

# American Funds Europacific Growth R6 RERGX

Morningstar Category  
Foreign Large Growth

Morningstar Index  
MSCI EAFE NR USD

Portfolio Manager(s)

- Carl Kawaja since 06-2001
- Sung Lee since 06-2002
- Nicholas Grace since 06-2002
- Andrew Suzman since 06-2007
- Christopher Thomsen since 06-2008
- Lawrence Kymisis since 06-2014
- Lara Pellini since 10-2014
- Harold La since 06-2018
- Tomonori Tani since 12-2018
- Noriko Chen since 01-2020
- Gerald Manoir since 01-2020
- Samir Parekh since 06-2024

Quantitative Screens

- Performance:** The fund has finished in the Foreign Large Growth 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 23.6 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 0.47 is 53% lower than the Foreign Large Growth category average.

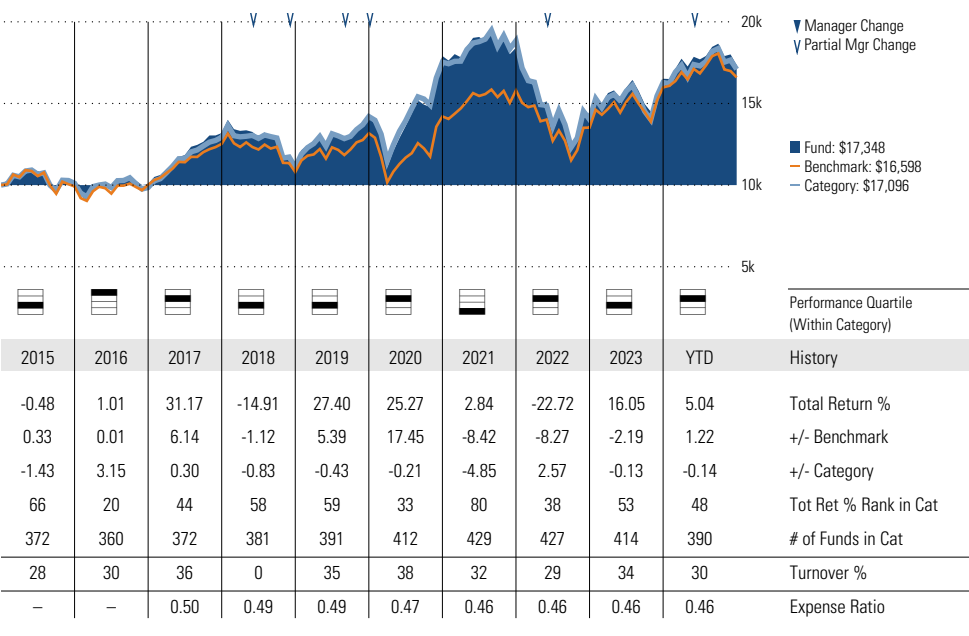
Morningstar Investment Management LLC Analysis

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.

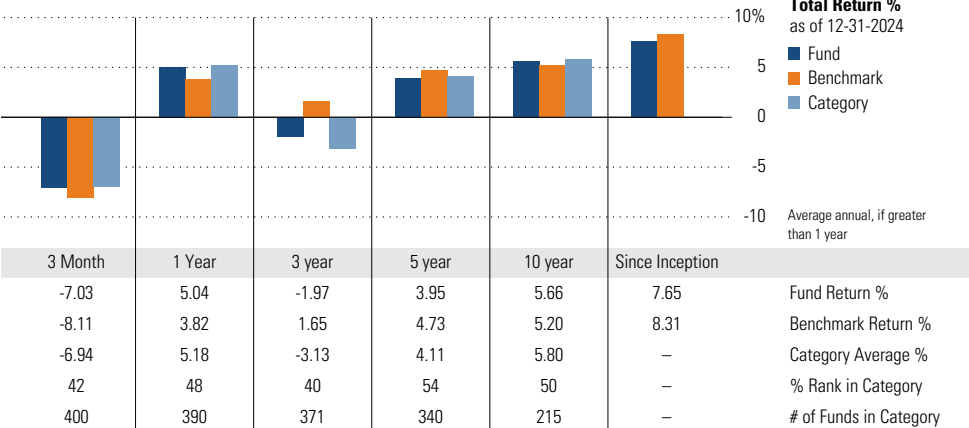
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

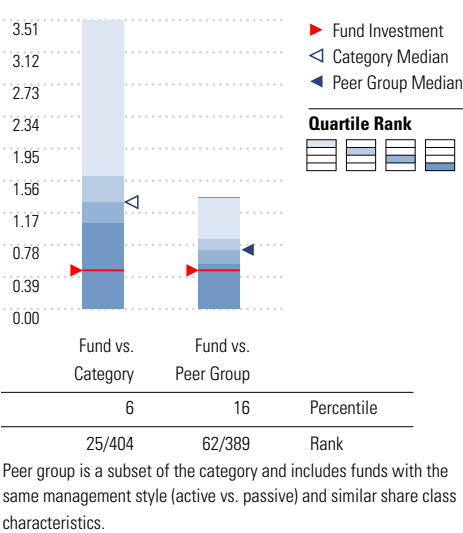
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-3.53	-	-4.61
Beta	1.03	-	1.11
R-Squared	93.80	-	87.77
Standard Deviation	17.86	16.85	19.99
Sharpe Ratio	-0.26	-0.07	-0.27
Tracking Error	4.47	-	7.35
Information Ratio	-0.81	-	-0.67
Up Capture Ratio	93.13	-	97.24
Down Capture Ratio	108.43	-	117.92

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.66	16.25	23.61
Price/Book Ratio	2.71	1.80	3.44
Geom Avg Mkt Cap \$B	69.28	51.93	69.18
ROE	18.91	17.02	22.03

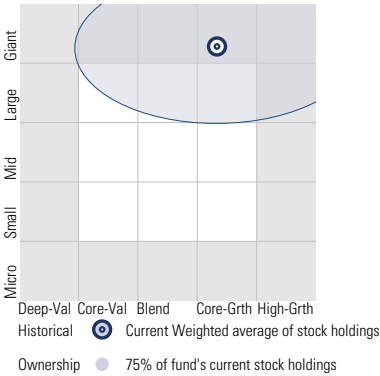
# American Funds Europacific Growth R6 RERGX

Morningstar Category  
Foreign Large Growth

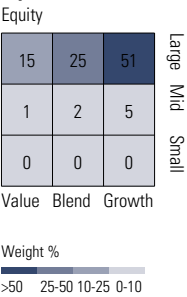
Morningstar Index  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2024

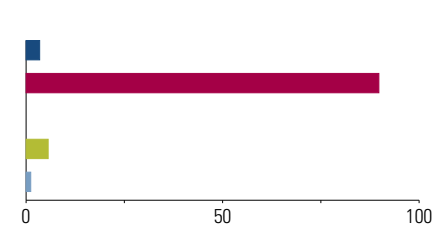
Morningstar Style Box™



## Style Breakdown

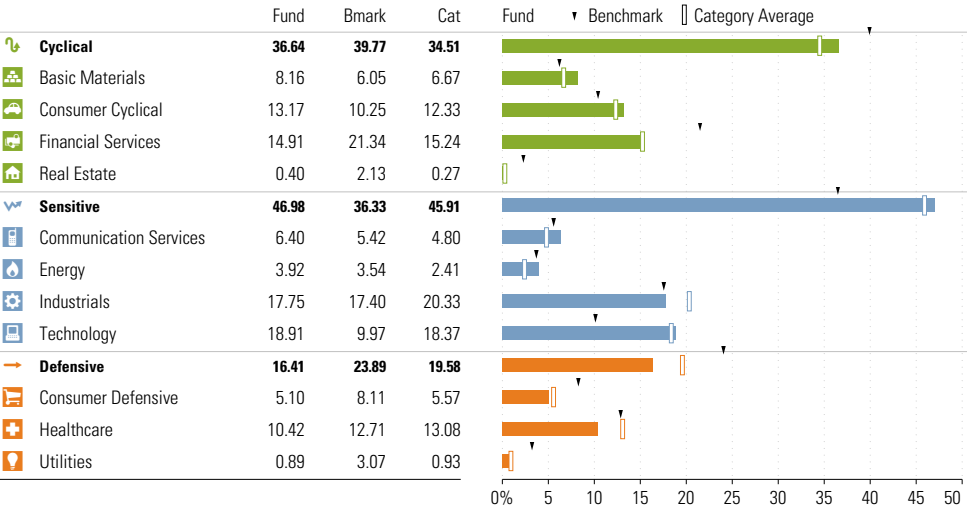


## Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	3.45	7.55
Non-US Stocks	89.76	89.58
Bonds	0.00	0.02
Cash	5.61	2.14
Other	1.18	0.71
Total	100.00	100.00

## Sector Weighting as of 12-31-2024



## World Regions % Equity 12-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	32.57	27.60	Americas	14.72	16.21	Greater Europe	52.71	56.19	Market Maturity	Fund %
Japan	11.13	13.03	North America	10.72	13.54	United Kingdom	12.74	13.58	Developed Markets	84.72
Australasia	0.24	1.43	Central/Latin	4.00	2.67	W euro-ex UK	39.89	42.24	Emerging Markets	15.28
Asia-4 Tigers	9.98	6.33				Emrgng Europe	0.01	0.02	Not Available	0.00
Asia-ex 4 Tigers	11.22	6.81				Africa	0.07	0.35		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.89	5.89	—	—
⊖ Taiwan Semiconductor Manufacturing Co Ltd	4.96	10.84	—	Technology
⊖ Novo Nordisk AS Class B	3.08	13.92	—	Healthcare
⊖ SAP SE	2.60	16.53	—	Technology
⊖ Airbus SE	2.44	18.97	—	Industrials
⊖ Flutter Entertainment PLC	1.82	20.79	—	Consumer Cyclical
⊖ Recruit Holdings Co Ltd	1.66	22.45	—	Communication Svc
⊖ MercadoLibre Inc	1.56	24.01	—	Consumer Cyclical
⊖ Safran SA	1.56	25.56	—	Industrials
⊖ ASML Holding NV	1.51	27.07	—	Technology

Total Holdings 334

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

### Portfolio Manager(s)

James Lovelace since 03-1992  
Donald O'Neal since 03-1992  
Christopher Buchbinder since 03-2007  
Grant Cambridge since 03-2014  
Martin Romo since 07-2018  
Aline Avzaradel since 03-2019  
Martin Jacobs since 12-2019  
James Terrile since 03-2020  
Jessica Spaly since 03-2021

### 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 32.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 80 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.27 is 63.01% lower than the Large Blend category average.

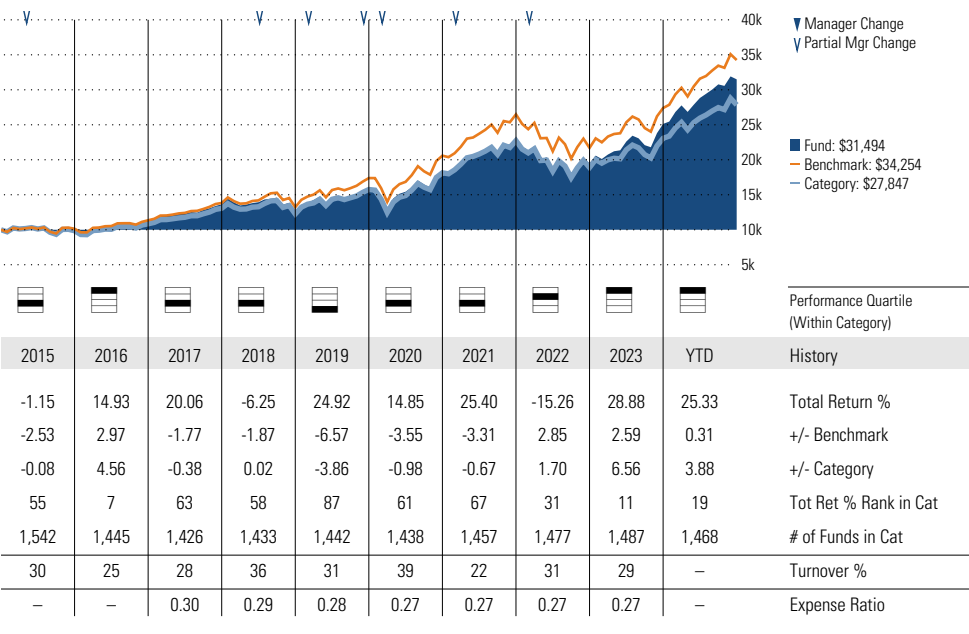
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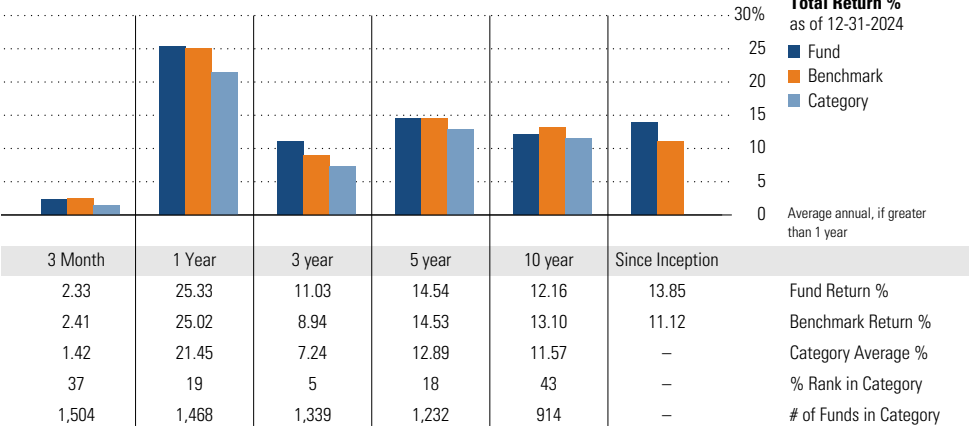
### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022

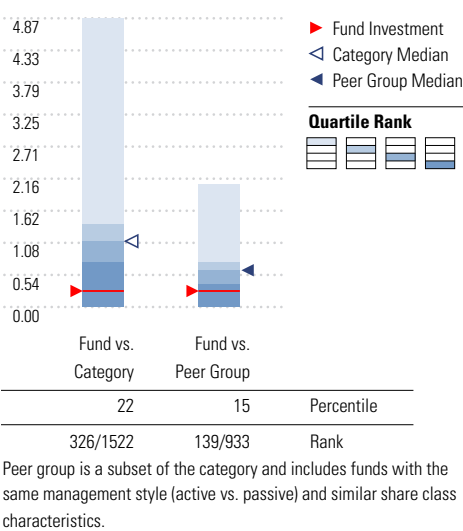
### Growth of \$10,000



### Trailing Performance



### Net Expense



### 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.61	—	-1.12
Beta	0.91	—	0.95
R-Squared	96.91	—	94.60
Standard Deviation	16.08	17.40	16.91
Sharpe Ratio	0.48	0.34	0.25
Tracking Error	3.23	—	3.56
Information Ratio	0.65	—	-1.26
Up Capture Ratio	97.04	—	92.39
Down Capture Ratio	87.34	—	96.94

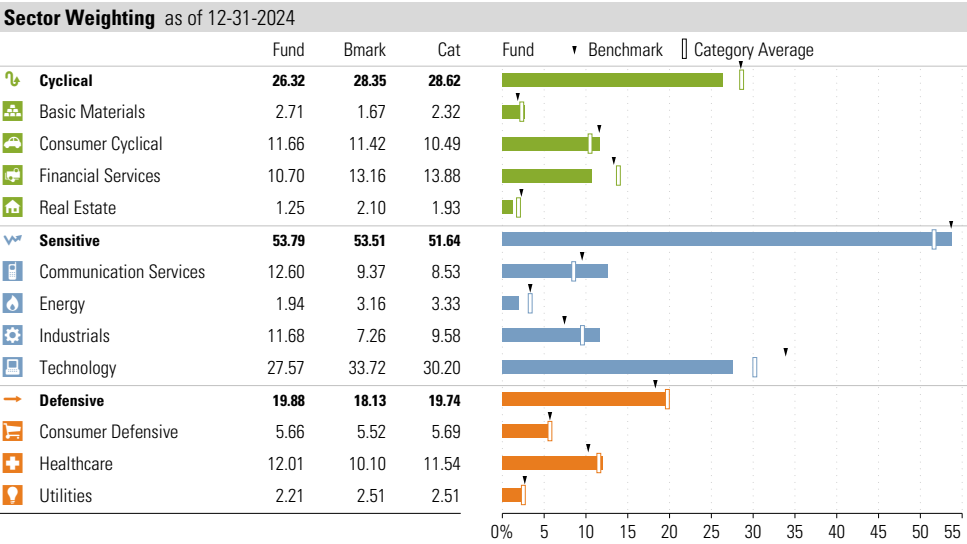
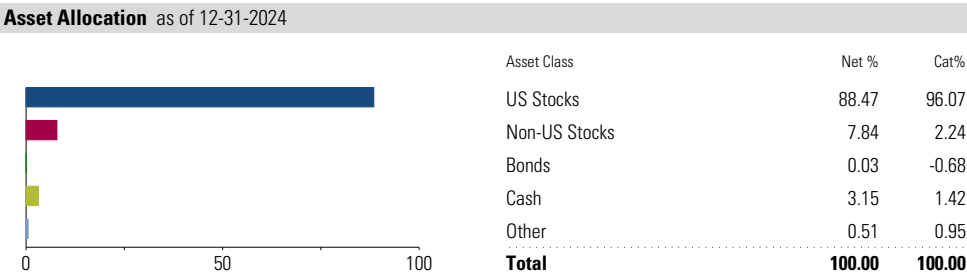
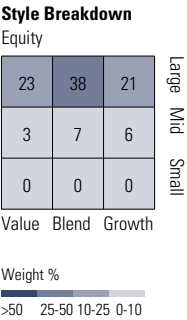
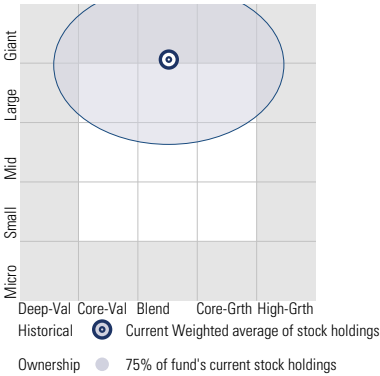
### Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	27.91	27.14	27.37
Price/Book Ratio	4.67	4.77	4.95
Geom Avg Mkt Cap \$B	314.21	362.17	383.78
ROE	27.41	33.88	32.35

American Funds Invmt Co of Amer R6 RICGX

Morningstar Category Large Blend  
Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2024  
Morningstar Style Box™



Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.90	6.90	12.91	Technology
+ Broadcom Inc	6.27	13.17	—	Technology
Meta Platforms Inc Class A	4.65	17.82	—	Communication Svc
- Amazon.com Inc	4.00	21.82	44.39	Consumer Cyclical
- Apple Inc	3.16	24.97	30.58	Technology
- Capital Group Central Cash Fund	3.09	28.06	—	—
+ Alphabet Inc Class A	2.90	30.97	35.94	Communication Svc
- Royal Caribbean Group	2.53	33.50	78.89	Consumer Cyclical
Alphabet Inc Class C	2.44	35.94	35.56	Communication Svc
+ British American Tobacco PLC	2.29	38.23	—	Consumer Defensive
+ UnitedHealth Group Inc	2.19	40.42	-2.36	Healthcare
- GE Aerospace	2.04	42.46	62.03	Industrials
+ Salesforce Inc	1.73	44.19	27.66	Technology
- Philip Morris International Inc	1.64	45.82	—	Consumer Defensive
+ NVIDIA Corp	1.60	47.43	171.24	Technology

Total Holdings 201

+ 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  
Winnie Kwan since 01-2009  
Christopher Thomsen since 01-2009  
Tomonori Tani since 10-2013  
Akira Shiraishi since 01-2017  
Bradford Freer since 01-2017  
Lisa Thompson since 10-2019  
Kirstie Spence since 12-2019  
Piyada Phanaphat since 01-2020  
Dawid Justus 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 25.56 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 48.65% lower than the Diversified Emerging Mkts category average.

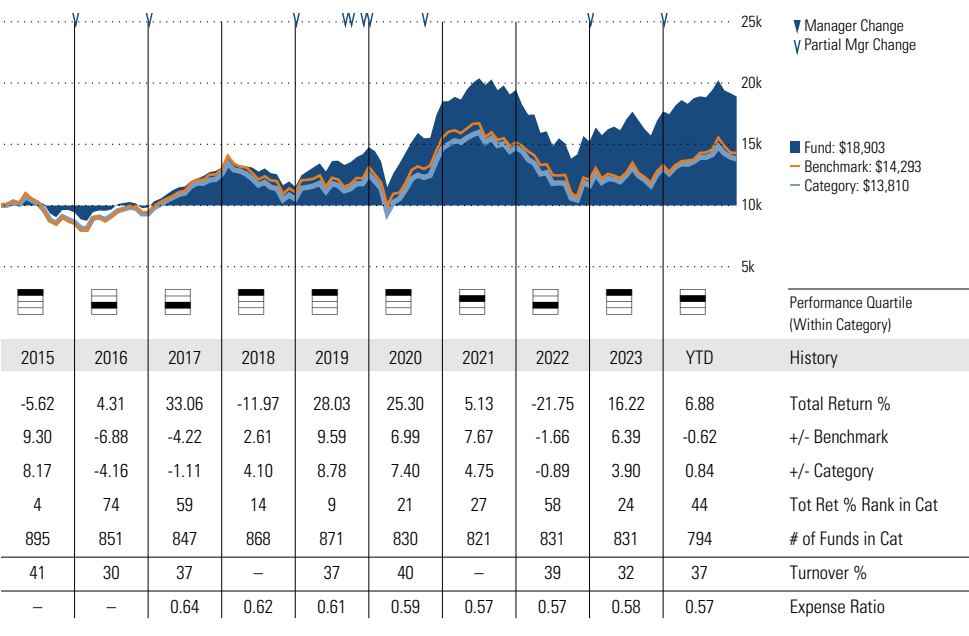
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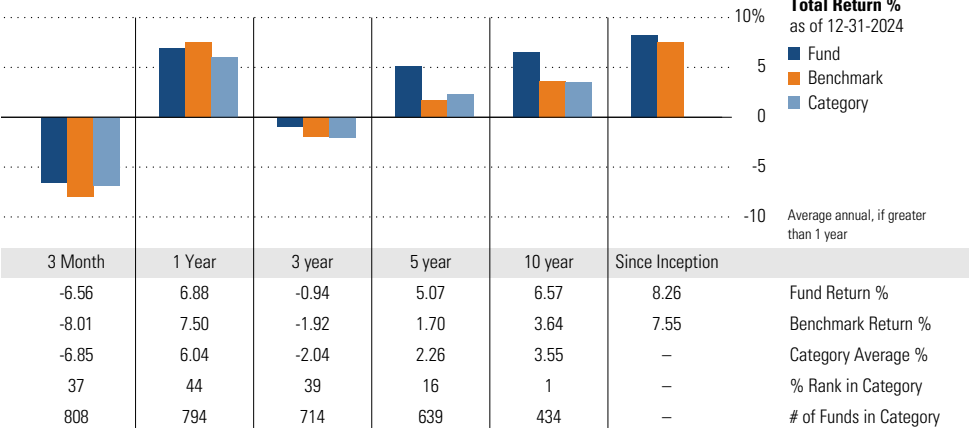
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

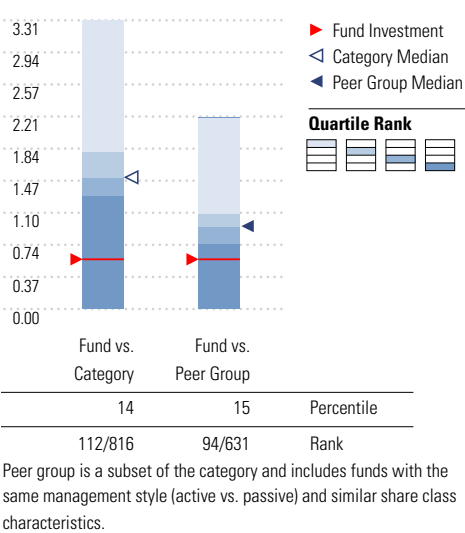
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.63	—	-0.95
Beta	0.79	—	0.93
R-Squared	77.61	—	87.17
Standard Deviation	15.98	17.75	17.78
Sharpe Ratio	-0.25	-0.26	-0.31
Tracking Error	8.41	—	6.29
Information Ratio	0.12	—	-0.14
Up Capture Ratio	80.45	—	91.93
Down Capture Ratio	78.51	—	96.62

Portfolio Metrics

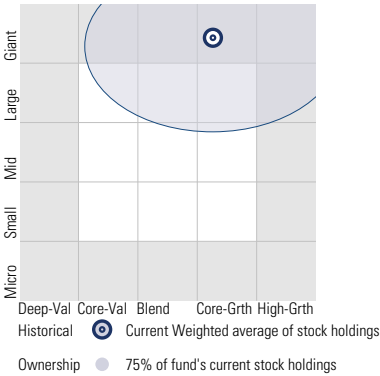
	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	13.99	13.85
Price/Book Ratio	3.07	1.74	1.84
Geom Avg Mkt Cap \$B	80.99	47.88	52.65
ROE	23.57	17.44	18.82

American Funds New World R6 RNWGX

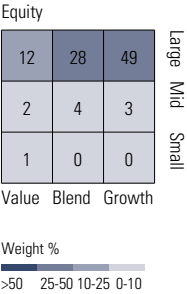
Morningstar Category Diversified Emerging Mkts  
Morningstar Index MSCI EM NR USD

Style Analysis as of 12-31-2024

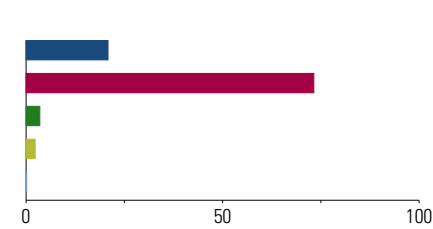
Morningstar Style Box™



Style Breakdown

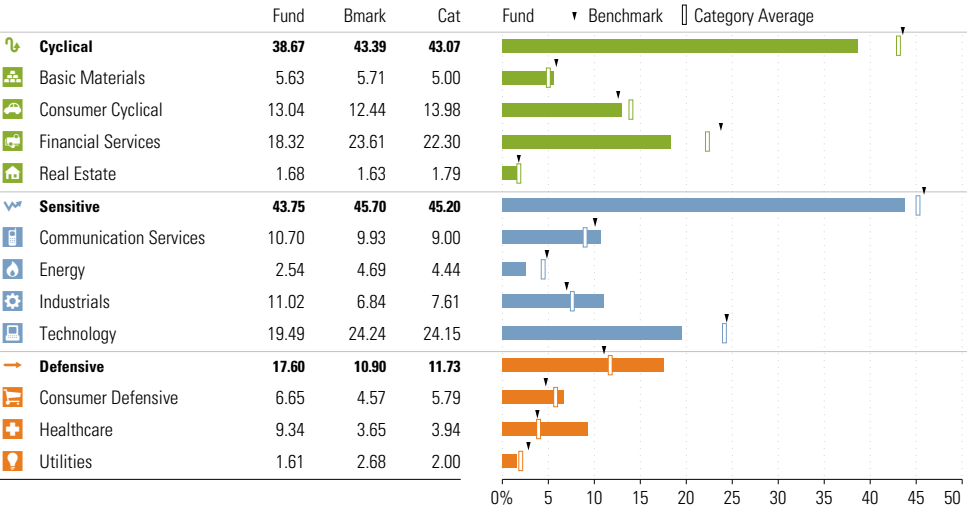


Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	20.84	2.19
Non-US Stocks	73.21	96.35
Bonds	3.49	-0.03
Cash	2.30	1.41
Other	0.16	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	47.64	76.52	Americas	31.65	12.47	Greater Europe	20.71	11.00	Market Maturity	Fund %
Japan	2.31	0.04	North America	23.61	1.90	United Kingdom	2.67	0.58	Developed Markets	56.63
Australasia	0.00	0.04	Central/Latin	8.04	10.57	W euro-ex UK	14.55	1.64	Emerging Markets	43.37
Asia-4 Tigers	12.82	28.03				Emrgng Europe	0.47	2.03	Not Available	0.00
Asia-ex 4 Tigers	32.51	48.41				Africa	3.02	6.75		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Taiwan Semiconductor Manufacturing Co Ltd	5.95	5.95	—	Technology
⊕ Tencent Holdings Ltd	2.62	8.57	—	Communication Svc
⊕ Microsoft Corp	2.61	11.18	12.91	Technology
⊖ Capital Group Central Cash Fund	2.57	13.75	—	—
⊕ MercadoLibre Inc	1.85	15.60	—	Consumer Cyclical
⊖ Broadcom Inc	1.78	17.38	—	Technology
⊕ Meta Platforms Inc Class A	1.65	19.03	—	Communication Svc
⊕ NVIDIA Corp	1.51	20.53	171.24	Technology
⊖ Novo Nordisk AS Class B	1.35	21.89	—	Healthcare
⊖ Max Healthcare Institute Ltd Ordinary Shares	1.27	23.15	—	Healthcare

Total Holdings 593

⊕ 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 24.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 41.18% lower than the Intermediate Core Bond category average.

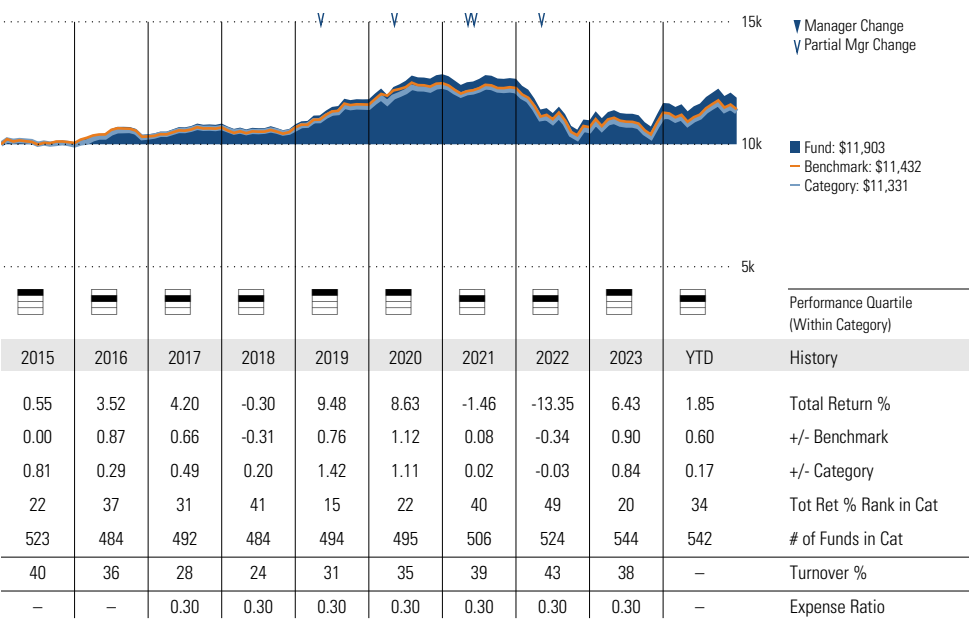
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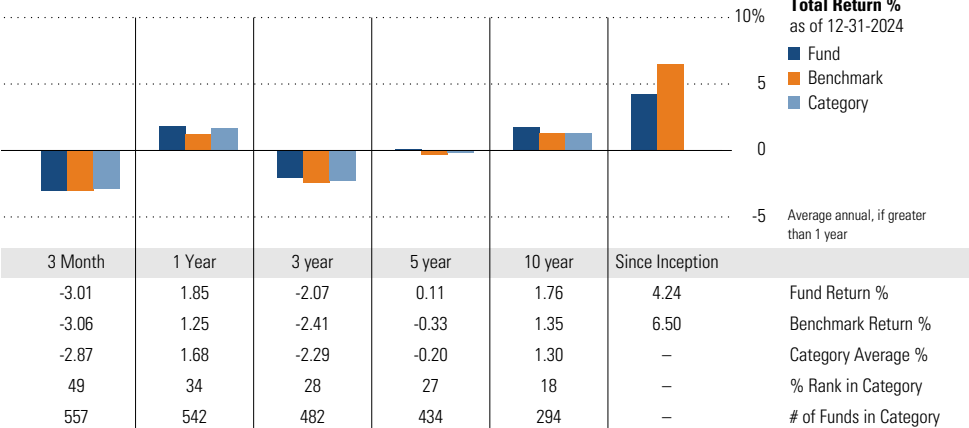
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
ESG Commitment	1-Low	02-15-2022

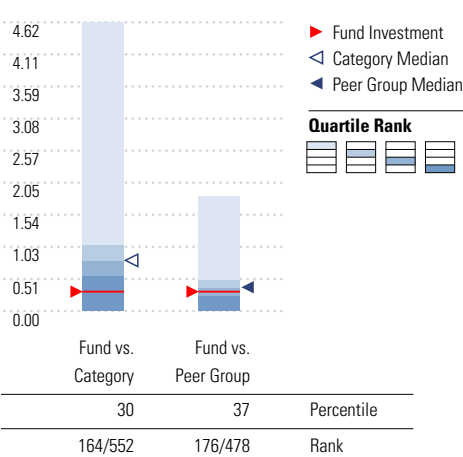
Growth of \$10,000



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	0.39	—	-0.01
Beta	1.01	—	0.98
R-Squared	99.67	—	98.24
Standard Deviation	7.95	7.83	7.75
Sharpe Ratio	-0.77	-0.82	-0.83
Tracking Error	0.47	—	0.96
Information Ratio	0.73	—	-0.14
Up Capture Ratio	102.21	—	97.64
Down Capture Ratio	99.02	—	97.81

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.08	4.43	5.86
Avg Eff Maturity	8.14	—	8.60

Baird Aggregate Bond Inst BAGIX

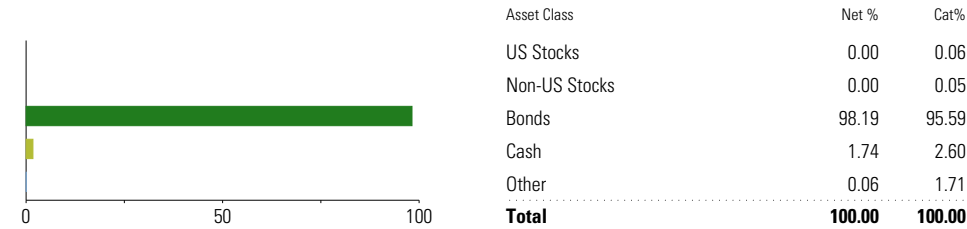
Morningstar Category Intermediate Core Bond  
Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

Style Breakdown

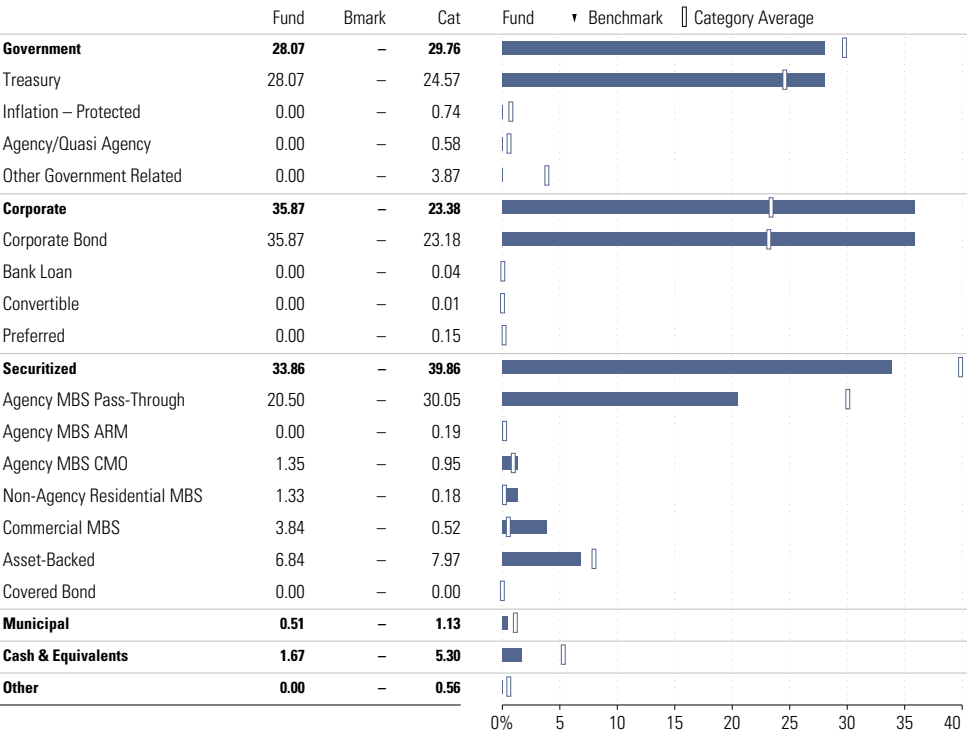


Asset Allocation as of 12-31-2024



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	12.20	3.53	19.99
AA	53.90	74.59	46.54
A	12.90	10.82	20.32
BBB	20.80	8.32	11.86
BB	0.20	0.28	0.56
B	0.00	0.00	0.28
Below B	0.00	0.00	0.10
Not Rated	0.00	2.46	0.36

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 1.13%	10-2026	2.84	2.84	—
United States Treasury Bonds 3.88%	05-2043	1.68	4.52	—
United States Treasury Bonds 2.88%	05-2043	1.57	6.09	—
⊕ United States Treasury Bonds 2.38%	02-2042	1.53	7.62	—
United States Treasury Bonds 2.5%	02-2045	1.53	9.15	—
⊖ First American Government Obligs U	02-2030	1.41	10.55	—
United States Treasury Bonds 3.38%	08-2042	1.36	11.92	—
United States Treasury Bonds 2.88%	05-2052	1.32	13.24	—
⊖ United States Treasury Notes 3.88%	11-2027	1.29	14.53	—
⊕ United States Treasury Notes 4.13%	08-2030	1.26	15.80	—

Total Holdings 1879

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Brown Advisory Sustainable Growth I BAFWX

Morningstar Category  
Large Growth

Morningstar Index  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

David Powell since 06-2012  
Karina Funk since 06-2012

## Quantitative Screens

- Performance:** The fund has finished in the Large Growth 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 12.52 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 0.61 is 33.7% lower than the Large Growth category average.

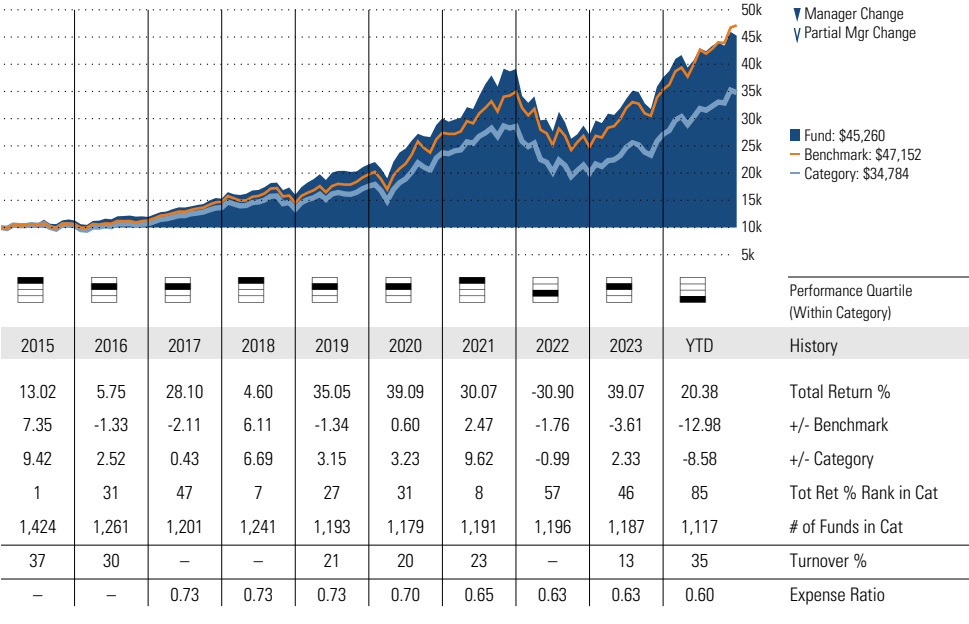
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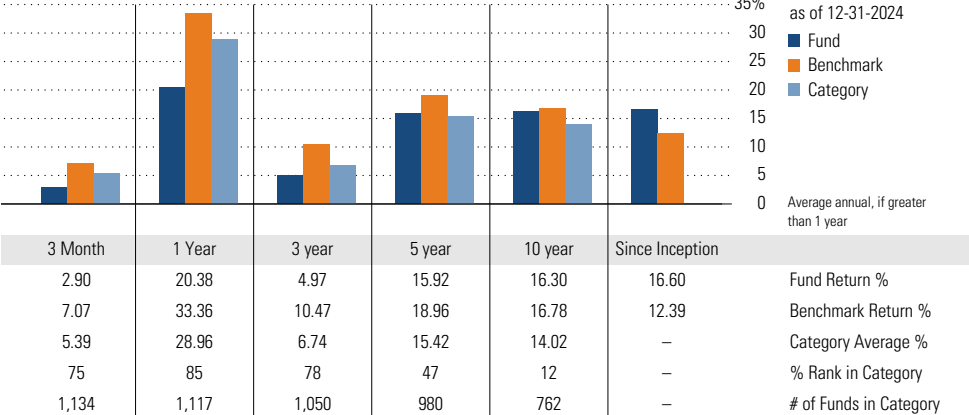
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	3-Advanced	02-15-2022

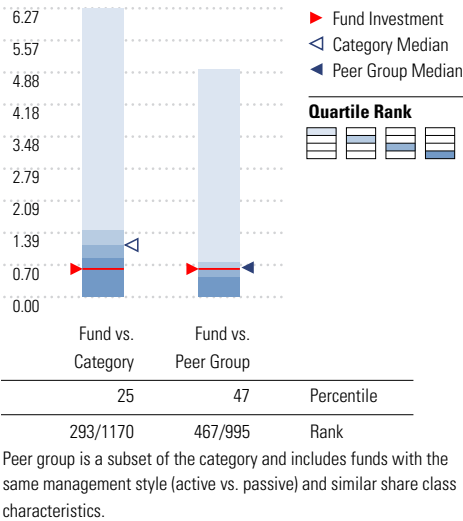
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-5.24	—	-3.44
Beta	1.03	—	1.01
R-Squared	94.70	—	93.27
Standard Deviation	21.81	20.62	21.65
Sharpe Ratio	0.14	0.39	0.22
Tracking Error	5.06	—	5.64
Information Ratio	-1.09	—	-0.72
Up Capture Ratio	91.13	—	94.60
Down Capture Ratio	108.03	—	106.64

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	40.34	37.05	35.56
Price/Book Ratio	8.88	12.32	9.42
Geom Avg Mkt Cap \$B	229.07	747.44	586.06
ROE	29.13	43.76	40.58

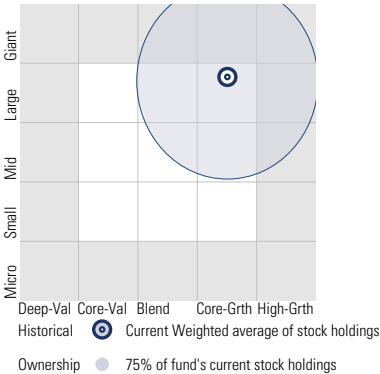
Brown Advisory Sustainable Growth I BAFWX

Morningstar Category  
Large Growth

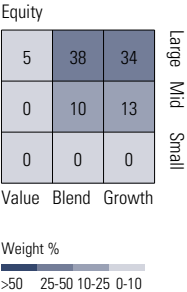
Morningstar Index  
Russell 1000 Growth TR USD

Style Analysis as of 12-31-2024

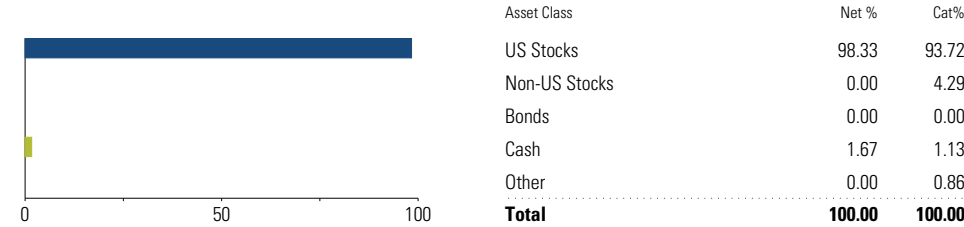
Morningstar Style Box™



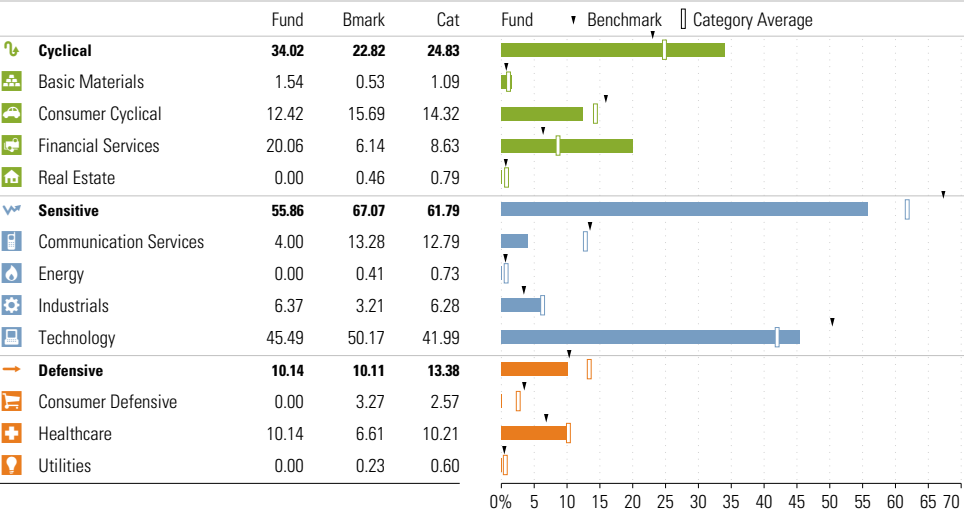
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ NVIDIA Corp	8.09	8.09	171.24	Technology
⊖ Amazon.com Inc	7.90	15.99	44.39	Consumer Cyclical
⊖ Microsoft Corp	6.74	22.72	12.91	Technology
⊕ KKR & Co Inc Ordinary Shares	4.57	27.29	—	Financial Services
⊖ Marvell Technology Inc	4.36	31.65	83.54	Technology
⊖ ServiceNow Inc	4.34	35.99	—	Technology
⊖ Intuit Inc	4.30	40.29	1.15	Technology
⊖ Visa Inc Class A	4.17	44.46	—	Financial Services
⊖ Alphabet Inc Class A	3.93	48.39	35.94	Communication Svc
⊖ Progressive Corp	3.52	51.91	51.16	Financial Services
⊕ Arthur J. Gallagher & Co	3.07	54.97	27.29	Financial Services
⊖ Danaher Corp	2.71	57.69	-0.31	Healthcare
⊖ Cadence Design Systems Inc	2.69	60.38	10.31	Technology
⊖ West Pharmaceutical Services Inc	2.56	62.94	-6.74	Healthcare
⊕ Ares Management Corp Ordinary Shares - Class A	2.50	65.44	—	Financial Services

Total Holdings 36

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Causeway International Value Instl CIVIX

Morningstar Category  
Foreign Large Value

Morningstar Index  
MSCI EAFE NR USD

Portfolio Manager(s)

Harry Hartford since 10-2001  
Sarah Ketterer since 10-2001  
Jonathan Eng since 01-2006  
Conor Muldoon since 12-2010  
Alessandro Valentini since 12-2013  
Ellen Lee since 01-2015  
Steven Nguyen since 01-2019  
Brian Cho since 01-2021

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 23.2 years.
- Style:** The fund has landed in its primary style box — Large Value — 20 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.88 is 9.28% lower than the Foreign Large Value category average.

