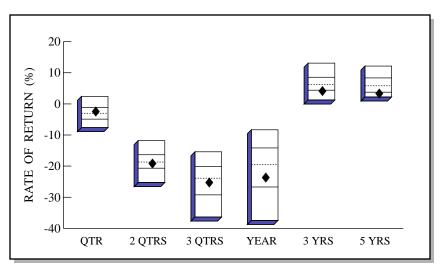
VALUE ASSUMING 10.0% RETURN \$ 14,509,937

	LAST QUARTER	FIVE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 11,860,100 - 1,570 -250,764 \$ 11,607,766	\$ 5,282,771 4,979,714 1,345,281 \$ 11,607,766
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -250,764 \\ \hline -250,764 \end{array} $	$ \begin{array}{c} 0 \\ \underline{1,345,281} \\ 1,345,281 \end{array} $

3

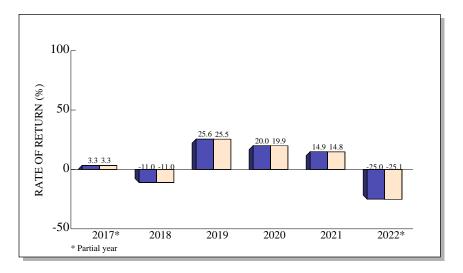
## TOTAL RETURN COMPARISONS





Small Cap Universe





					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	-2.1	-19.0	-25.0	-23.4	4.4	3.6
(RANK)	(33)	(54)	(55)	(66)	(76)	(79)
5TH %ILE	2.4	-11.8	-15.4	-8.3	13.1	12.2
25TH %ILE	-1.1	-16.3	-20.1	-14.2	8.6	8.3
MEDIAN	-3.0	-18.7	-23.9	-19.5	6.2	5.8
75TH %ILE	-4.9	-20.7	-29.3	-26.7	4.4	3.7
95TH %ILE	-7.7	-25.3	-36.4	-37.5	1.2	2.2
Russ 2000	-2.2	-19.0	-25.1	-23.5	4.3	3.5

Small Cap Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

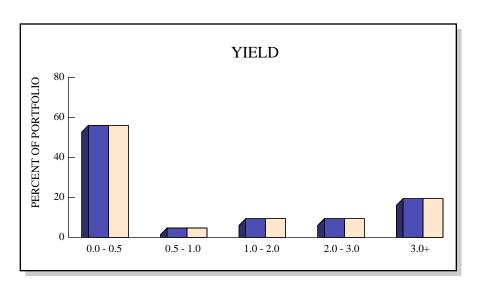
**COMPARATIVE BENCHMARK: RUSSELL 2000** 

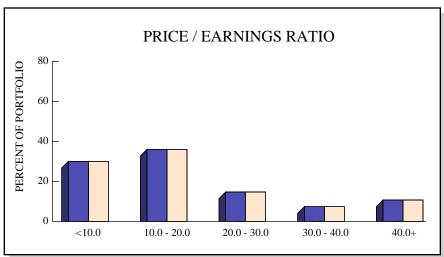


<b>Total Quarters Observed</b>	20
Quarters At or Above the Benchmark	19
Quarters Below the Benchmark	1
Batting Average	.950

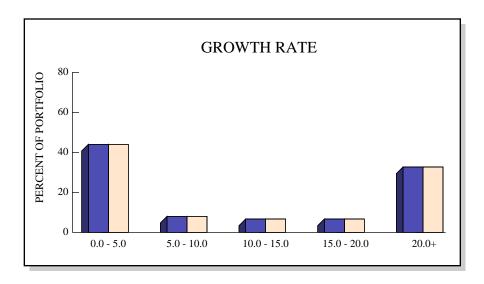
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	3.3	3.3	0.0			
3/18	-0.1	-0.1	0.0			
6/18	7.7	7.8	-0.1			
9/18	3.6	3.6	0.0			
12/18	-20.2	-20.2	0.0			
3/19	14.6	14.6	0.0			
6/19	2.1	2.1	0.0			
9/19	-2.4	-2.4	0.0			
12/19	9.9	9.9	0.0			
3/20	-30.6	-30.6	0.0			
6/20	25.4	25.4	0.0			
9/20	4.9	4.9	0.0			
12/20	31.4	31.4	0.0			
3/21	12.7	12.7	0.0			
6/21	4.3	4.3	0.0			
9/21	-4.4	-4.4	0.0			
12/21	2.2	2.1	0.1			
3/22	-7.5	-7.5	0.0			
6/22	-17.2	-17.2	0.0			
9/22	-2.1	-2.2	0.1			

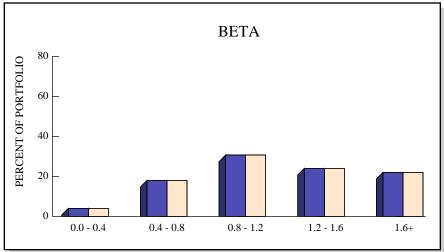
### STOCK CHARACTERISTICS



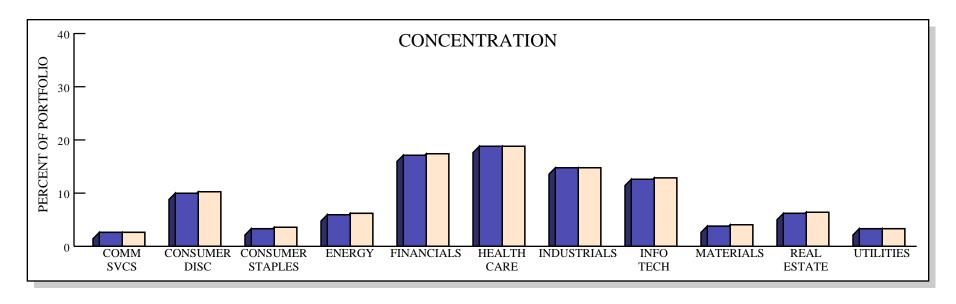


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	1,971	1.5%	10.8%	20.3	1.22	
RUSSELL 2000	1,971	1.5%	10.8%	20.3	1.22	

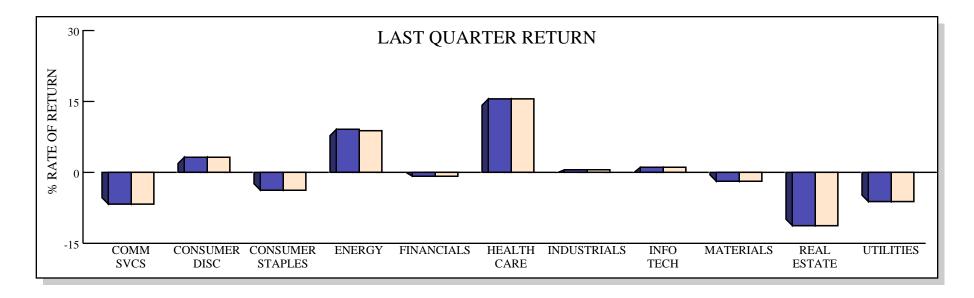




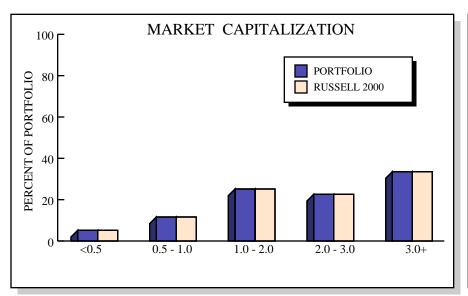
### STOCK INDUSTRY ANALYSIS

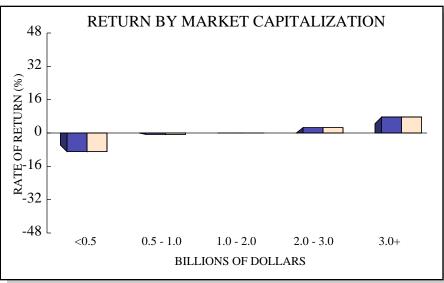


■ PORTFOLIO ■ RUSSELL 2000



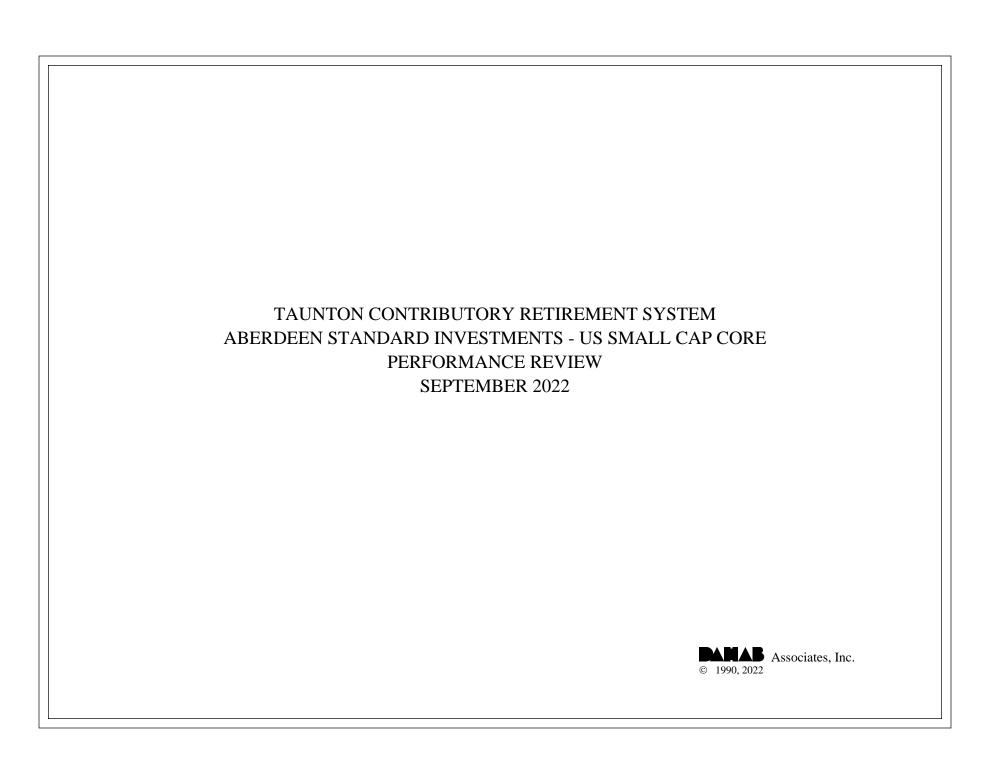
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	SHOCKWAVE MEDICAL INC	\$ 52,833	.46%	45.5%	Health Care	\$ 10.0 B
2	BIOHAVEN PHARMACEUTICAL HOLD	50,793	.44%	3.8%	Health Care	10.8 B
3	CHART INDUSTRIES INC	36,133	.31%	10.1%	Industrials	6.8 B
4	KARUNA THERAPEUTICS INC	35,764	.31%	77.8%	Health Care	7.6 B
5	APELLIS PHARMACEUTICALS INC	34,082	.29%	51.0%	Health Care	7.5 B
6	MURPHY USA INC	31,615	.27%	18.2%	Consumer Discretionary	6.4 B
7	RBC BEARINGS INC	31,587	.27%	12.4%	Industrials	6.0 B
8	SOUTHSTATE CORP	31,569	.27%	3.2%	Financials	6.0 B
9	TEXAS ROADHOUSE INC	31,152	.27%	19.8%	Consumer Discretionary	5.8 B
10	CHORD ENERGY CORP	30,226	.26%	29.5%	Energy	5.7 B



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's Aberdeen Standard Investments US Small Cap Core portfolio was valued at \$20,972,385, a decrease of \$747,191 from the June ending value of \$21,719,576. Last quarter, the account recorded total net withdrawals of \$28,810 in addition to \$718,381 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 Aberdeen Standard Investments US Small Cap Core portfolio lost 3.3%, which was 1.1% less than the Russell 2000 Index's return of -2.2% and ranked in the 54th percentile of the Small Cap universe. Over the trailing twelve-month period, this portfolio returned -23.8%, which was 0.3% below the benchmark's -23.5% return, and ranked in the 70th percentile. Since June 2017, the portfolio returned 7.6% per annum and ranked in the 30th percentile. For comparison, the Russell 2000 returned an annualized 4.5% over the same period.

#### **ASSET ALLOCATION**

This account was fully invested in 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	-3.3	-29.9	-23.8	8.4	6.7	7.6		
SMALL CAP RANK	(54)	(78)	(70)	(26)	(39)	(30)		
Total Portfolio - Net	-3.4	-30.1	-24.2	7.9	6.2	7.0		
Russell 2000	-2.2	-25.1	-23.5	4.3	3.5	4.5		
Small Cap Equity - Gross	-3.3	-29.9	-23.8	8.4	6.7	7.6		
SMALL CAP RANK	(54)	(78)	(70)	(26)	(39)	(30)		
Russell 2000	-2.2	-25.1	-23.5	4.3	3.5	4.5		

ASSET ALLOCATION					
Small Cap	100.0%	\$ 20,972,385			
Total Portfolio	100.0%	\$ 20,972,385			

### INVESTMENT RETURN

 Market Value 6/2022
 \$ 21,719,576

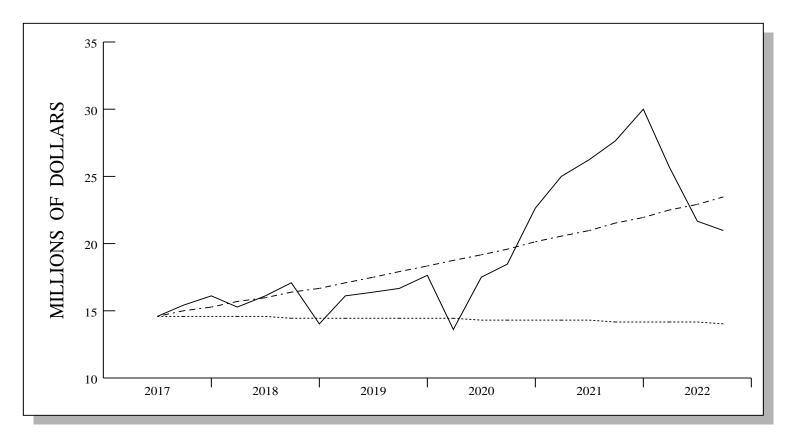
 Contribs / Withdrawals
 - 28,810

 Income
 0

 Capital Gains / Losses
 -718,381

 Market Value 9/2022
 \$ 20,972,385

### **INVESTMENT GROWTH**

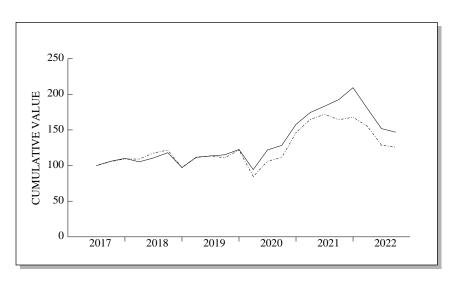


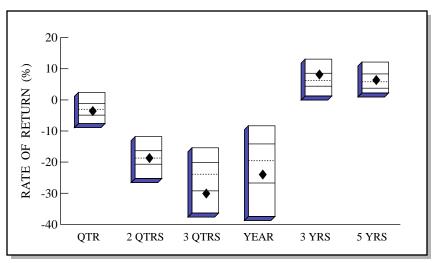
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING
10.0% RETURN \$ 23,554,333

	LAST QUARTER	PERIOD 6/17 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$\ 21,719,576 \\ -\ 28,810 \\ -718,381 \\ \hline \$\ 20,972,385 \end{array}$	\$ 14,689,066 -532,900 6,816,219 \$ 20,972,385
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -718,381 \\ \hline -718,381 \end{array} $	153,627 6,662,592 6,816,219

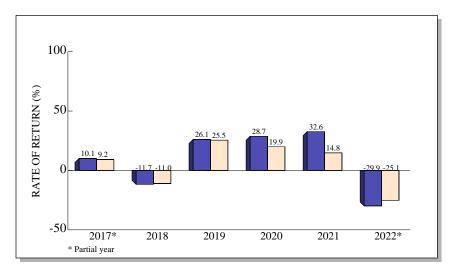
## TOTAL RETURN COMPARISONS





Small Cap Universe



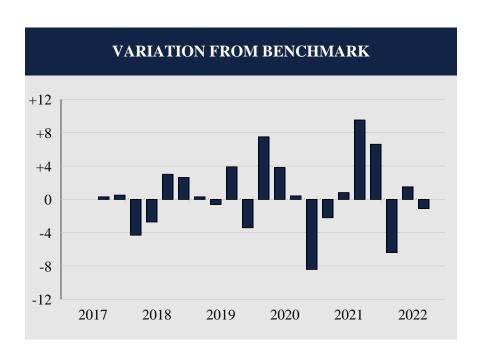


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-3.3	-18.5	-29.9	-23.8	8.4	6.7
(RANK)	(54)	(47)	(78)	(70)	(26)	(39)
5TH %ILE	2.4	-11.8	-15.4	-8.3	13.1	12.2
25TH %ILE	-1.1	-16.3	-20.1	-14.2	8.6	8.3
MEDIAN	-3.0	-18.7	-23.9	-19.5	6.2	5.8
75TH %ILE	-4.9	-20.7	-29.3	-26.7	4.4	3.7
95TH %ILE	-7.7	-25.3	-36.4	-37.5	1.2	2.2
Russ 2000	-2.2	-19.0	-25.1	-23.5	4.3	3.5

Small Cap Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

**COMPARATIVE BENCHMARK: RUSSELL 2000** 

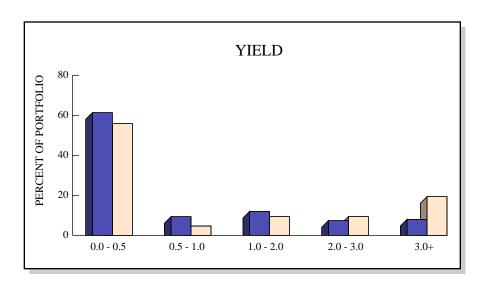


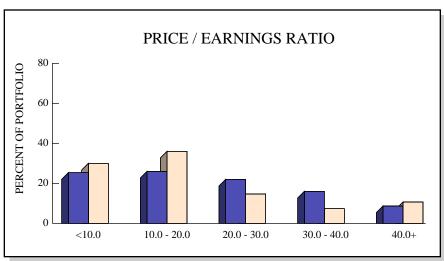
<b>Total Quarters Observed</b>	21
Quarters At or Above the Benchmark	13
Quarters Below the Benchmark	8
Batting Average	.619

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		
12/19	6.5	9.9	-3.4		
3/20	-23.1	-30.6	7.5		
6/20	29.2	25.4	3.8		
9/20	5.3	4.9	0.4		
12/20	23.0	31.4	-8.4		
3/21	10.5	12.7	-2.2		
6/21	5.1	4.3	0.8		
9/21	5.1	-4.4	9.5		
12/21	8.7	2.1	6.6		
3/22	-13.9	-7.5	-6.4		
6/22	-15.7	-17.2	1.5		
9/22	-3.3	-2.2	-1.1		

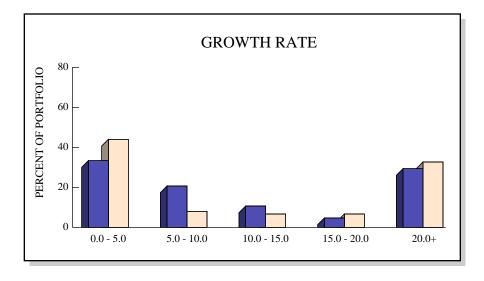
5

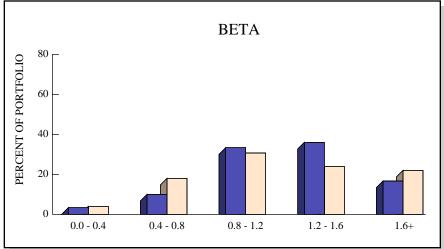
### STOCK CHARACTERISTICS



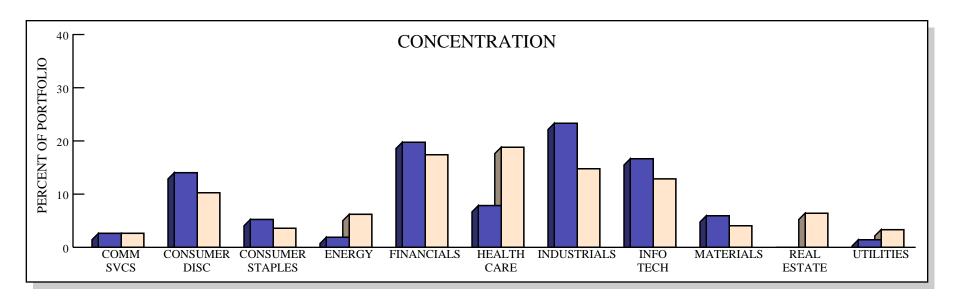


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	58	0.8%	13.6%	23.0	1.24	
RUSSELL 2000	1,971	1.5%	10.8%	20.3	1.22	

