

# American Century Mid Cap Value I AVUAX

**Morningstar Category**  
Mid-Cap Value

**Morningstar Index**  
Russell Mid Cap Value TR USD

## Portfolio Manager(s)

Michael Liss since 03-2004  
Kevin Toney since 08-2008  
Brian Woglom since 02-2012  
Nathan Rawlins since 03-2022

## Quantitative Screens

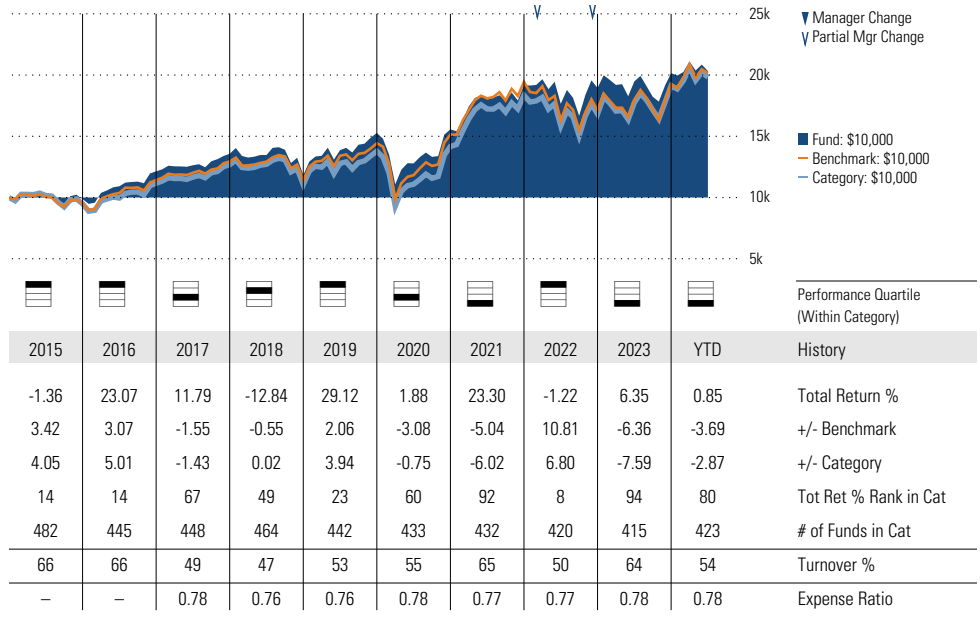
**Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 8 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 20.26 years.

**Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.78 is 17.89% lower than the Mid-Cap Value category average.

## Growth of \$10,000



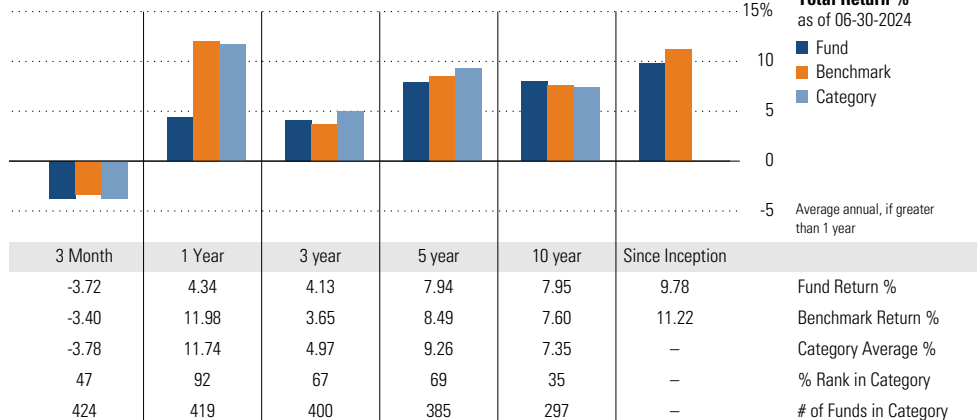
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

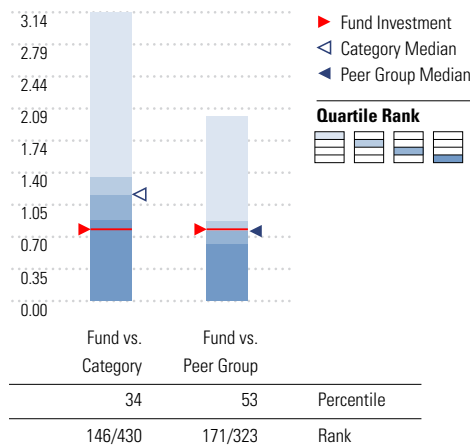
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.98	-	1.43
Beta	0.79	-	0.94
R-Squared	93.26	-	94.50
Standard Deviation	16.08	19.56	18.98
Sharpe Ratio	0.12	0.11	0.17
Tracking Error	5.80	-	4.66
Information Ratio	0.08	-	0.29
Up Capture Ratio	80.50	-	95.14
Down Capture Ratio	77.11	-	90.33

## Portfolio Metrics

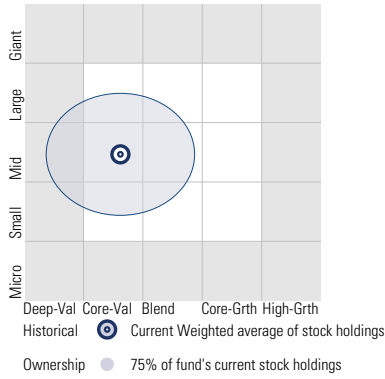
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.19	18.30	15.59
Price/Book Ratio	1.98	2.22	1.87
Geom Avg Mkt Cap \$B	20.01	19.76	14.99
ROE	13.99	14.51	13.17

# American Century Mid Cap Value I AVUAX

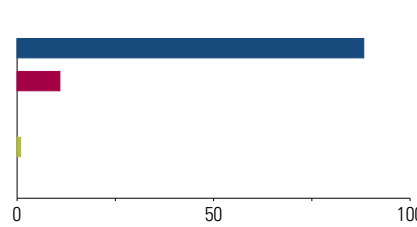
**Morningstar Category**  
Mid-Cap Value

**Morningstar Index**  
Russell Mid Cap Value TR USD

**Style Analysis** as of 06-30-2024  
Morningstar Style Box™

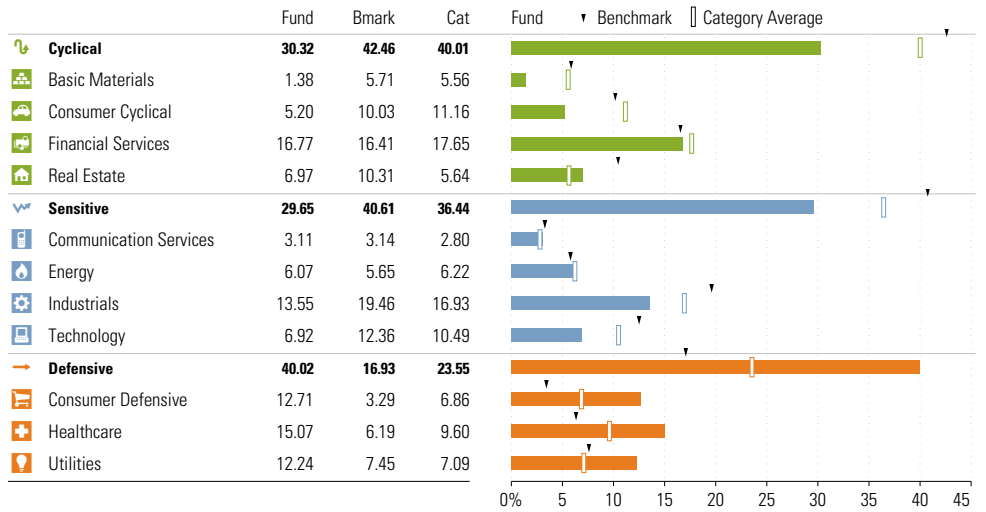


**Asset Allocation** as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	88.21	90.53
Non-US Stocks	10.89	7.09
Bonds	0.00	0.03
Cash	0.91	2.21
Other	0.00	0.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024



**Style Breakdown**



**Top 15 Holdings** as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Zimmer Biomet Holdings Inc	3.03	3.03	-10.43	Healthcare
⊖ Bank of New York Mellon Corp	2.24	5.27	16.68	Financial Services
⊖ Conagra Brands Inc	2.14	7.41	1.61	Consumer Defensive
⊖ Enterprise Products Partners LP	2.00	9.41	13.89	Energy
⊖ Koninklijke Ahold Delhaize NV	1.90	11.31	8.20	Consumer Defensive
⊖ Northern Trust Corp	1.89	13.20	1.30	Financial Services
⊕ Henry Schein Inc	1.89	15.10	-15.33	Healthcare
⊕ Willis Towers Watson PLC	1.89	16.99	9.41	Financial Services
⊖ Quest Diagnostics Inc	1.85	18.84	0.33	Healthcare
⊕ Edison International	1.85	20.69	1.54	Utilities
⊕ Norfolk Southern Corp	1.79	22.48	-8.03	Industrials
⊖ Allstate Corp	1.72	24.20	15.37	Financial Services
NorthWestern Energy Group Inc	1.70	25.90	0.96	Utilities
⊖ Kimberly-Clark Corp	1.64	27.54	15.74	Consumer Defensive
⊖ Truist Financial Corp	1.57	29.11	8.04	Financial Services

**Total Holdings 106**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Andrew Suzman since 10-2008  
Steven Watson since 10-2008  
Patrice Collette since 09-2010  
Leo Hee since 07-2015  
Michael Cohen since 07-2018  
Lisa Thompson since 09-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 15.76 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.54 is 37.21% lower than the Foreign Large Blend category average.

## Growth of \$10,000



## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.95	-	0.70
Beta	1.00	-	1.02
R-Squared	94.48	-	92.87
Standard Deviation	16.85	16.36	17.37
Sharpe Ratio	-0.04	-0.10	-0.05
Tracking Error	3.96	-	4.65
Information Ratio	0.23	-	0.16
Up Capture Ratio	105.49	-	107.65
Down Capture Ratio	101.52	-	105.02

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.90	15.74	15.78
Price/Book Ratio	1.82	1.81	1.94
Geom Avg Mkt Cap \$B	57.53	51.02	60.43
ROE	20.14	17.31	19.31

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	5.19	3.61
Non-US Stocks	88.29	93.77
Bonds	0.42	0.78
Cash	5.91	0.31
Other	0.19	1.53
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.78</b>	<b>40.76</b>	<b>38.60</b>			
Basic Materials	5.10	7.04	6.48			
Consumer Cyclical	9.44	10.49	10.85			
Financial Services	19.59	21.39	19.73			
Real Estate	1.65	1.84	1.54			
<b>Sensitive</b>	<b>43.56</b>	<b>39.56</b>	<b>39.44</b>			
Communication Services	7.61	5.72	4.86			
Energy	5.05	5.69	5.01			
Industrials	14.81	13.53	16.71			
Technology	16.09	14.62	12.86			
<b>Defensive</b>	<b>20.67</b>	<b>19.67</b>	<b>21.96</b>			
Consumer Defensive	9.50	7.12	8.04			
Healthcare	9.26	9.68	11.59			
Utilities	1.91	2.87	2.33			

## World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	28.98	34.66	Americas	13.27	8.64	Greater Europe	57.76	56.68	Developed Markets	88.49
Japan	7.09	19.06	North America	9.94	7.55	United Kingdom	13.65	13.73	Emerging Markets	11.51
Australasia	0.42	4.65	Central/Latin	3.33	1.09	W euro-ex UK	43.39	42.09	Not Available	0.00
Asia-4 Tigers	13.67	6.40				Emrgng Europe	0.00	0.10		
Asia-ex 4 Tigers	7.80	4.55				Africa	0.72	0.76		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	6.02	6.02	-	-
⊖ Taiwan Semiconductor Manufacturing Co Ltd	4.04	10.06	-	Technology
⊖ Novo Nordisk A/S Class B	3.39	13.45	44.77	Healthcare
⊖ ASML Holding NV	2.57	16.03	40.74	Technology
⊖ AstraZeneca PLC	2.55	18.58	21.15	Healthcare
⊖ TotalEnergies SE	2.03	20.61	4.44	Energy
⊖ MediaTek Inc	1.93	22.53	-	Technology
⊖ Airbus SE	1.69	24.23	-5.96	Industrials
⊖ BAE Systems PLC	1.64	25.86	20.53	Industrials
⊖ Broadcom Inc	1.45	27.31	44.77	Technology

**Total Holdings 250**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
Global Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

Robert Lovelace since 12-2000  
 Joanna Jonsson since 12-2005  
 Steven Watson since 12-2005  
 Brady Enright since 12-2005  
 Noriko Chen since 04-2012  
 Andraz Razen since 07-2015  
 Barbara Burtin since 12-2018  
 Patrice Collette since 12-2018  
 Kohei Higashi since 12-2020  
 Anne-Marie Peterson since 12-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Global Large-Stock Growth category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 23.59 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 60.38% lower than the Global Large-Stock Growth category average.

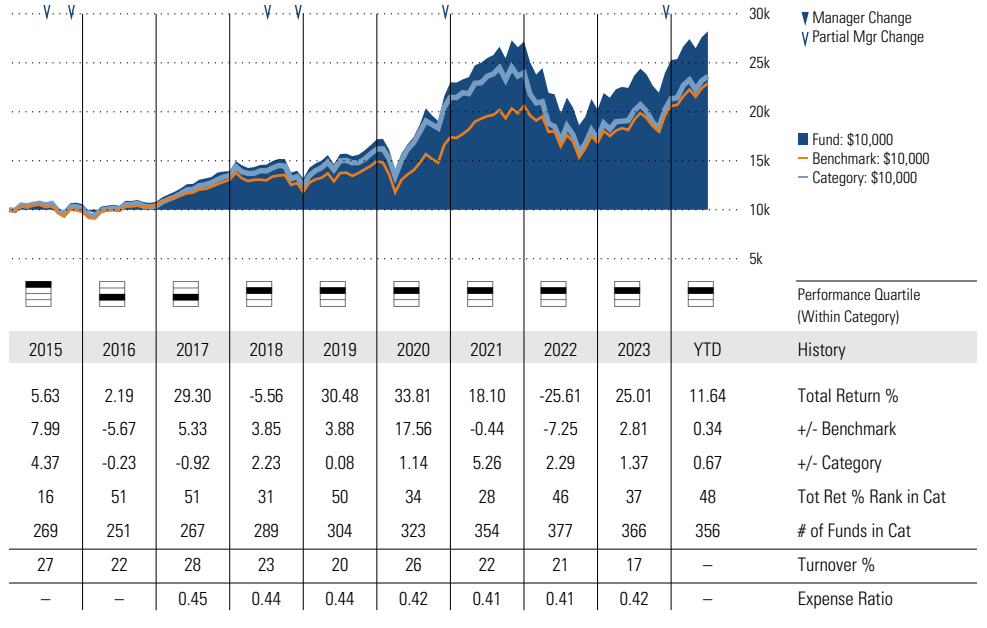
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

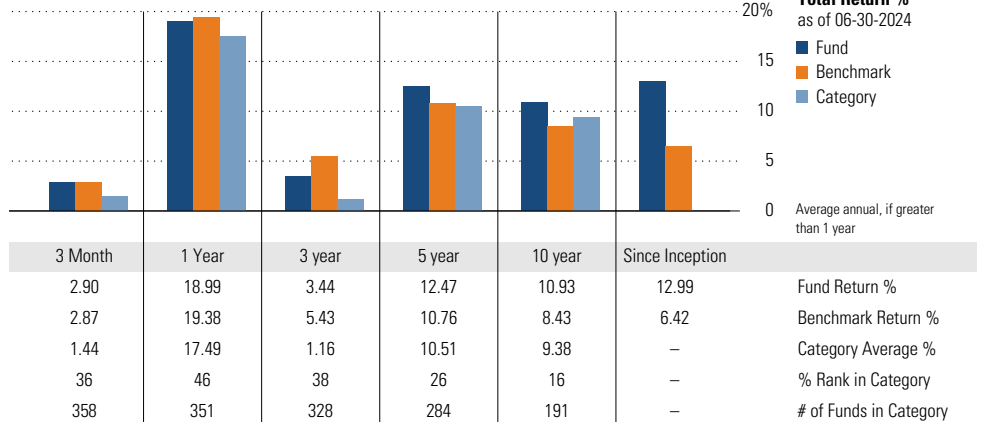
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

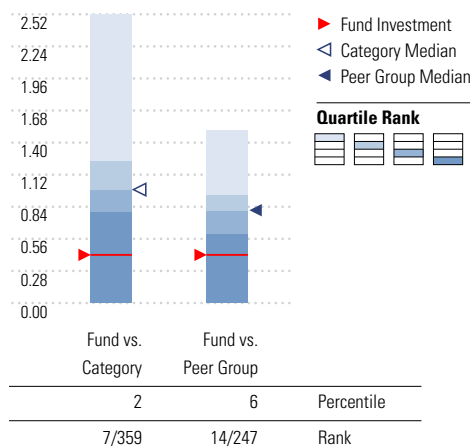
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.23	-	-3.96
Beta	1.10	-	1.14
R-Squared	96.49	-	89.40
Standard Deviation	18.76	16.76	20.31
Sharpe Ratio	0.09	0.20	0.03
Tracking Error	3.89	-	7.01
Information Ratio	-0.51	-	-0.48
Up Capture Ratio	105.37	-	103.69
Down Capture Ratio	114.69	-	120.61

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.59	21.47	29.76
Price/Book Ratio	3.88	2.98	5.15
Geom Avg Mkt Cap \$B	173.08	157.67	226.53
ROE	27.30	27.46	31.14

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
Global Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	51.82	60.61
Non-US Stocks	43.73	36.70
Bonds	0.00	0.00
Cash	4.37	2.05
Other	0.09	0.64
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	11.89	11.65	Americas	57.81	65.39	Greater Europe	30.30	22.97	Developed Markets	96.07
Japan	3.98	3.91	North America	56.61	63.94	United Kingdom	5.68	3.52	Emerging Markets	3.93
Australasia	0.28	0.21	Central/Latin	1.20	1.45	W euro-ex UK	24.28	19.07	Not Available	0.00
Asia-4 Tigers	5.20	3.47				Emrgng Europe	0.00	0.01		
Asia-ex 4 Tigers	2.43	4.06				Africa	0.34	0.37		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.32	4.32	-	-
Microsoft Corp	3.68	8.00	19.26	Technology
Meta Platforms Inc Class A	3.39	11.39	42.73	Communication Svc
Novo Nordisk A/S Class B	3.24	14.63	44.77	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	3.09	17.72	-	Technology
Broadcom Inc	2.87	20.58	44.77	Technology
NVIDIA Corp	2.00	22.58	149.49	Technology
AstraZeneca PLC	1.71	24.30	21.15	Healthcare
Eli Lilly and Co	1.66	25.95	55.76	Healthcare
Tesla Inc	1.61	27.56	-20.36	Consumer Cyclical

**Total Holdings 271**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

- Carl Kawaja since 06-1999
- Robert Lovelace since 06-1999
- Christopher Thomsen since 01-2009
- Winnie Kwan since 01-2009
- Tomonori Tani since 10-2013
- Bradford Freer since 01-2017
- Akira Shiraishi since 01-2017
- Lisa Thompson since 10-2019
- Kirstie Spence since 12-2019
- Dawid Justus since 01-2020
- Piyada Phanaphat since 01-2020
- Matt Hochstetler since 01-2024

## Quantitative Screens

**Performance:** The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 25.05 years.

**Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.57 is 49.11% lower than the Diversified Emerging Mkts category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

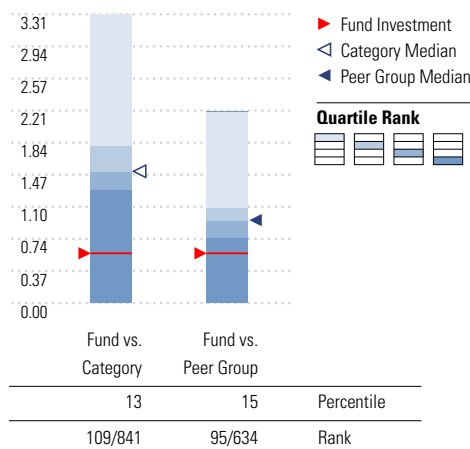
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.67	-	-0.48
Beta	0.80	-	0.94
R-Squared	77.72	-	87.49
Standard Deviation	16.06	17.80	17.99
Sharpe Ratio	-0.29	-0.40	-0.40
Tracking Error	8.41	-	6.25
Information Ratio	0.31	-	-0.06
Up Capture Ratio	83.62	-	94.57
Down Capture Ratio	77.23	-	96.94

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.93	14.98	14.90
Price/Book Ratio	3.22	1.74	1.90
Geom Avg Mkt Cap \$B	80.78	45.58	50.03
ROE	23.38	16.00	17.80

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	21.34	2.68
Non-US Stocks	70.13	95.62
Bonds	3.41	0.00
Cash	4.95	1.63
Other	0.16	0.07
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	43.48	75.02	Americas	33.50	14.06	Greater Europe	23.02	10.90	Developed Markets	57.92
Japan	2.93	0.08	North America	24.86	2.20	United Kingdom	2.76	0.57	Emerging Markets	42.08
Australasia	0.00	0.02	Central/Latin	8.64	11.86	W euro-ex UK	17.57	1.89	Not Available	0.00
Asia-4 Tigers	9.65	29.91				Emrgng Europe	0.44	2.16		
Asia-ex 4 Tigers	30.90	45.01				Africa	2.25	6.28		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	4.97	4.97	—	—
⊕ Taiwan Semiconductor Manufacturing Co Ltd	3.80	8.76	—	Technology
Microsoft Corp	2.86	11.62	19.26	Technology
⊕ Novo Nordisk A/S Class B	2.32	13.95	44.77	Healthcare
⊕ Tencent Holdings Ltd	2.16	16.10	27.21	Communication Svc
⊕ NVIDIA Corp	1.61	17.71	149.49	Technology
⊕ MercadoLibre Inc	1.55	19.26	4.57	Consumer Cyclical
⊕ Meta Platforms Inc Class A	1.53	20.79	42.73	Communication Svc
⊖ Eli Lilly and Co	1.38	22.17	55.76	Healthcare
⊖ Broadcom Inc	1.36	23.53	44.77	Technology

**Total Holdings 575**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# American Funds Washington Mutual R6 RWMGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Portfolio Manager(s)

- Alan Berro since 07-1997
- Alan Wilson since 07-2013
- Diana Wagner since 06-2014
- Jin Lee since 07-2014
- Eric Stern since 11-2014
- Irfan Furniturewala since 06-2015
- Emme Kozloff since 07-2016
- Mark Casey since 07-2016
- Aline Avzaradel since 07-2021

## Quantitative Screens

**Performance:** The fund has finished in the Large Blend category's top three quartiles in 7 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 27.02 years.

