

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

**Management:** The fund's management has been in place for 24.56 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 49.56% lower than the Diversified Emerging Mkts category average.

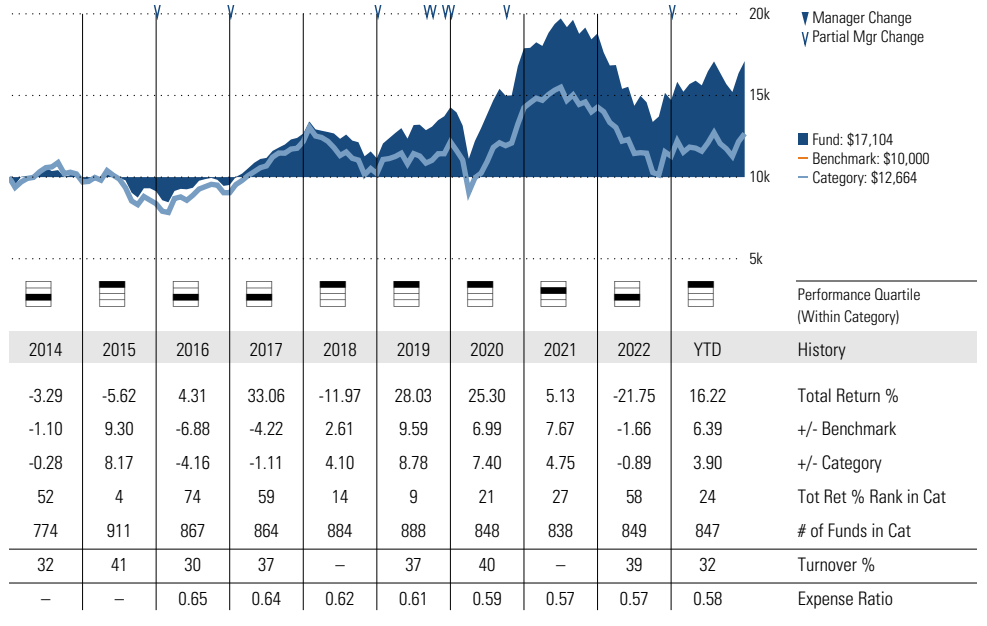
## Morningstar Investment Management LLC Analysis

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

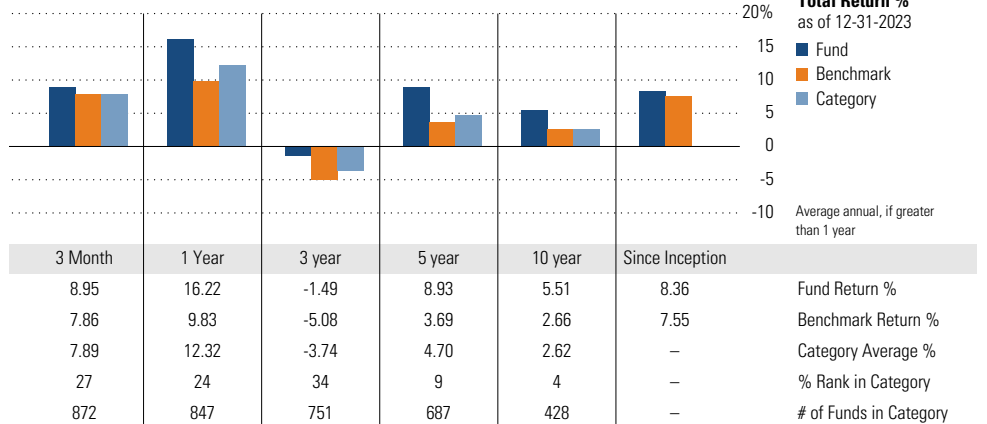
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

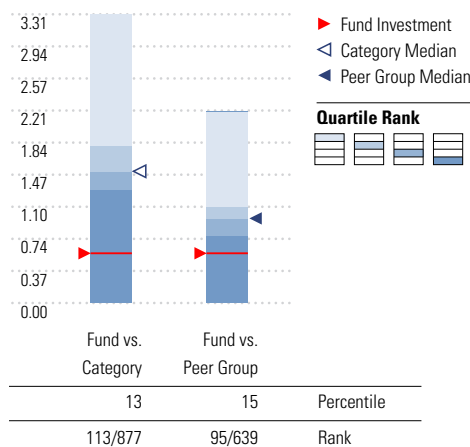
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	16.09	-	17.81
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.72	13.07	13.55
Price/Book Ratio	2.96	1.60	1.86
Geom Avg Mkt Cap \$B	60.60	35.77	44.99
ROE	24.49	16.28	19.08

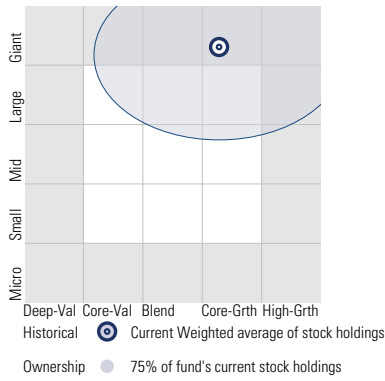
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

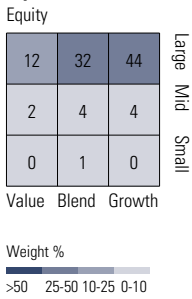
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2023

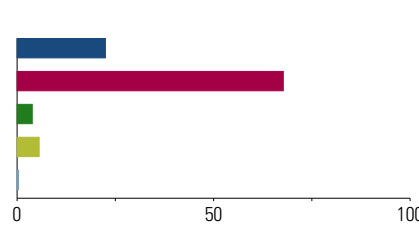
Morningstar Style Box™



## Style Breakdown

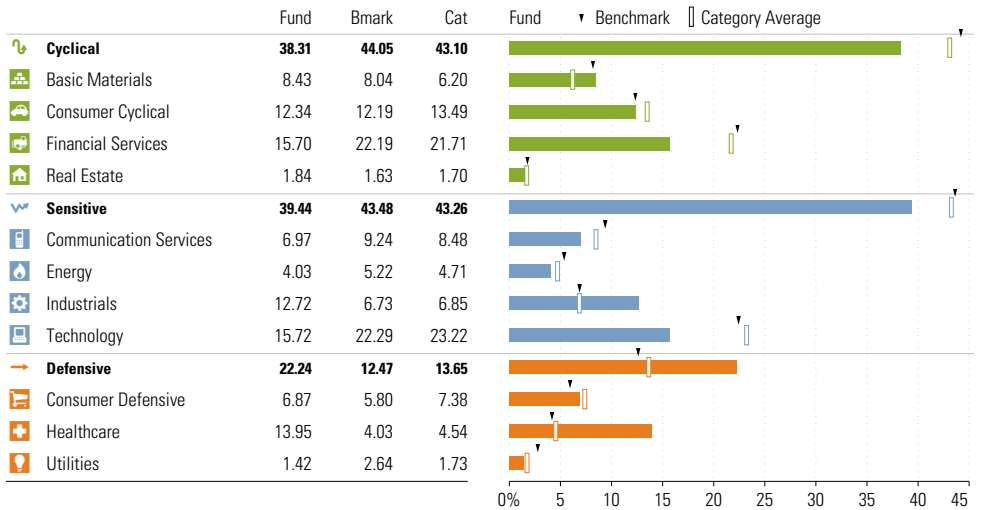


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	22.47	3.18
Non-US Stocks	67.73	94.87
Bonds	3.85	0.04
Cash	5.61	1.82
Other	0.34	0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## World Regions % Equity 12-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	39.10	73.55	Americas	35.96	15.81	Greater Europe	24.94	10.64	Developed Markets	57.94
Japan	2.39	0.06	North America	26.47	2.94	United Kingdom	2.13	0.54	Emerging Markets	42.06
Australasia	0.40	0.00	Central/Latin	9.49	12.87	W euro-ex UK	19.89	1.80	Not Available	0.00
Asia-4 Tigers	6.54	27.02				Emrgng Europe	0.53	1.77		
Asia-ex 4 Tigers	29.77	46.47				Africa	2.39	6.53		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.39	5.39	-	-
⊕ Microsoft Corp	2.86	8.25	57.96	Technology
⊖ Novo Nordisk A/S Class B	2.68	10.93	51.68	Healthcare
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.03	12.96	-	Technology
Airbus SE	1.50	14.46	-	Industrials
⊖ Eli Lilly and Co	1.45	15.91	60.57	Healthcare
⊖ LVMH Moët Hennessy Louis Vuitton SE	1.44	17.35	-	Consumer Cyclical
⊖ Kotak Mahindra Bank Ltd	1.43	18.78	-	Financial Services
⊕ MercadoLibre Inc	1.23	20.01	85.71	Consumer Cyclical
⊕ AIA Group Ltd	1.10	21.11	-19.70	Financial Services

**Total Holdings 586**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

- Alan Berro since 07-1997
- Jeffrey Lager since 07-2004
- Alan Wilson since 07-2013
- Diana Wagner since 06-2014
- Jin Lee since 07-2014
- Eric Stern since 11-2014
- Irfan Furniturewala since 06-2015
- Emme Kozloff since 07-2016
- Mark Casey since 07-2016

## Quantitative Screens

- Performance:** The fund has finished in the Large Blend category's top three quartiles in 7 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 26.52 years.
- Style:** The fund has landed in its primary style box — Large Blend — 60 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

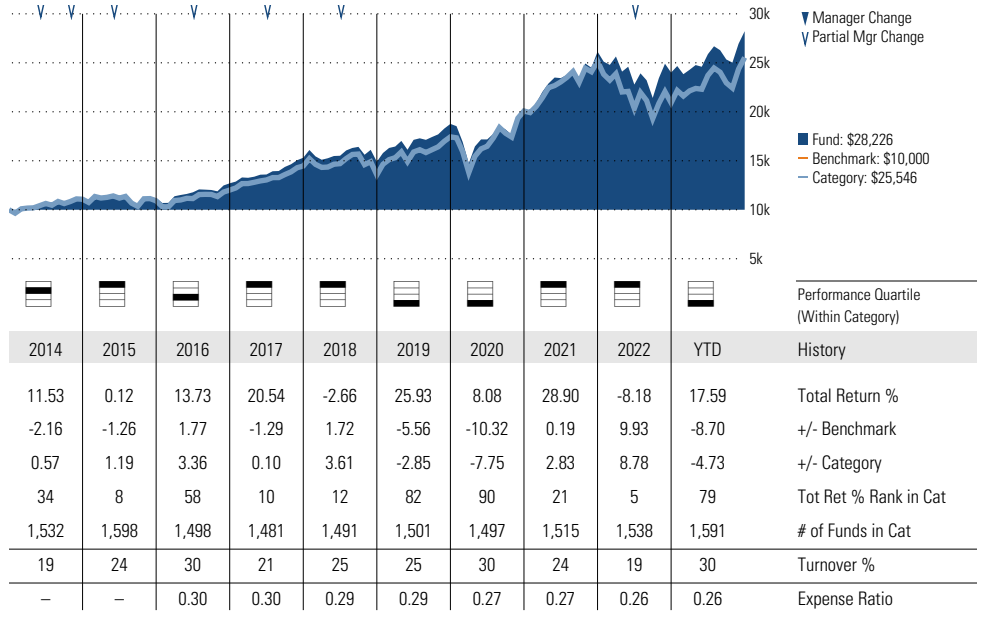
## Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen as the portfolio has slightly drifted from the large-blend portion of the Morningstar style box to the large-value portion however, the underlying investment strategy remains consistent so we are not concerned with this style failure.

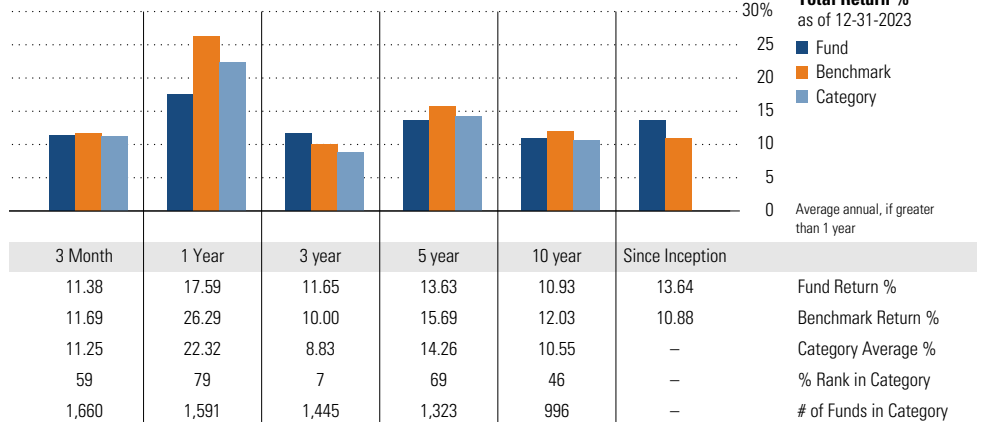
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

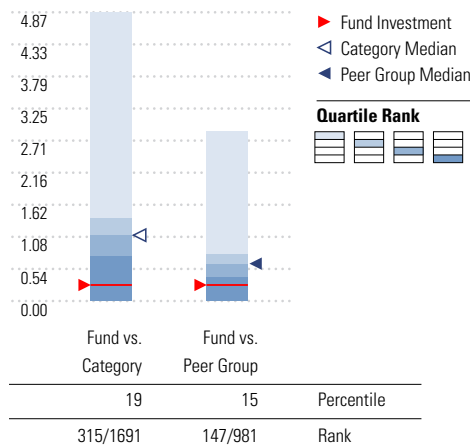
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	15.15	-	17.04
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.52	23.61	22.67
Price/Book Ratio	3.41	4.19	4.67
Geom Avg Mkt Cap \$B	145.74	241.61	282.66
ROE	30.25	31.50	30.87

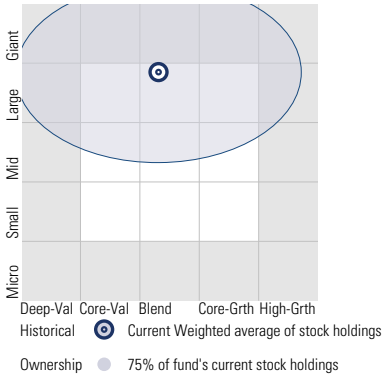
# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

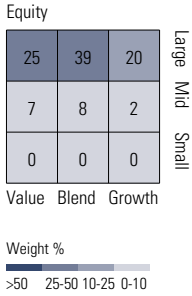
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2023

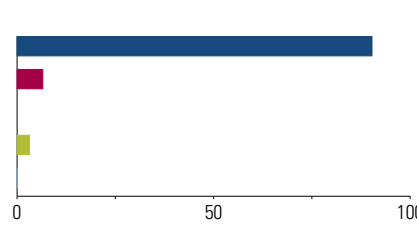
Morningstar Style Box™



## Style Breakdown

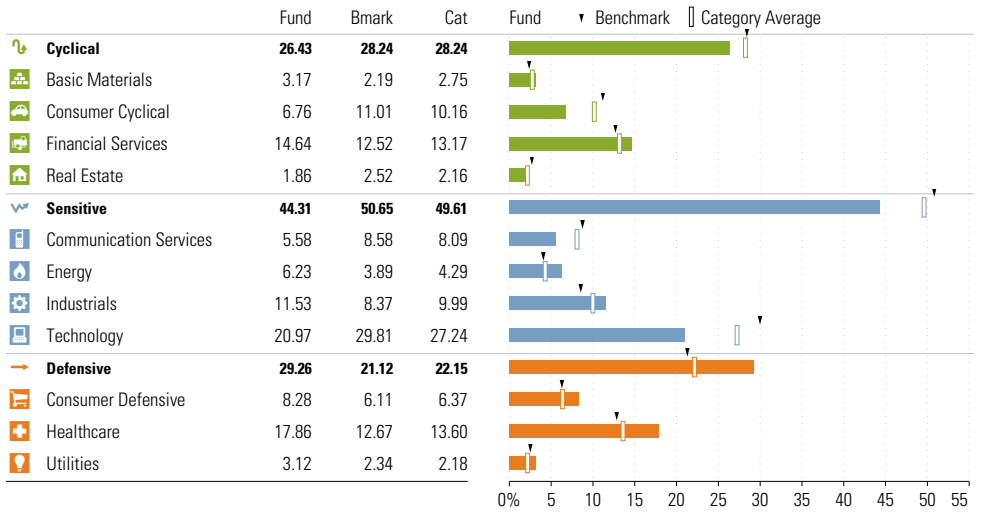


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	90.30	95.35
Non-US Stocks	6.55	2.42
Bonds	0.00	-0.53
Cash	3.12	1.50
Other	0.03	1.24
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	6.12	6.12	103.05	Technology
⊕ Microsoft Corp	6.04	12.16	57.96	Technology
⊖ UnitedHealth Group Inc	3.31	15.46	0.68	Healthcare
⊖ Capital Group Central Cash Fund	2.92	18.39	-	-
⊖ Comcast Corp Class A	2.76	21.15	28.65	Communication Svc
⊖ Marsh & McLennan Companies Inc	2.63	23.78	16.07	Financial Services
⊖ Eli Lilly and Co	2.35	26.13	60.57	Healthcare
⊕ Northrop Grumman Corp	1.87	28.00	-12.85	Industrials
⊕ The Home Depot Inc	1.78	29.77	12.36	Consumer Cyclical
⊕ Philip Morris International Inc	1.78	31.55	-1.97	Consumer Defensive
⊖ JPMorgan Chase & Co	1.45	33.00	29.87	Financial Services
⊖ Johnson & Johnson	1.38	34.38	-8.61	Healthcare
⊕ CVS Health Corp	1.37	35.75	-12.67	Healthcare
⊕ AbbVie Inc	1.34	37.09	-0.45	Healthcare
⊕ Intel Corp	1.32	38.42	92.92	Technology

**Total Holdings 196**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Christopher Allen since 02-2017  
David Rogal since 03-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.88 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.56 is 9.68% lower than the Inflation-Protected Bond category average.

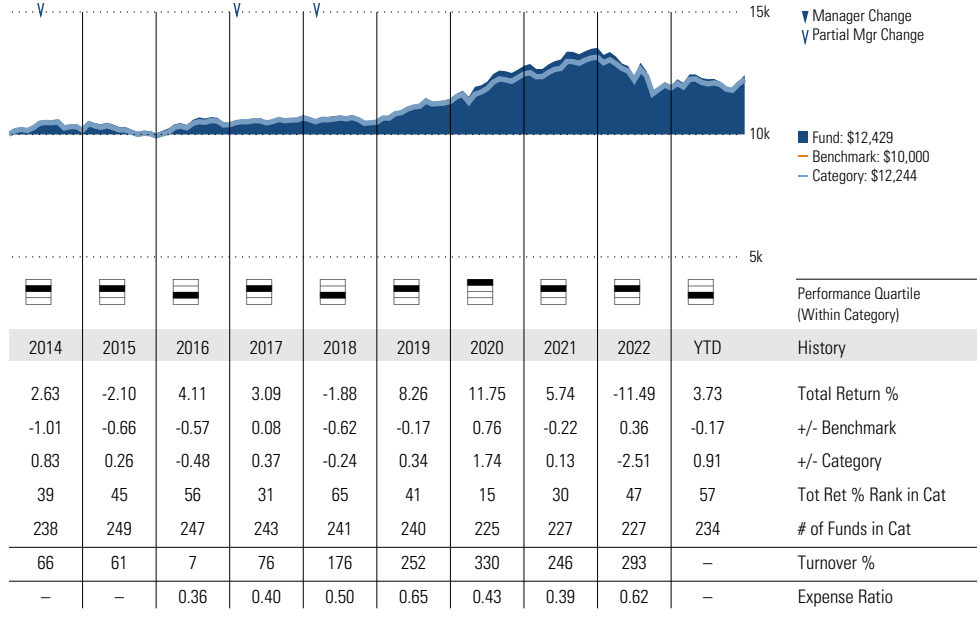
## Morningstar Investment Management LLC Analysis

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

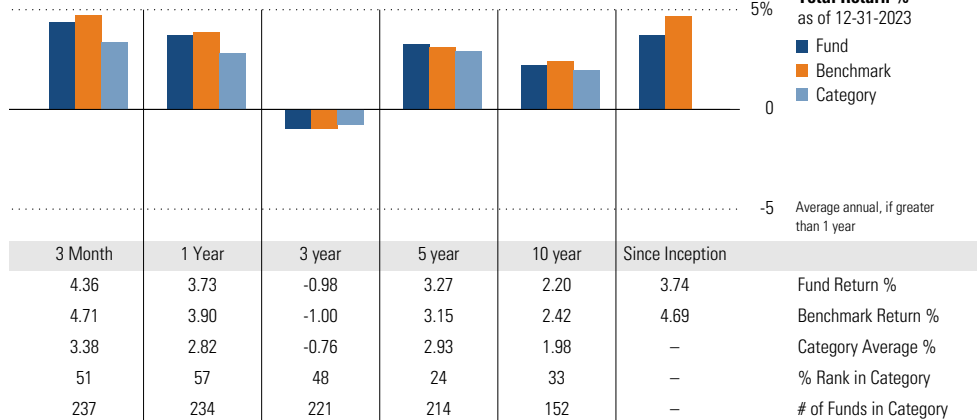
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023

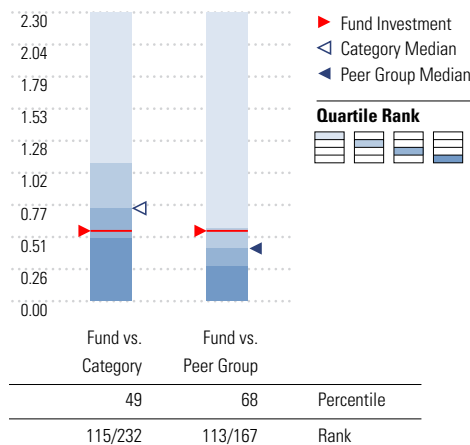
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	7.32	-	6.62
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.08	4.52	6.01
Avg Eff Maturity	8.28	-	6.37

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Style Analysis as of 12-31-2023

### Style Breakdown



## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	0.45	0.11
Non-US Stocks	0.00	0.00
Bonds	82.86	97.18
Cash	16.70	1.81
Other	0.00	0.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	1.16	0.00	31.40
AA	94.90	99.60	66.93
A	1.16	0.00	0.44
BBB	0.03	0.00	0.54
BB	0.02	0.00	0.04
B	0.05	0.00	0.05
Below B	0.01	0.00	0.14
Not Rated	2.67	0.40	0.46

## Sector Weighting as of 12-31-2023



## Top 10 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	29.40	29.40	-
⊖ Three-Month Sofr Future Mar 25	-	20.20	49.60	-
⊕ Three-Month Sofr Future Mar 24	-	20.14	69.74	-
⊖ Us 2Yr Note Mar 24	-	16.61	86.35	-
⊖ USD CASH(Alpha Committed)	12-2023	7.58	93.93	-
⊖ Us 5Yr Note Mar 24	-	5.01	98.94	-
⊖ United States Treasury Notes	01-2033	3.94	102.89	-
⊕ United States Treasury Notes	07-2032	3.71	106.60	-
⊕ United States Treasury Notes	01-2032	3.44	110.04	-
⊖ RRP TREASURY (CPI) NOTE 0.125 15-J HSSUS	12-2023	3.44	113.48	-

**Total Holdings 271**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# Fidelity Contrafund FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

William Danoff since 09-1990

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 33.31 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 93.1 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 40.86% lower than the Large Growth category average.

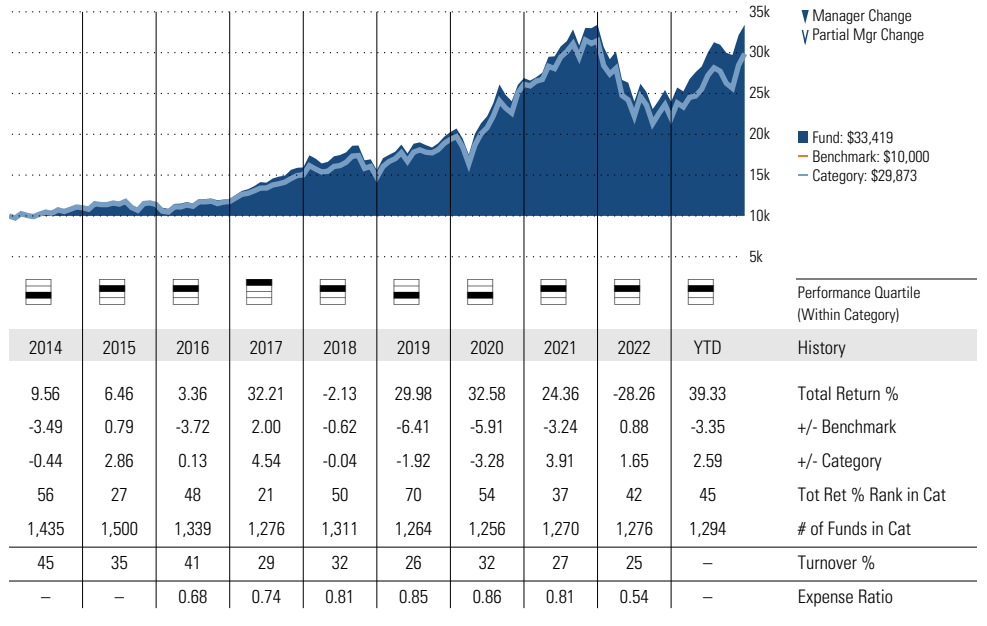
## Morningstar Investment Management LLC Analysis

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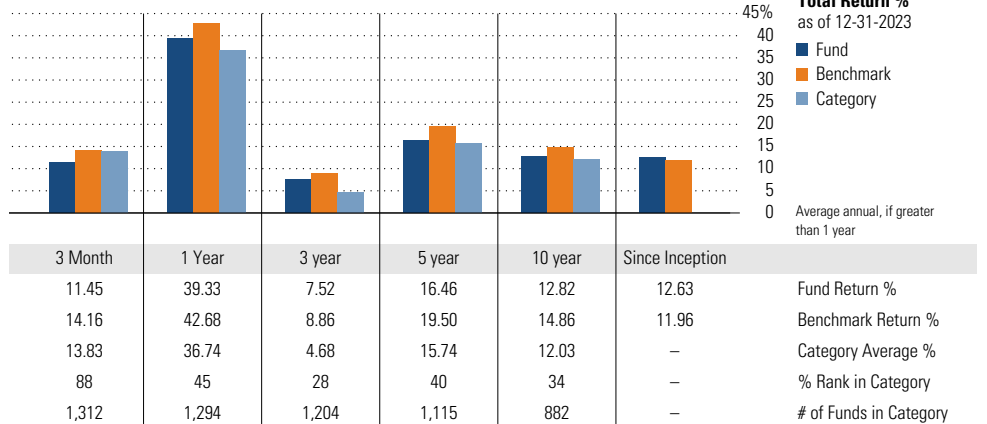
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

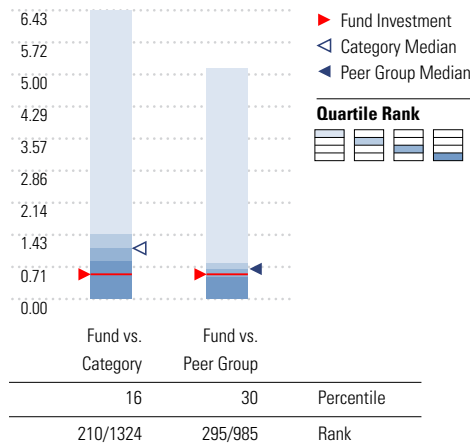
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	18.37	-	21.31
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.17	33.00	31.29
Price/Book Ratio	4.38	10.90	8.04
Geom Avg Mkt Cap \$B	394.88	427.90	440.36
ROE	29.37	40.31	34.88

