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

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

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 21.59 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is
 55.93% lower than the Inflation-Protected Bond category average.

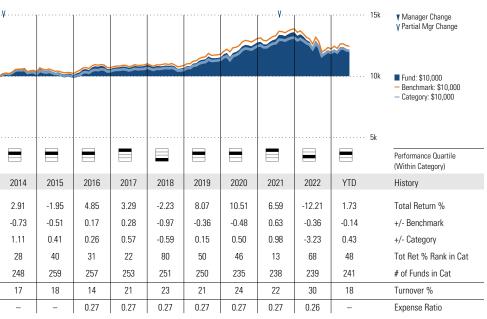
#### **Morningstar Investment Management LLC Analysis**

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.

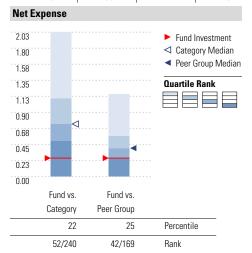
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Bating	3	05-31-2023

#### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.14	_	0.39
Beta	1.02	_	0.90
R-Squared	99.54	_	93.20
Standard Deviation	7.06	6.94	6.45
Sharpe Ratio	-0.19	-0.21	-0.12
Tracking Error	0.49	-	1.94
Information Ratio	0.26	-	-0.10
Up Capture Ratio	102.66	-	90.88
Down Capture Ratio	101.18	_	86.78

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	5.61
Avg Eff Maturity	6.80	-	6.56

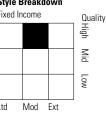


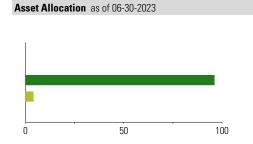
## American Century Inflation Adjs Bond R5 AIANX

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

Style Analysis as of 06-30-2023 Style Breakdown Fixed Income Ouality

Duration





Asset Class	Net %	Cat%
US Stocks	0.00	0.02
Non-US Stocks	0.00	-0.02
Bonds	96.06	99.25
Cash	3.94	0.58
Other	0.00	0.17
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	94.68	0.00	93.28
AA	1.08	99.60	0.25
A	1.39	0.00	0.78
BBB	0.61	0.00	1.38
BB	0.00	0.00	1.75
В	0.00	0.00	1.27
Below B	0.00	0.00	0.40
Not Rated	2.24	0.40	0.89

	Fund	Bmark	Cat	Fund Benchmark Category Average
Government	92.62	- Dillark	90.80	Tunu Benciinark   Category Average
Freasury	0.00	_	0.39	
Inflation – Protected				
	62.00	_	81.69	
Agency/Quasi Agency	0.00	_	0.09	
Other Government Related	30.62	_	8.63	
Corporate	0.76	-	1.60	
Corporate Bond	0.76	_	1.58	
Bank Loan	0.00	_	0.02	
Convertible	0.00	_	0.00	
Preferred	0.00	_	0.00	
Securitized	2.50	-	3.93	
Agency MBS Pass-Through	0.00	_	1.09	
Agency MBS ARM	0.00	_	0.00	
Agency MBS CMO	0.01	_	0.25	
Non-Agency Residential MBS	0.03	_	0.17	
Commercial MBS	0.36	_	0.25	
Asset-Backed	2.10	_	1.96	
Covered Bond	0.00	_	0.21	
Municipal	0.00	-	0.06	Ŏ.
Cash & Equivalents	4.12	_	3.60	
Other	0.00	-	0.02	

**Top 10 Holdings** as of 06-30-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ① Us 5yr Note (Cbt) Sep23 Xcbt 20230929 09-2023 10.79 10.79 United States Treasury Notes 0.625% 01-2026 4.80 15.60 ① State Street Bank & Trust Co 5 Repo - 03jul23 07-2023 4.01 19.60 ① United States Treasury Notes 0.625% 01-2024 3.46 23.06 ① United States Treasury Notes 0.125% 04-2027 26.51 3.45 ① United States Treasury Notes 0.125% 10-2025 3.41 29.92 United States Treasury Bonds 2% 01-2026 3.35 33.28 ① Future on Ultra 10 Year US Treasury Note 09-2023 3.29 36.57 ① Future on 2 Year Treasury Note 09-2023 3.28 39.85 ① United States Treasury Notes 0.5% 01-2028 2.69 42.54

Total Holdings 135

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## American Funds AMCAP R6 RAFGX

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

#### Morningstar Index

### Russell 1000 Growth TR USD

#### Portfolio Manager(s)

James Terrile since 05-2011 Lawrence Solomon 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 12.17 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 63.83% lower than the Large Growth category average.

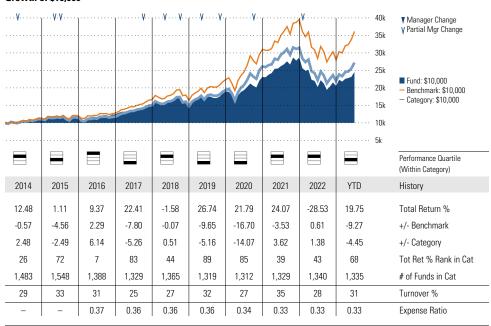
#### **Morningstar Investment Management LLC Analysis**

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

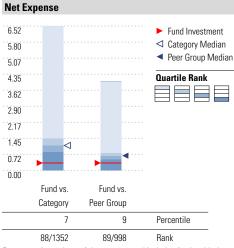
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-2.87	_	-3.58
Beta	0.82	_	0.96
R-Squared	90.60	-	91.90
Standard Deviation	18.74	21.72	21.83
Sharpe Ratio	0.43	0.63	0.45
Tracking Error	6.93	-	6.22
Information Ratio	-0.80	-	-0.83
Up Capture Ratio	74.11	-	87.53
Down Capture Ratio	81.66	-	98.14

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	29.92	32.61	30.03
Price/Book Ratio	5.66	10.75	7.61
Geom Avg Mkt Cap \$B	107.18	388.64	383.45
ROE	25.30	37.07	35.10



### American Funds AMCAP R6 RAFGX

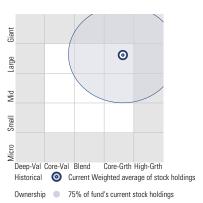
#### **Morningstar Category** Large Growth

Morningstar Index

Russell 1000 Growth TR USD

#### Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Style Breakdown

Equity

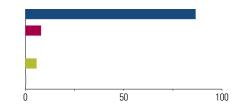
5	21	44	Large
2	10	14	Mid
0	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 06-30-2023



Other Total	0.24 <b>100.00</b>	0.96
Cash	5.52	1.53
Bonds	0.00	0.00
Non-US Stocks	7.80	4.94
US Stocks	86.45	92.58
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<sub>Մ</sub>	Cyclical	26.25	23.59	26.13	T
A.	Basic Materials	1.60	0.64	1.39	
A	Consumer Cyclical	14.89	15.93	14.27	
æ	Financial Services	8.89	6.05	9.10	
<b>fi</b>	Real Estate	0.87	0.97	1.37	
W	Sensitive	48.97	60.96	55.62	
	Communication Services	9.49	10.66	9.71	
•	Energy	0.79	0.49	1.64	
Ф	Industrials	13.02	5.37	6.28	
	Technology	25.67	44.44	37.99	
<b>—</b>	Defensive	24.79	15.46	18.27	
Ħ	Consumer Defensive	5.01	4.42	3.65	
+	Healthcare	19.78	10.98	14.21	
•	Utilities	0.00	0.06	0.41	

<b>Top 15 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.79	5.79	42.57	Technology
○ Capital Group Central Cash Fund	5.46	11.25	_	-
⊕ Broadcom Inc	3.17	14.42	56.78	Technology
○ Netflix Inc	3.04	17.47	49.38	Communication Svc
	2.49	19.96	13.43	Financial Services
<ul> <li>─ UnitedHealth Group Inc</li> </ul>	2.44	22.40	-8.68	Healthcare
	2.35	24.75	42.01	Industrials
	2.35	27.10	55.19	Consumer Cyclical
⊕ Alphabet Inc Class A	1.87	28.97	35.67	Communication Svc
Abbott Laboratories	1.87	30.84	0.23	Healthcare
→ ASML Holding NV	1.78	32.62	32.21	Technology
⊕ Thermo Fisher Scientific Inc	1.44	34.05	-5.13	Healthcare
⊕ Raytheon Technologies Corp	1.42	35.48	-1.80	Industrials
	1.37	36.85	138.47	Communication Svc
Stryker Corp	1.33	38.18	25.40	Healthcare

Total Holdings 206

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



### American Funds American Balanced R6 RLBGX

Morningstar Category

Morningstar Index Morningstar US Mod Tgt Alloc NR USD

### AMERICAN FUNDS AMERICAN BAIANCED RO RLBUX Moderate Allocation

### Portfolio Manager(s)

Hilda Applbaum since 01-1999
Alan Berro since 03-2006
Jeffrey Lager since 03-2011
Paul Benjamin since 07-2014
Anne-Marie Peterson since 10-2015
Alan Wilson since 01-2016
John Queen since 07-2016
Pramod Atluri since 03-2018
Mark Casey since 10-2019
Ritchie Tuazon since 10-2020
Jin Lee since 03-2023

#### **Quantitative Screens**

Chit Purani since 03-2023

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 24.51 years.
- Net Expense: The fund's expense ratio of 0.25 is 74.49% lower than the Moderate Allocation category average.

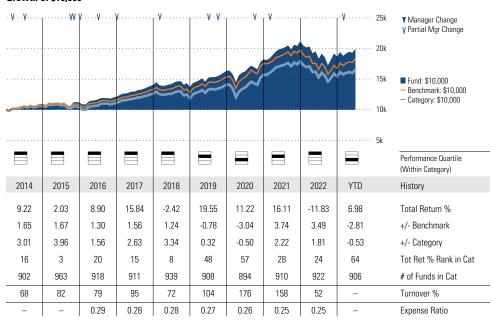
#### **Morningstar Investment Management LLC Analysis**

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**

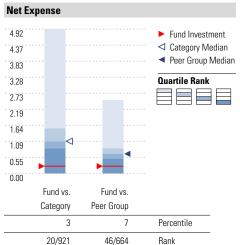
Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



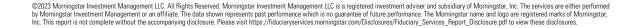


3-Year Risk Metrics



o rour mon monito			
	Fund	Bmark	Cat
Alpha	1.08	_	0.03
Beta	0.95	_	0.98
R-Squared	95.60	_	94.10
Standard Deviation	11.80	12.13	12.26
Sharpe Ratio	0.51	0.43	0.41
Tracking Error	2.55	_	2.88
Information Ratio	0.33	_	-0.10
Up Capture Ratio	102.55	_	99.31
Down Capture Ratio	98.19	_	99.98

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.73	19.10	19.34
Price/Book Ratio	3.75	2.94	3.14
Avg Eff Duration	6.67	6.11	5.12





### American Funds American Balanced R6 RLBGX

Quality High MidLow

**Morningstar Category Morningstar Index** Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Style Breakdown

Lquity				I IXEU II	ICUITIE
22	35	26	Large		
5	9	2	Mid		
0	0	0	Small		
Value	Blend	Growth		Ltd	Mod

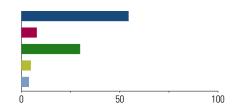
Fived Income

Duration

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2023



Total	100.00	100.00
Other	3.65	3.47
Cash	4.62	4.37
Bonds	29.70	35.45
Non-US Stocks	7.64	10.51
US Stocks	54.38	46.21
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	: [] Ca	itegory	Averag	ge			
Ն	Cyclical	25.71	31.34	30.08											
â.	Basic Materials	3.68	3.68	3.77											
<b>-</b>	Consumer Cyclical	8.56	11.16	10.21											
ê	Financial Services	10.54	13.52	13.75											
ŧ	Real Estate	2.93	2.98	2.35		1									
M	Sensitive	47.10	46.90	45.05			_								i
	Communication Services	8.05	7.19	7.40			)								
	Energy	6.72	4.36	4.68											
Þ	Industrials	10.34	10.66	10.49											
3	Technology	21.99	24.69	22.48											
÷	Defensive	27.18	21.77	24.88											
7	Consumer Defensive	9.95	6.60	6.94				_							
1	Healthcare	14.83	12.53	14.85											
?	Utilities	2.40	2.64	3.09											
					0%	5	10	15	20	25	30	35	40	45	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
					-
⊕ Capital Group Central Cash Fund	_	10.33	10.33	_	_
🕸 Cash And Other Assets Less Liablities	_	5.72	16.05	_	_
	-	4.36	20.41	42.57	Technology
	_	3.65	24.06	_	_
⊕ Broadcom Inc	_	3.47	27.54	56.78	Technology
UnitedHealth Group Inc     Output     Description:	_	2.03	29.56	-8.68	Healthcare
⊕ Philip Morris International Inc	_	2.01	31.58	-1.04	Consumer Defensive
The Home Depot Inc     The Home Depot Inc	_	1.38	32.96	-0.33	Consumer Cyclical
	_	1.21	34.17	36.33	Communication Svc
◆ Taiwan Semiconductor Manufacturing Co Ltd ADR	_	1.18	35.35	36.68	Technology

#### Total Holdings 2324

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## 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 31.35 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 64.47% lower than the Large Blend category average.

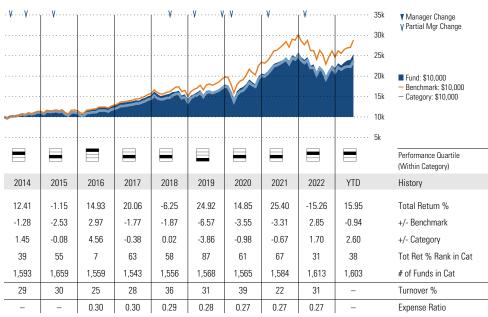
#### **Morningstar Investment Management LLC Analysis**

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.

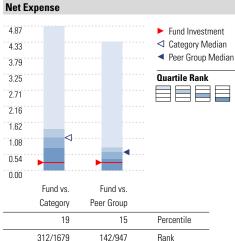
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

# Growth of \$10,000

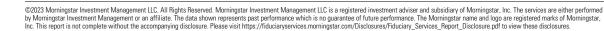






3-Year hisk ivietrics			
	Fund	Bmark	Cat
Alpha	0.31	_	-0.66
Beta	0.90	_	0.94
R-Squared	96.83	_	94.49
Standard Deviation	16.71	18.19	17.67
Sharpe Ratio	0.75	0.75	0.68
Tracking Error	3.45	_	3.87
Information Ratio	-0.30	_	-1.22
Up Capture Ratio	92.19	_	92.67
Down Capture Ratio	91.84	_	95.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.97	22.84	21.76
Price/Book Ratio	3.63	4.02	4.30
Geom Avg Mkt Cap \$B	182.04	223.20	261.92
ROE	25.84	29.42	28.63





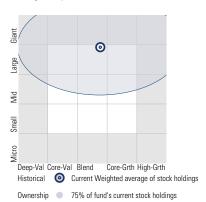
## American Funds Invmt Co of Amer R6 RICGX

# Morningstar CategoryMornin■ Large BlendS&P 500

#### **Morningstar Index** S&P 500 TR USD

#### Style Analysis as of 06-30-2023

Morningstar Style Box™



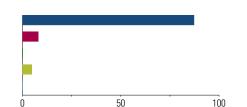
**Style Breakdown** Equity

18	33	33	Large
7	7	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2023

Total	100.00	100.00
Other	0.05	1.05
Cash	4.66	0.86
Bonds	0.10	0.16
Non-US Stocks	7.96	2.96
US Stocks	87.23	94.95
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Func	l	▼ Be	nchma	ırk []	Cate	ory A	/erage			
ŀ	Cyclical	25.10	27.56	27.86											
ů.	Basic Materials	3.72	2.28	2.80		ri i									
4	Consumer Cyclical	9.56	10.82	9.98											
£	Financial Services	10.22	11.97	12.89											
ŧ	Real Estate	1.60	2.49	2.19										į	
MI	Sensitive	51.44	49.76	48.06											
	Communication Services	9.82	8.39	7.71											
	Energy	5.37	4.11	3.98											
¢	Industrials	12.43	8.35	10.10											
2	Technology	23.82	28.91	26.27							*				
<b>→</b>	Defensive	23.47	22.68	24.07											
	Consumer Defensive	7.50	6.62	7.02											
٠	Healthcare	13.06	13.48	14.63				<b>I</b>							
•	Utilities	2.91	2.58	2.42											

<b>Top 15 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.73	7.73	42.57	Technology
⊕ Broadcom Inc	5.04	12.77	56.78	Technology
⊕ Capital Group Central Cash Fund	4.65	17.42	_	_
⊖ General Electric Co	3.69	21.10	48.84	Industrials
⊕ Amazon.com Inc	2.74	23.85	55.19	Consumer Cyclical
Apple Inc	2.15	26.00	49.65	Technology
Abbott Laboratories	2.12	28.12	0.23	Healthcare
	2.11	30.23	138.47	Communication Svc
⊕ British American Tobacco PLC	2.00	32.23	-18.77	Consumer Defensive
⊕ Mastercard Inc Class A	1.96	34.19	13.43	Financial Services
Netflix Inc     ■ Net	1.95	36.14	49.38	Communication Svc
	1.80	37.94	35.67	Communication Svc
Philip Morris International Inc	1.79	39.73	-1.04	Consumer Defensive
Linde PLC	1.76	41.49	17.61	Basic Materials
Alphabet Inc Class C	1.73	43.22	36.33	Communication Svc

Total Holdings 214

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



### American Funds New Perspective R6 RNPGX

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

#### Portfolio Manager(s)

Robert Lovelace since 12-2000
Jonathan Knowles since 12-2004
Brady Enright since 12-2005
Joanna Jonsson since 12-2005
Steven Watson since 12-2005
Noriko Chen since 04-2012
Andraz Razen since 07-2015
Barbara Burtin since 12-2018
Patrice Collette since 12-2018

#### **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 22.59 years.

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

Net Expense: The fund's expense ratio of 0.41 is 61.68% lower than the Global Large-Stock Growth category average.