**Style:** The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.26 is 65.33% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	0.12	13.73	20.54	-2.66	25.93	8.08	28.90	-8.18	17.59	11.44	Total Return %
+/- Benchmark	-1.26	1.77	-1.29	1.72	-5.56	-10.32	0.19	9.93	-8.70	-3.85	+/- Benchmark
+/- Category	1.19	3.36	0.10	3.61	-2.85	-7.75	2.83	8.78	-4.73	-1.20	+/- Category
Tot Ret % Rank in Cat	8	58	10	12	82	90	21	5	79	68	Tot Ret % Rank in Cat
# of Funds in Cat	1,535	1,433	1,414	1,421	1,429	1,425	1,444	1,467	1,472	1,578	# of Funds in Cat
Turnover %	24	30	21	25	25	30	24	19	30	31	Turnover %
Expense Ratio	-	-	0.30	0.29	0.29	0.27	0.27	0.26	0.26	0.26	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	2.05	21.53	10.31	12.91	11.42	13.97	Fund Return %
Benchmark Return %	4.28	24.56	10.01	15.05	12.86	11.07	Benchmark Return %
Category Average %	2.41	21.37	7.97	13.28	11.23	-	Category Average %
% Rank in Category	63	60	17	65	54	-	% Rank in Category
# of Funds in Category	1,594	1,534	1,404	1,284	953	-	# of Funds in Category

## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.85	-	-1.34
Beta	0.82	-	0.94
R-Squared	92.48	-	94.58
Standard Deviation	15.20	17.86	17.23
Sharpe Ratio	0.50	0.44	0.33
Tracking Error	5.28	-	3.71
Information Ratio	0.06	-	-1.35
Up Capture Ratio	86.78	-	91.28
Down Capture Ratio	80.62	-	96.41

## Portfolio Metrics

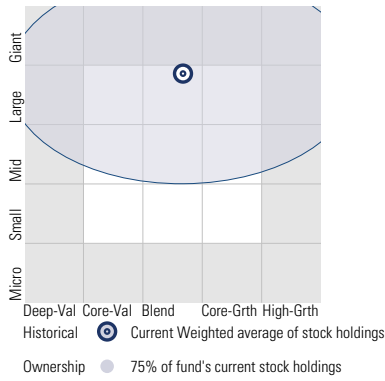
	Fund	Bmark	Cat
Price/Earnings Ratio	23.85	26.54	24.04
Price/Book Ratio	4.02	4.62	4.83
Geom Avg Mkt Cap \$B	200.54	322.33	370.57
ROE	28.57	33.73	34.43

# American Funds Washington Mutual R6 RWMGX

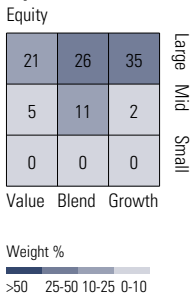
**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

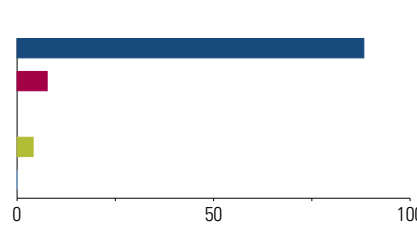
**Style Analysis** as of 06-30-2024  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	88.23	95.30
Non-US Stocks	7.65	2.49
Bonds	0.00	-0.44
Cash	4.08	1.51
Other	0.03	1.13
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>27.64</b>	<b>26.22</b>	<b>27.77</b>			
Basic Materials	2.73	1.95	2.65			
Consumer Cyclical	6.60	10.11	9.88			
Financial Services	16.12	12.01	13.37			
Real Estate	2.19	2.15	1.87			
<b>Sensitive</b>	<b>44.52</b>	<b>53.92</b>	<b>51.57</b>			
Communication Services	5.50	9.34	8.51			
Energy	5.08	3.65	3.82			
Industrials	11.08	7.56	10.04			
Technology	22.86	33.37	29.20			
<b>Defensive</b>	<b>27.85</b>	<b>19.85</b>	<b>20.66</b>			
Consumer Defensive	8.20	5.75	5.93			
Healthcare	16.23	11.74	12.54			
Utilities	3.42	2.36	2.19			

**Top 15 Holdings** as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	6.43	6.43	44.77	Technology
⊖ Microsoft Corp	6.33	12.76	19.26	Technology
⊕ Capital Group Central Cash Fund	3.94	16.70	-	-
⊖ Eli Lilly and Co	3.06	19.76	55.76	Healthcare
⊕ UnitedHealth Group Inc	2.97	22.73	-2.51	Healthcare
⊖ Marsh & McLennan Companies Inc	2.27	25.01	11.96	Financial Services
⊕ Apple Inc	2.18	27.18	9.65	Technology
⊕ Philip Morris International Inc	1.85	29.03	10.47	Consumer Defensive
⊖ Comcast Corp Class A	1.76	30.79	-9.33	Communication Svc
⊕ Alphabet Inc Class C	1.64	32.44	30.29	Communication Svc
⊖ JPMorgan Chase & Co	1.62	34.05	20.20	Financial Services
⊕ ASML Holding NV ADR	1.54	35.60	35.58	Technology
⊖ AbbVie Inc	1.48	37.08	12.68	Healthcare
⊖ Exxon Mobil Corp	1.24	38.32	17.04	Energy
⊖ The Home Depot Inc	1.21	39.52	0.63	Consumer Cyclical

**Total Holdings 182**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

- M. Sharon deGuzman since 09-2000
- Mary Ellen Stanek since 09-2000
- Charles Groeschell since 09-2000
- Warren Pierson since 09-2000
- Meghan Dean since 05-2019
- Jay Schwister since 05-2019
- Jeffrey Schrom since 05-2019
- Patrick Brown since 05-2021
- Abhishek Pulakanti since 05-2022
- Andrew O'Connell since 05-2022

## Quantitative Screens

**Performance:** The fund has finished in the Intermediate Core Bond category's top three quartiles in 10 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 23.77 years.

Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.3 is 42.31% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

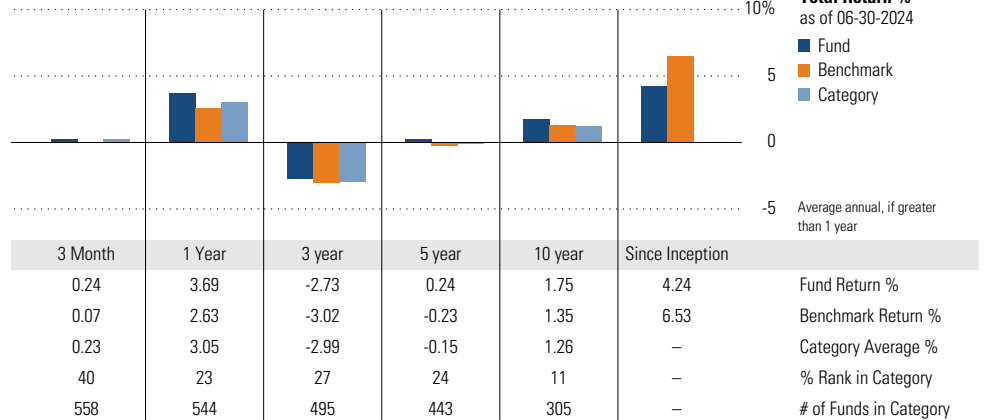
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
ESG Commitment	1-Low	02-15-2022

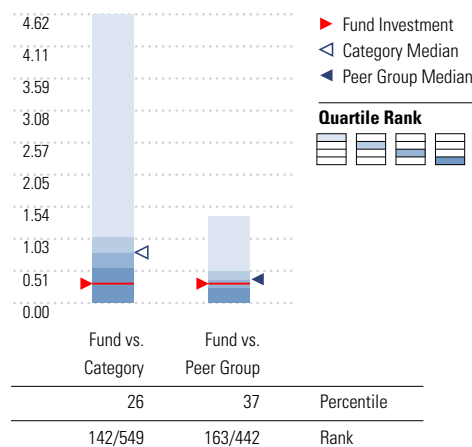
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.35	-	-0.08
Beta	1.01	-	0.98
R-Squared	99.64	-	97.76
Standard Deviation	7.56	7.43	7.36
Sharpe Ratio	-0.79	-0.85	-0.86
Tracking Error	0.47	-	0.99
Information Ratio	0.62	-	-0.20
Up Capture Ratio	102.15	-	96.79
Down Capture Ratio	99.01	-	97.79

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.21	4.43	6.00
Avg Eff Maturity	8.23	-	8.77

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
Bloomberg US Agg Bond TR USD

**Style Analysis** as of 06-30-2024

**Style Breakdown**



**Asset Allocation** as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.02
Bonds	97.85	93.87
Cash	2.08	4.13
Other	0.07	1.89
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	62.90	3.53	23.71
AA	3.30	74.59	40.42
A	12.50	10.82	21.59
BBB	21.10	8.32	12.31
BB	0.20	0.28	0.68
B	0.00	0.00	0.49
Below B	0.00	0.00	0.21
Not Rated	0.00	2.46	0.59

**Sector Weighting** as of 06-30-2024



**Top 10 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 1.13%	10-2026	3.63	3.63	-
⊕ First American Government Obligs U	02-2030	1.91	5.54	-
⊖ United States Treasury Notes 2.38%	03-2029	1.89	7.43	-
United States Treasury Bonds 2.88%	05-2043	1.76	9.19	-
⊖ United States Treasury Bonds 2.5%	02-2045	1.74	10.94	-
United States Treasury Bonds 2.88%	05-2052	1.61	12.55	-
⊕ United States Treasury Bonds 3.88%	05-2043	1.54	14.09	-
United States Treasury Bonds 2.38%	02-2042	1.52	15.61	-
⊕ United States Treasury Bonds 3.38%	08-2042	1.48	17.09	-
⊕ United States Treasury Notes 4.13%	02-2027	1.37	18.46	-

**Total Holdings 1810**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock Global Allocation Instl MALOX

**Morningstar Category**  
Global Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Portfolio Manager(s)

Russ Koesterich since 01-2017  
Rick Rieder since 04-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Global Allocation category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.5 years.

✘ **Style:** The fund has landed in its primary style box — Large Blend — 56.25 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.84 is 25% lower than the Global Allocation category average.

## Morningstar Investment Management LLC Analysis

This allocation fund fails the style consistency screen because the equity portion of the fund can move within the Stylebox at times. This is not surprising, given that part of the equity bucket is dedicated to a thematic sleeve, that can lead to different parts of the stock market depending on which themes are in play. But, as a broad, global allocation fund, we are not concerned with this screen failure.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	09-30-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.88	-	0.44
Beta	0.93	-	0.90
R-Squared	97.83	-	87.25
Standard Deviation	12.26	13.05	12.63
Sharpe Ratio	-0.20	-0.11	-0.09
Tracking Error	2.03	-	4.38
Information Ratio	-0.46	-	-0.03
Up Capture Ratio	92.73	-	94.21
Down Capture Ratio	97.49	-	92.39

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.93	20.57	19.03
Price/Book Ratio	3.02	2.73	2.45
Avg Eff Duration	7.00	-	3.97

# BlackRock Global Allocation Instl MALOX

**Morningstar Category**  
Global Allocation

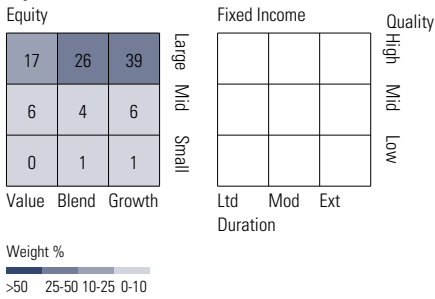
**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Style Analysis as of 06-30-2024

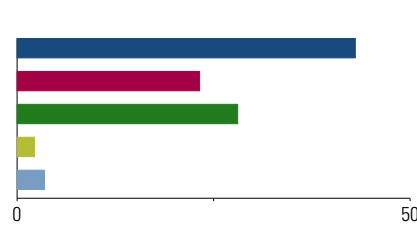
Morningstar Style Box™



## Style Breakdown

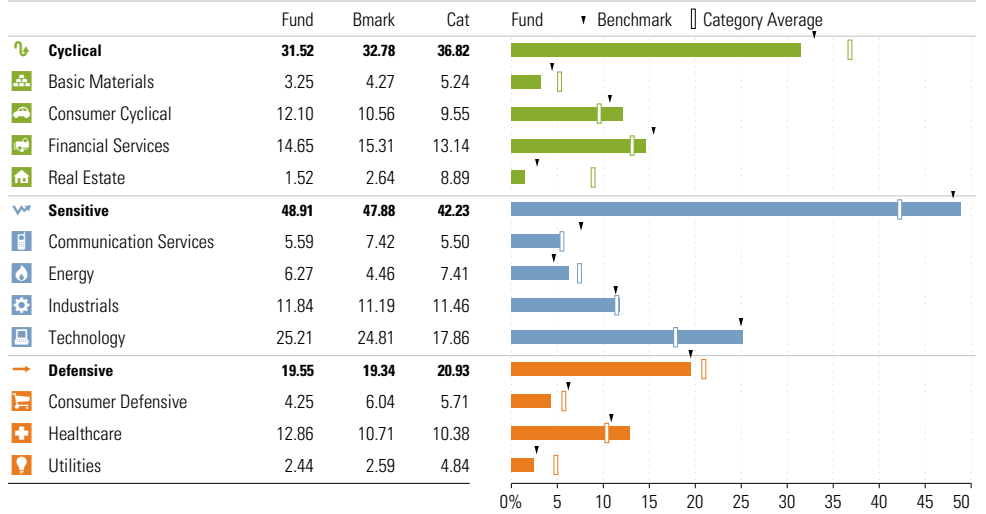


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	43.03	34.26
Non-US Stocks	23.22	23.58
Bonds	28.06	28.83
Cash	2.20	7.43
Other	3.49	5.89
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 10 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	—	3.12	3.12	19.26	Technology
⊖ NVIDIA Corp	—	2.30	5.42	149.49	Technology
⊖ Amazon.com Inc	—	1.93	7.35	27.19	Consumer Cyclical
⊖ Apple Inc	—	1.59	8.94	9.65	Technology
⊕ Alphabet Inc Class C	—	1.57	10.51	30.29	Communication Svc
⊖ Mastercard Inc Class A	—	1.14	11.65	3.74	Financial Services
ASML Holding NV	—	1.03	12.68	41.91	Technology
⊖ JPMorgan Chase & Co	—	1.03	13.72	20.20	Financial Services
⊕ UnitedHealth Group Inc	—	0.75	14.47	-2.51	Healthcare
BAE Systems PLC	—	0.75	15.22	20.53	Industrials

## Total Holdings 2402

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

**Morningstar Index**  
Bloomberg US Treasury US TIPS TR USD

## Portfolio Manager(s)

David Rogal since 03-2018  
Harrison Segall since 02-2024  
Johan Sjogren since 02-2024

## Quantitative Screens

✔ **Performance:** The fund has finished in the Inflation-Protected Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.3 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.84 is 21.74% higher than the Inflation-Protected Bond category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

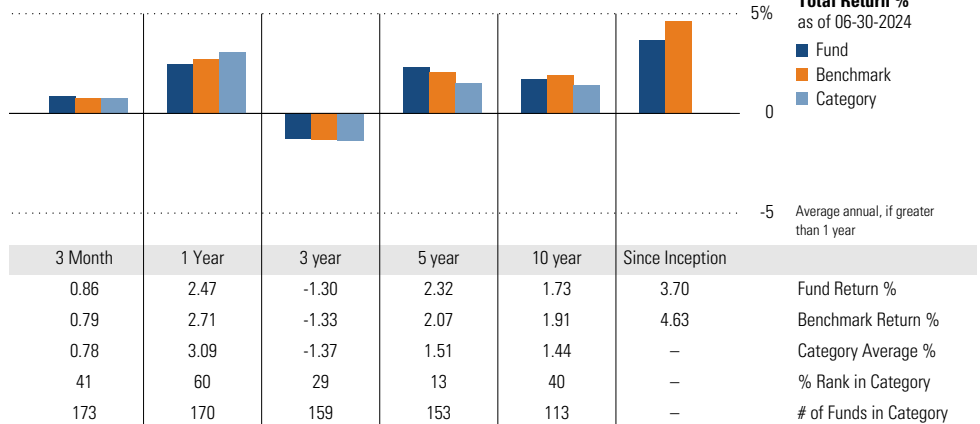
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.06	-	-0.35
Beta	1.01	-	0.99
R-Squared	99.22	-	95.77
Standard Deviation	7.34	7.21	7.77
Sharpe Ratio	-0.60	-0.62	-0.65
Tracking Error	0.66	-	1.76
Information Ratio	0.05	-	-0.55
Up Capture Ratio	100.47	-	96.99
Down Capture Ratio	100.08	-	101.24

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.49	4.52	6.02
Avg Eff Maturity	-	-	7.05

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

**Morningstar Index**  
Bloomberg US Treasury US TIPS TR USD

## Style Analysis as of 06-30-2024

### Style Breakdown



## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.17	0.14
Non-US Stocks	0.00	0.00
Bonds	111.14	90.94
Cash	-11.33	7.86
Other	0.00	1.06
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	1.92	0.00	25.98
AA	93.09	99.60	70.29
A	0.47	0.00	0.61
BBB	0.61	0.00	0.79
BB	0.91	0.00	0.09
B	0.07	0.00	0.01
Below B	0.00	0.00	0.09
Not Rated	2.93	0.40	2.14

## Sector Weighting as of 06-30-2024



## Top 10 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	07-2033	3.78	3.78	-
⊖ United States Treasury Notes	07-2032	3.63	7.41	-
⊖ United States Treasury Notes	01-2034	3.53	10.94	-
⊖ United States Treasury Notes	01-2033	3.51	14.44	-
⊖ United States Treasury Notes	10-2028	3.46	17.90	-
⊕ United States Treasury Notes	10-2027	3.39	21.29	-
⊖ United States Treasury Notes	07-2025	3.35	24.64	-
⊖ United States Treasury Notes	01-2032	3.33	27.97	-
⊖ RRP TREASURY (CPI) NOTE 2.375 15-0 HSSUS	07-2024	3.22	31.19	-
⊖ United States Treasury Notes	04-2028	3.20	34.39	-

**Total Holdings 302**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Kelley Carabasi since 07-2012  
Kent Madden since 07-2012  
Michael Foley since 07-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.01 years.

✔ **Style:** The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.86 is 22.52% lower than the Small Value category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.85	-	3.25
Beta	0.94	-	0.93
R-Squared	95.10	-	93.57
Standard Deviation	21.16	21.93	20.96
Sharpe Ratio	0.05	-0.07	0.07
Tracking Error	4.86	-	5.43
Information Ratio	0.60	-	0.65
Up Capture Ratio	99.02	-	97.14
Down Capture Ratio	90.44	-	87.41

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.05	12.54	14.15
Price/Book Ratio	1.64	1.29	1.57
Geom Avg Mkt Cap \$B	4.85	2.18	4.55
ROE	13.03	5.61	12.76

# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

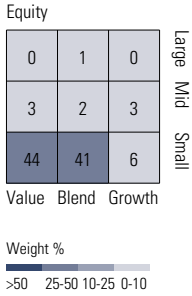
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 06-30-2024

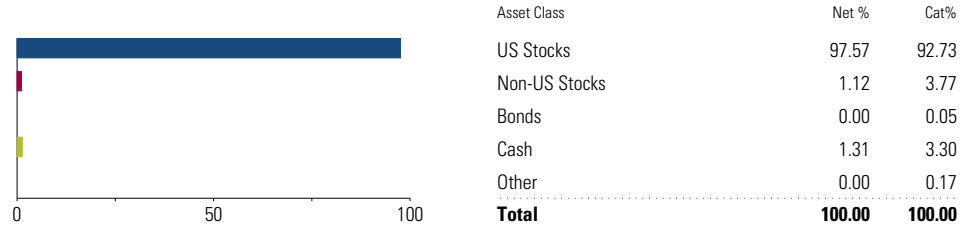
Morningstar Style Box™



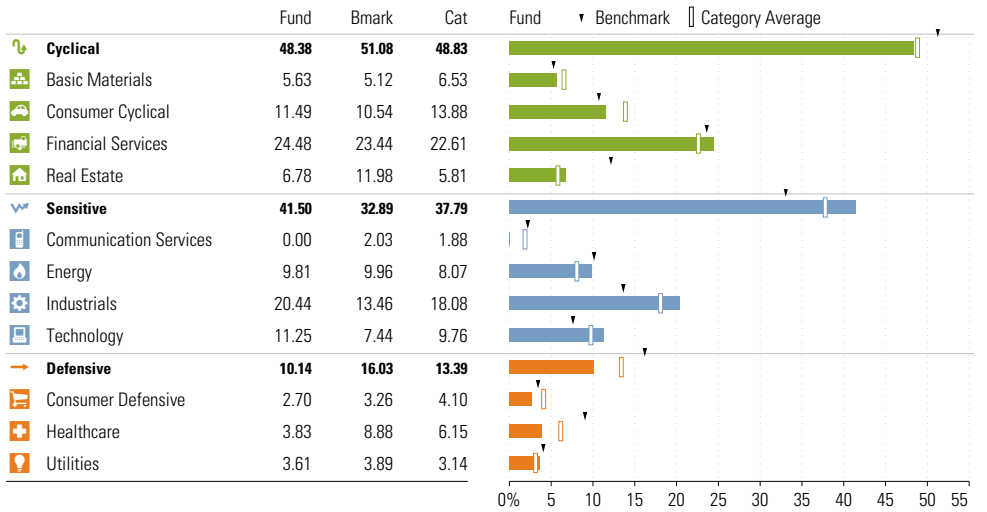
## Style Breakdown



## Asset Allocation as of 06-30-2024



## Sector Weighting as of 06-30-2024



## Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Atkore Inc	1.83	1.83	-15.27	Industrials
⊖ MasTec Inc	1.72	3.55	41.30	Industrials
⊖ Stifel Financial Corp	1.66	5.21	22.91	Financial Services
Hancock Whitney Corp	1.63	6.84	-0.12	Financial Services
Webster Financial Corp	1.59	8.43	-12.55	Financial Services
East West Bancorp Inc	1.58	10.01	3.31	Financial Services
ITT Inc	1.57	11.58	8.80	Industrials
F N B Corp	1.56	13.14	1.09	Financial Services
Axis Capital Holdings Ltd	1.56	14.70	29.19	Financial Services
Meritage Homes Corp	1.50	16.20	-6.23	Consumer Cyclical
CACI International Inc Class A	1.46	17.66	32.81	Technology
Synovus Financial Corp	1.41	19.06	8.76	Financial Services
Liberty Energy Inc Class A	1.39	20.45	15.93	Energy
⊖ Louisiana-Pacific Corp	1.36	21.81	16.97	Industrials
KBR Inc	1.35	23.16	16.30	Industrials

**Total Holdings 110**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

**Morningstar Index**  
ICE BofA US High Yield TR USD

## Portfolio Manager(s)

Stephen Concannon since 11-2014  
Jeffrey Mueller since 06-2019  
Kelley Baccei Gerrity since 06-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the High Yield Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 9.66 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.75 is 15.73% lower than the High Yield Bond category average.