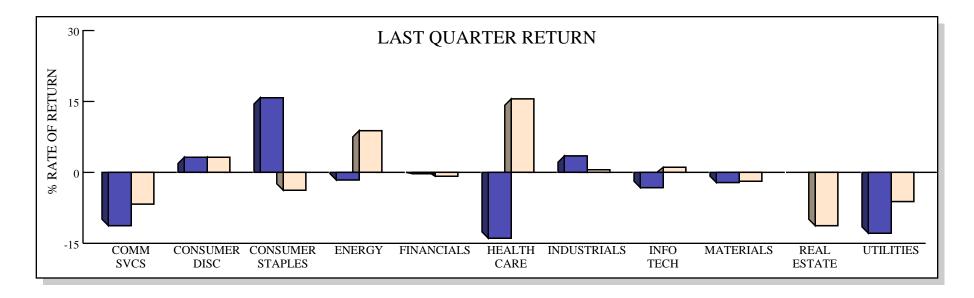




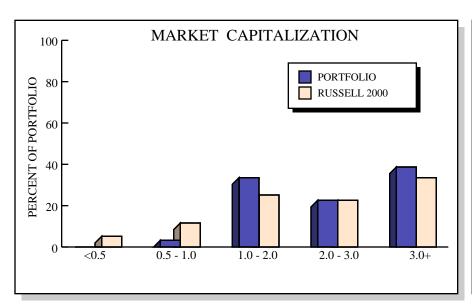
### STOCK INDUSTRY ANALYSIS

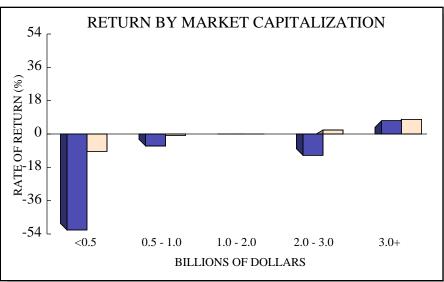


■ PORTFOLIO ■ RUSSELL 2000



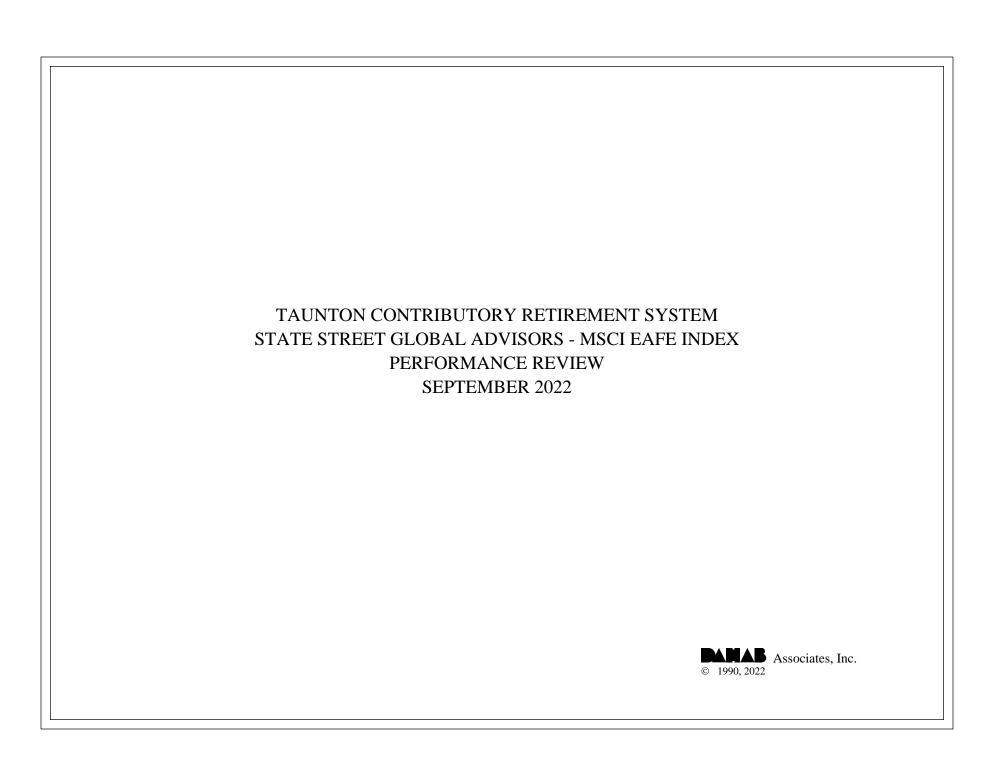
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	CYBERARK SOFTWARE LTD/ISRAEL	\$ 587,015	2.80%	17.2%	Information Technology	\$ 6.1 B
2	FIRST INTERSTATE BANCSYS A	585,721	2.79%	7.0%	Financials	4.3 B
3	ATKORE INC	563,033	2.68%	-6.3%	Industrials	3.2 B
4	MATERION CORP	557,040	2.66%	8.7%	Materials	1.6 B
5	WNS HOLDINGS LTD ADR	546,691	2.61%	9.7%	Information Technology	3.9 B
6	GRAPHIC PACKAGING HOLDING CO	534,539	2.55%	-3.4%	Materials	6.1 B
7	STRIDE INC	520,794	2.48%	3.0%	Consumer Discretionary	1.8 B
8	HOSTESS BRANDS INC	518,484	2.47%	9.6%	Consumer Staples	3.2 B
9	PERFICIENT INC	509,822	2.43%	-29.1%	Information Technology	2.3 B
10	ELF BEAUTY INC	497,976	2.37%	22.6%	Consumer Staples	2.0 B



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's State Street Global Advisors MSCI EAFE Index portfolio was valued at \$6,488,314, a decrease of \$668,621 from the June ending value of \$7,156,935. Last quarter, the account recorded total net withdrawals of \$1,143 in addition to \$667,478 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 9.3%, which was 0.1% greater than the MSCI EAFE Net Index's return of -9.4% and ranked in the 49th percentile of the International Equity universe. Over the trailing twelve-month period, this portfolio returned -24.8%, which was 0.3% above the benchmark's -25.1% return, and ranked in the 39th percentile. Since September 2017, the portfolio returned -0.5% per annum and ranked in the 59th percentile. For comparison, the MSCI EAFE Net Index returned an annualized -0.8% 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	
Total Portfolio - Gross	-9.3	-26.8	-24.8	-1.5	-0.5	
INTERNATIONAL EQUITY RANK	(49)	(38)	(39)	(68)	(59)	
Total Portfolio - Net	-9.3	-26.8	-24.9	-1.5	-0.5	
MSCI EAFE Net	-9.4	-27.1	-25.1	-1.8	-0.8	
Developed Markets Equity - Gross	-9.3	-26.8	-24.8	-1.5	-0.5	
INTERNATIONAL EQUITY RANK	(49)	(38)	(39)	(68)	(59)	
MSCI EAFE Net	-9.4	-27.1	-25.1	-1.8	-0.8	

ASSET A	ALLOCA	TION
Int'l Developed	100.0%	\$ 6,488,314
Total Portfolio	100.0%	\$ 6,488,314

### INVESTMENT RETURN

 Market Value 6/2022
 \$ 7,156,935

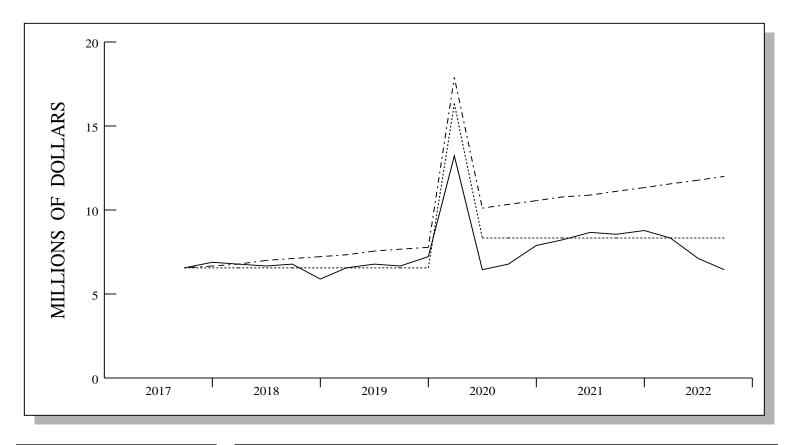
 Contribs / Withdrawals
 - 1,143

 Income
 0

 Capital Gains / Losses
 -667,478

 Market Value 9/2022
 \$ 6,488,314

### **INVESTMENT GROWTH**

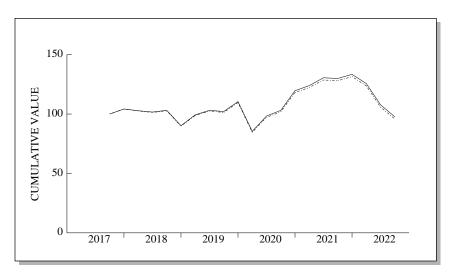


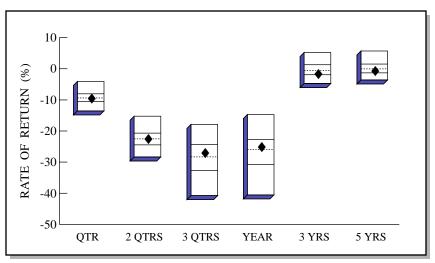
3

VALUE ASSUMING 8.0% RETURN \$ 12,097,086

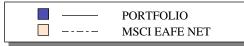
	LAST QUARTER	FIVE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 7,156,935 - 1,143 -667,478 \$ 6,488,314	\$ 6,623,844 1,779,117 -1,914,647 \$ 6,488,314
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	-667,478 -667,478	0 -1,914,647 -1,914,647

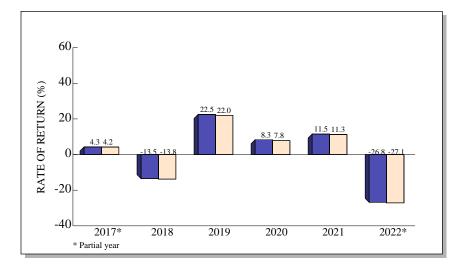
## TOTAL RETURN COMPARISONS





International Equity Universe



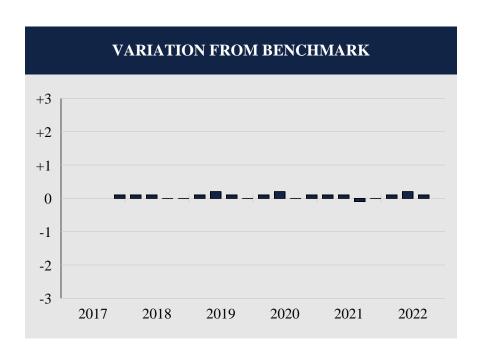


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-9.3	-22.3	-26.8	-24.8	-1.5	-0.5
(RANK)	(49)	(43)	(38)	(39)	(68)	(59)
5TH %ILE	-4.1	-15.3	-17.9	-14.7	5.3	5.7
25TH %ILE	-8.1	-20.7	-24.4	-22.8	1.3	1.5
MEDIAN	-9.4	-22.5	-28.3	-26.0	-0.6	0.0
75TH %ILE	-10.5	-24.5	-32.7	-30.8	-1.9	-1.3
95TH %ILE	-13.5	-28.4	-40.8	-40.6	-4.8	-3.6
EAFE Net	-9.4	-22.5	-27.1	-25.1	-1.8	-0.8

International Equity Universe

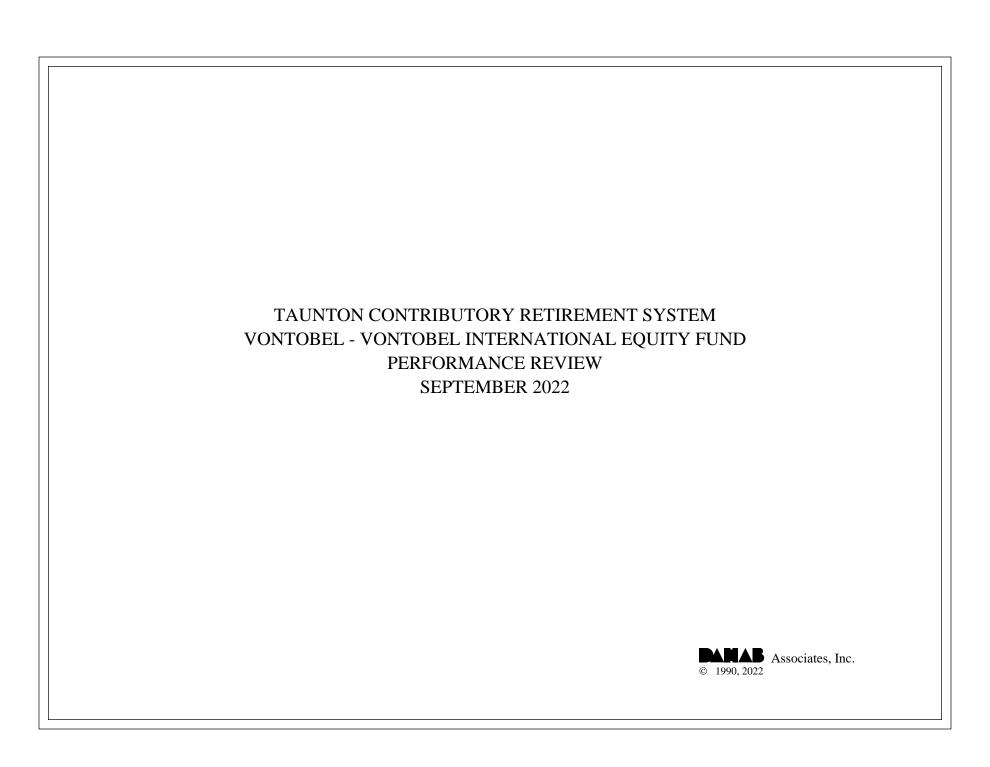
## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: MSCI EAFE NET



<b>Total Quarters Observed</b>	20
Quarters At or Above the Benchmark	19
<b>Quarters Below the Benchmark</b>	1
Batting Average	.950

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		
12/19	8.2	8.2	0.0		
3/20	-22.7	-22.8	0.1		
6/20	15.1	14.9	0.2		
9/20	4.8	4.8	0.0		
12/20	16.1	16.0	0.1		
3/21	3.6	3.5	0.1		
6/21	5.3	5.2	0.1		
9/21	-0.5	-0.4	-0.1		
12/21	2.7	2.7	0.0		
3/22	-5.8	-5.9	0.1		
6/22	-14.3	-14.5	0.2		
9/22	-9.3	-9.4	0.1		



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's Vontobel Vontobel International Equity Fund was valued at \$13,173,881, a decrease of \$804,506 from the June ending value of \$13,978,387. Last quarter, the account recorded total net withdrawals of \$27,779 in addition to \$776,727 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 Vontobel Vontobel International Equity Fund lost 5.6%, which was 2.9% greater than the MSCI EAFE Growth Net Index's return of -8.5% and ranked in the 1st percentile of the International Growth universe. Over the trailing twelve-month period, this portfolio returned -25.6%, which was 4.7% above the benchmark's -30.3% return, and ranked in the 20th percentile. Since December 2012, the portfolio returned 4.9% per annum and ranked in the 38th percentile. For comparison, the MSCI EAFE Growth Net Index returned an annualized 4.2% over the same period.

#### **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	-5.6	-28.5	-25.6	0.5	2.5	4.9
INTERNATIONAL GROWTH RA	ANK (1)	(21)	(20)	(38)	(31)	(38)
Total Portfolio - Net	-5.7	-28.9	-26.1	-0.2	1.8	4.1
EAFE Growth Net	-8.5	-33.0	-30.3	-1.5	0.7	4.2
Developed Markets Equity - Gross	s -5.6	-28.5	-25.6	0.5	2.5	4.9
INTERNATIONAL GROWTH RA	ANK (1)	(21)	(20)	(38)	(31)	(38)
EAFE Growth Net	-8.5	-33.0	-30.3	-1.5	0.7	4.2
MSCI EAFE Net	-9.4	-27.1	-25.1	-1.8	-0.8	3.1
EAFE Value Net	-10.2	-21.1	-20.2	-2.8	-2.7	1.7
ACWI ex US Net	-9.9	-26.5	-25.2	-1.5	-0.8	2.5
MSCI EM Net	-11.6	-27.2	-28.1	-2.1	-1.8	0.5

ASSET A	ALLOCA	ATION
Int'l Developed	100.0%	\$ 13,173,881
Total Portfolio	100.0%	\$ 13,173,881

### INVESTMENT RETURN

 Market Value 6/2022
 \$ 13,978,387

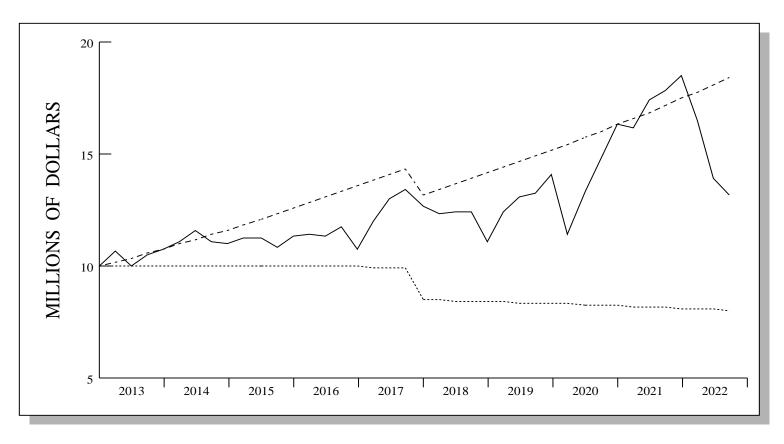
 Contribs / Withdrawals
 - 27,779

 Income
 0

 Capital Gains / Losses
 -776,727

 Market Value 9/2022
 \$ 13,173,881

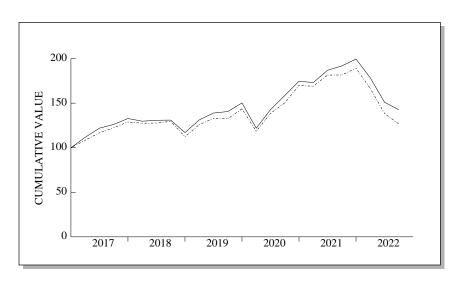
### **INVESTMENT GROWTH**

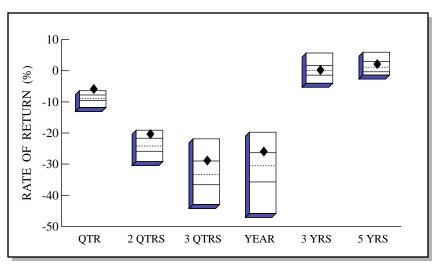


VALUE ASSUMING 8.0% RETURN \$ 18,463,570

	LAST QUARTER	PERIOD 12/12 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 13,978,387 - 27,779 -776,727 \$ 13,173,881	\$ 10,000,000 - 1,941,910 <u>5,115,791</u> \$ 13,173,881
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	-776,727 -776,727	269,414 4,846,377 5,115,791

## TOTAL RETURN COMPARISONS

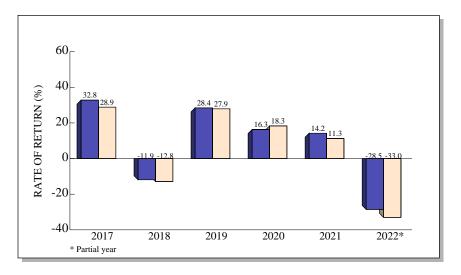




International Growth Universe



4

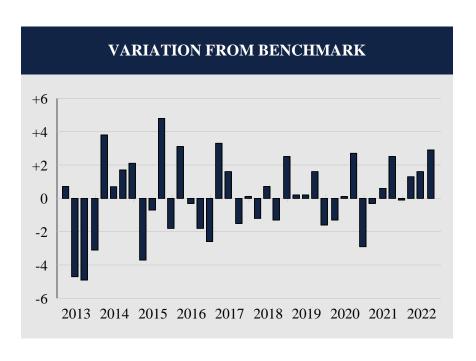


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-5.6	-20.1	-28.5	-25.6	0.5	2.5
(RANK)	(1)	(16)	(21)	(20)	(38)	(31)
5TH %ILE	-6.4	-19.1	-21.9	-19.8	5.7	6.0
25TH %ILE	-7.8	-21.7	-29.0	-26.4	1.7	3.0
MEDIAN	-8.9	-24.2	-33.4	-30.6	0.1	1.2
75TH %ILE	-9.6	-25.9	-36.6	-35.7	-1.4	-0.3
95TH %ILE	-11.8	-29.2	-43.0	-45.8	-4.0	-1.4
EAFE G Net	-8.5	-23.9	-33.0	-30.3	-1.5	0.7

International Growth Universe

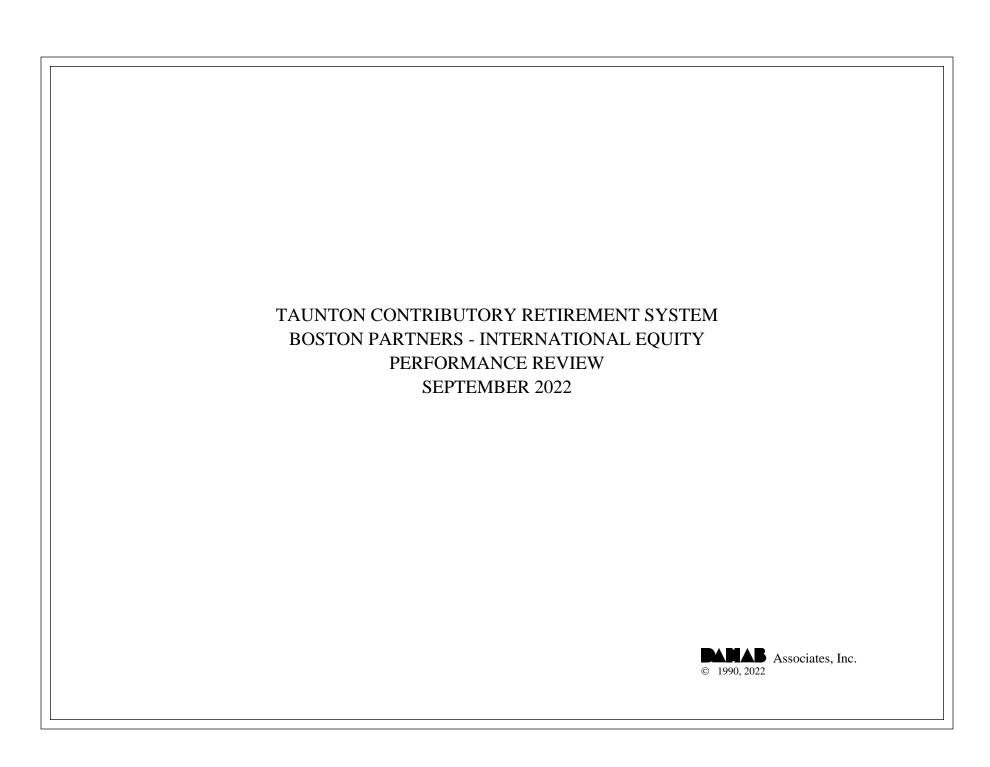
## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

#### COMPARATIVE BENCHMARK: MSCI EAFE GROWTH NET



Total Quarters Observed	39
Quarters At or Above the Benchmark	22
<b>Quarters Below the Benchmark</b>	17
Batting Average	.564

Date			RATES OF RETURN						
	Portfolio	Benchmark	Difference						
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 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19 9/19 12/19 3/20 6/20 9/20 12/20 3/21	Portfolio  7.4 -5.9 5.6 2.1 3.9 4.2 -3.8 -0.2 2.1 0.3 -3.9 4.9 1.0 -0.4 3.2 -8.1 11.8 9.1 3.4 5.3 -2.2 0.8 0.2 -10.8 12.2 5.9 1.2 6.8 -18.8 17.1 11.1 10.2 -0.9	6.7 -1.2 10.5 5.2 0.1 3.5 -5.5 -2.3 5.8 1.0 -8.7 6.7 -2.1 -0.1 5.0 -5.5 8.5 7.5 4.9 5.2 -1.0 0.1 1.5 -13.3 12.0 5.7 -0.4 8.4 -17.5 17.0 8.4 13.1 -0.6	Difference  0.7 -4.7 -4.9 -3.1 3.8 0.7 1.7 2.1 -3.7 -0.7 4.8 -1.8 3.1 -0.3 -1.8 -2.6 3.3 1.6 -1.5 0.1 -1.2 0.7 -1.3 2.5 0.2 0.2 1.6 -1.6 -1.3 0.1 2.7 -2.9 -0.3						
6/21 9/21 12/21 3/22 6/22	8.0 2.6 4.0 -10.6 -15.3	7.4 0.1 4.1 -11.9 -16.9	0.6 2.5 -0.1 1.3 1.6						



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's Boston Partners International Equity portfolio was valued at \$14,404,497, a decrease of \$1,596,667 from the June ending value of \$16,001,164. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$1,596,667. 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 Boston Partners International Equity portfolio lost 9.8%, which was 0.4% greater than the MSCI EAFE Value Net Index's return of -10.2% and ranked in the 33rd percentile of the International Value universe. Over the trailing year, the portfolio returned -17.8%, which was 2.4% greater than the benchmark's -20.2% performance, and ranked in the 11th percentile. Since June 2020, the account returned 5.3% per annum and ranked in the 15th percentile. For comparison, the MSCI EAFE Value Net Index returned an annualized 2.4% over the same time frame.