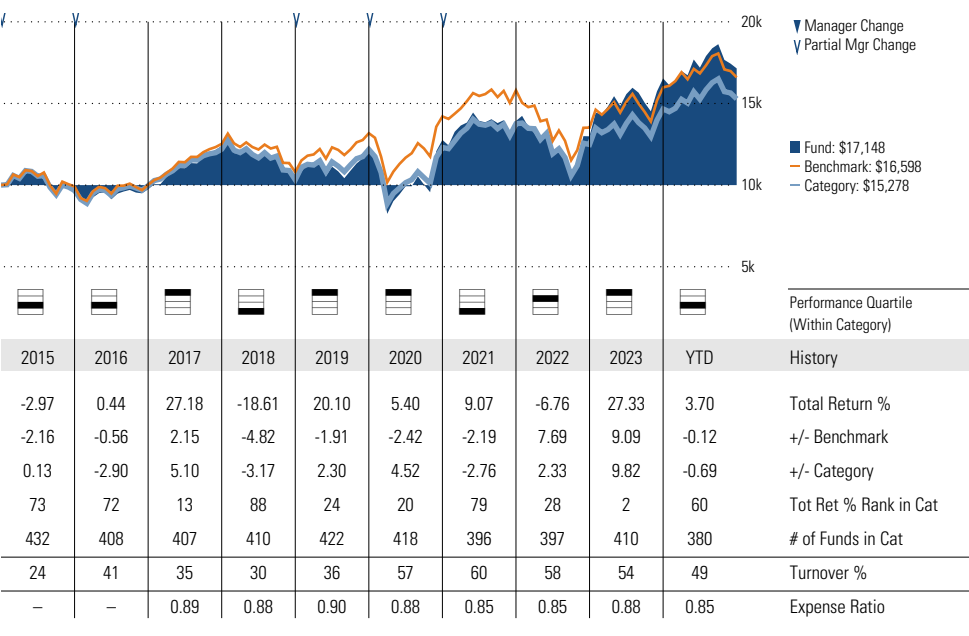
Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen due to slight drift between the value and blend portions of the style box. However, the underlying investment process remains consistent, so we are not concerned with this screen failure.

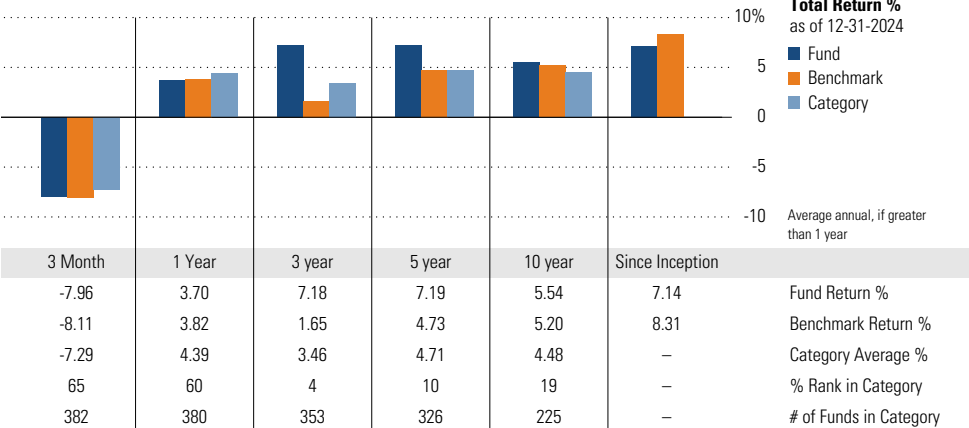
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022

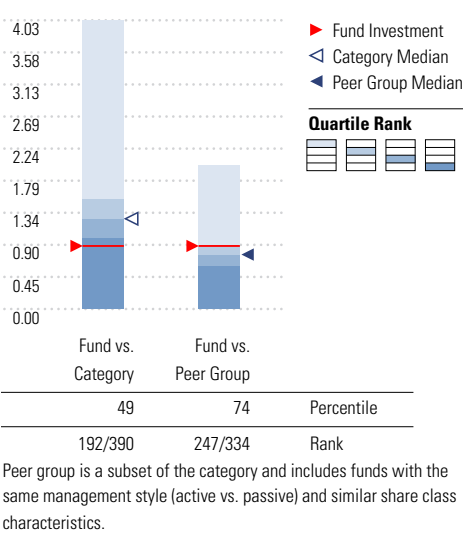
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	5.53	-	2.01
Beta	1.01	-	0.94
R-Squared	85.36	-	87.82
Standard Deviation	18.37	16.85	16.99
Sharpe Ratio	0.24	-0.07	0.04
Tracking Error	7.03	-	6.04
Information Ratio	0.79	-	0.31
Up Capture Ratio	109.71	-	96.91
Down Capture Ratio	87.22	-	89.00

Portfolio Metrics

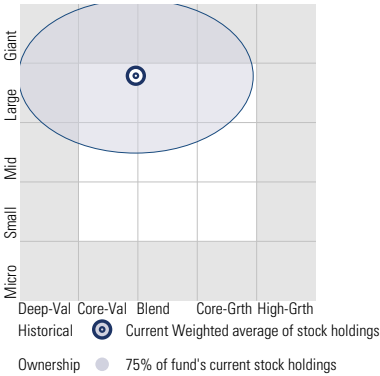
	Fund	Bmark	Cat
Price/Earnings Ratio	16.18	16.25	12.29
Price/Book Ratio	1.32	1.80	1.26
Geom Avg Mkt Cap \$B	40.96	51.93	36.16
ROE	10.67	17.02	13.18

Causeway International Value Instl CIVIX

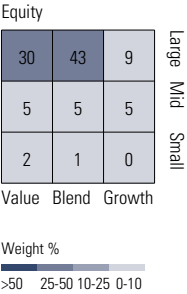
Morningstar Category Foreign Large Value  
Morningstar Index MSCI EAFE NR USD

Style Analysis as of 12-31-2024

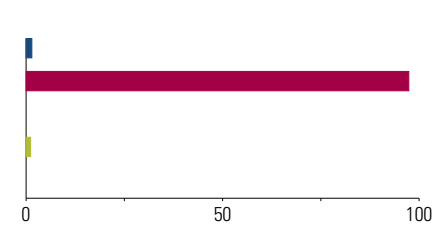
Morningstar Style Box™



Style Breakdown

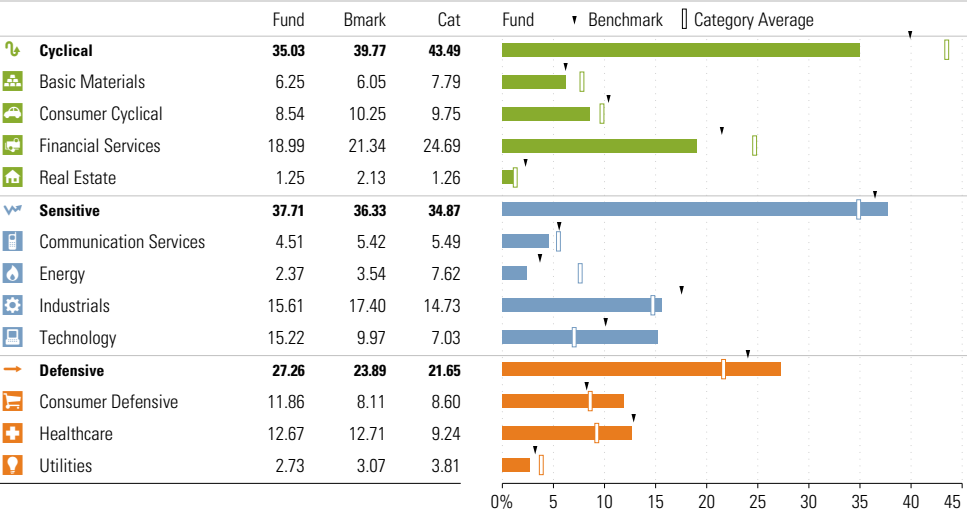


Asset Allocation as of 12-31-2024

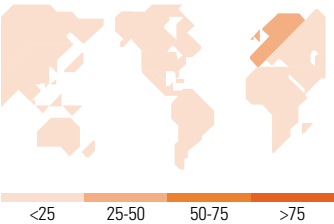


Asset Class	Net %	Cat%
US Stocks	1.46	3.28
Non-US Stocks	97.38	94.51
Bonds	0.00	0.12
Cash	1.16	1.85
Other	0.00	0.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



	Fund %	Cat %		Fund %	Cat %		Fund %	Cat %		Fund %
Greater Asia	17.43	30.73	Americas	5.19	9.11	Greater Europe	77.38	60.17	Market Maturity	Fund %
Japan	10.53	17.97	North America	4.90	8.01	United Kingdom	31.81	17.35	Developed Markets	98.22
Australasia	0.00	3.15	Central/Latin	0.29	1.10	W euro-ex UK	44.67	41.94	Emerging Markets	1.78
Asia-4 Tigers	5.41	6.61				Emrgng Europe	0.00	0.15	Not Available	0.00
Asia-ex 4 Tigers	1.49	3.00				Africa	0.90	0.73		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alstom SA	4.25	4.25	—	Industrials
Barclays PLC	3.94	8.18	—	Financial Services
Kering SA	3.75	11.94	—	Consumer Cyclical
Rolls-Royce Holdings PLC	3.63	15.57	—	Industrials
Reckitt Benckiser Group PLC	3.34	18.91	—	Consumer Defensive
Samsung Electronics Co Ltd	3.18	22.09	—	Technology
Canadian Pacific Ltd	2.88	24.97	—	—
AstraZeneca PLC	2.80	27.77	—	Healthcare
Renesas Electronics Corp	2.70	30.47	—	Technology
Akzo Nobel NV	2.57	33.04	—	Basic Materials

Total Holdings 73

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# DWS Enhanced Commodity Strategy R6 SKRRX

Morningstar Category  
Commodities Broad Basket

Morningstar Index  
Bloomberg Commodity TR USD

Portfolio Manager(s)

Darwei Kung since 04-2010  
Jeff Morton since 07-2022  
Avraham Feinberg since 05-2023

Quantitative Screens

- ✗ **Performance:** The fund has finished in the Commodities Broad Basket category's top three quartiles in 5 of the 8 years it's been in existence.
- ✓ **Management:** The fund's management has been in place for 14.76 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 0.89 is 11.88% lower than the Commodities Broad Basket category average.

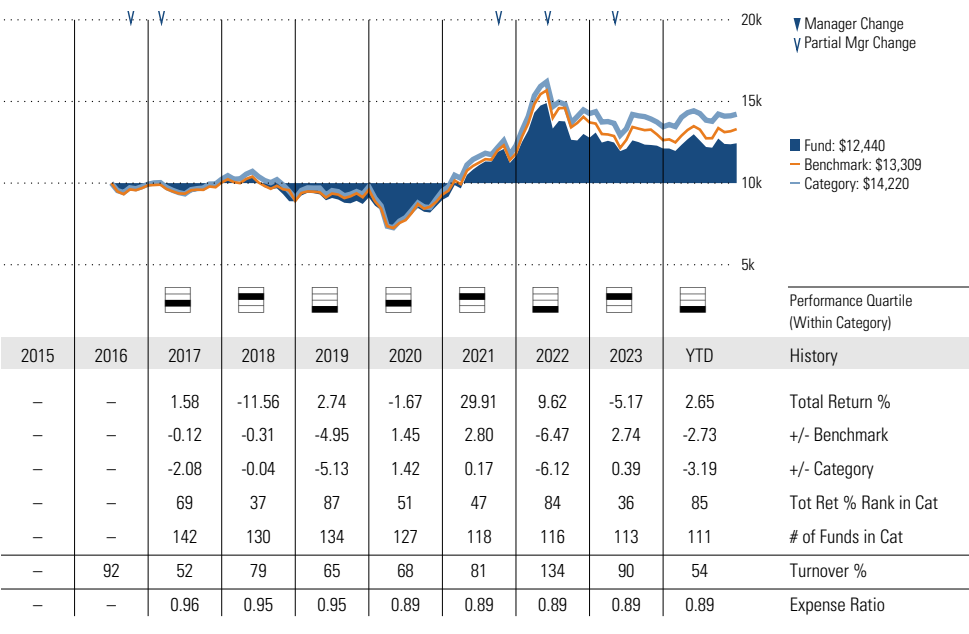
Morningstar Investment Management LLC Analysis

This fund fails the performance consistency screen. However, performance results are consistent with the fund's low-risk strategy.

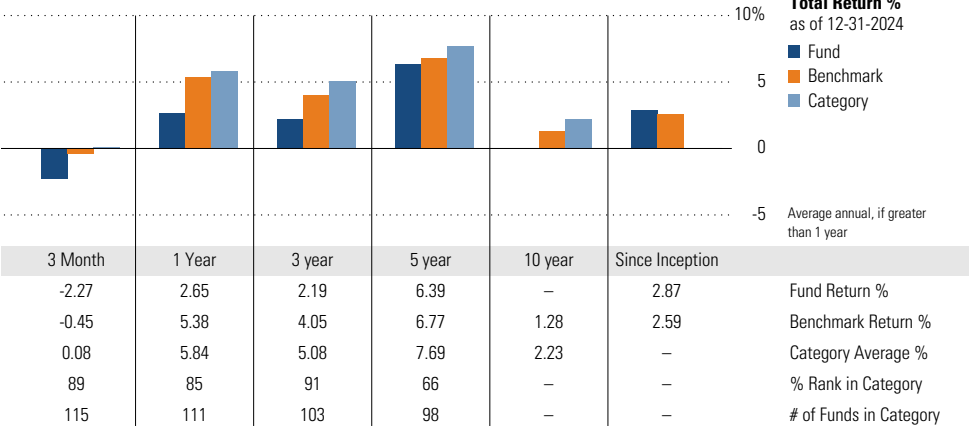
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

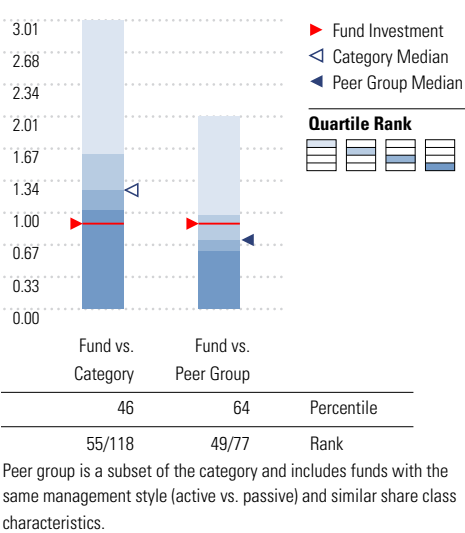
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.37	—	0.68
Beta	0.88	—	0.94
R-Squared	93.13	—	87.54
Standard Deviation	13.19	14.53	14.58
Sharpe Ratio	-0.09	0.06	0.08
Tracking Error	3.90	—	4.77
Information Ratio	-0.48	—	-0.10
Up Capture Ratio	78.06	—	90.10
Down Capture Ratio	84.24	—	85.87

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	—	—	10.23
Price/Book Ratio	—	—	1.35
Geom Avg Mkt Cap \$B	0.87	—	12.10
ROE	—	—	13.80

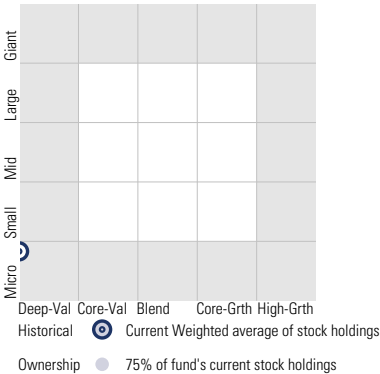
# DWS Enhanced Commodity Strategy R6 SKRRX

Morningstar Category  
Commodities Broad Basket

Morningstar Index  
Bloomberg Commodity TR USD

## Style Analysis as of 12-31-2024

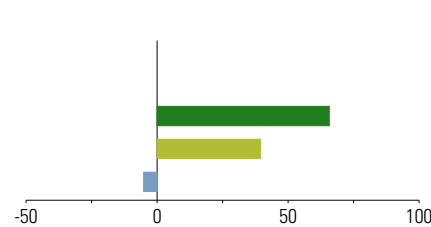
Morningstar Style Box™



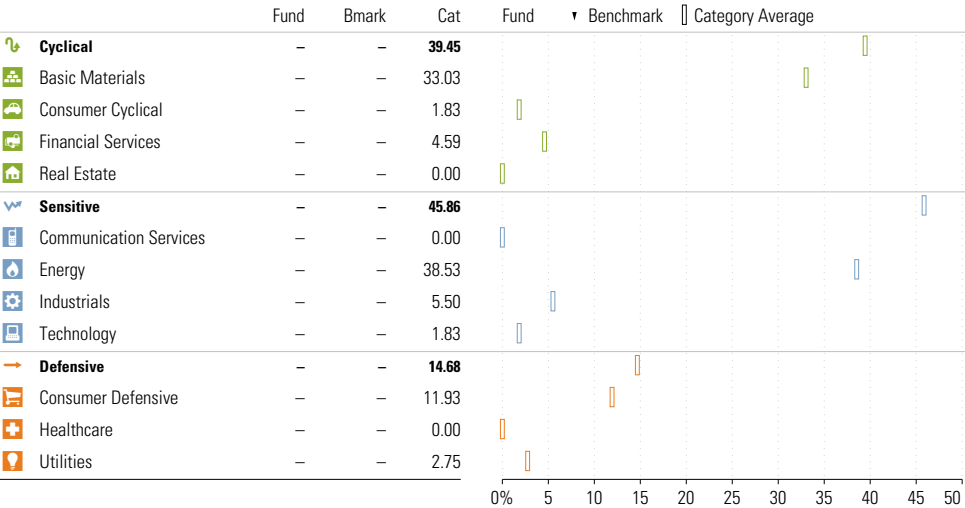
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Dws Central Cash Management Government Fund	28.38	28.38	-	-
United States Treasury Notes 4.6143%	4.57	32.95	-	-
United States Treasury Notes 4.7093%	4.45	37.40	-	-
Lme Nickel Futures	4.30	41.70	-	-
United States Treasury Notes 4.6463%	4.21	45.91	-	-
United States Treasury Notes 4.6643%	4.21	50.12	-	-
United States Treasury Bills 5.3339%	3.00	53.12	-	-
United States Treasury Notes 0.5%	2.97	56.08	-	-
⊕ United States Treasury Bills 4.4518%	2.13	58.21	-	-
United States Treasury Bills 4.6331%	1.44	59.65	-	-
VENTURE XXX CLO LTD 6.2675%	1.20	60.85	-	-
Lme Nickel Futures	0.81	61.67	-	-
Essent Group Ltd. 6.25%	0.74	62.41	-	-
Macquarie Group Ltd. 5.6715%	0.72	63.13	-	-
Morgan Stanley 5.1566%	0.72	63.85	-	-

Total Holdings 294

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Hartford Schroders International Stk SDR    SCIJX

Morningstar Category  
Foreign Large Blend

Morningstar Index  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Simon Webber since 03-2010  
James Gautrey since 12-2014

## Quantitative Screens

- ✔ **Performance:** The fund has finished in the Foreign Large Blend 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 14.85 years.
- ✗ **Style:** The fund has landed in its primary style box — Large Blend — 28.13 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.69 is 15.85% lower than the Foreign Large Blend category average.

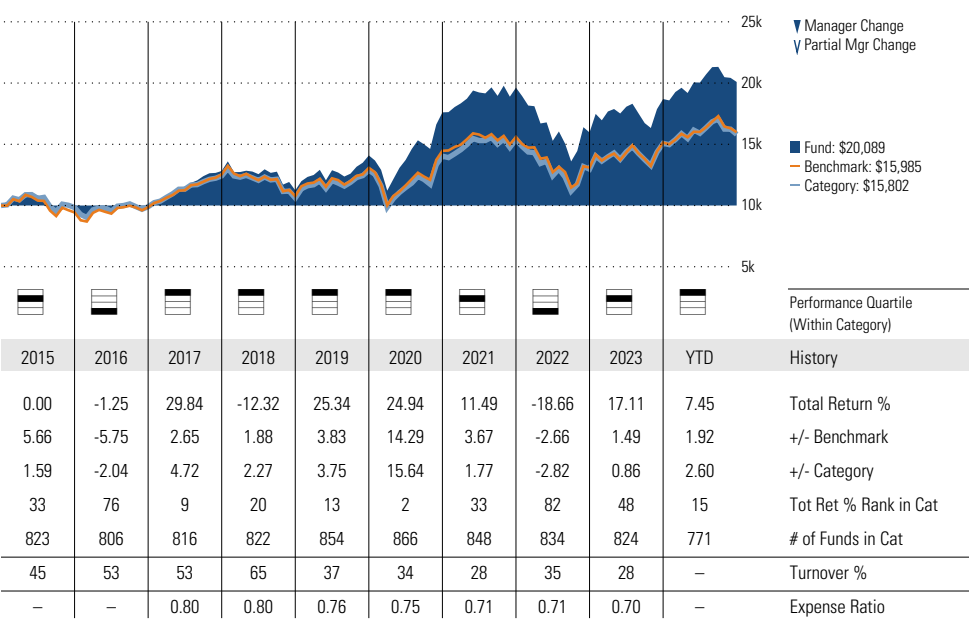
## Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen due to slight drift between the blend and growth portions of the style box. However, the underlying investment process remains consistent, so we are not concerned with this screen failure.

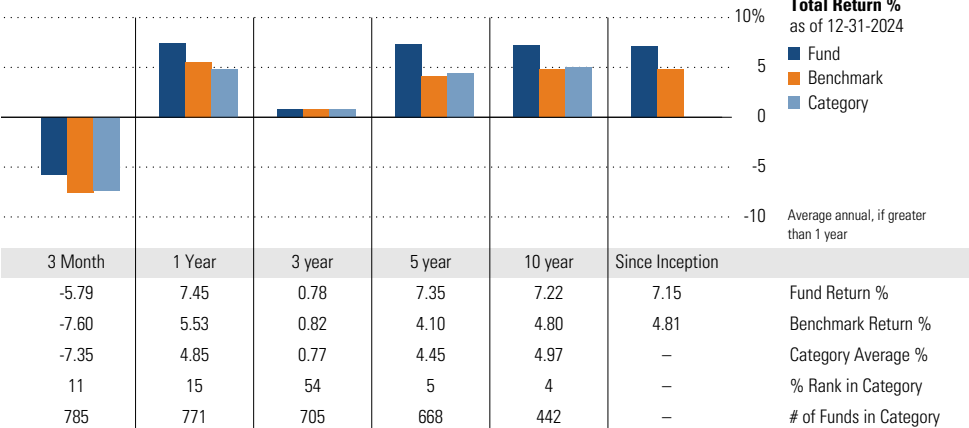
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022

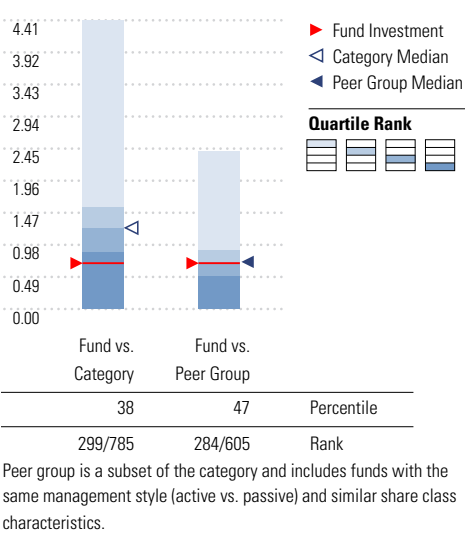
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.09	—	-0.18
Beta	1.05	—	1.02
R-Squared	92.33	—	92.81
Standard Deviation	17.78	16.25	17.28
Sharpe Ratio	-0.11	-0.13	-0.13
Tracking Error	5.00	—	4.64
Information Ratio	-0.01	—	-0.05
Up Capture Ratio	105.62	—	105.80
Down Capture Ratio	105.80	—	107.10

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.92	15.67	15.97
Price/Book Ratio	2.76	1.81	1.85
Geom Avg Mkt Cap \$B	82.84	50.11	58.43
ROE	20.72	16.85	17.76

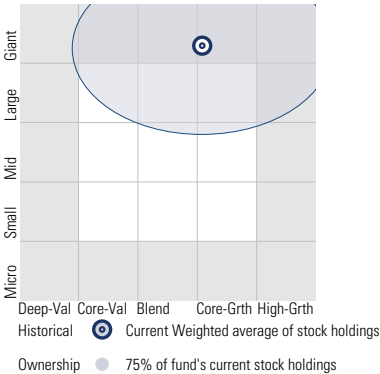
Hartford Schroders International Stk SDR    SCIJX

Morningstar Category  
Foreign Large Blend

Morningstar Index  
MSCI ACWI Ex USA NR USD

Style Analysis as of 12-31-2024

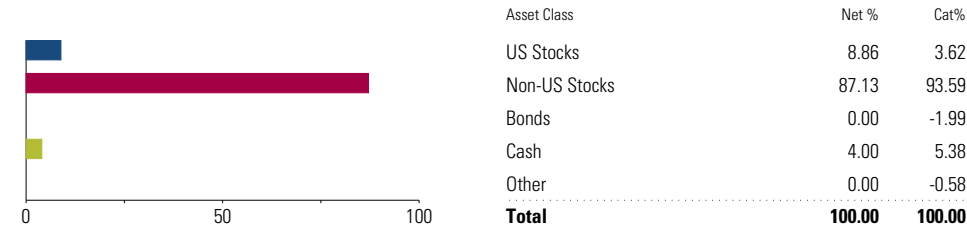
Morningstar Style Box™



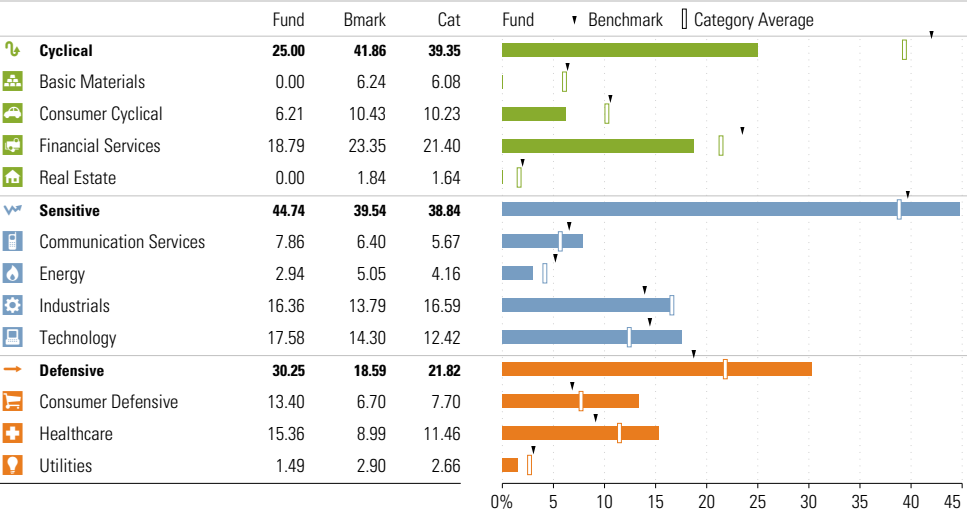
Style Breakdown



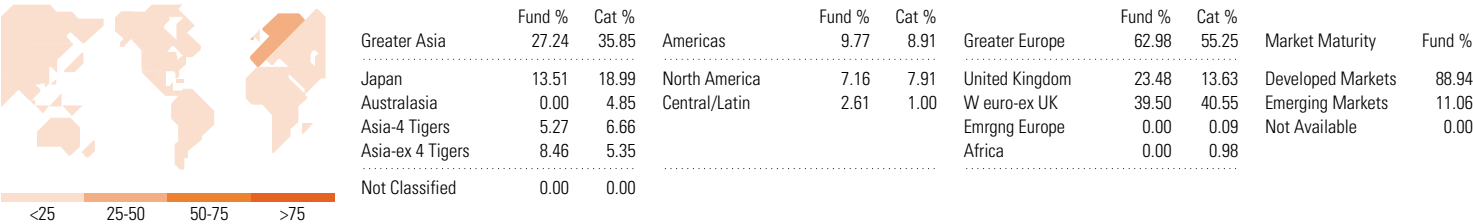
Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SAP SE	4.96	4.96	—	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	4.95	9.91	—	Technology
⊕ Usd	4.00	13.91	—	—
⊕ Unilever PLC	3.01	16.92	—	Consumer Defensive
⊕ RELX PLC	2.77	19.69	—	Industrials
⊕ Shell PLC	2.76	22.45	—	Energy
⊕ ASML Holding NV	2.74	25.19	—	Technology
⊕ Roche Holding AG	2.61	27.79	—	Healthcare
⊕ Mitsubishi UFJ Financial Group Inc	2.52	30.31	—	Financial Services
Siemens AG	2.39	32.70	—	Industrials

Total Holdings 63

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Lincoln Stable Value Account -LNGPA

Morningstar Category  
Stable Value

Morningstar Index  
USTREAS T-Bill Cnst Mat Rate 3 Yr

## Portfolio Manager(s)

### Quantitative Screens

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

✔ *Management:* The fund's management has been in place for 41.7 years.

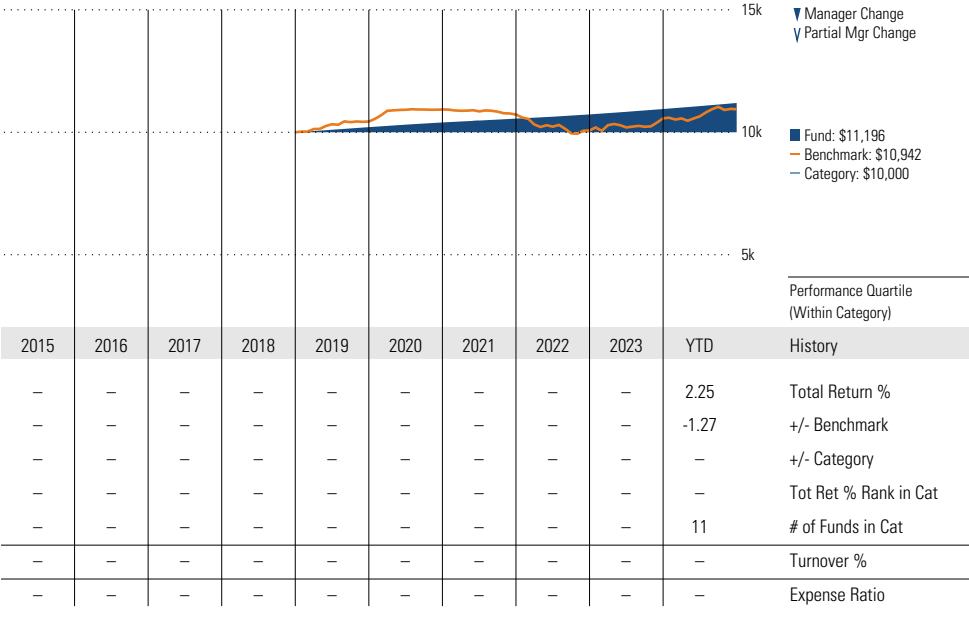
Style Consistency is not calculated for Fixed Income funds.

The Expense screen is not applicable for funds without data.

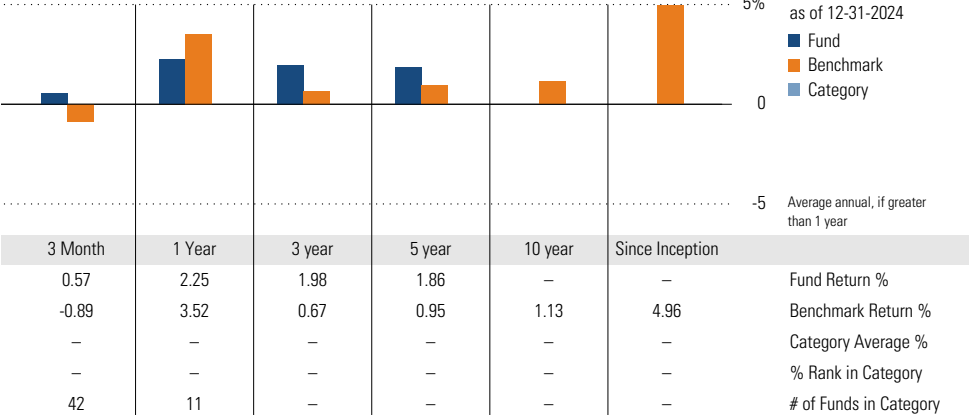
## Morningstar Investment Management LLC Analysis

Morningstar Investment Management has assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

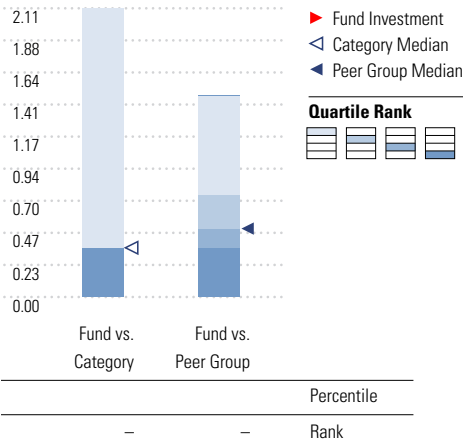
## Growth of \$10,000



## Trailing Performance



## Net Expense



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	1.95	-	2.32
Beta	0.01	-	0.01
R-Squared	18.18	-	11.40
Standard Deviation	0.08	3.71	0.17
Sharpe Ratio	-5.09	-0.98	-4.23
Tracking Error	3.67	-	3.66
Information Ratio	0.35	-	0.46
Up Capture Ratio	20.11	-	24.09
Down Capture Ratio	-16.43	-	-19.34

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	-	-	4.80
Avg Eff Maturity	-	-	9.02



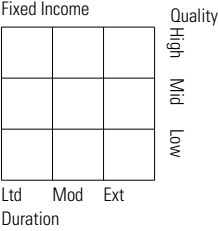
# Lincoln Stable Value Account -LNGPA

Morningstar Category  
Stable Value

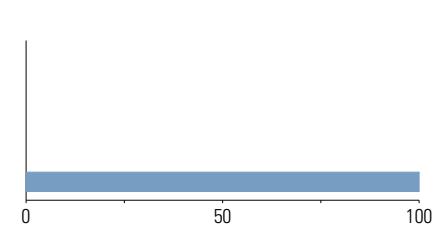
Morningstar Index  
USTREAS T-Bill Cnst Mat Rate 3 Yr

Style Analysis as of 12-31-2024

Style Breakdown



Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	0.00	0.57
Non-US Stocks	0.00	0.00
Bonds	0.00	23.53
Cash	0.00	61.57
Other	100.00	14.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

Sector Weighting as of 12-31-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	—	—	45.20
AA	—	—	11.42
A	—	—	32.80
BBB	—	—	10.52
BB	—	—	0.03
B	—	—	0.00
Below B	—	—	0.02
Not Rated	—	—	0.00

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	—	—	<b>4.22</b>			
Treasury	—	—	2.44			
Inflation — Protected	—	—	1.41			
Agency/Quasi Agency	—	—	0.37			
Other Government Related	—	—	0.00			
<b>Corporate</b>	—	—	<b>6.05</b>			
Corporate Bond	—	—	6.04			
Bank Loan	—	—	0.01			
Convertible	—	—	0.00			
Preferred	—	—	0.00			
<b>Securitized</b>	—	—	<b>7.36</b>			
Agency MBS Pass-Through	—	—	3.71			
Agency MBS ARM	—	—	0.04			
Agency MBS CMO	—	—	0.36			
Non-Agency Residential MBS	—	—	0.45			
Commercial MBS	—	—	0.57			
Asset-Backed	—	—	2.23			
Covered Bond	—	—	0.00			
<b>Municipal</b>	—	—	<b>0.00</b>			
<b>Cash &amp; Equivalents</b>	—	—	<b>82.35</b>			
<b>Other</b>	—	—	<b>0.00</b>			

Top 0 Holdings as of 12-31-2024

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

⊕ Increase ⊖ Decrease ✱ New to Portfolio



Nuveen Core Impact Bond R6 TSBIX

Morningstar Category  
Intermediate Core Bond

Morningstar Index  
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

Stephen Liberatore since 09-2012  
Jessica Zarzycki since 08-2019

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 12.28 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.36 is 29.41% lower than the Intermediate Core Bond category average.

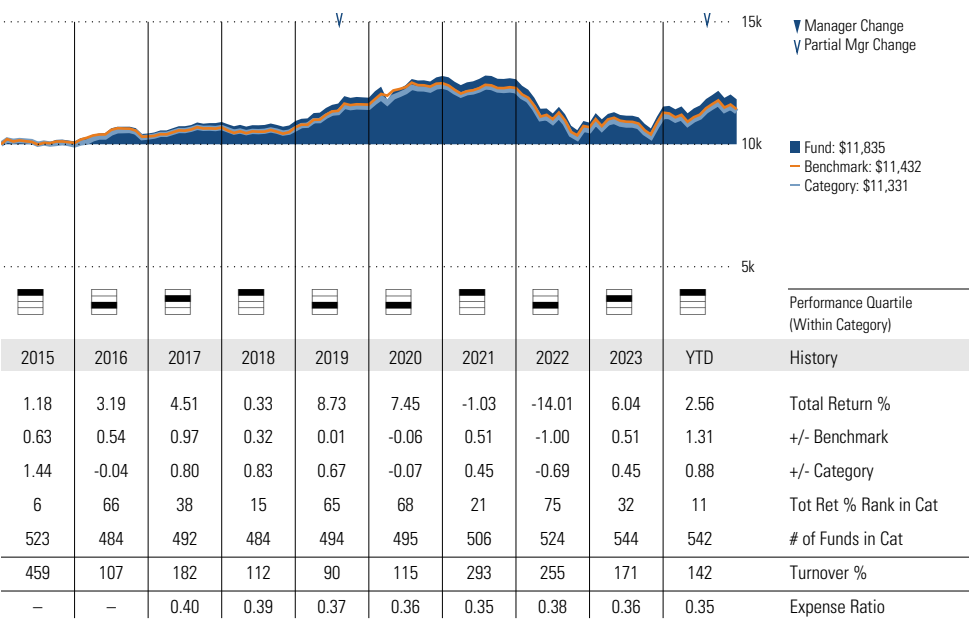
Morningstar Investment Management LLC Analysis

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.