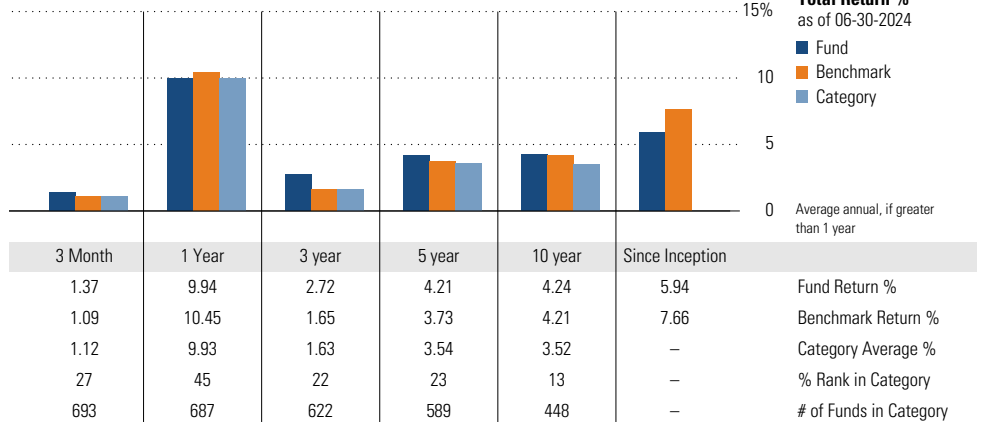
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.16	-	0.06
Beta	0.92	-	0.89
R-Squared	98.33	-	94.37
Standard Deviation	7.88	8.48	7.77
Sharpe Ratio	-0.05	-0.17	-0.19
Tracking Error	1.22	-	1.89
Information Ratio	0.88	-	-0.24
Up Capture Ratio	97.78	-	89.25
Down Capture Ratio	86.91	-	88.66

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.31	-	3.04
Avg Eff Maturity	4.55	-	4.72

Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

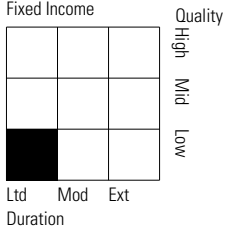
# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 06-30-2024

### Style Breakdown



## Asset Allocation as of 06-30-2024

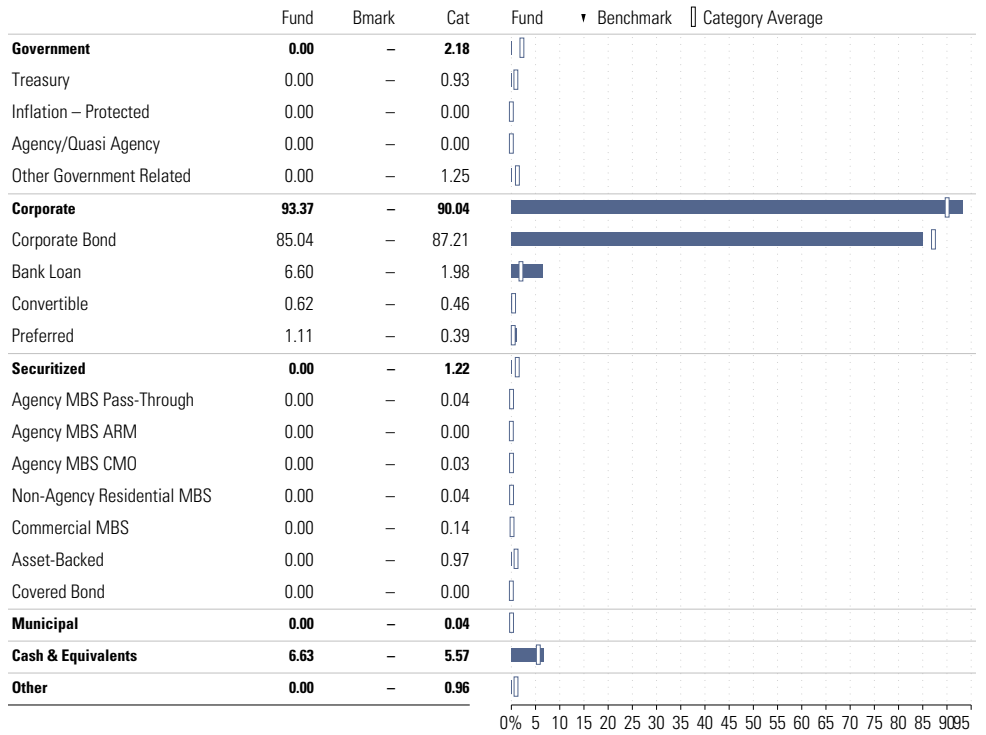


Asset Class	Net %	Cat%
US Stocks	0.58	0.75
Non-US Stocks	0.19	0.05
Bonds	90.63	92.91
Cash	6.55	4.81
Other	2.04	1.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.63
AA	0.00	-	1.36
A	0.00	-	0.30
BBB	5.23	-	4.52
BB	38.67	-	34.87
B	39.97	-	36.00
Below B	12.22	-	19.18
Not Rated	3.91	-	2.15

## Sector Weighting as of 06-30-2024



## Top 10 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Msif Government Portfolio Msif Government Portfolio	12-2030	5.44	5.44	-
Medline Borrower LP 5.25%	10-2029	0.77	6.21	-
CCO Holdings, LLC/ CCO Holdings Capital Corp. 4.5%	08-2030	0.77	6.98	-
Truist Insurance Holdings LLC	05-2032	0.70	7.68	-
Arsenal AIC Parent LLC 11.5%	10-2031	0.66	8.34	-
⊕ Rolls-Royce PLC 5.75%	10-2027	0.64	8.98	-
Heartland Dental LLC / Heartland Dental Finance Corp. 10.5%	04-2028	0.59	9.57	-
Inspire Brands	12-2027	0.59	10.16	-
Panther Bf Agg 2 Fixed Coupon 4.375000 Maturity 20260515	05-2026	0.51	10.67	-
Olympus Water US Holding Corp. 9.75%	11-2028	0.50	11.17	-

**Total Holdings 435**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

Susan Hill since 07-1997  
Liam O'Connell since 11-2010

## Quantitative Screens

✗ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 6 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 26.99 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 36.59% lower than the Ultrashort Bond category average.

## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.96	-	3.02
Beta	0.08	-	0.09
R-Squared	42.77	-	30.02
Standard Deviation	0.95	7.43	1.26
Sharpe Ratio	-1.09	-0.85	-0.91
Tracking Error	6.85	-	6.84
Information Ratio	0.84	-	0.85
Up Capture Ratio	20.65	-	20.02
Down Capture Ratio	-7.94	-	-8.65

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.55	4.43	1.15
Avg Eff Maturity	-	-	2.02

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

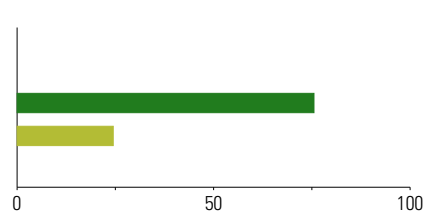
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

**Style Analysis** as of 06-30-2024

**Style Breakdown**



**Asset Allocation** as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.00	3.39
Non-US Stocks	0.00	0.00
Bonds	75.54	66.70
Cash	24.46	29.70
Other	0.00	0.20
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	3.53	43.28
AA	0.00	74.59	10.29
A	0.00	10.82	13.82
BBB	0.00	8.32	14.86
BB	0.00	0.28	2.19
B	0.00	0.00	2.14
Below B	0.00	0.00	0.60
Not Rated	0.00	2.46	12.82

**Sector Weighting** as of 06-30-2024



**Top 10 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bank Of Montreal 8 Repo	04-2024	9.85	9.85	-
⊕ Hsbc Repo 3 Repo	04-2024	9.85	19.70	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97998%	04-2033	5.22	24.91	-
⊖ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.82998%	12-2032	4.16	29.07	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.87998%	12-2032	3.91	32.98	-
⊕ Bofam Repo 1 Repo	04-2024	3.78	36.77	-
⊕ Government National Mortgage Association 5.12871%	01-2073	3.51	40.28	-
⊖ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97039%	07-2053	3.13	43.41	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19998%	10-2032	2.88	46.28	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19998%	11-2032	2.57	48.85	-

**Total Holdings 210**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Fidelity Contrafund FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

William Danoff since 09-1990

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Growth category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 33.81 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 93.55 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 57.61% lower than the Large Growth category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.71	-	-4.76
Beta	0.89	-	0.98
R-Squared	94.91	-	92.82
Standard Deviation	19.43	21.21	21.75
Sharpe Ratio	0.46	0.45	0.23
Tracking Error	4.94	-	5.81
Information Ratio	-0.07	-	-0.90
Up Capture Ratio	93.37	-	89.98
Down Capture Ratio	92.34	-	105.36

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.06	35.19	34.99
Price/Book Ratio	4.97	11.62	8.63
Geom Avg Mkt Cap \$B	504.17	608.44	540.94
ROE	32.19	43.78	39.15

# Fidelity Contrafund FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



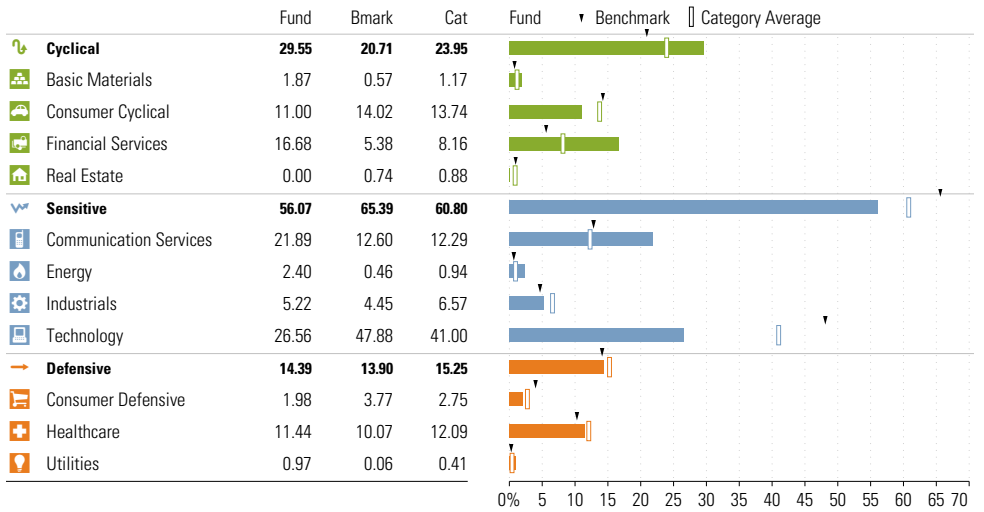
## Style Breakdown



## Asset Allocation as of 06-30-2024



## Sector Weighting as of 06-30-2024



## Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Meta Platforms Inc Class A	13.97	13.97	42.73	Communication Svc
Berkshire Hathaway Inc Class A	8.55	22.52	12.83	Financial Services
NVIDIA Corp	7.97	30.49	149.49	Technology
⊖ Microsoft Corp	6.45	36.94	19.26	Technology
Amazon.com Inc	6.17	43.11	27.19	Consumer Cyclical
⊖ Eli Lilly and Co	3.13	46.24	55.76	Healthcare
Apple Inc	3.07	49.31	9.65	Technology
⊕ Alphabet Inc Class A	2.57	51.88	30.54	Communication Svc
⊕ Alphabet Inc Class C	2.14	54.02	30.29	Communication Svc
⊖ Amphenol Corp Class A	1.94	55.96	36.59	Technology
⊖ UnitedHealth Group Inc	1.90	57.85	-2.51	Healthcare
Regeneron Pharmaceuticals Inc	1.89	59.74	19.67	Healthcare
Netflix Inc	1.79	61.54	38.61	Communication Svc
⊕ Visa Inc Class A	1.47	63.01	1.21	Financial Services
⊖ Fidelity Cash Central Fund	1.41	64.42	-	-

**Total Holdings 383**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Invesco Oppenheimer International Gr Y OIGYX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

George Evans since 03-1996  
Robert Dunphy since 03-2012

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 7 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 28.28 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.86 is 14% lower than the Foreign Large Growth category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022

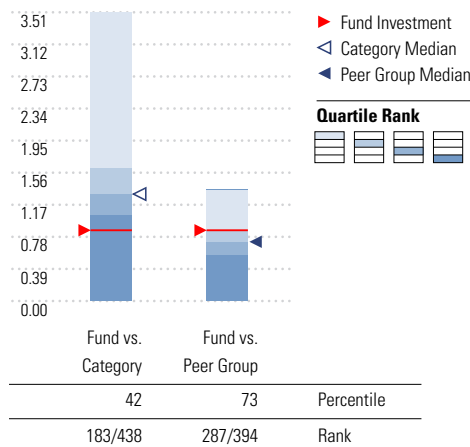
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-4.94	-	-5.34
Beta	1.21	-	1.11
R-Squared	89.29	-	87.65
Standard Deviation	21.68	16.94	20.16
Sharpe Ratio	-0.15	0.05	-0.19
Tracking Error	7.94	-	7.45
Information Ratio	-0.63	-	-0.71
Up Capture Ratio	112.42	-	98.34
Down Capture Ratio	134.51	-	121.76

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	29.42	16.00	22.62
Price/Book Ratio	5.25	1.83	3.54
Geom Avg Mkt Cap \$B	58.90	55.30	73.85
ROE	29.21	18.42	23.42

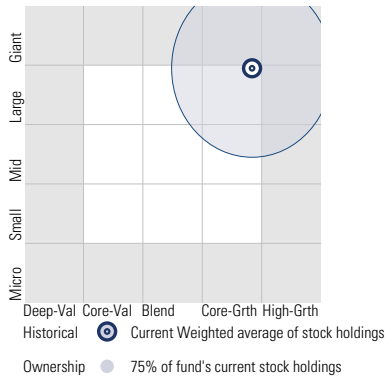
# Invesco Oppenheimer International Gr Y OIGYX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	7.35	8.29
Non-US Stocks	92.26	89.24
Bonds	0.00	0.08
Cash	0.39	1.85
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	17.15	26.50	Americas	13.19	16.35	Greater Europe	69.66	57.15	Developed Markets	93.96
Japan	7.41	13.02	North America	13.19	13.74	United Kingdom	21.39	11.91	Emerging Markets	6.04
Australasia	2.23	1.56	Central/Latin	0.00	2.61	W euro-ex UK	48.27	44.73	Not Available	0.00
Asia-4 Tigers	1.47	5.82				Emrgng Europe	0.00	0.03		
Asia-ex 4 Tigers	6.04	6.10				Africa	0.00	0.48		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Novo Nordisk A/S Class B	5.92	5.92	-	Healthcare
ASML Holding NV	3.72	9.65	41.91	Technology
Dollarama Inc	3.46	13.10	30.98	Consumer Defensive
Reliance Industries Ltd	3.43	16.53	-	Energy
Epiroc Ab	2.94	19.47	-	-
London Stock Exchange Group PLC	2.94	22.41	2.21	Financial Services
Lvmh Moet Hennessy Louis Vuitton SE	2.90	25.32	-1.70	Consumer Cyclical
Next PLC	2.77	28.09	11.31	Consumer Cyclical
Compass Group PLC	2.74	30.83	2.72	Consumer Cyclical
Atlas Copco AB Class A	2.66	33.49	-	Industrials

**Total Holdings 64**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Michael Grossman since 12-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Growth category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.5 years.

✔ **Style:** The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.04 is 10.34% lower than the Small Growth category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

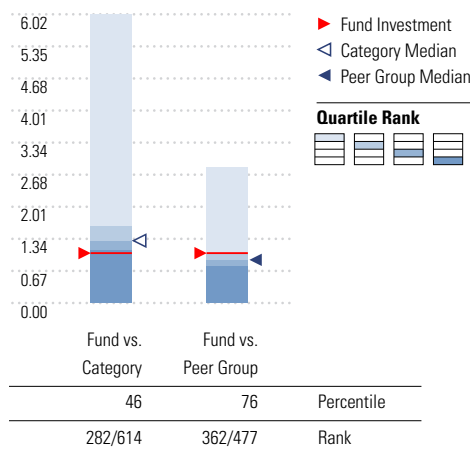
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-4.27	-	-0.23
Beta	0.90	-	0.93
R-Squared	93.36	-	91.60
Standard Deviation	21.23	22.80	22.18
Sharpe Ratio	-0.47	-0.26	-0.26
Tracking Error	5.93	-	6.69
Information Ratio	-0.59	-	0.08
Up Capture Ratio	78.89	-	92.35
Down Capture Ratio	93.48	-	93.62

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	23.35	21.94	26.27
Price/Book Ratio	3.12	3.95	3.79
Geom Avg Mkt Cap \$B	5.08	3.68	6.48
ROE	4.63	10.95	11.74

# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

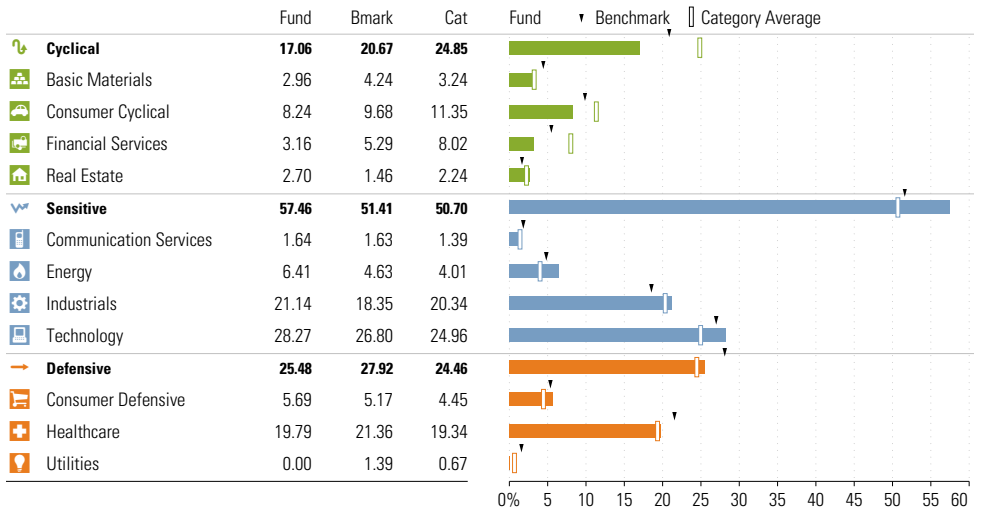


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	82.94	92.94
Non-US Stocks	13.05	4.50
Bonds	0.00	0.01
Cash	4.01	1.64
Other	0.00	0.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.03	4.03	—	—
⊕ CACI International Inc Class A	2.15	6.18	32.81	Technology
⊕ Summit Materials Inc Class A	2.07	8.25	-4.81	Basic Materials
⊖ GFL Environmental Inc	2.03	10.28	12.89	Industrials
⊖ Crane Co	1.96	12.23	23.07	Industrials
⊖ nVent Electric PLC	1.93	14.17	30.29	Industrials
⊖ US Foods Holding Corp	1.88	16.05	16.67	Consumer Defensive
⊖ RB Global Inc	1.82	17.87	14.96	Industrials
⊖ TechnipFMC PLC	1.77	19.64	30.34	Energy
⊕ Five9 Inc	1.74	21.37	-43.96	Technology
⊖ Jacobs Solutions Inc	1.67	23.05	8.08	Industrials
⊖ FormFactor Inc	1.65	24.70	45.12	Technology
⊖ Onto Innovation Inc	1.63	26.32	43.60	Technology
⊕ UL Solutions Inc Class A common stock	1.63	27.95	—	Industrials
⊖ KBR Inc	1.60	29.55	16.30	Industrials

**Total Holdings 116**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Neuberger Berman Mid Cap Growth Inst NBMLX

**Morningstar Category**  
Mid-Cap Growth

**Morningstar Index**  
Russell Mid Cap Growth TR USD

## Portfolio Manager(s)

Chad Bruso since 01-2020  
Trevor Moreno since 01-2020  
Jennifer Blachford since 12-2021

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Growth category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.46 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 33.96% lower than the Mid-Cap Growth category average.

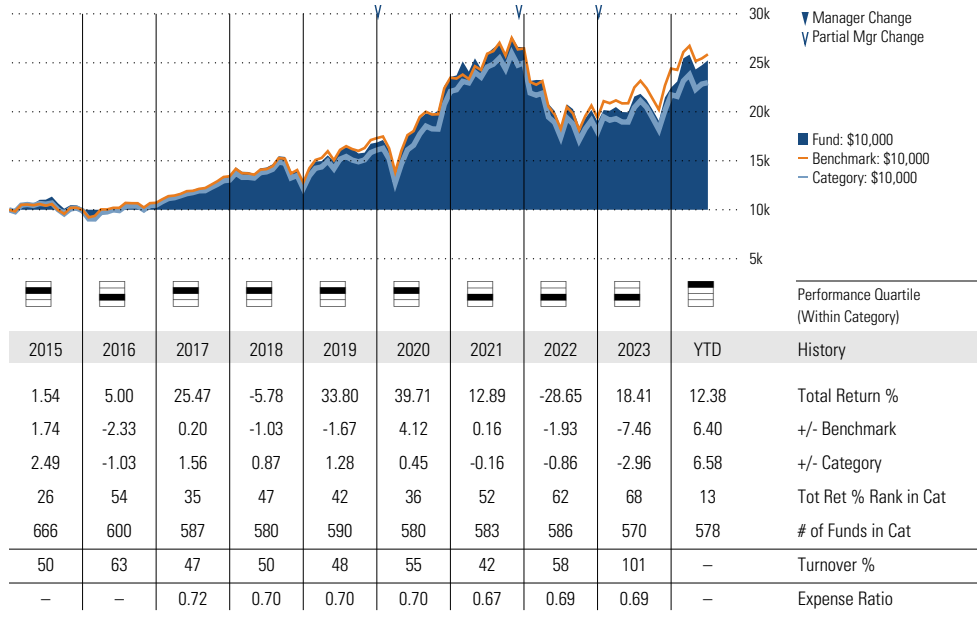
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

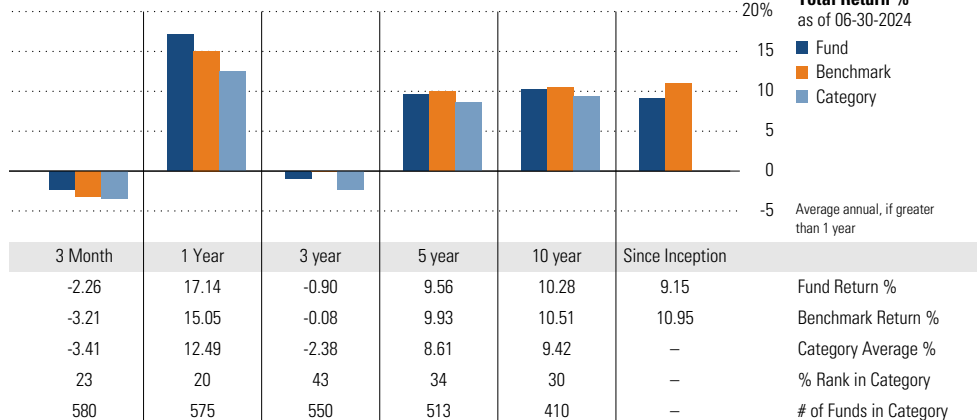
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.83	-	-2.52
Beta	0.95	-	0.98
R-Squared	95.26	-	91.20
Standard Deviation	20.98	21.48	22.19
Sharpe Ratio	-0.10	-0.06	-0.16
Tracking Error	4.68	-	6.50
Information Ratio	-0.17	-	-0.50
Up Capture Ratio	89.53	-	94.32
Down Capture Ratio	92.72	-	103.65

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	33.93	27.51	31.23
Price/Book Ratio	7.11	7.92	5.07
Geom Avg Mkt Cap \$B	27.25	25.87	21.09
ROE	21.50	29.07	20.49

# Neuberger Berman Mid Cap Growth Inst NBMLX

Morningstar Category

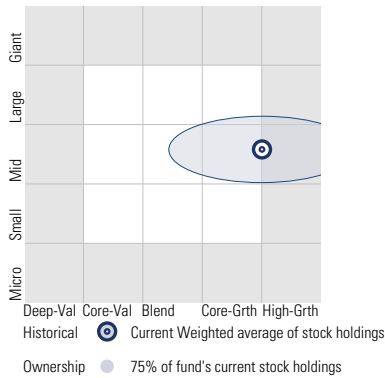
Mid-Cap Growth

Morningstar Index

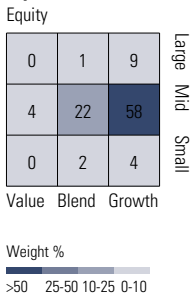
Russell Mid Cap Growth TR USD

## Style Analysis as of 06-30-2024

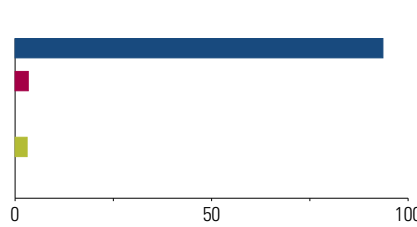
Morningstar Style Box™



## Style Breakdown

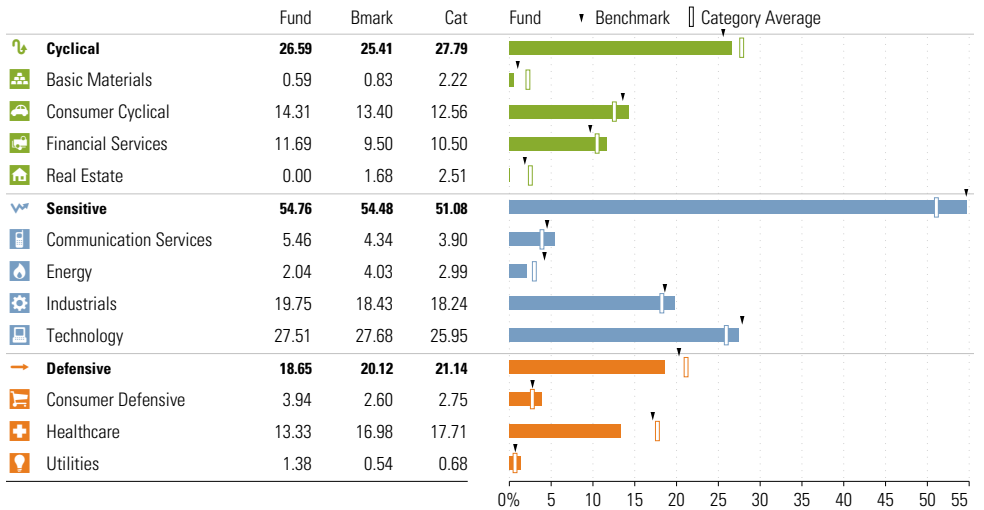


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	93.59	93.77
Non-US Stocks	3.35	4.07
Bonds	0.00	0.05
Cash	3.06	1.26
Other	0.00	0.86
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Palantir Technologies Inc Ordinary Shares - Class A	4.18	4.18	47.52	Technology
⊕ Ssc Government Mm Gvmxx	3.06	7.24	-	-
⊕ Spotify Technology SA	2.92	10.16	66.99	Communication Svc
⊕ Ares Management Corp Ordinary Shares - Class A	2.65	12.81	13.64	Financial Services
⊕ Super Micro Computer Inc	2.54	15.34	188.24	Technology
The Trade Desk Inc Class A	2.53	17.87	35.73	Technology
⊕ Cencora Inc	2.36	20.23	10.20	Healthcare
Datadog Inc Class A	2.31	22.53	6.85	Technology
Deckers Outdoor Corp	2.03	24.56	44.81	Consumer Cyclical
Apollo Global Management Inc Class A	1.95	26.51	27.66	Financial Services
DexCom Inc	1.93	28.44	-8.63	Healthcare
W.W. Grainger Inc	1.92	30.36	9.35	Industrials
⊖ Monolithic Power Systems Inc	1.92	32.28	30.66	Technology
Axon Enterprise Inc	1.89	34.17	13.90	Industrials
Pinterest Inc Class A	1.89	36.06	18.98	Communication Svc

**Total Holdings 77**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

Greg Sharenow since 11-2018  
Stephen Rodosky since 01-2019  
Andrew Dewitt since 02-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.67 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.09 is 6.86% higher than the Commodities Broad Basket category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.90	-	1.27
Beta	1.10	-	0.96
R-Squared	95.74	-	88.75
Standard Deviation	16.98	15.12	15.43
Sharpe Ratio	0.12	0.21	0.27
Tracking Error	3.81	-	4.81
Information Ratio	-0.43	-	0.00
Up Capture Ratio	102.52	-	96.44
Down Capture Ratio	112.07	-	90.00

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.27	-	7.93
Price/Book Ratio	3.56	-	1.87
Geom Avg Mkt Cap \$B	16.44	-	44.07
ROE	29.97	-	27.17

# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

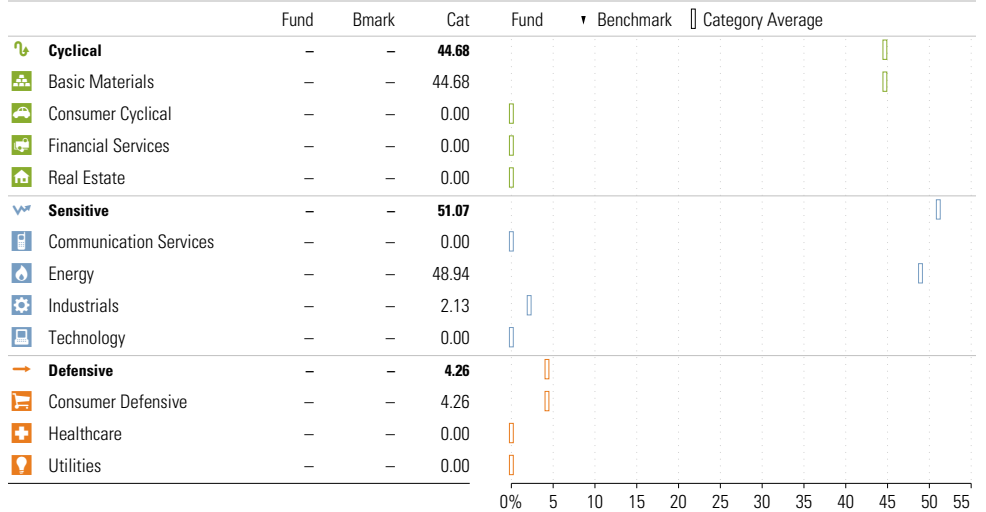


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.00	1.06
Non-US Stocks	0.00	0.33
Bonds	53.53	35.76
Cash	0.61	55.93
Other	45.85	6.92
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ 2 Year Treasury Note Future June 24	20.54	20.54	-	-
⊖ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay	20.36	40.91	-	-
⊖ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive	20.36	61.27	-	-
⊕ United States Treasury Notes 0.125%	15.32	76.59	-	-
✳ Offset: Unsettled Trades	14.13	90.72	-	-
⊕ Pimco Cayman Cmnty Fd Ltd Instl	12.51	103.23	-	-
⊖ 10 Year Treasury Note Future June 24	11.03	114.26	-	-
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Receive	10.81	125.07	-	-
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Pay	10.58	135.65	-	-
⊖ US Treasury Bond Future June 24	10.16	145.81	-	-
⊕ United States Treasury Notes 0.125%	9.81	155.63	-	-
✳ Cash Offset	8.71	164.33	-	-
⊖ U S TIPS REV REPO	8.16	172.49	-	-
⊕ United States Treasury Notes 0.5%	8.01	180.51	-	-
⊖ EUROPEAN MONETARY UNION EURO Sold	7.94	188.45	-	-

## Total Holdings 779

⊕ Increase ⊖ Decrease ✳ New to Portfolio



# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
Bloomberg US Universal TR USD

## Portfolio Manager(s)

Daniel Ivascyn since 03-2007  
Alfred Murata since 03-2013  
Joshua Anderson since 07-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Multisector Bond category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 17.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.72 is 26.53% lower than the Multisector Bond category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.22	-	2.01
Beta	0.82	-	0.77
R-Squared	86.16	-	77.12
Standard Deviation	6.44	7.32	6.43
Sharpe Ratio	-0.34	-0.81	-0.52
Tracking Error	2.75	-	3.60
Information Ratio	1.35	-	0.74
Up Capture Ratio	91.53	-	79.26
Down Capture Ratio	60.61	-	61.30

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.55	4.55	4.11
Avg Eff Maturity	5.31	7.69	7.17

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
Bloomberg US Universal TR USD

## Style Analysis as of 06-30-2024

### Style Breakdown



## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.81	1.31
Non-US Stocks	0.32	0.14
Bonds	190.45	104.94
Cash	-91.70	-3.82
Other	0.11	-2.58
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	60.28	67.64	15.93
AA	7.84	3.23	11.95
A	3.89	10.03	7.89
BBB	11.61	10.89	24.23
BB	5.90	3.19	17.49
B	3.51	3.64	11.34
Below B	6.97	1.38	7.48
Not Rated	0.00	0.00	3.69

## Sector Weighting as of 06-30-2024



## Top 0 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
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**Total Holdings 0**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
Global Bond-USD Hedged

**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

Andrew Balls since 09-2014  
Lorenzo Pagani since 09-2014  
Sachin Gupta since 09-2014

## Quantitative Screens

✔ **Performance:** The fund has finished in the Global Bond-USD Hedged category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 9.77 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.73 is 5.8% higher than the Global Bond-USD Hedged category average.

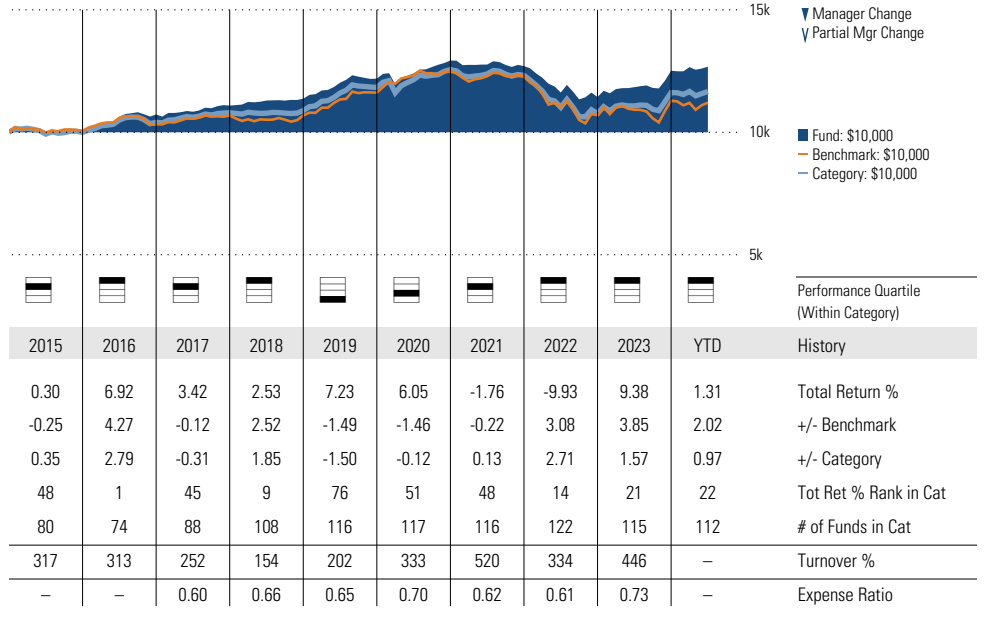
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.54	-	0.39
Beta	0.59	-	0.81
R-Squared	76.68	-	84.66
Standard Deviation	5.01	7.43	6.52
Sharpe Ratio	-0.73	-0.85	-0.84
Tracking Error	3.89	-	3.09
Information Ratio	0.72	-	0.33
Up Capture Ratio	66.44	-	82.20
Down Capture Ratio	51.37	-	78.68

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.34	4.43	5.83
Avg Eff Maturity	7.49	-	7.56

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
Global Bond-USD Hedged

**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 06-30-2024

### Style Breakdown



## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	145.27	90.33
Cash	-42.23	9.55
Other	-3.03	0.12
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	51.22	3.53	28.91
AA	13.50	74.59	11.95
A	15.39	10.82	28.75
BBB	17.35	8.32	18.21
BB	0.83	0.28	3.97
B	0.36	0.00	1.79
Below B	1.35	0.00	0.51
Not Rated	0.00	2.46	5.91

## Sector Weighting as of 06-30-2024



## Top 0 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
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**Total Holdings 0**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# T. Rowe Price Dividend Growth PRDGX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Thomas Huber since 03-2000

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.27 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.64 is 14.67% lower than the Large Blend category average.

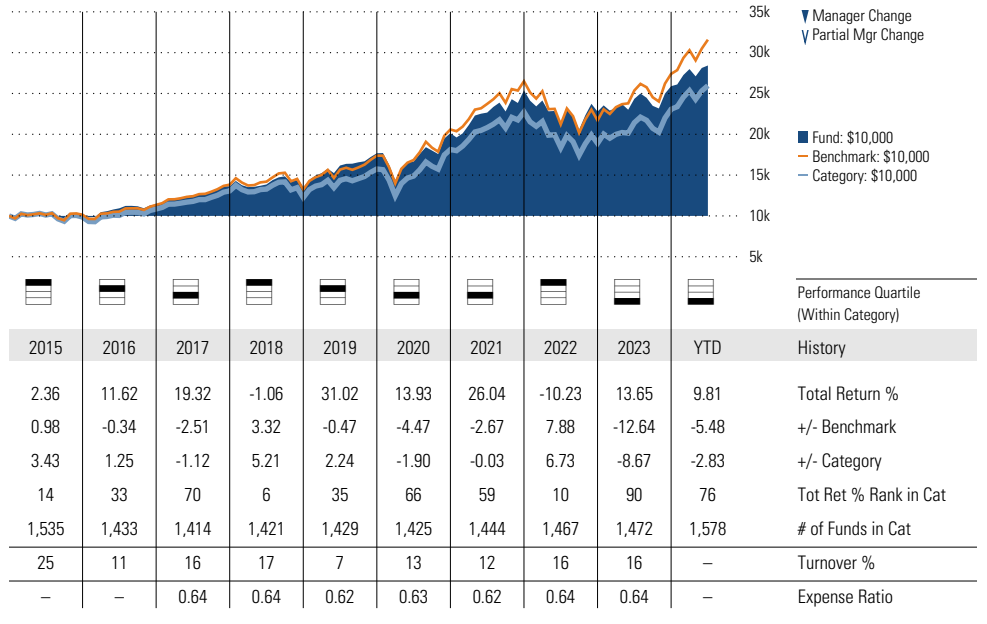
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.58	-	-1.34
Beta	0.84	-	0.94
R-Squared	93.49	-	94.58
Standard Deviation	15.46	17.86	17.23
Sharpe Ratio	0.35	0.44	0.33
Tracking Error	4.90	-	3.71
Information Ratio	-0.44	-	-1.35
Up Capture Ratio	82.15	-	91.28
Down Capture Ratio	84.15	-	96.41

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.50	26.54	24.04
Price/Book Ratio	4.61	4.62	4.83
Geom Avg Mkt Cap \$B	169.48	322.33	370.57
ROE	30.89	33.73	34.43

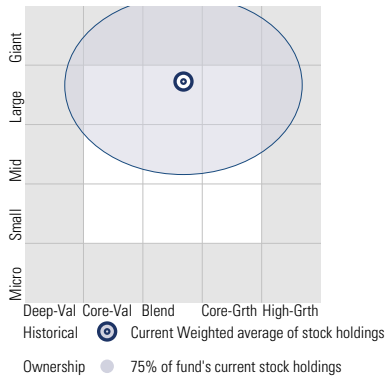
# T. Rowe Price Dividend Growth PRDGX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

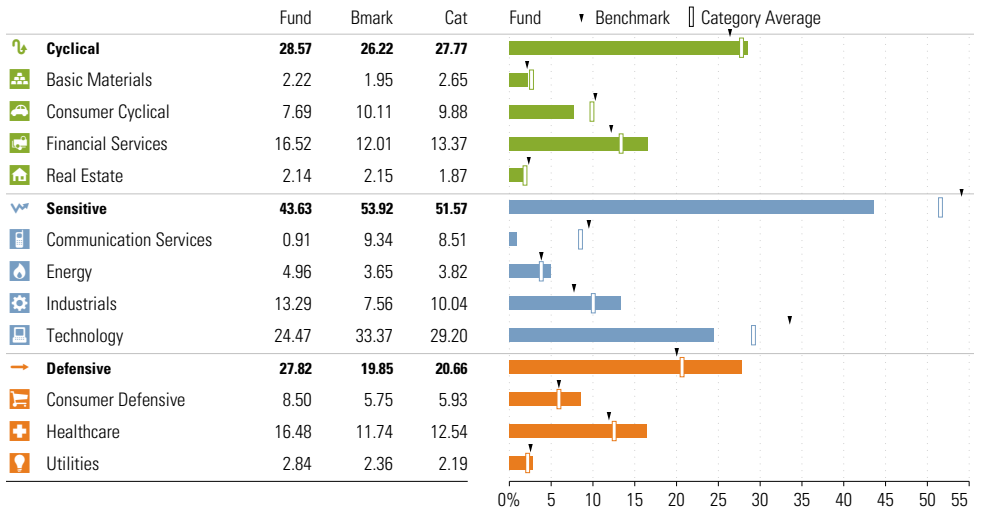


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	92.81	95.30
Non-US Stocks	5.15	2.49
Bonds	0.00	-0.44
Cash	2.04	1.51
Other	0.00	1.13
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	7.16	7.16	19.26	Technology
Apple Inc	4.80	11.96	9.65	Technology
Visa Inc Class A	2.16	14.12	1.21	Financial Services
JPMorgan Chase & Co	2.11	16.22	20.20	Financial Services
Eli Lilly and Co	2.05	18.28	55.76	Healthcare
T. Rowe Price Gov. Reserve	2.04	20.32	-	-
Chubb Ltd	1.94	22.26	13.65	Financial Services
GE Aerospace	1.83	24.08	55.25	Industrials
UnitedHealth Group Inc	1.75	25.83	-2.51	Healthcare
McKesson Corp	1.75	27.59	26.42	Healthcare
Marsh & McLennan Companies Inc	1.73	29.32	11.96	Financial Services
KLA Corp	1.63	30.94	42.34	Technology
Thermo Fisher Scientific Inc	1.52	32.46	4.33	Healthcare
Roper Technologies Inc	1.47	33.93	3.67	Technology
Applied Materials Inc	1.42	35.36	46.05	Technology

**Total Holdings 104**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Michelle Louie since 11-2017  
Nick Birkett since 08-2023  
Aaron Choi since 08-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.59 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 80.56 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 94.67% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.04	-	-1.34
Beta	1.00	-	0.94
R-Squared	100.00	-	94.58
Standard Deviation	17.86	17.86	17.23
Sharpe Ratio	0.43	0.44	0.33
Tracking Error	0.00	-	3.71
Information Ratio	-11.64	-	-1.35
Up Capture Ratio	99.91	-	91.28
Down Capture Ratio	100.07	-	96.41

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.53	26.54	24.04
Price/Book Ratio	4.63	4.62	4.83
Geom Avg Mkt Cap \$B	322.58	322.33	370.57
ROE	33.75	33.73	34.43

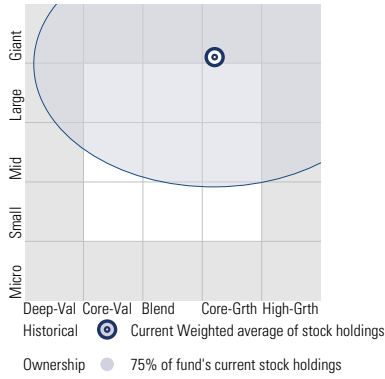
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

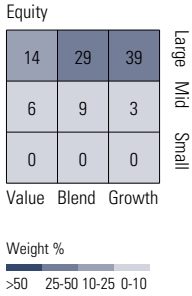
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



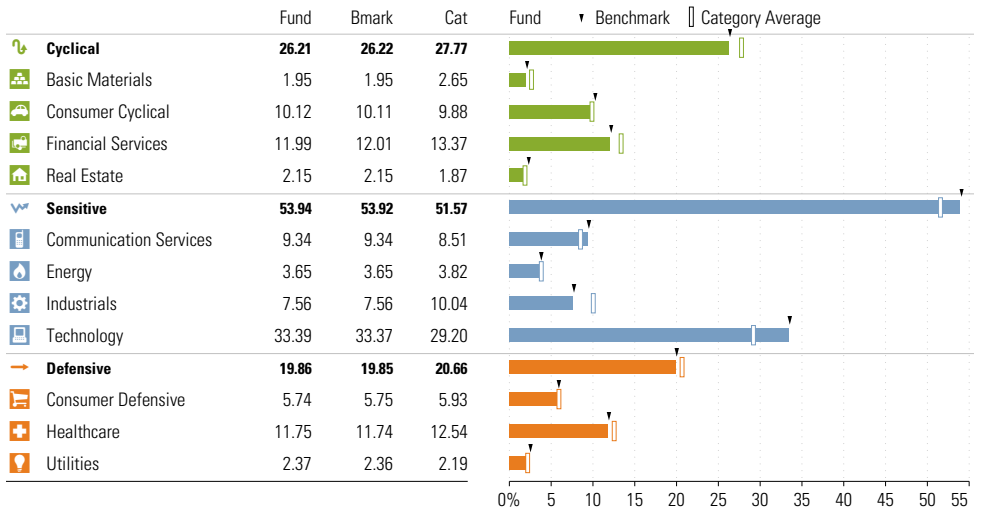
## Style Breakdown



## Asset Allocation as of 06-30-2024



## Sector Weighting as of 06-30-2024



## Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	7.23	7.23	19.26	Technology
⊖ NVIDIA Corp	6.62	13.85	149.49	Technology
⊖ Apple Inc	6.61	20.46	9.65	Technology
⊕ Amazon.com Inc	3.85	24.31	27.19	Consumer Cyclical
⊖ Meta Platforms Inc Class A	2.41	26.72	42.73	Communication Svc
⊖ Alphabet Inc Class A	2.33	29.05	30.54	Communication Svc
⊖ Alphabet Inc Class C	1.95	31.00	30.29	Communication Svc
⊖ Berkshire Hathaway Inc Class B	1.60	32.61	14.06	Financial Services
⊕ Eli Lilly and Co	1.57	34.18	55.76	Healthcare
⊖ Broadcom Inc	1.52	35.70	44.77	Technology
⊖ JPMorgan Chase & Co	1.26	36.97	20.20	Financial Services
⊕ Tesla Inc	1.20	38.16	-20.36	Consumer Cyclical
⊖ Exxon Mobil Corp	1.12	39.29	17.04	Energy
⊖ UnitedHealth Group Inc	1.02	40.31	-2.51	Healthcare
⊖ Visa Inc Class A	0.89	41.20	1.21	Financial Services

**Total Holdings 507**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Christine Franquin since 02-2013  
Michael Perre since 11-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 90.7% lower than the Foreign Large Blend category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.46	-	0.70
Beta	1.08	-	1.02
R-Squared	96.23	-	92.87
Standard Deviation	18.07	16.36	17.37
Sharpe Ratio	0.00	-0.10	-0.05
Tracking Error	3.76	-	4.65
Information Ratio	0.35	-	0.16
Up Capture Ratio	116.83	-	107.65
Down Capture Ratio	110.70	-	105.02

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.63	15.74	15.78
Price/Book Ratio	1.68	1.81	1.94
Geom Avg Mkt Cap \$B	34.10	51.02	60.43
ROE	16.24	17.31	19.31

# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

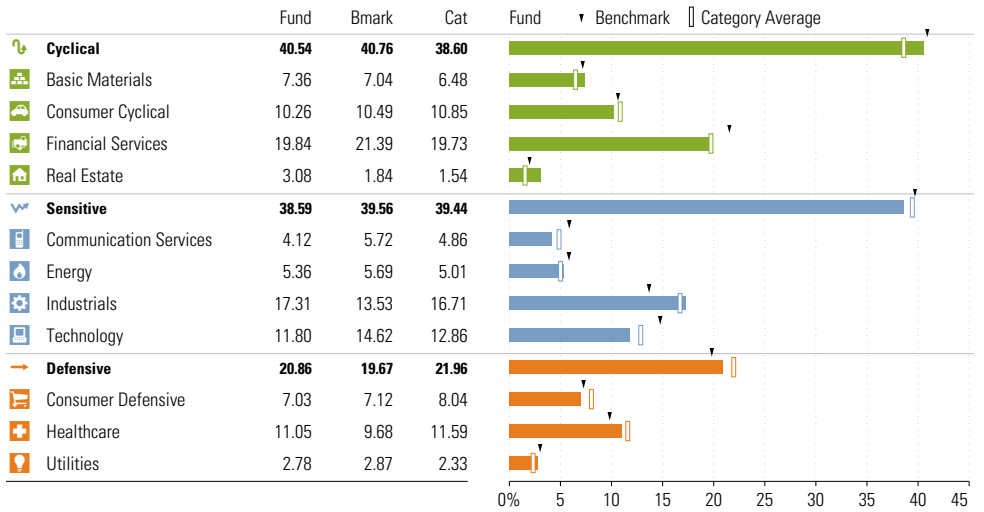


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	1.12	3.61
Non-US Stocks	96.55	93.77
Bonds	0.00	0.78
Cash	2.13	0.31
Other	0.19	1.53
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Americas	10.36	8.64	Greater Europe	53.86	56.68	Market Maturity				
North America	10.34	7.55	United Kingdom	12.13	13.73	Developed Markets	99.37			
Central/Latin	0.02	1.09	W euro-ex UK	40.77	42.09	Emerging Markets	0.63			
			Emrgng Europe	0.40	0.10	Not Available	0.00			
			Africa	0.56	0.76					

## Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Novo Nordisk A/S Class B	1.91	1.91	44.77	Healthcare
⊕ ASML Holding NV	1.75	3.66	35.90	Technology
⊕ Slcmt1142	1.46	5.12	-	-
⊕ Samsung Electronics Co Ltd	1.22	6.34	-	Technology
⊖ Nestle SA	1.17	7.50	-	Consumer Defensive
⊖ Toyota Motor Corp	1.06	8.56	28.85	Consumer Cyclical
⊕ AstraZeneca PLC	1.02	9.58	21.15	Healthcare
⊖ Shell PLC	1.00	10.58	12.54	Energy
⊕ SAP SE	0.96	11.54	35.88	Technology
⊖ Novartis AG Registered Shares	0.95	12.49	17.52	Healthcare

**Total Holdings 3989**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Michael Bennett since 05-2010  
 Michael Fry since 05-2010  
 Steven Morrow since 08-2012  
 A. Rama Krishna since 12-2012  
 Arjun Kumar since 10-2020  
 Shirley Woo since 10-2020

## Quantitative Screens

**Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 14.1 years.

**Style:** The fund has landed in its primary style box — Large Value — 9.09% of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.39 is 59.38% lower than the Foreign Large Value category average.

## Morningstar Investment Management LLC Analysis

This fund fails the style consistency screen. Its largest underlying subadvisor employs a relative value approach, which can include more growth-leaning stocks, causing the fund to plot near the border of the value and blend column in the Morningstar Stylebox.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.56	-	1.13
Beta	0.97	-	0.95
R-Squared	91.22	-	87.73
Standard Deviation	17.24	16.94	17.27
Sharpe Ratio	-0.05	0.05	0.11
Tracking Error	5.13	-	6.16
Information Ratio	-0.34	-	0.16
Up Capture Ratio	90.19	-	94.67
Down Capture Ratio	96.80	-	90.40

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.83	16.00	12.06
Price/Book Ratio	1.75	1.83	1.28
Geom Avg Mkt Cap \$B	34.66	55.30	38.71
ROE	16.74	18.42	13.91

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

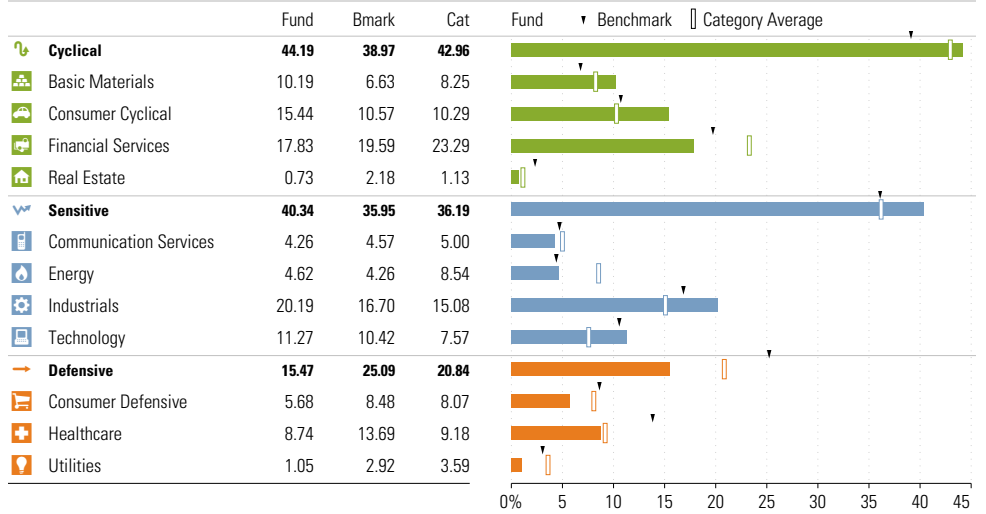


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	3.97	2.61
Non-US Stocks	90.44	95.37
Bonds	0.00	0.13
Cash	5.16	1.68
Other	0.44	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Americas	12.10	8.17	Greater Europe	51.25	62.29	Developed Markets	81.96			
North America	6.95	7.19	United Kingdom	16.09	18.50	Emerging Markets	18.04			
Central/Latin	5.15	0.98	W euro-ex UK	34.86	43.00	Not Available	0.00			
			Emrgng Europe	0.00	0.16					
			Africa	0.30	0.63					

## Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	3.85	3.85	-	-
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.98	5.82	-	Technology
⊖ Ryanair Holdings PLC ADR	1.83	7.66	-	Industrials
⊕ Tencent Holdings Ltd	1.77	9.43	-	Communication Svc
⊖ Airbus SE	1.45	10.88	-	Industrials
⊕ Roche Holding AG	1.32	12.20	-	Healthcare
⊖ Alibaba Group Holding Ltd Ordinary Shares	1.32	13.51	-	Consumer Cyclical
⊖ BP PLC	1.25	14.77	-	Energy
⊖ RELX PLC	1.13	15.90	-	Industrials
⊖ SAP SE	1.08	16.98	-	Technology

**Total Holdings 262**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Real Estate category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 28.15 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 91.67 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.96% lower than the Real Estate category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.77	-	-2.12
Beta	1.02	-	0.97
R-Squared	98.73	-	94.73
Standard Deviation	21.93	21.28	21.19
Sharpe Ratio	-0.17	-0.04	-0.15
Tracking Error	2.52	-	4.07
Information Ratio	-1.12	-	-0.62
Up Capture Ratio	97.66	-	93.36
Down Capture Ratio	106.42	-	100.25

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	31.75	38.46	30.15
Price/Book Ratio	2.27	2.42	2.40
Geom Avg Mkt Cap \$B	23.18	9.35	33.93
ROE	14.09	9.56	17.74

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 06-30-2024



## Sector Weighting as of 06-30-2024



## Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	13.43	13.43	-	-
⊕ Prologis Inc	6.74	20.17	-14.31	Real Estate
⊕ American Tower Corp	5.89	26.06	-8.46	Real Estate
⊕ Equinix Inc	4.53	30.59	-5.00	Real Estate
⊕ Welltower Inc	3.76	34.35	16.97	Real Estate
⊕ Simon Property Group Inc	3.21	37.56	9.19	Real Estate
⊕ Digital Realty Trust Inc	3.08	40.64	14.79	Real Estate
⊕ Realty Income Corp	2.95	43.59	-5.77	Real Estate
⊕ Public Storage	2.95	46.54	-3.72	Real Estate
⊕ Crown Castle Inc	2.75	49.29	-12.47	Real Estate
⊕ Extra Space Storage Inc	2.13	51.42	-1.05	Real Estate
⊕ CoStar Group Inc	1.96	53.39	-15.16	Real Estate
⊕ AvalonBay Communities Inc	1.91	55.29	12.32	Real Estate
⊕ VICI Properties Inc Ordinary Shares	1.78	57.07	-7.56	Real Estate
⊕ CBRE Group Inc Class A	1.77	58.84	-4.28	Real Estate

**Total Holdings 158**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aur lie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 85.96% lower than the Target-Date 2020 category average.

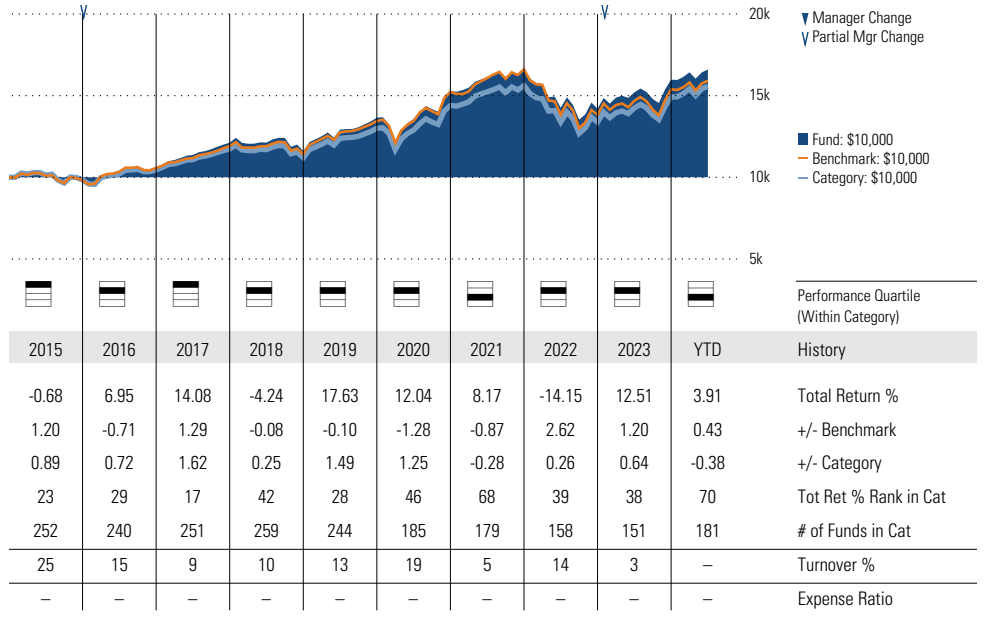
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

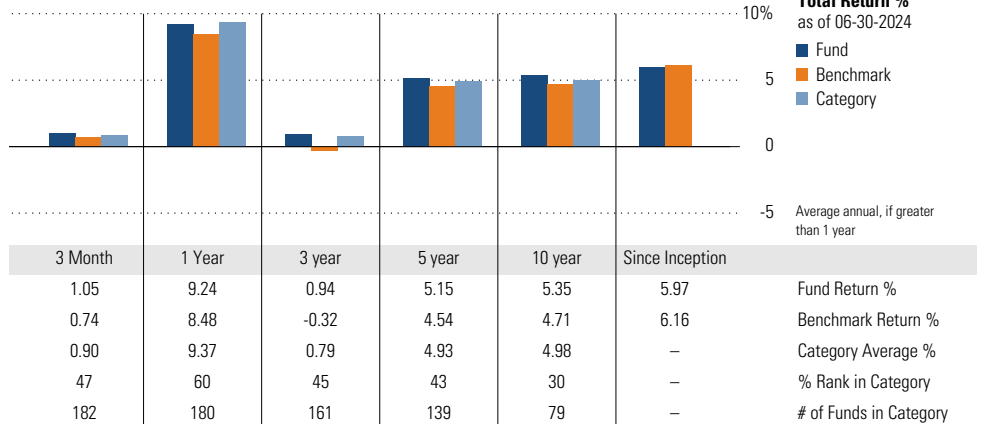
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
ESG Commitment	1-Low	02-15-2022

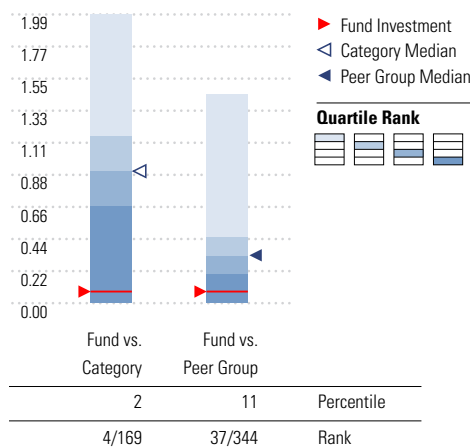
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.14	—	1.04
Beta	0.86	—	0.89
R-Squared	98.91	—	98.50
Standard Deviation	10.20	11.80	10.57
Sharpe Ratio	-0.19	-0.26	-0.19
Tracking Error	1.97	—	1.94
Information Ratio	0.64	—	0.60
Up Capture Ratio	90.31	—	93.06
Down Capture Ratio	83.35	—	86.72

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.94	20.96	20.92
Price/Book Ratio	2.56	2.74	2.78
Avg Eff Duration	5.62	—	5.20

# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

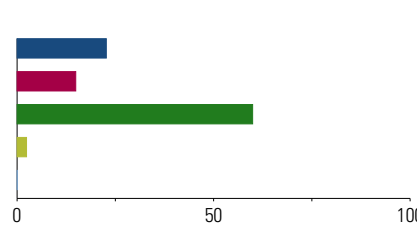
**Style Analysis** as of 06-30-2024  
Morningstar Style Box™



**Style Breakdown**

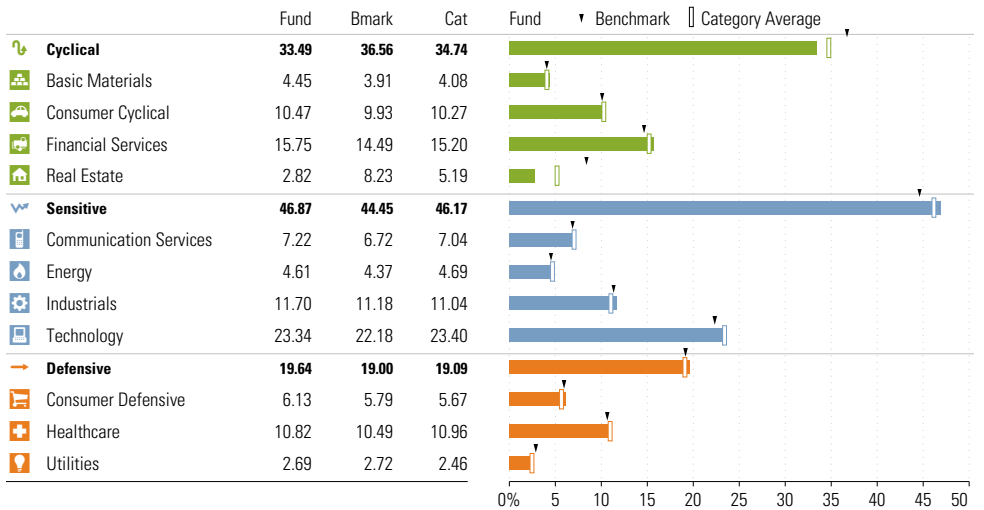


**Asset Allocation** as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	22.70	25.28
Non-US Stocks	14.92	13.06
Bonds	59.93	50.59
Cash	2.40	1.85
Other	0.05	9.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024



**Top 7 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	33.85	33.85	—	—
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	22.77	56.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	15.28	71.90	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	14.62	86.52	—	—
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	12.60	99.13	—	—
⊕ Mktliq 12/31/2049	—	0.85	99.98	—	—
⊕ Us Dollar	—	0.02	100.00	—	—

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2025 Fund VTTVX

**Morningstar Category**  
Target-Date 2025

**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2025 category average.

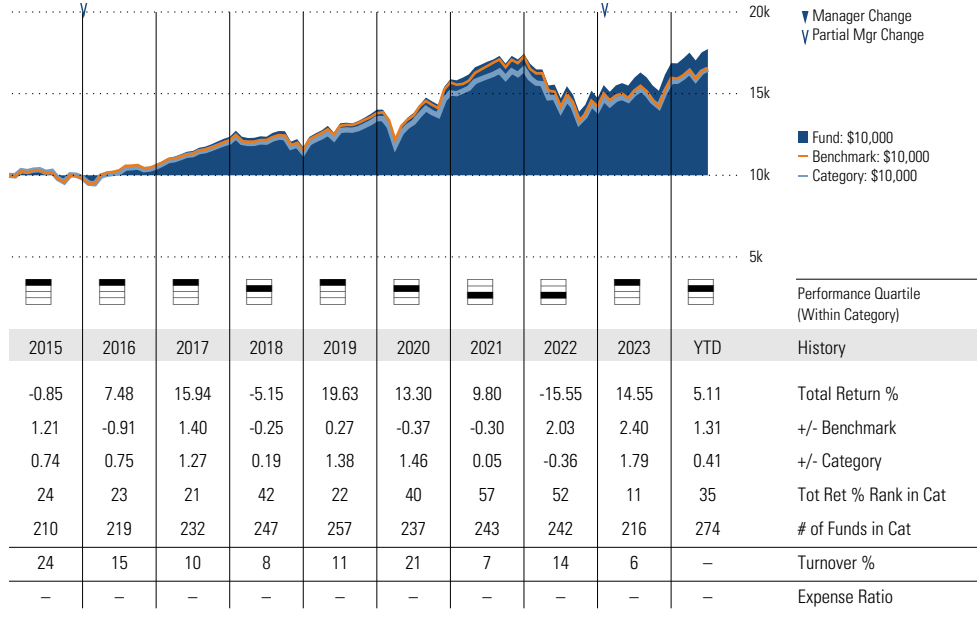
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

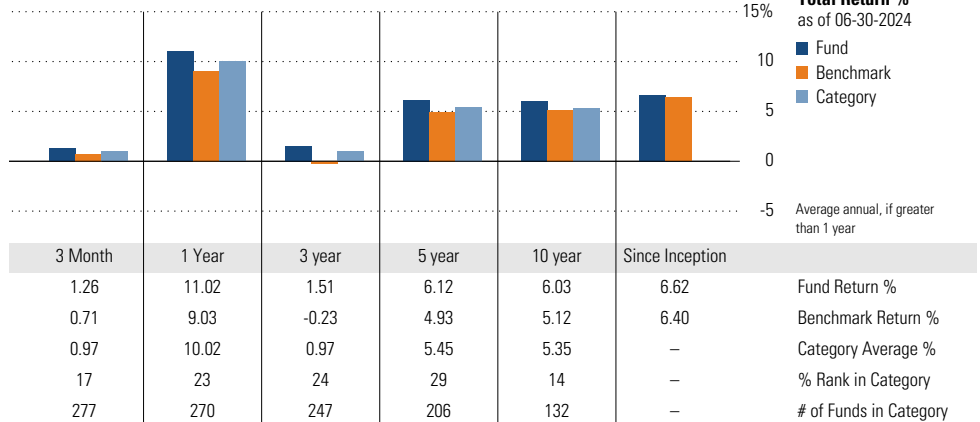
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

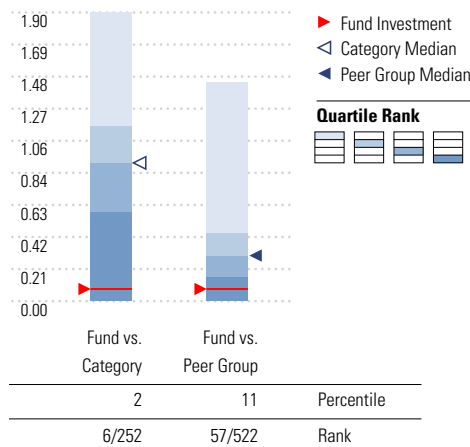
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.67	-	1.11
Beta	0.92	-	0.87
R-Squared	98.93	-	98.16
Standard Deviation	11.79	12.71	11.18
Sharpe Ratio	-0.10	-0.22	-0.16
Tracking Error	1.57	-	2.24
Information Ratio	1.11	-	0.60
Up Capture Ratio	98.06	-	90.73
Down Capture Ratio	88.74	-	84.50

## Portfolio Metrics

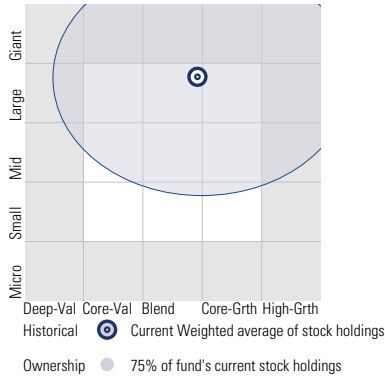
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.98	20.78	21.17
Price/Book Ratio	2.57	2.70	2.81
Avg Eff Duration	5.92	-	5.65