#### **ASSET ALLOCATION**

This account was fully invested in the Boston Partners International Equity portfolio during the quarter.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/20
Total Portfolio - Gross	-9.8	-19.8	-17.8			5.3
INTERNATIONAL VALUE RANK	(33)	(13)	(11)			(15)
Total Portfolio - Net	-10.0	-20.2	-18.4			4.6
EAFE Value Net	-10.2	-21.1	-20.2	-2.8	-2.7	2.4
<b>Developed Markets Equity - Gross</b>	-9.8	-19.8	-17.8			5.3
INTERNATIONAL VALUE RANK	(33)	(13)	(11)			(15)

ASSET ALLOCATION					
Int'l Developed	100.0%	\$ 14,404,497			
Total Portfolio	100.0%	\$ 14,404,497			

### INVESTMENT RETURN

 Market Value 6/2022
 \$ 16,001,164

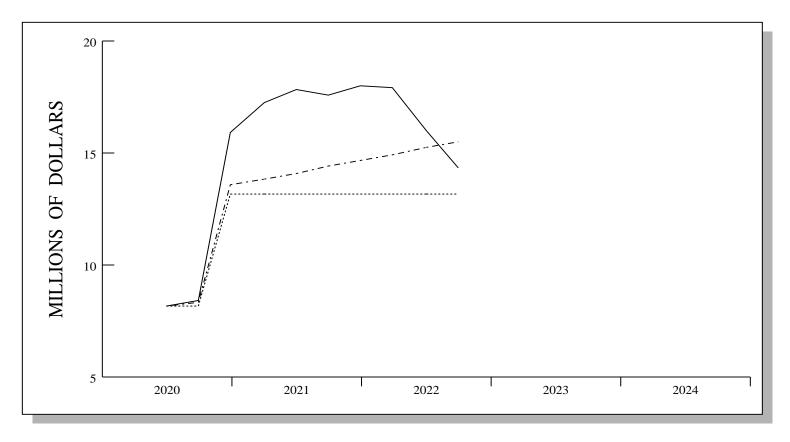
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 -1,596,667

 Market Value 9/2022
 \$ 14,404,497

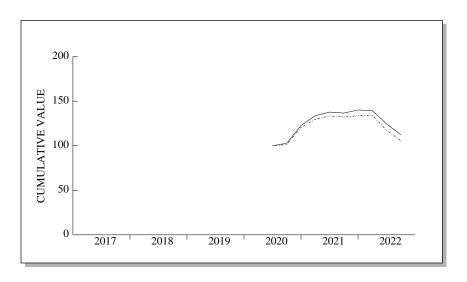
### **INVESTMENT GROWTH**

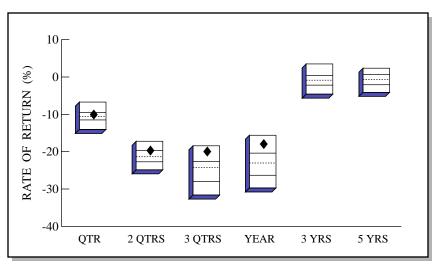


VALUE ASSUMING 8.0% RETURN \$ 15,582,452

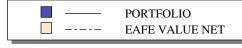
	LAST QUARTER	PERIOD 6/20 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,001,164 0 -1,596,667 \$ 14,404,497	\$ 8,215,818 5,000,000 1,188,679 \$ 14,404,497
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	0 -1,596,667 -1,596,667	1,188,679 1,188,679

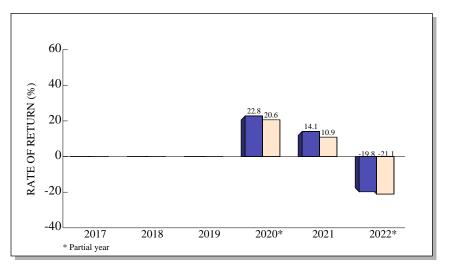
## TOTAL RETURN COMPARISONS





International Value Universe



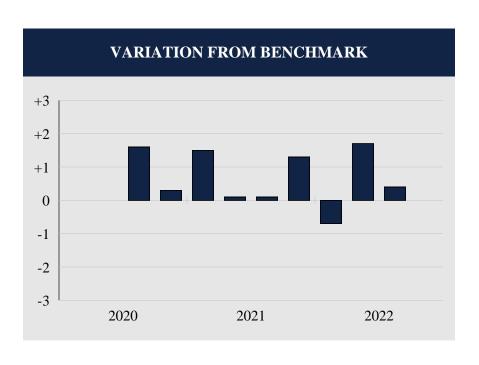


					ANNU <i>A</i>	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-9.8	-19.5	-19.8	-17.8		
(RANK)	(33)	(19)	(13)	(11)		
5TH %ILE	-6.7	-17.2	-18.4	-15.6	3.5	2.4
25TH %ILE	-9.5	-19.7	-22.6	-20.4	0.4	0.7
MEDIAN	-10.5	-21.4	-24.3	-23.1	-0.9	-0.7
75TH %ILE	-11.5	-22.7	-28.0	-26.3	-2.2	-2.1
95TH %ILE	-14.1	-24.9	-31.6	-29.7	-4.6	-4.1
EAFE V Net	-10.2	-21.3	-21.1	-20.2	-2.8	-2.7

International Value Universe

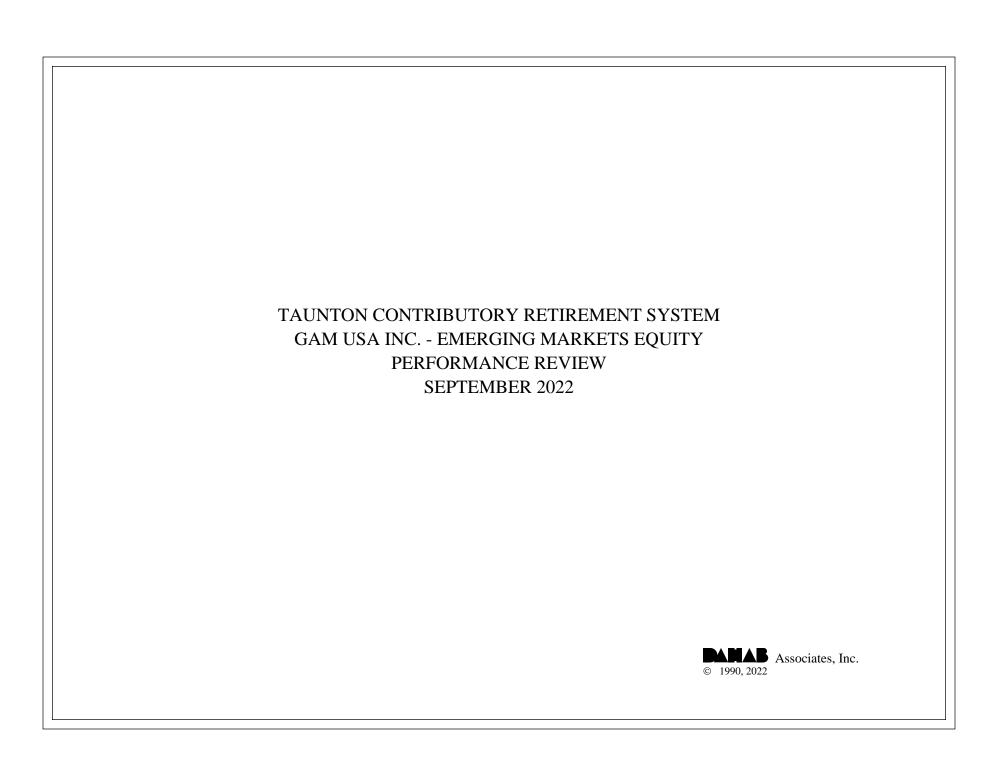
## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

#### COMPARATIVE BENCHMARK: MSCI EAFE VALUE NET



9
8
1
.889

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/20	2.8	1.2	1.6			
12/20	19.5	19.2	0.3			
3/21	8.9	7.4	1.5			
6/21	3.1	3.0	0.1			
9/21	-0.9	-1.0	0.1			
12/21	2.5	1.2	1.3			
3/22	-0.4	0.3	-0.7			
6/22	-10.7	-12.4	1.7			
9/22	-9.8	-10.2	0.4			



On September 30th, 2022, the Taunton Contributory Retirement System's GAM USA Inc. Emerging Markets Equity portfolio was valued at \$5,165,370, a decrease of \$754,110 from the June ending value of \$5,919,480. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$754,110. 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 12.6%, which was 1.0% less than the MSCI Emerging Markets Net Index's return of -11.6% and ranked in the 83rd percentile of the Emerging Markets universe. Over the trailing year, the portfolio returned -32.7%, which was 4.6% less than the benchmark's -28.1% performance, and ranked in the 82nd percentile. Since June 2018, the account returned -2.9% per annum and ranked in the 78th percentile. For comparison, the MSCI Emerging Markets Net Index returned an annualized -2.2% over the same time frame.

### **ASSET ALLOCATION**

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

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/18
Total Portfolio - Gross	-12.6	-30.9	-32.7	-3.5		-2.9
EMERGING MARKETS RANK	(83)	(74)	(82)	(88)		(78)
Total Portfolio - Net	-12.7	-31.1	-33.1	-4.0		-3.4
MSCI EM Net	-11.6	-27.2	-28.1	-2.1	-1.8	-2.2
<b>Emerging Markets Equity - Gross</b>	-12.6	-30.9	-32.7	-3.5		-2.9
EMERGING MARKETS RANK	(83)	(74)	(82)	(88)		(78)
MSCI EM Net	-11.6	-27.2	-28.1	-2.1	-1.8	-2.2

ASSET ALLOCATION						
Emerging Markets	100.0%	\$ 5,165,370				
Total Portfolio	100.0%	\$ 5,165,370				

# INVESTMENT RETURN

 Market Value 6/2022
 \$ 5,919,480

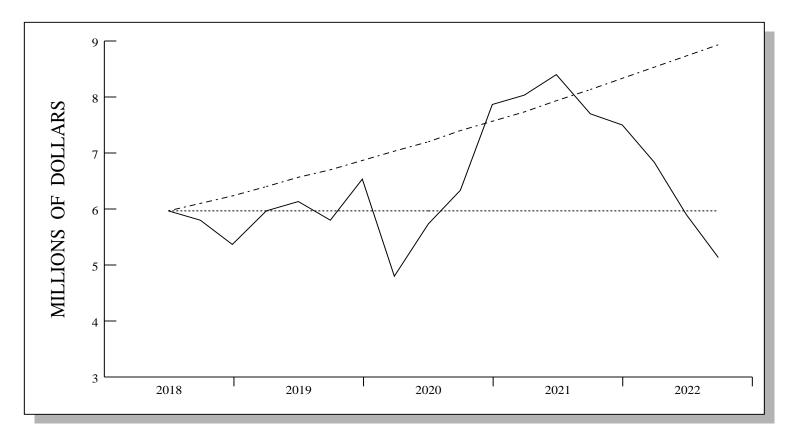
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 -754,110

 Market Value 9/2022
 \$ 5,165,370

# **INVESTMENT GROWTH**

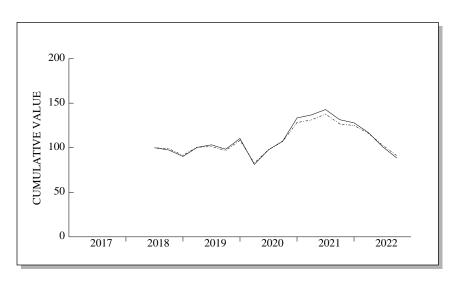


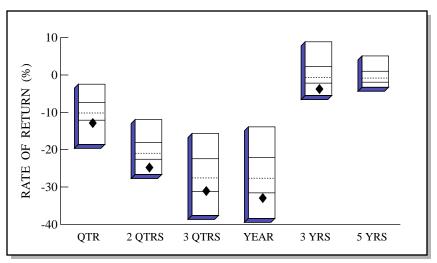
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 8,954,101

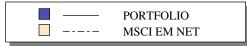
	LAST QUARTER	PERIOD 6/18 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,919,480 0 -754,110 \$ 5,165,370	\$ 5,971,770 0 -806,400 \$ 5,165,370
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -754,110 \\ \hline -754,110 \end{array} $	-806,400 -806,400

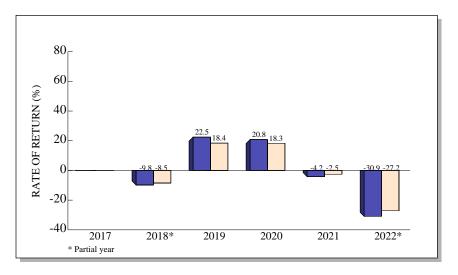
# TOTAL RETURN COMPARISONS





Emerging Markets Universe



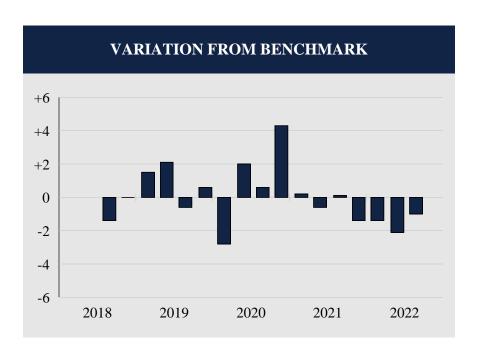


					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-12.6	-24.5	-30.9	-32.7	-3.5	
(RANK)	(83)	(89)	(74)	(82)	(88)	
5TH %ILE	-2.5	-11.9	-15.7	-13.9	8.9	5.1
25TH %ILE	-7.4	-18.1	-22.4	-22.1	2.3	1.0
MEDIAN	-10.2	-21.0	-27.6	-27.6	-0.7	-0.8
75TH %ILE	-12.1	-22.6	-31.2	-31.6	-2.2	-1.9
95TH %ILE	-18.6	-26.7	-37.6	-38.4	-5.5	-3.3
EM Net	-11.6	-21.7	-27.2	-28.1	-2.1	-1.8

**Emerging Markets Universe** 

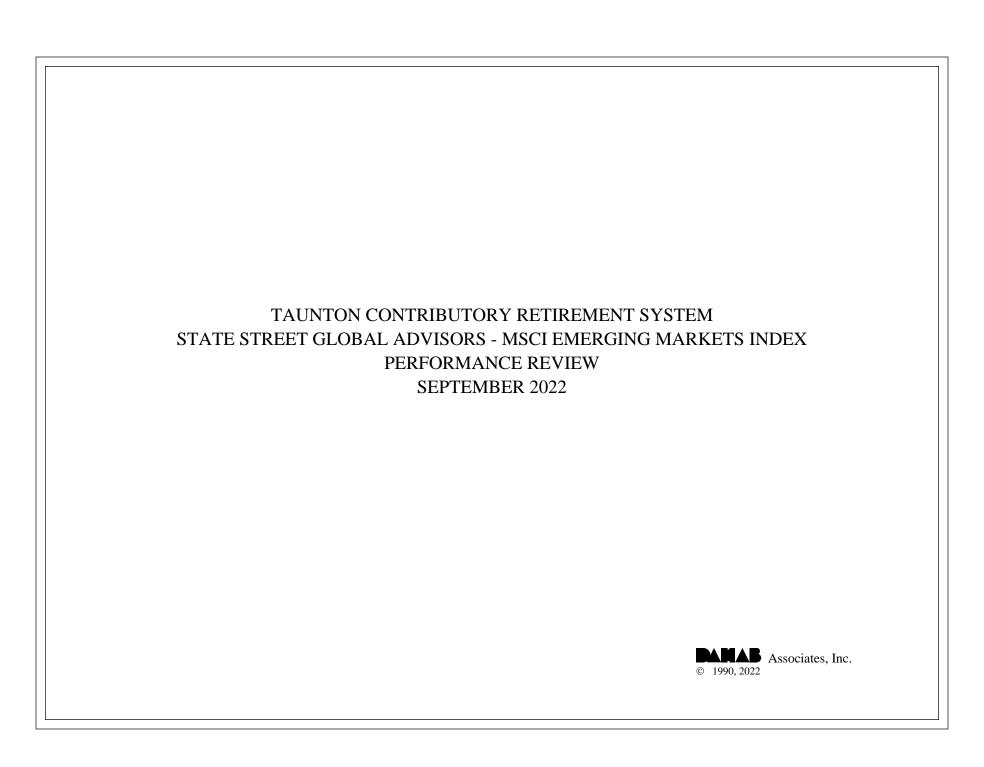
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS NET



<b>Total Quarters Observed</b>	17
Quarters At or Above the Benchmark	9
Quarters Below the Benchmark	8
Batting Average	.529

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			
12/19	12.4	11.8	0.6			
3/20	-26.4	-23.6	-2.8			
6/20	20.1	18.1	2.0			
9/20	10.2	9.6	0.6			
12/20	24.0	19.7	4.3			
3/21	2.5	2.3	0.2			
6/21	4.4	5.0	-0.6			
9/21	-8.0	-8.1	0.1			
12/21	-2.7	-1.3	-1.4			
3/22	-8.4	-7.0	-1.4			
6/22	-13.6	-11.5	-2.1			
9/22	-12.6	-11.6	-1.0			



On September 30th, 2022, the Taunton Contributory Retirement System's State Street Global Advisors MSCI Emerging Markets Index portfolio was valued at \$4,828,092, a decrease of \$639,818 from the June ending value of \$5,467,910. Last quarter, the account recorded total net withdrawals of \$1,772 in addition to \$638,046 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 11.7%, which was 0.1% less than the MSCI Emerging Markets Net Index's return of -11.6% and ranked in the 71st percentile of the Emerging Markets universe. Over the trailing twelve-month period, this portfolio returned -28.0%, which was 0.1% above the benchmark's -28.1% return, and ranked in the 53rd percentile. Since December 2017, the portfolio returned -3.4% per annum and ranked in the 61st percentile. For comparison, the MSCI Emerging Markets Net Index returned an annualized -3.4% over the same period.

### **ASSET ALLOCATION**

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

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 12/17	
Total Portfolio - Gross	-11.7	-27.1	-28.0	-2.1		-3.4	
EMERGING MARKETS RANK	(71)	(47)	(53)	(74)		(61)	
Total Portfolio - Net	-11.7	-27.1	-28.1	-2.1		-3.5	
MSCI EM Net	-11.6	-27.2	-28.1	-2.1	-1.8	-3.4	
<b>Emerging Markets Equity - Gross</b>	-11.7	-27.1	-28.0	-2.1		-3.4	
EMERGING MARKETS RANK	(71)	(47)	(53)	(74)		(61)	
MSCI EM Net	-11.6	-27.2	-28.1	-2.1	-1.8	-3.4	

ASSET ALLOCATION							
Emerging Markets	100.0%	\$ 4,828,092					
Total Portfolio	100.0%	\$ 4,828,092					

# INVESTMENT RETURN

 Market Value 6/2022
 \$ 5,467,910

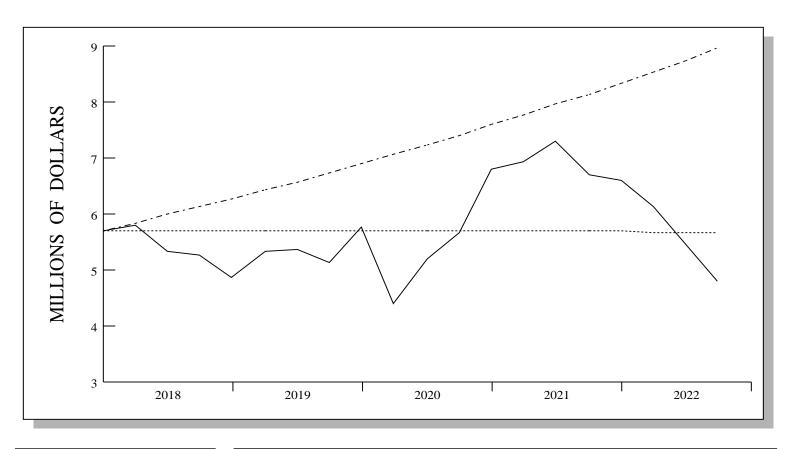
 Contribs / Withdrawals
 - 1,772

 Income
 0

 Capital Gains / Losses
 -638,046

 Market Value 9/2022
 \$ 4,828,092

# **INVESTMENT GROWTH**

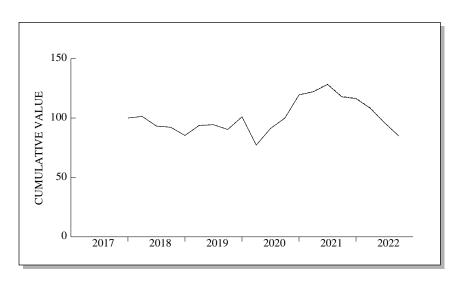


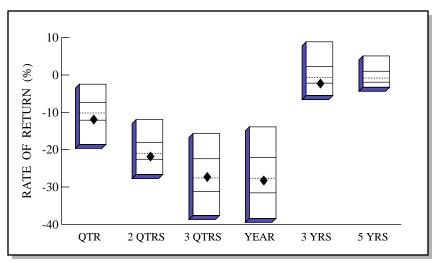
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 8,967,307

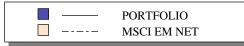
	LAST QUARTER	PERIOD 12/17 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,467,910 -1,772 -638,046 \$ 4,828,092	\$ 5,729,979 - 34,877 <u>-867,010</u> \$ 4,828,092
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	-638,046 -638,046	-867,010 -867,010