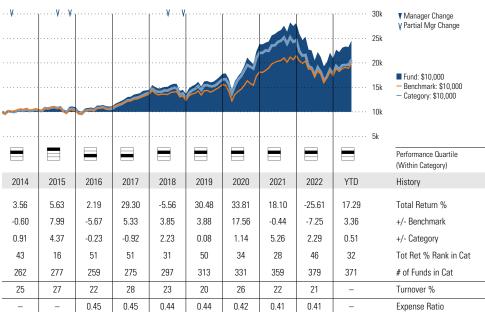
#### **Morningstar Investment Management LLC Analysis**

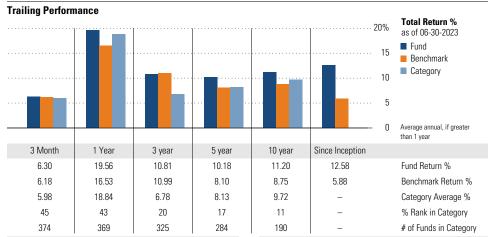
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Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

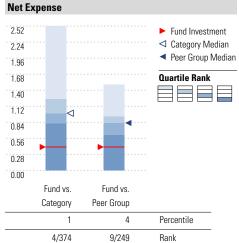
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

# Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.30	_	-4.16
Beta	1.14	_	1.10
R-Squared	95.93	_	87.74
Standard Deviation	20.05	17.27	20.38
Sharpe Ratio	0.53	0.60	0.38
Tracking Error	4.68	_	7.28
Information Ratio	-0.04	_	-0.47
Up Capture Ratio	110.65	_	99.76
Down Capture Ratio	116.30	-	117.38

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	17.89	25.46
Price/Book Ratio	3.64	2.63	4.44
Geom Avg Mkt Cap \$B	118.09	112.18	140.91
ROE	25.53	24.38	24.35

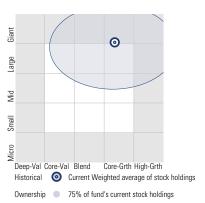


# American Funds New Perspective R6 RNPGX

## Morningstar CategoryMorningstar IndexGlobal Large-Stock GrowthMSCI ACWI NR USD

#### Style Analysis as of 06-30-2023

Morningstar Style Box™



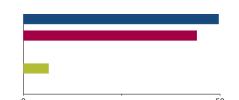
#### Style Breakdown

Equity

1	12	27	48	raige
	2	5	5	Š
	0	0	1	olligii
Val	ue	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2023

Total	100.00	100.00
Other	0.00	0.55
Cash	6.35	2.04
Bonds	0.00	0.00
Non-US Stocks	44.04	42.37
US Stocks	49.61	55.04
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2023			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	29.70	32.81	28.94	<b></b>
A	Basic Materials	5.06	4.37	2.82	
A	Consumer Cyclical	13.42	11.17	12.43	
<del>,</del>	Financial Services	10.68	14.88	12.72	
<b>fi</b>	Real Estate	0.54	2.39	0.97	
W	Sensitive	45.69	45.41	48.52	
0	Communication Services	7.46	7.36	7.42	
•	Energy	4.43	4.64	2.11	
Ф	Industrials	12.40	10.36	11.56	
	Technology	21.40	23.05	27.43	
<b>→</b>	Defensive	24.62	21.79	22.53	
Ħ	Consumer Defensive	6.10	7.17	5.56	
+	Healthcare	17.50	11.92	15.98	
•	Utilities	1.02	2.70	0.99	
					0% 5 10 15 20 25 30 35 40 45 50

#### World Regions % Equity 06-30-2023



	Fund %	Cat %
Greater Asia	11.44	13.49
	0.47	4.40
Japan	3.17	4.48
Australasia	0.09	0.32
Asia-4 Tigers	5.62	4.01
Asia-ex 4 Tigers	2.56	4.68
Not Classified	0.00	0.00

Americas	Fund % 57.58	Cat % 60.08	Greater Europe	Fund % 30.99	Cat % 26.44	Market Maturity	Fund %
North America	56.23	58.64	United Kingdom	5.54	4.95	Developed Markets	95.76
Central/Latin	1.35	1.44	W euro-ex UK	24.95	21.13	Emerging Markets	4.24
			Emrgng Europe	0.00	0.02	Not Available	0.00
			Africa	0.50	0.34		

<b>Top 10 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	6.35	6.35	_	_
	4.69	11.04	42.57	Technology
⊕ Novo Nordisk A/S Class B	2.48	13.52	18.08	Healthcare
⊕ Tesla Inc	2.39	15.91	112.51	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd	2.29	18.21	29.65	Technology
	2.15	20.36	138.47	Communication Svc
⇒ Broadcom Inc	1.91	22.27	56.78	Technology
⊖ Eli Lilly and Co	1.51	23.78	28.81	Healthcare
⇒ ASML Holding NV	1.46	25.24	32.21	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.33	26.58	27.96	Consumer Cyclical

#### Total Holdings 297

⊕ Increase ⊕ Decrease 
★ New to Portfolio



### American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts
MSCI EM NR USD
MSCO EM NR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

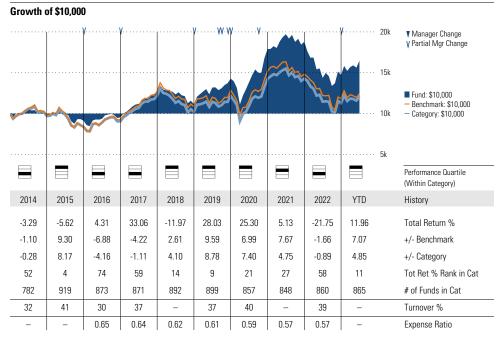
- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 24.05 years.
- Style: The fund has landed in its primary style box —
   Large Growth 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.57 is 50% lower than the Diversified Emerging Mkts category average.

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

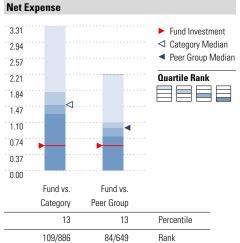
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



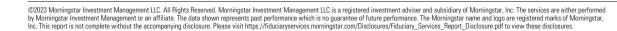




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.96	_	0.46
Beta	0.85	_	0.97
R-Squared	78.63	_	87.17
Standard Deviation	17.16	17.90	18.62
Sharpe Ratio	0.33	0.13	0.15
Tracking Error	8.38	_	6.47
Information Ratio	0.43	_	0.01
Up Capture Ratio	96.76	_	100.12
Down Capture Ratio	80.67	_	99.16

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.17	11.97	13.15
Price/Book Ratio	2.98	1.58	1.85
Geom Avg Mkt Cap \$B	59.03	35.41	43.06
ROE	22.42	16.67	18.25



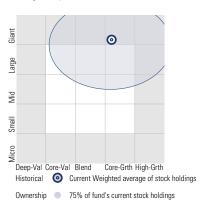


### American Funds New World R6 RNWGX

## Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

#### Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Style Breakdown

Equity

13	29	45	Large
2	6	3	Mid
1	1	0	Small

Value Blend Growth

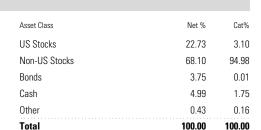
Weight %

>50 25-50 10-25 0-10



50

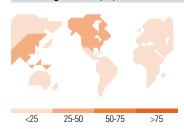
Asset Allocation as of 06-30-2023



		Fund	Bmark	Cat	Fund	١,	Bench	nmark	Categ	iory Ave	erage			
Դ	Cyclical	39.70	44.20	43.57			501101	airk	[] Odios	,0.,7	. ago			
A	Basic Materials	8.92	7.96	6.41			•							
A	Consumer Cyclical	12.70	12.68	14.06				ľ						
<del>,</del>	Financial Services	16.15	21.82	21.41					0					
俞	Real Estate	1.93	1.74	1.69										
W	Sensitive	38.58	43.20	42.68										
	Communication Services	6.20	10.28	8.78										
ð	Energy	4.09	5.07	4.32										
Ф	Industrials	12.70	6.54	6.67			1							
	Technology	15.59	21.31	22.91										
<b>→</b>	Defensive	21.73	12.60	13.75										
Ħ	Consumer Defensive	6.59	6.02	7.55										
+	Healthcare	13.61	4.02	4.63			- 1							
•	Utilities	1.53	2.56	1.57										
					0%	5	10	15	20	25	30	35	40	45

100

#### World Regions % Equity 06-30-2023



	Fund %	Cat %
Greater Asia	38.48	75.24
Japan	2.51	0.10
Australasia	0.46	0.00
Asia-4 Tigers	6.81	27.46
Asia-ex 4 Tigers	28.70	47.68
Not Classified	0.00	0.00

Americas	Fund % 36.40	Cat % 14.67	Greater Europe	Fund % 25.12	Cat % 10.08	Market Maturity	Fund %
North America	26.68	2.91	United Kingdom	2.38	0.63	Developed Markets	59.04
Central/Latin	9.72	11.76	W euro-ex UK	20.00	1.89	<b>Emerging Markets</b>	40.96
			Emrgng Europe	0.59	1.41	Not Available	0.00
			Africa	2.15	6.15		

<b>Top 10 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.81	4.81	-	_
	2.91	7.72	42.57	Technology
○ Novo Nordisk A/S Class B	2.17	9.89	18.08	Healthcare
□ Taiwan Semiconductor Manufacturing Co Ltd	2.02	11.91	29.65	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.82	13.72	27.96	Consumer Cyclical
Kotak Mahindra Bank Ltd	1.61	15.33	1.06	Financial Services
Airbus SE	1.55	16.88	20.84	Industrials
	1.26	18.13	28.81	Healthcare
Reliance Industries Ltd	1.16	19.30	0.12	Energy
	1.12	20.42	-7.56	Financial Services

#### Total Holdings 590

⊕ Increase ⊕ Decrease 
★ New to Portfolio



### **American Funds Washington Mutual R6** RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 26.01 years.

× Style: The fund has landed in its primary style box — Large Blend — 40 % of the time over the past three years.

✓ Net Expense: The fund's expense ratio of 0.27 is
 64.47% lower than the Large Blend category average.

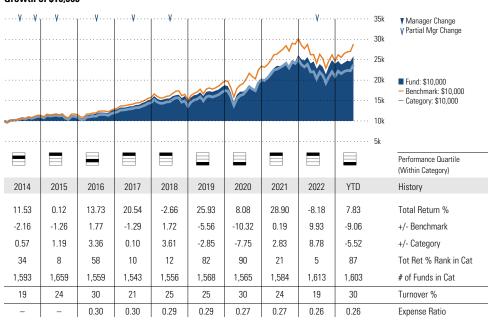
#### **Morningstar Investment Management LLC Analysis**

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.

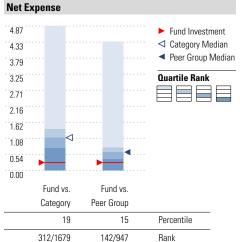
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.34	_	-0.66
Beta	0.82	_	0.94
R-Squared	89.99	_	94.49
Standard Deviation	15.77	18.19	17.67
Sharpe Ratio	0.84	0.75	0.68
Tracking Error	5.94	_	3.87
Information Ratio	0.01	_	-1.22
Up Capture Ratio	87.90	_	92.67
Down Capture Ratio	80.42	-	95.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.42	22.84	21.76
Price/Book Ratio	3.61	4.02	4.30
Geom Avg Mkt Cap \$B	152.24	223.20	261.92
ROE	29.65	29.42	28.63



# American Funds Washington Mutual R6 RWMGX

Morningstar Category

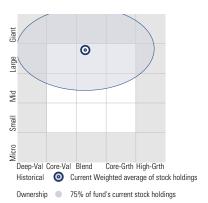
☐ Large Blend

St

Morningstar Index S&P 500 TR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Style Breakdown

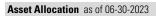
Equity

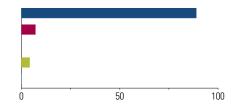
25	38	21	Laige
6	9	1	IVIIO
0	0	0	JIIaii

Value Blend Growth

#### Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.07	1.05
Cash	4.07	0.86
Bonds	0.00	0.16
Non-US Stocks	7.01	2.96
US Stocks	88.86	94.95
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	26.31	27.56	27.86	
A	Basic Materials	2.55	2.28	2.80	
A	Consumer Cyclical	7.40	10.82	9.98	
<b>F</b>	Financial Services	14.36	11.97	12.89	
命	Real Estate	2.00	2.49	2.19	
W	Sensitive	44.26	49.76	48.06	
d	Communication Services	5.43	8.39	7.71	
0	Energy	5.44	4.11	3.98	
Ф	Industrials	11.50	8.35	10.10	
	Technology	21.89	28.91	26.27	
<b>→</b>	Defensive	29.44	22.68	24.07	
Ħ	Consumer Defensive	8.85	6.62	7.02	
٠	Healthcare	17.58	13.48	14.63	
•	Utilities	3.01	2.58	2.42	
					0% 5 10 15 20 25 30 35 40 45 50

<b>Top 15 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Broadcom Inc	6.43	6.43	56.78	Technology
	6.19	12.62	42.57	Technology
⊕ Capital Group Central Cash Fund	4.02	16.64	_	-
─ UnitedHealth Group Inc	3.24	19.88	-8.68	Healthcare
○ Comcast Corp Class A	2.68	22.55	20.42	Communication Svc
Marsh & McLennan Companies Inc	2.51	25.06	14.37	Financial Services
⊖ Eli Lilly and Co	1.98	27.04	28.81	Healthcare
⊕ Northrop Grumman Corp	1.80	28.84	-15.80	Industrials
The Home Depot Inc     The Home Depot Inc	1.75	30.59	-0.33	Consumer Cyclical
⊕ Philip Morris International Inc	1.70	32.29	-1.04	Consumer Defensive
Apple Inc	1.60	33.89	49.65	Technology
⊕ Johnson & Johnson	1.56	35.45	-4.99	Healthcare
⊕ JPMorgan Chase & Co	1.40	36.86	9.95	Financial Services
⊕ ASML Holding NV ADR	1.23	38.09	33.25	Technology
	1.20	39.29	7.01	Healthcare

#### **Total Holdings** 192

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



### **Baird Aggregate Bond Inst** BAGIX

#### Morningstar Category Intermediate Core Bond

#### Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 22.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 45.45% lower than the Intermediate Core Bond category average.

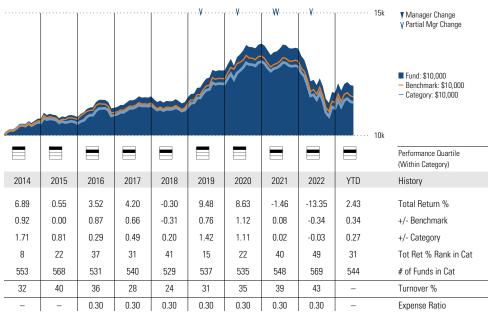
#### **Morningstar Investment Management LLC Analysis**

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.

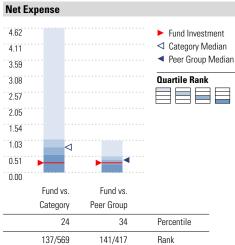
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.34	-	0.13
Beta	1.01	-	0.98
R-Squared	99.42	-	96.63
Standard Deviation	6.27	6.17	6.16
Sharpe Ratio	-0.83	-0.89	-0.86
Fracking Error	0.49	-	1.01
nformation Ratio	0.56	-	-0.01
Jp Capture Ratio	103.64	-	98.61
Down Capture Ratio	99.44	-	97.19

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.31	4.43	6.10
Avg Eff Maturity	8.44	_	8.59



BB

В

Below B

Not Rated

# **Baird Aggregate Bond Inst** BAGIX

Style Analysis as of 06-30-2023
Style Breakdown
Fixed Income

Quality

Style Analysis as of 06-30-2023

As

Ltd Mod Ext Duration			
Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.70	3.53	51.91
AA	3.80	74.59	10.82
A	13.10	10.82	23.19
BBB	23.20	8.32	12.64

0.20

0.00

0.00

0.00

0.28

0.00

0.00

2.46

0.44

0.25

0.08

0.67

Low

#### Asset Allocation as of 06-30-2023 Asset Class Net % Cat% US Stocks 0.18 0.00 Non-US Stocks 0.00 0.01 Bonds 97.56 96.37 Cash 2.35 2.44 Other 0.09 0.99 50 100 Total 100.00 100.00

**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

	Fund	Bmark	Cat	Fund		Benchma	ark II C	atenory	Average			
Government	21.77	_	32.50	Tuna		Bonomin	ank ij c	atogory	rworago			
Treasury	21.77	_	26.37		- :						Ш	
Inflation – Protected	0.00	_	1.51		:							
Agency/Quasi Agency	0.00	_	1.21	i []								
Other Government Related	0.00	_	3.41	! U	n :							
Corporate	39.03	_	24.78		U :							
Corporate Bond	39.03	_	24.76		1	1	1	1		:	1	
Bank Loan	0.00		0.02	-								
		_		Ü								
Convertible	0.00	_	0.00	Ü								
Preferred	0.00	_	0.07								-	
Securitized	35.95	_	35.88		1	1	1	1	1	1		
Agency MBS Pass-Through	21.94	-	27.58									
Agency MBS ARM	0.00	-	0.19									
Agency MBS CMO	2.04	_	1.33									
Non-Agency Residential MBS	0.72	-	0.13									
Commercial MBS	4.84	_	0.55									
Asset-Backed	6.41	_	6.10									
Covered Bond	0.00	_	0.00									
Municipal	0.89	_	0.75									
Cash & Equivalents	2.35	-	4.75									
Other	0.00	_	1.32	[								
				0%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
	,			
⊕ United States Treasury Notes 1.13%	10-2026	3.31	3.31	_
United States Treasury Bonds 2.5%	02-2045	3.13	6.44	_
⊕ First American Government Obligs U	02-2030	2.28	8.71	_
United States Treasury Bonds 2.88%	05-2043	2.27	10.99	_
⊕ United States Treasury Notes 1.13%	08-2028	2.24	13.23	_
United States Treasury Bonds 1.38%	11-2040	1.77	15.00	_
⊕ United States Treasury Notes 2.38%	03-2029	1.41	16.41	_
⊕ United States Treasury Bonds 2.38%	02-2042	1.20	17.61	_
⊖ United States Treasury Notes 2.88%	05-2032	1.04	18.65	_
⊕ United States Treasury Bonds 2.88%	05-2052	1.01	19.66	_

⊕ Increase ⊕ Decrease ❖ New to Portfolio

Total Holdings 1710



### BlackRock High Yield Bond Instl BHYIX

#### Morningstar Category High Yield Bond

### Morningstar Index

ICE BofA US High Yield TR USD

#### Portfolio Manager(s)

Derek Schoenhofen since 12-2009 Mitchell Garfin 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

Management: The fund's management has been in place for 15.51 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.6 is 32.58% lower than the High Yield Bond category average.

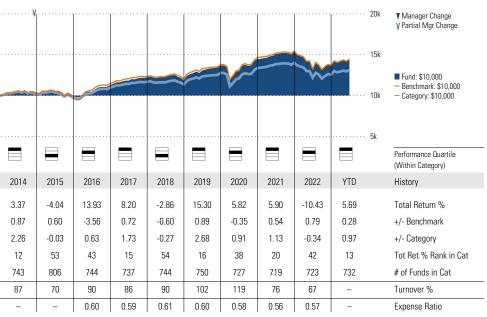
#### **Morningstar Investment Management LLC Analysis**

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

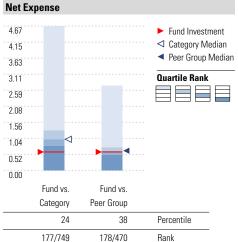
#### **ESG Metrics**

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

### Growth of \$10,000







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

178/470

Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.52	-	0.18
Beta	1.01	-	0.90
R-Squared	99.50	-	94.17
Standard Deviation	8.60	8.53	7.86
Sharpe Ratio	0.29	0.23	0.24
Tracking Error	0.61	-	1.96
Information Ratio	0.91	-	-0.23
Up Capture Ratio	102.42	-	90.52
Down Capture Ratio	97.33	-	88.78

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.45	-	3.33
Avg Eff Maturity	5.49	-	5.05



# BlackRock High Yield Bond Instl BHYIX

High Yield Bond Asset Allocation as of 06-30-2023

**Morningstar Index** 

ICE BofA US High Yield TR USD

			_	•
Styl	e Anal	ysis a	s of 06-30-20	)23
Style	Break	lown		
Fixed	Income	_	Quality	
			High	
			Mid	
			Low	
		_		
Ltd	Mod	Ext		
Durat	ion			

-50	0	50	100

Total	100.00	100.00
Other	6.00	1.57
Cash	-5.04	3.29
Bonds	98.89	94.43
Non-US Stocks	0.00	0.12
US Stocks	0.14	0.57
Asset Class	Net %	Cat%

**Morningstar Category** 

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	-	1.22
AA	0.00	-	0.10
A	0.57	-	0.37
BBB	7.17	_	6.39
BB	29.21	_	39.29
В	47.77	_	34.59
Below B	13.63	_	15.56
Not Rated	1.66	_	2.47

Sector Weighting as of 06-3	30-2023																	
	Fund	Bmark	Cat	Fund	•	Ber	nchn	nark	[	Ca	iteg	ory	Ave	rag	е			
Government	0.02	_	1.72	10														
Treasury	0.00	_	0.88															
Inflation – Protected	0.00	_	0.01															
Agency/Quasi Agency	0.02	_	0.04															
Other Government Related	0.00	_	0.79	0														
Corporate	94.09	_	89.56															
Corporate Bond	85.13	_	86.45															
Bank Loan	8.61	_	2.65															
Convertible	0.35	_	0.43															
Preferred	0.00	_	0.03															
Securitized	0.25	_	1.30	10														
Agency MBS Pass-Through	0.00	_	0.03															
Agency MBS ARM	0.00	_	0.00															
Agency MBS CMO	0.00	_	0.06															
Non-Agency Residential MBS	0.00	-	0.13															
Commercial MBS	0.00	_	0.10															
Asset-Backed	0.25	_	0.98															
Covered Bond	0.00	_	0.00															
Municipal	0.00	_	0.03															
Cash & Equivalents	1.51	_	4.86															
Other	4.12	-	2.53															

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	_	5.15	5.15	_
TransDigm, Inc.	03-2026	1.54	6.69	_
⊕ ICE: (CDX.NA.HY.40.V1)	06-2028	1.48	8.17	_
⊕ EUR/USD Purchased	09-2023	1.42	9.59	_
⊕ EUR/USD Purchased	09-2023	1.42	11.01	-
	_	1.37	12.38	_
⊕ SPDR® Blmbg High Yield Bd ETF	_	1.30	13.68	_
⊕ Mauser Packaging Solutions Holding Company	08-2026	0.90	14.58	_
⊕ Tibco Software Inc	03-2029	0.84	15.41	_
⊕ EUR/USD Purchased	09-2023	0.81	16.22	_

Total Holdings 1559

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



### Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

#### 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 25.99 years.

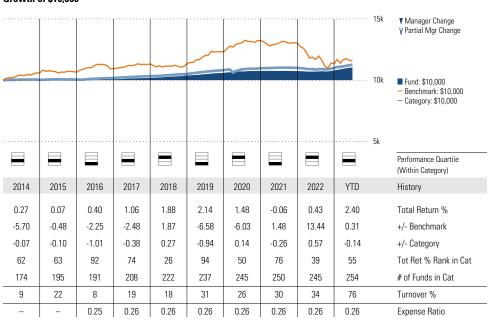
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is42.22% lower than the Ultrashort Bond category average.

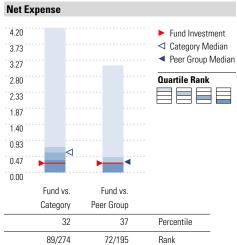
#### **Morningstar Investment Management LLC Analysis**

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.

#### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.23	_	1.42
Beta	0.05	_	0.09
R-Squared	23.58	_	28.83
Standard Deviation	0.65	6.17	1.02
Sharpe Ratio	-1.31	-0.89	-0.85
Tracking Error	5.89	-	5.72
Information Ratio	0.85	-	0.88
Up Capture Ratio	10.91	-	15.48
Down Capture Ratio	-3.42	-	-1.16

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.48	4.43	0.80
Avg Eff Maturity	5.22	_	3.20



### Federated Hermes Govt Ultrashort IS FGUSX

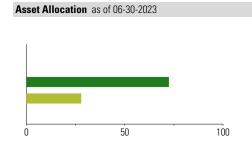
Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2023 Style Breakdown

Duration





Total	100.00	100.00
Other	0.00	0.11
Cash	27.69	29.53
Bonds	72.31	70.27
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.09
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	40.12
AA	0.00	74.59	6.26
A	0.00	10.82	20.69
BBB	0.00	8.32	19.45
BB	0.00	0.28	1.49
В	0.00	0.00	1.35
Below B	0.00	0.00	0.31
Not Rated	0.00	2.46	10.33

	Fund	Bmark	Cat	Fund		Benchmark	∏ Cate	egory A	vorano		
Government	2.72		18.43	Tullu	- :	Delicililar	li can	yory A	vorage		
		_									
Treasury	1.48	_	14.64								
Inflation – Protected	0.00	-	0.00								
Agency/Quasi Agency	1.24	_	2.81								
Other Government Related	0.00	_	0.98	10							
Corporate	0.00	_	34.09								
Corporate Bond	0.00	_	32.77				[				
Bank Loan	0.00	_	1.31								
Convertible	0.00	_	0.01								
Preferred	0.00	_	0.00								
Securitized	69.59	-	21.70								
Agency MBS Pass-Through	6.77	_	0.10								
Agency MBS ARM	0.09	_	0.25								
Agency MBS CMO	62.73	_	1.78								
Non-Agency Residential MBS	0.00	_	0.08								
Commercial MBS	0.00	_	2.53	[							
Asset-Backed	0.00	_	16.96	i							
Covered Bond	0.00	_	0.00								
Municipal	0.00	_	0.64								
Cash & Equivalents	27.69	-	23.38								
Other	0.00	_	1.73	11							

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bank Of Montreal 4 Repo	07-2023	13.42	13.42	_
⊕ Hsbc Repo 2 Repo	07-2023	13.42	26.84	_
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.70052%	04-2033	5.51	32.34	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.55052%	12-2032	4.45	36.80	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.60052%	12-2032	4.12	40.91	-
⊕ Government National Mortgage Association 5.12871%	01-2073	3.66	44.57	_
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.71629%	07-2053	3.61	48.18	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	10-2032	3.11	51.29	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	11-2032	2.69	53.98	_
⊕ Government National Mortgage Association 6.1%	06-2053	2.58	56.56	_

Total Holdings 193

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



### PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 4.66 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.86 is 17.31% lower than the Commodities Broad Basket category average.

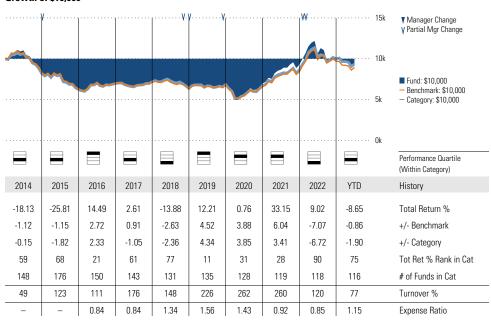
#### **Morningstar Investment Management LLC Analysis**

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

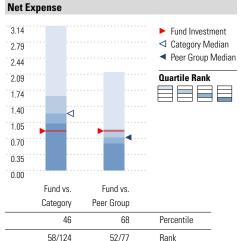
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023

#### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.23	_	1.33
Beta	1.13	_	0.98
R-Squared	96.54	_	87.70
Standard Deviation	18.84	16.37	17.10
Sharpe Ratio	0.91	0.98	0.99
Tracking Error	4.11	_	5.46
Information Ratio	0.19	_	0.06
Up Capture Ratio	109.17	_	99.49
Down Capture Ratio	113.80	_	94.23

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



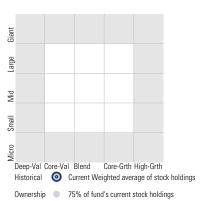
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# PIMCO Commodity Real Return Strat I2 PCRPX

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



Morningstar Style Box™



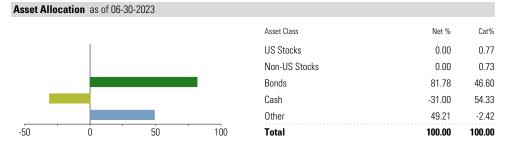


Equity



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ Be	enchma	rk [	Cate	gory Av	/erage		
ŀ	Cyclical	-	-	44.68									
A.	Basic Materials	-	_	44.68									
Д	Consumer Cyclical	_	_	0.00	Ó								
÷	Financial Services	_	_	0.00	0								
à	Real Estate	_	_	0.00	0								
M	Sensitive	-	-	51.07									
	Communication Services	-	_	0.00	Ò								
ð	Energy	-	_	48.94									
ф	Industrials	-	_	2.13									
	Technology	_	_	0.00									
<b>→</b>	Defensive	-	-	4.26									
=	Consumer Defensive	-	_	4.26									
٠	Healthcare	_	_	0.00									
•	Utilities	_	_	0.00	j i								

<b>Top 15 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ 5 Year Treasury Note Future Mar 23	24.31	24.31	_	_
	18.13	42.44	_	_
☆ Cash Offset	16.46	58.90	_	_
⊕ Euro Schatz Future Mar 23	13.61	72.51	_	_
─ United States Treasury Notes 0.125%	12.16	84.67	-	_
	12.01	96.68	_	_
⊕ 3 Month Euribor TAS Future Mar 23	9.75	106.43	_	_
─ United States Treasury Notes 0.625%	9.70	116.12	_	_
─ U S TIPS REV REPO	9.31	125.43	_	_
∪ S TIPS REV REPO	8.88	134.31	-	_
⊕ TRS R 4.19/91282CDC2 MYC	7.79	142.10	_	_
⊕ Pimco Cayman Cmdty Fd Ltd Instl	7.24	149.34	_	_
⊕ United States Treasury Notes 0.125%	7.20	156.55	_	_
⊕ United States Treasury Notes 0.125%	6.28	162.82	_	_
─ US Treasury Bond Future Mar 23	5.85	168.67	_	_

**Total Holdings 874** 

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



### PIMCO Income 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 16.26 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is 36.46% lower than the Multisector Bond category average.

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

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

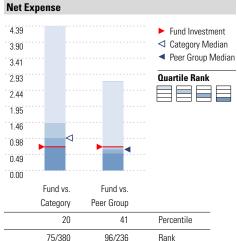
### Morningstar Category Multisector Bond

Morningstar Index Bloomberg US Universal TR USD

.....







	Fund	Bmark	Cat
Alpha	4.62	-	3.51
Beta	0.83	_	0.81
R-Squared	78.10	_	68.58
Standard Deviation	5.76	6.16	6.01
Sharpe Ratio	0.05	-0.80	-0.11
Tracking Error	2.90	_	3.72
Information Ratio	1.78	_	1.13
Up Capture Ratio	100.95	_	94.09
Down Capture Ratio	47.83	_	54.19

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.68
Avg Eff Maturity	5.90	7.69	7.26



# PIMCO Income I2 PONPX

Style Analysis as of 06-30-2023
Style Breakdown
Fixed Income

Quality

Given the second of the secon

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	48.99	67.64	23.08
AA	4.79	3.23	4.30
A	4.16	10.03	8.85
BBB	14.85	10.89	23.74
BB	14.13	3.19	17.69
В	4.43	3.64	12.71
Below B	8.66	1.38	4.11
Not Rated	0.00	0.00	5.51

#### **Morningstar Category Morningstar Index** Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 06-30-2023 Asset Class Cat% Net % US Stocks 1.07 1.15 Non-US Stocks 0.36 0.12 Bonds 129.67 95.94 Cash -31.68 0.73 Other 0.52 2.16 -50 Ó 50 100 150 Total 100.00 100.00

Sector Weighting as of 06-	30-2023											
	Fund	Bmark	Cat	Fund	•	Benchmark	] Ca	tegory	Average			
Government	27.36	_	29.85									
Treasury	3.37	_	9.36									
Inflation – Protected	1.48	-	0.61									
Agency/Quasi Agency	0.18	_	0.63	1[]								
Other Government Related	22.33	_	19.25				-					
Corporate	5.98	_	37.13									
Corporate Bond	4.47	_	31.86									
Bank Loan	1.18	_	2.97									
Convertible	0.04	_	0.69	[]								
Preferred	0.29	_	1.61									
Securitized	14.33	_	23.52				I i					
Agency MBS Pass-Through	2.28	_	7.89									
Agency MBS ARM	0.00	_	0.01									
Agency MBS CMO	0.25	-	1.31	1								
Non-Agency Residential MBS	3.61	_	1.05									
Commercial MBS	0.02	_	2.38									
Asset-Backed	8.17	_	10.88									
Covered Bond	0.00	_	0.00									
Municipal	0.03	_	0.30	0								
Cash & Equivalents	29.48	_	8.67									
Other	22.36	-	0.53									
				0%	5	10	15	20	25	30	35	40

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

Total Holdings 7956

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



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

Morningstar Category Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 8.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is
 16.44% lower than the Global Bond-USD Hedged category average.

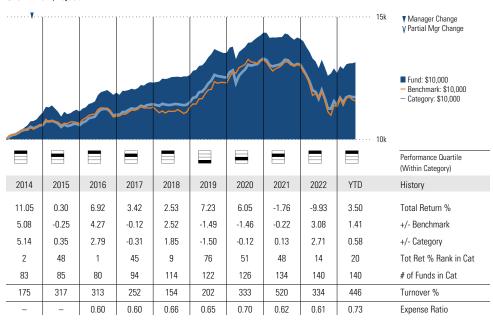
#### **Morningstar Investment Management LLC Analysis**

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

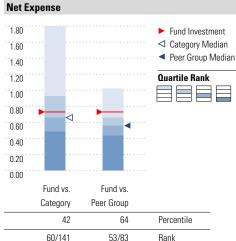
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023

#### Growth of \$10,000

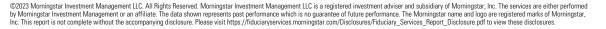






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.83	-	0.50
Beta	0.59	-	0.83
R-Squared	69.91	-	80.34
Standard Deviation	4.38	6.17	5.74
Sharpe Ratio	-0.70	-0.89	-0.77
Tracking Error	3.48	-	2.97
Information Ratio	0.70	-	0.42
Up Capture Ratio	62.61	-	87.93
Down Capture Ratio	53.26	-	81.46

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	5.85
Avg Fff Maturity	7.22	_	7.75





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

Morningstar Category Global Bond-USD Hedged **Morningstar Index** Bloomberg US Agg Bond TR USD

<b>Style Analysis</b>	as of 06-30-2023
Style Breakdown	



-50	Ó	50	100	150

Asset Allocation as of 06-30-2023

Asset Class	Net %	Cat%
US Stocks	0.00	-0.04
Non-US Stocks	0.01	0.00
Bonds	109.83	93.61
Cash	-6.61	6.19
Other	-3.24	0.26
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	56.80	3.53	40.23
AA	13.68	74.59	13.64
A	16.98	10.82	23.97
BBB	7.77	8.32	17.10
BB	1.88	0.28	0.24
В	0.65	0.00	0.05
Below B	2.24	0.00	0.06
Not Rated	0.00	2.46	4.71

		0.07 0.00 0.00 6.24 3.62 0.00 0.35 0.19 0.21 1.53 0.34 0.08 22.53	- - - - - - - - - -	0.06 0.76 0.18 8.07 2.80 0.00 0.02 1.24 0.25 2.96 0.80 0.03 31.75	Bank Loan Convertible Preferred Securitized Agency MBS Pass-Through Agency MBS CMO Non-Agency Residential MBS Commercial MBS Asset-Backed Covered Bond Municipal Cash & Equivalents Other
		0.07 0.00 0.00 6.24 3.62 0.00 0.35 0.19 0.21 1.53 0.34	- - - - - - - -	0.76 0.18 8.07 2.80 0.00 0.02 1.24 0.25 2.96 0.80	Convertible Preferred Securitized Agency MBS Pass-Through Agency MBS ARM Agency MBS CMO Non-Agency Residential MBS Commercial MBS Asset-Backed Covered Bond Municipal
		0.07 0.00 0.00 <b>6.24</b> 3.62 0.00 0.35 0.19 0.21 1.53 0.34	- - - - - -	0.76 0.18 <b>8.07</b> 2.80 0.00 0.02 1.24 0.25 2.96 0.80	Convertible Preferred Securitized Agency MBS Pass-Through Agency MBS ARM Agency MBS CMO Non-Agency Residential MBS Commercial MBS Asset-Backed Covered Bond
		0.07 0.00 0.00 <b>6.24</b> 3.62 0.00 0.35 0.19 0.21 1.53	- - - - - - - -	0.76 0.18 <b>8.07</b> 2.80 0.00 0.02 1.24 0.25 2.96	Convertible Preferred  Securitized  Agency MBS Pass-Through Agency MBS ARM  Agency MBS CMO  Non-Agency Residential MBS  Commercial MBS  Asset-Backed
		0.07 0.00 0.00 <b>6.24</b> 3.62 0.00 0.35 0.19 0.21	- - - - - -	0.76 0.18 <b>8.07</b> 2.80 0.00 0.02 1.24 0.25	Convertible Preferred Securitized Agency MBS Pass-Through Agency MBS ARM Agency MBS CMO Non-Agency Residential MBS Commercial MBS
	, v	0.07 0.00 0.00 6.24 3.62 0.00 0.35 0.19	- - - - - -	0.76 0.18 <b>8.07</b> 2.80 0.00 0.02 1.24	Convertible Preferred Securitized Agency MBS Pass-Through Agency MBS ARM Agency MBS CMO Non-Agency Residential MBS
		0.07 0.00 0.00 <b>6.24</b> 3.62 0.00 0.35	- - - - -	0.76 0.18 <b>8.07</b> 2.80 0.00 0.02	Convertible Preferred Securitized Agency MBS Pass-Through Agency MBS ARM Agency MBS CMO
		0.07 0.00 0.00 <b>6.24</b> 3.62 0.00	- - - -	0.76 0.18 <b>8.07</b> 2.80 0.00	Convertible Preferred Securitized Agency MBS Pass-Through Agency MBS ARM
	•	0.07 0.00 0.00 <b>6.24</b> 3.62	- - -	0.76 0.18 <b>8.07</b> 2.80	Convertible Preferred Securitized Agency MBS Pass-Through
	ŭ	0.07 0.00 0.00 <b>6.24</b>	- -	0.76 0.18 <b>8.07</b>	Convertible Preferred Securitized
	Ŭ	0.07 0.00 0.00	-	0.76 0.18	Convertible Preferred
		0.07 0.00	-	0.76	Convertible
		0.07			
			_	0.06	Bank Loan
		12.47	_	2.60	Corporate Bond
	0	12.54	-	3.60	Corporate
		6.92	_	33.62	Other Government Related
		4.91	_	1.49	Agency/Quasi Agency
		1.74	_	0.41	Inflation – Protected
		37.12	_	5.10	Treasury
		50.69	-	40.62	Government
Category Average	<ul><li>Benchmark</li></ul>	Cat	Bmark	Fund	
und ▼ Benchmark	und	50.69		Fund <b>40.62</b>	

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

Total Holdings 1646

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard 500 Index Admiral VFIAX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Expense Ratio

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 7.18 years.

✓ Net Expense: The fund's expense ratio of 0.04 is
94.74% 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	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

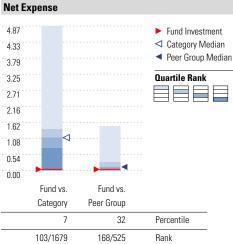
#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 30k Fund: \$10,000 Benchmark: \$10,000 15 - Category: \$10,000 101 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 13.64 1.36 11.93 21.79 -4.43 31.46 18.37 28.66 -18.15 16.87 Total Return % -0.02 -0.02 -0.05 -0.03 -0.04 -0.05 -0.03 -0.03 -0.05 -0.04 +/- Benchmark 2.43 1.84 2.68 1.56 1.35 2.68 2.54 2.59 -1.19 3.52 +/- Category 18 20 27 29 27 24 38 23 52 21 Tot Ret % Rank in Cat 1,593 1,659 1,584 1,603 # of Funds in Cat 1,559 1,543 1,556 1,568 1,565 1,613 3 3 4 3 4 4 4 2 2 Turnover %



0.04

0.04

0.04



0.04

0.04

0.04

0.04

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-0.66
Beta	1.00	_	0.94
R-Squared	100.00	_	94.49
Standard Deviation	18.19	18.19	17.67
Sharpe Ratio	0.75	0.75	0.68
Tracking Error	0.01	-	3.87
Information Ratio	-4.97	_	-1.22
Up Capture Ratio	99.93	_	92.67
Down Capture Ratio	100.07	_	95.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.85	22.84	21.76
Price/Book Ratio	4.02	4.02	4.30
Geom Avg Mkt Cap \$B	223.38	223.20	261.92
ROE	29.43	29.42	28.63

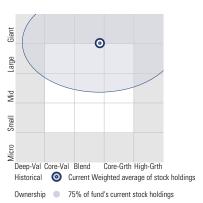


# $\textbf{Vanguard 500 Index Admiral} \quad \forall \mathsf{FIAX}$

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

### Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Style Breakdown

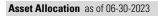
Equity

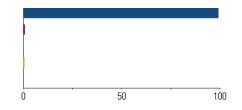
18	27	38	Large
5	9	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.05
Cash	0.39	0.86
Bonds	0.00	0.16
Non-US Stocks	0.54	2.96
US Stocks	99.08	94.95
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2023			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	27.54	27.56	27.86	
A	Basic Materials	2.28	2.28	2.80	
A	Consumer Cyclical	10.82	10.82	9.98	
<b>P</b>	Financial Services	11.95	11.97	12.89	
命	Real Estate	2.49	2.49	2.19	
W	Sensitive	49.78	49.76	48.06	
	Communication Services	8.39	8.39	7.71	
•	Energy	4.12	4.11	3.98	
Ф	Industrials	8.34	8.35	10.10	
	Technology	28.93	28.91	26.27	
<b>→</b>	Defensive	22.69	22.68	24.07	
Ħ	Consumer Defensive	6.63	6.62	7.02	
+	Healthcare	13.48	13.48	14.63	
•	Utilities	2.58	2.58	2.42	
					0% 5 10 15 20 25 30 35 40 45 F

N	0/ 11 . 4	0 1:: 0/	VTD D . 0/	
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.69	7.69	49.65	Technology
	6.79	14.48	42.57	Technology
⊕ Amazon.com Inc	3.12	17.61	55.19	Consumer Cyclical
NVIDIA Corp	2.81	20.41	189.52	Technology
⊕ Alphabet Inc Class A	1.91	22.32	35.67	Communication Svc
⊕ Tesla Inc	1.89	24.21	112.51	Consumer Cyclical
⊕ Meta Platforms Inc Class A	1.70	25.91	138.47	Communication Svc
	1.66	27.57	36.33	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.63	29.20	10.39	Financial Services
⊕ UnitedHealth Group Inc	1.20	30.40	-8.68	Healthcare
⊖ Exxon Mobil Corp	1.16	31.57	-1.12	Energy
⊕ Johnson & Johnson	1.15	32.72	-4.99	Healthcare
⊕ JPMorgan Chase & Co	1.14	33.86	9.95	Financial Services
⊕ Visa Inc Class A	1.02	34.88	14.74	Financial Services
⊕ Eli Lilly and Co	0.99	35.88	28.81	Healthcare

Total Holdings 508

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



### Vanguard Developed Markets Index Admiral VTMGX

#### **Morningstar Category** Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

#### 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 10.36 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.

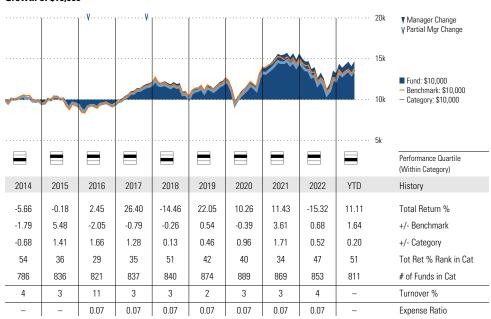
#### **Morningstar Investment Management LLC Analysis**

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	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000



### **Trailing Performance**



3-Year Risk Metrics

Up Capture Ratio

Down Capture Ratio

Net Exp	ense		
4.41			► Fund Investment
3.92			Category Median
3.43			◆ Peer Group Median
2.94			Quartile Rank
2.45			
1.96			
1.47	-		
0.98			
0.49			
0.00		·····	
	Fund vs.	Fund vs.	
	Category	Peer Group	
	8	43	Percentile

116/272 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

	i unu	Dillaik	Gat
Alpha	1.22	-	0.56
Beta	1.09	-	1.04
R-Squared	96.59	-	93.50
Standard Deviation	18.92	17.05	18.28
Sharpe Ratio	0.47	0.40	0.42
Tracking Error	3.82	-	4.68
Information Ratio	0.47	_	0.18

113.99

109.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.43	13.32	13.48
Price/Book Ratio	1.58	1.69	1.77
Geom Avg Mkt Cap \$B	30.17	43.39	51.74
ROE	16.76	17.67	19.85

62/850



106.88

105.69

# Vanguard Developed Markets Index Admiral VTMGX

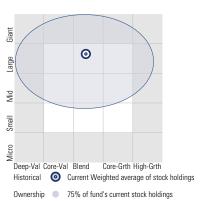
## **Morningstar Category**Foreign Large Blend

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

MSCI /

Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

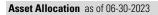
Equity

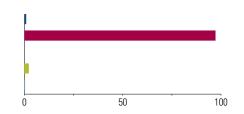
25	26	25	Large
6	8	5	Mid
1	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	0.73	3.13
Non-US Stocks	97.07	94.02
Bonds	0.00	0.19
Cash	2.05	1.26
Other	0.15	1.40
Total	100.00	100.00

Sec	ctor Weighting as of 06-3	30-2023												
		Fund	Bmark	Cat	Fund	,	Bench	mark	Categ	jory Ave	erage			
<u></u>	Cyclical	40.49	41.54	38.46										
A	Basic Materials	7.79	7.75	7.25			)							
A	Consumer Cyclical	11.20	11.48	11.45										
<del>,</del>	Financial Services	18.22	20.19	17.98					• 1					
<b>fi</b>	Real Estate	3.28	2.12	1.78										
W	Sensitive	37.27	37.19	37.06										
d	Communication Services	3.97	5.69	4.72		<b>I</b>								
ð	Energy	5.22	5.54	4.99										
Ф	Industrials	17.13	13.43	15.93			1							
	Technology	10.95	12.53	11.42				•						
<b>→</b>	Defensive	22.24	21.26	24.46			,							
Ħ	Consumer Defensive	8.27	8.45	9.73			<b>=</b> [							
+	Healthcare	10.90	9.75	12.00			<u> </u>							
•	Utilities	3.07	3.06	2.73										
					0%	5	10	15	20	25	30	35	40	

#### World Regions % Equity 06-30-2023



	Fund %	Cat %
Greater Asia	36.07	35.44
Japan	21.11	18.32
Australasia	6.91	5.01
Asia-4 Tigers	7.86	6.74
Asia-ex 4 Tigers	0.19	5.37
Not Classified	0.00	0.00

Americas	Fund % 10.29	Cat % 8.59	Greater Europe	Fund % 53.63	Cat % 55.97	Market Maturity	Fund %
North America	10.26	7.30	United Kingdom	12.23	13.49	Developed Markets	99.45
Central/Latin	0.03	1.29	W euro-ex UK	40.51	41.42	Emerging Markets	0.55
			Emrgng Europe	0.32	0.07	Not Available	0.00
			Africa	0.57	0.99		

<b>Top 10 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Nestle SA	1.50	1.50	3.18	Consumer Defensive
⊖ Slcmt1142	1.36	2.86	_	_
	1.34	4.20	32.21	Technology
Samsung Electronics Co Ltd	1.22	5.42	_	Technology
⊕ Novo Nordisk A/S Class B	1.18	6.60	18.08	Healthcare
⊕ LVMH Moet Hennessy Louis Vuitton SE	1.09	7.69	27.96	Consumer Cyclical
⊕ AstraZeneca PLC	0.99	8.68	1.97	Healthcare
⊕ Roche Holding AG	0.99	9.67	-2.58	Healthcare
Shell PLC	0.95	10.62	2.73	Energy
⊕ Novartis AG Registered Shares	0.95	11.57	11.50	Healthcare

#### Total Holdings 4054

⊕ Increase ⊕ Decrease 
★ New to Portfolio



## Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

Expense Ratio

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 13.51 years.
- ✓ Net Expense: The fund's expense ratio of 0.34 is 66.99% 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	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

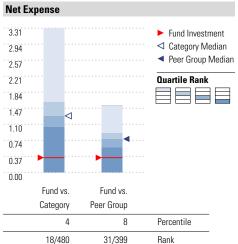
#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 20k ■ Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History -5.51 -0.54 1.84 43.16 -12.58 31.48 59 74 -0 74 -30.79 13.50 Total Return % 0.27 18.13 9.47 -16.34 -0.61 0.84 1.21 51.92 -12.00 1.83 +/- Benchmark -1.49 -1.59 3.98 12.29 1.50 3.65 34.26 -8.43 -5.50 1.11 +/- Category 65 67 12 6 31 22 4 89 82 39 Tot Ret % Rank in Cat 403 420 408 421 435 439 461 484 483 478 # of Funds in Cat 21 29 29 15 16 13 20 25 15 Turnover %



0.33

0.32

0.34



0.33

0.32

0.32

0.32

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	-5.23	_	-4.12
Beta	1.11	_	1.00
R-Squared	73.39	_	83.06
Standard Deviation	23.56	18.12	19.89
Sharpe Ratio	0.19	0.47	0.23
Tracking Error	12.33	_	8.24
Information Ratio	-0.44	_	-0.56
Up Capture Ratio	88.34	_	92.46
Down Capture Ratio	108.76	_	111.38

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.19	13.96	22.25
Price/Book Ratio	3.54	1.72	3.33
Geom Avg Mkt Cap \$B	59.17	48.10	56.92
ROE	18.06	18.59	21.65



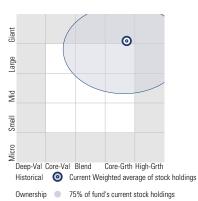
# Vanguard International Growth Adm VWILX

## Morningstar Category Foreign Large Growth

**Morningstar Index** MSCI EAFE NR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Style Breakdown

Equity

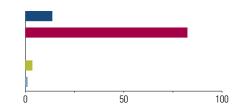
10	25	48	Large
1	6	10	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

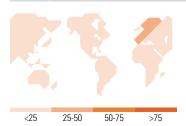
#### Asset Allocation as of 06-30-2023



Total	100.00	100.00
Other	0.90	0.57
Cash	3.35	2.49
Bonds	0.00	0.03
Non-US Stocks	82.25	90.28
US Stocks	13.50	6.64
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	<ul> <li>Bench</li> </ul>	mark	Categ	ory Ave	erage		_	
<b>Դ</b>	Cyclical	34.11	39.15	36.05					*				1	
æ.	Basic Materials	0.28	7.35	6.37	i j		<b>.</b>							
<b>A</b>	Consumer Cyclical	24.39	11.63	15.08			<b>'</b>							
<del>,</del>	Financial Services	9.44	17.70	14.20					•					
<b>fi</b>	Real Estate	0.00	2.47	0.40										
W	Sensitive	43.93	34.17	39.94								1		
	Communication Services	7.16	4.17	3.36										
•	Energy	1.54	4.35	3.01		]								
Ф	Industrials	12.09	16.47	16.83		- :								
	Technology	23.14	9.18	16.74			- 1			١.				
<b>—</b>	Defensive	21.95	26.68	23.99						[]				
Ħ	Consumer Defensive	4.97	10.08	8.85										
+	Healthcare	16.20	13.35	14.35										
•	Utilities	0.78	3.25	0.79		7								
					0%	5	10	15	20	25	30	35	40	45

#### World Regions % Equity 06-30-2023



	Fund %	Cat %
Greater Asia	28.28	27.75
Japan	7.66	11.77
Australasia	1.11	1.58
Asia-4 Tigers	7.57	6.75
Asia-ex 4 Tigers	11.94	7.65
Not Classified	0.00	0.00

Americas	Fund % 21.70	Cat % 14.05	Greater Europe	Fund % 50.03	Cat % 58.19	Market Maturity	Fund %
North America Central/Latin	14.97 6.73	11.97 2.08	United Kingdom W euro-ex UK	6.12 42.73	12.75 44.86	Developed Markets Emerging Markets	81.34 18.66
Central/Latin	0.73	2.08	Emrgng Europe	0.00	0.03	Not Available	0.00
			Africa	1.18	0.55		

<b>Top 10 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ ASML Holding NV	5.59	5.59	32.21	Technology
	4.89	10.48	39.98	Consumer Cyclical
Adyen NV	4.10	14.58	23.08	Technology
	3.02	17.60	29.65	Technology
Tencent Holdings Ltd	2.90	20.50	3.95	Communication Svc
	2.79	23.29	103.36	Communication Svc
	2.72	26.00	-	-
Kering SA	2.61	28.62	9.27	Consumer Cyclical
Moderna Inc	2.51	31.12	-32.36	Healthcare
Ferrari NV	2.08	33.20	50.50	Consumer Cyclical

#### **Total Holdings** 146

⊕ Increase ⊕ Decrease 
★ New to Portfolio



## Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- 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 13.1 years.
- $\times$  *Style*: The fund has landed in its primary style box Large Value 50 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 61.22% lower than the Foreign Large Value category average.

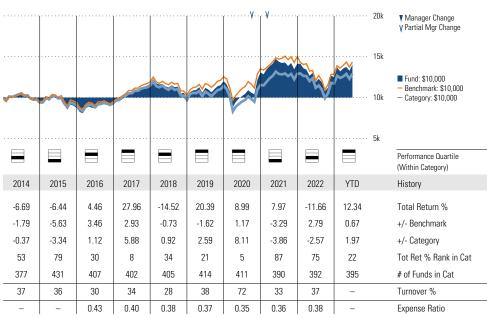
#### **Morningstar Investment Management LLC Analysis**

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.

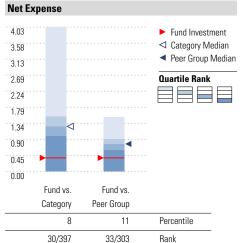
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2023 ■ Fund Benchmark Category 5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 3.37 18.00 11.25 4.55 5.31 8.28 2.95 18.77 8.93 4.39 5.41 8.36 Benchmark Return % 2 76 15.71 10.67 3 59 4 39 Category Average % 34 35 43 27 18 % Rank in Category 395 357 326 209 # of Funds in Category



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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	2.14	_	2.04
Beta	1.01	_	0.99
R-Squared	91.59	_	89.03
Standard Deviation	19.21	18.12	19.09
Sharpe Ratio	0.57	0.47	0.55
Tracking Error	5.58	_	6.46
Information Ratio	0.42	_	0.29
Up Capture Ratio	102.59	_	101.66
Down Capture Ratio	93.36	-	93.63

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.59	13.96	10.09
Price/Book Ratio	1.75	1.72	1.22
Geom Avg Mkt Cap \$B	32.88	48.10	34.02
ROE	16.60	18.59	16.07



# Vanguard International Value Inv VTRIX

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

Morningstar Index

### Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Style Breakdown

Equity

1. /			
20	36	24	Large
5	10	3	Mid
1	2	0	Small

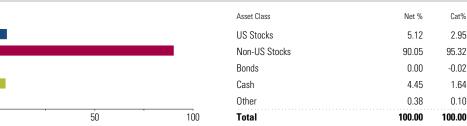
Value Blend Growth

Weight %

>50 25-50 10-25 0-10

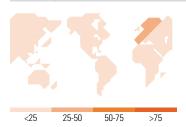


Asset Allocation as of 06-30-2023



Sec	ctor Weighting as of 06-3	30-2023			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	42.65	39.15	42.37	
A	Basic Materials	10.36	7.35	8.65	
A	Consumer Cyclical	17.03	11.63	11.14	
<del>,</del>	Financial Services	14.39	17.70	21.30	
<b>fi</b>	Real Estate	0.87	2.47	1.28	
W	Sensitive	40.83	34.17	35.43	
0	Communication Services	4.93	4.17	5.49	
•	Energy	5.83	4.35	7.64	
Ф	Industrials	18.89	16.47	15.15	
	Technology	11.18	9.18	7.15	
<b>→</b>	Defensive	16.51	26.68	22.20	
Ħ	Consumer Defensive	6.36	10.08	8.71	
+	Healthcare	7.86	13.35	9.72	
•	Utilities	2.29	3.25	3.77	
					0% 5 10 15 20 25 30 35 40 45

#### World Regions % Equity 06-30-2023



Greater Asia	Fund % 39.15	Cat % 30.69
Japan	12.25	16.53
Australasia	0.57	3.75
Asia-4 Tigers	11.87	7.35
Asia-ex 4 Tigers	14.46	3.06
Not Classified	0.00	0.00

Americas	Fund % 12.07	Cat % 9.15	Greater Europe	Fund % 48.77	Cat % 60.14	Market Maturity	Fund %
North America	7.96	7.83	United Kingdom	14.74	17.16	Developed Markets	81.22
Central/Latin	4.11	1.32	W euro-ex UK	33.73	42.15	Emerging Markets	18.78
			Emrgng Europe	0.00	0.11	Not Available	0.00
			Africa	0.30	0.72		

<b>Top 10 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	3.70	3.70	-	_
Alibaba Group Holding Ltd Ordinary Shares	1.82	5.52	-7.88	Consumer Cyclical
→ HSBC Holdings PLC	1.63	7.15	25.69	Financial Services
→ Holcim Ltd	1.53	8.68	30.95	Basic Materials
	1.50	10.18	20.84	Industrials
AIA Group Ltd	1.48	11.67	-7.56	Financial Services
BP PLC	1.47	13.14	-1.20	Energy
⊕ Ryanair Holdings PLC ADR	1.39	14.53	47.94	Industrials
⊕ Roche Holding AG	1.31	15.84	-2.58	Healthcare
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.30	17.14	29.65	Technology

#### Total Holdings 229

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



### Vanguard Mid-Cap Growth Index Admiral VMGMX

17

23

21

0.07

23

0.07

25

0.07

18

0.07

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Turnover %

Expense Ratio

#### Portfolio Manager(s)

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

#### **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 has been in place for 10.36 years.

Net Expense: The fund's expense ratio of 0.07 is 93.4% lower than the Mid-Cap Growth category average.

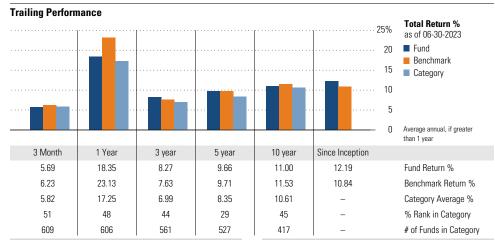
#### **Morningstar Investment Management LLC Analysis**

This fund 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	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 Benchmark: \$10,000 15 Category: \$10,000 101 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 13.48 -0.98 6.75 21.83 -5.60 33.86 34.48 20.48 -28.84 14.93 Total Return % -0.78 -1.11 7.75 1.58 -0.58 -3.44 -0.85 -1.61 -2.12 -1.01 +/- Benchmark -0.03 1.05 1.34 6.48 0.72 -2.08 -4.78 7.43 -1.05 0.68 +/- Category 5 51 40 65 46 42 44 19 64 45 Tot Ret % Rank in Cat 668 695 616 # of Funds in Cat 633 620 623 612 622 606



22

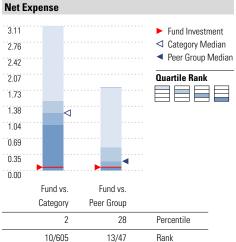
0.07

25

0.07

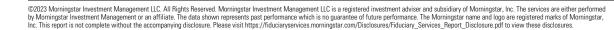
22

0.07



3-1 ear nisk werres			
	Fund	Bmark	Cat
Alpha	0.64	_	-0.82
Beta	1.00	_	0.98
R-Squared	98.36	_	89.82
Standard Deviation	21.38	21.21	22.08
Sharpe Ratio	0.40	0.38	0.33
Tracking Error	2.74	_	7.02
Information Ratio	0.23	-	-0.29
Up Capture Ratio	102.69	_	97.32
Down Capture Ratio	100.97	-	101.67

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.32	26.62	26.36
Price/Book Ratio	5.05	8.31	4.69
Geom Avg Mkt Cap \$B	27.13	21.18	19.03
ROE	18.67	23.91	20.84





# Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Style Breakdown

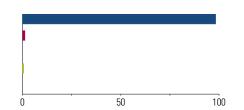
Equity

0	5	13	Large
3	36	42	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2023

Total	100.00	100.00
Other	0.00	0.39
Cash	0.57	2.33
Bonds	0.00	0.12
Non-US Stocks	1.19	4.40
US Stocks	98.24	92.78
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		▼ Ben	chma	ırk	] Ca	tegor	y Ave	age		
b	Cyclical	25.30	23.10	27.81						•					
ů.	Basic Materials	3.38	0.93	2.44											
4	Consumer Cyclical	9.84	12.45	13.37											
₽	Financial Services	5.42	8.01	8.94		• [									
b	Real Estate	6.66	1.71	3.06											
NI	Sensitive	57.52	51.42	49.43											
	Communication Services	5.08	3.69	3.34											
•	Energy	5.99	3.63	2.82											
\$	Industrials	16.64	17.82	15.95				0							
3	Technology	29.81	26.28	27.32											
+	Defensive	17.19	25.48	22.76					[	[					
=	Consumer Defensive	1.81	3.11	2.70											
ř	Healthcare	15.38	21.93	19.42											
?	Utilities	0.00	0.44	0.64	Ĭ										

<b>Top 15 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	1.63	1.63	12.12	Technology
⊕ DexCom Inc	1.61	3.24	13.48	Healthcare
Motorola Solutions Inc	1.59	4.83	14.49	Technology
	1.58	6.41	28.59	Technology
⊕ TransDigm Group Inc	1.51	7.91	42.01	Industrials
€ Cintas Corp	1.39	9.30	10.58	Industrials
Ð IQVIA Holdings Inc	1.35	10.64	9.70	Healthcare
⊕ ON Semiconductor Corp	1.32	11.96	51.64	Technology
⊕ Realty Income Corp	1.30	13.26	-3.34	Real Estate
⊕ Welltower Inc	1.30	14.56	25.26	Real Estate
⊕ Copart Inc	1.26	15.82	49.79	Industrials
⊕ Hess Corp	1.21	17.03	-3.52	Energy
🕑 Arista Networks Inc	1.21	18.24	33.55	Technology
Ð AMETEK Inc	1.20	19.44	16.22	Industrials
Waste Connections Inc	1.19	20.63	8.21	Industrials

#### Total Holdings 164

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard Mid-Cap Value Index Admiral VMVAX

## Morningstar Category ■ Mid-Cap Value

### Morningstar Index

Russell Mid Cap Value TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 16.88 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**

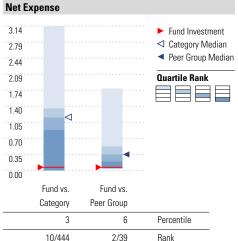
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 13.98 -1.80 15.26 17.04 -12.42 27.99 2.54 28.76 -7 90 3.45 Total Return % 2.98 -0.77 -4.74 3.70 -0.13 0.93 -2.42 0.42 4.13 -1.78 +/- Benchmark 3.61 3.82 0.44 4.67 -2.80 2.81 -0.09 -0.56 0.12 -2.15 +/- Category 11 17 71 13 45 32 55 53 47 76 Tot Ret % Rank in Cat 476 521 502 475 463 461 449 438 # of Funds in Cat 483 488 14 20 20 17 17 17 39 17 18 Turnover % 0.07 0.07 0.07 0.07 0.07 0.07 0.07 Expense Ratio





3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.99	_	1.73
Beta	0.96	_	0.98
R-Squared	98.58	_	94.03
Standard Deviation	18.90	19.51	19.67
Sharpe Ratio	0.78	0.73	0.79
Tracking Error	2.37	_	4.89
Information Ratio	0.24	_	0.31
Up Capture Ratio	98.50	_	99.19
Down Capture Ratio	95.32	_	92.48

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.93	14.88	13.65
Price/Book Ratio	2.11	2.12	1.83
Geom Avg Mkt Cap \$B	22.93	17.08	12.84
ROE	16.78	14.14	15.37



# Vanguard Mid-Cap Value Index Admiral VMVAX

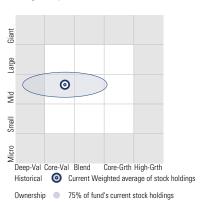
## Morningstar Category Mid-Cap Value

### Morningstar Index

### Russell Mid Cap Value TR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

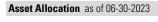
Equity

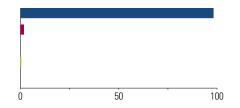
1. /			
2	1	0	Large
43	51	2	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.49
Cash	0.26	2.21
Bonds	0.00	0.01
Non-US Stocks	1.63	7.20
US Stocks	98.12	90.09
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark  Category Average
					runu
b	Cyclical	43.41	41.64	40.43	
	Basic Materials	6.25	6.41	5.21	
<b>P</b>	Consumer Cyclical	9.35	10.41	12.03	
ê	Financial Services	17.52	14.17	17.01	
b	Real Estate	10.29	10.65	6.18	
NF	Sensitive	27.95	39.29	36.31	
	Communication Services	2.86	3.71	3.15	
•	Energy	2.86	5.13	5.77	
þ	Industrials	14.74	18.06	17.08	
1	Technology	7.49	12.39	10.31	
+	Defensive	28.63	19.08	23.26	
=	Consumer Defensive	6.36	3.86	6.73	
1	Healthcare	9.29	7.75	10.01	
2	Utilities	12.98	7.47	6.52	

<b>Top 15 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.44	1.44	17.04	Financial Services
	1.34	2.78	27.54	Industrials
○ Carrier Global Corp Ordinary Shares	1.27	4.05	21.41	Industrials
○ Nucor Corp	1.26	5.31	25.18	Basic Materials
⊕ PG&E Corp	1.24	6.56	6.27	Utilities
○ Corteva Inc     ○	1.19	7.74	-2.01	Basic Materials
⊕ Rockwell Automation Inc	1.16	8.90	28.82	Industrials
□ D.R. Horton Inc	1.14	10.05	37.08	Consumer Cyclical
○ Centene Corp	1.13	11.18	-17.75	Healthcare
⊕ Ameriprise Financial Inc	1.06	12.24	7.51	Financial Services
	1.02	13.26	16.00	Real Estate
	1.01	14.27	16.71	Healthcare
	0.99	15.26	20.00	Industrials
⊕ Baker Hughes Co Class A	0.98	16.24	8.33	Energy
⊕ Lennar Corp Class A	0.97	17.20	39.29	Consumer Cyclical

**Total Holdings** 197



### Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 27.15 years.

Net Expense: The fund's expense ratio of 0.12 is 88.46% lower than the Real Estate category average.

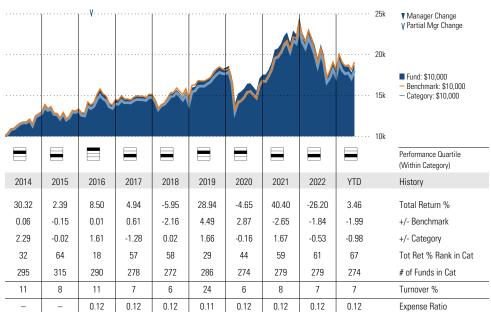
### **Morningstar Investment Management LLC Analysis**

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.

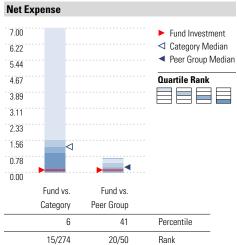
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-Low	02-15-2022

### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-2.83	_	-1.69
Beta	1.00	_	0.96
R-Squared	98.74	_	93.81
Standard Deviation	20.22	20.05	19.81
Sharpe Ratio	0.30	0.44	0.35
Tracking Error	2.27	-	4.50
Information Ratio	-1.34	_	-0.58
Up Capture Ratio	95.85	_	93.21
Down Capture Ratio	105.61	_	99.34

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	28.85	38.46	29.90
Price/Book Ratio	2.25	2.42	2.19
Geom Avg Mkt Cap \$B	21.51	9.35	31.26
ROE	14.13	9.56	15.54

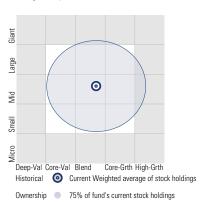


# Vanguard Real Estate Index Admiral VGSLX

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

### Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

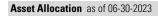
Equity

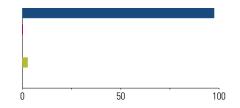
1. 7			
0	16	13	Luigo
3	43	6	18110
5	11	2	OHIGH

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	12.05
Cash	2.54	0.83
Bonds	0.00	3.38
Non-US Stocks	0.02	1.21
US Stocks	97.44	82.54
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	•	Ben	chma	ırk	] Ca	atego	ory A	ver	age		
Cyclical	99.11	99.13	99.21												
Basic Materials	0.00	0.00	0.05												
Consumer Cyclical	0.00	0.13	1.60	i[]											
Financial Services	0.00	0.00	0.30												
Real Estate	99.11	99.00	97.26												
Sensitive	0.89	0.87	0.72	ĺ											
Communication Services	0.81	0.00	0.20												
Energy	0.00	0.00	0.04												
Industrials	0.00	0.87	0.26												
Technology	0.08	0.00	0.22												
► Defensive	0.00	0.00	0.07												
Consumer Defensive	0.00	0.00	0.00												
Healthcare	0.00	0.00	0.01												
Utilities	0.00	0.00	0.06	Ĭ											

<b>Top 15 Holdings</b> as of 06-30-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	12.52	12.52	_	_
○ Prologis Inc	7.44	19.96	10.33	Real Estate
	5.93	25.89	-6.98	Real Estate
	4.81	30.71	20.72	Real Estate
○ Crown Castle Inc	3.24	33.95	-13.69	Real Estate
<ul><li>─ Public Storage</li></ul>	3.03	36.98	6.31	Real Estate
	2.59	39.58	-3.34	Real Estate
	2.54	42.12	25.26	Real Estate
	2.40	44.52	1.40	Real Estate
CoStar Group Inc	2.38	46.90	15.17	Real Estate
Digital Realty Trust Inc     ■	2.07	48.96	16.00	Real Estate
○ VICI Properties Inc Ordinary Shares	1.80	50.77	-0.59	Real Estate
	1.74	52.51	19.22	Real Estate
	1.65	54.15	-16.71	Real Estate
○ CBRE Group Inc Class A	1.65	55.80	4.87	Real Estate

### **Total Holdings 169**



## Vanguard Small Cap Growth Index Admiral VSGAX

Growth of \$10,000

684

26

722

23

669

27

0.07

675

19

0.07

## Morningstar Category Small Growth

647

24

0.07

634

Morningstar Index

Russell 2000 Growth TR USD

# of Funds in Cat

Turnover %

Expense Ratio

### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 18.51 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	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### ▼ Manager Change V Partial Mgr Change 20k Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 4.02 -2.52 10.73 21.92 -5.68 32.76 35.28 5.70 -28.39 14.90 Total Return % -1.58 -1.14 -0.59 -0.25 3.63 4.28 0.65 2.87 -2.03 1.35 +/- Benchmark -0.11 0.08 1.58 -0.47 0.42 5.08 -3.34 -6.19 -0.62 2.90 +/- Category 36 52 48 46 50 27 52 69 55 21 Tot Ret % Rank in Cat

655

24

0.07

652

29

0.07

670

22

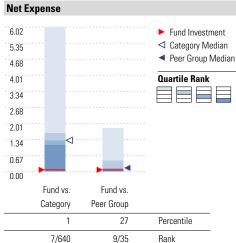
0.07

660

18

0.07





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.37	_	0.92
Beta	0.93	_	0.93
R-Squared	95.42	_	89.28
Standard Deviation	21.40	22.51	22.20
Sharpe Ratio	0.27	0.30	0.33
Tracking Error	4.85	_	7.54
Information Ratio	-0.16	_	0.05
Up Capture Ratio	96.96	_	97.66
Down Capture Ratio	99.23	-	95.95

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.16	19.60	23.17
Price/Book Ratio	3.69	3.99	3.97
Geom Avg Mkt Cap \$B	5.78	2.69	5.20
ROE	10.06	7.12	16.08





# Vanguard Small Cap Growth Index Admiral VSGAX

# Morningstar Category Small Growth

### Morningstar Index

Russell 2000 Growth TR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

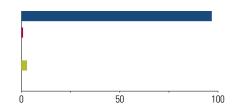
Equity

. ,			
0	0	0	Large
1	13	24	Mid
4	27	31	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2023



Total	100.00	100.00
Other	0.00	1.55
Cash	2.66	2.39
Bonds	0.00	0.02
Non-US Stocks	0.65	4.70
US Stocks	96.68	91.33
Asset Class	Net %	Cat%

		Freed	Dd.	0-+	Fund - Boundard   Cotonom Account	
		Fund	Bmark	Cat	Fund Benchmark Category Average	
<b>Ն</b>	Cyclical	23.91	21.51	24.57		
i.	Basic Materials	2.28	4.41	3.05		
4	Consumer Cyclical	12.48	10.42	11.68		
₽	Financial Services	3.43	5.14	7.41		
<b>f</b>	Real Estate	5.72	1.54	2.43		
W	Sensitive	52.08	48.87	48.00		
	Communication Services	2.86	1.92	1.66		
ð	Energy	4.91	4.42	3.89		
ф	Industrials	17.14	18.29	18.21		
	Technology	27.17	24.24	24.24		
<b>-</b>	Defensive	24.01	29.60	27.43		
	Consumer Defensive	3.67	4.46	4.89		
٠	Healthcare	19.69	23.48	21.60		
•	Utilities	0.65	1.66	0.94		

	0/ 11 - 1	0 1 2 5	VED D	
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	2.47	2.47	_	_
⊖ Fair Isaac Corp	0.91	3.37	35.19	Technology
☐ Targa Resources Corp	0.81	4.19	4.69	Energy
⊕ Exact Sciences Corp	0.80	4.99	89.66	Healthcare
⊕ Entegris Inc	0.78	5.77	69.26	Technology
⊕ PTC Inc	0.76	6.53	18.54	Technology
⊖ Liberty Formula One Group Registered Shs Series -C- Formula One	0.70	7.22	25.93	Communication Svc
□ Deckers Outdoor Corp	0.66	7.88	32.19	Consumer Cyclical
⊖ Graco Inc	0.65	8.53	29.08	Industrials
Axon Enterprise Inc	0.65	9.18	17.59	Industrials
⊕ Lattice Semiconductor Corp	0.62	9.81	48.07	Technology
⊕ Bio-Techne Corp	0.61	10.41	-1.32	Healthcare
○ Nordson Corp	0.60	11.02	4.95	Industrials
	0.60	11.62	54.92	Industrials
○ Penumbra Inc     ○	0.59	12.21	54.66	Healthcare

Total Holdings 656



# Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 7.18 years.

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

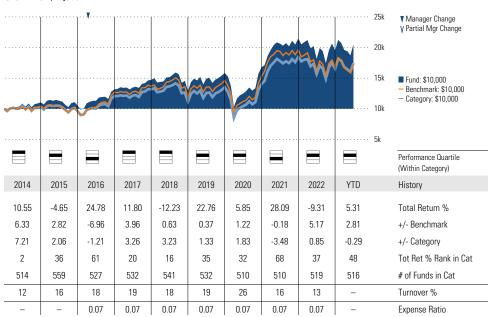
### **Morningstar Investment Management LLC Analysis**

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.

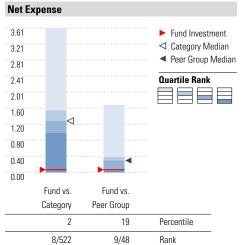
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2023 ■ Fund Benchmark Category 5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 4.65 13.00 18.07 6.24 9.27 11.67 3.18 6.01 15.43 3.54 7.29 12.01 Benchmark Return % 3.80 18.77 7 60 11 59 5 22 Category Average % 31 37 49 28 14 % Rank in Category 519 507 471 446 350 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.26	_	3.22
Beta	0.93	_	0.95
R-Squared	96.83	-	93.19
Standard Deviation	21.35	22.66	22.34
Sharpe Ratio	0.81	0.67	0.79
Tracking Error	4.14	-	5.93
Information Ratio	0.64	-	0.50
Up Capture Ratio	98.72	-	100.18
Down Capture Ratio	89.08	_	90.57

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	10.69	8.49	10.20
Price/Book Ratio	1.65	1.20	1.45
Geom Avg Mkt Cap \$B	5.16	1.80	4.13
ROE	16.17	7.82	16.17



# Vanguard Small Cap Value Index Admiral VSIAX

# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



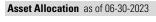
### Style Breakdown

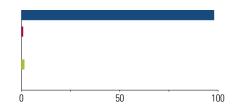
Equity

. ,			
0	0	0	Large
12	16	5	Mid
31	31	6	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	-0.01
Cash	1.37	3.66
Bonds	0.00	0.02
Non-US Stocks	0.72	3.32
US Stocks	97.91	93.02
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Ber	nchmark	Cat	egory .	Averag	e	
<b>Ն</b>	Cyclical	48.44	49.32	49.37							
à.	Basic Materials	5.86	4.84	6.25							
	Consumer Cyclical	13.62	10.57	14.73							
ê	Financial Services	18.60	20.94	21.71			[				
b	Real Estate	10.36	12.97	6.68		•					
NF	Sensitive	36.29	32.56	37.54							
	Communication Services	2.06	2.58	2.01							
•	Energy	4.62	8.57	6.53		_					
\$	Industrials	21.90	13.42	18.73		<u> </u>					
	Technology	7.71	7.99	10.27							
÷	Defensive	15.27	18.11	13.10							
=	Consumer Defensive	4.39	3.51	4.22							
ì	Healthcare	6.43	10.22	6.02							
?	Utilities	4.45	4.38	2.86							

Name	% Net Asset	Cumulative %	YTD Return %	Marningatar Castar
ivanie	% Net Asset	Cumulative %	FID heturn %	Morningstar Sector
⊕ Slcmt1142	1.28	1.28	_	_
─ Builders FirstSource Inc	0.64	1.92	109.62	Industrials
□ IDEX Corp	0.60	2.52	-5.18	Industrials
⊖ Reliance Steel & Aluminum Co	0.59	3.10	35.15	Basic Materials
Atmos Energy Corp	0.57	3.68	5.13	Utilities
⊖ Booz Allen Hamilton Holding Corp Class A	0.54	4.22	7.22	Industrials
→ Bunge Ltd	0.52	4.74	-4.18	Consumer Defensive
	0.50	5.24	58.49	Technology
○ Carlisle Companies Inc	0.48	5.72	9.50	Industrials
→ First Citizens BancShares Inc Class A	0.48	6.20	69.44	Financial Services
	0.45	6.65	-4.72	Real Estate
Gaming and Leisure Properties Inc	0.44	7.10	-3.72	Real Estate
⊕ AECOM	0.43	7.53	0.14	Industrials
○ Owens-Corning Inc	0.43	7.96	54.21	Industrials
→ RPM International Inc	0.43	8.39	-7.06	Basic Materials

### **Total Holdings 878**



## Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 10.36 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 86.21% lower than the Target-Date 2020 category average.

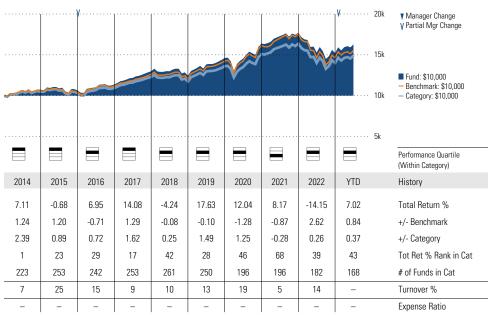
### **Morningstar Investment Management LLC Analysis**

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

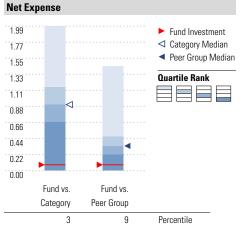
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000







	5/175	28/322	Rank			
Peer group	is a subset of t	he category ar	nd includes fun	ds with the		
same management style (active vs. passive) and similar share class						
characterie	etice					

Rank

3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.17	-	1.08
Beta	0.87	-	0.88
R-Squared	98.44	-	97.30
Standard Deviation	10.06	11.49	10.23
Sharpe Ratio	0.27	0.17	0.25
Tracking Error	1.96	-	2.28
Information Ratio	0.45	-	0.42
Up Capture Ratio	90.86	-	91.21
Down Capture Ratio	83.36	-	84.32

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.10	17.42	17.71
Price/Book Ratio	2.40	2.45	2.54
Avg Eff Duration	6.05	_	5.71



# Vanguard Target Retirement 2020 Fund VTWNX

Quality High Μid Low

**Morningstar Category** Target-Date 2020

**Morningstar Index** Morningstar Lifetime Mod 2020 TR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

Weight %

Lquity			
18	26	28	Large
6	10	5	Mid
2	3	2	Small
	D	0 .1	

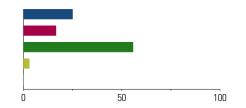
Ltd Mod Duration

Fixed Income

Value Blend Growth

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2023



Asset Class Net % Cat% US Stocks 24.91 25.00 Non-US Stocks 16.48 14.11 Bonds 55.69 50.06 Cash 2.88 2.65 Other 0.03 8.18 Total 100.00 100.00

Sec	ctor Weighting as of 06-	30-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	33.85	37.28	35.04	
A.	Basic Materials	4.65	4.38	4.51	
Д	Consumer Cyclical	11.19	10.42	10.59	
ø	Financial Services	14.88	13.99	14.66	
<b>fi</b>	Real Estate	3.13	8.49	5.28	
W	Sensitive	44.77	41.99	43.11	
	Communication Services	6.78	6.22	6.52	
ð	Energy	4.60	4.45	4.64	
Ф	Industrials	11.63	11.54	10.90	<u> </u>
	Technology	21.76	19.78	21.05	
<b>→</b>	Defensive	21.37	20.73	21.85	
Ħ	Consumer Defensive	6.78	6.38	6.67	
+	Healthcare	11.85	11.48	12.45	
•	Utilities	2.74	2.87	2.73	
					0% 5 10 15 20 25 30 35 40 45

<b>Top 7 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II ldx Inv	_	31.87	31.87	_	_
○ Vanguard Total Stock Mkt Idx InstI Pls	_	25.08	56.94	_	-
⊕ Vanguard Total Intl Stock Index Inv	_	16.94	73.88	_	-
⊕ Vanguard Total Intl Bd II ldx Insl	-	14.28	88.15	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	10.96	99.11	-	_
	_	0.91	100.02	_	_
⊕ Us Dollar	_	0.02	100.04	_	_

### Total Holdings 7

## Vanguard Target Retirement 2025 Fund VTTVX

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

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2025 category average.

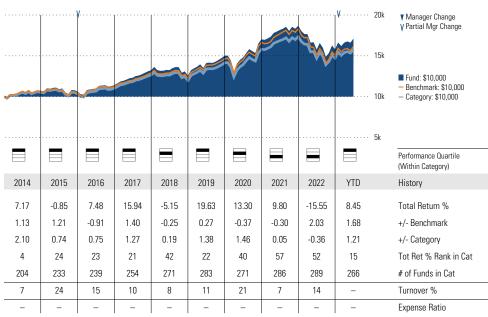
### **Morningstar Investment Management LLC Analysis**

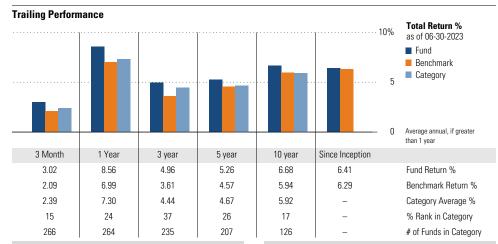
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

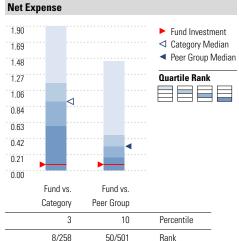
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022









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

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.49	_	1.10
Beta	0.93	_	0.88
R-Squared	98.61	_	97.72
Standard Deviation	11.69	12.43	11.02
Sharpe Ratio	0.34	0.22	0.29
Tracking Error	1.61	_	2.40
Information Ratio	0.84	_	0.44
Up Capture Ratio	99.10	_	92.16
Down Capture Ratio	90.66	_	85.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.16	17.22	17.76
Price/Book Ratio	2.42	2.41	2.54
Avg Eff Duration	6.45	_	6.76



# Vanguard Target Retirement 2025 Fund VTTVX

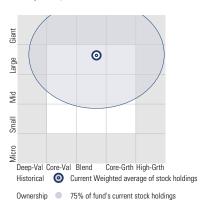
Asset Allocation as of 06-30-2023

Morningstar Category
Target-Date 2025

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

### Style Analysis as of 06-30-2023

Morningstar Style Box™



#### Asset Class Net % Cat% US Stocks 33.03 28.15 Non-US Stocks 21.22 15.03 Bonds 42.95 42.01 Cash 2.76 3.45 Other 0.04 11.35 50 100.00 100.00 Total

### Style Breakdown

Equity

Equity				rixeu	IIIC
18	26	28	Large		
6	10	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Itd	١



Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	•	Benchr	nark	Categ	ory Ave	era
b	Cyclical	33.76	37.26	34.68							
ì.	Basic Materials	4.60	4.46	4.41		ď					
ò	Consumer Cyclical	11.20	10.50	10.64							
<u></u>	Financial Services	14.82	14.15	14.45							
b	Real Estate	3.14	8.15	5.18			7				
Ħ	Sensitive	44.85	42.01	43.37							
	Communication Services	6.82	6.20	6.63							
)	Energy	4.58	4.48	4.60							
ŀ	Industrials	11.59	11.68	10.76							
l	Technology	21.86	19.65	21.38							
•	Defensive	21.38	20.75	21.96							
	Consumer Defensive	6.78	6.40	6.72							
	Healthcare	11.86	11.46	12.39							
)	Utilities	2.74	2.89	2.85							

<b>Top 7 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Sunguard Total Stock Mkt Idx Instl Pls	_	33.25	33.25	_	_
→ Vanguard Total Bond Market II Idx Inv	_	27.75	61.01	_	-
◆ Vanguard Total Intl Stock Index Inv	-	21.80	82.81	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	11.91	94.72	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec ldx Adm	-	4.09	98.81	-	_
	_	1.19	100.00	_	_
⊕ Us Dollar	_	0.00	100.00	_	_

### Total Holdings 7



## Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category** Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz 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 10.36 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 87.5% lower than the Target-Date 2030 category average.

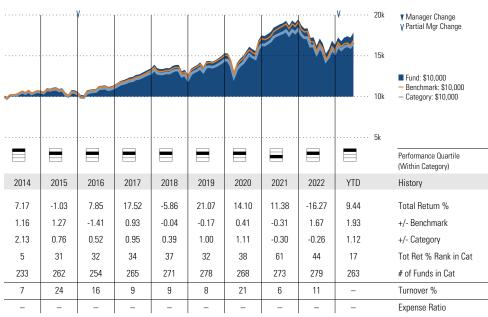
### **Morningstar Investment Management LLC Analysis**

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.

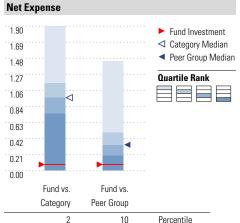
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



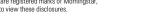




	6/254	42/421	Rank	
Peer group	is a subset of	the category an	ıd includes fur	ds with the
same man	agement style (	active vs. passi	ive) and simila	r share class
characteris	etice			

3-Year KISK IVIETRICS			
	Fund	Bmark	Cat
Alpha	1.37	_	1.21
Beta	0.94	-	0.92
R-Squared	98.78	_	98.19
Standard Deviation	12.80	13.47	12.47
Sharpe Ratio	0.40	0.30	0.38
Tracking Error	1.60	_	2.14
Information Ratio	0.75	_	0.54
Up Capture Ratio	99.17	_	96.23
Down Capture Ratio	92.11	_	90.07

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	17.03	17.93
Price/Book Ratio	2.42	2.38	2.64
Avg Eff Duration	6.84	-	7.19





# Vanguard Target Retirement 2030 Fund VTHRX

Asset Allocation as of 06-30-2023

Morningstar Category
Target-Date 2030
Morningstar Category
Morningstar Category

**Morningstar Index** Morningstar Lifetime Mod 2030 TR USD

### Style Analysis as of 06-30-2023

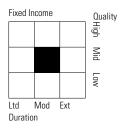
Morningstar Style Box™



#### Asset Class Net % Cat% US Stocks 38.45 35.05 Non-US Stocks 24.42 18.46 Bonds 34.43 33.00 Cash 2.66 1.61 Other 0.03 11.89 50 Total 100.00 100.00

### Style Breakdown





Value Blend Growth

>50 25-50 10-25 0-10

Weight %

Sec	ctor Weighting as of 06-	30-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	33.72	37.17	33.63	
A.	Basic Materials	4.59	4.57	4.29	
A	Consumer Cyclical	11.20	10.57	10.90	
<del>,</del>	Financial Services	14.80	14.32	14.81	
侖	Real Estate	3.13	7.71	3.63	
W	Sensitive	44.87	42.04	44.16	
d	Communication Services	6.81	6.19	6.71	
•	Energy	4.58	4.52	4.62	
Ф	Industrials	11.58	11.81	11.13	0
	Technology	21.90	19.52	21.70	
<b>→</b>	Defensive	21.40	20.78	22.20	
Ħ	Consumer Defensive	6.78	6.43	6.79	
٠	Healthcare	11.88	11.45	12.63	
•	Utilities	2.74	2.90	2.78	
					0% 5 10 15 20 25 30 35 40 49

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	38.71	38.71	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	25.09	63.80	_	-
◆ Vanguard Total Bond Market II Idx Inv	_	24.41	88.21	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	10.46	98.67	_	_
	-	1.34	100.01	_	_
⊕ Us Dollar	_	0.01	100.03	_	_

### Total Holdings 6

## Vanguard Target Retirement 2035 Fund VTTHX

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

### Portfolio Manager(s)

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

### **Quantitative Screens**

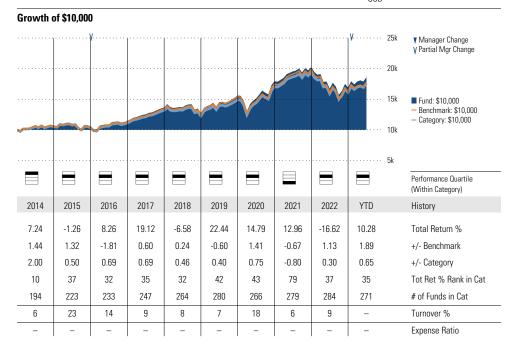
- Performance: The fund has finished in the Target-Date
  2035 category's top three quartiles in 9 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 10.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2035 category average.

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

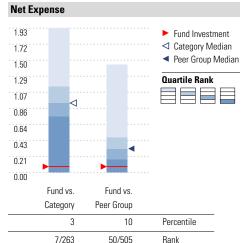
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.97	_	0.98
Beta	0.94	_	0.95
R-Squared	98.92	_	98.41
Standard Deviation	13.78	14.58	13.97
Sharpe Ratio	0.46	0.40	0.46
Tracking Error	1.68	_	2.04
Information Ratio	0.40	_	0.47
Up Capture Ratio	97.46	_	98.75
Down Capture Ratio	93.03	-	94.39

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	16.84	17.69
Price/Book Ratio	2.42	2.35	2.57
Avg Eff Duration	6.84	-	7.46



# **Vanguard Target Retirement 2035 Fund** VTTHX

### Morningstar Category Target-Date 2035

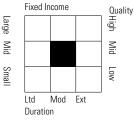
**Morningstar Index** Morningstar Lifetime Mod 2035 TR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



## Style Breakdown

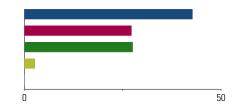


Value Blend Growth

>50 25-50 10-25 0-10

Weight %

### Asset Allocation as of 06-30-2023



Total	100.00	100.00
Other	0.03	12.14
Cash	2.61	2.13
Bonds	27.48	22.31
Non-US Stocks	27.17	22.19
US Stocks	42.70	41.24
Asset Class	Net %	Cat%

	g . <b>g</b>		Б .	0 .	-		- D I		По					
		Fund	Bmark	Cat	Fund	' I	Benchi	mark	Categ	ory Ave	erage			
Դ	Cyclical	33.72	37.08	33.90										
Å.	Basic Materials	4.59	4.67	4.38			_							
A	Consumer Cyclical	11.20	10.67	10.87										
<del>,</del>	Financial Services	14.80	14.49	14.70										
ıπ	Real Estate	3.13	7.25	3.95		<b>I</b> []	'							_
W	Sensitive	44.88	42.10	44.00										
	Communication Services	6.82	6.17	6.70										
ð	Energy	4.58	4.54	4.62										
Ф	Industrials	11.58	11.96	11.03										
	Technology	21.90	19.43	21.65										
<b>→</b>	Defensive	21.39	20.80	22.08										
Ħ	Consumer Defensive	6.77	6.46	6.73										
+	Healthcare	11.88	11.44	12.56										
•	Utilities	2.74	2.90	2.79										
					0%	5	10	15	20	25	30	35	40	4

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	42.99	42.99	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	27.91	70.90	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	19.55	90.45	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	8.28	98.73	_	_
	-	1.27	99.99	-	-
─ Us Dollar	_	0.01	100.00	-	_

### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

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

### Portfolio Manager(s)

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

### **Quantitative Screens**

Q Performance: The fund has finished in the Target-Date
 2040 category's top three quartiles in 9 of the 10 years it's
 been in existence.

Management: The fund's management has been in place for 10.36 years.

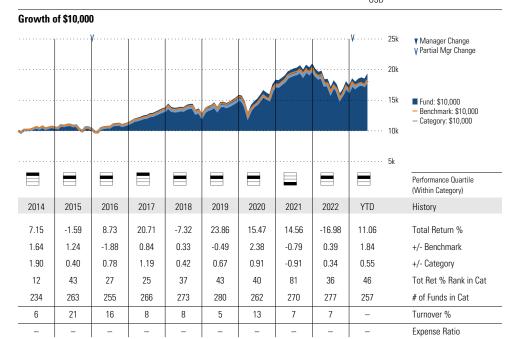
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2040 category average.

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

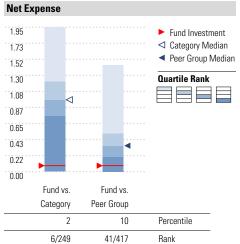
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.58	_	0.57
Beta	0.94	_	0.97
R-Squared	98.88	-	98.41
Standard Deviation	14.76	15.58	15.20
Sharpe Ratio	0.51	0.48	0.51
Tracking Error	1.80	-	2.10
Information Ratio	0.11	-	0.25
Up Capture Ratio	96.75	-	99.54
Down Capture Ratio	94.52	-	97.55

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.22	16.66	17.66
Price/Book Ratio	2.43	2.32	2.57
Avg Eff Duration	6.83	_	8.04



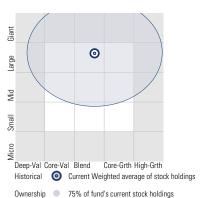
# Vanguard Target Retirement 2040 Fund VFORX

Quality High

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

### Style Analysis as of 06-30-2023

Morningstar Style Box™



## Style Breakdown

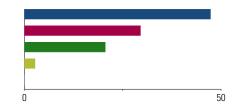
Equity				Fixed In	come
18	25	28	Large		
6	10	5	Mid		
2	3	2	Small		
Value	Rlend	Growth		Ltd	hoM

Value Blend Growth

Μid Low Mod Ltd Duration

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

### Asset Allocation as of 06-30-2023



Asset Class Net % Cat% US Stocks 47.30 47.61 Non-US Stocks 29.48 25.98 Bonds 20.52 13.47 Cash 2.65 1.66 Other 0.04 11.27 100.00 100.00 Total

		Fund	Bmark	Cat	Fund		Benchr	oork	Cateo	on, Aug	rogo		
_					runu		Dencin	IIdik	Galet	JULY AVE	aye		
b	Cyclical	33.67	37.05	33.97		•						_	
a.	Basic Materials	4.56	4.76	4.37									
4	Consumer Cyclical	11.20	10.75	10.95									
£	Financial Services	14.77	14.65	14.71									
ŧ	Real Estate	3.14	6.89	3.94									_
MI	Sensitive	44.93	42.13	43.91									
d	Communication Services	6.83	6.16	6.64									
	Energy	4.57	4.59	4.59									
ф	Industrials	11.56	12.08	11.17									
3	Technology	21.97	19.30	21.51					)				
<b>→</b>	Defensive	21.40	20.81	22.11									
	Consumer Defensive	6.77	6.49	6.71									
٠	Healthcare	11.90	11.41	12.64									
0	Utilities	2.73	2.91	2.76									

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	47.62	47.62	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	30.28	77.90	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	14.74	92.64	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	6.05	98.69	_	_
⊕ Mktliq 12/31/2049	-	1.31	99.99	-	_
⊕ Us Dollar	_	0.01	100.00	_	_

Total Holdings 6

## Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category** Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 10.36 years.

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

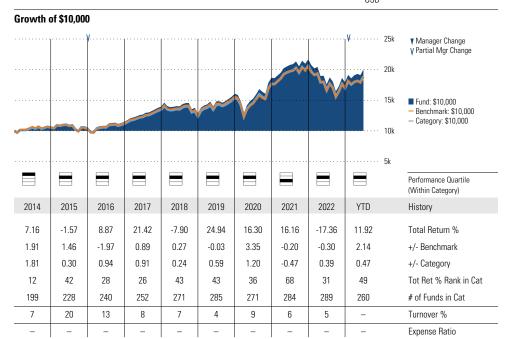
Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2045 category average.

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

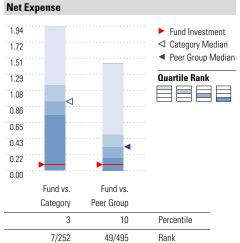
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







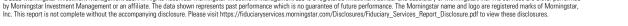
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

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3-Year RISK Wellics			
	Fund	Bmark	Cat
Alpha	0.57	_	0.32
Beta	0.97	_	0.98
R-Squared	98.82	_	98.38
Standard Deviation	15.79	16.24	15.96
Sharpe Ratio	0.55	0.52	0.54
Tracking Error	1.80	_	2.17
Information Ratio	0.18	_	0.12
Up Capture Ratio	99.46	_	99.96
Down Capture Ratio	97.63	_	99.40

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.23	16.50	17.62
Price/Book Ratio	2.43	2.29	2.54
Avg Eff Duration	6.82	_	8.99



Rank



# Vanguard Target Retirement 2045 Fund VTIVX

Quality High MidLow

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

### Style Analysis as of 06-30-2023

Morningstar Style Box™



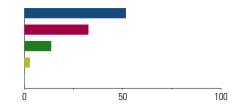
### Style Breakdown

Equity				Fixed Ir	come
18	25	28	Large		
6	10	5	Mid		
2	3	2	Small		
Value	Rlend	Growth		Ltd	Mod

Duration

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

### Asset Allocation as of 06-30-2023



Asset Class Net % Cat% US Stocks 51.45 51.33 Non-US Stocks 32.39 28.19 Bonds 13.45 7.89 Cash 2.65 1.45 Other 0.04 11.14 100.00 Total 100.00

<b>5</b> ec	ctor Weighting as of 06-	30-2023												
		Fund	Bmark	Cat	Fund	d '	Bench	ımark	Cateo	jory Ave	erage	,	,	
Դ	Cyclical	33.18	37.17	34.15										
A	Basic Materials	4.52	4.86	4.42			_							
A	Consumer Cyclical	10.74	10.80	10.94				<u>:</u>						
<del>,</del>	Financial Services	14.75	14.79	14.66										
ŵ	Real Estate	3.17	6.72	4.13		• [] · '								
W	Sensitive	44.84	42.06	43.74										
d	Communication Services	7.02	6.13	6.64										
•	Energy	4.53	4.60	4.55										
₽	Industrials	11.24	12.19	11.09				<b>'</b>						
	Technology	22.05	19.14	21.46										
<b>→</b>	Defensive	21.97	20.78	22.12										
Ħ	Consumer Defensive	6.93	6.50	6.75										
+	Healthcare	12.22	11.36	12.63			1							
•	Utilities	2.82	2.92	2.74										
					0%	5	10	15	20	25	30	35	40	45

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Total Stock Mkt Idx Instl Pls	_	52.05	52.05	_	_
Vanguard Total Intl Stock Index Inv	_	33.06	85.11	_	_
Vanguard Total Bond Market II Idx Inv	_	9.74	94.85	_	_
① Vanguard Total Intl Bd II Idx Insl	_	3.86	98.71	_	-
─ Mktliq 12/31/2049	-	1.29	100.00	-	-
<ul><li>⊖ Us Dollar</li></ul>	-	0.00	100.00	-	-

### Total Holdings 6



## Vanguard Target Retirement 2050 Fund VFIFX

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

### Portfolio Manager(s)

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

### **Quantitative Screens**

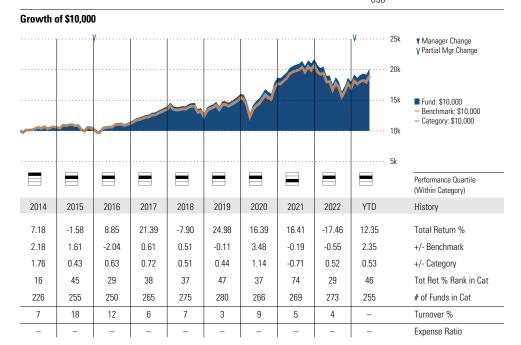
- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2050 category average.

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

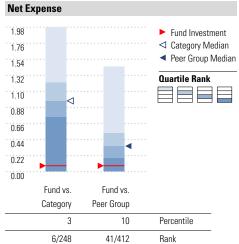
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

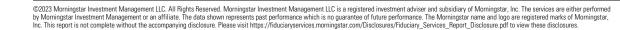






3-1 car nisk wienics			
	Fund	Bmark	Cat
Alpha	0.42	_	0.18
Beta	0.97	_	0.98
R-Squared	98.73	_	98.25
Standard Deviation	16.06	16.51	16.35
Sharpe Ratio	0.56	0.54	0.54
Tracking Error	1.89	_	2.22
Information Ratio	0.08	_	0.04
Up Capture Ratio	99.39	_	100.57
Down Capture Ratio	98.40	_	100.75
		_	

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.20	16.35	17.63
Price/Book Ratio	2.42	2.26	2.54
Avg Eff Duration	6.83	-	10.12





# Vanguard Target Retirement 2050 Fund VFIFX

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

### Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

Equity

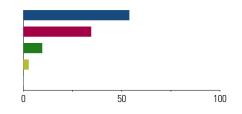
Lquity			
18	25	28	Large
6	10	5	Mid
2	3	2	Small

Value Blend Growth



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

### Asset Allocation as of 06-30-2023





		Fund	Bmark	Cat	Fund		Benchr	mark	Categ	on, Aug	rogo			
_					run	1 '	benchi	IIark	[] Categ	Ory Ave	rage			
<u></u>	Cyclical	33.22	37.35	34.43		,	1					<b>■</b> U <sub>i</sub>		
A.	Basic Materials	4.53	4.93	4.40										
A	Consumer Cyclical	10.74	10.84	10.93										
<del>,</del>	Financial Services	14.78	14.89	14.67										
<b>fi</b>	Real Estate	3.17	6.69	4.43		ı [								_
W	Sensitive	44.81	41.94	43.54										
	Communication Services	7.02	6.10	6.56										
•	Energy	4.53	4.62	4.50										
Ф	Industrials	11.26	12.26	11.14										
	Technology	22.00	18.96	21.34										
<b>→</b>	Defensive	21.97	20.70	22.02										
Ħ	Consumer Defensive	6.93	6.50	6.71										
+	Healthcare	12.21	11.29	12.60										
•	Utilities	2.83	2.91	2.71										
					0%	5	10	15	20	25	30	35	40	45

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	54.33	54.33	_	_
① Vanguard Total Intl Stock Index Inv	-	35.04	89.37	_	-
① Vanguard Total Bond Market II Idx Inv	-	6.76	96.13	_	-
① Vanguard Total Intl Bd II Idx Insl	-	2.74	98.87	_	-
	-	1.12	99.99	-	_
<ul><li>⊖ Us Dollar</li></ul>	-	0.01	100.00	_	-

### Total Holdings 6



## Vanguard Target Retirement 2055 Fund VFFVX

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

Expense Ratio

### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz 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 10.36 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**

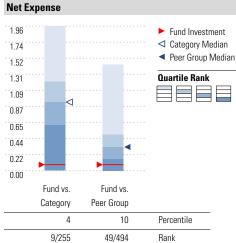
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year RISK Wellics			
	Fund	Bmark	Cat
Alpha	0.43	_	0.25
Beta	0.96	_	0.99
R-Squared	98.68	_	98.16
Standard Deviation	16.07	16.58	16.50
Sharpe Ratio	0.56	0.54	0.55
Tracking Error	1.95	_	2.25
Information Ratio	0.07	-	0.08
Up Capture Ratio	99.17	_	101.37
Down Capture Ratio	98.20	-	101.40

ınd Bmark	Cat
.17 16.22	17.33
.41 2.23	2.50
.83 –	10.83
	,



# Vanguard Target Retirement 2055 Fund VFFVX

### **Morningstar Category** Target-Date 2055

**Morningstar Index** Morningstar Lifetime Mod 2055 TR USD

### Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

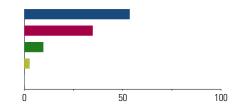
Equity			
18	26	28	Large
6	10	5	Mid
2	3	2	Small
Value	Blend	Growth	

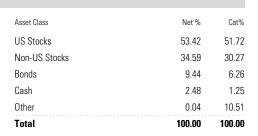


Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2023





Sec	ctor Weighting as of 06-	30-2023												
		Fund	Bmark	Cat	Fund	•	Benchma	ırk	Categ	ory Ave	erage			
<u></u>	Cyclical	33.27	37.62	34.52									1	
A.	Basic Materials	4.56	5.00	4.56		0								
A	Consumer Cyclical	10.75	10.86	10.98				1						
<del>,</del>	Financial Services	14.79	14.99	14.98				ĺ						
命	Real Estate	3.17	6.77	4.00		· '								
W	Sensitive	44.79	41.77	43.93										
d	Communication Services	7.01	6.06	6.64										
•	Energy	4.55	4.63	4.68		ď								
Ф	Industrials	11.27	12.33	11.28										
	Technology	21.96	18.75	21.33										
<b>→</b>	Defensive	21.95	20.62	21.55										
Ħ	Consumer Defensive	6.93	6.50	6.58										
٠	Healthcare	12.19	11.21	12.34										
•	Utilities	2.83	2.91	2.63										
					0%	5	10	15	20	25	30	35	40	45

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	_	54.03	54.03	_	_
◆ Vanguard Total Intl Stock Index Inv	-	35.32	89.36	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	6.79	96.15	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.76	98.91	_	_
	-	1.08	99.99	_	_
⊕ Us Dollar	_	0.01	100.00	_	_

### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

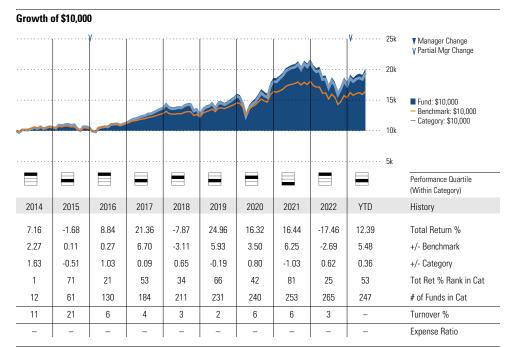
- Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.36 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

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

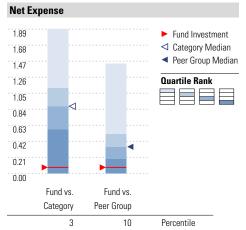
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



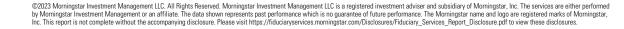




	7/241	40/409	Rank	
Peer group	is a subset of the	e category a	nd includes fund	ls with the
same mana	agement style (ac	tive vs. pass	sive) and similar	share class
charactorio	tice			

3- Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	3.20	_	3.15
Beta	1.30	_	1.33
R-Squared	98.27	_	97.19
Standard Deviation	16.05	12.25	16.54
Sharpe Ratio	0.56	0.33	0.55
Tracking Error	4.23	_	4.93
Information Ratio	1.11	_	0.96
Up Capture Ratio	142.76	_	146.36
Down Capture Ratio	125.83	_	130.07

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.13	16.12	17.31
Price/Book Ratio	2.40	2.19	2.46
Avg Eff Duration	6.83	-	10.07





# **Vanguard Target Retirement 2060 Fund** VTTSX

Quality High Mid Low

Asset Allocation as of 06-30-2023

50

#### **Morningstar Category Morningstar Index** Target-Date 2060 Morningstar Mod Tgt Risk TR USD

0.04

100.00

15.50

100.00

### Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

Fauity

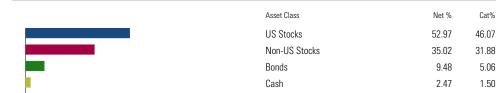
Weight %

Lquity				I IAGU II	ICOIIIC		
18	26	28	Large				
6	10	5	Mid				
2	3	2	Small				
Value	Blend	Growth		Ltd	Mod	Ext	

Fixed Income

Duration

>50 25-50 10-25 0-10



100

Other

Total

		Fund	Bmark	Cat
÷	Cyclical	33.33	38.67	35.04
i.	Basic Materials	4.58	5.25	4.86
•	Consumer Cyclical	10.75	10.89	10.96
<u></u>	Financial Services	14.83	15.66	14.66
<b>fi</b>	Real Estate	3.17	6.87	4.56
M	Sensitive	44.74	39.27	42.84
₫	Communication Services	7.00	6.03	6.44
	Energy	4.55	4.88	4.61
\$	Industrials	11.31	12.22	11.54
	Technology	21.88	16.14	20.25
<b>→</b>	Defensive	21.94	22.07	22.12
=	Consumer Defensive	6.94	6.92	6.79
٠	Healthcare	12.17	11.82	12.76
•	Utilities	2.83	3.33	2.57

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	53.57	53.57	_	_
◆ Vanguard Total Intl Stock Index Inv	-	35.77	89.35	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	6.81	96.16	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.77	98.93	_	-
	-	1.06	99.98	_	_
① Us Dollar	_	0.02	100.00	-	_

### Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category Target-Date 2065+

Morningstar Index

Morningstar Mod Tgt Risk TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- × Performance: The fund has finished in the Target-Date 2065+ category's top three quartiles in 3 of the 5 years it's been in existence.
- Management: The fund's management has been in place for 5.97 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.

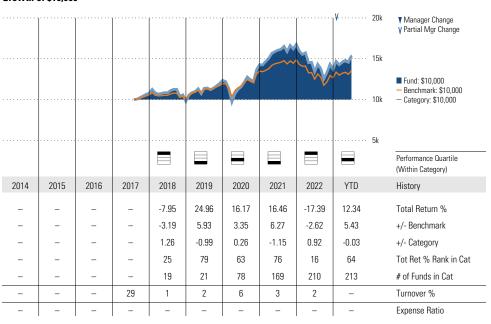
#### **Morningstar Investment Management LLC Analysis**

This fund fails our performance consistency screen but we maintain our long-term conviction in this target-date series and continue to be comfortable recommending it for retirement plans.

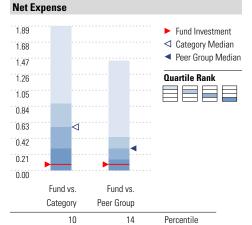
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000





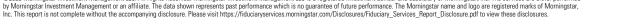


	25/245	61/437	Rank			
Peer grou	p is a subset of	the category an	ıd includes fun	ds with the		
same management style (active vs. passive) and similar share class						
character	istics.					

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3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	3.21	-	3.21
Beta	1.30	-	1.36
R-Squared	98.26	-	97.52
Standard Deviation	16.05	12.25	16.87
Sharpe Ratio	0.56	0.33	0.55
Tracking Error	4.23	_	5.15
nformation Ratio	1.11	_	0.95
Jp Capture Ratio	142.77	_	149.16
Down Capture Ratio	125.82	_	132.53

Fund	Bmark	Cat
17.12	16.12	17.16
2.40	2.19	2.42
6.84	_	10.51
	17.12	17.12 16.12 2.40 2.19





# Vanguard Target Retirement 2065 Fund VLXVX

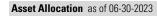
#### **Morningstar Category Morningstar Index** Target-Date 2065+

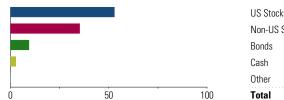
Morningstar Mod Tgt Risk TR USD

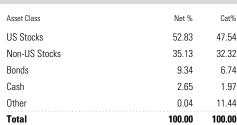
Style Analysis as of 06-30-2023

Morningstar Style Box™









### Style Breakdown

Equity				Fixed In	icome		Qual
18	26	28	Large				High
6	10	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod n	Ext	

Fixed In	come	Quality
		High
		Mid
		Low

Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	•	Benchr	mark	Categ	ory Ave	rage	_
ŀ	Cyclical	33.35	38.67	34.36								1
i.	Basic Materials	4.60	5.25	4.75								
4	Consumer Cyclical	10.75	10.89	10.86								
₽	Financial Services	14.83	15.66	14.77								
ŧ	Real Estate	3.17	6.87	3.98		0						
MI	Sensitive	44.71	39.27	43.85								-
d	Communication Services	6.99	6.03	6.75								
	Energy	4.55	4.88	4.60								
¢	Industrials	11.31	12.22	11.40								
	Technology	21.86	16.14	21.10								
<b>→</b>	Defensive	21.94	22.07	21.80								
	Consumer Defensive	6.94	6.92	6.86								
٠	Healthcare	12.17	11.82	12.27								
•	Utilities	2.83	3.33	2.67		· :						

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	53.43	53.43	_	_
◆ Vanguard Total Intl Stock Index Inv	-	35.89	89.32	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	6.64	95.95	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.81	98.76	_	_
	-	1.22	99.98	-	_
⊕ Us Dollar	_	0.02	100.00	-	_

### Total Holdings 6



## Vanguard Target Retirement 2070 Fund VSVNX

#### Morningstar Category Target-Date 2065+

Morningstar Index

### Morningstar Mod Tgt Risk TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

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

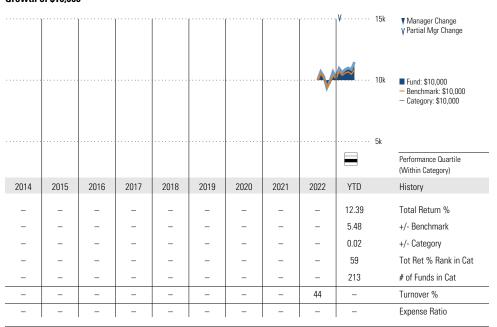
### **Morningstar Investment Management LLC Analysis**

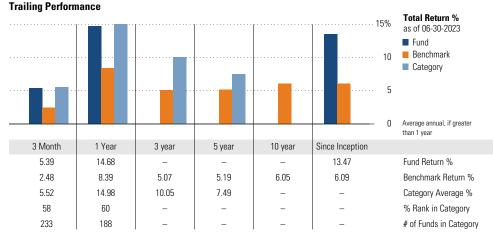
This fund fails the manager tenure screen due to a limited history for this target-date vintage.

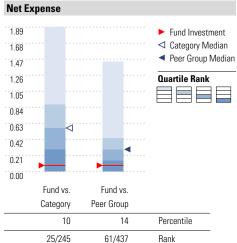
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	3.21
Beta	-	-	1.36
R-Squared	-	-	97.52
Standard Deviation	-	12.25	16.87
Sharpe Ratio	-	0.33	0.55
Tracking Error	-	-	5.15
Information Ratio	-	-	0.95
Up Capture Ratio	-	-	149.16
Down Capture Ratio	_	-	132.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.14	16.12	17.16
Price/Book Ratio	2.40	2.19	2.42
Avg Eff Duration	6.84	_	10.51

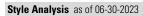


# Vanguard Target Retirement 2070 Fund VSVNX

Quality

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™

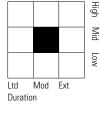


### Style Breakdown

Equity 28 18 26 5 10 6

Large Mid2 3 2

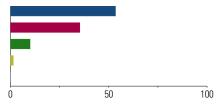
Value Blend Growth



Fixed Income

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

# Asset Allocation as of 06-30-2023



Total	100 00	100 00
Other	0.04	11.44
Cash	1.41	1.97
Bonds	9.91	6.74
Non-US Stocks	35.24	32.32
US Stocks	53.39	47.54
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2023			
		Fund	Bmark	Cat	Fund Fenchmark Category Average
ሁ	Cyclical	33.32	38.67	34.36	
A	Basic Materials	4.58	5.25	4.75	
A	Consumer Cyclical	10.75	10.89	10.86	
<b>P</b>	Financial Services	14.82	15.66	14.77	
命	Real Estate	3.17	6.87	3.98	
W	Sensitive	44.73	39.27	43.85	
d	Communication Services	6.99	6.03	6.75	
•	Energy	4.55	4.88	4.60	
Ф	Industrials	11.30	12.22	11.40	
	Technology	21.89	16.14	21.10	0
<b>→</b>	Defensive	21.95	22.07	21.80	
Ħ	Consumer Defensive	6.94	6.92	6.86	
+	Healthcare	12.18	11.82	12.27	
•	Utilities	2.83	3.33	2.67	
					0% 5 10 15 20 25 30 35 40 4

<b>Top 6 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	54.00	54.00	_	_
	-	35.99	89.99	_	-
	-	7.02	97.01	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	3.00	100.01	_	-
⊕ Us Dollar	-	0.09	100.10	-	-
⊕ Mktliq 12/31/2049	_	0.09	100.19	_	_

Total Holdings 6

## Vanguard Target Retirement Income Fund VTINX

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

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 10.36 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 86.67% lower than the Target-Date Retirement category average.

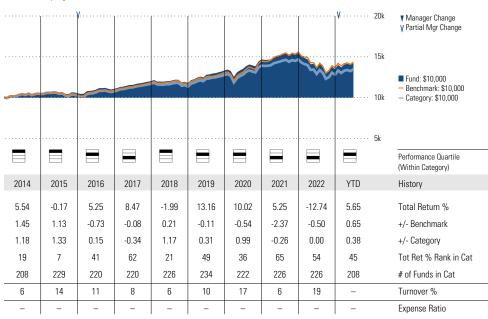
#### **Morningstar Investment Management LLC Analysis**

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

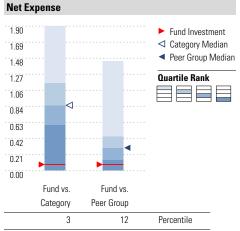
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000







51/428 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-1.02	_	-0.99
Beta	0.89	-	0.94
R-Squared	97.28	_	96.06
Standard Deviation	8.05	8.87	8.52
Sharpe Ratio	0.05	0.20	0.06
Tracking Error	1.62	_	2.00
nformation Ratio	-0.82	_	-0.58
Jp Capture Ratio	85.92	_	90.05
Down Capture Ratio	94.29	_	98.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.11	17.86	17.49
Price/Book Ratio	2.41	2.53	2.40
Avg Eff Duration	5.84	-	6.52



6/201

# Vanguard Target Retirement Income Fund VTINX

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

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

### Style Analysis as of 06-30-2023

Morningstar Style Box™



### Style Breakdown

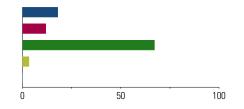
Equity				rixeu ii	icome		Quali
18	26	28	Large				High
6	10	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	

Duration

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2023



Total	100.00	100.00
Other	0.02	13.39
Cash	3.21	4.17
Bonds	67.11	53.57
Non-US Stocks	11.78	9.86
US Stocks	17.88	19.02
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2023												
		Fund	Bmark	Cat	Fund		▼ Bench	mark	[] Categ	jory Ave	rage			
<u></u>	Cyclical	33.83	37.06	36.49										
A.	Basic Materials	4.63	4.17	4.12		Ú								
A	Consumer Cyclical	11.19	10.28	10.23										
æ	Financial Services	14.87	13.68	13.97										
侖	Real Estate	3.14	8.93	8.17										
W	Sensitive	44.80	42.14	42.20										Ō
	Communication Services	6.80	6.30	6.29										
•	Energy	4.60	4.39	4.51										
Ф	Industrials	11.63	11.25	10.37					į					
	Technology	21.77	20.20	21.03										
<b>-</b>	Defensive	21.37	20.81	21.30										
Ħ	Consumer Defensive	6.80	6.36	6.53										
+	Healthcare	11.83	11.58	11.70										
•	Utilities	2.74	2.87	3.07										
					0%	5	10	15	20	25	30	35	40	

<b>Top 7 Holdings</b> as of 06-30-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
◆ Vanguard Total Bond Market II Idx Inv	_	36.32	36.32	_	_
─ Vanguard Total Stock Mkt Idx Instl Pls	_	18.00	54.32	_	_
◆ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	16.60	70.92	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	16.09	87.01	_	_
◆ Vanguard Total Intl Stock Index Inv	-	12.11	99.11	-	-
	-	0.91	100.02	_	_
⊕ Us Dollar	-	0.02	100.05	_	_

### Total Holdings 7

