#### REPORT PREPARED FOR:



# Beirne Wealth Consulting

Your Strategic Partner for Defined Benefit Plans

Quarter Ending 6/30/2022

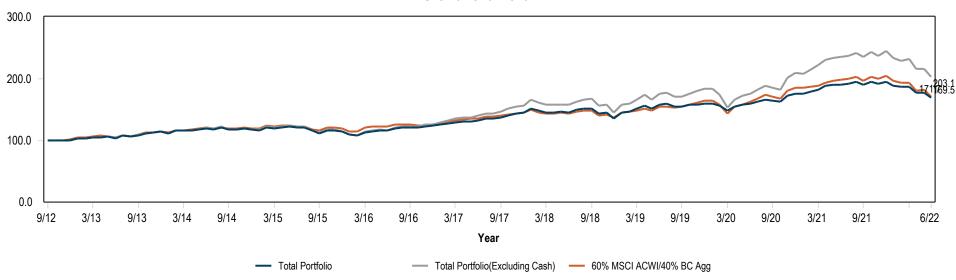
John-Oliver Beirne, CRPC®, MBA Partner & President JOBeirne@beirnewealth.com (203) 701-8976

#### **Richard DeFrancesco**

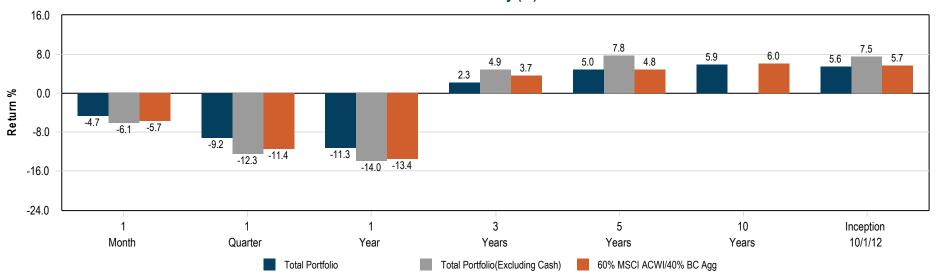
Chief Operating Officer RDeFrancesco@beirnewealth.com (203) 951-3577

Periods Ending 06/30/22										
Name	1 Month	Last 3 Months	YTD	1 Year	3 Years	5 Years	10 Years	15 Years	20 Years	
US Equity										
Russell 3000 Index	-8.4	-16.7	-21.1	-13.9	9.8	10.6	12.6	8.4	14.4	
S&P 500 Index	-8.3	-16.1	-20.0	-10.6	10.6	11.3	13.0	8.5	14.9	
Russell 1000 Index	-8.4	-16.7	-20.9	-13.0	10.2	11.0	12.8	8.5	14.7	
Russell 1000 Growth Index	-7.9	-20.9	-28.1	-18.8	12.6	14.3	14.8	10.7	13.2	
Russell 1000 Value Index	-8.7	-12.2	-12.9	-6.8	6.9	7.2	10.5	6.1	15.6	
Russell Midcap Index	-10.0	-16.8	-21.6	-17.3	6.6	8.0	11.3	7.8	15.3	
Russell 2000 Index	-8.2	-17.2	-23.4	-25.2	4.2	5.2	9.4	6.3	12.3	
Russell 2000 Growth Index	-6.2	-19.3	-29.5	-33.4	1.4	4.8	9.3	6.8	8.7	
Russell 2000 Value Index	-9.9	-15.3	-17.3	-16.3	6.2	4.9	9.1	5.6	15.5	
International Equity										
MSCI AC World Index	-8.4	-15.5	-20.0	-15.4	6.7	7.5	9.3	5.3	-	
MSCI AC World ex USA	-8.6	-13.5	-18.2	-19.0	1.8	3.0	5.3	2.0	-	
MSCI EAFE Index	-9.3	-14.3	-19.3	-17.3	1.5	2.7	5.9	1.9	12.2	
MSCI Emerging Markets Index	-6.6	-11.3	-17.5	-25.0	0.9	2.5	3.4	2.3	-	
Fixed Income										
90 Day U.S. Treasury Bill	0.0	0.1	0.1	0.2	0.6	1.1	0.6	0.7	6.3	
Blmbg. U.S. Aggregate	-1.6	-4.7	-10.3	-10.3	-0.9	0.9	1.5	3.3	10.5	
Blmbg. U.S. Gov't/Credit	-1.6	-5.0	-11.0	-10.9	-0.8	1.0	1.7	3.4	10.3	
Bloomberg U.S. Municipal Bond Index	-1.6	-2.9	-9.0	-8.6	-0.2	1.5	2.4	3.6	9.7	
Blmbg. U.S. Corp: High Yield Index	-6.7	-9.8	-14.2	-12.8	0.2	2.1	4.5	5.8	-	
Real Estate	7.0	44.0	40.0	0.0	4.0	0.0	0.4	0.4	44.5	
FTSE NAREIT All REITs Index	-7.3	-14.8	-19.3	-6.9	4.6	6.2	8.1	6.1	11.5	
NCREIF Property Index Alternatives	-	3.2	8.7	21.5	10.2	8.9	9.7	7.2	7.8	
HFRI Fund of Funds Composite Index Inflation	-1.4	-4.1	-6.7	-5.7	3.9	3.6	3.7	1.8	-	
CPI - All Urban Consumers (SA)	1.3	2.6	5.4	9.0	5.0	3.9	2.6	2.4	3.1	





#### Return Summary (%)



									Tota	al Portfolio
									Jı	une 30, 2022
	Market Value (\$)	% of Portfolio	3 Mo (%)	YTD	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Total Portfolio	131,779,216	100.00	-9.20	-13.25	-11.32	2.29	4.99	5.87	5.29	Oct-06
60% MSCI ACWI/40% BC Agg			-11.36	-16.28	-13.43	3.66	4.83	6.04	5.10	
Over/Under			2.16	3.03	2.11	-1.37	0.16	-0.17	0.19	
Total Portfolio(Excluding Cash)						4.92				Oct-12
60% MSCI ACWI/40% BC Agg			-11.36	-16.28	-13.43	3.66	4.83	6.04	5.70	
Over/Under			-0.99	-0.67	-0.54	1.26	2.92	-	1.84	
Total Equity				-22.06						Oct-12
MSCI AC World Index			-15.53	-19.97	-15.37	6.71	7.54	9.32	8.81	
Over/Under			-0.73	-2.09	-3.32	-1.37	0.39	-	-0.85	
Domestic Equity	47,512,138									Oct-12
Large Cap			-17.92						10.62	Oct-12
Large Cap Value				-22.96						Oct-12
Eagle LCV	17,649,787	13.39	-19.99	-27.10	-23.19	5.45	8.41	11.65	9.40	Nov-06
Russell 1000 Value Index			-12.21	-12.86	-6.82	6.87	7.17	10.50	6.54	
Over/Under			-7.78	-14.24	-16.37	-1.42	1.24	1.15	2.86	
iShares Russell 1000 Value(IWD)	9,637,429	7.31	-12.37	-13.02	-7.04	-	-	-	15.46	Jul-20
Russell 1000 Value Index			-12.21	-12.86	-6.82	6.87	7.17	10.50	15.71	
Over/Under			-0.16	-0.16	-0.22	-	-	-	-0.25	
	6,124,957									
iShares Core S&P 500 ETF(IVV)	2,440,830	1.85	-16.10	-19.94	-10.60	-	-	-	9.17	Dec-19
S&P 500 Index			-16.10	-19.96	-10.62	10.60	11.31	12.96	9.23	
Over/Under			0.00	0.02	0.02	-	-	-	-0.06	
Vanguard S&P 500(VOO)	894,974	0.68	-16.10	-	-	-	-	-	-	Feb-22
S&P 500 Index			-16.10	-19.96	-10.62	10.60	11.31	12.96	-13.19	
Over/Under			0.00	-	-	-	-	-	-	
iShares Edge MSCI Multifactor USA ETF(LRGF)	2,124,100	1.61	-14.40	-17.92	-10.21	-	-	-	6.00	Dec-19
Russell 1000 Value Index			-12.21	-12.86	-6.82	6.87	7.17	10.50	5.62	
Over/Under			-2.19	-5.06	-3.39	-	-	-	0.38	
ARK Innovation ETF(ARKK)	665,053	0.50	-39.84	-57.85	-69.34	-	-	-	-7.82	Dec-19
S&P 500 Index			-16.10	-19.96	-10.62	10.60	11.31	12.96	9.23	
Over/Under			-23.74	-37.89	-58.72	-	-	-	-17.05	

									Tota	al Portfolio
	Market Value (\$)	% of Portfolio	3 Mo (%)	YTD	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Large Cap Growth	5,292,439	4.02	-19.33	-27.35	-18.85				9.76	Nov-19
AB US Large Cap Growth	2,826,832	2.15	-17.95	-27.23	-18.72	-	-	-	10.09	Dec-19
Russell 1000 Growth Index			-20.92	-28.07	-18.77	12.58	14.29	14.80	10.99	
Over/Under			2.97	0.84	0.05	-	-	-	-0.90	
iShares Russell 1000 Growth(IWF)	2,465,607	1.87	-21.19	-	-	-	-	-	-18.07	Mar-22
Russell 1000 Growth Index			-20.92	-28.07	-18.77	12.58	14.29	14.80	-17.83	
Over/Under			-0.27	-	-	-	-	-	-0.24	
Small/Mid Cap	8,807,526									Oct-12
Fiera SMID Growth	3,380,119	2.56	-21.45	-27.21	-24.09	8.69	10.95	-	10.97	Jul-13
Russell 2500 Growth Index			-19.55	-29.45	-31.81	3.68	7.53	10.88	9.49	
Over/Under			-1.90	2.24	7.72	5.01	3.42	-	1.48	
Atlanta Capital	3,838,209	2.91	-11.16	-15.22	-8.57	7.04	10.97	13.50	13.85	Mar-10
Russell 2500 Index			-16.98	-21.81	-21.00	5.91	7.04	10.49	10.87	
Over/Under			5.82	6.59	12.43	1.13	3.93	3.01	2.98	
iShares Core S&P Mid-Cap ETF(IJH)	176,384	0.13	-15.38	-19.53	-14.62	-	-	-	12.73	Nov-20
S&P MidCap 400 Index			-15.42	-19.54	-14.64	6.87	7.02	10.90	12.79	
Over/Under			0.04	0.01	0.02	-	-	-	-0.06	
Vanguard Mid-Cap(VO)	619,891	0.47	-16.97	-	-	-	-	-	-14.76	Mar-22
Russell Midcap Index			-16.85	-21.57	-17.30	6.59	7.96	11.29	-14.72	
Over/Under			-0.12	-	-	-	-	-	-0.04	
iShares Core S&P Small-Cap ETF(IJR)	88,975	0.07	-14.03	-18.88	-16.85	-	-	-	17.82	Nov-20
S&P SmallCap 600 Index			-14.11	-18.94	-16.81	7.30	7.20	11.26	17.91	
Over/Under			0.08	0.06	-0.04	-	-	-	-0.09	
Vanguard Small-Cap(VB)	617,040	0.47	-16.87	-	-	-	-	-	-15.65	Mar-22
Russell 2000 Index			-17.20	-23.43	-25.20	4.21	5.17	9.35	-16.16	
Over/Under			0.33	-	-	-	-	-	0.51	
iShares Edge MSCI Multifactor USA Small-Cap ETF(SMLF)	86,909	0.07	-13.75	-17.69	-13.37	-	-	-	5.39	Dec-19
Russell 2000 Index			-17.20	-23.43	-25.20	4.21	5.17	9.35	3.21	
Over/Under			3.45	5.74	11.83	-	-	-	2.18	

									Tota	al Portfolio
	Market Value (\$)	% of Portfolio	3 Mo (%)	YTD	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
International	19,874,419	15.08	-12.63	-19.31	-19.60	0.07	1.42		-0.63	Oct-12
MSCI AC World ex USA			-13.54	-18.15	-19.01	1.81	2.98	5.31	4.67	
Over/Under			0.91	-1.16	-0.59	-1.74	-1.56	-	-5.30	
Total Developed Markets									3.47	
iShares MSCI ACWI ETF(ACWI)	6,079,790	4.61	-15.08	-19.83	-15.37	-	-	-	16.16	Apr-20
MSCI AC World Index			-15.53	-19.97	-15.37	6.71	7.54	9.32	16.63	
Over/Under			0.45	0.14	0.00	-	-	-	-0.47	
iShares Core MSCI EAFE ETF(IEFA)	544,429	0.41	-13.44	-19.27	-18.00	-	-	-	0.34	Dec-19
MSCI EAFE Index			-14.29	-19.25	-17.33	1.54	2.69	5.89	0.35	
Over/Under			0.85	-0.02	-0.67	-	-	-	-0.01	
iShares Edge MSCI Multifactor Intl ETF(INTF)	452,668	0.34	-13.02	-16.50	-17.49	-	-	-	-0.58	Dec-19
MSCI EAFE Index			-14.29	-19.25	-17.33	1.54	2.69	5.89	0.35	
Over/Under			1.27	2.75	-0.16	-	-	-	-0.93	
iShares MSCI EAFE Value ETF(EFV)	178,956	0.14	-10.89	-10.94	-11.42	-	-	-	-8.78	May-21
MSCI EAFE Value			-12.11	-11.67	-11.29	0.79	1.13	4.85	-8.80	
Over/Under			1.22	0.73	-0.13	-	-	-	0.02	
MFS Intl Diversification(MDIJX)	5,643,370	4.28	-12.37	-20.24	-19.69	-	-	-	1.12	Dec-19
MSCI AC World Index			-15.53	-19.97	-15.37	6.71	7.54	9.32	5.64	
Over/Under			3.16	-0.27	-4.32	-	-	-	-4.52	
Total Emerging Markets					-25.43					Oct-12
Vanguard FTSE Emerging Markets ETF(VWO)	4,705,630	3.57	-9.06	-14.94	-21.04	-	-	-	-13.65	Mar-21
FTSE Emerging Mkts All Cap China A Inclusion Index			-10.40	-15.26	-20.96	2.42	3.48	4.00	-13.47	
Over/Under			1.34	0.32	-0.08	-	-	-	-0.18	
iShares Edge MSCI Multifactor EmMkts ETF(EMGF)	278,874	0.21	-10.40	-15.15	-18.45	-	-	-	3.19	Dec-19
MSCI Emerging Markets Index			-11.34	-17.47	-25.00	0.92	2.55	3.43	1.14	
Over/Under			0.94	2.32	6.55	-	-	-	2.05	
iShares Core MSCI Emerging Markets ETF(IEMG)	281,802	0.21	-10.64	-17.07	-24.17	-	-		1.70	Dec-19
MSCI Emerging Markets Index			-11.34	-17.47	-25.00	0.92	2.55	3.43	1.14	
Over/Under	4 =00 000	4.00	0.70	0.40	0.83	-	-	-	0.56	
Columbia Emerging Mkts(CEKRX)	1,708,900	1.30	-13.65	-29.60	-39.60	-	-	-	-39.60	Jul-21
MSCI Emerging Markets Index			-11.34	-17.47	-25.00	0.92	2.55	3.43	-25.00	
Over/Under	44.070.040	40.00	-2.31	-12.13	-14.60		- 100	-	-14.60	0.440
Total Fixed Income	14,073,949	10.68	-3.72	-6.88	-6.44	0.47	4.07	4 = 4	4.41	Oct-12
Blmbg. U.S. Aggregate			-4.69	-10.35	-10.29	-0.94	0.88	1.54	1.42	
Over/Under	0.500.077	4.00	0.97	3.47	3.85	1.41	3.19	-	2.99	D 10
Boyd Watterson Intermediate Plus	6,533,277	4.96	-3.50	-8.09	-8.49	-	-	4 54	-1.27	Dec-19
Blmbg. U.S. Aggregate			-4.69 1.10	-10.35	-10.29	-0.94	0.88	1.54	-2.03	
Over/Under			1.19	2.26	1.80	-	-	-	0.76	

City of Bridgeport Pension Plan A

									Tota	al Portfolio
	Market Value (\$)	% of Portfolio	3 Mo (%)	YTD	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
iShares Core US Agg Bond ETF(AGG)	2,365,700	1.80	-4.58	-10.15	-10.25	-	-	-	-2.08	Dec-19
Blmbg. U.S. Aggregate			-4.69	-10.35	-10.29	-0.94	0.88	1.54	-2.03	
Over/Under			0.11	0.20	0.04	-	-	-	-0.05	
GoldenTree High Grage Floating Rate	3,073,058	2.33	-3.54	-4.12	-3.47	0.51	-	-	0.76	May-19
Blmbg. U.S. Aggregate Float Adjusted Over/Under			-4.73 1.19	-10.46 6.34	-10.38 6.91	-0.91 1.42	0.90	1.56 -	0.10 0.66	
EnTrust Structured Income Fund	1,952,868	1.48	-4.57	-3.92	-0.59	10.80	10.83	-	7.88	Apr-13
Blmbg. U.S. Aggregate	, ,		-4.69	-10.35	-10.29	-0.94	0.88	1.54	1.48	•
Over/Under			0.12	6.43	9.70	11.74	9.95	-	6.40	
Mortgage Bonds	149,046	0.11	-5.90	-6.31	-0.33	3.38	4.65	7.39	-5.39	Nov-06
										Oct-12
HFRI Fund of Funds Composite Index			-4.08	-6.73	-5.65	3.88	3.59	3.73	3.57	
Over/Under			4.83	10.21	11.90	-2.32	0.44	-	0.16	
Longford Capital (\$5 million)	2,788,554	2.12	0.00	7.24	6.29	6.30	8.95	-	1.64	Jul-13
Boyd Watterson State Government Fund, LP	5,441,123	4.13	1.39	3.33	7.45	-	-	-	8.47	Jan-20
Boyd Watterson GSA Fund	5,151,968	3.91	1.33	3.00	5.58	-	-	-	7.31	Jan-21
Vanguard Real Estate Index Fund ETF Shares(VNQ)	229,750	0.17	-15.38	-20.52	-7.93	-	-	-	2.85	Dec-19
Dow Jones U.S. Select REIT			-18.10	-21.14	-6.41	2.54	4.28	6.61	0.47	
Over/Under			2.72	0.62	-1.52	-	-	-	2.38	
										Oct-12
Cash(FDRXX)	4,625,940	3.51	0.12	0.12	0.13	0.42	0.84	0.48	3.43	Nov-06
90 Day U.S. Treasury Bill			0.11	0.15	0.17	0.63	1.11	0.63	0.92	
Over/Under			0.01	-0.03	-0.04	-0.21	-0.27	-0.15	2.51	
Cash(388)-(FDRXX/FZFXX)	946,874	0.72	0.09	0.09	0.10	-	-	-	0.18	Dec-19
90 Day U.S. Treasury Bill			0.11	0.15	0.17	0.63	1.11	0.63	0.39	
Over/Under			-0.02	-0.06	-0.07	-	-	-	-0.21	
Vanguard Short-Term Federal(VSGDX)	31,134,500	23.63	-1.00	-3.85	-4.40	-	-	-	0.03	Dec-19
90 Day U.S. Treasury Bill			0.11	0.15	0.17	0.63	1.11	0.63	0.39	
Over/Under			-1.11	-4.00	-4.57	-	-	-	-0.36	

Approx. 2% of portfolio is unvalued as of 6/30.

#### **PENSION A CASH FLOW**

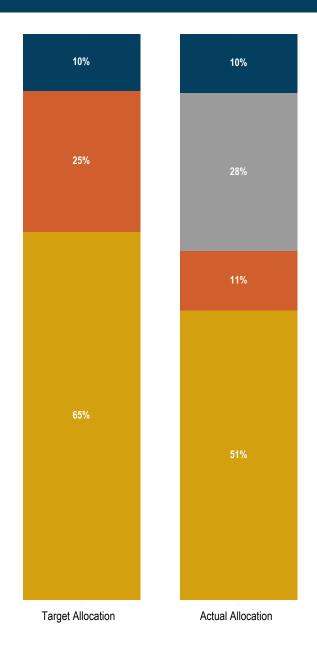
Fiscal Years 

Beginning Market Value	63,364,853	57,436,022	48,490,887	156,809,433	166,976,715
<b>Total Contributions</b>	16,753,233	16,718,116	138,020,879	10,010,755	9,311,500
Investment income	6,023,910	3,839,191	1,627,654	29,113,298	(16,592,614)
Benefit payouts	(28,276,455)	(29,349,556)	(31,078,873)	(28,690,738)	(27,406,961)
<b>Ending Market Value</b>	57,436,022	48,490,887	156,809,433	166,976,715	131,779,216

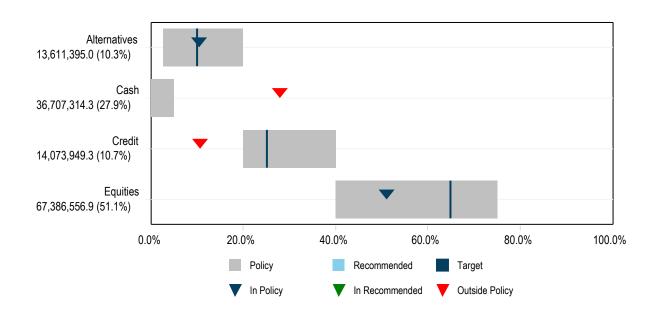
### 3 Year Risk Statistics as of June 30, 2022

		0 1 00.				•			
	Annualized Return (%)	Annualized Standard Deviation	Annualized Alpha (%)	Beta	Tracking Error	Up Market Capture Ratio (%)	Down Market Capture Ratio (%)	Sharpe Ratio	Intormation Ratio
Total Portfolio	2.3	8.3	-0.3	0.7	4.2	73.2	77.1	0.2	-0.4
60% MSCI ACWI/40% BC Agg	3.7	11.4	0.0	1.0	0.0	100.0	100.0	0.3	-
Total Portfolio(Excluding Cash)	4.9	14.4	0.6	1.2	4.1	128.4	125.3	0.4	0.4
60% MSCI ACWI/40% BC Agg	3.7	11.4	0.0	1.0	0.0	100.0	100.0	0.3	-
Eagle LCV	5.5	22.4	-1.6	1.1	7.3	112.4	120.7	0.3	-0.1
Russell 1000 Value Index	6.9	19.2	0.0	1.0	0.0	100.0	100.0	0.4	-
iShares Russell 1000 Value(IWD)	-	-	-	-	-	-	-	-	-
Russell 1000 Value Index	6.9	19.2	0.0	1.0	0.0	100.0	100.0	0.4	-
iShares Core S&P 500 ETF(IVV)	-	-	-	-	-	-	-	-	-
S&P 500 Index	10.6	18.4	0.0	1.0	0.0	100.0	100.0	0.6	-
iShares Edge MSCI Multifactor USA ETF(LRGF)	-	-	-	-	-	-	-	-	-
Russell 1000 Value Index	6.9	19.2	0.0	1.0	0.0	100.0	100.0	0.4	-
ARK Innovation ETF(ARKK)	-	-	-	-	-	-	-	-	-
S&P 500 Index	10.6	18.4	0.0	1.0	0.0	100.0	100.0	0.6	-
AB US Large Cap Growth	-	-	-	-	-	-	-	-	-
Russell 1000 Growth Index	12.6	20.8	0.0	1.0	0.0	100.0	100.0	0.6	-
Fiera SMID Growth	8.7	22.4	5.1	0.9	6.2	97.7	80.7	0.5	0.7
Russell 2500 Growth Index	3.7	23.5	0.0	1.0	0.0	100.0	100.0	0.2	-
Atlanta Capital	7.0	20.6	1.8	8.0	7.7	86.3	79.6	0.4	0.1
Russell 2500 Index	5.9	23.1	0.0	1.0	0.0	100.0	100.0	0.3	-
iShares Core S&P Mid-Cap ETF(IJH)	-	-	-	-	-	-	-	-	-
S&P MidCap 400 Index	6.9	22.1	0.0	1.0	0.0	100.0	100.0	0.4	-
iShares Core S&P Small-Cap ETF(IJR)	-	-	-	-	-	-	-	-	-
S&P SmallCap 600 Index	7.3	23.5	0.0	1.0	0.0	100.0	100.0	0.4	-
iShares Edge MSCI Multifactor USA Small-Cap ETF(SMLF)	-	-	-	-	-	-	-	-	-
Russell 2000 Index	4.2	23.9	0.0	1.0	0.0	100.0	100.0	0.3	-
iShares MSCI ACWI ETF(ACWI)	-	-	-	-	-	-	-	-	-
MSCI AC World Index	6.7	17.8	0.0	1.0	0.0	100.0	100.0	0.4	-
iShares Core MSCI EAFE ETF(IEFA)	-	-	-	-	-	-	-	-	-
MSCI EAFE Index	1.5	17.8	0.0	1.0	0.0	100.0	100.0	0.1	-
iShares Edge MSCI Multifactor Intl ETF(INTF)	-	-	-	-	-	-	-	-	-
MSCI EAFE Index	1.5	17.8	0.0	1.0	0.0	100.0	100.0	0.1	-
MFS Intl Diversification(MDIJX)	-	-	-	-	-	-	-	-	-
MSCI AC World Index	6.7	17.8	0.0	1.0	0.0	100.0	100.0	0.4	-
iShares Edge MSCI Multifactor EmMkts ETF(EMGF)	-	-	-	-	-	-	-	-	-
MSCI Emerging Markets Index	0.9	17.9	0.0	1.0	0.0	100.0	100.0	0.1	-
iShares Core MSCI Emerging Markets ETF(IEMG)	-	-	-	-	-	-	-	-	-
MSCI Emerging Markets Index	0.9	17.9	0.0	1.0	0.0	100.0	100.0	0.1	-
Columbia Emerging Mkts(CEKRX)	-	-	-	-	-	-	-	-	=
MSCI Emerging Markets Index	0.9	17.9	0.0	1.0	0.0	100.0	100.0	0.1	-
Lazard Emerging Markets	-	-	-	-	-	-	-	-	-

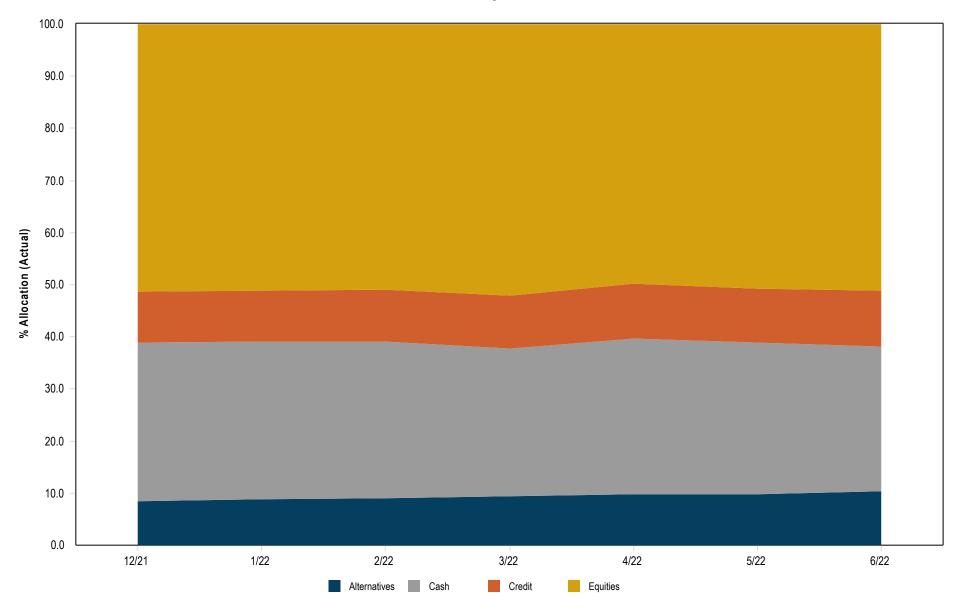
								To	otal Portfolio
	Annualized Return (%)	Annualized Standard Deviation	Annualized Alpha (%)	Beta	Tracking Error	Up Market Capture Ratio (%)	Down Market Capture Ratio (%)	Sharpe Ratio	Intormation Ratio
MSCI Emerging Markets Index	0.9	17.9	0.0	1.0	0.0	100.0	100.0	0.1	-
Boyd Watterson Intermediate Plus	-	-	-	-	-	-	-	-	-
Blmbg. U.S. Aggregate	-0.9	4.5	0.0	1.0	0.0	100.0	100.0	-0.3	-
iShares Core US Agg Bond ETF(AGG)	-	-	-	-	-	-	-	-	-
Blmbg. U.S. Aggregate	-0.9	4.5	0.0	1.0	0.0	100.0	100.0	-0.3	-
GoldenTree High Grage Floating Rate	0.5	7.2	1.1	0.3	7.7	61.7	41.8	0.0	0.2
Blmbg. U.S. Aggregate Float Adjusted	-0.9	4.6	0.0	1.0	0.0	100.0	100.0	-0.3	-
EnTrust Structured Income Fund	10.8	26.8	15.4	0.4	26.9	317.8	48.7	0.5	0.6
Blmbg. U.S. Aggregate	-0.9	4.5	0.0	1.0	0.0	100.0	100.0	-0.3	-
Vanguard Real Estate Index Fund ETF Shares(VNQ)	-	-	-	-	-	-	-	-	-
Dow Jones U.S. Select REIT	2.5	21.6	0.0	1.0	0.0	100.0	100.0	0.2	-
Lord Abbett Ultra Short Bond(LUBYX)	-	-	-	-	-	-	-	-	-
90 Day U.S. Treasury Bill	0.6	0.3	0.0	1.0	0.0	100.0	100.0	-	-
Vanguard Short-Term Federal(VSGDX)	-	-	-	-	-	-	-	-	-
90 Day U.S. Treasury Bill	0.6	0.3	0.0	1.0	0.0	100.0	100.0	-	-



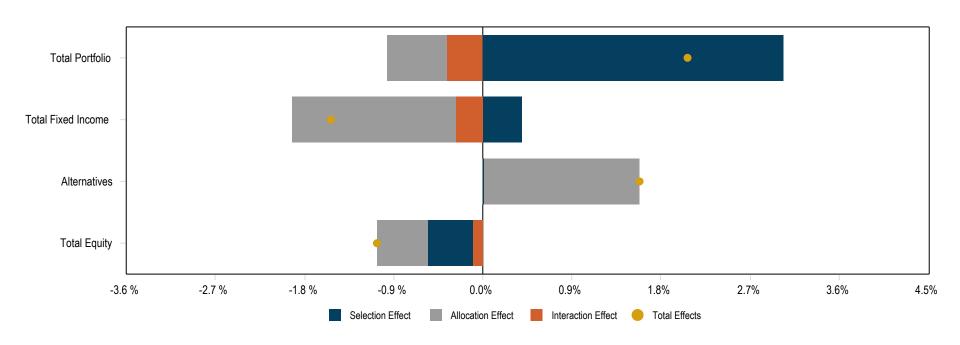
	Current Balance	Current Allocation	Policy	Policy Range	Difference	Within IPS Range?
Alternatives	\$13,611,395	10.3	10.0	2.5 - 20.0	0.3	Yes
Cash	\$36,707,314	27.9	0.0	0.0 - 5.0	27.9	No
Credit	\$14,073,949	10.7	25.0	20.0 - 40.0	-14.3	No
Equities	\$67,386,557	51.1	65.0	40.0 - 75.0	-13.9	Yes
Total	\$131,779,216	100.0	100.0		0.0	



#### Asset Allocation History as of June 30, 2022



#### **Last Calendar Quarter**



#### **Last Calendar Quarter**

	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effect	Total Effect
Total Fixed Income	-3.7	-4.7	1.0	0.1	-1.7	-0.3	-1.5
Alternatives	0.7	-4.1	4.8	0.0	1.6	0.0	1.6
Total Equity	-16.3	-15.5	-0.7	-0.6	-0.5	-0.1	-1.1
Total Portfolio	-9.2	-11.3	2.1	-0.4	-0.6	-0.4	2.1

2nd Quarter Commentary

#### **Total Fund**

The City of Bridgeport Pension Plan ended the 2<sup>nd</sup> quarter with \$131.8 million in assets (which includes approximately \$1.5 million in net distributions for the quarter), down from \$146.8 million in March.

The Total Portfolio returned -9.2% for the quarter, leading the benchmark by 2.2% and ranking in the top quartile (21st percentile) of the All Public Plans Universe. For the Fiscal Year, The Portfolio lead the benchmark by 2.1% but ranked below the median (53rd percentile) of the same universe for this time-period.

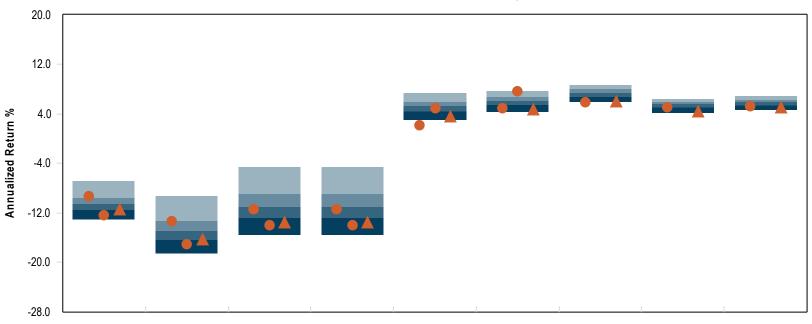
The Total Portfolio (excluding cash) returned -12.4% for the quarter, trailing the benchmark by 1.0% and ranking in the bottom quartile (90<sup>th</sup> percentile) of the All Public Plans Universe. For the Fiscal Year, The Portfolio (Excluding Cash) trailed the benchmark by 54 basis points and ranked in the bottom quartile (86<sup>th</sup> percentile) of the same universe for this time-period.

Watch List (due to underperformance for the past three consecutive quarters)

Eagle LCV
ARK Innovation ETF(ARKK) (4)
Columbia Emerging Mkts(CEKRX)

\*Approximately 2% of portfolio is unvalued as of 6/30.

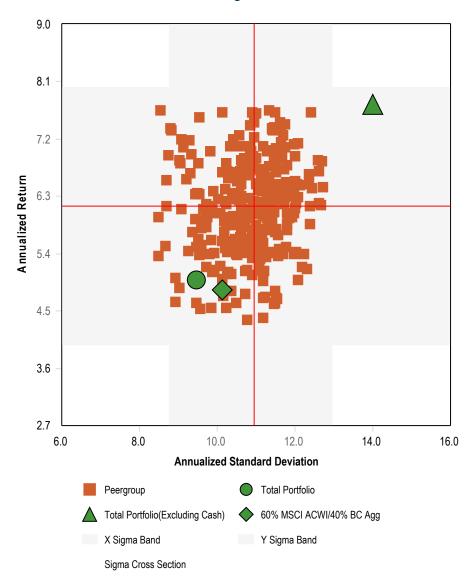
#### Total Portfolio vs. All Public Plans-Total Fund as of June 30, 2022



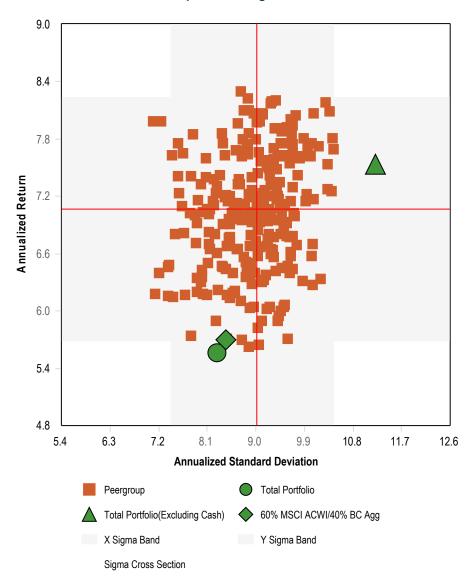
	Period									
	Quarter	YTD	Jul-2021 To Jun-2022	1 Year	3 Years	5 Years	10 Years	15 Years	Since Inception	
<ul><li>Total Portfolio</li></ul>	-9.2 (21)	-13.2 (26)	-11.3 (53)	-11.3 (53)	2.3 (97)	5.0 (88)	5.9 (96)	5.1 (78)	5.3 (88)	
<ul> <li>Total Portfolio(Excluding Cash)</li> </ul>	-12.3 (90)	-16.9 (83)	-14.0 (86)	-14.0 (86)	4.9 (64)	7.8 (5)	-	-	-	
▲ 60% MSCI ACWI/40% BC Agg	-11.4 (71)	-16.3 (73)	-13.4 (80)	-13.4 (80)	3.7 (92)	4.8 (90)	6.0 (95)	4.5 (92)	5.1 (92)	
5th Percentile	-6.8	-9.3	-4.5	-4.5	7.4	7.7	8.6	6.5	6.8	
1st Quartile	-9.5	-13.2	-8.9	-8.9	6.0	6.7	8.0	5.9	6.3	
Median	-10.6	-15.0	-11.1	-11.1	5.3	6.2	7.3	5.5	5.9	
3rd Quartile	-11.6	-16.4	-12.9	-12.9	4.5	5.5	6.8	5.1	5.5	
95th Percentile	-12.9	-18.4	-15.6	-15.6	3.0	4.3	5.9	4.1	4.6	
Population	415	414	414	414	401	386	323	236	193	

Parentheses contain percentile rankings. Calculation based on monthly periodicity.

## Annualized Return vs. Annualized Standard Deviation 5 Years Ending June 30, 2022



## Annualized Return vs. Annualized Standard Deviation Since Inception Ending June 30, 2022



June 30, 2022

			ouric ou, z
Market Value As of 06/30/2022	% of Portfolio	Estimated Annual Fee (\$)	Estimated Annual Fee (%)
131,779,216	100.00	581,671	0.44
17,649,787	13.39	144,873	0.82
9,637,429	7.31	18,311	0.19
2,440,830	1.85	732	0.03
894,974	0.68	268	0.03
2,124,100	1.61	1,699	0.08
665,053	0.50	4,988	0.75
2,826,832	2.15	11,025	0.39
2,465,607	1.87	4,685	0.19
3,380,119	2.56	14,935	0.44
3,838,209	2.91	18,040	0.47
176,384	0.13	88	0.05
619,891	0.47	248	0.04
88,975	0.07	53	0.06
617,040	0.47	309	0.05
86,909	0.07	261	0.30
6,079,790	4.61	19,455	0.32
544,429	0.41	381	0.07
452,668	0.34	679	0.15
178,956	0.14	626	0.35
5,643,370	4.28	46,840	0.83
278,874	0.21	1,255	0.45
4,705,630	3.57	3,765	0.08
281,802	0.21	254	0.09
1,708,900	1.30	17,943	1.05
6,533,277	4.96	22,866	0.35
2,365,700	1.80	710	0.03
3,073,058	2.33	7,683	0.25
1,952,868	1.48	14,647	0.75
149,046	0.11	-	-
2,788,554	2.12	55,771	2.00
5,441,123	4.13	68,014	1.25
5,151,968	3.91	64,400	1.25
229,750	0.17	276	0.12
4,625,940	3.51	3,701	0.08
946,874	0.72	758	0.08
31,134,500	23.63	31,135	0.10
	As of 06/30/2022  131,779,216  17,649,787  9,637,429  2,440,830  894,974  2,124,100  665,053  2,826,832  2,465,607  3,380,119  3,838,209  176,384  619,891  88,975  617,040  86,909  6,079,790  544,429  452,668  178,956  5,643,370  278,874  4,705,630  281,802  1,708,900  6,533,277  2,365,700  3,073,058  1,952,868  149,046  2,788,554  5,441,123  5,151,968  229,750  4,625,940  946,874	As of 06/30/2022  131,779,216 100.00 17,649,787 13.39 9,637,429 7.31 2,440,830 894,974 0.68 2,124,100 1.61 665,053 0.50 2,826,832 2,15 2,465,607 1.87 3,380,119 2.56 3,838,209 2.91 176,384 0.13 619,891 0.47 88,975 0.07 617,040 0.47 86,909 0.07 6,079,790 4.61 544,429 0.41 452,668 0.34 178,956 0.14 5,643,370 4.28 278,874 0.21 4,705,630 3,073,058 2,365,700 1.80 3,073,058 2,33 1,952,868 1.48 149,046 0.11 2,788,554 2,12 5,441,123 5,151,968 2,97,50 0.17 4,625,940 946,874 0.72	As of 06/30/2022 % of Portfolio Fee (\$)  131,779,216 100.00 581,671  17,649,787 13.39 144,873  9,637,429 7.31 18,311  2,440,830 1.85 732  894,974 0.68 268  2,124,100 1.61 1,699  665,053 0.50 4,988  2,826,832 2.15 11,025  2,465,607 1.87 4,685  3,380,119 2.56 14,935  3,838,209 2.91 18,040  176,384 0.13 88  619,891 0.47 248  8,975 0.07 53  617,040 0.47 309  86,909 0.07 261  6,079,790 4.61 19,455  544,429 0.41 381  452,668 0.34 679  178,956 0.14 626  5,643,370 4.28 46,840  278,874 0.21 1,255  4,705,630 3.57 3,765  281,802 0.21 254  1,708,900 1.30 17,943  6,533,277 4.96 22,866  2,366,700 1.80 710  3,073,058 2.33 7,683  1,952,868 148 14,647  1,940,646 0.11  2,788,554 2.12 55,711  5,441,123 4.13 68,014  5,151,968 3.91 64,400  229,750 0.17 276  4,625,940 3.51 3,701  946,874 0.72 758

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A "since inception" return, if reported, begins with the first full month after funding, although actual inception dates (e.g., the middle of a month) and the timing of cash flows are taken into account in Composite return calculations.

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#### INDEX DEFINITIONS

- Citigroup 3 Month T-Bill measures monthly return equivalents of yield averages that are not marked to market. The Three-Month Treasury Bill Indexes consist of the last three three-month Treasury bill issues.
- Bloomberg Barclays Treasury U.S. T-Bills-1-3 Month Index includes aged U.S. Treasury bills, notes and bonds with a remaining maturity from 1 up to (but not including) 3 months. It excludes zero coupon strips.
- Bloomberg Barclays Capital US Treasury Inflation Protected Securities Index consists of Inflation-Protection securities issued by the U.S. Treasury.
- Bloomberg Barclays Muni Index is a rules-based, market-value-weighted index engineered for the long-term tax-exempt bond market. Bonds must be rated investment-grade by at least two ratings agencies.
- Bloomberg Barclays Muni 1 Year Index is the 1-year (1-2) component of the Municipal Bond index.
- Bloomberg Barclays Muni 3 Year Index is the 3-year (2-4) component of the Municipal Bond index.
- Bloomberg Barclays Muni 5 Year Index is the 5-year (4-6) component of the Municipal Bond index.
- Bloomberg Barclays Muni 7 Year Index is the 7-year (6-8) component of the Municipal Bond index.
- Bloomberg Barclays Intermediate U.S. Gov't/Credit is the Intermediate component of the U.S. Government/Credit index, which includes securities in the Government and Credit Indices. The Government Index includes treasuries and agencies, while the credit index includes publicly issued U.S. corporate and foreign debentures and secured notes that meet specified maturity, liquidity, and quality requirements.
- Bloomberg Barclays U.S. Aggregate Index covers the U.S. investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset backed securities.
- Bloomberg Barclays Global Aggregate ex. USD Indices represent a broad-based measure of the global investment-grade fixed income markets. The two major components of this index are the Pan-European Aggregate and the Asian-Pacific Aggregate Indices. The index also includes Eurodollar and Euro-Yen corporate bonds and Canadian government, agency and corporate securities.
- Bloomberg Barclays U.S. Corporate High Yield Index covers the universe of fixed rate, non-investment grade debt. Eurobonds and debt issues from countries designated as emerging markets (sovereign rating of Baa1/BBB+/BBB+ and below using the middle of Moody's, S&P, and Fitch) are excluded, but Canadian and global bonds (SEC registered) of issuers in non-EMG countries are included.
- JP Morgan Government Bond Index-Emerging Market (GBI-EM) Index is a comprehensive, global local emerging markets index, and consists of regularly traded, liquid fixed-rate, domestic currency government bonds to which international investors can gain exposure.
- The S&P 500 is a capitalization-weighted index of 500 stocks designed to measure performance of the broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.
- The Dow Jones Industrial Index is a price-weighted average of 30 blue-chip stocks that are generally the leaders in their industry.
- The NASDAQ is a broad-based capitalization-weighted index of stocks in all three NASDAQ tiers: Global Select, Global Market and Capital Market.
- Russell 3000 is a market-cap-weighted index which consists of roughly 3,000 of the largest companies in the U.S. as determined by market capitalization. It represents nearly 98% of the investable U.S. equity market.
- Russell 1000 consists of the largest 1000 companies in the Russell 3000 Index.
- Russell 1000 Growth measures the performance of those Russell 1000 companies with higher P/B ratios and higher forecasted growth values.
- Russell 1000 Value measures the performance of those Russell 1000 companies with lower P/B ratios and lower forecasted growth values.
- Russell Mid Cap measures the performance of the 800 smallest companies in the Russell 1000 Index.
- Russell Mid Cap Growth measures the performance of those Russell Mid Cap companies with higher P/B ratios and higher forecasted growth values.
- Russell Mid Cap Value measures the performance of those Russell Mid Cap companies with lower P/B ratios and lower forecasted growth values.

- Russell 2000 consists of the 2,000 smallest U.S. companies in the Russell 3000 index.
- Russell 2000 Growth measures the performance of the Russell 2000 companies with higher P/B ratios and higher forecasted growth values.
- Russell 2000 Value measures the performance of those Russell 2000 companies with lower P/B ratios and lower forecasted growth values.
- Russell 2500 consists of the 2,500 smallest U.S. companies in the Russell 3000 index.
- Russell 2500 Growth measures the performance of the Russell 2500 companies with higher P/B ratios and higher forecasted growth values.
- Russell 2500 Value measures the performance of those Russell 2500 companies with lower P/B ratios and lower forecasted growth values.
- MSCI World captures large and mid-cap representation across 23 Developed Markets countries. With 1,645 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.
- MSCI ACWI (All Country World Index) ex. U.S. Index captures large and mid-cap representation across 22 of 23 Developed Markets countries (excluding the United States) and 23 Emerging Markets countries. With 1,859 constituents, the index covers approximately 85% of the global equity opportunity set outside the US.
- MSCI ACWI (All Country World Index) ex. U.S. Small Cap Index captures small cap representation across 22 of 23 Developed Markets countries (excluding the US) and 23 Emerging Markets countries. With 4,368 constituents, the index covers approximately 14% of the global equity opportunity set outside the US.
- MSCI EAFE is an equity index which captures large and mid-cap representation across Developed Markets countries around the world, excluding the US and Canada. With 930 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.
- MSCI EAFE Value captures large and mid-cap securities exhibiting overall value style characteristics across Developed Markets countries around the world, excluding the US and Canada. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield. With 507 constituents, the index targets 50% coverage of the free float- adjusted market capitalization of the MSCI EAFE Index.
- MSCI EAFE Growth captures large and mid-cap securities exhibiting overall growth style characteristics across Developed Markets countries around the world, excluding the US and Canada. The growth investment style characteristics for index construction are defined using five variables: long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long term historical sales per share growth trend. With 542 constituents, the index targets 50% coverage of the free float-adjusted market capitalization of the MSCI EAFE Index.
- MSCI Emerging Markets captures large and mid-cap representation across 23 Emerging Markets countries. With 836 constituents, the index covers approximately 85% of the free-float adjusted market capitalization in each country.
- Consumer Price Index is a measure of prices paid by consumers for a market basket of consumer goods and services. The yearly (or monthly) growth rates represent the inflation rate.
- FTSE NAREIT Equity REITs Index contains all Equity REITs not designed as Timber REITs or Infrastructure REITs.
- S&P Developed World Property defines and measures the investable universe of publicly traded property companies domiciled in developed markets. The companies in the index are engaged in real estate related activities, such as property ownership, management, development, rental and investment.
- S&P Developed World Property x U.S. defines and measures the investable universe of publicly traded property companies domiciled in developed countries outside of the U.S. The companies included are engaged in real estate related activities, such as property ownership, management, development, rental and investment.
- Bloomberg Commodity Index is calculated on an excess return basis and reflects commodity futures price movements. The index rebalances annually weighted 2/3 by trading volume and 1/3 by world production and weight-caps are applied at the commodity, sector and group level for diversification.
- HFRI Fund Weighted Composite Index is a global, equal-weighted index of over 2,000 single-manager funds that report to HFR Database. Constituent funds report monthly net of all fees performance in US Dollar and have a minimum of \$50 Million under management or a twelve (12) month track record of active performance. The HFRI Fund Weighted Composite Index does not include Funds of Hedge Funds.
- The Alerian MLP Index is the leading gauge of energy Master Limited Partnerships (MLPs). The float adjusted, capitalization-weighted index, whose constituents represent approximately 85% of total float-adjusted market capitalization, is disseminated real-time on a price-return basis (AMZ) and on a total-return basis.
- The Adjusted Alerian MLP Index is commensurate with 65% of the monthly returns of the Alerian MLP Index to incorporate the effect of deferred tax liabilities incurred by MLP entities.

#### **DEFINITION OF KEY STATISTICS AND TERMS**

- Returns: A percentage figure used when reporting historical average compounded rate of investment return. All returns are annualized if the period for which they are calculated exceeds one year.
- Universe Comparison: The universe compares the fund's returns to a group of other investment portfolios with similar investment strategies. The returns for the fund, the index and the universe percentiles are displayed. A percentile ranking of 1 is the best, while a percentile ranking of 100 is the worst. For example, a ranking of 50 indicates the fund outperformed half of the universe. A ranking of 25 indicates the fund was in the top 25% of the universe, outperforming75%.
- Returns In Up/Down Markets: This measures how the fund performed in both up and down markets. The methodology is to segregate the performance for each time period into the quarters in which the market, as defined by the index, was positive and negative. Quarters with negative index returns are treated as down markets, and quarters with positive index returns are treated as up markets. Thus, in a 3 year or 12 quarter period, there might be 4 down quarters and 8 up quarters. A simple arithmetic average of returns is calculated for the fund and the index based on the up quarters. A simple arithmetic average of returns is calculated for the fund and the index based on the down quarters. The up-market capture ratio is the ratio of the fund's return in up markets to the index. The down-market capture ratio is the ratio of the fund's return in down markets to the index. Ideally, the fund would have a greater up market capture ratio than down market capture ratio.
- Standard Deviation: Standard deviation is a statistical measure of the range of performance within which the total returns of a fund fall. When a fund has a high standard deviation, the range of performance is very wide, meaning there is a greater volatility. Approximately 68% of the time, the total return of any given fund will differ from the average total return by no more than plus or minus the standard deviation figure. Ninety-five percent of the time, a fund's total return will be within a range of plus or minus two times the standard deviation from the average total return. If the quarterly or monthly returns are all the same the standard deviation will be zero. The more they vary from one another, the higher the standard deviation. Standard deviation can be misleading as a risk indicator for funds with high total returns because large positive deviations will increase the standard deviation without a corresponding increase in the risk of the fund. While positive volatility is welcome, negative is not
- R-Squared: This reflects the percentage of a fund's movements that are explained by movements in its benchmark index. An R-squared of 100 means that all movements of a fund are completely explained by movements in the index. Conversely, a low R-squared indicates very few of the fund's movements are explained by movements in the benchmark index. R-squared can also be used to ascertain the significance of a particular beta. Generally, a higher R-squared will indicate a more reliable beta figure. If the R-squared is lower, then the beta is less relevant to the fund's performance. A measure of diversification, R-squared indicates the extent to which fluctuations in portfolio returns are explained by market. An R-squared = 0.70 implies that 70% of the fluctuation in a portfolio's return is explained by the fluctuation in the market. In this instance, overweighting or underweighting of industry groups or individual securities is responsible for 30% of the fund's movement.
- Beta: This is a measure of a fund's market risk. The beta of the market is 1.00. Accordingly, a fund with a 1.10 beta is expected to perform 10% better than the market in up markets and 10% worse that the market in down markets. It is important to note, however, a low fund beta does not imply the fund has a low level of volatility; rather, a low beta means only that the fund's market-related risk is low. Because beta analyzes the market risk of a fund by showing how responsive the fund is to the market, its usefulness depends on the degree to which the markets determine the fund's total risk (indicated by R-squared).
- Alpha: The Alpha is the nonsystematic return, or the return that cannot be attributed to the market. It can be thought of as how the manager performed if the market's return was zero. A positive alpha implies the manager added value to the return of the portfolio over that of the market. A negative alpha implies the manager did not contribute any value over the performance of the market.
- Sharpe Ratio: The Sharpe ratio is the excess return per unit of total risk as measured by standard deviation. Higher numbers are better, indicating more return for the level of risk experienced. The ratio is a fund's return minus the risk-free rate of return (30-day T-Bill rate) divided by the fund's standard deviation. The higher the Sharpe ratio, the more reward you are receiving per unit of total risk. This measure can be used to rank the performance of mutual funds or other portfolios.
- Treynor Ratio: The Treynor ratio measures returns earned in excess of that which could have been earned on a riskless investment per each unit of market risk. The ratio relates excess return over the risk-free rate to the additional risk taken; however, systematic risk is used instead of total risk. The Treynor ratio is similar to the Sharpe ratio, except in the fact that it uses the beta to evaluate the returns
- Tracking Error: Tracking error measures the volatility of the difference in annual returns between the manager and the index. This value is calculated by measuring the standard deviation of the difference between the manager and index returns. For example, a tracking error of +/- 5 would mean there is about a 68% chance (1 standard deviation event) that the manager's returns will fall within +/- 5% of the benchmark's annual return.
- Information Ratio: The information ratio is a measure of the consistency of excess return. This value is determined by taking the annualized excess return over a benchmark (style benchmark by default) and dividing it by the standard deviation of excess return.
- Downside Risk: Downside risk is a measure similar to standard deviation but focuses only on the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. The higher the factor, the riskier the product.