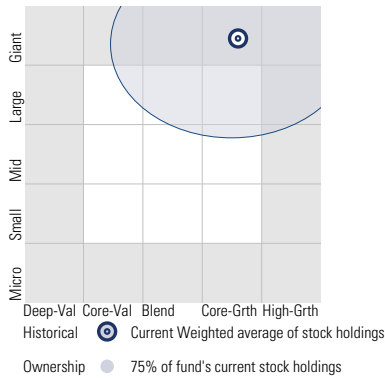
# Fidelity Contrafund FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 12-31-2023

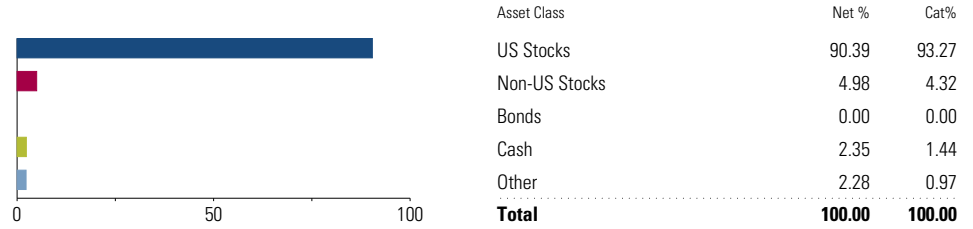
Morningstar Style Box™



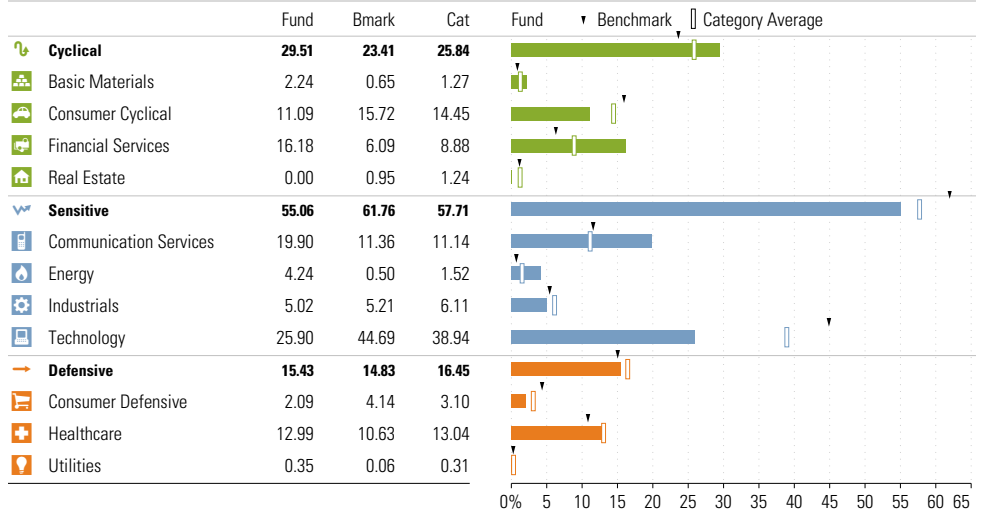
## Style Breakdown



## Asset Allocation as of 12-31-2023



## Sector Weighting as of 12-31-2023



## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Meta Platforms Inc Class A	11.98	11.98	194.13	Communication Svc
Berkshire Hathaway Inc Class A	9.07	21.05	15.77	Financial Services
Microsoft Corp	7.25	28.30	57.96	Technology
Amazon.com Inc	6.23	34.53	80.88	Consumer Cyclical
Apple Inc	4.40	38.92	48.91	Technology
⊕ NVIDIA Corp	4.15	43.08	238.98	Technology
UnitedHealth Group Inc	4.02	47.10	0.68	Healthcare
Eli Lilly and Co	2.83	49.93	60.57	Healthcare
Alphabet Inc Class A	2.60	52.53	58.32	Communication Svc
⊖ Fidelity® Cash Central Fund	2.57	55.10	—	—
Alphabet Inc Class C	2.24	57.34	58.83	Communication Svc
Regeneron Pharmaceuticals Inc	1.93	59.28	21.73	Healthcare
Amphenol Corp Class A	1.71	60.98	31.31	Technology
⊕ Visa Inc Class A	1.62	62.61	26.21	Financial Services
Netflix Inc	1.61	64.22	65.11	Communication Svc

**Total Holdings 337**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Loomis Sayles Bond N LSBNX

Morningstar Category  
Multisector Bond

Morningstar Index  
Bloomberg US Universal TR USD

## Portfolio Manager(s)

Matthew Eagan since 02-2007

Brian Kennedy since 06-2016

## Quantitative Screens

**Performance:** The fund has finished in the Multisector Bond 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 16.92 years.

Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.6 is 38.14% lower than the Multisector Bond category average.

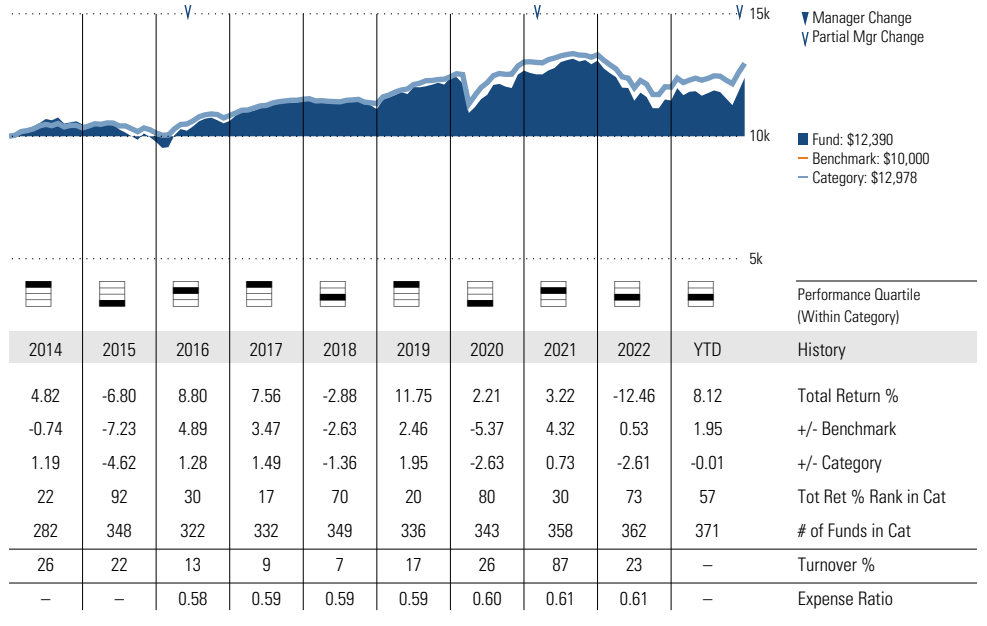
## Morningstar Investment Management LLC Analysis

We have placed Loomis Sayles Bond on watch due to persistent performance issues, with the fund ranking in or near its peer group's bottom quartile or quintile in all standard trailing periods of one to 10 years through September 30, 2023. Additionally, longtime co-lead portfolio manager Elaine Stokes will leave the fund's management team at the end of 2023. Stokes will remain with the firm in a different capacity until her February 2024 retirement and seasoned comanagers Matt Eagan and Brian Kennedy remain on the fund. Nonetheless, amid the fund's persistently poor relative results, Stokes's exit is a concern.

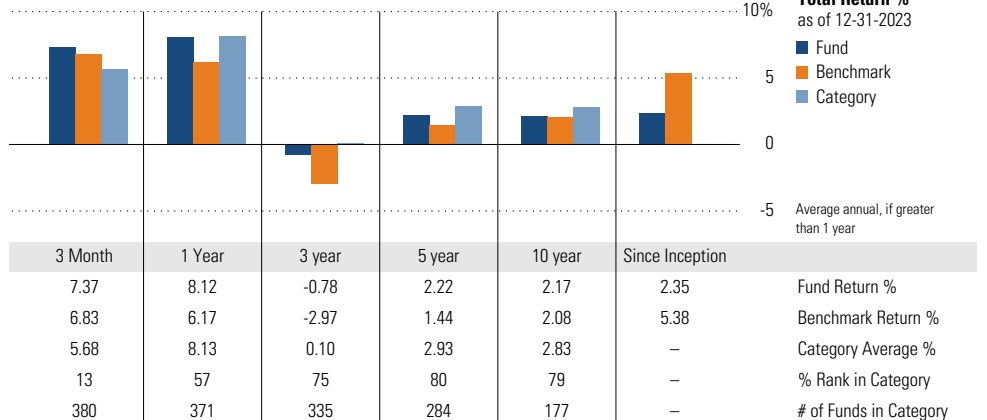
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	11-30-2023
ESG Commitment	1-Low	02-15-2022

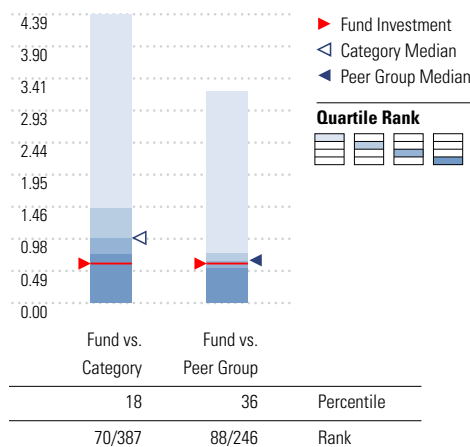
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	7.78	-	6.28
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.20	4.55	4.55
Avg Eff Maturity	7.20	7.69	7.15

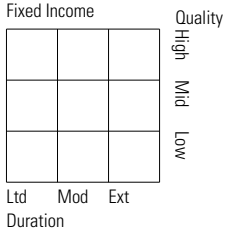
# Loomis Sayles Bond N LSBNX

**Morningstar Category**  
Multisector Bond

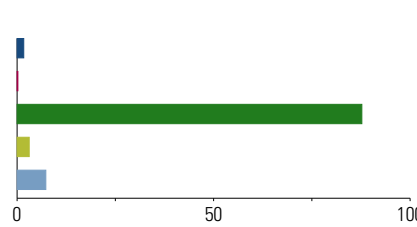
**Morningstar Index**  
Bloomberg US Universal TR USD

## Style Analysis as of 12-31-2023

### Style Breakdown



## Asset Allocation as of 12-31-2023

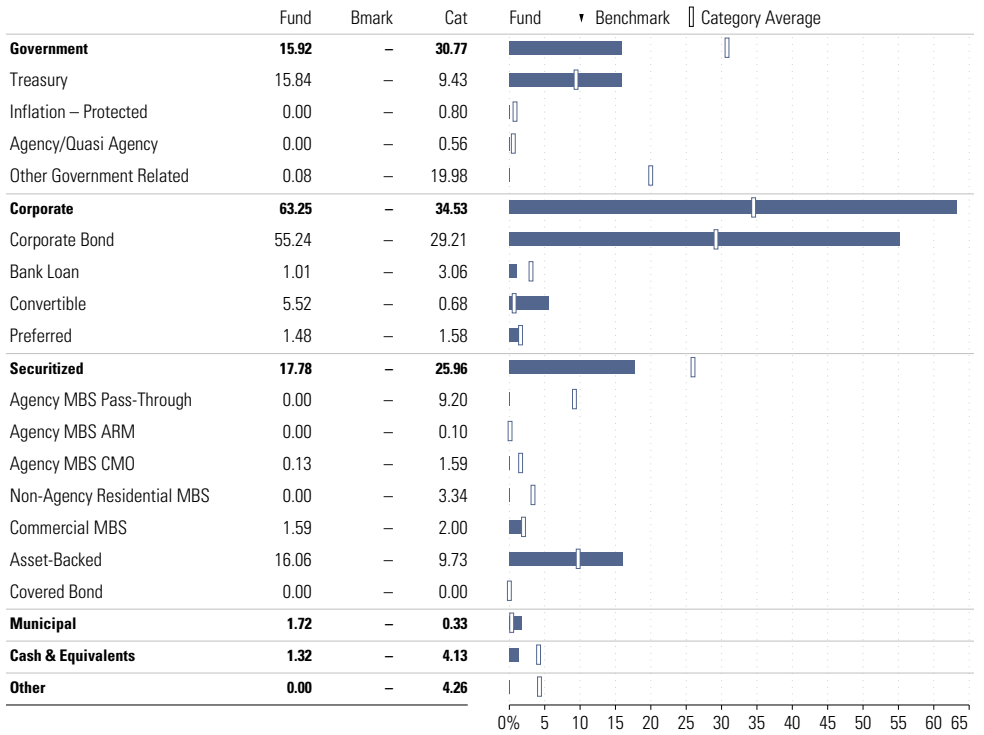


Asset Class	Net %	Cat%
US Stocks	1.69	1.17
Non-US Stocks	0.20	0.16
Bonds	87.72	105.37
Cash	3.08	-1.87
Other	7.31	-4.84
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	15.30	67.64	17.08
AA	2.53	3.23	10.35
A	6.35	10.03	9.12
BBB	39.01	10.89	25.29
BB	15.82	3.19	17.84
B	7.63	3.64	12.22
Below B	3.17	1.38	4.18
Not Rated	10.20	0.00	3.92

## Sector Weighting as of 12-31-2023



## Top 10 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 4.625%	06-2025	5.66	5.66	-
United States Treasury Bonds 3.25%	05-2042	4.14	9.80	-
United States Treasury Bills 0.01%	01-2024	1.96	11.76	-
DISH Network Corporation 3.375%	08-2026	1.90	13.66	-
TOBACCO SETTLEMENT FING CORP VA 6.706%	06-2046	1.69	15.35	-
Mutual of Omaha Insurance Co 6.8%	06-2036	1.34	16.69	-
⊕ Fixed Inc Clearing Corp.Repo	12-2023	1.30	17.98	-
National Life Insurance Co. 10.5%	09-2039	1.08	19.06	-
⊕ United States Treasury Bills 0.01%	05-2024	1.00	20.06	-
⊖ Continental Resources, Inc. 5.75%	01-2031	1.00	21.06	-

**Total Holdings 587**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Research International R4 MRSJX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Camille Lee since 09-2018  
Nicholas Paul since 12-2022  
John Mahoney since 01-2024

## 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 5.33 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 0.79 is 9.2% lower than the Foreign Large Blend category average.

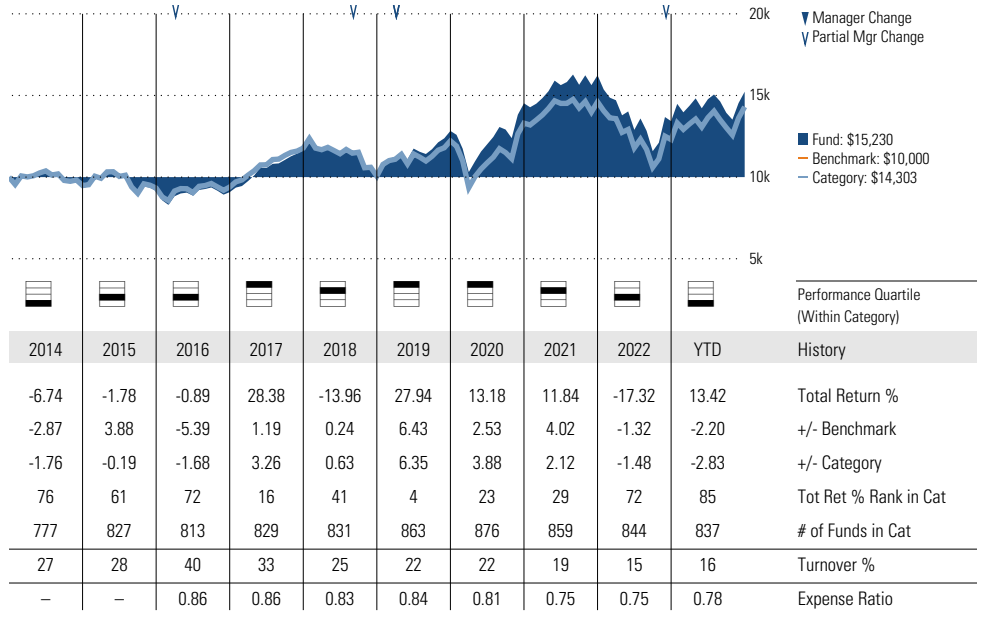
## Morningstar Investment Management LLC Analysis

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.

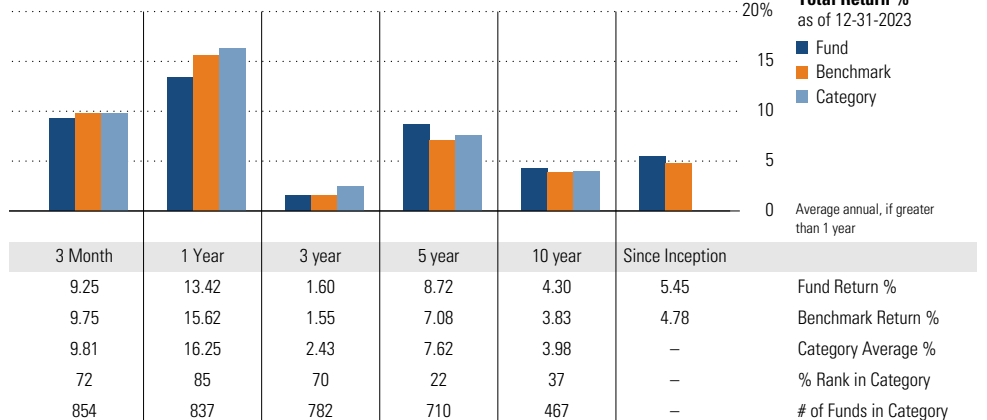
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

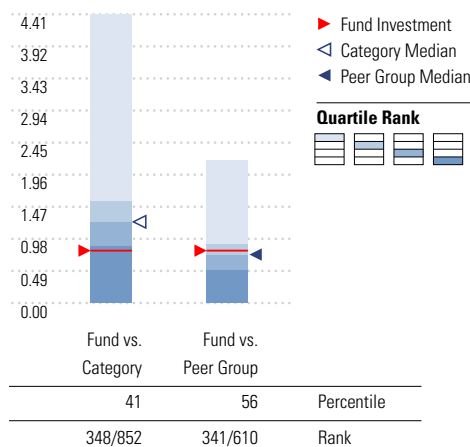
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	17.04	-	17.19
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.16	13.68	13.39
Price/Book Ratio	2.05	1.70	1.77
Geom Avg Mkt Cap \$B	48.17	45.04	56.58
ROE	19.41	17.63	20.30

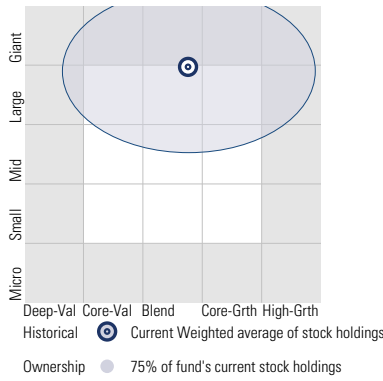
# MFS Research International R4 MRSJX

**Morningstar Category**  
Foreign Large Blend

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

## Style Analysis as of 12-31-2023

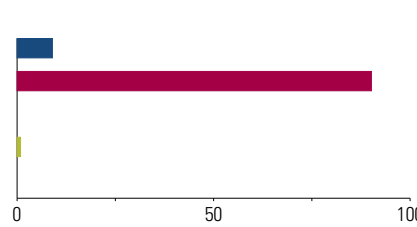
Morningstar Style Box™



## Style Breakdown

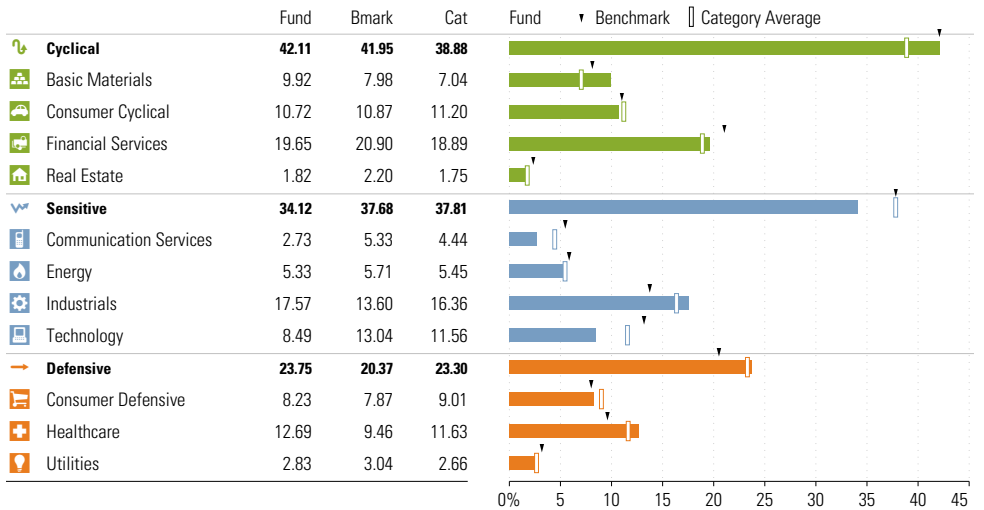


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	8.98	3.44
Non-US Stocks	90.15	94.60
Bonds	0.00	0.47
Cash	0.87	1.96
Other	0.00	-0.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## World Regions % Equity 12-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	33.15	35.35	Americas	10.93	8.53	Greater Europe	55.93	56.11	Market Maturity	Fund %
Japan	20.18	19.01	North America	10.93	7.24	United Kingdom	9.75	13.74	Developed Markets	97.46
Australasia	4.03	4.85	Central/Latin	0.00	1.29	W euro-ex UK	46.18	41.43	Emerging Markets	2.54
Asia-4 Tigers	6.40	6.48				Emrgng Europe	0.00	0.09	Not Available	0.00
Asia-ex 4 Tigers	2.54	5.01				Africa	0.00	0.85		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Linde PLC	3.39	3.39	27.48	Basic Materials
⊖ Novo Nordisk A/S Class B	3.14	6.53	-	Healthcare
⊖ Schneider Electric SE	3.08	9.61	-	Industrials
⊖ Nestle SA	2.83	12.44	-	Consumer Defensive
⊖ Roche Holding AG	2.69	15.14	-	Healthcare
⊖ Lvmh Moet Hennessy Louis Vuitton SE	2.52	17.66	-	Consumer Cyclical
⊖ Hitachi Ltd	2.03	19.69	-	Industrials
⊖ TotalEnergies SE	1.91	21.60	-	Energy
⊖ London Stock Exchange Group PLC	1.63	23.23	-	Financial Services
⊖ Euronext NV	1.57	24.80	-	Financial Services

**Total Holdings 117**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Short-Term Instl PTSHX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

Jerome Schneider since 01-2011  
Nathan Chiaverini since 04-2019  
Andrew Wittkop since 04-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort 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 13.01 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.47 is 14.63% higher than the Ultrashort Bond category average.

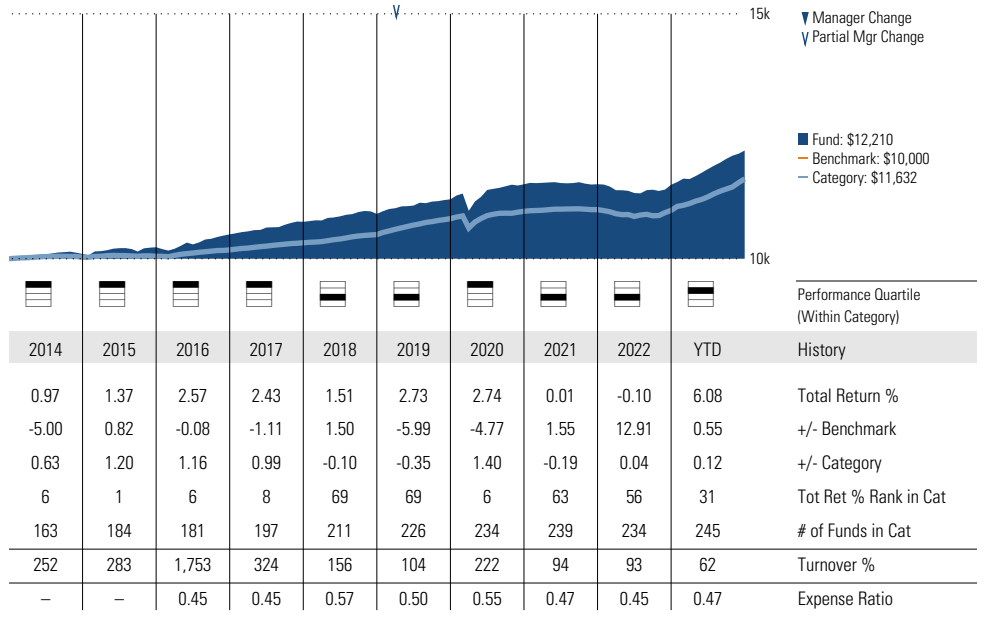
## Morningstar Investment Management LLC Analysis

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.

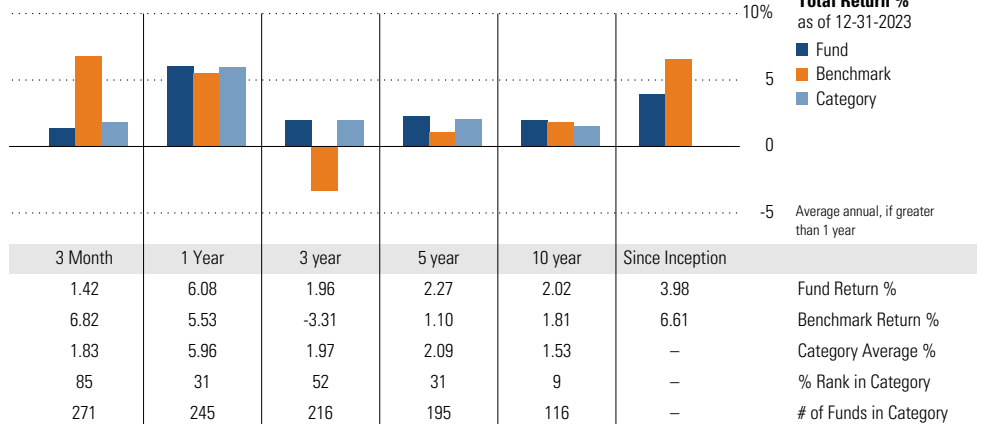
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023

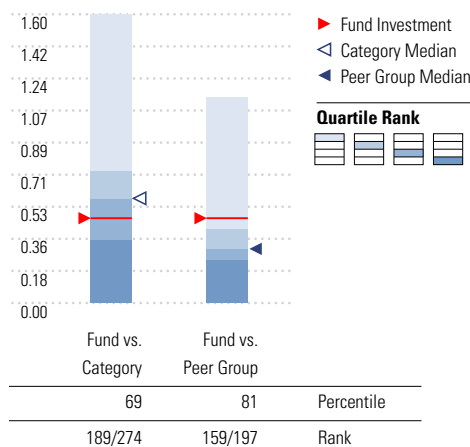
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	1.25	-	1.19
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.10	4.43	1.00
Avg Eff Maturity	-	-	1.62

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

# PIMCO Short-Term Instl PTSHX

**Morningstar Category**  
Ultrashort Bond

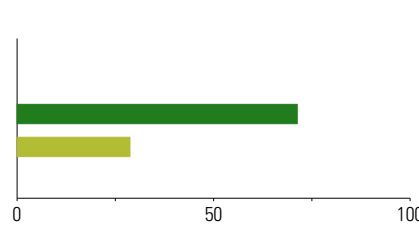
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 12-31-2023

### Style Breakdown



## Asset Allocation as of 12-31-2023

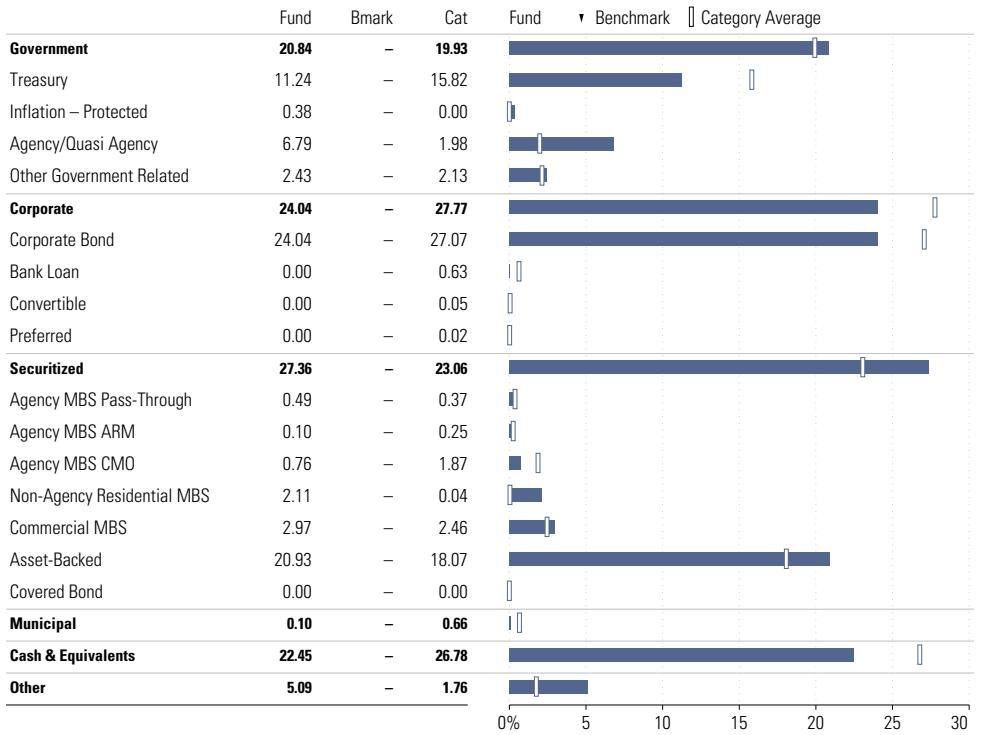


Asset Class	Net %	Cat%
US Stocks	0.00	0.77
Non-US Stocks	0.00	0.41
Bonds	71.28	56.14
Cash	28.72	43.34
Other	0.00	-0.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	53.10	3.53	44.82
AA	4.06	74.59	17.31
A	20.73	10.82	16.11
BBB	21.56	8.32	17.65
BB	0.16	0.28	1.86
B	0.16	0.00	0.80
Below B	0.23	0.00	0.23
Not Rated	0.00	2.46	1.21

## Sector Weighting as of 12-31-2023



## Top 10 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	25.43	25.43	-
✳ Offset: Unsettled Trades	-	19.56	44.99	-
⊕ United States Treasury Bills 0%	11-2023	13.47	58.46	-
⊖ CDX IG41 5Y ICE	12-2028	9.01	67.46	-
⊖ 2 Year Treasury Note Future Dec 23	12-2023	7.45	74.92	-
⊖ 5 Year Treasury Note Future Dec 23	12-2023	5.98	80.90	-
⊖ 3 Month SOFR Future Dec 24	03-2025	4.87	85.76	-
⊕ United States Treasury Bills 0%	01-2024	4.19	89.95	-
⊕ 3 Month SOFR Future Sept 23	12-2023	3.82	93.77	-
⊖ AUSTRALIAN DOLLARS Sold	11-2023	3.07	96.84	-

**Total Holdings 1057**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.09 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 0.04 is 94.67% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

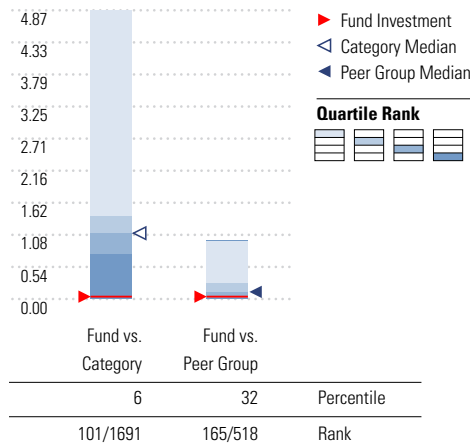
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	17.54	-	17.04
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	23.61	23.61	22.67
Price/Book Ratio	4.20	4.19	4.67
Geom Avg Mkt Cap \$B	241.88	241.61	282.66
ROE	31.53	31.50	30.87

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

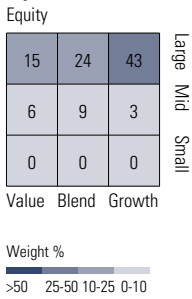
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2023



## Sector Weighting as of 12-31-2023



## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	7.02	7.02	48.91	Technology
Microsoft Corp	6.97	13.99	57.96	Technology
Amazon.com Inc	3.44	17.43	80.88	Consumer Cyclical
NVIDIA Corp	3.05	20.48	238.98	Technology
Alphabet Inc Class A	2.06	22.54	58.32	Communication Svc
Meta Platforms Inc Class A	1.96	24.50	194.13	Communication Svc
Alphabet Inc Class C	1.75	26.25	58.83	Communication Svc
Tesla Inc	1.71	27.96	101.72	Consumer Cyclical
Berkshire Hathaway Inc Class B	1.62	29.58	15.46	Financial Services
JPMorgan Chase & Co	1.23	30.81	29.87	Financial Services
Broadcom Inc	1.22	32.03	103.05	Technology
UnitedHealth Group Inc	1.21	33.24	0.68	Healthcare
Eli Lilly and Co	1.16	34.40	60.57	Healthcare
Visa Inc Class A	1.03	35.43	26.21	Financial Services
Exxon Mobil Corp	1.00	36.43	-6.02	Energy

**Total Holdings 508**

⊕ 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 10.86 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 0.07 is 91.95% lower than the Foreign Large Blend category average.

## Morningstar Investment Management LLC Analysis

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

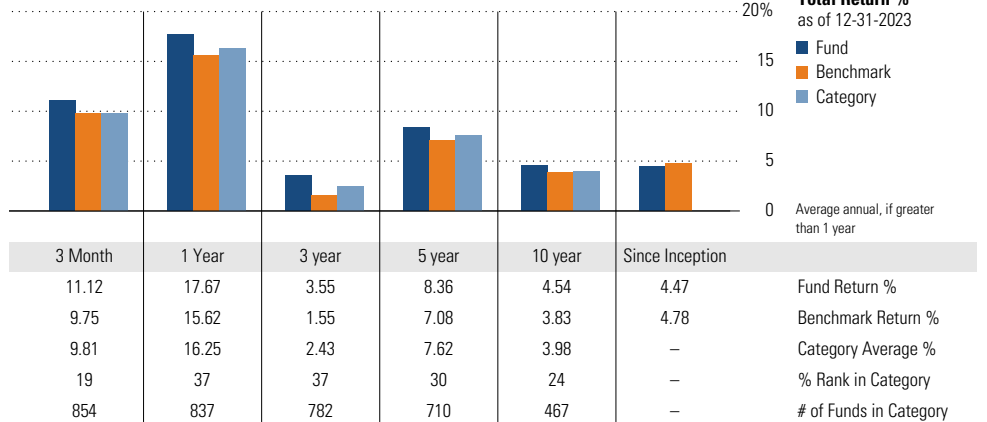
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

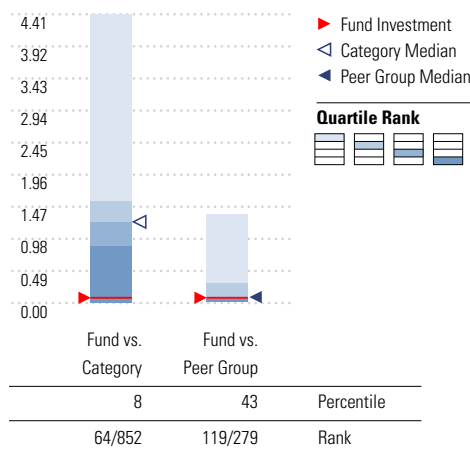
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	17.84	-	17.19
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	13.69	13.68	13.39
Price/Book Ratio	1.58	1.70	1.77
Geom Avg Mkt Cap \$B	31.81	45.04	56.58
ROE	16.62	17.63	20.30

# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

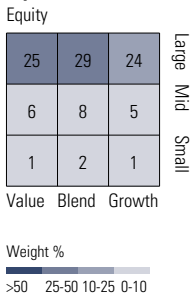
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	0.82	3.44
Non-US Stocks	97.42	94.60
Bonds	0.00	0.47
Cash	1.58	1.96
Other	0.19	-0.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## World Regions % Equity 12-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	36.03	35.35	Americas	10.38	8.53	Greater Europe	53.58	56.11	Market Maturity	Fund %
Japan	21.10	19.01	North America	10.35	7.24	United Kingdom	11.86	13.74	Developed Markets	99.41
Australasia	6.99	4.85	Central/Latin	0.03	1.29	W euro-ex UK	40.76	41.43	Emerging Markets	0.59
Asia-4 Tigers	7.76	6.48				Emrgng Europe	0.37	0.09	Not Available	0.00
Asia-ex 4 Tigers	0.18	5.01				Africa	0.59	0.85		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Novo Nordisk A/S Class B	1.45	1.45	-	Healthcare
⊕ Nestle SA	1.39	2.84	1.41	Consumer Defensive
⊕ ASML Holding NV	1.33	4.18	-	Technology
⊕ Samsung Electronics Co Ltd	1.29	5.46	-	Technology
⊖ Slcmt1142	1.16	6.62	-	-
⊕ Toyota Motor Corp	0.98	7.60	38.16	Consumer Cyclical
⊖ Shell PLC	0.97	8.57	-	Energy
⊕ Novartis AG Registered Shares	0.94	9.51	-	Healthcare
⊕ Roche Holding AG	0.90	10.41	-	Healthcare
⊕ Lvmh Moet Hennessy Louis Vuitton SE	0.90	11.31	-	Consumer Cyclical

**Total Holdings 4027**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Inter-Term Bond Index Adm VBILX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

Joshua Barrickman since 04-2008

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.69 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 87.04% lower than the Intermediate Core Bond category average.

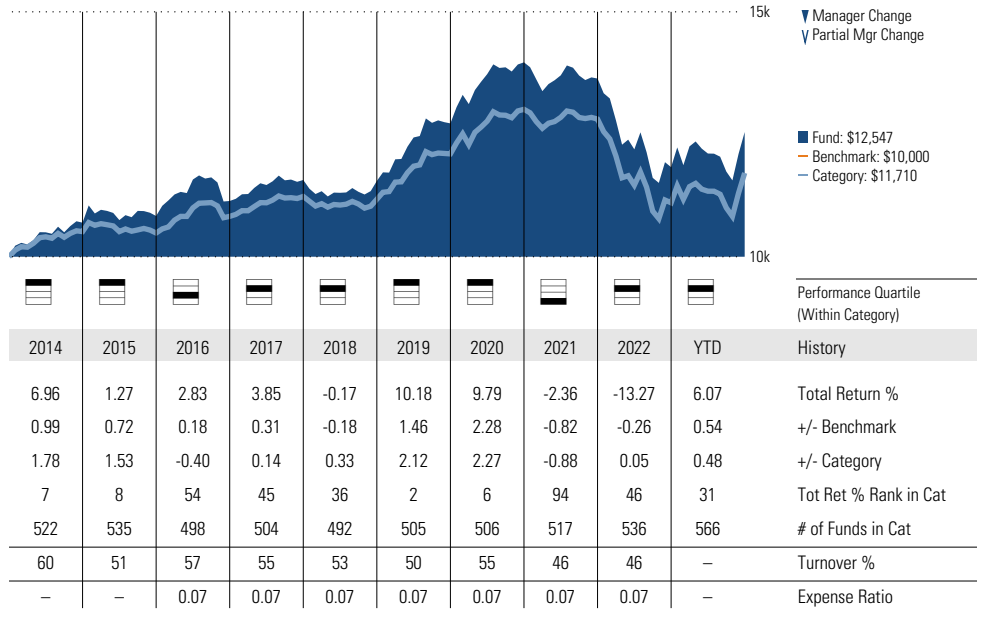
## Morningstar Investment Management LLC Analysis

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.

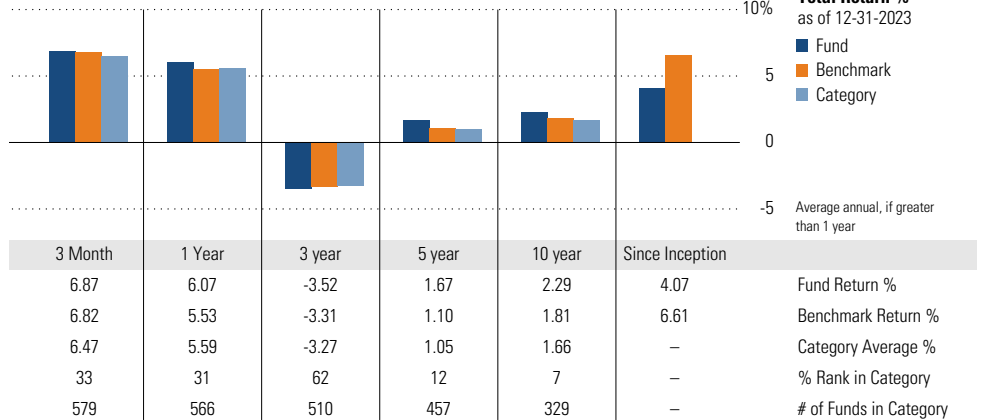
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
ESG Commitment	1-Low	02-15-2022

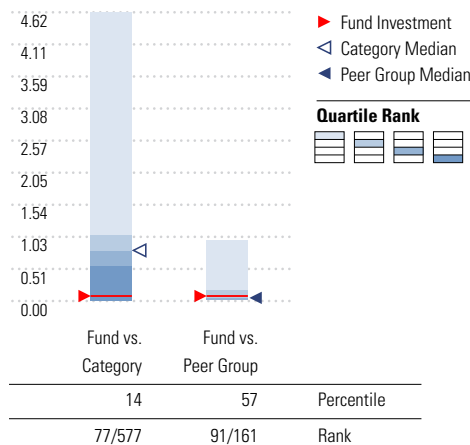
## Growth of \$10,000



## 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	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	7.77	-	7.20
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.22	4.43	5.99
Avg Eff Maturity	7.30	-	8.56

# Vanguard Interm-Term Bond Index Adm VBILX

**Morningstar Category**  
Intermediate Core Bond

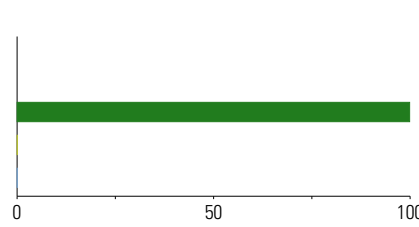
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 12-31-2023

### Style Breakdown



## Asset Allocation as of 12-31-2023

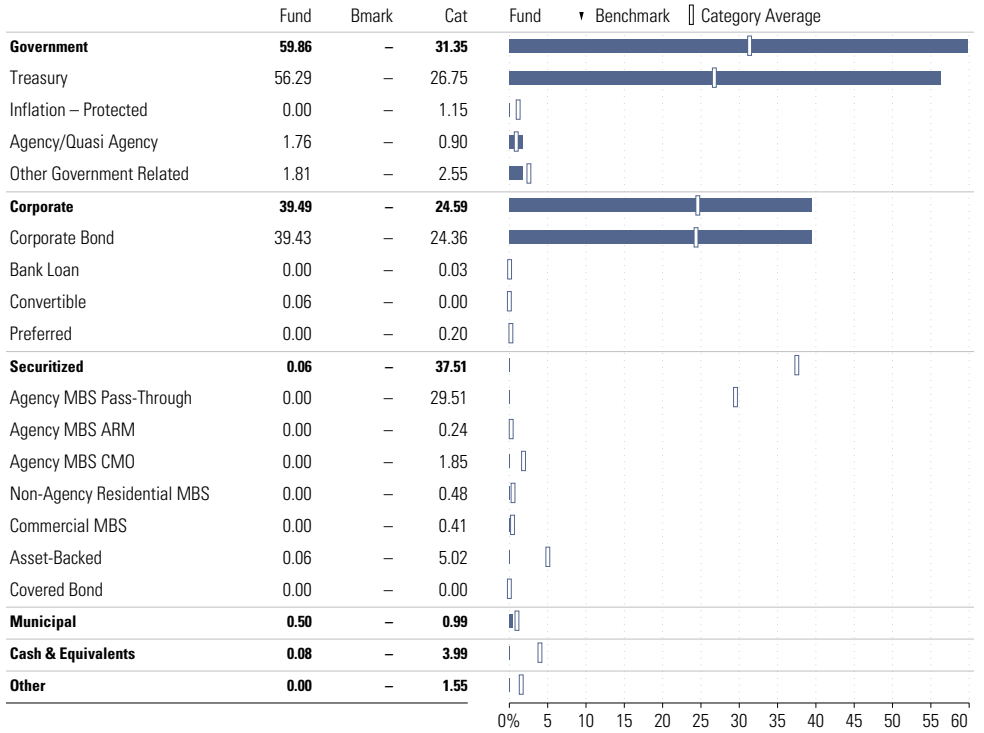


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	99.88	95.29
Cash	0.08	2.18
Other	0.04	2.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	57.71	3.53	27.80
AA	2.39	74.59	41.94
A	18.39	10.82	13.94
BBB	21.55	8.32	13.42
BB	0.00	0.28	0.68
B	0.00	0.00	0.33
Below B	0.00	0.00	0.44
Not Rated	-0.04	2.46	1.46

## Sector Weighting as of 12-31-2023



## Top 10 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	-	2.33	2.33	-
⊕ United States Treasury Notes	-	2.28	4.61	-
United States Treasury Notes	-	2.11	6.72	-
United States Treasury Notes	-	2.06	8.78	-
⊕ United States Treasury Notes	-	2.03	10.81	-
⊕ United States Treasury Notes	-	2.01	12.81	-
⊖ United States Treasury Notes	-	2.00	14.81	-
⊖ United States Treasury Notes	-	1.99	16.80	-
United States Treasury Notes	-	1.96	18.76	-
⊕ United States Treasury Notes	-	1.94	20.70	-

**Total Holdings 2157**

⊕ 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  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the 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 86.96% lower than the Moderately Conservative Allocation category average.

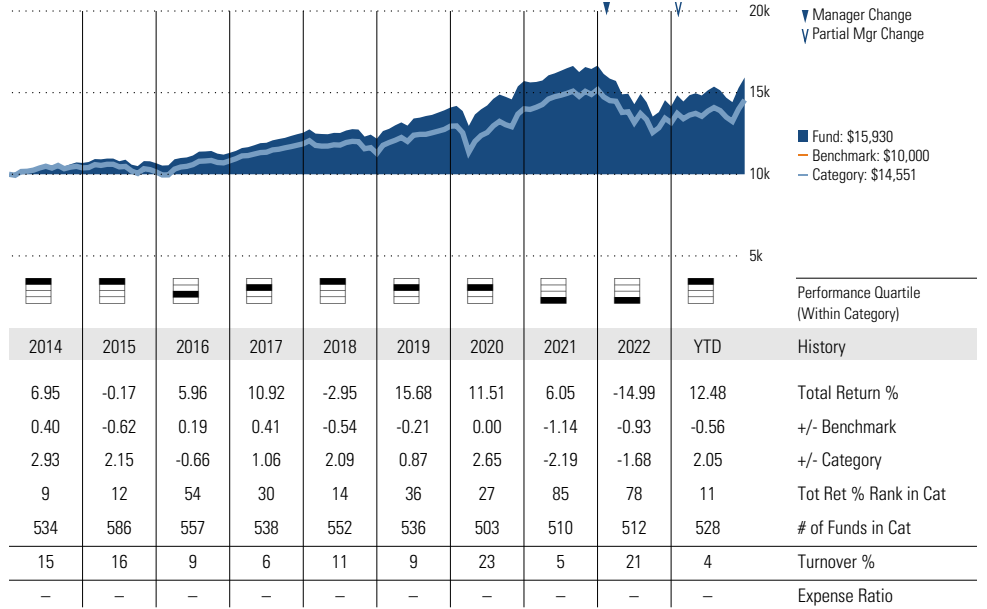
## Morningstar Investment Management LLC Analysis

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.

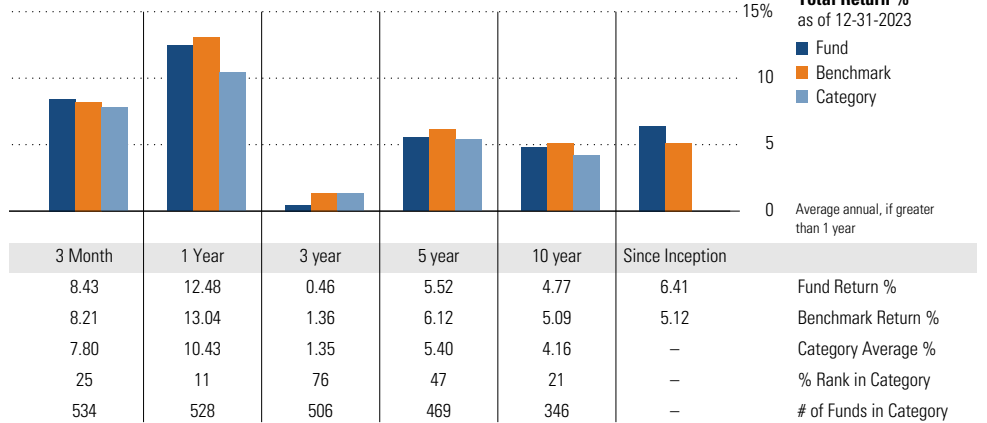
## ESG Metrics

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

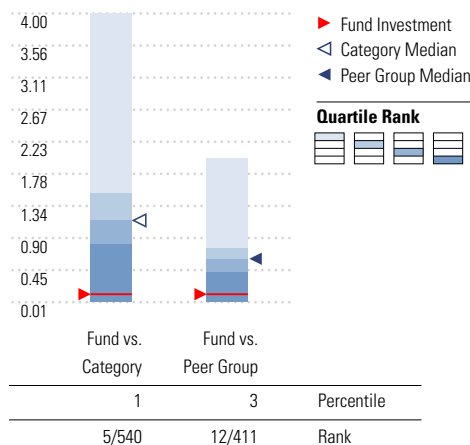
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	10.09	-	9.86
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.81	19.22	19.56
Price/Book Ratio	2.45	2.81	2.99
Avg Eff Duration	6.56	5.80	5.34

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

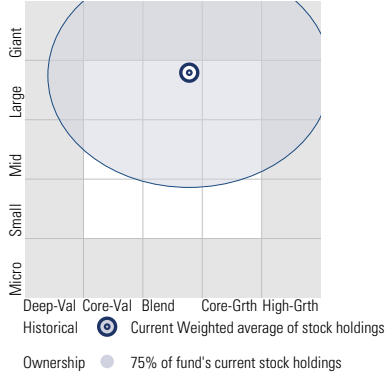
**Morningstar Category**  
Moderately Conservative

**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR USD

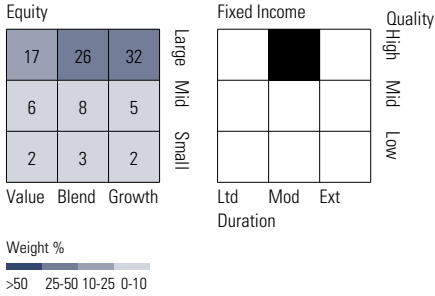
Allocation

## Style Analysis as of 12-31-2023

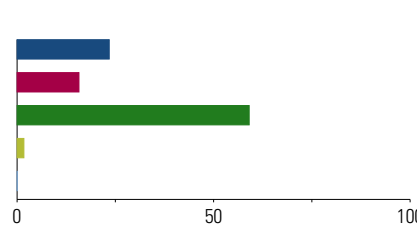
Morningstar Style Box™



## Style Breakdown

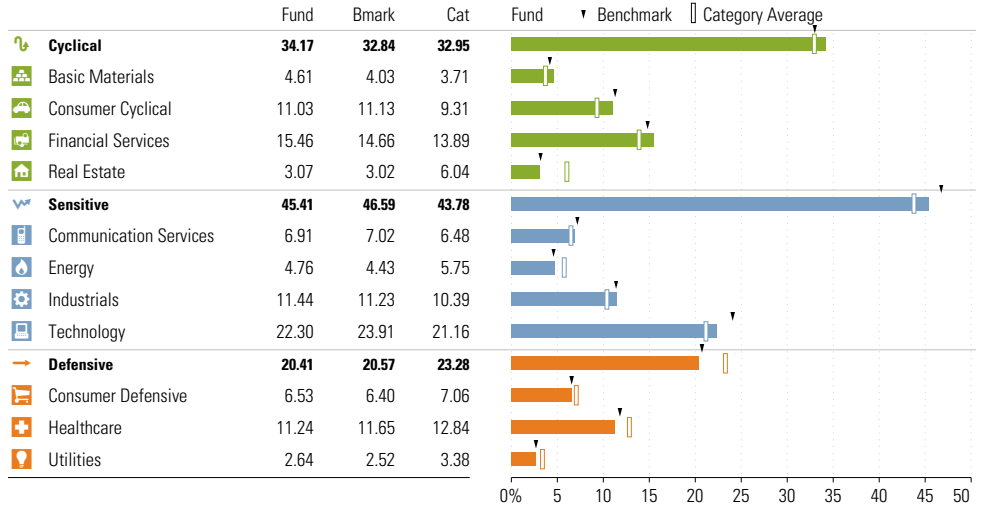


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	23.44	27.62
Non-US Stocks	15.74	6.90
Bonds	59.05	55.73
Cash	1.73	4.46
Other	0.04	5.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	41.69	41.69	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	23.55	65.24	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	17.88	83.13	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	16.11	99.24	—	—
⊕ Mktliq 12/31/2049	—	0.75	100.00	—	—
⊖ Us Dollar	—	0.00	100.00	—	—

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Growth Inv VASGX

**Morningstar Category**  
Moderately Aggressive

**Morningstar Index**

Morningstar US Mod Agg Tgt Alloc NR USD

Allocation

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the 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 85.71% lower than the Moderately Aggressive Allocation category average.

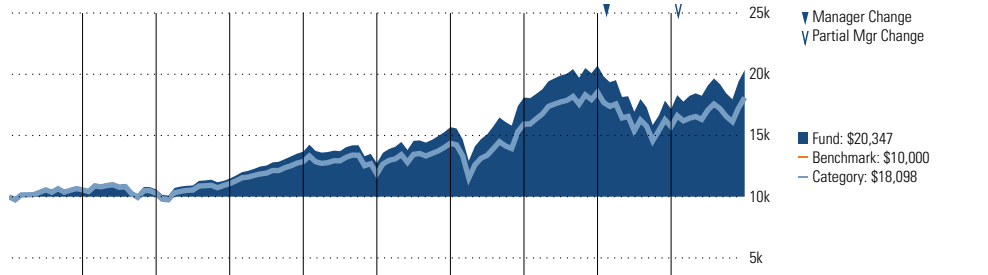
## Morningstar Investment Management LLC Analysis

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

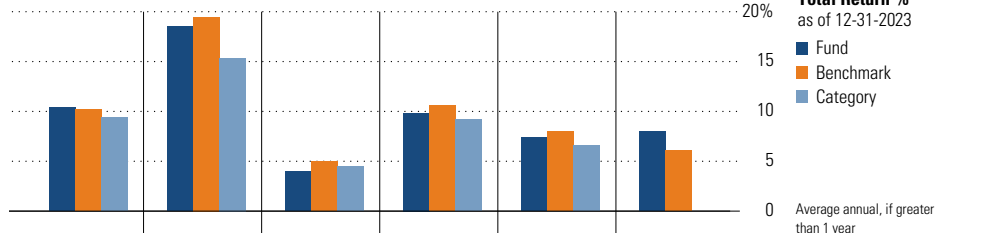
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000



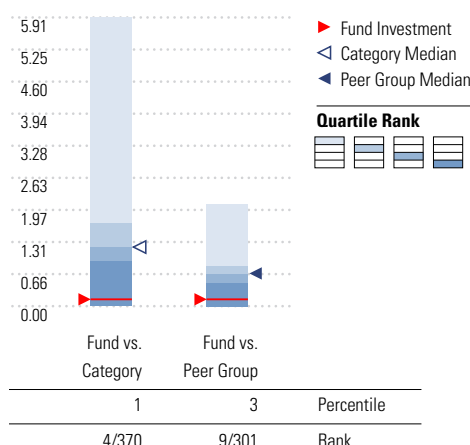
Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	7.18	-1.17	8.33	19.21	-6.90	23.13	15.45	14.35	-17.09	18.55	Total Return %
+/- Benchmark	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-0.33	-1.30	-0.78	-0.91	+/- Benchmark
+/- Category	1.47	1.60	0.40	3.41	1.03	1.78	1.94	-2.15	-2.13	3.19	+/- Category
Tot Ret % Rank in Cat	20	30	34	20	34	32	27	70	63	22	Tot Ret % Rank in Cat
# of Funds in Cat	409	437	390	364	373	363	351	358	357	366	# of Funds in Cat
Turnover %	10	13	5	6	10	6	13	4	8	3	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Category Average %
Fund Return %	10.36	18.55	3.97	9.83	7.36	7.98	7.98
Benchmark Return %	10.17	19.46	4.96	10.61	7.97	6.07	6.07
Category Average %	9.38	15.36	4.44	9.17	6.58	-	-
% Rank in Category	24	22	55	32	24	-	-
# of Funds in Category	370	366	350	324	250	-	-

## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	14.41	-	14.13
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.86	19.38	19.32
Price/Book Ratio	2.46	2.86	2.79
Avg Eff Duration	6.57	5.80	6.02

# Vanguard LifeStrategy Growth Inv VASGX

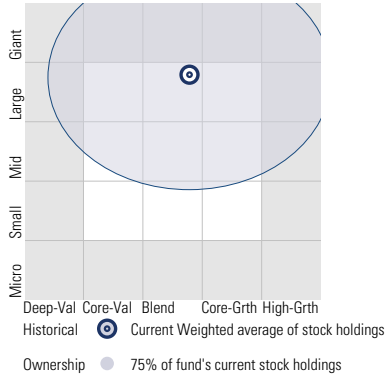
**Morningstar Category**  
Moderately Aggressive

**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR USD

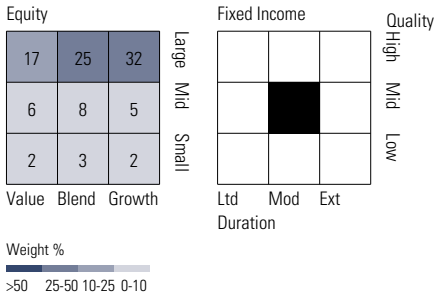
Allocation

## Style Analysis as of 12-31-2023

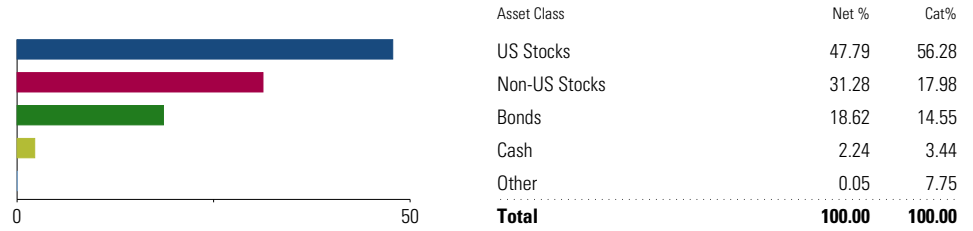
Morningstar Style Box™



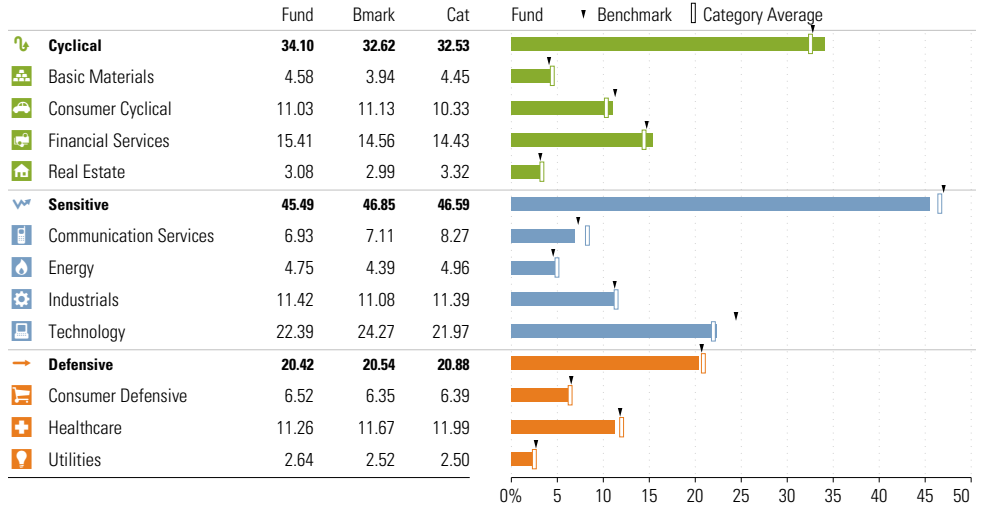
## Style Breakdown



## Asset Allocation as of 12-31-2023



## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	48.04	48.04	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	32.03	80.06	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.01	93.08	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	5.78	98.86	—	—
⊕ Mktliq 12/31/2049	—	1.15	100.01	—	—
⊕ Us Dollar	—	0.01	100.01	—	—

**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 88.66% lower than the Conservative Allocation category average.

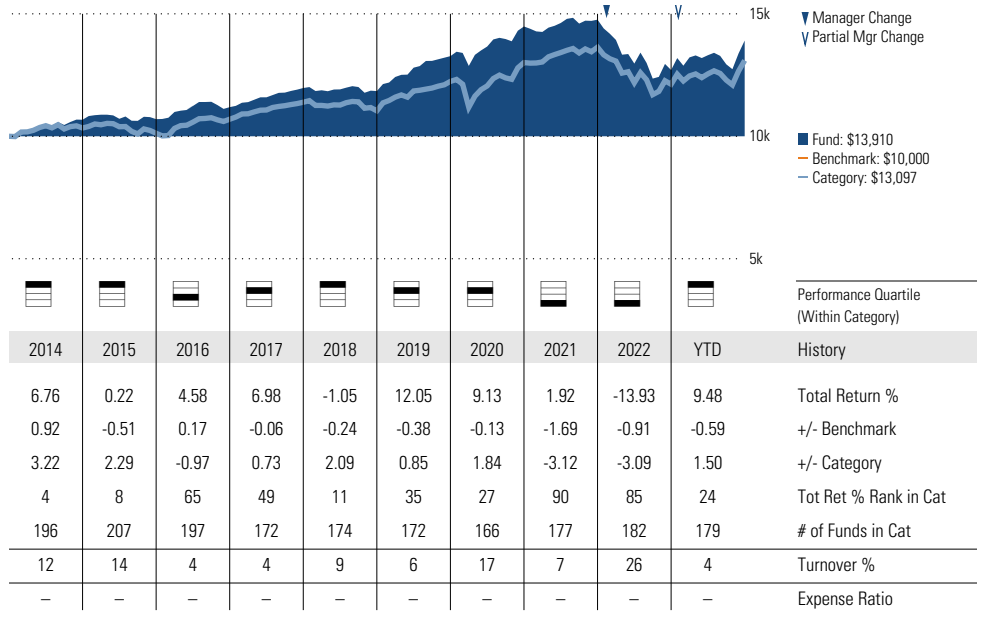
## Morningstar Investment Management LLC Analysis

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.

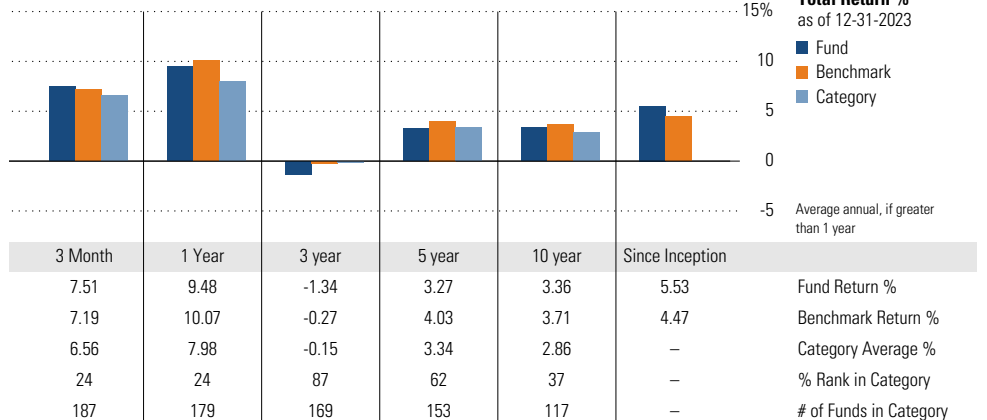
## ESG Metrics

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

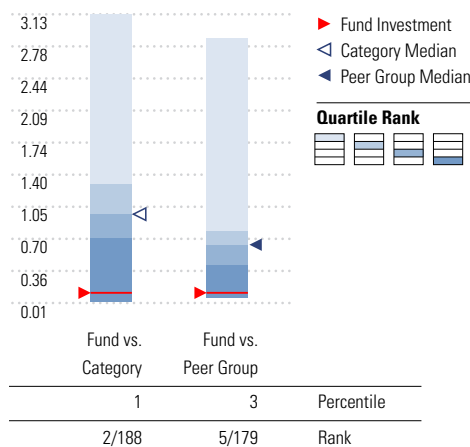
## Growth of \$10,000



## 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	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	8.18	-	7.87
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	19.44	19.61
Price/Book Ratio	2.44	2.87	3.13
Avg Eff Duration	6.56	5.80	5.06

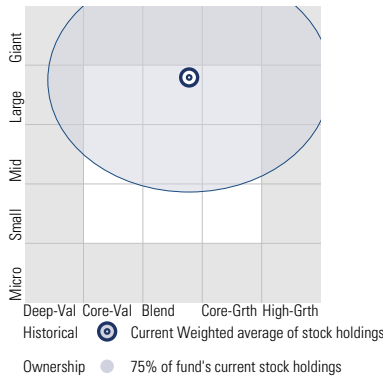
# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Conservative Allocation

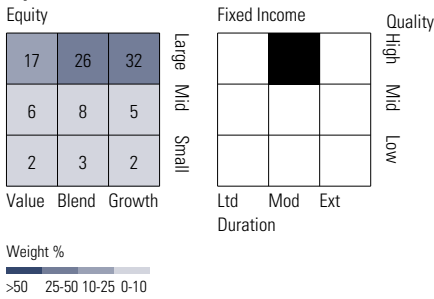
**Morningstar Index**  
Morningstar US Con Tgt Alloc NR USD

## Style Analysis as of 12-31-2023

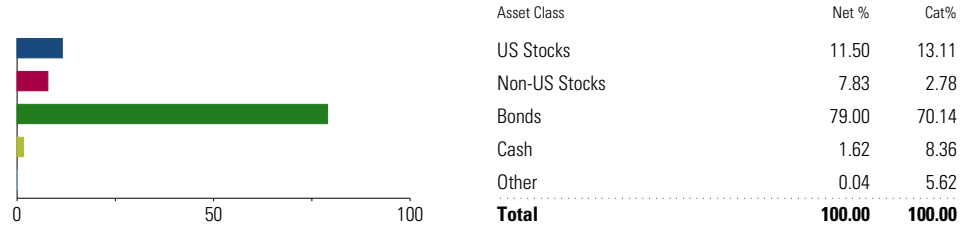
Morningstar Style Box™



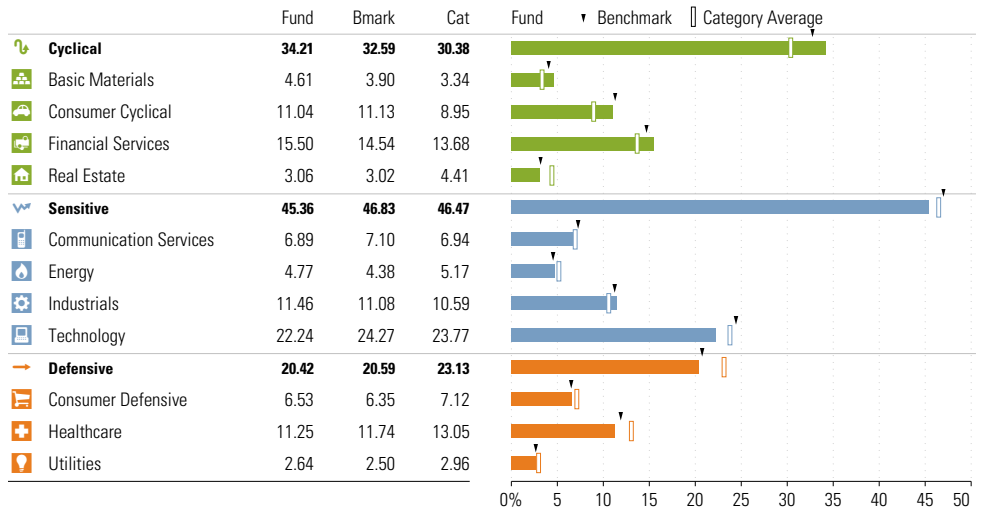
## Style Breakdown



## Asset Allocation as of 12-31-2023



## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	55.82	55.82	-	-
⊖ Vanguard Total Intl Bd II Idx Investor	-	23.89	79.71	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	11.56	91.27	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	8.02	99.29	-	-
⊕ Mktliq 12/31/2049	-	0.71	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

## 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  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the 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% lower than the Moderate Allocation category average.

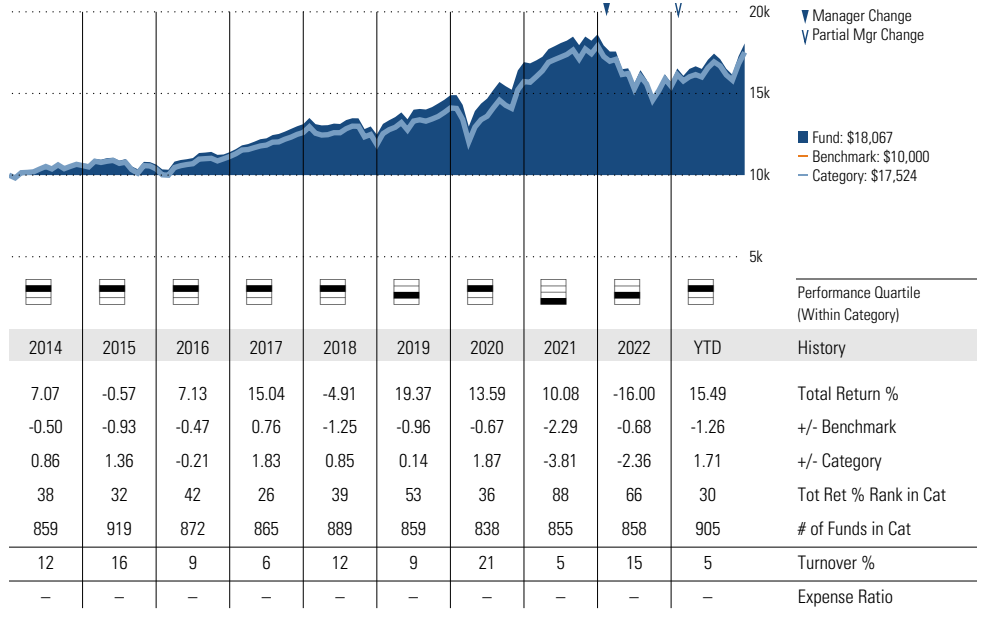
## Morningstar Investment Management LLC Analysis

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.

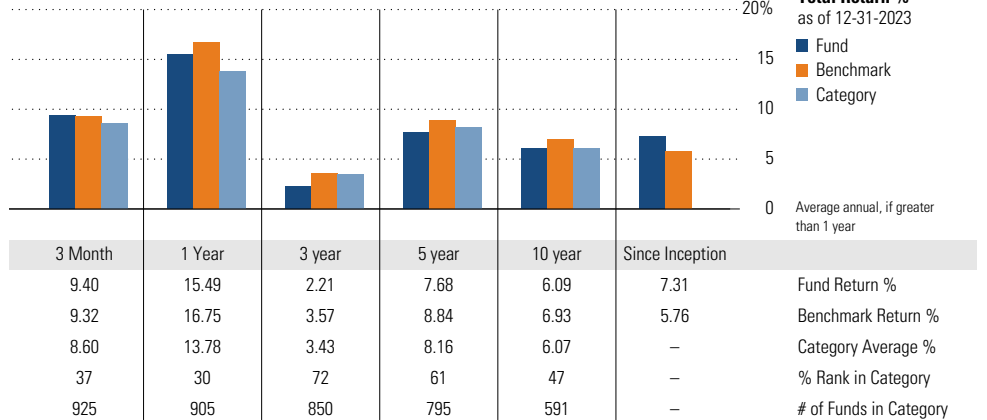
## ESG Metrics

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

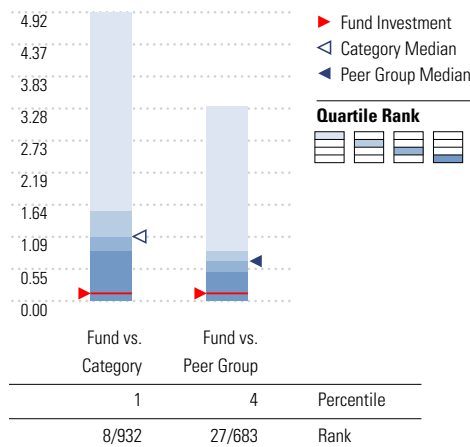
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	12.21	-	12.19
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	20.07	20.57
Price/Book Ratio	2.45	3.06	3.30
Avg Eff Duration	6.56	5.80	5.25

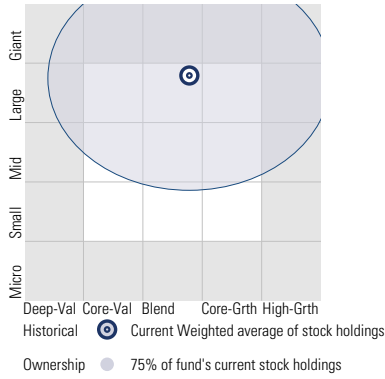
# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

**Morningstar Category**  
Moderate Allocation

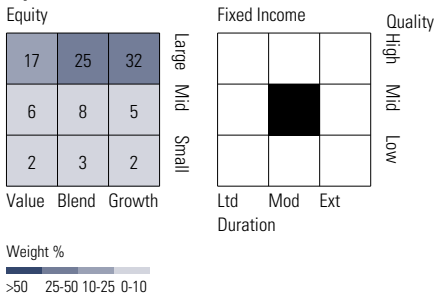
**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 12-31-2023

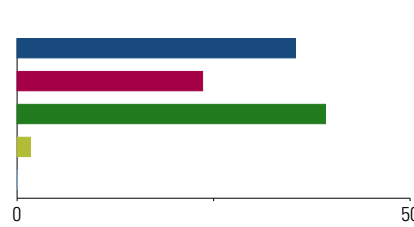
Morningstar Style Box™



## Style Breakdown

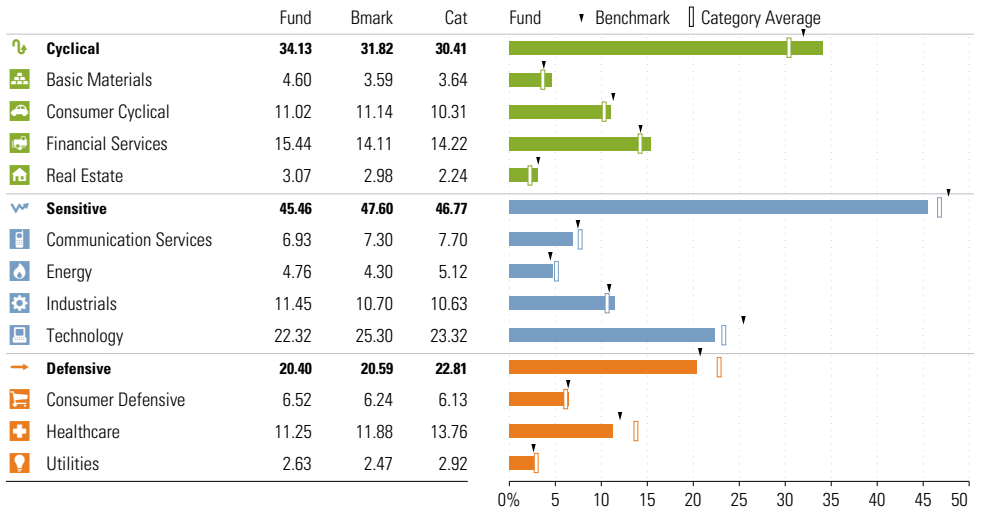


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	35.42	47.03
Non-US Stocks	23.60	9.63
Bonds	39.23	35.74
Cash	1.70	3.61
Other	0.05	4.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	35.60	35.60	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	27.67	63.27	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	24.16	87.43	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	11.90	99.34	-	-
⊕ Mktliq 12/31/2049	-	0.71	100.05	-	-
⊕ Us Dollar	-	0.05	100.09	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid Cap Index Admiral VIMAX

**Morningstar Category**  
Mid-Cap Blend

**Morningstar Index**  
Russell Mid Cap TR USD

## Portfolio Manager(s)

Awais Khan since 07-2021  
Aurélie Denis since 02-2023  
Aaron Choi since 08-2023

## Quantitative Screens

- ✓ **Performance:** The fund has finished in the Mid-Cap Blend 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 Blend — 100 % of the time over the past three years.
- ✓ **Net Expense:** The fund's expense ratio of 0.05 is 94.12% lower than the Mid-Cap Blend category average.

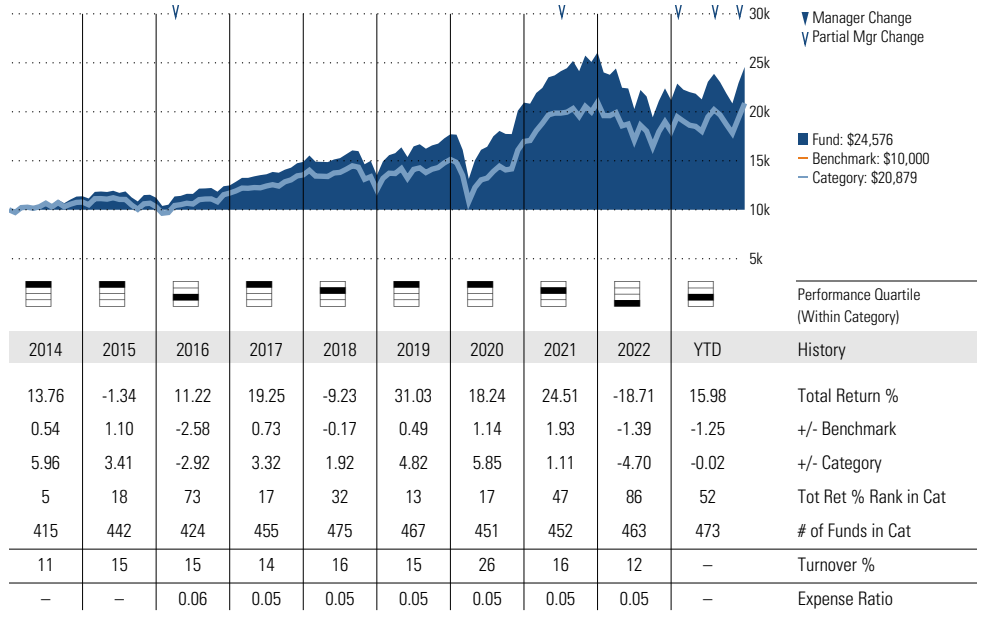
## Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen due to the retirement of a long-serving manager. Since this is a team-managed index fund, we are not concerned about the change.

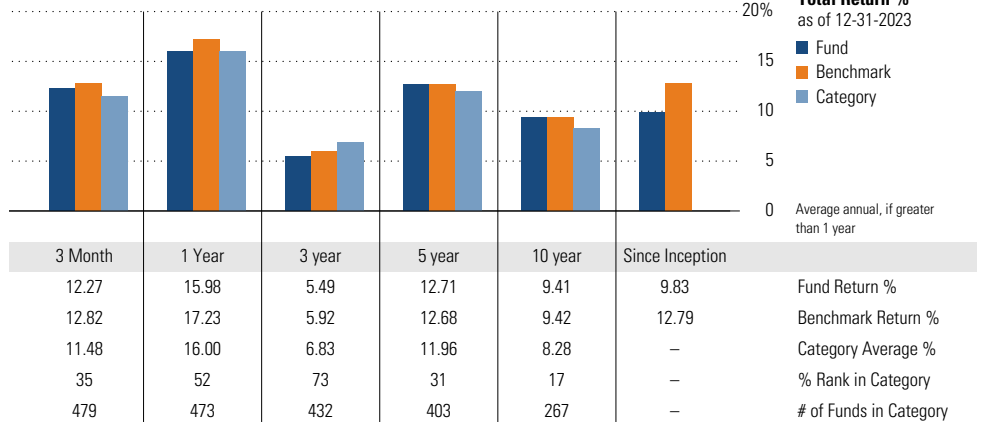
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

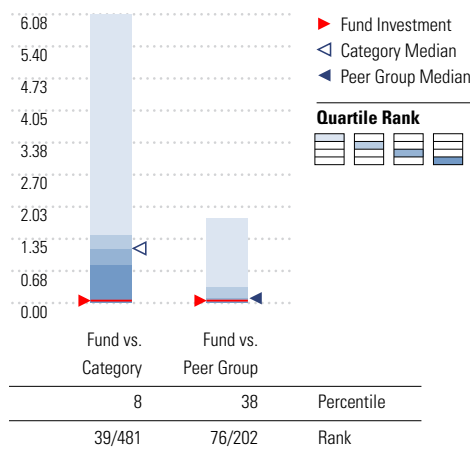
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	19.20	-	19.32
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	18.71	16.19
Price/Book Ratio	2.95	2.79	2.75
Geom Avg Mkt Cap \$B	27.67	19.61	11.57
ROE	17.28	16.71	20.06

# Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

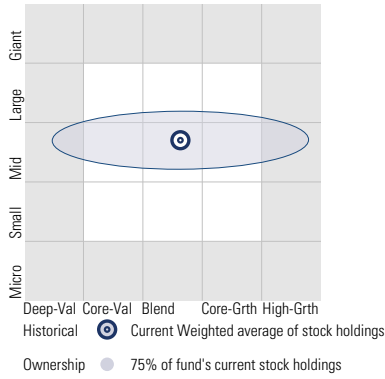
Mid-Cap Blend

Morningstar Index

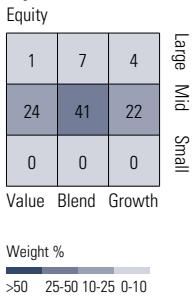
Russell Mid Cap TR USD

## Style Analysis as of 12-31-2023

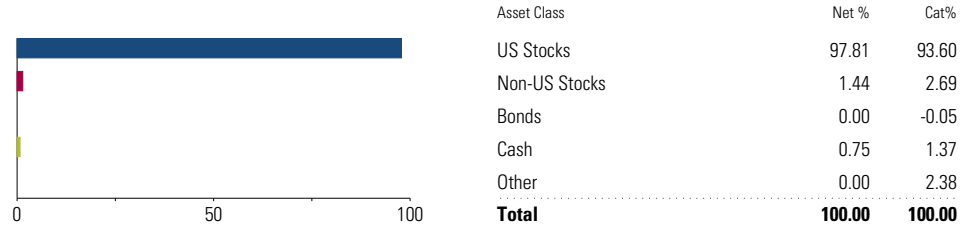
Morningstar Style Box™



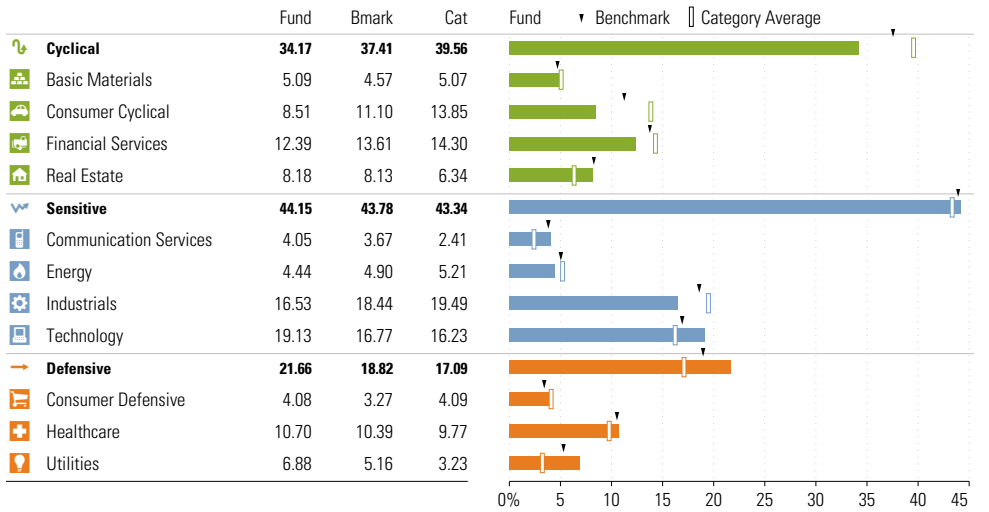
## Style Breakdown



## Asset Allocation as of 12-31-2023



## Sector Weighting as of 12-31-2023



## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Amphenol Corp Class A	0.85	0.85	31.31	Technology
Arista Networks Inc	0.84	1.70	94.07	Technology
TransDigm Group Inc	0.77	2.46	66.22	Industrials
Cintas Corp	0.75	3.21	34.55	Industrials
Motorola Solutions Inc	0.75	3.96	22.89	Technology
PACCAR Inc	0.74	4.70	54.43	Industrials
Welltower Inc	0.72	5.42	41.28	Real Estate
Microchip Technology Inc	0.70	6.12	30.63	Technology
Arthur J. Gallagher & Co	0.70	6.82	20.44	Financial Services
Carrier Global Corp Ordinary Shares	0.69	7.52	41.08	Industrials
DexCom Inc	0.69	8.21	9.58	Healthcare
PG&E Corp	0.66	8.87	10.95	Utilities
D.R. Horton Inc	0.62	9.49	71.67	Consumer Cyclical
Nucor Corp	0.62	10.10	33.61	Basic Materials
MSCI Inc	0.61	10.72	22.79	Financial Services

Total Holdings 336

⊕ 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 27.65 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 90.91 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

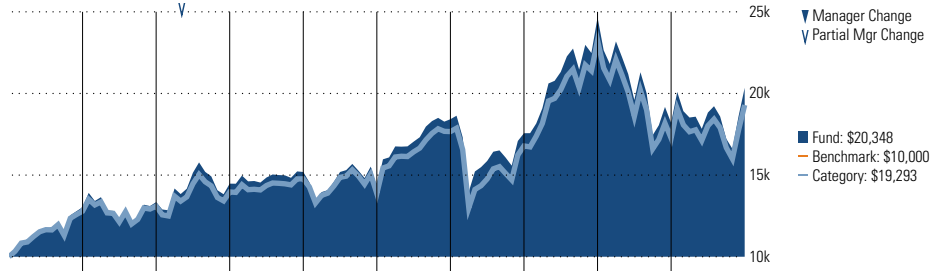
## Morningstar Investment Management LLC Analysis

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

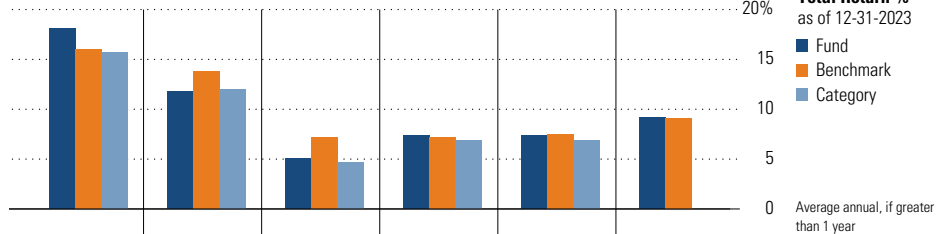
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



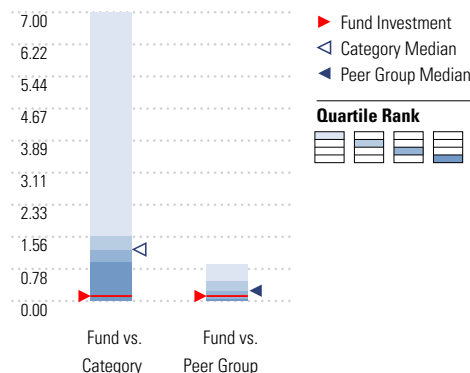
Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	Performance Quartile (Within Category)
Total Return %	30.32	2.39	8.50	4.94	-5.95	28.94	-4.65	40.40	-26.20	11.81	History
+/- Benchmark	0.06	-0.15	0.01	0.61	-2.16	4.49	2.87	-2.65	-1.84	-1.96	
+/- Category	2.29	-0.02	1.61	-1.28	0.02	1.66	-0.16	1.67	-0.53	-0.22	
Tot Ret % Rank in Cat	32	64	18	57	58	29	44	59	61	52	
# of Funds in Cat	281	302	277	265	260	274	262	268	269	265	
Turnover %	11	8	11	7	6	24	6	8	7	7	
Expense Ratio	-	-	0.12	0.12	0.12	0.11	0.12	0.12	0.12	0.12	

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Metric
Fund Return %	18.13	11.81	5.02	7.33	7.36	9.13	
Benchmark Return %	16.04	13.77	7.17	7.22	7.50	9.03	
Category Average %	15.71	12.03	4.63	6.83	6.82	-	
% Rank in Category	12	52	62	43	44	-	
# of Funds in Category	269	265	249	227	166	-	

## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	21.73	-	20.76
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	35.05	38.46	33.75
Price/Book Ratio	2.36	2.42	2.44
Geom Avg Mkt Cap \$B	23.58	9.35	33.46
ROE	11.38	9.56	14.91

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

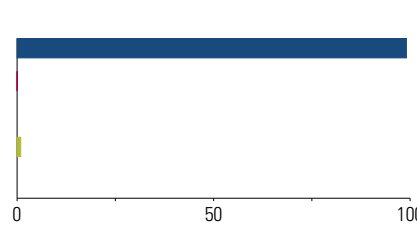
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Asset Allocation as of 12-31-2023

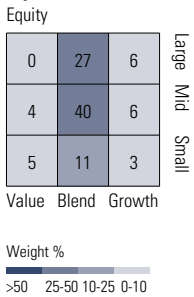


Asset Class	Net %	Cat%
US Stocks	99.06	84.34
Non-US Stocks	0.02	0.87
Bonds	0.00	3.00
Cash	0.92	0.92
Other	0.00	10.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.16</b>	<b>99.13</b>	<b>99.30</b>			
Basic Materials	0.00	0.00	0.04			
Consumer Cyclical	0.00	0.13	1.73			
Financial Services	0.00	0.00	0.27			
Real Estate	99.16	99.00	97.26			
<b>Sensitive</b>	<b>0.84</b>	<b>0.87</b>	<b>0.64</b>			
Communication Services	0.84	0.00	0.18			
Energy	0.00	0.00	0.02			
Industrials	0.00	0.87	0.25			
Technology	0.00	0.00	0.19			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.06</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.01			
Utilities	0.00	0.00	0.05			

## Style Breakdown



## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	13.19	13.19	-	-
⊖ Prologis Inc	7.64	20.83	21.33	Real Estate
⊖ American Tower Corp	6.24	27.07	4.94	Real Estate
⊖ Equinix Inc	4.67	31.74	25.17	Real Estate
⊖ Crown Castle Inc	3.10	34.84	-10.46	Real Estate
⊖ Public Storage	2.99	37.83	13.14	Real Estate
⊖ Simon Property Group Inc	2.81	40.64	27.76	Real Estate
⊖ Welltower Inc	2.80	43.43	41.28	Real Estate
⊖ Realty Income Corp	2.52	45.96	-4.65	Real Estate
⊖ Digital Realty Trust Inc	2.40	48.36	39.08	Real Estate
⊖ CoStar Group Inc	2.21	50.57	13.08	Real Estate
⊖ Extra Space Storage Inc	2.10	52.67	13.34	Real Estate
⊖ CBRE Group Inc Class A	1.79	54.46	20.96	Real Estate
⊖ VICI Properties Inc Ordinary Shares	1.74	56.20	3.36	Real Estate
⊖ SBA Communications Corp Class A	1.71	57.90	-8.28	Real Estate

**Total Holdings 165**

⊕ 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  
William Coleman since 04-2016

## 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 19.01 years.

✔ **Style:** The fund has landed in its primary style box — Small Growth — 86.67 % 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.

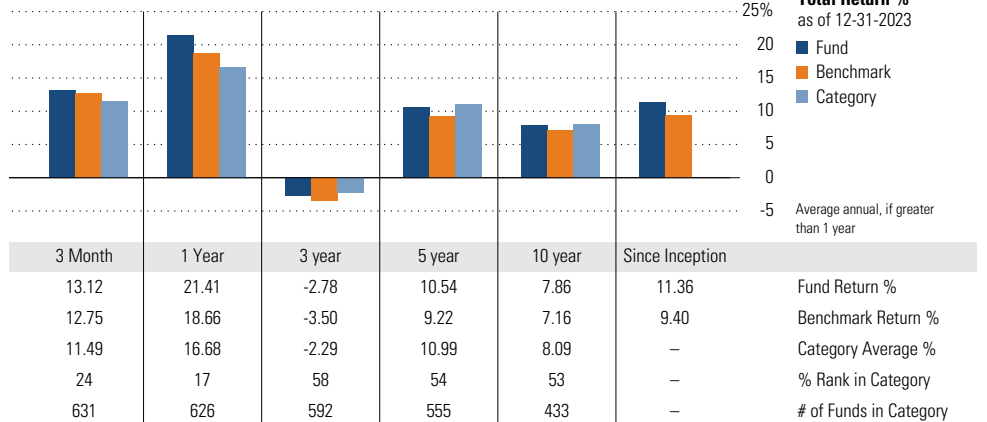
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

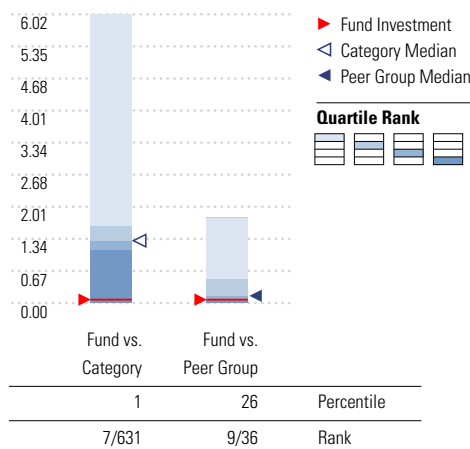
## Growth of \$10,000



## 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	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	21.73	-	21.94
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.77	21.91	26.28
Price/Book Ratio	3.91	3.98	3.80
Geom Avg Mkt Cap \$B	6.54	3.00	5.97
ROE	9.50	9.00	15.98

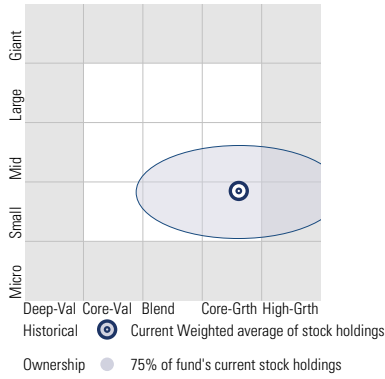
# Vanguard Small Cap Growth Index Admiral VSGAX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2023

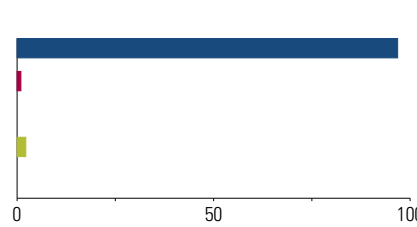
Morningstar Style Box™



## Style Breakdown

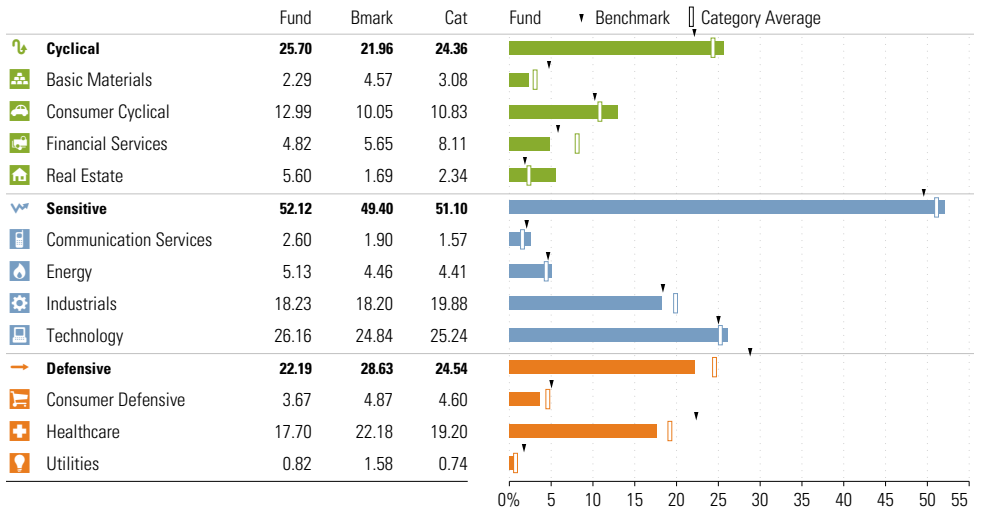


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	96.83	92.40
Non-US Stocks	0.96	4.37
Bonds	0.00	0.03
Cash	2.21	2.00
Other	0.00	1.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	1.92	1.92	—	—
⊖ PTC Inc	0.85	2.77	45.75	Technology
⊖ Targa Resources Corp	0.83	3.60	20.71	Energy
⊖ Axon Enterprise Inc	0.79	4.39	55.69	Industrials
⊖ Entegris Inc	0.77	5.17	83.29	Technology
⊖ Deckers Outdoor Corp	0.74	5.91	67.46	Consumer Cyclical
⊖ Vertiv Holdings Co Class A	0.71	6.62	251.79	Industrials
⊕ DraftKings Inc Ordinary Shares - Class A	0.64	7.25	209.48	Consumer Cyclical
⊖ Graco Inc	0.63	7.89	30.39	Industrials
⊕ Dynatrace Inc Ordinary Shares	0.62	8.51	42.79	Technology
⊖ Lennox International Inc	0.62	9.12	88.89	Industrials
⊖ Nordson Corp	0.58	9.71	12.24	Industrials
⊖ Exact Sciences Corp	0.58	10.28	49.42	Healthcare
⊖ Watsco Inc Class A	0.57	10.86	75.73	Industrials
⊖ Manhattan Associates Inc	0.57	11.43	77.36	Technology

**Total Holdings 641**

⊕ 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  
William Coleman since 04-2016

## 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 7.68 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 93.75% 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	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	20.55	-	21.43
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.58	11.08	13.11
Price/Book Ratio	1.76	1.33	1.61
Geom Avg Mkt Cap \$B	5.62	2.06	4.28
ROE	13.57	6.04	13.93

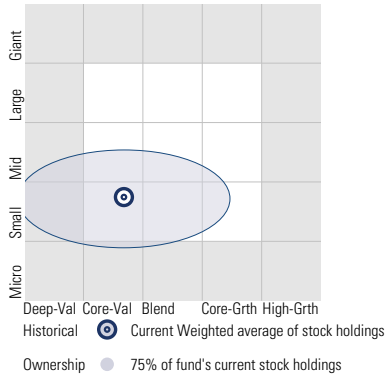
# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 12-31-2023

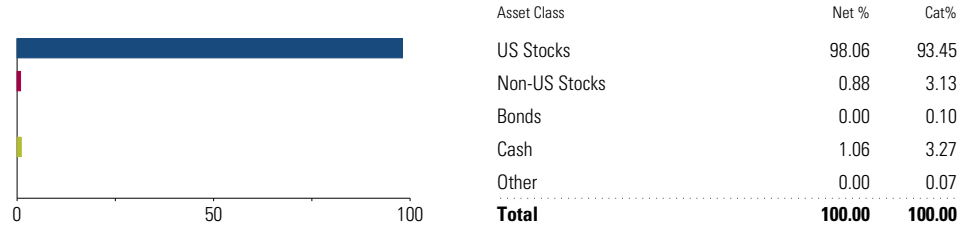
Morningstar Style Box™



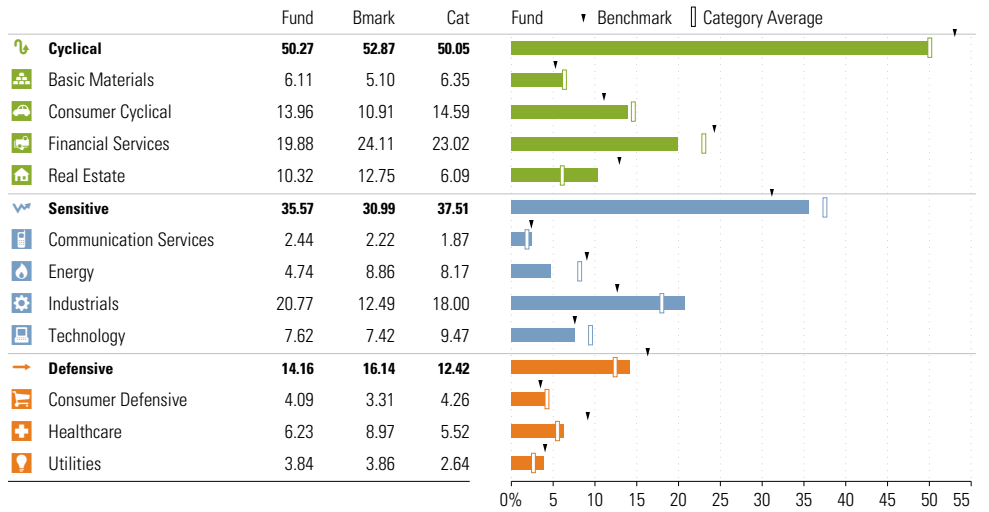
## Style Breakdown



## Asset Allocation as of 12-31-2023



## Sector Weighting as of 12-31-2023



## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	0.74	0.74	-	-
⊖ Builders FirstSource Inc	0.69	1.43	157.31	Industrials
⊖ Booz Allen Hamilton Holding Corp Class A	0.56	1.99	24.18	Industrials
⊖ IDEX Corp	0.55	2.54	-3.81	Industrials
⊕ Bunge Global SA	0.55	3.08	3.76	Consumer Defensive
⊖ Reliance Steel & Aluminum Co	0.54	3.62	40.13	Basic Materials
⊖ Atmos Energy Corp	0.53	4.16	6.12	Utilities
⊖ Jabil Inc	0.52	4.67	87.27	Technology
⊖ Carlisle Companies Inc	0.51	5.18	33.94	Industrials
⊖ First Citizens BancShares Inc Class A	0.48	5.66	87.62	Financial Services
⊖ RPM International Inc	0.48	6.14	16.32	Basic Materials
⊖ Kimco Realty Corp	0.44	6.59	5.43	Real Estate
⊖ Owens-Corning Inc	0.44	7.03	76.21	Industrials
⊖ AECOM	0.42	7.45	9.68	Industrials
⊖ Gaming and Leisure Properties Inc	0.42	7.87	0.79	Real Estate

**Total Holdings 858**

⊕ 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  
Aurélien 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 10.86 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 2020 category average.

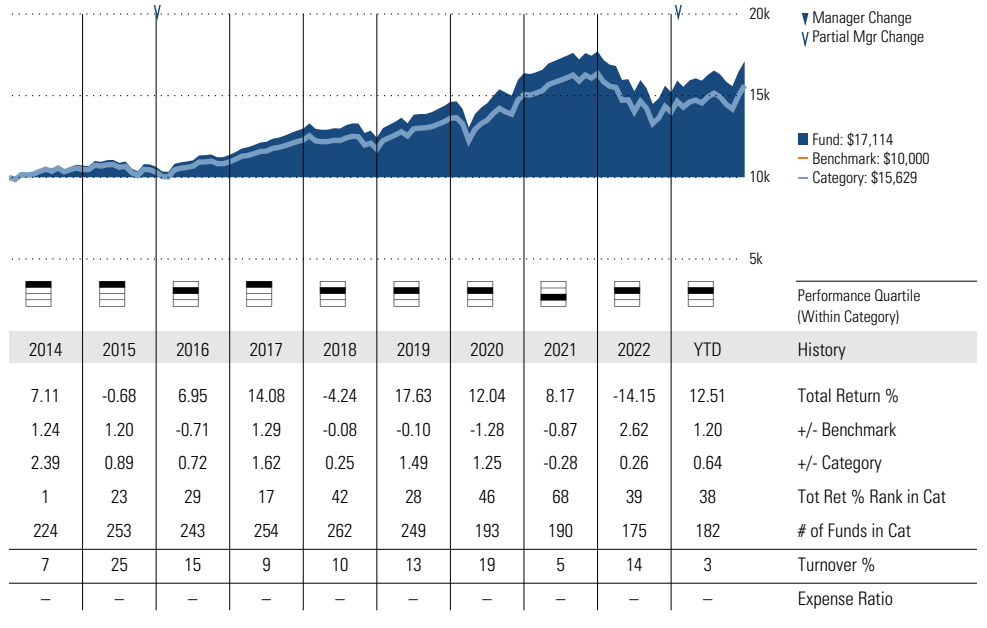
## Morningstar Investment Management LLC Analysis

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.

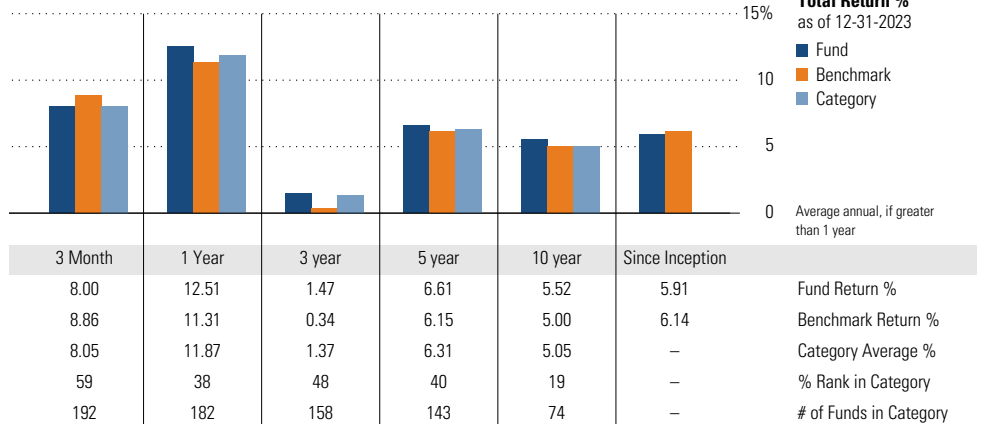
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	02-15-2022

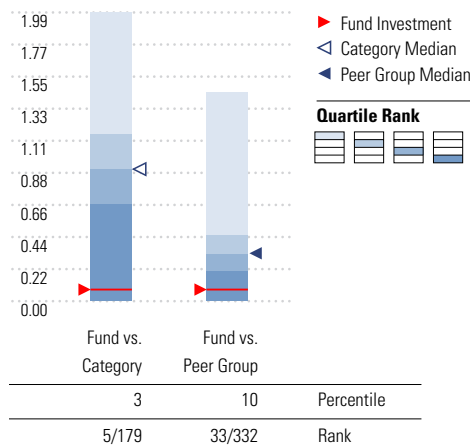
## Growth of \$10,000



## 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	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	10.04	-	10.30
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	18.56	18.37
Price/Book Ratio	2.45	2.53	2.64
Avg Eff Duration	5.78	-	5.31

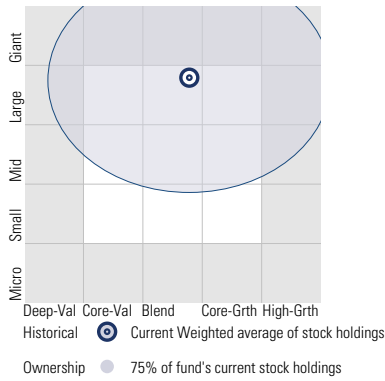
# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category**  
Target-Date 2020

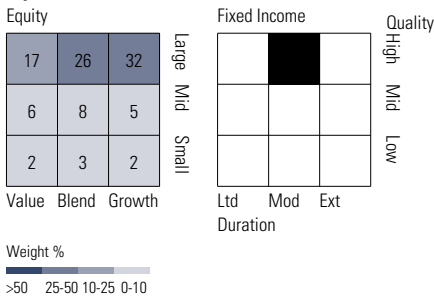
**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Style Analysis as of 12-31-2023

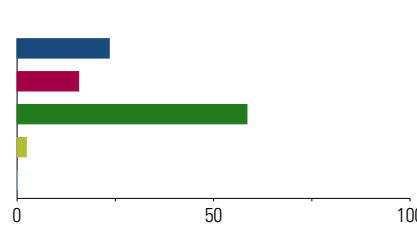
Morningstar Style Box™



## Style Breakdown

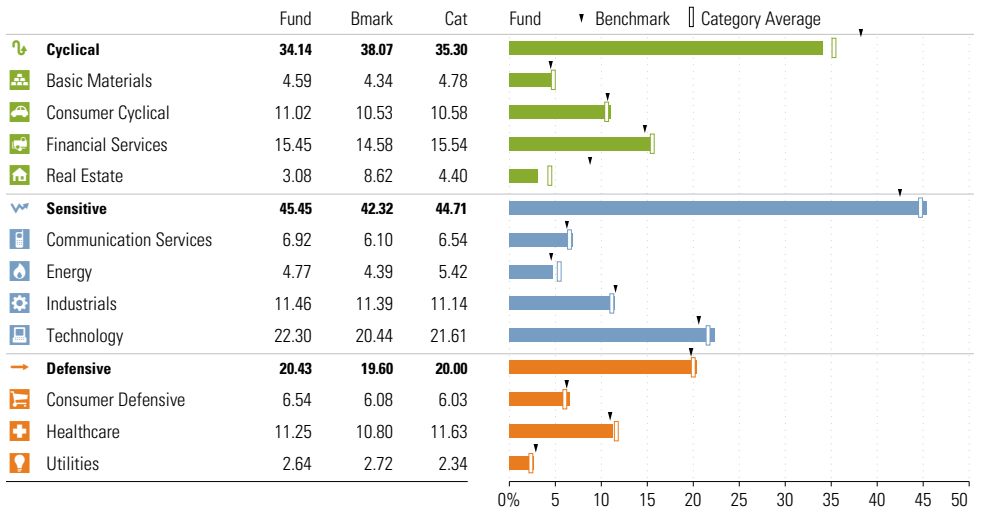


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	23.44	28.24
Non-US Stocks	15.67	16.63
Bonds	58.49	44.83
Cash	2.35	2.98
Other	0.04	7.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 7 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	33.35	33.35	—	—
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	23.56	56.91	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	16.05	72.95	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	14.61	87.56	—	—
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	11.67	99.23	—	—
⊕ Mktliq 12/31/2049	—	0.77	100.00	—	—
⊕ Us Dollar	—	0.00	100.01	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2025 Fund VTTVX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.86 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 2025 category average.

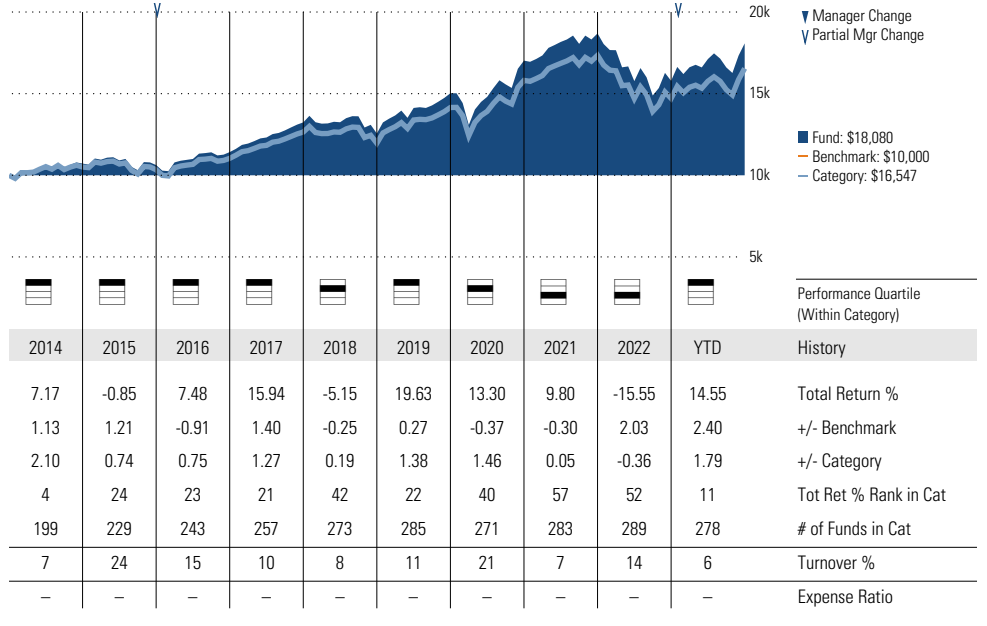
## Morningstar Investment Management LLC Analysis

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.

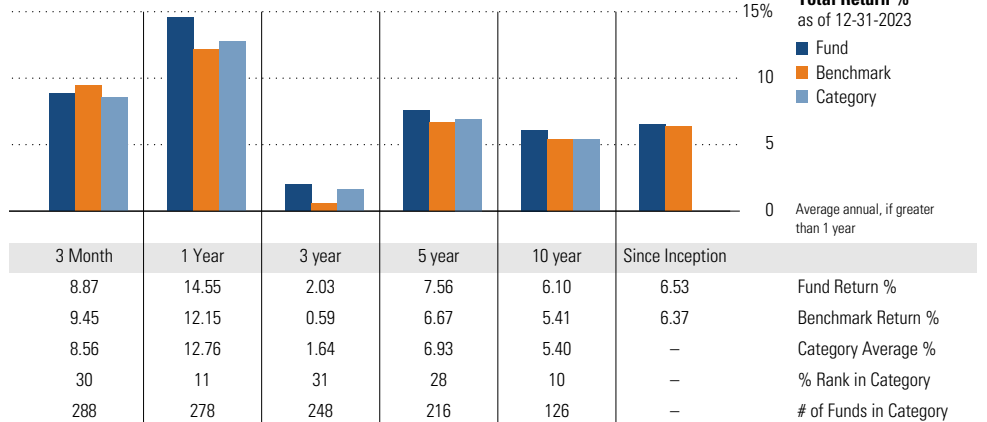
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

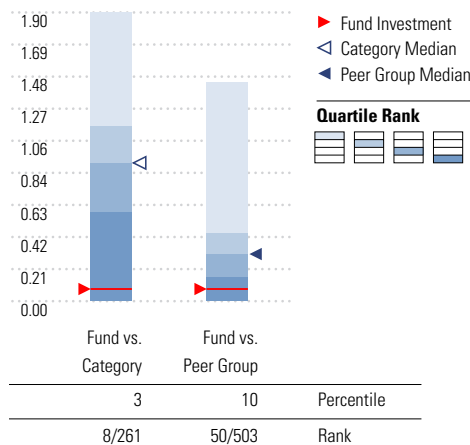
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	11.60	-	11.01
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	18.36	18.52
Price/Book Ratio	2.45	2.50	2.64
Avg Eff Duration	6.13	-	6.11

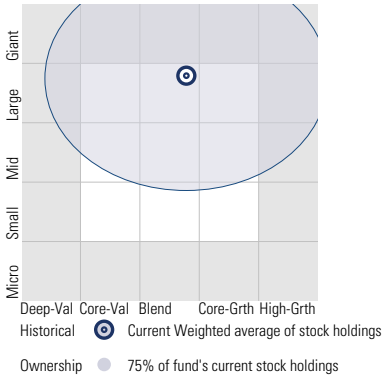
# Vanguard Target Retirement 2025 Fund VTTVX

**Morningstar Category**  
Target-Date 2025

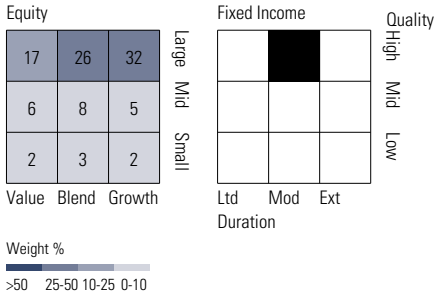
**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 12-31-2023

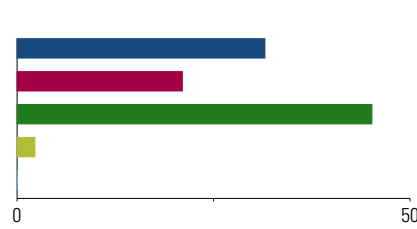
Morningstar Style Box™



## Style Breakdown

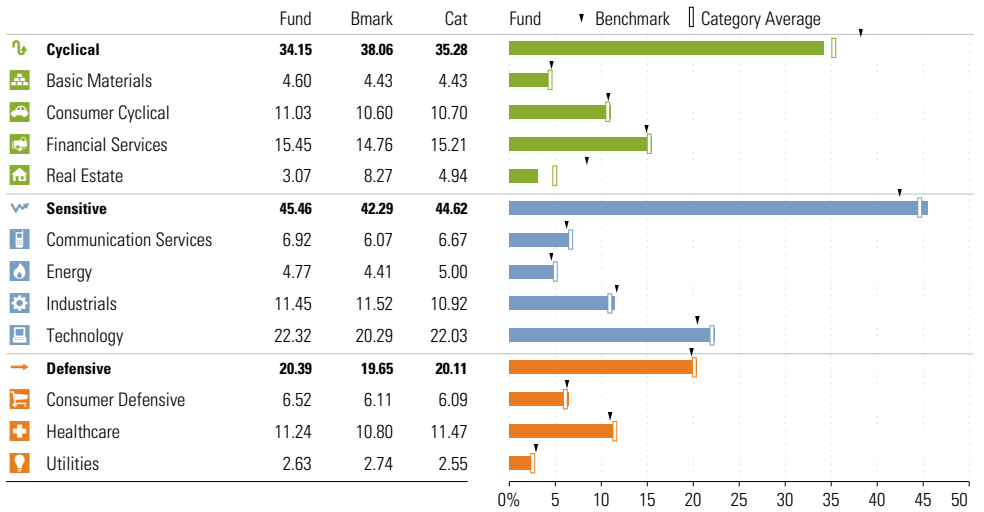


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	31.53	29.65
Non-US Stocks	21.02	15.85
Bonds	45.14	40.63
Cash	2.27	2.52
Other	0.05	11.35
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 7 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	31.69	31.69	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	28.34	60.03	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	21.52	81.55	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	12.44	93.99	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	5.03	99.02	-	-
⊕ Mktliq 12/31/2049	-	0.99	100.00	-	-
⊖ Us Dollar	-	0.00	100.01	-	-

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category**  
Target-Date 2030

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.86 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 87.3% lower than the Target-Date 2030 category average.

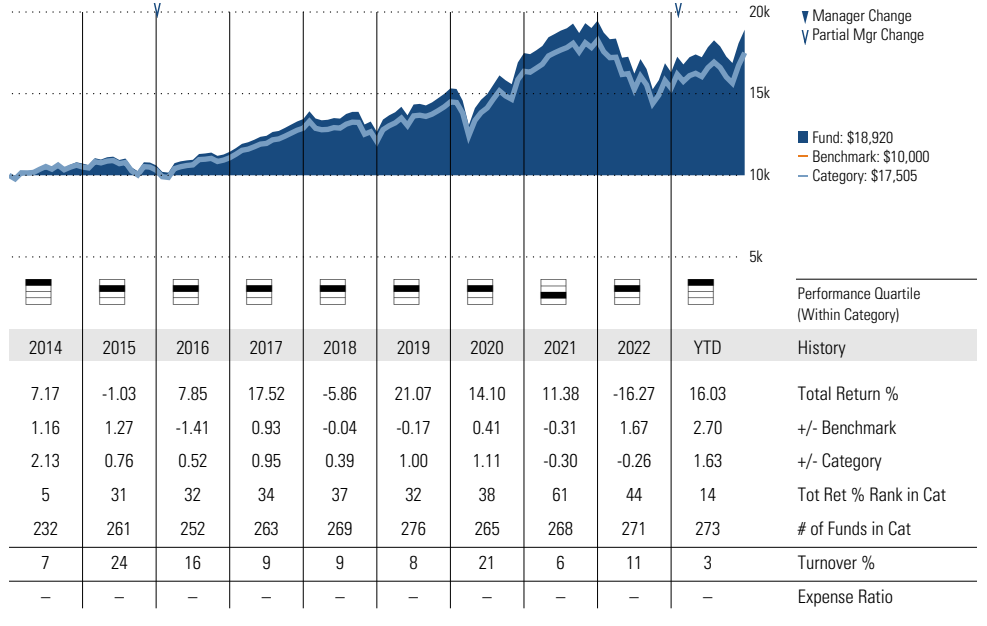
## Morningstar Investment Management LLC Analysis

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

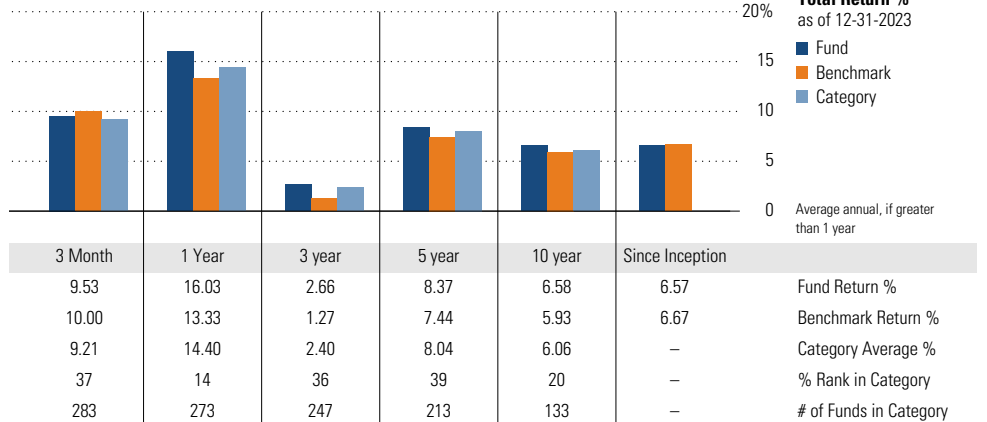
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

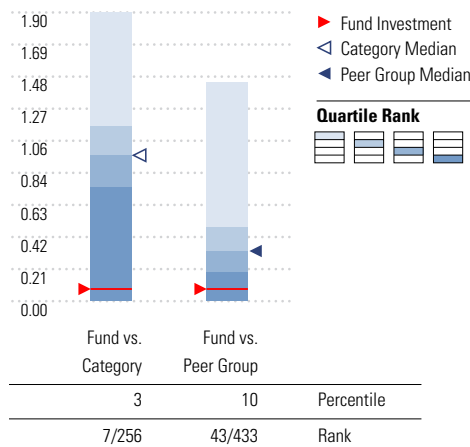
## Growth of \$10,000



## 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	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	12.65	-	12.29
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.86	18.17	18.42
Price/Book Ratio	2.46	2.46	2.69
Avg Eff Duration	6.56	-	6.67

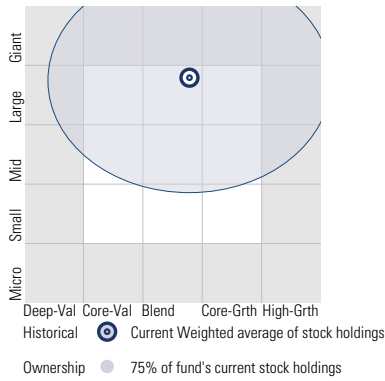
# Vanguard Target Retirement 2030 Fund VTHR

**Morningstar Category**  
Target-Date 2030

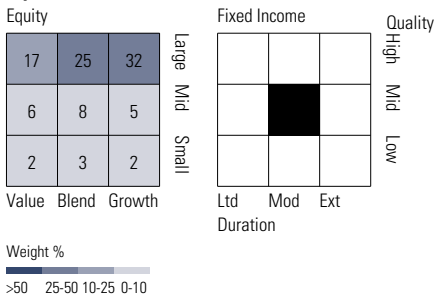
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2023

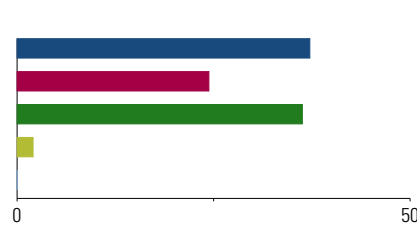
Morningstar Style Box™



## Style Breakdown

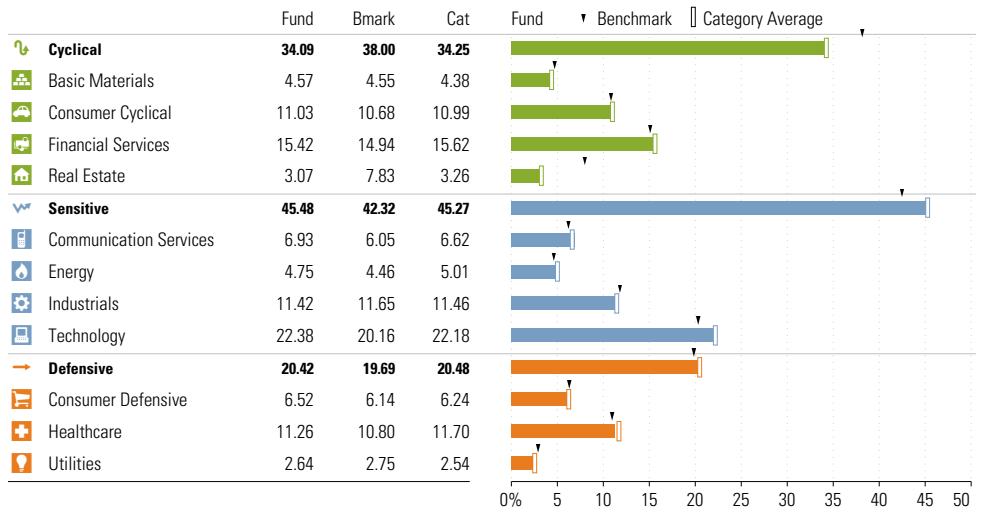


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	37.24	35.23
Non-US Stocks	24.40	19.60
Bonds	36.29	32.00
Cash	2.03	1.47
Other	0.04	11.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	37.43	37.43	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	25.58	63.01	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	24.98	87.99	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	11.03	99.02	-	-
⊕ Mktliq 12/31/2049	-	0.98	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2035 Fund VTTX

**Morningstar Category**  
Target-Date 2035

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.86 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 87.1% lower than the Target-Date 2035 category average.

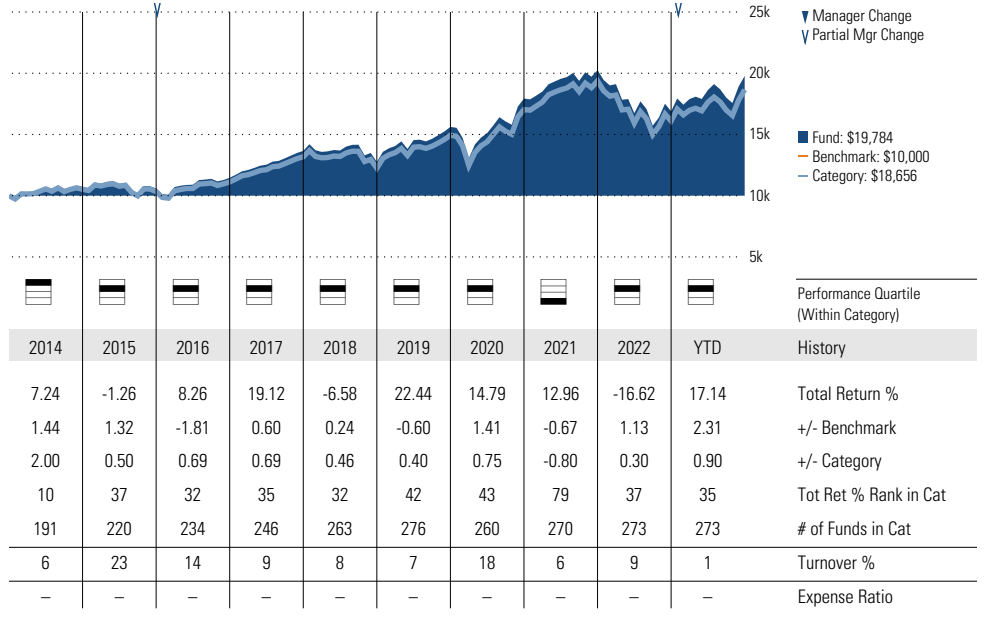
## Morningstar Investment Management LLC Analysis

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

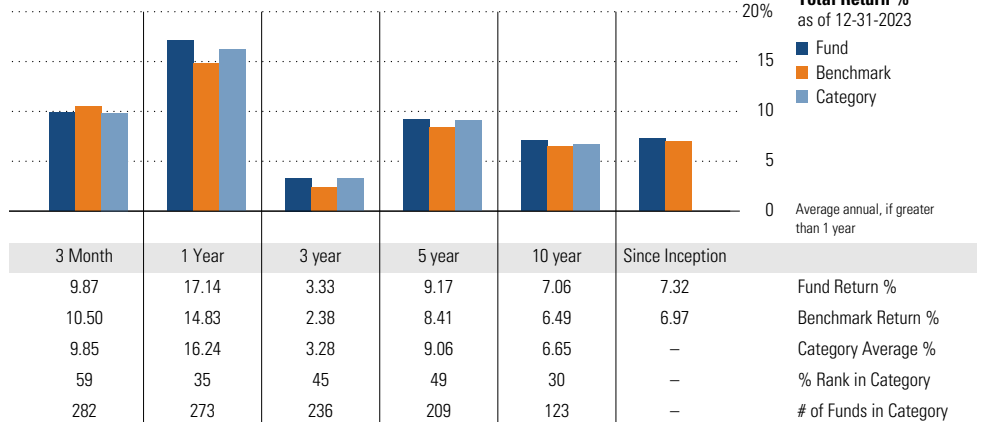
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

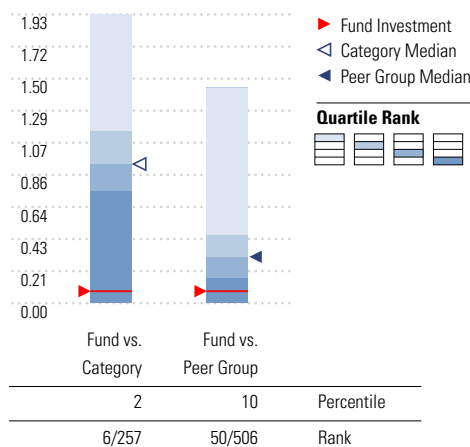
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	13.48	-	13.61
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.97	18.43
Price/Book Ratio	2.47	2.43	2.66
Avg Eff Duration	6.56	-	7.08

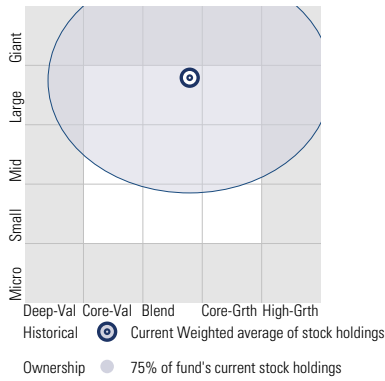
# Vanguard Target Retirement 2035 Fund VTTHX

**Morningstar Category**  
Target-Date 2035

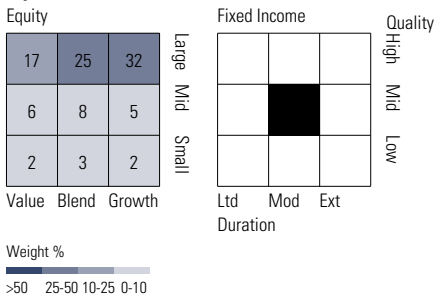
**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 12-31-2023

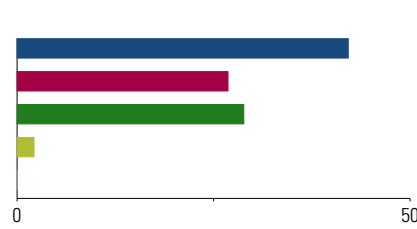
Morningstar Style Box™



## Style Breakdown

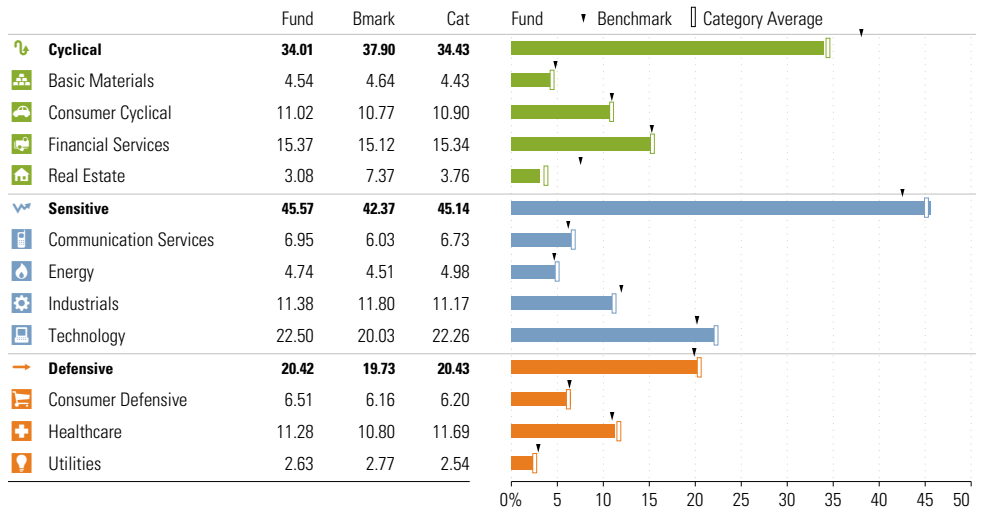


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	42.13	41.55
Non-US Stocks	26.83	22.01
Bonds	28.84	22.82
Cash	2.15	1.82
Other	0.05	11.80
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	42.35	42.35	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	27.47	69.81	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	20.32	90.14	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	8.77	98.91	-	-
⊕ Mktliq 12/31/2049	-	1.09	100.00	-	-
⊕ Us Dollar	-	0.00	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category**  
Target-Date 2040

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.86 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 87.69% lower than the Target-Date 2040 category average.

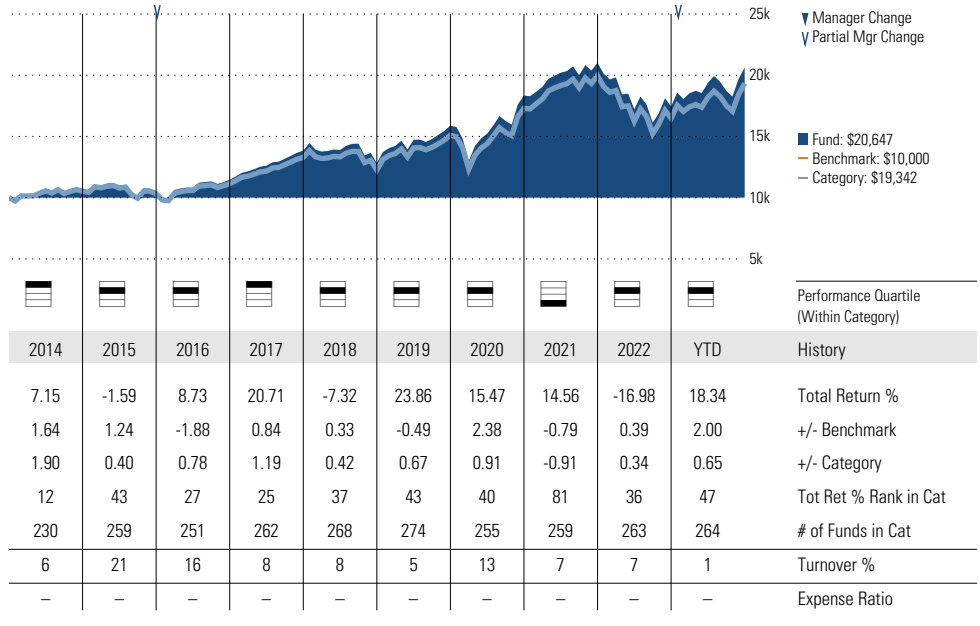
## Morningstar Investment Management LLC Analysis

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

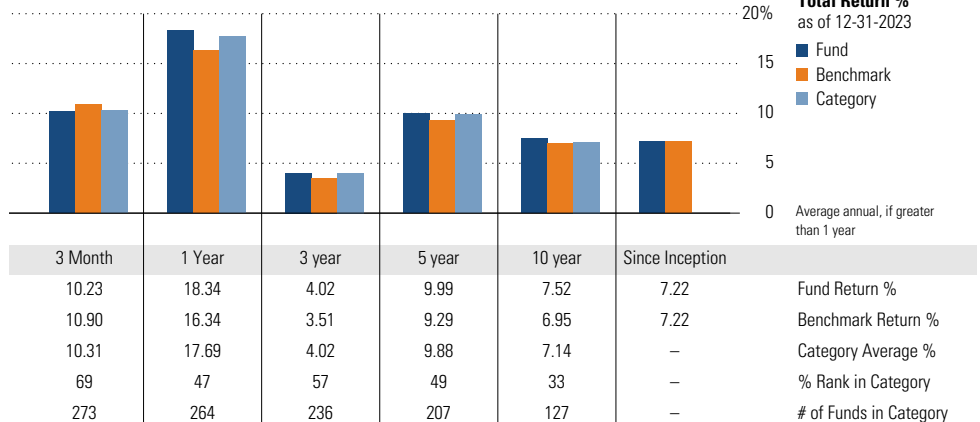
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

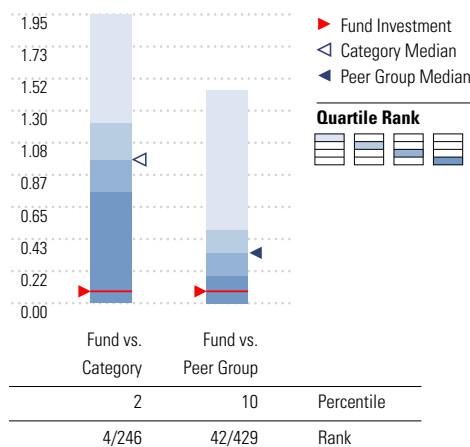
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	14.30	-	14.71
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

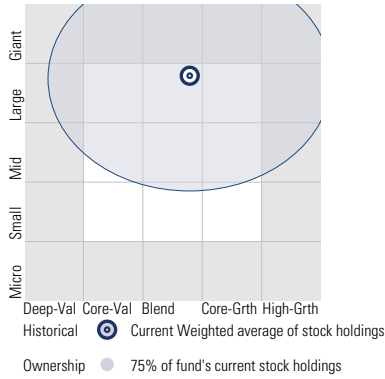
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.78	18.34
Price/Book Ratio	2.48	2.39	2.66
Avg Eff Duration	6.56	-	7.59

# Vanguard Target Retirement 2040 Fund VFORX

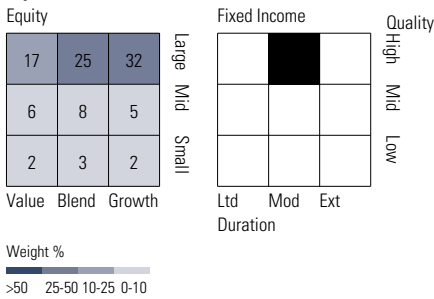
**Morningstar Category**  
Target-Date 2040

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

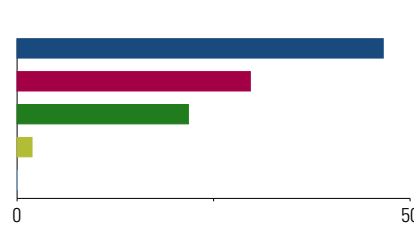
**Style Analysis** as of 12-31-2023  
Morningstar Style Box™



**Style Breakdown**

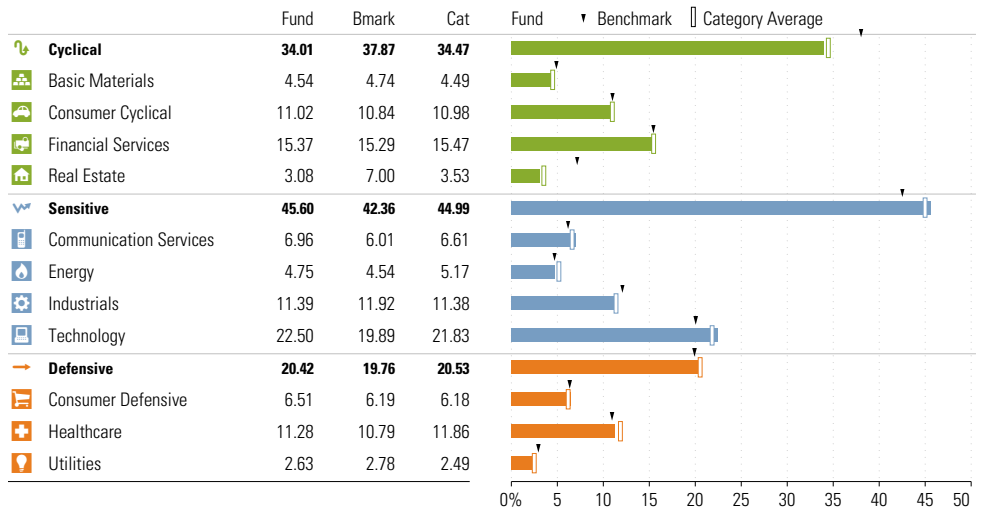


**Asset Allocation** as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	46.58	48.07
Non-US Stocks	29.67	26.58
Bonds	21.79	13.45
Cash	1.90	1.65
Other	0.05	10.26
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2023



**Top 6 Holdings** as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	46.83	46.83	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.36	77.19	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	15.40	92.60	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	6.58	99.18	-	-
⊕ Mktliq 12/31/2049	-	0.82	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category**  
Target-Date 2045

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.86 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 87.5% lower than the Target-Date 2045 category average.

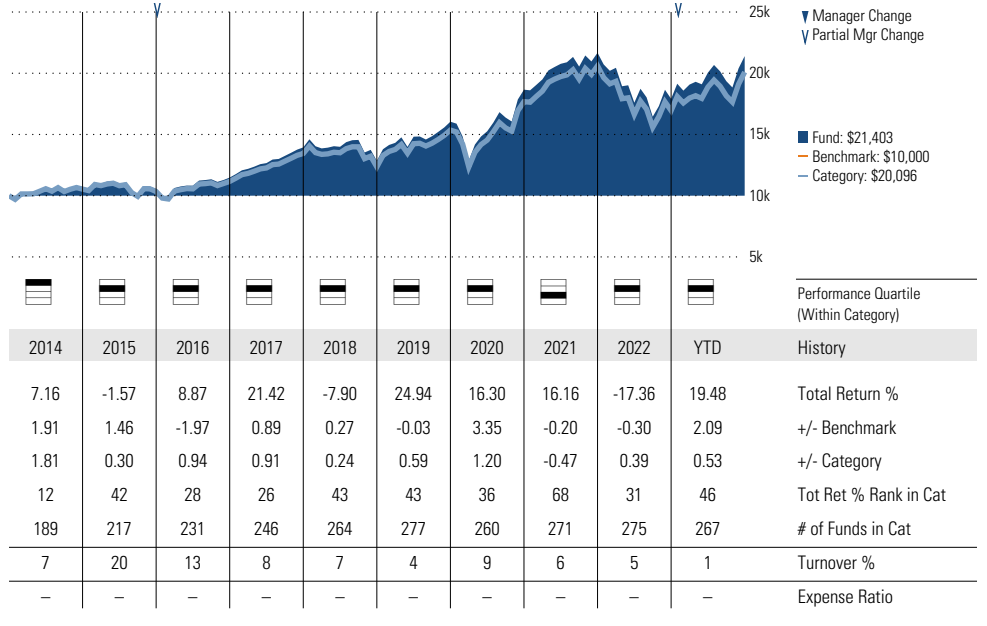
## Morningstar Investment Management LLC Analysis

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

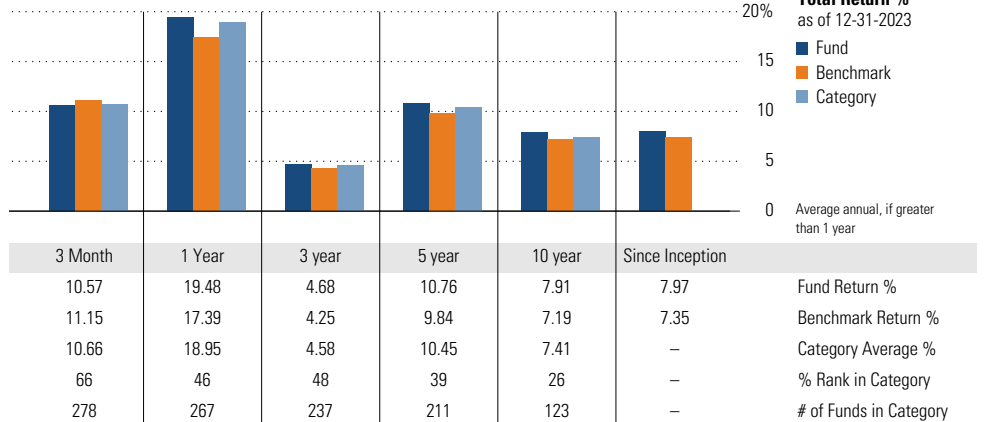
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

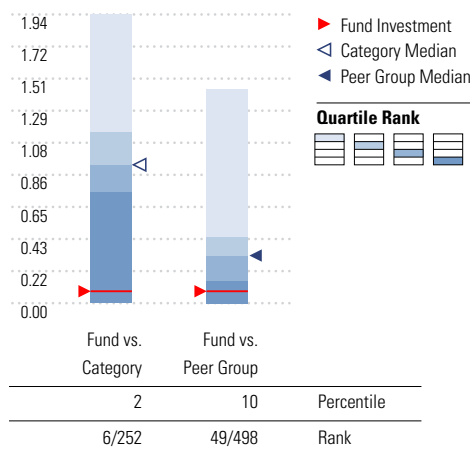
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	15.16	-	15.47
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.62	18.37
Price/Book Ratio	2.48	2.36	2.63
Avg Eff Duration	6.55	-	8.66

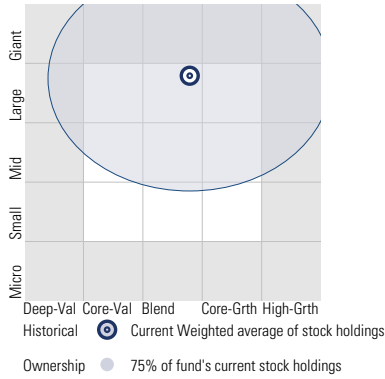
# Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category**  
Target-Date 2045

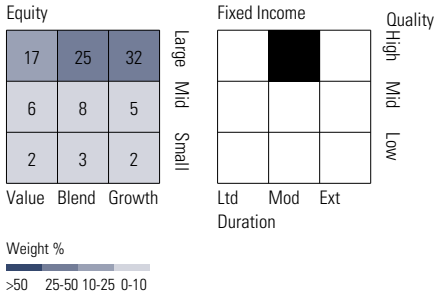
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 12-31-2023

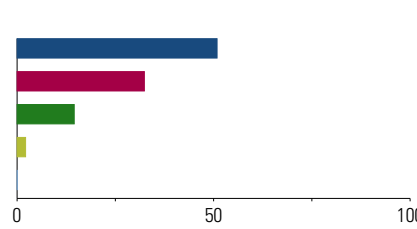
Morningstar Style Box™



## Style Breakdown

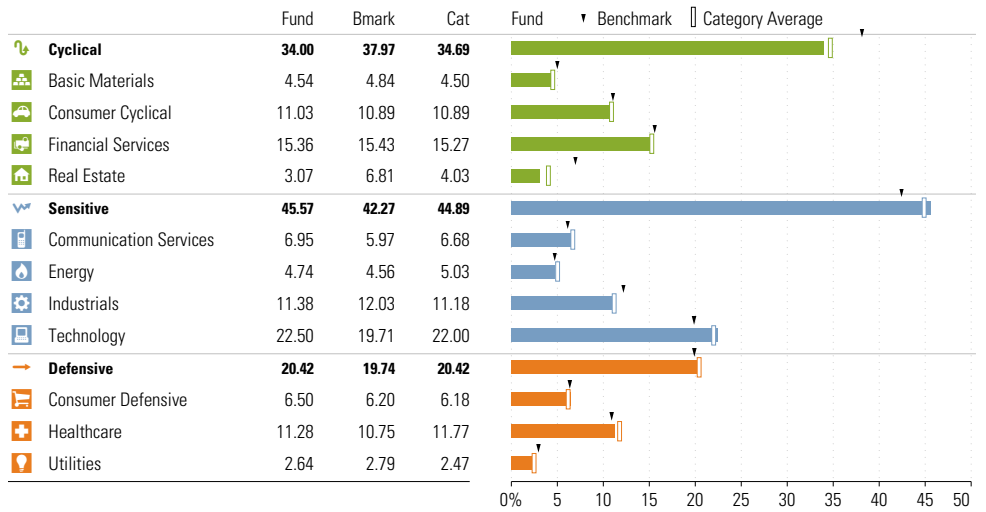


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	50.88	51.35
Non-US Stocks	32.38	27.47
Bonds	14.53	8.96
Cash	2.16	1.47
Other	0.06	10.76
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	51.14	51.14	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	33.15	84.29	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	10.32	94.61	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	4.34	98.95	-	-
⊕ Mktliq 12/31/2049	-	1.03	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2050 Fund VFIKX

**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 10.86 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 87.69% lower than the Target-Date 2050 category average.

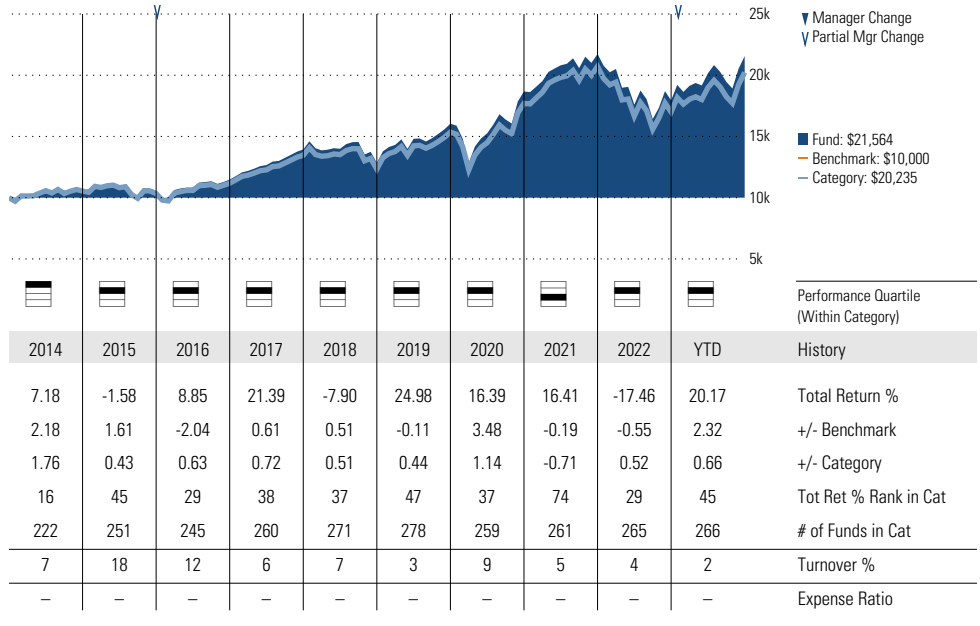
## Morningstar Investment Management LLC Analysis

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

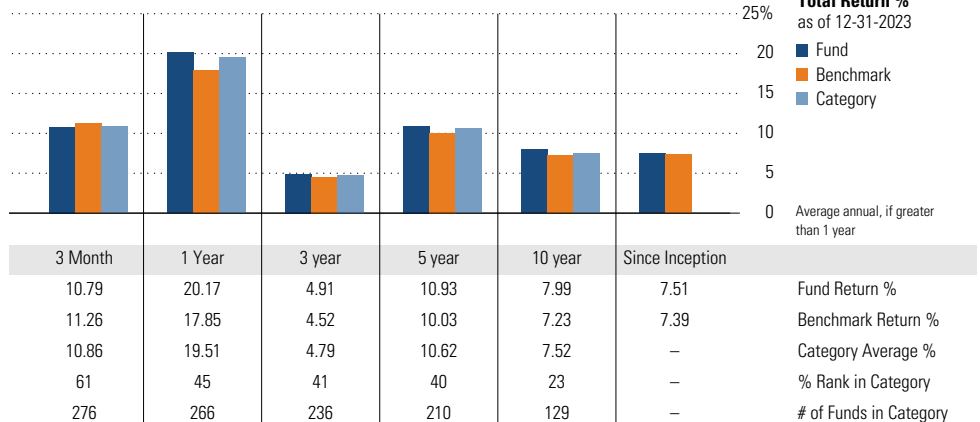
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

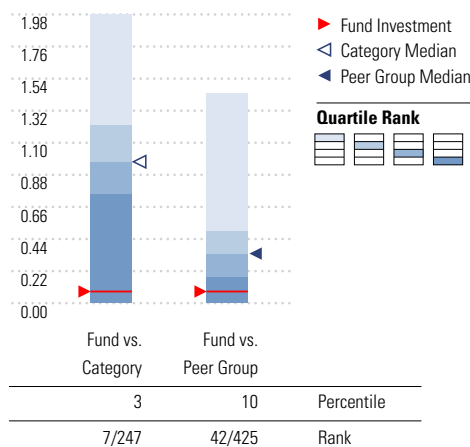
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	15.53	-	15.84
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

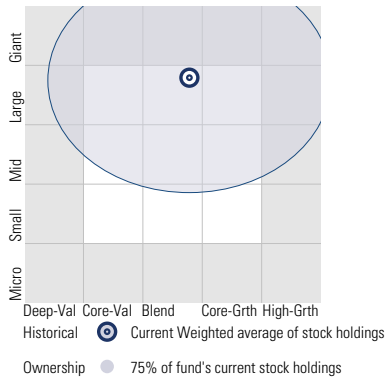
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.84	17.48	18.37
Price/Book Ratio	2.45	2.33	2.63
Avg Eff Duration	6.54	-	9.43

# Vanguard Target Retirement 2050 Fund VFI5X

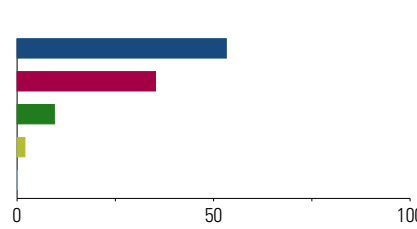
**Morningstar Category**  
Target-Date 2050

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

**Style Analysis** as of 12-31-2023  
Morningstar Style Box™

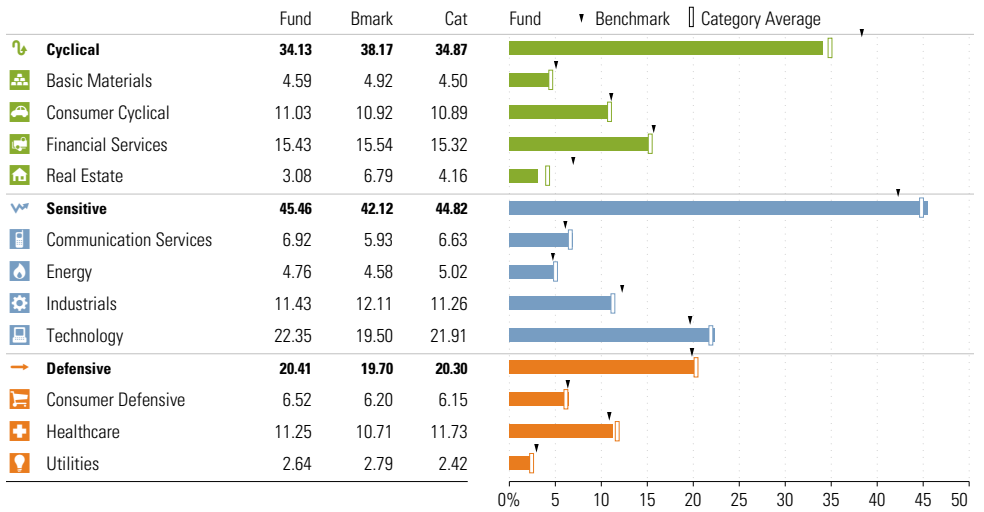


**Asset Allocation** as of 12-31-2023

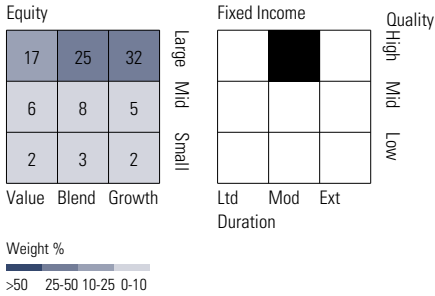


Asset Class	Net %	Cat%
US Stocks	53.23	53.58
Non-US Stocks	35.23	28.57
Bonds	9.48	6.68
Cash	1.99	1.42
Other	0.07	9.74
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2023



**Style Breakdown**



**Top 6 Holdings** as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.50	53.50	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.07	89.57	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.85	96.42	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.72	99.14	-	-
⊕ Mktliq 12/31/2049	-	0.84	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  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.86 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 87.69% lower than the Target-Date 2055 category average.

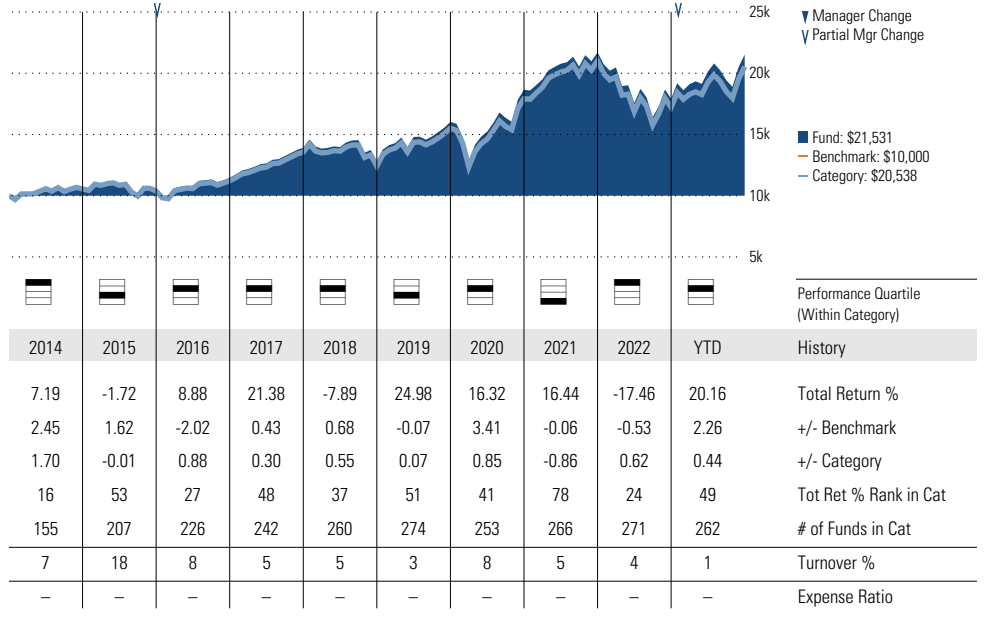
## Morningstar Investment Management LLC Analysis

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.

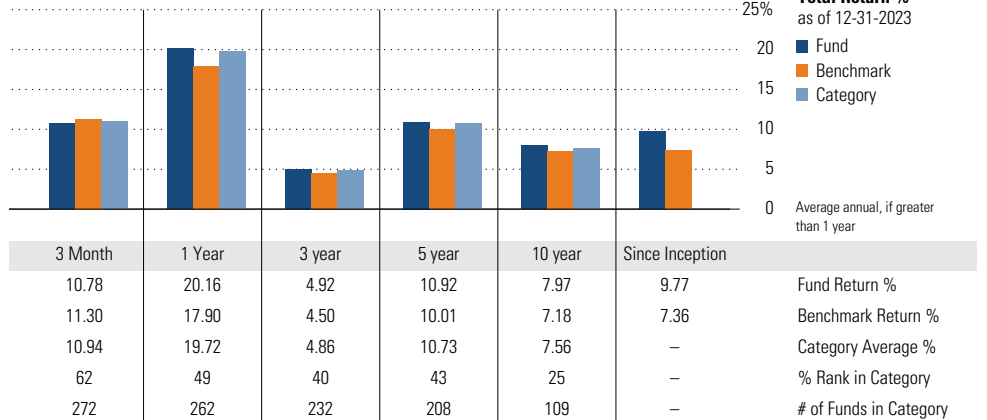
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

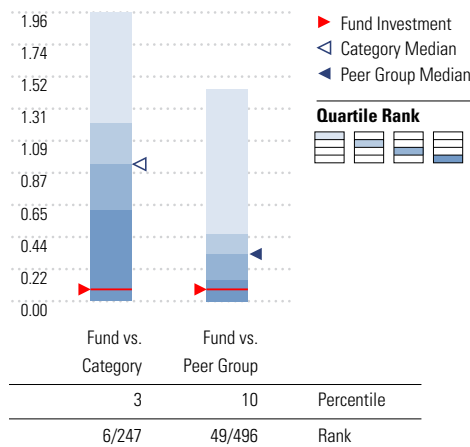
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	15.53	-	16.01
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	17.36	18.23
Price/Book Ratio	2.45	2.30	2.63
Avg Eff Duration	6.54	-	10.33

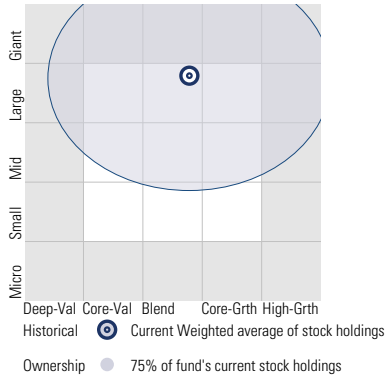
# Vanguard Target Retirement 2055 Fund VFFVX

**Morningstar Category**  
Target-Date 2055

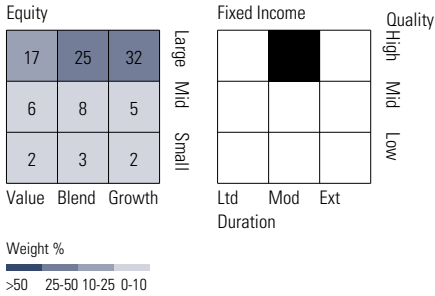
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 12-31-2023

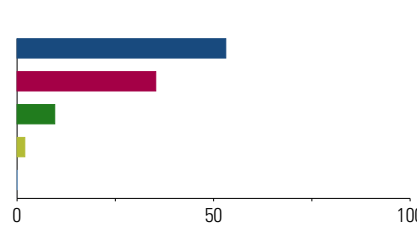
Morningstar Style Box™



## Style Breakdown

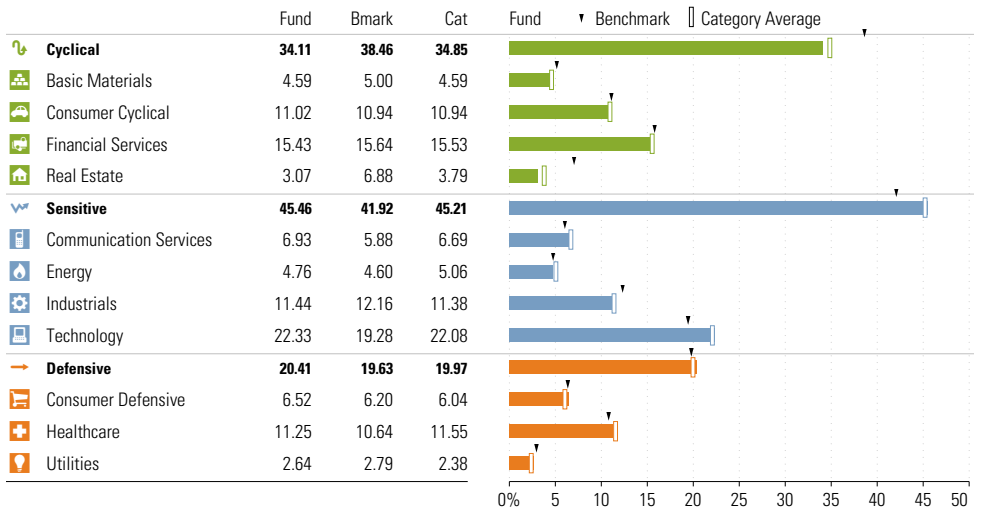


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	53.10	52.19
Non-US Stocks	35.28	28.51
Bonds	9.58	6.36
Cash	1.96	1.85
Other	0.07	11.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	53.37	53.37	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	36.13	89.50	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	6.97	96.47	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	2.71	99.18	—	—
⊕ Mktliq 12/31/2049	—	0.81	99.98	—	—
⊕ Us Dollar	—	0.02	100.00	—	—

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Fund VTTSX

**Morningstar Category**  
Target-Date 2060

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.86 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 87.88% lower than the Target-Date 2060 category average.

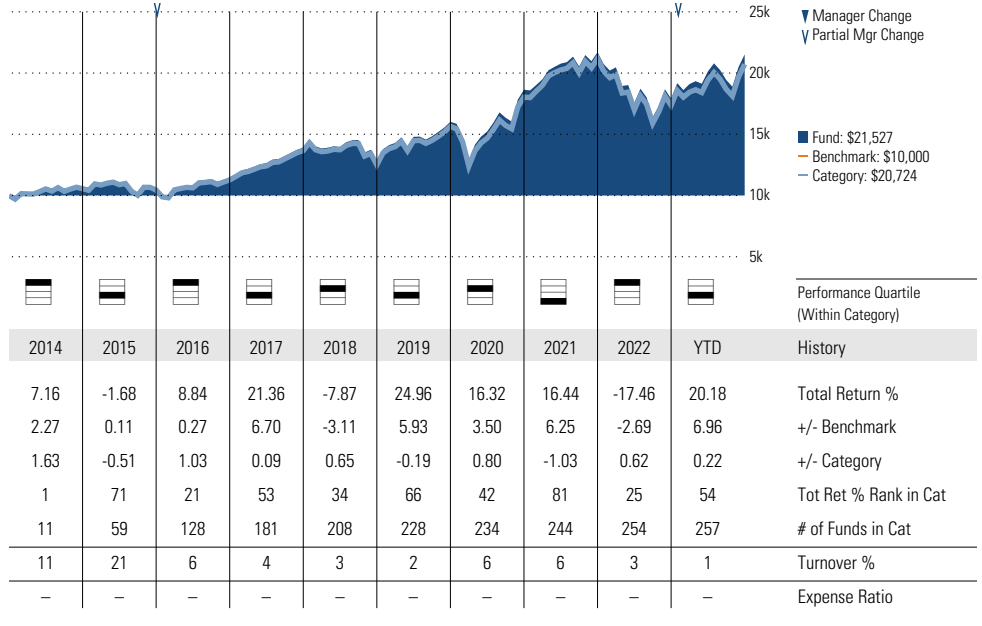
## Morningstar Investment Management LLC Analysis

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.