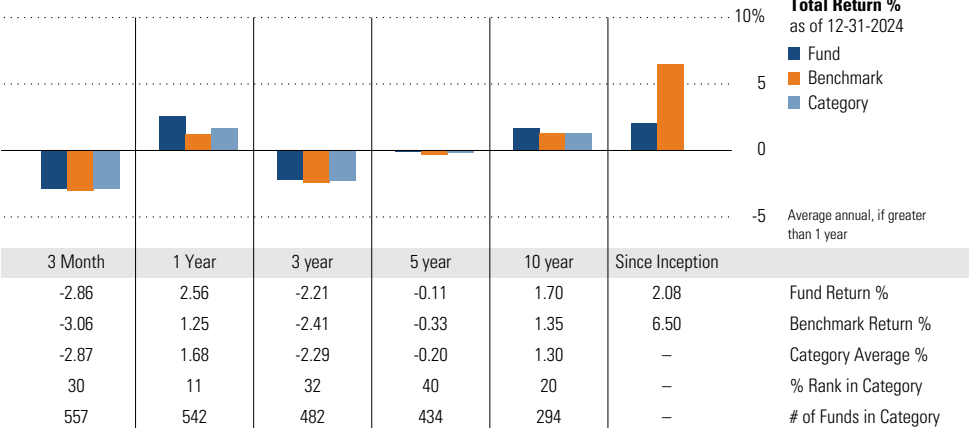
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	4-Leader	02-15-2022

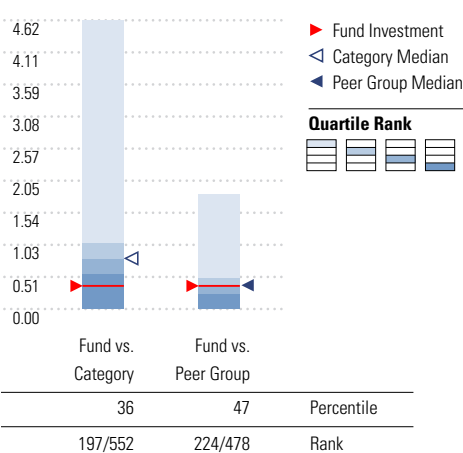
Growth of \$10,000



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	0.15	-	-0.01
Beta	0.98	-	0.98
R-Squared	99.01	-	98.24
Standard Deviation	7.71	7.83	7.75
Sharpe Ratio	-0.81	-0.82	-0.83
Tracking Error	0.78	-	0.96
Information Ratio	0.25	-	-0.14
Up Capture Ratio	98.26	-	97.64
Down Capture Ratio	97.06	-	97.81

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.06	4.43	5.86
Avg Eff Maturity	9.07	-	8.60

Nuveen Core Impact Bond R6 TSBIX

Morningstar Category  
Intermediate Core Bond

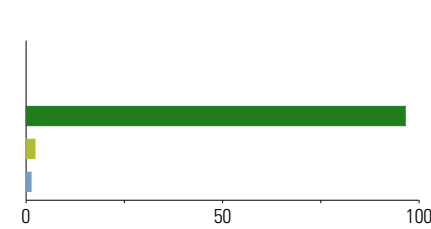
Morningstar Index  
Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

Style Breakdown



Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	0.00	0.06
Non-US Stocks	0.00	0.05
Bonds	96.47	95.59
Cash	2.26	2.60
Other	1.26	1.71
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	11.88	3.53	19.99
AA	54.57	74.59	46.54
A	12.41	10.82	20.32
BBB	12.67	8.32	11.86
BB	2.87	0.28	0.56
B	0.68	0.00	0.28
Below B	0.10	0.00	0.10
Not Rated	4.82	2.46	0.36

Sector Weighting as of 12-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>25.57</b>	—	<b>29.76</b>			
Treasury	17.79	—	24.57			
Inflation – Protected	0.00	—	0.74			
Agency/Quasi Agency	3.71	—	0.58			
Other Government Related	4.07	—	3.87			
<b>Corporate</b>	<b>27.96</b>	—	<b>23.38</b>			
Corporate Bond	26.30	—	23.18			
Bank Loan	0.62	—	0.04			
Convertible	0.00	—	0.01			
Preferred	1.04	—	0.15			
<b>Securitized</b>	<b>41.10</b>	—	<b>39.86</b>			
Agency MBS Pass-Through	22.16	—	30.05			
Agency MBS ARM	0.00	—	0.19			
Agency MBS CMO	6.54	—	0.95			
Non-Agency Residential MBS	3.12	—	0.18			
Commercial MBS	3.86	—	0.52			
Asset-Backed	5.15	—	7.97			
Covered Bond	0.27	—	0.00			
<b>Municipal</b>	<b>4.34</b>	—	<b>1.13</b>			
<b>Cash &amp; Equivalents</b>	<b>1.03</b>	—	<b>5.30</b>			
<b>Other</b>	<b>0.00</b>	—	<b>0.56</b>			

Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 4.25%	11-2034	2.87	2.87	—
⊕ United States Treasury Bonds 4.25%	08-2054	2.47	5.34	—
⊖ Federal National Mortgage Association 4.5%	09-2052	2.36	7.70	—
⊕ United States Treasury Notes 4.125%	10-2029	2.35	10.04	—
⊕ United States Treasury Bonds 4.625%	11-2044	2.23	12.27	—
⊕ United States Treasury Notes 4.125%	10-2026	2.02	14.29	—
⊕ Federal National Mortgage Association 5.5%	10-2053	1.45	15.74	—
United States Treasury Bonds 2.375%	02-2042	1.26	17.00	—
⊖ Federal National Mortgage Association 4%	09-2052	0.80	17.81	—
⊕ United States Treasury Notes 4.125%	10-2031	0.77	18.57	—

Total Holdings 1027

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO International Bond (USD-Hdg) Instl PFORX

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 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.75 is 7.14% higher than the Global Bond-USD Hedged category average.

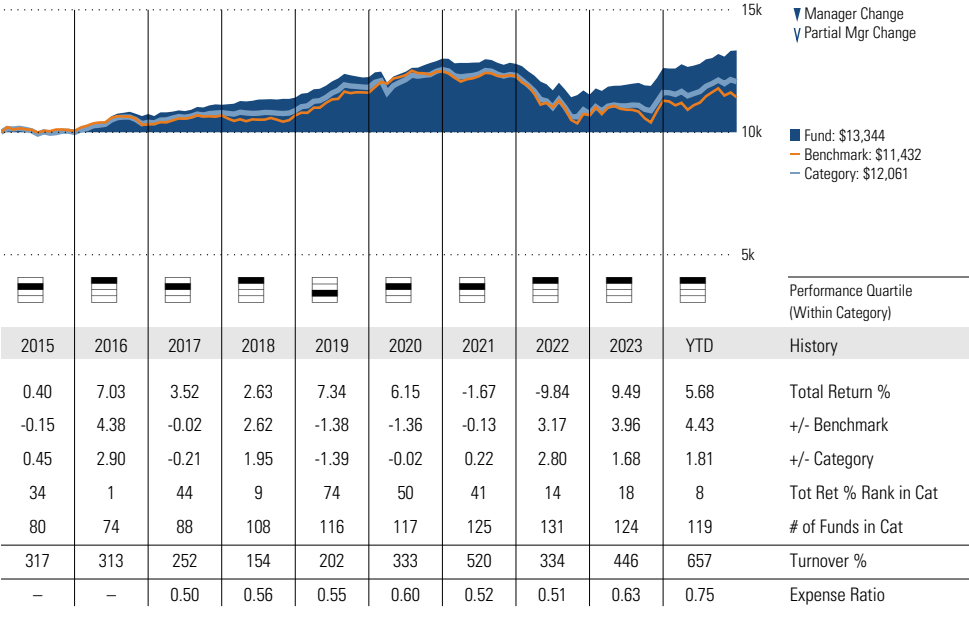
Morningstar Investment Management LLC Analysis

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.

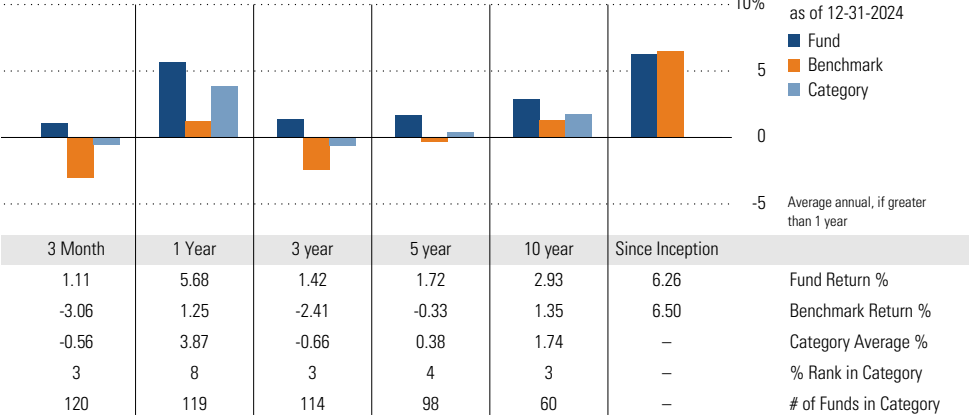
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024

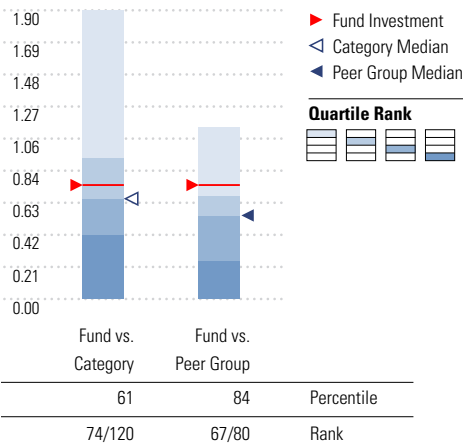
Growth of \$10,000



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	2.77	-	1.10
Beta	0.58	-	0.79
R-Squared	76.44	-	85.39
Standard Deviation	5.15	7.83	6.69
Sharpe Ratio	-0.54	-0.82	-0.75
Tracking Error	4.16	-	3.19
Information Ratio	0.92	-	0.51
Up Capture Ratio	66.78	-	82.07
Down Capture Ratio	43.20	-	72.99

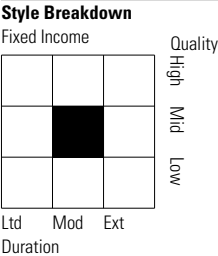
Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.39	4.43	6.41
Avg Eff Maturity	7.06	-	8.65

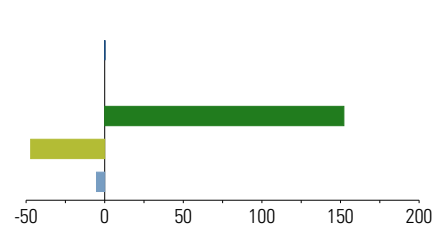
PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category: Global Bond-USD Hedged  
Morningstar Index: Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

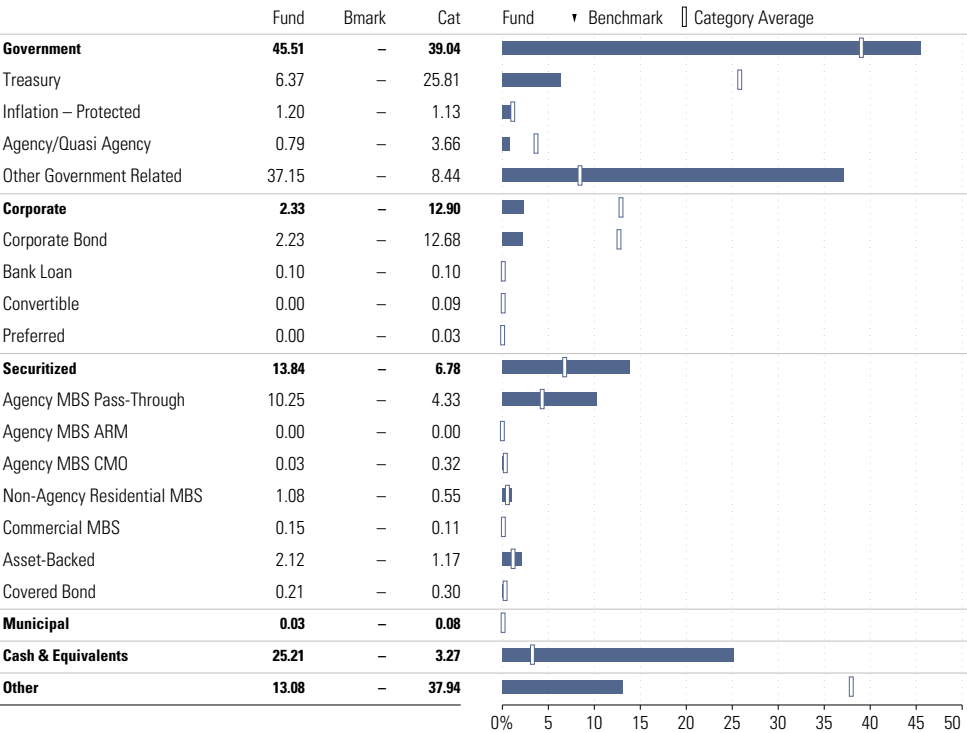


Asset Allocation as of 12-31-2024



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	43.16	3.53	28.31
AA	9.68	74.59	16.63
A	21.40	10.82	24.97
BBB	21.93	8.32	21.42
BB	2.07	0.28	2.29
B	0.27	0.00	0.52
Below B	1.49	0.00	0.29
Not Rated	0.00	2.46	5.58

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Federal National Mortgage Association 6%	11-2054	15.15	15.15	—
⊖ 3 Month SOFR Future Mar 25	06-2025	14.57	29.71	—
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Receive	09-2029	14.19	43.90	—
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Pay	09-2029	13.89	57.78	—
⊕ IRS EUR 2.50000 03/19/25-10Y LCH Receive	03-2035	13.56	71.35	—
⊕ IRS EUR 2.50000 03/19/25-10Y LCH Pay	03-2035	13.36	84.70	—
⊕ IRS EUR 2.50000 03/19/25-5Y LCH Receive	03-2030	13.03	97.73	—
⊕ IRS EUR 2.50000 03/19/25-5Y LCH Pay	03-2030	12.80	110.53	—
✱ Offset: Unsettled Trades	—	12.29	122.83	—
⊕ CDX IG43 5Y ICE	12-2029	10.87	133.70	—

Total Holdings 1602

⊕ 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 7.09 years.
- Style:** The fund has landed in its primary style box — Large Blend — 77.14 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.04 is 94.52% lower than the Large Blend category average.

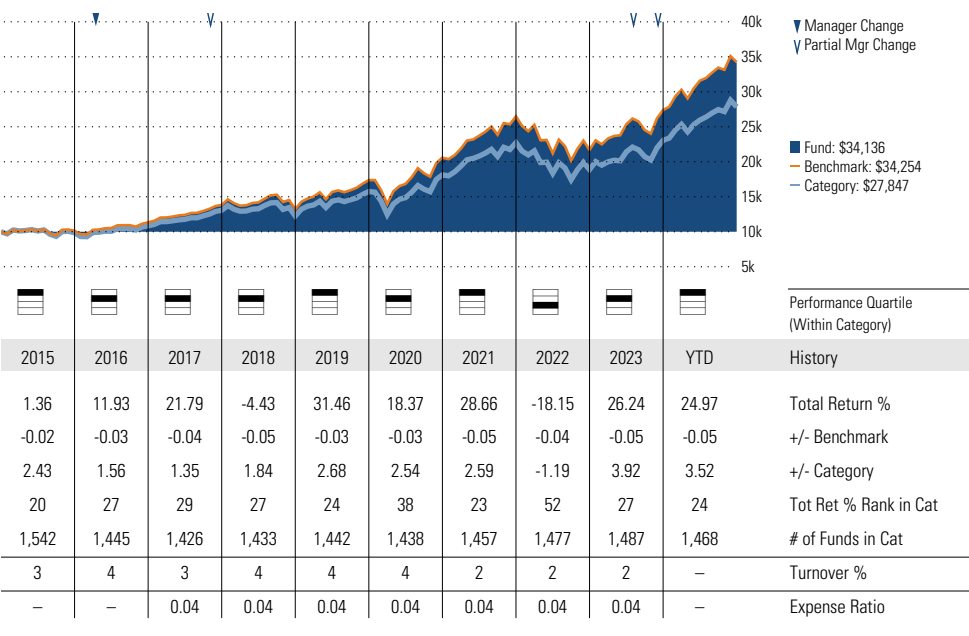
Morningstar Investment Management LLC Analysis

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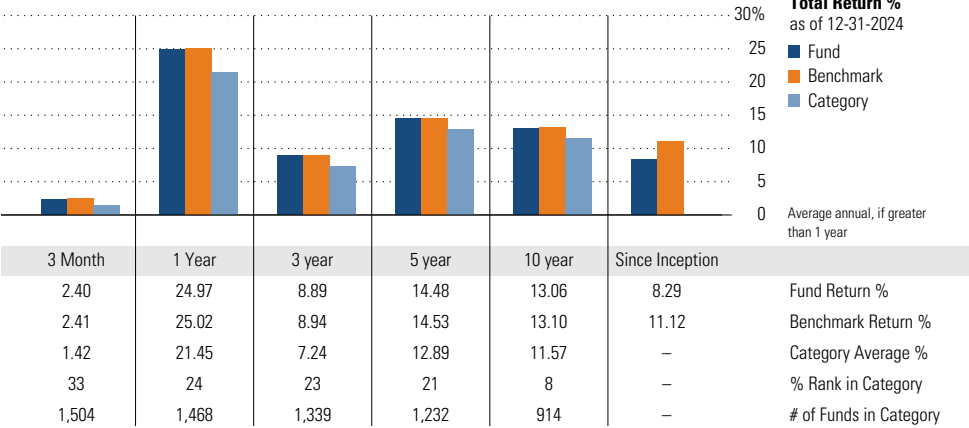
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

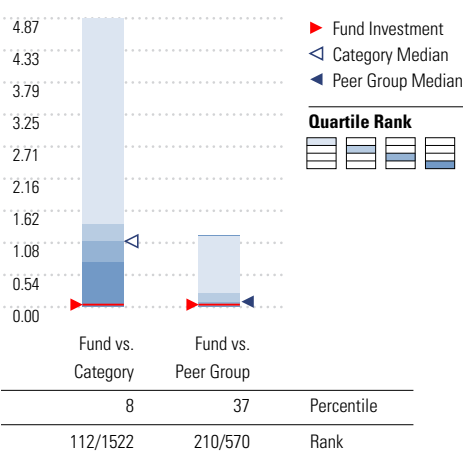
Growth of \$10,000



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	-0.04	—	-1.12
Beta	1.00	—	0.95
R-Squared	100.00	—	94.60
Standard Deviation	17.40	17.40	16.91
Sharpe Ratio	0.34	0.34	0.25
Tracking Error	0.00	—	3.56
Information Ratio	-10.73	—	-1.26
Up Capture Ratio	99.91	—	92.39
Down Capture Ratio	100.07	—	96.94

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	27.14	27.14	27.37
Price/Book Ratio	4.77	4.77	4.95
Geom Avg Mkt Cap \$B	362.38	362.17	383.78
ROE	33.89	33.88	32.35

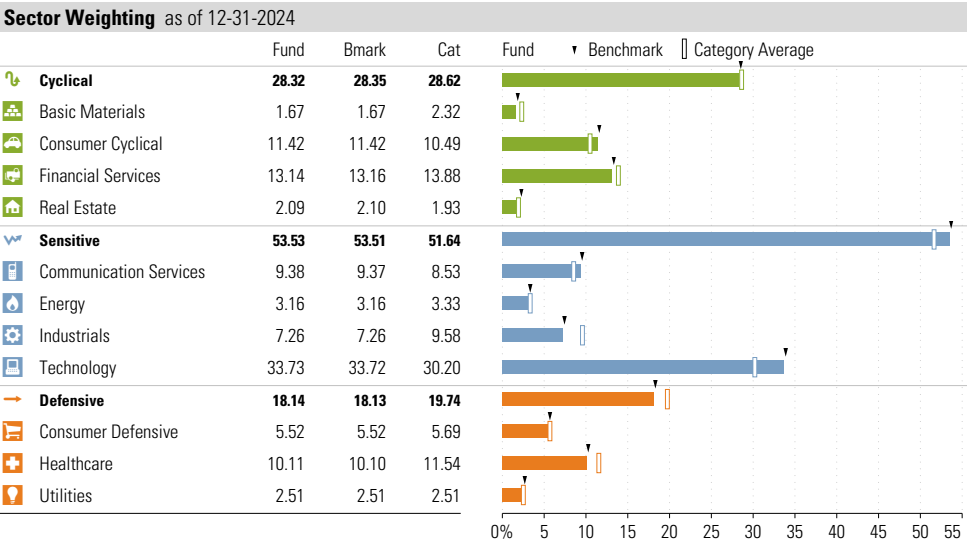
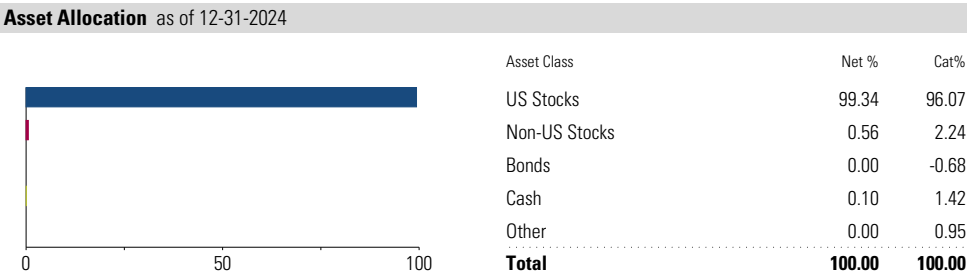
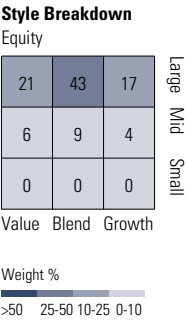
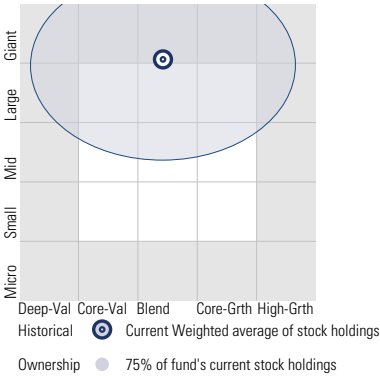
# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



Top 15 Holdings as of 12-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.60	7.60	30.58	Technology
⊕ NVIDIA Corp	6.61	14.21	171.24	Technology
⊕ Microsoft Corp	6.29	20.49	12.91	Technology
⊕ Amazon.com Inc	4.12	24.61	44.39	Consumer Cyclical
⊕ Meta Platforms Inc Class A	2.56	27.17	—	Communication Svc
⊕ Tesla Inc	2.26	29.44	—	Consumer Cyclical
⊕ Alphabet Inc Class A	2.22	31.66	35.94	Communication Svc
⊕ Broadcom Inc	2.17	33.83	—	Technology
⊖ Alphabet Inc Class C	1.82	35.65	35.56	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.67	37.32	27.09	Financial Services
⊖ JPMorgan Chase & Co	1.35	38.67	43.63	Financial Services
⊕ Eli Lilly and Co	1.22	39.89	33.33	Healthcare
⊕ Visa Inc Class A	1.09	40.98	—	Financial Services
⊖ Exxon Mobil Corp	0.95	41.93	11.43	Energy
⊕ UnitedHealth Group Inc	0.93	42.86	-2.36	Healthcare
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 11.86 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 90.24% lower than the Foreign Large Blend category average.

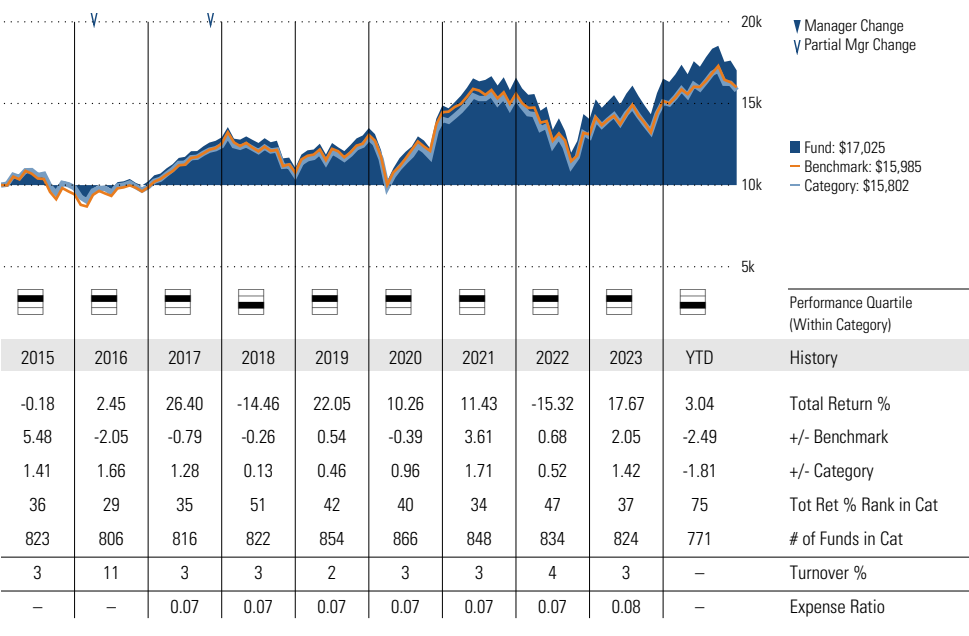
Morningstar Investment Management LLC Analysis

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.

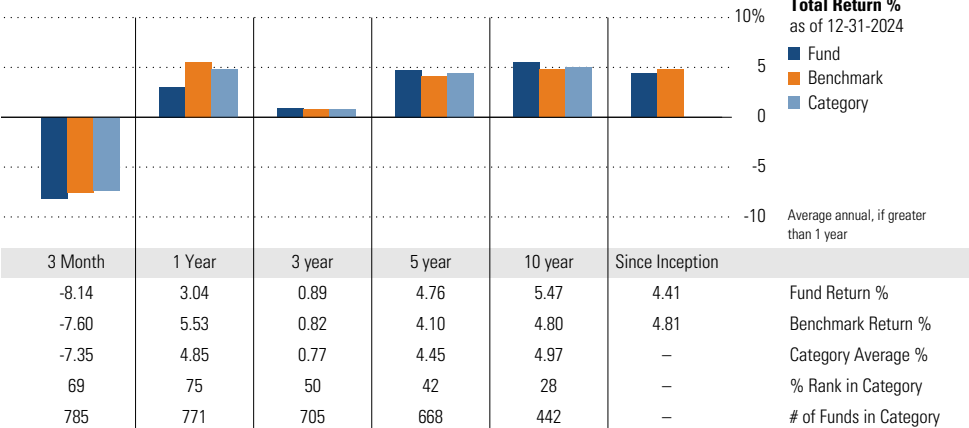
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

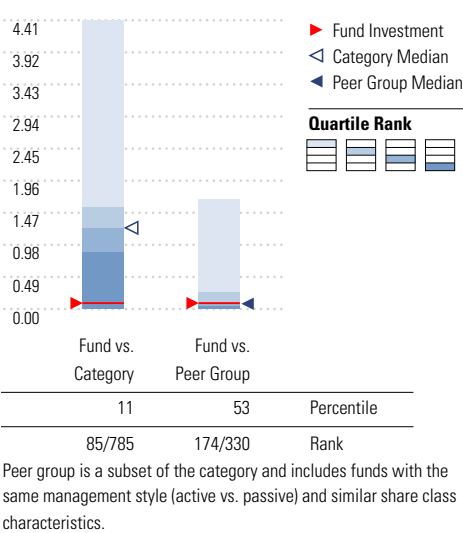
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.17	—	-0.18
Beta	1.09	—	1.02
R-Squared	95.94	—	92.81
Standard Deviation	18.00	16.25	17.28
Sharpe Ratio	-0.10	-0.13	-0.13
Tracking Error	3.88	—	4.64
Information Ratio	0.02	—	-0.05
Up Capture Ratio	114.77	—	105.80
Down Capture Ratio	114.40	—	107.10

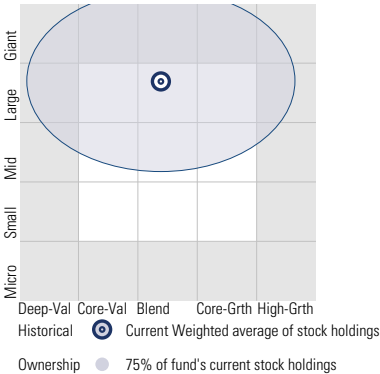
Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.63	15.67	15.97
Price/Book Ratio	1.65	1.81	1.85
Geom Avg Mkt Cap \$B	32.20	50.11	58.43
ROE	15.42	16.85	17.76

Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category Foreign Large Blend  
Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 12-31-2024  
Morningstar Style Box™



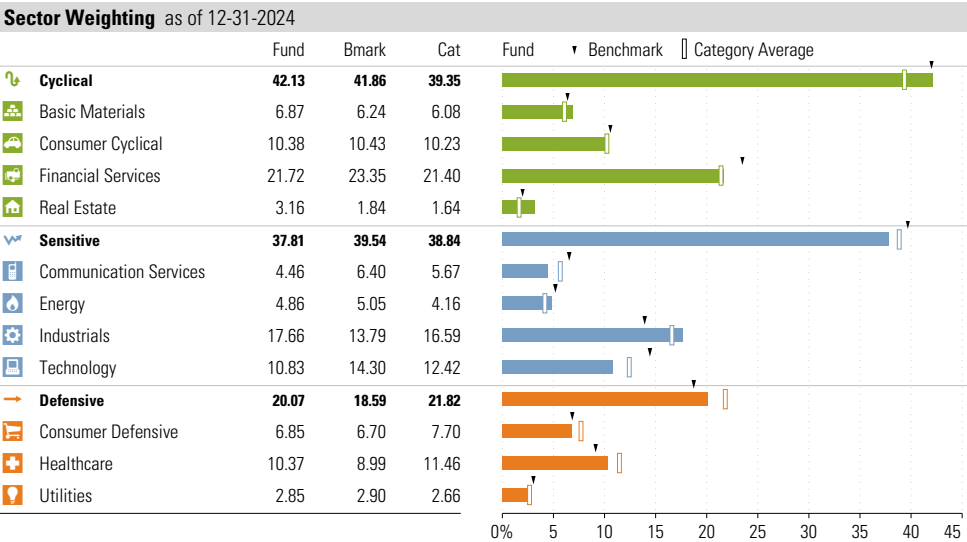
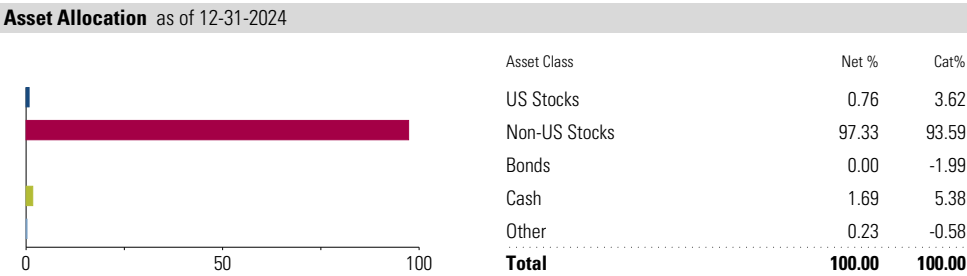
Style Breakdown

Equity

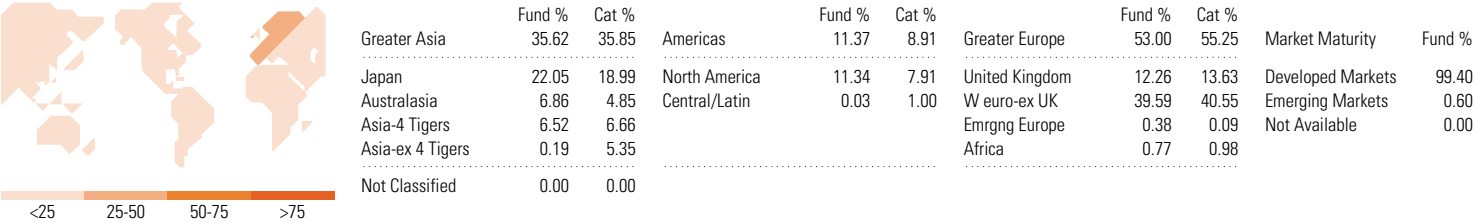
25	30	22	Large
6	8	5	Mid
2	2	1	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



World Regions % Equity 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slibbh1142	1.25	1.25	—	—
⊕ ASML Holding NV	1.24	2.49	—	Technology
⊕ SAP SE	1.21	3.70	—	Technology
⊕ Novo Nordisk AS Class B	1.19	4.89	—	Healthcare
⊖ Toyota Motor Corp	1.01	5.90	—	Consumer Cyclical
⊕ Nestle SA	0.95	6.85	—	Consumer Defensive
⊕ AstraZeneca PLC	0.88	7.73	—	Healthcare
⊖ Novartis AG Registered Shares	0.87	8.60	—	Healthcare
⊕ Roche Holding AG	0.87	9.46	—	Healthcare
⊖ Shell PLC	0.87	10.33	—	Energy

Total Holdings 3925

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard High-Yield Corporate Adm VWEAX

Morningstar Category  
High Yield Bond

Morningstar Index  
ICE BofA US High Yield TR USD

## Portfolio Manager(s)

Elizabeth Shortsleeve since 08-2022

Michael Chang since 08-2022

## Quantitative Screens

✓ **Performance:** The fund has finished in the High Yield Bond category's top three quartiles in 8 of the 10 years it's been in existence.

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

Style Consistency is not calculated for Fixed Income funds.

✓ **Net Expense:** The fund's expense ratio of 0.12 is 86.36% lower than the High Yield Bond category average.

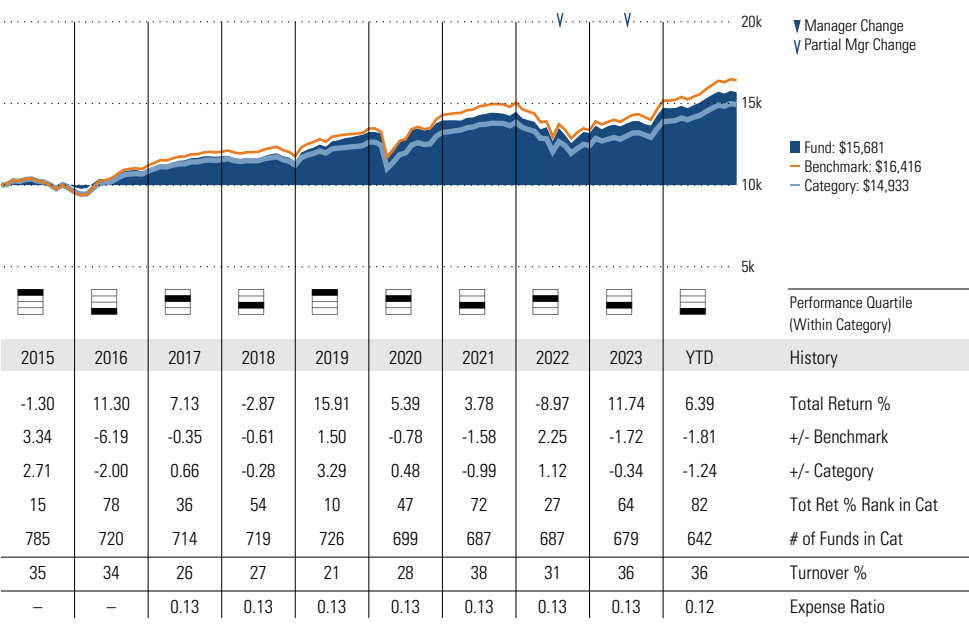
## Morningstar Investment Management LLC Analysis

We placed this fund on watch after the departure of longtime manager Michael Hong. We will keep the fund on watch while assessing its performance under the current team. This strategy's team underwent material changes, and its current members are still settling into place and we have not seen enough evidence that they can consistently execute.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024

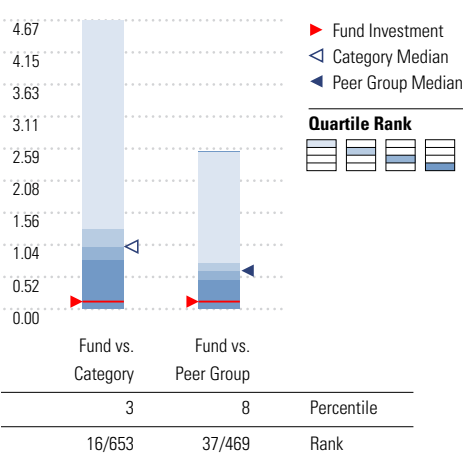
## Growth of \$10,000



## 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	-0.15	-	0.07
Beta	0.97	-	0.89
R-Squared	98.11	-	94.59
Standard Deviation	8.37	8.57	7.82
Sharpe Ratio	-0.15	-0.11	-0.15
Tracking Error	1.18	-	1.88
Information Ratio	-0.21	-	-0.35
Up Capture Ratio	96.14	-	88.99
Down Capture Ratio	97.54	-	88.25

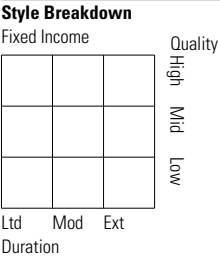
## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.12	-	3.17
Avg Eff Maturity	3.80	-	4.79

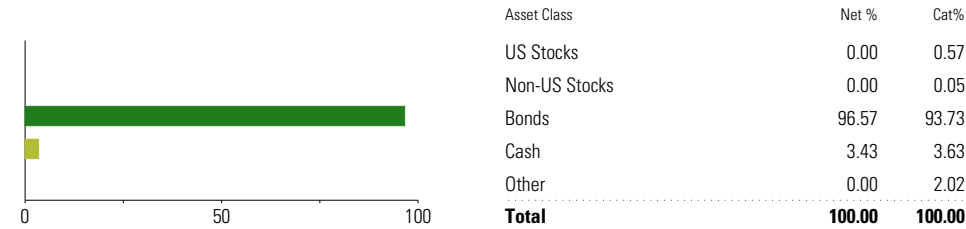
Vanguard High-Yield Corporate Adm VWEAX

Morningstar Category High Yield Bond  
Morningstar Index ICE BofA US High Yield TR USD

Style Analysis as of 12-31-2024

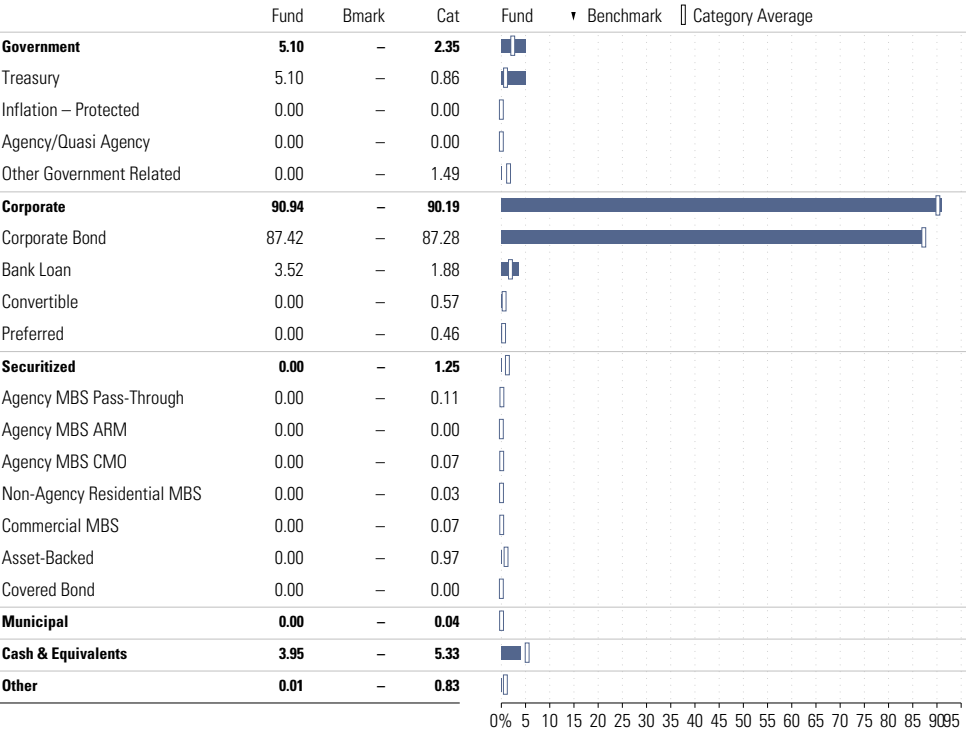


Asset Allocation as of 12-31-2024



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	5.10	—	1.63
AA	2.31	—	0.66
A	0.00	—	0.43
BBB	3.48	—	6.44
BB	51.16	—	33.37
B	32.28	—	31.89
Below B	5.28	—	22.49
Not Rated	0.39	—	3.09

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Mktliq 12/31/2049	—	0.91	0.91	—
⊕ Jpm Triparty Treasury	—	0.85	1.76	—
⊕ United States Treasury Notes	—	0.82	2.58	—
⊖ Imola Merger Corp.	—	0.68	3.26	—
United States Treasury Notes	—	0.67	3.93	—
Herc Holdings Inc	—	0.60	4.53	—
⊕ Td Triparty Mortgage	—	0.56	5.09	—
⊖ SS&C Technologies, Inc.	—	0.55	5.64	—
⊖ Frontier Communications Parent Inc	—	0.53	6.18	—
⊖ Us Dollar	—	0.53	6.71	—

Total Holdings 918

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category  
Inflation-Protected Bond

Morningstar Index  
Bloomberg US Treasury US TIPS TR USD

Portfolio Manager(s)

John Madziyire since 11-2021

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 3.15 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.07% lower than the Inflation-Protected Bond category average.