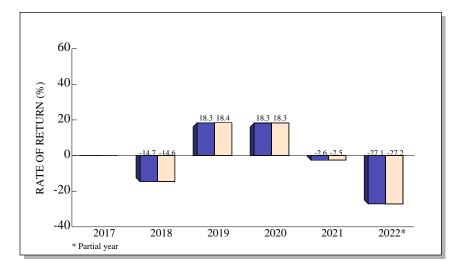
# TOTAL RETURN COMPARISONS





**Emerging Markets Universe** 



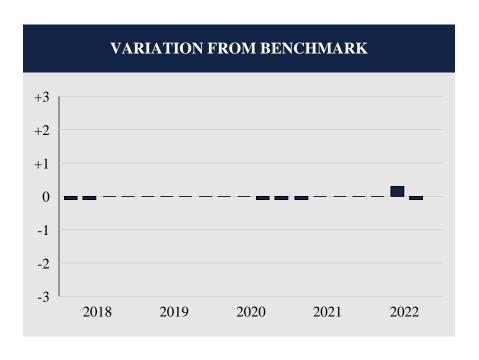


	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN	-11.7	-21.6	-27.1	-28.0	-2.1	
(RANK)	(71)	(60)	(47)	(53)	(74)	
5TH %ILE	-2.5	-11.9	-15.7	-13.9	8.9	5.1
25TH %ILE	-7.4	-18.1	-22.4	-22.1	2.3	1.0
MEDIAN	-10.2	-21.0	-27.6	-27.6	-0.7	-0.8
75TH %ILE	-12.1	-22.6	-31.2	-31.6	-2.2	-1.9
95TH %ILE	-18.6	-26.7	-37.6	-38.4	-5.5	-3.3
EM Net	-11.6	-21.7	-27.2	-28.1	-2.1	-1.8

Emerging Markets Universe

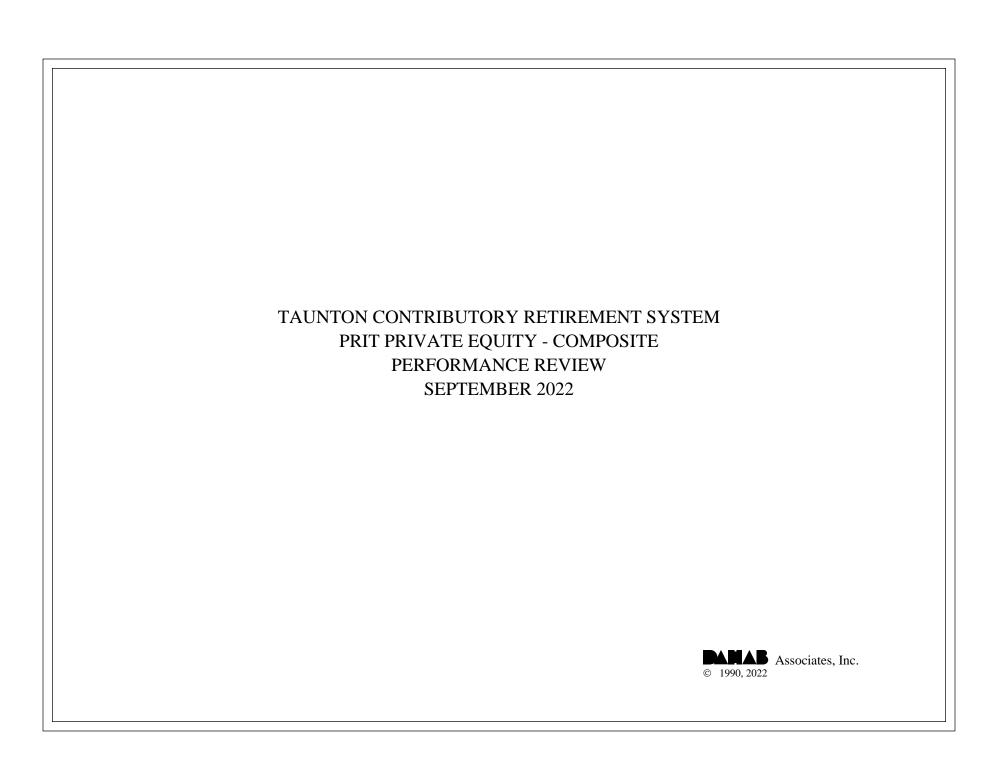
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS NET



Total Quarters Observed	19
Quarters At or Above the Benchmark	13
<b>Quarters Below the Benchmark</b>	6
Batting Average	.684

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			
12/19	11.8	11.8	0.0			
3/20	-23.6	-23.6	0.0			
6/20	18.1	18.1	0.0			
9/20	9.5	9.6	-0.1			
12/20	19.6	19.7	-0.1			
3/21	2.2	2.3	-0.1			
6/21	5.0	5.0	0.0			
9/21	-8.1	-8.1	0.0			
12/21	-1.3	-1.3	0.0			
3/22	-7.0	-7.0	0.0			
6/22	-11.2	-11.5	0.3			
9/22	-11.7	-11.6	-0.1			



On September 30th, 2022, the Taunton Contributory Retirement System's PRIT Private Equity Composite portfolio was valued at \$6,784,415, representing an increase of \$336,858 from the June quarter's ending value of \$6,447,557. Last quarter, the Fund posted net contributions totaling \$567,700, which overshadowed the account's \$230,842 net investment loss that was sustained during the quarter. 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**

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.

During the third quarter, the PRIT Private Equity Composite portfolio returned -3.5%. Over the trailing year, the account returned 22.5%, which was 22.8% greater than the benchmark's -0.3% return. Since June 2019, the portfolio returned 26.8% per annum, while the Cambridge US Private Equity returned an annualized 18.4% over the same time frame.

Private Equity Investor Report as of September 30, 2022							
PRIT Private Equity Vintage Year 2019							
Market Value	\$	2,901,323	Last Appraisal	Date	e: 9/30/202	22	
Tuitist Commitment	¢	2 000 000	100.000/				
Initial Commitment	\$	3,000,000	100.00%				
Capital Paid In	\$	1,703,650	56.79%				
Remaining Commitment	\$	1,114,667	49.83%				
Net IRR Since Inception		36.05%					
		Net	% of			% of	
Date	Co	ntributions	Commitment	Dis	tributions	Commitment	
Q2 2019	\$	100,929	3.36%	\$	-	-	
Q3 2019	\$	108,114	3.60%	\$	-	-	
Q4 2019	\$	131,033	4.37%	\$	-	-	
Q1 2020	\$	133,716	4.46%	\$	-	-	
Q2 2020	\$	196,386	6.55%	\$	489	0.02%	
Q3 2020	\$	97,433	3.25%	\$	322	0.02%	
Q4 2020	\$	156,191	5.21%	\$	83,268	7.47%	
Q1 2021	\$	164,521	5.48%	\$	-	-	
Q2 2021	\$	185,342	6.18%	\$	-	-	
Q3 2021	\$	79,145	2.64%	\$	1,791	0.16%	
Q4 2021	\$	152,432	5.08%	\$	-	-	
Q1 2022	\$	51,591	1.72%	\$	75,529	6.78%	
Q2 2022	\$	59,600	1.99%	\$	-	-	
Q3 2022	\$	87,217	2.91%	\$	20,284	1.82%	
Total	\$	1,703,650	56.79%	\$	181,683	16.26%	

#### Private Equity Investor Report as of September 30, 2022 **PRIT Private Equity Vintage Year 2020 Market Value \$ 2,016,425** Last Appraisal Date: 9/30/2022 **Initial Commitment** 3,000,000 100.00% Capital Paid In 1,738,409 57.95% Remaining Commitment 1,248,659 41.62% Net IRR Since Inception 15.79% Net % of % of **Date Contributions Commitment Distributions Commitment** Q1 2020 24,000 0.80% \$ 59,908 2.00% \$ Q2 2020 Q3 2020 30,299 1.01% \$ Q4 2020 19,106 0.64% \$ Q1 2021 108,468 3.62% \$ 171,563 5.72% \$ Q2 2021 Q3 2021 360,412 12.01% \$ Q4 2021 482,628 16.09% \$ Q1 2022 225,644 7.52% \$ 12,932 0.43% Q2 2022 96,608 3.22% \$ Q3 2022 159,773 5.33% \$ 1,738,409 Total 57.95% \$ 12,932 0.43%

Private Equity Investor Report as of September 30, 2022								
PF	PRIT Private Equity Vintage Year 2021							
Market Value	\$	1,558,321	Last Appraisal	Date	: 9/30/202	22		
Initial Commitment	\$	3,000,000	100.00%					
Capital Paid In	\$	1,559,196	51.97%					
Remaining Commitment	\$	1,440,804	48.03%					
Net IRR Since Inception		-0.07%						
		Net	% of			% of		
Date	Co	ntributions	Commitment	Dist	ributions	Commitment		
Q2 2021	\$	220,650	7.36%	\$	-	0.00%		
Q3 2021	\$	207,276	6.91%	\$	-	0.00%		
Q4 2021	\$	220,942	7.36%	\$	-	0.00%		
Q1 2022	\$	562,240	18.74%	\$	-	0.00%		
Q2 2022	\$	135,227	4.51%	\$	-	0.00%		
Q3 2022	\$	212,861	7.10%	\$	-	0.00%		
Total	\$	1,559,196	51.97%	\$	-	0.00%		

Private Equity Investor Report as of September 30, 2022 PRIT Private Equity Vintage Year 2022						
Market Value	\$		Last Appraisal		: 9/30/202	2
Initial Commitment	\$	3,000,000	100.00%			
Capital Paid In	\$	152,853	5.10%			
Remaining Commitment	\$	2,847,147	94.90%			
IRR (Net of Fees)		49.62%				
		Net	% of			% of
Date	Co	ntributions	Commitment	Dist	ributions	Commitment
Q1 2022	\$	45,623	1.52%	\$	-	-
Q2 2022	\$	107,230	3.57%	\$	-	-
Q3 2022	\$	166,043	5.53%	\$	-	-
Total	\$	152,853	5.10%	\$	-	-

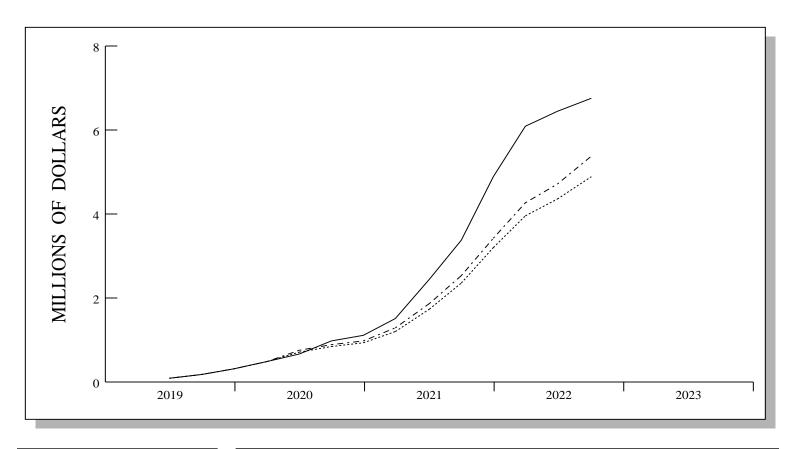
PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/19
Total Portfolio - Gross	-3.5	4.0	22.5	28.2		26.8
Total Portfolio - Net	-4.0	2.5	20.0	24.5		23.3
Cambridge PE	0.0	-5.3	-0.3	19.6	16.8	18.4
Alternative Assets - Gross	-3.5	4.0	22.5	28.2		26.8
Cambridge PE	0.0	-5.3	-0.3	19.6	16.8	18.4

ASSET A	ALLOCA	TION
Alternative	100.0%	\$ 6,784,415
Total Portfolio	100.0%	\$ 6,784,415

# INVESTMENT RETURN

Market Value 6/2022	\$ 6,447,557
Contribs / Withdrawals	567,700
Income	0
Capital Gains / Losses	-230,842
Market Value 9/2022	\$ 6,784,415

# **INVESTMENT GROWTH**

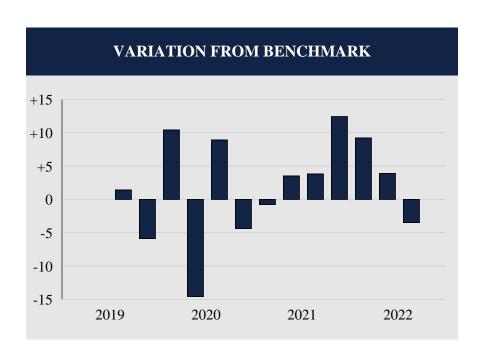


VALUE ASSUMING 8.0% RETURN \$ 5,401,193

	LAST QUARTER	PERIOD 6/19 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 6,447,557 567,700 -230,842 \$ 6,784,415	\$ 100,942 4,828,479 1,854,994 \$ 6,784,415
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -230,842 \\ \hline -230,842 \end{array} $	45,741 1,809,253 1,854,994

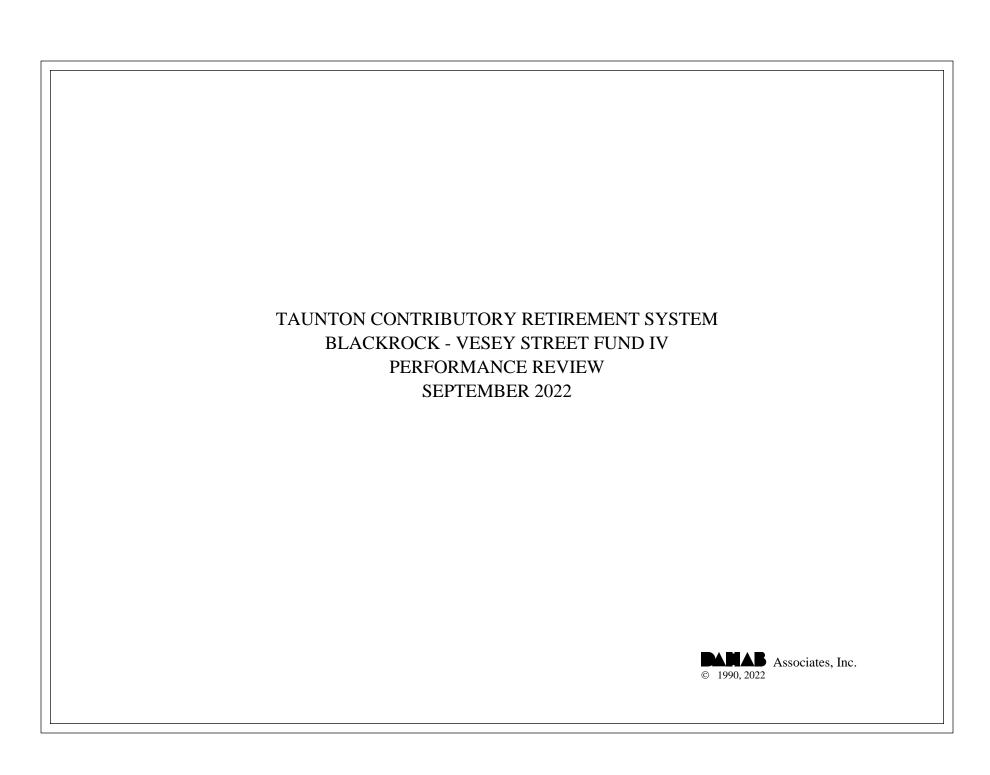
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: CAMBRIDGE US PRIVATE EQUITY



<b>Total Quarters Observed</b>	13
Quarters At or Above the Benchmark	8
<b>Quarters Below the Benchmark</b>	5
Batting Average	.615

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/19	2.7	1.3	1.4			
12/19	-2.1	3.8	-5.9			
3/20	0.3	-10.1	10.4			
6/20	-5.2	9.4	-14.6			
9/20	20.7	11.8	8.9			
12/20	7.8	12.2	-4.4			
3/21	9.2	10.0	-0.8			
6/21	18.3	14.8	3.5			
9/21	9.8	6.0	3.8			
12/21	17.7	5.3	12.4			
3/22	8.5	-0.7	9.2			
6/22	-0.7	-4.6	3.9			
9/22	-3.5	0.0	-3.5			



On September 30th, 2022, the Taunton Contributory Retirement System's BlackRock Vesey Street Fund IV portfolio was valued at \$245,652, a decrease of \$110,542 from the June ending value of \$356,194. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$110,542. 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 BlackRock Vesey Street Fund IV portfolio lost 31.0%, which was 14.3% below the Russell 3000 (Lagged)'s return of -16.7%. Over the trailing twelve-month period, the portfolio returned -35.9%, which was 22.0% less than the benchmark's -13.9% return. Since September 2012, the BlackRock Vesey Street Fund IV portfolio returned 3.7% on an annualized basis, while the Russell 3000 (Lagged) returned an annualized 12.6% over the same time frame.

### **ASSET ALLOCATION**

The portfolio was fully invested in the BlackRock Vesey Street Fund IV.

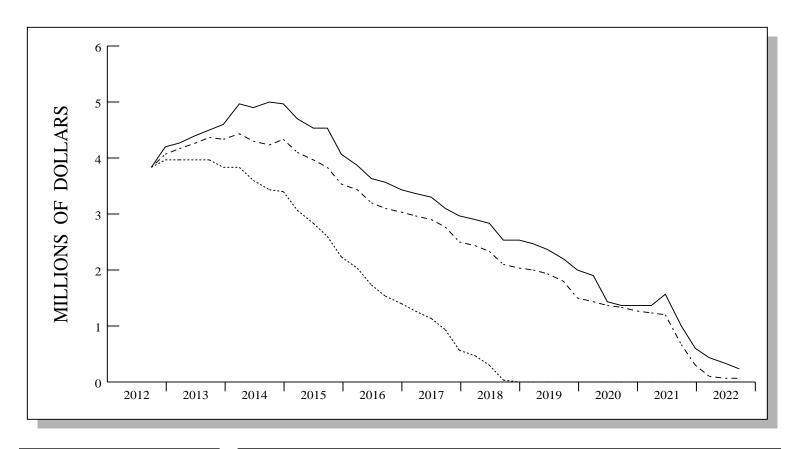
PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/12
Total Portfolio - Gross	-31.0	-33.0	-35.9	-9.6	-2.5	3.7
Total Portfolio - Net	-31.5	-34.1	-37.3	-11.1	-3.9	2.4
Russell 3000 (Lag)	-16.7	-13.8	-13.9	9.8	10.6	12.6
Alternative Assets - Gross	-31.0	-33.0	-35.9	-9.6	-2.5	3.7
Russell 3000 (Lag)	-16.7	-13.8	-13.9	9.8	10.6	12.6

ASSET A	ALLOCA'	ΓΙΟΝ
Alternative	100.0%	\$ 245,652
Total Portfolio	100.0%	\$ 245,652

# INVESTMENT RETURN

Market Value 6/2022	\$ 356,194
Contribs / Withdrawals	0
Income	0
Capital Gains / Losses	-110,542
Market Value 9/2022	\$ 245,652

# **INVESTMENT GROWTH**



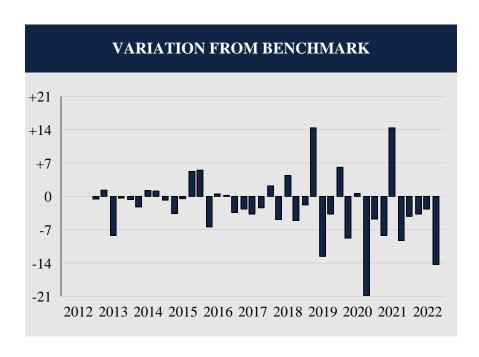
------ ACTUAL RETURN
------ 10.0%
------ 0.0%

VALUE ASSUMING 10.0% RETURN \$ 80,872

	LAST QUARTER	PERIOD 9/12 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{r} \$ 356,194 \\ 0 \\ -110,542 \\ \hline \$ 245,652 \end{array} $	\$ 3,863,374 -6,350,595 2,732,873 \$ 245,652
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -110,542 \\ \hline -110,542 \end{array} $	$ \begin{array}{r}     61,839 \\     \underline{2,671,034} \\     2,732,873 \end{array} $

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: RUSSELL 3000 (LAGGED)

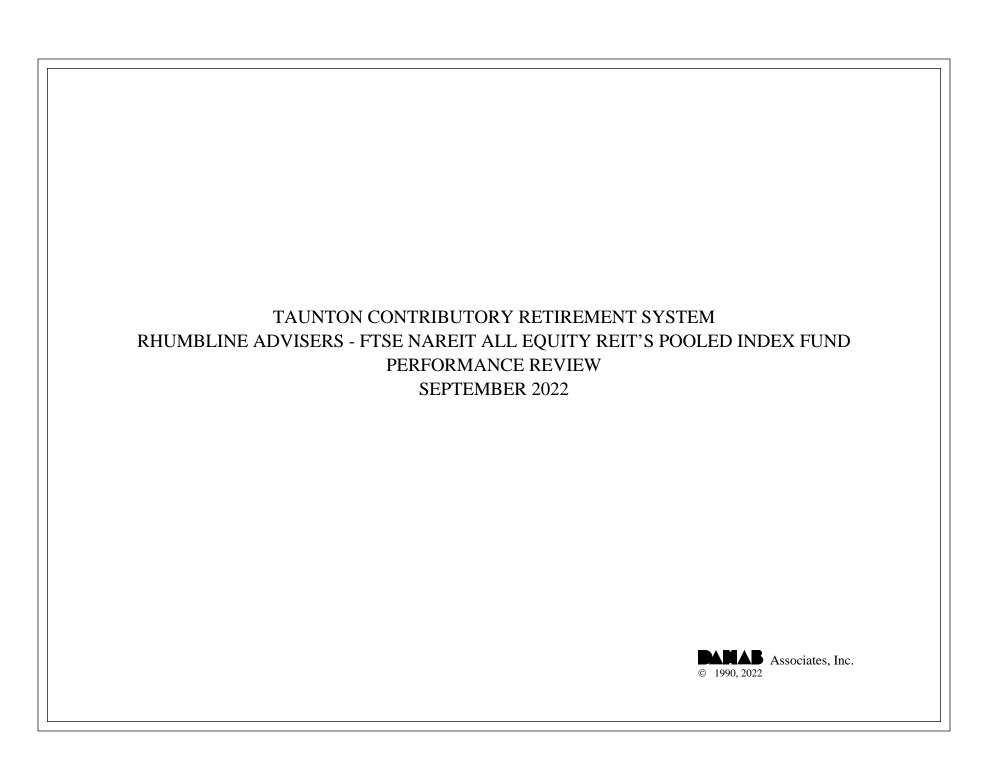


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	13
<b>Quarters Below the Benchmark</b>	27
Batting Average	.325

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
Date  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 6/17 9/17 12/17 3/18 6/18 9/18 12/18 3/19 6/19 9/19 12/19	Portfolio  5.6  1.6 2.9 2.3 5.7 7.9 3.2 6.0 -0.8 1.6 1.3 5.3 -1.7 -0.1 1.5 2.8 1.0 1.5 2.0 0.6 6.8 1.4 3.8 -1.2 5.3 0.1 1.4 0.4 7.3	6.2 0.3 11.1 2.7 6.4 10.1 2.0 4.9 0.0 5.2 1.8 0.1 -7.2 6.3 1.0 2.6 4.4 4.2 5.7 3.0 4.6 6.3 -0.6 3.9 7.1 -14.3 14.0 4.1 1.2	Difference  -0.6  1.3 -8.2 -0.4 -0.7 -2.2 1.2 1.1 -0.8 -3.6 -0.5 5.2 5.5 -6.4 0.5 0.2 -3.4 -2.7 -3.7 -2.4 2.2 -4.9 4.4 -5.1 -1.8 14.4 -12.6 -3.7 6.1		
3/20 6/20 9/20 12/20 3/21 6/21 9/21 12/21 3/22 6/22 9/22	0.3 -20.3 1.2 4.4 6.5 20.7 -1.1 -4.3 5.6 -8.0	9.1 -20.9 22.0 9.2 14.7 6.3 8.2 -0.1 9.3 -5.3	-8.8 0.6 -20.8 -4.8 -8.2 14.4 -9.3 -4.2 -3.7 -2.7 -14.3		

# **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, 2022, the Taunton Contributory Retirement System's Rhumbline Advisers FTSE NaREIT All Equity REIT's Pooled Index Fund was valued at \$8,543,752, a decrease of \$1,032,185 from the June ending value of \$9,575,937. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$1,032,185. 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 Rhumbline Advisers FTSE NaREIT All Equity REIT's Pooled Index Fund lost 10.8%, which was equal to the NAREIT's return of -10.8%. Over the trailing twelve-month period, the portfolio returned -16.3%, which was equal to the benchmark's -16.3% return. Since March 2020, the Rhumbline Advisers FTSE NaREIT All Equity REIT's Pooled Index Fund returned 9.6% on an annualized basis, while the NAREIT returned an annualized 9.8% over the same time frame.

### **ASSET ALLOCATION**

This account was fully invested in the Rhumbline Advisers FTSE NAREIT All Equity REIT's Pooled Index Fund.

PERFORMANCE SUMMARY							
Quarter YTD 1 Year 3 Year 5 Year Since 03/20							
Total Portfolio - Gross	-10.8	-27.9	-16.3			9.6	
Total Portfolio - Net	-10.8	-28.0	-16.4			9.5	
NAREIT	-10.8	-27.9	-16.3	-1.1	4.1	9.8	
Real Assets - Gross	-10.8	-27.9	-16.3			9.6	
NAREIT	-10.8	-27.9	-16.3	-1.1	4.1	9.8	

ASSET ALLOCATION				
Real Assets	100.0%	\$ 8,543,752		
Total Portfolio	100.0%	\$ 8,543,752		

# INVESTMENT RETURN

 Market Value 6/2022
 \$ 9,575,937

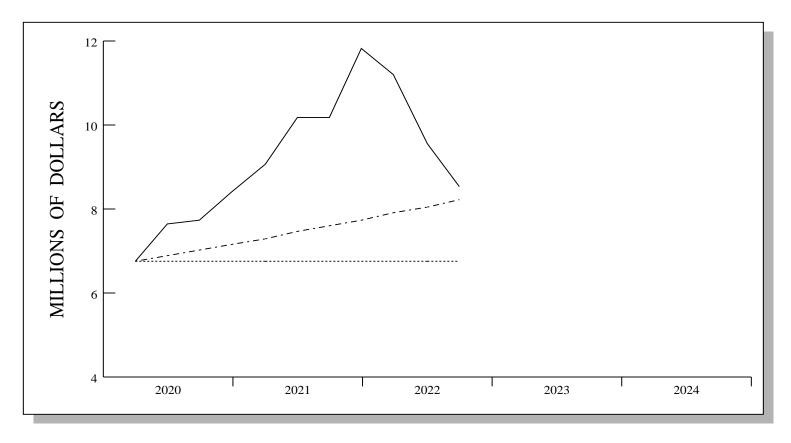
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 -1,032,185

 Market Value 9/2022
 \$ 8,543,752

# **INVESTMENT GROWTH**

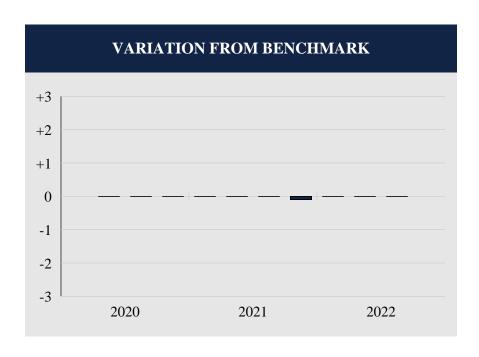


VALUE ASSUMING 8.0% RETURN \$ 8,226,197

	LAST QUARTER	PERIOD 3/20 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 9,575,937 \\ 0 \\ -1,032,185 \\ \hline \$ \ 8,543,752 \end{array}$	\$ 6,788,204 - 2,050 1,757,598 \$ 8,543,752
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -1,032,185 \\ -1,032,185 \end{array} $	1,757,598 1,757,598

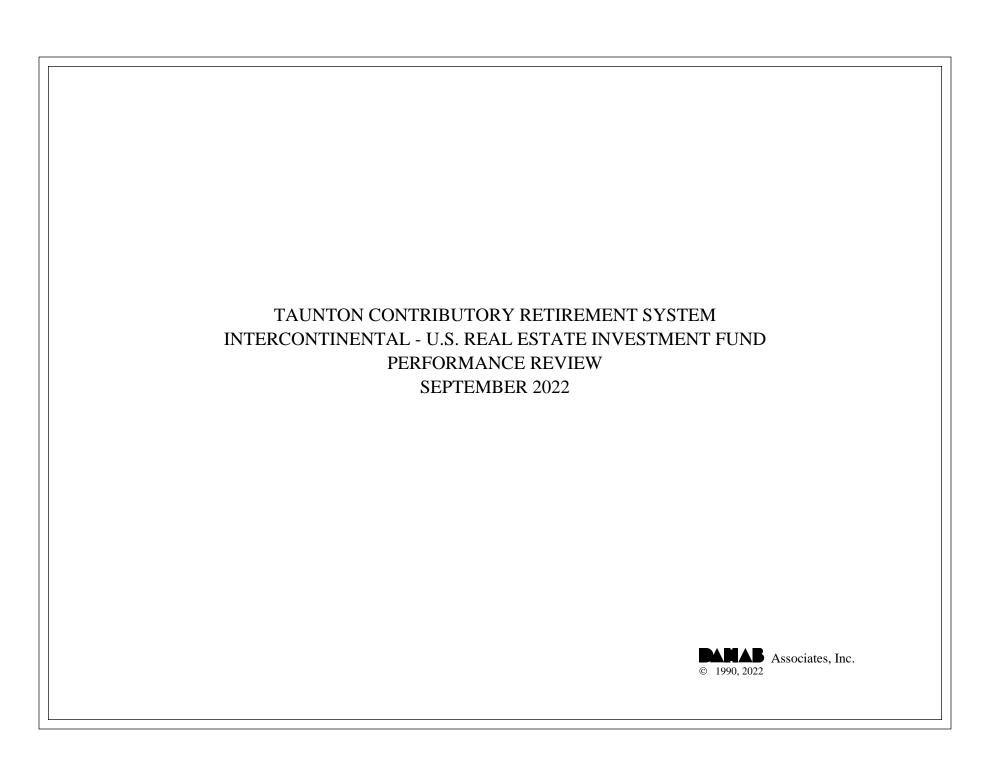
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

**COMPARATIVE BENCHMARK: NAREIT** 



Total Quarters Observed	10
Quarters At or Above the Benchmark	9
<b>Quarters Below the Benchmark</b>	1
<b>Batting Average</b>	.900

	RATES	S OF RETURN	
Date	Portfolio	Benchmark	Difference
6/20	13.2	13.2	0.0
9/20	1.2	1.2	0.0
12/20	8.1	8.1	0.0
3/21	8.3	8.3	0.0
6/21	12.0	12.0	0.0
9/21	0.2	0.2	0.0
12/21	16.1	16.2	-0.1
3/22	-5.3	-5.3	0.0
6/22	-14.7	-14.7	0.0
9/22	-10.8	-10.8	0.0



On September 30th, 2022, the Taunton Contributory Retirement System's Intercontinental U.S. Real Estate Investment Fund was valued at \$23,794,274, representing an increase of \$338,713 from the June quarter's ending value of \$23,455,561. Last quarter, the Fund posted withdrawals totaling \$36,220, which partially offset the portfolio's net investment return of \$374,933. Income receipts totaling \$201,322 plus net realized and unrealized capital gains of \$173,611 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 1.6%, which was 1.1% greater than the NCREIF NFI-ODCE Index's return of 0.5%. Over the trailing twelve-month period, the account returned 26.5%, which was 4.4% above the benchmark's 22.1% performance. Since June 2014, the portfolio returned 12.8% per annum, while the NCREIF NFI-ODCE Index returned an annualized 10.6% 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, 2022

Market Value	\$	23,794,274	Last Appraisal I	)ate	: 9/30/2022		
Initial Commitment	\$	10,000,000					
Capital Committed	\$	10,000,000	100.00%				
Remaining Commitment		-	_				
Net IRR		14.84%					
			% of		Dividends		
Date	C	ontributions	Commitment	]	Reinvested	Di	stributions
Year 2014	\$	10,000,000	100%	\$	82,098	\$	(116,188)
Year 2015	\$	-	0.00%	\$	313,680	\$	(425,625)
Year 2016	\$	-	0.00%	\$	374,665	\$	(490,526)
Year 2017	\$	-	0.00%	\$	431,829	\$	(551,886)
Year 2018	\$	-	0.00%	\$	460,280	\$	(585,292)
Year 2019	\$	-	0.00%	\$	446,325	\$	(576,365)
1/1/2020	\$	-	0.00%	\$	72,416	\$	(105,985)
4/1/2020	\$	-	0.00%	\$	114,909	\$	(148,222)
7/1/2020	\$	-	0.00%	\$	90,766	\$	(124,392)
10/1/2020	\$	-	0.00%	\$	98,240	\$	(132,487)
1/1/2021	\$	-	0.00%	\$	71,160	\$	(105,679)
4/1/2021	\$	-	0.00%	\$	129,126	\$	(163,181)
7/1/2021	\$	-	0.00%	\$	139,774	\$	(174,559)
10/1/2021	\$	-	0.00%	\$	134,418	\$	(169,973)
1/1/2022	\$	-	0.00%	\$	108,881	\$	(144,809)

\$

\$

10,000,000

4/1/2022

7/1/2022

Total

0.00%

0.00%

100%

140,158 \$

122,009 \$

3,330,734 \$ (4,348,999)

(175,601)

(158,229)

PERFORMANCE SUMMARY							
Quarter YTD 1 Year 3 Year 5 Year Since 06/14							
Total Portfolio - Gross	1.6	15.3	26.5	14.6	12.7	12.8	
Total Portfolio - Net	1.4	14.7	22.3	12.7	11.0	11.2	
NCREIF ODCE	0.5	13.1	22.1	12.4	10.2	10.6	
Real Assets - Gross	1.6	15.3	26.5	14.6	12.7	12.8	
NCREIF ODCE	0.5	13.1	22.1	12.4	10.2	10.6	

ASSET ALLOCATION				
Real Assets	100.0%	\$ 23,794,274		
Total Portfolio	100.0%	\$ 23,794,274		

# INVESTMENT RETURN

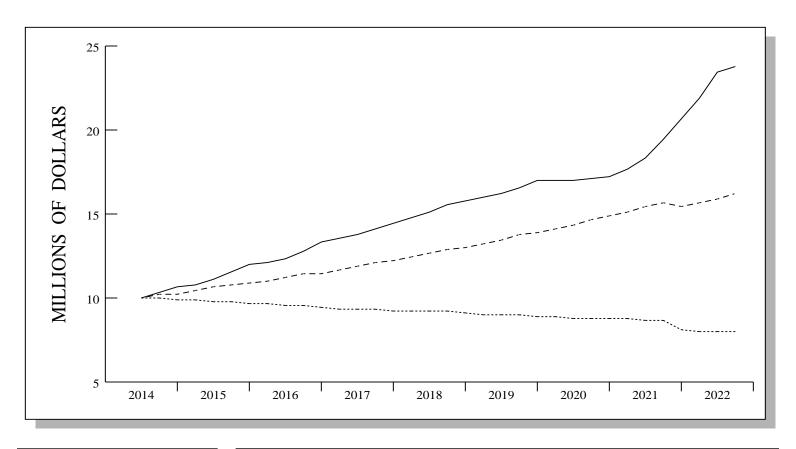
 Market Value 6/2022
 \$ 23,455,561

 Contribs / Withdrawals
 - 36,220

 Income
 201,322

 Capital Gains / Losses
 173,611

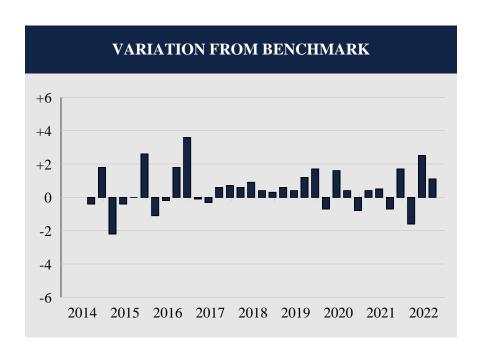
 Market Value 9/2022
 \$ 23,794,274



VALUE ASSUMING 8.0% RETURN \$ 16,253,105

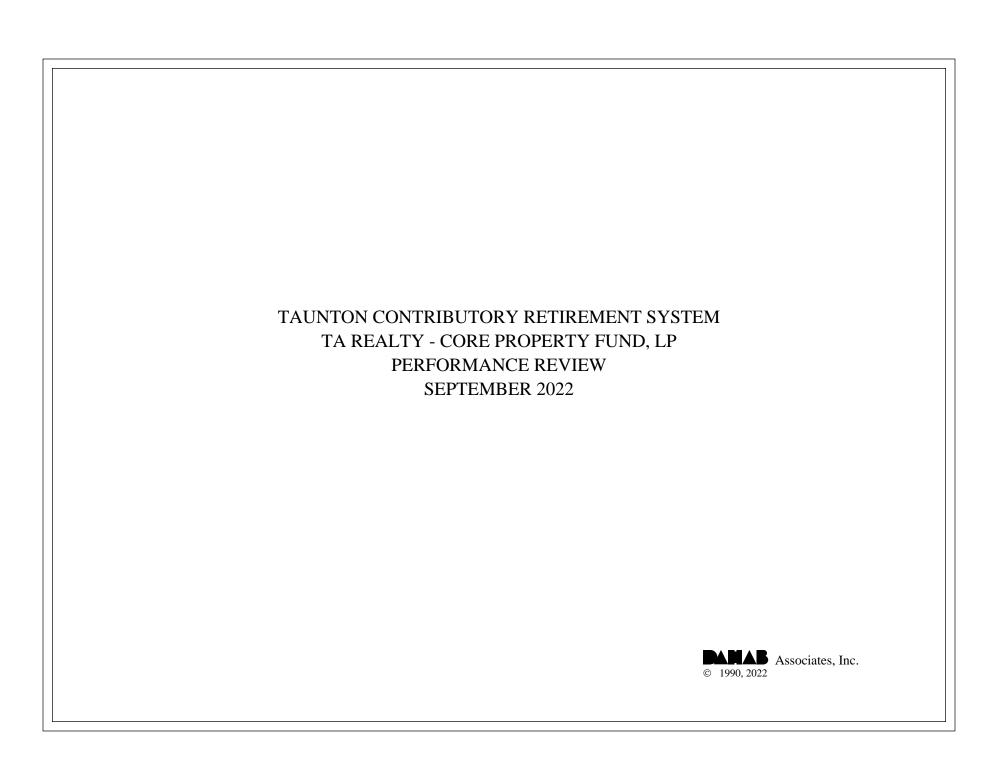
	LAST QUARTER	PERIOD 6/14 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 23,455,561 - 36,220 374,933 \$ 23,794,274	\$ 10,058,632 - 2,043,279 15,778,921 \$ 23,794,274
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{201,322}{173,611}$ $\phantom{00000000000000000000000000000000000$	5,850,783 9,928,138 15,778,921

### COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



<b>Total Quarters Observed</b>	33
Quarters At or Above the Benchmark	22
<b>Quarters Below the Benchmark</b>	11
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		
12/19	3.2	1.5	1.7		
3/20	0.3	1.0	-0.7		
6/20	0.0	-1.6	1.6		
9/20	0.9	0.5	0.4		
12/20	0.5	1.3	-0.8		
3/21	2.5	2.1	0.4		
6/21	4.4	3.9	0.5		
9/21	5.9	6.6	-0.7		
12/21	9.7	8.0	1.7		
3/22	5.8	7.4	-1.6		
6/22	7.3	4.8	2.5		
9/22	1.6	0.5	1.1		



On September 30th, 2022, the Taunton Contributory Retirement System's TA Realty Core Property Fund, LP portfolio was valued at \$25,665,127, representing an increase of \$350,001 from the June quarter's ending value of \$25,315,126. Last quarter, the Fund posted withdrawals totaling \$44,301, which partially offset the portfolio's net investment return of \$394,302. Income receipts totaling \$253,151 plus net realized and unrealized capital gains of \$141,151 combined to produce the portfolio's net investment return.

#### **RELATIVE PERFORMANCE**

For the third quarter, the TA Realty Core Property Fund, LP account gained 1.5%, which was 1.0% greater than the NCREIF NFI-ODCE Index's return of 0.5%. Over the trailing twelve-month period, the account returned 25.7%, which was 3.6% above the benchmark's 22.1% performance. Since March 2020, the portfolio returned 20.0% per annum, while the NCREIF NFI-ODCE Index returned an annualized 13.9% over the same period.

#### ASSET ALLOCATION

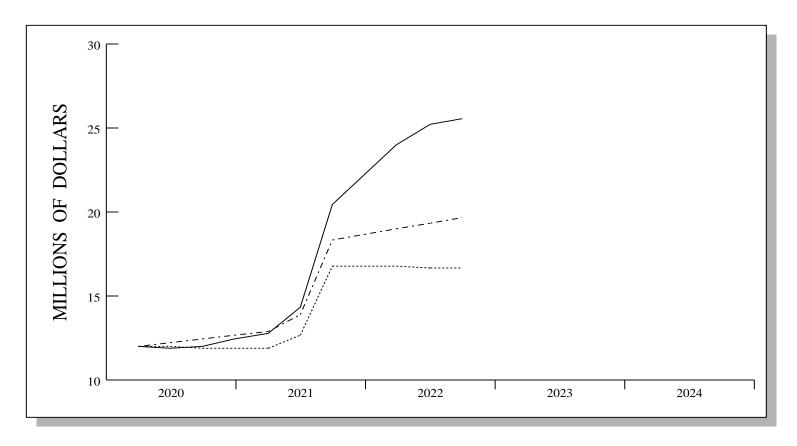
This account was fully invested in the TA Realty Core Property Fund, LP at quarter end.

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/20
Total Portfolio - Gross	1.5	15.8	25.7			20.0
Total Portfolio - Net	1.4	15.3	24.9			19.3
NCREIF ODCE	0.5	13.1	22.1	12.4	10.2	13.9
Real Assets - Gross	1.5	15.8	25.7			20.0
NCREIF ODCE	0.5	13.1	22.1	12.4	10.2	13.9

ASSET ALLOCATION				
Real Assets	100.0%	\$ 25,665,127		
Total Portfolio	100.0%	\$ 25,665,127		

## INVESTMENT RETURN

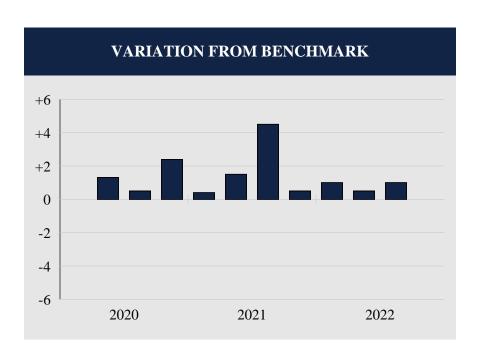
Market Value 6/2022	\$ 25,315,126
Contribs / Withdrawals	- 44,301
Income	253,151
Capital Gains / Losses	141,151
Market Value 9/2022	\$ 25,665,127



VALUE ASSUMING 8.0% RETURN \$ 19,689,513

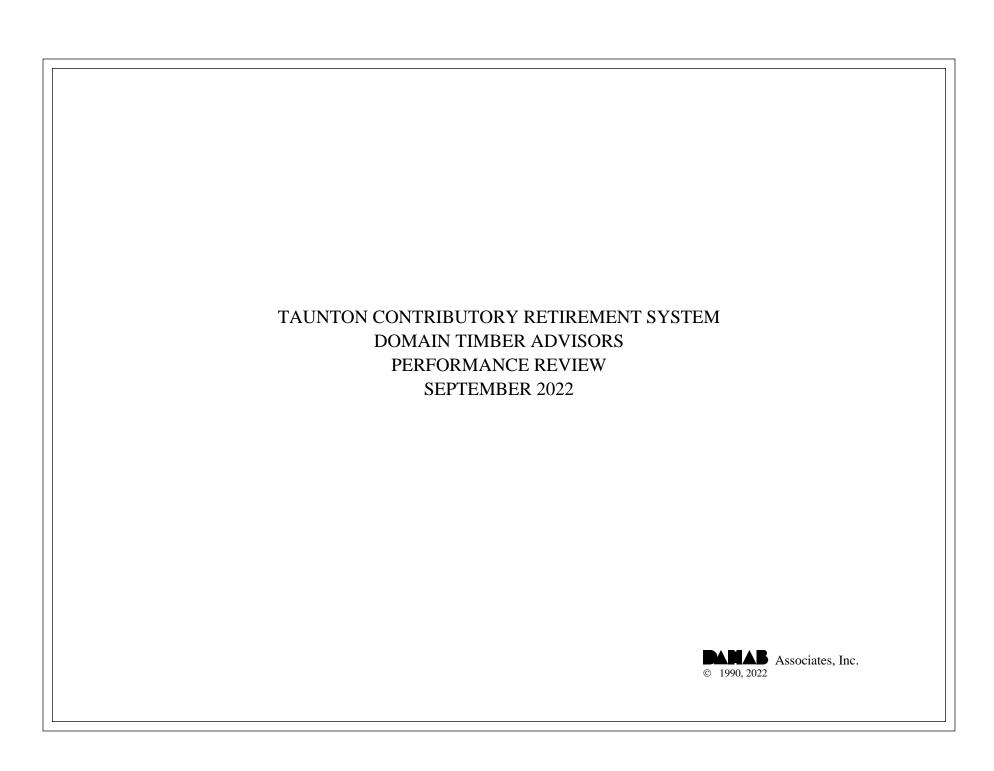
	LAST QUARTER	PERIOD 3/20 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 25,315,126 - 44,301 394,302 \$ 25,665,127	\$ 12,000,000 4,727,239 8,937,888 \$ 25,665,127
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{253,151}{141,151}$ $\overline{394,302}$	1,659,562 7,278,326 8,937,888

### COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



<b>Total Quarters Observed</b>	10
Quarters At or Above the Benchmark	10
<b>Quarters Below the Benchmark</b>	0
Batting Average	1.000

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
6/20	-0.3	-1.6	1.3		
9/20	1.0	0.5	0.5		
12/20	3.7	1.3	2.4		
3/21	2.5	2.1	0.4		
6/21	5.4	3.9	1.5		
9/21	11.1	6.6	4.5		
12/21	8.5	8.0	0.5		
3/22	8.4	7.4	1.0		
6/22	5.3	4.8	0.5		
9/22	1.5	0.5	1.0		



On September 30th, 2022, the Taunton Contributory Retirement System's Domain Timber Advisors portfolio was valued at \$1,980,531, a decrease of \$80,907 from the June ending value of \$2,061,438. Last quarter, the account recorded a net withdrawal of \$100,000, which overshadowed the fund's net investment return of \$19,093. In the absence of income receipts during the third quarter, the portfolio's net investment return figure was the product of \$19,093 in realized and unrealized capital gains.

#### **RELATIVE PERFORMANCE**

For the third quarter, the Domain Timber Advisors account gained 1.0%, which was 1.4% less than the NCREIF Timber Index's return of 2.4%. Over the trailing twelve-month period, the account returned 13.8%, which was 1.2% above the benchmark's 12.6% performance. Since June 2011, the portfolio returned 5.9% per annum, while the NCREIF Timber Index returned an annualized 5.4% over the same period.

#### **ASSET ALLOCATION**

This account was fully invested in the Domain Timber Advisors Fund.

Real Assets Investor Report							
Domain Timber Investments III							
		As of Sep	otember 30, 2	2022			
Market Value	\$	<b>1,980,531</b> Last Appraisal Date: 9/30/2022 (Preliminary)					
Initial Commitment	\$	2,500,000	100.00%				
Paid In Capital	\$	2,500,000	100.00%				
Remaining Commitment	\$	-	0.00%				
IRR		5.00%					
			% of	Recallable	% of		
Date	Co	ntributions	Commitment	Contributions	Commitment	D	istributions
Year 2011	\$	625,000	25.00%	\$ -	0.00%	\$	-
Year 2012	\$	875,000	35.00%	\$ -	0.00%	\$	-
Year 2013	\$	500,000	20.00%	\$ -	0.00%	\$	-
Year 2014	\$	500,000	20.00%	\$ -	0.00%	\$	-
Year 2015	\$	-	0.00%	\$ -	0.00%	\$	(129,178)
Year 2017	\$	-	0.00%	\$ -	0.00%	\$	(60,000)
Year 2018	\$	-	0.00%	\$ -	0.00%	\$	(336,864)
5/14/2019	\$	-	0.00%	\$ -	0.00%	\$	(68,750)
9/18/2019	\$	-	0.00%	\$ -	0.00%	\$	(123,886)
12/18/2019	\$	-	0.00%	\$ -	0.00%	\$	(62,500)
6/18/2020	\$	-	0.00%	\$ -	0.00%	\$	(43,750)
9/18/2020	\$	-	0.00%	\$ -	0.00%	\$	(75,000)
12/10/2020	\$	-	0.00%	\$ -	0.00%	\$	(200,000)
3/26/2021	\$	-	0.00%	\$ -	0.00%	\$	(92,500)
6/28/2021	\$	-	0.00%	\$ -	0.00%	\$	(104,000)
9/28/2021	\$	-	0.00%	\$ -	0.00%	\$	(152,750)
11/19/2021	\$	-	0.00%	\$ -	0.00%	\$	(152,750)
4/21/2022	\$	-	0.00%	\$ -	0.00%	\$	(122,250)
9/20/2022	\$	-	0.00%	\$ -	0.00%	\$	(100,000)
Total	\$	2,500,000	100.00%	\$ -	0.00%	\$	(1,824,178)

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 06/11
Total Portfolio - Gross	1.0	4.5	13.8	9.1	7.3	5.9
Total Portfolio - Net	1.0	4.0	13.0	8.1	6.3	5.0
NCREIF Timber	2.4	7.6	12.6	5.8	4.7	5.4
Real Assets - Gross	1.0	4.5	13.8	9.1	7.3	5.9
NCREIF Timber	2.4	7.6	12.6	5.8	4.7	5.4

ASSET ALLOCATION				
Real Assets	100.0%	\$ 1,980,531		
Total Portfolio	100.0%	\$ 1,980,531		

## INVESTMENT RETURN

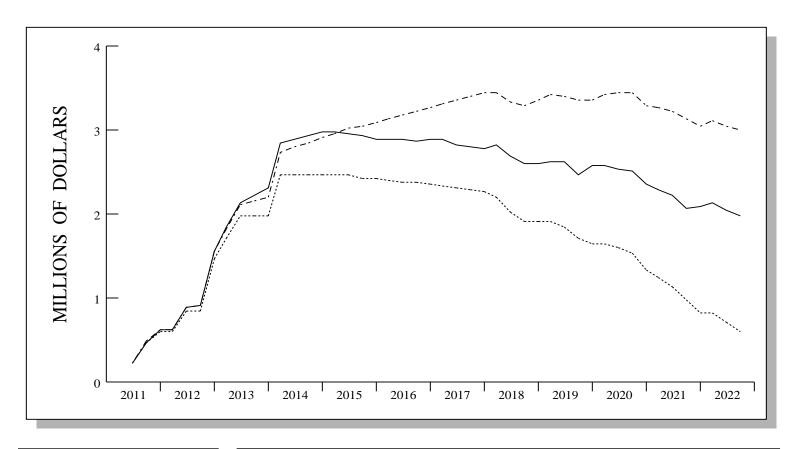
 Market Value 6/2022
 \$ 2,061,438

 Contribs / Withdrawals
 -100,000

 Income
 0

 Capital Gains / Losses
 19,093

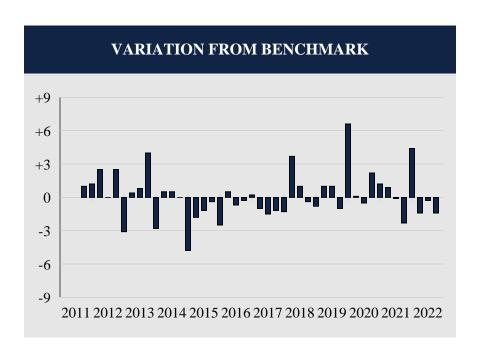
 Market Value 9/2022
 \$ 1,980,531



VALUE ASSUMING 8.0% RETURN \$ 3,015,910

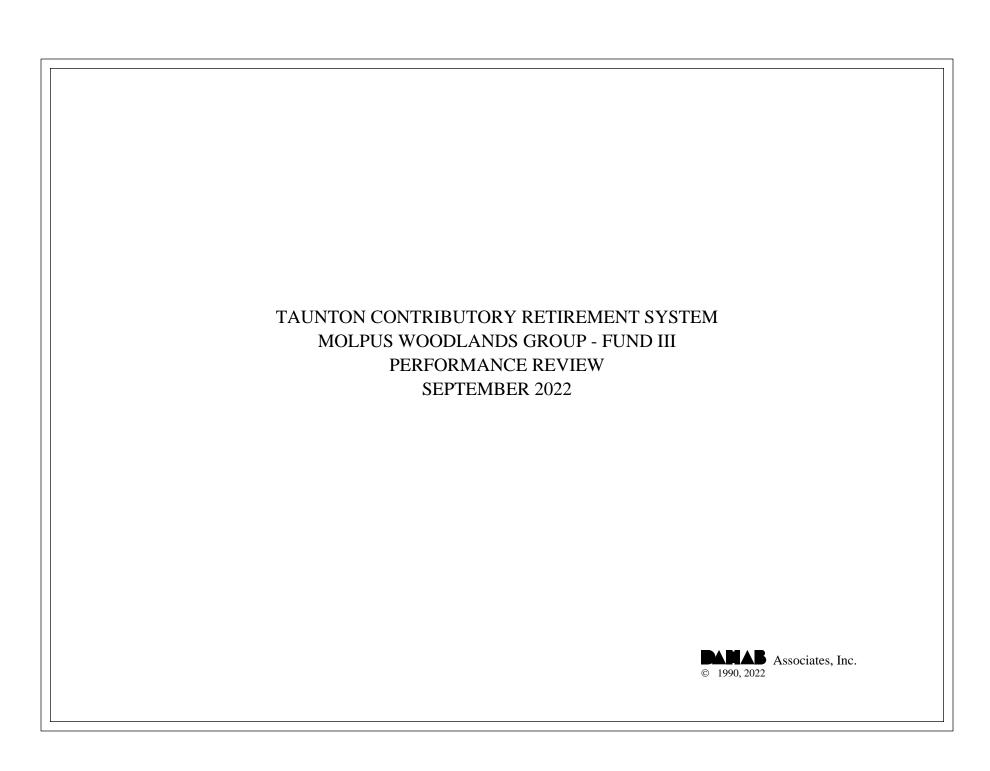
	LAST QUARTER	PERIOD 6/11 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 2,061,438 \\ -100,000 \\ \hline 19,093 \\ \$ \ 1,980,531 \end{array}$	\$ 236,632 381,917 1,361,982 \$ 1,980,531
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{19,093}$ $19,093$	68,064 1,293,918 1,361,982

### COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



Total Quarters Observed	45
Quarters At or Above the Benchmark	23
<b>Quarters Below the Benchmark</b>	22
<b>Batting Average</b>	.511

	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						
12/19	6.6	0.0	6.6						
3/20	0.2	0.1	0.1						
6/20	-0.4	0.1	-0.5						
9/20	2.2	0.0	2.2						
12/20	1.8	0.6	1.2						
3/21	1.7	0.8	0.9						
6/21	1.6	1.7	-0.1						
9/21	-0.4	1.9	-2.3						
12/21	9.0	4.6	4.4						
3/22	1.8	3.2	-1.4						
6/22	1.6	1.9	-0.3						
9/22	1.0	2.4	-1.4						



On September 30th, 2022, the Taunton Contributory Retirement System's Molpus Woodlands Group Fund III portfolio was valued at \$1,997,094, a decrease of \$17,903 from the June ending value of \$2,014,997. Last quarter, the account recorded a net withdrawal of \$44,661, which overshadowed the fund's net investment return of \$26,758. In the absence of income receipts during the third quarter, the portfolio's net investment return figure was the product of \$26,758 in realized and unrealized capital gains.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

For the third quarter, the Molpus Woodlands Group Fund III account gained 1.6%, which was 0.8% less than the NCREIF Timber Index's return of 2.4%. Over the trailing twelve-month period, the account returned 9.4%, which was 3.2% below the benchmark's 12.6% performance. Since June 2011, the portfolio returned 5.5% per annum, while the NCREIF Timber Index returned an annualized 5.4% over the same period.

#### **ASSET ALLOCATION**

This account was fully invested the Molpus Woodlands Fund III.

Real Assets Investor Report Molpus Woodlands Fund III As of September 30, 2022								
Market Value	\$	1,997,094	Last Appraisal	Date	: 9/30/2022	2		
Initial Commitment	\$	2,500,000	100.00%					
Paid In Capital	\$	2,362,500	94.50%					
Remaining Commitment	\$	137,500	5.50%					
IRR		4.68%						
			% of	Re	ecallable	% of		
Date	Co	ntributions	Commitment	Con	tributions	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)
Year 2014	\$	-	0.00%	\$	-	0.00%	\$	(190,553)
Year 2015	\$	-	0.00%	\$	-	0.00%	\$	(45,506)
Year 2016	\$	-	0.00%	\$	-	0.00%	\$	(48,630)
Year 2017	\$	-	0.00%	\$	-	0.00%	\$	(45,505)
Year 2018	\$	-	0.00%	\$	-	0.00%	\$	(156,425)
6/30/2019	\$	-	0.00%	\$	-	0.00%	\$	(28,441)
12/31/2019	\$	-	0.00%	\$	-	0.00%	\$	(61,276)
6/30/2020	\$	-	0.00%	\$	-	0.00%	\$	(62,570)
9/30/2020	\$	-	0.00%	\$	-	0.00%	\$	(25,597)
3/31/2021	\$	-	0.00%	\$	-	0.00%	\$	(199,085)
6/28/2021	\$	-	0.00%	\$	-	0.00%	\$	(102,644)
9/29/2021	\$	-	0.00%	\$	-	0.00%	\$	(102,387)
12/21/2021	\$	-	0.00%	\$	-	0.00%	\$	(41,366)
9/29/2022	\$	_	0.00%	\$		0.00%	\$	(44,661)
Total	\$	2,362,500	94.50%	\$	-	0.00%	\$	(1,444,743)

Valuations of non-public securities are provided by Molpus, based on current market and company conditions.

PERFORMANCE SUMMARY											
	Quarter YTD 1 Year 3 Year 5 Year Since 06/1										
Total Portfolio - Gross	1.6	2.7	9.4	7.7	5.3	5.5					
Total Portfolio - Net	1.3	2.0	8.3	6.6	4.2	4.5					
NCREIF Timber	2.4	7.6	12.6	5.8	4.7	5.4					
Real Assets - Gross	1.6	2.7	9.4	7.7	5.3	5.5					
NCREIF Timber	2.4	7.6	12.6	5.8	4.7	5.4					

ASSET ALLOCATION							
Real Assets	100.0%	\$ 1,997,094					
Total Portfolio	100.0%	\$ 1,997,094					

## INVESTMENT RETURN

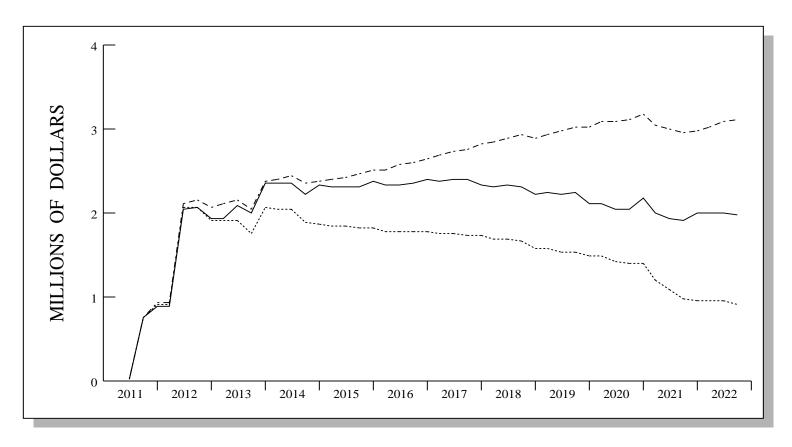
 Market Value 6/2022
 \$ 2,014,997

 Contribs / Withdrawals
 - 44,661

 Income
 0

 Capital Gains / Losses
 26,758

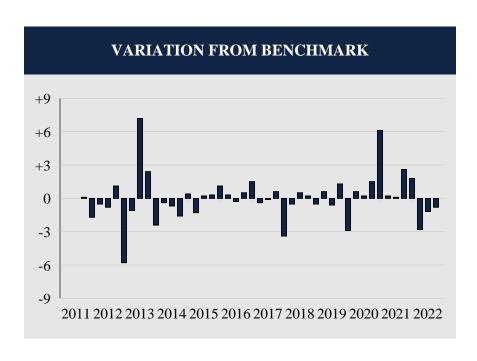
 Market Value 9/2022
 \$ 1,997,094



VALUE ASSUMING 8.0% RETURN \$ 3,112,795

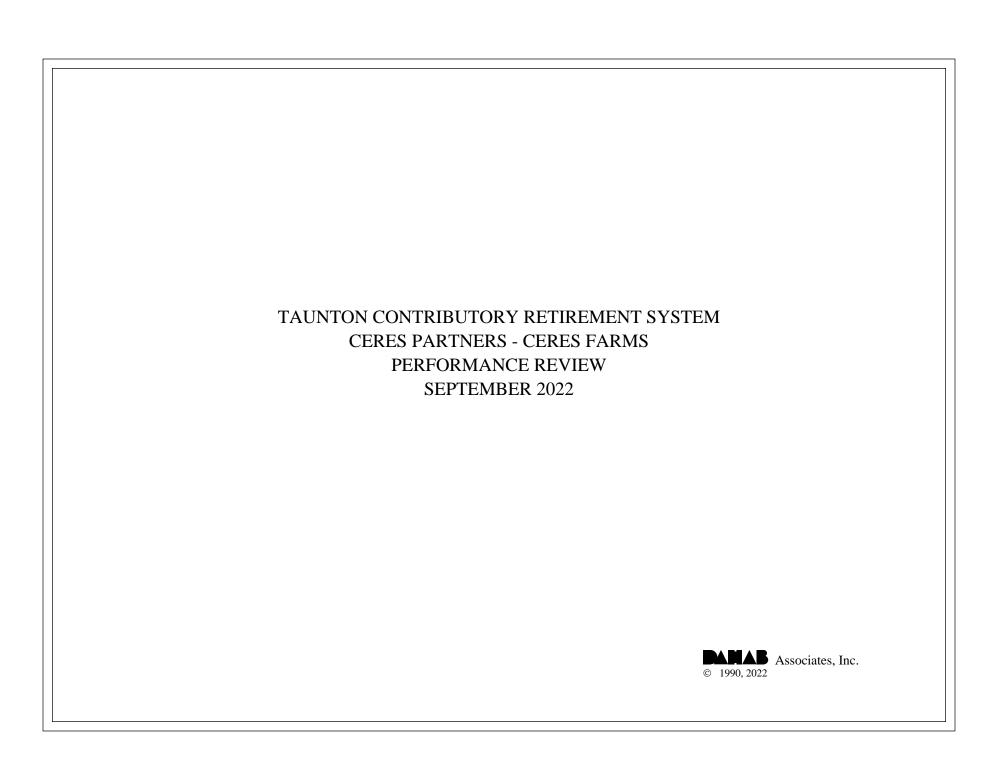
	LAST QUARTER	PERIOD 6/11 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 2,014,997 \\ -44,661 \\ \hline 26,758 \\ \$ \ 1,997,094 \end{array}$	\$ 34,781 876,946 1,085,367 \$ 1,997,094
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{26,758}$ $26,758$	$ \begin{array}{r} 14,400 \\ 1,070,967 \\ \hline 1,085,367 \end{array} $

#### COMPARATIVE BENCHMARK: NCREIF TIMBER INDEX



<b>Total Quarters Observed</b>	45
Quarters At or Above the Benchmark	24
<b>Quarters Below the Benchmark</b>	21
Batting Average	.533

RATES OF RETURN								
Date	Portfolio	Benchmark	Difference					
9/11	-0.2	-0.3	0.1					
12/11	-1.2	0.5	-1.7					
3/12	-0.1	0.4	-0.5					
6/12	-0.2	0.6	-0.8					
9/12	1.9	0.8	1.1					
12/12	0.1	5.9	-5.8					
3/13	0.4	1.5	-1.1					
6/13	8.1	0.9	7.2					
9/13	3.4	1.0	2.4					
12/13	3.5	5.9	-2.4					
3/14	1.2	1.6	-0.4					
6/14	0.4	1.1	-0.7					
9/14	-0.1	1.5	-1.6					
12/14	6.4	6.0	0.4					
3/15	0.5	1.8	-1.3					
6/15	0.7	0.5	0.2					
9/15	1.1	0.8	0.3					
12/15	3.0	1.9	1.1					
3/16	0.0	-0.3	0.3					
6/16	0.7	1.0	-0.3					
9/16	1.2	0.7	0.5					
12/16	2.7	1.2	1.5					
3/17	0.4	0.8	-0.4					
6/17	0.6	0.7	-0.1					
9/17	1.2	0.6	0.6					
12/17	-1.9	1.5	-3.4					
3/18	0.4	0.9	-0.5					
6/18	1.0	0.5	0.5					
9/18	1.2	1.0	0.2					
12/18	0.3	0.8	-0.5					
3/19	0.7	0.1	0.6					
6/19	0.4	1.0	-0.6					
9/19	1.5	0.2	1.3					
12/19	-2.9	0.0	-2.9					
3/20	0.7	0.1	0.6					
6/20	0.3	0.1	0.2					
9/20	1.5	0.0	1.5					
12/20	6.7	0.6	6.1					
3/21	1.0	0.8	0.2					
6/21	1.8	1.7	0.1					
9/21	4.5	1.9	2.6					
12/21	6.4	4.6	1.8					
3/22	0.4	3.2	-2.8					
6/22	0.7	1.9	-1.2					
9/22	1.6	2.4	-0.8					



On September 30th, 2022, the Taunton Contributory Retirement System's Ceres Partners Ceres Farms portfolio was valued at \$10,436,407, representing an increase of \$414,612 from the June quarter's ending value of \$10,021,795. Last quarter, the Fund posted withdrawals totaling \$130,069, which offset the portfolio's net investment return of \$544,681. 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 \$544,681.

#### **RELATIVE PERFORMANCE**

During the third quarter, the Ceres Partners Ceres Farms account returned 5.4%, which was 3.4% above the NCREIF Farmland Index's return of 2.0%. Over the trailing year, the portfolio returned 24.0%, which was 13.8% above the benchmark's 10.2% return. Since September 2013, the Ceres Partners Ceres Farms portfolio returned 9.8% per annum, while the NCREIF Farmland Index returned an annualized 8.2% over the same time frame.

