

# City of Pontiac General Employees' Retirement System

Performance Review March 2022

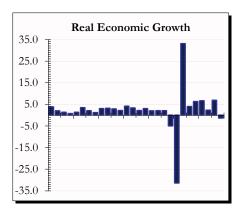




#### **ECONOMIC ENVIRONMENT**

#### **Under Pressure**

The first quarter was marked by losses across most public asset classes as market participants focused on inflation and geopolitical tensions. This was seen most broadly in equities, represented by the MSCI World Index, which lost 5.7%.



The invasion of Ukraine by Russian forces was the catalyst for a swift change in the global economic outlook. Prior to the incursion, economists broadly had lukewarm to positive feelings about the economic

landscape, barring the inflation outlook. Positivity was short-lived as cost pressures mounted. Advance estimates of Q1 2022 GDP from the U.S. Bureau of Economic Analysis decreased at an annual rate of 1.4%

The inflationary pressures being felt at the tail end of last year have been exacerbated. The Federal Reserve which had recently changed its language on inflation from "transitory" to "elevated", is now at risk of falling behind. It now must walk the tightrope of raising interest rates to fight inflation, while also trying to avoid a severe economic slowdown. The overarching problem of inflation may be largely out of their control, however.

The unprecedented financial sanctions put on Russia and the resulting distress in one of the most commodity-rich regions globally has thrown global supply chains (still recovering from COVID-related pains) into disarray. With this as the backdrop, the number of projected interest rate hikes has decreased by nearly half.

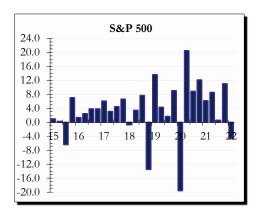
Russia is a top-ten global producer of many commodities which include: palladium, gold, silver, nickel, iron, tin, copper, zinc, uranium, and, most importantly, oil. Russia is the third-largest producer of oil worldwide and provides roughly 10% of the global supply. The other metals are used as key materials in goods ranging from automobiles to consumer electronics. Increases in the price of these base metals are being fed through the market as higher costs to the consumer.

Cost pressures did ease near the end of the quarter, boosting equity markets from their year-to-date lows.

### **DOMESTIC EQUITIES**

### **Slamming Brakes**

U.S. equities, as measured by the Russell 3000, lost 5.3% in the first quarter. Using the S&P 500 as a proxy, large capitalization companies lost 4.6%. These losses were sustained broadly. Out of the eleven market sectors, only Energy and Utilities had positive returns. Energy stocks were buoyed by rising oil prices and increased visibility into capital return policies. Utilities were seen



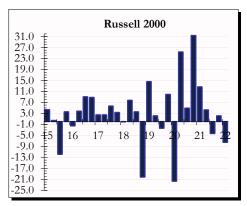
as a risk-off sector in a more challenging market environment. Information Technology, which had previously led the market, was the second worst performing sector, down 8.4%.

These same dynamics were seen in the outperformance in the Value style, relative to Growth, across all market capitalizations. Value-styled benchmarks have a higher allocation to Energy and lower allocation to Information Technology. The relative outperformance was between 8% and 10%.

Large capitalization companies were more broadly insulated from the downturn then their smaller counterparts. Using Russell

indices as a proxy: small-capitalization companies lost 7.5%, relative to the 5.1% loss sustained by their larger counterparts.

Quality and dividends seemed to be the only factors that held up



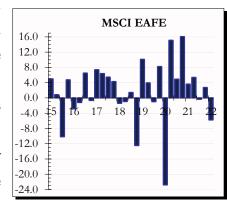
companies in the first quarter. The S&P 500 Low Volatility and Dow Jones U.S. Select Dividend indices both gained 5.3%.

### **INTERNATIONAL EQUITIES**

#### **War Impacts**

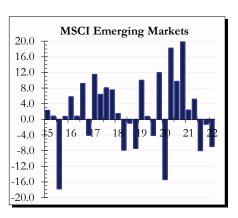
International markets broadly fell in the first quarter. The MSCI All Country World ex. US index, which broadly tracks the global market excluding the United States, lost 5.3%. Sentiment turned sharply lower as investors weighed the economic and human implications of Russia's invasion of Ukraine.

In developed markets, the MSCI EAFE lost 5.8%. Of the 21 constituent countries in the index, 17 had negative returns. Four of the five largest countries by weighting: Japan, France, and Switzerland, and Germany each lost more than 7.1%. These countries represent more than



50% of the index. One bright spot was seen in the United Kingdom, the second largest country by weighting. Equities in the United Kingdom rose slightly (+0.7%) acting as a bulwark to further index losses.

Emerging markets lost 6.9% in the quarter. This poor performance masked broad country strength within the index. Of the 25



countries that were in the index at the start of the quarter only seven ended with negative returns. On March 2<sup>nd</sup>, MSCI removed Russian equities from its indices citing suitability and investability concerns. Russian equities

were broadly marked to zero. The other negative returns were seen in China, India, South Korea, Taiwan, Egypt, Poland, and Hungary. These countries account for nearly 80% of total index assets.

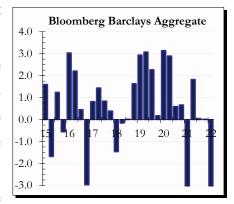
#### **BOND MARKET**

### **Worst Quarterly Return**

Fixed income markets performed poorly in the first quarter as interest rates rose globally. Bonds performed well at the beginning

of the quarter as market participants rotated to safety.

By the end of the quarter the focus was on inflation that is high and still rising. Out of the 49 fixed income indices that we track, all were negative.



The Bloomberg U.S. Aggregate

Index, an index that tracks the broad investable US fixed income

market, lost 5.9%. This was the worst quarterly return since record keeping began in 1973.

Global bonds, using the Bloomberg Global Aggregate as a proxy, performed worse than their U.S. counterparts, losing 6.2%.

Floating bonds and inflation linked securities were the best performers, though they also sustained losses.

Shorter term bonds performed better than their longer-term counterparts. This was most stark within Gov/Credit benchmarks. 1-3 Gov Credit lost 3.5%, while Long Gov/Credit lost 11.0%.

The return outlook for fixed income, especially on a real basis, remains low.

#### **CASH EQUIVALENTS**

#### Low and Lower

The three-month T-Bill returned -0.08% for the first quarter. This is the 57th quarter in a row that return has been less than 75 basis points and the fourth where the return was negative.

Return expectations for cash continue to be low. Cash equivalents are unlikely to provide positive real returns in the foreseeable future.

### **Economic Statistics**

	Current Quarter	Previous Quarter
GDP (Annual Rate)	-1.4%	6.9%
Unemployment	3.6%	3.9%
CPI All Items Year/Year	8.5%	7.9%
Fed Funds Rate	0.3%	0.1%
Industrial Capacity	77.6%	<b>76.5</b> %
U.S. Dollars per Euro	1.11	1.14

### **Major Index Returns**

Index	Quarter	12 Months
Russell 3000	-5.3	11.9
S&P 500	-4.6	15.6
Russell Midcap	<b>-5.</b> 7	6.9
Russell 2000	<b>-7.5</b>	-5.8
MSCI EAFE	-5.8	1.6
MSCI Emg Markets	-6.9	-11.1
NCREIF ODCE	7.4	28.4
U.S. Aggregate	-5.9	-4.2
90 Day T-bills	-0.1	-0.2

### **Domestic Equity Return Distributions**

### Quarter

	VAL	COR	GRO
LC	-0.7	-5.1	-9.0
MC	-1.8	<b>-5.</b> 7	-12.6
sc	-2.4	-7.5	-12.6

### **Trailing Year**

	VAL	COR	GRO
LC	11.7	13.3	15.0
MC	11.5	6.9	-0.9
SC	3.3	-5.8	-14.3

### **Market Summary**

- Equities fell globally
- Value outperformed Growth
- Fixed Income markets sustained losses
- Real assets continue to see gains
- Inflation concerns rise

#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System was valued at \$491,895,172, a decrease of \$107,632,292 from the December ending value of \$599,527,464. Last quarter, the account recorded total net withdrawals of \$81,710,736 in addition to \$25,921,556 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$1,600,146 and realized and unrealized capital losses totaling \$27,521,702.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the total portfolio lost 4.3%, which was 0.3% less than the Pontiac Manager Shadow Index's return of -4.0% and ranked in the 47th percentile of the Public Fund universe. Over the trailing year, the portfolio returned 5.0%, which was 0.2% less than the benchmark's 5.2% performance, and ranked in the 52nd percentile. Since June 1995, the account returned 8.6% per annum.

#### **Domestic Equity**

The domestic equity segment lost 5.6% last quarter, 0.3% below the Russell 3000 Index's return of -5.3% and ranked in the 52nd percentile of the Domestic Equity universe. Over the trailing twelve months, the domestic equity portfolio returned 6.5%, 5.4% less than the benchmark's 11.9% performance, and ranked in the 60th percentile. Since June 1995, this component returned 10.2% on an annualized basis. For comparison, the Russell 3000 returned an annualized 10.3% during the same period.

### **International Equity**

The international equity portfolio returned -9.0% in the first quarter, 3.2% less than the MSCI EAFE Index's return of -5.8% and ranked in the 61st percentile of the International Equity universe. Over the trailing twelvemonth period, the international equity portfolio returned 2.2%; that return

was 0.6% greater than the benchmark's 1.6% return, and ranked in the 23rd percentile.

#### **Emerging Markets Equity**

The emerging markets equity portfolio lost 9.9% in the first quarter, 3.0% below the MSCI Emerging Market Index's return of -6.9% and ranked in the 62nd percentile of the Emerging Markets universe. Over the trailing year, this segment returned -14.4%, 3.3% below the benchmark's -11.1% performance, and ranked in the 68th percentile.

#### **Private Equity**

Current quarter performance for the private equity portfolios and their benchmark, the Cambridge Private Equity Index was not available at the time of this report.

Over the trailing year, this component returned 16.1%, which was 11.9% below the benchmark's 28.0% performance.

#### **Real Estate**

For the first quarter, the real estate component gained 6.1%, which was 1.3% less than the NCREIF NFI-ODCE Index's return of 7.4%. Over the trailing twelve-month period, this segment returned 26.9%, which was 1.5% less than the benchmark's 28.4% return.

#### **Domestic Fixed Income**

The domestic fixed income assets returned -4.9% during the first quarter, 1.0% above the Bloomberg Aggregate Index's return of -5.9% and ranked in the 58th percentile of the Broad Market Fixed Income universe. Over the trailing twelve-month period, this component returned -3.6%, 0.6% greater than the benchmark's -4.2% performance, ranking in the 66th percentile. Since June 1995, this component returned 4.9% on an annualized basis. The Bloomberg Aggregate Index returned an annualized 4.8% during the same time frame.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/95
Total Portfolio - Gross	-4.3	5.0	11.8	10.3	9.6	8.6
PUBLIC FUND RANK	(47)	(52)	(19)	(15)	(9)	
Total Portfolio - Net	-4.4	4.5	11.3	9.8	9.0	8.3
Manager Shadow	-4.0	5.2	11.6	10.1	9.7	
Domestic Equity - Gross	-5.6	6.5	15.9	13.2	12.7	10.2
DOMESTIC EQUITY RANK	(52)	(60)	(54)	(52)	(62)	
Russell 3000	-5.3	11.9	18.2	15.4	14.3	10.3
International Equity - Gross	-9.0	2.2	13.1	11.0	9.9	
INTERNATIONAL EQUITY RAN	K (61)	(23)	(15)	(15)	(12)	
MSCI EAFE	-5.8	1.6	8.3	7.2	6.8	5.6
<b>Emerging Markets Equity - Gross</b>	-9.9	-14.4	3.8			
EMERGING MARKETS RANK	(62)	(68)	(85)			
MSCI Emg Mkts	-6.9	-11.1	5.3	6.4	3.7	6.0
Private Equity - Gross	0.0	16.1	15.7	14.8	12.0	
Cambridge PE	0.0	28.0	23.6	19.9	16.2	15.4
Real Estate - Gross	6.1	26.9	11.8			
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	9.4
Domestic Fixed Income - Gross	-4.9	-3.6	1.9	2.2	2.2	4.9
BROAD MARKET FIXED RANK	(58)	(66)	(64)	(68)	(73)	
Aggregate Index	-5.9	-4.2	1.7	2.1	2.2	4.8

ASSET ALLOCATION						
Domestic Equity	53.4%	\$ 262,693,086				
Int'l Equity	5.7%	28,000,612				
Emerging Markets	3.5%	17,404,568				
Private Equity	2.1%	10,247,568				
Real Estate	10.3%	50,827,886				
Domestic Fixed	22.8%	112,241,474				
Cash	2.1%	10,479,978				
Total Portfolio	100.0%	\$ 491,895,172				

### INVESTMENT RETURN

Market Value 12/2021	\$ 599,527,464
Contribs / Withdrawals	-81,710,736
Income	1,600,146
Capital Gains / Losses	- 27,521,702
Market Value 3/2022	\$ 491,895,172

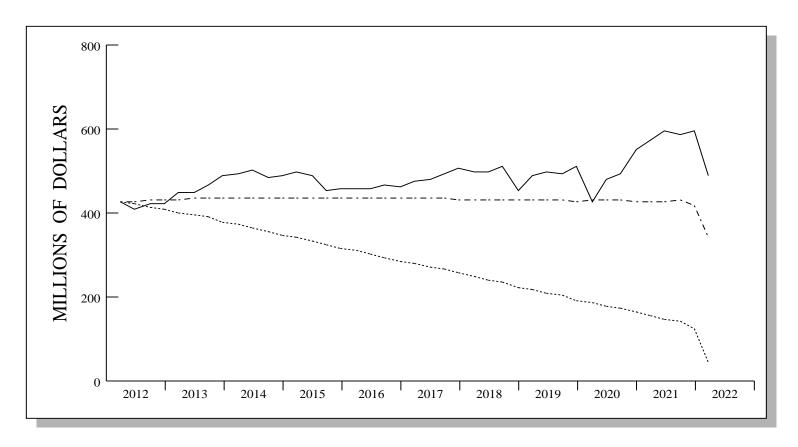
### **EXECUTIVE SUMMARY - USING LAGGED PRIVATE EQUITY DATA**

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/95
Total Portfolio - Gross	-4.3	5.2	11.8	10.3	9.6	8.6
PUBLIC FUND RANK	(47)	(49)	(19)	(15)	(9)	
Total Portfolio - Net	-4.4	4.7	11.3	9.7	9.3	
Manager Shadow	-4.0	5.2	11.6	10.1	9.7	
<b>Domestic Equity - Gross</b>	-5.6	6.5	15.9	13.2	12.7	10.2
DOMESTIC EQUITY RANK	(52)	(60)	(54)	(52)	(62)	
Russell 3000	-5.3	11.9	18.2	15.4	14.3	10.3
International Equity - Gross	-9.0	2.2	13.1	11.0	9.9	
INTERNATIONAL EQUITY RANK	K (61)	(23)	(15)	(15)	(12)	
MSCI EAFE	-5.8	1.6	8.3	7.2	6.8	5.6
<b>Emerging Markets Equity - Gross</b>	-9.9	-14.4	3.8			
EMERGING MARKETS RANK	(62)	(68)	(85)			
MSCI Emg Mkts	-6.9	-11.1	5.3	6.4	3.7	6.0
Private Equity - Gross	0.0	27.0	13.7	12.8	11.3	
Cambridge PE (Lag)	5.3	40.9	25.6	20.8	16.8	15.6
Real Estate - Gross	6.1	26.9	11.8			
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	9.4
<b>Domestic Fixed Income - Gross</b>	-4.9	-3.6	1.9	2.2	2.2	4.9
BROAD MARKET FIXED RANK	(58)	(66)	(64)	(68)	(73)	
Aggregate Index	-5.9	-4.2	1.7	2.1	2.2	4.8

ASSET ALLOCATION						
Domestic Equity	53.4%	\$ 262,693,086				
Int'l Equity	5.7%	28,000,612				
Emerging Markets	3.5%	17,404,568				
Private Equity	2.1%	10,546,568				
Real Estate	10.3%	50,827,886				
Domestic Fixed	22.8%	112,241,474				
Cash	2.1%	10,479,978				
Total Portfolio	100.0%	\$ 492,194,172				

\$ 600,602,728
- 82,487,000
1,600,146
-27,521,702
\$ 492,194,172

### **INVESTMENT GROWTH**



----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING BLENDED RATE\$ 345,095,521

	LAST QUARTER	PERIOD 3/12 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 599,527,464 - 81,710,736 - 25,921,556 \$ 491,895,172	\$ 429,952,966 -385,496,260 <u>447,438,467</u> \$ 491,895,172
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	1,600,146 -27,521,702 -25,921,556	86,962,921 360,475,546 447,438,467

# Pontiac General Employees Retirement System Asset Allocation & Targets as of March 31, 2022

Asset Class	M	Iarket Value	% of Total Portfolio	Target	+/-	Range
Total Portfolio	\$	491,895,172	100%			
Equity (Excluding PE)	\$	308,098,266	62.6%	60.0%	2.6%	55 - 65%
Domestic All Cap	\$	66,229,824	13.5%	14.0%	-0.5%	8 - 16%
Domestic Large Cap	\$	49,795,779	10.1%	10.0%	0.1%	8 - 13%
Domestic Mid Cap	\$	84,629,935	17.2%	15.0%	2.2%	12 - 19%
Domestic Small Cap	\$	62,037,548	12.6%	11.0%	1.6%	8 - 14%
Developed International	\$	28,000,612	5.7%	5.0%	0.7%	3 - 7%
Emerging Markets	\$	17,404,568	3.5%	5.0%	-1.5%	3 - 7%
Private Equity	\$	10,247,568	2.1%	5.0%	-2.9%	3 - 7.5%
Real Estate	\$	50,827,886	10.3%	10.0%	0.3%	7 - 10%
Fixed Income	\$	112,241,474	22.8%	25.0%	-2.2%	20 - 30%
Cash	\$	10,479,978	2.1%	0.0%	2.1%	0 - 5%

# Pontiac General Employees Retirement System PA 314 Compliance as of March 31, 2022

Category	M	larket Value	% of Total Portfoilo	Allocation Limit	+/-	Compliance
Stocks	\$	308,098,266	62.6%	70%	-7.4%	YES
Attucks All Cap	\$	66,229,824	13.5%			
Sawgrass	\$	33,975,285	6.9%			
NT Russell 1000 Value	\$	15,820,494	3.2%			
Xponance Midcap Index	\$	84,629,935	17.2%			
Kennedy	\$	21,877,802	4.4%			
NT Russell 2000 Growth	\$	16,692,333	3.4%			
Loomis	\$	23,467,413	4.8%			
First Eagle	\$	13,744,508	2.8%			
WCM	\$	14,256,104	2.9%			
Northern Trust EM Index	\$	6,736,567	1.4%			
Wellington Emerging Mkts	\$	10,668,001	2.2%			
Global Equity	\$	45,405,180	9.2%	20%	-10.8%	YES
First Eagle	\$	13,744,508	2.8%			
WCM	\$	14,256,104	2.9%			
Northern Trust EM Index	\$	6,736,567	1.4%			
Wellington Emerging Mkts	\$	10,668,001	2.2%			
Real Estate	\$	41,584,712	8.5%	10%	-1.5%	YES
American Realty	\$	5,041,082	1.0%			
Intercontinental	\$	6,847,947	1.4%			
Invesco Core RE	\$	12,374,603	2.5%			
Principal	\$	10,647,115	2.2%			
UBS TPGI	\$	6,673,965	1.4%			
Basket Clause	\$	19,490,742	4.0%	20%	-16.0%	YES
TerraCap IV	\$	3,750,185	0.8%			
TerraCap V	\$	5,492,989	1.1%			
GrayCo	\$	4,460,898	0.9%			
Mesirow IV	\$	1,353,125	0.3%			
Mesirow VI	\$	4,433,545	0.9%			
Holdings >5% of Market Cap	\$	-	0.0%	0%	0.0%	YES

## Pontiac General Employees Retirement System Top Twenty Stock Holdings as of March 31, 2022

	Name	Ticker	Sector	Market Cap	Market Value	%
1	Apple Inc	AAPL	Information Technology	\$2,849.54	\$4,683,389	1.0%
2	Microsoft Corp	MSFT	Information Technology	\$2,311.36	\$3,419,158	0.7%
3	Amazon.Com Inc	AMZN	Consumer Discretionary	\$1,658.81	\$2,500,382	0.5%
4	Alphabet Inc	GOOGL	Communication Services	\$960.49	\$1,908,006	0.4%
5	Costco Wholesale Corp	COST	Consumer Staples	\$255.23	\$1,482,814	0.3%
6	Abbvie Inc	ABBV	Health Care	\$286.33	\$1,439,213	0.3%
7	Amgen Inc	AMGN	Health Care	\$134.70	\$1,414,405	0.3%
8	Autozone Inc	AZO	Consumer Discretionary	\$40.58	\$1,259,461	0.3%
9	Broadcom Inc	AVGO	Information Technology	\$257.09	\$1,193,244	0.2%
10	Unitedhealth Group Inc	UNH	Health Care	\$479.83	\$1,128,564	0.2%
11	Meta Platforms Inc	FB	Communication Services	\$605.25	\$1,088,675	0.2%
12	Verizon Communications Inc	VZ	Communication Services	\$213.95	\$1,088,333	0.2%
13	Fair Isaac Corp	FICO	Information Technology	\$12.26	\$1,043,937	0.2%
14	Johnson & Johnson	JNJ	Health Care	\$466.05	\$991,247	0.2%
15	CVS Health Corp	CVS	Health Care	\$132.91	\$987,506	0.2%
16	Akamai Technologies Inc	AKAM	Information Technology	\$19.21	\$965,149	0.2%
17	Concentrix Corp	CNXC	Information Technology	\$8.71	\$919,078	0.2%
18	Performance Food Group Co	PFGC	Consumer Staples	\$7.88	\$899,885	0.2%
19	Cisco Systems Inc	CSCO	Information Technology	\$231.64	\$898,907	0.2%
20	Union Pacific Corp	UNP	Industrials	\$171.68	\$891,484	0.2%

Percentages shown are out of the total portfolio. Market capitalization is expressed in billions.

## Pontiac General Employees Retirement System Top Twenty Fixed Income Holdings as of March 31, 2022

	Name	Coupon	Maturity	Quality	Sector	Market Value	%
1	United States Treasury	0.500	5.25	USG	GOVT	\$6,597,375	1.3%
2	United States Treasury	0.125	0.67	USG	GOVT	\$4,124,035	0.8%
3	Federal Home Loan Banks	3.250	7.94	AAA	AGNC	\$2,626,450	0.5%
4	Federal Home Loan Banks	2.125	7.71	AAA	AGNC	\$2,419,700	0.5%
5	Federal Home Loan Banks	1.000	3.98	AAA	AGNC	\$2,287,375	0.5%
6	United States Treasury	0.000	4.38	USG	GOVT	\$2,244,450	0.5%
7	United States Treasury	1.250	28.14	USG	GOVT	\$2,234,597	0.5%
8	United States Treasury	2.750	5.88	USG	GOVT	\$1,777,073	0.4%
9	United States Treasury	2.250	4.88	USG	GOVT	\$1,484,295	0.3%
10	United States Treasury	1.125	5.92	USG	GOVT	\$1,390,905	0.3%
11	United States Treasury	0.750	4.08	USG	GOVT	\$1,380,350	0.3%
12	Federal National Mortgage Association	2.500	10.03	USG	MORT	\$1,113,790	0.2%
13	United States Treasury	0.625	2.55	USG	GOVT	\$1,072,937	0.2%
14	Federal National Mortgage Association	2.500	9.99	USG	CMO	\$1,000,752	0.2%
15	Federal Home Loan Mortgage Corp	2.000	10.37	USG	MORT	\$965,076	0.2%
16	Federal National Mortgage Association	2.500	10.19	USG	MORT	\$947,173	0.2%
17	Federal National Mortgage Association	0.500	3.61	USG	AGNC	\$930,980	0.2%
18	Jefferson Twp NJ School District	1.277	4.46	NR	MUNI	\$930,140	0.2%
19	Bloomfield Twp Mich	4.060	2.09	AA	MUNI	\$918,459	0.2%
20	Clemson Univ SC Univ Revs	3.000	2.09	AA	MUNI	\$907,929	0.2%

Percentages shown are out of the total portfolio.

# Pontiac General Employees Retirement System Manager Allocation Summary as of March 31, 2022

Prior Quarter Market Value	%	Portfolio	(Style)	Current Quarter Market Value	%
\$599,527,464	100%	Total Portfolio	(Total)	\$491,895,172	100%
\$90,934,746	15.2%	Attucks Asset Management All Cap	(All Cap Equity)	\$66,229,824	13.5%
\$47,401,618	7.9%	Sawgrass Asset Management Large Cap Growth	(Large Cap Growth)	\$33,975,285	6.9%
\$8,044,356	1.3%	Northern Trust Collective Russell 1000 Value Index	(Large Cap Value)	\$15,820,494	3.2%
\$95,527,852	15.9%	Xponance Midcap Index	(Mid Cap Core)	\$84,629,935	17.2%
\$23,612,267	3.9%	Kennedy Small Cap Core	(Small Cap Core)	\$21,877,802	4.4%
\$15,576,777	2.6%	Northern Trust Collective Russell 2000 Growth Index	(Small Cap Growth)	\$16,692,333	3.4%
\$25,053,047	4.2%	Loomis Sayles Small Cap Value	(Small Cap Value)	\$23,467,413	4.8%
\$17,445,906	2.9%	First Eagle International Value	(Int'l Value Equity)	\$13,744,508	2.8%
\$21,019,657	3.5%	WCM Focused Growth International	(International Equity)	\$14,256,104	2.9%
\$7,282,558	1.2%	Northern Trust EM Index Strategy	(Emerging Markets)	\$6,736,567	1.4%
\$15,693,366	2.6%	Wellington Management Emerging Markets Research Equity	(Emerging Markets)	\$10,668,001	2.2%
\$4,460,898	0.7%	Consequent Capital Management GrayCo Alternative Partners I	(Private Equity)	\$4,460,898	0.9%
\$1,433,125	0.2%	Mesirow Financial Partnership Fund IV	(Private Equity)	\$1,353,125	0.3%
\$4,652,545	0.8%	Mesirow Financial Partnership Fund VI	(Private Equity)	\$4,433,545	0.9%
\$4,744,944	0.8%	American Realty Advisors American Strategic Value Realty Fund	(Real Estate)	\$5,041,082	1.0%
\$6,519,914	1.1%	Intercontinental U.S. Real Estate Investment Fund	(Real Estate)	\$6,847,947	1.4%
\$18,911,840	3.2%	Invesco Core Real Estate	(Real Estate)	\$12,374,603	2.5%
\$16,221,302	2.7%	Principal U.S. Property	(Real Estate)	\$10,647,115	2.2%
\$3,750,185	0.6%	TerraCap Partners IV	(Real Estate)	\$3,750,185	0.8%
\$5,492,989	0.9%	TerraCap Partners V	(Real Estate)	\$5,492,989	1.1%
\$6,030,378	1.0%	UBS Trumbull Property Growth & Income	(Real Estate)	\$6,673,965	1.4%
\$70,449,649	11.8%	Victory Capital Management Core Fixed Income	(Core Fixed Income)	\$49,261,138	10.0%
\$65,923,410	11.0%	Robinson Capital Management Core Fixed Income	(Intermediate Fixed)	\$62,980,336	12.8%
\$23,344,135	3.9%	Cash	(Cash)	\$10,479,978	2.1%

# Pontiac General Employees Retirement System Manager Performance Summary as of March 31, 2022

Portfolio	Universe	Qua	rter	1 Y	ear	3 Ye	ears	5 Y	ears	10 Y	ears	Incer	otion	Date
Total Portfolio	(Public Fund)	-4.3	(47)	5.0	(52)	11.8	(19)	10.3	(15)	9.6	(9)	8.6		06/95
Total Portfolio net of fees Shadow Index		-4.4 -4.0		<b>4.5</b> 5.2		11.3 11.6		9.8 10.1		9.0 9.7				
Attucks All Cap	(All Cap Equity)	- <b>4.0</b> -5.1	(49)	10.0	(41)	19.0	(24)	15.7	(37)	13.9	(43)	13.5		06/11
Attucks All Cap net of fees	(All Cap Equity)	-5.2	(42)	9.5	(41)	18.5	(24)	15.7	(37)	13.3	(43)	12.8		00/11
Russell 3000		-5.3		11.9		18.2		15.4		14.3		14.0		
Sawgrass	(LC Growth)	-5.7	(12)	15.7	(14)	19.8	(58)	18.3	(62)	15.4	(62)	11.4		12/07
Sawgrass net of fees	,	-5.8	, ,	15.1	, ,	19.1	` /	17.6	, ,	14.8	. ,	10.9		
Russell 1000 Growth		-9.0		<i>15.0</i>		23.6		20.9		<i>17.0</i>		<i>12.8</i>		
NT Russell 1000 Value	(LC Value)	-0.8	(57)	11.7	(68)							11.6	(71)	12/19
NT Russell 1000 Value net of fees		-0.8		11.6								11.6		
Russell 1000 Value		-0.7		11.7		13.0		10.3		11.7		11.5		
Xponance Midcap Index	(MC Core)	-4.9	(35)	4.6	(73)							14.2	(67)	06/19
Xponance Midcap Index net of fees		-4.9		4.6								14.2		
S&P 400		-4.9		4.6		14.1		11.1		12.2		14.3		
Kennedy	(SC Core)	-7.3	(56)	2.2	(55)	13.6	(63)	11.0	(65)	11.3	(87)	14.2		12/94
Kennedy net of fees		-7.6		1.3		12.6		9.9		10.2		13.7		
Russell 2000	(00.0 1)	-7.5	(50)	-5.8	(02)	11.7	(0.6)	9.7		11.0		9.5	(0.1)	10/10
NT Russell 2000 Growth	(SC Growth)	-12.5	(50)	-14.2	(82)	9.9	(96)					14.5	(91)	12/18
NT Russell 2000 Growth net of fees		-12.6		-14.3		9.8		10.2		11.0		14.5		
Russell 2000 Growth Loomis	(CC Value)	<i>-12.6</i> -6.3	(85)	<i>-14.3</i> 3.7	(65)	9.9 10.7	(00)	10.3 7.7	(96)	11.2 10.5	(70)	14.5 12.6		12/94
Loomis net of fees	(SC Value)	-6.5	(83)	3.0	(65)	10.7	(90)	7.7	(86)	9.8	(79)	12.0		12/94
Russell 2000 Value		-0.3 -2.4		3.3		10.0 12.7		8.6		10.5		10.4		
First Eagle	(Intl Eq)	-0.6	(8)	3.9	(16)	7.9	(56)			10.5		6.4	(33)	06/18
First Eagle net of fees	(mti Eq)	-0.8	(0)	3.1	(10)	7.1	(30)					5.5	(33)	00/10
MSCI AC World ex US Value		0.3		4.0		6.1		5.3		4.8		<i>4.5</i>		
WCM	(Intl Eq)	-15.9	(91)	0.3	(32)	17.9	(4)	16.1	(3)			12.6	(1)	09/13
WCM net of fees	(	-16.1	()	-0.5	()	17.0	( ' )	15.2	(-)			11.8	(-)	0,7,20
MSCI All Country World ex US Net		-5.4		-1.5		7.5		6.8		5.6		4.8		
Northern Trust EM Index	(Emerging Mkt)	-7.5	(50)	-12.2	(59)	4.5	(78)					7.3	(71)	12/18
Northern Trust EM Index net of fees		-7.5	, ,	-12.3	, ,	4.4	. ,					7.2	. ,	
MSCI Emerging Markets		-6.9		-11.1		<i>5.3</i>		6.4		3.7		8.0		
Wellington Emerging Mkts	(Emerging Mkt)	-11.3	(69)	-15.5	(73)	3.4	(88)					6.8	(79)	12/18
Wellington Emerging Mkts net of fees		-11.4		-15.9		2.9						6.3		
MSCI Emerging Markets		-6.9		-11.1		5.3		6.4		3.7		8.0		

# Pontiac General Employees Retirement System Manager Performance Summary as of March 31, 2022

Portfolio	Universe	Quarter	1 Year	3 Years	5 Years	10 Years	Inception Date
GrayCo			4.3	-2.0	2.3	3.7	3.7 03/12
GrayCo net of fees			3.8	-2.8	1.4	2.6	2.6
Cambridge US Private Equity			28.0	23.6	19.9	16.2	16.2
Mesirow IV			21.9	27.4	20.9	17.8	12.4 03/07
Mesirow IV net of fees			21.0	26.1	19.6	16.2	8.9
Cambridge US Private Equity			28.0	23.6	19.9	16.2	13.1
Mesirow VI			25.6	38.3	31.6		21.6 06/13
Mesirow VI net of fees			25.1	37.3	30.3		15.1
Cambridge US Private Equity			28.0	23.6	19.9	16.2	16.7
American Realty		7.7	28.0				13.7 06/19
American Realty net of fees		6.3	23.3				11.4
NCREIF NFI-ODCE Index		7.4	28.4	11.3	9.9	10.9	12.0
Intercontinental		5.7	28.2	12.8			12.0 12/17
Intercontinental net of fees		5.5	23.8	10.7			10.1
NCREIF NFI-ODCE Index		7.4	28.4	11.3	9.9	10.9	10.3
Invesco Core RE		6.6	27.1	10.2			9.7 09/17
Invesco Core RE net of fees		6.4	25.9	9.1			8.6
NCREIF NFI-ODCE Index		7.4	28.4	11.3	9.9	10.9	10.2
Principal		7.5	29.6	12.4			11.4 12/17
Principal net of fees		7.3	28.4	11.3			10.2
NCREIF NFI-ODCE Index		7.4	28.4	11.3	9.9	10.9	10.3
TerraCap IV			17.0				16.0 09/19
TerraCap IV net of fees			11.4				12.2
NCREIF NFI-ODCE Index		7.4	28.4	11.3	9.9	10.9	12.6
TerraCap V							20.2 06/21
TerraCap V net of fees							16.2
NCREIF NFI-ODCE Index		7.4	28.4	11.3	9.9	10.9	23.6
UBS TPGI		11.8	34.0				14.4 06/19
UBS TPGI net of fees		10.5	31.2				12.6
NCREIF NFI-ODCE Index		7.4	28.4	11.3	9.9	10.9	12.0
Victory	(Core Fixed)	-5.3 (19)	, ,	2.3 (46)	2.6 (57)	2.7 (57)	5.3 12/94
Victory net of fees		-5.3	-3.6	2.1	2.3	2.4	5.1
Bloomberg Aggregate Index		-5.9	-4.2	1.7	2.1	2.2	5.1
Robinson	(Int Fixed)	-4.5 (68)		1.6 (72)	1.9 (87)	2.2 (58)	2.4 09/10
Robinson net of fees		-4.5	-4.0	1.4	1.7	1.9	2.2
Intermediate Gov/Credit		-4.5	-4.1	1.5	1.8	1.8	2.0

# Pontiac General Employees Retirement System Attucks Performance Summary as of March 2022

Portfolio	Universe	Qua	rter	1 Y	ear	3 Y	ears	5 Y	ears	10 Y	ears	Incep	otion	Date
Attucks All Cap	(All Cap Equity)	-5.1	(49)	10.0	(41)	19.0	(24)	15.7	(37)	13.9	(43)	13.5		06/11
Net of mgr fees & gross of Attucks	fees	-5.2		9.7		18.7		15.4		13.6		13.2		
Attucks All Cap net of fees		-5.2		9.5		18.5		15.1		13.3		12.8		
Russell 3000		-5.3		11.9		18.2		15.4		<i>14.3</i>		<i>14.0</i>		
Heard	(All Cap Core)	-7.4	(80)	4.9	(98)							25.7	(32)	06/20
Heard net of fees		-7.5		4.6								25.4		
Russell 3000		-5.3		11.9		18.2		15.4		14.3		25.6		
Decatur	(LC Growth)	-8.2	(31)	17.3	(9)							22.6	(28)	06/20
Decatur net of fees		-8.3		16.9								22.3		
Russell 1000 Growth		-9.0		<i>15.0</i>		23.6		20.9		<i>17.0</i>		24.3		
Edgar Lomax	(LC Value)	1.5	(25)	15.1	(27)	11.4	(94)					11.5	(56)	06/18
Edgar Lomax net of fees		1.4		14.8		11.1						11.1		
Russell 1000 Value		-0.7		11.7		13.0		10.3		11.7		11.6		
Seizert	(LC Value)	-0.3	(47)	16.4	(16)	22.0	(4)	15.7	(11)	15.1	(4)	14.3		06/11
Seizert net of fees		-0.4		16.1		21.6		15.4		14.8		14.0		
Russell 1000 Value		-0.7		11.7		13.0		10.3		11.7		11.4		
Lisanti	(Smid Cap)	-13.9	(93)	-3.0	(80)							21.6	(9)	12/19
Lisanti net of fees	_	-14.0		-3.3								21.3		
Russell 2500 Growth		-12.3		-10.1		13.0		13.2		12.7		12.1		
Phocas	(SC Value)	-1.1	(26)	10.0	(23)							17.1	(16)	12/19
Phocas net of fees	•	-1.2		9.7								16.7		
Russell 2000 Value		-2.4		3.3		12.7		8.6		10.5		12.7		

## Pontiac General Employees Retirement System Manager Value Added as of March 31, 2022

1 Quarter	Portfolio	Benchmark	1 Year
-0.3	Total Portfolio	Pontiac Manager Shadow Index	-0.2
0.2	Attucks All Cap	Russell 3000	-1.9
3.3	Sawgrass	Russell 1000 Growth	0.7
-0.1	NT Russell 1000 Value	Russell 1000 Value	0.0
0.0	Xponance Midcap Index	S&P 400	0.0
0.2	Kennedy	Russell 2000	8.0
0.1	NT Russell 2000 Growth	Russell 2000 Growth	0.1
-3.9	Loomis	Russell 2000 Value	0.4
-0.9	First Eagle	MSCI AC World ex US Value	-0.1
-10.5	WCM	MSCI All Country World ex US Net	1.8
-0.6	Northern Trust EM Index	MSCI Emerging Markets	-1.1
-4.4	Wellington Emerging Mkts	MSCI Emerging Markets	-4.4
0.0	GrayCo	Cambridge US Private Equity	-23.7
0.0	Mesirow IV	Cambridge US Private Equity	-6.1
0.0	Mesirow VI	Cambridge US Private Equity	-2.4
0.3	American Realty	NCREIF NFI-ODCE Index	-0.4
-1.7	Intercontinental	NCREIF NFI-ODCE Index	-0.2
-0.8	Invesco Core RE	NCREIF NFI-ODCE Index	-1.3
0.1	Principal	NCREIF NFI-ODCE Index	1.2
-7.4	TerraCap IV	NCREIF NFI-ODCE Index	-11.4
-7.4	TerraCap V	NCREIF NFI-ODCE Index	N/A
4.4	UBS TPGI	NCREIF NFI-ODCE Index	5.6
0.6	Victory	Bloomberg Aggregate Index	0.8
0.0	Robinson	Intermediate Gov/Credit	0.3

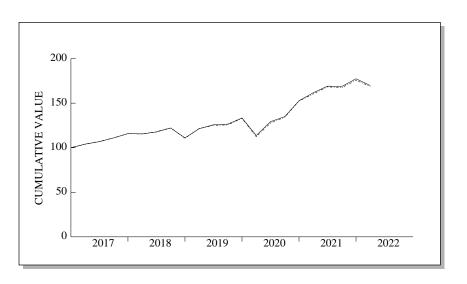
# Pontiac General Employees Retirement System Investment Return Summary as of March 31, 2022

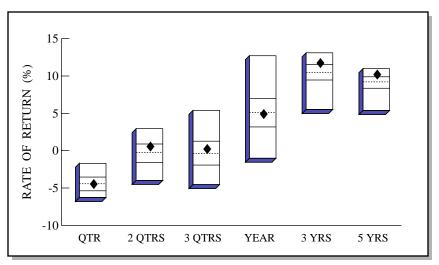
Portfolio	Quarter Return	Prior Quarter Market Value	Net Cash Flow	Investment Return	Current Quarter Market Value
Total Portfolio	-4.3	\$599,527,464	(\$81,710,736)	(\$25,921,556)	\$491,895,172
Attucks All Cap	-5.1	\$90,934,746	(\$19,853,941)	(\$4,850,981)	\$66,229,824
Sawgrass	-5.7	\$47,401,618	(\$10,649,075)	(\$2,777,258)	\$33,975,285
NT Russell 1000 Value	-0.8	\$8,044,356	\$7,500,000	\$276,138	\$15,820,494
Xponance Midcap Index	-4.9	\$95,527,852	(\$6,000,100)	(\$4,897,817)	\$84,629,935
Kennedy	-7.3	\$23,612,267	(\$133)	(\$1,734,332)	\$21,877,802
NT Russell 2000 Growth	-12.5	\$15,576,777	\$3,000,000	(\$1,884,444)	\$16,692,333
Loomis	-6.3	\$25,053,047	(\$129)	(\$1,585,505)	\$23,467,413
First Eagle	-0.6	\$17,445,906	(\$3,537,739)	(\$163,659)	\$13,744,508
WCM	-15.9	\$21,019,657	(\$3,546,532)	(\$3,217,021)	\$14,256,104
Northern Trust EM Index	-7.5	\$7,282,558	\$0	(\$545,991)	\$6,736,567
Wellington Emerging Mkts	-11.3	\$15,693,366	(\$3,599,073)	(\$1,426,292)	\$10,668,001
GrayCo	0.0	\$4,460,898	\$0	\$0	\$4,460,898
Mesirow IV	0.0	\$1,433,125	(\$80,000)	\$0	\$1,353,125
Mesirow VI	0.0	\$4,652,545	(\$219,000)	\$0	\$4,433,545
American Realty	7.7	\$4,744,944	(\$69,412)	\$365,550	\$5,041,082
Intercontinental	5.7	\$6,519,914	(\$45,514)	\$373,547	\$6,847,947
Invesco Core RE	6.6	\$18,911,840	(\$7,303,677)	\$766,440	\$12,374,603
Principal	7.5	\$16,221,302	(\$6,297,211)	\$723,024	\$10,647,115
TerraCap IV	0.0	\$3,750,185	\$0	\$0	\$3,750,185
TerraCap V	0.0	\$5,492,989	\$0	\$0	\$5,492,989
UBS TPGI	11.8	\$6,030,378	(\$58,293)	\$701,880	\$6,673,965
Victory	-5.3	\$70,449,649	(\$18,081,188)	(\$3,107,323)	\$49,261,138
Robinson	-4.5	\$65,923,410	(\$238)	(\$2,942,836)	\$62,980,336
Cash		\$23,344,135	(\$12,869,481)	\$5,324	\$10,479,978

## Pontiac General Employees Retirement System Investment Return Summary with Lagged Private Equity as of March 31, 2022

Portfolio	Quarter Return	Prior Quarter Market Value	Net Cash Flow	Investment Return	Current Quarter Market Value
Total Portfolio	-4.3	\$600,602,728	(\$82,487,000)	(\$25,921,556)	\$492,194,172
Attucks All Cap	-5.1	\$90,934,746	(\$19,853,941)	(\$4,850,981)	\$66,229,824
Sawgrass	-5.7	\$47,401,618	(\$10,649,075)	(\$2,777,258)	\$33,975,285
NT Russell 1000 Value	-0.8	\$8,044,356	\$7,500,000	\$276,138	\$15,820,494
Xponance Midcap Index	-4.9	\$95,527,852	(\$6,000,100)	(\$4,897,817)	\$84,629,935
Kennedy	-7.3	\$23,612,267	(\$133)	(\$1,734,332)	\$21,877,802
NT Russell 2000 Growth	-12.5	\$15,576,777	\$3,000,000	(\$1,884,444)	\$16,692,333
Loomis	-6.3	\$25,053,047	(\$129)	(\$1,585,505)	\$23,467,413
First Eagle	-0.6	\$17,445,906	(\$3,537,739)	(\$163,659)	\$13,744,508
WCM	-15.9	\$21,019,657	(\$3,546,532)	(\$3,217,021)	\$14,256,104
Northern Trust EM Index	-7.5	\$7,282,558	\$0	(\$545,991)	\$6,736,567
Wellington Emerging Mkts	-11.3	\$15,693,366	(\$3,599,073)	(\$1,426,292)	\$10,668,001
GrayCo (Lag)	0.0	\$4,690,783	(\$229,885)	\$0	\$4,460,898
Mesirow IV (Lag)	0.0	\$1,798,504	(\$365,379)	\$0	\$1,433,125
Mesirow VI (Lag)	0.0	\$5,132,545	(\$480,000)	\$0	\$4,652,545
American Realty	7.7	\$4,744,944	(\$69,412)	\$365,550	\$5,041,082
Intercontinental	5.7	\$6,519,914	(\$45,514)	\$373,547	\$6,847,947
Invesco Core RE	6.6	\$18,911,840	(\$7,303,677)	\$766,440	\$12,374,603
Principal	7.5	\$16,221,302	(\$6,297,211)	\$723,024	\$10,647,115
TerraCap IV	0.0	\$3,750,185	\$0	\$0	\$3,750,185
TerraCap V	0.0	\$5,492,989	\$0	\$0	\$5,492,989
UBS TPGI	11.8	\$6,030,378	(\$58,293)	\$701,880	\$6,673,965
Victory	-5.3	\$70,449,649	(\$18,081,188)	(\$3,107,323)	\$49,261,138
Robinson	-4.5	\$65,923,410	(\$238)	(\$2,942,836)	\$62,980,336
Cash		\$23,344,135	(\$12,869,481)	\$5,324	\$10,479,978

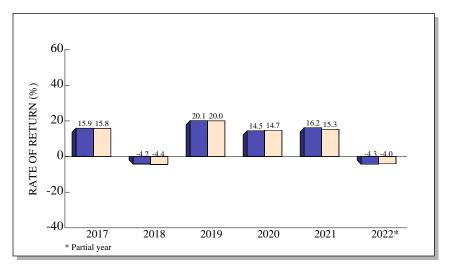
### TOTAL RETURN COMPARISONS





Public Fund Universe

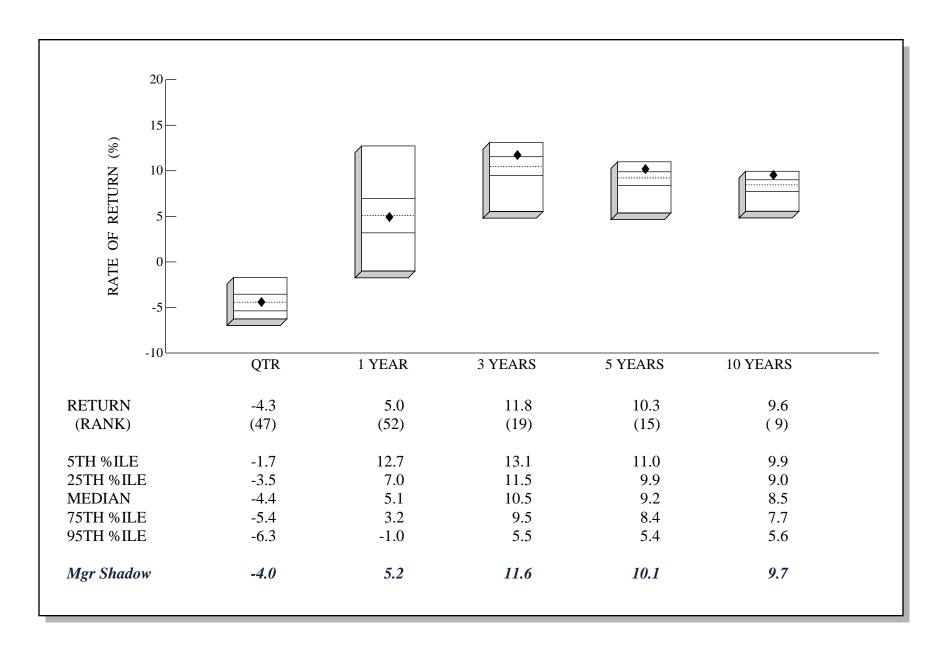




					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	-4.3	0.6	0.4	5.0	11.8	10.3
(RANK)	(47)	(30)	(40)	(52)	(19)	(15)
5TH %ILE	-1.7	3.0	5.4	12.7	13.1	11.0
25TH %ILE	-3.5	0.9	1.3	7.0	11.5	9.9
MEDIAN	-4.4	-0.3	-0.4	5.1	10.5	9.2
75TH %ILE	-5.4	-1.6	-1.9	3.2	9.5	8.4
95TH %ILE	-6.3	-4.0	-4.6	-1.0	5.5	5.4
Mgr Shadow	-4.0	0.8	0.2	5.2	11.6	10.1

Public Fund Universe

### TOTAL PORTFOLIO UNIVERSE RANKINGS - PUBLIC FUND UNIVERSE



### TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

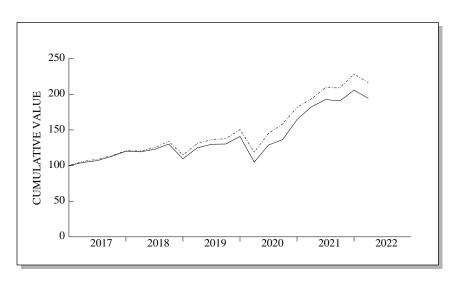
### COMPARATIVE BENCHMARK: PONTIAC MANAGER SHADOW INDEX

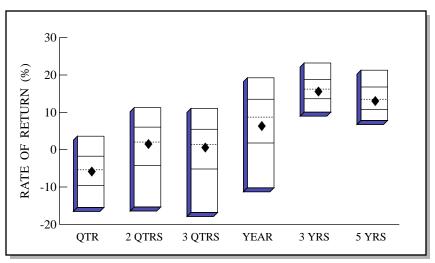


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	23
<b>Quarters Below the Benchmark</b>	17
Batting Average	.575

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
6/12	-2.6	-2.9	0.3		
9/12	4.6	4.9	-0.3		
12/12	1.9	1.8	0.1		
3/13	7.9	7.8	0.1		
6/13	1.0	1.0	0.0		
9/13	5.7	5.8	-0.1		
12/13	6.7	6.7	0.0		
3/14	2.0	2.0	0.0		
6/14	3.5	4.0	-0.5		
9/14	-1.6	-1.6	0.0		
12/14	3.0	3.5	-0.5		
3/15	3.2	2.5	0.7		
6/15	-0.1	-0.3	0.2		
9/15	-6.4	-6.5	0.1		
12/15	3.4	3.3	0.1		
3/16	1.3	1.3	0.0		
6/16	2.0	2.4	-0.4		
9/16	3.2	4.2	-1.0		
12/16	1.4	1.9	-0.5		
3/17	4.0	4.2	-0.2		
6/17	2.7	2.8	-0.1		
9/17	3.9	3.7	0.2		
12/17	4.4	4.2	0.2		
3/18	-0.3	-0.4	0.1		
6/18	1.9	2.3	-0.4		
9/18	3.8	3.7	0.1		
12/18	-9.1	-9.5	0.4		
3/19	9.3	9.7	-0.4		
6/19	3.6	3.0	0.6		
9/19	0.6	0.4	0.2		
12/19	5.5	5.8	-0.3		
3/20	-14.8	-15.5	0.7		
6/20	13.6	13.7	-0.1		
9/20	4.4	5.1	-0.7		
12/20	13.2	13.6	-0.4		
3/21	5.9	5.2	0.7		
6/21	4.6	5.0	-0.4		
9/21	-0.3	-0.6	0.3		
12/21	5.2	5.0	0.2		
3/22	-4.3	-4.0	-0.3		

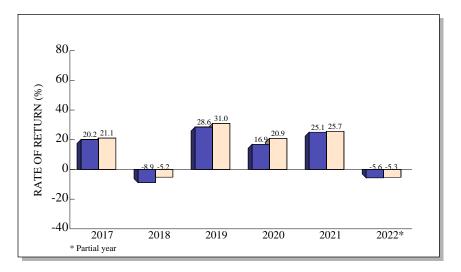
### DOMESTIC EQUITY RETURN COMPARISONS





Domestic Equity Universe





					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	-5.6	1.8	0.8	6.5	15.9	13.2
(RANK)	(52)	(52)	(53)	(60)	(54)	(52)
5TH %ILE	3.6	11.3	11.0	19.3	23.2	21.3
25TH %ILE	-1.8	6.0	5.5	13.5	18.8	16.8
MEDIAN	-5.4	2.0	1.4	8.7	16.2	13.5
75TH %ILE	-9.7	-4.3	-5.2	1.8	13.7	10.8
95TH %ILE	-15.5	-15.4	-16.8	-10.2	10.0	7.8
Russ 3000	-5.3	3.5	3.4	11.9	18.2	15.4

Domestic Equity Universe

### **DOMESTIC EQUITY QUARTERLY PERFORMANCE SUMMARY - 10 YEARS**

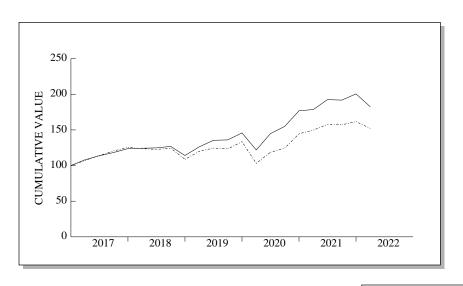
**COMPARATIVE BENCHMARK: RUSSELL 3000** 

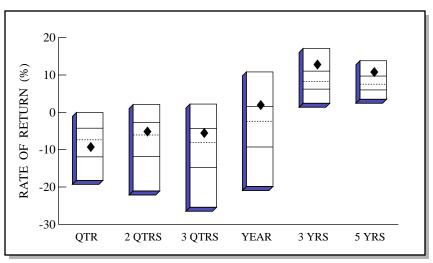


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	12
<b>Quarters Below the Benchmark</b>	28
Batting Average	.300

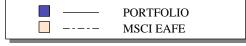
RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
6/12	-4.0	-3.1	-0.9		
9/12	5.7	6.2	-0.5		
12/12	1.4	0.3	1.1		
3/13	12.2	11.1	1.1		
6/13	1.9	2.7	-0.8		
9/13	7.6	6.4	1.2		
12/13	9.4	10.1	-0.7		
3/14	1.8	2.0	-0.2		
6/14	4.1	4.9	-0.8		
9/14	-1.7	0.0	-1.7		
12/14	5.5	5.2	0.3		
3/15	3.8	1.8	2.0		
6/15	-0.1	0.1	-0.2		
9/15	-9.0	-7.2	-1.8		
12/15	5.0	6.3	-1.3		
3/16	0.8	1.0	-0.2		
6/16	1.9	2.6	-0.7		
9/16	4.1	4.4	-0.3		
12/16	5.5	4.2	1.3		
3/17	4.3	5.7	-1.4		
6/17	2.6	3.0	-0.4		
9/17	5.5	4.6	0.9		
12/17	6.5	6.3	0.2		
3/18	-0.8	-0.6	-0.2		
6/18	2.9	3.9	-1.0		
9/18	6.0	7.1	-1.1		
12/18	-15.8	-14.3	-1.5		
3/19	14.1	14.0	0.1		
6/19	4.0	4.1	-0.1		
9/19	0.3	1.2	-0.9		
12/19	8.1	9.1	-1.0		
3/20	-25.5	-20.9	-4.6		
6/20	22.9	22.0	0.9		
9/20	6.0	9.2	-3.2		
12/20	20.5	14.7	5.8		
3/21	10.8	6.3	4.5		
6/21	5.6	8.2	-2.6		
9/21	-0.9	-0.1	-0.8		
12/21	7.9	9.3	-1.4		
3/22	-5.6	-5.3	-0.3		

### INTERNATIONAL EQUITY RETURN COMPARISONS

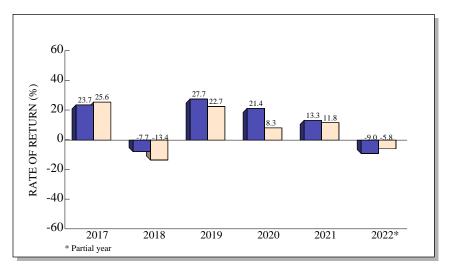




International Equity Universe



25

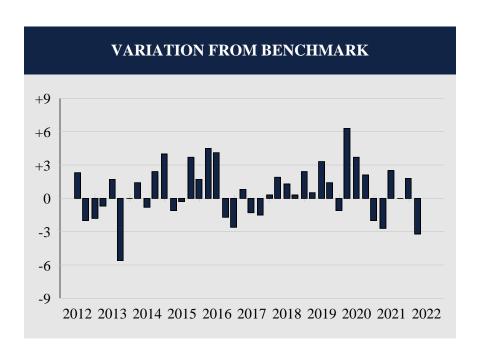


					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-9.0	-4.9	-5.3	2.2	13.1	11.0
(RANK)	(61)	(40)	(31)	(23)	(15)	(15)
5TH %ILE	0.0	2.1	2.2	10.8	17.1	13.8
25TH %ILE	-4.3	-2.7	-4.3	1.6	11.1	9.7
MEDIAN	-7.4	-6.1	-8.1	-2.4	8.3	7.5
75TH %ILE	-11.9	-11.8	-14.8	-9.3	6.2	6.0
95TH %ILE	-18.2	-21.1	-25.4	-19.9	2.4	3.5
MSCI EAFE	-5.8	-3.2	-3.5	1.6	8.3	7.2

International Equity Universe

### INTERNATIONAL EQUITY QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

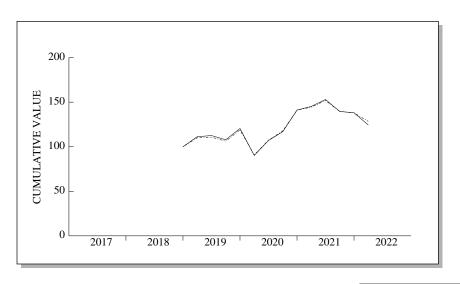
COMPARATIVE BENCHMARK: MSCI EAFE

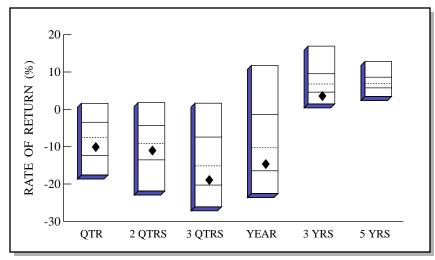


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	25
<b>Quarters Below the Benchmark</b>	15
<b>Batting Average</b>	.625

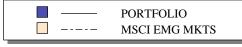
RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
6/12	-4.6	-6.9	2.3		
9/12	5.0	7.0	-2.0		
12/12	4.8	6.6	-1.8		
3/13	4.5	5.2	-0.7		
6/13	1.0	-0.7	1.7		
9/13	6.0	11.6	-5.6		
12/13	5.7	5.7	0.0		
3/14	2.2	0.8	1.4		
6/14	3.5	4.3	-0.8		
9/14	-3.4	-5.8	2.4		
12/14	0.5	-3.5	4.0		
3/15	3.9	5.0	-1.1		
6/15	0.5	0.8	-0.3		
9/15	-6.5	-10.2	3.7		
12/15	6.4	4.7	1.7		
3/16	1.6	-2.9	4.5		
6/16	2.9	-1.2	4.1		
9/16	4.8	6.5	-1.7		
12/16	-3.3	-0.7	-2.6		
3/17 6/17 9/17	8.2 5.1 4.0 4.6	7.4 6.4 5.5	-2.0 0.8 -1.3 -1.5 0.3		
12/17 3/18 6/18 9/18	0.5 0.3 1.7	4.3 -1.4 -1.0 1.4	1.9 1.3 0.3		
12/18	-10.1	-12.5	2.4		
3/19	10.6	10.1	0.5		
6/19	7.3	4.0	3.3		
9/19	0.4	-1.0	1.4		
12/19	7.1	8.2	-1.1		
3/20	-16.4	-22.7	6.3		
6/20	18.8	15.1	3.7		
9/20	7.0	4.9	2.1		
12/20	14.1	16.1	-2.0		
3/21	0.9	3.6	-2.7		
6/21	7.9	5.4	2.5		
9/21	-0.4	-0.4	0.0		
12/21	4.5	2.7	1.8		
3/22	4.5 -9.0	-5.8	-3.2		

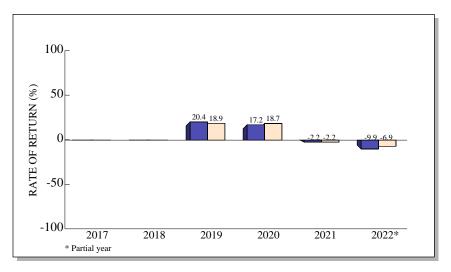
### EMERGING MARKETS EQUITY RETURN COMPARISONS





**Emerging Markets Universe** 





					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-9.9	-10.8	-18.7	-14.4	3.8	
(RANK)	(62)	(59)	(70)	(68)	(85)	
5TH %ILE	1.6	1.8	1.6	11.8	16.9	12.8
25TH %ILE	-3.5	-4.3	-7.4	-1.4	9.5	8.6
MEDIAN	-7.5	-9.1	-15.2	-10.3	6.8	6.9
75TH %ILE	-12.4	-13.5	-20.3	-16.5	4.6	5.7
95TH %ILE	-17.6	-21.9	-26.1	-22.6	1.5	3.4
MSCI EM	-6.9	-8.1	-15.4	-11.1	5.3	6.4

**Emerging Markets Universe** 

# EMERGING MARKETS EQUITY QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS



<b>Total Quarters Observed</b>	13
Quarters At or Above the Benchmark	7
<b>Quarters Below the Benchmark</b>	6
Batting Average	.538

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
3/19	11.3	10.0	1.3		
6/19	1.2	0.7	0.5		
9/19	-4.2	-4.1	-0.1		
12/19	11.7	11.9	-0.2		
3/20	-25.1	-23.6	-1.5		
6/20	18.6	18.2	0.4		
9/20	9.3	9.7	-0.4		
12/20	20.7	19.8	0.9		
3/21	2.9	2.3	0.6		
6/21	5.3	5.1	0.2		
9/21	-8.8	-8.0	-0.8		
12/21	-1.0	-1.2	0.2		
3/22	-9.9	-6.9	-3.0		
1					

# PRIVATE EQUITY QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

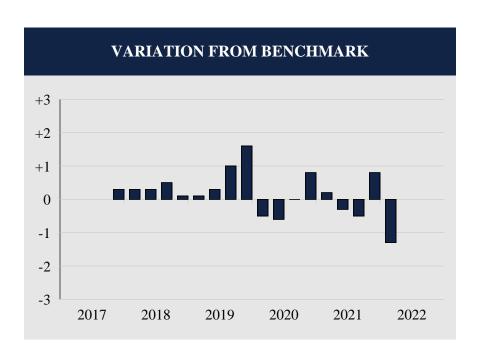
### COMPARATIVE BENCHMARK: CAMBRIDGE US PRIVATE EQUITY



Total Quarters Observed	40
Quarters At or Above the Benchmark	11
<b>Quarters Below the Benchmark</b>	29
Batting Average	.275

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
6/12	-1.5	-0.1	-1.4		
9/12	2.7	3.7	-1.0		
12/12	4.4	3.8	0.6		
3/13	2.4	4.6	-2.2		
6/13	2.9	3.1	-0.2		
9/13	4.4	5.2	-0.8		
12/13	12.5	7.0	5.5		
3/14	3.5	3.1	0.4		
6/14	5.0	5.5	-0.5		
9/14	1.5	1.5	0.0		
12/14	5.4	0.9	4.5		
3/15	3.6	2.6	1.0		
6/15	2.0	3.9	-1.9		
9/15	-1.1	-1.4	0.3		
12/15	0.5	0.6	-0.1		
3/16	-0.9	0.0	-0.9		
6/16	2.7	4.1	-1.4		
9/16	1.5	4.0	-2.5		
12/16	-5.6	4.7	-10.3		
3/17	0.2	4.0	-3.8		
6/17	2.6	3.7	-1.1		
9/17	3.4	4.0	-0.6		
12/17	2.1	5.2	-3.1		
3/18	1.1	2.8	-1.7		
6/18	4.1	5.3	-1.2		
9/18	3.1	3.8	-0.7		
12/18 3/19 6/19	5.1 5.3 3.6 5.5	-2.0 4.8 3.4	-0.7 7.3 -1.2 2.1		
9/19	-1.4	1.3	-2.7		
12/19	1.1	3.8	-2.7		
3/20	-5.4	-10.1	4.7		
6/20	4.0	9.4	-5.4		
9/20	7.9	11.8	-3.9		
12/20	9.3	12.2	-2.9		
3/21	9.4	10.0	-0.6		
6/21	10.1	14.8	-4.7		
9/21	5.4	6.0	-0.6		
12/21	0.0	5.3	-5.3		
3/22	0.0	0.0	0.0		
31 22	0.0	0.0	0.0		

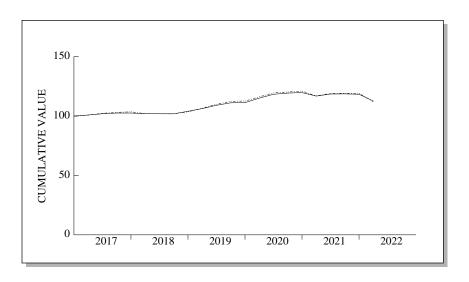
# REAL ESTATE QUARTERLY PERFORMANCE SUMMARY COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX

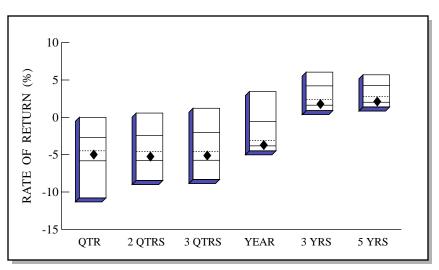


<b>Total Quarters Observed</b>	18
Quarters At or Above the Benchmark	13
<b>Quarters Below the Benchmark</b>	5
Batting Average	.722

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	2.4	2.1	0.3			
3/18	2.5	2.2	0.3			
6/18	2.3	2.0	0.3			
9/18	2.6	2.1	0.5			
12/18	1.9	1.8	0.1			
3/19	1.5	1.4	0.1			
6/19	1.3	1.0	0.3			
9/19	2.3	1.3	1.0			
12/19	3.1	1.5	1.6			
3/20	0.5	1.0	-0.5			
6/20	-2.2	-1.6	-0.6			
9/20	0.5	0.5	0.0			
12/20	2.1	1.3	0.8			
3/21	2.3	2.1	0.2			
6/21	3.6	3.9	-0.3			
9/21	6.1	6.6	-0.5			
12/21	8.8	8.0	0.8			
3/22	6.1	7.4	-1.3			

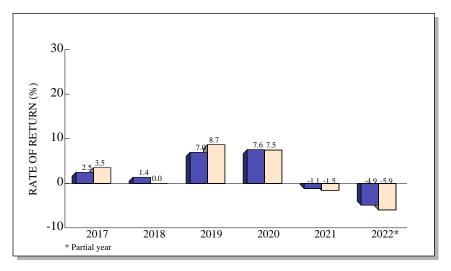
### DOMESTIC FIXED INCOME RETURN COMPARISONS





Broad Market Fixed Universe





ANNUALIZED					LIZED	
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-4.9	-5.1	-5.0	-3.6	1.9	2.2
(RANK)	(58)	(63)	(60)	(66)	(64)	(68)
5TH %ILE	0.0	0.6	1.2	3.4	6.1	5.7
25TH %ILE	-2.7	-2.4	-2.0	-0.5	4.2	4.3
MEDIAN	-4.5	-4.6	-4.6	-3.1	2.4	2.8
75TH %ILE	-5.8	-5.8	-5.8	-3.8	1.6	2.0
95TH %ILE	-10.8	-8.5	-8.3	-4.5	0.9	1.4
Agg	-5.9	-5.9	-5.9	-4.2	1.7	2.1

Broad Market Fixed Universe

### DOMESTIC FIXED INCOME QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

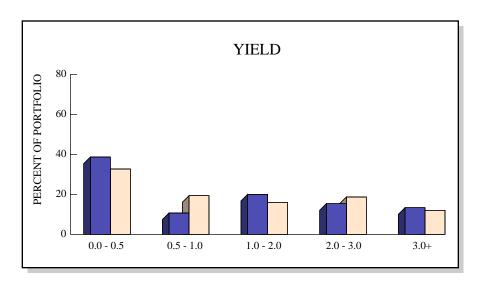
### COMPARATIVE BENCHMARK: BLOOMBERG AGGREGATE INDEX

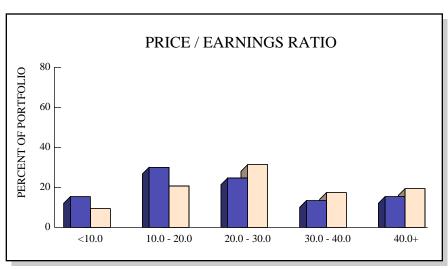


Total Quarters Observed	40
Quarters At or Above the Benchmark	19
Quarters Below the Benchmark	21
Batting Average	.475

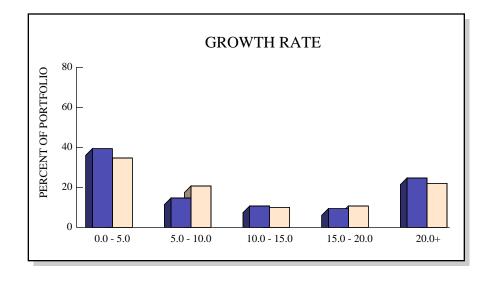
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/12 9/12 12/12 3/13 6/13 9/13 12/13 3/14 6/14 9/14 12/14 3/15 6/15	1.9 2.6 1.0 1.2 -1.4 1.3 0.8 2.3 1.7 -0.4 -1.5	2.1 1.6 0.2 -0.1 -2.3 0.6 -0.1 1.8 2.0 0.2 1.8 1.6	-0.2 1.0 0.8 1.3 0.9 0.7 0.9 0.5 -0.3 -0.6 -3.3 -0.1			
9/15 12/15 3/16 6/16 9/16 12/16 3/17 6/17 9/17 12/17	-0.6 -1.9 2.0 2.2 0.4 -2.4 0.9 1.1 0.6 0.0	1.2 -0.6 3.0 2.2 0.5 -3.0 0.8 1.4 0.8 0.4	-1.8 -1.3 -1.0 0.0 -0.1 0.6 0.1 -0.3 -0.2			
3/18 6/18 9/18 12/18 3/19 6/19 9/19 12/19 3/20 6/20 9/20 12/20	-0.6 0.0 -0.1 2.1 2.2 2.6 1.9 0.1 3.5 2.8 0.9 0.3	-1.5 -0.2 0.0 1.6 2.9 3.1 2.3 0.2 3.1 2.9 0.6	0.9 0.2 -0.1 0.5 -0.7 -0.5 -0.4 -0.1 0.4 -0.1 0.3 -0.4			
3/21 6/21 9/21 12/21 3/22	-2.4 1.5 0.1 -0.3 -4.9	-3.4 1.8 0.1 0.0 -5.9	1.0 -0.3 0.0 -0.3 1.0			

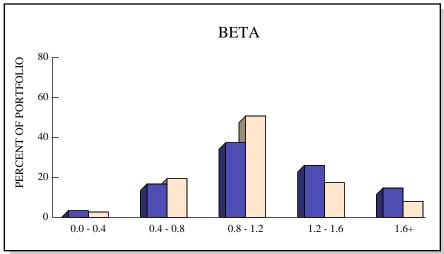
### STOCK CHARACTERISTICS



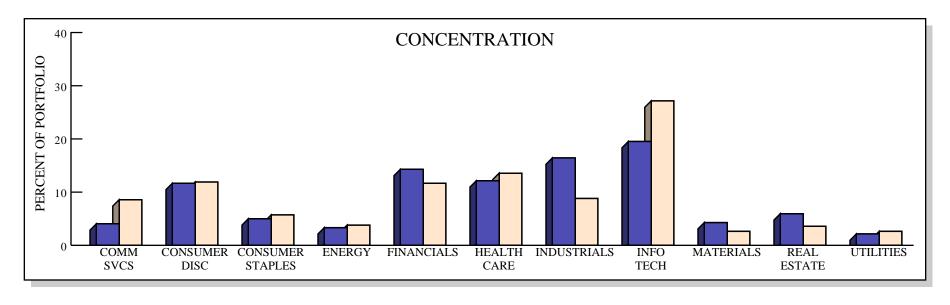


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	798	1.4%	11.2%	25.7	1.17	
RUSSELL 3000	3,041	1.3%	11.6%	29.1	1.07	

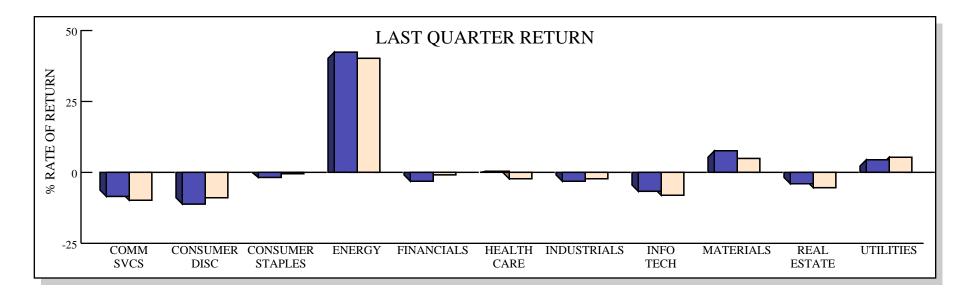




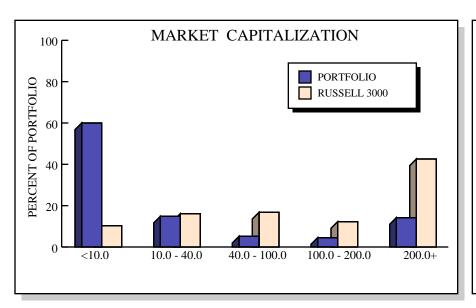
### STOCK INDUSTRY ANALYSIS

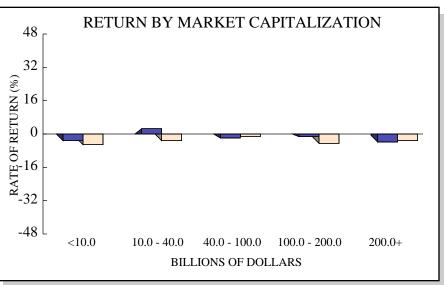






### **TOP TEN HOLDINGS**



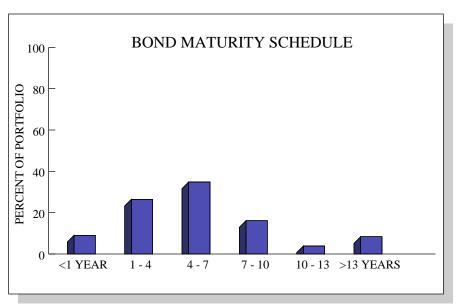


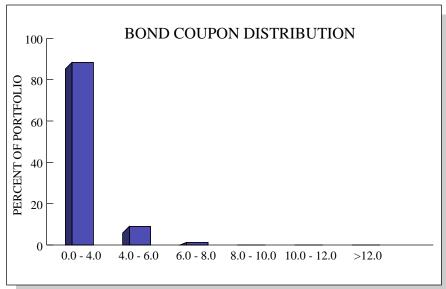
# TOP TEN EQUITY HOLDINGS

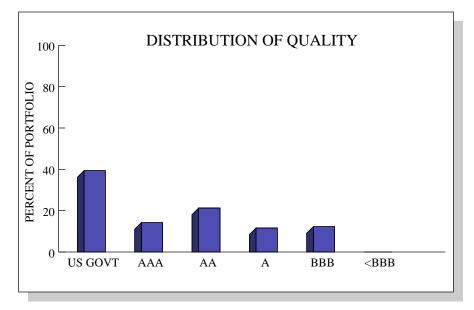
RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	APPLE INC	\$ 4,683,389	1.78%	-1.5%	Information Technology	\$ 2849.5 B
2	MICROSOFT CORP	3,419,158	1.30%	-8.1%	Information Technology	2311.4 B
3	AMAZON.COM INC	2,500,382	.95%	-2.2%	Consumer Discretionary	1658.8 B
4	ALPHABET INC	1,908,006	.73%	-4.0%	Communication Services	960.5 B
5	COSTCO WHOLESALE CORP	1,482,814	.56%	1.6%	Consumer Staples	255.2 B
6	ABBVIE INC	1,439,213	.55%	21.0%	Health Care	286.3 B
7	AMGEN INC	1,414,405	.54%	8.4%	Health Care	134.7 B
8	AUTOZONE INC	1,259,461	.48%	-2.5%	Consumer Discretionary	40.6 B
9	BROADCOM INC	1,193,244	.45%	-4.7%	Information Technology	257.1 B
10	UNITEDHEALTH GROUP INC	1,128,564	.43%	1.9%	Health Care	479.8 B

35

### **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	363	12,538
Duration	5.07	6.58
YTM	2.86	2.92
Average Coupon	2.21	2.44
Avg Maturity / WAL	6.49	8.77
Average Quality	AAA-AA	AA

# Pontiac General Employees Retirement System Manager Fee Schedules

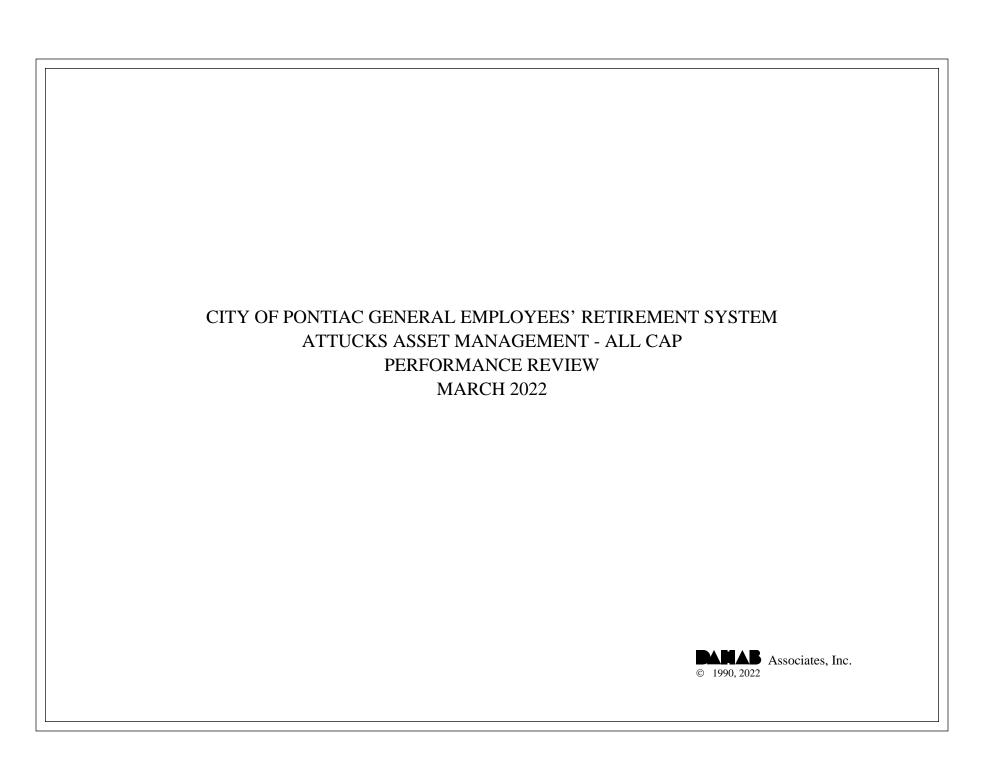
Manager	Annual Fee Schedule
American Realty Strategic Value	1.25% on first \$10 million, 1.2% on next \$15 million, 1.1% on next \$25 million.  Preferred return: 10%; Carried interest: 20%
Attucks All Cap	0.55% on all assets
First Eagle	0.75% on all assets
GrayCo I	1% on invested capital
Intercontinental U.S. REIF	1.1% on first \$25 million; 1% on next \$25 million; 0.85% on next \$50 million.  Preferred return: 8%; Carried interest: 20%
Invesco Core RE	Management fee: 1.1%  Cash management: 0.15% on cash in excess of 7.5% of aggregate NAV
Kennedy SCC	90 basis points on all assets
Loomis	0.8% on first \$10 million; 0.6% on remainder
Mesirow IV & VI	1% on committed capital for years one through seven; reduced by 10% per year thereafter
Northern Trust EM	0.1% on all assets
Northern Trust Russell 1000 Value	0.04% on all assets
Northern Trust Russell 2000 Growth	0.06% on all assets
Xponance Passive Mid Cap	0.04% on first \$50 million, 0.03% on next \$50 million, 0.02% on balance
Principal	1% on all assets
Robinson	0.22% on all assets
Sawgrass	0.55% on first \$20 million; 0.5% on remainder
TerraCap Partners IV & V	1.5% on committed capital; Preferred return: 8%; Carried interest: 20%
UBS TPGI	0.97% on first \$10 million, 0.845% on next \$15 million, 0.815% on next \$75 million
Victory Fixed Income	0.25% on first \$25 million; 0.20% on next \$25 million; 0.15% on next \$50 million; 0.10% on balance
WCM	0.75% on all assets
Wellington	0.5% on all assets

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

Faaramia Data	C4lo	OTD	VTD	1 Waa	2 Vac-	E Wasser	10 V
Economic Data	Style	QTR	YTD	1 Year	3 Years		10 Years
Consumer Price Index	Economic Data	3.1	3.1	8.5	4.2	3.4	2.3
Domestic Equity	Style	Style QTR		1 Year	3 Years	5 Years	10 Years
Russell 3000	Broad Equity	-5.3	-5.3	11.9	18.2	15.4	14.3
S&P 500	Large Cap Core	-4.6	-4.6	15.6	18.9	16.0	14.6
Russell 1000	Large Cap	-5.1	-5.1	13.3	18.7	15.8	14.5
Russell 1000 Growth	Large Cap Growth	-9.0	-9.0	15.0	23.6	20.9	17.0
Russell 1000 Value	Large Cap Value	-0.7	-0.7	11.7	13.0	10.3	11.7
Russell Mid Cap	Midcap	-5.7	-5.7	6.9	14.9	12.6	12.8
Russell Mid Cap Growth	Midcap Growth	-12.6	-12.6	-0.9	14.8	15.1	13.5
Russell Mid Cap Value	Midcap Value	-1.8	-1.8	11.5	13.7	10.0	12.0
Russell 2000	Small Cap	-7.5	-7.5	-5.8	11.7	9.7	11.0
Russell 2000 Growth	Small Cap Growth	-12.6	-12.6	-14.3	9.9	10.3	11.2
Russell 2000 Value	Small Cap Value	-2.4	-2.4	3.3	12.7	8.6	10.5
International Equity	Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
MSCI All Country World ex US	Foreign Equity	-5.3	-5.3	-1.0	8.0	7.3	6.0
MSCI EAFE	Developed Markets Equ	ity -5.8	-5.8	1.6	8.3	7.2	6.8
MSCI EAFE Growth	Developed Markets Gro		-11.9	-1.2	10.1	9.3	7.9
MSCI EAFE Value	Developed Markets Valu	ie 0.5	0.5	4.2	5.9	4.8	5.5
MSCI Emerging Markets	Emerging Markets Equit	y -6.9	-6.9	-11.1	5.3	6.4	3.7
Domestic Fixed Income	Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Bloomberg Aggregate Index	Core Fixed Income	-5.9	-5.9	-4.2	1.7	2.1	2.2
Bloomberg Capital Gov't Bond	Treasuries	-5.5	-5.5	-1.7	2.1	2.2	1.9
Bloomberg Capital Credit Bond	Corporate Bonds	-7.4	-7.4	-0.8	4.0	3.9	3.8
Intermediate Aggregate	Core Intermediate	-4.7	-4.7	-4.4	1.2	1.7	1.8
ML/BoA 1-3 Year Treasury	Short Term Treasuries	-2.5	-2.5	-3.0	0.8	1.0	0.8
Bloomberg Capital High Yield	High Yield Bonds	-4.8	-4.8	-0.7	4.6	4.7	5.8
Alternative Assets	Style	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Bloomberg Global Treasury Ex US	International Treasuries	-6.9	-6.9	-9.1	-0.9	0.8	-0.3
NCREIF NFI-ODCE Index	Real Estate	-6.9 7.4	-6.9 7.4	-9.1 28.4	-0.9 11.3	9.9	-0.3 10.9
		-2.8	-2.8	28.4	5.8	9.9 4.6	3.9
HFRI FOF Composite	Hedge Funds	-2.8	-2.8	1.1	5.8	4.0	3.9

#### **APPENDIX - DISCLOSURES**

- \* The Manager Shadow Index is a customized index that matches the manager allocations on a monthly basis and utilizes the return for each manager's benchmark.
- \* 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 blended assumption rate is 7.5% through December 31, 2015 and 7.0% thereafter.



#### **INVESTMENT RETURN**

The Attucks All Cap portfolio is presented here with extended history that includes the previous Attucks Michigan and Emerging Manager portfolios.

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Attucks Asset Management All Cap portfolio was valued at \$66,229,824, a decrease of \$24,704,922 from the December ending value of \$90,934,746. Last quarter, the account recorded total net withdrawals of \$19,853,941 in addition to \$4,850,981 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$264,507 and realized and unrealized capital losses totaling \$5,115,488.

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the first quarter, the Attucks Asset Management All Cap portfolio lost 5.1%, which was 0.2% greater than the Russell 3000 Index's return of -5.3% and ranked in the 49th percentile of the All Cap Equity universe. Over the trailing year, the portfolio returned 10.0%, which was 1.9% less than the benchmark's 11.9% performance, and ranked in the 41st percentile. Since June 2011, the account returned 13.5% per annum. For comparison, the Russell 3000 returned an annualized 14.0% over the same time frame.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/11		
Total Portfolio - Gross	-5.1	10.0	19.0	15.7	13.9	13.5		
ALL CAP EQUITY RANK	(49)	(41)	(24)	(37)	(43)			
LARGE CAP RANK	(55)	(75)	(34)	(45)	(56)	(1)		
Total Portfolio - Net	-5.2	9.5	18.5	15.1	13.3	12.8		
Russell 3000	-5.3	11.9	18.2	15.4	14.3	14.0		
<b>Domestic Equity - Gross</b>	-5.1	10.0	19.0	15.7	13.9	13.5		
ALL CAP EQUITY RANK	(49)	(41)	(24)	(37)	(43)			
Russell 3000	-5.3	11.9	18.2	15.4	14.3	14.0		
S&P 500	-4.6	15.6	18.9	16.0	14.6	14.4		
Russell 1000V	-0.7	11.7	13.0	10.3	11.7	11.4		

ASSET ALLOCATION							
Domestic Equity	100.0%	\$ 66,229,824					
Total Portfolio	100.0%	\$ 66,229,824					

### INVESTMENT RETURN

 Market Value 12/2021
 \$ 90,934,746

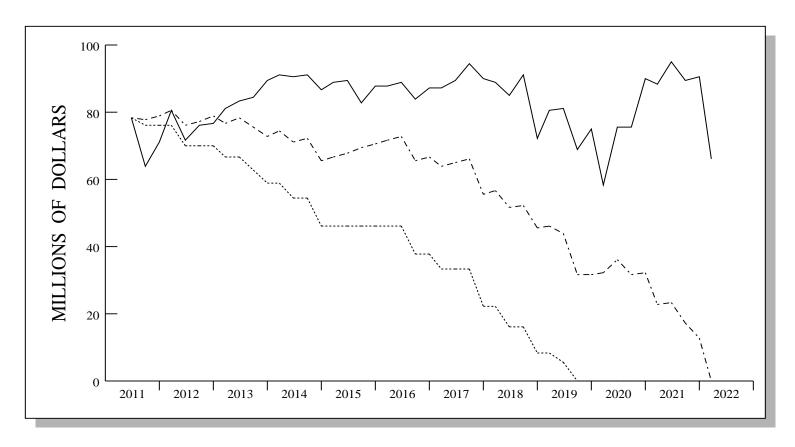
 Contribs / Withdrawals
 -19,853,941

 Income
 264,507

 Capital Gains / Losses
 -5,115,488

 Market Value 3/2022
 \$ 66,229,824

### **INVESTMENT GROWTH**



----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

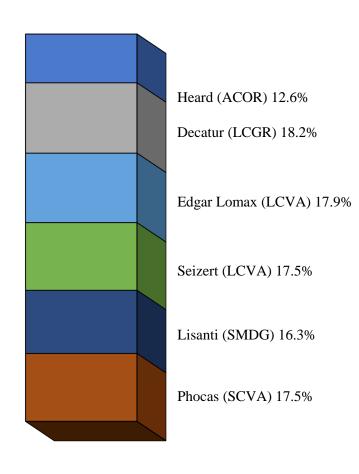
VALUE ASSUMING
BLENDED RATE \$ -6,811,436

	LAST QUARTER	PERIOD 6/11 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 90,934,746 - 19,853,941 - 4,850,981 \$ 66,229,824	\$ 78,727,200 -129,119,758 <u>116,622,382</u> \$ 66,229,824
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 264,507 \\ -5,115,488 \\ \hline -4,850,981 \end{array} $	17,136,994 99,485,389 116,622,382

# Pontiac General Employees Retirement System Attucks Performance Summary as of March 31, 2022

Portfolio	Universe	Qua	rter	1 Y	ear	3 Ye	ears	5 Y	ears	10 Y	ears	Incer	otion	Date
Attucks Asset Management (	All Cap Equity)	-5.1	(49)	10.0	(41)	19.0	(24)	15.7	(37)	13.9	(43)	13.5		06/11
Net of mgr fees & gross of Attucks fees	S	-5.2		9.7		18.7		15.4		13.6		13.2		
<b>Attucks Asset Management net of fees</b>		-5.2		9.5		18.5		15.1		13.3		12.8		
Russell 3000		-5.3		11.9		18.2		15.4		14.3		<i>14.0</i>		
Heard Capital	(All Cap Core)	-7.4	(80)	4.9	(98)							25.7	(32)	06/20
Heard Capital net of fees		-7.5		4.6								25.4		
Russell 3000		-5.3		11.9		18.2		<i>15.4</i>		14.3		25.6		
Decatur	(LC Growth)	-8.2	(31)	17.3	(9)							22.6	(28)	06/20
Decatur net of fees		-8.3		16.9								22.3		
Russell 1000 Growth		-9.0		<i>15.0</i>		23.6		20.9		<i>17.0</i>		24.3		
The Edgar Lomax Company	(LC Value)	1.5	(25)	15.1	(27)	11.4	(94)					11.5	(56)	06/18
The Edgar Lomax Company net of fees		1.4		14.8		11.1						11.1		
Russell 1000 Value		-0.7		11.7		<i>13.0</i>		10.3		11.7		11.6		
Seizert Capital Partners	(LC Value)	-0.3	(47)	16.4	(16)	22.0	(4)	15.7	(11)	15.1	(4)	14.3		06/11
Seizert Capital Partners net of fees		-0.4		16.1		21.6		15.4		14.8		14.0		
Russell 1000 Value		-0.7		11.7		<i>13.0</i>		10.3		11.7		11.4		
Lisanti Capital Growth	(Smid Cap)	-13.9	(93)	-3.0	(80)							21.6	(9)	12/19
Lisanti Capital Growth net of fees		-14.0		-3.3								21.3		
Russell 2500 Growth		-12.3		-10.1		13.0		13.2		12.7		12.1		
Phocas Financial Corporation	(SC Value)	-1.1	(26)	10.0	(23)							17.1	(16)	12/19
Phocas Financial Corporation net of fees		-1.2		9.7								16.7		
Russell 2000 Value		-2.4		3.3		12.7		8.6		10.5		12.7		

## Pontiac General Employees Retirement System Manager Allocation & Targets as of March 31, 2022



Name	Market Value	%
Attucks Asset Management All Cap	\$66,229,824	100%
Heard Capital All Cap Core	\$8,342,819	12.6%
Decatur Large Cap Growth	\$12,036,129	18.2%
The Edgar Lomax Company Large-Cap Value	\$11,885,235	17.9%
Seizert Capital Partners Large Cap Value	\$11,573,881	17.5%
Lisanti Capital Growth Smid Cap Growth	\$10,801,287	16.3%
Phocas Financial Corporation Small Cap Value	\$11,590,473	17.5%

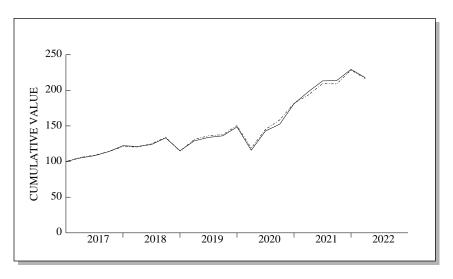
## Pontiac General Employees Retirement System Manager Value Added as of March 31, 2022

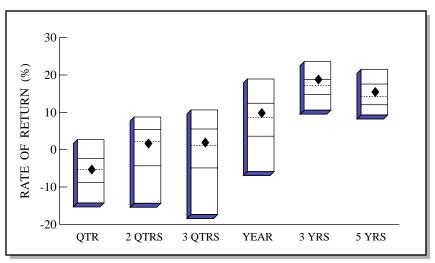
1 Quarter	Portfolio	Benchmark	1 Year
0.2	<b>Attucks Asset Management</b>	Russell 3000	-1.9
-2.1	Heard Capital	Russell 3000	-7.0
0.8	Decatur	Russell 1000 Growth	2.3
2.2	The Edgar Lomax Company	Russell 1000 Value	3.4
0.4	Seizert Capital Partners	Russell 1000 Value	4.7
-1.6	Lisanti Capital Growth	Russell 2500 Growth	7.1
1.3	Phocas Financial Corporation	Russell 2000 Value	6.7

# Pontiac General Employees Retirement System Investment Return Summary as of March 31, 2022

Portfolio	Quarter Return	Prior Quarter Market Value	Net Cash Flow	Investment Return	Current Quarter Market Value
Attucks All Cap	-5.1	\$90,934,746	(\$19,853,941)	(\$4,850,981)	\$66,229,824
Heard	-7.4	\$11,972,413	(\$2,799,415)	(\$830,179)	\$8,342,819
Decatur	-8.2	\$17,139,333	(\$3,706,466)	(\$1,396,738)	\$12,036,129
Edgar Lomax	1.5	\$15,034,784	(\$3,328,054)	\$178,505	\$11,885,235
Seizert	-0.3	\$14,980,940	(\$3,307,045)	(\$100,014)	\$11,573,881
Lisanti	-13.9	\$16,963,252	(\$3,712,232)	(\$2,449,733)	\$10,801,287
Phocas	-1.1	\$14,844,024	(\$3,000,729)	(\$252,822)	\$11,590,473

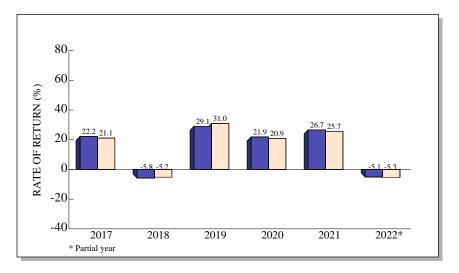
### TOTAL RETURN COMPARISONS





All Cap Equity Universe



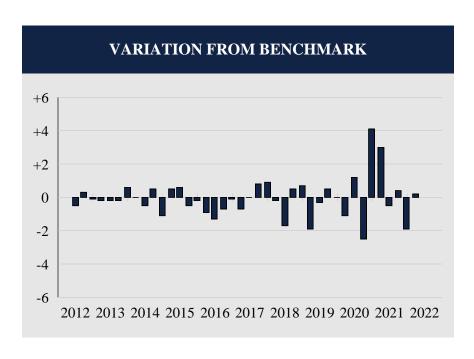


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-5.1	1.9	2.1	10.0	19.0	15.7
(RANK)	(49)	(52)	(46)	(41)	(24)	(37)
5TH %ILE	2.7	8.8	10.6	18.9	23.6	21.5
25TH %ILE	-2.3	5.4	5.5	12.4	18.8	17.6
MEDIAN	-5.3	2.1	1.2	8.6	17.2	14.2
75TH %ILE	-8.8	-4.3	-4.9	3.6	14.8	12.0
95TH %ILE	-14.2	-14.3	-17.4	-5.9	10.6	9.3
Russ 3000	-5.3	3.5	3.4	11.9	18.2	15.4

All Cap Equity Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

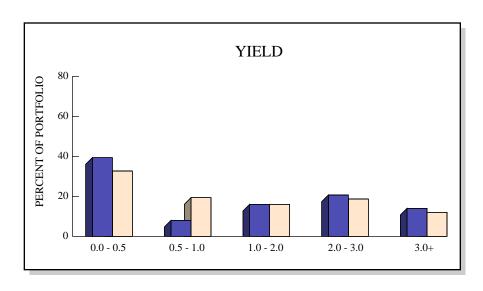
**COMPARATIVE BENCHMARK: RUSSELL 3000** 

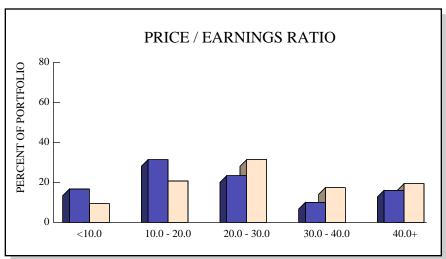


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	18
Quarters Below the Benchmark	22
Batting Average	.450

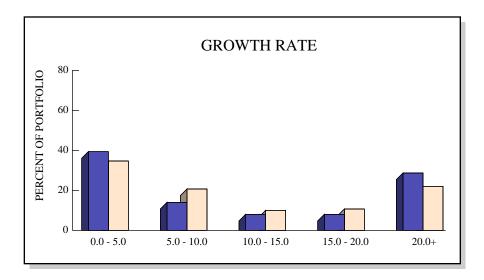
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
6/12	-3.6	-3.1	-0.5				
9/12	6.5	6.2	0.3				
12/12	0.2	0.3	-0.1				
3/13	10.9	11.1	-0.2				
6/13	2.5	2.7	-0.2				
9/13	6.2	6.4	-0.2				
12/13	10.7	10.1	0.6				
3/14	2.0	2.0	0.0				
6/14	4.4	4.9	-0.5				
9/14	0.5	0.0	0.5				
12/14	4.1	5.2	-1.1				
3/15	2.3	1.8	0.5				
6/15	0.7	0.1	0.6				
9/15	-7.7	-7.2	-0.5				
12/15	6.1	6.3	-0.2				
3/16	0.1	1.0	-0.9				
6/16	1.3	2.6	-1.3				
9/16	3.7	4.4	-0.7				
12/16	4.1	4.2	-0.1				
3/17	5.0	5.7	-0.7				
6/17	3.0	3.0	0.0				
9/17	5.4	4.6	0.8				
12/17	7.2	6.3	0.9				
3/18	-0.8	-0.6	-0.2				
6/18	2.2	3.9	-1.7				
9/18	7.6	7.1	0.5				
12/18	-13.6	-14.3	0.7				
3/19	12.1	14.0	-1.9				
6/19	3.8	4.1	-0.3				
9/19	1.7	1.2	0.5				
12/19	9.1	9.1	0.0				
3/20	-22.0	-20.9	-1.1				
6/20	23.2	22.0	1.2				
9/20	6.7	9.2	-2.5				
12/20	18.8	14.7	4.1				
3/21	9.3	6.3	3.0				
6/21	7.7	8.2	-0.5				
9/21	0.3	-0.1	0.4				
12/21	7.4	9.3	-1.9				
3/22	-5.1	-5.3	0.2				

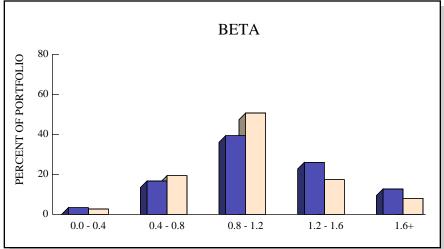
### STOCK CHARACTERISTICS



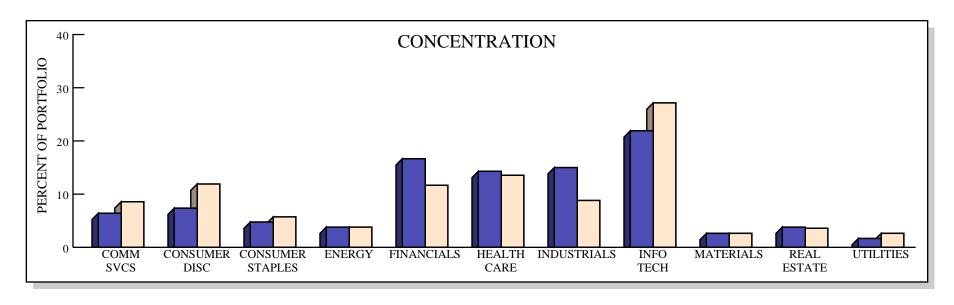


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	304	1.4%	10.8%	25.4	1.17	
RUSSELL 3000	3,041	1.3%	11.6%	29.1	1.07	

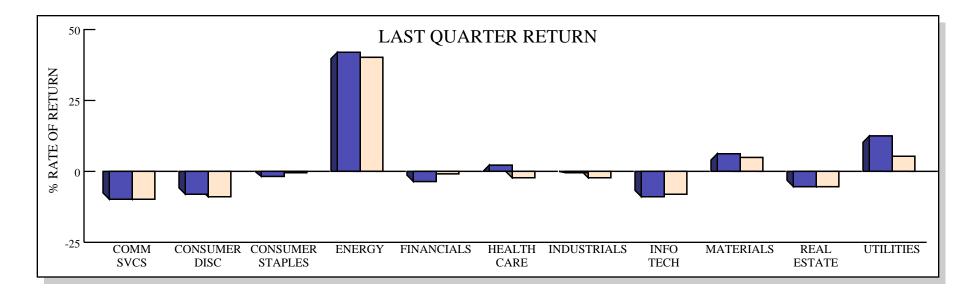




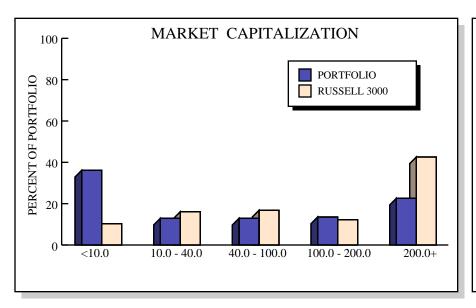
### STOCK INDUSTRY ANALYSIS

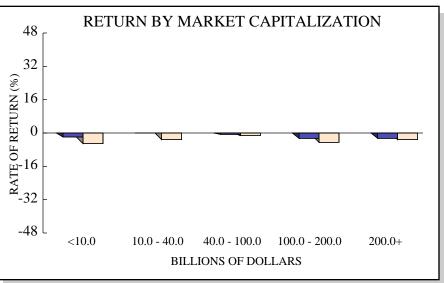






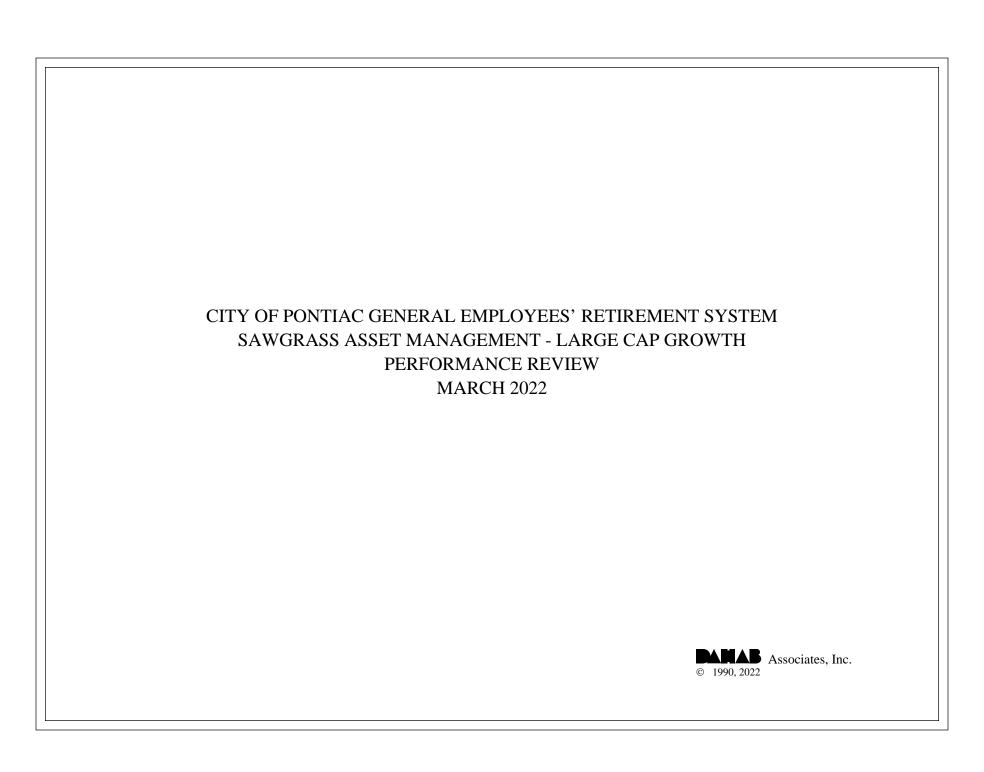
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	APPLE INC	\$ 1,856,977	2.80%	-1.5%	Information Technology	\$ 2849.5 B
2	MICROSOFT CORP	1,245,572	1.88%	-8.1%	Information Technology	2311.4 B
3	CVS HEALTH CORP	987,506	1.49%	-1.4%	Health Care	132.9 B
4	AMAZON.COM INC	935,606	1.41%	-2.2%	Consumer Discretionary	1658.8 B
5	ADOBE INC	812,826	1.23%	-19.7%	Information Technology	215.3 B
6	CAPITAL ONE FINANCIAL CORP	801,657	1.21%	-9.2%	Financials	54.0 B
7	BLACKSTONE INC	758,974	1.15%	-0.8%	Financials	153.8 B
8	AMGEN INC	684,351	1.03%	8.4%	Health Care	134.7 B
9	TRANSDIGM GROUP INC	684,117	1.03%	2.4%	Industrials	36.1 B
10	METLIFE INC	662,600	1.00%	13.3%	Financials	58.0 B



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Sawgrass Asset Management Large Cap Growth portfolio was valued at \$33,975,285, a decrease of \$13,426,333 from the December ending value of \$47,401,618. Last quarter, the account recorded total net withdrawals of \$10,649,075 in addition to \$2,777,258 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$104,066 and realized and unrealized capital losses totaling \$2,881,324.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Sawgrass Asset Management Large Cap Growth portfolio lost 5.7%, which was 3.3% greater than the Russell 1000 Growth Index's return of -9.0% and ranked in the 12th percentile of the Large Cap Growth universe. Over the trailing year, the portfolio returned 15.7%, which was 0.7% greater than the benchmark's 15.0% performance, and ranked in the 14th percentile. Since December 2007, the account returned 11.4% per annum. For comparison, the Russell 1000 Growth returned an annualized 12.8% over the same time frame.

#### **HOLDINGS ANALYSIS**

Last quarter, the Sawgrass portfolio was invested across eight of the eleven industry sectors in our analysis. Relative to the Russell 1000 Growth index, the Consumer Staples, Health Care, and Industrials sectors received higher allocations, while the Information Technology sector was underweighted. The Energy, Real Estate, and Utilities sectors were not invested.

Although selection effects were mixed, the Sawgrass portfolio improved upon market returns in some of its heaviest sectors, including Health Care and Information Technology. Increased allocations to the Consumer Staples and Industrials sectors proved advantageous, as both preserved capital in an otherwise negative environment.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/07		
Total Portfolio - Gross	-5.7	15.7	19.8	18.3	15.4	11.4		
LARGE CAP GROWTH RANK	(12)	(14)	(58)	(62)	(62)			
Total Portfolio - Net	-5.8	15.1	19.1	17.6	14.8	10.9		
Russell 1000G	-9.0	15.0	23.6	20.9	17.0	12.8		
Domestic Equity - Gross	-5.7	15.7	19.8	18.3	15.4	11.4		
LARGE CAP GROWTH RANK	(12)	(14)	(58)	(62)	(62)			
Russell 1000G	-9.0	15.0	23.6	20.9	17.0	12.8		

ASSET ALLOCATION						
Domestic Equity	100.0%	\$ 33,975,285				
Total Portfolio	100.0%	\$ 33,975,285				

### INVESTMENT RETURN

 Market Value 12/2021
 \$ 47,401,618

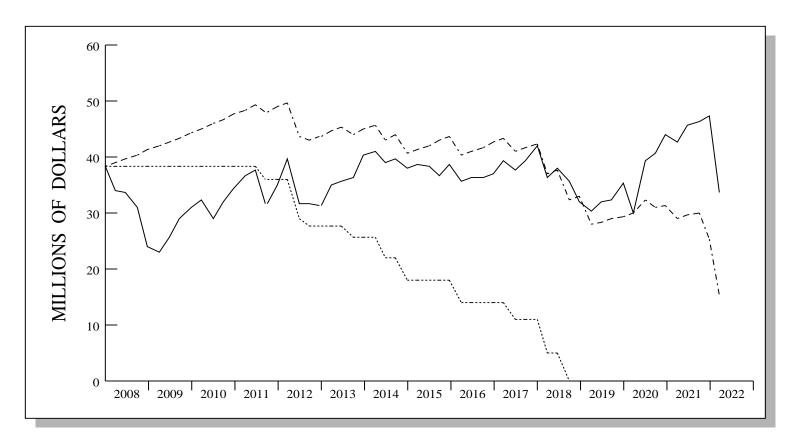
 Contribs / Withdrawals
 -10,649,075

 Income
 104,066

 Capital Gains / Losses
 -2,881,324

 Market Value 3/2022
 \$ 33,975,285

### **INVESTMENT GROWTH**

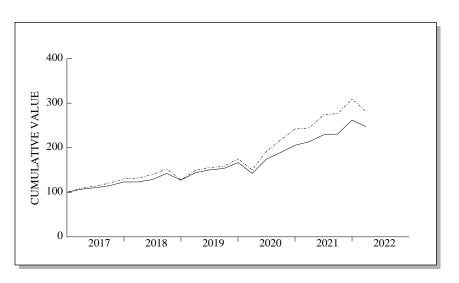


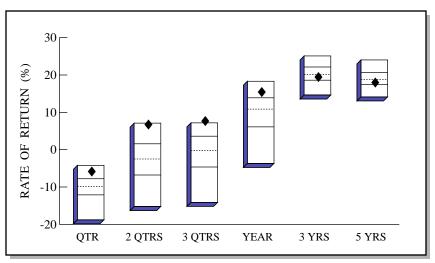
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING BLENDED RATE \$ 15,355,857

	LAST QUARTER	PERIOD 12/07 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 47,401,618 - 10,649,075 - 2,777,258 \$ 33,975,285	\$ 38,467,655 - 63,418,802 
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$   \begin{array}{r}     104,066 \\     \underline{-2,881,324} \\     \hline     -2,777,258   \end{array} $	6,219,649 52,706,783 58,926,432

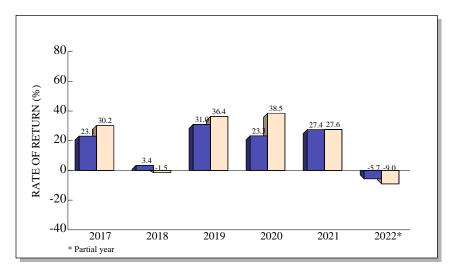
### TOTAL RETURN COMPARISONS





Large Cap Growth Universe



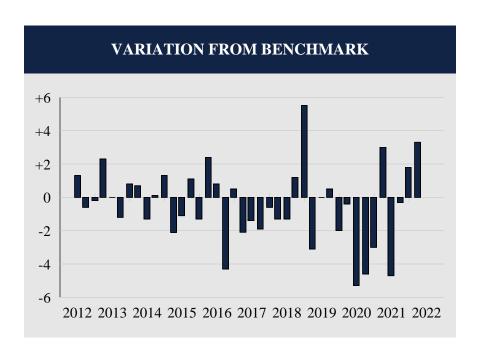


					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-5.7	7.0	8.0	15.7	19.8	18.3
(RANK)	(12)	(6)	(4)	(14)	(58)	(62)
5TH %ILE	-4.2	7.1	7.2	18.3	25.1	24.0
25TH %ILE	-7.8	1.6	3.6	13.9	22.1	20.7
MEDIAN	-9.9	-2.5	-0.2	10.9	20.1	18.8
75TH %ILE	-12.1	-6.8	-4.7	6.1	18.6	17.4
95TH %ILE	-18.8	-15.2	-14.1	-3.7	14.6	14.1
Russ 1000G	-9.0	1.5	2.7	15.0	23.6	20.9

Large Cap Growth Universe

### TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

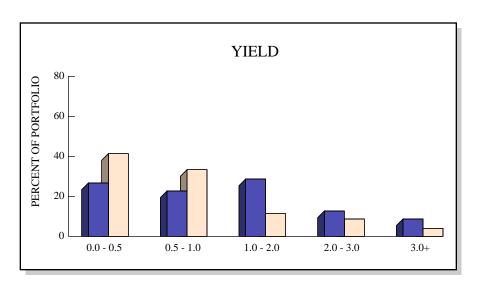
COMPARATIVE BENCHMARK: RUSSELL 1000 GROWTH

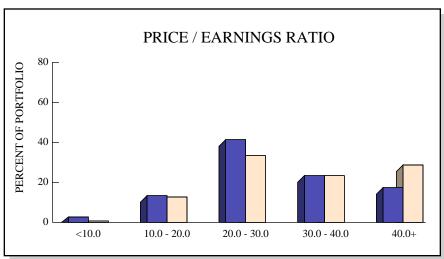


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	18
Quarters Below the Benchmark	22
<b>Batting Average</b>	.450

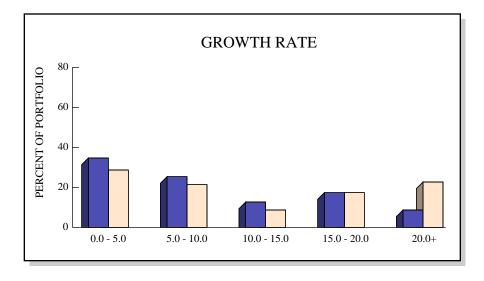
RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
6/12	-2.7	-4.0	1.3				
9/12	5.5	6.1	-0.6				
12/12	-1.5	-1.3	-0.2				
3/13 6/13 9/13	11.8 2.1 6.9 11.2	9.5 2.1 8.1	2.3 0.0 -1.2				
12/13	11.2	10.4	0.8				
3/14	1.8	1.1	0.7				
6/14	3.8	5.1	-1.3				
9/14	1.6	1.5	0.1				
12/14	6.1	4.8	1.3				
3/15	1.7	3.8	-2.1				
6/15	-1.0	0.1	-1.1				
9/15	-4.2	-5.3	1.1				
12/15	6.0	7.3	-1.3				
3/16	3.1	0.7	2.4				
6/16	1.4	0.6	0.8				
9/16	0.3	4.6	-4.3				
12/16	1.5	1.0	0.5				
3/17	6.8	8.9	-2.1				
6/17	3.3	4.7	-1.4				
9/17	4.0	5.9	-1.9				
12/17	7.3	7.9	-0.6				
3/18	0.1	1.4	-1.3				
6/18	4.5	5.8	-1.3				
9/18	10.4	9.2	1.2				
12/18	-10.4	-15.9	5.5				
3/19	13.0	16.1	-3.1				
6/19	4.6	4.6	0.0				
9/19	2.0	1.5	0.5				
12/19	8.6	10.6	-2.0				
3/20	-14.5	-14.1	-0.4				
6/20	22.5	27.8	-5.3				
9/20	8.6	13.2	-4.6				
12/20	8.4	11.4	-3.0				
3/21	3.9	0.9	3.0				
6/21	7.2	11.9	-4.7				
9/21	0.9	1.2	-0.3				
12/21	13.4	11.6	1.8				
3/22	-5.7	-9.0	3.3				

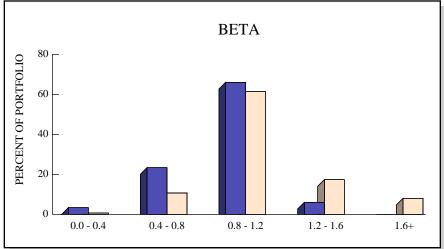
### STOCK CHARACTERISTICS



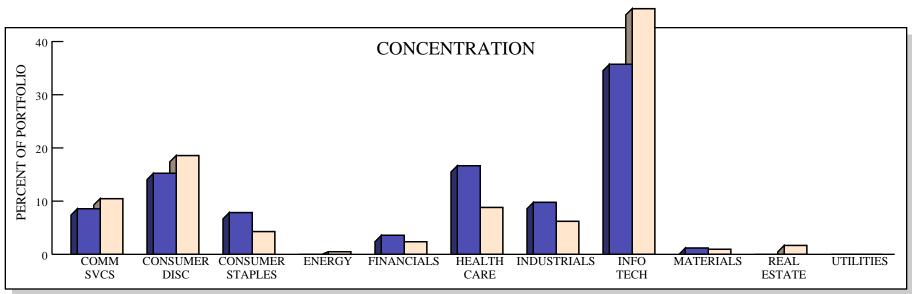


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	49	1.2%	7.7%	30.3	0.92	
RUSSELL 1000G	499	0.8%	12.4%	35.1	1.12	

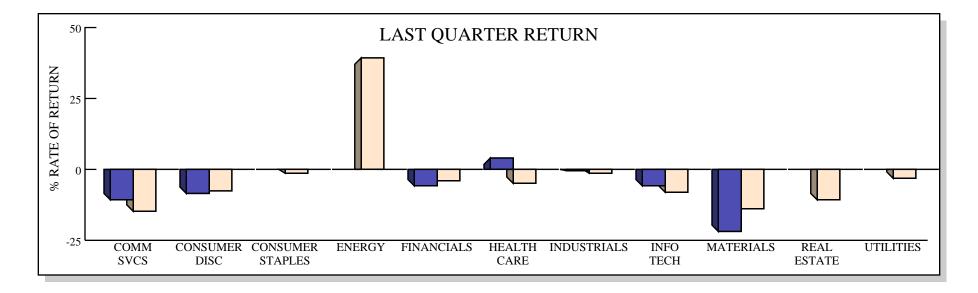




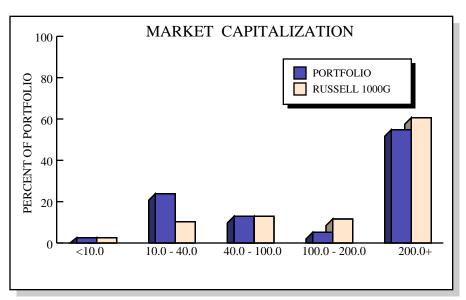


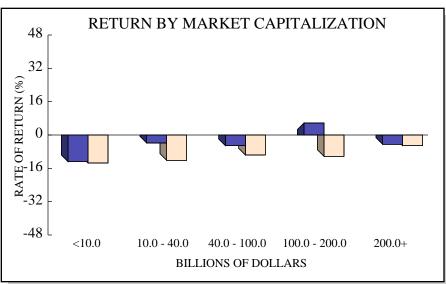


■ PORTFOLIO ■ RUSSELL 1000G



### **TOP TEN HOLDINGS**

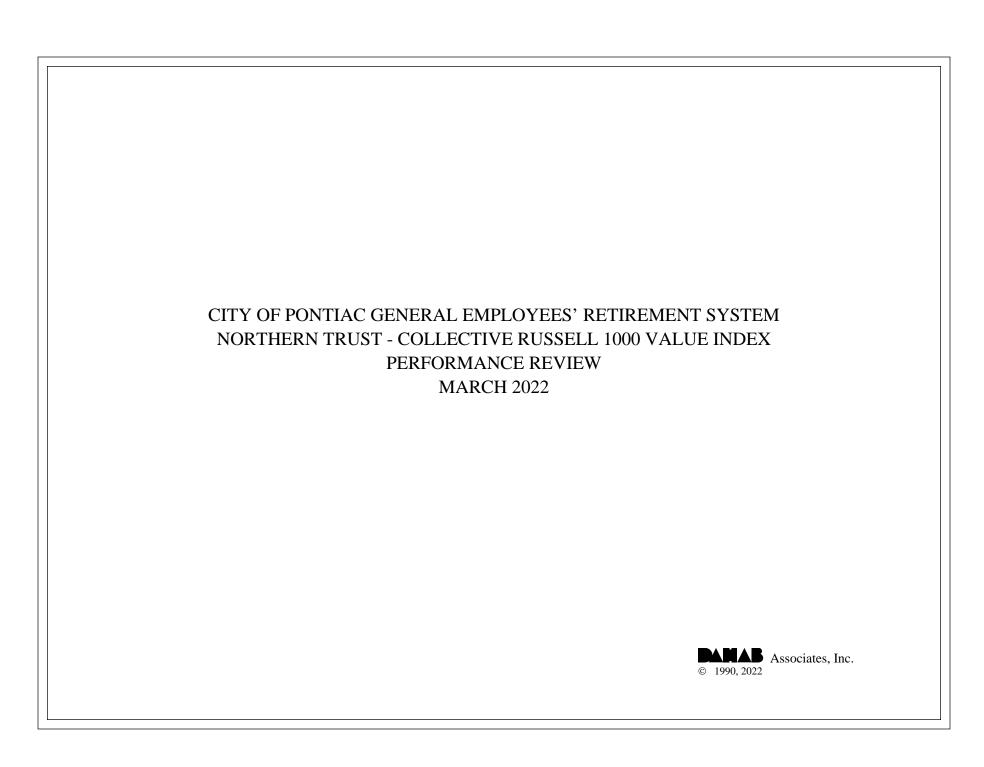




# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	APPLE INC	\$ 2,826,412	8.32%	-1.5%	Information Technology	\$ 2849.5 B
2	MICROSOFT CORP	2,173,585	6.40%	-8.1%	Information Technology	2311.4 B
3	AMAZON.COM INC	1,564,776	4.61%	-2.2%	Consumer Discretionary	1658.8 B
4	ABBVIE INC	1,359,779	4.00%	21.0%	Health Care	286.3 B
5	ALPHABET INC	1,268,296	3.73%	-4.0%	Communication Services	960.5 B
6	COSTCO WHOLESALE CORP	1,243,260	3.66%	1.6%	Consumer Staples	255.2 B
7	BROADCOM INC	1,130,276	3.33%	-4.7%	Information Technology	257.1 B
8	AKAMAI TECHNOLOGIES INC	965,149	2.84%	2.0%	Information Technology	19.2 B
9	AUTOZONE INC	887,348	2.61%	-2.5%	Consumer Discretionary	40.6 B
10	MARSH & MCLENNAN COMPANIES I	791,942	2.33%	-1.6%	Financials	85.7 B

8



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Northern Trust Collective Russell 1000 Value Index portfolio was valued at \$15,820,494, representing an increase of \$7,776,138 from the December quarter's ending value of \$8,044,356. Last quarter, the Fund posted net contributions equaling \$7,500,000 plus a net investment gain equaling \$276,138. Since there were no income receipts during the quarter, the portfolio's net investment return was the result of net realized and unrealized capital gains totaling \$276,138.

#### RELATIVE PERFORMANCE

#### **Total Fund**

In the first quarter, the Northern Trust Collective Russell 1000 Value Index portfolio lost 0.8%, which was 0.1% below the Russell 1000 Value Index's return of -0.7% and ranked in the 57th percentile of the Large Cap Value universe. Over the trailing twelve-month period, the portfolio returned 11.7%, which was equal to the benchmark's 11.7% performance, ranking in the 68th percentile. Since December 2019, the account returned 11.6% per annum and ranked in the 71st percentile. The Russell 1000 Value returned an annualized 11.5% over the same time frame.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/19		
Total Portfolio - Gross	-0.8	11.7				11.6		
LARGE CAP VALUE RANK	(57)	(68)				(71)		
Total Portfolio - Net	-0.8	11.6				11.6		
Russell 1000V	-0.7	11.7	13.0	10.3	11.7	11.5		
<b>Domestic Equity - Gross</b>	-0.8	11.7				11.6		
LARGE CAP VALUE RANK	(57)	(68)				(71)		
Russell 1000V	-0.7	11.7	13.0	10.3	11.7	11.5		

ASSET ALLOCATION				
Domestic Equity	100.0%	\$ 15,820,494		
Total Portfolio	100.0%	\$ 15,820,494		

### INVESTMENT RETURN

 Market Value 12/2021
 \$ 8,044,356

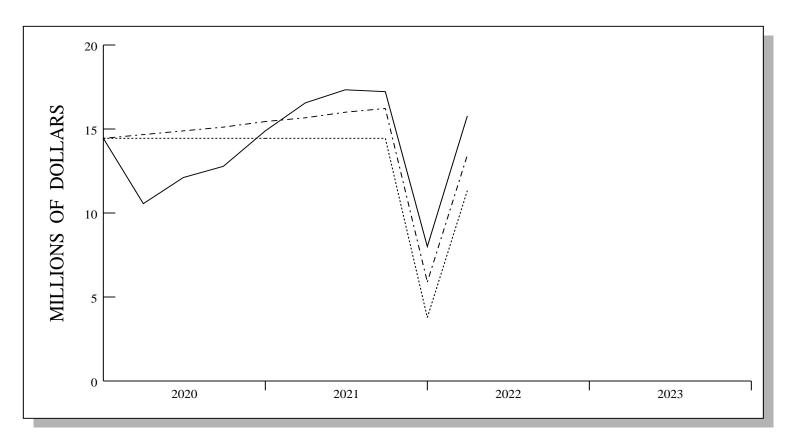
 Contribs / Withdrawals
 7,500,000

 Income
 0

 Capital Gains / Losses
 276,138

 Market Value 3/2022
 \$ 15,820,494

### **INVESTMENT GROWTH**

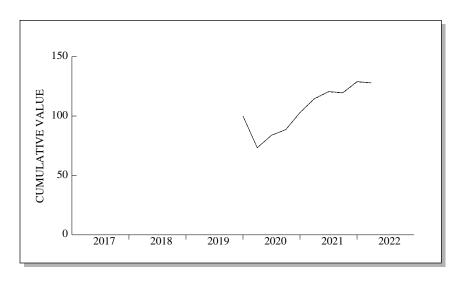


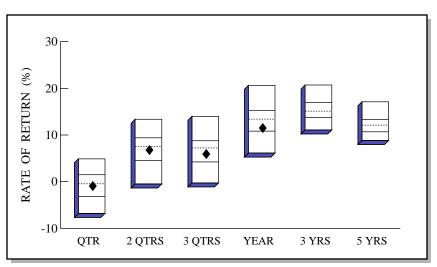
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 13,537,725

	LAST QUARTER	PERIOD 12/19 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE		\$ 14,463,176 - 3,113,216 <u>4,470,534</u> \$ 15,820,494
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{276,138}$ $276,138$	$ \begin{array}{r} 0 \\ 4,470,534 \\ \hline 4,470,534 \end{array} $

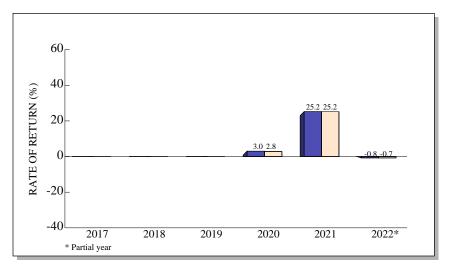
### TOTAL RETURN COMPARISONS





Large Cap Value Universe



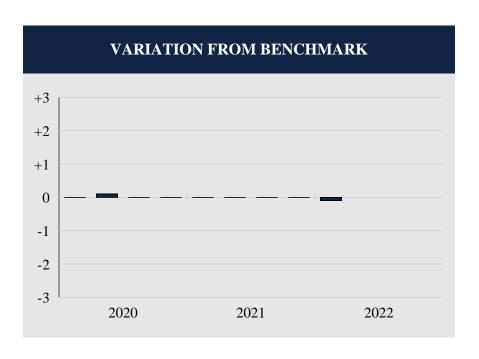


					ANNUA	LIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-0.8	6.9	6.1	11.7		
(RANK)	(57)	(54)	(58)	(68)		
5TH %ILE	4.9	13.4	14.0	20.6	20.7	17.1
25TH %ILE	1.5	9.4	8.8	15.3	17.0	13.3
MEDIAN	-0.5	7.6	7.2	13.4	15.1	12.1
75TH %ILE	-3.2	4.5	4.2	10.8	13.7	10.7
95TH %ILE	-6.8	-0.5	-0.3	6.1	11.1	8.8
Russ 1000V	-0.7	7.0	6.1	11.7	13.0	10.3

Large Cap Value Universe

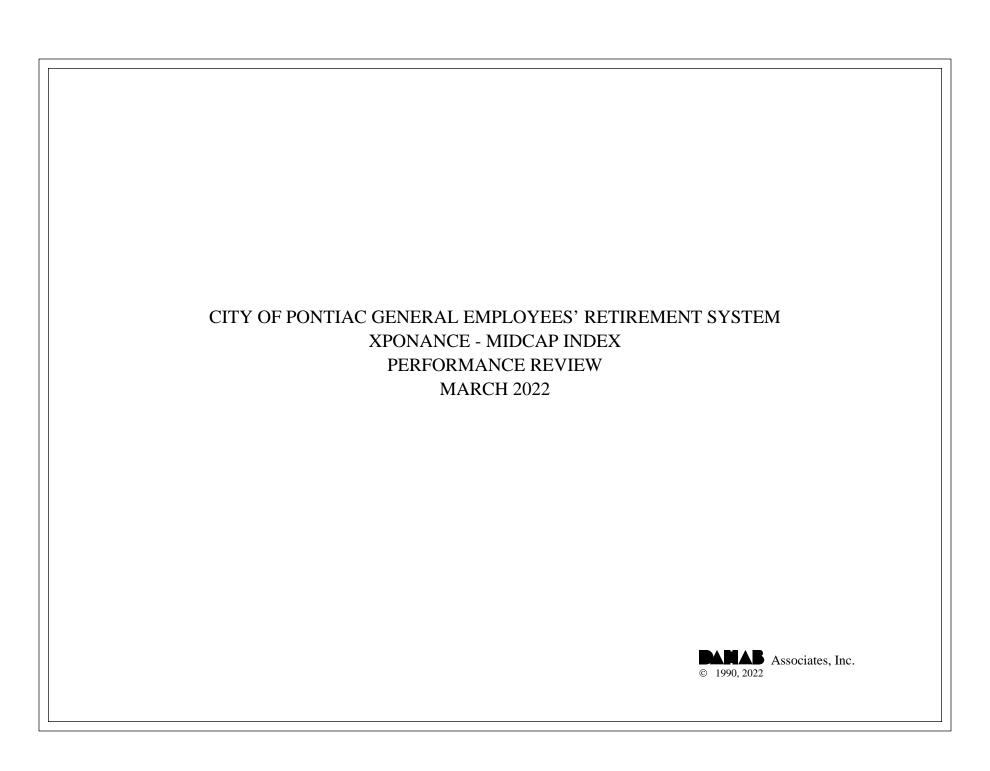
## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: RUSSELL 1000 VALUE



9
8
1
.889

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
3/20	-26.7	-26.7	0.0		
6/20	14.4	14.3	0.1		
9/20	5.6	5.6	0.0		
12/20	16.3	16.3	0.0		
3/21	11.3	11.3	0.0		
6/21	5.2	5.2	0.0		
9/21	-0.8	-0.8	0.0		
12/21	7.8	7.8	0.0		
3/22	-0.8	-0.7	-0.1		



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Xponance Midcap Index portfolio was valued at \$84,629,935, a decrease of \$10,897,917 from the December ending value of \$95,527,852. Last quarter, the account recorded total net withdrawals of \$6,000,100 in addition to \$4,897,817 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$306,548 and realized and unrealized capital losses totaling \$5,204,365.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Xponance Midcap Index portfolio lost 4.9%, which was equal to the S&P 400 Index's return of -4.9% and ranked in the 35th percentile of the Mid Cap Core universe. Over the trailing year, the portfolio returned 4.6%, which was equal to the benchmark's 4.6% performance, and ranked in the 73rd percentile. Since June 2019, the account returned 14.2% per annum and ranked in the 67th percentile. For comparison, the S&P 400 returned an annualized 14.3% over the same time frame.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/19
Total Portfolio - Gross	-4.9	4.6				14.2
MID CAP CORE RANK	(35)	(73)				(67)
Total Portfolio - Net	-4.9	4.6				14.2
S&P 400	-4.9	4.6	14.1	11.1	12.2	14.3
<b>Domestic Equity - Gross</b>	-4.9	4.6				14.2
MID CAP CORE RANK	(35)	(73)				(67)
S&P 400	-4.9	4.6	14.1	11.1	12.2	14.3

ASSET ALLOCATION				
Domestic Equity	100.0%	\$ 84,629,935		
Total Portfolio	100.0%	\$ 84,629,935		

### INVESTMENT RETURN

 Market Value 12/2021
 \$ 95,527,852

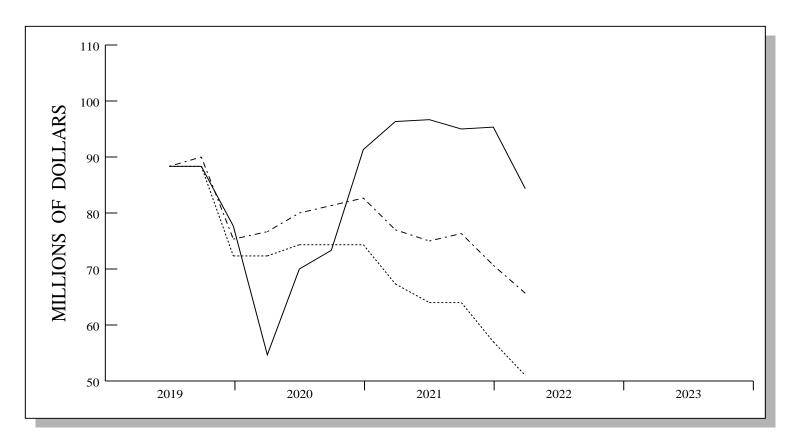
 Contribs / Withdrawals
 -6,000,100

 Income
 306,548

 Capital Gains / Losses
 -5,204,365

 Market Value 3/2022
 \$ 84,629,935

## INVESTMENT GROWTH

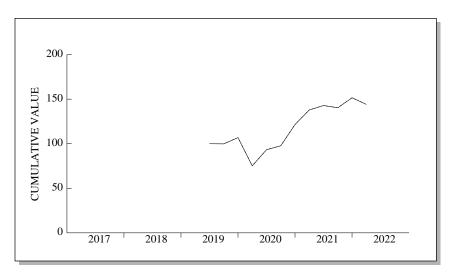


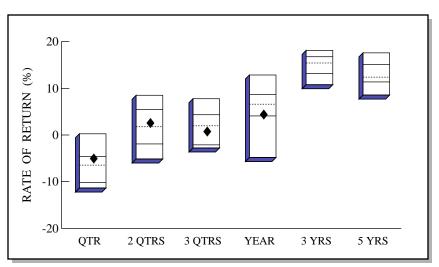
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING BLENDED RATE\$ 65,886,648

	LAST QUARTER	PERIOD 6/19 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 95,527,852 - 6,000,100 - 4,897,817 \$ 84,629,935	\$ 88,485,855 - 37,164,509 <u>33,308,589</u> \$ 84,629,935
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 306,548 \\ -5,204,365 \\ \hline -4,897,817 \end{array} $	3,685,136 29,623,453 33,308,589

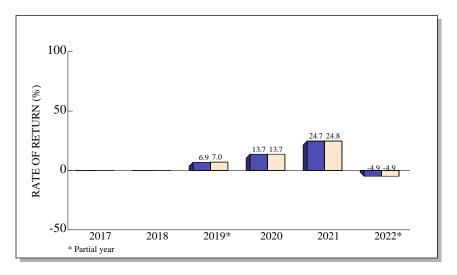
## TOTAL RETURN COMPARISONS





Mid Cap Core Universe



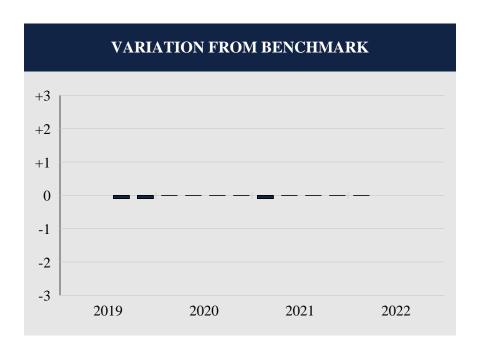


					ANNUA	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-4.9	2.8	0.9	4.6		
(RANK)	(35)	(41)	(53)	(73)		
5TH %ILE	0.3	8.5	7.8	12.9	18.1	17.6
25TH %ILE	-4.6	5.5	4.3	8.7	16.8	15.1
MEDIAN	-6.5	1.8	2.0	6.6	15.4	12.4
75TH %ILE	-10.2	-1.9	-2.1	4.1	13.2	11.4
95TH %ILE	-11.4	-5.2	-2.8	-4.8	10.8	8.5
S&P 400	-4.9	2.7	0.9	4.6	14.1	11.1

Mid Cap Core Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

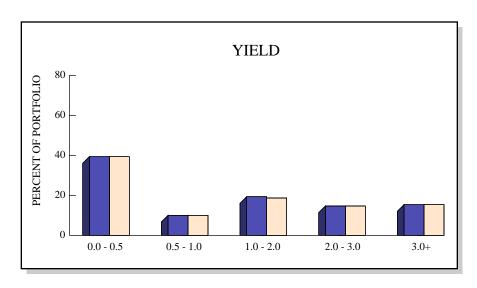
**COMPARATIVE BENCHMARK: S&P 400** 

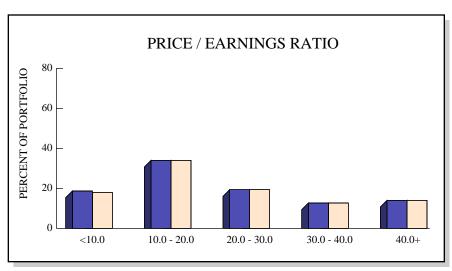


Total Quarters Observed	11
Quarters At or Above the Benchmark	8
<b>Quarters Below the Benchmark</b>	3
<b>Batting Average</b>	.727

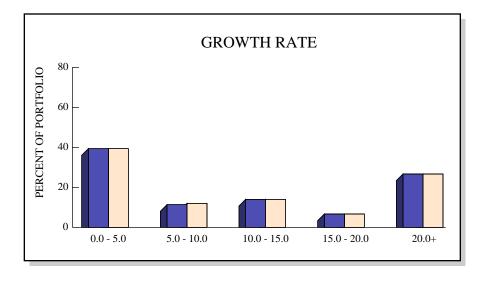
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/19	-0.2	-0.1	-0.1			
12/19	7.0	7.1	-0.1			
3/20	-29.7	-29.7	0.0			
6/20	24.1	24.1	0.0			
9/20	4.8	4.8	0.0			
12/20	24.4	24.4	0.0			
3/21	13.4	13.5	-0.1			
6/21	3.6	3.6	0.0			
9/21	-1.8	-1.8	0.0			
12/21	8.0	8.0	0.0			
3/22	-4.9	-4.9	0.0			
ı						

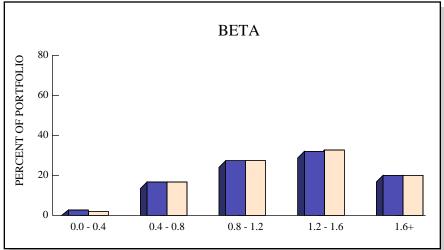
## STOCK CHARACTERISTICS



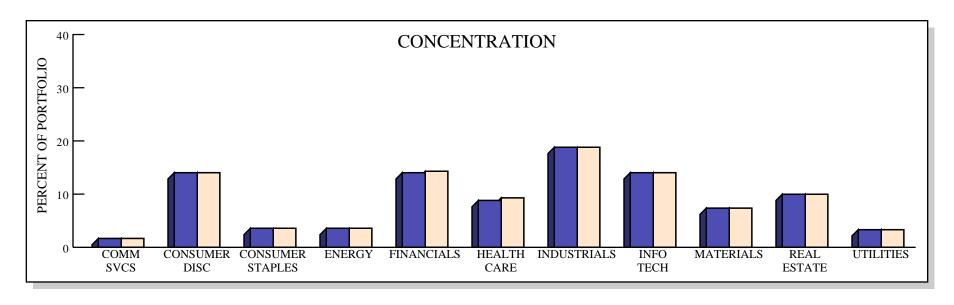


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	401	1.4%	12.8%	24.3	1.23	
S&P 400	400	1.4%	12.6%	24.4	1.24	

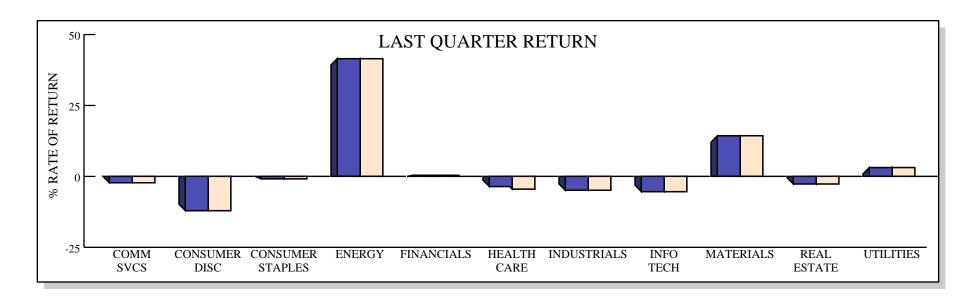




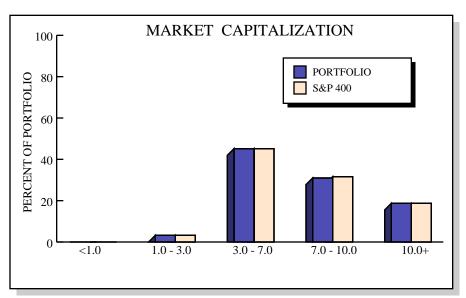
### STOCK INDUSTRY ANALYSIS

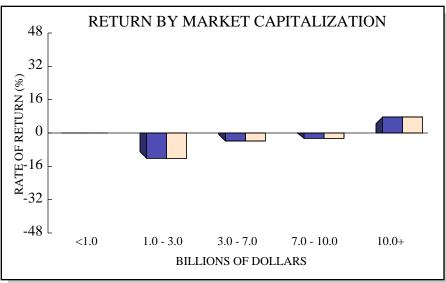






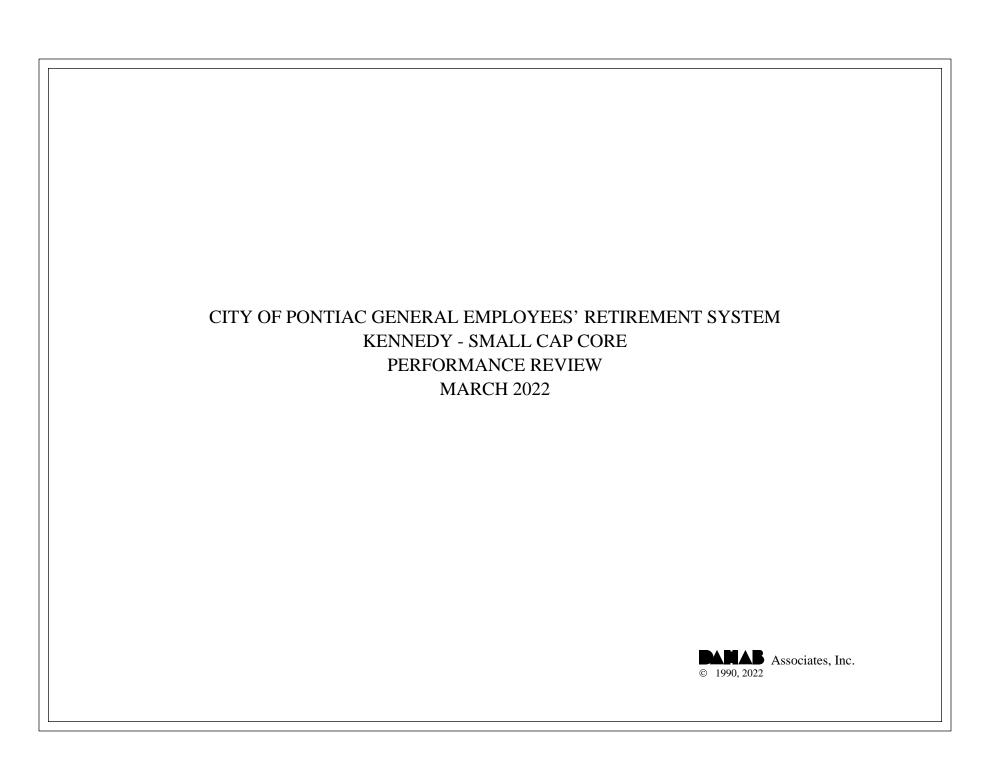
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	TARGA RESOURCES CORP	\$ 627,684	.74%	45.3%	Energy	\$ 17.2 B
2	CAMDEN PROPERTY TRUST	618,098	.73%	-6.5%	Real Estate	17.5 B
3	ALCOA CORP	598,339	.71%	51.3%	Materials	16.6 B
4	STEEL DYNAMICS INC	566,323	.67%	35.0%	Materials	15.8 B
5	ISHARES S&P MIDCAP 400 INDEX	559,489	.66%	-4.9%	N/A	66.0 B
6	CLEVELAND-CLIFFS INC	557,845	.66%	48.0%	Materials	16.9 B
7	WOLFSPEED INC	511,004	.60%	1.9%	Information Technology	14.1 B
8	COGNEX CORP	493,297	.58%	-0.7%	Information Technology	13.4 B
9	DARLING INGREDIENTS INC	473,277	.56%	16.0%	Consumer Staples	13.0 B
10	CARLISLE COMPANIES INC	467,740	.55%	-0.7%	Industrials	12.8 B



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Kennedy Small Cap Core portfolio was valued at \$21,877,802, a decrease of \$1,734,465 from the December ending value of \$23,612,267. Last quarter, the account recorded total net withdrawals of \$133 in addition to \$1,734,332 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$56,665 and realized and unrealized capital losses totaling \$1,790,997.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Kennedy Small Cap Core portfolio lost 7.3%, which was 0.2% greater than the Russell 2000 Index's return of -7.5% and ranked in the 56th percentile of the Small Cap Core universe. Over the trailing year, the portfolio returned 2.2%, which was 8.0% greater than the benchmark's -5.8% performance, and ranked in the 55th percentile. Since December 1994, the account returned 14.2% per annum. For comparison, the Russell 2000 returned an annualized 9.5% over the same time frame.

### **HOLDINGS ANALYSIS**

The Kennedy portfolio was invested in ten of the eleven industry sectors in our analysis. Relative to the Russell 2000 Index, the Consumer Discretionary, Consumer Staples, and Financials sectors received higher allocations, while Health Care and Materials had lighter allocations. The Communication Services sector was vacant.

Most of the invested sectors tracked relatively closely with the index returns. The Materials and Utilities sectors were further off their marks, but represented minor allocations.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/94		
Total Portfolio - Gross	-7.3	2.2	13.6	11.0	11.3	14.2		
SMALL CAP CORE RANK	(56)	(55)	(63)	(65)	(87)			
Total Portfolio - Net	-7.6	1.3	12.6	9.9	10.2	13.7		
Russell 2000	-7.5	-5.8	11.7	9.7	11.0	9.5		
<b>Domestic Equity - Gross</b>	-7.3	2.2	13.6	11.0	11.3	14.2		
SMALL CAP CORE RANK	(56)	(55)	(63)	(65)	(87)			
Russell 2000	-7.5	-5.8	11.7	9.7	11.0	9.5		

ASSET ALLOCATION				
Domestic Equity	100.0%	\$ 21,877,802		
Total Portfolio	100.0%	\$ 21,877,802		

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 23,612,267

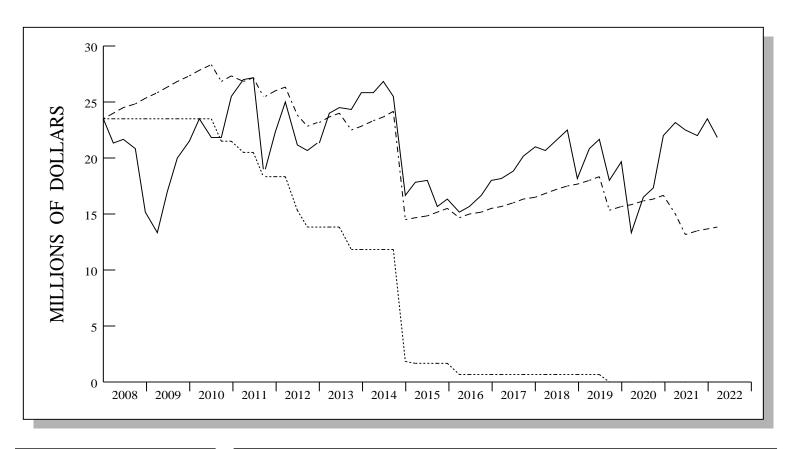
 Contribs / Withdrawals
 -133

 Income
 56,665

 Capital Gains / Losses
 -1,790,997

 Market Value 3/2022
 \$ 21,877,802

### **INVESTMENT GROWTH**

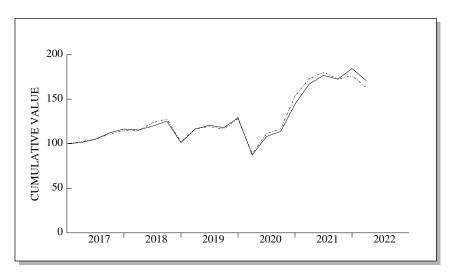


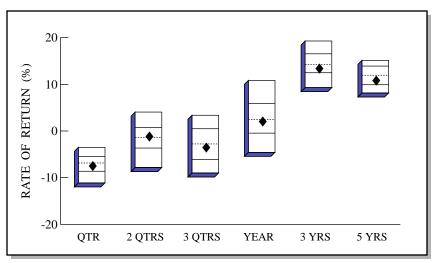
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE\$ 13,970,219

	LAST QUARTER	PERIOD 12/07 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 23,612,267 -133 -1,734,332 \$ 21,877,802	\$ 23,664,669 - 30,139,353 <u>28,352,486</u> \$ 21,877,802
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	56,665 -1,790,997 -1,734,332	2,438,328 25,914,158 28,352,486

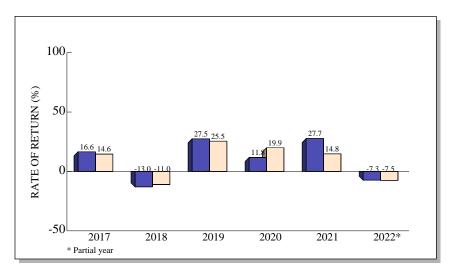
## TOTAL RETURN COMPARISONS





Small Cap Core Universe



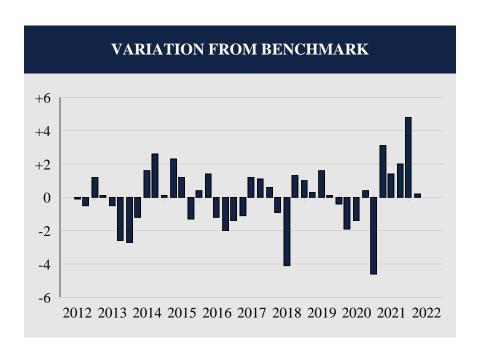


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-7.3	-1.0	-3.3	2.2	13.6	11.0
(RANK)	(56)	(41)	(57)	(55)	(63)	(65)
5TH %ILE	-3.5	4.1	3.4	10.8	19.3	15.1
25TH %ILE	-5.4	0.7	0.5	5.9	16.6	13.9
MEDIAN	-6.9	-1.4	-2.8	2.4	14.3	12.0
75TH %ILE	-8.6	-3.7	-6.1	-0.5	12.5	9.9
95TH %ILE	-11.1	-7.8	-9.0	-4.6	9.3	8.2
Russ 2000	-7.5	-5.5	-9.7	-5.8	11.7	9.7

Small Cap Core Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

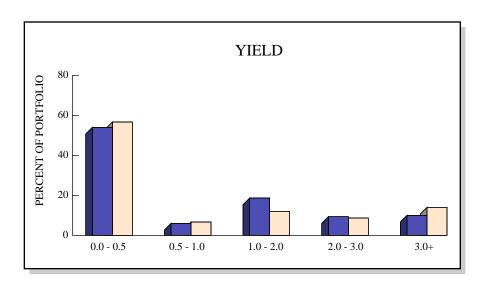
**COMPARATIVE BENCHMARK: RUSSELL 2000** 

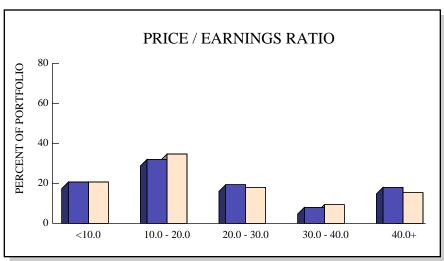


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	23
<b>Quarters Below the Benchmark</b>	17
Batting Average	.575

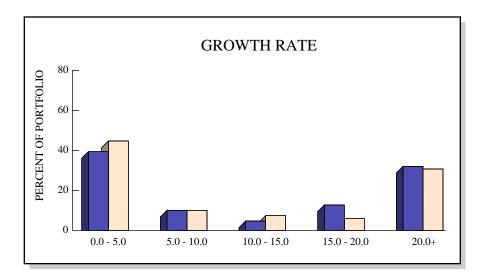
	RATES OF RETURN							
Date	Portfolio	Benchmark	Difference					
6/12	-3.6	-3.5	-0.1					
9/12	4.7	5.2	-0.5					
12/12	3.0	1.8	1.2					
3/13	12.5	12.4	0.1					
6/13	2.6	3.1	-0.5					
9/13	7.6	10.2	-2.6					
12/13	6.0	8.7	-2.7					
3/14	-0.1	1.1	-1.2					
6/14	3.6	2.0	1.6					
9/14	-4.8	-7.4	2.6					
12/14	9.8	9.7	0.1					
3/15	6.6	4.3	2.3					
6/15	1.6	0.4	1.2					
9/15	-13.2	-11.9	-1.3					
12/15	4.0	3.6	0.4					
3/16	-0.1	-1.5	1.4					
6/16	2.6	3.8	-1.2					
9/16	7.0	9.0	-2.0					
12/16	7.4	8.8	-1.4					
3/17	1.4	2.5	-1.1					
6/17	3.7	2.5	1.2					
9/17	6.8	5.7	1.1					
12/17	3.9	3.3	0.6					
3/18	-1.0	-0.1	-0.9					
6/18	3.7	7.8	-4.1					
9/18	4.9	3.6	1.3					
12/18	-19.2	-20.2	1.0					
3/19	14.9	14.6	0.3					
6/19	3.7	2.1	1.6					
9/19	-2.3	-2.4	0.1					
12/19	9.5	9.9	-0.4					
3/20	-32.5	-30.6	-1.9					
6/20	24.0	25.4	-1.4					
9/20	5.3	4.9	0.4					
12/20	26.8	31.4	-4.6					
3/21	15.8	12.7	3.1					
6/21	5.7	4.3	1.4					
9/21	-2.4	-4.4	2.0					
12/21	6.9	2.1	4.8					
3/22	-7.3	-7.5	0.2					

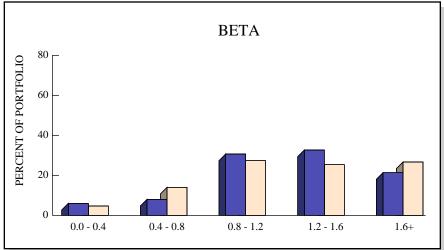
## STOCK CHARACTERISTICS



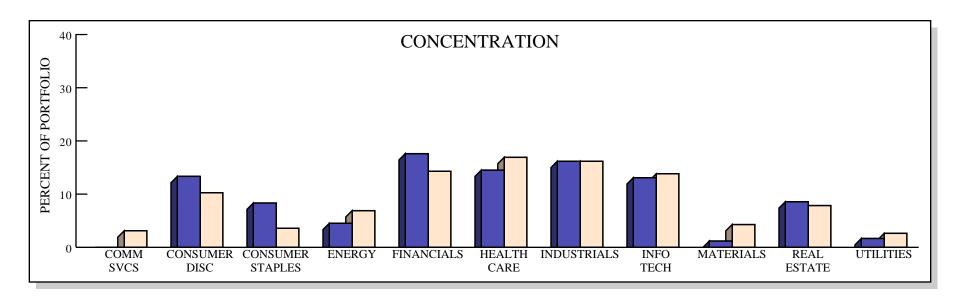


PORTFOLIO 90 1.0% 13.6% 25.9 1.26  RUSSELL 2000 1,514 1.1% 11.5% 24.0 1.33		# HOLDINGS	YIELD	GROWTH	P/E	BETA	
RUSSELL 2000 1,514 1.1% 11.5% 24.0 1.33	PORTFOLIO	90	1.0%	13.6%	25.9	1.26	
	RUSSELL 2000	1,514	1.1%	11.5%	24.0	1.33	

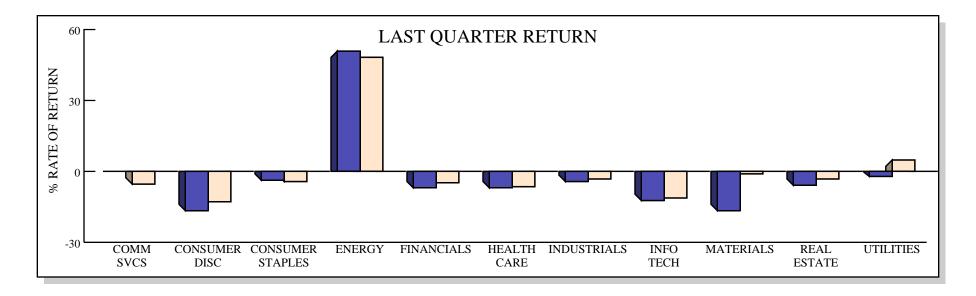




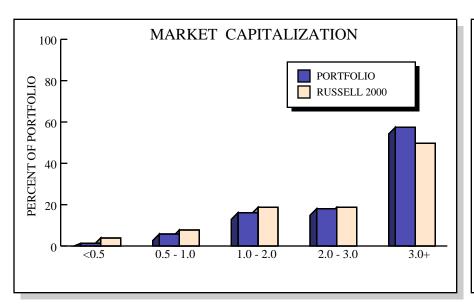
### STOCK INDUSTRY ANALYSIS

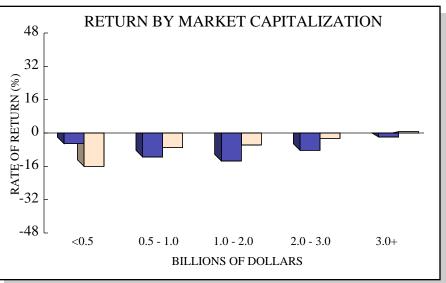


■ PORTFOLIO ■ RUSSELL 2000



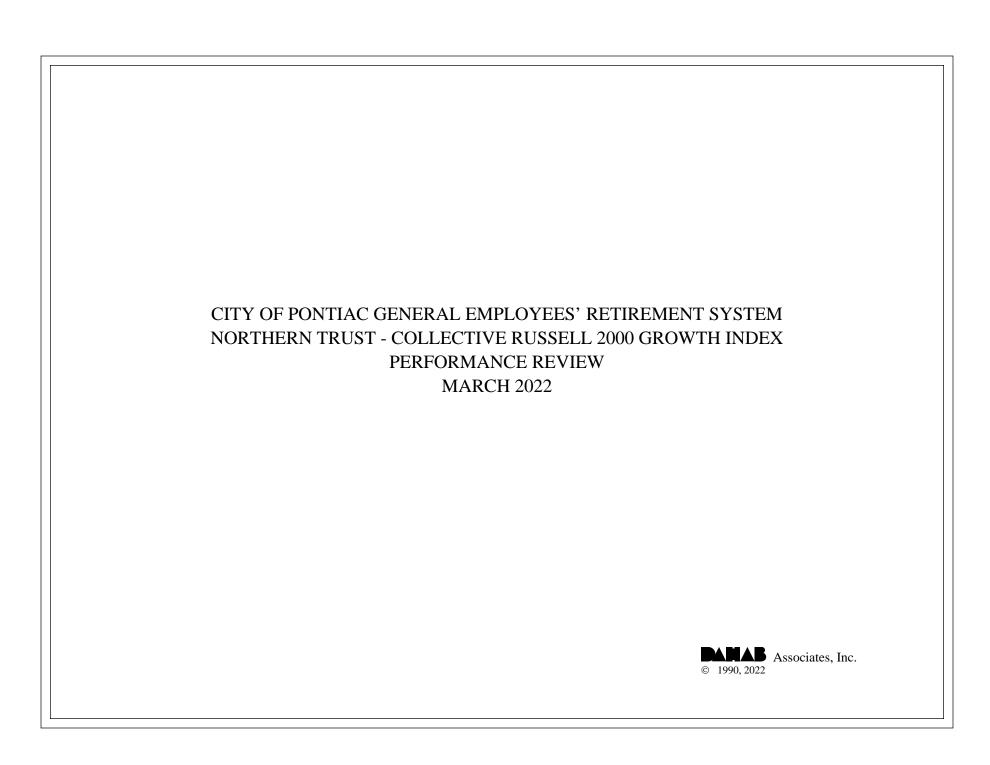
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	PERFORMANCE FOOD GROUP CO	\$ 615,196	2.81%	10.9%	Consumer Staples	\$ 7.9 B
2	LIVANOVA PLC	547,525	2.50%	-6.4%	Health Care	4.4 B
3	VALMONT INDUSTRIES INC	518,955	2.37%	-4.5%	Industrials	5.1 B
4	INDEPENDENCE REALTY TRUST IN	517,299	2.36%	2.8%	Real Estate	5.8 B
5	HELMERICH AND PAYNE INC	497,617	2.27%	81.9%	Energy	4.5 B
6	UNITED NATURAL FOODS INC	466,841	2.13%	-15.8%	Consumer Staples	2.4 B
7	PLYMOUTH INDUSTRIAL REIT INC	437,096	2.00%	-14.6%	Real Estate	1.0 B
8	ALBANY INTERNATIONAL CORP	431,550	1.97%	-4.4%	Industrials	2.7 B
9	CONCENTRIX CORP	393,082	1.80%	-6.6%	Information Technology	8.7 B
10	BJ'S WHOLESALE CLUB HOLDINGS	378,346	1.73%	1.0%	Consumer Staples	9.1 B



### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Northern Trust Collective Russell 2000 Growth Index portfolio was valued at \$16,692,333, representing an increase of \$1,115,556 from the December quarter's ending value of \$15,576,777. Last quarter, the Fund posted net contributions totaling \$3,000,000, which overshadowed the account's \$1,884,444 net investment loss that was sustained during the quarter. Because there were no income receipts during the first quarter, the portfolio's net investment losses were entirely made up of capital losses (realized and unrealized).

### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Northern Trust Collective Russell 2000 Growth Index portfolio lost 12.5%, which was 0.1% greater than the Russell 2000 Growth Index's return of -12.6% and ranked in the 50th percentile of the Small Cap Growth universe. Over the trailing twelve-month period, this portfolio returned -14.2%, which was 0.1% above the benchmark's -14.3% return, and ranked in the 82nd percentile. Since December 2018, the portfolio returned 14.5% per annum and ranked in the 91st percentile. For comparison, the Russell 2000 Growth returned an annualized 14.5% over the same period.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY								
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/18		
Total Portfolio - Gross	-12.5	-14.2	9.9			14.5		
SMALL CAP GROWTH RANK	(50)	(82)	(96)			(91)		
Total Portfolio - Net	-12.6	-14.3	9.8			14.5		
Russell 2000G	-12.6	-14.3	9.9	10.3	11.2	14.5		
<b>Domestic Equity - Gross</b>	-12.5	-14.2	9.9			14.5		
SMALL CAP GROWTH RANK	(50)	(82)	(96)			(91)		
Russell 2000G	-12.6	-14.3	9.9	10.3	11.2	14.5		

ASSET A	ASSET ALLOCATION					
Domestic Equity	100.0%	\$ 16,692,333				
Total Portfolio	100.0%	\$ 16,692,333				

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 15,576,777

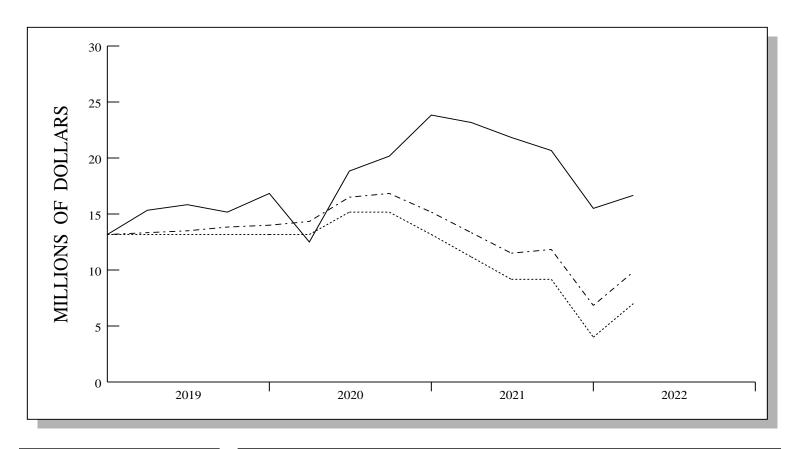
 Contribs / Withdrawals
 3,000,000

 Income
 0

 Capital Gains / Losses
 -1,884,444

 Market Value 3/2022
 \$ 16,692,333

### **INVESTMENT GROWTH**

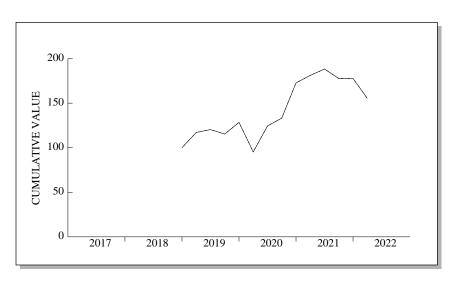


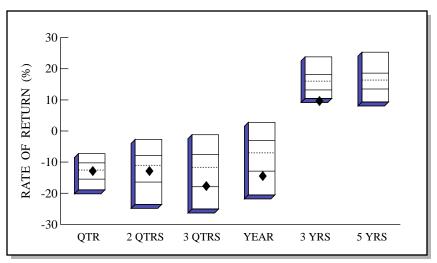
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING BLENDED RATE \$ 9,975,025

	LAST QUARTER	PERIOD 12/18 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 15,576,777 3,000,000 -1,884,444 \$ 16,692,333	\$ 13,203,319 - 6,188,683 <u>9,677,697</u> \$ 16,692,333
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -1,884,444 \\ -1,884,444 \end{array} $	9,677,697 9,677,697

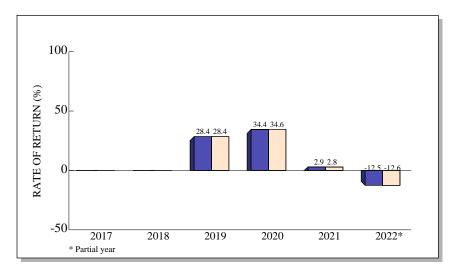
## TOTAL RETURN COMPARISONS





Small Cap Growth Universe



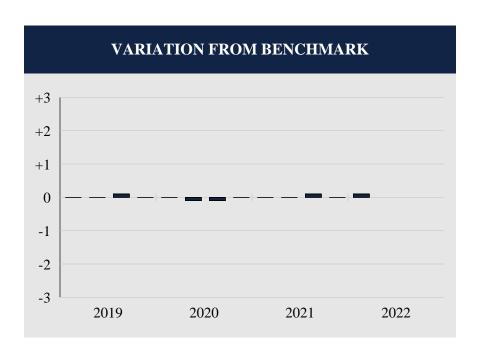


	_QTR	2 QTRS	3 QTRS	YEAR	ANNUA	ALIZED 5 YRS
RETURN (RANK)	-12.5 (50)	-12.5 (60)	-17.4 (74)	-14.2 (82)	9.9 (96)	
5TH %ILE 25TH %ILE MEDIAN 75TH %ILE	-7.3 -10.3 -12.6 -15.5 -18.9	-2.7 -7.8 -11.0 -16.4 -23.6	-1.2 -7.5 -11.7 -17.9 -25.1	2.8 -3.0 -7.1 -12.9 -20.5	23.8 18.2 16.0 13.2 10.5	25.3 18.6 16.4 13.5 9.4
Russ 2000G	-12.6	-12.6	-17.6	-14.3	9.9	10.3

Small Cap Growth Universe

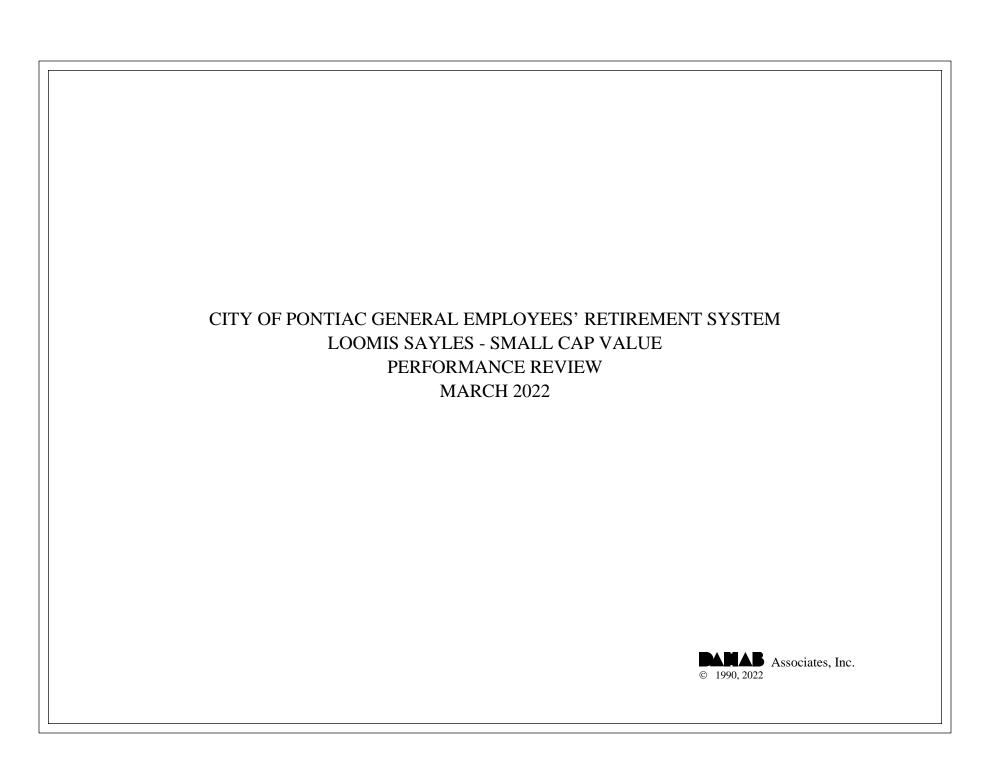
## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: RUSSELL 2000 GROWTH



<b>Total Quarters Observed</b>	13
Quarters At or Above the Benchmark	11
<b>Quarters Below the Benchmark</b>	2
Batting Average	.846

RATES OF RETURN							
Date	Portfolio	Benchmark	Difference				
3/19	17.1	17.1	0.0				
6/19	2.7	2.7	0.0				
9/19	-4.1	-4.2	0.1				
12/19	11.4	11.4	0.0				
3/20	-25.8	-25.8	0.0				
6/20	30.5	30.6	-0.1				
9/20	7.1	7.2	-0.1				
12/20	29.6	29.6	0.0				
3/21	4.9	4.9	0.0				
6/21	3.9	3.9	0.0				
9/21	-5.6	-5.7	0.1				
12/21	0.0	0.0	0.0				
3/22	-12.5	-12.6	0.1				



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Loomis Sayles Small Cap Value portfolio was valued at \$23,467,413, a decrease of \$1,585,634 from the December ending value of \$25,053,047. Last quarter, the account recorded total net withdrawals of \$129 in addition to \$1,585,505 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$77,447 and realized and unrealized capital losses totaling \$1,662,952.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Loomis Sayles Small Cap Value portfolio lost 6.3%, which was 3.9% less than the Russell 2000 Value Index's return of -2.4% and ranked in the 85th percentile of the Small Cap Value universe. Over the trailing year, the portfolio returned 3.7%, which was 0.4% greater than the benchmark's 3.3% performance, and ranked in the 65th percentile. Since December 1994, the account returned 12.6% per annum. For comparison, the Russell 2000 Value returned an annualized 10.4% over the same time frame.

### **HOLDINGS ANALYSIS**

Last quarter, the Loomis portfolio was diversified across all eleven industry sectors in our analysis. Relative to the Russell 2000 Value Index, the portfolio was overweight in the Consumer Discretionary, Industrials, and Information Technology sectors, while underweight in the Energy, Financials, and Real Estate sectors.

Only two sectors (Health Care and Information Technology) exceeded their benchmark sector returns. The cumulative effect of underperformance in the remaining sectors led to the portfolio's greater losses relative to the index.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/94	
Total Portfolio - Gross	-6.3	3.7	10.7	7.7	10.5	12.6	
SMALL CAP VALUE RANK	(85)	(65)	(90)	(86)	(79)		
Total Portfolio - Net	-6.5	3.0	10.0	7.0	9.8	12.3	
Russell 2000V	-2.4	3.3	12.7	8.6	10.5	10.4	
<b>Domestic Equity - Gross</b>	-6.3	3.7	10.7	7.7	10.5	12.6	
SMALL CAP VALUE RANK	(85)	(65)	(90)	(86)	(79)		
Russell 2000V	-2.4	3.3	12.7	8.6	10.5	10.4	

ASSET ALLOCATION					
Domestic Equity	100.0%	\$ 23,467,413			
Total Portfolio	100.0%	\$ 23,467,413			

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 25,053,047

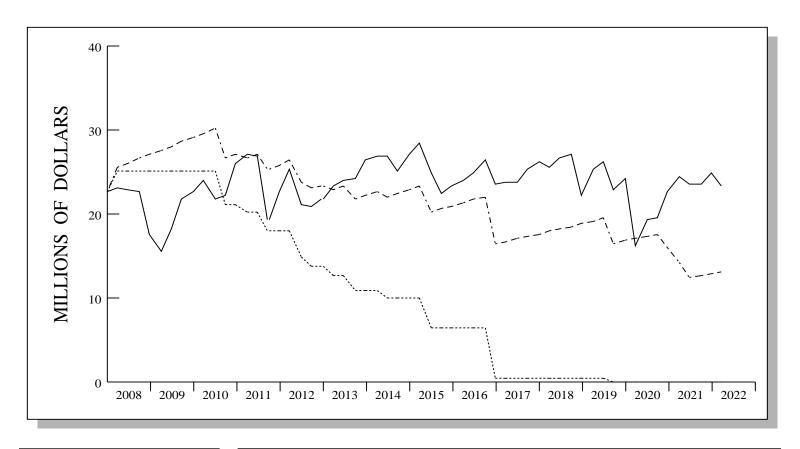
 Contribs / Withdrawals
 -129

 Income
 77,447

 Capital Gains / Losses
 -1,662,952

 Market Value 3/2022
 \$ 23,467,413

### **INVESTMENT GROWTH**

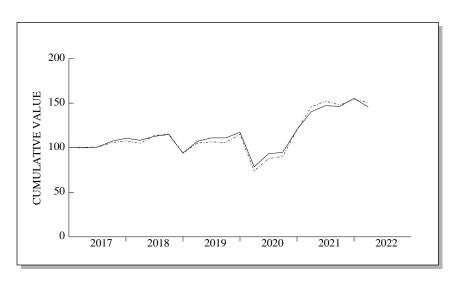


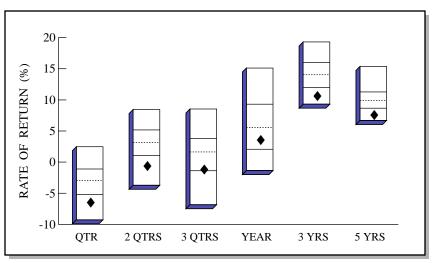
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING BLENDED RATE\$ 13,197,531

	LAST QUARTER	PERIOD 12/07 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 25,053,047 -129 -1,585,505 \$ 23,467,413	\$ 22,726,519 - 31,488,720 <u>32,229,614</u> \$ 23,467,413
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	77,447 -1,662,952 -1,585,505	4,167,040 28,062,574 32,229,614

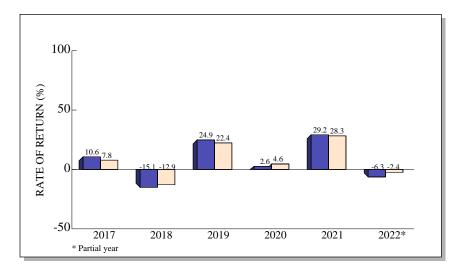
## TOTAL RETURN COMPARISONS





Small Cap Value Universe



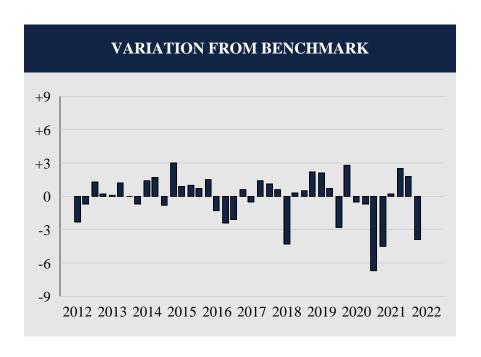


					ANNU	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-6.3	-0.5	-1.1	3.7	10.7	7.7
(RANK)	(85)	(84)	(74)	(65)	(90)	(86)
5TH %ILE	2.5	8.4	8.5	15.1	19.3	15.4
25TH %ILE	-1.1	5.2	3.8	9.3	16.0	11.3
MEDIAN	-3.0	3.2	1.6	5.6	14.0	9.9
75TH %ILE	-5.2	1.1	-1.4	2.1	12.0	8.7
95TH %ILE	-9.3	-3.7	-6.9	-1.4	9.3	6.7
Russ 2000V	-2.4	1.9	-1.2	3.3	12.7	8.6

Small Cap Value Universe

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

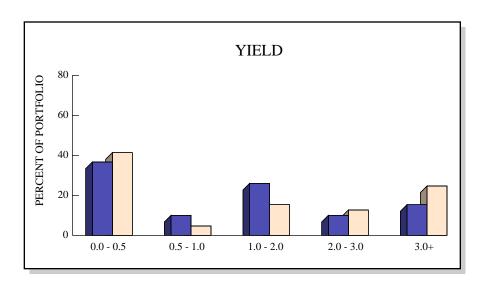
COMPARATIVE BENCHMARK: RUSSELL 2000 VALUE

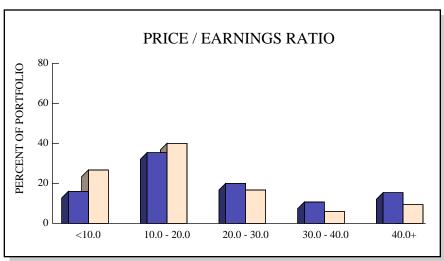


<b>Total Quarters Observed</b>	40
Quarters At or Above the Benchmark	25
<b>Quarters Below the Benchmark</b>	15
Batting Average	.625

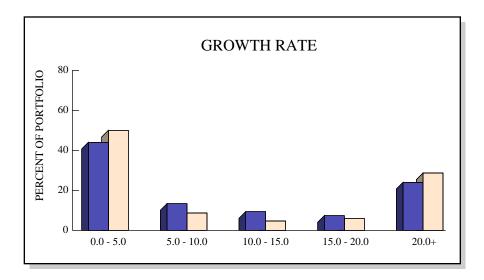
RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/12	-5.3	-3.0	-2.3			
9/12	5.0	5.7	-0.7			
12/12	4.5	3.2	1.3			
3/13	11.8	11.6	0.2			
6/13	2.6	2.5	0.1			
9/13	8.8	7.6	1.2			
12/13	9.3	9.3	0.0			
3/14	1.1	1.8	-0.7			
6/14	3.8	2.4	1.4			
9/14	-6.9	-8.6	1.7			
12/14	8.6	9.4	-0.8			
3/15	5.0	2.0	3.0			
6/15	-0.3	-1.2	0.9			
9/15	-9.7	-10.7	1.0			
12/15	3.6	2.9	0.7			
3/16	3.2	1.7	1.5			
6/16	3.0	4.3	-1.3			
9/16	6.5	8.9	-2.4			
12/16	12.0	14.1	-2.1			
3/17	0.5	-0.1	0.6			
6/17	0.2	0.7	-0.5			
9/17	6.5	5.1	1.4			
12/17	3.1	2.0	1.1			
3/18	-2.0	-2.6	0.6			
6/18	4.0	8.3	-4.3			
9/18	1.9	1.6	0.3			
12/18	-18.2	-18.7	0.5			
3/19	14.1	11.9	2.2			
6/19	3.5	1.4	2.1			
9/19	0.1	-0.6	0.7			
12/19	5.7	8.5	-2.8			
3/20	-32.9	-35.7	2.8			
6/20	18.4	18.9	-0.5			
9/20	1.9	2.6	-0.7			
12/20	26.7	33.4	-6.7			
3/21	16.7	21.2	-4.5			
6/21	4.8	4.6	0.2			
9/21	-0.5	-3.0	2.5			
12/21	6.2	4.4	1.8			
3/22	-6.3	-2.4	-3.9			

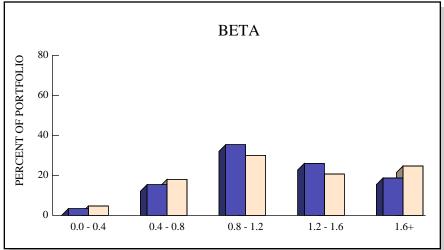
## STOCK CHARACTERISTICS



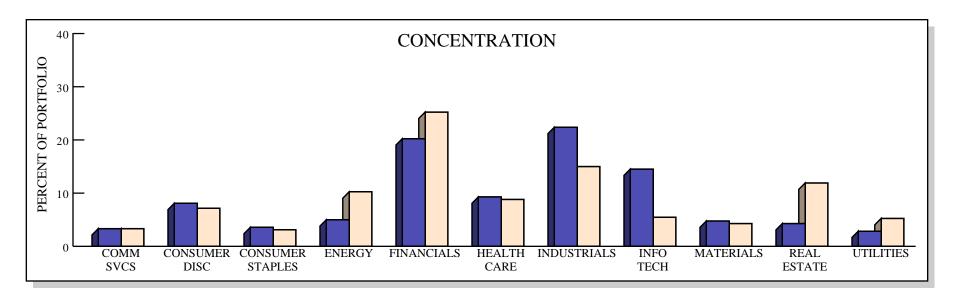


	# HOLDINGS	YIELD	GROWTH	P/E	BETA	
PORTFOLIO	119	1.4%	10.4%	23.9	1.25	
RUSSELL 2000V	1,436	1.8%	10.6%	19.5	1.29	

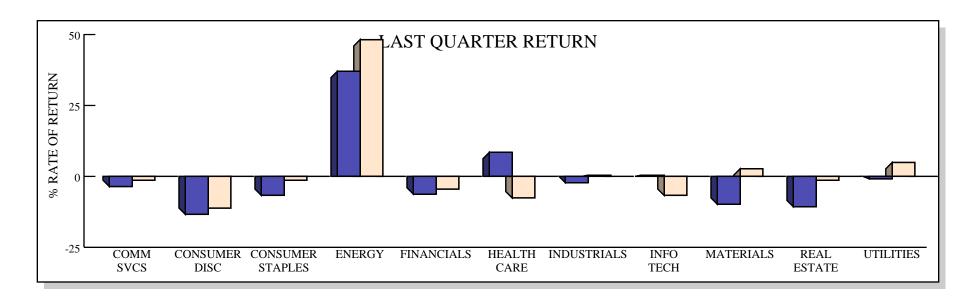




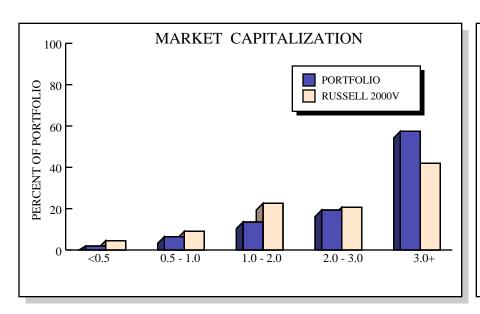
### STOCK INDUSTRY ANALYSIS

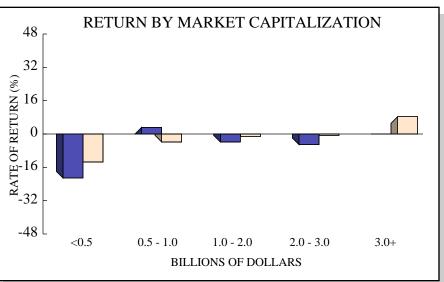






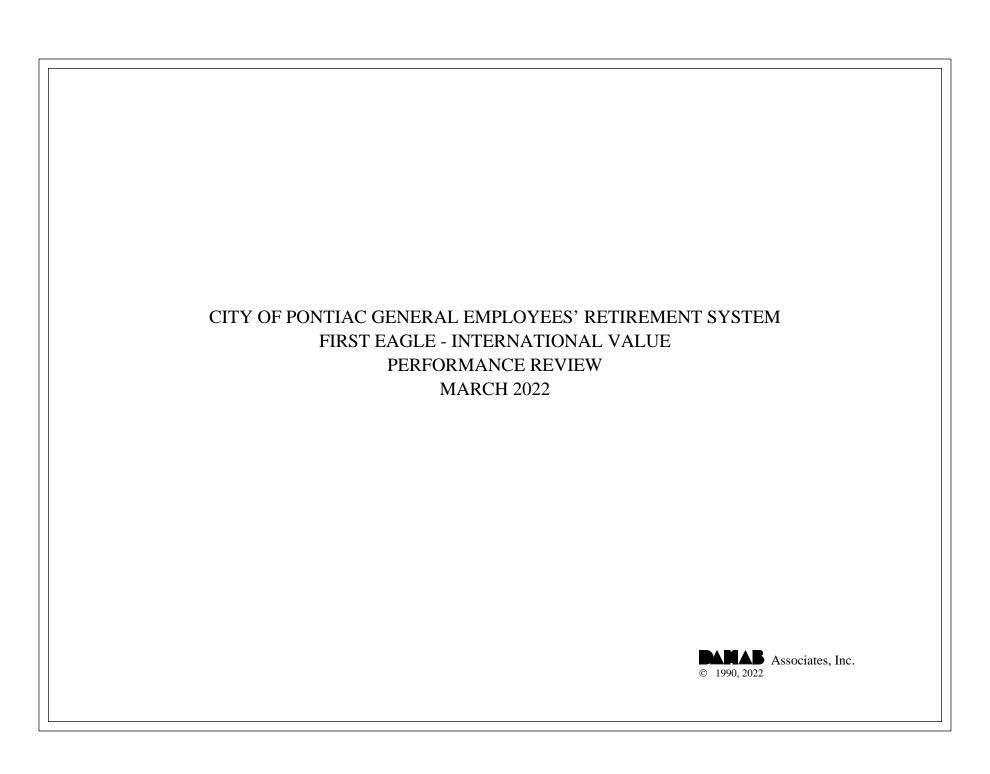
### **TOP TEN HOLDINGS**





# TOP TEN EQUITY HOLDINGS

RANK	NAME	VALUE	% EQUITY	RETURN	INDUSTRY SECTOR	MKT CAP
1	HERC HOLDINGS INC	\$ 516,141	2.20%	7.1%	Industrials	\$ 5.0 B
2	GENCO SHIPPING & TRADING LTD	377,424	1.61%	52.4%	Industrials	1.0 B
3	TRIUMPH BANCORP INC	374,012	1.59%	-21.0%	Financials	2.4 B
4	RAMBUS INC	353,469	1.51%	8.5%	Information Technology	3.5 B
5	WINTRUST FINANCIAL CORP	350,811	1.49%	2.7%	Financials	5.3 B
6	POPULAR INC	345,106	1.47%	0.3%	Financials	6.3 B
7	CHAMPIONX CORP	337,041	1.44%	21.1%	Energy	5.0 B
8	META FINANCIAL GROUP INC	334,682	1.43%	-7.9%	Financials	1.6 B
9	TOWER SEMICONDUCTOR LTD	320,747	1.37%	22.0%	Information Technology	5.3 B
10	ALLSCRIPTS HEALTHCARE SOLUTI	307,195	1.31%	22.1%	Health Care	2.6 B



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's First Eagle International Value portfolio was valued at \$13,744,508, a decrease of \$3,701,398 from the December ending value of \$17,445,906. Last quarter, the account recorded total net withdrawals of \$3,537,739 in addition to \$163,659 in net investment losses. Because there were no income receipts during the first quarter, the portfolio's net investment losses were entirely made up of capital losses (realized and unrealized).

### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the First Eagle International Value portfolio lost 0.6%, which was 0.9% less than the MSCI AC World ex US Value Index's return of 0.3% and ranked in the 8th percentile of the International Equity universe. Over the trailing twelve-month period, this portfolio returned 3.9%, which was 0.1% below the benchmark's 4.0% return, and ranked in the 16th percentile. Since June 2018, the portfolio returned 6.4% per annum and ranked in the 33rd percentile. For comparison, the MSCI AC World ex US Value returned an annualized 4.5% over the same period.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
Qt	tr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/18
Total Portfolio - Gross	-0.6	3.9	7.9			6.4
INTERNATIONAL EQUITY RANK	(8)	(16)	(56)			(33)
Total Portfolio - Net	-0.8	3.1	7.1			5.5
ACWI ex US Value	0.3	4.0	6.1	5.3	4.8	4.5
International Equity - Gross	-0.6	3.9	7.9			6.4
INTERNATIONAL EQUITY RANK	(8)	(16)	(56)			(33)
ACWI ex US Value	0.3	4.0	6.1	5.3	4.8	4.5

ASSET ALLOCATION						
Int'l Equity	100.0%	\$ 13,744,508				
Total Portfolio	100.0%	\$ 13,744,508				

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 17,445,906

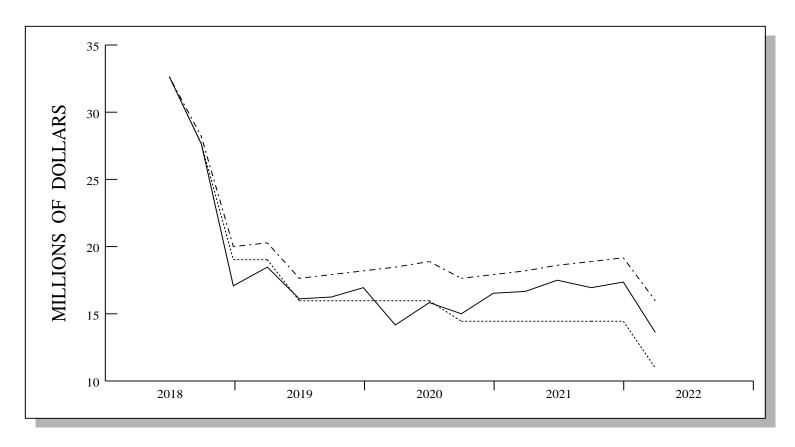
 Contribs / Withdrawals
 - 3,537,739

 Income
 0

 Capital Gains / Losses
 -163,659

 Market Value 3/2022
 \$ 13,744,508

### **INVESTMENT GROWTH**

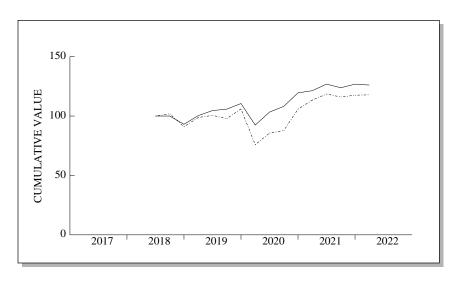


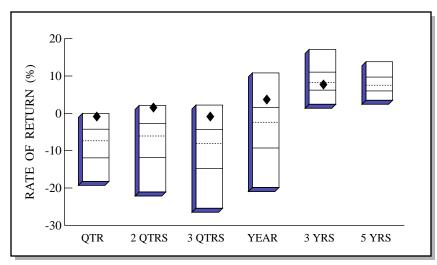
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING BLENDED RATE \$ 16,048,399

	LAST QUARTER	PERIOD 6/18 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 17,445,906 - 3,537,739 -163,659 \$ 13,744,508	\$ 32,766,649 -21,737,739 <u>2,715,598</u> \$ 13,744,508
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 0 \\ -163,659 \\ \hline -163,659 \end{array} $	$ \begin{array}{r} 0 \\ 2,715,598 \\ \hline 2,715,598 \end{array} $

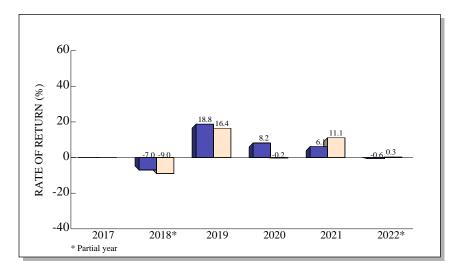
## TOTAL RETURN COMPARISONS





International Equity Universe



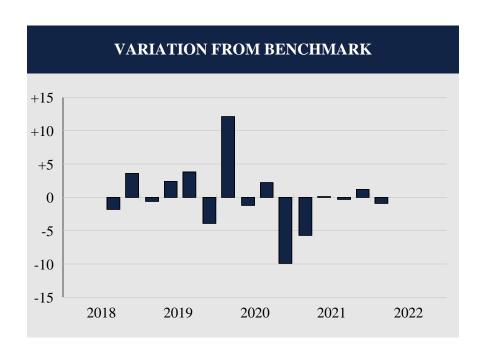


					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-0.6	1.8	-0.6	3.9	7.9	
(RANK)	(8)	(6)	(9)	(16)	(56)	
5TH %ILE	0.0	2.1	2.2	10.8	17.1	13.8
25TH %ILE	-4.3	-2.7	-4.3	1.6	11.1	9.7
MEDIAN	-7.4	-6.1	-8.1	-2.4	8.3	7.5
75TH %ILE	-11.9	-11.8	-14.8	-9.3	6.2	6.0
95TH %ILE	-18.2	-21.1	-25.4	-19.9	2.4	3.5
ACWI ex US V	0.3	1.6	-0.6	4.0	6.1	5.3

International Equity Universe

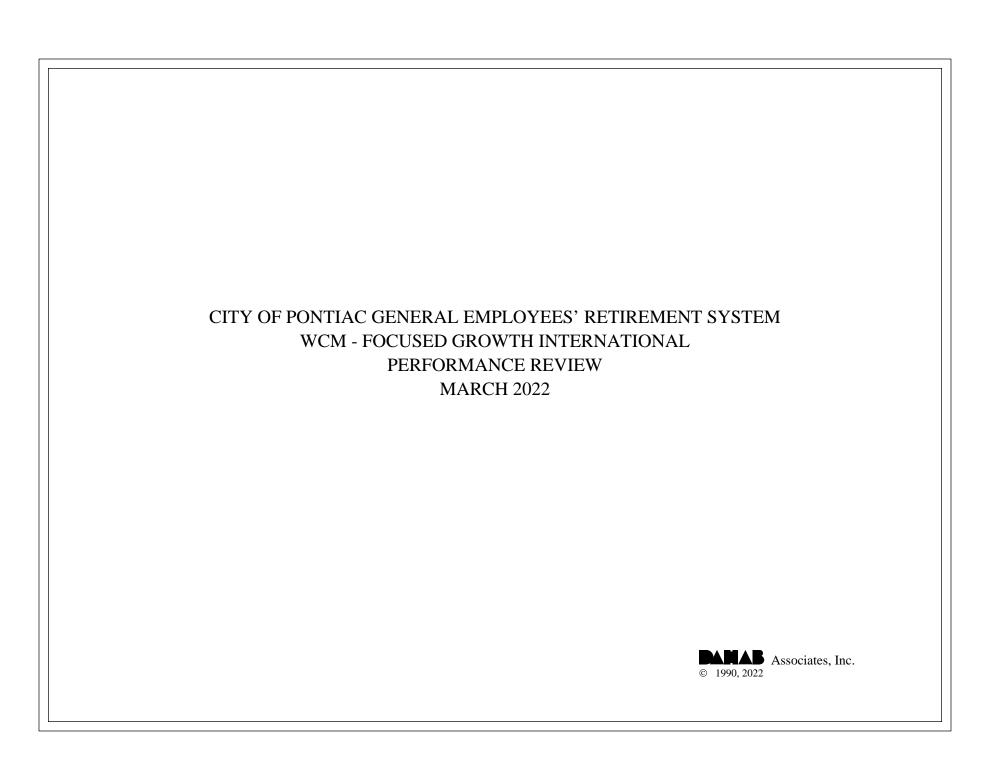
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: MSCI AC WORLD EX US VALUE



<b>Total Quarters Observed</b>	15
Quarters At or Above the Benchmark	7
<b>Quarters Below the Benchmark</b>	8
Batting Average	.467

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
9/18	0.0	1.8	-1.8			
12/18	-7.0	-10.6	3.6			
3/19	7.9	8.5	-0.6			
6/19	4.3	1.9	2.4			
9/19	1.1	-2.7	3.8			
12/19	4.4	8.3	-3.9			
3/20	-16.4	-28.5	12.1			
6/20	11.8	13.0	-1.2			
9/20	4.6	2.4	2.2			
12/20	10.6	20.5	-9.9			
3/21	1.5	7.2	-5.7			
6/21	4.6	4.5	0.1			
9/21	-2.4	-2.1	-0.3			
12/21	2.5	1.3	1.2			
3/22	-0.6	0.3	-0.9			



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's WCM Focused Growth International portfolio was valued at \$14,256,104, a decrease of \$6,763,553 from the December ending value of \$21,019,657. Last quarter, the account recorded total net withdrawals of \$3,546,532 in addition to \$3,217,021 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$14,489 and realized and unrealized capital losses totaling \$3,231,510.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the WCM Focused Growth International portfolio lost 15.9%, which was 10.5% less than the MSCI All Country World ex US Net Index's return of -5.4% and ranked in the 91st percentile of the International Equity universe. Over the trailing year, the portfolio returned 0.3%, which was 1.8% greater than the benchmark's -1.5% performance, and ranked in the 32nd percentile. Since September 2013, the account returned 12.6% per annum and ranked in the 1st percentile. For comparison, the MSCI All Country World ex US Net Index returned an annualized 4.8% over the same time frame.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
C	tr / YTD	1 Year	3 Year	5 Year	10 Year	Since 09/13	
Total Portfolio - Gross	-15.9	0.3	17.9	16.1		12.6	
INTERNATIONAL EQUITY RANK	(91)	(32)	(4)	(3)		(1)	
Total Portfolio - Net	-16.1	-0.5	17.0	15.2		11.8	
ACWI ex US Net	-5.4	-1.5	7.5	6.8	5.6	4.8	
International Equity - Gross	-15.9	0.3	17.9	16.1		12.6	
INTERNATIONAL EQUITY RANK	(91)	(32)	(4)	(3)		(1)	
ACWI ex US Net	-5.4	-1.5	7.5	6.8	5.6	4.8	

ASSET ALLOCATION							
Int'l Equity	100.0%	\$ 14,256,104					
Total Portfolio	100.0%	\$ 14,256,104					

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 21,019,657

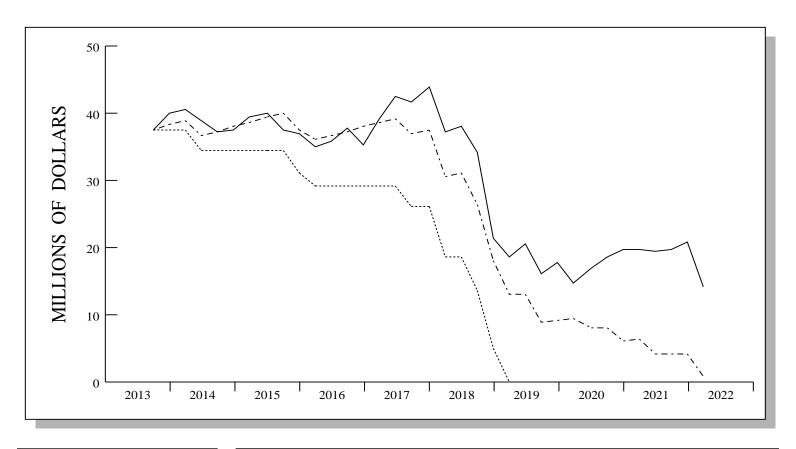
 Contribs / Withdrawals
 - 3,546,532

 Income
 14,489

 Capital Gains / Losses
 - 3,231,510

 Market Value 3/2022
 \$ 14,256,104

## **INVESTMENT GROWTH**

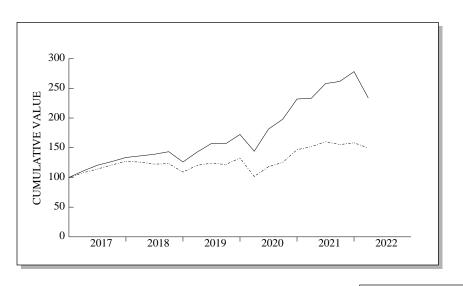


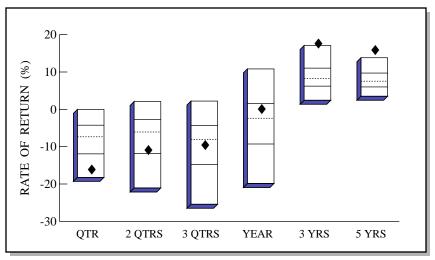
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 863,544

	LAST QUARTER	PERIOD 9/13 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 21,019,657 - 3,546,532 - 3,217,021 \$ 14,256,104	\$ 37,653,208 - 51,784,020 <u>28,386,916</u> \$ 14,256,104
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 14,489 \\ -3,231,510 \\ \hline -3,217,021 \end{array} $	3,488,098 24,898,818 28,386,916

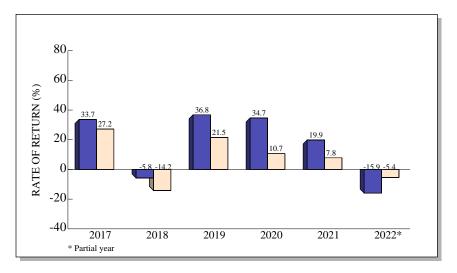
## TOTAL RETURN COMPARISONS





International Equity Universe



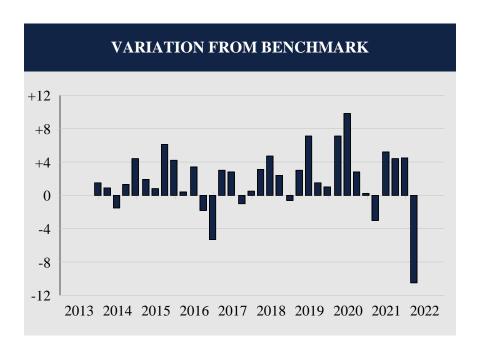


					ANNU <i>A</i>	ALIZED
	QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-15.9	-10.6	-9.4	0.3	17.9	16.1
(RANK)	(91)	(71)	(58)	(32)	(4)	(3)
5TH %ILE	0.0	2.1	2.2	10.8	17.1	13.8
25TH %ILE	-4.3	-2.7	-4.3	1.6	11.1	9.7
MEDIAN	-7.4	-6.1	-8.1	-2.4	8.3	7.5
75TH %ILE	-11.9	-11.8	-14.8	-9.3	6.2	6.0
95TH %ILE	-18.2	-21.1	-25.4	-19.9	2.4	3.5
ACWI ex US N	-5.4	-3.7	-6.6	-1.5	7.5	6.8

International Equity Universe

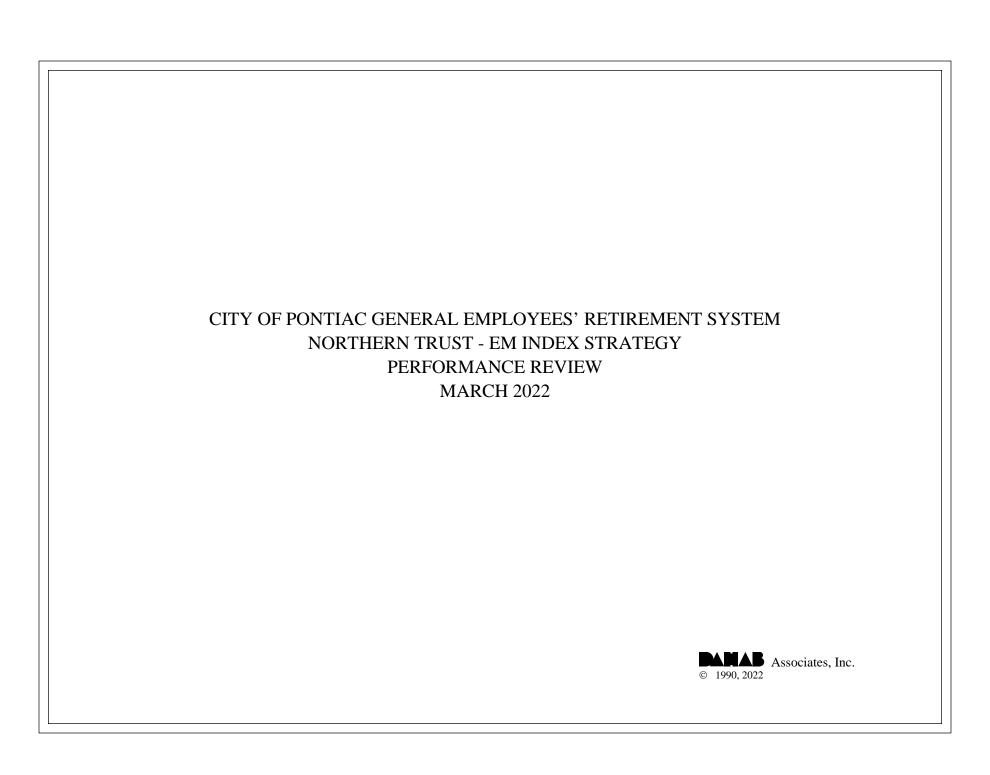
## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

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



<b>Total Quarters Observed</b>	34
Quarters At or Above the Benchmark	27
Quarters Below the Benchmark	7
<b>Batting Average</b>	.794

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/13	6.3	4.8	1.5			
3/14	1.4	0.5	0.9			
6/14 9/14	3.5 -4.0	5.0 -5.3	-1.5 1.3			
12/14	0.5	-3.9	4.4			
3/15	5.4	3.5	1.9			
6/15	1.3	0.5	0.8			
9/15 12/15	-6.1 7.4	-12.2 3.2	6.1 4.2			
3/16	0.0	-0.4	0.4			
6/16	2.8	-0.6	3.4			
9/16	5.1	6.9	-1.8			
12/16	-6.6	-1.3	-5.3			
3/17 6/17	10.9 8.6	7.9 5.8	3.0 2.8			
9/17	5.2	6.2	-1.0			
12/17	5.5	5.0	0.5			
3/18	1.9	-1.2	3.1			
6/18 9/18	2.1 3.1	-2.6 0.7	4.7 2.4			
12/18	-12.1	-11.5	-0.6			
3/19	13.3	10.3	3.0			
6/19	10.1	3.0	7.1			
9/19 12/19	-0.3 9.9	-1.8 8.9	1.5 1.0			
3/20	-16.3	-23.4	7.1			
6/20	25.9	16.1	9.8			
9/20 12/20	9.1 17.2	6.3 17.0	2.8 0.2			
3/21	0.5	3.5	-3.0			
6/21	10.7	5.5 5.5	5.2			
9/21	1.4	-3.0	4.4			
12/21	6.3	1.8	4.5			
3/22	-15.9	-5.4	-10.5			



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Northern Trust EM Index Strategy portfolio was valued at \$6,736,567, a decrease of \$545,991 from the December ending value of \$7,282,558. Last quarter, the account recorded no net contributions or withdrawals, while recording a net investment loss for the quarter of \$545,991. Since there were no income receipts for the first quarter, net investment losses were the result of capital losses (realized and unrealized).

#### **RELATIVE PERFORMANCE**

#### **Total Fund**

During the first quarter, the Northern Trust EM Index Strategy portfolio lost 7.5%, which was 0.6% less than the MSCI Emerging Market Index's return of -6.9% and ranked in the 50th percentile of the Emerging Markets universe. Over the trailing year, the portfolio returned -12.2%, which was 1.1% less than the benchmark's -11.1% performance, and ranked in the 59th percentile. Since December 2018, the account returned 7.3% per annum and ranked in the 71st percentile. For comparison, the MSCI Emerging Markets returned an annualized 8.0% over the same time frame.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/18	
Total Portfolio - Gross	-7.5	-12.2	4.5			7.3	
EMERGING MARKETS RANK	(50)	(59)	(78)			(71)	
Total Portfolio - Net	-7.5	-12.3	4.4			7.2	
MSCI Emg Mkts	-6.9	-11.1	5.3	6.4	3.7	8.0	
<b>Emerging Markets Equity - Gross</b>	-7.5	-12.2	4.5			7.3	
EMERGING MARKETS RANK	(50)	(59)	(78)			(71)	
MSCI Emg Mkts	-6.9	-11.1	5.3	6.4	3.7	8.0	

ASSET A	ASSET ALLOCATION							
Emerging Markets	100.0%	\$ 6,736,567						
Total Portfolio	100.0%	\$ 6,736,567						

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 7,282,558

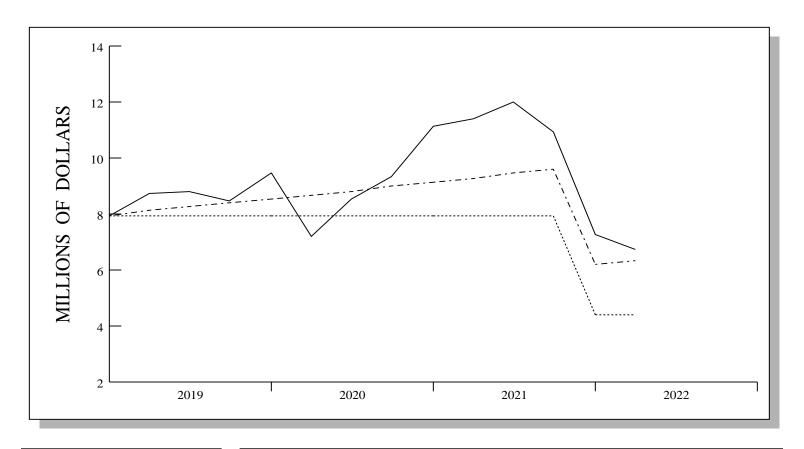
 Contribs / Withdrawals
 0

 Income
 0

 Capital Gains / Losses
 -545,991

 Market Value 3/2022
 \$ 6,736,567

## **INVESTMENT GROWTH**

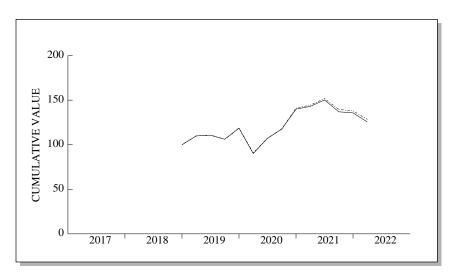


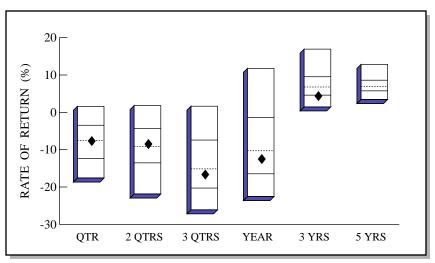
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 6,356,477

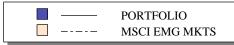
	LAST QUARTER	PERIOD 12/18 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{c} \$ 7,282,558 \\ 0 \\ -545,991 \\ \$ 6,736,567 \end{array} $	\$ 7,997,807 - 3,537,739 <u>2,276,499</u> \$ 6,736,567
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	0 -545,991 -545,991	$ \begin{array}{c} 0 \\ 2,276,499 \\ \hline 2,276,499 \end{array} $

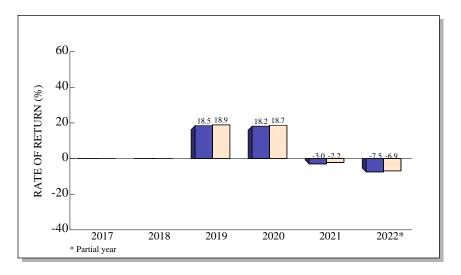
## TOTAL RETURN COMPARISONS





Emerging Markets Universe





					ANNU <i>A</i>	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-7.5	-8.3	-16.4	-12.2	4.5	
(RANK)	(50)	(45)	(58)	(59)	(78)	
5TH %ILE	1.6	1.8	1.6	11.8	16.9	12.8
25TH %ILE	-3.5	-4.3	-7.4	-1.4	9.5	8.6
MEDIAN	-7.5	-9.1	-15.2	-10.3	6.8	6.9
75TH %ILE	-12.4	-13.5	-20.3	-16.5	4.6	5.7
95TH %ILE	-17.6	-21.9	-26.1	-22.6	1.5	3.4
MSCI EM	-6.9	-8.1	-15.4	-11.1	5.3	6.4

**Emerging Markets Universe** 

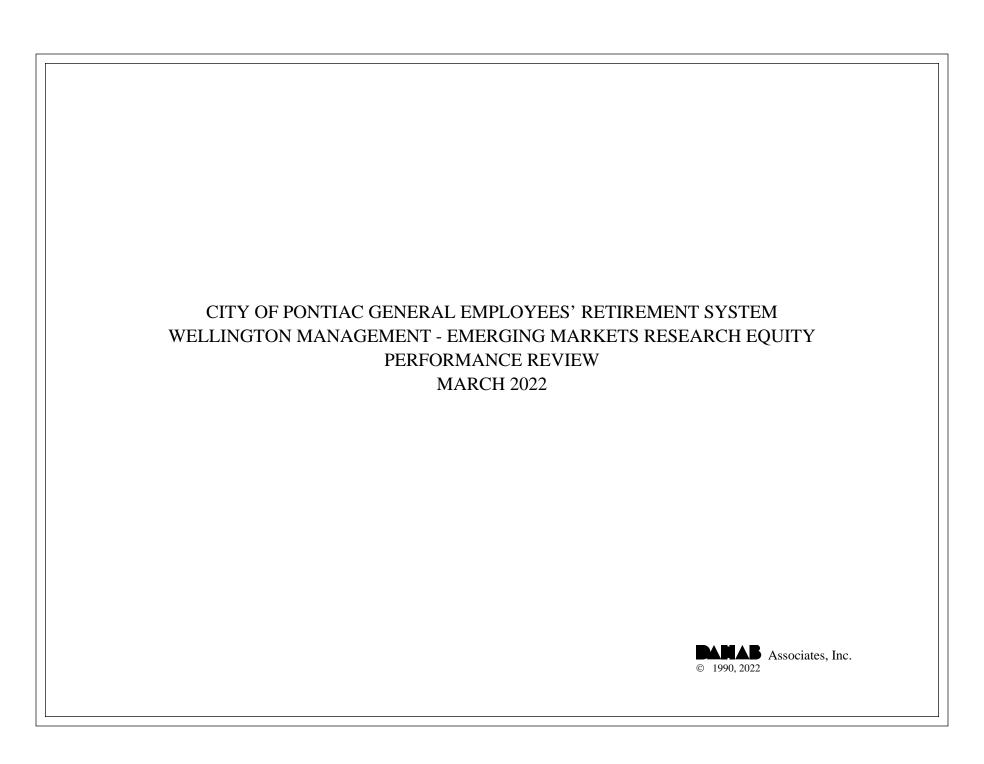
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS



Total Quarters Observed	13
Quarters At or Above the Benchmark	3
<b>Quarters Below the Benchmark</b>	10
Batting Average	.231

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
3/19	9.9	10.0	-0.1			
6/19	0.8	0.7	0.1			
9/19	-4.2	-4.1	-0.1			
12/19	11.6	11.9	-0.3			
3/20	-23.9	-23.6	-0.3			
6/20	18.9	18.2	0.7			
9/20	9.6	9.7	-0.1			
12/20	19.2	19.8	-0.6			
3/21	2.2	2.3	-0.1			
6/21	5.0	5.1	-0.1			
9/21	-8.8	-8.0	-0.8			
12/21	-0.9	-1.2	0.3			
3/22	-7.5	-6.9	-0.6			
ı						



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Wellington Management Emerging Markets Research Equity portfolio was valued at \$10,668,001, a decrease of \$5,025,365 from the December ending value of \$15,693,366. Last quarter, the account recorded total net withdrawals of \$3,599,073 in addition to \$1,426,292 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$61,334 and realized and unrealized capital losses totaling \$1,487,626.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Wellington Management Emerging Markets Research Equity portfolio lost 11.3%, which was 4.4% less than the MSCI Emerging Market Index's return of -6.9% and ranked in the 69th percentile of the Emerging Markets universe. Over the trailing year, the portfolio returned -15.5%, which was 4.4% less than the benchmark's -11.1% performance, and ranked in the 73rd percentile. Since December 2018, the account returned 6.8% per annum and ranked in the 79th percentile. For comparison, the MSCI Emerging Markets returned an annualized 8.0% over the same time frame.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/18
Total Portfolio - Gross	-11.3	-15.5	3.4			6.8
EMERGING MARKETS RANK	(69)	(73)	(88)			(79)
Total Portfolio - Net	-11.4	-15.9	2.9			6.3
MSCI Emg Mkts	-6.9	-11.1	5.3	6.4	3.7	8.0
<b>Emerging Markets Equity - Gross</b>	-11.3	-15.5	3.4			6.8
EMERGING MARKETS RANK	(69)	(73)	(88)			(79)
MSCI Emg Mkts	-6.9	-11.1	5.3	6.4	3.7	8.0

ASSET ALLOCATION					
Emerging Markets	100.0%	\$ 10,668,001			
Total Portfolio	100.0%	\$ 10,668,001			

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 15,693,366

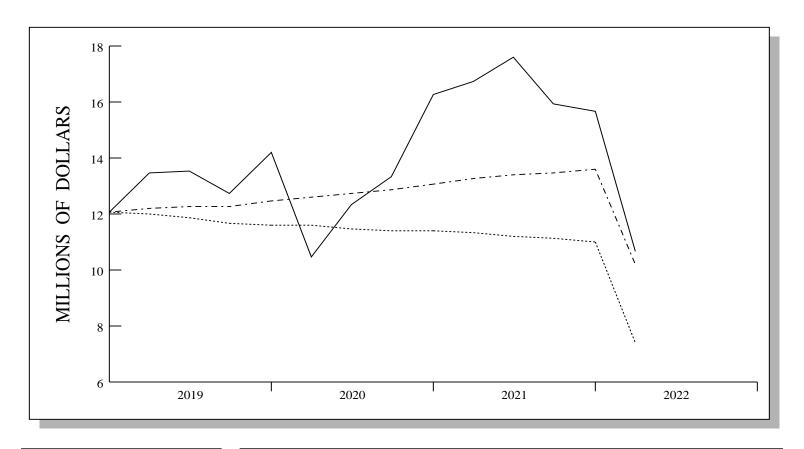
 Contribs / Withdrawals
 - 3,599,073

 Income
 61,334

 Capital Gains / Losses
 - 1,487,626

 Market Value 3/2022
 \$ 10,668,001

## **INVESTMENT GROWTH**

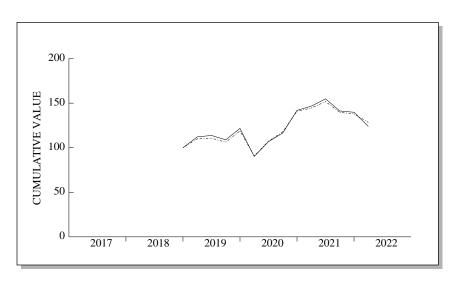


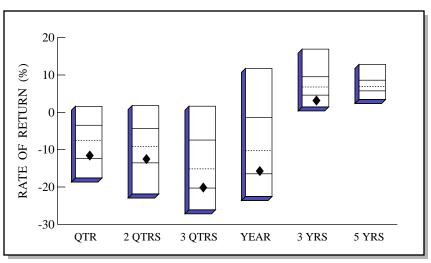
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 10,238,523

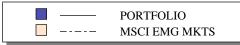
	LAST QUARTER	PERIOD 12/18 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 15,693,366 - 3,599,073 - 1,426,292 \$ 10,668,001	\$ 12,075,059 - 4,621,440 3,214,382 \$ 10,668,001
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	61,334 -1,487,626 -1,426,292	$ \begin{array}{r} 1,056,778 \\ 2,157,604 \\ \hline 3,214,382 \end{array} $

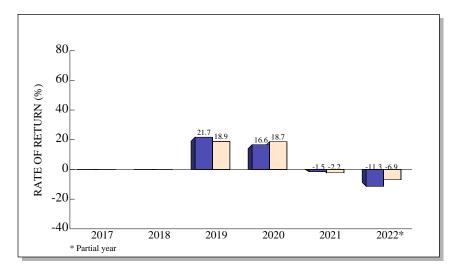
## TOTAL RETURN COMPARISONS





Emerging Markets Universe



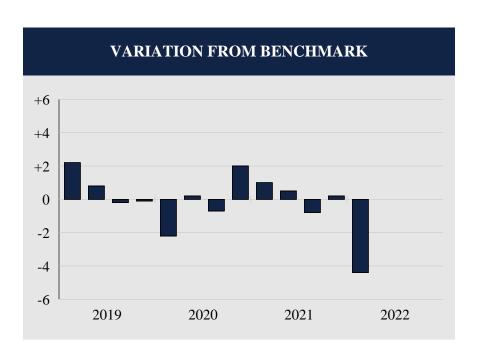


					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR_	3 YRS	5 YRS
RETURN	-11.3	-12.2	-20.0	-15.5	3.4	
(RANK)	(69)	(66)	(74)	(73)	(88)	
5TH %ILE	1.6	1.8	1.6	11.8	16.9	12.8
25TH %ILE	-3.5	-4.3	-7.4	-1.4	9.5	8.6
MEDIAN	-7.5	-9.1	-15.2	-10.3	6.8	6.9
75TH %ILE	-12.4	-13.5	-20.3	-16.5	4.6	5.7
95TH %ILE	-17.6	-21.9	-26.1	-22.6	1.5	3.4
MSCI EM	-6.9	-8.1	-15.4	-11.1	5.3	6.4

**Emerging Markets Universe** 

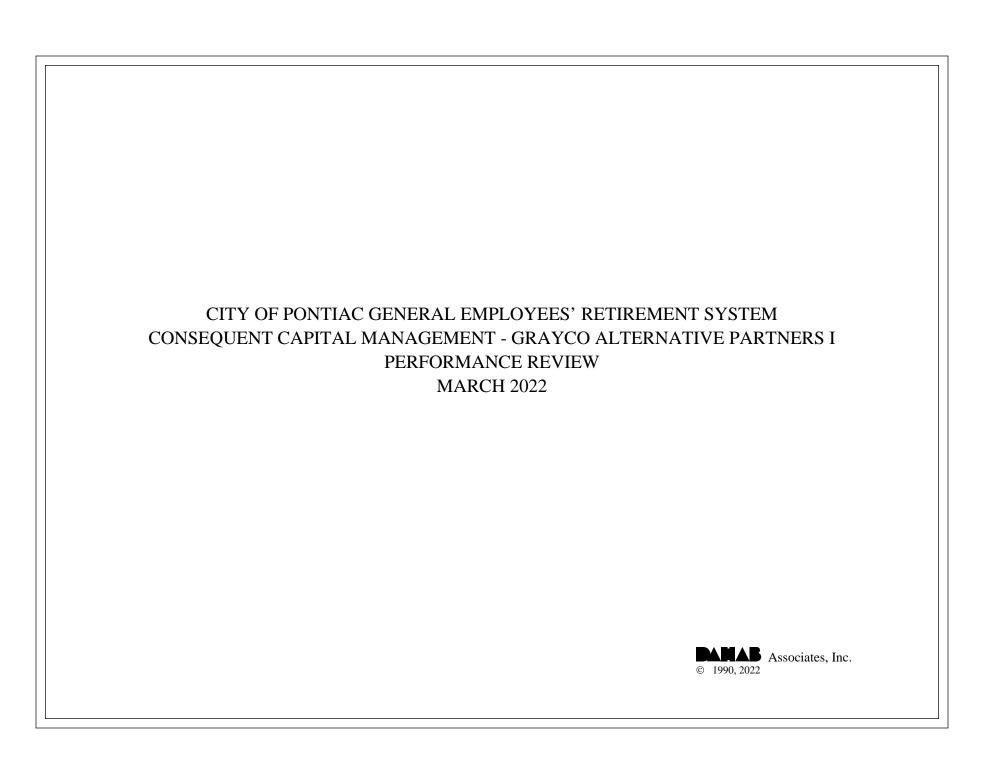
## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: MSCI EMERGING MARKETS



Total Quarters Observed	13
Quarters At or Above the Benchmark	7
<b>Quarters Below the Benchmark</b>	6
Batting Average	.538

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
3/19	12.2	10.0	2.2			
6/19	1.5	0.7	0.8			
9/19	-4.3	-4.1	-0.2			
12/19	11.8	11.9	-0.1			
3/20	-25.8	-23.6	-2.2			
6/20	18.4	18.2	0.2			
9/20	9.0	9.7	-0.7			
12/20	21.8	19.8	2.0			
3/21	3.3	2.3	1.0			
6/21	5.6	5.1	0.5			
9/21	-8.8	-8.0	-0.8			
12/21	-1.0	-1.2	0.2			
3/22	-11.3	-6.9	-4.4			



### **INVESTMENT RETURN**

The December 2021 and March 2022 statements were not available at the time of this report.

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Consequent Capital Management GrayCo Alternative Partners I portfolio was valued at \$4,460,898.

### **RELATIVE PERFORMANCE**

### **Total Fund**

The Cambridge US Private Equity Index return was not yet available for the quarter. A flat return of 0% was assumed for the index.

Over the trailing year, the account returned 4.3%, which was 23.7% less than the benchmark's 28.0% performance. Since March 2012, the account returned 3.7% on an annualized basis, while the Cambridge US Private Equity returned an annualized 16.2% over the same period.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY					
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year
Total Portfolio - Gross	0.0	4.3	-2.0	2.3	3.7
Total Portfolio - Net	0.0	3.8	-2.8	1.4	2.6
Cambridge PE	0.0	28.0	23.6	19.9	16.2
<b>Private Equity - Gross</b>	0.0	4.3	-2.0	2.3	3.7
Cambridge PE	0.0	28.0	23.6	19.9	16.2

ASSET A	ASSET ALLOCATION						
Private Equity	100.0%	\$ 4,460,898					
Total Portfolio	100.0%	\$ 4,460,898					

## INVESTMENT RETURN

Market Value 12/2021	\$ 4,460,898
Contribs / Withdrawals	0
Income	0
Capital Gains / Losses	0
Market Value 3/2022	\$ 4,460,898

## **EXECUTIVE SUMMARY - USING LAGGED DATA**

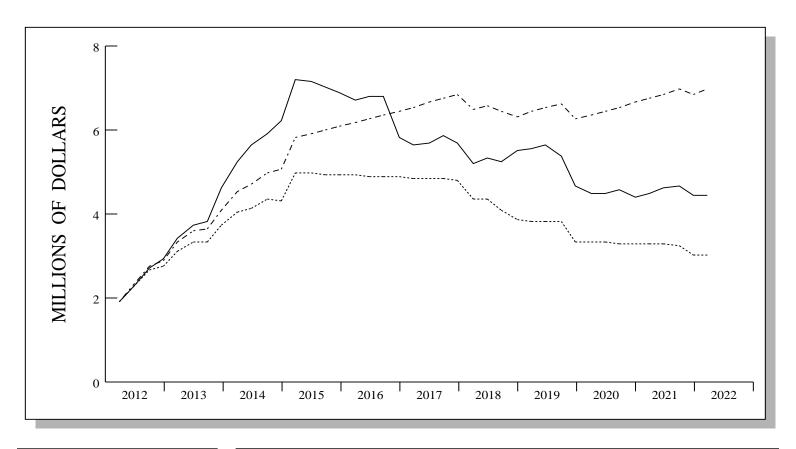
PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/12
Total Portfolio - Gross	0.0	6.5	-1.7	1.7		3.8
Total Portfolio - Net	0.0	5.7	-2.6	0.8		2.7
Cambridge PE (Lag)	5.3	40.9	25.6	20.8	16.8	16.7
<b>Private Equity - Gross</b>	0.0	6.5	-1.7	1.7		3.8
Cambridge PE (Lag)	5.3	40.9	25.6	20.8	16.8	16.7

ASSET ALLOCATION						
Private Equity	100.0%	\$ 4,460,898				
Total Portfolio	100.0%	\$ 4,460,898				

# INVESTMENT RETURN

Market Value 12/2021	\$ 4,690,783
Contribs / Withdrawals	-229,885
Income	0
Capital Gains / Losses	0
Market Value 3/2022	\$ 4,460,898

## **INVESTMENT GROWTH**



----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 6,987,179

	LAST QUARTER	PERIOD 3/12 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{c} \$ \ 4,460,898 \\ 0 \\ 0 \\ \hline \$ \ 4,460,898 \end{array} $	\$ 1,931,469 1,120,352 1,409,077 \$ 4,460,898
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	0	1,409,077 1,409,077

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

COMPARATIVE BENCHMARK: CAMBRIDGE US PRIVATE EQUITY



Total Quarters Observed	40
Quarters At or Above the Benchmark	9
<b>Quarters Below the Benchmark</b>	31
Batting Average	.225

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/12	-2.1	-0.1	-2.0			
9/12	3.0	3.7	-0.7			
12/12	6.1	3.8	2.3			
3/13	3.1	4.6	-1.5			
6/13	2.4	3.1	-0.7			
9/13	2.9	5.2	-2.3			
12/13	10.3	7.0	3.3			
3/14	6.0	3.1	2.9			
6/14	5.5	5.5	0.0			
9/14	1.4	1.5	-0.1			
12/14	5.6	0.9	4.7			
3/15	4.6	2.6	2.0			
6/15	0.0	3.9	-3.9			
9/15	-2.0	-1.4	-0.6			
12/15	-1.7	0.6	-2.3			
3/16	-1.8	0.0	-1.8			
6/16	1.5	4.1	-2.6			
9/16	-0.1	4.0	-4.1			
12/16	-14.1	4.7	-18.8			
3/17	-2.7	4.0	-6.7			
6/17	1.0	3.7	-2.7			
9/17	3.1	4.0	-0.9			
12/17	-2.7	5.2	-7.9			
3/18	0.2	2.8	-2.6			
6/18	2.9	5.3	-2.4			
9/18	2.2	3.8	-1.6			
12/18	10.4	-2.0	12.4			
3/19	0.9	4.8	-3.9			
6/19	1.4	3.4	-2.0			
9/19	-4.1	1.3	-5.4			
12/19	-4.9	3.8	-8.7			
3/20	-4.1	-10.1	6.0			
6/20	1.2	9.4	-8.2			
9/20	2.1	11.8	-9.7			
12/20	-3.5	12.2	-15.7			
3/21	2.1	10.0	-7.9			
6/21	2.9	14.8	-11.9			
9/21	1.3	6.0	-4.7			
12/21	0.0	5.3	-5.3			
3/22	0.0	0.0	0.0			

# Private Equity Investor Report Consequent - GrayCo Alternative Partners I

 Net IRR Since Inception:
 1.75%
 Report as of:

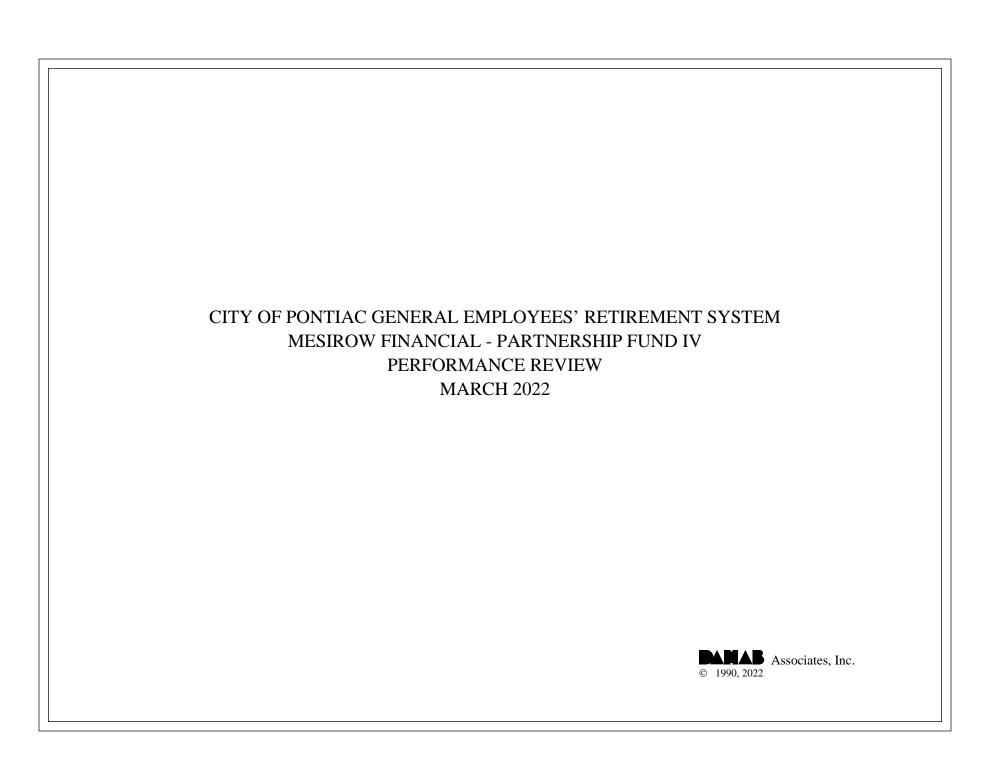
 Market Value:
 \$ 4,460,898
 3/31/2022

 Total Commitment:
 \$ 6,000,000
 Last Statement:

 Unfunded Commitment:
 \$ 746,557
 9/30/2021

The remaining committment will not be called.

Quarter	C	amaameni waa no C <mark>apital Calls</mark>	,,,,,	<b>Distributions</b>		Fees
<u> </u>			Φ	Distributions	¢	' <u></u>
1Q 2012	\$	1,997,816	\$	-	\$	22,663
2Q 2012	\$	392,928	\$	-	\$	15,000
3Q 2012	\$	410,345	\$	-	\$	15,000
4Q 2012	\$	76,384	\$	-	\$	15,000
1Q 2013	\$	401,449	\$	-	\$	15,000
2Q 2013	\$	218,391	\$	-	\$	15,000
3Q 2013	\$	-	\$	-	\$	15,000
4Q 2013	\$	412,644	\$	-	\$	15,000
1Q 2014	\$	354,023	\$	-	\$	15,000
2Q 2014	\$	114,943	\$	-	\$	15,000
3Q 2014	\$	206,897	\$	-	\$	15,000
4Q 2014	\$	-	\$	-	\$	15,000
1Q 2015	\$	667,623	\$	-	\$	15,000
2Q 2015	\$	-	\$	-	\$	15,000
3Q 2015	\$	-	\$	-	\$	15,000
4Q 2015	\$	-	\$	-	\$	15,000
Year 2016	\$	-	\$	-	\$	60,000
Year 2017	\$	-	\$	-	\$	59,310
Year 2018	\$	-	\$	919,541	\$	50,029
Year 2019	\$	-	\$	459,770	\$	48,952
Year 2020	\$	-	\$	-	\$	48,224
Year 2021	\$		\$	229,885	\$	34,564
Total	\$	5,253,443	\$	1,609,196	\$	548,742



#### **INVESTMENT RETURN**

The December 2021 and March 2022 statements were not available at the time of this report. The most recent valuation has been adjusted for flows and a flat return of 0% was assumed.

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Mesirow Financial Partnership Fund IV portfolio was valued at \$1,353,125, a decrease of \$80,000 from the December ending value of \$1,433,125. Last quarter, the account recorded total net withdrawals of \$80,000 in contrast to flat net investment returns.

### RELATIVE PERFORMANCE

#### **Total Fund**

The Cambridge US Private Equity Index return was not yet available for the quarter. A flat return of 0% was assumed for the index.

Over the trailing year, the portfolio returned 21.9%, which was 6.1% less than the benchmark's 28.0% performance. Since March 2007, the Mesirow Financial Partnership Fund IV portfolio returned 12.4% annualized, while the Cambridge US Private Equity returned an annualized 13.1% over the same time frame.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY										
Qtr/YTD 1 Year 3 Year 5 Year 10 Year Since 03/07										
Total Portfolio - Gross	0.0	21.9	27.4	20.9	17.8	12.4				
Total Portfolio - Net	0.0	21.0	26.1	19.6	16.2	8.9				
Cambridge PE	0.0	28.0	23.6	19.9	16.2	13.1				
<b>Private Equity - Gross</b>	0.0	21.9	27.4	20.9	17.8	12.4				
Cambridge PE	0.0	28.0	23.6	19.9	16.2	13.1				

ASSET ALLOCATION						
Private Equity	100.0%	\$ 1,353,125				
Total Portfolio	100.0%	\$ 1,353,125				

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 1,433,125

 Contribs / Withdrawals
 - 80,000

 Income
 0

 Capital Gains / Losses
 0

 Market Value 3/2022
 \$ 1,353,125

## **EXECUTIVE SUMMARY - USING LAGGED DATA**

PERFORMANCE SUMMARY									
Qtr/YTD 1 Year 3 Year 5 Year 10 Year Since 06/07									
Total Portfolio - Gross	0.0	30.1	29.2	21.7	18.3	12.7			
Total Portfolio - Net	-0.3	28.8	27.8	20.5	16.5	9.1			
Cambridge PE (Lag)	5.3	40.9	25.6	20.8	16.8	13.3			
Private Equity - Gross	0.0	30.1	29.2	21.7	18.3	12.7			
Cambridge PE (Lag)	5.3	40.9	25.6	20.8	16.8	13.3			

ASSET ALLOCATION						
Private Equity	100.0%	\$ 1,433,125				
Total Portfolio	100.0%	\$ 1,433,125				

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 1,798,504

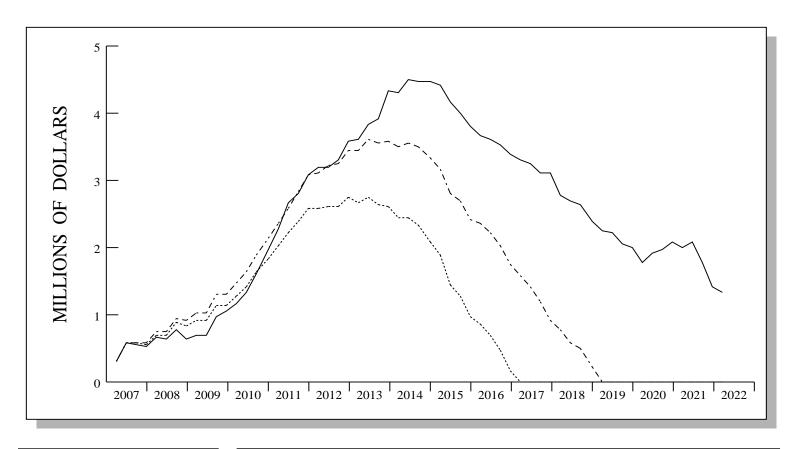
 Contribs / Withdrawals
 -365,379

 Income
 0

 Capital Gains / Losses
 0

 Market Value 3/2022
 \$ 1,433,125

## **INVESTMENT GROWTH**



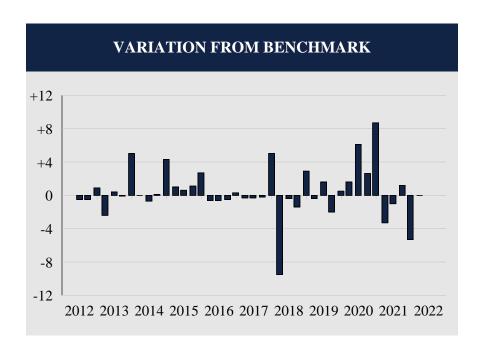
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ -2,622,744

	LAST QUARTER	PERIOD 3/07 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 1,433,125 -80,000 0 \$ 1,353,125	\$ 315,118 - 4,460,954 <u>5,498,961</u> \$ 1,353,125
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	0 0	25,752 5,473,209 5,498,961

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

COMPARATIVE BENCHMARK: CAMBRIDGE US PRIVATE EQUITY



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

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
6/12	-0.6	-0.1	-0.5			
9/12	3.2	3.7	-0.5			
12/12	4.7	3.8	0.9			
3/13	2.2	4.6	-2.4			
6/13	3.5	3.1	0.4			
9/13	5.1	5.2	-0.1			
12/13	12.0	7.0	5.0			
3/14	3.1	3.1	0.0			
6/14	4.8	5.5	-0.7			
9/14	1.6	1.5	0.1			
12/14	5.2	0.9	4.3			
3/15	3.6	2.6	1.0			
6/15	4.5	3.9	0.6			
9/15	-0.3	-1.4	1.1			
12/15	3.3	0.6	2.7			
3/16	-0.6	0.0	-0.6			
6/16	3.5	4.1	-0.6			
9/16	3.5	4.0	-0.5			
12/16	5.0	4.7	0.3			
3/17	3.7	4.0	-0.3			
6/17	3.4	3.7	-0.3			
9/17	3.8	4.0	-0.2			
12/17	10.2	5.2	5.0			
3/18	-6.7	2.8	-9.5			
6/18	4.9	5.3	-0.4			
9/18	2.4	3.8	-1.4			
12/18	0.9	-2.0	2.9			
3/19	4.4	4.8	-0.4			
6/19	5.0	3.4	1.6			
9/19	-0.7	1.3	-2.0			
12/19	4.3	3.8	0.5			
3/20	-8.5	-10.1	1.6			
6/20	15.5	9.4	6.1			
9/20	14.4	11.8	2.6			
12/20	20.9	12.2	8.7			
3/21	6.7	10.0	-3.3			
6/21	13.8	14.8	-1.0			
9/21	7.2	6.0	1.2			
12/21	0.0	5.3	-5.3			
3/22	0.0	0.0	0.0			

# Private Equity Investor Report Mesirow Partnership Fund IV

 Net IRR Since Inception:
 11.27%
 Report as of:

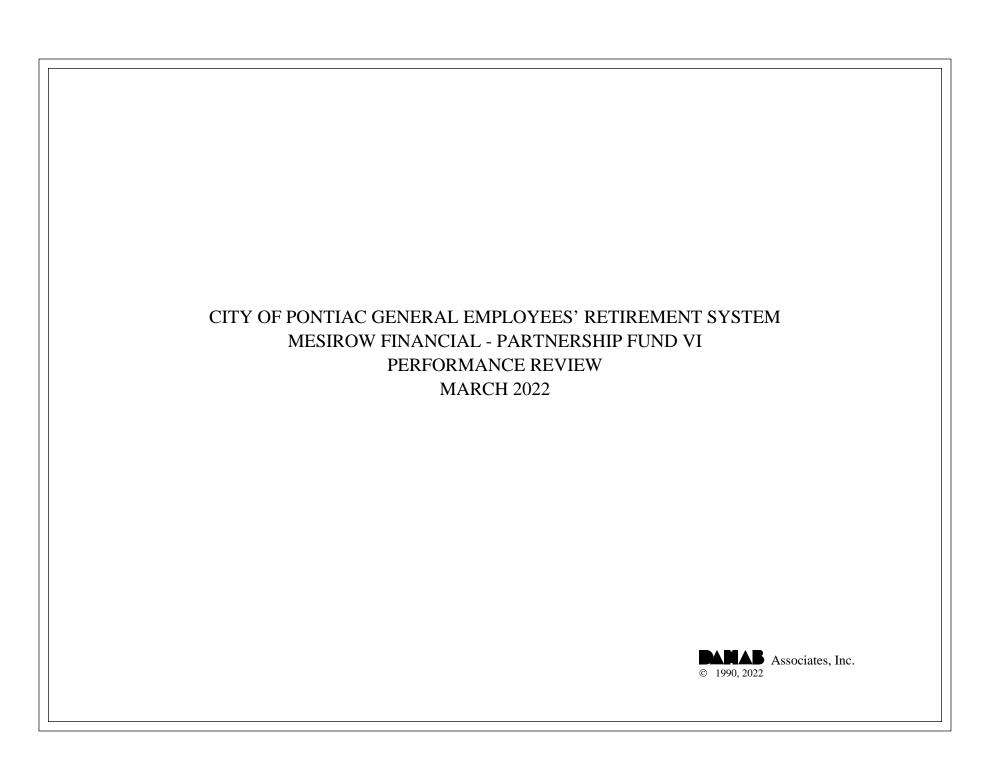
 Market Value:
 \$ 1,353,125
 3/31/2022

 Total Commitment:
 \$ 5,000,000
 Last Statement:

 Unfunded Commitment:
 \$ 175,000
 9/30/2021

			<u>]</u>	<u>Interest</u>	
<u>Year</u>	 Capital Calls	<b>Distributions</b>	Recei	ved / (Paid)	<b>Fees</b>
2007	\$ 650,000	\$ -	\$	(3,682)	\$ 55,753
2008	\$ 350,000	\$ -	\$	25,752	\$ 50,000
2009	\$ 350,000	\$ -	\$	-	\$ 50,000
2010	\$ 750,000	\$ -	\$	-	\$ 50,000
2011	\$ 800,000	\$ -	\$	-	\$ 50,000
2012	\$ 400,000	\$ 200,000	\$	-	\$ 50,000
2013	\$ 350,000	\$ 425,000	\$	-	\$ 50,000
2014	\$ 650,000	\$ 1,125,000	\$	-	\$ 45,000
2015	\$ 200,000	\$ 1,275,000	\$	-	\$ 40,500
2016	\$ 125,000	\$ 898,720	\$	-	\$ 36,448
2017	\$ 100,000	\$ 1,023,898	\$	-	\$ 32,800
2018	\$ 25,000	\$ 723,824	\$	-	\$ 29,520
2019	\$ -	\$ 655,000	\$	-	\$ 26,568
2020	\$ 50,000	\$ 690,000	\$	-	\$ 23,908
2021	\$ 25,000	\$ 1,220,000	\$	-	\$ 21,516
2022	\$ -	\$ 80,000	\$		n/a*
Total	\$ 4,825,000	\$ 8,316,442	\$	22,070	\$ 612,013

<sup>\*</sup>Fees for 2022 have not yet been called.



#### **INVESTMENT RETURN**

The December 2021 and March 2022 statements were not available at the time of this report. The most recent valuation has been adjusted for flows and a flat return of 0% was assumed.

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Mesirow Financial Partnership Fund VI portfolio was valued at \$4,433,545, a decrease of \$219,000 from the December ending value of \$4,652,545. Last quarter, the account recorded total net withdrawals of \$219,000 in contrast to flat net investment returns.

### **RELATIVE PERFORMANCE**

#### **Total Fund**

The Cambridge US Private Equity Index return was not yet available for the quarter. A flat return of 0% was assumed for the index.

Over the trailing year, the portfolio returned 25.6%, which was 2.4% below the benchmark's 28.0% return. Since June 2013, the portfolio returned 21.6% annualized, while the Cambridge US Private Equity returned an annualized 16.7% over the same period.

## **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/13
Total Portfolio - Gross	0.0	25.6	38.3	31.6		21.6
Total Portfolio - Net	0.0	25.1	37.3	30.3		15.1
Cambridge PE	0.0	28.0	23.6	19.9	16.2	16.7
<b>Private Equity - Gross</b>	0.0	25.6	38.3	31.6		21.6
Cambridge PE	0.0	28.0	23.6	19.9	16.2	16.7

ASSET ALLOCATION						
Private Equity	100.0%	\$ 4,433,545				
Total Portfolio	100.0%	\$ 4,433,545				

# INVESTMENT RETURN

Market Value 12/2021	\$ 4,652,545
Contribs / Withdrawals	-219,000
Income	0
Capital Gains / Losses	0
Market Value 3/2022	\$ 4,433,545

## **EXECUTIVE SUMMARY - USING LAGGED DATA**

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 09/13
Total Portfolio - Gross	0.0	49.1	40.9	32.8		22.3
Total Portfolio - Net	-0.1	48.4	39.8	31.2		15.6
Cambridge PE (Lag)	5.3	40.9	25.6	20.8	16.8	17.3
<b>Private Equity - Gross</b>	0.0	49.1	40.9	32.8		22.3
Cambridge PE (Lag)	5.3	40.9	25.6	20.8	16.8	17.3

ASSET ALLOCATION						
Private Equity	100.0%	\$ 4,652,545				
Total Portfolio	100.0%	\$ 4,652,545				

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 5,132,545

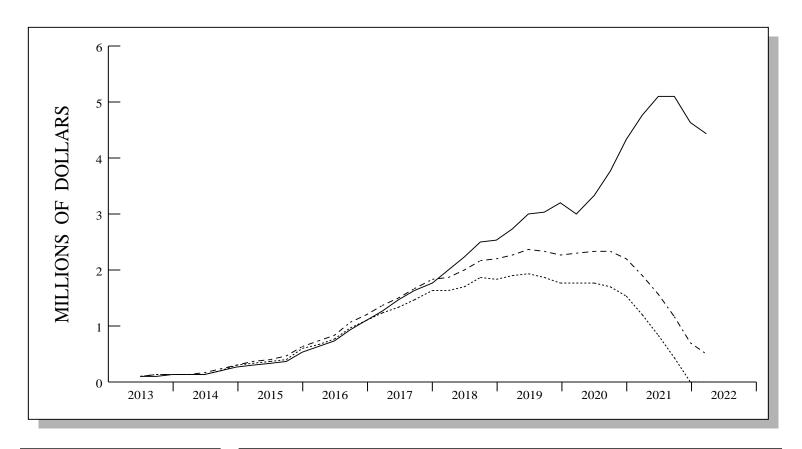
 Contribs / Withdrawals
 -480,000

 Income
 0

 Capital Gains / Losses
 0

 Market Value 3/2022
 \$ 4,652,545

## **INVESTMENT GROWTH**



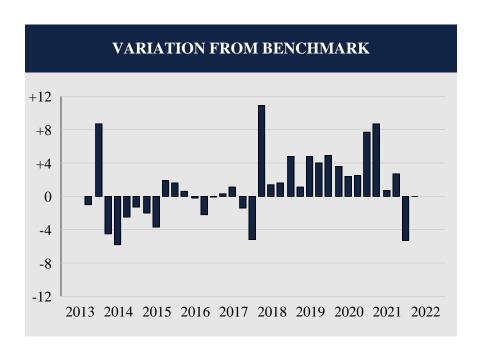
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 517,578

	LAST QUARTER	PERIOD 6/13 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 4,652,545 -219,000 \overline{0} \$ 4,433,545	\$ 120,000 -382,930 4,696,475 \$ 4,433,545
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	0 0 0	$ \begin{array}{r} 0 \\  \underline{-4,696,475} \\  4,696,475 \end{array} $

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

## COMPARATIVE BENCHMARK: CAMBRIDGE US PRIVATE EQUITY



<b>Total Quarters Observed</b>	35
Quarters At or Above the Benchmark	22
<b>Quarters Below the Benchmark</b>	13
<b>Batting Average</b>	.629

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/13	4.2	5.2	-1.0		
12/13	15.7	7.0	8.7		
3/14	-1.4	3.1	-4.5		
6/14	-0.3	5.5	-5.8		
9/14	-1.0	1.5	-2.5		
12/14	-0.4	0.9	-1.3		
3/15	0.6	2.6	-2.0		
6/15	0.2	3.9	-3.7		
9/15	0.5	-1.4	1.9		
12/15	2.2	0.6	1.6		
3/16	0.6	0.0	0.6		
6/16	3.9	4.1	-0.2		
9/16	1.8	4.0	-2.2		
12/16	4.6	4.7	-0.1		
3/17	4.3	4.0	0.3		
6/17	4.8	3.7	1.1		
9/17	2.6	4.0	-1.4		
12/17	0.0	5.2	-5.2		
3/18	13.7	2.8	10.9		
6/18	6.7	5.3	1.4		
9/18	5.4	3.8	1.6		
12/18	2.8	-2.0	4.8		
3/19	5.9	4.8	1.1		
6/19	8.2	3.4	4.8		
9/19	5.3	1.3	4.0		
12/19	8.7	3.8	4.9		
3/20	-6.5	-10.1	3.6		
6/20	11.8	9.4	2.4		
9/20	14.3	11.8	2.5		
12/20	19.9	12.2	7.7		
3/21	18.7	10.0	8.7		
6/21	15.5	14.8	0.7		
9/21	8.7	6.0	2.7		
12/21	0.0	5.3	-5.3		
3/22	0.0	0.0	0.0		

# Private Equity Investor Report Mesirow Partnership Fund VI

Net IRR Sinc	e Incep	otion:		24.89%	Re	eport as of:
Market Value	e:		\$	4,433,545	3	3/31/2022
Total Commitment: Unfunded Commitment:		<b>\$</b> <b>\$</b>	3,000,000 360,000	Last Statement: 9/30/2021		
<b>Quarter</b>		Capital Calls		<b>Distributions</b>		Fees
2013	\$	135,000	\$	-	\$	15,000
2014	\$	165,000	\$	-	\$	30,000
2015	\$	315,000	\$	8,173	\$	30,000
2016	\$	510,000	\$	-	\$	30,000
2017	\$	525,000	\$	-	\$	30,000
2018	\$	300,000	\$	89,757	\$	30,000
2019	\$	405,000	\$	480,000	\$	30,000
2020	\$	195,000	\$	420,000	\$	28,500
2021	\$	90,000	\$	1,686,000	\$	25,650
2022	\$	-	\$	219,000		n/a*

\$

2,902,930

\$

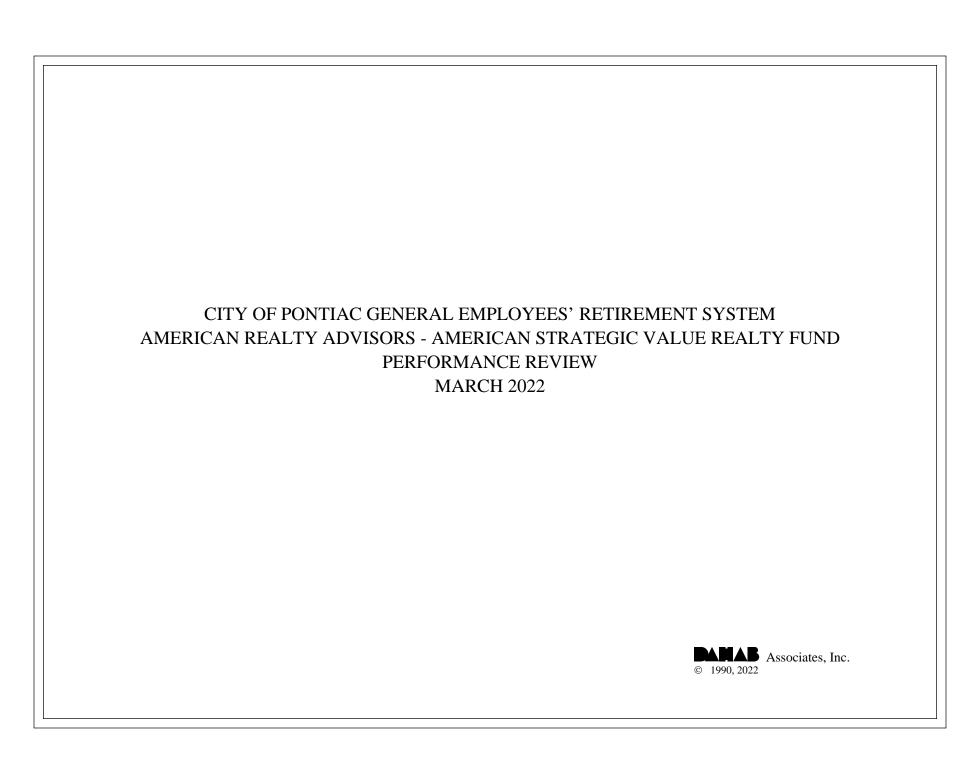
249,150

\$

2,640,000

Total

<sup>\*</sup>Fees for 2022 have not yet been called.



On March 31st, 2022, the City of Pontiac General Employees' Retirement System's American Realty Advisors American Strategic Value Realty Fund was valued at \$5,041,082, representing an increase of \$296,138 from the December quarter's ending value of \$4,744,944. Last quarter, the Fund posted withdrawals totaling \$69,412, which partially offset the portfolio's net investment return of \$365,550. Since there were no income receipts for the first quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$365,550.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the American Realty Advisors American Strategic Value Realty Fund returned 7.7%, which was 0.3% above the NCREIF NFI-ODCE Index's return of 7.4%. Over the trailing year, the portfolio returned 28.0%, which was 0.4% below the benchmark's 28.4% return. Since June 2019, the American Realty Advisors American Strategic Value Realty Fund returned 13.7% per annum, while the NCREIF NFI-ODCE Index returned an annualized 12.0% over the same time frame.

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/19
Total Portfolio - Gross	7.7	28.0				13.7
Total Portfolio - Net	6.3	23.3				11.4
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	12.0
Real Estate - Gross	7.7	28.0				13.7
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	12.0

ASSET ALLOCATION			
Real Estate	100.0%	\$ 5,041,082	
Total Portfolio	100.0%	\$ 5,041,082	

## INVESTMENT RETURN

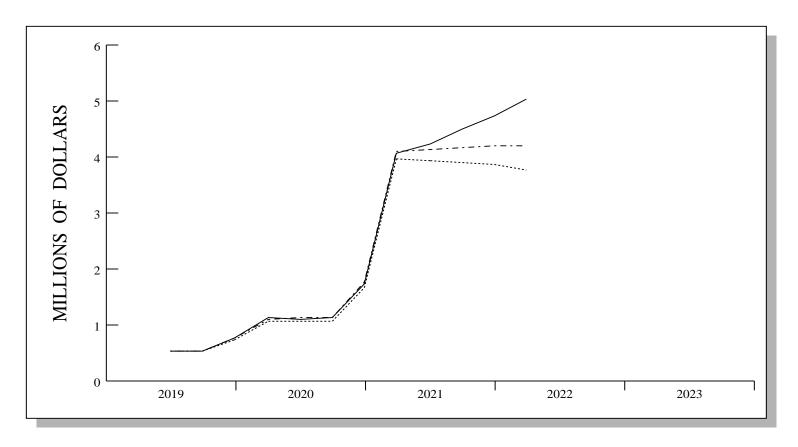
 Market Value 12/2021
 \$ 4,744,944

 Contribs / Withdrawals
 - 69,412

 Income
 0

 Capital Gains / Losses
 365,550

 Market Value 3/2022
 \$ 5,041,082



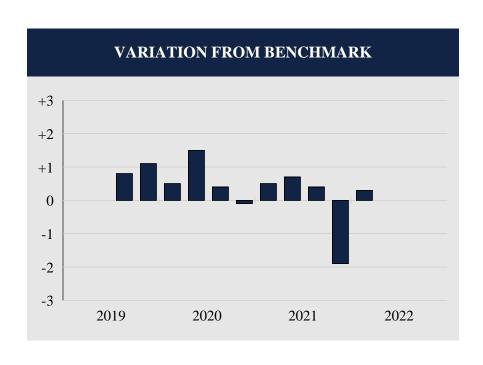
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 4,213,071

	LAST QUARTER	PERIOD 6/19 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 4,744,944 - 69,412 365,550 \$ 5,041,082	\$ 556,374 3,241,849 1,242,859 \$ 5,041,082
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{365,550}$ $365,550$	$ \begin{array}{c} 0 \\ 1,242,859 \\ \hline 1,242,859 \end{array} $

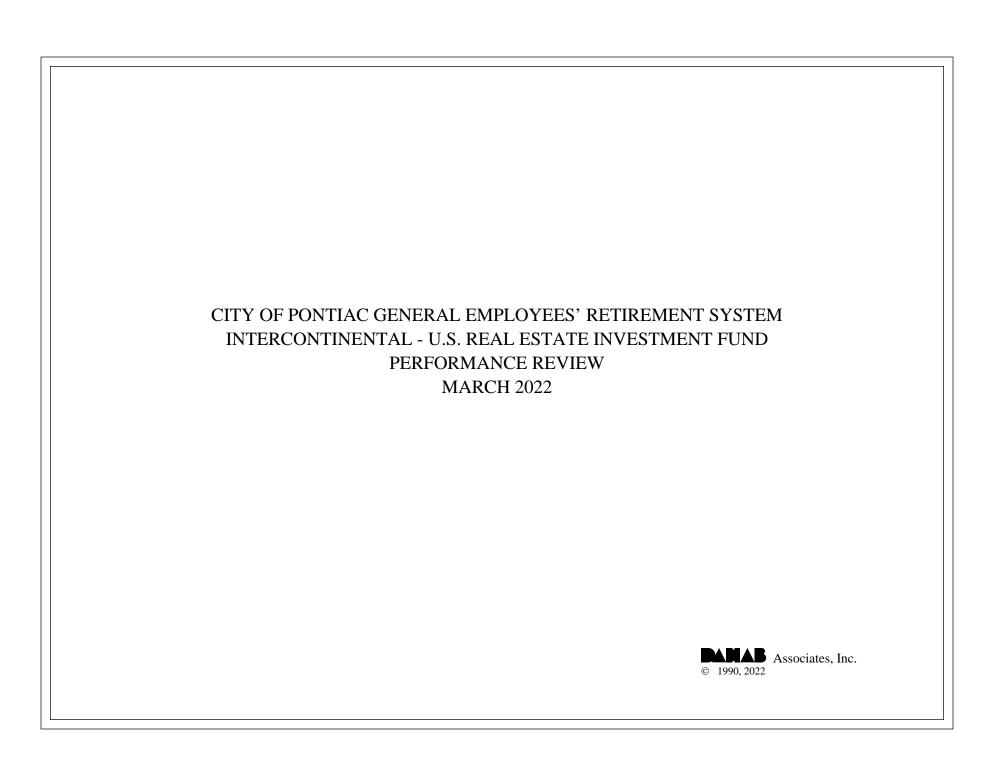
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

#### COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



<b>Total Quarters Observed</b>	11
Quarters At or Above the Benchmark	9
Quarters Below the Benchmark	2
Batting Average	.818

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
9/19	2.1	1.3	0.8		
12/19	2.6	1.5	1.1		
3/20	1.5	1.0	0.5		
6/20	-0.1	-1.6	1.5		
9/20	0.9	0.5	0.4		
12/20	1.2	1.3	-0.1		
3/21	2.6	2.1	0.5		
6/21	4.6	3.9	0.7		
9/21	7.0	6.6	0.4		
12/21	6.1	8.0	-1.9		
3/22	7.7	7.4	0.3		



On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Intercontinental U.S. Real Estate Investment Fund was valued at \$6,847,947, representing an increase of \$328,033 from the December quarter's ending value of \$6,519,914. Last quarter, the Fund posted withdrawals totaling \$45,514, which partially offset the portfolio's net investment return of \$373,547. Since there were no income receipts for the first quarter, the portfolio's net investment return figure was the product of net realized and unrealized capital gains totaling \$373,547.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Intercontinental U.S. Real Estate Investment Fund returned 5.7%, which was 1.7% below the NCREIF NFI-ODCE Index's return of 7.4%. Over the trailing year, the portfolio returned 28.2%, which was 0.2% below the benchmark's 28.4% return. Since December 2017, the Intercontinental U.S. Real Estate Investment Fund returned 12.0% per annum, while the NCREIF NFI-ODCE Index returned an annualized 10.2% over the same time frame.

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/17
Total Portfolio - Gross	5.7	28.2	12.8			12.0
Total Portfolio - Net	5.5	23.8	10.7			10.1
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	10.2
Real Estate - Gross	5.7	28.2	12.8			12.0
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	10.2

ASSET ALLOCATION				
Real Estate	100.0%	\$ 6,847,947		
Total Portfolio	100.0%	\$ 6,847,947		

## INVESTMENT RETURN

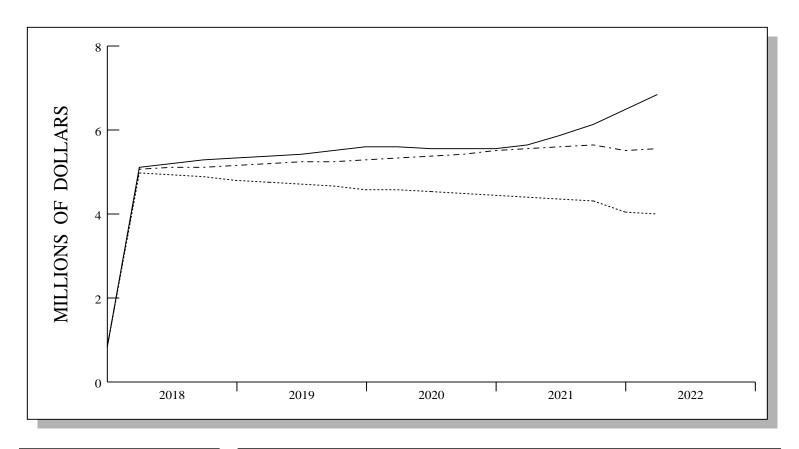
 Market Value 12/2021
 \$ 6,519,914

 Contribs / Withdrawals
 -45,514

 Income
 0

 Capital Gains / Losses
 373,547

 Market Value 3/2022
 \$ 6,847,947

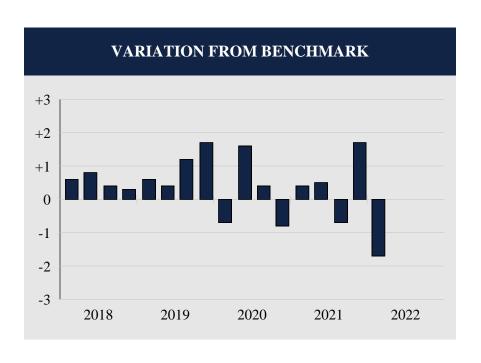


----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 5,565,760

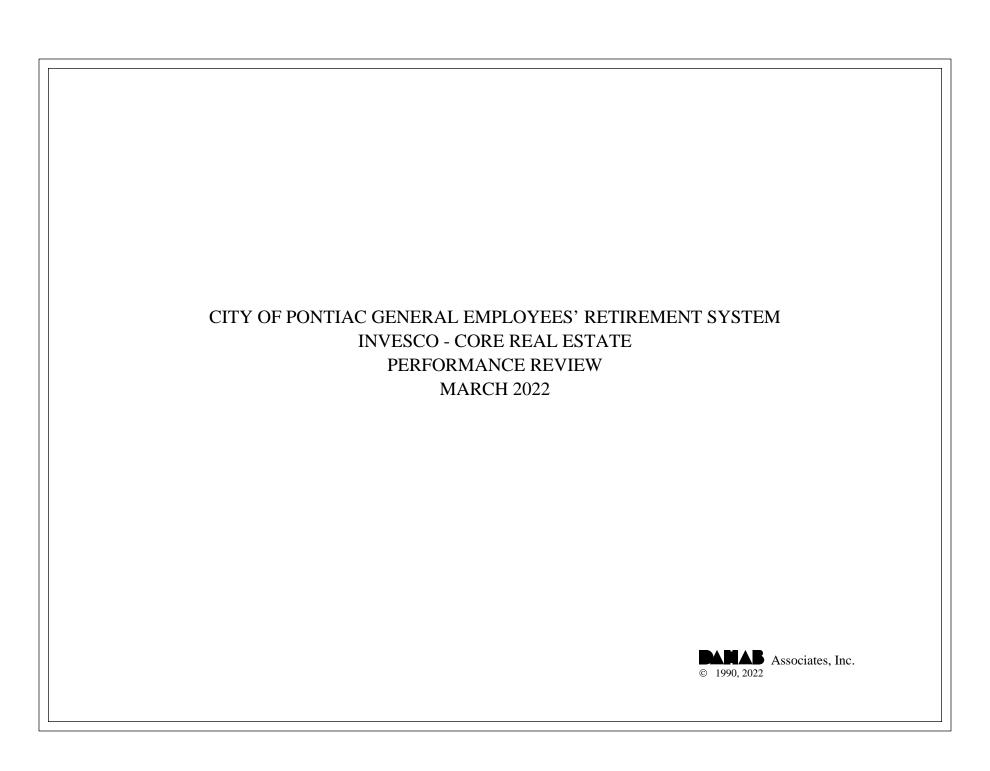
	LAST QUARTER	PERIOD 12/17 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 6,519,914 - 45,514 373,547 \$ 6,847,947	\$ 881,489 3,159,845 2,806,613 \$ 6,847,947
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{373,547}$ 373,547	$ \begin{array}{r} 0 \\ 2,806,613 \\ \hline 2,806,613 \end{array} $

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



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

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
3/18	2.8	2.2	0.6			
6/18	2.8	2.0	0.8			
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	5.7	7.4	-1.7			



On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Invesco Core Real Estate portfolio was valued at \$12,374,603, a decrease of \$6,537,237 from the December ending value of \$18,911,840. Last quarter, the account recorded a net withdrawal of \$7,303,677, which overshadowed the fund's net investment return of \$766,440. Income receipts totaling \$64,359 and realized and unrealized capital gains of \$702,081 combined to produce the portfolio's net investment return.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Invesco Core Real Estate portfolio gained 6.6%, which was 0.8% below the NCREIF NFI-ODCE Index's return of 7.4%. Over the trailing twelve-month period, the portfolio returned 27.1%, which was 1.3% less than the benchmark's 28.4% return. Since September 2017, the Invesco Core Real Estate portfolio returned 9.7% on an annualized basis, while the NCREIF NFI-ODCE Index returned an annualized 10.2% over the same time frame.

PERFORMANCE SUMMARY							
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 09/17	
Total Portfolio - Gross	6.6	27.1	10.2			9.7	
Total Portfolio - Net	6.4	25.9	9.1			8.6	
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	10.2	
Real Estate - Gross	6.6	27.1	10.2			9.7	
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	10.2	

ASSET ALLOCATION						
Real Estate	100.0%	\$ 12,374,603				
Total Portfolio	100.0%	\$ 12,374,603				

## INVESTMENT RETURN

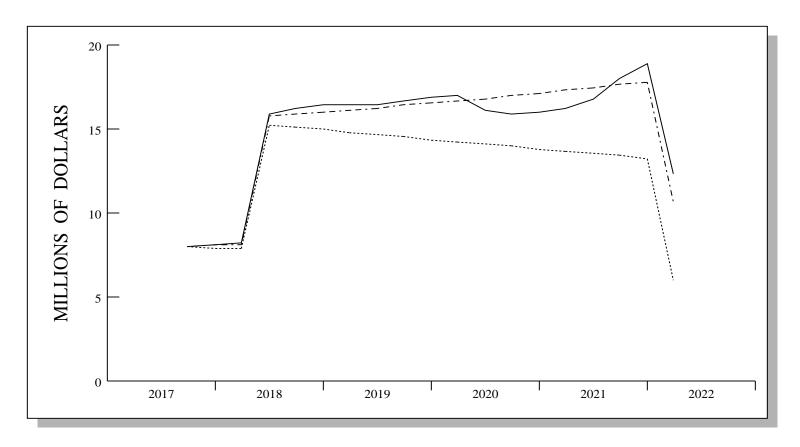
 Market Value 12/2021
 \$ 18,911,840

 Contribs / Withdrawals
 -7,303,677

 Income
 64,359

 Capital Gains / Losses
 702,081

 Market Value 3/2022
 \$ 12,374,603

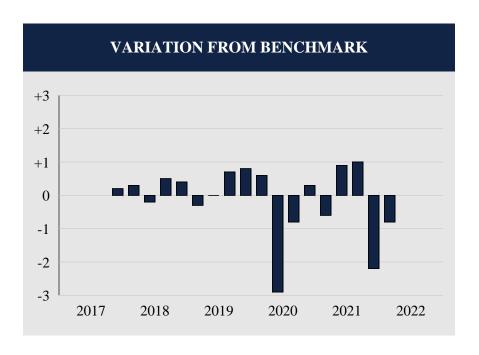


----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING BLENDED RATE\$ 10,730,424

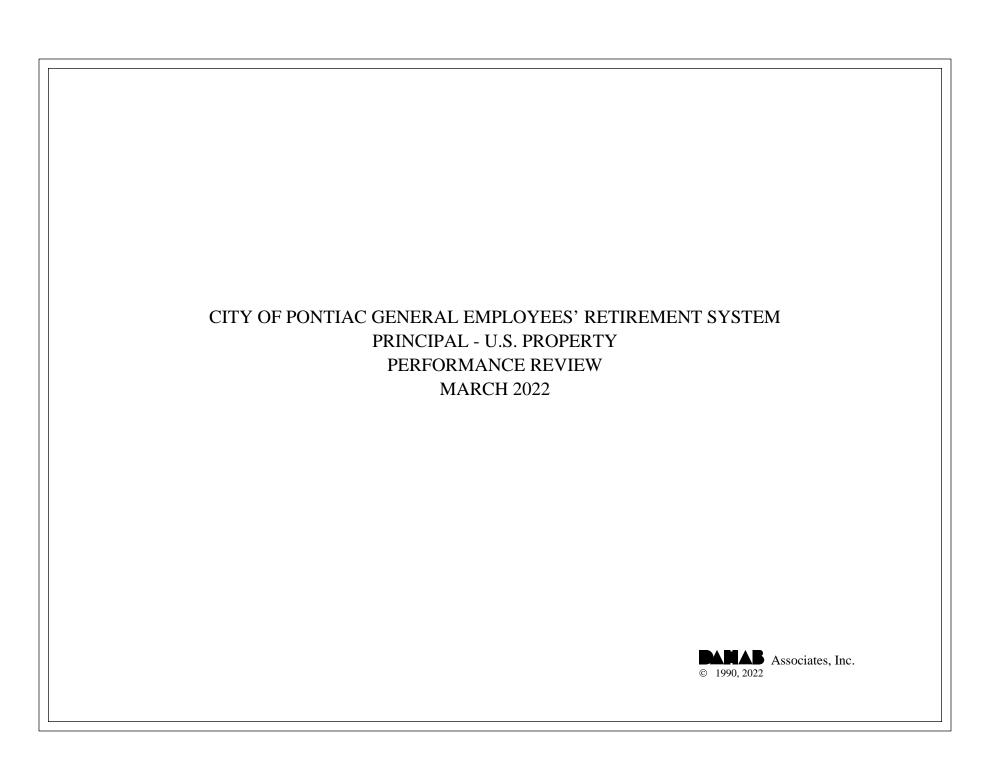
	LAST QUARTER	PERIOD 9/17 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE		\$ 8,051,583 - 2,026,220 6,349,240 \$ 12,374,603
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r}     64,359 \\     702,081 \\     \hline     766,440 \end{array} $	$ \begin{array}{r} 1,611,702 \\ 4,737,538 \\ \hline 6,349,240 \end{array} $

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



<b>Total Quarters Observed</b>	18
Quarters At or Above the Benchmark	11
<b>Quarters Below the Benchmark</b>	7
Batting Average	.611

RATES OF RETURN						
Date	Portfolio	Benchmark	Difference			
12/17	2.3	2.1	0.2			
3/18	2.5	2.2	0.3			
6/18	1.8	2.0	-0.2			
9/18	2.6	2.1	0.5			
12/18	2.2	1.8	0.4			
3/19	1.1	1.4	-0.3			
6/19	1.0	1.0	0.0			
9/19	2.0	1.3	0.7			
12/19	2.3	1.5	0.8			
3/20	1.6	1.0	0.6			
6/20	-4.5	-1.6	-2.9			
9/20	-0.3	0.5	-0.8			
12/20	1.6	1.3	0.3			
3/21	1.5	2.1	-0.6			
6/21	4.8	3.9	0.9			
9/21	7.6	6.6	1.0			
12/21	5.8	8.0	-2.2			
3/22	6.6	7.4	-0.8			



On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Principal U.S. Property portfolio was valued at \$10,647,115, a decrease of \$5,574,187 from the December ending value of \$16,221,302. Last quarter, the account recorded a net withdrawal of \$6,297,211, which overshadowed the fund's net investment return of \$723,024. In the absence of income receipts during the first quarter, the portfolio's net investment return figure was the product of \$723,024 in realized and unrealized capital gains.

#### RELATIVE PERFORMANCE

#### **Total Fund**

For the first quarter, the Principal U.S. Property account gained 7.5%, which was 0.1% greater than the NCREIF NFI-ODCE Index's return of 7.4%. Over the trailing twelve-month period, the account returned 29.6%, which was 1.2% above the benchmark's 28.4% performance. Since December 2017, the portfolio returned 11.4% per annum, while the NCREIF NFI-ODCE Index returned an annualized 10.2% over the same period.

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/17
Total Portfolio - Gross	7.5	29.6	12.4			11.4
Total Portfolio - Net	7.3	28.4	11.3			10.2
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	10.2
Real Estate - Gross	7.5	29.6	12.4			11.4
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	10.2

ASSET ALLOCATION					
Real Estate	100.0%	\$ 10,647,115			
Total Portfolio	100.0%	\$ 10,647,115			

## INVESTMENT RETURN

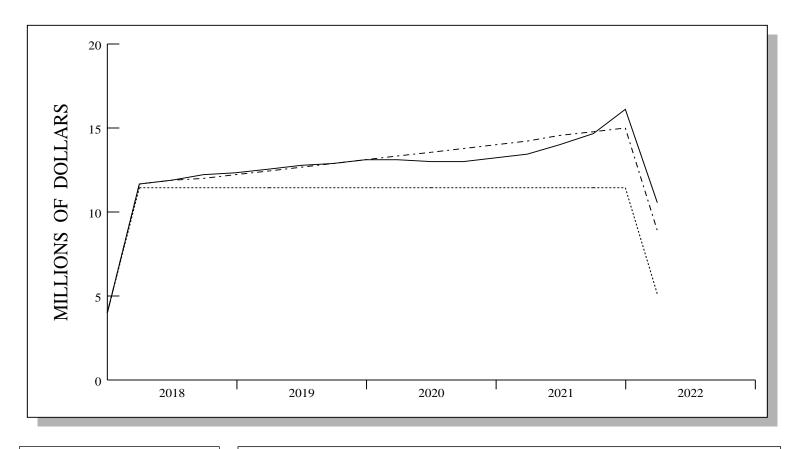
 Market Value 12/2021
 \$ 16,221,302

 Contribs / Withdrawals
 -6,297,211

 Income
 0

 Capital Gains / Losses
 723,024

 Market Value 3/2022
 \$ 10,647,115

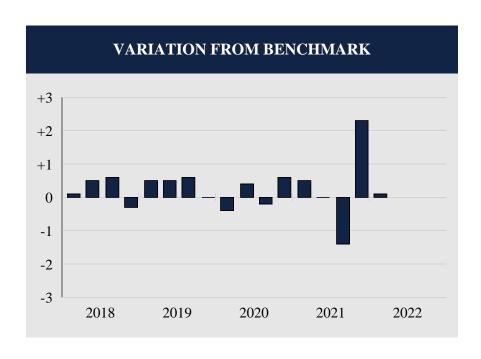


----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 8,937,650

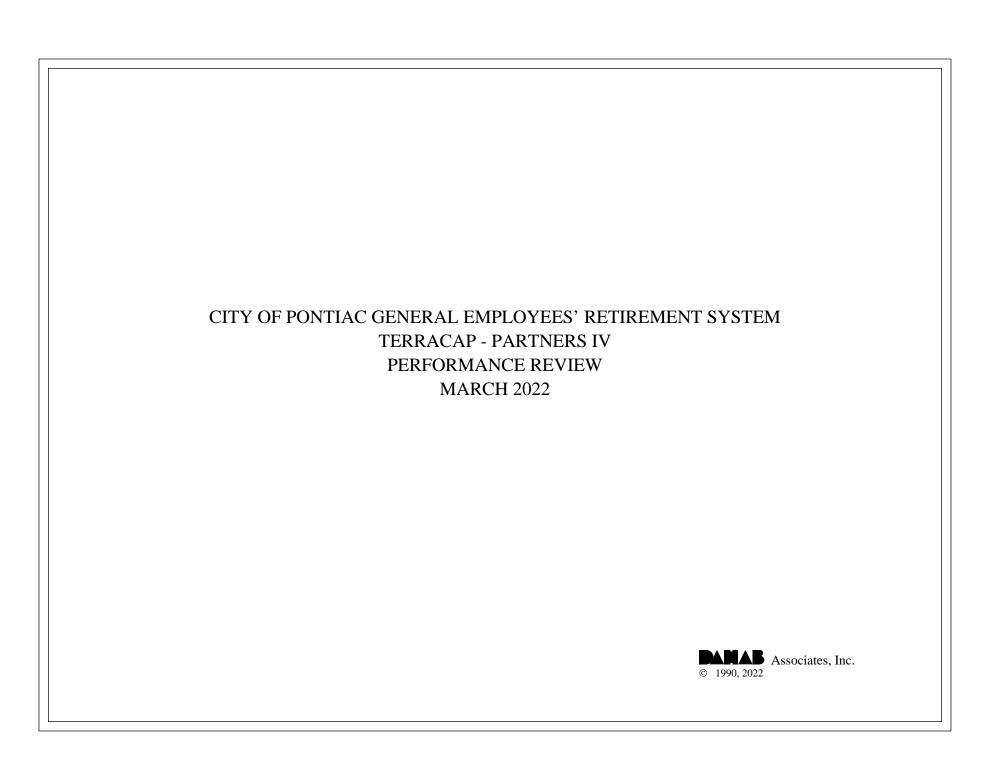
	LAST QUARTER	PERIOD 12/17 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 16,221,302 -6,297,211 723,024 \$ 10,647,115	\$ 4,015,901 1,202,789 5,428,425 \$ 10,647,115
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{0}{723,024}$ 723,024	$ \begin{array}{c} 0 \\ 5,428,425 \\ \hline 5,428,425 \end{array} $

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



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

RATES OF RETURN					
Date	Portfolio	Benchmark	Difference		
3/18	2.3	2.2	0.1		
6/18	2.5	2.0	0.5		
9/18	2.7	2.1	0.6		
12/18	1.5	1.8	-0.3		
3/19	1.9	1.4	0.5		
6/19	1.5	1.0	0.5		
9/19	1.9	1.3	0.6		
12/19	1.5	1.5	0.0		
3/20	0.6	1.0	-0.4		
6/20	-1.2	-1.6	0.4		
9/20	0.3	0.5	-0.2		
12/20	1.9	1.3	0.6		
3/21	2.6	2.1	0.5		
6/21	3.9	3.9	0.0		
9/21	5.2	6.6	-1.4		
12/21	10.3	8.0	2.3		
3/22	7.5	7.4	0.1		



A current quarter statement was not available at the time of this report. A 0% return was assumed for the quarter.

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's TerraCap Partners IV portfolio was valued at \$3,750,185.

### **RELATIVE PERFORMANCE**

#### **Total Fund**

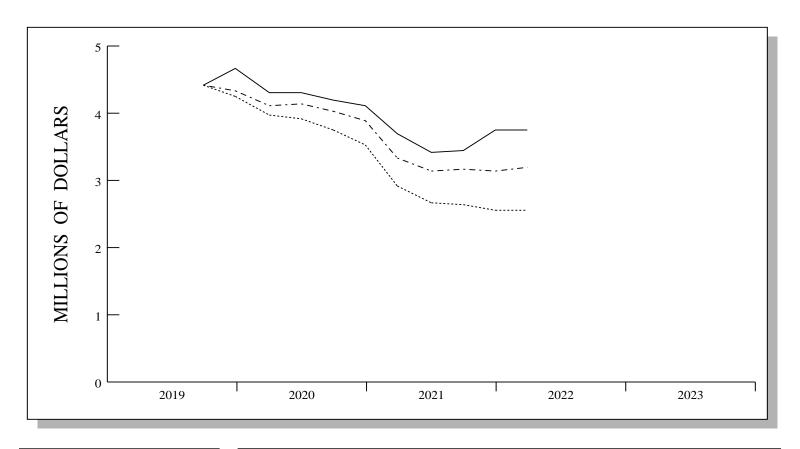
Over the trailing year, the account returned 17.0%, which was 11.4% less than the benchmark's 28.4% performance. Since September 2019, the account returned 16.0% on an annualized basis, while the NCREIF NFI-ODCE Index returned an annualized 12.6% over the same period.

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 09/19
Total Portfolio - Gross	0.0	17.0				16.0
Total Portfolio - Net	0.0	11.4				12.2
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	12.6
Real Estate - Gross	0.0	17.0				16.0
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	12.6

ASSET ALLOCATION				
Real Estate	100.0%	\$ 3,750,185		
Total Portfolio	100.0%	\$ 3,750,185		

# INVESTMENT RETURN

Market Value 12/2021	\$ 3,750,185
Contribs / Withdrawals	0
Income	0
Capital Gains / Losses	0
Market Value 3/2022	\$ 3,750,185



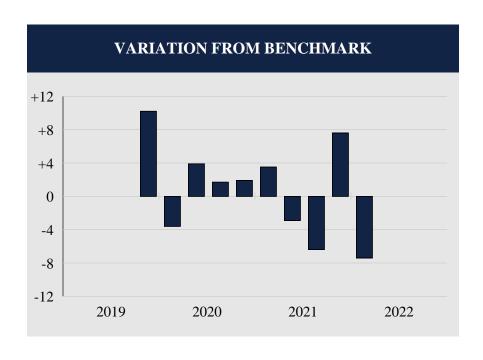
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 3,197,023

	LAST QUARTER	PERIOD 9/19 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$ \ 3,750,185 \\ 0 \\ \hline 0 \\ \hline \$ \ 3,750,185 \end{array}$	\$ 4,432,980 -1,867,083 \(\frac{1,184,288}{3,750,185}\)
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	0 0	$ \begin{array}{c} 0 \\ 1,184,288 \\ 1,184,288 \end{array} $

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



<b>Total Quarters Observed</b>	10
Quarters At or Above the Benchmark	6
<b>Quarters Below the Benchmark</b>	4
Batting Average	.600

RATES OF RETURN						
Date	Date Portfolio Benchmark Difference					
12/19	11.7	1.5	10.2			
3/20	-2.6	1.0	-3.6			
6/20	2.3	-1.6	3.9			
9/20	2.2	0.5	1.7			
12/20	3.2	1.3	1.9			
3/21	5.6	2.1	3.5			
6/21	1.0	3.9	-2.9			
9/21	0.2	6.6	-6.4			
12/21	15.6	8.0	7.6			
3/22	0.0	7.4	-7.4			

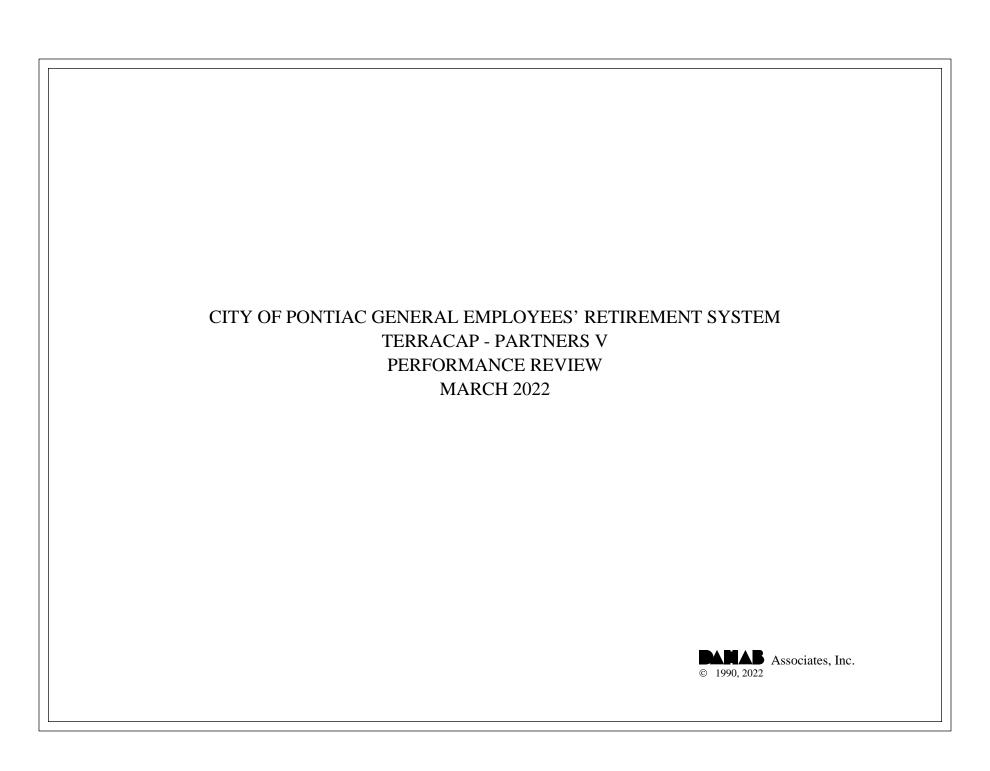
# Real Estate Investor Report TerraCap Partners IV

Net IRR Since Inception:	12.78%	Report as of:	3/31/2022
Market Value:	\$ 3,750,185	Last Statement:	12/31/2021

Total Commitment: \$ 4,000,000

<b>Date</b>	_(	Capital Calls	<b>Distributions</b>	Interest Paid	Fees
2019-Q3	\$	4,000,000	\$ -	\$ 282,902	\$ 159,035
2019-Q4	\$	-	\$ 164,866	\$ -	\$ 106,309
2020-Q1	\$	-	\$ 281,995	\$ -	\$ (52,666)
2020-Q2	\$	-	\$ 49,015	\$ -	\$ 65,810
2020-Q3	\$	-	\$ 174,642	\$ -	\$ 20,834
2020-Q4	\$	-	\$ 225,381	\$ -	\$ 27,502
2021-Q1	\$	-	\$ 605,258	\$ -	\$ 32,067
2021-Q2	\$	-	\$ 257,721	\$ -	\$ 37,594
2021-Q3	\$	-	\$ 23,318	\$ -	\$ (19,419)
2021-Q4	\$	-	\$ 84,887	\$ -	\$ 145,712
Total	\$	4,000,000	\$ 1,867,083	\$ 282,902	\$ 522,778

Current quarter fees were not available at this time.



On March 31st, 2022, the City of Pontiac General Employees' Retirement System's TerraCap Partners V portfolio was valued at \$5,492,989.

### **RELATIVE PERFORMANCE**

### **Total Fund**

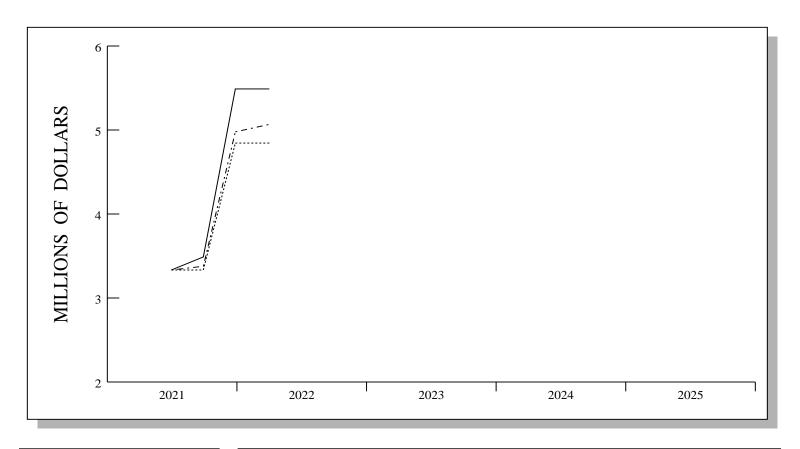
A current quarter statement was not available at the time of this report. A flat return of 0% was assumed for the quarter.

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	Since 06/21	
Total Portfolio - Gross	0.0				20.2	
Total Portfolio - Net	0.0				16.2	
NCREIF ODCE	7.4	28.4	11.3	9.9	23.6	
Real Estate - Gross	0.0				20.2	
NCREIF ODCE	7.4	28.4	11.3	9.9	23.6	

ASSET ALLOCATION			
Real Estate	100.0%	\$ 5,492,989	
Total Portfolio	100.0%	\$ 5,492,989	

# INVESTMENT RETURN

Market Value 12/2021	\$ 5,492,989
Contribs / Withdrawals	0
Income	0
Capital Gains / Losses	0
Market Value 3/2022	\$ 5,492,989



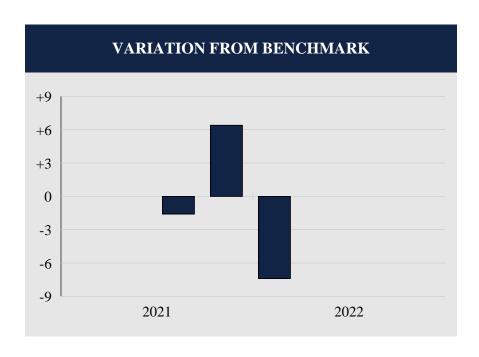
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 5,079,666

	LAST QUARTER	PERIOD 6/21 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$ \begin{array}{c} \$ 5,492,989 \\ 0 \\ \hline 0 \\ \$ 5,492,989 \end{array} $	\$ 3,341,730 1,524,804 626,455 \$ 5,492,989
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{\begin{array}{c}0\\0\\0\end{array}}$	$ \begin{array}{r} 0 \\ \underline{626,455} \\ 626,455 \end{array} $

# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



Total Quarters Observed	3
Quarters At or Above the Benchmark	1
<b>Quarters Below the Benchmark</b>	2
Batting Average	.333

RATES OF RETURN								
Date	Portfolio	Benchmark	Difference					
9/21	5.0	6.6	-1.6					
12/21	14.4	8.0	6.4					
3/22	0.0	7.4	-7.4					

<b>Real Estate Investor Report</b>
TerraCap Partners V

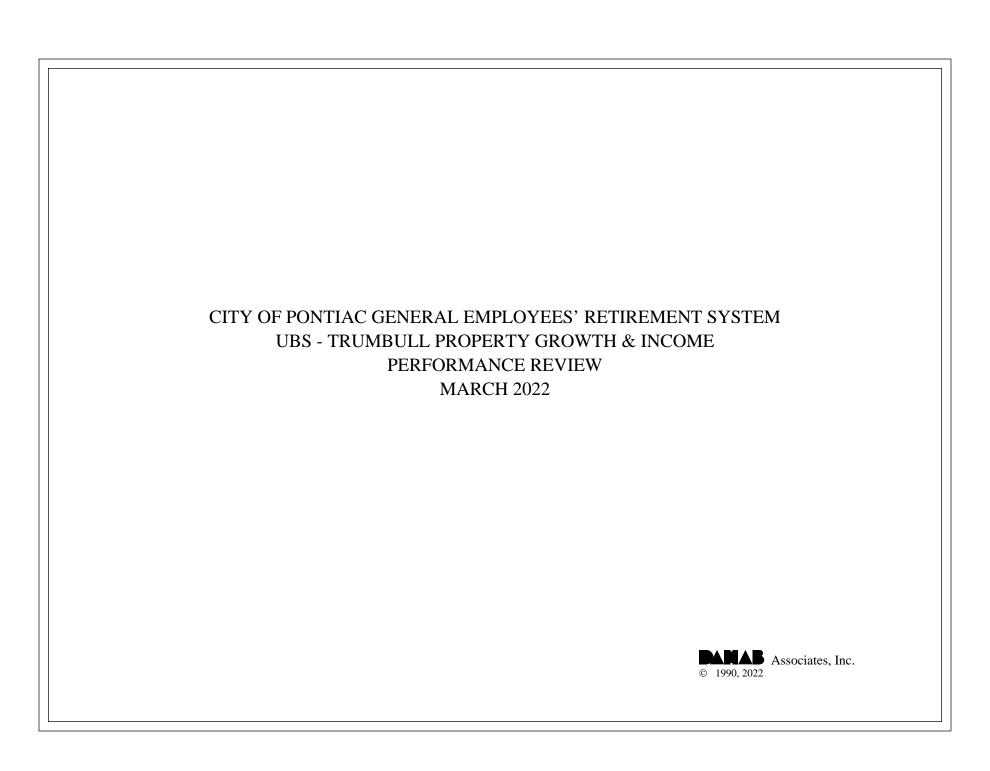
Net IRR Since Inception:		12.66%	Report as of:	3/31/2022	
Market Value:	\$	5,492,989	Last Statement:	12/31/2021	

Total Commitment: \$ 5,000,000

	<u>Interest Paid /</u>							
<b>Date</b>	_(	Capital Calls		<b>Distributions</b>	<u>(R</u>	eceived)		<b>Fees</b>
2021-Q2	\$	3,455,987	\$	-	\$	32,851	\$	2,877
2021-Q3	\$	-	\$	-	\$	-	\$	18,750
2021-Q4	\$	1,544,013	\$	-	\$	(19,209)	\$	141,997
Total	\$	5,000,000	\$	-	\$	13,643	\$	163,624

Current quarter fees were not available at this time.

Cash flows shown on this table are rounded to the nearest dollar.



On March 31st, 2022, the City of Pontiac General Employees' Retirement System's UBS Trumbull Property Growth & Income portfolio was valued at \$6,673,965, representing an increase of \$643,587 from the December quarter's ending value of \$6,030,378. Last quarter, the Fund posted withdrawals totaling \$58,293, which partially offset the portfolio's net investment return of \$701,880. Income receipts totaling \$39,983 plus net realized and unrealized capital gains of \$661,897 combined to produce the portfolio's net investment return.

#### RELATIVE PERFORMANCE

#### **Total Fund**

For the first quarter, the UBS Trumbull Property Growth & Income account gained 11.8%, which was 4.4% greater than the NCREIF NFI-ODCE Index's return of 7.4%. Over the trailing twelve-month period, the account returned 34.0%, which was 5.6% above the benchmark's 28.4% performance. Since June 2019, the portfolio returned 14.4% per annum, while the NCREIF NFI-ODCE Index returned an annualized 11.9% over the same period.

### **EXECUTIVE SUMMARY**

	PERFORMANCE SUMMARY					
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 06/19
Total Portfolio - Gross	11.8	34.0				14.4
Total Portfolio - Net	10.5	31.2				12.6
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	11.9
Real Estate - Gross	11.8	34.0				14.4
NCREIF ODCE	7.4	28.4	11.3	9.9	10.9	11.9

ASSET A	ALLOCA	TION
Real Estate	100.0%	\$ 6,673,965
Total Portfolio	100.0%	\$ 6,673,965

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 6,030,378

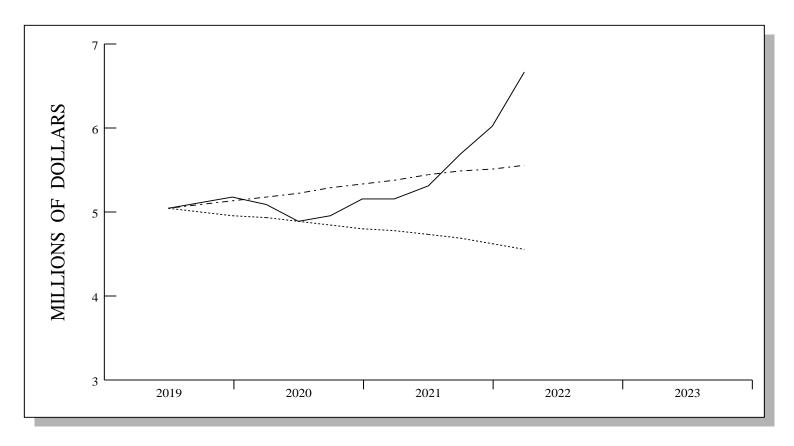
 Contribs / Withdrawals
 - 58,293

 Income
 39,983

 Capital Gains / Losses
 661,897

 Market Value 3/2022
 \$ 6,673,965

### **INVESTMENT GROWTH**



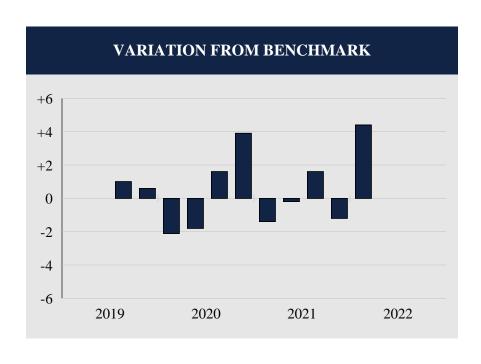
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING
BLENDED RATE \$ 5,563,493

	LAST QUARTER	PERIOD 6/19 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 6,030,378 - 58,293 701,880 \$ 6,673,965	\$ 5,050,855 -474,118 2,097,228 \$ 6,673,965
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$\frac{39,983}{661,897}$ $701,880$	$ \begin{array}{r} 299,837 \\ 1,797,391 \\ \hline 2,097,228 \end{array} $

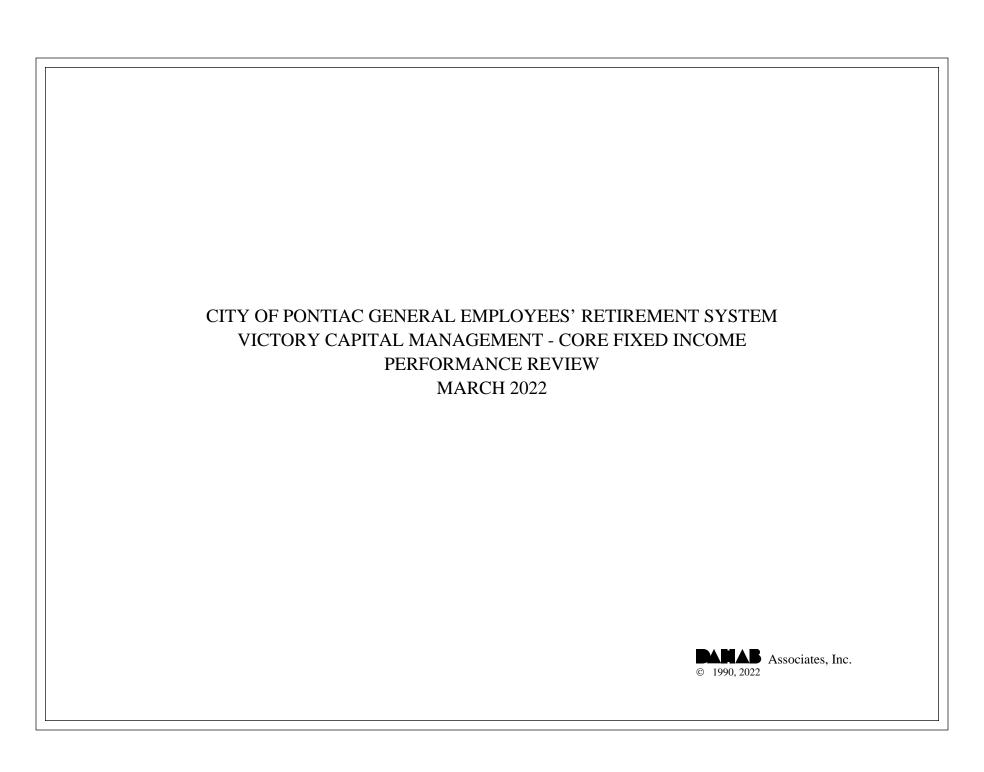
# TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

### COMPARATIVE BENCHMARK: NCREIF NFI-ODCE INDEX



<b>Total Quarters Observed</b>	11
Quarters At or Above the Benchmark	6
Quarters Below the Benchmark	5
Batting Average	.545

RATES OF RETURN			
Date	Portfolio	Benchmark	Difference
9/19	2.3	1.3	1.0
12/19	2.1	1.5	0.6
3/20	-1.1	1.0	-2.1
6/20	-3.4	-1.6	-1.8
9/20	2.1	0.5	1.6
12/20	5.2	1.3	3.9
3/21	0.7	2.1	-1.4
6/21	3.7	3.9	-0.2
9/21	8.2	6.6	1.6
12/21	6.8	8.0	-1.2
3/22	11.8	7.4	4.4



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Victory Capital Management Core Fixed Income portfolio was valued at \$49,261,138, a decrease of \$21,188,511 from the December ending value of \$70,449,649. Last quarter, the account recorded total net withdrawals of \$18,081,188 in addition to \$3,107,323 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$315,802 and realized and unrealized capital losses totaling \$3,423,125.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Victory Capital Management Core Fixed Income portfolio lost 5.3%, which was 0.6% greater than the Bloomberg Aggregate Index's return of -5.9% and ranked in the 19th percentile of the Core Fixed Income universe. Over the trailing year, the portfolio returned -3.4%, which was 0.8% greater than the benchmark's -4.2% performance, and ranked in the 27th percentile. Since December 1994, the account returned 5.3% per annum. For comparison, the Bloomberg Aggregate Index returned an annualized 5.1% over the same time frame.

#### **HOLDINGS ANALYSIS**

At the end of the quarter, nearly 50% of the total bond portfolio was comprised of USG quality securities. The remainder of the portfolio consisted of corporate securities, rated AAA through BBB, giving the portfolio an overall average quality rating of AAA-AA. The average maturity of the portfolio was 8.89 years, longer than the Bloomberg Barclays Aggregate Index's 8.77-year maturity. The average coupon was 2.49%.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 12/94
Total Portfolio - Gross	-5.3	-3.4	2.3	2.6	2.7	5.3
CORE FIXED INCOME RANK	(19)	(27)	(46)	(57)	(57)	
Total Portfolio - Net	-5.3	-3.6	2.1	2.3	2.4	5.1
Aggregate Index	-5.9	-4.2	1.7	2.1	2.2	5.1
<b>Domestic Fixed Income - Gross</b>	-5.3	-3.4	2.3	2.6	2.7	5.3
CORE FIXED INCOME RANK	(19)	(27)	(46)	(57)	(57)	
Aggregate Index	-5.9	-4.2	1.7	2.1	2.2	5.1

ALLOCA	ATION
100.0%	\$ 49,261,138
100.0%	\$ 49,261,138
	100.0%

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 70,449,649

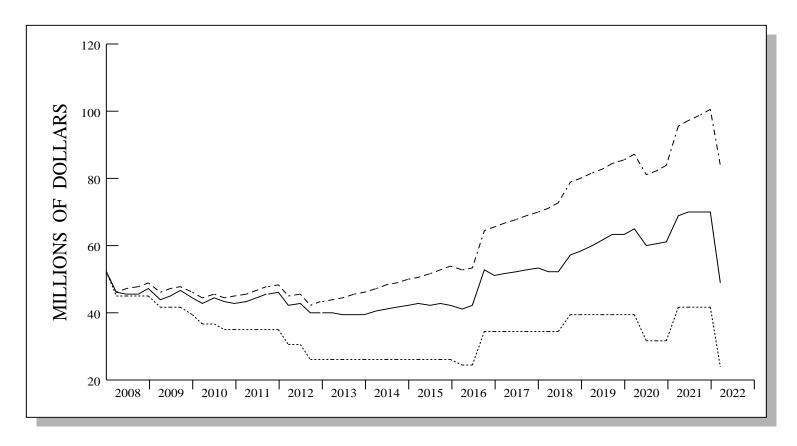
 Contribs / Withdrawals
 -18,081,188

 Income
 315,802

 Capital Gains / Losses
 -3,423,125

 Market Value 3/2022
 \$ 49,261,138

### **INVESTMENT GROWTH**

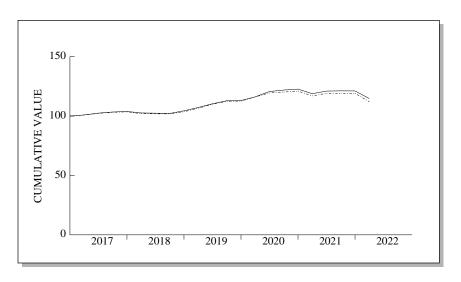


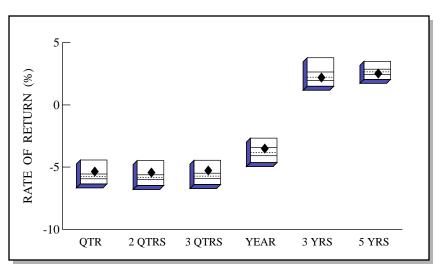
ACTUAL RETURN
BLENDED RATE
0.0%

VALUE ASSUMING BLENDED RATE\$ 84,168,596

	LAST QUARTER	PERIOD 12/07 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 70,449,649 - 18,081,188 <u>- 3,107,323</u> \$ 49,261,138	\$ 52,350,710 -28,341,643 <u>25,252,072</u> \$ 49,261,138
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	$ \begin{array}{r} 315,802 \\ -3,423,125 \\ \hline -3,107,323 \end{array} $	$ \begin{array}{r} 16,958,700 \\ 8,293,372 \\ \hline 25,252,072 \end{array} $

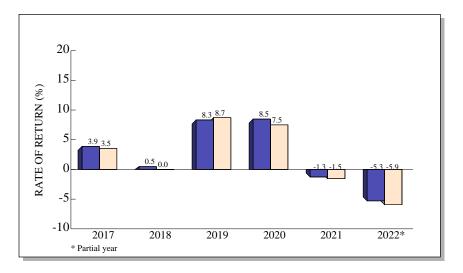
## TOTAL RETURN COMPARISONS





Core Fixed Income Universe





					ANNUA	ALIZED
	_QTR_	2 QTRS	3 QTRS	<u>YEAR</u>	3 YRS	5 YRS
RETURN	-5.3	-5.4	-5.2	-3.4	2.3	2.6
(RANK)	(19)	(18)	(17)	(27)	(46)	(57)
5TH %ILE	-4.4	-4.5	-4.5	-2.7	3.8	3.5
25TH %ILE	-5.6	-5.6	-5.5	-3.4	2.6	2.9
MEDIAN	-5.8	-5.8	-5.7	-3.8	2.2	2.7
75TH %ILE	-5.9	-6.0	-5.9	-4.1	2.0	2.4
95TH %ILE	-6.4	-6.5	-6.4	-4.6	1.5	2.1
Agg	-5.9	-5.9	-5.9	-4.2	1.7	2.1

Core Fixed Income Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 10 YEARS

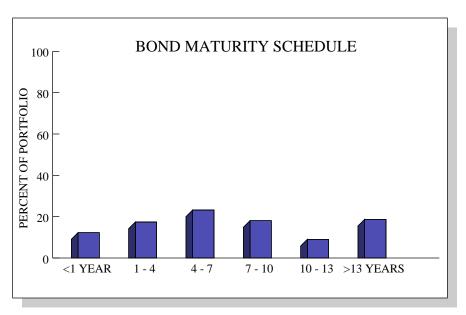
### COMPARATIVE BENCHMARK: BLOOMBERG AGGREGATE INDEX

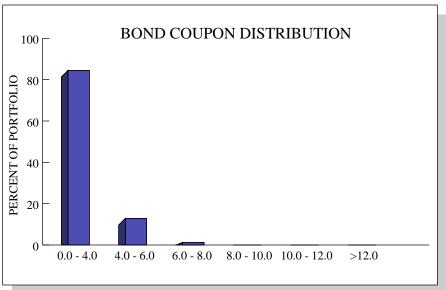


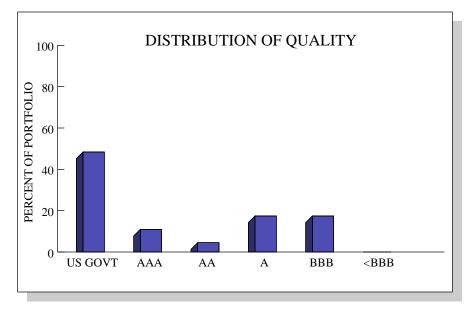
Total Quarters Observed	40
Quarters At or Above the Benchmark	29
Quarters Below the Benchmark	11
Batting Average	.725

	RATES	S OF RETURN	
Date	Portfolio	Benchmark	Difference
6/12	2.3	2.1	0.2
9/12	2.3	1.6	0.7
12/12	0.6	0.2	0.4
3/13	0.2	-0.1	0.3
6/13	-2.1	-2.3	0.2
9/13	0.5	0.6	-0.1
12/13	0.3	-0.1	0.4
3/14	2.1	1.8	0.3
6/14	2.1	2.0	0.1
9/14	0.1	0.2	-0.1
3/14	0.1	0.2	-0.1
12/14	1.7	1.8	-0.1
3/15	1.7	1.6	0.1
6/15	-1.6	-1.7	0.1
9/15	1.0	1.2	-0.2
12/15	-0.7	-0.6	-0.1
3/16	2.7	3.0	-0.3
6/16	2.5	2.2	0.3
9/16	0.6	0.5	0.1
12/16	-2.8	-3.0	0.2
3/17	1.0	0.8	0.2
6/17	1.5	1.4	0.1
9/17	0.9	0.8	0.1
12/17	0.5	0.4	0.1
3/18 6/18 9/18 12/18	-1.2 -0.2 -0.2 2.1	-1.5 -0.2 0.0 1.6	0.1 0.3 0.0 -0.2 0.5
3/19	2.7	2.9	-0.2
6/19	2.9	3.1	-0.2
9/19	2.3	2.3	-0.0
12/19	0.2	0.2	0.0
3/20	2.7	3.1	-0.4
6/20	3.9	2.9	1.0
9/20	1.0	0.6	0.4
12/20	0.7	0.7	0.0
3/21	-3.2	-3.4	0.2
6/21	1.9	1.8	0.1
9/21	0.2	0.1	0.1
12/21	-0.1	0.0	-0.1
3/22	-5.3	-5.9	0.6

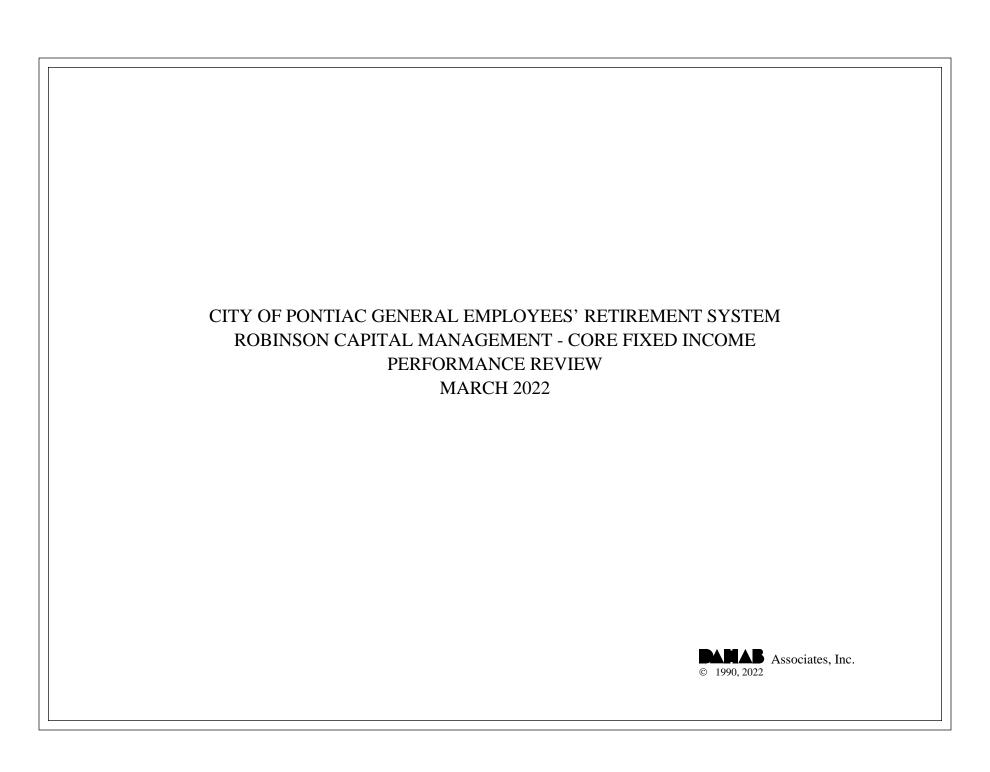
## **BOND CHARACTERISTICS**







	PORTFOLIO	AGGREGATE IND
No. of Securities	230	12,538
Duration	6.32	6.58
YTM	3.19	2.92
Average Coupon	2.49	2.44
Avg Maturity / WAL	8.89	8.77
Average Quality	AAA-AA	AA



#### **INVESTMENT RETURN**

On March 31st, 2022, the City of Pontiac General Employees' Retirement System's Robinson Capital Management Core Fixed Income portfolio was valued at \$62,980,336, a decrease of \$2,943,074 from the December ending value of \$65,923,410. Last quarter, the account recorded total net withdrawals of \$238 in addition to \$2,942,836 in net investment losses. The fund's net investment loss was a result of income receipts totaling \$291,260 and realized and unrealized capital losses totaling \$3,234,096.

#### RELATIVE PERFORMANCE

#### **Total Fund**

During the first quarter, the Robinson Capital Management Core Fixed Income portfolio lost 4.5%, which was equal to the Intermediate Gov/Credit Index's return of -4.5% and ranked in the 68th percentile of the Intermediate Fixed Income universe. Over the trailing year, the portfolio returned -3.8%, which was 0.3% greater than the benchmark's -4.1% performance, and ranked in the 59th percentile. Since September 2010, the account returned 2.4% per annum. For comparison, the Intermediate Gov/Credit returned an annualized 2.0% over the same time frame.

#### **HOLDINGS ANALYSIS**

At the end of the quarter, approximately 30% 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 AAA-AA. The average maturity of the portfolio was 4.62 years, longer than the Bloomberg Barclays Intermediate Gov/Credit Index's 4.40-year maturity. The average coupon was 1.98%.

### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY						
	Qtr / YTD	1 Year	3 Year	5 Year	10 Year	Since 09/10
Total Portfolio - Gross	-4.5	-3.8	1.6	1.9	2.2	2.4
INTERMEDIATE FIXED RANK	(68)	(59)	(72)	(87)	(58)	
Total Portfolio - Net	-4.5	-4.0	1.4	1.7	1.9	2.2
Int Gov/Credit	-4.5	-4.1	1.5	1.8	1.8	2.0
<b>Domestic Fixed Income - Gross</b>	-4.5	-3.8	1.6	1.9	2.2	2.4
INTERMEDIATE FIXED RANK	(68)	(59)	(72)	(87)	(58)	
Int Gov/Credit	-4.5	-4.1	1.5	1.8	1.8	2.0

ASSET A	ALLOCA	ATION
Domestic Fixed	100.0%	\$ 62,980,336
Total Portfolio	100.0%	\$ 62,980,336

## INVESTMENT RETURN

 Market Value 12/2021
 \$ 65,923,410

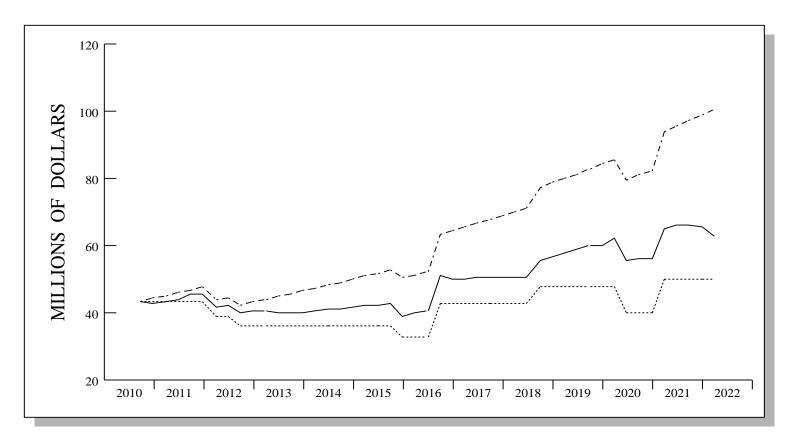
 Contribs / Withdrawals
 -238

 Income
 291,260

 Capital Gains / Losses
 -3,234,096

 Market Value 3/2022
 \$ 62,980,336

### **INVESTMENT GROWTH**

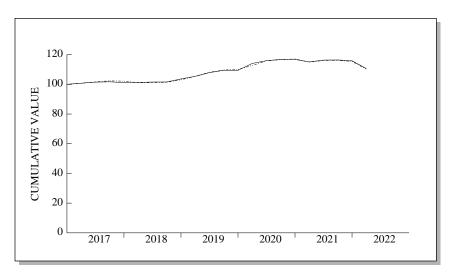


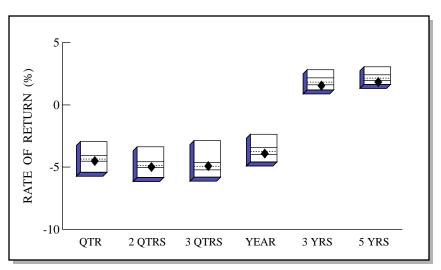
----- ACTUAL RETURN
----- BLENDED RATE
----- 0.0%

VALUE ASSUMING BLENDED RATE\$ 100,600,003

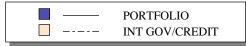
	LAST QUARTER	PERIOD 9/10 - 3/22
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	\$ 65,923,410 -238 -2,942,836 \$ 62,980,336	\$ 43,698,759 6,672,733 12,608,844 \$ 62,980,336
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	291,260 -3,234,096 -2,942,836	15,993,012 -3,384,168 12,608,844

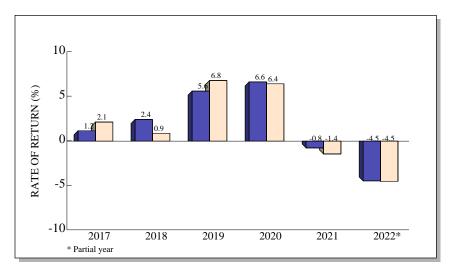
## TOTAL RETURN COMPARISONS





Intermediate Fixed Universe





					ANNUA	ALIZED
	_QTR	2 QTRS	3 QTRS	YEAR	3 YRS	5 YRS
RETURN	-4.5	-4.9	-4.8	-3.8	1.6	1.9
(RANK)	(68)	(62)	(40)	(59)	(72)	(87)
5TH %ILE	-3.0	-3.4	-2.9	-2.4	2.8	3.1
25TH %ILE	-4.1	-4.6	-4.6	-3.4	2.2	2.4
MEDIAN	-4.4	-4.9	-4.9	-3.7	1.8	2.2
75TH %ILE	-4.5	-5.0	-5.2	-4.0	1.6	2.0
95TH %ILE	-5.4	-5.8	-5.8	-4.6	1.2	1.7
Int G/C	-4.5	-5.1	-5.0	-4.1	1.5	1.8

Intermediate Fixed Universe

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY

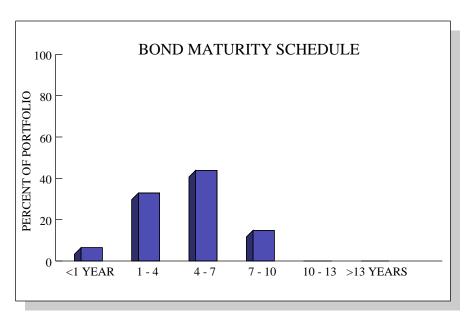
### COMPARATIVE BENCHMARK: INTERMEDIATE GOV/CREDIT

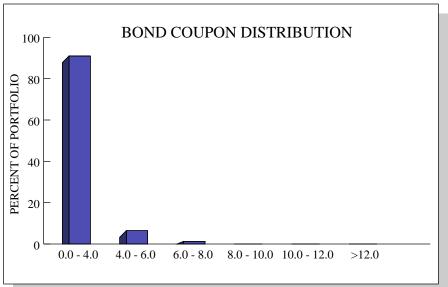


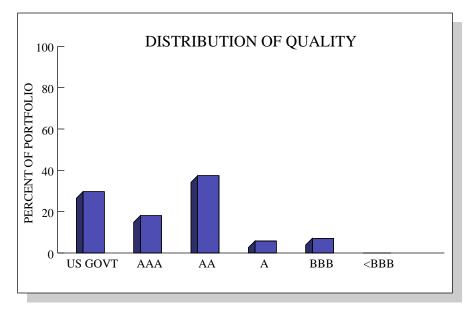
<b>Total Quarters Observed</b>	46
Quarters At or Above the Benchmark	32
Quarters Below the Benchmark	14
<b>Batting Average</b>	.696

	RATES	S OF RETURN	
Date	Portfolio	Benchmark	Difference
12/10	-1.0	-1.4	0.4
3/11	0.6	0.3	0.3
6/11	1.7	2.1	-0.4
9/11	3.0	2.4	0.6
12/11	0.9	0.8	0.1
3/12	0.9	0.6	0.3
6/12	1.9	1.5	0.4
9/12	1.7	1.4	0.3
12/12	0.5	0.3	0.2
3/13	0.5	0.3	0.2
6/13	-1.6	-1.7	0.1
9/13	0.5	0.6	-0.1
12/13	-0.1	0.0	-0.1
3/14	1.7	1.0	0.7
6/14	1.4	1.2	0.2
9/14	0.2	0.0	0.2
12/14	1.2	0.9	0.3
3/15	1.4	1.4	0.0
6/15	-0.8	-0.6	-0.2
9/15	1.2	1.0	0.2
12/15	-0.6	-0.7	0.1
3/16	2.7	2.4	0.3
6/16	1.6	1.6	0.0
9/16	0.1	0.1	0.0
12/16	-2.2	-2.1	-0.1
3/17	0.8	0.8	0.0
6/17	0.7	0.9	-0.2
9/17	0.2	0.6	-0.4
12/17	-0.5	-0.2	-0.3
3/18	0.1	-1.0	1.1
6/18	0.3	0.0	0.3
9/18	0.1	0.2	-0.1
12/18	2.0	1.7	0.3
3/19	1.7	2.3	-0.6
6/19	2.4	2.6	-0.2
9/19	1.4	1.4	0.0
12/19	0.0	0.4	-0.4
3/20	4.2	2.4	1.8
6/20	1.7	2.8	-1.1
9/20	0.7	0.6	0.1
12/20	-0.1	0.5	-0.6
3/21	-1.4	-1.9	0.5
6/21	1.1	1.0	0.1
9/21	0.1	0.0	0.1
12/21	-0.5	-0.6	0.1
3/22	-4.5	-4.5	0.0

## **BOND CHARACTERISTICS**







	PORTFOLIO	INT GOV/CREDIT
No. of Securities	133	5,515
Duration	4.09	4.05
YTM	2.54	2.70
Average Coupon	1.98	1.94
Avg Maturity / WAL	4.62	4.40
Average Quality	AAA-AA	AA