# **American Century Inflation Adjs Bond R5** AIANX

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

### Portfolio Manager(s)

Robert Gahagan since 11-2001 James Platz since 09-2007 Miguel Castillo since 02-2014

### **Quantitative Screens**

Performance: The fund has finished in the InflationProtected 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 22.1 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.31 is 50% lower than the Inflation-Protected Bond category average.

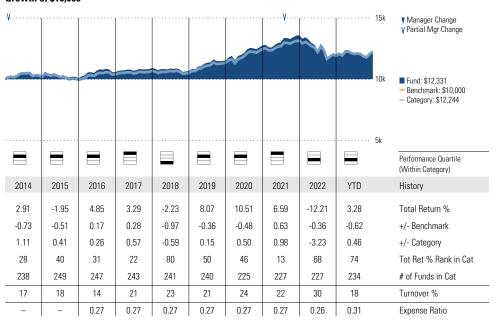
### **Morningstar Investment Management LLC Analysis**

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	11-30-2023

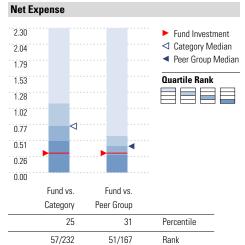
### Growth of \$10,000





214

152



234

221

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 KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	7.34	_	6.62
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	_
Down Capture Ratio	-	_	_

# of Funds in Category

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.17	4.52	6.01
Avg Eff Maturity	6.53	-	6.37



237

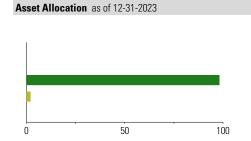
# American Century Inflation Adjs Bond R5 AIANX

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 12-31-2023
Style Breakdown
Fixed Income
Quality





Asset Class	Net %	Cat%
US Stocks	0.00	0.11
Non-US Stocks	0.00	0.00
Bonds	98.05	97.18
Cash	1.95	1.81
Other	0.00	0.91
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	94.80	0.00	31.40
AA	1.16	99.60	66.93
A	1.65	0.00	0.44
BBB	0.31	0.00	0.54
BB	0.00	0.00	0.04
В	0.00	0.00	0.05
Below B	0.00	0.00	0.14
Not Rated	2.08	0.40	0.46

	Fund	Bmark	Cat	Fund	7	Benc	hmark	([	] Ca	iteg	ory A	vera	ge		
Government	93.84	_	90.21												
Freasury	0.00	_	0.25												
nflation – Protected	62.73	_	84.48												
Agency/Quasi Agency	0.00	_	0.08	0											
Other Government Related	31.11	-	5.40												
Corporate	0.69	_	1.15	10											
Corporate Bond	0.69	_	1.10	0											
Bank Loan	0.00	_	0.04												
Convertible	0.00	_	0.00	0											
Preferred	0.00	-	0.01	0											
Securitized	3.17	-	3.65												
Agency MBS Pass-Through	0.69	-	1.35	10											
Agency MBS ARM	0.00	_	0.00												
Agency MBS CMO	0.01	_	0.25												
Non-Agency Residential MBS	0.03	_	0.09												
Commercial MBS	0.30	_	0.17												
Asset-Backed	2.14	_	1.62	•0											
Covered Bond	0.00	_	0.17												
Municipal	0.00	-	0.01												
Cash & Equivalents	2.29	_	4.88												
Other	0.00	_	0.12												

Top 10 Holdings as of 12-31-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ① Us 5yr Note (Cbt) Dec23 Xcbt 20231229 12-2023 13.05 13.05 United States Treasury Notes 0.625% 01-2026 5.06 18.10 ① Future on Ultra 10 Year US Treasury Note 22.99 12-2023 4.89 ① United States Treasury Notes 0.625% 01-2024 3.68 26.67 ① United States Treasury Notes 0.125% 04-2027 3.61 30.28 ① United States Treasury Notes 0.125% 10-2025 3.60 33.88 United States Treasury Bonds 2% 01-2026 3.52 37.39 ① United States Treasury Notes 0.5% 01-2028 2.80 40.19 ① United States Treasury Notes 0.125% 04-2026 2.61 42.80 ① United States Treasury Notes 0.125% 01-2031 2.54 45.33

Total Holdings 143

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



# American Funds AMCAP R6 RAFGX

### Morningstar Category Large Growth

# Morningstar Index

# Russell 1000 Growth TR USD

### Portfolio Manager(s)

Lawrence Solomon since 05-2011 James Terrile since 05-2011 Aidan O'Connell since 07-2015 Jessica Spaly since 10-2017 Martin Jacobs since 05-2018 Cheryl Frank since 10-2018 Gregory Wendt since 05-2019 Eric Stern since 11-2019

### **Quantitative Screens**

Performance: The fund has finished in the Large Growth 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 12.68 years.

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

Net Expense: The fund's expense ratio of 0.34 is 63.44% lower than the Large Growth category average.

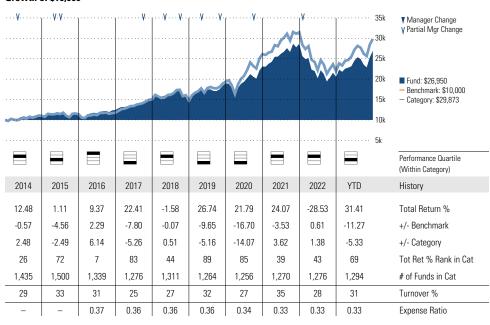
#### **Morningstar Investment Management LLC Analysis**

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**

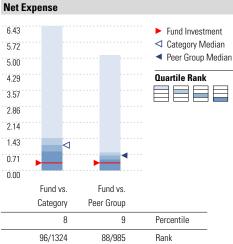
Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000





3-Year Risk Metrics



	Fund	Bmark	Cat
Alpha	-	_	-
Beta	-	_	-
R-Squared	-	_	-
Standard Deviation	19.11	_	21.31
Sharpe Ratio	-	_	-
Tracking Error	-	_	-
nformation Ratio	-	_	-
Jp Capture Ratio	-	_	-
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	28.09	33.00	31.29
Price/Book Ratio	5.15	10.90	8.04
Geom Avg Mkt Cap \$B	99.58	427.90	440.36
ROE	26.39	40.31	34.88



# American Funds AMCAP R6 RAFGX

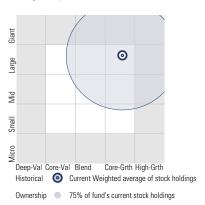
### **Morningstar Category** Large Growth

Morningstar Index

Russell 1000 Growth TR USD

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

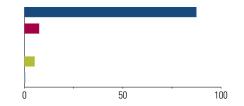
5	23	41	Laige
2	8	17	VIIV
0	2	2	JIIaii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 12-31-2023



Asset Class	Net %	Cat%
US Stocks	87.35	93.27
Non-US Stocks	7.33	4.32
Bonds	0.00	0.00
Cash	5.04	1.44
Other	0.28	0.97
Total	100.00	100.00

Sec	ctor Weighting as of 12-	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark [ ] Category Average
<u></u>	Cyclical	27.15	23.41	25.84	
Å.	Basic Materials	1.63	0.65	1.27	
A	Consumer Cyclical	15.62	15.72	14.45	
<b>F</b>	Financial Services	9.15	6.09	8.88	
<b>fi</b>	Real Estate	0.75	0.95	1.24	
W	Sensitive	48.65	61.76	57.71	
0	Communication Services	8.77	11.36	11.14	
•	Energy	0.94	0.50	1.52	
Ф	Industrials	13.62	5.21	6.11	
	Technology	25.32	44.69	38.94	
<b>—</b>	Defensive	24.21	14.83	16.45	
Ħ	Consumer Defensive	4.80	4.14	3.10	
+	Healthcare	19.41	10.63	13.04	
•	Utilities	0.00	0.06	0.31	
					0% 5 10 15 20 25 30 35 40 45 50 55 60 6

, ,				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.80	5.80	57.96	Technology
○ Capital Group Central Cash Fund	5.20	11.01	-	_
→ Broadcom Inc	3.11	14.12	103.05	Technology
─ UnitedHealth Group Inc	2.63	16.75	0.68	Healthcare
	2.37	19.12	80.88	Consumer Cyclical
	2.33	21.45	66.22	Industrials
⊕ Alphabet Inc Class A	2.20	23.65	58.32	Communication Svc
	2.13	25.78	23.31	Financial Services
⊕ Meta Platforms Inc Class A	1.83	27.61	194.13	Communication Svc
	1.76	29.37	2.11	Healthcare
⊕ Eli Lilly and Co	1.61	30.98	60.57	Healthcare
Thermo Fisher Scientific Inc	1.57	32.55	-3.36	Healthcare
	1.35	33.90	58.83	Communication Svc
→ Hilton Worldwide Holdings Inc	1.35	35.25	44.58	Consumer Cyclical
Old Dominion Freight Line Inc Ordinary Shares	1.30	36.56	43.40	Industrials

## Total Holdings 210

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# American Funds American Balanced R6 RLBGX

# Morningstar Category Moderate Allocation

### Morningstar Index

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 Moderate Allocation category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 25.01 years.
- Net Expense: The fund's expense ratio of 0.25 is 75% lower than the Moderate Allocation category average.

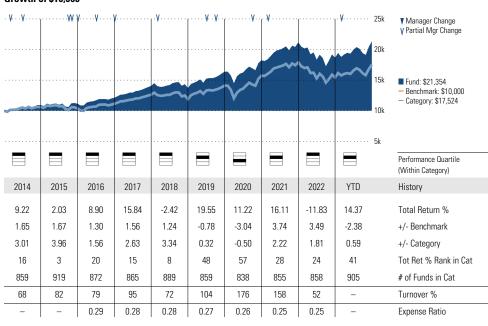
## **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

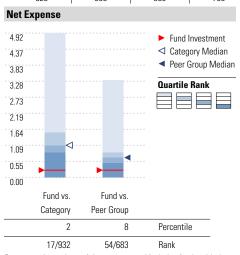
Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000



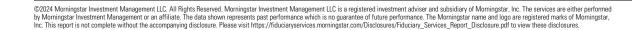


3-Year Risk Metrics



	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	12.01	-	12.19
Sharpe Ratio	-	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.63	20.07	20.57
Price/Book Ratio	3.63	3.06	3.30
Avg Eff Duration	6.18	5.80	5.25





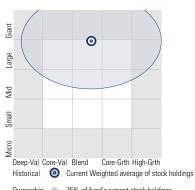
# American Funds American Balanced R6 RLBGX

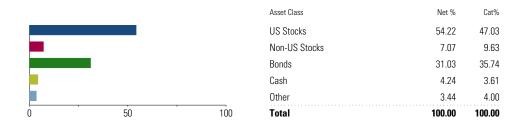
#### **Morningstar Category** Morningstar Index Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

# Style Analysis as of 12-31-2023

Morningstar Style Box™





#### Bmark Cat Fund Fund Cyclical 24.83 31.82 30.41 æ. Basic Materials 3.85 3.59 3.64 Ownership 75% of fund's current stock holdings Consumer Cyclical 7.60 11.14 10.31 **.** Financial Services 10.83 14 11 14 22 侖 Real Estate 2.55 2.98 2.24 Style Breakdown Fived Income 48.64 Sensitive 47.60 46.77 **Communication Services** 8.65 7.30 7.70 • Energy 7.65 4.30 5.12 Ф Industrials 11.00 10.70 10.63 Technology 21.34 25.30 23.32 26.53 20.59 Defensive 22.81 Consumer Defensive 9.48 6.24 6.13 Healthcare 14.68 11.88 13.76 Weight % Utilities 2.37 2.47 2.92 25-50 10-25 0-10 10 25 30 35 45

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Lquity				I IXEU I	licollie		Quality
21	36	27	Large				High
5	6	4	Mid				Mid
0	1	0	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	_

>50

<b>Top 10 Holdings</b>	as of 12-31-2023
Nama	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash Fund	_	9.62	9.62	_	_
Cash And Other Assets Less Liablities	_	5.40	15.02	_	_
⊕ Microsoft Corp	_	4.24	19.26	57.96	Technology
⊕ Broadcom Inc	_	3.50	22.76	103.05	Technology
⊖ Cap Grp Cent Fd Ser Ii	-	3.44	26.20	-	-
→ UnitedHealth Group Inc	_	2.11	28.31	0.68	Healthcare
→ Philip Morris International Inc	_	1.99	30.30	-1.97	Consumer Defensive
The Home Depot Inc	-	1.38	31.68	12.36	Consumer Cyclical
	-	1.36	33.05	58.83	Communication Svc
Eli Lilly and Co	_	1.29	34.33	60.57	Healthcare

Total Holdings 2530

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# American Funds Capital World Gr&Inc R6 RWIGX

Growth of \$10,000

39

290

36

64

313

35

45

286

35

0.45

21

304

35

0.45

56

342

49

0.44

52

359

23

0.43

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
Lara Pellini since 02-2019
Jin Lee 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 17.92 years.

Net Expense: The fund's expense ratio of 0.42 is 56.7% lower than the Global Large-Stock Blend category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	05-18-2022

#### ▼ Manager Change V Partial Mgr Change Fund: \$20.781 Benchmark: \$10,000 Category: \$19,715 Performance Quartile (Within Category) 2014 2015 2016 2017 2019 2020 2021 2022 YTD 2018 History 4.36 -1.88 6.85 25.08 -9.97 25.74 15.78 15.15 -17.01 21.22 Total Return % 0.48 -0.47 0.20 -1.01 1.11 -0.56 -0.86 -3.39 1.35 -0.98 +/- Benchmark -0.96 -0.08 0.09 0.69 2.80 0.48 2.82 -2.57 -0.34 3.10 +/- Category

34

383

36

0.42

78

379

32

0.41

44

378

32

0.42

33

375

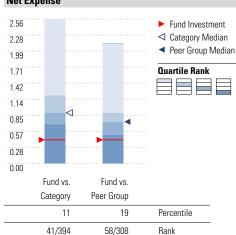
Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio





3-Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	16.60	_	16.72
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.52	18.60	18.69
Price/Book Ratio	2.96	2.70	2.83
Geom Avg Mkt Cap \$B	100.23	121.33	107.81
ROE	26.50	25.71	24.27





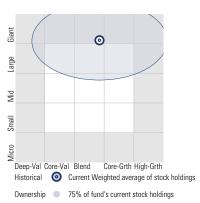
# American Funds Capital World Gr&Inc R6 RWIGX

# Morningstar Category Global Large-Stock Blend

**Morningstar Index** MSCI ACWI NR USD

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

20	39	30	Luigo
3	5	3	IVIIG
0	0	0	O I I

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

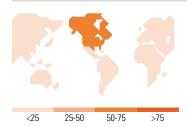
### Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.08	2.01
Cash	4.73	2.42
Bonds	0.34	1.04
Non-US Stocks	48.88	36.92
US Stocks	45.96	57.62
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	ł	▼ Ben	chmark	( ] C	ategory	Avera	qe		
b	Cyclical	28.32	33.19	31.31						,		•		
ů.	Basic Materials	6.81	4.39	4.40										
<b>-</b>	Consumer Cyclical	9.97	10.92	11.00										
₽	Financial Services	11.00	15.45	13.86										
b	Real Estate	0.54	2.43	2.05	<b>I</b> []									
M	Sensitive	45.79	46.26	46.11			_							
	Communication Services	5.96	7.40	6.73			<b>'</b>							
•	Energy	6.34	4.59	5.01										
\$	Industrials	13.56	10.44	14.29						-				
2	Technology	19.93	23.83	20.08						7				
<b>→</b>	Defensive	25.88	20.53	22.58										
=	Consumer Defensive	7.45	6.67	7.18										
ř	Healthcare	16.15	11.31	12.28										
?	Utilities	2.28	2.55	3.12		]								

# World Regions % Equity 12-31-2023



	Fund %	Cat %
Greater Asia	16.77	13.09
Japan	5.62	5.30
Australasia	1.74	0.77
Asia-4 Tigers	4.30	3.61
Asia-ex 4 Tigers	5.11	3.41
Not Classified	0.00	0.00

Americas	Fund % 56.37	Cat % 64.97	Greater Europe	Fund % 26.85	Cat % 21.93	Market Maturity	Fund %
North America	54.08	64.10	United Kingdom	6.22	5.24	Developed Markets	92.60
Central/Latin	2.29	0.87	W euro-ex UK	20.47	16.31	Emerging Markets	7.40
			Emrgng Europe	0.00	0.06	Not Available	0.00
			Africa	0.16	0.32		

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.53	4.53	_	_
	3.58	8.11	57.96	Technology
→ Broadcom Inc	3.51	11.62	103.05	Technology
⊕ UnitedHealth Group Inc	2.06	13.68	0.68	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.04	15.72	_	Technology
⊕ Philip Morris International Inc	1.62	17.34	-1.97	Consumer Defensive
⊖ Eli Lilly and Co	1.61	18.95	60.57	Healthcare
⊕ Canadian Natural Resources Ltd	1.50	20.45	22.91	Energy
○ LVMH Moet Hennessy Louis Vuitton SE	1.44	21.89	_	Consumer Cyclical
Abbott Laboratories	1.38	23.27	2.11	Healthcare

# Total Holdings 348

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

# American Funds New World R6 RNWGX

# Morningstar Category Diversified Emerging Mkts MSCI EM NR USD MSCO 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
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

Matt Hochstetler since 01-2024

#### **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 24.56 years.

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

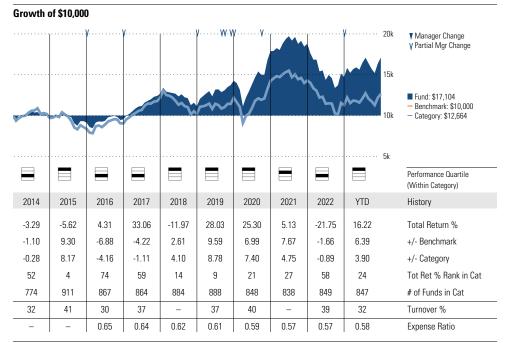
Net Expense: The fund's expense ratio of 0.57 is 49.56% lower than the Diversified Emerging Mkts category average.

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

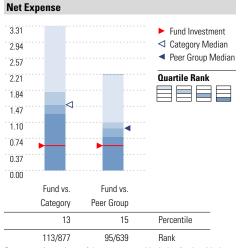
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Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

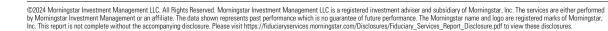






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	16.09	_	17.81
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	-	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.72	13.07	13.55
Price/Book Ratio	2.96	1.60	1.86
Geom Avg Mkt Cap \$B	60.60	35.77	44.99
ROE	24.49	16.28	19.08



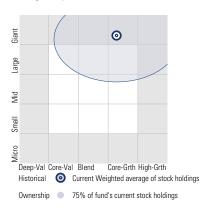


# American Funds New World R6 RNWGX

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

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

12	32	44	Large
2	4	4	Mid
0	1	0	Small

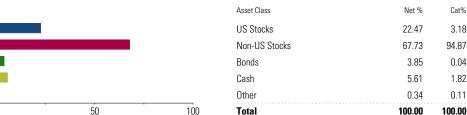
Value Blend Growth

Weight %

>50 25-50 10-25 0-10

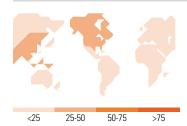


Asset Allocation as of 12-31-2023



		From all	Dl.	0-4	F		- Dl-	d.	По-	A				
		Fund	Bmark	Cat	Func	1	Bench	mark	Categ	jory Ave	rage			
<b>Դ</b>	Cyclical	38.31	44.05	43.10			,							
A	Basic Materials	8.43	8.04	6.20										
A	Consumer Cyclical	12.34	12.19	13.49										
<del>,</del>	Financial Services	15.70	22.19	21.71										
<b>fi</b>	Real Estate	1.84	1.63	1.70										_
W	Sensitive	39.44	43.48	43.26										
	Communication Services	6.97	9.24	8.48										
ð	Energy	4.03	5.22	4.71		<b>=</b> [' _								
Ф	Industrials	12.72	6.73	6.85										
	Technology	15.72	22.29	23.22										
<b>→</b>	Defensive	22.24	12.47	13.65										
Ħ	Consumer Defensive	6.87	5.80	7.38										
+	Healthcare	13.95	4.03	4.54										
•	Utilities	1.42	2.64	1.73										
					0%	5	10	15	20	25	30	35	40	45

# World Regions % Equity 12-31-2023



	Fund %	Cat %
Greater Asia	39.10	73.55
Japan	2.39	0.06
Australasia	0.40	0.00
Asia-4 Tigers	6.54	27.02
Asia-ex 4 Tigers	29.77	46.47
Not Classified	0.00	0.00

Americas	Fund % 35.96	Cat % 15.81	Greater Europe	Fund % 24.94	Cat % 10.64	Market Maturity	Fund %
North America	26.47	2.94	United Kingdom	2.13	0.54	Developed Markets	57.94
Central/Latin	9.49	12.87	W euro-ex UK	19.89	1.80	Emerging Markets	42.06
			Emrgng Europe	0.53	1.77	Not Available	0.00
			Africa	2.39	6.53		

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.39	5.39	-	_
⊕ Microsoft Corp	2.86	8.25	57.96	Technology
○ Novo Nordisk A/S Class B	2.68	10.93	51.68	Healthcare
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.03	12.96	_	Technology
Airbus SE	1.50	14.46	-	Industrials
⊖ Eli Lilly and Co	1.45	15.91	60.57	Healthcare
○ LVMH Moet Hennessy Louis Vuitton SE	1.44	17.35	_	Consumer Cyclical
⊖ Kotak Mahindra Bank Ltd	1.43	18.78	_	Financial Services
MercadoLibre Inc     MercadoLibre Inc	1.23	20.01	85.71	Consumer Cyclical
⊕ AIA Group Ltd	1.10	21.11	-19.70	Financial Services

# Total Holdings 586

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

# American Funds Washington Mutual R6 RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 26.52 years.

× Style: The fund has landed in its primary style box — Large Blend — 60 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

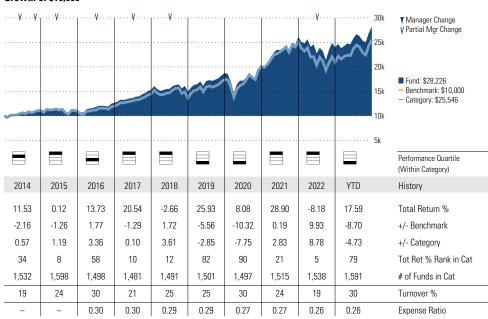
#### **Morningstar Investment Management LLC Analysis**

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

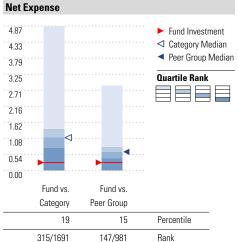
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
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- Fear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	15.15	_	17.04
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.52	23.61	22.67
Price/Book Ratio	3.41	4.19	4.67
Geom Avg Mkt Cap \$B	145.74	241.61	282.66
ROE	30.25	31.50	30.87





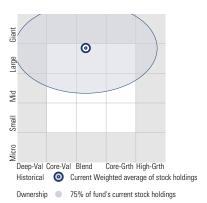
# American Funds Washington Mutual R6 RWMGX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

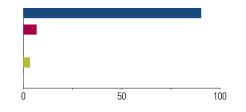
25	39	20	Luigo
7	8	2	IVIIG
0	0	0	O I I

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.03	1.24
Cash	3.12	1.50
Bonds	0.00	-0.53
Non-US Stocks	6.55	2.42
US Stocks	90.30	95.35
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	26.43	28.24	28.24	
A	Basic Materials	3.17	2.19	2.75	
A	Consumer Cyclical	6.76	11.01	10.16	
<b>P</b>	Financial Services	14.64	12.52	13.17	
ŵ	Real Estate	1.86	2.52	2.16	
W	Sensitive	44.31	50.65	49.61	
0	Communication Services	5.58	8.58	8.09	
•	Energy	6.23	3.89	4.29	
Ф	Industrials	11.53	8.37	9.99	
	Technology	20.97	29.81	27.24	
<b>→</b>	Defensive	29.26	21.12	22.15	
Ħ	Consumer Defensive	8.28	6.11	6.37	
+	Healthcare	17.86	12.67	13.60	
•	Utilities	3.12	2.34	2.18	
					0% 5 10 15 20 25 30 35 40 45 50 55

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Broadcom Inc	6.12	6.12	103.05	Technology
⊕ Microsoft Corp	6.04	12.16	57.96	Technology
→ UnitedHealth Group Inc	3.31	15.46	0.68	Healthcare
⊖ Capital Group Central Cash Fund	2.92	18.39	_	-
⊖ Comcast Corp Class A	2.76	21.15	28.65	Communication Svc
→ Marsh & McLennan Companies Inc	2.63	23.78	16.07	Financial Services
∋ Eli Lilly and Co	2.35	26.13	60.57	Healthcare
	1.87	28.00	-12.85	Industrials
The Home Depot Inc     The Home Depo	1.78	29.77	12.36	Consumer Cyclical
⊕ Philip Morris International Inc	1.78	31.55	-1.97	Consumer Defensive
⇒ JPMorgan Chase & Co	1.45	33.00	29.87	Financial Services
∋ Johnson & Johnson	1.38	34.38	-8.61	Healthcare
⊕ CVS Health Corp	1.37	35.75	-12.67	Healthcare
AbbVie Inc	1.34	37.09	-0.45	Healthcare
⊕ Intel Corp	1.32	38.42	92.92	Technology

Total Holdings 196

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# BlackRock High Yield Bond Instl BHYIX

Morningstar Category High Yield Bond Morningstar Index ICE BofA US High Yield TR USD

### Portfolio Manager(s)

Mitchell Garfin since 12-2009 Derek Schoenhofen since 12-2009 David Delbos since 12-2014

#### **Quantitative Screens**

Performance: The fund has finished in the High Yield 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 14.01 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.6 is 33.33% lower than the High Yield Bond category average.

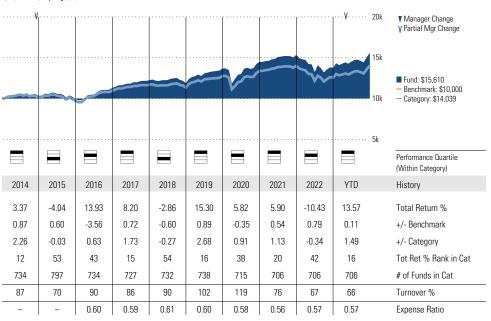
### **Morningstar Investment Management LLC Analysis**

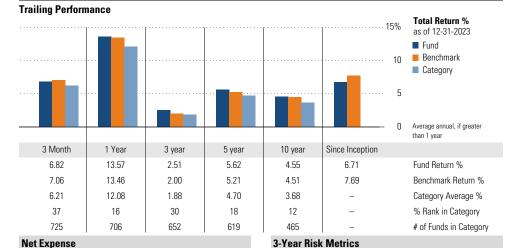
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

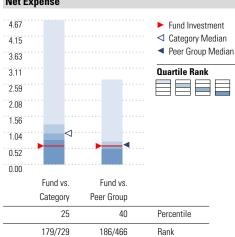
#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	2-Basic	02-15-2022

### Growth of \$10,000







3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	-	_	_
Standard Deviation	8.45	_	7.80
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.32	-	3.13
Avg Eff Maturity	5.00	-	4.81



# **BlackRock High Yield Bond Instl** BHYIX

Asset Allocation as of 12-31-2023

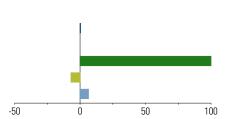
**Morningstar Index** 

**Morningstar Category** 

High Yield Bond

ICE BofA US High Yield TR USD

			•
Style	e Anal	ysis a	s of 12-31-2023
Style	Breako	lown	
Fixed	Income		Quality
			High
			Mid
			Low
Ltd Durati	Mod	Ext	
Dulati	UII		



Total	100.00	100.00
Other	6.51	1.42
Cash	-6.98	2.63
Bonds	100.00	95.08
Non-US Stocks	0.00	0.05
US Stocks	0.46	0.81
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	3.92
AA	0.00	-	0.38
A	0.16	_	0.26
BBB	7.18	_	5.90
BB	29.64	_	36.20
В	48.35	_	40.32
Below B	12.53	_	11.07
Not Rated	2.14	_	1.95

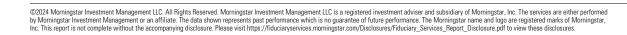
Sector Weighting as of 12-3	31-2023			
Cooler Frongmany as of 12 of	Fund	Bmark	Cat	Fund Fenchmark Category Average
Government	0.55	_	2.34	10
Treasury	0.00	_	0.98	
Inflation – Protected	0.00	_	0.01	
Agency/Quasi Agency	0.02	_	0.02	
Other Government Related	0.53	_	1.33	
Corporate	91.95	-	90.22	
Corporate Bond	83.88	_	87.03	
Bank Loan	6.85	_	2.35	
Convertible	0.58	_	0.39	
Preferred	0.64	_	0.45	
Securitized	0.09	_	1.45	
Agency MBS Pass-Through	0.00	_	0.11	
Agency MBS ARM	0.00	_	0.00	
Agency MBS CMO	0.00	-	0.04	
Non-Agency Residential MBS	0.00	_	0.06	
Commercial MBS	0.00	_	0.11	
Asset-Backed	0.09	_	1.13	
Covered Bond	0.00	_	0.00	
Municipal	0.00	-	0.03	
Cash & Equivalents	2.24	-	4.06	
Other	5.16	_	1.90	

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
≭ Cash Offset	_	6.87	6.87	_
⊕ ICE: (CDX.NA.HY.41.V2)	12-2028	2.45	9.32	_
⇒ iShares iBoxx \$ High Yield Corp Bd ETF	_	2.07	11.39	_
⇒ BlackRock Liquidity T-Fund Inst!	_	2.02	13.41	_
⊖ EUR/USD Purchased	12-2023	1.63	15.04	-
⊕ EUR/USD Purchased	12-2023	1.60	16.65	_
⇒ USD CASH(Committed)	12-2023	1.53	18.18	_
∃ TransDigm, Inc.	03-2026	1.39	19.57	_
⇒ EUR/USD Purchased	12-2023	0.93	20.50	_
⊕ EUR/USD Purchased	12-2023	0.91	21.41	_

Total Holdings 1550

⊕ Increase ⊖ Decrease 🕸 New to Portfolio





# **Invesco Balanced-Risk Commodity Strat R6** IBRFX

Morningstar Category Commodities Broad Basket Morningstar Index Bloomberg Commodity TR USD

## Portfolio Manager(s)

Chris Devine since 11-2010
Christian Ulrich since 11-2010
Mark Ahnrud since 11-2010
Scott Hixon since 11-2010
Scott Wolle since 11-2010

#### **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 13.09 years.

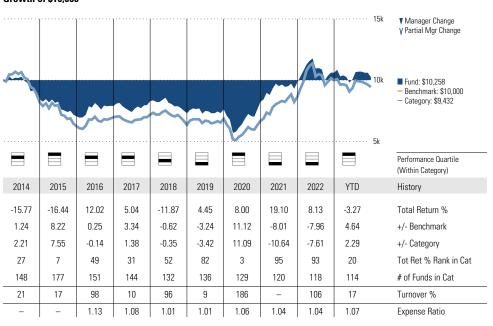
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.12 is 8.74% higher than the Commodities Broad Basket category average.

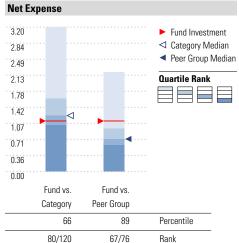
### **Morningstar Investment Management LLC Analysis**

Invesco Balanced-Risk Commodity Strategy has lagged competitors significantly during the commodity resurgence of the past year. That is to be expected given the relatively limited energy exposure that is consistent with the fund's strategy. However, relative results have been worse than we would expect even allowing for a sizable energy underweight. We are placing the fund on watch while we observe how it progresses and assess the fund's ability to get back to results that are consistent with expectations.

## Growth of \$10,000







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	12.68	_	16.44
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	_
Down Capture Ratio	-	_	_

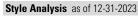
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	_	7.93
Price/Book Ratio	_	_	1.87
Geom Avg Mkt Cap \$B	_	_	44.07
ROE	-	-	27.17



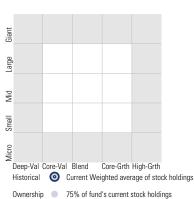
# Invesco Balanced-Risk Commodity Strat R6 IBRFX

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

# Morningstar Index



Morningstar Style Box™



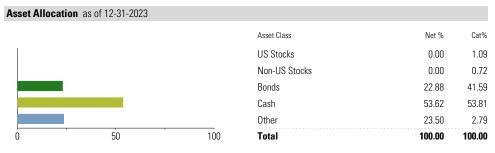
# Style Breakdown

Equity



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ Bei	nchmark	Cate	gory Av	/erage		
<u></u>	Cyclical	-	-	44.68								
â.	Basic Materials	_	_	44.68								
<b>A</b>	Consumer Cyclical	_	_	0.00								
<b>,</b>	Financial Services	_	_	0.00	0							
<b>fi</b>	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								
Ħ	Consumer Defensive	_	_	4.26								
+	Healthcare	_	_	0.00	ĺ							
•	Utilities	_	_	0.00	ĺ							

N	0/ 11 . 4	0 1 1: 0/	\/TD D	M : . 0 .
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.50	23.50	_	_
⊕ Invesco Shrt-Trm Inv Treasury Instl	17.46	40.96	_	_
⊕ Invesco Shrt-Trm Inv Gov&Agcy Instl	15.28	56.24	_	_
⊕ Invesco Shrt-Trm Inv Liq Assets InstI	10.79	67.04	_	-
United States Treasury Notes 5.25588%	9.40	76.44	-	-
United States Treasury Notes 5.36788%	7.48	83.92	_	_
United States Treasury Notes 5.31588%	7.41	91.33	_	_
⊕ Citigroup Global Markets Holdings Inc. 0.1%	5.84	97.17	_	_
⊕ Bank of Montreal 0.1%	4.14	101.31	_	_
Societe Generale S.A. 0.1%	3.17	104.48	_	_
⊕ Usd Currency Cash	3.07	107.54	_	_
Barclays Bank plc 0.01%	2.27	109.82	_	_
Royal Bank of Canada 0.1%	1.87	111.68	_	_

Total Holdings 13

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# JPMorgan US Equity R6 JUEMX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

Scott Davis since 08-2014 Shilpee Raina since 11-2021

### **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 9.38 years.
- Net Expense: The fund's expense ratio of 0.44 is 41.33% lower than the Large Blend category average.

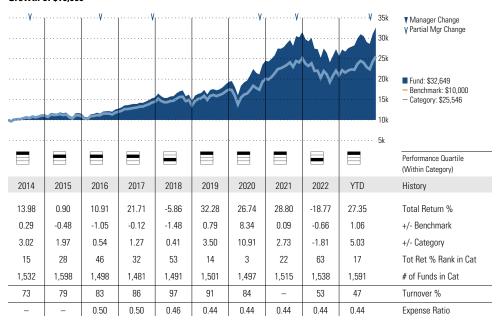
### **Morningstar Investment Management LLC Analysis**

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

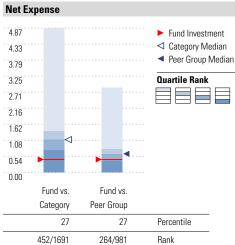
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022

### Growth of \$10,000



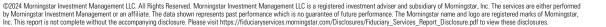




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

3-Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	17.36	_	17.04
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	-
Down Capture Ratio	-	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.44	23.61	22.67
Price/Book Ratio	4.54	4.19	4.67
Geom Avg Mkt Cap \$B	255.52	241.61	282.66
ROE	31.40	31.50	30.87



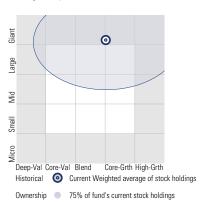


# JPMorgan US Equity R6 JUEMX

# Morningstar CategoryMorningstar Index■ Large BlendS&P 500 TR USD

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

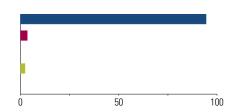
Equity

15	40	35	Large
3	5	2	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.00	1.24
Cash	2.23	1.50
Bonds	0.00	-0.53
Non-US Stocks	3.38	2.42
US Stocks	94.39	95.35
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	d	▼ Be	nchma	rk [	Categ	jory Av	erage/		
Ն	Cyclical	28.34	28.24	28.24										
A.	Basic Materials	2.80	2.19	2.75										
<b>A</b>	Consumer Cyclical	10.20	11.01	10.16										
₽	Financial Services	13.58	12.52	13.17				0						
<b>fi</b>	Real Estate	1.76	2.52	2.16										
M	Sensitive	50.15	50.65	49.61										
	Communication Services	5.80	8.58	8.09										
ð	Energy	5.34	3.89	4.29										
Ф	Industrials	10.24	8.37	9.99							1			
	Technology	28.77	29.81	27.24										
<b>→</b>	Defensive	21.50	21.12	22.15										
=	Consumer Defensive	2.45	6.11	6.37		İ		_ :						
٠	Healthcare	14.81	12.67	13.60										
•	Utilities	4.24	2.34	2.18		1								

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	9.41	9.41	57.96	Technology
⊕ Apple Inc	5.48	14.90	48.91	Technology
⊕ Amazon.com Inc	4.00	18.90	80.88	Consumer Cyclical
⊕ UnitedHealth Group Inc	3.57	22.47	0.68	Healthcare
○ NVIDIA Corp     ○	3.40	25.86	238.98	Technology
	2.86	28.72	58.32	Communication Svc
AbbVie Inc	2.84	31.57	-0.45	Healthcare
	2.81	34.38	194.13	Communication Svc
NXP Semiconductors NV	2.76	37.14	47.91	Technology
⊕ Coca-Cola Co	2.40	39.54	-4.46	Consumer Defensive
⊕ Wells Fargo & Co	2.40	41.93	22.35	Financial Services
⊕ NextEra Energy Inc	2.37	44.30	-25.11	Utilities
⊕ McDonald's Corp	2.31	46.62	14.88	Consumer Cyclical
	2.29	48.90	23.31	Financial Services
⊕ Deere & Co	2.25	51.15	-5.50	Industrials

**Total Holdings** 55

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Metropolitan West Total Return Bd I MWTIX

Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

Stephen Kane since 03-1997 Laird Landmann since 03-1997 Bryan Whalen since 12-2004 Jerry Cudzil since 09-2023 Ruben Hovhannisyan since 09-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Intermediate
 Core-Plus Bond 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 26.77 years.

Style Consistency is not calculated for Fixed Income funds.

Q Net Expense: The fund's expense ratio of 0.45 is 39.19% lower than the Intermediate Core-Plus Bond category average.

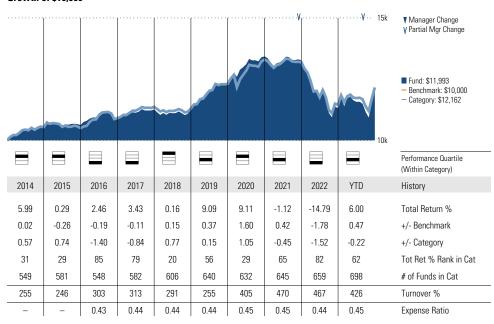
### **Morningstar Investment Management LLC Analysis**

We are placing Metropolitan West Total Return Bond on watch due to a major leadership change at TCW. The most significant changes are that veteran portfolio managers Laird Landmann and Stephen Kane will retire at the end of 2023 and 2024, respectively. These departures have the potential to materially affect this and several other TCW and Metropolitan West strategies, and we will be forming a more detailed opinion about these funds' prospects in coming quarters.

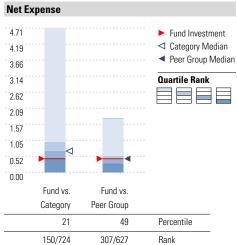
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023

### Growth of \$10,000

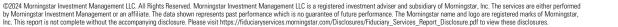


#### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 7.47 6.00 -3.701.23 1.83 4.80 6.82 5.53 -3.31 1.10 1.81 6.61 Benchmark Return % 6 77 6 22 -2 99 1 48 1 93 Category Average % 13 62 78 65 59 % Rank in Category 711 628 592 414 # of Funds in Category



3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	8.14	_	7.49
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.13	4.43	6.18
Avg Eff Maturity	7.76	-	8.87



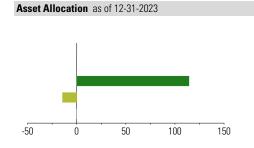


# On Watch

# Metropolitan West Total Return Bd I MWTIX

# Morningstar Category Morningstar Index Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD





Asset Class	Net %	Cat%
US Stocks	0.11	0.03
Non-US Stocks	0.00	0.00
Bonds	114.23	95.53
Cash	-14.36	3.27
Other	0.02	1.18
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	55.23	3.53	33.76
AA	6.00	74.59	26.40
A	14.45	10.82	11.24
BBB	15.22	8.32	17.98
BB	3.59	0.28	4.22
В	1.53	0.00	1.53
Below B	3.89	0.00	0.69
Not Rated	0.09	2.46	4.18

	Fund	Bmark	Cat	Fund	. Don	chmark	Π c-	togor	Augra	70	
				runa	, peuc	Jilliark	∐ ∪a	tegory	Averag	je je	
Government	23.82	-	26.88								
Treasury	20.57	_	17.06		1						
Inflation – Protected	0.00	_	0.43	ĺ							
Agency/Quasi Agency	3.21	_	0.32								
Other Government Related	0.04	_	9.07	ļ							
Corporate	22.07	_	26.57								
Corporate Bond	20.84	-	25.83					0			
Bank Loan	1.21	_	0.26	]							
Convertible	0.02	_	0.06								
Preferred	0.00	_	0.42								
Securitized	48.43	_	38.22			-		:			
Agency MBS Pass-Through	32.35	_	24.69			- :					
Agency MBS ARM	0.00	_	0.06								
Agency MBS CMO	1.35	_	2.83								
Non-Agency Residential MBS	5.46	_	0.23								
Commercial MBS	2.12	_	1.25								
Asset-Backed	7.15	_	9.16		П						
Covered Bond	0.00	_	0.00								
Municipal	0.47	_	0.49	(							
Cash & Equivalents	1.82	-	5.70								
Other	3.33	-	1.99								

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash & Cash Equivalents	-	15.65	15.65	_
⊕ United States Treasury Notes 4.875%	10-2028	7.18	22.83	_
United States Treasury Bonds 4.375%	08-2043	5.30	28.14	-
⊕ Federal National Mortgage Association 5%	12-2053	3.88	32.02	-
⊕ Federal National Mortgage Association 5.5%	12-2053	3.60	35.62	_
⊕ Federal National Mortgage Association 2%	12-2053	2.98	38.61	_
⊕ United States Treasury Notes 4.375%	11-2028	2.91	41.52	_
⊕ United States Treasury Notes 4.625%	11-2026	2.82	44.34	_
⊕ Federal National Mortgage Association 3%	12-2053	2.50	46.84	_
⊕ United States Treasury Bonds 4.75%	11-2053	2.48	49.32	_

Total Holdings 1851

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# MFS Research International R4 MRSJX

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

## Portfolio Manager(s)

Camille Lee since 09-2018 Nicholas Paul since 12-2022 John Mahoney since 01-2024

#### **Quantitative Screens**

✓ Performance: The fund has finished in the Foreign Large
Blend category's top three quartiles in 8 of the 10 years it's
been in existence.

Management: The fund's management has been in place for 5.33 years.

✓ Net Expense: The fund's expense ratio of 0.79 is 9.2% lower than the Foreign Large Blend category average.

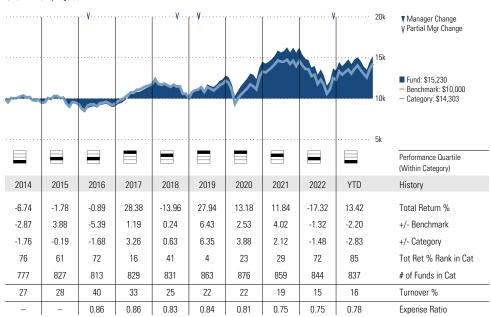
### **Morningstar Investment Management LLC Analysis**

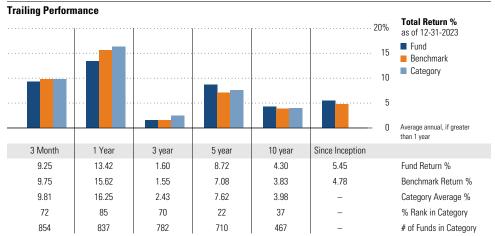
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

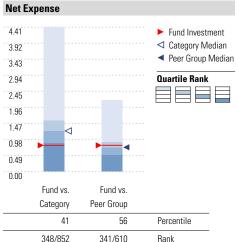
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

### Growth of \$10,000







3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	-	_	-
Standard Deviation	17.04	_	17.19
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.16	13.68	13.39
Price/Book Ratio	2.05	1.70	1.77
Geom Avg Mkt Cap \$B	48.17	45.04	56.58
ROE	19.41	17.63	20.30



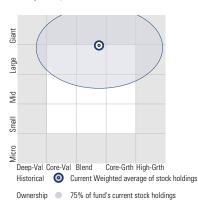
# MFS Research International R4 MRSJX

#### Morningstar Category Foreign Large Blend

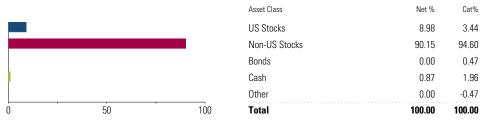
### **Morningstar Index** MSCI ACWI Ex USA NR USD

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Asset Allocation as of 12-31-2023



Sector Weighting	as of 12-31-2023								
	Fund	Bmark	Cat	Fund	▼ Benchm	nark [] C	ategory A	verage	
⊌ Cyclical	42.11	41.95	38.88						
Basic Materials	9.92	7.98	7.04						
Consumer Cyclical	10.72	10.87	11.20						
Financial Services	19.65	20.90	18.89				· .		
Real Estate	1.82	2.20	1.75						
✓ Sensitive	34.12	37.68	37.81						
Communication Se	rvices 2.73	5.33	4.44		_				
Energy	5.33	5.71	5.45		1	_ :			
Industrials	17.57	13.60	16.36		: : : : : : : : : : : : : : : : : : :				
Technology	8.49	13.04	11.56			'			
→ Defensive	23.75	20.37	23.30		· _ ·				
Consumer Defensi	ve 8.23	7.87	9.01						
Healthcare	12.69	9.46	11.63						
Utilities	2.83	3.04	2.66						

0%

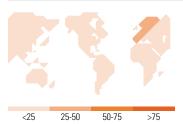
## Style Breakdown

Equity

	_			
18		40	27	Large
3		10	3	MIN
0		0	0	ollidii
Value	9	Blend	Growth	

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

# World Regions % Equity 12-31-2023



Greater Asia	Fund % 33.15	Cat % 35.35	
Japan	20.18	19.01	
Australasia	4.03	4.85	
Asia-4 Tigers	6.40	6.48	
Asia-ex 4 Tigers	2.54	5.01	
Not Classified	0.00	0.00	

	Fund %	Cat %		Fund %	Cat %		
Americas	10.93	8.53	Greater Europe	55.93	56.11	Market Maturity	Fund %
North America	10.93	7.24	United Kingdom	9.75	13.74	Developed Markets	97.46
Central/Latin	0.00	1.29	W euro-ex UK	46.18	41.43	Emerging Markets	2.54
			Emrgng Europe	0.00	0.09	Not Available	0.00
			Africa	0.00	0.85		

10 15 20 25 30

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Linde PLC	3.39	3.39	27.48	Basic Materials
	3.14	6.53	_	Healthcare
	3.08	9.61	_	Industrials
○ Nestle SA	2.83	12.44	_	Consumer Defensive
	2.69	15.14	_	Healthcare
○ Lvmh Moet Hennessy Louis Vuitton SE	2.52	17.66	_	Consumer Cyclical
	2.03	19.69	_	Industrials
	1.91	21.60	_	Energy
⊖ London Stock Exchange Group PLC	1.63	23.23	_	Financial Services
⊕ Euronext NV	1.57	24.80	_	Financial Services

# Total Holdings 117

 $\oplus$  Increase  $\ominus$  Decrease  $\ref{eq:Decrease}$  New to Portfolio

40 45

# PIMCO Income I2 PONPX

## 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 16.77 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.72 is 25.77% lower than the Multisector Bond category average.

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

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

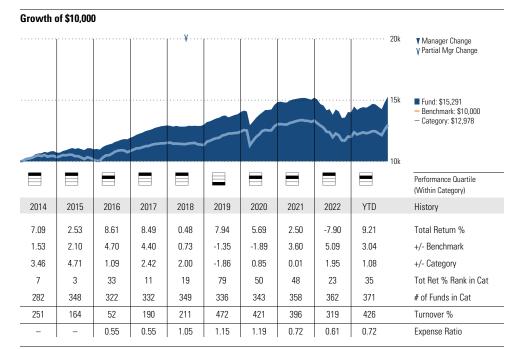
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023

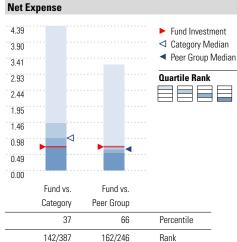
Morningstar Category
Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD







	Fund	Bmark	Cat
Alpha	_	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	6.26	_	6.28
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	_
Down Capture Ratio	-	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.74	4.55	4.55
Avg Eff Maturity	6.66	7.69	7.15



# PIMCO Income I2 PONPX

Style Analysis as of 12-31-2023 Style Breakdown Fixed Income Quality High MidLow Ltd Mod Ext Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	58.75	67.64	17.08
AA	9.36	3.23	10.35
A	3.45	10.03	9.12
BBB	11.28	10.89	25.29
BB	6.19	3.19	17.84
В	3.88	3.64	12.22
Below B	7.09	1.38	4.18
Not Rated	0.00	0.00	3.92

#### **Morningstar Category Morningstar Index** Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 12-31-2023 Asset Class Net % Cat% US Stocks 0.56 1.17 Non-US Stocks 0.32 0.16 Bonds 202.90 105.37 Cash -103.95 -1.87 Other 0.17 -4.84 -100 -50 50 100 150 200 250 Total 100.00 100.00

Sector Weighting as of 12-	31-2023											
	Fund	Bmark	Cat	Fund	•	Benchma	ark [] C	ategory	Average			
Government	39.78	_	30.77									
Treasury	1.66	_	9.43									
Inflation – Protected	2.64	_	0.80									
Agency/Quasi Agency	0.03	_	0.56									
Other Government Related	35.45	_	19.98				:		:	<u>:</u>		
Corporate	3.11	-	34.53									
Corporate Bond	2.36	_	29.21									
Bank Loan	0.71	_	3.06		]							
Convertible	0.02	_	0.68	[								
Preferred	0.02	_	1.58	[								
Securitized	22.97	-	25.96									
Agency MBS Pass-Through	12.61	_	9.20				ı					
Agency MBS ARM	0.00	_	0.10									
Agency MBS CM0	0.13	_	1.59	1 [								
Non-Agency Residential MBS	3.73	_	3.34		0							
Commercial MBS	0.28	_	2.00									
Asset-Backed	6.22	_	9.73									
Covered Bond	0.00	_	0.00									
Municipal	0.02	-	0.33									
Cash & Equivalents	24.54	_	4.13									
Other	9.40	_	4.26									
				0%	5	10	15	20	25	30	35	4(

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Offset: Unsettled Trades	_	43.27	43.27	_
⊕ RFR USD S0FR/5.10000 05/22/23-1Y LCH Pay	05-2024	32.51	75.78	_
⊕ RFR USD SOFR/5.10000 05/22/23-1Y LCH Receive	05-2024	32.41	108.20	_
⊕ RFR USD SOFR/5.40000 06/06/23-1Y LCH Pay	06-2024	19.13	127.33	_
⊕ RFR USD SOFR/5.40000 06/06/23-1Y LCH Receive	06-2024	19.11	146.44	_
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Pay	05-2025	16.76	163.21	_
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Receive	05-2025	16.59	179.80	_
⊕ RFRF USD SF+26.161/1.270 11/04/22-1Y LCH Pay	11-2023	12.26	192.06	_
⊕ RFRF USD SF+26.161/1.270 11/04/22-1Y LCH Receive	11-2023	12.21	204.27	_
⊕ RFR USD SOFR/4.90000 06/06/23-2Y LCH Pay	06-2025	9.87	214.14	_

**Total Holdings 8706** 

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



# PIMCO International Bond (USD-Hdg) I-2 PFBPX

Morningstar Category Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

**Total Return %** 

% Rank in Category

# of Funds in Category

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

Management: The fund's management has been in place for 9.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.73 is 4.29% higher 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**

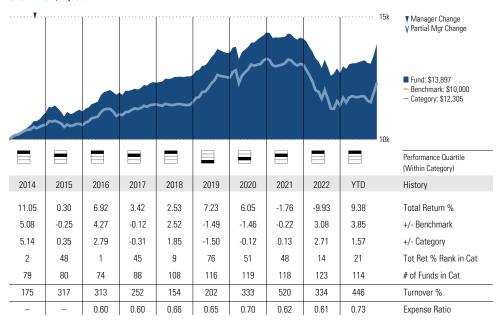
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023

### Growth of \$10,000

**Trailing Performance** 

71

115



9

107



3

63

16

101

Net Expe	ense		
1.84			► Fund Investment  ✓ Category Median
1.43			<ul> <li>Peer Group Median</li> </ul>
1.23			Quartile Rank
1.02	• • • • •		
0.82			
0.61	.,,	·····	
0.41			
0.20			
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	57	83	Percentile
	68/119	61/74	Rank

21

114

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	4.97	_	6.41
Sharpe Ratio	_	_	-
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	-	-	_
Down Capture Ratio	-	-	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.91	4.43	6.05
Avg Eff Maturity	7.29	_	7.81

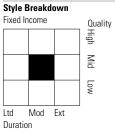


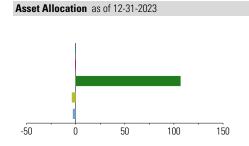
# PIMCO International Bond (USD-Hdg) I-2 PFBPX

Morningstar Category Mo Global Bond-USD Hedged Blo

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2023 Style Breakdown





Asset Class	Net %	Cat%
US Stocks	-0.07	0.00
Non-US Stocks	-0.15	0.00
Bonds	106.57	79.40
Cash	-3.69	20.51
Other	-2.67	0.08
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	51.61	3.53	31.53
AA	16.02	74.59	14.96
A	14.94	10.82	27.45
BBB	14.64	8.32	17.92
BB	0.83	0.28	3.25
В	0.38	0.00	1.49
Below B	1.58	0.00	0.80
Not Rated	0.00	2.46	2.59

Sector Weighting as of 12-													
	Fund	Bmark	Cat	Fund		<ul><li>Bench</li></ul>	ımark	Cate	gory Ave	erage			
Government	43.73	-	41.03										
Treasury	9.12	_	29.65										
Inflation - Protected	0.99	-	1.25										
Agency/Quasi Agency	0.26	_	3.54	İ									
Other Government Related	33.36	_	6.59										
Corporate	1.52	-	10.82										
Corporate Bond	1.43	_	10.68										
Bank Loan	0.09	_	0.11										
Convertible	0.00	_	0.01	Ö									
Preferred	0.00	_	0.02	Ò									
Securitized	10.93	-	5.35										
Agency MBS Pass-Through	6.70	_	3.17			I							
Agency MBS ARM	0.00	_	0.00	ĺ									
Agency MBS CMO	0.01	_	0.29	0									
Non-Agency Residential MBS	1.20	_	0.14										
Commercial MBS	0.15	_	0.16										
Asset-Backed	1.98	_	1.23										
Covered Bond	0.89	_	0.36	0									
Municipal	0.03	_	0.06										
Cash & Equivalents	26.65	_	19.92										
Other	17.11	-	22.83										
				0%	5	10	15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ IRS EUR 3.25000 03/20/24-5Y LCH Pay	03-2029	23.87	23.87	_
⊕ IRS EUR 3.25000 03/20/24-5Y LCH Receive	03-2029	23.83	47.70	_
🌣 Cash Offset	_	21.03	68.74	_
→ 3 Month SOFR Future Dec 24	03-2025	19.58	88.32	_
☆ Offset: Unsettled Trades	-	19.49	107.80	-
⊕ 3 Month SOFR Future Mar 24	06-2024	16.00	123.81	_
⊕ IRS EUR 3.00000 03/20/24-10Y LCH Pay	03-2034	14.68	138.49	_
⊕ IRS EUR 3.00000 03/20/24-10Y LCH Receive	03-2034	14.27	152.75	_
⊕ CDX IG41 5Y ICE	12-2028	12.33	165.09	_
⇒ RFR USD SOFR/4.25000 12/20/23-2Y LCH Pay	12-2025	11.62	176.71	_

Total Holdings 1561

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# PIMCO Short-Term I2 PTSPX

Morningstar Category Ultrashort Bond Morningstar Index

Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

Jerome Schneider since 01-2011 Nathan Chiaverini since 04-2019 Andrew Wittkop since 04-2019

### **Quantitative Screens**

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

Management: The fund's management has been in place for 13.01 years.

Style Consistency is not calculated for Fixed Income funds.

× Net Expense: The fund's expense ratio of 0.57 is 39.02% higher than the Ultrashort Bond category average.

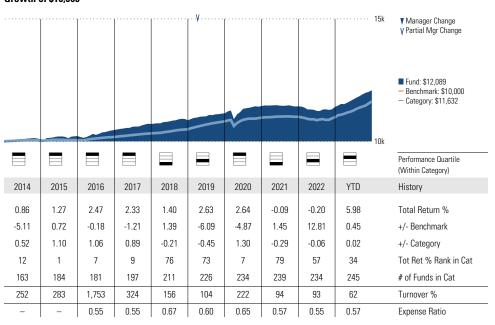
### **Morningstar Investment Management LLC Analysis**

This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

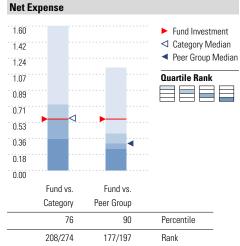
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 1.39 5.98 1.86 2.17 1.92 2.03 6.82 5.53 -3.31 1.10 1.81 6.61 Benchmark Return % 1.83 5.96 1.97 2 09 1 53 Category Average % 87 34 65 42 14 % Rank in Category 271 245 216 195 116 # of Funds in Category



3-1 ear hisk wietrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	1.25	_	1.19
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	-	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.10	4.43	1.00
Avg Eff Maturity	_	_	1.62



# PIMCO Short-Term I2 PTSPX

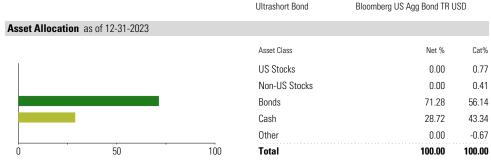
Style Analysis as of 12-31-2023
Style Breakdown
Fixed Income

Quality

G:

Ltd Mod Ext
Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	53.10	3.53	44.82
AA	4.06	74.59	17.31
A	20.73	10.82	16.11
BBB	21.56	8.32	17.65
BB	0.16	0.28	1.86
В	0.16	0.00	0.80
Below B	0.23	0.00	0.23
Not Rated	0.00	2 46	1 21



**Morningstar Category** 

**Morningstar Index** 

Sector Weighting as of 12-	31-2023								
Doctor Froighting do or 12	Fund	Bmark	Cat	Fund	▼ Benchmai	k Category A	Average		
Government	20.84	_	19.93						
Treasury	11.24	_	15.82		:				
Inflation – Protected	0.38	_	0.00	Ď					
Agency/Quasi Agency	6.79	_	1.98						
Other Government Related	2.43	_	2.13	0					
Corporate	24.04	-	27.77						
Corporate Bond	24.04	_	27.07						
Bank Loan	0.00	_	0.63	i []					
Convertible	0.00	_	0.05	Ö					
Preferred	0.00	_	0.02						
Securitized	27.36	-	23.06						
Agency MBS Pass-Through	0.49	_	0.37	0					
Agency MBS ARM	0.10	_	0.25	0					
Agency MBS CMO	0.76	_	1.87						
Non-Agency Residential MBS	2.11	_	0.04						
Commercial MBS	2.97	_	2.46						
Asset-Backed	20.93	_	18.07						
Covered Bond	0.00	_	0.00						
Municipal	0.10	_	0.66	i [					
Cash & Equivalents	22.45	-	26.78					ı [	
Other	5.09	_	1.76						
				0%	5 1	n 15	20	25	30

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	-	25.43	25.43	_
☆ Offset: Unsettled Trades	_	19.56	44.99	_
⊕ United States Treasury Bills 0%	11-2023	13.47	58.46	_
⊖ CDX IG41 5Y ICE	12-2028	9.01	67.46	_
⊇ Year Treasury Note Future Dec 23	12-2023	7.45	74.92	-
	12-2023	5.98	80.90	_
→ 3 Month SOFR Future Dec 24	03-2025	4.87	85.76	_
⊕ United States Treasury Bills 0%	01-2024	4.19	89.95	_
⊕ 3 Month SOFR Future Sept 23	12-2023	3.82	93.77	_
	11-2023	3.07	96.84	_

⊕ Increase ⊕ Decrease ❖ New to Portfolio

Total Holdings 1057





# Vanguard 500 Index Admiral VFIAX

**Morningstar Category** Large Blend

Morningstar Index S&P 500 TR USD

## Portfolio Manager(s)

Michelle Louie since 11-2017 Nick Birkett since 08-2023 Aaron Choi since 08-2023

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 6.09 years.

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

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

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000





Net Expe	ense		
4.87			► Fund Investment
4.33			Category Median
3.79			<ul> <li>Peer Group Median</li> </ul>
3.25			Quartile Rank
2.71			
2.16			
1.62			
1.08	4		
0.54			
0.00		····•	
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	6	32	Percentile
10	01/1691	165/518	Rank

3-1 cai nisk inchiics			
	Fund	Bmark	Cat
Alpha	_	-	-
Beta	_	-	-
R-Squared	_	-	-
Standard Deviation	17.54	-	17.04
Sharpe Ratio	_	-	-
Tracking Error	_	-	-
Information Ratio	_	-	-
Up Capture Ratio	_	-	-
Down Capture Ratio	-	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.61	23.61	22.67
Price/Book Ratio	4.20	4.19	4.67
Geom Avg Mkt Cap \$B	241.88	241.61	282.66
ROE	31.53	31.50	30.87



# Vanguard 500 Index Admiral VFIAX

Asset Allocation as of 12-31-2023

#### **Morningstar Category** Morningstar Index Large Blend S&P 500 TR USD

Net %

99.17

0.56

0.00

0.27

0.00

100.00

Cat%

95.35

2.42

-0.53

1.50

1.24

100.00

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

15	24	43	Laige
6	9	3	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



				_	- ·
		Fund	Bmark	Cat	Fund Benchmark Category Average
b	Cyclical	28.24	28.24	28.24	
A.	Basic Materials	2.20	2.19	2.75	
<b>A</b>	Consumer Cyclical	11.02	11.01	10.16	
	Financial Services	12.50	12.52	13.17	
<b>fi</b>	Real Estate	2.52	2.52	2.16	
M	Sensitive	50.64	50.65	49.61	
	Communication Services	8.58	8.58	8.09	
ð	Energy	3.89	3.89	4.29	
Ф	Industrials	8.36	8.37	9.99	<u> </u>
	Technology	29.81	29.81	27.24	
<b>→</b>	Defensive	21.13	21.12	22.15	
=	Consumer Defensive	6.11	6.11	6.37	
٠	Healthcare	12.67	12.67	13.60	
•	Utilities	2.35	2.34	2.18	

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.02	7.02	48.91	Technology
	6.97	13.99	57.96	Technology
⊕ Amazon.com Inc	3.44	17.43	80.88	Consumer Cyclical
	3.05	20.48	238.98	Technology
	2.06	22.54	58.32	Communication Svc
⊕ Meta Platforms Inc Class A	1.96	24.50	194.13	Communication Svc
	1.75	26.25	58.83	Communication Svc
⊕ Tesla Inc	1.71	27.96	101.72	Consumer Cyclical
→ Berkshire Hathaway Inc Class B	1.62	29.58	15.46	Financial Services
∋ JPMorgan Chase & Co	1.23	30.81	29.87	Financial Services
⊕ Broadcom Inc	1.22	32.03	103.05	Technology
⊕ UnitedHealth Group Inc	1.21	33.24	0.68	Healthcare
⊕ Eli Lilly and Co	1.16	34.40	60.57	Healthcare
⇒ Visa Inc Class A	1.03	35.43	26.21	Financial Services
Exxon Mobil Corp	1.00	36.43	-6.02	Energy

Total Holdings 508

⊕ 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 14.02 years.
- Q Net Expense: The fund's expense ratio of 0.31 is 69.61% lower than the Foreign Large Growth category average.

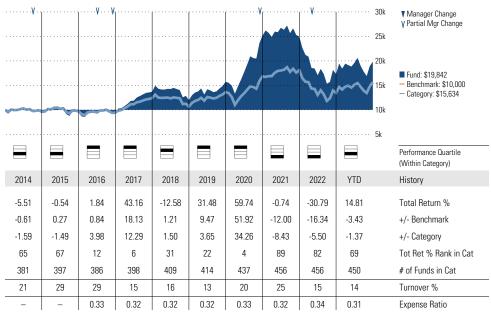
### **Morningstar Investment Management LLC Analysis**

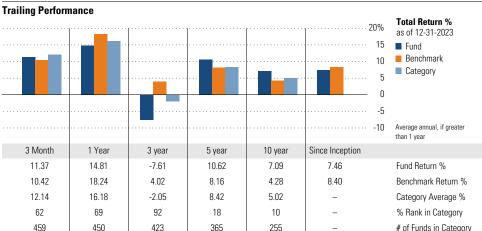
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

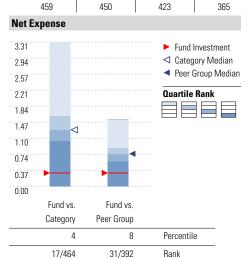
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022

# Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	-	_
Standard Deviation	22.73	-	19.82
Sharpe Ratio	_	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	13.79	21.19
Price/Book Ratio	3.26	1.72	3.30
Geom Avg Mkt Cap \$B	54.71	50.39	64.62
ROE	16.82	18.88	24.42



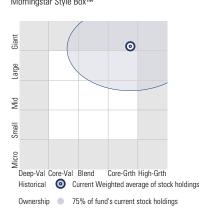
# Vanguard International Growth Adm VWILX

### **Morningstar Category** Foreign Large Growth

Morningstar Index

MSCI EAFE NR USD

# Style Analysis as of 12-31-2023 Morningstar Style Box™





50

Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.92	0.66
Cash	2.04	2.81
Bonds	0.00	0.00
Non-US Stocks	81.58	88.63
US Stocks	15.46	7.90
Asset Glass	INEL 70	Gdl 70

# Style Breakdown

Fauity

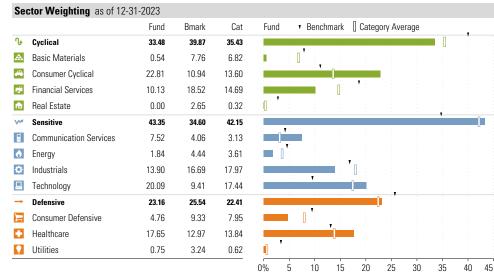
Lquity		
8	29	42
2	7	12
0	0	0



Value Blend Growth

# Weight %

>50 25-50 10-25 0-10



100

# World Regions % Equity 12-31-2023



Greater Asia	Fund % 29.19	Cat % 26.33
Japan	7.46	11.92
Australasia	0.94	1.56
Asia-4 Tigers	7.60	5.60
Asia-ex 4 Tigers	13.19	7.25
Not Classified	0.00	0.00

Fund % 23.74	Cat % 16.61	Greater Europe	Fund % 47.08	Cat % 57.07	Market Maturity	Fund %
16.83	14.13	United Kingdom	7.59	12.56	Developed Markets	79.91
6.91	2.48	W euro-ex UK	38.02	44.00	Emerging Markets	20.09
		Emrgng Europe	0.00	0.04	Not Available	0.00
		Africa	1.47	0.47		
	23.74 16.83	23.74 16.61 16.83 14.13	23.74 16.61 Greater Europe  16.83 14.13 United Kingdom 6.91 2.48 W euro-ex UK Emrgng Europe	23.74     16.61     Greater Europe     47.08       16.83     14.13     United Kingdom     7.59       6.91     2.48     W euro-ex UK     38.02       Emrgng Europe     0.00	23.74     16.61     Greater Europe     47.08     57.07       16.83     14.13     United Kingdom     7.59     12.56       6.91     2.48     W euro-ex UK     38.02     44.00       Emrgng Europe     0.00     0.04	23.74         16.61         Greater Europe         47.08         57.07         Market Maturity           16.83         14.13         United Kingdom         7.59         12.56         Developed Markets           6.91         2.48         W euro-ex UK         38.02         44.00         Emerging Markets           Emrgng Europe         0.00         0.04         Not Available

# **Top 10 Holdings** as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.17	5.17	85.71	Consumer Cyclical
	4.84	10.01	_	Technology
<ul><li>Spotify Technology SA</li></ul>	3.27	13.28	138.01	Communication Svc
⊕ argenx SE	3.08	16.36	_	Healthcare
Tencent Holdings Ltd	2.96	19.32	-	Communication Svc
	2.88	22.20	_	Technology
Moderna Inc	2.38	24.58	-44.63	Healthcare
Genmab A/S	2.12	26.70	_	Healthcare
Ferrari NV	2.09	28.79	58.91	Consumer Cyclical
Atlas Copco AB Class A	1.99	30.78	_	Industrials

## **Total Holdings 158**

⊕ 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 13.6 years.
- × Style: The fund has landed in its primary style box Large Value 33.33 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

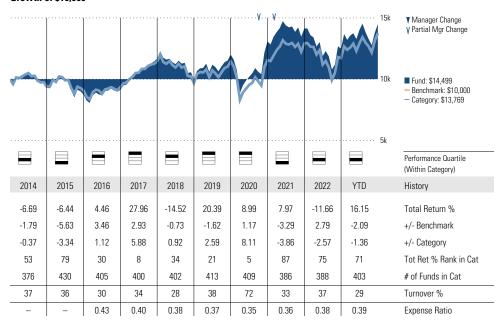
## **Morningstar Investment Management LLC Analysis**

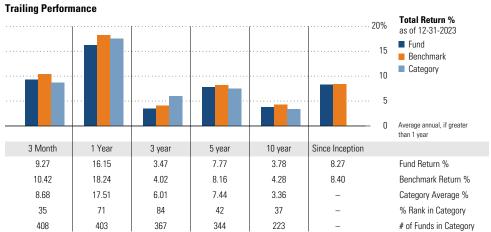
This fund fails the style consistency screen. Its largest underlying subadvisor employs a relative value approach, which can include more growth-leaning stocks, causing the fund to plot near the border of the value and blend column in the Morningstar Stylebox.

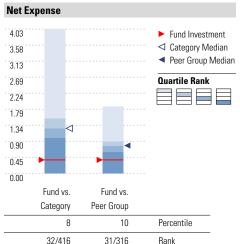
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022

### Growth of \$10,000

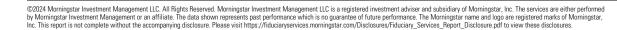






3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	17.31	_	17.29
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.12	13.79	10.26
Price/Book Ratio	1.70	1.72	1.23
Geom Avg Mkt Cap \$B	32.73	50.39	37.72
ROE	17.22	18.88	15.40



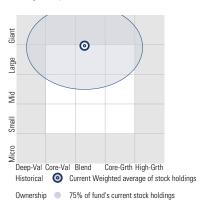


# Vanguard International Value Inv VTRIX

# Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

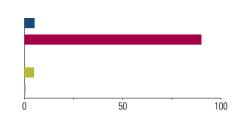
Equity

24	35	21	Large
3	12	3	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.40	0.21
Cash	4.70	1.17
Bonds	0.00	0.16
Non-US Stocks	89.90	95.44
US Stocks	5.01	3.01
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	43.43	39.87	42.87	
A.	Basic Materials	10.46	7.76	8.76	
A	Consumer Cyclical	15.97	10.94	10.76	
æ	Financial Services	16.17	18.52	22.14	Y [
<b>fi</b>	Real Estate	0.83	2.65	1.21	
W	Sensitive	40.07	34.60	35.96	<u>`</u>
	Communication Services	4.86	4.06	5.11	
ð	Energy	6.71	4.44	8.70	
Ф	Industrials	18.01	16.69	14.93	
	Technology	10.49	9.41	7.22	
<b>→</b>	Defensive	16.49	25.54	21.17	
Ħ	Consumer Defensive	6.14	9.33	8.08	
+	Healthcare	8.37	12.97	9.28	
•	Utilities	1.98	3.24	3.81	
					0% 5 10 15 20 25 30 35 40 49

# World Regions % Equity 12-31-2023



Greater Asia	Fund % 37.96	Cat % 30.27	
			,
Japan Australasia	12.02 0.59	16.70 3.52	1
Asia-4 Tigers	11.16	7.30	,
Asia-ex 4 Tigers	14.19	2.75	
Not Classified	0.00	0.00	

Americas	Fund % 11.72	Cat % 8.91	Greater Europe	Fund % 50.32	Cat % 60.81	Market Maturity	Fund %
North America	7.44	7.81	United Kingdom	16.08	18.08	Developed Markets	81.26
Central/Latin	4.28	1.10	W euro-ex UK	33.98	41.85	Emerging Markets	18.74
			Emrgng Europe	0.00	0.14	Not Available	0.00
			Africa	0.26	0.74		

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	4.08	4.08	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.15	6.23	_	Consumer Cyclical
→ HSBC Holdings PLC	1.69	7.92	40.02	Financial Services
Airbus SE	1.49	9.40	_	Industrials
⊕ Tencent Holdings Ltd	1.47	10.87	_	Communication Svc
⊕ Shell PLC	1.44	12.31	_	Energy
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.38	13.69	_	Technology
⊕ Roche Holding AG	1.32	15.01	_	Healthcare
Ryanair Holdings PLC ADR	1.31	16.32	78.38	Industrials
→ BP PLC	1.29	17.61	_	Energy

# Total Holdings 230

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# Vanguard Mid-Cap Growth Index Admiral VMGMX

Growth of \$10,000

1.58

6.48

5

655

17

-0.58

0.72

40

21

0.07

-0.03

51

682

23

-3.44

-2.08

65

605

23

0.07

-0.85

1.05

46

601

25

0.07

-1.61

1.34

42

608

18

0.07

### **Morningstar Category** Mid-Cap Growth

-2.12

-1.05

64

606

22

0.07

-2.73

1.77

34

603

Morningstar Index

Russell Mid Cap Growth TR USD

+/- Benchmark

+/- Category

Turnover %

Expense Ratio

Tot Ret % Rank in Cat

# of Funds in Cat

### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Mid-Cap Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- × Management: The fund's management team has been in place for less than three years.
- Style: The fund has landed in its primary style box Mid-Cap Growth — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 93.4% lower than the Mid-Cap Growth category average.

## **Morningstar Investment Management LLC Analysis**

This fund fails the manager tenure screen. Although the managers on this fund are relatively recent additions, they are experienced at Vanguard, and the team-managed, wellestablished process of running index funds at Vanguard means that such changes are not concerning.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### ...V...V 35k ▼ Manager Change V Partial Mgr Change Fund: \$26.214 Benchmark: \$10,000 15k - Category: \$23,233 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 13.48 -0.98 6.75 21.83 -5.60 33.86 34.48 20.48 -28.84 23.14 Total Return % -0.78 -1.11 7.75

-4.78

44

597

22

0.07

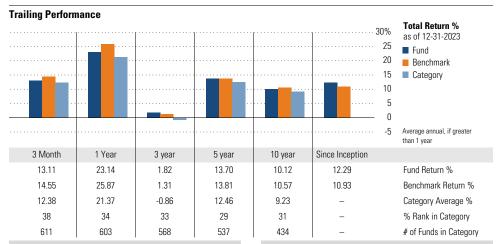
7.43

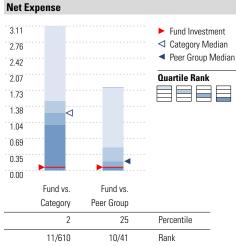
19

600

25

0.07





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	21.60	_	22.03
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.77	26.78	27.96
Price/Book Ratio	5.18	8.34	5.61
Geom Avg Mkt Cap \$B	30.73	23.17	20.97
ROE	18.11	25.12	17.17





# Vanguard Mid-Cap Growth Index Admiral VMGMX

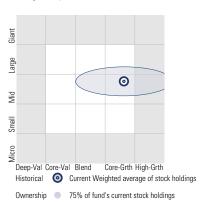
# Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

# Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

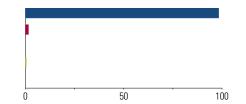
Lquity			
0	8	8	Large
3	34	46	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.00	0.78
Cash	0.30	1.69
Bonds	0.00	0.11
Non-US Stocks	1.45	4.02
US Stocks	98.24	93.41
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	₹ [	Bench	mark	Cate	gory A	veraç	je		
Դ	Cyclical	24.35	24.13	27.23										
4	Basic Materials	2.43	0.88	2.08										
4	Consumer Cyclical	8.68	12.82	12.24			٠							
÷	Financial Services	6.13	8.71	10.12		[								
<b>fi</b>	Real Estate	7.11	1.72	2.79										
M	Sensitive	60.26	53.92	50.92										
	Communication Services	5.60	3.95	3.60										
ð	Energy	5.84	3.81	3.20										
<b>Ģ</b>	Industrials	17.89	18.22	17.15				ľ.						
	Technology	30.93	27.94	26.97										
<b>-</b>	Defensive	15.40	21.94	21.85										
	Consumer Defensive	1.88	2.80	2.66										
٠	Healthcare	12.94	18.68	18.66			ı							
•	Utilities	0.58	0.46	0.53	ĺ									

Top 15 Holdings as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	1.84	1.84	31.31	Technology
⊕ Arista Networks Inc	1.82	3.65	94.07	Technology
⊕ TransDigm Group Inc	1.65	5.30	66.22	Industrials
⊕ Cintas Corp	1.62	6.92	34.55	Industrials
⊕ Motorola Solutions Inc	1.61	8.53	22.89	Technology
⊕ Welltower Inc	1.55	10.08	41.28	Real Estate
Microchip Technology Inc     Microch	1.51	11.59	30.63	Technology
⊕ DexCom Inc	1.49	13.08	9.58	Healthcare
⊕ MSCI Inc	1.32	14.40	22.79	Financial Services
⊕ Copart Inc	1.31	15.71	60.95	Industrials
⊕ IQVIA Holdings Inc	1.31	17.02	12.93	Healthcare
⊕ Realty Income Corp	1.29	18.30	-4.65	Real Estate
⊕ Hess Corp	1.23	19.54	2.88	Energy
⊕ Old Dominion Freight Line Inc Ordinary Shares	1.23	20.77	43.40	Industrials
⊕ Cheniere Energy Inc	1.20	21.97	14.92	Energy

### **Total Holdings 153**

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Vanguard Mid-Cap Value Index Admiral VMVAX

Growth of \$10,000

Morningstar Category
Mid-Cap Value

**Morningstar Index** Russell Mid Cap Value TR USD

▼ Manager Change

Expense Ratio

V Partial Mgr Change

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

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

This fund fails the manager tenure screen. Although the managers on this fund are relatively recent additions, they are experienced at Vanguard, and the team-managed, well-established process of running index funds at Vanguard means that such changes are not concerning.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# V V V 25k

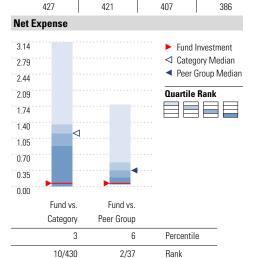


#### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 11.51 9.76 9.18 11.31 8.49 11.84 12.11 12.71 8.36 11.16 8.26 11.25 Benchmark Return % 11.38 13 94 10 44 7 70 11.76 Category Average % 48 77 65 55 27 % Rank in Category 295 # of Funds in Category

0.07

0.07

0.07



0.07

0.07

0.07

0.07

3- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	_	-	-
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	18.77	_	19.16
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	-	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	16.74	14.75
Price/Book Ratio	2.18	2.21	1.97
Geom Avg Mkt Cap \$B	25.28	18.30	13.75
ROE	16.39	13.52	14.25





# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

■ Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

2	6	0	Falge
42	47	2	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

50

Asset Allocation as of 12-31-2023



		Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	ory Ave	erage		
b	Cyclical	42.70	42.89	41.33									ľ
ė.	Basic Materials	7.39	6.09	5.18									
<b>-</b>	Consumer Cyclical	8.25	10.38	11.59			<b>"</b> []						
ê	Financial Services	17.88	15.63	18.32					<b>[</b> ]				
b	Real Estate	9.18	10.79	6.24			_ '						
NF	Sensitive	30.33	39.58	36.27								0	
	Communication Services	2.64	3.56	2.95		ľ.							
	Energy	3.20	5.35	6.09					_				
þ	Industrials	15.47	18.53	17.12					]				
1	Technology	9.02	12.14	10.11									
÷	Defensive	26.97	17.52	22.41			•						
7	Consumer Defensive	6.00	3.46	6.56									
ì	Healthcare	8.77	6.96	9.23			<b>=</b> [						
?	Utilities	12.20	7.10	6.62									

100

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.38	1.38	54.43	Industrials
	1.31	2.69	20.44	Financial Services
Carrier Global Corp Ordinary Shares	1.30	4.00	41.08	Industrials
→ PG&E Corp	1.24	5.24	10.95	Utilities
⊕ D.R. Horton Inc	1.16	6.40	71.67	Consumer Cyclical
	1.16	7.56	33.61	Basic Materials
⊕ ONEOK Inc	1.11	8.66	12.69	Energy
Digital Realty Trust Inc	1.10	9.77	39.08	Real Estate
○ Centene Corp	1.07	10.84	-9.51	Healthcare
	1.06	11.90	54.45	Industrials
○ United Rentals Inc	1.05	12.95	63.00	Industrials
	1.04	13.99	23.69	Financial Services
Prudential Financial Inc	1.01	15.00	9.30	Financial Services
→ Allstate Corp	0.99	15.99	5.86	Financial Services
① Otis Worldwide Corp Ordinary Shares	0.99	16.98	15.92	Industrials

Total Holdings 202



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

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
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	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	21.73	_	20.76
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	35.05	38.46	33.75
Price/Book Ratio	2.36	2.42	2.44
Geom Avg Mkt Cap \$B	23.58	9.35	33.46
ROE	11.38	9.56	14.91



# Vanguard Real Estate Index Admiral VGSLX

#### Morningstar Index **Morningstar Category** Real Estate

S&P United States REIT TR USD

Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

0	27	6	Large
4	40	6	MIG
5	11	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.00	10.87
Cash	0.92	0.92
Bonds	0.00	3.00
Non-US Stocks	0.02	0.87
US Stocks	99.06	84.34
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchmark	Category Average
·	Cyclical	99.16	99.13	99.30				
4	Basic Materials	0.00	0.00	0.04	j			
)	Consumer Cyclical	0.00	0.13	1.73	i0			
ì	Financial Services	0.00	0.00	0.27	İ			
ì	Real Estate	99.16	99.00	97.26				
ø	Sensitive	0.84	0.87	0.64	0			
	Communication Services	0.84	0.00	0.18	Ď			
)	Energy	0.00	0.00	0.02	<u>i</u>			
ŀ	Industrials	0.00	0.87	0.25	Ď i			
1	Technology	0.00	0.00	0.19	İ			
•	Defensive	0.00	0.00	0.06	ĺ			
÷	Consumer Defensive	0.00	0.00	0.00	j			
	Healthcare	0.00	0.00	0.01	j			
1	Utilities	0.00	0.00	0.05	i i			

100

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	13.19	13.19	_	_
	7.64	20.83	21.33	Real Estate
	6.24	27.07	4.94	Real Estate
	4.67	31.74	25.17	Real Estate
○ Crown Castle Inc	3.10	34.84	-10.46	Real Estate
	2.99	37.83	13.14	Real Estate
	2.81	40.64	27.76	Real Estate
─ Welltower Inc	2.80	43.43	41.28	Real Estate
	2.52	45.96	-4.65	Real Estate
	2.40	48.36	39.08	Real Estate
— CoStar Group Inc	2.21	50.57	13.08	Real Estate
⊕ Extra Space Storage Inc	2.10	52.67	13.34	Real Estate
	1.79	54.46	20.96	Real Estate
→ VICI Properties Inc Ordinary Shares	1.74	56.20	3.36	Real Estate
	1.71	57.90	-8.28	Real Estate

**Total Holdings** 165



# 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 19.01 years.

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

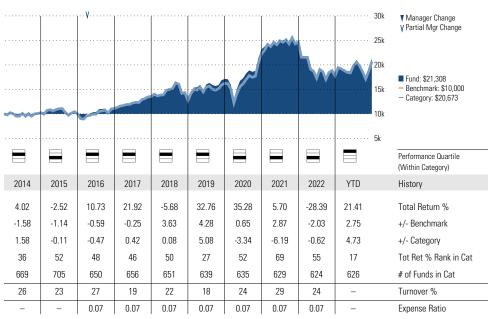
#### **Morningstar Investment Management LLC Analysis**

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

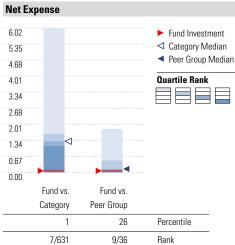
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category 10 5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 13.12 21.41 -2.78 10.54 7.86 11.36 12.75 18.66 -3.50 9.22 7.16 9.40 Benchmark Return % -2 29 10 99 8 09 11 49 16.68 Category Average % 24 17 58 54 53 % Rank in Category 631 626 592 555 433 # of Funds in Category



3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	21.73	_	21.94
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	-	_
Up Capture Ratio	-	-	_
Down Capture Ratio	-	-	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.77	21.91	26.28
Price/Book Ratio	3.91	3.98	3.80
Geom Avg Mkt Cap \$B	6.54	3.00	5.97
ROE	9.50	9.00	15.98



# Vanguard Small Cap Growth Index Admiral VSGAX

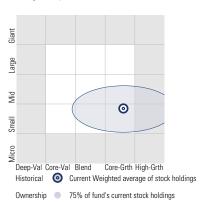
Morningstar Category

Small Growth

Morningstar Index Russell 2000 Growth TR USD

Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

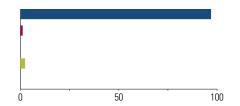
-quit,			
0	0	0	Large
0	15	26	Mid
5	22	32	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.00	1.19
Cash	2.21	2.00
Bonds	0.00	0.03
Non-US Stocks	0.96	4.37
US Stocks	96.83	92.40
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
<u></u>	Cyclical	25.70	21.96	24.36	<b>1</b>
Å.	Basic Materials	2.29	4.57	3.08	
Д	Consumer Cyclical	12.99	10.05	10.83	
<del>,</del>	Financial Services	4.82	5.65	8.11	
<b>fi</b>	Real Estate	5.60	1.69	2.34	
W	Sensitive	52.12	49.40	51.10	
d	Communication Services	2.60	1.90	1.57	
ð	Energy	5.13	4.46	4.41	
Ф	Industrials	18.23	18.20	19.88	
	Technology	26.16	24.84	25.24	
<b>-</b>	Defensive	22.19	28.63	24.54	
Ħ	Consumer Defensive	3.67	4.87	4.60	
+	Healthcare	17.70	22.18	19.20	, , , , , , , , , , , , , , , , , , ,
•	Utilities	0.82	1.58	0.74	
					0% 5 10 15 20 25 30 35 40 45 50 5

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	1.92	1.92	_	_
→ PTC Inc	0.85	2.77	45.75	Technology
	0.83	3.60	20.71	Energy
⊕ Axon Enterprise Inc	0.79	4.39	55.69	Industrials
	0.77	5.17	83.29	Technology
Deckers Outdoor Corp	0.74	5.91	67.46	Consumer Cyclical
→ Vertiv Holdings Co Class A	0.71	6.62	251.79	Industrials
⊕ DraftKings Inc Ordinary Shares - Class A	0.64	7.25	209.48	Consumer Cyclical
Graco Inc	0.63	7.89	30.39	Industrials
⊕ Dynatrace Inc Ordinary Shares	0.62	8.51	42.79	Technology
⊖ Lennox International Inc	0.62	9.12	88.89	Industrials
○ Nordson Corp	0.58	9.71	12.24	Industrials
⊕ Exact Sciences Corp	0.58	10.28	49.42	Healthcare
→ Watsco Inc Class A	0.57	10.86	75.73	Industrials
	0.57	11.43	77.36	Technology

### **Total Holdings 641**



# 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 7.68 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 93.75% lower than the Small Value category average.

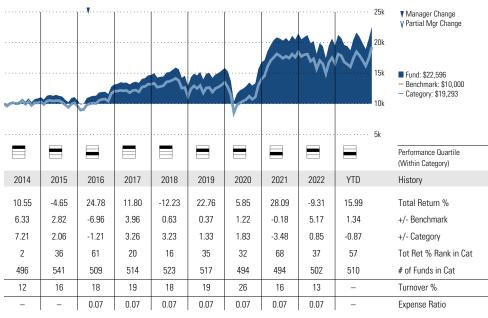
#### **Morningstar Investment Management LLC Analysis**

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

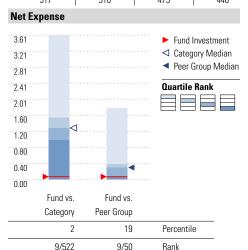
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium 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 KISK Welrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	20.55	-	21.43
Sharpe Ratio	_	-	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.58	11.08	13.11
Price/Book Ratio	1.76	1.33	1.61
Geom Avg Mkt Cap \$B	5.62	2.06	4.28
ROE	13.57	6.04	13.93



# Vanguard Small Cap Value Index Admiral VSIAX

# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

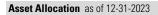
Equity

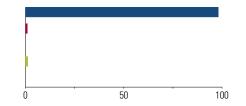
-quit,			
0	0	0	Large
14	15	3	Mid
32	31	6	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.07
Cash	1.06	3.27
Bonds	0.00	0.10
Non-US Stocks	0.88	3.13
US Stocks	98.06	93.45
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2023													
		Fund	Bmark	Cat	Fund	•	Benchmar	rk [	Categ	jory Av	erage				
Դ	Cyclical	50.27	52.87	50.05											•
A	Basic Materials	6.11	5.10	6.35											
A	Consumer Cyclical	13.96	10.91	14.59											
<del>,</del>	Financial Services	19.88	24.11	23.02											
命	Real Estate	10.32	12.75	6.09			▼ :								
W	Sensitive	35.57	30.99	37.51						- 1		]			
	Communication Services	2.44	2.22	1.87											
•	Energy	4.74	8.86	8.17											
Ф	Industrials	20.77	12.49	18.00											
	Technology	7.62	7.42	9.47											
<b>→</b>	Defensive	14.16	16.14	12.42											
Ħ	Consumer Defensive	4.09	3.31	4.26											
٠	Healthcare	6.23	8.97	5.52		0									
•	Utilities	3.84	3.86	2.64											
					0%	5 10	) 15	20	25	30	35	40	45	50	55

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	0.74	0.74	_	_
→ Builders FirstSource Inc	0.69	1.43	157.31	Industrials
→ Booz Allen Hamilton Holding Corp Class A	0.56	1.99	24.18	Industrials
□ IDEX Corp	0.55	2.54	-3.81	Industrials
⊕ Bunge Global SA	0.55	3.08	3.76	Consumer Defensive
⊖ Reliance Steel & Aluminum Co	0.54	3.62	40.13	Basic Materials
	0.53	4.16	6.12	Utilities
∃abil Inc	0.52	4.67	87.27	Technology
○ Carlisle Companies Inc	0.51	5.18	33.94	Industrials
→ First Citizens BancShares Inc Class A	0.48	5.66	87.62	Financial Services
	0.48	6.14	16.32	Basic Materials
	0.44	6.59	5.43	Real Estate
→ Owens-Corning Inc	0.44	7.03	76.21	Industrials
⇒ AECOM	0.42	7.45	9.68	Industrials
⊖ Gaming and Leisure Properties Inc	0.42	7.87	0.79	Real Estate

### **Total Holdings 858**



# Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category Target-Date 2020 Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2020 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 10.86 years.

Net Expense: The fund's expense ratio of 0.08 is 85.96% lower than the Target-Date 2020 category average.

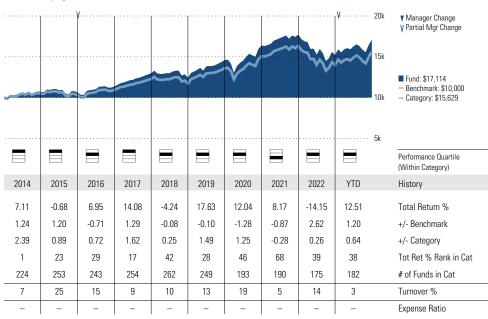
#### **Morningstar Investment Management LLC Analysis**

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.

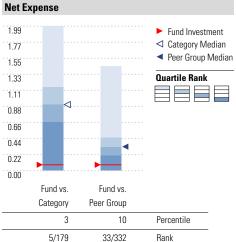
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000

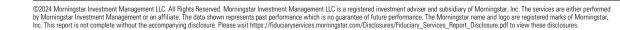






3-Year RISK Welfics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	10.04	-	10.30
Sharpe Ratio	_	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	-	_
Down Capture Ratio	_	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	18.56	18.37
Price/Book Ratio	2.45	2.53	2.64
Avg Eff Duration	5.78	-	5.31





# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Index** Morningstar Lifetime Mod 2020 TR USD **Morningstar Category** Target-Date 2020

## Style Analysis as of 12-31-2023

Morningstar Style Box™



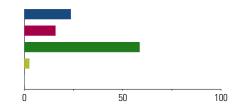
## Style Breakdown

Equity	/			Fixed	Income		Quality
17	26	32	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Durat	Mod ion	Ext	_

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.04	7.32
Cash	2.35	2.98
Bonds	58.49	44.83
Non-US Stocks	15.67	16.63
US Stocks	23.44	28.24
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	4	▼ Ben	chmark	- I r	tonon	Avera	an			
ղ.	Cyclical	34.14	38.07	35.30	Tuni		Delli	LIIIIair	.    00	itegury	Avera	ye I	7		
_	-					V.									
A.	Basic Materials	4.59	4.34	4.78		<b>—</b> .l	Ţ								
A	Consumer Cyclical	11.02	10.53	10.58			III)	į							
<del>(</del>	Financial Services	15.45	14.58	15.54											
<b>fi</b>	Real Estate	3.08	8.62	4.40			•								
W	Sensitive	45.45	42.32	44.71											
	Communication Services	6.92	6.10	6.54											
•	Energy	4.77	4.39	5.42											
Ф	Industrials	11.46	11.39	11.14											
	Technology	22.30	20.44	21.61											
<b>-</b>	Defensive	20.43	19.60	20.00					<u> </u>						
Ħ	Consumer Defensive	6.54	6.08	6.03											
+	Healthcare	11.25	10.80	11.63											
•	Utilities	2.64	2.72	2.34											
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 7 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II ldx Inv	_	33.35	33.35	_	_
→ Vanguard Total Stock Mkt Idx InstI PIs	-	23.56	56.91	_	_
Ovanguard Total Intl Stock Index Inv	-	16.05	72.95	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	14.61	87.56	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	11.67	99.23	-	-
⊕ Mktliq 12/31/2049	_	0.77	100.00	-	-
⊕ Us Dollar	_	0.00	100.01	_	_

#### Total Holdings 7

# Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category Target-Date 2025 Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2025 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 10.86 years.

Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2025 category average.

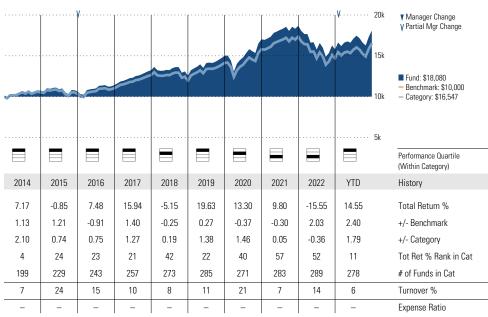
#### **Morningstar Investment Management LLC Analysis**

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.

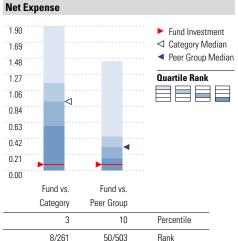
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022









3-1 cai nisk wienics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	11.60	_	11.01
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	18.36	18.52
Price/Book Ratio	2.45	2.50	2.64
Avg Eff Duration	6.13	-	6.11



# Vanguard Target Retirement 2025 Fund VTTVX

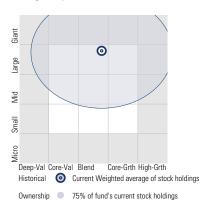
Quality High MidLow

**Morningstar Category** Target-Date 2025

**Morningstar Index** Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

Weight %

Equity				rixeu ii	icome	
17	26	32	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		l td	Mod	Fxt

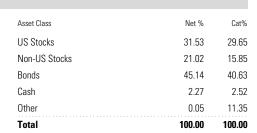
Eivad Incomo

Duration

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2023





Sec	ctor Weighting as of 12-3	31-2023													
		Fund	Bmark	Cat	Fund		• Ben	chmark	[] Ca	ategory	Avera	ge			
<u></u>	Cyclical	34.15	38.06	35.28											
ů.	Basic Materials	4.60	4.43	4.43		Ó									
Д	Consumer Cyclical	11.03	10.60	10.70											
æ	Financial Services	15.45	14.76	15.21											
<b>fi</b>	Real Estate	3.07	8.27	4.94			7								
M	Sensitive	45.46	42.29	44.62											
	Communication Services	6.92	6.07	6.67											
	Energy	4.77	4.41	5.00											
<b>Ģ</b>	Industrials	11.45	11.52	10.92											
	Technology	22.32	20.29	22.03											
<b>→</b>	Defensive	20.39	19.65	20.11											
=	Consumer Defensive	6.52	6.11	6.09											
ř	Healthcare	11.24	10.80	11.47											
•	Utilities	2.63	2.74	2.55											
					0%	5	10	15	20	25	30	35	40	45	_

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	31.69	31.69	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	28.34	60.03	_	_
◆ Vanguard Total Intl Stock Index Inv	_	21.52	81.55	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	12.44	93.99	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	5.03	99.02	-	-
⊕ Mktliq 12/31/2049	_	0.99	100.00	_	_
─ Us Dollar	_	0.00	100.01	_	_

#### Total Holdings 7



# Vanguard Target Retirement 2030 Fund VTHRX

Morningstar Category Target-Date 2030 Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2030 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 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

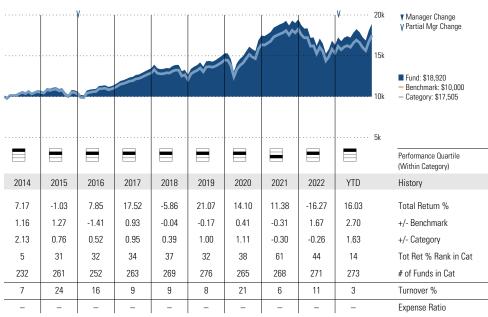
#### **Morningstar Investment Management LLC Analysis**

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.

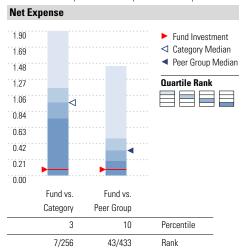
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
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.

3-1 car bisk intenies			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	12.65	_	12.29
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	-	_	-
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.86	18.17	18.42
Price/Book Ratio	2.46	2.46	2.69
Avg Eff Duration	6.56	-	6.67



# Vanguard Target Retirement 2030 Fund VTHRX

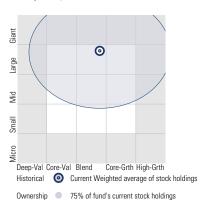
Asset Allocation as of 12-31-2023

**Morningstar Category** Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



Large

## Style Breakdown

Equity 25 32 17 5 6 8

Mid 2 3 2

Value Blend Growth

MidLow Mod Ltd Duration

Fixed Income Quality High

## Weight %

>50 25-50 10-25 0-10

	Asset Class	Net %	Cat%
	US Stocks	37.24	35.23
	Non-US Stocks	24.40	19.60
	Bonds	36.29	32.00
	Cash	2.03	1.47
	Other	0.04	11.70
0 -	50 <b>Total</b>	100.00	100.00

		Fund	Bmark	Cat	Fund	ł	▼ Bend	chmark	l C:	ategory	Avera	ae		
وا	Cyclical	34.09	38.00	34.25									•	
ì.	Basic Materials	4.57	4.55	4.38		•								
•	Consumer Cyclical	11.03	10.68	10.99										
٥	Financial Services	15.42	14.94	15.62										
à	Real Estate	3.07	7.83	3.26		]	7							
Ųľ	Sensitive	45.48	42.32	45.27										
	Communication Services	6.93	6.05	6.62										
	Energy	4.75	4.46	5.01										
ž	Industrials	11.42	11.65	11.46										
1	Technology	22.38	20.16	22.18										
+	Defensive	20.42	19.69	20.48										
Ţ	Consumer Defensive	6.52	6.14	6.24										
1	Healthcare	11.26	10.80	11.70										
2	Utilities	2.64	2.75	2.54										

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	37.43	37.43	_	_
① Vanguard Total Bond Market II ldx Inv	_	25.58	63.01	_	-
Vanguard Total Intl Stock Index Inv	_	24.98	87.99	_	-
Vanguard Total Intl Bd II Idx Insl	_	11.03	99.02	_	-
① Mktliq 12/31/2049	-	0.98	99.99	-	-
① Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6



# Vanguard Target Retirement 2035 Fund VTTHX

Morningstar Category Target-Date 2035 Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

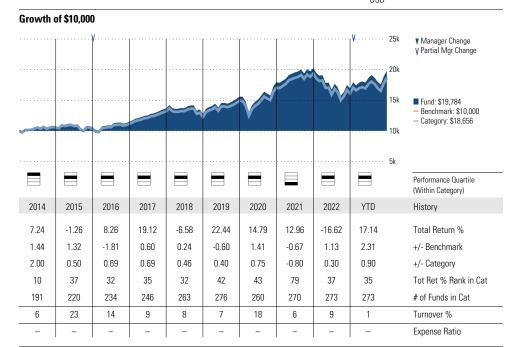
- Performance: The fund has finished in the Target-Date
  2035 category's top three quartiles in 9 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2035 category average.

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

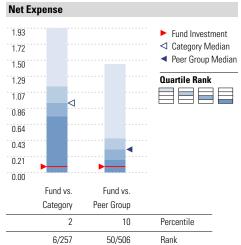
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	13.48	_	13.61
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	-
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.97	18.43
Price/Book Ratio	2.47	2.43	2.66
Avg Eff Duration	6.56	_	7.08





# Vanguard Target Retirement 2035 Fund VTTHX

Quality

High

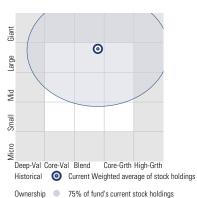
Mid

Low

**Morningstar Index** Morningstar Lifetime Mod 2035 TR USD **Morningstar Category** Target-Date 2035

## Style Analysis as of 12-31-2023

Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

## Style Breakdown

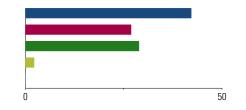
Equity 32 17 25 8

Large Mid 5 6 2 3 2

Value Blend Growth

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

## Asset Allocation as of 12-31-2023



Asset Class Net % Cat% US Stocks 42.13 41.55 Non-US Stocks 26.83 22.01 Bonds 28.84 22.82 Cash 2.15 1.82 Other 0.05 11.80 100.00 Total 100.00

à.	Cyclical	24.04		Cat	Fund	J.	<ul><li>Benefit</li></ul>	. II Uc	ategory	Avela		
		34.01	37.90	34.43					3. 7		1	
_	Basic Materials	4.54	4.64	4.43								
•	Consumer Cyclical	11.02	10.77	10.90								
	Financial Services	15.37	15.12	15.34								
à	Real Estate	3.08	7.37	3.76			'					
ŲF.	Sensitive	45.57	42.37	45.14								
	Communication Services	6.95	6.03	6.73								
	Energy	4.74	4.51	4.98								
)	Industrials	11.38	11.80	11.17		:						
3	Technology	22.50	20.03	22.26								
+	Defensive	20.42	19.73	20.43								
	Consumer Defensive	6.51	6.16	6.20								
3	Healthcare	11.28	10.80	11.69								
1	Utilities	2.63	2.77	2.54								

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	42.35	42.35	_	_
◆ Vanguard Total Intl Stock Index Inv	-	27.47	69.81	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	20.32	90.14	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	_	8.77	98.91	_	-
⊕ Mktliq 12/31/2049	-	1.09	100.00	-	_
⊕ Us Dollar	_	0.00	100.00	_	_

Total Holdings 6



# Vanguard Target Retirement 2040 Fund VFORX

Morningstar Category Target-Date 2040 Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Expense Ratio

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

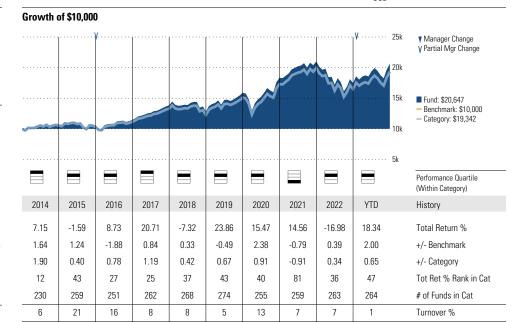
- Q Performance: The fund has finished in the Target-Date
   2040 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2040 category average.

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

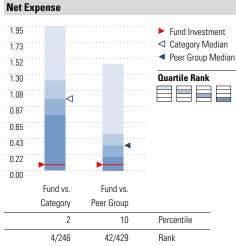
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	14.30	_	14.71
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	_
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.78	18.34
Price/Book Ratio	2.48	2.39	2.66
Avg Eff Duration	6.56	-	7.59





# Vanguard Target Retirement 2040 Fund VFORX

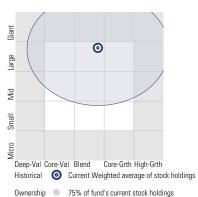
Quality High MidLow

**Morningstar Category** Target-Date 2040

**Morningstar Index** Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Weight %

Equity				Fixed	Income
17	25	32	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

>50 25-50 10-25 0-10

# 50

Asset Allocation as of 12-31-2023

Asset Class Net % Cat% US Stocks 48.07 46.58 Non-US Stocks 29.67 26.58 Bonds 21.79 13.45 Cash 1.90 1.65 Other 0.05 10.26 100.00 100.00

		Fund	Bmark	Cat	Fund	1	▼ Ben	chmark	. I Ca	ategory	Avera	ae		
<u></u>	Cyclical	34.01	37.87	34.47								<b>=</b> [	1	
	Basic Materials	4.54	4.74	4.49										
-	Consumer Cyclical	11.02	10.84	10.98										
ê	Financial Services	15.37	15.29	15.47										
b	Real Estate	3.08	7.00	3.53										
M	Sensitive	45.60	42.36	44.99										
	Communication Services	6.96	6.01	6.61										
•	Energy	4.75	4.54	5.17										
<b>‡</b>	Industrials	11.39	11.92	11.38					į					
3	Technology	22.50	19.89	21.83					<u> </u>					
+	Defensive	20.42	19.76	20.53										
7	Consumer Defensive	6.51	6.19	6.18			_							
7	Healthcare	11.28	10.79	11.86										
?	Utilities	2.63	2.78	2.49										

Total

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	46.83	46.83	_	_
◆ Vanguard Total Intl Stock Index Inv	-	30.36	77.19	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	15.40	92.60	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	6.58	99.18	_	-
⊕ Mktliq 12/31/2049	-	0.82	99.99	-	_
⊕ Us Dollar	_	0.01	100.00	_	_

Total Holdings 6



# Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category Target-Date 2045 Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Expense Ratio

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date
2045 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 10.86 years.

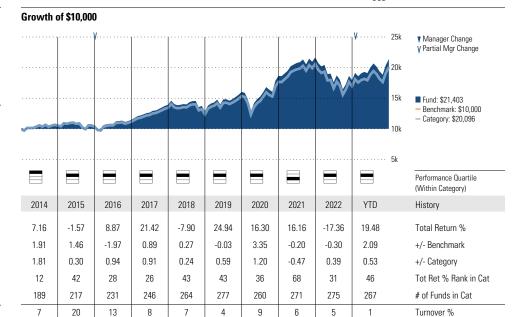
Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2045 category average.

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

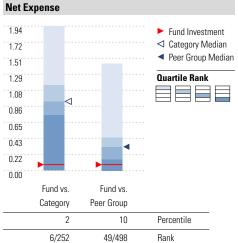
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-1 cai nisk intenies			
	Fund	Bmark	Cat
Alpha	_	_	-
Beta	_	_	_
R-Squared	_	_	-
Standard Deviation	15.16	_	15.47
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.62	18.37
Price/Book Ratio	2.48	2.36	2.63
Avg Eff Duration	6.55	-	8.66





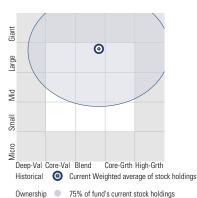
# Vanguard Target Retirement 2045 Fund VTIVX

#### **Morningstar Category** Target-Date 2045

**Morningstar Index** Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

Equity				Fixed Ir	ncome
17	25	32	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Rland	Growth		Ltd	Mod

High Μid Low Ltd Mod Duration

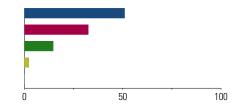
Quality

Value Blend Growth

>50 25-50 10-25 0-10

Weight %

## Asset Allocation as of 12-31-2023



Asset Class Net % Cat% US Stocks 50.88 51.35 Non-US Stocks 32.38 27.47 Bonds 14.53 8.96 Cash 2.16 1.47 Other 0.06 10.76 100.00 100.00 Total

		Fund	Bmark	Cat	Fund	,	Bend	hmark	Ca	ategory	Avera	ge	_	
b	Cyclical	34.00	37.97	34.69									1	
ì.	Basic Materials	4.54	4.84	4.50										
•	Consumer Cyclical	11.03	10.89	10.89										
)	Financial Services	15.36	15.43	15.27										
ò	Real Estate	3.07	6.81	4.03										
Ųľ	Sensitive	45.57	42.27	44.89										
	Communication Services	6.95	5.97	6.68										
•	Energy	4.74	4.56	5.03										
þ	Industrials	11.38	12.03	11.18										
2	Technology	22.50	19.71	22.00										
+	Defensive	20.42	19.74	20.42										
=	Consumer Defensive	6.50	6.20	6.18			_							
ř	Healthcare	11.28	10.75	11.77										
?	Utilities	2.64	2.79	2.47										

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	51.14	51.14	_	_
	-	33.15	84.29	_	_
	_	10.32	94.61	_	-
⊕ Vanguard Total Intl Bd II ldx Insl	_	4.34	98.95	_	-
⊕ Mktliq 12/31/2049	-	1.03	99.99	-	_
⊕ Us Dollar	-	0.01	100.00	_	_

## Total Holdings 6



# Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category Target-Date 2050 Morningstar Index Morningstar Lifetime Mod 2050 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

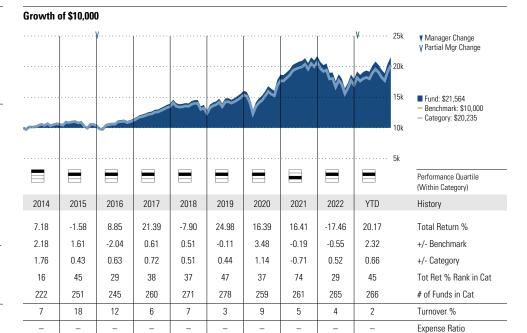
- ❷ Performance: The fund has finished in the Target-Date
  2050 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2050 category average.

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

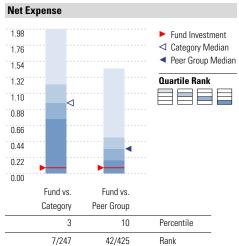
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	15.53	-	15.84
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.84	17.48	18.37
Price/Book Ratio	2.45	2.33	2.63
Avg Eff Duration	6.54	-	9.43



# Vanguard Target Retirement 2050 Fund VFIFX

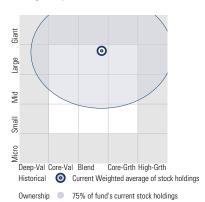
Quality High Mid

#### **Morningstar Category** Target-Date 2050

**Morningstar Index** Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



# Style Breakdown

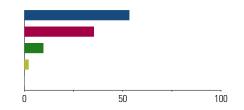
Equity				rixeu	income	
17	25	32	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		l td	Mod	F

Duration

>50 25-50 10-25 0-10

Weight %

## Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.07	9.74
Cash	1.99	1.42
Bonds	9.48	6.68
Non-US Stocks	35.23	28.57
US Stocks	53.23	53.58
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	Ч	▼ Ben	chmark	l Ca	atenory	Avera	ne			
Դ	Cyclical	34.13	38.17	34.87	Tun	<i>u</i>	Don	oriii i dan		nogory	711010		<b>-</b>		
æ.	Basic Materials	4.59	4.92	4.50											
<b>A</b>	Consumer Cyclical	11.03	10.92	10.89											
ê	Financial Services	15.43	15.54	15.32		:									
th.	Real Estate	3.08	6.79	4.16		۱[									
M	Sensitive	45.46	42.12	44.82											
d	Communication Services	6.92	5.93	6.63											
•	Energy	4.76	4.58	5.02											
\$	Industrials	11.43	12.11	11.26					1						
3	Technology	22.35	19.50	21.91											
+	Defensive	20.41	19.70	20.30											
=	Consumer Defensive	6.52	6.20	6.15											
٠	Healthcare	11.25	10.71	11.73											
•	Utilities	2.64	2.79	2.42		'									
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl PIs	_	53.50	53.50	_	_
◆ Vanguard Total Intl Stock Index Inv	-	36.07	89.57	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	6.85	96.42	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.72	99.14	_	_
⊕ Mktliq 12/31/2049	-	0.84	99.98	-	_
⊕ Us Dollar	_	0.02	100.00	_	_

#### Total Holdings 6



# Vanguard Target Retirement 2055 Fund VFFVX

Morningstar Category Target-Date 2055 Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Expense Ratio

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date
 2055 category's top three quartiles in 9 of the 10 years it's
 been in existence.

Management: The fund's management has been in place for 10.86 years.

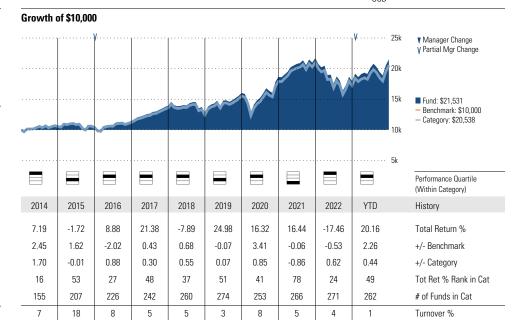
Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2055 category average.

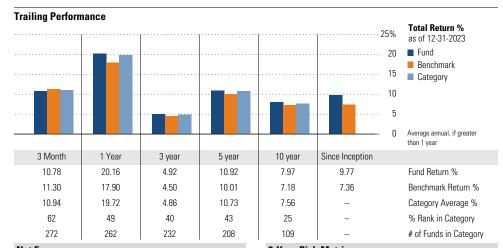
### **Morningstar Investment Management LLC Analysis**

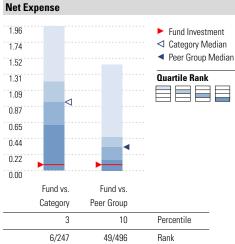
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

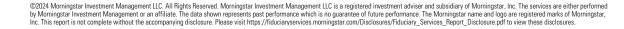






3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	15.53	-	16.01
Sharpe Ratio	-	-	_
Tracking Error	-	-	_
Information Ratio	-	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	17.36	18.23
Price/Book Ratio	2.45	2.30	2.63
Avg Eff Duration	6.54	_	10.33



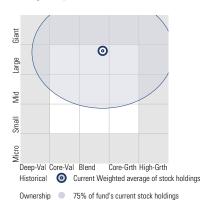


# Vanguard Target Retirement 2055 Fund VFFVX

**Morningstar Category** Target-Date 2055 **Morningstar Index** Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

Lquity			
17	25	32	Large
6	8	5	Mid
2	3	2	Small

Value Blend Growth

Fixed Income

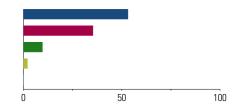
Quality

Given the second of t

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2023



Asset Class Net % Cat% US Stocks 53.10 52.19 Non-US Stocks 35.28 28.51 Bonds 9.58 6.36 Cash 1.96 1.85 Other 0.07 11.08 100.00 Total 100.00

Sec	ctor Weighting as of 12-	31-2023													
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmarl	( [] Ca	ategory	Avera	ge			
<u></u>	Cyclical	34.11	38.46	34.85											
A	Basic Materials	4.59	5.00	4.59											
A	Consumer Cyclical	11.02	10.94	10.94											
<del>,</del>	Financial Services	15.43	15.64	15.53											
<b>fi</b>	Real Estate	3.07	6.88	3.79		10	'								
W	Sensitive	45.46	41.92	45.21											
	Communication Services	6.93	5.88	6.69											
•	Energy	4.76	4.60	5.06											
Ф	Industrials	11.44	12.16	11.38				'							
	Technology	22.33	19.28	22.08											
<b>-</b>	Defensive	20.41	19.63	19.97											
Ħ	Consumer Defensive	6.52	6.20	6.04											
+	Healthcare	11.25	10.64	11.55											
•	Utilities	2.64	2.79	2.38		7									
					0%	5	10	15	20	25	30	35	40	45	5

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.37	53.37	_	_
Vanguard Total Intl Stock Index Inv	_	36.13	89.50	_	_
Vanguard Total Bond Market II ldx Inv	_	6.97	96.47	_	-
Vanguard Total Intl Bd II Idx Insl	_	2.71	99.18	_	-
① Mktliq 12/31/2049	-	0.81	99.98	-	_
① Us Dollar	_	0.02	100.00	-	_

## Total Holdings 6

# Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category Target-Date 2060 Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

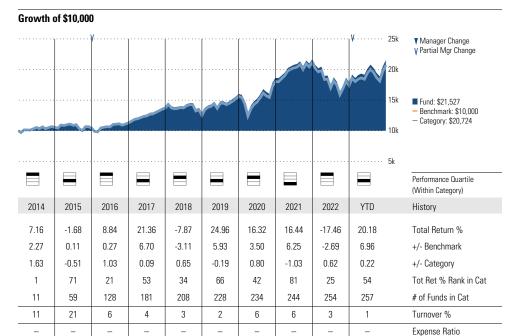
- Performance: The fund has finished in the Target-Date
   2060 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2060 category average.

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

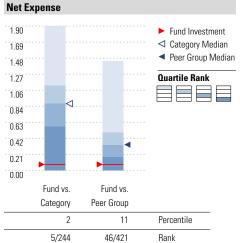
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	_	_
R-Squared	_	-	_
Standard Deviation	15.52	_	16.08
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	17.11	18.07
Price/Book Ratio	2.45	2.23	2.55
Avg Eff Duration	6.54	-	9.40





# **Vanguard Target Retirement 2060 Fund** VTTSX

#### **Morningstar Category Morningstar Index** Target-Date 2060

Morningstar Mod Tgt Risk TR USD

Net %

53.05

35.31

9.52

2.08

0.07

100.00

Cat%

45.91

31.01

6.47

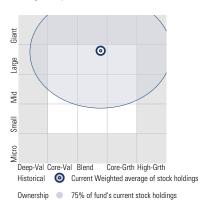
1.69

14.93

100.00

## Style Analysis as of 12-31-2023

Morningstar Style Box™

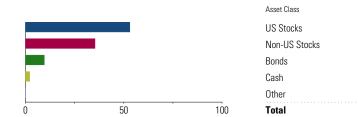


## Style Breakdown

Equity				Fixed I	ncome		Quality
17	25	32	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duration	Mod	Ext	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund	4	▼ Bend	chmark	- I c	ategory	Δvera	ne		
<b>Դ</b>	Cyclical	34.13	39.51	35.37	Turk		DOTT	Jillian	. [] 0	ategory	AVGIU	gc ■ ∏		
<u>.</u>	Basic Materials	4.59	5.17	4.97		-1						_ "		
<b>A</b>	Consumer Cyclical	11.03	11.03	10.81		-								
÷	Financial Services	15.44	16.29	15.36										
æ	Real Estate	3.07	7.02	4.23		[								
M	Sensitive	45.46	38.94	44.35									1	
	Communication Services	6.92	5.65	6.53										
ð	Energy	4.77	4.93	5.24				_						
Ф	Industrials	11.44	12.35	11.69				' i						
	Technology	22.33	16.01	20.89				- 1						
<b>→</b>	Defensive	20.40	21.56	20.29										
=	Consumer Defensive	6.52	6.82	6.17										
٠	Healthcare	11.24	11.59	11.81										
•	Utilities	2.64	3.15	2.31		'								

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.31	53.31	_	_
Vanguard Total Intl Stock Index Inv	_	36.15	89.47	_	_
① Vanguard Total Bond Market II Idx Inv	_	6.87	96.34	_	_
① Vanguard Total Intl Bd II Idx Insl	_	2.73	99.07	_	_
① Mktliq 12/31/2049	-	0.91	99.98	-	-
⊕ Us Dollar	_	0.02	100.00	-	-

## Total Holdings 6



# Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category Target-Date 2065+ Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Walter Nejman since 07-2017 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

- Q Performance: The fund has finished in the Target-Date
   2065+ category's top three quartiles in 4 of the 6 years it's been in existence.
- Management: The fund's management has been in place for 6.47 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

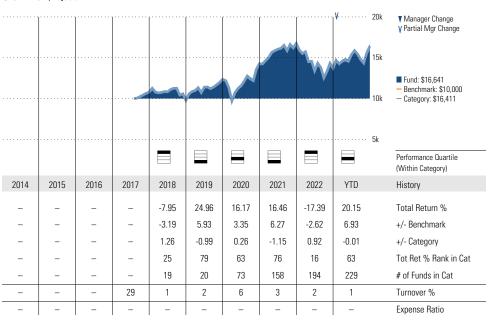
#### **Morningstar Investment Management LLC Analysis**

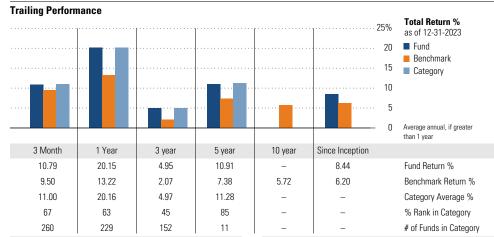
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

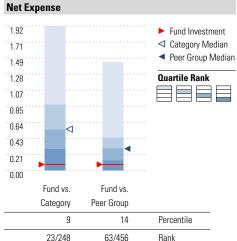
#### **ESG Metrics**

Metric	Rating	Updated			
Sustainability Rating	3	11-30-2023			
Carbon Risk Score	Low Risk	12-31-2022			
ESG Commitment	1-Low	02-15-2022			

#### Growth of \$10,000







3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	-	_	-
Standard Deviation	15.52	_	16.23
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	17.83	17.11	17.78				
Price/Book Ratio	2.45	2.23	2.50				
Avg Eff Duration	6.54	_	9.29				





# Vanguard Target Retirement 2065 Fund VLXVX

#### **Morningstar Category Morningstar Index** Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

Cat%

44.70

31.85

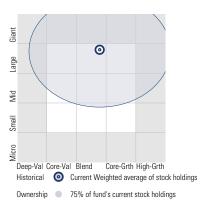
11.09

1.54

10.82

Style Analysis as of 12-31-2023

Morningstar Style Box™







#### Style Breakdown Equity Fixed Income Quality Large High 32 17 25 MidΜid 5 6 8 Low 2 2 3 Value Blend Growth Ltd Mod Duration Weight % >50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	. [] Ca	ategory	Avera	ge	_	
b	Cyclical	34.13	39.51	35.23										
	Basic Materials	4.59	5.17	4.94										
-	Consumer Cyclical	11.02	11.03	10.92										
<u></u>	Financial Services	15.44	16.29	15.94										
b	Real Estate	3.08	7.02	3.43		(								
NF	Sensitive	45.45	38.94	44.98									1	
	Communication Services	6.92	5.65	6.68										
	Energy	4.76	4.93	5.19				_						
þ	Industrials	11.44	12.35	11.70				' :						
1	Technology	22.33	16.01	21.41				- 1						
+	Defensive	20.41	21.56	19.80										
7	Consumer Defensive	6.52	6.82	6.22										
1	Healthcare	11.25	11.59	11.21										
?	Utilities	2.64	3.15	2.37		'								

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.27	53.27	_	_
① Vanguard Total Intl Stock Index Inv	_	36.07	89.34	_	_
① Vanguard Total Bond Market II ldx Inv	_	6.85	96.19	_	_
① Vanguard Total Intl Bd II Idx Insl	_	2.72	98.91	_	_
① Mktliq 12/31/2049	-	1.09	100.00	-	-
⊕ Us Dollar	_	0.00	100.00	-	-

## Total Holdings 6

# Vanguard Target Retirement 2070 Fund VSVNX

#### Morningstar Category Target-Date 2065+

Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Walter Nejman since 06-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

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

- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

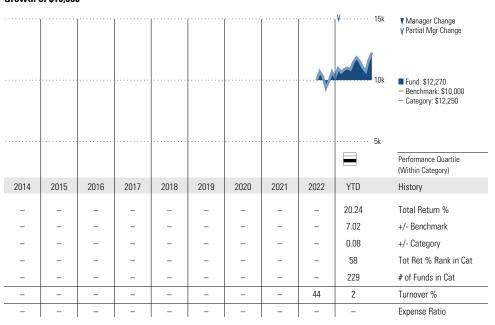
#### **Morningstar Investment Management LLC Analysis**

This fund fails the manager tenure screen due to a limited history for this target-date vintage.

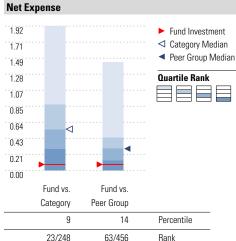
#### **ESG Metrics**

Metric	Rating	Updated			
Sustainability Rating	3	11-30-2023			
Carbon Risk Score	Low Risk	12-31-2022			

#### Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	_	_	16.23
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.85	17.11	17.78
Price/Book Ratio	2.46	2.23	2.50
Avg Eff Duration	6.55	-	9.29



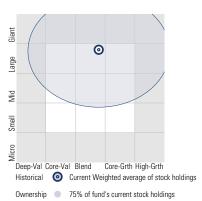
# Vanguard Target Retirement 2070 Fund VSVNX

#### **Morningstar Category Morningstar Index** Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2023

Morningstar Style Box™





Fund

34.10

4.57

11.03

15.42

3.08

45.48

6.93

4.76

11.43

22.36

20.42

6.52

11.26

2.64

Bmark

39.51

5.17

11.03

16 29

7.02

38.94

5.65

4.93

12.35

16.01

21.56

6.82

11.59

3.15

Cat

Fund

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Asset Class Net % Cat% US Stocks 53.38 44.70 Non-US Stocks 35.14 31.85 Bonds 9.88 11.09 Cash 1.54 1.54 Other 0.07 10.82 Total 100.00 100.00

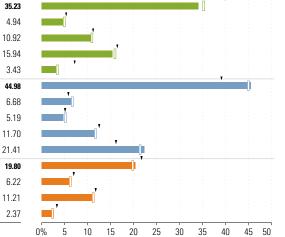
## Style Breakdown

Equity				Fixed I	ncome		Quality
17	25	32	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	_

	æ.	Basic Materials
	A	Consumer Cyclical
-	æ	Financial Services
	fit	Real Estate
-	W	Sensitive
		Communication Services
	•	Energy
	Ф	Industrials
		Technology
	<b>→</b>	Defensive
i	Ħ	Consumer Defensive
	+	Healthcare

Utilities

Cyclical



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

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx InstI Pls	_	53.65	53.65	_	_
Vanguard Total Intl Stock Index Inv	-	35.98	89.63	_	-
Vanguard Total Bond Market II ldx Inv	-	7.07	96.69	_	_
Vanguard Total Intl Bd II Idx Insl	-	2.91	99.61	_	_
⊕ Mktliq 12/31/2049	-	0.27	99.88	-	_
⊕ Us Dollar	-	0.12	100.00	-	-

Total Holdings 6



# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category** Target-Date Retirement Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date Retirement 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 10.86 years.

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

Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date Retirement category average.

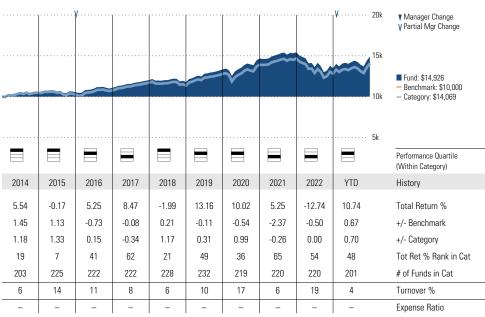
#### **Morningstar Investment Management LLC Analysis**

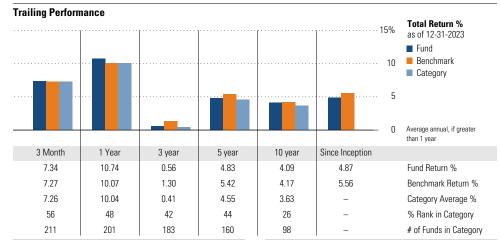
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

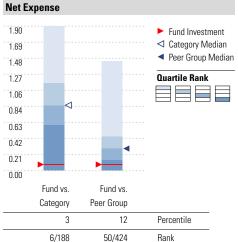
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000







2-1 cai iliak Michica			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	_	-	_
R-Squared	-	-	_
Standard Deviation	8.48	-	8.92
Sharpe Ratio	_	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.81	18.71	18.00
Price/Book Ratio	2.45	2.58	2.50
Avg Eff Duration	5.63	-	6.24





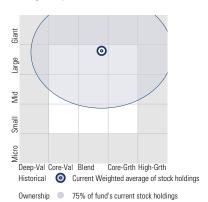
# Vanguard Target Retirement Income Fund VTINX

#### **Morningstar Category** Target-Date Retirement

**Morningstar Index** Morningstar Lifetime Mod Incm TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



# 50 100

Asset Allocation as of 12-31-2023

Asset Class Net % Cat% US Stocks 22.91 17.50 Non-US Stocks 11.71 13.99 Bonds 68.26 46.72 Cash 2.49 3.63 Other 0.04 12.75 100.00 100.00 Total

## Style Breakdown

Lquity				TINGU
17	26	32	Large	
6	8	5	Mid	
2	3	2	Small	
Value	Blend	Growth		Ltd



Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	t	▼ Ben	chmark	Ca	ategory	Avera	ge		
b	Cyclical	34.15	37.76	36.78									1	
÷.	Basic Materials	4.60	4.18	4.59										
<b>£</b>	Consumer Cyclical	11.02	10.02	10.51										
ê	Financial Services	15.44	14.48	15.70										
b	Real Estate	3.09	9.08	5.98			•							
NF	Sensitive	45.47	42.43	43.96										
	Communication Services	6.93	6.26	6.42										
•	Energy	4.77	4.62	5.05										
<b>‡</b>	Industrials	11.46	11.29	11.03			0		_					
2	Technology	22.31	20.26	21.46										
+	Defensive	20.38	19.81	19.26										
=	Consumer Defensive	6.52	6.06	5.90										
ř	Healthcare	11.22	10.93	10.79										
2	Utilities	2.64	2.82	2.57		'								

<b>Top 7 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Bond Market II Idx Inv	_	37.31	37.31	_	_
→ Vanguard Total Stock Mkt Idx Instl Pls	-	17.58	54.90	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	16.22	71.12	_	_
◆ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.20	87.32	_	_
⇒ Vanguard Total Intl Stock Index Inv	_	11.99	99.31	_	-
⊕ Mktliq 12/31/2049	_	0.71	100.02	-	-
⊕ Us Dollar	-	0.02	100.05	_	_

#### Total Holdings 7