#### **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, 2022

**Market Value** \$ **10,436,407** Last Appraisal Date: 9/30/2022

Inception to Date Summary	
Commitment Paid	\$ 6,500,000
Tax Withdrawals	\$ (5,470)
Fees (Management + Performance)	\$ (1,522,663)
Investment Gain/(Loss)	\$ 5,464,540
Net IRR	7.45%

			Tax		Fee		Investment		<b>Ending</b>		
Date	Co	Contributions		Withdrawals		(Mgmt + Perf)		Gain/(Loss)		Market Value	
2013*	\$	2,500,000	\$	-	\$	(46,769)	\$	181,371	\$	2,634,602	
2014	\$	2,000,000	\$	(394)	\$	(95,720)	\$	352,484	\$	4,890,972	
2015	\$	-	\$	(989)	\$	(96,207)	\$	279,250	\$	5,073,026	
2016	\$	-	\$	(845)	\$	(92,595)	\$	255,297	\$	5,234,883	
2017	\$	-	\$	(808)	\$	(100,485)	\$	287,643	\$	5,421,233	
2018	\$	-	\$	(597)	\$	(107,472)	\$	314,723	\$	5,627,887	
2019	\$	-	\$	(285)	\$	(144,959)	\$	490,051	\$	5,972,694	
2020	\$	-	\$	(428)	\$	(156,678)	\$	535,629	\$	6,351,217	
2021	\$	2,000,000	\$	(420)	\$	(298,640)	\$	1,157,905	\$	9,210,062	
1Q2022	\$	-	\$	_	\$	(149,408)	\$	648,456	\$	9,709,110	
2Q2022	\$	-	\$	(704)	\$	(103,661)	\$	417,050	\$	10,021,795	
3Q2022	\$		\$		\$	(130,069)	\$	544,681	\$	10,436,407	
Total	\$	6,500,000	\$	(5,470)	\$	(1,522,663)	\$	4,919,859	\$	10,436,407	

<sup>\*</sup>Inception is 7/1/2013

PERFORMANCE SUMMARY									
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/13			
Total Portfolio - Gross	5.4	17.7	24.0	14.8	11.6	9.8			
Total Portfolio - Net	4.1	13.3	18.0	10.8	8.3	6.9			
NCREIF Farmland	2.0	6.2	10.2	6.5	6.3	8.2			
Real Assets - Gross	5.4	17.7	24.0	14.8	11.6	9.8			
NCREIF Farmland	2.0	6.2	10.2	6.5	6.3	8.2			

ASSET ALLOCATION					
Real Assets	100.0%	\$ 10,436,407			
Total Portfolio	100.0%	\$ 10,436,407			

## INVESTMENT RETURN

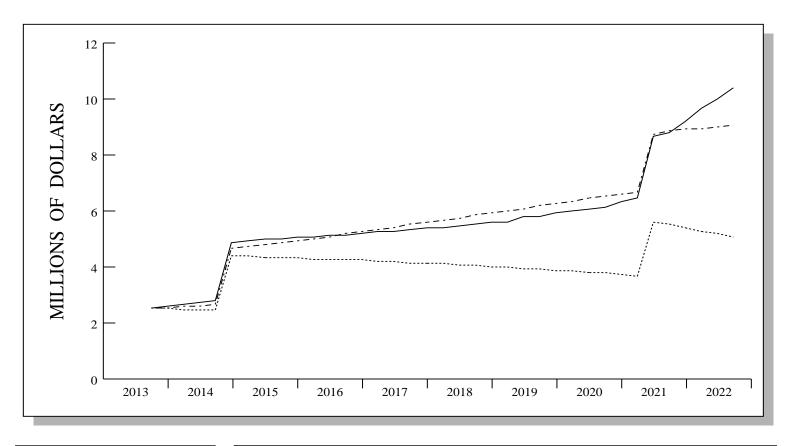
 Market Value 6/2022
 \$ 10,021,795

 Contribs / Withdrawals
 -130,069

 Income
 0

 Capital Gains / Losses
 544,681

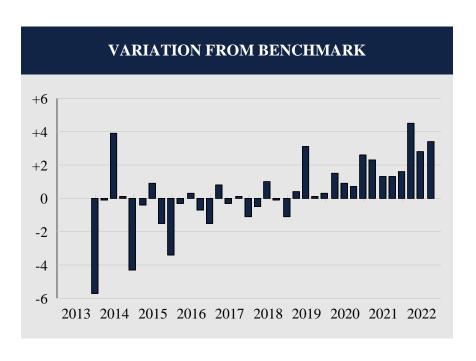
 Market Value 9/2022
 \$ 10,436,407



VALUE ASSUMING 8.0% RETURN \$ 9,101,841

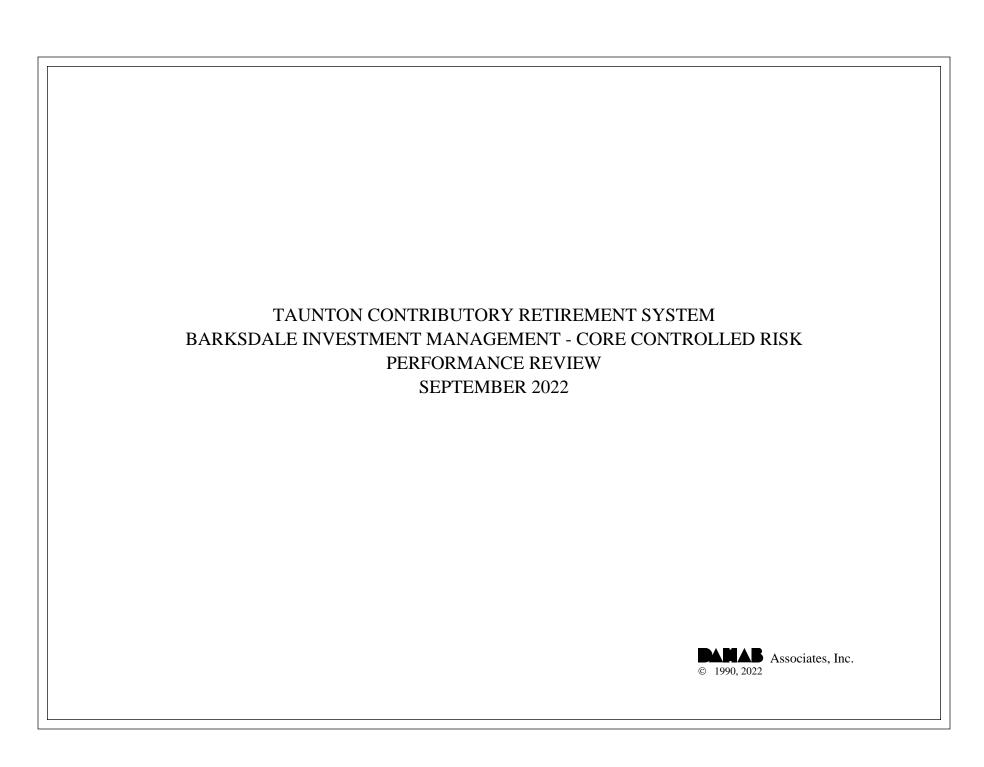
	LAST QUARTER	PERIOD 9/13 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 10,021,795 -130,069 544,681 \$ 10,436,407	\$ 2,566,276 2,510,607 5,359,524 \$ 10,436,407
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{544,681}$ 544,681	$ \begin{array}{r} 956,384 \\ 4,403,140 \\ \hline 5,359,524 \end{array} $

### COMPARATIVE BENCHMARK: NCREIF FARMLAND INDEX



<b>Total Quarters Observed</b>	36
Quarters At or Above the Benchmark	22
Quarters Below the Benchmark	14
Batting Average	.611

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 9/14	5.6 1.6	1.7 1.5	3.9 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 12/15	1.0 0.9	2.5 4.3	-1.5 -3.4			
3/16	1.1	1.4	-0.3			
6/16	1.6	1.3	0.3			
9/16 12/16	0.7 1.4	1.4 2.9	-0.7 -1.5			
3/17	1.3	0.5	0.8			
6/17	1.3	1.6	-0.3			
9/17	1.1 1.8	1.0 2.9	0.1 -1.1			
12/17 3/18	0.8	2.9 1.3	-1.1 -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 6/19	1.1 3.8	0.7 0.7	0.4 3.1			
9/19	1.1	1.0	0.1			
12/19	2.6	2.3	0.3			
3/20 6/20	1.4 1.5	-0.1 0.6	1.5 0.9			
9/20	1.7	1.0	0.7			
12/20	4.2	1.6	2.6			
3/21	3.2	0.9	2.3			
6/21 9/21	2.8 2.8	1.5 1.5	1.3 1.3			
12/21	5.4	3.8	1.6			
3/22	7.1	2.6	4.5			
6/22 9/22	4.3 5.4	1.5 2.0	2.8 3.4			
		0	· · ·			



On September 30th, 2022, the Taunton Contributory Retirement System's Barksdale Investment Management Core Controlled Risk portfolio was valued at \$21,544,803, representing an increase of \$3,002,385 from the June quarter's ending value of \$18,542,418. Last quarter, the Fund posted net contributions totaling \$3,990,792, which overshadowed the account's \$988,407 net investment loss that was sustained during the quarter. The fund's net investment loss was a result of income receipts totaling \$101,365 and realized and unrealized capital losses totaling \$1,089,772.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the third quarter, the Barksdale Investment Management Core Controlled Risk portfolio lost 4.6%, which was 0.2% greater than the Bloomberg Aggregate Index's return of -4.8% and ranked in the 56th percentile of the Core Fixed Income universe. Over the trailing year, the portfolio returned -13.9%, which was 0.7% greater than the benchmark's -14.6% performance, and ranked in the 26th percentile. Since March 2015, the account returned 0.7% per annum and ranked in the 40th percentile. For comparison, the Bloomberg Aggregate Index returned an annualized 0.4% over the same time frame.

#### **ASSET ALLOCATION**

At the end of the third quarter, fixed income comprised 93.3% of the total portfolio (\$20.1 million), while cash & equivalents comprised the remaining 6.7% (\$1.4 million).

### **BOND ANALYSIS**

At the end of the quarter, nearly 60% of the total bond portfolio was comprised of USG quality securities. Corporate securities, rated AAA through BBB made up the remainder, giving the portfolio an overall average quality rating of AAA. The average maturity of the portfolio was 8.72 years, longer than the Bloomberg Barclays Aggregate Index's 8.52-year maturity. The average coupon was 2.44%.

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/15
Total Portfolio - Gross	-4.6	-13.8	-13.9	-3.0	0.0	0.7
CORE FIXED INCOME RANK	(56)	(26)	(26)	(70)	(81)	(40)
Total Portfolio - Net	-4.7	-13.9	-14.1	-3.2	-0.2	0.5
Aggregate Index	-4.8	-14.6	-14.6	-3.3	-0.3	0.4
Fixed Income - Gross	-4.7	-14.5	-14.6	-3.2	-0.1	0.7
CORE FIXED INCOME RANK	(63)	(65)	(69)	(90)	(86)	(41)
Aggregate Index	-4.8	-14.6	-14.6	-3.3	-0.3	0.4
Gov/Credit	-4.6	-15.1	-14.9	-3.1	0.0	0.6

ASSET ALLOCATION						
Fixed Income Cash	93.3% 6.7%	\$ 20,095,410 1,449,393				
Total Portfolio	100.0%	\$ 21,544,803				

## INVESTMENT RETURN

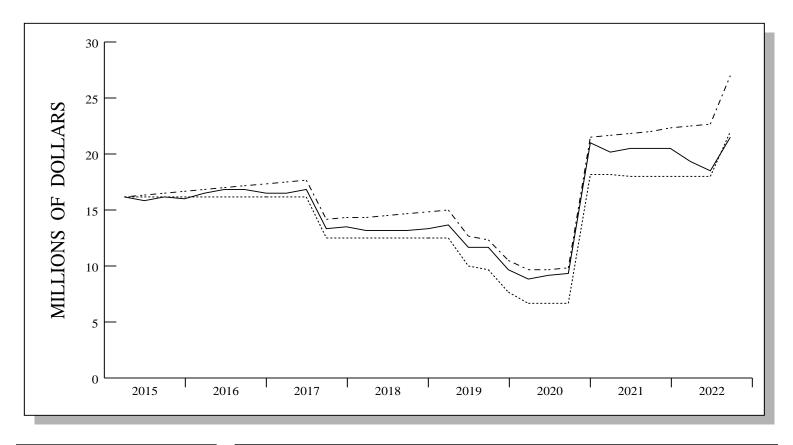
 Market Value 6/2022
 \$ 18,542,418

 Contribs / Withdrawals
 3,990,792

 Income
 101,365

 Capital Gains / Losses
 -1,089,772

 Market Value 9/2022
 \$ 21,544,803

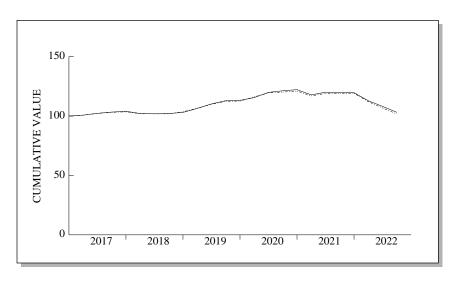


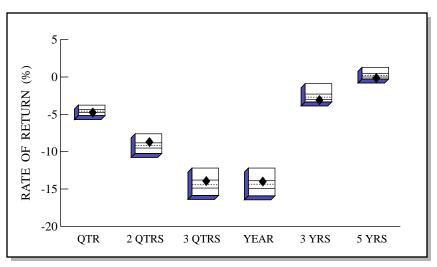
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING
4.0% RETURN \$ 27,008,549

	LAST QUARTER	PERIOD 3/15 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 18,542,418 3,990,792 -988,407 \$ 21,544,803	\$ 16,237,613 5,872,377 -565,187 \$ 21,544,803
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 101,365 \\ -1,089,772 \\ \hline -988,407 \end{array} $	2,883,015 -3,448,202 -565,187

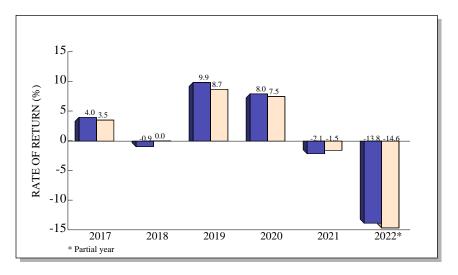
## TOTAL RETURN COMPARISONS





Core Fixed Income Universe





	QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	-4.6 (56)	-8.6 (18)	-13.8 (26)	-13.9 (26)	-3.0 (70)	0.0 (81)
5TH %ILE	-3.8	-7.6	-12.2	-12.2	-0.9	1.3
25TH %ILE	-4.4	-8.8	-13.8	-13.9	-2.3	0.5
MEDIAN	-4.6	-9.2	-14.4	-14.4	-2.7	0.2
75TH %ILE	-4.8	-9.5	-14.9	-14.9	-3.0	0.0
95TH %ILE	-5.2	-10.2	-15.9	-15.9	-3.3	-0.3
Agg	-4.8	-9.2	-14.6	-14.6	-3.3	-0.3

Core Fixed Income Universe

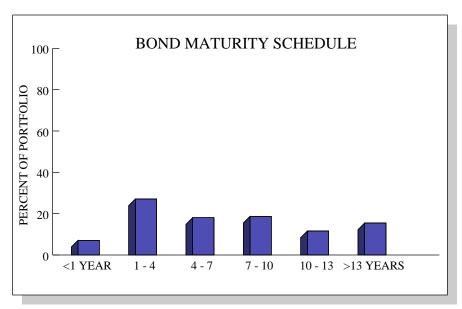
### COMPARATIVE BENCHMARK: BLOOMBERG AGGREGATE INDEX

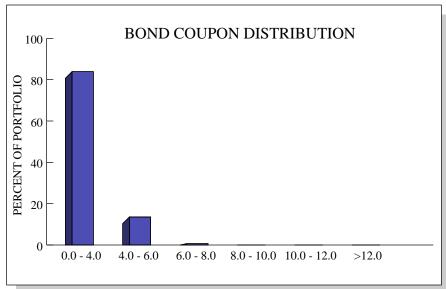


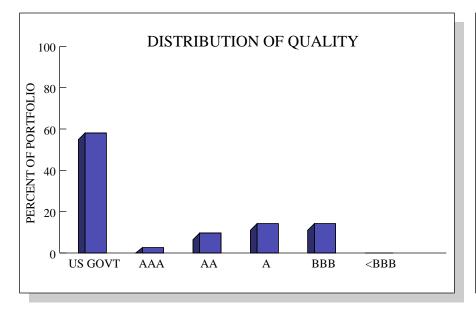
<b>Total Quarters Observed</b>	30
Quarters At or Above the Benchmark	22
<b>Quarters Below the Benchmark</b>	8
Batting Average	.733

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/15	-1.7	-1.7	0.0			
9/15	1.5	1.2	0.3			
12/15	-0.3	-0.6	0.3			
3/16	3.0	3.0	0.0			
6/16	1.9	2.2	-0.3			
9/16	0.3	0.5	-0.2			
12/16 3/17 6/17 9/17 12/17 3/18	-2.5 0.8 1.5 1.0 0.6	-3.0 0.8 1.4 0.8 0.4 -1.5	0.5 0.0 0.1 0.2 0.2			
5/18	-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			
12/19	0.3	0.2	0.1			
3/20	2.0	3.1	-1.1			
6/20	3.8	2.9	0.9			
9/20	1.1	0.6	0.5			
12/20	0.8	0.7	0.1			
3/21	-3.6	-3.4	-0.2			
6/21	1.9	1.8	0.1			
9/21	-0.2	0.1	-0.3			
12/21	-0.1	0.0	-0.1			
3/22	-5.7	-5.9	0.2			
6/22	-4.2	-4.7	0.5			
9/22	-4.6	-4.8	0.2			

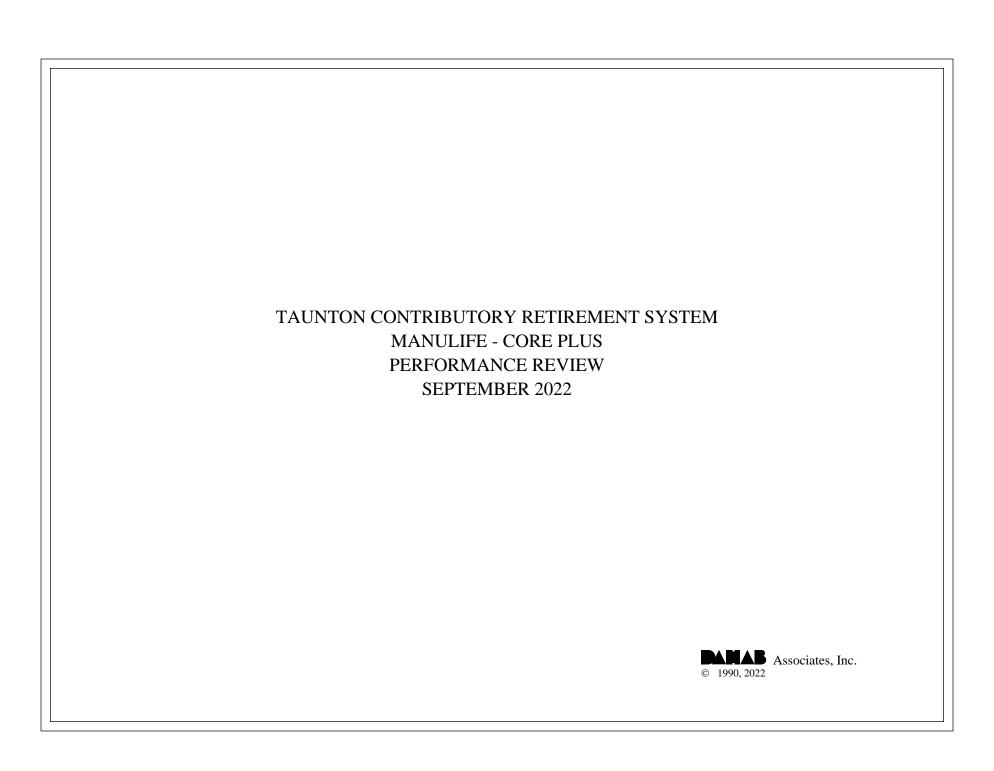
### **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	131	12,667
Duration	6.59	6.20
YTM	5.01	4.75
Average Coupon	2.44	2.58
Avg Maturity / WAL	8.72	8.52
Average Quality	AAA	AA



On September 30th, 2022, the Taunton Contributory Retirement System's Manulife Core Plus portfolio was valued at \$16,201,591, a decrease of \$713,250 from the June ending value of \$16,914,841. Last quarter, the account recorded total net withdrawals of \$12,892 in addition to \$700,358 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 Manulife Core Plus portfolio lost 4.1%, which was 0.7% greater than the Bloomberg Aggregate Index's return of -4.8% and ranked in the 15th percentile of the Core Fixed Income universe. Over the trailing twelve-month period, this portfolio returned -15.8%, which was 1.2% below the benchmark's -14.6% return, and ranked in the 93rd percentile. Since March 2015, the portfolio returned 1.4% per annum and ranked in the 9th percentile. For comparison, the Bloomberg Aggregate Index returned an annualized 0.4% over the same period.

#### **BOND ANALYSIS**

At the end of the quarter, approximately 40% of the total bond portfolio was comprised of USG quality securities. The remainder of the portfolio consisted of corporate securities, rated AAA through less than BBB, giving the portfolio an overall average quality rating of AA. The average maturity of the portfolio was 12.26 years, significantly longer than the Bloomberg Barclays Aggregate Index's 8.52-year maturity. The average coupon was 3.64%.

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/15
Total Portfolio - Gross	-4.1	-15.9	-15.8	-2.4	0.5	1.4
CORE FIXED INCOME RANK	(15)	(95)	(93)	(29)	(23)	(9)
Total Portfolio - Net	-4.2	-16.0	-16.0	-2.7	0.3	1.1
Aggregate Index	-4.8	-14.6	-14.6	-3.3	-0.3	0.4
Fixed Income - Gross	-4.1	-15.9	-15.8	-2.4	0.5	1.4
CORE FIXED INCOME RANK	(15)	(95)	(93)	(29)	(23)	(9)
Aggregate Index	-4.8	-14.6	-14.6	-3.3	-0.3	0.4
Manulife Custom	-3.9	-14.9	-14.8	-2.7	0.1	1.0
High Yield Index	-0.6	-16.2	-15.6	-1.0	1.2	2.9

ASSET ALLOCATION			
Fixed Income	100.0%	\$ 16,201,591	
Total Portfolio	100.0%	\$ 16,201,591	

## INVESTMENT RETURN

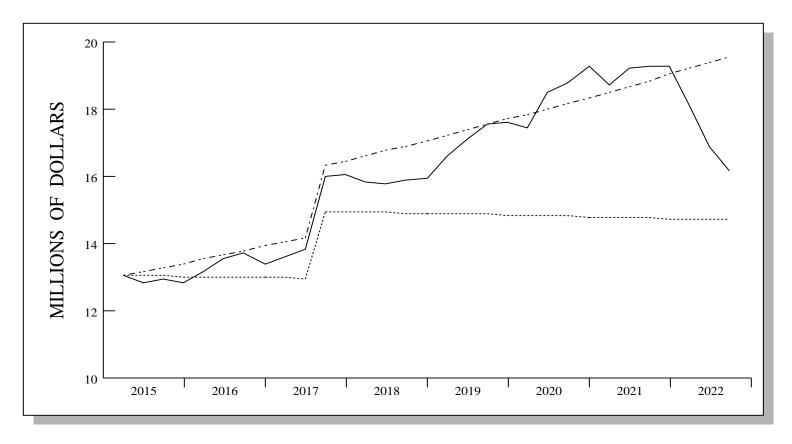
 Market Value 6/2022
 \$ 16,914,841

 Contribs / Withdrawals
 - 12,892

 Income
 0

 Capital Gains / Losses
 -700,358

 Market Value 9/2022
 \$ 16,201,591

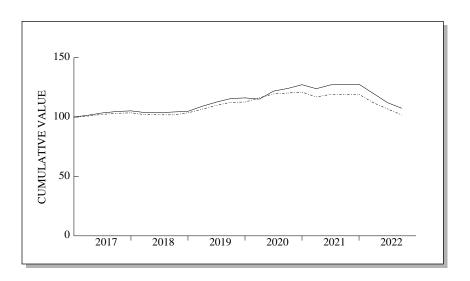


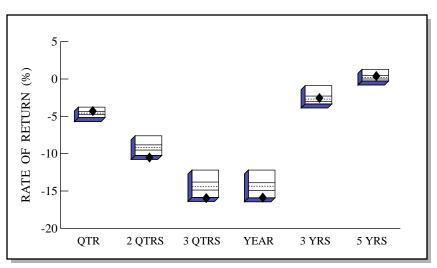
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING
4.0% RETURN \$ 19,583,033

	LAST QUARTER	PERIOD 3/15 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,914,841 - 12,892 -700,358 \$ 16,201,591	\$ 13,061,184 1,664,609 1,475,798 \$ 16,201,591
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{-700,358}$ $-700,358$	$ \begin{array}{r} 0 \\ 1,475,798 \\ \hline 1,475,798 \end{array} $

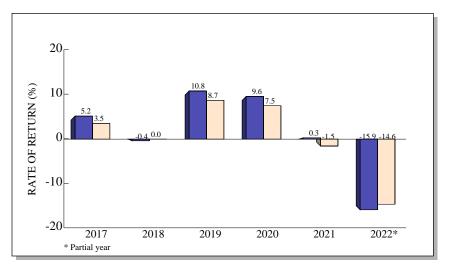
## TOTAL RETURN COMPARISONS





Core Fixed Income Universe





	OTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN	-4.1	-10.4	-15.9	-15.8	-2.4	0.5
(RANK) 5TH %ILE	(15) -3.8	(97) -7.6	(95) -12.2	(93) -12.2	(29) -0.9	(23)
25TH %ILE MEDIAN	-4.4 -4.6	-8.8 -9.2	-13.8 -14.4	-13.9 -14.4	-2.3 -2.7	0.5 0.2
75TH %ILE 95TH %ILE	-4.8 -5.2	-9.5 -10.2	-14.9 -15.9	-14.9 -15.9	-3.0 -3.3	0.0 -0.3
Agg	-4.8	-9.2	-14.6	-14.6	-3.3	-0.3

Core Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

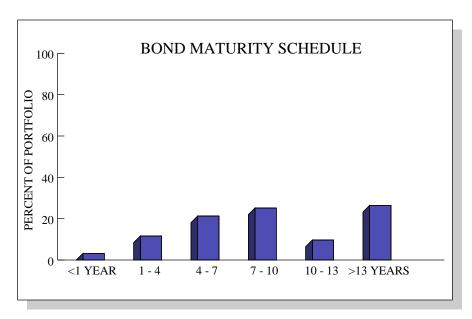
### COMPARATIVE BENCHMARK: BLOOMBERG AGGREGATE INDEX

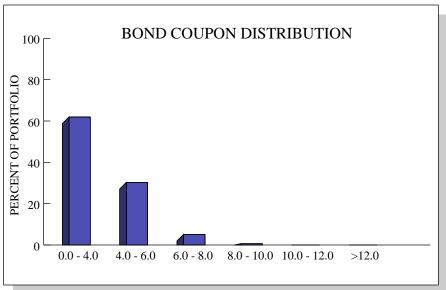


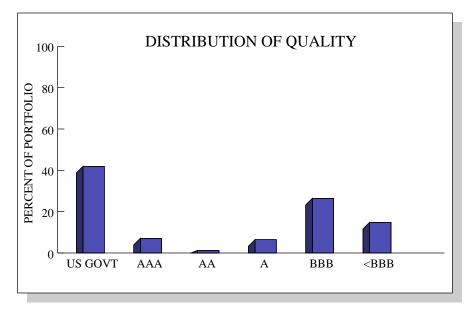
Total Quarters Observed	30
Quarters At or Above the Benchmark	24
<b>Quarters Below the Benchmark</b>	6
Batting Average	.800

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
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 9/19	-1.5 0.8 -0.6 2.7 2.8 1.5 -2.4 1.5 1.9 1.2 0.5 -1.4 -0.1 0.7 0.5 4.1 3.3 2.6 0.5	Penchmark  -1.7 1.2 -0.6 3.0 2.2 0.5 -3.0 0.8 1.4 0.8 0.4 -1.5 -0.2 0.0 1.6 2.9 3.1 2.3 0.2 3.1	Difference  0.2 -0.4 0.0 -0.3 0.6 1.0 0.6 0.7 0.5 0.4 0.1 0.1 0.1 0.7 -1.1 1.2 0.2 0.3 0.3 -4.0		
3/20 6/20 9/20 12/20 3/21 6/21 9/21 12/21 3/22 6/22	-0.9 5.9 1.8 2.6 -2.7 2.6 0.4 0.1 -6.1	2.9 0.6 0.7 -3.4 1.8 0.1 0.0 -5.9 -4.7	3.0 1.2 1.9 0.7 0.8 0.3 0.1 -0.2		
9/22	-0.5 -4.1	-4.7 -4.8	0.7		

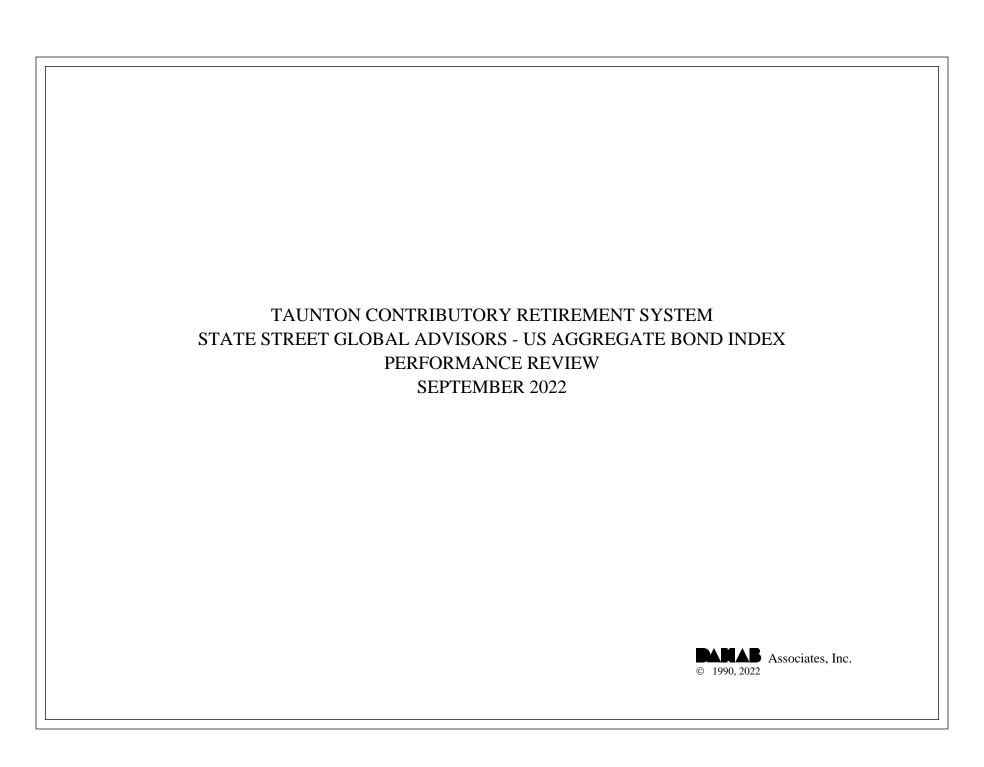
## **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	955	12,667
Duration	6.79	6.20
YTM	6.36	4.75
Average Coupon	3.64	2.58
Avg Maturity / WAL	12.26	8.52
Average Quality	AA	AA



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's State Street Global Advisors US Aggregate Bond Index portfolio was valued at \$5,494,490, a decrease of \$273,702 from the June ending value of \$5,768,192. Last quarter, the account recorded total net withdrawals of \$582 in addition to \$273,120 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 US Aggregate Bond Index portfolio lost 4.7%, which was 0.1% greater than the Bloomberg Aggregate Index's return of -4.8% and ranked in the 67th percentile of the Core Fixed Income universe. Over the trailing twelve-month period, this portfolio returned -14.6%, which was equal to the benchmark's -14.6% return, and ranked in the 67th percentile. Since September 2017, the portfolio returned -0.2% per annum and ranked in the 94th percentile. For comparison, the Bloomberg Aggregate Index returned an annualized -0.3% over the same period.

### **ASSET ALLOCATION**

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

1

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	
Total Portfolio - Gross	-4.7	-14.6	-14.6	-3.2	-0.2	
CORE FIXED INCOME RANK	(67)	(68)	(67)	(92)	(94)	
Total Portfolio - Net	-4.7	-14.6	-14.7	-3.3	-0.3	
Aggregate Index	-4.8	-14.6	-14.6	-3.3	-0.3	
Fixed Income - Gross	-4.7	-14.6	-14.6	-3.2	-0.2	
CORE FIXED INCOME RANK	(67)	(68)	(67)	(92)	(94)	
Aggregate Index	-4.8	-14.6	-14.6	-3.3	-0.3	

ASSET ALLOCATION					
100.0%	\$ 5,494,490				
100.0%	\$ 5,494,490				
	100.0%				

## INVESTMENT RETURN

 Market Value 6/2022
 \$ 5,768,192

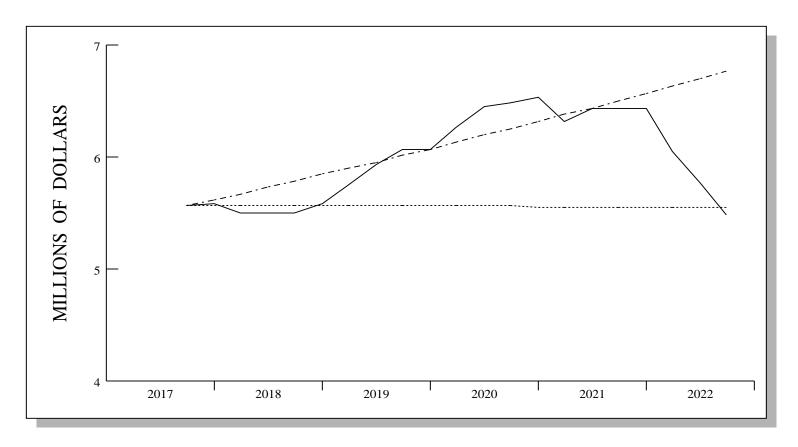
 Contribs / Withdrawals
 -582

 Income
 0

 Capital Gains / Losses
 -273,120

 Market Value 9/2022
 \$ 5,494,490

### **INVESTMENT GROWTH**

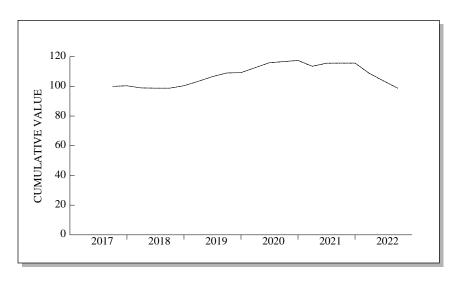


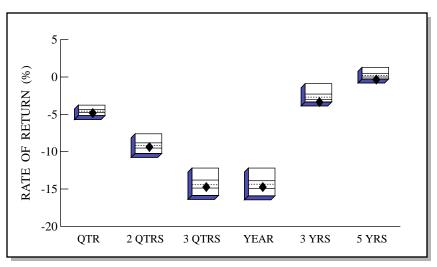
------ ACTUAL RETURN
------ 4.0%
------ 0.0%

VALUE ASSUMING 4.0% RETURN \$ 6,767,946

	LAST QUARTER	FIVE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 5,768,192 -582 -273,120 \$ 5,494,490	\$ 5,572,657 -11,037 -67,130 \$ 5,494,490
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -273,120 \\ \hline -273,120 \end{array} $	- 67,130 - 67,130

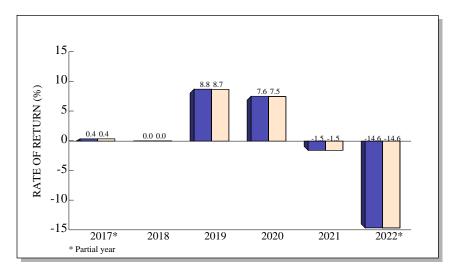
## TOTAL RETURN COMPARISONS





Core Fixed Income Universe





	OTR	2 OTRS	2 OTDS	YEAR	ANNUA	ALIZED 5 YRS
	_QIK_	<u> 2 Q1K5</u>	3 QTRS	<u>IEAR</u>	<u> </u>	<u> </u>
RETURN	-4.7	-9.2	-14.6	-14.6	-3.2	-0.2
(RANK)	(67)	(54)	(68)	(67)	(92)	(94)
5TH %ILE	-3.8	-7.6	-12.2	-12.2	-0.9	1.3
25TH %ILE	-4.4	-8.8	-13.8	-13.9	-2.3	0.5
MEDIAN	-4.6	-9.2	-14.4	-14.4	-2.7	0.2
75TH %ILE	-4.8	-9.5	-14.9	-14.9	-3.0	0.0
95TH %ILE	-5.2	-10.2	-15.9	-15.9	-3.3	-0.3
Agg	-4.8	-9.2	-14.6	-14.6	-3.3	-0.3

Core Fixed Income Universe

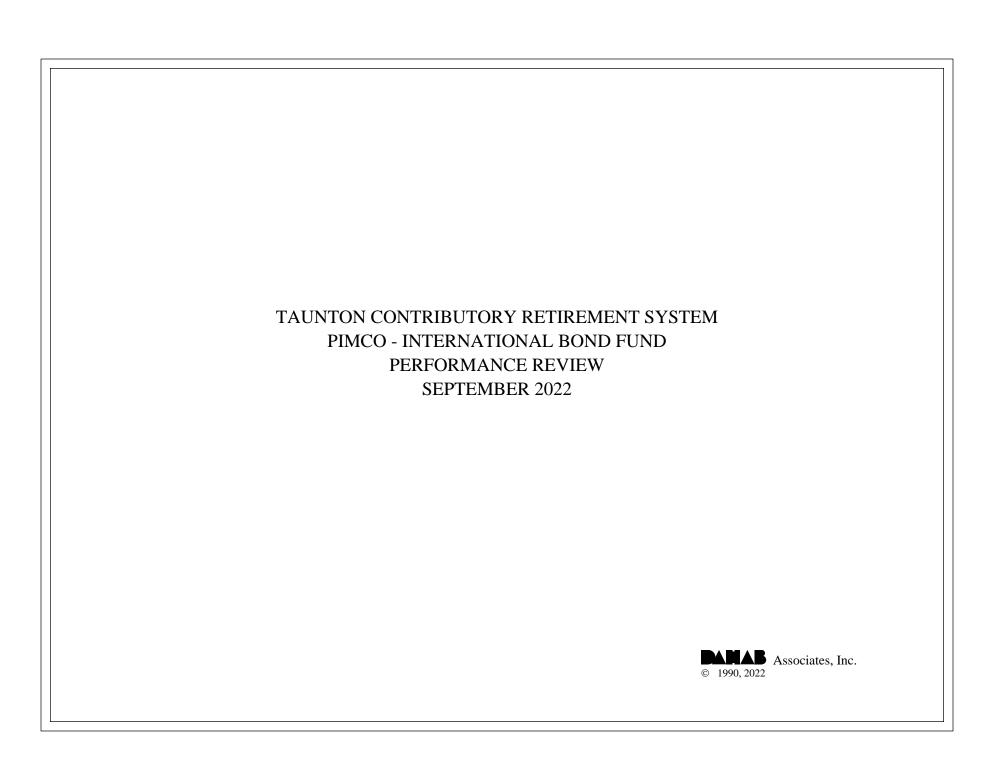
## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: BLOOMBERG AGGREGATE INDEX



20
20
0
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			
12/19	0.2	0.2	0.0			
3/20	3.1	3.1	0.0			
6/20	3.0	2.9	0.1			
9/20	0.7	0.6	0.1			
12/20	0.7	0.7	0.0			
3/21	-3.4	-3.4	0.0			
6/21	1.8	1.8	0.0			
9/21	0.1	0.1	0.0			
12/21	0.0	0.0	0.0			
3/22	-5.9	-5.9	0.0			
6/22	-4.7	-4.7	0.0			
9/22	-4.7	-4.8	0.1			



#### **INVESTMENT RETURN**

On September 30th, 2022, the Taunton Contributory Retirement System's PIMCO International Bond Fund was valued at \$8,343,256, a decrease of \$204,721 from the June ending value of \$8,547,977. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$204,721. Net investment loss was composed of income receipts totaling \$50,913 and \$255,634 in net realized and unrealized capital losses.

#### **RELATIVE PERFORMANCE**

For the third quarter, the PIMCO International Bond Fund returned -2.2%, which was equal to the Bloomberg Global Aggregate Ex US Hedged's return of -2.2% and ranked in the 23rd percentile of the International Fixed Income universe. Over the trailing year, this portfolio returned -10.4%, which was 0.5% less than the benchmark's -9.9% return, ranking in the 13th percentile. Since March 2021, the account returned -6.9% on an annualized basis and ranked in the 17th percentile. The Bloomberg Global Aggregate Ex US Hedged returned an annualized -6.4% over the same time frame.

#### **ASSET ALLOCATION**

This account was fully invested in the PIMCO International Bond Fund (PFORX).

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Quarter	YTD	1 Year	3 Year	5 Year	Since 03/21
Total Portfolio - Gross	-2.2	-10.2	-10.4			-6.9
INT'L FIXED INCOME RANK	(23)	(16)	(13)			(17)
Total Portfolio - Net	-2.4	-10.6	-10.9			-7.4
Global Agg Ex US Hedged	-2.2	-9.9	-9.9	-3.0	0.7	-6.4
Fixed Income - Gross	-2.2	-10.2	-10.4			-6.9
INT'L FIXED INCOME RANK	(23)	(16)	(13)			(17)
Global Agg Ex US Hedged	-2.2	-9.9	-9.9	-3.0	0.7	-6.4

ASSET ALLOCATION					
Fixed Income	100.0%	\$ 8,343,256			
Total Portfolio	100.0%	\$ 8,343,256			

## INVESTMENT RETURN

 Market Value 6/2022
 \$ 8,547,977

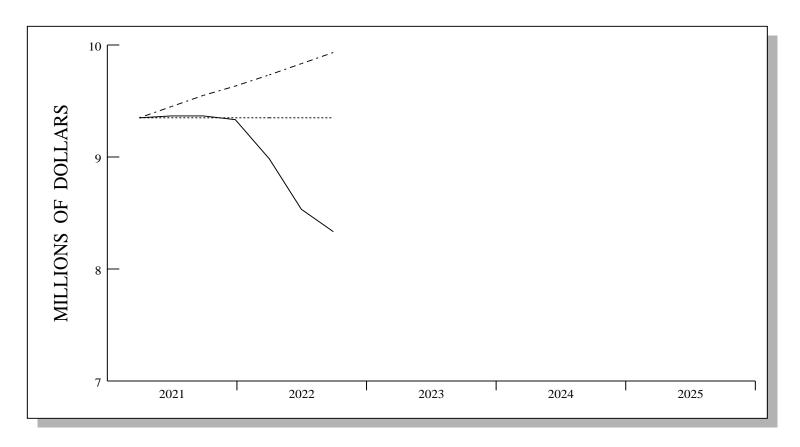
 Contribs / Withdrawals
 0

 Income
 50,913

 Capital Gains / Losses
 -255,634

 Market Value 9/2022
 \$ 8,343,256

## **INVESTMENT GROWTH**

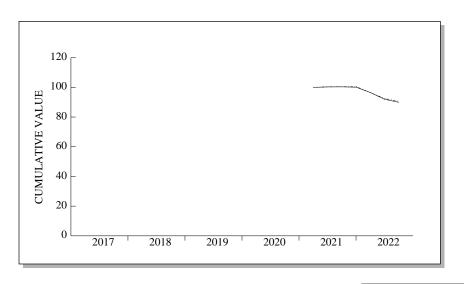


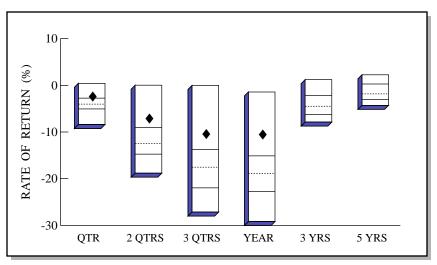
----- ACTUAL RETURN
----- 4.0%
----- 0.0%

VALUE ASSUMING 4.0% RETURN \$ 9,933,628

	LAST QUARTER	PERIOD 3/21 - 9/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 8,547,977 \\ 0 \\ -204,721 \\ \hline \$ \ 8,343,256 \end{array}$	\$ 9,366,080 0 \( \frac{-1,022,824}{8,343,256} \)
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	50,913 -255,634 -204,721	98,261 -1,121,085 -1,022,824

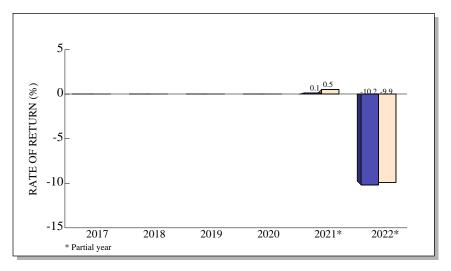
## TOTAL RETURN COMPARISONS





Int'l Fixed Income Universe



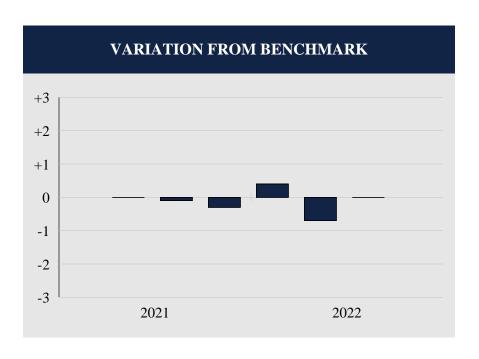


					ANNUA	LIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-2.2	-6.9	-10.2	-10.4		
(RANK)	(23)	(16)	(16)	(13)		
5TH %ILE	0.4	0.0	0.0	-1.4	1.2	2.3
25TH %ILE	-2.7	-9.0	-13.8	-15.1	-2.1	0.3
MEDIAN	-4.0	-12.4	-17.6	-18.9	-4.5	-1.8
75TH %ILE	-5.1	-14.8	-22.0	-22.8	-6.3	-3.0
95TH %ILE	-8.4	-18.8	-27.2	-29.2	-7.9	-4.3
Glo Agg Ex US	S H -2.2	-6.1	-9.9	-9.9	-3.0	0.7

Int'l Fixed Income Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: BLOOMBERG GLOBAL AGGREGATE EX US HEDGED



6
3
3
.500

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
C/21	0.2	0.2	0.0			
6/21	0.3	0.3	0.0			
9/21	0.0	0.1	-0.1			
12/21	-0.2	0.1	-0.3			
3/22	-3.6	-4.0	0.4			
6/22	-4.7	-4.0	-0.7			
9/22	-2.2	-2.2	0.0			