# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category** Foreign Large Blend Morningstar Index MSCI ACWI Ex USA NR USD

### Portfolio Manager(s)

Steven Watson since 10-2008 Andrew Suzman since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Paul Flynn since 09-2017 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 14.26 years.
- Net Expense: The fund's expense ratio of 0.54 is 39.33% lower than the Foreign Large Blend category average.

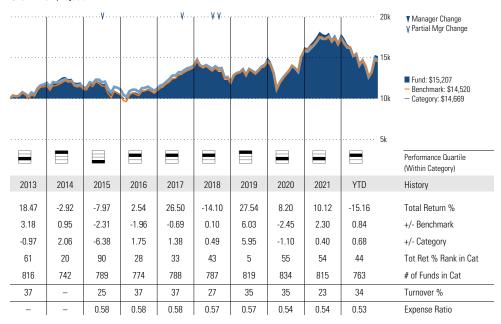
### **Morningstar Investment Management LLC Analysis**

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.

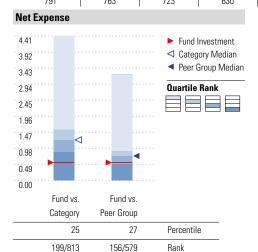
### **ESG Metrics**

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

### 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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.52	_	0.80
Beta	1.08	_	1.03
R-Squared	96.75	_	94.10
Standard Deviation	21.51	19.53	20.67
Sharpe Ratio	0.08	0.06	0.09
Tracking Error	4.20	-	5.04
Information Ratio	0.07	-	0.14
Up Capture Ratio	109.15	_	106.74
Down Capture Ratio	107.66	-	104.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.31	11.94	12.68
Price/Book Ratio	1.71	1.58	1.72
Geom Avg Mkt Cap \$B	45.50	39.70	47.23
ROE	20.43	18.39	20.83



# American Funds Intl Gr and Inc R6 RIGGX

# Morningstar CategoryMorningstar IndexForeign Large BlendMSCI ACWI Ex USA NR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

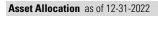
Equity

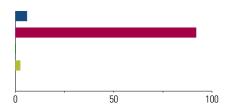
. ,			
29	31	24	Large
4	5	5	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.19
Cash	2.33	1.20
Bonds	0.08	0.21
Non-US Stocks	91.84	94.64
US Stocks	5.76	2.74
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bench	mark	Cateo	jory Ave	erage		_
<b>Դ</b>	Cyclical	37.80	42.57	39.16									•
A.	Basic Materials	6.77	8.36	7.62									
<b>A</b>	Consumer Cyclical	11.06	10.81	10.55		•							
	Financial Services	18.33	20.80	18.85					<b>=</b> []				
<b>fi</b>	Real Estate	1.64	2.60	2.14									
₩.	Sensitive	35.82	35.51	35.36									
	Communication Services	6.22	6.32	5.22									
ð	Energy	7.94	6.11	5.65									
Ф	Industrials	11.52	12.12	14.57			<u> </u>						
	Technology	10.14	10.96	9.92									
<b>→</b>	Defensive	26.38	21.90	25.48									
Ħ	Consumer Defensive	12.72	8.69	10.07									
+	Healthcare	10.65	10.00	12.47									
0	Utilities	3.01	3.21	2.94		'							

### World Regions % Equity 12-31-2022



Greater Asia	78.83	Cat % 35.26
Japan	7 43	18.06
Australasia	0.44	5.40
Asia-4 Tigers	11.63	6.66
Asia-ex 4 Tigers	9.33	5.14
Not Classified	0.00	0.00

Americas	Fund % 14.47	Cat % 8.84	Greater Europe	Fund % 56.70	Cat % 55.90	Market Maturity	Fund %
North America	10.14	7.61	United Kingdom	14.34	13.78	Developed Markets	85.71
Central/Latin	4.33	1.23	W euro-ex UK	41.28	40.87	Emerging Markets	14.29
			Emrgng Europe	0.32	0.06	Not Available	0.00
			Africa	0.76	1.19		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
AstraZeneca PLC	3.49	3.49	25.11	Healthcare
○ Capital Group Central Cash M	2.57	6.06	_	-
→ British American Tobacco PLC	2.56	8.62	28.91	Consumer Defensive
☐ Taiwan Semiconductor Manufacturing Co Ltd	2.52	11.14	-25.28	Technology
Novo Nordisk A/S Class B	2.24	13.37	29.55	Healthcare
⊕ Philip Morris International Inc	2.20	15.57	11.84	Consumer Defensive
Airbus SE	2.03	17.60	0.80	Industrials
⊕ ASML Holding NV	1.97	19.57	-28.16	Technology
⊕ TotalEnergies SE	1.85	21.42	39.64	Energy
⊕ AIA Group Ltd	1.49	22.91	17.53	Financial Services

### Total Holdings 254



# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

James Lovelace since 03-1992
Donald O'Neal since 03-1992
Christopher Buchbinder since 03-2007
Grant Cambridge since 03-2014
Martin Romo since 07-2018
Aline Avzaradel since 03-2019
Martin Jacobs since 12-2019
James Terrile since 03-2020
Jessica Spaly since 03-2021

### **Quantitative Screens**

Performance: The fund has finished in the 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 30.85 years.

Net Expense: The fund's expense ratio of 0.27 is 64.94% lower than the Large Blend category average.

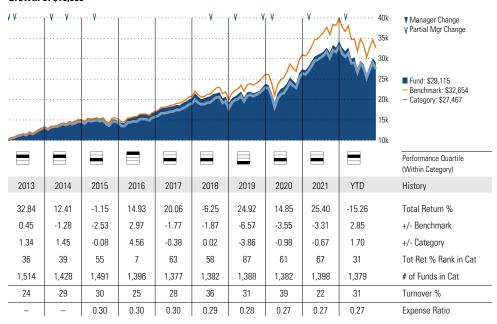
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Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
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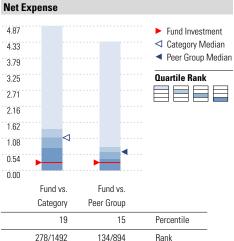
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000

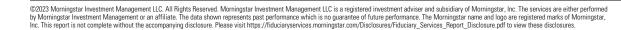






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.22	_	-0.68
Beta	0.91	_	0.96
R-Squared	97.61	_	95.98
Standard Deviation	19.53	21.16	20.73
Sharpe Ratio	0.39	0.41	0.36
Tracking Error	3.55	_	3.95
Information Ratio	-0.22	_	-0.83
Up Capture Ratio	92.10	_	94.55
Down Capture Ratio	93.08	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.59	19.03	18.29
Price/Book Ratio	3.17	3.59	4.14
Geom Avg Mkt Cap \$B	138.42	161.22	211.02
ROE	25.60	31.17	36.63





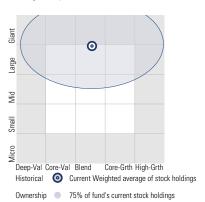
# American Funds Invmt Co of Amer R6 RICGX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

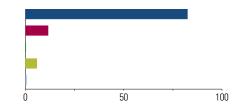
1. /			
19	35	31	Large
6	6	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.35	1.10
Cash	5.72	0.45
Bonds	0.12	0.84
Non-US Stocks	11.44	2.81
US Stocks	82.37	94.79
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	4	▼ Ron	chmark	Πc	ategory	Avora	no			
ղ,	Cyclical	25.76	28.72	29.35	Tun	1	Dell	CHIHAIK	[] Oc	itegory	Avera;	ye :			
	Basic Materials	4.56	2.46	2.84	1						U;				
<u>—</u>	Consumer Cyclical	7.75	9.56	9.83			· ń								
	Financial Services	11.49	13.89	14.27		1	- !	ħ							
è	Real Estate	1.96	2.81	2.41		'		<u>.</u>							
M	Sensitive	46.22	44.59	44.38											
đ	Communication Services	8.05	7.28	7.09		1									
•	Energy	6.35	5.23	4.38											
<b>Ģ</b>	Industrials	14.57	9.06	10.44		-									
3	Technology	17.25	23.02	22.47						]					
<b>→</b>	Defensive	28.02	26.69	26.28											
7	Consumer Defensive	9.13	7.61	7.43											
ř	Healthcare	14.22	15.90	16.05				<b>—</b> [							
•	Utilities	4.67	3.18	2.80											
					0%	5	10	15	20	25	30	35	40	45	5

Top 15 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.47	6.47	-27.94	Technology
○ Capital Group Central Cash Fund	5.60	12.07	-	_
⊕ Broadcom Inc	4.08	16.15	-13.43	Technology
⊕ General Electric Co	3.43	19.58	-10.97	Industrials
⊕ British American Tobacco PLC	2.52	22.10	28.91	Consumer Defensive
Philip Morris International Inc	2.42	24.51	11.84	Consumer Defensive
Abbott Laboratories	2.36	26.88	-20.66	Healthcare
UnitedHealth Group Inc	2.32	29.19	6.86	Healthcare
⊕ Raytheon Technologies Corp	2.30	31.49	19.78	Industrials
⊕ Comcast Corp Class A	2.05	33.54	-28.41	Communication Svc
⊕ Mastercard Inc Class A	1.71	35.24	-2.68	Financial Services
	1.70	36.95	-64.22	Communication Svc
Linde PLC	1.70	38.65	-4.49	Basic Materials
⇒ Apple Inc	1.69	40.34	-26.32	Technology
Netflix Inc	1.59	41.93	-51.05	Communication Svc

**Total Holdings 211** 



# American Funds Washington Mutual R6 RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

Alan Berro since 07-1997
Jeffrey Lager since 07-2004
Alan Wilson since 07-2013
Diana Wagner since 06-2014
Jin Lee since 07-2014
Eric Stern since 11-2014
Irfan Furniturewala since 06-2015
Emme Kozloff since 07-2016
Mark Casey since 07-2016

### **Quantitative Screens**

Performance: The fund has finished in the Large Blend 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 25.52 years.

× Style: The fund has landed in its primary style box — Large Blend — 30 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.26 is 66.23% lower than the Large Blend category average.

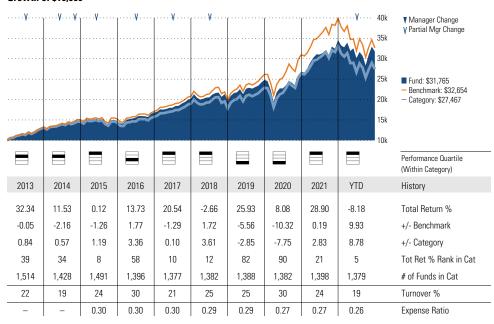
### **Morningstar Investment Management LLC Analysis**

This fund fails our style consistency screen as the portfolio has slightly drifted from the large-blend portion of the Morningstar style box to the large-value portion however, the underlying investment strategy remains consistent so we are not concerned with this style failure.

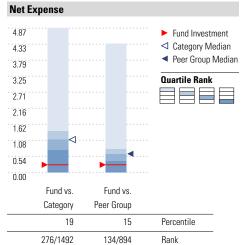
### **ESG Metrics**

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

### Growth of \$10,000



### **Trailing Performance Total Return %** as of 12-31-2022 10 Fund Benchmark 0 Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 12.10 -8.18 8.55 9.41 12.25 13.35 10.61 7.56 -18.11 7.66 9.42 12.56 Benchmark Return % 8 27 -16 96 6 88 11.31 8 26 Category Average % 5 16 22 26 % Rank in Category 1.441 1.379 1.247 1.137 837 # of Funds in Category

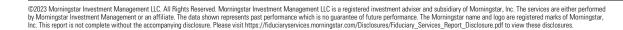


Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.57	_	-0.68
Beta	0.89	_	0.96
R-Squared	93.29	_	95.98
Standard Deviation	19.43	21.16	20.73
Sharpe Ratio	0.47	0.41	0.36
Tracking Error	5.57	_	3.95
Information Ratio	0.16	_	-0.83
Up Capture Ratio	91.66	_	94.55
Down Capture Ratio	86.85	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	19.03	18.29
Price/Book Ratio	3.27	3.59	4.14
Geom Avg Mkt Cap \$B	134.77	161.22	211.02
ROE	29.87	31.17	36.63

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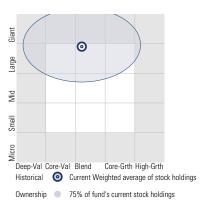
# American Funds Washington Mutual R6 RWMGX

