# AB Global Bond Z ANA7X

# 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 10 years it's been in existence.

Management: The fund's management has been in place for 18.09 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is 31.08% lower than the Global Bond-USD Hedged category average.

# **Morningstar Investment Management LLC Analysis**

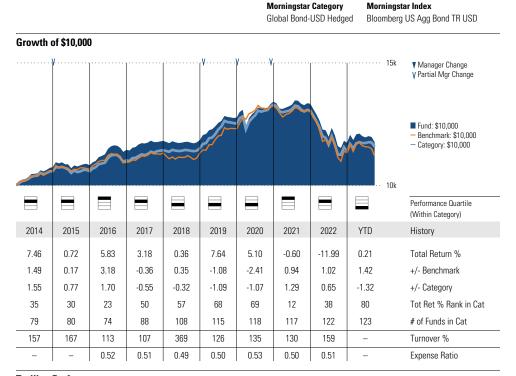
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Updated

08-31-2023

### ESG Metrics

Metric Rating Sustainability Rating 3



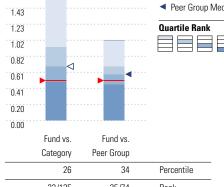
### **Trailing Performance Total Return %** 10% as of 09-30-2023 Fund 5 Benchmark Category n -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -1.63 1.39 -3.67 0.03 1.71 -3.23 0.64 -5.21 0.10 1.13 6.50 Benchmark Return % -1.30 2 56 -3.86 0 21 1.33 Category Average % \_ 68 75 44 58 % Rank in Category 124 122 114 105 # of Funds in Category Net Expense **3-Year Ris** 1.84 Fund Investment Alpha Category Median 1.64 Beta Peer Group Median 1.43 R-Squared 1.23 Quartile Rank Standard Dev 1.02 Sharpe Ratio Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

**Portfolio Metrics** 



k Metrics			
	Fund	Bmark	
	0.68	-	
	0.83	-	
	92.16	-	
iation	5.36	6.20	
	-1.05	-1.16	

1.84

0.84

89.70

80.25

Fund

6 85

8.28

Avg Eff Duration 33/125 25/74Rank Avg Eff Maturity Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class

characteristics.



Bmark

4 43

Cat

0.33

0.82

79.52

570

-1.06

3.02

0.44

85.16

80.82

Cat

5.90

7.58

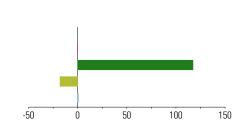
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# AB Global Bond Z ANAZX

# Style Analysis as of 09-30-2023 Style Breakdown Fixed Income Quality High Mid 5 Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	43.51	3.53	43.26
AA	15.77	74.59	16.10
А	20.26	10.82	19.14
BBB	22.34	8.32	20.17
BB	2.47	0.28	4.86
В	0.45	0.00	1.22
Below B	0.05	0.00	0.45
Not Rated	-4.84	2.46	-5.21



Asset Allocation as of 09-30-2023

### Asset Class Net % Cat% US Stocks 0.05 0.00 Non-US Stocks 0.01 0.00 Bonds 117.35 96.60 Cash -17.98 3.35 Other 0.57 0.04 Total 100.00 100.00

### Sector Weighting as of 09-30-2023 Benchmark [] Category Average Fund Bmark Cat Fund Government 39.73 53.85 23.18 37.79 Π Treasurv \_ Inflation - Protected 0.91 1.65 3.07 4.93 Agency/Quasi Agency . ſ Other Government Related 12.57 9.48 Corporate 14.95 13.47 \_ Corporate Bond 14.85 13.32 Bank Loan 0.10 \_ 0.15 Convertible 0.00 0.00 Π Preferred 0.00 0.00 ĺ \_ Securitized 9.95 6.44 \_ Agency MBS Pass-Through 3.62 3.62 Agency MBS ARM 0.00 0.00 Agency MBS CMO 1.31 0.54 Û Non-Agency Residential MBS 0.09 0.20 0 Π Commercial MBS 0.43 0.17 Asset-Backed 2 43 n î 1.54 \_ Covered Bond 2.07 0.37 Municipal 0.17 \_ 0.07 **Cash & Equivalents** 0.29 21.14 Ì. \_ Other 34.89 \_ 5.04 0% 5 10 15 20 25 30 35 40 45 50 55

# Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	-	15.21	15.21	_
⊖ EUR FWD VS USD 0% 10/08/2023 Sold	08-2023	12.90	28.11	-
⊖ EUR FWD VS USD 0% 10/08/2023 Purchased	08-2023	12.90	41.00	-
⊕ US 5 Year Note (CBT) Sept13	09-2023	11.37	52.38	-
⊖ CAD FWD VS USD 0% 10/08/2023 Sold	08-2023	7.71	60.08	-
⊖ CAD FWD VS USD 0% 10/08/2023 Purchased	08-2023	7.71	67.79	-
⊖ EUR FWD VS USD 0% 10/08/2023 Sold	08-2023	7.49	75.29	-
⊖ EUR FWD VS USD 0% 10/08/2023 Purchased	08-2023	7.49	82.78	-
⊖ KRW FWD VS USD 0% 26/10/2023 Purchased	10-2023	7.23	90.01	-
⊖ KRW FWD VS USD 0% 26/10/2023 Sold	10-2023	7.23	97.24	-

# Total Holdings 1779

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Mo **Morningstar Category** Global Bond-USD Hedged

Bloomberg US Agg Bond TR USD

Morningsta	ar Ir	ıdex		
	110		D	

# American Funds American Balanced R6 RLBGX

# 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 Chit Purani since 03-2023 Jin Lee since 03-2023

# Quantitative Screens

Performance: The fund has finished in the Moderate Allocation 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 24.76 years.

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

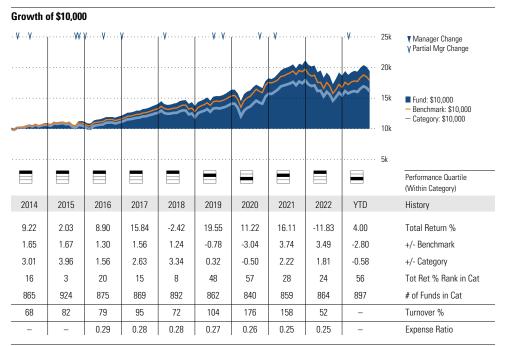
Net Expense: The fund's expense ratio of 0.25 is 75% lower than the Moderate Allocation category average.

# Morningstar Investment Management LLC Analysis

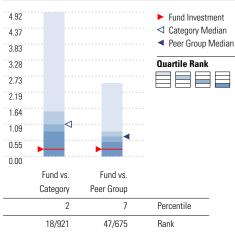
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

Fund Bmark Cat Alpha 1.27 -0.04 0.97 0.98 Beta 96.09 **R-Squared** 94.16 12.04 12.24 Standard Deviation 11 88 Sharpe Ratio 0 27 0 17 0.16 Tracking Error 2 38 2.86 Information Ratio 0.50 -0.13 Up Capture Ratio 105.57 99.51 Down Capture Ratio 99.20 100.41

### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 18 73 19.23 20.37 Price/Book Ratio 3.75 2.95 3.33 Avg Eff Duration 6 67 6 1 2 5 40

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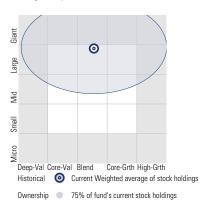
Morningstar Category Morningstar Index

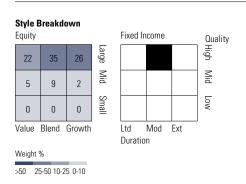
Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

# American Funds American Balanced R6 RLBGX

Style Analysis as of 09-30-2023 Morningstar Style Box™





# 50 100 0

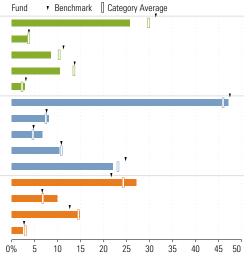
Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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### Asset Class Net % Cat% US Stocks 54.38 48.05 Non-US Stocks 7.64 10.07 Bonds 29.70 34.67 Cash 4.62 3.72 3.65 Other 3.49 Total 100.00 100.00

### Bmark Cat Fund Դ Cyclical 25.71 31.19 29.77 æ. Basic Materials 3.68 3.60 3.66 Consumer Cyclical 8.56 11.11 10.33 ц. Financial Services 10.54 13.53 13 54 ŵ Real Estate 2.93 2.94 2.25 Sensitive 47.10 47.30 45.97 đ **Communication Services** 8.05 7.43 7.43 Energy 6.72 4.60 4.63 ¢ Industrials 10.34 10.65 10.79 Technology 21.99 24 62 23.12 27.18 21.51 Defensive 24.27 **Consumer Defensive** 9.95 6.50 6.76 Healthcare 14.83 12.47 14.52 Utilities 2.40 2.54 2.99



# Ton 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	-	10.33	10.33	_	_
娄 Cash And Other Assets Less Liablities	-	5.72	16.05	-	-
⊖ Microsoft Corp	-	4.36	20.41	32.51	Technology
⊖ Cap Grp Cent Fd Ser Ii	-	3.65	24.06	-	-
⊖ Broadcom Inc	-	3.47	27.54	51.02	Technology
$\ominus$ UnitedHealth Group Inc	_	2.03	29.56	-3.88	Healthcare
$\oplus$ Philip Morris International Inc	-	2.01	31.58	-4.73	Consumer Defensive
igodot The Home Depot Inc	-	1.38	32.96	-2.35	Consumer Cyclical
	-	1.21	34.17	48.60	Communication Svc
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd ADR	-	1.18	35.35	18.48	Technology

# Total Holdings 2324

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



**Morningstar Category** Morningstar Index Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

# Baird Aggregate Bond Inst BAGIX

# 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

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

Management: The fund's management has been in place for 23.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 44.44% lower than the Intermediate Core Bond category average.

### **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

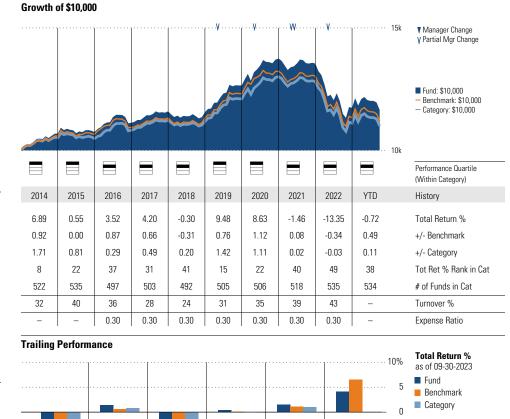


Morningstar Index

Morningstar Category

Intermediate Core Bond

Bloomberg US Agg Bond TR USD

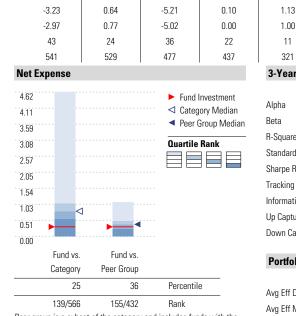


10 veai

1.55

11

321



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 0.25 0.02 0.98 1 01 99.48 **R-Squared** 96.70 6.29 Standard Deviation 6 20 6 18 Sharpe Ratio -1 11 -1.16 -1.15 Tracking Error 0.46 1.01 Information Ratio 0.40 -0.10 Up Capture Ratio 102.72 97.41 99.65 97.57 Down Capture Ratio

-5

-10

Since Inception

4.08

6.50

\_

Average annual, if greater

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

than 1 year

Fund Return %

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.31	4.43	6.10
Avg Eff Maturity	8.44	-	8.47

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3 Month

-3.07

1 Year

1.41

3 year

-5.02

5 year

0.44



# Baird Aggregate Bond Inst BAGIX

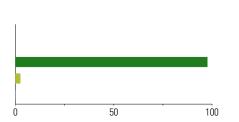
# Style Analysis as of 09-30-2023 Style Breakdown Fixed Income Quality High Mid

5

Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.70	3.53	56.04
AA	3.80	74.59	8.35
А	13.10	10.82	17.35
BBB	23.20	8.32	15.53
BB	0.20	0.28	1.06
В	0.00	0.00	0.38
Below B	0.00	0.00	0.18
Not Rated	0.00	2.46	1.11



Asset Allocation as of 09-30-2023

### Asset Class Net % Cat% US Stocks 0.00 0.07 Non-US Stocks 0.00 0.00 Bonds 97.56 95.99 Cash 2.35 2.17 0.09 Other 1.78 Total 100.00 100.00

### Sector Weighting as of 09-30-2023 Benchmark [] Category Average Fund Bmark Cat Fund Government 21.77 35.96 21.77 27.66 Treasurv \_ Inflation - Protected 0.00 2.08 1 0.00 i () Agency/Quasi Agency 1.08 Other Government Related 0.00 5.14 39.03 Corporate 25.61 \_ Corporate Bond 39.03 25.53 Bank Loan 0.00 \_ 0.02 Convertible 0.00 0.00 Preferred 0.00 \_ 0.06 Securitized 35.95 35.02 \_ [ Agency MBS Pass-Through 21.94 27.29 Agency MBS ARM 0.00 0.20 Agency MBS CMO 2.04 1.31 Non-Agency Residential MBS 0.72 0.49 ĨÎ. Commercial MBS 4.84 0.57 ĵ. Asset-Backed 641 5.16 \_ Covered Bond 0.00 0.00 1 Municipal 0.89 \_ 0.83 **Cash & Equivalents** 2.35 1.99 i i i i \_ Other 0.00 \_ 0.57 10 0% 5 10 15 20 25 30 35 40

# Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
① United States Treasury Notes 1.13%	10-2026	3.31	3.31	_
United States Treasury Bonds 2.5%	02-2045	3.13	6.44	-
⊕ First American Government Obligs U	02-2030	2.28	8.71	-
United States Treasury Bonds 2.88%	05-2043	2.27	10.99	-
United States Treasury Notes 1.13%	08-2028	2.24	13.23	-
United States Treasury Bonds 1.38%	11-2040	1.77	15.00	-
United States Treasury Notes 2.38%	03-2029	1.41	16.41	-
United States Treasury Bonds 2.38%	02-2042	1.20	17.61	-
	05-2032	1.04	18.65	-
$\oplus$ United States Treasury Bonds 2.88%	05-2052	1.01	19.66	-

# Total Holdings 1710

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Intermediate Core Bond

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

# Morningstar Category

# DFA US Core Equity 1 I DFEOX

# Portfolio Manager(s)

Jed Fogdall since 02-2012 John Hertzer 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 11.59 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
 81.33% lower than the Large Blend category average.

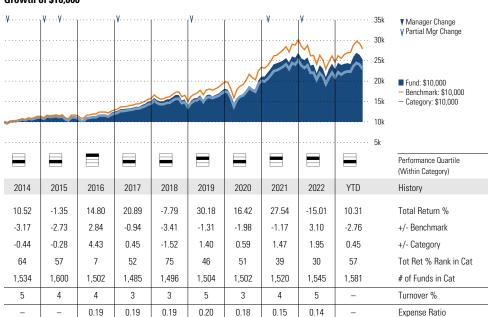
# Morningstar Investment Management LLC Analysis

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

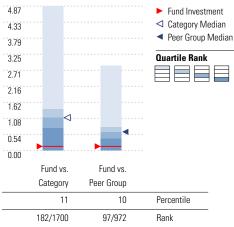




Large Blend

# Trailing Performance





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

984   -	# of	# of Funds in Category			
3-Year Risk Metrics					
	Fund	Bmark	Cat		
Alpha	1.47	-	-0.66		
Beta	1.00	-	0.95		
R-Squared	96.58	-	94.61		
Standard Deviation	18.08	17.85	17.40		
Sharpe Ratio	0.59	0.52	0.45		
Tracking Error	3.34	-	3.74		
Information Ratio	0.46	-	-1.15		
Up Capture Ratio	99.01	-	93.16		
Down Capture Ratio	92.31	-	95.77		
Portfolio Metrics					

	Fund	Bmark	Cat
Price/Earnings Ratio	17.79	22.40	22.25
Price/Book Ratio	3.22	3.98	4.46
Geom Avg Mkt Cap \$B	80.45	228.69	275.77
ROE	27.68	30.76	29.52

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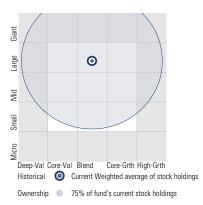


Morningstar Category Morningstar Index

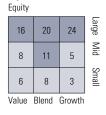
S&P 500 TR USD

# DFA US Core Equity 1 I DFEOX

Style Analysis as of 09-30-2023 Morningstar Style Box™







### Weight %

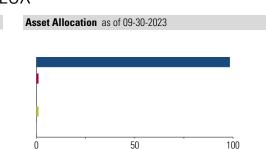
>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	5.34	5.34	32.32	Technology
∋ Microsoft Corp	4.44	9.78	32.51	Technology
Amazon.com Inc	2.03	11.81	51.33	Consumer Cyclical
Meta Platforms Inc Class A	1.50	13.30	149.47	Communication Svc
$oldsymbol{ m D}$ Exxon Mobil Corp	1.42	14.72	9.08	Energy
€ NVIDIA Corp	1.33	16.05	197.74	Technology
Alphabet Inc Class A	1.12	17.17	48.32	Communication Svc
JPMorgan Chase & Co	1.11	18.28	10.38	Financial Services
Berkshire Hathaway Inc Class B	1.07	19.35	13.40	Financial Services
Alphabet Inc Class C	1.03	20.37	48.60	Communication Svc
Tesla Inc	1.00	21.37	103.13	Consumer Cyclical
Broadcom Inc	0.90	22.27	51.02	Technology
m lacksquare Chevron Corp	0.90	23.17	-3.53	Energy
Future on E-mini S&P 500 Futures	0.84	24.02	-	-
Johnson & Johnson	0.84	24.86	-9.84	Healthcare

# Total Holdings 2681

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Asset Class	Net %	Cat%
US Stocks	98.25	95.33
Non-US Stocks	0.89	2.48
Bonds	0.00	0.15
Cash	0.86	0.71
Other	0.01	1.34
Total	100.00	100.00

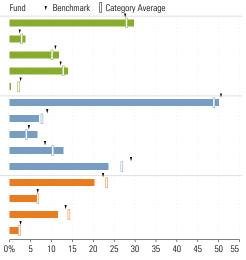
Morningstar Index

S&P 500 TR USD

**Morningstar Category** 📕 Large Blend

### Sector Weighting as of 09-30-2023 г.

		Fund	Bmark	Cat
Դ	Cyclical	29.74	27.45	27.95
æ.	Basic Materials	3.71	2.23	2.85
<b>A</b>	Consumer Cyclical	11.82	10.77	10.13
ц.	Financial Services	13.93	12.01	12.82
ŵ	Real Estate	0.28	2.44	2.15
<b>V</b> ar	Sensitive	50.03	50.38	48.85
đ	Communication Services	6.94	8.81	7.72
•	Energy	6.62	4.42	3.99
¢	Industrials	12.81	8.29	10.30
	Technology	23.66	28.86	26.84
-	Defensive	20.23	22.17	23.21
F	Consumer Defensive	6.35	6.53	6.73
٠	Healthcare	11.56	13.21	14.16
2	Utilities	2.32	2.43	2.32



# Federated Hermes Govt Ultrashort R6 FGULX

# 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 7 years it's been in existence.

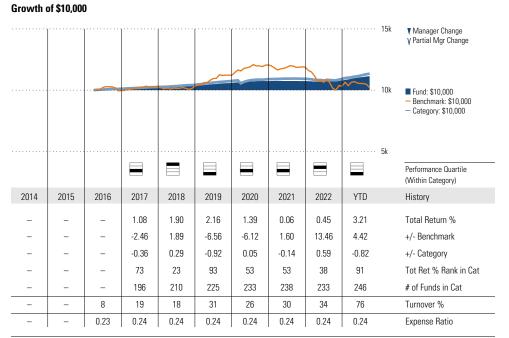
Management: The fund's management has been in place for 26.24 years.

Style Consistency is not calculated for Fixed Income funds.

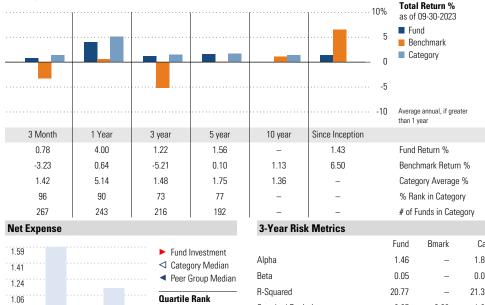
Net Expense: The fund's expense ratio of 0.24 is 42.86% lower than the Ultrashort Bond category average.

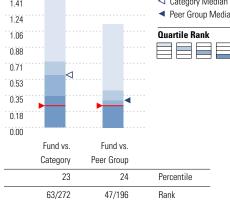
# **Morningstar Investment Management LLC Analysis**

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









-	-	% Rank in Category			
-	-	# of Funds in Category			
3-Year Risk	Metrics				
		Fund	Bmark	Cat	
Alpha		1.46	-	1.85	
Beta		0.05	-	0.08	
R-Squared		20.77	-	21.31	
Standard Deviat	tion	0.65	6.20	1.08	
Sharpe Ratio		-2.04	-1.16	-0.98	
Tracking Error		5.93	-	5.82	
Information Rat	io	1.08	-	1.15	
Up Capture Rati	0	10.61	-	15.49	
Down Capture F	latio	-5.49	-	-5.01	
				_	
Portfolio Me	etrics				
		Fund	Dmorle	Cat	

	Fund	Bmark	Cat
Avg Eff Duration	0.48	4.43	0.70
Avg Eff Maturity	5.22	-	1.94

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

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**Morningstar Category** Morningstar Index Ultrashort Bond

Bloomberg US Agg Bond TR USD

# Federated Hermes Govt Ultrashort R6 FGULX

# Style Analysis as of 09-30-2023



Duration

1		
· · · · · · · · · · · · · · · · · · ·		
0		4.00
11	50	100
0	00	100

# Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Government	2.72	-	24.91	
Treasury	1.48	-	19.27	
Inflation – Protected	0.00	-	0.00	ĺ
Agency/Quasi Agency	1.24	-	3.26	
Other Government Related	0.00	-	2.38	10
Corporate	0.00	-	33.27	I I I I I I I I I I I I I I I I I I I
Corporate Bond	0.00	-	32.65	
Bank Loan	0.00	-	0.59	0
Convertible	0.00	-	0.03	Ū laita kara kara kara kara kara kara kara ka
Preferred	0.00	-	0.00	ĺ l
Securitized	69.59	-	20.86	
Agency MBS Pass-Through	6.77	-	0.17	
Agency MBS ARM	0.09	-	0.24	
Agency MBS CMO	62.73	-	1.72	
Non-Agency Residential MBS	0.00	-	0.06	
Commercial MBS	0.00	-	2.46	I D
Asset-Backed	0.00	-	16.21	
Covered Bond	0.00	-	0.00	
Municipal	0.00	-	0.53	0
Cash & Equivalents	27.69	-	18.81	
Other	0.00	-	1.61	10
				0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70

### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Bank Of Montreal 4 Repo	07-2023	13.42	13.42	-
🕀 Hsbc Repo 2 Repo	07-2023	13.42	26.84	-
$\oplus$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.70052%	04-2033	5.51	32.34	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.55052%	12-2032	4.45	36.80	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.60052%	12-2032	4.12	40.91	_
Government National Mortgage Association 5.12871%	01-2073	3.66	44.57	-
$\oplus$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.71629%	07-2053	3.61	48.18	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	10-2032	3.11	51.29	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	11-2032	2.69	53.98	-
$\oplus$ Government National Mortgage Association 6.1%	06-2053	2.58	56.56	-

# Total Holdings 193

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category **Morningstar Index** Ultrashort Bond

Bloomberg US Agg Bond TR USD

Cat%

0.10

0.00

71.51

28.31 0.10

100.00

·	100	Total	100.00
		Other	0.00
		Cash	27.69
		Bonds	72.31
		Non-US Stocks	0.00
		US Stocks	0.00
		Asset Class	Net %

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	47.87
AA	0.00	74.59	8.37
A	0.00	10.82	21.90
BBB	0.00	8.32	16.09
BB	0.00	0.28	0.89
В	0.00	0.00	0.42
Below B	0.00	0.00	0.09
Not Rated	0.00	2.46	4.38

# Loomis Sayles Core Plus Bond N NERNX

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

Management: The fund's management has been in place for 26.76 years.

Style Consistency is not calculated for Fixed Income funds.

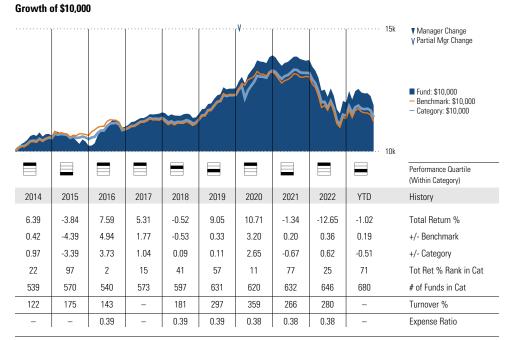
Net Expense: The fund's expense ratio of 0.38 is 48.65% lower than the Intermediate Core-Plus Bond category average.

# **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.

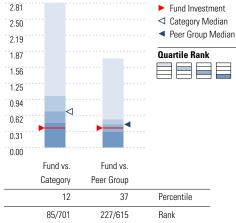
# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022









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

Cat Alpha 1.20 0.58 1 01 Beta 1 09 \_ R-Squared 93.95 97.10 Standard Deviation 6 87 6 20 6.49 Sharpe Ratio -0.94 -1.16 -1.03 Tracking Error 1.30 1.60 Information Ratio 0.51 0.31 Up Capture Ratio 114.95 103.07 Down Capture Ratio 101.38 97.08

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.46	4.43	6.32
Avg Eff Maturity	9.47	-	9.39

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Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

# Loomis Sayles Core Plus Bond N NERNX

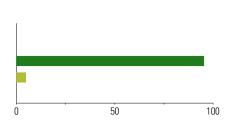
# Style Analysis as of 09-30-2023



Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	65.61	3.53	52.06
AA	3.22	74.59	5.00
А	6.88	10.82	11.81
BBB	19.05	8.32	18.82
BB	4.69	0.28	5.05
В	0.46	0.00	2.40
Below B	0.06	0.00	1.01
Not Rated	0.03	2.46	3.85

Asset Allocation	as of 09-30-2023
Asset Allocation	as of U9-3U-2U23



# Asset Class Net % Cat% US Stocks 0.00 0.19 Non-US Stocks 0.00 0.00 Bonds 95.31 100.91 Cash 4.69 -2.57

0.00

100.00

1.48

100.00

# Sector Weighting as of 09-30-2023

	Fund	Bmark	Cat	Fund	<ul> <li>Bend</li> </ul>	chmark	] Ca	tegory Aver	age	
Government	47.57	-	27.12							
Treasury	30.29	-	15.83			0				
Inflation – Protected	0.00	-	0.46	0						
Agency/Quasi Agency	0.57	-	0.56	l)						
Other Government Related	16.71	-	10.27		]					
Corporate	21.41	-	27.53					0		
Corporate Bond	21.41	-	27.05					0		
Bank Loan	0.00	-	0.17	0						
Convertible	0.00	-	0.05	0						
Preferred	0.00	_	0.26	0						
Securitized	27.79	-	38.67							
Agency MBS Pass-Through	19.15	-	25.57							
Agency MBS ARM	0.00	-	0.05	0						
Agency MBS CMO	0.07	-	3.60							
Non-Agency Residential MBS	0.05	-	0.16	]						
Commercial MBS	1.52	-	1.52							
Asset-Backed	7.00	-	7.77							
Covered Bond	0.00	-	0.00	0						
Municipal	0.09	-	0.70	10						
Cash & Equivalents	3.13	-	2.63	<b>—</b> )						
Other	0.00	-	3.34	I []						

Other

Total

# Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Sep23 Xcbt 20230929	09-2023	6.54	6.54	_
⊕ Future on 10 Year Treasury Note	09-2023	4.05	10.59	-
⊕ Future on Ultra 10 Year US Treasury Note	09-2023	3.57	14.16	-
United States Treasury Notes 4.125%	11-2032	2.89	17.05	-
United States Treasury Bonds 2%	11-2041	2.11	19.15	-
United States Treasury Notes 3.125%	08-2029	2.02	21.17	-
United States Treasury Notes 2.75%	08-2032	2.01	23.18	-
Future on 2 Year Treasury Note	09-2023	1.81	24.99	-
⊕ United States Treasury Notes 3.375%	05-2033	1.80	26.79	-
$\odot$ United States Treasury Notes 3.875%	09-2029	1.80	28.59	-

# Total Holdings 806

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

# PIMCO Commodity Real Ret Strat Instl PCRIX

# Portfolio Manager(s)

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

# Quantitative Screens

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

Management: The fund's management has been in place for 4.92 years.

Style Consistency is not calculated for Fixed Income funds.

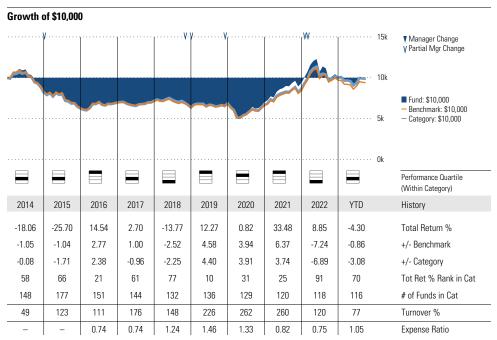
Net Expense: The fund's expense ratio of 0.99 is 5.71% lower than the Commodities Broad Basket category average.

# **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

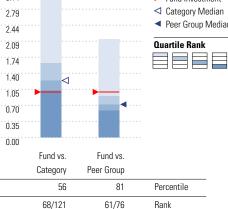
Metric Rating Sustainability Rating 06-30-2023 3





Updated





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

% Rank in Category # of Funds in Category Bmark Cat 1.67 0.99 87.55 15.98 16 87 0.89 0.92 Tracking Error 4.02 5.47 Information Ratio -0.03 0.11 Up Capture Ratio 107.90 101.07 Down Capture Ratio 115.74 93.74 **Portfolio Metrics** 

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

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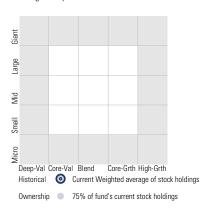
Morningstar Category Morningstar Index

Commodities Broad Basket

Bloomberg Commodity TR USD

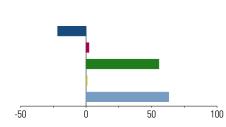
# PIMCO Commodity Real Ret Strat Instl PCRIX

Style Analysis as of 09-30-2023 Morningstar Style Box™



Large Mid

Small



	100.00	100.00
Other	63.09	15.59
Cash	0.80	45.59
Bonds	55.62	37.34
Non-US Stocks	2.21	0.76
US Stocks	-21.73	0.71
Asset Class	Net %	Cat%

# Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	t	• Be	nchma	rk 🛛	Categ	ory Av	verage				
Դ	Cyclical	-	-	44.68										[		
÷.	Basic Materials	-	-	44.68										0		
4	Consumer Cyclical	-	-	0.00	Ó											
, p	Financial Services	-	-	0.00	0											
ŵ	Real Estate	-	-	0.00	0											
₩.	Sensitive	-	_	51.07											0	
đ	Communication Services	-	-	0.00	Ó											
	Energy	-	-	48.94											[	
\$	Industrials	-	-	2.13	[											
	Technology	-	-	0.00	Ì											
•	Defensive	-	-	4.26												
-	Consumer Defensive	-	-	4.26		0										
÷	Healthcare	-	-	0.00	ĺ											
2	Utilities	-	-	0.00	Ó											
					0%	5	10	15	20	25	30	35	40	45	50	Ę

Style Breakdown Equity

Value Blend Growth

# Weight %

>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Thai Union Group Public Company Limited Future Sept 23	26.06	26.06	_	_
eq Euro Schatz Future Sept 23	19.30	45.36	_	-
€ US 5 Year Note (CBT) Sept13	15.39	60.75	_	-
€ Pimco Cayman Cmdty Fd Ltd Instl	12.50	73.25	_	-
$\ominus$ United States Treasury Notes 0.125%	12.19	85.44	-	-
∋ US 10 Year Note (CBT) Sept13	10.06	95.50	-	_
United States Treasury Notes 1.625%	9.81	105.30	_	-
$\ominus$ EUROPEAN MONETARY UNION EURO Sold	9.56	114.86	_	-
$\ominus$ EUROPEAN MONETARY UNION EURO Purchased	9.56	124.42	_	-
$\ominus$ US Treasury Bond Future Sept 23	9.16	133.59	-	-
⊕ TRS R 5.24/91282CDC2 MYC	9.16	142.75	-	_
United States Treasury Notes 0.125%	8.66	151.41	_	-
➔ TRS R 5.24/912828YL8 MYC	6.13	157.53	-	-
➔ TRS R 5.24/912828ZJ2 MYC	5.96	163.49	-	_
🗱 Offset: Unsettled Trades	5.57	169.06	_	-

# Total Holdings 802

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Commodities Broad Basket Bloomberg Commodity TR USD

Mori	ningsta	r Cat	egory		Mor	rning	star l	nde
~		-					~	

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

# Portfolio Manager(s)

Management Team since 07-1999

### Quantitative Screens

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

Management: The fund's management has been in place for 24.26 years.

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

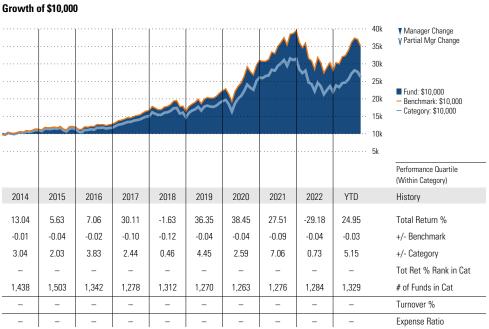
Net Expense: The fund's expense ratio of 0.04 is 95.29% lower than the Large Growth category average.

### **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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022



**Morningstar Category** 

Large Growth

### **Trailing Performance**



Geom Avg Mkt Cap \$B

ROE

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



39.31

39.32

418 79

33.78

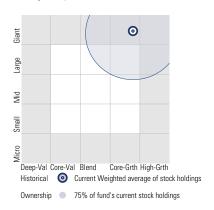
Morningstar Index

Russell 1000 Growth TR USD

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

**Style Analysis** as of 09-30-2023 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
➔ Apple Inc	12.52	12.52	32.32	Technology
➔ Microsoft Corp	10.89	23.41	32.51	Technology
€ Amazon.com Inc	5.55	28.96	51.33	Consumer Cyclical
➔ NVIDIA Corp	5.24	34.20	197.74	Technology
€ Alphabet Inc Class A	3.61	37.81	48.32	Communication Svc
m  m  m  m  m  m  m  m  m  m  m  m  m	3.18	40.99	103.13	Consumer Cyclical
$oldsymbol{eta}$ Alphabet Inc Class C	3.16	44.15	48.60	Communication Svc
$\oplus$ Meta Platforms Inc Class A	2.93	47.08	149.47	Communication Svc
$    ext{ }    $	2.10	49.17	47.75	Healthcare
$\oplus$ Visa Inc Class A	1.78	50.96	11.36	Financial Services
	1.69	52.64	51.02	Technology
	1.67	54.31	-3.88	Healthcare
Description: Mastercard Inc Class A	1.55	55.86	14.35	Financial Services
$oldsymbol{eta}$ The Home Depot Inc	1.50	57.36	-2.35	Consumer Cyclical
🕀 AbbVie Inc	1.16	58.52	-5.02	Healthcare

# Total Holdings 447

 $\oplus$  Increase  $\oplus$  Decrease 🕸 New to Portfolio

50

100

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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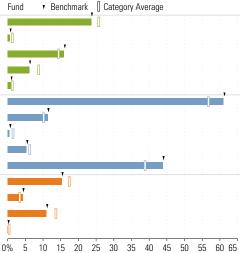
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Asset Class	Net %	Cat%
US Stocks	99.25	93.10
Non-US Stocks	0.21	4.78
Bonds	0.00	0.00
Cash	0.54	1.11
Other	0.00	0.99
Total	100.00	100.00

### Bmark Cat Fund Cyclical 23.64 23.62 25.76 Basic Materials 0.64 0.63 1.32 Consumer Cyclical 15.96 15.96 14.39 Financial Services 8.77 614 6 1 3 Real Estate 0.90 0.90 1.28 Sensitive 61.07 61.09 56.78 **Communication Services** 11.33 11.32 10.17 Energy 0.55 0.55 1.51 Industrials 5.35 5.35 6.25 Technology 43 84 43.87 38.85 15.30 Defensive 15.30 17.45 **Consumer Defensive** 4.27 4.27 3.41 Healthcare 10.97 10.97 13.64 Utilities 0.06 0.06 0.40





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Morningstar Category Morning

Large Growth

Morningstar Index Russell 1000 Growth TR USD

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

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

*Management:* The fund's management has been in place for 14.08 years.

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

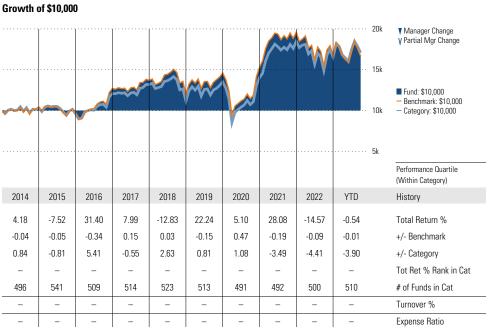
Net Expense: The fund's expense ratio of 0.05 is 95.54% lower than the Small Value category average.

### **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**

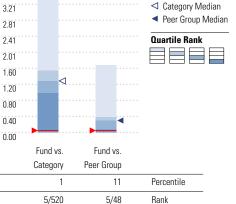
Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022



**Morningstar Category** 

Small Value





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

# of Funds in Category Fund Bmark Cat -0.11 3.37 0.94 1 00 100.00 93.31 23.16 Standard Deviation 23 15 22 57 Sharpe Ratio 0.56 0.56 0.69 Tracking Error 0.09 5.97 Information Ratio -1.41 0.51 Up Capture Ratio 99.86 98.85 Down Capture Ratio 100.23 88.84 **Portfolio Metrics** Fund Bmark Cat

9.47	9.46	11.18
1.23	1.23	1.61
1.88	1.89	4.32
7.70	7.74	15.96
	1.23 1.88	1.23     1.23       1.88     1.89

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Morningstar Index

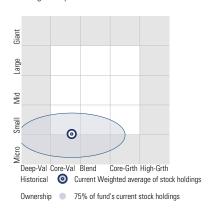
Russell 2000 Value TR USD

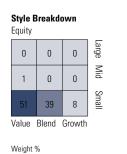
**Trailing Performance Total Return %** as of 09-30-2023 Fund Benchmark Category

1.20 0.80 0.40 

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

Style Analysis as of 09-30-2023 Morningstar Style Box™





>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Murphy Oil Corp	0.55	0.55	7.36	Energy
$\ominus$ Chord Energy Corp Ordinary Shares - New	0.55	1.10	25.32	Energy
$\ominus$ Commercial Metals Co	0.54	1.64	3.29	Basic Materials
$\ominus$ Matador Resources Co	0.48	2.13	4.70	Energy
$\ominus$ Civitas Resources Inc Ordinary Shares	0.47	2.59	49.97	Energy
⊖ SouthState Corp	0.44	3.04	-9.80	Financial Services
⇒ PBF Energy Inc Class A	0.44	3.48	32.74	Energy
$\ominus$ UFP Industries Inc	0.43	3.91	30.22	Basic Materials
$\ominus$ Essent Group Ltd	0.43	4.34	23.56	Financial Services
$\ominus$ SM Energy Co	0.42	4.76	15.13	Energy
⊖ Neogen Corp	0.41	5.17	21.73	Healthcare
⊖ Meritage Homes Corp	0.41	5.58	33.62	Consumer Cyclical
⊖ Taylor Morrison Home Corp	0.40	5.98	40.40	Consumer Cyclical
$\ominus$ Terreno Realty Corp	0.40	6.39	2.07	Real Estate
⊖ Kite Realty Group Trust	0.40	6.79	5.18	Real Estate

# Total Holdings 1421

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50 100 0

Bmark

50.27

4.83

10.56

21.98

12.90

32.96

2.59

9.72

12.98

7.67

16.76

3.55

9.18

4.03

Fund

50.27

4.78

10.61

22.06

12.82

32.97

2.60

9.71

12.96

7.70

16.76

3.54

9.20

4.02

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Energy

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Utilities

### Asset Class Net % Cat% **US Stocks** 97.77 93.12 Non-US Stocks 2.09 3.32 Bonds 0.00 0.04 Cash 0.14 3.43 0.00 Other 0.09 Total 100.00 100.00

### Benchmark [] Category Average Cat Fund 48.89 Π 6.19 14.62 21 51 6.57 38.47 2.00 7.26 19.02 10.19 12.63 4.04 5.96 2.63 0% 5 10 15 20 25 30 35 40 45 50 55

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**Morningstar Category** Morningstar Index Small Value

Russell 2000 Value TR USD

# Vanguard 500 Index Admiral VFIAX

# Portfolio Manager(s)

Donald Butler since 04-2016 Michelle Louie since 11-2017 Nick Birkett since 08-2023 Aaron Choi since 08-2023

# Quantitative Screens

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

*Management:* The fund's management has been in place for 7.43 years.

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

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

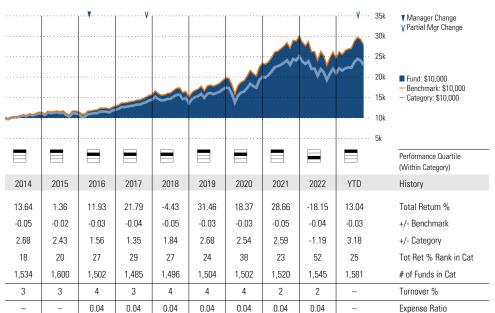
# **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

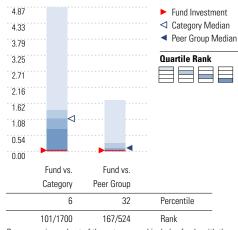
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Large Blend





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

984 – # of Funds in Category			
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	-	-0.66
Beta	1.00	-	0.95
R-Squared	100.00	-	94.61
Standard Deviation	17.85	17.85	17.40
Sharpe Ratio	0.51	0.52	0.45
Tracking Error	0.01	-	3.74
Information Ratio	-4.76	-	-1.15
Up Capture Ratio	99.93	-	93.16
Down Capture Ratio	100.07	-	95.77

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.41	22.40	22.25
Price/Book Ratio	3.99	3.98	4.46
Geom Avg Mkt Cap \$B	228.88	228.69	275.77
ROE	30.78	30.76	29.52

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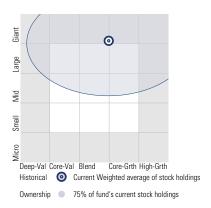


Morningstar Category Morningstar Index

S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™







# Weight %

>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.35	7.35	32.32	Technology
€ Microsoft Corp	6.45	13.81	32.51	Technology
€ Amazon.com Inc	3.26	17.07	51.33	Consumer Cyclical
➔ NVIDIA Corp	3.23	20.30	197.74	Technology
	2.14	22.44	48.32	Communication Svc
➔ Alphabet Inc Class C	1.86	24.30	48.60	Communication Svc
🕀 Tesla Inc	1.84	26.14	103.13	Consumer Cyclical
$oldsymbol{eta}$ Meta Platforms Inc Class A	1.73	27.87	149.47	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.70	29.57	13.40	Financial Services
	1.19	30.76	9.08	Energy
Đ UnitedHealth Group Inc	1.17	31.94	-3.88	Healthcare
$oldsymbol{eta}$ Eli Lilly and Co	1.16	33.10	47.75	Healthcare
m lacksquare JPMorgan Chase & Co	1.13	34.23	10.38	Financial Services
m lacebox Visa Inc Class A	1.05	35.27	11.36	Financial Services
igram Johnson & Johnson	1.03	36.30	-9.84	Healthcare

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

50

Fund

27.43

2.24

10.78

11.97

2.44

50.40

8.81

4.43

8.28

28 88

22.17

6.52

13.22

2.43

Bmark

27.45

2.23

10.77

12 01

2.44

50.38

8.81

4.42

8.29

28.86

22.17

6.53

13.21

2.43

100

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

# Total Holdings 510

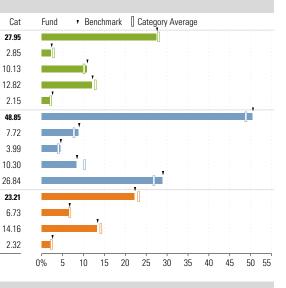
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



 Morningstar Category
 Morningstar Index

 Large Blend
 S&P 500 TR USD

Asset Class	Net %	Cat%
US Stocks	99.09	95.33
Non-US Stocks	0.54	2.48
Bonds	0.00	0.15
Cash	0.37	0.71
Other	0.00	1.34
Total	100.00	100.00



# Vanguard Developed Markets Index Admiral VTMGX

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 10.61 years.

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

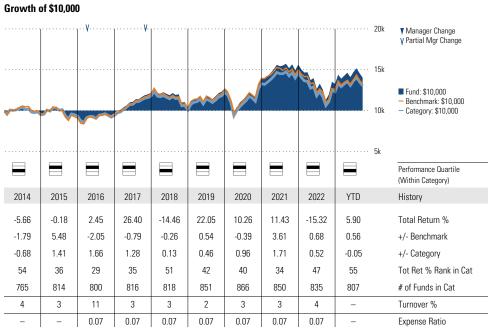
Net Expense: The fund's expense ratio of 0.07 is 91.95% lower than the Foreign Large Blend category average.

# **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



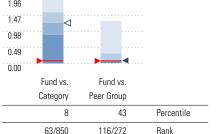
**Morningstar Category** 

Foreign Large Blend





ROE



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

Information Ratio 0.43 0.11 Up Capture Ratio 115.04 106.23 Down Capture Ratio 109.87 105.46 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 13 60 13 48 14 20 Price/Book Ratio 1.56 1.67 1.88 Geom Avg Mkt Cap \$B 29.59 42 75 56.55

16.69

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17.72

20.14

Morningstar Index

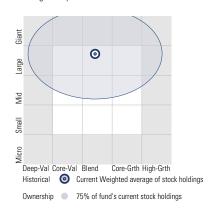
MSCI ACWI Ex USA NR USD

J4	30
765	814

# **Trailing Performance**

# Vanguard Developed Markets Index Admiral VTMGX

Style Analysis as of 09-30-2023 Morningstar Style Box™





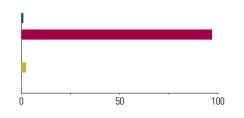


Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2023

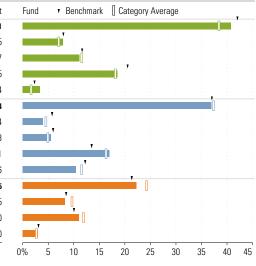


# Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	40.81	41.89	38.41
æ.	Basic Materials	7.87	7.82	7.05
	Consumer Cyclical	11.06	11.49	11.57
ц.	Financial Services	18.53	20.40	18.15
ŵ	Real Estate	3.35	2.18	1.64
V.	Sensitive	36.94	36.89	37.34
	Communication Services	3.93	5.62	4.54
0	Energy	5.56	5.82	4.93
¢	Industrials	17.02	13.36	16.31
	Technology	10.43	12.09	11.56
	Defensive	22.25	21.21	24.25
F	Consumer Defensive	8.23	8.36	9.65
٠	Healthcare	11.05	9.90	11.90
9	Utilities	2.97	2.95	2.70

Asset Class	Net %	Cat%
US Stocks	0.79	3.46
Non-US Stocks	96.81	93.89
Bonds	0.00	0.22
Cash	2.23	0.97
Other	0.16	1.45
Total	100.00	100.00



	Greater Asia	Fund % 36.29	Cat % 35.08	Americas	Fund % 10.36	Cat % 8.51	Greater Europe	Fund % 53.35	Cat % 56.41	Market Maturity	Fund %
	Japan	21.44	18.59	North America	10.34	7.23	United Kingdom	12.17	13.72	Developed Markets	99.45
	Australasia	6.85	4.86	Central/Latin	0.02	1.28	W euro-ex UK	40.28	41.70	Emerging Markets	0.55
	Asia-4 Tigers	7.81	6.61				Emrgng Europe	0.32	0.07	Not Available	0.00
	Asia-ex 4 Tigers	0.19	5.02				Africa	0.58	0.92		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ SIcmt1142	1.62	1.62	_	_
€ Nestle SA	1.52	3.13	-	Consumer Defensive
€ Novo Nordisk A/S Class B	1.36	4.50	-	Healthcare
$oldsymbol{eta}$ ASML Holding NV	1.22	5.72	_	Technology
$\oplus$ Samsung Electronics Co Ltd	1.13	6.85	-	Technology
€ LVMH Moet Hennessy Louis Vuitton SE	0.99	7.84	-	Consumer Cyclical
€ Shell PLC	0.99	8.82	-	Energy
Đ Toyota Motor Corp	0.97	9.80	-	Consumer Cyclical
$oldsymbol{eta}$ Roche Holding AG	0.96	10.76	-	Healthcare
$oldsymbol{\oplus}$ Novartis AG Registered Shares	0.96	11.71	_	Healthcare

# Total Holdings 4073

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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Morningstar Category

Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

# Vanguard Emerging Mkts Stock Idx Adm VEMAX

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

*Management:* The fund's management has been in place for 15.1 years.

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

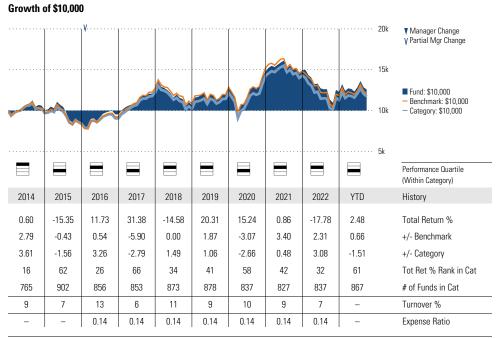
Net Expense: The fund's expense ratio of 0.14 is 87.72% lower than the Diversified Emerging Mkts category average.

# 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.

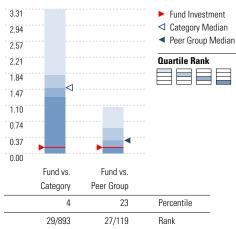
# **ESG Metrics**

Rating	Updated
2	08-31-2023
Medium Risk	12-31-2022
1-Low	02-15-2022
	2 Medium Risk









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

Cat Alpha 1.29 0.13 0.92 0.96 Beta 97.67 **R-Squared** 87.58 Standard Deviation 16 62 17 90 18 47 Sharpe Ratio -0.06 -0 12 -0.10 Tracking Error 2.94 6.34 Information Ratio 0.51 -0.02 Up Capture Ratio 96.57 98.68 Down Capture Ratio 90.75 98.67 Portfolio Matrice

	Fund	Bmark	Cat
Price/Earnings Ratio	12.95	12.44	13.62
Price/Book Ratio	1.68	1.57	1.94
Geom Avg Mkt Cap \$B	20.59	34.93	45.85
ROE	17.21	16.48	18.37

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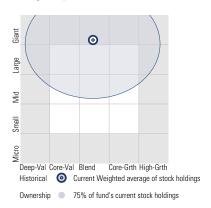


Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

# Vanguard Emerging Mkts Stock Idx Adm VEMAX

Style Analysis as of 09-30-2023 Morningstar Style Box™





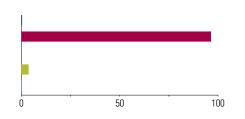


Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2023

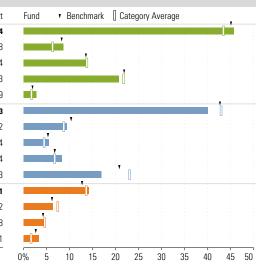


# Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	45.78	44.93	43.44
æ.	Basic Materials	8.63	8.10	6.28
	Consumer Cyclical	13.64	13.38	13.74
ц.	Financial Services	20.70	21.69	21.73
ŵ	Real Estate	2.81	1.76	1.69
V.	Sensitive	40.05	42.53	42.93
	Communication Services	9.38	10.16	8.72
0	Energy	5.44	5.13	4.44
Ф	Industrials	8.28	6.60	6.74
	Technology	16.95	20.64	23.03
	Defensive	14.17	12.54	13.61
F	Consumer Defensive	6.37	6.01	7.42
٠	Healthcare	4.53	4.06	4.58
9	Utilities	3.27	2.47	1.61

# at% .39 .61 .00 .75 .24 .00



4		Greater Asia	Fund % 75.84	Cat % 74.43	Americas	Fund % 10.26	Cat % 15.31	Greater Europe	Fund % 13.90	Cat % 10.24	Market Maturity	Fund %
		Japan	0.00	0.08	North America	0.17	2.89	United Kingdom	0.00	0.58	Developed Markets	22.45
		Australasia	0.00	0.00	Central/Latin	10.09	12.42	W euro-ex UK	0.69	1.92	Emerging Markets	77.55
		Asia-4 Tigers	18.05	27.40				Emrgng Europe	1.76	1.50	Not Available	0.00
		Asia-ex 4 Tigers	57.79	46.95				Africa	11.45	6.24		
		Not Classified	0.00	0.00								
>75	5											

Top 10 Holdings as of 09-30-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
onumber  onumber Taiwan Semiconductor Manufacturing Co Ltd	4.91	4.91	_	Technology
🕀 Tencent Holdings Ltd	3.55	8.46	-	Communication Svc
$oldsymbol{eta}$ Alibaba Group Holding Ltd Ordinary Shares	2.75	11.20	0.00	Consumer Cyclical
€ Mktliq 12/31/2049	1.53	12.74	-	-
€ Slbbh1142	1.43	14.16	-	-
$ onumber \in \mathbb{R}^n$ Reliance Industries Ltd	1.34	15.50	-	Energy
Đ Meituan Class B	1.21	16.72	-	Consumer Cyclical
€ Infosys Ltd	0.83	17.55	-	Technology
Taiwan Semiconductor Manufacturing Co Ltd ADR	0.81	18.36	18.48	Technology
➔ HDFC Bank Ltd	0.77	19.13	_	Financial Services

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio

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Morningstar Index **Morningstar Category** MSCI EM NR USD

Diversified Emerging Mkts

Total	100.00	100.0
Other	0.04	0.2
Cash	3.48	1.7
Bonds	0.00	0.0
Non-US Stocks	96.31	94.6
US Stocks	0.17	3.3
Asset Class	Net %	Cat

# Vanguard High-Yield Corporate Adm VWEAX

# Portfolio Manager(s)

Elizabeth Shortsleeve since 08-2022 Michael Chang since 08-2022

# Quantitative Screens

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

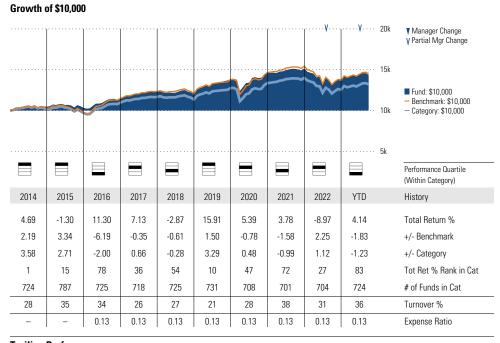
× Management: The fund's management team has been in place for less than three years.

Style Consistency is not calculated for Fixed Income funds.

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

# **Morningstar Investment Management LLC Analysis**

This funds fails the manager tenure screen due to the unexpected departure of Michael Hong from Wellington, which subadvises 2/3 of the this portfolio (Vanguard has been managing the other 1/3 since 2022). Elizabeth Shortsleev, of Wellington, has been a portfolio manager on this fund since 2022, so while both remaining managers have relatively short tenures with the fund, we retain confidence in the process and in the underlying research resources at both Vanguard and Wellington.





Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.82	-	3.29
Avg Eff Maturity	5.20	-	4.97

<sup>15/743</sup> 37/467 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

8

Percentile

Rank

Fund vs Peer Group

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Fund vs

Category 2



Cat

0.09

1.89

Morningstar Index

**Morningstar Category** 

High Yield Bond

ICE BofA US High Yield TR USD

# Vanguard High-Yield Corporate Adm VWEAX

# Style Analysis as of 09-30-2023



Duration



50 100 0

### Asset Class Net % Cat% US Stocks 0.00 0.60 Non-US Stocks 0.00 0.13 Bonds 95.60 94.59 Cash 4.40 3.17 Other 0.00 1.50 Total 100.00 100.00

# Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	5.83	-	2.28
AA	2.25	-	0.12
A	0.09	-	0.35
BBB	6.74	-	6.05
BB	49.00	-	40.00
В	33.36	-	37.20
Below B	2.48	-	11.37
Not Rated	0.25	-	2.63

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	4.92	-	1.21			
Treasury	4.92	-	0.93	()		
Inflation - Protected	0.00	-	0.01	0		
Agency/Quasi Agency	0.00	-	0.02	0		
Other Government Related	0.00	-	0.25	[		
Corporate	90.58	-	90.77			
Corporate Bond	87.50	-	87.93			0
Bank Loan	3.08	-	2.42			
Convertible	0.00	-	0.39	0		
Preferred	0.00	-	0.03	0		
Securitized	0.09	-	1.17	10		
Agency MBS Pass-Through	0.00	-	0.03	0		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.06	0		
Non-Agency Residential MBS	0.00	-	0.07	0		
Commercial MBS	0.00	-	0.09	]		
Asset-Backed	0.09	-	0.92	1		
Covered Bond	0.00	-	0.00	1		
Municipal	0.00	-	0.03	]		
Cash & Equivalents	4.41	-	4.76			
Other	0.00	-	2.08	10		

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 9095

### Top 10 Holdings as of 09-30-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ⊕ United States Treasury Notes 1.59 1.59 \_ Mktlig 12/31/2049 1.24 2.83 \_ ⊖ Imola Merger Corp. 0.90 3.73 \_ ① Jpm Triparty Treasury 0.79 4.52 \_ United States Treasury Notes 0.68 5.21 \_ ⊕ United States Treasury Bills 0.68 5.88 \_ \_ • United States Treasury Notes 0.66 6.55 \_ $\odot$ Herc Holdings Inc 0.65 7.20 \_ ⊖ Mozart Debt Merger Subordinated Inc. 0.63 7.83 \_ SS&C Technologies, Inc. 0.62 8.45 \_

# Total Holdings 795

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** High Yield Bond

Morningstar Index ICE BofA US High Yield TR USD

Style Breakdown

# Vanguard Inflation-Protected Secs Adm VAIPX

# 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.

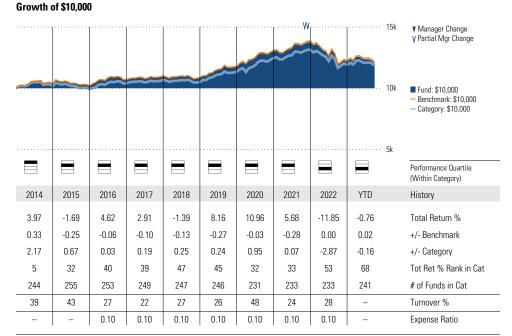
Net Expense: The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

# **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**

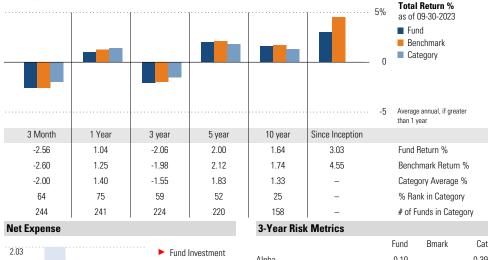
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

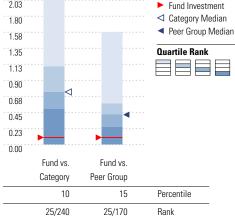


**Morningstar Category** 

Inflation-Protected Bond

# **Trailing Performance**





		outog	joi j / Holugo	/0		
25	-	<ul> <li>% Rank in Category</li> </ul>				
158	-	# of F	unds in Cate	gory		
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		-0.10	-	0.39		
Beta		0.99	-	0.89		
R-Squared		99.72	-	93.36		
Standard Devia	tion	6.81	6.86	6.33		
Sharpe Ratio		-0.56	-0.55	-0.44		
Tracking Error		0.37	-	1.95		
Information Rat	io	-0.23	-	-0.07		
Up Capture Rati	0	98.80	-	90.18		
Down Capture F	latio	99.91	-	86.17		
Portfolio M	atrice					

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.85	4.52	5.88
Avg Eff Maturity	7.30	-	6.75

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

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Morningstar Index Bloomberg US Treasury US TIPS TR

USD

# Vanguard Inflation-Protected Secs Adm VAIPX

# Style Analysis as of 09-30-2023



0 50 100

Asset Class	Net %	Cat%
US Stocks	0.00	0.11
Non-US Stocks	0.00	0.00
Bonds	99.11	99.64
Cash	0.89	-0.10
Other	0.00	0.36
Total	100.00	100.00

# Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.91	0.00	88.72
AA	0.00	99.60	3.39
А	0.00	0.00	1.89
BBB	0.00	0.00	2.59
BB	0.00	0.00	1.01
В	0.00	0.00	0.58
Below B	0.00	0.00	0.20
Not Rated	0.09	0.40	1.62

	Fund	Bmark	Cat	Fund • Benchmark 🛛 Category Average
Government	99.11	-	90.29	
Treasury	2.35	-	0.28	
Inflation – Protected	96.76	-	80.77	
Agency/Quasi Agency	0.00	-	0.09	
Other Government Related	0.00	-	9.15	
Corporate	0.00	-	1.40	0
Corporate Bond	0.00	-	1.37	
Bank Loan	0.00	-	0.03	0
Convertible	0.00	-	0.00	Ū i i i i i i i i i i i i i i i i i i i
Preferred	0.00	-	0.00	Ú .
Securitized	0.00	-	4.02	
Agency MBS Pass-Through	0.00	-	1.19	0
Agency MBS ARM	0.00	-	0.00	Ū l
Agency MBS CMO	0.00	-	0.27	0
Non-Agency Residential MBS	0.00	-	0.06	
Commercial MBS	0.00	-	0.20	0
Asset-Backed	0.00	-	2.04	10
Covered Bond	0.00	-	0.26	
Municipal	0.00	-	0.00	
Cash & Equivalents	0.89	-	4.18	
Other	0.00	-	0.10	

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9{\color{red}{500}}$ 

### Top 10 Holdings as of 09-30-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ⊖ United States Treasury Notes 3.66 3.66 \_ ⊖ United States Treasury Notes 3.41 7.07 \_ ⊕ United States Treasury Notes 3.32 10.39 \_ ⊖ United States Treasury Notes 3.24 13.63 ⊖ United States Treasury Notes 3.21 16.84 \_ United States Treasury Notes 3.10 19.94 \_ \_ ⊖ United States Treasury Notes 3.03 22.97 \_ ⊖ United States Treasury Notes 3.02 26.00 \_ ⊖ United States Treasury Notes 2.97 28.97 \_ ⊖ United States Treasury Notes 2.96 31.93 \_

# Total Holdings 58

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Morningstar Category Mon Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

# Vanguard International Growth Adm VWILX

# 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 13.76 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 0.34 is 66.99% lower than the Foreign Large Growth category average.

# Morningstar Investment Management LLC Analysis

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

# **ESG Metrics**

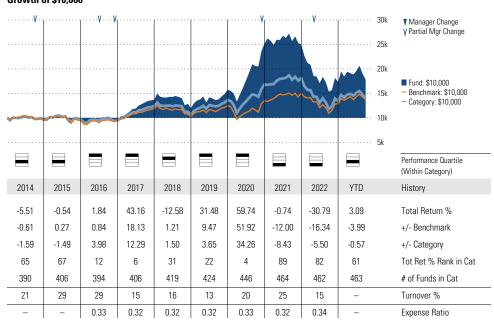
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022





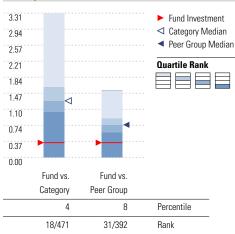
MSCI EAFE NR USD

Morningstar Index



# **Trailing Performance**





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	-10.23	-	-7.10
Beta	1.12	-	1.00
R-Squared	75.93	-	85.01
Standard Deviation	23.40	18.23	19.94
Sharpe Ratio	-0.18	0.28	-0.08
Tracking Error	11.68	-	7.79
Information Ratio	-0.89	-	-0.96
Up Capture Ratio	78.33	-	87.36
Down Capture Ratio	120.18	-	117.78

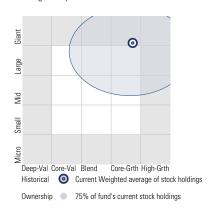
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.19	13.87	22.08
Price/Book Ratio	3.54	1.69	3.45
Geom Avg Mkt Cap \$B	59.17	47.39	61.22
ROE	18.06	18.84	22.50

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# Vanguard International Growth Adm VWILX

Style Analysis as of 09-30-2023 Morningstar Style Box™





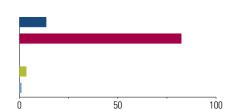


Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2023



Asset Allocation as of 09-30-2023

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### Asset Class Net % Cat% US Stocks 13.50 7.23 Non-US Stocks 82.25 89.86 Bonds 0.00 0.04 Cash 3.35 2.25 0.90 Other 0.62 Total 100.00 100.00

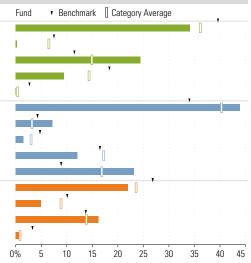
Morningstar Index

MSCI EAFE NR USD

Morningstar Category

Foreign Large Growth

### Sector Weighting as of 09-30-2023 Cat Fund Bmark Cyclical 34.11 39.46 36.15 Basic Materials 0.28 7.36 6.50 Consumer Cyclical 24.39 11.35 14.91 Financial Services 944 18 20 14.36 Real Estate 0.00 2.55 0.38 Sensitive 43.93 33.86 40.29 **Communication Services** 7.16 4.13 3.19 Energy 3.01 1.54 4.62 Industrials 12.09 16.35 17.23 Technology 8.76 23.14 16.86 21.95 26.68 Defensive 23.57 **Consumer Defensive** 4.97 9.95 8.87 Healthcare 16.20 13.58 13.85 Utilities 0.78 3.15 0.85



1	Greater Asia	Fund % 28.28	Cat % 27.04	Americas	Fund % 21.70	Cat % 14.91	Greater Europe	Fund % 50.03	Cat % 58.05	Market Maturity	Fund %
	Japan	7.66	11.60	North America	14.97	12.77	United Kingdom	6.12	12.35	Developed Markets	81.34
	Australasia	1.11	1.55	Central/Latin	6.73	2.14	W euro-ex UK	42.73	45.17	Emerging Markets	18.66
	Asia-4 Tigers	7.57	6.63				Emrgng Europe	0.00	0.04	Not Available	0.00
	Asia-ex 4 Tigers	11.94	7.26				Africa	1.18	0.49		
	Not Classified	0.00	0.00								
	•										

Top 10 Holdings as of 09-30-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ ASML Holding NV	5.59	5.59	_	Technology
∋ MercadoLibre Inc	4.89	10.48	49.83	Consumer Cyclical
$\ni$ Adyen NV	4.10	14.58	-	Technology
igop Taiwan Semiconductor Manufacturing Co Ltd	3.02	17.60	-	Technology
$\oplus$ Tencent Holdings Ltd	2.90	20.50	-	Communication Svc
∋ Spotify Technology SA	2.79	23.29	95.87	Communication Svc
➔ Mktliq 12/31/2049	2.72	26.00	-	-
Kering SA	2.61	28.62	-	Consumer Cyclical
Moderna Inc	2.51	31.12	-42.50	Healthcare
Ferrari NV	2.08	33.20	-	Consumer Cyclical

# Total Holdings 146

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# Vanguard International Value Inv VTRIX

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

### **Quantitative Screens**

Shirley Woo since 10-2020

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

*Management:* The fund's management has been in place for 13.35 years.

× Style: The fund has landed in its primary style box — Large Value - 41.67 % of the time over the past three years.

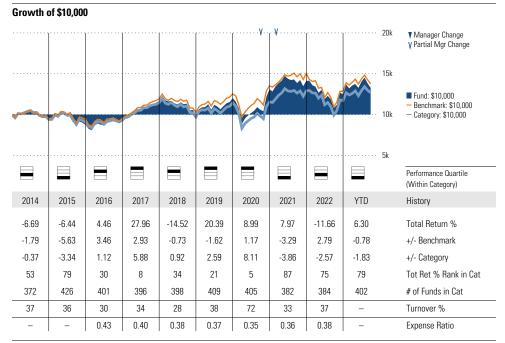
Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

# **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.

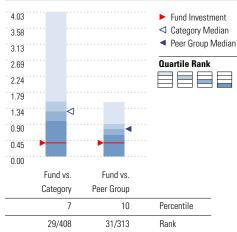
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022



# **Trailing Performance**





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

**3-Year Risk Metrics** Fund **Bmark** Cat Alpha 1.95 3.13 1.03 0.99 Beta 91.86 R-Squared 89.42 Standard Deviation 19.53 18 23 19 11 Sharpe Ratio 0.37 0 28 0 43 Tracking Error 5 59 6.38 Information Ratio 0.37 0.49 Up Capture Ratio 103.77 103.27 Down Capture Ratio 95.95 91.00

### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 13.59 13 87 10.37 Price/Book Ratio 1.75 1.69 1.28 Geom Avg Mkt Cap \$B 32.88 47 39 36.88 ROE 16.60 18.84 15.89

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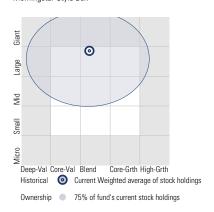


**Morningstar Category** Morningstar Index Foreign Large Value

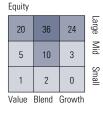
MSCI EAFE NR USD

# Vanguard International Value Inv VTRIX

Style Analysis as of 09-30-2023 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2023



50

100

Bmark

39.46

7.36

11.35

18 20

2.55

33.86

4.13

4.62

16.35

8.76

26.68

9.95

13.58

3.15

Fund

42.65

10.36

17.03

14.39

0.87

40.83

4.93

5.83

18.89

11.18

16.51

6.36

7.86

2.29

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

0

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Energy

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Utilities

Net %	Cat%
5.12	3.43
90.05	94.75
0.00	0.04
4.45	1.54
0.38	0.22
100.00	100.00
	5.12 90.05 0.00 4.45 0.38

### Benchmark [] Category Average Cat Fund 42.56 8.52 10.95 21.92 1.17 35.22 5.17 7.93 15.02 T 7.10 22.22 8.66 9.76 3.80 0% 10 15 20 25 30 35 40 45 5

4		Greater Asia	Fund % 39.15	Cat % 30.58	Americas	Fund % 12.07	Cat % 9.36	Greater Europe	Fund % 48.77	Cat % 60.05	Market Maturity	Fund %
		Japan	12.25	16.72	North America	7.96	8.12	United Kingdom	14.74	17.06	Developed Markets	81.22
		Australasia	0.57	3.68	Central/Latin	4.11	1.24	W euro-ex UK	33.73	42.12	Emerging Markets	18.78
		Asia-4 Tigers	11.87	7.21				Emrgng Europe	0.00	0.11	Not Available	0.00
		Asia-ex 4 Tigers	14.46	2.97				Africa	0.30	0.76		
		Not Classified	0.00	0.00								
>7	5											

Top 10 Holdings as of 09-30-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.70	3.70	_	_
Alibaba Group Holding Ltd Ordinary Shares	1.82	5.52	-	Consumer Cyclical
$\ni$ HSBC Holdings PLC	1.63	7.15	-	Financial Services
$\ni$ Holcim Ltd	1.53	8.68	-	Basic Materials
⇒ Airbus SE	1.50	10.18	-	Industrials
AIA Group Ltd	1.48	11.67	-	Financial Services
BP PLC	1.47	13.14	-	Energy
€ Ryanair Holdings PLC ADR	1.39	14.53	30.03	Industrials
€ Roche Holding AG	1.31	15.84	-	Healthcare
🕀 Taiwan Semiconductor Manufacturing Co Ltd	1.30	17.14	_	Technology

# Total Holdings 229

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category

Morningstar Index Foreign Large Value MSCI EAFE NR USD

# Vanguard Mid-Cap Growth Index Admiral VMGMX

Portfolio Manager(s)

Donald Butler since 02-2013 Awais Khan since 07-2021 Aurélie Denis since 02-2023 Aaron Choi since 08-2023

# Quantitative Screens

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

Management: The fund's management has been in place for 10.61 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 93.4% lower than the Mid-Cap Growth category average.

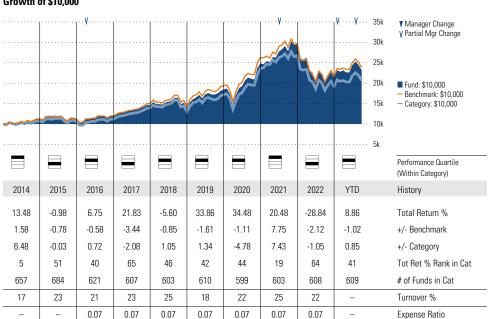
# Morningstar Investment Management LLC Analysis

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	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





Morningstar Category

Mid-Cap Growth





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

Cat -1.41 0.98 98.39 R-Squared 90.19 Standard Deviation 21.38 21 11 22.04 Sharpe Ratio 0.16 0 13 0.07 Tracking Error 2.71 6.86 Information Ratio 0.23 -0.38 Up Capture Ratio 103.31 96.49 Down Capture Ratio 101.25 102.58

### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 25.91 26 49 27.73 Price/Book Ratio 4.89 7.98 5.01 Geom Avg Mkt Cap \$B 27 25 21 22 20.35 ROE 17.37 22.49 15.69

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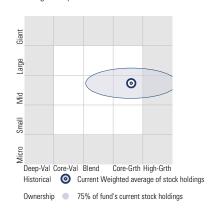


Morningstar Index

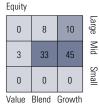
Russell Mid Cap Growth TR USD

# Vanguard Mid-Cap Growth Index Admiral VMGMX

Style Analysis as of 09-30-2023 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Amphenol Corp Class A	1.70	1.70	11.14	Technology
	1.54	3.24	6.66	Technology
🕀 TransDigm Group Inc	1.52	4.76	33.90	Industrials
➔ Arista Networks Inc	1.46	6.22	51.57	Technology
onumber  onumber	1.45	7.67	12.74	Technology
🕀 Cintas Corp	1.41	9.08	7.32	Industrials
🕀 Hess Corp	1.38	10.46	8.81	Energy
ON Semiconductor Corp	1.37	11.83	49.03	Technology
m left Old Dominion Freight Line Inc Ordinary Shares	1.36	13.20	44.60	Industrials
	1.34	14.54	11.19	Financial Services
€ IQVIA Holdings Inc	1.34	15.87	-3.97	Healthcare
➔ Welltower Inc	1.33	17.20	27.77	Real Estate
€ DexCom Inc	1.27	18.47	-17.61	Healthcare
	1.24	19.71	41.53	Industrials
🕀 Realty Income Corp	1.22	20.93	-17.66	Real Estate

# Total Holdings 165

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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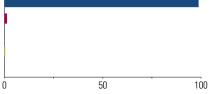
đ

Energy

¢

F

Utilities



Fund

25.34

3.22

9.47

5.99

6.66

58.13

5.07

6.68

16.59

29.79

16.51

1.71

14.80

0.00

Bmark

23.46

0.90

12.36

8 56

1.64

52.20

3.54

4.19

18.06

26.41

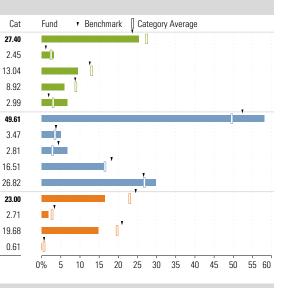
24.35

3.14

0.44

20.77

### Asset Class Net % Cat% US Stocks 98.64 93.49 Non-US Stocks 1.14 4.04 Bonds 0.00 0.11 Cash 0.22 1.74 0.00 Other 0.64 Total 100.00 100.00





Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

# Vanguard Mid-Cap Value Index Admiral VMVAX

Portfolio Manager(s)

Donald Butler since 08-2006 Awais Khan since 07-2021 Aurélie Denis since 02-2023 Aaron Choi since 08-2023

# Quantitative Screens

*Performance:* The fund has finished in the Mid-Cap 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 17.13 years.

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

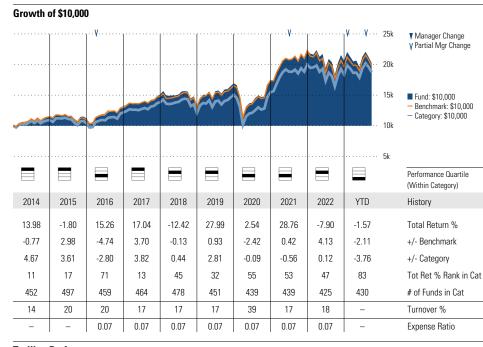
Net Expense: The fund's expense ratio of 0.07 is
 92.78% lower than the Mid-Cap Value category average.

# 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	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Mid-Cap Value



3.14			Fund Investment
2.79			Category Median
2.44			Peer Group Median
2.09			Quartile Rank
1.74			
1.40		••••••	
1.05		••••••	
0.70	• • • •	••••••	
0.35	• • • • •	••••••	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	3	6	Percentile
	10/437	2/39	Rank
Poor group	ie a cubeot	of the category a	nd includes funds with the

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

Cat 2.65 Beta 0.98 0.96 98.69 **R-Squared** 94.38 Standard Deviation 19 22 19.86 19.94 Sharpe Ratio 0.54 0 52 0.63 Tracking Error 2 32 4.81 Information Ratio 0.14 0.55 Up Capture Ratio 98.13 100.27 Down Capture Ratio 96.15 90.56

### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 16 14 15.63 14 80 Price/Book Ratio 2.08 2.12 1.91 Geom Avg Mkt Cap \$B 22 72 17 17 13.33 ROE 17.07 13.69 14.35

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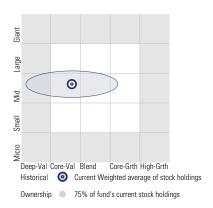


Morningstar Index

Russell Mid Cap Value TR USD

# Vanguard Mid-Cap Value Index Admiral VMVAX

Style Analysis as of 09-30-2023 Morningstar Style Box™





Value Blend Growth

Weight %

>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Arthur J. Gallagher & Co	1.52	1.52	21.77	Financial Services
e Carrier Global Corp Ordinary Shares	1.48	3.01	34.72	Industrials
∋ Nucor Corp	1.34	4.34	19.78	Basic Materials
⇒ PACCAR Inc	1.33	5.67	30.02	Industrials
$\ominus$ Digital Realty Trust Inc	1.19	6.85	24.34	Real Estate
⊖ PG&E Corp	1.18	8.04	-0.80	Utilities
$\ni$ Baker Hughes Co Class A	1.13	9.17	21.57	Energy
$\ni$ D.R. Horton Inc	1.13	10.30	21.40	Consumer Cyclical
$\ni$ Rockwell Automation Inc	1.11	11.40	12.36	Industrials
$ igoperatorname{3}$ Ameriprise Financial Inc	1.09	12.49	7.15	Financial Services
⊖ Corteva Inc	1.05	13.54	-12.18	Basic Materials
⊖ Centene Corp	1.04	14.59	-16.01	Healthcare
ightarrow Global Payments Inc	1.02	15.61	16.94	Industrials
ightarrow Ferguson PLC	1.02	16.63	-	Industrials
⇒ United Rentals Inc	1.01	17.65	26.33	Industrials

# Total Holdings 195

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio

50

Fund

44.10

6.34

9.35

17.89

10.52

28.55

2.61

3.18

15.12

7.64

27.35

6.15

8.57

12.63

Bmark

41.67

6.29

10.23

14 59

10.56

39.91

3.59

5.64

18.32

12.36

18.41

3.76

7.48

7.17

100

Cat

40.33

5.17

11.91

17 12

6.13

36.95

3.15

5.73

17.63

10.44

22.70

6.52

9.81

6.37

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	97.94	90.26
Non-US Stocks	1.61	7.17
Bonds	0.00	0.01
Cash	0.45	2.08
Other	0.00	0.49
Total	100.00	100.00

Morningstar Index

Russell Mid Cap Value TR USD

Morningstar Category

Mid-Cap Value

# Fund • Benchmark [] Category Average

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# Vanguard Real Estate Index Admiral VGSLX

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

Management: The fund's management has been in place for 27.4 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend - 91.43 % of the time over the past three years.

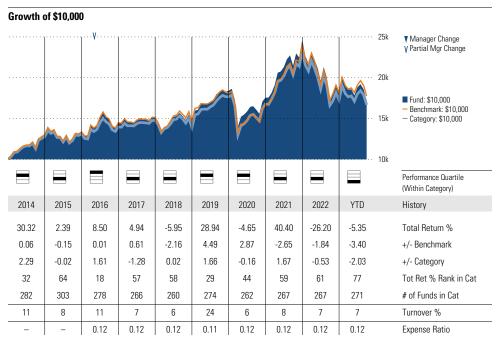
Net Expense: The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

# Morningstar Investment Management LLC Analysis

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

# **ESG Metrics**

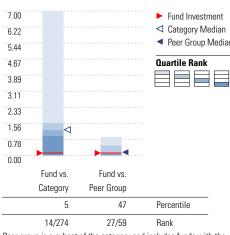
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Real Estate





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

Cat -2.17 0.96 94.42 20.13 0.16 4.33 Information Ratio -1.53 -0.70 Up Capture Ratio 95.82 92.28 Down Capture Ratio 106.86 99.74

### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 29.65 38 46 31.64 Price/Book Ratio 2.23 2.42 2.27 Geom Avg Mkt Cap \$B 21.33 935 31 22 ROE 12.99 9.56 14.92

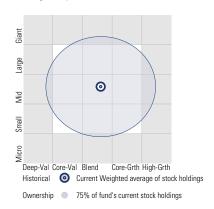
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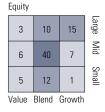
S&P United States REIT TR USD

# Vanguard Real Estate Index Admiral VGSLX

Style Analysis as of 09-30-2023 Morningstar Style Box™







# We

# Т

Weight %	🛨 Healthcare	0.00 0.00	0.01		
>50 25-50 10-25 0-10	<b>V</b> tilities	0.00 0.00	0.06		
			0% 5 1	10 15 20 25 30 35 4	0 45 50 55 60 65 70 75 80 85 90 9500
Top 15 Holdings as of 09-30-2023					
Name		% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index		12.67	12.67	_	_
⊖ Prologis Inc		7.75	20.42	1.85	Real Estate
igodot American Tower Corp		5.71	26.13	-20.90	Real Estate
⊖ Equinix Inc		4.94	31.06	12.44	Real Estate
Public Storage		2.95	34.02	-2.74	Real Estate
igodot Crown Castle Inc		2.94	36.96	-28.69	Real Estate
⊖ Welltower Inc		2.68	39.64	27.77	Real Estate
🕀 Realty Income Corp		2.55	42.19	-17.66	Real Estate
⊖ Digital Realty Trust Inc		2.46	44.65	24.34	Real Estate
$\ominus$ Simon Property Group Inc		2.43	47.08	-3.32	Real Estate
⊖ CoStar Group Inc		2.26	49.35	-0.50	Real Estate
igodot Extra Space Storage Inc		1.84	51.18	-14.09	Real Estate
igodot VICI Properties Inc Ordinary Shares		1.82	53.01	-6.50	Real Estate
⊖ CBRE Group Inc Class A		1.79	54.79	-4.03	Real Estate
AvalonBay Communities Inc		1.76	56.56	9.39	Real Estate

# Total Holdings 165

🕀 Increase 👄 Decrease 🕸 New to Portfolio

50 100

1.02 0.00	0.51 10.42
1.02	0.51
0.00	3.40
0.02	1.18
98.96	84.46
Net %	Cat%
	98.96 0.02

**Morningstar Index** 

S&P United States REIT TR USD

**Morningstar Category** 

Real Estate

# Sector Weighting as of 09-30-2023

0

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	۲	Be	nchn	nark	]	Cateo	gory <i>i</i>	Aver	rage			
Դ	Cyclical	99.14	99.13	99.22											•		
æ.	Basic Materials	0.00	0.00	0.05	ĺ												
	Consumer Cyclical	0.00	0.13	1.55	1												
<b>a</b>	Financial Services	0.00	0.00	0.29	ĺ												
ŵ	Real Estate	99.14	99.00	97.33													
Va.	Sensitive	0.86	0.87	0.71	[												
d	Communication Services	0.86	0.00	0.20													
•	Energy	0.00	0.00	0.04	[												
Ф	Industrials	0.00	0.87	0.26													
	Technology	0.00	0.00	0.21													
-	Defensive	0.00	0.00	0.07													
F	Consumer Defensive	0.00	0.00	0.00	0												
٠	Healthcare	0.00	0.00	0.01													
9	Utilities	0.00	0.00	0.06													
					00/ E 10	1	20	0 0		- 10	45.5			0	 7 1		0700



# Vanguard Small Cap Growth Index Admiral VSGAX

# 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 18.76 years.

Style: The fund has landed in its primary style box — Small Growth — 81.25 % of the time over the past three years.

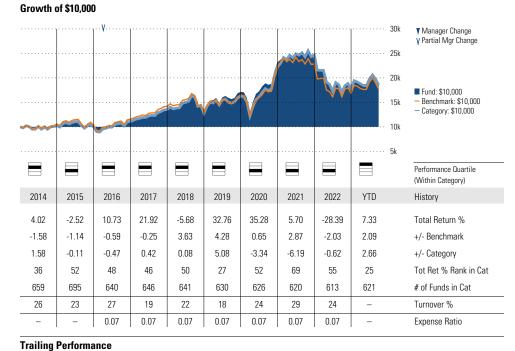
Net Expense: The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

# Morningstar Investment Management LLC Analysis

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD



6.02			Fund Investment
5.35			Category Median
4.68			<ul> <li>Peer Group Media</li> </ul>
4.01			Quartile Rank
3.34			
2.68			
2.01	• •••••		
1.34	·		
0.67	• • • • • •		
0.00	• <b>••••</b> ••••		
	Fund vs.	Fund vs.	
	Category	Peer Group	
	2	27	Percentile
	8/628	9/35	Rank

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

89.86 Standard Deviation 21 75 22.93 22 32 Sharpe Ratio 0.03 0.07 0.07 Tracking Error 4.48 7.45 Information Ratio -0.15 -0.01 Up Capture Ratio 96.49 94.65 Down Capture Ratio 98.74 94.64 **Portfolio Metrics** Fund Bmark Cat

Price/Earnings Ratio	24.33	20.11	24.88
Price/Book Ratio	3.65	3.83	3.93
Geom Avg Mkt Cap \$B	5.91	2.75	5.46
ROE	9.62	9.52	14.27

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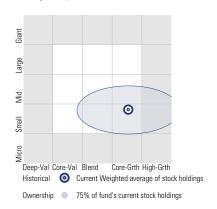
Cat

0.22

0.92

# Vanguard Small Cap Growth Index Admiral VSGAX

Style Analysis as of 09-30-2023 Morningstar Style Box™





Weight %

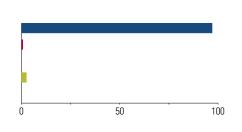
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>50 25-50 10-25 0-10
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# Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	2.42	2.42	_	_
	1.02	3.44	45.10	Technology
🕀 Targa Resources Corp	0.93	4.37	18.46	Energy
➔ PTC Inc	0.83	5.20	18.03	Technology
$\oplus$ Entegris Inc	0.72	5.92	43.63	Technology
€ Exact Sciences Corp	0.72	6.64	37.79	Healthcare
$\oplus$ Axon Enterprise Inc	0.71	7.35	19.92	Industrials
➔ Deckers Outdoor Corp	0.66	8.02	28.79	Consumer Cyclical
€ Vertiv Holdings Co Class A	0.64	8.66	172.33	Industrials
$\oplus$ Liberty Formula One Group Registered Shs Series -C- Formula One	0.64	9.30	6.23	Communication Svc
€ Lattice Semiconductor Corp	0.64	9.94	32.44	Technology
€ Graco Inc	0.60	10.54	9.40	Industrials
€ Nordson Corp	0.60	11.14	-5.29	Industrials
	0.60	11.73	62.82	Technology
🕀 Bio-Techne Corp	0.59	12.32	-17.58	Healthcare

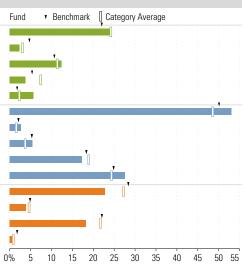
# Total Holdings 652

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



# Sector Weighting as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	24.12	21.85	24.20
<b>.</b> #.	Basic Materials	2.30	4.54	3.06
	Consumer Cyclical	12.40	10.51	11.41
ц <u>е</u>	Financial Services	3.72	5.19	7.41
ŵ	Real Estate	5.70	1.61	2.32
Vvr	Sensitive	53.05	49.92	48.57
	Communication Services	2.74	1.93	1.58
<b>0</b>	Energy	5.43	5.13	3.72
₽	Industrials	17.34	18.17	18.92
	Technology	27.54	24.69	24.35
-	Defensive	22.84	28.21	27.22
F	Consumer Defensive	3.94	4.71	4.65
٠	Healthcare	18.20	21.89	21.71
	Utilities	0.70	1.61	0.86



**Morningstar Category** 

Asset Class

US Stocks

Bonds

Cash

Other

Total

Non-US Stocks

Morningstar Index

Russell 2000 Growth TR USD

Net %

96.94

0.62

0.00

2.43

0.00

100.00

Cat%

91.66

4.65

0.02

2.44

1.21

100.00

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Asset Allocation as of 09-30-2023

# Vanguard Total World Stock Index Admiral VTWAX

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 4 of the 4 years it's been in existence.

Management: The fund's management has been in place for 10.61 years.

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

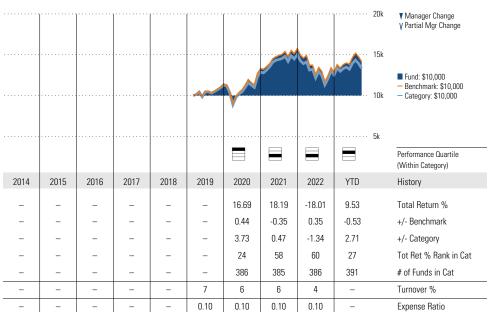
Net Expense: The fund's expense ratio of 0.1 is 89.58% lower than the Global Large-Stock Blend category average.

# **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.

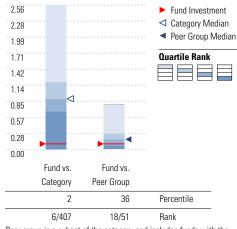
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



# **Trailing Performance**





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

Fund Bmark Cat Alpha 0.07 -0.39 0.98 Beta 1 01 \_ 99.78 **R-Squared** 92.28 Standard Deviation 17.36 17 09 17 39 Sharpe Ratio 0.36 0.35 0.32 Tracking Error 0.85 4.67 Information Ratio 0.18 -0.12 Up Capture Ratio 101.59 98.93 Down Capture Ratio 101.36 101.56

### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 17 39 18 01 18.92 Price/Book Ratio 2.42 2.62 2.96 Geom Avg Mkt Cap \$B 76 82 114 17 98.38 ROE 23.82 25.38 25.09

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Morningstar Index Morningstar Category Global Large-Stock Blend

MSCI ACWI NR USD

Growth of \$10,000

# Vanguard Total World Stock Index Admiral VTWAX

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Դ Cyclical

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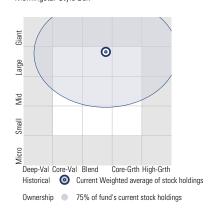
Energy

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F

Utilities

Style Analysis as of 09-30-2023 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2023



50

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

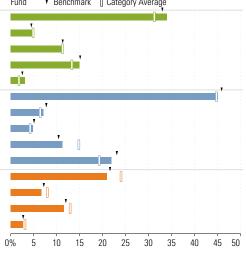
Healthcare

**Consumer Defensive** 

Total	100.00	100.00
Other	0.05	2.18
Cash	1.15	1.42
Bonds	0.00	1.31
Non-US Stocks	38.80	39.23
US Stocks	60.00	55.87
Asset Class	Net %	Cat%

### Benchmark [] Category Average Cat Fund Fund Bmark 34.02 32.83 31.24 4.62 4.34 4.87 11.36 11.16 11.27 14.97 14 95 13.30 3.07 2.38 1.80 45.09 45.72 44.76 7.08 7.59 6.43 4.88 4.93 4.23 11.23 10.27 14.83 21.90 22.93 19.27 20.89 21.45 24.00 6.68 7.05 7.96 11.59 11.84 12.93 2.62 2.56 3.11

100



	Greater Asia	Fund % 18.04	Cat % 13.33	Americas	Fund % 64.69	Cat % 62.46	Greater Europe	Fund % 17.24	Cat % 24.22	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers	6.23 1.98 4.13	5.62 0.87 3.74	North America Central/Latin	63.51 1.18	61.65 0.81	United Kingdom W euro-ex UK Emrgng Europe	3.62 12.01 0.27	6.00 17.82 0.04	Developed Markets Emerging Markets Not Available	92.07 7.93 0.00
>75	Asia-ex 4 Tigers Not Classified	5.70 0.00	3.10 0.00				Africa	1.34	0.36		

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Apple Inc	3.89	3.89	32.32	Technology
	3.39	7.28	32.51	Technology
➔ Amazon.com Inc	1.73	9.00	51.33	Consumer Cyclical
➔ NVIDIA Corp	1.63	10.63	197.74	Technology
⊕ Alphabet Inc Class A	1.14	11.77	48.32	Communication Svc
$\oplus$ Tesla Inc	0.99	12.76	103.13	Consumer Cyclical
€ Alphabet Inc Class C	0.97	13.72	48.60	Communication Svc
$oldsymbol{\oplus}$ Meta Platforms Inc Class A	0.91	14.63	149.47	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	0.77	15.40	13.40	Financial Services
$\oplus$ Eli Lilly and Co	0.65	16.05	47.75	Healthcare

# Total Holdings 9546

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** 

Global Large-Stock Blend

Morningstar Index

MSCI ACWI NR USD