# Vanguard Target Retirement 2025 Fund VTTVX

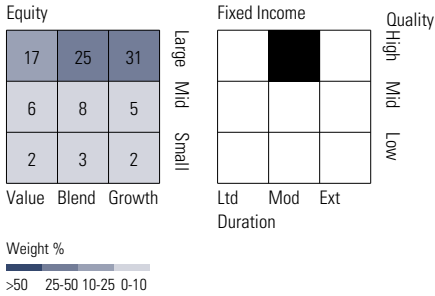
**Morningstar Category**  
Target-Date 2025

**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

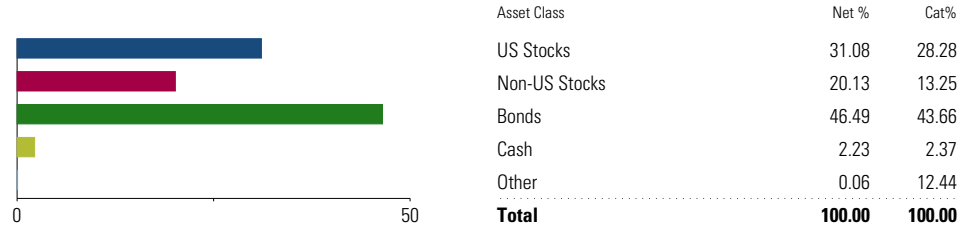
**Style Analysis** as of 06-30-2024  
Morningstar Style Box™



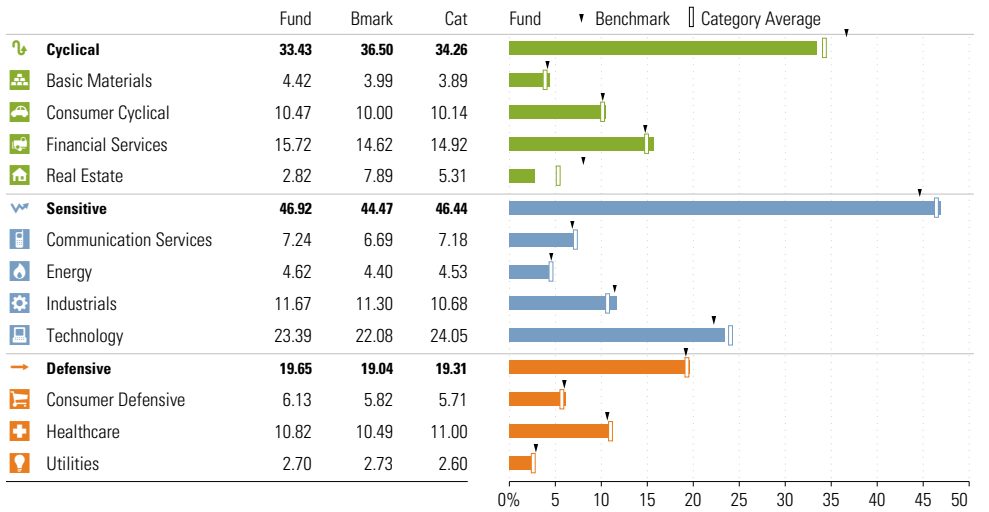
**Style Breakdown**



**Asset Allocation** as of 06-30-2024



**Sector Weighting** as of 06-30-2024



**Top 7 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	–	31.18	31.18	–	–
⊕ Vanguard Total Bond Market II Idx Inv	–	28.71	59.89	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	20.62	80.51	–	–
⊕ Vanguard Total Intl Bd II Idx Instl	–	12.33	92.84	–	–
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	–	6.20	99.04	–	–
⊕ Mktliq 12/31/2049	–	0.93	99.97	–	–
⊕ Us Dollar	–	0.03	100.00	–	–

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category**  
Target-Date 2030

**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

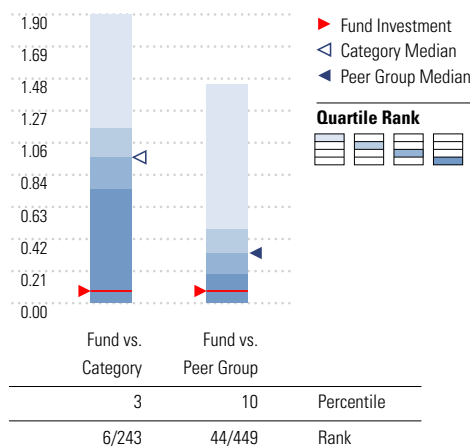
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.79	-	1.35
Beta	0.94	-	0.90
R-Squared	98.99	-	98.38
Standard Deviation	12.88	13.65	12.43
Sharpe Ratio	-0.04	-0.17	-0.08
Tracking Error	1.54	-	2.08
Information Ratio	1.20	-	0.74
Up Capture Ratio	99.64	-	94.65
Down Capture Ratio	90.42	-	87.66

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.03	20.60	21.14
Price/Book Ratio	2.58	2.67	2.88
Avg Eff Duration	6.45	-	5.93

# Vanguard Target Retirement 2030 Fund VTHRX

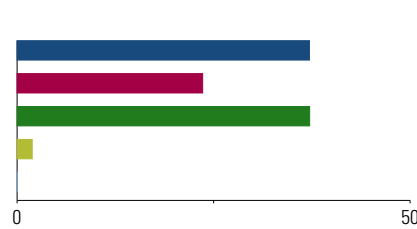
**Morningstar Category**  
Target-Date 2030

**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

**Style Analysis** as of 06-30-2024  
Morningstar Style Box™

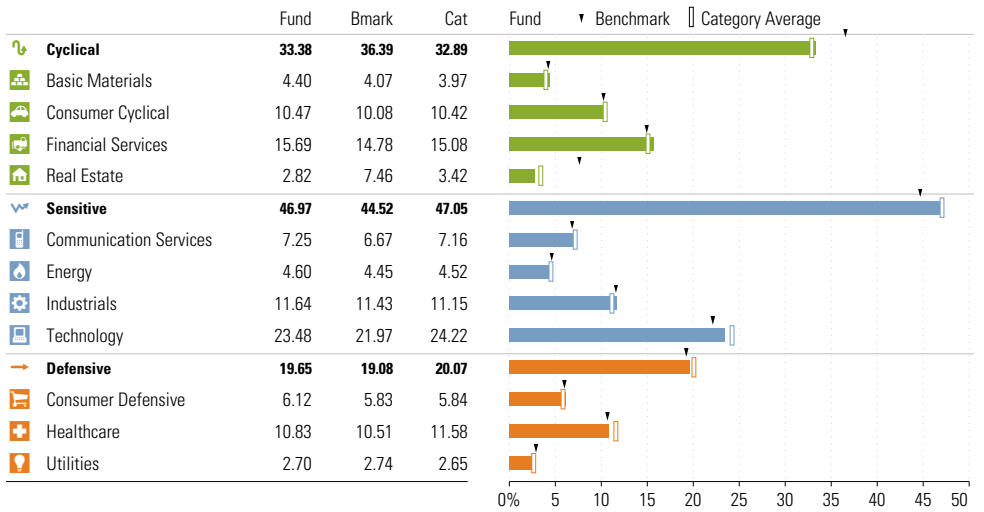


**Asset Allocation** as of 06-30-2024

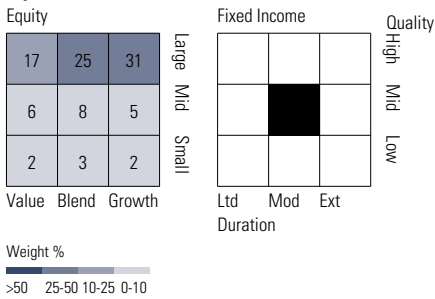


Asset Class	Net %	Cat%
US Stocks	37.19	35.09
Non-US Stocks	23.61	16.64
Bonds	37.22	31.96
Cash	1.92	1.74
Other	0.05	14.55
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024



**Style Breakdown**



**Top 6 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	37.32	37.32	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	26.25	63.57	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	24.18	87.74	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	11.36	99.10	-	-
⊕ Mktliq 12/31/2049	-	0.89	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2035 Fund VTTX

**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2035 category average.

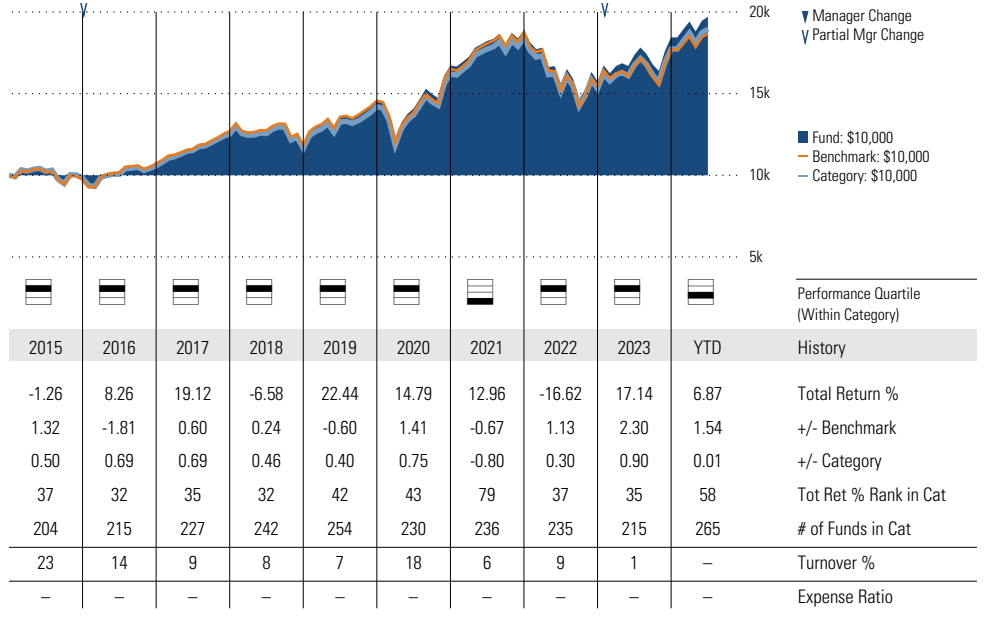
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

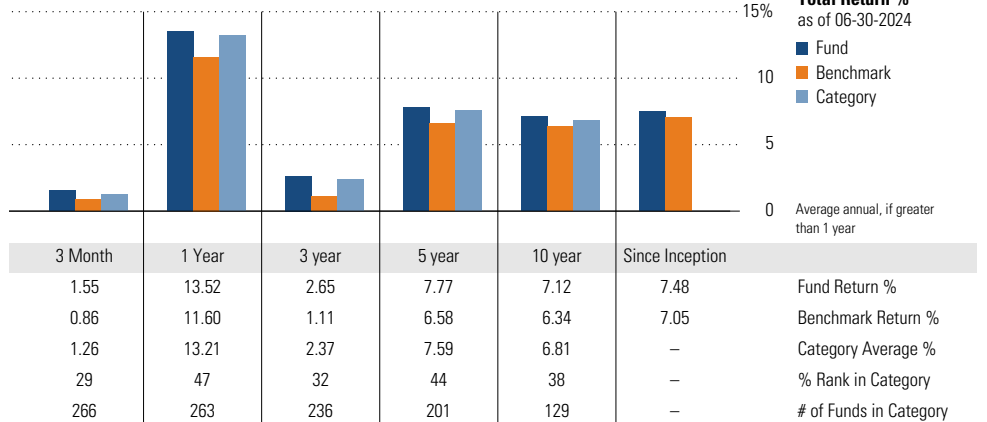
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

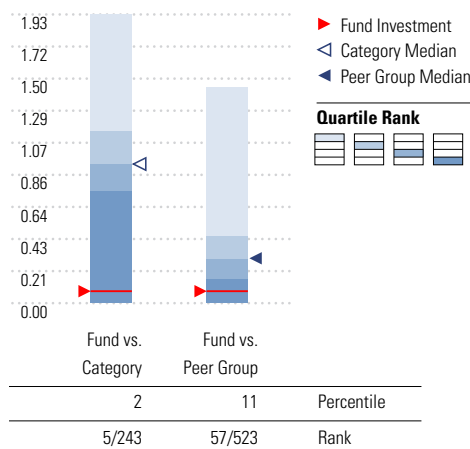
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.54	-	1.35
Beta	0.94	-	0.94
R-Squared	99.02	-	98.42
Standard Deviation	13.72	14.58	13.81
Sharpe Ratio	0.01	-0.09	0.00
Tracking Error	1.65	-	1.96
Information Ratio	0.94	-	0.71
Up Capture Ratio	98.05	-	98.00
Down Capture Ratio	90.73	-	91.58

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.08	20.41	21.00
Price/Book Ratio	2.59	2.64	2.84
Avg Eff Duration	6.45	-	6.53

# Vanguard Target Retirement 2035 Fund VTTHX

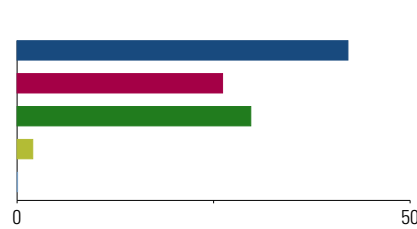
**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

**Style Analysis** as of 06-30-2024  
Morningstar Style Box™

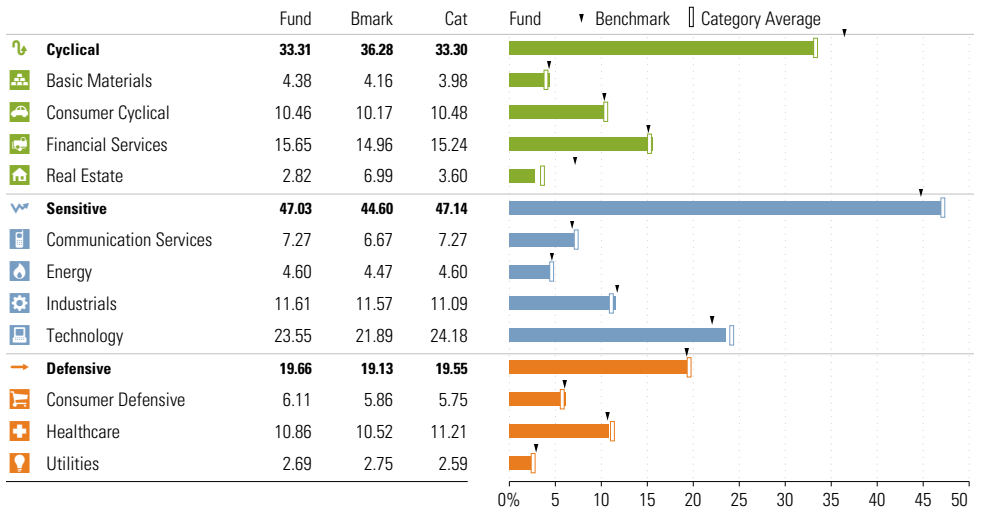


**Asset Allocation** as of 06-30-2024

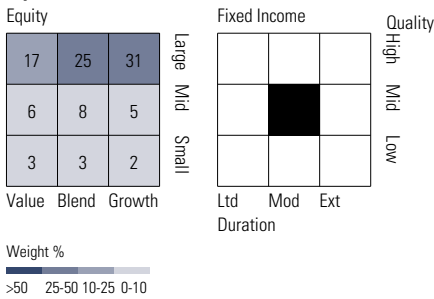


Asset Class	Net %	Cat%
US Stocks	42.09	41.93
Non-US Stocks	26.14	20.57
Bonds	29.73	23.51
Cash	1.99	1.56
Other	0.06	12.44
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024



**Style Breakdown**



**Top 6 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	42.24	42.24	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	26.75	68.99	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	20.95	89.95	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	9.10	99.04	-	-
⊕ Mktliq 12/31/2049	-	0.95	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category**  
Target-Date 2040

**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2040 category average.

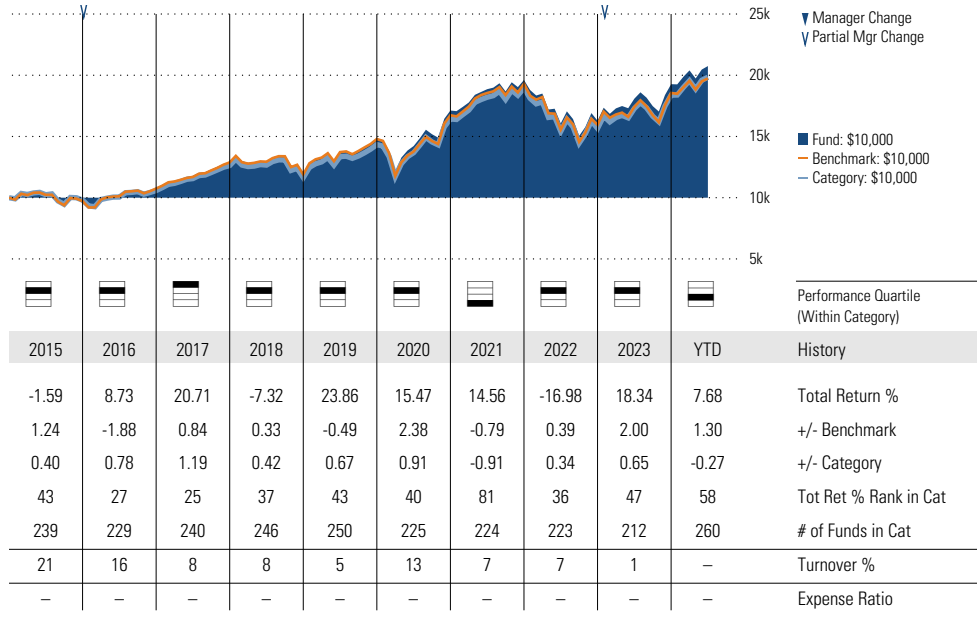
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

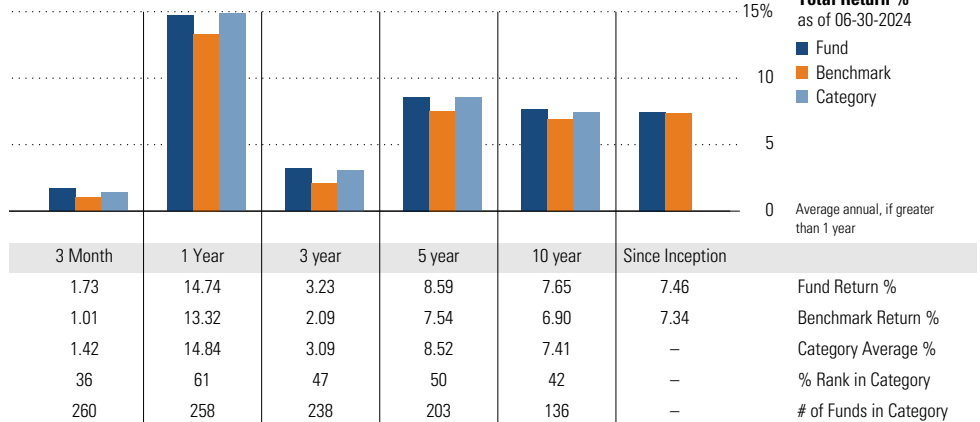
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

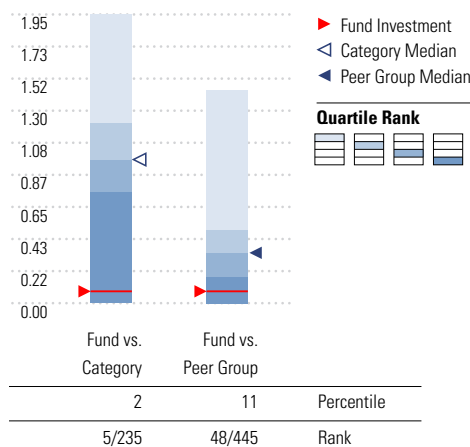
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.18	-	1.11
Beta	0.94	-	0.96
R-Squared	98.95	-	98.40
Standard Deviation	14.55	15.42	14.91
Sharpe Ratio	0.06	-0.01	0.06
Tracking Error	1.77	-	2.06
Information Ratio	0.65	-	0.54
Up Capture Ratio	97.11	-	99.08
Down Capture Ratio	91.84	-	94.20

## Portfolio Metrics

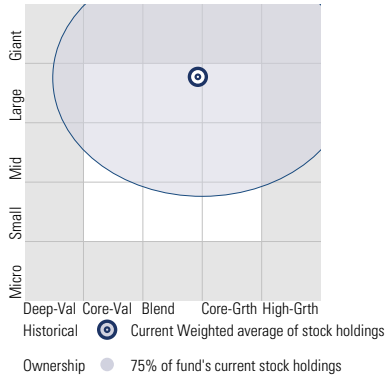
	Fund	Bmark	Cat
Price/Earnings Ratio	20.09	20.23	20.81
Price/Book Ratio	2.60	2.61	2.83
Avg Eff Duration	6.44	-	7.04

# Vanguard Target Retirement 2040 Fund VFORX

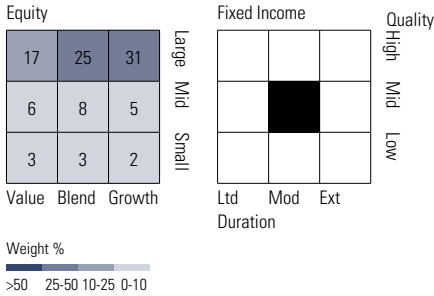
**Morningstar Category**  
Target-Date 2040

**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

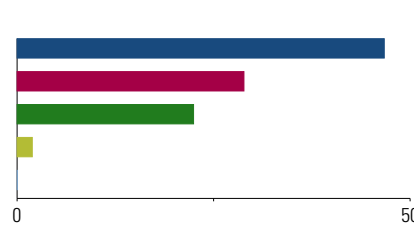
**Style Analysis** as of 06-30-2024  
Morningstar Style Box™



**Style Breakdown**

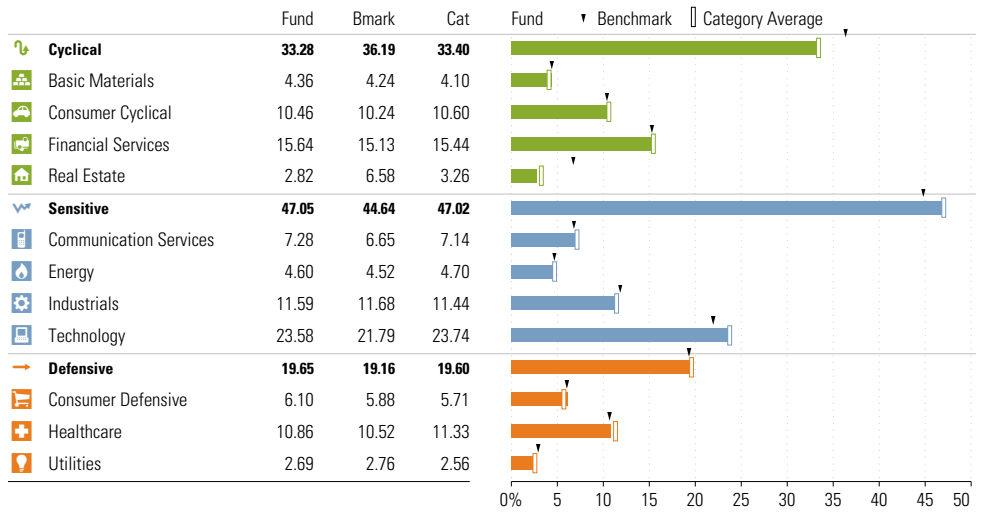


**Asset Allocation** as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	46.71	49.04
Non-US Stocks	28.86	24.84
Bonds	22.45	12.79
Cash	1.93	1.04
Other	0.05	12.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024



**Top 6 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	46.88	46.88	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	29.54	76.42	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	15.82	92.24	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	6.86	99.10	-	-
⊕ Mktliq 12/31/2049	-	0.89	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category**  
Target-Date 2045

**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2045 category average.

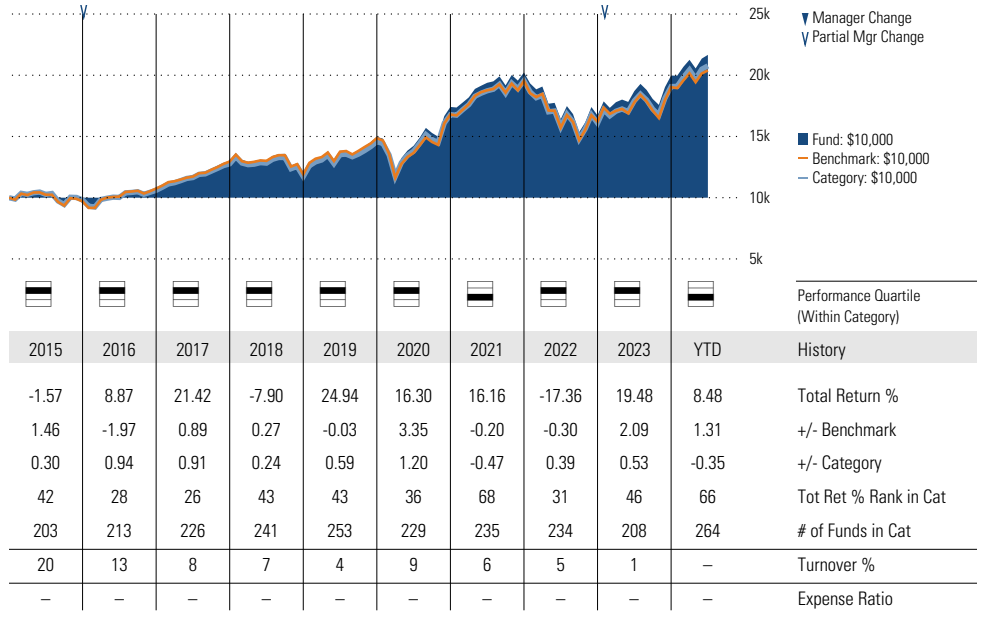
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

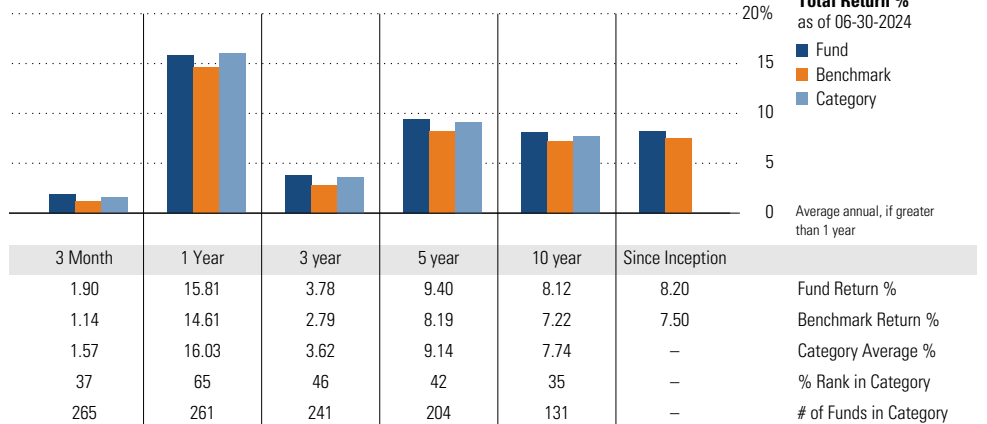
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

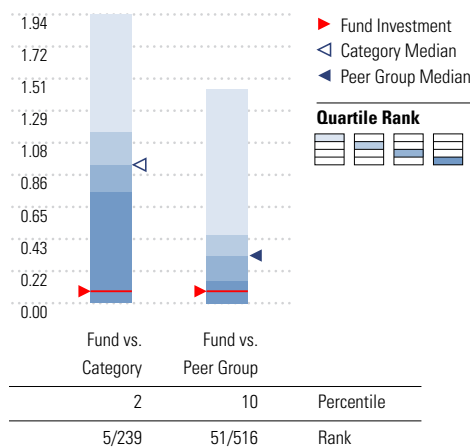
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.04	-	0.90
Beta	0.96	-	0.97
R-Squared	98.87	-	98.34
Standard Deviation	15.41	16.01	15.70
Sharpe Ratio	0.10	0.04	0.09
Tracking Error	1.78	-	2.11
Information Ratio	0.55	-	0.40
Up Capture Ratio	98.62	-	99.98
Down Capture Ratio	94.23	-	96.23

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.06	20.08	20.86
Price/Book Ratio	2.59	2.58	2.80
Avg Eff Duration	6.46	-	7.82

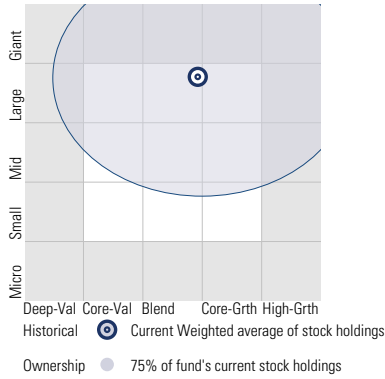
# Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category**  
Target-Date 2045

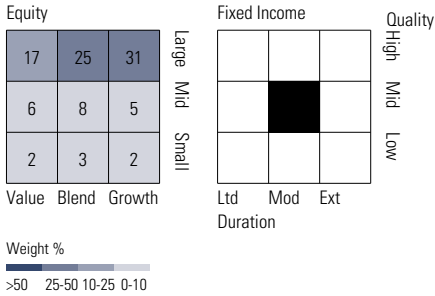
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 06-30-2024

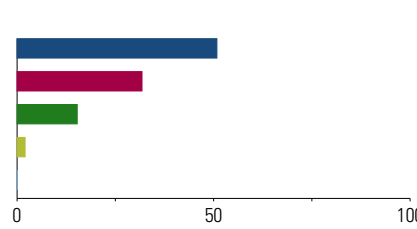
Morningstar Style Box™



## Style Breakdown

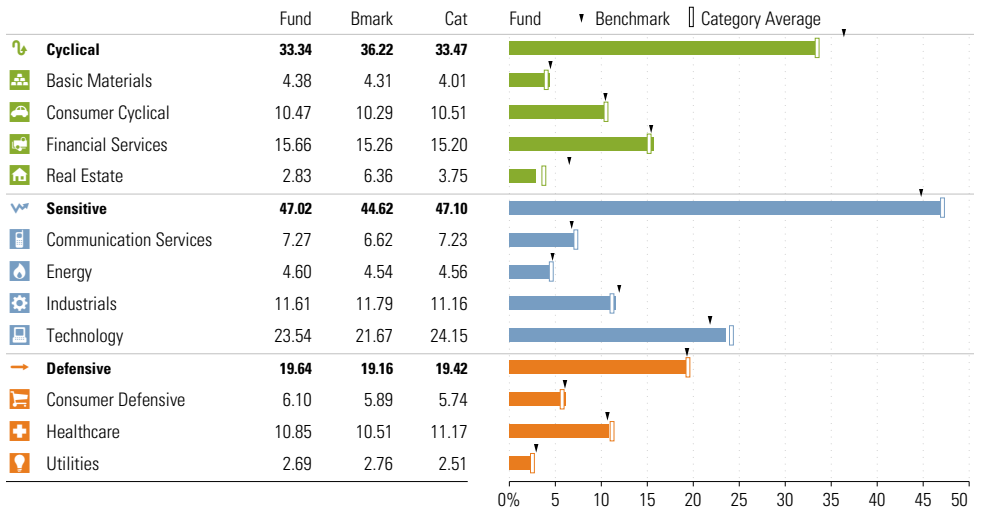


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	50.84	51.93
Non-US Stocks	31.78	25.69
Bonds	15.29	8.93
Cash	2.03	0.90
Other	0.06	12.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	51.02	51.02	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	32.54	83.56	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	10.68	94.24	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	4.78	99.01	-	-
⊕ Mktliq 12/31/2049	-	0.98	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Fund VFIFF

**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2050 category average.

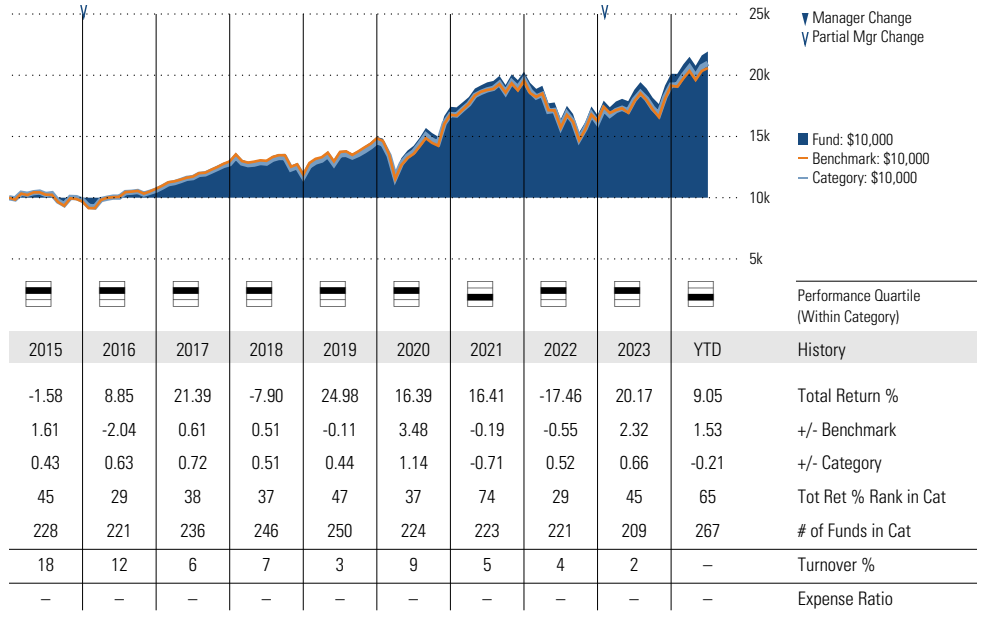
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

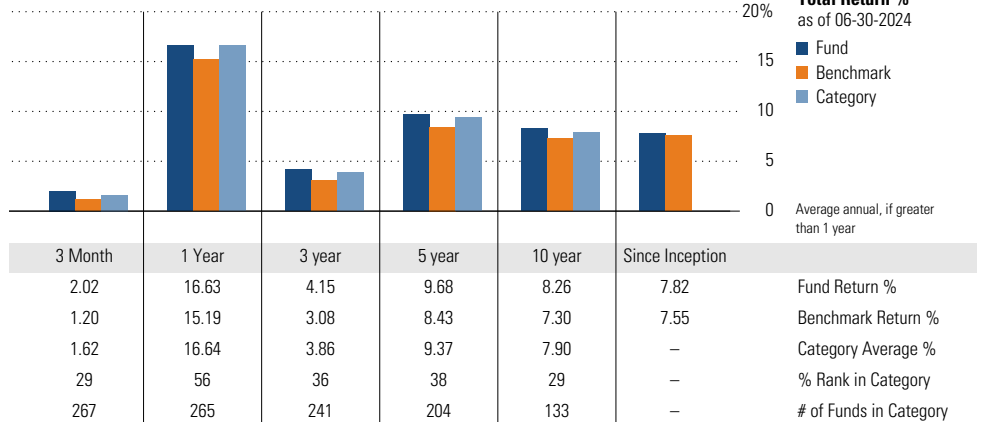
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

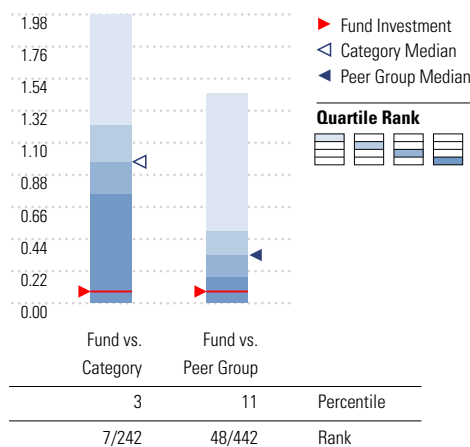
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.12	-	0.84
Beta	0.97	-	0.98
R-Squared	98.81	-	98.25
Standard Deviation	15.82	16.28	16.13
Sharpe Ratio	0.12	0.06	0.11
Tracking Error	1.81	-	2.16
Information Ratio	0.59	-	0.36
Up Capture Ratio	99.82	-	100.84
Down Capture Ratio	95.20	-	97.46

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.01	19.94	20.69
Price/Book Ratio	2.58	2.55	2.77
Avg Eff Duration	6.46	-	7.96

# Vanguard Target Retirement 2050 Fund VFI5X

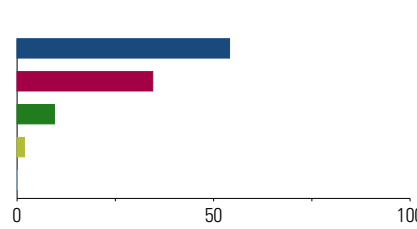
**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

**Style Analysis** as of 06-30-2024  
Morningstar Style Box™

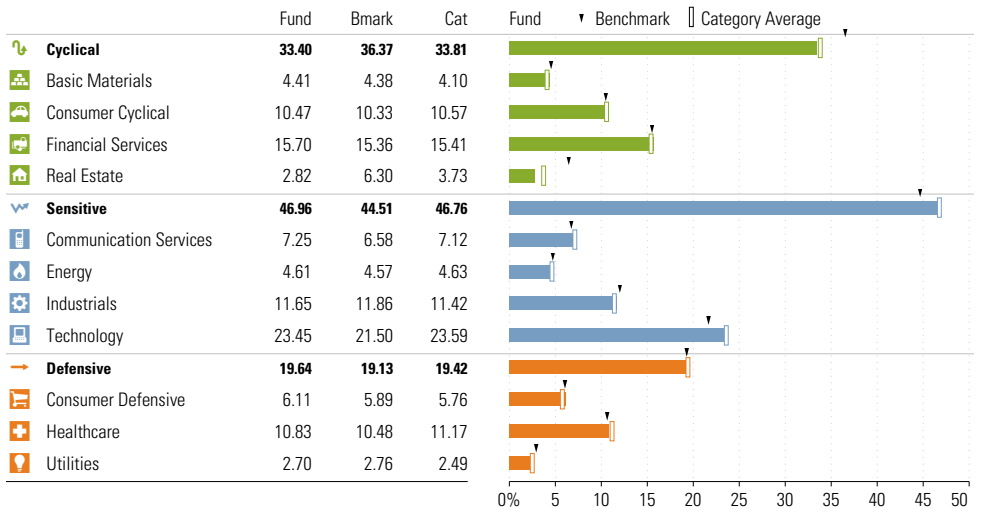


**Asset Allocation** as of 06-30-2024

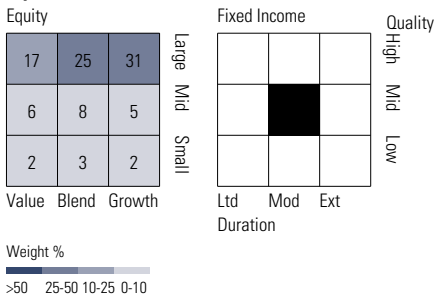


Asset Class	Net %	Cat%
US Stocks	54.06	54.53
Non-US Stocks	34.52	28.71
Bonds	9.50	5.53
Cash	1.86	0.85
Other	0.06	10.39
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024



**Style Breakdown**



**Top 6 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	54.25	54.25	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.35	89.59	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.61	96.20	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	3.00	99.20	-	-
⊕ Mktliq 12/31/2049	-	0.79	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2055 Fund VFFVX

**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2055 category average.

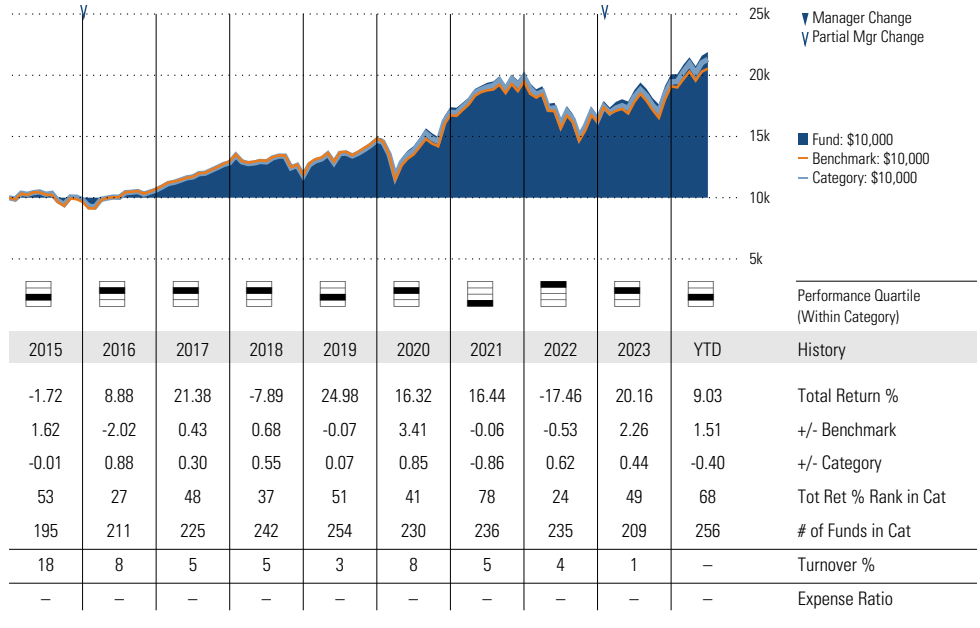
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

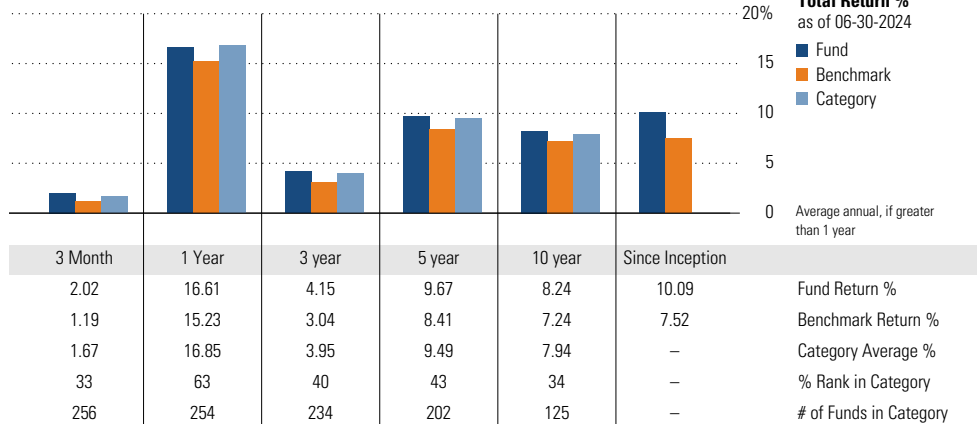
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

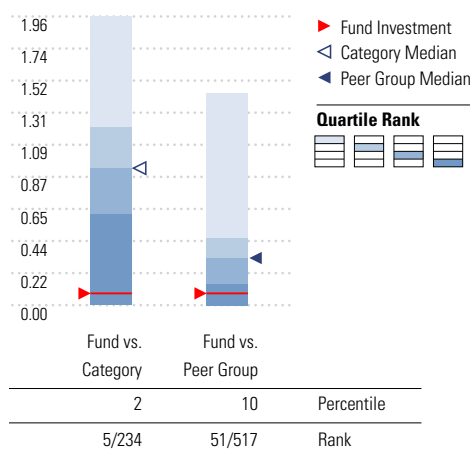
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.16	-	0.99
Beta	0.96	-	0.99
R-Squared	98.77	-	98.22
Standard Deviation	15.83	16.36	16.29
Sharpe Ratio	0.12	0.06	0.12
Tracking Error	1.87	-	2.19
Information Ratio	0.59	-	0.41
Up Capture Ratio	99.57	-	101.82
Down Capture Ratio	94.81	-	97.84

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.00	19.81	20.78
Price/Book Ratio	2.58	2.52	2.76
Avg Eff Duration	6.45	-	9.13

Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

# Vanguard Target Retirement 2055 Fund VFFVX

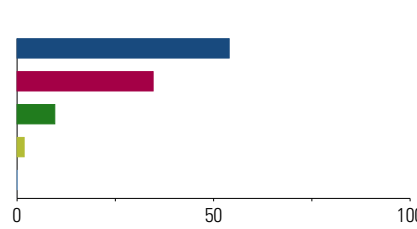
**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

**Style Analysis** as of 06-30-2024  
Morningstar Style Box™

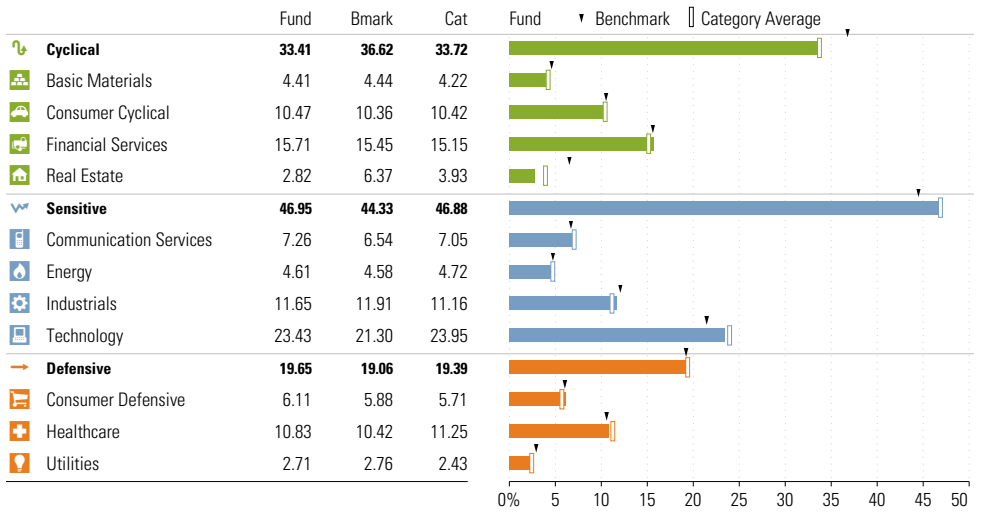


**Asset Allocation** as of 06-30-2024

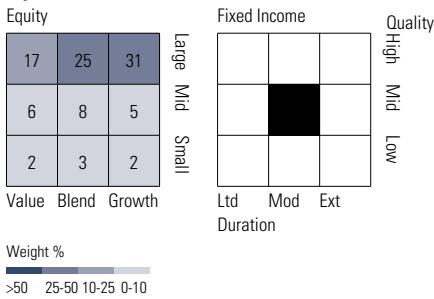


Asset Class	Net %	Cat%
US Stocks	53.96	55.82
Non-US Stocks	34.61	28.25
Bonds	9.59	4.61
Cash	1.79	0.83
Other	0.06	10.51
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024



