

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.54 is 37.93% lower than the Foreign Large Blend category average.

## Growth of \$10,000



## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.09	-	0.84
Beta	1.00	-	1.01
R-Squared	94.85	-	93.34
Standard Deviation	16.82	16.42	17.25
Sharpe Ratio	0.08	0.02	0.07
Tracking Error	3.82	-	4.44
Information Ratio	0.28	-	0.22
Up Capture Ratio	104.28	-	105.47
Down Capture Ratio	99.90	-	102.40

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.16	15.34	15.88
Price/Book Ratio	1.91	1.81	1.94
Geom Avg Mkt Cap \$B	53.19	49.00	59.06
ROE	20.06	17.61	19.98

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Style Analysis as of 03-31-2024

Morningstar Style Box™



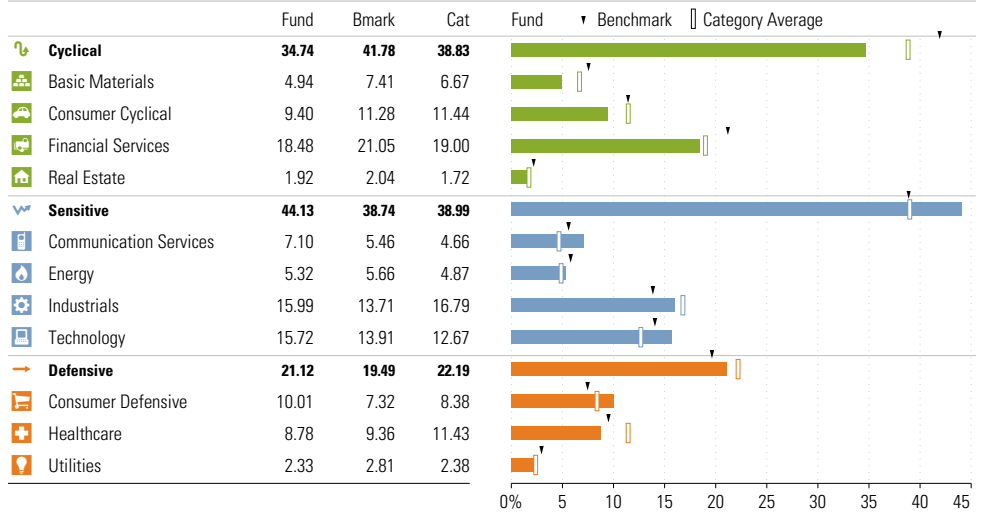
## Style Breakdown



## Asset Allocation as of 03-31-2024



## Sector Weighting as of 03-31-2024



## World Regions % Equity 03-31-2024



## Top 10 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	4.49	4.49	-	-
Taiwan Semiconductor Manufacturing Co Ltd	2.92	7.42	-	Technology
⊕ Novo Nordisk A/S Class B	2.81	10.23	-	Healthcare
⊖ ASML Holding NV	2.44	12.67	-	Technology
⊖ AstraZeneca PLC	2.16	14.83	-	Healthcare
⊖ Airbus SE	2.02	16.85	-	Industrials
⊖ TotalEnergies SE	1.94	18.79	-	Energy
⊖ MediaTek Inc	1.59	20.38	-	Technology
⊕ Fujitsu Ltd	1.54	21.92	-	Technology
✳ Cash And Other Assets Less Liabilities	1.53	23.45	-	-

**Total Holdings 254**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
Global Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.35 years.

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

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

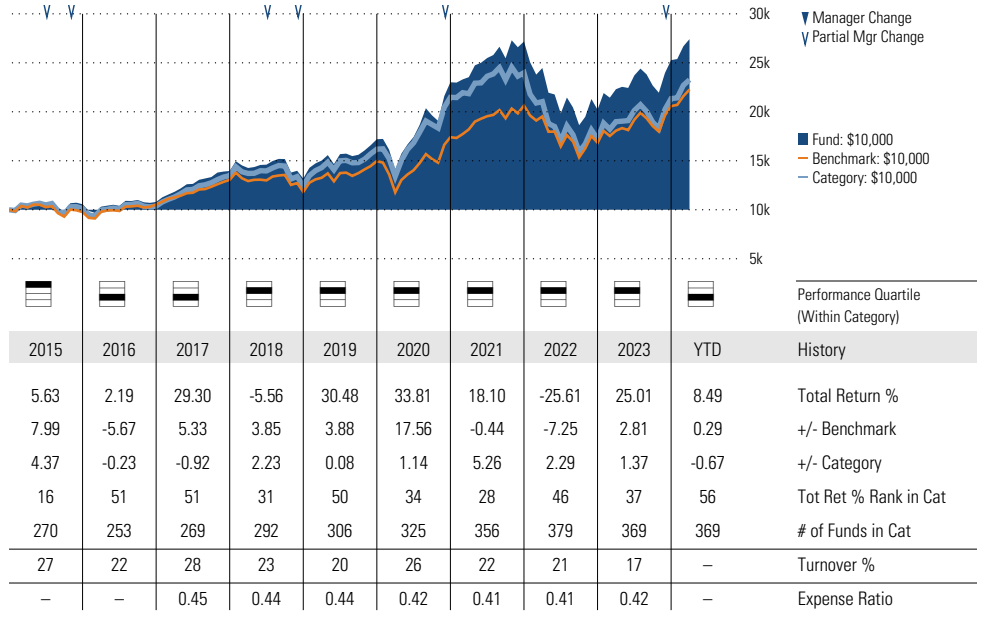
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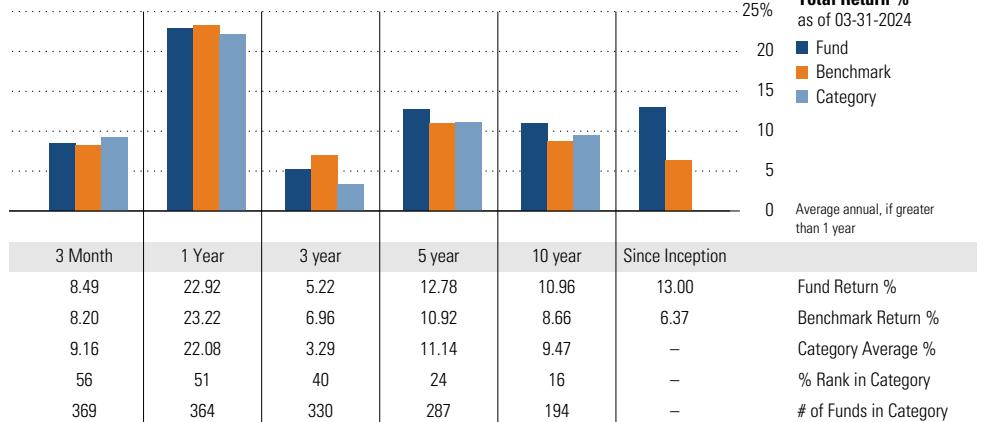
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

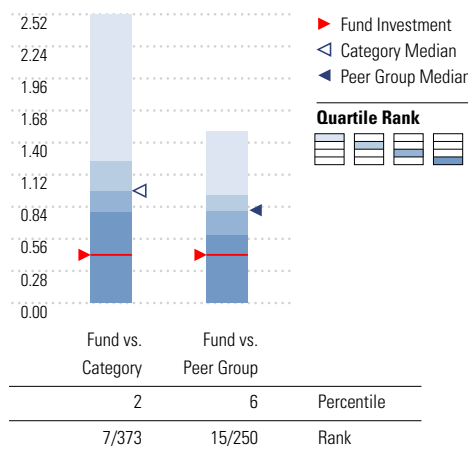
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.12	-	-3.53
Beta	1.10	-	1.14
R-Squared	96.39	-	89.14
Standard Deviation	18.68	16.62	20.20
Sharpe Ratio	0.21	0.31	0.16
Tracking Error	3.95	-	7.06
Information Ratio	-0.44	-	-0.40
Up Capture Ratio	106.14	-	104.67
Down Capture Ratio	115.25	-	120.06

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.12	20.65	29.01
Price/Book Ratio	3.85	2.92	5.08
Geom Avg Mkt Cap \$B	145.77	137.43	188.67
ROE	26.25	26.46	28.68

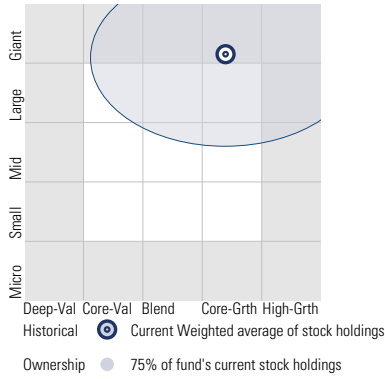
# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
Global Large-Stock Growth

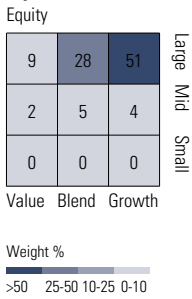
**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 03-31-2024

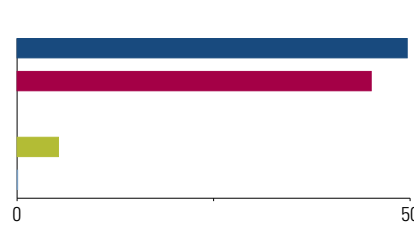
Morningstar Style Box™



## Style Breakdown

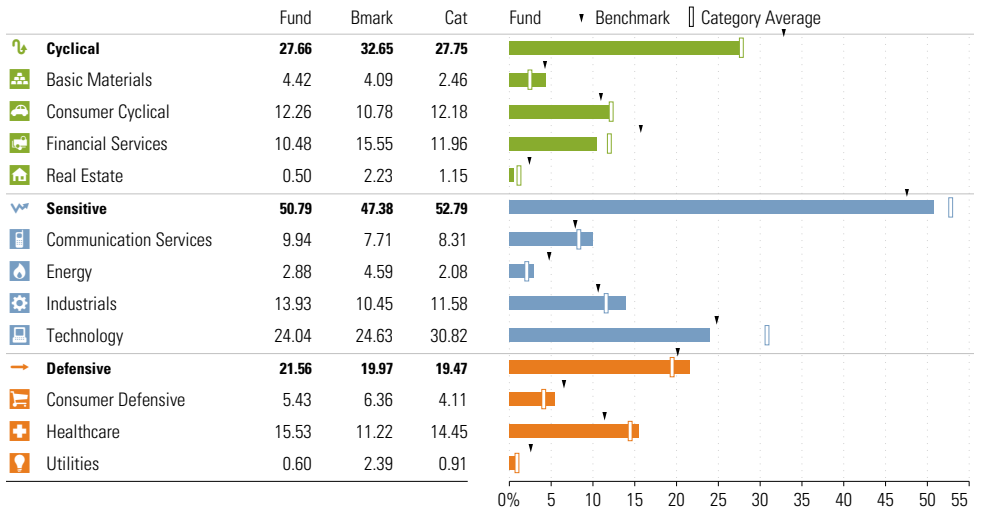


## Asset Allocation as of 03-31-2024

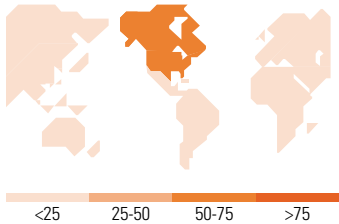


Asset Class	Net %	Cat%
US Stocks	49.63	60.24
Non-US Stocks	45.05	37.23
Bonds	0.00	0.00
Cash	5.26	1.53
Other	0.07	1.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## World Regions % Equity 03-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	13.52	11.25	Americas	56.06	65.27	Greater Europe	30.41	23.48	Developed Markets	96.35
Japan	6.42	3.86	North America	54.87	63.82	United Kingdom	5.65	4.00	Emerging Markets	3.65
Australasia	0.24	0.14	Central/Latin	1.19	1.45	W euro-ex UK	24.35	19.13	Not Available	0.00
Asia-4 Tigers	4.65	3.20				Emrgng Europe	0.00	0.02		
Asia-ex 4 Tigers	2.21	4.05				Africa	0.41	0.33		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.48	4.48	-	-
Microsoft Corp	3.79	8.27	-	Technology
Meta Platforms Inc Class A	3.35	11.62	-	Communication Svc
Novo Nordisk A/S Class B	2.74	14.35	-	Healthcare
Broadcom Inc	2.35	16.70	-	Technology
Taiwan Semiconductor Manufacturing Co Ltd	2.28	18.98	-	Technology
Fujitsu Ltd	2.15	21.13	-	Technology
Tesla Inc	1.58	22.71	-	Consumer Cyclical
Eli Lilly and Co	1.51	24.22	-	Healthcare
AstraZeneca PLC	1.42	25.64	-	Healthcare

**Total Holdings 276**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# BlackRock High Yield Bond Instl BHYX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

Mitchell Garfin since 12-2009  
David Delbos since 12-2014

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.26 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.58 is 34.83% lower than the High Yield Bond category average.

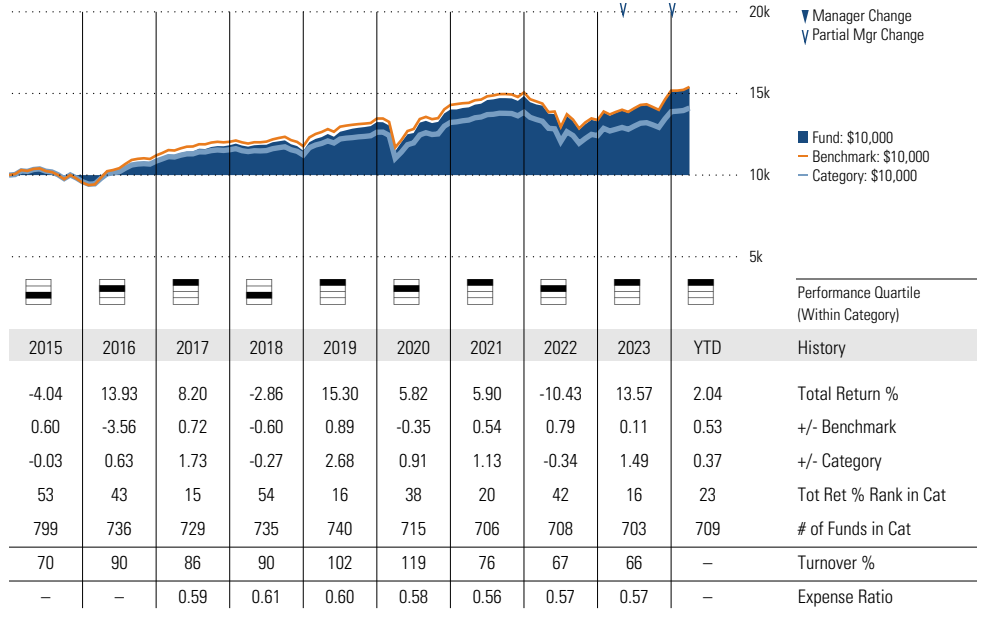
## Morningstar Investment Management LLC Analysis

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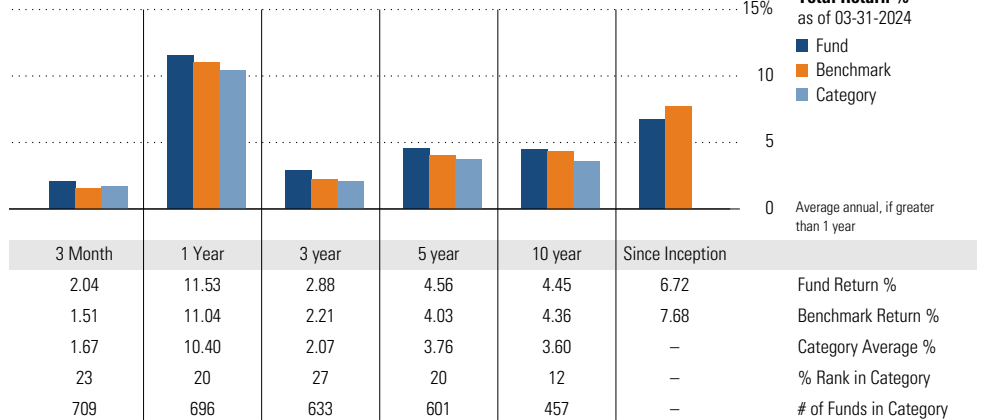
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	02-15-2022

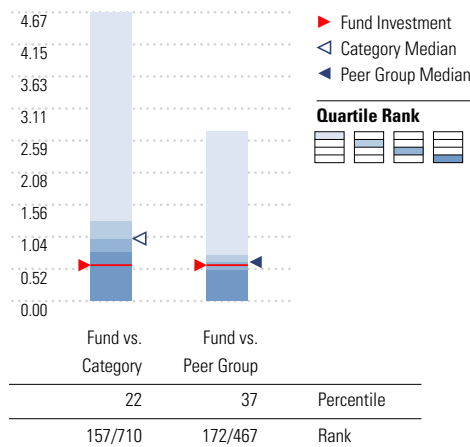
## Growth of \$10,000



## 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	0.66	-	0.01
Beta	1.00	-	0.89
R-Squared	99.61	-	94.38
Standard Deviation	8.47	8.47	7.77
Sharpe Ratio	0.03	-0.05	-0.07
Tracking Error	0.53	-	1.88
Information Ratio	1.27	-	-0.30
Up Capture Ratio	103.07	-	89.34
Down Capture Ratio	96.86	-	89.22

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.16	-	3.18
Avg Eff Maturity	-	-	4.90

# BlackRock High Yield Bond Instl BHYX

**Morningstar Category**  
High Yield Bond

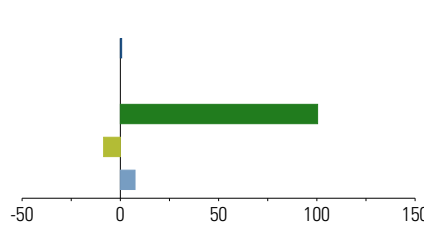
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 03-31-2024

### Style Breakdown



## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	0.66	0.80
Non-US Stocks	0.00	0.05
Bonds	100.38	94.32
Cash	-8.50	3.60
Other	7.47	1.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.74
AA	0.00	-	1.39
A	0.07	-	0.75
BBB	4.85	-	6.23
BB	30.10	-	38.01
B	49.67	-	35.18
Below B	13.26	-	15.87
Not Rated	2.04	-	0.83

## Sector Weighting as of 03-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>0.46</b>	-	<b>2.16</b>			
Treasury	0.00	-	0.91			
Inflation – Protected	0.00	-	0.01			
Agency/Quasi Agency	0.01	-	0.00			
Other Government Related	0.45	-	1.24			
<b>Corporate</b>	<b>92.53</b>	-	<b>89.86</b>			
Corporate Bond	83.02	-	87.71			
Bank Loan	7.98	-	1.37			
Convertible	0.77	-	0.40			
Preferred	0.76	-	0.38			
<b>Securitized</b>	<b>0.07</b>	-	<b>1.41</b>			
Agency MBS Pass-Through	0.00	-	0.04			
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.04			
Non-Agency Residential MBS	0.00	-	0.05			
Commercial MBS	0.00	-	0.21			
Asset-Backed	0.07	-	1.07			
Covered Bond	0.00	-	0.00			
<b>Municipal</b>	<b>0.00</b>	-	<b>0.03</b>			
<b>Cash &amp; Equivalents</b>	<b>2.61</b>	-	<b>4.62</b>			
<b>Other</b>	<b>4.32</b>	-	<b>1.93</b>			

## Top 10 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	6.82	6.82	-
⊖ USD CASH(Committed)	04-2024	3.44	10.26	-
⊕ BlackRock Liquidity T-Fund Instl	-	2.59	12.85	-
⊖ iShares Broad USD High Yield Corp Bd ETF	-	2.06	14.91	-
⊕ ICE: (CDX.NA.HY.42.V1)	06-2029	1.57	16.48	-
⊕ EUR/USD Purchased	06-2024	1.26	17.74	-
⊖ EUR/USD Purchased	06-2024	1.25	18.99	-
HUB International Ltd.	01-2032	1.16	20.15	-
⊕ TRSWAP: IBOXHY INDEX	03-2025	1.13	21.28	-
HUB International Ltd.	06-2030	0.96	22.24	-

**Total Holdings 1585**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.05 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.

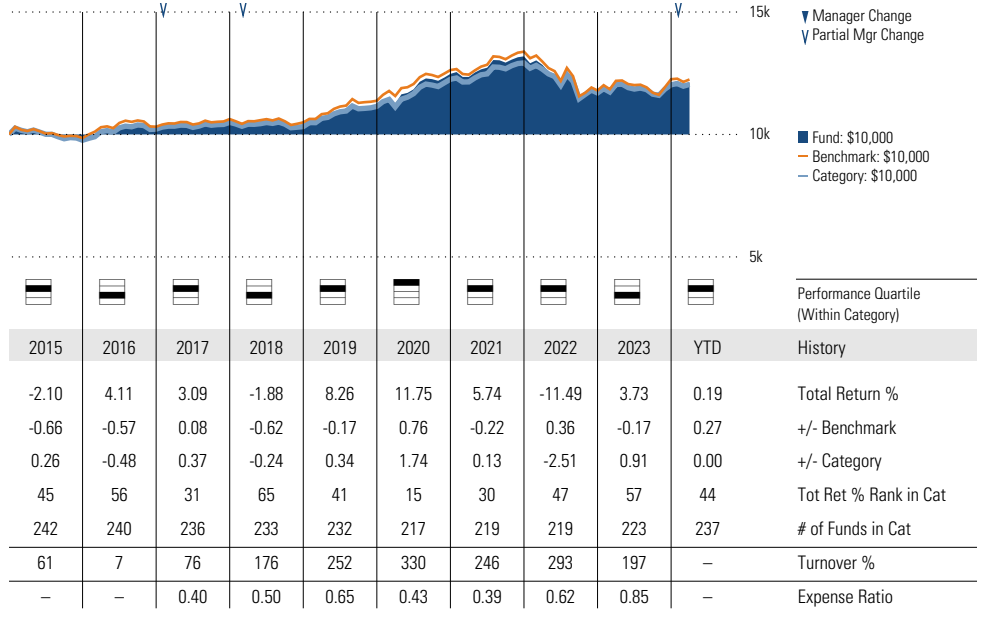
## Morningstar Investment Management LLC Analysis

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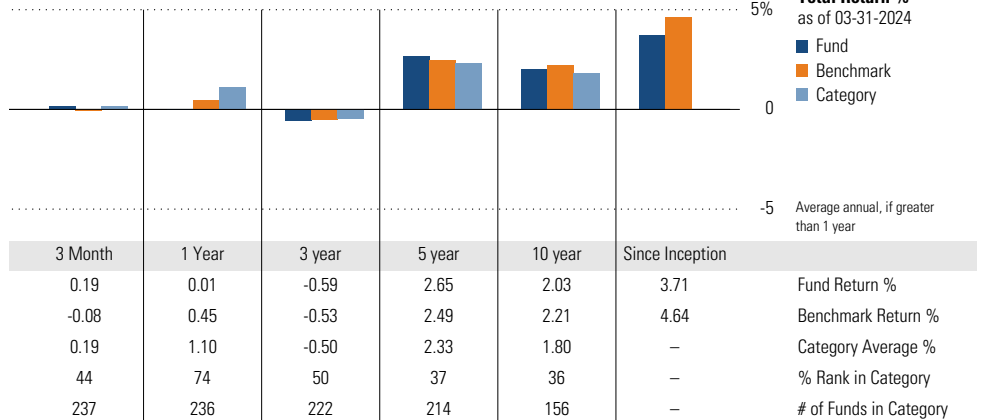
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-0.36
Beta	1.02	-	0.97
R-Squared	99.22	-	95.52
Standard Deviation	7.30	7.15	7.13
Sharpe Ratio	-0.44	-0.45	-0.48
Tracking Error	0.66	-	1.65
Information Ratio	-0.08	-	-0.48
Up Capture Ratio	100.24	-	94.67
Down Capture Ratio	100.77	-	98.67

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.35	4.52	6.27
Avg Eff Maturity	-	-	7.18

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

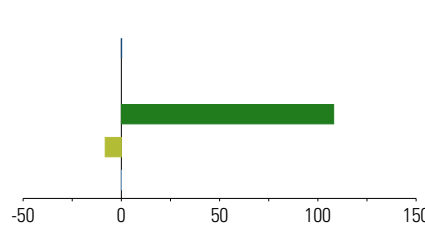
**Morningstar Index**  
Bloomberg US Treasury US TIPS TR USD

## Style Analysis as of 03-31-2024

### Style Breakdown



## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	0.16	0.23
Non-US Stocks	0.00	0.00
Bonds	108.04	96.30
Cash	-8.22	2.92
Other	0.02	0.55
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	1.17	0.00	29.65
AA	94.37	99.60	67.50
A	0.60	0.00	0.83
BBB	0.81	0.00	1.33
BB	0.24	0.00	0.04
B	0.06	0.00	0.01
Below B	0.00	0.00	0.11
Not Rated	2.75	0.40	0.53

## Sector Weighting as of 03-31-2024



## Top 10 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Fed Fund 30 Day Apr 24	-	12.74	12.74	-
✱ Cash Offset	-	11.87	24.61	-
⊖ USD CASH(Alpha Committed)	04-2024	7.01	31.61	-
⊕ United States Treasury Notes	10-2028	5.94	37.55	-
⊖ Us 5Yr Note Jun 24	-	5.60	43.15	-
⊖ RRP TREASURY (CPI) NOTE 2.375 15-0 HSSUS	04-2024	4.76	47.91	-
⊖ Us Ultra 10Yr Note Jun 24	-	4.73	52.64	-
⊖ United States Treasury Notes	07-2033	3.71	56.36	-
⊖ United States Treasury Notes	01-2033	3.68	60.04	-
⊖ United States Treasury Notes	07-2032	3.67	63.71	-

**Total Holdings 318**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Delaware Emerging Markets Instl DEMIX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Liu-Er Chen since 09-2006

## Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts 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 17.53 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 96.43 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.17 is 3.54% higher than the Diversified Emerging Mkts category average.

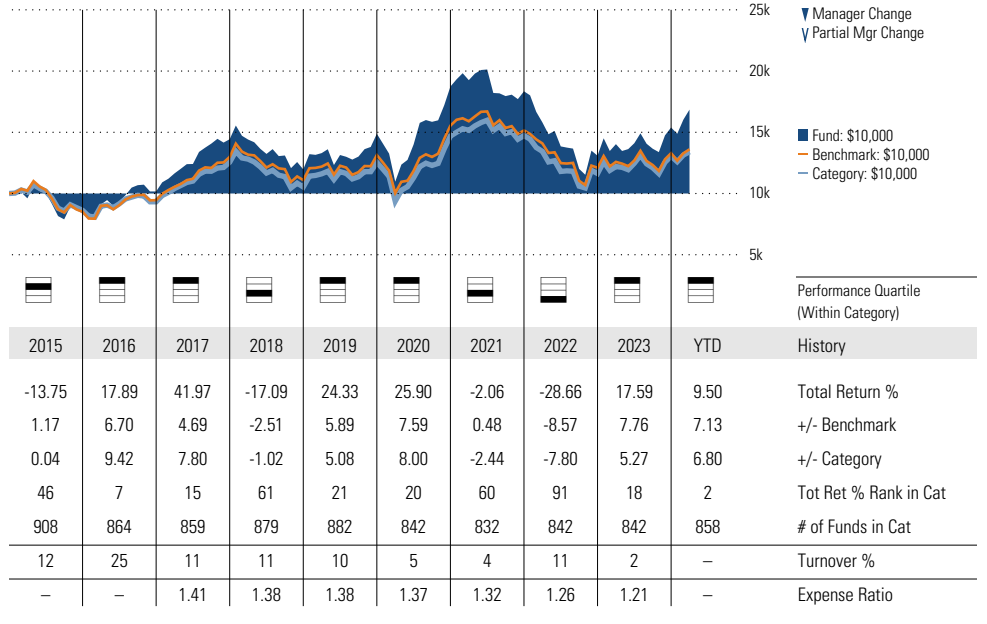
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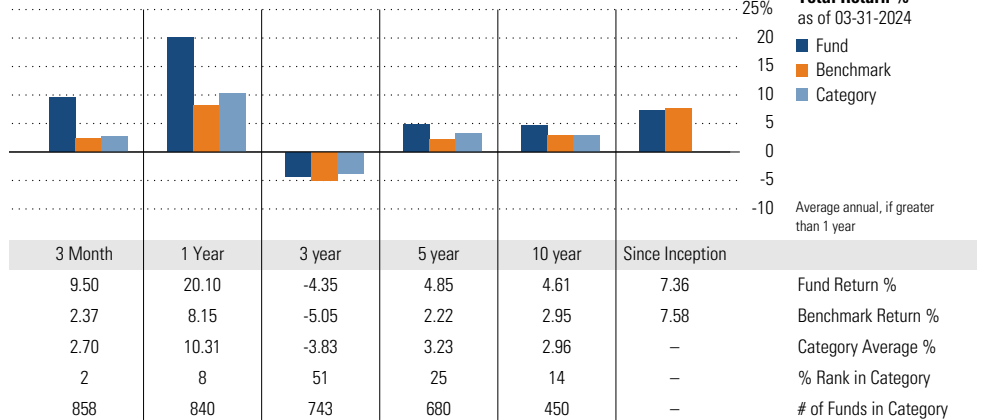
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

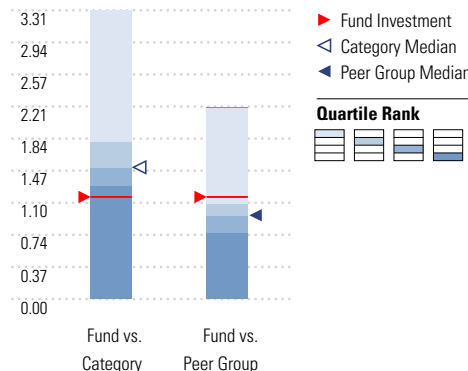
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.83	-	0.10
Beta	1.13	-	0.95
R-Squared	91.40	-	87.85
Standard Deviation	21.07	17.76	18.00
Sharpe Ratio	-0.25	-0.37	-0.34
Tracking Error	6.62	-	6.15
Information Ratio	0.11	-	0.01
Up Capture Ratio	118.05	-	97.10
Down Capture Ratio	111.16	-	96.86

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.53	14.02	14.51
Price/Book Ratio	1.70	1.66	1.91
Geom Avg Mkt Cap \$B	68.88	39.75	46.60
ROE	14.17	16.09	18.75

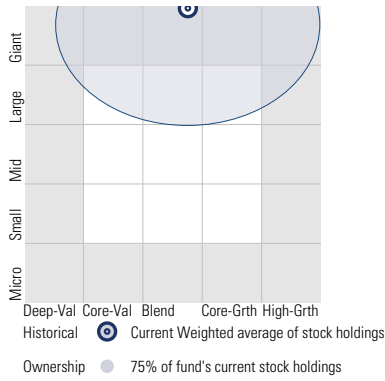
# Delaware Emerging Markets Instl DEMIX

**Morningstar Category**  
Diversified Emerging Mkts

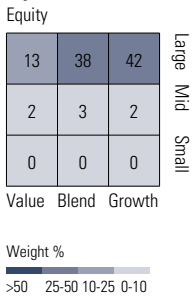
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 03-31-2024

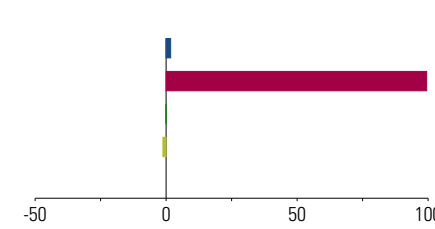
Morningstar Style Box™



## Style Breakdown

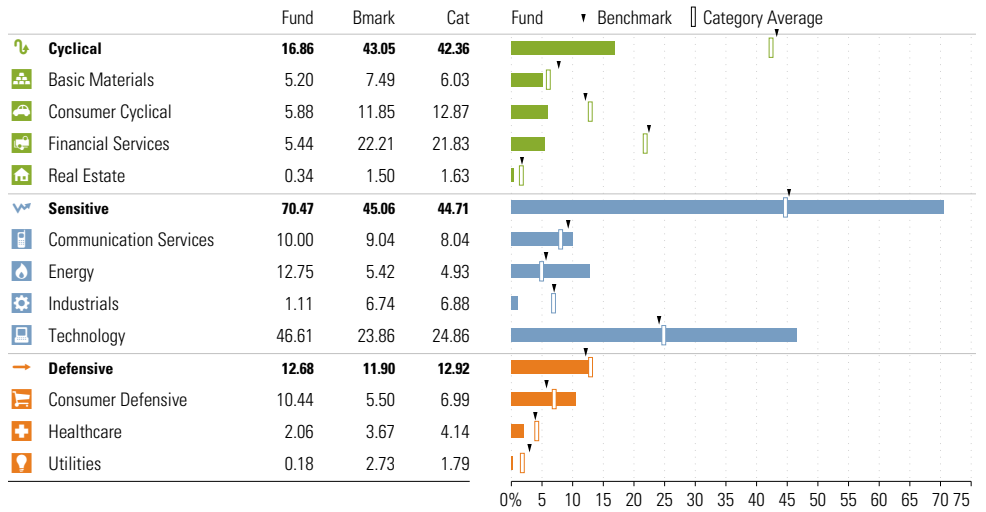


## Asset Allocation as of 03-31-2024

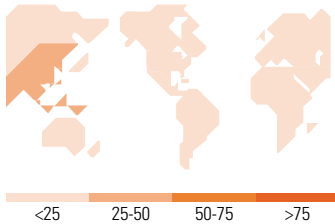


Asset Class	Net %	Cat%
US Stocks	1.74	3.58
Non-US Stocks	99.45	94.80
Bonds	0.02	0.05
Cash	-1.21	1.38
Other	0.00	0.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## World Regions % Equity 03-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	81.90	72.94	Americas	15.81	16.21	Greater Europe	2.29	10.84	Developed Markets	50.47
Japan	0.00	0.07	North America	1.72	3.16	United Kingdom	0.00	0.56	Emerging Markets	49.53
Australasia	0.05	0.00	Central/Latin	14.09	13.05	W euro-ex UK	0.00	1.90	Not Available	0.00
Asia-4 Tigers	48.63	28.48				Emrgng Europe	1.47	1.90		
Asia-ex 4 Tigers	33.22	44.39				Africa	0.82	6.48		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	14.05	14.05	-	Technology
SK Hynix Inc	8.71	22.77	-	Technology
SK Square	7.74	30.51	-	Technology
Reliance Industries Ltd	7.06	37.57	-	Energy
MediaTek Inc	6.02	43.58	-	Technology
Samsung Electronics Co Ltd	5.89	49.47	-	Technology
Reliance Industries Ltd GDR - 144A	3.15	52.62	-	Energy
Alibaba Group Holding Ltd ADR	2.65	55.27	-	Consumer Cyclical
Tencent Holdings Ltd	2.18	57.46	-	Communication Svc
Kweichow Moutai Co Ltd Class A	1.78	59.23	-	Consumer Defensive

**Total Holdings 129**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

Chris Devine since 11-2010  
Christian Ulrich since 11-2010  
Mark Ahnrud since 11-2010  
Scott Hixon since 11-2010  
Scott Wolle since 11-2010

## Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket 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 13.34 years.

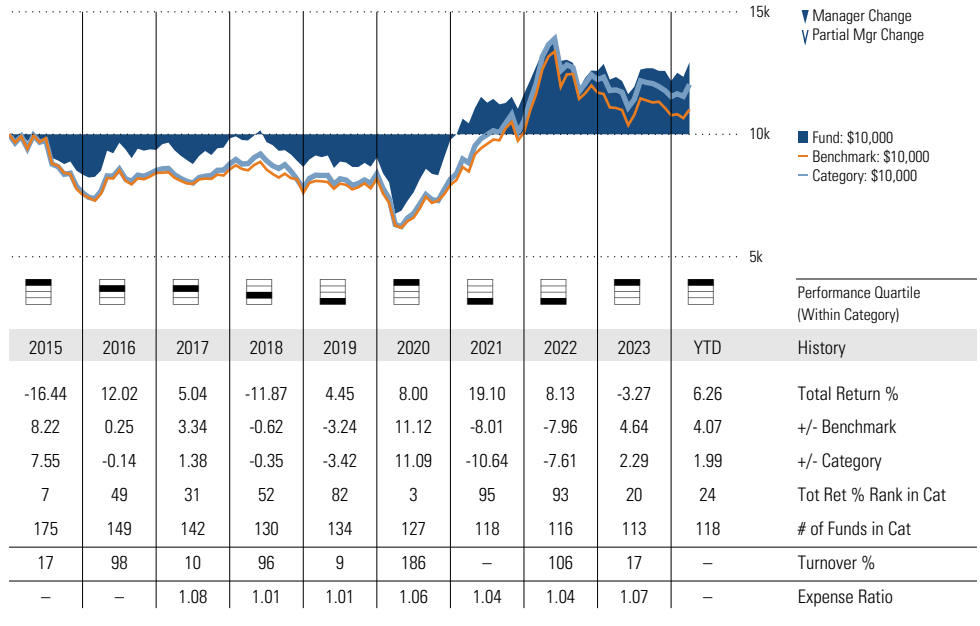
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.14 is 10.68% higher than the Commodities Broad Basket category average.

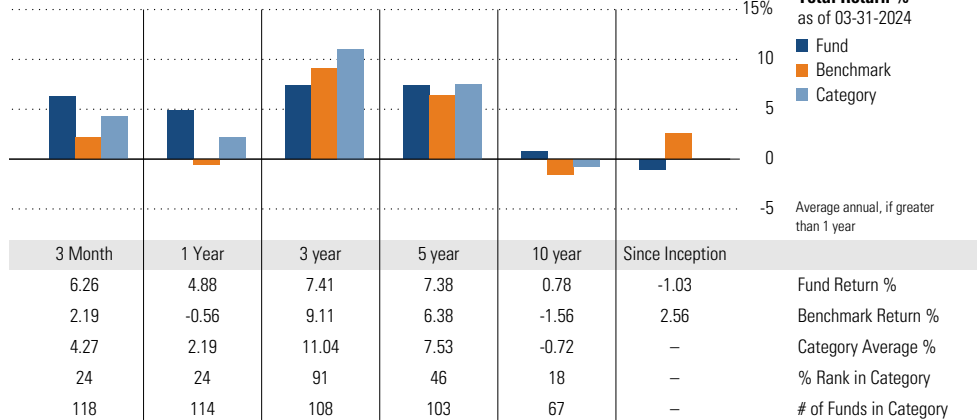
## Morningstar Investment Management LLC Analysis

We are taking Invesco Balanced-Risk Commodity Strategy off watch. The fund had underperformed in the energy driven commodity resurgence of 2021 and 2022, however performance in 2023 was strong and as expected given the lower risk approach taken by balancing the contribution to risk across commodities. This leads to an underweight in highly volatile natural gas, which collapsed in 2023 and subsequently drove outperformance. Over the long-term this lower risk approach has delivered strong results and given performance is as expected we are taking the strategy off watch.

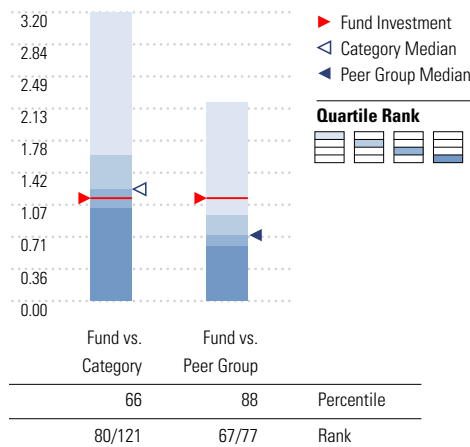
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.95	-	1.68
Beta	0.70	-	0.96
R-Squared	78.16	-	89.39
Standard Deviation	12.46	15.71	16.03
Sharpe Ratio	0.40	0.44	0.51
Tracking Error	7.48	-	4.80
Information Ratio	-0.23	-	0.14
Up Capture Ratio	72.59	-	98.62
Down Capture Ratio	68.61	-	90.53

## Portfolio Metrics

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

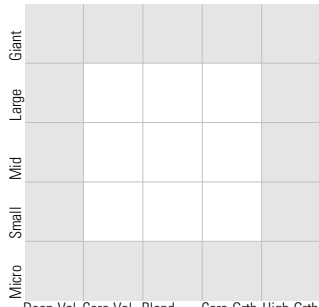
# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 03-31-2024

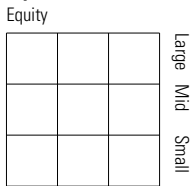
Morningstar Style Box™



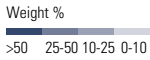
Deep-Val Core-Val Blend Core-Grth High-Grth  
Historical  Current Weighted average of stock holdings

Ownership  75% of fund's current stock holdings

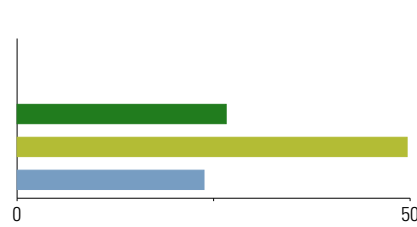
## Style Breakdown



Value Blend Growth



## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	0.00	0.89
Non-US Stocks	0.00	0.49
Bonds	26.60	26.63
Cash	49.62	47.89
Other	23.78	24.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	-	-	<b>44.68</b>			
Basic Materials	-	-	44.68			
Consumer Cyclical	-	-	0.00			
Financial Services	-	-	0.00			
Real Estate	-	-	0.00			
<b>Sensitive</b>	-	-	<b>51.07</b>			
Communication Services	-	-	0.00			
Energy	-	-	48.94			
Industrials	-	-	2.13			
Technology	-	-	0.00			
<b>Defensive</b>	-	-	<b>4.26</b>			
Consumer Defensive	-	-	4.26			
Healthcare	-	-	0.00			
Utilities	-	-	0.00			

## Top 11 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.78	23.78	-	-
⊖ Invesco Shrt-Trm Inv Treasury Instl	15.91	39.69	-	-
⊖ Invesco Shrt-Trm Inv Gov&Agcy Instl	13.92	53.61	-	-
United States Treasury Notes 5.25074%	9.98	63.58	-	-
⊖ Invesco Shrt-Trm Inv Liq Assets Instl	9.81	73.40	-	-
United States Treasury Notes 5.36274%	7.93	81.33	-	-
United States Treasury Notes 5.57074%	6.52	87.85	-	-
Bank of Montreal 0.1%	5.04	92.89	-	-
Societe Generale S.A. 0.1%	2.68	95.57	-	-
Barclays Bank plc 0.1%	2.26	97.83	-	-
Royal Bank of Canada 0.1%	2.17	100.00	-	-

## Total Holdings 11

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Global Real Estate R6 FGREX

**Morningstar Category**  
Global Real Estate

**Morningstar Index**  
S&P Global REIT TR USD

## Portfolio Manager(s)

Ping-Ying Wang since 11-2006  
James Cowen since 05-2008  
Darin Turner since 04-2010  
Grant Jackson since 06-2018

## Quantitative Screens

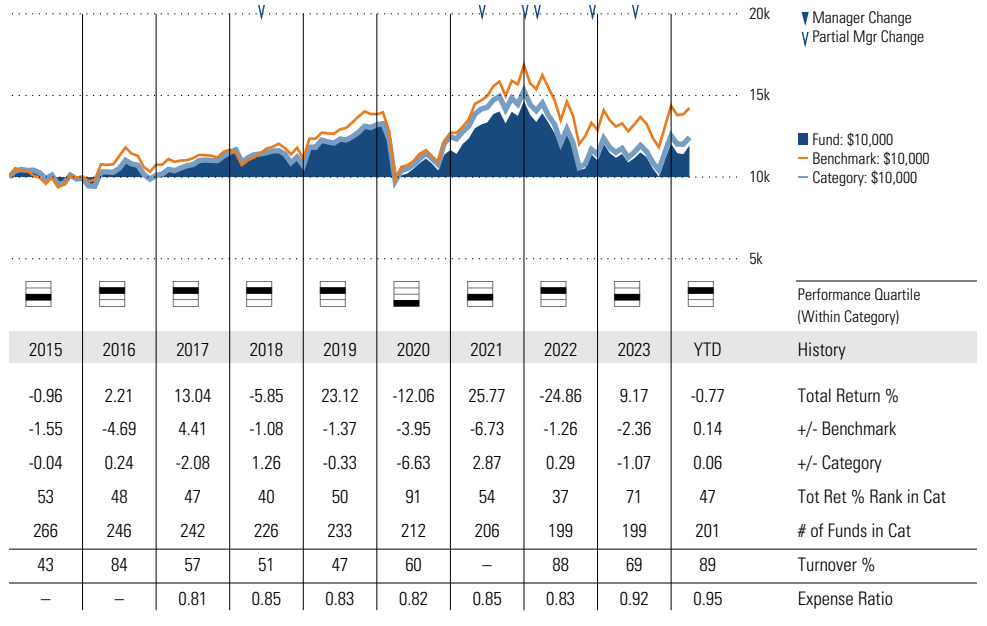
✔ **Performance:** The fund has finished in the Global Real Estate category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 17.38 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 0.92 is 17.12% lower than the Global Real Estate category average.

## Growth of \$10,000



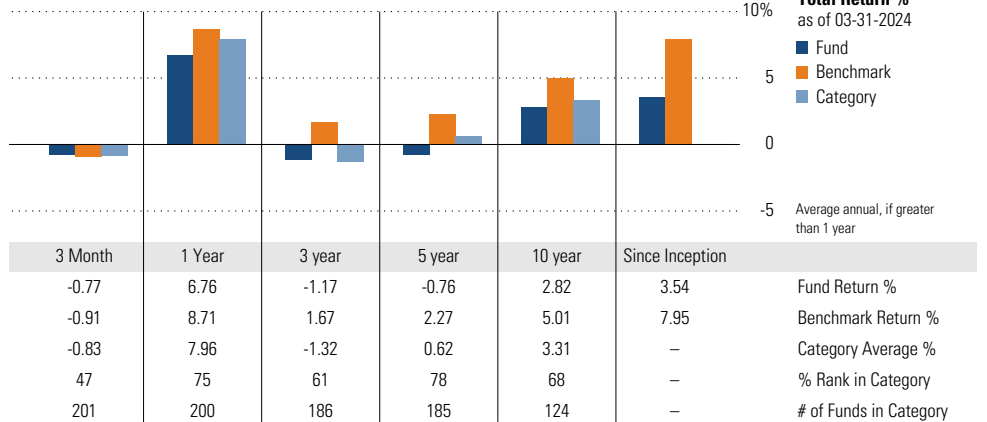
## Morningstar Investment Management LLC Analysis

We placed Invesco Global Real Estate on watch due to the departure of a longtime comanager at the end of 2022. While the fund is on watch, we will be monitoring the fund's portfolio and performance to confirm that they remain consistent with the profile that led us to select the fund.

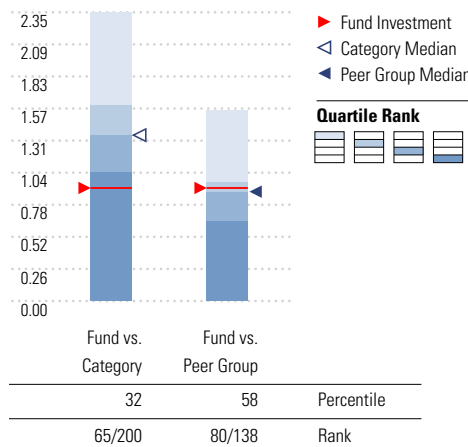
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022

## 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	-2.80	-	-2.70
Beta	0.94	-	0.95
R-Squared	97.16	-	95.76
Standard Deviation	19.15	20.18	19.52
Sharpe Ratio	-0.12	0.03	-0.11
Tracking Error	3.48	-	3.74
Information Ratio	-0.82	-	-0.76
Up Capture Ratio	89.42	-	90.87
Down Capture Ratio	98.82	-	100.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	29.04	24.63	23.73
Price/Book Ratio	1.53	1.46	1.43
Geom Avg Mkt Cap \$B	15.53	12.29	16.08
ROE	6.77	7.31	10.48

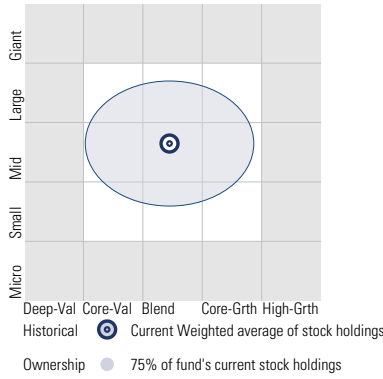
# Invesco Global Real Estate R6 FGREX

**Morningstar Category**  
Global Real Estate

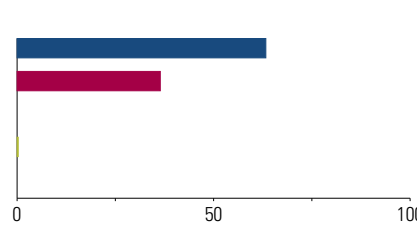
**Morningstar Index**  
S&P Global REIT TR USD

## Style Analysis as of 03-31-2024

Morningstar Style Box™



## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	63.29	50.92
Non-US Stocks	36.43	40.80
Bonds	0.00	2.10
Cash	0.28	0.74
Other	0.00	5.45
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>100.00</b>	<b>100.00</b>	<b>98.66</b>	[Bar chart showing Cyclical sector weighting]		
Basic Materials	0.00	0.00	0.46	[Bar chart showing Basic Materials weighting]		
Consumer Cyclical	1.89	0.00	0.35	[Bar chart showing Consumer Cyclical weighting]		
Financial Services	0.00	0.00	0.08	[Bar chart showing Financial Services weighting]		
Real Estate	98.11	100.00	97.77	[Bar chart showing Real Estate weighting]		
<b>Sensitive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.86</b>	[Bar chart showing Sensitive sector weighting]		
Communication Services	0.00	0.00	0.03	[Bar chart showing Communication Services weighting]		
Energy	0.00	0.00	0.42	[Bar chart showing Energy weighting]		
Industrials	0.00	0.00	0.34	[Bar chart showing Industrials weighting]		
Technology	0.00	0.00	0.07	[Bar chart showing Technology weighting]		
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.47</b>	[Bar chart showing Defensive sector weighting]		
Consumer Defensive	0.00	0.00	0.08	[Bar chart showing Consumer Defensive weighting]		
Healthcare	0.00	0.00	0.13	[Bar chart showing Healthcare weighting]		
Utilities	0.00	0.00	0.26	[Bar chart showing Utilities weighting]		

## Style Breakdown



## Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Welltower Inc	5.06	5.06	-	Real Estate
Extra Space Storage Inc	4.94	10.00	-	Real Estate
Digital Realty Trust Inc	4.64	14.64	-	Real Estate
Rexford Industrial Realty Inc	4.20	18.84	-9.59	Real Estate
UDR Inc	4.20	23.03	-	Real Estate
Equinix Inc	4.00	27.03	-	Real Estate
Alexandria Real Estate Equities Inc	3.76	30.79	-	Real Estate
Host Hotels & Resorts Inc	3.36	34.15	-	Real Estate
Terreno Realty Corp	2.89	37.05	-	Real Estate
Healthpeak Properties Inc	2.59	39.64	-	Real Estate
Equity Residential	2.59	42.23	-	Real Estate
Camden Property Trust	2.59	44.82	-	Real Estate
Simon Property Group Inc	2.19	47.01	-	Real Estate
LEG Immobilien SE	1.98	49.00	-	Real Estate
Mitsubishi Estate Co Ltd	1.97	50.96	-	Real Estate

**Total Holdings 83**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan Large Cap Growth R6 JLGMX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Giri Devulapally since 08-2004  
Holly Fleiss since 11-2020  
Joseph Wilson since 11-2020  
Larry Lee since 11-2020  
Robert Maloney since 11-2022

## Quantitative Screens

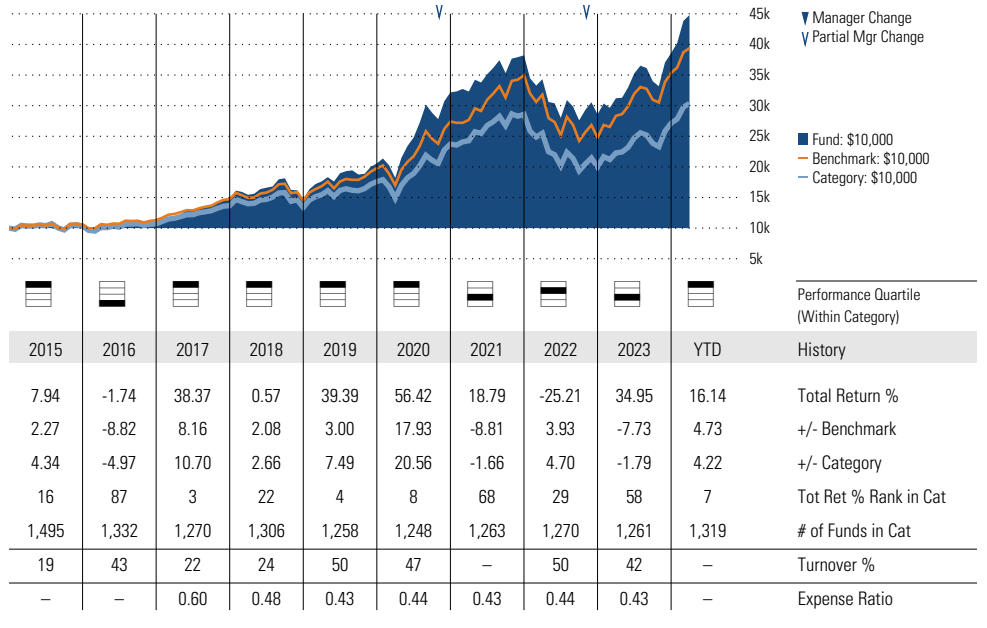
✔ **Performance:** The fund has finished in the Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 19.67 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 0.44 is 52.69% lower than the Large Growth 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.

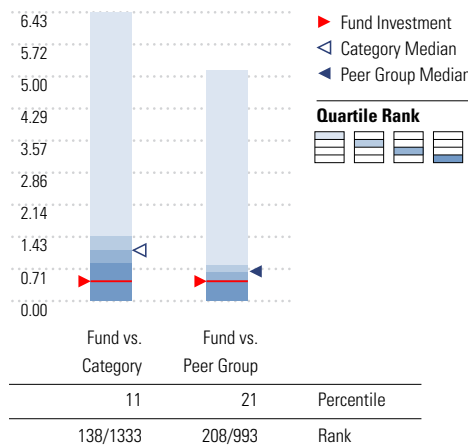
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	04-07-2022

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.06	-	-4.06
Beta	0.92	-	0.99
R-Squared	96.43	-	92.99
Standard Deviation	19.79	21.06	21.63
Sharpe Ratio	0.51	0.53	0.34
Tracking Error	4.07	-	5.74
Information Ratio	-0.24	-	-0.81
Up Capture Ratio	93.27	-	91.24
Down Capture Ratio	93.99	-	104.54

## Portfolio Metrics

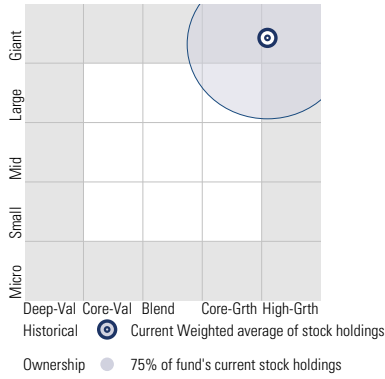
	Fund	Bmark	Cat
Price/Earnings Ratio	38.18	33.46	34.39
Price/Book Ratio	10.17	11.23	9.06
Geom Avg Mkt Cap \$B	439.23	477.55	492.48
ROE	35.98	42.00	38.04

# JPMorgan Large Cap Growth R6 JLGMX

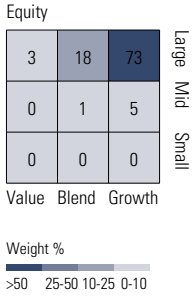
**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

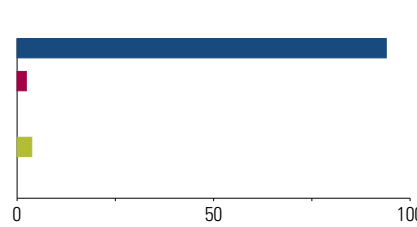
**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



### Style Breakdown



**Asset Allocation** as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	93.93	93.88
Non-US Stocks	2.34	4.16
Bonds	0.00	0.01
Cash	3.73	0.85
Other	0.00	1.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>20.38</b>	<b>22.72</b>	<b>25.16</b>			
Basic Materials	0.23	0.64	1.19			
Consumer Cyclical	16.30	15.17	14.47			
Financial Services	3.85	6.06	8.41			
Real Estate	0.00	0.85	1.09			
<b>Sensitive</b>	<b>67.88</b>	<b>62.66</b>	<b>59.25</b>			
Communication Services	14.17	11.69	11.58			
Energy	0.70	0.45	0.99			
Industrials	5.99	4.99	6.14			
Technology	47.02	45.53	40.54			
<b>Defensive</b>	<b>11.74</b>	<b>14.62</b>	<b>15.60</b>			
Consumer Defensive	1.26	4.01	2.86			
Healthcare	10.48	10.56	12.45			
Utilities	0.00	0.05	0.29			

**Top 15 Holdings** as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	10.70	10.70	-	Technology
NVIDIA Corp	7.67	18.37	-	Technology
Amazon.com Inc	6.92	25.29	-	Consumer Cyclical
Meta Platforms Inc Class A	5.94	31.24	-	Communication Svc
Eli Lilly and Co	5.20	36.44	-	Healthcare
⊕ JPMorgan Prime Money Market Inst	3.70	40.14	-	-
⊖ Apple Inc	3.61	43.74	-	Technology
⊖ Alphabet Inc Class C	3.57	47.31	-	Communication Svc
⊕ Broadcom Inc	2.82	50.13	-	Technology
Netflix Inc	2.78	52.92	-	Communication Svc
Mastercard Inc Class A	2.54	55.46	-	Financial Services
⊕ Advanced Micro Devices Inc	2.25	57.71	-	Technology
Uber Technologies Inc	2.16	59.86	-	Technology
Regeneron Pharmaceuticals Inc	1.81	61.67	-	Healthcare
Eaton Corp PLC	1.80	63.47	-	Industrials

**Total Holdings 67**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# JPMorgan US Equity R6 JUEMX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Portfolio Manager(s)

Scott Davis since 08-2014  
Shilpee Raina since 11-2021

## 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 9.62 years.

✗ **Style:** The fund has landed in its primary style box — Large Blend — 58.62 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 41.33% lower than the Large Blend category average.

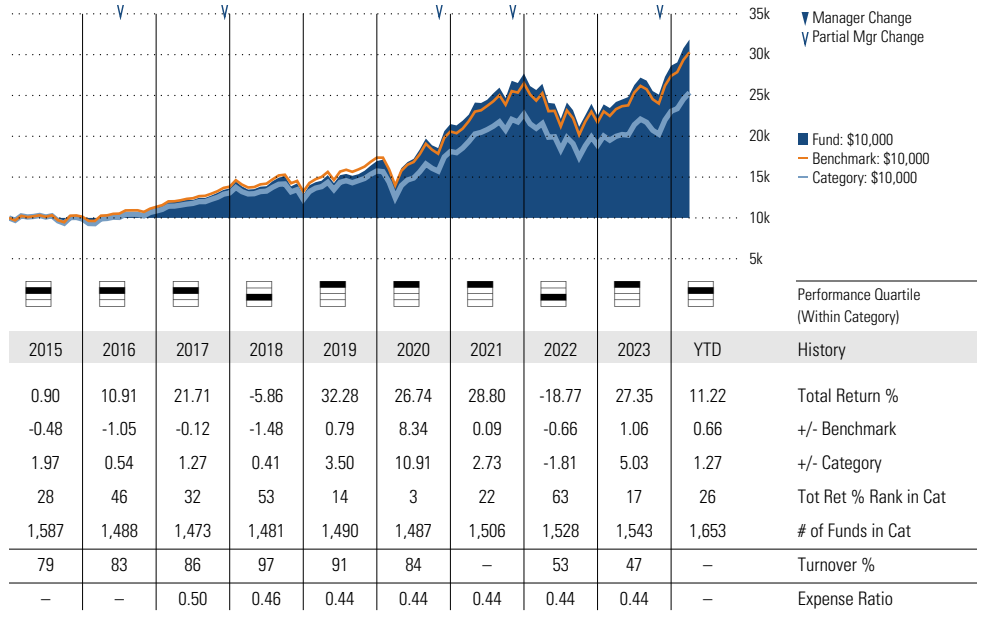
## Morningstar Investment Management LLC Analysis

The fund fails our style consistency screen as, similar to the broad market and peers, it plots on the border with growth. We are not concerned with this screen failure.

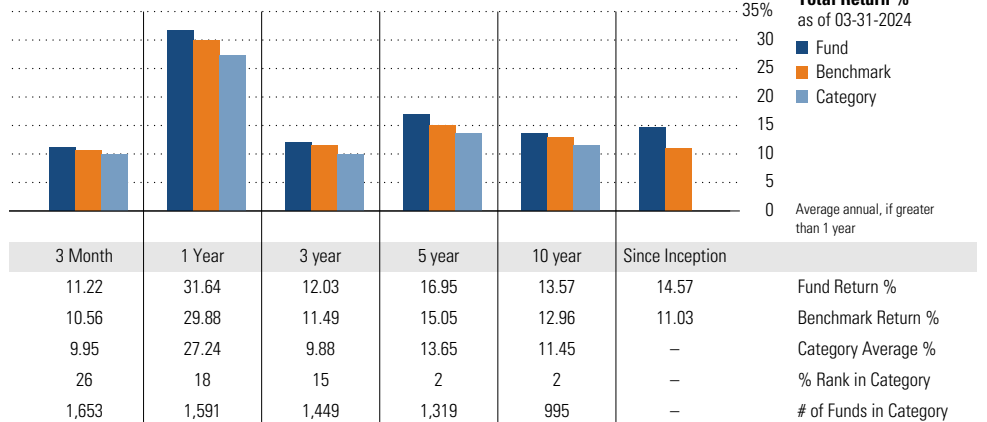
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022

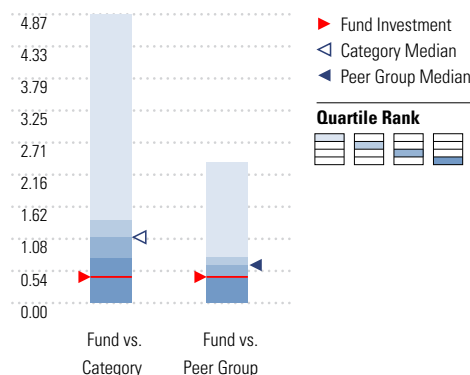
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.61	-	-0.96
Beta	0.99	-	0.94
R-Squared	98.36	-	94.59
Standard Deviation	17.55	17.60	16.99
Sharpe Ratio	0.57	0.54	0.45
Tracking Error	2.25	-	3.62
Information Ratio	0.24	-	-1.36
Up Capture Ratio	99.46	-	92.17
Down Capture Ratio	96.95	-	96.02

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.12	24.84	24.56
Price/Book Ratio	4.98	4.36	5.06
Geom Avg Mkt Cap \$B	300.29	270.11	347.16
ROE	32.85	32.68	33.81

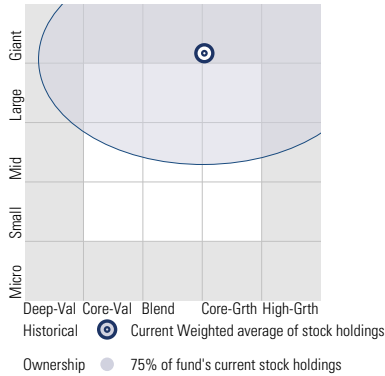
# JPMorgan US Equity R6 JUEMX

**Morningstar Category**  
Large Blend

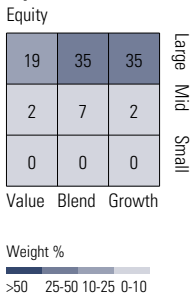
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 03-31-2024

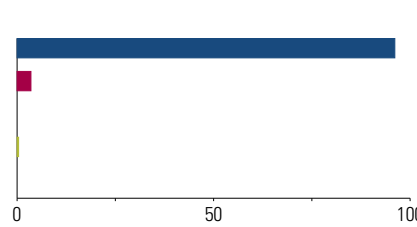
Morningstar Style Box™



## Style Breakdown

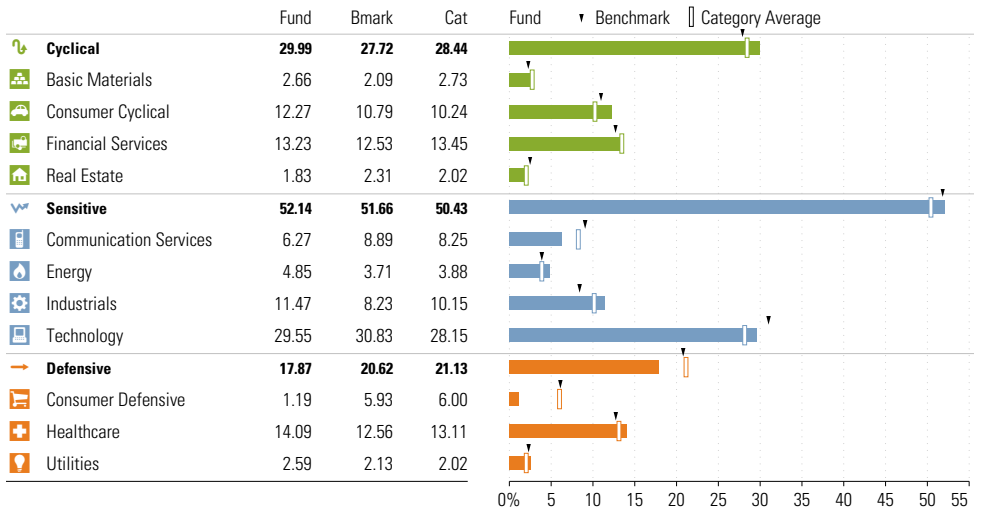


## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	96.11	95.21
Non-US Stocks	3.52	2.49
Bonds	0.00	-0.24
Cash	0.38	1.49
Other	0.00	1.06
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	9.20	9.20	-	Technology
NVIDIA Corp	5.97	15.17	-	Technology
Amazon.com Inc	5.21	20.38	-	Consumer Cyclical
Apple Inc	4.94	25.32	-	Technology
Meta Platforms Inc Class A	3.24	28.55	-	Communication Svc
Alphabet Inc Class A	3.01	31.57	-	Communication Svc
Wells Fargo & Co	2.56	34.13	-	Financial Services
AbbVie Inc	2.41	36.53	-	Healthcare
Deere & Co	2.32	38.86	-	Industrials
UnitedHealth Group Inc	2.29	41.15	-	Healthcare
Eaton Corp PLC	2.24	43.39	-	Industrials
Lowe's Companies Inc	2.19	45.58	-	Consumer Cyclical
NXP Semiconductors NV	2.13	47.71	-	Technology
Regeneron Pharmaceuticals Inc	2.08	49.79	-	Healthcare
Mastercard Inc Class A	2.03	51.82	-	Financial Services

**Total Holdings 55**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Metropolitan West Total Return Bd I MWTIX

**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

Stephen Kane since 03-1997  
 Bryan Whalen since 12-2004  
 Jerry Cudzil since 09-2023  
 Ruben Hovhannisyan since 09-2023

## Quantitative Screens

**Performance:** The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 7 of the 10 years it's been in existence.

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

Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.45 is 40% lower than the Intermediate Core-Plus Bond category average.

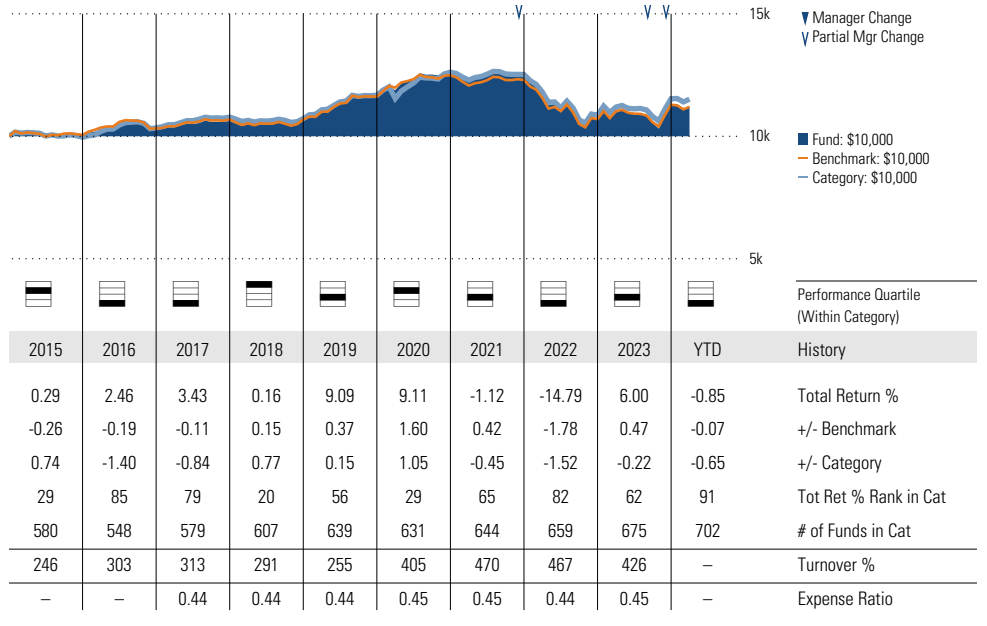
## Morningstar Investment Management LLC Analysis

We placed Metropolitan West Total Return Bond on watch due to a major leadership change at TCW. The most significant changes are that veteran portfolio managers Laird Landmann and Stephen Kane will retire at the end of 2023 and 2024, respectively. These departures have the potential to materially affect this and several other TCW and Metropolitan West strategies, and we will be forming a more detailed opinion about these funds' prospects in coming quarters.

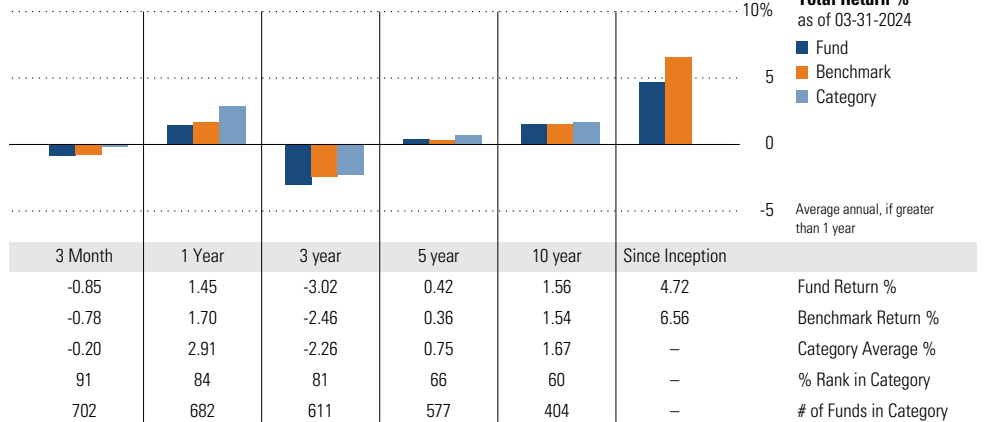
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024

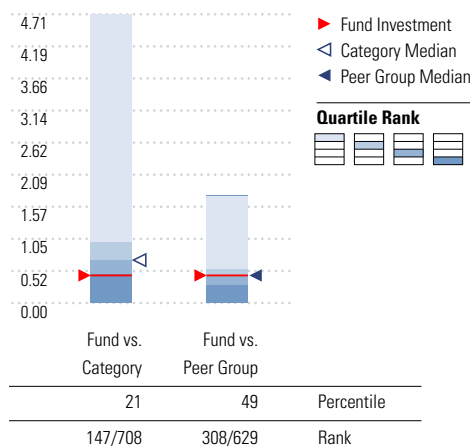
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.23	-	0.01
Beta	1.13	-	1.01
R-Squared	99.53	-	95.72
Standard Deviation	8.16	7.24	7.48
Sharpe Ratio	-0.70	-0.72	-0.70
Tracking Error	1.06	-	1.53
Information Ratio	-0.53	-	0.01
Up Capture Ratio	109.56	-	98.06
Down Capture Ratio	112.56	-	98.83

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.96	4.43	5.93
Avg Eff Maturity	8.09	-	8.41

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

# Metropolitan West Total Return Bd I MWTIX

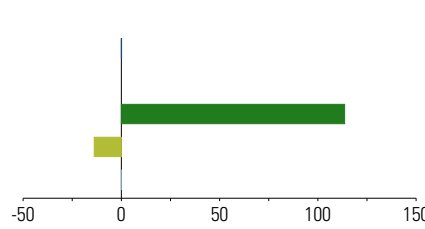
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** Bloomberg US Agg Bond TR USD

## Style Analysis as of 03-31-2024

### Style Breakdown



## Asset Allocation as of 03-31-2024

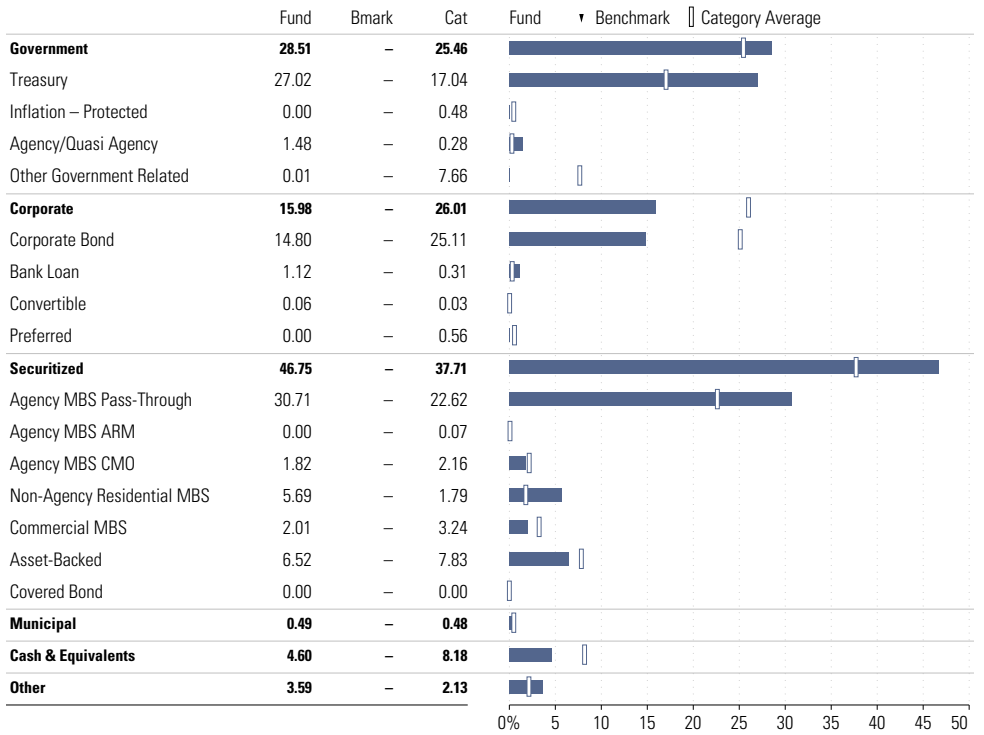


Asset Class	Net %	Cat%
US Stocks	0.12	0.04
Non-US Stocks	0.00	0.00
Bonds	113.62	98.46
Cash	-13.82	0.94
Other	0.07	0.55
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	65.46	3.53	35.40
AA	5.65	74.59	25.66
A	8.60	10.82	10.58
BBB	11.87	8.32	18.70
BB	2.37	0.28	5.18
B	1.57	0.00	1.81
Below B	4.36	0.00	0.66
Not Rated	0.12	2.46	2.02

## Sector Weighting as of 03-31-2024



## Top 10 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash & Cash Equivalents	-	16.77	16.77	-
⊕ United States Treasury Notes 4.125%	03-2029	9.48	26.25	-
⊕ United States Treasury Bonds 4.5%	02-2044	7.08	33.33	-
⊖ United States Treasury Notes 4.25%	02-2029	4.90	38.23	-
⊕ United States Treasury Notes 4%	02-2034	4.64	42.87	-
⊕ United States Treasury Bonds 4.25%	02-2054	3.63	46.50	-
⊕ Federal National Mortgage Association 4%	04-2054	3.52	50.03	-
⊕ United States Treasury Notes 4.25%	03-2027	3.14	53.17	-
⊕ Usd/Eur Fwd 20240412 955	04-2024	2.33	55.50	-
⊕ Eur/Usd Fwd 20240412 955	04-2024	2.29	57.79	-

**Total Holdings 1748**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Michael Grossman since 12-2013

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.25 years.

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

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

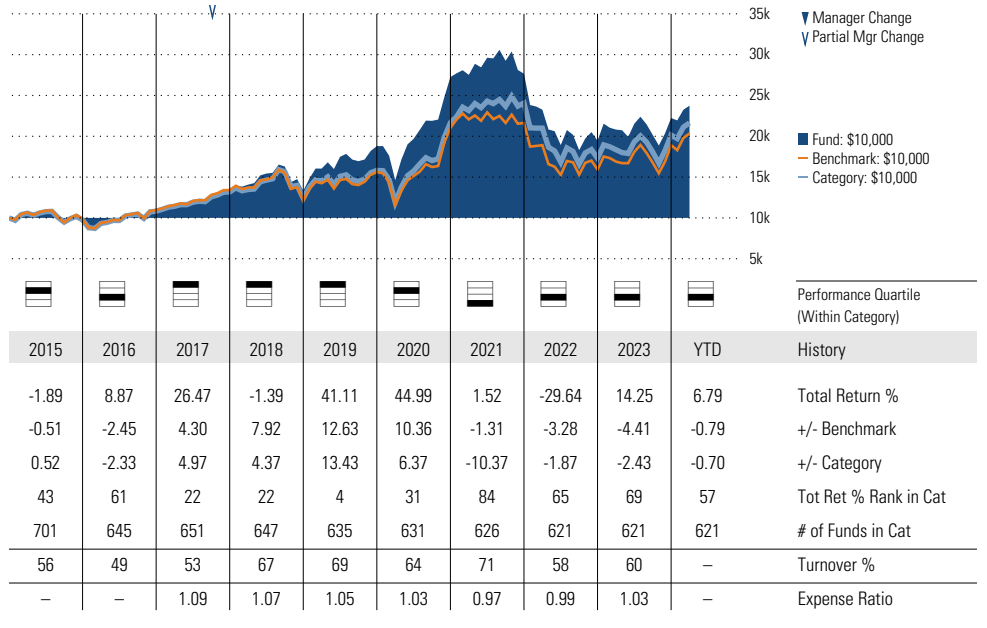
## Morningstar Investment Management LLC Analysis

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

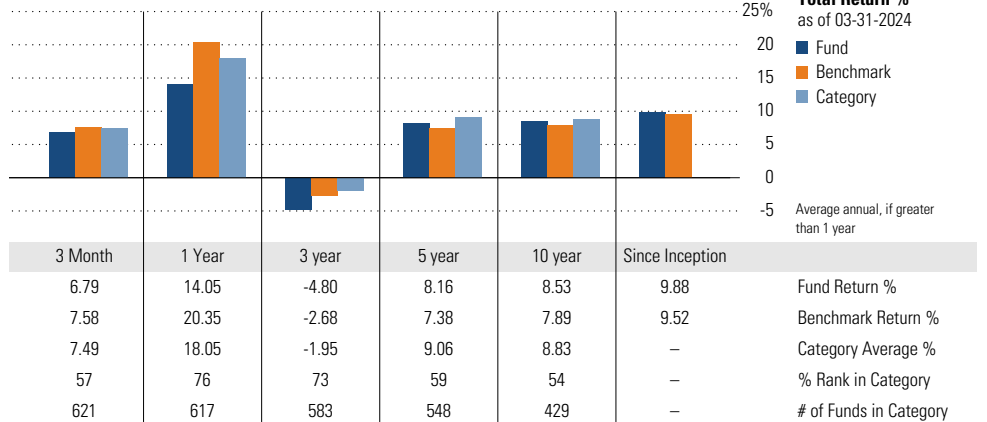
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

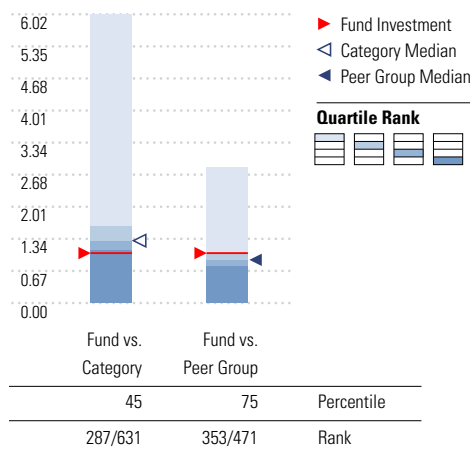
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.45	-	0.20
Beta	0.91	-	0.94
R-Squared	92.78	-	90.95
Standard Deviation	21.26	22.41	22.03
Sharpe Ratio	-0.27	-0.14	-0.12
Tracking Error	6.03	-	6.84
Information Ratio	-0.35	-	0.10
Up Capture Ratio	84.70	-	94.79
Down Capture Ratio	93.29	-	94.60

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.06	21.70	28.60
Price/Book Ratio	3.54	4.07	4.00
Geom Avg Mkt Cap \$B	5.23	3.44	6.70
ROE	5.18	10.62	11.42

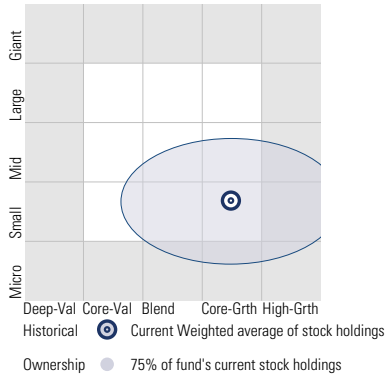
# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

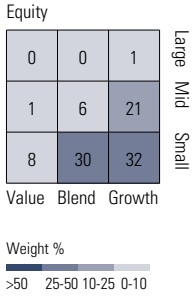
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 03-31-2024

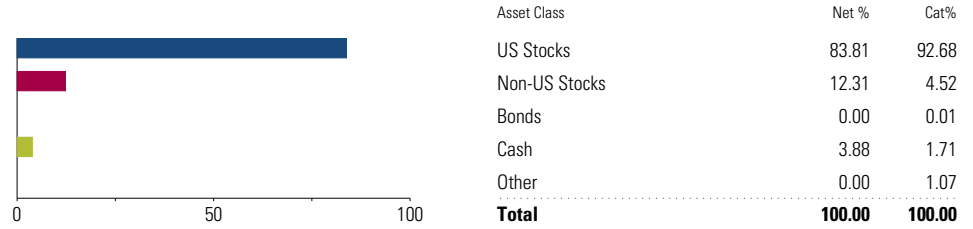
Morningstar Style Box™



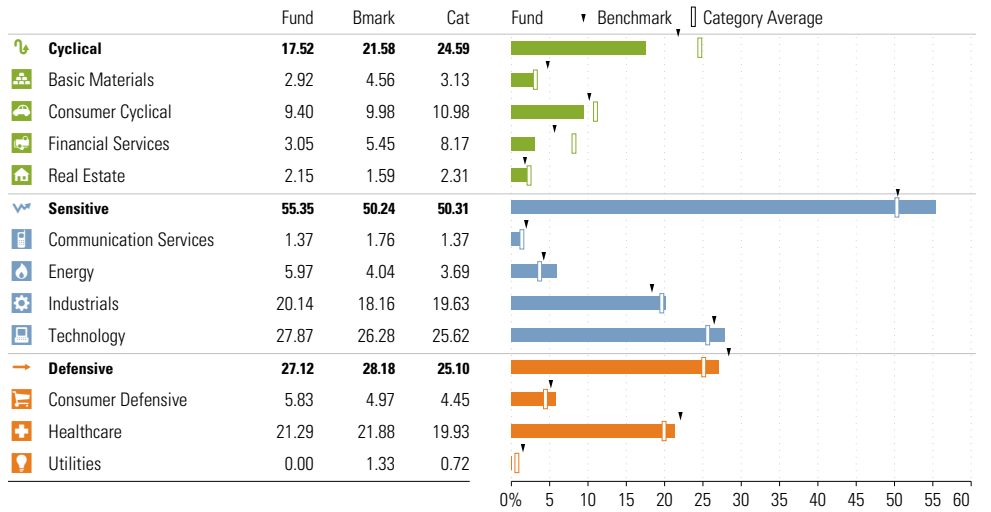
## Style Breakdown



## Asset Allocation as of 03-31-2024



## Sector Weighting as of 03-31-2024



## Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	3.90	3.90	-	-
Summit Materials Inc Class A	2.05	5.95	15.89	Basic Materials
RB Global Inc	2.03	7.98	14.28	Industrials
⊕ DoubleVerify Holdings Inc	1.95	9.94	-	Technology
Crane Co	1.87	11.81	14.55	Industrials
Jacobs Solutions Inc	1.87	13.67	18.66	Industrials
⊖ nVent Electric PLC	1.85	15.52	27.92	Industrials
KBR Inc	1.84	17.36	15.16	Industrials
⊕ US Foods Holding Corp	1.76	19.12	18.85	Consumer Defensive
CACI International Inc Class A	1.74	20.86	16.97	Technology
GFL Environmental Inc	1.73	22.60	0.01	Industrials
⊕ Matador Resources Co	1.70	24.30	17.78	Energy
TopBuild Corp	1.68	25.97	17.76	Industrials
⊕ Five9 Inc	1.65	27.62	-	Technology
Onto Innovation Inc	1.64	29.26	18.43	Technology

**Total Holdings 117**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
Bloomberg US Universal TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 17.02 years.

Style Consistency is not calculated for Fixed Income funds.

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

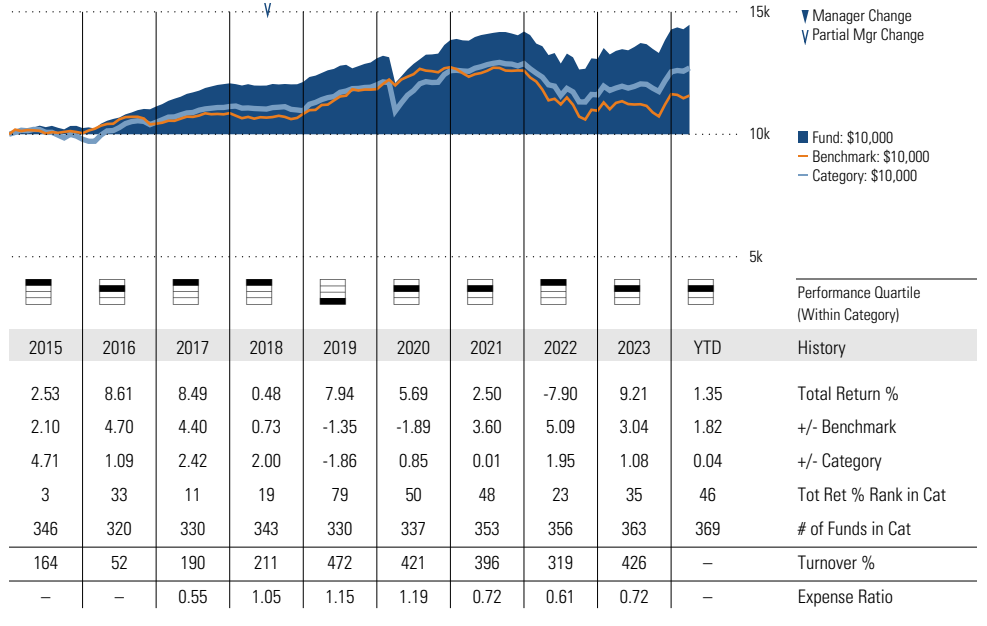
## Morningstar Investment Management LLC Analysis

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

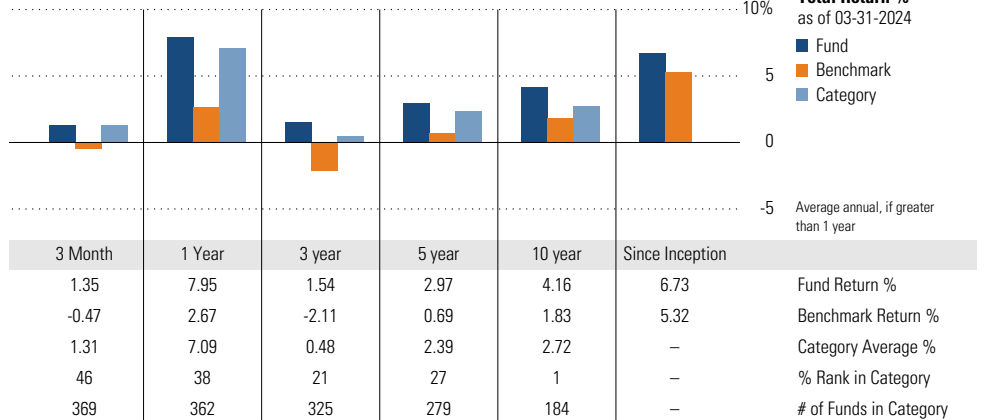
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024

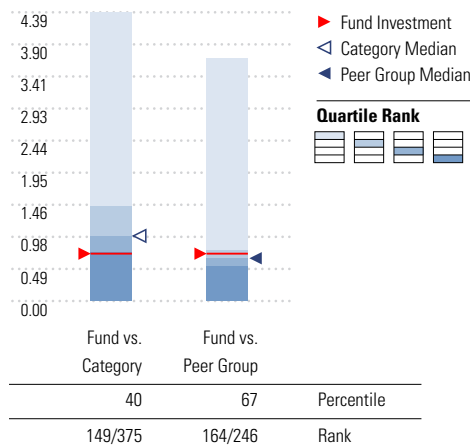
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.26	-	2.01
Beta	0.82	-	0.78
R-Squared	85.61	-	77.04
Standard Deviation	6.30	7.15	6.35
Sharpe Ratio	-0.20	-0.68	-0.38
Tracking Error	2.73	-	3.54
Information Ratio	1.34	-	0.72
Up Capture Ratio	92.91	-	81.29
Down Capture Ratio	59.52	-	61.76

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.55	4.55	4.47
Avg Eff Maturity	5.31	7.69	7.19

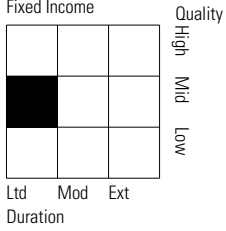
# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

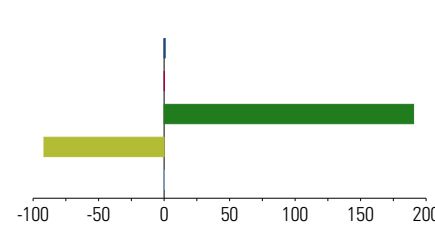
**Morningstar Index**  
Bloomberg US Universal TR USD

## Style Analysis as of 03-31-2024

### Style Breakdown



## Asset Allocation as of 03-31-2024

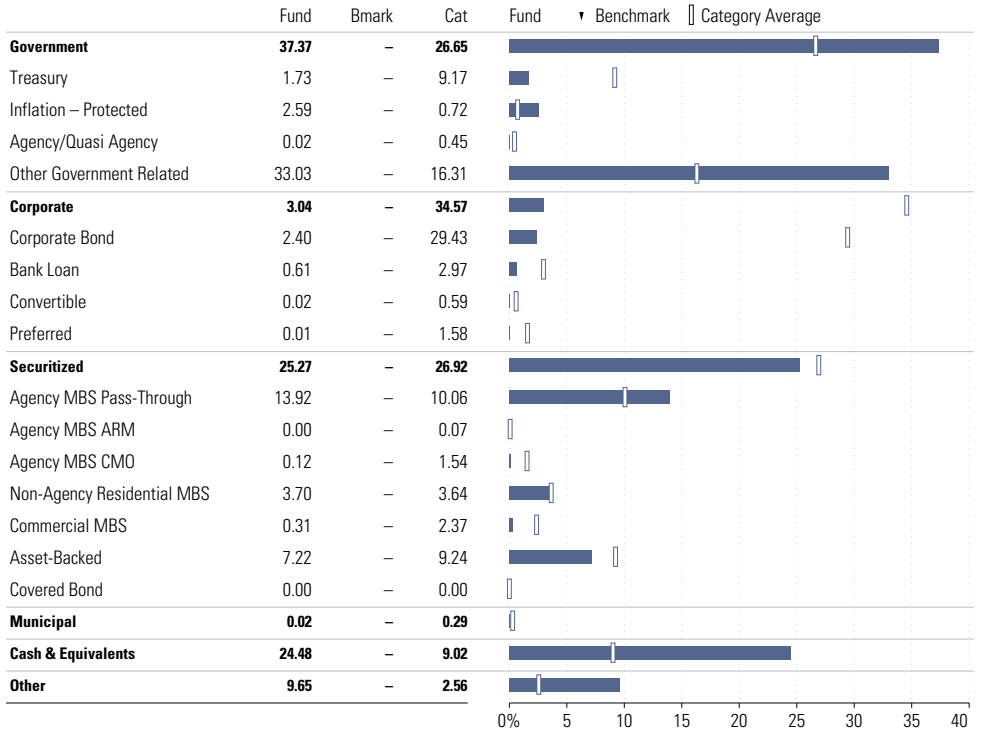


Asset Class	Net %	Cat%
US Stocks	0.81	1.19
Non-US Stocks	0.32	0.14
Bonds	190.45	107.11
Cash	-91.70	-4.46
Other	0.11	-3.97
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	60.28	67.64	18.43
AA	7.84	3.23	10.57
A	3.89	10.03	8.96
BBB	11.61	10.89	26.23
BB	5.90	3.19	18.07
B	3.51	3.64	9.92
Below B	6.97	1.38	2.89
Not Rated	0.00	0.00	4.94

## Sector Weighting as of 03-31-2024



## Top 0 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
<b>Total Holdings 0</b>				

⊕ Increase ⊖ Decrease ✱ New to Portfolio



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

**Morningstar Category**  
Global Bond-USD Hedged

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 9.52 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.73 is 2.82% higher than the Global Bond-USD Hedged category average.

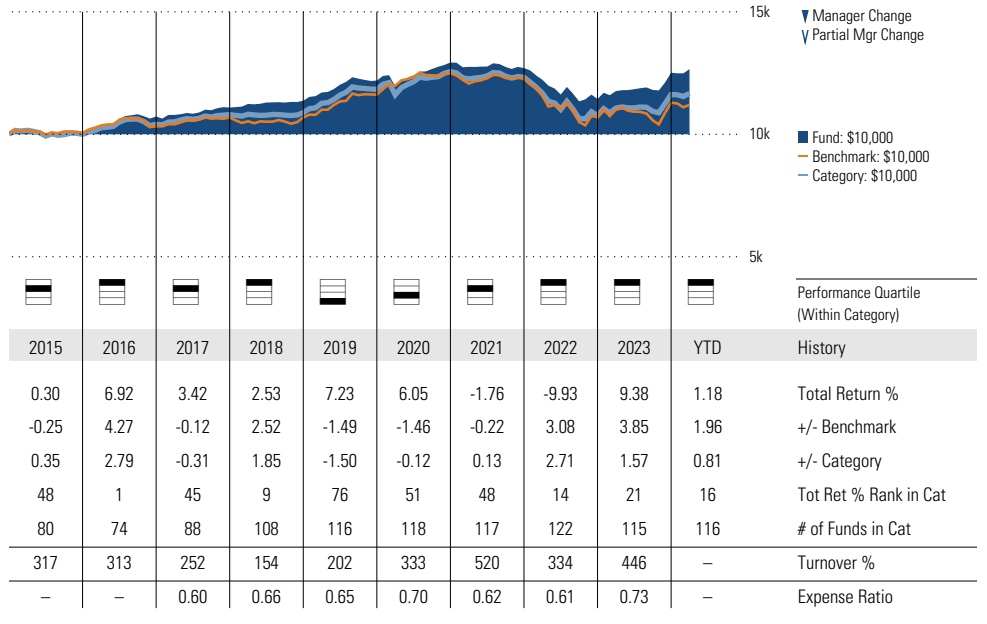
## Morningstar Investment Management LLC Analysis

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

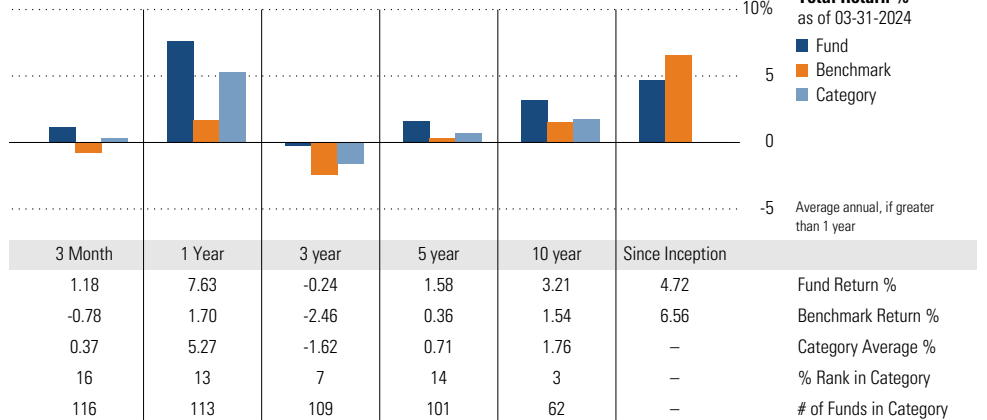
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

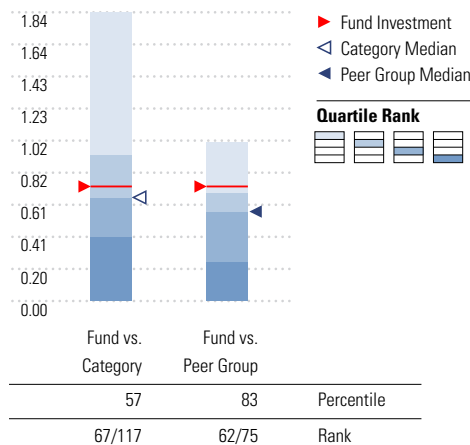
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.22	-	0.33
Beta	0.60	-	0.83
R-Squared	76.45	-	84.73
Standard Deviation	4.97	7.24	6.47
Sharpe Ratio	-0.64	-0.72	-0.72
Tracking Error	3.77	-	3.00
Information Ratio	0.59	-	0.27
Up Capture Ratio	65.05	-	83.18
Down Capture Ratio	52.74	-	80.15

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.34	4.43	6.43
Avg Eff Maturity	7.49	-	8.05

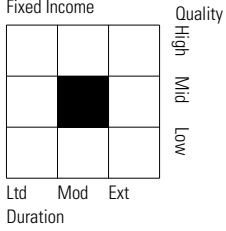
# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
Global Bond-USD Hedged

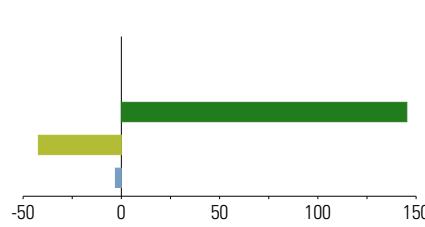
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 03-31-2024

### Style Breakdown



## Asset Allocation as of 03-31-2024

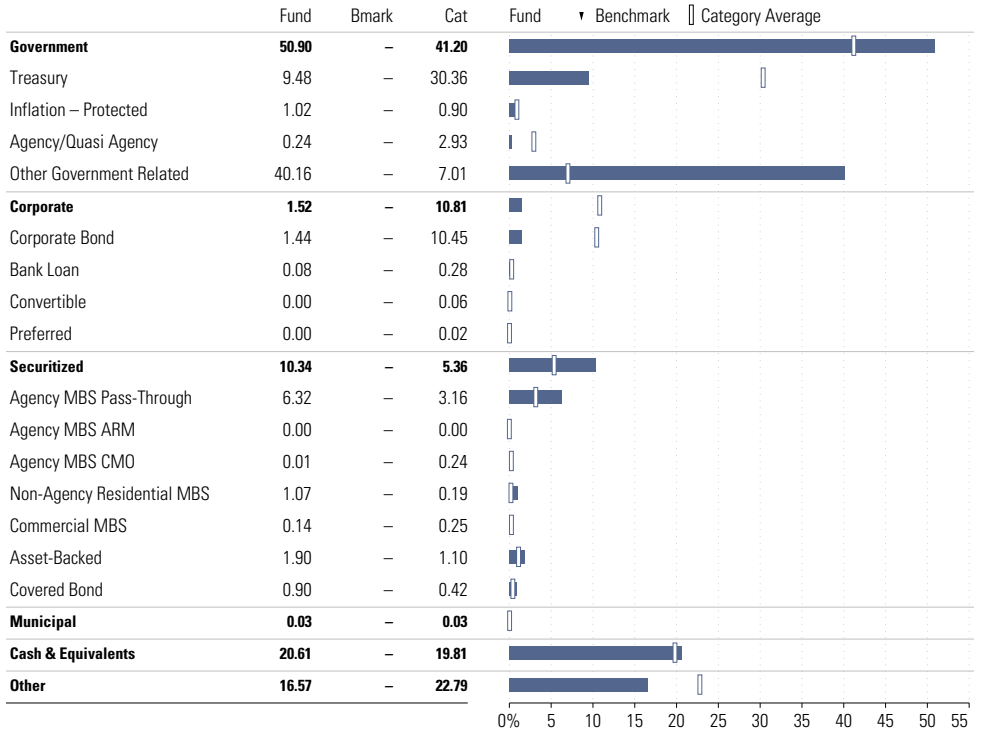


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	145.27	60.55
Cash	-42.23	39.33
Other	-3.03	0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	51.22	3.53	26.82
AA	13.50	74.59	12.65
A	15.39	10.82	25.81
BBB	17.35	8.32	21.47
BB	0.83	0.28	5.07
B	0.36	0.00	2.04
Below B	1.35	0.00	1.26
Not Rated	0.00	2.46	4.88

## Sector Weighting as of 03-31-2024



## Top 0 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
<b>Total Holdings 0</b>				

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Short-Term I2 PTSPX

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

✔ **Management:** The fund's management has been in place for 13.25 years.

Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.57 is 39.02% higher than the Ultrashort Bond category average.

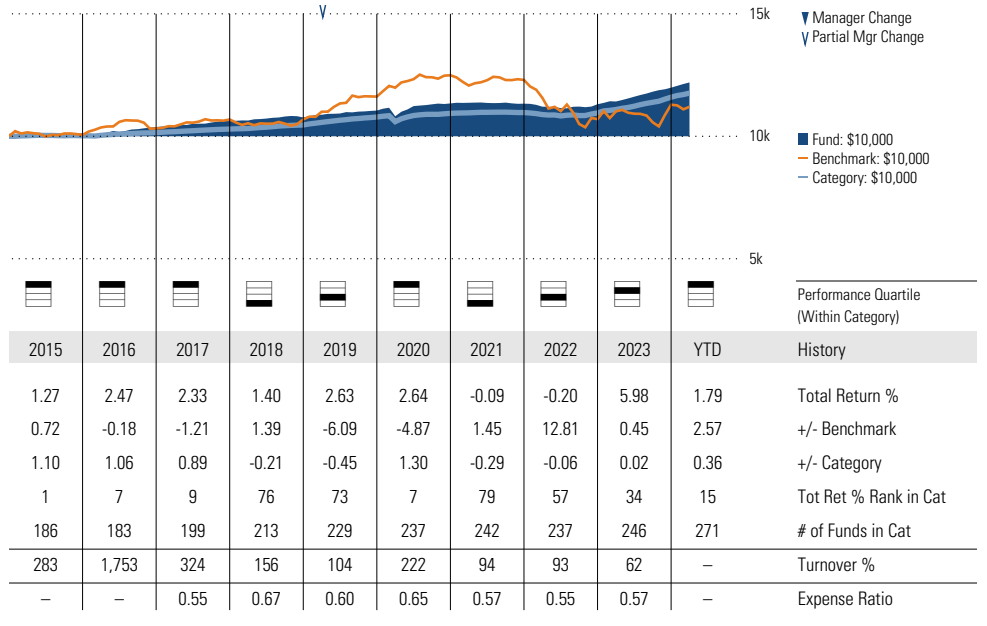
## Morningstar Investment Management LLC Analysis

This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

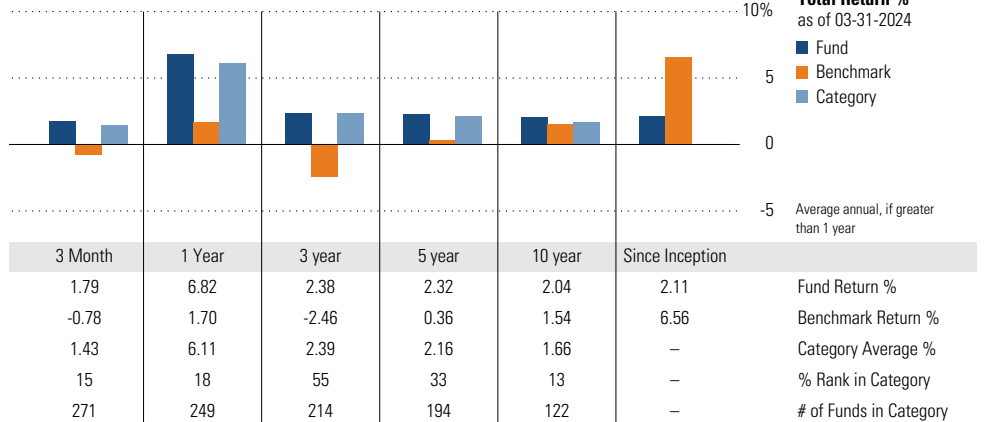
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2024

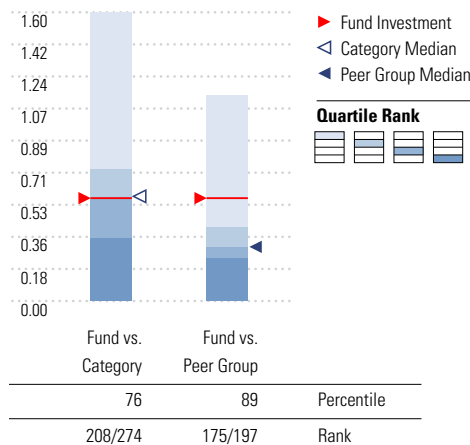
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.39	-	2.54
Beta	0.01	-	0.09
R-Squared	0.54	-	27.88
Standard Deviation	1.31	7.24	1.24
Sharpe Ratio	-0.64	-0.72	-0.91
Tracking Error	7.26	-	6.69
Information Ratio	0.67	-	0.72
Up Capture Ratio	8.16	-	17.13
Down Capture Ratio	-15.42	-	-8.23

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.04	4.43	1.05
Avg Eff Maturity	-	-	1.65

# PIMCO Short-Term I2 PTSPX

**Morningstar Category**  
Ultrashort Bond

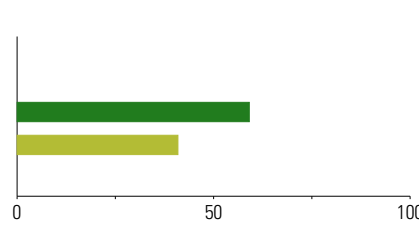
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 03-31-2024

### Style Breakdown



## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	0.00	1.86
Non-US Stocks	0.00	0.00
Bonds	59.08	66.04
Cash	40.92	31.87
Other	0.00	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	52.27	3.53	46.30
AA	4.82	74.59	15.66
A	24.60	10.82	13.25
BBB	17.69	8.32	19.87
BB	0.09	0.28	2.17
B	0.29	0.00	0.90
Below B	0.24	0.00	0.25
Not Rated	0.00	2.46	1.61

## Sector Weighting as of 03-31-2024



## Top 0 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
------	---------------	-------------	--------------	---------------------

**Total Holdings 0**

⊕ 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 6.34 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 90.91 % 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.

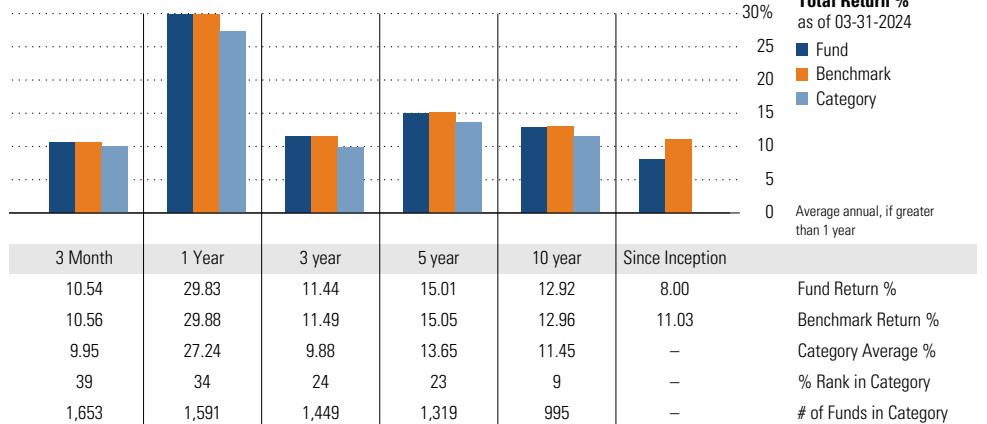
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.04	-	-0.96
Beta	1.00	-	0.94
R-Squared	100.00	-	94.59
Standard Deviation	17.60	17.60	16.99
Sharpe Ratio	0.54	0.54	0.45
Tracking Error	0.00	-	3.62
Information Ratio	-11.57	-	-1.36
Up Capture Ratio	99.91	-	92.17
Down Capture Ratio	100.07	-	96.02

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.56	24.84	24.56
Price/Book Ratio	4.49	4.36	5.06
Geom Avg Mkt Cap \$B	274.60	270.11	347.16
ROE	32.24	32.68	33.81

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Style Analysis as of 03-31-2024

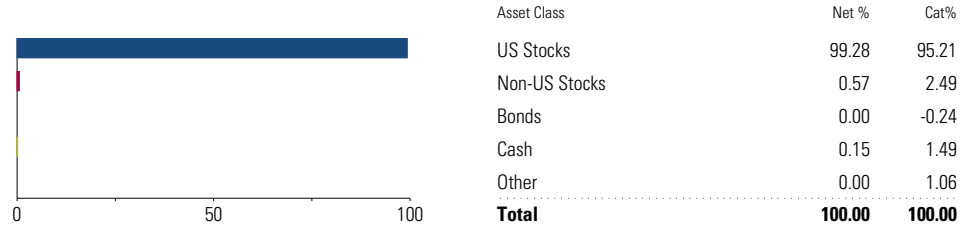
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2024



## Sector Weighting as of 03-31-2024



## Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	7.09	7.09	-	Technology
⊕ Apple Inc	5.64	12.73	-	Technology
⊕ NVIDIA Corp	5.06	17.79	-	Technology
⊕ Amazon.com Inc	3.74	21.52	-	Consumer Cyclical
⊕ Meta Platforms Inc Class A	2.42	23.95	-	Communication Svc
⊕ Alphabet Inc Class A	2.02	25.96	-	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.73	27.70	-	Financial Services
⊖ Alphabet Inc Class C	1.70	29.40	-	Communication Svc
⊕ Eli Lilly and Co	1.41	30.80	-	Healthcare
⊕ Broadcom Inc	1.32	32.13	-	Technology
⊕ JPMorgan Chase & Co	1.31	33.44	-	Financial Services
⊕ Tesla Inc	1.10	34.54	-29.25	Consumer Cyclical
⊕ Exxon Mobil Corp	1.05	35.59	-	Energy
⊕ UnitedHealth Group Inc	1.04	36.63	-	Healthcare
⊕ Visa Inc Class A	0.99	37.62	-	Financial Services

**Total Holdings 508**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Simon Webber since 12-2009  
Thomas Coutts since 12-2016  
James Gautrey since 12-2020  
Lawrence Burns since 12-2020

## Quantitative Screens

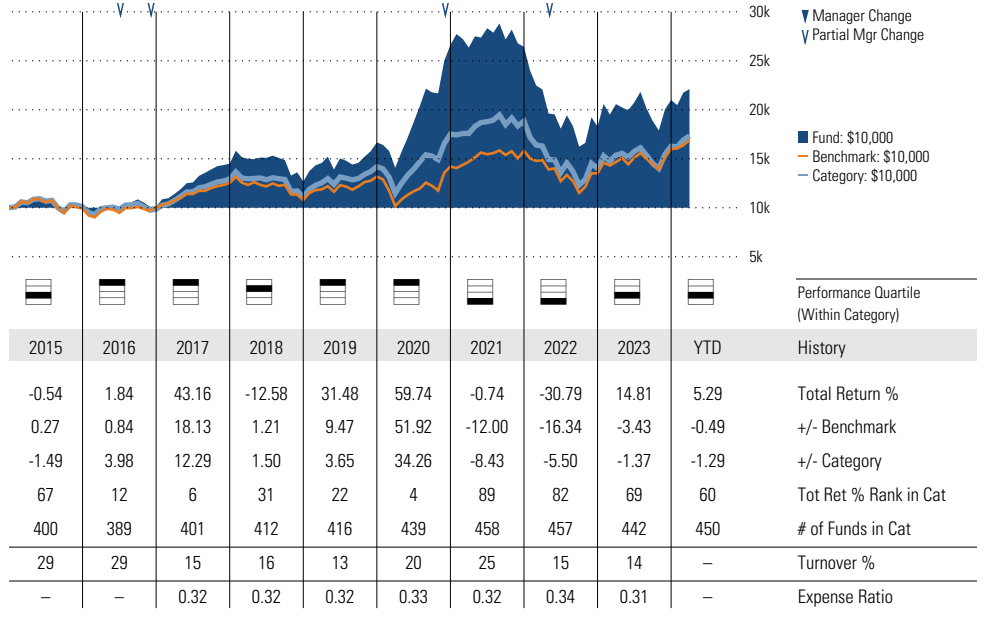
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 14.27 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 0.31 is 69.31% lower than the Foreign Large Growth category average.

## Growth of \$10,000



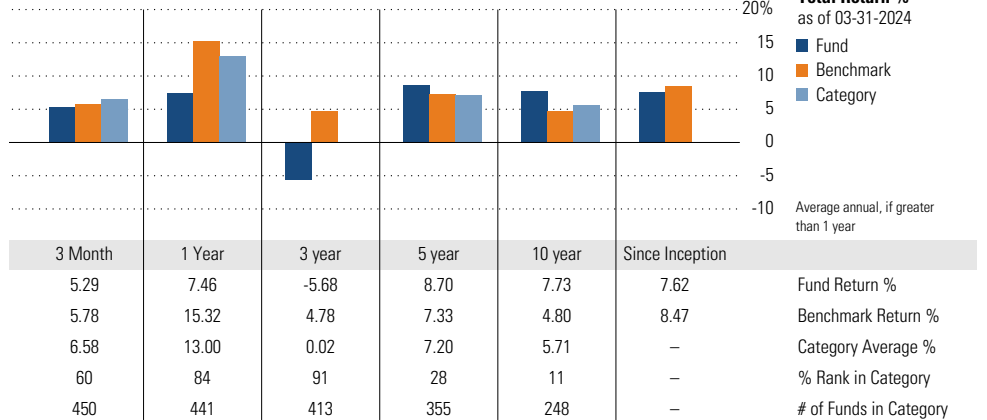
## Morningstar Investment Management LLC Analysis

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.

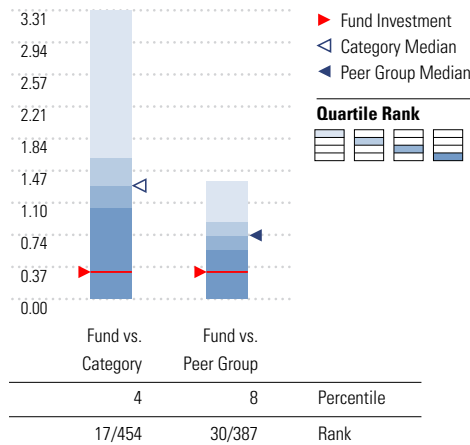
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022

## 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	-10.67	—	-5.14
Beta	1.21	—	1.11
R-Squared	79.64	—	87.35
Standard Deviation	22.89	16.86	20.04
Sharpe Ratio	-0.28	0.19	-0.06
Tracking Error	10.93	—	7.46
Information Ratio	-0.96	—	-0.67
Up Capture Ratio	89.52	—	97.59
Down Capture Ratio	135.16	—	120.05

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.18	15.76	23.85
Price/Book Ratio	3.73	1.86	3.69
Geom Avg Mkt Cap \$B	67.06	54.55	71.97
ROE	20.84	18.63	24.29

# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2024

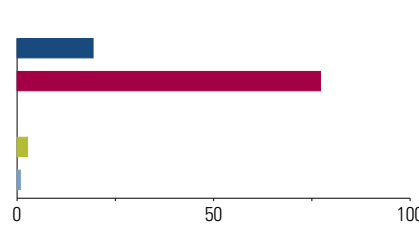
Morningstar Style Box™



## Style Breakdown

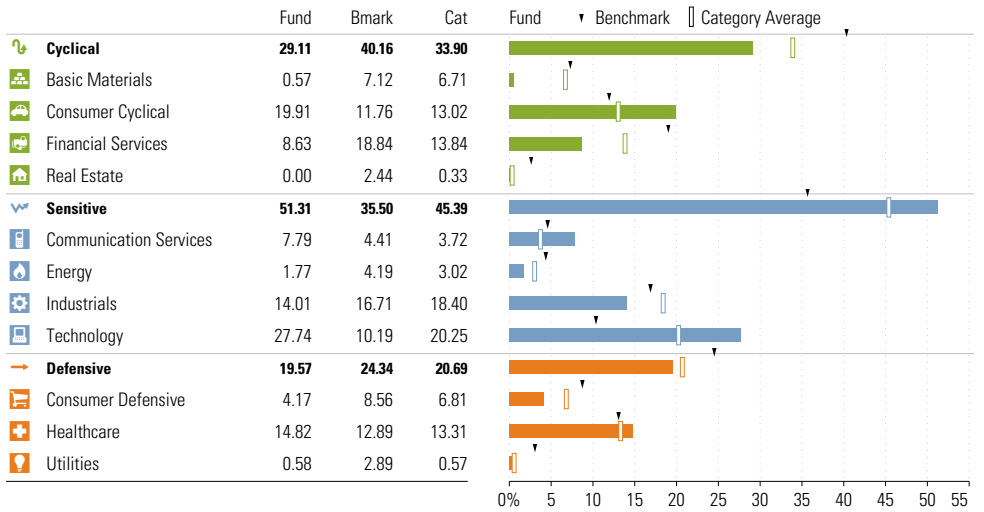


## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	19.33	8.46
Non-US Stocks	77.19	88.62
Bonds	0.00	0.10
Cash	2.66	2.02
Other	0.82	0.79
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## World Regions % Equity 03-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	24.86	26.05	Americas	27.53	16.51	Greater Europe	47.60	57.43	Developed Markets	83.80
Japan	6.55	12.82	North America	20.81	13.86	United Kingdom	7.19	12.04	Emerging Markets	16.20
Australasia	1.27	1.65	Central/Latin	6.72	2.65	W euro-ex UK	40.02	44.84	Not Available	0.00
Asia-4 Tigers	7.56	5.43				Emrgng Europe	0.00	0.03		
Asia-ex 4 Tigers	9.48	6.15				Africa	0.39	0.52		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ASML Holding NV	4.92	4.92	-	Technology
MercadoLibre Inc	4.46	9.38	-	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd	4.31	13.69	-	Technology
Adyen NV	3.85	17.55	-	Technology
Spotify Technology SA	3.81	21.36	-	Communication Svc
NVIDIA Corp	3.26	24.62	-	Technology
Ferrari NV	2.33	26.94	-	Consumer Cyclical
Tencent Holdings Ltd	2.31	29.25	-	Communication Svc
Atlas Copco AB Class A	2.29	31.54	-	Industrials
Moderna Inc	2.18	33.72	-	Healthcare

**Total Holdings 168**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.85 years.

✗ **Style:** The fund has landed in its primary style box — Large Value — 18.18 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 59.79% lower than the Foreign Large Value category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.61	-	0.53
Beta	0.97	-	0.96
R-Squared	91.00	-	87.90
Standard Deviation	17.22	16.86	17.21
Sharpe Ratio	0.08	0.19	0.20
Tracking Error	5.18	-	6.08
Information Ratio	-0.36	-	0.05
Up Capture Ratio	90.78	-	93.74
Down Capture Ratio	97.40	-	91.73

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.83	15.76	11.91
Price/Book Ratio	1.75	1.86	1.30
Geom Avg Mkt Cap \$B	34.66	54.55	39.03
ROE	16.74	18.63	14.30

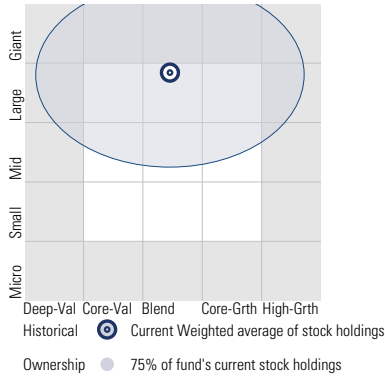
# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2024

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	3.97	2.89
Non-US Stocks	90.44	95.22
Bonds	0.00	0.17
Cash	5.16	1.00
Other	0.44	0.71
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## World Regions % Equity 03-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Americas	12.10	8.65	Greater Europe	51.25	60.98	Developed Markets	81.96			
North America	6.95	7.54	United Kingdom	16.09	18.05	Emerging Markets	18.04			
Central/Latin	5.15	1.11	W euro-ex UK	34.86	42.17	Not Available	0.00			
			Emrgng Europe	0.00	0.14					
			Africa	0.30	0.62					

## Top 10 Holdings as of 03-31-2024

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

**Total Holdings 262**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 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.

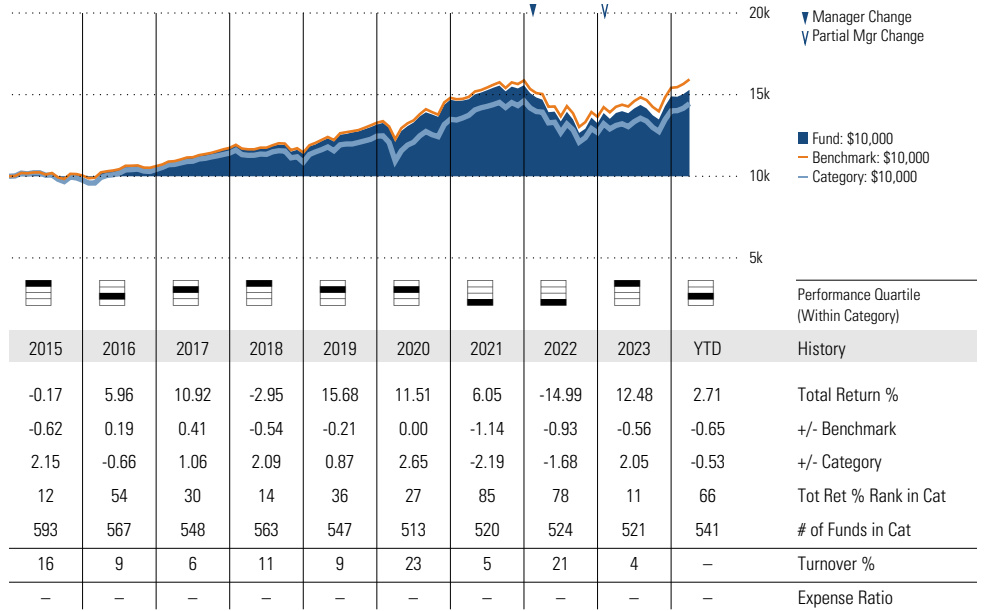
## Morningstar Investment Management LLC Analysis

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.

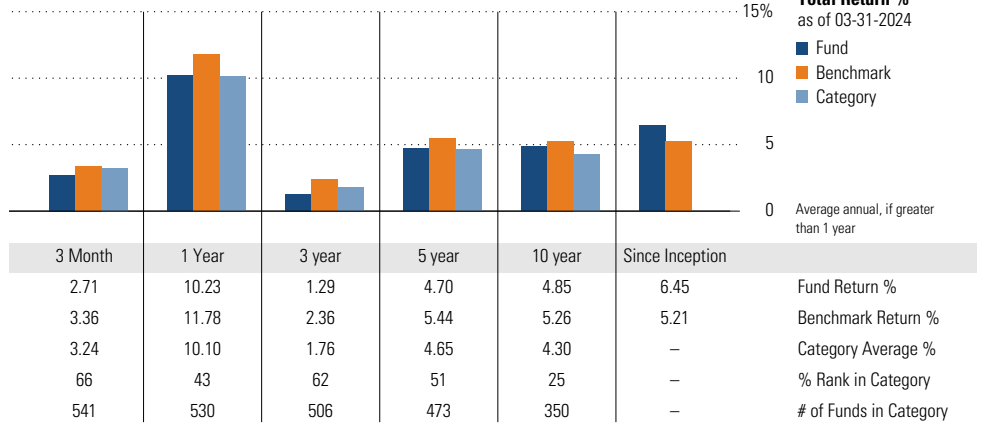
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
ESG Commitment	1-Low	07-19-2023

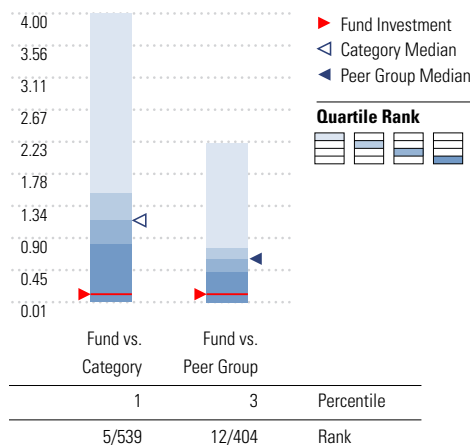
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.09	-	-0.47
Beta	1.03	-	0.97
R-Squared	99.41	-	94.48
Standard Deviation	10.14	9.86	9.87
Sharpe Ratio	-0.11	-0.01	-0.08
Tracking Error	0.82	-	2.31
Information Ratio	-1.30	-	-0.42
Up Capture Ratio	98.58	-	96.87
Down Capture Ratio	106.44	-	100.68

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.72	21.11	21.62
Price/Book Ratio	2.62	3.00	3.24
Avg Eff Duration	6.45	5.80	5.16

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

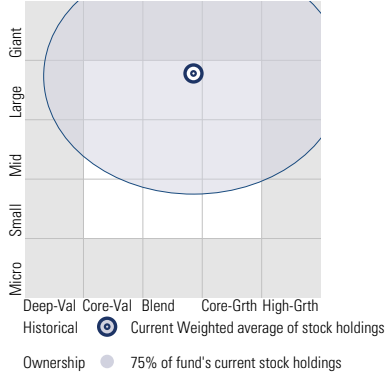
**Morningstar Category**  
Moderately Conservative

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

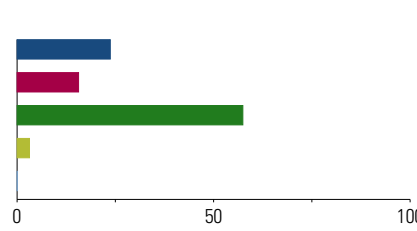
Allocation

## Style Analysis as of 03-31-2024

Morningstar Style Box™

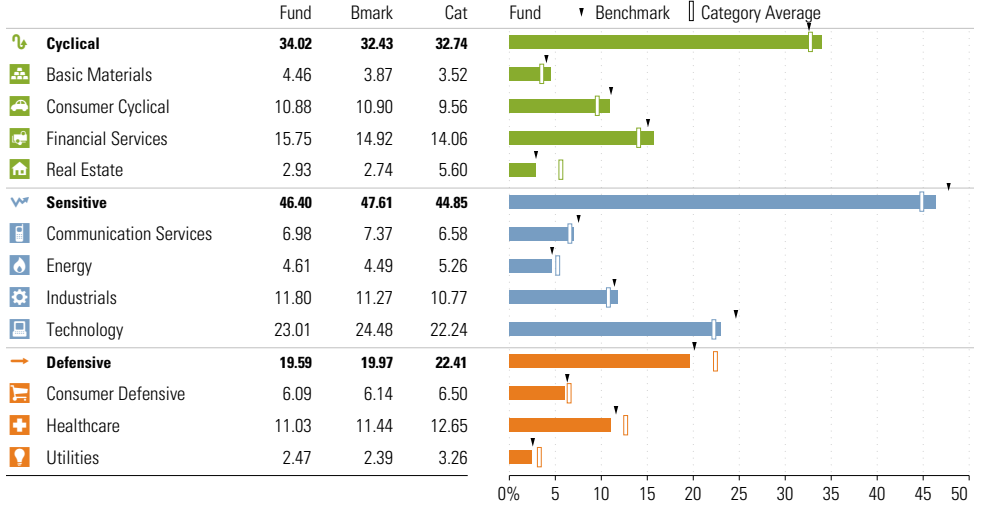


## Asset Allocation as of 03-31-2024

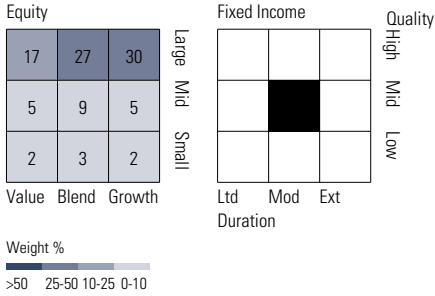


Asset Class	Net %	Cat%
US Stocks	23.71	26.72
Non-US Stocks	15.64	7.06
Bonds	57.44	55.50
Cash	3.15	6.16
Other	0.05	4.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## Style Breakdown



## Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	41.44	41.44	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	23.78	65.22	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	17.86	83.07	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	16.13	99.21	—	—
⊕ Mktliq 12/31/2049	—	0.79	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  
Aur lie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.14 is 85.57% lower than the Moderately Aggressive Allocation category average.

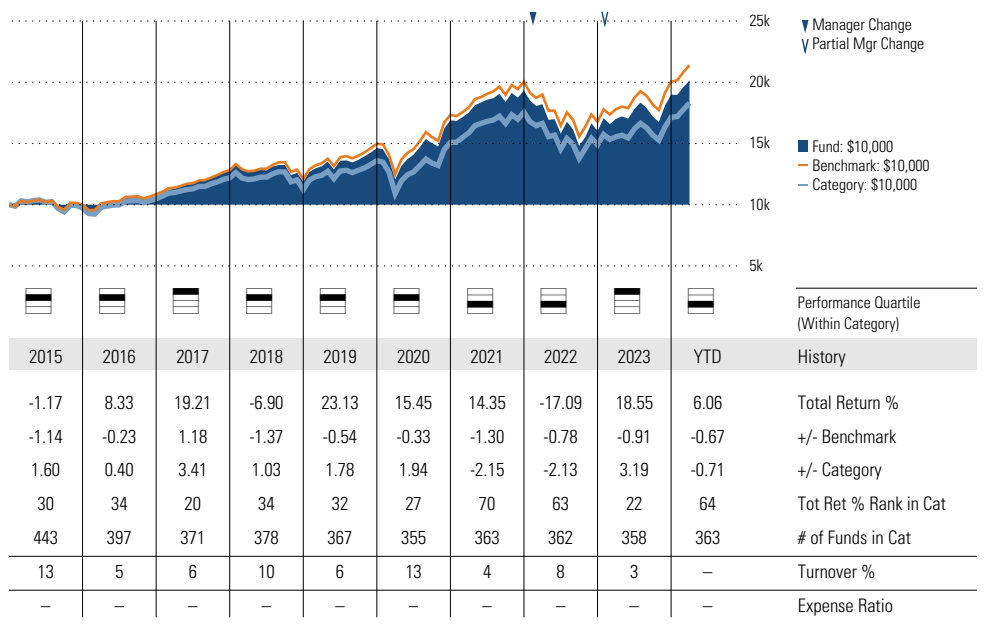
## Morningstar Investment Management LLC Analysis

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.

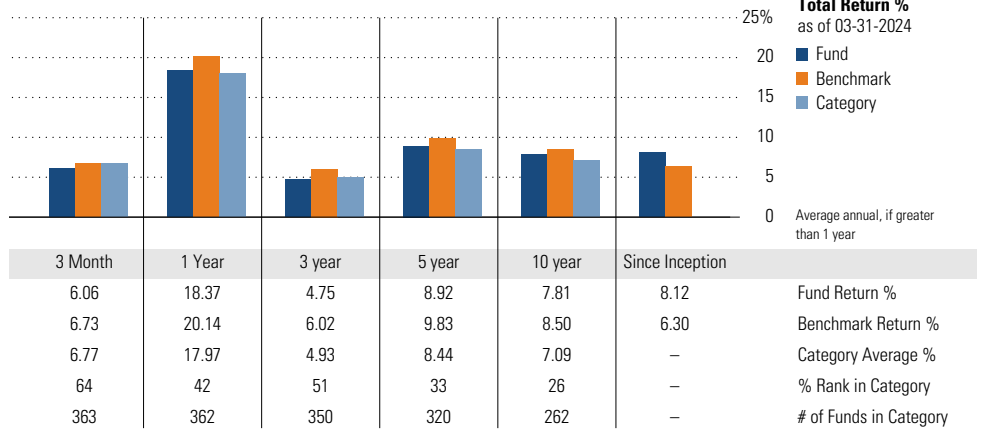
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

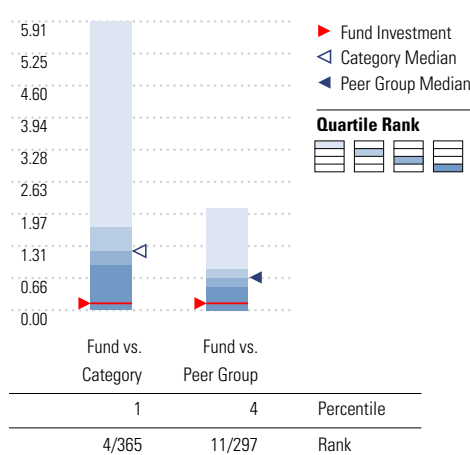
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.32	-	-0.98
Beta	1.02	-	0.98
R-Squared	99.30	-	94.56
Standard Deviation	14.51	14.11	14.25
Sharpe Ratio	0.19	0.28	0.20
Tracking Error	1.26	-	2.98
Information Ratio	-1.00	-	-0.61
Up Capture Ratio	99.32	-	96.50
Down Capture Ratio	105.79	-	101.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.80	21.28	21.25
Price/Book Ratio	2.64	3.05	3.04
Avg Eff Duration	6.45	5.80	5.08

# Vanguard LifeStrategy Growth Inv VASGX

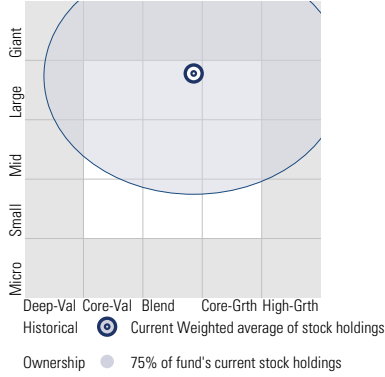
**Morningstar Category**  
Moderately Aggressive

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

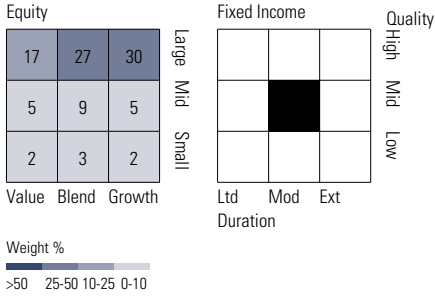
Allocation

## Style Analysis as of 03-31-2024

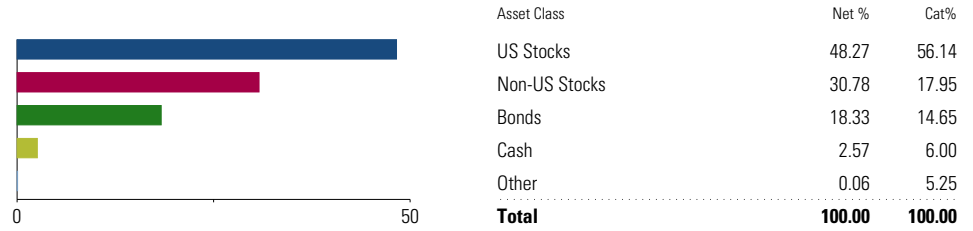
Morningstar Style Box™



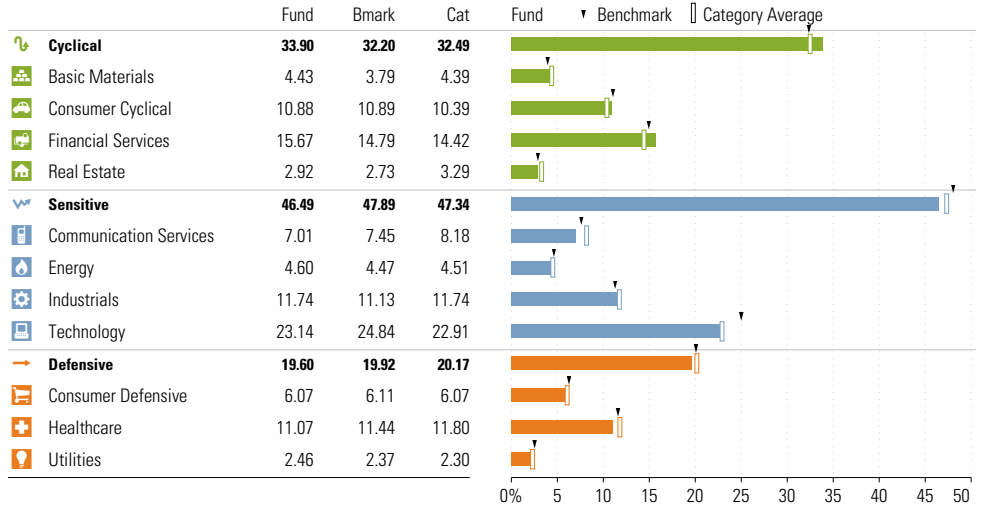
## Style Breakdown



## Asset Allocation as of 03-31-2024



## Sector Weighting as of 03-31-2024



## Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	48.43	48.43	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	31.73	80.16	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.17	93.33	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	5.75	99.08	—	—
⊕ Mktliq 12/31/2049	—	0.93	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 88.78% lower than the Conservative Allocation category average.

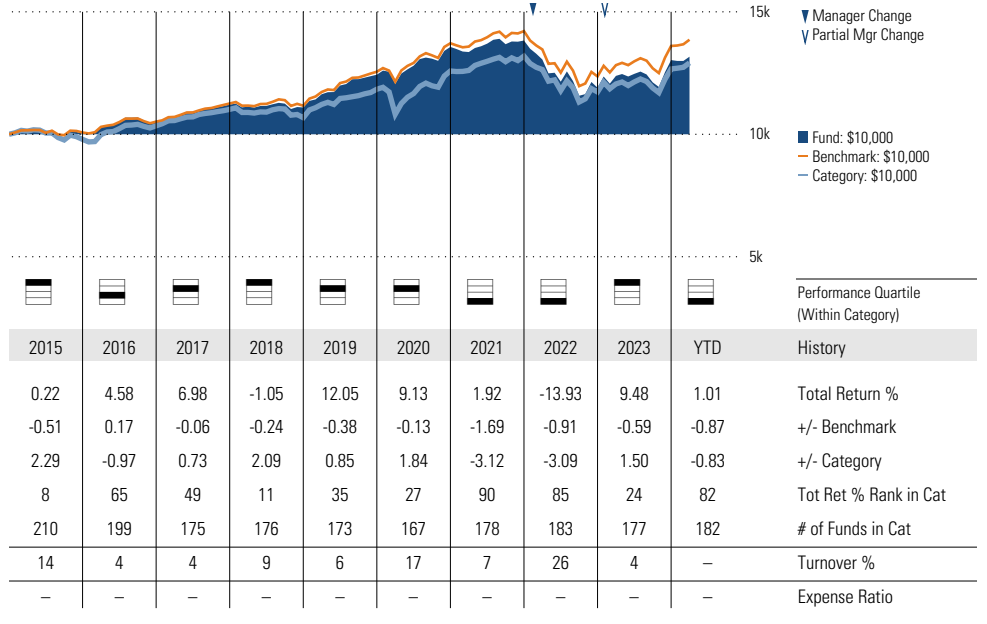
## Morningstar Investment Management LLC Analysis

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.

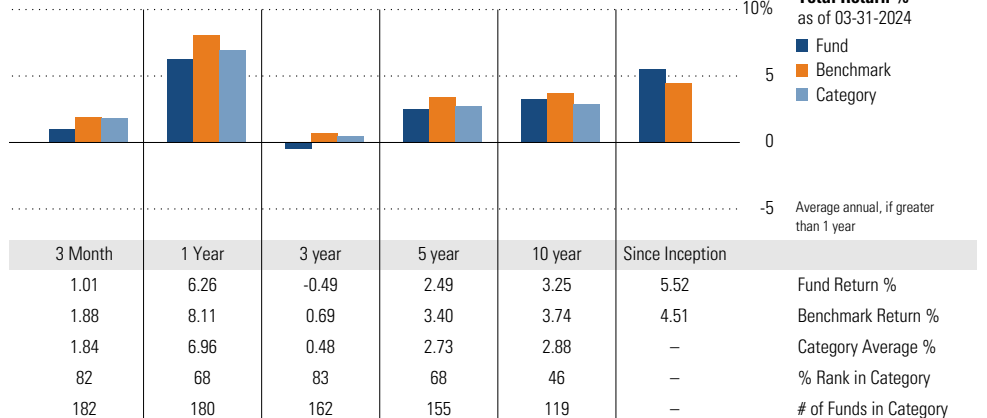
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
ESG Commitment	1-Low	07-19-2023

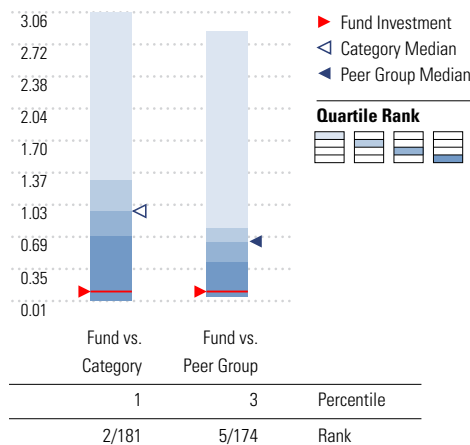
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.16	-	-0.30
Beta	1.02	-	0.96
R-Squared	98.99	-	93.78
Standard Deviation	8.20	8.02	7.98
Sharpe Ratio	-0.38	-0.24	-0.29
Tracking Error	0.84	-	2.13
Information Ratio	-1.39	-	-0.28
Up Capture Ratio	94.25	-	96.13
Down Capture Ratio	104.79	-	99.16

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.66	21.34	22.08
Price/Book Ratio	2.60	3.06	3.24
Avg Eff Duration	6.45	5.80	5.48

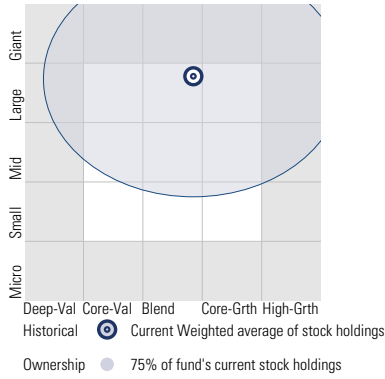
# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Conservative Allocation

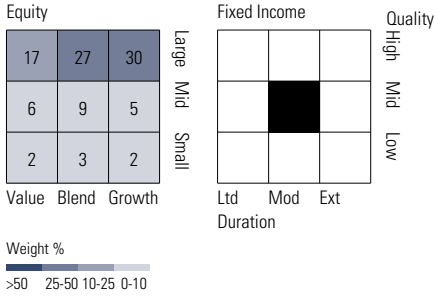
**Morningstar Index**  
Morningstar US Con Tgt Alloc NR USD

## Style Analysis as of 03-31-2024

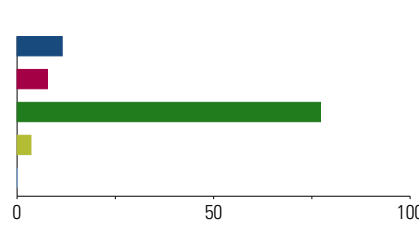
Morningstar Style Box™



## Style Breakdown

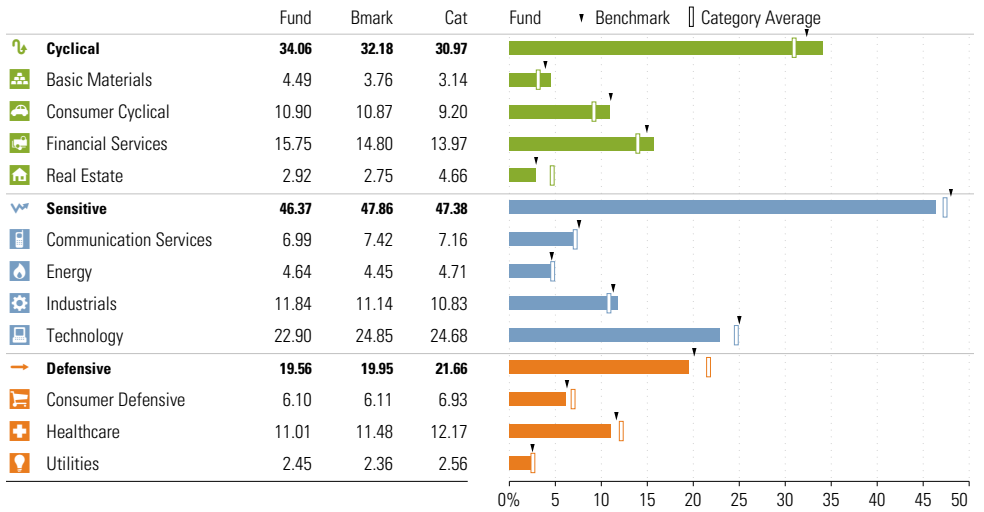


## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	11.47	13.34
Non-US Stocks	7.74	3.08
Bonds	77.20	67.15
Cash	3.53	11.90
Other	0.07	4.53
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	55.72	55.72	-	-
⊖ Vanguard Total Intl Bd II Idx Investor	-	23.97	79.69	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	11.50	91.19	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	8.00	99.18	-	-
⊕ Mktliq 12/31/2049	-	0.78	99.96	-	-
⊕ Us Dollar	-	0.04	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

**Morningstar Category**  
Moderate Allocation

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

## Portfolio Manager(s)

Walter Nejman since 02-2022  
Aur lie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87% lower than the Moderate Allocation category average.

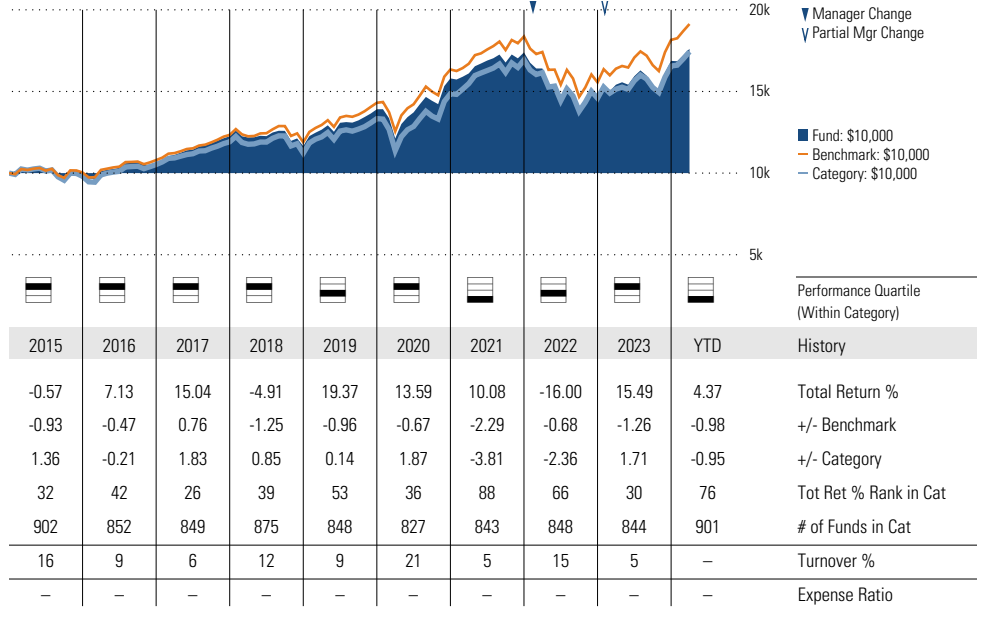
## Morningstar Investment Management LLC Analysis

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.

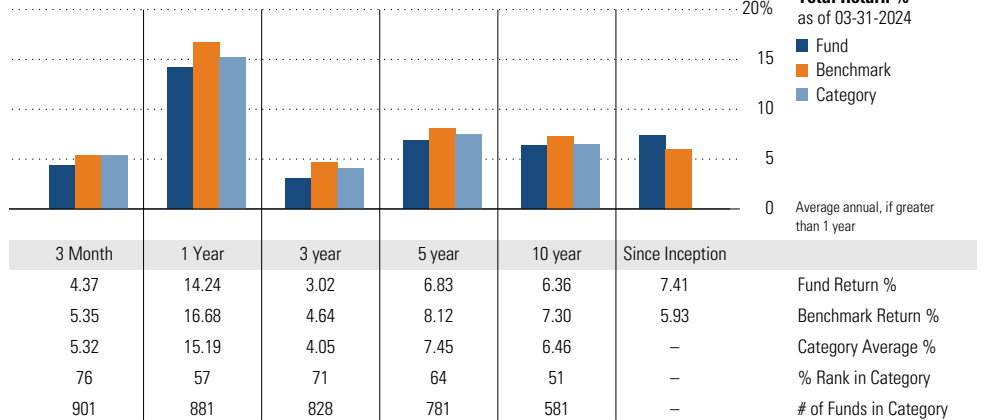
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

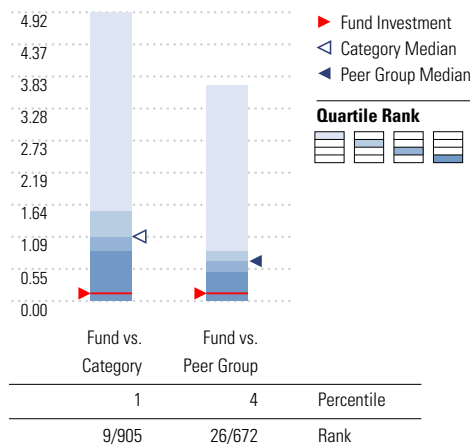
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.56	-	-0.54
Beta	1.00	-	0.98
R-Squared	98.89	-	94.62
Standard Deviation	12.29	12.18	12.27
Sharpe Ratio	0.06	0.19	0.13
Tracking Error	1.29	-	2.71
Information Ratio	-1.25	-	-0.34
Up Capture Ratio	95.54	-	97.53
Down Capture Ratio	104.34	-	101.19

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.73	22.00	22.66
Price/Book Ratio	2.62	3.26	3.50
Avg Eff Duration	6.45	5.80	5.11

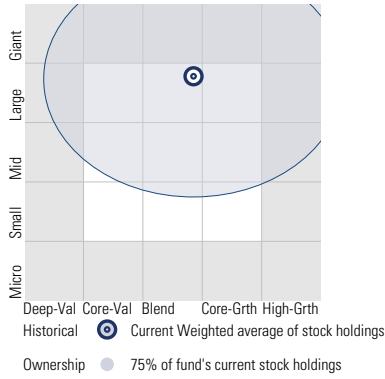
# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

**Morningstar Category**  
Moderate Allocation

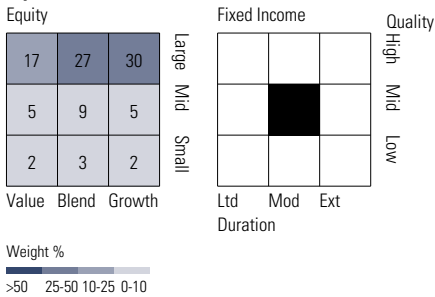
**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 03-31-2024

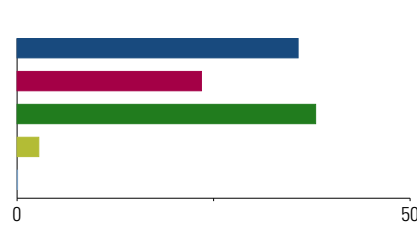
Morningstar Style Box™



## Style Breakdown

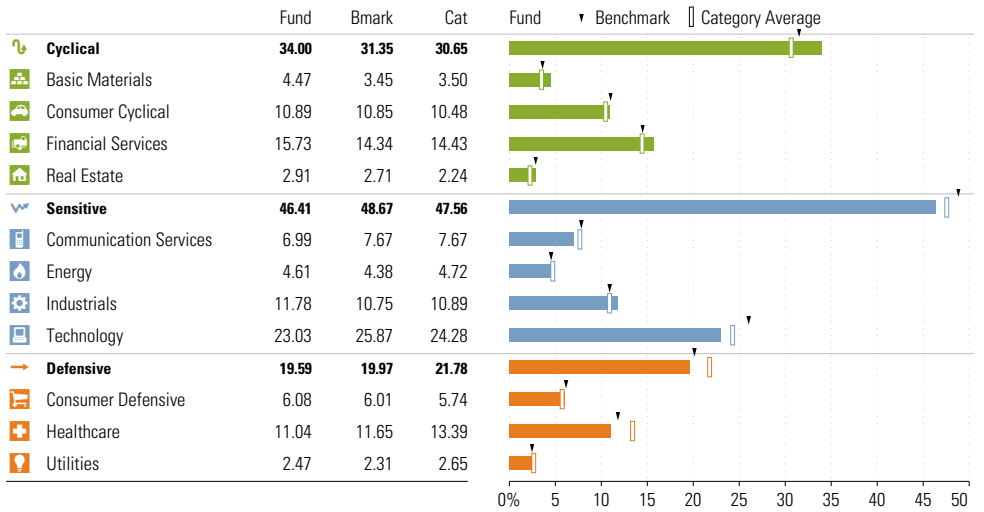


## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	35.75	46.53
Non-US Stocks	23.45	9.69
Bonds	37.98	35.10
Cash	2.76	5.55
Other	0.06	3.13
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	35.86	35.86	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	27.45	63.31	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	24.18	87.50	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	11.75	99.25	-	-
⊕ Mktliq 12/31/2049	-	0.74	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

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 Growth category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.46% lower than the Mid-Cap Growth category average.

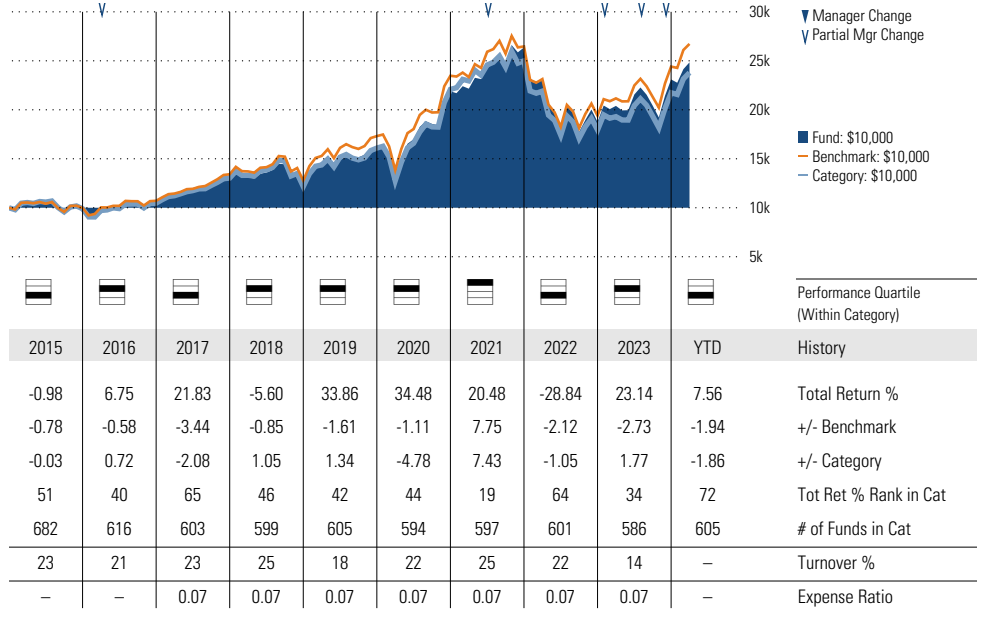
## Morningstar Investment Management LLC Analysis

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

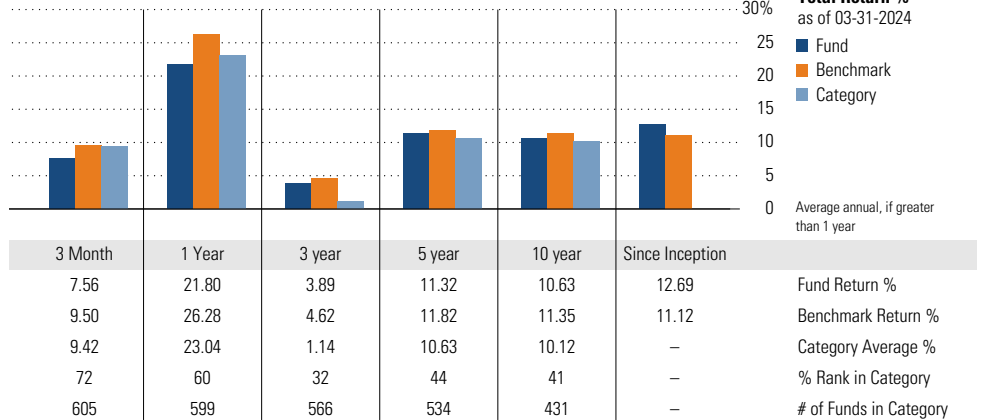
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

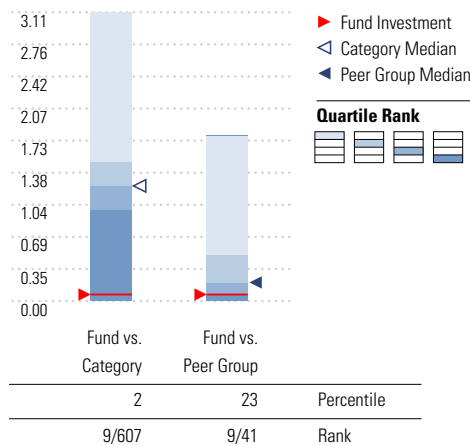
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.64	-	-3.45
Beta	1.00	-	0.97
R-Squared	98.43	-	91.07
Standard Deviation	21.83	21.74	22.26
Sharpe Ratio	0.15	0.18	0.03
Tracking Error	2.73	-	6.61
Information Ratio	-0.26	-	-0.68
Up Capture Ratio	101.06	-	92.06
Down Capture Ratio	103.56	-	104.36

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	29.00	26.72	31.29
Price/Book Ratio	5.47	8.38	5.82
Geom Avg Mkt Cap \$B	34.95	25.23	22.56
ROE	21.53	26.19	19.71

# Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

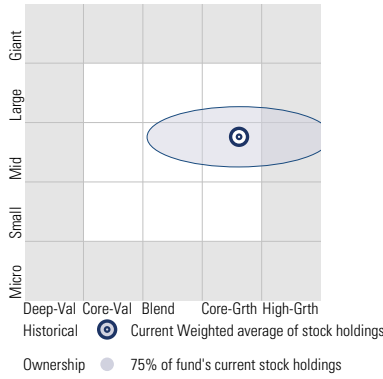
Mid-Cap Growth

Morningstar Index

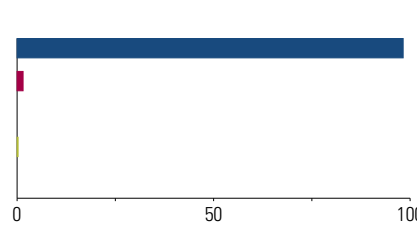
Russell Mid Cap Growth TR USD

## Style Analysis as of 03-31-2024

Morningstar Style Box™



## Asset Allocation as of 03-31-2024

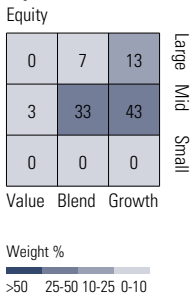


Asset Class	Net %	Cat%
US Stocks	98.23	92.16
Non-US Stocks	1.52	4.09
Bonds	0.00	0.08
Cash	0.25	3.26
Other	0.00	0.42
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>25.28</b>	<b>24.66</b>	<b>27.83</b>			
Basic Materials	2.54	0.88	2.14			
Consumer Cyclical	9.48	13.02	12.43			
Financial Services	6.74	9.11	10.45			
Real Estate	6.52	1.65	2.81			
<b>Sensitive</b>	<b>57.77</b>	<b>54.11</b>	<b>50.56</b>			
Communication Services	4.33	4.01	3.57			
Energy	5.74	3.51	2.79			
Industrials	19.27	18.39	17.58			
Technology	28.43	28.20	26.62			
<b>Defensive</b>	<b>16.95</b>	<b>21.24</b>	<b>21.59</b>			
Consumer Defensive	1.87	2.83	2.79			
Healthcare	13.40	17.98	18.22			
Utilities	1.68	0.43	0.58			

## Style Breakdown



## Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Amphenol Corp Class A	1.95	1.95	16.58	Technology
TransDigm Group Inc	1.84	3.79	21.75	Industrials
Constellation Energy Corp	1.68	5.47	-	Utilities
Cintas Corp	1.67	7.14	14.22	Industrials
Motorola Solutions Inc	1.66	8.80	13.69	Technology
DexCom Inc	1.51	10.31	11.77	Healthcare
Welltower Inc	1.50	11.81	4.30	Real Estate
Copart Inc	1.41	13.22	18.20	Industrials
Super Micro Computer Inc	1.40	14.63	255.32	Technology
Coinbase Global Inc Ordinary Shares - Class A	1.39	16.02	-	Financial Services
Microchip Technology Inc	1.37	17.39	-0.02	Technology
Realty Income Corp	1.31	18.70	-4.44	Real Estate
Palantir Technologies Inc Ordinary Shares - Class A	1.30	20.00	34.01	Technology
IQVIA Holdings Inc	1.30	21.30	9.30	Healthcare
W.W. Grainger Inc	1.27	22.57	22.98	Industrials

Total Holdings 158

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Selected Value Inv VASVX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

Richard Greenberg since 02-2005  
John Flynn since 12-2015  
Benjamin Silver since 02-2017  
Jonathan Hartsel since 11-2019  
William Weber since 12-2019  
Mehul Trivedi since 12-2019  
Evan Fox since 12-2023

## Quantitative Screens

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

**Management:** The fund's management has been in place for 19.11 years.

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

**Net Expense:** The fund's expense ratio of 0.43 is 55.67% lower than the Mid-Cap Value category average.

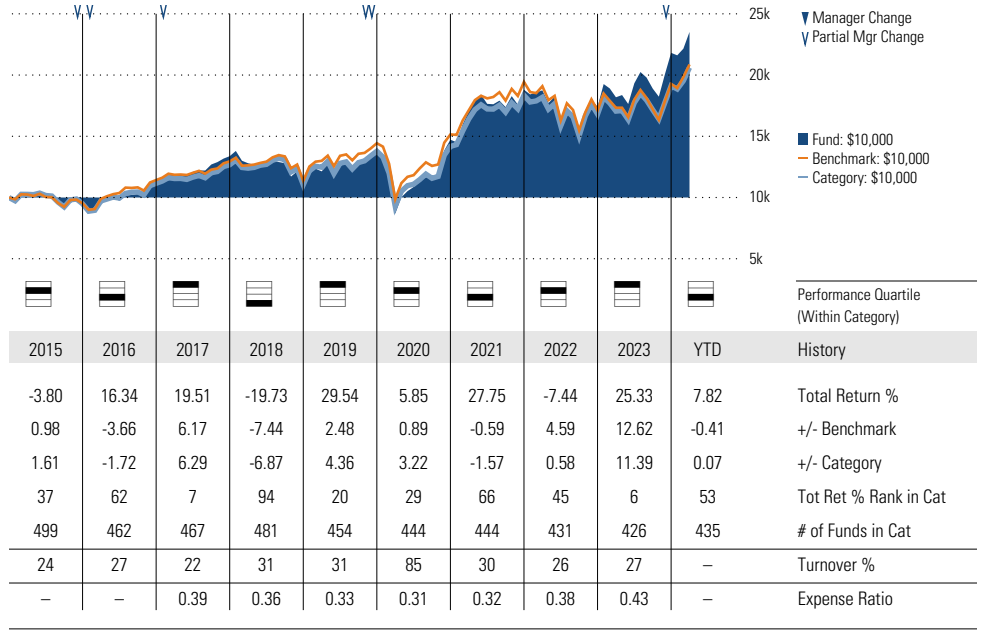
## Morningstar Investment Management LLC Analysis

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.

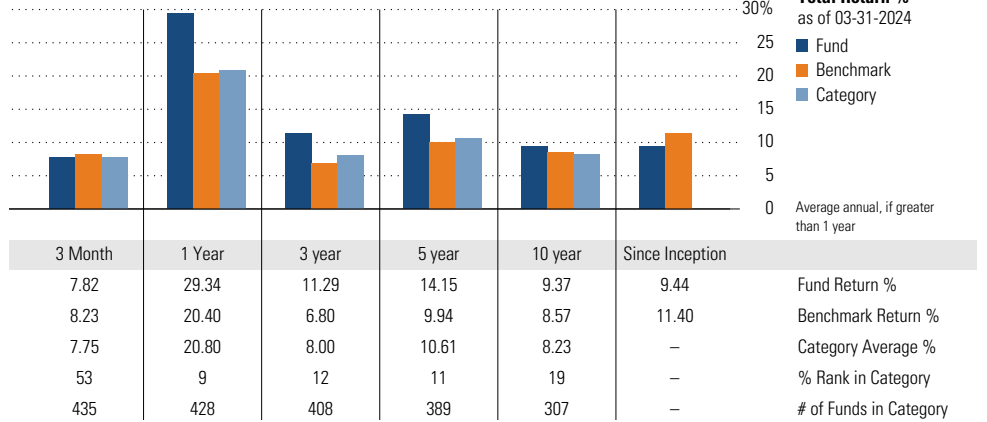
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

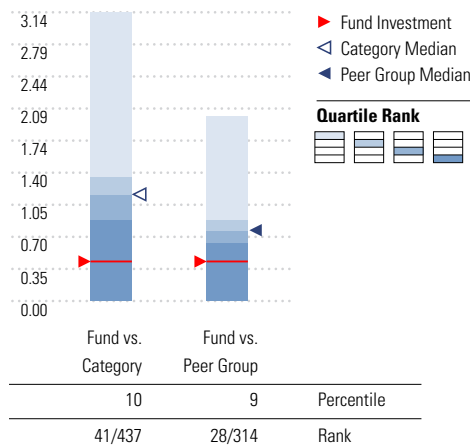
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	4.19	-	1.46
Beta	1.01	-	0.94
R-Squared	94.50	-	94.30
Standard Deviation	20.10	19.34	18.78
Sharpe Ratio	0.49	0.28	0.34
Tracking Error	4.72	-	4.69
Information Ratio	0.95	-	0.26
Up Capture Ratio	105.25	-	95.44
Down Capture Ratio	90.37	-	90.32

## Portfolio Metrics

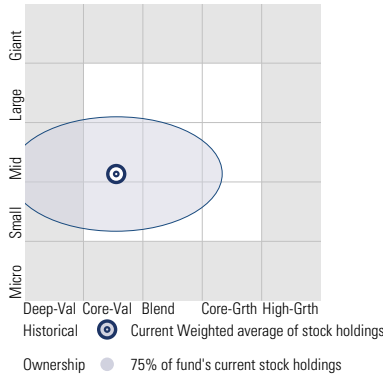
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.24	17.78	16.20
Price/Book Ratio	1.60	2.22	2.02
Geom Avg Mkt Cap \$B	10.65	19.24	15.26
ROE	13.40	14.18	13.61

# Vanguard Selected Value Inv VASVX

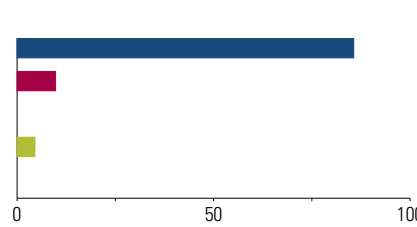
**Morningstar Category**  
Mid-Cap Value

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

**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2024

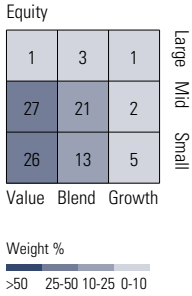


Asset Class	Net %	Cat%
US Stocks	85.65	90.79
Non-US Stocks	9.80	6.97
Bonds	0.00	0.02
Cash	4.54	1.99
Other	0.00	0.24
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>52.43</b>	<b>42.46</b>	<b>41.11</b>			
Basic Materials	7.55	6.08	5.43			
Consumer Cyclical	13.69	10.25	11.67			
Financial Services	26.93	16.02	17.98			
Real Estate	4.26	10.11	6.03			
<b>Sensitive</b>	<b>31.31</b>	<b>40.50</b>	<b>36.46</b>			
Communication Services	2.33	3.27	2.94			
Energy	3.20	5.34	5.92			
Industrials	15.13	19.67	17.29			
Technology	10.65	12.22	10.31			
<b>Defensive</b>	<b>16.25</b>	<b>17.04</b>	<b>22.43</b>			
Consumer Defensive	4.92	3.44	6.54			
Healthcare	9.29	6.71	9.31			
Utilities	2.04	6.89	6.58			

**Style Breakdown**



**Top 15 Holdings** as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Mktliq 12/31/2049	4.39	4.39	-	-
⊖ AerCap Holdings NV	3.42	7.81	-	Industrials
⊕ Baxter International Inc	1.76	9.57	-	Healthcare
⊕ Fidelity National Financial Inc	1.72	11.29	-	Financial Services
⊖ TE Connectivity Ltd	1.64	12.93	-	Technology
⊖ Gilman Activewear Inc	1.63	14.56	-	Consumer Cyclical
Unum Group	1.45	16.01	-	Financial Services
⊖ Globe Life Inc	1.43	17.44	-	Financial Services
⊖ United States Steel Corp	1.35	18.80	-	Basic Materials
⊕ Arrow Electronics Inc	1.27	20.06	-	Technology
⊕ CBRE Group Inc Class A	1.14	21.20	-	Real Estate
Taylor Morrison Home Corp	1.11	22.31	-	Consumer Cyclical
⊖ M/I Homes Inc	1.10	23.41	-	Consumer Cyclical
⊕ Open Text Corp	1.09	24.50	-	Technology
Olin Corp	1.09	25.59	-	Basic Materials

**Total Holdings 134**

⊕ 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  
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 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.11 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2020 category average.

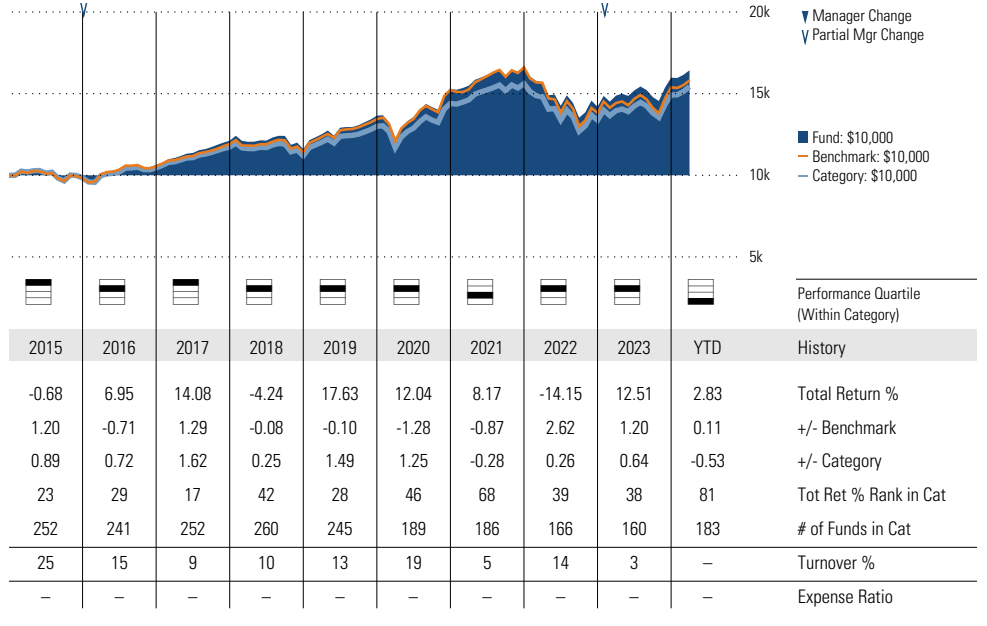
## Morningstar Investment Management LLC Analysis

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.

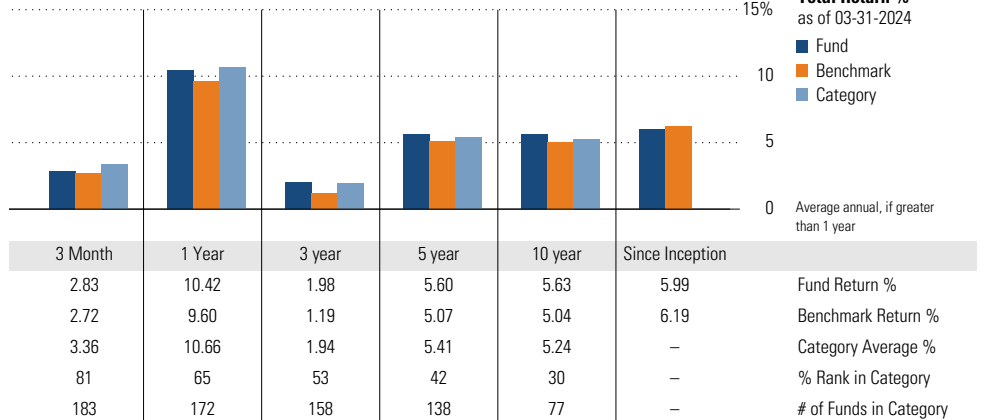
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
ESG Commitment	1-Low	02-15-2022

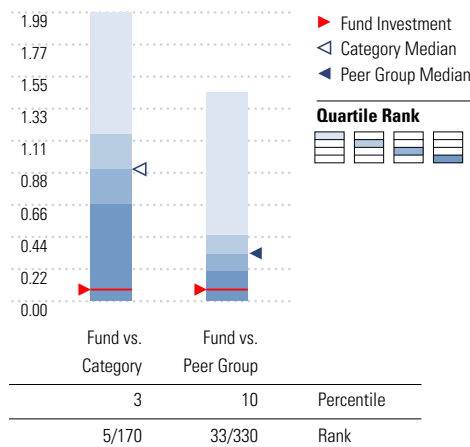
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.87	-	0.82
Beta	0.86	-	0.88
R-Squared	98.85	-	98.29
Standard Deviation	10.08	11.68	10.33
Sharpe Ratio	-0.05	-0.09	-0.05
Tracking Error	1.98	-	2.07
Information Ratio	0.40	-	0.39
Up Capture Ratio	89.17	-	90.84
Down Capture Ratio	83.76	-	85.78

## Portfolio Metrics

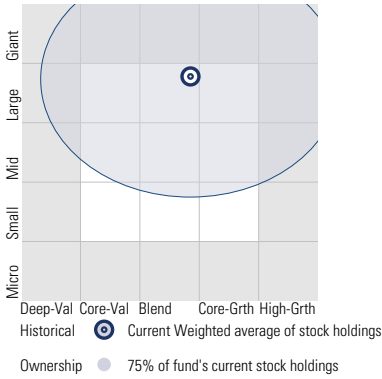
	Fund	Bmark	Cat
Price/Earnings Ratio	19.71	19.71	20.66
Price/Book Ratio	2.62	2.62	2.85
Avg Eff Duration	5.64	-	5.09

# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category**  
Target-Date 2020

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

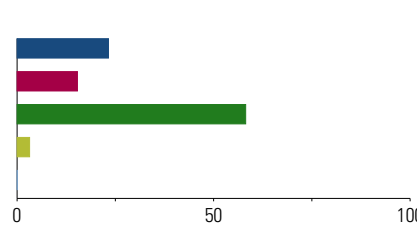
**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



**Style Breakdown**

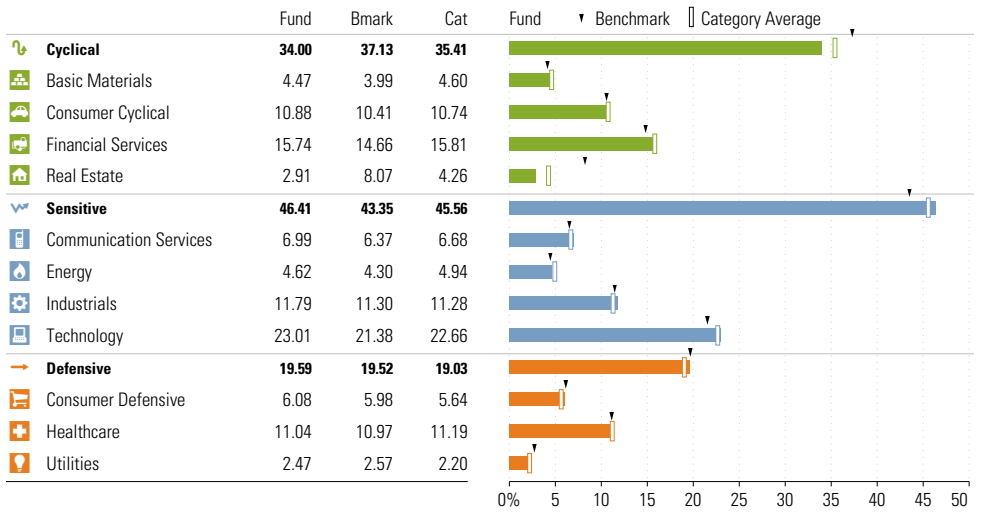


**Asset Allocation** as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	23.25	28.33
Non-US Stocks	15.35	16.09
Bonds	58.16	44.91
Cash	3.18	2.34
Other	0.05	8.34
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024



**Top 7 Holdings** as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	-	33.26	33.26	-	-
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	23.32	56.58	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	15.84	72.41	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	14.74	87.15	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	12.07	99.22	-	-
⊕ Mktliq 12/31/2049	-	0.78	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2025 Fund VTTVX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.11 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.

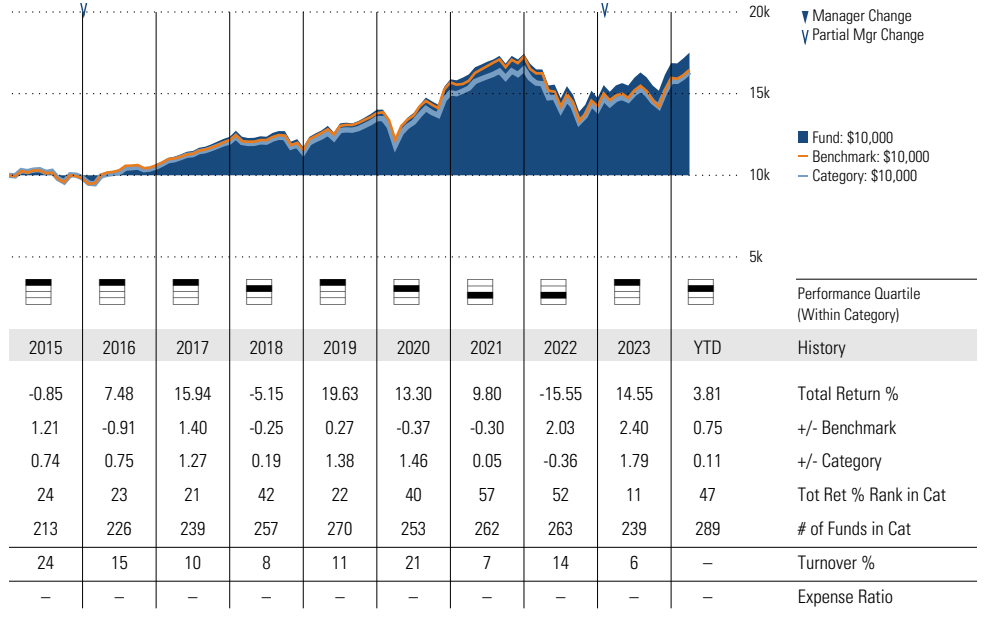
## Morningstar Investment Management LLC Analysis

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.

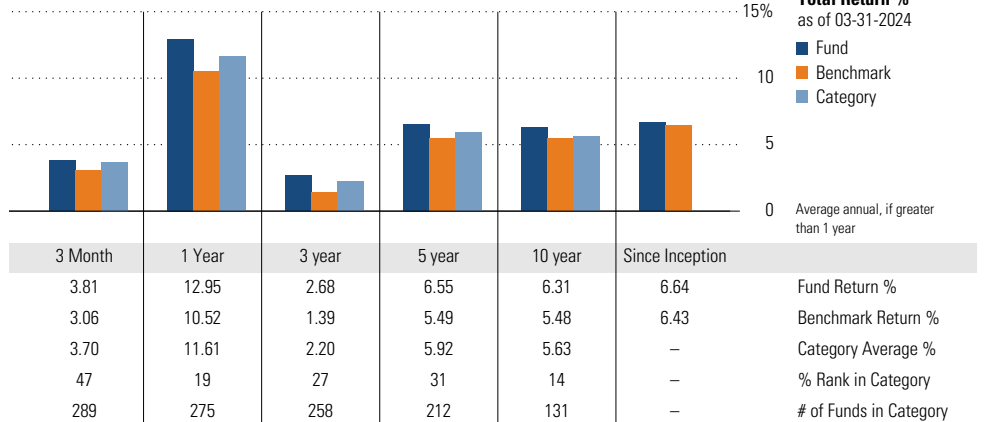
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

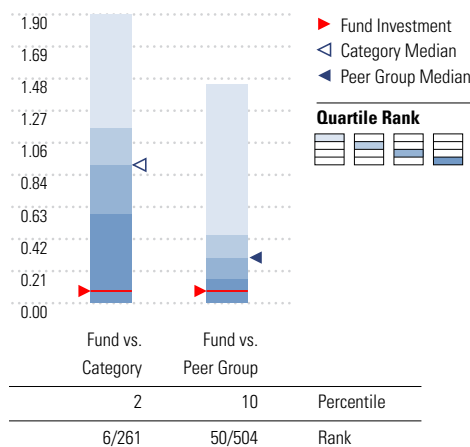
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.32	-	0.93
Beta	0.92	-	0.86
R-Squared	98.86	-	98.11
Standard Deviation	11.65	12.58	10.97
Sharpe Ratio	0.03	-0.06	-0.01
Tracking Error	1.59	-	2.31
Information Ratio	0.81	-	0.40
Up Capture Ratio	96.64	-	89.22
Down Capture Ratio	89.18	-	83.93

## Portfolio Metrics

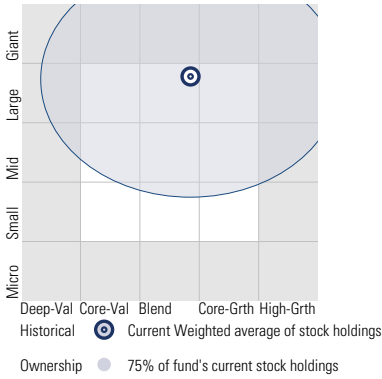
	Fund	Bmark	Cat
Price/Earnings Ratio	19.74	19.52	20.68
Price/Book Ratio	2.62	2.58	2.83
Avg Eff Duration	5.94	-	5.59

# Vanguard Target Retirement 2025 Fund VTTVX

**Morningstar Category**  
Target-Date 2025

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

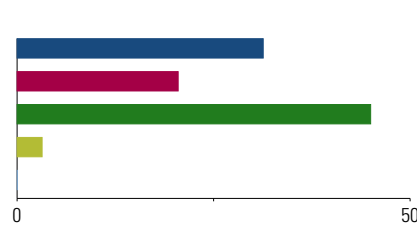
**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



**Style Breakdown**

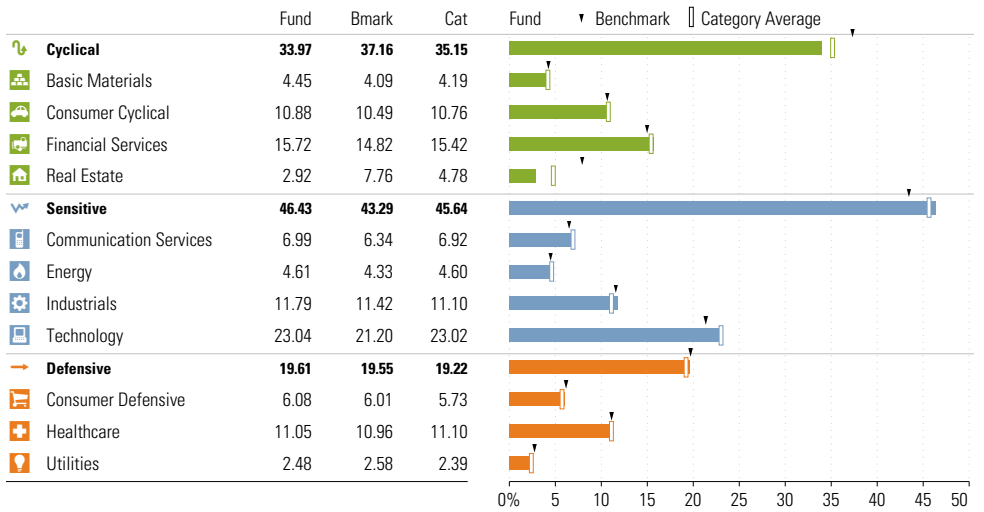


**Asset Allocation** as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	31.31	29.12
Non-US Stocks	20.49	15.31
Bonds	44.98	41.22
Cash	3.18	2.13
Other	0.05	12.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024



**Top 7 Holdings** as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	31.40	31.40	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	28.35	59.75	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	21.13	80.88	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	12.30	93.17	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	5.80	98.97	-	-
⊕ Mktliq 12/31/2049	-	1.00	99.97	-	-
⊕ Us Dollar	-	0.03	100.00	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category**  
Target-Date 2030

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.11 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 2030 category average.

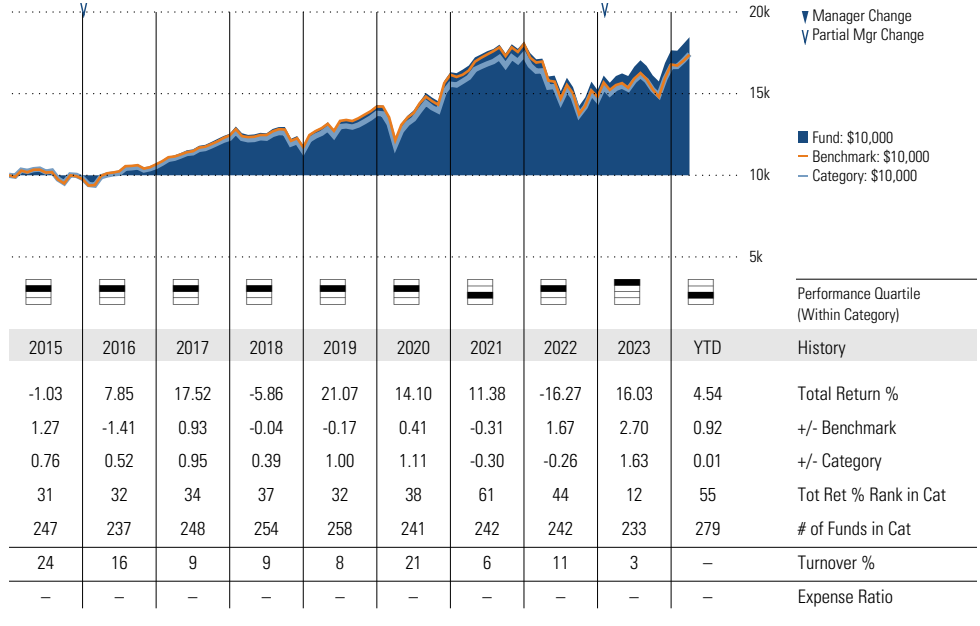
## Morningstar Investment Management LLC Analysis

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.

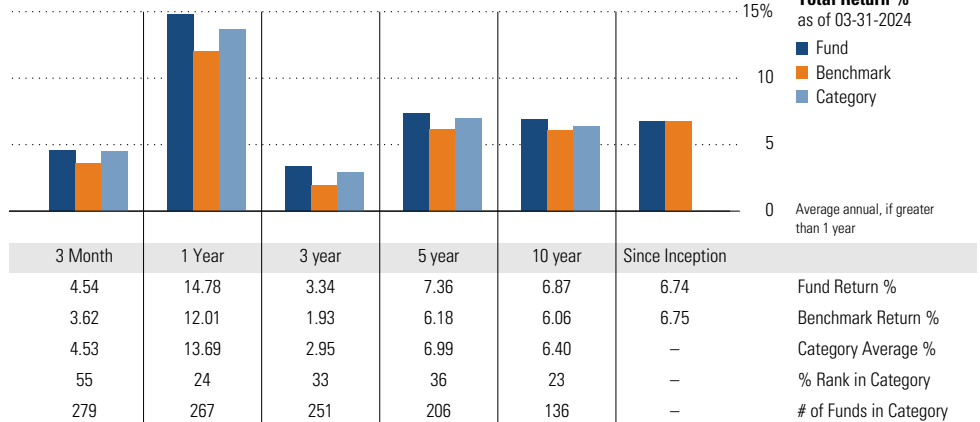
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

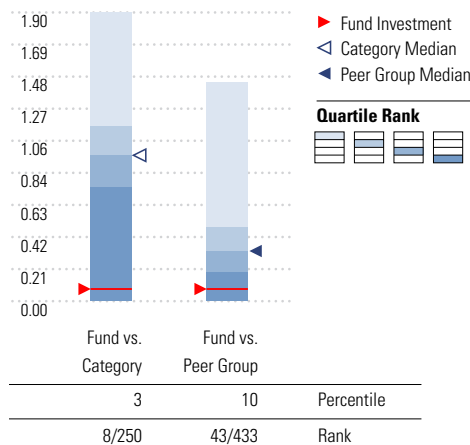
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.46	-	1.16
Beta	0.94	-	0.90
R-Squared	98.93	-	98.33
Standard Deviation	12.73	13.51	12.26
Sharpe Ratio	0.09	-0.01	0.06
Tracking Error	1.57	-	2.11
Information Ratio	0.91	-	0.55
Up Capture Ratio	98.29	-	93.58
Down Capture Ratio	90.71	-	87.51

## Portfolio Metrics

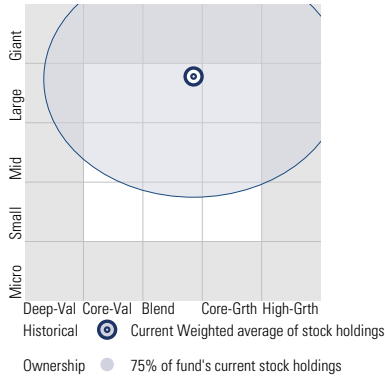
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	19.33	20.70
Price/Book Ratio	2.63	2.55	2.90
Avg Eff Duration	6.45	-	6.08

# Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category**  
Target-Date 2030

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

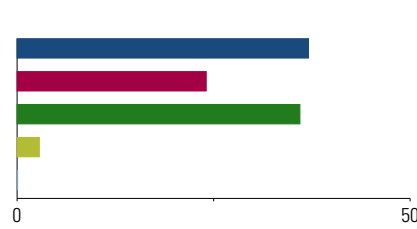
**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



**Style Breakdown**

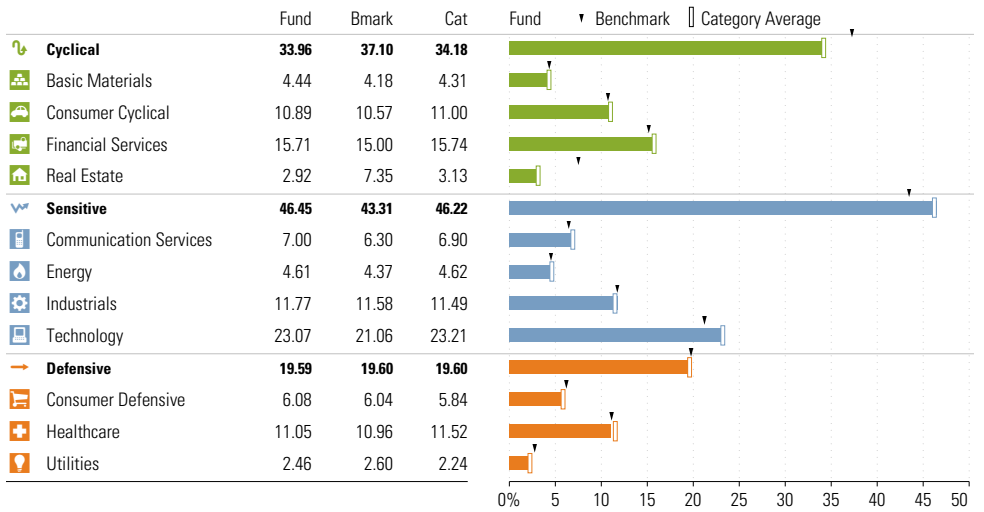


**Asset Allocation** as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	37.07	34.91
Non-US Stocks	24.06	19.21
Bonds	35.98	31.38
Cash	2.83	1.27
Other	0.06	13.25
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024



**Top 6 Holdings** as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	37.18	37.18	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	25.94	63.12	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	24.81	87.93	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	11.20	99.13	-	-
⊕ Mktliq 12/31/2049	-	0.88	100.02	-	-
⊕ Us Dollar	-	0.02	100.03	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2035 Fund VTTX

**Morningstar Category**  
Target-Date 2035

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.11 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 2035 category average.

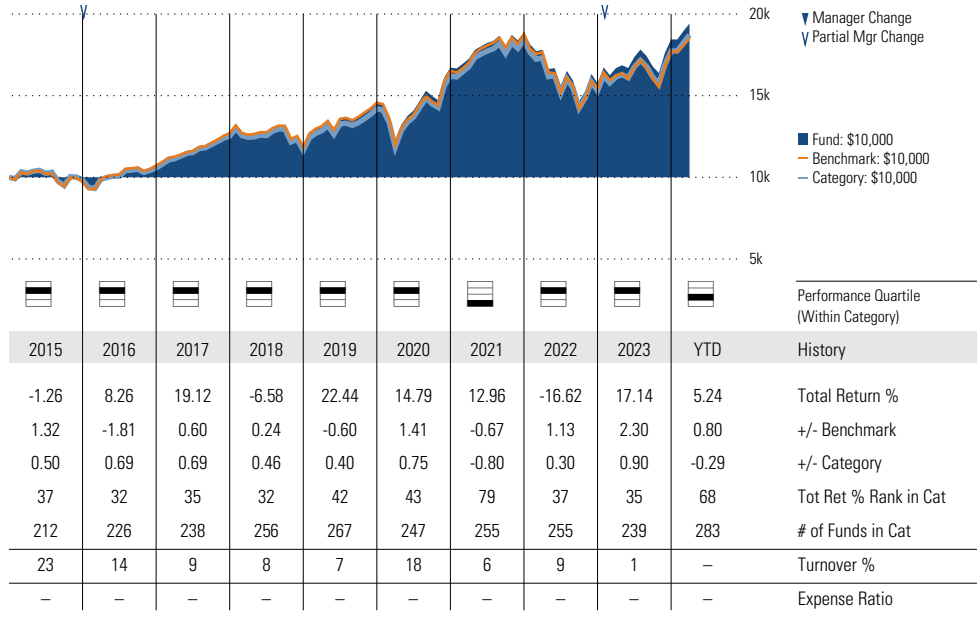
## Morningstar Investment Management LLC Analysis

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.

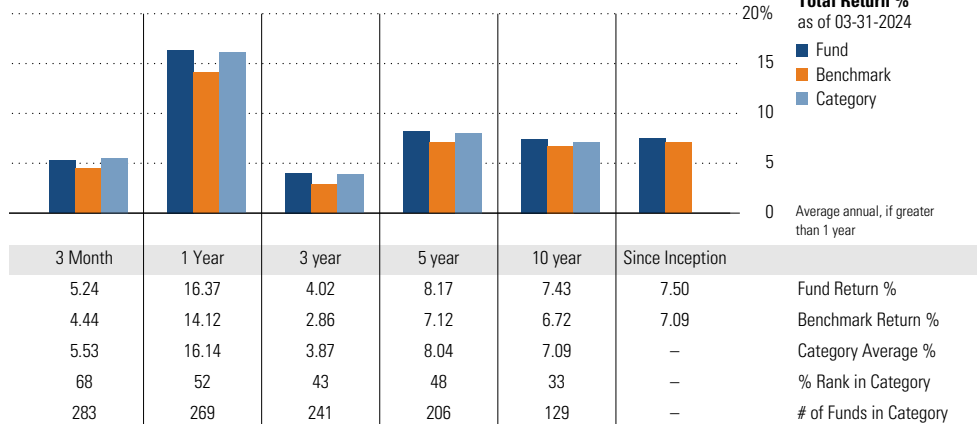
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

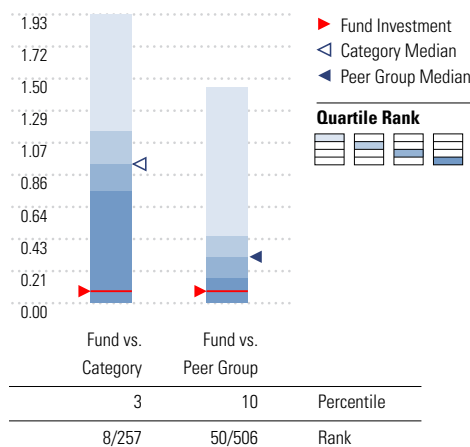
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.26	-	1.21
Beta	0.93	-	0.93
R-Squared	98.98	-	98.39
Standard Deviation	13.56	14.44	13.59
Sharpe Ratio	0.14	0.06	0.14
Tracking Error	1.67	-	2.03
Information Ratio	0.70	-	0.58
Up Capture Ratio	96.98	-	96.90
Down Capture Ratio	90.93	-	91.12

## Portfolio Metrics

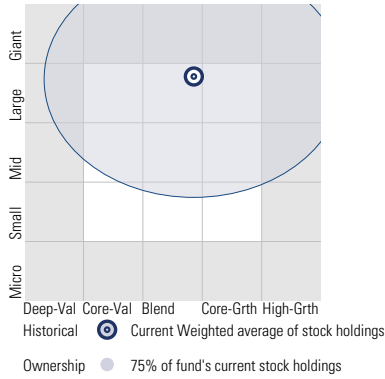
	Fund	Bmark	Cat
Price/Earnings Ratio	19.85	19.14	20.61
Price/Book Ratio	2.65	2.51	2.85
Avg Eff Duration	6.45	-	6.37

# Vanguard Target Retirement 2035 Fund VTTX

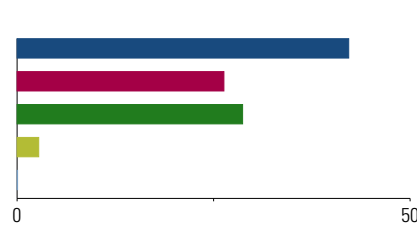
**Morningstar Category**  
Target-Date 2035

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

**Style Analysis** as of 03-31-2024  
Morningstar Style Box™

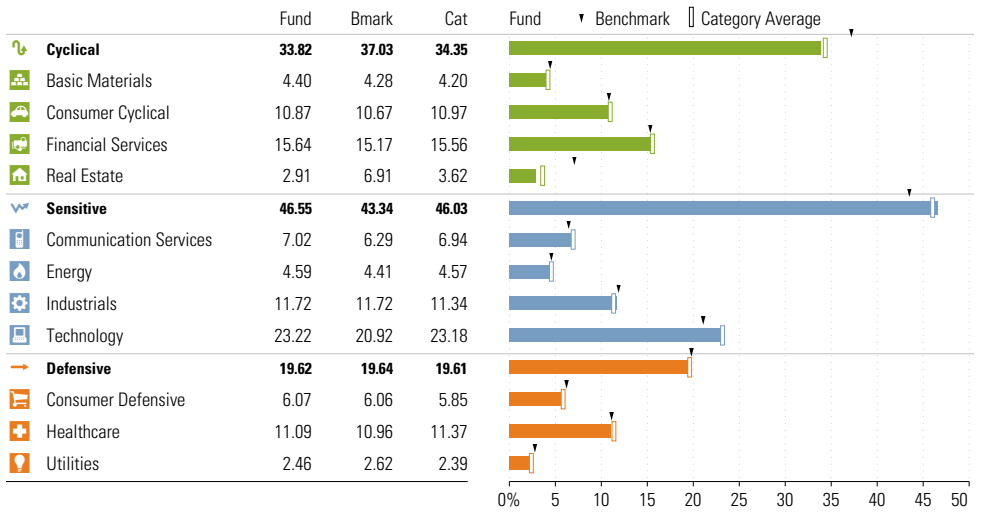


**Asset Allocation** as of 03-31-2024

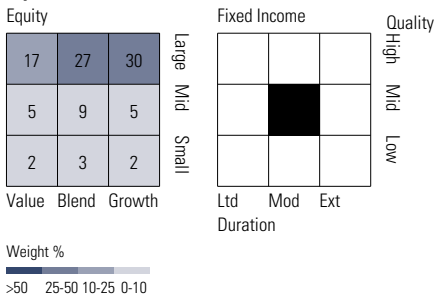


Asset Class	Net %	Cat%
US Stocks	42.19	41.05
Non-US Stocks	26.31	21.93
Bonds	28.69	22.49
Cash	2.75	2.19
Other	0.06	12.34
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	42.33	42.33	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	27.12	69.45	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	20.67	90.12	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	8.95	99.07	-	-
⊕ Mktliq 12/31/2049	-	0.92	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 11.11 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.

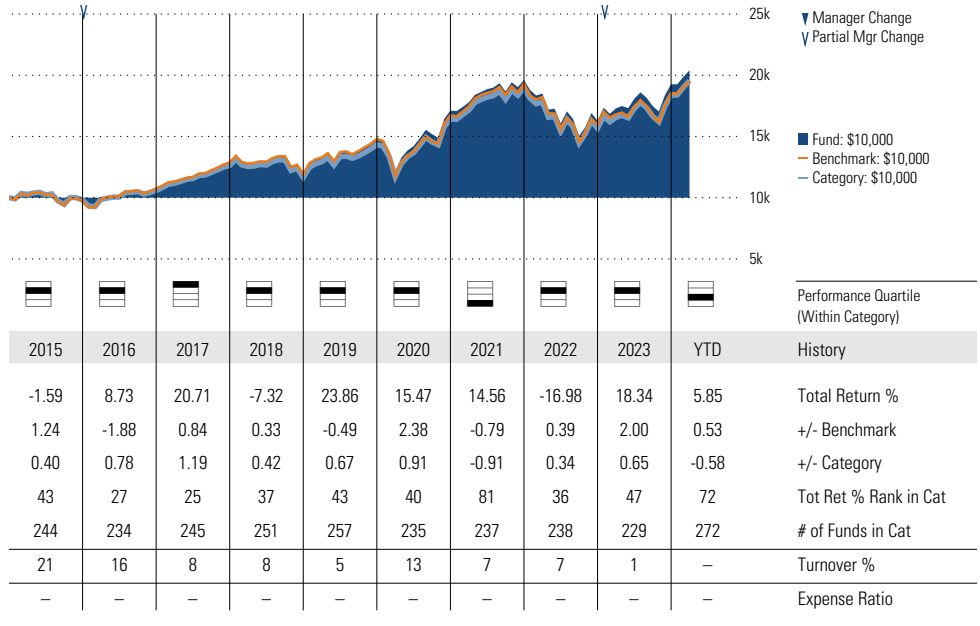
## Morningstar Investment Management LLC Analysis

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.

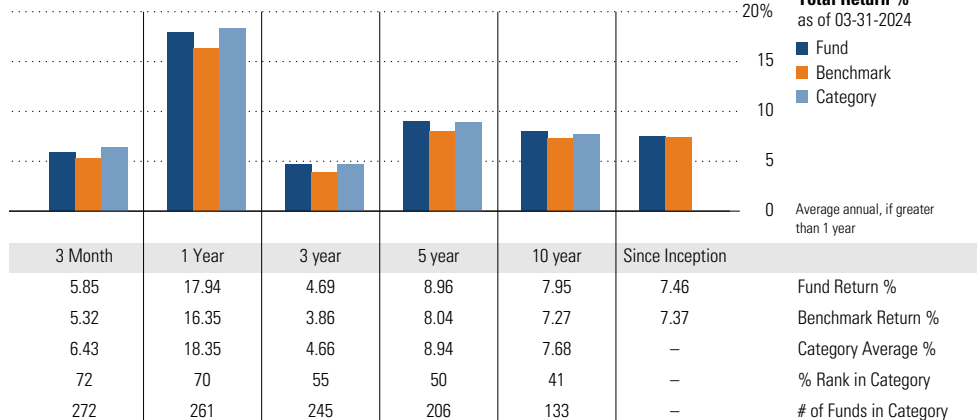
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

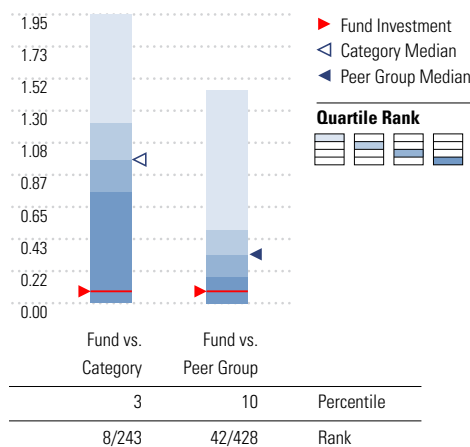
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.98	-	1.00
Beta	0.94	-	0.95
R-Squared	98.92	-	98.37
Standard Deviation	14.38	15.28	14.69
Sharpe Ratio	0.19	0.13	0.19
Tracking Error	1.78	-	2.10
Information Ratio	0.46	-	0.46
Up Capture Ratio	96.37	-	98.20
Down Capture Ratio	91.95	-	93.78

## Portfolio Metrics

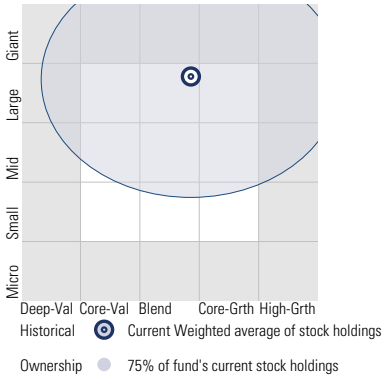
	Fund	Bmark	Cat
Price/Earnings Ratio	19.87	18.96	20.56
Price/Book Ratio	2.65	2.48	2.87
Avg Eff Duration	6.45	-	6.68

# Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category**  
Target-Date 2040

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

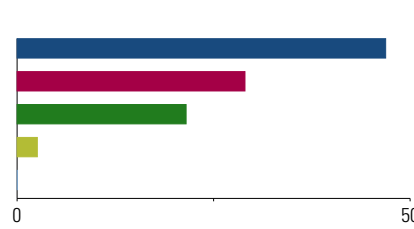
**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



**Style Breakdown**

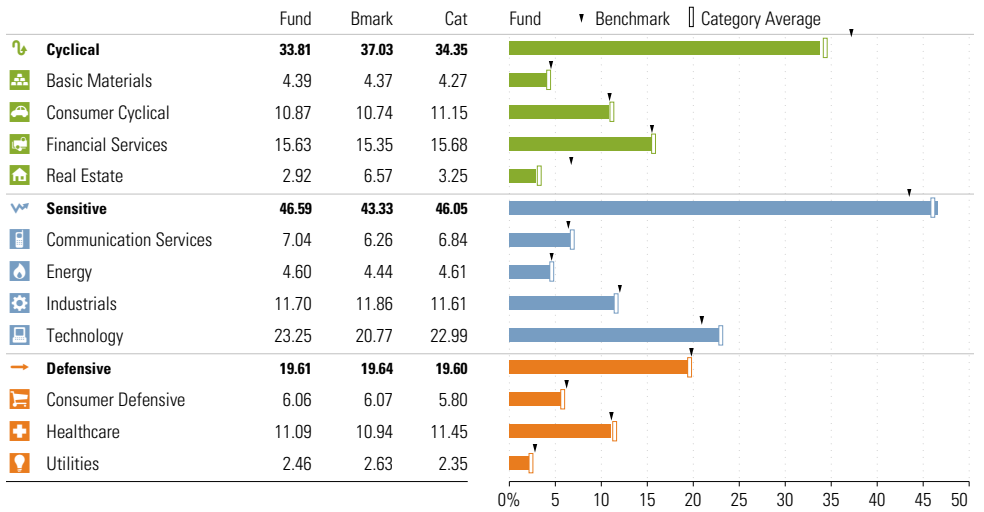


**Asset Allocation** as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	46.89	47.46
Non-US Stocks	28.99	25.89
Bonds	21.50	13.04
Cash	2.57	1.70
Other	0.05	11.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024



**Top 6 Holdings** as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	47.05	47.05	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	29.89	76.94	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	15.49	92.43	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	6.70	99.13	-	-
⊕ Mktliq 12/31/2049	-	0.87	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category**  
Target-Date 2045

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

**Management:** The fund's management has been in place for 11.11 years.

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

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

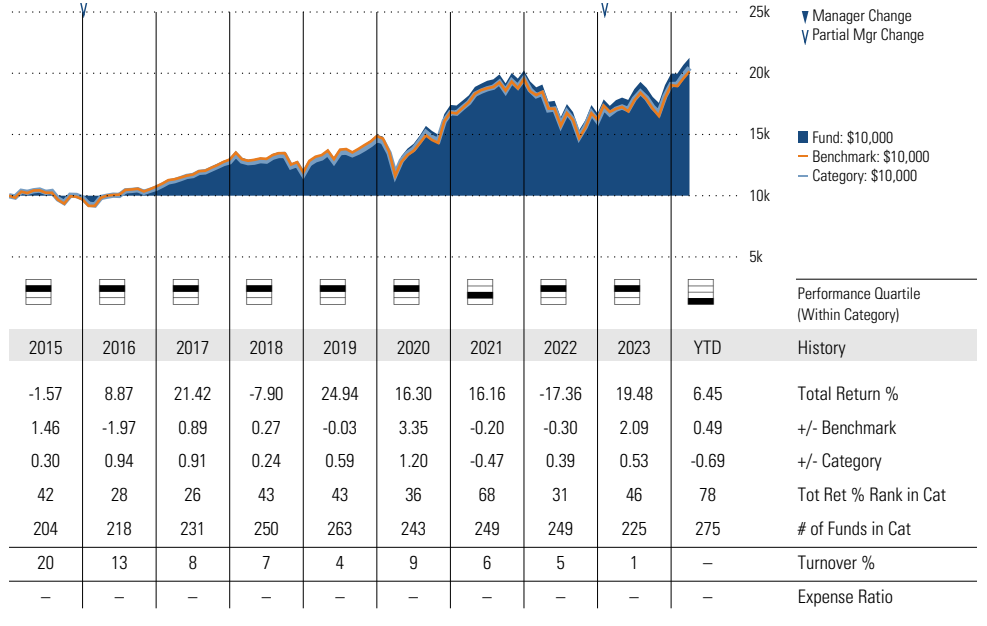
## Morningstar Investment Management LLC Analysis

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

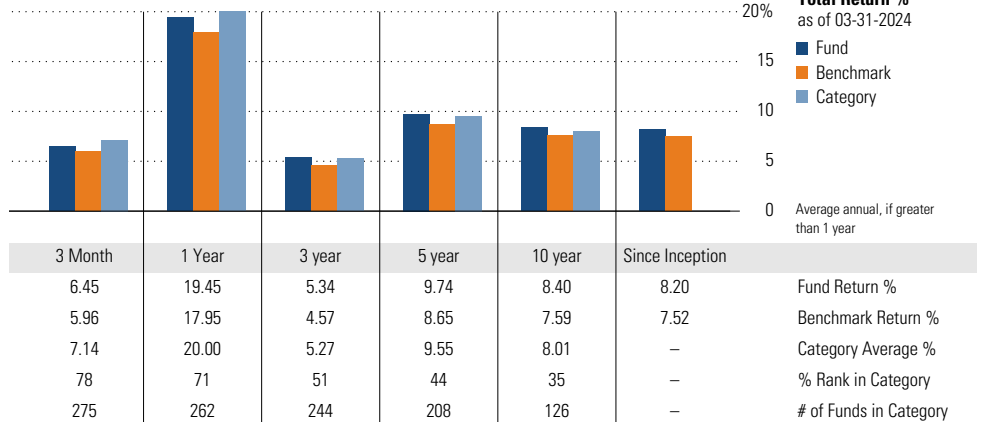
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

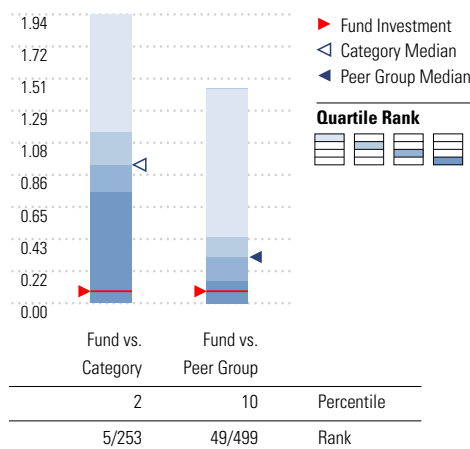
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.90	-	0.79
Beta	0.96	-	0.97
R-Squared	98.83	-	98.36
Standard Deviation	15.25	15.87	15.49
Sharpe Ratio	0.23	0.18	0.22
Tracking Error	1.79	-	2.11
Information Ratio	0.43	-	0.33
Up Capture Ratio	98.16	-	99.17
Down Capture Ratio	94.37	-	95.90

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.91	18.80	20.53
Price/Book Ratio	2.66	2.45	2.82
Avg Eff Duration	6.46	-	7.40

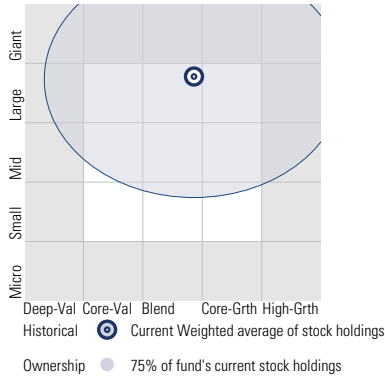
# Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category**  
Target-Date 2045

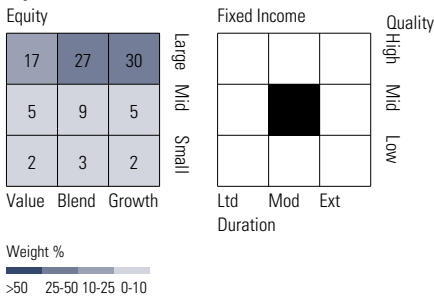
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 03-31-2024

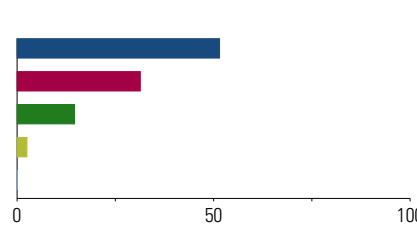
Morningstar Style Box™



## Style Breakdown

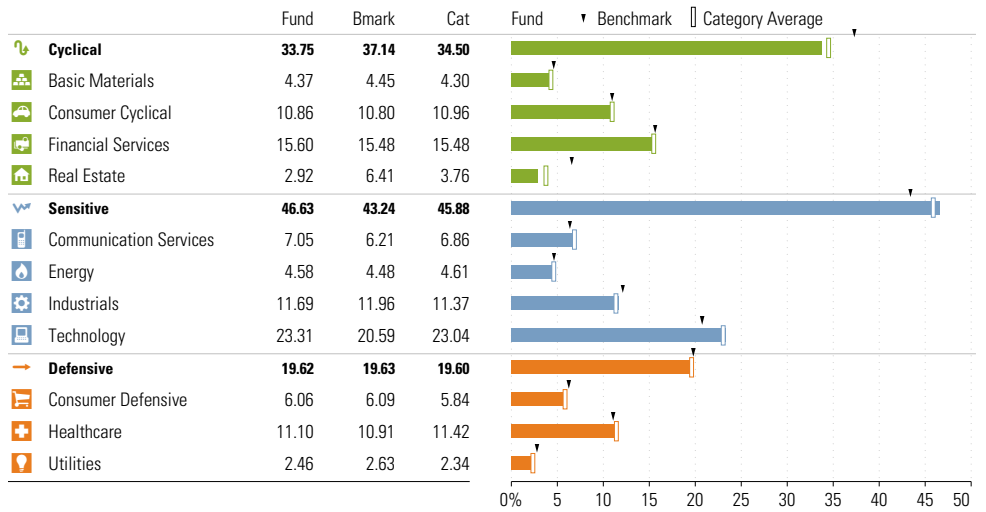


## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	51.51	51.25
Non-US Stocks	31.34	26.85
Bonds	14.60	8.77
Cash	2.49	1.61
Other	0.06	11.53
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	51.69	51.69	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	32.31	84.00	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	10.41	94.41	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	4.66	99.07	-	-
⊕ Mktliq 12/31/2049	-	0.93	100.00	-	-
⊕ Us Dollar	-	0.00	100.01	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Fund VFI5X

**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 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 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.11 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 2050 category average.

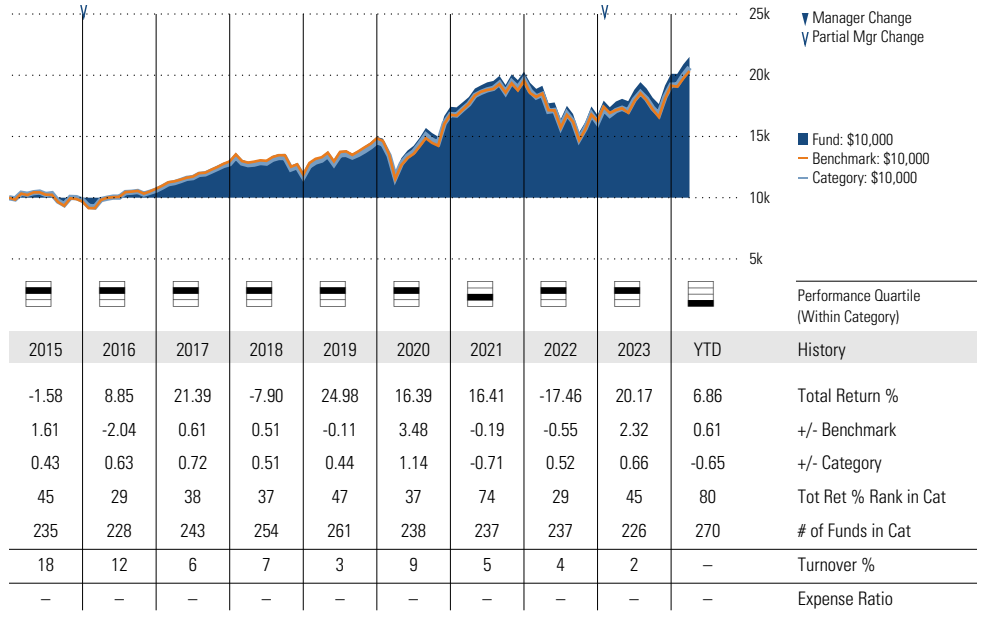
## Morningstar Investment Management LLC Analysis

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.

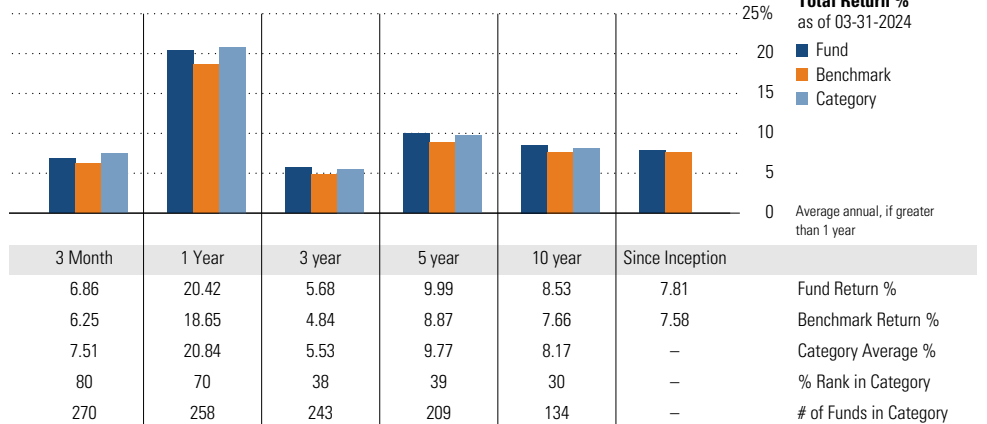
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

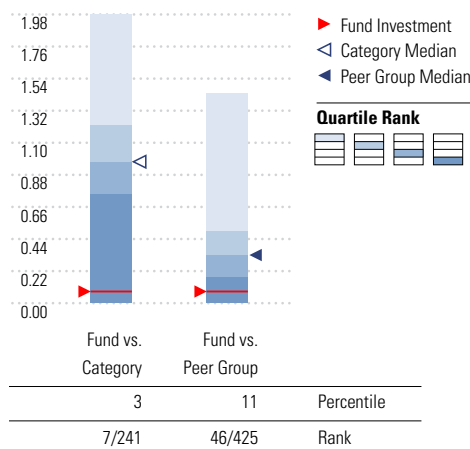
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.95	-	0.79
Beta	0.96	-	0.98
R-Squared	98.78	-	98.24
Standard Deviation	15.64	16.14	15.94
Sharpe Ratio	0.25	0.19	0.24
Tracking Error	1.83	-	2.15
Information Ratio	0.46	-	0.32
Up Capture Ratio	99.11	-	100.34
Down Capture Ratio	95.21	-	97.18

## Portfolio Metrics

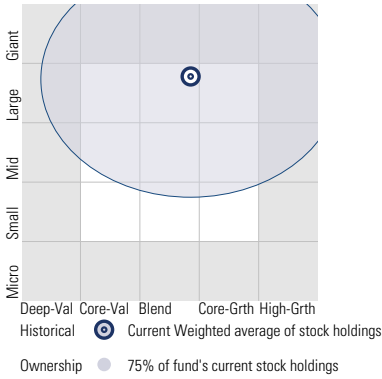
	Fund	Bmark	Cat
Price/Earnings Ratio	19.77	18.66	20.54
Price/Book Ratio	2.63	2.41	2.84
Avg Eff Duration	6.46	-	7.57

# Vanguard Target Retirement 2050 Fund VFI5X

**Morningstar Category**  
Target-Date 2050

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

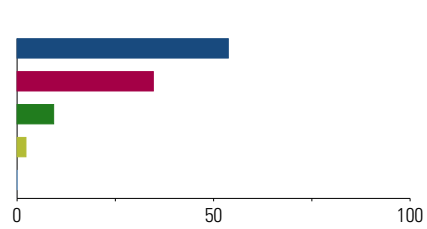
**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



**Style Breakdown**

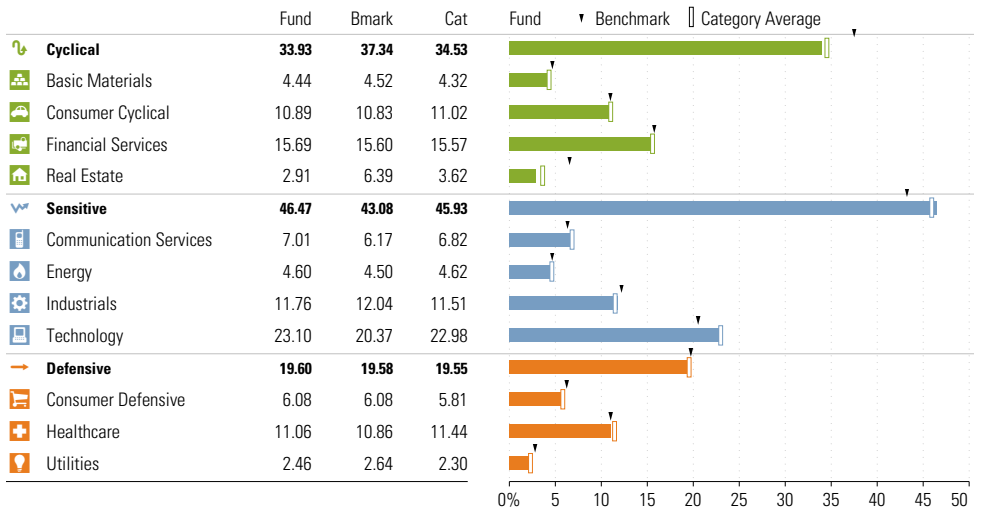


**Asset Allocation** as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	53.74	52.75
Non-US Stocks	34.66	27.48
Bonds	9.30	6.40
Cash	2.25	1.79
Other	0.06	11.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024



**Top 6 Holdings** as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.91	53.91	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.74	89.65	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.61	96.26	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.99	99.25	-	-
⊖ Mktliq 12/31/2049	-	0.76	100.01	-	-
⊕ Us Dollar	-	0.01	100.03	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2055 Fund VFFVX

**Morningstar Category**  
Target-Date 2055

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.11 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 2055 category average.

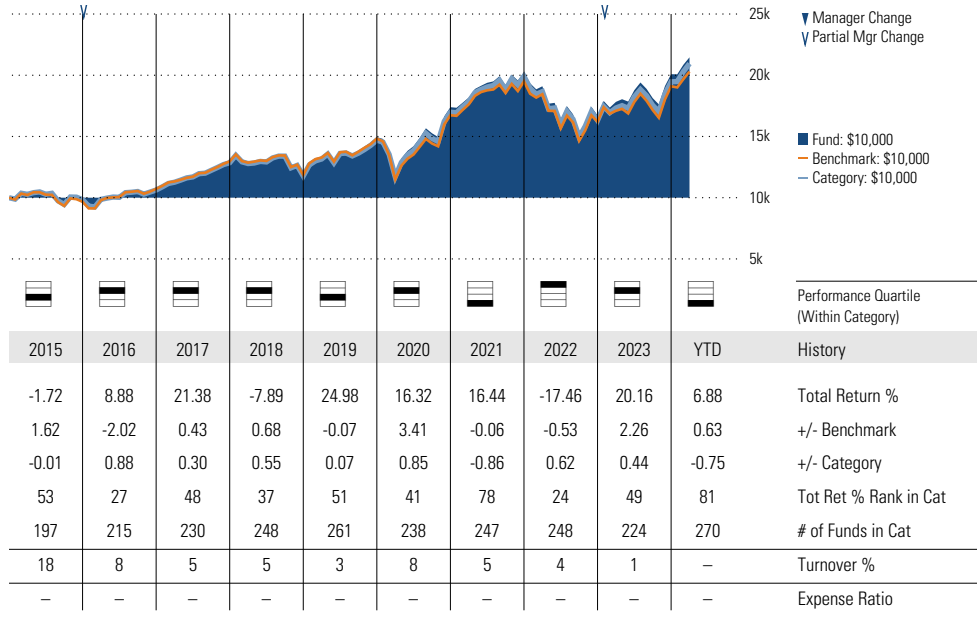
## Morningstar Investment Management LLC Analysis

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.

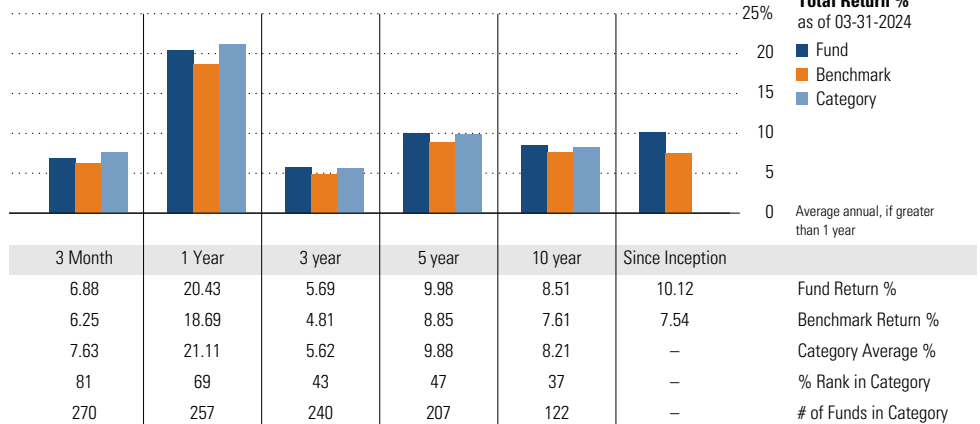
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

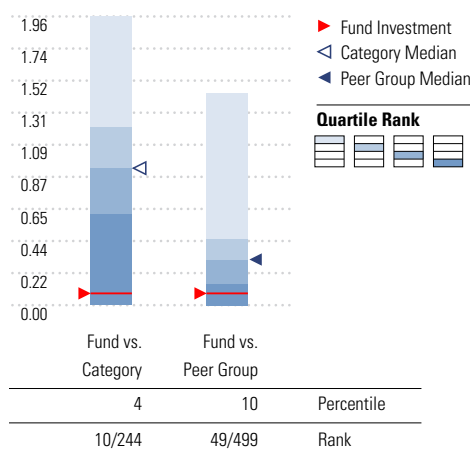
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.00	-	0.90
Beta	0.96	-	0.99
R-Squared	98.73	-	98.22
Standard Deviation	15.64	16.22	16.13
Sharpe Ratio	0.25	0.19	0.24
Tracking Error	1.89	-	2.17
Information Ratio	0.47	-	0.37
Up Capture Ratio	98.85	-	101.34
Down Capture Ratio	94.75	-	97.75

## Portfolio Metrics

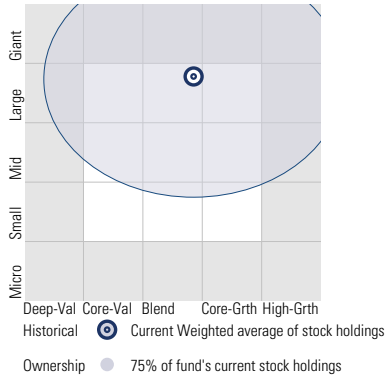
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	18.53	20.45
Price/Book Ratio	2.63	2.38	2.81
Avg Eff Duration	6.46	-	8.64

# Vanguard Target Retirement 2055 Fund VFFVX

**Morningstar Category**  
Target-Date 2055

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

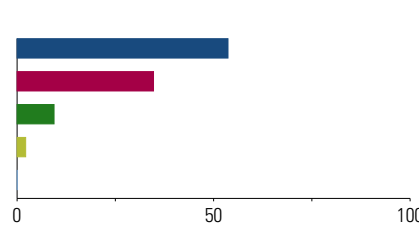
**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



**Style Breakdown**

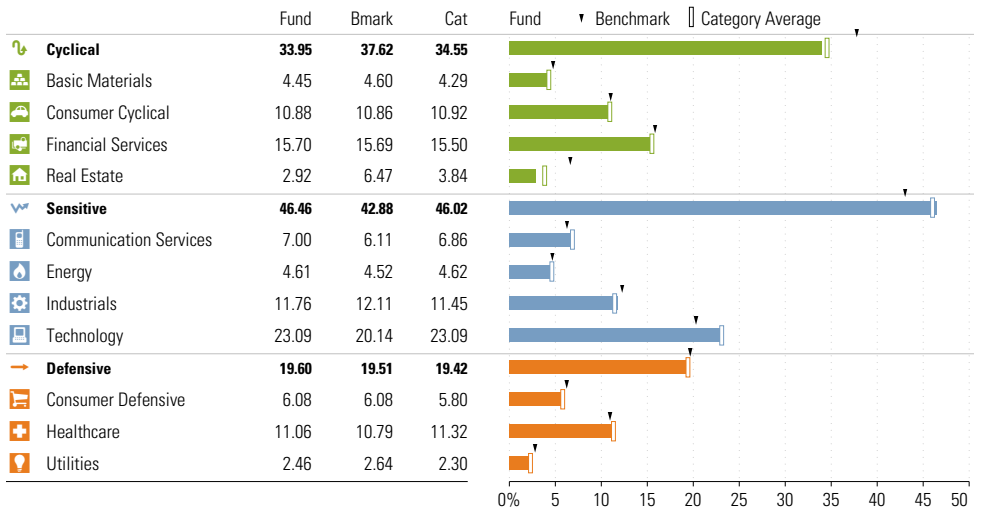


**Asset Allocation** as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	53.66	52.74
Non-US Stocks	34.71	26.79
Bonds	9.40	6.72
Cash	2.18	1.10
Other	0.06	12.64
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024



**Top 6 Holdings** as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.82	53.82	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.80	89.62	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.71	96.33	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.99	99.32	-	-
⊕ Mktliq 12/31/2049	-	0.67	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Fund VTTSX

**Morningstar Category**  
Target-Date 2060

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.11 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.

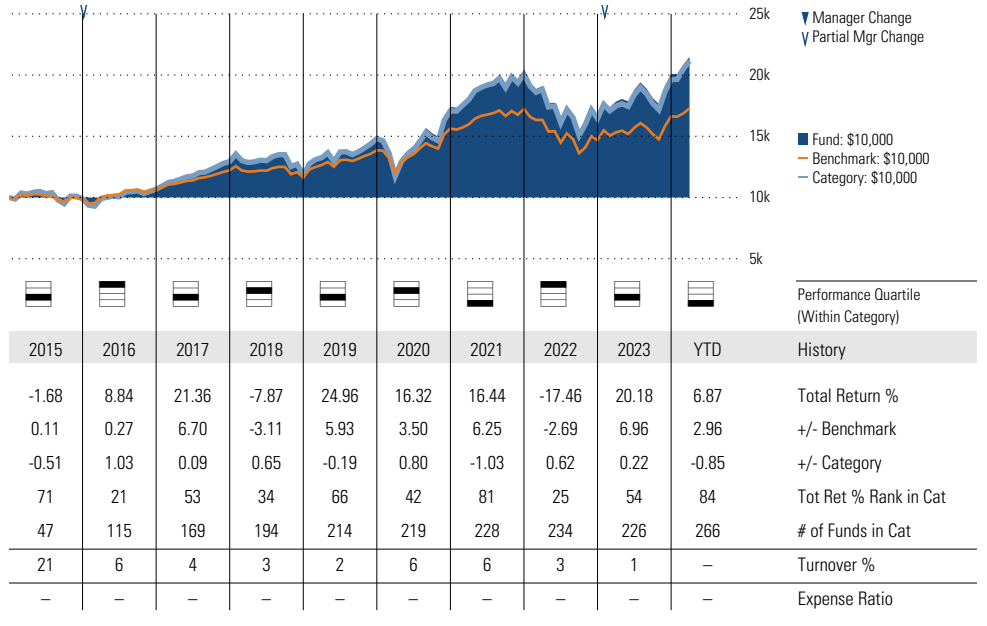
## Morningstar Investment Management LLC Analysis

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.

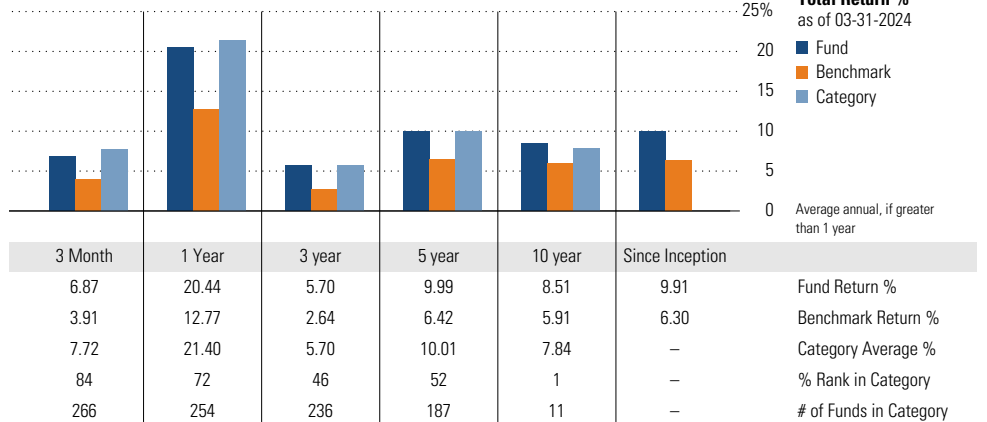
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

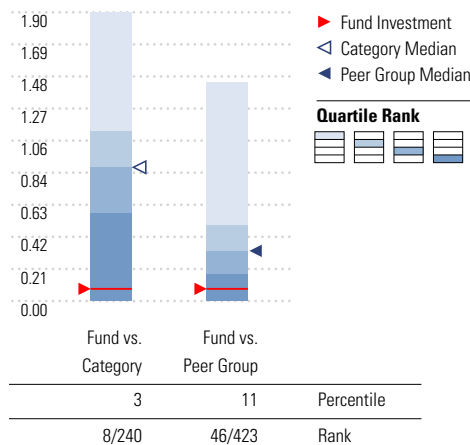
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.56	-	2.60
Beta	1.24	-	1.28
R-Squared	97.68	-	96.52
Standard Deviation	15.63	12.42	16.18
Sharpe Ratio	0.25	0.04	0.25
Tracking Error	3.85	-	4.61
Information Ratio	0.79	-	0.68
Up Capture Ratio	136.16	-	140.35
Down Capture Ratio	122.73	-	126.91

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.75	18.45	19.88
Price/Book Ratio	2.63	2.33	2.65
Avg Eff Duration	6.46	-	7.50

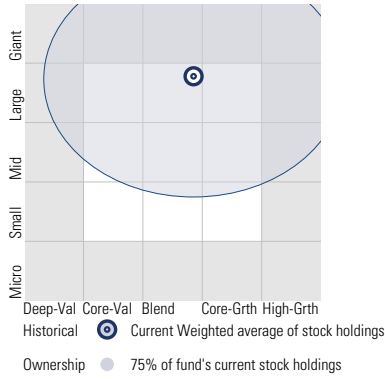
# Vanguard Target Retirement 2060 Fund VTTSX

**Morningstar Category**  
Target-Date 2060

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

## Style Analysis as of 03-31-2024

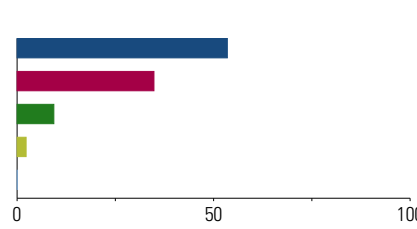
Morningstar Style Box™



## Style Breakdown

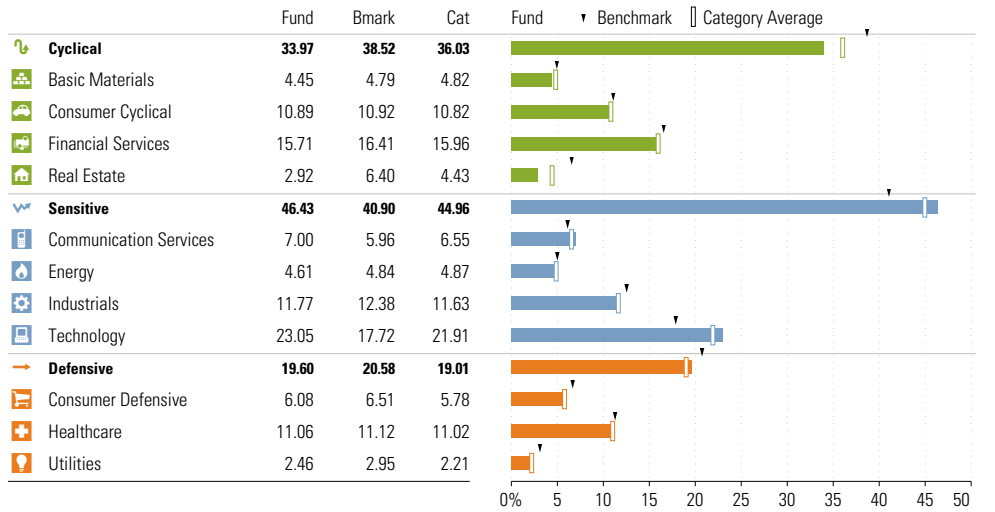


## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	53.49	44.77
Non-US Stocks	34.82	30.84
Bonds	9.35	5.99
Cash	2.29	1.05
Other	0.06	17.37
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## Top 6 Holdings as of 03-31-2024

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	-	35.91	89.56	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.65	96.21	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	3.00	99.21	-	-
⊕ Mktliq 12/31/2049	-	0.80	100.01	-	-
⊕ Us Dollar	-	0.01	100.02	-	-

## 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 6.72 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 2065+ category average.

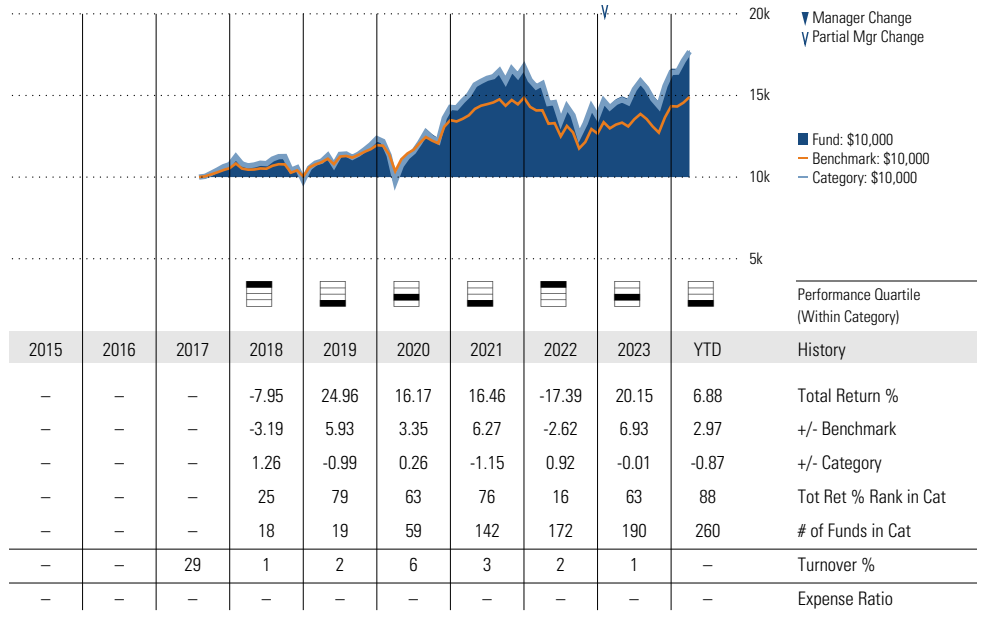
## Morningstar Investment Management LLC Analysis

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

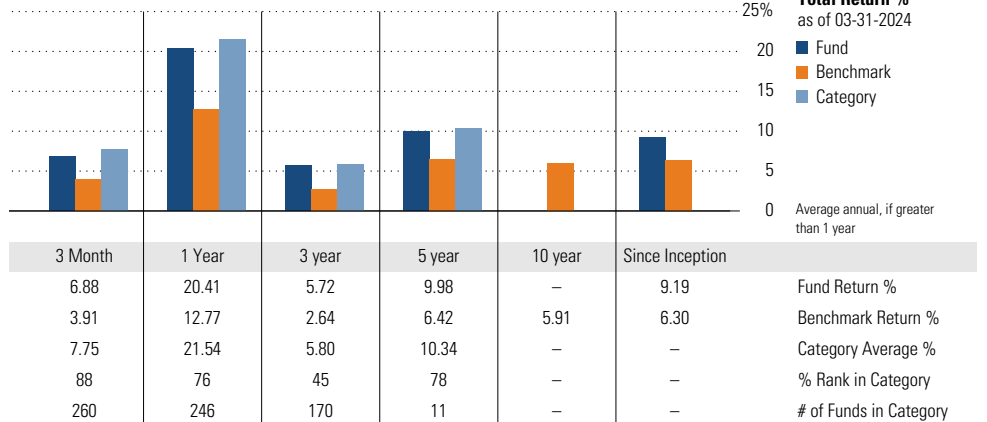
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

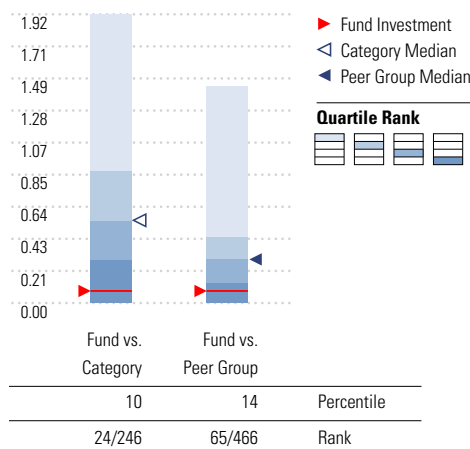
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.59	-	2.60
Beta	1.24	-	1.29
R-Squared	97.66	-	96.48
Standard Deviation	15.62	12.42	16.30
Sharpe Ratio	0.25	0.04	0.25
Tracking Error	3.85	-	4.72
Information Ratio	0.80	-	0.66
Up Capture Ratio	136.18	-	141.07
Down Capture Ratio	122.61	-	127.64

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.73	18.45	19.94
Price/Book Ratio	2.62	2.33	2.69
Avg Eff Duration	6.46	-	7.34

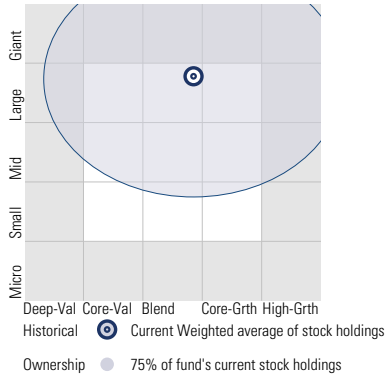
# Vanguard Target Retirement 2065 Fund VLXVX

**Morningstar Category**  
Target-Date 2065+

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

## Style Analysis as of 03-31-2024

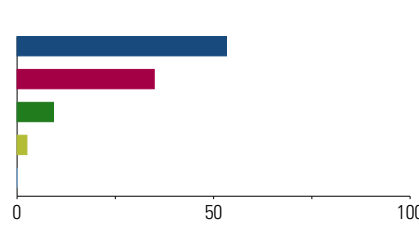
Morningstar Style Box™



## Style Breakdown

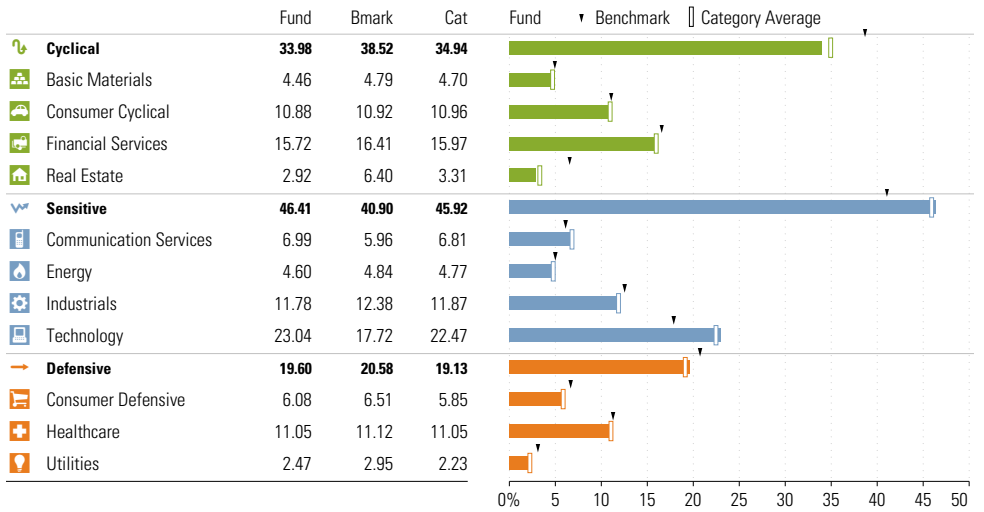


## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	53.28	45.43
Non-US Stocks	34.89	31.18
Bonds	9.26	10.52
Cash	2.50	1.38
Other	0.06	11.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.44	53.44	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.99	89.43	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.57	96.01	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.99	98.99	-	-
⊕ Mktliq 12/31/2049	-	0.99	99.98	-	-
⊖ Us Dollar	-	0.02	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category**  
Target-Date 2065+

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2065+ category average.

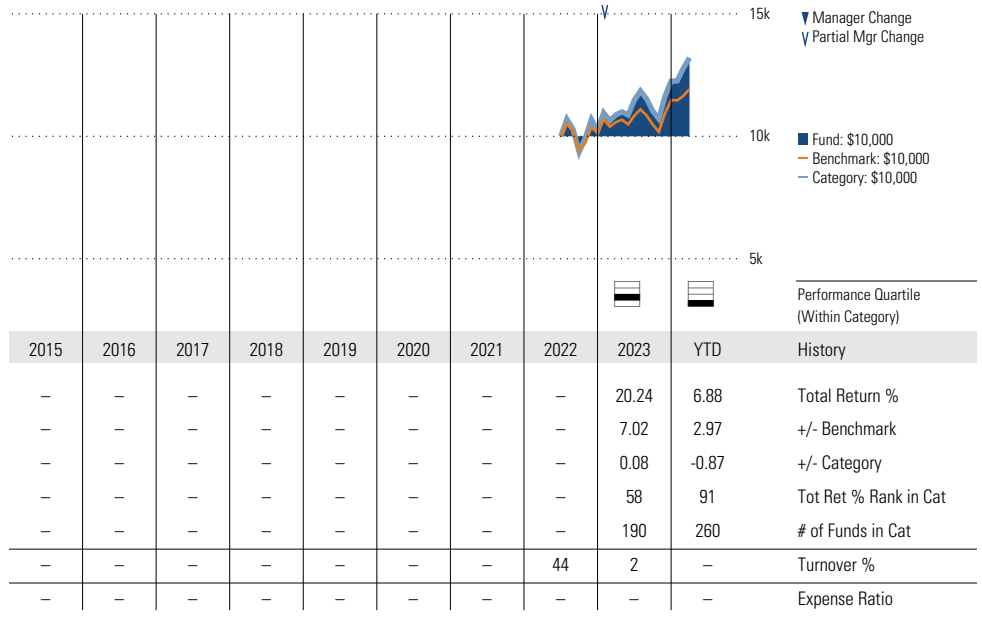
## Morningstar Investment Management LLC Analysis

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

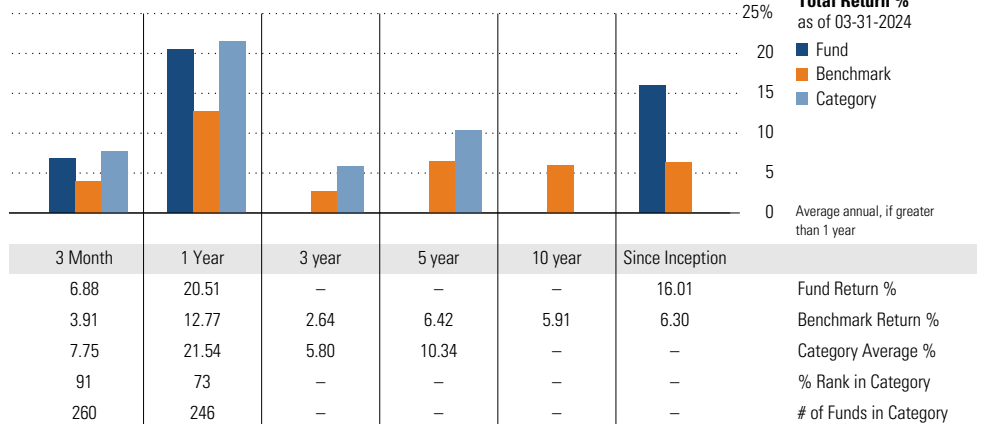
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022

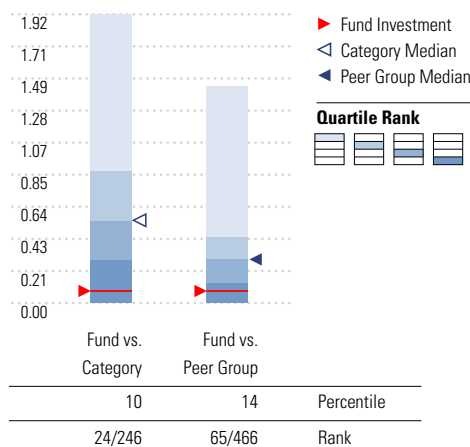
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	2.60
Beta	-	-	1.29
R-Squared	-	-	96.48
Standard Deviation	-	12.42	16.30
Sharpe Ratio	-	0.04	0.25
Tracking Error	-	-	4.72
Information Ratio	-	-	0.66
Up Capture Ratio	-	-	141.07
Down Capture Ratio	-	-	127.64

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	18.45	19.94
Price/Book Ratio	2.63	2.33	2.69
Avg Eff Duration	6.45	-	7.34

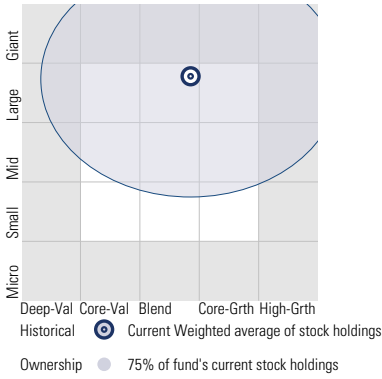
# Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category**  
Target-Date 2065+

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

## Style Analysis as of 03-31-2024

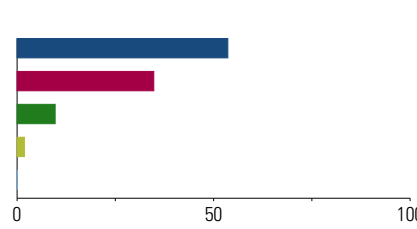
Morningstar Style Box™



## Style Breakdown

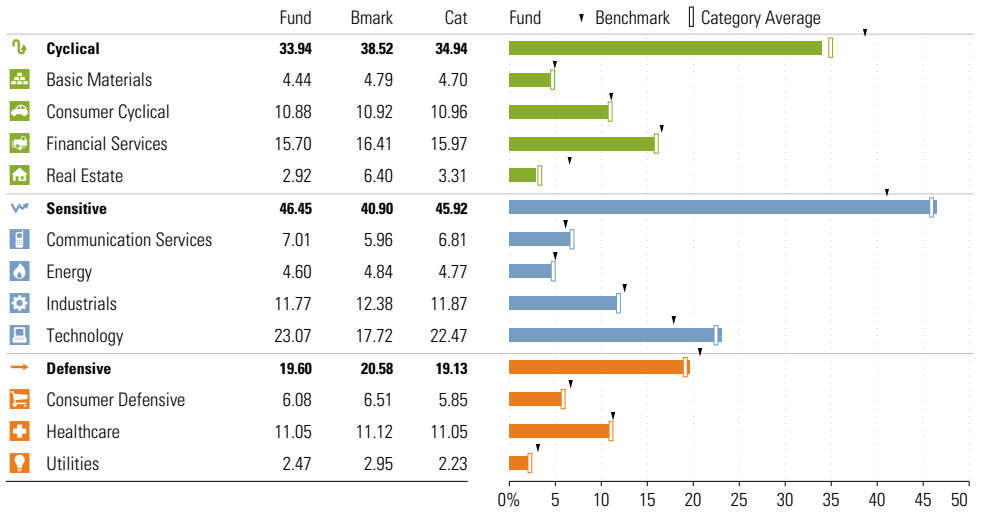


## Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	53.62	45.43
Non-US Stocks	34.78	31.18
Bonds	9.68	10.52
Cash	1.86	1.38
Other	0.06	11.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2024



## Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.79	53.79	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.87	89.66	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	7.00	96.66	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.99	99.65	-	-
⊕ Mktliq 12/31/2049	-	0.27	99.92	-	-
⊕ Us Dollar	-	0.08	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category**  
Target-Date Retirement

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.11 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 Retirement category average.

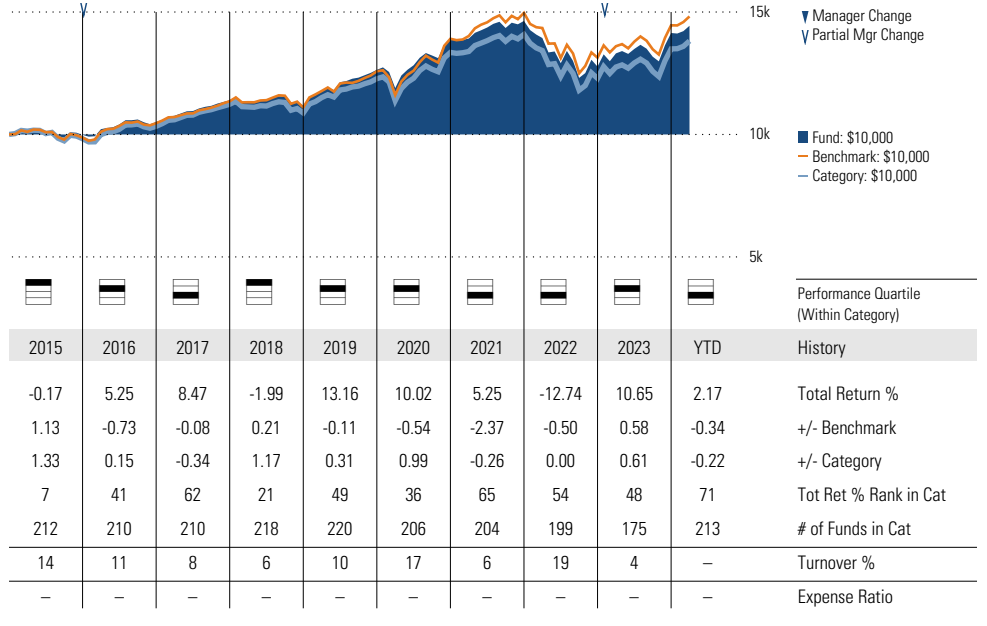
## Morningstar Investment Management LLC Analysis

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

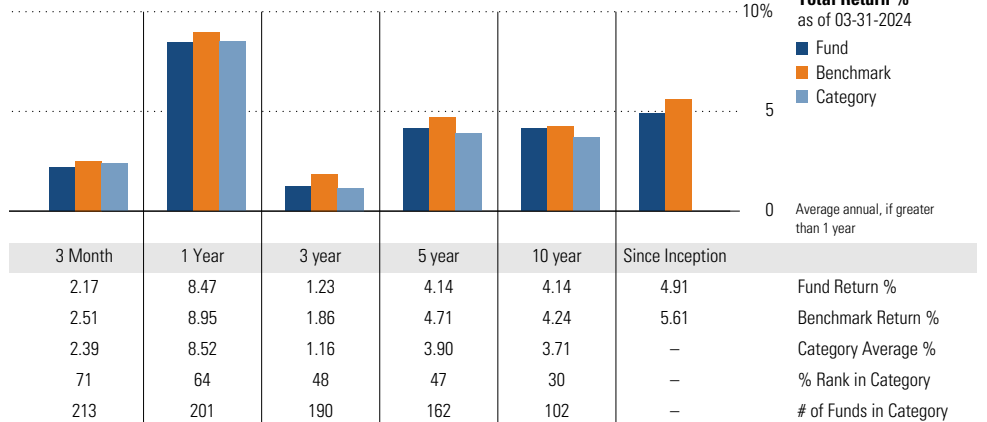
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
ESG Commitment	1-Low	02-15-2022

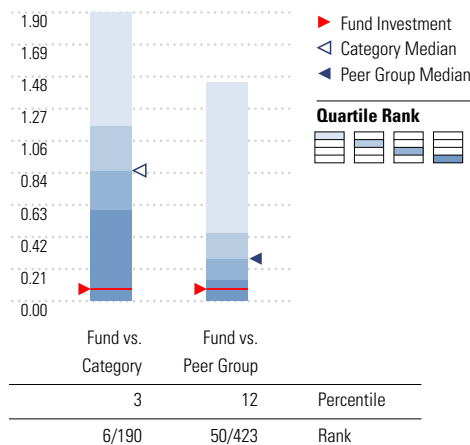
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.51	-	-0.53
Beta	0.93	-	0.97
R-Squared	97.81	-	96.66
Standard Deviation	8.53	9.06	8.90
Sharpe Ratio	-0.16	-0.08	-0.15
Tracking Error	1.41	-	1.85
Information Ratio	-0.45	-	-0.35
Up Capture Ratio	91.87	-	94.85
Down Capture Ratio	96.00	-	99.11

## Portfolio Metrics

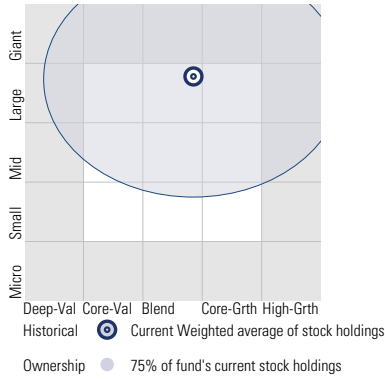
	Fund	Bmark	Cat
Price/Earnings Ratio	19.70	20.14	20.28
Price/Book Ratio	2.62	2.71	2.71
Avg Eff Duration	5.49	-	5.75

# Vanguard Target Retirement Income Fund VTINX

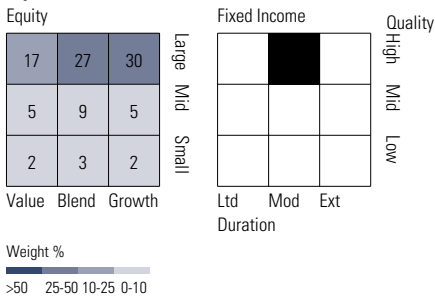
**Morningstar Category**  
Target-Date Retirement

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

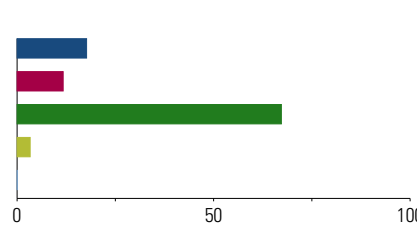
**Style Analysis** as of 03-31-2024  
Morningstar Style Box™



**Style Breakdown**

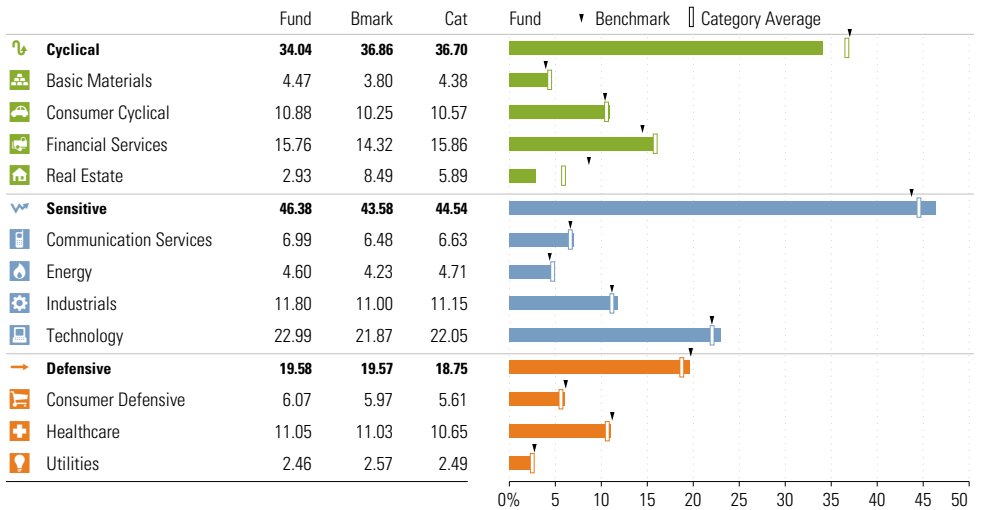


**Asset Allocation** as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	17.68	23.38
Non-US Stocks	11.72	13.42
Bonds	67.24	46.38
Cash	3.32	3.72
Other	0.05	13.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2024



**Top 7 Holdings** as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	-	36.83	36.83	-	-
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	17.73	54.56	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.48	71.04	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	16.13	87.18	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	12.08	99.26	-	-
⊕ Mktliq 12/31/2049	-	0.74	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Value Index Adm VVIAX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-1994

Walter Nejman since 04-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 29.27 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.05 is 94.38% lower than the Large Value category average.

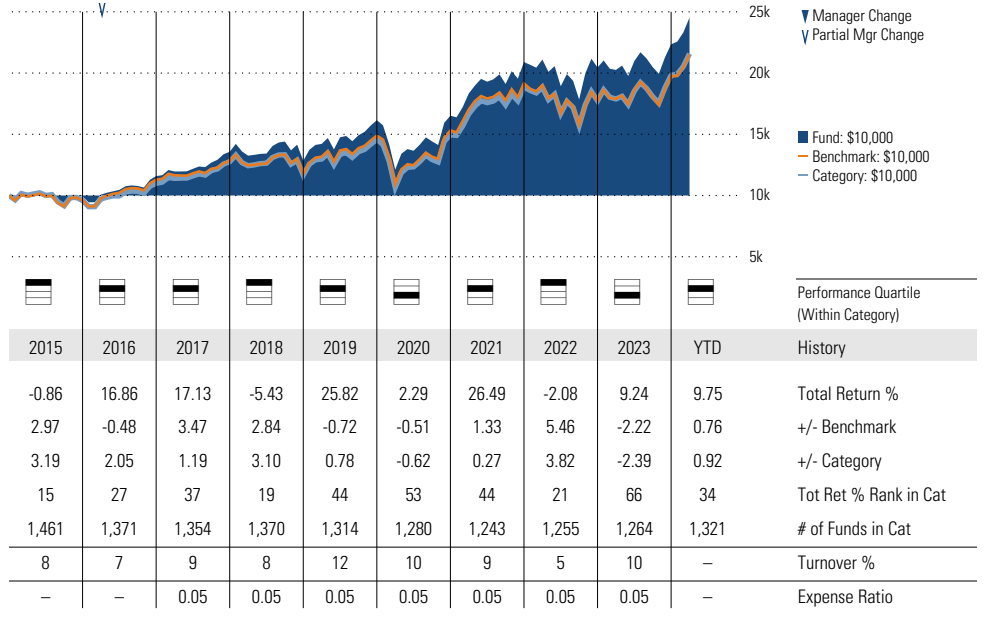
## Morningstar Investment Management LLC Analysis

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

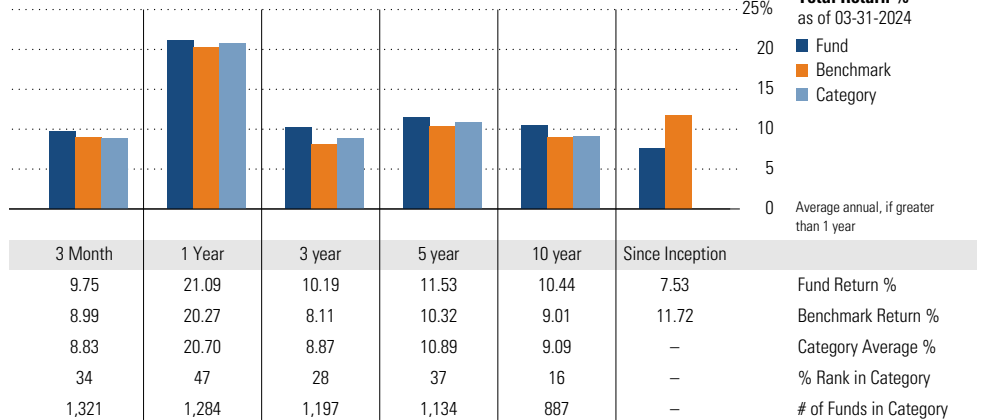
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

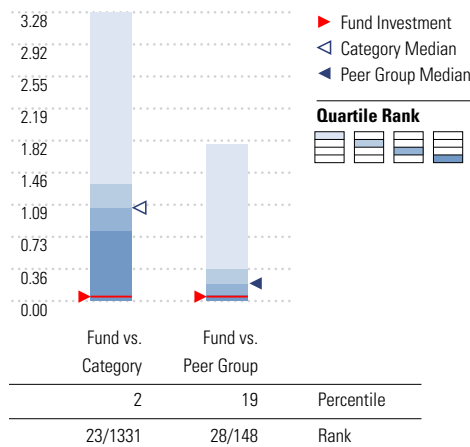
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.34	-	1.07
Beta	0.94	-	0.96
R-Squared	97.69	-	94.27
Standard Deviation	15.62	16.43	16.34
Sharpe Ratio	0.51	0.38	0.43
Tracking Error	2.57	-	4.01
Information Ratio	0.81	-	0.22
Up Capture Ratio	98.64	-	98.20
Down Capture Ratio	89.01	-	93.98

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.14	17.93	18.96
Price/Book Ratio	2.81	2.34	2.53
Geom Avg Mkt Cap \$B	122.28	73.93	121.22
ROE	22.84	16.60	21.17

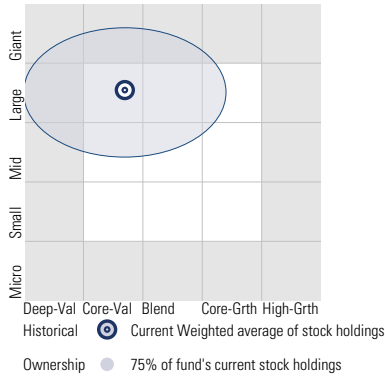
# Vanguard Value Index Adm VVIAX

**Morningstar Category**  
Large Value

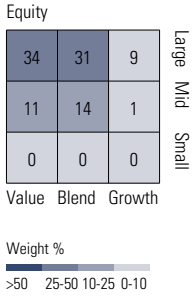
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 03-31-2024

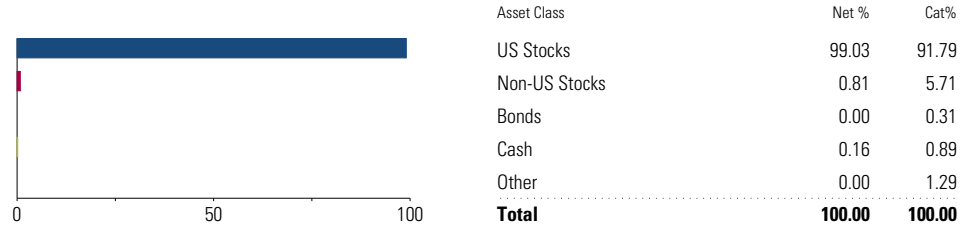
Morningstar Style Box™



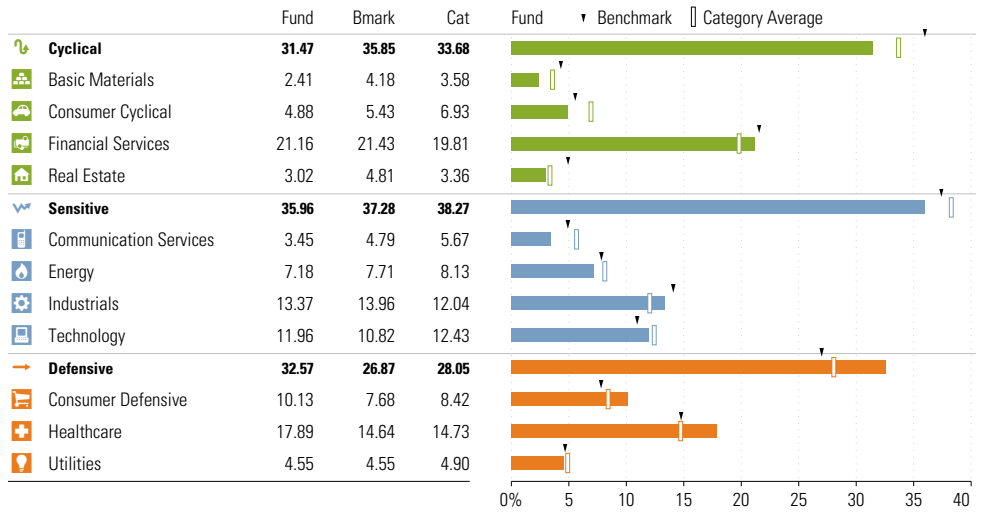
## Style Breakdown



## Asset Allocation as of 03-31-2024



## Sector Weighting as of 03-31-2024



## Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Berkshire Hathaway Inc Class B	3.73	3.73	-	Financial Services
⊕ Broadcom Inc	3.02	6.75	-	Technology
⊖ JPMorgan Chase & Co	2.81	9.56	-	Financial Services
⊖ Exxon Mobil Corp	2.25	11.82	-	Energy
⊖ UnitedHealth Group Inc	2.23	14.05	-	Healthcare
⊖ Procter & Gamble Co	1.86	15.91	-	Consumer Defensive
⊕ The Home Depot Inc	1.86	17.77	-	Consumer Cyclical
⊖ Johnson & Johnson	1.86	19.63	-	Healthcare
⊖ Merck & Co Inc	1.63	21.26	-	Healthcare
⊖ AbbVie Inc	1.57	22.82	-	Healthcare
⊖ Chevron Corp	1.38	24.20	-	Energy
⊖ Walmart Inc	1.30	25.51	-	Consumer Defensive
⊖ Bank of America Corp	1.24	26.74	13.34	Financial Services
⊖ PepsiCo Inc	1.17	27.92	-	Consumer Defensive
⊖ Coca-Cola Co	1.16	29.07	-	Consumer Defensive

**Total Holdings 343**

⊕ Increase ⊖ Decrease ✨ New to Portfolio