

Table Of Contents

1	Compliance Report	Page 1
2	Asset Allocation Compliance Account Based	Page 4
3	Asset Allocation Compliance Segment Based	Page 6
4	Asset Allocation Pie Chart	Page 7
5	Comparative Performance Trailing Returns	Page 9
6	Comparative Performance Calendar Year	Page 14
7	Financial Reconciliation Quarter to Date	Page 19
8	Schedule of Investable Assets With Full Table	Page 21
9	Total Fund Composite Returns Based Analysis	Page 25
10	Historical Risk Statistics Total Fund	Page 27
11	Historical Risk Statistics Total Equity	Page 30
12	Historical Risk Statistics Total Fixed Income	Page 31
13	Ceredex Returns Based Analysis	Page 33
14	Rhumbline R1000G Returns Based Analysis	Page 37
15	Polen Returns Based Analysis	Page 41
16	ARKK Returns Based Analysis	Page 43
17	Vanguard R2000 (VRTIX) Returns Based Analysis	Page 52
18	Vanguard International Returns Based Analysis	Page 54
19	JPM International Returns Based Analysis	Page 62
20	GHA A+ Returns Based Analysis	Page 64
21	GHA EXCL A+ Fixed Inc Returns Based Analysis	Page 68
22	Barings Returns Based Analysis	Page 72
23	ASB Returns Based Analysis	Page 74
24	Benchmark History	Page 76
25	Fee Schedule	Page 78
26	Disclosures	Page 91
27	Definitions & Disclosure Pages	Page 92

Total Fund Compliance	Voc	Na
Total Fund Compliance:	Yes	No
The total plan return equaled or exceeded the total plan benchmark over the trailing three and five year periods.		•
The three and five year total plan returns rank in the top 40% of the Fund's peers.		•
The total plan return equaled or exceeded the 7.35% target rate of return over the trailing three year period.		•
The total plan return equaled or exceeded the 7.35% target rate of return over the trailing five year period.		•
Equity Compliance:		
Ceredex Large Cap Value	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.		•
The three and five year return ranks in the top 40% of its peers.		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	
Rhumbline S&P 500	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods. **		•
The three and five year return ranks in the top 40% of its peers. **		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	
Rhumbline R1000G	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.		•
The three and five year return ranks in the top 40% of its peers.	•	
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	

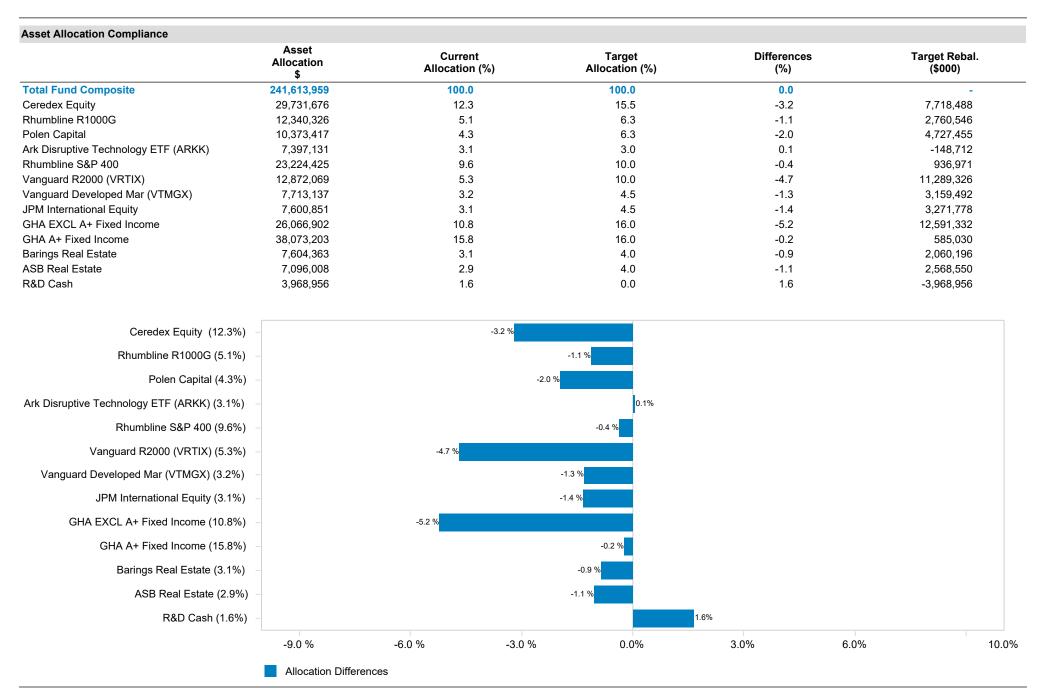
Polen Capital	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.		•
The three and five year return ranks in the top 40% of its peers.		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	
Rhumbline S&P 400	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods. **		•
The three and five year return ranks in the top 40% of its peers. **		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	
Vanguard R2000 Equity	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.	•	
The three and five year return ranks in the top 40% of its peers.		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	
Vanguard International Equity	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.		•
The three and five year return ranks in the top 40% of its peers.		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	
Vanguard Emerging Equity	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.**	•	
The three and five year return ranks in the top 40% of its peers.**		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	

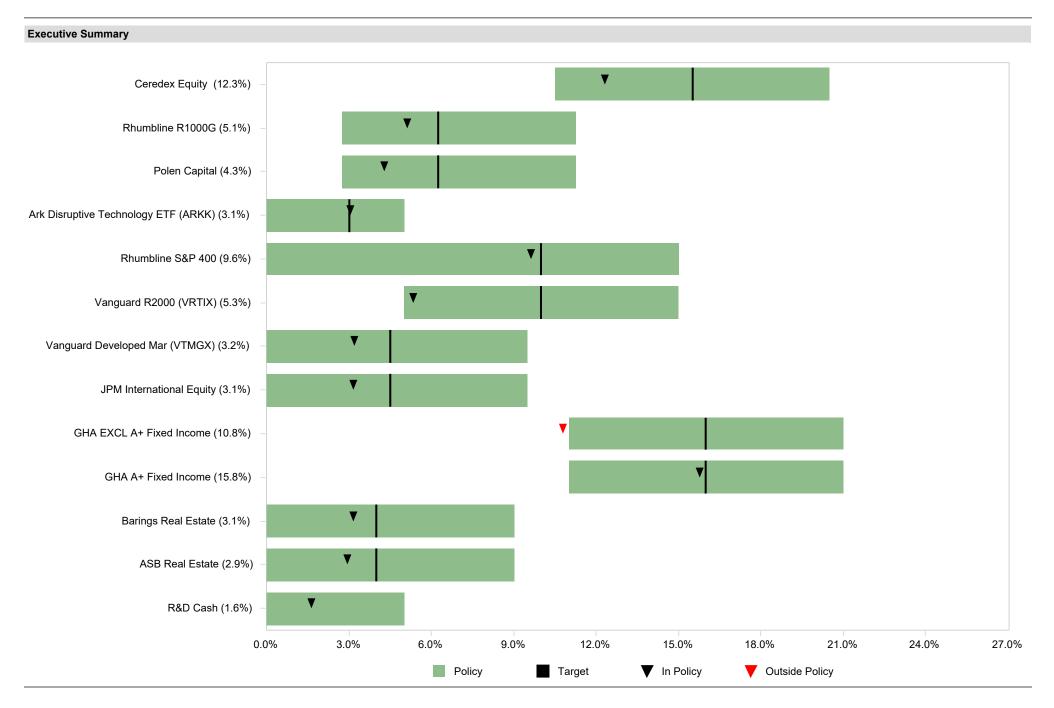
JPM International Equity	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.		•
The three and five year return ranks in the top 40% of its peers.		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
The aggregate investment in any one company is less than or equal to 5% of the outstanding shares of the company.	•	
Fixed Income Compliance:		
GHA Fixed Income BCAB A+	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.	•	
The three and five year return ranks in the top 40% of its peers.		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
Are all the fixed income securities ranked in the top "3" categories by Standard & Poor's or Moody's.	•	
GHA Fixed Income BCIGC	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.		•
The three and five year return ranks in the top 40% of its peers.		•
The amount invested in any one issuing company is less than or equal to 5% of the Manager's total fund.	•	
Are all the fixed income securities ranked in the top "3" categories by Standard & Poor's or Moody's.	•	
Real Estate Compliance:		
Barings Real Estate	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.	100	•
The three and five year return ranks in the top 40% of its peers.		•
ASB Real Estate	Yes	No
The return equaled or exceeded its benchmark over the trailing three and five year periods.		•
The three and five year return ranks in the top 40% of its peers.		•

^{*} Only 3 years available

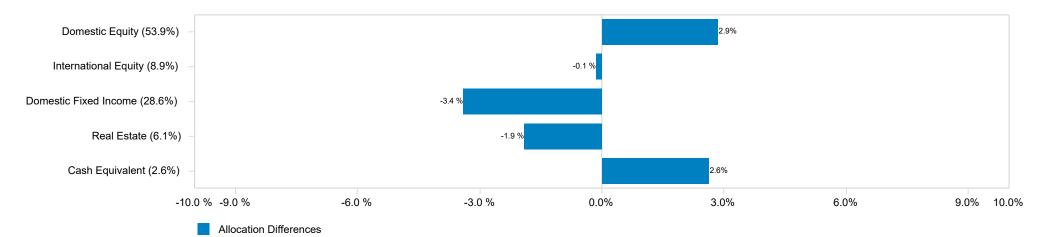
Net perfomance used when available

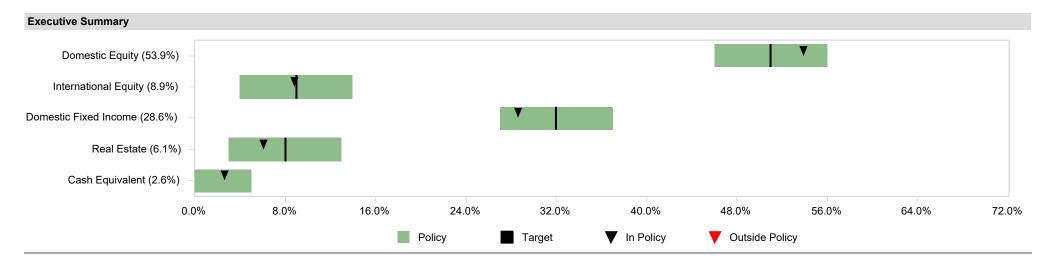
^{**} Since Inception





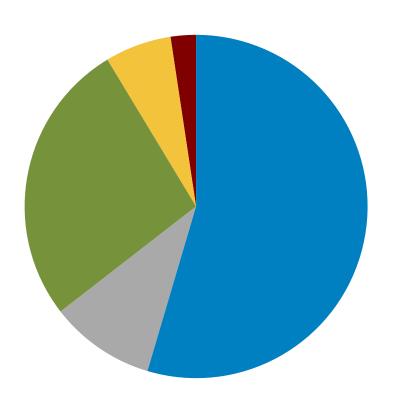
Asset Allocation Compliance	•				
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Domestic Equity	130,115,383	53.9	51.0	2.9	-6,892,264
International Equity	21,415,582	8.9	9.0	-0.1	329,675
Domestic Fixed Income	69,063,726	28.6	32.0	-3.4	8,252,741
Real Estate	14,700,371	6.1	8.0	-1.9	4,628,746
Cash Equivalent	6,318,897	2.6	0.0	2.6	-6,318,897
Total Fund	241,613,959	100.0	100.0	0.0	-

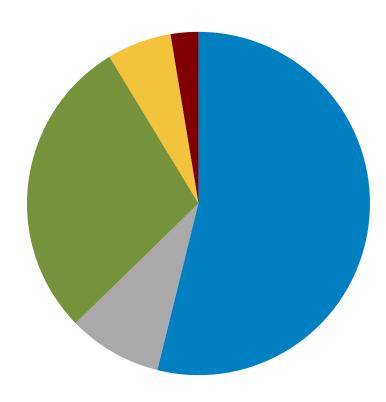




Asset Allocation By Segment as of September 30, 2024 : \$233,223,924

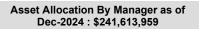
Asset Allocation By Segment as of December 31, 2024 : \$241,613,959

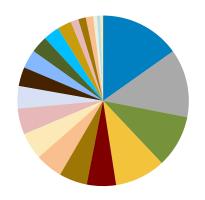


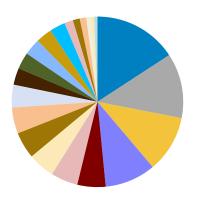


llocation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
■ Domestic Equity	127,288,921	54.6	■ Domestic Equity	130,115,383	53.9
■ International Equity	23,173,760	9.9	International Equity	21,415,582	8.9
■ Domestic Fixed Income	62,564,660	26.8	Domestic Fixed Income	69,063,726	28.6
Real Estate	14,628,820	6.3	Real Estate	14,700,371	6.1
■ Cash Equivalent	5,567,763	2.4	Cash Equivalent	6,318,897	2.6

Asset Allocation By Manager as of Sep-2024 : \$233,223,924







location			Allocation		
	Market Value	Allocation		Market Value	Allocation
GHA A+ Fixed Income	35,300,609	15.1	GHA A+ Fixed Income	38,073,203	15.8
■ Ceredex Equity	30,182,508	12.9	■ Ceredex Equity	29,731,676	12.3
■ Mutual of America Equity	23,150,830	9.9	GHA EXCL A+ Fixed Income	26,066,902	10.8
GHA EXCL A+ Fixed Income	22,312,443	9.6	Rhumbline S&P 400	23,224,425	9.6
■ Vanguard R2000 (VRTIX)	12,828,916	5.5	■ Vanguard R2000 (VRTIX)	12,872,069	5.3
Crawford Managed Income	12,357,257	5.3	Rhumbline R1000G	12,340,326	5.1
MassMutual Small Cap Opp (MSOOX)	11,981,921	5.1	Rhumbline S&P 500	12,180,210	5.0
Rhumbline S&P 500	11,894,205	5.1	■ Crawford Managed Income	12,159,843	5.0
Rhumbline R1000G	11,525,810	4.9	MassMutual Small Cap Opp (MSOOX)	11,982,936	5.0
Polen Capital	9,899,841	4.2	Polen Capital	10,373,417	4.3
■ Vanguard Developed Mar (VTMGX)	8,396,243	3.6	■ Vanguard Developed Mar (VTMGX)	7,713,137	3.2
JPM International Equity	8,195,259	3.5	■ Barings Real Estate	7,604,363	3.1
■ Barings Real Estate	7,518,035	3.2	JPM International Equity	7,600,851	3.1
ASB Real Estate	7,110,785	3.0	Ark Disruptive Technology ETF (ARKK)	7,397,131	3.1
Ark Disruptive Technology ETF (ARKK)	6,193,159	2.7	ASB Real Estate	7,096,008	2.9
R&D Cash	3,426,207	1.5	R&D Cash	3,968,956	1.6
■ Vanguard Emerging Mar Adm (VEMAX)	3,327,357	1.4	Vanguard Emerging Mar Adm (VEMAX)	3,148,161	1.3
■ iShares MSCI EM ex China ETF (EMXC)	3,254,902	1.4	■ iShares MSCI EM ex China ETF (EMXC)	2,953,433	1.2
First Trust Cloud Computing ETF (SKYY)	1,645,772	0.7	First Trust Cloud Computing ETF (SKYY)	1,917,117	8.0
■ Defiance 5G Next Gen Connectivity ETF (FIVG)	1,424,816	0.6	Ark Autonomous Technology & Robotics ETF (ARKQ)	1,644,730	0.7
Ark Autonomous Technology & Robotics ETF (ARKQ)	1,297,048	0.6	■ Defiance 5G Next Gen Connectivity ETF (FIVG)	1,565,064	0.6
Rhumbline S&P 400	-	0.0	■ Mutual of America Equity	-	0.0

Comparative Performance Trailing Returns									
	QTR	YTD	FYTD	1 YR	3 YR	5 YR	10 YR	Inception	Inceptio Date
Total Fund Composite (Gross)	-0.33 (23)	8.95 (80)	-0.33 (23)	8.95 (80)	1.34 (90)	5.95 (82)	6.56 (72)	6.39 (55)	01/01/1998
Total Fund Policy Index	-0.46 (30)	10.74 (51)	-0.46 (30)	10.74 (51)	3.20 (32)	7.41 (32)	7.37 (28)	6.73 (25)	
Difference	0.13	-1.79	0.13	-1.79	-1.86	-1.47	-0.82	-0.34	
All Public Plans-Total Fund Median	-0.93	10.83	-0.93	10.83	2.66	6.93	6.96	6.48	
otal Fund Composite (Net)	-0.39	8.69	-0.39	8.69	1.07	5.65	6.23	6.05	01/01/1998
Total Fund Policy Index	-0.46	10.74	-0.46	10.74	3.20	7.41	7.37	6.73	
Difference	0.07	-2.05	0.07	-2.05	-2.13	-1.77	-1.15	-0.68	
Crawford Managed Income	-1.46 (15)	12.91 (15)	-1.46 (15)	12.91 (15)	N/A	N/A	N/A	18.89 (47)	11/01/2023
NASDAQ U.S. Multi-Asset Diversified Income Index	-1.17 (8)	10.51 (30)	-1.17 (8)	10.51 (30)	6.06 (5)	3.70 (86)	4.12 (86)	19.06 (40)	
Difference	-0.29	2.40	-0.29	2.40	N/A	N/A	N/A	-0.17	
Global Allocation Median	-2.74	9.23	-2.74	9.23	2.17	5.54	5.79	18.40	
Total Equity Composite (Gross)	1.09	14.08	1.09	14.08	2.89	9.10	9.48	7.00	01/01/1998
Total Equity Policy Index	0.28	17.25	0.28	17.25	5.92	11.30	10.60	7.98	
Difference	0.82	-3.16	0.82	-3.16	-3.03	-2.20	-1.12	-0.99	
Total Domestic Equity									
Ceredex Equity (Gross)	-1.35 (53)	11.65 (79)	-1.35 (53)	11.65 (79)	3.97 (92)	8.16 (89)	8.77 (83)	11.50 (76)	01/01/2012
Russell 1000 Value Index	-1.98 (67)	14.37 (58)	-1.98 (67)	14.37 (58)	5.63 (73)	8.68 (85)	8.49 (89)	11.23 (84)	
Difference	0.63	-2.72	0.63	-2.72	-1.66	-0.53	0.29	0.27	
IM U.S. Large Cap Value Equity (SA+CF) Median	-1.27	15.66	-1.27	15.66	7.52	10.87	9.90	12.43	
Ceredex Equity (Net)	-1.48	11.20	-1.48	11.20	3.47	7.62	8.21	10.91	01/01/2012
Russell 1000 Value Index	-1.98	14.37	-1.98	14.37	5.63	8.68	8.49	11.23	
Difference	0.50	-3.17	0.50	-3.17	-2.16	-1.06	-0.28	-0.32	
Rhumbline S&P 500 (Gross)	2.40 (45)	N/A	2.40 (45)	N/A	N/A	N/A	N/A	8.42 (41)	07/01/2024
S&P 500 Index	2.41 (45)	25.02 (43)	2.41 (45)	25.02 (43)	8.94 (48)	14.53 (44)	13.10 (42)	8.44 (41)	
Difference	0.00	N/A	0.00	N/A	N/A	N/A	N/A	-0.01	
IM U.S. Large Cap Core Equity (SA+CF) Median	2.31	24.42	2.31	24.42	8.88	14.34	12.97	8.08	
Rhumbline S&P 500 (Net)	2.40	N/A	2.40	N/A	N/A	N/A	N/A	8.42	07/01/2024
S&P 500 Index	2.41	25.02	2.41	25.02	8.94	14.53	13.10	8.44	
Difference	0.00	N/A	0.00	N/A	N/A	N/A	N/A	-0.02	
Rhumbline R1000G (Gross)	7.07 (18)	33.32 (26)	7.07 (18)	33.32 (26)	10.45 (25)	18.96 (17)	N/A	18.09 (19)	01/01/2018
Russell 1000 Growth Index	7.07 (18)	33.36 (26)	7.07 (18)	33.36 (26)	10.47 (25)	18.96 (17)	16.78 (13)	18.08 (19)	
Difference	0.00	-0.04	0.00	-0.04	-0.03	0.00	N/A	0.01	
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.05	29.24	5.05	29.24	8.36	16.36	15.34	16.41	

	QTR	YTD	FYTD	1 YR	3 YR	5 YR	10 YR	Inception	Inception Date
Rhumbline R1000G (Net)	7.07	33.28	7.07	33.28	10.41	18.92	N/A	18.04	01/01/2018
Russell 1000 Growth Index	7.07	33.36	7.07	33.36	10.47	18.96	16.78	18.08	
Difference	0.00	-0.08	0.00	-0.08	-0.07	-0.05	N/A	-0.04	
Polen Capital (Gross)	4.96 (52)	16.73 (88)	4.96 (52)	16.73 (88)	0.77 (97)	11.61 (91)	N/A	14.71 (69)	01/01/2018
Russell 1000 Growth Index	7.07 (18)	33.36 (26)	7.07 (18)	33.36 (26)	10.47 (25)	18.96 (17)	16.78 (13)	18.08 (19)	
Difference	-2.11	-16.63	-2.11	-16.63	-9.70	-7.35	N/A	-3.37	
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.05	29.24	5.05	29.24	8.36	16.36	15.34	16.41	
Polen Capital (Net)	4.80	16.03	4.80	16.03	0.14	10.93	N/A	14.04	01/01/2018
Russell 1000 Growth Index	7.07	33.36	7.07	33.36	10.47	18.96	16.78	18.08	
Difference	-2.27	-17.33	-2.27	-17.33	-10.33	-8.03	N/A	-4.04	

	QTF	₹	YTD	FY	TD	1 Y	′R	3 \	′R	5 Y	/R	10	YR	Incer	otion	Inception Date
Ark Disruptive Technology ETF (ARKK) (Net)	19.44	(3)	8.40 (93) 19.44	(3)	8.40	(93)	-15.66	(100)	N/A		N/A		-10.76	(100)	09/01/2020
Russell 3000 Growth Index	6.82	(22)	2.46 (19) 6.82	(22)	32.46	(19)	9.93	(8)	18.25	(9)	16.22	(7)	14.43	(7)	
Difference	12.62	-2	4.06	12.62		-24.06		-25.60		N/A		N/A		-25.19		
All Cap Growth Median	3.94	2	3.33	3.94		23.33		3.35		11.77		11.85		9.36		
Ark Autonomous Technology & Robotics ETF (ARKQ) (Net)	26.81	(1) 3	3.88 (32	26.81	(1)	33.88	(32)	0.10	(97)	N/A		N/A		-2.33	(99)	09/01/2021
Russell 1000 Growth Index	7.07	(23)	3.36 (32	7.07	(23)	33.36	(32)	10.47	(17)	18.96	(13)	16.78	(6)	11.11	(12)	
Difference	19.74		0.53	19.74		0.53		-10.37		N/A		N/A		-13.45		
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.29	3	0.61	5.29		30.61		7.84		15.61		14.46		7.64		
Defiance 5G Next Gen Connectivity ETF (FIVG) (Net)	10.06	(8)	4.11 (25) 10.06	(8)	34.11	(25)	5.92	(70)	N/A		N/A		8.01	(38)	09/01/2021
Russell 1000 Growth Index	7.07	(22)	3.36 (28	7.07	(22)	33.36	(28)	10.47	(8)	18.96	(8)	16.78	(8)	11.11	(4)	
Difference	2.99		0.75	2.99		0.75		-4.55		N/A		N/A		-3.11		
Large Growth Median	5.26	3	0.00	5.26		30.00		7.36		15.68		14.42		7.04		
First Trust Cloud Computing ETF (SKYY) (Net)	16.49	(5) 3	5.87 (4)	16.49	(5)	35.87	(4)	4.58	(6)	N/A		N/A		2.81	(14)	09/01/2021
S&P MidCap 400 Growth	-0.79	(84)	5.94 (46	-0.79	(84)	15.94	(46)	3.35	(14)	10.01	(40)	9.86	(59)	4.05	(9)	
Difference	17.28	1	9.93	17.28		19.93		1.23		N/A		N/A		-1.24		
Mid-Cap Growth Median	3.37	1	5.27	3.37		15.27		0.00		9.21		10.13		-0.35		
Rhumbline S&P 400 (Gross)	N/A		N/A	N/A		N/A		N/A		N/A		N/A		1.06	(45)	11/01/2024
S&P MidCap 400 Index	0.34	(40)	3.93 (43	0.34	(40)	13.93	(43)	4.87	(26)	10.34	(27)	9.68	(34)	1.06	(45)	
Difference	N/A		N/A	N/A		N/A		N/A		N/A		N/A		0.00		
Mid Cap Median	-0.18	1	3.28	-0.18		13.28		3.28		9.32		9.04		0.96		
Rhumbline S&P 400 (Net)	N/A		N/A	N/A		N/A		N/A		N/A		N/A		1.06		11/01/2024
S&P MidCap 400 Index	0.34	1	3.93	0.34		13.93		4.87		10.34		9.68		1.06		
Difference	N/A		N/A	N/A		N/A		N/A		N/A		N/A		0.00		
Vanguard R2000 (VRTIX) (Net)	0.34	(35) 1	1.58 (39	0.34	(35)	11.58	(39)	1.30	(65)	7.48	(66)	N/A		5.50	(64)	09/01/2018
Russell 2000 Index	0.33	(35)	1.54 (40	0.33	(35)	11.54	(40)	1.24	(67)	7.40	(68)	7.82	(53)	5.42	(67)	
Difference	0.00		0.05	0.00		0.05		0.06		0.07		N/A		0.07		
Small Blend Median	-0.02	1	0.93	-0.02		10.93		2.10		8.21		7.88		6.08		
Total International Equity																
Vanguard Intl Eq (VTMGX) (Net)	-8.14	(66)	3.04 (65) -8.14	(66)	3.04	(65)	0.89	(41)	4.76	(36)	5.46	(33)	5.71	(34)	07/01/2013
MSCI EAFE Index	-8.06	(64)	4.35 (49	-8.06	(64)	4.35	(49)	2.17	(25)	5.24	(27)	5.71	(26)	6.04	(25)	
Difference	-0.07		1.30	-0.07		-1.30		-1.28		-0.48		-0.25		-0.33		
Foreign Median	-7.51		4.19	-7.51		4.19		0.22		4.19		4.93		5.28		

	QTR	YTD	FYTD	1 YR	3 YR	5 YR	10 YR	Inception	Inception Date
iShares MSCI EM ex China ETF (EMXC) (Net)	-7.64 (71)	2.72 (80)	-7.64 (71)	2.72 (80)	N/A	N/A	N/A	N/A	02/01/2022
MSCI Emerging Markets Index	-7.84 (77)	8.05 (29)	-7.84 (77)	8.05 (29)	-1.48 (34)	2.10 (43)	4.04 (36)	-0.88 (35)	
Difference	0.20	-5.33	0.20	-5.33	N/A	N/A	N/A	N/A	
Diversified Emerging Mkts Median	-6.88	6.34	-6.88	6.34	-3.04	1.49	3.39	-2.47	
Vanguard Emerging Mar Adm (VEMAX) (Net)	-5.39 (18)	10.95 (17)	-5.39 (18)	10.95 (17)	N/A	N/A	N/A	7.27 (45)	09/01/2022
MSCI Emerging Markets Index	-7.84 (77)	8.05 (29)	-7.84 (77)	8.05 (29)	-1.48 (34)	2.10 (43)	4.04 (36)	6.39 (53)	
Difference	2.45	2.90	2.45	2.90	N/A	N/A	N/A	0.89	
Diversified Emerging Mkts Median	-6.88	6.34	-6.88	6.34	-3.04	1.49	3.39	6.65	
JPM International Equity (Net)	-7.25 (49)	2.74 (73)	-7.25 (49)	2.74 (73)	-0.57 (68)	3.95 (76)	N/A	6.56 (68)	10/01/2015
MSCI EAFE Index	-8.06 (67)	4.35 (59)	-8.06 (67)	4.35 (59)	2.17 (41)	5.24 (50)	5.71 (65)	6.76 (61)	
Difference	0.81	-1.61	0.81	-1.61	-2.74	-1.29	N/A	-0.20	
IM International Equity (SA+CF) Median	-7.33	5.45	-7.33	5.45	1.36	5.16	6.14	7.13	

	QTR	YTD	FYTD	1 YR	3 YR	5 YR	10 YR	Inception	Inception Date
Total Fixed Income Composite	-3.94	0.66	-3.94	0.66	-1.22	0.20	1.57	4.53	01/01/1998
Total Fixed Income Policy Index	-2.35	2.02	-2.35	2.02	-1.32	0.19	1.42	3.59	
Difference	-1.59	-1.36	-1.59	-1.36	0.09	0.00	0.15	0.95	
GHA A+ Fixed Income (Gross)	-4.65 (100)	-0.10 (100)	-4.65 (100)	-0.10 (100)	-2.12 (62)	-0.19 (84)	1.44 (83)	3.91 (17)	01/01/2007
Blmbg. U.S. Aggregate: A+	-3.10 (82)	1.04 (97)	-3.10 (82)	1.04 (97)	-2.46 (96)	-0.48 (100)	1.12 (100)	2.75 (100)	
Difference	-1.55	-1.14	-1.55	-1.14	0.35	0.28	0.32	1.16	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-2.99	1.91	-2.99	1.91	-2.01	0.24	1.85	3.47	
GHA A+ Fixed Income (Net)	-4.71	-0.35	-4.71	-0.35	-2.36	-0.44	1.19	3.65	01/01/2007
Blmbg. U.S. Aggregate: A+	-3.10	1.04	-3.10	1.04	-2.46	-0.48	1.12	2.75	
Difference	-1.61	-1.39	-1.61	-1.39	0.10	0.04	0.07	0.91	
GHA EXCL A+ Fixed Income (Gross)	-3.19 (99)	1.54 (100)	-3.19 (99)	1.54 (100)	0.13 (52)	0.82 (93)	1.81 (83)	4.45 (15)	01/01/1998
Bloomberg Intermediate US Govt/Credit Idx	-1.60 (67)	3.00 (78)	-1.60 (67)	3.00 (78)	-0.18 (81)	0.86 (92)	1.71 (92)	3.79 (92)	3 1/3 1/ 1000
Difference	-1.59	-1.45	-1.59	-1.45	0.31	-0.04	0.10	0.67	
IM U.S. Intermediate Duration (SA+CF) Median	-1.52	3.50	-1.52	3.50	0.15	1.28	2.04	4.18	
GHA EXCL A+ Fixed Income (Net)	-3.25	1.29	-3.25	1.29	-0.19	0.53	1.61	4.38	01/01/1998
Bloomberg Intermediate US Govt/Credit Idx	-3.23 -1.60	3.00	-3.25 -1.60	3.00	-0.19 -0.18	0.86	1.71	4.30 3.79	01/01/1996
Difference	-1.65	-1.71	-1.65	-1.71	-0.16 -0.01	-0.33	-0.10	0.59	
	-1.05	-1.71		-1.71	-0.01	-0.33	-0.10	0.59	
otal Real Estate (Gross)	0.72 (60)	-6.88 (94)	0.72 (60)	-6.88 (94)	-7.74 (93)	-1.33 (94)	N/A	` '	06/01/2017
NCREIF Fund Index-Open End Diversified Core (EW)	1.03 (46)	-1.67 (65)	1.03 (46)	-1.67 (65)	-2.37 (53)	3.06 (47)	6.12 (56)	4.67 (N/A)	
Difference	-0.31	-5.21	-0.31	-5.21	-5.37	-4.39	N/A	-3.39	
IM U.S. Open End Private Real Estate (SA+CF) Median	0.97	-1.35	0.97	-1.35	-2.28	2.99	6.17	N/A	
Barings Real Estate (Gross)	1.37 (31)	2.08 (12)	1.37 (31)	2.08 (12)	-5.89 (88)	0.12 (83)	N/A	2.52 (83)	07/01/2017
NCREIF Fund Index-Open End Diversified Core (EW)	1.03 (46)	-1.67 (65)	1.03 (46)	-1.67 (65)	-2.37 (53)	3.06 (47)	6.12 (56)	4.48 (57)	
Difference	0.34	3.75	0.34	3.75	-3.52	-2.94	N/A	-1.96	
IM U.S. Open End Private Real Estate (SA+CF) Median	0.97	-1.35	0.97	-1.35	-2.28	2.99	6.17	4.66	
Barings Real Estate (Net)	1.15	1.19	1.15	1.19	-6.76	-0.79	N/A	1.55	07/01/2017
NCREIF Fund Index-Open End Diversified Core (EW)	1.03	-1.67	1.03	-1.67	-2.37	3.06	6.12	4.48	
Difference	0.12	2.87	0.12	2.87	-4.39	-3.85	N/A	-2.93	
ASB Real Estate (Gross)	0.04 (89)	-14.88 (100)	0.04 (89)	-14.88 (100)	-9.57 (94)	-2.72 (96)	N/A	0.06 (97)	07/01/2017
NCREIF Fund Index-Open End Diversified Core (EW)	1.03 (46)	-1.67 (65)	1.03 (46)	-1.67 (65)	-2.37 (53)	3.06 (47)	6.12 (56)	4.48 (57)	
Difference	-0.99	-13.21	-0.99	-13.21	-7.20	-5.78	N/A	-4.42	
IM U.S. Open End Private Real Estate (SA+CF) Median	0.97	-1.35	0.97	-1.35	-2.28	2.99	6.17	4.66	
SB Real Estate (Net)	-0.21	-15.73	-0.21	-15.73	-10.47	-3.77	N/A	-1.07	07/01/2017
,	1.03	-1.67	1.03	-1.67	-2.37	3.06	6.12	4.48	2.70.72011
NCREIF Fund Index-Open End Diversified Core (EW)				-1.07				4.40	

Comparative Performance Fiscal Year to Date									
	FYTD	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016
Total Fund Composite (Gross)	-0.33 (23)	7.87 (90)	-16.06 (62)	20.33 (47)	8.17 (48)	3.94 (53)	8.38 (37)	11.66 (55)	9.56 (46)
Total Fund Policy Index	-0.46 (30)	10.80 (50)	-13.33 (35)	21.11 (36)	7.67 (54)	4.31 (39)	9.00 (27)	10.90 (73)	10.01 (31)
Difference	0.13	-2.94	-2.73	-0.77	0.50	-0.36	-0.61	0.75	-0.45
All Public Plans-Total Fund Median	-0.93	10.77	-14.86	20.05	7.93	3.99	7.84	11.87	9.42
Total Fund Composite (Net)	-0.39	7.56	-16.31	19.98	7.83	3.60	8.01	11.28	9.25
Total Fund Policy Index	-0.46	10.80	-13.33	21.11	7.67	4.31	9.00	10.90	10.01
Difference	0.07	-3.24	-2.98	-1.13	0.16	-0.71	-0.99	0.38	-0.76
Crawford Managed Income	-1.46 (15)	N/A							
NASDAQ U.S. Multi-Asset Diversified Income Index	-1.17 (8)	8.69 (80)	-5.80 (6)	28.34 (9)	-21.58 (100)	6.36 (19)	3.42 (64)	8.37 (84)	10.60 (32)
Difference	-0.29	N/A							
Global Allocation Median	-2.74	11.62	-17.22	18.86	3.40	3.71	4.48	11.35	9.13
Total Equity Composite (Gross)	1.09	16.69	-23.82	33.24	9.67	1.68	13.02	19.33	13.45
Total Equity Policy Index	0.28	19.44	-18.54	34.91	7.61	0.83	14.65	18.53	13.79
Difference	0.82	-2.74	-5.29	-1.67	2.06	0.85	-1.63	0.79	-0.34
Total Domestic Equity									
Ceredex Equity (Gross)	-1.35 (53)	16.12 (56)	-15.64 (88)	32.34 (73)	-1.49 (43)	4.95 (29)	10.74 (63)	17.71 (52)	16.57 (23)
Russell 1000 Value Index	-1.98 (67)	14.44 (67)	-11.36 (66)	35.01 (60)	-5.03 (66)	4.00 (38)	9.45 (76)	15.12 (76)	16.19 (25)
Difference	0.63	1.68	-4.27	-2.68	3.53	0.95	1.29	2.59	0.37
IM U.S. Large Cap Value Equity (SA+CF) Median	-1.27	16.70	-9.52	37.14	-3.19	2.49	11.91	17.81	13.34
Ceredex Equity (Net)	-1.48 (50)	15.53 (54)	-16.07 (86)	31.69 (71)	-2.03 (43)	4.39 (29)	10.15 (59)	17.06 (50)	15.91 (24)
Russell 1000 Value Index	-1.98 (59)	14.44 (61)	-11.36 (60)	35.01 (54)	-5.03 (62)	4.00 (33)	9.45 (65)	15.12 (71)	16.19 (22)
Difference	0.50	1.09	-4.71	-3.32	3.00	0.39	0.70	1.94	-0.29
IM U.S. Large Cap Value Equity (SA+CF) Median	-1.55	15.92	-9.99	35.85	-3.69	1.84	11.14	17.02	13.05
Rhumbline S&P 500 (Gross)	2.40 (45)	N/A							
S&P 500 Index	2.41 (45)	21.62 (37)	-15.47 (57)	30.00 (58)	15.15 (38)	4.25 (38)	17.91 (43)	18.61 (59)	15.43 (22)
Differnce	0.00	N/A							
IM U.S. Large Cap Core Equity (SA+CF) Median	2.31	20.79	-14.86	30.87	13.28	3.11	17.48	19.06	13.25
Rhumbline S&P 500 (Net)	2.40 (38)	N/A							
S&P 500 Index	2.41 (38)	21.62 (29)	-15.47 (51)	30.00 (50)	15.15 (33)	4.25 (33)	17.91 (32)	18.61 (48)	15.43 (19)
Differnce	0.00	N/A							
IM U.S. Large Cap Core Equity (SA+CF) Median	2.12	19.95	-15.46	29.97	12.52	2.86	16.51	18.34	12.52

								As of December 3	eiiibei 31, 2024
	FYTD	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016
Rhumbline R1000G (Gross)	7.07 (18)	27.64 (39)	-22.51 (40)	27.29 (50)	37.64 (31)	3.71 (52)	N/A	N/A	N/A
Russell 1000 Growth Index	7.07 (18)	27.72 (39)	-22.59 (40)	27.32 (49)	37.53 (31)	3.71 (52)	26.30 (39)	21.94 (39)	13.76 (22)
Differnce	0.00	-0.08	0.08	-0.03	0.11	0.00	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.05	25.57	-24.90	27.23	33.75	3.81	24.83	21.06	11.85
Rhumbline R1000G (Net)	7.07 (23)	27.59 (33)	-22.55 (35)	27.25 (40)	37.57 (25)	3.66 (40)	N/A	N/A	N/A
Russell 1000 Growth Index	7.07 (23)	27.72 (32)	-22.59 (35)	27.32 (37)	37.53 (25)	3.71 (39)	26.30 (36)	21.94 (31)	13.76 (19)
Differnce	0.00	-0.13	0.04	-0.06	0.04	-0.05	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.29	25.15	-26.37	25.98	33.40	2.45	24.37	20.34	11.01
Polen Capital (Gross)	4.96 (52)	22.20 (76)	-34.01 (89)	30.69 (19)	35.75 (39)	9.69 (12)	N/A	N/A	N/A
Russell 1000 Growth Index	7.07 (18)	27.72 (39)	-22.59 (40)	27.32 (49)	37.53 (31)	3.71 (52)	26.30 (39)	21.94 (39)	13.76 (22)
Difference	-2.11	-5.52	-11.42	3.37	-1.78	5.98	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.05	25.57	-24.90	27.23	33.75	3.81	24.83	21.06	11.85
Polen Capital (Net)	4.80 (57)	21.52 (78)	-34.48 (88)	29.90 (20)	34.98 (41)	9.03 (10)	N/A	N/A	N/A
Russell 1000 Growth Index	7.07 (23)	27.72 (32)	-22.59 (35)	27.32 (37)	37.53 (25)	3.71 (39)	26.30 (36)	21.94 (31)	13.76 (19)
Difference	-2.27	-6.20	-11.89	2.58	-2.55	5.32	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.29	25.15	-26.37	25.98	33.40	2.45	24.37	20.34	11.01
Ark Disruptive Technology ETF (ARKK) (Net)	19.44 (3)	5.12 (93)	-65.59 (100)	22.25 (89)	N/A	N/A	N/A	N/A	N/A
Russell 3000 Growth Index	6.82 (22)	26.63 (20)	-23.01 (18)	27.57 (59)	36.12 (30)	2.70 (35)	25.89 (38)	21.87 (28)	13.64 (18)
Difference	12.62	-21.52	-42.58	-5.32	N/A	N/A	N/A	N/A	N/A
All Cap Growth Median	3.94	18.05	-28.88	28.68	30.56	0.89	23.91	19.87	10.40
Ark Autonomous Technology & Robotics ETF (ARKQ) (Net)	26.81 (1)	16.39 (92)	-41.80 (97)	N/A	N/A	N/A	N/A	N/A	N/A
Russell 1000 Growth Index	7.07 (23)	27.72 (32)	-22.59 (35)	27.32 (37)	37.53 (25)	3.71 (39)	26.30 (36)	21.94 (31)	13.76 (19)
Difference	19.74	-11.33	-19.21	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.29	25.15	-26.37	25.98	33.40	2.45	24.37	20.34	11.01
Defiance 5G Next Gen Connectivity ETF (FIVG) (Net)	10.06 (8)	11.33 (96)	-20.16 (10)	N/A	N/A	N/A	N/A	N/A	N/A
Russell 1000 Growth Index	7.07 (22)	27.72 (28)	-22.59 (22)	27.32 (40)	37.53 (35)	3.71 (30)	26.30 (37)	21.94 (33)	13.76 (16)
Difference	2.99	-16.39	2.43	N/A	N/A	N/A	N/A	N/A	N/A
Large Growth Median	5.26	24.95	-27.49	26.36	34.05	1.92	24.46	20.27	10.96
First Trust Cloud Computing ETF (SKYY) (net)	16.49 (5)	25.66 (1)	-42.20 (94)	N/A	N/A	N/A	N/A	N/A	N/A
S&P MidCap 400 Growth	-0.79 (84)	16.21 (28)	-19.52 (7)	33.26 (26)	8.25 (92)	-2.53 (82)	16.55 (82)	17.29 (60)	12.78 (11)
Difference	17.28	9.44	-22.68	N/A	N/A	N/A	N/A	N/A	N/A
Mid-Cap Growth Median	3.37	14.15	-29.91	30.15	24.96	3.31	20.84	18.24	8.56
Rhumbline S&P 400 (Gross)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S&P MidCap 400 Index	0.34 (40)	15.51 (32)	-15.25 (38)	43.68 (22)	-2.16 (59)	-2.49 (69)	14.21 (44)	17.52 (39)	15.33 (14)
Differnce	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mid Cap Median	-0.18	13.89	-18.16	36.40	3.22	0.92	13.55	16.71	10.94

Comparative Performance Total Fund As of December 31, 2024

	FYTD	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016
Rhumbline S&P 400 (Net)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S&P MidCap 400 Index	0.34 (40)	15.51 (32)	-15.25 (38)	43.68 (22)	-2.16 (59)	-2.49 (69)	14.21 (44)	17.52 (39)	15.33 (14)
Differnce	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mid Cap Median	-0.18	13.89	-18.16	36.40	3.22	0.92	13.55	16.71	10.94
Vanguard R2000 (VRTIX) (Net)	0.34 (44)	9.03 (86)	-23.48 (92)	47.79 (67)	0.51 (29)	-8.83 (69)	N/A	N/A	N/A
Russell 2000 Index	0.33 (44)	8.93 (88)	-23.50 (93)	47.68 (71)	0.39 (32)	-8.89 (70)	15.24 (45)	20.74 (50)	15.47 (50)
Differnce	0.00	0.10	0.02	0.11	0.12	0.06	N/A	N/A	N/A
Small Blend Median	0.20	12.96	-18.81	50.10	-3.46	-6.95	14.56	20.72	15.43
Total International Equity									
Vanguard Intl Eq (VTMGX) (Net)	-8.14 (66)	24.01 (41)	-25.53 (38)	26.51 (36)	2.18 (57)	-2.08 (46)	2.78 (31)	19.25 (45)	8.03 (42)
MSCI EAFE Index	-8.06 (64)	26.31 (24)	-24.75 (28)	26.29 (37)	0.93 (62)	-0.82 (32)	3.25 (27)	19.65 (40)	7.06 (51)
Differnce	-0.07	-2.30	-0.78	0.22	1.25	-1.26	-0.47	-0.41	0.98
Foreign Median	-7.51	22.20	-26.73	24.62	3.76	-2.63	1.56	18.85	7.06
iShares MSCI EM ex China ETF (EMXC) (Net)	-7.64 (71)	15.33 (36)	N/A						
MSCI Emerging Markets Index	-7.84 (77)	12.17 (59)	-27.80 (30)	18.58 (55)	10.91 (46)	-1.63 (68)	-0.44 (20)	22.91 (36)	17.21 (37)
Difference	0.20	3.17	N/A						
Diversified Emerging Mkts Median	-6.88	13.41	-29.91	19.15	10.36	0.49	-3.70	21.09	15.65
Vanguard Emerging Mar Adm (VEMAX)	-5.39 (18)	10.89 (69)	N/A						
MSCI Emerging Markets Index	-7.84 (77)	12.17 (59)	-27.80 (30)	18.58 (55)	10.91 (46)	-1.63 (68)	-0.44 (20)	22.91 (36)	17.21 (37)
Difference	2.45	-1.28	N/A						
Diversified Emerging Mkts Median	-6.88	13.41	-29.91	19.15	10.36	0.49	-3.70	21.09	15.65
JPM International Equity (Net)	-7.25 (46)	22.44 (47)	-27.05 (55)	17.09 (88)	11.25 (34)	6.53 (5)	-3.43 (94)	18.60 (62)	10.45 (38)
MSCI EAFE Index	-8.06 (64)	26.31 (27)	-24.75 (34)	26.29 (51)	0.93 (65)	-0.82 (34)	3.25 (40)	19.65 (53)	7.06 (65)
Difference	0.81	-3.87	-2.30	-9.20	10.32	7.35	-6.68	-1.06	3.40
IM International Equity (SA+CF) Median	-7.47	21.71	-26.59	26.41	5.44	-2.83	2.19	19.83	8.79

								, .5 OI DOO	JIIIDCI 01, 202
	FYTD	Oct-2022 To	Oct-2021 To	Oct-2020 To	Oct-2019 To	Oct-2018 To	Oct-2017 To	Oct-2016 To	Oct-2015 To
-		Sep-2023	Sep-2022	Sep-2021	Sep-2020	Sep-2019	Sep-2018	Sep-2017	Sep-2016
Total Fixed Income Composite	-3.94	-0.16	-10.79	-1.38	6.42	7.74	0.58	0.36	4.79
Total Fixed Income Policy Index	-2.35	1.14	-12.03	-1.00	6.63	8.97	-1.12	-0.09	4.01
Difference	-1.59	-1.30	1.24	-0.38	-0.21	-1.23	1.70	0.46	0.78
GHA A+ Fixed Income (Gross)	-4.65 (100)	-1.08 (99)	-12.07 (5)	-1.69 (98)	7.35 (54)	8.45 (97)	0.74 (4)	0.23 (69)	5.53 (60)
Blmbg. U.S. Aggregate: A+	-3.10 (82)	0.07 (95)	-13.89 (22)	-1.60 (97)	6.92 (78)	9.78 (87)	-1.28 (95)	-0.42 (99)	4.50 (96)
Difference	-1.55	-1.15	1.82	-0.09	0.42	-1.34	2.02	0.65	1.02
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-2.99	1.06	-14.50	-0.05	7.48	10.41	-0.74	0.62	5.66
GHA A+ Fixed Income (Net)	-4.71 (100)	-1.33 (100)	-12.30 (5)	-1.94 (99)	7.08 (70)	8.18 (97)	0.48 (7)	-0.02 (91)	5.27 (69)
Blmbg. U.S. Aggregate: A+	-3.10 (82)	0.07 (95)	-13.89 (22)	-1.60 (97)	6.92 (78)	9.78 (87)	-1.28 (95)	-0.42 (99)	4.50 (96)
Difference	-1.61	-1.40	1.60	-0.33	0.16	-1.61	1.76	0.40	0.77
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-2.99	1.06	-14.50	-0.05	7.48	10.41	-0.74	0.62	5.66
GHA EXCL A+ Fixed Income (Gross)	-3.19 (99)	1.45 (89)	-8.70 (18)	-0.94 (98)	5.24 (85)	6.99 (83)	0.42 (15)	0.52 (66)	4.03 (42)
Bloomberg Intermediate US Govt/Credit Idx	-1.60 (67)	2.20 (71)	-10.14 (60)	-0.40 (89)	6.32 (58)	8.17 (40)	-0.96 (96)	0.23 (87)	3.52 (75)
Difference	-1.59	-0.75	1.44	-0.54	-1.07	-1.18	1.38	0.29	0.52
IM U.S. Intermediate Duration (SA+CF) Median	-1.52	2.57	-10.04	0.29	6.44	8.03	-0.36	0.72	3.90
GHA EXCL A+ Fixed Income (Net)	-3.25 (100)	0.99 (96)	-8.93 (20)	-1.18 (100)	4.99 (87)	6.74 (84)	0.22 (20)	0.52 (66)	4.03 (42)
Bloomberg Intermediate US Govt/Credit Idx	-1.60 (67)	2.20 (71)	-10.14 (60)	-0.40 (89)	6.32 (58)	8.17 (40)	-0.96 (96)	0.23 (87)	3.52 (75)
Difference	-1.65	-1.21	1.21	-0.78	-1.33	-1.43	1.19	0.29	0.52
IM U.S. Intermediate Duration (SA+CF) Median	-1.52	2.57	-10.04	0.29	6.44	8.03	-0.36	0.72	3.90
Total Real Estate (Gross)	0.72 (60)	-16.16 (90)	17.34 (67)	11.89 (83)	2.12 (39)	5.81 (71)	7.85 (77)	N/A	N/A
NCREIF Fund Index-Open End Diversified Core (EW)	1.03 (46)	-12.40 (48)	22.76 (39)	15.75 (50)	1.74 (43)	6.17 (69)	8.82 (58)	7.81 (51)	10.62 (65)
Difference	-0.31	-3.76	-5.42	-3.86	0.39	-0.36	-0.98	N/A	N/A
IM U.S. Open End Private Real Estate (SA+CF) Median	0.97	-12.47	20.46	15.73	1.62	6.80	8.98	7.83	11.14
Barings Real Estate (Gross)	1.37 (31)	-13.74 (69)	14.48 (80)	12.00 (83)	1.73 (44)	7.06 (39)	7.51 (87)	N/A	N/A
NCREIF Fund Index-Open End Diversified Core (EW)	1.03 (46)	-12.40 (48)	22.76 (39)	15.75 (50)	1.74 (43)	6.17 (69)	8.82 (58)	7.81 (51)	10.62 (65)
Difference	0.34	-1.34	-8.28	-3.76	-0.01	0.89	-1.31	N/A	N/A
IM U.S. Open End Private Real Estate (SA+CF) Median	0.97	-12.47	20.46	15.73	1.62	6.80	8.98	7.83	11.14
Barings Real Estate (Net)	1.15	-14.55	13.41	11.05	0.77	6.04	6.36	N/A	N/A
NCREIF Fund Index-Open End Diversified Core (EW)	1.03	-12.40	22.76	15.75	1.74	6.17	8.82	7.81	10.62
Difference	0.12	-2.15	-9.36	-4.71	-0.96	-0.13	-2.47	N/A	N/A
ASB Real Estate (Gross)	0.04 (89)	-18.28 (94)	19.96 (59)	11.76 (83)	2.59 (25)	4.35 (82)	8.26 (66)	N/A	N/A
NCREIF Fund Index-Open End Diversified Core (EW)	1.03 (46)	-12.40 (48)	22.76 (39)	15.75 (50)	1.74 (43)	6.17 (69)	8.82 (58)	7.81 (51)	10.62 (65)
Difference	-0.99	-5.89	-2.80	-3.99	0.85	-1.82	-0.57	N/A	N/A

Comparative Performance Total Fund

As of December 31, 2024

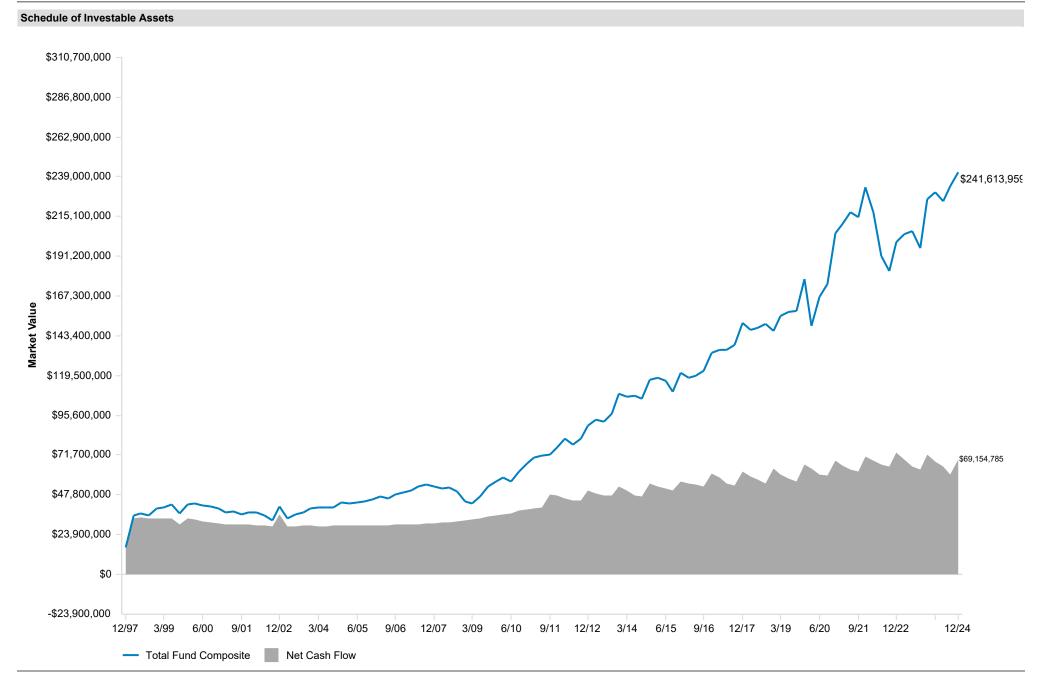
	FYTD	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016
ASB Real Estate (Net)	-0.21	-19.10	18.73	10.42	1.35	3.08	6.92	N/A	N/A
NCREIF Fund Index-Open End Diversified Core (EW)	1.03	-12.40	22.76	15.75	1.74	6.17	8.82	7.81	10.62
Difference	-1.24	-6.70	-4.03	-5.33	-0.39	-3.08	-1.90	N/A	N/A

Financial Reconciliation Quarter to Date										
	Market Value 10/01/2024	Net Transfers	Contributions Dist	tributions	Management Fees	Other Expenses	Return On Investment	Market Value 12/31/2024	Income	Apprec./ Deprec.
Crawford Managed Income	12,357,257	-	-	-	-	-17,256	-180,158	12,159,843	159,489	-339,647
Ceredex Equity	30,182,508	-	-	-	-38,829	-4,515	-407,489	29,731,676	155,773	-563,262
Rhumbline S&P 500	11,894,205	-	-	-	-	-	286,005	12,180,210	-	286,005
Rhumbline R1000G	11,525,810	-	-	-	-	-	814,516	12,340,326	-	814,516
Defiance 5G Next Gen Connectivity ETF (FIVG)	1,424,816	-3,034	-	-	-	-	143,282	1,565,064	3,034	140,248
Polen Capital	9,899,841	-	-	-	-14,930	-1,462	489,969	10,373,417	13,017	476,951
Ark Disruptive Technology ETF (ARKK)	6,193,159	-	-	-	-	-	1,203,972	7,397,131	-	1,203,972
Ark Autonomous Technology & Robotics ETF (ARKQ)	1,297,048	-	-	-	-	-	347,682	1,644,730	-	347,682
First Trust Cloud Computing ETF (SKYY)	1,645,772	-	-	-	-	-	271,345	1,917,117	-	271,345
Rhumbline S&P 400	-	23,049,344	-	-	-14,137	-	189,218	23,224,425	-	189,218
Mutual of America Equity	23,150,830	-23,049,344	-	-	-3,788	-3,383	-94,315	-	12,281	-106,596
Vanguard R2000 (VRTIX)	12,828,916	-	-	-	-	-	43,153	12,872,069	48,156	-5,003
MassMutual Small Cap Opp (MSOOX)	11,981,921	-	-	-	-	-	1,015	11,982,936	1,025,823	-1,024,808
Vanguard Developed Mar (VTMGX)	8,396,243	-	-	-	-	-	-683,106	7,713,137	112,956	-796,062
iShares MSCI EM ex China ETF (EMXC)	3,254,902	-53,258	-	-	-	-	-248,210	2,953,433	53,258	-301,469
Vanguard Emerging Mar Adm (VEMAX)	3,327,357	-	-	-	-	-	-179,196	3,148,161	73,605	-252,801
JPM International Equity	8,195,259	-	-	-	-	-	-594,408	7,600,851	-	-594,408
GHA A+ Fixed Income	35,300,609	4,500,000	-	-	-22,062	-5,672	-1,699,672	38,073,203	322,971	-2,022,643
GHA EXCL A+ Fixed Income	22,312,443	4,500,000	-	-	-13,945	-3,843	-727,754	26,066,902	326,715	-1,054,469
Barings Real Estate	7,518,035	-	-	-	-16,493	-	102,821	7,604,363	80,799	22,022
ASB Real Estate	7,110,785	-	-	_	-17,784	-	3,008	7,096,008	17,784	-14,777

Financial Reconciliation Total Fund

1 Quarter Ending December 31, 2024

	Market Value 10/01/2024	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Return On Investment	Market Value 12/31/2024	Income	Apprec./ Deprec.
R&D Cash	3,426,207	-8,943,708	14,744,803	-5,331,052	-	-43,553	116,258	3,968,956	116,258	-
Total Fund Composite	233,223,924	-	14,744,803	-5,331,052	-141,968	-79,684	-802,064	241,613,959	2,521,921	-3,323,986



Schedule of Invest							
Periods Ending	Beginning Market Value \$	Contributions \$	Distributions \$	Net Cash Flow \$	Gain/Loss \$	Ending Market Value \$	%Return
Dec-1997	<u> </u>	-	-	-	-	15,998,300	N/A
Mar-1998	15,998,300	17,675,917	-	17,675,917	1,591,809	35,266,026	9.95
Jun-1998	35,266,026	237,384	-	237,384	1,275,793	36,779,203	3.61
Sep-1998	36,779,203	-	-34,946	-34,946	-1,362,667	35,381,590	-3.71
Dec-1998	35,381,590	-	-84,404	-84,404	4,428,727	39,725,913	12.53
Mar-1999	39,725,913	45,809	-	45,809	571,996	40,343,718	1.44
lun-1999	40,343,718	-	-83,881	-83,881	1,732,162	41,991,999	4.30
Sep-1999	41,991,999	-	-3,513,461	-3,513,461	-1,997,343	36,481,195	-4.88
Dec-1999	36,481,195	3,141,344	-	3,141,344	2,286,800	41,909,339	6.31
Mar-2000	41,909,339	-	-531,269	-531,269	1,445,328	42,823,398	3.47
Jun-2000	42,823,398	-	-986,106	-986,106	-362,829	41,474,463	-0.86
Sep-2000	41,474,463	-	-690,560	-690,560	215,472	40,999,375	0.52
Dec-2000	40,999,375	-	-577,326	-577,326	-951,616	39,470,433	-2.34
Mar-2001	39,470,433	-	-393,550	-393,550	-2,158,027	36,918,856	-5.50
Jun-2001	36,918,856	-	-225,319	-225,319	1,167,090	37,860,627	3.17
Sep-2001	37,860,627	40,297	-	40,297	-2,075,500	35,825,424	-5.47
Dec-2001	35,825,424	-	-184,219	-184,219	1,729,006	37,370,211	4.84
//ar-2002	37,370,211	-	-223,926	-223,926	278,998	37,425,283	0.75
lun-2002	37,425,283	-	-348,391	-348,391	-1,937,612	35,139,280	-5.21
Sep-2002	35,139,280	-	-221,225	-221,225	-2,602,605	32,315,450	-7.44
Dec-2002	32,315,450	6,836,371	-	6,836,371	1,438,642	40,590,463	4.41
//ar-2003	40,590,463	-	-6,795,099	-6,795,099	-410,557	33,384,807	-1.17
lun-2003	33,384,807	-	-197,693	-197,693	2,866,553	36,053,667	8.62
Sep-2003	36,053,667	252,293	-	252,293	741,955	37,047,915	2.05
Dec-2003	37,047,915	-	-21,113	-21,113	2,460,444	39,487,246	6.67
Mar-2004	39,487,246	-	-134,073	-134,073	822,971	40,176,144	2.09
Jun-2004	40,176,144	1,194	-	1,194	3,493	40,180,831	-0.01
Sep-2004	40,180,831	397,660	-	397,660	-339,911	40,238,580	-0.85
Dec-2004	40,238,580	54,577	-	54,577	2,802,548	43,095,705	6.96
Mar-2005	43,095,705	-	-186,709	-186,709	-417,831	42,491,165	-0.98
lun-2005	42,491,165	-	-34,346	-34,346	731,050	43,187,869	1.72
Sep-2005	43,187,869	-	-43,678	-43,678	503,689	43,647,880	1.17
Dec-2005	43,647,880	423,649	-	423,649	950,170	45,021,699	2.19
/lar-2006	45,021,699	51,421	-	51,421	1,403,105	46,476,225	3.11
un-2006	46,476,225	-	-83,590	-83,590	-718,538	45,674,097	-1.55
Sep-2006	45,674,097	586,713	-	586,713	1,503,788	47,764,598	3.27
Dec-2006	47,764,598	-	-322,499	-322,499	1,978,220	49,420,319	4.19
Mar-2007	49,420,319	45,644	-	45,644	895,483	50,361,446	1.82
Jun-2007	50,361,446	243,909	-	243,909	1,901,240	52,506,595	3.78
Sep-2007	52,506,595	400,316	-	400,316	1,166,875	54,073,786	2.20

Since Inception Ending December 31, 2024

Periods Ending	Beginning Market Value \$	Contributions \$	Distributions \$	Net Cash Flow \$	Gain/Loss \$	Ending Market Value \$	%Return
Dec-2007	54,073,786	190,416	-	190,416	-1,264,986	52,999,216	-2.33
Mar-2008	52,999,216	475,161	-	475,161	-1,773,644	51,700,733	-3.33
Jun-2008	51,700,733	157,090	-	157,090	19,456	51,877,279	0.06
Sep-2008	51,877,279	729,736	-	729,736	-3,090,400	49,516,615	-5.88
Dec-2008	49,516,615	272,688	-	272,688	-5,953,060	43,836,243	-12.10
Mar-2009	43,836,243	645,560	-	645,560	-2,154,563	42,327,240	-4.63
Jun-2009	42,327,240	466,248	-	466,248	4,028,207	46,821,695	9.51
Sep-2009	46,821,695	1,231,187	-	1,231,187	4,915,363	52,968,245	10.42
Dec-2009	52,968,245	728,073	-	728,073	2,085,980	55,782,298	3.90
Mar-2010	55,782,298	530,170	-	530,170	2,014,347	58,326,815	3.60
Jun-2010	58,326,815	495,784	-	495,784	-3,139,138	55,683,461	-5.38
Sep-2010	55,683,461	1,660,776	-	1,660,776	4,453,702	61,797,939	7.87
Dec-2010	61,797,939	651,202	-	651,202	4,073,218	66,522,359	6.59
Mar-2011	66,522,359	634,816	-	634,816	2,936,677	70,093,852	4.43
Jun-2011	70,093,852	665,257	-	665,257	532,225	71,291,334	0.76
Sep-2011	71,291,334	7,862,053	-	7,862,053	-6,957,257	72,196,130	-9.67
Dec-2011	72,196,130	- ,002,000	-654.876	-654,876	4,773,351	76,314,605	6.63
Mar-2012	76,314,605	-	-1,466,628	-1,466,628	6,525,345	81,373,322	8.63
Jun-2012	81,373,322	-	-1,210,329	-1,210,329	-1,962,942	78,200,051	-2.42
Sep-2012	78,200,051	-	-328,909	-328,909	3,699,212	81,570,354	4.75
Dec-2012	81,570,354	6,149,365	-	6,149,365	1,463,069	89,182,788	1.61
Mar-2013	89,182,788	-	-1,674,077	-1,674,077	5,563,247	93,071,958	6.29
Jun-2013	93,071,958	-	-1,198,519	-1,198,519	117,987	91,991,426	0.15
Sep-2013	91,991,426	-	-302,113	-302,113	4,852,470	96,541,783	5.28
Dec-2013	96,541,783	5,486,468	-	5,486,468	6,283,251	108,311,502	6.10
Mar-2014	108,311,502	-	-2,359,425	-2,359,425	918,503	106,870,580	0.88
Jun-2014	106,870,580	-	-3,191,614	-3,191,614	3,629,450	107,308,416	3.49
Sep-2014	107,308,416	-	-452,620	-452,620	-1,543,346	105,312,450	-1.43
Dec-2014	105,312,450	7,621,833	-	7,621,833	4,031,767	116,966,050	3.57
Mar-2015	116,966,050	-	-1,512,343	-1,512,343	2,856,300	118,310,007	2.46
Jun-2015	118,310,007	-	-1,332,712	-1,332,712	-581,700	116,395,595	-0.50
Sep-2015	116,395,595	-	-1,099,361	-1,099,361	-5,449,028	109,847,206	-4.72
Dec-2015	109,847,206	8,251,060	-2,762,661	5,488,399	5,689,897	121,025,502	2.58
Mar-2016	121,025,502	7,589,316	-8,599,372	-1,010,056	-1,803,617	118,211,829	1.44
Jun-2016	118,211,829	1,424,212	-2,565,534	-1,141,322	2,049,990	119,120,498	1.74
Sep-2016	119,120,498	3,743,647	-4,750,720	-1,007,073	4,157,724	122,271,148	3.49
Dec-2016	122,271,148	20,010,869	-12,411,919	7,598,951	3,172,123	133,042,222	2.44
Mar-2017	133,042,222	3,994,591	-6,390,328	-2,395,737	4,004,829	134,651,313	3.04
Jun-2017	134,651,313	12,268,921	-15,569,852	-3,300,931	3,602,838	134,953,220	2.71
Sep-2017	134,953,220	15,754,188	-16,964,685	-1,210,497	4,039,130	137,781,854	3.00
Dec-2017	137,781,854	34,723,496	-26,093,106	8,630,390	4,656,414	151,068,658	3.17

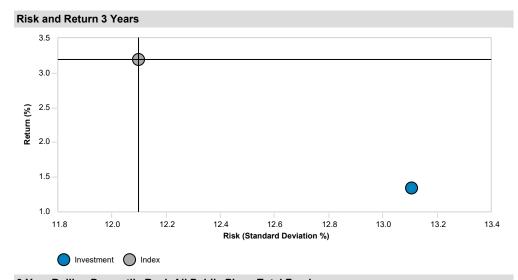
Schedule of Investable Assets Total Fund

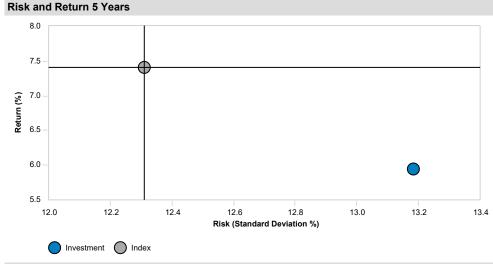
Since Inception Ending December 31, 2024

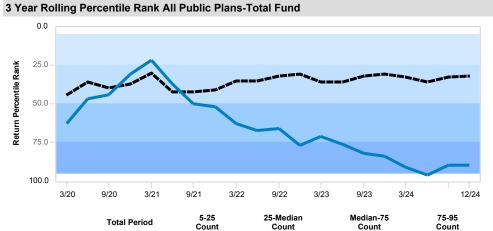
Periods Ending	Beginning Market Value \$	Contributions \$	Distributions \$	Net Cash Flow \$	Gain/Loss \$	Ending Market Value \$	%Return
Mar-2018	151,068,658	36,560,097	-39,599,539	-3,039,442	-1,310,015	146,719,201	-0.90
Jun-2018	146,719,201	2,531,546	-4,858,682	-2,327,136	3,494,498	147,886,563	2.40
Sep-2018	147,886,563	21,023,715	-23,353,030	-2,329,315	5,161,780	150,719,028	3.51
Dec-2018	150,719,028	21,868,800	-12,579,706	9,289,095	-13,690,229	146,317,894	-8.54
Mar-2019	146,317,894	3,053,173	-6,698,694	-3,645,521	12,799,990	155,472,363	8.81
Jun-2019	155,472,363	8,994,188	-11,622,765	-2,628,576	4,830,123	157,673,909	3.15
Sep-2019	157,673,909	2,824,811	-4,364,556	-1,539,745	1,977,441	158,111,606	1.26
Dec-2019	158,111,606	23,694,123	-13,560,039	10,134,085	9,408,326	177,654,016	5.59
Mar-2020	177,654,016	1,829,074	-4,196,065	-2,366,991	-25,735,318	149,551,707	-14.62
lun-2020	149,551,707	3,874,820	-7,270,528	-3,395,708	20,766,832	166,922,831	13.95
Sep-2020	166,922,831	13,422,990	-14,502,057	-1,079,067	8,806,775	174,650,539	5.29
ec-2020	174,650,539	22,323,848	-13,115,255	9,208,593	21,482,659	205,341,792	11.66
/lar-2021	205,341,792	24,471,180	-27,363,519	-2,892,338	8,123,252	210,572,706	3.99
un-2021	210,572,706	2,690,535	-4,917,426	-2,226,891	9,431,986	217,777,801	4.49
Sep-2021	217,777,801	31,272,674	-32,544,064	-1,271,390	-1,788,837	214,717,574	-0.82
ec-2021	214,717,574	24,798,644	-15,700,684	9,097,960	9,077,169	232,892,703	4.05
/lar-2022	232,892,703	9,412,362	-12,201,299	-2,788,938	-12,602,016	217,501,749	-5.43
un-2022	217,501,749	3,349,301	-5,476,901	-2,127,600	-23,869,823	191,504,327	-11.01
ep-2022	191,504,327	3,688,340	-5,057,057	-1,368,717	-7,821,274	182,314,335	-4.15
ec-2022	182,314,335	33,223,456	-24,924,189	8,299,267	8,796,126	199,409,729	4.56
/lar-2023	199,409,729	18,794,345	-23,010,412	-4,216,067	9,168,906	204,362,568	4.60
un-2023	204,362,568	3,739,495	-7,640,757	-3,901,262	5,977,418	206,438,724	2.96
Sep-2023	206,438,724	5,206,084	-7,100,506	-1,894,422	-8,521,723	196,022,579	-4.21
Dec-2023	196,022,579	23,266,444	-14,189,327	9,077,117	20,093,626	225,193,322	9.78
1ar-2024	225,193,322	9,273,574	-13,625,191	-4,351,617	8,644,185	229,485,891	3.91
un-2024	229,485,891	47,408,974	-50,632,212	-3,223,239	-2,000,700	224,261,952	-0.85
Sep-2024	224,261,952	1,528,771	-6,096,118	-4,567,347	13,529,319	233,223,924	6.10
Dec-2024	233,223,924	46,850,439	-37,658,340	9,192,099	-802,064	241,613,959	-0.33
otal	15,998,300	625,824,487	-572,668,002	53,156,485	172,459,174	241,613,959	6.39

Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	1.34	13.11	-0.13	101.09	6	111.91	6				
Index	3.20	12.10	0.00	100.00	7	100.00	5				

Historical Stati	Historical Statistics 5 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters					
Investment	5.95	13.18	0.32	101.07	12	110.94	8					
Index	7.41	12.31	0.44	100.00	14	100.00	6					







5 (25%)

20 (100%)

6 (30%)

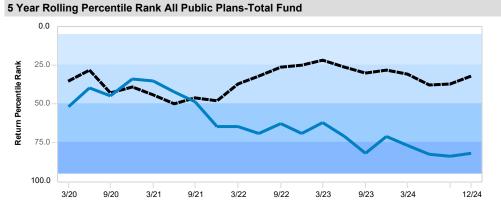
0 (0%)

8 (40%)

0 (0%)

1 (5%)

0 (0%)



	Total Period	Count		ount		ount		ount
Investment	20	0 (0%) 6	(30%)	9	(45%)	5	(25%)
Index	20	2 (10	%) 18	(90%)	0	(0%)	0	(0%)

25 Modian

75 95

E 25

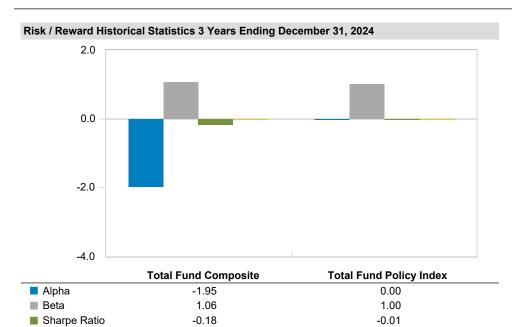
Investment

__ Index

20

20





-0.02

0.99

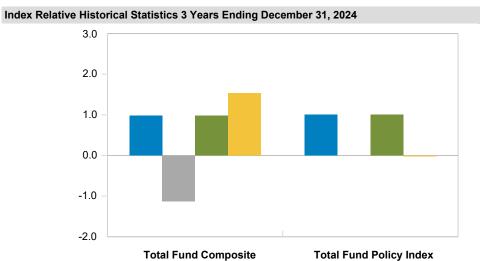
-1.12

0.98

1.55

2.0 1.0 -1.0 -2.0 -3.0

	Total Fund Composite	Total Fund Policy Index
Alpha	-1.79	0.00
■ Beta	1.06	1.00
Sharpe Ratio	0.31	0.43
Treynor Ratio	0.04	0.06

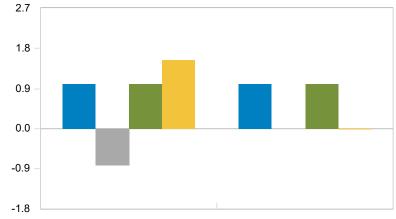


0.00

1.00 N/A

1.00 0.00

Index Relative Historical Statistics 5 Years Ending December 31, 2024



	Total Fund Composite	Total Fund Policy Index
Actual Correlation	1.00	1.00
Information Ratio	-0.83	N/A
R-Squared	0.99	1.00
Tracking Error	1.53	0.00

Tracking Error

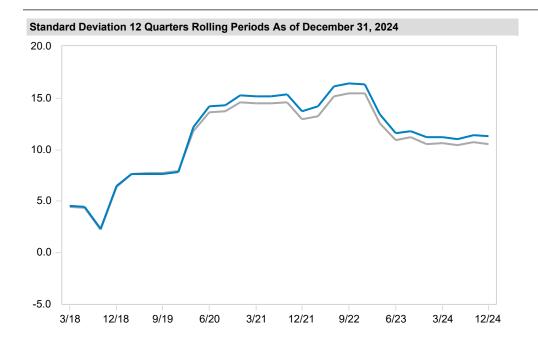
Benchmark: Total Fund Policy Index

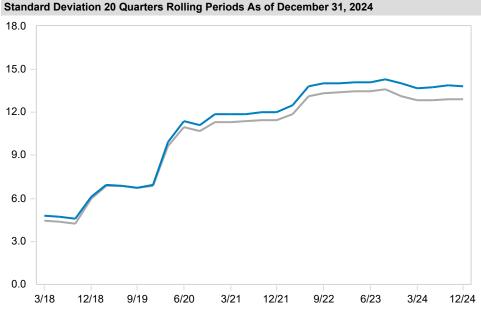
Actual Correlation

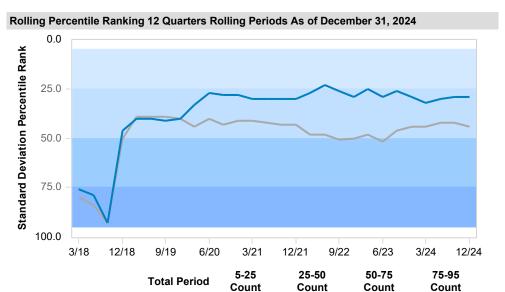
■ Information Ratio

R-Squared

Treynor Ratio







2 (7%)

0 (0%)

23 (82%)

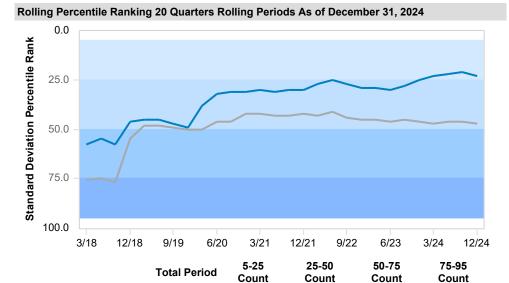
23 (82%)

0 (0%)

2 (7%)

3 (11%)

3 (11%)



6 (21%)

0 (0%)

19 (68%)

24 (86%)

3 (11%)

2 (7%)

0 (0%)

2 (7%)

Total Fund Composite

Total Fund Policy Index

28

28

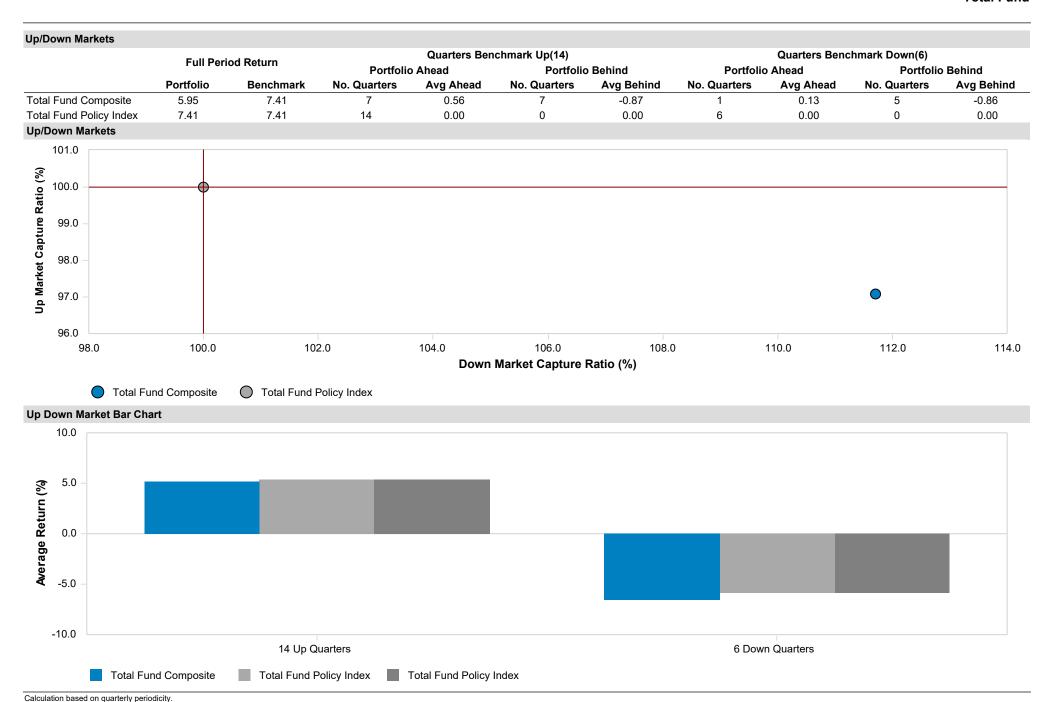
Peer: All Public Plans-Total Fund

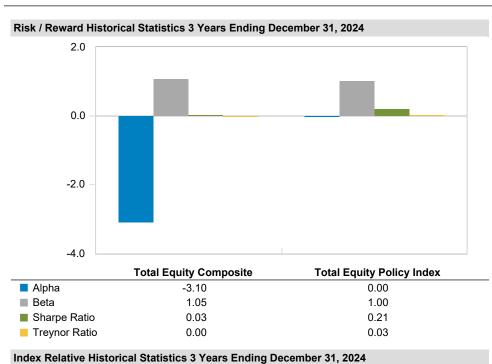
Total Fund Composite

Total Fund Policy Index

28

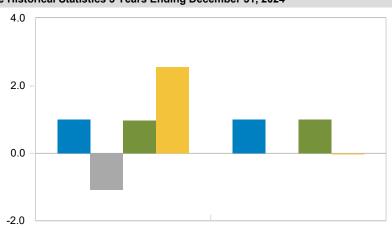
28





Risk / Reward Historical Statistics 5 Years Ending December 31, 2024 2.0 -2.0 -4.0

	Total Equity Composite	Total Equity Policy Index
Alpha	-2.31	0.00
Beta	1.04	1.00
Sharpe Ratio	0.41	0.51
Treynor Ratio	0.08	0.11



Total Equity Policy Index

1.00 N/A

1.00 0.00

Total Equity Composite

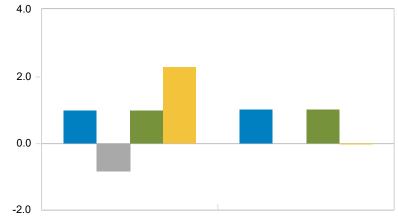
0.99

-1.08

0.98

2.55

Index Relative Historical Statistics 5 Years Ending December 31, 2024



	Total Equity Composite	Total Equity Policy Index
Actual Correlation	0.99	1.00
Information Ratio	-0.82	N/A
R-Squared	0.99	1.00
Tracking Error	2.28	0.00

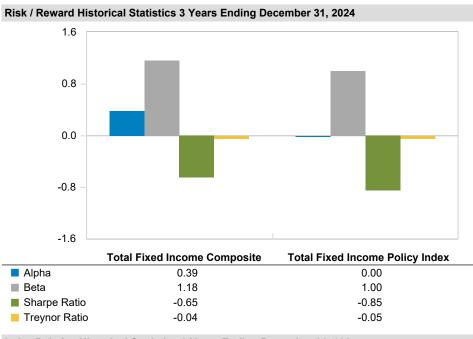
Tracking Error

Benchmark: Total Equity Policy Index

Actual Correlation

■ Information Ratio

R-Squared



1.8 1.2 0.6 -0.6 -1.2

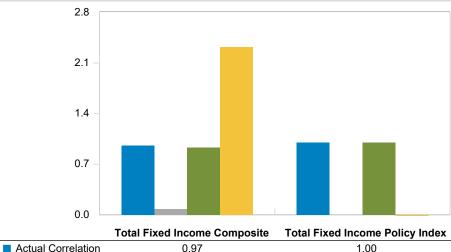
	Total Fixed Income Composite	Total Fixed Income Policy Index
Alpha	0.02	0.00
■ Beta	1.12	1.00
Sharpe Ratio	-0.32	-0.40
Treynor Ratio	-0.02	-0.02

Index Relative Historical Statistics 3 Years Ending December 31, 2024

0.08

0.93

2.32

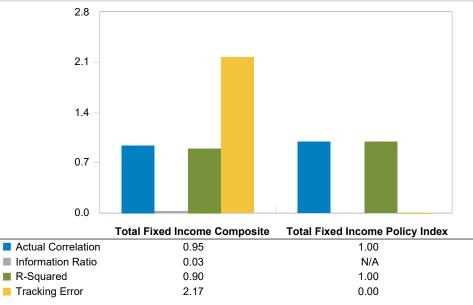


N/A

1.00

0.00

Index Relative Historical Statistics 5 Years Ending December 31, 2024



Benchmark: Total Fixed Income Policy Index

■ Information Ratio

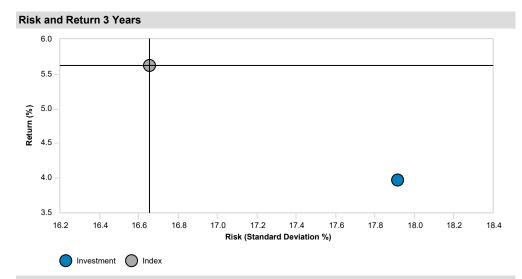
R-Squared

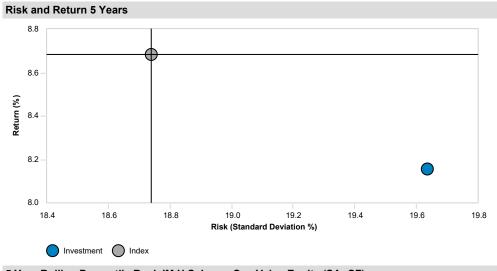
Tracking Error

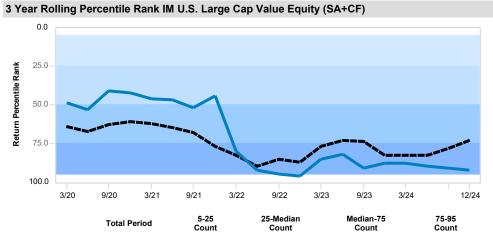
Page Intentionally Left Blank

Historical Statistics 3 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	3.97	17.92	0.09	102.35	6	109.48	6	
Index	5.63	16.66	0.18	100.00	6	100.00	6	

Historical Statistics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	8.16	19.63	0.38	101.00	12	102.86	8	
Index	8.68	18.74	0.41	100.00	12	100.00	8	







6 (30%)

0 (0%)

2 (10%)

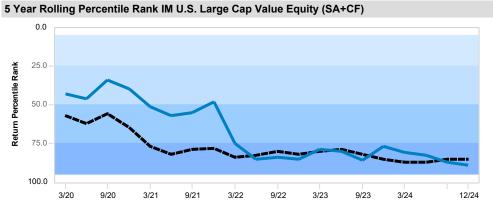
10 (50%)

12 (60%)

10 (50%)

0 (0%)

0 (0%)



	Total Period	Count	Count	Count	Count	
Investment	20	0 (0%)	5 (25%)	4 (20%)	11 (55%)	
Index	20	0 (0%)	0 (0%)	4 (20%)	16 (80%)	

25 Modian

75.05

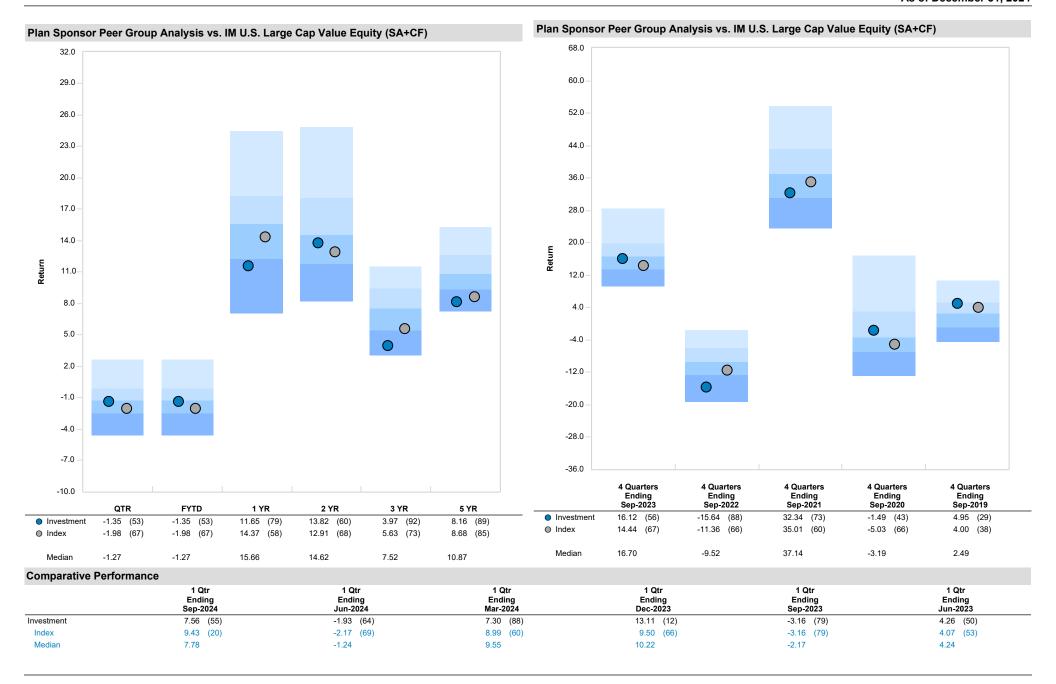
E 25

Investment

__ Index

20

20



Risk / Reward Historical Statistics 3 Years Ending December 31, 2024 2.0 1.0 -1.0 -2.0 -3.0 Ceredex Equity Russell 1000 Value Index

1.8 1.2 0.6 -0.6 -1.2

	Ceredex Equity	Russell 1000 Value Index
Alpha	-0.68	0.00
Beta	1.04	1.00
Sharpe Ratio	0.37	0.41
Treynor Ratio	0.07	0.08

Index Relative Historical Statistics 5 Years Ending December 31, 2024

Index Relative Historical Statistics 3 Years Ending December 31, 2024

Ceredex Equity

0.97

-0.34

0.93

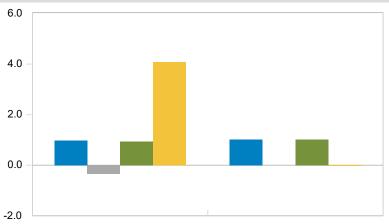
4.09

-1.79

1.06

0.08

0.01



0.00

1.00

0.20

0.03

Russell 1000 Value Index

1.00 N/A

1.00 0.00

4.5			
3.0 -			
1.5 –			
0.0			
-1.5			

	Ceredex Equity	Russell 1000 Value Index
Actual Correlation	0.98	1.00
Information Ratio	-0.06	N/A
R-Squared	0.97	1.00
Tracking Error	3.84	0.00

Benchmark: Russell 1000 Value Index

Actual Correlation

■ Information Ratio

R-Squared

Tracking Error

Alpha

Beta

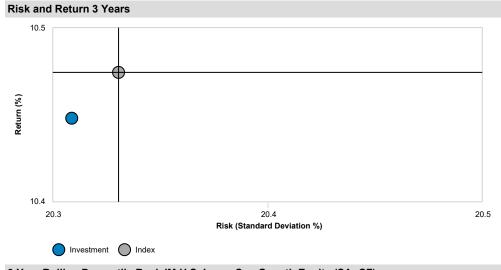
■ Sharpe Ratio

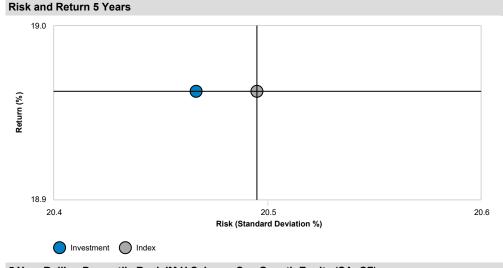
Treynor Ratio

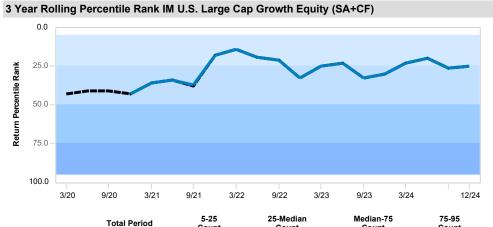
Page Intentionally Left Blank

Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.45	20.31	0.41	99.89	8	99.95	4
Index	10.47	20.33	0.41	100.00	8	100.00	4

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	18.96	20.47	0.84	99.93	15	99.89	5
Index	18.96	20.50	0.84	100.00	15	100.00	5







Count

8 (47%)

11 (55%)

Count

0 (0%)

0 (0%)

Count

0 (0%)

0 (0%)

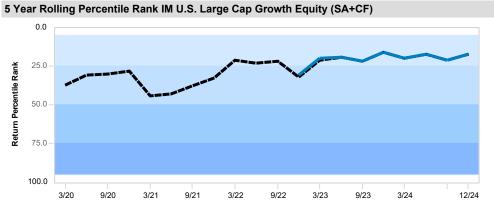
Count

9 (53%)

9 (45%)

17

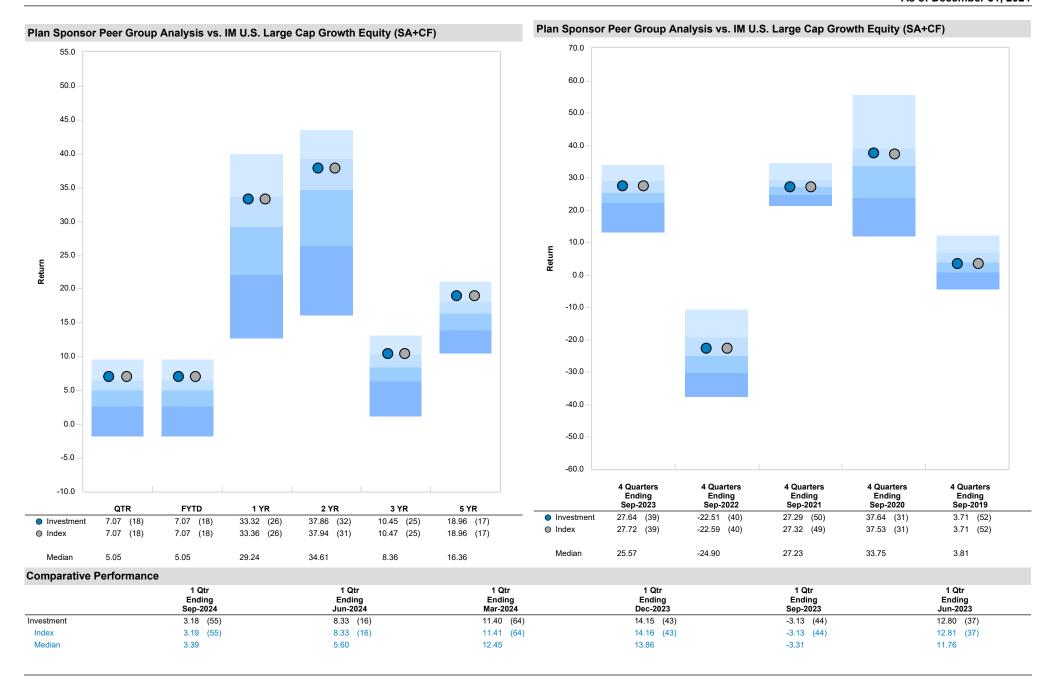
20



	Total Period	Count	Count	Count	Count
Investment	9	8 (89%)	1 (11%)	0 (0%)	0 (0%)
Index	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)

Investment

__ Index



9 (45%)

0 (0%)

0 (0%)

11 (55%)

	stics 3 Years							Historical Statis	tics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Dow Quart
estment dex	5.92 10.47	22.22 20.33	0.20 0.41	91.23 100.00	8	102.72 100.00	4	Investment Index	N/A 18.96	N/A 20.50	N/A 0.84	N/A 100.00	N/A 15	N/A 100.00	N/A
k and Retur	n 3 Years							Risk and Return	n 5 Years						
12.0								19.0							
10.0 –	$\overline{}$														
								_							_
8.0 —								Return (%)							Ĭ
								Ret							
6.0 —															
4.0															
4.0	20.1 20.4		21.0 21.		21.9	22.2 22.5	5 22.8	18.9							
	20.1 20.4		21.0 21. Risk (Standard		21.9	22.2 22.5	5 22.8				Risk (Standard	d Deviation %)			
19.8	20.1 20.4 estment Index				21.9	22.2 22.4	5 22.8	20.4	stment		Risk (Standard	d Deviation %)			:
19.8 Inve			Risk (Standard	Deviation %)		22.2 22.	5 22.8	20.4		K	·	ŕ	/ (SA+CF)		2
19.8	estment		Risk (Standard	Deviation %)		22.2 22.	5 22.8	20.4 Inves		K	·	ŕ	/ (SA+CF)		2
19.8 Inve	estment		Risk (Standard	Deviation %)		22.2 22.	5 22.8	20.4 Inverted in the second of		K	·	ŕ	/ (SA+CF)		
19.8 Inve	estment		Risk (Standard	Deviation %)		22.2 22.	5 22.8	20.4 Inverted Inverte		K	·	ŕ	/ (SA+CF)		
19.8 Inve	estment		Risk (Standard	Deviation %)		22.2 22.	5 22.8	20.4 Inverted Inverte		K	·	ŕ	/ (SA+CF)		
19.8 Inve	estment		Risk (Standard	Deviation %)		22.2 22.	5 22.8	20.4 Inverted Inverte		K	·	ŕ	/ (SA+CF)		2
19.8 Inve	estment		Risk (Standard	Deviation %)		22.2 22.	5 22.8	20.4 Inverted Inverte		K	·	ŕ	/ (SA+CF)		
19.8 Invested Investe	estment		Risk (Standard	Deviation %)		22.2 22.	5 22.8	5 Year Rolling F		K	·	ŕ	y (SA+CF)		
19.8 Inve	estment		Risk (Standard	Deviation %)		22.2 22.	5 22.8	5 Year Rolling F 25.0 50.0 75.0		K	·	ŕ	/ (SA+CF)		
19.8 Invested Investe	estment	(IM U.S. La	rge Cap Gro	Deviation %)	(SA+CF)	22.2 22.9	5 22.8	20.4 Inverted Inverte	Percentile Rar	K	·	ŕ		3/24	
19.8 Inve	Percentile Rank	(IM U.S. La	rge Cap Gro	owth Equity	(SA+CF)	3/24		20.4 Investige Rank 25.0 - 25.	Percentile Rar	nk IM U.S. La	irge Cap Gr	rowth Equity		75	12/2 75-95 Count

0 (0%)

0 (0%)

__ Index

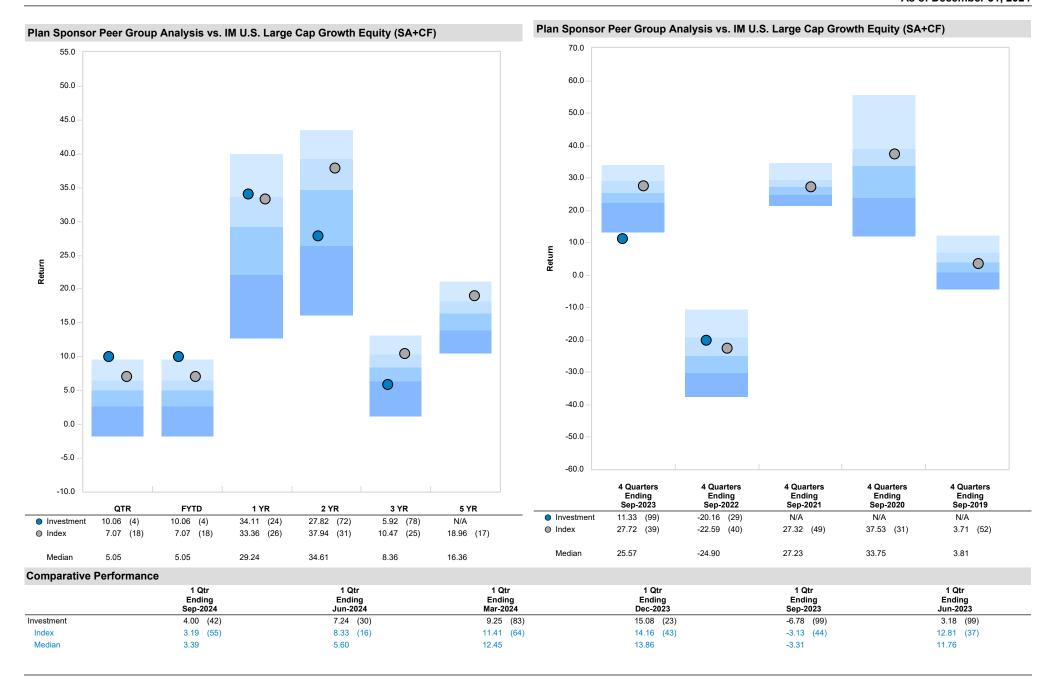
20

__ Index

20

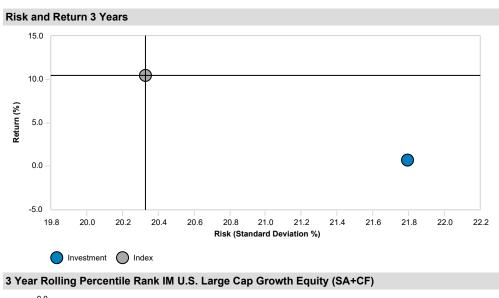
9 (45%)

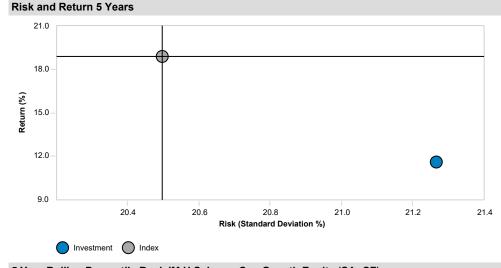
11 (55%)

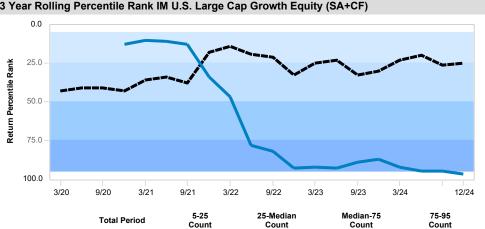


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.77	21.79	-0.03	85.98	6	115.94	6
Index	10.47	20.33	0.41	100.00	8	100.00	4

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.61	21.27	0.51	88.03	13	106.83	7
Index	18.96	20.50	0.84	100.00	15	100.00	5







2 (12%)

11 (55%)

0 (0%)

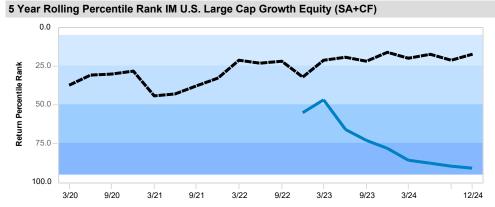
0 (0%)

11 (65%)

0 (0%)

4 (24%)

9 (45%)



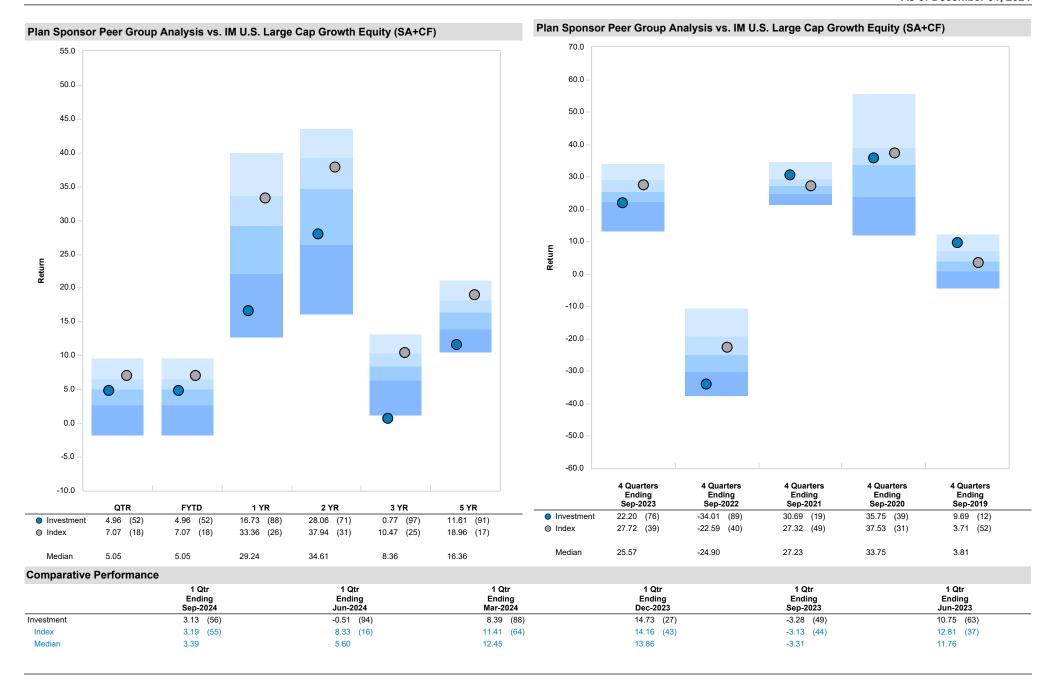
	Total Period	5-25 Count	Count	Count	Count	
Investment	9	0 (0%)	1 (11%)	3 (33%)	5 (56%)	
Index	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)	

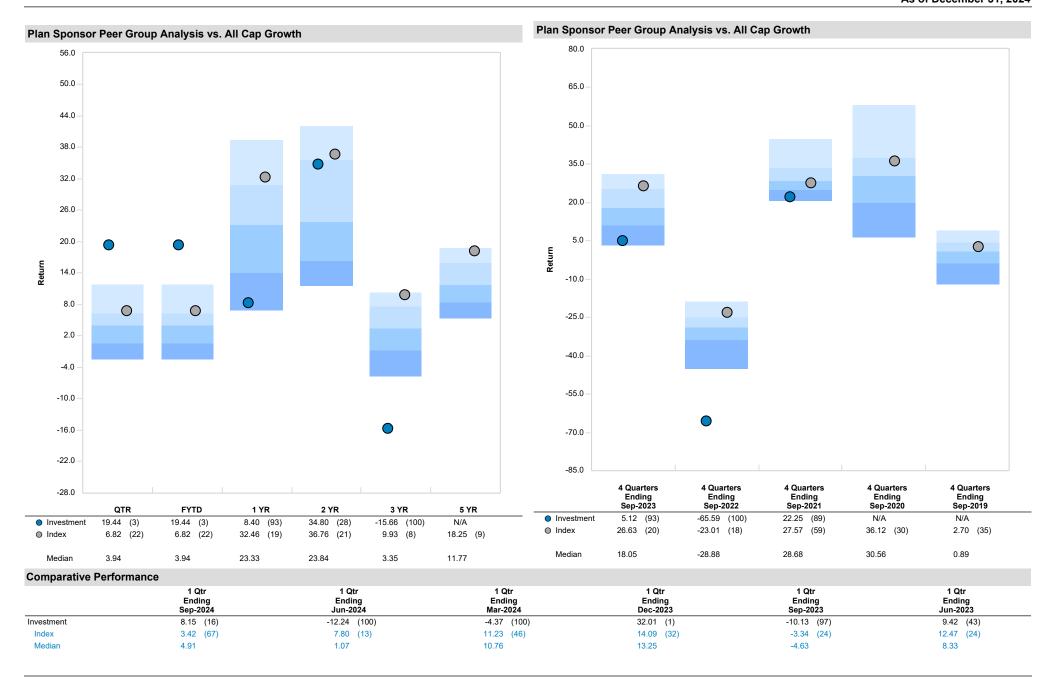
Investment

__ Index

17

20







12 (60%)

4 (20%)

	tics 3 Years			Up		Down		Historical Statis	tics 5 Years			Up		Down	
	Return	Standard Deviation	Sharpe Ratio	Market Capture	Up Quarters	Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Market Capture	Up Quarters	Market Capture	Do Quai
tment	4.58 3.35	25.31 20.98	0.15 0.08	77.59	6 6	64.89 100.00	6	Investment Index	N/A	N/A 21.49	N/A 0.44	N/A 100.00	N/A	N/A	N
ex	3.33	20.96	0.08	100.00	0	100.00	0	index	10.01	21.49	0.44	100.00	12	100.00	
and Return	3 Years							Risk and Return	ı 5 Years						
4.8								10.1							
4.4 —															
4.0 — 3.6 —								Return (%)							
3.6 –								Retu							
3.2 —															
19.8 20	0.4 21.0	21.6 22.2 F	22.8 Risk (Standard	23.4 24.0 Deviation %)	24.6	25.2 25	.8 26.4	10.0		-	Risk (Standard	d Deviation %)			
	ment								stment						
	ercentile Ran	k Mid-Cap G	rowth					5 Year Rolling F	Percentile Rani	Mid-Cap G	rowth				
0.0				4000				0.0							
								25.0 –							
25.0 —			/- -	/				a E							
25.0 –								on Percentile					<i></i>		
								25.0 – 2.0.0 –			- Parker				
50.0 —	9/20 3/2	1 21 9/21	3/22	9/22 3/23	9/23	3/24	12/24	75.0 – 3/20	9/20 3/2	1 9/21	3/22	9/22 3/23	9/23	3/24	12/
75.0	9/20 3/2 Total Period	E 25	2	9/22 3/23 25-Median Count	9/23 Median-75 Count	5 7		100.0	9/20 3/2 Total Period	1 9/21 5-25 Coun	2	9/22 3/23 25-Median Count	9/23 Median-75 Count	7:	

__ Index

20

9 (45%)

2 (10%)

1 (5%)

8 (40%)

__ Index

20

3 (15%)

1 (5%)



3 (15%)

0

16 (80%)

0

1 (5%)

listorical Stati	stics 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
nvestment Index	N/A 4.87	N/A 20.75	N/A 0.15	N/A 100.00	N/A 7	N/A 100.00	N/A 5	Investment Index	N/A 10.34	N/A 22.27	N/A 0.45	N/A 100.00	N/A 13	N/A 100.00	N/A 7
isk and Retur	n 3 Years							Risk and Retur	n 5 Years						
4.9								10.4							
Return (%)								Return (%)							
Ket								Refu					 		
4.8							20.8	10.3							22.3
Investigation	stment Index	F	Risk (Standar	d Deviation %)				☐ Inve	estment Inde		Risk (Standar	d Deviation %)			
	Percentile Ran	k Mid Cap						5 Year Rolling I							
0.0								0.0							
25.0 –					·			Y 25.0 –							
60.0 – 50				and of the last of				ercentile 50.0 –		_					
Seturn Percentile Rank - 0.05 - 0.05 - 0.05	/							25.0 – 25			·				
400.0								100.0							
3/20	9/20 3/2	1 9/21	3/22	9/22 3/23	9/23	3/24	12/24	100.0 3/20	9/20 3	/21 9/21	3/22	9/22 3/23	3 9/23	3/24	12/24
	Total Period	5-25 Cour		25-Median Count	Median-75 Count		75-95 Count		Total Perio	d 5-2 Cou	5 int	25-Median Count	Median-79 Count		75-95 Count

__ Investment

__ Index

0

20

0

0 (0%)

0

0 (0%)

10 (50%)

__ Investment

__ Index

0

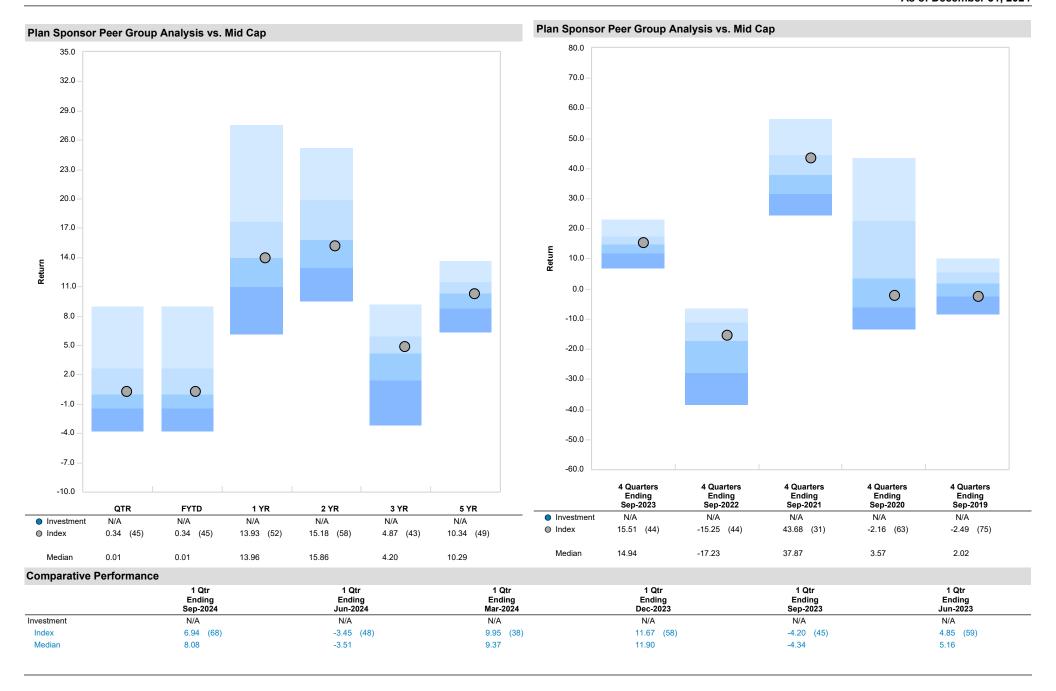
20

0

0 (0%)

0

10 (50%)



Page Intentionally Left Blank

0 (0%)

0 (0%)

	Return	Standard	Sharpe	Up Market	Up	Down Market	Down	Historical Statis	Return	Standard	Sharpe	Up Market	Up	Down Market	Do
		Deviation	Ratio	Capture	Quarters	Capture	Quarters			Deviation	Ratio	Capture	Quarters	Capture	Quar
stment dex	N/A 8.94	N/A 17.15	N/A 0.37	N/A 100.00	N/A 8	N/A 100.00	N/A 4	Investment Index	N/A 14.53	N/A 18.06	N/A 0.71	N/A 100.00	N/A 15	N/A 100.00	N/
k and Return	3 Years							Risk and Return	n 5 Years						
9.0								14.6							
								(%)							
								Return (%)							
					Υ			_							
												Ψ			
8.9			17.1				17.2	14.5 Land				'			
17.0							=	10.0							
		F	17.11 Risk (Standard I				2				Risk (Standard	d Deviation %)			
Invest	ment Index		Risk (Standard I	Deviation %)				Inve	stment						
Investi	ment		Risk (Standard I	Deviation %)	A+CF)			Investigation In					SA+CF)		
Investi			Risk (Standard I	Deviation %)	A+CF)			Inve					SA+CF)		
ear Rolling P			Risk (Standard I	Deviation %)	A+CF)			5 Year Rolling F					SA+CF)		
Investi			Risk (Standard I	Deviation %)	A+CF)			5 Year Rolling F					SA+CF)		
ear Rolling P			Risk (Standard I	Deviation %)	A+CF)			5 Year Rolling F					SA+CF)		~~~
ear Rolling P			Risk (Standard I	Deviation %)	A+CF)			5 Year Rolling F					SA+CF)		
ear Rolling P			Risk (Standard I	Deviation %)	A+CF)			5 Year Rolling F					SA+CF)		
ear Rolling P 0.0 25.0			Risk (Standard I	Deviation %)	A+CF)			5 Year Rolling F 0.0 25.0 50.0 75.0					SA+CF)		
ear Rolling P		(IM U.S. Lar	rge Cap Col	Deviation %)		3/24	12/24	5 Year Rolling F		k IM U.S. La				3/24	12

__ Index

20

0 (0%)

20 (100%)

__ Index

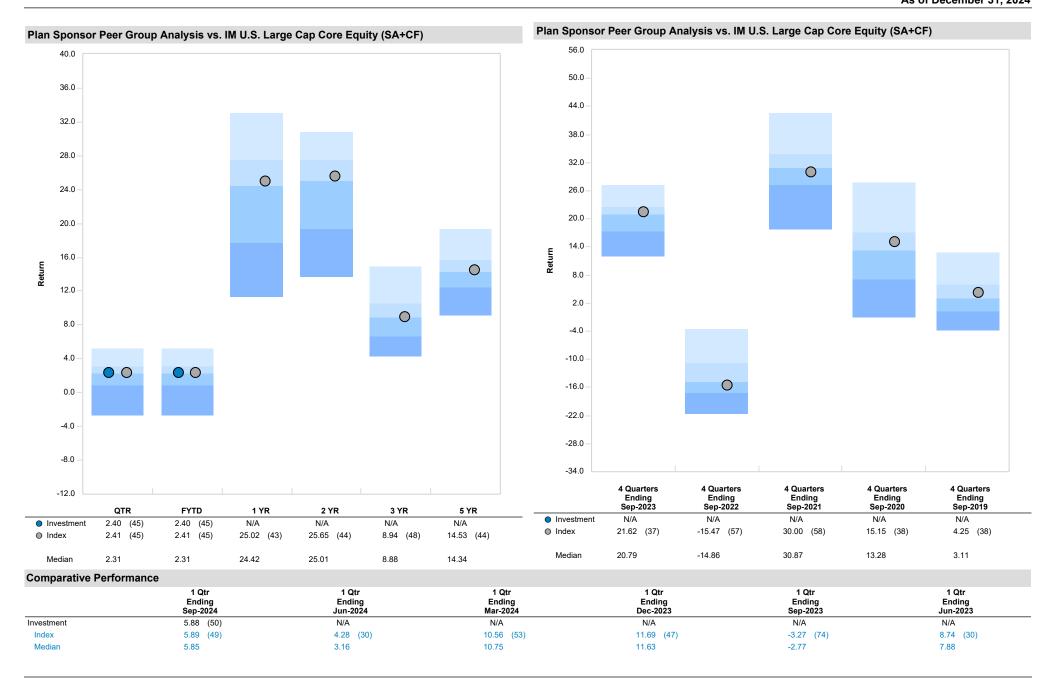
20

20 (100%)

0 (0%)

0 (0%)

0 (0%)



listorical Sta	tistics 3 Years							Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
nvestment	1.30 1.24	23.30 23.30	0.01 0.00	100.08 100.00	7	99.89 100.00	5 5	Investment Index	7.48 7.40	24.49 24.48	0.32 0.32	100.11 100.00	13 13	99.91 100.00	7
isk and Retu	rn 3 Years							Risk and Retur	n 5 Years						
1.5								7.5							
1.4 —															
Return (%)								7.4 –						—	
1.3 –								ž							
—															
23.3		F	23. Risk (Standard				23.5	7.3 24.4		ı	Risk (Standar	d Deviation %)			24.5
	estment Index								stment						
	Percentile Rar	nk Small Bler	nd					5 Year Rolling	Percentile Rar	nk Small Blei	nd				
0.0								0.0							
25.0 – S								25.0 –							
Seturn Percentile Rank -0.05 -0.05 -0.05				A				25.0 – Setum Percentile Rank		· ·					
75.0 – Xet								75.0 – Zetura							
100.0								100.0							
3/20	9/20 3/	21 9/21	3/22	9/22 3/23	9/23	3/24	12/24	3/20	9/20 3/	/21 9/21	3/22	9/22 3/2	23 9/23	3/24	12/24
	Total Period	i 5-25 Cour	5 2 nt	25-Median Count	Median-75 Count		75-95 Count		Total Period	d 5-2 Cou		25-Median Count	Median- Count		75-95 Count

__ Investment

__ Index

0 (0%)

5 (25%)

14

20

2 (14%)

3 (15%)

5 (36%)

5 (25%)

7 (50%)

7 (35%)

0 (0%)

5 (25%)

6

20

__ Investment

__ Index

0 (0%)

4 (20%)

6 (100%)

11 (55%)

0 (0%)

0 (0%)



5-25 Count

0 (0%)

5 (25%)

Total Period

20

20

__ Investment

25-Median

Count

20 (100%)

15 (75%)

75-95 Count

0 (0%)

0 (0%)

Median-75

Count

0 (0%)

0 (0%)

	Datum	Standard	Sharpe	Up Market	Up	Down	Down		Detum	Standard	Sharpe	Up Market	Up	Down Market	Do
	Return	Deviation	Ratio	Capture	Quarters	Market Capture	Quarters		Return	Deviation	Ratio	Capture	Quarters	Capture	Quar
tment ex	0.89 2.17	17.75 16.61	-0.08 -0.02	101.11 100.00	6 6	106.17 100.00	6 6	Investment Index	4.76 5.24	18.68 17.69	0.21 0.24	102.97 100.00	12 12	105.18 100.00	8
5A	2.17	10.01	-0.02	100.00	Ü	100.00	Ü	index	5.24	17.09	0.24	100.00	12	100.00	
and Return	3 Years							Risk and Return	5 Years						
2.8								5.4							
2.4	<u> </u>							5.2 —	$\overline{}$						
2.0								(%)							
1.6 —								Return (%)							
1.2 —								4.8 —						_	
0.8															
0.4	16.4 16.6	16.8 R	17.0 Risk (Standard		17.4 17.0	6 17.8	18.0	4.6	17.6 17	 7.8			18.6	18.8	
16.2	16.4 16.6 nent		17.0 Risk (Standard		17.4 17.4	6 17.8	18.0	17.4	17.6 17		0 18.2 Risk (Standard		18.6	18.8	
16.2 Investn		R			17.4 17.9	6 17.8	18.0	17.4	ent	F			18.6	18.8	
16.2	nent	R			17.4 17.	6 17.8	18.0	17.4 Investment	ent	F			18.6	18.8	
16.2 Investor	nent	R			17.4 17.4	6 17.8	18.0	17.4 Investme 5 Year Rolling Pe 0.0	ent	F			18.6	18.8	
ar Rolling Po	nent	R			17.4 17.	6 17.8	18.0	17.4 Investme 5 Year Rolling Pe 0.0	ent Index	F			18.6	18.8	
ar Rolling Po	nent	R			17.4 17.9	6 17.8	18.0	17.4 Investme 5 Year Rolling Pe 0.0	ent	F			18.6	18.8	
ar Rolling Po	nent	R			17.4 17.9	6 17.8	18.0	5 Year Rolling Pe 0.0 25.0	ent Index	F			18.6	18.8	
16.2 Investmar Rolling Po	nent	R			17.4 17.9	6 17.8	18.0	17.4 Investme 5 Year Rolling Pe 0.0	ent Index	F			18.6	18.8	

75-95 Count

0 (0%)

0 (0%)

Median-75

Count

3 (15%)

3 (15%)

__ Investment

__ Index

5-25 Count

0 (0%)

5 (25%)

Total Period

20

20

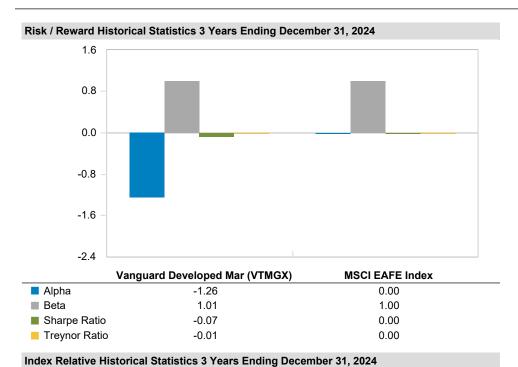
25-Median

Count

17 (85%)

12 (60%)





1.8 1.2 0.6 -0.6 -1.2

	Vanguard Developed Mar (VTMGX)	MSCI EAFE Index
Alpha	-0.58	0.00
Beta	1.04	1.00
Sharpe Ratio	0.21	0.24
Treynor Ratio	0.04	0.05

1.6 0.8 -0.0 --0.8 --1.6 -

MSCI EAFE Index

1.00

N/A

1.00

0.00

Vanguard Developed Mar

(VTMGX)

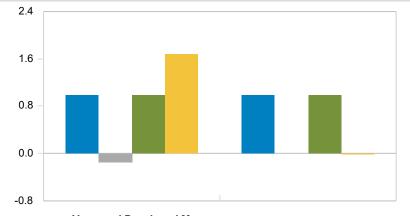
1.00

-1.26

1.00

0.99

Index Relative Historical Statistics 5 Years Ending December 31, 2024



	Vanguard Developed Mar (VTMGX)	MSCI EAFE Index
Actual Correlation	1.00	1.00
Information Ratio	-0.15	N/A
R-Squared	1.00	1.00
Tracking Error	1.68	0.00

Benchmark: MSCI EAFE Index

R-Squared

Actual Correlation

■ Information Ratio

-2.4

Page Intentionally Left Blank

	ics 3 Years			Up		Down		Historical Statis	dics 5 rears			Up		Down	
	Return	Standard Deviation	Sharpe Ratio	Market Capture	Up Quarters	Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Market Capture	Up Quarters	Market Capture	Dov Quar
tment ex	N/A -1.48	N/A 17.50	N/A -0.22	N/A 100.00	N/A 7	N/A 100.00	N/A 5	Investment Index	N/A 2.10	N/A 18.35	N/A 0.07	N/A 100.00	N/A 12	N/A 100.00	N/
	1.40	17.50	0.22	100.00	,	100.00	Ü	IIIdox	2.10	10.00	0.01	100.00	12	100.00	
and Return	3 Years							Risk and Retur	n 5 Years						
-1.4								2.2							
							_	(%							
-1.5 —								Return (%)							
								8							
-1.6								2.1					Ψ		
17.4			Risk (Standard I	Deviation %)			17.5	18.2		F	18. Risk (Standard				
			•												
Investr	ment		`					Inves	tment						
	nent Index		•	Mkts					tment Index	k Diversified	d Emerging				
	nent Index		•	Mkts				5 Year Rolling I	_	k Diversified	d Emerging				
ar Rolling Pe			•	Mkts				5 Year Rolling I	_	k Diversified	d Emerging				
ar Rolling Pe			•	Mkts				5 Year Rolling I	_	k Diversified	d Emerging				
0.0 25.0			•	Mkts				5 Year Rolling I	_	k Diversified	1 Emerging				
o.0			•	Mkts				5 Year Rolling I	_	k Diversified	d Emerging		·		
25.0 – 50.0 –			•	Mkts				5 Year Rolling I	_	k Diversified	d Emerging		···		
0.0 25.0			•	Mkts				5 Year Rolling I	_	k Diversified	d Emerging				
25.0 – 50.0 –			•	Mkts		o^i		5 Year Rolling I	_	k Diversified	d Emerging				
25.0 - 50.0 - 75.0 -		C Diversified	Emerging	Mkts 9/22 3/23	9/23	1 3/24	12/24	5 Year Rolling I	_		d Emerging		9/23	3/24	12/

0 (0%)

18 (90%)

2 (10%)

0 (0%)

__ Index

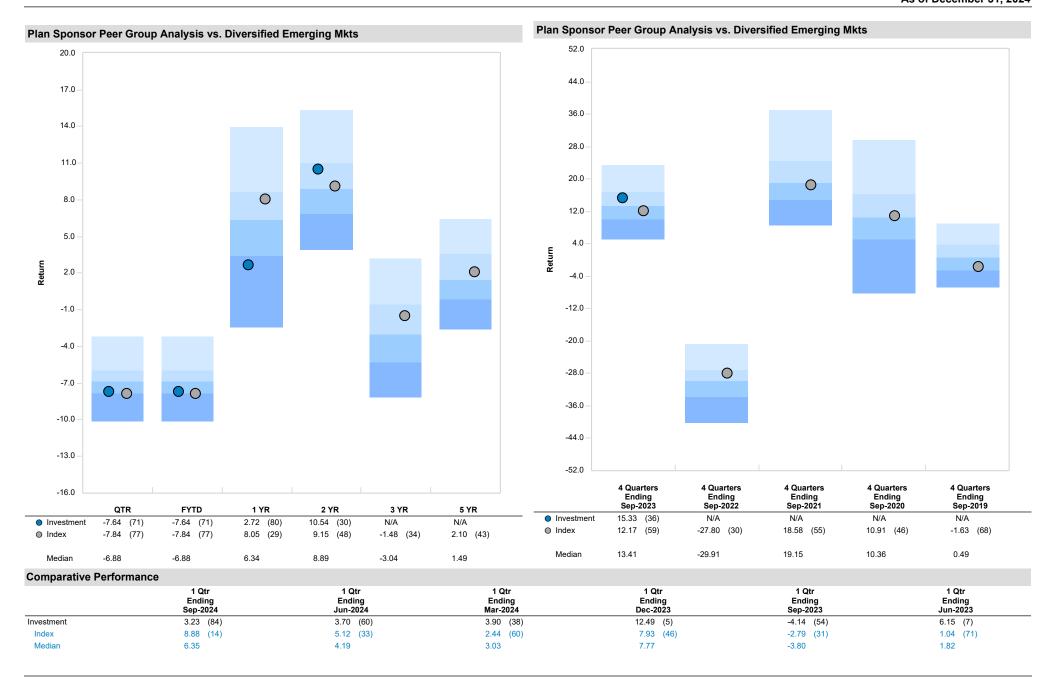
20

0 (0%)

20 (100%)

0 (0%)

0 (0%)



	tics 3 Years			11		D		Historical Statis	tics 5 Years			11-		D	
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Do Qua
etment ex	N/A -1.48	N/A 17.50	N/A -0.22	N/A 100.00	N/A 7	N/A 100.00	N/A 5	Investment Index	N/A 2.10	N/A 18.35	N/A 0.07	N/A 100.00	N/A 12	N/A 100.00	N
	0		V.22	700.00	•	100.00	· ·		2.10	1000	0.01	.00.00	-	100.00	
and Return	3 Years							Risk and Return	n 5 Years						
-1.4								2.2							
-1.5 —							-	Return (%)							
11.5								Retur							
-1.6								2.1					-		
17.4		Ri	isk (Standard D	eviation %)			17.5	18.2		F	18.: Risk (Standard				
Investr	ment Index							Inves	tment Index						
ar Rolling Po	ercentile Rank	Diversified	Emerging N	/lkts				5 Year Rolling I	Percentile Ran	k Diversified	l Emerging	Mkts			
0.0								0.0							
								¥ 25.0 –							
25.0							~	2							
			, of the same of t					one of the second secon					·		,,
25.0 –			A Parameter Services					eturn Percentile Re							,
25.0			A PARTIE NO.					25.0 – 25							,,
25.0 –	9/20 3/2*	1 9/21	3/22 9/	1/22 3/23	9/23	3/24	12/24	Weturn Percentile Re 2000 - 20	9/20 3/2	11 9/21	3/22	9/22 3/23	3 9/23	3/24	12

0 (0%)

18 (90%)

2 (10%)

0 (0%)

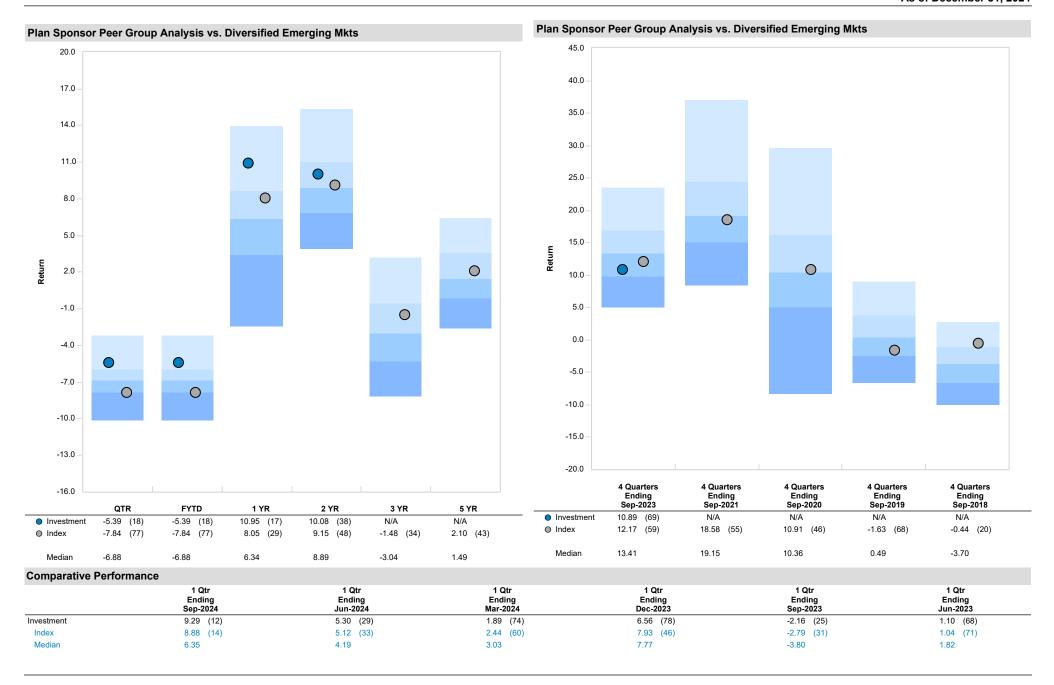
20

0 (0%)

20 (100%)

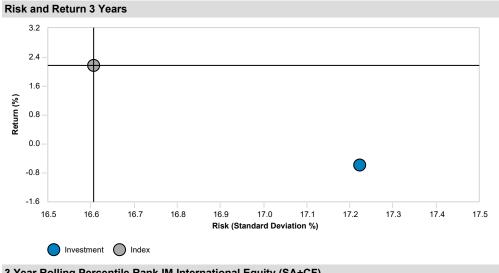
0 (0%)

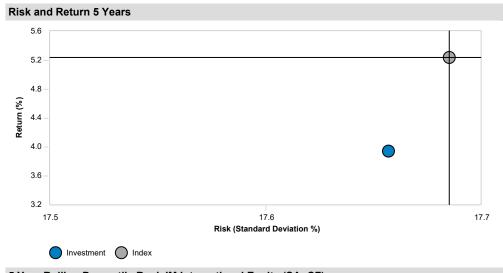
0 (0%)

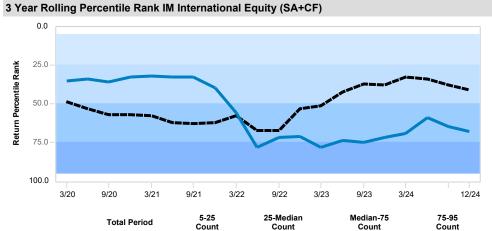


Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	-0.57	17.22	-0.17	89.31	7	99.57	5				
Index	2.17	16.61	-0.02	100.00	6	100.00	6				

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.95	17.66	0.17	94.03	13	97.97	7
Index	5.24	17.69	0.24	100.00	12	100.00	8







8 (40%)

8 (40%)

10 (50%)

12 (60%)

2 (10%)

0 (0%)

0 (0%)

0 (0%)



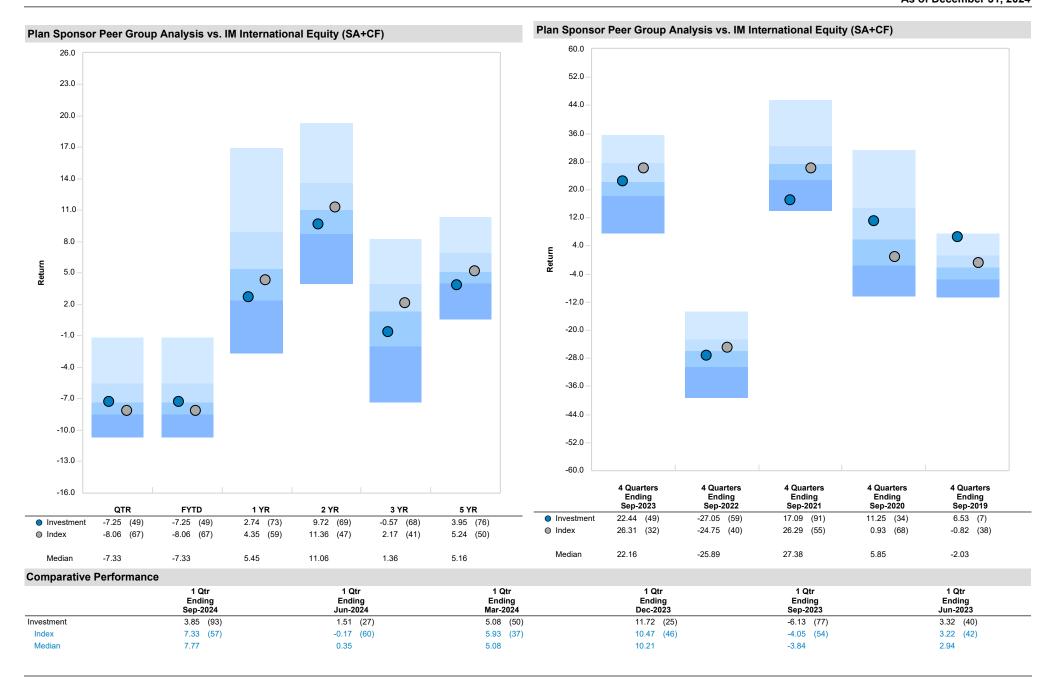
	Total Period	Count	Count	Count	Count	
Investment	18	0 (0%)	9 (50%)	7 (39%)	2 (11%)	
Index	20	0 (0%)	6 (30%)	14 (70%)	0 (0%)	

Investment

__ Index

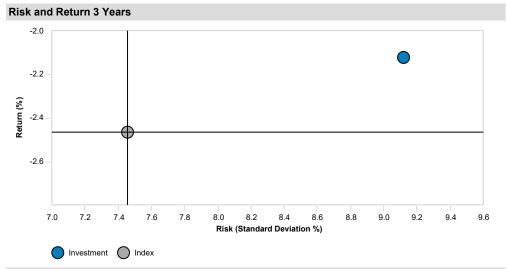
20

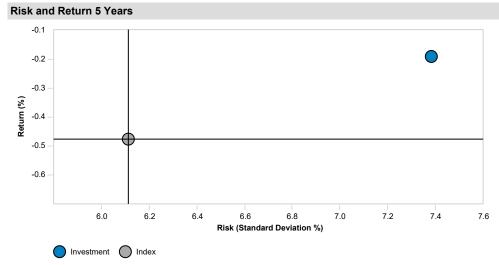
20

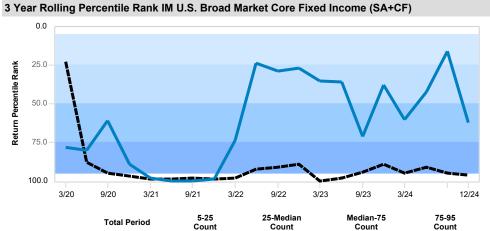


Historical Statistics 3 Years												
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters					
Investment	-2.12	9.12	-0.62	126.64	4	117.79	8					
Index	-2.46	7.45	-0.83	100.00	5	100.00	7					

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-0.19	7.38	-0.32	119.25	9	114.24	11
Index	-0.48	6.12	-0.45	100.00	11	100.00	9







6 (30%)

0 (0%)

5 (25%)

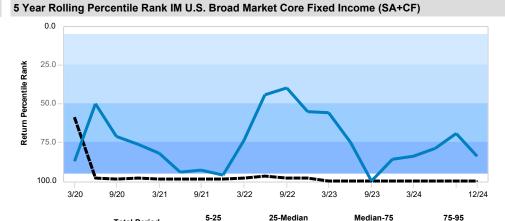
0 (0%)

7 (35%)

19 (95%)

2 (10%)

1 (5%)

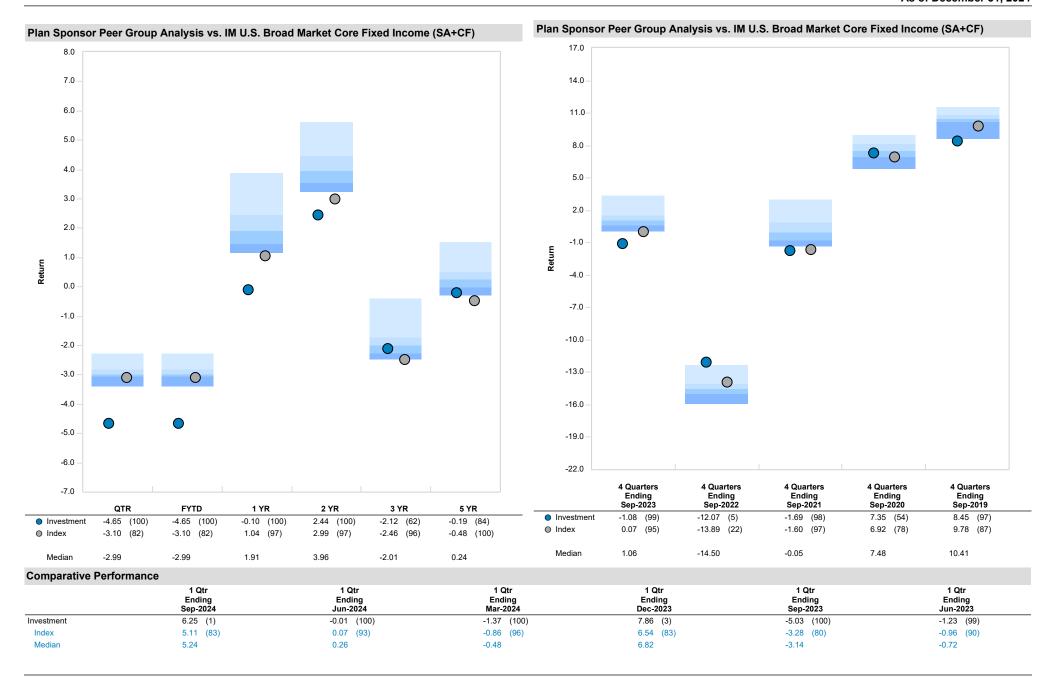


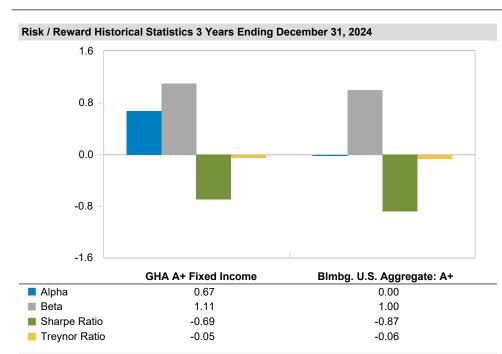
Investment

__ Index

20

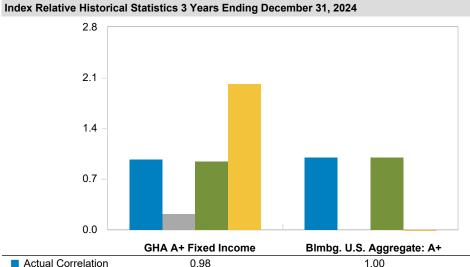
20





Risk / Reward Historical Statistics 5 Years Ending December 31, 2024 1.8 1.2 0.6 -0.6 -1.2

	GHA A+ Fixed Income	Blmbg. U.S. Aggregate: A+
Alpha	0.34	0.00
Beta	1.05	1.00
Sharpe Ratio	-0.34	-0.43
Treynor Ratio	-0.02	-0.03



0.21

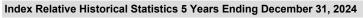
0.95

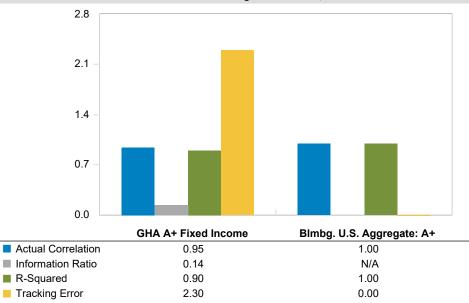
2.02

N/A

1.00

0.00





Benchmark: Blmbg. U.S. Aggregate: A+

■ Information Ratio

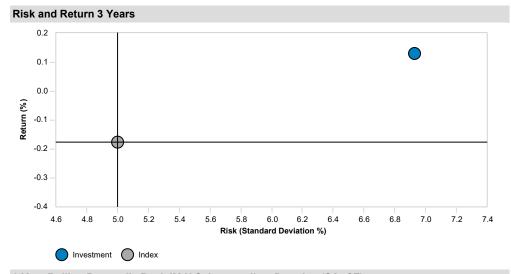
R-Squared

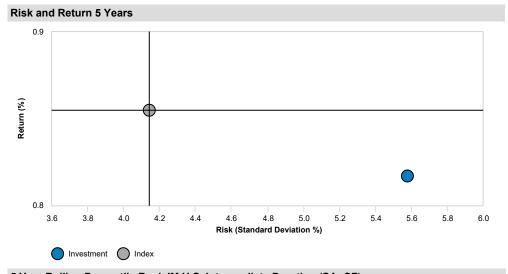
Tracking Error

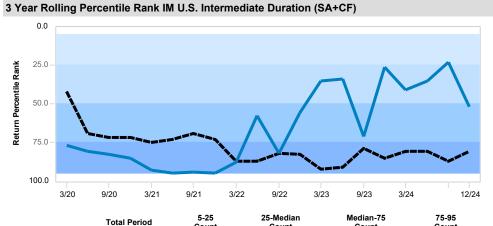
Page Intentionally Left Blank

Historical Statistics 3 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.13	6.93	-0.51	137.00	5	131.11	7
Index	-0.18	5.00	-0.81	100.00	5	100.00	7

Historical Statistics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.82	5.58	-0.27	124.29	11	128.01	9
Index	0.86	4.14	-0.37	100.00	11	100.00	9







Count

5 (25%)

1 (5%)

Count

4 (20%)

7 (35%)

Count

10 (50%)

12 (60%)

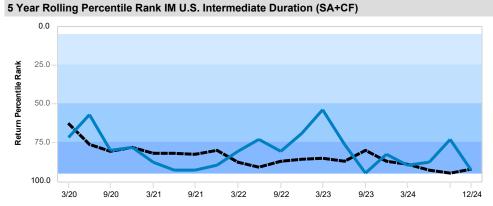
Count

1 (5%)

0 (0%)

20

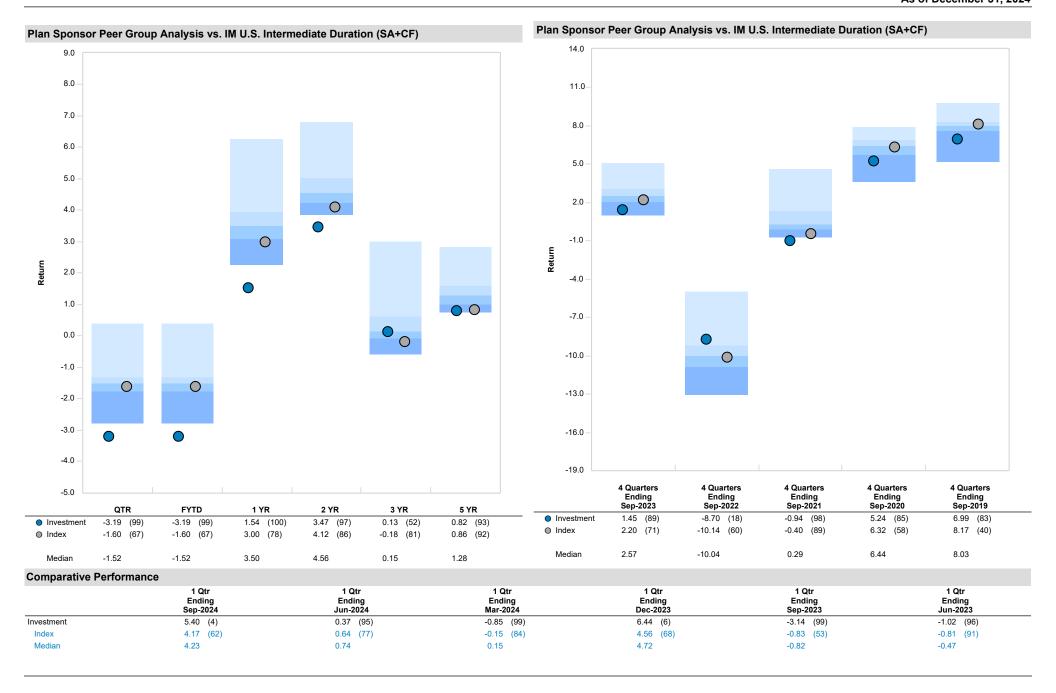
20

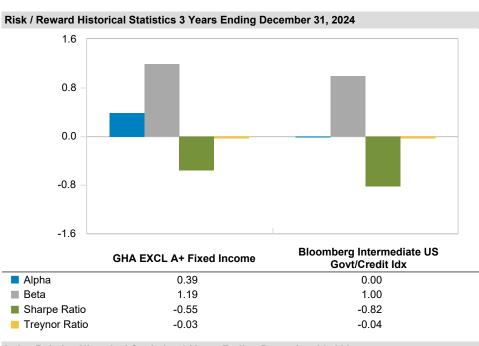


	Total Period	Count	Count	Count	Count	
Investment	20	0 (0%)	0 (0%)	6 (30%)	14 (70%)	
Index	20	0 (0%)	0 (0%)	1 (5%)	19 (95%)	

Investment

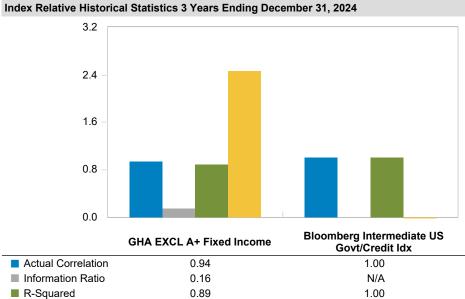
__ Index





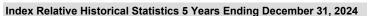
1.8 1.2 0.6 -0.6 -1.2

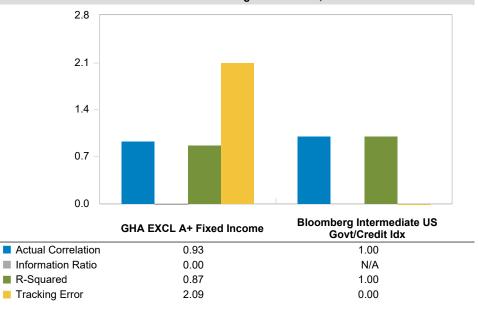
	GHA EXCL A+ Fixed Income	Bloomberg Intermediate US Govt/Credit Idx
■ Alpha	-0.12	0.00
■ Beta	1.13	1.00
Sharpe Ratio	-0.28	-0.35
Treynor Ratio	-0.01	-0.01



0.00

2.47





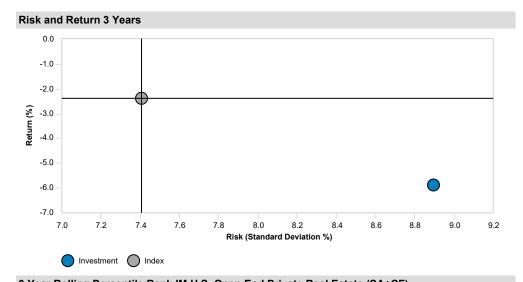
Benchmark: Bloomberg Intermediate US Govt/Credit Idx

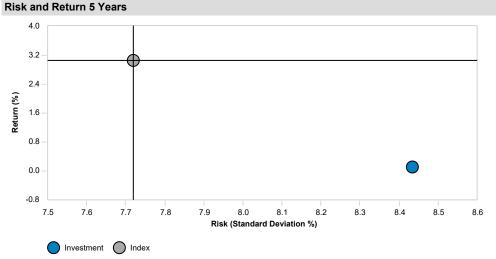
Tracking Error

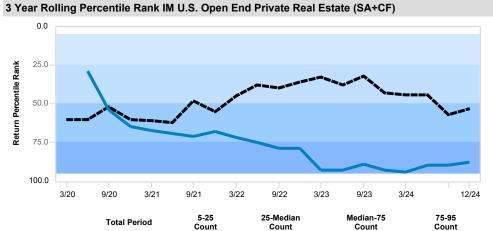
Page Intentionally Left Blank

Historical Statistics 3 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-5.89	8.89	-1.04	62.21	5	123.92	7
Index	-2.37	7.41	-0.77	100.00	5	100.00	7

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	0.12	8.43	-0.23	73.09	12	116.61	8			
Index	3.06	7.72	0.11	100.00	12	100.00	8			







1 (5%)

11 (55%)

8 (42%)

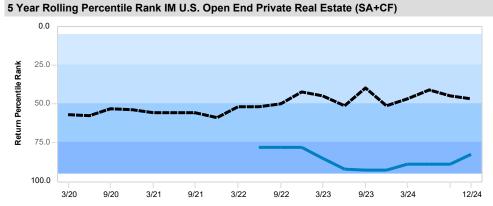
9 (45%)

10 (53%)

0 (0%)

0 (0%)

0 (0%)



	Total Period	Count	Count	Count	Count	
Investment	11	0 (0%)	0 (0%)	0 (0%)	11 (100%)	
Index	20	0 (0%)	8 (40%)	12 (60%)	0 (0%)	

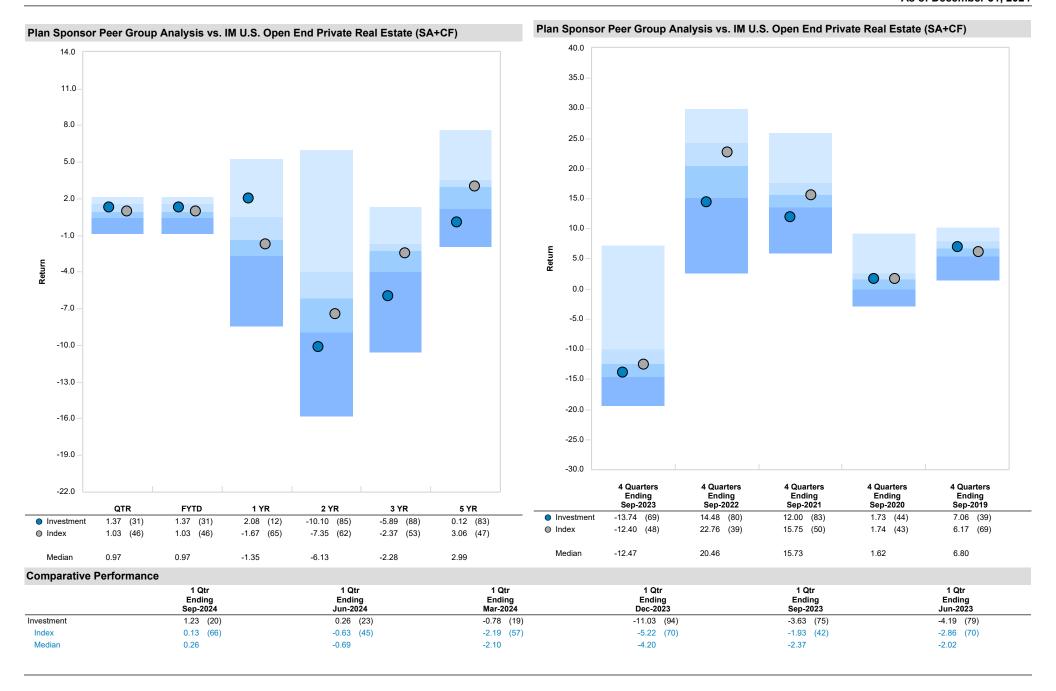
E 25

75 95

Investment

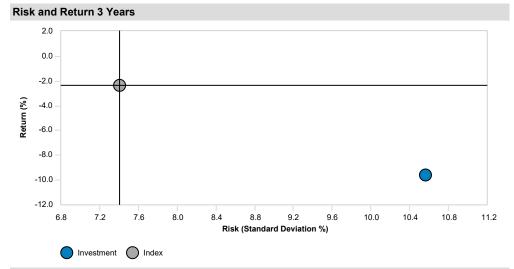
19

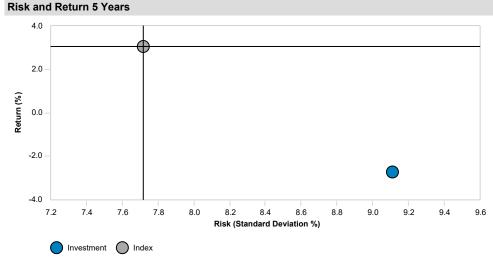
20

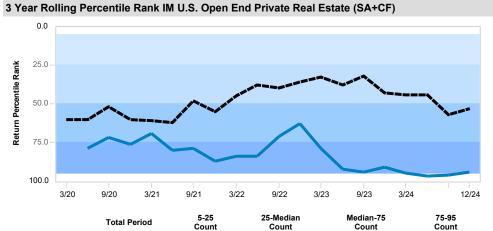


	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
nvestment	-9.57	10.56	-1.22	93.53	4	199.95	8
Index	-2.37	7.41	-0.77	100.00	5	100.00	7

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	-2.72	9.11	-0.50	79.59	11	190.96	9			
Index	3.06	7.72	0.11	100.00	12	100.00	8			







0 (0%)

11 (55%)

4 (21%)

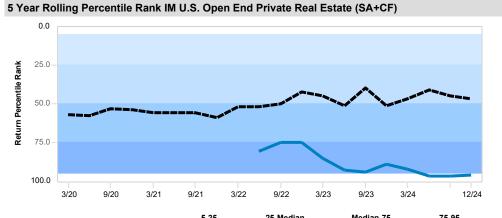
9 (45%)

15 (79%)

0 (0%)

0 (0%)

0 (0%)

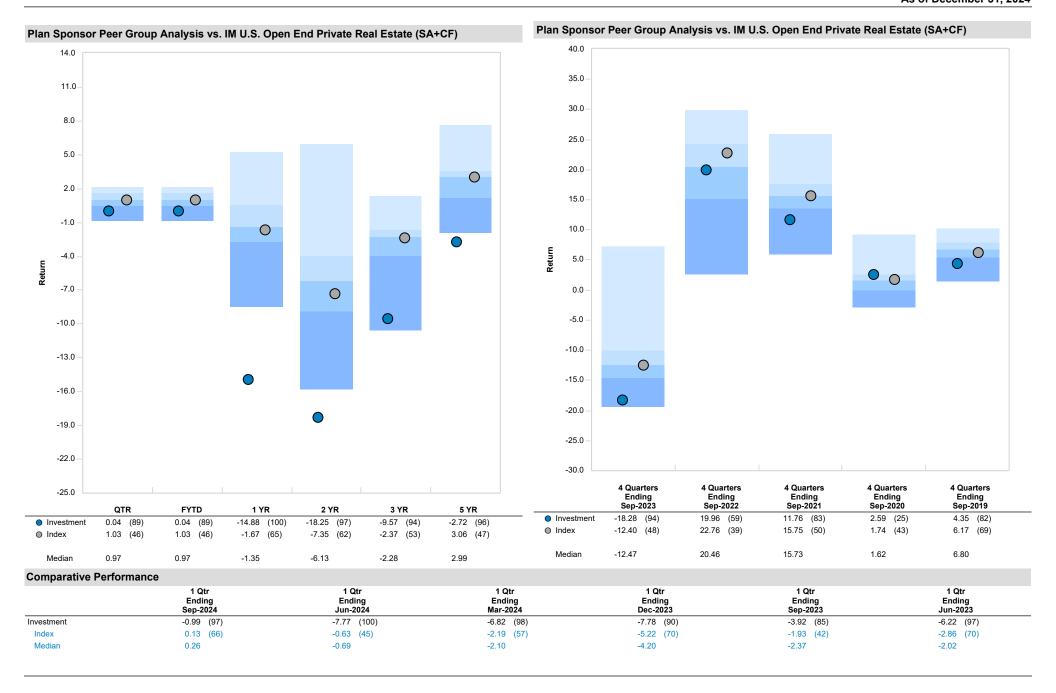


	Total Period	Count	Count	Count	Count	
Investment	11	0 (0%)	0 (0%)	2 (18%)	9 (82%)	
Index	20	0 (0%)	8 (40%)	12 (60%)	0 (0%)	

Investment

19

20



Total Fund Historical Hybrid Composition			
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Jan-1998		Jul-2010	
S&P 500 Index	60.00	Russell 1000 Value Index	15.50
ICE BofAML Govt/ Corp Master	40.00	Bloomberg Intermediate US Govt/Credit Idx	20.00
		S&P MidCap 400 Index	10.00
Jan-2000		Russell 2500 Index	10.00
S&P 500 Index	50.00	Russell 1000 Growth Index	15.50
Blmbg. U.S. Aggregate Index	40.00	MSCI EAFE Index	9.00
MSCI EAFE Index	10.00	Blmbg. U.S. Aggregate: A+	20.00
Apr-2004			
S&P 500 Index	50.00	Jul-2017	
	40.00	Russell 1000 Value Index	15.50
Blmbg. U.S. Aggregate Index Russell 2000 Value Index	10.00	Bloomberg Intermediate US Govt/Credit Idx	16.00
Russell 2000 Value Index	10.00	S&P MidCap 400 Index	10.00
Jan-2007		Russell 2500 Index	10.00
S&P 500 Index	50.00	Russell 1000 Growth Index	15.50
Bloomberg Intermediate US Govt/Credit Idx	24.00	MSCI EAFE Index	9.00
Russell 2000 Value Index	10.00	Blmbg. U.S. Aggregate: A+	16.00
Barclays Aggregate A+	16.00	NCREIF Fund Index-Open End Diversified Core (EW)	8.00
Barciays Aggregate A+	16.00		
Jan-2008			
S&P 500 Index	40.00		
Bloomberg Intermediate US Govt/Credit Idx	24.00		
S&P MidCap 400 Index	10.00		
Barclays Aggregate A+	16.00		
Russell 2000 Value Index	10.00		
Apr-2008			
Russell 1000 Value Index	20.00		
Bloomberg Intermediate US Govt/Credit Idx	25.00		
S&P MidCap 400 Index	10.00		
Barclays Aggregate A+	15.00		
Russell 2000 Value Index	10.00		
Russell 1000 Growth Index	20.00		
Russell 1000 Glowiii ilidex	20.00		
Apr-2009			
Russell 1000 Value Index	20.00		
Bloomberg Intermediate US Govt/Credit Idx	20.00		
S&P MidCap 400 Index	10.00		
Barclays Aggregate A+	20.00		
Russell 2000 Value Index	10.00		
Russell 1000 Growth Index	20.00		

Total Equity Historical Hybrid Composition		Total Fixed Income Historical Hybrid Compo	osition
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Jan-1998		Jan-1998	
S&P 500 Index	100.00	ICE BofAML Govt/ Corp Master	100.00
Jan-2000		Jan-2000	
S&P 500 Index	83.30	Blmbg. U.S. Aggregate Index	100.00
MSCI EAFE Index	16.70	Jan-2007	
Apr-2004		Bloomberg Intermediate US Govt/Credit Idx	60.00
S&P 500 Index	83.30	Blmbg. U.S. Corporate A+ Index	40.00
Russell 2000 Value Index	16.70	Apr-2008	
Jan-2008		Bloomberg Intermediate US Govt/Credit Idx	62.50
S&P 500 Index	66.60	Blmbg. U.S. Corporate A+ Index	37.50
Russell 2000 Value Index	16.70		
S&P MidCap 400 Index	16.70	Apr-2009	
·		Bloomberg Intermediate US Govt/Credit Idx	50.00
Apr-2008		Blmbg. U.S. Aggregate: A+	50.00
Russell 1000 Growth Index	33.30		
Russell 2000 Value Index	16.70		
S&P MidCap 400 Index	16.70		
Russell 1000 Value Index	33.30		
Jul-2010			
Russell 1000 Growth Index	25.83		
Russell 2500 Index	16.67		
S&P MidCap 400 Index	16.67		
Russell 1000 Value Index	25.83		
MSCI EAFE Index	15.00		

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Crawford Managed Income	0.50	12,159,843	60,799	0.50 % of Assets
Ceredex Equity	0.55		163,793	0.75 % of First \$10 M 0.45 % of Next \$40 M 0.25 % Thereafter
Rhumbline S&P 500	0.04	12,180,210	4,872	0.04 % of Assets
Rhumbline R1000G	0.04		4,936	0.04 % of Assets
Defiance 5G Next Gen Connectivity ETF (FIVG)	0.30		4,695	0.30 % of Assets
Polen Capital	0.60		62,241	0.60 % of Assets
Ark Disruptive Technology ETF (ARKK)	0.75		55,478	0.75 % of Assets
Ark Autonomous Technology & Robotics ETF (ARKQ)	0.75		12,335	0.75 % of Assets
First Trust Cloud Computing ETF (SKYY)	0.60		11,503	0.60 % of Assets
Rhumbline S&P 400	0.04	23,224,425	9,290	0.04 % of Assets
Vanguard R2000 (VRTIX)	0.08		10,298	0.08 % of Assets
MassMutual Small Cap Opp (MSOOX)	0.65	11,982,936	77,889	0.65 % of Assets
JPM International Equity	0.75		57,006	0.75 % of Assets
Vanguard Emerging Mar Adm (VEMAX)	0.14	3,148,161	4,407	0.14 % of Assets
iShares MSCI EM ex China ETF (EMXC) Vanguard Emerging Mar (VEMIX)	0.25	2,953,433	7,384	0.25 % of Assets
Total Equity Composite	0.34	-	493,069	
GHA EXCL A+ Fixed Income	0.25		65,167	0.25 % of Assets
GHA A+ Fixed Income	0.25		95,183	0.25 % of Assets
Total Fixed Income Composite	0.25		160,350	0.20 // 01 A33013
Total Tixed modific Composito	0.20		100,000	
Barings Real Estate	1.10		83,648	1.10 % of Assets
ASB Real Estate	1.18		83,460	1.25 % of First \$5 M 1.00 % of Next \$10 M 0.90 % of Next \$60 M 0.75 % Thereafter
Total Real Estate	1.14		167,108	
R&D Cash			-	
Total Fund Composite	0.36		881,326	

Fee information on this page is an illustrative estimate of management fees based on current reported portfolio values. Fee estimates do not reflect actual calculation methodologies or applicable carried interest.

4th Quarter 2024 Market Environment

The Economy

- The US Federal Reserve (the Fed) continued to loosen its policy stance during the quarter with two fed funds rate cuts totaling 0.50%, bringing the year-end rate to a range of 4.25%-4.50%. While the Fed conveyed a degree of confidence that the fight against inflation is progressing in its December press release, Fed Chairman Jerome Powell signaled in his post-meeting press conference that the pace and timing of future rate cuts is unclear. The Fed's December "Dot Plot" now projects only two quarter-point rate cuts in 2025, down from four anticipated cuts in September's plot.
- Growth in the US labor market continued during the fourth quarter. US payrolls grew by 256,000 in December, up from the previous month's total of 212,000, and well above the 155,000 projected. If strength in the labor market continues, this data could support a slower pace Fed action in the form of policy rate reductions in 2025.

Equity (Domestic and International)

- US equity results were modestly higher for the quarter. Markets also saw a return to the narrowly focused technology and communication services company exuberance which has dominated domestic performance in recent years. The S&P 500 Index rose 2.4% for the quarter with the small-cap Russell 2000 Index managing just a 0.3% rise. The rotation away from large cap growth stocks during the third quarter seemed to reverse as the Russell 1000 Growth Index once again outpaced the Russell 1000 Value Index by a large margin.
- Large-cap equity benchmarks continue to represent a heavy concentration among a limited number of stocks. As of quarter end, the weight of the top 10 stocks in the S&P 500 Index exceeded 35%.
- Most international stocks faltered during the fourth quarter and US Dollar (USD) denominated results were further exacerbated by a strengthening USD. The USD performance of international stocks fell short of local currency (LCL) returns in most regions for the quarter, albeit to varying degrees.

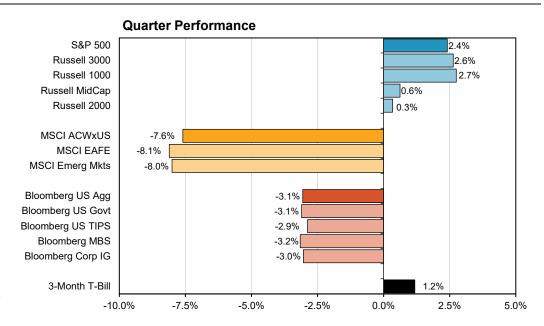
Fixed Income

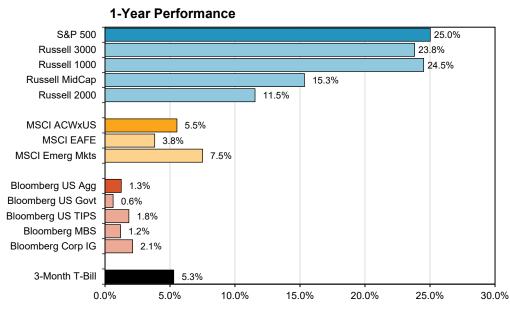
- Fixed-income markets traded lower during the quarter on the back of the Fed's ongoing policy actions. Short term Treasury yields fell while longer term yields rose, leading to a slight steepening in the yield curve. The yield on the bellwether 10-year Treasury advanced by 0.84% during the quarter, closing the year at a yield of 4.58%. The inverse relationship between prices and yields resulted in the Bloomberg US Aggregate Bond Index posting a -3.1% loss for the quarter.
- High-yield bonds outpaced the Bloomberg US Aggregate Bond Index for the quarter, largely due to higher coupons, a shorter duration profile, and a small narrowing of the option-adjusted spread (OAS) for the Bloomberg US High-Yield Index.
- Global bonds fell during the quarter, with the Bloomberg Global Aggregate ex-US returning -6.8% in USD terms. Like international equity results, global bond performance was dragged down by a strengthening USD during the quarter.

Market Themes

- Strength in the US Dollar during the quarter led to relative weakness in international markets. Many of the major currencies depreciated relative to the US Dollar as the year came to a close. Latin America saw the most significant decline during the period while the Pacific region was the only region to post positive LCL returns.
- The AI trade that has taken shape for much of the past two years continued in 2024 with the communication services and information technology sectors each posting gains of more than 35% for the year. This phenomenon contributed to narrow market leadership particularly within the large-cap segment of the market. The concentration in the large-cap indexes helped the S&P 500 post its second straight year of greater than a 20% return, further widening the performance gap between large and smaller capitalization benchmarks.
- Ongoing military conflicts in Ukraine and the Middle East, coupled with global economic uncertainty, continue to act as headwinds for international market results, further complicated by an advancing USD.
- The results of the most recent US presidential election appeared to please domestic equity markets in anticipation of the new administration supporting loosened regulations and pro-growth policies. As we move into the new year, equity markets will need to digest the anticipated effects of proposed tax legislation changes, a new view on foreign policy, and potential trade tariffs by the new administration.

- Domestic equity markets continued to climb higher during the quarter. Large-cap stocks returned to the forefront, outpacing small-cap stocks. The S&P 500 rose 2.4% during the quarter versus a muted gain of 0.3% for the Russell 2000 Index. The broad capitalization Russell 3000 Index, which benefited from strength in mid- and large-cap names, returned 2.6% for the quarter.
- International developed market equities reversed course and soured during the fourth quarter with the USD performance of the broad benchmarks each trading lower than (LCL) currency performance. The broad MSCI ACWI ex US Index delivered a disappointing -7.6% for the quarter but was down less than both the MSCI EAFE and MSCI EM indexes. The broad index was aided by Canada, which is not included in the EAFE or EM indexes. International developed market (DM) equities narrowly fell behind emerging market (EM) equities, returning -8.1% and -8.0%, respectively for the quarter. Negative performance for the international indexes was broad-based and not localized to any specific region.
- Broad market fixed-income benchmarks displayed a poor finish to the year as many of the core indexes succumbed to a steepening of the yield curve and the prospect of fewer rate cuts in 2025. The Bloomberg US Aggregate Index returned -3.1% for the quarter. The TIPS market, which is not part of the Aggregate Index, was also negative, posting a return of -2.9% for the quarter. While the performance differentials were small, the Mortgage-Backed Securities Index lagged other domestic bond market segments with a benchmark return of -3.2% for the quarter.
- Domestic equity indexes finished the year by adding to their already strong returns over the trailing one-year period. The S&P 500 Index gained 25.0% for the year and the Russell 1000 Index returned 24.5%. The weakest performing capitalization range of domestic equities for the year was the small-cap Russell 2000 Index, which still managed a double-digit climb over the last 12 months, returning a solid 11.5%.
- Domestic bond indexes' results were mixed throughout the year but still managed to deliver positive annual results. While the performance spread was narrow, investment-grade corporate bonds led bond index results for the year, returning a muted 2.1%. The government bond index lagged for the year, but was also positive, posting a return of 0.6%.
- International equity markets also delivered positive results for the trailing oneyear period. The MSCI EM Index was the best international performer, returning 7.5%, while the MSCI EAFE and MSCI ACWI ex US indexes posted returns of 3.8% and 5.5%, respectively.

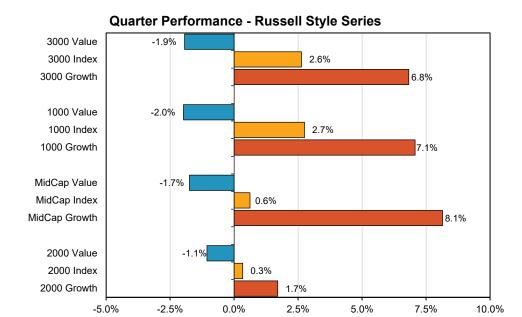


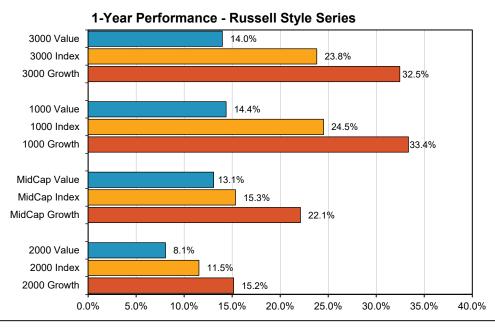


Source: Investment Metrics

- Domestic equity benchmarks exhibited a return to their long-run trend of growth style companies vastly outperforming value during the fourth quarter. This theme was relatively consistent across the capitalization spectrum with growth benchmarks dominating performance results while value benchmarks each posted negative returns for the quarter.
- The broadest disparity between growth and value was visible in the mid-cap index. The Russell Mid Cap Value Index return of -1.7% trailed the Russell Mid Cap Growth Index return of 8.1%, a performance span of nearly 10%. The Russell Mid Cap Growth Index was also the best performing segment of the equity market during the quarter. Conversely, the worst performing segment of the market was large cap value which returned a disappointing -2.0% during the fourth quarter.

- This quarter's ascension of the growth indexes widened their performance gaps relative to the value indexes for the trailing year. The Russell 1000 Growth Index amassed a staggering 33.4% for the year, leading the way among style and market capitalization index performance. Much of the year's strong performance has been attributable to the emergence of the "Magnificent 7" stocks (Alphabet, Amazon, Apple, Meta, Microsoft, Nvidia, and Tesla) which have dominated the large-cap core and growth indexes and the headlines over the past several years. The 10 largest stocks in the Russell 1000 Index have contributed more than 50% of the index's total performance over the trailing 12-month period. The weakest performing index for the year was the Russell 2000 Value Index, which still climbed 8.1%.
- The strength of growth sectors is also evident in the trailing one-year period with the chart on the right showing growth benchmarks at all capitalization ranges outpacing their value counterparts. The performance gap between the Russell 1000 Growth Index and the Russell 1000 Value Index was nearly 20% and the gaps for mid- and small-cap indexes were narrower, but still wide.

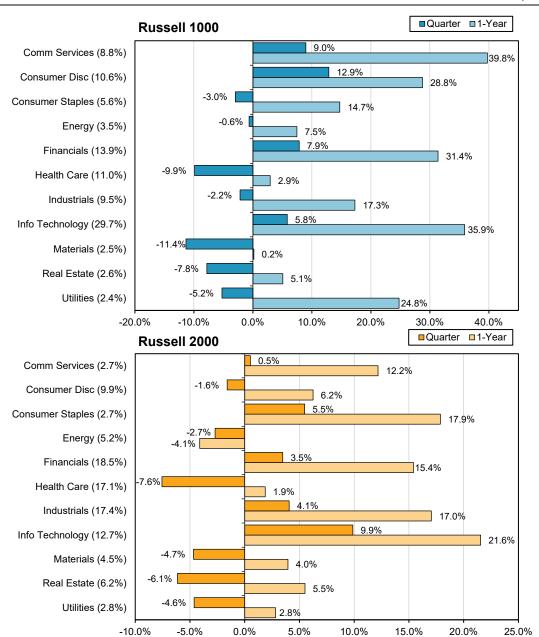




Source: Investment Metrics

As of December 31, 2024

- Economic sector performance delivered mixed results in the fourth quarter as just four of the 11 economic sectors moved higher in the large-cap index. While performance during the year could be characterized by broader participation in the domestic equity markets, this was not the case during the fourth quarter as only the communication services, consumer discretionary, financials, and information technology sectors managed to post positive returns. Within the large cap index, consumer discretionary stocks led the way, collectively returning 12.9% for the quarter while the materials sector struggled, falling -11.4% during the period.
- Full year results during 2024 showcased strong performance across the economic sector classifications. Communication services narrowly outpaced information technology for the year, posting returns of 39.8% and 35.9%, respectively, with financials coming in third with a return of 31.4%. While all sectors posted positive returns for the year, the broad index's strong performance during 2024 was largely driven by three of the five most heavily weighted index sectors.
- Similar to the large cap benchmark, just five of the 11 small-cap economic sectors gained value during the quarter. Communication services, consumer staples, financials, industrials, and information technology led the way with information technology as the best performing sector during the quarter. Health care faltered as the worst-performing sector with a return of -7.6% during the quarter, followed closely by real estate, which finished the quarter with a return of -6.1%.
- Despite their struggles during the most recent quarter, small-cap stocks delivered strong results for the year. Ten small-cap sectors advanced higher during the trailing one-year period, making energy the lone negative performer over the period. The sector's -2.7% return during the fourth quarter pushed the sector's performance to -4.1% for the trailing year. Information technology (up 21.6%) was the only sector to cross the 20% return threshold, but four others also amassed double digit positive returns for the calendar year.



Source: Morningstar Direct

As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.

The Market Environment Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000

As of December 31, 2024

Top 10 Weighted Stocks								
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector				
Apple Inc	6.6%	7.6%	30.7%	Information Technology				
NVIDIA Corp	5.8%	10.6%	171.2%	Information Technology				
Microsoft Corp	5.8%	-1.8%	12.9%	Information Technology				
Amazon.com Inc	3.8%	17.7%	44.4%	Consumer Discretionary				
Meta Platforms Inc Class A	2.4%	2.4%	66.0%	Communication Services				
Tesla Inc	2.1%	54.4%	62.5%	Consumer Discretionary				
Alphabet Inc Class A	2.1%	14.3%	36.0%	Communication Services				
Broadcom Inc	2.0%	34.7%	110.4%	Information Technology				
Alphabet Inc Class C	1.7%	14.0%	35.6%	Communication Services				
Berkshire Hathaway Inc Class B	1.5%	-1.5%	27.1%	Financials				

Top 10 Weighted Stocks								
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector				
FTAI Aviation Ltd	0.5%	8.6%	214.7%	Industrials				
Sprouts Farmers Market Inc	0.5%	15.1%	164.1%	Consumer Staples				
Insmed Inc	0.4%	-5.4%	122.8%	Health Care				
Vaxcyte Inc Ordinary Shares	0.4%	-28.4%	30.4%	Health Care				
Credo Technology Group Holding Ltd	0.4%	118.2%	245.2%	Information Technology				
Applied Industrial Technologies Inc	0.3%	7.5%	39.7%	Industrials				
Mueller Industries Inc	0.3%	7.4%	70.5%	Industrials				
Rocket Lab USA Inc	0.3%	161.8%	360.6%	Industrials				
Fluor Corp	0.3%	3.4%	25.9%	Industrials				
IonQ Inc Class A	0.3%	377.9%	237.1%	Information Technology				

Top 10 Performing Stocks (by Quarter)								
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector				
Astera Labs Inc	0.0%	152.8%	N/A	Information Technology				
AppLovin Corp Ordinary Shares	0.2%	148.1%	712.6%	Information Technology				
Trump Media & Technology Group	0.0%	112.2%	N/A	Communication Services				
Palantir Technologies Inc Ordinary	0.3%	103.3%	340.5%	Information Technology				
SoFi Technologies Inc Ordinary Shares	0.0%	95.9%	54.8%	Financials				
Amer Sports Inc	0.0%	75.3%	N/A	Consumer Discretionary				
MicroStrategy Inc	0.1%	71.8%	358.5%	Information Technology				
United Airlines Holdings Inc	0.1%	70.2%	135.3%	Industrials				
New Fortress Energy Inc	0.0%	66.3%	-59.3%	Utilities				
Twilio Inc Class A	0.0%	65.7%	42.5%	Information Technology				

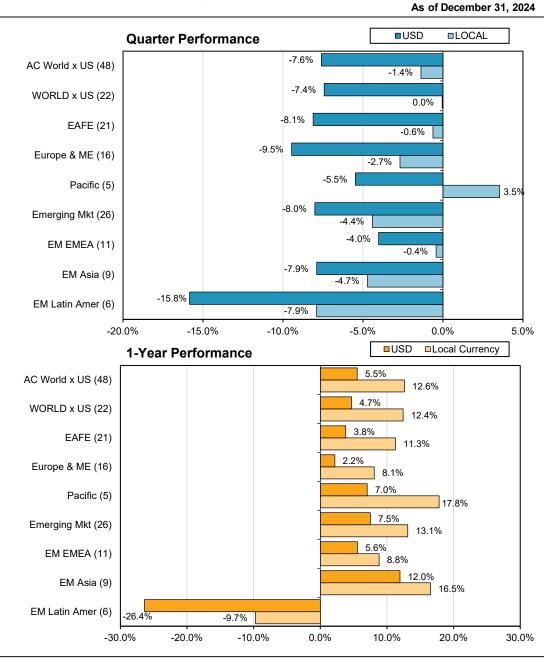
Top 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Rigetti Computing Inc	0.1%	1848.7%	1449.4%	Information Technology	
D-Wave Quantum Inc.	0.0%	754.6%	854.4%	Information Technology	
Scholar Rock Holding Corp	0.1%	439.6%	129.9%	Health Care	
IonQ Inc Class A	0.3%	377.9%	237.1%	Information Technology	
SoundHound Al Inc Ordinary Shares	0.2%	325.8%	835.8%	Information Technology	
Kodiak Sciences Inc	0.0%	281.2%	227.3%	Health Care	
The RealReal Inc	0.0%	248.1%	443.8%	Consumer Discretionary	
SES AI Corp	0.0%	242.3%	19.7%	Industrials	
Poseida Therapeutics Inc Ordinary	0.0%	235.7%	185.7%	Health Care	
Archer Aviation Inc Class A	0.1%	221.8%	58.8%	Industrials	

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Capri Holdings Ltd	0.0%	-50.4%	-58.1%	Consumer Discretionary
Celanese Corp Class A	0.0%	-48.8%	-54.6%	Materials
Rocket Companies Inc Ordinary	0.0%	-41.3%	-22.2%	Financials
Enphase Energy Inc	0.0%	-39.2%	-48.0%	Information Technology
Moderna Inc	0.0%	-37.8%	-58.2%	Health Care
Acadia Healthcare Co Inc	0.0%	-37.5%	-49.0%	Health Care
Viking Therapeutics Inc	0.0%	-36.4%	116.2%	Health Care
10x Genomics Inc Ordinary	0.0%	-36.4%	-74.3%	Health Care
Monolithic Power Systems Inc	0.1%	-35.9%	-5.6%	Information Technology
The AES Corp	0.0%	-35.1%	-30.3%	Utilities

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Q32 Bio Inc	0.0%	-92.3%	0.0%	Health Care
Cassava Sciences Inc	0.0%	-92.0%	-89.5%	Health Care
Applied Therapeutics Inc	0.0%	-89.9%	-74.4%	Health Care
Perspective Therapeutics Inc	0.0%	-76.1%	-20.6%	Health Care
Keros Therapeutics Inc	0.0%	-72.7%	-60.2%	Health Care
Bioage Labs Inc	0.0%	-72.2%	N/A	Health Care
Inovio Pharmaceuticals Inc	0.0%	-68.3%	-70.1%	Health Care
PACS Group Inc	0.0%	-67.2%	N/A	Health Care
Shattuck Labs Inc Ordinary Shares	0.0%	-65.3%	-83.0%	Health Care
Sunnova Energy International Inc	0.0%	-64.8%	-77.5%	Utilities

Source: Morningstar Direct

- Results in USD terms among the headline international equity indexes were sharply lower during the quarter. The strengthening USD relative to many major currencies during the quarter was a substantial headwind for the USD performance of non-US regional benchmarks' returns. The developed-market MSCI EAFE Index returned a muted -0.6% in LCL terms but fell -8.1% in USD terms. The MSCI ACWI ex-US Index pulled back -7.6% in USD and -1.4% in LCL terms for the quarter.
- Latin America continued to lag other regions during the quarter in USD terms, posting an outsized loss of -15.8%. Weakening currencies in the region put added pressure on realized performance for US investors. The MSCI Pacific benchmark was the only regional benchmark to deliver positive performance in LCL terms with a return of 3.5%, but USD strength led to a -5.5% decline in USD terms for the quarter. Regional LCL currency performance was disparate for the quarter, with some regional indexes remaining relatively flat over the final three months of the year.
- Full year results by country show Taiwan and Malaysia as the biggest winners during the year in USD terms. These two countries advanced 34.4% and 20.8%, respectively. China was not far behind with the largest economy in the emerging market world climbing 19.4% in USD terms for the year despite declining 7.7% during the fourth quarter. Much of the broad-based MSCI Emerging Market Index's returns are attributable to the health of the dominant Chinese economy, which came under pressure during the year due to troubles in the manufacturing and commercial property sectors.
- Much like domestic markets, trailing one-year results for international developed and emerging markets benchmarks were strongly positive. Higher LCL versus USD returns for most international benchmarks demonstrate the USD's relative strength over the trailing one-year period, which represents a drag on results for US investors.
- Most broad and regional indexes were positive for the trailing 12 months in both USD and LCL terms. The exception to these positive results is the EM Latin America index, where negative LCL performance was exacerbated by the region's currency weakness, which led to a more severe 26.4% return in USD terms. The MSCI Pacific Index led the way with a return of 17.8% in LCL terms for the trailing year, but US investor returns were dampened to just 7.0% in USD terms.



Source: MSCI Global Index Monitor (Returns are Net)

As of	December	31.	2024

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.8%	-4.7%	11.2%
Consumer Discretionary	11.3%	-4.3%	1.4%
Consumer Staples	8.3%	-12.6%	-7.9%
Energy	3.5%	-8.3%	-10.5%
Financials	21.9%	-2.3%	20.9%
Health Care	12.4%	-14.1%	-1.5%
Industrials	17.8%	-6.4%	9.6%
Information Technology	8.8%	-7.2%	3.8%
Materials	6.1%	-17.8%	-12.9%
Real Estate	2.0%	-13.4%	-3.9%
Utilities	3.2%	-12.8%	-4.1%
Total	100.0%	-8.1%	3.8%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.9%	-6.8%	12.4%
Consumer Discretionary	11.2%	-8.1%	4.6%
Consumer Staples	7.0%	-12.4%	-7.8%
Energy	5.0%	-7.9%	-3.5%
Financials	23.7%	-2.8%	17.5%
Health Care	8.8%	-13.9%	-1.4%
Industrials	14.0%	-7.1%	7.5%
Information Technology	13.5%	-1.8%	13.3%
Materials	6.3%	-17.2%	-12.6%
Real Estate	1.8%	-11.5%	-1.7%
Utilities	3.0%	-12.8%	-2.0%
Total	100.0%	-7.6%	5.5%

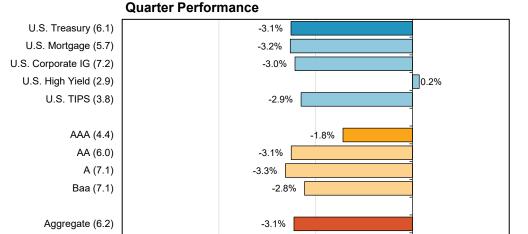
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	9.4%	-8.1%	15.9%
Consumer Discretionary	13.1%	-14.5%	11.8%
Consumer Staples	4.8%	-13.9%	-11.1%
Energy	4.6%	-14.5%	-5.9%
Financials	23.7%	-5.0%	11.0%
Health Care	3.5%	-11.7%	-0.9%
Industrials	6.6%	-10.9%	0.6%
Information Technology	24.3%	1.1%	20.4%
Materials	5.7%	-18.6%	-19.6%
Real Estate	1.7%	-6.5%	3.8%
Utilities	2.7%	-14.1%	3.3%
Total	100.0%	-8.0%	7.5%

Country	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	23.2%	14.5%	-3.6%	8.3%
United Kingdom	14.9%	9.3%	-6.8%	7.5%
France	11.1%	6.9%	-10.3%	-5.3%
Switzerland	9.6%	6.0%	-11.3%	-2.0%
Germany	9.2%	5.8%	-5.7%	10.2%
Australia	7.4%	4.6%	-11.4%	1.2%
Netherlands	4.6%	2.9%	-12.4%	1.4%
Sweden	3.6%	2.2%	-14.0%	-3.7%
Denmark	2.9%	1.8%	-21.5%	-12.9%
Italy	2.8%	1.7%	-6.7%	11.3%
Spain	2.8%	1.7%	-9.2%	9.8%
Hong Kong	2.0%	1.2%	-9.8%	0.1%
Singapore	1.7%	1.0%	3.2%	32.3%
Belgium	1.0%	0.6%	-8.3%	8.5%
Finland	1.0%	0.6%	-13.1%	-7.3%
Israel	1.0%	0.6%	14.1%	38.3%
Norway	0.6%	0.4%	-5.4%	-4.3%
Ireland	0.3%	0.2%	-12.6%	14.0%
New Zealand	0.2%	0.1%	-6.0%	-1.5%
Austria	0.2%	0.1%	1.1%	18.3%
Portugal	0.2%	0.1%	-22.7%	-25.2%
Total EAFE Countries	100.0%	62.3%	-8.1%	3.8%
Canada		8.1%	-1.8%	11.9%
Total Developed Countries		70.4%	-7.4%	4.7%
China		8.2%	-7.7%	19.4%
Taiwan		5.8%	3.3%	34.4%
India		5.8%	-11.3%	11.2%
Korea		2.7%	-19.2%	-23.4%
Saudi Arabia		1.2%	-1.5%	0.6%
Brazil		1.2%	-19.4%	-29.8%
South Africa		0.9%	-12.1%	6.7%
Mexico		0.5%	-10.6%	-27.1%
Malaysia		0.5%	-6.9%	20.8%
Indonesia		0.4%	-15.6%	-13.0%
Thailand		0.4%	-10.1%	1.3%
United Arab Emirates		0.4%	9.0%	19.6%
Qatar		0.3%	-0.2%	6.1%
Poland		0.2%	-11.5%	-6.7%
Kuwait		0.2%	1.2%	10.5%
Turkey		0.2%	-3.2%	17.8%
Philippines		0.2%	-13.9%	-0.7%
Greece		0.1%	-6.2%	8.9%
Chile		0.1%	-6.8%	-7.5%
Peru		0.1%	-9.1%	15.8%
Hungary		0.1%	-2.3%	14.0%
Czech Republic		0.0%	0.9%	4.0%
Colombia		0.0%	-0.2%	7.9%
Egypt		0.0%	-9.0%	-31.2%
Total Emerging Countries		29.7%	-8.0%	7.5%
Total ACWIxUS Countries		100.0%	-7.6%	5.5%

Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.

- Domestic fixed-income markets declined during the fourth quarter despite two additional 0.25% rate cuts by the Fed. Although the Fed's action moved short-term rates lower, longer-term yields advanced during the quarter, leading to a modest steepening of the Treasury Yield Curve. The Fed's target range is now set at 4.25%-4.50% at year-end, down a full percentage point, including the first 0.50% cut in September of 2024.
- While the Fed's first rate cut in September was initially celebrated by fixed income investors and boosted the levels of the indexes during the third quarter, many of the core indexes fell during the fourth quarter as longer-term yields advanced and worked against the Fed's short-term rate declines. Performance across the investment-grade index's segments declined with the Treasury, Mortgage-Backed and Corporate IG indexes falling in a tight range around -3.0%. Higher quality issues performed better, as BBB issues fell by -2.8%, while AAA issues fell a smaller -1.8% due in large part to their lower duration (4.4 vs. 7.1 years).
- High Yield bonds outperformed investment grade issues as longer-term yields climbed. This was primarily due to the high-yield benchmark's lower duration and higher coupon income. Despite their lower credit quality, below-investment grade issues returned just 0.2% for the quarter, but still outpaced all other broad-based investment-grade fixed income indexes.
- Over the trailing one-year period, the Bloomberg US Aggregate Bond Index posted a return of 1.3%. The benchmark's sub-components also posted positive performance over the trailing 12 months with the Bloomberg US Corporate Investment Grade Index rising 2.1% and the US Mortgage Index returning 1.2%. US TIPS, which are excluded from the Bloomberg US Aggregate Bond Index, returned 1.8% for the trailing year.
- Results were mixed across credit qualities of investment grade issues. The performance of AAA issues was aided by their lower duration and returned 3.1% while AA issues returned only 0.8% for the year. High yield bonds were also the best performing segment of the market for the year, returning an outsized 8.2%, more than double any other segment of the domestic fixed income market. Results in high yield were spurred by stable credit spreads and higher coupon income.
- The Bloomberg Global Aggregate ex-US Index finished both the quarter and the year significantly weaker than its domestic benchmark counterpart. Strength in the USD was a primary driver in the international index's weak -6.8% fourth quarter performance and its -4.2% return for the calendar year.



-2.1%

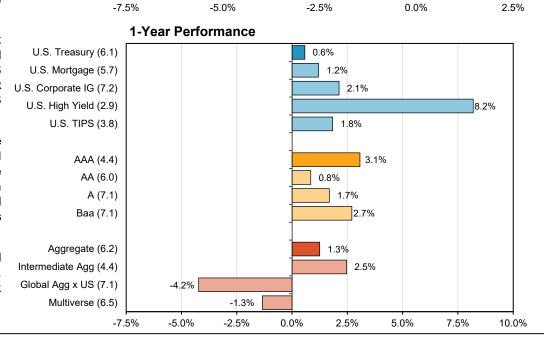
Intermediate Agg (4.4)

Global Agg x US (7.1)

Multiverse (6.5)

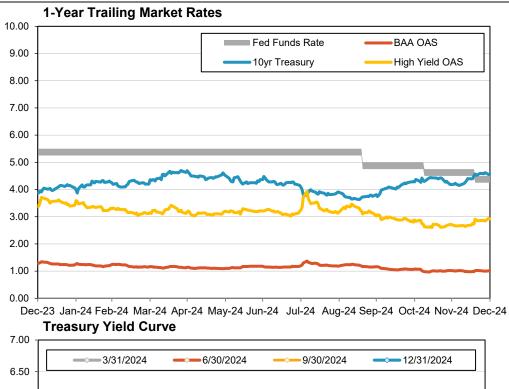
-6.8%

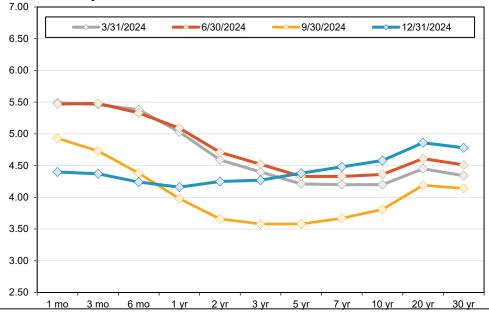
-5.0%



Source: Bloomberg

- The gray band across the graph illustrates the fed funds target rate range over the last 12 months. During the fourth quarter, the Federal Open Market Committee (FOMC) cut its policy rates by 0.50% with two successive 0.25% cuts in November and December. The target policy range now stands at 4.25-4.50%, a level not seen since January of 2023. With inflation declining and unemployment remaining largely stable, the Fed has pivoted from its restrictive monetary policy stance. The most recent FOMC press release continued to emphasize economic data-dependent outcomes while placing greater emphasis on the second part of the committee's dual mandate: full employment. The CME FedWatch tool, which forecasts rates based on fed fund futures pricing, showed a greater than 90% probability of no rate decrease at the FOMC January meeting at the time of this writing. Fed officials and market participants continue to express concern that leaving rates at their current elevated levels for an extended period could tip the US economy into a recession.
- The yield on the US 10-year Treasury (blue line of the top chart) rose 0.84% during the quarter. The bellwether benchmark rate opened the quarter at a yield of 3.74% and finished December at a yield of 4.58%, which is its highest level since May 2024.
- The red line in the top chart shows the option-adjusted spread (OAS) for BAA-rated corporate bonds. This measure quantifies the additional yield premium investors require to purchase and hold non-US Treasury issues with the lowest investment grade rating. During the quarter, the yield spread experienced a slight decline, beginning October at 1.13% and finishing December at 1.02%. High-yield OAS spreads (represented by the yellow line in the top chart) also remained relatively stable, despite a sharp spike in early August spurred by an unwinding of the yen carry trade. The high-yield OAS fell by 0.11% over the quarter from 3.03% to 2.92%. The spread measure's relative stability over the trailing year results from steady economic growth, stable monetary policy, and falling inflation readings.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. For the first time since November 2022, the quarter-end yield on the 30-year Treasury was higher than the one-month Treasury. Furthermore, the spread between the two-year yield and the 10-year yield continued to widen during the quarter, growing from 0.15% in October to 0.30% at year end. The yield curve had been inverted for much of the last two years. This 2-10-year yield curve inversion is a common heuristic used to foretell a pending recession.





Source: US Department of Treasury, FRED (Federal Reserve of St. Louis)

CME FedWatch Tool - CME Group

Effective Federal Funds Rate - FEDERAL RESERVE BANK of NEW YORK (newyorkfed.org)

ICE BofA US High Yield Index Option-Adjusted Spread (BAMLH0A0HYM2) | FRED | St. Louis Fed (stlouisfed.org)

When will the Federal Reserve start cutting interest rates? | J.P. Morgan Asset Management (jpmorgan.com)

U.S. Department of the Treasury

China's Economy Limps Into 2024 – WSJ Support Site - Global Index Lens: Index Returns – MSCI

Federal Reserve issues FOMC statement

The Fed - Meeting calendars and information (federalreserve.gov)

The Federal Reserve's latest dot plot, explained – and what it says about interest rates | Bankrate

Why Chinese banks are now vanishing (economist.com)

Fed rate cut: Here's what changed in the central bank's statement (cnbc.com)

10-Year Treasury Constant Maturity Minus 2-Year Treasury Constant Maturity (T10Y2Y) | FRED | St. Louis Fed (stlouisfed.org)

The Fed's dot plot shows only two rate cuts in 2025, fewer than previously projected

Page Intentionally Left Blank

Disclosures

•	Due to the balanced account, Total Equity, Total Fixed Income Composites, GHA LCG, and GHA EXCL A+ returns are shown as segment level returns that do not include their respective cash balances and
	returns prior to 12/31/2017.

Active Return

- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.

Alpha

- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.

Beta

- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.

Consistency

- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.

Distributed to Paid In (DPI)

- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.

Down Market Capture

- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance

Downside Risk

- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.

Excess Return

- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.

Excess Risk

- A measure of the standard deviation of a portfolio's performance relative to the risk free return.

Information Ratio

- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.

Public Market Equivalent (PME)

- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.

R-Squared

- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.

Return

- Compounded rate of return for the period.

Sharpe Ratio

- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.

Standard Deviation

- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.

Total Value to Paid In (TVPI)

- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life

Tracking Error

- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.

Treynor Ratio

- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.

Up Market Capture

- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.

Mariner Institutional compiled this report for the sole use of the client for which it was prepared. Mariner Institutional is responsible for evaluating the performance results of the Total Fund along with the investment advisors by comparing their performance with indices and other related peer universe data that is deemed appropriate. Mariner Institutional uses the results from this evaluation to make observations and recommendations to the client.

Mariner Institutional uses time-weighted calculations which are founded on standards recommended by the CFA Institute. The calculations and values shown are based on information that is received from custodians. Mariner Institutional analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides Mariner Institutional with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides Mariner Institutional with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause Mariner Institutional to believe that the information presented is significantly misstated.

This performance report is based on data obtained by the client's custodian(s), investment fund administrator, or other sources believed to be reliable. While these sources are believed to be reliable, the data providers are responsible for the accuracy and completeness of their statements. Clients are encouraged to compare the records of their custodian(s) to ensure this report fairly and accurately reflects their various asset positions.

The strategies listed may not be suitable for all investors. We believe the information provided here is reliable, but do not warrant its accuracy or completeness. Past performance is not an indication of future performance. Any information contained in this report is for informational purposes only and should not be construed to be an offer to buy or sell any securities, investment consulting, or investment management services.

Additional information included in this document may contain data provided by index databases, public economic sources, and the managers themselves.

This document may contain data provided by Bloomberg.

This document may contain data provided by Standard and Poor's. Nothing contained within any document, advertisement or presentation from S&P Indices constitutes an offer of services in jurisdictions where S&P Indices does not have the necessary licenses. All information provided by S&P Indices is impersonal and is not tailored to the needs of any person, entity or group of persons. Any returns or performance provided within any document is provided for illustrative purposes only and does not demonstrate actual performance. Past performance is not a guarantee of future investment results.

This document may contain data provided by MSCI, Inc. Copyright MSCI, 2017. Unpublished. All Rights Reserved. This information may only be used for your internal use, may not be reproduced or disseminated in any form and may not be used to create any financial instruments or products or any indices. This information is provided on an "as is" basis and the user of this information assumes the entire risk of any use it may make or permit to be made of this information. Neither MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information makes any express or implied warranties or representations with respect to such information or the results to be obtained by the use thereof, and MSCI, its affiliates and each such other person hereby expressly disclaim all warranties (including, without limitation, all warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information have any liability for any direct, indirect, special, incidental, punitive, consequential or any other damages (including, without limitation, lost profits) even if notified of, or if it might otherwise have anticipated, the possibility of such damages.

This document may contain data provided by Russell Investment Group. Russell Investment Group is the source owner of the data contained or reflected in this material and all trademarks and copyrights related thereto. The material may contain confidential information and unauthorized use, disclosure, copying, dissemination or redistribution is strictly prohibited. This is a user presentation of the data. Russell Investment Group is not responsible for the formatting or configuration of this material or for any inaccuracy in presentation thereof.

This document may contain data provided by Morningstar. All rights reserved. Use of this content requires expert knowledge. It is to be used by specialist institutions only. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied, adapted or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information, except where such damages or losses cannot be limited or excluded by law in your jurisdiction. Past financial performance is not guarantee of future results.

*IMPORTANT DISCLOSURE INFORMATION RE GREENWICH QUALITY LEADER AWARD

These ratings are not indicative of Mariner Institutional's future performance. These awards or any other rankings and/or recognition by unaffiliated rating services and/or publications should not be construed as a guarantee that a client will experience a certain level of results or satisfaction if they invest with Mariner Institutional, nor should it be construed as a current or past endorsement by any of our clients. Mariner Institutional did not pay a fee to participate in this award survey.

Methodology for this Award: For the 2022 Greenwich Quality Award for Overall U.S. Investment Consulting – Midsize Consultants – Between February and November 2022, Coalition Greenwich conducted interviews with 727 individuals from 590 of the largest tax-exempt funds in the United States. These U.S.-based institutional investors are corporate and union funds, public funds, and endowment and foundation funds, with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset management and investment consulting providers, including qualitative assessments of those firms soliciting their business and detailed information on important market trends.

MARINER

Access to a wealth of knowledge and solutions.