

# AB Global Bond Z ANAZX

**Morningstar Category**  
Global Bond-USD Hedged

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

## Portfolio Manager(s)

Scott DiMaggio since 08-2005  
Matthew Sheridan since 01-2007  
John Taylor since 02-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 17.59 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.51 is 29.17% lower than the Global Bond-USD Hedged category average.

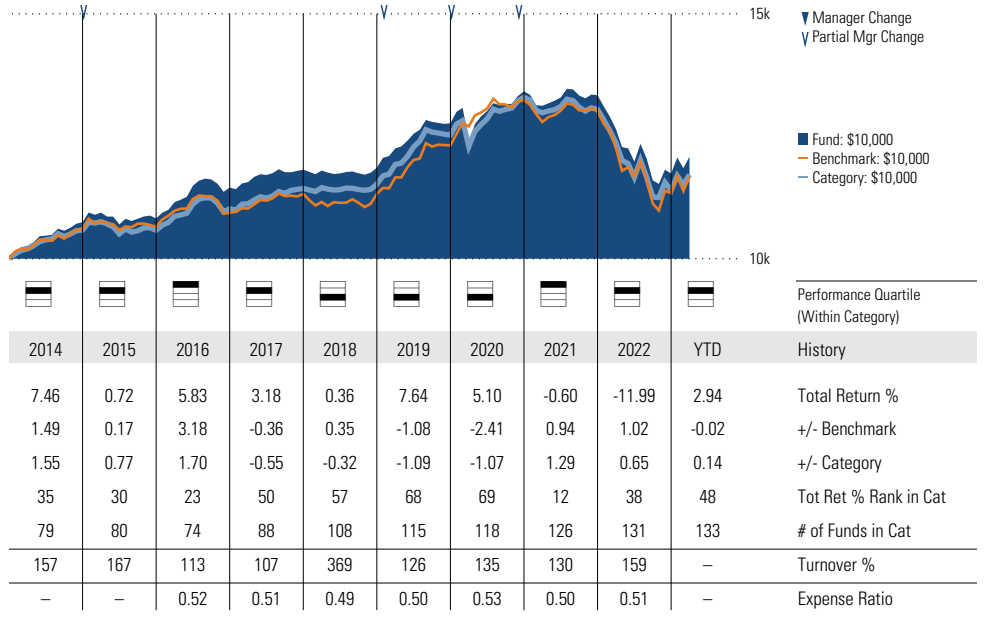
## Morningstar Investment Management LLC Analysis

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.

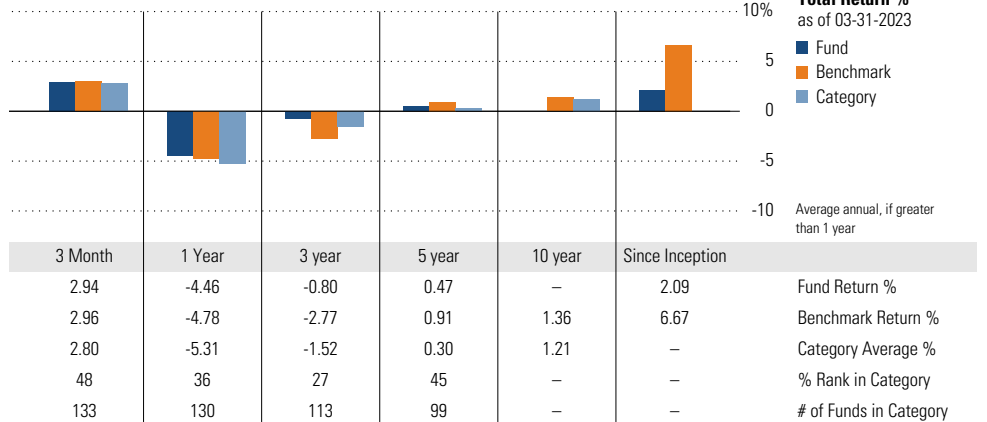
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023

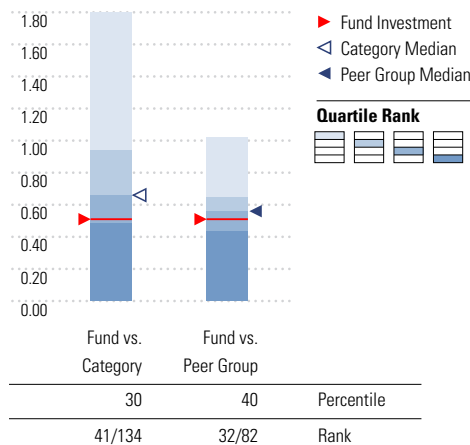
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.62	-	1.24
Beta	0.87	-	0.88
R-Squared	90.78	-	80.50
Standard Deviation	5.71	6.29	6.20
Sharpe Ratio	-0.31	-0.60	-0.38
Tracking Error	1.93	-	3.11
Information Ratio	1.02	-	0.54
Up Capture Ratio	102.39	-	102.61
Down Capture Ratio	81.26	-	86.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.01	4.43	6.49
Avg Eff Maturity	9.01	-	8.06

# AB Global Bond Z ANAZX

**Morningstar Category**  
Global Bond-USD Hedged

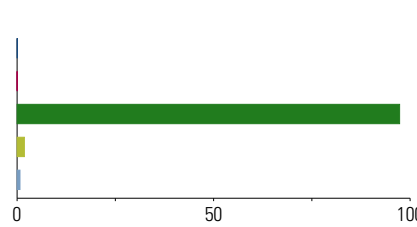
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 03-31-2023

### Style Breakdown



## Asset Allocation as of 03-31-2023

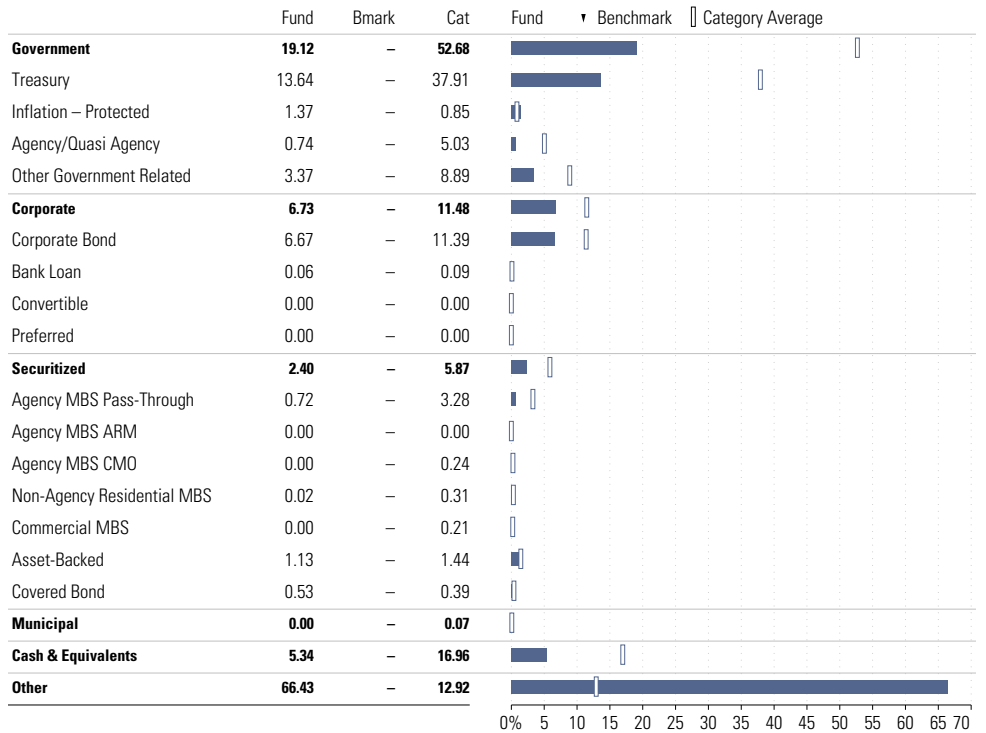


Asset Class	Net %	Cat%
US Stocks	0.08	0.00
Non-US Stocks	0.01	0.02
Bonds	97.33	91.62
Cash	1.85	8.06
Other	0.73	0.31
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	46.89	3.53	32.38
AA	13.20	74.59	12.66
A	12.96	10.82	22.96
BBB	19.21	8.32	19.86
BB	3.95	0.28	4.81
B	0.87	0.00	1.92
Below B	0.05	0.00	0.44
Not Rated	2.87	2.46	4.98

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ AUD FWD VS USD 0% 13/04/2023 Sold	04-2023	6.93	6.93	-
⊖ AUD FWD VS USD 0% 13/04/2023 Purchased	04-2023	6.93	13.86	-
⊖ EUR FWD VS USD 0% 27/02/2023 Sold	02-2023	6.92	20.78	-
⊖ EUR FWD VS USD 0% 27/02/2023 Purchased	02-2023	6.92	27.70	-
⊖ EUR FWD VS USD 0% 27/02/2023 Sold	02-2023	6.26	33.96	-
⊖ EUR FWD VS USD 0% 27/02/2023 Purchased	02-2023	6.26	40.22	-
⊖ EUR FWD VS USD 0% 09/02/2023 Purchased	02-2023	6.26	46.48	-
⊖ EUR FWD VS USD 0% 09/02/2023 Sold	02-2023	6.26	52.73	-
✱ Cash Offset	-	6.03	58.77	-
⊖ CNH FWD VS USD 0% 16/02/2023 Sold	02-2023	4.53	63.30	-

**Total Holdings 1858**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds American Balanced R6 RLBGX

**Morningstar Category**  
Moderate Allocation

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

## Portfolio Manager(s)

- Hilda Applbaum since 01-1999
- Alan Berro since 03-2006
- Jeffrey Lager since 03-2011
- Paul Benjamin since 07-2014
- Anne-Marie Peterson since 10-2015
- Alan Wilson since 01-2016
- John Queen since 07-2016
- Pramod Atluri since 03-2018
- Mark Casey since 10-2019
- Ritchie Tuazon since 10-2020
- Jin Lee since 03-2023
- Chit Purani since 03-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.26 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 0.25 is 75.73% lower than the Allocation--50% to 70% Equity category average.

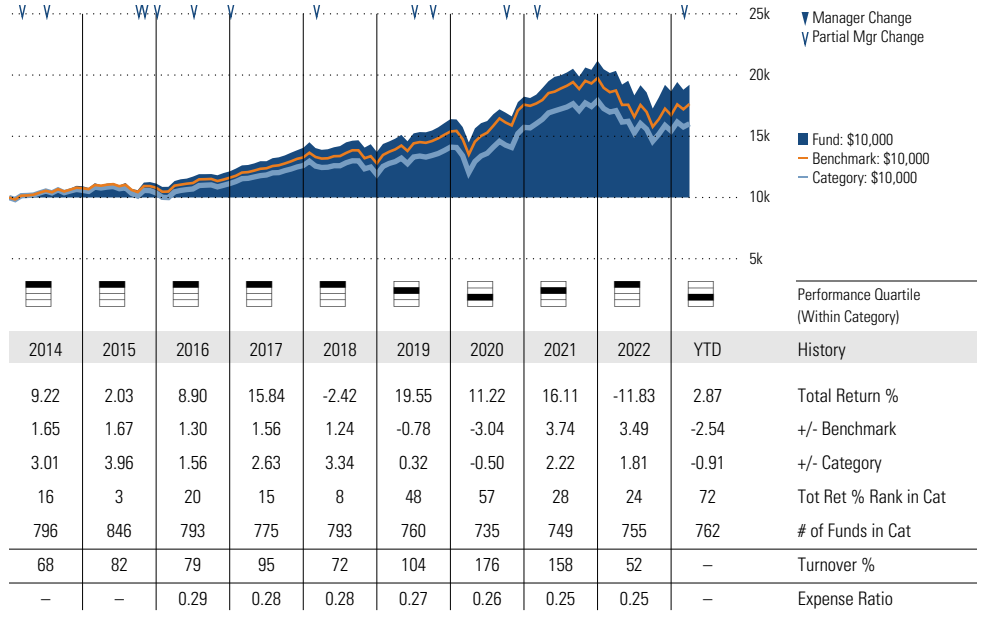
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

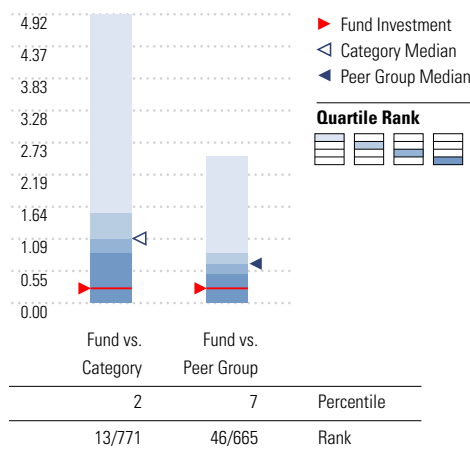
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.90	-	0.49
Beta	0.95	-	0.98
R-Squared	95.92	-	94.16
Standard Deviation	12.45	12.78	12.92
Sharpe Ratio	0.72	0.67	0.68
Tracking Error	2.58	-	3.03
Information Ratio	0.21	-	0.10
Up Capture Ratio	100.73	-	100.17
Down Capture Ratio	97.76	-	98.35

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.64	17.24	17.70
Price/Book Ratio	3.38	2.76	2.98
Avg Eff Duration	6.32	-	5.29

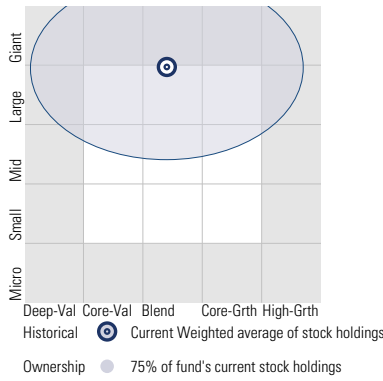
# American Funds American Balanced R6 RLBGX

**Morningstar Category**  
Moderate Allocation

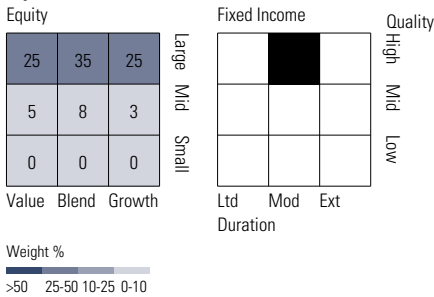
**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 03-31-2023

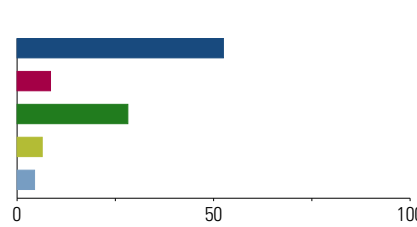
Morningstar Style Box™



## Style Breakdown

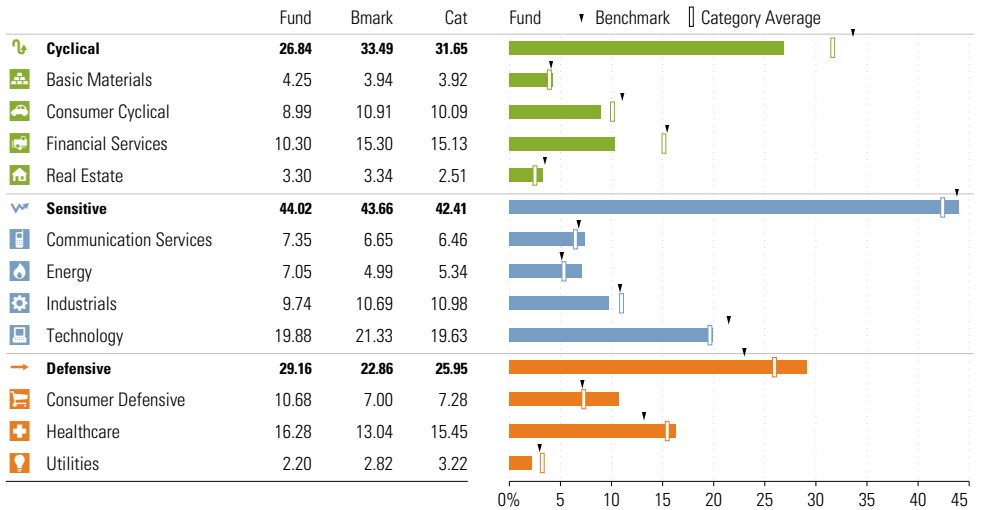


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	52.49	45.82
Non-US Stocks	8.50	10.52
Bonds	28.18	35.47
Cash	6.39	4.71
Other	4.44	3.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	—	8.05	8.05	—	—
⊖ Cap Grp Cent Fd Ser Ii	—	4.31	12.36	—	—
⊕ Microsoft Corp	—	3.98	16.34	20.50	Technology
⊖ Broadcom Inc	—	2.86	19.19	15.56	Technology
⊖ UnitedHealth Group Inc	—	2.10	21.29	-10.55	Healthcare
Philip Morris International Inc	—	2.01	23.30	-2.66	Consumer Defensive
✱ Cash And Other Assets Less Liabilities	—	1.93	25.23	—	—
⊕ The Home Depot Inc	—	1.38	26.61	-5.90	Consumer Cyclical
⊖ Pfizer Inc	—	1.18	27.78	-19.57	Healthcare
⊕ Federal National Mortgage Association 4.5%	05-2053	1.17	28.95	—	—

## Total Holdings 2091

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.52 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 46.43% lower than the Intermediate Core Bond category average.

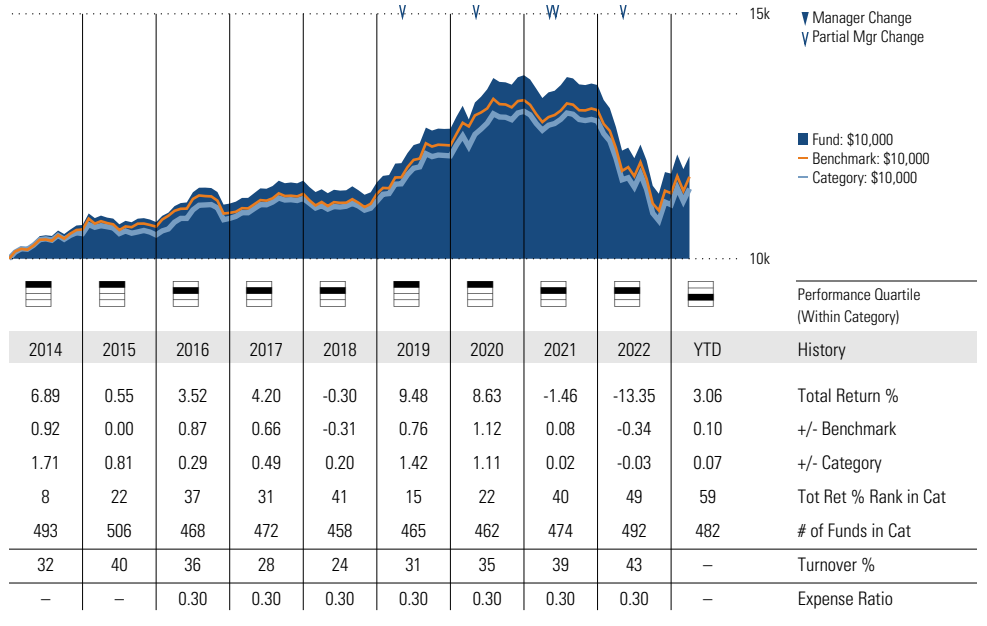
## Morningstar Investment Management LLC Analysis

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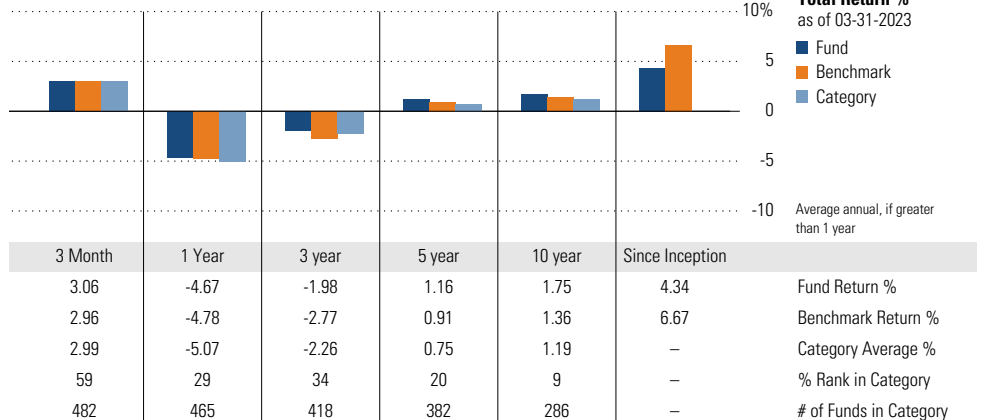
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022

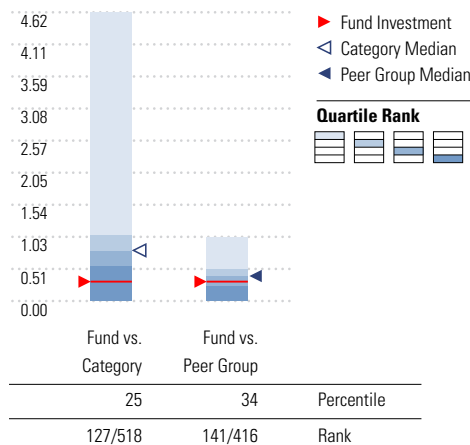
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.92	-	0.59
Beta	1.03	-	0.99
R-Squared	98.67	-	95.95
Standard Deviation	6.54	6.29	6.37
Sharpe Ratio	-0.45	-0.60	-0.50
Tracking Error	0.78	-	1.18
Information Ratio	1.01	-	0.32
Up Capture Ratio	111.68	-	104.43
Down Capture Ratio	99.95	-	96.96

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.33	4.43	6.00
Avg Eff Maturity	8.35	-	8.46

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

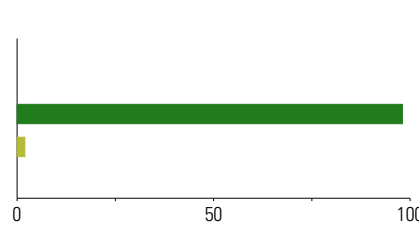
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 03-31-2023

### Style Breakdown



## Asset Allocation as of 03-31-2023

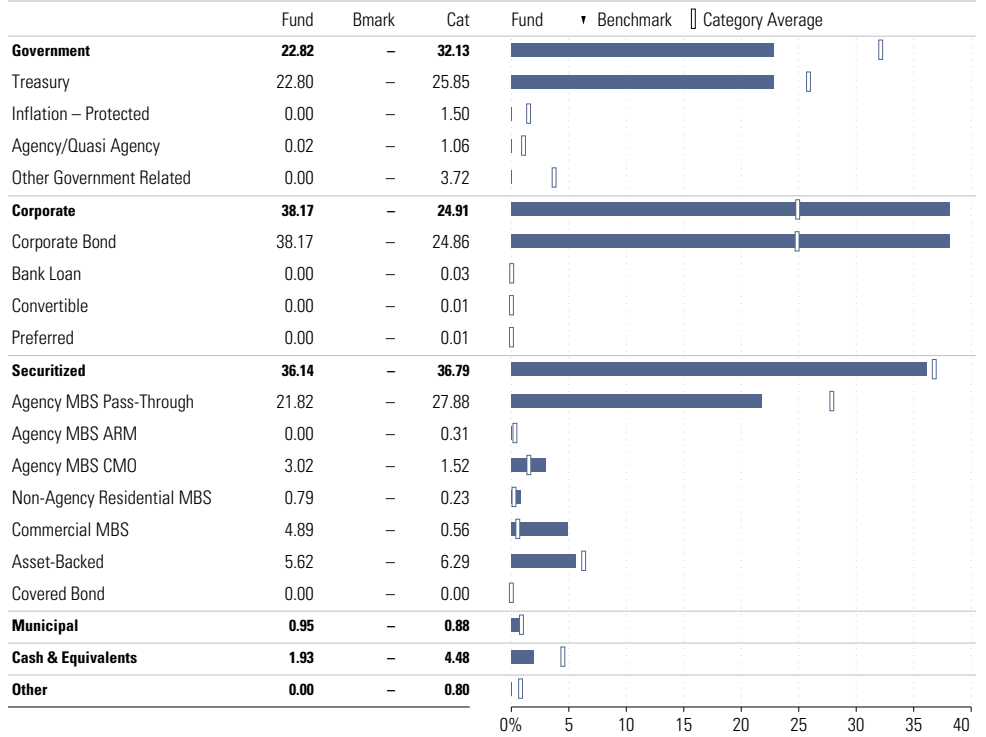


Asset Class	Net %	Cat%
US Stocks	0.00	0.09
Non-US Stocks	0.00	0.02
Bonds	98.04	95.20
Cash	1.97	3.36
Other	0.00	1.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	60.30	3.53	50.06
AA	3.80	74.59	11.69
A	12.60	10.82	23.47
BBB	23.10	8.32	13.19
BB	0.20	0.28	0.65
B	0.00	0.00	0.21
Below B	0.00	0.00	0.15
Not Rated	0.00	2.46	0.57

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	3.37	3.37	-
⊖ United States Treasury Bonds 2.88%	05-2043	2.46	5.83	-
⊕ United States Treasury Notes 2.88%	05-2032	2.37	8.20	-
⊕ United States Treasury Notes 1.13%	10-2026	2.37	10.57	-
⊖ United States Treasury Notes 1.13%	08-2028	1.97	12.54	-
United States Treasury Bonds 1.38%	11-2040	1.91	14.44	-
⊕ First American Government Obligs U	02-2030	1.87	16.32	-
⊕ United States Treasury Notes 2.38%	03-2029	1.15	17.47	-
⊕ United States Treasury Notes 1.5%	02-2025	1.14	18.61	-
⊖ United States Treasury Notes 2.88%	06-2025	1.10	19.72	-

**Total Holdings 1654**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# DFA US Core Equity 1 I DFEQX

**Morningstar Category**  
 Large Blend

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

## Portfolio Manager(s)

Jed Fogdall since 02-2012  
 John Hertzler since 02-2022  
 Mary Phillips since 02-2022

## 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 11.09 years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.58% lower than the Large Blend category average.

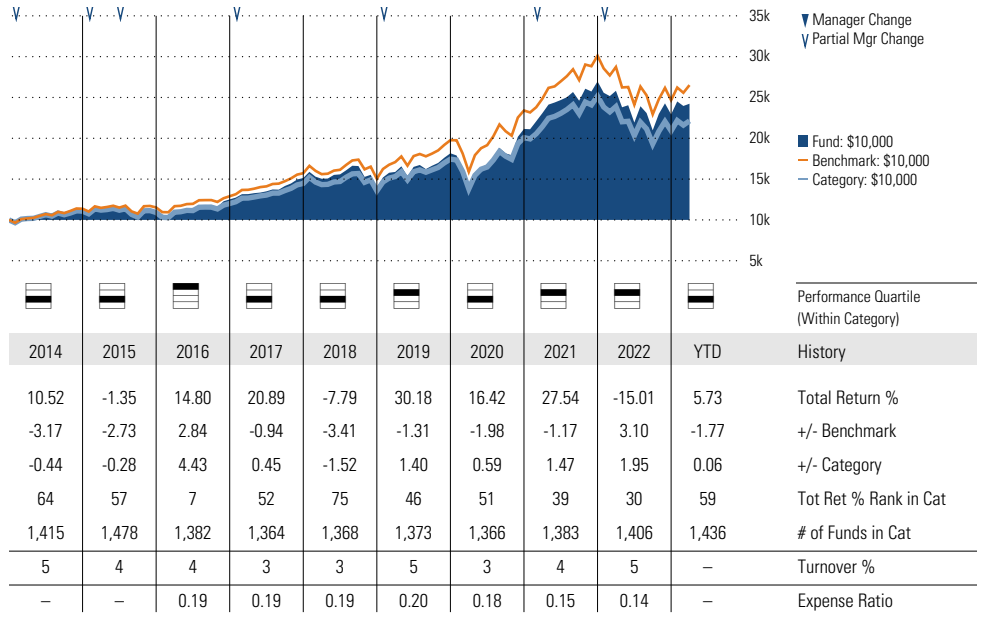
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

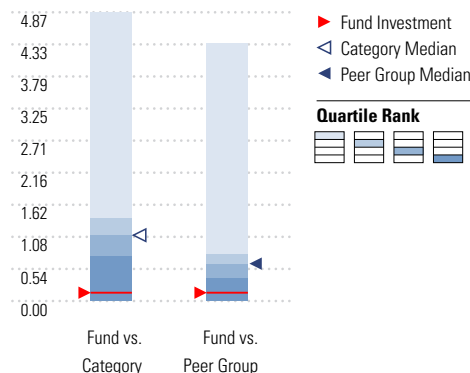
## Growth of \$10,000



## 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	2.04	-	-0.27
Beta	0.99	-	0.94
R-Squared	97.28	-	94.87
Standard Deviation	19.34	19.23	18.62
Sharpe Ratio	1.02	0.92	0.88
Tracking Error	3.20	-	3.97
Information Ratio	0.69	-	-1.04
Up Capture Ratio	100.33	-	93.75
Down Capture Ratio	91.72	-	94.82

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.04	19.90	18.81
Price/Book Ratio	2.98	3.64	3.46
Geom Avg Mkt Cap \$B	66.62	170.30	224.69
ROE	28.14	29.71	27.68

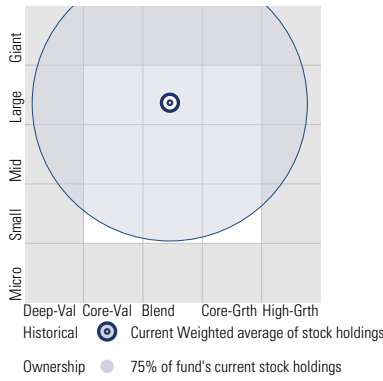
# DFA US Core Equity 1 I DFEOX

**Morningstar Category**  
Large Blend

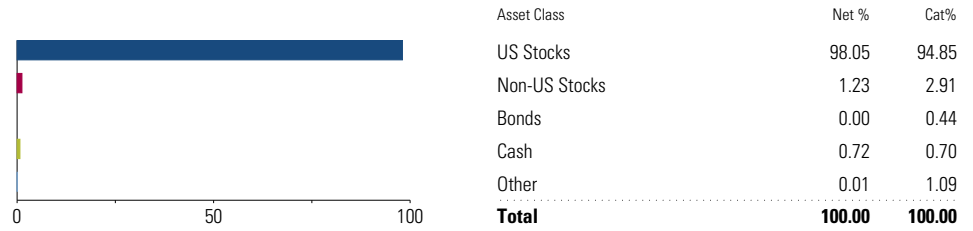
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 03-31-2023

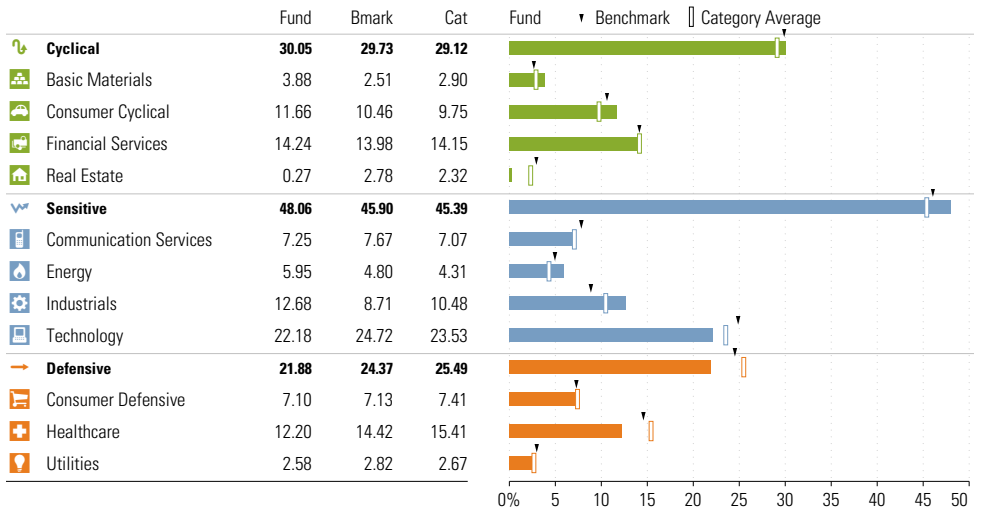
Morningstar Style Box™



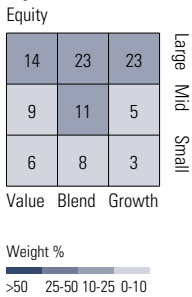
## Asset Allocation as of 03-31-2023



## Sector Weighting as of 03-31-2023



## Style Breakdown



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	5.18	5.18	27.09	Technology
Microsoft Corp	4.15	9.33	20.50	Technology
Amazon.com Inc	1.71	11.04	22.96	Consumer Cyclical
Alphabet Inc Class A	1.16	12.20	17.57	Communication Svc
Meta Platforms Inc Class A	1.08	13.28	76.12	Communication Svc
Alphabet Inc Class C	1.07	14.36	17.21	Communication Svc
Berkshire Hathaway Inc Class B	1.02	15.38	-0.04	Financial Services
Exxon Mobil Corp	1.01	16.39	0.24	Energy
JPMorgan Chase & Co	1.00	17.39	-2.08	Financial Services
Johnson & Johnson	0.85	18.23	-11.62	Healthcare
Future on E-mini S&P 500 Futures	0.84	19.08	-	-
Tesla Inc	0.80	19.88	68.42	Consumer Cyclical
Procter & Gamble Co	0.77	20.65	-1.29	Consumer Defensive
UnitedHealth Group Inc	0.76	21.41	-10.55	Healthcare
Mastercard Inc Class A	0.73	22.14	4.67	Financial Services

## Total Holdings 2713

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 25.74 years.

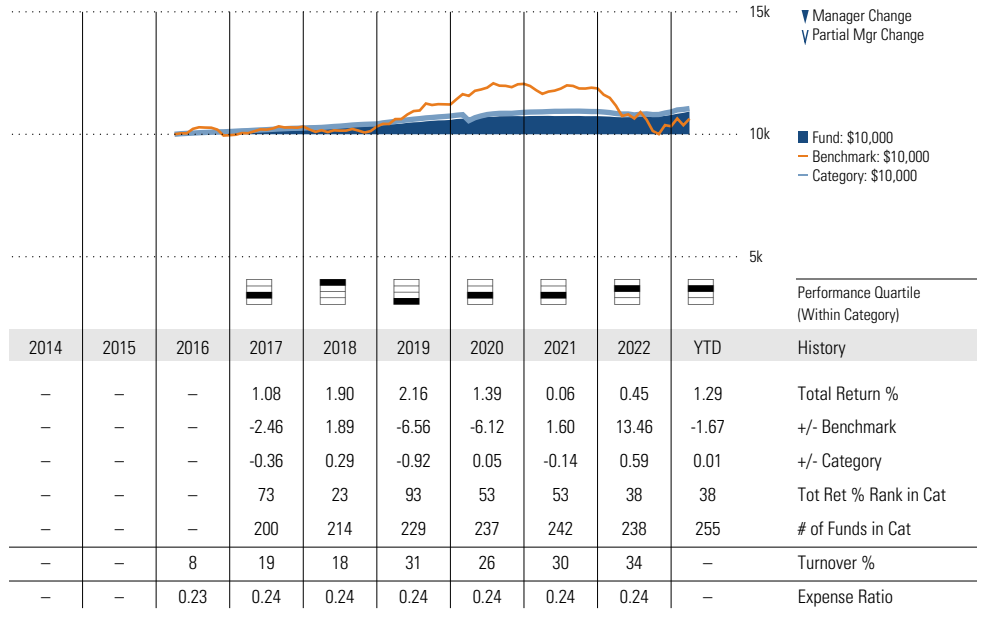
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.24 is 46.67% lower than the Ultrashort Bond category average.

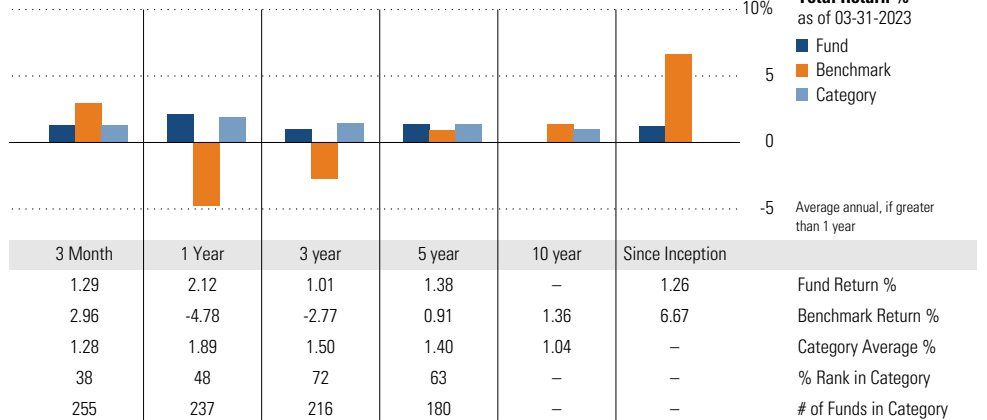
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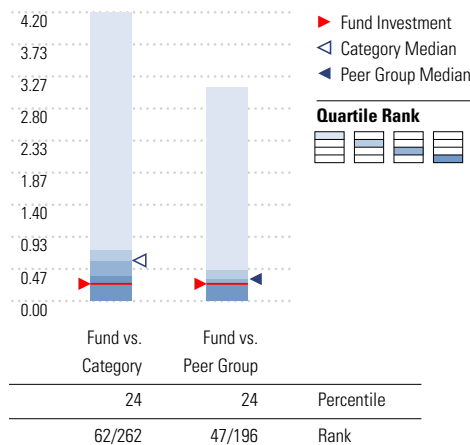
## Growth of \$10,000



## 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	1.16	-	1.80
Beta	0.06	-	0.11
R-Squared	30.67	-	28.48
Standard Deviation	0.64	6.29	1.30
Sharpe Ratio	-0.26	-0.60	0.10
Tracking Error	5.96	-	5.74
Information Ratio	0.64	-	0.75
Up Capture Ratio	11.52	-	23.31
Down Capture Ratio	-2.07	-	1.33

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.26	4.43	0.91
Avg Eff Maturity	5.30	-	1.90

# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

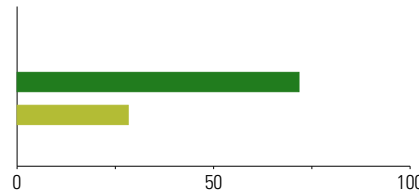
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

**Style Analysis** as of 03-31-2023

**Style Breakdown**



**Asset Allocation** as of 03-31-2023

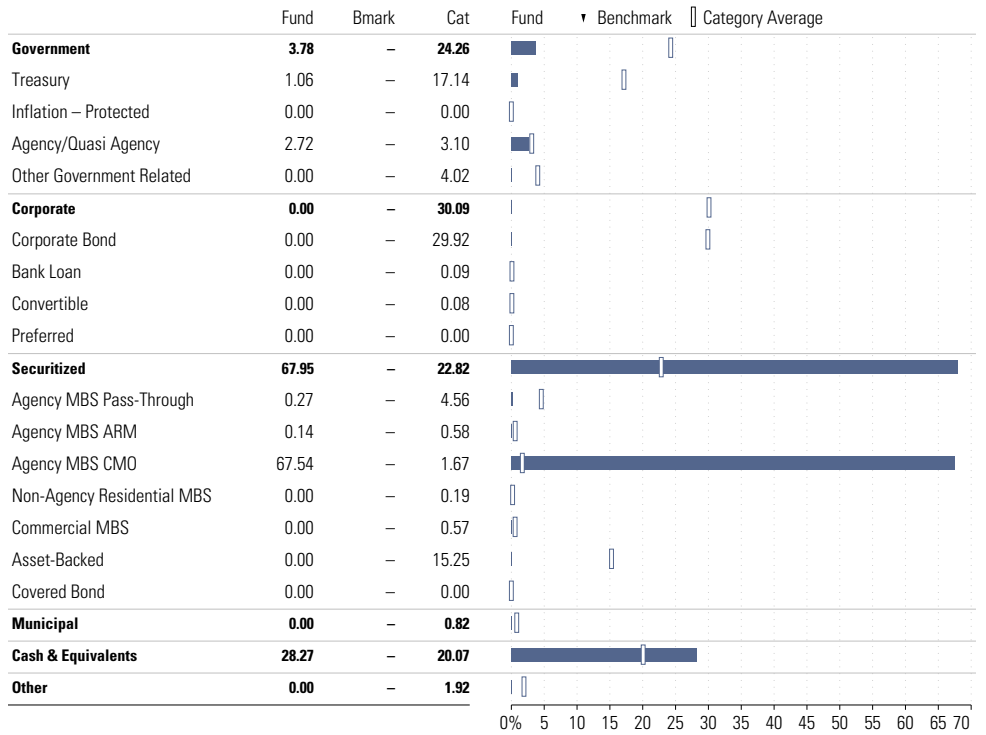


Asset Class	Net %	Cat%
US Stocks	0.00	0.17
Non-US Stocks	0.00	0.00
Bonds	71.73	68.64
Cash	28.27	31.04
Other	0.00	0.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	3.53	36.14
AA	0.00	74.59	7.53
A	0.00	10.82	20.05
BBB	0.00	8.32	19.36
BB	0.00	0.28	1.88
B	0.00	0.00	1.94
Below B	0.00	0.00	0.34
Not Rated	0.00	2.46	12.75

**Sector Weighting** as of 03-31-2023



**Top 10 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bofam Repo 1 Repo	04-2023	13.14	13.14	-
⊕ Hsbc Repo 2 Repo	04-2023	7.57	20.70	-
⊕ Bank Of Montreal 3 Repo	04-2023	7.57	28.27	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 4.82053%	12-2032	6.55	34.82	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.08561%	12-2032	6.04	40.86	-
⊕ Government National Mortgage Association 5.12871%	01-2073	5.29	46.15	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.44815%	10-2032	4.56	50.71	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.40561%	11-2032	3.95	54.66	-
⊕ Government National Mortgage Association 5.20906%	01-2053	3.82	58.48	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.40815%	11-2032	3.61	62.09	-

**Total Holdings 182**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Loomis Sayles Core Plus Bond N NERNX

**Morningstar Category**  
Intermediate Core-Plus Bond

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

## Portfolio Manager(s)

Peter Palfrey since 12-1996  
Richard Raczkowski since 05-1999  
Ian Anderson since 02-2020  
Barath Sankaran since 02-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 7 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 26.26 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 48.65% lower than the Intermediate Core-Plus Bond category average.

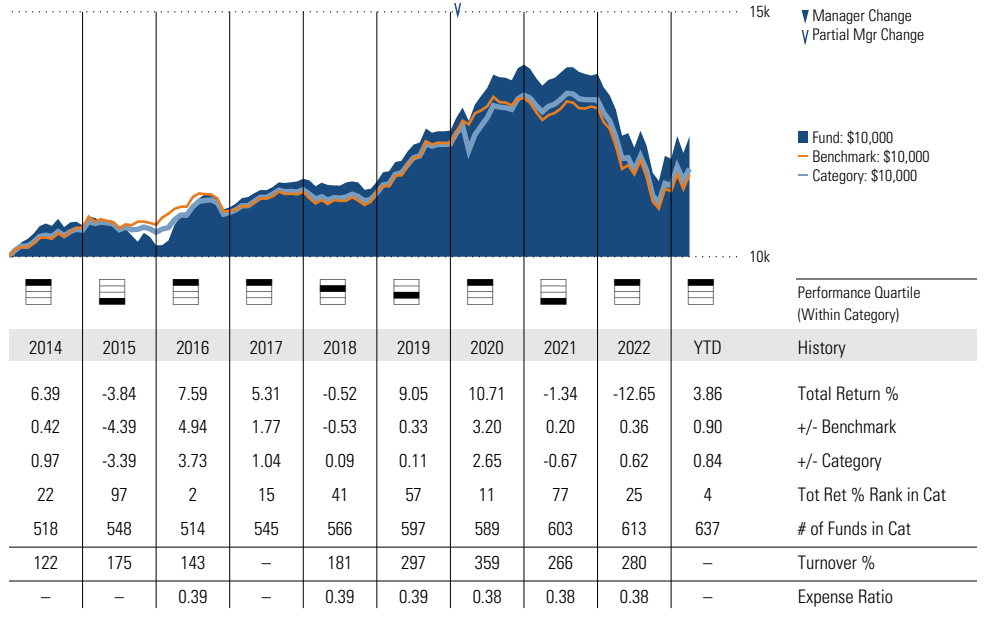
## Morningstar Investment Management LLC Analysis

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

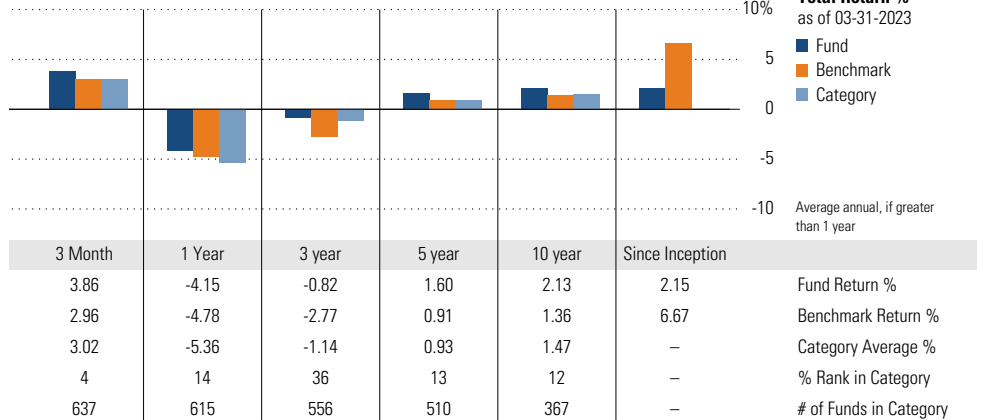
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022

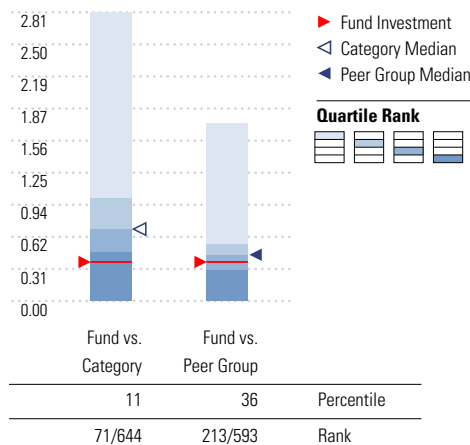
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.30	-	1.83
Beta	1.10	-	1.04
R-Squared	96.73	-	92.01
Standard Deviation	7.03	6.29	6.81
Sharpe Ratio	-0.25	-0.60	-0.30
Tracking Error	1.42	-	1.95
Information Ratio	1.38	-	0.88
Up Capture Ratio	125.25	-	117.78
Down Capture Ratio	97.48	-	95.22

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.09	4.43	6.17
Avg Eff Maturity	8.97	-	9.43

# Loomis Sayles Core Plus Bond N NERNX

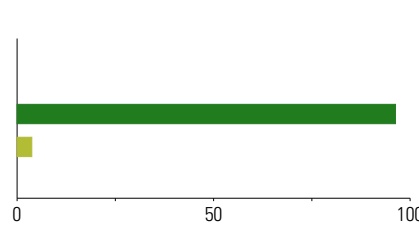
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** Bloomberg US Agg Bond TR USD

## Style Analysis as of 03-31-2023

### Style Breakdown



## Asset Allocation as of 03-31-2023

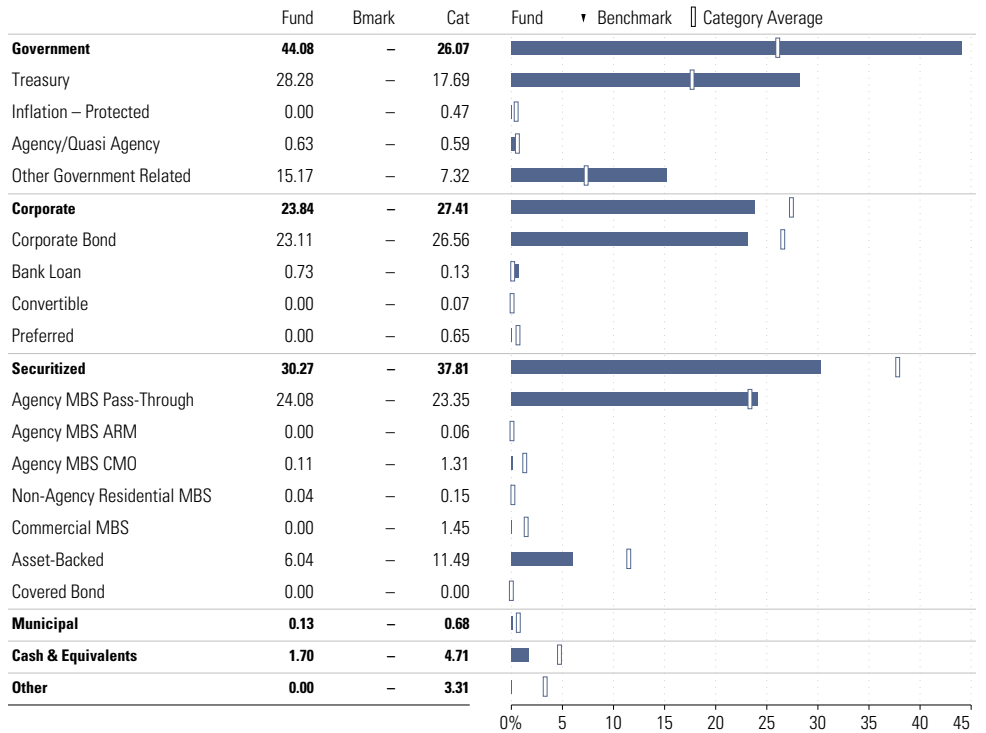


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	96.27	101.48
Cash	3.74	-1.32
Other	0.00	-0.16
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	62.87	3.53	53.64
AA	2.28	74.59	4.59
A	5.69	10.82	11.78
BBB	21.58	8.32	19.70
BB	6.84	0.28	4.76
B	0.63	0.00	1.66
Below B	0.07	0.00	0.59
Not Rated	0.04	2.46	3.28

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Mar23 Xcvt 20230331	03-2023	5.90	5.90	-
⊕ Us 10yr Note (Cbt)mar23 Xcvt 20230322	03-2023	4.72	10.62	-
United States Treasury Notes 3.875%	09-2029	2.53	13.15	-
United States Treasury Bonds 2%	11-2041	2.52	15.67	-
United States Treasury Notes 2.75%	08-2032	2.42	18.09	-
United States Treasury Notes 3.125%	08-2029	2.42	20.51	-
⊕ Us 2yr Note (Cbt) Mar23 Xcvt 20230331	03-2023	2.27	22.78	-
⊕ Federal National Mortgage Association 2.5%	03-2062	1.76	24.54	-
United States Treasury Notes 4.5%	11-2024	1.68	26.23	-
Mexico (United Mexican States) 8.5%	05-2029	1.68	27.90	-

## Total Holdings 724

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.41 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.76 is 27.62% lower than the Commodities Broad Basket category average.

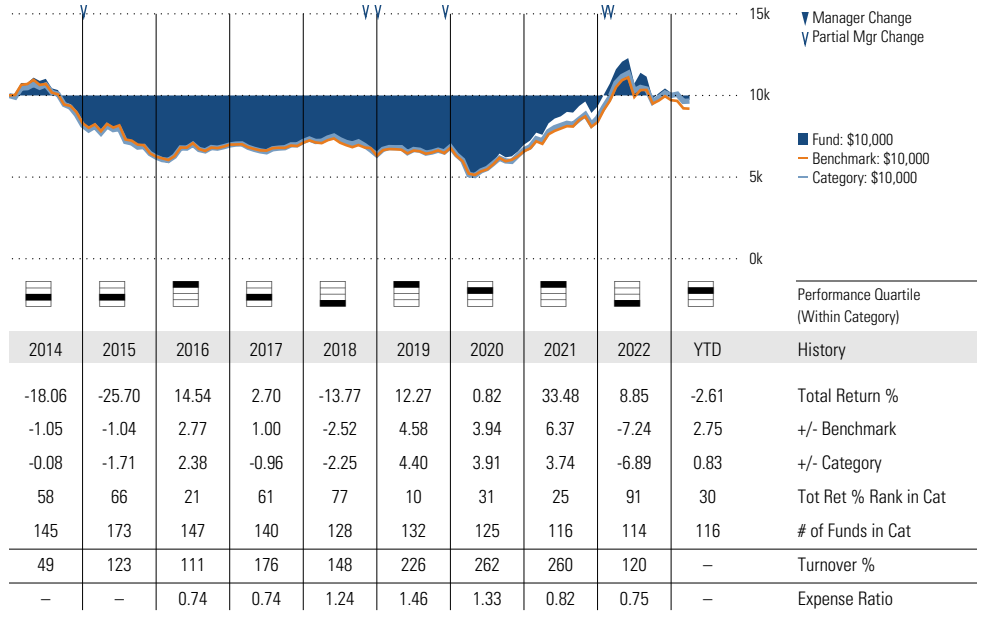
## Morningstar Investment Management LLC Analysis

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

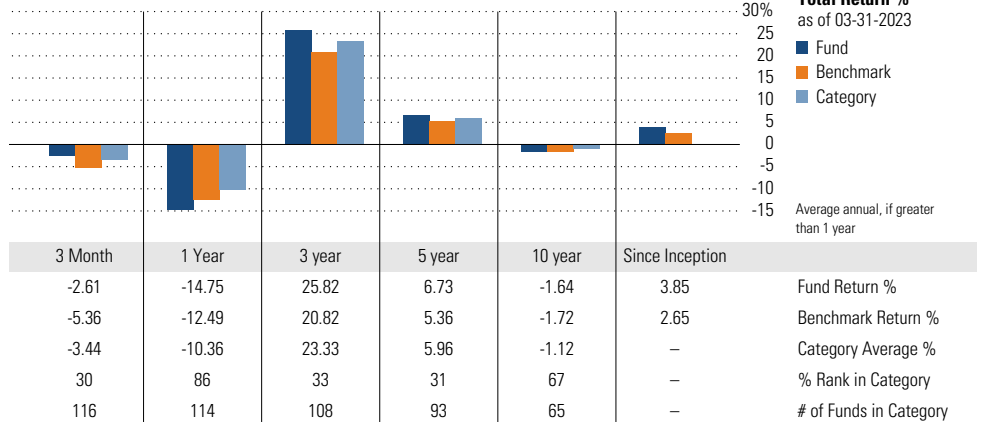
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	12-31-2022

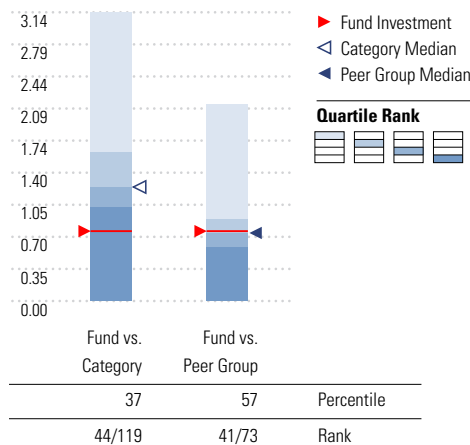
## Growth of \$10,000



## 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	1.57	-	3.14
Beta	1.12	-	0.97
R-Squared	94.99	-	82.42
Standard Deviation	18.27	15.88	17.28
Sharpe Ratio	1.26	1.19	1.26
Tracking Error	4.52	-	6.83
Information Ratio	0.96	-	0.37
Up Capture Ratio	113.44	-	102.74
Down Capture Ratio	105.65	-	90.61

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	7.93
Price/Book Ratio	1.51	-	1.87
Geom Avg Mkt Cap \$B	20.09	-	44.07
ROE	16.78	-	27.17

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

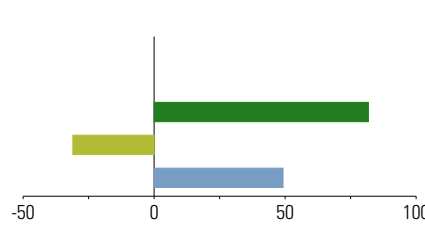
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™

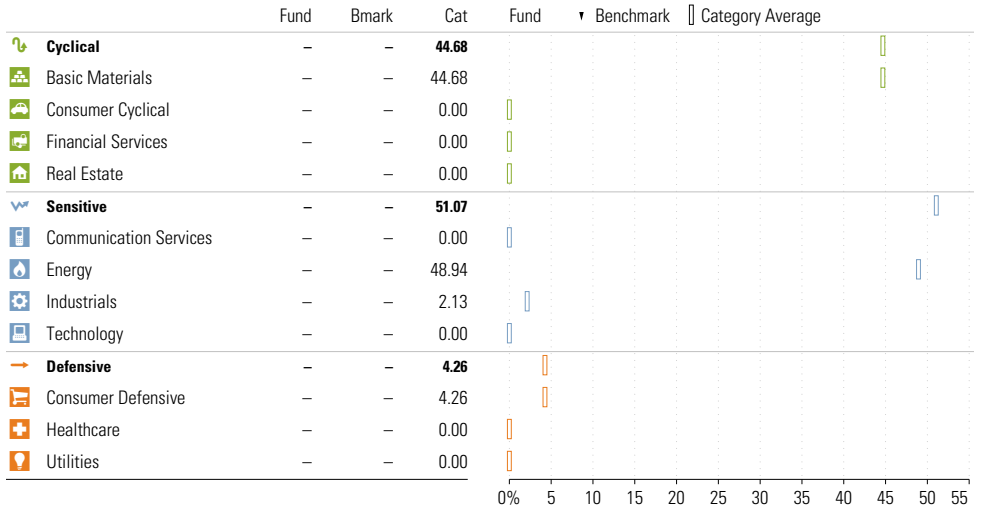


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	0.00	0.62
Non-US Stocks	0.00	0.76
Bonds	81.78	39.86
Cash	-31.00	50.62
Other	49.21	8.14
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Style Breakdown



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ 5 Year Treasury Note Future Mar 23	24.31	24.31	-	-
⊖ 2 Year Treasury Note Future Mar 23	18.13	42.44	-	-
✳ Cash Offset	16.46	58.90	-	-
⊖ Euro Schatz Future Mar 23	13.61	72.51	-	-
⊖ United States Treasury Notes 0.125%	12.16	84.67	-	-
⊖ 10 Year Treasury Note Future Mar 23	12.01	96.68	-	-
⊕ 3 Month Euribor TAS Future Mar 23	9.75	106.43	-	-
⊖ United States Treasury Notes 0.625%	9.70	116.12	-	-
⊖ U S TIPS REV REPO	9.31	125.43	-	-
⊖ U S TIPS REV REPO	8.88	134.31	-	-
⊕ TRS R 4.19/91282CDC2 MYC	7.79	142.10	-	-
⊕ Pimco Cayman Cmdty Fd Ltd Instl	7.24	149.34	-	-
⊕ United States Treasury Notes 0.125%	7.20	156.55	-	-
⊕ United States Treasury Notes 0.125%	6.28	162.82	-	-
⊖ US Treasury Bond Future Mar 23	5.85	168.67	-	-

**Total Holdings 874**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# State St Russell Lg Cap Gr® Indx NL CI C

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Management Team since 07-1999

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.76 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 0.04 is 95.35% lower than the Large Growth category average.

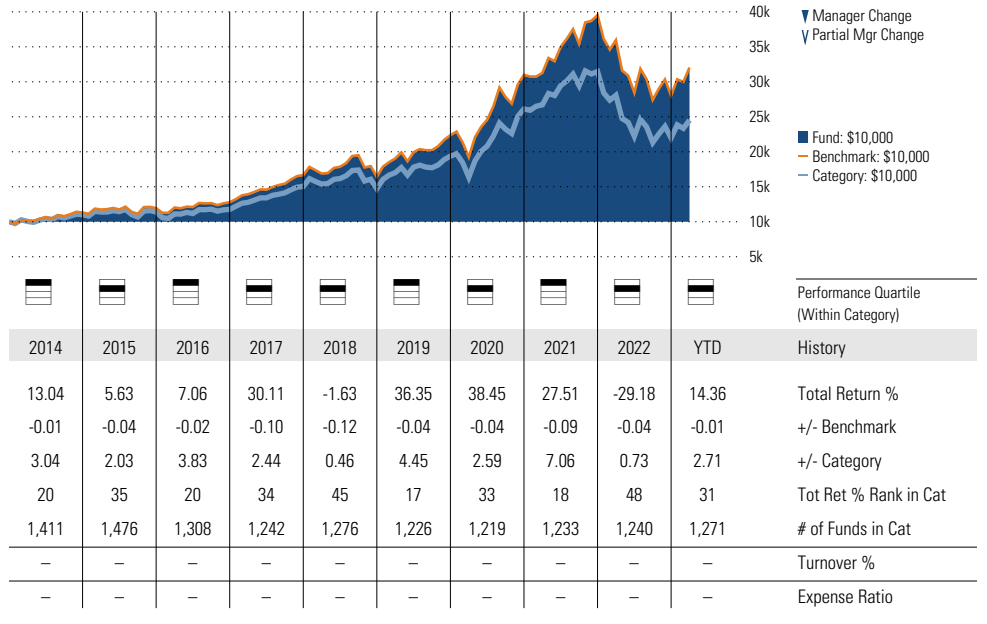
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022

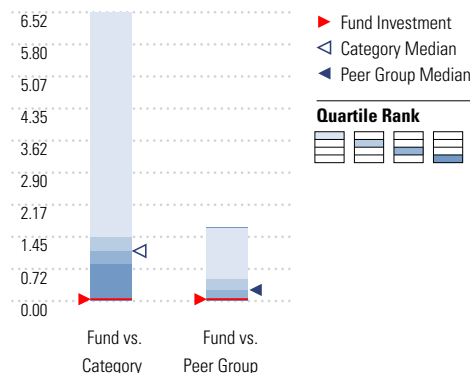
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.07	-	-2.64
Beta	1.00	-	0.98
R-Squared	100.00	-	95.99
Standard Deviation	23.05	23.06	23.18
Sharpe Ratio	0.80	0.80	0.68
Tracking Error	0.03	-	4.30
Information Ratio	-2.54	-	-0.91
Up Capture Ratio	99.87	-	92.73
Down Capture Ratio	100.07	-	99.77

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.97	25.33	25.60
Price/Book Ratio	9.07	8.50	6.47
Geom Avg Mkt Cap \$B	278.39	241.97	295.21
ROE	39.15	39.31	33.93

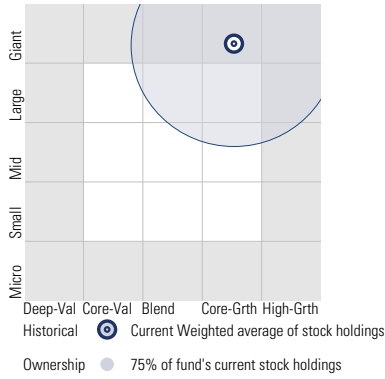
# State St Russell Lg Cap Gr® Indx NL CI C

**Morningstar Category**  
Large Growth

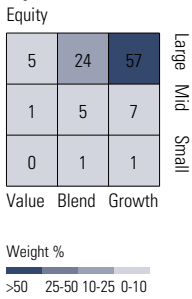
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 03-31-2023

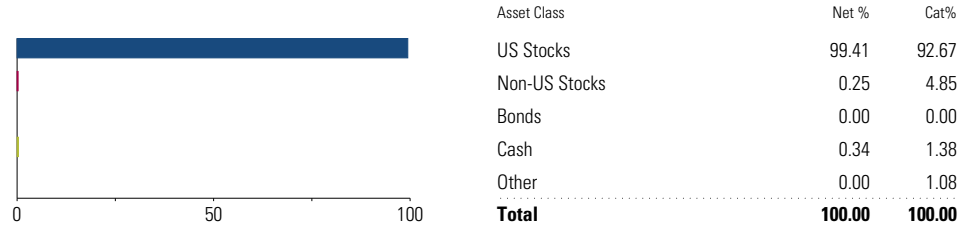
Morningstar Style Box™



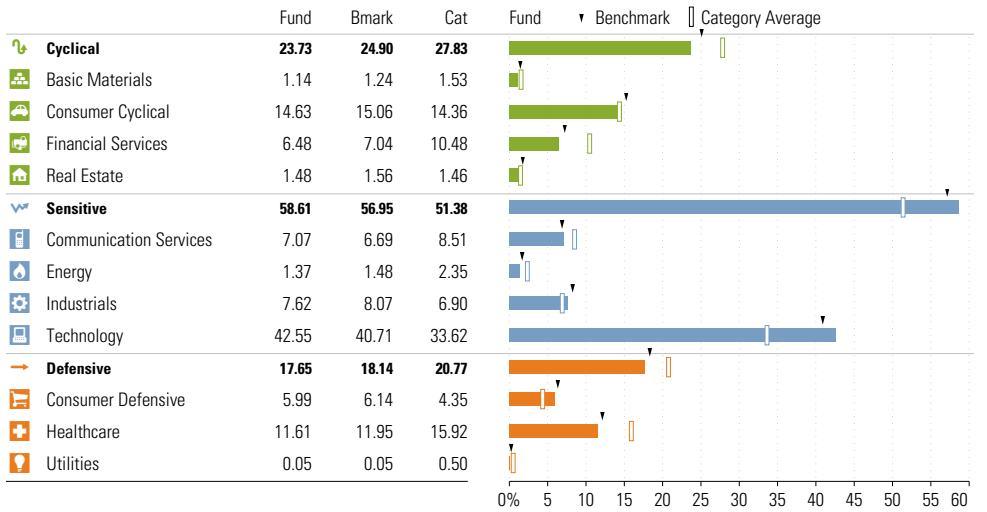
## Style Breakdown



## Asset Allocation as of 03-31-2023



## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	12.62	12.62	27.09	Technology
⊕ Microsoft Corp	10.99	23.61	20.50	Technology
⊕ Amazon.com Inc	4.67	28.28	22.96	Consumer Cyclical
⊖ NVIDIA Corp	3.35	31.63	90.10	Technology
⊕ Alphabet Inc Class A	2.76	34.39	17.57	Communication Svc
⊕ Tesla Inc	2.73	37.12	68.42	Consumer Cyclical
⊖ Alphabet Inc Class C	2.41	39.53	17.21	Communication Svc
⊕ UnitedHealth Group Inc	2.05	41.58	-10.55	Healthcare
⊖ Visa Inc Class A	1.87	43.45	8.74	Financial Services
⊕ Mastercard Inc Class A	1.57	45.02	4.67	Financial Services
⊕ AbbVie Inc	1.43	46.45	-0.47	Healthcare
⊕ Broadcom Inc	1.29	47.74	15.56	Technology
⊕ Eli Lilly and Co	1.20	48.94	-5.82	Healthcare
⊕ Costco Wholesale Corp	1.12	50.07	9.04	Consumer Defensive
⊕ PepsiCo Inc	1.09	51.15	1.54	Consumer Defensive

**Total Holdings 513**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# State St Russell Sm Cp® Val Indx NL CI C

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Management Team since 09-2009

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.58 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95.28% lower than the Small Value category average.

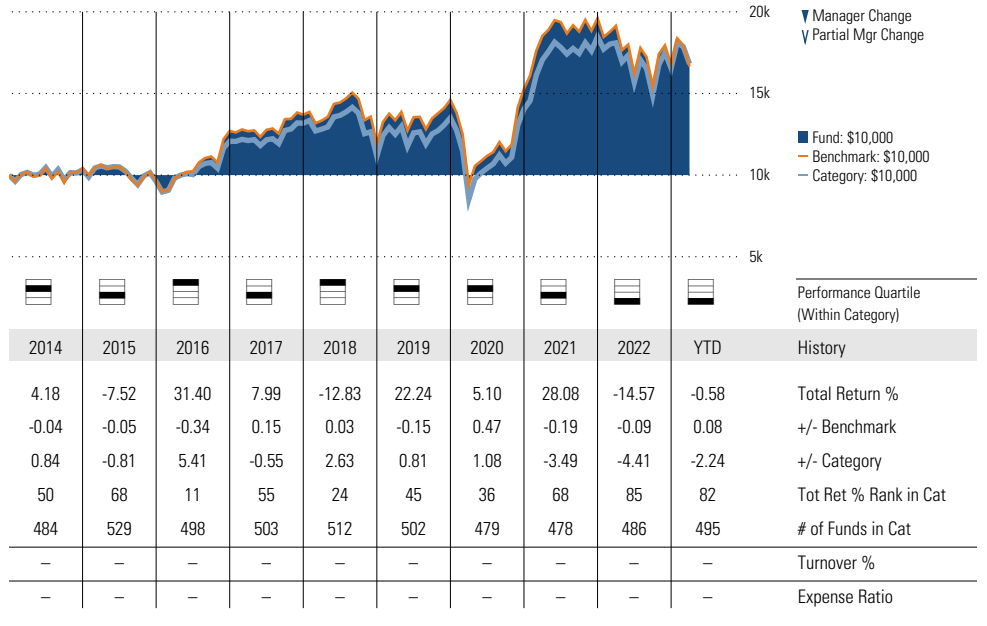
## Morningstar Investment Management LLC Analysis

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

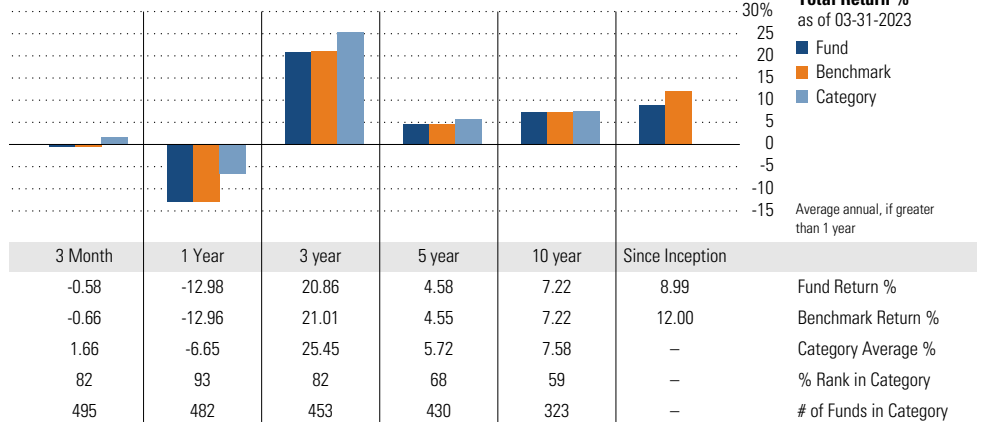
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

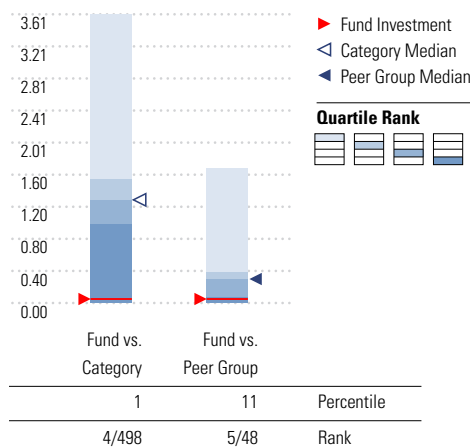
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.11	-	2.86
Beta	1.00	-	0.97
R-Squared	100.00	-	95.90
Standard Deviation	23.00	23.03	22.76
Sharpe Ratio	0.89	0.89	0.99
Tracking Error	0.12	-	4.09
Information Ratio	-1.32	-	0.01
Up Capture Ratio	99.80	-	101.02
Down Capture Ratio	100.20	-	92.56

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	9.46	10.00	10.53
Price/Book Ratio	1.24	1.33	1.49
Geom Avg Mkt Cap \$B	1.84	1.94	3.66
ROE	6.92	7.30	16.75

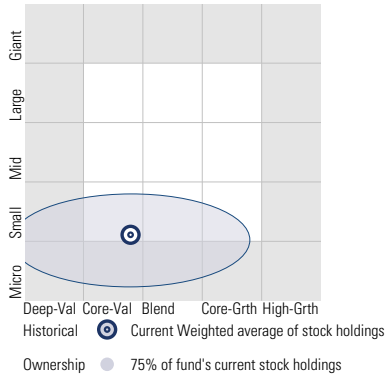
# State St Russell Sm Cp® Val Indx NL CI C

**Morningstar Category**  
Small Value

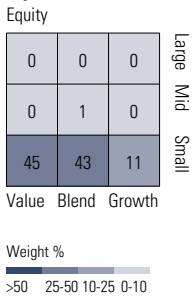
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 03-31-2023

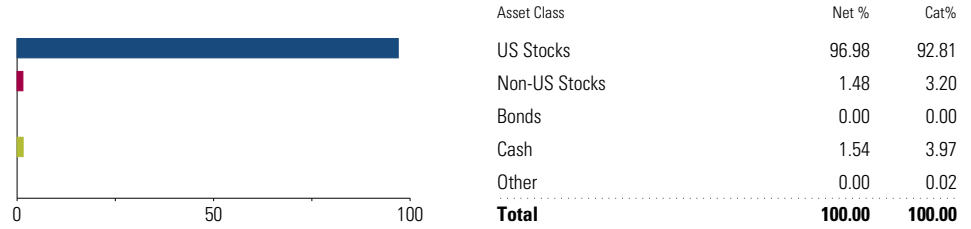
Morningstar Style Box™



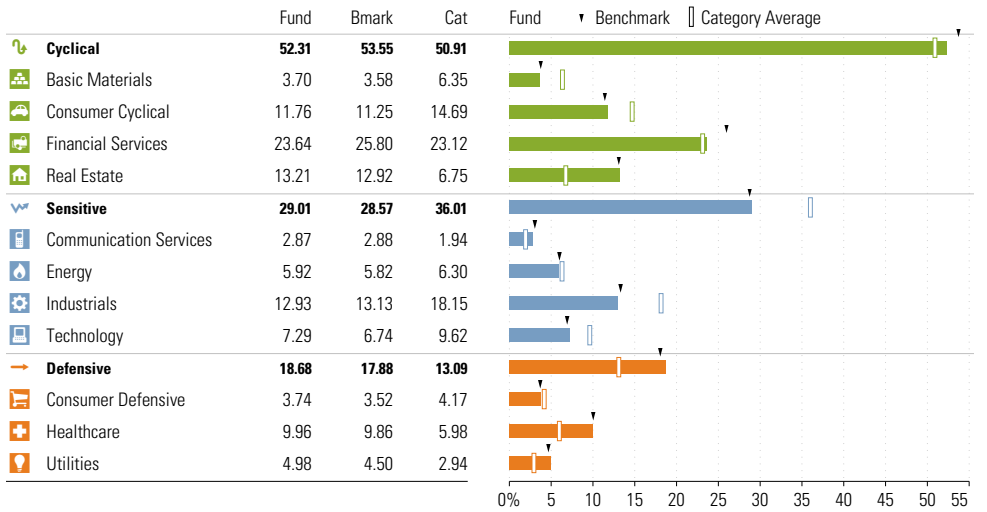
## Style Breakdown



## Asset Allocation as of 03-31-2023



## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
State Street Corporation Short Term Investment Fund	1.41	1.41	-	-
E-Mini Russ 2000 Jun23 Xcme 20230616	1.29	2.70	-	-
Stag Industrial Inc	0.54	3.24	5.81	Real Estate
Agree Realty Corp	0.52	3.77	-2.26	Real Estate
RBC Bearings Inc	0.50	4.27	11.17	Industrials
Selective Insurance Group Inc	0.50	4.77	7.92	Financial Services
Light & Wonder Inc Ordinary Shares	0.50	5.27	2.47	Consumer Cyclical
SouthState Corp	0.47	5.74	-6.02	Financial Services
Terreno Realty Corp	0.46	6.20	14.30	Real Estate
Civitas Resources Inc Ordinary Shares	0.44	6.64	21.68	Energy
Academy Sports and Outdoors Inc Ordinary Shares	0.43	7.07	24.36	Consumer Cyclical
Ryman Hospitality Properties Inc	0.43	7.50	10.64	Real Estate
Commercial Metals Co	0.42	7.92	1.90	Basic Materials
New Jersey Resources Corp	0.41	8.33	8.00	Utilities
APi Group Corp	0.41	8.74	19.51	Industrials

**Total Holdings 1335**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Donald Butler since 04-2016  
Michelle Louie since 11-2017

## 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 6.93 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.04 is 94.74% 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	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-0.27
Beta	1.00	-	0.94
R-Squared	100.00	-	94.87
Standard Deviation	19.23	19.23	18.62
Sharpe Ratio	0.92	0.92	0.88
Tracking Error	0.01	-	3.97
Information Ratio	-4.38	-	-1.04
Up Capture Ratio	99.95	-	93.75
Down Capture Ratio	100.07	-	94.82

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.63	19.90	18.81
Price/Book Ratio	3.78	3.64	3.46
Geom Avg Mkt Cap \$B	188.91	170.30	224.69
ROE	29.80	29.71	27.68

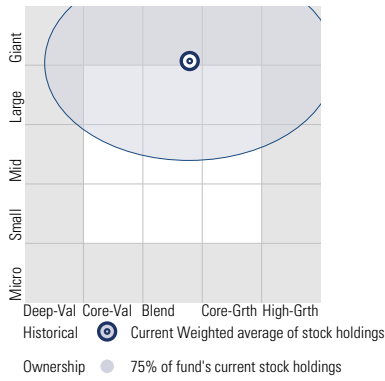
# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

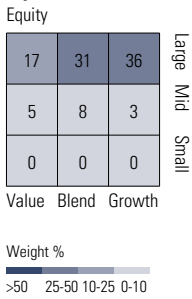
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2023



## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	7.12	7.12	27.09	Technology
Microsoft Corp	6.23	13.36	20.50	Technology
Amazon.com Inc	2.68	16.03	22.96	Consumer Cyclical
NVIDIA Corp	1.99	18.02	90.10	Technology
Alphabet Inc Class A	1.79	19.81	17.57	Communication Svc
Tesla Inc	1.62	21.43	68.42	Consumer Cyclical
Berkshire Hathaway Inc Class B	1.62	23.05	-0.04	Financial Services
Alphabet Inc Class C	1.57	24.62	17.21	Communication Svc
Meta Platforms Inc Class A	1.37	25.99	76.12	Communication Svc
Exxon Mobil Corp	1.31	27.30	0.24	Energy
UnitedHealth Group Inc	1.28	28.58	-10.55	Healthcare
Johnson & Johnson	1.18	29.76	-11.62	Healthcare
JPMorgan Chase & Co	1.11	30.87	-2.08	Financial Services
Visa Inc Class A	1.06	31.93	8.74	Financial Services
Procter & Gamble Co	1.02	32.95	-1.29	Consumer Defensive

**Total Holdings 509**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.11 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 0.07 is 92.13% lower than the Foreign Large Blend category average.

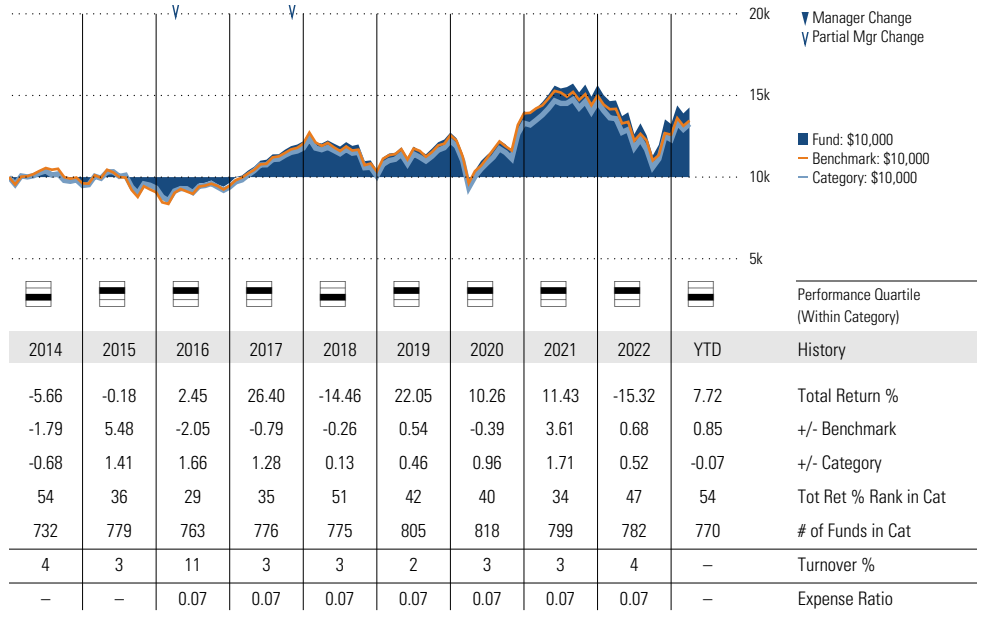
## Morningstar Investment Management LLC Analysis

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

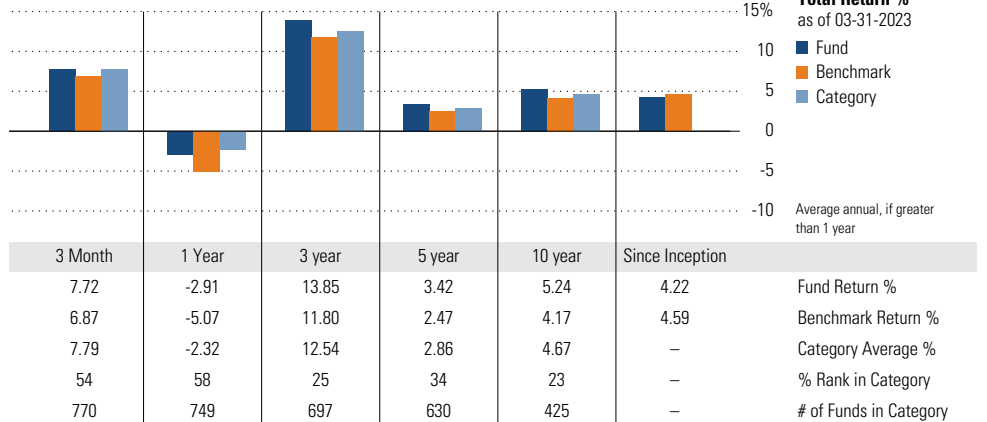
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

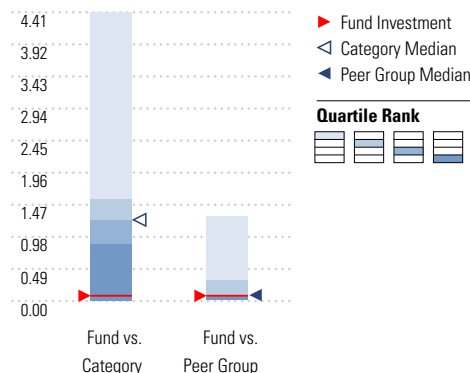
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.08	-	0.60
Beta	1.09	-	1.03
R-Squared	96.13	-	93.21
Standard Deviation	19.22	17.35	18.58
Sharpe Ratio	0.71	0.66	0.68
Tracking Error	4.06	-	4.87
Information Ratio	0.51	-	0.22
Up Capture Ratio	113.12	-	106.57
Down Capture Ratio	110.42	-	105.88

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.90	12.70	13.48
Price/Book Ratio	1.55	1.66	1.77
Geom Avg Mkt Cap \$B	29.03	41.43	52.17
ROE	16.33	17.72	19.32

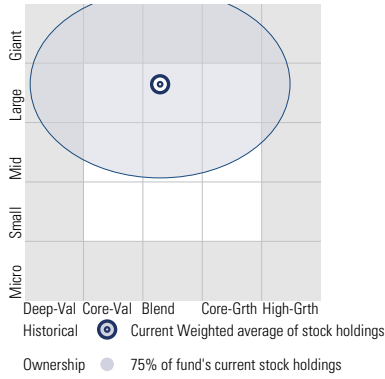
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

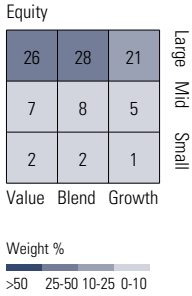
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2023

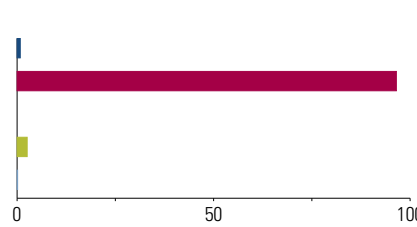
Morningstar Style Box™



## Style Breakdown

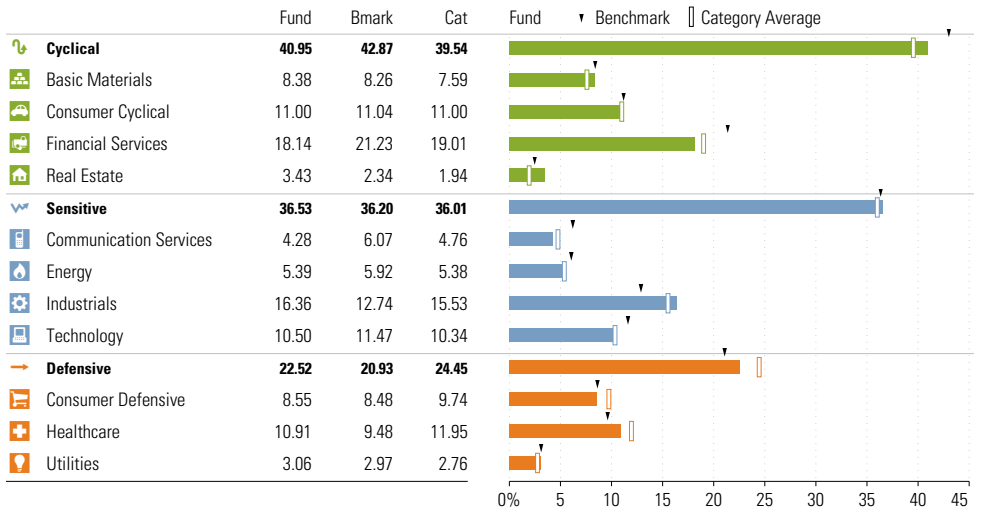


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	0.80	3.05
Non-US Stocks	96.50	94.40
Bonds	0.00	0.28
Cash	2.56	1.03
Other	0.13	1.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## World Regions % Equity 03-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	35.68	35.05	Americas	10.46	8.50	Greater Europe	53.87	56.45	Developed Markets	99.43
Japan	20.43	17.81	North America	10.36	7.32	United Kingdom	12.05	13.67	Emerging Markets	0.57
Australasia	7.06	5.25	Central/Latin	0.10	1.18	W euro-ex UK	40.97	41.68	Not Available	0.00
Asia-4 Tigers	7.99	6.73				Emrgng Europe	0.27	0.08		
Asia-ex 4 Tigers	0.20	5.26				Africa	0.58	1.02		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Slcmt1142	1.72	1.72	-	-
Nestle SA	1.55	3.27	4.03	Consumer Defensive
ASML Holding NV	1.30	4.57	24.37	Technology
Novo Nordisk A/S Class B	1.17	5.74	16.63	Healthcare
Samsung Electronics Co Ltd	1.14	6.88	-	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.07	7.95	24.19	Consumer Cyclical
AstraZeneca PLC	0.97	8.92	1.58	Healthcare
Shell PLC	0.94	9.85	0.28	Energy
Roche Holding AG	0.94	10.79	-6.90	Healthcare
Novartis AG Registered Shares	0.86	11.65	4.03	Healthcare

**Total Holdings 4087**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Michael Perre since 08-2008  
Jeffrey Miller since 02-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts 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 14.59 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 87.83% lower than the Diversified Emerging Mkts category average.

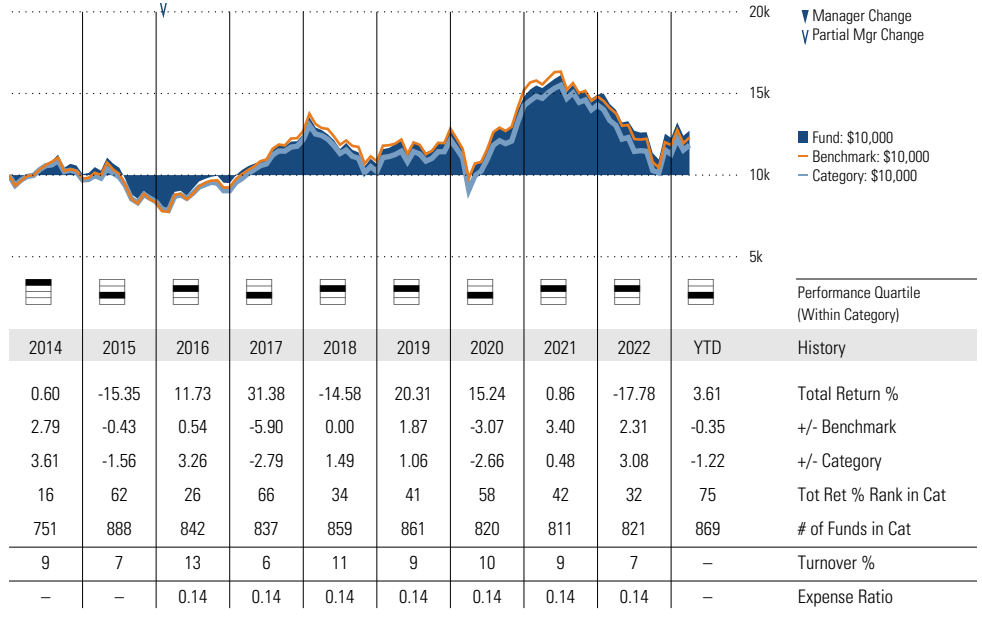
## Morningstar Investment Management LLC Analysis

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

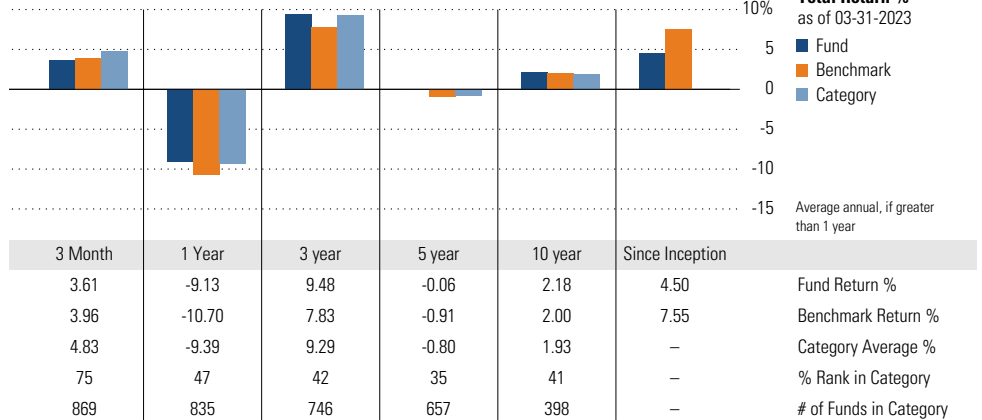
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

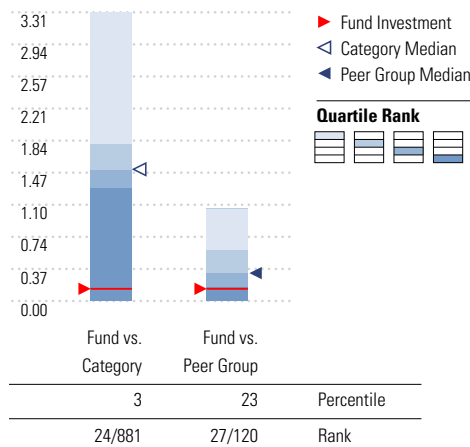
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.02	-	1.04
Beta	0.92	-	0.97
R-Squared	97.77	-	87.48
Standard Deviation	17.60	18.85	19.69
Sharpe Ratio	0.53	0.43	0.46
Tracking Error	3.00	-	6.78
Information Ratio	0.55	-	0.08
Up Capture Ratio	98.36	-	102.40
Down Capture Ratio	90.62	-	100.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	11.60	10.77	12.24
Price/Book Ratio	1.65	1.57	1.86
Geom Avg Mkt Cap \$B	21.08	34.04	43.04
ROE	17.43	17.99	18.95

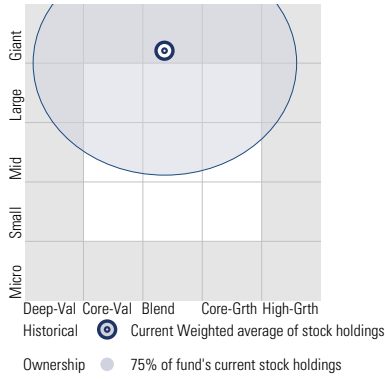
# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**  
Diversified Emerging Mkts

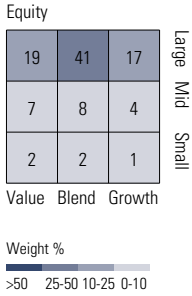
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 03-31-2023

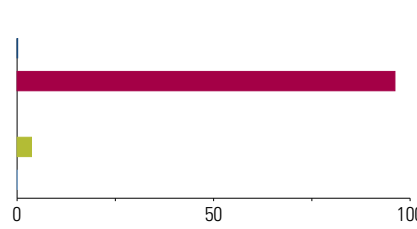
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	0.15	2.90
Non-US Stocks	96.14	95.11
Bonds	0.00	0.01
Cash	3.66	2.14
Other	0.05	-0.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>45.47</b>	<b>45.21</b>	<b>44.77</b>			
Basic Materials	9.16	8.83	6.76			
Consumer Cyclical	13.25	12.84	14.23			
Financial Services	20.14	21.62	22.07			
Real Estate	2.92	1.92	1.71			
<b>Sensitive</b>	<b>40.10</b>	<b>41.87</b>	<b>40.71</b>			
Communication Services	10.11	10.70	8.74			
Energy	4.95	4.75	4.81			
Industrials	8.06	6.11	6.28			
Technology	16.98	20.31	20.88			
<b>Defensive</b>	<b>14.44</b>	<b>12.92</b>	<b>14.52</b>			
Consumer Defensive	6.50	6.27	7.90			
Healthcare	4.74	4.12	4.88			
Utilities	3.20	2.53	1.74			

## World Regions % Equity 03-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	76.92	75.32	Americas	9.54	14.25	Greater Europe	13.55	10.42	Developed Markets	22.52
Japan	0.00	0.09	North America	0.14	2.76	United Kingdom	0.00	0.72	Emerging Markets	77.48
Australasia	0.00	0.03	Central/Latin	9.40	11.49	W euro-ex UK	0.59	1.96	Not Available	0.00
Asia-4 Tigers	18.31	25.78				Emrgng Europe	1.52	1.43		
Asia-ex 4 Tigers	58.61	49.42				Africa	11.44	6.31		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	4.97	4.97	19.45	Technology
⊖ Tencent Holdings Ltd	4.06	9.02	19.46	Communication Svc
⊖ Alibaba Group Holding Ltd Ordinary Shares	2.58	11.60	12.75	Consumer Cyclical
⊕ Mktliq 12/31/2049	1.59	13.19	-	-
⊕ Slbbh1142	1.59	14.78	-	-
⊖ Reliance Industries Ltd	1.29	16.06	-8.49	Energy
⊖ Meituan Class B	1.18	17.24	-20.39	Consumer Cyclical
⊖ Taiwan Semiconductor Manufacturing Co Ltd ADR	0.89	18.13	25.48	Technology
⊖ Infosys Ltd	0.86	18.99	-5.32	Technology
⊖ Vale SA	0.85	19.85	-7.61	Basic Materials

**Total Holdings 4747**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

Michael Hong since 02-2008  
Elizabeth Shortsleeve since 08-2022  
Michael Chang since 08-2022

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.13 years.

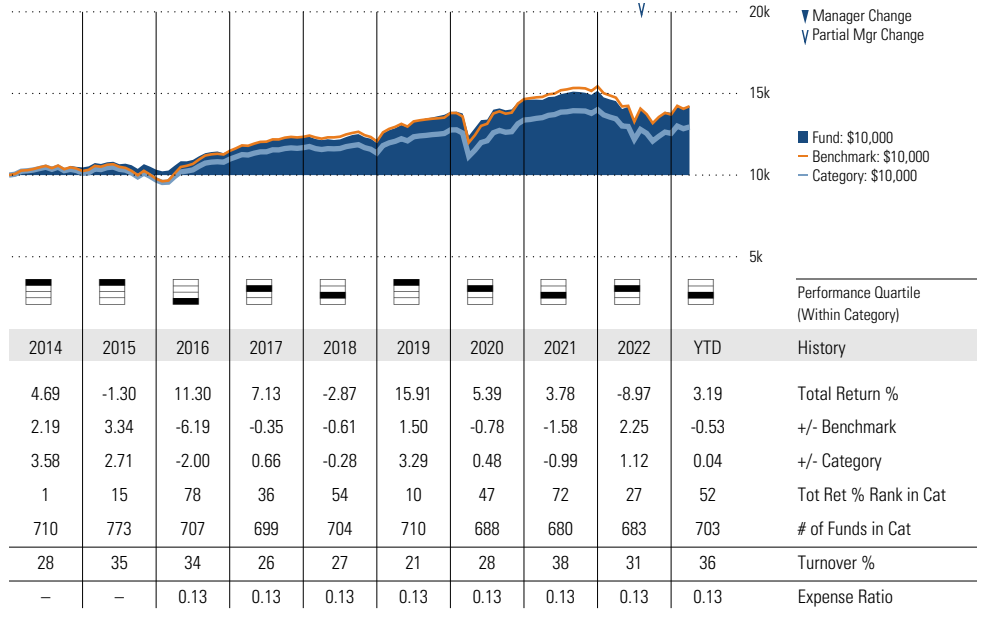
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 85.39% lower than the High Yield Bond category average.

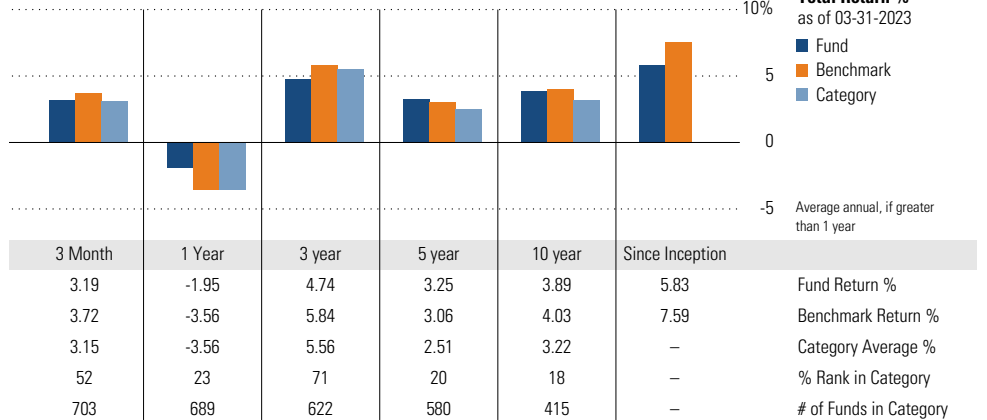
## Morningstar Investment Management LLC Analysis

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

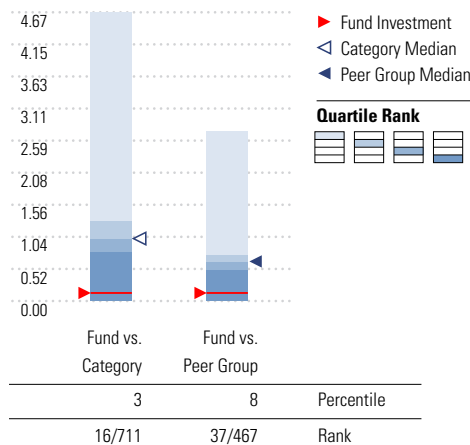
## Growth of \$10,000



## Trailing Performance



## Net Expense



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	-0.75	-	0.30
Beta	0.94	-	0.91
R-Squared	97.57	-	93.70
Standard Deviation	8.64	9.03	8.44
Sharpe Ratio	0.45	0.54	0.57
Tracking Error	1.44	-	2.13
Information Ratio	-0.77	-	-0.25
Up Capture Ratio	90.71	-	91.72
Down Capture Ratio	96.81	-	89.03

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.92	-	3.56
Avg Eff Maturity	5.60	-	5.66

# Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category**  
High Yield Bond

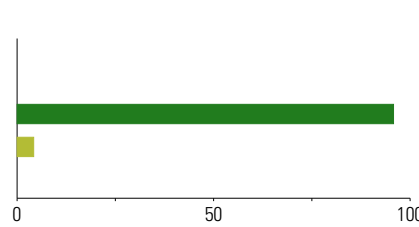
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 03-31-2023

### Style Breakdown



## Asset Allocation as of 03-31-2023

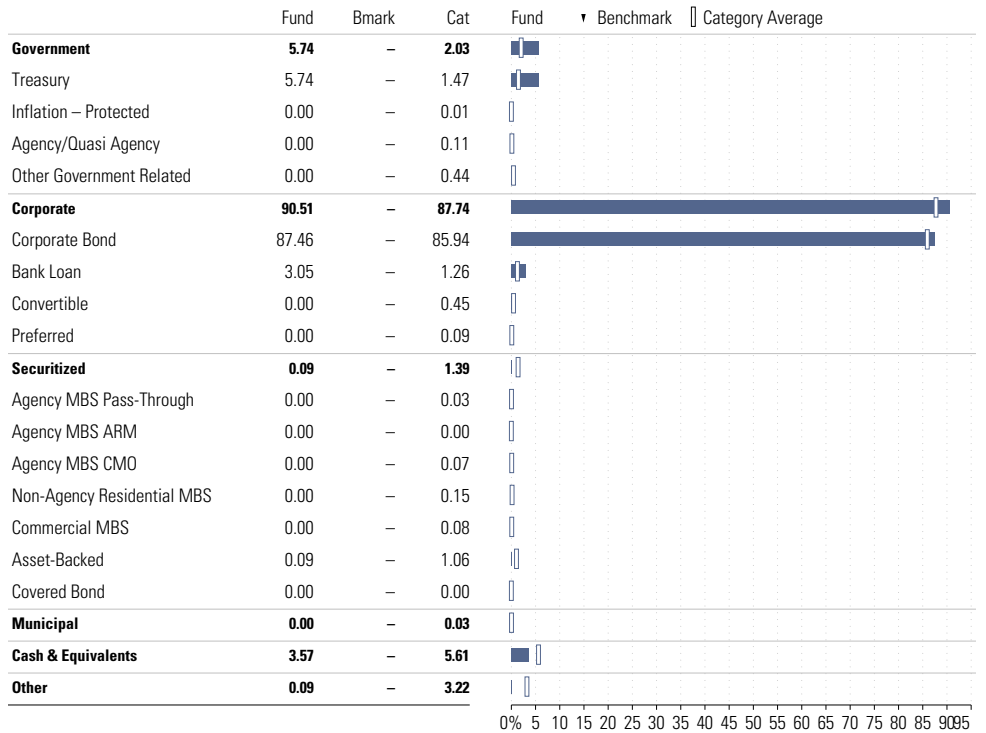


Asset Class	Net %	Cat%
US Stocks	0.00	0.57
Non-US Stocks	0.00	0.04
Bonds	95.78	93.07
Cash	4.22	4.76
Other	0.00	1.55
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	5.64	-	1.64
AA	2.19	-	0.06
A	0.10	-	0.16
BBB	5.90	-	5.35
BB	48.74	-	34.12
B	34.40	-	37.25
Below B	2.86	-	17.94
Not Rated	0.17	-	3.49

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes	-	1.12	1.12	-
⊖ Imola Merger Corp.	-	0.93	2.05	-
⊖ Herc Holdings Inc	-	0.77	2.83	-
⊕ Credit Agricole Triparty Tsy	-	0.77	3.59	-
United States Treasury Notes	-	0.74	4.33	-
Mozart Debt Merger Subordinated Inc.	-	0.69	5.03	-
⊕ T-Mobile US Inc	-	0.68	5.71	-
⊖ Td Triparty Mortgage	-	0.68	6.39	-
⊕ United States Treasury Notes	-	0.68	7.07	-
United States Treasury Bills	-	0.67	7.74	-

**Total Holdings 793**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

John Madziyire since 11-2021

## Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 82.76% lower than the Inflation-Protected Bond category average.

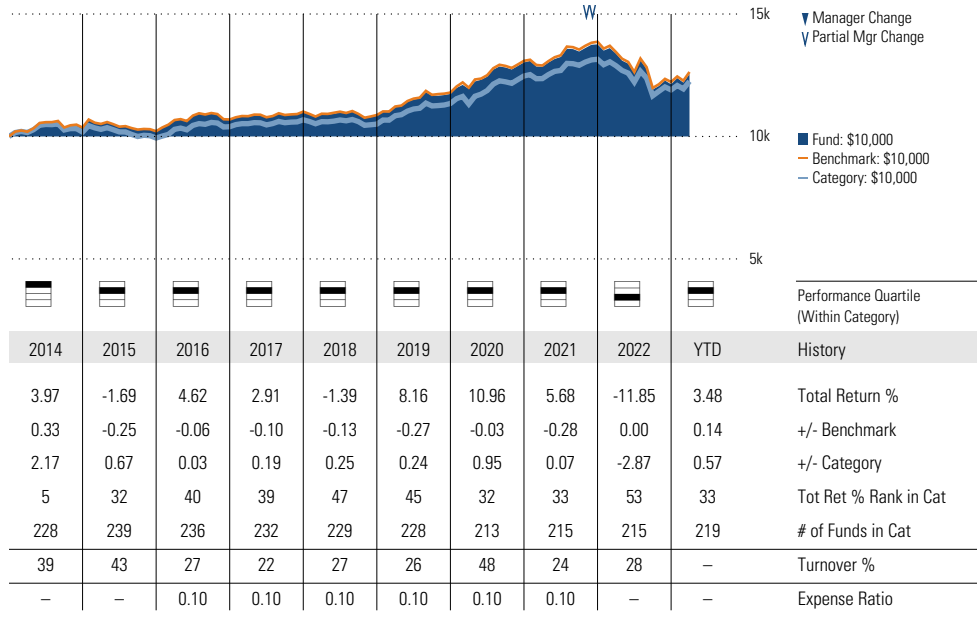
## Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen; however, the current manager has earned results consistent with those of his predecessor.

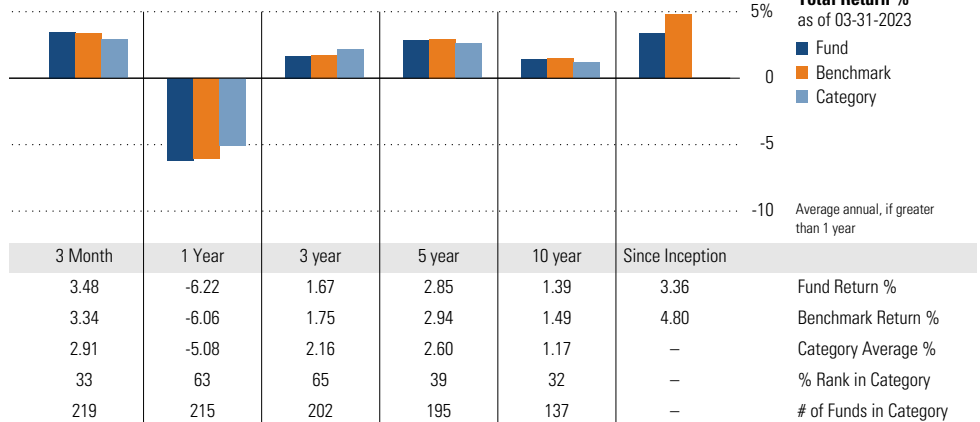
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023

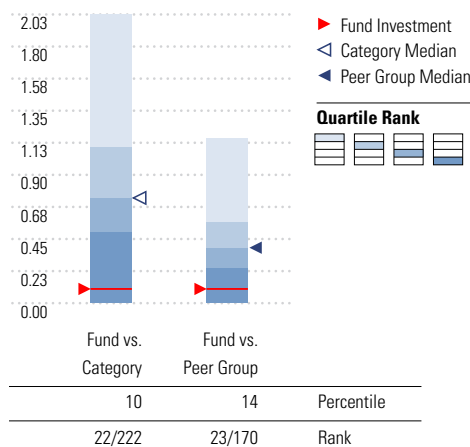
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.06	-	0.93
Beta	0.99	-	0.90
R-Squared	99.65	-	92.97
Standard Deviation	7.02	7.10	6.63
Sharpe Ratio	0.11	0.12	0.29
Tracking Error	0.43	-	2.03
Information Ratio	-0.20	-	0.14
Up Capture Ratio	98.51	-	94.57
Down Capture Ratio	99.21	-	84.84

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.52	6.46
Avg Eff Maturity	7.50	-	6.93

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

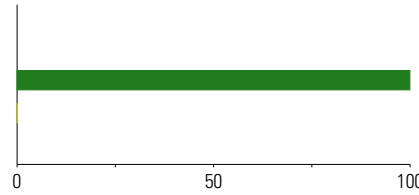
**Morningstar Index**  
Bloomberg US Treasury US TIPS TR USD

**Style Analysis** as of 03-31-2023

**Style Breakdown**



**Asset Allocation** as of 03-31-2023

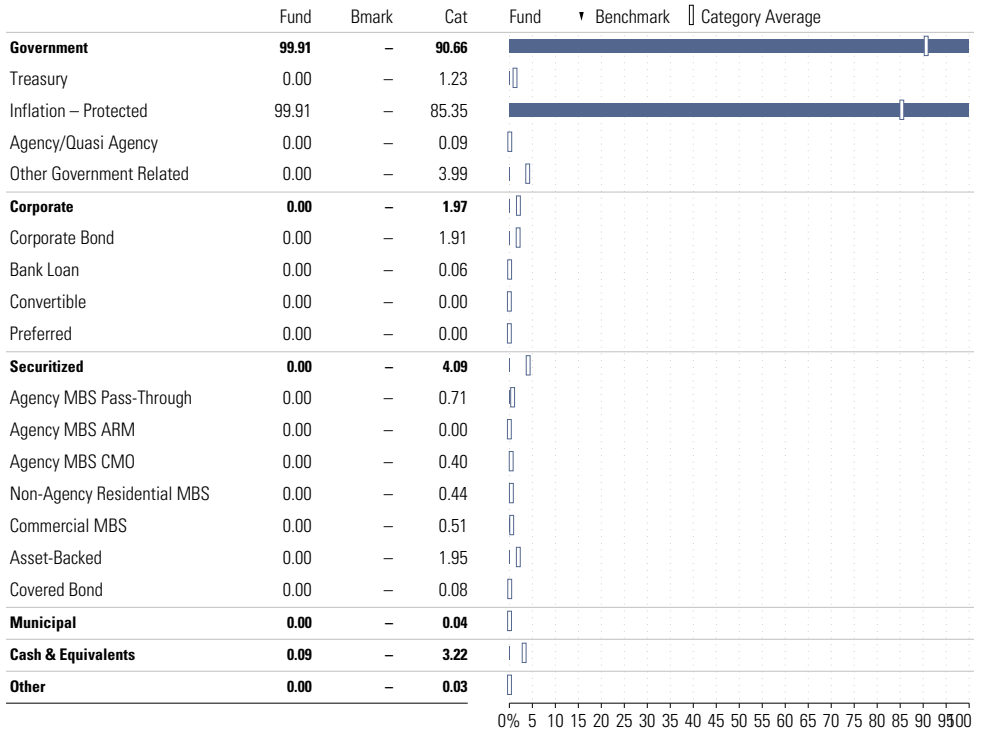


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	99.94	96.60
Cash	0.06	3.10
Other	0.00	0.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	99.14	0.00	97.23
AA	0.00	99.60	0.21
A	0.00	0.00	0.52
BBB	0.00	0.00	0.98
BB	0.00	0.00	0.12
B	0.00	0.00	0.04
Below B	0.00	0.00	0.01
Not Rated	0.86	0.40	0.89

**Sector Weighting** as of 03-31-2023



**Top 10 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	-	3.91	3.91	-
⊖ United States Treasury Notes	-	3.60	7.51	-
⊕ United States Treasury Notes	-	3.54	11.04	-
⊖ United States Treasury Notes	-	3.33	14.38	-
United States Treasury Notes	-	3.25	17.62	-
⊕ United States Treasury Notes	-	3.15	20.77	-
⊕ United States Treasury Notes	-	3.13	23.91	-
United States Treasury Notes	-	3.01	26.91	-
⊖ United States Treasury Notes	-	3.00	29.92	-
United States Treasury Notes	-	2.98	32.89	-

**Total Holdings 50**

⊕ 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

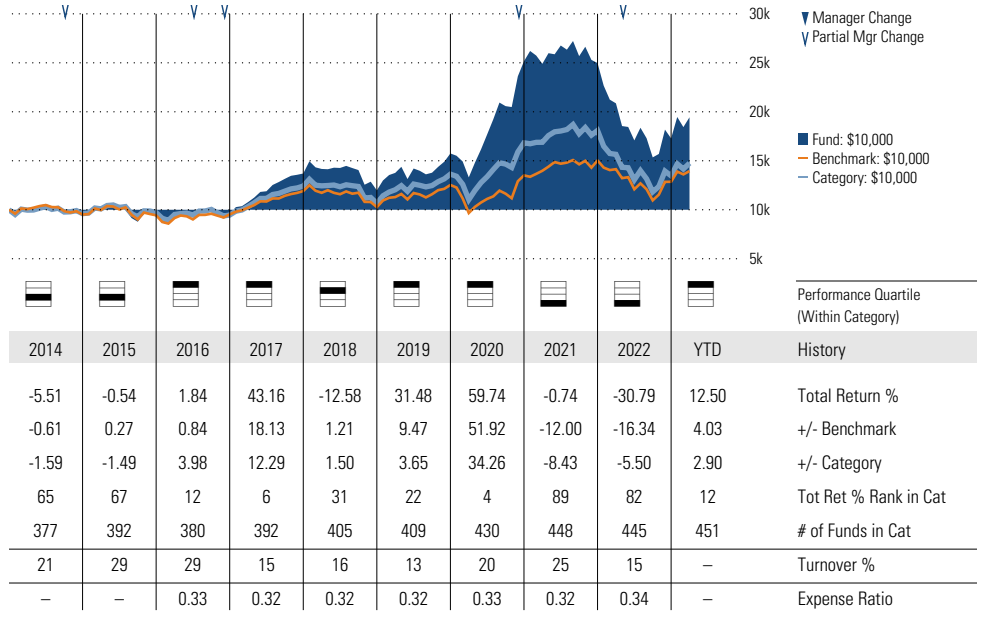
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.26 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 0.34 is 67.62% lower than the Foreign Large Growth category average.

## Growth of \$10,000



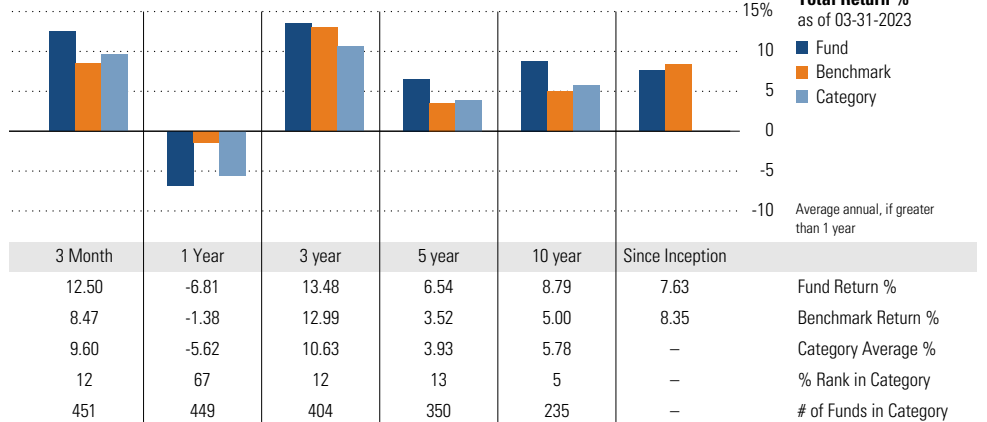
## Morningstar Investment Management LLC Analysis

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.

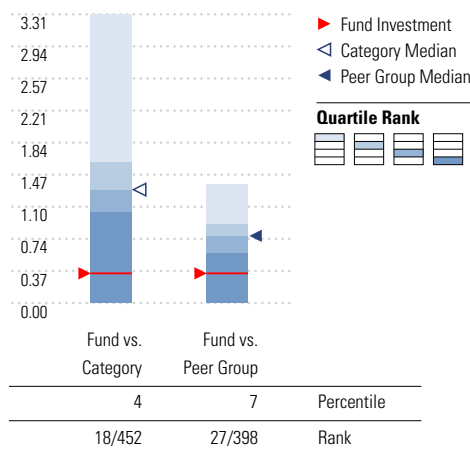
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
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

	Fund	Bmark	Cat
Alpha	-0.88	-	-2.31
Beta	1.20	-	1.04
R-Squared	74.87	-	83.47
Standard Deviation	25.16	18.16	20.74
Sharpe Ratio	0.58	0.70	0.53
Tracking Error	13.12	-	8.56
Information Ratio	0.04	-	-0.29
Up Capture Ratio	110.55	-	101.98
Down Capture Ratio	114.34	-	114.93

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.37	13.67	19.87
Price/Book Ratio	3.52	1.68	3.08
Geom Avg Mkt Cap \$B	58.21	45.57	55.43
ROE	16.22	17.90	20.63

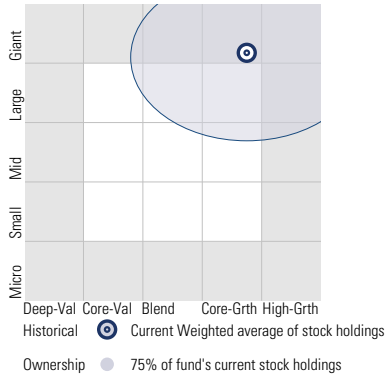
# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

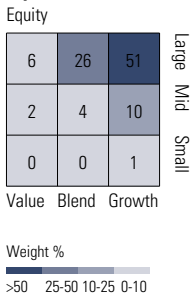
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2023

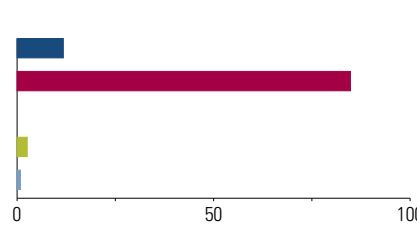
Morningstar Style Box™



## Style Breakdown

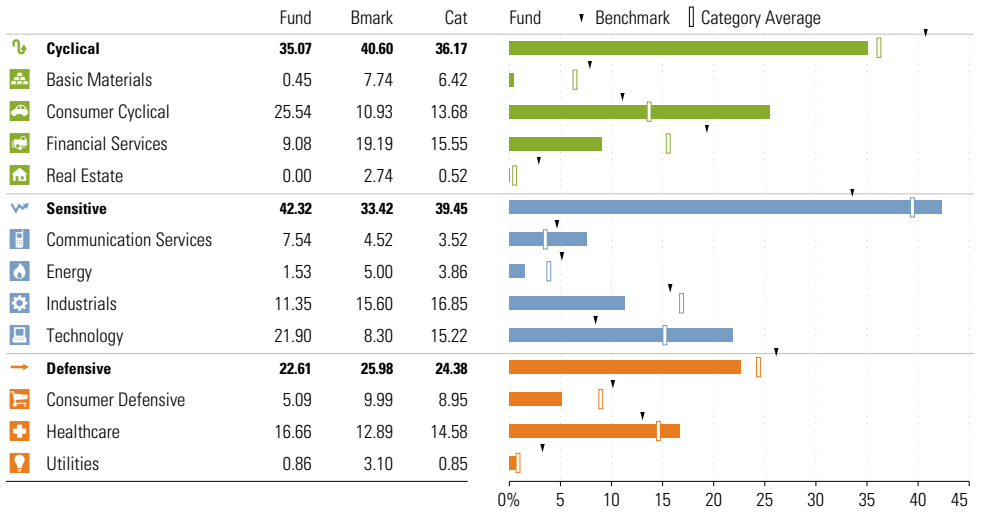


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	11.76	6.40
Non-US Stocks	84.82	91.07
Bonds	0.00	0.02
Cash	2.57	1.90
Other	0.84	0.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## World Regions % Equity 03-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	28.07	27.53	Americas	20.10	14.23	Greater Europe	51.82	58.24	Developed Markets	80.63
Japan	7.03	11.13	North America	13.35	12.15	United Kingdom	5.92	12.57	Emerging Markets	19.37
Australasia	0.90	1.73	Central/Latin	6.75	2.08	W euro-ex UK	44.63	45.01	Not Available	0.00
Asia-4 Tigers	7.52	6.47				Emrgng Europe	0.00	0.02		
Asia-ex 4 Tigers	12.62	8.20				Africa	1.27	0.64		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ MercadoLibre Inc	5.45	5.45	55.75	Consumer Cyclical
⊖ ASML Holding NV	5.26	10.71	24.37	Technology
⊕ Adyen NV	3.77	14.49	13.26	Technology
⊖ Tencent Holdings Ltd	3.30	17.79	19.46	Communication Svc
Moderna Inc	3.16	20.95	-14.50	Healthcare
⊖ Taiwan Semiconductor Manufacturing Co Ltd	3.09	24.04	19.45	Technology
⊖ Kering SA	3.08	27.12	27.13	Consumer Cyclical
⊖ Spotify Technology SA	2.72	29.84	69.25	Communication Svc
Genmab A/S	2.03	31.87	-11.97	Healthcare
⊖ Vestas Wind Systems A/S	1.90	33.77	-1.53	Industrials

**Total Holdings 154**

⊕ 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 12.85 years.

✗ **Style:** The fund has landed in its primary style box — Large Value — 58.33 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 61.62% 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.

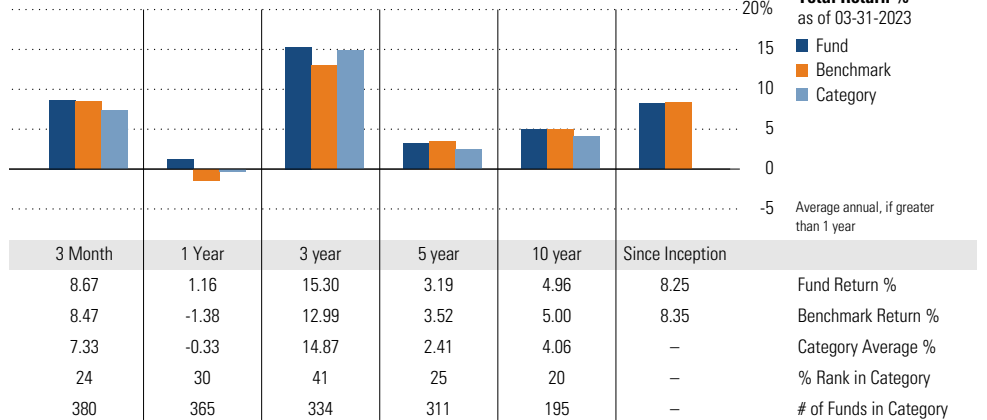
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

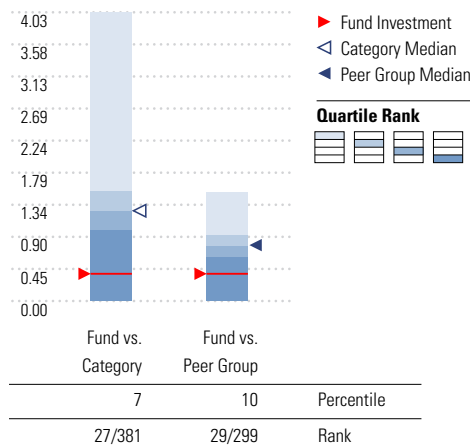
## Growth of \$10,000



## 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	1.97	-	2.09
Beta	1.02	-	0.99
R-Squared	91.94	-	88.72
Standard Deviation	19.28	18.16	19.08
Sharpe Ratio	0.77	0.70	0.76
Tracking Error	5.48	-	6.57
Information Ratio	0.42	-	0.28
Up Capture Ratio	103.03	-	101.20
Down Capture Ratio	94.25	-	92.76

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	13.76	13.67	10.03
Price/Book Ratio	1.69	1.68	1.22
Geom Avg Mkt Cap \$B	31.30	45.57	34.15
ROE	15.68	17.90	15.97

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	4.54	2.77
Non-US Stocks	91.60	95.29
Bonds	0.00	0.04
Cash	3.86	1.62
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## World Regions % Equity 03-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	39.94	31.16	Americas	10.39	8.54	Greater Europe	49.67	60.30	Developed Markets	80.64
Japan	11.28	16.96	North America	6.80	7.45	United Kingdom	15.78	17.60	Emerging Markets	19.36
Australasia	0.77	3.94	Central/Latin	3.59	1.09	W euro-ex UK	33.34	42.05	Not Available	0.00
Asia-4 Tigers	12.57	7.35				Emrgng Europe	0.00	0.12		
Asia-ex 4 Tigers	15.32	2.91				Africa	0.55	0.53		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Mktliq 12/31/2049	2.57	2.57	—	—
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.25	4.82	12.75	Consumer Cyclical
⊕ HSBC Holdings PLC	1.94	6.76	10.32	Financial Services
Airbus SE	1.64	8.40	11.04	Industrials
BP PLC	1.62	10.02	8.73	Energy
⊖ Holcim Ltd	1.57	11.59	23.02	Basic Materials
AIA Group Ltd	1.56	13.15	-4.78	Financial Services
RELX PLC	1.25	14.40	14.42	Industrials
Tencent Holdings Ltd	1.22	15.61	19.46	Communication Svc
Baidu Inc ADR	1.19	16.81	31.95	Communication Svc

**Total Holdings 211**

⊕ 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)

Donald Butler since 02-2013  
Awais Khan since 07-2021  
Aurélie Denis since 02-2023

## 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 has been in place for 10.11 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 93.52% lower than the Mid-Cap Growth category average.

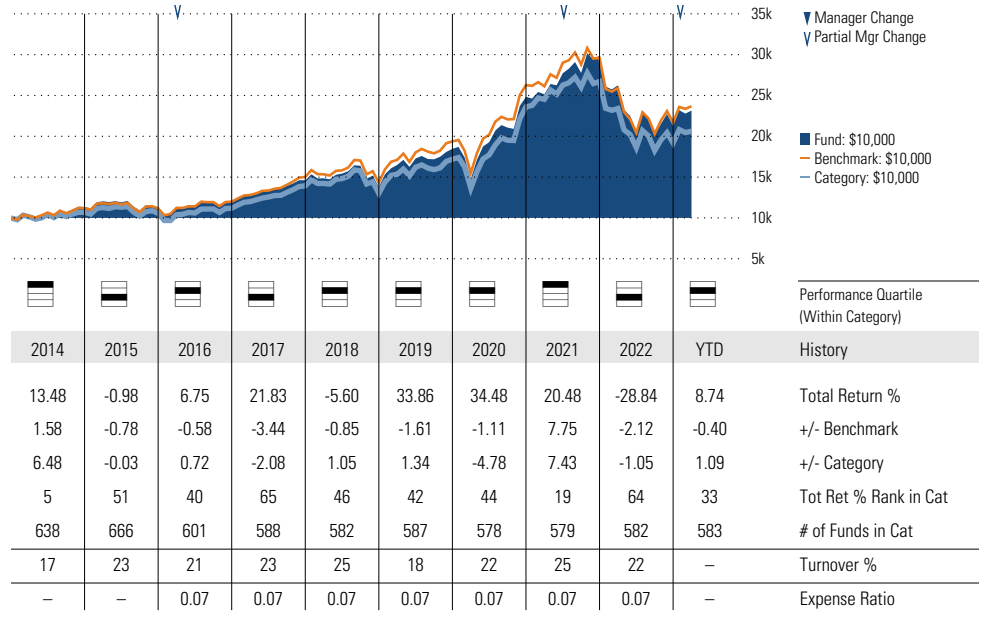
## Morningstar Investment Management LLC Analysis

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

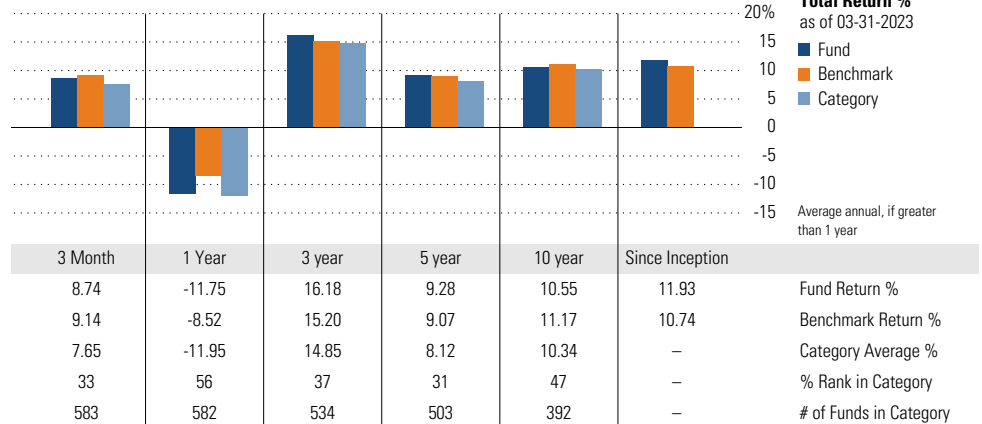
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

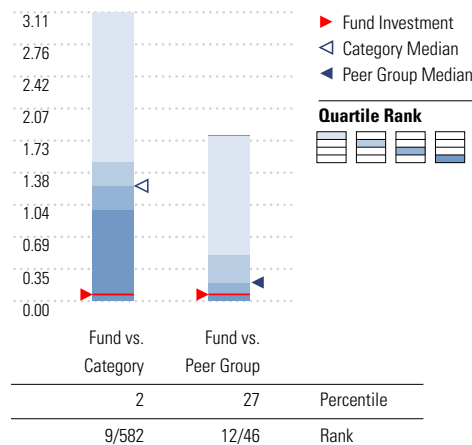
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.94	-	-0.20
Beta	1.00	-	0.98
R-Squared	98.63	-	90.77
Standard Deviation	23.16	23.08	23.92
Sharpe Ratio	0.71	0.68	0.64
Tracking Error	2.71	-	7.25
Information Ratio	0.36	-	-0.24
Up Capture Ratio	102.18	-	98.57
Down Capture Ratio	99.87	-	100.96

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.90	23.95	24.30
Price/Book Ratio	4.81	5.97	3.89
Geom Avg Mkt Cap \$B	25.26	20.94	17.34
ROE	21.49	27.86	19.62

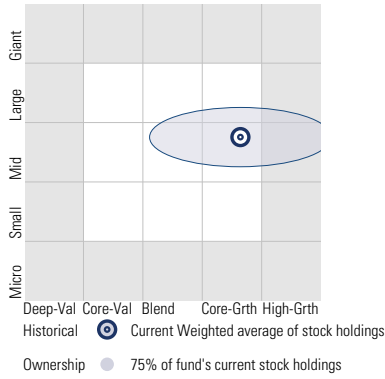
# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

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

## Style Analysis as of 03-31-2023

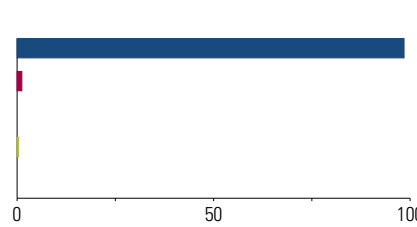
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	98.46	92.88
Non-US Stocks	1.21	4.14
Bonds	0.00	0.11
Cash	0.33	2.50
Other	0.00	0.38
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>27.65</b>	<b>27.76</b>	<b>29.41</b>			
Basic Materials	3.65	2.84	2.46			
Consumer Cyclical	11.57	16.69	13.99			
Financial Services	5.73	6.12	9.80			
Real Estate	6.70	2.11	3.16			
<b>Sensitive</b>	<b>55.20</b>	<b>52.45</b>	<b>47.80</b>			
Communication Services	5.15	3.81	3.09			
Energy	6.44	4.52	3.24			
Industrials	14.15	16.27	14.95			
Technology	29.46	27.85	26.52			
<b>Defensive</b>	<b>17.14</b>	<b>19.80</b>	<b>22.79</b>			
Consumer Defensive	1.34	3.20	2.58			
Healthcare	15.80	16.32	19.51			
Utilities	0.00	0.28	0.70			

## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	1.64	1.64	7.60	Technology
⊕ Motorola Solutions Inc	1.62	3.26	11.37	Technology
⊖ Microchip Technology Inc	1.55	4.82	19.77	Technology
⊕ DexCom Inc	1.52	6.34	2.60	Healthcare
⊕ MSCI Inc	1.44	7.78	20.62	Financial Services
⊕ Realty Income Corp	1.42	9.19	1.02	Real Estate
⊕ Cintas Corp	1.35	10.55	2.70	Industrials
⊕ Arista Networks Inc	1.31	11.85	38.33	Technology
⊖ Cheniere Energy Inc	1.30	13.15	5.36	Energy
⊕ TransDigm Group Inc	1.29	14.45	17.06	Industrials
⊕ IQVIA Holdings Inc	1.25	15.70	-2.93	Healthcare
⊕ Hess Corp	1.24	16.94	-6.38	Energy
⊕ Waste Connections Inc	1.21	18.15	5.10	Industrials
⊕ ON Semiconductor Corp	1.20	19.35	31.99	Technology
⊕ Welltower Inc	1.19	20.55	10.30	Real Estate

**Total Holdings 163**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

Donald Butler since 08-2006  
Awais Khan since 07-2021  
Aur lie Denis since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap 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 16.63 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.93% lower than the Mid-Cap Value category average.

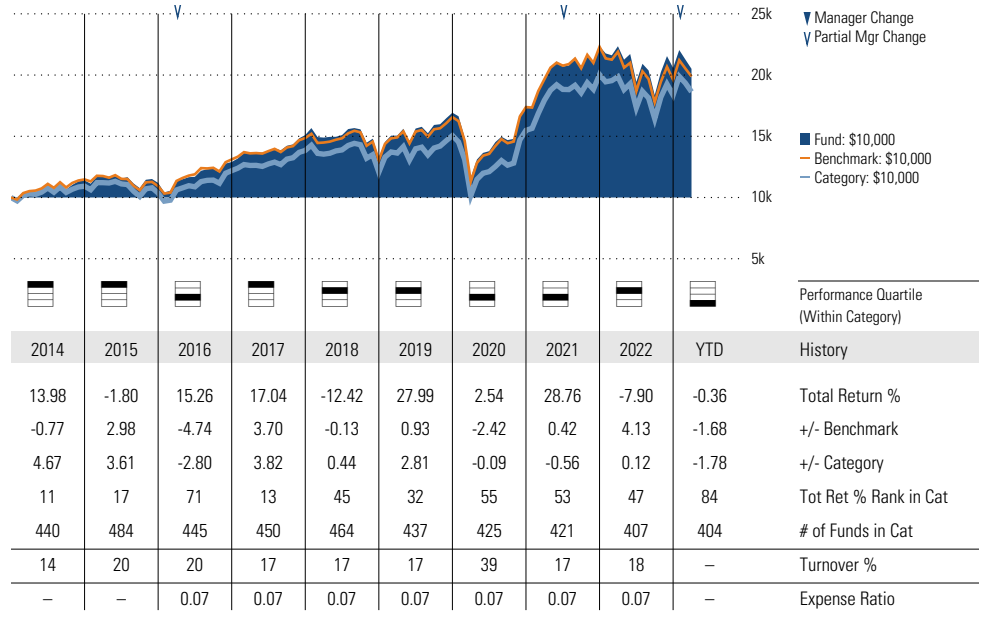
## Morningstar Investment Management LLC Analysis

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.

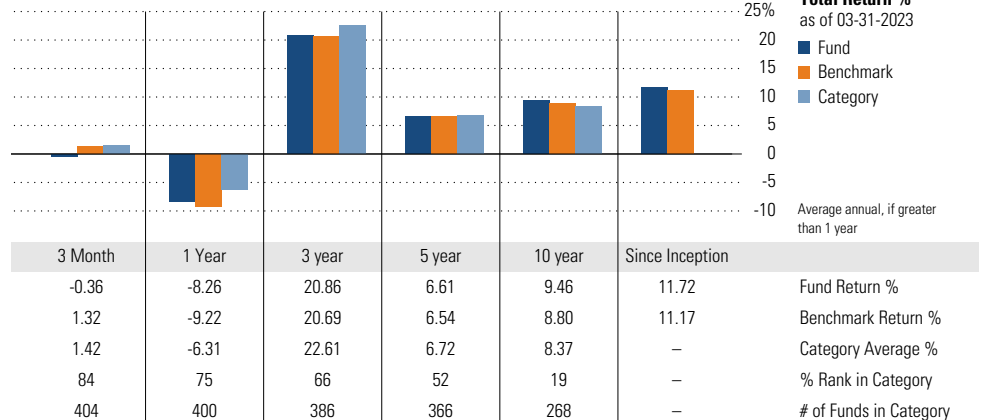
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

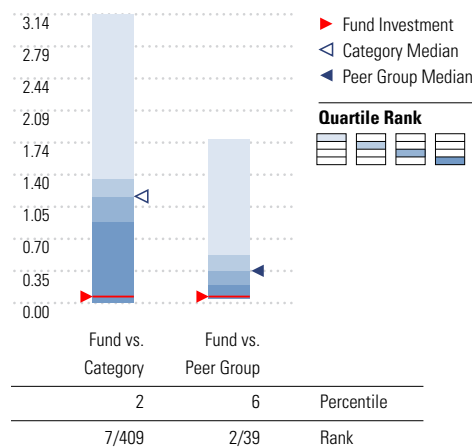
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.98	-	1.62
Beta	0.95	-	0.98
R-Squared	98.76	-	94.06
Standard Deviation	19.20	20.04	20.25
Sharpe Ratio	1.02	0.98	1.03
Tracking Error	2.34	-	5.06
Information Ratio	0.07	-	0.25
Up Capture Ratio	96.95	-	98.95
Down Capture Ratio	93.57	-	92.21

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.70	15.15	13.95
Price/Book Ratio	2.08	2.11	1.83
Geom Avg Mkt Cap \$B	21.46	16.49	12.34
ROE	17.70	15.14	16.14

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

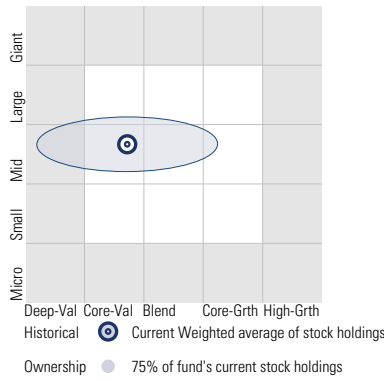
Mid-Cap Value

Morningstar Index

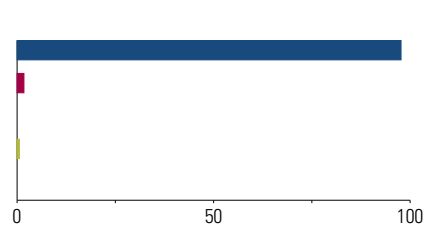
Russell Mid Cap Value TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™

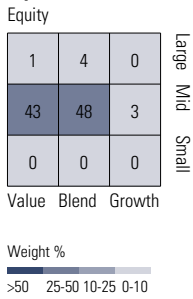


## Asset Allocation as of 03-31-2023

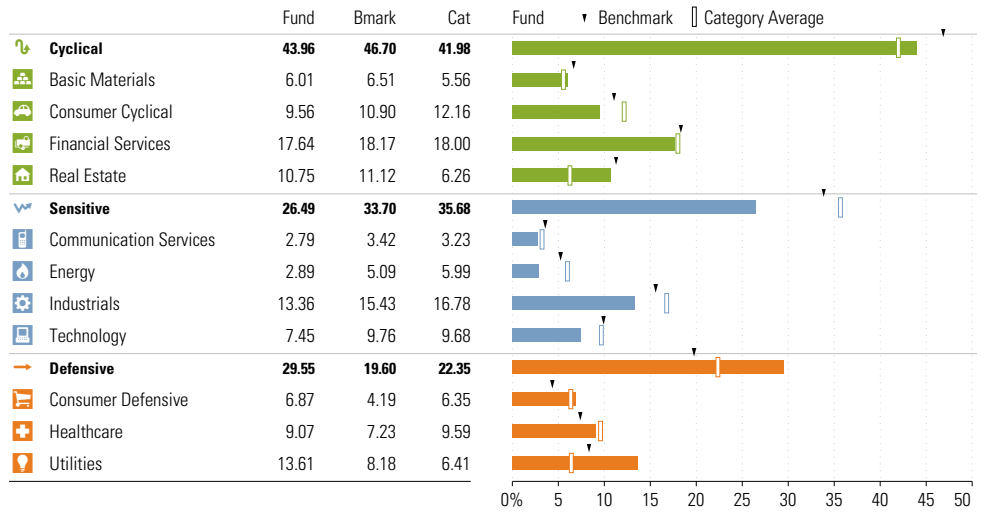


Asset Class	Net %	Cat%
US Stocks	97.69	90.55
Non-US Stocks	1.74	6.77
Bonds	0.00	0.01
Cash	0.58	2.25
Other	0.00	0.41
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Style Breakdown



## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Corteva Inc	1.39	1.39	2.86	Basic Materials
⊕ Arthur J. Gallagher & Co	1.31	2.71	1.76	Financial Services
⊕ Nucor Corp	1.28	3.99	17.58	Basic Materials
⊕ PACCAR Inc	1.24	5.23	11.32	Industrials
⊕ Carrier Global Corp Ordinary Shares	1.24	6.47	10.91	Industrials
⊕ PG&E Corp	1.16	7.63	-0.55	Utilities
⊖ Centene Corp	1.13	8.76	-22.92	Healthcare
⊕ Consolidated Edison Inc	1.10	9.86	1.23	Utilities
⊕ Rockwell Automation Inc	1.09	10.95	14.39	Industrials
⊕ VICI Properties Inc Ordinary Shares	1.06	12.01	1.88	Real Estate
⊕ Ameriprise Financial Inc	1.05	13.06	-1.16	Financial Services
⊕ The Kroger Co	1.03	14.09	11.33	Consumer Defensive
⊕ D.R. Horton Inc	0.98	15.07	9.87	Consumer Cyclical
⊕ Dollar Tree Inc	0.98	16.05	1.49	Consumer Defensive
⊕ WEC Energy Group Inc	0.97	17.02	1.93	Utilities

**Total Holdings 193**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 26.9 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 94.12 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.57% lower than the Real Estate category average.

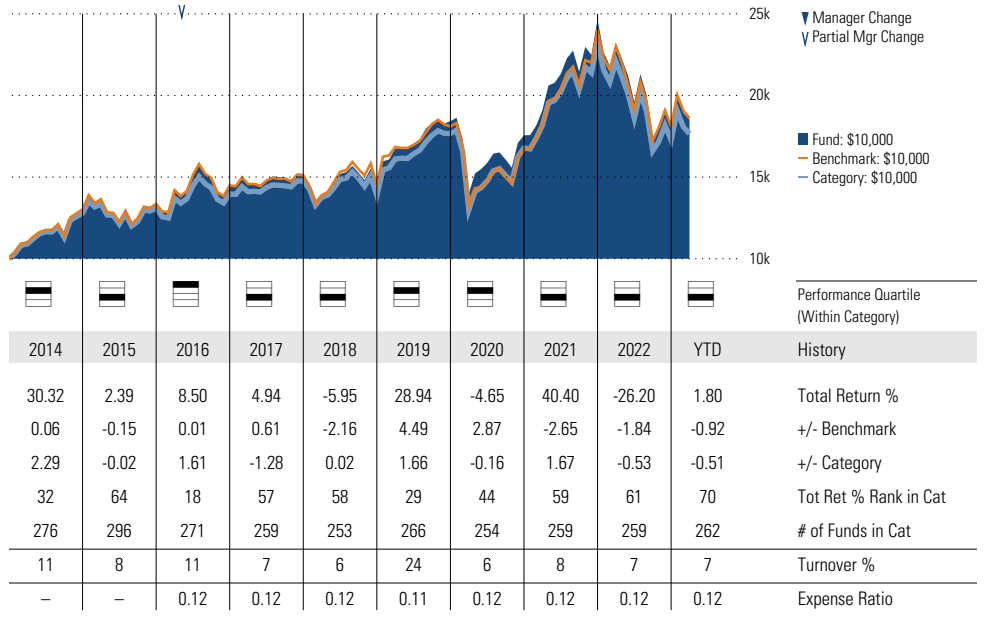
## Morningstar Investment Management LLC Analysis

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

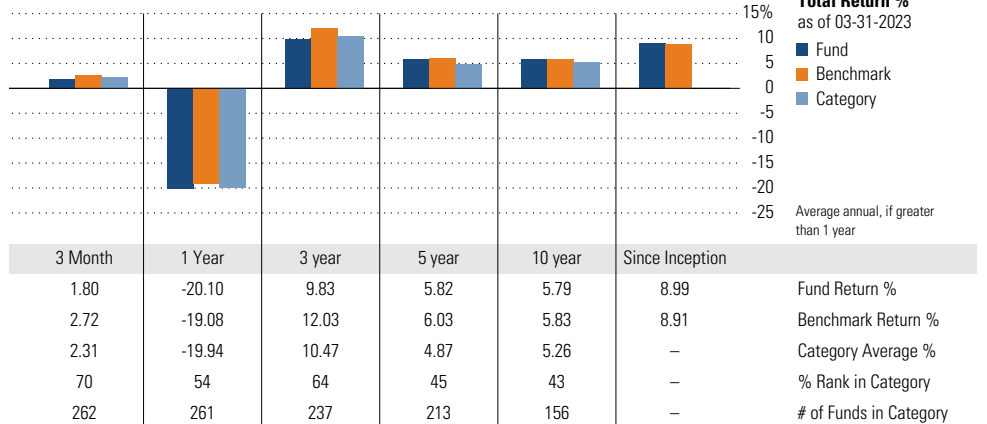
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

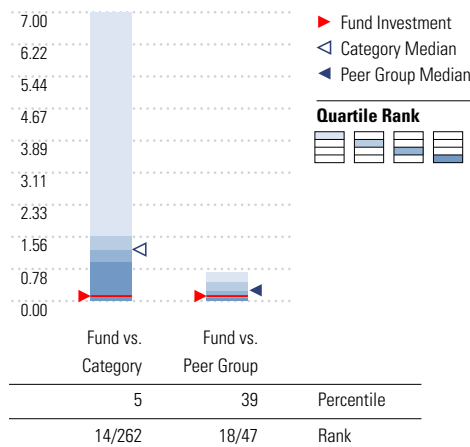
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.97	-	-1.08
Beta	1.00	-	0.95
R-Squared	98.52	-	93.02
Standard Deviation	20.41	20.25	20.01
Sharpe Ratio	0.50	0.60	0.53
Tracking Error	2.48	-	4.83
Information Ratio	-0.89	-	-0.48
Up Capture Ratio	97.58	-	94.13
Down Capture Ratio	104.56	-	98.38

## Portfolio Metrics

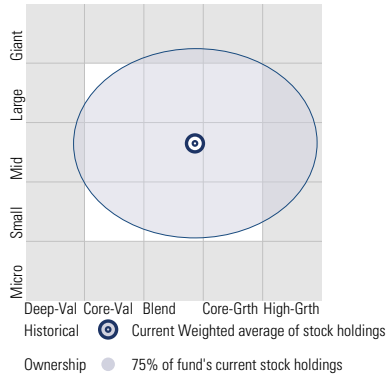
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.67	38.46	26.96
Price/Book Ratio	2.17	2.42	2.15
Geom Avg Mkt Cap \$B	21.23	9.35	26.33
ROE	15.67	9.56	14.69

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

**Style Analysis** as of 03-31-2023  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2023

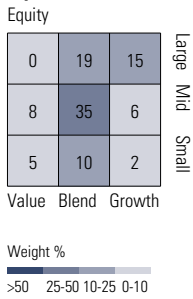


Asset Class	Net %	Cat%
US Stocks	98.93	82.50
Non-US Stocks	0.02	1.12
Bonds	0.00	3.50
Cash	1.04	1.08
Other	0.00	11.80
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.18</b>	<b>99.13</b>	<b>99.26</b>			
Basic Materials	0.00	0.00	0.04			
Consumer Cyclical	0.00	0.13	1.31			
Financial Services	0.03	0.00	0.31			
Real Estate	99.15	99.00	97.60			
<b>Sensitive</b>	<b>0.82</b>	<b>0.87</b>	<b>0.67</b>			
Communication Services	0.76	0.00	0.20			
Energy	0.00	0.00	0.04			
Industrials	0.00	0.87	0.24			
Technology	0.06	0.00	0.19			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.07</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.01			
Utilities	0.00	0.00	0.06			

**Style Breakdown**



**Top 15 Holdings** as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	12.37	12.37	-	-
⊖ Prologis Inc	8.04	20.41	11.45	Real Estate
⊖ American Tower Corp	6.64	27.04	-3.55	Real Estate
⊖ Equinix Inc	4.66	31.70	10.60	Real Estate
⊖ Crown Castle Inc	4.04	35.74	-0.17	Real Estate
⊖ Public Storage	3.33	39.08	8.90	Real Estate
⊖ Realty Income Corp	2.77	41.85	1.02	Real Estate
⊖ Simon Property Group Inc	2.48	44.33	-3.16	Real Estate
⊖ Welltower Inc	2.28	46.61	10.30	Real Estate
⊖ SBA Communications Corp Class A	1.97	48.58	-6.56	Real Estate
⊖ VICI Properties Inc Ordinary Shares	1.91	50.49	1.88	Real Estate
⊖ Digital Realty Trust Inc	1.88	52.36	-0.74	Real Estate
⊖ AvalonBay Communities Inc	1.64	54.01	5.07	Real Estate
⊖ CBRE Group Inc Class A	1.61	55.61	-5.39	Real Estate
⊖ Weyerhaeuser Co	1.55	57.16	0.71	Real Estate

**Total Holdings** 169

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Small Cap Growth Index Admiral VSGAX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-2004  
William Coleman since 04-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 18.26 years.

✗ **Style:** The fund has landed in its primary style box — Small Growth — 62.5 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.12% lower than the Small Growth category average.

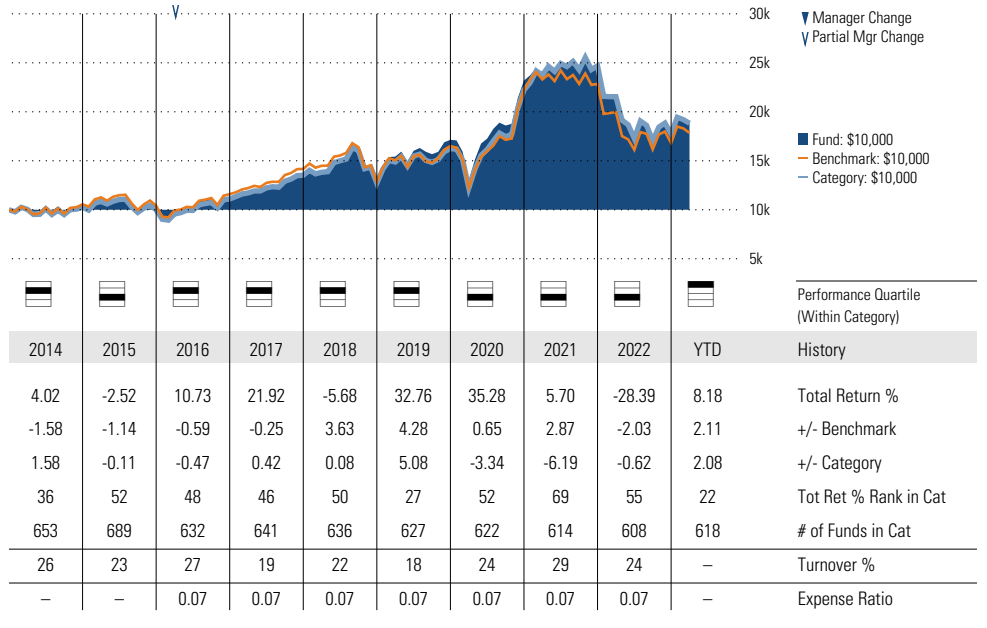
## Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

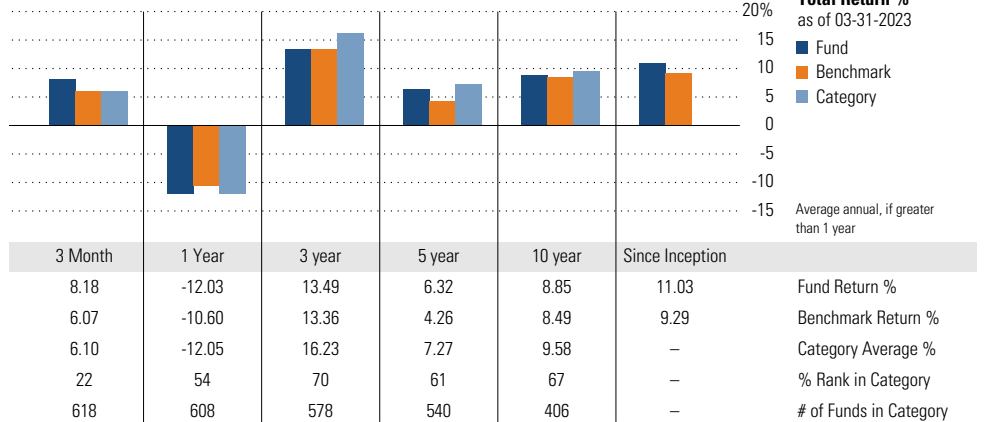
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

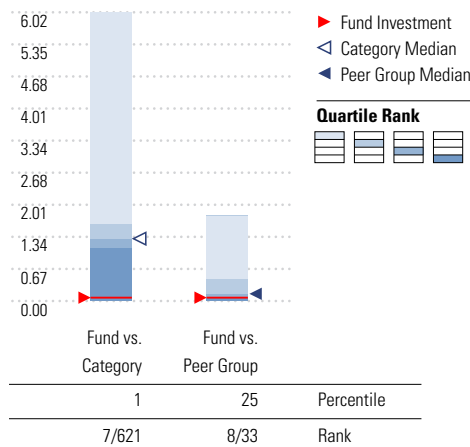
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.64	-	2.48
Beta	0.96	-	0.95
R-Squared	95.66	-	90.45
Standard Deviation	23.61	24.09	24.19
Sharpe Ratio	0.60	0.59	0.67
Tracking Error	5.02	-	7.74
Information Ratio	0.03	-	0.27
Up Capture Ratio	99.56	-	101.11
Down Capture Ratio	98.96	-	95.22

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.19	14.30	20.30
Price/Book Ratio	3.46	3.55	3.51
Geom Avg Mkt Cap \$B	5.32	2.74	4.96
ROE	10.52	12.78	15.34

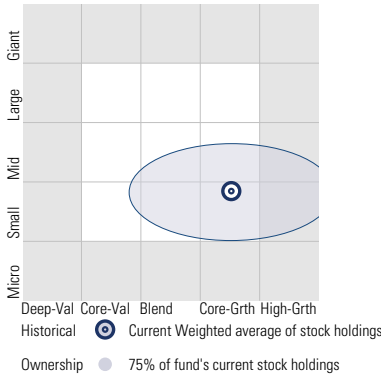
# Vanguard Small Cap Growth Index Admiral VSGAX

**Morningstar Category**  
Small Growth

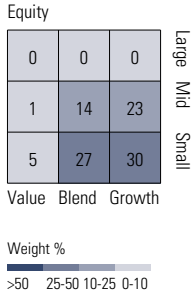
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 03-31-2023

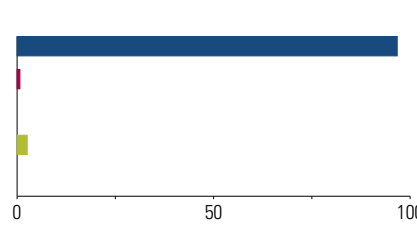
Morningstar Style Box™



## Style Breakdown

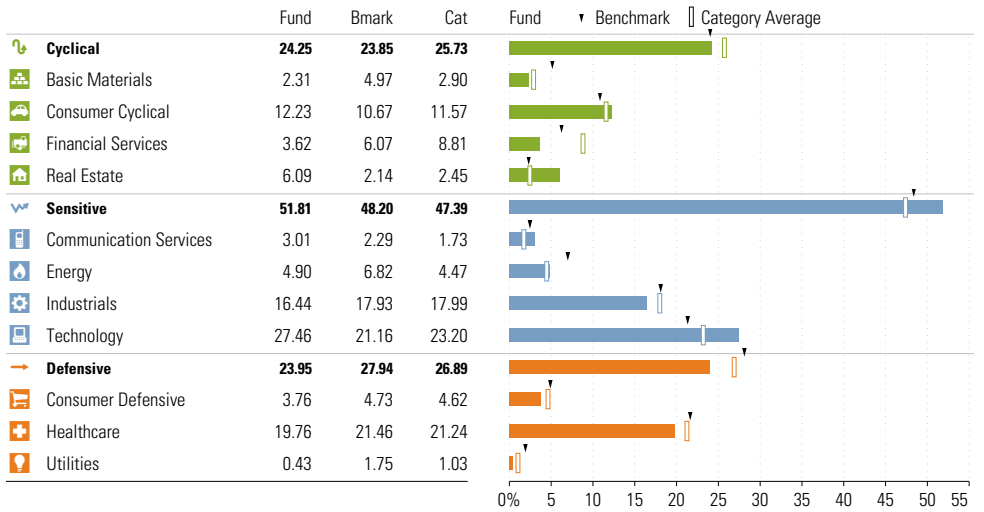


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	96.72	92.09
Non-US Stocks	0.71	4.29
Bonds	0.00	0.00
Cash	2.57	2.35
Other	0.00	1.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Slcmt1142	2.26	2.26	-	-
Fair Isaac Corp	0.86	3.11	17.39	Technology
Targa Resources Corp	0.84	3.96	-0.27	Energy
Liberty Formula One Group Registered Shs Series -C- Formula One	0.75	4.70	25.18	Communication Svc
Axon Enterprise Inc	0.73	5.44	35.51	Industrials
PTC Inc	0.70	6.13	6.82	Technology
Lattice Semiconductor Corp	0.67	6.80	47.19	Technology
Entegris Inc	0.62	7.43	25.19	Technology
Graco Inc	0.62	8.05	8.90	Industrials
Exact Sciences Corp	0.62	8.67	36.96	Healthcare
Deckers Outdoor Corp	0.60	9.27	12.62	Consumer Cyclical
Bio-Techne Corp	0.59	9.86	-10.39	Healthcare
The Toro Co	0.59	10.46	-1.80	Industrials
Sarepta Therapeutics Inc	0.59	11.04	6.37	Healthcare
Nordson Corp	0.58	11.62	-6.23	Industrials

**Total Holdings 672**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
Global Large-Stock Blend

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Global Large-Stock Blend category's top three quartiles in 3 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.11 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 0.1 is 89.8% lower than the Global Large-Stock Blend category average.

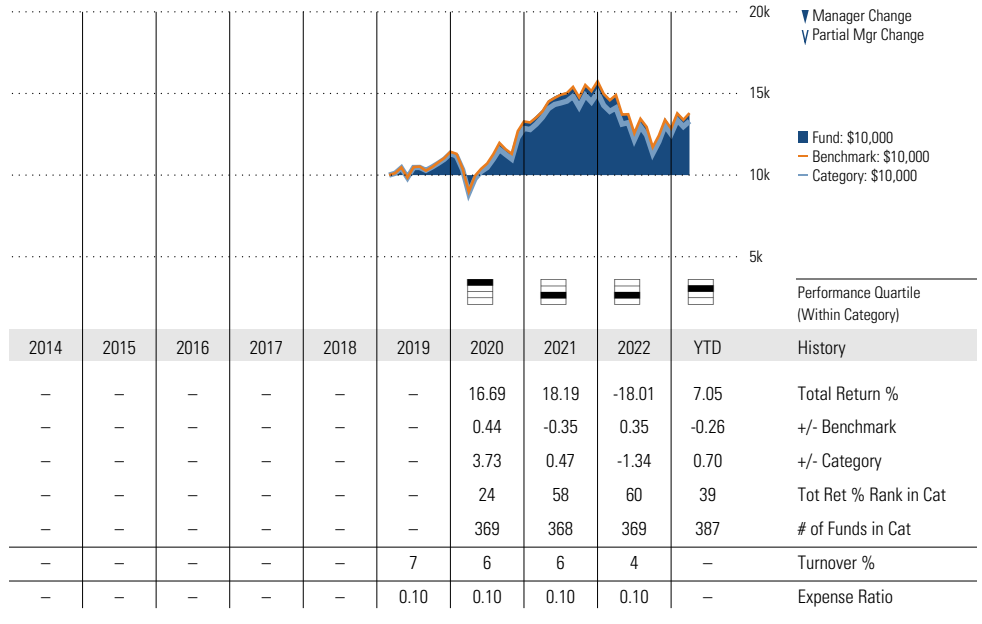
## Morningstar Investment Management LLC Analysis

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

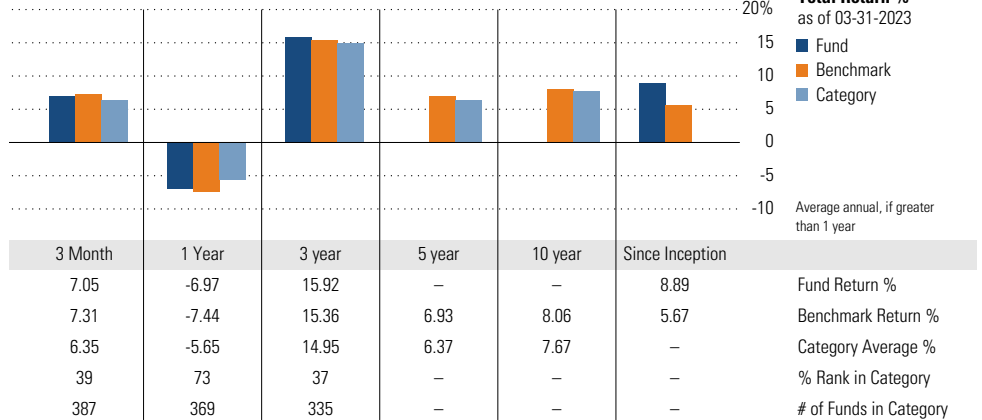
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

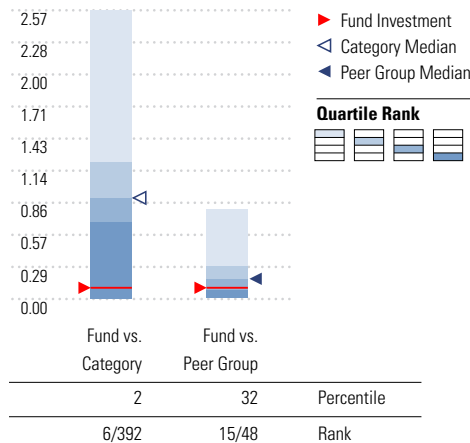
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.32	-	0.18
Beta	1.01	-	0.96
R-Squared	99.72	-	92.95
Standard Deviation	18.31	18.04	18.03
Sharpe Ratio	0.84	0.82	0.80
Tracking Error	0.99	-	4.69
Information Ratio	0.57	-	-0.07
Up Capture Ratio	101.90	-	97.74
Down Capture Ratio	100.71	-	98.26

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.89	16.19	16.95
Price/Book Ratio	2.32	2.46	2.68
Geom Avg Mkt Cap \$B	66.18	91.37	77.95
ROE	22.92	24.43	22.62

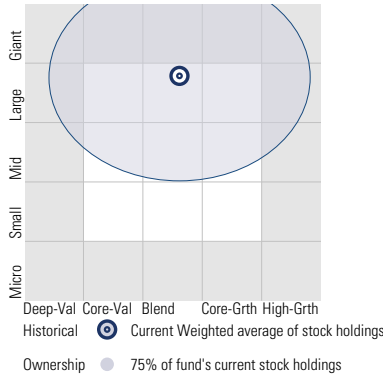
# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
Global Large-Stock Blend

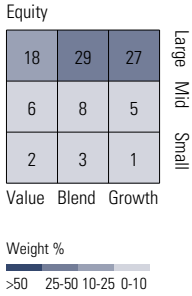
**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 03-31-2023

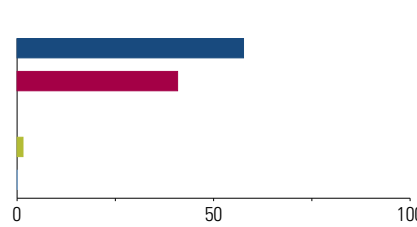
Morningstar Style Box™



## Style Breakdown

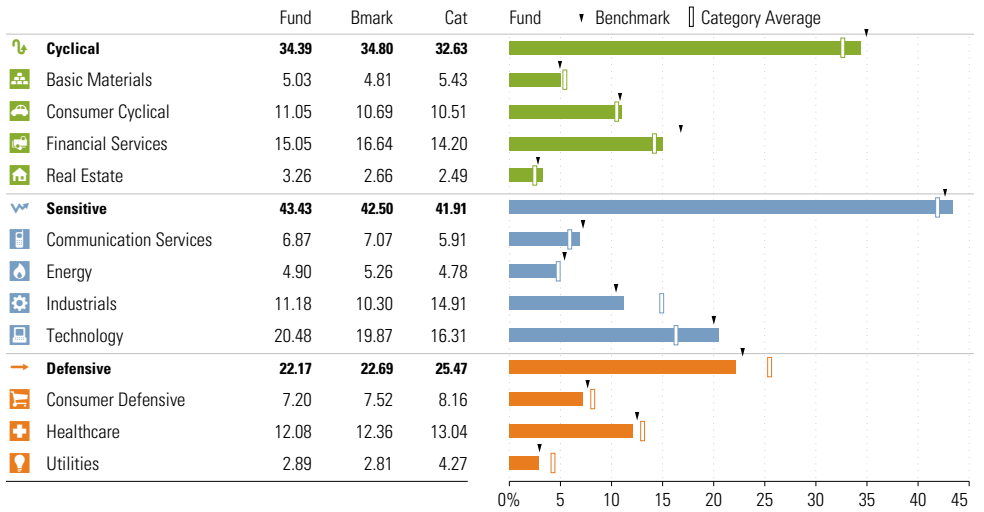


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	57.61	54.85
Non-US Stocks	40.84	40.15
Bonds	0.00	1.32
Cash	1.50	2.07
Other	0.05	1.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## World Regions % Equity 03-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	18.87	13.51	Americas	62.60	61.72	Greater Europe	18.54	24.75	Developed Markets	91.76
Japan	6.26	5.38	North America	61.45	60.85	United Kingdom	4.04	6.44	Emerging Markets	8.24
Australasia	2.15	1.16	Central/Latin	1.15	0.87	W euro-ex UK	12.86	17.92	Not Available	0.00
Asia-4 Tigers	4.43	3.70				Emrgng Europe	0.23	0.04		
Asia-ex 4 Tigers	6.03	3.27				Africa	1.41	0.35		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	3.62	3.62	27.09	Technology
⊕ Microsoft Corp	3.16	6.78	20.50	Technology
⊕ Amazon.com Inc	1.34	8.12	22.96	Consumer Cyclical
⊕ Slcmt1142	1.19	9.31	-	-
⊖ NVIDIA Corp	0.96	10.27	90.10	Technology
⊖ Alphabet Inc Class A	0.92	11.19	17.57	Communication Svc
Alphabet Inc Class C	0.79	11.98	17.21	Communication Svc
⊕ Tesla Inc	0.78	12.77	68.42	Consumer Cyclical
⊖ Meta Platforms Inc Class A	0.69	13.46	76.12	Communication Svc
⊕ Berkshire Hathaway Inc Class B	0.67	14.13	-0.04	Financial Services

**Total Holdings 9538**

⊕ 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 28.27 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 94.51% lower than the Large Value category average.

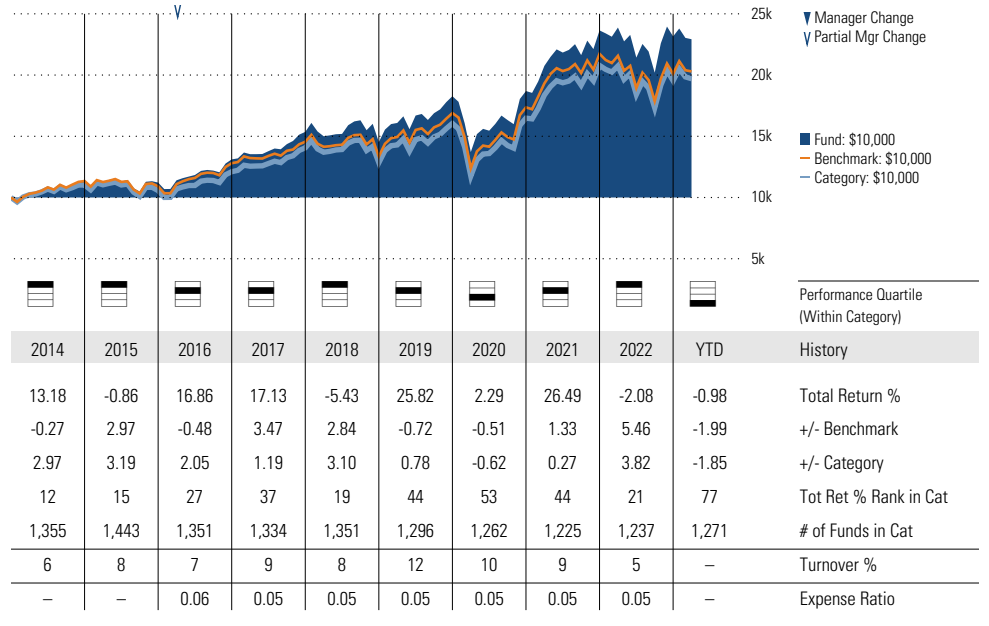
## Morningstar Investment Management LLC Analysis

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.

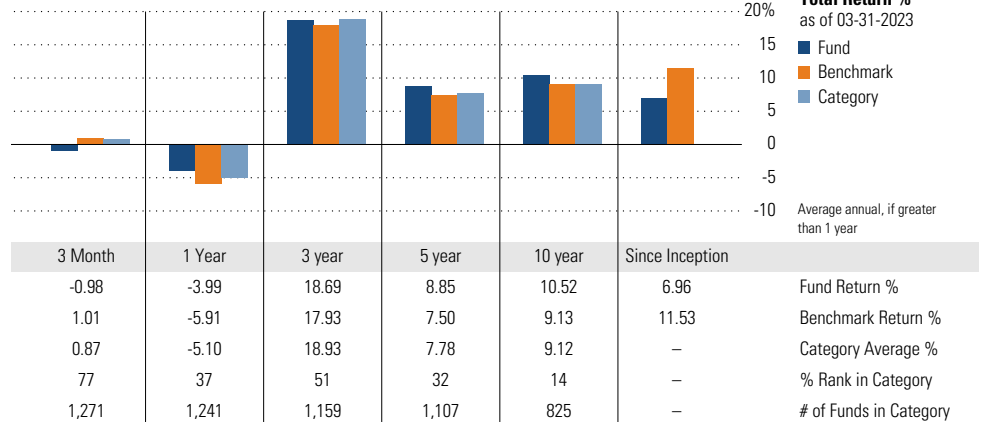
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

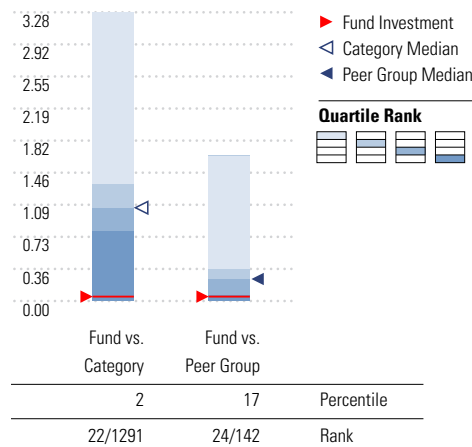
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.45	-	1.20
Beta	0.95	-	0.98
R-Squared	97.98	-	94.19
Standard Deviation	17.19	17.94	18.13
Sharpe Ratio	1.01	0.94	0.98
Tracking Error	2.61	-	4.44
Information Ratio	0.29	-	0.19
Up Capture Ratio	97.33	-	99.12
Down Capture Ratio	91.37	-	93.95

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.76	15.84	12.98
Price/Book Ratio	2.47	2.23	2.16
Geom Avg Mkt Cap \$B	101.83	71.41	110.77
ROE	22.61	16.52	22.51

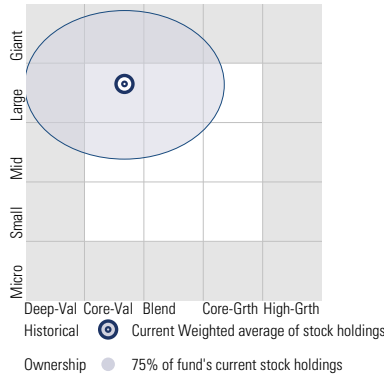
# Vanguard Value Index Adm VVIAX

**Morningstar Category**  
Large Value

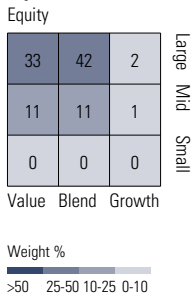
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 03-31-2023

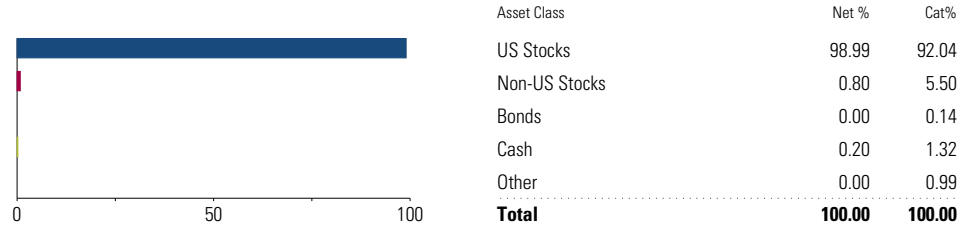
Morningstar Style Box™



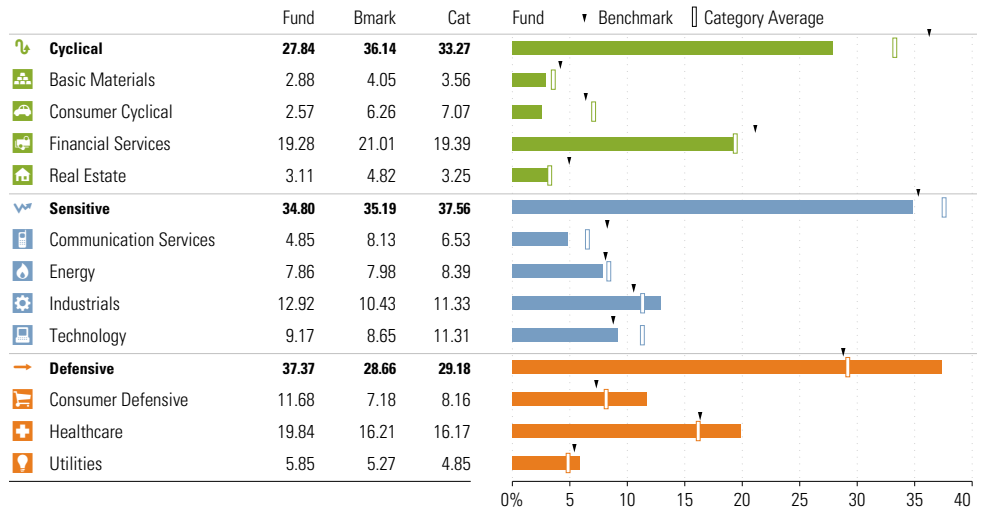
## Style Breakdown



## Asset Allocation as of 03-31-2023



## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Berkshire Hathaway Inc Class B	3.33	3.33	-0.04	Financial Services
⊖ Exxon Mobil Corp	2.68	6.01	0.24	Energy
⊕ UnitedHealth Group Inc	2.65	8.66	-10.55	Healthcare
⊕ Johnson & Johnson	2.42	11.08	-11.62	Healthcare
⊕ JPMorgan Chase & Co	2.30	13.38	-2.08	Financial Services
⊕ Procter & Gamble Co	2.10	15.48	-1.29	Consumer Defensive
⊕ AbbVie Inc	1.69	17.17	-0.47	Healthcare
⊖ Chevron Corp	1.68	18.85	-8.26	Energy
⊕ Merck & Co Inc	1.62	20.47	-3.45	Healthcare
⊕ Broadcom Inc	1.60	22.07	15.56	Technology
⊕ PepsiCo Inc	1.51	23.58	1.54	Consumer Defensive
⊕ Coca-Cola Co	1.45	25.03	-1.76	Consumer Defensive
⊖ Meta Platforms Inc Class A	1.41	26.44	76.12	Communication Svc
⊕ Pfizer Inc	1.37	27.82	-19.57	Healthcare
⊕ Walmart Inc	1.19	29.01	4.39	Consumer Defensive

**Total Holdings 343**

⊕ Increase ⊖ Decrease ✨ New to Portfolio