

Analysis of Investment Performance

Quarter Ending June 30, 2023

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Segal Marco Advisors

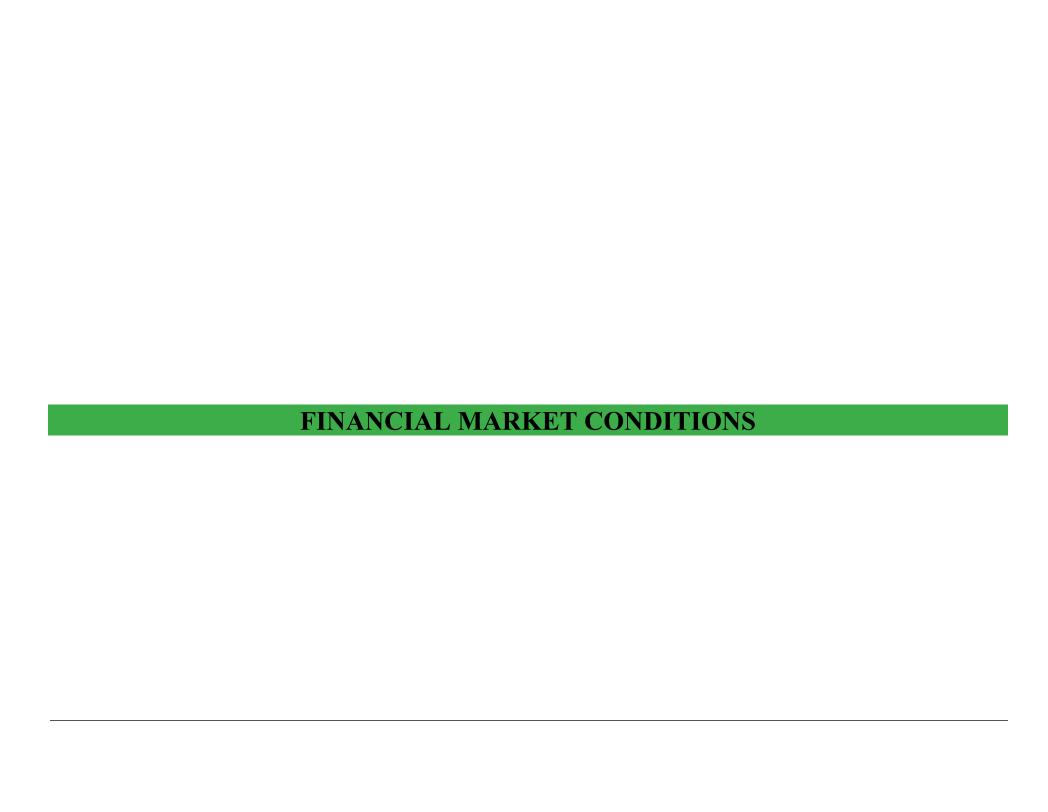
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Quarter In Review: Global Equity Overview

Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
S&P 500	8.74	16.89	19.59	14.60	12.31	12.86
MSCI Europe, Australasia and Far East (EAFE)*	2.95	11.67	18.77	8.93	4.39	5.41
MSCI Emerging Markets (EM)*	0.90	4.89	1.75	2.32	0.93	2.95

45.0

All data in the table are percentages.

Global Equity Performance and Valuations

- U.S. (+8.7%), developed international (+3.0%), and emerging
- markets equities (+0.9%) all posted positive returns in the quarter ending June 30, as investor sentiment rose.

 Signs of lower growth in China, as well as continued tensions between the U.S. and China, hindered EM performance, which delivered lower returns than developed markets.

 Japan produced the highest returns for the developed international markets as expectations of governance reforms and attrictural shifts.
- markets as expectations of governance reforms and structural shifts in the economy boosted investor sentiment. European markets were able to contribute positive returns despite late-quarter worries about the EU economy and the continuing pace of the European Central Bank's rate hikes.
- U.S. large cap and emerging market valuations remain well above their long-term median, while most other markets, including U.S. small cap and developed international, appear cheap relative to the last 20 years.

Price to Earnings

- Median O Current



Data range is from 3/31/00-6/30/23. P/E ratios are forward 12 months.



^{*} Net dividends reinvested

Quarter In Review: U.S. Equity

U.S. Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
S&P 500	8.74	16.89	19.59	14.60	12.31	12.86
Russell 1000	8.58	16.68	19.36	14.09	11.92	12.64
Russell 1000 Growth	12.81	29.02	27.11	13.73	15.14	15.74
Russell 1000 Value	4.07	5.12	11.54	14.30	8.11	9.22
Russell 2000	5.21	8.09	12.31	10.82	4.21	8.26
Russell 2000 Growth	7.05	13.55	18.53	6.10	4.22	8.83
Russell 2000 Value	3.18	2.50	6.01	15.43	3.54	7.29
Russell Midcap	4.76	9.01	14.92	12.50	8.46	10.32
Russell 3000	8.39	16.17	18.95	13.89	11.39	12.34

All data in the tables are percentages.

Performance

- U.S. equities were up +8.7% for the quarter ending June 30. The Fed raised interest rates by 25 basis points in May but did not further raise rates in June, choosing to pause while they assessed how previous interest rate increases were affecting the broader economy. Initial worries around the U.S. debt ceiling were allayed after Congress approved legislation suspending the debt ceiling in June.
- Growth continued to significantly outperform value, as positive IT gains were driven by continued enthusiasm for artificial intelligence (AI). Value underperformance reflected investor focus on sectors that benefited from stable economic growth.
- Large cap stocks outperformed small caps, as they did in the first quarter. As smaller companies are more dependent on financing, regional banks concerns and higher interest rates continued to hinder their performance.
- Information Technology (+17.2%) continued to lead the market as AI interest drove mega-cap tech stocks higher. Consumer Discretionary (+14.6%) and Telecom (+13.1%) also produced strong returns. Utilities (-2.5%) and Energy (-0.9%) were the only sectors to deliver negative returns for the quarter as oil prices weakened.

S&P 500 Sector Returns	QTD	1-Year
Cons. Disc.	14.58	24.73
Cons. Staples	0.45	6.60
Energy	-0.89	18.76
Financials	5.33	9.50
Healthcare	2.95	5.37
Industrials	6.49	25.16
IT	17.20	40.26
Materials	3.31	15.12
Telecom	13.06	17.28
Real Estate	1.81	-4.13
Utilities	-2.53	-3.68

Quarter In Review: International Equity

MSCI International Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
World ex. U.S.	3.03	11.29	17.41	9.30	4.58	5.40
EAFE	2.95	11.67	18.77	8.93	4.39	5.41
EAFE Local Currency	4.28	12.10	17.50	11.73	6.42	7.67
Europe	2.74	13.59	21.81	10.68	5.19	5.70
Europe ex U.K.	2.90	15.17	24.57	10.07	6.00	6.40
U.K.	2.19	8.43	13.19	12.57	2.83	3.88
Japan	6.42	13.00	18.14	5.70	3.13	5.23
Pacific ex Japan	-1.80	0.32	5.85	6.54	2.66	4.34

All data in the tables are percentages and net dividends reinvested.

Performance

- Developed international stocks were up +3.0% during the quarter.
 Inflation pressures, while still high, lessened in most countries, and balance sheets remained relatively strong.
- Europe posted positive returns of +2.7% during the quarter with the European Central Bank raising interest rates twice in the quarter and headline annual inflation declining from 6.1% in May to 5.5% in June. U.K. equity markets struggled following high inflation and low growth expectations.
- Japanese equities were up +6.4%, as foreign investment interest has grown over the quarter. The Nikkei 225 Index exceeded 33,700 yen in June, which was its highest level in 33 years.
- Most sectors in the developed international markets were positive in the quarter, with Industrials (+6.2%), Technology (+5.9%), and Consumer Discretionary (+5.0%) generating the highest returns. Telecommunications (-2.6%), Real Estate (-2.0%), and Materials (-1.7%) lagged. Over the 1-Year period, all sectors remain positive except for Real Estate (-7.4%).

MSCI EAFE Sector Returns	QTD	1-Year
Consumer Disc.	5.02	30.58
Cons. Staples	-0.64	9.87
Energy	0.09	14.34
Financials	4.60	20.16
Healthcare	1.99	9.75
Industrials	6.19	29.63
IT	5.85	32.66
Materials	-1.71	16.35
Telecom	-2.63	2.18
Utilities	4.04	16.49
Real Estate	-1.98	-7.37

Quarter In Review: Emerging Market Equity

MSCI EM Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
Emerging Markets	0.90	4.89	1.75	2.32	0.93	2.95
EM Local Currency	1.71	5.55	3.28	3.90	2.97	5.68
Asia	-0.77	4.00	-0.90	1.19	1.20	4.67
EMEA	2.74	1.64	1.79	0.61	-2.69	-1.48
Latin America	14.04	18.52	29.84	16.45	4.79	1.13

All data in the tables are percentages and net dividends reinvested.

Performance

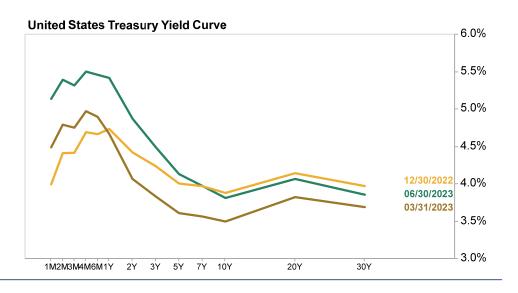
- Emerging markets were up marginally (+0.9%) over the quarter as China's underwhelming economic recovery and tensions with the U.S. contributed to the lag against developed markets.
- China suffered a poorer than expected recovery as the Shanghai Composite Index is marginally positive year-to-date. Korea and Taiwan outperformed overall as technology was strong for the quarter due to the positive sentiment behind AI.
- India rebounded and posted a strong quarter as its economic outlook has improved and is now projected to outpace China's economic growth this year. Brazil also performed well over the quarter following fiscal policy optimism—that country had its best GDP quarter-to-quarter reading (+1.9%) since the last quarter of 2020.
- Emerging market sectors were split for the quarter. Energy (+12.1%), Financials (+5.7%), and Technology (+5.1%) led sector returns. Telecom (-6.8%), Consumer Discretionary (-6.3%), and Real Estate (-4.9), on the other hand, lagged the most.

MSCI EM Sector Returns	QTD	1-Year
Cons. Disc.	-6.33	-15.27
Cons. Staples	0.28	4.44
Energy	12.14	13.47
Financials	5.68	6.36
Healthcare	-2.50	-9.55
Industrials	1.81	5.34
IT	5.05	14.10
Materials	-4.17	1.84
Telecom	-6.76	-3.59
Utilities	4.16	-6.70
Real Estate	-4.88	-17.67

Quarter In Review: Fixed Income Overview

Yield Curve

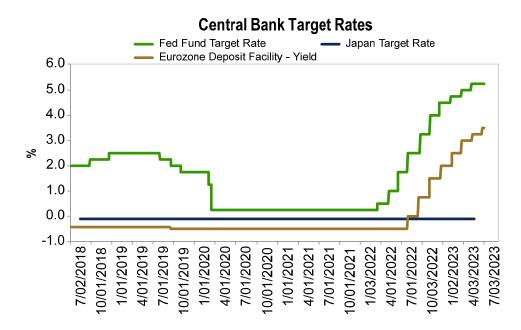
- The yield curve further inverted during the second quarter of 2023, with short-term rates rising faster than long-term rates. The Federal Reserve hiked rates by 25 basis points in May. In June, the Fed announced it would pause interest rate increases after 10 consecutive rate hikes. However, the Fed also indicated that there may be further rate increases later this year.
- Short-term yields increased the most over the quarter, with the 2-year Treasury note rising by 81 bps over the prior quarter.
- 10- and 30-year Treasury yields increased by 32 basis points and 16 basis points, ending the quarter at 3.81% and 3.85%, respectively.



Monetary Policies/Global Interest Rates

- Central bank deposit rates remained negative in Japan, while rates in Europe ended the quarter at 4.00% and rates in the United Kingdom ended the quarter at 5.00%.
- Reflecting the earlier and faster pace of rate rises, the U.S. policy rate is above those of the Eurozone, the United Kingdom and Japan, at 5.25%.

Interest Rates	Fed Funds Rate	EZ Deposit Facility Rate
Average	4.95	0.87
Max	20.00	3.75
Min	0.25	-0.50





Quarter In Review: U.S. Fixed Income

U.S. Fixed Income Indices*	QTD	YTD	1-Year	3-Year	5-Year	10-Year
U.S. Aggregate	-0.84	2.09	-0.94	-3.96	0.77	1.52
Government/Credit	-0.93	2.21	-0.70	-4.11	1.03	1.66
Government	-1.35	1.59	-2.08	-4.71	0.46	0.97
Investment Grade Credit	-0.29	3.21	1.55	-3.44	1.76	2.63
Investment Grade CMBS	-0.63	1.07	-1.86	-2.73	1.22	1.86
U.S. Corporate High Yield	1.75	5.38	9.06	3.13	3.36	4.43
FTSE** 3-Month T-Bill	1.25	2.39	3.75	1.33	1.57	0.98
Hueler Stable Value	0.55	1.87	1.87	1.96	2.13	1.97

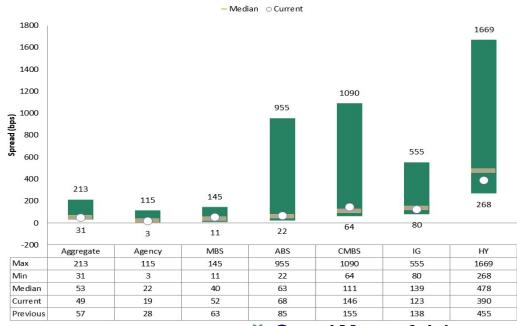
Bloomberg Indices, unless otherwise noted.

All data in the table are percentages.

Performance and Spreads

- The U.S. Aggregate Index was negative during the quarter. Sector returns were mostly negative with only the high yield sector and cash delivering positive quarterly returns.
- High Yield had the strongest performance at +1.75% for the quarter. Government bonds experienced the weakest performance in the quarter ended June 30 (-1.35%).
- For the guarter, all domestic fixed income spreads narrowed. The largest decreases were in High Yield and ABS with spreads narrowing by 65 basis points and 17 basis points, respectively.

Fixed Income Spreads



Data range is from 9/29/00-6/30/23 Page 6



^{**} Formerly Citigroup. Citigroup's fixed income indices were purchased by London Stock Exchange Group (LSEG) and were rebranded to FTSE by July 31, 2018. FTSE Russell is a unit of LSEG's Information Services Division and a wholly owned subsidiary of LSEG.

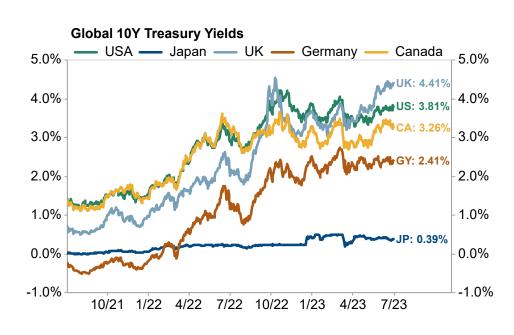
Quarter In Review: International Fixed Income

Global Fixed Income Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
Bloomberg Global Aggregate	-1.53	1.43	-1.32	-4.96	-1.09	0.20
Bloomberg Global Aggregate (Hgd)	0.06	2.96	0.52	-2.88	0.93	2.11
FTSE Non-U.S. WGBI*	-2.12	1.52	-2.63	-7.81	-3.75	-1.40
FTSE Non-U.S. WGBI (Hgd)	0.39	3.83	-0.55	-3.53	0.27	2.26
JPM EMBI Global Diversified**	2.19	4.09	7.39	-3.10	0.55	2.82
JPM GBI-EM Global Diversified***	2.51	7.79	11.38	-1.42	0.29	-0.56

All data in the table are percentages.

Global Performance and Yields

- Yields rose in most developed markets during the quarter. Both the UK and Europe were more aggressive with interest rates increases compared to the U.S. The Bank of England increased rates twice by 25 and 50 basis points, respectively. The ECB also increased rates twice during the quarter by 25 basis points each time as inflation remains a major concern in both Europe and the United Kingdom.
- Inflation was the main driving force behind the speed of rate increases by the global central banks.
- The U.S. dollar depreciated relative to the yen, British pound and euro.
- Global returns were negative for the quarter ended June 30 while emerging markets debt returns were positive and delivered the strongest performance.





^{*} Formerly Citigroup. The FTSE Non-U.S. World Government Bond Index (WGBI) measures the performance of fixed-rate, local currency, investment grade sovereign bonds excluding the U.S.

^{**} The JP Morgan Emerging Market Bond Index (EMBI) Global Diversified index measures government bonds in hard currencies.

^{***} The JP Morgan Government Bond Index – Emerging Markets (GBI-EM) Global Diversified index measures government bonds in local currencies.

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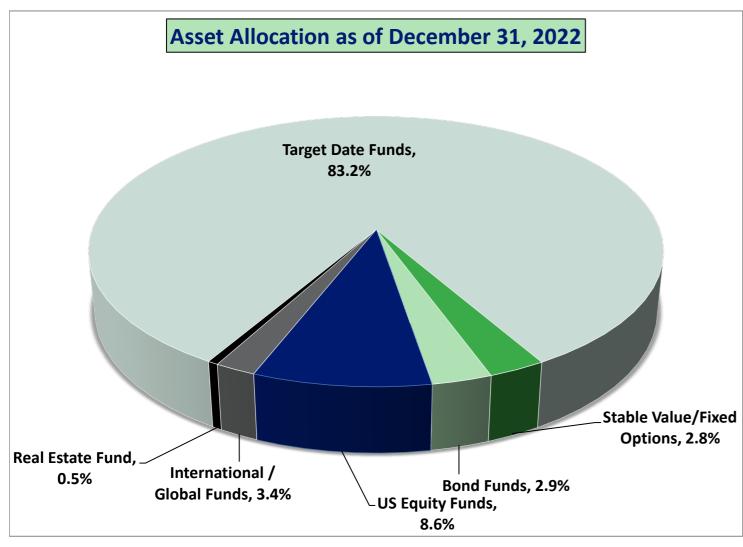
401(a) TOTAL	PLAN	

City of Memphis 401(a) Retirement Plan Plan Asset Allocation as of June 30, 2023

Fund Name	Number of Participants	Р	lan Assets	% of Total
Stable Value/Fixed Options		\$	1,411,878	2.3%
Fixed Option	290	\$	1,411,878	2.3%
MassMutual US Gov't MM Fund	-	\$	-	0.0%
Bond Funds		\$	1,592,708	2.6%
PIMCO Total Return R	383	\$	758,636	1.3%
TCW Total Return Bond Instl	283	\$	764,696	1.3%
Delaware Ivy High Income	38	\$	69,376	0.1%
US Equity Funds		\$	5,420,877	9.0%
Parnassus Cor Eq Instl	348	\$	859,666	1.4%
Vanguard Institutional Index	383	\$	1,197,340	2.0%
Edgar Lomax Value	296	\$	515,150	0.9%
Fidelity Contrafund	333	\$	882,108	1.5%
Vanguard Mid Cap Index Admiral	304	\$	622,307	1.0%
JPMorgan MidCap Value R6	271	\$	265,614	0.4%
Eaton Vance Atlanta Capital SMID	87	\$	134,402	0.2%
Neuberger Genesis Trust R6	257	\$	263,278	0.4%
Harbor Small Cap Value	262	\$	373,662	0.6%
Brown Capital Small Co Instl	267	\$	307,350	0.5%
International/Global Funds		\$	1,123,885	1.9%
AmerFunds EuroPacific Growth R6	261	\$	458,853	0.8%
MFS International Value R3	328	\$	449,044	0.7%
Invesco Global A	-	\$	-	0.0%
AmerFunds Global Insight R6	257	\$	215,988	0.4%
Real Estate Fund		\$	288,732	0.5%
Vanguard REIT Index Admiral	268	\$	288,732	0.5%
Target Date Funds		\$	50,629,498	83.7%
Vanguard Target Retirement 2020 Inv	116	\$	1,148,331	1.9%
Vanguard Target Retirement 2025 Inv	208	\$	3,148,973	5.2%
Vanguard Target Retirement 2030 Inv	325	\$	4,146,402	6.9%
Vanguard Target Retirement 2035 Inv	337	\$	3,896,805	6.4%
Vanguard Target Retirement 2040 Inv	302	\$	3,911,209	6.5%
Vanguard Target Retirement 2045 Inv	410	\$	5,613,203	9.3%
Vanguard Target Retirement 2050 Inv	559	\$	7,673,855	12.7%
Vanguard Target Retirement 2055 Inv	813	\$	10,160,964	16.8%
Vanguard Target Retirement 2060 Inv	1,400	\$	10,510,034	17.4%
Vanguard Target Retirement Inc	55	\$	419,722	0.7%
Totals		\$	60,467,578	100.0%

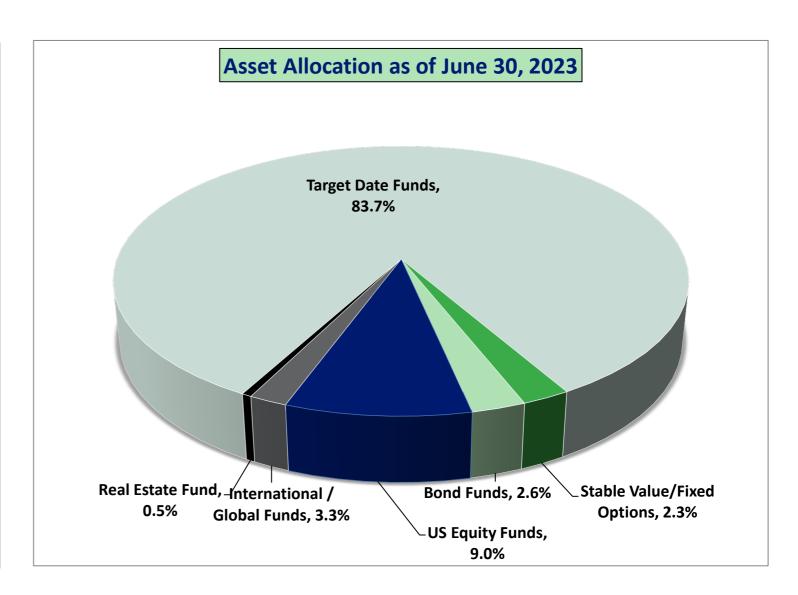
Fund Name	Beg MV	Contributions	E	xchanges	L	Distributions		Expenses	Other Activity	G	ain/Loss	En	ding MV
Stable Value/Fixed Options													
Fixed Option	\$ 1,269,181	\$ 279,989	\$	(18,200)	\$	(143,472)	\$	(347)	\$ -	\$	24,728	\$	1,411,878
MassMutual US Gov't MM Fund	\$ 726	\$ -	\$	-	\$	(736)	\$	6 (0)	\$ -	\$	10	\$	(0)
Bond Funds													, ,
PIMCO Total Return R	\$ 642,273	\$ 117,537	\$	17,212	\$	(30,451)	\$	431	\$ -	\$	11,633	\$	758,636
TCW Total Return Bond Instl	\$ 653,070	\$ 115,718	\$	12,306	\$	(30,449)	\$	421	\$ -	\$	13,631	\$	764,696
Delaware Ivy High Income	\$ 42,433	\$ 31,166	\$	(276)	\$	(6,835)	\$	5 (5)	\$ -	\$	2,893	\$	69,376
US Equity Funds													
Parnassus Cor Eq Instl	\$ 657,291	\$ 123,191	\$	(7,229)	\$	(25,922)	\$	297	\$ -	\$	112,038	\$	859,666
Vanguard Institutional Index	\$ 822,211	\$ 182,256	\$	58,541	\$	(27,342)	\$	166	\$ -	\$	161,509	\$	1,197,340
Edgar Lomax Value	\$ 433,600	\$ 83,048	\$	24,915	\$	(15,104)	\$	174	\$ -	\$	(11,483)	\$	515,150
Fidelity Contrafund	\$ 578,646	\$ 178,379	\$	(10,267)	\$	(29,233)	\$	220	\$ -	\$	164,362	\$	882,108
Vanguard Mid Cap Index Admiral	\$ 457,397	\$ 113,798	\$	17,046	\$	(12,404)	\$	140	\$ -	\$	46,330	\$	622,307
JPMorgan MidCap Value R6	\$ 194,028	\$ 54,723	\$	12,751	\$	(6,201)	\$	12	\$ -	\$	10,301	\$	265,614
Eaton Vance Atlanta Capital SMID	\$ 79,256	\$ 29,054	\$	20,794	\$	(1,033)	\$	29	\$ -	\$	6,302	\$	134,402
Neuberger Genesis Trust R6	\$ 192,999	\$ 51,406	\$	4,968	\$	(12,524)	\$	65	\$ -	\$	26,363	\$	263,278
Harbor Small Cap Value	\$ 296,933	\$ 50,984	\$	13,574	\$	(14,840)	\$	129	\$ -	\$	26,882	\$	373,662
Brown Capital Small Co Instl	\$ 232,184	\$ 54,957	\$	(13,924)	\$	(7,698)	\$	15	\$ -	\$	41,817	\$	307,350
International/Global Equity Funds													
AmerFunds EuroPacific Growth R6	\$ 388,287	\$ 69,357	\$	(35,270)	\$	(10,020)	\$	126	\$ -	\$	46,374	\$	458,853
MFS International Value R3	\$ 365,259	\$ 64,902	\$	(13,802)	\$	(13,336)	\$	196	\$ -	\$	45,826	\$	449,044
Invesco Global A	\$ 160,159	\$ 28,637	\$	(209,129)	\$	(3,254)	\$	43	\$ -	\$	23,545	\$	-
AmerFunds Global Insight R6	\$ -	\$ 6,099	\$	206,570	\$	(1,650)	\$	17	\$ -	\$	4,951	\$	215,988
Real Estate Fund													
Vanguard REIT Index Admiral	\$ 235,092	\$ 45,340	\$	9,383	\$	(10,449)	\$	21	\$ -	\$	9,345	\$	288,732
Target Date Funds													
Vanguard Target Retirement 2020 Inv	\$ 913,311	\$ 283,756	\$	(241)	\$	(115,904)	\$	(791)	\$ -	\$	68,200	\$	1,148,331
Vanguard Target Retirement 2025 Inv	\$ 2,513,467	\$ 505,139	\$	(265)	\$	(93,276)	\$	(1,756)	\$ -	\$	225,664	\$	3,148,973
Vanguard Target Retirement 2030 Inv	\$ 3,029,272	\$ 1,003,456	\$	(48,373)	\$	(150,659)	\$	(2,672)	\$ -	\$	315,379	\$	4,146,402
Vanguard Target Retirement 2035 Inv	\$ 2,943,482	\$ 769,761	\$	(6)	\$	(143,351)	\$	(3,127)	\$ -	\$	330,046	\$	3,896,805
Vanguard Target Retirement 2040 Inv	\$ 2,948,622	\$ 674,907	\$	(36)	\$	(62,308)	\$	(2,965)	\$ -	\$	352,989	\$	3,911,209
Vanguard Target Retirement 2045 Inv	\$ 4,149,821	\$ 1,052,722	\$	(1,991)	\$	(128,028)	\$	(4,155)	\$ -	\$	544,833	\$	5,613,203
Vanguard Target Retirement 2050 Inv	\$ 5,943,028	\$ 1,228,119	\$	(30,705)	\$	(246,955)	\$	(6,158)	\$ -	\$	786,526	\$	7,673,855
Vanguard Target Retirement 2055 Inv	\$ 7,849,740	\$ 1,924,035	\$	(43,645)	\$	(604,682)	\$	(9,620)	\$ -	\$	1,045,135	\$	10,160,964
Vanguard Target Retirement 2060 Inv	\$ 7,483,145	2,504,995		36,619		(541,682)	_	, ,	\$ -	\$	1,043,359	\$	10,510,034
Vanguard Target Retirement Inc	\$ 359,344	95,708		(1,321)	\$	(54,222)		· /	(341)		20,555	\$	419,722
Totals	\$ 45,834,257	\$ 11,723,139	\$	-	\$	(2,544,020)	\$	(45,839)	\$ (341)	\$	5,500,041	\$	60,467,578

Plan Asset Allocation as of June 30, 2023



Plan Assets as of December 31, 2022

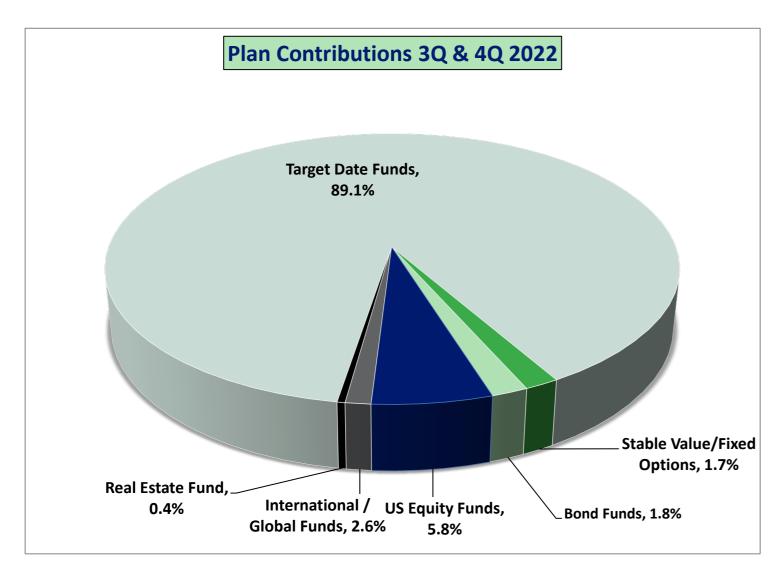
Fund Name	ı	Plan Assets	% of Total
Stable Value/Fixed Options	\$	1,269,907	2.8%
Bond Funds	\$	1,337,777	2.9%
US Equity Funds	\$	3,944,545	8.6%
International/Global Funds	\$	913,704	2.0%
Real Estate Fund	\$	235,092	0.5%
Target Date Funds	\$	38,133,233	83.2%
Totals	\$	45,834,257	100.0%

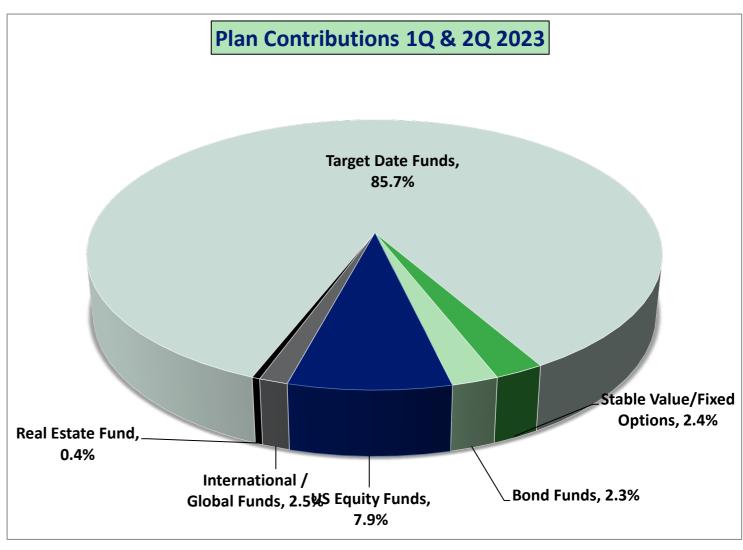


Plan Assets as of June 30, 2023

Fund Name		Plan Assets	% of Total
Stable Value/Fixed Options	\$	1,411,878	2.3%
Bond Funds	\$	1,592,708	2.6%
US Equity Funds	\$	5,420,877	9.0%
International/Global Funds	\$	1,123,885	1.9%
Real Estate Fund	\$	288,732	0.5%
Target Date Funds	\$	50,629,498	83.7%
Totals	\$	60,467,578	100.0%

Contributions as of June 30, 2023





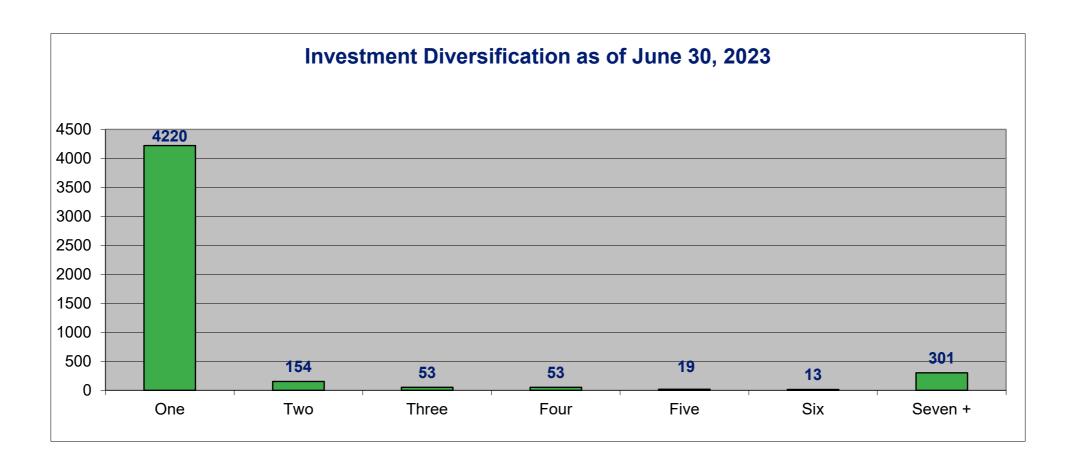
Plan Contributions 3Q & 4Q 2022

Fund Name	Plan	Contributions	% of Total
Stable Value/Fixed Options	\$	49,861	1.7%
Bond Funds	\$	53,119	1.8%
US Equity Funds	\$	173,273	5.8%
International/Global Funds	\$	36,573	1.2%
Real Estate Fund	\$	11,369	0.4%
Target Date Funds	\$	2,644,909	89.1%
Totals	\$	2,969,104	100.0%

Plan Contributions 1Q & 2Q 2023

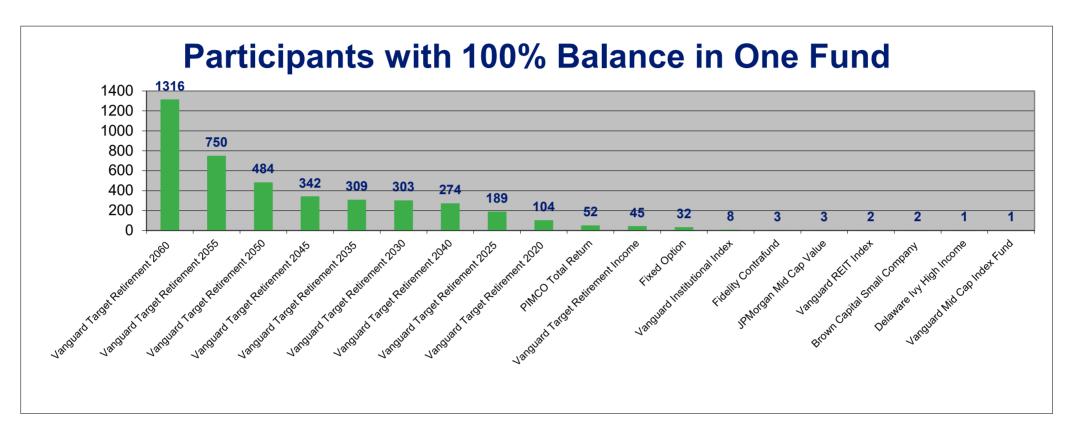
Fund Name	Pla	n Contributions	% of Total
Stable Value/Fixed Options	\$	279,989	2.4%
Bond Funds	\$	264,421	2.3%
US Equity Funds	\$	921,797	7.9%
International/Global Funds	\$	162,896	1.4%
Real Estate Fund	\$	45,340	0.4%
Target Date Funds	\$	10,042,597	85.7%
Totals	\$	11,717,040	100.0%

Investment Diversification as of June 30, 2023



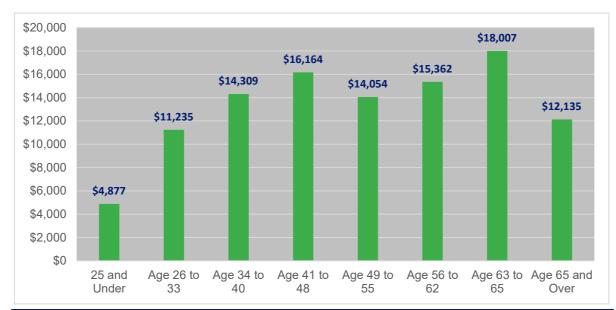
Number of Funds	No. of Participants	
One	4220	87.7%
Two	154	3.2%
Three	53	1.1%
Four	53	1.1%
Five	19	0.4%
Six	13	0.3%
Seven +	301	6.3%
Total	4813	100%

Note: Number of participants shown includes 401(a) MSCAA Plan Participants



Number of Funds	No. of Participants	% of Participants
Vanguard Target Retirement 2060	1316	31.2%
Vanguard Target Retirement 2055	750	17.8%
Vanguard Target Retirement 2050	484	11.5%
Vanguard Target Retirement 2045	342	8.1%
Vanguard Target Retirement 2035	309	7.3%
Vanguard Target Retirement 2030	303	7.2%
Vanguard Target Retirement 2040	274	6.5%
Vanguard Target Retirement 2025	189	4.5%
Vanguard Target Retirement 2020	104	2.5%
PIMCO Total Return	52	1.2%
Vanguard Target Retirement Income	45	1.1%
Fixed Option	32	0.8%
Vanguard Institutional Index	8	0.2%
Fidelity Contrafund	3	0.1%
JPMorgan Mid Cap Value	3	0.1%
Vanguard REIT Index	2	0.0%
Brown Capital Small Company	2	0.0%
Delaware Ivy High Income	1	0.0%
Vanguard Mid Cap Index Fund	1	0.0%
Total	4,220	100.0%

Average Account Balance as of June 30, 2023



Age Range	No. of Participants	Average Account Balance
25 and Under	573	\$4,877
Age 26 to 33	1483	\$11,235
Age 34 to 40	928	\$14,309
Age 41 to 48	608	\$16,164
Age 49 to 55	508	\$14,054
Age 56 to 62	442	\$15,362
Age 63 to 65	113	\$18,007
Age 65 and Over	158	\$12,135
Total	4813	\$12,563

Note: Number of participants shown does not include MSCAA Plan Participants.