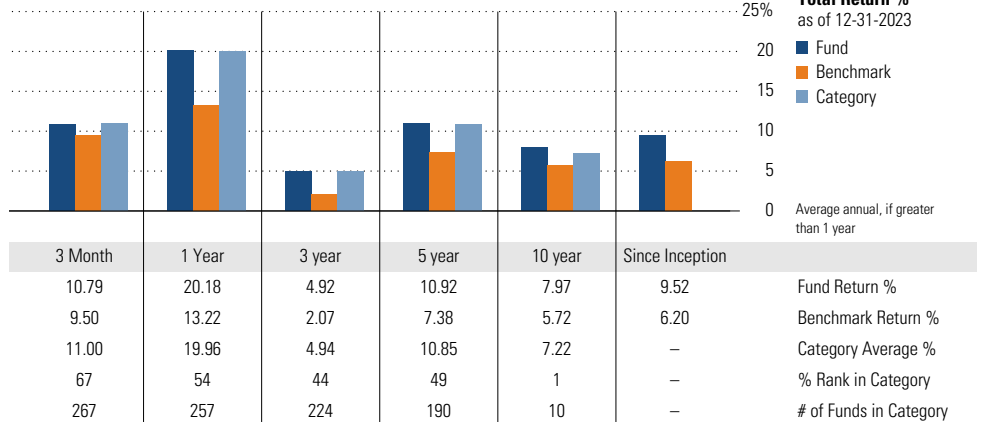
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

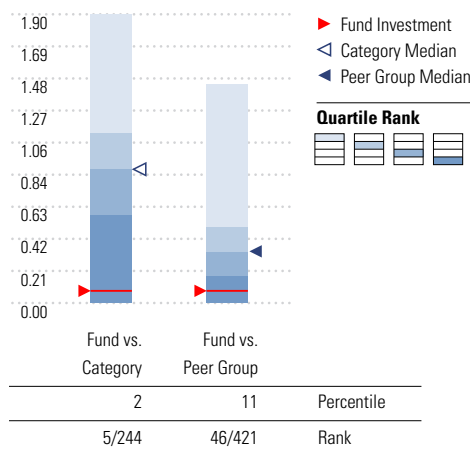
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	15.52	-	16.08
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	17.11	18.07
Price/Book Ratio	2.45	2.23	2.55
Avg Eff Duration	6.54	-	9.40

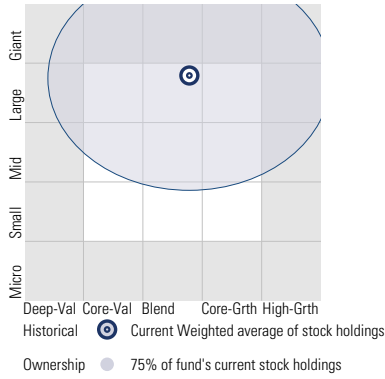
# Vanguard Target Retirement 2060 Fund VTTSX

**Morningstar Category**  
Target-Date 2060

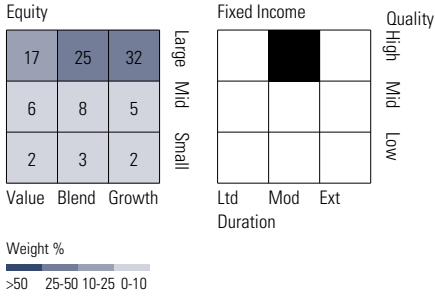
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2023

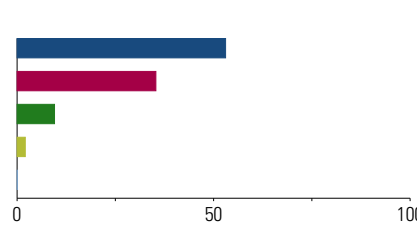
Morningstar Style Box™



## Style Breakdown

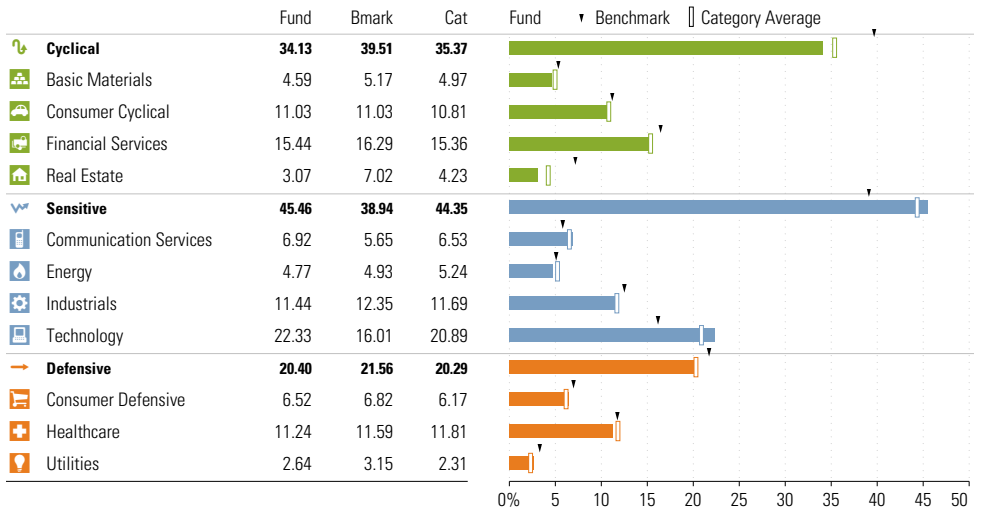


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	53.05	45.91
Non-US Stocks	35.31	31.01
Bonds	9.52	6.47
Cash	2.08	1.69
Other	0.07	14.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.31	53.31	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.15	89.47	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.87	96.34	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.73	99.07	-	-
⊕ Mktliq 12/31/2049	-	0.91	99.98	-	-
⊕ Us Dollar	-	0.02	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2065 Fund VLXVX

**Morningstar Category**  
Target-Date 2065+

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

## Portfolio Manager(s)

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

## Quantitative Screens

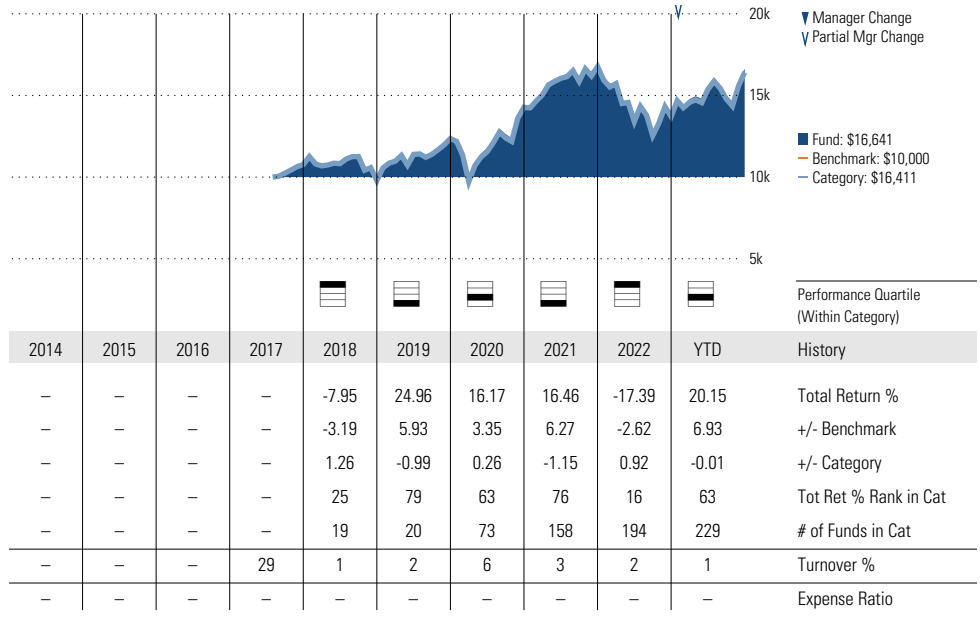
✔ **Performance:** The fund has finished in the Target-Date 2065+ category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.47 years.

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

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

## Growth of \$10,000



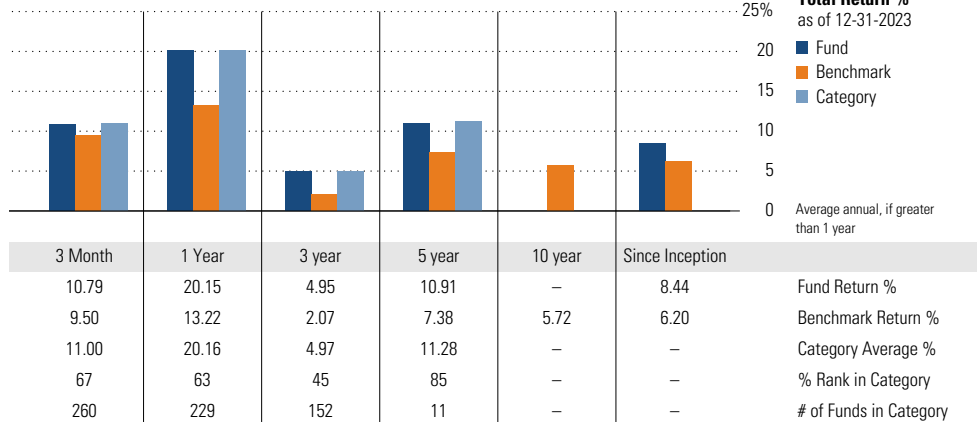
## Morningstar Investment Management LLC Analysis

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

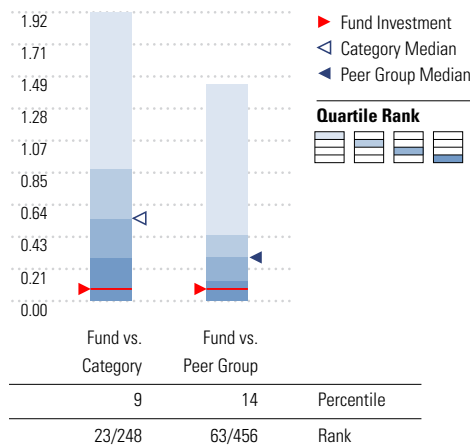
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	15.52	-	16.23
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	17.11	17.78
Price/Book Ratio	2.45	2.23	2.50
Avg Eff Duration	6.54	-	9.29

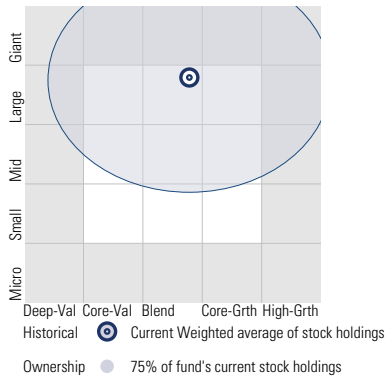
# Vanguard Target Retirement 2065 Fund VLXVX

**Morningstar Category**  
Target-Date 2065+

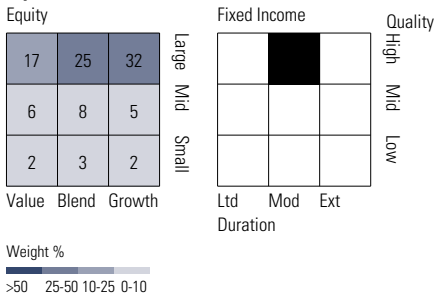
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2023

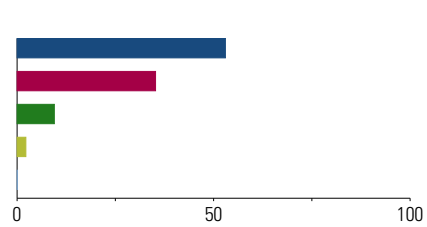
Morningstar Style Box™



## Style Breakdown

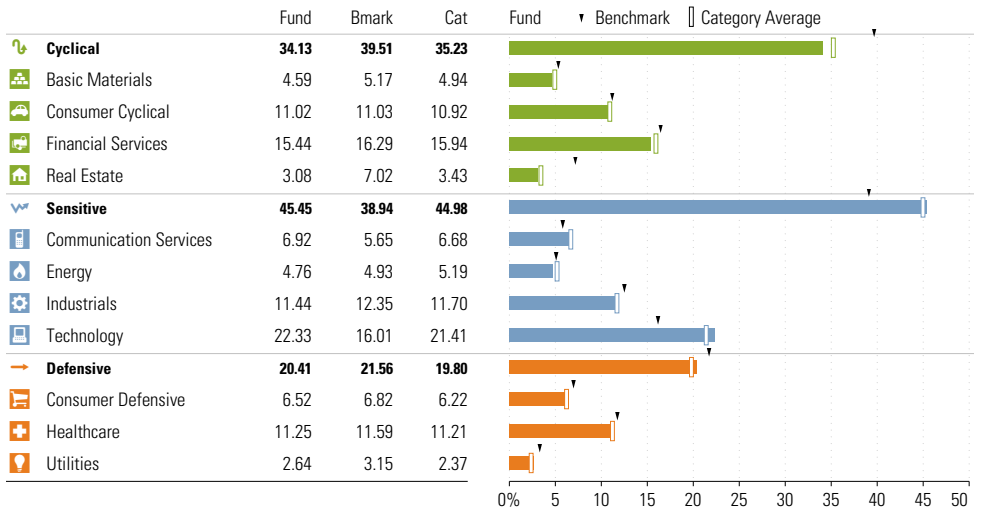


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	53.00	44.70
Non-US Stocks	35.23	31.85
Bonds	9.47	11.09
Cash	2.23	1.54
Other	0.07	10.82
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.27	53.27	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.07	89.34	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.85	96.19	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.72	98.91	-	-
⊕ Mktliq 12/31/2049	-	1.09	100.00	-	-
⊕ Us Dollar	-	0.00	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 86.89% lower than the Target-Date 2065+ category average.

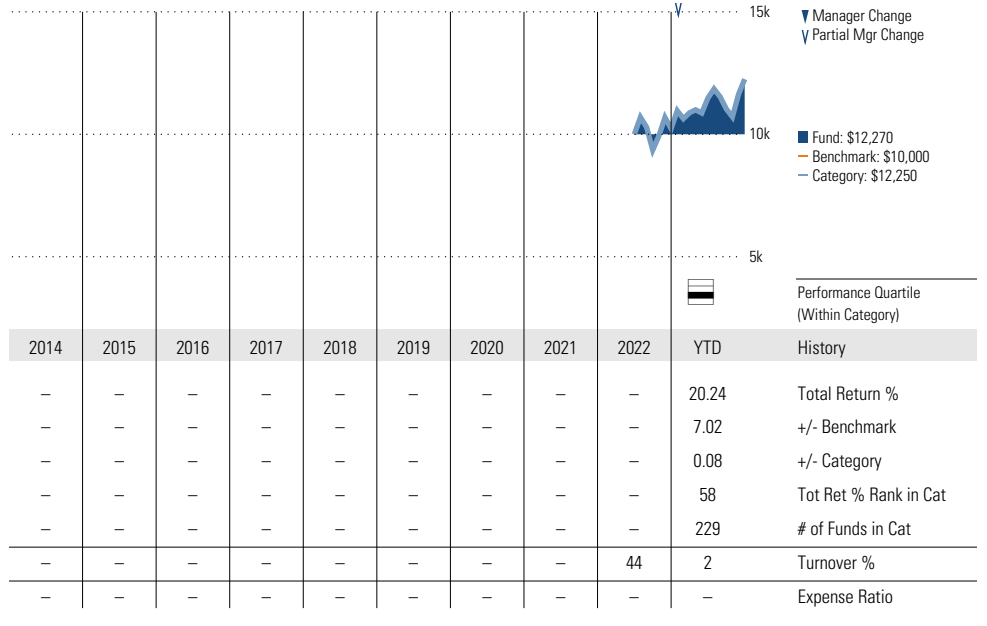
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022

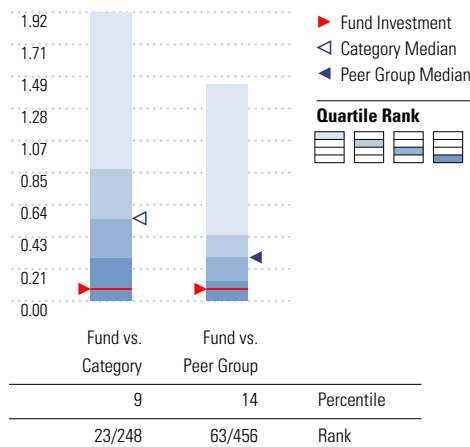
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	-	-	16.23
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.85	17.11	17.78
Price/Book Ratio	2.46	2.23	2.50
Avg Eff Duration	6.55	-	9.29

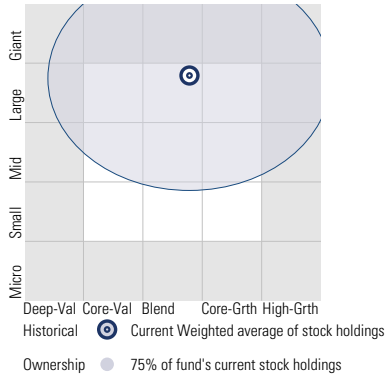
# Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category**  
Target-Date 2065+

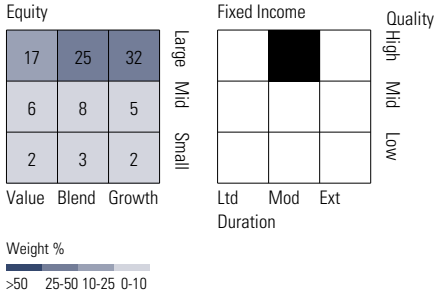
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2023

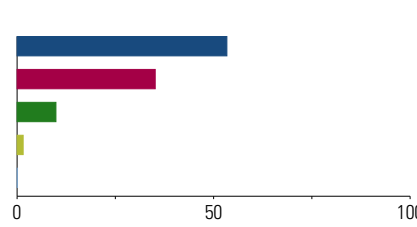
Morningstar Style Box™



## Style Breakdown

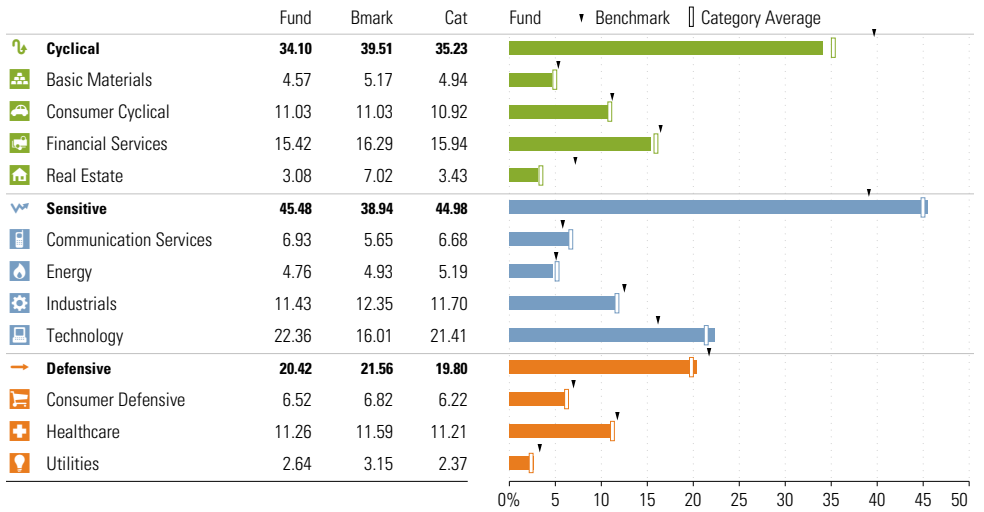


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	53.38	44.70
Non-US Stocks	35.14	31.85
Bonds	9.88	11.09
Cash	1.54	1.54
Other	0.07	10.82
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.65	53.65	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.98	89.63	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	7.07	96.69	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.91	99.61	-	-
⊕ Mktliq 12/31/2049	-	0.27	99.88	-	-
⊕ Us Dollar	-	0.12	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 10.86 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 87.1% lower than the Target-Date Retirement category average.

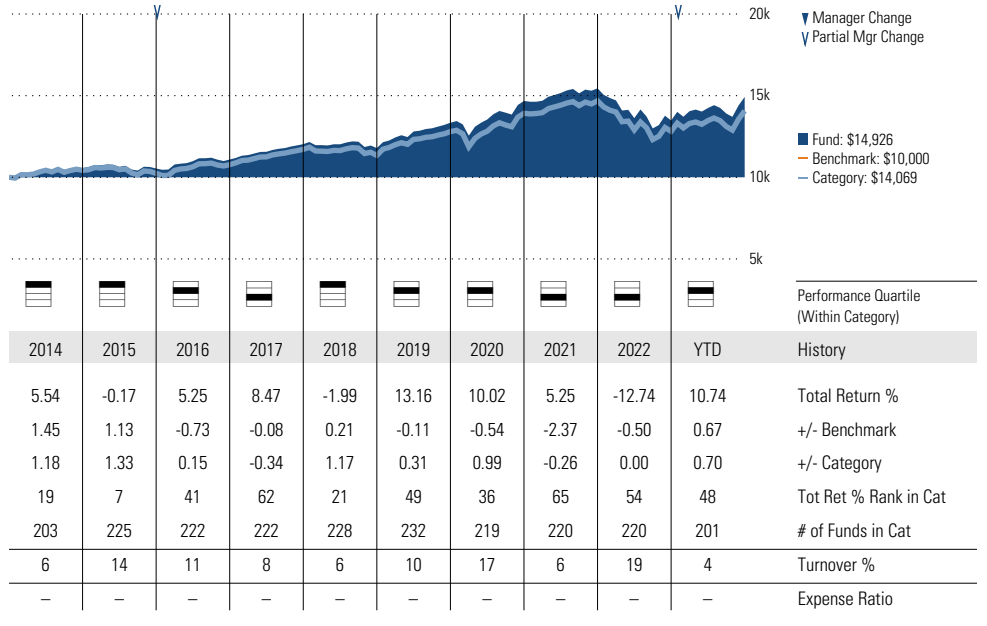
## Morningstar Investment Management LLC Analysis

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

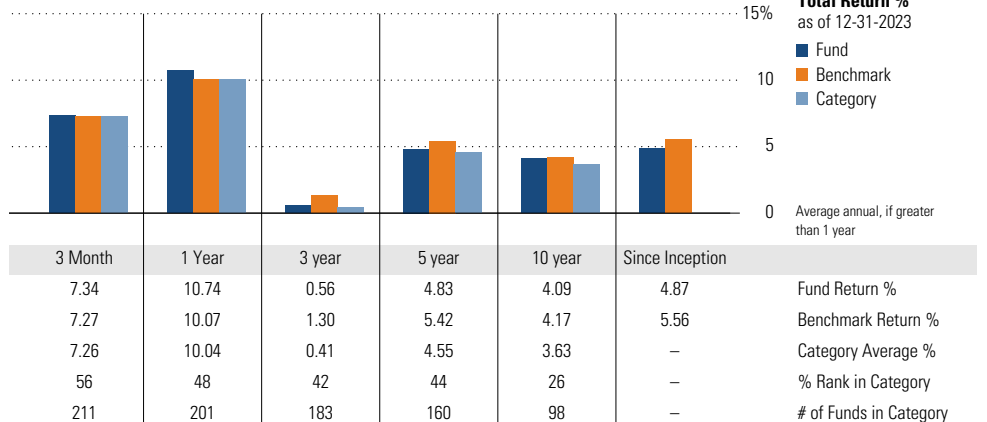
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	02-15-2022

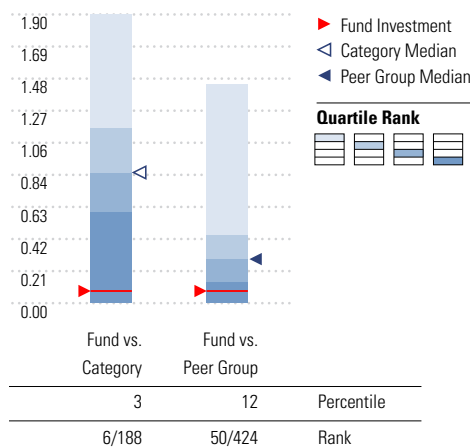
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	8.48	-	8.92
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.81	18.71	18.00
Price/Book Ratio	2.45	2.58	2.50
Avg Eff Duration	5.63	-	6.24

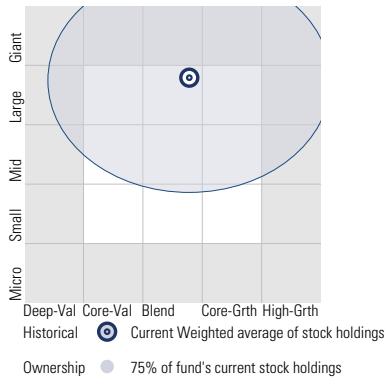
# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category**  
Target-Date Retirement

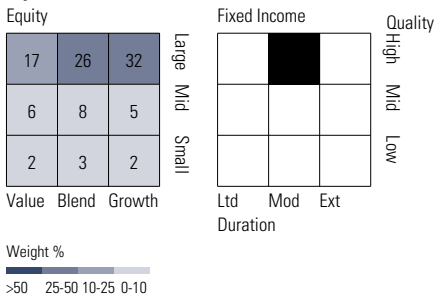
**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

## Style Analysis as of 12-31-2023

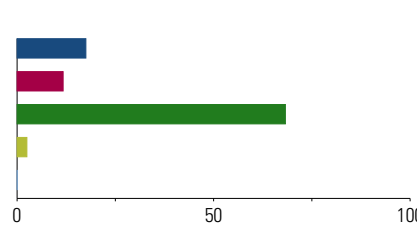
Morningstar Style Box™



## Style Breakdown

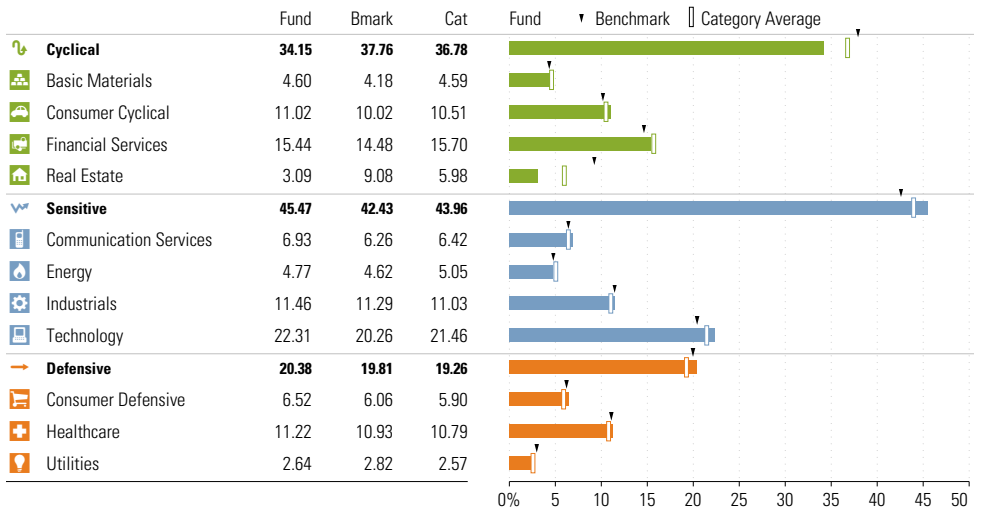


## Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	17.50	22.91
Non-US Stocks	11.71	13.99
Bonds	68.26	46.72
Cash	2.49	3.63
Other	0.04	12.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2023



## Top 7 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	37.31	37.31	—	—
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	17.58	54.90	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	16.22	71.12	—	—
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	16.20	87.32	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	11.99	99.31	—	—
⊕ Mktliq 12/31/2049	—	0.71	100.02	—	—
⊕ Us Dollar	—	0.02	100.05	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio