# American Funds New World R6 RNWGX

# Portfolio Manager(s)

<b>J</b>
Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Bradford Freer since 01-2017
Akira Shiraishi since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
Piyada Phanaphat since 01-2020

# 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 23.56 years.

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

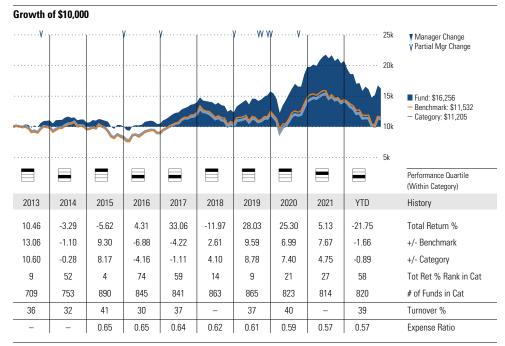
Net Expense: The fund's expense ratio of 0.57 is 50.43% lower than the Diversified Emerging Mkts category average.

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

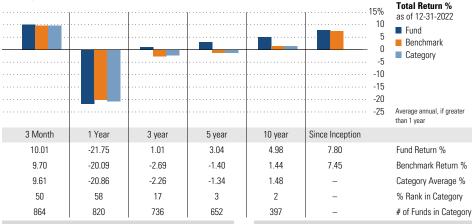
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## **ESG Metrics**

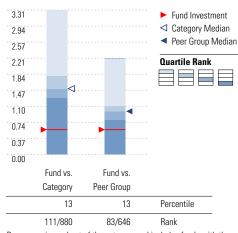
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



# Trailing Performance



# Net Expense



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

**3-Year Risk Metrics** Fund Bmark Cat Alpha 3.65 0.18 0.90 1 00 Beta R-Squared 82.26 88.98 Standard Deviation 20.37 20.55 21.86 Sharpe Ratio 0.11 -0.07 -0.06 Tracking Error 8.83 7.01 Information Ratio 0.42 -0.06 Up Capture Ratio 102.25 102.04 Down Capture Ratio 88.61 102.20

# Portfolio Metrics Fund Bmark

Price/Earnings Ratio	16.62	10.62	11.64
Price/Book Ratio	2.75	1.56	1.80
Geom Avg Mkt Cap \$B	52.53	33.24	38.67
ROE	22.44	17.19	18.44

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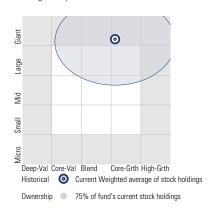
Cat

Morningstar Category Morningstar Index

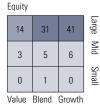
Diversified Emerging Mkts MSCI EM NR USD

# American Funds New World R6 RNWGX

# Style Analysis as of 12-31-2022 Morningstar Style Box™



# Style Breakdown



Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 12-31-2022

Ó	50	100

# Sector Weighting as of 12-31-2022

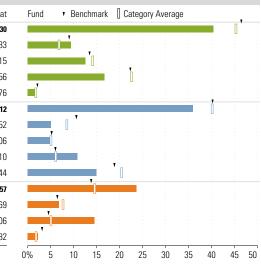
Asset Allocation as of 12-31-2022

		Fund	Bmark	Cat
Դ	Cyclical	40.45	46.30	45.30
æ.	Basic Materials	9.44	8.87	6.83
	Consumer Cyclical	12.52	13.30	14.15
ц.	Financial Services	16.73	22.17	22.56
ŵ	Real Estate	1.76	1.96	1.76
V.	Sensitive	35.96	40.06	40.12
	Communication Services	5.02	10.43	8.52
0	Energy	5.22	5.05	5.06
Ф	Industrials	10.77	5.87	6.10
	Technology	14.95	18.71	20.44
	Defensive	23.60	13.65	14.57
F	Consumer Defensive	6.85	6.29	7.69
٠	Healthcare	14.54	4.38	5.06
<b>9</b>	Utilities	2.21	2.98	1.82

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

Diversified Emerging Mkts

Asset Class Net % Cat% US Stocks 23.33 3.20 Non-US Stocks 67.82 94.72 Bonds 3.20 0.03 Cash 5.22 1.92 0.43 Other 0.14 Total 100.00 100.00



	Greater Asia	Fund % 39.06	Cat % 74.74	Americas	Fund % 36.28	Cat % 14.72	Greater Europe	Fund % 24.67	Cat % 10.53	Market Maturity	Fund %
<b>9</b> ,	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers Not Classified	2.68 0.68 7.33 28.37	0.09 0.05 24.78 49.82 0.00	North America Central/Latin	27.26 9.02	3.11 11.61	United Kingdom W euro-ex UK Emrgng Europe Africa	2.75 19.48 0.24 2.20	0.66 1.79 1.33 6.75	Developed Markets Emerging Markets Not Available	60.61 39.39 0.00
>75	NUL GIASSITIEU	0.00	0.00								

Top 10 Holdings as of 12-31-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash Fund	5.06	5.06	_	_
∋ Microsoft Corp	2.68	7.74	-27.94	Technology
€ Novo Nordisk A/S Class B	2.06	9.79	29.55	Healthcare
$\oplus$ Kotak Mahindra Bank Ltd	2.02	11.81	1.73	Financial Services
$\oplus$ Reliance Industries Ltd	1.92	13.73	7.86	Energy
igop Taiwan Semiconductor Manufacturing Co Ltd	1.78	15.51	-25.28	Technology
AIA Group Ltd	1.52	17.04	17.53	Financial Services
Airbus SE	1.43	18.47	0.80	Industrials
$\ni$ LVMH Moet Hennessy Louis Vuitton SE	1.38	19.85	-4.83	Consumer Cyclical
$oldsymbol{eta}$ Thermo Fisher Scientific Inc	1.30	21.15	-17.29	Healthcare

# Total Holdings 577

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

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# 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

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

*Management:* The fund's management has been in place for 22.27 years.

Style Consistency is not calculated for Fixed Income funds.

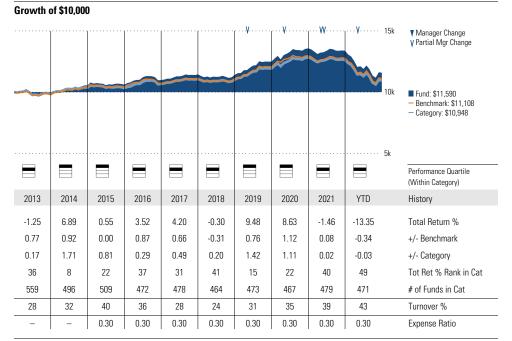
Net Expense: The fund's expense ratio of 0.3 is 46.43% lower than the Intermediate Core Bond category average.

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

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	01-31-2023
ESG Commitment	1-Low	02-15-2022



### **Trailing Performance**



### 4.62 Fund Investment Category Median 4.1 Peer Group Median 3.59 3.08 Quartile Rank 2.57 2.05 1.54 1.03 0.51 0.00 Fund vs Fund vs Peer Group Category 25 35 Percentile 124/503 145/417 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-Year Risk Metrics** Fund **Bmark** Cat Alpha 0.38 0.03 1 00 Beta 1 05 \_ 96.52 92.92 **R-Squared** Standard Deviation 6 23 5 85 612 Sharpe Ratio -0.51 -0.58 -0.56 Tracking Error 1.19 1.54 Information Ratio 0.20 -0.09 Up Capture Ratio 112.62 104.58 106.03 103.15 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.17	4.43	6.05
Avg Eff Maturity	8.23	-	8.25

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Morningstar Category Morningstar Index

Intermediate Core Bond

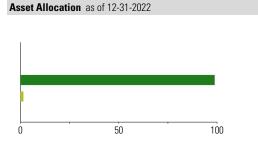
Bloomberg US Agg Bond TR USD

# Baird Aggregate Bond Inst BAGIX

## 

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.70	3.53	54.60
AA	3.80	74.59	8.55
A	12.70	10.82	17.15
BBB	23.50	8.32	16.13
BB	0.30	0.28	1.41
В	0.00	0.00	0.45
Below B	0.00	0.00	0.18
Not Bated	0.00	2.46	1.53



#### Asset Class Net % Cat% US Stocks 0.00 0.10 Non-US Stocks 0.00 0.02 Bonds 98.68 95.92 Cash 1.33 2.10 0.00 Other 1.87 Total 100.00 100.00

#### Sector Weighting as of 12-31-2022 Benchmark [] Category Average Bmark Cat Fund Fund [ Government 25.92 30.92 25.90 25.72 Treasurv \_ Inflation - Protected 0.00 1.34 | [] 0.02 10 Agency/Quasi Agency 1.10 Other Government Related 0.00 2.76 Ì. 0 39.80 Corporate 25.82 \_ Corporate Bond 39.80 25.72 Bank Loan 0.00 \_ 0.06 Convertible 0.00 0.01 Preferred 0.00 \_ 0.03 Securitized 31.65 33.07 \_ Agency MBS Pass-Through 25.00 23.32 Agency MBS ARM 0.00 0.33 Π Agency MBS CMO 0.01 2.14 Non-Agency Residential MBS 0 41 0.28 Commercial MBS 0.00 0.67 Asset-Backed 6.33 623 \_ Covered Bond 0.00 0.00 i) Municipal 1.17 \_ 0.80 **Cash & Equivalents** 1.47 6.78 \_ Other 0.00 \_ 2.62 0% 5 10 15 20 25 30 35 40

### Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Bonds 2.5%	02-2045	3.45	3.45	_
⊖ United States Treasury Bonds 2.88%	05-2043	2.55	6.00	-
⊕ United States Treasury Notes 1.13%	08-2028	2.18	8.18	-
United States Treasury Bonds 1.38%	11-2040	1.96	10.14	-
United States Treasury Notes 2.88%	06-2025	1.85	11.99	-
⊕ United States Treasury Notes 2.88%	05-2032	1.80	13.78	-
⊖ First American Government Obligs U	02-2030	1.27	15.05	-
○ United States Treasury Notes 1.13%	10-2026	1.23	16.28	-
⊖ United States Treasury Notes 3%	06-2024	1.22	17.50	-
⊕ United States Treasury Notes 2.38%	03-2029	0.99	18.49	-

# Total Holdings 1584

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Morningstar Category Mornin

Intermediate Core Bond Blo

Morningstar Index

and Bloomberg US Agg Bond TR USD

# Hartford Dividend and Growth R6 HDGVX

# Portfolio Manager(s)

Matthew Baker since 03-2010 Brian Schmeer since 12-2016 Nataliya Kofman since 08-2019

### Quantitative Screens

Performance: The fund has finished in the Large Value 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 12.84 years.

Style: The fund has landed in its primary style box — Large Value — 81.82 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.63 is 30% lower than the Large Value category average.

## Morningstar Investment Management LLC Analysis

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

# **ESG Metrics**

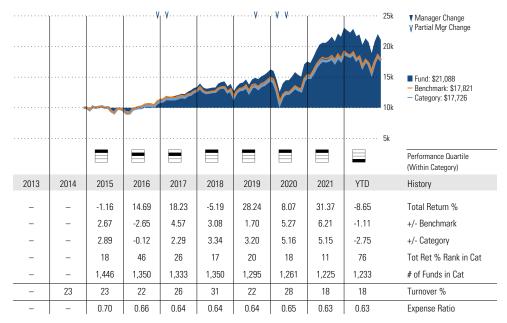
Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

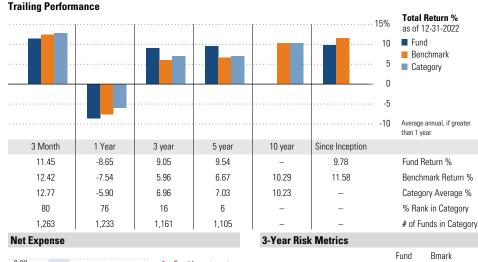




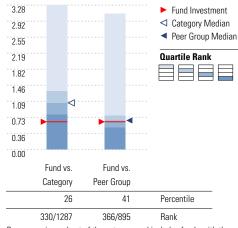
Large Value

ISSEIL LOOD AGINE LU OOD





ROE



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

Cat Alpha 3.18 1.13 0.92 0.98 Beta R-Squared 98.27 95.78 Standard Deviation 20.08 21 55 21 69 Sharpe Ratio 0.49 0.34 0.38 Tracking Error 3.11 4.67 Information Ratio 1.00 0.24 Up Capture Ratio 100.13 99.43 Down Capture Ratio 89.52 95.85

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 16 46 15.09 13.78 Price/Book Ratio 3.04 2.25 2.38 Geom Avg Mkt Cap \$B 137.59 73 18 109.39

26.77

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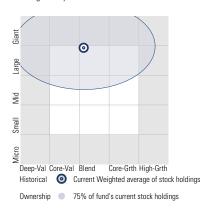


18.04

23.75

# Hartford Dividend and Growth R6 HDGVX

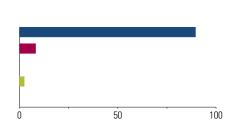
Style Analysis as of 12-31-2022 Morningstar Style Box™



Large

Mid 2

Small



Asset Class	Net %	Cat%
US Stocks	89.52	91.62
Non-US Stocks	8.14	5.57
Bonds	0.00	0.35
Cash	2.34	1.83
Other	0.00	0.62
Total	100.00	100.00

# Sector Weighting as of 12-31-2022

Asset Allocation as of 12-31-2022

Դ	Cyclical	33.23	34.80	32.99									
÷.	Basic Materials	3.65	3.82	3.53									
A	Consumer Cyclical	5.64	6.00	6.70									
<b>P</b>	Financial Services	20.05	20.26	19.65									
ŵ	Real Estate	3.89	4.72	3.11									
w,	Sensitive	36.96	34.34	36.57			•					]	
	Communication Services	7.87	7.37	6.23			<b>.</b>						
0	Energy	5.61	8.46	8.73									
¢	Industrials	7.55	10.53	11.13									
	Technology	15.93	7.98	10.48							_		
<b>→</b>	Defensive	29.81	30.84	30.45		•	-		•				
	Consumer Defensive	6.52	7.51	8.42			0		_				
٠	Healthcare	18.57	17.53	16.92									
9	Utilities	4.72	5.80	5.11									
					0%	5	10	15	20	25	30	35	

## **Top 0 Holdings** as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	

# Total Holdings 0

Style Breakdown Equity

> 32 26

7 4

Value Blend Growth

>50 25-50 10-25 0-10

29

0 0 0

Weight %

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Morningstar Category **Morningstar Index** Large Value

Russell 1000 Value TR USD

# JPMorgan Large Cap Growth R6 JLGMX

Portfolio Manager(s)

Giri Devulapally since 08-2004 Joseph Wilson since 11-2020 Larry Lee since 11-2020 Holly Fleiss since 01-2022 Robert Maloney since 11-2022

## Quantitative Screens

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

Management: The fund's management has been in place for 18.42 years.

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

Net Expense: The fund's expense ratio of 0.44 is 54.17% lower than the Large Growth category average.

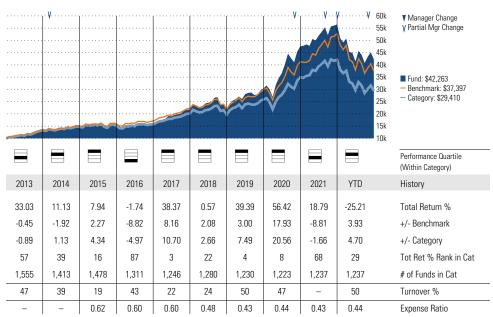
# Morningstar Investment Management LLC Analysis

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

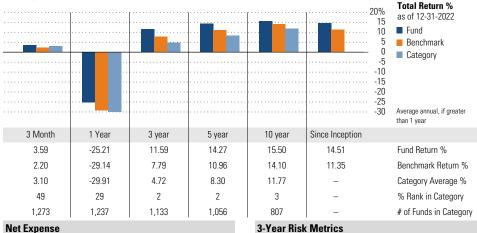
### **ESG Metrics**

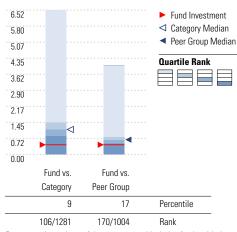
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	04-07-2022

Growth of \$10,000



## 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 3.68 -2.73 0.97 Beta 0.98 95.99 **R-Squared** 93.03 Standard Deviation 23 75 23.80 24 00 Sharpe Ratio 0 54 0.39 0.27 Tracking Error 4.78 6.26 Information Ratio 0.80 -0.62 Up Capture Ratio 99.13 89.56 Down Capture Ratio 88.11 97.48

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 22.17 24 23 23.83 Price/Book Ratio 6.37 8.23 6.53 Geom Avg Mkt Cap \$B 194 59 222.04 263 75 ROE 40.41 41.41 37.70

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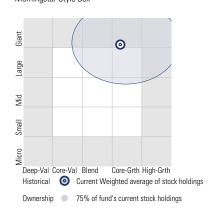
Morningstar Index

Russell 1000 Growth TR USD

Morningstar Category

# JPMorgan Large Cap Growth R6 JLGMX

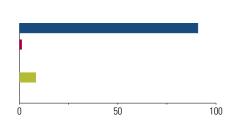
Style Analysis as of 12-31-2022 Morningstar Style Box™



Large

Mid 3

Small



Asset Class	Net %	Cat%
US Stocks	90.75	93.06
Non-US Stocks	1.05	4.43
Bonds	0.00	0.02
Cash	8.21	1.70
Other	0.00	0.80
Total	100.00	100.00

# Sector Weighting as of 12-31-2022

Asset Allocation as of 12-31-2022

		Fund	Bmark	Cat	Fund		۷B	enchr	nark	Ca	tegory	/ Aver	age				
Դ	Cyclical	22.35	23.90	28.54													
<b>.</b> #.	Basic Materials	2.46	1.27	1.48	Ú.												
A	Consumer Cyclical	14.01	13.83	15.14													
цů	Financial Services	5.88	7.14	10.27	_	÷.	0										
ŵ	Real Estate	0.00	1.66	1.65													
V <sup>ar</sup>	Sensitive	48.71	55.91	50.56													
g	Communication Services	3.72	6.69	8.92		1	0										
•	Energy	3.66	1.71	2.20			_										
¢	Industrials	9.89	8.50	6.49		0							,				
	Technology	31.44	39.01	32.95			-			-		0	1				
	Defensive	28.95	20.18	20.90					0								
F	Consumer Defensive	4.64	6.72	4.26		]											
٠	Healthcare	24.31	13.40	16.09	_			(									
2	Utilities	0.00	0.06	0.55	0												
					0%	5	10	15	20	25	30	35	40	45	50	55	

### **Top 0 Holdings** as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

# Total Holdings 0

Style Breakdown Equity

Value Blend Growth

10 30

1 3

0 0 0

Weight % >50 25-50 10-25 0-10

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Morningstar Category **Morningstar Index** Large Growth

Russell 1000 Growth TR USD

# Loomis Sayles Core Plus Bond N NERNX

Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

Portfolio Manager(s) Peter Palfrey since 12-1996 Richard Raczkowski since 05-1999 Ian Anderson since 02-2020 Barath Sankaran since 02-2020

# Quantitative Screens

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

Management: The fund's management has been in place for 26.02 years.

Style Consistency is not calculated for Fixed Income funds.

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

# **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

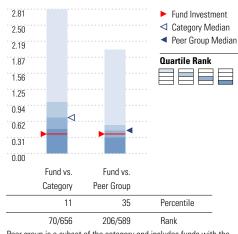
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
ESG Commitment	1-Low	02-15-2022

							γ		15k	▼ Manager Change γ Partial Mgr Change
					~~~~				10k	<ul> <li>Fund: \$11,918</li> <li>Benchmark: \$11,130</li> <li>Category: \$11,316</li> </ul>
			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					5k	
										Performance Quartile (Within Category)
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
_	6.39	-3.84	7.59	5.31	-0.52	9.05	10.71	-1.34	-12.65	Total Return %
-	6.39 0.42	-3.84 -4.39	7.59 4.94	5.31 1.77	-0.52 -0.53	9.05 0.33	10.71 3.20	-1.34 0.20	-12.65 0.36	Total Return % +/- Benchmark
- - -							-	_		
- - -	0.42	-4.39	4.94	1.77	-0.53	0.33	3.20	0.20	0.36	+/- Benchmark
- - -	0.42 0.97	-4.39 -3.39	4.94 3.73	1.77 1.04	-0.53 0.09	0.33 0.11	3.20 2.65	0.20 -0.67	0.36 0.62	+/- Benchmark +/- Category
- - - - 107	0.42 0.97 22	-4.39 -3.39 97	4.94 3.73 2	1.77 1.04 15	-0.53 0.09 41	0.33 0.11 57	3.20 2.65 11	0.20 -0.67 77	0.36 0.62 25	+/- Benchmark +/- Category Tot Ret % Rank in Cat



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.

Fund **Bmark** Cat Alpha 1.43 0.42 1 08 1 04 Beta \_ R-Squared 93.99 80.21 Standard Deviation 6 53 5 85 6.92 Sharpe Ratio -0.34 -0.58 -0.46 Tracking Error 1.67 3.09 Information Ratio 0.69 0.09 Up Capture Ratio 121.94 116.52 Down Capture Ratio 102.15 108.79

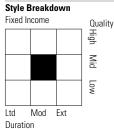
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.84	4.43	6.10
Avg Eff Maturity	9.05	-	8.51

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# Loomis Sayles Core Plus Bond N NERNX

# Style Analysis as of 12-31-2022



Total	100.00	100.00
Other	0.00	-1.94
Cash	5.98	-1.93
Bonds	94.02	103.83
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.02
Asset Class	Net %	Cat%

# Sector Weighting as of 12-31-2022

Asset Allocation as of 12-31-2022

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	60.49	3.53	49.80
AA	2.11	74.59	5.85
A	5.60	10.82	11.84
BBB	23.00	8.32	19.67
BB	7.90	0.28	5.52
В	0.71	0.00	2.31
Below B	0.19	0.00	1.04
Not Rated	0.00	2.46	3.97

	Fund	Bmark	Cat	Fund	۲	Bench	mark	Cate	gory Ave	erage			
Government	42.08	-	26.73		-		-		]			-	
Treasury	27.31	-	18.70										
Inflation – Protected	0.00	-	0.30	0									
Agency/Quasi Agency	0.64	-	0.64										
Other Government Related	14.13	-	7.09		0								
Corporate	25.35	-	29.49										
Corporate Bond	23.82	-	28.87			-							
Bank Loan	1.53	_	0.25										
Convertible	0.00	_	0.06	ĺ.									
Preferred	0.00	_	0.31	0									
Securitized	30.82	-	31.61										
Agency MBS Pass-Through	25.26	-	15.89			-							
Agency MBS ARM	0.00	-	0.07	0									
Agency MBS CMO	0.12	-	1.10	1									
Non-Agency Residential MBS	0.05	-	0.30	0									
Commercial MBS	0.00	_	1.82	[]									
Asset-Backed	5.39	_	12.43			[							
Covered Bond	0.00	_	0.00	0									
Municipal	0.12	_	0.90	1									
Cash & Equivalents	1.62	_	4.54		[								
Other	0.00	-	6.74		0								
				0%	5	10	15	20	25	30	35	40	

% Net Asset

Cumulative %

Fixed Income Sector

# Top 0 Holdings as of 12-31-2022

### Name

### Total Holdings 0

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



Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

Maturity Date

# MFS New Discovery R6 MNDKX

# Portfolio Manager(s)

Michael Grossman since 12-2013

### Quantitative Screens

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

Management: The fund's management has been in place for 9.01 years.

Style: The fund has landed in its primary style box — Small Growth — 78.13 % of the time over the past three years.

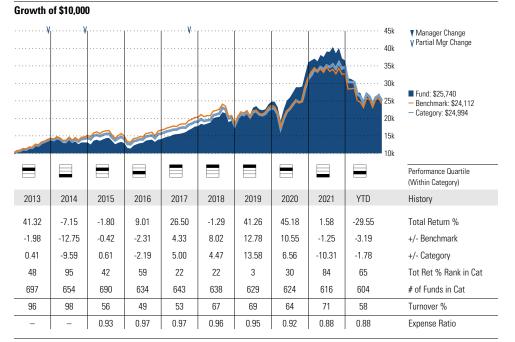
Net Expense: The fund's expense ratio of 0.88 is 26.05% lower than the Small Growth category average.

# 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.

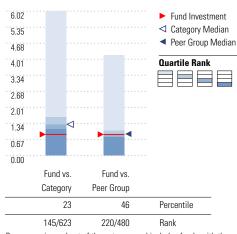
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium 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.

400		_	# 0		ategory
3-Year Ri	sk Me	etrics			
			Fund	Bmark	Cat
Alpha			0.64	-	2.83
Beta			0.93	-	0.95
R-Squared			93.62	-	91.46
Standard De	viation		25.48	26.57	26.53
Sharpe Ratio	)		0.14	0.12	0.22
Tracking Err	or		6.71	-	7.92
Information	Ratio		0.09	-	0.35
Up Capture	Ratio		93.36	-	101.46
Down Captu	re Ratio	D	91.83	-	94.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.62	13.28	21.13
Price/Book Ratio	2.61	3.39	3.57
Geom Avg Mkt Cap \$B	3.26	2.51	4.52
ROE	5.78	12.50	12.24

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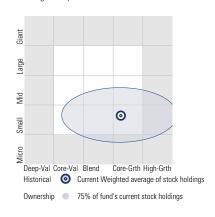
Morningstar Category Morningstar Index

Small Growth

Russell 2000 Growth TR USD

# MFS New Discovery R6 MNDKX

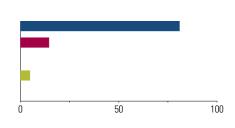
**Style Analysis** as of 12-31-2022 Morningstar Style Box™



Large

4 10 10 <sup>≦</sup>.

Small



Asset Class	Net %	Cat%
US Stocks	80.86	92.50
Non-US Stocks	14.42	4.22
Bonds	0.00	0.01
Cash	4.73	2.51
Other	0.00	0.76
Total	100.00	100.00

**Morningstar Index** 

Russell 2000 Growth TR USD

**Morningstar Category** 

# Sector Weighting as of 12-31-2022

		Fund	Bmark	Cat	Fund	. 1	Ben	chmark	: [] C	ategor	y Avera	ge			
Դ	Cyclical	31.41	22.65	25.63		÷	1	1							
æ.	Basic Materials	5.75	4.78	2.79			j.								
A	Consumer Cyclical	14.45	9.82	11.03											
цф	Financial Services	9.70	5.84	9.28	_										
ŵ	Real Estate	1.51	2.21	2.53											
w,	Sensitive	47.89	47.52	46.46											
đ	Communication Services	5.07	2.15	1.84											
•	Energy	7.56	7.42	4.36					_						
¢	Industrials	11.15	17.17	17.68					0						
	Technology	24.11	20.78	22.58						(	_				
<b>→</b>	Defensive	20.68	29.82	27.91		-					0				
1	Consumer Defensive	3.87	4.88	4.70		0				_					
٠	Healthcare	16.81	23.09	22.23						]					
9	Utilities	0.00	1.85	0.98	i []										
					0%	5	10	15	20	25	30	35	40	45	E

### **Top 0 Holdings** as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

# Total Holdings 0

Style Breakdown Equity

33 30

Value Blend Growth

0 0

13

Weight %

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

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Asset Allocation as of 12-31-2022

# MFS Research International R6 MRSKX

# Portfolio Manager(s)

Camille Lee since 09-2018 Nicholas Paul since 12-2022

# Quantitative Screens

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

Management: The fund's management has been in place for 4.33 years.

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

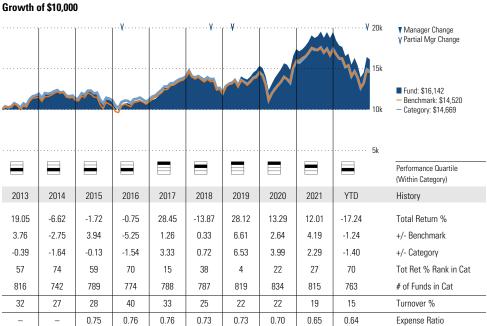
Net Expense: The fund's expense ratio of 0.64 is 28.09% lower than the Foreign Large Blend category average.

## Morningstar Investment Management LLC Analysis

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022



# **Trailing Performance**



4 4 1 Fund Investment Category Median 3.92 Peer Group Median 3.43 2.94 Quartile Rank 2.45 1.96 1.47 0.98 0.49 Fund vs Fund vs Peer Group Category 29 36 Percentile 234/813 208/579 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.

15 Fund 10 Benchmark 5 Category 0 -5 -10 -15 -20 Average annual, if greater than 1 year Since Inception Fund Return % 3.42 4.35 Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 1.59 0.80 0.96 1 03 94.22 94.10 Standard Deviation 19.53 1941 20.67 0.13 0.06 0.09

4.72

5.04

0.14

106.74

104.08

Cat

**Total Return %** 

as of 12-31-2022

..... 20%

Information Ratio 0.33 Up Capture Ratio 105.76 Down Capture Ratio 99.61 **Portfolio Metrics** Eund Rmark

Alpha

Beta

R-Squared

Sharpe Ratio

Tracking Error

	Fullu	DIIIdIK	Gal
Price/Earnings Ratio	14.82	11.94	12.68
Price/Book Ratio	1.96	1.58	1.72
Geom Avg Mkt Cap \$B	43.38	39.70	47.23
ROE	21.23	18.39	20.83

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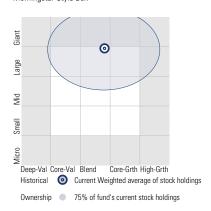


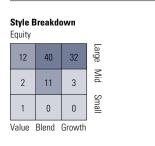
Morningstar Index **Morningstar Category** Foreign Large Blend

MSCI ACWI Ex USA NR USD

# MFS Research International R6 MRSKX

Style Analysis as of 12-31-2022 Morningstar Style Box™

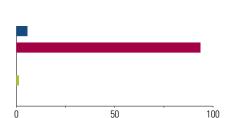




Weight %

>50 25-50 10-25 0-10

# World Regions % Equity 12-31-2022



Bmark

42.57

8.36

10.81

20.80

2.60

35.51

6.32

6.11

12.12

10.96

21.90

8.69

10.00

3.21

Fund

40.69

9.35

9.87

19.33

2.14

33.15

4.50

5.56

15.89

7.20

26.16

9.05

13.79

3.32

Asset Allocation as of 12-31-2022

Sector Weighting as of 12-31-2022

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Net %	Cat%
5.44	2.74
93.48	94.64
0.00	0.21
1.08	1.20
0.00	1.19
100.00	100.00
	5.44 93.48 0.00 1.08 0.00

Morningstar Index

MSCI ACWI Ex USA NR USD

Morningstar Category

Foreign Large Blend

### Benchmark [] Category Average Cat Fund 39.16 7.62 10.55 18.85 2.14 35.36 5.22 5.65 14.57 9.92 25.48 10.07 12.47 2.94 0% 10 15 20 25 30 35 40 45 5

		Greater Asia	Fund % 32.44	Cat % 35.26	Americas	Fund % 7.04	Cat % 8.84	Greater Europe	Fund % 60.53	Cat % 55.90	Market Maturity	Fund %
	Ŷ.	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	19.15 3.80 5.87 3.62	18.06 5.40 6.66 5.14	North America Central/Latin	7.04 0.00	7.61 1.23	United Kingdom W euro-ex UK Emrgng Europe Africa	14.36 46.17 0.00 0.00	13.78 40.87 0.06 1.19	Developed Markets Emerging Markets Not Available	96.38 3.62 0.00
<25 25-50 50	)-75 >75	Not Classified	0.00	0.00								
Top 0 Holdings as of 12	-31-2022											
Name						% Net Asset	Cur	nulative %	YTD Return %	Mornir	ngstar Sector	

### Total Holdings 0

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

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# Neuberger Berman Real Estate R6 NRREX

## Portfolio Manager(s)

Steve Shigekawa since 12-2005 Brian Jones since 10-2008

# Quantitative Screens

*Performance:* The fund has finished in the Real Estate category's top three quartiles in 7 of the 9 years it's been in existence.

Management: The fund's management has been in place for 17.01 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend — 71.88 % of the time over the past three years.

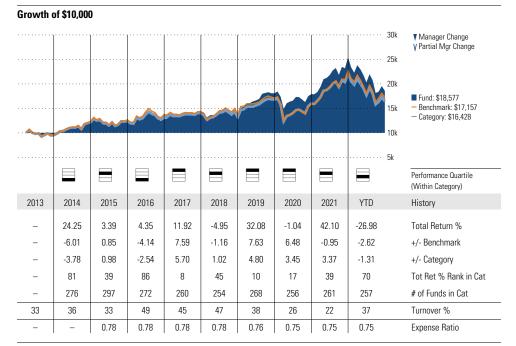
Net Expense: The fund's expense ratio of 0.75 is 27.18% lower than the Real Estate category average.

### **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.

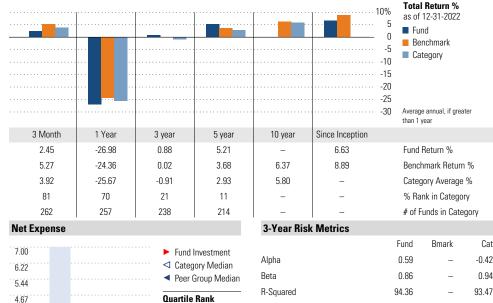
# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022



Real Estate

### **Trailing Performance**



Standard Deviation

Geom Avg Mkt Cap \$B

ROE

Sharpe Ratio

74/262 76/191 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.

40

Percentile

Fund vs

Peer Group

Tracking Error 5.97 5.57 Information Ratio 0.14 -0.09 Up Capture Ratio 92.68 94.53 Down Capture Ratio 90.50 96.18 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 22.87 38.46 23.21 Price/Book Ratio 2.64 2.42 2.12

20.89

0.10

27.63

22.33

23 61

0.08

22.85

0.07

24.92

17.43

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Fund vs

Category

28

3.89

3.11

2.33

1.56

0.78

0.00



935

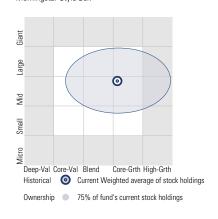
9.56

Morningstar Category Morningstar Index

S&P United States REIT TR USD

# Neuberger Berman Real Estate R6 NRREX

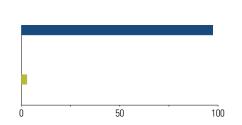
Style Analysis as of 12-31-2022 Morningstar Style Box™



Large

Mid 11

Small



Total	100.00	100.00
Other	0.00	11.73
Cash	2.71	0.79
Bonds	0.00	3.52
Non-US Stocks	0.00	1.58
US Stocks	97.29	82.38
Asset Class	Net %	Cat%

# Sector Weighting as of 12-31-2022

Asset Allocation as of 12-31-2022

		Fund	Bmark	Cat	Fund	۲	Be	nchr	nark		Cate	gory	Ave	erage	Э					
Դ	Cyclical	100.00	99.13	99.22			-	-												
æ.	Basic Materials	0.00	0.00	0.10	Ó															
	Consumer Cyclical	0.00	0.13	0.91	0															
цф	Financial Services	0.00	0.00	0.22																
ŵ	Real Estate	100.00	99.00	97.99					1 1 											
w	Sensitive	0.00	0.87	0.74	0															
	Communication Services	0.00	0.00	0.20	ĺ															
0	Energy	0.00	0.00	0.04	0															
Ф	Industrials	0.00	0.87	0.30	ľ															
	Technology	0.00	0.00	0.20	ĺ															
-	Defensive	0.00	0.00	0.05																
	Consumer Defensive	0.00	0.00	0.00	0															
٠	Healthcare	0.00	0.00	0.00	0															
2	Utilities	0.00	0.00	0.05																
					0% 5 1	0 15	20	25 3	30 35	5 40	45 !	50 5	56	0 65	70	75	80	85 9	30 9	500

# **Top 0 Holdings** as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

### Total Holdings 0

Style Breakdown Equity

> 2 3

Value Blend Growth

3 10 27

5 38

0

Weight % >50 25-50 10-25 0-10

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Morningstar Category Real Estate

Morningstar Index S&P United States REIT TR USD

# Vanguard 500 Index Admiral VFIAX

# Portfolio Manager(s)

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

# Quantitative Screens

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

*Management:* The fund's management has been in place for 6.68 years.

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

Net Expense: The fund's expense ratio of 0.04 is 94.81% 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.

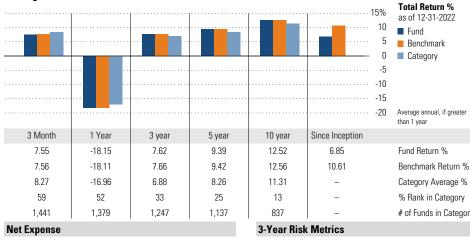
### **ESG Metrics**

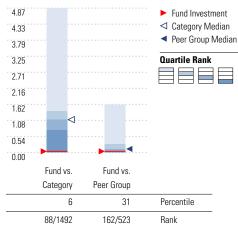
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





### **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.

Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha -0.04 -0.68 1 00 0.96 Beta \_ 100.00 **R-Squared** 95.98 Standard Deviation 21 17 21 16 20.73 Sharpe Ratio 0 41 0 41 0.36 Tracking Error 0.01 3.95 Information Ratio -3.96 -0.83 Up Capture Ratio 99.95 94.55 Down Capture Ratio 100.07 96.96

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 19.04 19.03 18.29 Price/Book Ratio 3.59 3.59 4.14 Geom Avg Mkt Cap \$B 161 35 161 22 211 02 ROE 31.18 31.17 36.63

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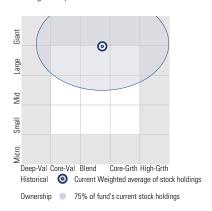
Morningstar Index

S&P 500 TR USD

Morningstar Category

# Vanguard 500 Index Admiral VFIAX

Style Analysis as of 12-31-2022 Morningstar Style Box™









>50 25-50 10-25 0-10

# Top 15 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ige > Apple Inc	6.03	6.03	-26.32	Technology
€ Microsoft Corp	5.55	11.58	-27.94	Technology
$\oplus$ Amazon.com Inc	2.31	13.90	-49.62	Consumer Cyclical
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.73	15.63	3.31	Financial Services
$\oplus$ Alphabet Inc Class A	1.64	17.26	-39.09	Communication Svc
🕀 UnitedHealth Group Inc	1.54	18.80	6.86	Healthcare
ightarrow Alphabet Inc Class C	1.46	20.26	-38.67	Communication Svc
Đ Johnson & Johnson	1.43	21.69	5.86	Healthcare
∋ Exxon Mobil Corp	1.41	23.10	86.06	Energy
$\oplus$ JPMorgan Chase & Co	1.22	24.32	-12.79	Financial Services
➔ NVIDIA Corp	1.13	25.45	-50.26	Technology
Đ Procter & Gamble Co	1.12	26.57	-5.14	Consumer Defensive
$oldsymbol{eta}$ Visa Inc Class A	1.05	27.62	-3.40	Financial Services
€ Tesla Inc	1.03	28.64	-65.03	Consumer Cyclical
$\oplus$ The Home Depot Inc	1.00	29.65	-22.06	Consumer Cyclical

Asset Allocation as of 12-31-2022

Sector Weighting as of 12-31-2022

0

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Energy

¢

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

50

Fund

28.67

2.46

9.57

13.84

2.80

44 61

7.28

5.24

9.06

23.03

26.71

7.61

15.91

3.19

Bmark

28.72

2.46

9.56

13 89

2.81

44.59

7.28

5.23

9.06

23.02

26.69

7.61

15.90

3.18

100

# Total Holdings 509

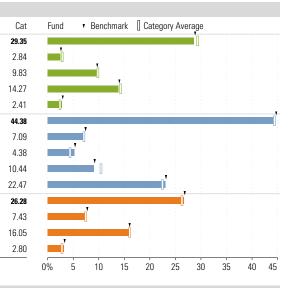
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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Morningstar CategoryMorningstar IndexLarge BlendS&P 500 TR USD

#### Asset Class Net % Cat% US Stocks 98.54 94.79 Non-US Stocks 1.12 2.81 Bonds 0.00 0.84 Cash 0.33 0.45 0.00 Other 1.10 Total 100.00 100.00



# Vanguard Developed Markets Index Admiral VTMGX

# Portfolio Manager(s)

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

# Quantitative Screens

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

Management: The fund's management has been in place for 9.86 years.

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

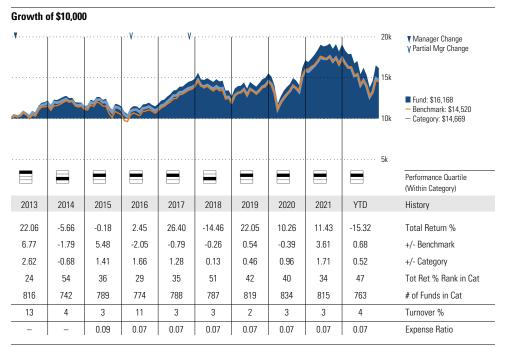
Net Expense: The fund's expense ratio of 0.07 is 92.13% lower than the Foreign Large Blend category average.

### Morningstar Investment Management LLC Analysis

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



# **Trailing Performance**



Fund vs	<ul> <li>Fund Investment</li> <li>Category Median</li> <li>Peer Group Median</li> <li>Quartile Rank</li> </ul>	Alpha Beta R-Squared Standard Deviation Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio
Fund vs. Peer Group		<b>Portfolio Metrics</b>
41	Percentile	Price/Farnings Batio

ROE

60/813 112/275 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

•			
Information Ratio	0.30	-	0.14
Up Capture Ratio	113.94	-	106.74
Down Capture Ratio	108.59	-	104.08
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.90	11.94	12.68
Price/Book Ratio	1.45	1.58	1.72
Geom Avg Mkt Cap \$B	27.03	39.70	47.23

96.85

21 45

0.13

4.12

17.78

19.53

0.06

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Fund vs. Category

8

2.94

2.45

1.96

1.47 0.98 0.49 0.00



18.39

Cat

0.80

1 03

94.10

20.67

0.09

5.04

20.83

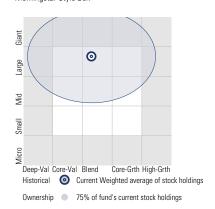
**Morningstar Category** Foreign Large Blend

MSCI ACWI Ex USA NR USD

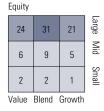
Morningstar Index

# Vanguard Developed Markets Index Admiral VTMGX

**Style Analysis** as of 12-31-2022 Morningstar Style Box™





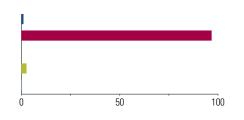


Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 12-31-2022



# Sector Weighting as of 12-31-2022

Asset Allocation as of 12-31-2022

		Fund	Bmark	Cat
Դ	Cyclical	41.39	42.57	39.16
<i>.</i>	Basic Materials	8.33	8.36	7.62
<b>~</b>	Consumer Cyclical	10.21	10.81	10.55
цф	Financial Services	19.14	20.80	18.85
ŵ	Real Estate	3.71	2.60	2.14
w	Sensitive	35.64	35.51	35.36
g	Communication Services	4.53	6.32	5.22
0	Energy	5.83	6.11	5.65
¢	Industrials	15.73	12.12	14.57
	Technology	9.55	10.96	9.92
	Defensive	22.98	21.90	25.48
F	Consumer Defensive	8.64	8.69	10.07
٠	Healthcare	11.20	10.00	12.47
Ç	Utilities	3.14	3.21	2.94

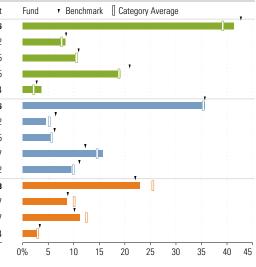
Asset Class	Net %	Cat%
US Stocks	0.84	2.74
Non-US Stocks	96.62	94.64
Bonds	0.00	0.21
Cash	2.41	1.20
Other	0.12	1.19
Total	100.00	100.00

Morningstar Index

MSCI ACWI Ex USA NR USD

**Morningstar Category** 

Foreign Large Blend



	Greater Asia	Fund % 36.24	Cat % 35.26	Americas	Fund % 10.76	Cat % 8.84	Greater Europe	Fund % 53.00	Cat % 55.90	Market Maturity	Fund %
	Japan	20.54	18.06	North America	10.67	7.61	United Kingdom	12.40	13.78	Developed Markets	99.43
	Australasia	7.45	5.40	Central/Latin	0.09	1.23	W euro-ex UK	39.66	40.87	Emerging Markets	0.57
	Asia-4 Tigers	8.06	6.66				Emrgng Europe	0.28	0.06	Not Available	0.00
	Asia-ex 4 Tigers	0.19	5.14				Africa	0.66	1.19		
	Not Classified	0.00	0.00								
5											

# Top 10 Holdings as of 12-31-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Nestle SA	1.57	1.57	-14.50	Consumer Defensive
€ Slcmt1142	1.52	3.09	-	-
€ ASML Holding NV	1.11	4.20	-27.89	Technology
Đ Roche Holding AG	1.10	5.31	-21.78	Healthcare
$oldsymbol{eta}$ Samsung Electronics Co Ltd	1.09	6.39	-	Technology
Novo Nordisk A/S Class B	1.07	7.47	29.42	Healthcare
$\ni$ Shell PLC	1.01	8.48	41.13	Energy
🕀 AstraZeneca PLC	1.01	9.49	25.04	Healthcare
i  Novartis AG	0.92	10.41	6.63	Healthcare
EVMH Moet Hennessy Louis Vuitton SE	0.92	11.33	-4.90	Consumer Cyclical

# Total Holdings 4091

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

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# 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.

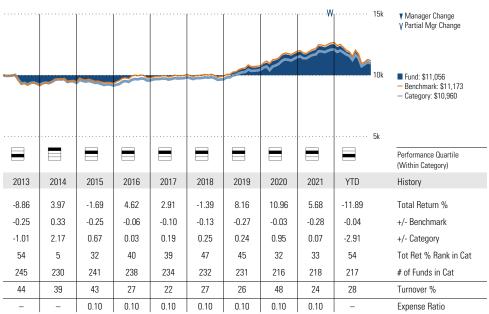
Net Expense: The fund's expense ratio of 0.1 is 82.76% lower than the Inflation-Protected Bond category average.

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

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023



**Morningstar Category** 

Inflation-Protected Bond



Growth of \$10,000



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

14

Percentile

Rank

characteristics.

23/167

10

21/218

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M RNINGSTAR

Bmark

4 52

Cat

5.55

6.37

Fund

6 54

7.10

Morningstar Index Bloomberg US Treasury US TIPS TR

USD

									- Categor
								5k	Performan (Within Ca
2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
3.97	-1.69	4.62	2.91	-1.39	8.16	10.96	5.68	-11.89	Total Ret
0.33	-0.25	-0.06	-0.10	-0.13	-0.27	-0.03	-0.28	-0.04	+/- Benc
2.17	0.67	0.03	0.19	0.25	0.24	0.95	0.07	-2.91	+/- Categ
5	32	40	39	47	45	32	33	54	Tot Ret 9
230	241	238	234	232	231	216	218	217	# of Fund
39	43	27	22	27	26	48	24	28	Turnover
-	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-	Expense
 Performa	ance			1					as of 12-
								0	<ul> <li>Fund</li> <li>Bench</li> <li>Categ</li> </ul>
 									- Galey

# Vanguard Inflation-Protected Secs Adm VAIPX

# Style Analysis as of 12-31-2022



0 50 100

Total	100.00	100.00
Other	0.00	0.70
Cash	4.05	2.15
Bonds	95.95	97.04
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.12
Asset Class	Net %	Cat%

# Sector Weighting as of 12-31-2022

Asset Allocation as of 12-31-2022

Fund	Bmark	Cat
95.88	0.00	88.32
0.00	99.60	3.60
0.00	0.00	1.66
0.00	0.00	2.25
0.00	0.00	0.50
0.00	0.00	0.15
0.00	0.00	0.14
4.12	0.40	3.38
	95.88 0.00 0.00 0.00 0.00 0.00 0.00	95.88         0.00           0.00         99.60           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	95.86	-	89.94			li in
Treasury	2.90	-	0.39			
Inflation – Protected	92.96	-	84.49			
Agency/Quasi Agency	0.00	-	0.09	0		
Other Government Related	0.00	-	4.97	10		
Corporate	0.00	-	2.44			
Corporate Bond	0.00	-	2.29	10		
Bank Loan	0.00	-	0.15	0		
Convertible	0.00	-	0.00	0		
Preferred	0.00	-	0.00	D		
Securitized	0.00	-	3.50	[]		
Agency MBS Pass-Through	0.00	-	0.43	0		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.10	0		
Non-Agency Residential MBS	0.00	-	0.14	0		
Commercial MBS	0.00	-	0.39	0		
Asset-Backed	0.00	-	2.29			
Covered Bond	0.00	-	0.15	0		
Municipal	0.00	-	0.02	[		
Cash & Equivalents	4.15	-	3.04			
Other	0.00	-	1.07	0		

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9\mathbf{\overline{3}00}$ 

# Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Mktliq 12/31/2049	-	4.15	4.15	_
⊕ United States Treasury Notes	_	3.60	7.75	-
$\ominus$ United States Treasury Notes	_	3.30	11.05	-
$\ominus$ United States Treasury Notes	_	3.30	14.35	-
United States Treasury Notes	-	3.29	17.64	-
⊖ United States Treasury Notes	_	3.13	20.77	-
$\ominus$ United States Treasury Notes	_	3.02	23.79	-
$\ominus$ United States Treasury Notes	_	2.98	26.78	-
$\ominus$ United States Treasury Notes	_	2.96	29.74	-
$\ominus$ United States Treasury Notes	-	2.95	32.69	-

# Total Holdings 58

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

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Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Growth of \$10,000

Portfolio Manager(s)

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

## Quantitative Screens

*Performance:* The fund has finished in the Allocation- 30% to 50% Equity 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 87.23% lower than the Allocation--30% to 50% Equity 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.

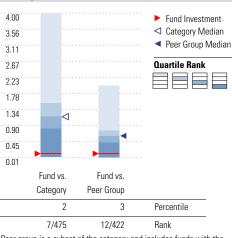
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
ESG Commitment	1-Low	02-15-2022

20 Vanager Change V Partial Mgr Change Fund: \$15,448 - Benchmark: \$16,056 - Category: \$14,096 10k Performance Quartile \_ (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 9.08 6.95 -0.17 5.96 10.92 -2.95 15.68 11.51 6.05 -14.99 Total Return % -1.39 0.40 -0.62 0.19 0.41 -0.54 -0 21 0.00 -1.14 -0.93 +/- Benchmark 1.85 2.93 2.15 -0.66 1.06 2.09 0.87 2.65 -2.19 -1.68 +/- Category 9 30 36 27 78 Tot Ret % Rank in Cat 33 12 54 14 85 533 510 559 524 505 518 501 468 472 467 # of Funds in Cat 19 15 16 9 6 11 9 23 5 21 Turnover % Expense Ratio



Net Expense



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

**3-Year Risk Metrics** Fund Bmark Cat Alnha -0.72 -0.07 Beta 1.02 1.04 **R**-Squared 99.32 92 82 \_ Standard Deviation 10.44 10.23 11.05 Sharpe Ratio -0.01 0.05 0.05 Tracking Error 0.88 3.07 Information Ratio -0.83 -0.03 Up Capture Ratio 98.58 103.16 Down Capture Ratio 103.74 104.12 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	14.70	15.71	16.64
Price/Book Ratio	2.20	2.46	2.75
Avg Eff Duration	6.84	6.45	5.22

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Morningstar Index

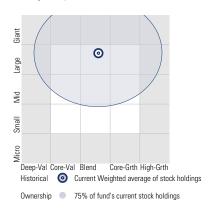
Morningstar Category Allocation--30% to 50%

Equity

Morningstar US Mod Con Tgt Alloc NR USD

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

# **Style Analysis** as of 12-31-2022 Morningstar Style Box<sup>™</sup>



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

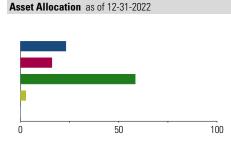
Fixed Income

Quality

High

Mid

Low



# Sector Weighting as of 12-31-2022

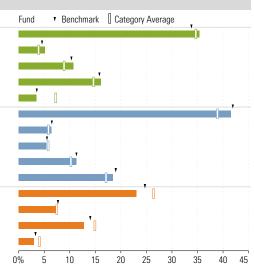
	biol Holghing abor i	2 01 2022		
		Fund	Bmark	Cat
Դ	Cyclical	35.38	33.67	34.67
<i>.</i>	Basic Materials	5.09	4.43	3.89
A	Consumer Cyclical	10.67	10.18	8.88
цф	Financial Services	16.12	15.66	14.64
ŵ	Real Estate	3.50	3.40	7.26
$\sim$	Sensitive	41.58	41.77	38.91
d	Communication Services	6.40	6.35	5.83
$\mathbf{\diamond}$	Energy	5.43	5.40	5.76
¢	Industrials	11.34	11.16	10.22
	Technology	18.41	18.86	17.10
	Defensive	23.04	24.57	26.42
F	Consumer Defensive	7.25	7.55	7.45
٠	Healthcare	12.78	13.87	14.92
9	Utilities	3.01	3.15	4.05

### USD Equity Asset Class Net % Cat% US Stocks 23.05 25.69 Non-US Stocks 15.93 6.35 58.33 Bonds 56.92 Cash 2.66 6.88 Other 0.03 4.14 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR

Morningstar Category Allocation--30% to 50%



# Weight %

Style Breakdown

Equity

17 27 29

6 9

2 3 2

Value

>50 25-50 10-25 0-10

Blend Growth

# Top 6 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	41.21	41.21	-	_
$\oplus$ Vanguard Total Stock Mkt Idx Inv	-	23.35	64.56	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Investor	-	17.97	82.53	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	16.28	98.81	-	-
① Mktliq 12/31/2049	-	1.17	99.98	-	-
🕀 Us Dollar	_	0.02	100.00	-	_

Total Holdings 6

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



# 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-Díaz since 02-2023

# Quantitative Screens

Performance: The fund has finished in the Allocation--70% to 85% Equity 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.

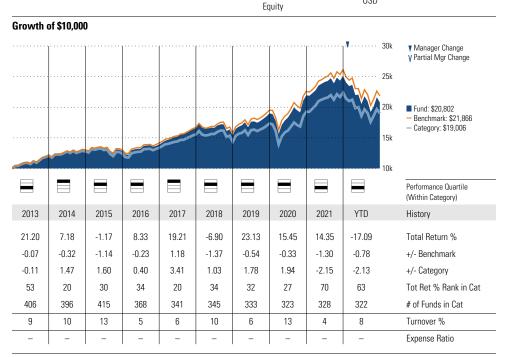
Net Expense: The fund's expense ratio of 0.14 is 86% lower than the Allocation--70% to 85% Equity category average.

# 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.

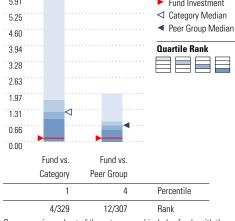
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category Allocation--70% to 85%

#### **Trailing Performance Total Return %** 10% as of 12-31-2022 5 Fund Benchmark ۵ Category -5 -10 -15 -20 Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception 8.22 -17 09 3.06 4.64 7.60 7.62 Fund Return % Benchmark Return % 7.72 -16.31 3.87 5.54 8 1 4 5.51 7.88 -14.96 3.58 4.51 7.01 Category Average % 50 63 60 43 34 328 322 296 279 224 **3-Year Risk Metrics** Net Expense Fund 5.91 Fund Investment Alnha -0.82



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

% Rank in Category # of Funds in Category Bmark Cat -0.36 Beta 1.02 1.00 **R**-Squared 99.39 95.37 \_ Standard Deviation 17.09 16.69 17.17 Sharpe Ratio 0.21 0.26 0.23 Tracking Error 1.38 3 53 Information Ratio -0 59 -0.19 Up Capture Ratio 100.05 99.82 103.62 Down Capture Ratio 101.74

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 14.72 15.67 15.37 Price/Book Ratio 2.21 2.45 2.44 Avg Eff Duration 6.84 6.45 5.64

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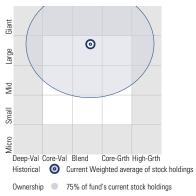


Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

# Vanguard LifeStrategy Growth Inv VASGX

# Style Analysis as of 12-31-2022 Morningstar Style Box™



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

Fixed Income

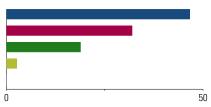
Quality

High

Mid

Low





# Sector Weighting as of 12-31-2022

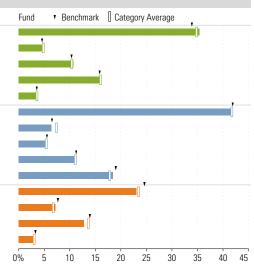
Asset Allocation as of 12-31-2022

Sector weighting as of 12-31-2022						
		Fund	Bmark	Cat		
Դ	Cyclical	35.34	33.76	34.81		
æ.	Basic Materials	5.07	4.44	4.81		
æ	Consumer Cyclical	10.67	10.21	10.40		
ц.	Financial Services	16.11	15.71	16.02		
ŵ	Real Estate	3.49	3.40	3.58		
$\sim$	Sensitive	41.60	41.75	41.73		
g	Communication Services	6.40	6.38	7.40		
0	Energy	5.41	5.39	5.41		
Ф	Industrials	11.34	11.11	11.10		
	Technology	18.45	18.87	17.82		
	Defensive	23.06	24.47	23.45		
	Consumer Defensive	7.24	7.54	6.77		
٠	Healthcare	12.81	13.79	13.64		
9	Utilities	3.01	3.14	3.04		

### Morningstar US Mod Agg Tgt Alloc NR USD Equity Asset Class Net % Cat% US Stocks 46.62 56.68 Non-US Stocks 31.93 17.64 18.81 Bonds 14.51 Cash 2.60 5.13 Other 0.03 6.03 Total 100.00 100.00

**Morningstar Index** 

Morningstar Category Allocation--70% to 85%



# Weight %

Style Breakdown

Equity

17 27 29

6 9

2 3 2

Value

>50 25-50 10-25 0-10

Blend Growth

# Top 6 Holdings as of 12-31-2022

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	47.23	47.23	-	_
-	32.63	79.85	-	-
-	13.28	93.13	-	-
-	5.81	98.94	-	-
-	1.14	100.08	-	_
_	0.08	100.15	-	_
	- - - - -	- 47.23 - 32.63 - 13.28 - 5.81 - 1.14	- 47.23 47.23 - 32.63 79.85 - 13.28 93.13 - 5.81 98.94 - 1.14 100.08	- 47.23 47.23 - - 32.63 79.85 - - 13.28 93.13 - - 5.81 98.94 - - 1.14 100.08 -

Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



# Vanguard LifeStrategy Income Inv VASIX

# Portfolio Manager(s)

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

# Quantitative Screens

*Performance:* The fund has finished in the Allocation--15% to 30% Equity 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.

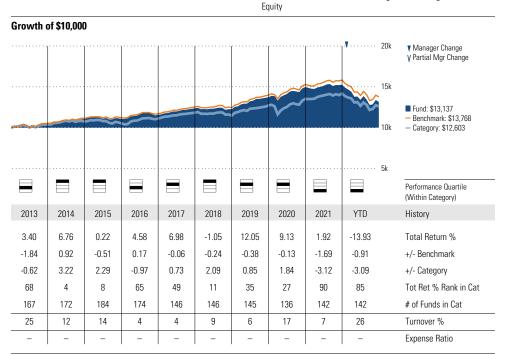
Net Expense: The fund's expense ratio of 0.11 is 89% lower than the Allocation--15% to 30% Equity category average.

# 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**

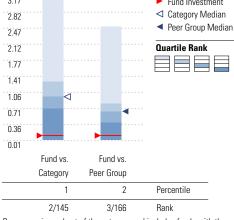
Metric	Rating	Updated		
Sustainability Rating	3	01-31-2023		
ESG Commitment	1-Low	02-15-2022		



Morningstar Category Allocation--15% to 30%

## **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.

Cat Alnha -0.94 0.26 Beta 0.99 1.02 **R**-Squared 98 53 88 17 \_ Standard Deviation 7.50 7.51 8.23 Sharpe Ratio -0.27 -0 14 -0 10 Tracking Error 0.91 2 92 Information Ratio 0.02 -1 02 Up Capture Ratio 92.09 103.33 Down Capture Ratio 101.51 101.25

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 14.63 15.87 16.13 Price/Book Ratio 2.18 2.51 2.62 Avg Eff Duration 6.83 6.45 4.02

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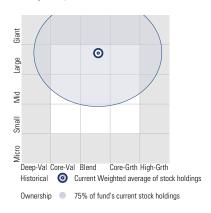


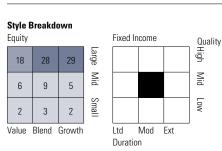
Morningstar Index

Morningstar US Con Tgt Alloc NR USD

# Vanguard LifeStrategy Income Inv VASIX

# Style Analysis as of 12-31-2022 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

# Top 6 Holdings as of 12-31-2022

і — — , П	50	
0	50	100

# Sector Weighting as of 12-31-2022

Asset Allocation as of 12-31-2022

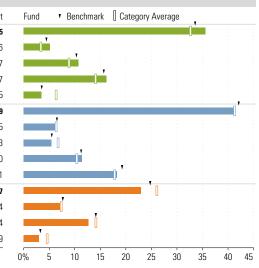
		Fund	Bmark	Cat
Դ	Cyclical	35.53	33.42	32.65
æ.	Basic Materials	5.16	4.31	3.36
4	Consumer Cyclical	10.69	10.18	8.87
<b>B</b>	Financial Services	16.17	15.54	14.07
ŵ	Real Estate	3.51	3.39	6.35
W#	Sensitive	41.49	41.95	41.29
d	Communication Services	6.38	6.37	6.35
0	Energy	5.43	5.36	6.73
٥	Industrials	11.38	11.10	10.40
	Technology	18.30	19.12	17.81
-	Defensive	22.97	24.62	26.07
F	Consumer Defensive	7.23	7.52	7.34
٠	Healthcare	12.71	13.98	14.14
<b>)</b>	Utilities	3.03	3.12	4.59

#### Equity Asset Class Net % Cat% US Stocks 10.96 10.03 Non-US Stocks 7.91 2.75 78.48 Bonds 69.36 Cash 2.63 13.34 Other 0.02 4.52 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Con Tgt Alloc NR USD

Morningstar Category Allocation--15% to 30%



Total Holdings 6					
⊕ Us Dollar	-	0.02	100.05	-	-
⊖ Mktliq 12/31/2049	-	1.21	100.02	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	8.09	98.81	-	-
$\oplus$ Vanguard Total Stock Mkt Idx Inv	-	11.10	90.72	-	-
$\ominus$ Vanguard Total Intl Bd II ldx Investor	-	24.05	79.63	-	-
$\ominus$ Vanguard Total Bond Market II Idx Inv	-	55.57	55.57	-	-
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
TOP O HOIDINGS AS OF 12-31-2022					

🕀 Increase 👄 Decrease 🕸 New to Portfolio



# Vanguard LifeStrategy Moderate Gr Inv VSMGX

### Portfolio Manager(s)

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

# Quantitative Screens

*Performance:* The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

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

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

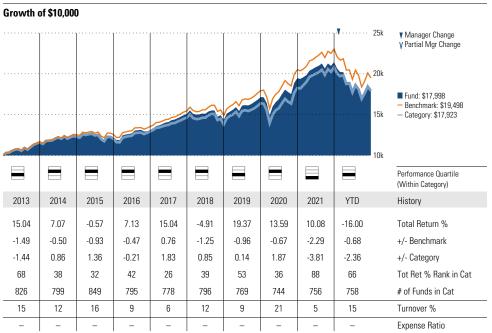
Net Expense: The fund's expense ratio of 0.13 is 87.5% lower than the Allocation--50% to 70% Equity category average.

# **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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Equity

68	38	32	42	26	39	53	36	88	66		Tot R	let % Rank in	n Cat
826	799	849	795	778	796	769	744	756	758		# of F	unds in Cat	
15	12	16	9	6	12	9	21	5	15		Turno	over %	
_	-	-	-	-	-	-	-	-	-		Exper	nse Ratio	
Trailing	Perform	ance	·····[·····		1					10%		I Return % 12-31-2022	
										5 0 -5		nd enchmark itegory	
										-10 -15			
										-20	Averag than 1	je annual, if grea year	ater
3 N	lonth	1 Year	:	3 year	5 year	r	10 year	Since I	nception				
6	.45	-16.00		1.65	3.58		6.05	7	.04		Fund	Return %	
6	.04	-15.32		2.83	4.74		6.91	5	.30		Bencl	hmark Returr	ו %
5.	.69	-13.64		2.89	4.13		6.21		-		Cateç	gory Average	: %
4	46	66		79	64		55		-		% Ra	ink in Catego	iry
7	76	758		698	658		495		-		# of F	unds in Cate	egory
Net Exp	ense						3-Year Ri	isk Metri	cs				
4.92 4.37 3.83				Catego	Investment Jory Median Group Media		Alpha Beta				Fund -1.13 0.99	Bmark — —	Cat 0.04 1.01
				Quartile	Dank	- 1	R-Squared			ę	98.98	-	94.21
3.28						а :	Standard De	eviation		1	13.71	13.72	14.31
2.73							Sharpe Ratio	D			0.12	0.21	0.20
2.19							Tracking Erro	or			1.39	_	3.33
1.64								D .:			0.05		0.00

### 2.73 2.19 1 64 1.09 0.55 0.00 Fund vs. Fund vs. Peer Group Category 1 4 Percentile 5/783 26/668 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.

Information Ratio -0.85 -0.02 Up Capture Ratio 95.12 100.97 Down Capture Ratio 100.86 101.15 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 14.73 16.24 17.39 Price/Book Ratio 2.21 2.63 3.04 Avg Eff Duration 6.83 6.45 5.29

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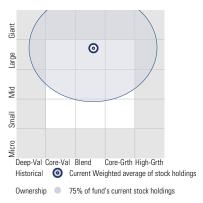


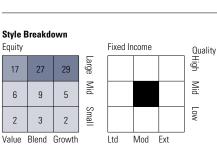
Morningstar US Mod Tgt Alloc NR USD

Morningstar Category Allocation--50% to 70% Morningstar Index

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

# Style Analysis as of 12-31-2022 Morningstar Style Box™





Duration

Weight %

>50 25-50 10-25 0-10

# Top 6 Holdings as of 12-31-2022

Ó		50

# Sector Weighting as of 12-31-2022

Asset Allocation as of 12-31-2022

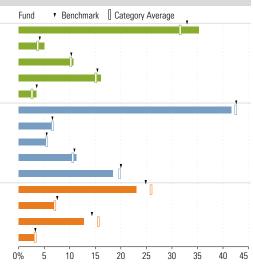
		Fund	Bmark	Cat
Դ	Cyclical	35.32	32.81	31.62
<b>.</b> #.	Basic Materials	5.06	3.99	3.72
<b>A</b>	Consumer Cyclical	10.67	10.16	10.21
ц.	Financial Services	16.10	15.27	15.09
ŵ	Real Estate	3.49	3.39	2.60
₩.	Sensitive	41.61	42.44	42.48
đ	Communication Services	6.39	6.46	6.62
0	Energy	5.42	5.34	5.50
Ф	Industrials	11.33	10.77	10.59
	Technology	18.47	19.87	19.77
<b>→</b>	Defensive	23.07	24.73	25.91
F	Consumer Defensive	7.24	7.41	7.08
٠	Healthcare	12.81	14.20	15.59
9	Utilities	3.02	3.12	3.24

### Equity Asset Class Net % Cat% US Stocks 35.06 46.45 Non-US Stocks 23.78 9.75 38.55 Bonds 34.07 Cash 2.57 6.22 Other 0.03 3.51 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Tgt Alloc NR USD

Morningstar Category Allocation--50% to 70%



Total Holdings 6					
⊕ Us Dollar	-	0.03	100.07	-	-
⊖ Mktliq 12/31/2049	_	1.10	100.03	-	_
$\oplus$ Vanguard Total Intl Bd II ldx Investor	-	11.78	98.93	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	24.30	87.15	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	27.33	62.85	-	-
$\oplus$ Vanguard Total Stock Mkt Idx Inv	-	35.52	35.52	-	-
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

🕀 Increase 👄 Decrease 🕸 New to Portfolio



# Vanguard Mid Cap Index Admiral VIMAX

Portfolio Manager(s)

Donald Butler since 05-1998 Awais Khan since 07-2021 Aurélie Denis since 02-2023

## Quantitative Screens

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

Management: The fund's management has been in place for 24.63 years.

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

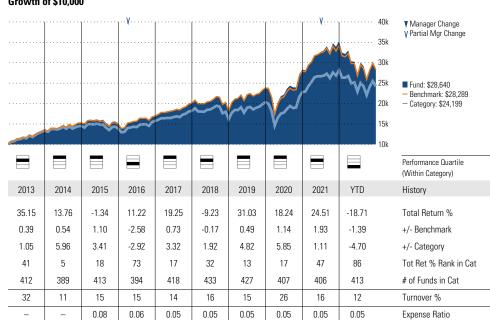
Net Expense: The fund's expense ratio of 0.05 is 94.68% lower than the Mid-Cap Blend category average.

# **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.

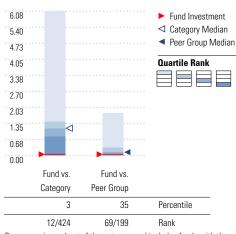
# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium 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.

227	-	# of Funds in Category			
3-Year Risk Metrics					
		Fund	Bmark	Cat	
Alpha		0.33	-	-0.07	
Beta		0.98	-	0.97	
R-Squared		99.60	-	94.75	
Standard Devia	tion	23.61	23.95	24.00	
Sharpe Ratio		0.33	0.32	0.31	
Tracking Error		1.55	-	5.53	
Information Rat	io	0.19	-	-0.09	
Up Capture Rat	io	99.06	-	96.58	
Down Capture	Ratio	98.01	-	97.19	

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.69	16.08	14.30
Price/Book Ratio	2.73	2.61	2.40
Geom Avg Mkt Cap \$B	22.38	17.19	9.63
ROE	20.41	20.02	19.85

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Morningstar Category Morningstar Index

Mid-Cap Blend

Russell Mid Cap TR USD

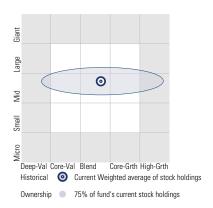
Growth of \$10,000

Average annual, if greater

Benchmark Return % Category Average %

# Vanguard Mid Cap Index Admiral VIMAX

Style Analysis as of 12-31-2022 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

## Top 15 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Centene Corp	0.79	0.79	-0.47	Healthcare
	0.77	1.56	_	-
∋ Amphenol Corp Class A	0.77	2.33	-12.02	Technology
eq Cadence Design Systems Inc	0.75	3.08	-13.80	Technology
⊖ DexCom Inc	0.74	3.82	-15.64	Healthcare
$\ominus$ Motorola Solutions Inc	0.73	4.55	-3.95	Technology
$\ni$ Corteva Inc	0.72	5.27	25.55	Basic Materials
∋ Devon Energy Corp	0.68	5.95	51.37	Energy
∋ Arthur J. Gallagher & Co	0.67	6.62	12.32	Financial Services
€ Realty Income Corp	0.67	7.30	-7.25	Real Estate
⊖ Hess Corp	0.67	7.97	93.60	Energy
⊖ Cintas Corp	0.66	8.63	2.85	Industrials
igodologie Microchip Technology Inc	0.66	9.28	-17.98	Technology
$\ominus$ IQVIA Holdings Inc	0.65	9.93	-27.38	Healthcare
⇒ Cheniere Energy Inc	0.63	10.56	49.23	Energy

# Total Holdings 351

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50 100 0

Bmark

39.19

4.97

12.50

13 60

8.12

39.86

3.31

5.39

15.39

15.77

20.95

4.03

10.90

6.02

Fund

36.29

4.72

9.75

12.77

9.05

40.00

3.54

6.00

13.28

17.18

23.70

4.30

12.13

7.27

Asset Allocation as of 12-31-2022

Sector Weighting as of 12-31-2022

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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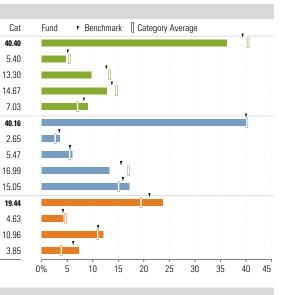
Energy

¢

F

Utilities

#### Asset Class Net % Cat% US Stocks 97.41 96.02 Non-US Stocks 1.44 1.85 Bonds 0.00 0.05 Cash 1.15 1.65 0.00 Other 0.42 Total 100.00 100.00





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Morningstar Category

Mid-Cap Blend

Morningstar Index Russell Mid Cap TR USD

# 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 6.68 years.

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

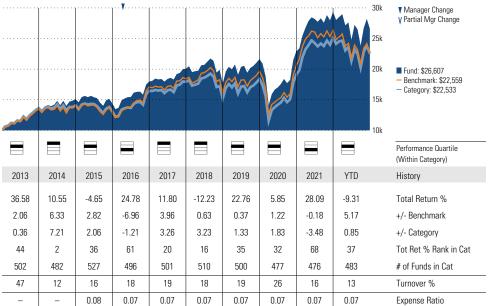
Net Expense: The fund's expense ratio of 0.07 is 93.86% lower than the Small Value category average.

## **Morningstar Investment Management LLC Analysis**

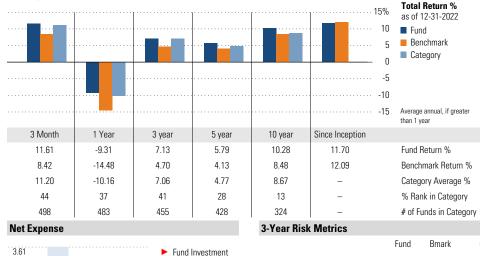
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

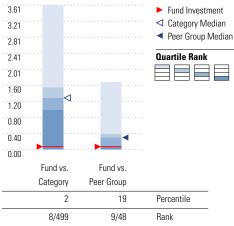
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022









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

Cat Alpha 2.45 2.07 0.99 Beta 0.96 97.83 **R-Squared** 95.05 Standard Deviation 26.84 27.66 28 15 Sharpe Ratio 0.36 0 27 0.34 Tracking Error 4.11 6.45 Information Ratio 0.59 0.30 Up Capture Ratio 99.22 101.40 Down Capture Ratio 92.77 96.46

#### **Portfolio Metrics** Fund Bmark Price/Earnings Ratio 10.13 9 22 11.62

Thee/Lathings hatto	10.15	J.22	11.02
Price/Book Ratio	1.70	1.27	1.60
Geom Avg Mkt Cap \$B	4.90	1.83	3.75
ROE	18.23	7.83	16.18

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Cat

Morningstar Category Morningstar Index Small Value

Russell 2000 Value TR USD

Growth of \$10,000

# Vanguard Small Cap Value Index Admiral VSIAX

Asset Allocation as of 12-31-2022

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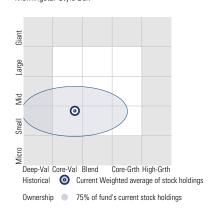
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50

Style Analysis as of 12-31-2022 Morningstar Style Box™





Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Top 15 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
➔ IDEX Corp	0.67	0.67	-2.39	Industrials
ightarrow Steel Dynamics Inc	0.63	1.30	59.59	Basic Materials
Đ Atmos Energy Corp	0.61	1.91	9.62	Utilities
∋ APA Corp	0.58	2.50	75.92	Energy
∋ Bunge Ltd	0.58	3.07	9.33	Consumer Defensive
	0.57	3.64	24.13	Industrials
$oldsymbol{eta}$ Booz Allen Hamilton Holding Corp Class A	0.54	4.18	25.30	Industrials
$\supset$ Slcmt1142	0.52	4.71	_	-
🕀 First Horizon Corp	0.51	5.22	53.70	Financial Services
	0.51	5.72	-10.67	Real Estate
onumber  onumber Gaming and Leisure Properties Inc	0.49	6.22	12.81	Real Estate
	0.49	6.71	28.70	Healthcare
igodolog Ovintiv Inc	0.49	7.20	53.29	Energy
	0.49	7.69	-1.91	Basic Materials
	0.47	8.16	-3.99	Industrials

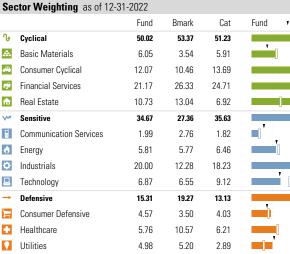
# Total Holdings 865

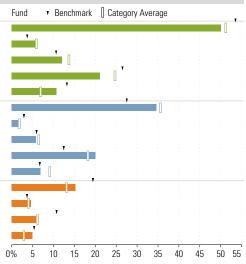
⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Asset Class Net % Cat% US Stocks 98.65 94.78 Non-US Stocks 0.70 3.16 Bonds 0.00 0.01 Cash 0.65 2.15 0.00 Other -0.09 100 Total 100.00 100.00





Russell 2000 Value TR USD

Small Value

# 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 7 years it's been in existence.

Management: The fund's management has been in place for 5.93 years.

Style Consistency is not calculated for Fixed Income funds.

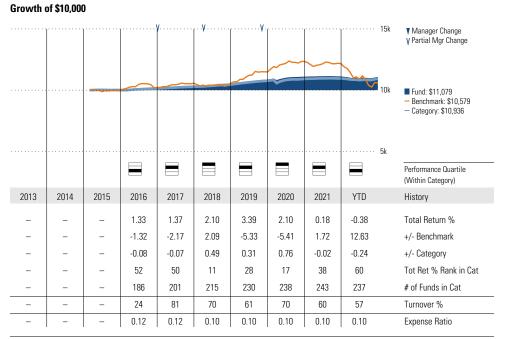
Net Expense: The fund's expense ratio of 0.1 is 78.26% lower than the Ultrashort Bond category average.

## **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**

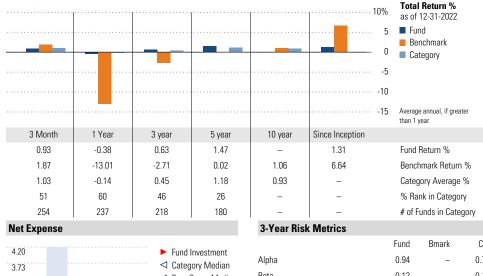
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023



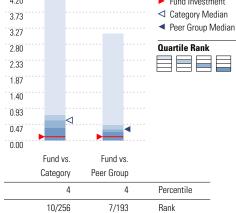
Morningstar Category

Ultrashort Bond

## **Trailing Performance**



Avg Eff Duration



0.93	-	<ul> <li>Category Average %</li> </ul>			
-	-	% Rank in Category			
-	-	# of F	# of Funds in Category		
3-Year Risk Metrics					
		Fund	Bmark	Cat	
Alpha		0.94	-	0.76	
Beta		0.12	-	0.12	
R-Squared		38.70	-	17.12	
Standard Devia	tion	1.13	5.85	1.94	
Sharpe Ratio		-0.19 -0.58 -0.30			
Tracking Error		5.23	-	5.59	
Information Rat	io	0.64	-	0.56	
Up Capture Rat	io	21.50	-	22.64	
Down Capture I	Ratio	8.26	-	11.26	
Portfolio M	etrics				

Fund

0.96

0.80

/256	7/193	Rank	Avg Eff Maturity
subset of the category and includes funds with the			
ment style (	active vs. passi	ve) and similar share	e class

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Peer group is a same managem characteristics.



Bmark

4 43

Cat

0.72

3.41

Morningstar Index

Bloomberg US Agg Bond TR USD

# Vanguard Ultra-Short-Term Bond Admiral VUSFX

# Style Analysis as of 12-31-2022



Duration

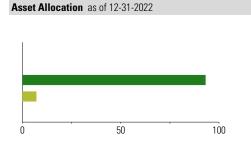
Not Rated

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	18.32	3.53	45.58
AA	8.16	74.59	9.37
A	37.71	10.82	22.58
BBB	35.44	8.32	16.39
BB	0.00	0.28	0.81
В	0.00	0.00	0.43
Below B	0.63	0.00	0.09

-0.26

2.46

4 75



Sector Weighting as of 12-31-2022

#### Asset Class Net % Cat% US Stocks 0.00 0.00 Non-US Stocks 0.00 0.00 Bonds 93.05 65.14 Cash 6.94 35.06 Other 0.00 -0.20 Total 100.00 100.00

10 15 20 25 30 35 40 45 50 55 60 65 70

#### Cat Benchmark [] Category Average Bmark Fund Fund Government 5.81 12.30 3.47 7.45 Treasurv \_ Inflation - Protected 0.00 0.00 Π 2.25 Agency/Quasi Agency 2 01 Other Government Related 0.09 2.84 ΙI 67.77 Corporate 32.21 \_ Corporate Bond 67.77 31.54 Bank Loan 0.00 \_ 0.60 Convertible 0.00 0.07 Preferred 0 00 0.00 ĺ \_ Securitized 17.81 24.02 \_ | [ Agency MBS Pass-Through 0.00 2.37 III. Agency MBS ARM 0.00 0.78 Agency MBS CMO 0.00 2.51 Non-Agency Residential MBS 0.15 0.34 Π Commercial MBS 0.00 0.40 [ Asset-Backed 17 66 17 62 \_ Covered Bond 0.00 0.00 i[] Municipal 0.00 \_ 0.92 **Cash & Equivalents** 8.61 30.48 \_ Other 0.00 \_ 0.06

0% 5

### Ton 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bills	-	10.19	10.19	-
$\oplus$ United States Treasury Bills	-	6.57	16.76	-
⊕ United States Treasury Notes	-	2.36	19.12	-
⊖ Mktliq 12/31/2049	-	1.50	20.62	-
Bank of Korea	-	0.97	21.58	-
igodot Banque Federative du Credit Mutuel	-	0.82	22.41	-
igodot Bank of Montreal	-	0.78	23.18	-
igodot Royal Bank of Canada	-	0.73	23.91	-
Volkswagen Group of America Finance LLC	-	0.72	24.63	-
$\ominus$ Wells Fargo & Company	-	0.67	25.31	-

# Total Holdings 671

⊕ Increase ⊕ Decrease ☎ New to Portfolio

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**Morningstar Category** Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD