Andover Contributory Retirement System

Performance Review June 2023





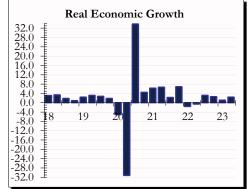
ECONOMIC ENVIRONMENT

Sentiment Shift

Investors entered the second quarter with heightened concerns about the possibility of a recession. However, as the quarter progressed, market participants largely became optimistic that the bear market had come to an end. The MSCI All Country World index demonstrated a substantial rise of 6.4%, resulting in a year-

to-date gain of 14.3%.

Furthermore, there are positive indications of economic growth, with the first estimate of Q2 2023 GDP from the Bureau of Economic Analysis increasing at a rate of 2.4%.



Despite these encouraging signs, uncertainties persist. While inflation appears to be subsiding and corporations have largely surpassed their modest earnings expectations, the Federal Reserve remains cautious, warning of potential future rate hikes and expressing the belief that inflation has not yet been fully tamed.

As we embark on the third quarter, market outlook and sentiment are notably more positive than they have been in over a year. Nonetheless, it is essential to remain vigilant and monitor certain situations. For instance, the status of the debt ceiling is yet to be determined and could potentially impact the markets. We continue

to navigate challenges, symbolized by the metaphorical "wall of worry."

The economy and labor market have shown impressive resilience, but uncertainties persist. Labor unions are advocating for a greater share of profits amid corporations recording record earnings, and their willingness to strike poses potential risks, particularly in critical sectors like trucking and logistics.

Moreover, although inflation is receding, the effects of the Federal Reserve's unprecedented rate hikes on the economy are still uncertain. Residential real estate markets, which were initially expected to decline, have remained robust, but any downturn could rapidly impact consumer price indices.

Finally, the restart of student loan payments after a pause of over two years is a possible headwind that could influence the economy. Rising credit card debt and its potential impact on consumer budgets and discretionary company earnings need to be carefully considered. Monitoring these developments will be crucial in maintaining a comprehensive understanding of the economic landscape.

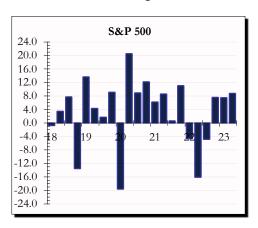
DOMESTIC EQUITIES

Building Momentum

The U.S. stock market continued to build off the first quarter's strong momentum and once again saw gains in the second quarter of 2023. The Russell 3000, an index that measures the broad domestic market, increased by 8.4%, while the S&P 500, which measures the performance of large-cap companies, gained 8.7%.

The Russell Mid Cap, which covers mid-cap companies, increased 4.8% and the Russell 2000, which tracks small-cap companies, gained 5.2%.

The tech-heavy Nasdaq gained 13.0% in the second quarter and had its best first half to start the year, up 32.3% as Information Technology was once again the best performing sector, up 17.2% year to date. Consumer Discretionary and Communication Services also had strong quarters, up 14.6% and 13.1% respectively, as the big seven companies continued to outperform. Apple, Microsoft, Nvidia, Alphabet, Tesla, Amazon, and Meta contributed



more than 70% of the S&P 500's return in the second quarter. All in all, nine of the 11 GICs sectors saw positive returns with only Energy and Utilities finishing in the red, down - 0.9% and -2.5% respectively.

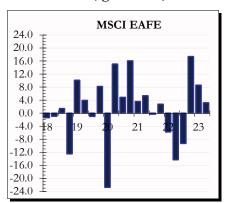
Growth stocks once again outperformed value stocks across all market capitalizations, with the largest spread in large-cap stocks. The Russell 1000 Growth finished the second quarter up 12.8% vs. 4.1% for the Russell 1000 Value, an 8.7% difference. Small cap value stocks, as measured by the Russell 2000 Value, were once again the worst performer of any of the sub-market styles. The index suffered in particular from an approximately 25% exposure

to small-cap financials, a sector that once again saw a negative return as fears continue to linger around regional banks. Regarding valuations, the gap continues to widen between large-cap companies and small-cap companies. As of June 30th, large-cap equities, using the S&P 500 as a proxy, had a trailing P/E (price-to-earnings multiple) of 23.5 while small-cap companies, using the Russell 2000 as a proxy, had a trailing P/E of 13.0.

INTERNATIONAL EQUITIES

Chugging Along

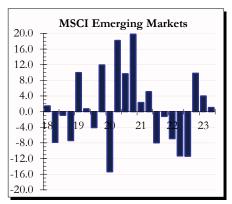
International markets continued to see gains in the second quarter of 2023, but at a slower rate than the first. The MSCI All Country World ex-US index, which tracks global markets excluding the United States, gained 2.7%.



In developed markets, the MSCI EAFE index returned 3.2%. The Far East was the strongest region, boosted by Japan's 6.4% return. The country's stock market hit its highest level in 33 years, driven by continuous buying from

foreign investors since April and ongoing expectations of corporate governance reforms and structural shifts in the macro economy. European stocks showed moderate gains with France, Germany and the UK all returning between 2 and 4%. Recent data showed

that the eurozone experienced a mild recession over the winter, with GDP declines of -0.1% in both Q4 2022 and Q1 2023.



Emerging markets delivered a small gain (1.0%) over the quarter. Eastern Europe was the top region in the index at 20.3%, due to the anticipation of rate cuts as inflation eased, beginning with Hungary's cut in June. Brazil was also a top

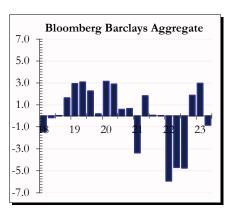
performer, returning 20.8% amid easing fiscal policy concerns, and a better-than-expected Q1 GDP print. China, the index's largest country by weighting, tempered overall performance with its -9.7% return. Tensions between the US and China were a contributing factor, as were concerns about China's economic recovery.

BOND MARKET

Safety is an Illusion

It was a mixed second quarter for bond investors. Funds sensitive to interest rates, such as long government and intermediate core bonds performed poorly, while lower-quality assets saw some gains. As inflation expectations fell, so did long-term yields.

The Bloomberg U.S. Aggregate Bond Index lost 0.8%, while its international counterpart the Bloomberg Global Aggregate Index fell 1.5%.



The yield on the 10-year U.S. Treasury rose to 3.8% by the end of June. Expectations of another rate hike by the Federal Reserve to tame stubbornly high inflation helped push the yield curve to its deepest inversion since

1981. Rate futures markets reflect a greater than 80% chance of a quarter-point hike in July, though there is much less conviction the Fed will proceed beyond that.

The Bloomberg Barclays High Yield Index gained 1.7%. Although investors retreated from credit-sensitive sectors as they braced for a recession, high yield bonds outperformed once again.

CASH EQUIVALENTS

Cash Matters Again

The three-month T-Bill returned 0.77% for the second quarter. This is the first time in 61 quarters that its return has been more than 75 basis points! Three-month treasury bills are now yielding 5.16%.

Economic Statistics

	Current Quarter	Previous Quarter
GDP (Annualized)	2.4%	2.0%
Unemployment	3.6%	3.5%
CPI All Items Year/Year	3.0%	5.0%
Fed Funds Rate	5.0%	4.7%
Industrial Capacity Utilization	78.9%	79.5%
U.S. Dollars per Euro	1.09	1.09

Major Index Returns

Index	Quarter	12 Months
Russell 3000	8.39	18.95
S&P 500	8.74	19.59
Russell Midcap	4.76	14.92
Russell 2000	5.20	12.31
MSCI EAFE	3.23	19.41
MSCI Emg. Markets	1.04	2.22
NCREIF ODCE	-2.68	-9.98
U.S. Aggregate	-0.84	-0.93
90 Day T-bills	0.77	1.74

Domestic Equity Return Distributions

Quarter

	GRO	COR	VAL
LC	12.8	8.6	4.1
MC	6.2	4.8	3.9
SC	7.1	5.2	3.2

Trailing Year

	GRO	COR	VAL
LC	27.1	19.4	11.5
мс	23.1	14.9	10.5
SC	18.5	12.3	6.0

Market Summary

- Equity markets rise
- Growth outpaces value
- Federal Reserve hesitates
- Inflation softens
- Cash has real quarterly return

INVESTMENT RETURN

On June 30th, 2023, the Andover Contributory Retirement System's Total portfolio was valued at \$356,749,483, representing an increase of \$5,921,753 from the March quarter's ending value of \$350,827,730. Last quarter, the Fund posted withdrawals totaling \$4,465,142, which offset the portfolio's net investment return of \$10,386,895. Income receipts totaling \$2,787,416 plus net realized and unrealized capital gains of \$7,599,479 combined to produce the portfolio's net investment return.

RELATIVE PERFORMANCE

Total Portfolio

For the second quarter, the Total portfolio returned 3.0%, which was 0.3% above the Policy Index's return of 2.7% and ranked in the 57th percentile of the Public Fund universe. Over the trailing year, the portfolio returned 7.1%, which was 0.3% below the benchmark's 7.4% return, ranking in the 80th percentile. Since June 2013, the portfolio returned 8.8% annualized and ranked in the 2nd percentile. The Policy Index returned an annualized 7.7% over the same period.

PRIT Core

The PRIT core portion of the portfolio returned 2.9% last quarter; that return was 0.4% better than the Custom Core Index's return of 2.5% and ranked in the 62nd percentile of the Public Fund universe. Over the trailing twelve-month period, this component returned 6.2%, 0.1% below the benchmark's 6.3% performance, ranking in the 85th percentile. Since June 2013, this component returned 8.5% on an annualized basis and ranked in the 4th percentile. The Custom Core Index returned an annualized 7.4% during the same period.

Domestic Equity

During the second quarter, the domestic equity component returned 5.8%, which was 2.6% below the Russell 3000 Index's return of 8.4% and ranked in the 51st percentile of the Domestic Equity universe. Over the trailing year, the domestic equity portfolio returned 16.0%, which was 3.0% below the benchmark's 19.0% return, and ranked in the 54th percentile.

Real Estate

For the second quarter, the real estate segment lost 0.5%, which was 2.2% above the NCREIF NFI-ODCE Index's return of -2.7%. Over the trailing year, this segment returned -2.8%, which was 7.2% better than the benchmark's -10.0% performance.

Fixed Income

During the second quarter, the fixed income segment returned 0.7%, which was 1.5% better than the Bloomberg Aggregate Index's return of -0.8% and ranked in the 25th percentile of the Broad Market Fixed Income universe. Over the trailing twelve months, the fixed income portfolio returned 3.5%, which was 4.4% better than the benchmark's -0.9% return, and ranked in the 23rd percentile.

ASSET ALLOCATION

At the end of the second quarter, PRIT core comprised 66.9% of the total portfolio (\$238.8 million), while domestic equities totaled 17.1% (\$60.9 million). The account's real estate segment was valued at \$17.7 million, representing 4.9% of the portfolio, while the fixed income component's \$13.8 million totaled 3.9%. The remaining 7.1% was comprised of cash & equivalents (\$25.5 million).

Andover Contributory Retirement System

Total Fund Asset Allocation Analysis as of June 30, 2023

Total Fund Assets: \$ 356,749,483

	PRIT Core Allocation	Andover Allocation	Target Allocation	Та	rget Dollars	A	ctual Dollars	+/- Dollars
PRIT Core	100.0%	66.9%	<u>65.0%</u>	\$	231,887,164	\$	238,814,699	\$ 6,927,535
Domestic Equity	23.6%	15.8%				\$	56,240,862	
Int'l Developed Equity	12.1%	8.1%				\$	28,872,697	
Int'l E.M. Equity	4.4%	2.9%				\$	10,460,084	
Private Equity	16.7%	11.2%				\$	39,882,055	
Real Estate	14.6%	9.8%				\$	34,962,472	
Core Fixed	13.6%	9.1%				\$	32,407,155	
Value Added	7.3%	4.9%				\$	17,361,829	
Portfolio Completion	7.8%	5.2%				\$	18,627,547	
PRIT Sleeves and Separate Ma	nagers	33.1%	<u>35.0%</u>					
PRIT Domestic Equity		6.5%	5.0%	\$	17,837,474	\$	23,298,986	\$ 5,461,512
Rhumbline Mid Cap		6.1%	5.0%	\$	17,837,474	\$	21,661,548	\$ 3,824,074
Rhumbline Small Cap		4.5%	5.0%	\$	17,837,474	\$	15,986,897	\$ (1,850,577)
PRIT Real Estate		4.9%	10.0%	\$	35,674,948	\$	17,658,354	\$ (18,016,594)
PRIT Core Fixed Income		1.7%	5.0%	\$	17,837,474	\$	6,037,515	\$ (11,799,959)
PRIT Public VAFI		2.2%	0.0%	\$	-	\$	7,794,973	\$ 7,794,973
PRIT Cash		0.0%	0.0%	\$	-	\$	80,222	\$ 80,222
MMDT Cash		7.1%	5.0%	\$	-	\$	25,416,289	\$ 25,416,289

Andover Total Fund	Target Allocation (%)	Actual Allocation (%)	+/- Percent	A	Target .llocation (\$)	A	Actual Allocation (\$)	+/- Dollars
Domestic Equity	31.0%	32.8%	1.8%	\$	110,592,340	\$	117,188,293	\$ 6,595,953
Int'l Equity	11.0%	11.0%	0.0%	\$	39,242,443	\$	39,332,781	\$ 90,338
Private Equity	10.0%	11.2%	1.2%	\$	35,674,948	\$	39,882,055	\$ 4,207,106
Real Estate	18.0%	14.8%	-3.2%	\$	64,214,907	\$	52,620,826	\$ (11,594,081)
Fixed Income	25.0%	17.8%	-7.2%	\$	89,187,371	\$	63,601,471	\$ (25,585,899)
Portfolio Completion	5.0%	5.2%	0.2%	\$	17,837,474	\$	18,627,547	\$ 790,072
Cash	<u>0.0</u> %	<u>7.1</u> %	7.1%	\$		\$	25,496,511	\$ 25,496,511
	100.0%	100.0%		\$	356,749,483	\$	356,749,483	

^{*}Domestic Equity includes Equity Hedge. Value Added includes Other Credit Opportunities and Private Debt. Portfolio Completion includes Hedge Funds, Overlay, Liquidating portfolio, and Risk Premia. Real Estate includes Real Assets and Timberland.

EXECUTIVE SUMMARY

PE	PERFORMANCE SUMMARY									
	Quarter	YTD	1 Year	3 Year	5 Year	10 Year				
Total Portfolio - Gross	3.0	6.6	7.1	11.5	8.0	8.8				
PUBLIC FUND RANK	(57)	(73)	(80)	(3)	(6)	(2)				
Total Portfolio - Net	2.9	6.4	6.7	11.1	7.6	8.3				
Policy Index	2.7	6.8	7.4	8.0	7.1	7.7				
PRIT Core - Gross	2.9	6.8	6.2	10.2	7.8	8.5				
PUBLIC FUND RANK	(62)	(71)	(85)	(5)	(7)	(4)				
Custom Core Idx	2.5	6.3	6.3	8.1	6.8	7.4				
Domestic Equity - Gross	5.8	10.7	16.0	15.1	8.5					
DOMESTIC EQUITY RANK	(51)	(48)	(54)	(40)	(62)					
Russell 3000	8.4	16.2	19.0	13.9	11.4	12.3				
Real Estate - Gross	-0.5	-1.9	-2.8	12.6	8.9					
NCREIF ODCE	-2.7	-5.8	-10.0	8.0	6.5	8.7				
Fixed Income - Gross	0.7	4.3	3.5	-0.7	2.1					
BROAD MARKET FIXED RANK	(25)	(20)	(23)	(44)	(35)					
Aggregate Index	-0.8	2.1	-0.9	-4.0	0.8	1.5				

ASSET ALLOCATION								
66.9%	\$ 238,814,699							
17.1%	60,947,431							
4.9%	17,658,354							
3.9%	13,832,488							
7.1%	25,496,511							
100.0%	\$ 356,749,483							
	66.9% 17.1% 4.9% 3.9% 7.1%							

INVESTMENT RETURN

 Market Value 3/2023
 \$ 350,827,730

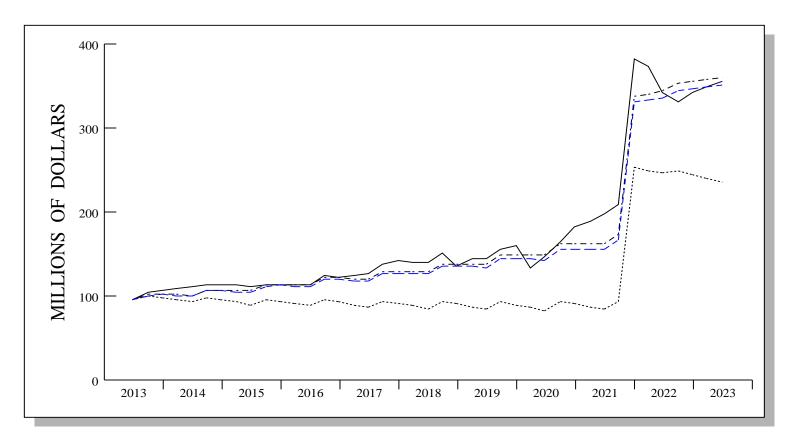
 Contribs / Withdrawals
 -4,465,142

 Income
 2,787,416

 Capital Gains / Losses
 7,599,479

 Market Value 6/2023
 \$ 356,749,483

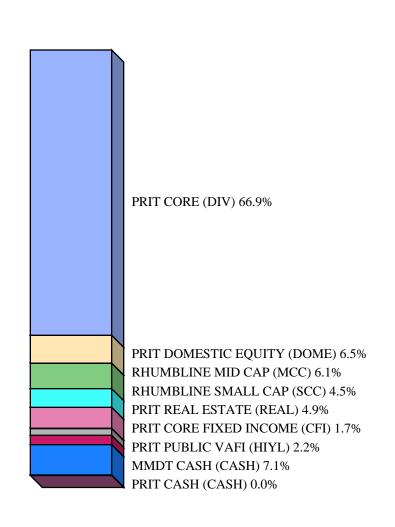
INVESTMENT GROWTH



VALUE ASSUMING
7.9% DHB PROJ \$ 362,127,597
7.4% HZN PROJ \$ 351,881,416

	LAST QUARTER	PERIOD 6/13 - 6/23
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 350,827,730 - 4,465,142 \frac{10,386,895}{356,749,483}	\$ 97,025,429 140,389,443 <u>119,334,611</u> \$ 356,749,483
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 2,787,416 \\ 7,599,479 \\ \hline 10,386,895 \end{array} $	$ \begin{array}{r} 37,706,693 \\ \underline{81,627,918} \\ 119,334,611 \end{array} $

MANAGER ALLOCATION AND TARGET SUMMARY



Name	Market Value	Percent	Target
PRIT Core (DIV)	\$238,814,699	66.9	65.0
PRIT Domestic Equity (DOME)	\$23,298,986	6.5	5.0
Rhumbline Mid Cap (MCC)	\$21,661,548	6.1	5.0
Rhumbline Small Cap (SCC)	\$15,986,897	4.5	5.0
PRIT Real Estate (REAL)	\$17,658,354	4.9	10.0
PRIT Core Fixed Income (CFI)	\$6,037,515	1.7	5.0
PRIT Public VAFI (HIYL)	\$7,794,973	2.2	0.0
MMDT Cash (CASH)	\$25,416,289	7.1	5.0
PRIT Cash (CASH)	\$80,222	0.0	0.0
Total Portfolio	\$356,749,483	100.0	100.0

MANAGER PERFORMANCE SUMMARY - GROSS OF FEES

Portfolio	(Universe)	Quarter	YTD	1 Year	3 Years	5 Years	Incept or 10 Y	
Total Portfolio	(Public Fund)	3.0 (57)	6.6 (73)	7.1 (80)	11.5 (3)	8.0 (6)	8.8 (2)	06/13
Policy Index		2.7	6.8	7.4	8.0	7.1	7.7	06/13
PRIT Core	(Public Fund)	2.9 (62)	6.8 (71)	6.2 (85)	10.2 (5)	7.8 (7)	8.5 (4)	06/13
Custom Core Idx		2.5	6.3	6.3	8.1	6.8	7.4	06/13
PRIT Domestic Equity	(Domestic Eq)	8.3 (27)	16.0 (27)	19.1 (35)	14.8 (42)	11.7 (25)	12.0 (20)	09/17
Russell 3000		8.4	16.2	19.0	13.9	11.4	11.6	09/17
Rhumbline Mid Cap	(MC Core)	4.8 (50)	8.8 (73)	17.6 (57)	15.4 (43)	7.8 (79)	7.8 (79)	06/18
S&P 400		4.9	8.8	17.6	15.4	7.8	7.8	06/18
Rhumbline Small Cap	(SC Core)	3.4 (81)	6.0 (77)	9.7 (91)	15.1 (36)	5.2 (88)	5.2 (88)	06/18
S&P 600		3.4	6.0	9.8	15.2	5.2	5.2	06/18
PRIT Real Estate		-0.5	-1.9	-2.8	12.6	8.9	9.1	09/17
NCREIF ODCE		-2.7	-5.8	-10.0	8.0	6.5	6.8	09/17
PRIT Core Fixed Income	(Core Fixed)	-1.3 (99)	3.0 (14)	-2.7 (99)	-5.1 (99)	1.1 (68)	1.0 (13)	09/17
Aggregate Index		-0.8	2.1	-0.9	-4.0	0.8	0.4	<i>09/17</i>
PRIT Public VAFI	(Hi Yield)	2.3 (14)	5.3 (23)	9.0 (42)	3.3 (61)	3.0 (95)	2.6 (65)	09/17
Value Added Idx		2.5	5.9	9.5	3.3	3.1	2.8	09/17

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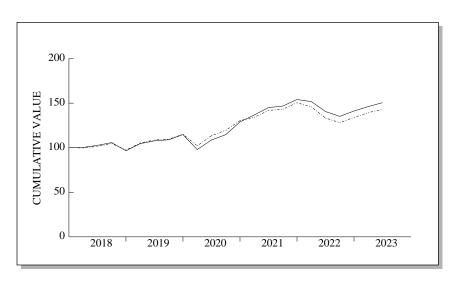
MANAGER PERFORMANCE SUMMARY - NET OF FEES

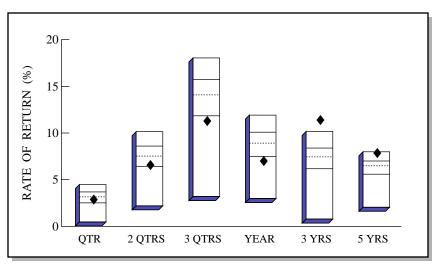
Portfolio	Quarter	YTD	1 Year	3 Years	5 Years	Incer or 10	
Total Portfolio	2.9	6.4	6.7	11.1	7.6	8.3	06/13
Policy Index	2.7	6.8	7.4	8.0	7.1	7.7	06/13
PRIT Core	2.8	6.6	5.6	9.7	7.2	8.0	06/13
Custom Core Idx	2.5	6.3	6.3	8.1	6.8	7.4	06/13
PRIT Domestic Equity	8.3	15.9	18.9	14.7	11.6	11.9	09/17
Russell 3000	8.4	16.2	19.0	13.9	11.4	11.6	09/17
Rhumbline Mid Cap	4.8	8.8	17.5	15.4	7.7	7.7	06/18
S&P 400	4.9	8.8	17.6	15.4	7.8	7.8	06/18
Rhumbline Small Cap	3.4	6.0	9.7	15.1	5.2	5.2	06/18
S&P 600	3.4	6.0	9.8	15.2	5.2	5.2	06/18
PRIT Real Estate	-0.6	-2.2	-3.1	11.9	8.3	8.5	09/17
NCREIF ODCE	-2.7	-5.8	-10.0	8.0	6.5	6.8	09/17
PRIT Core Fixed Income	-1.3	2.9	-2.8	-5.2	1.0	0.9	09/17
Aggregate Index	-0.8	2.1	-0.9	-4.0	0.8	0.4	09/17
PRIT Public VAFI	2.2	5.1	8.5	2.9	2.5	2.1	09/17
Value Added Idx	2.5	5.9	9.5	3.3	3.1	2.8	09/17

INVESTMENT RETURN SUMMARY - ONE QUARTER

Name	Quarter Total Return	Market Value March 31st, 2023	Net Cashflow	Net Investment Return	Market Value June 30th, 2023
PRIT Core (DIV)	2.9	228,319,207	3,766,313	6,729,179	238,814,699
PRIT Domestic Equity (DOME)	8.3	21,514,403	-6,847	1,791,430	23,298,986
Rhumbline Mid Cap (MCC)	4.8	20,661,916	0	999,632	21,661,548
Rhumbline Small Cap (SCC)	3.4	15,463,045	0	523,852	15,986,897
PRIT Int'l Equity (INEQ)		3,477,895	-3,477,895	0	0
PRIT Emerging Mkts (EMKT)		4,781,839	-4,781,839	0	0
PRIT Real Estate (REAL)	-0.5	17,769,805	-16,976	-94,475	17,658,354
PRIT Core Fixed Income (CFI)	-1.3	6,116,410	-1,236	-77,659	6,037,515
PRIT Public VAFI (HIYL)	2.3	7,627,577	-8,012	175,408	7,794,973
MMDT Cash (CASH)		25,090,715	0	325,574	25,416,289
PRIT Cash (CASH)		4,918	61,350	13,954	80,222
Total Portfolio	3.0	350,827,730	-4,465,142	10,386,895	356,749,483

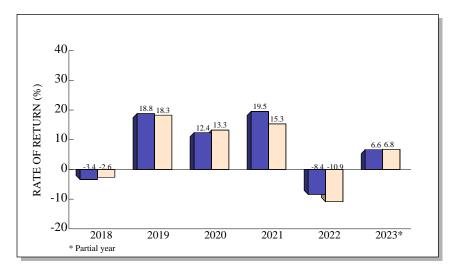
TOTAL RETURN COMPARISONS





Public Fund Universe



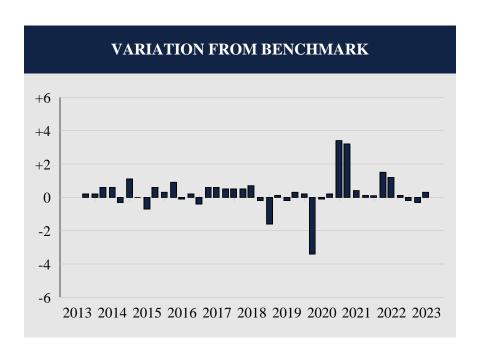


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	3.0	6.6	11.4	7.1	11.5	8.0
(RANK)	(57)	(73)	(80)	(80)	(3)	(6)
5TH %ILE	4.5	10.1	18.0	11.9	10.2	8.0
25TH %ILE	3.7	8.6	15.7	10.1	8.4	7.0
MEDIAN	3.2	7.5	14.1	8.9	7.4	6.5
75TH %ILE	2.5	6.4	11.8	7.5	6.2	5.6
95TH %ILE	0.5	2.2	3.2	3.0	0.8	2.0
Policy	2.7	6.8	11.7	7.4	8.0	7.1

Public Fund Universe

TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

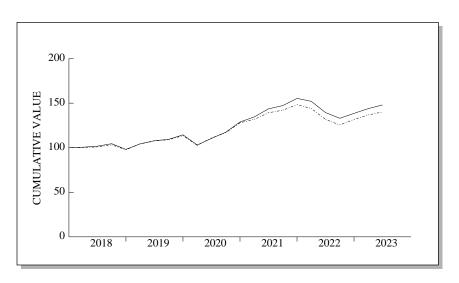
COMPARATIVE BENCHMARK: POLICY INDEX

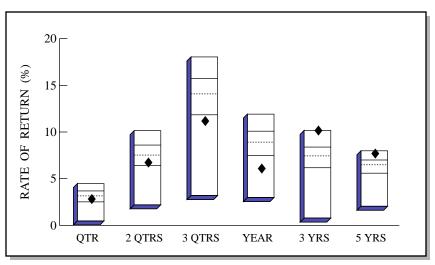


Total Quarters Observed	40
Quarters At or Above the Benchmark	29
Quarters Below the Benchmark	11
Batting Average	.725

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/13	4.9	4.7	0.2				
12/13	4.8	4.6	0.2				
3/14	2.7	2.1	0.6				
6/14	4.1	3.5	0.6				
9/14	-0.8	-0.5	-0.3				
12/14	2.1	1.0	1.1				
3/15 6/15 9/15	2.7 0.0 -3.6 2.4	2.7 0.7 -4.2 2.1	0.0 -0.7 0.6				
12/15 3/16 6/16 9/16	1.9 1.9 4.2	1.0 2.0 4.0	0.3 0.9 -0.1 0.2				
12/16	-0.2	0.2	-0.4				
3/17	4.9	4.3	0.6				
6/17	3.8	3.2	0.6				
9/17	4.0	3.5	0.5				
12/17	4.4	3.9	0.5				
3/18	0.3	-0.2	0.5				
6/18	2.3	1.6	0.7				
9/18	3.1	3.3	-0.2				
12/18	-8.7	-7.1	-1.6				
3/19	8.3	8.2	0.1				
6/19	3.0	3.2	-0.2				
9/19	1.1	0.8	0.3				
12/19	5.3	5.1	0.2				
3/20	-14.7	-11.3	-3.4				
6/20	11.0	11.1	-0.1				
9/20	5.5	5.3	0.2				
12/20	12.5	9.1	3.4				
3/21	6.1	2.9	3.2				
6/21	6.1	5.7	0.4				
9/21	1.1	1.0	0.1				
12/21	5.1	5.0	0.1				
3/22	-1.5	-3.0	1.5				
6/22	-7.4	-8.6	1.2				
9/22	-3.8	-3.9	0.1				
12/22	4.4	4.6	-0.2				
3/23	3.6	3.9	-0.3				
6/23	3.0	2.7	0.3				

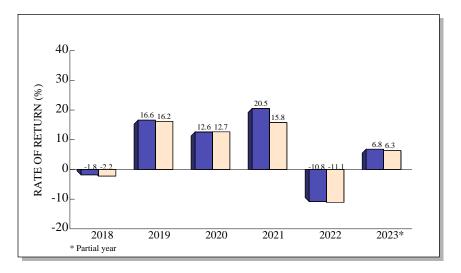
PRIT CORE RETURN COMPARISONS





Public Fund Universe

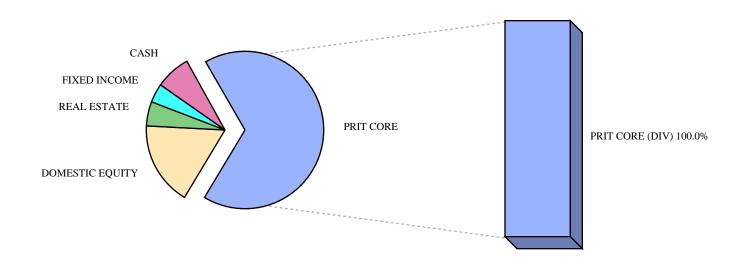




					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	2.9	6.8	11.3	6.2	10.2	7.8
(RANK)	(62)	(71)	(81)	(85)	(5)	(7)
5TH %ILE	4.5	10.1	18.0	11.9	10.2	8.0
25TH %ILE	3.7	8.6	15.7	10.1	8.4	7.0
MEDIAN	3.2	7.5	14.1	8.9	7.4	6.5
75TH %ILE	2.5	6.4	11.8	7.5	6.2	5.6
95TH %ILE	0.5	2.2	3.2	3.0	0.8	2.0
PRIT Index	2.5	6.3	11.7	6.3	8.1	6.8

Public Fund Universe

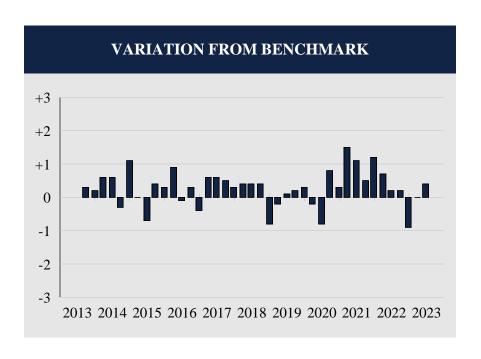
PRIT CORE MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
PRIT CORE	(Public Fund)	2.9 (62)	6.8 (71)	6.2 (85)	10.2 (5)	7.8 (7)	\$238,814,699
Custom Core Index		2.5	6.3	6.3	8.1	6.8	

PRIT CORE QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

COMPARATIVE BENCHMARK: CUSTOM CORE INDEX

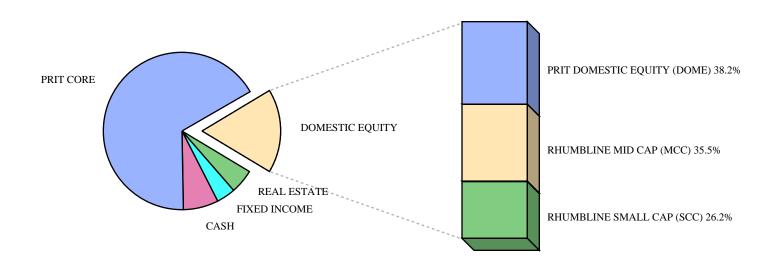


Total Quarters Observed	40
Quarters At or Above the Benchmark	31
Quarters Below the Benchmark	9
Batting Average	.775

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
9/13	5.0	4.7	0.3				
12/13	4.8	4.6	0.2				
3/14	2.7	2.1	0.6				
6/14	4.1	3.5	0.6				
9/14	-0.8	-0.5	-0.3				
12/14	2.1	1.0	1.1				
3/15	2.7	2.7	0.0				
6/15	0.0	0.7	-0.7				
9/15	-3.8	-4.2	0.4				
12/15	2.4	2.1	0.3				
3/16	1.9	1.0	0.9				
6/16	1.9	2.0	-0.1				
9/16	4.3	4.0	0.3				
12/16	-0.2	0.2	-0.4				
3/17	4.9	4.3	0.6				
6/17	3.8	3.2	0.6				
9/17	4.0	3.5	0.5				
12/17	4.0	3.7	0.3				
3/18	0.6	0.2	0.4				
6/18	1.1	0.7	0.4				
9/18	2.8	2.4	0.4				
12/18	-6.1	-5.3	-0.8				
3/19	6.4	6.6	-0.2				
6/19	3.4	3.3	0.1				
9/19	1.4	1.2	0.2				
12/19	4.6	4.3	0.3				
3/20	-9.9	-9.7	-0.2				
6/20	7.2	8.0	-0.8				
9/20	6.2	5.4	0.8				
12/20	9.8	9.5	0.3				
3/21	4.4	2.9	1.5				
6/21	6.8	5.7	1.1				
9/21	2.5	2.0	0.5				
12/21	5.5	4.3	1.2				
3/22	-2.1	-2.8	0.7				
6/22	-8.3	-8.5	0.2				
9/22	-4.6	-4.8	0.2				
12/22	4.1	5.0	-0.9				
3/23	3.8	3.8	0.0				
6/23	2.9	2.5	0.4				

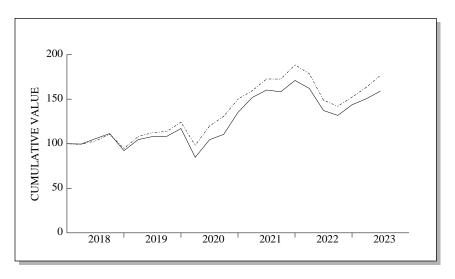
17

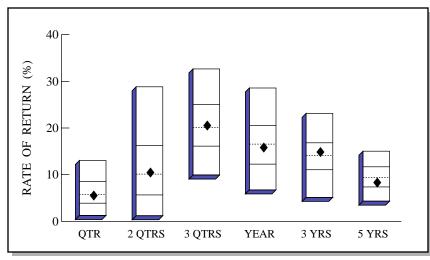
DOMESTIC EQUITY MANAGER SUMMARY



TOTAL RETURNS AND RANKINGS							
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
PRIT DOMESTIC EQUITY	(Domestic Equity)	8.3 (27)	16.0 (27)	19.1 (35)	14.8 (42)	11.7 (25)	\$23,298,986
Russell 3000		8.4	16.2	19.0	13.9	11.4	
RHUMBLINE MID CAP	(Mid Cap Core)	4.8 (50)	8.8 (73)	17.6 (57)	15.4 (43)	7.8 (79)	\$21,661,548
S&P 400		4.9	8.8	17.6	15.4	7.8	
RHUMBLINE SMALL CAP	(Small Cap Core)	3.4 (81)	6.0 (77)	9.7 (91)	15.1 (36)	5.2 (88)	\$15,986,897
S&P 600 Small Cap		3.4	6.0	9.8	15.2	5.2	

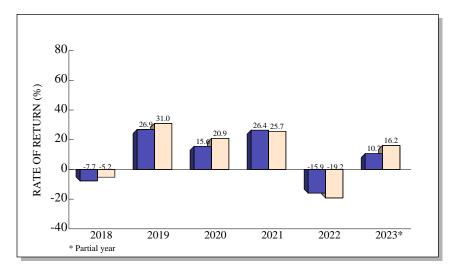
DOMESTIC EQUITY RETURN COMPARISONS





Domestic Equity Universe



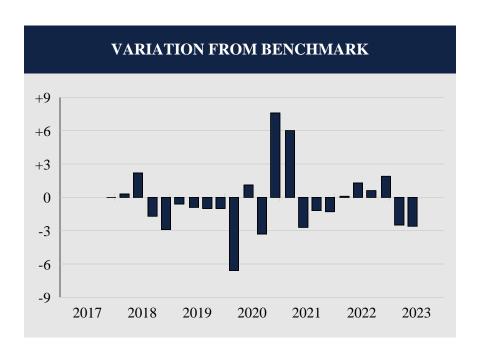


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	5.8	10.7	20.7	16.0	15.1	8.5
(RANK)	(51)	(48)	(46)	(54)	(40)	(62)
5TH %ILE	13.0	28.8	32.7	28.6	23.2	15.0
25TH %ILE	8.5	16.2	25.1	20.5	16.8	11.7
MEDIAN	5.8	10.1	20.1	16.6	14.1	9.4
75TH %ILE	3.9	5.7	16.1	12.3	11.1	7.4
95TH %ILE	1.3	1.2	9.9	6.7	5.2	4.3
Russ 3000	8.4	16.2	24.5	19.0	13.9	11.4