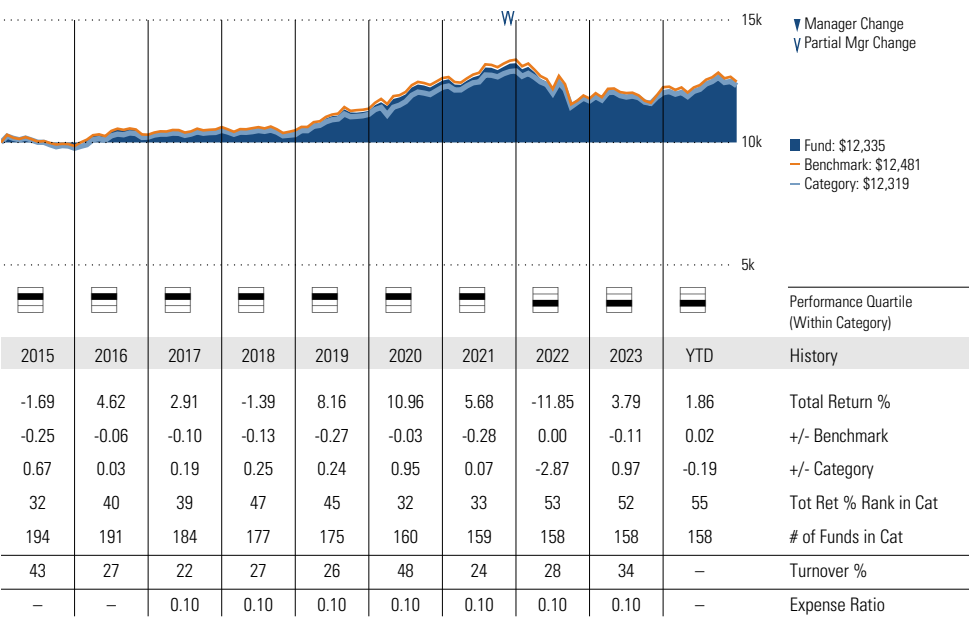
Morningstar Investment Management LLC Analysis

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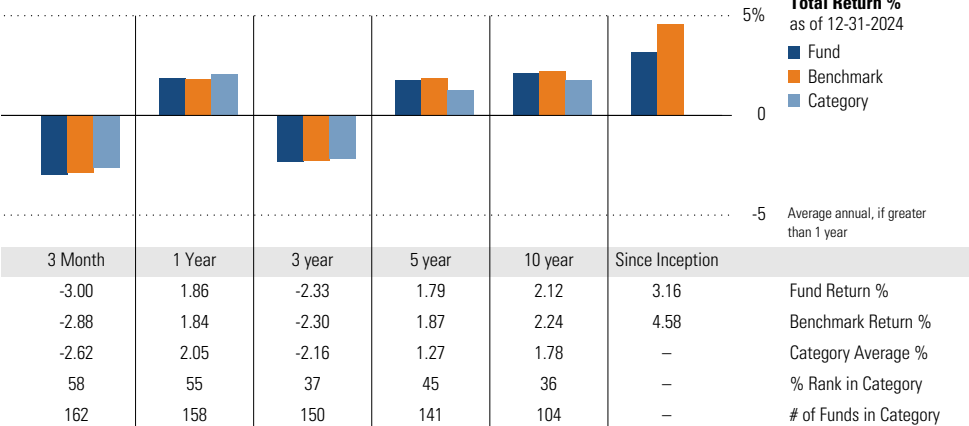
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

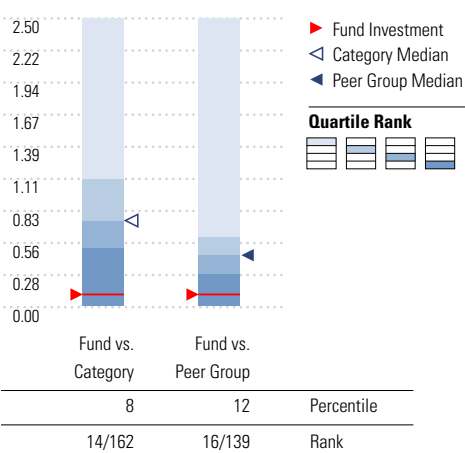
Growth of \$10,000



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	-0.05	—	-0.11
Beta	0.99	—	1.00
R-Squared	99.77	—	96.62
Standard Deviation	7.21	7.24	7.88
Sharpe Ratio	-0.89	-0.88	-0.87
Tracking Error	0.35	—	1.65
Information Ratio	-0.09	—	-0.38
Up Capture Ratio	99.91	—	100.17
Down Capture Ratio	100.20	—	101.63

Portfolio Metrics

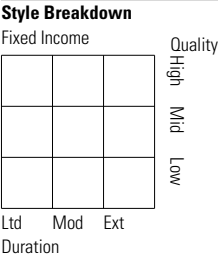
	Fund	Bmark	Cat
Avg Eff Duration	6.39	4.52	6.06
Avg Eff Maturity	7.20	—	7.05

Vanguard Inflation-Protected Secs Adm VAIPX

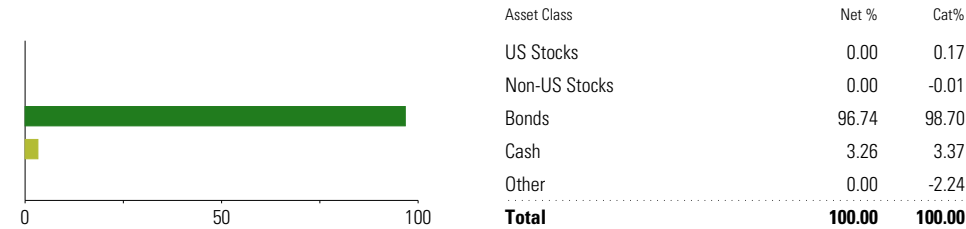
Morningstar Category  
Inflation-Protected Bond

Morningstar Index  
Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 12-31-2024

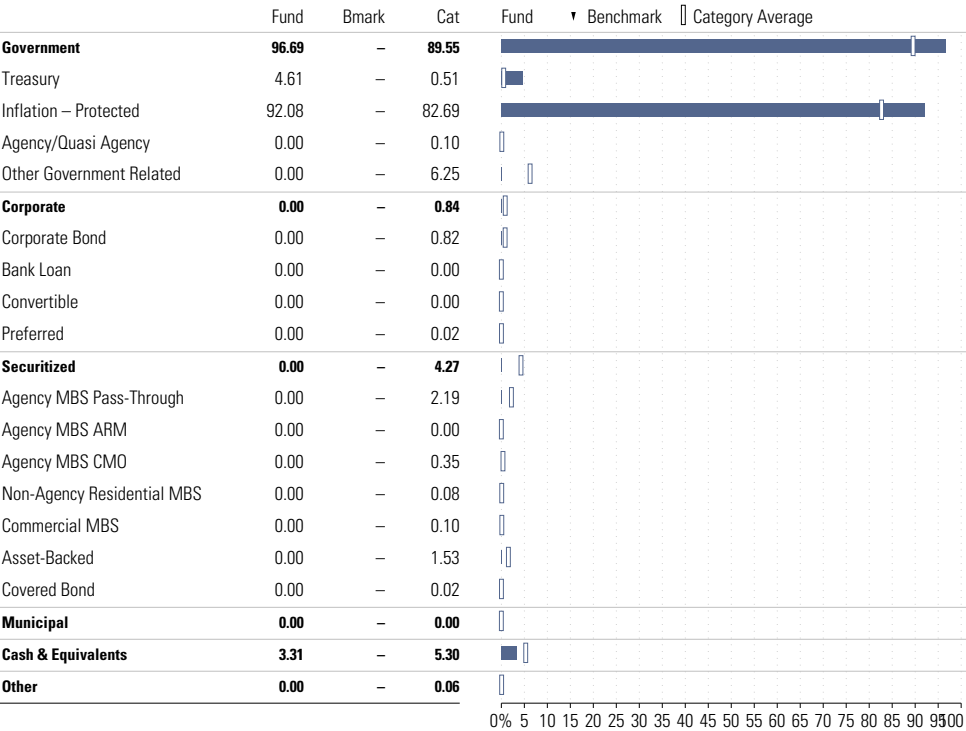


Asset Allocation as of 12-31-2024



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	96.82	0.00	23.64
AA	0.00	99.60	70.55
A	0.00	0.00	0.76
BBB	0.00	0.00	1.43
BB	0.00	0.00	0.23
B	0.00	0.00	0.03
Below B	0.00	0.00	0.14
Not Rated	3.18	0.40	3.23

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes	—	3.97	3.97	—
⊕ United States Treasury Notes	—	3.80	7.77	—
⊖ United States Treasury Notes	—	3.62	11.40	—
⊖ United States Treasury Notes	—	3.37	14.77	—
⊖ United States Treasury Notes	—	3.36	18.13	—
⊖ United States Treasury Notes	—	3.35	21.48	—
⊖ United States Treasury Notes	—	3.32	24.80	—
⊕ Mktliq 12/31/2049	—	3.31	28.11	—
⊖ United States Treasury Notes	—	3.25	31.36	—
⊖ United States Treasury Notes	—	3.15	34.51	—

Total Holdings 62

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

Morningstar Category  
Moderately Conservative  
Allocation

Morningstar Index  
Morningstar US Mod Con Tgt Alloc NR  
USD

Portfolio Manager(s)

Walter Nejman since 02-2022  
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 Moderately Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.
- 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 0.12 is 87.37% lower than the Moderately Conservative Allocation category average.

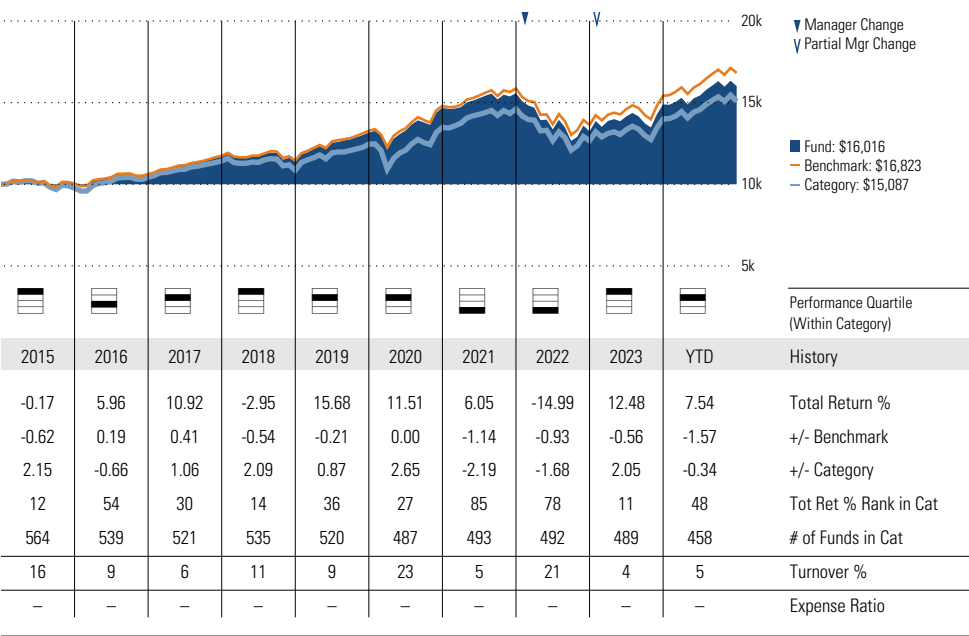
Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

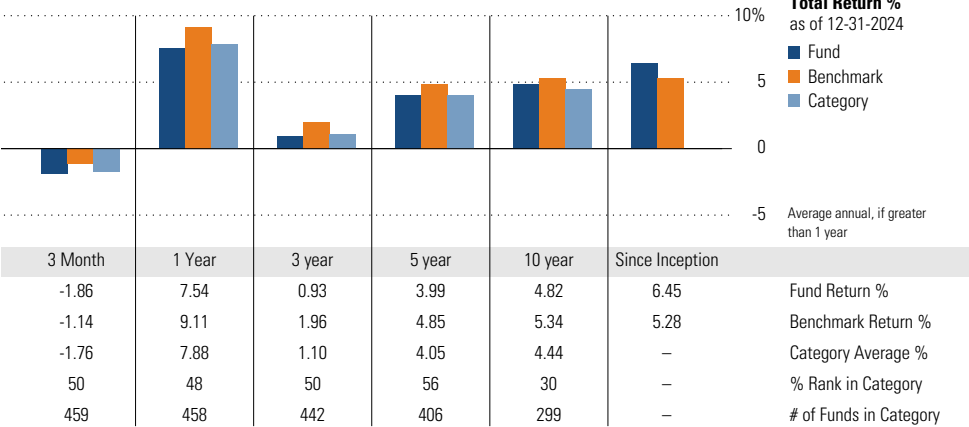
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	1-Low	07-19-2023

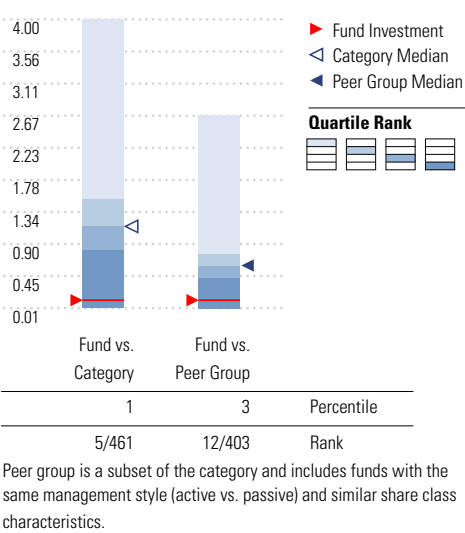
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.06	-	-0.78
Beta	1.03	-	0.97
R-Squared	99.44	-	94.55
Standard Deviation	10.49	10.14	10.12
Sharpe Ratio	-0.26	-0.17	-0.26
Tracking Error	0.85	-	2.33
Information Ratio	-1.22	-	-0.57
Up Capture Ratio	100.03	-	95.12
Down Capture Ratio	107.27	-	100.65

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.41	22.31	22.14
Price/Book Ratio	2.64	3.10	3.16
Avg Eff Duration	6.31	5.94	4.94

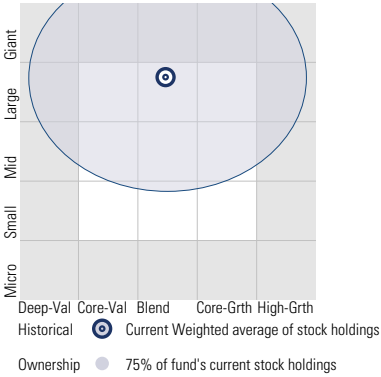
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

Morningstar Category  
Moderately Conservative

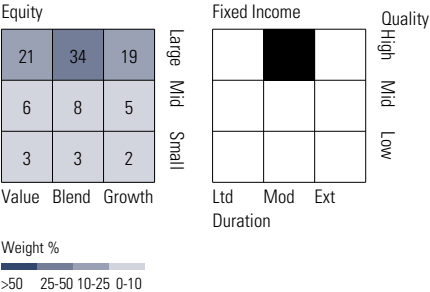
Morningstar Index  
Morningstar US Mod Con Tgt Alloc NR USD

## Style Analysis as of 12-31-2024

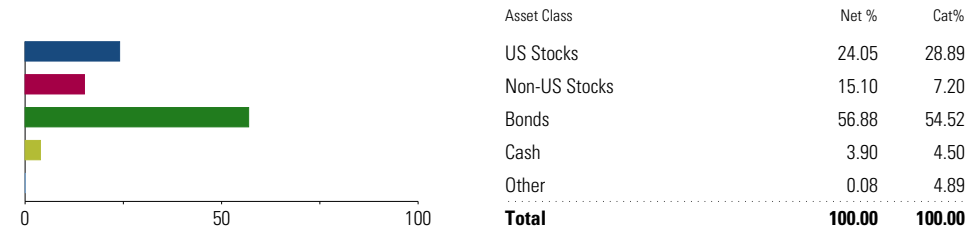
Morningstar Style Box™



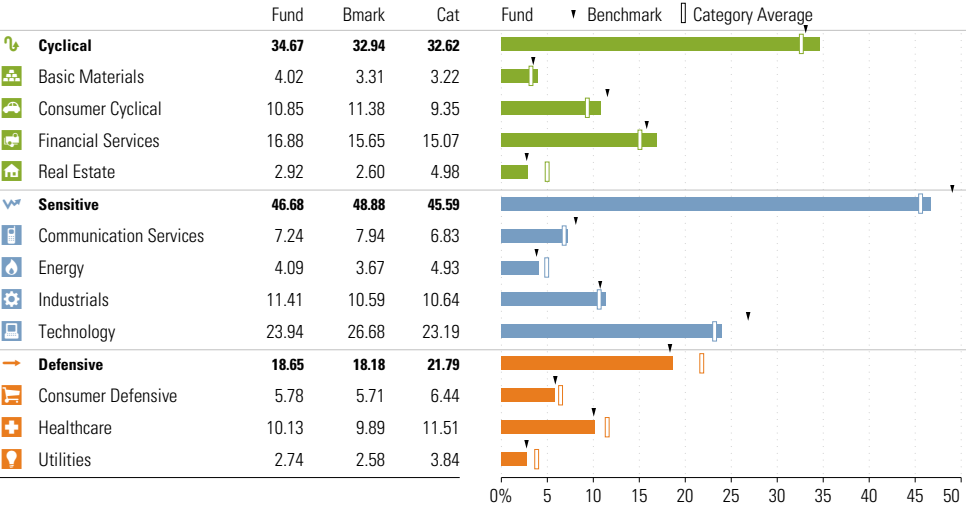
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	41.37	41.37	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	24.17	65.54	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	18.38	83.92	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	15.44	99.36	—	—
⊖ Mktliq 12/31/2049	—	0.66	100.02	—	—
⊕ Us Dollar	—	0.02	100.04	—	—

## Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio



Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category  
Moderately Aggressive  
Allocation

Morningstar Index  
Morningstar US Mod Agg Tgt Alloc NR  
USD

Portfolio Manager(s)

Walter Nejman since 02-2022  
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 Moderately Aggressive Allocation category's top three quartiles in 10 of the 10 years it's been in existence.

✗ **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 0.14 is 85.86% lower than the Moderately Aggressive Allocation category average.

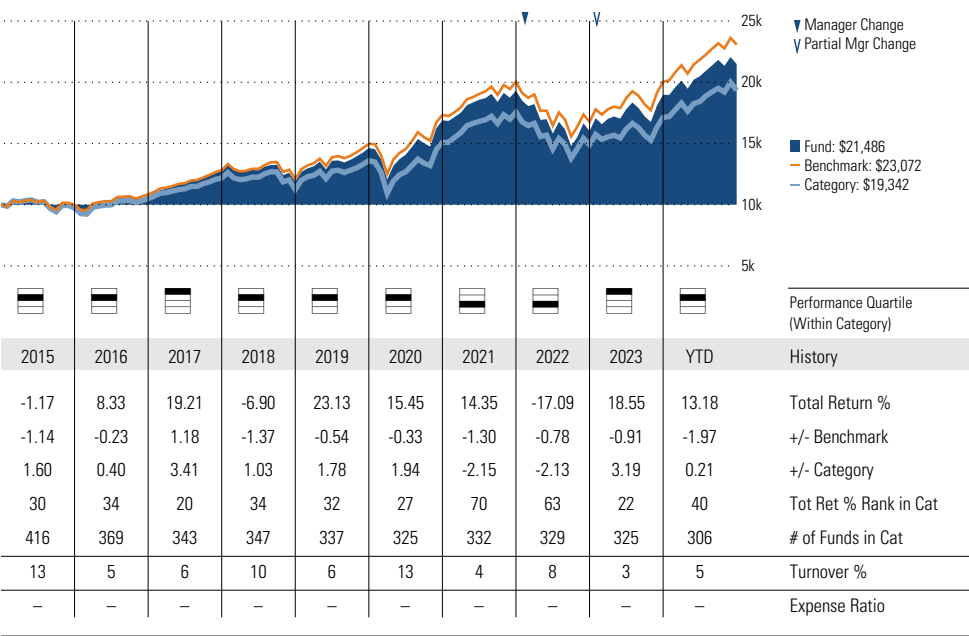
Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

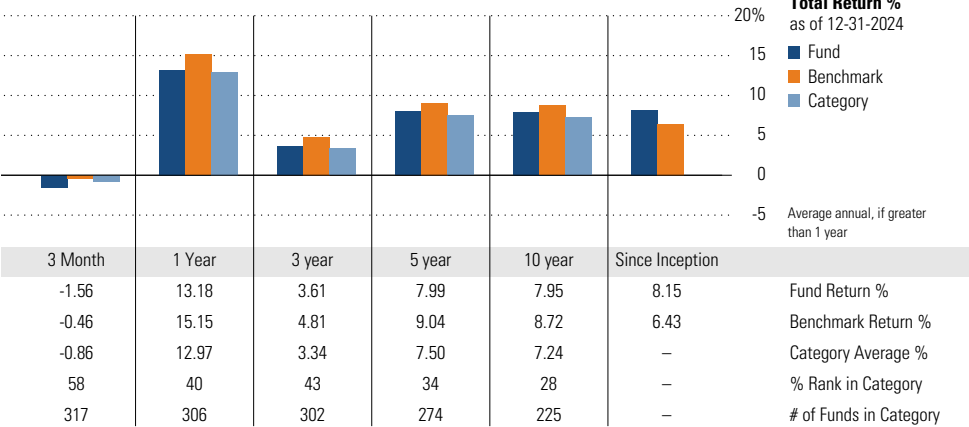
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

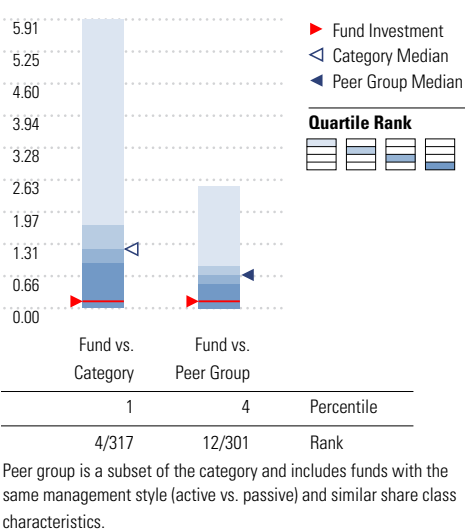
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.25	—	-1.28
Beta	1.03	—	0.98
R-Squared	99.28	—	94.04
Standard Deviation	14.58	14.13	14.40
Sharpe Ratio	0.03	0.11	0.01
Tracking Error	1.30	—	3.10
Information Ratio	-0.92	—	-0.69
Up Capture Ratio	100.18	—	96.31
Down Capture Ratio	106.30	—	103.02

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	22.29	22.44
Price/Book Ratio	2.65	3.11	3.16
Avg Eff Duration	6.32	5.94	4.63

Vanguard LifeStrategy Growth Inv VASGX

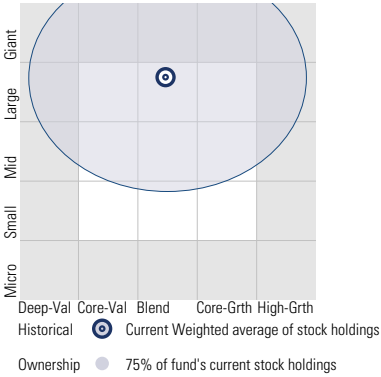
Morningstar Category  
Moderately Aggressive

Morningstar Index  
Morningstar US Mod Agg Tgt Alloc NR USD

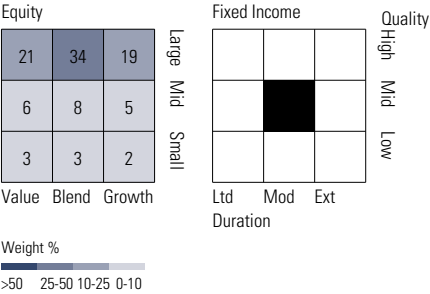
Allocation

Style Analysis as of 12-31-2024

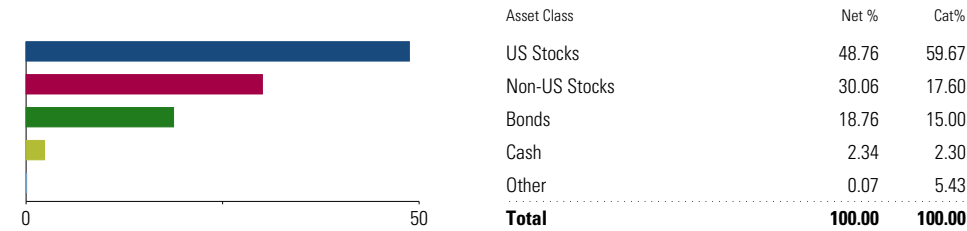
Morningstar Style Box™



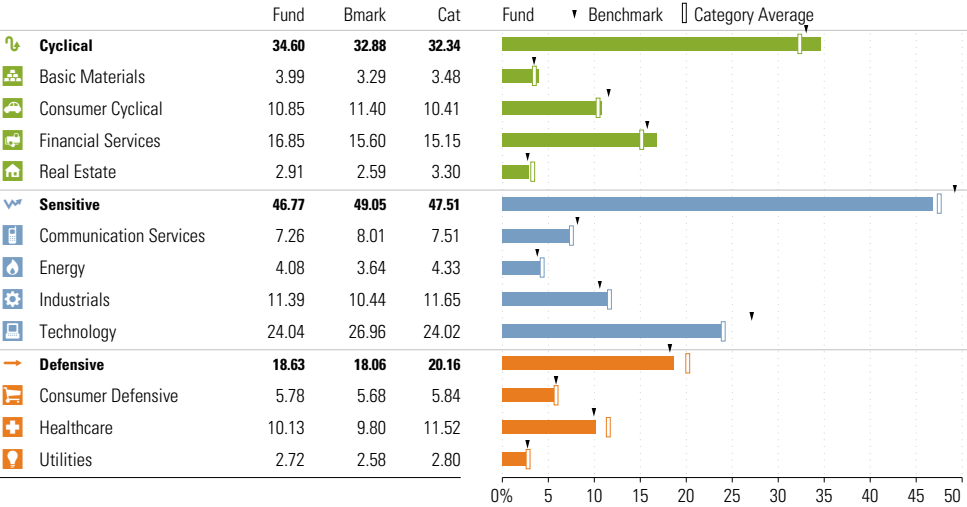
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	49.01	49.01	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	30.73	79.74	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.75	93.49	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	5.96	99.45	—	—
⊕ Mktliq 12/31/2049	—	0.55	100.01	—	—
⊕ Us Dollar	—	0.01	100.02	—	—

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Income Inv VASIX

Morningstar Category  
Conservative Allocation

Morningstar Index  
Morningstar US Con Tgt Alloc NR USD

Portfolio Manager(s)

Walter Nejman since 02-2022  
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 Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.

✗ *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 0.11 is 89.52% lower than the Conservative Allocation category average.

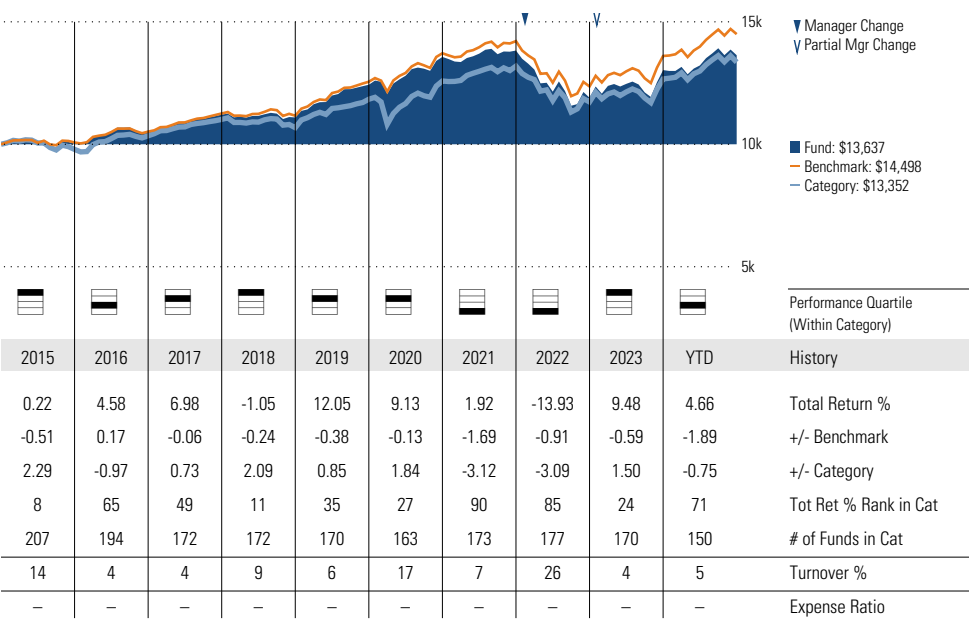
Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

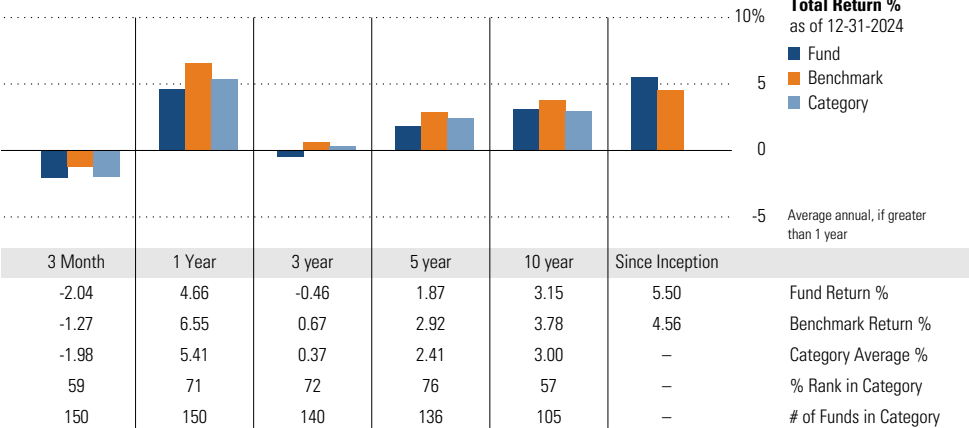
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
ESG Commitment	1-Low	07-19-2023

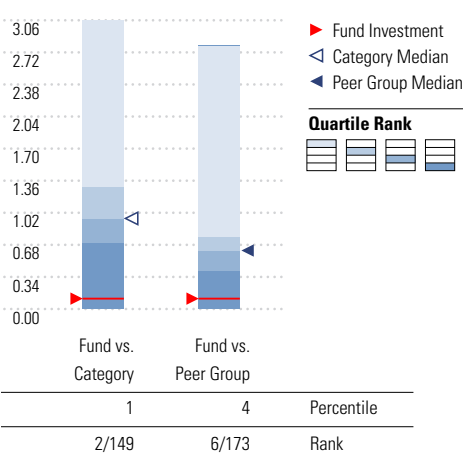
Growth of \$10,000



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	-1.13	-	-0.38
Beta	1.03	-	0.97
R-Squared	99.16	-	94.27
Standard Deviation	8.64	8.37	8.39
Sharpe Ratio	-0.51	-0.39	-0.44
Tracking Error	0.82	-	2.12
Information Ratio	-1.37	-	-0.34
Up Capture Ratio	97.35	-	96.59
Down Capture Ratio	106.73	-	99.94

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.26	22.95	23.13
Price/Book Ratio	2.61	3.29	3.33
Avg Eff Duration	6.30	5.94	4.03

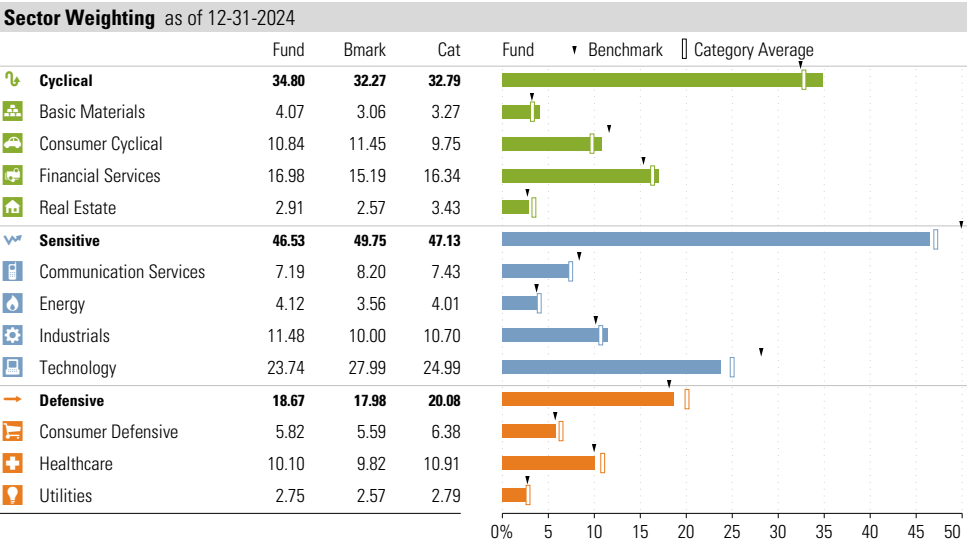
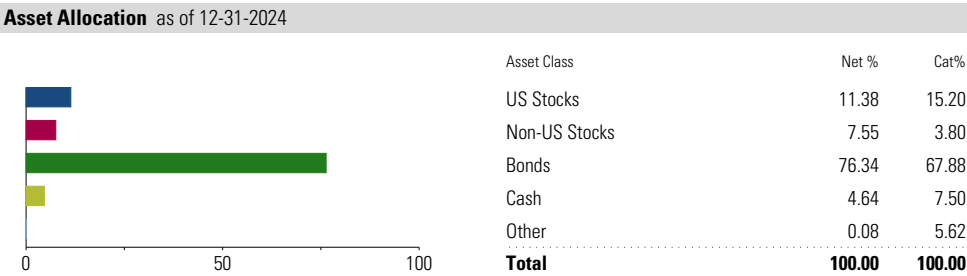
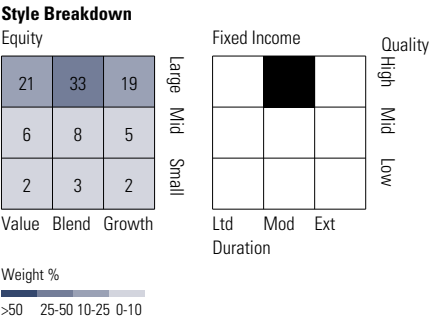
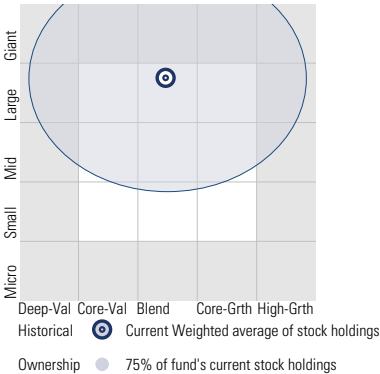
# Vanguard LifeStrategy Income Inv VASIX

Morningstar Category  
Conservative Allocation

Morningstar Index  
Morningstar US Con Tgt Alloc NR USD

Style Analysis as of 12-31-2024

Morningstar Style Box™



Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	56.07	56.07	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	24.14	80.21	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	11.44	91.65	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	7.72	99.37	—	—
⊖ Mktliq 12/31/2049	—	0.64	100.01	—	—
⊕ Us Dollar	—	0.01	100.02	—	—

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Morningstar Category  
Moderate Allocation

Morningstar Index  
Morningstar US Mod Tgt Alloc NR USD

Portfolio Manager(s)

Walter Nejman since 02-2022  
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 Moderate Allocation category's top three quartiles in 9 of the 10 years it's been in existence.
- ✖

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 0.13 is 87.13% lower than the Moderate Allocation category average.

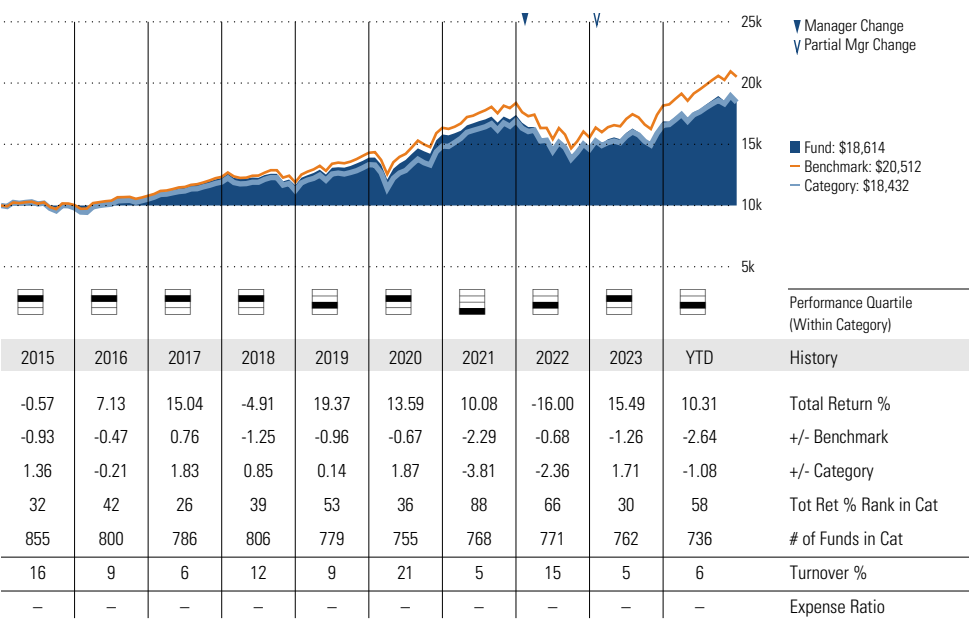
Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

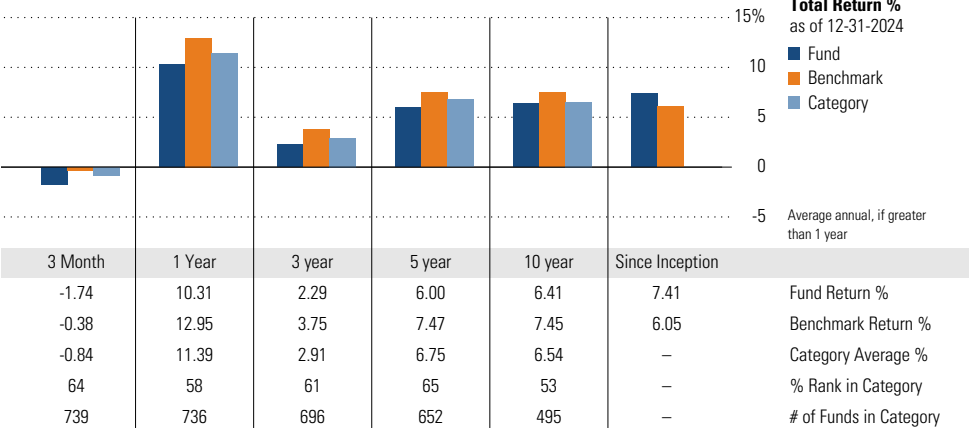
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

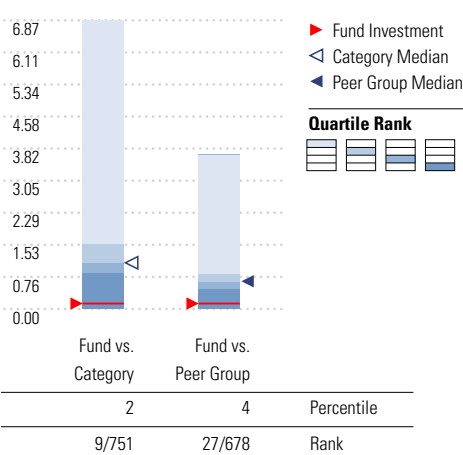
Growth of \$10,000



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	-1.44	-	-0.80
Beta	1.01	-	0.97
R-Squared	98.89	-	94.01
Standard Deviation	12.51	12.33	12.37
Sharpe Ratio	-0.09	0.02	-0.06
Tracking Error	1.32	-	2.81
Information Ratio	-1.10	-	-0.49
Up Capture Ratio	97.05	-	95.93
Down Capture Ratio	105.06	-	100.83

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.47	23.29	23.65
Price/Book Ratio	2.66	3.38	3.49
Avg Eff Duration	6.33	5.94	4.87

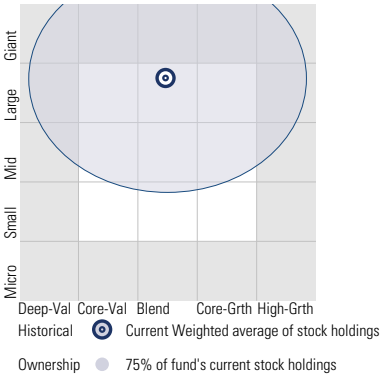
# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Morningstar Category  
Moderate Allocation

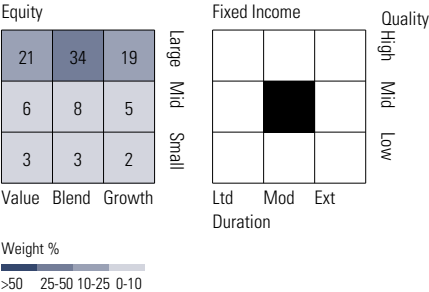
Morningstar Index  
Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 12-31-2024

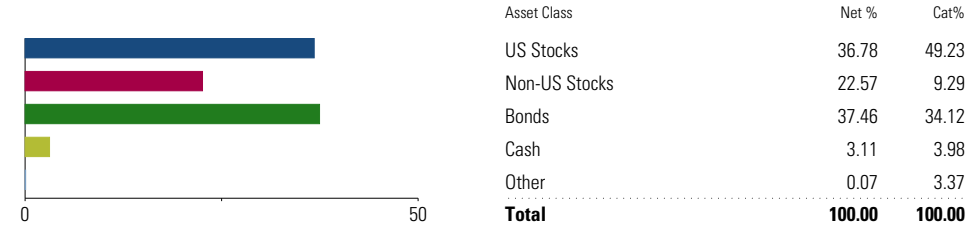
Morningstar Style Box™



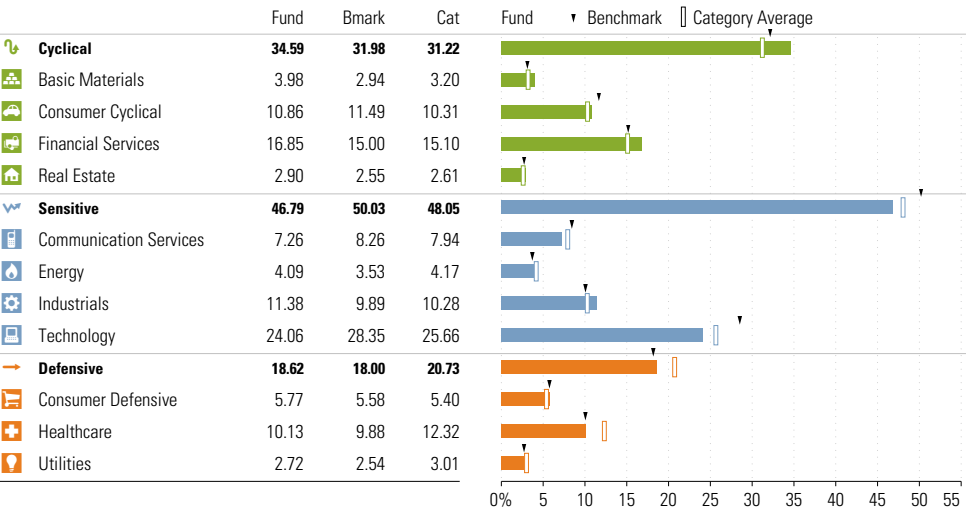
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	36.97	36.97	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	27.21	64.18	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	23.07	87.25	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	12.14	99.39	—	—
⊕ Mktliq 12/31/2049	—	0.61	100.00	—	—
⊖ Us Dollar	—	0.00	100.00	—	—

## Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category  
Mid-Cap Growth

Morningstar Index  
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Aur lie Denis since 02-2023  
Aaron Choi since 08-2023

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 team has been in place for less than three 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 0.07 is 93.33% lower than the Mid-Cap Growth category average.

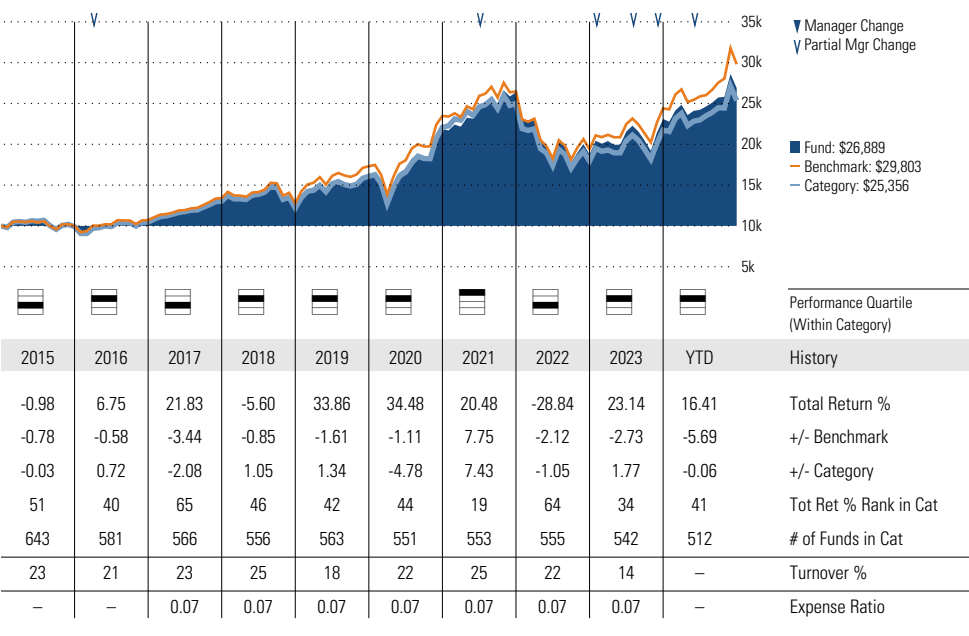
Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen. Although the managers on this fund are relatively recent additions, they are experienced at Vanguard, and the team-managed, well-established process of running index funds at Vanguard means that such changes are not concerning.

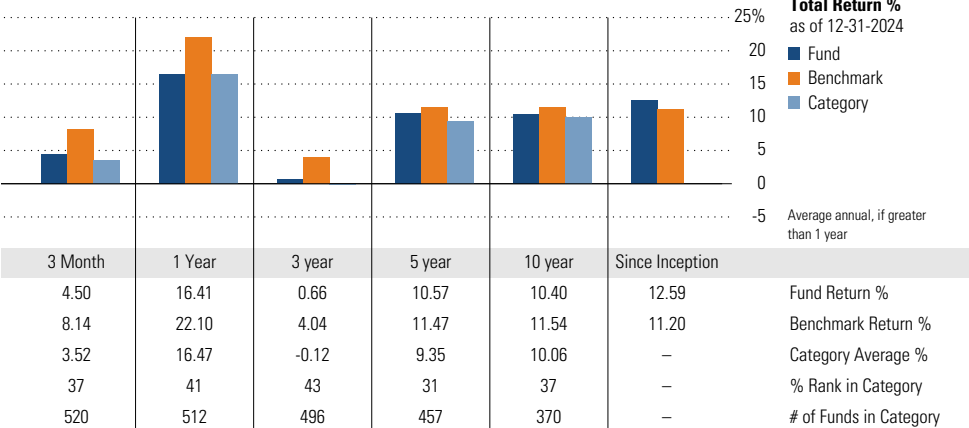
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

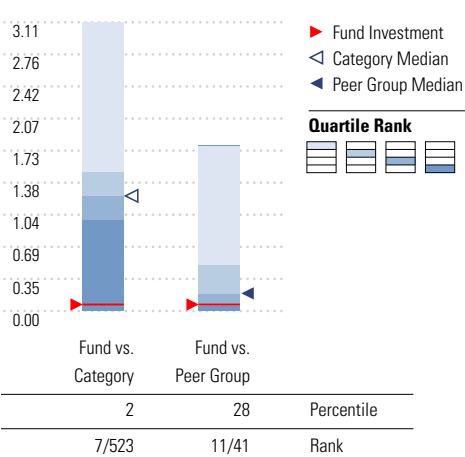
Growth of \$10,000



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

	Fund	Bmark	Cat
Alpha	-3.22	—	-3.95
Beta	0.97	—	0.97
R-Squared	98.56	—	91.88
Standard Deviation	22.05	22.47	23.00
Sharpe Ratio	-0.05	0.10	-0.09
Tracking Error	2.70	—	6.64
Information Ratio	-1.25	—	-0.87
Up Capture Ratio	94.76	—	91.23
Down Capture Ratio	105.52	—	105.05

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	31.35	32.59	33.34
Price/Book Ratio	5.63	9.30	6.03
Geom Avg Mkt Cap \$B	38.81	28.29	23.72
ROE	22.53	31.41	21.47

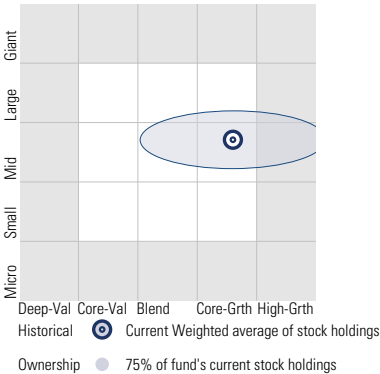
Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category  
Mid-Cap Growth

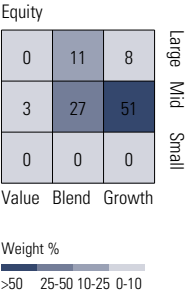
Morningstar Index  
Russell Mid Cap Growth TR USD

Style Analysis as of 12-31-2024

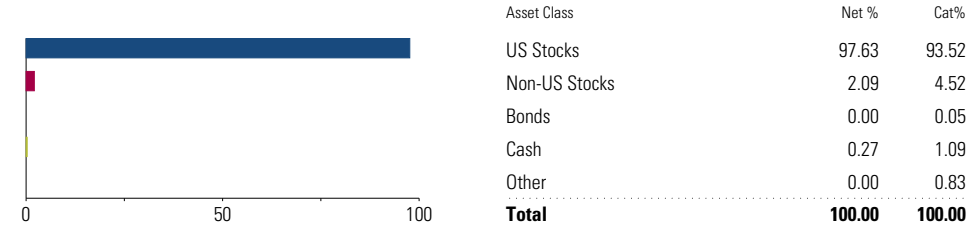
Morningstar Style Box™



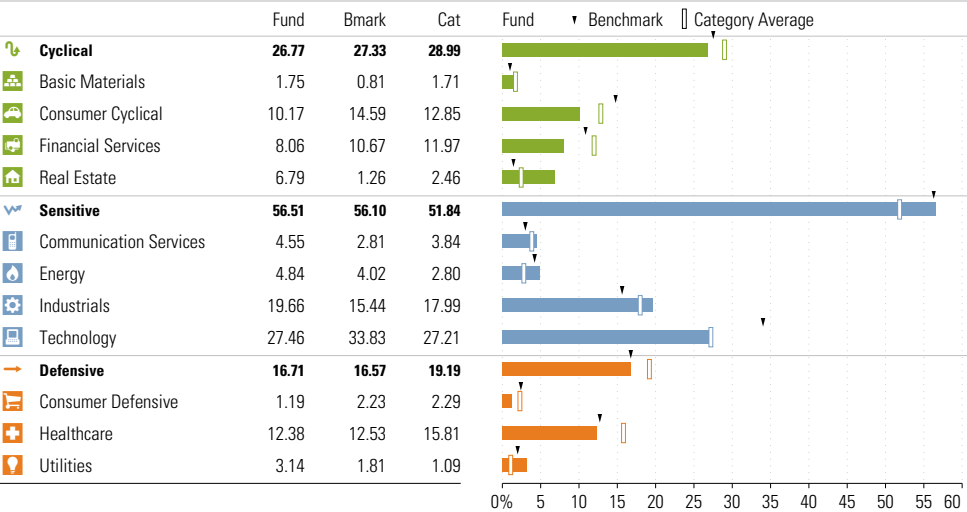
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	2.24	2.24	41.23	Technology
⊕ Welltower Inc	2.10	4.33	42.61	Real Estate
⊖ Palantir Technologies Inc Ordinary Shares - Class A	2.09	6.42	—	Technology
⊕ Motorola Solutions Inc	2.06	8.48	48.92	Technology
⊕ Constellation Energy Corp	1.88	10.37	—	Utilities
⊕ TransDigm Group Inc	1.81	12.17	32.69	Industrials
⊕ Royal Caribbean Group	1.49	13.66	78.89	Consumer Cyclical
⊕ DoorDash Inc Ordinary Shares - Class A	1.46	15.13	—	Communication Svc
⊕ The Trade Desk Inc Class A	1.41	16.54	—	Technology
⊕ Copart Inc	1.33	17.87	17.12	Industrials
⊕ Coinbase Global Inc Ordinary Shares - Class A	1.29	19.16	—	Financial Services
⊕ Block Inc Class A	1.27	20.43	—	Technology
⊕ Vistra Corp	1.25	21.68	—	Utilities
⊕ Realty Income Corp	1.25	22.93	-1.99	Real Estate
⊕ Quanta Services Inc	1.25	24.17	46.58	Industrials

Total Holdings 142

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category  
Mid-Cap Value

Morningstar Index  
Russell Mid Cap Value TR USD

Portfolio Manager(s)

Aur lie Denis since 02-2023  
Aaron Choi since 08-2023

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 9 of the 10 years it's been in existence.
- ✗ **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 — Mid-Cap Value — 100 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.71% lower than the Mid-Cap Value category average.

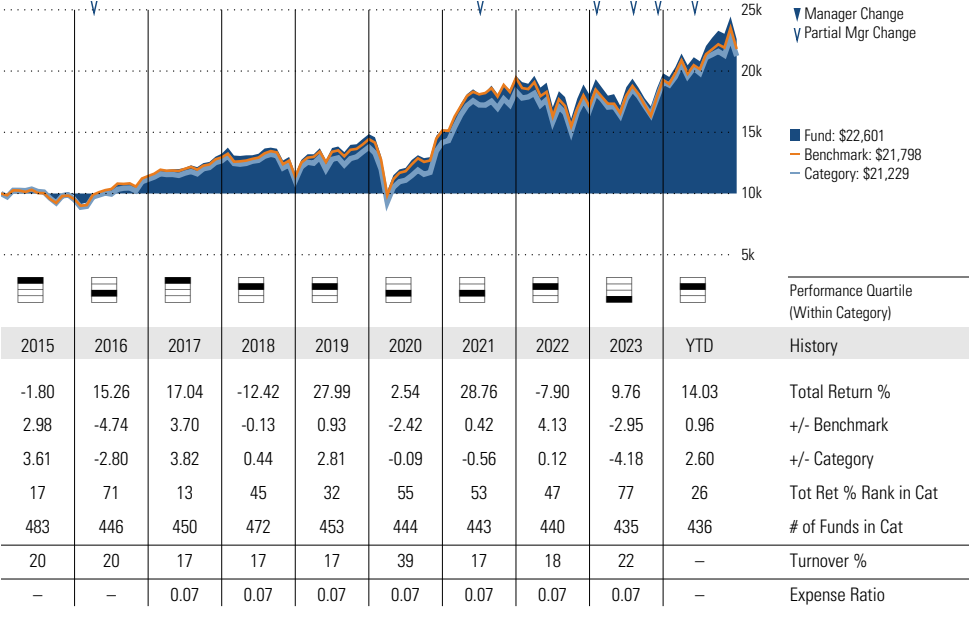
Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen. Although the managers on this fund are relatively recent additions, they are experienced at Vanguard, and the team-managed, well-established process of running index funds at Vanguard means that such changes are not concerning.

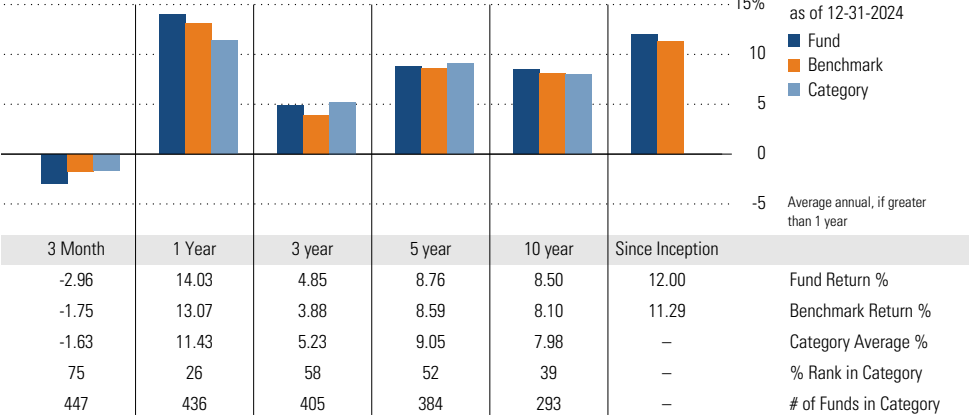
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

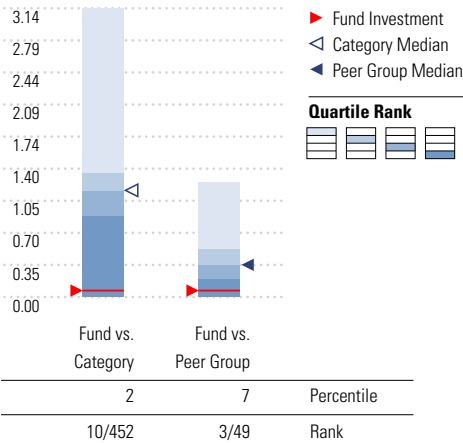
Growth of \$10,000



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

	Fund	Bmark	Cat
Alpha	1.06	—	1.35
Beta	0.95	—	0.94
R-Squared	98.62	—	93.95
Standard Deviation	19.13	20.05	19.54
Sharpe Ratio	0.12	0.08	0.13
Tracking Error	2.48	—	5.06
Information Ratio	0.39	—	0.24
Up Capture Ratio	97.61	—	95.12
Down Capture Ratio	94.15	—	90.80

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.51	18.98	17.30
Price/Book Ratio	2.31	2.31	1.97
Geom Avg Mkt Cap \$B	30.92	20.20	17.33
ROE	18.29	14.42	14.44

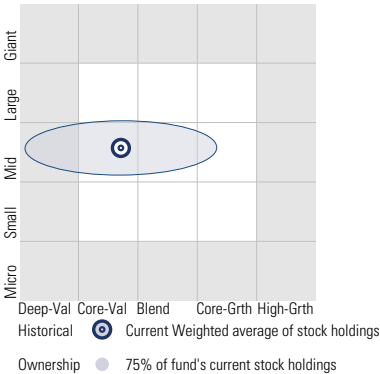
# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category  
Mid-Cap Value

Morningstar Index  
Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2024

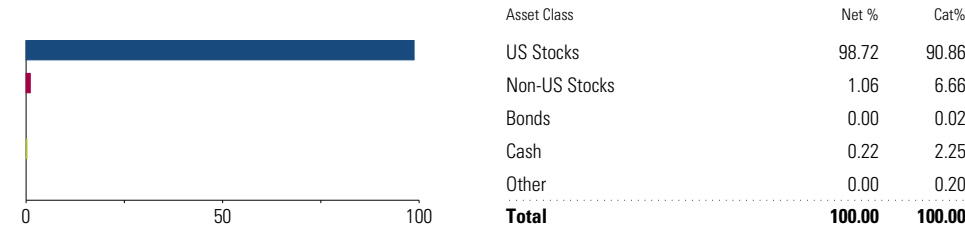
Morningstar Style Box™



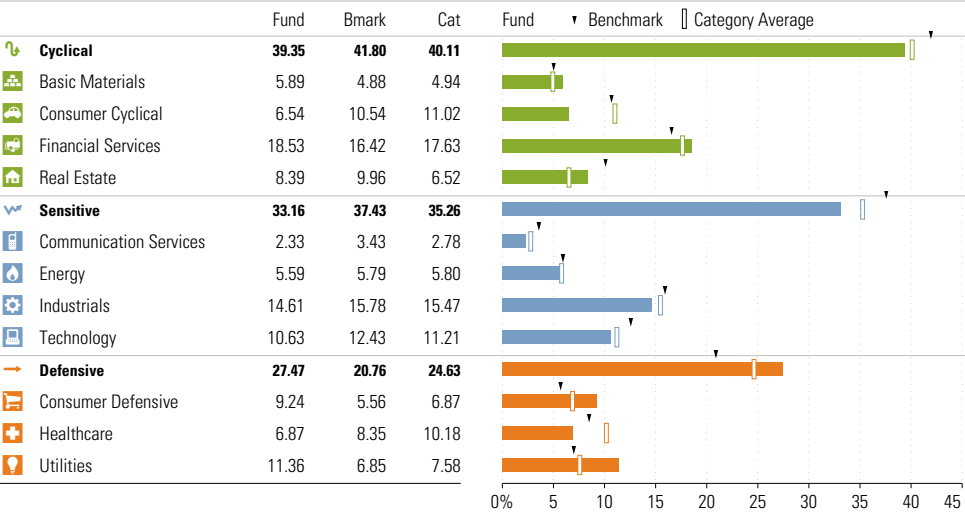
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Arthur J. Gallagher & Co	1.58	1.58	27.29	Financial Services
⊖ Digital Realty Trust Inc	1.31	2.89	35.39	Real Estate
⊖ ONEOK Inc	1.31	4.20	48.62	Energy
⊖ Carrier Global Corp Ordinary Shares	1.30	5.49	—	Industrials
⊖ PACCAR Inc	1.22	6.71	10.79	Industrials
⊖ Ameriprise Financial Inc	1.15	7.86	41.70	Financial Services
⊖ Allstate Corp	1.14	9.00	40.36	Financial Services
⊖ Cummins Inc	1.07	10.06	48.43	Industrials
⊖ United Rentals Inc	1.03	11.09	23.99	Industrials
⊖ Cheniere Energy Inc	1.02	12.11	26.93	Energy
⊖ Discover Financial Services	0.97	13.08	—	Financial Services
⊖ Fidelity National Information Services Inc	0.97	14.05	36.86	Technology
⊖ PG&E Corp	0.96	15.01	12.23	Utilities
⊖ Newmont Corp	0.94	15.96	-7.66	Basic Materials
⊖ Prudential Financial Inc	0.94	16.90	19.30	Financial Services

Total Holdings 193

⊕ 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 28.65 years.
- Style:** The fund has landed in its primary style box — Mid-Cap Blend — 91.43 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.13 is 88.39% lower than the Real Estate category average.

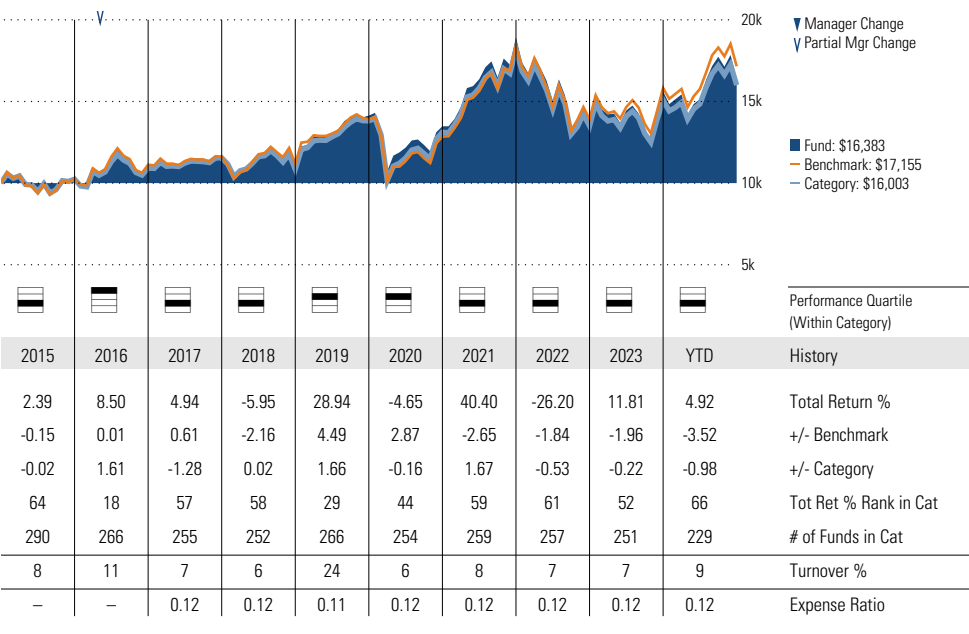
Morningstar Investment Management LLC Analysis

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.

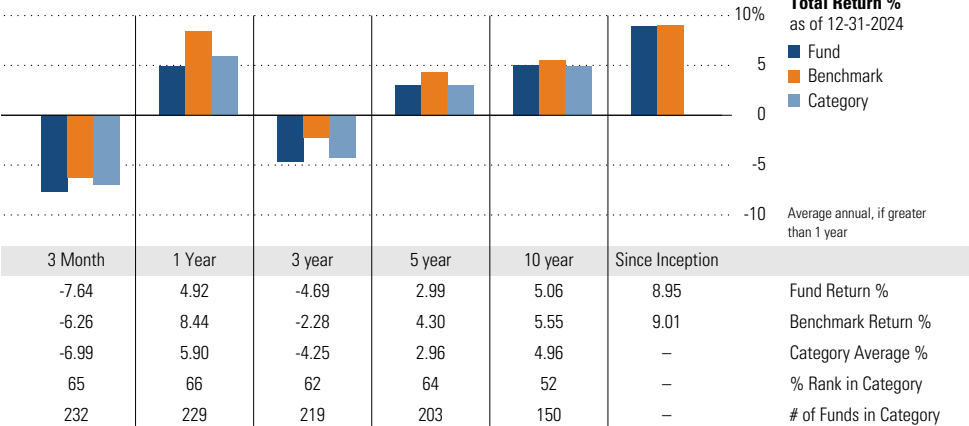
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

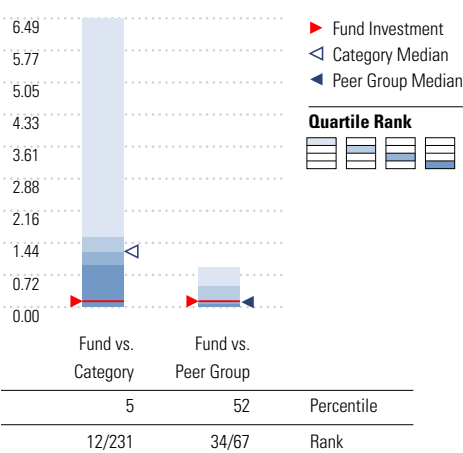
Growth of \$10,000



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	-2.33	-	-2.02
Beta	1.03	-	0.97
R-Squared	98.65	-	94.85
Standard Deviation	21.84	21.09	20.99
Sharpe Ratio	-0.31	-0.21	-0.31
Tracking Error	2.60	-	4.05
Information Ratio	-0.93	-	-0.64
Up Capture Ratio	98.38	-	93.34
Down Capture Ratio	105.82	-	99.92

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	33.21	38.46	33.53
Price/Book Ratio	2.39	2.42	2.85
Geom Avg Mkt Cap \$B	24.70	9.35	35.92
ROE	12.79	9.56	20.02

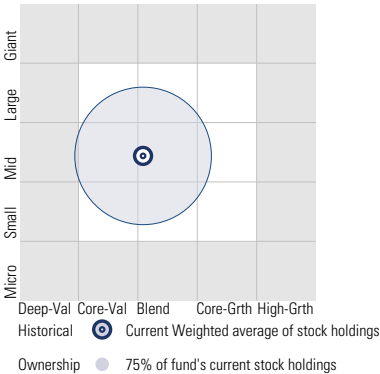
# Vanguard Real Estate Index Admiral VGSLX

Morningstar Category  
Real Estate

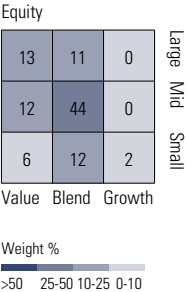
Morningstar Index  
S&P United States REIT TR USD

## Style Analysis as of 12-31-2024

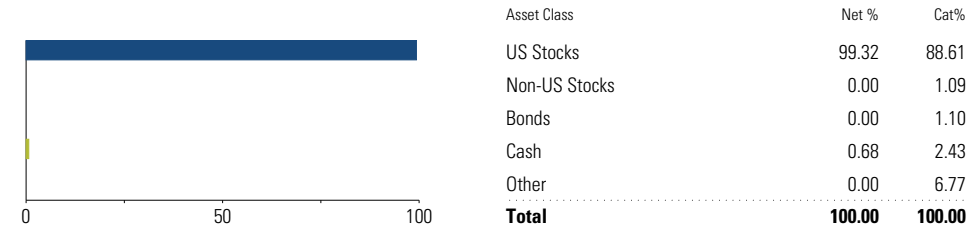
Morningstar Style Box™



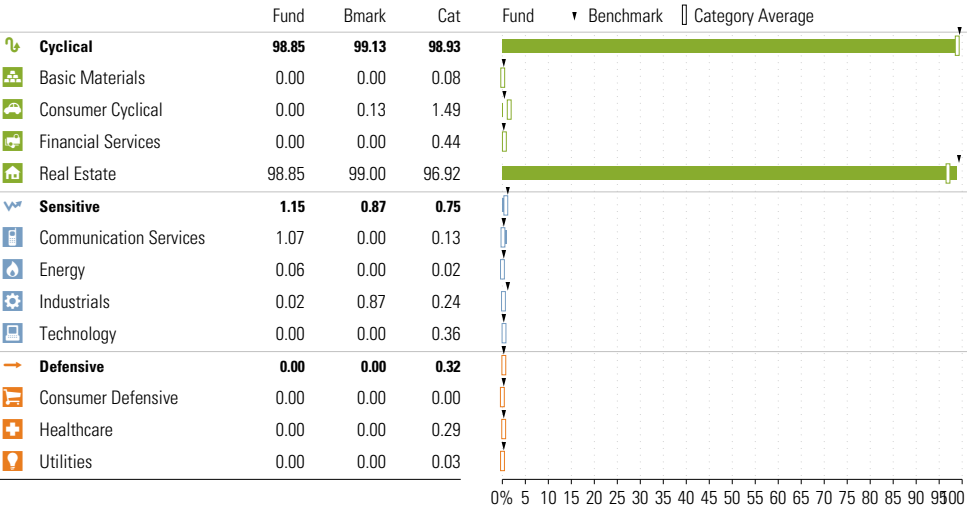
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	13.91	13.91	—	—
⊕ Prologis Inc	5.83	19.74	-17.82	Real Estate
⊕ Equinix Inc	5.18	24.92	19.19	Real Estate
⊕ American Tower Corp	5.10	30.03	-12.04	Real Estate
⊕ Welltower Inc	4.54	34.57	42.61	Real Estate
⊕ Digital Realty Trust Inc	3.46	38.03	35.39	Real Estate
⊕ Simon Property Group Inc	3.34	41.37	26.41	Real Estate
⊕ Public Storage	2.81	44.18	2.11	Real Estate
⊕ Realty Income Corp	2.77	46.95	-1.99	Real Estate
⊕ CBRE Group Inc Class A	2.40	49.34	41.04	Real Estate
⊕ Crown Castle Inc	2.35	51.69	-15.77	Real Estate
⊕ Extra Space Storage Inc	1.89	53.58	-2.65	Real Estate
⊕ AvalonBay Communities Inc	1.86	55.44	21.12	Real Estate
⊕ Iron Mountain Inc	1.84	57.28	54.10	Real Estate
⊕ CoStar Group Inc	1.75	59.02	-18.08	Real Estate

Total Holdings 162

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category  
Small Growth

Morningstar Index  
Russell 2000 Growth TR USD

Portfolio Manager(s)

Gerard O'Reilly since 12-2004  
Nick Birkett since 02-2023

Quantitative Screens

- Performance:** The fund has finished in the Small 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 20.02 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 0.07 is 93.97% lower than the Small Growth category average.

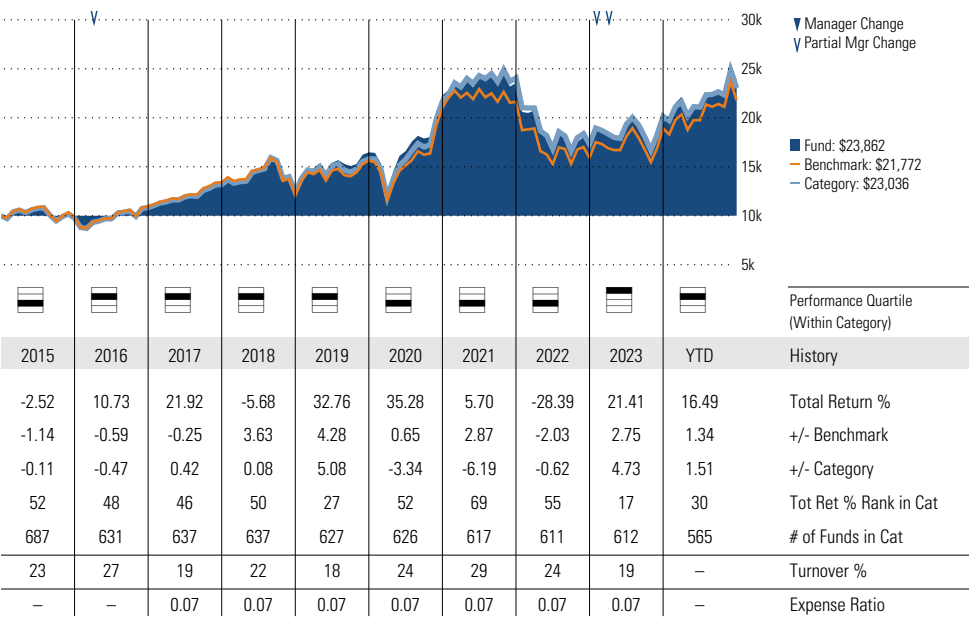
Morningstar Investment Management LLC Analysis

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.

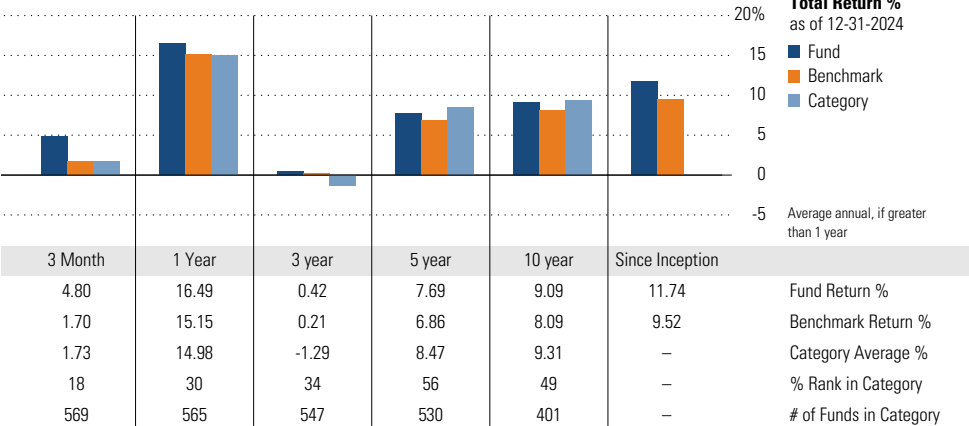
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

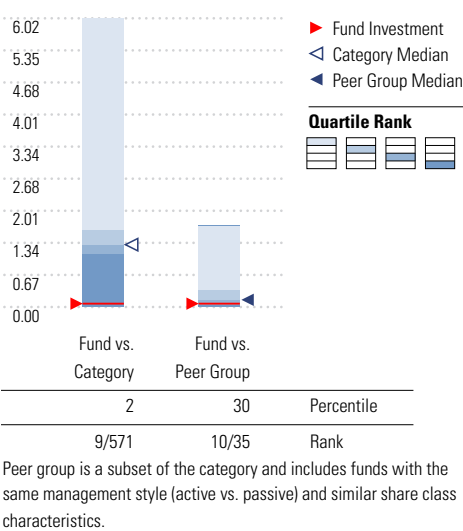
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.15	—	-1.77
Beta	0.95	—	0.91
R-Squared	97.09	—	92.67
Standard Deviation	23.47	24.33	23.20
Sharpe Ratio	-0.05	-0.05	-0.14
Tracking Error	4.18	—	6.71
Information Ratio	0.05	—	-0.25
Up Capture Ratio	95.90	—	87.49
Down Capture Ratio	95.46	—	93.28

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.75	23.14	29.25
Price/Book Ratio	4.05	4.12	3.92
Geom Avg Mkt Cap \$B	7.92	3.40	6.68
ROE	10.57	6.72	7.94

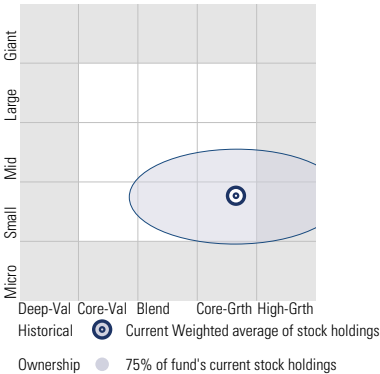
# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category  
Small Growth

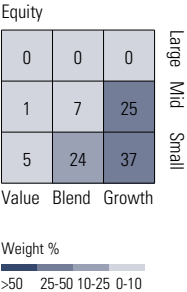
Morningstar Index  
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2024

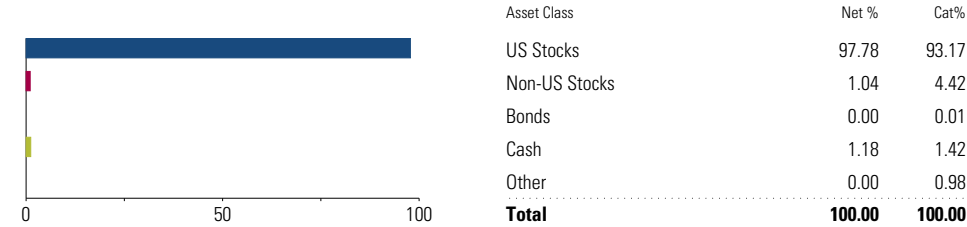
Morningstar Style Box™



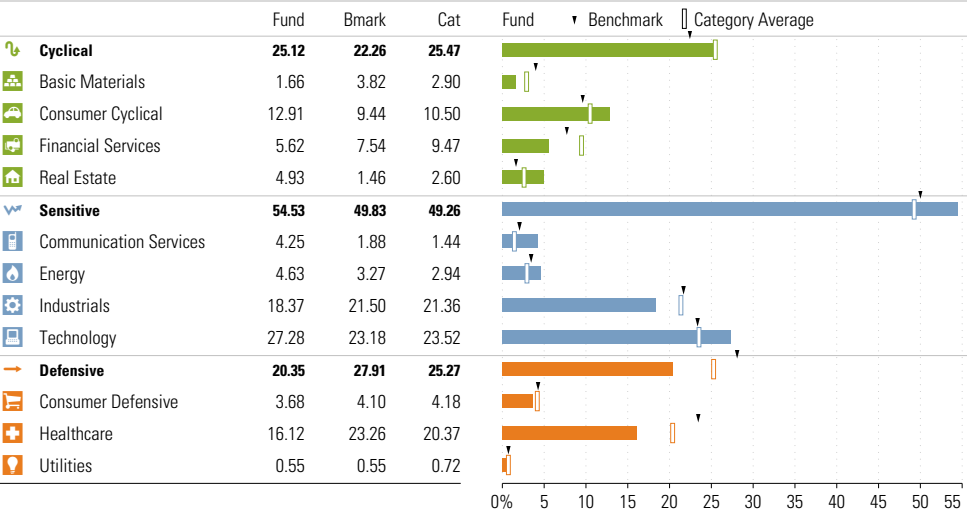
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Deckers Outdoor Corp	1.16	1.16	82.30	Consumer Cyclical
⊖ Slcmt1142	1.04	2.20	—	—
⊕ PTC Inc	0.79	2.98	5.09	Technology
⊕ Natera Inc	0.74	3.73	—	Healthcare
⊕ Liberty Formula One Group Registered Shs Series -C- Formula One	0.73	4.46	—	Communication Svc
⊕ Lennox International Inc	0.73	5.19	37.17	Industrials
⊕ Pure Storage Inc Class A	0.72	5.91	—	Technology
⊕ DocuSign Inc	0.68	6.59	—	Technology
⊕ DraftKings Inc Ordinary Shares - Class A	0.65	7.24	—	Consumer Cyclical
⊕ RB Global Inc	0.62	7.86	—	Industrials
⊕ Reddit Inc Class A Shares	0.62	8.48	—	Communication Svc
⊕ Manhattan Associates Inc	0.62	9.10	25.51	Technology
⊕ Watsco Inc Ordinary Shares	0.62	9.72	13.06	Industrials
⊕ Toast Inc Class A	0.61	10.33	—	Technology
⊕ SoFi Technologies Inc Ordinary Shares	0.59	10.93	—	Financial Services

Total Holdings 592

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category  
Small Value  
Morningstar Index  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 04-2016  
Nick Birkett since 02-2023

## Quantitative Screens

- Performance:** The fund has finished in the Small Value 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 8.68 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 0.07 is 93.58% lower than the Small Value category average.

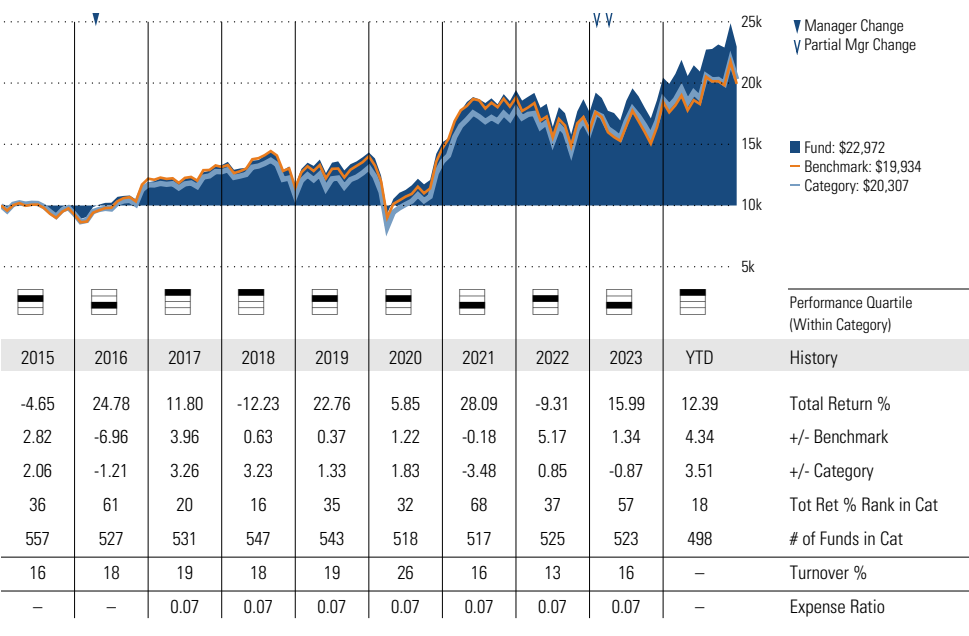
## Morningstar Investment Management LLC Analysis

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.

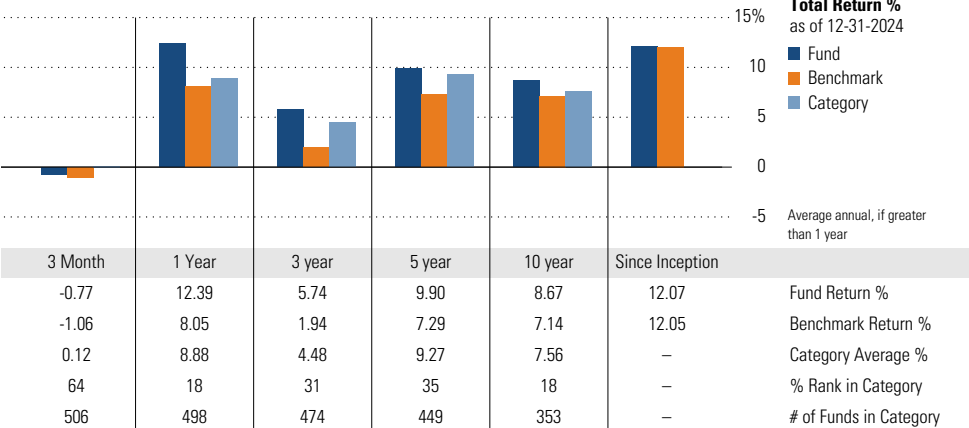
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

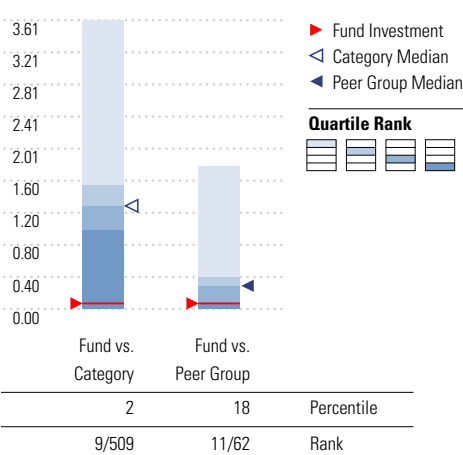
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	3.70	—	2.32
Beta	0.90	—	0.92
R-Squared	96.65	—	94.22
Standard Deviation	21.74	23.77	22.43
Sharpe Ratio	0.17	0.02	0.11
Tracking Error	4.64	—	5.63
Information Ratio	0.82	—	0.39
Up Capture Ratio	97.07	—	95.26
Down Capture Ratio	86.45	—	88.82

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.24	14.23	14.24
Price/Book Ratio	1.80	1.26	1.60
Geom Avg Mkt Cap \$B	6.78	2.12	4.89
ROE	12.86	4.28	11.63

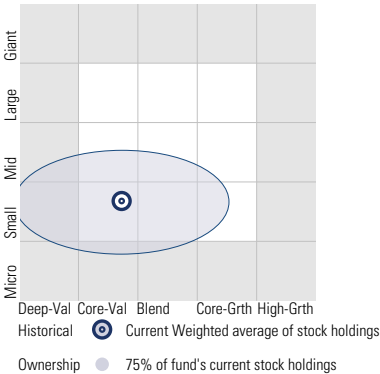
# Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category  
Small Value

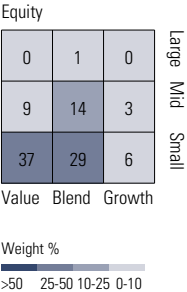
Morningstar Index  
Russell 2000 Value TR USD

Style Analysis as of 12-31-2024

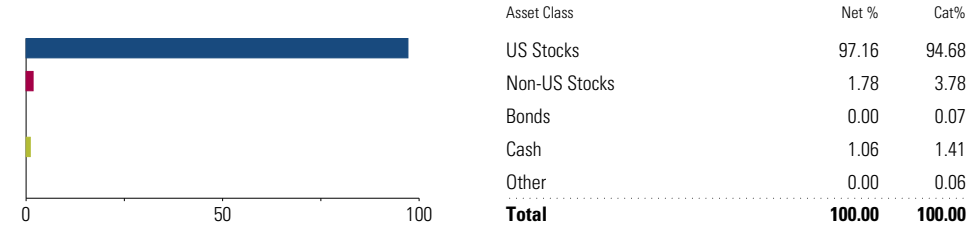
Morningstar Style Box™



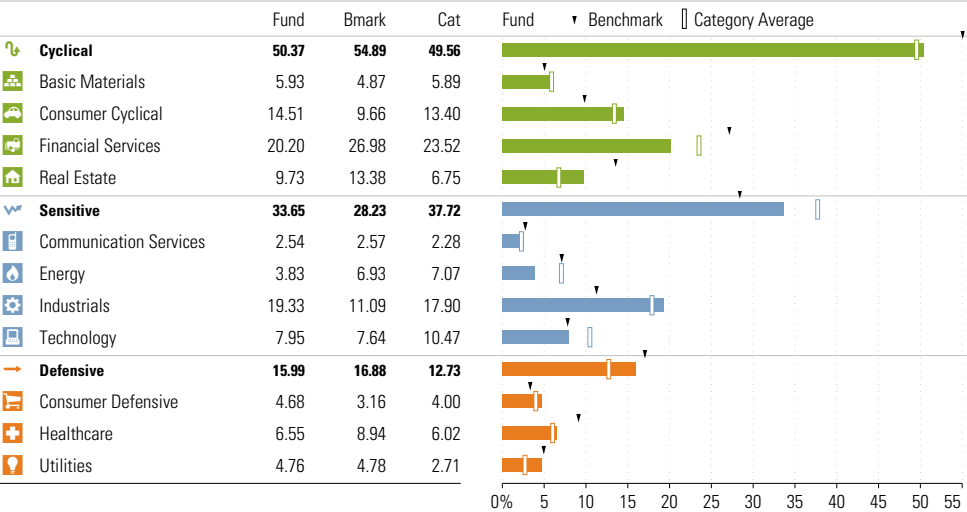
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Smurfit WestRock PLC	0.81	0.81	—	Consumer Cyclical
Slcmt1142	0.77	1.57	—	—
First Citizens BancShares Inc Class A	0.63	2.21	49.40	Financial Services
Expand Energy Corp Ordinary Shares - New	0.63	2.84	32.38	Energy
EMCOR Group Inc	0.60	3.44	111.13	Industrials
Atmos Energy Corp	0.58	4.02	23.00	Utilities
NRG Energy Inc	0.53	4.54	77.66	Utilities
Williams-Sonoma Inc	0.51	5.06	85.68	Consumer Cyclical
Carlisle Companies Inc	0.48	5.54	19.24	Industrials
Pentair PLC	0.48	6.02	39.68	Industrials
Builders FirstSource Inc	0.47	6.49	-14.38	Industrials
Booz Allen Hamilton Holding Corp Class A	0.47	6.96	—	Industrials
IDEX Corp	0.46	7.42	-2.35	Industrials
RPM International Inc	0.46	7.88	11.93	Basic Materials
Kimco Realty Corp	0.45	8.33	14.50	Real Estate

Total Holdings 842

⊕ 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 11.86 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 84.91% lower than the Target-Date 2020 category average.

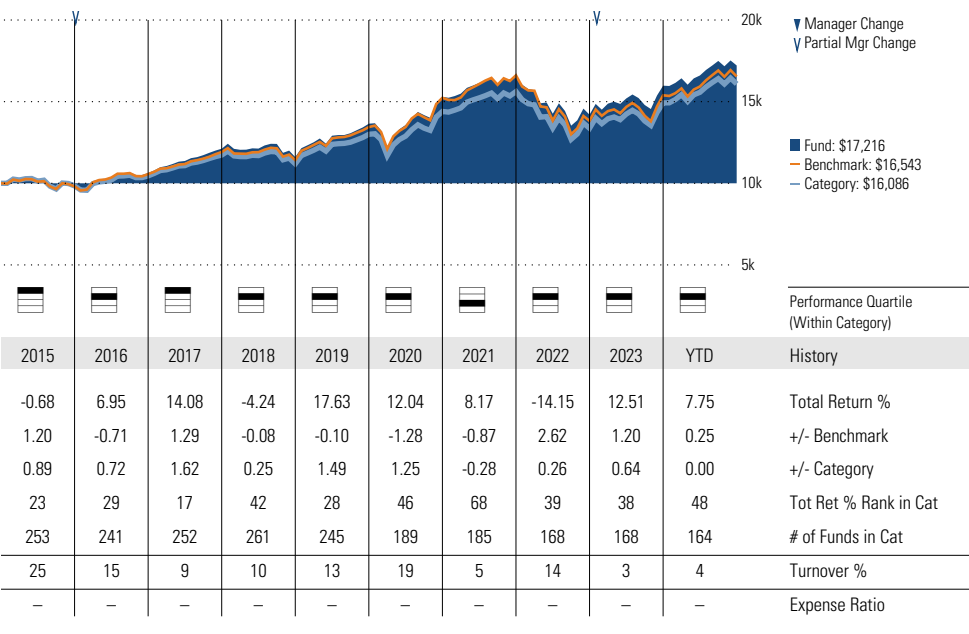
## Morningstar Investment Management LLC Analysis

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.

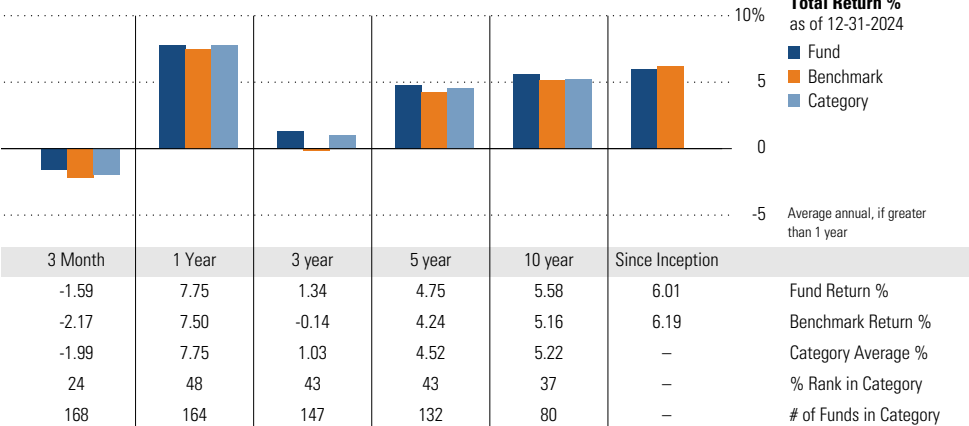
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	1-Low	02-15-2022

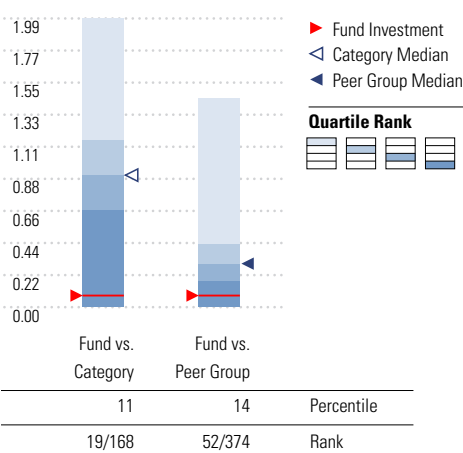
## Growth of \$10,000



## 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	1.37	-	1.10
Beta	0.86	-	0.89
R-Squared	99.00	-	98.62
Standard Deviation	10.27	11.92	10.67
Sharpe Ratio	-0.23	-0.31	-0.25
Tracking Error	1.99	-	1.91
Information Ratio	0.74	-	0.63
Up Capture Ratio	90.52	-	92.93
Down Capture Ratio	82.42	-	86.43

## Portfolio Metrics

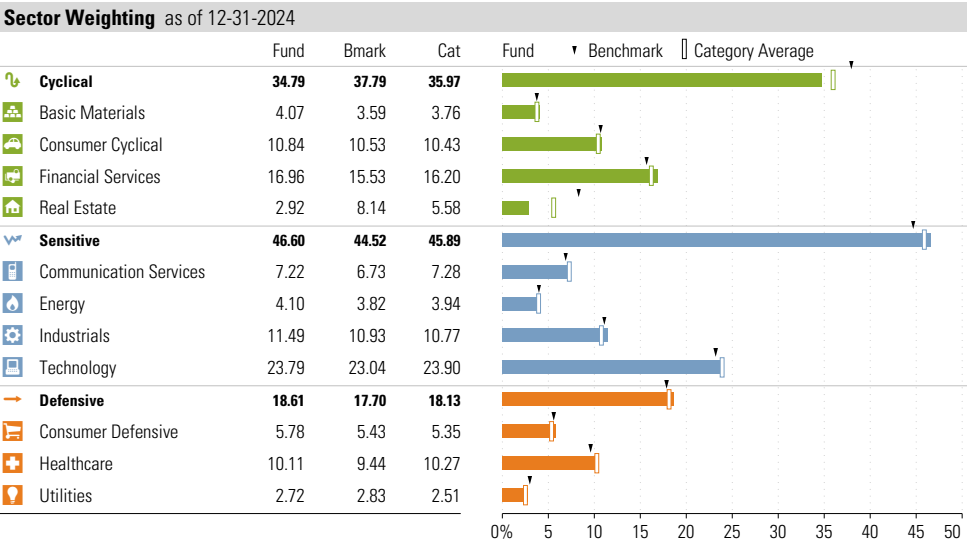
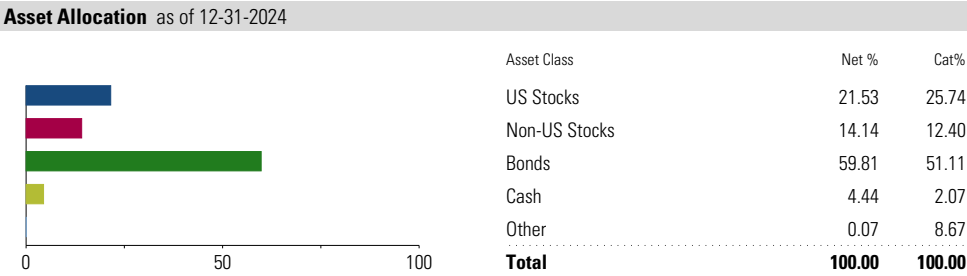
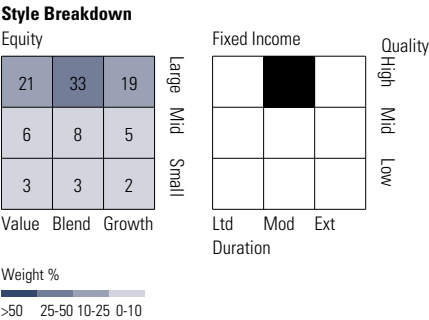
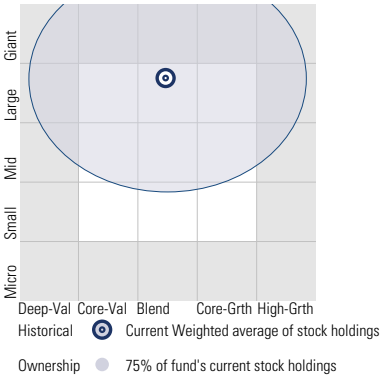
	Fund	Bmark	Cat
Price/Earnings Ratio	20.29	21.41	21.56
Price/Book Ratio	2.62	2.77	2.87
Avg Eff Duration	5.53	-	4.83

# Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category  
Target-Date 2020

Morningstar Index  
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 12-31-2024  
Morningstar Style Box™



Top 7 Holdings as of 12-31-2024						
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	
⊕ Vanguard Total Bond Market II Idx Inv	—	34.33	34.33	—	—	
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	21.64	55.97	—	—	
⊕ Vanguard Total Intl Bd II Idx Instl	—	15.22	71.19	—	—	
⊖ Vanguard Total Intl Stock Index Inv	—	14.46	85.66	—	—	
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	13.70	99.36	—	—	
⊖ Mktliq 12/31/2049	—	0.63	99.99	—	—	
⊖ Us Dollar	—	0.01	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  
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 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 11.86 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 2025 category average.

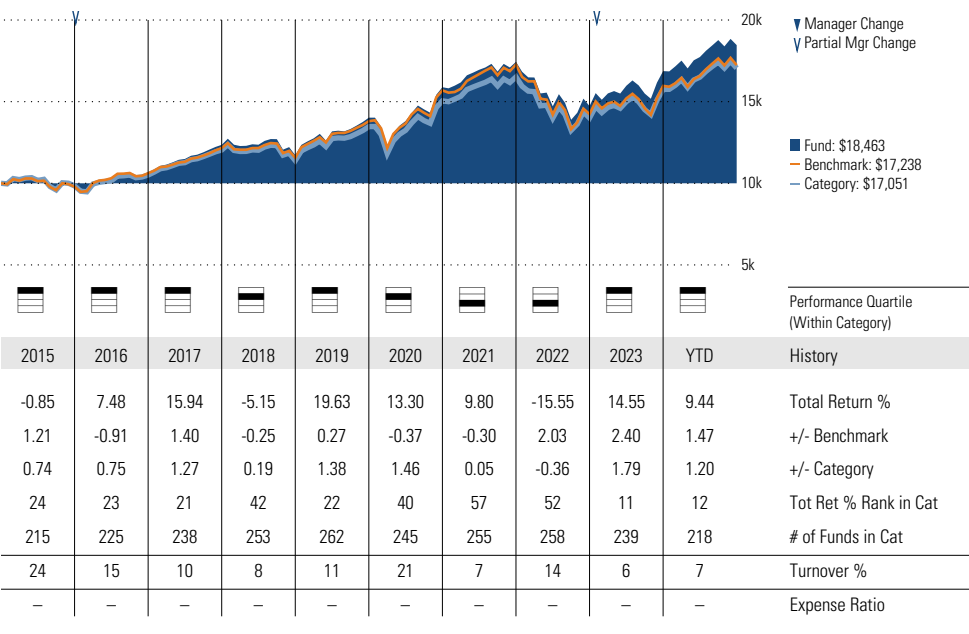
Morningstar Investment Management LLC Analysis

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.

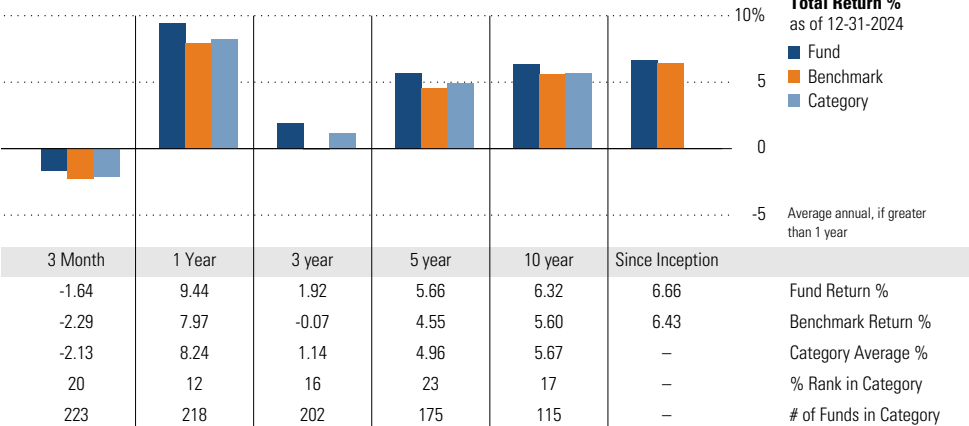
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

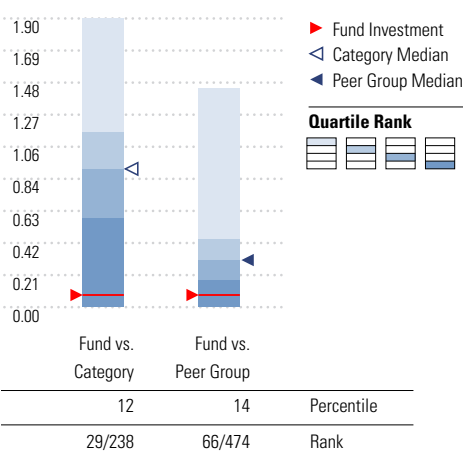
Growth of \$10,000



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	1.91	-	1.21
Beta	0.92	-	0.87
R-Squared	99.04	-	98.20
Standard Deviation	11.82	12.81	11.20
Sharpe Ratio	-0.14	-0.27	-0.21
Tracking Error	1.56	-	2.29
Information Ratio	1.27	-	0.63
Up Capture Ratio	97.82	-	90.35
Down Capture Ratio	87.42	-	83.70

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.34	21.21	21.70
Price/Book Ratio	2.63	2.74	2.89
Avg Eff Duration	5.80	-	4.84

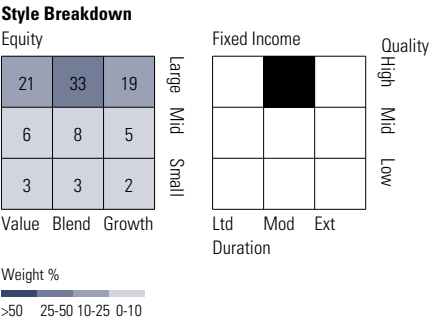
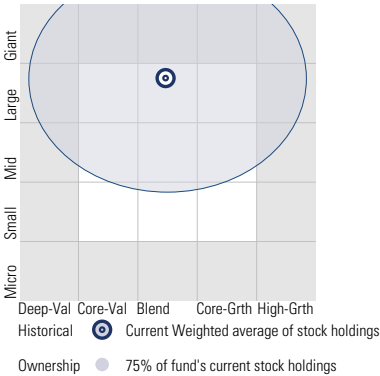
# Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category  
Target-Date 2025

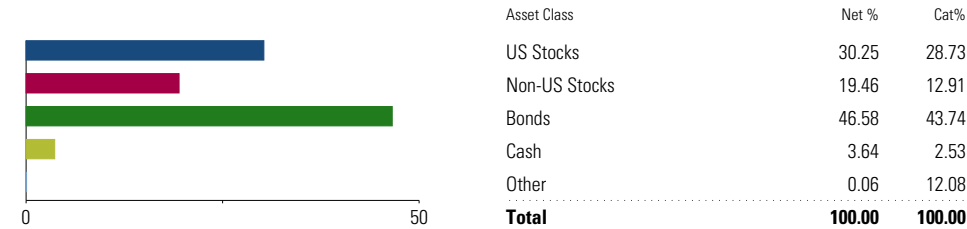
Morningstar Index  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 12-31-2024

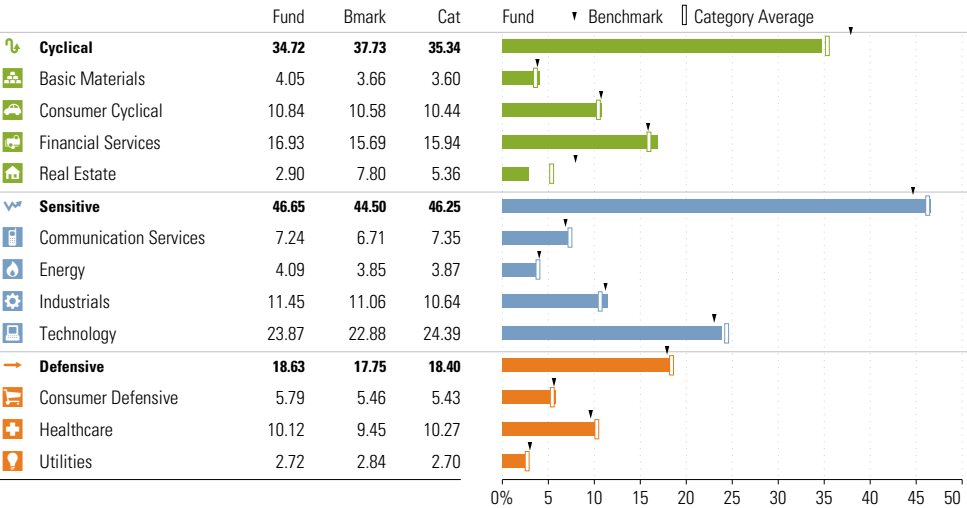
Morningstar Style Box™



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 7 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	30.41	30.41	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	29.25	59.65	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	19.90	79.55	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	12.90	92.45	—	—
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	7.00	99.45	—	—
⊖ Mktliq 12/31/2049	—	0.57	100.02	—	—
⊕ Us Dollar	—	0.02	100.04	—	—

## 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  
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 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 11.86 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 86.21% lower than the Target-Date 2030 category average.

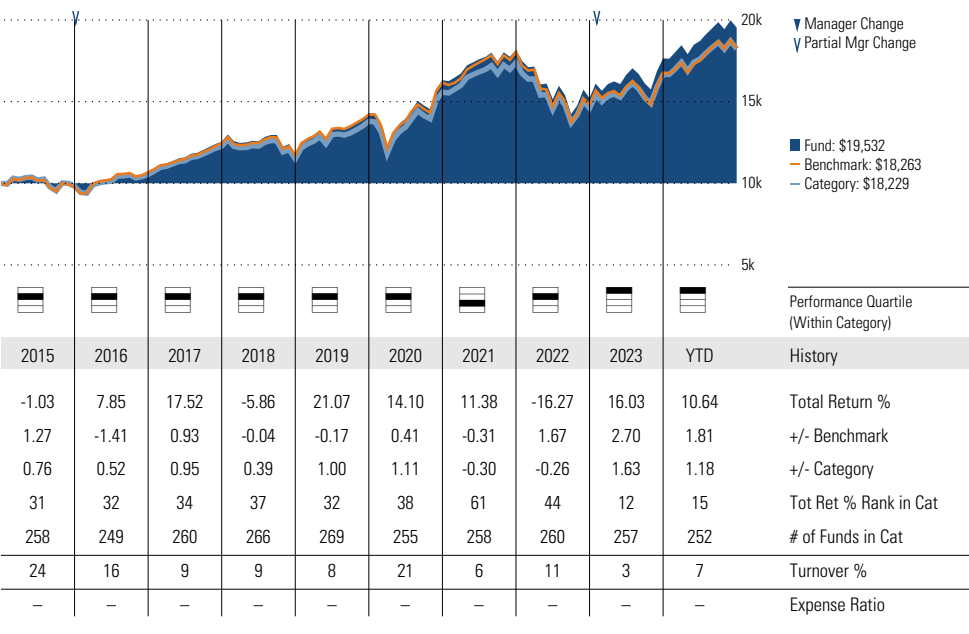
Morningstar Investment Management LLC Analysis

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.

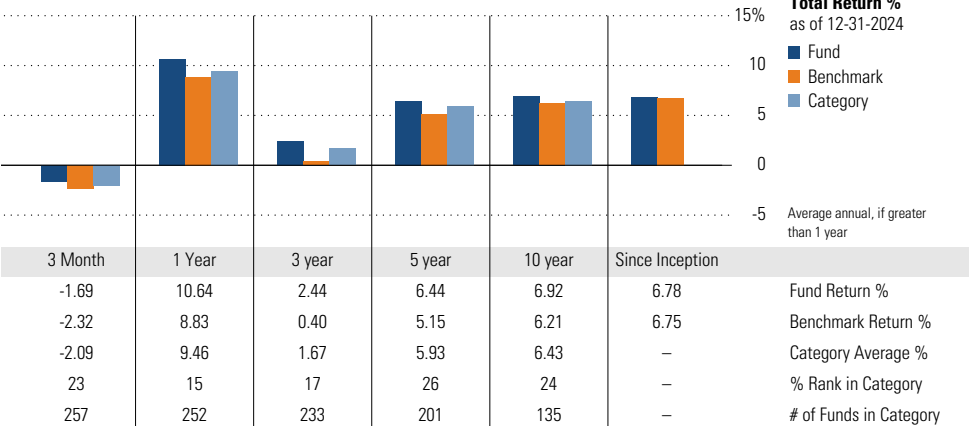
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

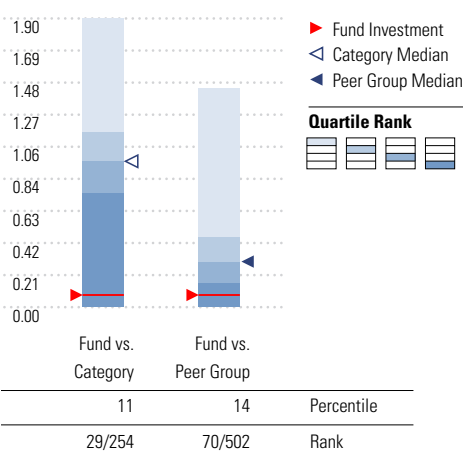
Growth of \$10,000



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	1.98	-	1.30
Beta	0.94	-	0.90
R-Squared	99.07	-	98.48
Standard Deviation	12.87	13.70	12.45
Sharpe Ratio	-0.08	-0.21	-0.14
Tracking Error	1.53	-	2.05
Information Ratio	1.33	-	0.71
Up Capture Ratio	99.41	-	93.95
Down Capture Ratio	89.37	-	87.36

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.46	21.01	21.75
Price/Book Ratio	2.66	2.70	2.98
Avg Eff Duration	6.30	-	5.41

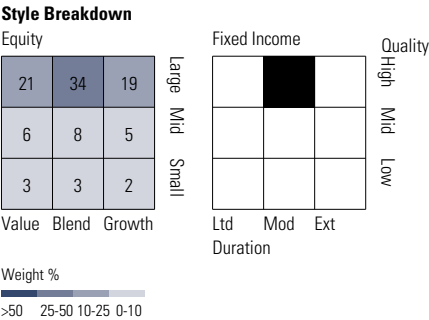
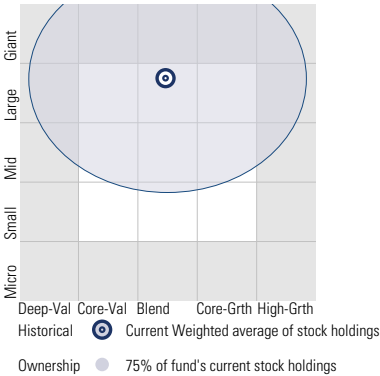
# Vanguard Target Retirement 2030 Fund VTHRX

Morningstar Category  
Target-Date 2030

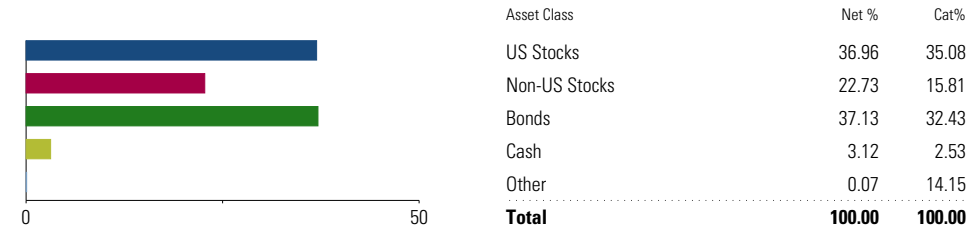
Morningstar Index  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2024

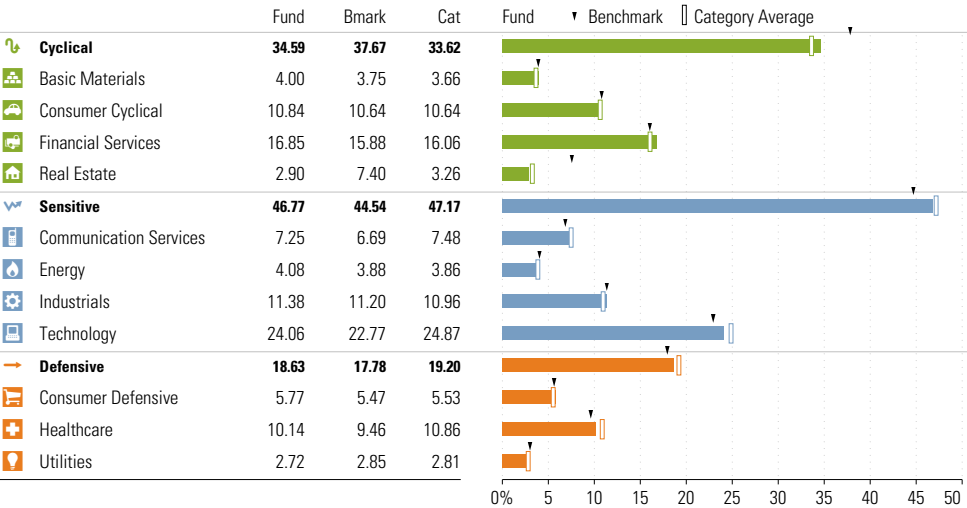
Morningstar Style Box™



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	37.15	37.15	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	27.28	64.43	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	23.23	87.66	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	11.73	99.39	—	—
⊖ Mktliq 12/31/2049	—	0.60	99.99	—	—
⊖ Us Dollar	—	0.01	100.00	—	—

## Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2035 Fund VTTHX

Morningstar Category  
Target-Date 2035

Morningstar Index  
Morningstar Lifetime Mod 2035 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 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 11.86 years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2035 category average.

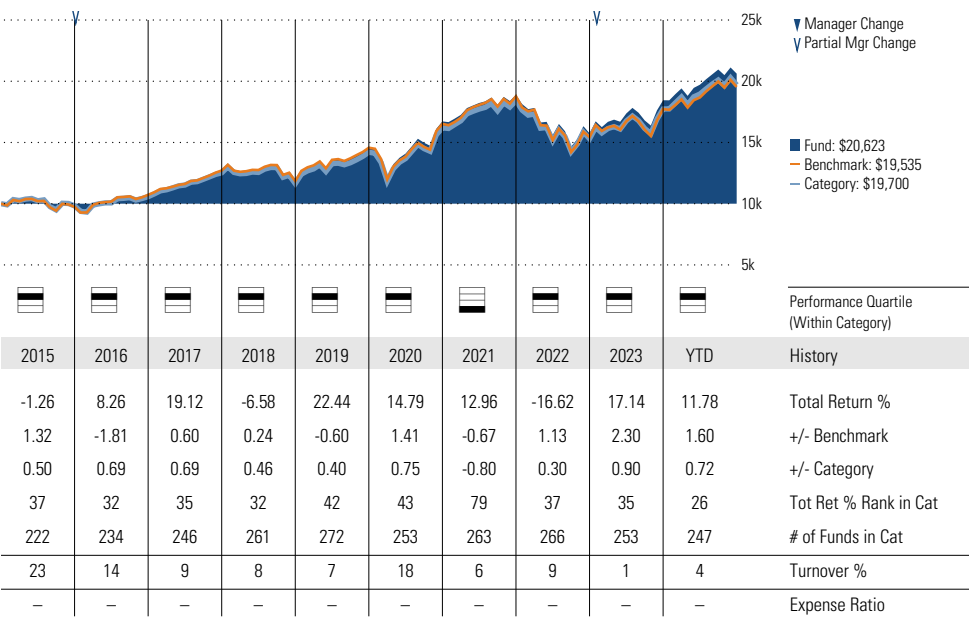
Morningstar Investment Management LLC Analysis

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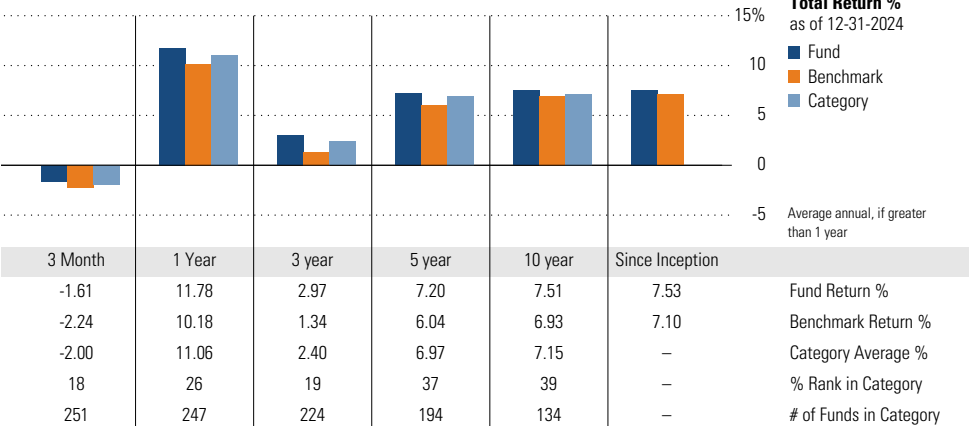
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

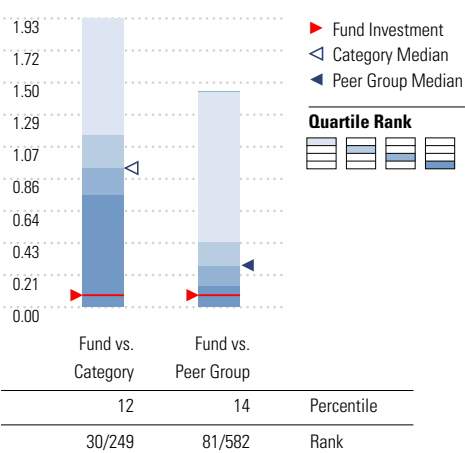
Growth of \$10,000



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	1.64	-	1.19
Beta	0.93	-	0.94
R-Squared	99.07	-	98.44
Standard Deviation	13.65	14.58	13.75
Sharpe Ratio	-0.03	-0.13	-0.06
Tracking Error	1.65	-	1.95
Information Ratio	0.99	-	0.61
Up Capture Ratio	97.54	-	96.74
Down Capture Ratio	89.80	-	91.15

Portfolio Metrics

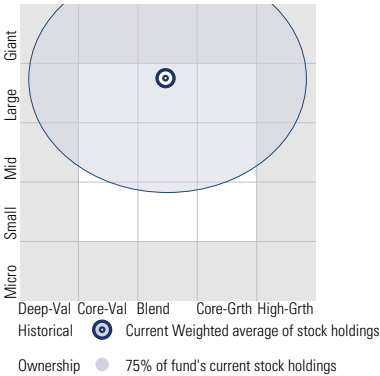
	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	20.81	21.64
Price/Book Ratio	2.65	2.67	2.95
Avg Eff Duration	6.30	-	6.30

Vanguard Target Retirement 2035 Fund VTTHX

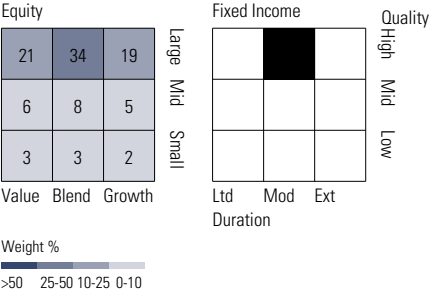
Morningstar Category  
Target-Date 2035

Morningstar Index  
Morningstar Lifetime Mod 2035 TR USD

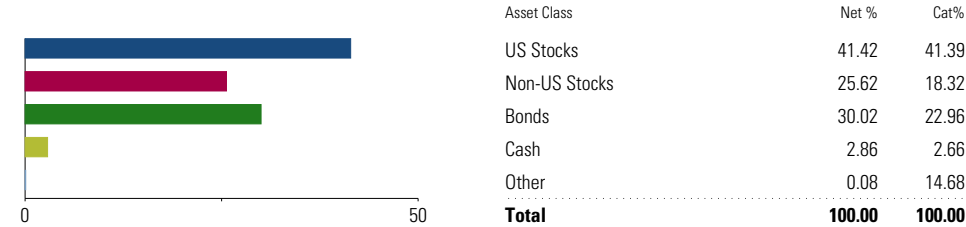
Style Analysis as of 12-31-2024  
Morningstar Style Box™



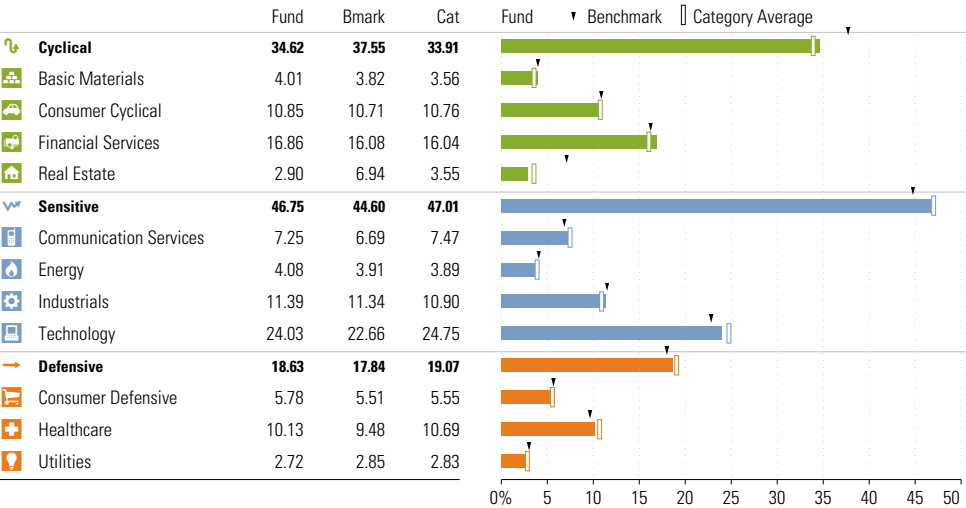
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	41.63	41.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	26.19	67.82	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	22.04	89.86	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	9.51	99.37	—	—
⊖ Mktliq 12/31/2049	—	0.62	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  
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 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 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2040 category average.

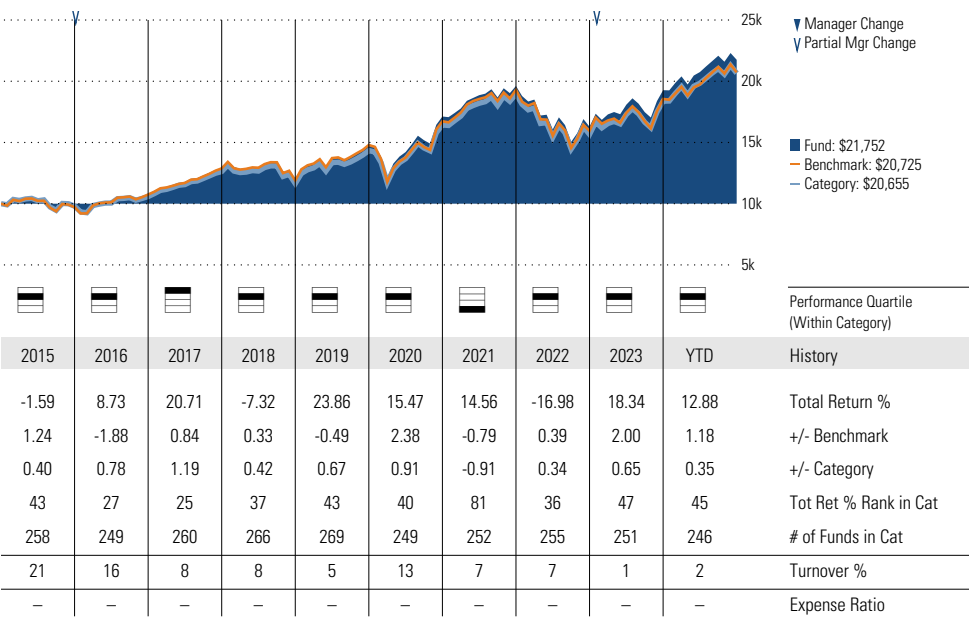
Morningstar Investment Management LLC Analysis

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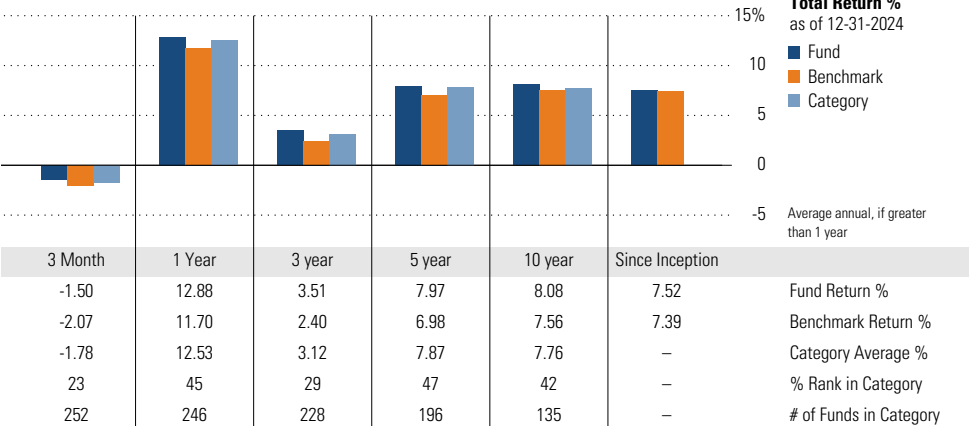
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

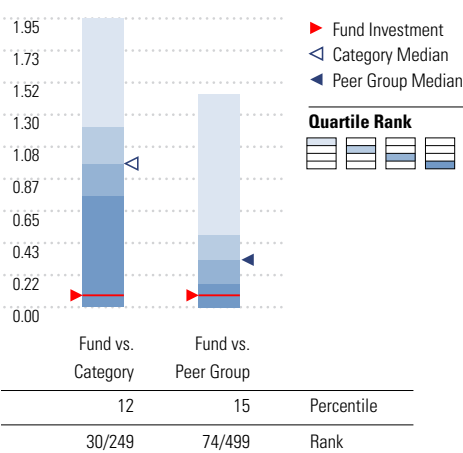
Growth of \$10,000



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	1.17	-	0.85
Beta	0.93	-	0.96
R-Squared	99.01	-	98.39
Standard Deviation	14.42	15.35	14.78
Sharpe Ratio	0.02	-0.04	0.00
Tracking Error	1.75	-	2.05
Information Ratio	0.63	-	0.40
Up Capture Ratio	96.38	-	97.62
Down Capture Ratio	91.13	-	93.86

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.47	20.61	21.47
Price/Book Ratio	2.66	2.64	2.91
Avg Eff Duration	6.30	-	7.01

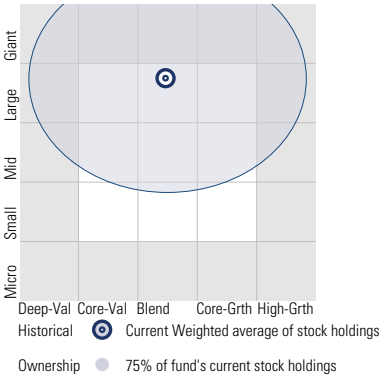
# Vanguard Target Retirement 2040 Fund VFORX

Morningstar Category  
Target-Date 2040

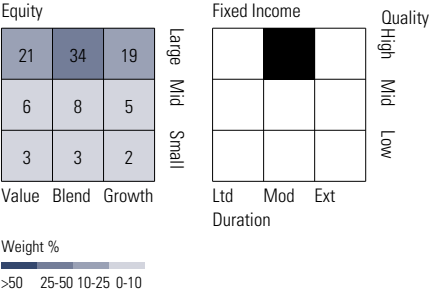
Morningstar Index  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 12-31-2024

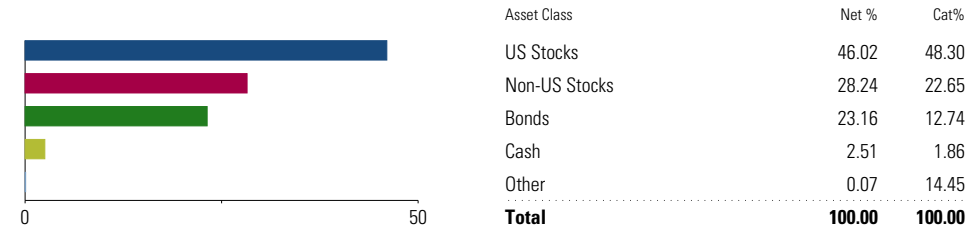
Morningstar Style Box™



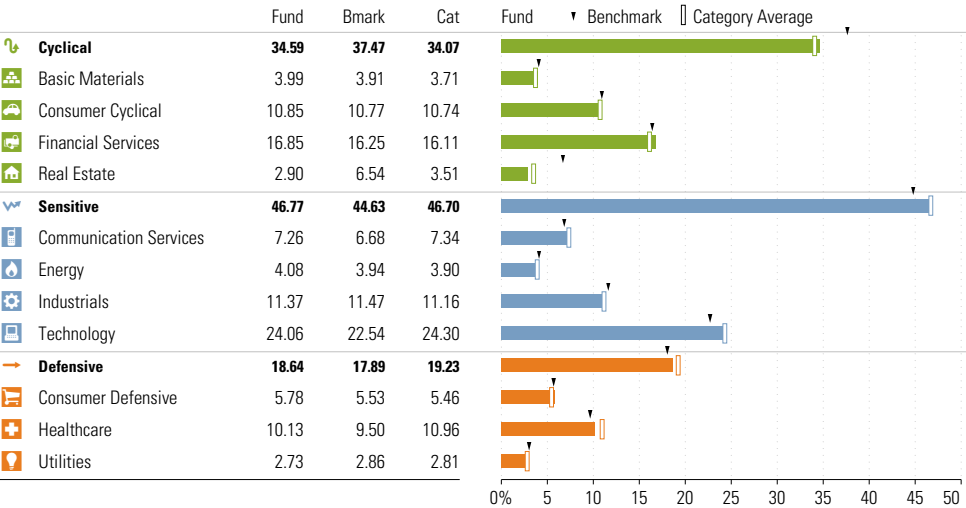
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	46.26	46.26	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	28.87	75.13	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	16.97	92.09	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	7.36	99.45	—	—
⊖ Mktliq 12/31/2049	—	0.51	99.96	—	—
⊖ Us Dollar	—	0.04	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  
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 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 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2045 category average.

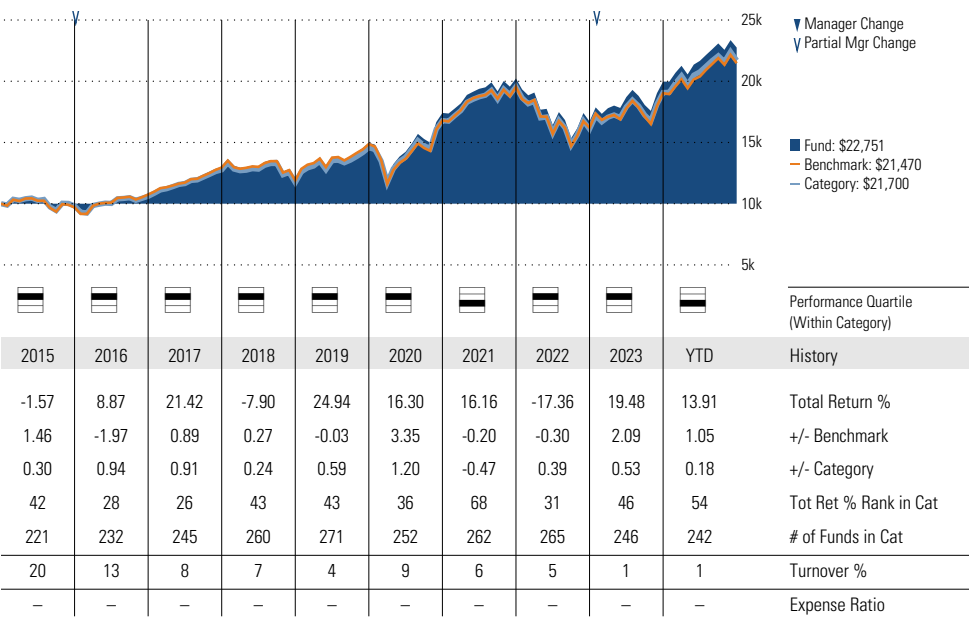
Morningstar Investment Management LLC Analysis

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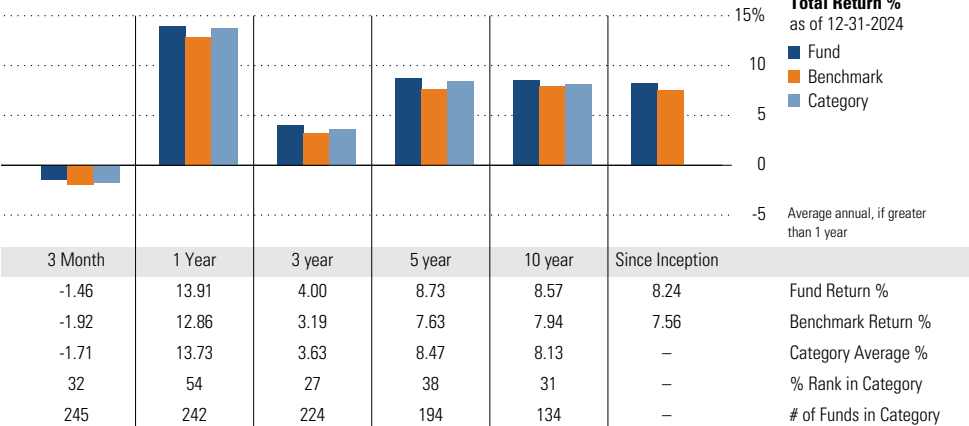
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

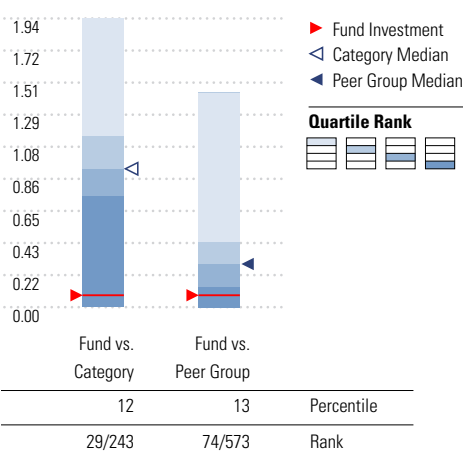
Growth of \$10,000



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	0.89	-	0.55
Beta	0.95	-	0.97
R-Squared	98.94	-	98.35
Standard Deviation	15.22	15.91	15.53
Sharpe Ratio	0.06	0.01	0.04
Tracking Error	1.75	-	2.07
Information Ratio	0.46	-	0.22
Up Capture Ratio	97.38	-	98.24
Down Capture Ratio	93.57	-	95.97

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	20.43	21.25
Price/Book Ratio	2.65	2.60	2.85
Avg Eff Duration	6.31	-	7.71

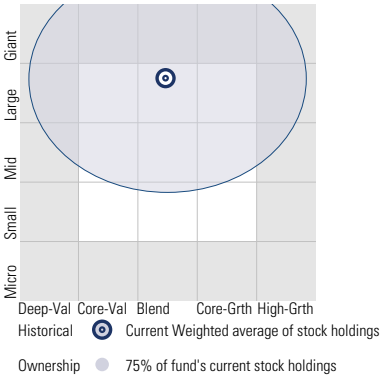
Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category  
Target-Date 2045

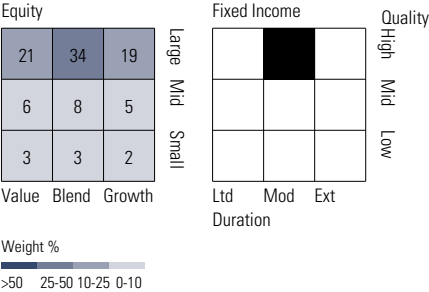
Morningstar Index  
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 12-31-2024

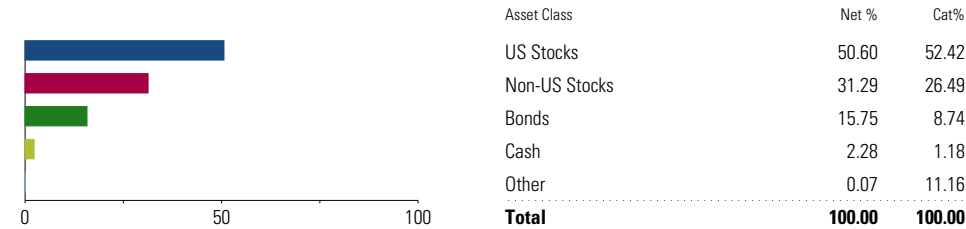
Morningstar Style Box™



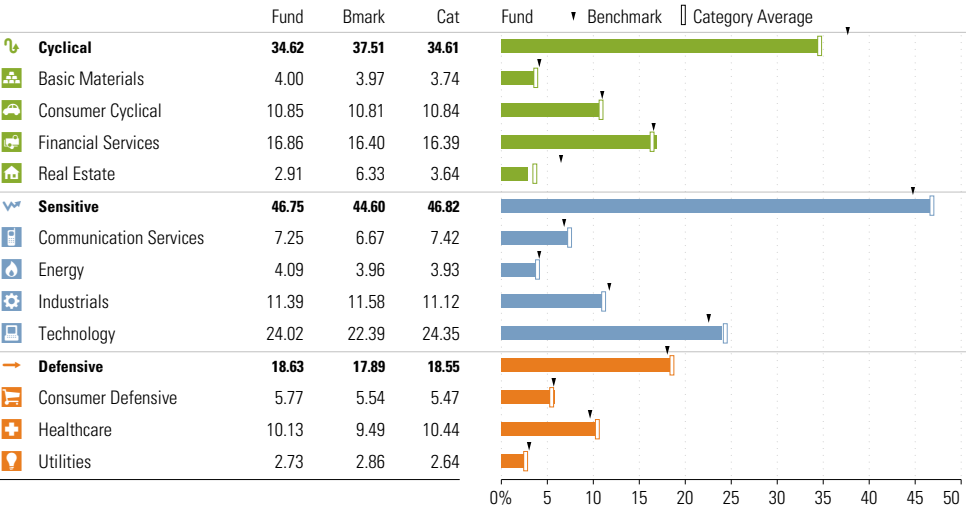
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	50.86	50.86	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	31.99	82.85	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	11.47	94.32	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	5.07	99.40	—	—
⊕ Mktliq 12/31/2049	—	0.59	99.99	—	—
⊖ Us Dollar	—	0.01	100.00	—	—

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category  
Target-Date 2050

Morningstar Index  
Morningstar Lifetime Mod 2050 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 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 11.86 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 2050 category average.

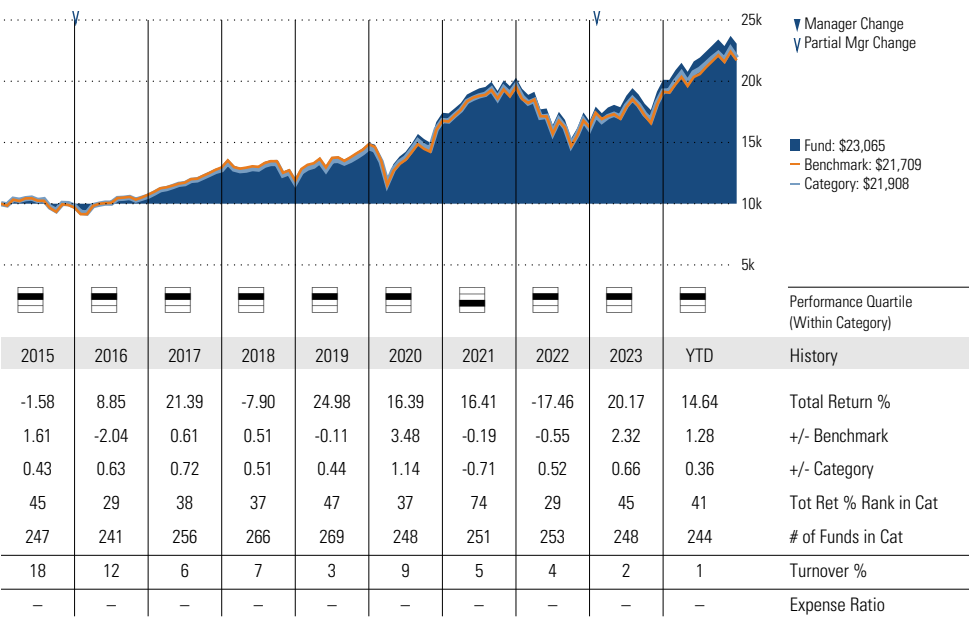
Morningstar Investment Management LLC Analysis

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.

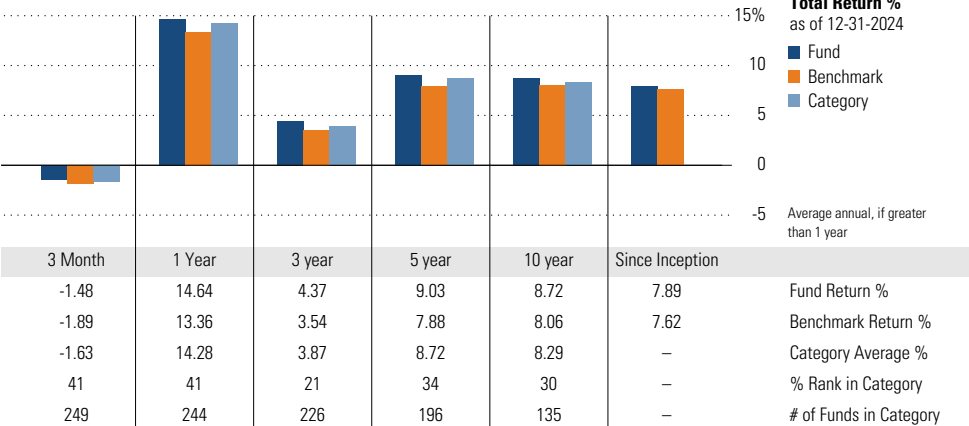
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

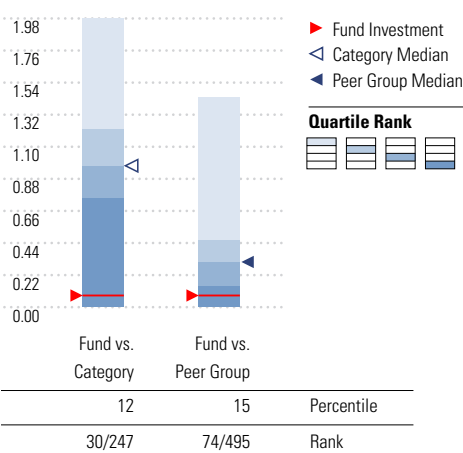
Growth of \$10,000



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	0.90	-	0.43
Beta	0.96	-	0.98
R-Squared	98.90	-	98.27
Standard Deviation	15.63	16.16	15.94
Sharpe Ratio	0.08	0.04	0.06
Tracking Error	1.75	-	2.12
Information Ratio	0.48	-	0.16
Up Capture Ratio	98.54	-	98.98
Down Capture Ratio	94.77	-	97.27

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.44	20.27	21.24
Price/Book Ratio	2.65	2.57	2.86
Avg Eff Duration	6.31	-	8.76

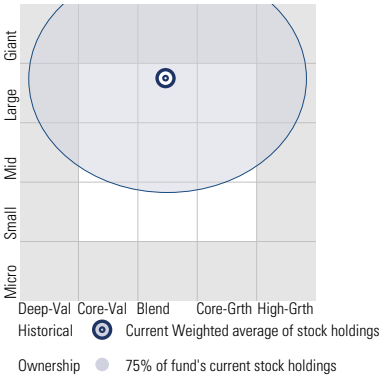
# Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category  
Target-Date 2050

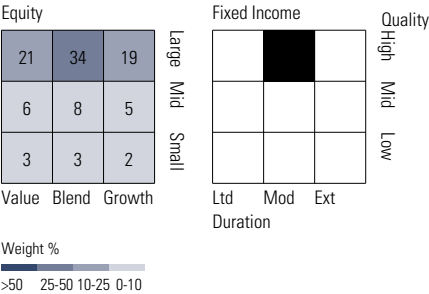
Morningstar Index  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 12-31-2024

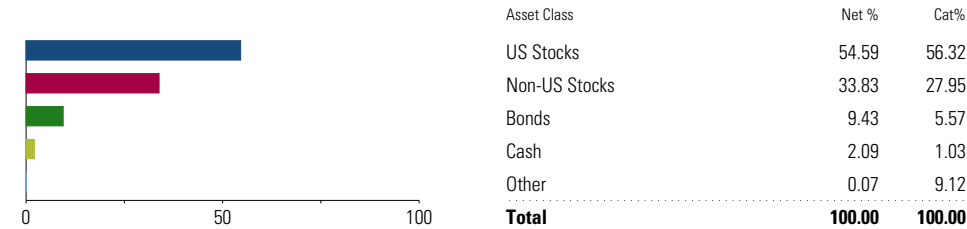
Morningstar Style Box™



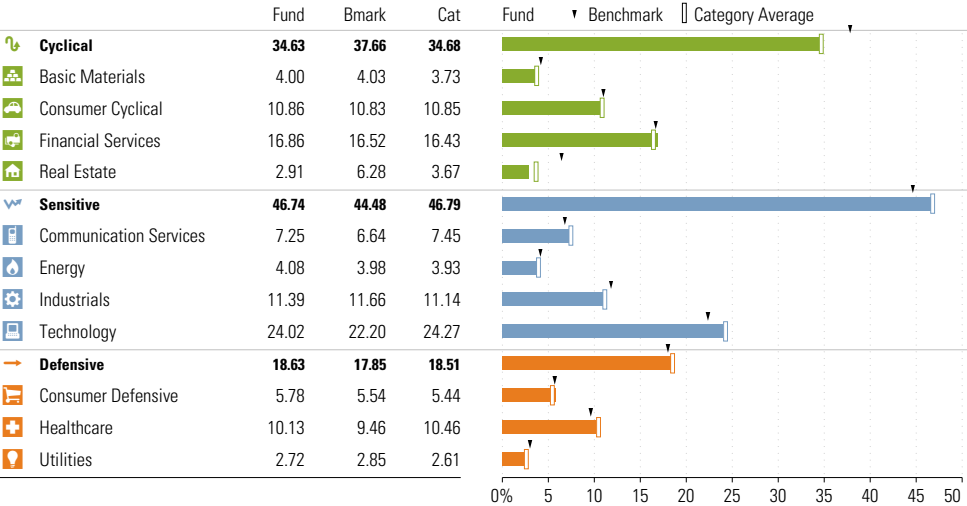
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	54.87	54.87	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	34.58	89.45	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	6.81	96.26	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	3.09	99.35	—	—
⊖ Mktliq 12/31/2049	—	0.63	99.98	—	—
⊖ Us Dollar	—	0.02	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  
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 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 11.86 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 2055 category average.

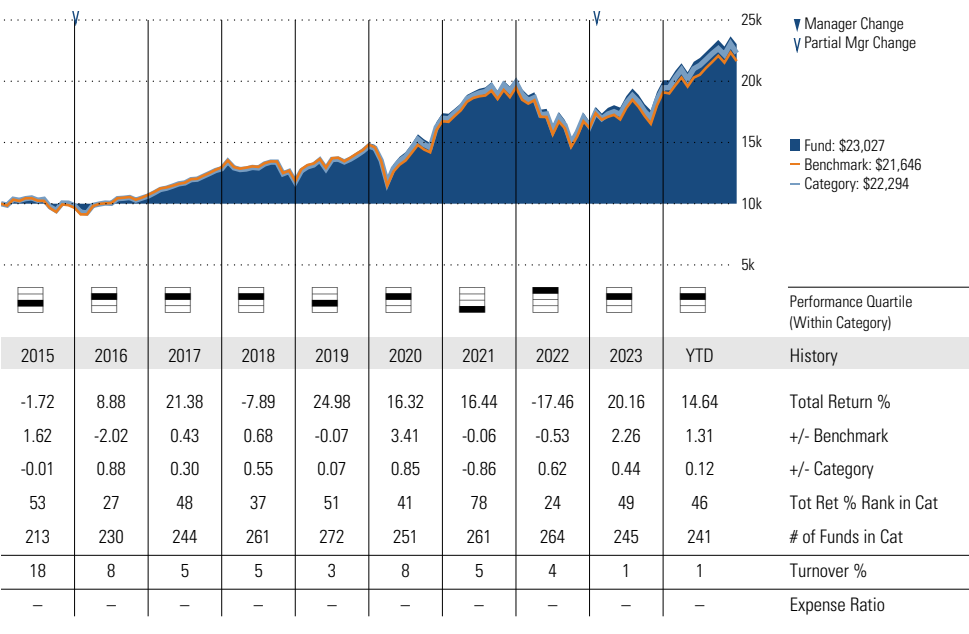
Morningstar Investment Management LLC Analysis

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.

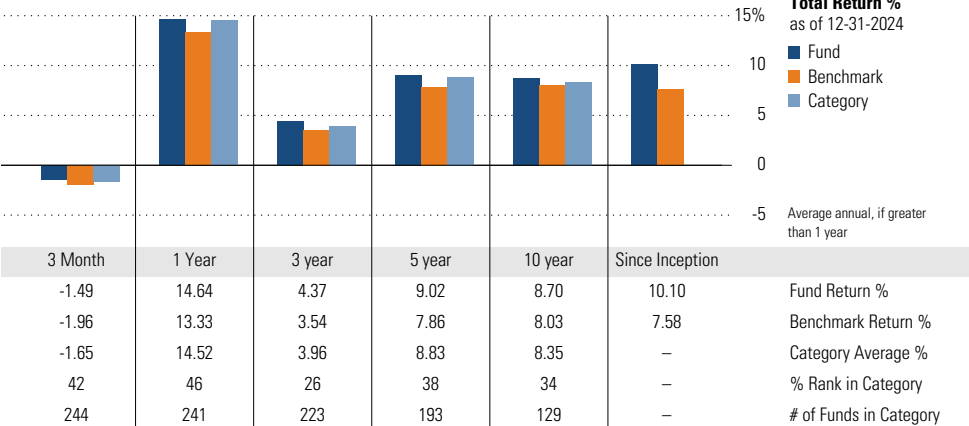
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

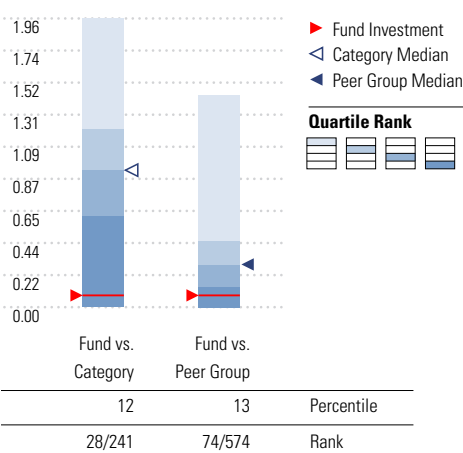
Growth of \$10,000



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	0.91	-	0.55
Beta	0.96	-	0.98
R-Squared	98.87	-	98.24
Standard Deviation	15.64	16.24	16.09
Sharpe Ratio	0.08	0.04	0.07
Tracking Error	1.80	-	2.16
Information Ratio	0.46	-	0.20
Up Capture Ratio	98.20	-	99.73
Down Capture Ratio	94.41	-	97.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.44	20.12	21.22
Price/Book Ratio	2.65	2.54	2.84
Avg Eff Duration	6.31	-	9.54

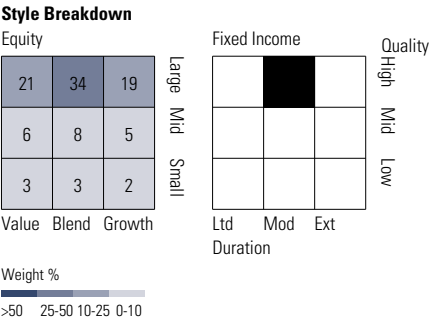
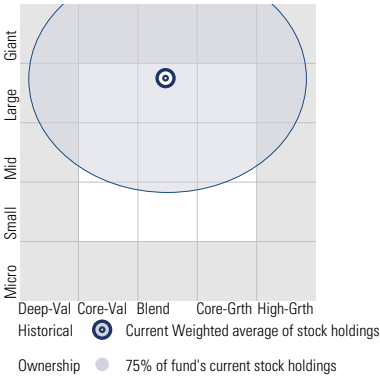
# Vanguard Target Retirement 2055 Fund VFFVX

Morningstar Category  
Target-Date 2055

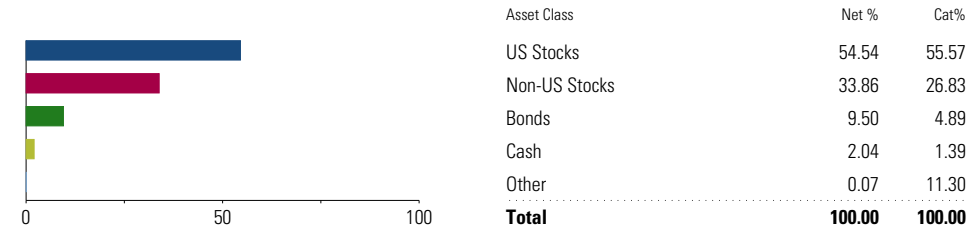
Morningstar Index  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 12-31-2024

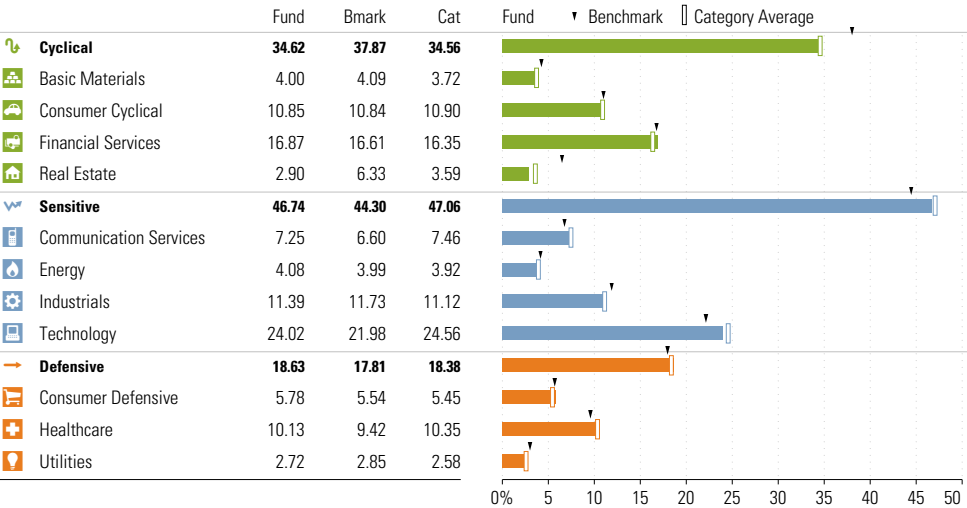
Morningstar Style Box™



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	54.82	54.82	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	34.61	89.43	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	6.88	96.31	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	3.10	99.40	—	—
⊖ Mktliq 12/31/2049	—	0.58	99.99	—	—
⊖ Us Dollar	—	0.01	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  
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 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 11.86 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 2060 category average.

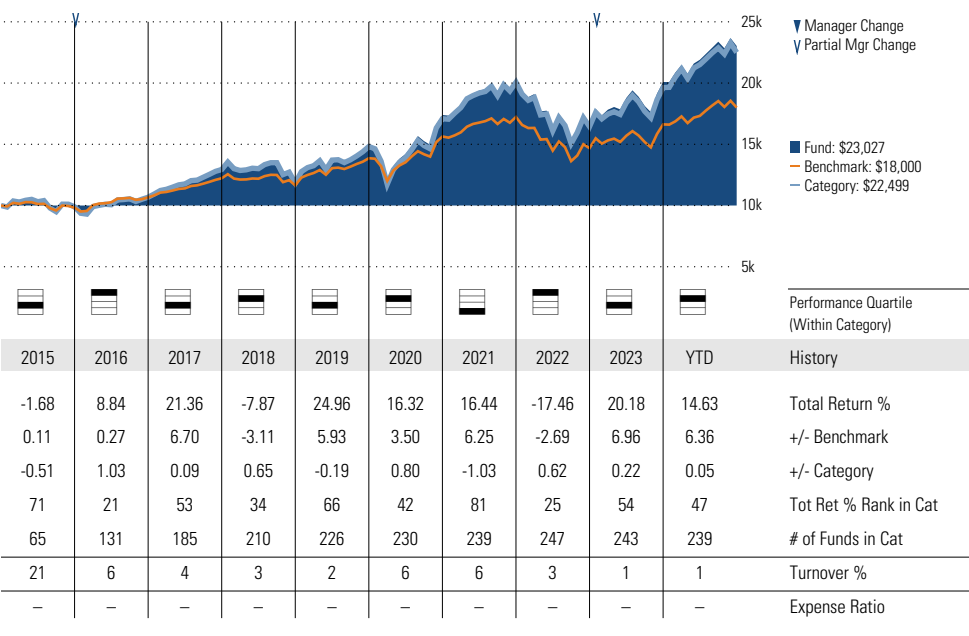
Morningstar Investment Management LLC Analysis

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.

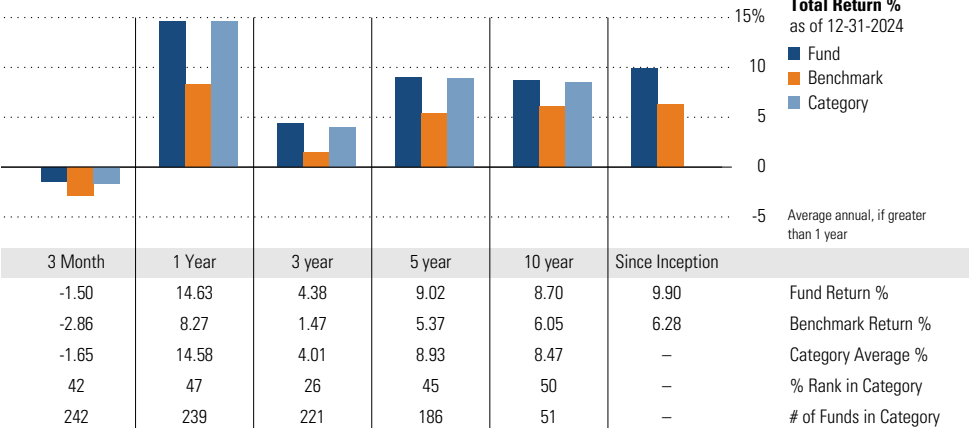
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

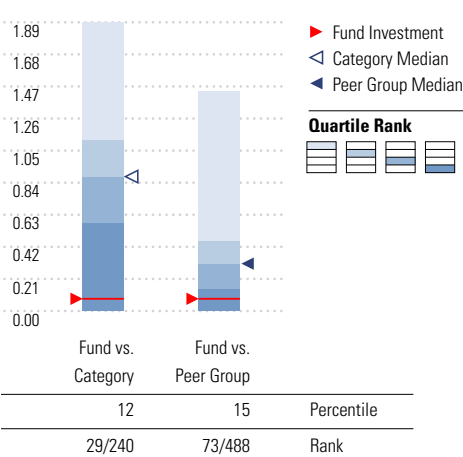
Growth of \$10,000



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	2.75	-	2.48
Beta	1.21	-	1.25
R-Squared	97.56	-	96.37
Standard Deviation	15.63	12.70	16.18
Sharpe Ratio	0.08	-0.15	0.07
Tracking Error	3.66	-	4.43
Information Ratio	0.79	-	0.58
Up Capture Ratio	131.60	-	134.54
Down Capture Ratio	117.29	-	121.83

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.40	19.69	21.26
Price/Book Ratio	2.64	2.42	2.85
Avg Eff Duration	6.31	-	8.97

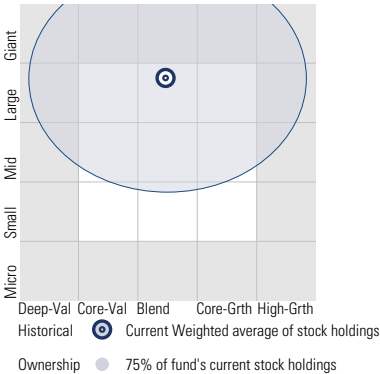
# Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category  
Target-Date 2060

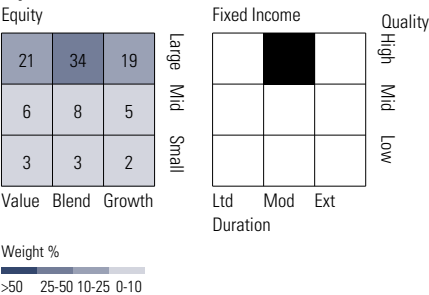
Morningstar Index  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2024

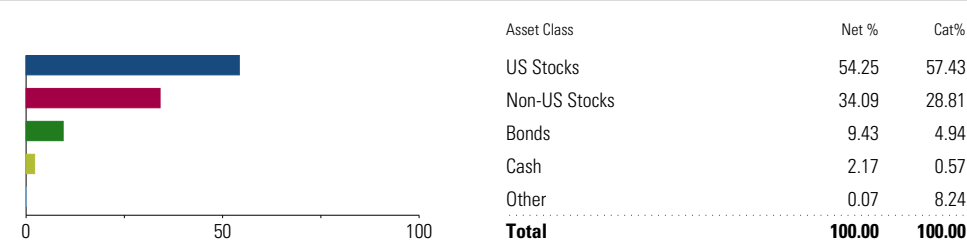
Morningstar Style Box™



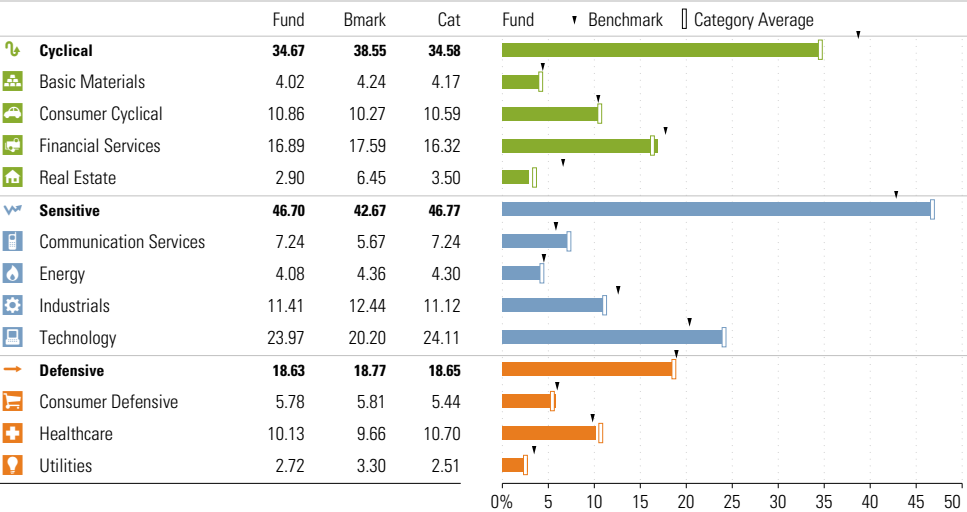
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	54.52	54.52	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	34.85	89.38	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	6.83	96.21	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	3.07	99.28	—	—
⊖ Mktliq 12/31/2049	—	0.71	99.99	—	—
⊖ Us Dollar	—	0.01	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  
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 2065+ category's top three quartiles in 5 of the 7 years it's been in existence.
- Management: The fund's management has been in place for 7.48 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 2065+ category average.

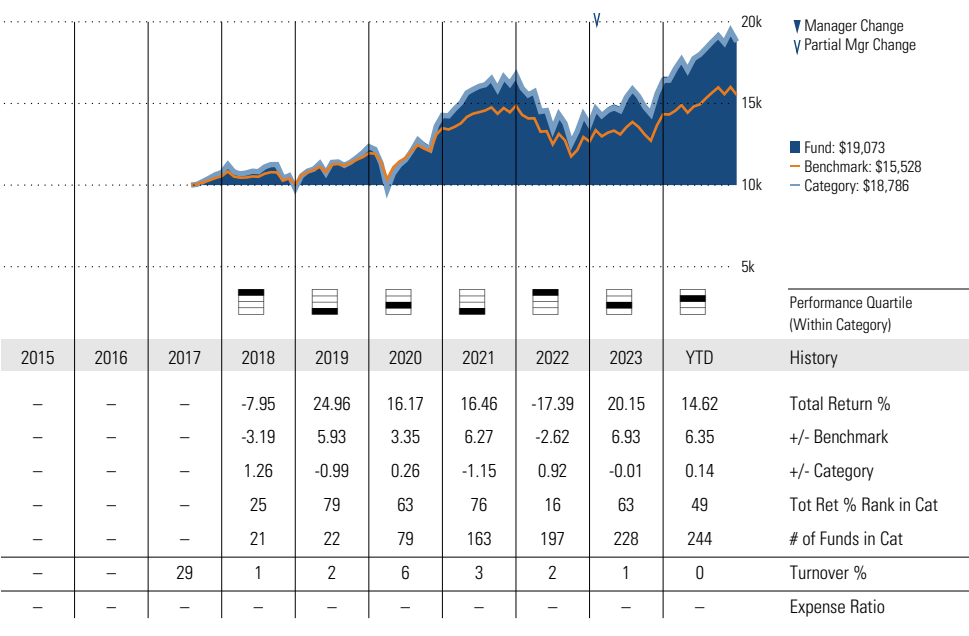
Morningstar Investment Management LLC Analysis

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.

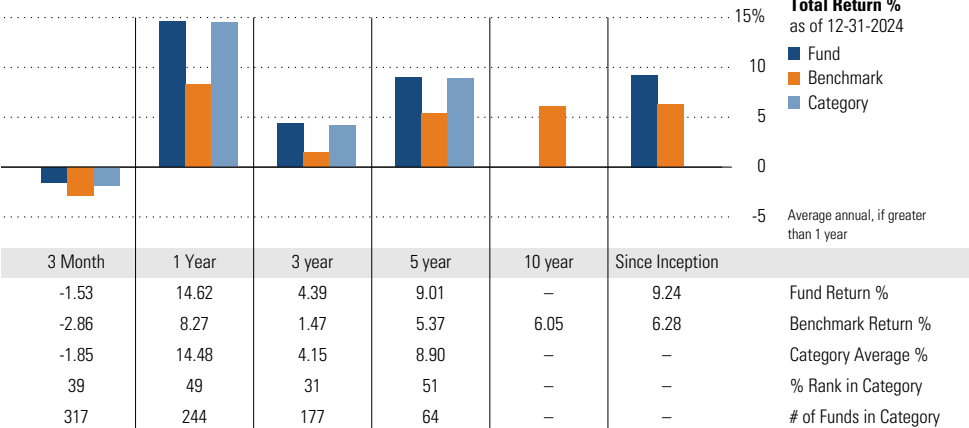
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

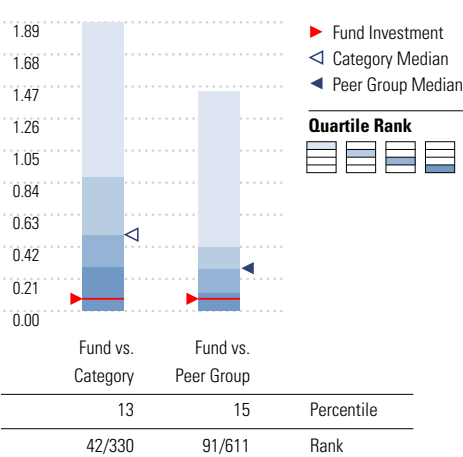
Growth of \$10,000



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	-	2.88
Beta	1.21	-	1.25
R-Squared	97.58	-	95.78
Standard Deviation	15.61	12.70	16.67
Sharpe Ratio	0.08	-0.15	0.08
Tracking Error	3.65	-	4.98
Information Ratio	0.80	-	0.59
Up Capture Ratio	131.53	-	135.46
Down Capture Ratio	117.13	-	121.25

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.31	19.69	20.75
Price/Book Ratio	2.62	2.42	2.73
Avg Eff Duration	6.33	-	9.10

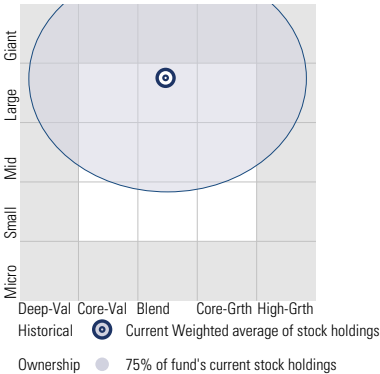
# Vanguard Target Retirement 2065 Fund

VLXVX

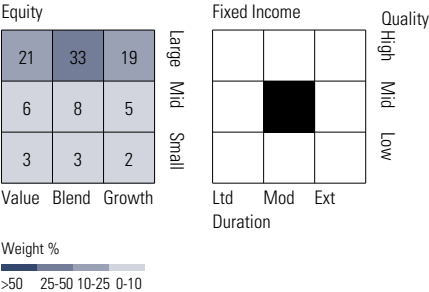
Morningstar Category  
Target-Date 2065+  
Morningstar Index  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2024

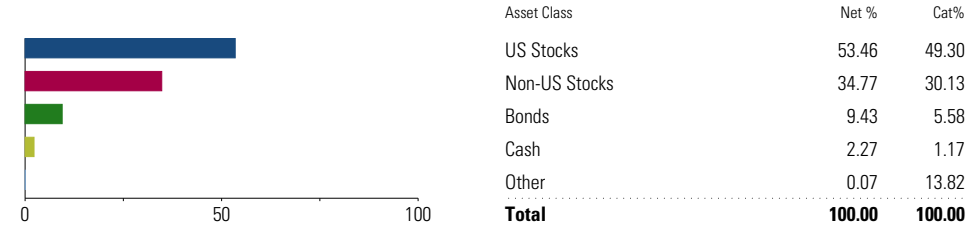
Morningstar Style Box™



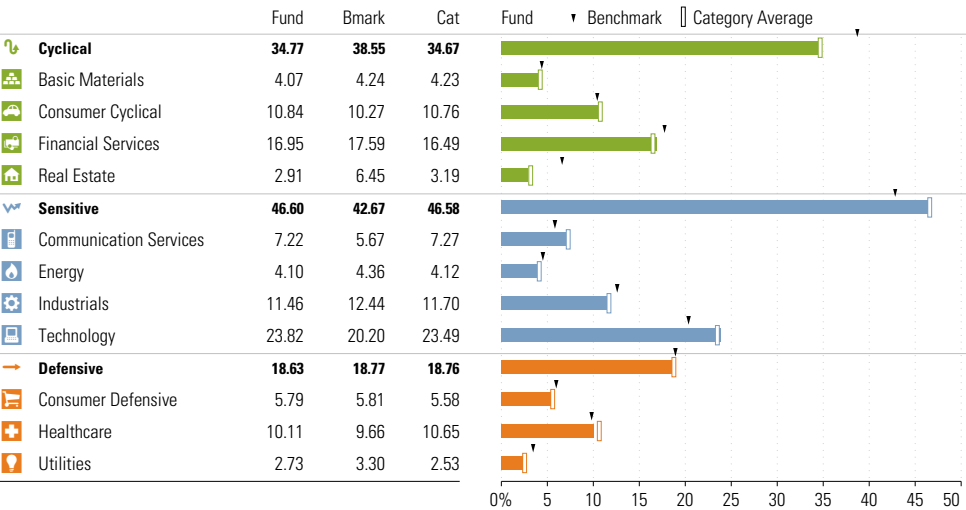
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	53.72	53.72	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.55	89.28	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	6.83	96.11	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	3.07	99.18	—	—
⊖ Mktliq 12/31/2049	—	0.78	99.96	—	—
⊖ Us Dollar	—	0.04	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  
Aur lie 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 85.96% lower than the Target-Date 2065+ category average.

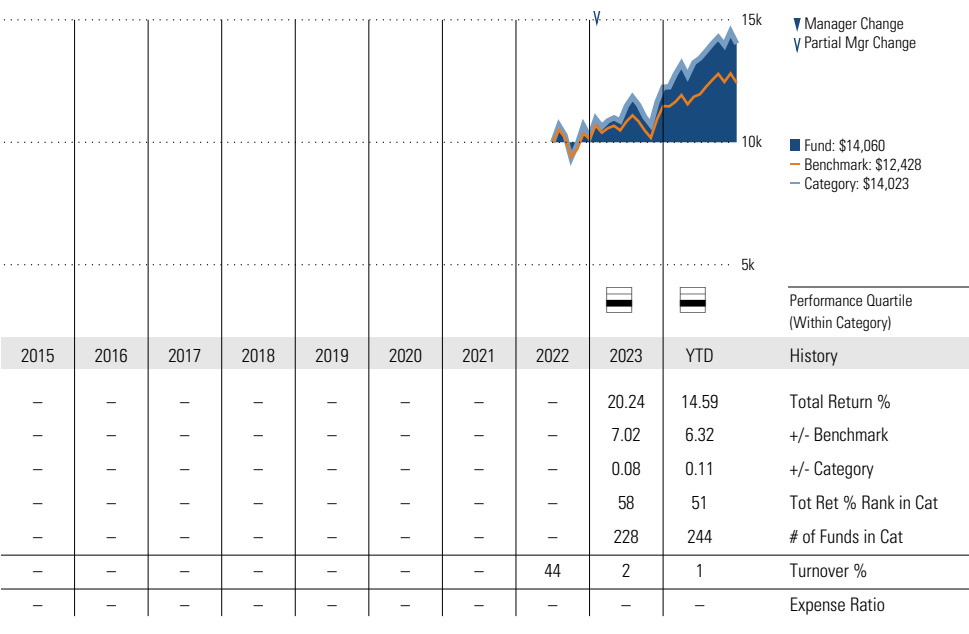
Morningstar Investment Management LLC Analysis

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

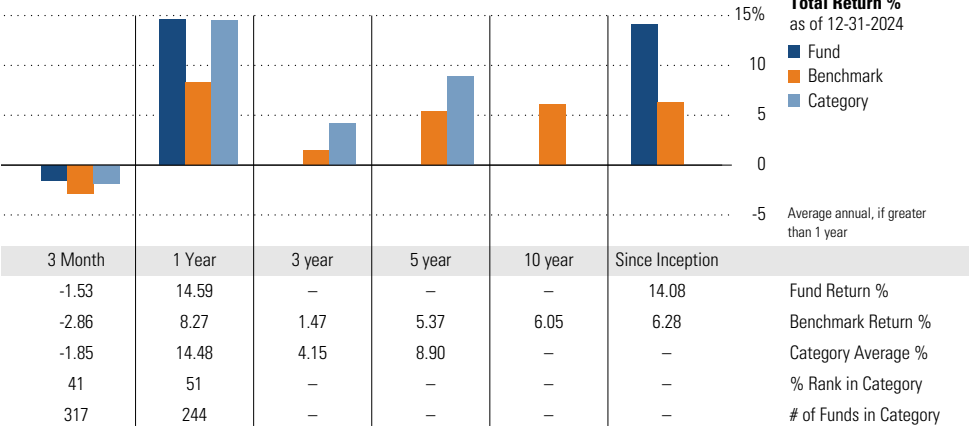
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022

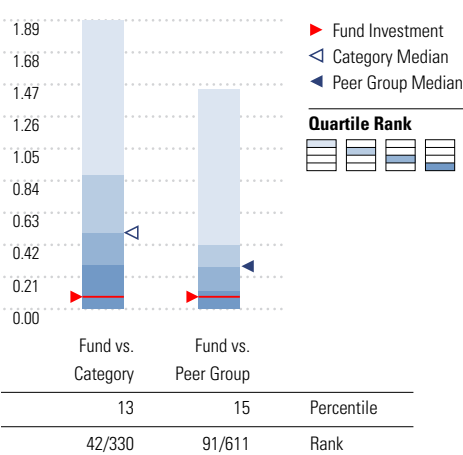
Growth of \$10,000



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	-	-	2.88
Beta	-	-	1.25
R-Squared	-	-	95.78
Standard Deviation	-	12.70	16.67
Sharpe Ratio	-	-0.15	0.08
Tracking Error	-	-	4.98
Information Ratio	-	-	0.59
Up Capture Ratio	-	-	135.46
Down Capture Ratio	-	-	121.25

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.36	19.69	20.75
Price/Book Ratio	2.63	2.42	2.73
Avg Eff Duration	6.33	-	9.10

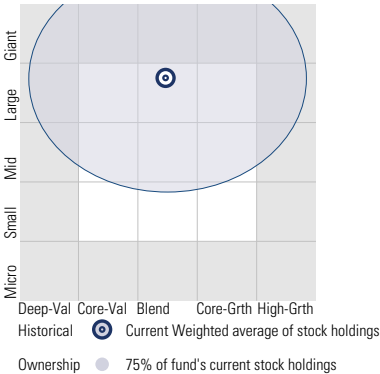
# Vanguard Target Retirement 2070 Fund VSVNX

Morningstar Category  
Target-Date 2065+

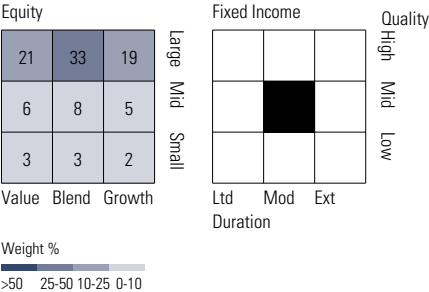
Morningstar Index  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2024

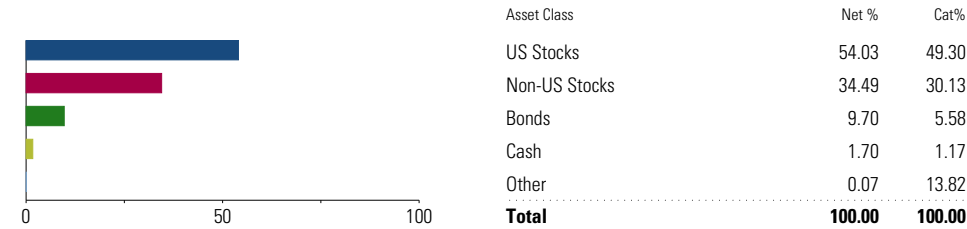
Morningstar Style Box™



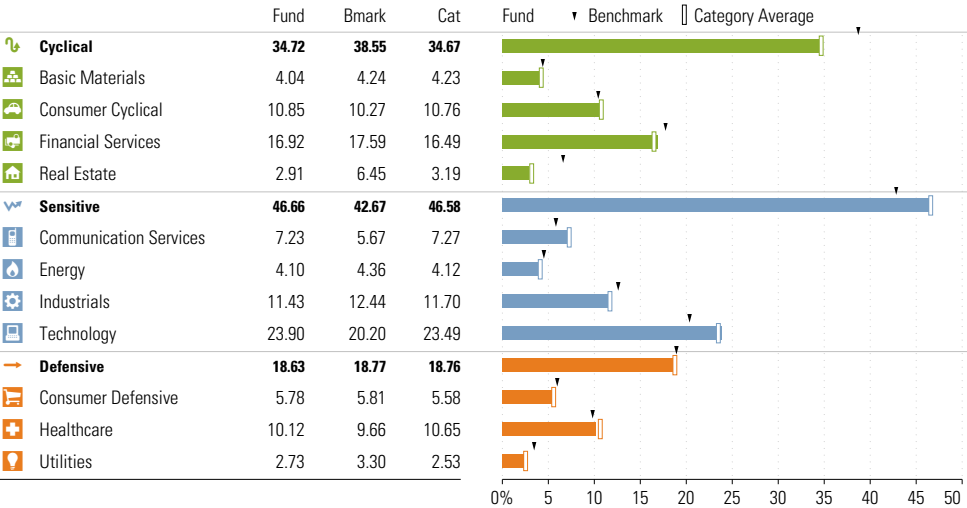
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	54.30	54.30	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.26	89.57	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	7.09	96.66	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	3.11	99.77	—	—
⊖ Mktliq 12/31/2049	—	0.22	99.99	—	—
⊖ Us Dollar	—	0.01	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  
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 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 11.86 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 85.19% lower than the Target-Date Retirement category average.

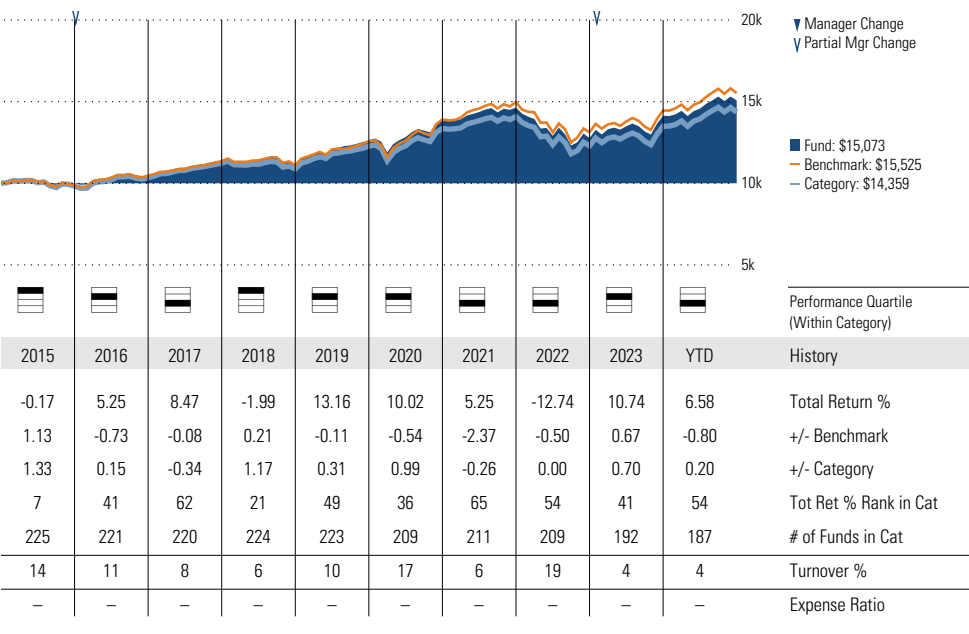
Morningstar Investment Management LLC Analysis

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.

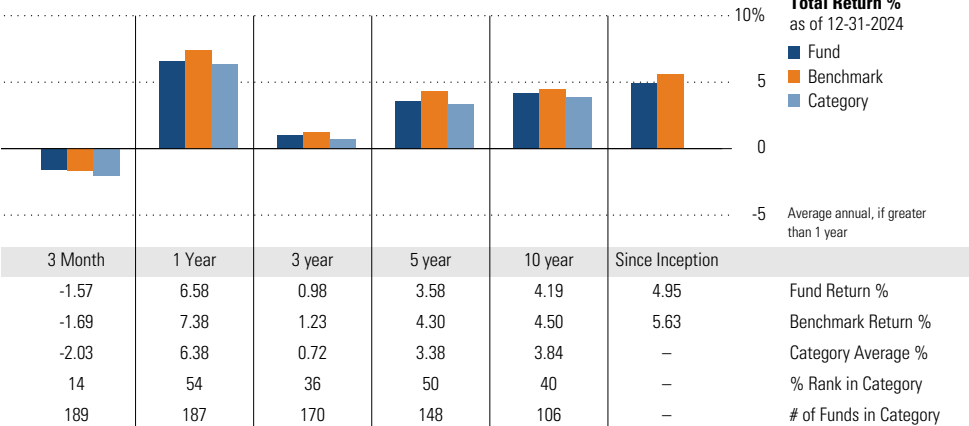
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
ESG Commitment	1-Low	02-15-2022

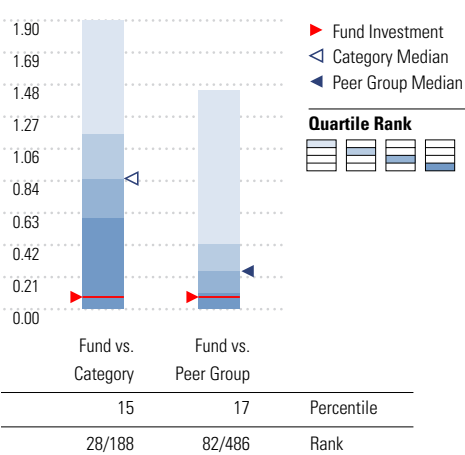
Growth of \$10,000



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	-0.19	-	-0.42
Beta	0.94	-	0.98
R-Squared	98.31	-	97.19
Standard Deviation	8.85	9.34	9.30
Sharpe Ratio	-0.33	-0.28	-0.33
Tracking Error	1.28	-	1.75
Information Ratio	-0.19	-	-0.30
Up Capture Ratio	95.00	-	98.01
Down Capture Ratio	96.50	-	101.25

Portfolio Metrics

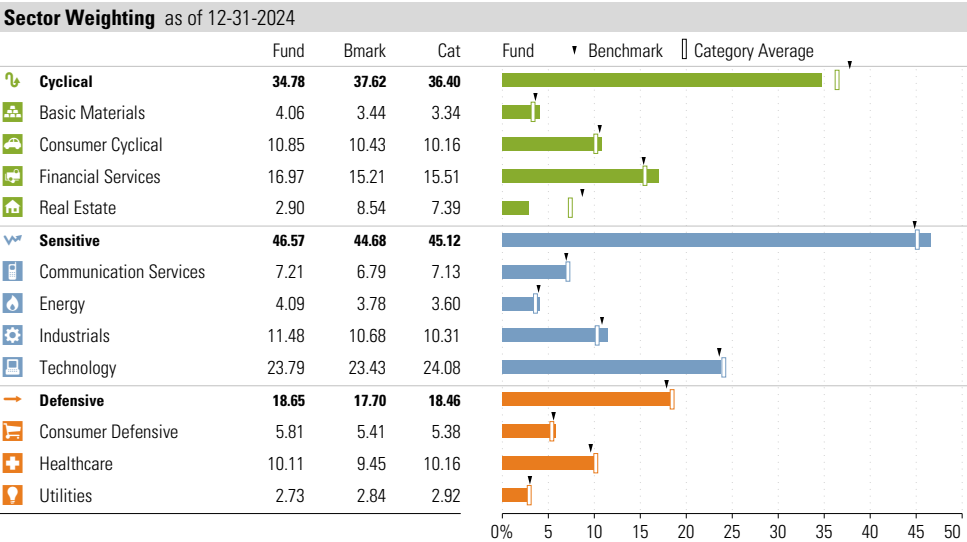
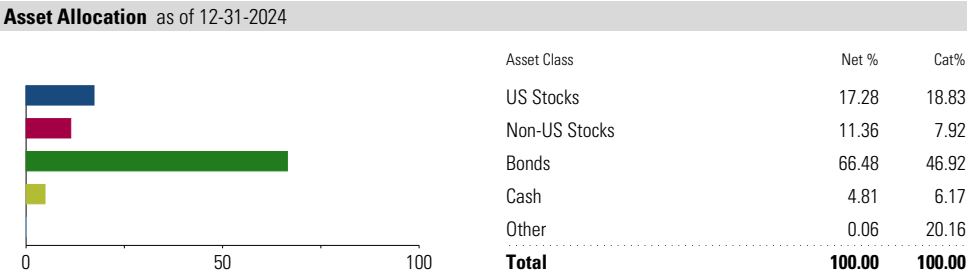
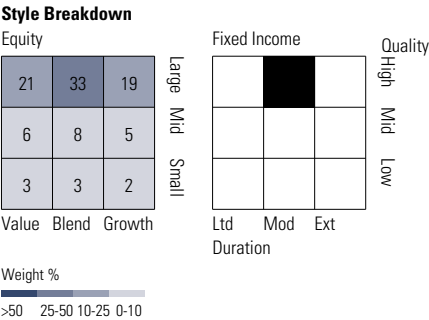
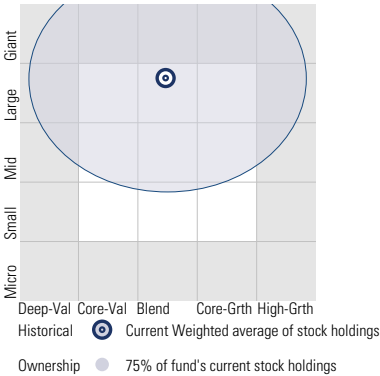
	Fund	Bmark	Cat
Price/Earnings Ratio	20.29	21.83	21.55
Price/Book Ratio	2.62	2.86	2.78
Avg Eff Duration	5.43	-	5.68

# Vanguard Target Retirement Income Fund VTINX

Morningstar Category  
Target-Date Retirement

Morningstar Index  
Morningstar Lifetime Mod Incm TR  
USD

Style Analysis as of 12-31-2024  
Morningstar Style Box™



Top 7 Holdings as of 12-31-2024						
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	
⊕ Vanguard Total Bond Market II Idx Inv	—	37.02	37.02	—	—	
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	17.36	54.38	—	—	
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	17.14	71.52	—	—	
⊕ Vanguard Total Intl Bd II Idx Instl	—	16.22	87.74	—	—	
⊕ Vanguard Total Intl Stock Index Inv	—	11.62	99.35	—	—	
⊖ Mktliq 12/31/2049	—	0.67	100.02	—	—	
⊕ Us Dollar	—	0.02	100.04	—	—	

Total Holdings 7

⊕ Increase ⊖ Decrease ✖ New to Portfolio



Vanguard Total World Stock Index Admiral VTWAX

Morningstar Category  
Global Large-Stock Blend

Morningstar Index  
MSCI ACWI NR USD

Portfolio Manager(s)

Christine Franquin since 02-2013  
Scott Geiger since 11-2017

Quantitative Screens

- Performance:** The fund has finished in the Global Large-Stock Blend category's top three quartiles in 5 of the 5 years it's been in existence.
- Management:** The fund's management has been in place for 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 96.88 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.1 is 89.47% lower than the Global Large-Stock Blend category average.

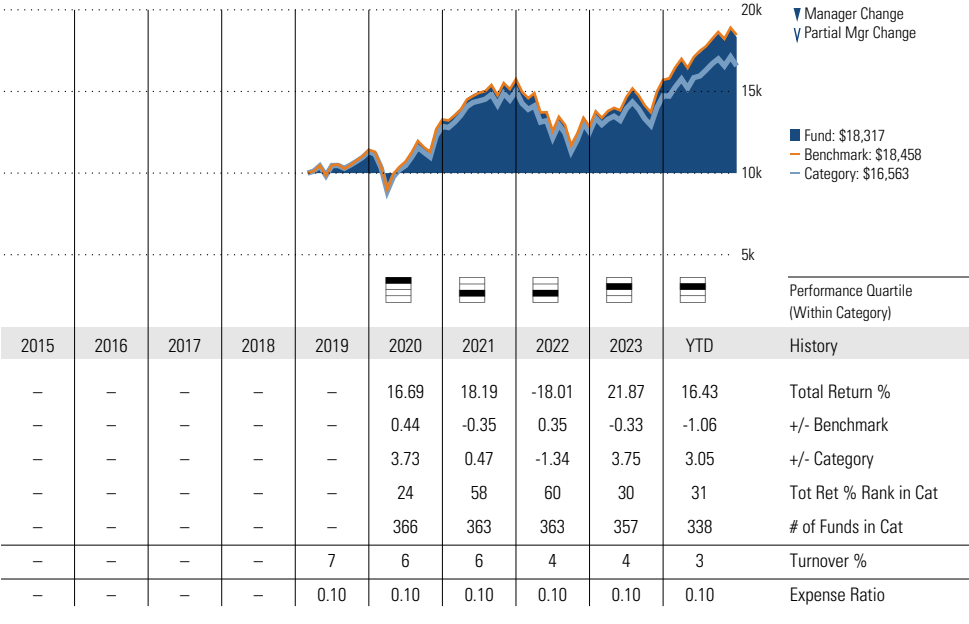
Morningstar Investment Management LLC Analysis

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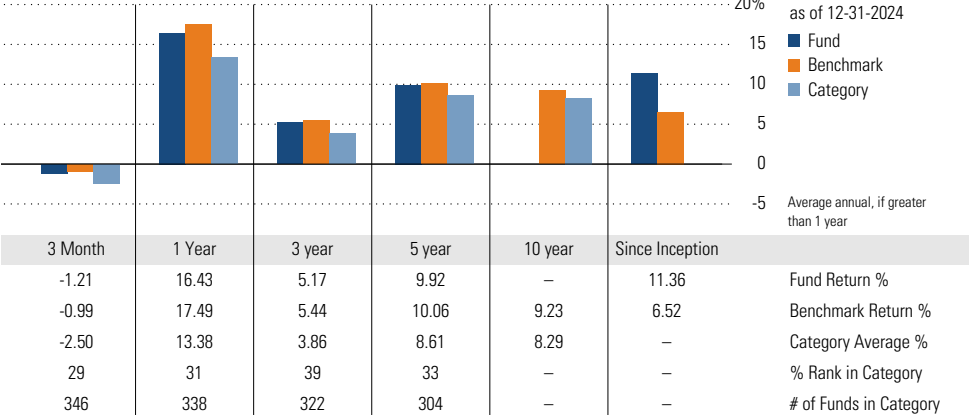
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

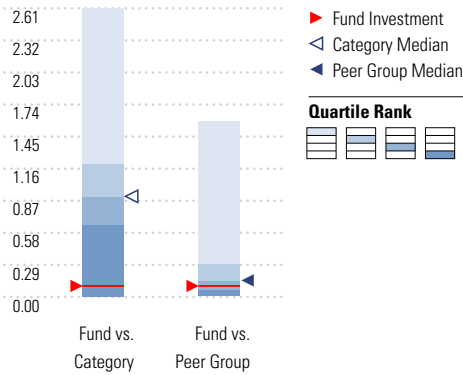
Growth of \$10,000



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	-0.31	—	-1.39
Beta	1.02	—	0.97
R-Squared	99.62	—	92.44
Standard Deviation	16.74	16.43	16.67
Sharpe Ratio	0.14	0.15	0.06
Tracking Error	1.07	—	4.43
Information Ratio	-0.24	—	-0.34
Up Capture Ratio	101.17	—	95.44
Down Capture Ratio	102.53	—	101.76

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.00	21.99	20.78
Price/Book Ratio	2.79	3.07	3.03
Geom Avg Mkt Cap \$B	115.69	175.32	160.78
ROE	25.67	27.62	26.70

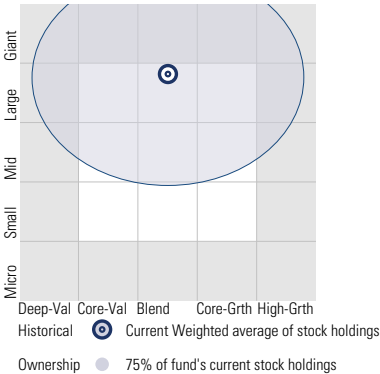
Vanguard Total World Stock Index Admiral VTWAX

Morningstar Category  
Global Large-Stock Blend

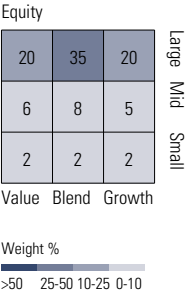
Morningstar Index  
MSCI ACWI NR USD

Style Analysis as of 12-31-2024

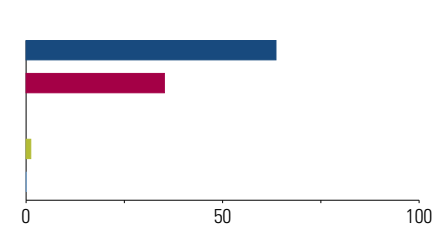
Morningstar Style Box™



Style Breakdown

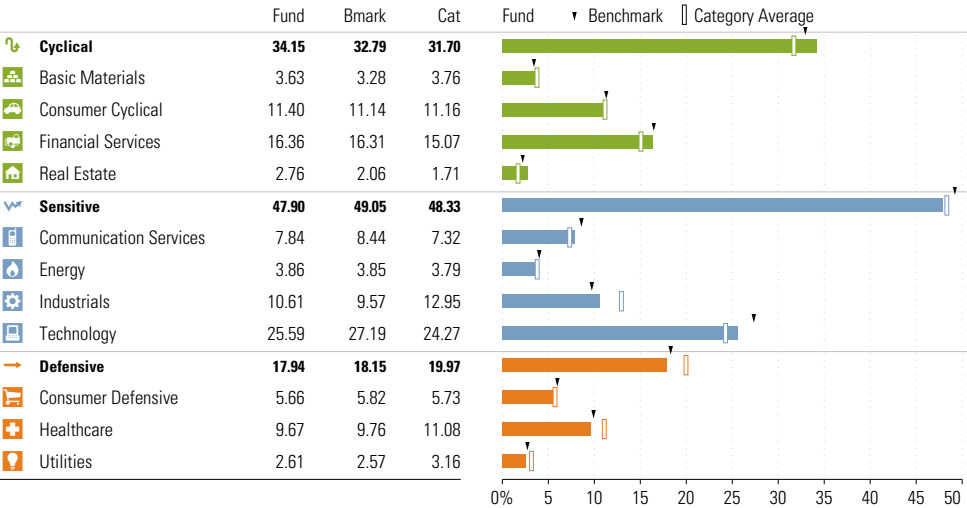


Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat %
US Stocks	63.58	64.44
Non-US Stocks	35.18	33.27
Bonds	0.00	0.33
Cash	1.19	0.92
Other	0.06	1.03
Total	100.00	100.00

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Japan	5.59	4.26	North America	67.06	68.57	United Kingdom	3.20	5.02	Developed Markets	92.32
Australasia	1.74	0.59	Central/Latin	0.84	0.61	W euro-ex UK	10.37	13.67	Emerging Markets	7.68
Asia-4 Tigers	3.77	3.76				Emrgng Europe	0.26	0.07	Not Available	0.00
Asia-ex 4 Tigers	5.84	3.20				Africa	1.32	0.22		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Apple Inc	4.10	4.10	30.58	Technology
⊕ NVIDIA Corp	3.59	7.69	171.24	Technology
⊕ Microsoft Corp	3.58	11.27	12.91	Technology
⊕ Amazon.com Inc	2.35	13.62	44.39	Consumer Cyclical
⊕ Meta Platforms Inc Class A	1.47	15.09	—	Communication Svc
⊕ Tesla Inc	1.28	16.37	—	Consumer Cyclical
⊕ Alphabet Inc Class A	1.28	17.65	35.94	Communication Svc
⊕ Broadcom Inc	1.20	18.85	—	Technology
⊕ Alphabet Inc Class C	1.05	19.91	35.56	Communication Svc
⊕ Taiwan Semiconductor Manufacturing Co Ltd	0.89	20.80	—	Technology

Total Holdings 9836

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category  
Ultrashort Bond

Morningstar Index  
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

Arvind Narayanan since 11-2019  
Thanh Nguyen since 01-2025

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 9 of the 9 years it's been in existence.
  - ✔ **Management:** The fund's management has been in place for 6.72 years.
- Style Consistency is not calculated for Fixed Income funds.
- ✔ **Net Expense:** The fund's expense ratio of 0.1 is 75% lower than the Ultrashort Bond category average.

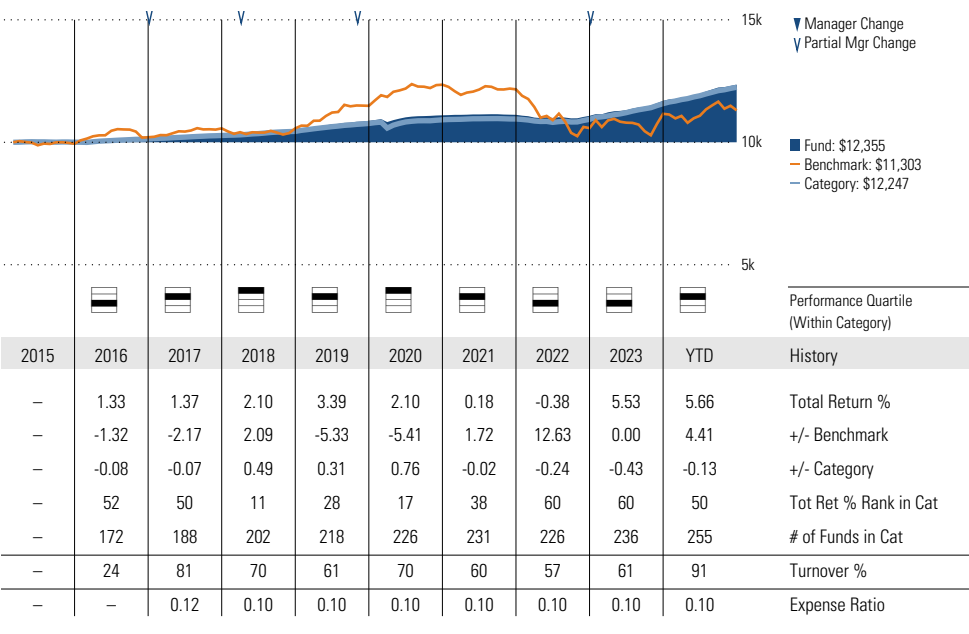
Morningstar Investment Management LLC Analysis

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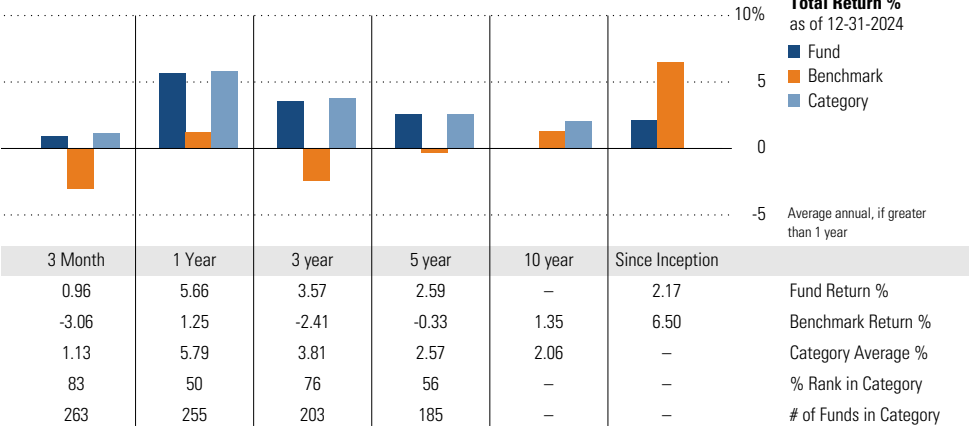
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

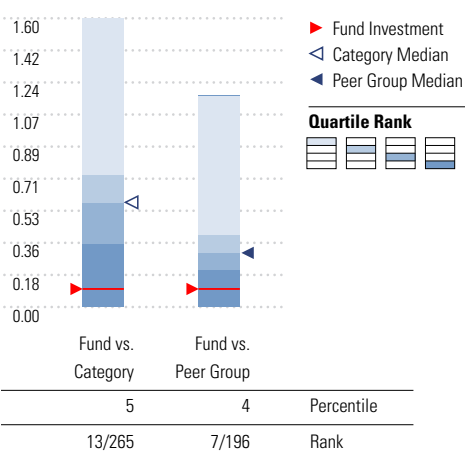
Growth of \$10,000



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	3.79	–	3.95
Beta	0.13	–	0.10
R-Squared	65.44	–	37.67
Standard Deviation	1.22	7.83	1.24
Sharpe Ratio	-0.72	-0.82	-0.63
Tracking Error	6.88	–	7.15
Information Ratio	0.87	–	0.87
Up Capture Ratio	27.59	–	24.45
Down Capture Ratio	-5.30	–	-9.67

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.97	4.43	1.10
Avg Eff Maturity	1.10	–	1.85

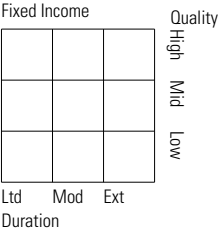
Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category  
Ultrashort Bond

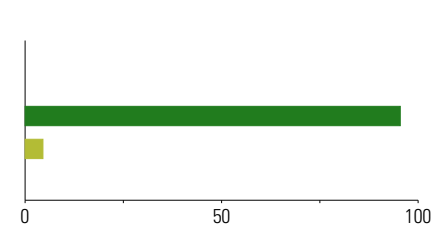
Morningstar Index  
Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

Style Breakdown



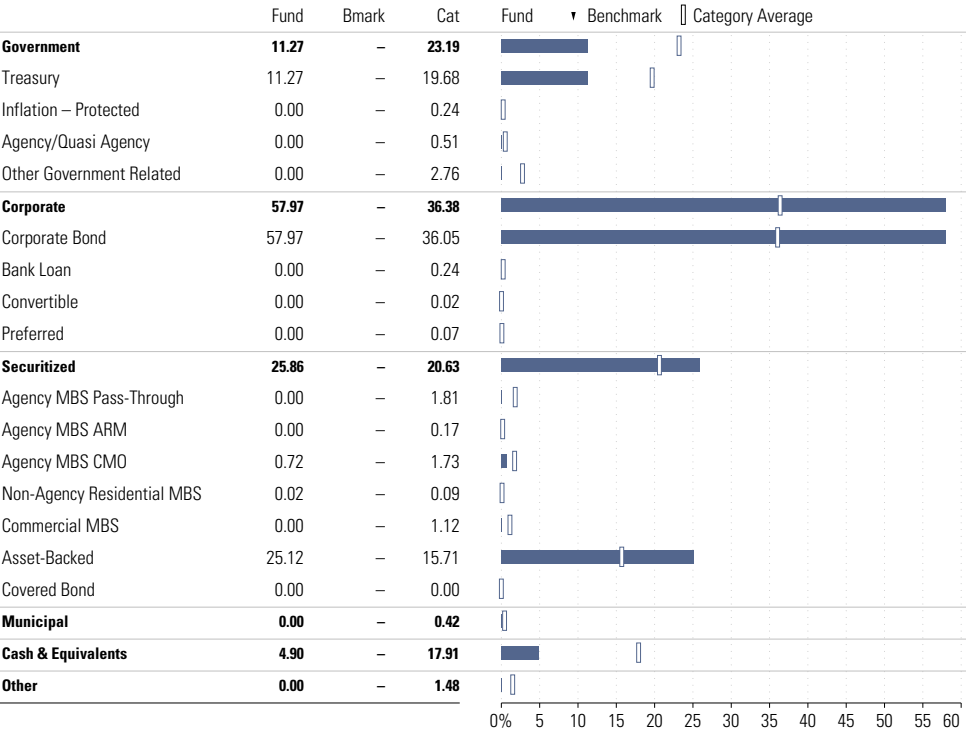
Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	0.00	3.84
Non-US Stocks	0.00	0.05
Bonds	95.46	66.94
Cash	4.54	28.81
Other	0.00	0.36
Total	100.00	100.00

Sector Weighting as of 12-31-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	29.11	3.53	34.94
AA	5.54	74.59	17.54
A	33.63	10.82	16.20
BBB	29.86	8.32	17.88
BB	0.19	0.28	2.21
B	0.69	0.00	1.00
Below B	0.04	0.00	0.34
Not Rated	0.93	2.46	9.90



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bills	—	4.40	4.40	—
⊕ United States Treasury Bills	—	3.32	7.72	—
⊕ United States Treasury Notes	—	1.47	9.19	—
⊕ United States Treasury Notes	—	1.12	10.31	—
⊕ Mktliq 12/31/2049	—	1.00	11.30	—
Banque Federative du Credit Mutuel	—	0.90	12.20	—
⊕ The Toronto-Dominion Bank	—	0.78	12.98	—
Royal Bank of Canada	—	0.77	13.75	—
Athene Global Funding	—	0.68	14.43	—
⊕ Us Dollar	—	0.66	15.09	—

Total Holdings 707

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Value Index Adm VVIAX

Morningstar Category  
Large Value  
Morningstar Index  
Russell 1000 Value TR USD

### Portfolio Manager(s)

Gerard O'Reilly since 12-1994  
Walter Nejman since 04-2016

### Quantitative Screens

- Performance:** The fund has finished in the Large Value 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 30.02 years.
- Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.05 is 94.25% lower than the Large Value category average.

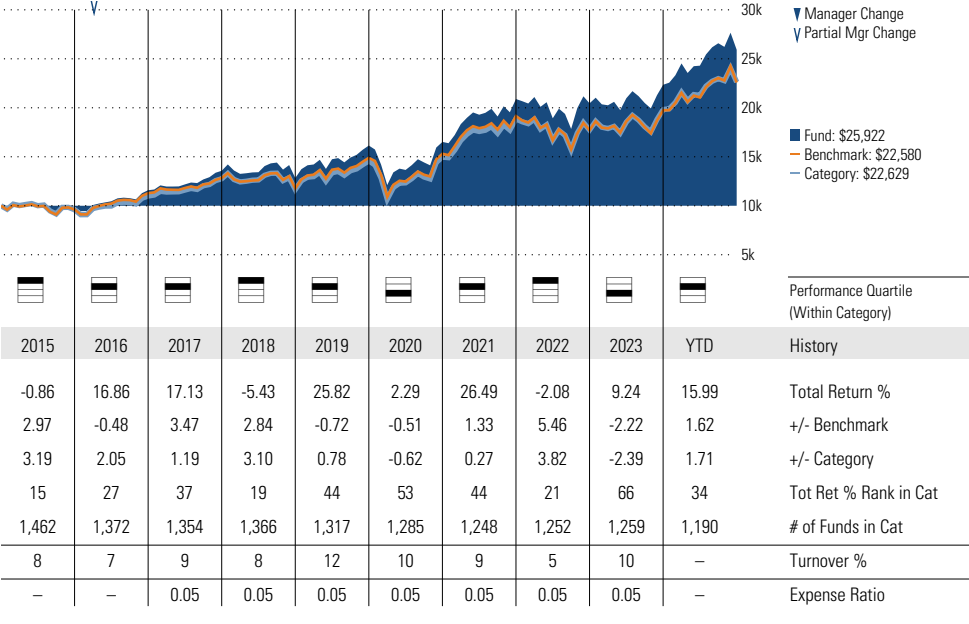
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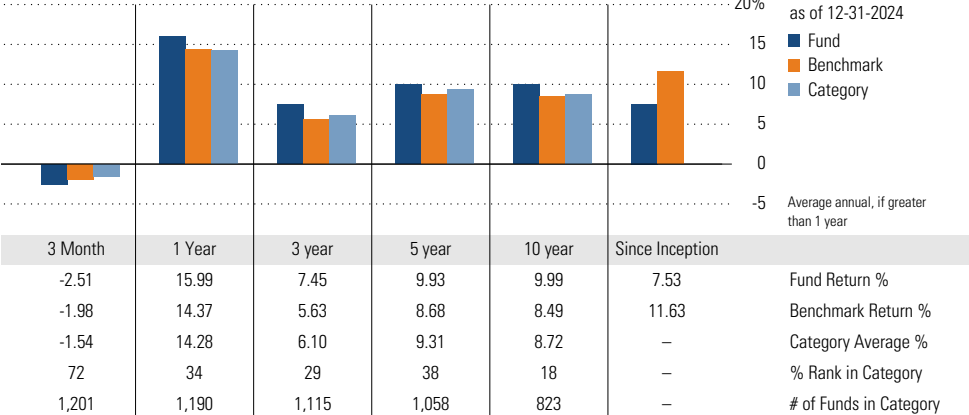
### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

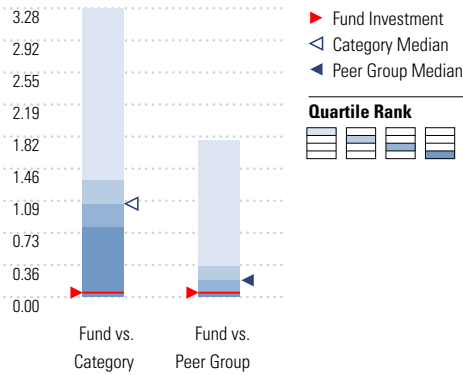
### Growth of \$10,000



### Trailing Performance



### Net Expense



	2	23	Percentile
Rank	21/1215	34/149	
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	2.07	—	0.76
Beta	0.92	—	0.94
R-Squared	97.82	—	94.06
Standard Deviation	15.75	16.89	16.37
Sharpe Ratio	0.27	0.16	0.18
Tracking Error	2.67	—	4.15
Information Ratio	0.68	—	0.12
Up Capture Ratio	95.71	—	94.58
Down Capture Ratio	87.28	—	91.60

### Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.74	19.68	18.28
Price/Book Ratio	2.79	2.54	2.44
Geom Avg Mkt Cap \$B	128.67	81.59	133.34
ROE	22.10	17.10	20.31

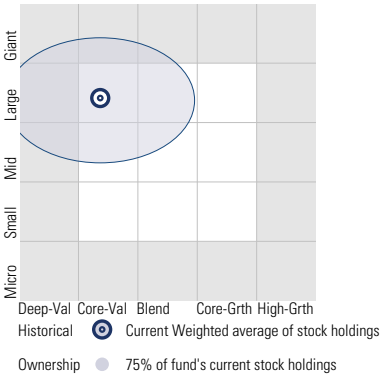
# Vanguard Value Index Adm VVIAX

Morningstar Category  
Large Value

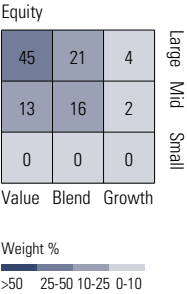
Morningstar Index  
Russell 1000 Value TR USD

## Style Analysis as of 12-31-2024

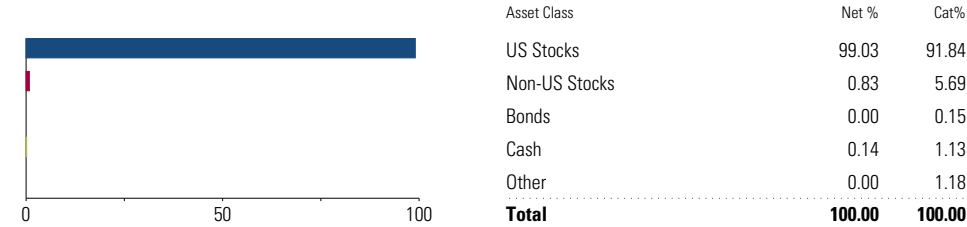
Morningstar Style Box™



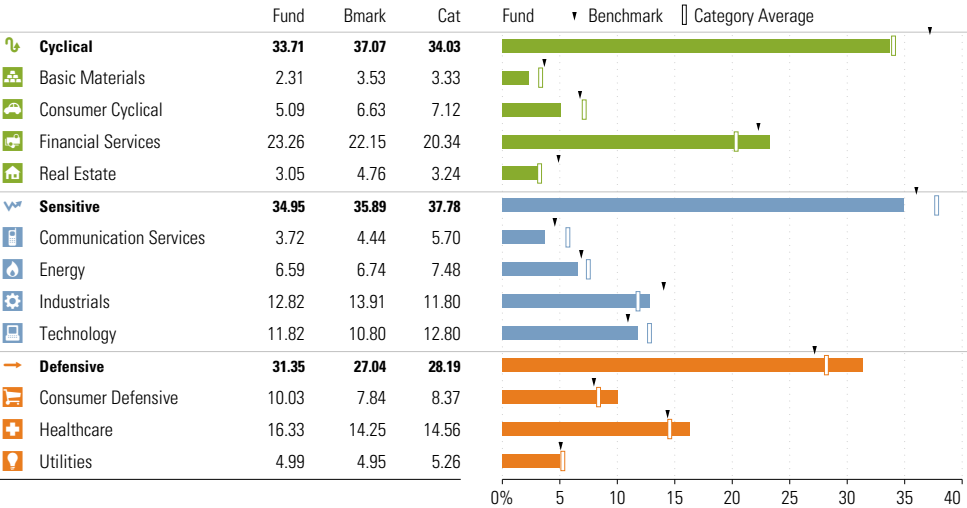
## Style Breakdown



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Berkshire Hathaway Inc Class B	3.19	3.19	27.09	Financial Services
⊖ JPMorgan Chase & Co	3.14	6.33	43.63	Financial Services
⊖ Broadcom Inc	2.52	8.84	—	Technology
⊖ Exxon Mobil Corp	2.20	11.04	11.43	Energy
⊖ UnitedHealth Group Inc	2.16	13.20	-2.36	Healthcare
⊖ Walmart Inc	1.86	15.06	73.51	Consumer Defensive
⊖ Procter & Gamble Co	1.83	16.89	17.11	Consumer Defensive
⊖ The Home Depot Inc	1.80	18.69	14.84	Consumer Cyclical
⊖ Johnson & Johnson	1.62	20.31	-4.60	Healthcare
⊖ AbbVie Inc	1.46	21.76	—	Healthcare
⊖ Bank of America Corp	1.41	23.17	33.50	Financial Services
⊕ Oracle Corp	1.29	24.46	59.58	Technology
⊖ Merck & Co Inc	1.17	25.63	-5.89	Healthcare
⊖ Chevron Corp	1.15	26.78	1.47	Energy
⊖ Wells Fargo & Co	1.09	27.86	45.75	Financial Services

Total Holdings 341

⊕ Increase ⊖ Decrease ✱ New to Portfolio