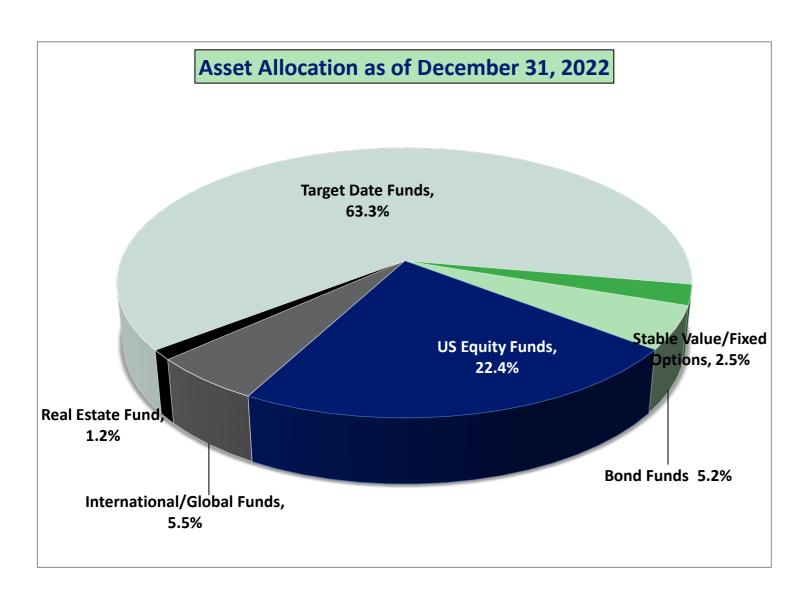
401(a) MSCAA Total Plan

City of Memphis 401(a) MSCAA Retirement Plan Plan Asset Allocation as of June 30, 2023

Fund Name	Number of Participants	PI	an Assets	% of Total
Stable Value/Fixed Options		\$	105,562	2.0%
Fixed Option	35	\$	105,562	2.0%
Bond Funds		\$	252,669	4.8%
PIMCO Total Return Instl	36	\$	121,880	2.3%
TCW Total Return Bond Instl	37	\$	125,822	2.4%
Delaware Ivy High Income	2	\$	4,968	0.1%
US Equity Funds		\$	1,208,983	22.9%
Parnassus Cor Eq Instl	45	\$	246,240	4.7%
Vanguard Institutional Index	43	\$	221,784	4.2%
Edgar Lomax Value	41	\$	116,087	2.2%
Fidelity Contrafund	45	\$	178,743	3.4%
Vanguard Mid Cap Index Admiral	41	\$	136,627	2.6%
JPMorgan MidCap Value Instl	45	\$	68,250	1.3%
Eaton Vance Atlanta Capital SMID	6	\$	12,534	0.2%
Neuberger Genesis Trust Instl	44	\$	79,431	1.5%
Harbor Small Cap Value	41	\$	91,078	1.7%
Brown Capital Small Co Instl	46	\$	58,209	1.1%
International/Global Funds		\$	272,765	5.2%
AmerFunds EuroPacific Growth R6	39	\$	94,285	1.8%
MFS International Value R5	42	\$	126,605	2.4%
AmerFunds Global Insight R6	41	\$	51,874	1.0%
Real Estate Fund		\$	57,960	1.1%
Vanguard REIT Index Admiral	40	\$	57,960	1.1%
<u>Target Date Funds</u>		\$	3,377,544	64.0%
Vanguard Target Retirement 2020 Inv	4	\$	83,514	1.6%
Vanguard Target Retirement 2025 Inv	6	\$	143,890	2.7%
Vanguard Target Retirement 2030 Inv	28	\$	194,273	3.7%
Vanguard Target Retirement 2035 Inv	36	\$	455,780	8.6%
Vanguard Target Retirement 2040 Inv	28	\$	613,110	11.6%
Vanguard Target Retirement 2045 Inv	32	\$	560,421	10.6%
Vanguard Target Retirement 2050 Inv	22	\$	663,315	12.6%
Vanguard Target Retirement 2055 Inv	24	\$	286,181	5.4%
Vanguard Target Retirement 2060 Inv	26	\$	355,669	6.7%
Vanguard Target Retirement Income Inv	1	\$	21,388	0.4%
Totals		\$	5,275,483	100.0%

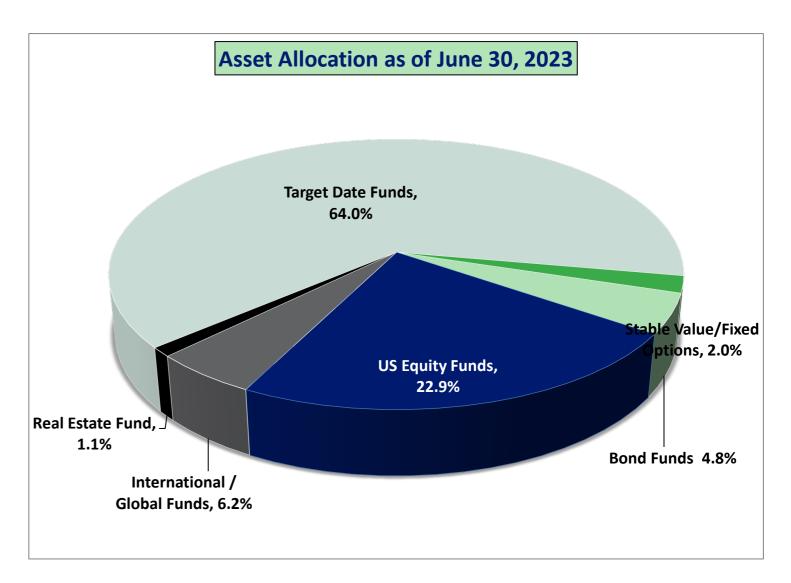
Fund Name	E	Beg MV	C	Contributions		Exchanges	L	Distributions	E	Expenses	(Other Activity	(Gain/Loss	En	ding MV
Stable Value/Fixed Options																
Fixed Option	\$	107,692	\$	5,198	\$	(8,423)	\$	(905)	\$	(20)	\$	-	\$	2,020	\$	105,562
Bond Funds																
PIMCO Total Return R	\$	109,789	\$	8,460	\$	4,487	\$	(3,100)	\$	67	\$	-	\$	2,177	\$	121,880
TCW Total Return Bond Instl	\$	113,243	\$	8,621	\$	4,426	\$	(3,095)	\$	59	\$	-	\$	2,567	\$	125,822
Delaware Ivy High Income	\$	4,294	\$	348	\$	80	\$	-	\$	1	\$	-	\$	244	\$	4,968
US Equity Funds																
Parnassus Cor Eq Instl	\$	197,094	\$	15,647	\$	7,304	\$	(6,154)	\$	78	\$	-	\$	32,272	\$	246,240
Vanguard Institutional Index	\$	173,908	\$	13,382	\$	9,699	\$	(6,180)	\$	82	\$	-	\$	30,892	\$	221,784
Edgar Lomax Value	\$	110,539		9,208	\$	2,701	\$	(3,515)		51	\$	-	\$	(2,897)		116,087
Fidelity Contrafund	\$	133,903		10,067	\$	3,689	\$	(3,909)		50	\$	-	\$	34,942		178,743
Vanguard Mid Cap Index Admiral	\$	118,502	\$	8,228	\$	2,688	\$	(3,690)	\$	54	\$	-	\$	10,845	\$	136,627
JPMorgan MidCap Value R6	\$	54,276	\$	13,286	\$	(846)	\$	(918)	\$	(4)	\$	-	\$	2,455	\$	68,250
Eaton Vance Atlanta Capital SMID	\$	9,039	\$	1,147	\$	1,812	\$	-	\$	4	\$	-	\$	531	\$	12,534
Neuberger Genesis Trust R6	\$	60,621	\$	4,526	\$	8,139	\$	(1,845)	\$	22	\$	-	\$	7,969	\$	79,431
Harbor Small Cap Value	\$	76,671	\$	6,732	\$	3,319	\$	(2,265)	\$	34	\$	-	\$	6,587	\$	91,078
Brown Capital Small Co Instl	\$	46,044	\$	5,102	\$	(192)	\$	(947)	\$	10	\$	-	\$	8,193	\$	58,209
International/Global Equity Funds		·	-	·				, ,			-			,		·
AmerFunds EuroPacific Growth R6	\$	83,467	\$	6,328	\$	(3,058)	\$	(2,682)	\$	41	\$	-	\$	10,190	\$	94,285
MFS International Value R4	\$	115,011	\$	8,093	\$	(6,931)	\$	(3,602)	\$	55	\$	-	\$	13,979	\$	126,605
Invesco Global A	\$	42,579	\$	2,249	\$	(51,015)	\$	-	\$	12	\$	-	\$	6,175	\$	-
AmerFunds Global Insight R6	\$	-	\$	1,375	\$	50,700	\$	(1,359)	\$	6	\$	-	\$	1,152	\$	51,874
Real Estate Fund								, ,								
Vanguard REIT Index Admiral	\$	51,382	\$	4,005	\$	2,513	\$	(1,787)	\$	25	\$	-	\$	1,823	\$	57,960
Target Date Funds		·	-	·	•									,		·
Vanguard Target Retirement 2020 Inv	\$	98,902	\$	6,834	\$	-	\$	(28,622)	\$	(71)	\$	-	\$	6,471	\$	83,514
Vanguard Target Retirement 2025 Inv	\$	164,061	\$	15,851	\$	34	\$	-	\$	(75)	\$	-	\$	14,401	\$	194,273
Vanguard Target Retirement 2030 Inv	\$	400,899	\$	46,273	\$	(30,072)	\$	-	\$	(436)	\$	-	\$	39,117	\$	455,780
Vanguard Target Retirement 2035 Inv	\$	511,502	\$	59,409	\$	(1,054)	\$	(10,686)	\$	(511)	\$	-	\$	54,451	\$	613,110
Vanguard Target Retirement 2040 Inv	\$	460,753	\$	46,939	\$	-	\$	-	\$	(391)	\$	-	\$	53,120	\$	560,421
Vanguard Target Retirement 2045 Inv	\$	523,233		74,303	\$	-	\$	-	\$	(427)		-	\$	66,206		663,315
Vanguard Target Retirement 2050 Inv	\$	219,734		37,563	\$	-	\$	-	\$	(298)		-	\$	29,182	\$	286,181
Vanguard Target Retirement 2055 Inv	\$	272,174	\$	49,120	\$	-	\$	(1,576)	\$	(337)	\$	-	\$	36,287	\$	355,669
Vanguard Target Retirement 2060 Inv	\$	98,905		32,885	\$	-	\$	(1,489)	-		\$	-	\$	13,861	\$	143,890
Vanguard Target Retirement Income Inv	\$	20,262		-	\$	-	\$	-	\$	(17)			\$	1,144	\$	21,388
	als \$	4,378,478	\$	501,178	\$	-	\$	(88,324)	\$	(2,206)		-	\$	486,357	\$	5,275,483

Plan Asset Allocation as of June 30, 2023





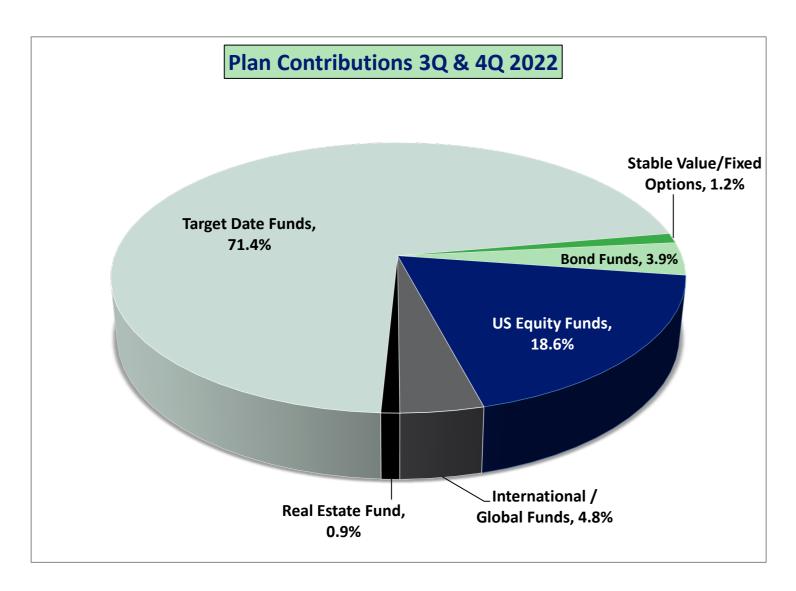
Fund Name	Plan Assets	% of Total
Stable Value/Fixed Options	\$ 107,692	2.5%
Bond Funds	\$ 227,326	5.2%
US Equity Funds	\$ 980,597	22.4%
International/Global Funds	\$ 241,057	5.5%
Real Estate Fund	\$ 51,382	1.2%
Target Date Funds	\$ 2,770,425	63.3%
Totals	\$ 4,378,478	100.0%

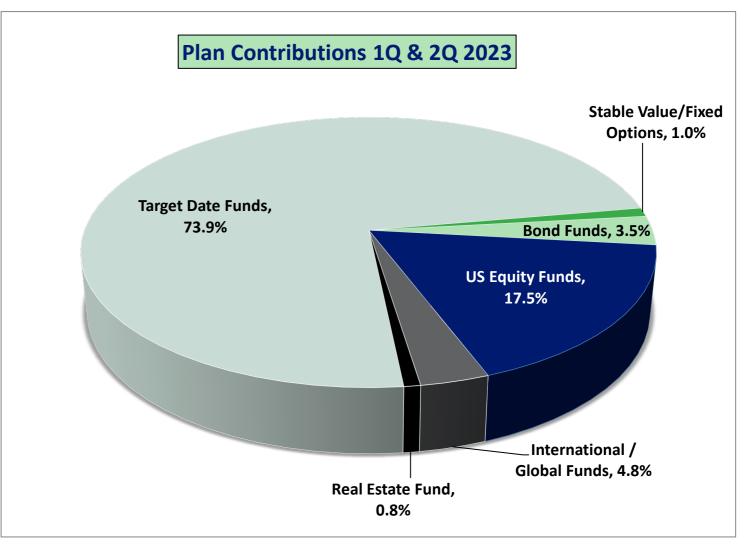


Plan Assets as of June 30, 2023

Fund Name	Plan Assets	% of Total
Stable Value/Fixed Options	\$ 105,562	2.0%
Bond Funds	\$ 252,669	4.8%
US Equity Funds	\$ 1,208,983	22.9%
International/Global Funds	\$ 272,765	5.2%
Real Estate Fund	\$ 57,960	1.1%
Target Date Funds	\$ 3,377,544	64.0%
Totals	\$ 5,275,483	100.0%

Contributions as of June 30, 2023





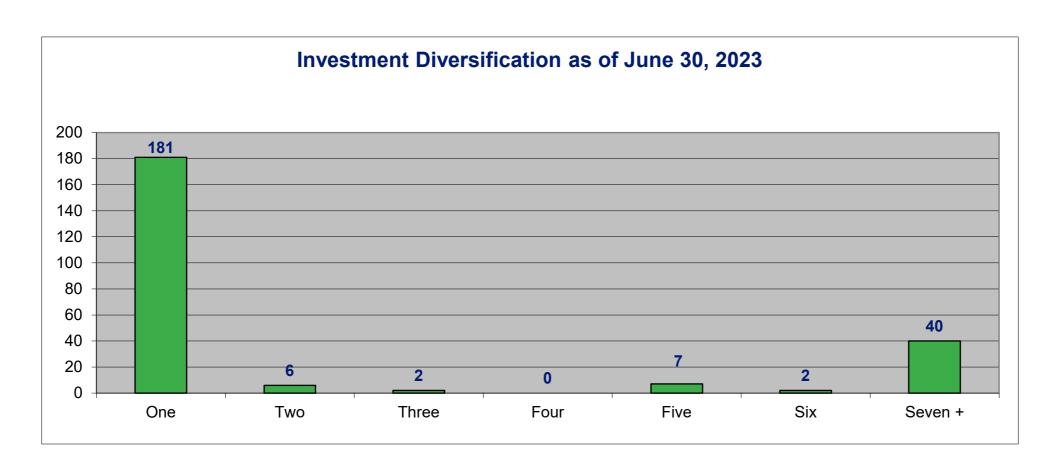
Plan Contributions 3Q & 4Q 2022

Fund Name	Plan (Contributions	% of Total
Stable Value/Fixed Options	\$	2,826	1.2%
Bond Funds	\$	9,498	3.9%
US Equity Funds	\$	44,941	18.6%
International/Global Funds	\$	9,754	4.0%
Real Estate Fund	\$	2,181	0.9%
Target Date Funds	\$	172,989	71.4%
Totals	\$	242,189	100.0%

Plan Contributions 1Q & 2Q 2023

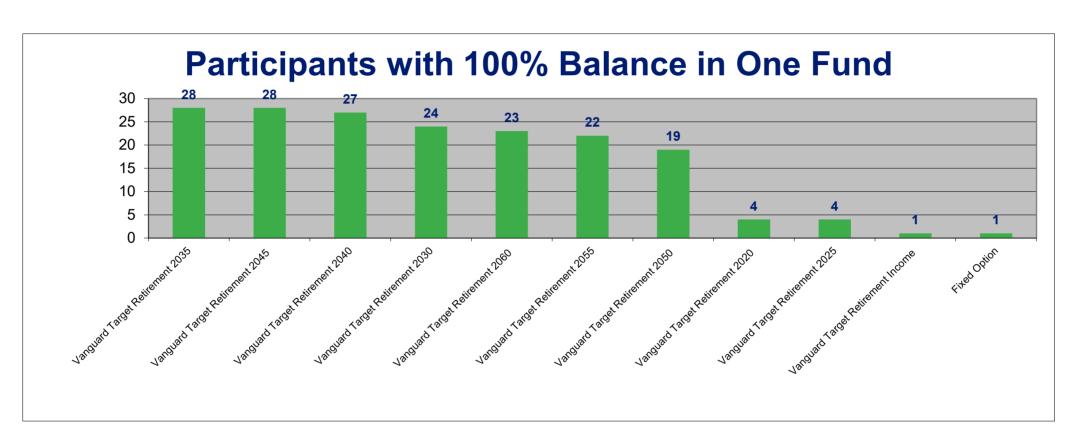
Fund Name	Plan	Contributions	% of Total
Stable Value/Fixed Options	\$	5,198	1.0%
Bond Funds	\$	17,429	3.5%
US Equity Funds	\$	87,324	17.5%
International/Global Funds	\$	16,670	3.3%
Real Estate Fund	\$	4,005	0.8%
Target Date Funds	\$	369,176	73.9%
Totals	\$	499,802	100.0%

Investment Diversification as of June 30, 2023



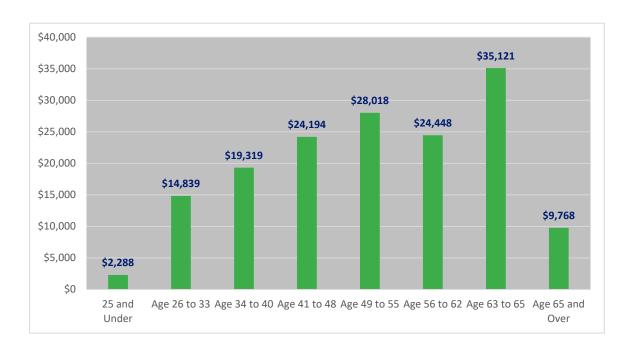
Number of Funds	No. of Participants	
One	181	76.1%
Two	6	2.5%
Three	2	0.8%
Four	0	0.0%
Five	7	2.9%
Six	2	0.8%
Seven +	40	16.8%
Total	238	100%

One Funders as of June 30, 2023



Number of Funds	No. of Participants	% of Participants
Vanguard Target Retirement 2035	28	15.5%
Vanguard Target Retirement 2045	28	15.5%
Vanguard Target Retirement 2040	27	14.9%
Vanguard Target Retirement 2030	24	13.3%
Vanguard Target Retirement 2060	23	12.7%
Vanguard Target Retirement 2055	22	12.2%
Vanguard Target Retirement 2050	19	10.5%
Vanguard Target Retirement 2020	4	2.2%
Vanguard Target Retirement 2025	4	2.2%
Vanguard Target Retirement Income	1	0.6%
Fixed Option	1	0.6%
Total	181	100.0%

Average Account Balance as of June 30, 2023



Age Range	No. of Participants	Average Account Balance
25 and Under	10	\$2,288
Age 26 to 33	30	\$14,839
Age 34 to 40	43	\$19,319
Age 41 to 48	54	\$24,194
Age 49 to 55	57	\$28,018
Age 56 to 62	35	\$24,448
Age 63 to 65	6	\$35,121
Age 65 and Over	3	\$9,768
Total	238	\$22,166

Comparative Performance As of June 30, 2023

Fixed Option	1 Quarter 0.9	Year To Date 1.9	1 Year 3.7	3 Years 3.4	5 Years 3.4	7 Years 3.4	10 Years	Expense Ratio
<u>'</u>								
PIMCO Total Return	-0.8	2.0	-1.5	-4.3	0.2	0.3	1.0	1.1
Blmbg. U.S. Aggregate	-0.8	2.1	-0.9	-4.0	0.8	0.4	1.5	
IM U.S. Broad Market Core+ Fixed Income (MF) Median	-0.7	2.5	-0.2	-3.3	1.0	0.9	1.7	0.6
PIMCO Total Return Rank	59	79	82	88	90	85	89	
TCW Total Return Bond	-1.2	2.3	-3.1	-5.2	0.0	0.0	1.3	0.5
Blmbg. U.S. Aggregate	-0.8	2.1	-0.9	-4.0	0.8	0.4	1.5	
IM U.S. Broad Market Core+ Fixed Income (MF) Median	-0.7	2.5	-0.2	-3.3	1.0	0.9	1.7	0.6
TCW Total Return Bond Rank	88	63	95	98	95	94	80	
Delaware Ivy High Income Bond Fund	2.4	5.5	11.1	5.1	2.6	4.6		0.7
FTSE High Yield Market Index	1.8	5.5	9.0	3.4	3.2	4.4	4.2	
IM U.S. High Yield Bonds (MF) Median	1.4	4.8	8.2	2.8	2.7	3.7	3.6	0.8
Delaware Ivy High Income Bond Fund Rank	8	15	3	9	57	14		
Parnassus Core Equity	7.5	15.7	18.1	14.3	13.4	13.3	12.8	0.6
S&P 500	8.7	16.9	19.6	14.6	12.3	13.4	12.9	
IM U.S. Large Cap Core Equity (MF) Median	8.2	15.4	18.4	13.4	11.4	12.5	11.8	0.7
Parnassus Core Equity Rank	67	47	56	26	6	23	17	
Vanguard 500 Index Fund	8.7	16.9	19.5	14.6	12.3	13.4	12.8	0.0
S&P 500	8.7	16.9	19.6	14.6	12.3	13.4	12.9	
IM U.S. Large Cap Core Equity (MF) Median	8.2	15.4	18.4	13.4	11.4	12.5	11.8	0.7
Vanguard 500 Index Fund Rank	34	31	34	21	22	22	16	
Edgar Lomax Value Fund	-0.2	-2.7	3.5	12.2	6.9	8.3	9.1	0.7
Russell 1000 Value Index	4.1	5.1	11.5	14.3	8.1	8.9	9.2	
IM U.S. Large Cap Value Equity (MF) Median	4.4	4.4	12.2	14.3	8.6	9.8	9.4	0.8
Edgar Lomax Value Fund Rank	98	100	99	80	87	87	64	

Returns for periods greater than one year are annualized.

Returns are expressed as percentages.

*S&P MidCap 400 Index through May 16, 2003; MSCI US Mid Cap 450 Index through January 30, 2013; CRSP US Mid Cap Index thereafter.

*Performance prior to February 2012 represents the Y Share Class; February 2012 forward represents the I Share Class.

Comparative Performance							As of Ju	ne 30, 20
		Year						
	1 Quarter	To Date	1 Year	3 Years	5 Years	7 Years	10 Years	Expense Ratio
Fidelity Contrafund	12.3	25.2	25.1	10.6	11.5	14.7	13.7	0.6
Russell 1000 Growth Index	12.8	29.0	27.1	13.7	15.1	16.9	15.7	
IM U.S. Large Cap Growth Equity (MF) Median	12.7	27.8	25.0	9.9	12.1	14.5	13.7	0.8
Fidelity Contrafund Rank	56	69	50	38	63	48	52	
anguard Mid Cap Index	4.8	8.8	13.7	12.0	8.6	10.3	10.4	0.1
Mid Cap Index Blend*	4.8	8.8	13.7	12.0	8.6	10.3	10.5	
IM U.S. Mid Cap Core Equity (MF) Median	4.6	7.2	12.8	13.6	7.4	9.0	8.7	0.9
Vanguard Mid Cap Index Rank	42	30	42	83	25	17	13	
JP Morgan Mid Cap Value	4.1	4.0	10.2	15.8	7.0			0.7
Russell Midcap Value Index	3.9	5.2	10.5	15.0	6.8	8.2	9.0	
IM U.S. Mid Cap Value Equity (MF) Median	4.3	4.8	11.9	17.2	7.1	8.6	8.6	0.9
JP Morgan Mid Cap Value Rank	55	57	61	67	54			
Eaton Vance Atlanta Capital SMID	4.0	4.9	13.7	13.3	9.3	11.3	11.8	1.1
Russell 2500 Index	5.2	8.8	13.6	12.3	6.5	9.7	9.4	
IM U.S. SMID Cap Core Equity (MF) Median	4.5	7.6	14.0	15.0	6.2	8.5	8.3	1.0
Eaton Vance Atlanta Capital SMID Rank	67	88	54	66	6	8	1	
Neuberger Berman Genesis Trust	4.8	12.2	16.8	10.9	9.3	11.3	10.6	0.7
Russell 2000 Index	5.2	8.1	12.3	10.8	4.2	8.8	8.3	
IM U.S. Small Cap Equity (MF) Median	4.3	8.2	12.9	13.4	5.4	9.0	8.5	1.1
Neuberger Berman Genesis Trust Rank	42	20	22	64	6	18	9	
Harbor Small Cap Value Fund	2.7	8.4	15.4	14.8	6.2	10.0	9.7	0.9
Russell 2000 Value Index	3.2	2.5	6.0	15.4	3.5	7.7	7.3	
IM U.S. Small Cap Value Equity (MF) Median	3.7	4.4	9.7	19.1	4.9	8.4	7.5	1.1
Harbor Small Cap Value Fund Rank	68	15	27	95	23	18	8	

Returns for periods greater than one year are annualized.

Returns are expressed as percentages.

*S&P MidCap 400 Index through May 16, 2003; MSCI US Mid Cap 450 Index through January 30, 2013; CRSP US Mid Cap Index thereafter.

*Performance prior to February 2012 represents the Y Share Class; February 2012 forward represents the I Share Class.

Comparative Performance

comparative Performance							AS OI JU	ne 30, 20
	1 Quarter	Year To Date	1 Year	3 Years	5 Years	7 Years	10 Years	Expense Ratio
Brown Capital Management Small Company	7.2	16.8	10.3	-4.3	2.1	8.8	10.2	1.1
Russell 2000 Growth Index	7.1	13.6	18.5	6.1	4.2	9.3	8.8	
IM U.S. Small Cap Growth Equity (MF) Median	5.1	11.5	14.9	7.2	6.1	10.7	9.3	1.1
Brown Capital Management Small Company Rank	16	7	92	99	96	79	27	
American Funds Europacific Growth Fund	2.2	12.2	15.8	5.5	4.3	7.4	6.3	0.5
MSCI EAFE (Net)	3.0	11.7	18.8	8.9	4.4	6.9	5.4	
IM International Large Cap Core Equity (MF) Median	3.2	12.2	17.8	8.5	3.9	6.2	4.8	0.9
American Funds Europacific Growth Fund Rank	88	50	70	92	39	24	2	
MFS International Value	3.1	12.3	17.0	4.3	5.5	7.3	7.7	1.0
MSCI EAFE Value Index (Net)	3.2	9.3	17.4	11.3	2.9	6.0	4.1	
IM International Value Equity (MF) Median	2.9	10.5	17.5	11.2	3.2	5.9	4.5	1.0
MFS International Value Rank	42	27	54	100	6	15	1	
American Funds Global Insight R6	4.5	12.3	18.1	9.3				0.5
MSCI World (Net)	6.8	15.1	18.5	12.2	9.1	10.6	9.5	
IM Global Large Cap Core Equity (MF) Median	5.6	12.3	17.5	9.3	8.0	9.5	8.4	0.9
American Funds Global Insight R6 Rank	74	51	29	55				
Vanguard REIT Index Admiral	1.6	3.5	-3.9	5.9	4.4	3.2	6.1	0.1
Vanguard REIT Spliced Index	1.7	3.5	-3.8	6.0	4.5	3.3	6.2	
IM Global Real Estate (MF) Median	0.6	2.5	-3.8	3.7	1.4	1.9	3.5	1.1
Vanguard REIT Index Admiral Rank	8	14	55	5	6	24	1	
anguard Target Retirement Income	1.4	5.6	4.5	1.7	3.4	3.8	4.1	0.1
Vanguard Target Income Composite Index	1.4	5.6	4.8	1.9	3.7	4.0	4.4	
IM Mixed-Asset Target Today (MF) Median	1.5	5.5	5.0	2.1	3.3	3.9	3.8	0.6
Vanguard Target Retirement Income Rank	61	47	63	60	43	56	39	

As of June 30, 2023

Returns for periods greater than one year are annualized.

Returns are expressed as percentages.

*S&P MidCap 400 Index through May 16, 2003; MSCI US Mid Cap 450 Index through January 30, 2013; CRSP US Mid Cap Index thereafter.

*Performance prior to February 2012 represents the Y Share Class; February 2012 forward represents the I Share Class.

Comparative Performance

Comparative Performance							AS OT JU	ne 30, 20
		Year						
	1	То	. 1	3	5	7	10	Expense
	Quarter	Date	Year	Years	Years	Years	Years	Ratio
Vanguard Target Retirement 2020	2.1	7.0	6.6	3.8	4.6	5.7	6.0	0.1
Vanguard Target 2020 Composite Index	2.2	7.0	6.9	4.1	5.0	6.0	6.3	
IM Mixed-Asset Target 2020 (MF) Median	2.0	6.6	6.6	3.9	4.4	5.5	5.6	0.6
Vanguard Target Retirement 2020 Rank	37	30	51	57	36	33	20	
Vanguard Target Retirement 2025	3.0	8.5	8.6	5.0	5.3	6.5	6.7	0.1
Vanguard Target 2025 Composite Index	3.0	8.4	9.0	5.3	5.7	6.9	7.0	
IM Mixed-Asset Target 2025 (MF) Median	2.2	7.1	7.2	4.5	4.7	5.9	5.8	0.6
Vanguard Target Retirement 2025 Rank	9	8	13	32	22	23	15	
Vanguard Target Retirement 2030	3.6	9.4	9.9	6.0	5.8	7.2	7.2	0.1
Vanguard Target 2030 Composite Index	3.6	9.4	10.5	6.4	6.2	7.6	7.6	
IM Mixed-Asset Target 2030 (MF) Median	3.0	8.4	9.0	5.9	5.3	6.8	6.6	0.6
Vanguard Target Retirement 2030 Rank	11	7	15	40	26	30	18	
Vanguard Target Retirement 2035	4.1	10.3	11.3	7.2	6.4	8.0	7.8	0.1
Vanguard Target 2035 Composite Index	4.1	10.2	11.8	7.6	6.7	8.3	8.1	
IM Mixed-Asset Target 2035 (MF) Median	3.8	9.6	11.1	7.4	6.1	7.7	7.3	0.6
Vanguard Target Retirement 2035 Rank	31	23	43	61	32	39	26	
Vanguard Target Retirement 2040	4.6	11.1	12.6	8.4	6.9	8.7	8.3	0.1
Vanguard Target 2040 Composite Index	4.6	11.1	13.1	8.7	7.3	9.0	8.7	
IM Mixed-Asset Target 2040 (MF) Median	4.6	10.9	12.9	8.6	6.6	8.4	7.8	0.6
Vanguard Target Retirement 2040 Rank	54	43	59	62	32	34	23	
Vanguard Target Retirement 2045	5.1	11.9	13.9	9.5	7.5	9.2	8.7	0.1
Vanguard Target 2045 Composite Index	5.1	11.9	14.4	9.9	7.8	9.6	9.0	
IM Mixed-Asset Target 2045 (MF) Median	5.1	11.5	13.9	9.4	7.1	8.8	8.0	0.6
Vanguard Target Retirement 2045 Rank	51	38	51	46	25	25	18	

As of June 30, 2023

Returns for periods greater than one year are annualized.

Returns are expressed as percentages.

*S&P MidCap 400 Index through May 16, 2003; MSCI US Mid Cap 450 Index through January 30, 2013; CRSP US Mid Cap Index thereafter.

*Performance prior to February 2012 represents the Y Share Class; February 2012 forward represents the I Share Class.

Comparative Performance	As o	of June 30, 2023

	1 Quarter	Year To Date	1 Year	3 Years	5 Years	7 Years	10 Years	Expense Ratio
Vanguard Target Retirement 2050	5.4	12.4	14.6	9.7	7.6	9.3	8.8	0.1
Vanguard Target 2050 Composite Index	5.4	12.3	15.0	10.1	8.0	9.7	9.1	
IM Mixed-Asset Target 2050 (MF) Median	5.3	12.0	14.5	9.6	7.1	8.9	8.2	0.6
Vanguard Target Retirement 2050 Rank	43	33	46	44	22	25	23	
Vanguard Target Retirement 2055	5.4	12.4	14.6	9.7	7.6	9.3	8.7	0.1
Vanguard Target 2055 Composite Index	5.4	12.3	15.0	10.1	8.0	9.7	9.1	
IM Mixed-Asset Target 2055 (MF) Median	5.3	12.2	14.7	9.7	7.2	9.0	8.3	0.6
Vanguard Target Retirement 2055 Rank	48	43	55	49	24	30	26	
Vanguard Target Retirement 2060	5.4	12.4	14.6	9.8	7.6	9.3	8.7	0.1
Vanguard Target 2060 Composite Index	5.4	12.3	15.0	10.1	8.0	9.7	9.1	
IM Mixed-Asset Target 2055 (MF) Median	5.3	12.2	14.7	9.7	7.2	9.0	8.3	0.6
Vanguard Target Retirement 2060 Rank	47	42	52	49	24	29	26	

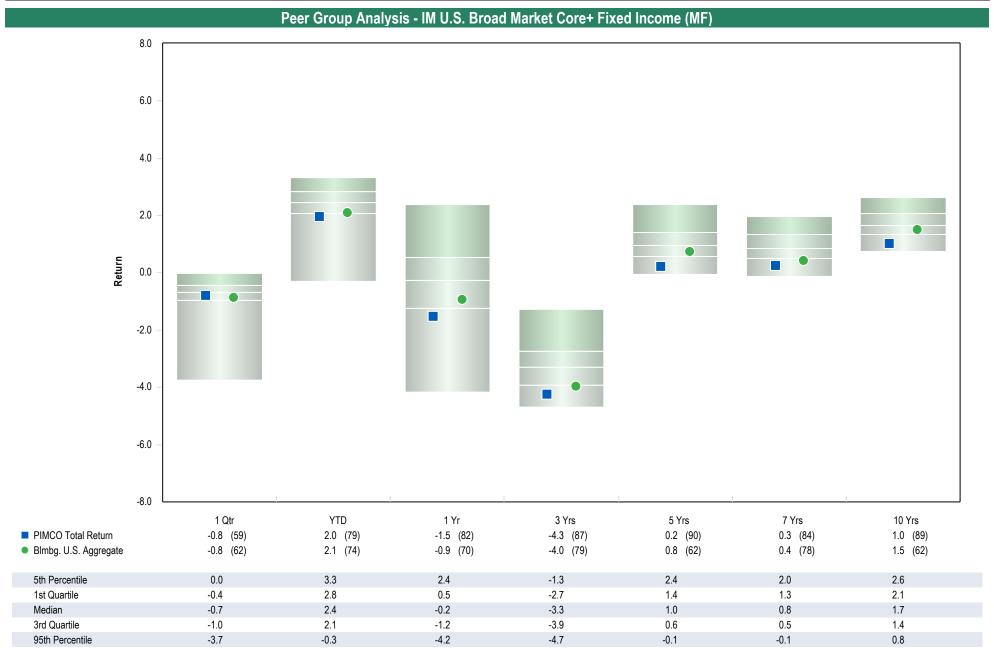
Returns are expressed as percentages.

*S&P MidCap 400 Index through May 16, 2003; MSCI US Mid Cap 450 Index through January 30, 2013; CRSP US Mid Cap Index thereafter.

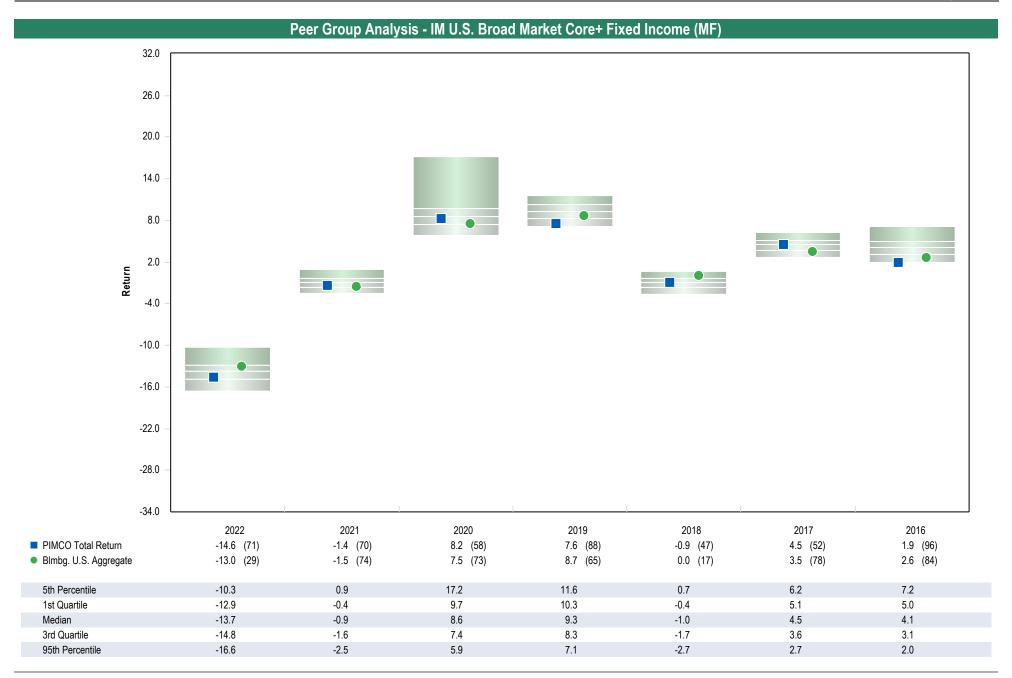
*Performance prior to February 2012 represents the Y Share Class; February 2012 forward represents the I Share Class.

INVESTME	ENT OPTIONS	

PIMCO Total Return As of June 30, 2023



PIMCO Total Return As of June 30, 2023



PIMCO Total Return As of June 30, 2023

Fund Information

Fund Name: PIMCO Funds: PIMCO Total Return Fund; Class R Shares

Fund Family: PIMCO

PTRRX

Inception Date: 12/31/2002

Ticker:

Fund Assets: \$408 Million Portfolio Turnover: 377% Portfolio Assets : \$58,458 Million
Portfolio Manager : Team Managed

PM Tenure :

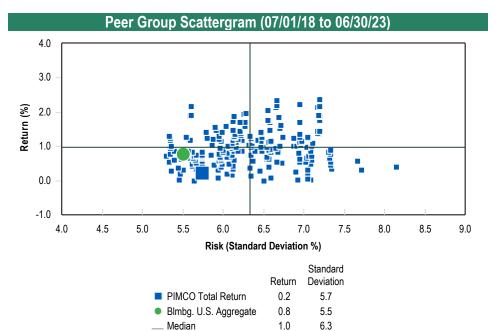
Fund Style: IM U.S. Broad Market Core+ Fixed Income (MF)

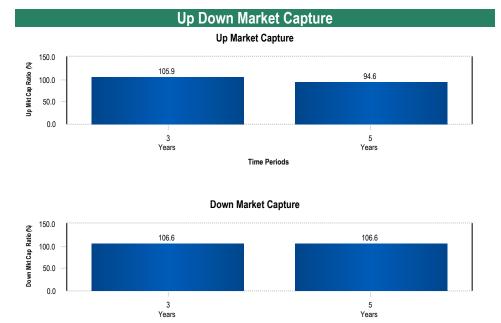
Style Benchmark: Blmbg. U.S. Aggregate

Fund Investment Policy

The Fund seeks maximum total return, consistent with preservation of capital and prudent investment management. The Fund seeks to achieve its investment objective by investing in a diversified portfolio of fixed income instruments. The average portfolio duration normally varies within a three-to-six year time frame.

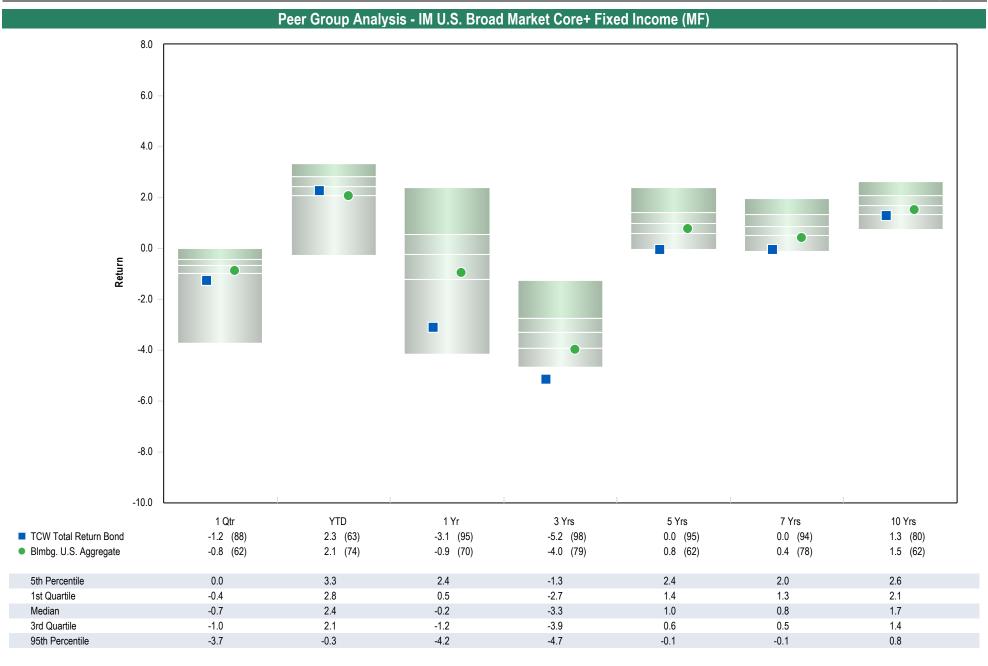
Historical Statistics (07/01/18 - 06/30/23) *										
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date
PIMCO Total Return	0.2	5.7	-0.2	-0.5	1.0	1.0	0.9	-0.6	5.6	04/01/2001
Blmbg. U.S. Aggregate	0.8	5.5	-0.1	0.0	1.0	1.0	0.0		5.3	04/01/2001
90 Day U.S. Treasury Bill	1.6	0.7		1.5	0.0	0.1	5.3	0.1	0.0	04/01/2001



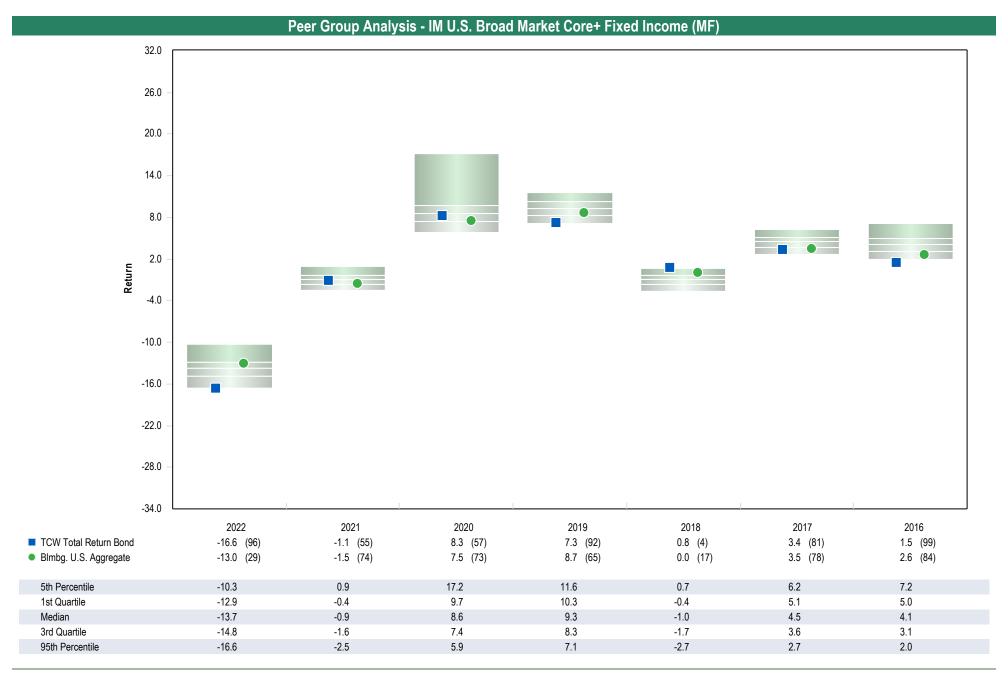


Time Periods

^{*} Quarterly periodicity used.



TCW Total Return Bond As of June 30, 2023



TCW Total Return Bond As of June 30, 2023

Fund Information

Fund Name: TCW Funds, Inc: TCW Total Return Bond Fund; Class I Shares

Fund Family: TCW Funds

Ticker: TGLMX

Inception Date: 06/17/1993 Fund Assets: \$2.349 Million

Portfolio Turnover: 387%

Portfolio Assets : \$2,797 Million
Portfolio Manager : Team Managed

PM Tenure:

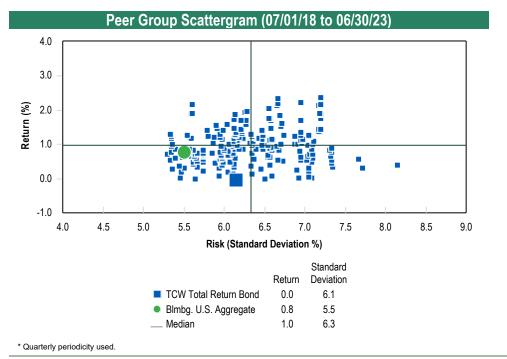
Fund Style: IM U.S. Broad Market Core+ Fixed Income (MF)

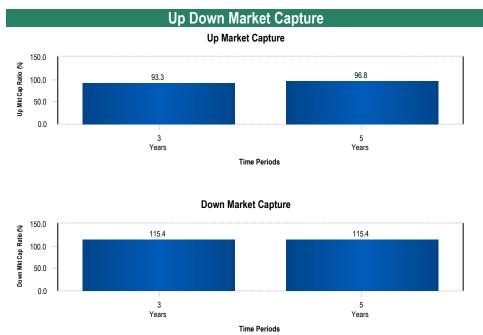
Style Benchmark: Blmbg. U.S. Aggregate

Fund Investment Policy

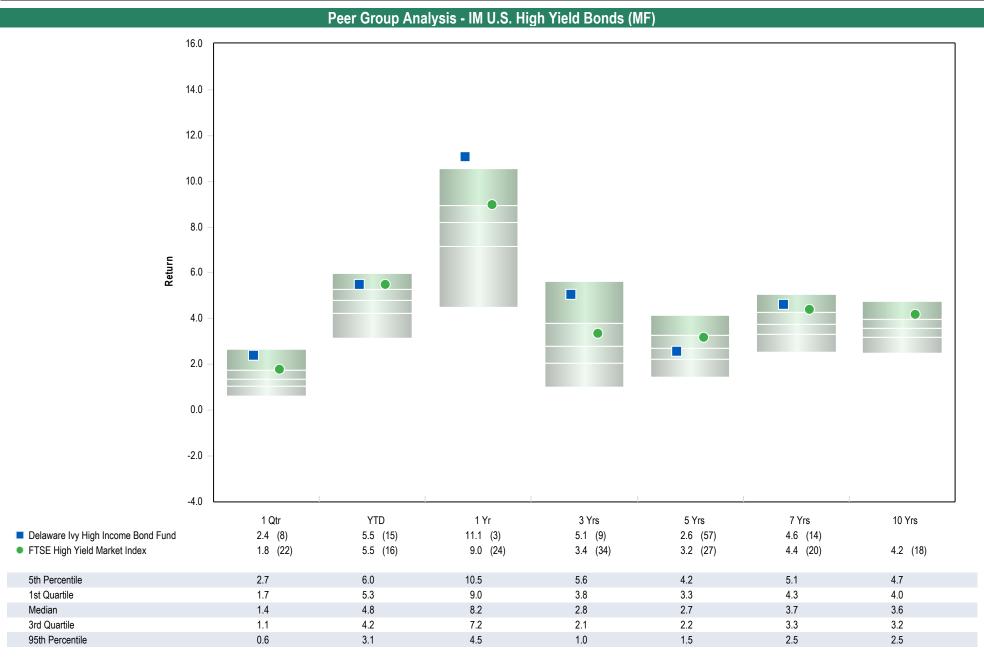
The Fund seeks to maximize current income and achieve above average total return consistent with prudent investment management over a full market cycle.

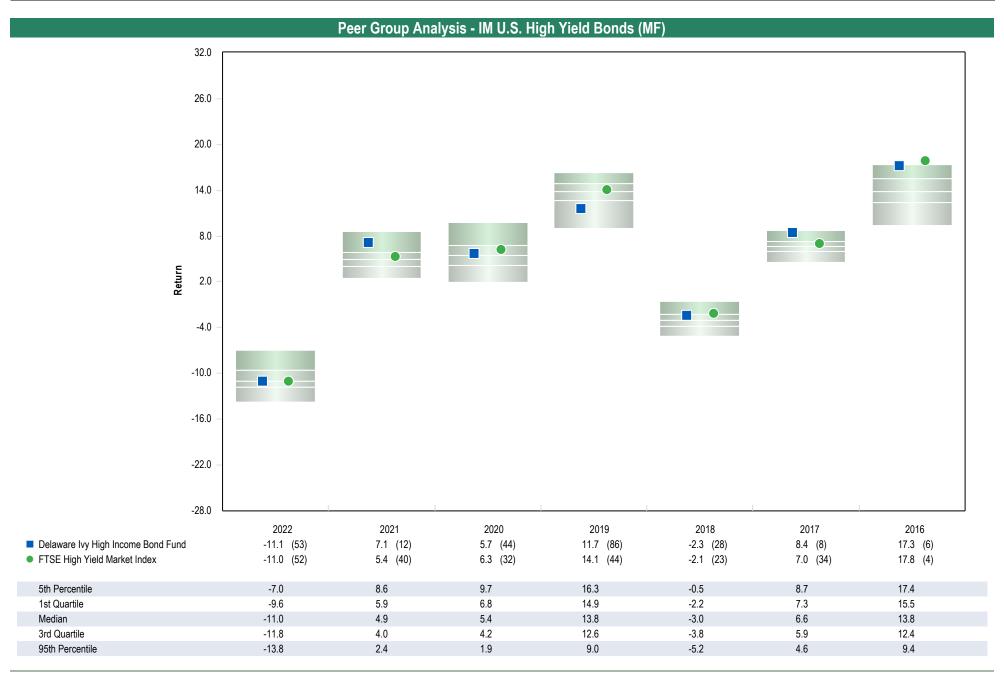
	Historical Statistics (07/01/18 - 06/30/23) *														
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date					
TCW Total Return Bond	0.0	6.1	-0.2	-0.8	1.1	1.0	1.2	-0.7	6.0	07/01/1993					
Blmbg. U.S. Aggregate	8.0	5.5	-0.1	0.0	1.0	1.0	0.0		5.3	07/01/1993					
90 Day U.S. Treasury Bill	1.6	0.7		1.5	0.0	0.1	5.3	0.1	0.0	07/01/1993					





X Segal Marco Advisors





Fund Information

Fund Name: Ivy Funds: Delaware Ivy High Income Fund; Class I Shares

Fund Family: Macquarie Asset Management

Ticker: IVHIX
Inception Date: 04/02/2007
Fund Assets: \$1,032 Million

Portfolio Turnover: 50%

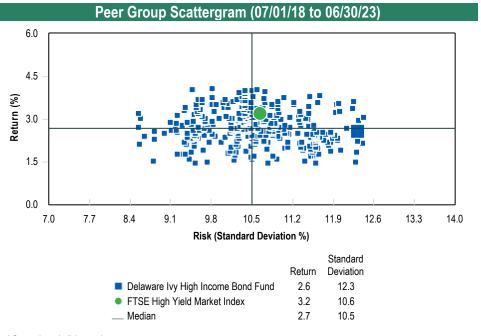
Portfolio Assets: \$2,493 Million
Portfolio Manager: Brown/McCarthy
PM Tenure: 2021--2021

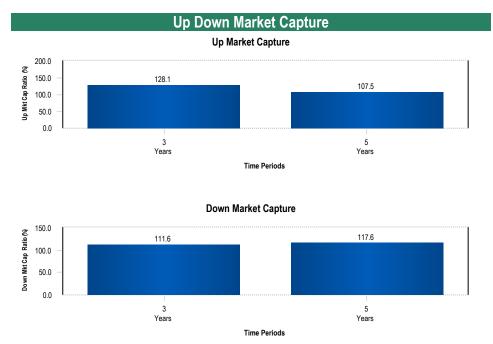
Fund Style: IM U.S. High Yield Bonds (MF)
Style Benchmark: FTSE High Yield Market Index

Fund Investment Policy

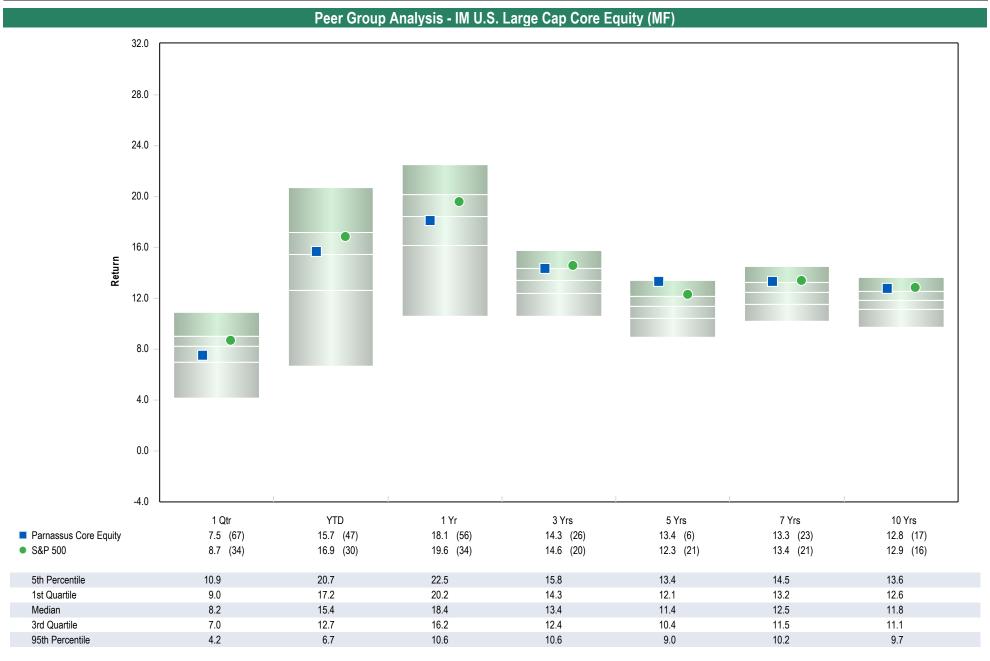
The Fund seeks a high level a current income as its primary goal and capital growth as a secondary goal when consistent with its primary goal. The Fund invests in high-yield, high-risk, fixed-income securities of U.S. issuers and may invest up to 20% of its total assets in common stock in order to seek capital growth.

	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
Delaware Ivy High Income Bond Fund	2.6	12.3	0.1	-0.9	1.1	1.0	2.8	-0.1	12.4	02/01/1996				
FTSE High Yield Market Index	3.2	10.6	0.2	0.0	1.0	1.0	0.0		10.7	02/01/1996				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	10.7	-0.2	0.0	02/01/1996				

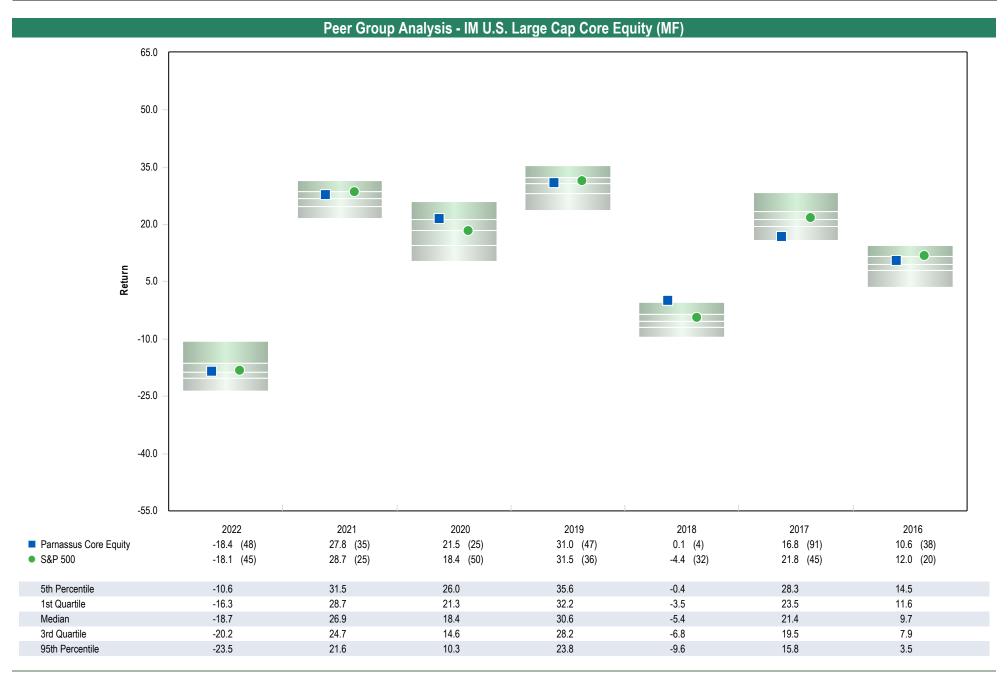




^{*} Quarterly periodicity used.



Parnassus Core Equity



Parnassus Core Equity As of June 30, 2023

Fund Information

Fund Name: Parnassus Income Funds: Parnassus Core Equity Fund; Institutional Shares

Fund Family: Parnassus Investments

PRILX

04/28/2006 Inception Date:

Fund Assets: \$14.475 Million

Portfolio Turnover: 40%

Ticker:

Portfolio Assets: \$26,973 Million Portfolio Manager: Ahlsten/Allen/Choi PM Tenure: 2006--2012--2022

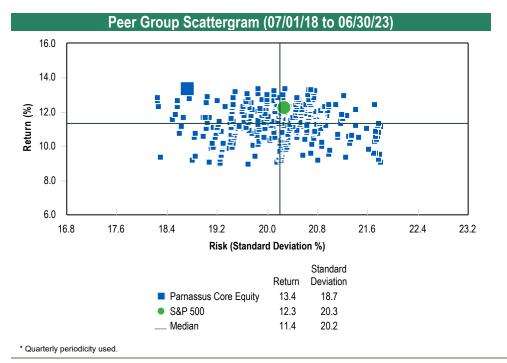
Fund Style: IM U.S. Large Cap Core Equity (MF)

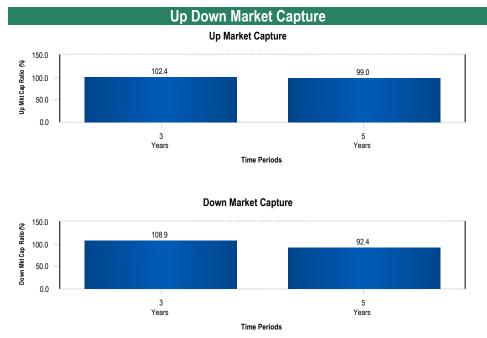
Style Benchmark: S&P 500

Fund Investment Policy

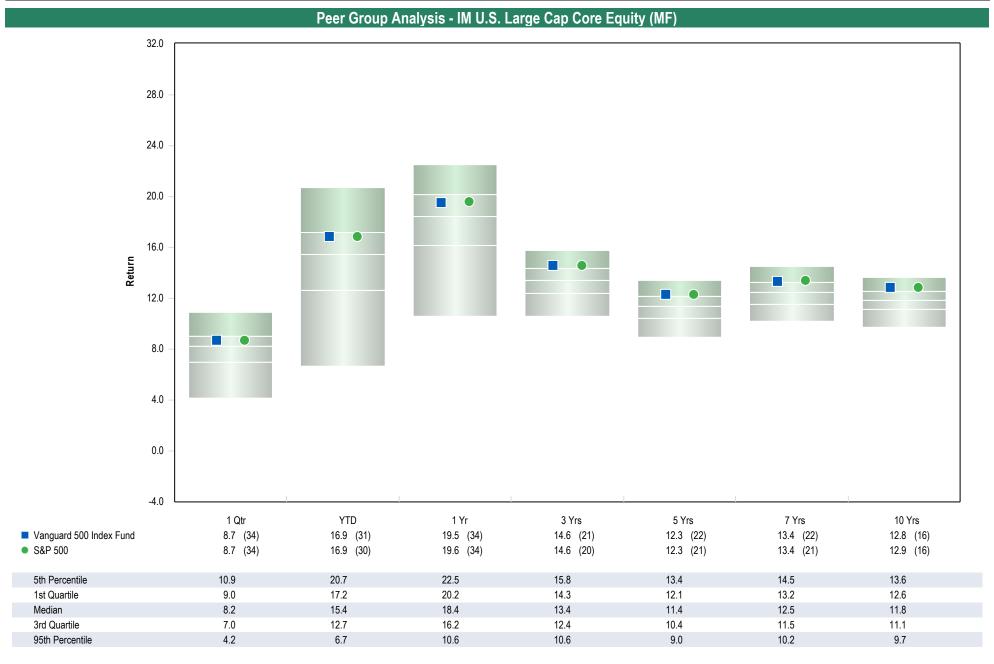
The Fund seeks both capital appreciation and current income. Under normal circumstances, the Fund will invest a minimum of 80% of its net assets plus any borrowings in equity securities. At least 75% of the Funds total assets will normally be invested in equity securities that pay interest or dividends.

	Historical Statistics (07/01/18 - 06/30/23) *														
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date					
Parnassus Core Equity	13.4	18.7	0.7	1.9	0.9	1.0	3.6	0.2	18.8	05/01/2006					
S&P 500	12.3	20.3	0.6	0.0	1.0	1.0	0.0		20.3	05/01/2006					
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	20.3	-0.6	0.0	05/01/2006					

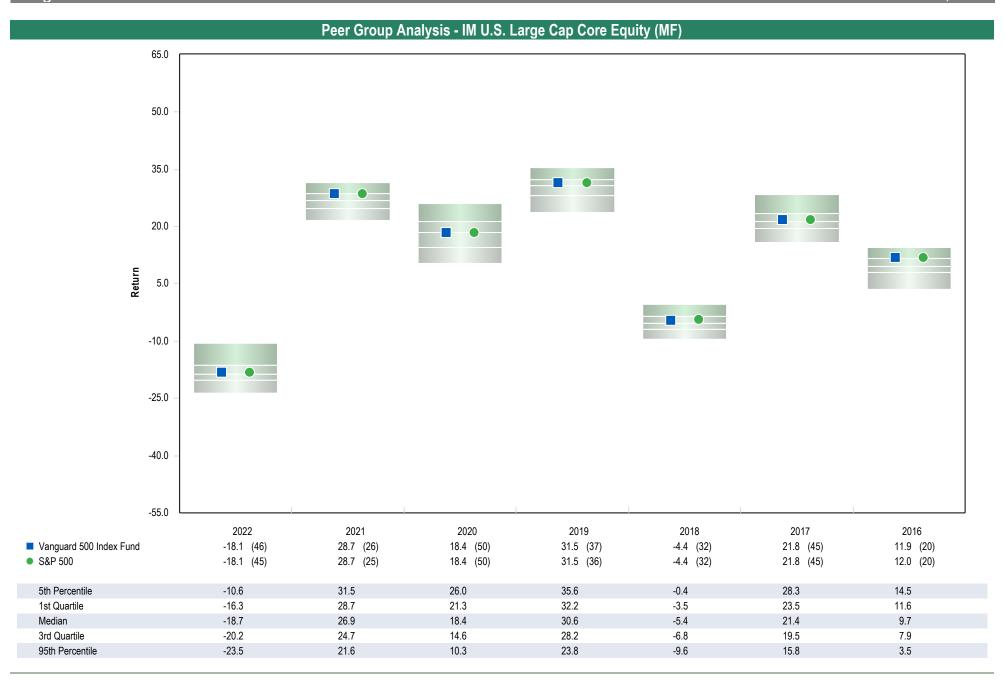




^{**} Segal Marco Advisors



Vanguard 500 Index Fund



Vanguard 500 Index Fund As of June 30, 2023

Fund Information

\$239,229 Million Fund Name: Vanguard Institutional Index Fund: Vanguard Institutional Index Fund; Institutional Shares Portfolio Assets: Fund Family: Vanguard Portfolio Manager: Butler/Louie VINIX Ticker:

PM Tenure: 2000--2017

Inception Date: 07/31/1990 Fund Style: IM U.S. Large Cap Core Equity (MF)

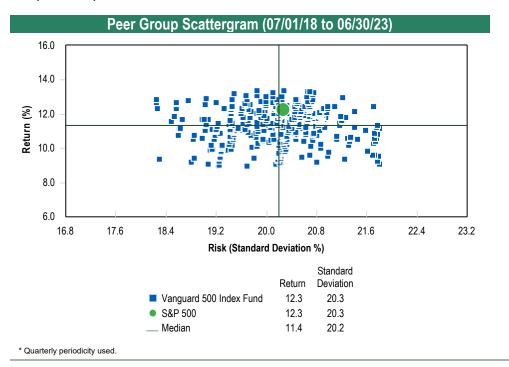
Fund Assets: \$100,805 Million Style Benchmark: S&P 500

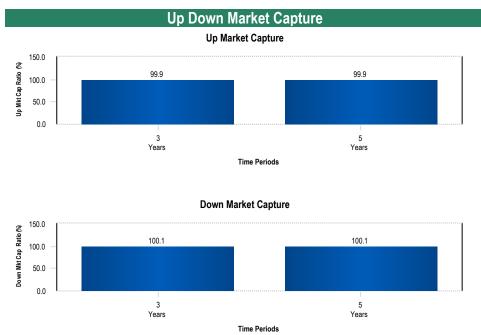
Portfolio Turnover: 3%

Fund Investment Policy

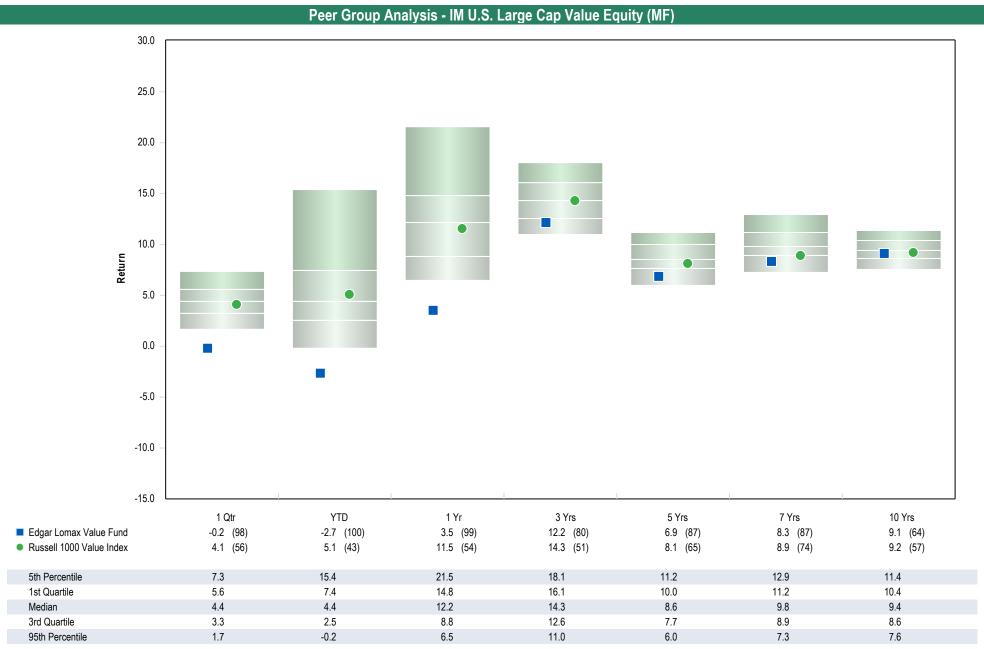
The Fund seeks to track the performance of the S&P 500 index, a benchmark that measures the investment return of large-capitalization stocks.

	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
Vanguard 500 Index Fund	12.3	20.3	0.6	0.0	1.0	1.0	0.0	-2.5	20.3	09/01/1976				
S&P 500	12.3	20.3	0.6	0.0	1.0	1.0	0.0		20.3	09/01/1976				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	20.3	-0.6	0.0	09/01/1976				

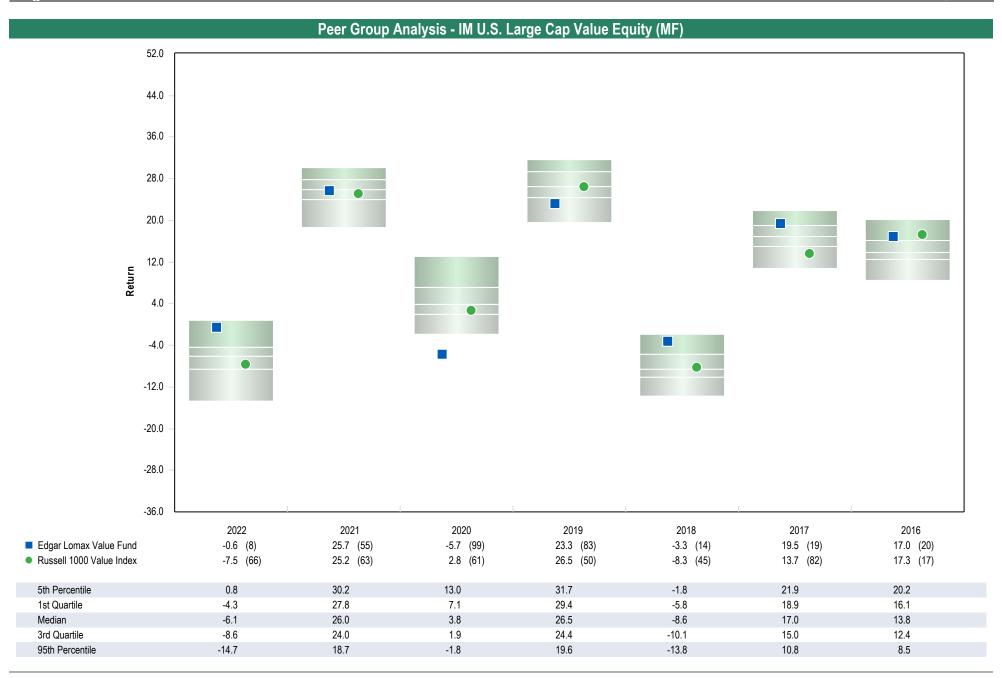




^{**} Segal Marco Advisors



Edgar Lomax Value Fund



Edgar Lomax Value Fund As of June 30, 2023

Fund Information

Fund Name: Advisors Series Trust: Edgar Lomax Value Fund

Fund Family: Edgar Lomax Company

Ticker: LOMAX Inception Date: 12/12/1997

Fund Assets: \$91 Million Portfolio Turnover: 40% Portfolio Assets: \$91 Million
Portfolio Manager: Eley/Murray
PM Tenure: 1997--2019

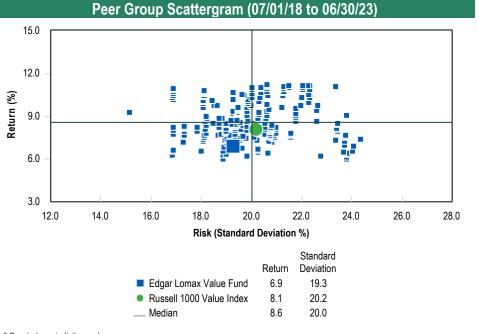
Fund Style : IM U.S. Large Cap Value Equity (MF)

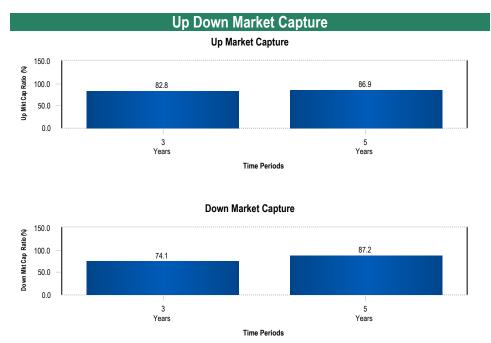
Style Benchmark: Russell 1000 Value Index

Fund Investment Policy

The Fund seeks long-term capital growth while providing some income. The Advisor uses a disciplined approach to select stocks for the Fund's portfolio that it believes are undervalued and have prospects for continued consistent growth. The Fund invests primarily in large, well-recognized companies.

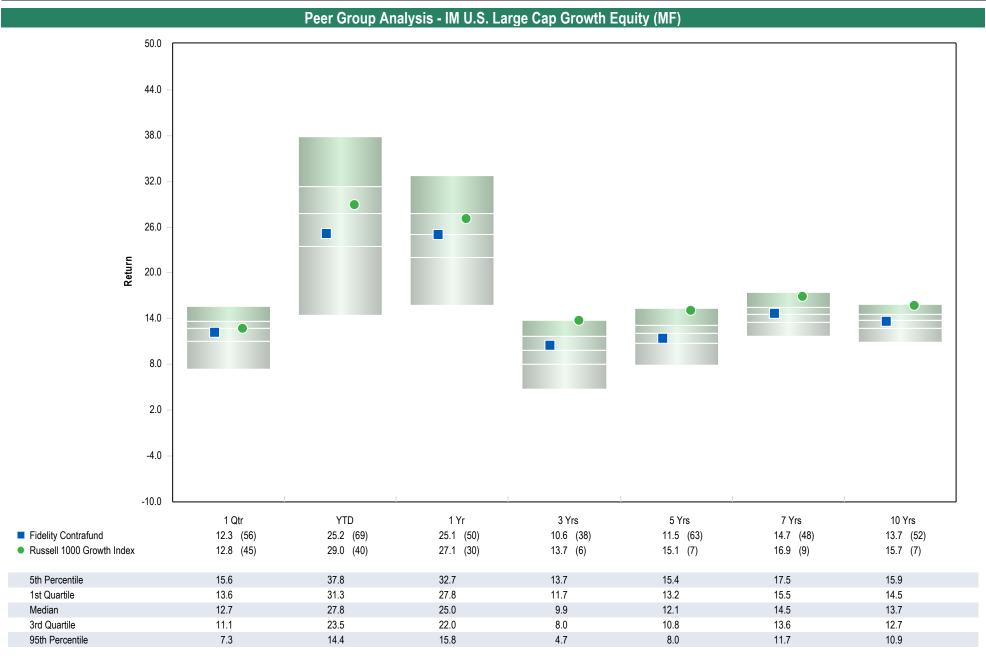
	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
Edgar Lomax Value Fund	6.9	19.3	0.4	-0.6	0.9	0.9	5.1	-0.3	19.4	02/01/2002				
Russell 1000 Value Index	8.1	20.2	0.4	0.0	1.0	1.0	0.0		20.3	02/01/2002				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	20.3	-0.4	0.0	02/01/2002				



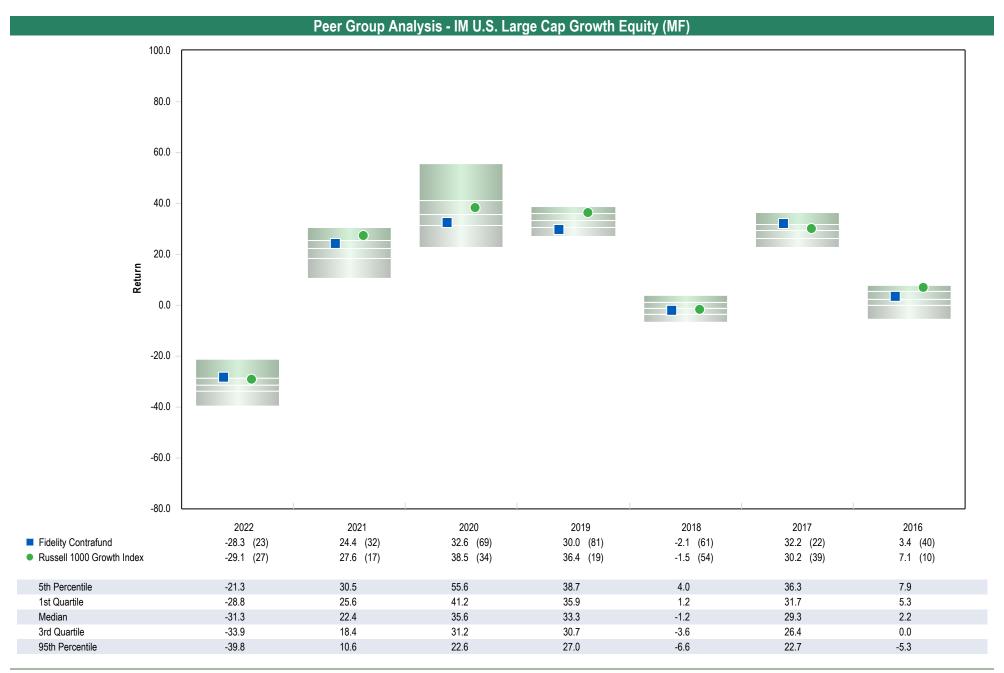


^{*} Quarterly periodicity used.

Fidelity Contrafund As of June 30, 2023



Fidelity Contrafund As of June 30, 2023



Fidelity Contrafund As of June 30, 2023

Fund Information

Fund Name : Fidelity Contrafund
Fund Family : Fidelity Investments

Ticker: FCNTX
Inception Date: 05/17/1967
Fund Assets: \$98.831 Million

Portfolio Turnover: 25%

Portfolio Assets: \$107,888 Million
Portfolio Manager: William Danoff

PM Tenure: 1990

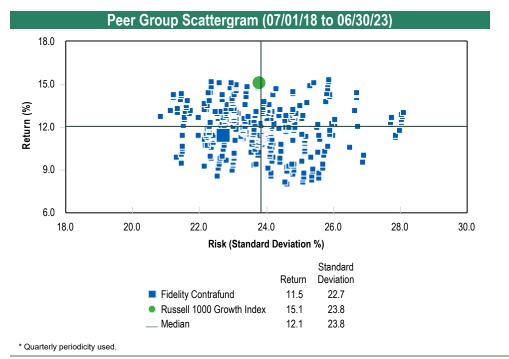
Fund Style: IM U.S. Large Cap Growth Equity (MF)

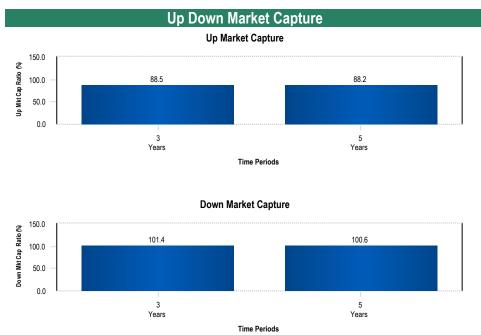
Style Benchmark: Russell 1000 Growth Index

Fund Investment Policy

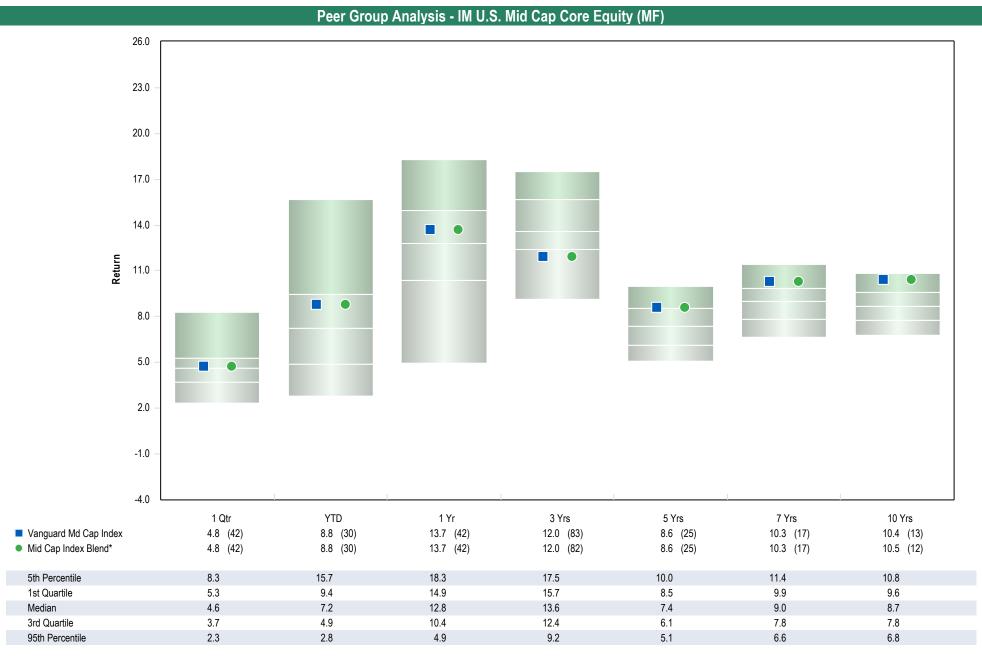
The Fund seeks capital appreciation. The Fund seeks to achieve its investment objective by investing in securities of companies whose value it believes is not fully recognized by the public. The Fund normally invests primarily in common stocks and may invest in both domestic and foreign issuers.

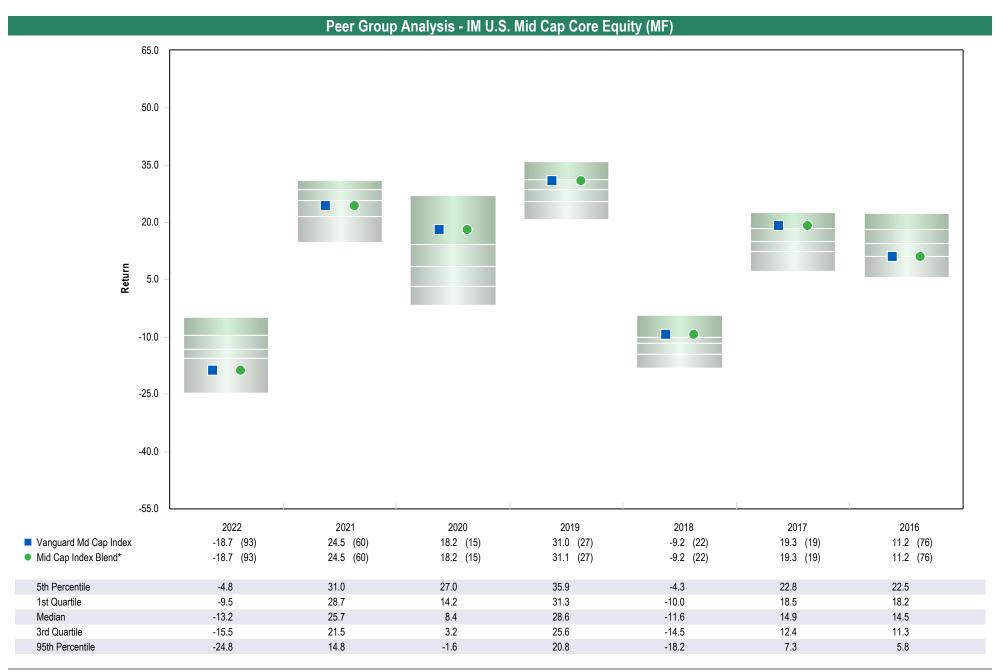
			Histor	ical Statisti	cs (07/01/1	8 - 06/30/23) *				
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date
Fidelity Contrafund	11.5	22.7	0.5	-2.7	0.9	1.0	3.1	-1.2	22.7	01/01/1993
Russell 1000 Growth Index	15.1	23.8	0.7	0.0	1.0	1.0	0.0		23.8	01/01/1993
90 Day U.S. Treasury Bill	1.6	0.7		1.5	0.0	0.0	23.8	-0.7	0.0	01/01/1993





[→] Segal Marco Advisors





Vanguard Md Cap Index
As of June 30, 2023

Fund Information

Fund Name: Vanguard Index Funds: Vanguard Mid-Cap Index Fund; Admiral Shares

Fund Family: Vanguard
Ticker: VIMAX
Inception Date: 11/12/2001

Fund Assets: \$50.964 Million

Portfolio Turnover: 12%

Portfolio Assets : \$144,368 Million
Portfolio Manager : Butler/Khan/Denis
PM Tenure : 2001--2021--2023

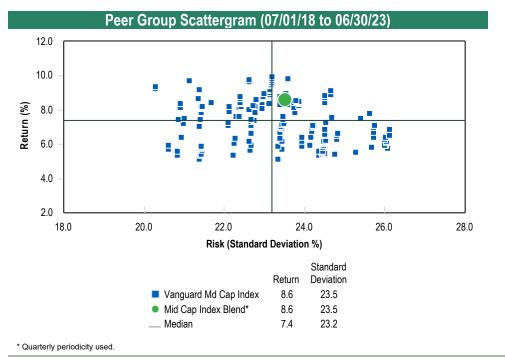
Fund Style: IM U.S. Mid Cap Core Equity (MF)

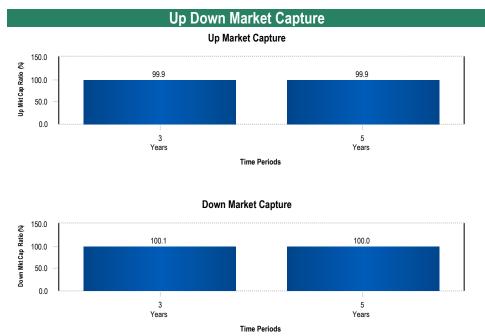
Style Benchmark: Mid Cap Index Blend*

Fund Investment Policy

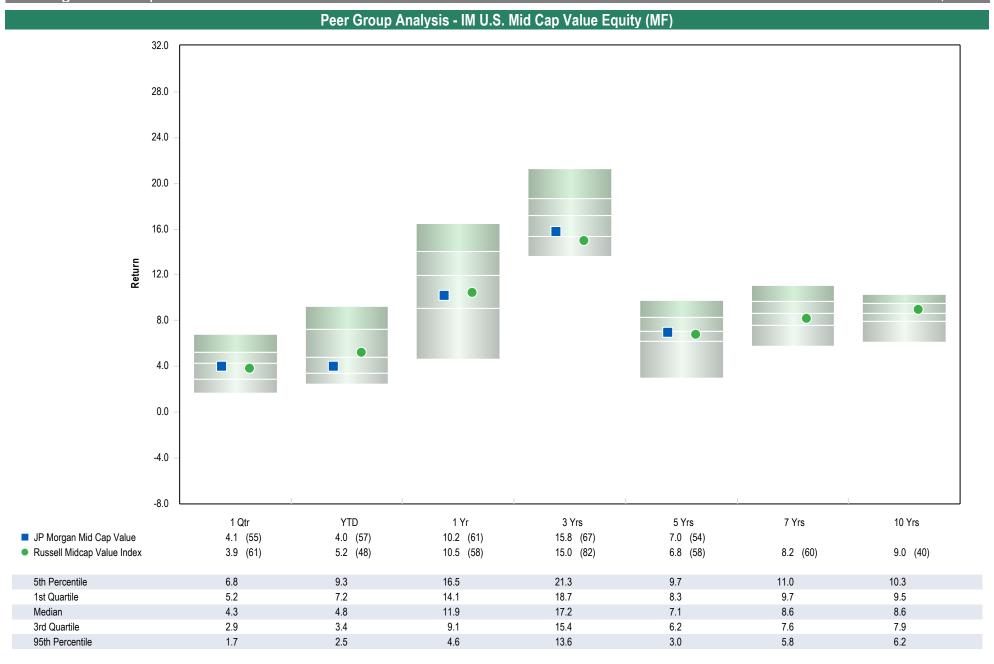
The Fund seeks to track the performance of a benchmark index that measures the investment return of mid-capitalization stocks.

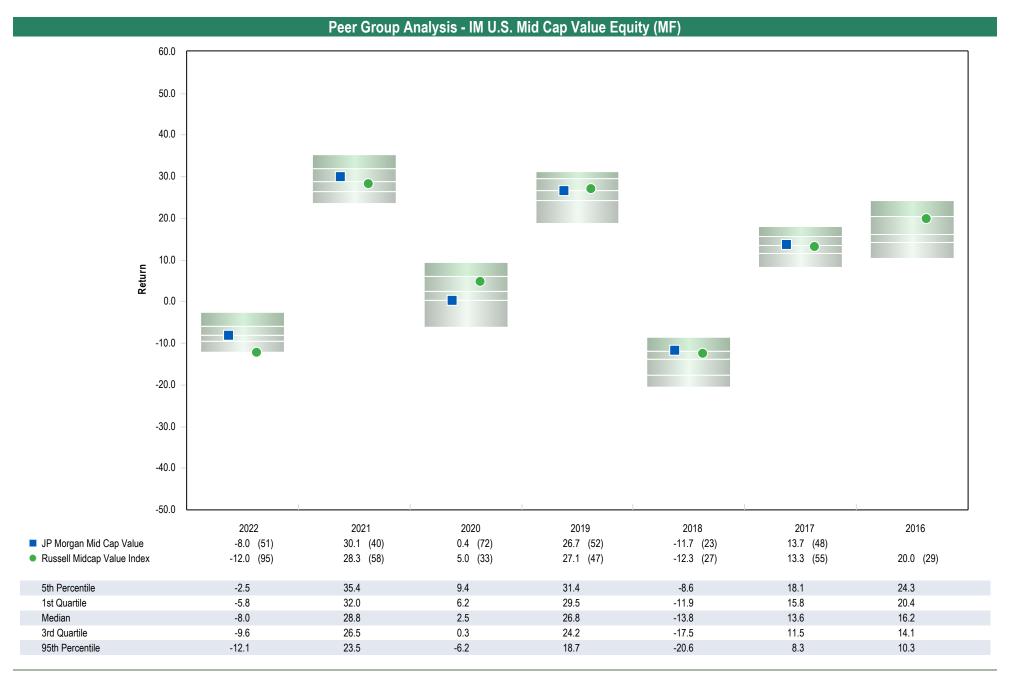
	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
Vanguard Md Cap Index	8.6	23.5	0.4	0.0	1.0	1.0	0.0	-0.7	23.6	12/01/2001				
Mid Cap Index Blend*	8.6	23.5	0.4	0.0	1.0	1.0	0.0		23.6	12/01/2001				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	23.6	-0.4	0.0	12/01/2001				





[→] Segal Marco Advisors





JP Morgan Mid Cap Value

As of June 30, 2023

Fund Information

Fund Name: JP Morgan Fleming Mutual Fund Group, Inc: JPMorgan Mid Cap Value Fund; Class R6 Portfolio Assets: \$13,478 Million

Shares

Fund Family: JP Morgan Asset Management Portfolio Manager: Simon/Playford

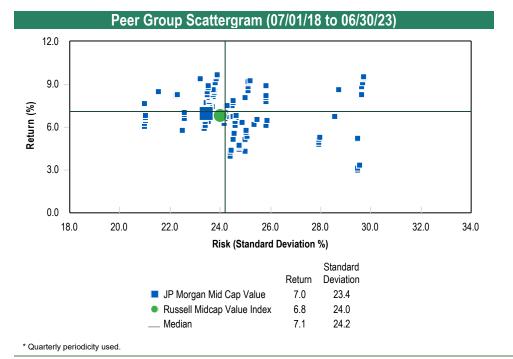
Ticker: JMVYX PM Tenure: 2016--2016

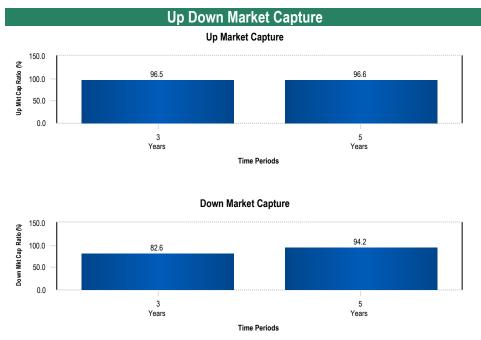
Inception Date: 09/09/2016 Fund Style: IM U.S. Mid Cap Value Equity (MF)
Fund Assets: \$4,086 Million Style Benchmark: Russell Midcap Value Index

Fund Investment Policy

The Fund seeks growth through common stocks of issuers with above average growth potential. Under normal circumstances, the Fund invests at least 80% of its assets in equity securities of mid cap companies.

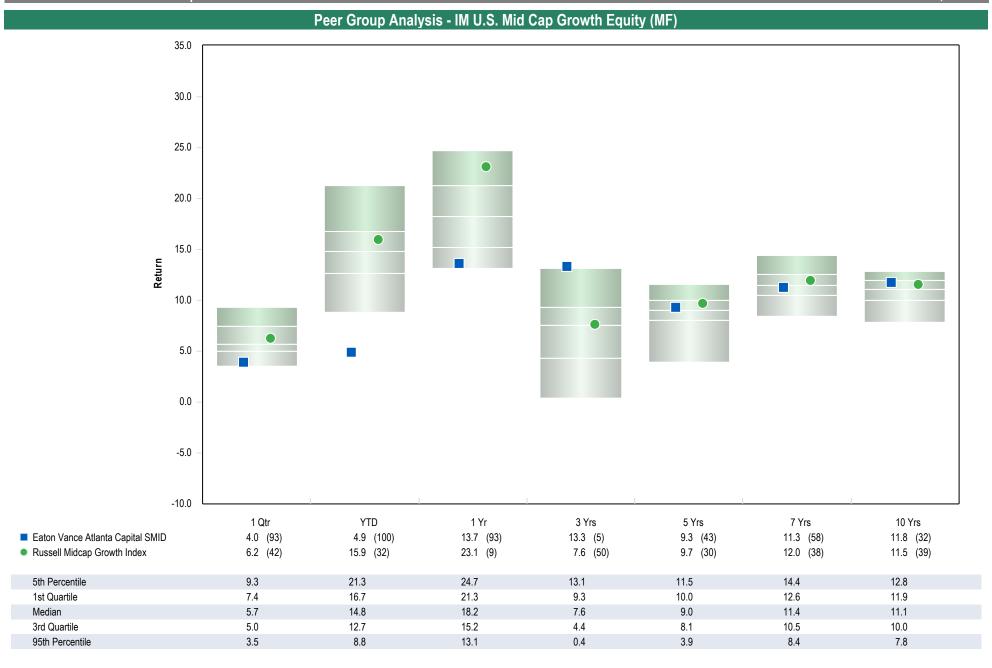
	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
JP Morgan Mid Cap Value	7.0	23.4	0.3	0.3	1.0	1.0	2.2	0.0	23.6	09/01/2007				
Russell Midcap Value Index	6.8	24.0	0.3	0.0	1.0	1.0	0.0		24.2	09/01/2007				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	24.2	-0.3	0.0	09/01/2007				

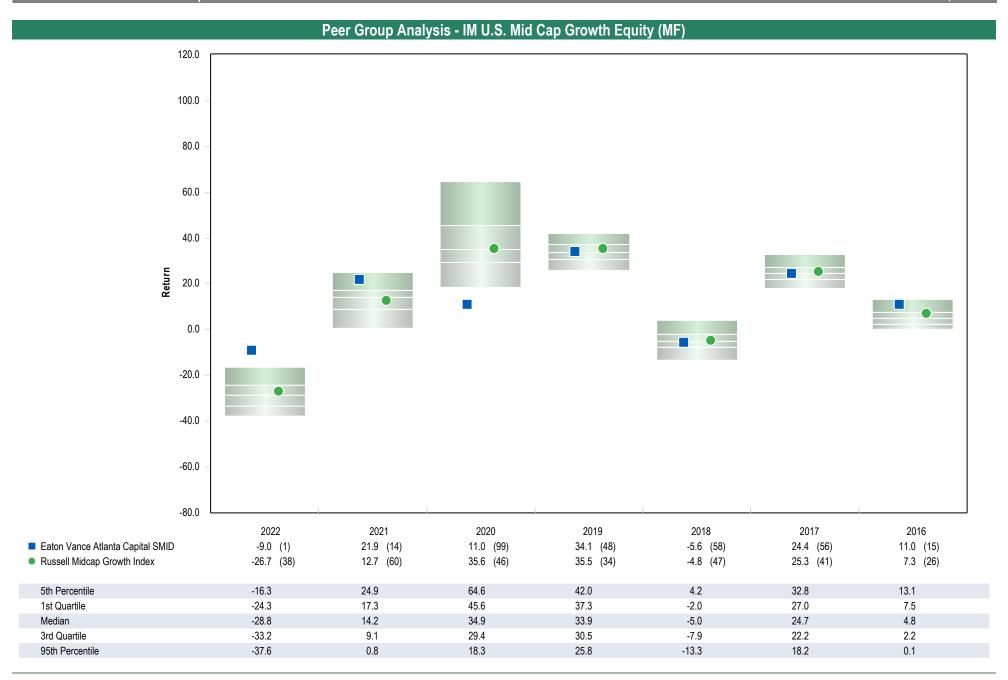




[★] Segal Marco Advisors

As of June 30, 2023





Eaton Vance Atlanta Capital SMID

As of June 30, 2023

Fund Information

Fund Name: Eaton Vance Growth Trust: Eaton Vance Atlanta Capital SMID-Cap Fund; Class A Shares Portfolio Assets: \$11,203 Million
Fund Family: Eaton Vance Portfolio Manager: Bell IV/Reed/Hereford
Ticker: EAASX PM Tenure: 2004--2003--2004

PM Tenure : 2004--2003--2004 2003 Fund Style : IM U.S. Mid Cap G

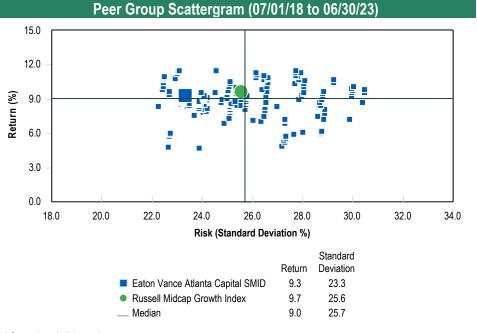
Inception Date: 11/28/2003 Fund Style: IM U.S. Mid Cap Growth Equity (MF)
Fund Assets: \$998 Million Style Benchmark: Russell Midcap Growth Index

Portfolio Turnover: 7%

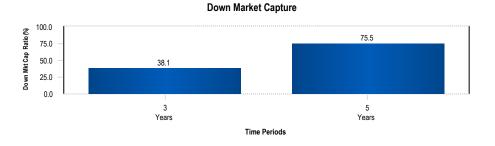
Fund Investment Policy

The Fund seeks long-term capital growth. Invests primarily in common stocks of companies with small market capitalizations. The Fund will normally invest in companies having market capitalizations within the range of companies comprising the Russell 2000 stock index.

	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
Eaton Vance Atlanta Capital SMID	9.3	23.3	0.4	1.5	0.8	0.8	11.2	-0.1	23.4	08/01/2014				
Russell Midcap Growth Index	9.7	25.6	0.4	0.0	1.0	1.0	0.0		25.6	08/01/2014				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	25.6	-0.4	0.0	08/01/2014				

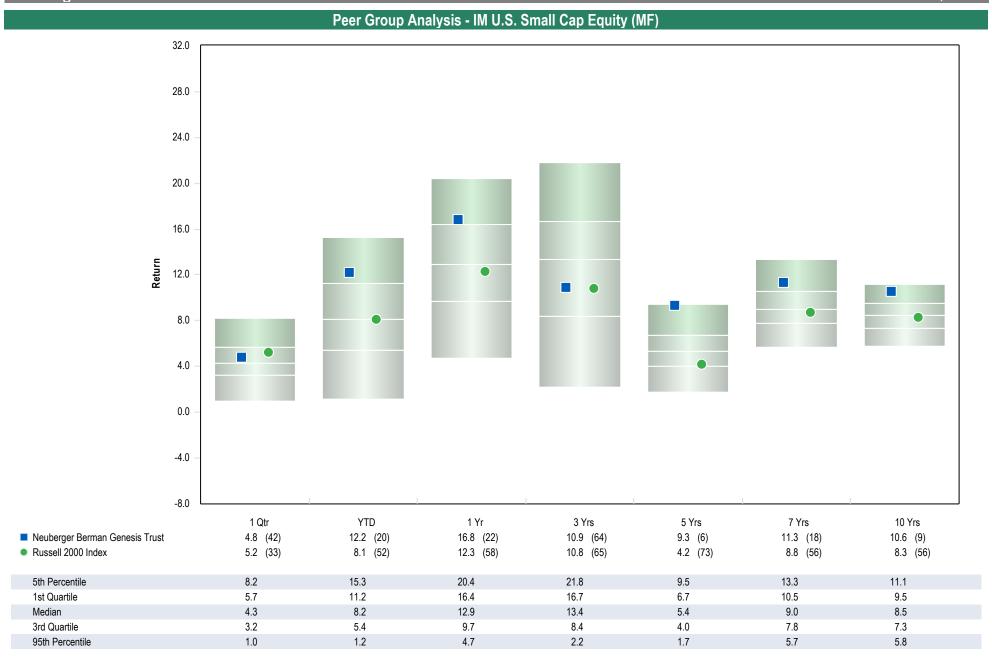




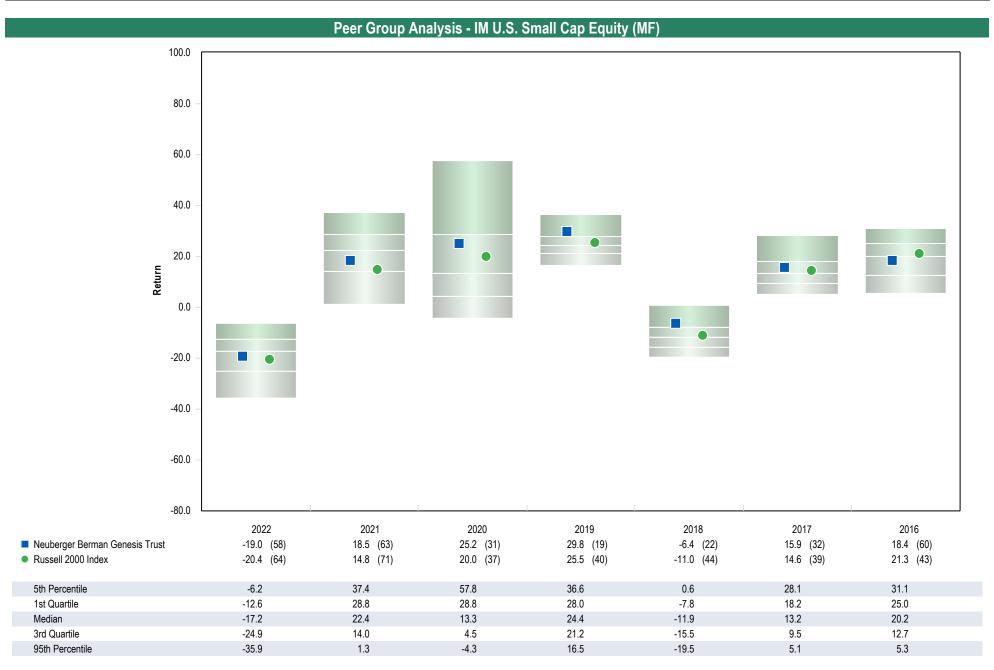


^{*} Quarterly periodicity used.

As of June 30, 2023



As of June 30, 2023



Fund Information

Fund Name: Neuberger Berman Equity Funds: Neuberger Berman Genesis Fund; Class R6 Shares

Fund Family: Neuberger Berman

Ticker: NRGSX

Inception Date: 03/15/2013 Fund Assets: \$4.660 Million

Portfolio Turnover: 12%

Portfolio Assets : \$10,223 Million
Portfolio Manager : Team Managed

PM Tenure:

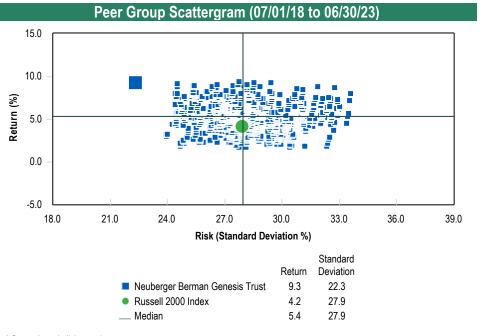
Fund Style: IM U.S. Small Cap Equity (MF)

Style Benchmark: Russell 2000 Index

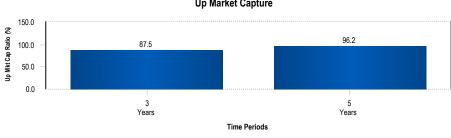
Fund Investment Policy

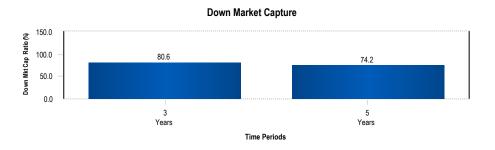
The Fund seeks capital appreciation through investment in common stock of companies with small market capitalization, which it defines as those with a total market value of no more than \$1.5 billion at the time the Fund first invests in them.

			Historica	al Statistics	(07/01/18	- 06/30/23) *				
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date
Neuberger Berman Genesis Trust	9.3	22.3	0.4	5.4	0.8	0.9	9.1	0.4	22.4	05/01/2001
Russell 2000 Index	4.2	27.9	0.2	0.0	1.0	1.0	0.0		28.0	05/01/2001
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	28.0	-0.2	0.0	05/01/2001

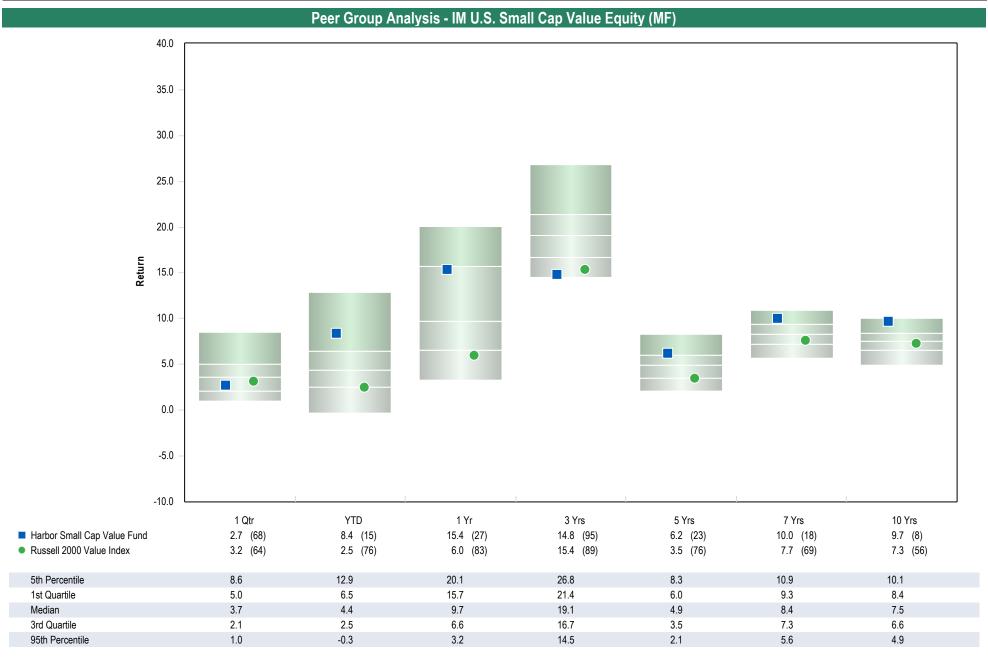


Up Down Market Capture Up Market Capture

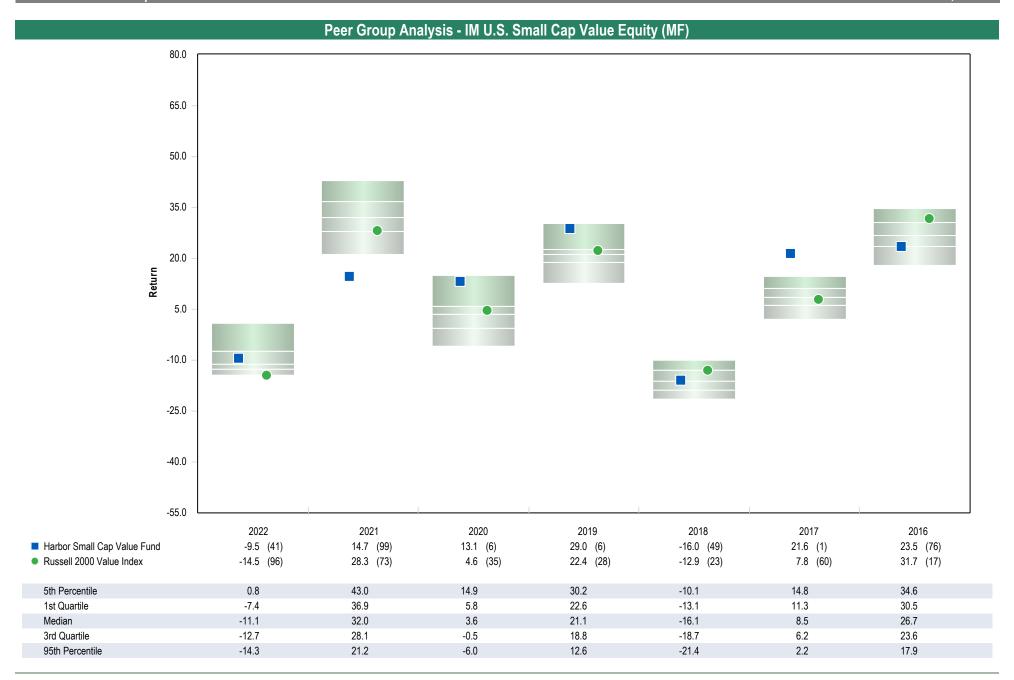




^{*} Quarterly periodicity used.



Harbor Small Cap Value Fund



Harbor Small Cap Value Fund

As of June 30, 2023

Fund Information

Fund Name: Harbor Funds: Harbor Small Cap Value Fund; Institutional Class Shares

Fund Family: Harbor Funds
Ticker: HASCX
Inception Date: 12/14/2001

Fund Assets: \$1.552 Million

Portfolio Turnover: 15%

Portfolio Assets: \$2,240 Million
Portfolio Manager: Paul E. Viera
PM Tenure: 2001

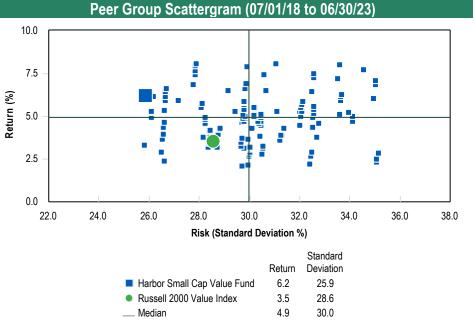
Fund Style: IM U.S. Small Cap Value Equity (MF)

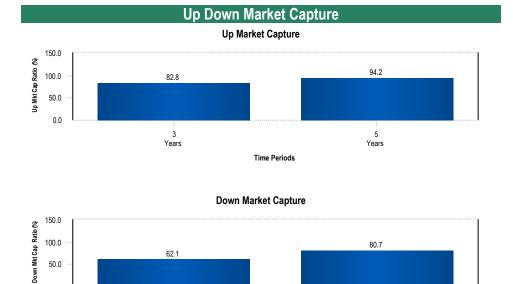
Style Benchmark: Russell 2000 Value Index

Fund Investment Policy

The Fund seeks long-term total return. The Fund invests primarily in equity securities, principally common and preferred stocks, of small cap companies. Small cap companies as those with market capitalizations that fall within the range of the Russell 2000 Index.

	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
Harbor Small Cap Value Fund	6.2	25.9	0.3	2.7	0.9	1.0	6.5	0.3	26.0	01/01/2002				
Russell 2000 Value Index	3.5	28.6	0.2	0.0	1.0	1.0	0.0		28.7	01/01/2002				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.1	28.7	-0.2	0.0	01/01/2002				





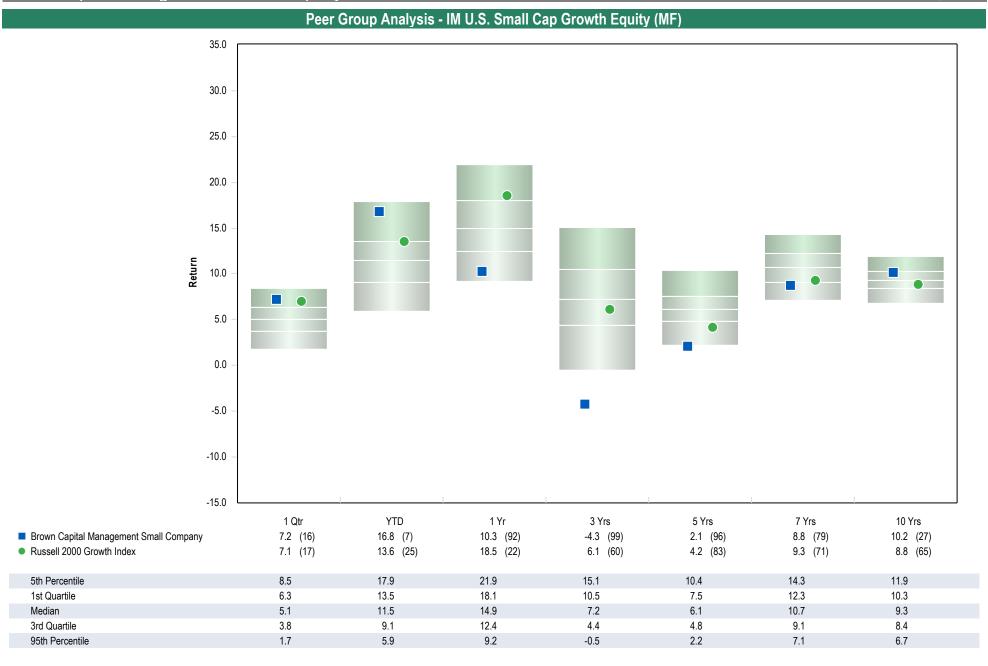
Time Periods

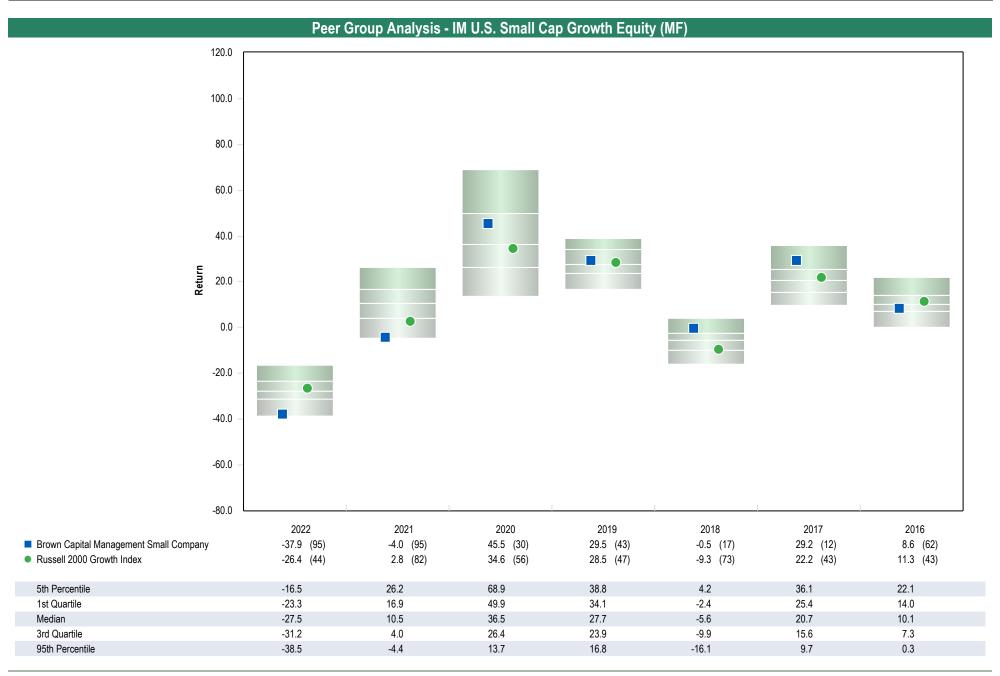
Years





Years





Ticker:

Fund Information

Fund Name: Brown Capital Management Mutual Funds: Brown Capital Management Small Company Portfolio Assets: \$3,674 Million

Fund; Institutional Share

Fund Family: Brown Capital Portfolio Manager: Team Managed

BCSSX PM Tenure:

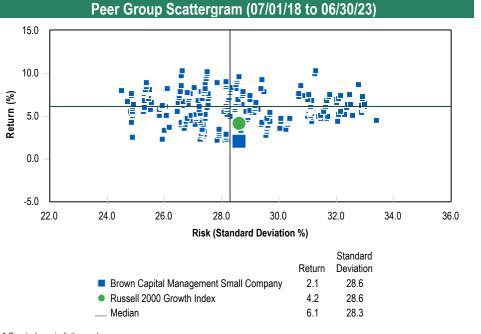
Inception Date: 12/15/2011 Fund Style: IM U.S. Small Cap Growth Equity (MF)

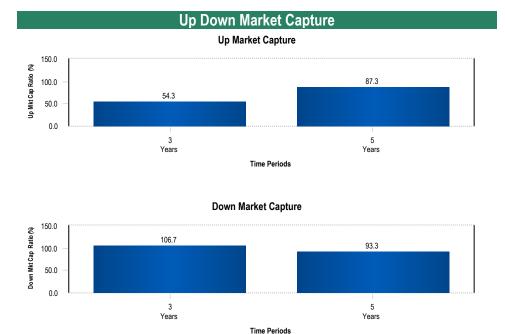
Fund Assets: \$2,834 Million Style Benchmark: Russell 2000 Growth Index

Fund Investment Policy

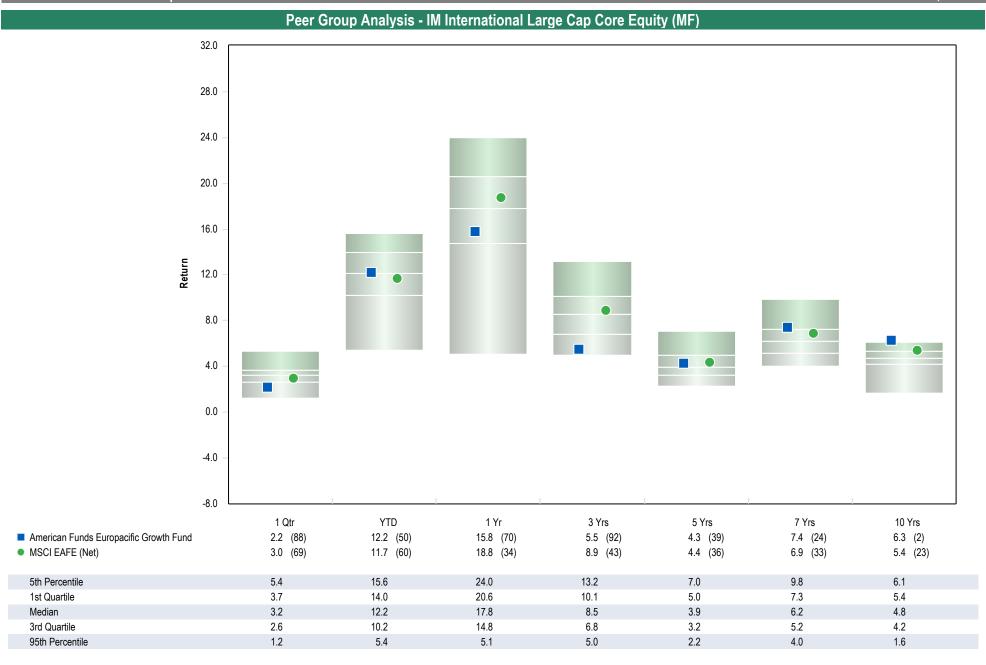
The Fund seeks long-term capital appreciation and current income is a secondary consideration in selecting portfolio investments. The Fund invests primarily in a portfolio of equity securities of companies that have a market capitalization of between \$1 billion and \$10 billion at the time of purchase.

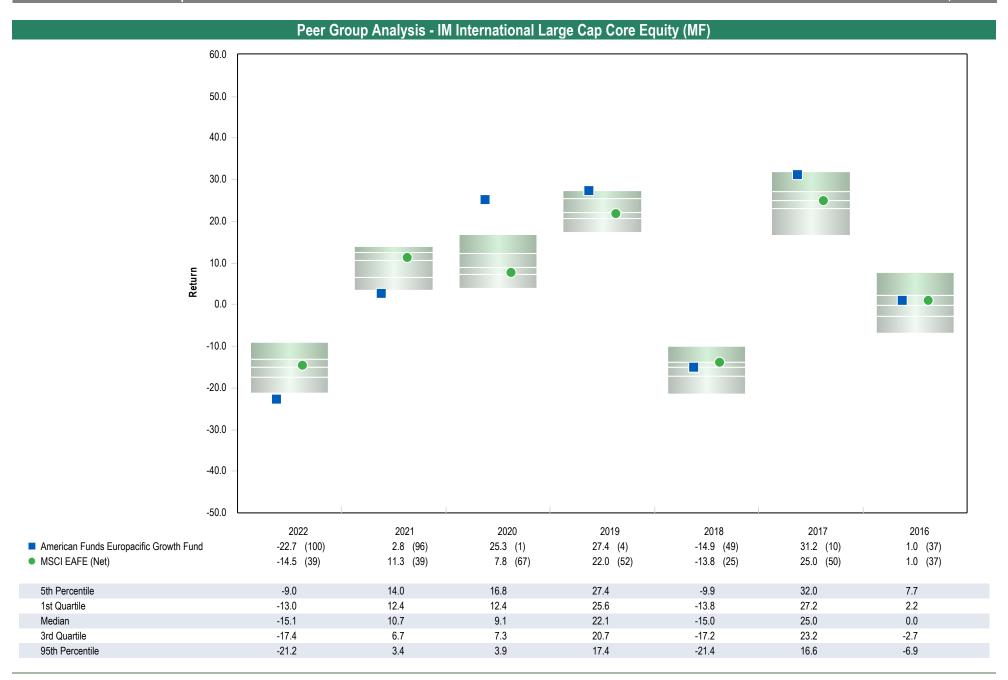
Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date		
Brown Capital Management Small Company	2.1	28.6	0.2	-1.5	0.9	0.9	10.7	-0.2	28.6	09/01/1999		
Russell 2000 Growth Index	4.2	28.6	0.2	0.0	1.0	1.0	0.0		28.7	09/01/1999		
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	28.7	-0.2	0.0	09/01/1999		





^{*} Quarterly periodicity used.





Fund Name: EuroPacific Growth Fund; Class R6 Shares

Fund Family: Capital Group/American Funds

Ticker: RERGX

Inception Date: 05/01/2009

Fund Assets: \$64,712 Million

Portfolio Turnover: 34%

Portfolio Assets : \$133,394 Million
Portfolio Manager : Team Managed

PM Tenure:

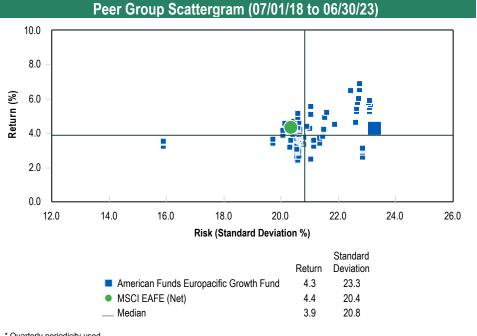
Fund Style: IM International Large Cap Core Equity (MF)

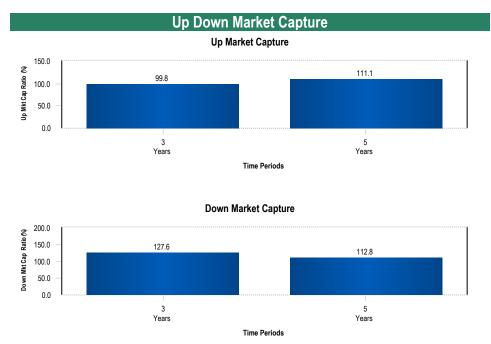
Style Benchmark: MSCI EAFE (Net)

Fund Investment Policy

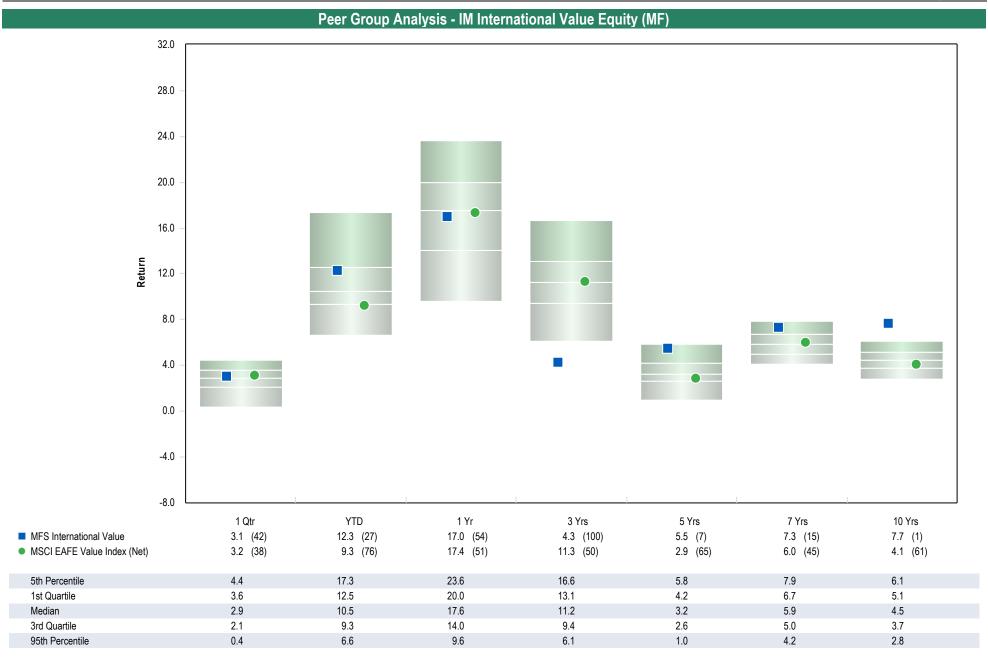
The Fund seeks to provide long-term growth of capital. The Fund will invest its net assets in securities of issuers in Europe and the Pacific Basin. It will be considered part of Europe if it is part of the MSCI European indexes, and part of the Pacific Basin if any of its borders touches the Pacific Ocean.

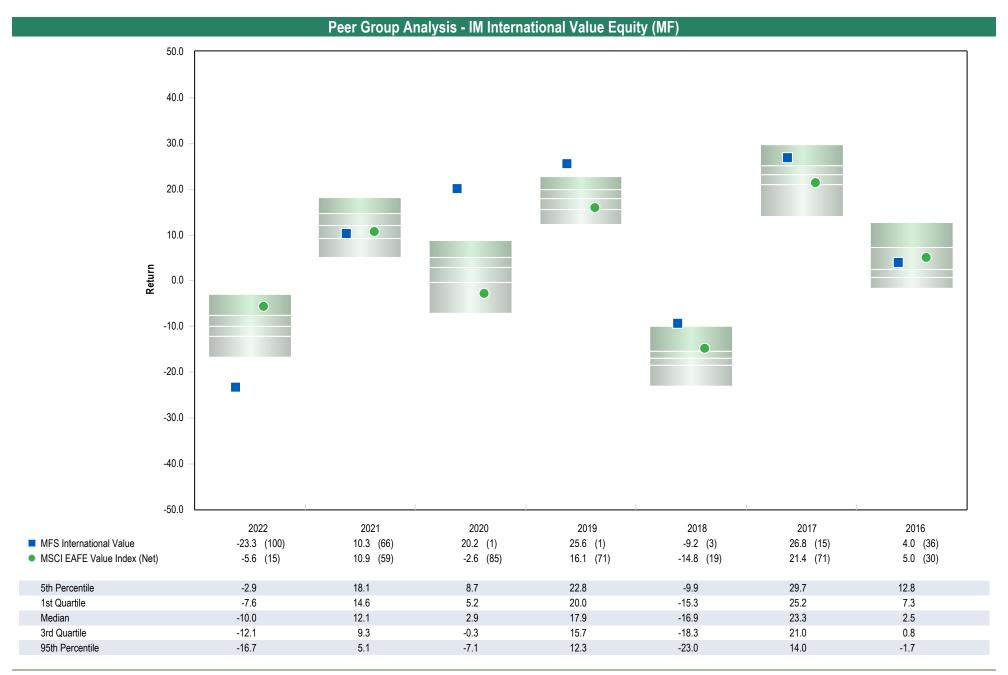
	Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date			
American Funds Europacific Growth Fund	4.3	23.3	0.2	-0.2	1.1	0.9	6.5	0.1	23.3	07/01/2002			
MSCI EAFE (Net)	4.4	20.4	0.2	0.0	1.0	1.0	0.0		20.3	07/01/2002			
90 Day U.S. Treasury Bill	1.6	0.7		1.5	0.0	0.0	20.3	-0.2	0.0	07/01/2002			





^{*} Quarterly periodicity used.





MFS International Value As of June 30, 2023

Fund Information

Fund Name: MFS Series Trust X: MFS International Intrinsic Value Fund; Class R3 Shares

Fund Family: MFS
Ticker: MINGX

Inception Date: 10/01/2008 Fund Assets: \$1,010 Million

Portfolio Turnover: 10%

Portfolio Assets: \$21,843 Million
Portfolio Manager: Stone/Evans
PM Tenure: 2008--2020

Fund Style: IM International Value Equity (MF)
Style Benchmark: MSCI EAFE Value Index (Net)

Fund Investment Policy

The Fund seeks capital appreciation and current income by investing, under normal conditions, at least 65 percent of its total assets in equity and fixed income securities of issuers whose principal activities are outside the U.S.

	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
MFS International Value	5.5	18.4	0.3	3.5	0.7	0.7	12.6	0.1	18.4	06/01/2006				
MSCI EAFE Value Index (Net)	2.9	21.5	0.2	0.0	1.0	1.0	0.0		21.5	06/01/2006				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	21.5	-0.2	0.0	06/01/2006				

Peer Group Scattergram (07/01/18 to 06/30/23) 8.0 6.0 Return (%) 2.0 0.0 -2.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 Risk (Standard Deviation %) Standard Return Deviation MFS International Value 18.4 MSCI EAFE Value Index (Net) 2.9 21.5

3.2

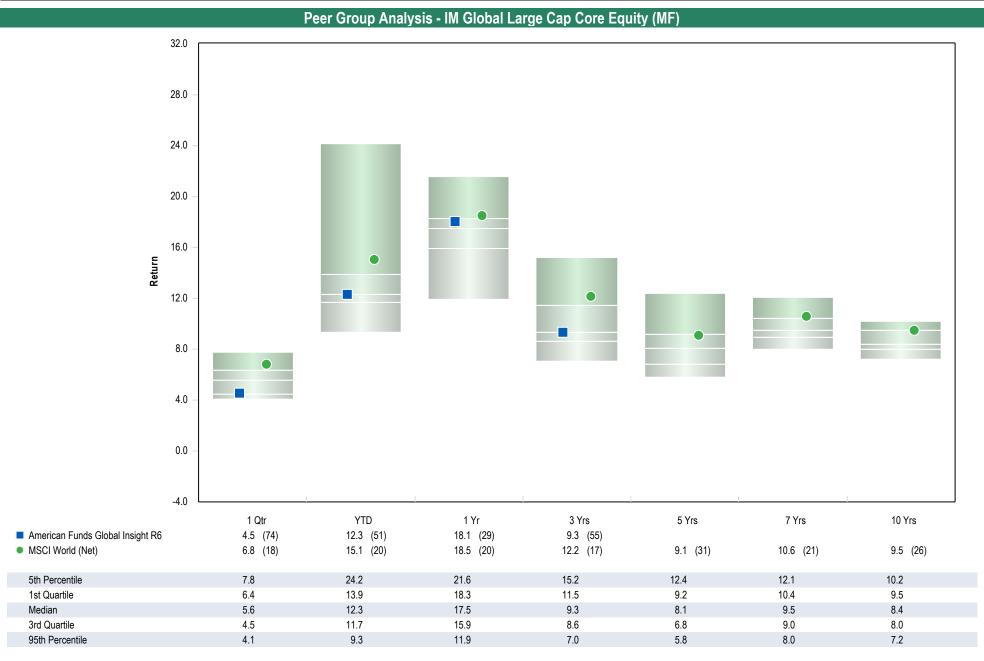
22.5

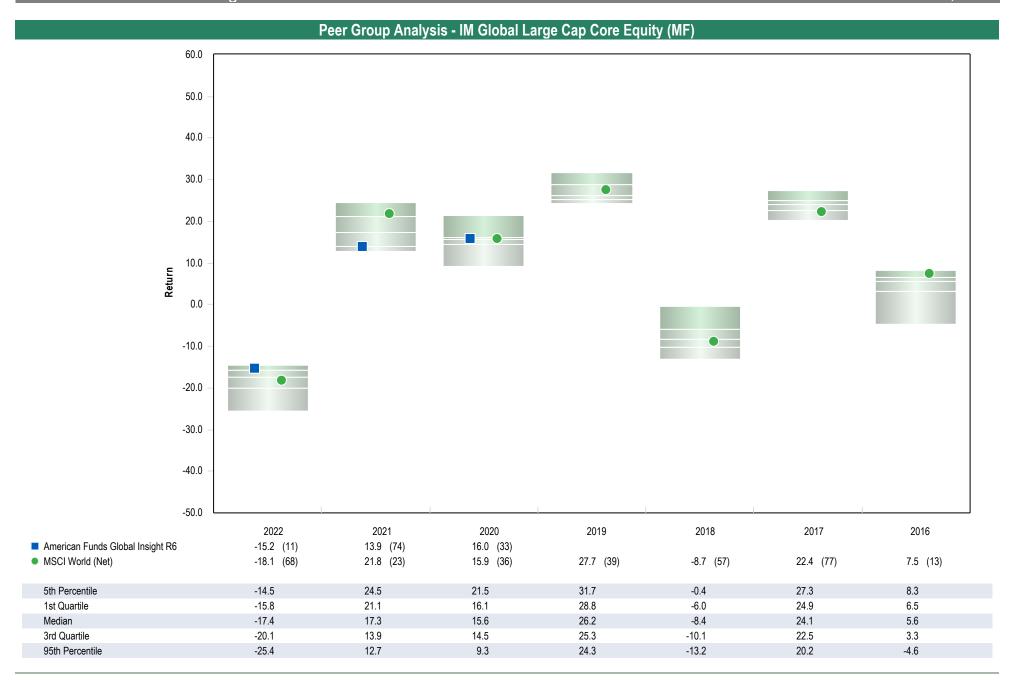
Up Down Market Capture Up Market Capture 150.0 Up Mkt Cap Ratio 91.2 100.0 67.5 50.0 0.0 3 Years Years Time Periods **Down Market Capture** 150.0 Down Mkt Cap Ratio (%) 101.1 100.0 74.0 50.0 3 Years Years Time Periods

___ Median

^{*} Quarterly periodicity used.

As of June 30, 2023





Fund Name: American Funds Global Insight Fund; Class R-6 Shares

Fund Family: Capital Group/American Funds

Ticker: RGLGX

Inception Date: 11/08/2019
Fund Assets: \$7.753 Million

Portfolio Turnover: 20%

Portfolio Assets : \$9,329 Million
Portfolio Manager : Team Managed

PM Tenure:

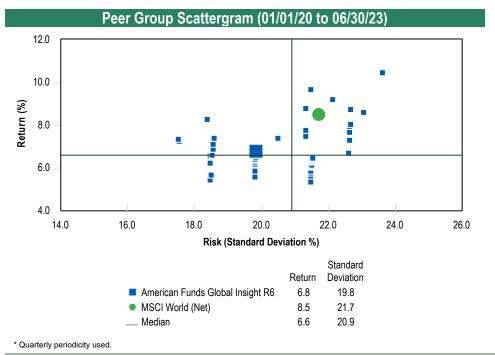
Fund Style: IM Global Large Cap Core Equity (MF)

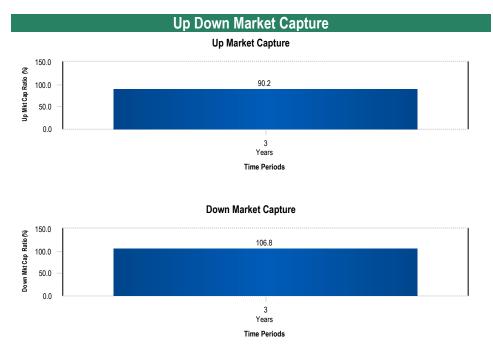
Style Benchmark: MSCI World (Net)

Fund Investment Policy

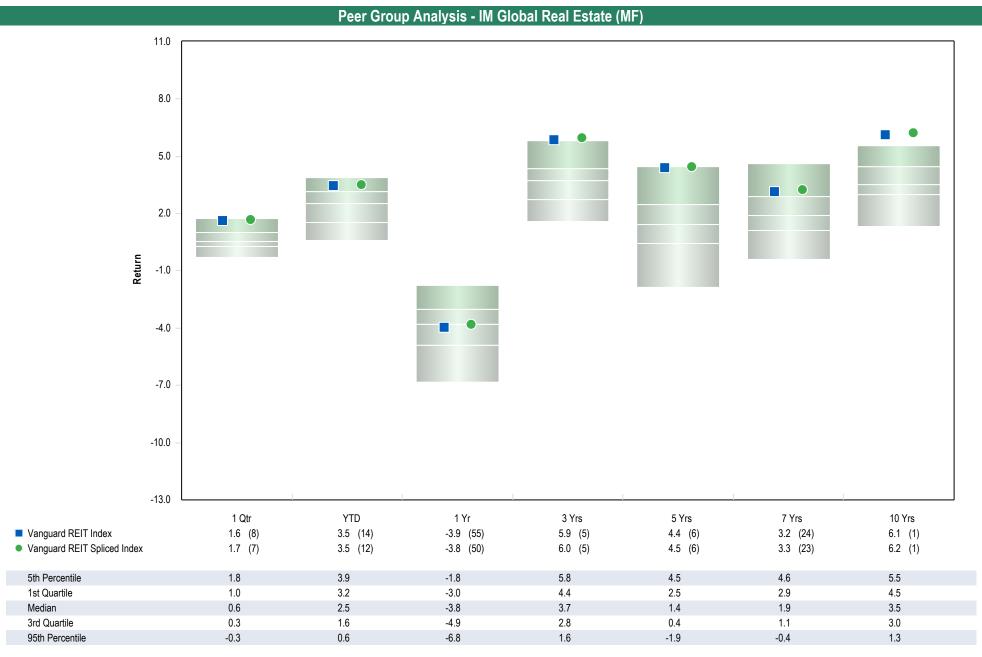
The Fund seeks to provide prudent growth of capital and conservation of principal. The Fund invests in common stocks of issuers around the world that the adviser believes have the potential for growth, many of which have the potential to pay dividends. It will invest at least 80% of net assets in equity-type securities.

	Historical Statistics (12/01/19 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
American Funds Global Insight R6										12/01/2019				
MSCI World (Net)	10.3	21.2	0.5	0.0	1.0	1.0	0.0		21.2	12/01/2019				
90 Day U.S. Treasury Bill	1.3	0.8		1.3	0.0	0.0	21.2	-0.5	0.0	12/01/2019				

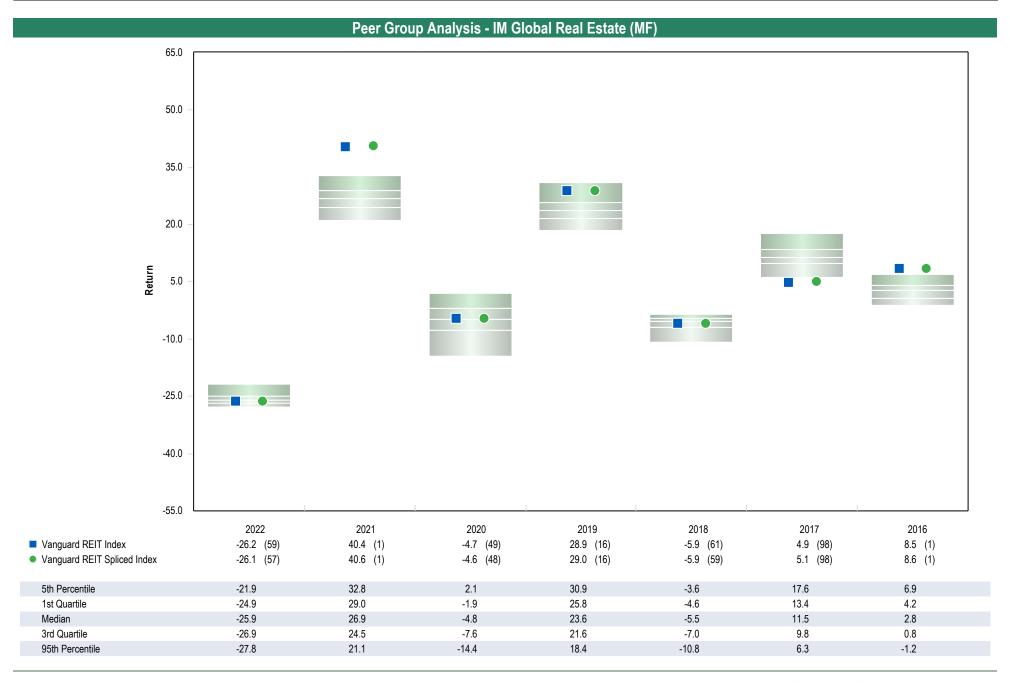




[→] Segal Marco Advisors



Vanguard REIT Index



Vanguard REIT Index As of June 30, 2023

Fund Information

Fund Name: Vanguard Specialized Funds: Vanguard Real Estate Index Fund; Admiral Shares

Fund Family: Vanguard
Ticker: VGSLX
Inception Date: 11/12/2001

Inception Date: 11/12/2001 Fund Assets: \$19,258 Million

Portfolio Turnover: 7%

Portfolio Assets: \$62,436 Million
Portfolio Manager: O'Reilly/Nejman
PM Tenure: 2001--2016

Fund Style: IM Global Real Estate (MF)
Style Benchmark: Vanguard REIT Spliced Index

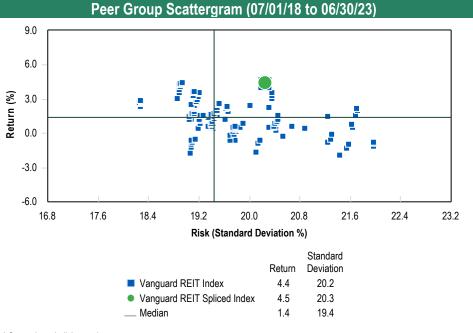
Fund Investment Policy

The Fund seeks to provide a high level of income and moderate long-term capital appreciation by tracking the performance of a benchmark index that measures the performance of publicly traded equity REITs and other real estate-related investments. The Fund employs indexing to track the performance of the Index.

	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
Vanguard REIT Index	4.4	20.2	0.2	-0.1	1.0	1.0	0.0	-2.6	20.4	12/01/2001				
Vanguard REIT Spliced Index	4.5	20.3	0.2	0.0	1.0	1.0	0.0		20.4	12/01/2001				
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	20.4	-0.2	0.0	12/01/2001				

0.00 Mkt Cap Ratio

0.0

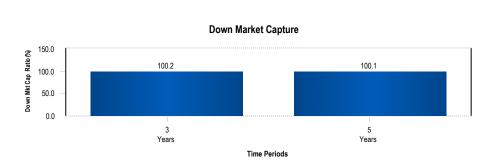


Up Down Market Capture Up Market Capture

99.5

3

Years



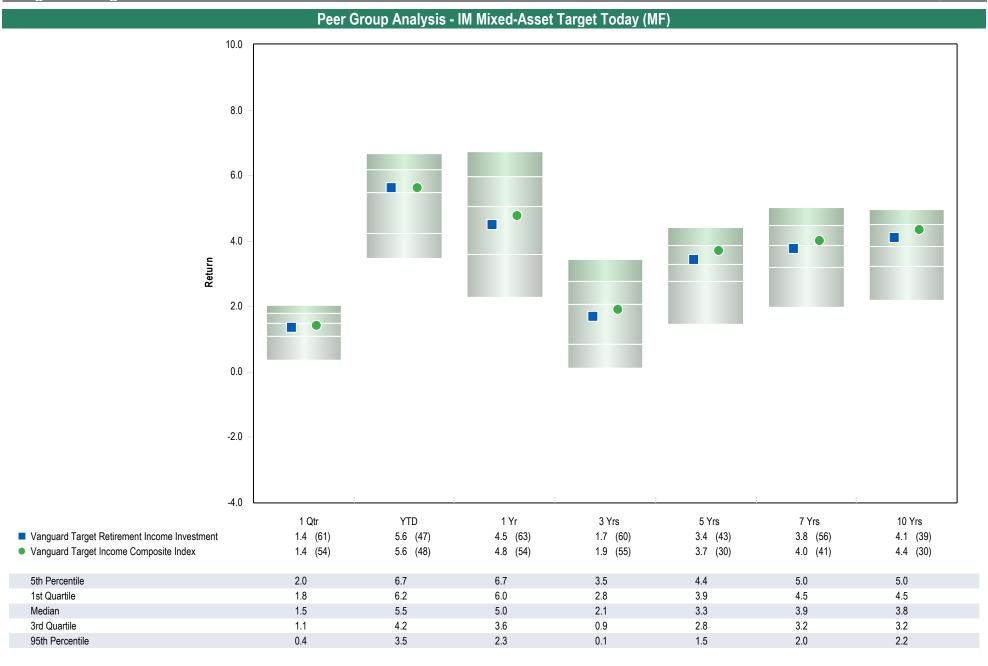
Time Periods

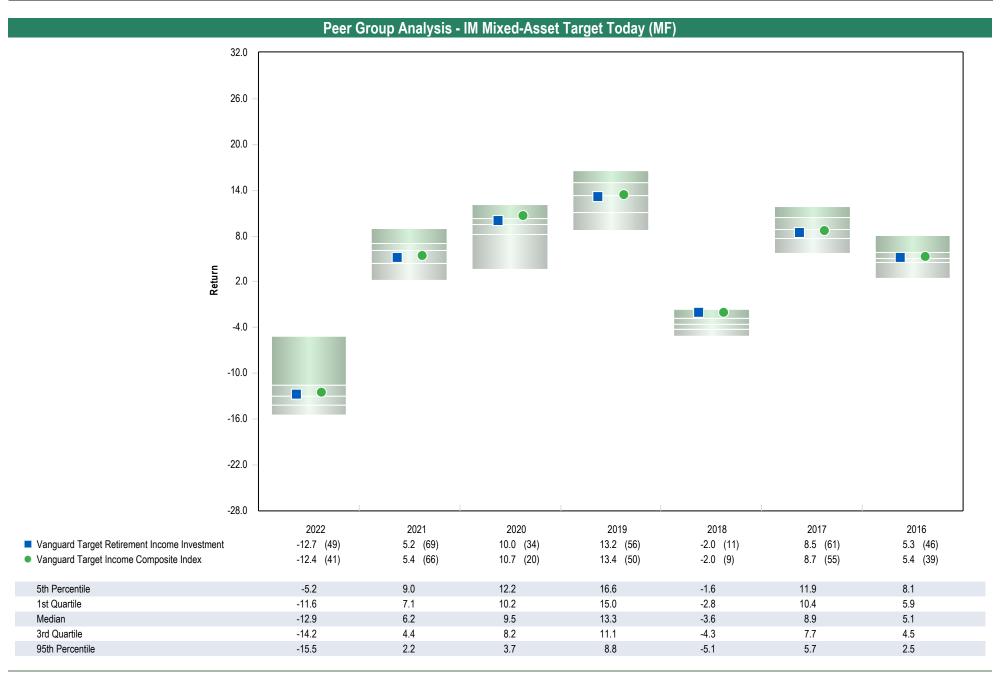
99.6

5

Years

^{*} Quarterly periodicity used.





Fund Name: Vanguard Chester Funds: Vanguard Target Retirement Income Fund; Investor Class Portfolio Assets: \$36,709 Million

Shares

Fund Family: Vanguard Portfolio Manager: Team Managed

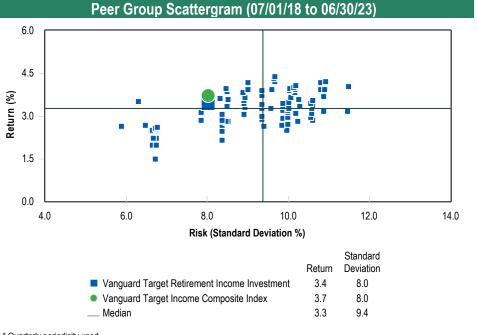
Ticker: VTINX PM Tenure:

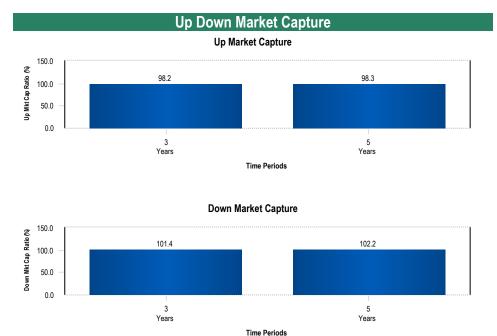
Inception Date : 10/27/2003 Fund Style : IM Mixed-Asset Target Today (MF)
Fund Assets : \$36,709 Million Style Benchmark : Vanguard Target Income Composite Index

Fund Investment Policy

The Fund seeks to provide current income and some capital appreciation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors currently in retirement.

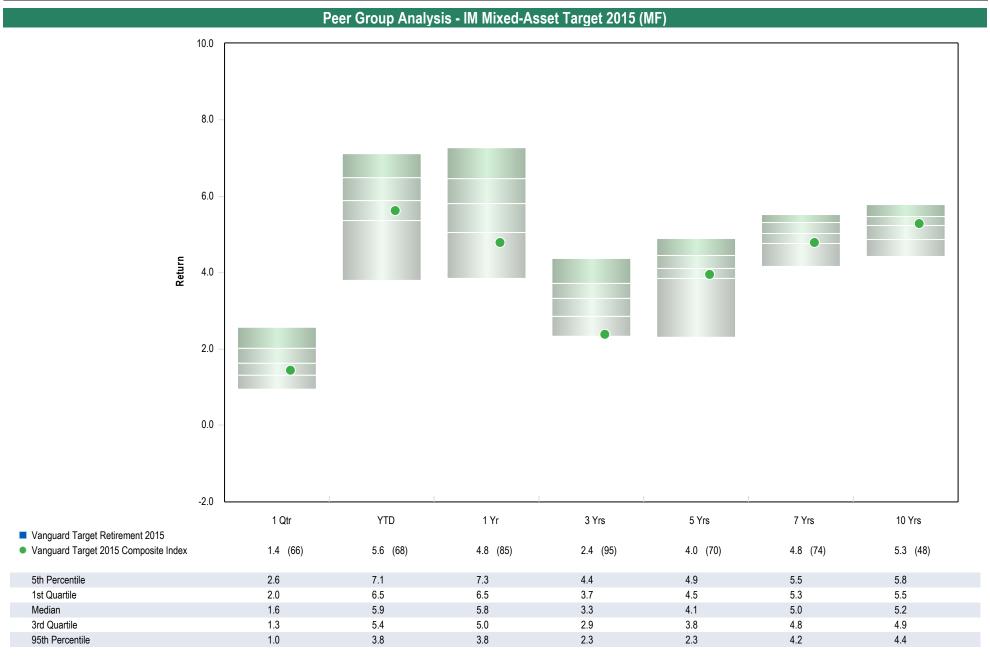
	Historical Statistics (07/01/18 - 06/30/23) *													
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date				
Vanguard Target Retirement Income Investment	3.4	8.0	0.3	-0.3	1.0	1.0	0.2	-1.2	8.0	11/01/2003				
Vanguard Target Income Composite Index	3.7	8.0	0.3	0.0	1.0	1.0	0.0		8.0	11/01/2003				
90 Day U.S. Treasury Bill	1.6	0.7		1.5	0.0	0.0	8.0	-0.3	0.0	11/01/2003				

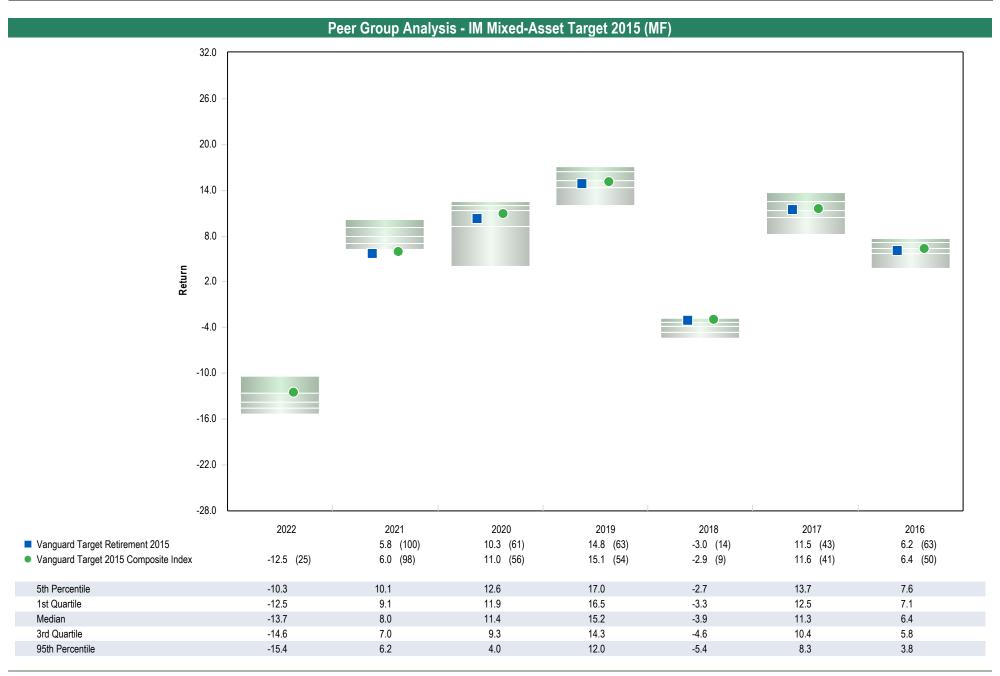




^{*} Quarterly periodicity used

As of June 30, 2023





Fund Name: Vanguard Chester Funds: Vanguard Target Retirement 2015 Fund; Investor Class Shares Portfolio Assets: \$19,153 Million
Fund Family: Vanguard Target Retirement 2015 Fund; Investor Class Shares Portfolio Assets: \$19,153 Million

VTXVX PM Tenure :

Inception Date: 10/27/2003 Fund Style: IM Mixed-Asset Target 2015 (MF)
Fund Assets: \$19,153 Million Style Benchmark: Vanguard Target 2015 Composite Index

Portfolio Turnover: 4%

Ticker:

Fund Investment Policy

The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2015.

Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date		
Vanguard Target Retirement 2015										11/01/2003		
Vanguard Target 2015 Composite Index	4.0	8.9	0.3	0.0	1.0	1.0	0.0		8.9	11/01/2003		
90 Day U.S. Treasury Bill	1.6	0.7		1.5	0.0	0.0	8.9	-0.3	0.0	11/01/2003		

5.6 4.8 Return (%) 3.2 2.4 1.6 7.7 8.4 9.1 9.8 10.5 11.2 11.9 12.6 13.3 Risk (Standard Deviation %)

Peer Group Scattergram (07/01/18 to 06/30/23)

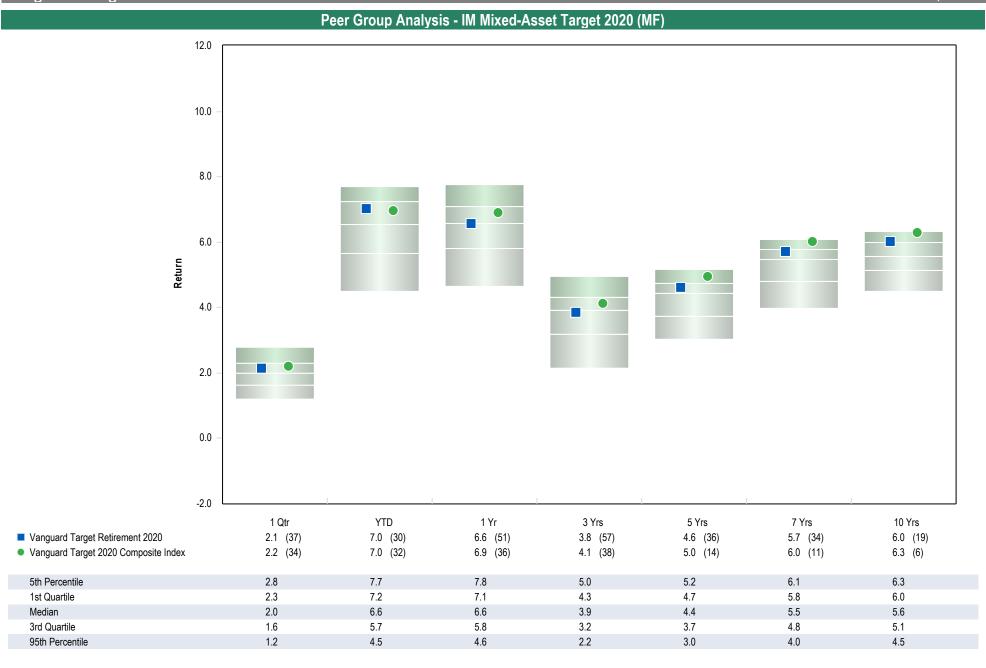


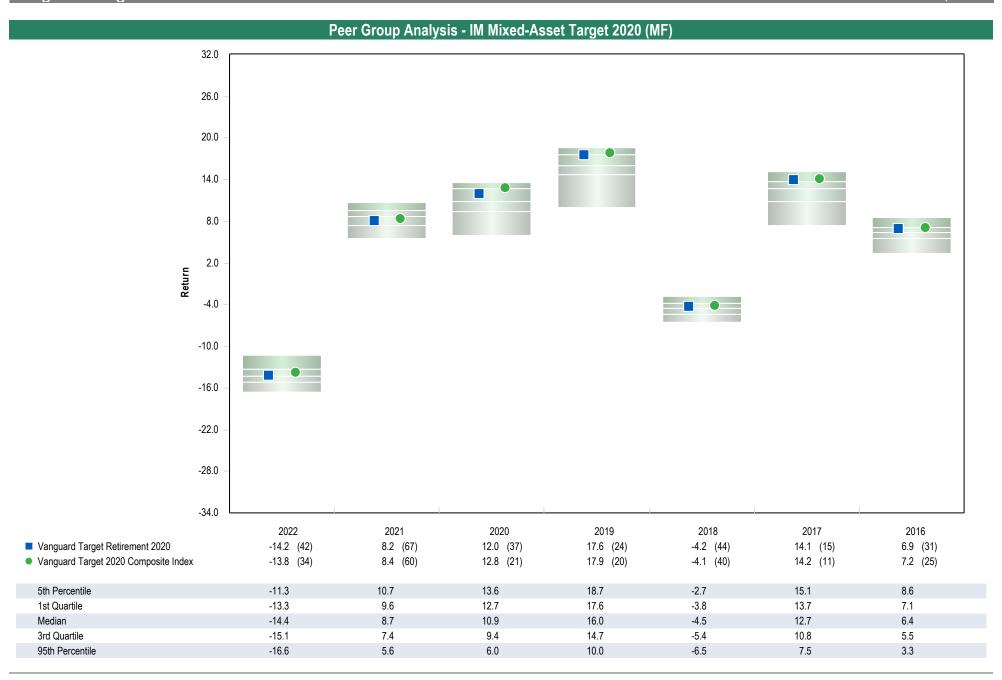
^{*} Quarterly periodicity used.

Up Down Market Capture

No data found.







Vanguard Chester Funds: Vanguard Target Retirement 2020 Fund; Investor Class Shares Portfolio Assets: Fund Name: \$39,666 Million Fund Family: Vanguard Portfolio Manager: Team Managed

VTWNX Ticker: PM Tenure:

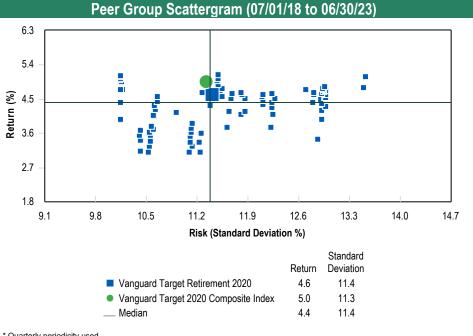
06/07/2006 Fund Style: IM Mixed-Asset Target 2020 (MF) Inception Date: Fund Assets: \$39,666 Million Style Benchmark: Vanguard Target 2020 Composite Index

Portfolio Turnover: 14%

Fund Investment Policy

The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2020.

	Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date			
Vanguard Target Retirement 2020	4.6	11.4	0.3	-0.4	1.0	1.0	0.2	-1.3	11.4	07/01/2006			
Vanguard Target 2020 Composite Index	5.0	11.3	0.3	0.0	1.0	1.0	0.0		11.3	07/01/2006			
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	11.3	-0.3	0.0	07/01/2006			



Up Down Market Capture Up Market Capture 150.0 98.9 99.0 Up Mkt Cap Ratio 100.0 50.0 0.0 3 Years Years Time Periods **Down Market Capture** 150.0 Down Mkt Cap Ratio (%) 102.1 102.6 100.0 50.0

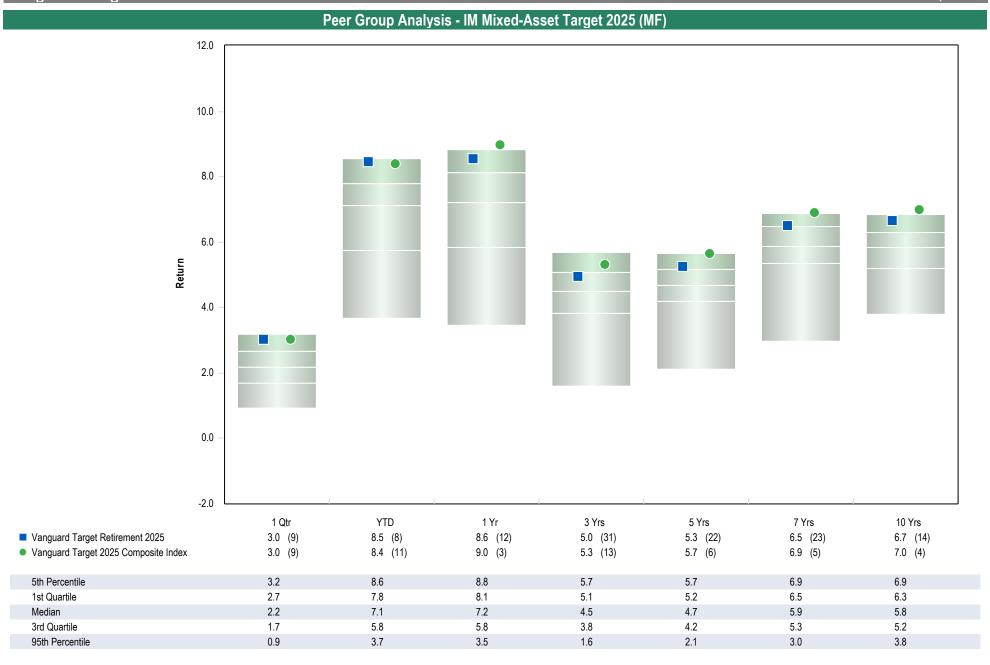
Time Periods

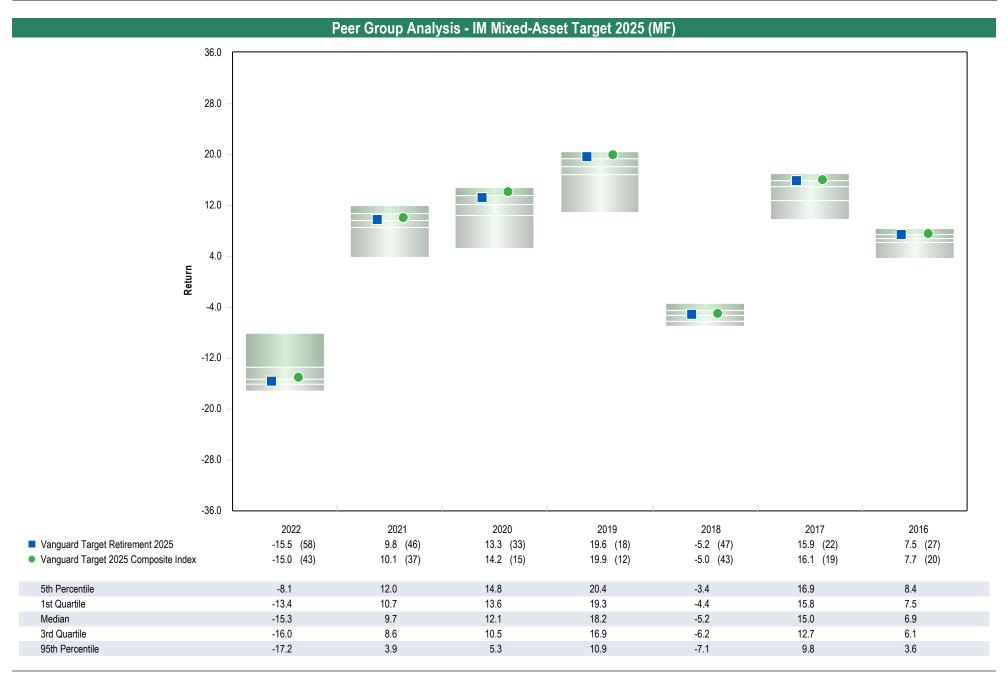
3

Years

Years

^{*} Quarterly periodicity used.





Fund Name : Vanguard Chester Funds: Vanguard Target Retirement 2025 Fund; Investor Class Shares Portfolio Assets : \$73,722 Million Fund Family : Vanguard Vanguard Portfolio Manager : Team Managed

Ticker: VTTVX PM Tenure:

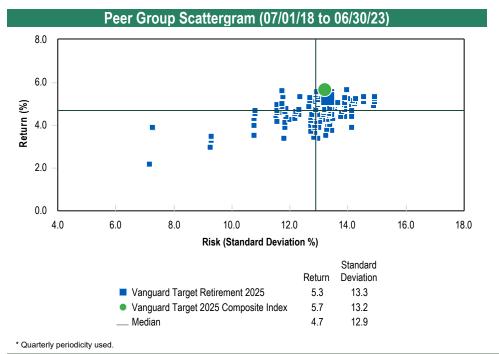
Inception Date: 10/27/2003 Fund Style: IM Mixed-Asset Target 2025 (MF)
Fund Assets: \$73,722 Million Style Benchmark: Vanguard Target 2025 Composite Index

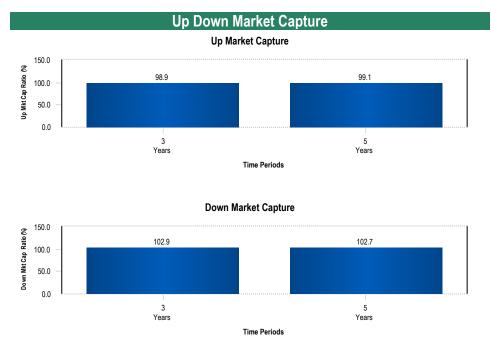
Portfolio Turnover: 14%

Fund Investment Policy

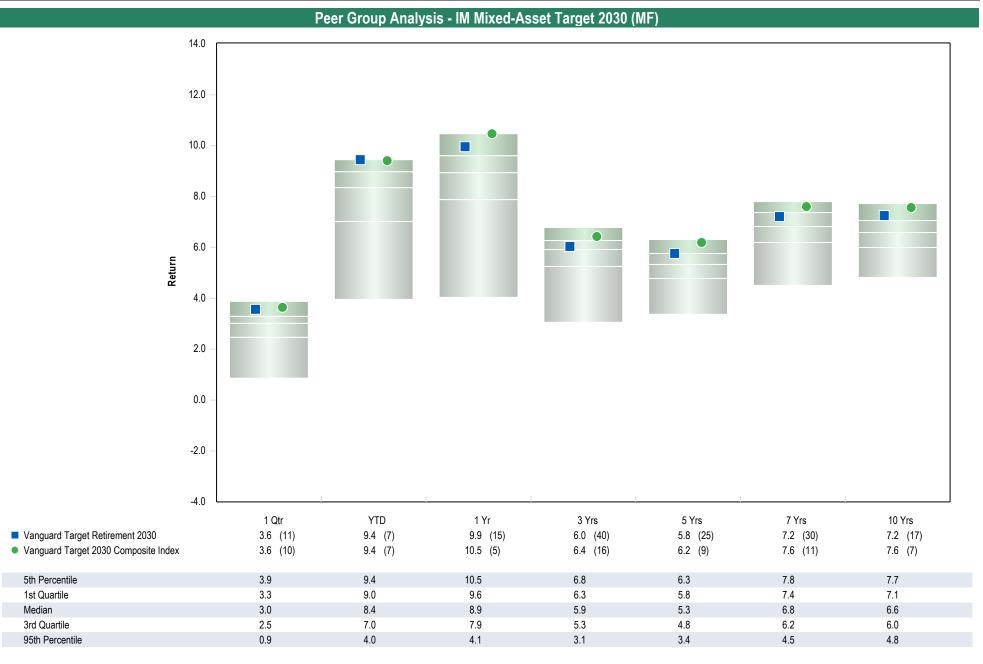
The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2025.

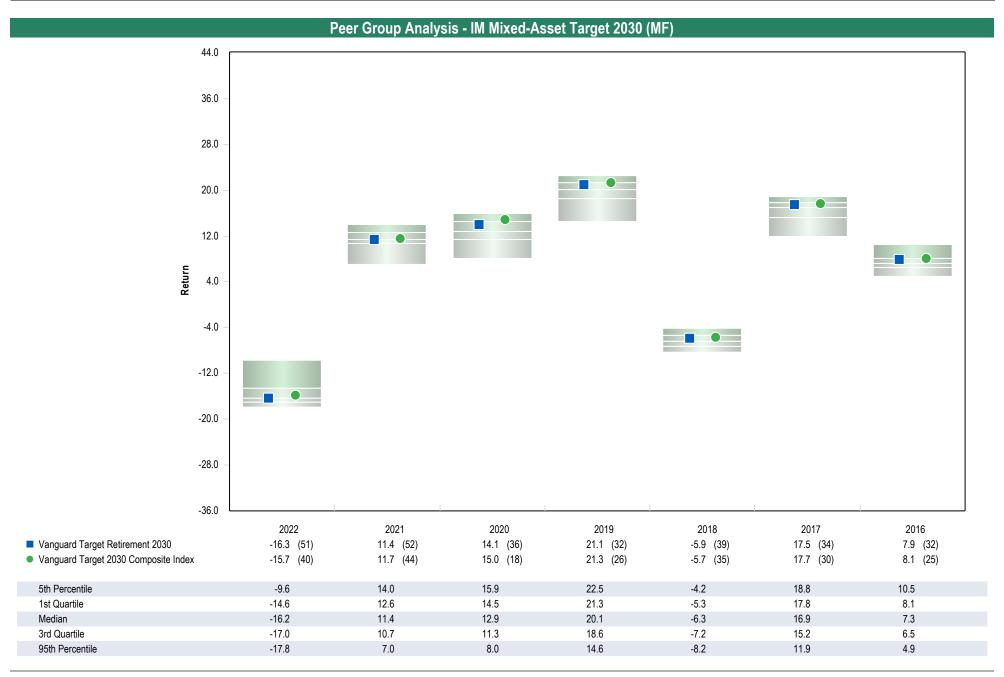
	Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date			
Vanguard Target Retirement 2025	5.3	13.3	0.3	-0.4	1.0	1.0	0.3	-1.4	13.3	11/01/2003			
Vanguard Target 2025 Composite Index	5.7	13.2	0.4	0.0	1.0	1.0	0.0		13.2	11/01/2003			
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	13.2	-0.4	0.0	11/01/2003			





[→] Segal Marco Advisors





Fund Name: Vanguard Chester Funds: Vanguard Target Retirement 2030 Fund; Investor Class Shares Portfolio Assets: \$81,075 Million Fund Family: Vanguard Vanguard Portfolio Manager: Team Managed

Ticker: VTHRX PM Tenure:

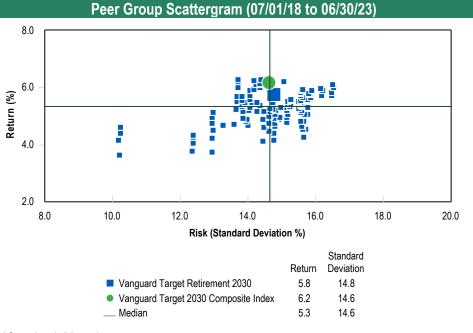
Inception Date: 06/07/2006 Fund Style: IM Mixed-Asset Target 2030 (MF)
Fund Assets: \$81,075 Million Style Benchmark: Vanguard Target 2030 Composite Index

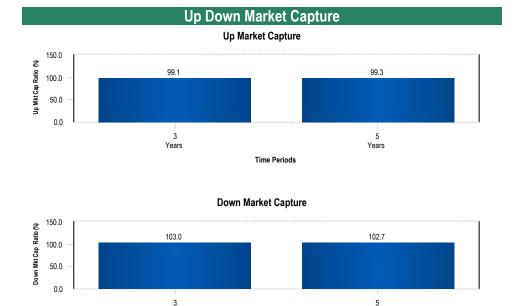
Portfolio Turnover: 11%

Fund Investment Policy

The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2030.

	Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date			
Vanguard Target Retirement 2030	5.8	14.8	0.4	-0.4	1.0	1.0	0.3	-1.2	14.8	07/01/2006			
Vanguard Target 2030 Composite Index	6.2	14.6	0.4	0.0	1.0	1.0	0.0		14.7	07/01/2006			
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	14.7	-0.4	0.0	07/01/2006			



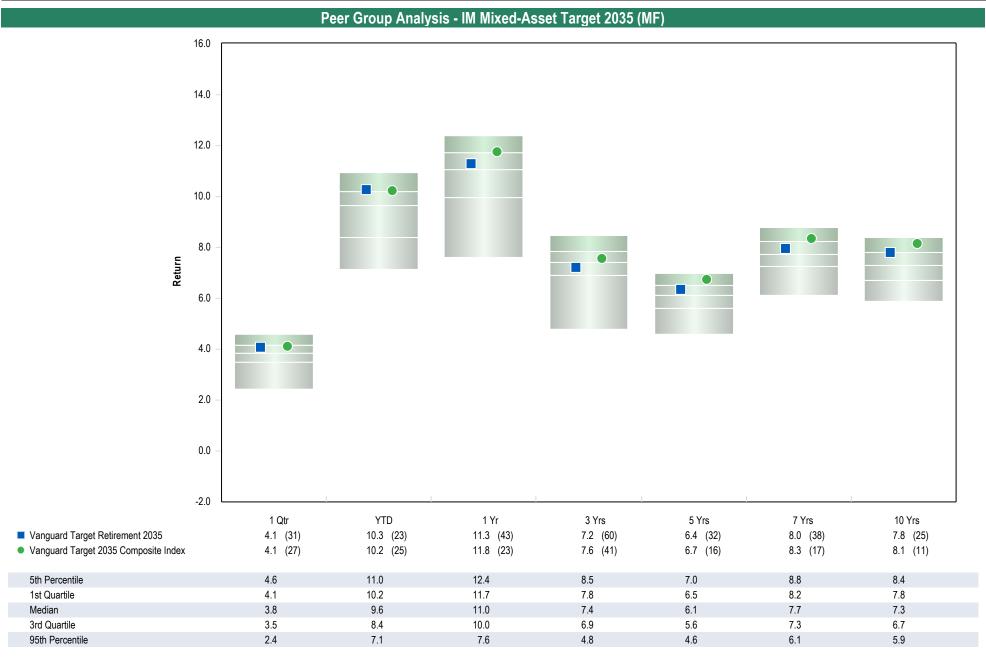


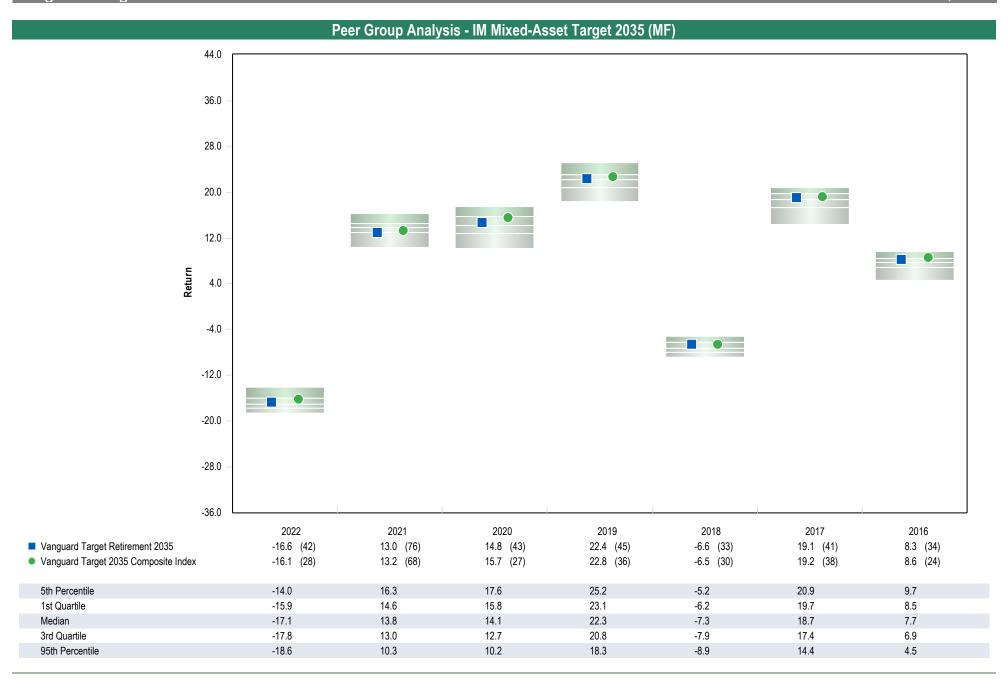
Time Periods

Years

Years

^{*} Quarterly periodicity used.





Fund Name: Vanguard Chester Funds: Vanguard Target Retirement 2035 Fund; Investor Class Shares Portfolio Assets: \$80,998 Million
Fund Family: Vanguard Target Retirement 2035 Fund; Investor Class Shares Portfolio Assets: \$80,998 Million

VTTHX PM Tenure :

Inception Date: 10/27/2003 Fund Style: IM Mixed-Asset Target 2035 (MF)
Fund Assets: \$80,998 Million Style Benchmark: Vanguard Target 2035 Composite Index

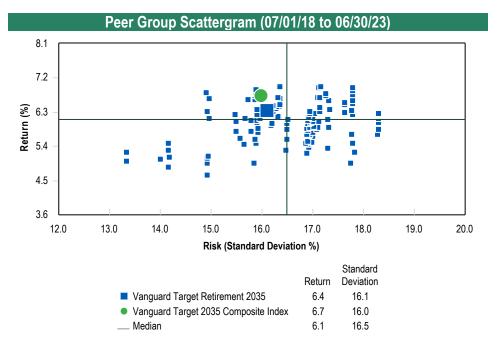
Portfolio Turnover: 9%

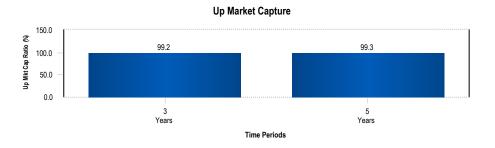
Ticker:

Fund Investment Policy

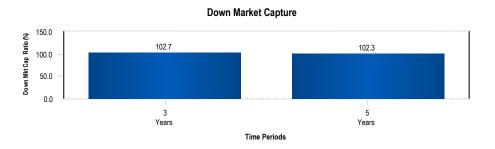
The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2035.

	Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date			
Vanguard Target Retirement 2035	6.4	16.1	0.4	-0.4	1.0	1.0	0.3	-1.1	16.1	11/01/2003			
Vanguard Target 2035 Composite Index	6.7	16.0	0.4	0.0	1.0	1.0	0.0		16.0	11/01/2003			
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	16.0	-0.4	0.0	11/01/2003			

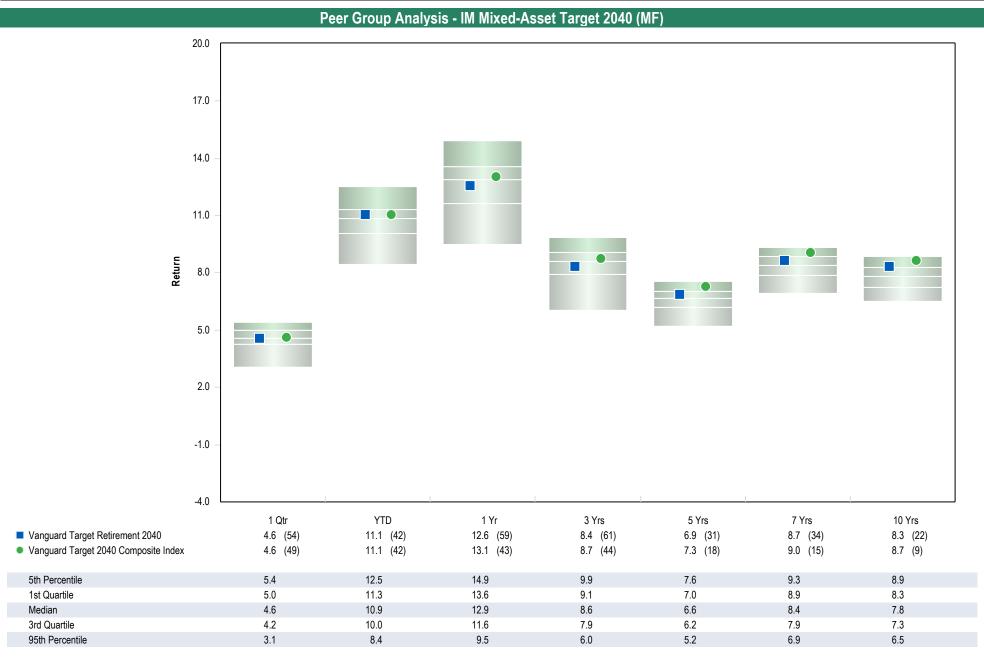


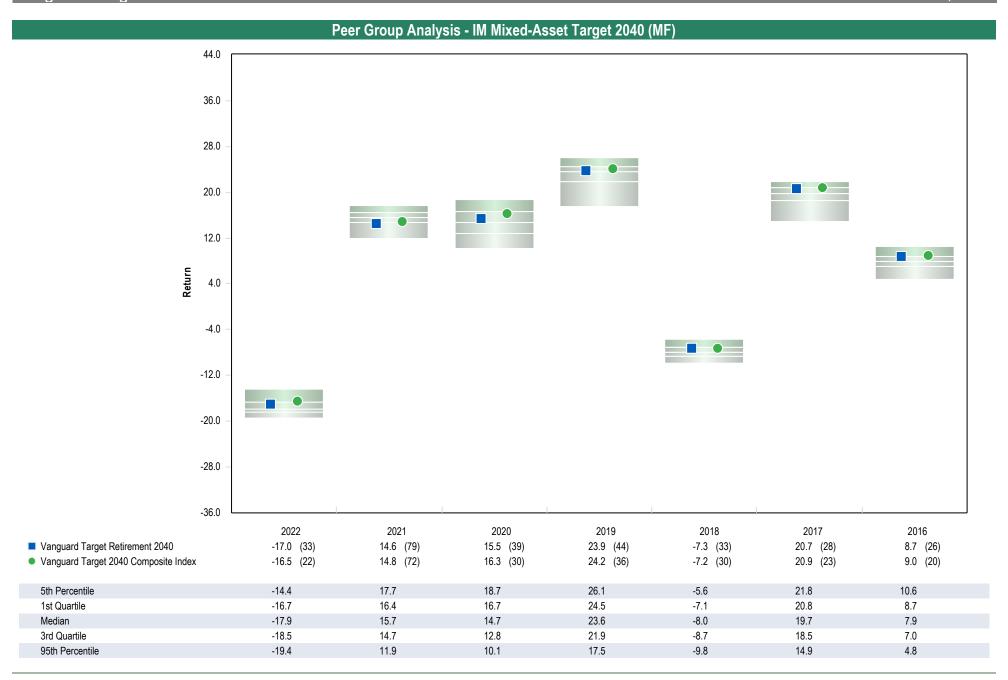


Up Down Market Capture



^{*} Quarterly periodicity used.





Fund Name : Vanguard Chester Funds: Vanguard Target Retirement 2040 Fund; Investor Class Shares Portfolio Assets : \$70,674 Million Fund Family : Vanguard Va

VFORX PM Tenure :

Inception Date: 06/07/2006 Fund Style: IM Mixed-Asset Target 2040 (MF)
Fund Assets: \$70,674 Million Style Benchmark: Vanguard Target 2040 Composite Index

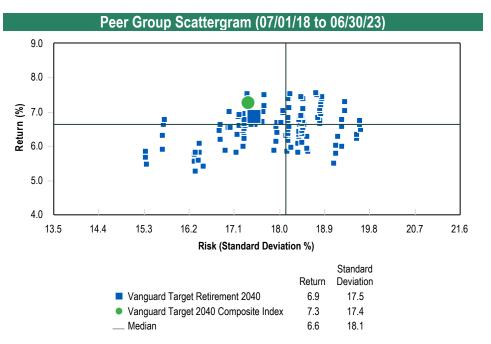
Portfolio Turnover: 7%

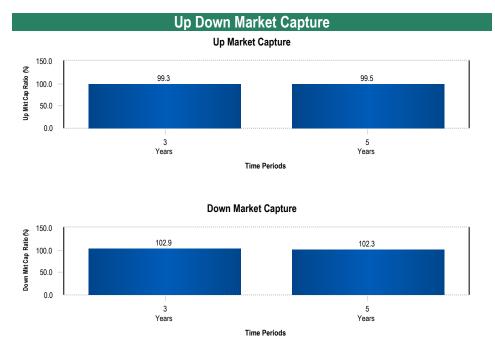
Ticker:

Fund Investment Policy

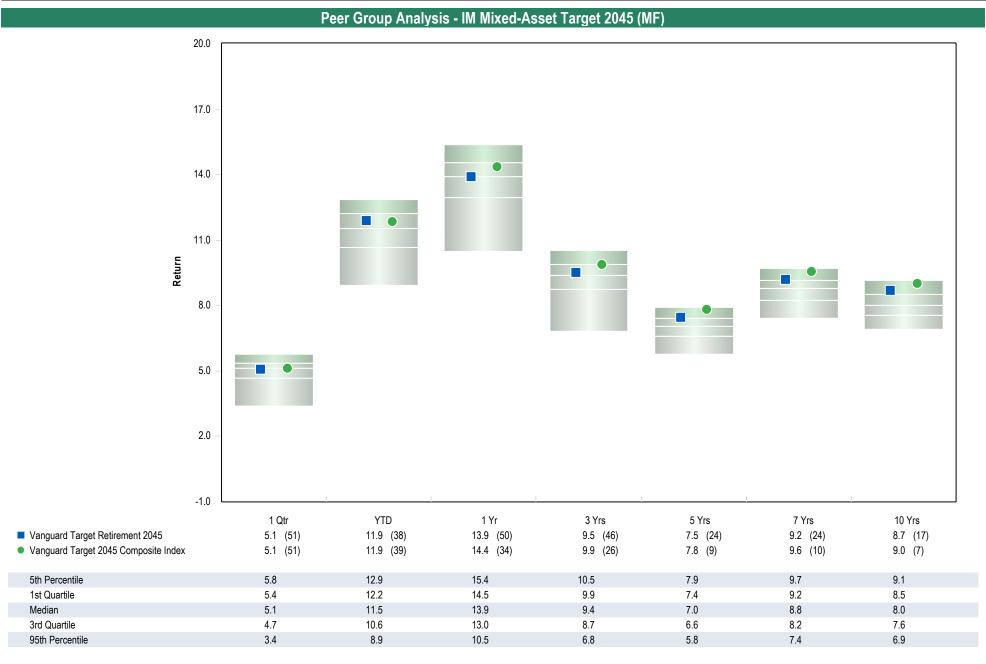
The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2040.

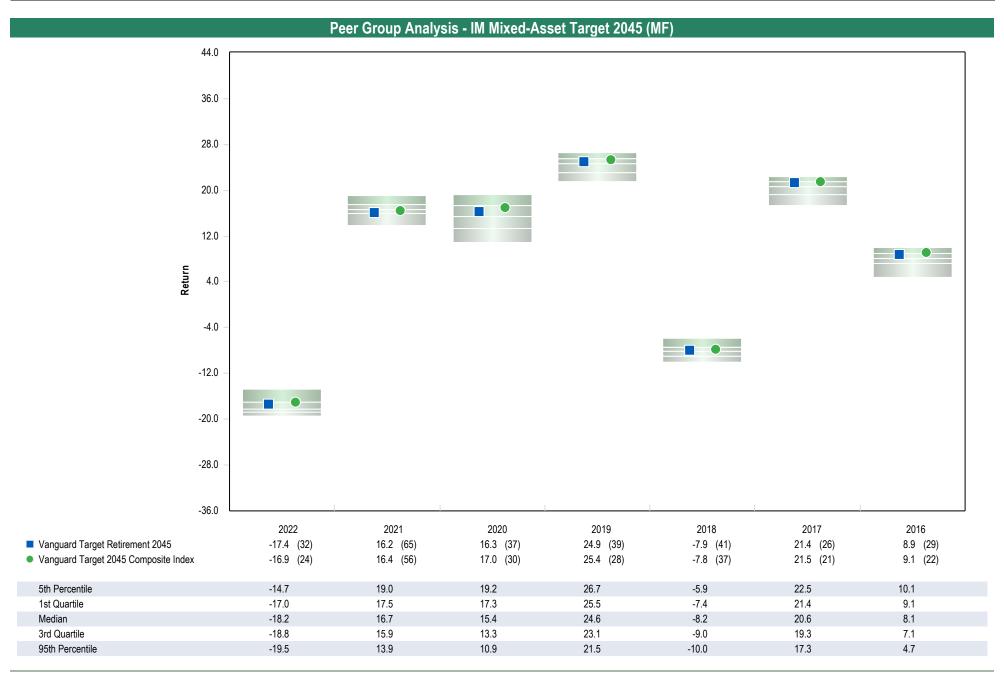
	Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date			
Vanguard Target Retirement 2040	6.9	17.5	0.4	-0.4	1.0	1.0	0.3	-1.0	17.5	07/01/2006			
Vanguard Target 2040 Composite Index	7.3	17.4	0.4	0.0	1.0	1.0	0.0		17.4	07/01/2006			
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	17.4	-0.4	0.0	07/01/2006			





^{*} Quarterly periodicity used.





Fund Name: Vanguard Chester Funds: Vanguard Target Retirement 2045 Fund; Investor Class Shares Portfolio Assets: \$66,705 Million Fund Family: Vanguard Vanguard Portfolio Manager: Team Managed

Ticker: VTIVX PM Tenure:

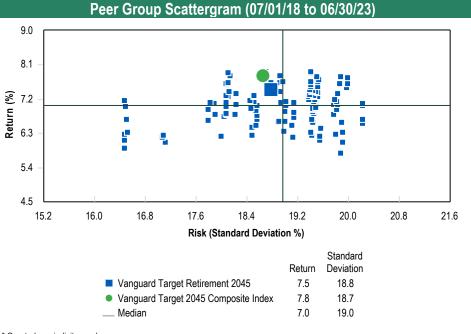
Inception Date: 10/27/2003 Fund Style: IM Mixed-Asset Target 2045 (MF)
Fund Assets: \$66,705 Million Style Benchmark: Vanguard Target 2045 Composite Index

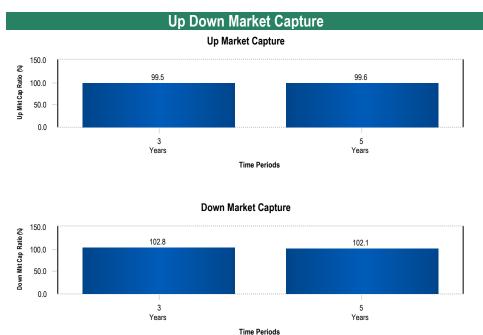
Portfolio Turnover: 5%

Fund Investment Policy

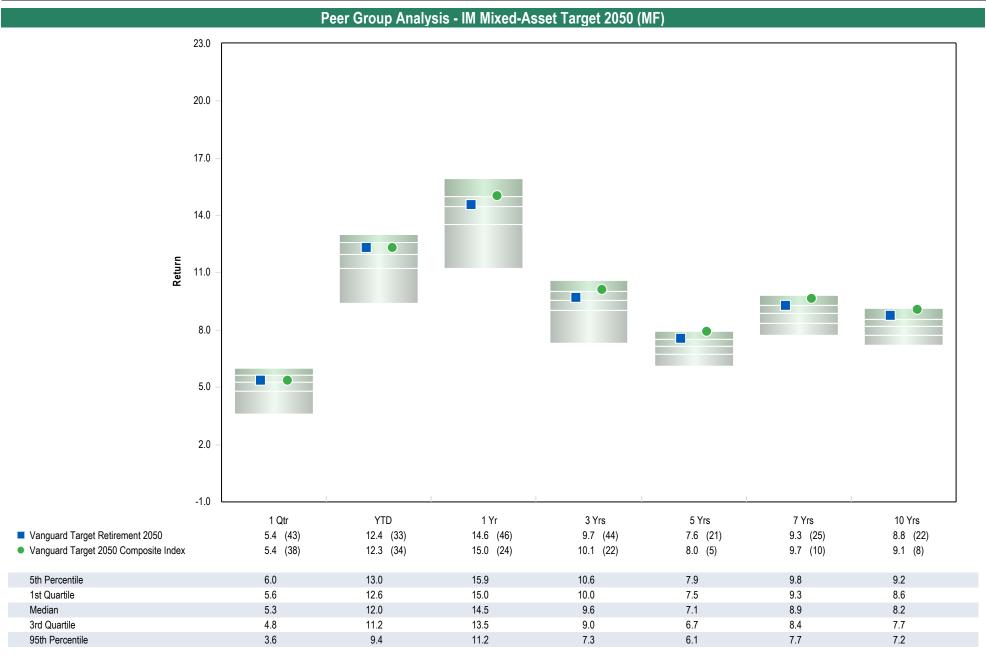
The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2045.

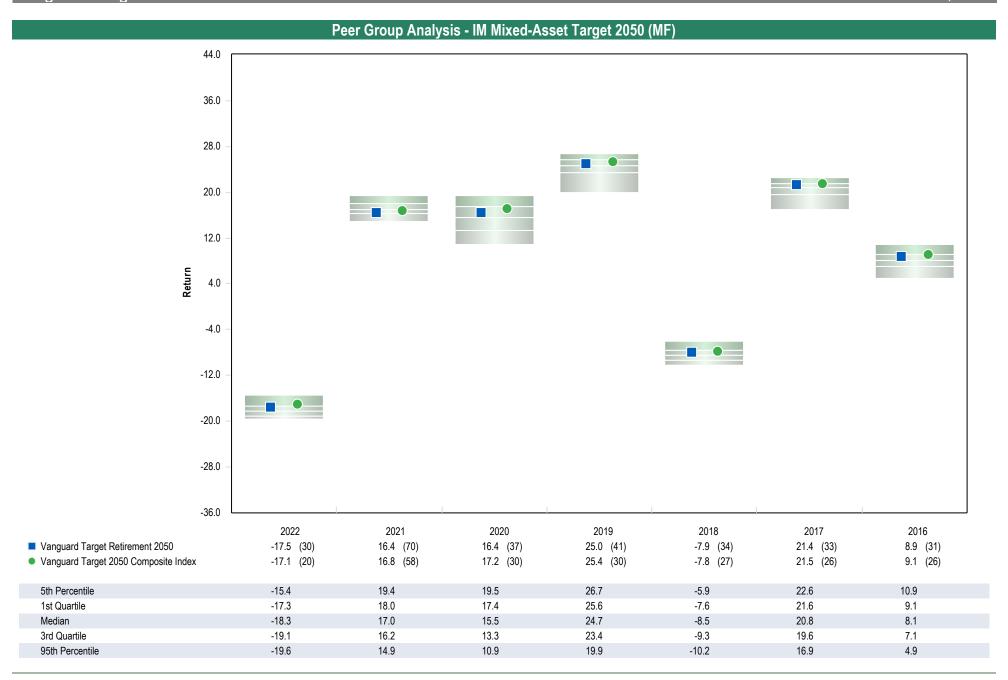
	Historical Statistics (07/01/18 - 06/30/23) *												
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date			
Vanguard Target Retirement 2045	7.5	18.8	0.4	-0.4	1.0	1.0	0.4	-0.9	18.8	11/01/2003			
Vanguard Target 2045 Composite Index	7.8	18.7	0.4	0.0	1.0	1.0	0.0		18.7	11/01/2003			
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	18.7	-0.4	0.0	11/01/2003			





^{*} Quarterly periodicity used.





Fund Information

Fund Name: Vanguard Chester Funds: Vanguard Target Retirement 2050 Fund; Investor Class Shares Portfolio Assets: \$54,429 Million
Fund Family: Vanguard Target Retirement 2050 Fund; Investor Class Shares Portfolio Assets: \$54,429 Million
Fund Family: Vanguard

Ticker: VFIFX PM Tenure:

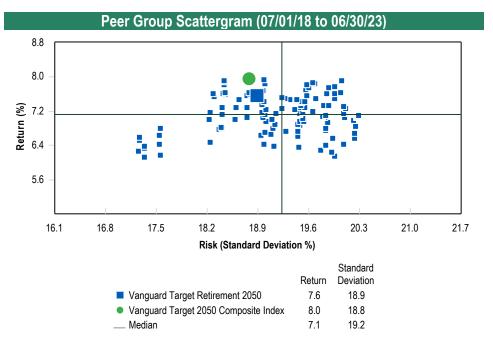
Inception Date: 06/07/2006 Fund Style: IM Mixed-Asset Target 2050 (MF)
Fund Assets: \$54,429 Million Style Benchmark: Vanguard Target 2050 Composite Index

Portfolio Turnover: 4%

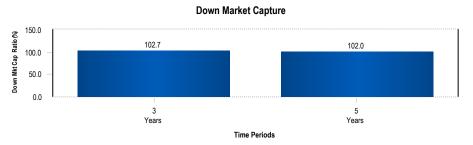
Fund Investment Policy

The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2050.

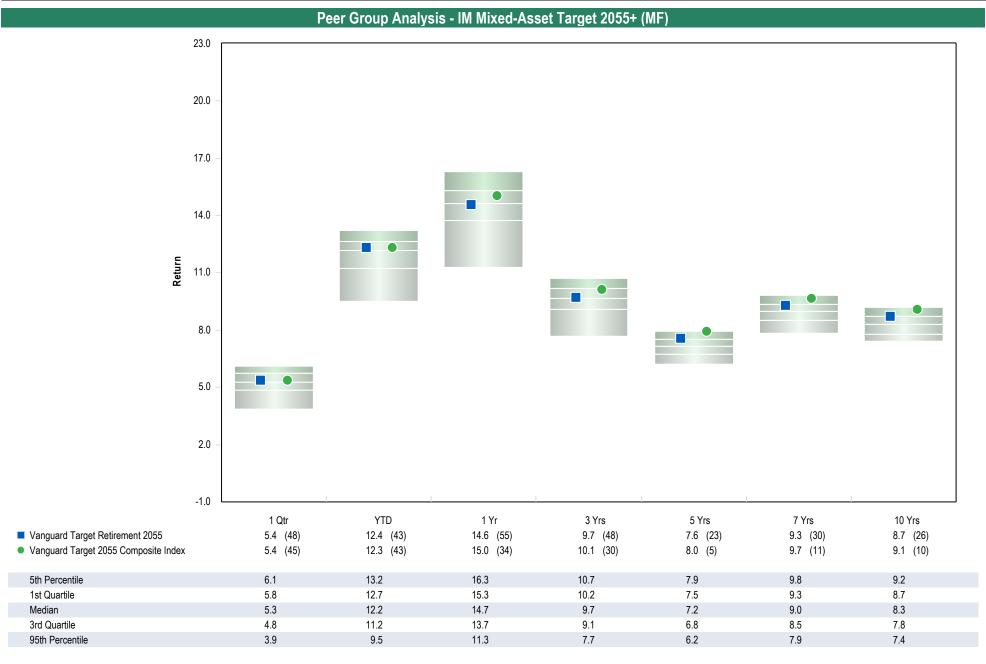
Historical Statistics (07/01/18 - 06/30/23) *										
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date
Vanguard Target Retirement 2050	7.6	18.9	0.4	-0.4	1.0	1.0	0.4	-0.9	18.9	07/01/2006
Vanguard Target 2050 Composite Index	8.0	18.8	0.4	0.0	1.0	1.0	0.0		18.8	07/01/2006
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	18.8	-0.4	0.0	07/01/2006

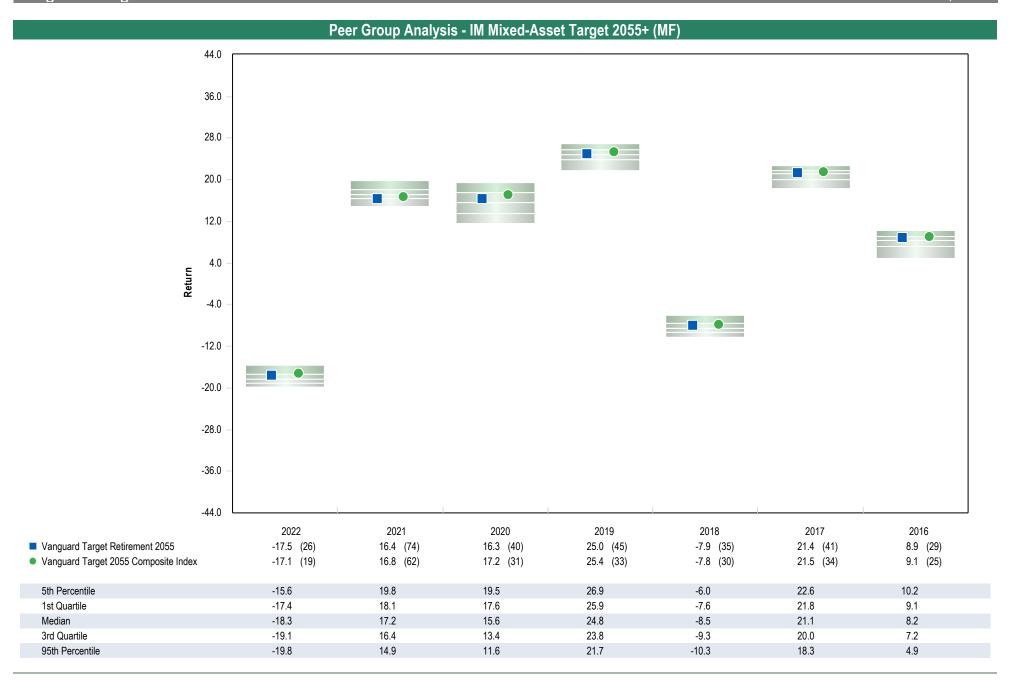


Up Down Market Capture



^{*} Quarterly periodicity used.





Vanguard Target Retirement 2055

As of June 30, 2023

Fund Information

Fund Name: Vanguard Chester Funds: Vanguard Target Retirement 2055 Fund; Investor Class Shares Portfolio Assets: \$34,849 Million Fund Family: Vanguard Vanguard Portfolio Manager: Team Managed

Ticker: VFFVX PM Tenure:

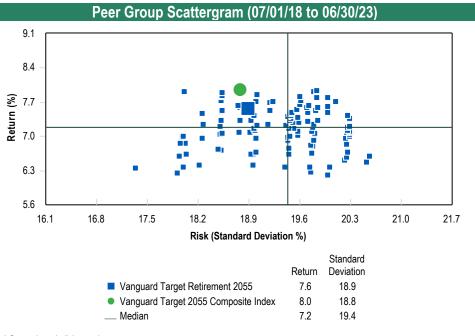
Inception Date: 08/18/2010 Fund Style: IM Mixed-Asset Target 2055+ (MF)
Fund Assets: \$34,849 Million Style Benchmark: Vanguard Target 2055 Composite Index

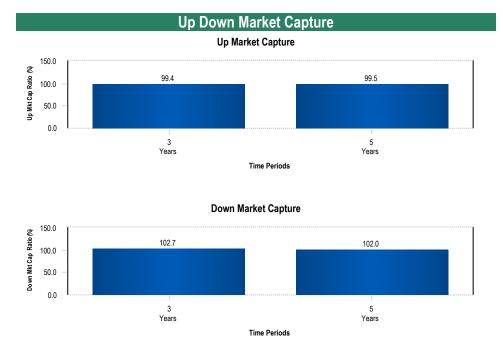
Portfolio Turnover: 4%

Fund Investment Policy

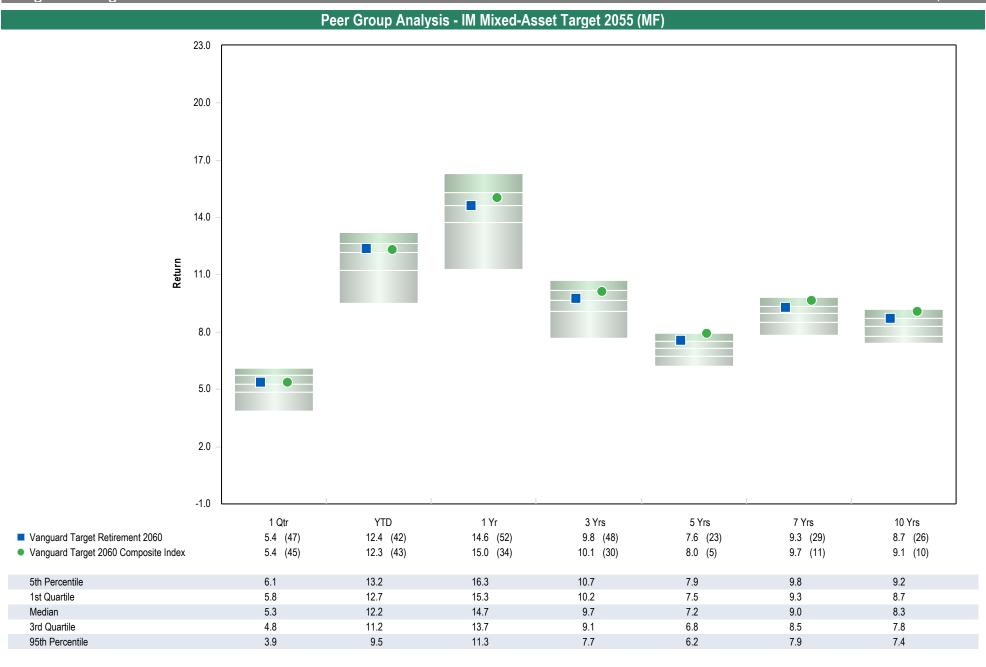
The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2055.

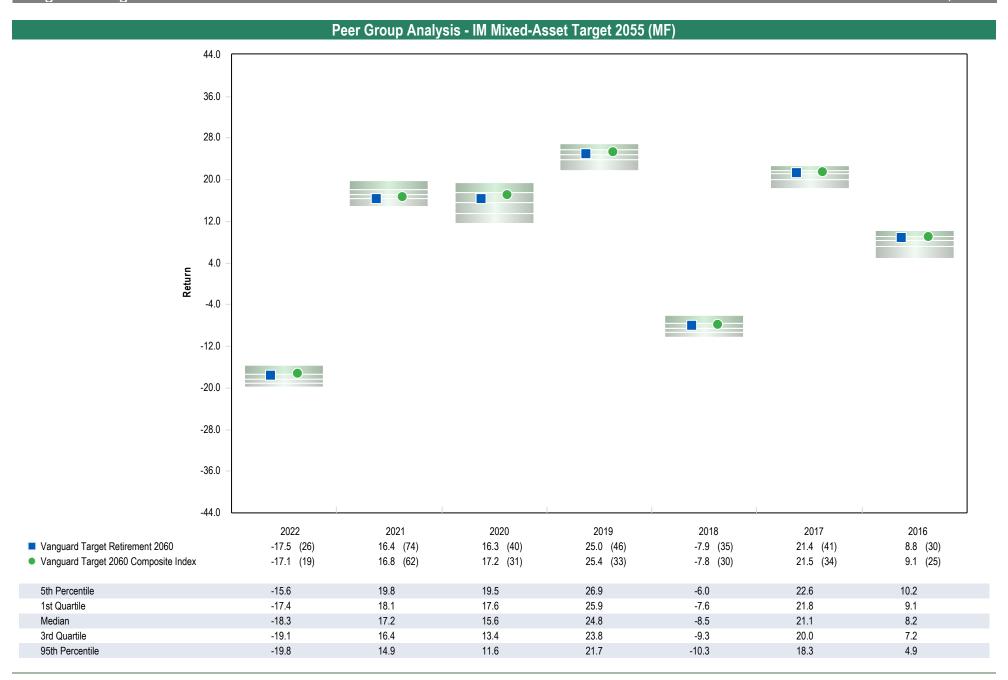
Historical Statistics (07/01/18 - 06/30/23) *										
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date
Vanguard Target Retirement 2055	7.6	18.9	0.4	-0.4	1.0	1.0	0.4	-0.9	18.9	09/01/2010
Vanguard Target 2055 Composite Index	8.0	18.8	0.4	0.0	1.0	1.0	0.0		18.8	09/01/2010
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	18.8	-0.4	0.0	09/01/2010





^{*} Quarterly periodicity used.





Fund Information

Fund Name: Vanguard Chester Funds: Vanguard Target Retirement 2060 Fund; Investor Class Shares Portfolio Assets: \$18,227 Million Fund Family: Vanguard Vanguard Portfolio Manager: Team Managed

Ticker: VTTSX PM Tenure:

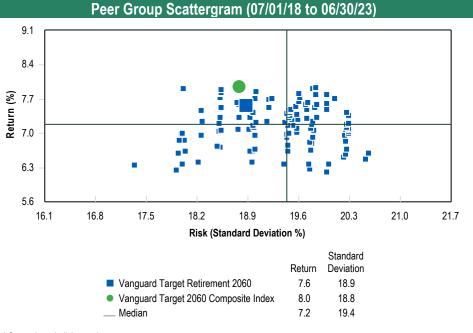
Inception Date: 01/19/2012 Fund Style: IM Mixed-Asset Target 2055 (MF)
Fund Assets: \$18,227 Million Style Benchmark: Vanguard Target 2060 Composite Index

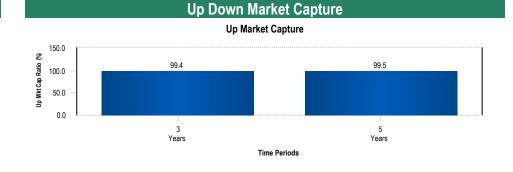
Portfolio Turnover: 3%

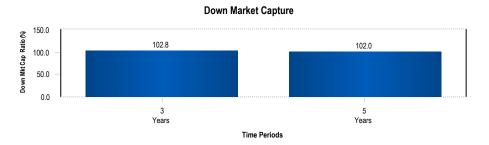
Fund Investment Policy

The Fund seeks to provide capital appreciation and current income consistent with its current asset allocation. The Fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2060.

Historical Statistics (07/01/18 - 06/30/23) *										
	Return	Standard Deviation	Sharpe Ratio	Alpha	Beta	R-Squared	Tracking Error	Information Ratio	Excess Risk	Inception Date
Vanguard Target Retirement 2060	7.6	18.9	0.4	-0.4	1.0	1.0	0.4	-0.9	18.9	02/01/2012
Vanguard Target 2060 Composite Index	8.0	18.8	0.4	0.0	1.0	1.0	0.0		18.8	02/01/2012
90 Day U.S. Treasury Bill	1.6	0.7		1.6	0.0	0.0	18.8	-0.4	0.0	02/01/2012







^{*} Quarterly periodicity used.

S3 RATING REPORT	

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City of Memphis 457 Retirement Plan S3 Reports as of June 30, 2023

Scoring System S	Summary					
Ticker	Fund Name	Fund Category	Sep-2022	Dec-2022	Mar-2023	Jun-2023
PTTRX	PIMCO Total Return R	Intermediate-Term Bond	С	С	С	С
TGLMX	TCW Total Return Bond I	Intermediate-Term Bond	В	В	В	С
IVHIX	Delaware Ivy High Income	High Yield Bond	С	В	С	В
PRILX	Parnassus Core Equity Institutional	Large Blend	Α	Α	Α	Α
VINIX	Vanguard 500 Index	Large Blend	Α	Α	Α	Α
LOMAX	Edgar Lomax Value	Large Value	Α	Α	Α	Α
FCNTX	Fidelity Contrafund	Large Growth	В	В	Α	Α
VIMAX	Vangard Mid Cap Index Adm	Mid-Cap Blend	Α	Α	Α	Α
FLMVX	JPMorgan Mid Cap Value R6	Mid-Cap Value	Α	Α	Α	Α
ERASX	Eaton Vance Atlanta Capital SMID	SMID-Cap	Α	В	В	В
NBGIX	Neuberger Berman Genesis R6	Small Growth	Α	Α	Α	Α
HASCX	Harbor Small Cap Value	Small Value	Α	Α	Α	Α
BCSIX	Brown Capital Mgmt Small Co Inv	Small Growth	Α	Α	Α	Α
RERGX	American Funds Europacific Growth R6	Foreign Large Growth	Α	Α	Α	Α
MINJX	MFS International Value R3	Foreign Large Blend	Α	Α	Α	Α
OGLIX	American Funds Global Insight R6	World Stock	Α	Α	Α	Α
VGSLX	Vanguard REIT Index Adm	Real Estate	В	Α	В	В
VTWNX	Vanguard Target Retirement 2020	Target Date 2020	Α	Α	Α	Α
VTTVX	Vanguard Target Retirement 2025	Target Date 2025	Α	Α	Α	Α
VTHRX	Vanguard Target Retirement 2030	Target Date 2030	Α	Α	Α	Α
VTTHX	Vanguard Target Retirement 2035	Target Date 2035	Α	Α	Α	Α
VFORX	Vanguard Target Retirement 2040	Target Date 2040	Α	Α	Α	Α
VTIVX	Vanguard Target Retirement 2045	Target Date 2045	Α	Α	Α	Α
VFIFX	Vanguard Target Retirement 2050	Target Date 2050	Α	Α	Α	Α
VFFVX	Vanguard Target Retirement 2055	Target Date 2055	Α	Α	Α	Α
VTTSX	Vanguard Target Retirement 2060	Target Date 2060+	Α	Α	Α	Α
VTINX	Vanguard Target Retirement Income	Target Date Retirement	Α	Α	Α	Α

PIMCO Total Return R

Expense Ratio: 1.05

Ticker: PTRRX

Portfolio Date:

Category: Intermediate Core-Plus Bond

Benchmark: Bloomberg US Agg Bond

Subcategory: Intermediate Investment Grade (4-6)

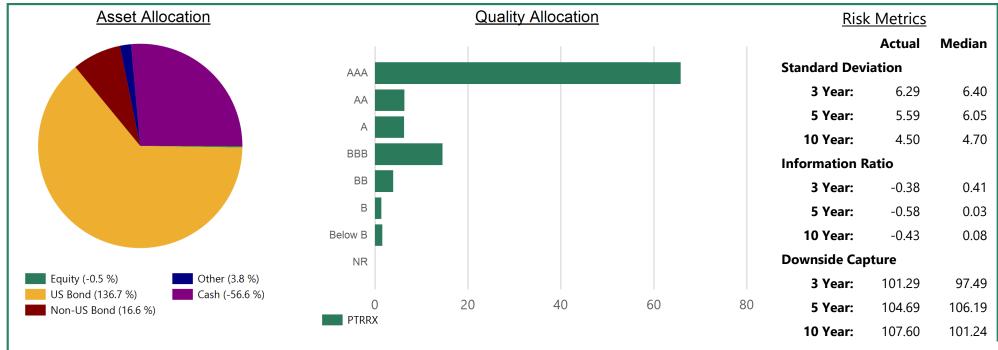
Inception Date: 5/11/1987



S³ Scores Style/Portfolio Characteristics: A Organization: B Fees: C Portfolio Characteristics **Style** Fund AUM (\$mil): 54,605 High No. of Bonds: 7.203 % Assets in Top 10: 21.47 Medium **Avg Eff Duration:** 5.61 **Avg Eff Maturity:** 8.07 **Yield to Maturity:** Limited Moderate Extensive **Turnover Ratio %:** 377.00

3/31/2023





TCW Total Return Bond I

Portfolio Date:

Category: Intermediate Core-Plus Bond **Ticker:** TGLMX **Expense Ratio:** 0.49

Benchmark: Bloomberg US Agg Bond

Subcategory: Mortgage-Backed

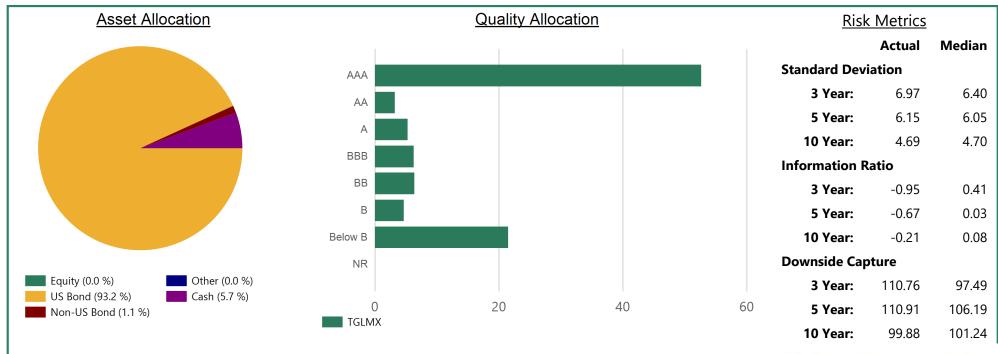
Inception Date: 6/17/1993



S ³ Scores	Organizatio	on: A	Fees:	Α	Style/P	ortfolic	Chai
Portfol	io Characteris	stics			<u>Style</u>		
Fund <i>F</i>	AUM (\$mil):	2,797					High
No	o. of Bonds:	527					gh
% Asset	s in Top 10:	22.27					Medium
Avg E	ff Duration:	7.13					m m
Avg E	ff Maturity:	8.45					Low
Yield t	o Maturity:	6.01					8
Turnov	ver Ratio %:	386.85		Limited	Moderate	Extensive	

5/31/2023





Delaware Ivy High Income Fund Class I

Expense Ratio: 0.74

Turnover Ratio %:

Portfolio Date:

Ticker: IVHIX Category: High Yield Bond

Benchmark: ICE BofA US High Yield **Inception Date:** 7/31/1997



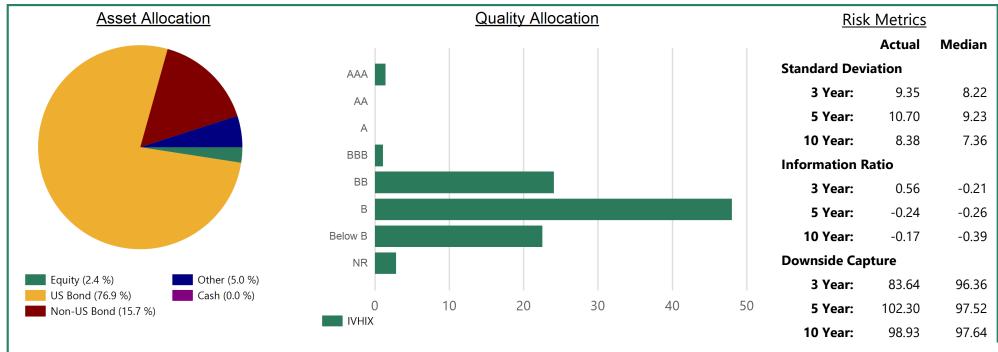
S ³ Scores	Organizatio	on: C	Fees:	В	Style/P	ortfolic	Char
Portfolio Characteristics					<u>Style</u>		
Fund <i>F</i>	AUM (\$mil):	2,484					Ξ.
No	o. of Bonds:	187					High
% Asset	s in Top 10:	13.66					Medium
Avg E	ff Duration:	3.46					lium
Avg E	ff Maturity:	6.84					Low
Yield t	o Maturity:	9.68					W
T	Datia 0/.	F0.00		Limited	Moderate	Extensive	

50.00

5/31/2023



Subcategory: High Yield Bond



Parnassus Core Equity Institutional

Portfolio Date:

Ticker: PRILX Category: Large Blend

6/30/2023

Expense Ratio: 0.61 **Benchmark:** S&P 500



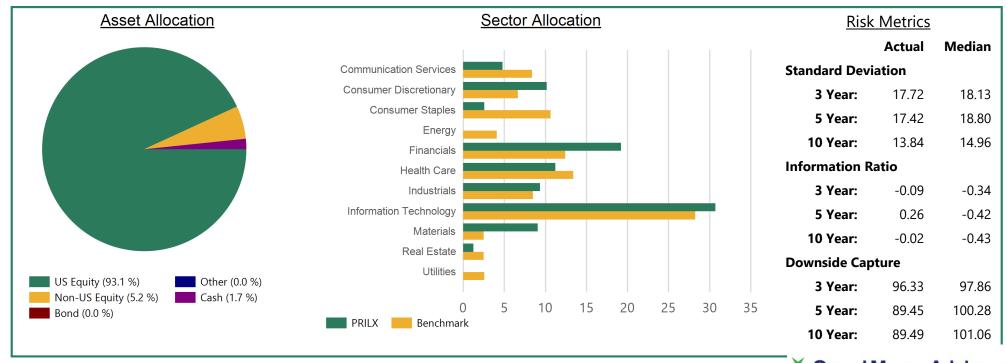
S ³ Scores	Organization: A	Fees: A	Style/Portfolio Characteristics: B	Performance: A	Risk: A
-----------------------	-----------------	---------	------------------------------------	----------------	---------

Portfolio Characte	<u>ristics</u>	<u>Style</u>			
Fund AUM (\$mil):	26,973				La
No. of Stocks:	39				Large
% Assets in Top 10:	40.30				Mid
Avg Market Cap (\$mil):	198,100.27				ā:
P/E Ratio (TTM)(Long):	25.11				Small
P/B Ratio (TTM)(Long):	4.49				a≝
Turnover Ratio %:	39.63	Value	Blend	Growth	



Subcategory: Large Core

Inception Date: 8/31/1992



Vanguard Institutional Index I

Ticker: VINIX Category: Large Blend

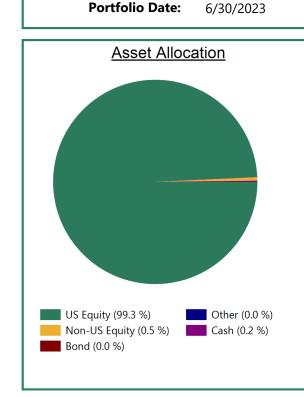
Expense Ratio: 0.04 **Benchmark:** S&P 500 **Inception Date:** 7/31/1990

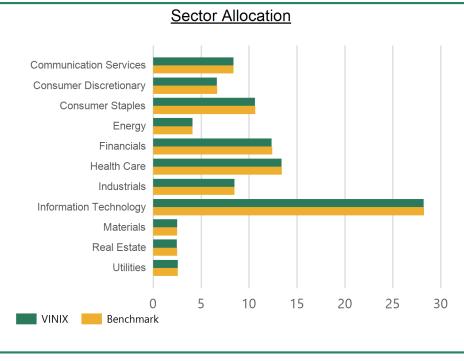


S³ Scores	Organiza	tion: A	Fees:	Α	Style/P	ortfolio	Cha
<u>Portfol</u>	io Characte	<u>ristics</u>			<u>Style</u>		
Fund A	AUM (\$mil):	254,070					ا ا
No	o. of Stocks:	503					Large
% Asset	s in Top 10:	30.45					Mid
Avg Market	Cap (\$mil):	223,341.68					<u>a</u>
P/E Ratio (T	TM)(Long):	22.84					Small
P/B Ratio (T	TM)(Long):	4.02					a
Turnov	/er Ratio %:	3.00		Value	Blend	Growth	



Subcategory: S&P 500 Tracking





<u>Risk</u>	<u>Metrics</u>							
	Actual	Median						
Standard Devi	iation							
3 Year:	18.19	18.13						
5 Year:	18.80	18.80						
10 Year:	14.93	14.96						
Information Ratio								
3 Year:	-3.78	-0.34						
5 Year:	-2.37	-0.42						
10 Year:	-2.77	-0.43						
Downside Cap	oture							
3 Year:	100.07	97.86						
5 Year:	100.05	100.28						
10 Year:	100.06	101.06						

Edgar Lomax Value

Expense Ratio: 0.70

Ticker: LOMAX

Portfolio Date:

Category: Large Value

Benchmark: Russell 1000 Value

Subcategory: Giant Value **Inception Date:** 12/12/1997

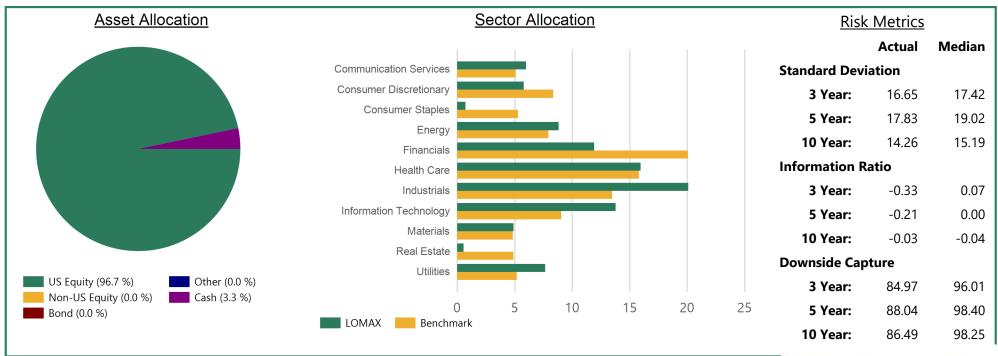


S³ Scores Organization: A Fees: A Style/Portfolio Characteristics: A Performance: B Risk: A

Portfolio Characteristics			<u>Style</u>			
Fund AUM (\$mil):	91					La
No. of Stocks:	49					Large
% Assets in Top 10:	42.00					Mid
Avg Market Cap (\$mil):	109,988.57					ā
P/E Ratio (TTM)(Long):	13.67					Small
P/B Ratio (TTM)(Long):	2.15					ä
Turnover Ratio %:	39.80		Value	Blend	Growth	

6/30/2023





Fidelity® Contrafund®

Ticker: FCNTX **Category:** Large Growth

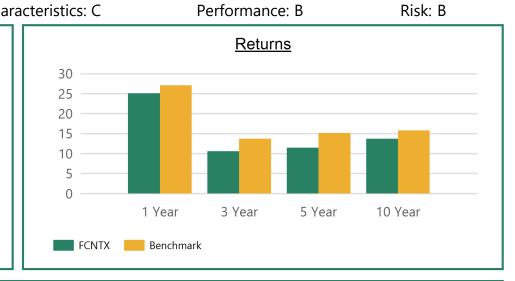
Expense Ratio: 0.55 **Benchmark:** Russell 1000 Growth

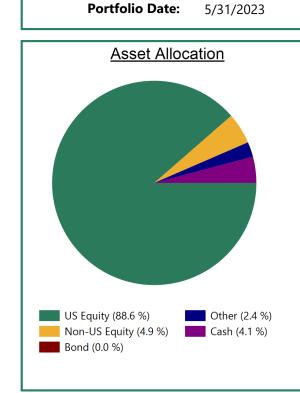
Subcategory: Large Core Growth

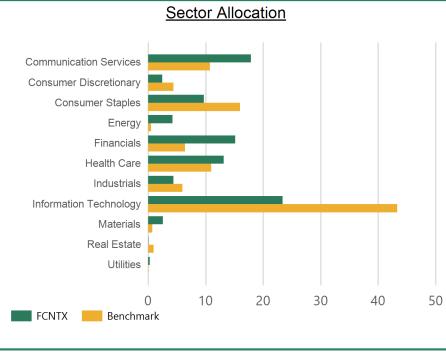
Inception Date: 5/17/1967



S ³ Scores	³ Scores Organization: A		Fees: A	Δ :	Style/P	ortfolio	Cha
Portfolio Characteristics					<u>Style</u>		
Fund A	NUM (\$mil):	107,888					La
No	o. of Stocks:	291					Large
% Asset	s in Top 10:	52.22					Mid
Avg Market	Cap (\$mil):	335,781.83					<u>a</u> :
P/E Ratio (T	TM)(Long):	23.71					Small
P/B Ratio (T	TM)(Long):	3.93					ia E
Turnov	er Ratio %:	25.00		Value	Blend	Growth	







Risk Metrics								
Actual Median								
Standard Devi	iation							
3 Year:	19.54	21.32						
5 Year:	19.73	21.10						
10 Year:	15.77	16.77						
Information R	atio							
3 Year:	-0.83	-0.68						
5 Year:	-1.00	-0.60						
10 Year:	-0.62	-0.46						
Downside Cap	oture							
3 Year:	91.50	100.03						
5 Year:	94.43	99.99						
10 Year:	94.12	101.90						

Vanguard Mid Cap Index Admiral

Ticker: VIMAX Category: Mid-Cap Blend Subcategory: Mid Core

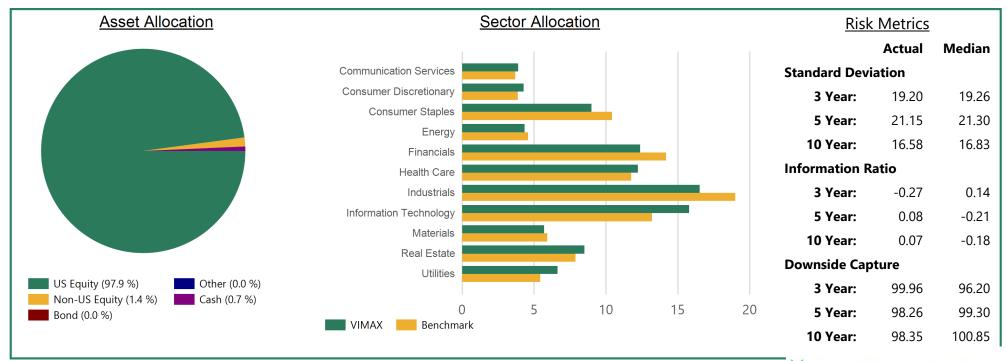
Expense Ratio: 0.05 Benchmark: Russell Mid Cap Inception Date: 5/21/1998



S³ Scores Organization: A Fees: A Style/Portfolio Characteristics: A Performance: A Risk: A

organization. A		1 003.		Style/1	OI tIOIIC	Cita	
<u>Portfoli</u>	Portfolio Characteristics				<u>Style</u>		
Fund A	UM (\$mil):	147,295					La
No	. of Stocks:	342					Large
% Assets	in Top 10:	7.26					Mid
Avg Market	Cap (\$mil):	24,880.42					ď
P/E Ratio (T	ΓM)(Long):	19.26					Small
P/B Ratio (T	ΓM)(Long):	2.90					all
Turnov	er Ratio %:	12.00		Value	Blend	Growth	
Port	folio Date:	6/30/2023					





JPMorgan Mid Cap Value R6

Ticker: JMVYX **Category:** Mid-Cap Value

Expense Ratio: 0.65 **Benchmark:** Russell Mid Cap Value



Inception Date: 11/13/1997

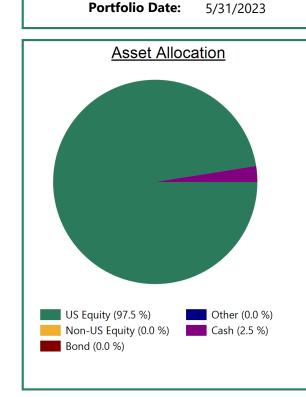


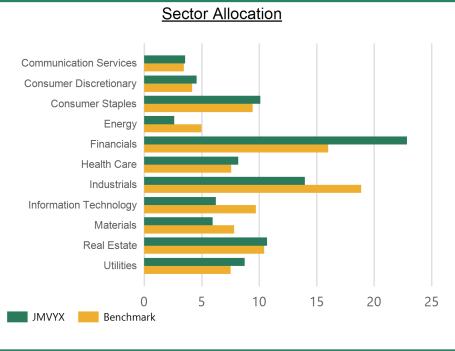
Risk: A

S ³ Scores	Organizat	ion: A	Fees:	Α	Style/P	ortfolio	Char	acteristics: A
<u>Portfol</u>	io Character	<u>ristics</u>			<u>Style</u>			
Fund A	NUM (\$mil):	13,471					<u>ه</u>	20 ——
No	o. of Stocks:	104					Large	15 ——
% Asset	s in Top 10:	16.99					Mid	10 —
Avg Market	Cap (\$mil):	14,986.72					<u>a</u> .	
P/E Ratio (T	TM)(Long):	13.51					Small	5 —
P/B Ratio (T	TM)(Long):	2.02					la l	0 —
Turnov	er Ratio %:	16.00		Value	Blend	Growth		



Performance: B





Risk	Risk Metrics							
	Actual	Median						
Standard Dev	iation							
3 Year:	18.39	19.51						
5 Year:	21.36	22.22						
10 Year:	16.54	17.55						
Information R	latio							
3 Year:	0.23	0.28						
5 Year:	0.06	0.00						
10 Year:	-0.05	-0.11						
Downside Cap	oture							
3 Year:	88.85	92.42						
5 Year:	94.69	98.30						
10 Year:	92.96	101.15						

Eaton Vance Atlanta Capital SMID-Cap A

Ticker: EAASX Category: Mid-Cap Blend
Expense Ratio: 1.14 Benchmark: Russell Mid Cap

Subcategory: Mid Core **Inception Date:** 4/30/2002



Α

S ³ Scores	Organization: A	Fees: C	Style/Portfolio Characteristics: C	Performance: B	Risk: /
Portfol	io Characteristics		<u>Style</u>	<u>Returns</u>	

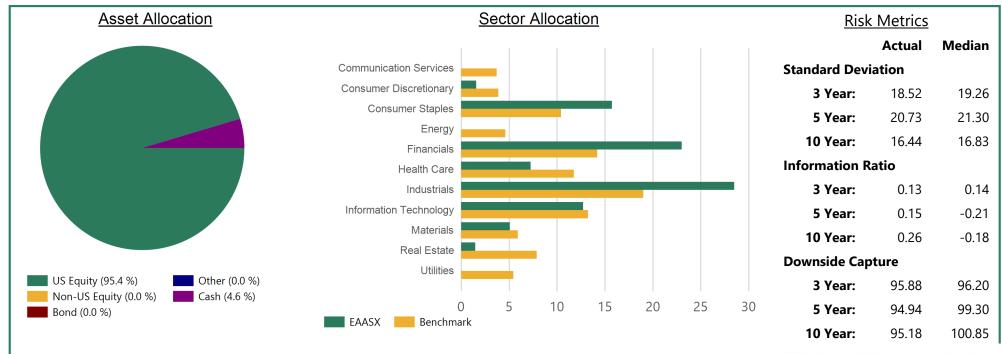
Large

Μid

Small

Fund AUM (\$mil): 11,203 No. of Stocks: 53 % Assets in Top 10: 30.81 Avg Market Cap (\$mil): 9,606.79 P/E Ratio (TTM)(Long): 22.08 P/B Ratio (TTM)(Long): 3.06 Value Blend Growth **Turnover Ratio %:** 7.00 **Portfolio Date:** 5/31/2023





Neuberger Berman Genesis R6

Ticker: NRGSX **Category:** Small Growth

Expense Ratio: 0.74 **Benchmark:** Russell 2000 Growth

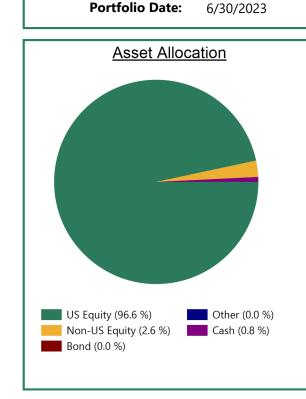
Subcategory: Small Core Growth

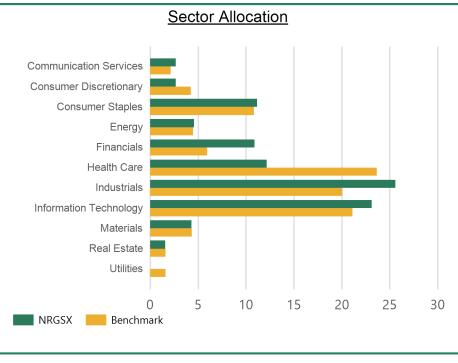
Inception Date: 9/27/1988



S ³ Scores	Organization: A		Fees: A		Style/P	ortfolio	Cha
Portfolio Characteristics					<u>Style</u>		
Fund A	AUM (\$mil):	10,223					La
No	o. of Stocks:	110					Large
% Asset	s in Top 10:	20.76					Mic
Avg Market	Cap (\$mil):	5,591.22					<u>a</u> :
P/E Ratio (T	TM)(Long):	20.55					Small
P/B Ratio (T	TM)(Long):	3.46					all
Turnov	er Ratio %:	12.00	`	Value	Blend	Growth	







Risk Metrics									
Actual Median									
Standard Devi	iation								
3 Year:	18.91	21.55							
5 Year:	20.55	23.92							
10 Year:	16.56	19.51							
Information R	atio								
3 Year:	0.47	0.13							
5 Year:	0.53	0.25							
10 Year:	0.21	0.11							
Downside Cap	ture								
3 Year:	71.48	93.99							
5 Year:	74.34	94.08							
10 Year:	73.36	93.25							
77776									

Harbor Small Cap Value Instl

Ticker: HASCX Category: Small Blend
Expense Ratio: 0.88 Benchmark: Russell 2000

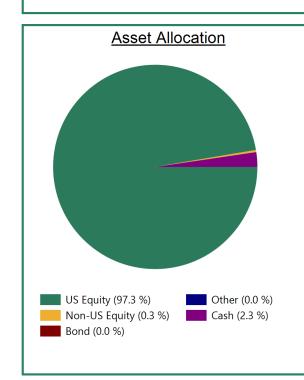
3/31/2023

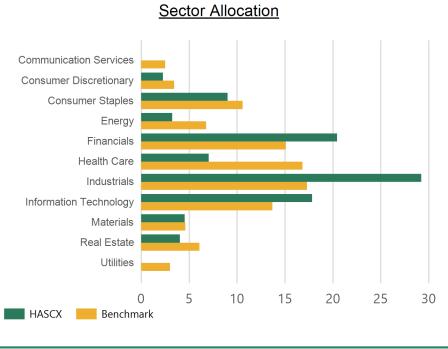
Subcategory: Small Core **Inception Date:** 12/14/2001



S ³ Scores	Organization: A		Fees: A		Style/P	ortfolio	Cha
Portfolio Characteristics					<u>Style</u>		
Fund A	AUM (\$mil):	2,240					ا و
No	o. of Stocks:	58					Large
% Asset	s in Top 10:	25.83					Mid
Avg Market	Cap (\$mil):	3,385.13					<u>a</u> :
P/E Ratio (T	TM)(Long):	17.63					Small
P/B Ratio (T	TM)(Long):	2.10					ia E
Turnov	ver Ratio %:	15.00	Va	alue	Blend	Growth	







Risk Metrics									
Actual Median									
Standard Deviation									
3 Year:	21.30	20.83							
5 Year:	24.11	23.63							
10 Year:	19.29	19.20							
Information R	atio								
3 Year:	0.52	0.46							
5 Year:	0.30	0.20							
10 Year:	0.26	0.04							
Downside Cap	oture								
3 Year:	87.81	91.26							
5 Year:	96.41	96.64							
10 Year:	91.79	95.09							

Brown Capital Mgmt Small Co Instl

Portfolio Date:

Ticker: BCSSX **Category:** Small Growth

3/31/2023

Expense Ratio: 1.05 **Benchmark:** Russell 2000 Growth

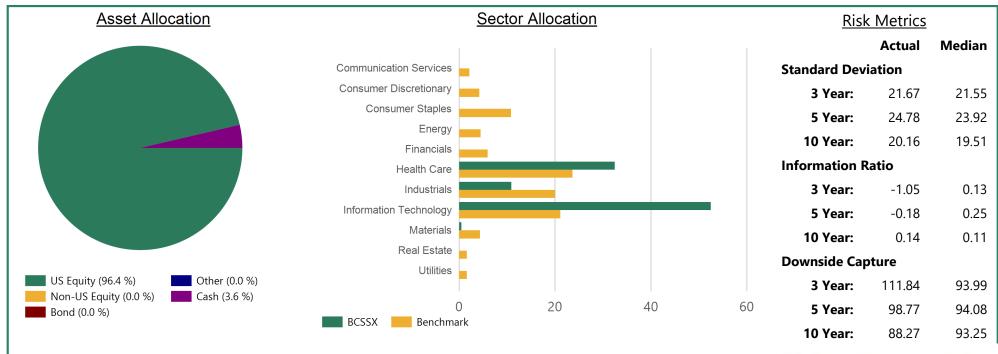
Subcategory: Small High Growth

Inception Date: 7/23/1992



S ³ Scores Organization: A			Fees:	В	Style/P	ortfolio	Char
Portfolio Characteristics					<u>Style</u>		
Fund AUM (\$mil): 3,674							Large
No. o	of Stocks:	40					rge
% Assets i	n Top 10:	47.12					Mid
Avg Market Ca	ap (\$mil):	5,436.29					<u>a</u> .
P/E Ratio (TTN	/l)(Long):	44.76					Small
P/B Ratio (TTN	/l)(Long):	4.96					all
Turnovei	Ratio %:	22.00		Value	Blend	Growth	





American Funds Europacific Growth R6

Expense Ratio: 0.47

Portfolio Date:

Ticker: RFRGX Category: Foreign Large Growth

Benchmark: MSCI EAFE Growth

Subcategory: Foreign Large Growth

Inception Date: 4/16/1984

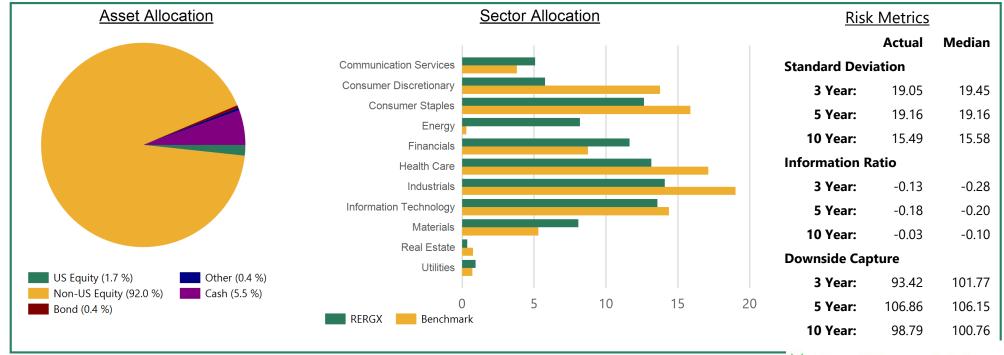


S³ Scores Organization: A Style/Portfolio Characteristics: A Performance: B Fees: A Risk: A

				,		
Portfolio Characteristics			<u>Style</u>			
Fund AUM (\$mil):	138,674					La
No. of Stocks:	356					Large
% Assets in Top 10:	25.07					Mid
Avg Market Cap (\$mil):	59,237.72					<u>a</u> :
P/E Ratio (TTM)(Long):	17.10					Small
P/B Ratio (TTM)(Long):	3.01					<u>a</u>
Turnover Ratio %:	34.00		Value	Blend	Growth	

3/31/2023





MFS International Intrinsic Value R3

Portfolio Date:

Ticker: MINGX Category: Foreign Large Growth

Expense Ratio: 0.97 **Benchmark:** MSCI EAFE Growth

Subcategory: Foreign Large Growth

Inception Date: 10/24/1995



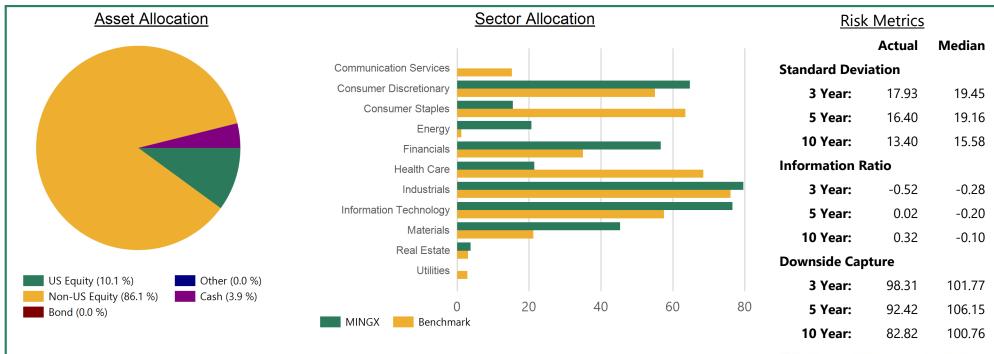
Risk: A

S ³ Scores	Organizat	ion: A	Fees:	В	Style/F	ortfolio	Char	ac	cteristics: C
<u>Portfol</u>	io Charactei	<u>ristics</u>			<u>Style</u>				
Fund A	AUM (\$mil):	21,843] [100 —
No	o. of Stocks:	91					Large		80 —
% Asset	s in Top 10:	27.29					Mid		60 —
Avg Market	Cap (\$mil):	34,033.54					ď		40 —
P/E Ratio (T	TM)(Long):	16.89					Small		20 —
P/B Ratio (T	TM)(Long):	2.13					<u>a</u>		0 —
Turnov	ver Ratio %:	10.00		Value	Blend	Growth			

5/31/2023



Performance: A



American Funds Global Insight R-6

Ticker: RGLGX **Category:** Global Large-Stock Blend

Expense Ratio: 0.46 **Benchmark:** MSCI ACWI All Cap

3/31/2023

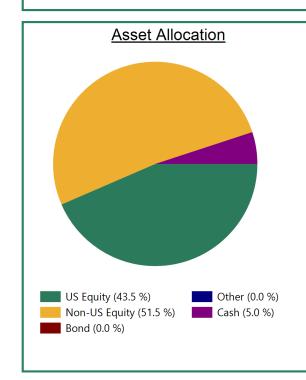
Subcategory: World Large Core

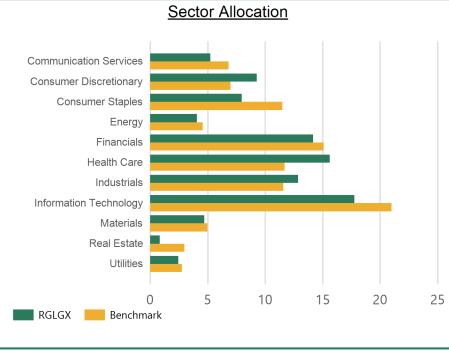
Inception Date: 4/1/2011



S ³ Scores	Organizat	ion: A	Fees: A	١ :	Style/P	ortfolio	Char
Portfol	io Characteı	ristics			<u>Style</u>		
Fund <i>F</i>	AUM (\$mil):	9,817					La
No	o. of Stocks:	186					Large
% Asset	s in Top 10:	19.10					Mic
Avg Market	Cap (\$mil):	94,743.88					ā
P/E Ratio (T	TM)(Long):	19.72					Small
P/B Ratio (T	TM)(Long):	3.56					a
Turnov	ver Ratio %:	20.00		Value	Blend	Growth	







Risk Metrics							
Actual Median							
Standard Deviation							
3 Year:	16.76	17.43					
5 Year:	16.69	18.10					
10 Year:	13.57	14.55					
Information Ratio							
3 Year:	-0.40	-0.17					
5 Year:	0.21	-0.11					
10 Year:	0.18	-0.12					
Downside Cap	oture						
3 Year:	100.72	101.87					
5 Year:	91.34	99.17					
10 Year:	90.99	98.25					

Vanguard Real Estate Index Admiral

Ticker: VGSLX Category: Real Estate

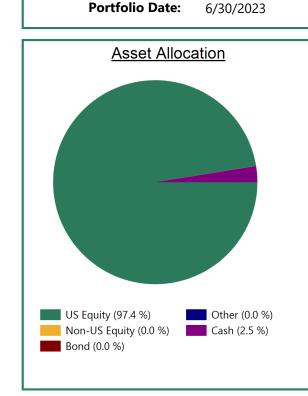
Expense Ratio: 0.12 **Inception Date:** 5/13/1996 Benchmark: MSCI US REIT



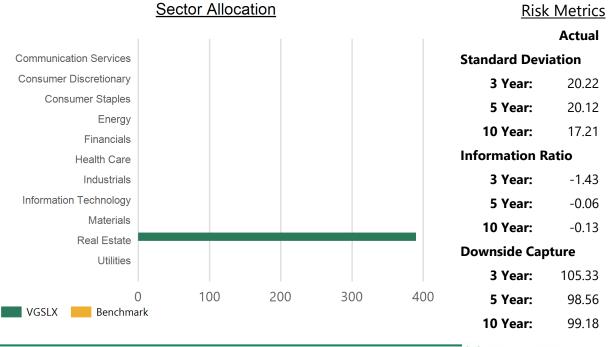
S ³ Scores	Organizat	ion: A	Fees:	Α	Style/P	ortfolio	o Cha
<u>Portfol</u>	io Character	ristics			<u>Style</u>		
Fund A	NUM (\$mil):	62,304					ا ا
No	o. of Stocks:	165					Large
% Assets	s in Top 10:	46.90					Mid
Avg Market	Cap (\$mil):	21,514.51					<u>a</u> .
P/E Ratio (T	TM)(Long):	28.85					Small
P/B Ratio (T	TM)(Long):	2.25					
Turnov	ver Ratio %:	7.00		Value	Blend	Growth	



Subcategory: Domestic Real Estate



Portfolio Date:



Actual

20.22

20.12

17.21

-1.43

-0.06

-0.13

105.33

98.56

99.18

Median

20.13

19.74

16.82

-0.57

-0.02

-0.08

102.35

96.72

96.55

Vanguard Target Retirement 2020 Fund

Expense Ratio: 0.08

Ticker: VTWNX Category: Target-Date 2020

Benchmark: S&P Target Date 2020

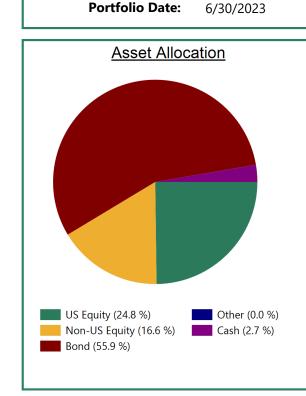
Subcategory: Target Date 2016-2020 Moderate

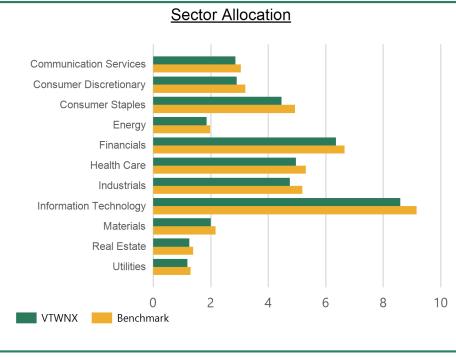
Inception Date: 6/7/2006



S ³ Scores	Organizat	ion: B	Fees: A		Style/P	ortfolio	Cha
<u>Portfol</u>	io Character	ristics			<u>Style</u>		
Fund A	AUM (\$mil):	40,067					ا ا
No	o. of Stocks:	0					Large
% Asset	s in Top 10:	99.11					Mid
Avg Market	Cap (\$mil):	72,001.95					<u>a</u> :
P/E Ratio (T	TM)(Long):	17.11					Small
P/B Ratio (T	TM)(Long):	2.40					ia E
Turnov	ver Ratio %:	14.00	Va	alue	Blend	Growth	







Risk Metrics								
Actual Median								
Standard Devi	Standard Deviation							
3 Year:	10.07	10.26						
5 Year:	10.17	10.17						
10 Year:	8.29	8.32						
Information Ratio								
3 Year:	-0.29	-0.16						
5 Year:	0.15	-0.08						
10 Year:	0.40	-0.08						
Downside Cap	oture							
3 Year:	104.66	106.74						
5 Year:	103.10	105.72						
10 Year:	102.26	104.23						

Vanguard Target Retirement 2025 Fund

Expense Ratio: 0.08

Ticker: VTTVX Category: Target-Date 2025

Benchmark: S&P Target Date 2025

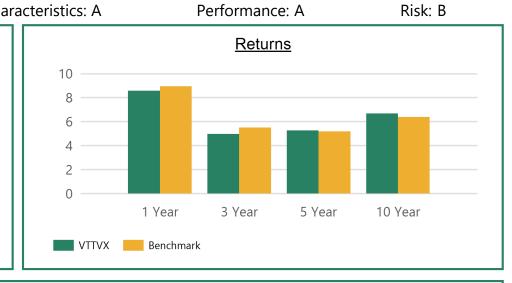
Subcategory: Target Date 2021-2025 Moderate

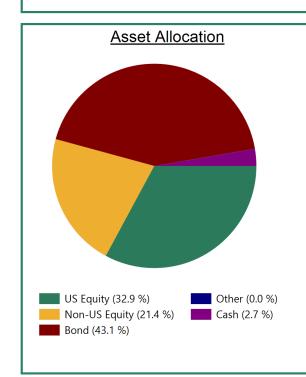
Inception Date: 10/27/2003

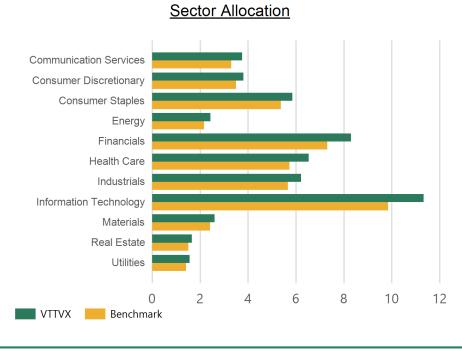


S ³ Scores	Organizat	ion: B	Fees: /	4	Style/P	ortfolio	Cha
<u>Portfol</u>	io Character	ristics			<u>Style</u>		
Fund A	AUM (\$mil):	75,531					La
No	o. of Stocks:	0					Large
% Asset	s in Top 10:	98.81					Mid
Avg Market	Cap (\$mil):	72,822.67					<u>a</u>
P/E Ratio (T	TM)(Long):	17.17					Small
P/B Ratio (T	TM)(Long):	2.41					ä
Turnov	er Ratio %:	14.00		Value	Blend	Growth	

6/30/2023







Risk Metrics								
Actual Median								
Standard Devi	Standard Deviation							
3 Year:	11.69	11.21						
5 Year:	11.86	11.60						
10 Year:	9.58	9.42						
Information R	atio							
3 Year:	-0.45	-0.58						
5 Year:	0.08	-0.29						
10 Year:	0.31	-0.31						
Downside Cap	oture							
3 Year:	111.68	107.88						
5 Year:	106.42	103.93						
10 Year:	104.79	103.73						

Vanguard Target Retirement 2030 Fund

Ticker: VTHRX Category: Target-Date 2030

Expense Ratio: 0.08 **Benchmark:** S&P Target Date 2030

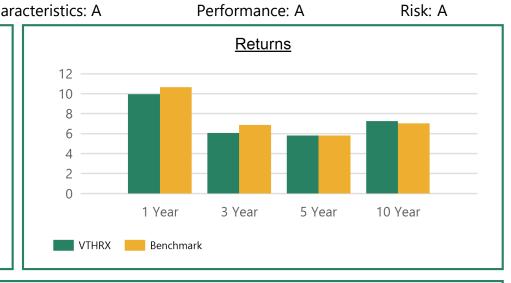
Subcategory: Target Date 2026-2030 Moderate

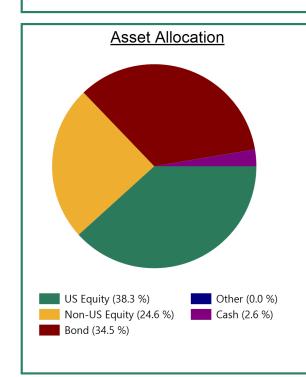
Inception Date: 6/7/2006

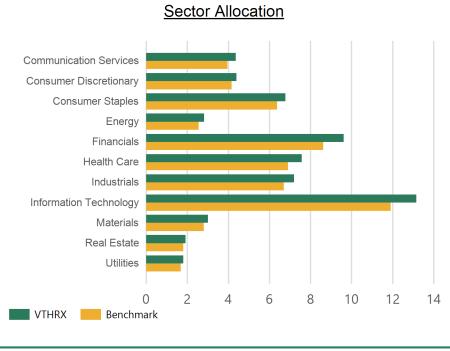


S ³ Scores	Organizat	ion: B	Fees: A		Style/P	ortfolio	Cha
<u>Portfol</u>	io Character	ristics			<u>Style</u>		
Fund A	NUM (\$mil):	84,089					La
No	. of Stocks:	0					Large
% Assets	s in Top 10:	98.67					Mid
Avg Market	Cap (\$mil):	73,148.27					id
P/E Ratio (T	TM)(Long):	17.19					Small
P/B Ratio (T	TM)(Long):	2.42					all
Turnov	er Ratio %:	11.00		Value	Blend	Growth	

6/30/2023







Risk Metrics								
Actual Median								
Standard Devi	iation							
3 Year:	12.80	12.80						
5 Year:	13.10	13.08						
10 Year:	10.58	10.72						
Information R	atio							
3 Year:	-0.72	-0.61						
5 Year:	-0.02	-0.25						
10 Year:	0.22	-0.26						
Downside Cap	oture							
3 Year:	108.10	107.77						
5 Year:	102.23	102.79						
10 Year:	101.99	104.62						

Vanguard Target Retirement 2035 Fund

Expense Ratio: 0.08

Ticker: VTTHX Category: Target-Date 2035

Benchmark: S&P Target Date 2035

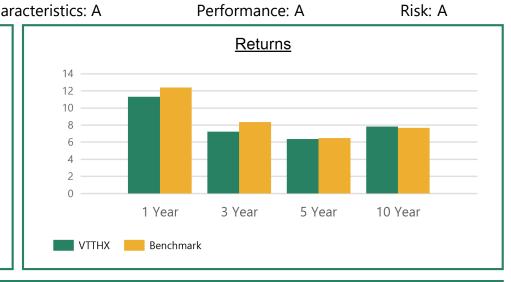
Subcategory: Target Date 2031-2035 Moderate

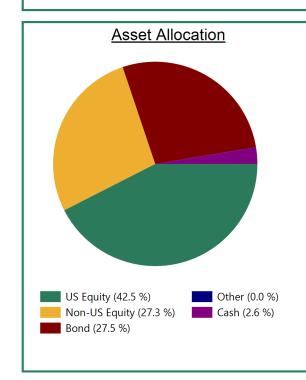
Inception Date: 10/27/2003



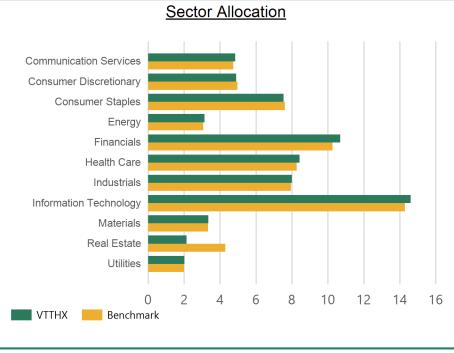
S ³ Scores	Organizat	ion: B	Fees: A		Style/P	ortfolio	Cha
Portfol	io Character	ristics			<u>Style</u>		
Fund A	AUM (\$mil):	84,529					La
No	o. of Stocks:	0					Large
% Asset	s in Top 10:	98.73					Mid
Avg Market	Cap (\$mil):	73,097.85					id
P/E Ratio (T	TM)(Long):	17.19					Small
P/B Ratio (T	TM)(Long):	2.41					<u>≅</u>
Turnov	er Ratio %:	9.00	V	/alue	Blend	Growth	

6/30/2023





Portfolio Date:



Risk Metrics								
Actual Median								
Standard Deviation								
3 Year:	13.78	14.17						
5 Year:	14.26	14.63						
10 Year:	11.56	12.03						
Information R	Information Ratio							
3 Year:	-0.99	-0.54						
5 Year:	-0.11	-0.23						
10 Year:	0.13	-0.27						
Downside Cap	oture							
3 Year:	102.35	105.64						
5 Year:	97.93	101.30						
10 Year:	99.60	103.83						

X Segal Marco Advisors

Vanguard Target Retirement 2040 Fund

Expense Ratio: 0.08

Portfolio Date:

Ticker: VFORX Category: Target-Date 2040

Benchmark: S&P Target Date 2040

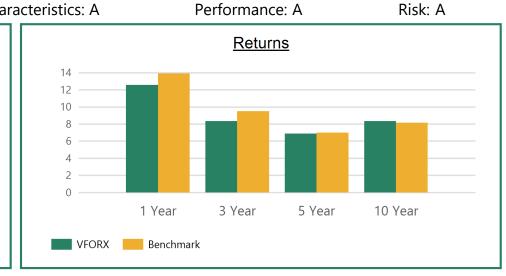
Subcategory: Target Date 2036-2040 Moderate

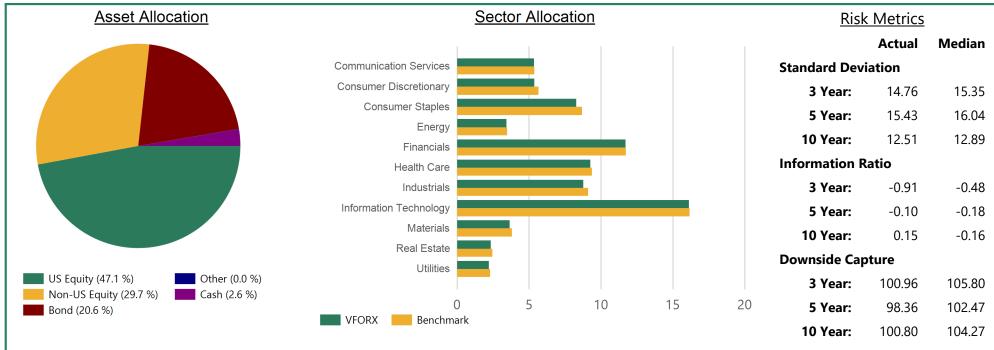
Inception Date: 6/7/2006



S ³ Scores	Organizat	Fees: A		Style/P	ortfolio	Cha	
Portfol			<u>Style</u>				
Fund A	NUM (\$mil):	74,198					Lа
No	o. of Stocks:	0					Large
% Asset	s in Top 10:	98.69					Mid
Avg Market	Cap (\$mil):	73,679.28					<u>a</u>
P/E Ratio (T	TM)(Long):	17.23					Small
P/B Ratio (T	TM)(Long):	2.43					<u>≅</u>
Turnov	er Ratio %:	7.00	Va	llue	Blend	Growth	

6/30/2023





Vanguard Target Retirement 2045 Fund

Expense Ratio: 0.08

Ticker: VTIVX Category: Target-Date 2045

Benchmark: S&P Target Date 2045

Subcategory: Target Date 2041-2045 Moderate

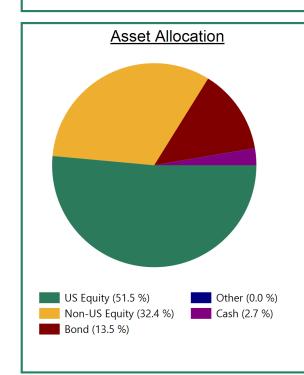
Inception Date: 10/27/2003

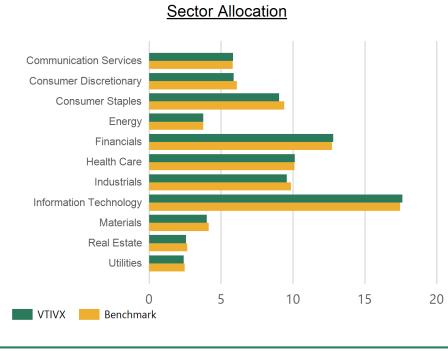


S ³ Scores	Organizat	ion: B	Fees: A	A	Style/P	ortfolio	Cha
Portfolio Characteristics					<u>Style</u>		
Fund A	NUM (\$mil):	70,405					٦
No	o. of Stocks:	0					Large
% Asset	s in Top 10:	98.71					Mid
Avg Market	Cap (\$mil):	73,705.99					<u>a</u> :
P/E Ratio (T	TM)(Long):	17.23					Small
P/B Ratio (T	TM)(Long):	2.43					a a
Turnov	er Ratio %:	5.00		Value	Blend	Growth	

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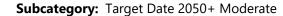
Risk Metrics								
	Actual	Median						
Standard Deviation								
3 Year:	15.79	16.16						
5 Year:	16.55	16.86						
10 Year:	13.24	13.55						
Information R	atio							
3 Year:	-0.53	-0.41						
5 Year:	0.10	-0.15						
10 Year:	0.20	-0.18						
Downside Cap	ture							
3 Year:	102.65	105.60						
5 Year:	101.05	103.11						
10 Year:	101.74	103.97						

Vanguard Target Retirement 2050 Fund

Portfolio Date:

Ticker: VFIFX Category: Target-Date 2050

Expense Ratio: 0.08 **Benchmark:** S&P Target Date 2050



Inception Date: 6/7/2006



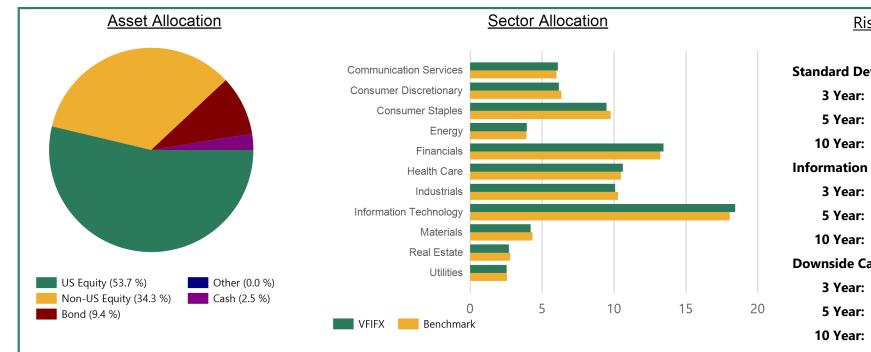
Risk: A

S ³ Scores	Scores Organization: B		Fees:	Α	Style/Portfolio Characteristics:				
<u>Portfol</u>	io Characteı	<u>ristics</u>			<u>Style</u>				
Fund A	NUM (\$mil):	57,753					ᡖ	20 ——	
No	o. of Stocks:	0					Large	15 ——	
% Asset	s in Top 10:	98.87					Mid	10 —	
Avg Market	Cap (\$mil):	73,285.43					<u>a</u> .		
P/E Ratio (T	TM)(Long):	17.20					Small	5 —	
P/B Ratio (T	TM)(Long):	2.42					<u>a</u>	0 —	
Turnov	ver Ratio %:	4.00		Value	Blend	Growth			

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Performance: A





Vanguard Target Retirement 2055 Fund

Ticker: VFFVX **Category:** Target-Date 2055

Expense Ratio: 0.08 **Benchmark:** S&P Target Date 2055

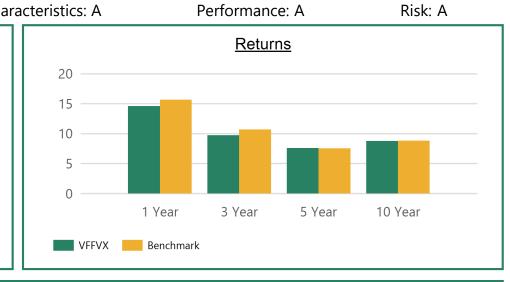
Subcategory: Target Date 2050+ Moderate

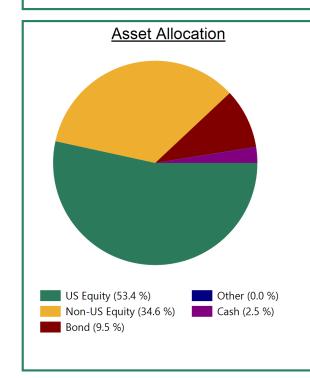
Inception Date: 8/18/2010

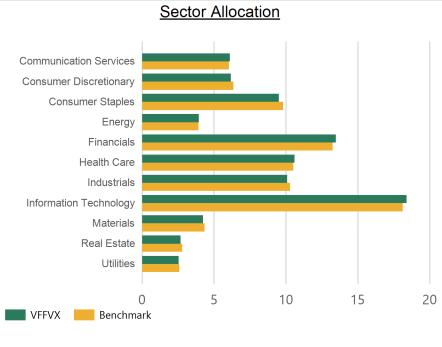


S ³ Scores	Organizat	ion: B	Fees: A		Style/P	ortfolio	Cha
Portfolio Characteristics					<u>Style</u>		
Fund A	NUM (\$mil):	37,112					Га
No	o. of Stocks:	0					Large
% Asset	s in Top 10:	98.91					Mid
Avg Market	Cap (\$mil):	72,904.54					ā
P/E Ratio (T	TM)(Long):	17.17					Small
P/B Ratio (T	TM)(Long):	2.41					<u>a</u>
Turnov	er Ratio %:	4.00	Val	lue	Blend	Growth	

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Risk Metrics								
	Actual	Median						
Standard Deviation								
3 Year:	16.07	16.46						
5 Year:	16.71	17.13						
10 Year:	13.33	13.65						
Information R	atio							
3 Year:	-0.72	-0.51						
5 Year:	0.04	-0.19						
10 Year:	-0.04	-0.22						
Downside Cap	ture							
3 Year:	102.07	104.72						
5 Year:	99.12	101.51						
10 Year:	98.52	100.36						

Vanguard Target Retirement 2060 Fund

Expense Ratio: 0.08

Portfolio Date:

Ticker: VTTSX Category: Target-Date 2060

Benchmark: S&P Target Date 2060

Subcategory: Target Date 2050+ Moderate

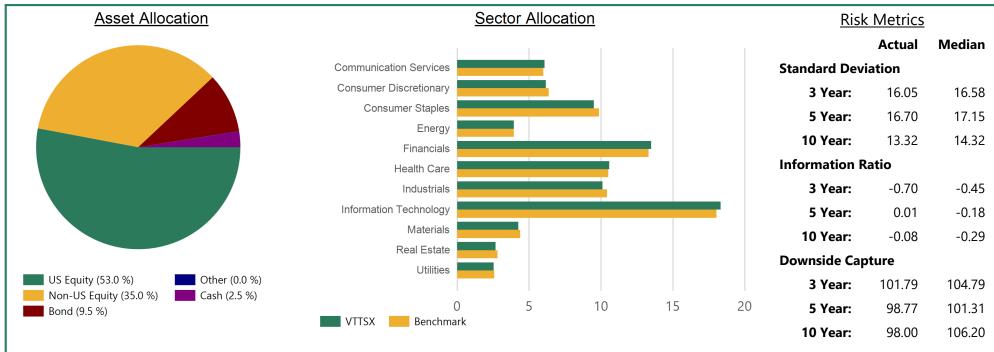
Inception Date: 1/19/2012



S ³ Scores	Organizat	ion: A	Fees: A		Style/Portfolio Cha			
<u>Portfol</u>	io Character	ristics			<u>Style</u>			
Fund A	AUM (\$mil):	19,523					La	
No	o. of Stocks:	0					Large	
% Asset	s in Top 10:	98.93					Mid	
Avg Market	Cap (\$mil):	72,317.20					ā	
P/E Ratio (T	TM)(Long):	17.13					Small	
P/B Ratio (T	TM)(Long):	2.40					a	
Turnov	ver Ratio %:	3.00		Value	Blend	Growth		

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Vanguard Target Retirement Income Fund

Ticker: VTINX **Category:** Target-Date Retirement Subcategory: Target Date Retirement Income

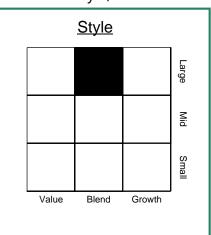
Moderate

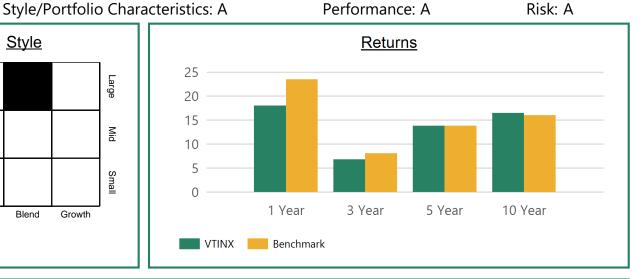
Benchmark: S&P Target Date Retirement Income **Expense Ratio: 0.08 Inception Date:** 10/27/2003

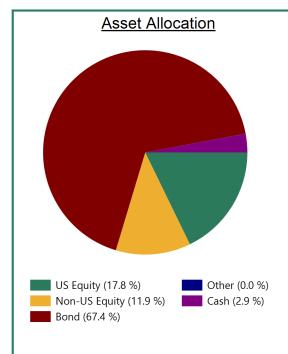
Fees: A

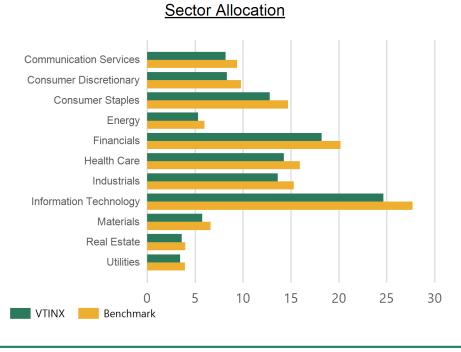
Segal Score







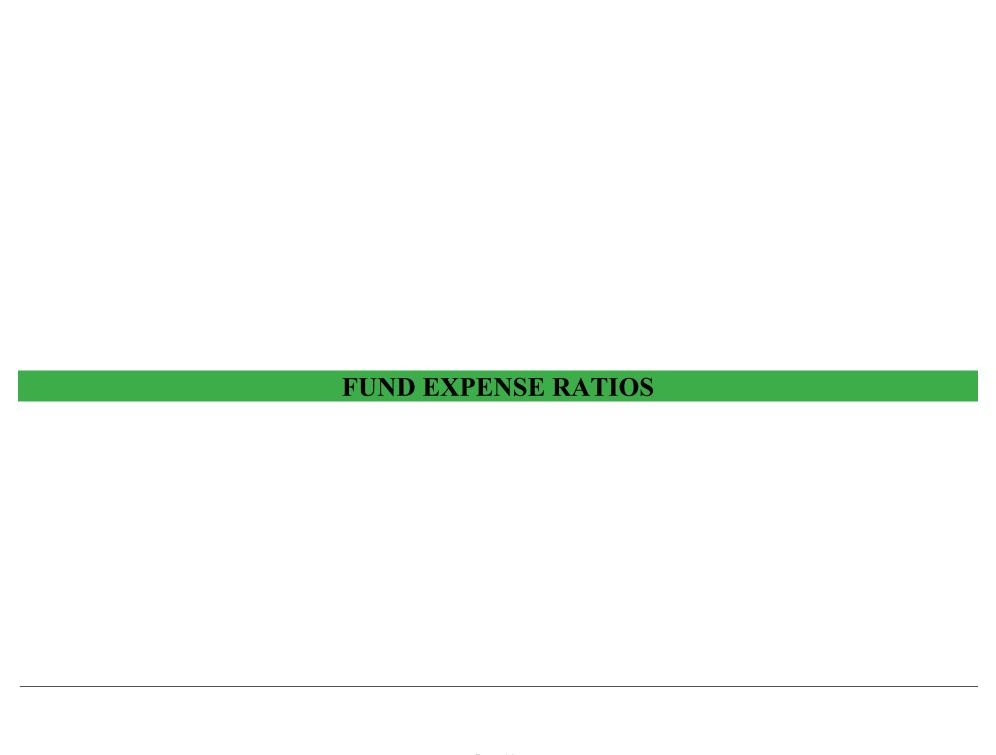




Risk Metrics								
	Actual	Median						
Standard Deviation								
3 Year:	8.05	8.62						
5 Year:	7.47	8.28						
10 Year:	5.78	6.24						
Information R	atio							
3 Year:	-0.42	-0.18						
5 Year:	-0.01	-0.14						
10 Year:	0.17	-0.23						
Downside Cap	ture							
3 Year:	108.98	115.30						
5 Year:	101.81	112.55						
10 Year:	99.45	112.07						

For Active Funds:							
Grade		Action					
Α	Above Average	No Action					
В	Above Average	No Action					
С	Average	Closely Monitor					
D	Watch List	Fund Alert					
F	Immediate Action	Terminate					
NA	< that 3 years of history	Check share class and inception date					

	For Index Funds:							
Grade		Action						
Α	Satisfactory	No Action						
В	Satisfactory	No Action						
С	Satisfactory	No Action						
D	Immediate Action	Terminate						
F	Immediate Action	Terminate						
NA	< that 3 years of history	Check share class and inception date						



Investment Option	Account Value as of 6/30/23	Revenue Share Payment (%)	Revenue Share Payment (\$)	Mutual Fund Expense Ratio (%)	Mutual Fund Total Expense (\$)	Net Participant Expense (%)
AmerFunds EuroPacific Growth Fund(R) - Class R6	\$ 458,853	0.00%	\$ -	0.47%	\$ 2,157	0.47%
AmerFunds Global Insight R6	\$ 215,988	0.00%	\$ -	0.46%	\$ 994	0.46%
Brown Capital Management Small Company Fund (The) - Inst	\$ 307,350	0.00%	\$ -	1.05%	\$ 3,227	1.05%
Eaton Vance Atlanta Capital SMID Class A	\$ 134,402	0.50%	\$ 672	1.14%	\$ 1,532	0.64%
Edgar Lomax Value Fund	\$ 515,150	0.40%	\$ 2,061	0.70%		0.30%
Fidelity Contrafund	\$ 882,108	0.25%	\$ 2,205	0.55%	\$ 4,852	0.30%
Harbor Small Cap Value	\$ 373,662	0.10%	\$ 374	0.88%	\$ 3,288	0.78%
JPMorgan Mid Cap Value Fund - R6	\$ 265,614	0.00%	\$ -	0.65%	\$ 1,726	0.65%
MassMutual US Gov't MM Fund	\$ -	0.00%	\$ -	0.54%	\$ -	0.00%
MFS International Value Fund - Class R3	\$ 449,044	0.50%	\$ 2,245	0.97%	\$ 4,356	0.47%
Neuberger Berman Genesis Fund - R6	\$ 263,278	0.00%	\$ -	0.74%	\$ 1,948	0.74%
Parnassus Core Equity Fund - Institutional Shares	\$ 859,666	0.10%	\$ 860	0.61%	\$ 5,244	0.51%
PIMCO Total Return Fund - R Shares	\$ 758,636	0.70%	\$ 5,310	1.05%	\$ 7,966	0.35%
TCW Total Return Bond Institutional Shares	\$ 764,696	0.10%	\$ 765	0.49%	\$ 3,747	0.39%
Vanguard Institutional Index	\$ 1,197,340	0.00%	\$ -	0.035%	\$ 419	0.04%
Vanguard Mid-Cap Index Fund - Admiral Shares	\$ 622,307	0.00%	\$ -	0.05%	\$ 311	0.05%
Vanguard REIT Index Fund Admiral Shares	\$ 288,732	0.00%	\$ -	0.12%	\$ 346	0.12%
Vanguard Target Retirement 2020 Fund - Investor Shares	\$ 1,148,331	0.00%	\$ -	0.08%		0.08%
Vanguard Target Retirement 2025 Fund - Investor Shares	\$ 3,148,973	0.00%	\$ -	0.08%	\$ 2,519	0.08%
Vanguard Target Retirement 2030 Fund - Investor Shares	\$ 4,146,402	0.00%	\$ -	0.08%	\$ 3,317	0.08%
Vanguard Target Retirement 2035 Fund - Investor Shares	\$ 3,896,805	0.00%	\$ -	0.08%	\$ 3,117	0.08%
Vanguard Target Retirement 2040 Fund - Investor Shares	\$ 3,911,209	0.00%	\$ -	0.08%	\$ 3,129	0.08%
Vanguard Target Retirement 2045 Fund - Investor Shares	\$ 5,613,203	0.00%	\$ -	0.08%	\$ 4,491	0.08%
Vanguard Target Retirement 2050 Fund - Investor Shares	\$ 7,673,855	0.00%	\$ -	0.08%	\$ 6,139	0.08%
Vanguard Target Retirement 2055 Fund - Investor Shares	\$ 10,160,964	0.00%	\$ -	0.08%	\$ 8,129	0.08%
Vanguard Target Retirement 2060 Fund - Investor Shares	\$ 10,510,034	0.00%	\$ -	0.08%	\$ 8,408	0.08%
Vanguard Target Retirement Income Inv	\$ 419,722	0.00%	\$ -	0.08%	\$ 336	0.08%
Delaware Ivy High Income	\$ 69,376	0.00%	\$ -	0.60%	\$ 416	0.60%
Subtotal of Non-Fixed Investment Options	\$ 59,055,700	0.02%	\$14,492	0.15%	\$ 86,639	
Fixed Option (SAGIC)	\$ 1,411,878	0.00%	\$ -	0.42%	\$ 5,930	

Fixed Option (SAGIC)	\$ 1,411,878	0.00% \$	-	0.42% \$	5,930	
TOTAL OF ALL INVESTMENT OPTIONS	\$ 60,467,578	0.02% \$	14,492	0.15% \$	92,569	
•						
TOTAL ANNUAL PLAN COST		0.02%		0.15%		

All Funds	
Average Expense Ratio	0.43%
Weighted Average Expense Ratio	0.15%
Weighted Revenue Sharing	0.02%
Plan Revenue Requirement*	0.04%

^{*} Plan Revenue Requirement is currently 4 bps. Any amount collected over 4 bps is reimbursed to the Plan.



The Plan moved to fee leveling in June 2022. The Plan Revenue Requirement will remain at 4 bps, however; revenue sharing from individual fund options will no longer be used to pay for Plan expenses. Plan expenses will be paid using a flat basis point fee.

Note: The data used in this report for expense ratios and revenue sharing amount was provided by MassMutual as of 6/30/23