## American Century Inflation Adjs Bond R5 AIANX

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 Inflation-Protected 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.

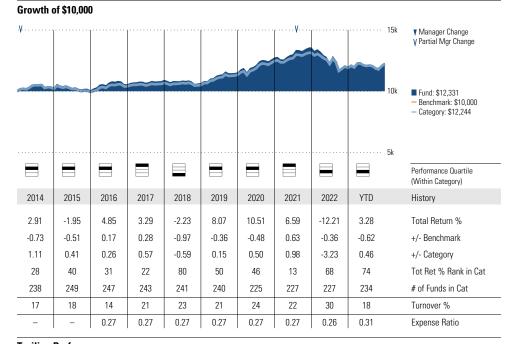
Net Expense: The fund's expense ratio of 0.31 is 50% lower than the Inflation-Protected Bond category average.

#### **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



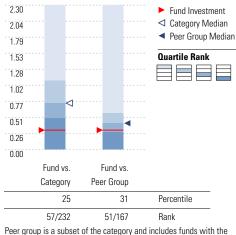
Morningstar Category

Inflation-Protected Bond



Avg Eff Duration

Avg Eff Maturity



44	-	% F	Rank in Cate	gory
152	-	# of	Funds in Ca	ategory
<b>3-Year Risk</b>	Metrics			
		Fund	Bmark	Cat
Alpha		-	-	-
Beta		-	-	-
R-Squared		-	-	-
Standard Devia	ation	7.34	-	6.62
Sharpe Ratio		-	-	-
Tracking Error		-	-	-
Information Ra	tio	-	-	-
Up Capture Ra	tio	-	-	-
Down Capture	Ratio	-	-	-
Portfolio M	letrics			

Fund

7 17

6.53

	51/252	51/10/	Hum	
eer group	is a subset of the	category and in	cludes funds with the	
ame mana	agement style (act	ive vs. passive)	and similar share class	
haracteris	tics.			

sa ch

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Bmark

4 52

Cat

6.01

6.37

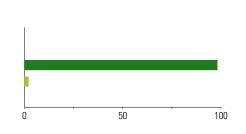
Morningstar Index Bloomberg US Treasury US TIPS TR

USD

# American Century Inflation Adjs Bond R5 AIANX

## Style Analysis as of 12-31-2023





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

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

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	۲	Ber	nchn	nark	Cate	egor	y Av	erag	e			
Government	93.84	-	90.21							_	-					(
Treasury	0.00	-	0.25	]												
Inflation - Protected	62.73	-	84.48			-							Ę.		[	
Agency/Quasi Agency	0.00	-	0.08	0												
Other Government Related	31.11	_	5.40													
Corporate	0.69	-	1.15	I)												
Corporate Bond	0.69	-	1.10	I)												
Bank Loan	0.00	-	0.04	0												
Convertible	0.00	-	0.00	0												
Preferred	0.00	-	0.01	D												
Securitized	3.17	-	3.65													
Agency MBS Pass-Through	0.69	-	1.35	I)												
Agency MBS ARM	0.00	-	0.00													
Agency MBS CMO	0.01	-	0.25	0												
Non-Agency Residential MBS	0.03	-	0.09	0												
Commercial MBS	0.30	-	0.17	0												
Asset-Backed	2.14	-	1.62													
Covered Bond	0.00	-	0.17	0												
Municipal	0.00	_	0.01	]												
Cash & Equivalents	2.29	-	4.88													
Other	0.00	-	0.12	[												

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

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 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	-
⊕ Future on Ultra 10 Year US Treasury Note	12-2023	4.89	22.99	-
⊕ United States Treasury Notes 0.625%	01-2024	3.68	26.67	_
⊕ United States Treasury Notes 0.125%	04-2027	3.61	30.28	-
⊕ United States Treasury Notes 0.125%	10-2025	3.60	33.88	-
$\oplus$ United States Treasury Bonds 2%	01-2026	3.52	37.39	-
$\oplus$ United States Treasury Notes 0.5%	01-2028	2.80	40.19	-
⊕ United States Treasury Notes 0.125%	04-2026	2.61	42.80	-
⊕ United States Treasury Notes 0.125%	01-2031	2.54	45.33	-

#### Total Holdings 143

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Blo Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

## American Funds AMCAP R6 RAFGX

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.

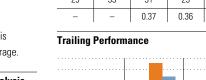
Net Expense: The fund's expense ratio of 0.34 is 63.44% lower than the Large Growth category average.

#### **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



Net Expense 6.43 Fund Investment Category Median 5.72 Peer Group Median 5.00 4.29 Quartile Rank 3.57 2.86 2.14 1.43 0.7 0.00 Fund vs Fund vs Category Peer Group 8 q Percentile 96/1324 88/985 Rank

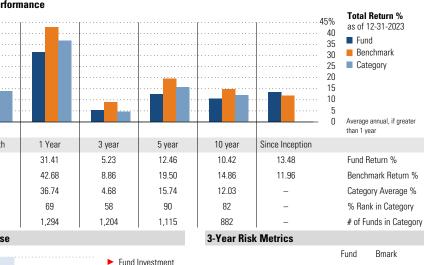
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

¥	¥.¥		,¥	¥¥	γγ.	<b>v</b>		ļ¥	35k	▼ Manager Change V Partial Mgr Change
								A	30k	
				~~~~					20k 20k 15k	Fund: \$26,950 - Benchmark: \$10,000 - Category: \$29,873
									····· 5k	
										Performance Quartile (Within Category)
2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	History
12.48	1.11	9.37	22.41	-1.58	26.74	21.79	24.07	-28.53	31.41	Total Return %
-0.57	-4.56	2.29	-7.80	-0.07	-9.65	-16.70	-3.53	0.61	-11.27	+/- Benchmark
2.48	-2.49	6.14	-5.26	0.51	-5.16	-14.07	3.62	1.38	-5.33	+/- Category
26	72	7	83	44	89	85	39	43	69	Tot Ret % Rank in Cat
1,435	1,500	1,339	1,276	1,311	1,264	1,256	1,270	1,276	1,294	# of Funds in Cat
29	33	31	25	27	32	27	35	28	31	Turnover %
_	-	0.37	0.36	0.36	0.36	0.34	0.33	0.33	0.33	Expense Ratio



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

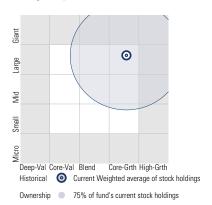
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	28.09	33.00	31.29
Price/Book Ratio	5.15	10.90	8.04
Geom Avg Mkt Cap \$B	99.58	427.90	440.36
ROE	26.39	40.31	34.88

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# American Funds AMCAP R6 RAFGX

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



#### Style Breakdown



### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Microsoft Corp	5.80	5.80	57.96	Technology
eq Capital Group Central Cash Fund	5.20	11.01	-	-
∋ Broadcom Inc	3.11	14.12	103.05	Technology
$\ni$ UnitedHealth Group Inc	2.63	16.75	0.68	Healthcare
⊖ Amazon.com Inc	2.37	19.12	80.88	Consumer Cyclical
⊖ TransDigm Group Inc	2.33	21.45	66.22	Industrials
	2.20	23.65	58.32	Communication Svc
$\ni$ Mastercard Inc Class A	2.13	25.78	23.31	Financial Services
	1.83	27.61	194.13	Communication Svc
⇒ Abbott Laboratories	1.76	29.37	2.11	Healthcare
$\oplus$ Eli Lilly and Co	1.61	30.98	60.57	Healthcare
$\oplus$ Thermo Fisher Scientific Inc	1.57	32.55	-3.36	Healthcare
$\ni$ Alphabet Inc Class C	1.35	33.90	58.83	Communication Svc
$\ni$ Hilton Worldwide Holdings Inc	1.35	35.25	44.58	Consumer Cyclical
$\ominus$ Old Dominion Freight Line Inc Ordinary Shares	1.30	36.56	43.40	Industrials

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

50

Fund

27.15

1.63

15.62

9.15

0.75

48.65

8.77

0.94

13.62

25.32

24.21

4.80

19.41

0.00

Bmark

23.41

0.65

15.72

6.09

0.95

61.76

11.36

0.50

5.21

44 69

14.83

4.14

10.63

0.06

100

#### Total Holdings 210

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

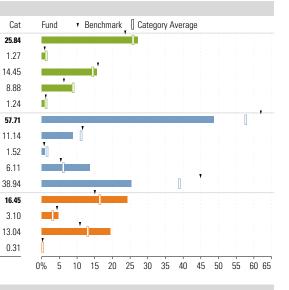
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**Morningstar Category** Morningstar Index Large Growth

Russell 1000 Growth TR USD

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



## American Funds American Balanced R6 RLBGX

#### Portfolio Manager(s)

i ordono managor(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.

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

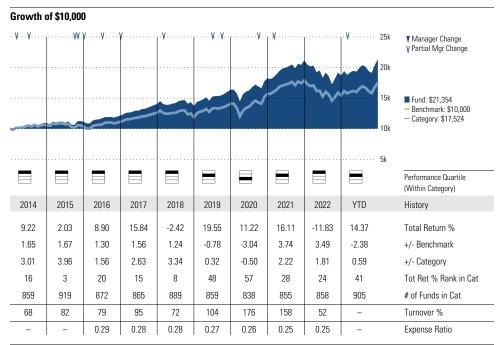
Net Expense: The fund's expense ratio of 0.25 is 75% lower than the Moderate Allocation category average.

#### **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







#### 4.92 Fund Investment Category Median 4.37 Peer Group Median 3.83 3.28 Quartile Rank 2.73 2.19 1.64 1.09 0.55 0.00 Fund vs Fund vs Peer Group Category 2 8 Percentile 17/932 54/683 Rank

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



20%

15

10

5

Λ

Average annual, if greater than 1 year

Fund Return %	
Benchmark Return %	
Category Average %	
% Rank in Category	

# of Funds in Category

#### **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

	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

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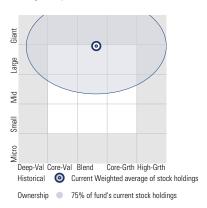


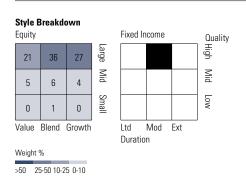
**Morningstar Category** Moderate Allocation

Morningstar Index Morningstar US Mod Tgt Alloc NR USD

# American Funds American Balanced R6 RLBGX

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





# 

Asset Allocation as of 12-31-2023

#### Asset Class Net % Cat% US Stocks 54.22 47.03 Non-US Stocks 7.07 9.63 Bonds 31.03 35.74 Cash 4.24 3.61 3.44 Other 4.00 Total 100.00 100.00

# Fund Benchmark Category Average

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

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
$\oplus$ Philip Morris International Inc	-	1.99	30.30	-1.97	Consumer Defensive
igodot 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

🕀 Increase 👄 Decrease 🗱 New to Portfolio

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Morningstar Category Mo

Moderate Allocation Morningstar

Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

Se	ctor Weighting as of 12-	31-2023		
		Fund	Bmark	Cat
Դ	Cyclical	24.83	31.82	30.41
æ.	Basic Materials	3.85	3.59	3.64
	Consumer Cyclical	7.60	11.14	10.31
<b>H</b>	Financial Services	10.83	14.11	14.22
ŵ	Real Estate	2.55	2.98	2.24
V <sup>ar</sup>	Sensitive	48.64	47.60	46.77
đ	Communication Services	8.65	7.30	7.70
0	Energy	7.65	4.30	5.12
¢	Industrials	11.00	10.70	10.63
	Technology	21.34	25.30	23.32
-	Defensive	26.53	20.59	22.81
F	Consumer Defensive	9.48	6.24	6.13
٠	Healthcare	14.68	11.88	13.76
<b>)</b>	Utilities	2.37	2.47	2.92

# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 31.85 years.

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

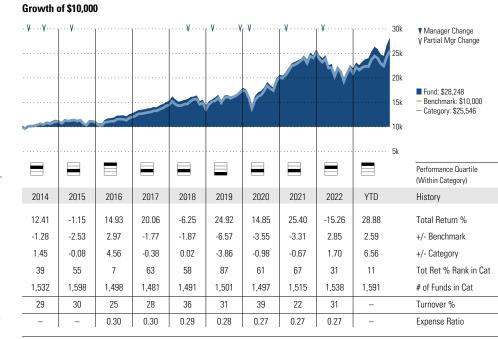
Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

#### **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

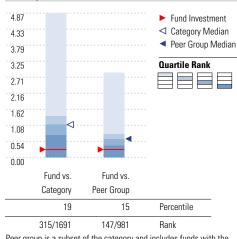
Metric	Rating	Updated
Sustainability Rating	1	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022



#### **Trailing Performance**



Net Expense



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

996	-	# of	Funds in Ca	tegory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		-	-	-
Beta		-	-	-
R-Squared		-	-	-
Standard Devia	tion	16.33	-	17.04
Sharpe Ratio		-	-	-
Tracking Error		-	-	-
Information Rat	tio	-	-	-
Up Capture Rat	io	-	-	-
Down Capture	Ratio	-	-	-
Portfolio M	otrioc			

**Total Return %** 

as of 12-31-2023

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

Fund Return %

Benchmark

Category

Fund

25

20

10

5

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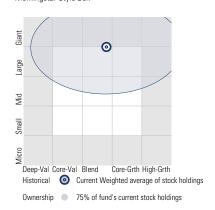
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.19	23.61	22.67
Price/Book Ratio	3.54	4.19	4.67
Geom Avg Mkt Cap \$B	174.23	241.61	282.66
ROE	27.46	31.50	30.87

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## American Funds Invmt Co of Amer R6 RICGX

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





Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	7.40	7.40	57.96	Technology
∋ Broadcom Inc	4.61	12.01	103.05	Technology
igodolog Capital Group Central Cash Fund	3.79	15.80	_	-
ightarrow General Electric Co	3.64	19.44	70.34	Industrials
$ earrow  ext{Meta}$ Meta Platforms Inc Class A	2.66	22.10	194.13	Communication Svc
∋ Amazon.com Inc	2.63	24.74	80.88	Consumer Cyclical
Description of the second s	2.11	26.84	23.31	Financial Services
€ Apple Inc	2.07	28.91	48.91	Technology
⇒ Alphabet Inc Class A	2.03	30.95	58.32	Communication Svc
	1.98	32.93	58.83	Communication Svc
∋ British American Tobacco PLC	1.96	34.89	_	Consumer Defensive
∋ Abbott Laboratories	1.94	36.83	2.11	Healthcare
$\ni$ Linde PLC	1.77	38.61	27.48	Basic Materials
igop Philip Morris International Inc	1.75	40.36	-1.97	Consumer Defensive
$\ominus$ UnitedHealth Group Inc	1.68	42.04	0.68	Healthcare

#### Total Holdings 218

🕀 Increase 👄 Decrease 🕸 New to Portfolio

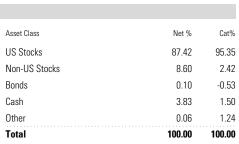
50 100 0

## Bonds Cash Other Total

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	24.80	28.24	28.24
<i>.</i>	Basic Materials	3.98	2.19	2.75
A	Consumer Cyclical	9.34	11.01	10.16
цф	Financial Services	10.32	12.52	13.17
ŵ	Real Estate	1.16	2.52	2.16
~~	Sensitive	52.21	50.65	49.61
d	Communication Services	10.08	8.58	8.09
0	Energy	6.05	3.89	4.29
¢	Industrials	12.69	8.37	9.99
	Technology	23.39	29.81	27.24
-	Defensive	22.99	21.12	22.15
F	Consumer Defensive	7.11	6.11	6.37
٠	Healthcare	12.93	12.67	13.60
Ç	Utilities	2.95	2.34	2.18



Morningstar Index

S&P 500 TR USD

Morningstar Category

📕 Large Blend

## American Funds New Perspective R6 RNPGX

Portfolio Manager(s)

Robert Lovelace since 12-2000 Joanna Jonsson since 12-2005 Steven Watson since 12-2005 Brady Enright since 12-2005 Noriko Chen since 04-2012 Andraz Razen since 07-2015 Barbara Burtin since 12-2018 Patrice Collette since 12-2018 Kohei Higashi since 12-2020 Anne-Marie Peterson since 12-2020

#### Quantitative Screens

Performance: The fund has finished in the Global Large-Stock 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 23.1 years.

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

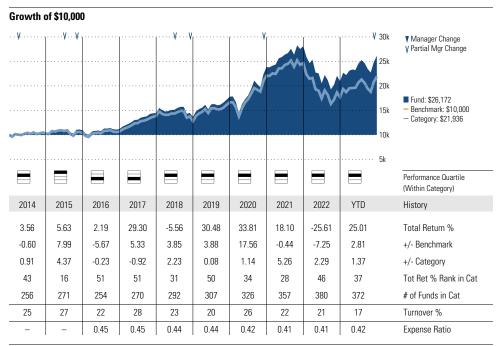
Net Expense: The fund's expense ratio of 0.42 is 60.75% lower than the Global Large-Stock Growth category average.

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

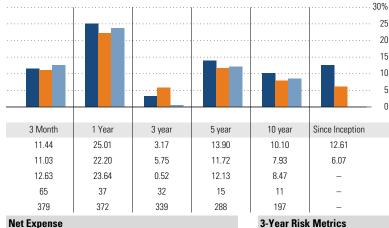
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

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

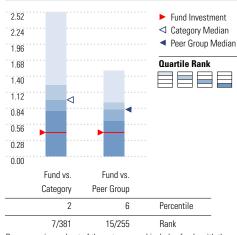






Alpha

Beta



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

5 0 Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat R-Squared Standard Deviation 18 45 19.84 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** Fund Bmark Cat

**Total Return %** 

as of 12-31-2023

Benchmark

Category

Fund

Price/Earnings Ratio	20.97	18.60	25.91
Price/Book Ratio	3.48	2.70	4.69
Geom Avg Mkt Cap \$B	117.31	121.33	172.21
ROE	27.91	25.71	28.69
NUE	27.91	20.71	20.0

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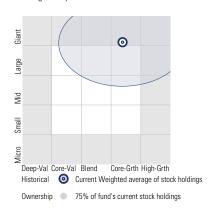


Morningstar Index Morningstar Category

Global Large-Stock Growth MSCI ACWI NR USD

# American Funds New Perspective R6 RNPGX

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





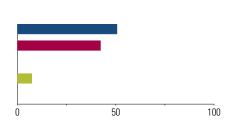


Weight %

<25

>50 25-50 10-25 0-10

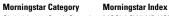
## World Regions % Equity 12-31-2023



#### Sector Weighting as of 12-31-2023

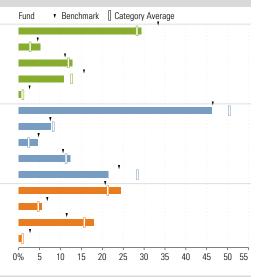
Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	29.33	33.19	28.30
æ.	Basic Materials	5.17	4.39	2.74
	Consumer Cyclical	12.88	10.92	11.90
<b>H</b>	Financial Services	10.79	15.45	12.65
ŵ	Real Estate	0.49	2.43	1.01
V <sup>ar</sup>	Sensitive	46.18	46.26	50.39
đ	Communication Services	7.70	7.40	8.27
•	Energy	4.55	4.59	2.39
¢	Industrials	12.43	10.44	11.34
	Technology	21.50	23.83	28.39
-	Defensive	24.49	20.53	21.31
F	Consumer Defensive	5.61	6.67	4.68
٠	Healthcare	18.01	11.31	15.71
9	Utilities	0.87	2.55	0.92



Global Large-Stock Growth MSCI ACWI NR USD

Asset Class	Net %	Cat%
	inel %	Gal%
US Stocks	50.58	58.60
Non-US Stocks	42.19	38.94
Bonds	0.00	0.01
Cash	7.22	2.04
Other	0.00	0.41
Total	100.00	100.00



Greater Asia	Fund % 10.42	Cat % 12.49	Americas	Fund % 59.28	Cat % 63.54	Greater Europe	Fund % 30.29	Cat % 23.96	Market Maturity	Fund %
Japan	2.83	4.64	North America	58.01	62.07	United Kingdom	5.41	4.42	Developed Markets	96.07
Australasia	0.10	0.19	Central/Latin	1.27	1.47	W euro-ex UK	24.43	19.19	Emerging Markets	3.93
Asia-4 Tigers	5.12	3.26				Emrgng Europe	0.00	0.02	Not Available	0.00
Asia-ex 4 Tigers	2.37	4.40				Africa	0.45	0.33		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	4.55	4.55	57.96	Technology
⇒ Novo Nordisk A/S Class B	3.12	7.67	51.68	Healthcare
$\supset$ Meta Platforms Inc Class A	2.33	10.00	194.13	Communication Svc
ightarrow Tesla Inc	2.29	12.29	101.72	Consumer Cyclical
	2.14	14.43	103.05	Technology
m lacksquare Taiwan Semiconductor Manufacturing Co Ltd	2.11	16.54	-	Technology
Eli Lilly and Co	1.81	18.35	60.57	Healthcare
➔ AstraZeneca PLC	1.38	19.73	-	Healthcare
ASML Holding NV	1.24	20.98	39.61	Technology
earrow Capital Group Central Cash Fund	1.24	22.22	_	_

#### Total Holdings 326

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

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## American Funds New World R6 RNWGX

#### Portfolio Manager(s)

J
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.

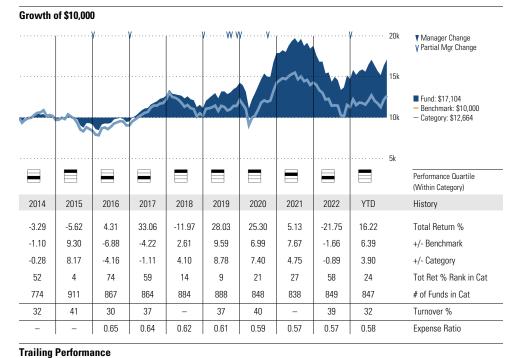
Net Expense: The fund's expense ratio of 0.57 is 49.56% lower than the Diversified Emerging Mkts category average.

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

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**

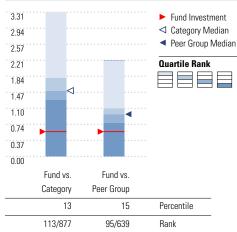
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



**Morningstar Category** 

Diversified Emerging Mkts

#### 3 Month 1 Year 10 year 3 year 5 year 8.95 16.22 -1.49 8.93 5.51 7.86 9.83 -5.08 3.69 2.66 7 89 12.32 -374 4 70 2 62 27 24 34 9 4 872 847 751 687 428



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

as of 12-31-2023 15 Fund Benchmark 10 Category 5 0 -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category

# of Funds in Category

**Total Return %** 

20%

Morningstar Index

MSCI EM NR USD

#### **3-Year Risk Metrics**

8.36

7.55

\_

	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

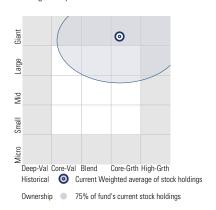
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Net Expense



# American Funds New World R6 RNWGX

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





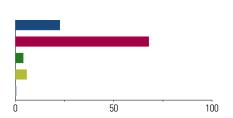


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 12-31-2023



#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	38.31	44.05	43.10
<b>.</b> #.	Basic Materials	8.43	8.04	6.20
	Consumer Cyclical	12.34	12.19	13.49
ц.	Financial Services	15.70	22.19	21.71
ŵ	Real Estate	1.84	1.63	1.70
V <sup>ar</sup>	Sensitive	39.44	43.48	43.26
đ	Communication Services	6.97	9.24	8.48
0	Energy	4.03	5.22	4.71
¢	Industrials	12.72	6.73	6.85
	Technology	15.72	22.29	23.22
-	Defensive	22.24	12.47	13.65
E	Consumer Defensive	6.87	5.80	7.38
٠	Healthcare	13.95	4.03	4.54
9	Utilities	1.42	2.64	1.73

#### Asset Class Net % Cat% US Stocks 22.47 3.18 Non-US Stocks 67.73 94.87 Bonds 3.85 0.04 Cash 5.61 1.82

0.34

100.00

0.11

100.00

	Fund		Danah	mark	I Cotor	jory Ave				
t	Fund		Bench	mark	ll care	JOIY AVE	erage		_	п.
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	0%	5	10	15	20	25	30	35	40	45

4	Greater Asia	Fund % 39.10	Cat % 73.55	Americas	Fund % 35.96	Cat % 15.81	Greater Europe	Fund % 24.94	Cat % 10.64	Market Maturity	Fund %
	Japan	2.39	0.06	North America	26.47	2.94	United Kingdom	2.13	0.54	Developed Markets	57.94
	Australasia	0.40	0.00	Central/Latin	9.49	12.87	W euro-ex UK	19.89	1.80	Emerging Markets	42.06
	Asia-4 Tigers	6.54	27.02				Emrgng Europe	0.53	1.77	Not Available	0.00
	Asia-ex 4 Tigers	29.77	46.47				Africa	2.39	6.53		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 12-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Capital Group Central Cash Fund	5.39	5.39	_	_
€ Microsoft Corp	2.86	8.25	57.96	Technology
$\ni$ Novo Nordisk A/S Class B	2.68	10.93	51.68	Healthcare
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	2.03	12.96	-	Technology
Airbus SE	1.50	14.46	-	Industrials
$\ominus$ Eli Lilly and Co	1.45	15.91	60.57	Healthcare
$\ni$ LVMH Moet Hennessy Louis Vuitton SE	1.44	17.35	_	Consumer Cyclical
igodolog Kotak Mahindra Bank Ltd	1.43	18.78	-	Financial Services
➔ MercadoLibre Inc	1.23	20.01	85.71	Consumer Cyclical
🕀 AIA Group Ltd	1.10	21.11	-19.70	Financial Services

#### Total Holdings 586

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

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

Diversified Emerging Mkts

Other

Total

## American Funds Washington Mutual R6 RWMGX

#### 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.

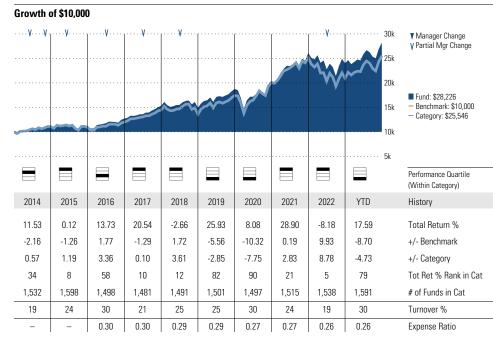
Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

#### 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



## Trailing Performance



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Standard Deviation

4 87 Fund Investment Category Median 4.33 Peer Group Median 3.79 3.25 Quartile Rank 2.71 2.16 1.62 1.08 0.54 0.00 Fund vs Fund vs Peer Group Category 19 15 Percentile 315/1691 147/981 Rank

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

25 Fund Benchmark 20 Category 15 10 5 Λ Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat 15 15 17 04

**Total Return %** 

as of 12-31-2023

30%

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

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Morningstar Category

Morningstar Index S&P 500 TR USD

&P 500 TR USD

## American Funds Washington Mutual R6 RWMGX

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

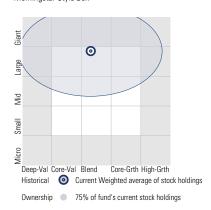
Technology

Defensive

Healthcare

**Consumer Defensive** 

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





Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings 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
ightarrow UnitedHealth Group Inc	3.31	15.46	0.68	Healthcare
e 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
ightarrow Eli Lilly and Co	2.35	26.13	60.57	Healthcare
$ earrow  ext{Northrop}$ Grumman Corp	1.87	28.00	-12.85	Industrials
$oldsymbol{eta}$ The Home Depot Inc	1.78	29.77	12.36	Consumer Cyclical
$\oplus$ Philip Morris International Inc	1.78	31.55	-1.97	Consumer Defensive
∋ JPMorgan Chase & Co	1.45	33.00	29.87	Financial Services
i 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

50 100

Bmark

28.24

2.19

11.01

12 52

2.52

50.65

8.58

3.89

8.37

29.81

21.12

6.11

12.67

2.34

Fund

26.43

3.17

6.76

14 64

1.86

44.31

5.58

6.23

11.53

20.97

29.26

8.28

17.86

3.12

Cat

28.24

2.75

10.16

13.17

2.16

49.61

8.09

4.29

9.99

27.24

22.15

6.37

13.60

2.18

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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

**Morningstar Index** 

S&P 500 TR USD

**Morningstar Category** 

📕 Large Blend

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

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## Baird Aggregate Bond Inst BAGIX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 23.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 44.44% lower than the Intermediate Core Bond category average.

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

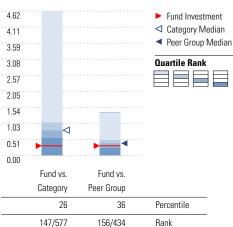
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

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

Growth of \$10,000 15 V Manager Change V Partial Mgr Change Fund: \$12,492 - Benchmark: \$10,000 Category: \$11,710 10k Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 6.89 0.55 3.52 4.20 -0.30 9 48 8.63 -1.46 -13.35 6.43 Total Return % 0.00 0.92 0.87 0.66 -0.31 0.76 1.12 0.08 -0.34 0.90 +/- Benchmark 0.81 1.42 1.71 0.29 0.49 0.20 1.11 0.02 -0.03 0.84 +/- Category 8 22 37 31 41 15 22 40 49 20 Tot Ret % Rank in Cat 522 504 492 505 506 # of Funds in Cat 535 498 517 536 566 32 40 36 28 24 31 35 39 43 \_ Turnover %





329		-	# of F	unds in Cate	gory
<b>3-Year Ris</b>	k Me	trics			
			Fund	Bmark	Cat
Alpha			-	_	-
Beta			-	-	-
R-Squared			-	_	-
Standard Dev	iation		7.38	-	7.20
Sharpe Ratio			-	-	-
Tracking Erro	r		-	-	-
Information R	atio		-	-	-
Up Capture R	atio		-	-	-
Down Capture	e Ratio		-	_	-
Portfolio I	Netric	s			
			Fund	Bmark	Cat

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

 Fund
 Bmark
 Cat

 Avg Eff Duration
 6.15
 4.43
 5.99

 Avg Eff Maturity
 8.34
 8.56

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\_

0.30

0.30

0.30

0.30

0.30

0.30

0.30

\_

Expense Ratio



Morningstar Category Morning

Intermediate Core Bond

Morningstar Index

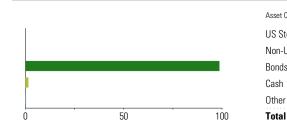
Bloomberg US Agg Bond TR USD

# Baird Aggregate Bond Inst BAGIX

## Style Analysis as of 12-31-2023 Style Breakdown Fixed Income Quality G C Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	12.90	3.53	27.80
AA	50.80	74.59	41.94
A	13.60	10.82	13.94
BBB	22.60	8.32	13.42
BB	0.10	0.28	0.68
В	0.00	0.00	0.33
Below B	0.00	0.00	0.44
Not Rated	0.00	2.46	1.46



#### Asset Class Net % Cat% US Stocks 0.06 0.00 Non-US Stocks 0.00 0.00 Bonds 98.55 95.29 Cash 1.31 2.18 Other 0.14 2.48

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

100.00

100.00

**Morningstar Category** 

Intermediate Core Bond

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

	Fund	Bmark	Cat	Fund	۲	Benchma	ırk 🛛 C	ategory	Average	
Government	22.55	_	31.35							
Treasury	22.55	-	26.75						I []	
Inflation – Protected	0.00	-	1.15							
Agency/Quasi Agency	0.00	-	0.90	[]						
Other Government Related	0.00	-	2.55	1						
Corporate	38.03	-	24.59						]	
Corporate Bond	38.03	_	24.36							
Bank Loan	0.00	-	0.03	0						
Convertible	0.00	-	0.00	0						
Preferred	0.00	-	0.20	[						
Securitized	37.69	-	37.51							
Agency MBS Pass-Through	23.50	-	29.51			-		-		
Agency MBS ARM	0.00	_	0.24	0						
Agency MBS CMO	2.01	_	1.85							
Non-Agency Residential MBS	0.62	-	0.48	0						
Commercial MBS	4.45	-	0.41	(						
Asset-Backed	7.11	-	5.02		)					
Covered Bond	0.00	_	0.00	0						
Municipal	0.61	-	0.99							
Cash & Equivalents	1.12	-	3.99		0					
Other	0.00	-	1.55	i ()						

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
€ United States Treasury Notes 1.13%	10-2026	4.25	4.25	_
United States Treasury Bonds 2.5%	02-2045	2.83	7.08	-
United States Treasury Bonds 2.88%	05-2043	2.03	9.10	-
⊕ United States Treasury Notes 2.38%	03-2029	1.99	11.09	-
United States Treasury Bonds 1.38%	11-2040	1.60	12.69	-
⊕ United States Treasury Notes 4.13%	08-2030	1.55	14.24	_
€ United States Treasury Bonds 2.88%	05-2052	1.53	15.77	-
€ United States Treasury Bonds 2.38%	02-2042	1.51	17.27	-
igodot First American Government Obligs U	02-2030	1.05	18.32	_
⊖ United States Treasury Notes 1.13%	08-2028	0.92	19.24	-

#### Total Holdings 1757

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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## BlackRock High Yield Bond Instl BHYIX

### 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.

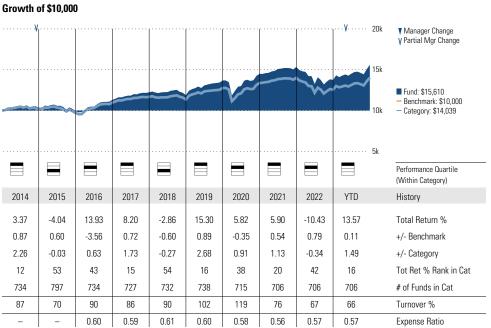
Net Expense: The fund's expense ratio of 0.6 is 33.33% lower than the High Yield Bond category average.

#### **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**

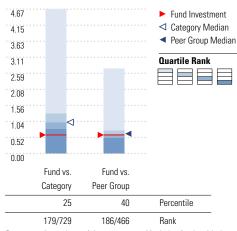
Metric	Rating	Updated
ESG Commitment	2-Basic	02-15-2022



Morningstar Category

High Yield Bond





12	_	% Rank in Category					
465	-	# of Funds in Category					
3-Year Risk I	Metrics						
		Fund	Bmark	Cat			
Alpha		-	-	-			
Beta		-	-	-			
R-Squared		-	-	-			
Standard Deviati	on	8.45	-	7.80			
Sharpe Ratio		-	-	-			
Tracking Error		-	-	-			
Information Ratio	)	-	-	-			
Up Capture Ratio	I	-	-	-			
Down Capture Ra	atio	-	-	-			
Portfolio Me	trics						
		Fund	Bmark	Cat			
Avg Eff Duration		3.32	-	3.13			

5.00

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

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Avg Eff Maturity



4.81

Morningstar Index ICE BofA US High Yield TR USD

**Trailing Performance** 

## BlackRock High Yield Bond Instl BHYIX

## Style Analysis as of 12-31-2023





-50 0 50 100

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%

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

Fund	Bmark	Cat
0.00	-	3.92
0.00	-	0.38
0.16	-	0.26
7.18	-	5.90
29.64	-	36.20
48.35	-	40.32
12.53	-	11.07
2.14	-	1.95
	0.00 0.00 0.16 7.18 29.64 48.35 12.53	0.00 - 0.00 - 0.16 - 7.18 - 29.64 - 48.35 - 12.53 -

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average	
Government	0.55	-	2.34				
Treasury	0.00	-	0.98	0			
Inflation – Protected	0.00	-	0.01	0			
Agency/Quasi Agency	0.02	-	0.02	0			
Other Government Related	0.53	-	1.33	I]			
Corporate	91.95	-	90.22				<b></b> )I
Corporate Bond	83.88	-	87.03				
Bank Loan	6.85	-	2.35				
Convertible	0.58	-	0.39	0			
Preferred	0.64	-	0.45	0			
Securitized	0.09	-	1.45				
Agency MBS Pass-Through	0.00	-	0.11	0			
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	1			
Covered Bond	0.00	-	0.00	0			
Municipal	0.00	-	0.03	]			
Cash & Equivalents	2.24	-	4.06				
Other	5.16	-	1.90				

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

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

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	-
$\odot$ iShares iBoxx \$ High Yield Corp Bd ETF	_	2.07	11.39	-
⊖ BlackRock Liquidity T-Fund Instl	_	2.02	13.41	-
$\ominus$ EUR/USD Purchased	12-2023	1.63	15.04	-
⊕ EUR/USD Purchased	12-2023	1.60	16.65	-
$\odot$ USD CASH(Committed)	12-2023	1.53	18.18	-
$\ominus$ TransDigm, Inc.	03-2026	1.39	19.57	-
$\ominus$ EUR/USD Purchased	12-2023	0.93	20.50	-
⊕ EUR/USD Purchased	12-2023	0.91	21.41	-

#### Total Holdings 1550

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category High Yield Bond

Morningstar Index ICE BofA US High Yield TR USD

## Federated Hermes Govt Ultrashort IS FGUSX

Portfolio Manager(s)

Susan Hill since 07-1997 Liam O'Connell since 11-2010

#### Quantitative Screens

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

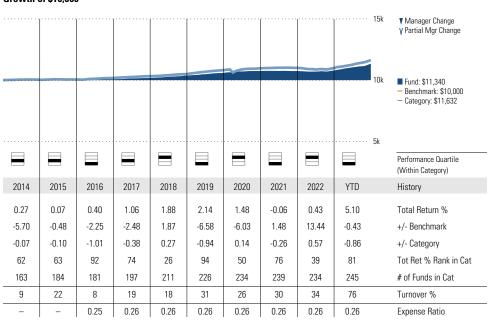
Management: The fund's management has been in place for 26.49 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 36.59% lower than the Ultrashort Bond category average.

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

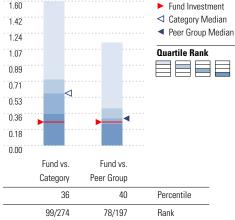
This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.



**Morningstar Category** 

Ultrashort Bond





1.00		Outegoly Avelage 70				
75	-	% Rank in Category				
116	-	# of Funds in Category				
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		-	-	-		
Beta		-	-	_		
R-Squared		-	-	_		
Standard Devia	ition	0.88	-	1.19		
Sharpe Ratio		-	-	_		
Tracking Error		-	-	_		
Information Ra	tio	-	-	_		
Up Capture Rat	io	-	-	_		
Down Capture	Ratio	-	-	_		
Portfolio M	etrics					
		Fund	Bmark	Cat		

0.57

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

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Avg Eff Duration

Avg Eff Maturity



4 43

1.00

1.62

Morningstar Index Bloomberg US Agg Bond TR USD

Growth of \$10,000

## Federated Hermes Govt Ultrashort IS FGUSX

## Style Analysis as of 12-31-2023





Duration

Asset Allocation	as of 12-31-2023	
		,,
U	50	100

0.00	-0.67
21.12	43.34
27.72	43.34
72.28	56.14
0.00	0.41
0.00	0.77
Net %	Cat%
	0.00 0.00 72.28

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

Morningstar Category

Ultrashort Bond

#### Sector Weighting as of 12-31-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	44.82
AA	0.00	74.59	17.31
A	0.00	10.82	16.11
BBB	0.00	8.32	17.65
BB	0.00	0.28	1.86
В	0.00	0.00	0.80
Below B	0.00	0.00	0.23
Not Rated	0.00	2.46	1.21

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	3.96	-	19.93			
Treasury	2.16	-	15.82		0	
Inflation – Protected	0.00	-	0.00	0		
Agency/Quasi Agency	1.80	-	1.98			
Other Government Related	0.00	-	2.13			
Corporate	0.00	-	27.77			
Corporate Bond	0.00	-	27.07			
Bank Loan	0.00	-	0.63	0		
Convertible	0.00	-	0.05	0		
Preferred	0.00	-	0.02	0		
Securitized	68.84	-	23.06			
Agency MBS Pass-Through	6.52	-	0.37			
Agency MBS ARM	0.09	-	0.25			
Agency MBS CMO	62.23	-	1.87			
Non-Agency Residential MBS	0.00	-	0.04	0		
Commercial MBS	0.00	-	2.46			
Asset-Backed	0.00	-	18.07		1	
Covered Bond	0.00	-	0.00			
Municipal	0.00	-	0.66	0		
Cash & Equivalents	27.20	-	26.78			
Other	0.00	-	1.76			
				0% 5	10 15 20 2	5 30 35 40 45 50 55 60 65 70

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Bank Of Montreal 2 Repo	10-2023	10.58	10.58	-
🕀 Hsbc Repo 2 Repo	10-2023	10.58	21.16	-
🕀 Bofam Repo 1 Repo	10-2023	6.04	27.20	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97135%	04-2033	5.60	32.80	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.82135%	12-2032	4.57	37.36	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.87135%	12-2032	4.21	41.57	_
Government National Mortgage Association 5.12871%	01-2073	3.76	45.33	-
$\odot$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.96495%	07-2053	3.48	48.81	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19135%	10-2032	3.17	51.97	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19135%	11-2032	2.76	54.74	-

#### Total Holdings 191

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# PIMCO Commodity Real Return Strat I2 PCRPX

### Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Commodities Broad Basket category's top three quartiles in 8 of the 10 years it's been in existence.

Management: The fund's management has been in place for 5.17 years.

Style Consistency is not calculated for Fixed Income funds.

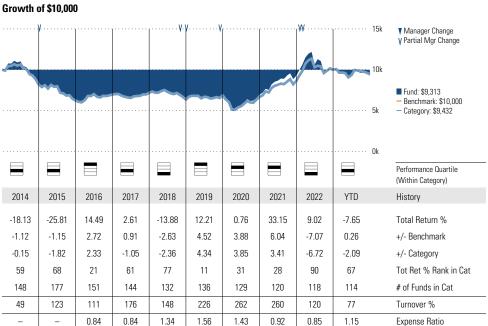
Net Expense: The fund's expense ratio of 1.09 is 5.83% higher than the Commodities Broad Basket category average.

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

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

#### **ESG Metrics**

Metric Rating Sustainability Rating 06-30-2023 3



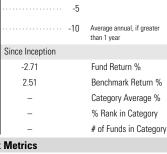


Category Median

Quartile Rank

Percentile

Peer Group Median



15%

10

5

0

**Total Return %** 

as of 12-31-2023

Benchmark

Category

Fund

J-Teal hisk weulds			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	18.04	-	16.44
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-
Portfolio Metrics			

	78/120	66/76	Rank					
Peer group i	is a subset of the o	category and in	cludes funds with the					
same management style (active vs. passive) and similar share class								
characterist	ics.							

88

Fund vs

Peer Group

Fund Bmark Cat Price/Earnings Ratio 12 27 7.93 Price/Book Ratio 3.56 1.87 Geom Avg Mkt Cap \$B 16 44 44 07 ROE 29.97 27.17

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Fund vs

Category

65



Morningstar Index

Morningstar Category Commodities Broad Basket

Bloomberg Commodity TR USD

0.84 **Trailing Performance** 

2.84

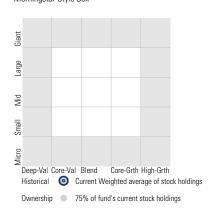
2.49 2.13

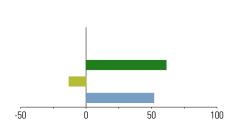
1.78 1.42 1.07 0.71 0.36 

Updated

## PIMCO Commodity Real Return Strat I2 PCRPX

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





Other	51.83	2.79
Cash	-13.08	53.81
Bonds	61.26	41.59
Non-US Stocks	0.00	0.72
US Stocks	0.00	1.09
Asset Class	Net %	Cat%

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund		• Be	nchmar	k []	Categ	ory Av	verage				
Դ	Cyclical	-	-	44.68										[		
ŵ.	Basic Materials	-	-	44.68										0		
<b>A</b>	Consumer Cyclical	-	-	0.00	Ô											
÷	Financial Services	-	-	0.00	0											
æ	Real Estate	-	-	0.00	0											
M	Sensitive	-	-	51.07											0	
	Communication Services	-	-	0.00	Ó											
•	Energy	-	-	48.94											0	
\$	Industrials	-	-	2.13	[											
	Technology	-	-	0.00	Ì											
•	Defensive	-	-	4.26		0										
-	Consumer Defensive	-	-	4.26		0										
	Healthcare	-	-	0.00	Ì											
2	Utilities	-	-	0.00	Ó											
					0%	5	10	15	20	25	30	35	40	45	50	ŗ

#### Style Breakdown



#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ 2 Year Treasury Note Future Dec 23	20.14	20.14	_	_
$\ominus$ Euro Schatz Future Dec 23	15.33	35.47	_	-
United States Treasury Notes 0.125%	14.26	49.73	_	-
森 Cash Offset	11.03	60.76	_	-
$\oplus$ 5 Year Treasury Note Future Dec 23	10.34	71.11	-	-
$\ominus$ US Treasury Bond Future Dec 23	9.34	80.45	-	_
United States Treasury Notes 0.125%	8.53	88.98	_	-
$\ominus$ EUROPEAN MONETARY UNION EURO Sold	7.93	96.91	_	-
$\ominus$ EUROPEAN MONETARY UNION EURO Purchased	7.93	104.84	_	-
$\oplus$ Pimco Cayman Cmdty Fd Ltd Instl	7.50	112.34	-	_
∋ 10 Year Treasury Note Future Dec 23	7.44	119.78	-	_
€ IRS EUR 3.00000 03/20/24-10Y LCH Pay	7.26	127.04	_	-
IRS EUR 3.00000 03/20/24-10Y LCH Receive	7.06	134.10	_	-
United States Treasury Notes 0.5%	6.95	141.05	_	-
	6.82	147.87	_	-

#### Total Holdings 829

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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**Morningstar Category** 

Commodities Broad Basket Bloomberg Commodity TR USD

**Morningstar Index** 

## 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.

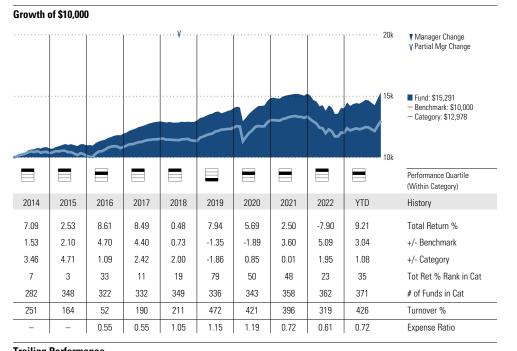
Net Expense: The fund's expense ratio of 0.72 is 25.77% lower than the Multisector Bond category average.

#### **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



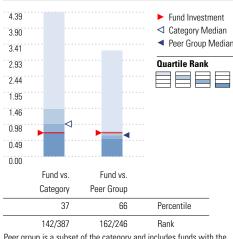
**Morningstar Category** 

Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD





	=,		
Peer	group is a subset of th	e category and in	cludes funds with the
same	e management style (ad	ctive vs. passive)	and similar share class
chara	acteristics.		

Cat R-Squared Standard Deviation 6 2 6 6.28 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** Fund Bmark Cat

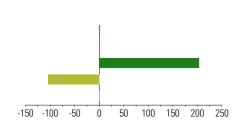
Avg Eff Duration	4.74	4.55	4.55
Avg Eff Maturity	6.66	7.69	7.15

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# PIMCO Income I2 PONPX

## Style Analysis as of 12-31-2023 Style Breakdown





Asset Allocation as of 12-31-2023

Sector Weighting 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 Total 100.00 100.00

**Morningstar Index** 

Bloomberg US Universal TR USD

**Morningstar Category** 

Multisector Bond

#### **Credit Rating Breakdown** Fund Bmark Cat 67.64 AAA 58.75 17.08 AA 9.36 3.23 10.35 3.45 10.03 9.12 А 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

	Fund	Bmark	Cat	Fund	۲	Benchma	ırk 🛛 C	ategory	Average			
Government	39.78	-	30.77		•	-	-			]		
Treasury	1.66	-	9.43			0						
Inflation – Protected	2.64	_	0.80									
Agency/Quasi Agency	0.03	-	0.56	10								
Other Government Related	35.45	-	19.98					0				
Corporate	3.11	-	34.53								0	
Corporate Bond	2.36	-	29.21							0		
Bank Loan	0.71	-	3.06									
Convertible	0.02	-	0.68	10								
Preferred	0.02	-	1.58									
Securitized	22.97	-	25.96									
Agency MBS Pass-Through	12.61	-	9.20			]						
Agency MBS ARM	0.00	-	0.10									
Agency MBS CMO	0.13	-	1.59									
Non-Agency Residential MBS	3.73	-	3.34									
Commercial MBS	0.28	-	2.00									
Asset-Backed	6.22	-	9.73			0						
Covered Bond	0.00	-	0.00	0								
Municipal	0.02	-	0.33	0								
Cash & Equivalents	24.54	-	4.13		0							
Other	9.40	-	4.26		0							
				0%	5	10	15	20	25	30	35	4

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
莽 Offset: Unsettled Trades	_	43.27	43.27	_
① RFR USD SOFR/5.10000 05/22/23-1Y LCH Pay	05-2024	32.51	75.78	-
① RFR USD SOFR/5.10000 05/22/23-1Y LCH Receive	05-2024	32.41	108.20	-
① RFR USD SOFR/5.40000 06/06/23-1Y LCH Pay	06-2024	19.13	127.33	-
① 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  $\ominus$  Decrease 🕸 New to Portfolio

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

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.

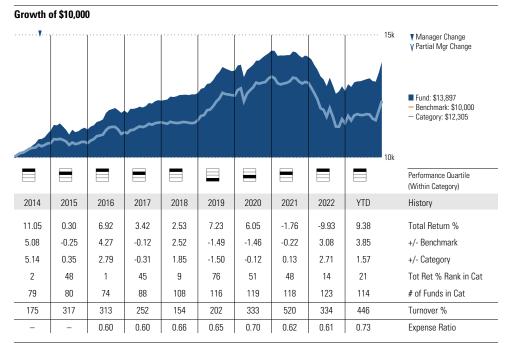
Net Expense: The fund's expense ratio of 0.73 is 4.29% higher than the Global Bond-USD Hedged category average.

#### **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**

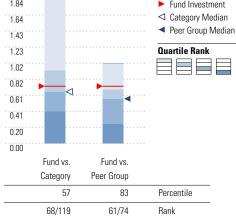
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023



Morningstar Category

Global Bond-USD Hedged





3		% Rank in Category						
63	-	# of Funds in Category						
3-Year Risk	Metrics							
		Fund	Bmark	Cat				
Alpha		-	-	_				
Beta		-	-	_				
R-Squared		-	-	_				
Standard Devia	tion	4.97	-	6.41				
Sharpe Ratio		-	-	_				
Tracking Error		-	-	_				
Information Rat	io	-	-	_				
Up Capture Rat	io	-	-	_				
Down Capture F	Ratio	-	-	-				
Portfolio M	etrics							
			D 1	0.1				

	00/110	01/71	name
Peer group i	is a subset of the ca	ategory and inc	cludes funds with the
same mana	gement style (active	e vs. passive) a	and similar share class
characterist	ics.		

 Fund
 Bmark
 Cat

 Avg Eff Duration
 5.91
 4.43
 6.05

 Avg Eff Maturity
 7.29
 7.81

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Morningstar Index

Bloomberg US Agg Bond TR USD

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

## Style Analysis as of 12-31-2023



Duration

А

BB

В

Not Rated

-50	0	50	100	150

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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

#### **Credit Rating Breakdown** Fund Bmark Cat 3.53 AAA 51.61 31.53 AA 16.02 74.59 14.96 14.94 10.82 27.45 BBB 8.32 17.92 14.64 0.83 0.28 3.25 0.38 0.00 1.49 Below B 1.58 0.00 0.80

0.00

2.46

2.59

	Fund	Bmark	Cat	Fund	<ul> <li>Bench</li> </ul>	nmark	Categ	jory Ave	rage		
Government	43.73	_	41.03					-	-	-	1
Treasury	9.12	-	29.65						0		
Inflation – Protected	0.99	-	1.25								
Agency/Quasi Agency	0.26	-	3.54	1							
Other Government Related	33.36	-	6.59		0						
Corporate	1.52	-	10.82		[						
Corporate Bond	1.43	-	10.68		[						
Bank Loan	0.09	-	0.11	0							
Convertible	0.00	_	0.01	0							
Preferred	0.00	_	0.02	0							
Securitized	10.93	-	5.35	]							
Agency MBS Pass-Through	6.70	-	3.17								
Agency MBS ARM	0.00	-	0.00	0							
Agency MBS CMO	0.01	-	0.29	[							
Non-Agency Residential MBS	1.20	-	0.14								
Commercial MBS	0.15	_	0.16	0							
Asset-Backed	1.98	_	1.23								
Covered Bond	0.89	_	0.36	0							
Municipal	0.03	_	0.06	0							
Cash & Equivalents	26.65	-	19.92				0				
Other	17.11	-	22.83								

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

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	-
娄 Cash Offset	_	21.03	68.74	-
⊖ 3 Month SOFR Future Dec 24	03-2025	19.58	88.32	-
娄 Offset: Unsettled Trades	-	19.49	107.80	-
③ 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  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Global Bond-USD Hedged

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

## Vanguard 500 Index Admiral VFIAX

#### 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 in existence.

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.

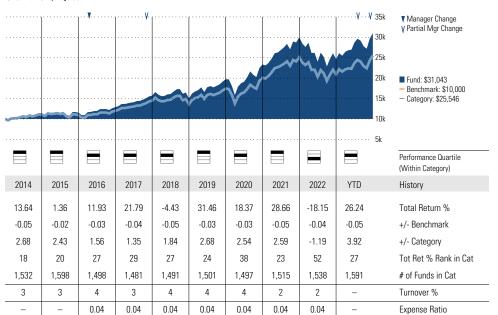
#### **Morningstar Investment Management LLC Analysis**

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





Large Blend





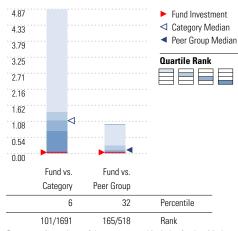
Alpha

Beta

R-Squared

Sharpe Ratio

Tracking Error



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

Category Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Standard Deviation 17 54 17 04 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

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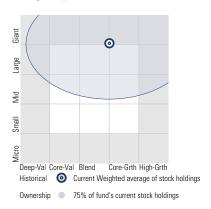


Morningstar Category Morningstar Index

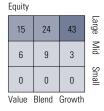
S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

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







#### Weight %

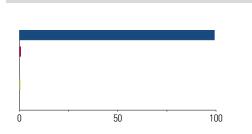
>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ige > Apple Inc	7.02	7.02	48.91	Technology
€ Microsoft Corp	6.97	13.99	57.96	Technology
➔ Amazon.com Inc	3.44	17.43	80.88	Consumer Cyclical
• NVIDIA Corp	3.05	20.48	238.98	Technology
igodolog Alphabet Inc Class A	2.06	22.54	58.32	Communication Svc
€ Meta Platforms Inc Class A	1.96	24.50	194.13	Communication Svc
ightarrow Alphabet Inc Class C	1.75	26.25	58.83	Communication Svc
🕀 Tesla Inc	1.71	27.96	101.72	Consumer Cyclical
igodolog 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
	1.21	33.24	0.68	Healthcare
$oldsymbol{eta}$ Eli Lilly and Co	1.16	34.40	60.57	Healthcare
$\ni$ 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

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



Fund

28.24

2.20

11.02

12.50

2.52

50.64

8.58

3.89

8.36

29.81

21.13

6.11

12.67

2.35

Bmark

28.24

2.19

11.01

12 52

2.52

50.65

8.58

3.89

8.37

29.81

21.12

6.11

12.67

2.34

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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Energy

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F

Utilities

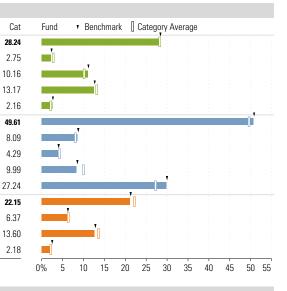
#### Asset Class Net % Cat% US Stocks 99.17 95.35 Non-US Stocks 0.56 2.42 Bonds 0.00 -0.53 Cash 0.27 1.50 0.00 Other 1.24 Total 100.00 100.00

Morningstar Index

S&P 500 TR USD

**Morningstar Category** 

📕 Large Blend





## Vanguard Developed Markets Index Admiral VTMGX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

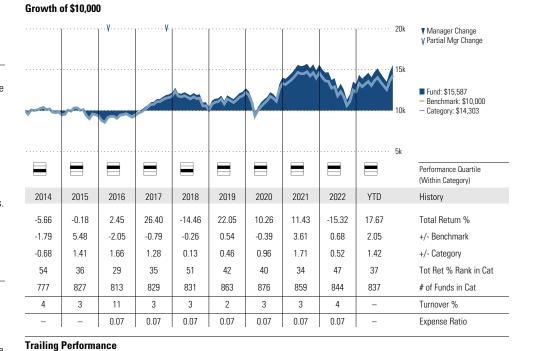
Net Expense: The fund's expense ratio of 0.07 is 91.95% lower than the Foreign Large Blend category average.

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

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

#### **ESG Metrics**

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



ROE

Geom Avg Mkt Cap \$B

**Morningstar Category** 

Foreign Large Blend



Fund Investment Category Median 3.92 Peer Group Median 3.43 2.94 Quartile Rank 2.45 1.96 1.47 0.98 0.49 Fund vs Fund vs Peer Group Category 8 43 Percentile 64/852 119/279 Rank

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

		5			
		0	Averag than 1	e annual, if grea vear	ter
10 year	Since Inception				
4.54	4.47		Fund	Return %	
3.83	4.78		Bencl	hmark Return	%
3.98	-		Cateç	gory Average	%
24	-		% Ra	nk in Catego	ry
467	-		# of F	unds in Cate	gory
3-Year Risk	Metrics				
			Fund	Bmark	Cat
Alpha			-	-	-
Beta			-	-	-
R-Squared			-	-	-
Standard Devia	tion	1	7.84	-	17.19
Sharpe Ratio			-	-	-
Tracking Error			-	-	-
Information Rat	tio		-	-	-
Up Capture Rat	io		-	-	-
Down Capture	Ratio		-	-	-
Portfolio M	etrics				
			Fund	Bmark	Cat
Price/Earnings	Ratio	1	3.69	13.68	13.39
Price/Book Rati	Price/Book Ratio			1.70	1.77

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45 04

17.63

56 58

20.30

31.81

16.62

Morningstar Index

MSCI ACWI Ex USA NR USD

**Total Return %** 

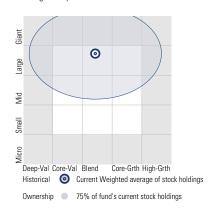
as of 12-31-2023

Benchmark Category

Fund

## Vanguard Developed Markets Index Admiral VTMGX

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





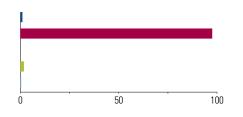


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 12-31-2023



#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	41.06	41.95	38.88
æ.	Basic Materials	7.95	7.98	7.04
A	Consumer Cyclical	10.64	10.87	11.20
цф	Financial Services	19.03	20.90	18.89
ŵ	Real Estate	3.44	2.20	1.75
w	Sensitive	37.60	37.68	37.81
g	Communication Services	3.90	5.33	4.44
0	Energy	5.35	5.71	5.45
¢	Industrials	17.25	13.60	16.36
	Technology	11.10	13.04	11.56
-	Defensive	21.35	20.37	23.30
F	Consumer Defensive	7.68	7.87	9.01
٠	Healthcare	10.67	9.46	11.63
9	Utilities	3.00	3.04	2.66

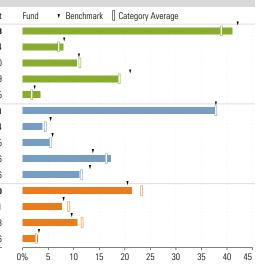
#### Asset Class Net % Cat% US Stocks 0.82 3.44 Non-US Stocks 97.42 94.60 Bonds 0.00 0.47 Cash 1.58 1.96 Other 0.19 -0.47 Total 100.00 100.00

Morningstar Index

MSCI ACWI Ex USA NR USD

**Morningstar Category** 

Foreign Large Blend



	Greater Asia	Fund % 36.03	Cat % 35.35	Americas	Fund % 10.38	Cat % 8.53	Greater Europe	Fund % 53.58	Cat % 56.11	Market Maturity	Fund %
	Japan	21.10	19.01	North America	10.35	7.24	United Kingdom	11.86	13.74	Developed Markets	99.41
	Australasia	6.99	4.85	Central/Latin	0.03	1.29	W euro-ex UK	40.76	41.43	Emerging Markets	0.59
	Asia-4 Tigers	7.76	6.48				Emrgng Europe	0.37	0.09	Not Available	0.00
	Asia-ex 4 Tigers	0.18	5.01				Africa	0.59	0.85		
	Not Classified	0.00	0.00								
j											

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

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Novo Nordisk A/S Class B	1.45	1.45	_	Healthcare
$\oplus$ Nestle SA	1.39	2.84	1.41	Consumer Defensive
$\oplus$ ASML Holding NV	1.33	4.18	-	Technology
$\oplus$ Samsung Electronics Co Ltd	1.29	5.46	-	Technology
⊖ Slcmt1142	1.16	6.62	-	-
🕀 Toyota Motor Corp	0.98	7.60	38.16	Consumer Cyclical
$\ominus$ Shell PLC	0.97	8.57	-	Energy
$\oplus$ Novartis AG Registered Shares	0.94	9.51	-	Healthcare
$\oplus$ Roche Holding AG	0.90	10.41	-	Healthcare
$\oplus$ Lvmh Moet Hennessy Louis Vuitton SE	0.90	11.31	_	Consumer Cyclical

🕀 Increase 👄 Decrease 🌣 New to Portfolio

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## Vanguard International Growth Adm VWILX

#### Portfolio Manager(s)

Simon Webber since 12-2009 Thomas Coutts since 12-2016 James Gautrev 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.

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

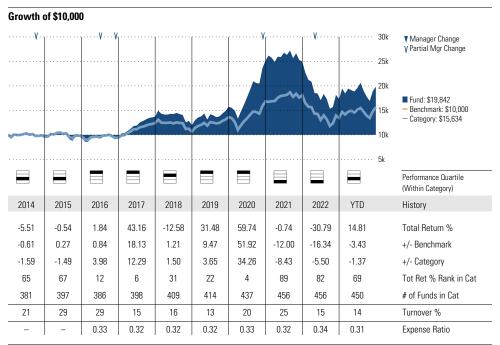
Net Expense: The fund's expense ratio of 0.31 is 69.61% lower than the Foreign Large Growth category average.

#### **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



Alpha

Beta





3.31 Fund Investment Category Median 2.94 Peer Group Median 2.57 2.21 Quartile Rank 1.84 1.47 1.10 0.74 0.37 0.00 Fund vs Fund vs Peer Group Category Δ 8 Percentile 17/464 31/392 Rank

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

**Total Return %** 20% as of 12-31-2023 15 Fund Benchmark 10 Category 5 0 -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % 7.46 8.40 Benchmark Return % Category Average % \_ % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat 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

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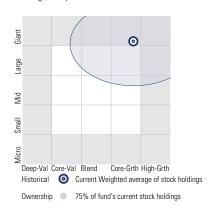


Morningstar Category Morningstar Index Foreign Large Growth

MSCI EAFE NR USD

# Vanguard International Growth Adm VWILX

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





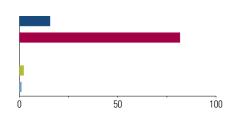


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 12-31-2023



#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.48	39.87	35.43
<b>.</b> #.	Basic Materials	0.54	7.76	6.82
	Consumer Cyclical	22.81	10.94	13.60
ц.	Financial Services	10.13	18.52	14.69
ŵ	Real Estate	0.00	2.65	0.32
V <sup>ar</sup>	Sensitive	43.35	34.60	42.15
đ	Communication Services	7.52	4.06	3.13
0	Energy	1.84	4.44	3.61
¢	Industrials	13.90	16.69	17.97
	Technology	20.09	9.41	17.44
-	Defensive	23.16	25.54	22.41
E	Consumer Defensive	4.76	9.33	7.95
٠	Healthcare	17.65	12.97	13.84
9	Utilities	0.75	3.24	0.62
-				

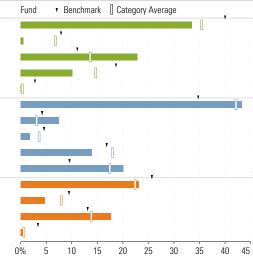
Total	100.00	100.00
Other	0.92	0.66
Cash	2.04	2.81
Bonds	0.00	0.00
Non-US Stocks	81.58	88.63
US Stocks	15.46	7.90
Asset Class	Net %	Cat%

**Morningstar Index** 

MSCI EAFE NR USD

**Morningstar Category** 

Foreign Large Growth



	Greater Asia	Fund % 29.19	Cat % 26.33	Americas	Fund % 23.74	Cat % 16.61	Greater Europe	Fund % 47.08	Cat % 57.07	Market Maturity	Fund %
	Japan	7.46	11.92	North America	16.83	14.13	United Kingdom	7.59	12.56	Developed Markets	79.91
	Australasia	0.94	1.56	Central/Latin	6.91	2.48	W euro-ex UK	38.02	44.00	Emerging Markets	20.09
	Asia-4 Tigers	7.60	5.60				Emrgng Europe	0.00	0.04	Not Available	0.00
	Asia-ex 4 Tigers	13.19	7.25				Africa	1.47	0.47		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 12-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ MercadoLibre Inc	5.17	5.17	85.71	Consumer Cyclical
$\ni$ ASML Holding NV	4.84	10.01	-	Technology
Spotify Technology SA	3.27	13.28	138.01	Communication Svc
🕀 argenx SE	3.08	16.36	-	Healthcare
Tencent Holdings Ltd	2.96	19.32	-	Communication Svc
i  Taiwan Semiconductor Manufacturing Co Ltd	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

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

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## Vanguard International Value Inv VTRIX

Portfolio Manager(s)

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

#### Quantitative Screens

*Q 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.

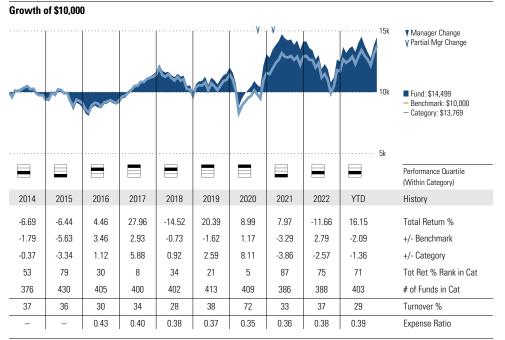
Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

#### **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



#### **Trailing Performance**



Fund Investment Category Median

Quartile Rank

Percentile

Rank

Peer Group Median

**Total Return %** as of 12-31-2023 Fund Benchmark Category

Average annual, if greater than 1 year

Fund Return %
Benchmark Return %
Category Average %
% Rank in Category

# of Funds in Category

## **3-Year Risk Metrics**

	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

	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

31/316 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

10

Fund vs

Peer Group

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Fund vs

Category

32/416

8

4.03

3.58

3.13 2.69

2.24 1.79 1.34 0.90 0.45 0.00

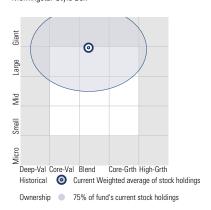


**Morningstar Category** Foreign Large Value

Morningstar Index MSCI EAFE NR USD

# Vanguard International Value Inv VTRIX

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





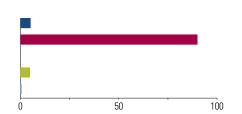


Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 12-31-2023



Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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Energy

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Utilities

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

#### Benchmark [] Category Average Cat Fund 42.87 8.76 10.76 Π 22 14 1.21 35.96 5.11 8.70 1 14.93 ٧. 7.22 21.17 8.08 9.28 3.81 0% 10 15 20 25 30 35 40 45 5

	Greater Asia	Fund % 37.96	Cat % 30.27	Americas	Fund % 11.72	Cat % 8.91	Greater Europe	Fund % 50.32	Cat % 60.81	Market Maturity	Fund %
	Japan	12.02	16.70	North America	7.44	7.81	United Kingdom	16.08	18.08	Developed Markets	81.26
	Australasia	0.59	3.52	Central/Latin	4.28	1.10	W euro-ex UK	33.98	41.85	Emerging Markets	18.74
	Asia-4 Tigers	11.16	7.30				Emrgng Europe	0.00	0.14	Not Available	0.00
	Asia-ex 4 Tigers	14.19	2.75				Africa	0.26	0.74		
	Not Classified	0.00	0.00								
,	•										

Bmark

39.87

7.76

10.94

18 52

2.65

34.60

4.06

4.44

16.69

9.41

25.54

9.33

12.97

3.24

Fund

43.43

10.46

15.97

16.17

0.83

40.07

4.86

6.71

18.01

10.49

16.49

6.14

8.37

1.98

Top 10 Holdings as of 12-31-2023

25-50

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

#### Total Holdings 230

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

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Morningstar Category Morn

Foreign Large Value MSC

y Morningstar Index MSCI EAFE NR USD

## Vanguard Mid-Cap Growth Index Admiral VMGMX

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.

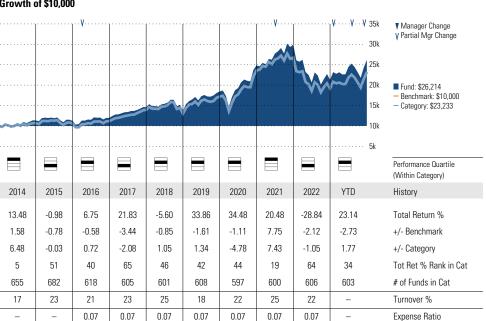
#### **Morningstar Investment Management LLC Analysis**

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





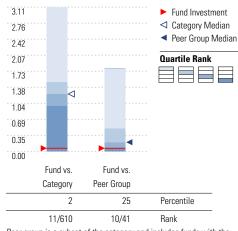
ROE

Morningstar Category

Mid-Cap Growth







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

10 year 10.12	Since Inception 12.29	25 20 15 10 5 0 -5	<ul> <li>Fu</li> <li>Be</li> <li>Ca</li> </ul> Average than 1 Fund	Return %	
10.57	10.93		Benchmark Return %		
9.23	-		Category Average %		
31	_		% Rank in Category		
434	-		# 01	Funds in Cate	gory
3-Year Risk	Metrics	r	und	Bmark	Cat
Alpha		ſ	unu	DIIIdIK	Gal
Alpha Beta			_	_	_
			_	_	_
R-Squared Standard Deviation			1.60		22.03
		2	-	_	
Sharpe Ratio Tracking Error			_	_	_
Information Ratio			_	_	_
Up Capture Rat			_	_	_
Down Capture Ratio			_	_	_
Portfolio M	etrics				
		ŀ	und	Bmark	Cat
Price/Earnings Ratio		2	6.77	26.78	27.96
Price/Book Ratio			5.18	8.34	5.61
Geom Avg Mkt Cap \$B			0.73	23.17	20.97

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25.12

17.17

18.11

Morningstar Index

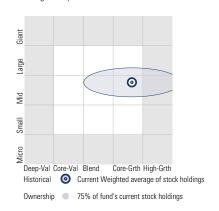
Russell Mid Cap Growth TR USD

**Total Return %** 

as of 12-31-2023

# Vanguard Mid-Cap Growth Index Admiral VMGMX

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







Weight %

>50 25-50 10-25 0-10

#### 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
m lacksquare TransDigm Group Inc	1.65	5.30	66.22	Industrials
🕀 Cintas Corp	1.62	6.92	34.55	Industrials
$oldsymbol{ heta}$ Motorola Solutions Inc	1.61	8.53	22.89	Technology
€ Welltower Inc	1.55	10.08	41.28	Real Estate
Đ Microchip Technology Inc	1.51	11.59	30.63	Technology
Đ DexCom Inc	1.49	13.08	9.58	Healthcare
€ MSCI Inc	1.32	14.40	22.79	Financial Services
$ar{f D}$ 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
m eta Old Dominion Freight Line Inc Ordinary Shares	1.23	20.77	43.40	Industrials
E Cheniere Energy Inc	1.20	21.97	14.92	Energy

#### Total Holdings 153

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

50

100

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

Morningstar Index

Russell Mid Cap Growth TR USD

**Morningstar Category** 

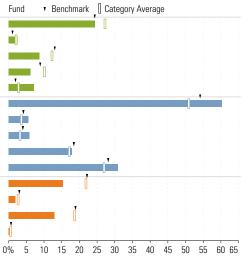
Mid-Cap Growth

#### Sector Weighting as of 12-31-2023

0

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund
Դ	Cyclical	24.35	24.13	27.23	
ŵ.	Basic Materials	2.43	0.88	2.08	
A	Consumer Cyclical	8.68	12.82	12.24	
цф.	Financial Services	6.13	8.71	10.12	
ŵ	Real Estate	7.11	1.72	2.79	
w,	Sensitive	60.26	53.92	50.92	_
đ	Communication Services	5.60	3.95	3.60	
•	Energy	5.84	3.81	3.20	
₽	Industrials	17.89	18.22	17.15	
	Technology	30.93	27.94	26.97	
<b>→</b>	Defensive	15.40	21.94	21.85	
۲	Consumer Defensive	1.88	2.80	2.66	
٠	Healthcare	12.94	18.68	18.66	
Ç	Utilities	0.58	0.46	0.53	(
					00/ 5



## Vanguard Mid-Cap Value Index Admiral VMVAX

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.

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

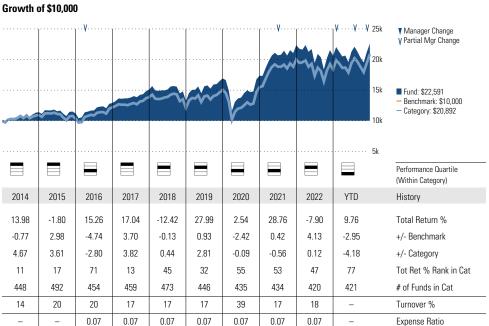
Net Expense: The fund's expense ratio of 0.07 is 92.78% lower than the Mid-Cap Value category average.

#### Morningstar Investment Management LLC Analysis

This fund 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



Morningstar Category

Mid-Cap Value



3.14 Fund Investment Category Median 2.79 Peer Group Median 2.44 2.09 Quartile Rank 1.74 1.40 1.05 0.70 0.35 Fund vs Fund vs Peer Group Category 3 6 Percentile 10/430 2/37 Rank

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-	-	-
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

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Morningstar Index

Russell Mid Cap Value TR USD

- | - | (

## Vanguard Mid-Cap Value Index Admiral VMVAX

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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Energy

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F

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Utilities** 

Consumer Defensive

50

Fund

42.70

7.39

8.25

17.88

9.18

30.33

2.64

3.20

15.47

9.02

26.97

6.00

8.77

12.20

Bmark

42.89

6.09

10.38

15.63

10.79

39.58

3.56

5.35

18.53

12.14

17.52

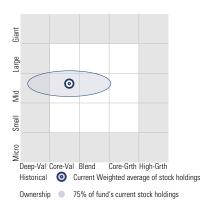
3.46

6.96

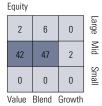
7.10

100

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







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ PACCAR Inc	1.38	1.38	54.43	Industrials
$\ominus$ Arthur J. Gallagher & Co	1.31	2.69	20.44	Financial Services
$\ominus$ 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
⊖ Nucor Corp	1.16	7.56	33.61	Basic Materials
€ ONEOK Inc	1.11	8.66	12.69	Energy
$\ominus$ Digital Realty Trust Inc	1.10	9.77	39.08	Real Estate
eq Centene Corp	1.07	10.84	-9.51	Healthcare
$\ominus$ Ferguson PLC	1.06	11.90	54.45	Industrials
$\ominus$ United Rentals Inc	1.05	12.95	63.00	Industrials
igodolog Ameriprise Financial Inc	1.04	13.99	23.69	Financial Services
earrow Prudential Financial Inc	1.01	15.00	9.30	Financial Services
∋ Allstate Corp	0.99	15.99	5.86	Financial Services
$\oplus$ Otis Worldwide Corp Ordinary Shares	0.99	16.98	15.92	Industrials

#### Total Holdings 202

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

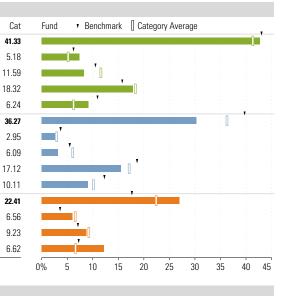
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 Morningstar Category
 Morningstar Index

 Image: Mid-Cap Value
 Russell Mid Cap Value TR USD

Asset Class	Net %	Cat%
US Stocks	98.41	90.56
Non-US Stocks	1.43	6.99
Bonds	0.00	0.01
Cash	0.16	2.00
Other	0.00	0.44
Total	100.00	100.00



## Vanguard Real Estate Index Admiral VGSLX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 27.65 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend — 90.91 % of the time over the past three years.

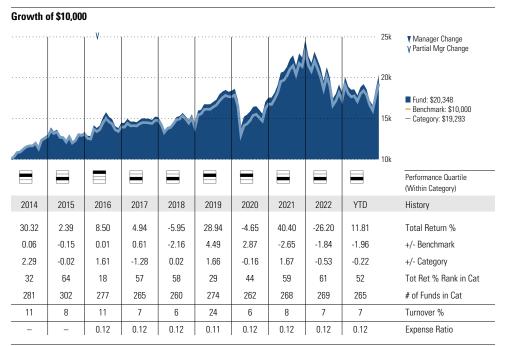
Net Expense: The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

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

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

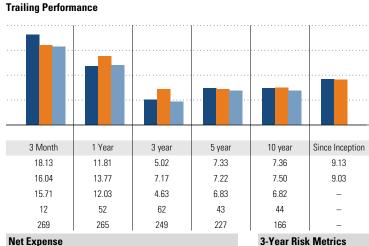
#### **ESG Metrics**

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



**Morningstar Category** 

Real Estate



7.00 Fund Investment Category Median 6.22 Peer Group Median 5.44 4.67 Quartile Rank 3.89 3.11 2.33 1.56 0.78 Fund vs Fund vs Peer Group Category 5 47 Percentile 13/270 27/59 Rank

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

166	_	# of Funds in Category						
3-Year Risk	Metrics							
		Fund	Bmark	Cat				
Alpha		-	-	-				
Beta		-	-	-				
R-Squared		-	-	-				
Standard Devia	ition	21.73	-	20.76				
Sharpe Ratio		-	-	-				
Tracking Error		-	-	-				
Information Ra	tio	-	-	-				
Up Capture Rat	io	-	-	-				
Down Capture	Ratio	-	-	-				
Portfolio M	etrics							

i oraono moaroo			
	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

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Morningstar Index

S&P United States REIT TR USD

**Total Return %** 

as of 12-31-2023

Benchmark
 Category

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

Fund Return %

Fund

20%

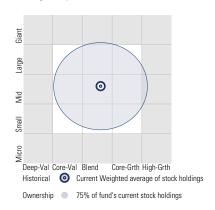
15

10 5

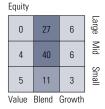
Λ

## Vanguard Real Estate Index Admiral VGSLX

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







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Vanguard Real Estate II Index	13.19	13.19	_	_
igodot Prologis Inc	7.64	20.83	21.33	Real Estate
⊖ American Tower Corp	6.24	27.07	4.94	Real Estate
⊖ Equinix Inc	4.67	31.74	25.17	Real Estate
$\ominus$ Crown Castle Inc	3.10	34.84	-10.46	Real Estate
⊖ Public Storage	2.99	37.83	13.14	Real Estate
$igodoldsymbol{ ightarrow}$ Simon Property Group Inc	2.81	40.64	27.76	Real Estate
○ Welltower Inc	2.80	43.43	41.28	Real Estate
$\ominus$ Realty Income Corp	2.52	45.96	-4.65	Real Estate
$\ominus$ Digital Realty Trust Inc	2.40	48.36	39.08	Real Estate
⊖ CoStar Group Inc	2.21	50.57	13.08	Real Estate
igodot Extra Space Storage Inc	2.10	52.67	13.34	Real Estate
○ CBRE Group Inc Class A	1.79	54.46	20.96	Real Estate
$\ominus$ VICI Properties Inc Ordinary Shares	1.74	56.20	3.36	Real Estate
igodot SBA Communications Corp Class A	1.71	57.90	-8.28	Real Estate

#### Total Holdings 165

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Asset Allocation as of 12-31-2023

50

Other	0.00	10.07
0.1	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%

#### Sector Weighting as of 12-31-2023

0

		Fund	Bmark	Cat	Fund	۲	Be	nchm	ark	] (	Cate	gory	Ave	erage	Э				
Դ	Cyclical	99.16	99.13	99.30													•	•	
æ.	Basic Materials	0.00	0.00	0.04	1														
	Consumer Cyclical	0.00	0.13	1.73															
<b>H</b>	Financial Services	0.00	0.00	0.27	Ó														
俞	Real Estate	99.16	99.00	97.26		÷												-	0
V*	Sensitive	0.84	0.87	0.64	[														
đ	Communication Services	0.84	0.00	0.18	0														
0	Energy	0.00	0.00	0.02															
Ф	Industrials	0.00	0.87	0.25	ľ														
	Technology	0.00	0.00	0.19															
-	Defensive	0.00	0.00	0.06															
	Consumer Defensive	0.00	0.00	0.00															
٠	Healthcare	0.00	0.00	0.01															
9	Utilities	0.00	0.00	0.05															
					00/ E 1		20	25 0		10	4 - 1				70	7	00.0		

100

Real Estate

S&P United States REIT TR USD

<sup>0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 9</sup>**5**00

## Vanguard Small Cap Growth Index Admiral VSGAX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 19.01 years.

Style: The fund has landed in its primary style box — Small Growth — 86.67 % of the time over the past three years.

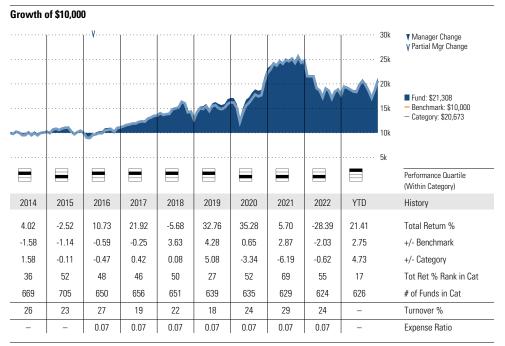
Net Expense: The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

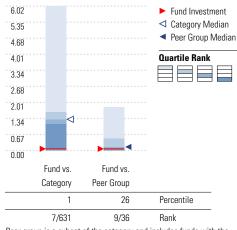
Small Growth

Morningstar Index

Russell 2000 Growth TR USD







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

7.10	3.40	Denci	indik netun	1 /0
8.09	-	Categ	jory Average	%
53	-	% Ra	nk in Catego	ry
433	-	# of F	unds in Cate	gory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		-	-	_
Beta		-	-	_
R-Squared		-	-	-
Standard Devia	ition	21.73	-	21.94
Sharpe Ratio		-	-	-
Tracking Error		-	-	-
Information Rat	tio	-	-	-
Up Capture Rat	io	-	-	-
Down Capture	Ratio	-	-	-
Portfolio M	etrics			
		Fund	Bmark	Cat

	Fullu	DIIIdIK	Gdl
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

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## Vanguard Small Cap Growth Index Admiral VSGAX

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

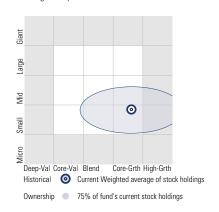
Technology

Defensive

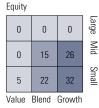
Healthcare

**Consumer Defensive** 

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







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Slcmt1142	1.92	1.92	_	_
$\ni$ PTC Inc	0.85	2.77	45.75	Technology
igodolog Targa Resources Corp	0.83	3.60	20.71	Energy
$\ni$ Axon Enterprise Inc	0.79	4.39	55.69	Industrials
ightarrow Entegris Inc	0.77	5.17	83.29	Technology
igodolog Deckers Outdoor Corp	0.74	5.91	67.46	Consumer Cyclical
$\supset$ Vertiv Holdings Co Class A	0.71	6.62	251.79	Industrials
$oldsymbol{f D}$ DraftKings Inc Ordinary Shares - Class A	0.64	7.25	209.48	Consumer Cyclical
$\ni$ Graco Inc	0.63	7.89	30.39	Industrials
e Dynatrace Inc Ordinary Shares	0.62	8.51	42.79	Technology
Eunnox International Inc	0.62	9.12	88.89	Industrials
$\ni$ Nordson Corp	0.58	9.71	12.24	Industrials
ightarrow  Exact Sciences Corp	0.58	10.28	49.42	Healthcare
⇒ Watsco Inc Class A	0.57	10.86	75.73	Industrials
igodolog Manhattan Associates Inc	0.57	11.43	77.36	Technology

#### Total Holdings 641

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

50

Fund

25.70

2.29

12.99

4.82

5.60

52.12

2.60

5.13

18.23

26.16

22.19

3.67

17.70

0.82

Bmark

21.96

4.57

10.05

5 65

1.69

49.40

1.90

4.46

18.20

24.84

28.63

4.87

22.18

1.58

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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

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

Morningstar Category

100

Cat

24.36

3.08

10.83

8 1 1

2.34

51.10

1.57

4.41

19.88

25.24

24.54

4.60

19.20

0.74

Morningstar Index

Russell 2000 Growth TR USD

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## Vanguard Small Cap Value Index Admiral VSIAX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 7.68 years.

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

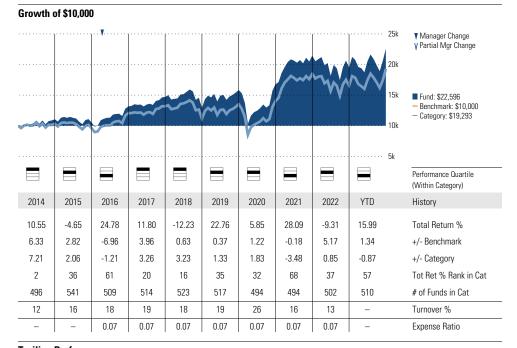
Net Expense: The fund's expense ratio of 0.07 is 93.75% lower than the Small Value category average.

#### **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



**Morningstar Category** 

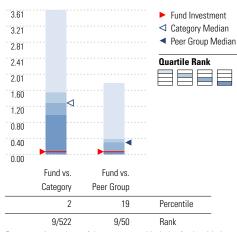
Small Value





Alpha

Beta



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

Λ Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat **R-Squared** Standard Deviation 20.55 21 43 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** 

**Total Return %** 

as of 12-31-2023 Fund

Benchmark

Category

15

10 5

	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

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Morningstar Index

Russell 2000 Value TR USD

## Vanguard Small Cap Value Index Admiral VSIAX

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

0

€ Cyclical

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Energy

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F

Utilities

50

Fund

50.27

6.11

13.96

19.88

10.32

35.57

2.44

4.74

20.77

7.62

14.16

4.09

6.23

3.84

Bmark

52.87

5.10

10.91

24 11

12.75

30.99

2.22

8.86

12.49

7.42

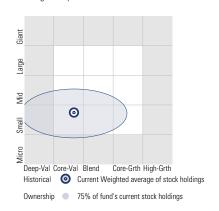
16.14

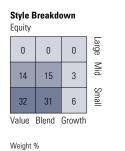
3.31

8.97

3.86

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





>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Slcmt1142	0.74	0.74	_	-
$\ni$ Builders FirstSource Inc	0.69	1.43	157.31	Industrials
$\ni$ 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
$\ominus$ Reliance Steel & Aluminum Co	0.54	3.62	40.13	Basic Materials
∋ Atmos Energy Corp	0.53	4.16	6.12	Utilities
∋ Jabil Inc	0.52	4.67	87.27	Technology
eq Carlisle Companies Inc	0.51	5.18	33.94	Industrials
$\ominus$ First Citizens BancShares Inc Class A	0.48	5.66	87.62	Financial Services
$\ominus$ RPM International Inc	0.48	6.14	16.32	Basic Materials
$\ominus$ Kimco Realty Corp	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
ightarrow Gaming and Leisure Properties Inc	0.42	7.87	0.79	Real Estate

#### Total Holdings 858

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





1.06 0.00	3.27 0.07
0.00	0.10
0.00	0.10
0.88	3.13
98.06	93.45
Net %	Cat%
	98.06 0.88

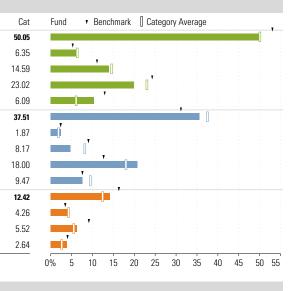
**Morningstar Index** 

Russell 2000 Value TR USD

**Morningstar Category** 

Small Value

100



been in existence.

place for 10.86 years.

**ESG Metrics** 

Sustainability Rating

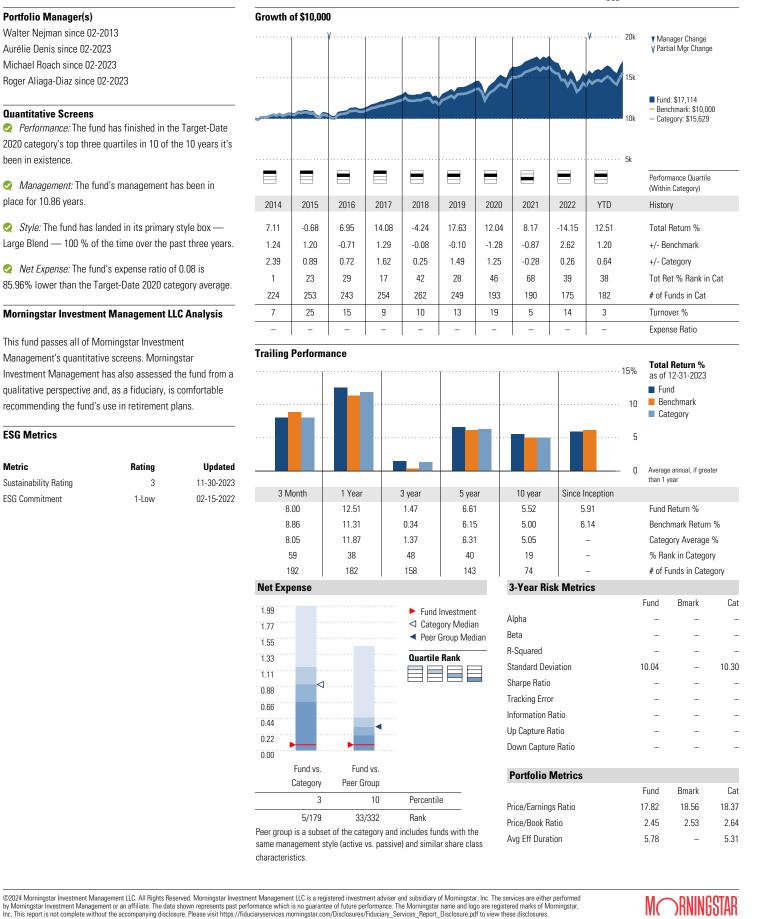
ESG Commitment

Metric

## Vanguard Target Retirement 2020 Fund VTWNX

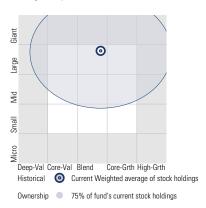
Morningstar Category Target-Date 2020

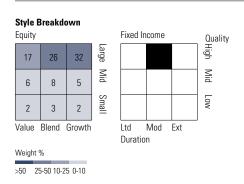
Morningstar Index Morningstar Lifetime Mod 2020 TR USD



## Vanguard Target Retirement 2020 Fund VTWNX

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





## 

2.35 0.04	7.32
Z.30	2.90
2.05	2.98
58.49	44.83
15.67	16.63
23.44	28.24
Net %	Cat%
	23.44 15.67

Morningstar Category

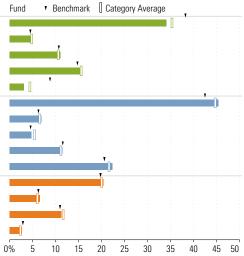
Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund	۲
Դ	Cyclical	34.14	38.07	35.30		
<b>.</b>	Basic Materials	4.59	4.34	4.78		
A	Consumer Cyclical	11.02	10.53	10.58		
<b>L</b>	Financial Services	15.45	14.58	15.54		
ŵ	Real Estate	3.08	8.62	4.40		
v.	Sensitive	45.45	42.32	44.71		
	Communication Services	6.92	6.10	6.54		)
0	Energy	4.77	4.39	5.42		]
₽	Industrials	11.46	11.39	11.14		
	Technology	22.30	20.44	21.61		
-	Defensive	20.43	19.60	20.00		
F	Consumer Defensive	6.54	6.08	6.03		Ó
٠	Healthcare	11.25	10.80	11.63	_	
9	Utilities	2.64	2.72	2.34		



#### Top 7 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	33.35	33.35	_	_
$igodoldsymbol{ imes}$ Vanguard Total Stock Mkt Idx InstI PIs	-	23.56	56.91	_	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	16.05	72.95	_	-
🕀 Vanguard Total Intl Bd II Idx Insl	-	14.61	87.56	_	-
$\oplus$ 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

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



been in existence.

place for 10.86 years.

**ESG Metrics** 

Sustainability Rating

Carbon Risk Score

ESG Commitment

Metric

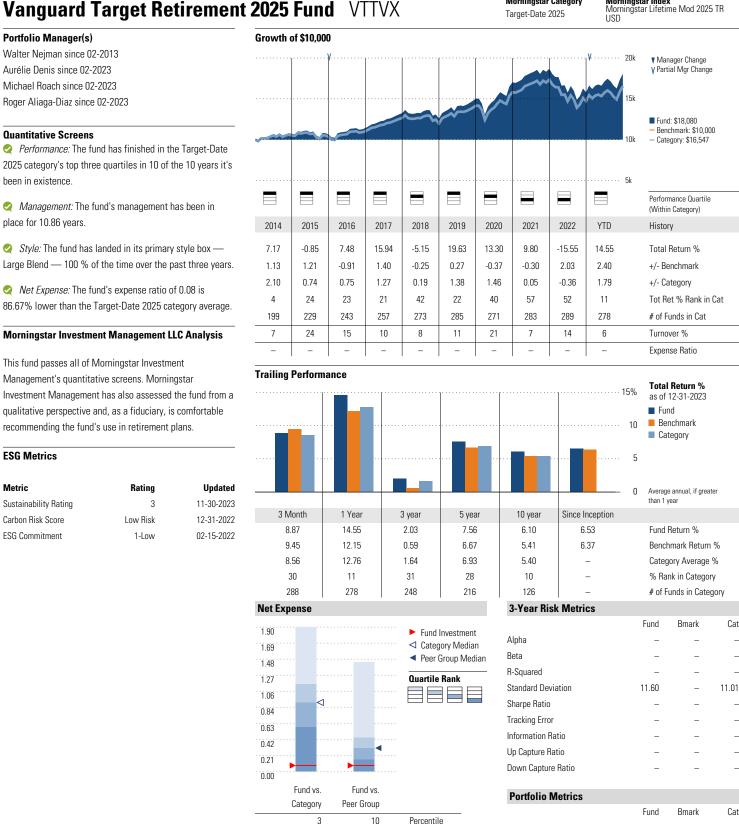
## Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category

Price/Earnings Ratio

Price/Book Ratio

Avg Eff Duration



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

50/503

Rank

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8/261



18.36

2.50

18.52

2.64

6 1 1

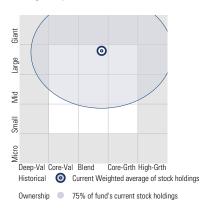
17 82

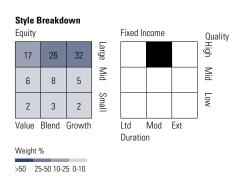
2.45

6 1 3

## Vanguard Target Retirement 2025 Fund VTTVX

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





# 

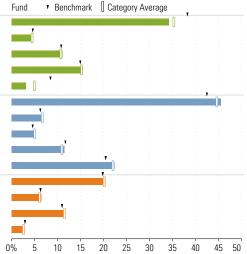
2.27 0.05	2.52 11.35
2.27	2.52
45.14	40.63
21.02	15.85
31.53	29.65
Net %	Cat%
	31.53 21.02

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

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	F
Դ	Cyclical	34.15	38.06	35.28	
æ.	Basic Materials	4.60	4.43	4.43	
	Consumer Cyclical	11.03	10.60	10.70	
цф	Financial Services	15.45	14.76	15.21	
ŵ	Real Estate	3.07	8.27	4.94	
w	Sensitive	45.46	42.29	44.62	
g	Communication Services	6.92	6.07	6.67	
•	Energy	4.77	4.41	5.00	
¢	Industrials	11.45	11.52	10.92	
	Technology	22.32	20.29	22.03	
	Defensive	20.39	19.65	20.11	
F	Consumer Defensive	6.52	6.11	6.09	
٠	Healthcare	11.24	10.80	11.47	
9	Utilities	2.63	2.74	2.55	



#### Top 7 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	31.69	31.69	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	28.34	60.03	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	21.52	81.55	-	-
🕀 Vanguard Total Intl Bd II Idx Insl	-	12.44	93.99	-	-
$\oplus$ 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

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



## Vanguard Target Retirement 2030 Fund VTHRX

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.

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

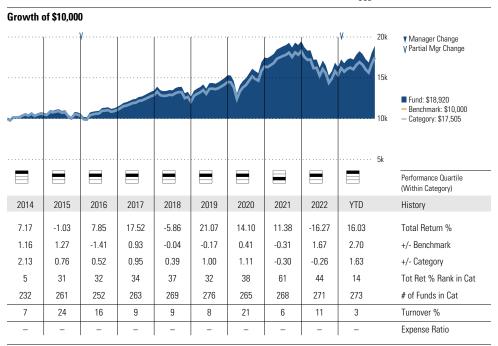
Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

#### **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.

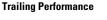
#### **ESG Metrics**

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

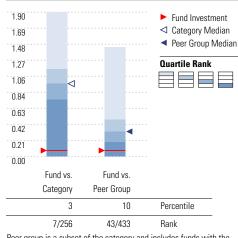


Morningstar Category

Target-Date 2030







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

133   -	# OFFUTURUS IN Category			
3-Year Risk Metrics				
	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

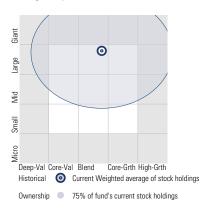
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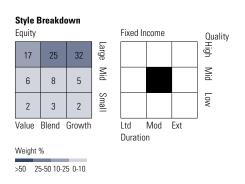


Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Vanguard Target Retirement 2030 Fund VTHRX

**Style Analysis** as of 12-31-2023 Morningstar Style Box<sup>™</sup>





# 

Cash Other	2.03 0.04	1.47 11.70
Cash	2.03	1.47
	0.00	1 47
Bonds	36.29	32.00
Non-US Stocks	24.40	19.60
US Stocks	37.24	35.23
Asset Class	Net %	Cat%

Morningstar Category

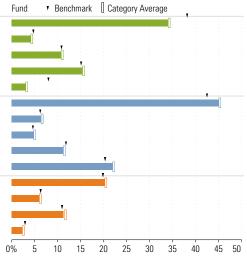
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Func
Դ	Cyclical	34.09	38.00	34.25	
æ.	Basic Materials	4.57	4.55	4.38	
A	Consumer Cyclical	11.03	10.68	10.99	
	Financial Services	15.42	14.94	15.62	
ŵ	Real Estate	3.07	7.83	3.26	
w,	Sensitive	45.48	42.32	45.27	
đ	Communication Services	6.93	6.05	6.62	
0	Energy	4.75	4.46	5.01	
٥	Industrials	11.42	11.65	11.46	
	Technology	22.38	20.16	22.18	
-	Defensive	20.42	19.69	20.48	
E	Consumer Defensive	6.52	6.14	6.24	
٠	Healthcare	11.26	10.80	11.70	
9	Utilities	2.64	2.75	2.54	



#### Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt Idx Instl PIs	_	37.43	37.43	-	_
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	25.58	63.01	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	24.98	87.99	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	11.03	99.02	-	-
⊕ Mktliq 12/31/2049	-	0.98	99.99	-	-
🕀 Us Dollar	_	0.01	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

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.

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

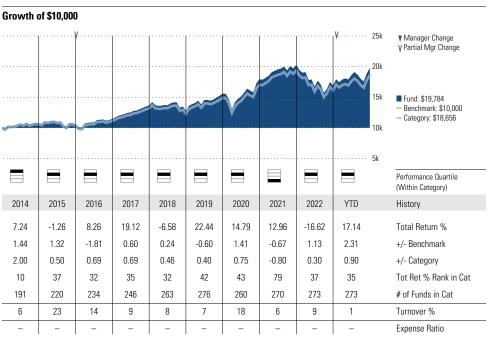
Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2035 category average.

#### **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**

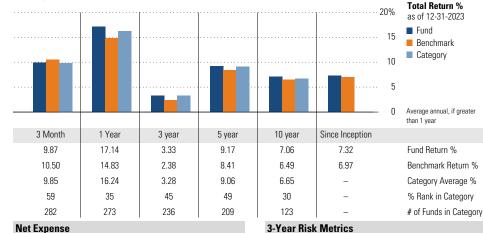
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

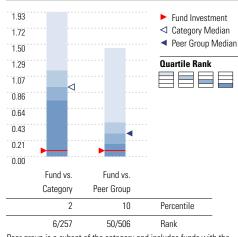


Morningstar Category

Target-Date 2035







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

 Subscription
 Fund
 Bmark
 Cat

 Alpha

 Beta

 R-Squared

 Standard Deviation
 13.48
 13.61

 Sharpe Ratio

 Tracking Error

 Information 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

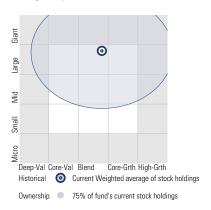
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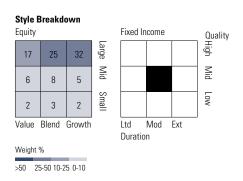


Morningstar Index Morningstar Lifetime Mod 2035 TR USD

## Vanguard Target Retirement 2035 Fund VTTHX

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





#### Top 6 Holdings as of 12-31-2023

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0		50

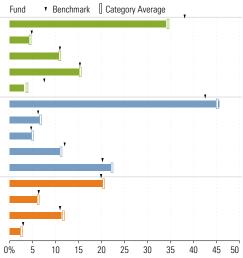
5 1.82 5 11.80
4 22.02
4 22.82
3 22.01
3 41.55
% Cat%

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

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund
Դ	Cyclical	34.01	37.90	34.43	
ŵ.	Basic Materials	4.54	4.64	4.43	
۵	Consumer Cyclical	11.02	10.77	10.90	
<u>,</u>	Financial Services	15.37	15.12	15.34	
æ	Real Estate	3.08	7.37	3.76	
M	Sensitive	45.57	42.37	45.14	
d	Communication Services	6.95	6.03	6.73	
•	Energy	4.74	4.51	4.98	
\$	Industrials	11.38	11.80	11.17	
2	Technology	22.50	20.03	22.26	
•	Defensive	20.42	19.73	20.43	
-	Consumer Defensive	6.51	6.16	6.20	
	Healthcare	11.28	10.80	11.69	_
	Utilities	2.63	2.77	2.54	



Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt Idx Instl PIs	-	42.35	42.35	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	27.47	69.81	_	_
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	20.32	90.14	_	_
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	8.77	98.91	_	_
① Mktliq 12/31/2049	-	1.09	100.00	-	-
⊕ Us Dollar	-	0.00	100.00	-	-

#### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

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 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.

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

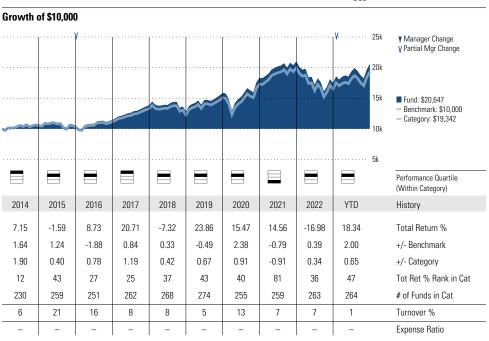
Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2040 category average.

#### 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

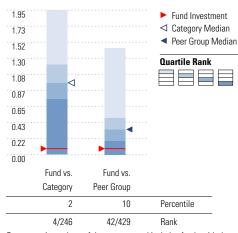


Morningstar Category

Target-Date 2040

#### **Trailing Performance**





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

127	_	# of Funds in Category					
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		-	-	-			
Beta		-	-	-			
R-Squared		-	-	-			
Standard Devia	tion	14.30	-	14.71			
Sharpe Ratio		-	-	-			
Tracking Error		-	-	-			
Information Rat	tio	-	-	-			
Up Capture Rat	io	-	-	-			
Down Capture	Ratio	-	-	-			
Portfolio M	etrics						

Morningstar Index Morningstar Lifetime Mod 2040 TR

USD

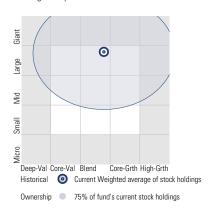
Portiono metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.78	18.34
Price/Book Ratio	2.48	2.39	2.66
Avg Eff Duration	6.56	-	7.59

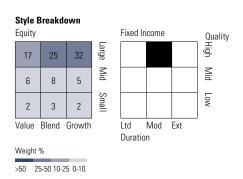
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## Vanguard Target Retirement 2040 Fund VFORX

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





# 

29.67 21.79 1.90 0.05	26.58 13.45 1.65 10.26
21.79	13.45
29.67	26.58
46.58	48.07
Net %	Cat%
	46.58

Morningstar Category

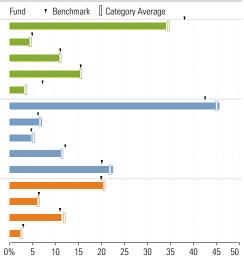
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund	Bench
Դ	Cyclical	34.01	37.87	34.47		
æ.	Basic Materials	4.54	4.74	4.49		
4	Consumer Cyclical	11.02	10.84	10.98		
цů,	Financial Services	15.37	15.29	15.47		
ŵ	Real Estate	3.08	7.00	3.53		
w,	Sensitive	45.60	42.36	44.99	_	
đ	Communication Services	6.96	6.01	6.61	]	
0	Energy	4.75	4.54	5.17		_
٥	Industrials	11.39	11.92	11.38		[
	Technology	22.50	19.89	21.83		
<b>→</b>	Defensive	20.42	19.76	20.53		
F	Consumer Defensive	6.51	6.19	6.18		_
٠	Healthcare	11.28	10.79	11.86	_	
9	Utilities	2.63	2.78	2.49		



#### Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt Idx Instl PIs	_	46.83	46.83	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	30.36	77.19	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	15.40	92.60	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	6.58	99.18	_	-
① Mktliq 12/31/2049	-	0.82	99.99	-	-
🕀 Us Dollar	_	0.01	100.00	-	-

#### Total Holdings 6



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.86 years.

**ESG Metrics** 

Sustainability Rating

Carbon Risk Score

ESG Commitment

Metric

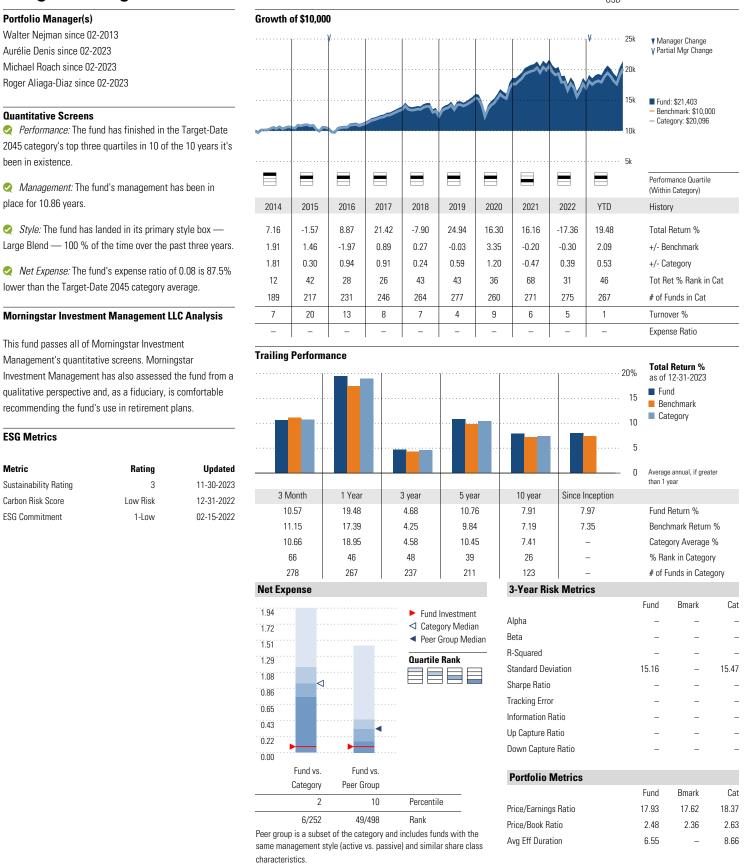
Walter Nejman since 02-2013

Roger Aliaga-Diaz since 02-2023

Aurélie Denis since 02-2023 Michael Roach since 02-2023

## Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category Target-Date 2045

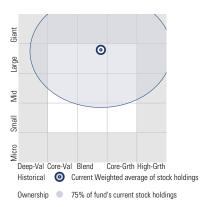


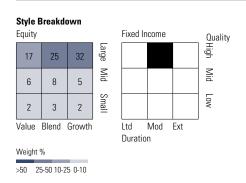
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## Vanguard Target Retirement 2045 Fund VTIVX

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





## 50 100 0

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

Morningstar Category

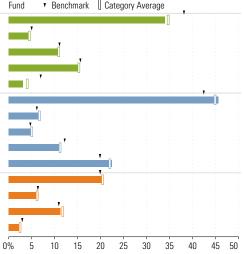
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund	<ul> <li>Bend</li> </ul>	hmark	Cat	egory
Դ	Cyclical	34.00	37.97	34.69					
ŵ.	Basic Materials	4.54	4.84	4.50		_			
A	Consumer Cyclical	11.03	10.89	10.89			_		
ц <u>ф</u>	Financial Services	15.36	15.43	15.27		_			
ŵ	Real Estate	3.07	6.81	4.03					
w,	Sensitive	45.57	42.27	44.89					
d	Communication Services	6.95	5.97	6.68		]			
0	Energy	4.74	4.56	5.03					
¢	Industrials	11.38	12.03	11.18				_	
	Technology	22.50	19.71	22.00				-)	
<b>→</b>	Defensive	20.42	19.74	20.42					
F	Consumer Defensive	6.50	6.20	6.18		_			
٠	Healthcare	11.28	10.75	11.77	_				
2	Utilities	2.64	2.79	2.47					
						10	45		05



#### **Top 6 Holdings** as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	51.14	51.14	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	33.15	84.29	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	10.32	94.61	_	-
$\oplus$ Vanguard Total Intl Bd II Idx 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

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 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.

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

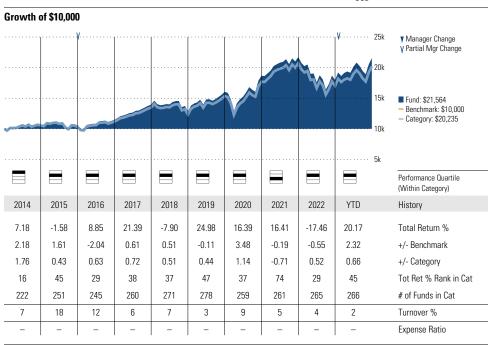
Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2050 category average.

#### **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



Morningstar Category

Target-Date 2050

#### **Trailing Performance** 25% 20 15 10 5 Λ 3 Month 1 Year 5 vear 10 veai Since Inception 3 yea 10.79 20.17 4.91 10.93 7.99 7.51 11.26 17.85 4.52 10.03 7.23 7.39 10.86 19 51 4 79 10 62 7 52 \_ 61 45 41 40 23 276 266 236 210 129

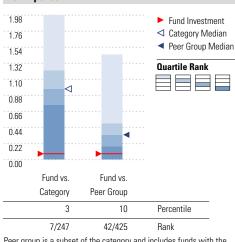
Alpha

Beta

**R-Squared** 

Down Capture Ratio

Net Expense



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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Standard Deviation 15 53 15 84 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio

**Total Return %** 

as of 12-31-2023

Benchmark

Category

Fund

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

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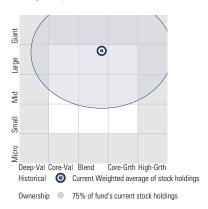


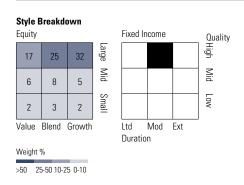
Morningstar Index Morningstar Lifetime Mod 2050 TR

USD

## Vanguard Target Retirement 2050 Fund VFIFX

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





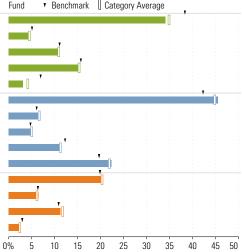
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Morningstar Category Target-Date 2050	<b>Morningstar Index</b> Morningstar Lifetime Mod 2050 TR USD				
Asset Class	Net %	Cat%			
US Stocks	53.23	53.58			
Non-US Stocks	35.23	28.57			
Bonds	9.48	6.68			
Cash	1.99	1.42			
Other	0.07	9.74			
Total	100.00	100.00			

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund	<ul> <li>Ber</li> </ul>	nchmark	Cate	egor
Դ	Cyclical	34.13	38.17	34.87					
æ.	Basic Materials	4.59	4.92	4.50		_			
A	Consumer Cyclical	11.03	10.92	10.89			_		
цů	Financial Services	15.43	15.54	15.32		_			
ŵ	Real Estate	3.08	6.79	4.16					
W#	Sensitive	45.46	42.12	44.82					
d	Communication Services	6.92	5.93	6.63		0			
0	Energy	4.76	4.58	5.02			_		
٥	Industrials	11.43	12.11	11.26				_	
	Technology	22.35	19.50	21.91				)	
<b>→</b>	Defensive	20.41	19.70	20.30		-			
F	Consumer Defensive	6.52	6.20	6.15		0			
٠	Healthcare	11.25	10.71	11.73					
2	Utilities	2.64	2.79	2.42					
					00/	10	15	20	2



#### Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.50	53.50	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.07	89.57	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.85	96.42	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.72	99.14	-	-
① Mktliq 12/31/2049	-	0.84	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2055 Fund VFFVX

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.

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

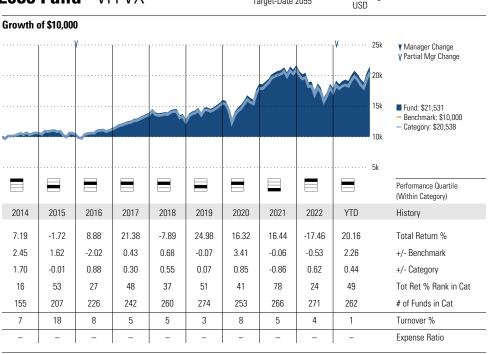
Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2055 category average.

#### 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

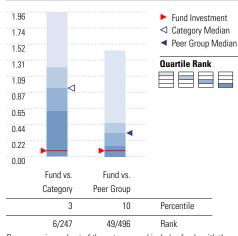


Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR

#### **Trailing Performance Total Return %** 25% as of 12-31-2023 Fund 20 Benchmark 15 Category 10 5 Λ Average annual, if greater than 1 year 3 Month 1 Year 5 vear 10 veai Since Inception 3 year Fund Return % 10.78 20.16 4.92 10.92 7.97 9.77 11.30 17.90 4.50 10.01 7.18 7.36 Benchmark Return % 10.94 4 86 10 73 7 56 1972 \_ 62 49 40 43 25 272 262 232 208 100 Net Expense



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

Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** 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** 

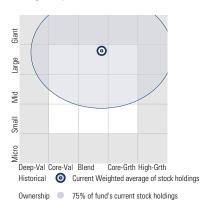
Fund	Bmark	Cat
17.83	17.36	18.23
2.45	2.30	2.63
6.54	-	10.33
	17.83 2.45	17.83         17.36           2.45         2.30

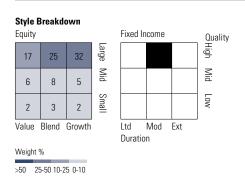
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## Vanguard Target Retirement 2055 Fund VFFVX

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





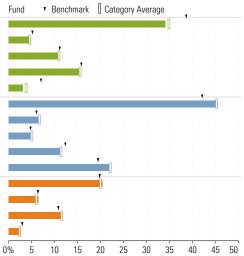
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Morningstar Category Target-Date 2055	<b>Morningstar Index</b> Morningstar Lifetime Mod 2055 TR USD				
Asset Class	Net %	Cat%			
US Stocks	53.10	52.19			
Non-US Stocks	35.28	28.51			
Bonds	9.58	6.36			
Cash	1.96	1.85			
Other	0.07	11.08			
Total	100.00	100.00			

#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund	۲	Ber
Դ	Cyclical	34.11	38.46	34.85			
æ.	Basic Materials	4.59	5.00	4.59			
4	Consumer Cyclical	11.02	10.94	10.94			
цů	Financial Services	15.43	15.64	15.53		,	
ŵ	Real Estate	3.07	6.88	3.79			
w,	Sensitive	45.46	41.92	45.21			-
	Communication Services	6.93	5.88	6.69		0	
0	Energy	4.76	4.60	5.06			
₽	Industrials	11.44	12.16	11.38			
	Technology	22.33	19.28	22.08			-
<b>→</b>	Defensive	20.41	19.63	19.97		_	
F	Consumer Defensive	6.52	6.20	6.04		j –	_
٠	Healthcare	11.25	10.64	11.55			
	Utilities	2.64	2.79	2.38			



#### Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.37	53.37	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.13	89.50	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.97	96.47	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.71	99.18	-	-
① Mktliq 12/31/2049	-	0.81	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

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.

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

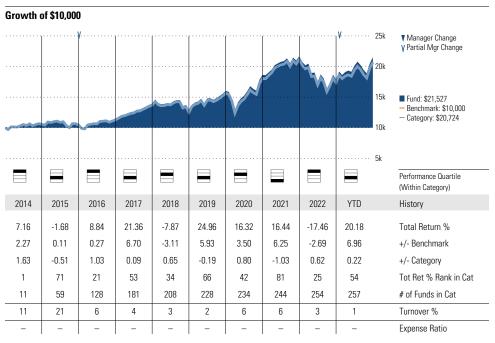
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2060 category average.

#### 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**

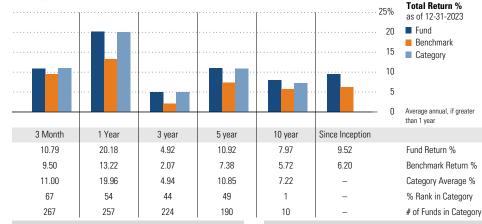
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



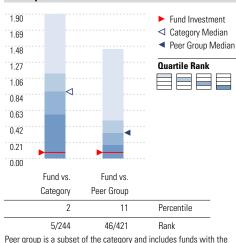
**Morningstar Category** 

Target-Date 2060

#### **Trailing Performance**



Net Expense



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

3-Year Risk MetricsFundBmarkCatAlpha--Beta--R-Squared--Standard Deviation15.52-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

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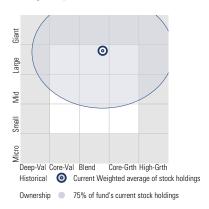


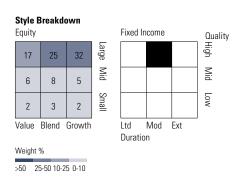
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2060 Fund VTTSX

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





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Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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Energy

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Utilities

Cyclical

Real Estate

Sensitive

Industrials

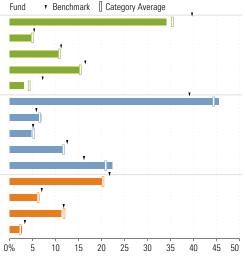
Technology

Defensive

Healthcare

Asset Class	Net %	Cat%
US Stocks	53.05	45.91
Non-US Stocks	35.31	31.01
Bonds	9.52	6.47
Cash	2.08	1.69
Other	0.07	14.93
Total	100.00	100.00

#### Bmark Cat Fund Fund 34.13 39.51 35.37 Basic Materials 4.59 5.17 4.97 Consumer Cyclical 11.03 11.03 10.81 Financial Services 15.36 15 44 16 29 3.07 7.02 4.23 45.46 38.94 44.35 **Communication Services** 6.92 5.65 6.53 5.24 4.77 4.93 11.44 12.35 11.69 22.33 16.01 20.89 20.40 21.56 20.29 **Consumer Defensive** 6.52 6.82 6.17 11.24 11.59 11.81 2.64 3.15 2.31



#### Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.31	53.31	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	_	36.15	89.47	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	_	6.87	96.34	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	_	2.73	99.07	-	-
⊕ Mktliq 12/31/2049	-	0.91	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	_	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



**Morningstar Category** Target-Date 2060

**Morningstar Index** Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

#### Portfolio Manager(s)

Walter Neiman since 07-2017 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 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.

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

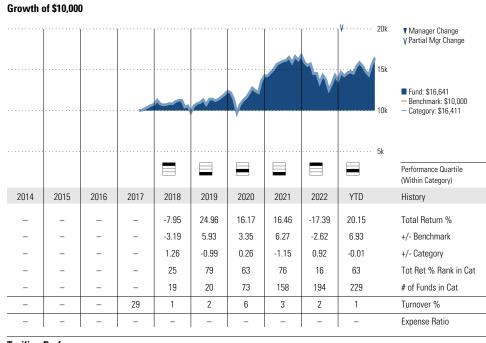
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

#### **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



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Up Capture Ratio

Down Capture Ratio

**Portfolio Metrics** 

Price/Earnings Ratio

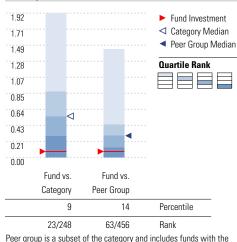
Price/Book Ratio

Avg Eff Duration





Net Expense



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

Category 10 5 0 Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Standard Deviation 15 52 16 23 Information Ratio

Fund

17 83

2.45

6 54

**Total Return %** 

as of 12-31-2023

Benchmark

Fund

25%

20

15

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Bmark

17.11

2.23

Cat

17.78

2.50

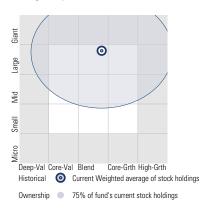
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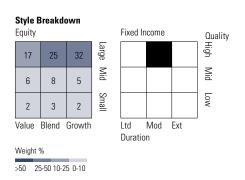
**Morningstar Category** Morningstar Index Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

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





# 0 50 100

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

Fund

34.13

4.59

11.02

15 44

3.08

45.45

6.92

4.76

11.44

22.33

20.41

6.52

11.25

2.64

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	53.00	44.70
Non-US Stocks	35.23	31.85
Bonds	9.47	11.09
Cash	2.23	1.54
Other	0.07	10.82
Total	100.00	100.00

#### Benchmark [] Category Average Cat Fund 35.23 4.94 10.92 15.94 3.43 44.98 6.68 5.19 11.70 21.41 19.80 6.22 11.21 2.37 0% 10 15 20 25 30 35 40 45 50 5

#### Top 6 Holdings as of 12-31-2023

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	53.27	53.27	-	_
-	36.07	89.34	_	-
-	6.85	96.19	_	-
-	2.72	98.91	_	-
-	1.09	100.00	-	-
-	0.00	100.00	-	-
		- 53.27 - 36.07 - 6.85 - 2.72 - 1.09	- 53.27 53.27 - 36.07 89.34 - 6.85 96.19 - 2.72 98.91 - 1.09 100.00	- 53.27 53.27 - - 36.07 89.34 - - 6.85 96.19 - - 2.72 98.91 - - 1.09 100.00 -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Mo

Target-Date 2065+

Morningstar Index Morningstar Mod Tgt Risk TR USD

### Vang

Mornin star Index

tar Mod Tgt Risk TR USD

V Manager Change

V Partial Mgr Change

Fund: \$12,270 - Benchmark: \$10,000

- Category: \$12,250

Performance Quartile

(Within Category) History

Total Return % +/- Benchmark

+/- Category

Turnover % Expense Ratio

Tot Ret % Rank in Cat

# of Funds in Cat

**Total Return %** as of 12-31-2023

Average annual, if greater than 1 year

Bmark

\_

\_

Cat

\_

16.23

\_ \_

Cat 17.78

2.50

9.29

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category

Fund Benchmark Category

Vanguard T	arget Re	tirement	t <b>2070</b>	Fund		SVN>	<			<b>Morningstar</b> Target-Date :			<b>ingstar Ind</b> ingstar Mo
Portfolio Manager(s)			Growth o	of \$10,000	)								
Walter Nejman since 06-								r · · · · · · · · · · · · · · ·	ſ	· · · · · · · · · · · · · · · · · · ·		γ·	15k 🔻 N
Aurélie Denis since 02-20													γP
Michael Roach since 02-2 Roger Aliaga-Diaz since (													
loger Anaga-Diaz since (	2-2023												10k 🔳 F
Quantitative Screens											V		— E — (
The Performance screen		r funds with											
ess than three years of d	ata.												5k
× Management: The fur		eam has been in											Per
place for less than three	/ears.												(Wi
Style: The fund has la	inded in its primary	v style box —	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	His
arge Blend — 100 % of	the time over the p	oast three years.	-	-	-	-	-	-	-	-	-	20.24	To
Net Expense: The fur	.d's expense ratio o	of 0.08 is	-	-	-	-	-	-	-	-	-	7.02	+/-
86.89% lower than the Ta			-	-	-	-	-	-	-	-	-	0.08	+/-
average.			-	-	-	-	-	-	-	-	-	58	Tot
Morningstar Investme	t Management I	I C Analysis		-	-	-	-	-	-	-	- 44	229 2	# o' Tur
normingstar investmen	n munugement E	Lo Anarysis		_	_	_	_	-	_		-	-	Exp
This fund fails the manag		ue to a limited	Trailing	Deufeum		I	1			1		1	
nistory for this target-dat	e vintage.		Trailing	Performa	ince								5% <b>To</b>
ESG Metrics												L	20 as
Metric	Rating	Updated											15
Sustainability Rating	3	11-30-2023											10
Carbon Risk Score	Low Risk	12-31-2022											5
													0 Aver than
				lonth	1 Year		3 year	5 yea	ar	10 year		nception	
				.83 50	20.24 13.22		- 2.07	7.38		- 5.72		8.76 .20	Fur Ber
				.00	20.16		4.97	11.2		-		-	Cat
			6	65	58		-	-		-		-	%
				60	229		-	-		-		-	# 0
			Net Exp	ense						3-Year Ri	sk Metri	CS	Fried
			1.92					Investment		Alpha			Fund
			1.71					jory Media Group Med	n	Beta			_
			1.49 1.28				Quartile			R-Squared			-
			1.07						_	Standard De			-
			0.85	• • • • •						Sharpe Ratio			-
			0.64							Tracking Erro Information I			_
			0.43			<				Up Capture F			_
			0.21		•					Down Captu	re Ratio		-
				Fund vs.	Fun	d vs.				Portfolio	Motrico		
				Category	Peer G	roup				FUIUUIIU	wieurics		Fund
				9		14	Percenti	e		Price/Earning	gs Ratio		17.85
			Peer aroun	23/248 Lis a subse		/456 ecory and	Rank includes fui	nds with th	e	Price/Book R	latio		2.46
			• •			0,	e) and simila			Avg Eff Dura	tion		6.55
			characteris	stics.									



Bmark

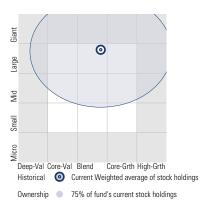
17.11

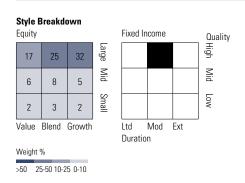
2.23

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## Vanguard Target Retirement 2070 Fund VSVNX

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





# 50 100

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

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Morningstar Category

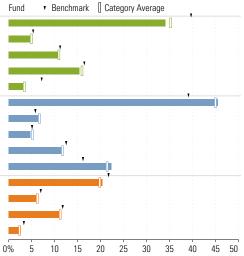
Target-Date 2065+

#### Sector Weighting as of 12-31-2023

0

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	F
Դ	Cyclical	34.10	39.51	35.23	
<b>.</b>	Basic Materials	4.57	5.17	4.94	
4	Consumer Cyclical	11.03	11.03	10.92	
<b>H</b>	Financial Services	15.42	16.29	15.94	
ŵ	Real Estate	3.08	7.02	3.43	
₩ <b>r</b>	Sensitive	45.48	38.94	44.98	
	Communication Services	6.93	5.65	6.68	
0	Energy	4.76	4.93	5.19	
٥	Industrials	11.43	12.35	11.70	
	Technology	22.36	16.01	21.41	
-	Defensive	20.42	21.56	19.80	
F	Consumer Defensive	6.52	6.82	6.22	
٠	Healthcare	11.26	11.59	11.21	
2	Utilities	2.64	3.15	2.37	



#### Top 6 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	53.65	53.65	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.98	89.63	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	7.07	96.69	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.91	99.61	-	-
⊕ Mktliq 12/31/2049	-	0.27	99.88	-	-
🕀 Us Dollar	-	0.12	100.00	-	_

#### Total Holdings 6



Portfolio Manager(s)

Quantitative Screens

years it's been in existence.

place for 10.86 years.

**ESG Metrics** 

Sustainability Rating

ESG Commitment

Metric

Aurélie Denis since 02-2023

## Vanguard Target Retirement Income Fund VTINX

Morningstar Index Morningstar Lifetime Mod Incm TR

Vanager Change

V Partial Mgr Change

- Benchmark: \$10,000

Category: \$14,069

Morningstar Category Target-Date Retirement USD Growth of \$10,000 Walter Nejman since 02-2013 201 Michael Roach since 02-2023 15k Roger Aliaga-Diaz since 02-2023 Fund: \$14.926 *Performance:* The fund has finished in the Target-Date Retirement category's top three quartiles in 10 of the 10 5k \_\_\_\_ Performance Quartile Management: The fund's management has been in (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History Style: The fund has landed in its primary style box — 5.54 -0.17 5.25 8.47 -1.99 13.16 10.02 5.25 -12.74 10.74 Total Return % Large Blend — 100 % of the time over the past three years. 1.13 -0.08 0.21 -0.11 -0.54 -2 37 -0.50 0.67 1.45 -0.73 +/- Benchmark 1.18 1.33 0.15 -0.34 1.17 0.31 0.99 -0.26 0.00 0.70 +/- Category Net Expense: The fund's expense ratio of 0.08 is 87.1% 19 7 41 62 21 49 36 65 54 48 Tot Ret % Rank in Cat lower than the Target-Date Retirement category average. 203 228 # of Funds in Cat 225 222 222 232 219 220 220 201 **Morningstar Investment Management LLC Analysis** 6 14 11 8 6 10 17 6 19 4 Turnover % \_ \_ \_ \_ \_ \_ Expense Ratio This fund passes all of Morningstar Investment **Trailing Performance** Management's quantitative screens. Morningstar **Total Return %** 15% Investment Management has also assessed the fund from a as of 12-31-2023 qualitative perspective and, as a fiduciary, is comfortable Fund Benchmark 10 recommending the fund's use in retirement plans. Category 5 Rating Updated 0 Average annual, if greater than 1 year 3 11-30-2023 3 Month 1 Year 10 veai Since Inception 3 yea 5 year 1-Low 02-15-2022 Fund Return % 7.34 10.74 0.56 4.83 4.09 4.87 7.27 10.07 1.30 5.42 4.17 5.56 Benchmark Return % 7 26 10.04 0 4 1 4 55 3 63 Category Average % \_ 56 48 42 44 26 % Rank in Category 211 201 183 160 98 # of Funds in Category Net Expense **3-Year Risk Metrics** Fund 1.90 Fund Investment Alpha Category Median 1.69 Beta Peer Group Median 1.48 **R-Squared** 1.27 Quartile Rank Standard Deviation 8 4 8 1.06 Sharpe Ratio 0.84 Tracking Error 0.63 Information Ratio 0.42 Up Capture Ratio 0.2 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

50/424 6/188 Rank Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

12

Percentile

Fund vs Peer Group

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Fund vs

Category 3



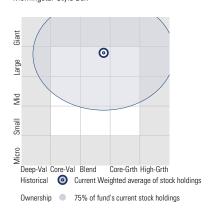
**Bmark** 

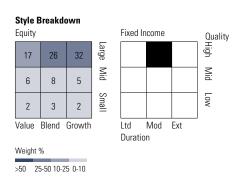
Cat

8 92

## Vanguard Target Retirement Income Fund VTINX

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





## 100 0 50

Fund

34.15

4.60

11.02

15.44

3.09

45.47

6.93

4.77

11.46

22.31

20.38

6.52

11.22

2.64

Bmark

37.76

4.18

10.02

14.48

9.08

42.43

6.26

4.62

11.29

20.26

19.81

6.06

10.93

2.82

Cat

36.78

4.59

10.51

15.70

5.98

43.96

6.42

5.05

11.03

21.46

19.26

5.90

10.79

2.57

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Դ Cyclical

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Utilities

Other	0.04	12.75
00311		
Cash	2.49	3.63
Bonds	68.26	46.72
Non-US Stocks	11.71	13.99
US Stocks	17.50	22.91
Asset Class	Net %	Cat%

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

#### Top 7 Holdings 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	_	_
$igodoldsymbol{ imes}$ Vanguard Total Stock Mkt Idx Instl PIs	-	17.58	54.90	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	16.22	71.12	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.20	87.32	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	11.99	99.31	-	-
⊕ Mktliq 12/31/2049	-	0.71	100.02	-	-
$\oplus$ Us Dollar	-	0.02	100.05	_	-

#### Total Holdings 7

🕀 Increase 👄 Decrease 🕸 New to Portfolio



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