### 

Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

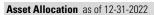
Equity

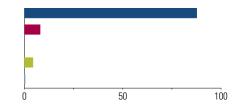
25	44	19	Large
4	7	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.26	1.10
Cash	4.25	0.45
Bonds	0.00	0.84
Non-US Stocks	7.90	2.81
US Stocks	87.59	94.79
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>Դ</b>	Cyclical	26.35	28.72	29.35	
Å.	Basic Materials	2.36	2.46	2.84	
<b>A</b>	Consumer Cyclical	7.24	9.56	9.83	
<del>,</del>	Financial Services	15.41	13.89	14.27	
<b>fi</b>	Real Estate	1.34	2.81	2.41	
W	Sensitive	39.41	44.59	44.38	
0	Communication Services	4.22	7.28	7.09	
ð	Energy	6.17	5.23	4.38	
Ф	Industrials	12.27	9.06	10.44	
	Technology	16.75	23.02	22.47	
<b>—</b>	Defensive	34.24	26.69	26.28	
Ħ	Consumer Defensive	8.21	7.61	7.43	
+	Healthcare	23.19	15.90	16.05	
•	Utilities	2.84	3.18	2.80	
					0% 5 10 15 20 25 30 35 40 4

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Broadcom Inc	5.44	5.44	-13.43	Technology
	4.65	10.10	-27.94	Technology
⊕ Capital Group Central Cash Fund	4.27	14.37	-	_
→ UnitedHealth Group Inc	3.97	18.33	6.86	Healthcare
⊕ Pfizer Inc	2.77	21.10	-10.52	Healthcare
○ Comcast Corp Class A	2.34	23.44	-28.41	Communication Svc
Marsh & McLennan Companies Inc	2.33	25.78	-3.50	Financial Services
⇒ CVS Health Corp	2.02	27.79	-7.53	Healthcare
→ Northrop Grumman Corp	1.97	29.76	42.71	Industrials
The Home Depot Inc	1.92	31.68	-22.06	Consumer Cyclical
⊕ JPMorgan Chase & Co	1.75	33.43	-12.79	Financial Services
⊕ Eli Lilly and Co	1.69	35.12	33.86	Healthcare
⇒ Johnson & Johnson	1.68	36.80	5.86	Healthcare
AbbVie Inc	1.58	38.38	23.80	Healthcare
⊕ Archer-Daniels Midland Co	1.55	39.93	39.74	Consumer Defensive

**Total Holdings** 186



# BNY Mellon Bond Market Index I DBIRX

Morningstar Category Intermediate Core Bond Morningstar Index

Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

Nancy Rogers since 02-2010 Gregg Lee since 10-2021

### **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 12.89 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.15 is 73.21% lower than the Intermediate Core Bond category average.

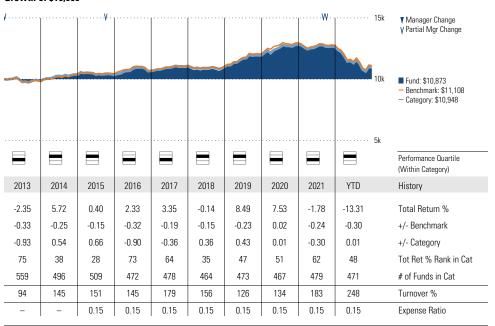
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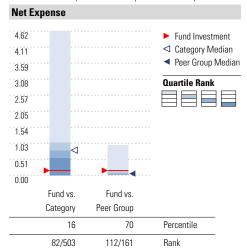
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023

### Growth of \$10,000



### **Trailing Performance Total Return %** as of 12-31-2022 Fund Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year 1.66 -13.31 -2.90 -0.16 0.84 4.10 Fund Return % 1.87 -13.01 -2.71 0.02 1.06 6.64 Benchmark Return % -0.16 -13.32 -2 74 0.89 1 57 Category Average % 49 48 62 56 54 % Rank in Category 486 471 423 389 289 # of Funds in Category



3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.19	_	0.03
Beta	1.00	_	1.00
R-Squared	99.64	_	92.92
Standard Deviation	5.86	5.85	6.12
Sharpe Ratio	-0.61	-0.58	-0.56
Tracking Error	0.35	-	1.54
Information Ratio	-0.53	-	-0.09
Up Capture Ratio	98.46	-	104.58
Down Capture Ratio	101.02	-	103.15

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.17	4.43	6.05
Avg Eff Maturity	8.47	-	8.25



# BNY Mellon Bond Market Index I DBIRX

Morningstar Category Intermediate Core Bond Morningstar Index

Bloomberg US Agg Bond TR USD



0	50	100

Asset Allocation as of 12-31-2022

Total	100.00	100.00
Other	0.07	1.87
Cash	5.72	2.10
Bonds	94.21	95.92
Non-US Stocks	0.00	0.02
US Stocks	0.00	0.10
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	73.25	3.53	54.60
AA	3.02	74.59	8.55
A	11.00	10.82	17.15
BBB	12.73	8.32	16.13
BB	0.00	0.28	1.41
В	0.00	0.00	0.45
Below B	0.00	0.00	0.18
Not Rated	0.00	2.46	1.53

	Fund	Bmark	Cat	Fund	▼ Ben	chmark	Cate	gory Avera	age		
Government	46.36	_	30.92								
Treasury	43.10	_	25.72							- :	
Inflation – Protected	0.00	-	1.34	10							
Agency/Quasi Agency	1.91	-	1.10								
Other Government Related	1.35	_	2.76								
Corporate	23.29	-	25.82								
Corporate Bond	23.29	_	25.72								
Bank Loan	0.00	_	0.06	0							
Convertible	0.00	_	0.01	0							
Preferred	0.00	_	0.03	į.							
Securitized	23.38	-	33.07								
Agency MBS Pass-Through	22.36	_	23.32								
Agency MBS ARM	0.00	_	0.33	0							
Agency MBS CMO	0.40	_	2.14	1 [							
Non-Agency Residential MBS	0.00	_	0.28								
Commercial MBS	0.00	_	0.67								
Asset-Backed	0.62	_	6.33	1							
Covered Bond	0.00	_	0.00								
Municipal	0.72	_	0.80								
Cash & Equivalents	6.25	-	6.78								
Other	0.00	-	2.62	i [							

<b>Top 0 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector

Total Holdings 0



# **DFA Global Equity I** DGEIX

### Portfolio Manager(s)

Jed Fogdall since 02-2012 Mary Phillips since 02-2017 Allen Pu since 02-2017 Ashish Bhagwanjee since 02-2021

### **Quantitative Screens**

Performance: The fund has finished in the Global Large-Stock 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 10.85 years.

Net Expense: The fund's expense ratio of 0.25 is 74.75% lower than the Global Large-Stock Blend category average.

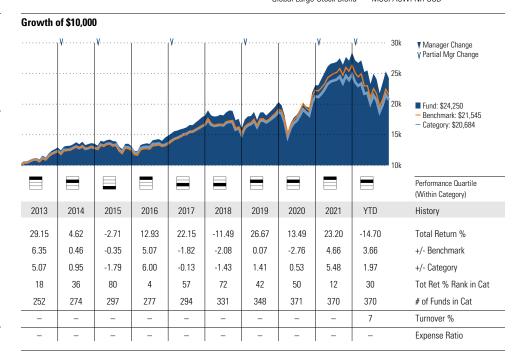
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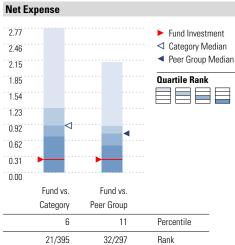
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

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







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.90	_	0.08
Beta	1.07	_	0.97
R-Squared	97.84	_	94.06
Standard Deviation	21.80	20.14	20.17
Sharpe Ratio	0.34	0.25	0.24
Tracking Error	3.51	-	4.85
Information Ratio	0.58	_	-0.02
Up Capture Ratio	108.72	_	98.24
Down Capture Ratio	102.36	_	98.49

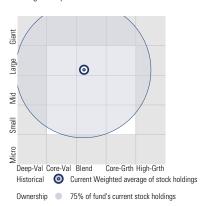
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.71	15.37	16.22
Price/Book Ratio	2.01	2.37	2.51
Geom Avg Mkt Cap \$B	29.81	87.09	70.43
ROE	25.78	25.56	24.69



# **DFA Global Equity I** DGEIX

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

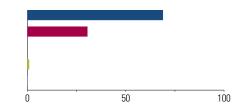
14	20	19	Large
10	13	5	MIG
7	8	3	small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.05	1.77
Cash	0.74	1.97
Bonds	0.00	1.65
Non-US Stocks	30.39	38.12
US Stocks	68.83	56.49
Asset Class	Net %	Cat%

**Morningstar Index** 

MSCI ACWI NR USD

**Morningstar Category** 

Global Large-Stock Blend

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	36.55	34.06	32.13	
A	Basic Materials	6.49	4.82	5.18	
A	Consumer Cyclical	10.69	10.06	10.14	
<b>P</b>	Financial Services	15.98	16.40	14.09	
ŵ	Real Estate	3.39	2.78	2.72	
W	Sensitive	43.69	41.45	41.29	
	Communication Services	5.71	6.94	5.83	
•	Energy	6.61	5.61	5.17	
Ф	Industrials	14.22	10.27	14.55	
	Technology	17.15	18.63	15.74	( )
<b>→</b>	Defensive	19.76	24.48	26.56	
Ħ	Consumer Defensive	6.91	7.90	8.39	
٠	Healthcare	10.49	13.46	13.38	
•	Utilities	2.36	3.12	4.79	<b>—</b> ' (
					0% 5 10 15 20 25 30 35 40 45

### World Regions % Equity 12-31-2022



Greater Asia	Fund % 14.51	Cat % 13.25	
Japan	4.84	5.32	
Australasia	1.72	1.21	(
Asia-4 Tigers	3.40	3.49	
Asia-ex 4 Tigers	4.55	3.23	
Not Classified	0.00	0.00	

	Americas	Fund % 72.37	Cat % 63.73	Greater Europe	Fund % 13.12	Cat % 23.01	Market Maturity	Fund %
	North America	71.48	62.94	United Kingdom	3.01	6.10	Developed Markets	93.78
	Central/Latin	0.89	0.79	W euro-ex UK	8.89	16.48	Emerging Markets	6.22
)				Emrgng Europe	0.17	0.03	Not Available	0.00
3				Africa	1.05	0.40		

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

Name % Net Asset Cumulative % YTD Return % Morningstar Sector

### Total Holdings 0



# Loomis Sayles Bond N LSBNX

Morningstar Category Multisector Bond Morningstar Index

Bloomberg US Universal TR USD

### Portfolio Manager(s)

Matthew Eagan since 02-2007 Elaine Stokes since 02-2007 Brian Kennedy since 06-2016

### **Quantitative Screens**

Q Performance: The fund has finished in the Multisector
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 15.92 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is 37.76% lower than the Multisector Bond category average.

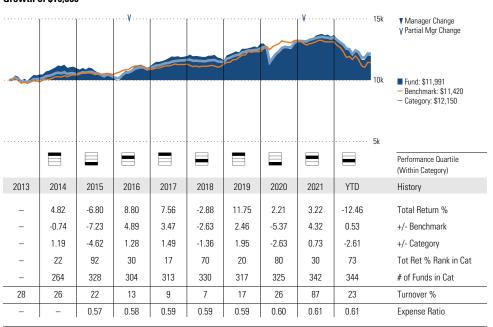
### **Morningstar Investment Management LLC Analysis**

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

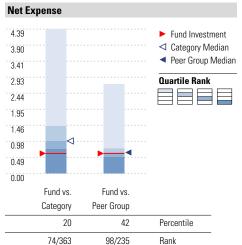
### **ESG Metrics**

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

### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.38	_	1.72
Beta	1.09	-	0.99
R-Squared	51.29	-	48.49
Standard Deviation	9.10	5.98	9.02
Sharpe Ratio	-0.34	-0.54	-0.16
Tracking Error	6.38	-	6.72
Information Ratio	-0.01	-	0.28
Up Capture Ratio	113.39	-	109.62
Down Capture Ratio	110.35	-	91.61

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.40	4.55	4.04
Avg Eff Maturity	6.64	7.69	7.62



# **Loomis Sayles Bond N** LSBNX

Style Analysis as of 12-31-2022							
Style Breakdown							
Fixed Income	Quality						
	High						
	Mid						
	Low						
Itd Mod Ext							
Duration							

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	18.72	67.64	21.99
AA	2.00	3.23	3.50
A	6.92	10.03	8.36
BBB	37.78	10.89	22.10
BB	13.66	3.19	18.54
В	9.68	3.64	12.52
Below B	0.82	1.38	4.17
Not Rated	10.42	0.00	8.81

### Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 1.37 1.19 Non-US Stocks 0.00 0.12 Bonds 88.28 92.17 Cash 2.83 5.44 Other 7.52 1.07 100 Total 100.00 100.00

**Morningstar Category** 

Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD

	Frank	D	0-4	Freed	- P		. П		A			
	Fund	Bmark	Cat	Fund	▼ Be	nchmar	K [] (	Jatego	ory Av	erage		
Government	23.95	-	23.80				1	U				
Treasury	12.21	_	8.85									
Inflation – Protected	0.00	_	0.44	0								
Agency/Quasi Agency	0.56	-	0.82									
Other Government Related	11.18	-	13.69									
Corporate	54.00	_	40.90									
Corporate Bond	46.53	-	36.75									
Bank Loan	0.33	_	2.65	1 [								
Convertible	5.33	_	0.83									
Preferred	1.81	_	0.67	Û								
Securitized	17.52	-	20.80									
Agency MBS Pass-Through	0.00	_	4.65									
Agency MBS ARM	0.00	_	0.01									
Agency MBS CMO	0.00	_	0.31									
Non-Agency Residential MBS	0.22	_	0.88	i[]								
Commercial MBS	0.00	_	2.33									
Asset-Backed	17.30	_	12.61									
Covered Bond	0.00	_	0.01									
Municipal	1.51	_	0.36	<u>[</u>								
Cash & Equivalents	3.02	-	10.50									
Other	0.00	_	3.53	i []								

<b>Top 0 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector

Total Holdings 0



# Neuberger Berman Real Estate R6 NRREX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

### 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.

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

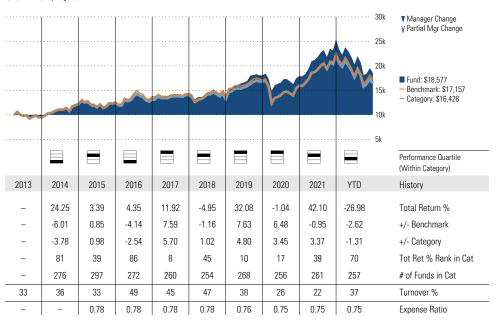
### **Morningstar Investment Management LLC Analysis**

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

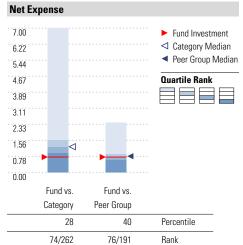
### **ESG Metrics**

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

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.59	_	-0.42
Beta	0.86	_	0.94
R-Squared	94.36	_	93.47
Standard Deviation	20.89	23.61	22.85
Sharpe Ratio	0.10	0.08	0.07
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
Geom Avg Mkt Cap \$B	27.63	9.35	24.92
ROE	22.33	9.56	17.43

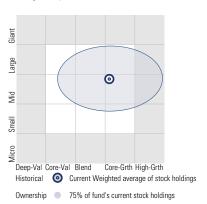


# Neuberger Berman Real Estate R6 NRREX

# Morningstar Category Morningstar Index Real Estate S&P United States REIT TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

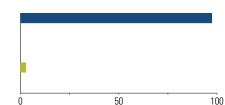
Equity

3	10	27	Laige
5	38	11	VIIV
0	2	3	JIIaii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2022

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%

		Fund	Bmark	Cat	Fund	7	В	ench	mark	: [	Cat	ego	ry A	ver	age			
ŀ	Cyclical	100.00	99.13	99.22														
ů.	Basic Materials	0.00	0.00	0.10	ĺ													
-	Consumer Cyclical	0.00	0.13	0.91	i i													
P	Financial Services	0.00	0.00	0.22	Ď													
b	Real Estate	100.00	99.00	97.99		Ė,												١.,
NI	Sensitive	0.00	0.87	0.74	ď													
	Communication Services	0.00	0.00	0.20	Ďii													
•	Energy	0.00	0.00	0.04	ď													
\$	Industrials	0.00	0.87	0.30	ď													
2	Technology	0.00	0.00	0.20														
<b>→</b>	Defensive	0.00	0.00	0.05	T i													
=	Consumer Defensive	0.00	0.00	0.00	Ď													
ì	Healthcare	0.00	0.00	0.00	Í													
?	Utilities	0.00	0.00	0.05	i i i													

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

Name % Net Asset Cumulative % YTD Return % Morningstar Sector

### Total Holdings 0



# PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 4.17 years.

Style Consistency is not calculated for Fixed Income funds.

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

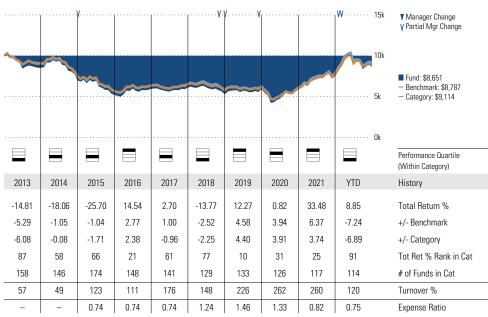
### **Morningstar Investment Management LLC Analysis**

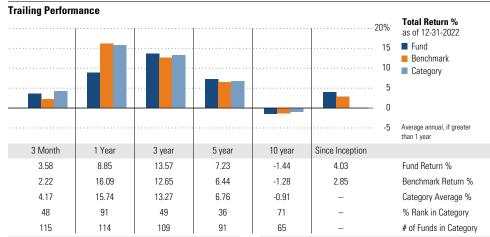
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

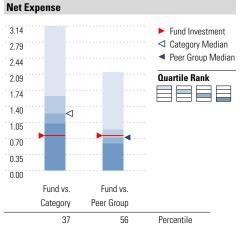
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	12-31-2022

# Growth of \$10,000







40/72 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

3- Fear nisk Wietrics			
	Fund	Bmark	Cat
Alpha	-0.73	_	0.33
Beta	1.17	_	1.03
R-Squared	95.84	_	85.73
Standard Deviation	22.31	18.64	21.05
Sharpe Ratio	0.65	0.69	0.67
Tracking Error	5.57	_	7.78
Information Ratio	0.17	_	0.09
Up Capture Ratio	113.44	_	102.74
Down Capture Ratio	116.12	_	103.18

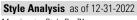
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	7.93
Price/Book Ratio	1.51	_	1.87
Geom Avg Mkt Cap \$B	20.09	_	44.07
ROE	16.78	-	27.17



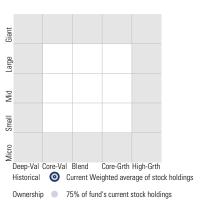
44/118

# PIMCO Commodity Real Ret Strat Instl PCRIX

# Morningstar Category Morningstar Index Commodities Broad Basket Bloomberg Commodity TR USD



Morningstar Style Box™



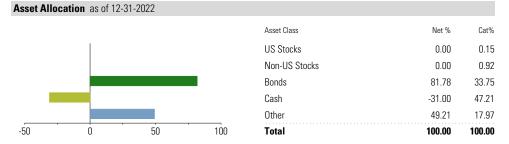


Equity



Value Blend Growth

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



		Fund	Bmark	Cat	Fund	▼ Bei	nchmark	Cate	gory Av	/erage		
<b>Ն</b>	Cyclical	-	-	44.68								
÷.	Basic Materials	_	_	44.68								
<b>A</b>	Consumer Cyclical	_	_	0.00								
<del>,</del>	Financial Services	_	_	0.00	0							
æ	Real Estate	_	_	0.00								
W	Sensitive	-	-	51.07								
	Communication Services	_	_	0.00	ĺ							
ð	Energy	_	_	48.94								
Ф	Industrials	_	_	2.13								
	Technology	_	_	0.00	İ							
<b>—</b>	Defensive	-	-	4.26								
=	Consumer Defensive	_	_	4.26								
٠	Healthcare	_	_	0.00	ĺ							
•	Utilities	_	_	0.00	ĺ							

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ 5 Year Treasury Note Future Mar 23	24.31	24.31	_	_
	18.13	42.44	_	_
☆ Cash Offset	16.46	58.90	_	_
─ Euro Schatz Future Mar 23	13.61	72.51	_	_
─ United States Treasury Notes 0.125%	12.16	84.67	_	_
— 10 Year Treasury Note Future Mar 23	12.01	96.68	_	_
⊕ 3 Month Euribor TAS Future Mar 23	9.75	106.43	_	_
United States Treasury Notes 0.625%	9.70	116.12	_	_
─ U S TIPS REV REPO	9.31	125.43	_	_
⊕ U S TIPS REV REPO	8.88	134.31	_	_
⊕ TRS R 4.19/91282CDC2 MYC	7.79	142.10	_	_
⊕ Pimco Cayman Cmdty Fd Ltd Instl	7.24	149.34	_	_
⊕ United States Treasury Notes 0.125%	7.20	156.55	_	-
⊕ United States Treasury Notes 0.125%	6.28	162.82	_	_
US Treasury Bond Future Mar 23	5.85	168.67	_	_

**Total Holdings 874** 



# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 8.27 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.

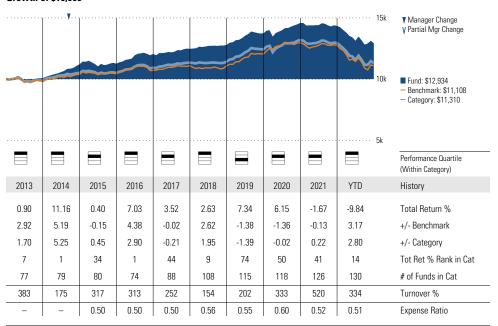
### **Morningstar Investment Management LLC Analysis**

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Management's quantitative screens. Morningstar
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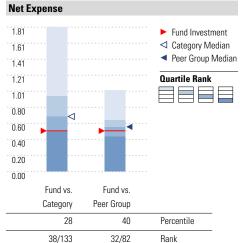
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.27	_	-0.56
Beta	0.63	_	0.91
R-Squared	58.03	_	66.59
Standard Deviation	4.88	5.85	6.52
Sharpe Ratio	-0.56	-0.58	-0.59
Tracking Error	3.82	_	4.06
Information Ratio	0.19	_	-0.06
Up Capture Ratio	69.91	_	100.72
Down Capture Ratio	71.23	_	104.53

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	6.94
Avg Eff Maturity	7.22	-	8.12



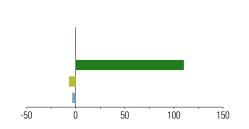
# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
Global Bond-USD Hedged

B

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





Asset Allocation as of 12-31-2022

Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.01	0.02
Bonds	109.83	88.81
Cash	-6.61	10.97
Other	-3.24	0.19
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	56.80	3.53	41.60
AA	13.68	74.59	18.48
A	16.98	10.82	17.45
BBB	7.77	8.32	20.42
BB	1.88	0.28	5.05
В	0.65	0.00	1.34
Below B	2.24	0.00	0.54
Not Rated	0.00	2.46	-4.87

Sector Weighting as of 12-			_			_		По						
	Fund	Bmark	Cat	Fund		▼ Ben	chmark	: [] C	ategory	Avera	ge			
Government	40.62	-	46.89											
Treasury	5.10	-	37.06											
Inflation – Protected	0.41	_	1.11	1[										
Agency/Quasi Agency	1.49	_	4.02											
Other Government Related	33.62	_	4.70						-					
Corporate	3.60	-	11.17											
Corporate Bond	2.60	_	11.06											
Bank Loan	0.06	_	0.11											
Convertible	0.76	_	0.00	(iii										
Preferred	0.18	_	0.00	ĺ										
Securitized	8.07	-	3.99											
Agency MBS Pass-Through	2.80	_	1.71											
Agency MBS ARM	0.00	_	0.00	ĺ										
Agency MBS CMO	0.02	_	0.03											
Non-Agency Residential MBS	1.24	_	0.32	()										
Commercial MBS	0.25	_	0.23											
Asset-Backed	2.96	_	1.35											
Covered Bond	0.80	_	0.35	0										
Municipal	0.03	-	0.08											
Cash & Equivalents	31.75	-	23.52											
Other	15.04	-	14.33											
				0%	5	10	15	20	25	30	35	40	45	50

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⇒ 3 Month SOFR Future Dec 23	03-2024	23.07	23.07	_
⊕ IRS EUR 1.50000 03/15/23-5Y LCH Pay	03-2028	21.27	44.34	_
€ IRS EUR 1.50000 03/15/23-5Y LCH Receive	03-2028	19.56	63.90	_
€ Euro Schatz Future Mar 23	03-2023	15.07	78.96	_
⊕ 3 Month SOFR Future June 23	09-2023	13.57	92.54	-
3 Month SOFR Future June 24	09-2024	11.63	104.16	_
⊕ IRS EUR 1.75000 03/15/23-10Y LCH Pay	03-2033	10.93	115.09	_
→ RFR USD SOFR/1.75000 06/15/22-5Y LCH Pay	06-2027	10.68	125.77	_
Euro Bobl Future Mar 23	03-2023	9.90	135.67	_
RFR USD SOFR/1.75000 06/15/22-5Y LCH Receive	06-2027	9.79	145.46	_

Total Holdings 1646



# Vanguard 500 Index Admiral VFIAX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

### Quantitative Screens

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.68 years.
- Net Expense: The fund's expense ratio of 0.04 is 94.81% lower than the Large Blend category average.

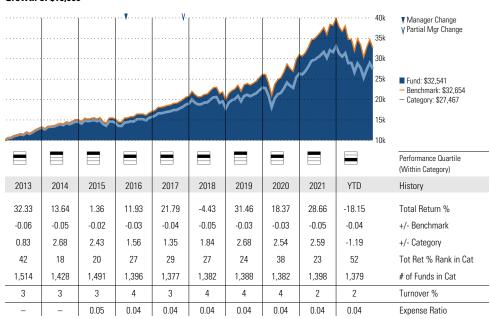
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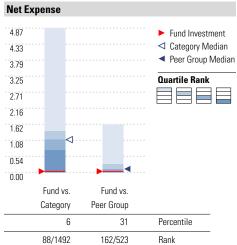
### **ESG Metrics**

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

### Growth of \$10,000



### **Trailing Performance Total Return %** as of 12-31-2022 10 ■ Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 7.55 -18.15 7.62 9.39 12.52 6.85 10.61 7.56 -18.11 7.66 9.42 12.56 Benchmark Return % 8 27 -16 96 6 88 11.31 8 26 Category Average % 59 52 33 25 13 % Rank in Category 1.441 1.379 1.247 1.137 837 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-0.68
Beta	1.00	_	0.96
R-Squared	100.00	_	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





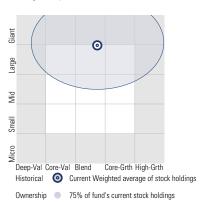
# $\textbf{Vanguard 500 Index Admiral} \quad \forall \mathsf{FIAX}$

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

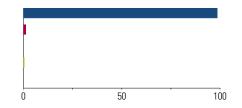
16	30	38	Large
5	8	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 12-31-2022



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

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	28.67	28.72	29.35	
A	Basic Materials	2.46	2.46	2.84	
A	Consumer Cyclical	9.57	9.56	9.83	
ı,	Financial Services	13.84	13.89	14.27	
命	Real Estate	2.80	2.81	2.41	
W	Sensitive	44.61	44.59	44.38	
	Communication Services	7.28	7.28	7.09	
•	Energy	5.24	5.23	4.38	
Ф	Industrials	9.06	9.06	10.44	
	Technology	23.03	23.02	22.47	
<b>-</b>	Defensive	26.71	26.69	26.28	
Ħ	Consumer Defensive	7.61	7.61	7.43	
+	Healthcare	15.91	15.90	16.05	
•	Utilities	3.19	3.18	2.80	
					0% 5 10 15 20 25 20 25 40 41

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.03	6.03	-26.32	Technology
	5.55	11.58	-27.94	Technology
⊕ Amazon.com Inc	2.31	13.90	-49.62	Consumer Cyclical
⊕ Berkshire Hathaway Inc Class B	1.73	15.63	3.31	Financial Services
Alphabet Inc Class A	1.64	17.26	-39.09	Communication Svc
⊕ UnitedHealth Group Inc	1.54	18.80	6.86	Healthcare
	1.46	20.26	-38.67	Communication Svc
⊕ Johnson & Johnson	1.43	21.69	5.86	Healthcare
─ Exxon Mobil Corp	1.41	23.10	86.06	Energy
⊕ JPMorgan Chase & Co	1.22	24.32	-12.79	Financial Services
⊕ NVIDIA Corp	1.13	25.45	-50.26	Technology
⊕ Procter & Gamble Co	1.12	26.57	-5.14	Consumer Defensive
⊕ Visa Inc Class A	1.05	27.62	-3.40	Financial Services
⊕ Tesla Inc	1.03	28.64	-65.03	Consumer Cyclical
⊕ The Home Depot Inc	1.00	29.65	-22.06	Consumer Cyclical

Total Holdings 509



# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**Diversified Emerging Mkts

Morningstar Index MSCI EM NR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.35 years.

Net Expense: The fund's expense ratio of 0.14 is 87.83% lower than the Diversified Emerging Mkts category average.

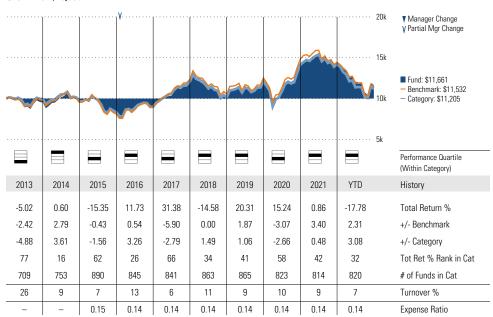
### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

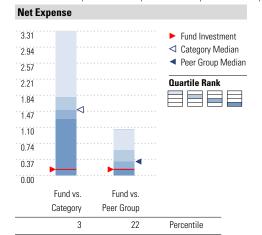
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-Low	02-15-2022

### 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.

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Rank

## 3-Year Risk Metrics

	Fullu	billark	Cat
Alpha	1.11	_	0.18
Beta	0.96	_	1.00
R-Squared	97.31	_	88.98
Standard Deviation	20.04	20.55	21.86
Sharpe Ratio	-0.02	-0.07	-0.06
Tracking Error	3.38	_	7.01
Information Ratio	0.35	_	-0.06
Up Capture Ratio	98.95	_	102.04
Down Capture Ratio	94.75	_	102.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.11	10.62	11.64
Price/Book Ratio	1.65	1.56	1.80
Geom Avg Mkt Cap \$B	20.09	33.24	38.67
ROE	17.39	17.19	18.44



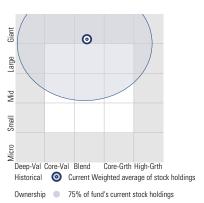
26/880

# Vanguard Emerging Mkts Stock Idx Adm VEMAX

# Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

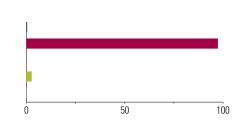
Equity

19	35	23	Large
6	8	4	Mid
2	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2022

Total	100.00	100.00
Other	0.06	0.14
Cash	2.50	1.92
Bonds	0.00	0.03
Non-US Stocks	97.24	94.72
US Stocks	0.20	3.20
Asset Class	Net %	Cat%

			ь .	0 .	-		D		По						
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	(    Ca	ategory	Avera	ge		,	
ŀ	Cyclical	47.33	46.30	45.30											1
i.	Basic Materials	9.57	8.87	6.83				_							
<b>-</b>	Consumer Cyclical	13.43	13.30	14.15			•	<b>=</b> [							
ê	Financial Services	21.26	22.17	22.56											
b	Real Estate	3.07	1.96	1.76									į		
M	Sensitive	37.56	40.06	40.12											
	Communication Services	9.55	10.43	8.52											
	Energy	5.35	5.05	5.06											
þ	Industrials	7.58	5.87	6.10											
3	Technology	15.08	18.71	20.44					•						
<b>→</b>	Defensive	15.11	13.65	14.57											
Ţ	Consumer Defensive	6.59	6.29	7.69											
ř	Healthcare	4.89	4.38	5.06											
	Utilities	3.63	2.98	1.82											
					0%	5	10	15	20	25	30	35	40	45	Ę

### World Regions % Equity 12-31-2022



	Fund %	Cat %
Greater Asia	75.93	74.74
Japan	0.00	0.09
Australasia	0.00	0.05
Asia-4 Tigers	16.61	24.78
Asia-ex 4 Tigers	59.32	49.82
Not Classified	0.00	0.00

Americas	Fund % 9.72	Cat % 14.72	Greater Europe	Fund % 14.35	Cat % 10.53	Market Maturity	Fund %
North America	0.17	3.11	United Kingdom	0.00	0.66	Developed Markets	21.09
Central/Latin	9.55	11.61	W euro-ex UK	0.54	1.79	Emerging Markets	78.91
			Emrgng Europe	1.57	1.33	Not Available	0.00
			Africa	12.24	6.75		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	4.29	4.29	-25.28	Technology
□ Tencent Holdings Ltd	3.72	8.01	-24.05	Communication Svc
→ Alibaba Group Holding Ltd Ordinary Shares	2.41	10.42	-25.68	Consumer Cyclical
	1.51	11.93	7.86	Energy
	1.38	13.31	_	-
	1.33	14.64	-15.77	Consumer Cyclical
	0.97	15.60	-7.44	Consumer Cyclical
	0.96	16.57	23.73	Basic Materials
	0.95	17.52	-18.56	Technology
○ China Construction Bank Corp Class H	0.86	18.37	4.14	Financial Services

### Total Holdings 4654



# Vanguard Growth Index Admiral VIGAX

Morningstar Category

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

### Portfolio Manager(s)

Gerard O'Reilly since 12-1994 Walter Nejman since 04-2016

### **Quantitative Screens**

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

Management: The fund's management has been in place for 28.02 years.

Net Expense: The fund's expense ratio of 0.05 is 94.79% lower than the Large Growth category average.

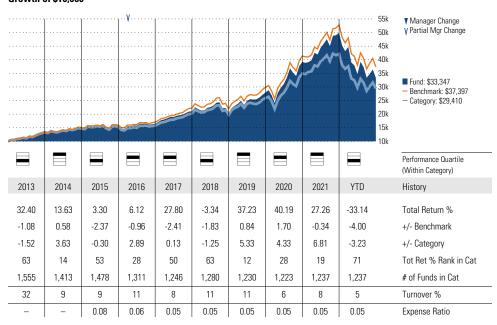
### **Morningstar Investment Management LLC Analysis**

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.

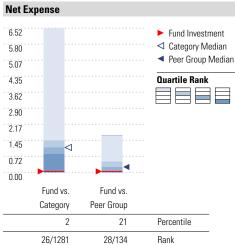
### **ESG Metrics**

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

### Growth of \$10,000



### **Trailing Performance Total Return %** 15% as of 12-31-2022 10 ■ Fund Benchmark Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % -0.14 -33.14 6.05 9.61 12.80 6.73 2.20 -29.14 7.79 10.96 14.10 11.35 Benchmark Return % 3.10 -29 91 4 72 11 77 8.30 Category Average % 79 71 43 34 29 % Rank in Category 1.273 1.237 1.133 1.056 807 # of Funds in Category



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	-1.76	_	-2.73
Beta	1.03	_	0.97
R-Squared	99.52	_	93.03
Standard Deviation	24.60	23.80	24.00
Sharpe Ratio	0.32	0.39	0.27
Tracking Error	1.85	_	6.26
Information Ratio	-0.94	_	-0.62
Up Capture Ratio	99.76	_	89.56
Down Capture Ratio	104.77	-	97.48

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.99	24.23	23.83
Price/Book Ratio	6.83	8.23	6.53
Geom Avg Mkt Cap \$B	238.49	222.04	263.75
ROE	37.43	41.41	37.70



# Vanguard Growth Index Admiral VIGAX

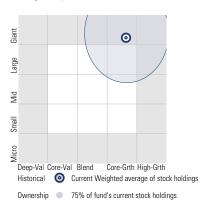
# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

2	17	67	Large
0	5	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼	Benchm	ark	[] Cat	tegory	Aver	age		
ŀ	Cyclical	29.10	23.90	28.54					•	0				
A	Basic Materials	2.08	1.27	1.48										
Д	Consumer Cyclical	17.36	13.83	15.14										
ê	Financial Services	7.08	7.14	10.27										
t	Real Estate	2.58	1.66	1.65										
M	Sensitive	58.39	55.91	50.56										
	Communication Services	10.98	6.69	8.92										
ð	Energy	1.73	1.71	2.20										
<b>Ģ</b>	Industrials	4.95	8.50	6.49										
	Technology	40.73	39.01	32.95								•		
<b>-</b>	Defensive	12.51	20.18	20.90										
-	Consumer Defensive	2.96	6.72	4.26		<b>'</b>								
٠	Healthcare	9.55	13.40	16.09										
•	Utilities	0.00	0.06	0.55	i									

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	12.51	12.51	-26.32	Technology
	11.39	23.90	-27.94	Technology
⊕ Amazon.com Inc	4.64	28.54	-49.62	Consumer Cyclical
⊕ Alphabet Inc Class A	3.36	31.90	-39.09	Communication Svc
	2.92	34.83	-38.67	Communication Svc
NVIDIA Corp     ■     NVIDIA Corp     NVIDIA Corp     ■     NVIDIA Corp     NVIDIA Corp     ■     NVIDIA Corp     NVIDIA CORP	2.18	37.00	-50.26	Technology
⊕ Tesla Inc	2.11	39.11	-65.03	Consumer Cyclical
⊕ Visa Inc Class A	2.09	41.20	-3.40	Financial Services
⊕ The Home Depot Inc	2.05	43.25	-22.06	Consumer Cyclical
Mastercard Inc Class A	1.91	45.15	-2.68	Financial Services
⊕ Thermo Fisher Scientific Inc	1.38	46.53	-17.29	Healthcare
⊕ Costco Wholesale Corp	1.29	47.82	-18.97	Consumer Defensive
⊕ McDonald's Corp	1.23	49.05	0.42	Consumer Cyclical
	1.07	50.12	-34.66	Technology
□ Linde PLC	1.03	51.15	-4.49	Basic Materials

Total Holdings 256



# Vanguard High-Yield Corporate Adm VWEAX

Morningstar Category High Yield Bond Morningstar Index

ICE BofA US High Yield TR USD

### Portfolio Manager(s)

Michael Hong since 02-2008

### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.89 years.

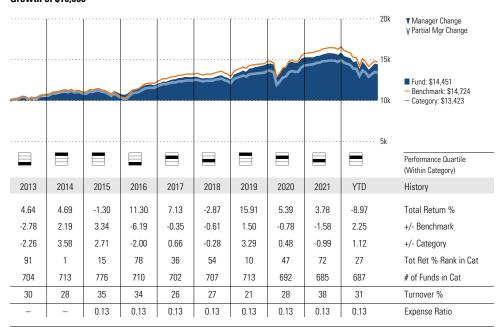
Style Consistency is not calculated for Fixed Income funds.

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

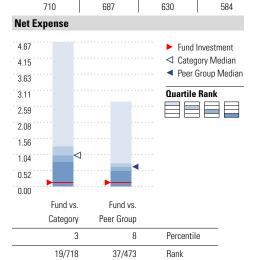
### **Morningstar Investment Management LLC Analysis**

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

### Growth of \$10,000







3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	0.01	_	-0.09
Beta	0.90	_	0.94
R-Squared	97.99	_	94.99
Standard Deviation	10.27	11.25	10.89
Sharpe Ratio	-0.05	-0.04	-0.04
Tracking Error	1.82	_	2.51
Information Ratio	0.05	_	-0.11
Up Capture Ratio	90.24	_	92.06
Down Capture Ratio	89.98	_	93.01

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.94	-	3.39
Avg Eff Maturity	5.60	-	4.98



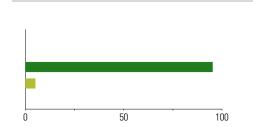
# Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category** High Yield Bond

**Morningstar Index** 

ICE BofA US High Yield TR USD

Style A	Analy	sis a	as	of 12-31-202	2
Style Br	eakd	own			
Fixed Inc	ome			Quality	
				High	
				ă ā	
				Low	
Ltd N	Лod	Ext			



Asset Allocation as of 12-31-2022

Other Total	0.00 <b>100.00</b>	3.83
Cash	4.87	1.76
Bonds	95.13	93.67
Non-US Stocks	0.00	0.01
US Stocks	0.00	0.73
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	5.79	_	2.58
AA	2.12	_	0.16
A	0.10	_	0.28
BBB	5.61	_	5.54
BB	49.62	_	38.26
В	32.95	_	37.21
Below B	3.57	_	12.21
Not Rated	0.24	_	3.75

Sector Weighting as of 12-	31-2022																	
	Fund	Bmark	Cat	Fund	•	Ве	nchi	mark	( [	] Ca	ateg	ory	Ave	eraç	je			
Government	5.10	-	2.13															
Treasury	5.10	_	0.74	()==														
Inflation – Protected	0.00	_	0.00															
Agency/Quasi Agency	0.00	_	0.10															
Other Government Related	0.00	_	1.29	10														
Corporate	89.87	_	90.06															
Corporate Bond	85.42	_	83.01															
Bank Loan	4.45	_	6.41															
Convertible	0.00	_	0.52															
Preferred	0.00	_	0.12															
Securitized	0.10	-	1.25	[]														
Agency MBS Pass-Through	0.00	_	0.03															
Agency MBS ARM	0.00	_	0.00															
Agency MBS CM0	0.00	_	0.04															
Non-Agency Residential MBS	0.00	_	0.05															
Commercial MBS	0.00	_	0.09															
Asset-Backed	0.10	_	1.04															
Covered Bond	0.00	_	0.00															
Municipal	0.00	_	0.03	0														
Cash & Equivalents	4.93	_	4.79															
Other	0.00	_	1.73	[]														

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

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	-	1.73	1.73	_
Imola Merger Corp.	_	0.98	2.72	-
→ Herc Holdings Inc	_	0.82	3.54	-
United States Treasury Notes	-	0.75	4.29	-
United States Treasury Notes	-	0.75	5.04	-
⊕ Boa-Mtg Triparty Repo	_	0.72	5.76	_
⊕ Td Triparty Mortgage	-	0.70	6.46	-
⊕ United States Treasury Notes	-	0.67	7.13	-
	_	0.66	7.79	-
Credit Suisse Group AG	_	0.64	8.43	_

Total Holdings 742



# Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

### Portfolio Manager(s)

John Madziyire since 11-2021

### **Quantitative Screens**

Q 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.

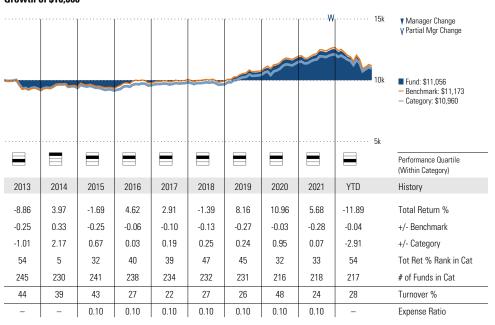
### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

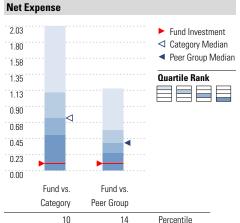
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

### 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 $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics.

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Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.07	_	0.15
Beta	0.97	-	0.92
R-Squared	99.49	_	88.43
Standard Deviation	6.84	7.01	6.90
Sharpe Ratio	0.07	0.08	0.11
Tracking Error	0.52	_	2.51
Information Ratio	-0.20	_	-0.22
Up Capture Ratio	96.37	_	92.15
Down Capture Ratio	97.08	_	90.88

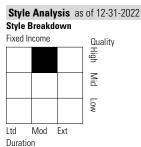
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.54	4.52	5.55
Avg Eff Maturity	7.10	_	6.37

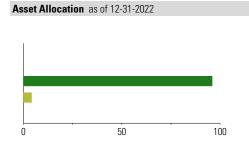


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# Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category Inflation-Protected Bond **Morningstar Index** Bloomberg US Treasury US TIPS TR USD





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

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	95.88	0.00	88.32
AA	0.00	99.60	3.60
A	0.00	0.00	1.66
BBB	0.00	0.00	2.25
BB	0.00	0.00	0.50
В	0.00	0.00	0.15
Below B	0.00	0.00	0.14
Not Rated	4.12	0.40	3.38

	31-2022					_
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	95.86	-	89.94			
Treasury	2.90	-	0.39			
nflation – Protected	92.96	-	84.49			
Agency/Quasi Agency	0.00	_	0.09			
Other Government Related	0.00	_	4.97	1 [		
Corporate	0.00	_	2.44	10		
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			
Securitized	0.00	-	3.50	i Di i		
Agency MBS Pass-Through	0.00	-	0.43			
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.10			
Non-Agency Residential MBS	0.00	_	0.14			
Commercial MBS	0.00	_	0.39			
Asset-Backed	0.00	_	2.29	1		
Covered Bond	0.00	_	0.15	0		
Municipal	0.00	_	0.02			
Cash & Equivalents	4.15	_	3.04			
Other	0.00	_	1.07	0		

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9500$ 

<b>Top 10 Holdings</b> 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	_
─ United States Treasury Notes	_	3.30	11.05	_
─ United States Treasury Notes	_	3.30	14.35	_
United States Treasury Notes	_	3.29	17.64	-
⊖ United States Treasury Notes	_	3.13	20.77	_
⊕ United States Treasury Notes	_	3.02	23.79	_
⊕ United States Treasury Notes	_	2.98	26.78	_
	_	2.96	29.74	_
─ United States Treasury Notes	_	2.95	32.69	_

Total Holdings 58



# Vanguard International Growth Adm VWILX

**Morningstar Category** Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 13.02 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.34 is 67.62% lower than the Foreign Large Growth category average.

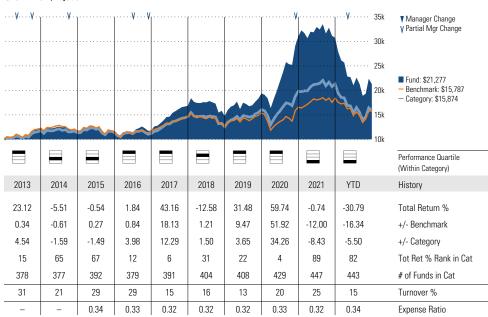
### **Morningstar Investment Management LLC Analysis**

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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000



### **Trailing Performance**



### **Net Expense** 3.31 Fund Investment Category Median 2.94 Peer Group Median 2.57 2.21 Quartile Rank 1.84 1.47 1.10 0.74 n nn Fund vs Fund vs Peer Group Category Percentile

	18/451	27/395	Rank	
Peer grou	p is a subset of	the category an	ıd includes fun	ds with the
same mar	nagement style (	active vs. passi	ive) and simila	r share class
characteri	etice			

Rank

### Fund **Bmark** Alpha 3.07 Beta 1 05 R-Squared 72.93

3-Year Risk Metrics

83.89 Standard Deviation 24 95 20.25 21 69 Sharpe Ratio 0.21 0.10 0.06 Tracking Error 13.02 8.76 Information Ratio 0.17 -0.10 Up Capture Ratio 103.23 99.00 Down Capture Ratio 95.06 102.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.02	12.65	19.09
Price/Book Ratio	3.11	1.56	2.99
Geom Avg Mkt Cap \$B	51.99	43.46	48.56
ROE	19.23	19.18	22.43



Cat

-0.67

0.98

18/451

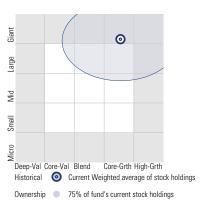
# Vanguard International Growth Adm VWILX

### **Morningstar Category** Foreign Large Growth MSCI EAFE NR USD

# Morningstar Index

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

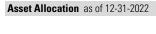
Equity

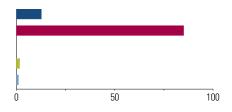
_qu.tj			
9	28	46	Large
3	7	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.92	0.57
Cash	1.52	2.55
Bonds	0.00	0.00
Non-US Stocks	84.98	89.95
US Stocks	12.58	6.95
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2022											
		Fund	Bmark	Cat	Func	i v	Benchm	ark [] C	ategory	Average			
<u></u>	Cyclical	35.62	39.68	34.80									
A	Basic Materials	0.78	7.81	6.34			1						
A	Consumer Cyclical	23.86	10.37	12.95									
<del>,</del>	Financial Services	10.98	18.69	14.78					*				
命	Real Estate	0.00	2.81	0.73	[	1							
W	Sensitive	39.52	32.96	39.26								•	
d	Communication Services	7.11	4.93	4.06									
•	Energy	1.78	5.06	4.02				į					
Ф	Industrials	11.24	14.88	15.97									
	Technology	19.39	8.09	15.21			7						
<b>→</b>	Defensive	24.85	27.36	25.95									
Ħ	Consumer Defensive	5.19	10.37	9.63			0						
+	Healthcare	18.70	13.71	15.46		- :							
•	Utilities	0.96	3.28	0.86		7							
					0%	5	10	15	20	25	30	35	4

### World Regions % Equity 12-31-2022



Greater Asia	Fund % 30.58	Cat % 27.34	
Japan	7.30	11.60	
Australasia	0.78	1.96	
Asia-4 Tigers	7.53	6.01	
Asia-ex 4 Tigers	14.97	7.77	
Not Classified	0.00	0.00	

Americas	Fund % 19.40	Cat % 14.74	Greater Europe	Fund % 50.02	Cat % 57.92	Market Maturity	Fund %
North America Central/Latin	14.27 5.13	12.78 1.96	United Kingdom W euro-ex UK	6.21 42.70	12.49 44.80	Developed Markets Emerging Markets	79.91 20.09
, ,			Emrgng Europe Africa	0.00 1.11	0.02 0.61	Not Available	0.00

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.08	5.08	-27.89	Technology
	4.15	9.23	-29.28	Healthcare
	3.98	13.21	-37.24	Consumer Cyclical
□ Tencent Holdings Ltd	3.71	16.92	-24.05	Communication Svc
⊕ Adyen NV	3.30	20.22	-43.57	Technology
	2.92	23.13	-25.28	Technology
○ Kering SA	2.77	25.90	-30.76	Consumer Cyclical
Genmab A/S	2.54	28.44	12.77	Healthcare
	2.50	30.95	-15.77	Consumer Cyclical
⊕ Vestas Wind Systems A/S	2.15	33.10	2.59	Industrials

### Total Holdings 146



# Vanguard International Value Inv VTRIX

**Morningstar Category** Foreign Large Value Morningstar Index MSCI EAFE NR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.6 years.
- Net Expense: The fund's expense ratio of 0.36 is 63.27% lower than the Foreign Large Value category average.

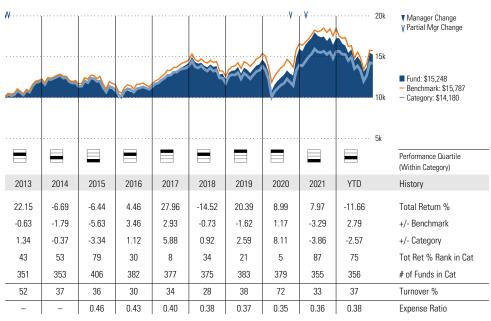
### **Morningstar Investment Management LLC Analysis**

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

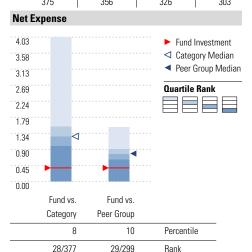
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

### Growth of \$10,000

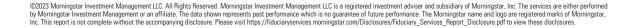


### **Trailing Performance Total Return %** as of 12-31-2022 ■ Fund 10 Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 15.76 -11.66 1.30 1.36 4.31 8.07 17.34 -14.45 0.87 1.54 4.67 8.22 Benchmark Return % 18 02 -9 N9 0.89 0.66 3 61 Category Average % 82 75 40 27 25 % Rank in Category 375 356 326 303 180 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.66	_	0.43
Beta	1.04	_	1.04
R-Squared	92.63	_	90.02
Standard Deviation	21.95	20.25	22.18
Sharpe Ratio	0.13	0.10	0.12
Tracking Error	6.02	_	7.29
Information Ratio	0.07	-	0.01
Up Capture Ratio	101.35	-	102.04
Down Capture Ratio	99.77	-	101.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.12	12.65	9.31
Price/Book Ratio	1.53	1.56	1.15
Geom Avg Mkt Cap \$B	28.83	43.46	32.72
ROE	16.05	19.18	17.40



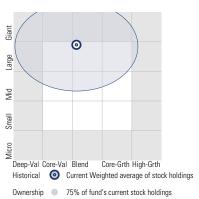


# Vanguard International Value Inv VTRIX

# Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

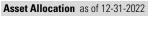
Equity

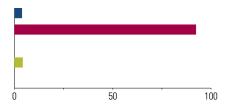
27	36	17	Large
6	8	4	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

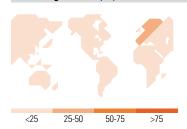




Total	100 00	100 00
Other	0.00	0.19
Cash	4.06	1.66
Bonds	0.00	0.14
Non-US Stocks	92.25	95.13
US Stocks	3.70	2.88
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2022												
		Fund	Bmark	Cat	Fund	•	Bench	mark	[] Categ	jory Ave	erage		_	
<u></u>	Cyclical	43.79	39.68	43.07										
Å.	Basic Materials	10.74	7.81	9.19										
A	Consumer Cyclical	16.72	10.37	10.30										
æ	Financial Services	15.12	18.69	22.00					1 0					
<b>fi</b>	Real Estate	1.21	2.81	1.58										
W	Sensitive	39.54	32.96	35.10										
0	Communication Services	6.97	4.93	6.46										
•	Energy	6.92	5.06	8.09		•								
¢	Industrials	17.44	14.88	14.13			- :							
	Technology	8.21	8.09	6.42			ľ							
<b>→</b>	Defensive	16.66	27.36	21.83										
Ħ	Consumer Defensive	6.21	10.37	7.98										
+	Healthcare	7.77	13.71	10.35			. [	'						
•	Utilities	2.68	3.28	3.50										
					0%	5	10	15	20	25	30	35	40	45

### World Regions % Equity 12-31-2022



	Fund %	Cat %
Greater Asia	40.34	31.96
Japan	10.52	17.50
Australasia	0.93	4.09
Asia-4 Tigers	12.63	7.20
Asia-ex 4 Tigers	16.26	3.17
Not Classified	0.00	0.00

Americas	Fund % 9.51	Cat % 8.66	Greater Europe	Fund % 50.14	Cat % 59.39	Market Maturity	Fund %
North America	6.06	7.54	United Kingdom	14.97	17.54	Developed Markets	79.78
Central/Latin	3.45	1.12	W euro-ex UK	34.57	41.25	Emerging Markets	20.22
			Emrgng Europe	0.00	0.13	Not Available	0.00
			Africa	0.60	0.47		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.37	3.37	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.07	5.44	-25.68	Consumer Cyclical
⊕ AIA Group Ltd	1.81	7.25	17.53	Financial Services
⊕ BP PLC	1.61	8.86	40.92	Energy
	1.61	10.47	0.80	Industrials
	1.56	12.03	7.68	Basic Materials
	1.37	13.40	41.32	Energy
→ HSBC Holdings PLC	1.37	14.77	13.95	Financial Services
⇒ Sands China Ltd Shs Unitary 144A/Reg S	1.17	15.94	54.39	Consumer Cyclical
RELX PLC	1.16	17.10	-7.61	Communication Svc

### Total Holdings 224



# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Growth of \$10,000

Morningstar Category Allocation--30% to 50% Morningstar Index

auitv

Morningstar US Mod Con Tgt Alloc NR LISD

### 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.

 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.

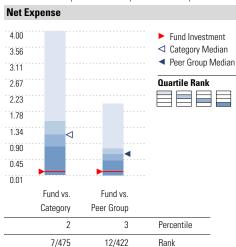
### **ESG Metrics**

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

# 20k ▼ Manager Change ▼ Partial Mgr Change ▼ Partial Mgr Change ▼ Partial Mgr Change ▼ Performance S15,448 - 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
33	9	12	54	30	14	36	27	85	78	Tot Ret % Rank in Cat
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





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

J-1 Cui Illak Mictilea			
	Fund	Bmark	Cat
Alpha	-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

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Allocation--30% to 50%

Fund

**Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR

### Style Analysis as of 12-31-2022

Morningstar Style Box™



# 100

Asset Allocation as of 12-31-2022

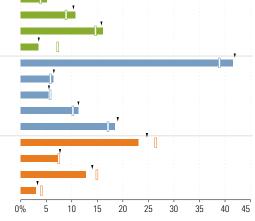


### Style Breakdown

>50 25-50 10-25 0-10

Equity				Fixed Income			Quality	
	17	27	29	Large				High
	6	9	5	Mid				Mid
	2	3	2	Small				Low
	Value	Blend	Growth		Ltd Duratio	Mod	Ext	_

Sec	ctor Weighting as of 12-	31-2022		
		Fund	Bmark	Cat
Դ	Cyclical	35.38	33.67	34.67
A	Basic Materials	5.09	4.43	3.89
A	Consumer Cyclical	10.67	10.18	8.88
ı <del>, f</del>	Financial Services	16.12	15.66	14.64
俞	Real Estate	3.50	3.40	7.26
W	Sensitive	41.58	41.77	38.91
	Communication Services	6.40	6.35	5.83
0	Energy	5.43	5.40	5.76
Ф	Industrials	11.34	11.16	10.22
	Technology	18.41	18.86	17.10
<b>→</b>	Defensive	23.04	24.57	26.42
Ħ	Consumer Defensive	7.25	7.55	7.45
٠	Healthcare	12.78	13.87	14.92
•	Utilities	3.01	3.15	4.05



<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Bond Market II ldx Inv	-	41.21	41.21	_	_
⊕ Vanguard Total Stock Mkt ldx Inv	-	23.35	64.56	_	_
⊕ Vanguard Total Intl Bd II Idx Investor	-	17.97	82.53	_	-
Ovanguard Total Intl Stock Index Inv	-	16.28	98.81	_	_
⊕ Mktliq 12/31/2049	_	1.17	99.98	-	-
⊕ Us Dollar	_	0.02	100.00	_	_

### Total Holdings 6



# Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Allocation--70% to 85% Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

### 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.

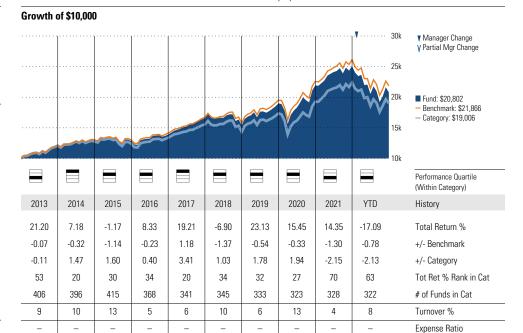
Net Expense: The fund's expense ratio of 0.14 is 86% lower than the Allocation--70% to 85% Equity category average.

### **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





3-Year Risk Metrics

		ı	ı
<b>Net Exp</b>	ense		
5.91			Fund Investment
5.25			Category Median
4.60			<ul> <li>Peer Group Median</li> </ul>
3.94			Quartile Rank
3.28			
2.63			
1.97			
1.31	. 4		
0.66		·····	
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	1	4	Percentile
	4/329	12/307	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

	Fund	Bmark	Cat
Alpha	-0.82	-	-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
Down Capture Ratio	103.62	_	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



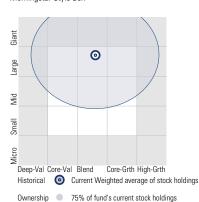
# Vanguard LifeStrategy Growth Inv VASGX

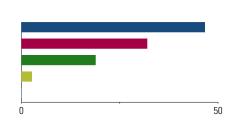
Morningstar Category Allocation--70% to 85%

Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR

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





Asset Allocation as of 12-31-2022



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•	,	ъ.	ou	····		•••



Weight %

>50 25-50 10-25 0-10

rixea	Income		¬ Quali
			High
			Mid
			Low
Ltd	Mod	Fxt	

		Fund	Bmark	Cat	Fund	•	Bench	nmark	Cate	gory Av	erage	
Сус	lical	35.34	33.76	34.81								
Bas	ic Materials	5.07	4.44	4.81								
Con	nsumer Cyclical	10.67	10.21	10.40								
Fina	ancial Services	16.11	15.71	16.02								
Rea	al Estate	3.49	3.40	3.58		Ó						
Sen	sitive	41.60	41.75	41.73								
Con	nmunication Services	6.40	6.38	7.40								
Ene	rgy	5.41	5.39	5.41								
Indi	ustrials	11.34	11.11	11.10								
Tec	hnology	18.45	18.87	17.82					• •			
Def	ensive	23.06	24.47	23.45			_			<b>[</b> ]		
Con	sumer Defensive	7.24	7.54	6.77			'					
Hea	althcare	12.81	13.79	13.64				■ [				
Util	ities	3.01	3.14	3.04								

Equity

### **Top 6 Holdings** as of 12-31-2022 Name Maturity Date % Net Asset Cumulative % YTD Return % Morningstar Sector Vanguard Total Stock Mkt Idx Inv 47.23 47.23 O Vanguard Total Intl Stock Index Inv 32.63 79.85 Vanguard Total Bond Market II ldx Inv 13.28 93.13 Vanguard Total Intl Bd II ldx Investor 5.81 98.94 → Mktliq 12/31/2049 1.14 100.08 0.08 ① Us Dollar 100.15

### Total Holdings 6

## Vanguard LifeStrategy Income Inv VASIX

Morningstar Category Allocation--15% to 30% Morningstar Index

Morningstar US Con Tgt Alloc NR USD

Expense Ratio

Equity

#### 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.
- ✓ 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**

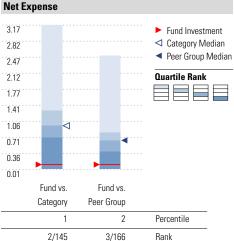
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

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

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change ■ Fund: \$13,137 Benchmark: \$13,768 Category: \$12,603 Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 3.40 6.76 0.22 4.58 6.98 -1.05 12.05 9.13 1.92 -13.93 Total Return % -1.84 0.92 -0.51 0.17 -0.06 -0.24 -0.38 -0.13 -1.69 -0.91 +/- Benchmark -0.62 3.22 2.29 -0.97 0.73 2.09 0.85 1.84 -3.12 -3.09 +/- Category 4 49 11 35 27 90 85 Tot Ret % Rank in Cat 68 8 65 142 167 172 184 174 146 146 145 136 142 # of Funds in Cat 25 12 14 4 4 9 6 17 26 Turnover %

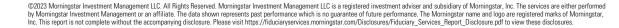




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

o rour mon monito			
	Fund	Bmark	Cat
Alpha	-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	-1.02	_	0.02
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





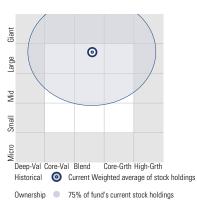
## Vanguard LifeStrategy Income Inv VASIX

Morningstar Category Allocation--15% to 30% Morningstar Index

Morningstar US Con Tgt Alloc NR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



Asset Allocation as of 12-31-2022



#### Style Breakdown

ı	Equity				Fixed	Income		Qualit
	18	28	29	Large				High
	6	9	5	Mid				Mid
	2	3	2	Small				Low
١	/alue	Blend	Growth		Ltd Durati	Mod	Ext	_

Fixed Ir	ncome		Quality
			High
			Mid
			Low
Ltd	Mod	Ext	J
Durotic	n		

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	, t	Bench	nmark	Cate	jory Ave	rage	_	
٠	Cyclical	35.53	33.42	32.65									
À.	Basic Materials	5.16	4.31	3.36									
	Consumer Cyclical	10.69	10.18	8.87									
<u></u>	Financial Services	16.17	15.54	14.07									
b	Real Estate	3.51	3.39	6.35									
NI	Sensitive	41.49	41.95	41.29									
	Communication Services	6.38	6.37	6.35									
•	Energy	5.43	5.36	6.73									
þ	Industrials	11.38	11.10	10.40									
3	Technology	18.30	19.12	17.81					0	<u> </u>			
+	Defensive	22.97	24.62	26.07						• [			
Ę	Consumer Defensive	7.23	7.52	7.34									
ı	Healthcare	12.71	13.98	14.14			1	■ Ü					
?	Utilities	3.03	3.12	4.59		ľ [							

100

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	55.57	55.57	_	_
○ Vanguard Total Intl Bd II Idx Investor	_	24.05	79.63	_	-
Vanguard Total Stock Mkt Idx Inv	_	11.10	90.72	_	_
◆ Vanguard Total Intl Stock Index Inv	_	8.09	98.81	_	_
	-	1.21	100.02	-	-
① Us Dollar	-	0.02	100.05	-	-

#### Total Holdings 6

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

nuity.

Morningstar US Mod Tgt Alloc NR USD

#### 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**

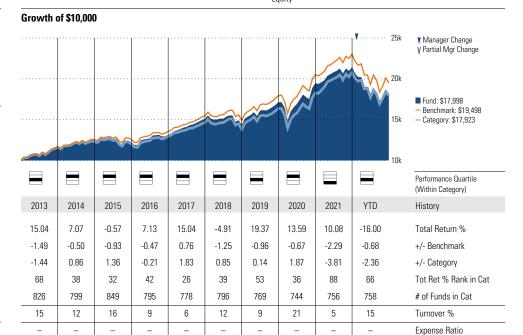
- Performance: The fund has finished in the Allocation-50% to 70% Equity category's top three quartiles in 9 of the
  10 years it's been in existence.
- × Management: The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.13 is 87.5% lower than the Allocation--50% to 70% Equity category average.

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

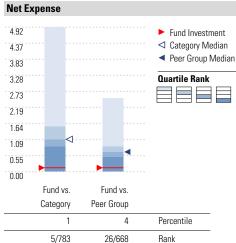
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **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



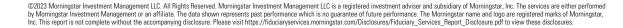




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

J-1 Cui Illak Micuica			
	Fund	Bmark	Cat
Alpha	-1.13	_	0.04
Beta	0.99	_	1.01
R-Squared	98.98	_	94.21
Standard Deviation	13.71	13.72	14.31
Sharpe Ratio	0.12	0.21	0.20
Tracking Error	1.39	_	3.33
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





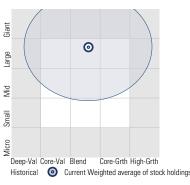
## Vanguard LifeStrategy Moderate Gr Inv VSMGX

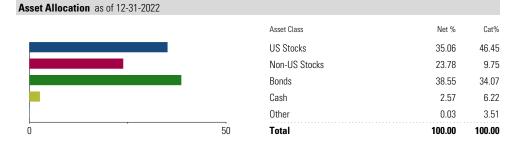
Morningstar Category Allocation--50% to 70% Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™





# St Eq

Sector Weighting as of 12-31-2022

<u></u>									• •											
.≘ Deer	o-Val Core	e-Val Ble	end (	Core-Grth	High-Grt	h				Fund	Bmark	Cat	Fund	▼ Benchmark	Cate	gory Aver	age .			
	orical (				erage of s		ngs	Դ	Cyclical	35.32	32.81	31.62					خريد			
Own	ership	75%	of fund	s current	stock hol	dings		A	Basic Materials	5.06	3.99	3.72								
								A	Consumer Cyclical	10.67	10.16	10.21								
								<b></b>	Financial Services	16.10	15.27	15.09								
Style	Breakd	own						仓	Real Estate	3.49	3.39	2.60								
Equity				Fixed	Income		Quality	W	Sensitive	41.61	42.44	42.48								
17	27	29	Large				High		Communication Services	6.39	6.46	6.62		i						
			Mid				Mid	•	Energy	5.42	5.34	5.50								
6	9	5	<u>e</u> .				₫:	<b>‡</b>	Industrials	11.33	10.77	10.59								
2	3	2	Small				Low		Technology	18.47	19.87	19.77				<u> </u>				
			J					$\rightarrow$	Defensive	23.07	24.73	25.91				<b>I</b>				
Value	Blend	Growth		Ltd Durat	Mod	Ext		E	Consumer Defensive	7.24	7.41	7.08		<b>-</b> (						
Weight	%			Durat	1011				Healthcare	12.81	14.20	15.59			]					
>50 2	25-50 10-2	25 N-1N						9	Utilities	3.02	3.12	3.24								
/JU 2	.5-50 10-2	3 0-10											0% 5	10 15	5 20	25	30	35	40	45

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	_	35.52	35.52	_	_
Vanguard Total Bond Market II ldx Inv	_	27.33	62.85	_	-
○ Vanguard Total Intl Stock Index Inv	_	24.30	87.15	_	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	11.78	98.93	_	-
	_	1.10	100.03	-	-
⊕ Us Dollar	-	0.03	100.07	-	_

#### Total Holdings 6

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard Mid-Cap Growth Index Admiral VMGMX

## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

Q 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 9.86 years.

Net Expense: The fund's expense ratio of 0.07 is 93.14% lower than the Mid-Cap Growth category average.

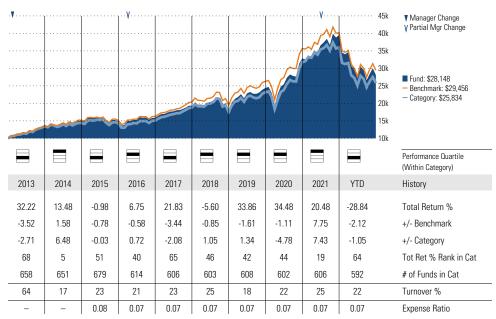
#### **Morningstar Investment Management LLC Analysis**

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.

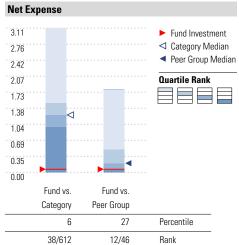
#### **ESG Metrics**

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

#### Growth of \$10,000



#### **Trailing Performance Total Return %** 15% as of 12-31-2022 10 ■ Fund Benchmark 0 Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 5.69 -28.84 4.86 7.81 10.90 11.37 6.90 -26.72 3.85 7.64 11.41 10.55 Benchmark Return % 5.07 -27 79 7.09 10.67 4 14 Category Average % 51 64 42 40 45 % Rank in Category 595 592 540 505 395 # of Funds in Category



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	1.01	-	0.30
Beta	1.00	-	0.98
R-Squared	98.86	_	91.63
Standard Deviation	24.98	24.87	25.73
Sharpe Ratio	0.28	0.24	0.24
Tracking Error	2.67	-	7.31
Information Ratio	0.38	-	-0.10
Up Capture Ratio	102.23	-	99.65
Down Capture Ratio	99.40	_	99.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	24.13	22.87	25.56
Price/Book Ratio	4.29	5.66	4.02
Geom Avg Mkt Cap \$B	23.11	19.63	16.01
ROE	21.14	28.34	19.80



# Vanguard Mid-Cap Growth Index Admiral VMGMX

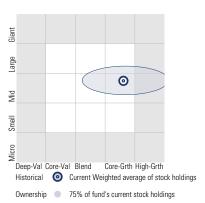
## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

Equity

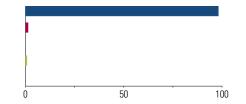
0	10	12	Large
2	32	43	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.44
Cash	0.66	2.48
Bonds	0.00	0.09
Non-US Stocks	1.25	3.72
US Stocks	98.09	93.28
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchma	rk	Categ	ory A	/erage		
ŀ	Cyclical	27.75	27.21	28.68									
ė.	Basic Materials	3.87	2.81	2.25									
<b>A</b>	Consumer Cyclical	11.27	16.33	13.13									
<b>,</b>	Financial Services	5.49	5.91	9.97		0							
è	Real Estate	7.12	2.16	3.33									
M	Sensitive	54.62	52.02	47.54									
₫	Communication Services	4.72	3.33	2.83									
•	Energy	7.58	5.11	3.28									
Ф	Industrials	13.46	16.44	15.10			<b>I</b>						
	Technology	28.86	27.14	26.33									
<b>→</b>	Defensive	17.64	20.77	23.76				- : '					
=	Consumer Defensive	1.35	3.30	2.88									
٠	Healthcare	16.29	17.13	20.17			- i						
•	Utilities	0.00	0.34	0.71	i								

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.66	1.66	-12.02	Technology
⊕ Cadence Design Systems Inc	1.62	3.28	-13.80	Technology
DexCom Inc	1.60	4.88	-15.64	Healthcare
⊕ Motorola Solutions Inc	1.58	6.46	-3.95	Technology
Devon Energy Corp	1.47	7.94	51.37	Energy
⊕ Realty Income Corp	1.46	9.40	-7.25	Real Estate
	1.44	10.84	93.60	Energy
⊕ Cintas Corp	1.43	12.27	2.85	Industrials
	1.42	13.69	-17.98	Technology
☐ IQVIA Holdings Inc	1.40	15.08	-27.38	Healthcare
○ Cheniere Energy Inc	1.37	16.45	49.23	Energy
⊕ Enphase Energy Inc	1.32	17.77	44.83	Technology
→ MSCI Inc	1.30	19.07	-23.33	Financial Services
Waste Connections Inc	1.25	20.32	-2.03	Industrials
⊕ TransDigm Group Inc	1.19	21.51	1.87	Industrials

Total Holdings 169

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard Selected Value Inv VASVX

## Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

#### Portfolio Manager(s)

Richard Greenberg since 02-2005 Richard Pzena since 03-2014 John Flynn since 12-2015 Benjamin Silver since 02-2017 Jonathan Hartsel since 11-2019 William Weber since 12-2019 Mehul Trivedi since 12-2019

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 17.86 years.

✓ Net Expense: The fund's expense ratio of 0.32 is
 67.35% lower than the Mid-Cap Value category average.

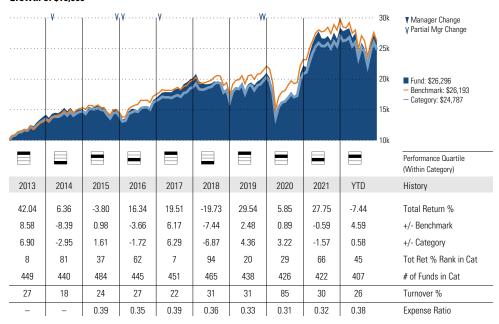
#### **Morningstar Investment Management LLC Analysis**

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.

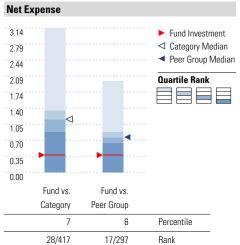
#### **ESG Metrics**

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

#### Growth of \$10,000



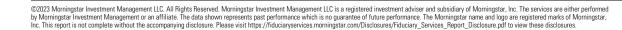




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.74	-	0.86
Beta	1.14	-	0.99
R-Squared	96.44	-	95.83
Standard Deviation	28.87	24.79	25.07
Sharpe Ratio	0.38	0.32	0.35
Tracking Error	6.51	-	5.36
Information Ratio	0.30	-	0.13
Up Capture Ratio	114.90	-	98.80
Down Capture Ratio	110.76	_	96.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	9.36	13.97	12.92
Price/Book Ratio	1.40	2.06	1.88
Geom Avg Mkt Cap \$B	8.07	16.01	12.31
ROE	14.48	15.78	17.41





## Vanguard Selected Value Inv VASVX

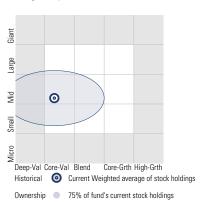
## Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



#### Style Breakdown

Equity

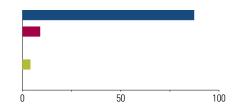
-quit,			
2	3	0	Large
39	15	3	MIG
21	15	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.40
Cash	3.89	2.42
Bonds	0.00	0.01
Non-US Stocks	8.87	6.46
US Stocks	87.24	90.71
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
Դ	Cyclical	50.72	45.64	42.06	
A.	Basic Materials	6.95	6.13	5.40	
A	Consumer Cyclical	14.39	10.44	11.17	
ø	Financial Services	26.85	17.74	19.04	
ŵ	Real Estate	2.53	11.33	6.45	
W	Sensitive	35.75	33.31	34.28	
	Communication Services	2.10	3.29	3.07	
ð	Energy	3.83	5.54	6.21	
Ф	Industrials	19.52	14.82	16.35	
	Technology	10.30	9.66	8.65	
<b>→</b>	Defensive	13.53	21.05	23.65	
Ħ	Consumer Defensive	2.93	4.43	6.57	
+	Healthcare	7.76	7.55	10.58	
•	Utilities	2.84	9.07	6.50	
					0% 5 10 15 20 25 30 35 40 45 50 5

#### **Top 15 Holdings** as of 12-31-2022 YTD Return % Name % Net Asset Cumulative % Morningstar Sector 3.88 3.88 AerCap Holdings NV 3.60 7.48 -10.85 Industrials Taylor Morrison Home Corp 1.77 9.25 -13.19 Consumer Cyclical Arrow Electronics Inc 1.74 10.99 -22.12 Technology Unum Group 72.12 1.67 12.65 Financial Services Gildan Activewear Inc 1.64 14.30 -33.77 Consumer Cyclical Globe Life Inc 1.57 15.86 29.50 Financial Services Fidelity National Financial Inc 1.44 17.30 -21.02 Financial Services Terex Corp 1.39 18.69 -1.62 Industrials Jefferies Financial Group Inc 1.36 20.05 -8.56 Financial Services ⊕ Fresenius Medical Care AG & Co. KGaA ADR 1.25 21.30 -48.15 Healthcare State Street Corporation 1.24 22.54 -14.01 Financial Services Equitable Holdings Inc 1.23 23.77 -10.09 Financial Services Cardinal Health Inc 1.18 24.95 53.13 Healthcare 1.17 26.12 -30.53 Consumer Cyclical Lear Corp

Total Holdings 137

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 18.01 years.

imes Style: The fund has landed in its primary style box — Small Growth — 54.55 % of the time over the past three years

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

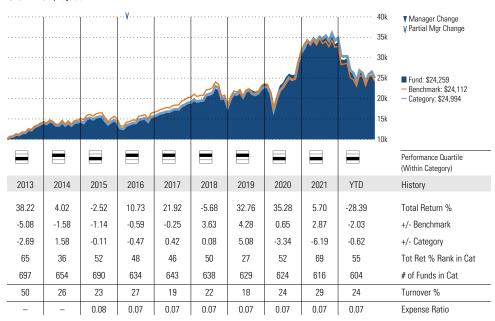
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

#### Growth of \$10,000



#### **Trailing Performance Total Return %** 15% as of 12-31-2022 10 ■ Fund Benchmark 0 Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year Since Inception 3 year 5 year 10 year 3.02 -28.39 0.79 5.10 9.27 10.51 Fund Return % 4.13 -26.36 0.65 3.51 9.20 9.20 Benchmark Return % -27 77 4.18 4 05 6 60 10.20 Category Average % 68 55 80 71 72 % Rank in Category 617 604 576 534 405 # of Funds in Category

		'	'
<b>Net Expe</b>	ense		
6.02			► Fund Investment
5.35			Category Median
4.68			<ul> <li>Peer Group Median</li> </ul>
4.01			Quartile Rank
3.34			
2.68			
2.01			
1.34	□ < □ < □		
0.67			
0.00		····	
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	1	25	Percentile
	7/623	8/33	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- Tear hisk Wellics			
	Fund	Bmark	Cat
Alpha	0.12	_	2.83
Beta	0.95	_	0.95
R-Squared	96.74	_	91.46
Standard Deviation	25.67	26.57	26.53
Sharpe Ratio	0.12	0.12	0.22
Tracking Error	4.82	_	7.92
Information Ratio	0.03	_	0.35
Up Capture Ratio	97.98	_	101.46
Down Capture Ratio	97.66	-	94.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.99	13.28	21.13
Price/Book Ratio	3.26	3.39	3.57
Geom Avg Mkt Cap \$B	4.85	2.51	4.52
ROE	10.83	12.50	12.24



# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



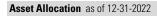
## Style Breakdown

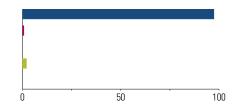
Equity

0	0	0	Large
1	17	20	Mid
5	28	28	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.76
Cash	1.98	2.51
Bonds	0.00	0.01
Non-US Stocks	0.66	4.22
US Stocks	97.36	92.50
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	l	▼ Ben	chmarl	k [] (	Catego	ory Av	erag	е	
ŀ	Cyclical	24.85	22.65	25.63							]			
ů.	Basic Materials	2.23	4.78	2.79			į							
4	Consumer Cyclical	11.99	9.82	11.03										
ê	Financial Services	4.31	5.84	9.28		• '								
ŧ	Real Estate	6.32	2.21	2.53										
MI	Sensitive	49.44	47.52	46.46										
d	Communication Services	2.60	2.15	1.84			_							
	Energy	4.87	7.42	4.36		0	'		_					
¢	Industrials	15.87	17.17	17.68										
3	Technology	26.10	20.78	22.58								<u>:</u>		
<b>→</b>	Defensive	25.72	29.82	27.91							[			
	Consumer Defensive	3.66	4.88	4.70		I [								
٠	Healthcare	21.48	23.09	22.23						[				
•	Utilities	0.58	1.85	0.98	• •									

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	1.82	1.82	_	_
→ Targa Resources Corp	0.92	2.74	43.38	Energy
⊖ Fair Isaac Corp	0.82	3.56	38.03	Technology
⊖ Bio-Techne Corp	0.72	4.28	-35.67	Healthcare
→ PTC Inc	0.70	4.98	-0.92	Technology
○ Nordson Corp	0.67	5.65	-5.97	Industrials
The Toro Co	0.65	6.30	14.54	Industrials
∋ Liberty Formula One Group C	0.65	6.95	-5.47	Communication Svc
→ Neurocrine Biosciences Inc	0.63	7.58	40.24	Healthcare
Graco Inc	0.62	8.20	-15.53	Industrials
	0.62	8.82	5.69	Industrials
⊖ Equity Lifestyle Properties Inc	0.60	9.42	-24.44	Real Estate
⇒ Sarepta Therapeutics Inc	0.60	10.01	43.90	Healthcare
⇒ Deckers Outdoor Corp	0.58	10.60	8.97	Consumer Cyclical
Darling Ingredients Inc	0.55	11.15	-9.67	Consumer Defensive

**Total Holdings 697** 

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category** 

Morningstar Index

Russell 2000 Value TR USD

#### 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.

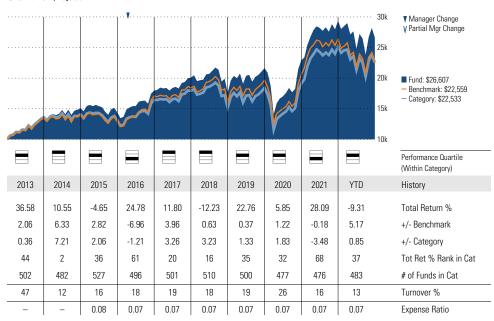
#### **Morningstar Investment Management LLC Analysis**

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

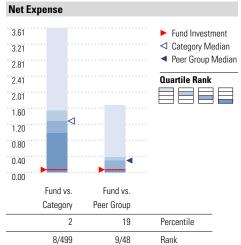
#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 11.61 -9.31 7.13 5.79 10.28 11.70 Fund Return % 8.42 -14.48 4.70 4.13 8.48 12.09 Benchmark Return % -10 16 7.06 8 67 11.20 4 77 Category Average % 44 37 41 28 13 % Rank in Category

428

324



483

455

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.45	_	2.07
Beta	0.96	_	0.99
R-Squared	97.83	_	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	Cat
Price/Earnings Ratio	10.13	9.22	11.62
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



# of Funds in Category

498

# Vanguard Small Cap Value Index Admiral VSIAX

# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

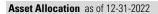
Equity

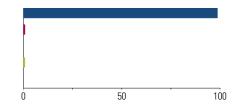
1. /			
0	0	0	Large
17	19	5	MIG
28	27	4	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

		Fund	Dmark	Cat	Fund	- Dan	ما م م ما د	Пс	oton.	am. A.	erage		
_		Fund	Bmark		Fund	▼ Ben	Jilliark	. [] (	Jaceg	DIY AV	rerage		
Դ	Cyclical	50.02	53.37	51.23	•		1	1				1	4
æ.	Basic Materials	6.05	3.54	5.91		] [							
<b>A</b>	Consumer Cyclical	12.07	10.46	13.69									
	Financial Services	21.17	26.33	24.71									
<b>fi</b>	Real Estate	10.73	13.04	6.92									
W	Sensitive	34.67	27.36	35.63					•				
	Communication Services	1.99	2.76	1.82		_							
•	Energy	5.81	5.77	6.46									
Ф	Industrials	20.00	12.28	18.23				i					
	Technology	6.87	6.55	9.12									
<b>-</b>	Defensive	15.31	19.27	13.13			į						
Ħ	Consumer Defensive	4.57	3.50	4.03									
+	Healthcare	5.76	10.57	6.21									
•	Utilities	4.98	5.20	2.89									

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ IDEX Corp	0.67	0.67	-2.39	Industrials
Steel Dynamics Inc     ■     Steel Dynamics Inc     Steel Dynamic	0.63	1.30	59.59	Basic Materials
⊕ 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
⊕ Howmet Aerospace Inc	0.57	3.64	24.13	Industrials
⊕ Booz Allen Hamilton Holding Corp Class A	0.54	4.18	25.30	Industrials
	0.52	4.71	_	-
⊕ First Horizon Corp	0.51	5.22	53.70	Financial Services
⊕ Kimco Realty Corp	0.51	5.72	-10.67	Real Estate
⊕ Gaming and Leisure Properties Inc	0.49	6.22	12.81	Real Estate
⊕ United Therapeutics Corp	0.49	6.71	28.70	Healthcare
→ Ovintiv Inc	0.49	7.20	53.29	Energy
⊕ RPM International Inc	0.49	7.69	-1.91	Basic Materials
⊕ Carlisle Companies Inc	0.47	8.16	-3.99	Industrials

#### **Total Holdings 865**

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard Ultra-Short-Term Bond Admiral VUSFX

#### **Morningstar Category** Ultrashort Bond

## Morningstar Index

Bloomberg US Agg Bond TR USD

#### 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.

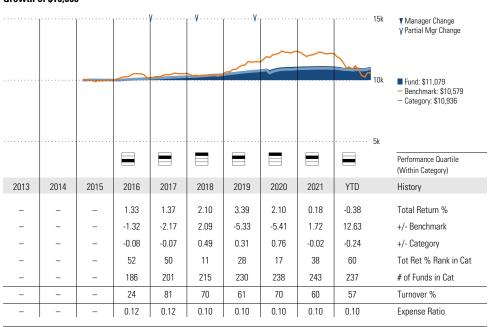
## **Morningstar Investment Management LLC Analysis**

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.

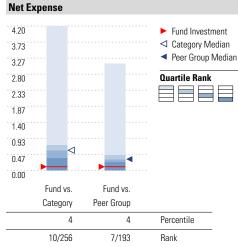
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

#### 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.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.94	_	0.76
Beta	0.12	_	0.12
R-Squared	38.70	_	17.12
Standard Deviation	1.13	5.85	1.94
Sharpe Ratio	-0.19	-0.58	-0.30
Tracking Error	5.23	_	5.59
Information Ratio	0.64	_	0.56
Up Capture Ratio	21.50	_	22.64
Down Capture Ratio	8.26	_	11.26

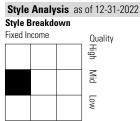
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.96	4.43	0.72
Avg Eff Maturity	0.80	_	3.41



# Vanguard Ultra-Short-Term Bond Admiral VUSFX

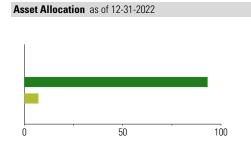
Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD



Mod Ext

Duration



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

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
Not Rated	-0.26	2.46	4.75

				0%	10	15	20	25	30	35	40	45	50	55	60	65 70
Other	0.00	-	0.06	į												
Cash & Equivalents	8.61	_	30.48													
Municipal	0.00	_	0.92	i[]												
Covered Bond	0.00	_	0.00	Ò												
Asset-Backed	17.66	-	17.62				0									
Commercial MBS	0.00	_	0.40													
Non-Agency Residential MBS	0.15	-	0.34													
Agency MBS CMO	0.00	_	2.51													
Agency MBS ARM	0.00	_	0.78													
Agency MBS Pass-Through	0.00	_	2.37													
Securitized	17.81	-	24.02													
Preferred	0.00	_	0.00	İ												
Convertible	0.00	_	0.07	ĺ												
Bank Loan	0.00	_	0.60	0												
Corporate Bond	67.77	_	31.54													
Corporate	67.77	-	32.21													
Other Government Related	0.09	-	2.84													
Agency/Quasi Agency	2.25	_	2.01													
Inflation – Protected	0.00	_	0.00	ĺ												
Treasury	3.47	_	7.45													
Government	5.81	-	12.30													
	Fund	Bmark	Cat	Fund	•	Ben	chma	ark	Cat	tegor	γ Ανε	erage				
Sector Weighting as of 12-	31-2022															

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bills	_	10.19	10.19	_
⊕ United States Treasury Bills	_	6.57	16.76	-
⊕ United States Treasury Notes	_	2.36	19.12	-
	-	1.50	20.62	-
Bank of Korea	_	0.97	21.58	_
Banque Federative du Credit Mutuel	_	0.82	22.41	_
⊕ Bank of Montreal	-	0.78	23.18	_
⊕ Royal Bank of Canada	_	0.73	23.91	-
Volkswagen Group of America Finance LLC	_	0.72	24.63	-
─ Wells Fargo & Company	_	0.67	25.31	_

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

Total Holdings 671