Domestic Equity Universe

DOMESTIC EQUITY QUARTERLY PERFORMANCE SUMMARY

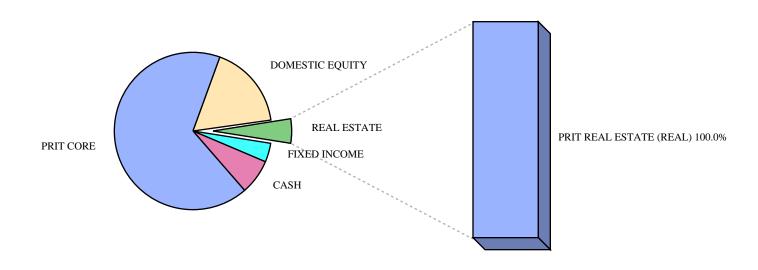
COMPARATIVE BENCHMARK: RUSSELL 3000



Total Quarters Observed	23
Quarters At or Above the Benchmark	10
Quarters Below the Benchmark	13
Batting Average	.435

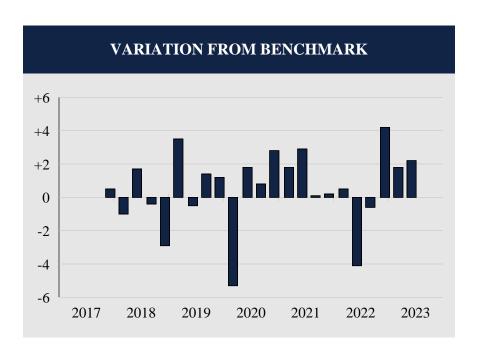
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
12/17	6.3	6.3	0.0				
3/18	-0.3	-0.6	0.3				
6/18	6.1	3.9	2.2				
9/18	5.4	7.1	-1.7				
12/18	-17.2	-14.3	-2.9				
3/19	13.4	14.0	-0.6				
6/19	3.2	4.1	-0.9				
9/19	0.2	1.2	-1.0				
12/19	8.1	9.1	-1.0				
3/20	-27.5	-20.9	-6.6				
6/20	23.1	22.0	1.1				
9/20	5.9	9.2	-3.3				
12/20	22.3	14.7	7.6				
3/21	12.3	6.3	6.0				
6/21	5.5	8.2	-2.7				
9/21	-1.3	-0.1	-1.2				
12/21	8.0	9.3	-1.3				
3/22	-5.2	-5.3	0.1				
6/22	-15.4	-16.7	1.3				
9/22	-3.9	-4.5	0.6				
12/22	9.1	7.2	1.9				
3/23	4.7	7.2	-2.5				
6/23	5.8	8.4	-2.6				

REAL ESTATE MANAGER SUMMARY



		TOTAL 1	RETURNS AND I	RANKINGS			
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
PRIT REAL ESTATE		-0.5	-1.9	-2.8	12.6	8.9	\$17,658,354
NCREIF NFI-ODCE Index		-2.7	-5.8	-10.0	8.0	6.5	

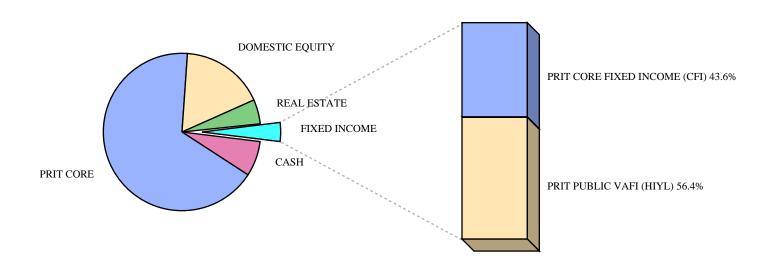
REAL ESTATE QUARTERLY PERFORMANCE SUMMARY COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



Total Quarters Observed	23
Quarters At or Above the Benchmark	16
Quarters Below the Benchmark	7
Batting Average	.696

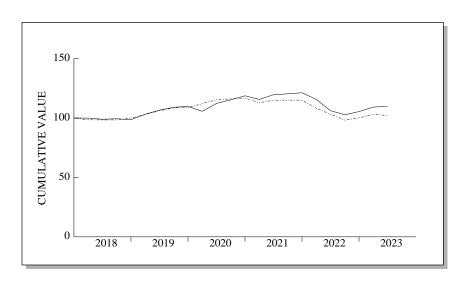
	RATES	S OF RETURN	
Date	Portfolio	Benchmark	Difference
12/17	2.6	2.1	0.5
3/18	1.2	2.2	-1.0
6/18	3.7	2.0	1.7
9/18	1.7	2.1	-0.4
12/18	-1.1	1.8	-2.9
3/19	4.9	1.4	3.5
6/19	0.5	1.0	-0.5
9/19	2.7	1.3	1.4
12/19	2.7	1.5	1.2
3/20	-4.3	1.0	-5.3
6/20	0.2	-1.6	1.8
9/20	1.3	0.5	0.8
12/20	4.1	1.3	2.8
3/21	3.9	2.1	1.8
6/21	6.8	3.9	2.9
9/21	6.7	6.6	0.1
12/21	8.2	8.0	0.2
3/22	7.9	7.4	0.5
6/22	0.7	4.8	-4.1
9/22	-0.1	0.5	-0.6
12/22	-0.8	-5.0	4.2
3/23	-1.4	-3.2	1.8
6/23	-0.5	-2.7	2.2

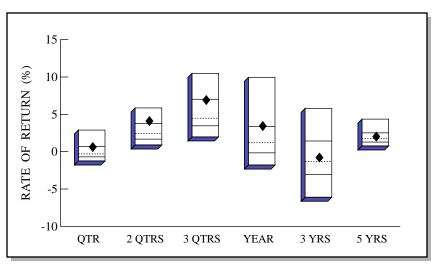
FIXED INCOME MANAGER SUMMARY



		TOTAL I	RETURNS AND R	ANKINGS			
MANAGER	(UNIVERSE)	QTR	YTD	1 YEAR	3 YEARS	5 YEARS	MARKET VALUE
PRIT CORE FIXED INCOME	(Core Fixed Income)	-1.3 (99)	3.0 (14)	-2.7 (99)	-5.1 (99)	1.1 (68)	\$6,037,515
Bloomberg Aggregate Index		-0.8	2.1	-0.9	-4.0	0.8	
PRIT PUBLIC VAFI	(High Yield Fixed)	2.3 (14)	5.3 (23)	9.0 (42)	3.3 (61)	3.0 (95)	\$7,794,973
Blended Value Added Fixed Incor	me Index	2.5	5.9	9.5	3.3	3.1	

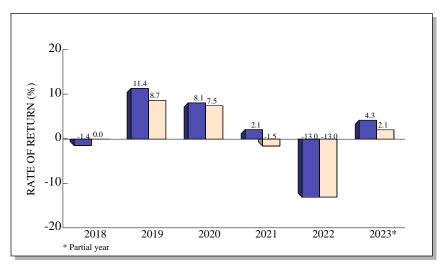
FIXED INCOME RETURN COMPARISONS





Broad Market Fixed Universe





					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	0.7	4.3	7.0	3.5	-0.7	2.1
(RANK)	(25)	(20)	(25)	(23)	(44)	(35)
5TH %ILE	2.9	5.9	10.5	9.9	5.8	4.4
25TH %ILE	0.7	3.8	7.0	3.4	1.4	2.5
MEDIAN	-0.3	2.4	4.5	1.2	-1.3	1.7
75TH %ILE	-0.7	1.7	3.5	-0.2	-3.0	1.3
95TH %ILE	-1.3	0.9	2.0	-1.8	-6.1	0.8
Agg	-0.8	2.1	4.0	-0.9	-4.0	0.8

Broad Market Fixed Universe

FIXED INCOME QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: BLOOMBERG AGGREGATE INDEX



Total Quarters Observed	23
Quarters At or Above the Benchmark	19
Quarters Below the Benchmark	4
Batting Average	.826

	RATES	S OF RETURN	
Date	Portfolio	Benchmark	Difference
12/17	1.2	0.4	0.8
3/18	-0.1	-1.5	1.4
6/18	-0.9	-0.2	-0.7
9/18	0.4	0.0	0.4
12/18	-0.8	1.6	-2.4
3/19	4.7	2.9	1.8
6/19	3.4	3.1	0.3
9/19	2.3	2.3	0.0
12/19	0.7	0.2	0.5
3/20	-3.8	3.1	-6.9
6/20	6.2	2.9	3.3
9/20	2.7	0.6	2.1
12/20	3.0	0.7	2.3
3/21	-2.6	-3.4	0.8
6/21	3.4	1.8	1.6
9/21	0.7	0.1	0.6
12/21	0.7	0.0	0.7
3/22	-4.7	-5.9	1.2
6/22	-8.2	-4.7	-3.5
9/22	-3.2	-4.8	1.6
12/22	2.7	1.9	0.8
3/23	3.5	3.0	0.5
6/23	0.7	-0.8	1.5

MANAGER FEE SUMMARY - ONE QUARTER

ALL FEES ARE ESTIMATED / ACCRUED

PORTFOLIO	MARKET VALUE	GROSS RETURN	N FEE	FEE %	NET RETURN	ANNUAL FEE %
PRIT Core (DIV)	\$238,814,699	2.9	\$307,071	0.13	2.8	0.54
PRIT Domestic Equity (DOME)	\$23,298,986	8.3	\$6,847	0.03	8.3	0.13
Rhumbline Mid Cap (MCC)	\$21,661,548	4.8	\$2,709	0.01	4.8	0.05
Rhumbline Small Cap (SCC)	\$15,986,897	3.4	\$1,998	0.01	3.4	0.05
PRIT Real Estate (REAL)	\$17,658,354	-0.5	\$16,976	0.10	-0.6	0.38
PRIT Core Fixed Income (CFI)	\$6,037,515	-1.3	\$1,236	0.02	-1.3	0.08
PRIT Public VAFI (HIYL)	\$7,794,973	2.3	\$8,012	0.11	2.2	0.42
MMDT Cash (CASH)	\$25,416,289		\$0	0.00		0.00
PRIT Cash (CASH)	\$80,222		\$0	0.00		0.00
Total Portfolio	\$356,749,483	3.0	\$344,849	0.10	2.9	0.39

MANAGER FEE SCHEDULES

Portfolio	Fee Schedule
PRIT Core	49 bps on balance
PRIT Domestic Equity	14 bps on balance
Rhumbline Mid Cap	5 bps on first \$25mm 4 bps on next \$25mm
Rhumbline Small Cap	5 bps on first \$25mm 4 bps on next \$25mm
PRIT Real Estate	52 bps on balance
PRIT Core FI	8 bps on balance
PRIT Value Added FI	37 bps on balance

PRIM Board does not charge annual fees. Actual management expenses of underlying funds are passed through to the client each month

APPENDIX - MAJOR MARKET INDEX RETURNS

Style	OTR	YTD	1 Year	3 Years	5 Years	10 Years
Economic Data	1.1	2.8	3.0	5.8	3.9	2.7
Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Broad Equity	8.4	16.2	19.0	13.9	11.4	12.3
	8.7	16.9	19.6	14.6	12.3	12.9
	8.6	16.7	19.4	14.1	11.9	12.6
Large Cap Growth	12.8	29.0	27.1	13.7	15.1	15.7
Large Cap Value	4.1	5.1	11.5	14.3	8.1	9.2
Midcap	4.8	9.0	14.9	12.5	8.5	10.3
Midcap Growth	6.2	15.9	23.1	7.6	9.7	11.5
Midcap Value	3.9	5.2	10.5	15.0	6.8	9.0
Small Cap	5.2	8.1	12.3	10.8	4.2	8.2
Small Cap Growth	7.1	13.6	18.5	6.1	4.2	8.8
Small Cap Value	3.2	2.5	6.0	15.4	3.5	7.3
Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Foreign Equity	2.7	9.9	13.3	7.7	4.0	5.2
			19.4	9.5		5.9
	2.9	14.5	20.6	6.6	5.8	6.8
Developed Markets Value	3.5	9.9	18.2	12.1	3.6	4.8
Emerging Markets Equity	1.0	5.1	2.2	2.7	1.3	3.3
Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Core Fixed Income	-0.8	2.1	-0.9	-4.0	0.8	1.5
						1.2
Corporate Bonds	-0.3					2.9
Core Intermediate						1.3
Short Term Treasuries						0.7
High Yield Bonds	1.7	5.4	9.1	2.5	3.0	4.2
Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
•	_					
Style International Treasuries Real Estate	QTR -1.8 -2.7	YTD 1.6 -5.8	-0.7 -10.0	3 Years -6.4 8.0	5 Years -2.8 6.5	10 Years -0.9 8.7
	Broad Equity Large Cap Core Large Cap Large Cap Growth Large Cap Value Midcap Midcap Growth Midcap Value Small Cap Small Cap Growth Small Cap Value Style Foreign Equity Developed Markets Equity Developed Markets Value Emerging Markets Equity Style Core Fixed Income Treasuries Corporate Bonds Core Intermediate Short Term Treasuries	Economic Data Style Broad Equity Large Cap Core Large Cap Large Cap Growth Large Cap Walue Midcap Midcap Growth Midcap Value Style OTR Foreign Equity Developed Markets Equity Developed Markets Growth Developed Markets Growth Developed Markets Value Emerging Markets Equity Developed Markets Value Treasuries Markets Equity More Fixed Income Treasuries Core Fixed Income Treasuries -0.8 Treasuries Short Term Treasuries -0.6	Style QTR YTD Broad Equity 8.4 16.2 Large Cap Core 8.7 16.9 Large Cap 8.6 16.7 Large Cap Growth 12.8 29.0 Large Cap Value 4.1 5.1 Midcap 4.8 9.0 Midcap Growth 6.2 15.9 Midcap Value 3.9 5.2 Small Cap 5.2 8.1 Small Cap Growth 7.1 13.6 Small Cap Value 3.2 2.5 Style QTR YTD Foreign Equity 2.7 9.9 Developed Markets Equity 3.2 12.1 Developed Markets Growth 2.9 14.5 Developed Markets Value 3.5 9.9 Emerging Markets Equity 1.0 5.1 Style QTR YTD Core Fixed Income -0.8 2.1 Treasuries -1.4 1.6 Corporate Bonds -0.3 3.1	Economic Data 1.1 2.8 3.0 Style QTR YTD 1 Year Broad Equity 8.4 16.2 19.0 Large Cap Core 8.7 16.9 19.6 Large Cap Growth 12.8 29.0 27.1 Large Cap Value 4.1 5.1 11.5 Midcap Cap Value 4.8 9.0 14.9 Midcap Growth 6.2 15.9 23.1 Midcap Value 3.9 5.2 10.5 Small Cap 5.2 8.1 12.3 Small Cap Growth 7.1 13.6 18.5 Small Cap Value 3.2 2.5 6.0 Style QTR YTD 1 Year Foreign Equity 2.7 9.9 13.3 Developed Markets Equity 3.2 12.1 19.4 Developed Markets Growth 2.9 14.5 20.6 Developed Markets Equity 3.5 9.9 18.2 Emerging Markets Equity 1.0	Economic Data 1.1 2.8 3.0 5.8 Style QTR YTD 1 Year 3 Years Broad Equity 8.4 16.2 19.0 13.9 Large Cap Core 8.7 16.9 19.6 14.6 Large Cap Growth 12.8 29.0 27.1 13.7 Large Cap Growth 12.8 29.0 27.1 13.7 Large Cap Value 4.1 5.1 11.5 14.3 Midcap 4.8 9.0 14.9 12.5 Midcap Growth 6.2 15.9 23.1 7.6 Midcap Value 3.9 5.2 10.5 15.0 Small Cap 5.2 8.1 12.3 10.8 Small Cap Growth 7.1 13.6 18.5 6.1 Small Cap Walue 3.2 2.5 6.0 15.4 Style QTR YTD 1 Year 3 Years Foreign Equity 2.7 9.9 13.3 7.7 <t< td=""><td>Style QTR YTD 1 Year 3 Years 5 Years Broad Equity 8.4 16.2 19.0 13.9 11.4 Large Cap Core 8.7 16.9 19.6 14.6 12.3 Large Cap Growth 12.8 29.0 27.1 13.7 15.1 Large Cap Value 4.1 5.1 11.5 14.3 8.1 Midcap Growth 6.2 15.9 23.1 7.6 9.7 Midcap Value 3.9 5.2 10.5 15.0 6.8 Small Cap Growth 7.1 13.6 18.5 6.1 4.2 Small Cap Growth 7.1 13.6 18.5 6.1 4.2 Small Cap Value 3.2 2.5 6.0 15.4 3.5</td></t<>	Style QTR YTD 1 Year 3 Years 5 Years Broad Equity 8.4 16.2 19.0 13.9 11.4 Large Cap Core 8.7 16.9 19.6 14.6 12.3 Large Cap Growth 12.8 29.0 27.1 13.7 15.1 Large Cap Value 4.1 5.1 11.5 14.3 8.1 Midcap Growth 6.2 15.9 23.1 7.6 9.7 Midcap Value 3.9 5.2 10.5 15.0 6.8 Small Cap Growth 7.1 13.6 18.5 6.1 4.2 Small Cap Growth 7.1 13.6 18.5 6.1 4.2 Small Cap Value 3.2 2.5 6.0 15.4 3.5

APPENDIX - DISCLOSURES

- * 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.
- * The Policy Index is a policy-weighted passive index and was constructed as follows:

For all periods through June 2017:

100% Custom PRIT Core Policy Index

For all periods from July 2017 to June 2019:

37% Russell 3000 16% MSCI ACWI Ex-US 13% NCREIF NFI-ODCE

2% NCREIF Timber 5.5% Cambridge Private Equity 6.5% HFRI FOF Composite 20% Bloomberg Aggregate

For all periods since July 2019:

33% Russell 3000 16% MSCI ACWI Ex-US 15% NCREIF NFI-ODCE

2% NCREIF Timber
 5.5% Cambridge Private Equity
 6.5% HFRI FOF Composite
 22% Bloomberg Aggregate

* The Blended Value Added Fixed Income Index consists of 35% ML US High Yield Master, 45% S&P LSTA Leverage Loan, and 20% JP Morgan Emerging Markets Bond Index.

APPENDIX - DISCLOSURES

* The Custom PRIT Core Policy Index is a policy-weighted passive index and was constructed as follows:

For all periods through December 2010:

26% Russell 3000 20% MSCI EAFE 5% MSCI Emerging Markets

15% Bloomberg Aggregate5% CSFB High Yield10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber5% HFRI Fund of Funds Composite

For all periods from January 2011 through July 2011:

24% Russell 3000 20% MSCI EAFE 5% MSCI Emerging Markets

13% Bloomberg Aggregate6% CSFB High Yield10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber8% HFRI Fund of Funds Composite

For all periods from August 2011 through January 2014:

19% Russell 3000 17% MSCI EAFE 7% MSCI Emerging Markets

14% Bloomberg Aggregate6% CSFB High Yield10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber10% HFRI Fund of Funds Composite

3% Bloomberg US TIPS

For all periods from February 2014 through September 2015:

18% Russell 3000 16% MSCI EAFE 6% MSCI Emerging Markets

4% Bloomberg Aggregate6% CSFB High Yield10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber9% HFRI Fund of Funds Composite

3% Bloomberg US TIPS 10% Bloomberg 5-10 Year Treasury 4% MSCI ACWI Ex-US

For all periods from October 2015 through March 2016:

18% Russell 3000 16% MSCI EAFE 6% MSCI Emerging Markets

4% Bloomberg Aggregate10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber9% HFRI Fund of Funds Composite3% Bloomberg US TIPS10% Bloomberg 5-10 Year Treasury4% MSCI ACWI Ex-US6% Bloomberg High Yield

For all periods from April 2016 to March 2017:

15% S&P 500 4% Russell 2000 7% MSCI ACWI Ex-US

7% MSCI EAFE 7% MSCI Emerging Markets 10% Cambridge Private Equity (lagged)

13% HFRI FOF Composite 2% FTSE REIT 8% NCREIF Property

4% NCREIF Timber 5% Bloomberg Aggregate 10% Bloomberg High Yield

3% US TIPS 5% Bloomberg US STRIPS 20+ Year

APPENDIX - DISCLOSURES

* For all periods from April 2017 to March 2018:

15% S&P 500 4% Russell 2500 7% MSCI ACWI Ex-US

7% MSCI EAFE 7% MSCI Emerging Markets 11% Cambridge Private Equity (lagged)

13% HFRI FOF Composite 2% FTSE REIT 8% NCREIF Property

4% NCREIF Timber 5% Bloomberg Aggregate 7.5% Bloomberg High Yield

2.5% JP Morgan EMBI 2% US TIPS 5% Bloomberg US Strips 20+ Year

For all periods from April 2018 to March 2019:

15% S&P 500 4% Russell 2500 6% MSCI ACWI Ex-US

8% MSCI EAFE 6% MSCI Emerging Markets 12% Cambridge Private Equity (lagged)

13% HFRI FOF Composite 2% FTSE REIT 8% NCREIF Property

4% NCREIF Timber 5% Bloomberg Aggregate 7.5% Bloomberg High Yield

2.5% JP Morgan EMBI 5% US TIPS 2% Bloomberg US Strips 20+ Year

For all periods since April 2019:

11% S&P 500 3% Russell 2500 6% 80% S&P 500 / 20% LIBOR

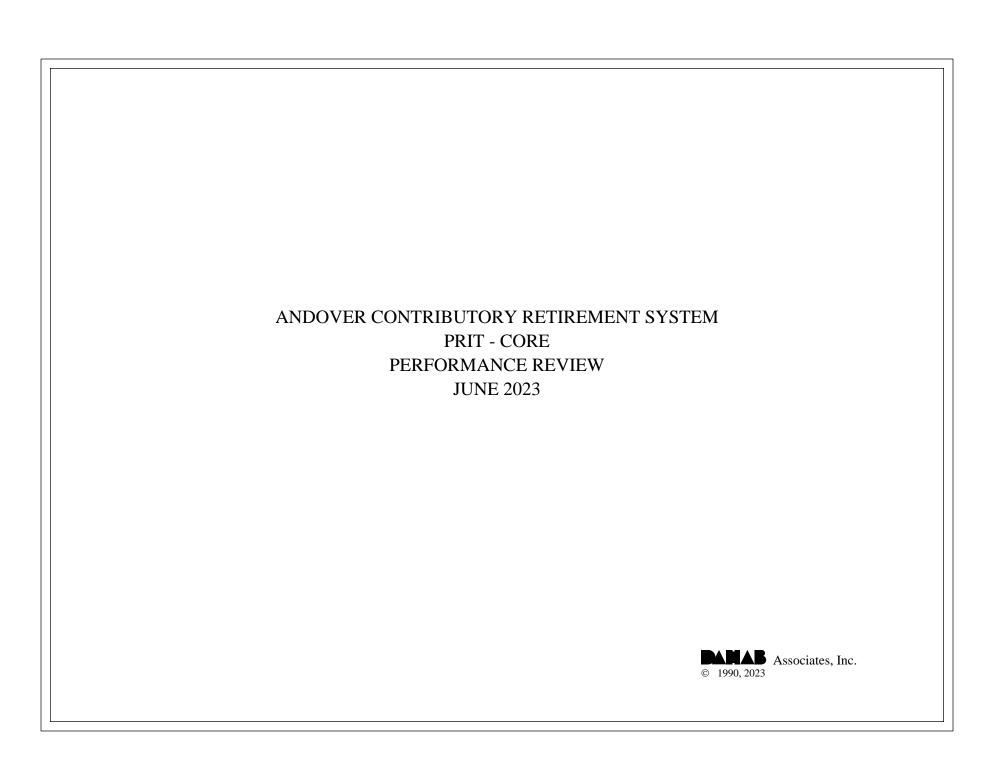
6% MSCI ACWI Ex-US 7% MSCI EAFE 6% MSCI Emerging Markets

13% Cambridge Private Equity (lagged) 11% HFRI FOF Composite 2% FTSE REIT

8% NCREIF Property 4% NCREIF Timber 6% Bloomberg Aggregate

6% Bloomberg High Yield 2% JP Morgan EMBI 5% US TIPS

4% Bloomberg US Strips 20+ Year



INVESTMENT RETURN

On June 30th, 2023, the Andover Contributory Retirement System's PRIT Core portfolio was valued at \$238,814,699, representing an increase of \$10,495,492 from the March quarter's ending value of \$228,319,207. Last quarter, the Fund posted net contributions equaling \$3,766,313 plus a net investment gain equaling \$6,729,179. Total net investment return was the result of income receipts, which totaled \$1,908,071 and net realized and unrealized capital gains of \$4,821,108.

RELATIVE PERFORMANCE

For the second quarter, the PRIT Core portfolio returned 2.9%, which was 0.4% above the Custom Core Index's return of 2.5% and ranked in the 62nd percentile of the Public Fund universe. Over the trailing year, the portfolio returned 6.2%, which was 0.1% below the benchmark's 6.3% return, ranking in the 85th percentile. Since June 2013, the portfolio returned 8.5% annualized and ranked in the 4th percentile. The Custom Core Index returned an annualized 7.4% over the same period.

PRIT Core

The PRIT Core fund had a 40% allocation in public equity (domestic and foreign) and 16.7% in private equity. Real assets (including real estate and timber) made up 14.6%, while fixed income (core and value added) comprised 20.8%. Portfolio completion strategies represented the remaining 7.8%.

PRIT Global Equity

Domestic and foreign equity produced a combined return of 6.1% last quarter, while the Russell 3000 returned 8.4% and the MSCI All Country World Ex-U.S. returned 2.7%. Domestic equity made up 23.6% of the Core fund. Developed markets outside the U.S. had a 12.1% weight, while emerging markets made up 4.4%.

PRIT Private Equity

The private equity segment represented 16.7% of the Core fund and returned 2.1% last quarter.

PRIT Portfolio Completion Strategies

This segment returned 1.8% for the quarter and made up 7.8% of the Core Fund.

PRIT Real Estate

This segment includes real estate, timber, and real assets, whose allocations within the Core fund were 10.6%, 3.2%, and 0.8%, respectively.

PRIT Fixed Income

Core fixed income constituted 13.6% of the Core fund and value-added fixed income made up 4.5%. Core fixed income underperformed against the Bloomberg Aggregate Index over the quarter, returning -1.3%, compared to the benchmark's -0.8%. Value-added fixed income surpassed the Bloomberg High Yield Index, returning 2.4% vs. the 1.7% return of the benchmark.

ANDOVER - PRIT CORE JUNE 30TH, 2023

EXECUTIVE SUMMARY

	PERFORM	ANCE S	SUMMA	RY		
	Quarter	YTD	1 Year	3 Year	5 Year	10 Year
Total Portfolio - Gross	2.9	6.8	6.2	10.2	7.8	8.5
PUBLIC FUND RANK	(62)	(71)	(85)	(5)	(7)	(4)
Total Portfolio - Net	2.8	6.6	5.6	9.7	7.2	8.0
Custom Core Idx	2.5	6.3	6.3	8.1	6.8	7.4
PRIT Core - Gross	2.9	6.8	6.2	10.2	7.8	8.5
PUBLIC FUND RANK	(62)	(71)	(85)	(5)	(7)	(4)
Custom Core Idx	2.5	6.3	6.3	8.1	6.8	7.4

.0% \$ 238,814,699
.0% \$ 238,814,699

INVESTMENT RETURN

 Market Value 3/2023
 \$ 228,319,207

 Contribs / Withdrawals
 3,766,313

 Income
 1,908,071

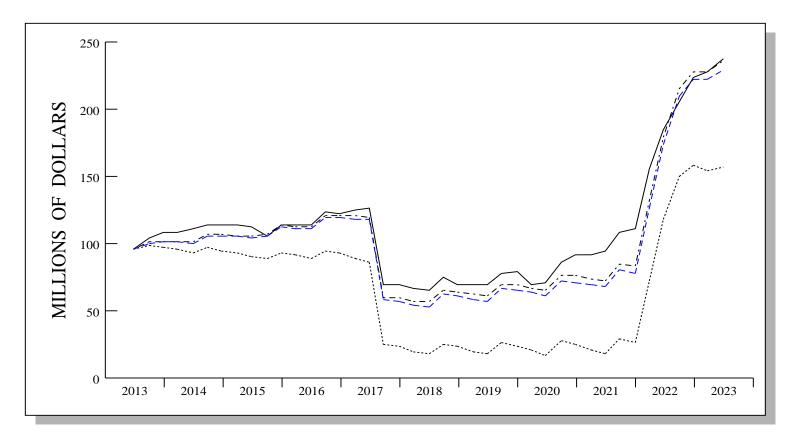
 Capital Gains / Losses
 4,821,108

 Market Value 6/2023
 \$ 238,814,699

ANDOVER - PRIT CORE

JUNE 30TH, 2023

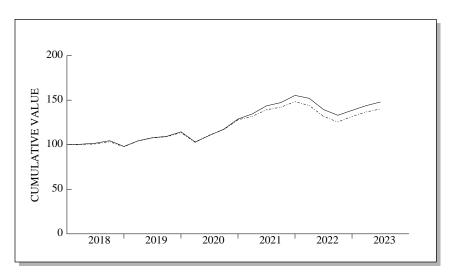
INVESTMENT GROWTH

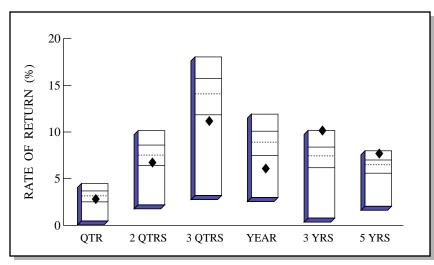


VALUE ASSUMING
7.9% DHB PROJ \$ 237,181,274
7.4% HZN PROJ \$ 230,303,462

	LAST QUARTER	PERIOD 6/13 - 6/23
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$\ 228,319,207 \\ 3,766,313 \\ \underline{6,729,179} \\ \$\ 238,814,699 \end{array}$	\$ 96,875,359 61,435,086 80,504,254 \$ 238,814,699
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 1,908,071 \\ 4,821,108 \\ \hline 6,729,179 \end{array} $	26,380,160 54,124,094 80,504,254

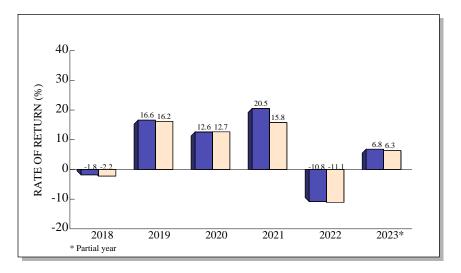
ANDOVER - PRIT CORE JUNE 30TH, 2023





Public Fund Universe





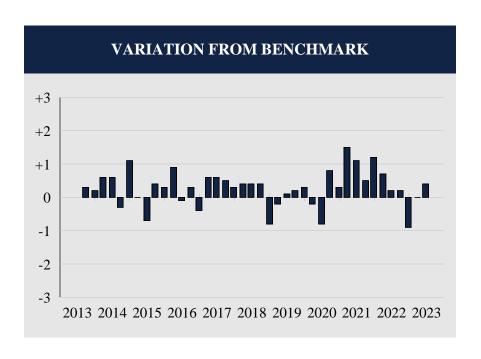
					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.9	6.8	11.3	6.2	10.2	7.8
(RANK)	(62)	(71)	(81)	(85)	(5)	(7)
5TH %ILE	4.5	10.1	18.0	11.9	10.2	8.0
25TH %ILE	3.7	8.6	15.7	10.1	8.4	7.0
MEDIAN	3.2	7.5	14.1	8.9	7.4	6.5
75TH %ILE	2.5	6.4	11.8	7.5	6.2	5.6
95TH %ILE	0.5	2.2	3.2	3.0	0.8	2.0
PRIT Index	2.5	6.3	11.7	6.3	8.1	6.8

Public Fund Universe

ANDOVER - PRIT CORE JUNE 30TH, 2023

TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

COMPARATIVE BENCHMARK: CUSTOM CORE INDEX



Total Quarters Observed	40
Quarters At or Above the Benchmark	31
Quarters Below the Benchmark	9
Batting Average	.775

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/13	5.0	4.7	0.3		
12/13	4.8	4.6	0.2		
3/14	2.7	2.1	0.6		
6/14	4.1	3.5	0.6		
9/14	-0.8	-0.5	-0.3		
12/14	2.1	1.0	1.1		
3/15	2.7	2.7	0.0		
6/15	0.0	0.7	-0.7		
9/15	-3.8	-4.2	0.4		
12/15	2.4	2.1	0.3		
3/16	1.9	1.0	0.9		
6/16	1.9	2.0	-0.1		
9/16	4.3	4.0	0.3		
12/16	-0.2	0.2	-0.4		
3/17	4.9	4.3	0.6		
6/17	3.8	3.2	0.6		
9/17	4.0	3.5	0.5		
12/17	4.0	3.7	0.3		
3/18	0.6	0.2	0.4		
6/18	1.1	0.7	0.4		
9/18	2.8	2.4	0.4		
12/18	-6.1	-5.3	-0.8		
3/19	6.4	6.6	-0.2		
6/19	3.4	3.3	0.1		
9/19	1.4	1.2	0.2		
12/19	4.6	4.3	0.3		
3/20	-9.9	-9.7	-0.2		
6/20	7.2	8.0	-0.8		
9/20	6.2	5.4	0.8		
12/20	9.8	9.5	0.3		
3/21	4.4	2.9	1.5		
6/21	6.8	5.7	1.1		
9/21	2.5	2.0	0.5		
12/21	5.5	4.3	1.2		
3/22	-2.1	-2.8	0.7		
6/22	-8.3	-8.5	0.2		
9/22	-4.6	-4.8	0.2		
12/22	4.1	5.0	-0.9		
3/23	3.8	3.8	0.0		
6/23	2.9	2.5	0.4		

ANDOVER - PRIT CORE JUNE 30TH, 2023

APPENDIX - DISCLOSURES

* The Custom PRIT Core Policy Index is a policy-weighted passive index and was constructed as follows:

For all periods through December 2010:

26% Russell 3000 20% MSCI EAFE 5% MSCI Emerging Markets

15% Bloomberg Aggregate5% CSFB High Yield10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber5% HFRI Fund of Funds Composite

For all periods from January 2011 through July 2011:

24% Russell 3000 20% MSCI EAFE 5% MSCI Emerging Markets

13% Bloomberg Aggregate6% CSFB High Yield10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber8% HFRI Fund of Funds Composite

For all periods from August 2011 through January 2014:

19% Russell 3000 17% MSCI EAFE 7% MSCI Emerging Markets

14% Bloomberg Aggregate6% CSFB High Yield10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber10% HFRI Fund of Funds Composite

3% Bloomberg US TIPS

For all periods from February 2014 through September 2015:

18% Russell 3000 16% MSCI EAFE 6% MSCI Emerging Markets

4% Bloomberg Aggregate6% CSFB High Yield10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber9% HFRI Fund of Funds Composite

3% Bloomberg US TIPS 10% Bloomberg 5-10 Year Treasury 4% MSCI ACWI Ex-US

For all periods from October 2015 through March 2016:

18% Russell 3000 16% MSCI EAFE 6% MSCI Emerging Markets

4% Bloomberg Aggregate10% Cambridge Private Equity (lagged)10% NCREIF NFI-ODCE4% NCREIF Timber9% HFRI Fund of Funds Composite3% Bloomberg US TIPS10% Bloomberg 5-10 Year Treasury4% MSCI ACWI Ex-US6% Bloomberg High Yield

For all periods from April 2016 to March 2017:

15% S&P 500 4% Russell 2000 7% MSCI ACWI Ex-US

7% MSCI EAFE 7% MSCI Emerging Markets 10% Cambridge Private Equity (lagged)

13% HFRI FOF Composite2% FTSE REIT8% NCREIF Property4% NCREIF Timber5% Bloomberg Aggregate10% Bloomberg High Yield

W MCKELL THIRDS 5/W DIOMINOTING SERVICE 10/W DIOMINOTING TH

3% US TIPS 5% Bloomberg US STRIPS 20+ Year

ANDOVER - PRIT CORE

JUNE 30TH, 2023

APPENDIX - DISCLOSURES

*	For all	periods	from Apr	il 2017	to March	2018:
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15% S&P 5004% Russell 25007% MSCI ACWI Ex-US7% MSCI EAFE7% MSCI Emerging Markets11% Cambridge Private Equity (lagged)13% HFRI FOF Composite2% FTSE REIT8% NCREIF Property4% NCREIF Timber5% Bloomberg Aggregate7.5% Bloomberg High Yield2.5% JP Morgan EMBI2% US TIPS5% Bloomberg US Strips 20+ Year

For all periods from April 2018 to March 2019:

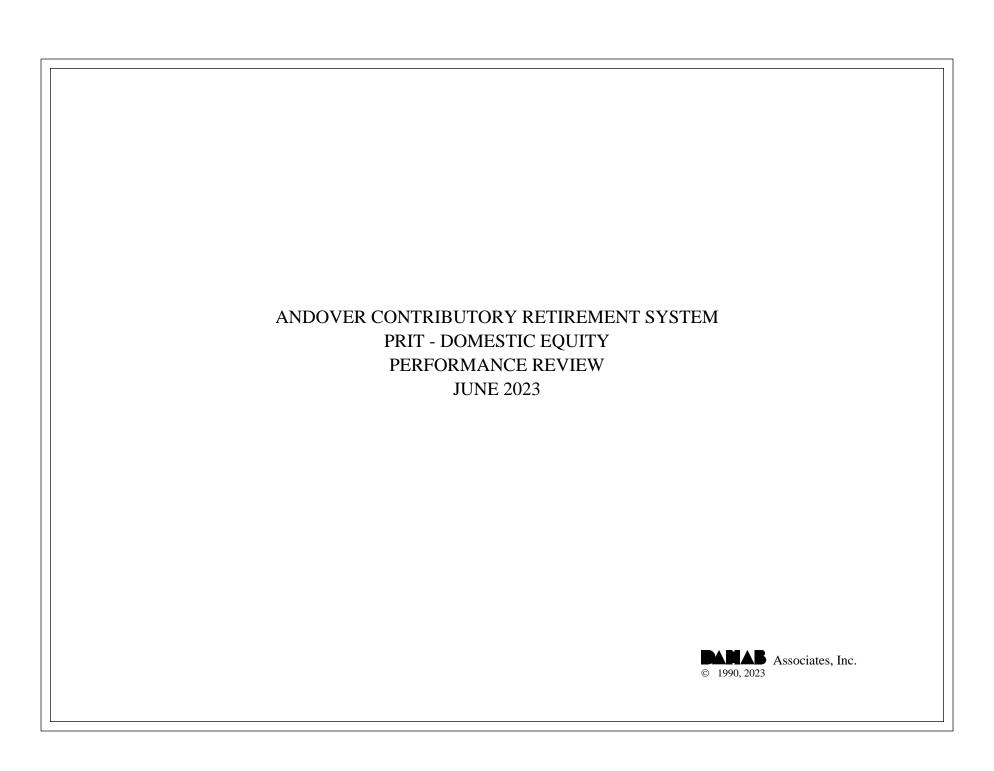
15% S&P 5004% Russell 25006% MSCI ACWI Ex-US8% MSCI EAFE6% MSCI Emerging Markets12% Cambridge Private Equity (lagged)13% HFRI FOF Composite2% FTSE REIT8% NCREIF Property4% NCREIF Timber5% Bloomberg Aggregate7.5% Bloomberg High Yield2.5% JP Morgan EMBI5% US TIPS2% Bloomberg US Strips 20+ Year

For all periods since April 2019:

4% Bloomberg US Strips 20+ Year

11% S&P 5003% Russell 25006% 80% S&P 500 / 20% LIBOR6% MSCI ACWI Ex-US7% MSCI EAFE6% MSCI Emerging Markets13% Cambridge Private Equity (lagged)11% HFRI FOF Composite2% FTSE REIT8% NCREIF Property4% NCREIF Timber6% Bloomberg Aggregate6% Bloomberg High Yield2% JP Morgan EMBI5% US TIPS

7



On June 30th, 2023, the Andover Contributory Retirement System's PRIT Domestic Equity portfolio was valued at \$23,298,986, representing an increase of \$1,784,583 from the March quarter's ending value of \$21,514,403. Last quarter, the Fund posted withdrawals totaling \$6,847, which partially offset the portfolio's net investment return of \$1,791,430. Income receipts totaling \$85,535 plus net realized and unrealized capital gains of \$1,705,895 combined to produce the portfolio's net investment return.

RELATIVE PERFORMANCE

For the second quarter, the PRIT Domestic Equity portfolio returned 8.3%, which was 0.1% below the Russell 3000 Index's return of 8.4% and ranked in the 27th percentile of the Domestic Equity universe. Over the trailing year, the portfolio returned 19.1%, which was 0.1% above the benchmark's 19.0% return, ranking in the 35th percentile. Since September 2017, the portfolio returned 12.0% annualized and ranked in the 20th percentile. The Russell 3000 returned an annualized 11.6% over the same period.

EXECUTIVE SUMMARY

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/17	
Total Portfolio - Gross	8.3	16.0	19.1	14.8	11.7	12.0	
DOMESTIC EQUITY RANK	(27)	(27)	(35)	(42)	(25)	(20)	
Total Portfolio - Net	8.3	15.9	18.9	14.7	11.6	11.9	
Russell 3000	8.4	16.2	19.0	13.9	11.4	11.6	
Domestic Equity - Gross	8.3	16.0	19.1	14.8	11.7	12.0	
DOMESTIC EQUITY RANK	(27)	(27)	(35)	(42)	(25)	(20)	
Russell 3000	8.4	16.2	19.0	13.9	11.4	11.6	

ASSET ALLOCATION					
Domestic Equity	100.0%	\$ 23,298,986			
Total Portfolio	100.0%	\$ 23,298,986			

INVESTMENT RETURN

 Market Value 3/2023
 \$ 21,514,403

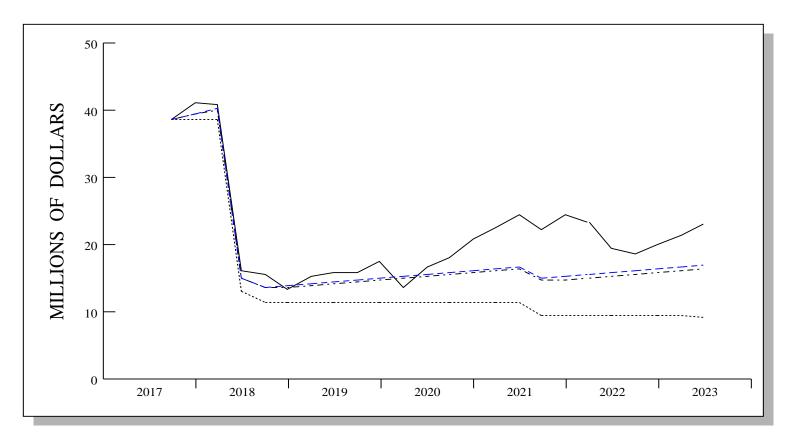
 Contribs / Withdrawals
 -6,847

 Income
 85,535

 Capital Gains / Losses
 1,705,895

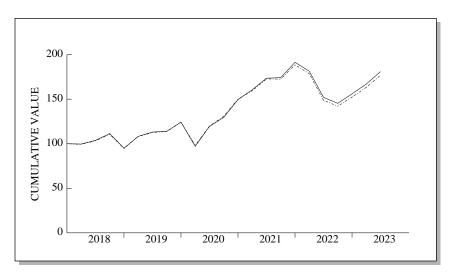
 Market Value 6/2023
 \$ 23,298,986

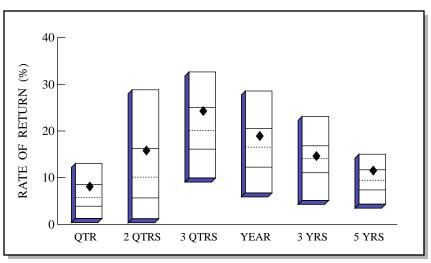
INVESTMENT GROWTH



VALUE ASSUMING
7.4% DHB PROJ \$ 16,641,445
7.8% HZN PROJ \$ 17,122,191

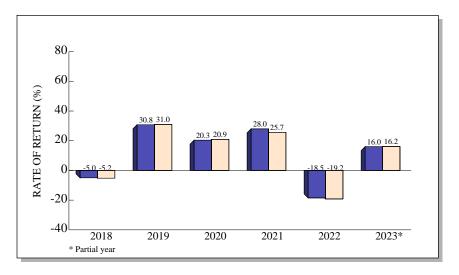
	LAST QUARTER	PERIOD 9/17 - 6/23
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 21,514,403 -6,847 1,791,430 \$ 23,298,986	\$ 38,825,403 - 29,387,093 <u>13,860,676</u> \$ 23,298,986
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 85,535 \\ 1,705,895 \\ \hline 1,791,430 \end{array} $	1,934,197 11,926,479 13,860,676





Domestic Equity Universe



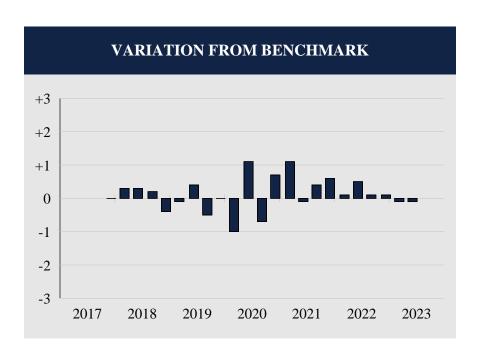


					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	8.3	16.0	24.5	19.1	14.8	11.7
(RANK)	(27)	(27)	(28)	(35)	(42)	(25)
5TH %ILE	13.0	28.8	32.7	28.6	23.2	15.0
25TH %ILE	8.5	16.2	25.1	20.5	16.8	11.7
MEDIAN	5.8	10.1	20.1	16.6	14.1	9.4
75TH %ILE	3.9	5.7	16.1	12.3	11.1	7.4
95TH %ILE	1.3	1.2	9.9	6.7	5.2	4.3
Russ 3000	8.4	16.2	24.5	19.0	13.9	11.4

Domestic Equity Universe

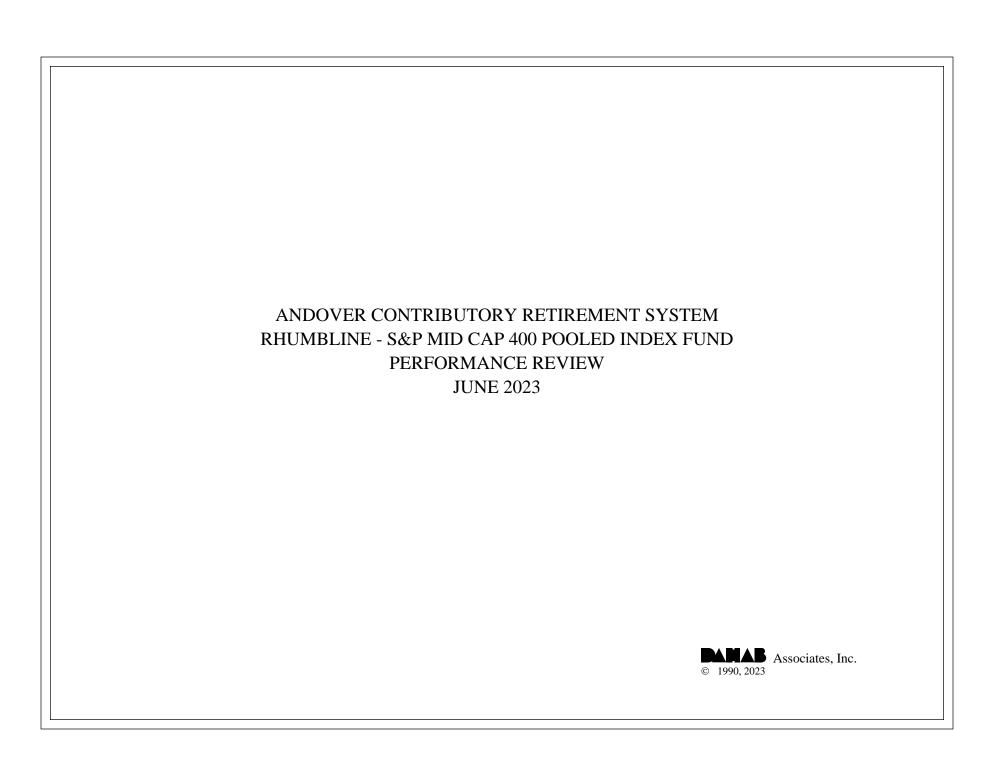
TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: RUSSELL 3000



Total Quarters Observed	23
Quarters At or Above the Benchmark	15
Quarters Below the Benchmark	8
Batting Average	.652

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	6.3	6.3	0.0			
3/18	-0.3	-0.6	0.3			
6/18	4.2	3.9	0.3			
9/18	7.3	7.1	0.2			
12/18	-14.7	-14.3	-0.4			
3/19	13.9	14.0	-0.1			
6/19	4.5	4.1	0.4			
9/19	0.7	1.2	-0.5			
12/19	9.1	9.1	0.0			
3/20	-21.9	-20.9	-1.0			
6/20	23.1	22.0	1.1			
9/20	8.5	9.2	-0.7			
12/20	15.4	14.7	0.7			
3/21	7.4	6.3	1.1			
6/21	8.1	8.2	-0.1			
9/21	0.3	-0.1	0.4			
12/21	9.9	9.3	0.6			
3/22	-5.2	-5.3	0.1			
6/22	-16.2	-16.7	0.5			
9/22	-4.4	-4.5	0.1			
12/22	7.3	7.2	0.1			
3/23	7.1	7.2	-0.1			
6/23	8.3	8.4	-0.1			



On June 30th, 2023, the Andover Contributory Retirement System's RhumbLine S&P Mid Cap 400 Pooled Index Fund was valued at \$21,661,548, representing an increase of \$999,632 from the March quarter's ending value of \$20,661,916. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$999,632 in net investment returns. Since there were no income receipts for the second quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$999,632.

RELATIVE PERFORMANCE

During the second quarter, the RhumbLine S&P Mid Cap 400 Pooled Index Fund gained 4.8%, which was 0.1% below the S&P 400 Index's return of 4.9% and ranked in the 50th percentile of the Mid Cap Core universe. Over the trailing twelve-month period, this portfolio returned 17.6%, which was equal to the benchmark's 17.6% return, and ranked in the 57th percentile. Since June 2018, the portfolio returned 7.8% per annum and ranked in the 79th percentile. For comparison, the S&P 400 returned an annualized 7.8% over the same period.

EXECUTIVE SUMMARY

PERFORMANCE SUMMARY					
	Quarter	YTD	1 Year	3 Year	5 Year
Total Portfolio - Gross	4.8	8.8	17.6	15.4	7.8
MID CAP CORE RANK	(50)	(73)	(57)	(43)	(79)
Гotal Portfolio - Net	4.8	8.8	17.5	15.4	7.7
S&P 400	4.9	8.8	17.6	15.4	7.8
Domestic Equity - Gross	4.8	8.8	17.6	15.4	7.8
MID CAP CORE RANK	(50)	(73)	(57)	(43)	(79)
S&P 400	4.9	8.8	17.6	15.4	7.8

ASSET A	ASSET ALLOCATION					
Domestic Equity	100.0%	\$ 21,661,548				
Total Portfolio	100.0%	\$ 21,661,548				

INVESTMENT RETURN

 Market Value 3/2023
 \$ 20,661,916

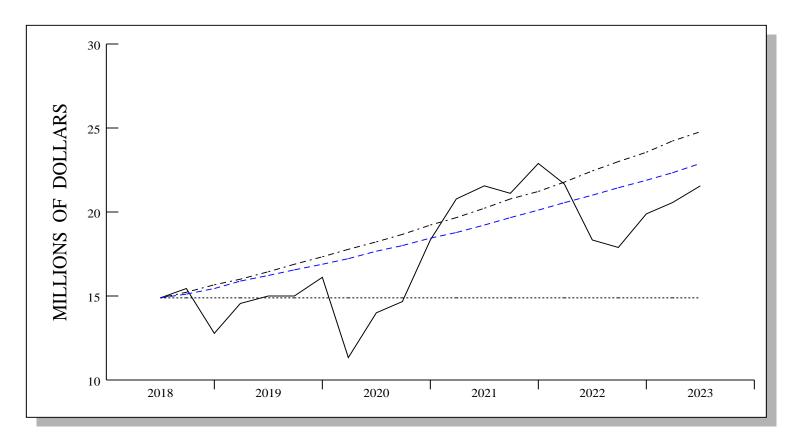
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 999,632

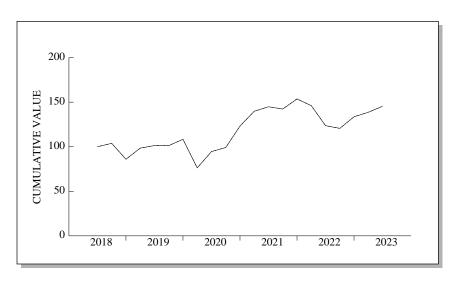
 Market Value 6/2023
 \$ 21,661,548

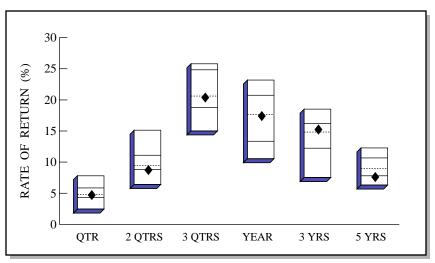
INVESTMENT GROWTH



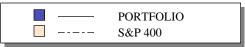
VALUE ASSUMING 10.8% DHB PROJ \$ 24,878,089 9.0% HZN PROJ \$ 22,921,474

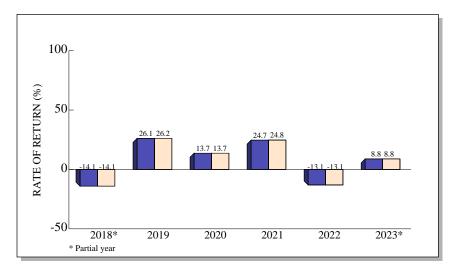
	LAST QUARTER	FIVE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 20,661,916 0 999,632 \$ 21,661,548	\$ 14,897,672 0 6,763,876 \$ 21,661,548
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{999,632}$ 999,632	$ \begin{array}{c} 0 \\ \underline{-6,763,876} \\ 6,763,876 \end{array} $





Mid Cap Core Universe



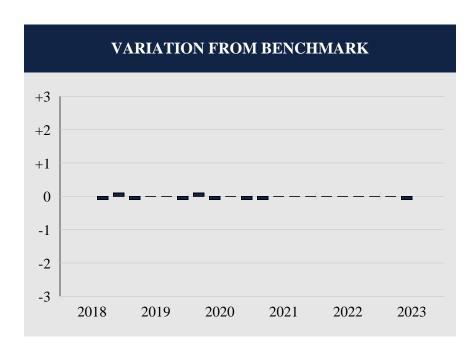


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	4.8	8.8	20.6	17.6	15.4	7.8
(RANK)	(50)	(73)	(55)	(57)	(43)	(79)
5TH %ILE	7.8	15.1	25.8	23.2	18.5	12.3
25TH %ILE	5.9	11.1	24.8	20.7	16.2	10.7
MEDIAN	4.8	9.4	20.6	17.7	14.8	9.0
75TH %ILE	4.3	8.8	18.7	13.3	12.2	7.8
95TH %ILE	2.5	6.4	15.0	10.5	7.5	6.3
S&P 400	4.9	8.8	20.6	17.6	15.4	7.8

Mid Cap Core Universe

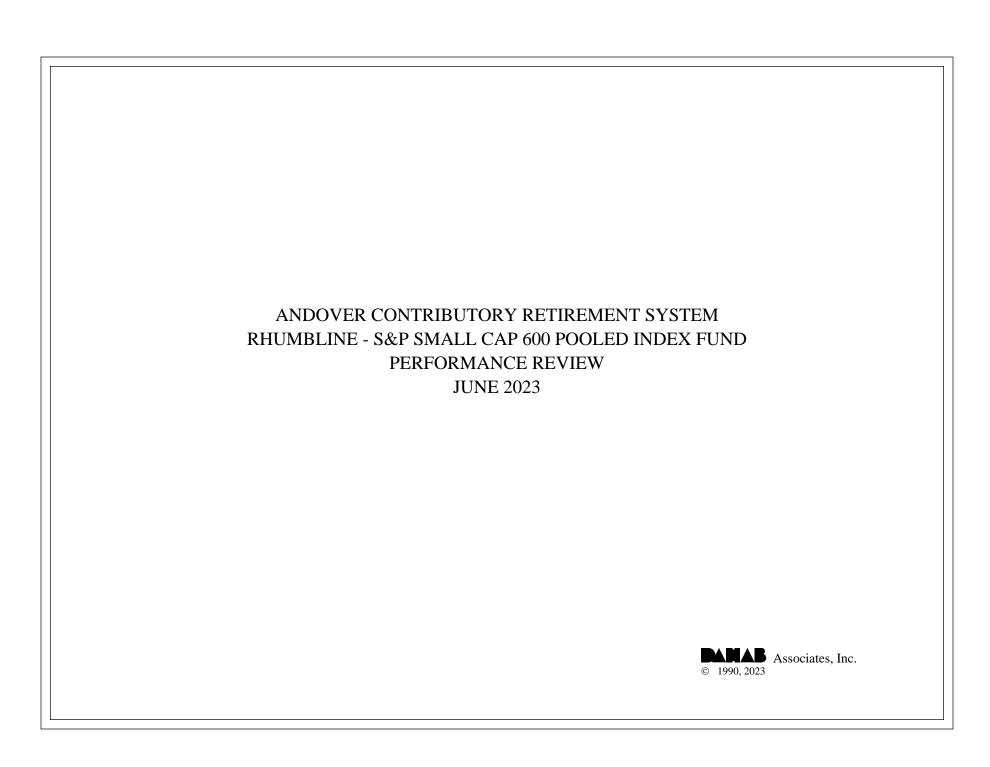
TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: S&P 400



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

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/18	3.8	3.9	-0.1		
12/18	-17.2	-17.3	0.1		
3/19	14.4	14.5	-0.1		
6/19	3.0	3.0	0.0		
9/19	-0.1	-0.1	0.0		
12/19	7.0	7.1	-0.1		
3/20	-29.6	-29.7	0.1		
6/20	24.0	24.1	-0.1		
9/20	4.8	4.8	0.0		
12/20	24.3	24.4	-0.1		
3/21	13.4	13.5	-0.1		
6/21	3.6	3.6	0.0		
9/21	-1.8	-1.8	0.0		
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		
12/22	10.8	10.8	0.0		
3/23	3.8	3.8	0.0		
6/23	4.8	4.9	-0.1		



On June 30th, 2023, the Andover Contributory Retirement System's RhumbLine S&P Small Cap 600 Pooled Index Fund was valued at \$15,986,897, representing an increase of \$523,852 from the March quarter's ending value of \$15,463,045. Last quarter, the Fund posted no net contributions or withdrawals, while posting \$523,852 in net investment returns. Since there were no income receipts for the second quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$523,852.

RELATIVE PERFORMANCE

During the second quarter, the RhumbLine S&P Small Cap 600 Pooled Index Fund gained 3.4%, which was equal to the S&P 600 Small Cap's return of 3.4% and ranked in the 81st percentile of the Small Cap Core universe. Over the trailing twelve-month period, this portfolio returned 9.7%, which was 0.1% below the benchmark's 9.8% return, and ranked in the 91st percentile. Since June 2018, the portfolio returned 5.2% per annum and ranked in the 88th percentile. For comparison, the S&P 600 Small Cap returned an annualized 5.2% over the same period.

EXECUTIVE SUMMARY

PERFORMANCE SUMMARY					
	Quarter	YTD	1 Year	3 Year	5 Year
Total Portfolio - Gross	3.4	6.0	9.7	15.1	5.2
SMALL CAP CORE RANK	(81)	(77)	(91)	(36)	(88)
Total Portfolio - Net	3.4	6.0	9.7	15.1	5.2
S&P 600	3.4	6.0	9.8	15.2	5.2
Domestic Equity - Gross	3.4	6.0	9.7	15.1	5.2
SMALL CAP CORE RANK	(81)	(77)	(91)	(36)	(88)
S&P 600	3.4	6.0	9.8	15.2	5.2

ASSET A	ASSET ALLOCATION					
Domestic Equity	100.0%	\$ 15,986,897				
Total Portfolio	100.0%	\$ 15,986,897				

INVESTMENT RETURN

 Market Value 3/2023
 \$ 15,463,045

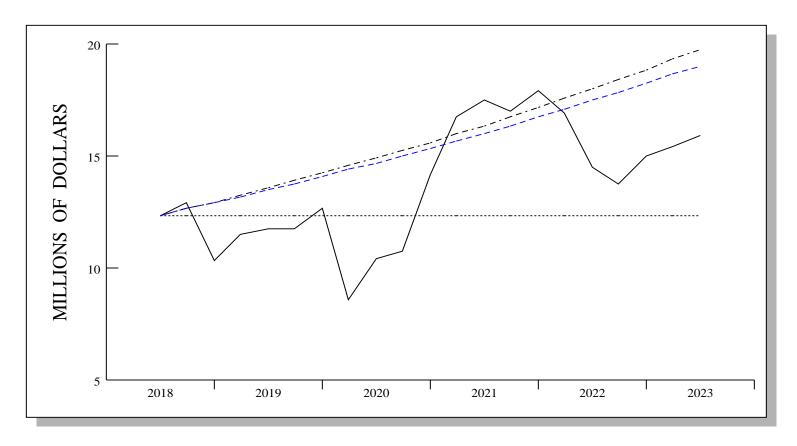
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 523,852

 Market Value 6/2023
 \$ 15,986,897

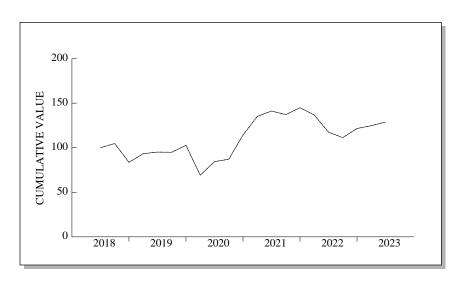
INVESTMENT GROWTH

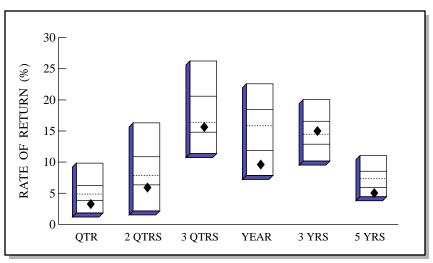


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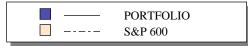
VALUE ASSUMING
9.8% DHB PROJ \$ 19,791,393
9.0% HZN PROJ \$ 19,080,787

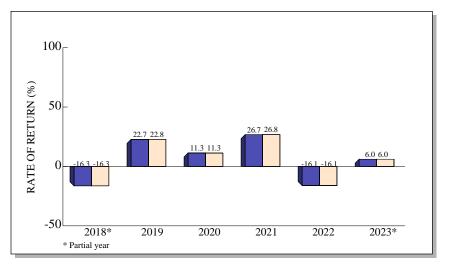
	LAST QUARTER	FIVE YEARS
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 15,463,045 0 523,852 \$ 15,986,897	\$ 12,401,441 0 3,585,456 \$ 15,986,897
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ 523,852 \\ \hline 523,852 \end{array} $	$ \begin{array}{r} 0 \\ 3,585,456 \\ \hline 3,585,456 \end{array} $





Small Cap Core Universe



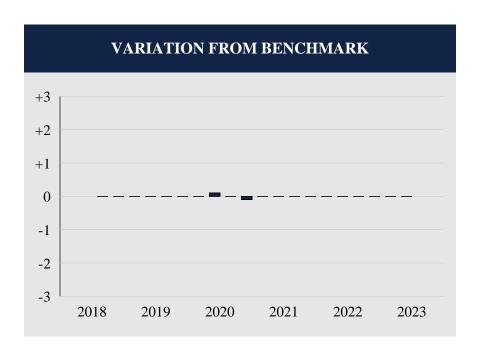


					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	3.4	6.0	15.7	9.7	15.1	5.2
(RANK)	(81)	(77)	(62)	(91)	(36)	(88)
5TH %ILE	9.8	16.3	26.3	22.6	20.0	11.0
25TH %ILE	6.2	10.9	20.6	18.5	16.6	8.5
MEDIAN	4.9	7.9	16.4	15.8	14.5	7.3
75TH %ILE	3.8	6.3	14.8	11.9	12.9	5.9
95TH %ILE	1.8	2.2	11.4	7.9	10.2	4.4
S&P 600	3.4	6.0	15.8	9.8	15.2	5.2

Small Cap Core Universe

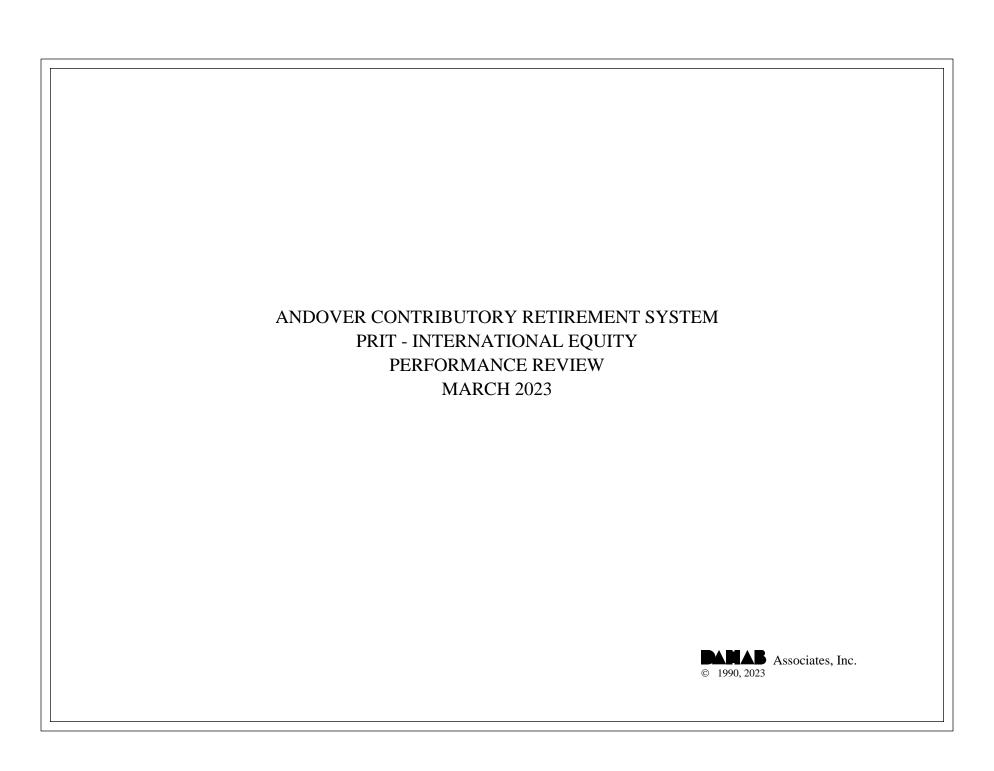
TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: S&P 600 SMALL CAP



20
19
1
.950

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/18	4.7	4.7	0.0		
12/18	-20.1	-20.1	0.0		
3/19	11.6	11.6	0.0		
6/19	1.9	1.9	0.0		
9/19	-0.2	-0.2	0.0		
12/19	8.2	8.2	0.0		
3/20	-32.6	-32.6	0.0		
6/20	22.0	21.9	0.1		
9/20	3.2	3.2	0.0		
12/20	31.2	31.3	-0.1		
3/21	18.2	18.2	0.0		
6/21	4.5	4.5	0.0		
9/21	-2.8	-2.8	0.0		
12/21	5.6	5.6	0.0		
3/22	-5.6	-5.6	0.0		
6/22	-14.1	-14.1	0.0		
9/22	-5.2	-5.2	0.0		
12/22	9.2	9.2	0.0		
3/23	2.6	2.6	0.0		
6/23	3.4	3.4	0.0		



On March 31st, 2023, the Andover Contributory Retirement System's PRIT International Equity portfolio was valued at \$3,477,895, representing an increase of \$270,855 from the December quarter's ending value of \$3,207,040. Last quarter, the Fund posted withdrawals totaling \$2,393, which partially offset the portfolio's net investment return of \$273,248. Income receipts totaling \$25,209 plus net realized and unrealized capital gains of \$248,039 combined to produce the portfolio's net investment return.

RELATIVE PERFORMANCE

For the first quarter, the PRIT International Equity portfolio returned 8.5%, which was 0.1% below the MSCI EAFE Index's return of 8.6% and ranked in the 42nd percentile of the International Equity universe. Over the trailing year, the portfolio returned -2.7%, which was 1.8% below the benchmark's -0.9% return, ranking in the 44th percentile. Since September 2017, the portfolio returned 4.2% annualized and ranked in the 33rd percentile. The MSCI EAFE Index returned an annualized 4.2% over the same period.

EXECUTIVE SUMMARY

PERFORMANCE SUMMARY					
Q	tr / YTD	1 Year	3 Year	5 Year	Since 09/17
Total Portfolio - Gross	8.5	-2.7	13.6	3.9	4.2
INTERNATIONAL EQUITY RANK	(42)	(44)	(49)	(45)	(33)
Total Portfolio - Net	8.4	-3.0	13.3	3.6	3.9
MSCI EAFE	8.6	-0.9	13.5	4.0	4.2
International Equity - Gross	8.5	-2.7	13.6	3.9	4.2
INTERNATIONAL EQUITY RANK	(42)	(44)	(49)	(45)	(33)
MSCI EAFE	8.6	-0.9	13.5	4.0	4.2

ASSET ALLOCATION				
Int'l Equity	100.0%	\$ 3,477,895		
Total Portfolio	100.0%	\$ 3,477,895		

INVESTMENT RETURN

 Market Value 12/2022
 \$ 3,207,040

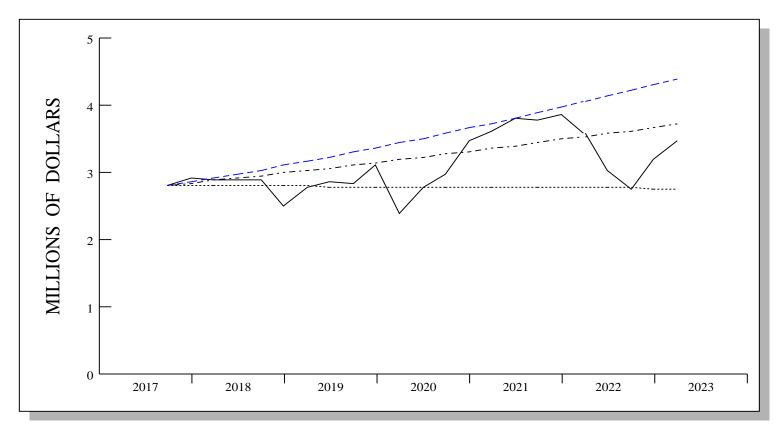
 Contribs / Withdrawals
 - 2,393

 Income
 25,209

 Capital Gains / Losses
 248,039

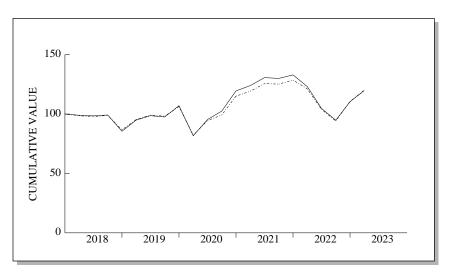
 Market Value 3/2023
 \$ 3,477,895

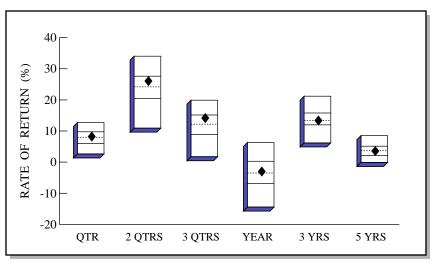
INVESTMENT GROWTH



VALUE ASSUMING
5.5% DHB PROJ \$ 3,732,693
8.7% HZN PROJ \$ 4,403,776

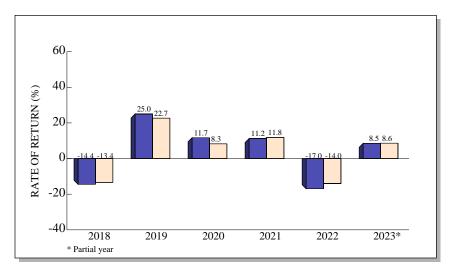
	LAST QUARTER	PERIOD 9/17 - 3/23
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{r} \$ \ \ 3,207,040 \\ -2,393 \\ \hline 273,248 \\ \$ \ \ 3,477,895 \end{array}$	\$ 2,815,983 -41,354 703,266 \$ 3,477,895
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{25,209}{248,039}$ $273,248$	450,976 252,290 703,266





International Equity Universe



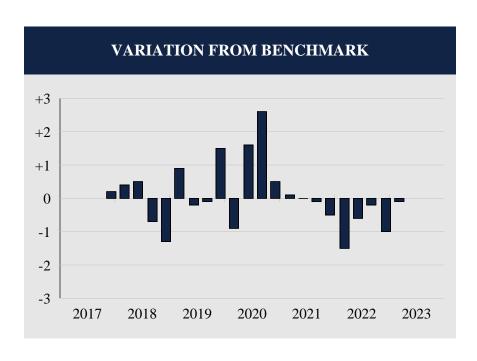


					ANNU/	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	8.5	26.3	14.4	-2.7	13.6	3.9
(RANK)	(42)	(36)	(32)	(44)	(49)	(45)
5TH %ILE	12.7	34.1	19.9	6.3	21.2	8.5
25TH %ILE	9.7	27.6	15.2	0.3	15.8	5.1
MEDIAN	8.0	24.2	12.2	-3.5	13.4	3.7
75TH %ILE	6.0	20.5	8.8	-6.9	12.0	2.1
95TH %ILE	2.6	10.9	1.7	-14.5	6.2	-0.1
MSCI EAFE	8.6	27.5	15.7	-0.9	13.5	4.0

International Equity Universe

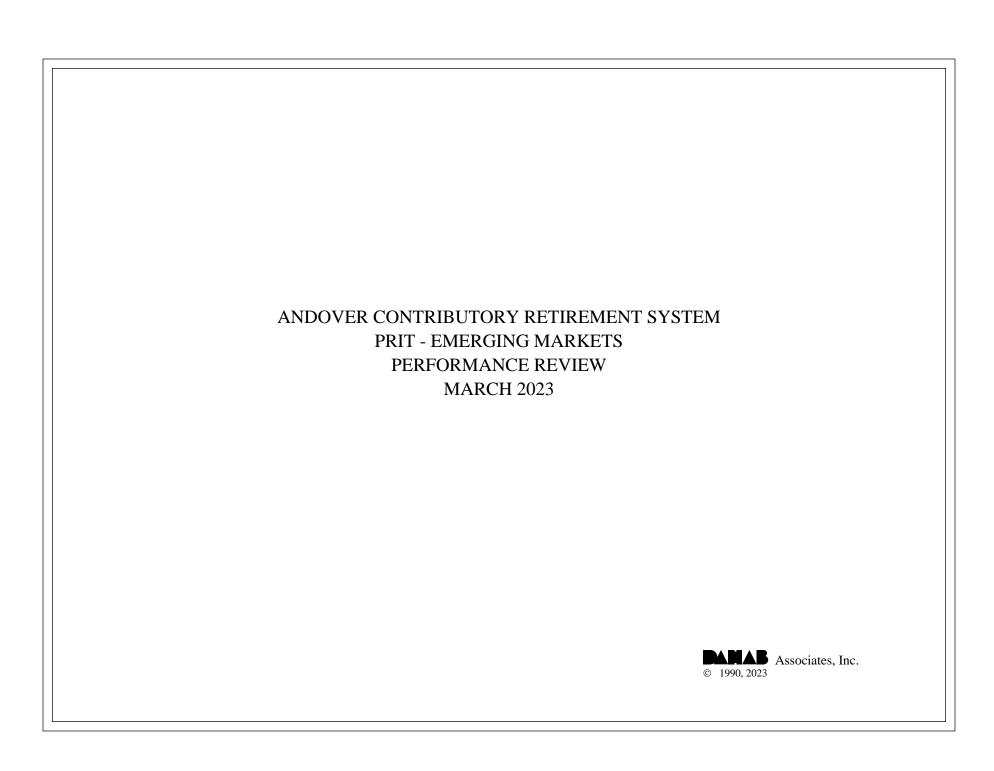
TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: MSCI EAFE



Total Quarters Observed	22
Quarters At or Above the Benchmark	10
Quarters Below the Benchmark	12
Batting Average	.455

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
12/17	4.5	4.3	0.2		
3/18	-1.0	-1.4	0.4		
6/18	-0.5	-1.0	0.5		
9/18	0.7	1.4	-0.7		
12/18	-13.8	-12.5	-1.3		
3/19	11.0	10.1	0.9		
6/19	3.8	4.0	-0.2		
9/19	-1.1	-1.0	-0.1		
12/19	9.7	8.2	1.5		
3/20	-23.6	-22.7	-0.9		
6/20	16.7	15.1	1.6		
9/20	7.5	4.9	2.6		
12/20	16.6	16.1	0.5		
3/21	3.7	3.6	0.1		
6/21	5.4	5.4	0.0		
9/21	-0.5	-0.4	-0.1		
12/21	2.2	2.7	-0.5		
3/22	-7.3	-5.8	-1.5		
6/22	-14.9	-14.3	-0.6		
9/22	-9.5	-9.3	-0.2		
12/22	16.4	17.4	-1.0		
3/23	8.5	8.6	-0.1		



On March 31st, 2023, the Andover Contributory Retirement System's PRIT Emerging Markets account was valued at \$4,781,839, representing an increase of \$250,888 over the December quarter's ending value of \$4,530,951. Last quarter, the fund posted a net withdrawal of \$10,200, which partially offset the fund's net investment return of \$261,088. Total net investment return was comprised of income receipts totaling \$29,842 plus \$231,246 in net realized and unrealized capital gains.

RELATIVE PERFORMANCE

In the first quarter, the PRIT Emerging Markets portfolio returned 5.8%, which was 1.8% above the MSCI Emerging Market Index's return of 4.0% and ranked in the 34th percentile of the Emerging Markets universe. Over the trailing year, the portfolio returned -8.9%, which was 1.4% better than the benchmark's -10.3% performance, and ranked in the 55th percentile. Since September 2017, the account returned 3.0% on an annualized basis and ranked in the 25th percentile. For comparison, the MSCI Emerging Markets returned an annualized 1.1% over the same time frame.

EXECUTIVE SUMMARY

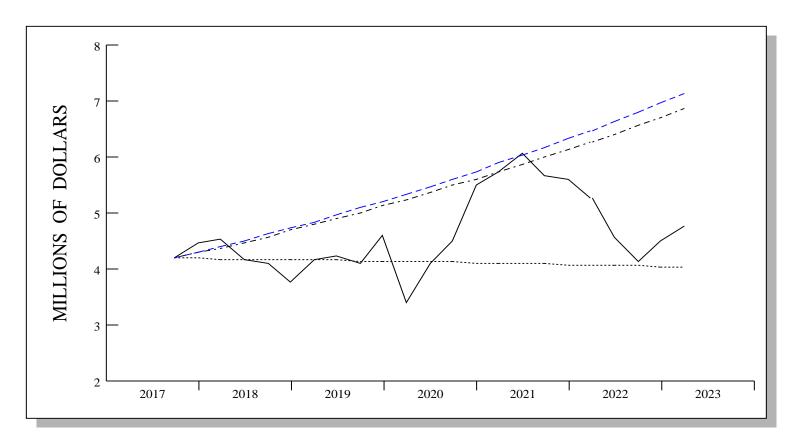
PERFORMANCE SUMMARY					
	Qtr / YTD	1 Year	3 Year	5 Year	Since 09/17
Total Portfolio - Gross	5.8	-8.9	12.5	1.6	3.0
EMERGING MARKETS RANK	(34)	(55)	(35)	(36)	(25)
Total Portfolio - Net	5.5	-9.4	11.8	1.0	2.4
MSCI Emg Mkts	4.0	-10.3	8.2	-0.5	1.1
Emerging Markets Equity - Gross	5.8	-8.9	12.5	1.6	3.0
EMERGING MARKETS RANK	(34)	(55)	(35)	(36)	(25)
MSCI Emg Mkts	4.0	-10.3	8.2	-0.5	1.1

ASSET ALLOCATION					
Emerging Markets	100.0%	\$ 4,781,839			
Total Portfolio	100.0%	\$ 4,781,839			

INVESTMENT RETURN

Market Value 12/2022	\$ 4,530,951
Contribs / Withdrawals	- 10,200
Income	29,842
Capital Gains / Losses	231,246
Market Value 3/2023	\$ 4,781,839

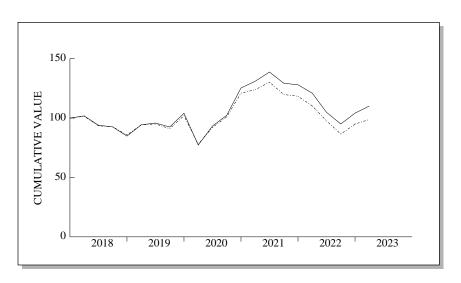
INVESTMENT GROWTH

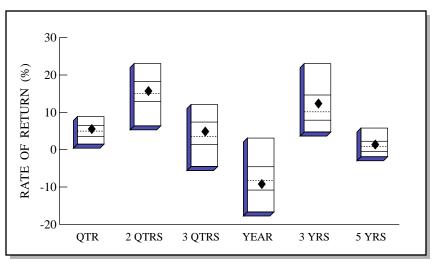


3

VALUE ASSUMING
9.9% DHB PROJ \$ 6,873,403
10.7% HZN PROJ \$ 7,157,037

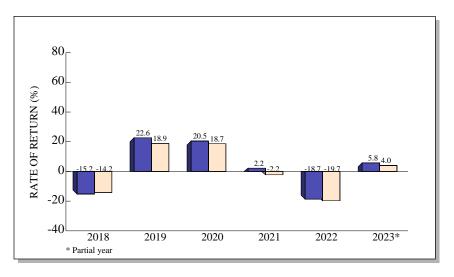
	LAST QUARTER	PERIOD 9/17 - 3/23
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 4,530,951 -10,200 261,088 \$ 4,781,839	\$ 4,206,321 -153,548 729,066 \$ 4,781,839
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	29,842 231,246 261,088	636,657 92,409 729,066





Emerging Markets Universe



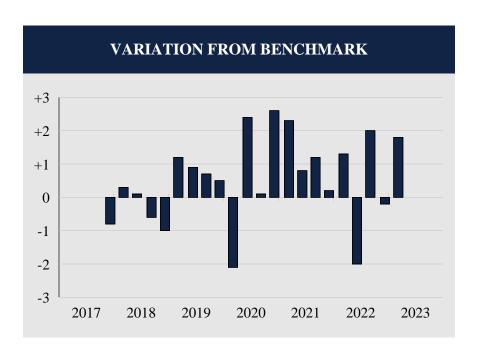


					ANNU	ALIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	5.8	15.9	5.1	-8.9	12.5	1.6
(RANK)	(34)	(45)	(40)	(55)	(35)	(36)
5TH %ILE	8.9	23.1	12.1	3.1	23.0	5.8
25TH %ILE	6.4	18.3	7.4	-4.6	14.6	2.2
MEDIAN	5.0	15.0	3.6	-8.2	10.2	0.8
75TH %ILE	3.6	12.8	1.4	-10.8	7.9	-0.5
95TH %ILE	1.5	6.4	-4.5	-16.7	4.7	-1.9
MSCI EM	4.0	14.2	1.2	-10.3	8.2	-0.5

Emerging Markets Universe

TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

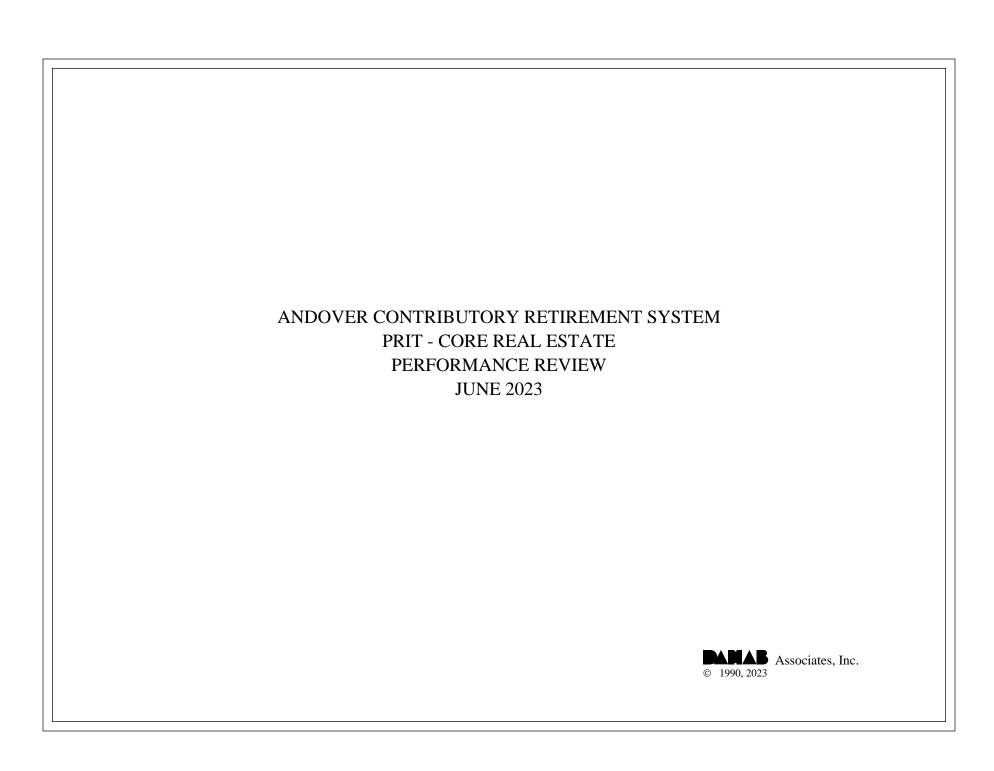
COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS



Total Quarters Observed	22
Quarters At or Above the Benchmark	16
Quarters Below the Benchmark	6
Batting Average	.727

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
12/17	6.7	7.5	-0.8		
3/18	1.8	1.5	0.3		
6/18	-7.8	-7.9	0.1		
9/18	-1.5	-0.9	-0.6		
12/18	-8.4	-7.4	-1.0		
3/19	11.2	10.0	1.2		
6/19	1.6	0.7	0.9		
9/19	-3.4	-4.1	0.7		
12/19	12.4	11.9	0.5		
3/20	-25.7	-23.6	-2.1		
6/20	20.6	18.2	2.4		
9/20	9.8	9.7	0.1		
12/20	22.4	19.8	2.6		
3/21	4.6	2.3	2.3		
6/21	5.9	5.1	0.8		
9/21	-6.8	-8.0	1.2		
12/21	-1.0	-1.2	0.2		
3/22	-5.6	-6.9	1.3		
6/22	-13.3	-11.3	-2.0		
9/22	-9.4	-11.4	2.0		
12/22	9.6	9.8	-0.2		
3/23	5.8	4.0	1.8		

5



On June 30th, 2023, the Andover Contributory Retirement System's PRIT Core Real Estate portfolio was valued at \$17,658,354, a decrease of \$111,451 from the March ending value of \$17,769,805. Last quarter, the account recorded total net withdrawals of \$16,976 in addition to \$94,475 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$202,867 and realized and unrealized capital losses totaling \$297,342.

RELATIVE PERFORMANCE

During the second quarter, the PRIT Core Real Estate portfolio lost 0.5%, which was 2.2% above the NCREIF NFI-ODCE Index's return of -2.7%. Over the trailing twelve-month period, the portfolio returned -2.8%, which was 7.2% better than the benchmark's -10.0% return. Since September 2017, the PRIT Core Real Estate portfolio returned 9.1% on an annualized basis, while the NCREIF NFI-ODCE Index returned an annualized 6.8% over the same time frame.

EXECUTIVE SUMMARY

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/17	
Total Portfolio - Gross	-0.5	-1.9	-2.8	12.6	8.9	9.1	
Total Portfolio - Net	-0.6	-2.2	-3.1	11.9	8.3	8.5	
NCREIF ODCE	-2.7	-5.8	-10.0	8.0	6.5	6.8	
Real Estate - Gross	-0.5	-1.9	-2.8	12.6	8.9	9.1	
NCREIF ODCE	-2.7	-5.8	-10.0	8.0	6.5	6.8	

ASSET ALLOCATION							
Real Estate	100.0%	\$ 17,658,354					
Total Portfolio	100.0%	\$ 17,658,354					

INVESTMENT RETURN

 Market Value 3/2023
 \$ 17,769,805

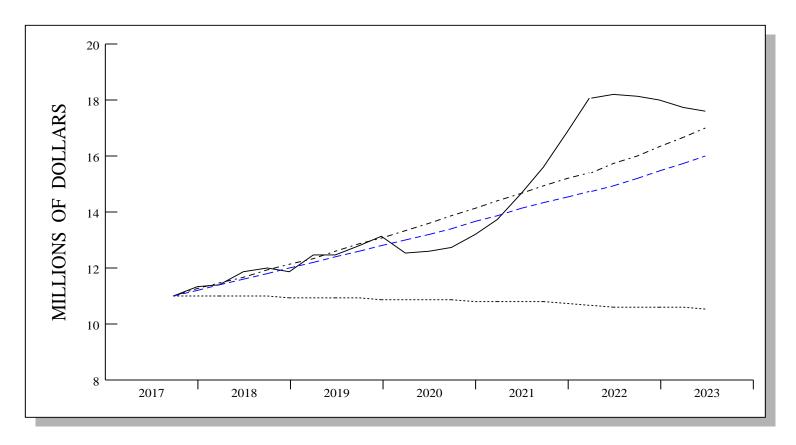
 Contribs / Withdrawals
 - 16,976

 Income
 202,867

 Capital Gains / Losses
 -297,342

 Market Value 6/2023
 \$ 17,658,354

INVESTMENT GROWTH

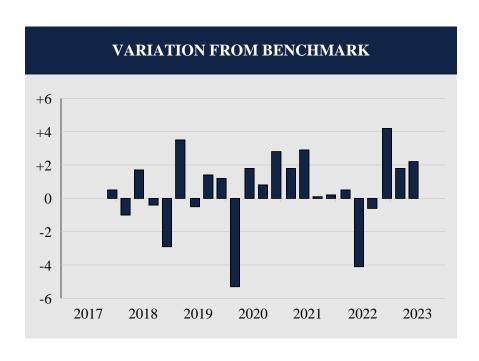


VALUE ASSUMING 8.4% DHB PROJ \$ 17,013,550 7.3% HZN PROJ \$ 16,027,118

	LAST QUARTER	PERIOD 9/17 - 6/23
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 17,769,805 - 16,976 - 94,475 \$ 17,658,354	\$ 11,063,977 -471,885 <u>7,066,262</u> \$ 17,658,354
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	202,867 -297,342 - 94,475	$ \begin{array}{r} 3,279,472 \\ 3,786,790 \\ \hline 7,066,262 \end{array} $

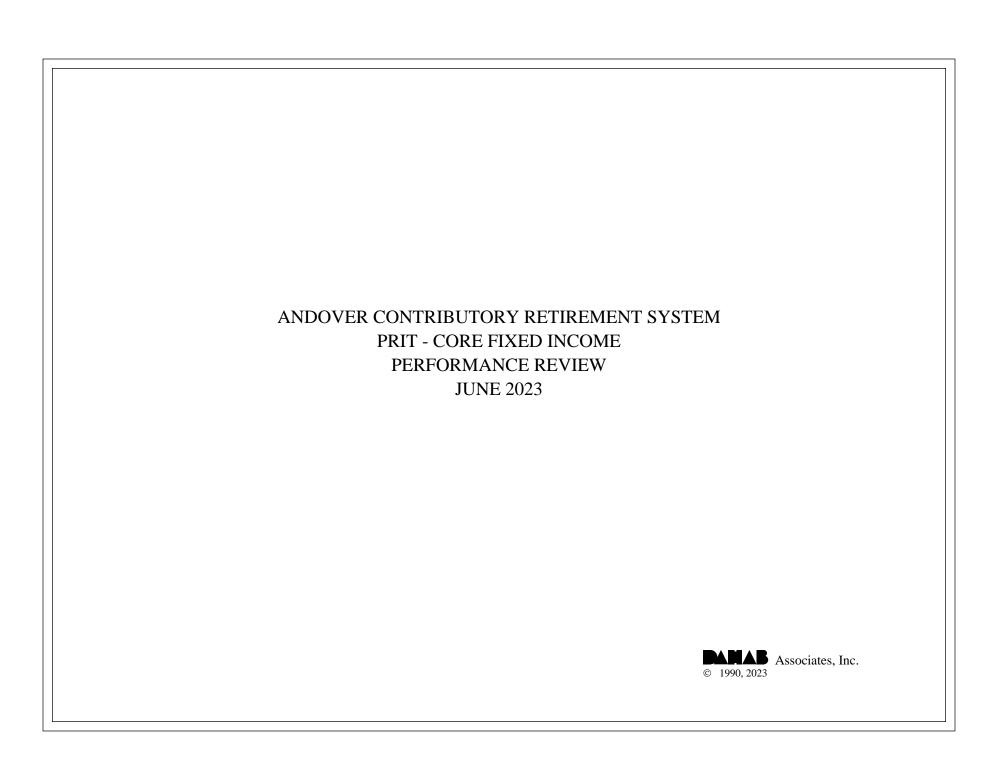
TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



Total Quarters Observed	23
Quarters At or Above the Benchmark	16
Quarters Below the Benchmark	7
Batting Average	.696

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	2.6	2.1	0.5			
3/18	1.2	2.2	-1.0			
6/18	3.7	2.0	1.7			
9/18	1.7	2.1	-0.4			
12/18	-1.1	1.8	-2.9			
3/19	4.9	1.4	3.5			
6/19	0.5	1.0	-0.5			
9/19	2.7	1.3	1.4			
12/19	2.7	1.5	1.2			
3/20	-4.3	1.0	-5.3			
6/20	0.2	-1.6	1.8			
9/20	1.3	0.5	0.8			
12/20	4.1	1.3	2.8			
3/21	3.9	2.1	1.8			
6/21	6.8	3.9	2.9			
9/21	6.7	6.6	0.1			
12/21	8.2	8.0	0.2			
3/22	7.9	7.4	0.5			
6/22	0.7	4.8	-4.1			
9/22	-0.1	0.5	-0.6			
12/22	-0.8	-5.0	4.2			
3/23	-1.4	-3.2	1.8			
6/23	-0.5	-2.7	2.2			



INVESTMENT RETURN

On June 30th, 2023, the Andover Contributory Retirement System's PRIT Core Fixed Income portfolio was valued at \$6,037,515, a decrease of \$78,895 from the March ending value of \$6,116,410. Last quarter, the account recorded total net withdrawals of \$1,236 in addition to \$77,659 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$58,635 and realized and unrealized capital losses totaling \$136,294.

RELATIVE PERFORMANCE

During the second quarter, the PRIT Core Fixed Income portfolio lost 1.3%, which was 0.5% below the Bloomberg Aggregate Index's return of -0.8% and ranked in the 99th percentile of the Core Fixed Income universe. Over the trailing year, the portfolio returned -2.7%, which was 1.8% below the benchmark's -0.9% performance, and ranked in the 99th percentile. Since September 2017, the account returned 1.0% per annum and ranked in the 13th percentile. For comparison, the Bloomberg Aggregate Index returned an annualized 0.4% over the same time frame.

EXECUTIVE SUMMARY

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/17	
Total Portfolio - Gross	-1.3	3.0	-2.7	-5.1	1.1	1.0	
CORE FIXED INCOME RANK	(99)	(14)	(99)	(99)	(68)	(13)	
Total Portfolio - Net	-1.3	2.9	-2.8	-5.2	1.0	0.9	
Aggregate Index	-0.8	2.1	-0.9	-4.0	0.8	0.4	
Fixed Income - Gross	-1.3	3.0	-2.7	-5.1	1.1	1.0	
CORE FIXED INCOME RANK	(99)	(14)	(99)	(99)	(68)	(13)	
Aggregate Index	-0.8	2.1	-0.9	-4.0	0.8	0.4	

ASSET ALLOCATION							
Fixed Income	100.0%	\$ 6,037,515					
Total Portfolio	100.0%	\$ 6,037,515					

INVESTMENT RETURN

 Market Value 3/2023
 \$ 6,116,410

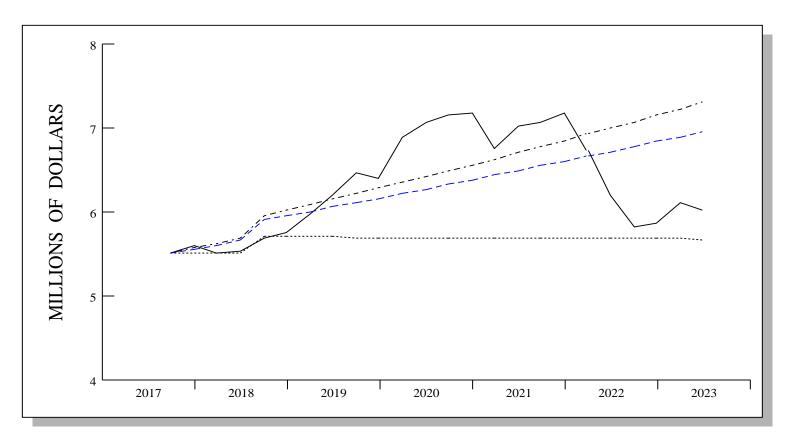
 Contribs / Withdrawals
 - 1,236

 Income
 58,635

 Capital Gains / Losses
 -136,294

 Market Value 6/2023
 \$ 6,037,515

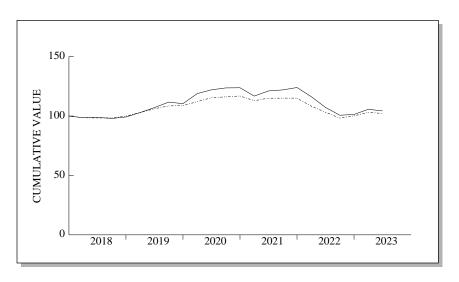
INVESTMENT GROWTH

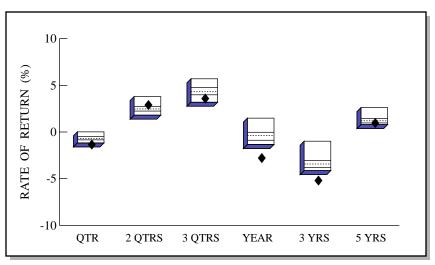


VALUE ASSUMING
4.5% DHB PROJ \$ 7,321,161
3.6% HZN PROJ \$ 6,967,081

	LAST QUARTER	PERIOD 9/17 - 6/23
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 6,116,410 -1,236 -77,659 \$ 6,037,515	\$ 5,522,746 165,476 349,293 \$ 6,037,515
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	58,635 -136,294 -77,659	941,029 -591,736 349,293

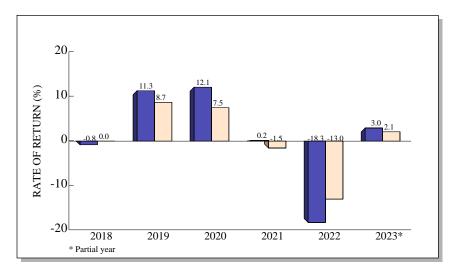
TOTAL RETURN COMPARISONS





Core Fixed Income Universe



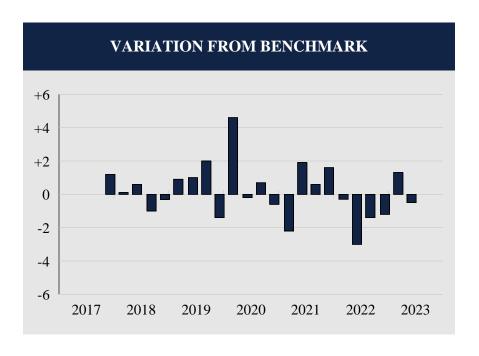


					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-1.3	3.0	3.7	-2.7	-5.1	1.1
(RANK)	(99)	(14)	(87)	(99)	(99)	(68)
5TH %ILE	0.0	3.8	5.7	1.5	-1.0	2.6
25TH %ILE	-0.5	2.7	4.8	0.0	-3.1	1.5
MEDIAN	-0.7	2.5	4.3	-0.4	-3.4	1.2
75TH %ILE	-0.8	2.2	4.0	-0.9	-3.8	1.0
95TH %ILE	-1.2	1.8	3.2	-1.3	-4.1	0.8
Agg	-0.8	2.1	4.0	-0.9	-4.0	0.8

Core Fixed Income Universe

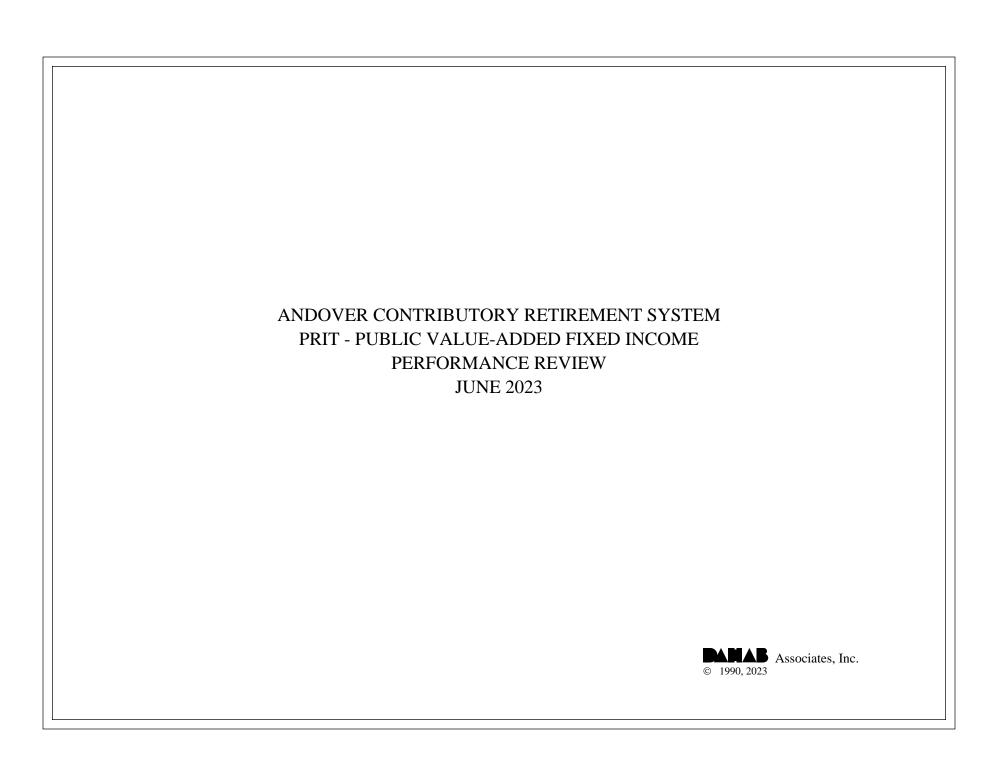
TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: BLOOMBERG AGGREGATE INDEX



Total Quarters Observed	23
Quarters At or Above the Benchmark	12
Quarters Below the Benchmark	11
Batting Average	.522

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	1.6	0.4	1.2			
3/18	-1.4	-1.5	0.1			
6/18	0.4	-0.2	0.6			
9/18	-1.0	0.0	-1.0			
12/18	1.3	1.6	-0.3			
3/19	3.8	2.9	0.9			
6/19	4.1	3.1	1.0			
9/19	4.3	2.3	2.0			
12/19	-1.2	0.2	-1.4			
3/20	7.7	3.1	4.6			
6/20	2.7	2.9	-0.2			
9/20	1.3	0.6	0.7			
12/20	0.1	0.7	-0.6			
3/21	-5.6	-3.4	-2.2			
6/21	3.7	1.8	1.9			
9/21	0.7	0.1	0.6			
12/21	1.6	0.0	1.6			
3/22	-6.2	-5.9	-0.3			
6/22	-7.7	-4.7	-3.0			
9/22	-6.2	-4.8	-1.4			
12/22	0.7	1.9	-1.2			
3/23	4.3	3.0	1.3			
6/23	-1.3	-0.8	-0.5			



INVESTMENT RETURN

On June 30th, 2023, the Andover Contributory Retirement System's PRIT Public Value-Added Fixed Income portfolio was valued at \$7,794,973, representing an increase of \$167,396 from the March quarter's ending value of \$7,627,577. Last quarter, the Fund posted withdrawals totaling \$8,012, which partially offset the portfolio's net investment return of \$175,408. Net investment return was a product of income receipts totaling \$192,780 and realized and unrealized capital losses of \$17,372.

RELATIVE PERFORMANCE

For the second quarter, the PRIT Public Value-Added Fixed Income portfolio returned 2.3%, which was 0.2% below the Blended Value Added Fixed Income Index's return of 2.5% and ranked in the 14th percentile of the High Yield Fixed Income universe. Over the trailing year, the portfolio returned 9.0%, which was 0.5% below the benchmark's 9.5% return, ranking in the 42nd percentile. Since September 2017, the portfolio returned 2.6% annualized and ranked in the 65th percentile. The Blended Value Added Fixed Income Index returned an annualized 2.8% over the same period.

EXECUTIVE SUMMARY

PERFORMANCE SUMMARY							
	Quarter	YTD	1 Year	3 Year	5 Year	Since 09/17	
Total Portfolio - Gross	2.3	5.3	9.0	3.3	3.0	2.6	
HIGH YIELD FIXED RANK	(14)	(23)	(42)	(61)	(95)	(65)	
Total Portfolio - Net	2.2	5.1	8.5	2.9	2.5	2.1	
Value Added Idx	2.5	5.9	9.5	3.3	3.1	2.8	
Fixed Income - Gross	2.3	5.3	9.0	3.3	3.0	2.6	
HIGH YIELD FIXED RANK	(14)	(23)	(42)	(61)	(95)	(65)	
Value Added Idx	2.5	5.9	9.5	3.3	3.1	2.8	

ASSET ALLOCATION			
Fixed Income	100.0%	\$ 7,794,973	
Total Portfolio	100.0%	\$ 7,794,973	

INVESTMENT RETURN

 Market Value 3/2023
 \$ 7,627,577

 Contribs / Withdrawals
 - 8,012

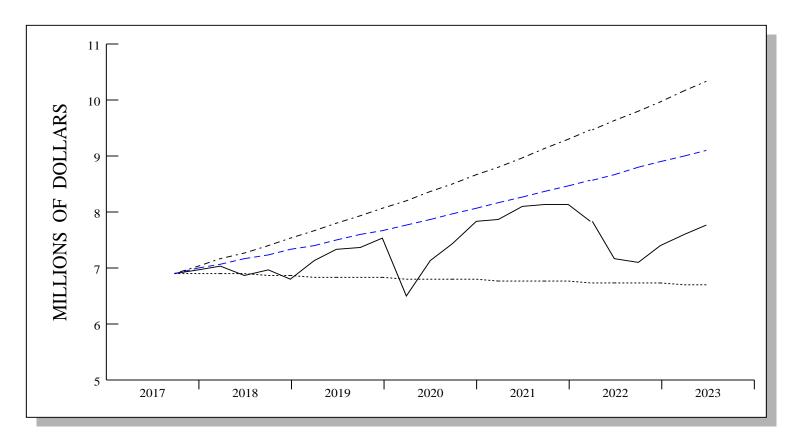
 Income
 192,780

 Capital Gains / Losses
 - 17,372

 Market Value 6/2023
 \$ 7,794,973

DAHAB ASSOCIATES, INC.

INVESTMENT GROWTH

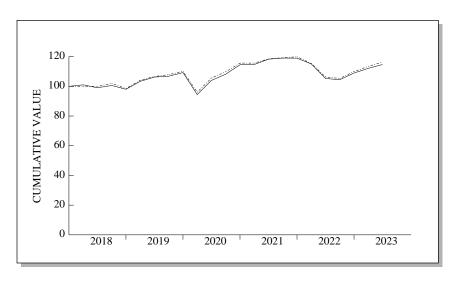


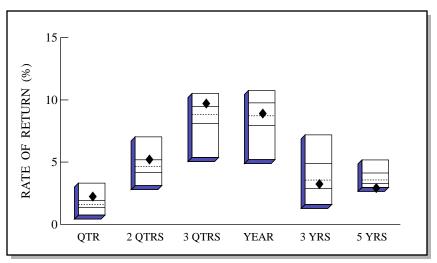
3

VALUE ASSUMING
7.7% DHB PROJ \$ 10,354,670
5.4% HZN PROJ \$ 9,132,658

	LAST QUARTER	PERIOD 9/17 - 6/23
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 7,627,577 - 8,012 <u>175,408</u> \$ 7,794,973	\$ 6,930,507 -207,681 1,072,147 \$ 7,794,973
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	192,780 -17,372 175,408	2,446,363 -1,374,216 1,072,147

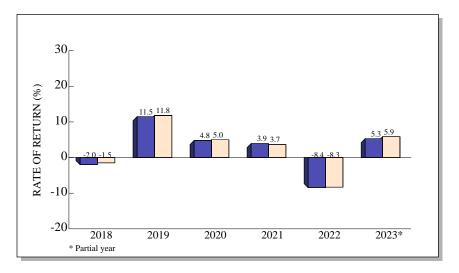
TOTAL RETURN COMPARISONS





High Yield Fixed Universe



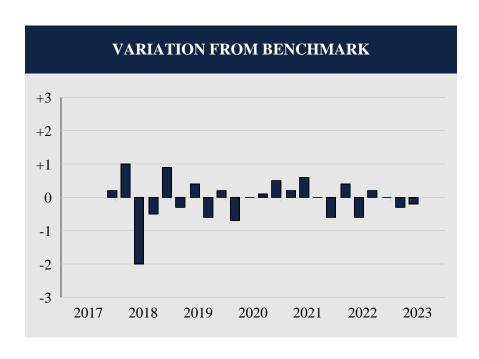


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	2.3	5.3	9.8	9.0	3.3	3.0
(RANK)	(14)	(23)	(18)	(42)	(61)	(95)
5TH %ILE	3.3	7.0	10.5	10.8	7.2	5.2
25TH %ILE	1.9	5.2	9.5	9.8	4.9	4.1
MEDIAN	1.6	4.7	8.8	8.7	3.6	3.6
75TH %ILE	1.3	4.2	8.1	8.0	2.9	3.3
95TH %ILE	0.7	3.1	5.4	5.2	1.6	3.0
Value Added	2.5	5.9	10.4	9.5	3.3	3.1

High Yield Fixed Universe

TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: BLENDED VALUE ADDED FIXED INCOME INDEX



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

RATES OF RETURN				
Date	Portfolio	Benchmark	Difference	
12/17	0.9	0.7	0.2	
3/18	1.0	0.0	1.0	
6/18	-2.0	0.0	-2.0	
9/18	1.6	2.1	-0.5	
12/18	-2.5	-3.4	0.9	
3/19	5.4	5.7	-0.3	
6/19	2.8	2.4	0.4	
9/19	0.6	1.2	-0.6	
12/19	2.3	2.1	0.2	
3/20	-13.5	-12.8	-0.7	
6/20	10.0	10.0	0.0	
9/20	4.1	4.0	0.1	
12/20	5.8	5.3	0.5	
3/21	0.2	0.0	0.2	
6/21	3.1	2.5	0.6	
9/21	0.6	0.6	0.0	
12/21	-0.1	0.5	-0.6	
3/22	-3.3	-3.7	0.4	
6/22	-8.5	-7.9	-0.6	
9/22	-0.7	-0.9	0.2	
12/22	4.3	4.3	0.0	
3/23	2.9	3.2	-0.3	
6/23	2.3	2.5	-0.2	