## 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**

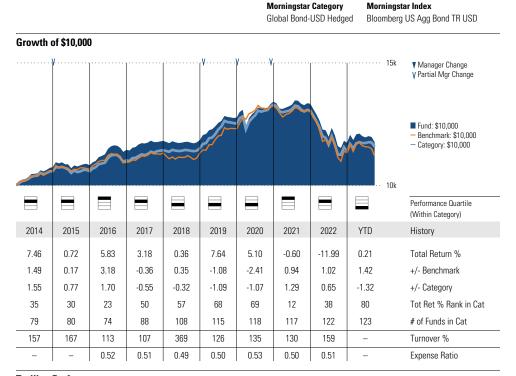
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Updated

08-31-2023

#### ESG Metrics

Metric Rating Sustainability Rating 3



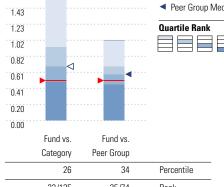
#### **Trailing Performance Total Return %** 10% as of 09-30-2023 Fund 5 Benchmark Category n -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -1.63 1.39 -3.67 0.03 1.71 -3.23 0.64 -5.21 0.10 1.13 6.50 Benchmark Return % -1.30 2 56 -3.86 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

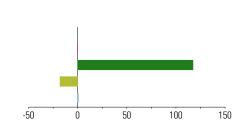
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# AB Global Bond Z ANAZX

## 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 Intl Gr and Inc R6 RIGGX

## Portfolio Manager(s)

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

## Quantitative Screens

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

Management: The fund's management has been in place for 15.01 years.

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

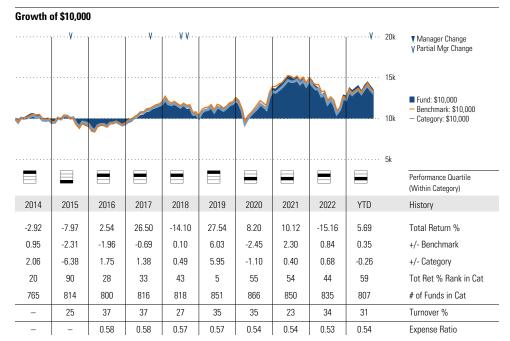
Net Expense: The fund's expense ratio of 0.54 is 37.93% lower than the Foreign Large Blend category average.

#### **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**

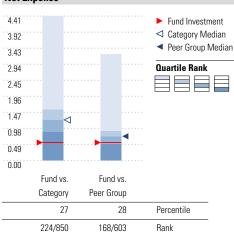
Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Foreign Large Blend





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 1.75 0.38 1 03 Beta 1 06 \_ 95.95 **R-Squared** 93.49 Standard Deviation 18 67 17 19 18.35 Sharpe Ratio 0.28 0 18 0.20 Tracking Error 3.91 4.70 Information Ratio 0.49 0.11 Up Capture Ratio 110.29 106.23 Down Capture Ratio 103.03 105.46

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 13.60 13 48 14 20 Price/Book Ratio 1.74 1.67 1.88 Geom Avg Mkt Cap \$B 49 84 42 75 56.55

20.60

ROE

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17.72

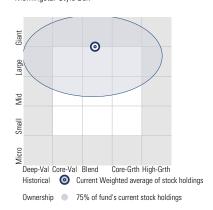
20.14

Morningstar Index

MSCI ACWI Ex USA NR USD

# American Funds Intl Gr and Inc R6 RIGGX

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





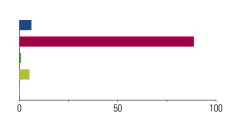


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2023

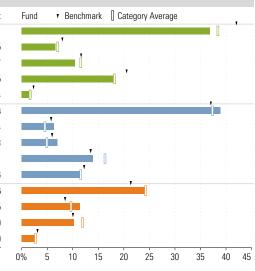


## Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	36.85	41.89	38.41
<b>.</b> #.	Basic Materials	6.64	7.82	7.05
	Consumer Cyclical	10.39	11.49	11.57
<b>H</b>	Financial Services	17.94	20.40	18.15
ŵ	Real Estate	1.88	2.18	1.64
V <sup>ar</sup>	Sensitive	38.91	36.89	37.34
đ	Communication Services	6.35	5.62	4.54
0	Energy	6.98	5.82	4.93
¢	Industrials	13.95	13.36	16.31
	Technology	11.63	12.09	11.56
-	Defensive	24.25	21.21	24.25
E	Consumer Defensive	11.39	8.36	9.65
٠	Healthcare	10.19	9.90	11.90
9	Utilities	2.67	2.95	2.70

#### Asset Class Net % Cat% US Stocks 5.91 3.46 Non-US Stocks 88.60 93.89 Bonds 0.49 0.22 Cash 4.92 0.97 Other 0.08 1.45



1	Greater Asia	Fund % 28.86	Cat % 35.08	Americas	Fund % 15.11	Cat % 8.51	Greater Europe	Fund % 56.03	Cat % 56.41	Market Maturity	Fund %
	Japan	8.35	18.59	North America	10.62	7.23	United Kingdom	13.11	13.72	Developed Markets	85.24
	Australasia	0.49	4.86	Central/Latin	4.49	1.28	W euro-ex UK	41.30	41.70	Emerging Markets	14.76
	Asia-4 Tigers	10.67	6.61				Emrgng Europe	0.40	0.07	Not Available	0.00
	Asia-ex 4 Tigers	9.35	5.02				Africa	1.22	0.92		
	Not Classified	0.00	0.00								
	-										

Top 10 Holdings as of 09-30-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash M	4.56	4.56	_	_
AstraZeneca PLC	3.16	7.72	-	Healthcare
igop Taiwan Semiconductor Manufacturing Co Ltd	2.42	10.14	-	Technology
ASML Holding NV	2.38	12.52	-	Technology
$\ominus$ Novo Nordisk A/S Class B	2.29	14.81	-	Healthcare
Airbus SE	2.23	17.04	-	Industrials
Philip Morris International Inc	2.21	19.24	-4.73	Consumer Defensive
€ TotalEnergies SE	1.77	21.01	-	Energy
LVMH Moet Hennessy Louis Vuitton SE	1.60	22.61	-	Consumer Cyclical
British American Tobacco PLC	1.50	24.10	-	Consumer Defensive

## Total Holdings 273

 $\oplus$  Increase  $\oplus$  Decrease 3 New to Portfolio

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Morningstar Category Foreign Large Blend

Total

Morningstar Index MSCI ACWI Ex USA NR USD

100.00

100.00

## 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

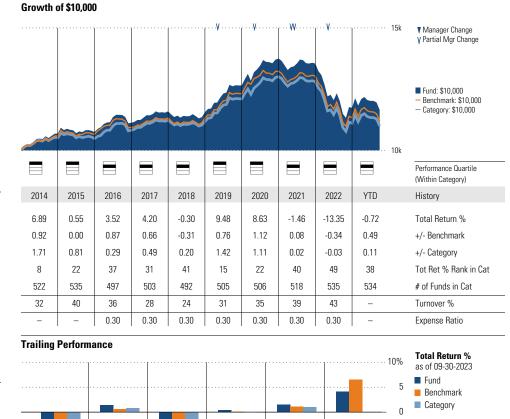


Morningstar Index

Morningstar Category

Intermediate Core Bond

Bloomberg US Agg Bond TR USD

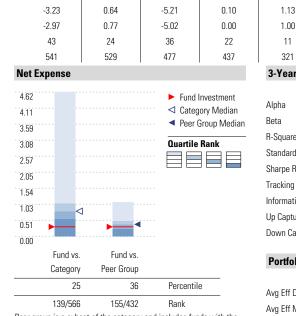


10 veai

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

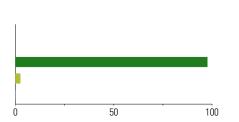
## Style Analysis as of 09-30-2023 Style Breakdown Fixed Income Quality High Mid

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 iî. 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

## Baird Core Plus Bond Inst BCOIX

## Portfolio Manager(s)

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

## Quantitative Screens

*Performance:* The fund has finished in the Intermediate Core-Plus 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 59.46% 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**

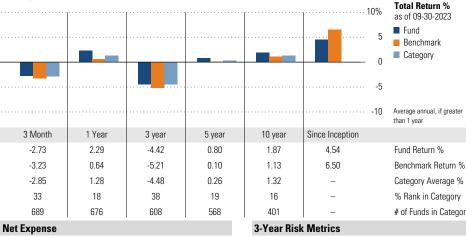
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

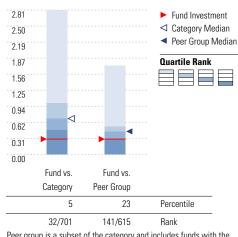


					····¥·····	¥	· · · ₩ · · · ·	¥		15k	▼ Manager Change γ Partial Mgr Change
				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				W		· 10k	<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
											Performance Quartile (Within Category)
2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD		History
6.59	0.14	4.73	4.65	-0.51	10.11	8.80	-1.02	-12.87	-0.21		Total Return %
0.62	-0.41	2.08	1.11	-0.52	1.39	1.29	0.52	0.14	1.00		+/- Benchmark
1.17	0.59	0.87	0.38	0.10	1.17	0.74	-0.35	0.40	0.30		+/- Category
17	37	23	32	41	23	35	60	30	35		Tot Ret % Rank in Cat
539	570	540	573	597	631	620	632	646	680		# of Funds in Cat
35	34	33	30	26	26	33	45	29	-		Turnover %
_	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-		Expense Ratio



Growth of \$10,000





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 Fund Bmark Cat Alpha 0.80 0.58 1 01 Beta 1 00 R-Squared 98.98 93.95 Standard Deviation 621 6 20 6.49 Sharpe Ratio -1.03 -1.16 -1.03 Tracking Error 0.63 1.60 Information Ratio 1.25 0.31 Up Capture Ratio 102.21 103.07 93.76 97.08 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.06	4.43	6.32
Avg Eff Maturity	8.21	-	9.39

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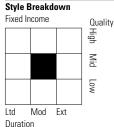


Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

# Baird Core Plus Bond Inst BCOIX

## Style Analysis as of 09-30-2023



Not Rated

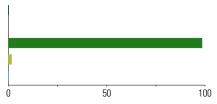
**Credit Rating Breakdown** Fund Bmark Cat AAA 48.10 3.53 52.06 AA 3.80 74.59 5.00 13.40 10.82 А 11.81 BBB 8.32 18.82 31.40 BB 2.70 0.28 5.05 В 0.10 0.00 2.40 Below B 0.10 0.00 1.01

0.40

2.46

3.85

Asset Allocation	as of 09-30-2023



## Sector Weighting as of 09-30-2023

#### Benchmark [] Category Average Bmark Cat Fund Fund Government 15.73 27.12 15.73 15.83 Treasurv \_ Inflation - Protected 0.00 0.46 I 0.00 Agency/Quasi Agency 0 56 Other Government Related 0.00 10.27 27.53 49.83 Corporate \_ Corporate Bond 49.83 27.05 Bank Loan 0.00 \_ 0.17 Convertible 0.00 0.05 Preferred 0.00 \_ 0.26 Securitized 31.50 38.67 \_ Agency MBS Pass-Through 18.12 25.57 Agency MBS ARM 0.00 0.05 Agency MBS CMO 1.62 3.60 Π Non-Agency Residential MBS 0.56 0.16 Ĩ. Commercial MBS 5.05 1.52 Asset-Backed 7.77 6.15 \_ Covered Bond 0.00 0.00 Û. Municipal 1.40 \_ 0.70 **Cash & Equivalents** 1.51 2.63 \_ Other 0.00 \_ 3.34 0% 5 10 15 20 25 30 35 40 45 50

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
$\odot$ United States Treasury Bonds 2.5%	02-2045	3.09	3.09	-
⊕ United States Treasury Notes 1.13%	08-2028	2.63	5.72	-
United States Treasury Bonds 2.88%	05-2043	2.40	8.12	-
⊕ United States Treasury Notes 1.13%	10-2026	1.67	9.79	-
$\ominus$ First American Government Obligs U	02-2030	1.51	11.31	-
United States Treasury Bonds 1.38%	11-2040	1.26	12.56	_
⊕ United States Treasury Bonds 2.38%	02-2042	0.93	13.50	-
⊕ United States Treasury Notes 2.38%	03-2029	0.86	14.36	-
⊕ United States Treasury Bonds 2.88%	05-2052	0.73	15.10	-
⊖ United States Treasury Notes 2.88%	05-2032	0.62	15.72	-

## Total Holdings 1502

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

## Intermediate Cor

Total	100.00	100.00
Other	0.04	1.48
Cash	1.52	-2.57
Bonds	98.43	100.91
Non-US Stocks	0.00	0.00
US Stocks	0.01	0.19
Asset Class	Net %	Cat%

# DWS Enhanced Commodity Strategy R6 SKRRX

Portfolio Manager(s)

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

## Quantitative Screens

*Performance:* The fund has finished in the Commodities Broad Basket category's top three quartiles in 5 of the 7 years it's been in existence.

Management: The fund's management has been in place for 13.51 years.

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

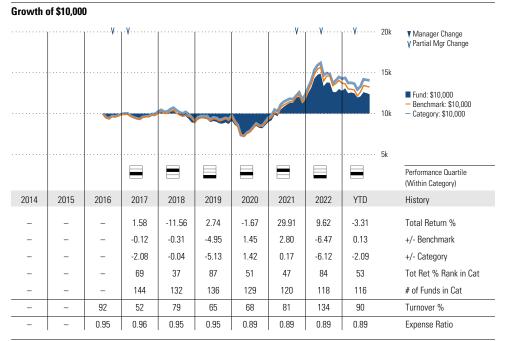
Net Expense: The fund's expense ratio of 0.89 is 15.24% lower than the Commodities Broad Basket category average.

## **Morningstar Investment Management LLC Analysis**

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

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023



## **Trailing Performance**



Beta

Category Median 2.79 Peer Group Median 2.44 2.09 Quartile Rank 1.74 1.40 1.05 0.70 0.35 Fund vs Fund vs Peer Group Category 44 69 Percentile 54/121 52/76 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.

Average annual, if greater Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Bmark Cat -0.49 1.67 0.93 0.99 R-Squared 94.21 87.55 Standard Deviation 15 26 15.98 16.87 Sharpe Ratio 0.82 0.89 0.92 Tracking Error 3.85 5.47 Information Ratio -0.47 0.11 Up Capture Ratio 87.72 101.07 Down Capture Ratio 86.44 93.74 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	-	-	7.93
Price/Book Ratio	-	-	1.87
Geom Avg Mkt Cap \$B	0.87	-	44.07
ROE	-	-	27.17

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Morningstar Index

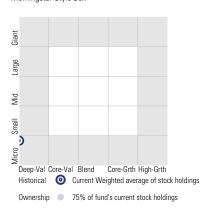
Commodities Broad Basket

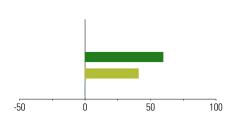
Morningstar Category

Bloomberg Commodity TR USD

# **DWS Enhanced Commodity Strategy R6** SKRRX

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





US Stocks Non-US Stocks Bonds Cash Other	0.00 0.00 59.56 40.79 -0.35	0.76 37.34 45.59 15.59
Non-US Stocks Bonds	0.00 59.56	0.76 37.34
Non-US Stocks	0.00	0.76
US Stocks	0.00	0.71
	0.00	0.71
Asset Class	Net %	Cat%

## Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Func	ł	• Be	nchma	ark 🛛	Categ	gory Av	verage				
Դ	Cyclical	-	-	44.68										[		
ŵ.	Basic Materials	-	-	44.68										0		
A	Consumer Cyclical	-	-	0.00	Ó											
<b>L</b>	Financial Services	-	-	0.00	0											
ŵ	Real Estate	-	-	0.00	Û											
w,	Sensitive	-	-	51.07											0	
đ	Communication Services	-	-	0.00	0											
	Energy	-	-	48.94												
¢	Industrials	-	-	2.13	0											
	Technology	-	-	0.00	Ì											
-	Defensive	-	-	4.26												
2	Consumer Defensive	-	-	4.26		0										
٠	Healthcare	-	_	0.00	Ó											
<b>9</b>	Utilities	-	_	0.00	Ó											
					0%	5	10	15	20	25	30	35	40	45	50	5

#### Style Breakdown Equity



## >50 25-50 10-25 0-10

Weight %

## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Dws Cayman Commodity li Ltd.	17.75	17.75	_	_
$\oplus$ Dws Central Cash Management Government Fund	14.50	32.25	_	-
$\oplus$ United States Treasury Notes 5.5102%	5.42	37.68	_	-
$\oplus$ DWS ESG Liquidity Capital	3.78	41.46	_	-
$\oplus$ United States Treasury Notes 5.5514%	3.19	44.65	-	-
United States Treasury Notes 2.125%	3.12	47.77	_	_
United States Treasury Notes 2.5%	3.11	50.88	_	-
United States Treasury Notes 0.375%	3.04	53.92	_	-
United States Treasury Notes 0.375%	3.01	56.94	_	-
$\ominus$ United States Treasury Notes 5.4914%	2.55	59.49	-	-
United States Treasury Bills 5.001%	1.59	61.08	-	_
United States Treasury Notes 0.5%	1.48	62.55	_	-
$\oplus$ United States Treasury Bills 5.3545%	1.38	63.94	_	-
Lme Nickel Futures	1.00	64.94	_	-
Lme Nickel Futures	1.00	65.94	_	-

## Total Holdings 388

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Morningstar Index

Commodities Broad Basket Bloomberg Commodity TR USD

## Neuberger Berman Sustainable Equity R6 NRSRX

## Portfolio Manager(s)

Daniel Hanson since 04-2022

#### Quantitative Screens

× *Performance:* The fund has finished in the Large Blend category's top three quartiles in 6 of the 10 years it's been in existence.

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

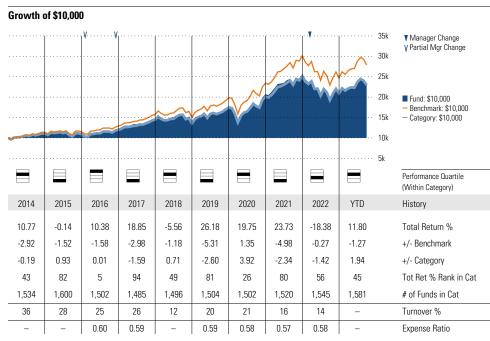
Net Expense: The fund's expense ratio of 0.58 is 22.67% lower than the Large Blend category average.

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

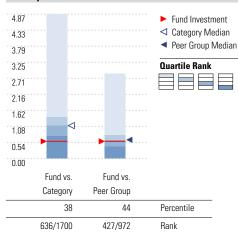
We are placing Neuberger Berman Sustainable Equity on watch due to upcoming management team changes. The fund's longtime co-portfolio managers, Ingrid Dyott and Sajjad Ladiwala, will both retire in 2022, and a new portfolio manager, Dan Hanson, will take over this fund as of April 1, 2022. While Hanson has significant industry experience across multiple firms, he is new to Neuberger Berman, and has no public track record managing an ESG strategy, though he has managed ESG strategies for institutional clients since 2006. We will monitor the fund for any strategy changes and look for performance improvements under the new PM.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022







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

73	-	% Rank in Category		
984	-	# of F	unds in Cate	gory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		-0.20	-	-0.66
Beta		0.97	-	0.95
R-Squared		96.69	-	94.61
Standard Devia	ition	17.52	17.85	17.40
Sharpe Ratio		0.49	0.52	0.45
Tracking Error		3.25	-	3.74
Information Ra	tio	-0.18	-	-1.15
Up Capture Rat	io	93.82	-	93.16
Down Capture	Ratio	93.80	-	95.77
Dautfalia M	-			

Formono wienres			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.60	22.40	22.25
Price/Book Ratio	3.93	3.98	4.46
Geom Avg Mkt Cap \$B	202.72	228.69	275.77
ROE	31.35	30.76	29.52

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On Watch

A

Morningstar Category

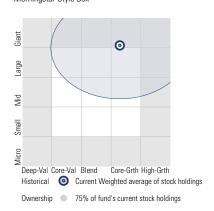
Large Blend

Morningstar Index

S&P 500 TR USD

# Neuberger Berman Sustainable Equity R6 NRSRX

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
Microsoft Corp	8.06	8.06	32.51	Technology
Amazon.com Inc	7.77	15.83	51.33	Consumer Cyclical
Alphabet Inc Class A	7.55	23.38	48.32	Communication Svc
igodolog Berkshire Hathaway Inc Class B	4.82	28.20	13.40	Financial Services
Mastercard Inc Class A	4.77	32.97	14.35	Financial Services
∋ The Cigna Group	4.28	37.25	-12.55	Healthcare
ightarrow Compass Group PLC	3.46	40.71	_	Consumer Cyclical
⇒ Progressive Corp	3.22	43.93	7.62	Financial Services
ightarrow Texas Instruments Inc	3.06	46.99	-1.51	Technology
ige  Cencora Inc	3.05	50.04	9.48	Healthcare
Apple Inc	2.94	52.99	32.32	Technology
igodolog GoDaddy Inc Class A	2.59	55.58	-0.45	Technology
∋ W.W. Grainger Inc	2.35	57.93	25.35	Industrials
$\supset$ JPMorgan Chase & Co	2.21	60.14	10.38	Financial Services
ightarrow Bank of America Corp	2.20	62.34	-15.28	Financial Services

## Total Holdings 45

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

## US Stocks Non-US Stocks Bonds Cash Other 100 **Total**

**Morningstar Category** 

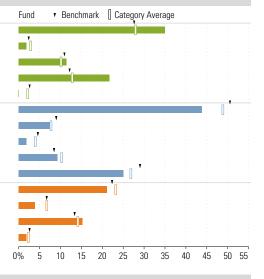
📕 Large Blend

Asset Class

## Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	35.04	27.45	27.95
<i>.</i>	Basic Materials	1.90	2.23	2.85
<b>~</b>	Consumer Cyclical	11.45	10.77	10.13
цф	Financial Services	21.69	12.01	12.82
ŵ	Real Estate	0.00	2.44	2.15
~~	Sensitive	43.88	50.38	48.85
d	Communication Services	7.69	8.81	7.72
•	Energy	1.81	4.42	3.99
¢	Industrials	9.32	8.29	10.30
	Technology	25.06	28.86	26.84
-	Defensive	21.08	22.17	23.21
F	Consumer Defensive	3.94	6.53	6.73
٠	Healthcare	15.31	13.21	14.16
Ç	Utilities	1.83	2.43	2.32



## On Watch

Net %

91.23

8.50

0.00

0.27

0.00

100.00

Cat%

95.33

2.48

0.15

0.71

1.34

100.00

Morningstar Index

S&P 500 TR USD

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## 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.

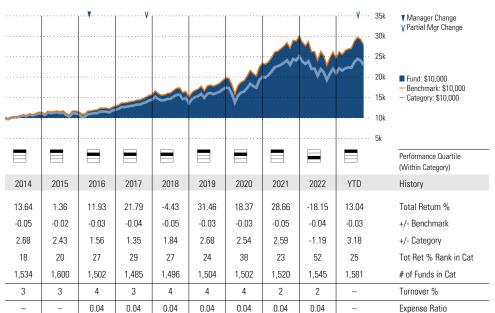
## **Morningstar Investment Management LLC Analysis**

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**

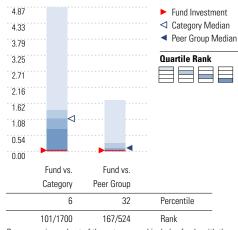
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

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   -	# OT F	unds in Cate	gory
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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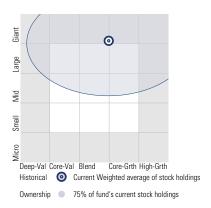


Morningstar Category Morningstar Index

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

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13.21

2.43

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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** 

## Total Holdings 510

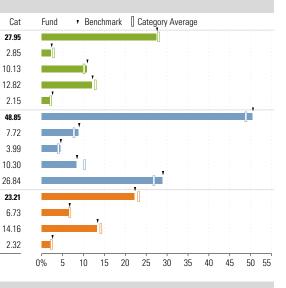
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



 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 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.

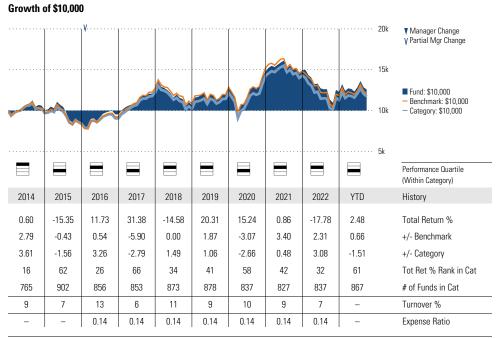
Net Expense: The fund's expense ratio of 0.14 is 87.72% lower than the Diversified Emerging Mkts category average.

## 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.

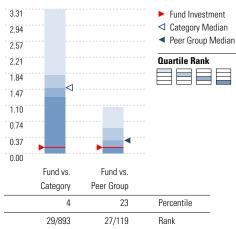
## **ESG Metrics**

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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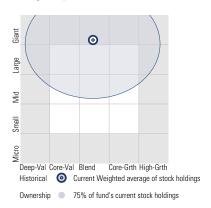


Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

# Vanguard Emerging Mkts Stock Idx Adm VEMAX

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





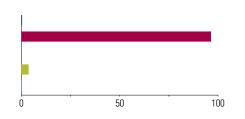


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2023

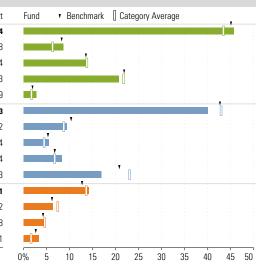


## Sector Weighting as of 09-30-2023

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
earrow 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.

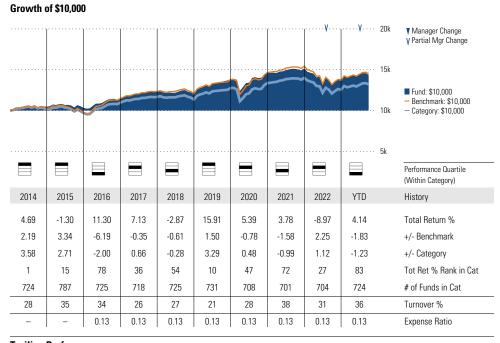
× Management: The fund's management team has been in place for less than three years.

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.

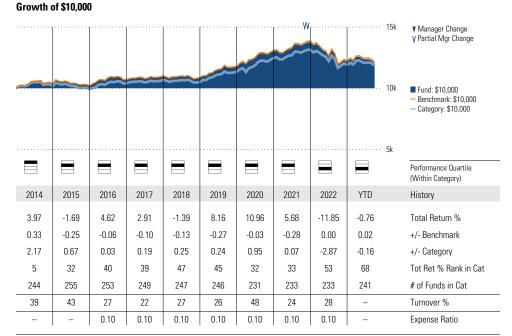
Net Expense: The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

## **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**

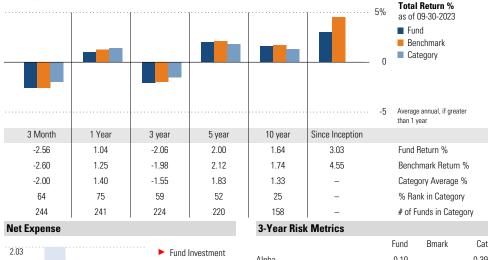
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

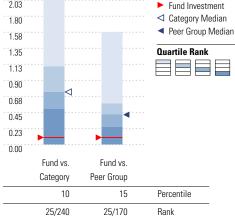


**Morningstar Category** 

Inflation-Protected Bond

## **Trailing Performance**





	Gategory / Horago /o				
25	-	% Rank in Category			
158	-	# of Funds in Category			
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**

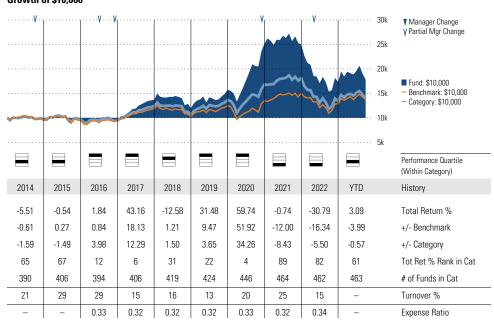
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022





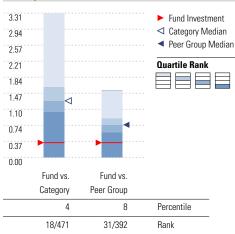
MSCI EAFE NR USD

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

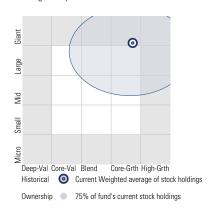
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.19	13.87	22.08
Price/Book Ratio	3.54	1.69	3.45
Geom Avg Mkt Cap \$B	59.17	47.39	61.22
ROE	18.06	18.84	22.50

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# Vanguard International Growth Adm VWILX

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





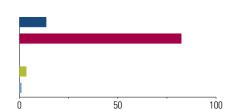


Weight %

<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

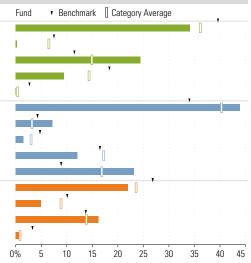
Morningstar Index

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.

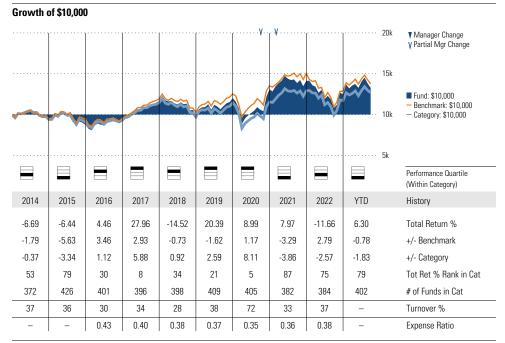
Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

## **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.

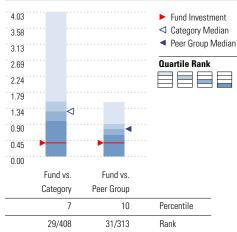
#### **ESG Metrics**

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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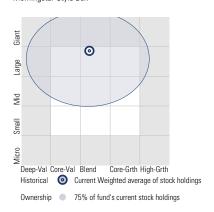


**Morningstar Category** Morningstar Index Foreign Large Value

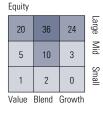
MSCI EAFE NR USD

# 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 LifeStrategy Cnsrv Gr Inv VSCGX

## Portfolio Manager(s)

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

## Quantitative Screens

Performance: The fund has finished in the Moderately Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.

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

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

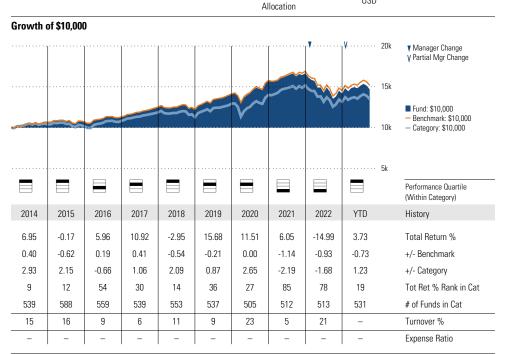
Net Expense: The fund's expense ratio of 0.12 is 86.96% lower than the Moderately Conservative Allocation category average.

## Morningstar Investment Management LLC Analysis

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

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	07-19-2023



Morningstar Category Moderately Conservative



**Portfolio Metrics** 

Price/Earnings Ratio

Price/Book Ratio

Avg Eff Duration

## 6/539 12/413 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.

3

Percentile

Fund vs.

Peer Group

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Fund vs.

Category

1



Bmark

18.48

2.73

6.12

Cat

18.93

3.00

5.29

Fund

17.13

2.36

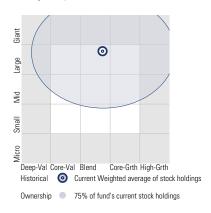
6.73

Morningstar Index

Morningstar US Mod Con Tgt Alloc NR USD

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

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



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

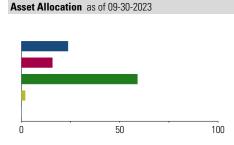
Fixed Income

Quality

High

Mid

Low



## Sector Weighting as of 09-30-2023

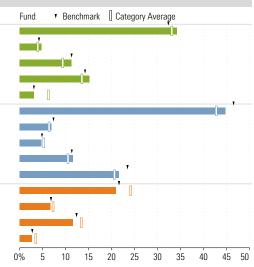
Sector weighting as of 03-30-2023							
		Fund	Bmark	Cat			
Դ	Cyclical	34.25	32.18	33.08			
æ.	Basic Materials	4.73	4.05	3.94			
	Consumer Cyclical	11.27	11.13	9.36			
ц.	Financial Services	15.13	14.06	13.53			
ŵ	Real Estate	3.12	2.94	6.25			
₩ <b>r</b>	Sensitive	44.79	46.36	42.76			
đ	Communication Services	6.95	7.20	6.39			
0	Energy	4.73	4.69	5.24			
¢	Industrials	11.55	11.18	10.51			
	Technology	21.56	23.29	20.62			
	Defensive	20.97	21.45	24.16			
F	Consumer Defensive	6.69	6.66	7.26			
٠	Healthcare	11.57	12.21	13.39			
9	Utilities	2.71	2.58	3.51			

#### USD Allocation Asset Class Net % Cat% US Stocks 23.59 27.62 Non-US Stocks 15.66 7.35 58.93 Bonds 54.81 Cash 1.79 4.91 Other 0.03 5.32 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR

Morningstar Category Moderately Conservative



# >50 25-50 10-25 0-10

Blend Growth

Style Breakdown

Equity

18 30 26

6 8

2 3 2

Value

Weight %

Total Holdings 6					
⊖ Us Dollar	-	0.01	100.00	-	-
∋ Mktliq 12/31/2049	-	0.77	99.99	-	_
$\ni$ Vanguard Total Intl Stock Index Inv	-	16.03	99.22	-	-
$\ni$ Vanguard Total Intl Bd II Idx Investor	-	18.11	83.20	-	-
i  Vanguard Total Stock Mkt ldx Inv	-	23.72	65.08	-	-
🕑 Vanguard Total Bond Market II Idx Inv	-	41.37	41.37	-	_
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
lop 6 Holdings as of 09-30-2023					

🕀 Increase 👄 Decrease 🗱 New to Portfolio

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# Vanguard LifeStrategy Growth Inv VASGX

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

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

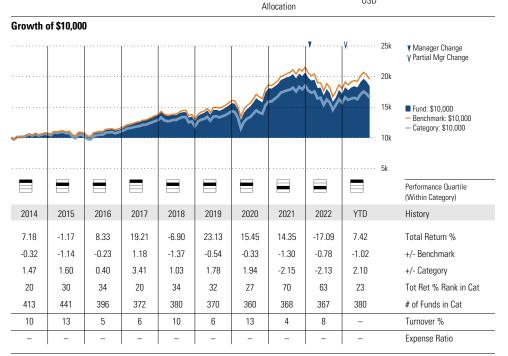
Net Expense: The fund's expense ratio of 0.14 is 85.71% lower than the Moderately Aggressive Allocation category average.

## Morningstar Investment Management LLC Analysis

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

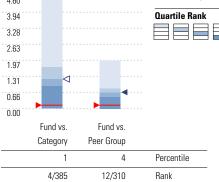
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022



Morningstar Category Moderately Aggressive

#### **Trailing Performance Total Return %** 20% as of 09-30-2023 Fund 15 Benchmark 10 Category 5 Λ -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception -3.40 16.25 4.63 5.36 7 00 7.68 Fund Return % Benchmark Return % -2.87 16.80 5.44 6.18 7.62 5.70 -3.09 13.30 5.42 4.63 6.21 Category Average % % Rank in Category 51 19 58 30 28 381 380 351 328 252 # of Funds in Category **3-Year Risk Metrics** Net Expense Fund Bmark 5.91 Fund Investment Alnha -0.88 5 25 Beta 1.03 Peer Group Median 4.60 **R**-Squared 99.33 \_ Quartile Rank 3.94



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

Cat -0.16 0.98 93 44 Standard Deviation 14.69 14.26 14.65 Sharpe Ratio 0.24 0.30 0 27 Tracking Error 1 26 3 38 Information Ratio -0 64 -0 24 Up Capture Ratio 100.79 98.61 105.27 Down Capture Ratio 100.10 **Portfolio Metrics** Fund Bmark Cat 39

Price/Earnings Ratio	17.24	18.62	18.69
Price/Book Ratio	2.39	2.77	2.79
Avg Eff Duration	6.73	6.12	5.34

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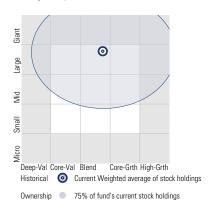


Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

# Vanguard LifeStrategy Growth Inv VASGX

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



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

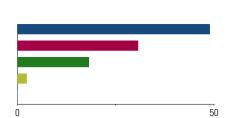
Fixed Income

Quality

High

Mid

Low



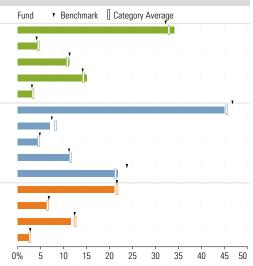
## Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		00 2020		
		Fund	Bmark	Cat
Դ	Cyclical	34.06	32.03	32.90
<b>.</b>	Basic Materials	4.65	3.97	4.48
4	Consumer Cyclical	11.25	11.13	10.82
<b>H</b>	Financial Services	15.03	13.98	14.28
ŵ	Real Estate	3.13	2.95	3.32
W#	Sensitive	44.97	46.55	45.49
d	Communication Services	7.00	7.27	8.20
0	Energy	4.70	4.66	4.55
٥	Industrials	11.49	11.02	11.46
	Technology	21.78	23.60	21.28
-	Defensive	20.99	21.43	21.61
F	Consumer Defensive	6.67	6.62	6.48
٠	Healthcare	11.63	12.24	12.49
2	Utilities	2.69	2.57	2.64

#### Allocation Asset Class Net % Cat% US Stocks 48.89 57.18 Non-US Stocks 30.64 17.72 Bonds 18.12 15.43 Cash 2.30 4.27 Other 0.04 5.39 Total 100.00 100.00

Morningstar Category Moderately Aggressive



## >50 25-50 10-25 0-10

Blend Growth

Style Breakdown

Equity

18 30 26

6 8

2 3 2

Value

Weight %

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
					5
i  Vanguard Total Stock Mkt ldx Inv	-	49.17	49.17	-	-
Vanguard Total Intl Stock Index Inv	-	31.35	80.52	-	-
m lacksim Vanguard Total Bond Market II Idx Inv	-	12.72	93.24	-	-
m lacksim Vanguard Total Intl Bd II Idx Investor	-	5.57	98.81	-	-
∋ Mktliq 12/31/2049	-	1.17	99.98	-	-
∋ Us Dollar	_	0.02	100.00	_	_

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

## Vanguard LifeStrategy Income Inv VASIX

Growth of \$10,000

Portfolio Manager(s)

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

## Quantitative Screens

Performance: The fund has finished in the Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.

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

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

Net Expense: The fund's expense ratio of 0.11 is 88.54% lower than the Conservative Allocation category average.

## Morningstar Investment Management LLC Analysis

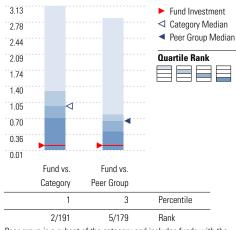
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	07-19-2023

											15k	
		~~~			~						10k	Fund: \$10,000 - Benchmark: \$10,000
ve ars											IUK	— Category: \$10,000
											5k	
ı in												Performance Quartile (Within Category)
	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD		History
	6.76	0.22	4.58	6.98	-1.05	12.05	9.13	1.92	-13.93	1.84		Total Return %
ars.	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.13	-1.69	-0.91	-0.85		+/- Benchmark
	3.22	2.29	-0.97	0.73	2.09	0.85	1.84	-3.12	-3.09	0.62		+/- Category
	4	8	65	49	11	35	27	90	85	41		Tot Ret % Rank in Cat
	197	209	199	174	175	173	167	179	182	179		# of Funds in Cat
	12	14	4	4	9	6	17	7	26	-		Turnover %
	-	-	-	-	-	-	-	-	-	-		Expense Ratio
:	Trailing	Performa	ance									





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 -1.19 0.25 0.95 Beta 1 00 **R-Squared** 98.83 91.34 Standard Deviation 746 7 38 7 39 Sharpe Ratio -0.58 -0.42 -0.38 Tracking Error 0.81 2.19 Information Ratio -1.45 0.08 Up Capture Ratio 92.78 97.33 Down Capture Ratio 104.85 95.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.11	18.68	18.97
Price/Book Ratio	2.36	2.79	2.96
Avg Eff Duration	6.73	6.12	4.80

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Morningstar Category Morningstar Index

20k

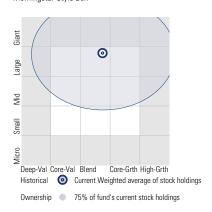
Conservative Allocation

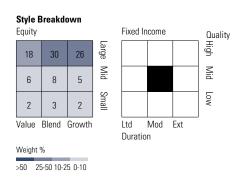
Morningstar US Con Tgt Alloc NR USD

▼ Manager Change V Partial Mgr Change

## Vanguard LifeStrategy Income Inv VASIX

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





# 

Bmark

31.96

3.93

11.12

13.97

2.94

46.52

7.23

4.66

11.03

23.60

21.53

6.65

12.30

2.58

Fund

34.25

4.73

11.28

15 12

3.12

44 80

6.96

4.73

11.59

21.52

20.94

6.70

11.54

2.70

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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Energy

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Utilities

#### Asset Class Net % Cat% US Stocks 11.56 9.96 Non-US Stocks 7.74 2.56 Bonds 79.04 71.06 Cash 1.64 9.92 0.02 Other 6.49 Total 100.00 100.00

#### Benchmark [] Category Average Cat Fund 31.30 3.58 9.50 12.77 5.45 44.47 6.70 5.92 10.59 21.26 24.22 7.17 13.16 3.89 0% 10 15 20 25 30 35 40 45 50 5

## Top 6 Holdings as of 09-30-2023

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	55.72	55.72	_	_
-	24.05	79.77	_	-
-	11.62	91.39	_	-
-	7.92	99.31	_	-
-	0.67	99.98	-	-
-	0.02	100.00	-	-
		- 55.72 - 24.05 - 11.62 - 7.92 - 0.67	- 55.72 55.72 - 24.05 79.77 - 11.62 91.39 - 7.92 99.31 - 0.67 99.98	- 55.72 55.72 - - 24.05 79.77 - - 11.62 91.39 - - 7.92 99.31 - - 0.67 99.98 -

## Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Mo

Conservative Allocation Mor

Morningstar Index

Morningstar US Con Tgt Alloc NR USD

Metric

## Vanguard LifeStrategy Moderate Gr Inv VSMGX

Morningstar Category

Morningstar US Mod Tgt Alloc NR USD

Cat

-0.04

0.98

94.16

12 24

0.16

2.86

-0.13

99.51

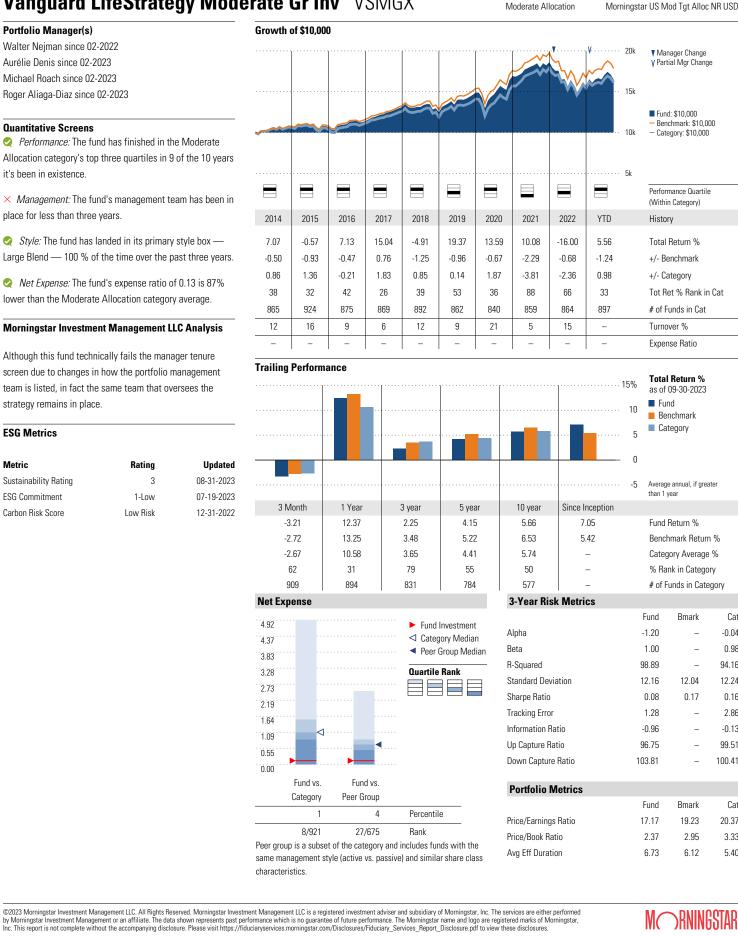
100.41

Cat

20.37

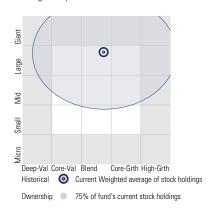
3.33

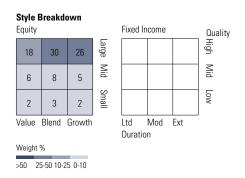
5 40



# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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





# 

Bmark

31.19

3.60

11.11

13 54

2.94

47.30

7.43

4.60

10.65

24.62

21.51

6.50

12.47

2.54

Fund

34.19

4.70

11.26

15 10

3.13

44 85

6.97

4.71

11.53

21.64

20.97

6.68

11.60

2.69

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** 

Other	0.04	3.49
Cash	1.97	3.72
Bonds	38.40	34.67
Non-US Stocks	23.45	10.07
US Stocks	36.14	48.05
Asset Class	Net %	Cat%

#### Benchmark [] Category Average Cat Fund 29.77 3.66 i i i 10.33 13.53 2.25 45.97 7.43 4.63 10.79 23.12 24.27 6.76 14.52 2.99 0% 10 15 20 25 30 35 40 45 50 5

## Top 6 Holdings as of 09-30-2023

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
-	36.34	36.34	_	_
-	27.02	63.37	-	-
-	24.00	87.37	-	-
-	11.73	99.10	-	-
-	0.90	100.00	-	-
_	0.00	100.00	_	-
		- 36.34 - 27.02 - 24.00 - 11.73 - 0.90	- 36.34 36.34 - 27.02 63.37 - 24.00 87.37 - 11.73 99.10 - 0.90 100.00	- 36.34 36.34 - - 27.02 63.37 - - 24.00 87.37 - - 11.73 99.10 - - 0.90 100.00 -

## Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar CategoryMModerate AllocationM

Morningstar Index Morningstar US Mod Tgt Alloc 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.

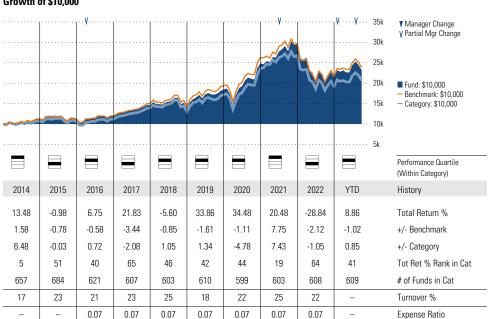
## Morningstar Investment Management LLC Analysis

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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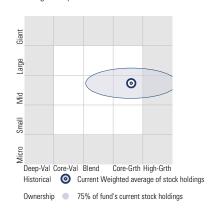


Morningstar Index

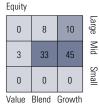
Russell Mid Cap Growth TR USD

# 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
🕀 Copart Inc	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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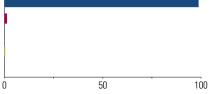
đ

Energy

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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

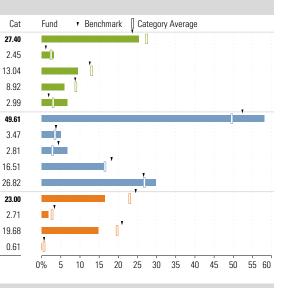
24.35

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.

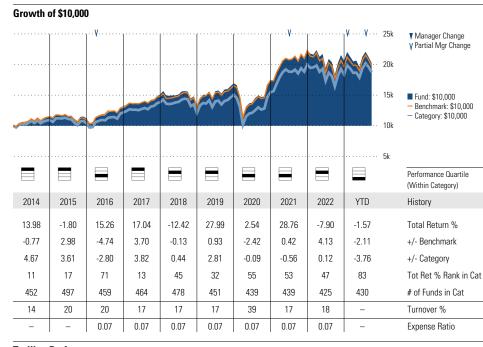
Net Expense: The fund's expense ratio of 0.07 is
 92.78% lower than the Mid-Cap Value category average.

## 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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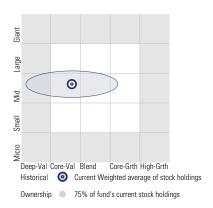


Morningstar Index

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.

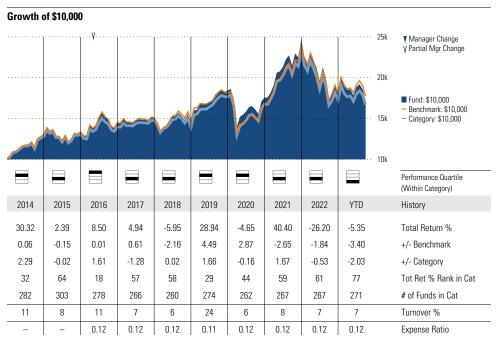
Net Expense: The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

#### **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



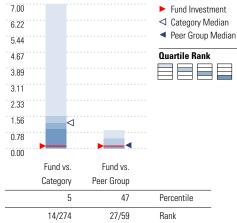
**Morningstar Category** 

Real Estate

#### ance **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 yea 5 year -8.52 -1.27 2.33 2.44 5.51 8.42 8.63 -7.02 3.21 5.76 2.77 5.84 -7 45 0.51 3 20 2 15 5 23 \_ 71 63 74 56 49 273 271 248 230 166 Net Expense **3-Year Risk Metrics** Fund

Alpha

Beta



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 Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Bmark Cat -3.30 -2.17 0.96 1 01 R-Squared 98.83 94.42 Standard Deviation 20.72 20.45 20.13 Sharpe Ratio 0 1 1 0.27 0.16

Tracking Error	2.24	-	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	9.35	31.22
ROE	12.99	9.56	14.92

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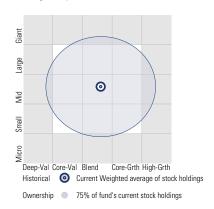
Morningstar Index

S&P United States REIT TR USD

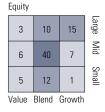
Trailing	Performa

# Vanguard Real Estate Index Admiral VGSLX

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







## We

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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 0

Total	100.00	100.00
Other	0.00	10.42
Cash	1.02	0.51
Bonds	0.00	3.40
Non-US Stocks	0.02	1.18
US Stocks	98.96	84.46
Asset Class	Net %	Cat%

**Morningstar Index** 

S&P United States REIT TR USD

**Morningstar Category** 

Real Estate

## Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	۲	Be	nchmar	k [	Cat	egoi	γA	ver	age				
Դ	Cyclical	99.14	99.13	99.22	_		-					-	-					
æ.	Basic Materials	0.00	0.00	0.05	0													
A	Consumer Cyclical	0.00	0.13	1.55	0													
<b>H</b>	Financial Services	0.00	0.00	0.29	0													
ŵ	Real Estate	99.14	99.00	97.33														
V*	Sensitive	0.86	0.87	0.71	[													
đ	Communication Services	0.86	0.00	0.20	0													
0	Energy	0.00	0.00	0.04														
Ф	Industrials	0.00	0.87	0.26	ľ													
	Technology	0.00	0.00	0.21														
-	Defensive	0.00	0.00	0.07														
	Consumer Defensive	0.00	0.00	0.00														
٠	Healthcare	0.00	0.00	0.01														
9	Utilities	0.00	0.00	0.06														
					00/ 5 4		-	05.00					-	-	-	-		0



## 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.

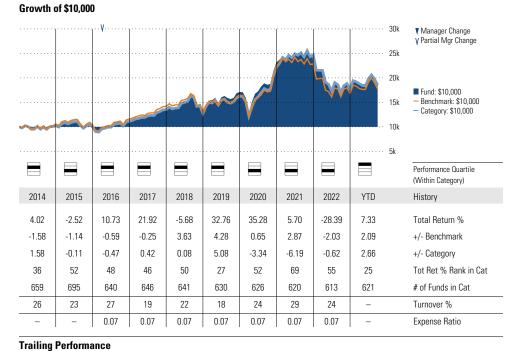
Net Expense: The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

## 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.

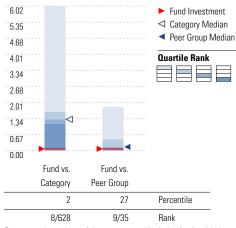
## **ESG Metrics**

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





Beta



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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Bmark Cat -0.66 0.22 0.93 0.92 96.29 **R-Squared** 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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Morningstar Index

Morningstar Category

Small Growth

Russell 2000 Growth TR USD

# Vanguard Small Cap Growth Index Admiral VSGAX

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Sensitive

Energy

Industrials

Technology

Defensive

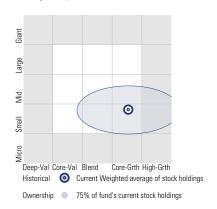
Healthcare

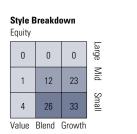
Utilities 

**Consumer Defensive** 

**Communication Services** 

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
$\ominus$ Slcmt1142	2.42	2.42	_	-
€ Fair Isaac Corp	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
	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
€ Manhattan Associates Inc	0.60	11.73	62.82	Technology
🕀 Bio-Techne Corp	0.59	12.32	-17.58	Healthcare

## Total Holdings 652

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Asset Allocation as of 09-30-2023

#### Asset Class Net % Cat% US Stocks 96.94 91.66 Non-US Stocks 0.62 4.65 Bonds 0.00 0.02 Cash 2.43 2.44 0.00 Other 1.21 Total 100.00 100.00

## Benchmark [] Category Average Fund j ( 0% 5 10 15 20 25 30 35 40 45 50 55

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**Morningstar Category** 

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

	I	50		100
0		50		100
•				
Sec	ctor Weighting as o	f 09-30-2023		
		Fund	Bmark	Cat
Դ	Cyclical	24.12	21.85	24.20
æ.	Basic Materials	2.30	4.54	3.06
	Consumer Cyclical	12.40	10.51	11.41
цф	Financial Services	3.72	5.19	7.41
ŵ	Real Estate	5.70	1.61	2.32

53.05

2.74

5.43

17.34

27 54

22.84

3.94

18.20

0.70

48.57

1.58

3.72

18.92

24.35

27.22

4.65

21.71

0.86

49.92

1.93

5.13

18.17

24.69

28.21

4.71

21.89

1.61

# Vanguard Small Cap Value Index Admiral VSIAX

Portfolio Manager(s)

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

## Quantitative Screens

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

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

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

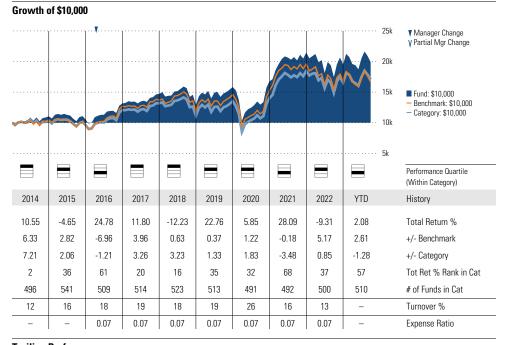
Net Expense: The fund's expense ratio of 0.07 is 93.75% lower than the Small Value category average.

## Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



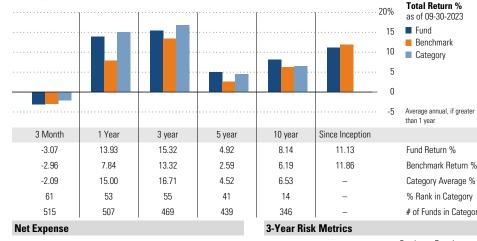
Morningstar Category

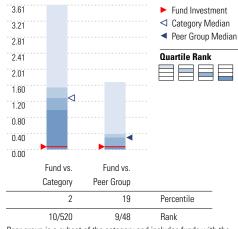
Small Value

Morningstar Index

Russell 2000 Value TR USD







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

346	-	# of Funds in Category					
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		2.66	-	3.37			
Beta		0.92	-	0.94			
R-Squared		96.77	-	93.31			
Standard Devia	tion	21.67	23.16	22.57			
Sharpe Ratio		0.67	0.56	0.69			
Tracking Error		4.31	-	5.97			
Information Rat	io	0.46	-	0.51			
Up Capture Rat	io	96.56	-	98.85			
Down Capture F	Ratio	88.72	_	88.84			
Dortfolio M	otrioc						

Porttolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.42	9.46	11.18
Price/Book Ratio	1.67	1.23	1.61
Geom Avg Mkt Cap \$B	5.23	1.89	4.32
ROE	15.32	7.74	15.96

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# Vanguard Small Cap Value Index Admiral VSIAX

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Energy

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Utilities

Basic Materials

Real Estate

Sensitive

Industrials

Technology

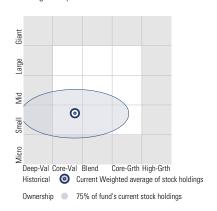
Defensive

Healthcare

Asset Allocation as of 09-30-2023

50

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
⊖ Slcmt1142	0.78	0.78	_	_
igodolog Builders FirstSource Inc	0.68	1.46	91.88	Industrials
igodolog Bunge Ltd	0.63	2.09	10.42	Consumer Defensive
⊖ IDEX Corp	0.63	2.71	-8.07	Industrials
igap Reliance Steel & Aluminum Co	0.61	3.33	31.02	Basic Materials
∋ Atmos Energy Corp	0.57	3.89	-3.50	Utilities
igodolog Booz Allen Hamilton Holding Corp Class A	0.55	4.44	5.89	Industrials
∋ Jabil Inc	0.53	4.97	86.41	Technology
igodolog First Citizens BancShares Inc Class A	0.50	5.47	82.28	Financial Services
∋ APA Corp	0.49	5.97	-10.35	Energy
igap Carlisle Companies Inc	0.49	6.46	11.02	Industrials
$\ni$ Owens-Corning Inc	0.47	6.93	61.75	Industrials
ightarrow RPM International Inc	0.47	7.40	-1.42	Basic Materials
∋ AECOM	0.45	7.85	-1.59	Industrials
igodolog Gaming and Leisure Properties Inc	0.43	8.28	-7.91	Real Estate

## Total Holdings 855

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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45

50 55

Asset Class Net % Cat% US Stocks 98.26 93.12 Non-US Stocks 0.79 3.32 Bonds 0.00 0.04 Cash 0.95 3.43 0.00 Other 0.09 Total 100.00 100.00

Morningstar Index

Russell 2000 Value TR USD

**Morningstar Category** 

Small Value



100

## 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.

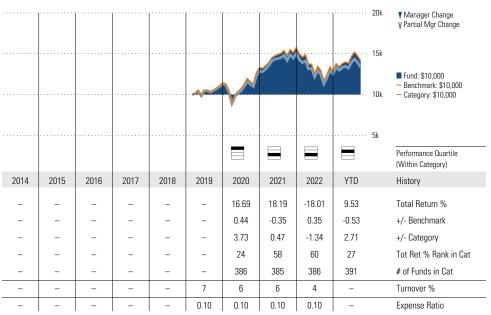
Net Expense: The fund's expense ratio of 0.1 is 89.58% lower than the Global Large-Stock Blend category average.

## **Morningstar Investment Management LLC Analysis**

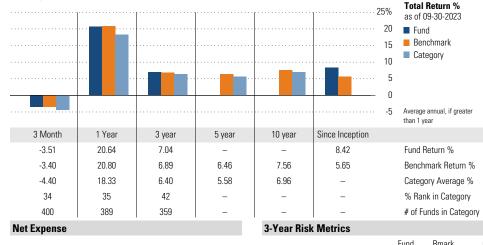
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

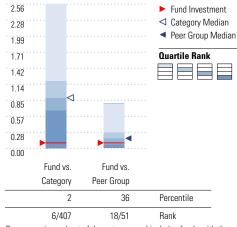
#### **ESG Metrics**

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 Category Global Large-Stock Blend Morningstar Index MSCI ACWI NR USD

Growth of \$10,000

## Vanguard Total World Stock Index Admiral VTWAX

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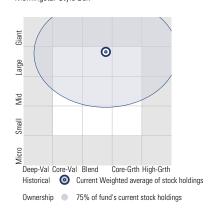
Energy

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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

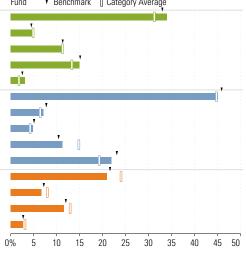
Healthcare

**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

## Vanguard Ultra-Short-Term Bond Admiral VUSFX

## Portfolio Manager(s)

Daniel Shaykevich since 04-2018 Arvind Narayanan since 11-2019

## Quantitative Screens

*Performance:* The fund has finished in the Ultrashort Bond category's top three quartiles in 7 of the 8 years it's been in existence.

Management: The fund's management has been in place for 5.47 years.

Style Consistency is not calculated for Fixed Income funds.

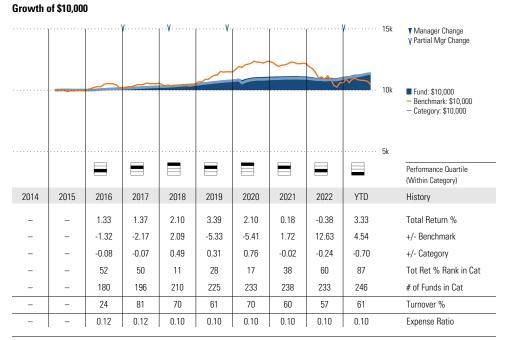
Net Expense: The fund's expense ratio of 0.1 is 76.19% lower than the Ultrashort Bond category average.

## **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.

## **ESG Metrics**

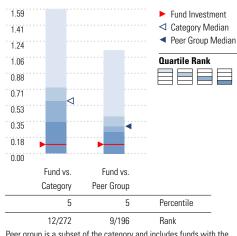
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023



Morningstar Category

Ultrashort Bond





as of 09-30-2023 Fund Benchmark Category Average annual, if greater than 1 year Fund Return %

0	Benchmark Return %						
	Categ	ory Average	%				
	% Rar	% Rank in Category					
	# of Fi	unds in Cate	age % egory				
s							
	Fund	Bmark	C				

	Fund	Bmark	Cat
Alpha	1.67	-	1.85
Beta	0.11	-	0.08
R-Squared	48.57	-	21.31
Standard Deviation	0.95	6.20	1.08
Sharpe Ratio	-1.18	-1.16	-0.98
Tracking Error	5.58	-	5.82
Information Ratio	1.13	-	1.15
Up Capture Ratio	18.29	-	15.49
Down Capture Ratio	-0.64	-	-5.01
Portfolio Metrics			
	Fund	Bmark	Cat

0.95

0.80

Avg Eff Duration

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.	

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4 43

0.70

1.94

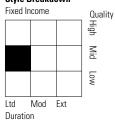
Morningstar Index

Bloomberg US Agg Bond TR USD

# Vanguard Ultra-Short-Term Bond Admiral VUSFX

## Style Analysis as of 09-30-2023





50 100 0

Total	100.00	100.00
Other	0.00	0.10
Cash	10.84	28.31
Bonds	89.17	71.51
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.10
Asset Class	Net %	Cat%

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

**Morningstar Category** 

Ultrashort Bond

## Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

Fund	Bmark	Cat
15.05	3.53	47.87
10.14	74.59	8.37
39.68	10.82	21.90
35.15	8.32	16.09
0.00	0.28	0.89
0.00	0.00	0.42
0.45	0.00	0.09
-0.47	2.46	4.38
	15.05 10.14 39.68 35.15 0.00 0.00 0.45	15.05         3.53           10.14         74.59           39.68         10.82           35.15         8.32           0.00         0.28           0.00         0.00           0.45         0.00

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	10.72	-	24.91			
Treasury	10.28	-	19.27			
Inflation – Protected	0.00	-	0.00	0		
Agency/Quasi Agency	0.44	-	3.26			
Other Government Related	0.00	-	2.38			
Corporate	62.88	_	33.27			]]
Corporate Bond	62.49	-	32.65		· · · ·	
Bank Loan	0.00	-	0.59	0		
Convertible	0.39	-	0.03	0		
Preferred	0.00	_	0.00	0		
Securitized	16.07	-	20.86			
Agency MBS Pass-Through	0.00	-	0.17	0		
Agency MBS ARM	0.00	-	0.24	0		
Agency MBS CMO	0.27	-	1.72	I []		
Non-Agency Residential MBS	0.09	-	0.06	[		
Commercial MBS	0.01	-	2.46			
Asset-Backed	15.70	-	16.21			
Covered Bond	0.00	-	0.00			
Municipal	0.00	-	0.53	0		
Cash & Equivalents	10.29	-	18.81			
Other	0.00	-	1.61			
				0% 5	10 15 20	25 30 35 40 45 50 55 60 65

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bills	-	10.08	10.08	_
Pfizer Investment Enterprises Pte Ltd.	_	1.18	11.26	-
Bank of Korea	_	1.09	12.35	-
⊕ State Street Corporation	_	0.95	13.30	-
American Honda Finance Corporation	-	0.86	14.16	-
igodot Royal Bank of Canada	-	0.83	14.99	-
American Express Company	_	0.81	15.81	-
Philip Morris International Inc.	_	0.76	16.56	-
Volkswagen Group of America Finance LLC	_	0.72	17.28	-
Ally Financial Inc.	_	0.72	18.00	-

## Total Holdings 661

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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