# American Funds American Balanced R6 RLBGX

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

Fauity

Morningstar US Mod Tgt Alloc NR USD

### Portfolio Manager(s)

Hilda Applbaum since 01-1999

Alan Berro since 03-2006

Jeffrey Lager since 03-2011

Paul Benjamin since 07-2014

Anne-Marie Peterson since 10-2015

Alan Wilson since 01-2016

John Queen since 07-2016

Pramod Atluri since 03-2018

Mark Casey since 10-2019

Ritchie Tuazon since 10-2020

Jin Lee since 03-2023

Chit Purani since 03-2023

### **Quantitative Screens**

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

Management: The fund's management has been in place for 24.01 years.

Net Expense: The fund's expense ratio of 0.25 is
 75.96% lower than the Allocation-50% to 70% Equity
 category average.

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

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

## **ESG Metrics**

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





0.27

0.26

0.25

3-Year Risk Metrics

0.25

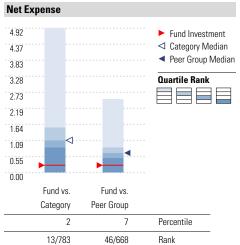
Expense Ratio

0.28

0.28

0.29

0.29



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

	Fund	Bmark	Cat
Alpha	1.66	-	0.04
Beta	0.95	-	1.01
R-Squared	96.84	-	94.21
Standard Deviation	13.31	13.72	14.31
Sharpe Ratio	0.33	0.21	0.20
Tracking Error	2.45	-	3.33
Information Ratio	0.65	-	-0.02
Up Capture Ratio	102.39	-	100.97
Down Capture Ratio	94.19	-	101.15

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.17	16.24	17.39
Price/Book Ratio	3.25	2.63	3.04
Avg Eff Duration	6.16	6.45	5.29

# American Funds American Balanced R6 RLBGX

Morningstar Category Allocation--50% to 70%

Equity

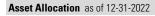
Morningstar Index

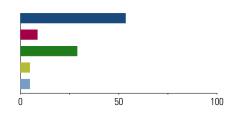
Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™







Total	100.00	100.00
Other	4.64	3.51
Cash	4.63	6.22
Bonds	28.76	34.07
Non-US Stocks	8.55	9.75
US Stocks	53.42	46.45
Asset Class	Net %	Cat%

Sty	le	Breakdow	/n
_			





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

Fixed Ir	come		Quality H: gh
			h Mid
			Low
Ltd Duratio	Mod	Ext	J

		Fund	Bmark	Cat	Fund	ļ <b>7</b>	Bench	mark	Categ	jory Ave	erage	_	
Ն	Cyclical	27.33	32.81	31.62									
A.	Basic Materials	3.91	3.99	3.72									
<b>A</b>	Consumer Cyclical	8.68	10.16	10.21			<b>–</b> [						
ê	Financial Services	11.67	15.27	15.09				ľ					
æ	Real Estate	3.07	3.39	2.60		ľ							_
M	Sensitive	40.23	42.44	42.48									
	Communication Services	5.84	6.46	6.62									
ð	Energy	8.43	5.34	5.50									
Ф	Industrials	9.56	10.77	10.59					<u>.</u>				
	Technology	16.40	19.87	19.77					ď	<u>:</u>			
<b>→</b>	Defensive	32.44	24.73	25.91									
=	Consumer Defensive	11.78	7.41	7.08			<b>'</b>						
٠	Healthcare	18.66	14.20	15.59									
•	Utilities	2.00	3.12	3.24		i							

<b>Top 10 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	_	7.80	7.80	_	_
⊖ Cap Grp Cent Fd Ser Ii	_	4.53	12.33	_	-
	-	3.34	15.67	-27.94	Technology
🕸 Cash And Other Assets Less Liablities	-	3.30	18.98	_	-
⊕ Broadcom Inc	-	2.74	21.71	-13.43	Technology
─ UnitedHealth Group Inc	_	2.54	24.25	6.86	Healthcare
→ Philip Morris International Inc	-	2.14	26.40	11.84	Consumer Defensive
→ Pfizer Inc	-	1.67	28.07	-10.52	Healthcare
⊕ The Home Depot Inc	_	1.50	29.57	-22.06	Consumer Cyclical
⊕ JPMorgan Chase & Co	_	1.30	30.87	-12.79	Financial Services

# **Total Holdings 2176**

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category Global Large-Stock Blend

Morningstar Index MSCI ACWI NR USD

## Portfolio Manager(s)

Sung Lee since 02-2006 Alfonso Barroso since 02-2007 Michael Cohen since 11-2014 Jin Lee since 02-2019 Lara Pellini since 02-2019 Leo Hee since 10-2019 Jeremy Burge since 01-2020 Renaud Samyn since 02-2020

## **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 16.92 years.

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

Net Expense: The fund's expense ratio of 0.42 is 57.58% lower than the Global Large-Stock Blend category

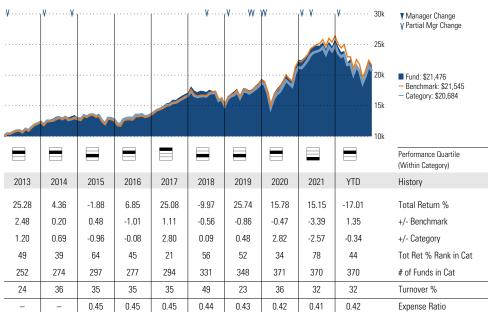
### **Morningstar Investment Management LLC Analysis**

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.

## **FSG Metrics**

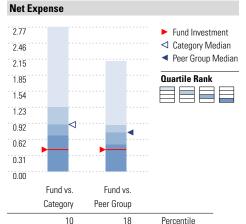
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	05-18-2022

# Growth of \$10,000



# **Trailing Performance**





	37/395	53/297	Rank			
Peer grou	p is a subset of	the category ar	nd includes fun	ds with the		
same management style (active vs. passive) and similar share class						
character	ietice					

#### 3-Year Risk Metrics Fund **Bmark** Cat Alpha -0.44 0.08 Beta 0.97 0.97 97.37 R-Squared 94.06 Standard Deviation 19 70 20 14 20 17 Sharpe Ratio 0.22 0.25 0.24 Tracking Error 3 27 4.85 Information Ratio -0.18 -0.02 Up Capture Ratio 96.62 98.24 98.32 98.49 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.03	15.37	16.22
Price/Book Ratio	2.83	2.37	2.51
Geom Avg Mkt Cap \$B	88.68	87.09	70.43
ROE	25.67	25.56	24.69



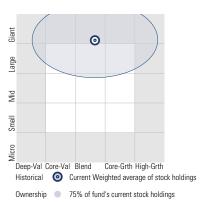
# American Funds Capital World Gr&Inc R6 RWIGX

# Morningstar Category Global Large-Stock Blend MS

### Morningstar Index MSCI ACWI NR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

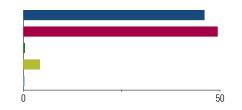
. ,			
23	34	31	Laige
3	6	3	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.20	1.77
Cash	4.14	1.97
Bonds	0.32	1.65
Non-US Stocks	49.35	38.12
US Stocks	46.01	56.49
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	d t	Bench	nmark	Cateo	jory Ave	erage	_		
<b>Դ</b>	Cyclical	31.28	34.06	32.13										
à.	Basic Materials	7.43	4.82	5.18			ı							
<b>£</b>	Consumer Cyclical	8.86	10.06	10.14				į						
9	Financial Services	13.95	16.40	14.09				<b>=</b> [ '						
b	Real Estate	1.04	2.78	2.72										
M	Sensitive	40.94	41.45	41.29										
	Communication Services	5.18	6.94	5.83										
	Energy	6.61	5.61	5.17										
<b>Ģ</b>	Industrials	12.69	10.27	14.55		1								
3	Technology	16.46	18.63	15.74					*					
<b>→</b>	Defensive	27.78	24.48	26.56										
Ę	Consumer Defensive	8.70	7.90	8.39			<b>[</b> ]							
1	Healthcare	15.94	13.46	13.38			- :							
•	Utilities	3.14	3.12	4.79										
					0%	5	10	15	20	25	30	35	40	

# World Regions % Equity 12-31-2022



Greater Asia	Fund % 18.25	Cat % 13.25
Japan	6.19	5.32
Australasia	1.97	1.21
Asia-4 Tigers	4.59	3.49
Asia-ex 4 Tigers	5.50	3.23
Not Classified	0.00	0.00

Americas	Fund % 56.46	Cat % 63.73	Greater Europe	Fund % 25.29	Cat % 23.01	Market Maturity	Fund %
North America	53.01	62.94	United Kingdom	6.07	6.10	Developed Markets	91.05
Central/Latin	3.45	0.79	W euro-ex UK	19.07	16.48	Emerging Markets	8.95
			Emrgng Europe	0.00	0.03	Not Available	0.00
			Africa	0.15	0.40		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Broadcom Inc	2.96	2.96	-13.43	Technology
	2.79	5.75	-27.94	Technology
─ UnitedHealth Group Inc	2.30	8.05	6.86	Healthcare
○ Capital Group Central Cash Fund	2.19	10.24	_	-
Taiwan Semiconductor Manufacturing Co Ltd	2.03	12.27	-25.28	Technology
⊕ Philip Morris International Inc	1.82	14.09	11.84	Consumer Defensive
⊕ LVMH Moet Hennessy Louis Vuitton SE	1.71	15.80	-4.83	Consumer Cyclical
	1.57	17.38	23.73	Basic Materials
Abbott Laboratories	1.54	18.91	-20.66	Healthcare
⊖ ASML Holding NV	1.52	20.43	-28.16	Technology

# Total Holdings 357

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

# 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

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

# Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 23.56 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three years.
- ◆ Net Expense: The fund's expense ratio of 0.57 is

  50.43% lower than the Diversified Emerging Mkts category
  average.

## **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

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







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 montos			
	Fund	Bmark	Cat
Alpha	3.65	_	0.18
Beta	0.90	_	1.00
R-Squared	82.26	_	88.98
Standard Deviation	20.37	20.55	21.86
Sharpe Ratio	0.11	-0.07	-0.06
Tracking Error	8.83	_	7.01
Information Ratio	0.42	_	-0.06
Up Capture Ratio	102.25	_	102.04
Down Capture Ratio	88.61	_	102.20

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

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# American Funds New World R6 RNWGX

#### Morningstar Index **Morningstar Category** Diversified Emerging Mkts MSCI EM NR USD

100.00

100.00

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

. ,			
14	31	41	Large
3	5	6	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50



Total

100

		Fund	Bmark	Cat	Fund	▼ Ben	chmark	: [] Ca	ategory	Avera	ge		_	
b	Cyclical	40.45	46.30	45.30										
4	Basic Materials	9.44	8.87	6.83		ď								
<b>P</b>	Consumer Cyclical	12.52	13.30	14.15			ı <u>"</u> []							
ê	Financial Services	16.73	22.17	22.56										
b	Real Estate	1.76	1.96	1.76										
NF	Sensitive	35.96	40.06	40.12								į		
	Communication Services	5.02	10.43	8.52										
•	Energy	5.22	5.05	5.06										
<b>‡</b>	Industrials	10.77	5.87	6.10										
1	Technology	14.95	18.71	20.44				•						
+	Defensive	23.60	13.65	14.57										
Ę	Consumer Defensive	6.85	6.29	7.69										
1	Healthcare	14.54	4.38	5.06										
?	Utilities	2.21	2.98	1.82										

# World Regions % Equity 12-31-2022



Greater Asia	Fund % 39.06	Cat % 74.74
Japan	2.68	0.09
Australasia	0.68	0.05
Asia-4 Tigers	7.33	24.78
Asia-ex 4 Tigers	28.37	49.82
Not Classified	0.00	0.00

Americas	Fund % 36.28	Cat % 14.72	Greater Europe	Fund % 24.67	Cat % 10.53	Market Maturity	Fund %
North America	27.26	3.11	United Kingdom	2.75	0.66	Developed Markets	60.61
Central/Latin	9.02	11.61	W euro-ex UK	19.48	1.79	Emerging Markets	39.39
			Emrgng Europe	0.24	1.33	Not Available	0.00
			Africa	2.20	6.75		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	5.06	5.06		_
	2.68	7.74	-27.94	Technology
⊕ Novo Nordisk A/S Class B	2.06	9.79	29.55	Healthcare
Kotak Mahindra Bank Ltd	2.02	11.81	1.73	Financial Services
Reliance Industries Ltd	1.92	13.73	7.86	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.78	15.51	-25.28	Technology
AIA Group Ltd	1.52	17.04	17.53	Financial Services
Airbus SE	1.43	18.47	0.80	Industrials
○ LVMH Moet Hennessy Louis Vuitton SE	1.38	19.85	-4.83	Consumer Cyclical
⊕ Thermo Fisher Scientific Inc	1.30	21.15	-17.29	Healthcare

# **Total Holdings 577**

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



# **Baird Aggregate Bond Inst** BAGIX

### Morningstar Category Intermediate Core Bond

## Morningstar Index

Bloomberg US Agg Bond TR USD

# Portfolio Manager(s)

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

## **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

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

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

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

### **ESG Metrics**

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

## Growth of \$10,000



# **Trailing Performance**



Net Expe	ense		
4.62			► Fund Investment
4.11			Category Median
3.59			<ul> <li>Peer Group Median</li> </ul>
3.08			Quartile Rank
2.57			
2.05			
1.54			
1.03	⊲		
0.51		····	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	25	35	Percentile
	124/503	145/417	Rank

3-Year hisk wietrics			
	Fund	Bmark	Cat
Alpha	0.38	_	0.03
Beta	1.05	_	1.00
R-Squared	96.52	_	92.92
Standard Deviation	6.23	5.85	6.12
Sharpe Ratio	-0.51	-0.58	-0.56
Tracking Error	1.19	-	1.54
Information Ratio	0.20	-	-0.09
Up Capture Ratio	112.62	-	104.58
Down Capture Ratio	106.03	_	103.15

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



# **Baird Aggregate Bond Inst** BAGIX

Style Analysis as of 12-31-2022



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

#### Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 0.10 0.00 Non-US Stocks 0.02 0.00 Bonds 98.68 95.92 Cash 1.33 2.10 Other 0.00 1.87 50 100 Total 100.00 100.00

**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

		ъ .	0 .		-		. По				
	Fund	Bmark	Cat	Fund	, t	Benchma	ark [] Ca	ategory /	Average		
Government	25.92	-	30.92			:	- :	:			
Treasury	25.90	-	25.72								
Inflation – Protected	0.00	-	1.34								
Agency/Quasi Agency	0.02	-	1.10	[ ]							
Other Government Related	0.00	_	2.76								
Corporate	39.80	_	25.82								
Corporate Bond	39.80	-	25.72								
Bank Loan	0.00	-	0.06								
Convertible	0.00	-	0.01								
Preferred	0.00	_	0.03								
Securitized	31.65	_	33.07								
Agency MBS Pass-Through	25.00	-	23.32								
Agency MBS ARM	0.00	_	0.33								
Agency MBS CMO	0.01	_	2.14								
Non-Agency Residential MBS	0.41	_	0.28								
Commercial MBS	0.00	_	0.67								
Asset-Backed	6.23	_	6.33								
Covered Bond	0.00	_	0.00								
Municipal	1.17	_	0.80	10							
Cash & Equivalents	1.47	-	6.78								
Other	0.00	_	2.62	i [							

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

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Total Holdings 1584



# Eaton Vance Income Fund of Boston R6 EIBRX

## Morningstar Category High Yield Bond

# Morningstar Index

# ICE BofA US High Yield TR USD

## Portfolio Manager(s)

Stephen Concannon since 11-2014 Jeffrey Mueller since 06-2019 Kelley Baccei Gerrity since 06-2019

### **Quantitative Screens**

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

Management: The fund's management has been in place for 8.16 years.

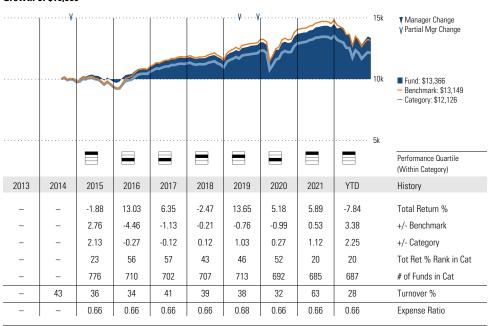
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.66 is 25.84% lower than the High Yield Bond category average.

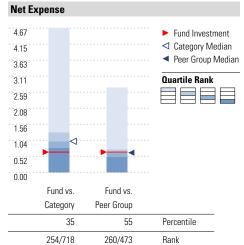
### **Morningstar Investment Management LLC Analysis**

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 Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.03	-	-0.09
Beta	0.91	-	0.94
R-Squared	98.65	-	94.99
Standard Deviation	10.30	11.25	10.89
Sharpe Ratio	0.05	-0.04	-0.04
Tracking Error	1.58	-	2.51
Information Ratio	0.70	-	-0.11
Up Capture Ratio	93.76	-	92.06
Down Capture Ratio	85.62	_	93.01

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.16	-	3.39
Avg Eff Maturity	5.48	-	4.98



Duration

# Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar CategoryMorningstar IndexHigh Yield BondICE BofA US High Yield TR USD

Style Anal	ysis a	s of 12-31-2022
Style Breakd	lown	
Fixed Income		Quality
		High
		Mid
		Low
Itd Mod	Fxt	J

0	<u>.</u> 50	100

Asset Allocation as of 12-31-2022

Total	100.00	100.00
Other	1.61	3.83
Cash	2.85	1.76
Bonds	94.14	93.67
Non-US Stocks	0.34	0.01
US Stocks	1.06	0.73
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	2.58
AA	0.00	_	0.16
A	0.00	_	0.28
BBB	5.76	_	5.54
BB	43.04	_	38.26
В	37.37	_	37.21
Below B	10.65	_	12.21
Not Rated	3.19	-	3.75

			_			По			
	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Categ	ory Averaç	je	
Government	0.00	-	2.13	10					
Treasury	0.00	-	0.74	0					
Inflation – Protected	0.00	_	0.00						
Agency/Quasi Agency	0.00	_	0.10						
Other Government Related	0.00	_	1.29	10					
Corporate	97.09	-	90.06						
Corporate Bond	92.27	_	83.01						
Bank Loan	3.68	_	6.41						
Convertible	0.32	_	0.52						
Preferred	0.82	_	0.12	D					
Securitized	0.00	-	1.25	1					
Agency MBS Pass-Through	0.00	_	0.03						
Agency MBS ARM	0.00	_	0.00						
Agency MBS CMO	0.00	_	0.04						
Non-Agency Residential MBS	0.00	-	0.05						
Commercial MBS	0.00	_	0.09						
Asset-Backed	0.00	_	1.04						
Covered Bond	0.00	_	0.00	ĺ					
Municipal	0.00	-	0.03						
Cash & Equivalents	2.91	_	4.79						
Other	0.00	_	1.73	10					

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

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

Name Maturity Date % Net Asset Cumulative % Fixed Income Sector

## Total Holdings 0

⊕ Increase ⊖ Decrease 🛪 New to Portfolio



# MFS Growth R6 MFEKX

## Portfolio Manager(s)

Eric Fischman since 04-2002 Paul Gordon since 07-2017 Bradford Mak since 06-2021

### **Quantitative Screens**

- Performance: The fund has finished in the Large Growth category's top three quartiles in 10 of the 10 years it's been in existence
- Management: The fund's management has been in place for 20.76 years.
- Style: The fund has landed in its primary style box Large Growth 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.49 is 48.96% 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**

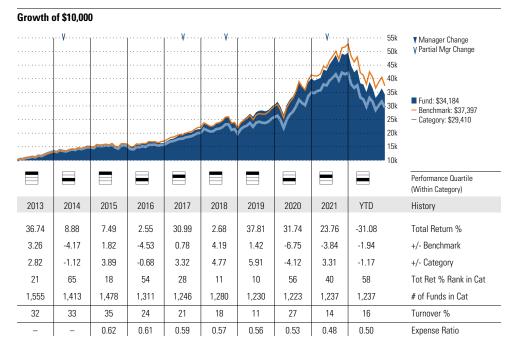
Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

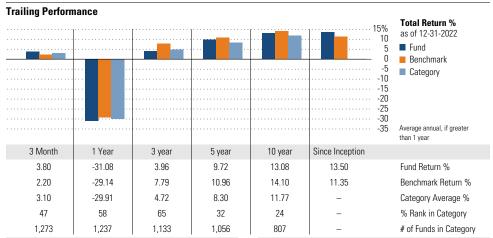
# Morningstar Category

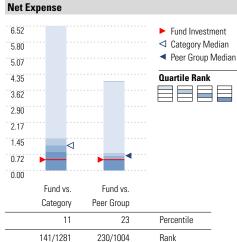
Large Growth

Morningstar Index

Russell 1000 Growth TR USD

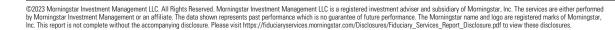






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-3.21	_	-2.73
Beta	0.93	_	0.97
R-Squared	97.94	_	93.03
Standard Deviation	22.34	23.80	24.00
Sharpe Ratio	0.24	0.39	0.27
Tracking Error	3.62	_	6.26
Information Ratio	-1.06	_	-0.62
Up Capture Ratio	88.74	_	89.56
Down Capture Ratio	98.04	_	97.48

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	28.82	24.23	23.83
Price/Book Ratio	6.45	8.23	6.53
Geom Avg Mkt Cap \$B	201.36	222.04	263.75
ROE	33.67	41.41	37.70

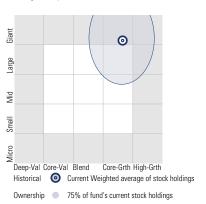




# MFS Growth R6 MFEKX

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

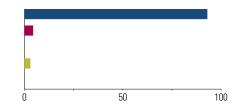
71	6	0
16	7	0
0	0	0

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	0.80
Cash	2.83	1.70
Bonds	0.00	0.02
Non-US Stocks	4.27	4.43
US Stocks	92.90	93.06
Asset Class	Net %	Cat%

Morningstar Index

Russell 1000 Growth TR USD

**Morningstar Category** 

Large Growth

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
Դ	Cyclical	31.86	23.90	28.54	
A	Basic Materials	5.60	1.27	1.48	
A	Consumer Cyclical	9.50	13.83	15.14	
<b>P</b>	Financial Services	14.25	7.14	10.27	
命	Real Estate	2.51	1.66	1.65	
W	Sensitive	47.54	55.91	50.56	
d	Communication Services	8.55	6.69	8.92	
•	Energy	1.41	1.71	2.20	
Ф	Industrials	7.00	8.50	6.49	
	Technology	30.58	39.01	32.95	
<b>→</b>	Defensive	20.60	20.18	20.90	
Ħ	Consumer Defensive	3.19	6.72	4.26	
+	Healthcare	17.41	13.40	16.09	
•	Utilities	0.00	0.06	0.55	
					0% 5 10 15 20 25 30 35 40 45 50 55 60

<b>Top 0 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

# Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio

# MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

# Portfolio Manager(s)

Edward (ted) Maloney since 04-2012 Alison O'Neill since 05-2018 Jude Jason since 06-2021

### **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 10.76 years.

Net Expense: The fund's expense ratio of 0.37 is 51.95% lower than the Large Blend category average.

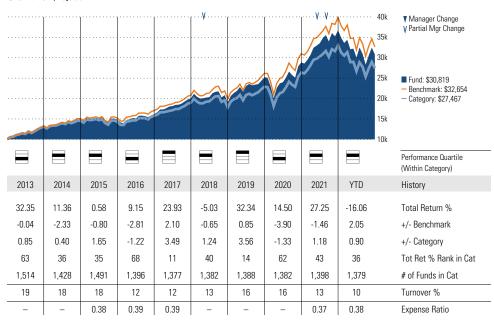
## **Morningstar Investment Management LLC Analysis**

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

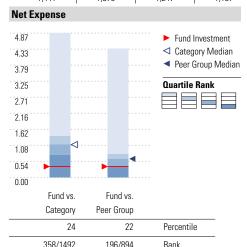
### **ESG Metrics**

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

## Growth of \$10,000

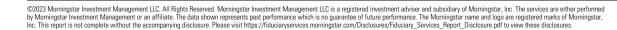






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.37	_	-0.68
Beta	0.95	_	0.96
R-Squared	98.33	_	95.98
Standard Deviation	20.25	21.16	20.73
Sharpe Ratio	0.39	0.41	0.36
Tracking Error	2.83	_	3.95
Information Ratio	-0.25	_	-0.83
Up Capture Ratio	95.62	_	94.55
Down Capture Ratio	97.12	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.81	19.03	18.29
Price/Book Ratio	3.64	3.59	4.14
Geom Avg Mkt Cap \$B	131.12	161.22	211.02
ROE	27.75	31.17	36.63





# MFS Massachusetts Investors Tr R6 MITJX

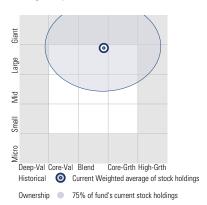
**Morningstar Category** Large Blend

Morningstar Index

S&P 500 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

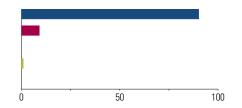
15	25	42	Large
1	13	2	MIG
0	1	0	Small

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	0.85	0.45
Bonds	0.00	0.84
Non-US Stocks	9.03	2.81
US Stocks	90.12	94.79
Asset Class	Net %	Cat%

360	ctor Weighting as of 12-3													
		Fund	Bmark	Cat	Fund	b	<ul> <li>Bench</li> </ul>	nmark	Cate	jory Ave	erage			
Դ	Cyclical	28.54	28.72	29.35										
A.	Basic Materials	2.75	2.46	2.84			į							
A	Consumer Cyclical	6.76	9.56	9.83			ĺ							
<del>,</del>	Financial Services	15.55	13.89	14.27										
<b>fi</b>	Real Estate	3.48	2.81	2.41										
W	Sensitive	42.45	44.59	44.38										
	Communication Services	9.02	7.28	7.09			[=							
ð	Energy	3.09	5.23	4.38										
Ф	Industrials	9.25	9.06	10.44										
	Technology	21.09	23.02	22.47						]				
<b>→</b>	Defensive	29.02	26.69	26.28										
=	Consumer Defensive	9.24	7.61	7.43			()==							
+	Healthcare	18.76	15.90	16.05										
•	Utilities	1.02	3.18	2.80		]								
					0%	5	10	15	20	25	30	35	40	4

<b>Top 0 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

# Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

# Portfolio Manager(s)

Eric Fischman since 11-2008 Paul Gordon since 05-2011 Eric Braz since 06-2021

### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.12 years.

Net Expense: The fund's expense ratio of 0.66 is 35.29% lower than the Mid-Cap Growth category average.

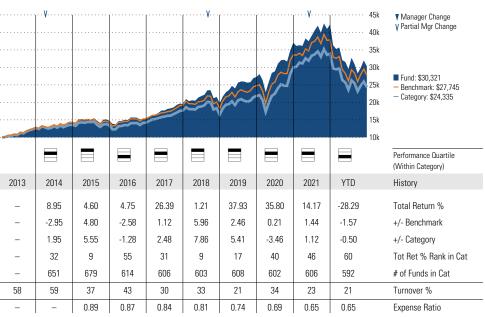
### **Morningstar Investment Management LLC Analysis**

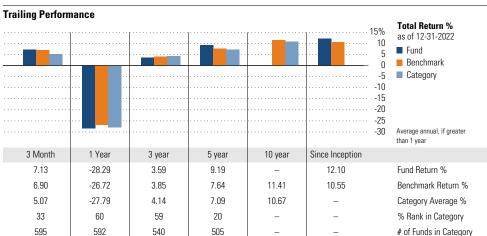
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

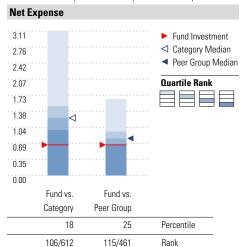
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	5	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

# Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.02	_	0.30
Beta	0.90	_	0.98
R-Squared	94.69	_	91.63
Standard Deviation	23.07	24.87	25.73
Sharpe Ratio	0.23	0.24	0.24
Tracking Error	5.84	_	7.31
Information Ratio	-0.04	_	-0.10
Up Capture Ratio	95.54	_	99.65
Down Capture Ratio	96.03	_	99.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.28	22.87	25.56
Price/Book Ratio	4.77	5.66	4.02
Geom Avg Mkt Cap \$B	20.71	19.63	16.01
ROE	23.94	28.34	19.80



# MFS Mid Cap Growth R6 OTCKX

# 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

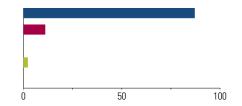
0	6	22	Large
2	27	37	Mid
0	5	1	Small

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	0.44
Cash	2.06	2.48
Bonds	0.00	0.09
Non-US Stocks	10.93	3.72
US Stocks	87.01	93.28
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchmai	rk [	Categ	ory Av	erage		
وا	Cyclical	34.43	27.21	28.68									
à.	Basic Materials	2.50	2.81	2.25									
	Consumer Cyclical	16.58	16.33	13.13		•							
<u></u>	Financial Services	10.84	5.91	9.97									
à	Real Estate	4.51	2.16	3.33									
Ųľ	Sensitive	45.64	52.02	47.54									
	Communication Services	2.92	3.33	2.83									
)	Energy	2.75	5.11	3.28									
)	Industrials	18.06	16.44	15.10					_				
3	Technology	21.91	27.14	26.33									
+	Defensive	19.92	20.77	23.76									
Ţ	Consumer Defensive	1.02	3.30	2.88									
r	Healthcare	18.90	17.13	20.17				<b>[</b> ]					
1	Utilities	0.00	0.34	0.71	i								

### 

## Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio

# PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

# Portfolio Manager(s)

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

### **Quantitative Screens**

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

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

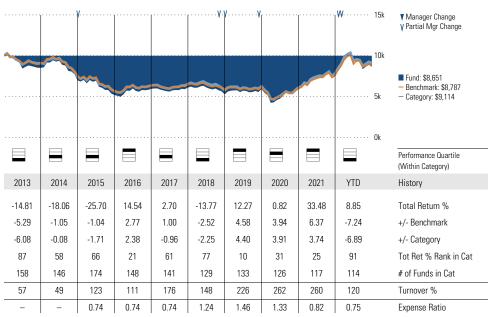
# **Morningstar Investment Management LLC Analysis**

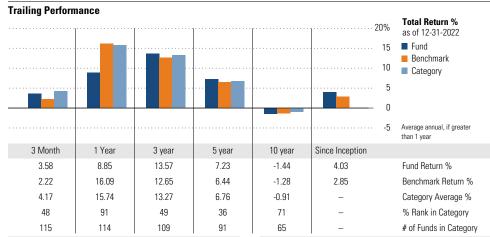
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

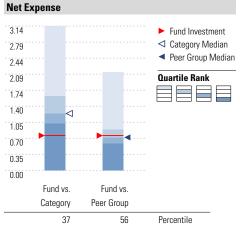
### **ESG Metrics**

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

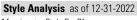
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	7.93
Price/Book Ratio	1.51	_	1.87
Geom Avg Mkt Cap \$B	20.09	_	44.07
ROE	16.78	-	27.17



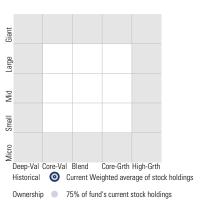
44/118

# PIMCO Commodity Real Ret Strat Instl PCRIX

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



Morningstar Style Box™



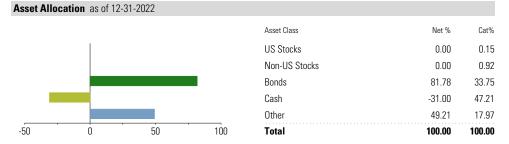


Equity



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** 

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# PIMCO Income Instl PIMIX

## Portfolio Manager(s)

Daniel Ivascyn since 03-2007 Alfred Murata since 03-2013 Joshua Anderson since 07-2018

### **Quantitative Screens**

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

Management: The fund's management has been in place for 15.77 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is 47.96% lower than the Multisector Bond category average.

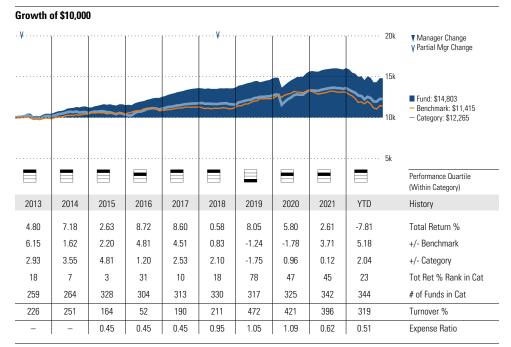
## **Morningstar Investment Management LLC Analysis**

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.

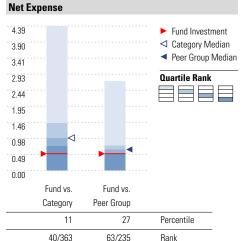
# Morningstar Category Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.50	-	1.72
Beta	0.92	-	0.99
R-Squared	56.11	-	48.49
Standard Deviation	7.35	5.98	9.02
Sharpe Ratio	-0.08	-0.54	-0.16
Tracking Error	4.89	_	6.72
Information Ratio	0.52	_	0.28
Up Capture Ratio	104.42	_	109.62
Down Capture Ratio	75.32	_	91.61

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.04
Avg Eff Maturity	5.90	7.69	7.62



# PIMCO Income Insti PIMIX

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

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	48.99	67.64	21.99
AA	4.79	3.23	3.50
A	4.16	10.03	8.36
BBB	14.85	10.89	22.10
BB	14.13	3.19	18.54
В	4.43	3.64	12.52
Below B	8.66	1.38	4.17
Not Rated	0.00	0.00	8.81

#### **Morningstar Category** Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 1.15 1.19 Non-US Stocks 0.36 0.12 Bonds 129.67 92.17 Cash -31.68 5.44 Other 0.52 1.07 -50 Ó 50 100 150 Total 100.00 100.00

**Morningstar Index** 

Sector Weighting as of 12-3	31-2022											
	Fund	Bmark	Cat	Fund	•	Benchmark	Categ	jory Averaç	je			
Government	27.36	_	23.80									
Treasury	3.37	_	8.85									
Inflation – Protected	1.48	-	0.44	()								
Agency/Quasi Agency	0.18	_	0.82	1[]								
Other Government Related	22.33	_	13.69									
Corporate	5.98	_	40.90								į []	
Corporate Bond	4.47	_	36.75									
Bank Loan	1.18	_	2.65									
Convertible	0.04	_	0.83	[]								
Preferred	0.29	_	0.67	1								
Securitized	14.33	_	20.80									
Agency MBS Pass-Through	2.28	_	4.65									
Agency MBS ARM	0.00	_	0.01									
Agency MBS CMO	0.25	_	0.31									
Non-Agency Residential MBS	3.61	_	0.88		H							
Commercial MBS	0.02	_	2.33									
Asset-Backed	8.17	_	12.61									
Covered Bond	0.00	_	0.01									
Municipal	0.03	_	0.36									
Cash & Equivalents	29.48	_	10.50			0						
Other	22.36	-	3.53									
				0%	5	10 15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Offset: Unsettled Trades	-	29.18	29.18	_
☆ Cash Offset	_	15.55	44.73	_
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Pay	11-2023	14.02	58.75	_
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Receive	11-2023	13.58	72.32	_
→ 10 Year Treasury Note Future Mar 23	03-2023	9.32	81.64	-
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Pay	03-2029	9.16	90.80	_
	12-2024	9.14	99.94	_
□ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	9.12	109.07	_
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Receive	03-2029	9.04	118.10	_
☐ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.45	126.55	_

Total Holdings 7956

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# 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.

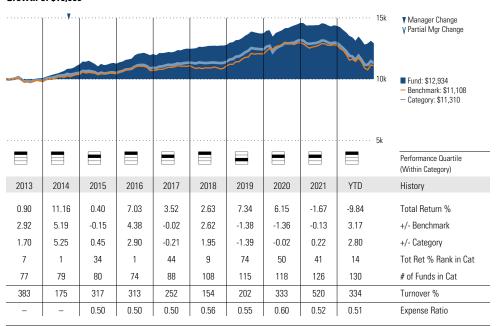
### **Morningstar Investment Management LLC Analysis**

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.

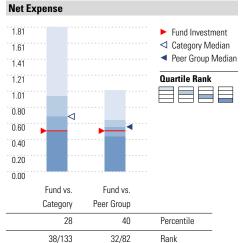
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

## Growth of \$10,000







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

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

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Vanguard 500 Index Admiral VFIAX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

## Portfolio Manager(s)

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

### Quantitative Screens

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

## **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

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

## 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

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

### Portfolio Manager(s)

John Madziyire since 11-2021

### **Quantitative Screens**

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.

23/167

Rank

3-Year KISK IVIETRICS			
	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			
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			
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

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Vanguard International Growth Adm VWILX

**Morningstar Category** Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

## Portfolio Manager(s)

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

## **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 13.02 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.

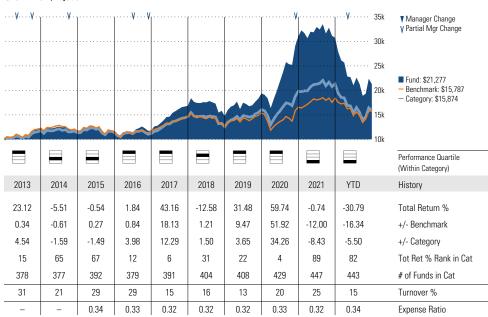
## **Morningstar Investment Management LLC Analysis**

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

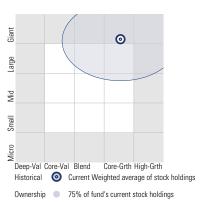
# Vanguard International Growth Adm VWILX

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

# Morningstar Index

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

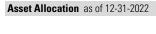
Equity

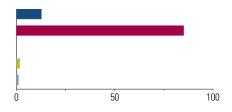
_qu.tj			
9	28	46	Large
3	7	8	Mid
0	0	0	Small

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									
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

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



# Vanguard International Value Inv VTRIX

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

# Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.6 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		•								
Ф	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										
٠	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

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 16.38 years.

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

Net Expense: The fund's expense ratio of 0.07 is 92.86% lower than the Mid-Cap Value category average.

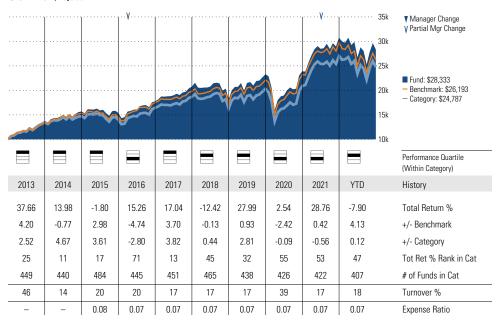
# **Morningstar Investment Management LLC Analysis**

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.

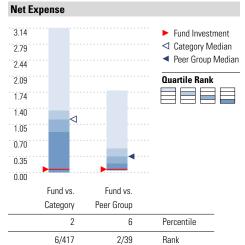
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
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 3 year 10 year Since Inception 5 year Fund Return % 12.11 -7.90 6.74 6.39 10.98 12.03 10.45 -12.03 5.82 5.72 10.11 11.21 Benchmark Return % 11.81 -8 N2 6.82 5 96 9 58 Category Average % 46 47 50 40 13 % Rank in Category 416 407 395 374 274 # 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	0.98	_	0.86
Beta	0.96	_	0.99
R-Squared	99.20	_	95.83
Standard Deviation	24.01	24.79	25.07
Sharpe Ratio	0.36	0.32	0.35
Tracking Error	2.32	_	5.36
Information Ratio	0.39	_	0.13
Up Capture Ratio	97.60	_	98.80
Down Capture Ratio	94.49	_	96.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.43	13.97	12.92
Price/Book Ratio	2.15	2.06	1.88
Geom Avg Mkt Cap \$B	21.77	16.01	12.31
ROE	19.85	15.78	17.41

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# Vanguard Mid-Cap Value Index Admiral VMVAX

# 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

3	5	2	Large
39	47	3	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.40
Cash	0.41	2.42
Bonds	0.00	0.01
Non-US Stocks	1.63	6.46
US Stocks	97.96	90.71
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmar	k [] C	ategory	Avera	ge		
b	Cyclical	43.78	45.64	42.06										
ů.	Basic Materials	5.46	6.13	5.40										
4	Consumer Cyclical	8.42	10.44	11.17			<b>–</b> []							
<u></u>	Financial Services	19.07	17.74	19.04										
b	Real Estate	10.83	11.33	6.45										
NI	Sensitive	27.26	33.31	34.28								0		
	Communication Services	2.53	3.29	3.07										
9	Energy	4.62	5.54	6.21										
\$	Industrials	13.10	14.82	16.35										
3	Technology	7.01	9.66	8.65										
+	Defensive	28.95	21.05	23.65										
Ę	Consumer Defensive	6.87	4.43	6.57										
1	Healthcare	8.50	7.55	10.58										
?	Utilities	13.58	9.07	6.50			٧.							

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Centene Corp	1.48	1.48	-0.47	Healthcare
○ Corteva Inc	1.35	2.83	25.55	Basic Materials
	1.27	4.10	12.32	Financial Services
○ Carrier Global Corp Ordinary Shares	1.10	5.20	-22.78	Industrials
⇒ PG&E Corp	1.09	6.29	33.94	Utilities
○ Consolidated Edison Inc	1.08	7.36	15.41	Utilities
⇒ Nucor Corp	1.08	8.44	17.23	Basic Materials
→ Ameriprise Financial Inc	1.06	9.50	4.84	Financial Services
→ VICI Properties Inc Ordinary Shares	1.03	10.53	12.59	Real Estate
→ PACCAR Inc	0.99	11.52	16.88	Industrials
⊖ Keysight Technologies Inc	0.97	12.49	-17.16	Technology
→ Dollar Tree Inc	0.95	13.44	0.65	Consumer Defensive
⊖ Rockwell Automation Inc	0.94	14.39	-24.86	Industrials
→ WEC Energy Group Inc	0.94	15.33	-0.41	Utilities
∃ Baker Hughes Co Class A	0.94	16.27	25.77	Energy

**Total Holdings 198** 

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996 Walter Nejman since 05-2016

### Quantitative Screens

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

Management: The fund's management has been in place for 26.65 years.

Net Expense: The fund's expense ratio of 0.12 is 88.35% lower than the Real Estate category average.

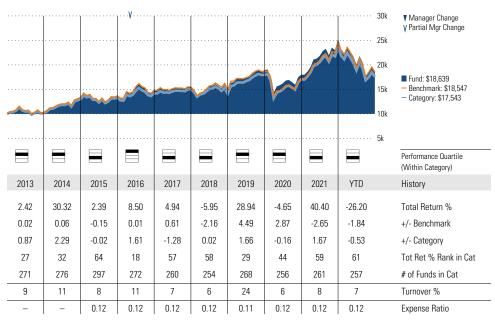
## **Morningstar Investment Management LLC Analysis**

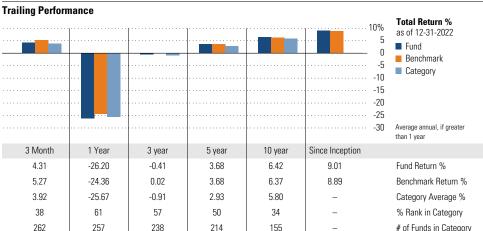
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

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

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.52	_	-0.42
Beta	0.96	_	0.94
R-Squared	98.63	_	93.47
Standard Deviation	22.84	23.61	22.85
Sharpe Ratio	0.06	0.08	0.07
Tracking Error	2.82	_	5.57
Information Ratio	-0.15	_	-0.09
Up Capture Ratio	97.54	_	94.53
Down Capture Ratio	98.93	_	96.18

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.95	38.46	23.21
Price/Book Ratio	2.22	2.42	2.12
Geom Avg Mkt Cap \$B	20.24	9.35	24.92
ROE	17.96	9.56	17.43





# Vanguard Real Estate Index Admiral VGSLX

# 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

-quit,			
3	8	25	raige
7	33	9	MIN
4	9	3	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	11.73
Cash	0.78	0.79
Bonds	0.00	3.52
Non-US Stocks	0.03	1.58
US Stocks	99.19	82.38
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
÷	Cyclical	99.37	99.13	99.22			
è.	Basic Materials	0.00	0.00	0.10			
<b>-</b>	Consumer Cyclical	0.00	0.13	0.91			
٥	Financial Services	0.03	0.00	0.22			
ŧ	Real Estate	99.34	99.00	97.99			
M	Sensitive	0.62	0.87	0.74	(		
	Communication Services	0.57	0.00	0.20			
	Energy	0.00	0.00	0.04			
<b>\$</b>	Industrials	0.00	0.87	0.30	ľ		
	Technology	0.05	0.00	0.20			
<b>→</b>	Defensive	0.00	0.00	0.05			
=	Consumer Defensive	0.00	0.00	0.00			
٠	Healthcare	0.00	0.00	0.00			
?	Utilities	0.00	0.00	0.05			

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Real Estate II Index	12.14	12.14	_	_
⊖ Prologis Inc	7.35	19.48	-31.17	Real Estate
	6.96	26.45	-25.57	Real Estate
⊖ Equinix Inc	4.21	30.66	-21.09	Real Estate
○ Crown Castle Inc	4.15	34.81	-32.16	Real Estate
<ul><li>─ Public Storage</li></ul>	3.13	37.93	-19.55	Real Estate
	2.77	40.70	-7.25	Real Estate
⊖ Simon Property Group Inc	2.64	43.34	-22.15	Real Estate
	2.13	45.47	-27.21	Real Estate
○ Welltower Inc	2.07	47.54	-20.73	Real Estate
⊕ Digital Realty Trust Inc	1.94	49.47	-40.55	Real Estate
○ VICI Properties Inc Ordinary Shares	1.93	51.40	12.59	Real Estate
⊕ CBRE Group Inc Class A	1.75	53.15	-29.08	Real Estate
	1.62	54.77	-19.45	Real Estate
⊕ AvalonBay Communities Inc	1.59	56.36	-33.54	Real Estate

# **Total Holdings** 171

⊕ 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.

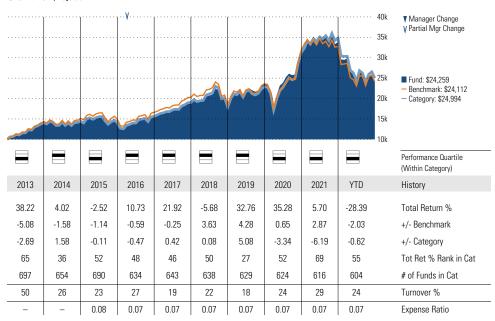
## **Morningstar Investment Management LLC Analysis**

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

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™



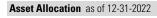
# Style Breakdown

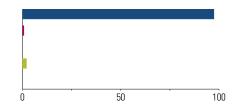
Equity

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** ■ Small Value

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.

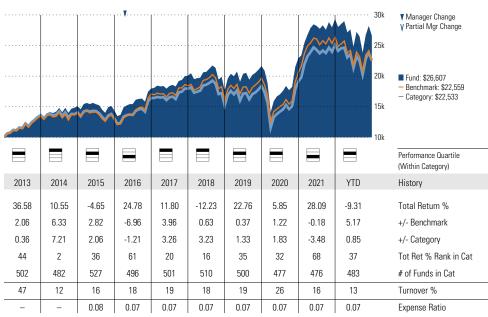
## **Morningstar Investment Management LLC Analysis**

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**

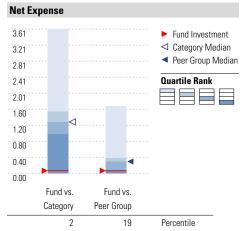
Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000



# **Trailing Performance**





	8/499	9/48	Rank	
Peer group	is a subset of t	he category and	d includes fun	ds with the
same man	agement style (a	active vs. passiv	ve) and simila	r share class
characteris	etice			

3-Year KISK Wietrics			
	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



# 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

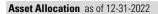
Equity

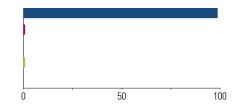
1. /			
0	0	0	Large
17	19	5	MIG
28	27	4	Small

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	Descrip	Cat	Fund	- Do.		a. N	Catao		/erage		
_		Fund	Bmark		runu	v bei	nchmar	к Ц	categ	JULY AV	rerage		
<sub>Մ</sub>	Cyclical	50.02	53.37	51.23			1		1			- 1	
A.	Basic Materials	6.05	3.54	5.91		] [							
A	Consumer Cyclical	12.07	10.46	13.69		-1							
<b>P</b>	Financial Services	21.17	26.33	24.71					[ '				
命	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		· ·	-						
	Technology	6.87	6.55	9.12									
<b>-</b>	Defensive	15.31	19.27	13.13				1					
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.

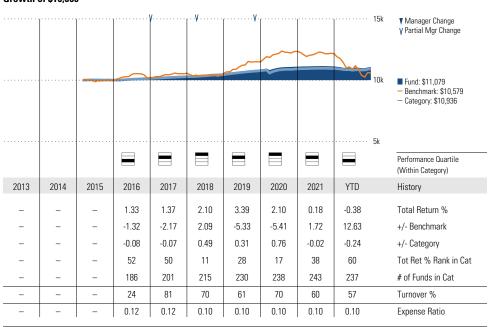
# **Morningstar Investment Management LLC Analysis**

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.

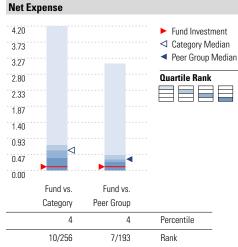
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

## Growth of \$10,000







P	Peer group is a subset of the category and includes funds with the
S	ame management style (active vs. passive) and similar share class
С	haracteristics.

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

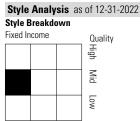
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.96	4.43	0.72
Avg Eff Maturity	0.80	_	3.41



# Vanguard Ultra-Short-Term Bond Admiral VUSFX

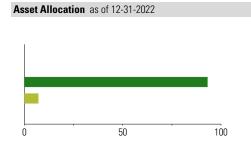
Morningstar Category
Ultrashort Bond

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	ĺ												
Asset-Backed	17.66	_	17.62				(									
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													
Convertible	0.00	-	0.07	Ö												
Bank Loan	0.00	-	0.60													
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	[] Ca	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



# Vanguard Windsor™ II Admiral™ VWNAX

**Morningstar Category** Large Value

Morningstar Index

# Russell 1000 Value TR USD

# Portfolio Manager(s)

George Davis since 12-2003 Andrew Lacey since 01-2007 John Mahedy since 01-2010 Lewis Sanders since 01-2010 Scott McBride since 01-2019 Howard Gleicher since 12-2019 Gregory Padilla since 12-2019 Henry Seiden since 02-2022

## **Quantitative Screens**

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

Management: The fund's management has been in place for 19.07 years.

× Style: The fund has landed in its primary style box — Large Value — 18.18 % of the time over the past three years.

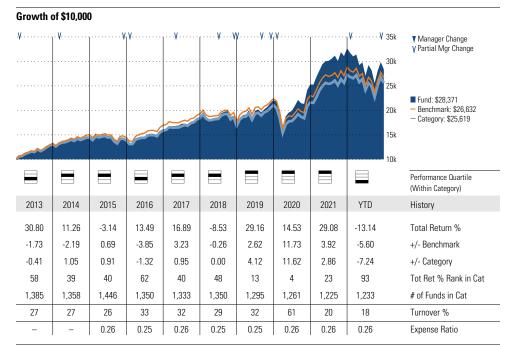
Net Expense: The fund's expense ratio of 0.26 is 71.11% lower than the Large Value category average.

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

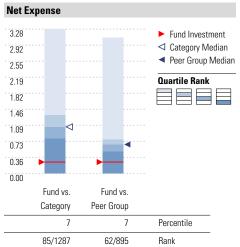
This fund fails our style consistency screen as the fund has drifted into the large-blend portion of the Morningstar Style Box. The drift towards blend is not unexpected as the fund's subadvisor lineup has shifted in recent years to managers that run more core-oriented strategies and lower exposure to deep-value oriented managers. We are not concerned with this screen failure but will continue to monitor the fund's strategy and category assignment.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.56	_	1.13
Beta	1.01	_	0.98
R-Squared	97.74	_	95.78
Standard Deviation	22.09	21.55	21.69
Sharpe Ratio	0.45	0.34	0.38
Tracking Error	3.34	-	4.67
Information Ratio	0.82	-	0.24
Up Capture Ratio	105.49	-	99.43
Down Capture Ratio	96.97	-	95.85

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.93	15.09	13.78
Price/Book Ratio	2.45	2.25	2.38
Geom Avg Mkt Cap \$B	109.58	73.18	109.39
ROE	24.54	18.04	23.75



# Vanguard Windsor™ II Admiral™ VWNAX

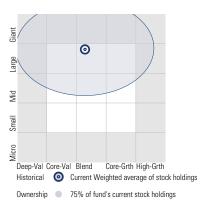
## **Morningstar Category** Large Value

**Morningstar Index** 

Russell 1000 Value TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

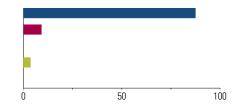
22	35	27	Large
5	9	2	MIG
0	0	0	Small

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	0.62
Cash	3.49	1.83
Bonds	0.00	0.35
Non-US Stocks	9.06	5.57
US Stocks	87.45	91.62
Asset Class	Net %	Cat%

Sect	or Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark ] Category Average
<b>∿</b> c	Cyclical	30.71	34.80	32.99	
<b>.</b> E	Basic Materials	2.49	3.82	3.53	<b>□</b> [
<b>a</b> 0	Consumer Cyclical	7.72	6.00	6.70	
<b>₽</b> F	Financial Services	18.90	20.26	19.65	
n F	Real Estate	1.60	4.72	3.11	
ν″ S	Sensitive	42.75	34.34	36.57	
	Communication Services	6.29	7.37	6.23	
ð E	Energy	6.28	8.46	8.73	
ф II	ndustrials	10.80	10.53	11.13	
<b>□</b> T	Гесhnology	19.38	7.98	10.48	
→ D	Defensive	26.56	30.84	30.45	
<b>=</b> 0	Consumer Defensive	7.81	7.51	8.42	
• F	Healthcare	17.14	17.53	16.92	
🥊 l	Jtilities	1.61	5.80	5.11	<b>–</b> 1' i i i i i i i i i i i i i i i i i i
					0% 5 10 15 20 25 30 35 40

Top 15 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.99	4.99	-27.94	Technology
	3.39	8.38	_	-
⊕ Alphabet Inc Class A	2.29	10.67	-39.09	Communication Svc
⊕ Wells Fargo & Co	1.93	12.60	-11.65	Financial Services
Johnson & Johnson	1.82	14.42	5.86	Healthcare
	1.81	16.23	-5.14	Consumer Defensive
⊖ Honeywell International Inc	1.69	17.92	4.68	Industrials
	1.59	19.51	-22.29	Healthcare
⊕ UnitedHealth Group Inc	1.51	21.02	6.86	Healthcare
Bank of America Corp	1.46	22.48	-23.62	Financial Services
Danaher Corp	1.41	23.89	-19.02	Healthcare
	1.36	25.25	11.77	Healthcare
Coca-Cola Co	1.36	26.61	10.40	Consumer Defensive
General Electric Co	1.33	27.94	-10.97	Industrials
Amazon.com Inc	1.29	29.23	-49.62	Consumer Cyclical

**Total Holdings** 180

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