**Style Breakdown**



**Top 6 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	54.14	54.14	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.44	89.58	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.70	96.28	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	3.00	99.27	-	-
⊕ Mktliq 12/31/2049	-	0.71	99.98	-	-
⊕ Us Dollar	-	0.02	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Fund VTTSX

**Morningstar Category**  
Target-Date 2060

**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

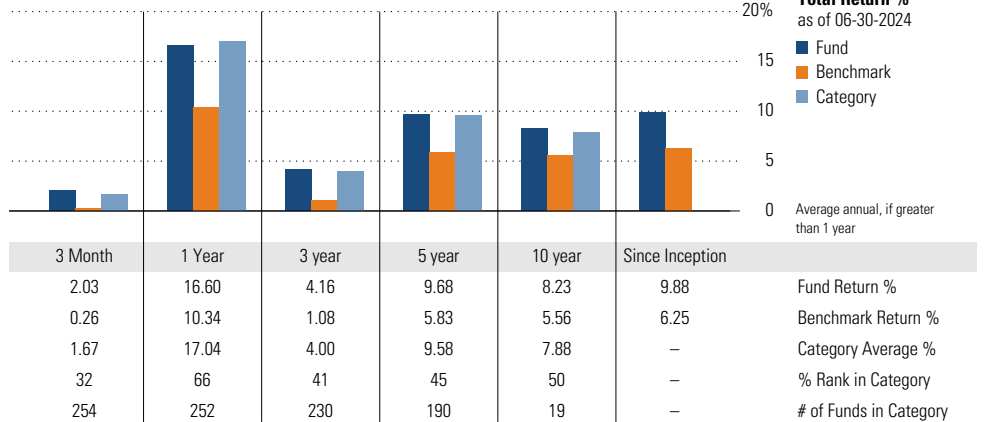
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

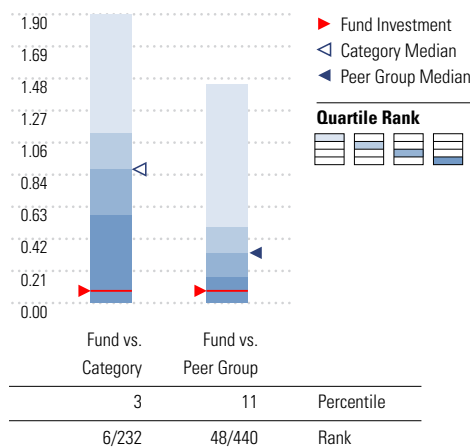
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.01	-	2.93
Beta	1.25	-	1.28
R-Squared	97.72	-	96.58
Standard Deviation	15.81	12.54	16.39
Sharpe Ratio	0.12	-0.12	0.12
Tracking Error	3.91	-	4.68
Information Ratio	0.79	-	0.63
Up Capture Ratio	137.99	-	142.10
Down Capture Ratio	121.85	-	126.56

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.99	19.49	20.24
Price/Book Ratio	2.57	2.42	2.61
Avg Eff Duration	6.46	-	8.66

# Vanguard Target Retirement 2060 Fund VTTSX

**Morningstar Category**  
Target-Date 2060

**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

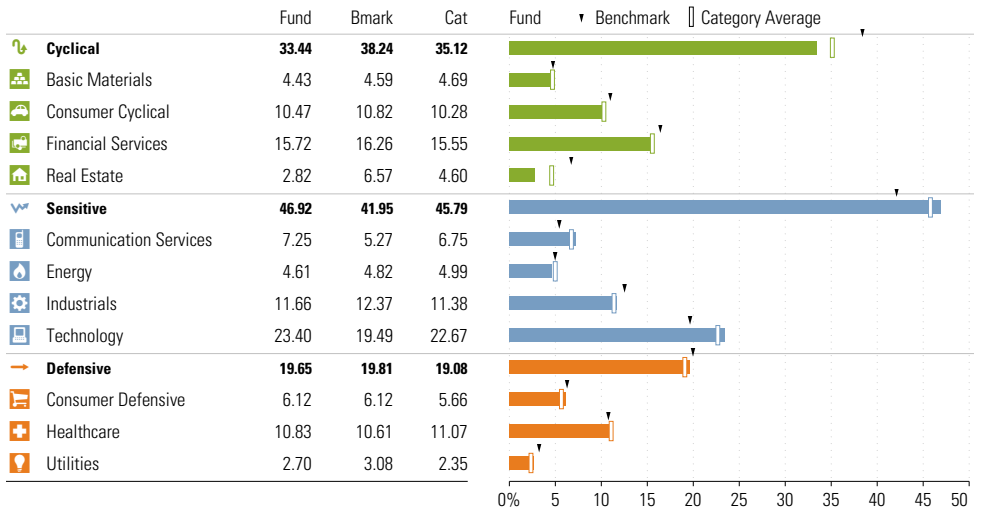


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	53.79	47.69
Non-US Stocks	34.70	30.42
Bonds	9.54	4.18
Cash	1.90	0.42
Other	0.06	17.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.97	53.97	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.54	89.51	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.65	96.16	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	3.00	99.16	-	-
⊕ Mktliq 12/31/2049	-	0.82	99.98	-	-
⊕ Us Dollar	-	0.02	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2065 Fund VLXVX

**Morningstar Category**  
Target-Date 2065+

**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Walter Nejman since 07-2017  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

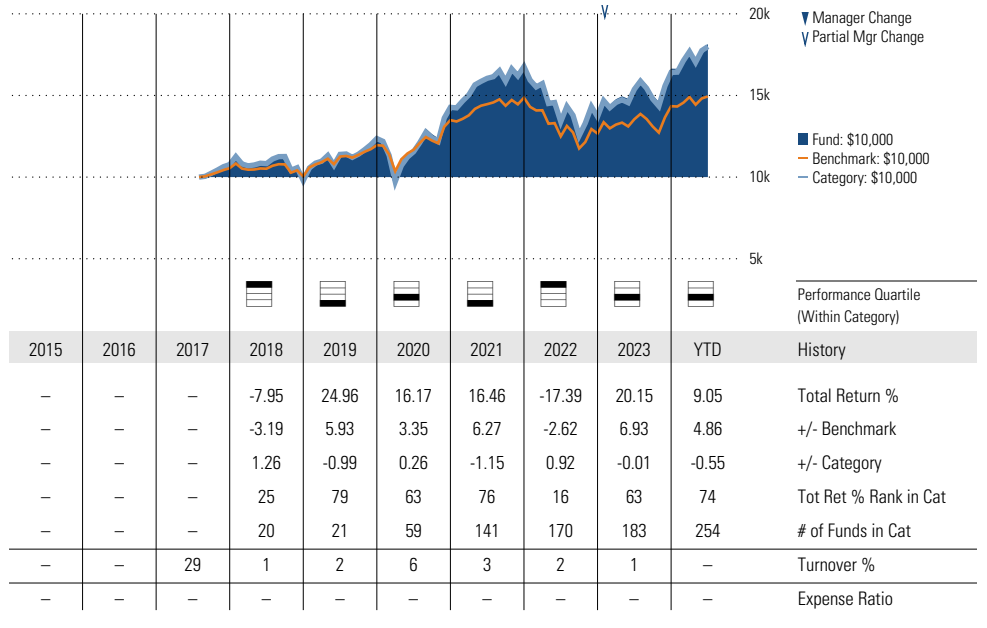
✔ **Performance:** The fund has finished in the Target-Date 2065+ category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.97 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

## Growth of \$10,000



## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

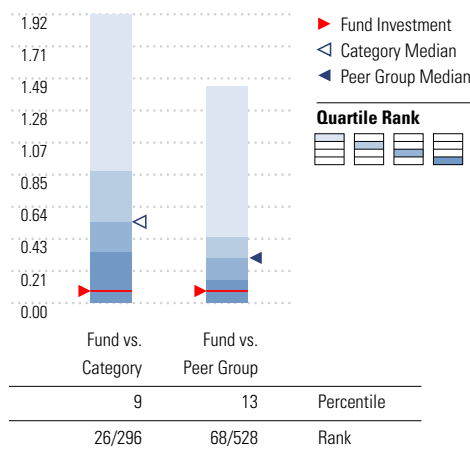
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.03	-	3.02
Beta	1.25	-	1.29
R-Squared	97.70	-	96.52
Standard Deviation	15.81	12.54	16.51
Sharpe Ratio	0.12	-0.12	0.12
Tracking Error	3.91	-	4.80
Information Ratio	0.79	-	0.63
Up Capture Ratio	138.02	-	143.27
Down Capture Ratio	121.75	-	127.22

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.94	19.49	20.41
Price/Book Ratio	2.56	2.42	2.65
Avg Eff Duration	6.45	-	8.99

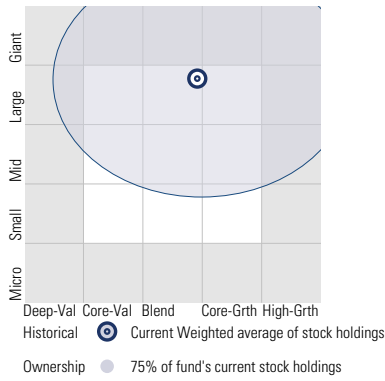
# Vanguard Target Retirement 2065 Fund VLXVX

**Morningstar Category**  
Target-Date 2065+

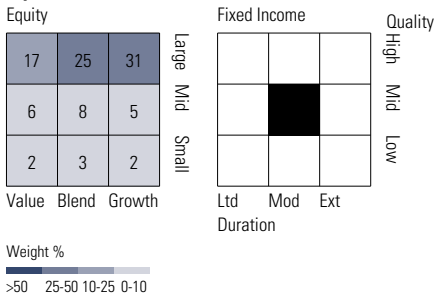
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 06-30-2024

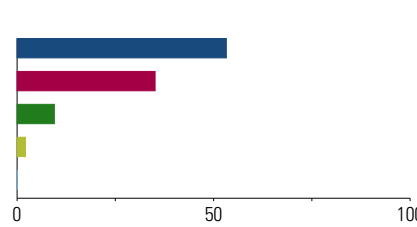
Morningstar Style Box™



## Style Breakdown

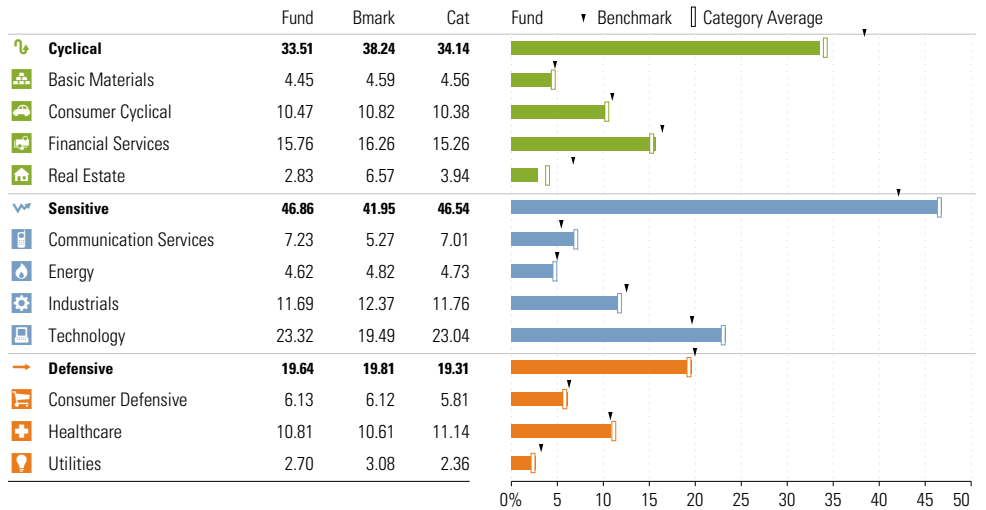


## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	53.24	49.22
Non-US Stocks	35.11	30.56
Bonds	9.47	5.67
Cash	2.12	0.94
Other	0.06	13.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.41	53.41	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.96	89.38	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.58	95.95	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	3.00	98.95	-	-
⊕ Mktliq 12/31/2049	-	0.99	99.94	-	-
⊕ Us Dollar	-	0.06	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category**  
Target-Date 2065+

**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Walter Nejman since 06-2022  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

The Performance screen is not applicable for funds with less than three years of data.

✗ **Management:** The fund's management team has been in place for less than three years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

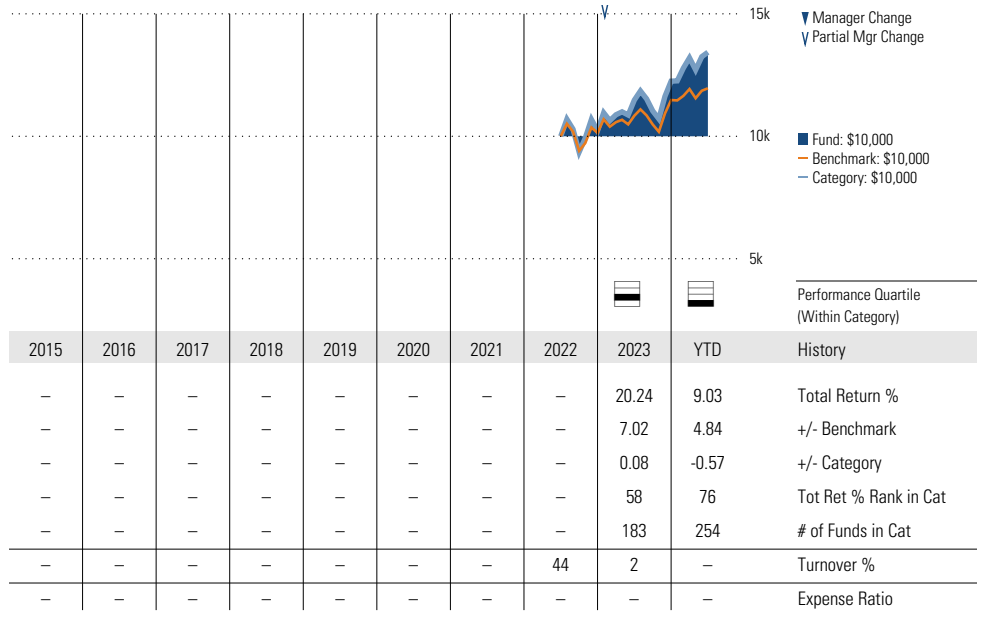
## Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen due to a limited history for this target-date vintage.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022

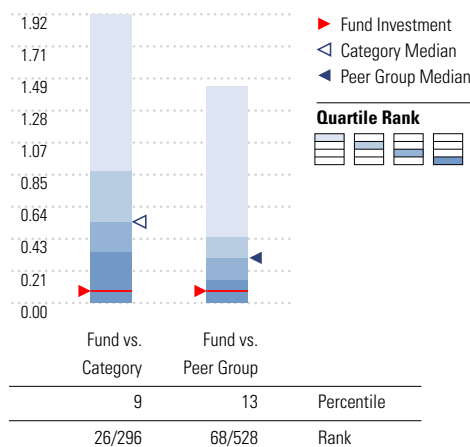
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-	-	3.02
Beta	-	-	1.29
R-Squared	-	-	96.52
Standard Deviation	-	12.54	16.51
Sharpe Ratio	-	-0.12	0.12
Tracking Error	-	-	4.80
Information Ratio	-	-	0.63
Up Capture Ratio	-	-	143.27
Down Capture Ratio	-	-	127.22

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.96	19.49	20.41
Price/Book Ratio	2.57	2.42	2.65
Avg Eff Duration	6.44	-	8.99

# Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category**  
Target-Date 2065+

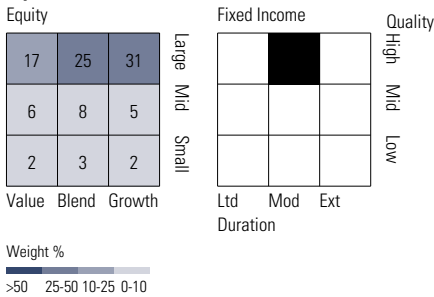
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	53.69	49.22
Non-US Stocks	35.07	30.56
Bonds	9.88	5.67
Cash	1.29	0.94
Other	0.06	13.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2024



## Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.87	53.87	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.92	89.78	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	7.00	96.78	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.99	99.77	-	-
⊕ Mktliq 12/31/2049	-	0.13	99.90	-	-
⊕ Us Dollar	-	0.10	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category**  
Target-Date Retirement

**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date Retirement category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.36 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date Retirement category average.

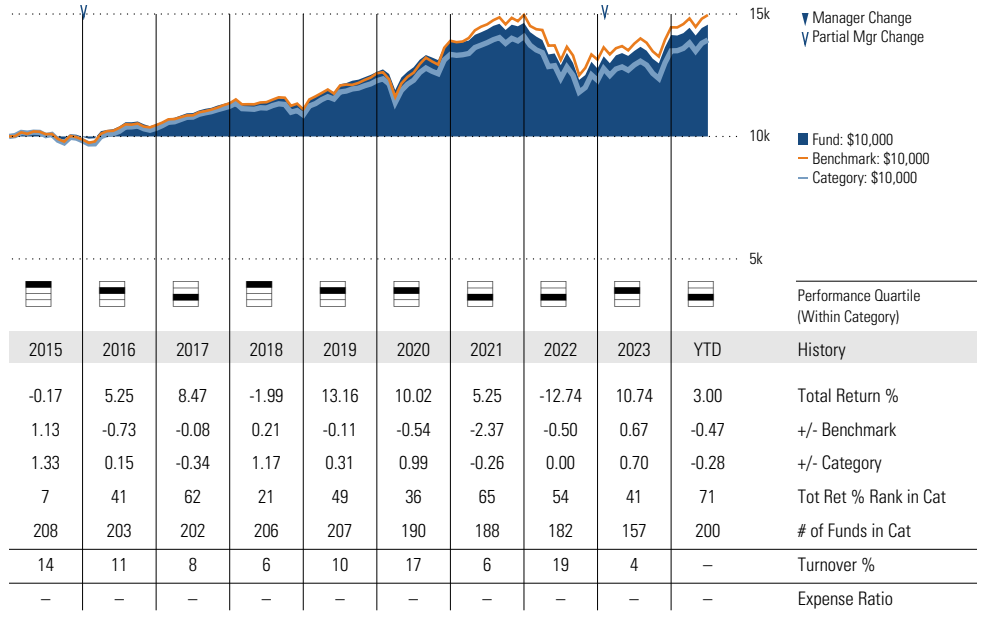
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

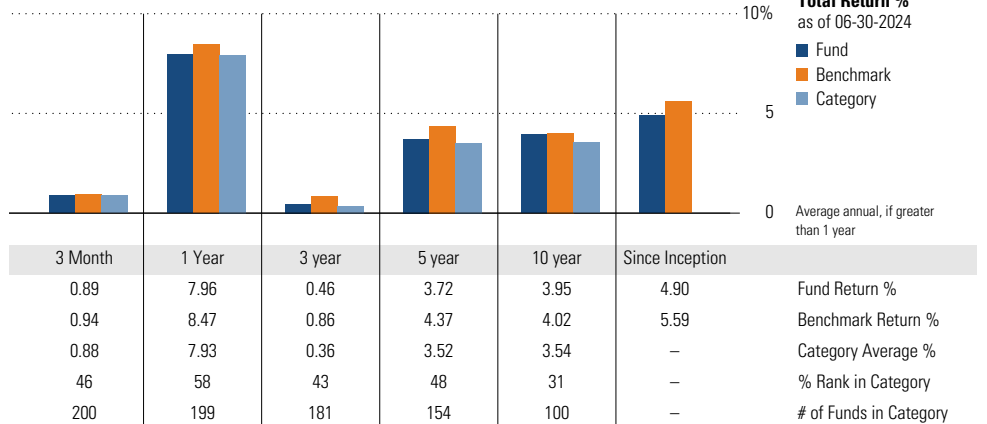
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.36	-	-0.47
Beta	0.93	-	0.98
R-Squared	97.97	-	96.71
Standard Deviation	8.66	9.17	9.10
Sharpe Ratio	-0.30	-0.23	-0.30
Tracking Error	1.37	-	1.82
Information Ratio	-0.29	-	-0.31
Up Capture Ratio	93.07	-	96.35
Down Capture Ratio	95.87	-	100.07

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.95	21.34	20.81
Price/Book Ratio	2.56	2.82	2.66
Avg Eff Duration	5.49	-	6.10

# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category**  
Target-Date Retirement

**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

**Style Analysis** as of 06-30-2024  
Morningstar Style Box™



**Style Breakdown**

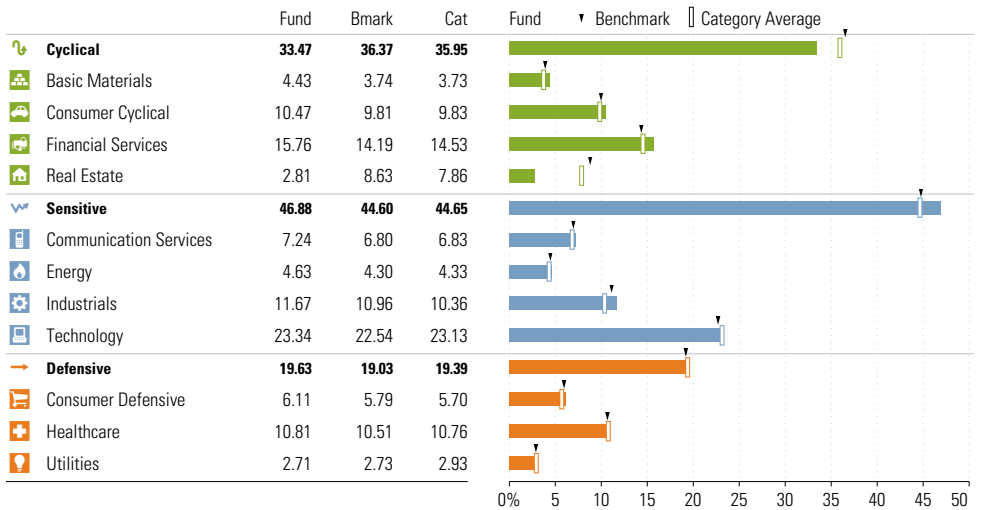


**Asset Allocation** as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	17.64	21.05
Non-US Stocks	11.56	9.30
Bonds	68.25	52.37
Cash	2.50	4.30
Other	0.05	12.98
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2024



**Top 7 Holdings** as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	36.96	36.96	—	—
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	17.70	54.65	—	—
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	16.82	71.47	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	15.89	87.36	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	11.84	99.19	—	—
⊕ Mktliq 12/31/2049	—	0.79	99.98	—	—
⊕ Us Dollar	—	0.02	100.00	—	—

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio