American Century Ultra® R6 AULDX

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Portfolio Manager(s)

Keith Lee since 12-2008 Jeffrey Bourke since 08-2013 Tong Li since 07-2024

Quantitative Screens

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

Management: The fund's management has been in place for 15.78 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 0.56 is 39.13% lower than the Large Growth category average.

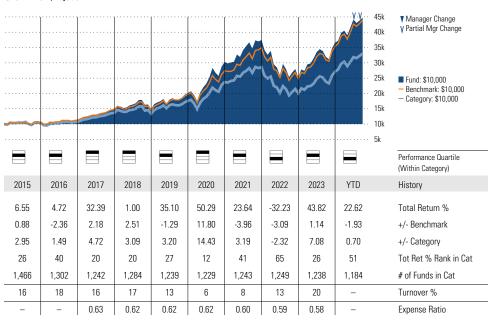
Morningstar Investment Management LLC Analysis

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.

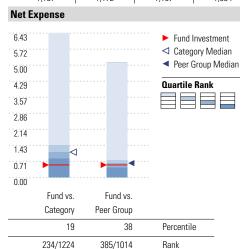
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022

Growth of \$10,000



Trailing Performance Total Return % 45% as of 09-30-2024 ■ Fund 35 Benchmark Category 20 15 10 Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 yea Fund Return % 1.40 40.09 8.90 19.97 16.71 16.90 3.19 42.19 12.02 19.74 16.52 12.29 Benchmark Return % 3 70 38.83 7 39 16 08 13 73 Category Average % 88 48 45 7 % Rank in Category 11 1.197 1.172 1.107 1.034 803 # of Funds in Category



3- Teal hisk wiellies			
	Fund	Bmark	Cat
Alpha	-3.51	-	-4.22
Beta	1.07	-	0.99
R-Squared	98.78	_	92.51
Standard Deviation	22.54	20.85	21.45
Sharpe Ratio	0.32	0.47	0.27
Tracking Error	2.93	_	5.84
Information Ratio	-1.07	_	-0.84
Up Capture Ratio	100.90	_	91.00
Down Capture Ratio	112.24	_	105.24

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	36.89	36.55	35.39
Price/Book Ratio	9.78	12.14	9.26
Geom Avg Mkt Cap \$B	557.84	675.16	541.50
ROE	43.04	44.40	41.06



American Century Ultra® R6 AULDX

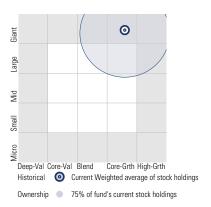
Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

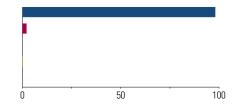
5	44	34	Large
0	3	13	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.00	0.81
Cash	0.11	1.11
Bonds	0.00	0.00
Non-US Stocks	1.93	4.54
US Stocks	97.97	93.54
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ B	enchm <u>a</u>	rk] Cat	egon	γ Ανε	erage			
ŀ	Cyclical	21.09	21.25	23.66											
ė.	Basic Materials	0.86	0.63	1.15											
A	Consumer Cyclical	13.28	14.03	13.31		[
æ	Financial Services	6.95	6.00	8.36											
ŵ	Real Estate	0.00	0.59	0.84	ij										
W	Sensitive	66.23	67.12	61.28											
	Communication Services	13.75	12.80	12.34											
•	Energy	1.12	0.40	0.83	0										
Ф	Industrials	3.35	3.49	6.11											
П	Technology	48.01	50.43	42.00									u'		
—	Defensive	12.67	11.63	15.05											
Ħ	Consumer Defensive	2.87	3.63	2.72		_									
+	Healthcare	9.80	7.78	11.85											
•	Utilities	0.00	0.22	0.48	Ö										

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	12.82	12.82	21.40	Technology
→ NVIDIA Corp	12.27	25.09	145.27	Technology
Microsoft Corp	6.94	32.03	15.03	Technology
Amazon.com Inc	6.27	38.30	22.63	Consumer Cyclical
Alphabet Inc Class C	4.17	42.47	18.92	Communication Svc
Alphabet Inc Class A	3.77	46.25	19.01	Communication Svc
Mastercard Inc Class A	3.75	50.00	16.24	Financial Services
	3.62	53.62	62.15	Communication Svc
Tesla Inc	2.88	56.50	5.29	Consumer Cyclical
⊕ Eli Lilly and Co	2.82	59.32	52.65	Healthcare
⊖ Costco Wholesale Corp	2.22	61.54	34.81	Consumer Defensive
Netflix Inc ■ Netflix Inc Netflix Inc ■ Netflix Inc Netflix Inc	2.17	63.71	45.68	Communication Svc
Chipotle Mexican Grill Inc	2.15	65.86	25.98	Consumer Cyclical
Applied Materials Inc	1.96	67.82	25.36	Technology
→ Fair Isaac Corp	1.82	69.63	66.97	Technology

Total Holdings 66

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



American Funds American Balanced R6 RLBGX

Growth of \$10,000

1.56

20

800

79

2.63

15

786

95

0.28

3.96

3

855

82

3.34

8

807

72

0.28

0.32

48

779

104

0.27

-0.50

57

755

176

0.26

Morningstar Category

Moderate Allocation

0.59

41

764

171

0.25

2.56

16

748

Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

+/- Category

Turnover %

Expense Ratio

Tot Ret % Rank in Cat

of Funds in Cat

Portfolio Manager(s)

Hilda Applbaum since 01-1999
Alan Berro since 03-2006
Paul Benjamin since 07-2014
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
Mathews Cherian since 05-2021
Jin Lee since 03-2023
Chit Purani since 03-2023
Irfan Furniturewala since 05-2023

Quantitative Screens

- Performance: The fund has finished in the Moderate Allocation category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 25.76 years.
- Net Expense: The fund's expense ratio of 0.25 is 75.73% 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	3	08-31-2024
Carbon Risk Score	Low 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) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History 2.03 8 90 15.84 -2 42 19 55 11.22 16.11 -11.83 14.37 14.83 Total Return % 1.30 1.44 1.67 1.56 1.24 -0.78 -3.04 3.74 3.49 -2.38 +/- Benchmark

2.22

28

768

158

0.25

1.81

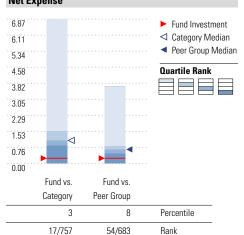
24

771

52

0.25





3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.80	_	-0.52
Beta	0.97	_	0.98
R-Squared	96.82	-	94.15
Standard Deviation	12.13	12.26	12.36
Sharpe Ratio	0.33	0.19	0.13
Tracking Error	2.19	-	2.79
Information Ratio	0.80	-	-0.37
Up Capture Ratio	105.70	-	97.43
Down Capture Ratio	96.92	-	100.97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.22	23.30	23.35
Price/Book Ratio	4.37	3.40	3.53
Avg Eff Duration	5.98	5.94	5.14

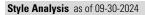


American Funds American Balanced R6 RLBGX

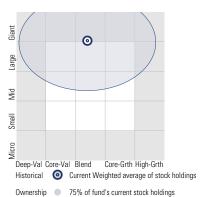
Quality High Mid Low

Morningstar Category Morningstar Index Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD



Morningstar Style Box™



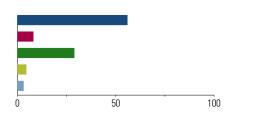
Style Breakdown

Equity				Fixed I	ncome	
23	33	26	Large			
7	6	3	Mid			
0	0	1	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

>50 25-50 10-25 0-10

Weight %



Asset Allocation as of 09-30-2024

Total	100.00	100.00
Other	3.01	3.46
Cash	4.39	3.45
Bonds	28.80	34.48
Non-US Stocks	7.96	9.80
US Stocks	55.84	48.81
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Be	nchma	ark [Cate	gory A	verage		
<u></u>	Cyclical	24.32	31.32	30.20										
A.	Basic Materials	2.77	3.39	3.40		ĺ								
A	Consumer Cyclical	7.02	10.77	9.74										
æ	Financial Services	12.52	14.34	14.45										
命	Real Estate	2.01	2.82	2.61										
W	Sensitive	51.11	48.81	47.98										
	Communication Services	10.34	7.78	7.70										
ð	Energy	4.95	3.70	4.49										
¢	Industrials	10.45	10.20	10.22										
	Technology	25.37	27.13	25.57							'			
—	Defensive	24.57	19.87	21.80										
Ħ	Consumer Defensive	8.34	5.93	5.59			١.							
+	Healthcare	13.16	11.25	13.24			- 1							
0	Utilities	3.07	2.69	2.97										

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash Fund	_	6.14	6.14	_	_
⊕ Broadcom Inc	-	4.68	10.82	55.95	Technology
	_	3.45	14.27	15.03	Technology
⊕ Cap Grp Cent Fd Ser li	-	2.92	17.19	_	_
─ UnitedHealth Group Inc	_	2.10	19.29	12.21	Healthcare
	_	2.08	21.37	62.15	Communication Svc
Philip Morris International Inc	_	1.88	23.26	33.24	Consumer Defensive
🕸 Cash And Other Assets Less Liablities	_	1.85	25.11	_	_
	_	1.81	26.92	68.64	Technology
	_	1.68	28.60	18.92	Communication Svc

Total Holdings 3159

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



American Funds New Perspective R6 RNPGX

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

Expense Ratio

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 23.85 years.

✓ Net Expense: The fund's expense ratio of 0.42 is
60.38% lower than the Global Large-Stock Growth category
average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

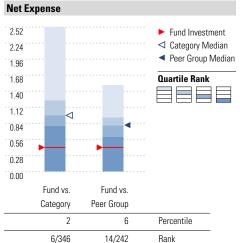
Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 25k 20k ■ Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History 5.63 2.19 29.30 -5.56 30.48 33 81 18.10 -25.61 25.01 18.18 Total Return % 17.56 -0.44 -7.25 -0.48 7.99 -5.67 5.33 3.85 3.88 2.81 +/- Benchmark 0.08 4.37 -0.23-0.922.23 1.14 5.26 2.29 1.37 1.57 +/- Category 16 51 51 31 50 34 28 46 37 43 Tot Ret % Rank in Cat 269 251 304 377 345 # of Funds in Cat 267 289 323 354 366 27 22 28 23 20 26 22 21 17 Turnover %



0.41

0.41

0.42



0.44

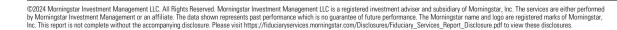
0.44

0.42

0.45

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-3.04	_	-4.77
Beta	1.10	_	1.13
R-Squared	96.39	_	89.30
Standard Deviation	18.55	16.57	20.01
Sharpe Ratio	0.17	0.32	0.11
Tracking Error	3.89	_	6.92
Information Ratio	-0.68	_	-0.63
Up Capture Ratio	102.82	_	100.61
Down Capture Ratio	115.22	_	120.34

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.71	21.79	29.45
Price/Book Ratio	4.00	3.04	5.18
Geom Avg Mkt Cap \$B	179.18	159.41	242.90
ROE	26.07	27.22	31.22



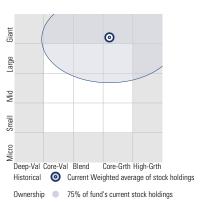


American Funds New Perspective R6 RNPGX

Morningstar CategoryMorningstar IndexGlobal Large-Stock GrowthMSCI ACWI NR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

12	34	43	Luigo
2	2	6	IVIIG
0	0	0	OII GII

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024



	g . g	Funel	Descrit:	Cot	Г	٦	- D-	naha-	П	Cate						
		Fund	Bmark	Cat	Fun	a	▼ Be	nchma	Irk []	Categ	jory Av	erage •				
Դ	Cyclical	27.28	32.41	26.47												
A	Basic Materials	3.96	3.91	2.42			-									
A	Consumer Cyclical	11.98	10.46	11.53			0									
,	Financial Services	10.89	15.78	11.63												
fi	Real Estate	0.45	2.26	0.89	•											
W#	Sensitive	50.66	47.62	54.15												[
	Communication Services	10.99	7.94	9.30												
ð	Energy	2.62	4.03	2.26		7										
Ф	Industrials	14.95	10.00	11.08												
	Technology	22.10	25.65	31.51						7						
→	Defensive	22.05	19.97	19.37												
=	Consumer Defensive	5.17	6.26	4.26												
+	Healthcare	16.18	10.95	14.19			- : '									
•	Utilities	0.70	2.76	0.92												
					0%	5	10	15	20	25	30	35	40	45	50	55

100

World Regions % Equity 09-30-2024



	Fund %	Cat %
Greater Asia	11.96	12.28
Japan	3.66	4.18
Australasia	0.29	0.24
Asia-4 Tigers	5.08	3.80
Asia-ex 4 Tigers	2.93	4.06
Not Classified	0.00	0.00

Americas	Fund % 58.63	Cat % 65.02	Greater Europe	Fund % 29.38	Cat % 22.73	Market Maturity	Fund %
North America	57.32	63.40	United Kingdom	5.62	4.04	Developed Markets	95.42
Central/Latin	1.31	1.62	W euro-ex UK	23.40	18.36	Emerging Markets	4.58
			Emrgng Europe	0.00	0.01	Not Available	0.00
			Africa	0.36	0.32		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Meta Platforms Inc Class A	3.69	3.69	62.15	Communication Svc
	3.34	7.03	15.03	Technology
	3.04	10.07	_	Technology
⇒ Broadcom Inc	2.73	12.80	55.95	Technology
→ Novo Nordisk AS Class B	2.56	15.36	-	Healthcare
⊕ Tesla Inc	2.04	17.40	5.29	Consumer Cyclical
NVIDIA Corp	1.96	19.35	145.27	Technology
AstraZeneca PLC	1.63	20.99	11.52	Healthcare
∋ Eli Lilly and Co	1.51	22.50	52.65	Healthcare
Netflix Inc	1.25	23.75	45.68	Communication Svc

Total Holdings 296

⊕ Increase ⊕ Decrease
★ New to Portfolio

American Funds New World R6 RNWGX

Morningstar Category Diversified Emerging Mkts MSCI EM NR USD

Portfolio Manager(s)

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

Piyada Phanaphat since 01-2020

Matt Hochstetler since 01-2024

Quantitative Screens

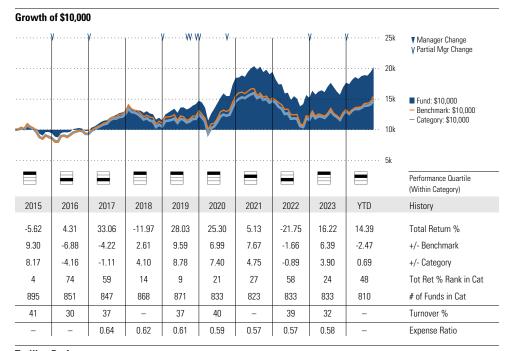
- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 25.31 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.57 is 49.11% lower than the Diversified Emerging Mkts category average.

Morningstar Investment Management LLC Analysis

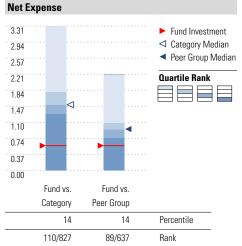
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







o rour mak mounds			
	Fund	Bmark	Cat
Alpha	1.10	_	-1.37
Beta	0.80	_	0.94
R-Squared	77.98	_	87.29
Standard Deviation	15.99	17.63	17.82
Sharpe Ratio	-0.08	-0.11	-0.18
Tracking Error	8.28	_	6.24
Information Ratio	0.12	_	-0.24
Up Capture Ratio	82.96	_	92.28
Down Capture Ratio	79.00	_	98.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.84	15.18	14.86
Price/Book Ratio	3.32	1.81	1.95
Geom Avg Mkt Cap \$B	80.24	47.82	57.84
ROE	23.85	16.40	18.79



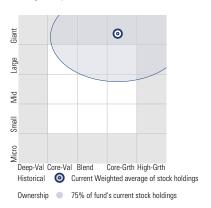


American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

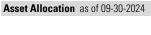
Equity

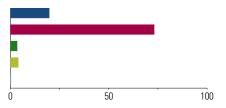
9	33	49	Large
2	3	3	Mid
1	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

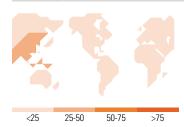




Total	100.00	100.00
Other	0.16	0.06
Cash	3.87	2.19
Bonds	3.30	-0.02
Non-US Stocks	73.04	95.36
US Stocks	19.63	2.42
Asset Class	Net %	Cat%

Sec	tor Weighting as of 09-	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	40.46	44.24	41.55	
A	Basic Materials	6.68	6.72	5.31	
A	Consumer Cyclical	13.36	13.27	12.98	
,	Financial Services	18.63	22.69	21.63	
ŵ	Real Estate	1.79	1.56	1.63	
W	Sensitive	40.09	44.04	46.84	
	Communication Services	9.91	9.97	8.69	
ð	Energy	2.50	4.89	4.92	
Ф	Industrials	11.40	6.95	7.36	
	Technology	16.28	22.23	25.87	
→	Defensive	19.44	11.72	11.62	
-	Consumer Defensive	7.45	5.00	5.82	
٠	Healthcare	10.57	3.82	3.76	
•	Utilities	1.42	2.90	2.04	
					0% 5 10 15 20 25 30 35 40 45 5

World Regions % Equity 09-30-2024



	Fund %	Cat %
Greater Asia	45.97	76.27
Japan	2.63	0.08
Australasia	0.00	0.04
Asia-4 Tigers	9.50	30.03
Asia-ex 4 Tigers	33.84	46.12
Not Classified	0.00	0.00

Americas	Fund % 31.83	Cat % 12.96	Greater Europe	Fund % 22.21	Cat % 10.77	Market Maturity	Fund %
North America Central/Latin	22.67 9.16	2.04 10.92	United Kingdom W euro-ex UK Emrgng Europe Africa	2.91 16.36 0.44 2.50	0.54 1.72 2.13 6.38	Developed Markets Emerging Markets Not Available	54.30 45.70 0.00

Top 10 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.12	4.12	_	_
□ Taiwan Semiconductor Manufacturing Co Ltd	3.56	7.68	_	Technology
⊕ Tencent Holdings Ltd	2.47	10.15	_	Communication Svc
	2.34	12.49	15.03	Technology
⊕ MercadoLibre Inc	1.91	14.41	30.57	Consumer Cyclical
	1.79	16.20	_	Healthcare
	1.48	17.67	62.15	Communication Svc
⊕ Kweichow Moutai Co Ltd Class A	1.32	19.00	3.06	Consumer Defensive
⊕ Broadcom Inc	1.29	20.28	55.95	Technology
○ NVIDIA Corp	1.27	21.56	145.27	Technology

Total Holdings 579

⊕ Increase ⊕ Decrease
★ New to Portfolio



Baird Core Plus Bond Inst BCOIX

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-Plus 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 24.02 years.

Style Consistency is not calculated for Fixed Income funds.

✓ Net Expense: The fund's expense ratio of 0.3 is 59.46% lower than the Intermediate Core-Plus Bond category average.

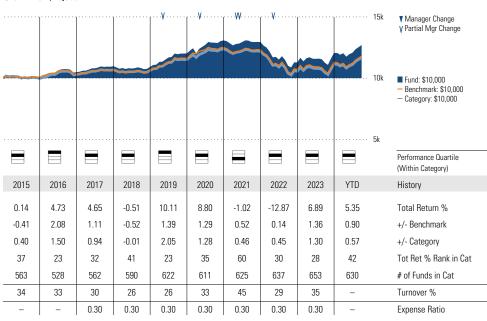
Morningstar Investment Management LLC Analysis

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.

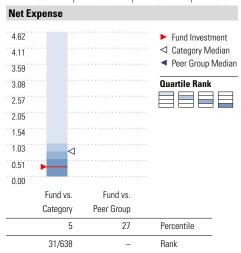
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 year Fund Return % 5.22 12.85 -0.67 1.21 2.58 4.87 5.20 11.57 -1.39 0.33 1.84 6.60 Benchmark Return % 5.05 11 56 -1 39 0.43 1 75 Category Average % 47 34 27 31 19 % Rank in Category 637 618 561 519 365 # of Funds in Category



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

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.72	-	-0.09
Beta	1.00	-	0.98
R-Squared	99.41	-	98.10
Standard Deviation	7.62	7.63	7.55
Sharpe Ratio	-0.57	-0.66	-0.68
Tracking Error	0.59	-	0.96
Information Ratio	1.22	-	-0.25
Up Capture Ratio	100.25	-	97.06
Down Capture Ratio	93.90	-	98.03

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.90	4.43	5.88
Avg Eff Maturity	7.97	-	8.21



Duration

Baird Core Plus Bond Inst BCOIX

Style Analysis as of 09-30-2024

Style Breakdown

Fixed Income

Ouality

Signature

Duality

Fixed Income

Ouality

Fixed Income

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	54.70	3.53	24.71
AA	2.60	74.59	39.01
A	12.30	10.82	22.22
BBB	27.60	8.32	12.31
BB	2.40	0.28	0.62
В	0.10	0.00	0.33
Below B	0.00	0.00	0.12
Not Rated	0.30	2.46	0.68

Asset Allocation as of 09-30-2024 Asset Class Net % Cat% US Stocks 0.01 0.62 Non-US Stocks 0.23 0.00 Bonds 97.47 97.45 Cash 2.50 -0.01 Other 0.02 1.70 50 100 Total 100.00 100.00

Morningstar Category

Intermediate Core Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

	Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	orv Avo	erage		
Government	23.12		30.70							3-		
Treasury	23.12	_	24.87						= [
Inflation - Protected	0.00	_	1.37	i [
Agency/Quasi Agency	0.00	_	0.63	10								
Other Government Related	0.00	_	3.83	į								
Corporate	43.34	_	23.52									
Corporate Bond	43.33	_	23.34									
Bank Loan	0.00	_	0.04									
Convertible	0.01	_	0.00	İ								
Preferred	0.00	_	0.14									
Securitized	30.18	-	39.30									
Agency MBS Pass-Through	16.90	_	28.33									
Agency MBS ARM	0.00	_	0.18									
Agency MBS CMO	1.15	_	1.23									
Non-Agency Residential MBS	1.23	_	0.12									
Commercial MBS	4.05	_	2.27									
Asset-Backed	6.85	_	7.17									
Covered Bond	0.00	_	0.00									
Municipal	0.86	-	1.22									
Cash & Equivalents	2.50	_	4.52		0							
Other	0.00	-	0.75									

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 3.13%	08-2027	2.73	2.73	_
⊕ First American Government Obligs U	02-2030	2.20	4.92	_
⊕ United States Treasury Bonds 3.88%	05-2043	1.97	6.89	_
─ United States Treasury Bonds 3.38%	08-2042	1.83	8.72	_
⊕ United States Treasury Notes 2.75%	05-2029	1.72	10.44	_
United States Treasury Bonds 2.88%	05-2043	1.63	12.07	_
─ United States Treasury Bonds 2.5%	02-2045	1.50	13.57	_
─ United States Treasury Notes 4.38%	08-2026	1.39	14.96	_
─ United States Treasury Notes 1.13%	10-2026	1.31	16.27	_
United States Treasury Bonds 2.88%	05-2052	1.23	17.50	_

Total Holdings 1713

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



Fidelity 500 Index FXAIX

Portfolio Manager(s)

Louis Bottari since 01-2009 Peter Matthew since 08-2012 Robert Regan since 12-2016 Payal Gupta since 06-2019 Navid Sohrabi since 08-2019

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 15.67 years.
- Net Expense: The fund's expense ratio of 0.02 is 97.26% 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	08-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

Morningstar Category

Morningstar Index S&P 500 TR USD

35k

30k

25k

20k

15k

10k

Large Blend

▼ Manager Change ∨ Partial Mgr Change





Expense Ratio

									JK	
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
1.38	11.97	21.81	-4.40	31.47	18.40	28.69	-18.13	26.29	22.06	Total Return %
0.00	0.01	-0.02	-0.02	-0.02	0.00	-0.02	-0.02	0.00	-0.02	+/- Benchmark
2.45	1.60	1.37	1.87	2.69	2.57	2.62	-1.17	3.97	2.71	+/- Category
20	26	28	25	23	37	23	51	26	22	Tot Ret % Rank in Cat
1,548	1,448	1,429	1,437	1,446	1,443	1,463	1,486	1,497	1,517	# of Funds in Cat
1	Б	Б	1	1	1	7	2	2	2	Turnovor %

Trailing Performance Total Return % 40% as of 09-30-2024 ■ Fund 30 Benchmark Category 20 15 10 5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 5.88 36.33 11.90 15.96 13.37 13.60 11.13 Benchmark Return % 5.89 36.35 11.91 15.98 13.38 5.94 32 84 10 14 14 30 11.83 Category Average % 48 23 20 19 8 % Rank in Category 1.546 1.497 1.348 1.236 919 # of Funds in Category

0.02

0.02

0.02

Net Expe	ense		
4.87			► Fund Investment
4.33			Category Median
3.79			 Peer Group Median
3.25			Quartile Rank
2.71			
2.16			
1.62			
1.08	4		
0.54			
0.00			
	Fund vs.	Fund vs.	
(Category	Peer Group	
	4	21	Percentile
	61/1559	115/552	Rank

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

3-1 cai misk menics			
	Fund	Bmark	Cat
Alpha	-0.01	_	-1.07
Beta	1.00	_	0.94
R-Squared	100.00	_	94.38
Standard Deviation	17.52	17.53	16.95
Sharpe Ratio	0.52	0.52	0.42
Tracking Error	0.01	_	3.71
Information Ratio	-1.30	_	-1.34
Up Capture Ratio	99.95	_	92.03
Down Capture Ratio	99.99	_	96.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.47	27.50	26.80
Price/Book Ratio	4.80	4.80	5.15
Geom Avg Mkt Cap \$B	327.41	328.12	362.94
ROE	33.77	33.77	33.76



Growth of \$10,000

W

0.02

0.02

0.02

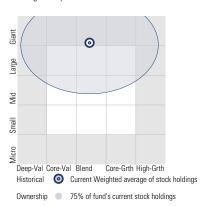
0.02

V WV

Fidelity 500 Index FXAIX

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

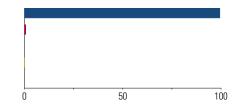
22	40	20	Large
6	9	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.00	0.96
Cash	0.01	0.37
Bonds	0.00	0.34
Non-US Stocks	0.60	2.42
US Stocks	99.39	95.93
Asset Class	Net %	Cat%

Morningstar Index

S&P 500 TR USD

Morningstar Category

Large Blend

Sec	ctor Weighting as of 09-3	30-2024			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	27.10	27.13	27.70	
A	Basic Materials	1.99	2.00	2.54	
A	Consumer Cyclical	10.29	10.30	9.74	
,	Financial Services	12.48	12.49	13.42	
命	Real Estate	2.34	2.34	2.00	
W	Sensitive	52.72	52.68	51.46	
0	Communication Services	8.86	8.87	8.40	
•	Energy	3.31	3.31	3.56	
Ф	Industrials	7.58	7.59	9.69	
	Technology	32.97	32.91	29.81	
→	Defensive	20.16	20.18	20.82	
Ħ	Consumer Defensive	5.87	5.88	5.89	
+	Healthcare	11.62	11.63	12.54	
•	Utilities	2.67	2.67	2.39	
					0% 5 10 15 20 25 30 35 40 45 50 5

Top 15 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	7.27	7.27	21.40	Technology
	6.56	13.83	15.03	Technology
→ NVIDIA Corp	6.13	19.95	145.27	Technology
⊕ Amazon.com Inc	3.57	23.52	22.63	Consumer Cyclical
	2.56	26.09	62.15	Communication Svc
	1.99	28.08	19.01	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.73	29.81	29.05	Financial Services
	1.65	31.46	18.92	Communication Svc
⊕ Broadcom Inc	1.65	33.10	55.95	Technology
∃ Tesla Inc ■ Tes	1.49	34.59	5.29	Consumer Cyclical
	1.43	36.02	52.65	Healthcare
→ JPMorgan Chase & Co	1.23	37.26	25.93	Financial Services
⊕ UnitedHealth Group Inc	1.11	38.36	12.21	Healthcare
⊕ Exxon Mobil Corp	1.07	39.43	20.09	Energy
⊕ Visa Inc Class A	0.94	40.37	6.21	Financial Services

Total Holdings 508

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



Invesco Balanced-Risk Commodity Strat R6 IBRFX

Morningstar Category Commodities Broad Basket

Morningstar Index

Bloomberg Commodity TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 13.84 years.

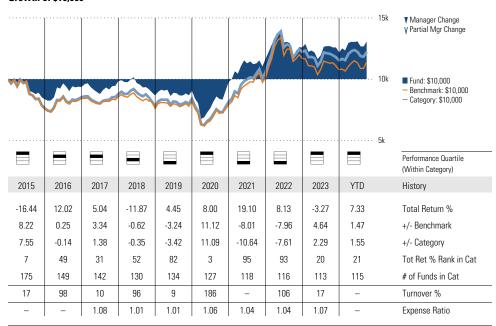
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.14 is 12.87% higher than the Commodities Broad Basket category average.

Morningstar Investment Management LLC Analysis

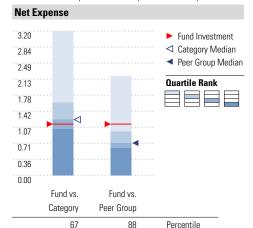
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



Trailing Performance





82	2/121	70/80	Rank					
Peer group is a subset of the category and includes funds with the								
same management style (active vs. passive) and similar share class								
characteristics								

3- Tear hisk Wellics			
	Fund	Bmark	Cat
Alpha	2.26	_	1.47
Beta	0.71	_	0.96
R-Squared	82.11	-	88.68
Standard Deviation	11.98	15.31	15.55
Sharpe Ratio	0.15	0.06	0.14
Tracking Error	6.75	-	4.85
Information Ratio	0.20	-	0.04
Up Capture Ratio	74.70	-	95.40
Down Capture Ratio	63.47	-	88.21

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



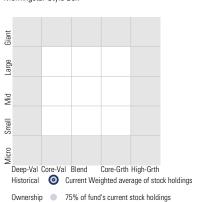


Invesco Balanced-Risk Commodity Strat R6 IBRFX

 Morningstar Category
 Morningstar Index

 Commodities Broad Basket
 Bloomberg Commodity TR USD









Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fun	d	▼ Be	enchma	ırk [Cate	gory Av	erage		
Ն	Cyclical	-	-	44.68										
ů.	Basic Materials	_	_	44.68										
4	Consumer Cyclical	_	_	0.00	ĺ									
,	Financial Services	_	_	0.00	0									
ŧ	Real Estate	_	_	0.00	0									
M	Sensitive	-	-	51.07										
₫	Communication Services	_	_	0.00	ĺ									
ð	Energy	_	_	48.94										
¢	Industrials	_	_	2.13										
	Technology	_	_	0.00	ĺ									
→	Defensive	-	-	4.26										
	Consumer Defensive	_	_	4.26										
٠	Healthcare	_	_	0.00	ĺ									
•	Utilities	_	_	0.00										

Top 11 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Shrt-Trm Inv Treasury InstI	27.24	27.24	_	_
∋ Invesco Cayman Commodity Fund Iii Hf Hedge	22.74	49.99	_	-
Ð Invesco Shrt-Trm Inv Gov&Agcy Instl	14.74	64.73	_	-
United States Treasury Notes 4.71201%	6.81	71.54	_	_
Bank of Montreal 0.1%	6.64	78.18	-	-
United States Treasury Notes 4.80701%	6.57	84.74	_	_
United States Treasury Notes 4.74401%	6.48	91.22	_	-
Barclays Bank plc 0.1%	3.11	94.33	_	_
Societe Generale S.A. 0.1%	2.84	97.17	_	-
Royal Bk Cda Medium Term Sr Bk Nts 144A 0.1%	2.55	99.72	-	-
⊕ Usd Currency Cash	0.28	100.00	_	_

Total Holdings 11

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



PGIM High Yield R6 PHYQX

Morningstar Category High Yield Bond

Morningstar Index

ICE BofA US High Yield TR USD

Portfolio Manager(s)

Robert Spano since 10-2007 Ryan Kelly since 02-2012 Brian Clapp since 06-2013 Robert Cignarella since 03-2014 Michael Gormally since 04-2022 Brian Lalli since 03-2023

Quantitative Screens

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

Management: The fund's management has been in place for 16.97 years.

Style Consistency is not calculated for Fixed Income funds.

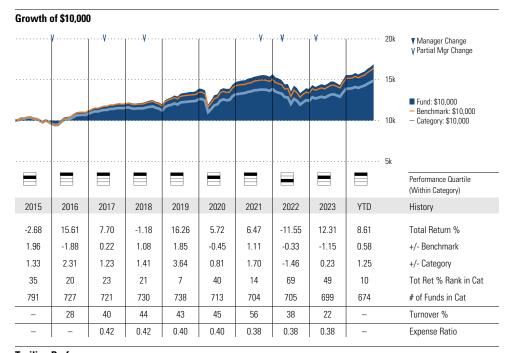
Net Expense: The fund's expense ratio of 0.38 is 57.3% lower than the High Yield Bond category average.

Morningstar Investment Management LLC Analysis

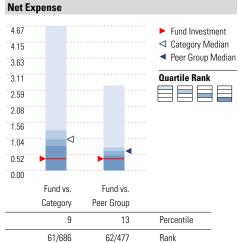
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	08-31-2024







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 Wietrics			
	Fund	Bmark	Cat
Alpha	-0.18	-	0.02
Beta	0.96	-	0.89
R-Squared	98.63	-	94.57
Standard Deviation	8.34	8.62	7.84
Sharpe Ratio	-0.09	-0.05	-0.09
Tracking Error	1.03	-	1.90
nformation Ratio	-0.29	-	-0.35
Jp Capture Ratio	98.62	-	88.54
Down Capture Ratio	101.16	-	88.27

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.04	-	3.05
Avg Eff Maturity	5.18	-	4.96



PGIM High Yield R6 PHYQX

Style Analysis as of 09-30-2024
Style Breakdown
Fixed Income

Quality

Given the state of the st

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	5.20	-	2.74
AA	0.00	-	1.70
A	0.25	_	0.91
BBB	5.26	_	5.62
BB	45.86	_	31.37
В	24.84	_	33.40
Below B	12.30	_	21.98
Not Rated	6.29	_	2.28

High Yield Bond ICE BofA US High Yield TR USD Asset Allocation as of 09-30-2024 Asset Class Net % Cat% US Stocks 0.68 1.34 Non-US Stocks 0.60 0.03 Bonds 94.20 92.86 Cash 1.80 4.85 Other 2.05 1.58 50 100 Total 100.00 100.00

Morningstar Category

Morningstar Index

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 8590

	Fund	Bmark	Cat	Fund	 Benchmark 	Category A	verage		
Government	4.31	_	2.47						
Treasury	4.29	_	1.12						
Inflation – Protected	0.00	_	0.00						
Agency/Quasi Agency	0.00	_	0.00	0					
Other Government Related	0.02	_	1.35	0					
Corporate	89.53	_	89.19						
Corporate Bond	84.17	_	86.65						
Bank Loan	4.11	_	1.71						
Convertible	0.00	_	0.46						
Preferred	1.25	_	0.37	D					
Securitized	1.34	-	1.55						
Agency MBS Pass-Through	0.00	_	0.12	0					
Agency MBS ARM	0.00	_	0.00						
Agency MBS CMO	0.00	_	0.06	Ò					
Non-Agency Residential MBS	0.00	_	0.05						
Commercial MBS	0.10	_	0.22						
Asset-Backed	1.24	_	1.10	0					
Covered Bond	0.00	_	0.00						
Municipal	0.00	_	0.04						
Cash & Equivalents	2.17	_	6.18						
Other	2.65	_	0.57						

Top 10 Holdings as of 09-30-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Prudential Govt Money Mkt Fd	_	1.64	1.64	_
United States Treasury Notes 3.875%	11-2027	1.56	3.20	-
→ PGIM Ultra Short Bond ETF	_	1.20	4.39	-
Medline Borrower LP 3.875%	04-2029	0.90	5.29	-
Calpine Corporation 5.125%	03-2028	0.85	6.14	-
DISH DBS Corporation 7.75%	07-2026	0.78	6.92	_
United States Treasury Notes 4.25%	12-2025	0.77	7.69	-
United States Treasury Notes 4.625%	06-2026	0.77	8.46	-
Ferrellgas Escrow Llc 3/30/31 Preferred	03-2031	0.69	9.14	-
Bausch Health Companies Inc. 6.25%	02-2029	0.61	9.76	_

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

Total Holdings 822



PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index

d Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 10.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.75 is 7.14% higher than the Global Bond-USD Hedged category average.

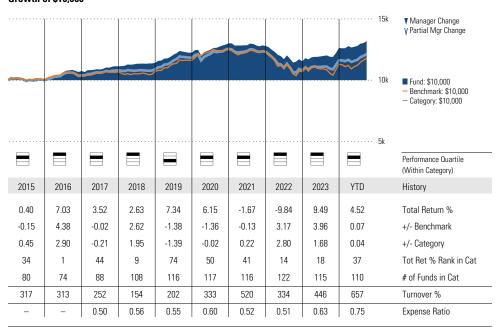
Morningstar Investment Management LLC Analysis

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

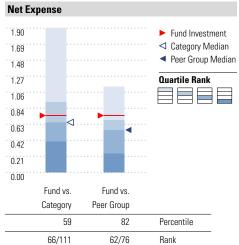
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 year 3.12 10.77 0.93 1.37 3.15 6.28 Fund Return % 5.20 11.57 -1.39 0.33 1.84 6.60 Benchmark Return % 4.01 10.90 -0 63 1 91 0.41 Category Average % 85 57 4 15 % Rank in Category 111 107 105 97 60 # of Funds in Category



3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.70	_	0.38
Beta	0.58	_	0.81
R-Squared	77.08	_	85.14
Standard Deviation	5.07	7.63	6.64
Sharpe Ratio	-0.57	-0.66	-0.69
Tracking Error	4.00	_	3.14
Information Ratio	0.58	_	0.21
Up Capture Ratio	64.75	_	81.19
Down Capture Ratio	49.03	_	77.95

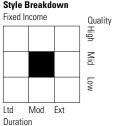
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.74	4.43	5.76
Avg Eff Maturity	6.58	-	7.84

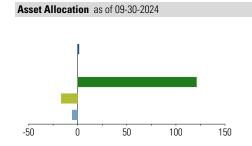


PIMCO International Bond (USD-Hdg) Instl PFORX

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

Style Analysis as of 09-30-2024 Style Breakdown Fixed Income





Total	100.00	100.00
Other	-5.52	0.14
Cash	-16.63	29.11
Bonds	120.88	70.71
Non-US Stocks	0.00	0.00
US Stocks	1.27	0.05
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	43.64	3.53	33.09
AA	14.76	74.59	11.34
A	16.99	10.82	26.03
BBB	21.56	8.32	21.22
BB	1.27	0.28	2.85
В	0.34	0.00	1.80
Below B	1.45	0.00	0.63
Not Rated	0.00	2.46	3.04

				0%	5	10	15	20	25	30	35	40	4
Other	13.04	_	42.21										
Cash & Equivalents	31.52	_	2.69										
Municipal	0.03	_	0.08										
Covered Bond	0.33	_	0.30	0									
Asset-Backed	1.86	_	1.25										
Commercial MBS	0.13	_	0.39	0									
Non-Agency Residential MBS	1.00	_	0.16										
Agency MBS CMO	0.03	_	0.32	0									
Agency MBS ARM	0.00	_	0.00										
Agency MBS Pass-Through	7.88	_	3.77										
Securitized	11.23	-	6.19										
Preferred	0.00	_	0.04										
Convertible	0.00	_	0.09										
Bank Loan	0.09	_	0.17										
Corporate Bond	1.92	_	11.98										
Corporate	2.01	-	12.28										
Other Government Related	35.17	_	6.96			- :		:	<u>:</u>	:			
Agency/Quasi Agency	0.69	_	3.23	. [
Inflation – Protected	0.96	_	1.24	= =[]									
Treasury	5.34	_	25.15										
Government	42.16	_	36.58										ī
	Fund	Bmark	Cat	Fund		Benchr	nark	Cate	jory Ave	rage			

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ IRS EUR 2.75000 09/18/24-5Y LCH Pay	09-2029	19.80	19.80	_
⊕ IRS EUR 2.75000 09/18/24-5Y LCH Receive	09-2029	19.75	39.54	_
⊕ CDX IG42 5Y ICE	06-2029	17.03	56.57	_
⊙ 3 Month SOFR Future Mar 25	06-2025	16.78	73.36	_
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Pay	09-2034	14.58	87.93	_
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Receive	09-2034	14.52	102.45	_
☆ Cash Offset	_	13.94	116.39	_
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Receive	09-2029	13.32	129.71	_
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Pay	09-2029	13.13	142.85	_
	10-2024	12.41	155.26	_

Total Holdings 1635

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



PIMCO Real Return Insti PRRIX

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

Portfolio Manager(s)

Stephen Rodosky since 01-2019 Daniel He since 12-2019

Quantitative Screens

❷ Performance: The fund has finished in the InflationProtected 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 5.73 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.5 is 25.37% lower than the Inflation-Protected Bond category average.

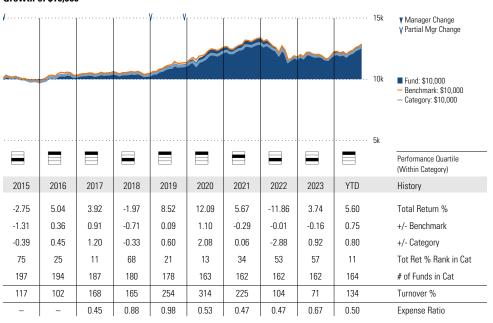
Morningstar Investment Management LLC Analysis

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

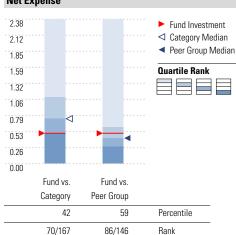
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.12	_	-0.25
Beta	1.01	_	1.00
R-Squared	99.05	_	96.43
Standard Deviation	7.31	7.18	7.78
Sharpe Ratio	-0.56	-0.58	-0.60
Tracking Error	0.72	_	1.66
Information Ratio	0.15	_	-0.49
Up Capture Ratio	101.51	_	98.55
Down Capture Ratio	100.33	_	101.62

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.55	4.52	5.50
Avg Eff Maturity	5.40	-	6.78



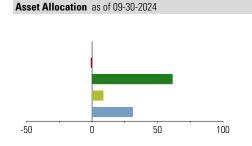
PIMCO Real Return Instl PRRIX

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



Duration





Asset Class	Net %	Cat%
US Stocks	0.00	0.28
Non-US Stocks	-0.81	-0.08
Bonds	61.35	96.14
Cash	8.47	2.24
Other	31.00	1.43
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	83.87	0.00	33.63
AA	6.11	99.60	62.08
A	2.71	0.00	0.83
BBB	4.29	0.00	0.96
BB	0.37	0.00	0.10
В	0.87	0.00	0.02
Below B	1.78	0.00	0.08
Not Rated	0.00	0.40	2.30

	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Av	erane	
Government	59.82	Dillaik _	85.91	runu	Delicilliar	ii category At	craye	
	0.06		0.38					
Treasury		_		4 :				
Inflation – Protected	37.19	_	80.08					
Agency/Quasi Agency	0.00	-	0.10					
Other Government Related	22.57	_	5.35					
Corporate	0.08	_	1.05	Į[]				
Corporate Bond	0.05	_	1.02	i[]				
Bank Loan	0.00	_	0.00					
Convertible	0.00	_	0.00	0				
Preferred	0.03	_	0.03	0 6				
Securitized	10.51	_	4.67					
Agency MBS Pass-Through	5.74	_	2.24					
Agency MBS ARM	0.00	_	0.00	İ				
Agency MBS CMO	0.17	_	0.38					
Non-Agency Residential MBS	0.53	_	0.05					
Commercial MBS	0.03	_	0.23					
Asset-Backed	3.91	_	1.74					
Covered Bond	0.13	_	0.03					
Municipal	0.00	-	0.01					
Cash & Equivalents	21.13	_	8.21					
Other	8.46	_	0.14					

Top 10 Holdings as of 09-30-2024 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector → RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive 02-2025 20.89 20.89 → RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay 02-2025 20.89 41.78 igoplus 5 Year Treasury Note Future Sept 24 10-2024 60.23 18.45 ☼ Offset: Unsettled Trades 12.96 73.19 ① IRS EUR 2.75000 09/18/24-10Y LCH Pay 09-2034 85.29 12.10 ⊕ IRS EUR 2.75000 09/18/24-10Y LCH Receive 09-2034 12.05 97.34 ① Ultra 10 Year US Treasury Note Future Sept 24 09-2024 10.20 107.54 10-2024 9.82 117.36 **⊕** EUROPEAN MONETARY UNION EURO Sold 08-2024 9.14 126.50 ⊕ EUROPEAN MONETARY UNION EURO Purchased 08-2024 9.14 135.64

Total Holdings 935

⊕ 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 11.61 years.

Q Net Expense: The fund's expense ratio of 0.08 is 90.36% lower than the Foreign Large Blend category average.

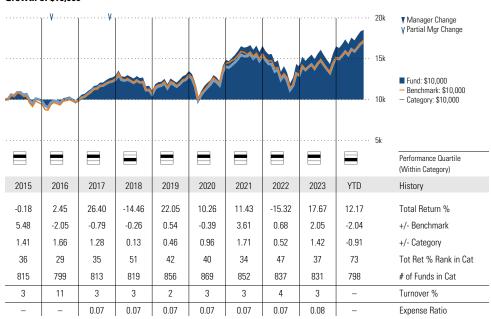
Morningstar Investment Management LLC Analysis

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.

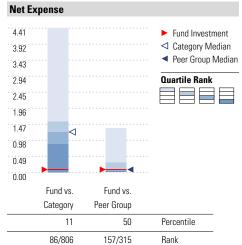
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.47	-	-0.05
Beta	1.09	-	1.02
R-Squared	96.32	-	92.90
Standard Deviation	18.07	16.34	17.33
Sharpe Ratio	0.14	0.10	0.10
Tracking Error	3.74	-	4.62
Information Ratio	0.18	-	0.00
Up Capture Ratio	115.38	-	105.97
Down Capture Ratio	114.59	-	107.27

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.46	15.78	15.57
Price/Book Ratio	1.68	1.85	1.89
Geom Avg Mkt Cap \$B	34.83	52.84	63.57
ROE	15.52	16.65	18.70



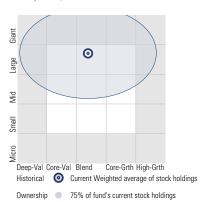
Vanguard Developed Markets Index Admiral VTMGX

Morningstar CategoryForeign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

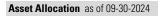
Equity

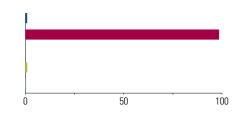
26	28	24	Large
6	7	5	Mid
2	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.16	1.53
Cash	0.74	0.63
Bonds	0.00	0.55
Non-US Stocks	98.39	93.48
US Stocks	0.72	3.83
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	١ ١	Bench	mark	Cate	gory Ave	erage		
_Մ	Cyclical	41.58	41.84	38.35									
å.	Basic Materials	7.62	7.13	6.28			ĺ						
A	Consumer Cyclical	10.15	10.56	10.23									
,	Financial Services	20.46	22.19	20.32						'			
fi	Real Estate	3.35	1.96	1.52									
W	Sensitive	37.25	38.31	39.09									
	Communication Services	4.22	6.08	5.08									
6	Energy	4.76	5.12	4.58									
Ф	Industrials	17.57	13.70	16.70			- :						
	Technology	10.70	13.41	12.73				0	į				
→	Defensive	21.16	19.84	22.55									
=	Consumer Defensive	7.14	7.14	7.90									
٠	Healthcare	11.04	9.63	12.14			<u> </u>						
•	Utilities	2.98	3.07	2.51									

World Regions % Equity 09-30-2024



	Fund %	Cat %	
Greater Asia	35.60	34.59	
Japan	21.38	18.85	
Australasia	7.05	4.68	
Asia-4 Tigers	6.99	6.46	
Asia-ex 4 Tigers	0.18	4.60	
Not Classified	0.00	0.00	

Americas	Fund % 10.70	Cat % 8.81	Greater Europe	Fund % 53.69	Cat % 56.59	Market Maturity	Fund %
North America	10.67	7.75	United Kingdom	12.16	13.90	Developed Markets	99.40
Central/Latin	0.03	1.06	W euro-ex UK	40.57	41.71	Emerging Markets	0.60
			Emrgng Europe Africa	0.37 0.59	0.12 0.86	Not Available	0.00

Top 10 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Novo Nordisk AS Class B	1.52	1.52	_	Healthcare
⊕ ASML Holding NV	1.36	2.87	10.07	Technology
○ Nestle SA	1.07	3.94	-	Consumer Defensive
⊕ SAP SE	1.04	4.98	48.12	Technology
Novartis AG Registered Shares	0.97	5.95	_	Healthcare
AstraZeneca PLC	0.97	6.92	11.52	Healthcare
⊕ Samsung Electronics Co Ltd	0.92	7.84	_	Technology
Roche Holding AG	0.92	8.76	-	Healthcare
⊕ Toyota Motor Corp	0.88	9.64	_	Consumer Cyclical
Shell PLC	0.85	10.49	-2.59	Energy

Total Holdings 4015

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



Vanguard Interm-Term Bond Index Adm VBILX

Morningstar Category Intermediate Core Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

Joshua Barrickman since 04-2008

Quantitative Screens

Performance: The fund has finished in the Intermediate Core 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 16.44 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.07 is 86% lower than the Intermediate Core Bond category average.

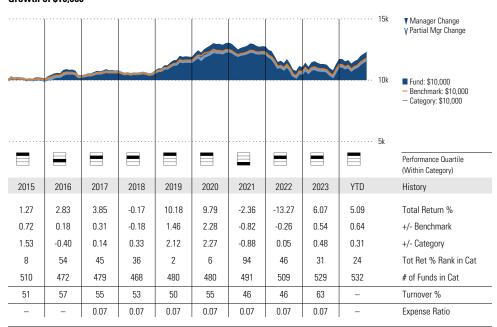
Morningstar Investment Management LLC Analysis

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.

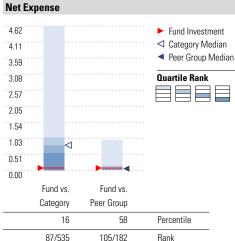
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000







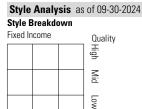
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.22	_	-0.09
Beta	1.05	_	0.98
R-Squared	98.70	_	98.10
Standard Deviation	8.09	7.63	7.55
Sharpe Ratio	-0.60	-0.66	-0.68
Tracking Error	1.01	_	0.96
Information Ratio	0.12	_	-0.25
Up Capture Ratio	108.12	_	97.06
Down Capture Ratio	105.92	_	98.03

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.18	4.43	5.88
Avg Eff Maturity	7.20	-	8.21



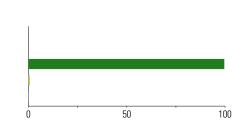
Vanguard Interm-Term Bond Index Adm VBILX

Morningstar Category Intermediate Core Bond Morningstar Index Bloomberg US Agg Bond TR USD



Mod Ext

Duration



Asset Allocation as of 09-30-2024

Total	100.00	100.00
Other	0.04	1.70
Cash	0.47	-0.01
Bonds	99.49	97.45
Non-US Stocks	0.00	0.23
US Stocks	0.00	0.62
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	57.88	3.53	24.71
AA	2.68	74.59	39.01
A	17.66	10.82	22.22
BBB	21.80	8.32	12.31
BB	0.00	0.28	0.62
В	0.00	0.00	0.33
Below B	0.00	0.00	0.12
Not Rated	-0.02	2.46	0.68

	Fund	Bmark	Cat	Fund		Benchn	oork	П с-	toao-	y Aver	000		
				runa	' 0	enciii	llark	[] Ua	tegor	y Aver	age		
Government	59.86	_	30.70						_				
Treasury	55.87	_	24.87										
Inflation – Protected	0.00	_	1.37	[]									
Agency/Quasi Agency	1.80	_	0.63	0									
Other Government Related	2.19	_	3.83										
Corporate	39.20	-	23.52										
Corporate Bond	39.16	_	23.34										
Bank Loan	0.00	_	0.04	0									
Convertible	0.04	_	0.00	Ū.									
Preferred	0.00	_	0.14										
Securitized	0.06	-	39.30										
Agency MBS Pass-Through	0.00	_	28.33										
Agency MBS ARM	0.00	_	0.18										
Agency MBS CMO	0.00	_	1.23	i[
Non-Agency Residential MBS	0.00	_	0.12										
Commercial MBS	0.00	_	2.27	i [i									
Asset-Backed	0.06	_	7.17	i	П								
Covered Bond	0.00	_	0.00	İ									
Municipal	0.41	_	1.22	il i									
Cash & Equivalents	0.47	-	4.52	1 [
Other	0.00	_	0.75	10									

Top 10 Holdings as of 09-30-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	-	2.39	2.39	_
United States Treasury Notes	_	2.37	4.76	-
⊕ United States Treasury Notes	_	2.35	7.11	-
⊕ United States Treasury Notes	_	2.14	9.25	_
United States Treasury Notes	_	2.00	11.25	_
United States Treasury Notes	-	1.91	13.16	_
⊕ United States Treasury Notes	_	1.91	15.07	-
⊕ United States Treasury Notes	_	1.90	16.98	-
⊕ United States Treasury Notes	_	1.89	18.86	-
⊕ United States Treasury Notes	_	1.86	20.72	_

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

Total Holdings 2305



Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.77 years.
- Net Expense: The fund's expense ratio of 0.31 is 69% lower than the Foreign Large Growth category average.

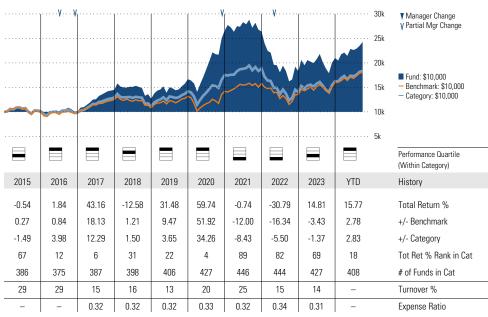
Morningstar Investment Management LLC Analysis

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.

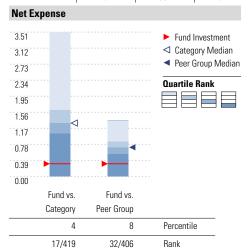
ESG Metrics

Metric	Rating	Updated				
Sustainability Rating	3	08-31-2024				
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	-9.42	-	-5.40
Beta	1.22	_	1.10
R-Squared	81.66	_	87.58
Standard Deviation	22.88	16.95	19.97
Sharpe Ratio	-0.22	0.17	-0.08
Tracking Error	10.48	_	7.35
Information Ratio	-0.87	_	-0.73
Up Capture Ratio	97.16	_	96.05
Down Capture Ratio	137.23	_	119.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.17	15.74	23.36
Price/Book Ratio	3.73	1.84	3.57
Geom Avg Mkt Cap \$B	82.17	56.42	78.12
ROE	22.27	17.13	23.04



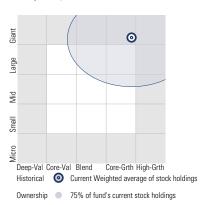
Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

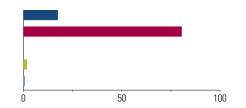
9	15	61	Large
0	7	6	Mid
0	0	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.59	0.60
Cash	1.67	2.05
Bonds	0.00	-0.16
Non-US Stocks	80.40	89.35
US Stocks	17.34	8.16
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2024													
		Fund	Bmark	Cat	Fund	d	• Ben	chmark	[] Ca	ategory	Avera	ge	-		
ሁ	Cyclical	34.16	39.38	33.15											
A	Basic Materials	0.58	6.91	6.67		[
A	Consumer Cyclical	24.03	10.01	11.94											
,	Financial Services	9.55	20.12	14.19											
fi	Real Estate	0.00	2.34	0.35	0										
W	Sensitive	49.05	35.26	45.92											
0	Communication Services	7.54	4.82	4.20											
•	Energy	1.43	3.65	2.70		,			_						
Ф	Industrials	12.63	17.08	19.45											
	Technology	27.45	9.71	19.57			*								
-	Defensive	16.78	25.36	20.93						- 1					
Ħ	Consumer Defensive	4.11	8.56	6.06			7								
+	Healthcare	11.92	13.56	14.17											
•	Utilities	0.75	3.24	0.70		•									
					0%	5	10	15	20	25	30	35	40	45	50

World Regions % Equity 09-30-2024



0	Fund %	Cat %
Greater Asia	30.88	27.20
Japan	6.32	13.26
Australasia	1.88	1.57
Asia-4 Tigers	9.59	6.07
Asia-ex 4 Tigers	13.09	6.30
Not Classified	0.00	0.00

Americas	Fund % 27.29	Cat % 16.16	Greater Europe	Fund % 41.82	Cat % 56.64	Market Maturity	Fund %
North America	19.82	13.53	United Kingdom	7.48	12.78	Developed Markets	79.44
Central/Latin	7.47	2.63	W euro-ex UK	34.19	43.44	Emerging Markets	20.56
			Emrgng Europe Africa	0.00 0.15	0.03 0.39	Not Available	0.00

Top 10 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	5.75	5.75	_	Technology
	5.08	10.83	30.57	Consumer Cyclical
	4.12	14.95	96.12	Communication Svc
Adyen NV	3.43	18.38	20.23	Technology
	3.25	21.63	10.07	Technology
Meituan Class B	2.55	24.18	_	Consumer Cyclical
	2.35	26.54	-	Industrials
Coupang Inc Ordinary Shares - Class A	2.33	28.87	51.64	Consumer Cyclical
⊖ Ferrari NV	2.28	31.15	38.32	Consumer Cyclical
PDD Holdings Inc ADR	2.14	33.28	-7.86	Consumer Cyclical

Total Holdings 149

⊕ Increase ⊕ Decrease
★ New to Portfolio

Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value

Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.35 years.
- × Style: The fund has landed in its primary style box Large Value — 0 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.39 is 59.38% lower than the Foreign Large Value category average.

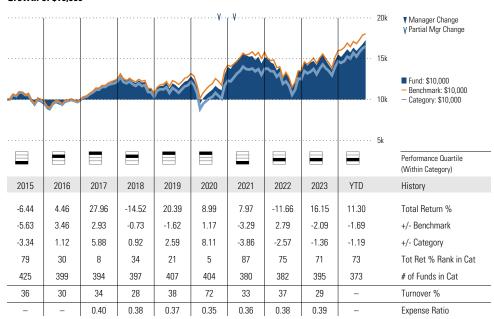
Morningstar Investment Management LLC Analysis

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	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

Growth of \$10,000





Net Exp	ense		
4.03			► Fund Investment
3.58			Category Median
3.13			 Peer Group Mediar
2.69			Quartile Rank
2.24			
1.79			
1.34			
0.90			
0.45		••••	
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	8	12	Percentile

	30/379	39/325	Rank	
Peer grou	up is a subset of	the category an	d includes fun	ds with the
same ma	nagement style	(active vs. passi	ve) and simila	r share class
characte	rietice			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	1.91
Beta	0.97	_	0.96
R-Squared	91.13	_	87.80
Standard Deviation	17.26	16.95	17.31
Sharpe Ratio	0.16	0.17	0.27
Tracking Error	5.16	_	6.14
Information Ratio	-0.06	_	0.28
Up Capture Ratio	95.95	_	97.85
Down Capture Ratio	96.37	_	90.40

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.23	15.74	11.98
Price/Book Ratio	1.74	1.84	1.28
Geom Avg Mkt Cap \$B	34.15	56.42	40.98
ROE	16.70	17.13	12.91

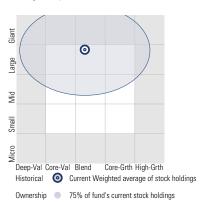


Vanguard International Value Inv VTRIX

Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

1. /			
25	26	26	Large
6	13	3	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

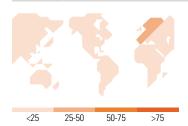
Asset Allocation as of 09-30-2024



	.	From al	Dl.	0-4	F	al	- DI	and and	Пост					
		Fund	Bmark	Cat	Fun	a	▼ Bencl	nmark	Categ	jory Ave	erage			
	Cyclical	43.10	39.38	42.29										
Å.	Basic Materials	8.25	6.91	7.92			=)							
A	Consumer Cyclical	16.40	10.01	9.73					į					
Ę.	Financial Services	16.95	20.12	23.40										
fi	Real Estate	1.50	2.34	1.24		'								
W	Sensitive	39.31	35.26	35.71										
	Communication Services	4.82	4.82	5.16										
•	Energy	4.51	3.65	8.16										
Ф	Industrials	20.13	17.08	14.61										
	Technology	9.85	9.71	7.78										
→	Defensive	17.61	25.36	21.99				•	ı [
Ħ	Consumer Defensive	6.47	8.56	8.63										
٠	Healthcare	10.58	13.56	9.57				*						
•	Utilities	0.56	3.24	3.79										
					0%	5	10	15	20	25	30	35	40	4

100

World Regions % Equity 09-30-2024



	Fund %	Cat %
Greater Asia	39.95	29.86
Japan	13.01	16.99
Australasia	0.79	3.12
Asia-4 Tigers	10.98	6.90
Asia-ex 4 Tigers	15.17	2.85
Not Classified	0.00	0.00

Americas	Fund % 10.95	Cat % 8.38	Greater Europe	Fund % 49.11	Cat % 61.75	Market Maturity	Fund %
North America	6.54	7.35	United Kingdom	14.98	18.36	Developed Markets	80.11
Central/Latin	4.41	1.03	W euro-ex UK	33.81	42.51	Emerging Markets	19.89
			Emrgng Europe	0.00	0.17	Not Available	0.00
			Africa	0.32	0.71		

Top 10 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Tencent Holdings Ltd	3.09	3.09	_	Communication Svc
	2.83	5.91	_	_
	1.84	7.76	_	Technology
⊖ Roche Holding AG	1.65	9.40	_	Healthcare
Ryanair Holdings PLC ADR	1.28	10.69	-13.86	Industrials
⊕ AIA Group Ltd	1.26	11.94	_	Financial Services
HSBC Holdings PLC	1.21	13.16	14.23	Financial Services
	1.15	14.30	_	_
⊕ Kering SA	1.13	15.43	-32.12	Consumer Cyclical
─ Unilever PLC	1.12	16.56	30.24	Consumer Defensive

Total Holdings 259

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



Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Aurélie Denis since 02-2023 Aaron Choi since 08-2023

Quantitative Screens

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

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

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

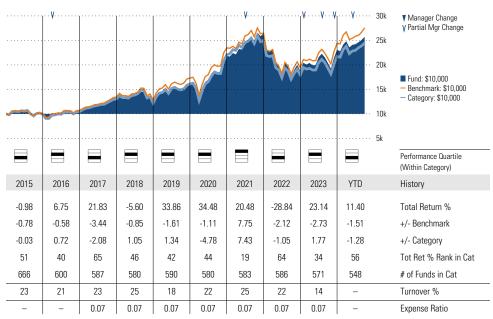
Morningstar Investment Management LLC Analysis

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

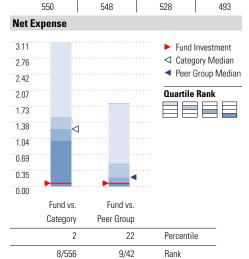
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2024 ■ Fund Benchmark 15 Category 10 5 0 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 6.25 26.00 1.70 11.19 10.58 12.47 6.54 29.33 2.32 11.48 11.30 11.06 Benchmark Return % 6 46 26 45 -n n4 10 48 10.35 Category Average % 51 50 39 35 46 % Rank in Category 389 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.56	_	-2.53
Beta	1.00	_	0.98
R-Squared	98.27	_	90.82
Standard Deviation	21.51	21.31	22.10
Sharpe Ratio	0.01	0.03	-0.08
Tracking Error	2.83	_	6.61
Information Ratio	-0.22	_	-0.59
Up Capture Ratio	101.97	_	94.64
Down Capture Ratio	104.14	_	104.30

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.72	31.89	33.60
Price/Book Ratio	5.66	8.97	5.72
Geom Avg Mkt Cap \$B	37.54	24.60	22.41
ROE	21.77	31.31	21.72



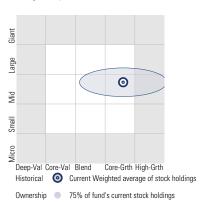
Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category Mid-Cap Growth

Morningstar Index Russell Mid Cap Growth TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

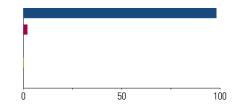
0	11	8	Large
4	32	45	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.00	0.50
Cash	0.08	1.54
Bonds	0.00	0.05
Non-US Stocks	1.85	4.14
US Stocks	98.07	93.78
Asset Class	Net %	Cat%

clical sic Materials summer Cyclical nancial Services al Estate	Fund 25.53 1.84 9.25 7.09 7.35	28.42 0.99 15.37 10.61 1.45	28.81 2.00 12.82 11.40	Fund	▼ Be	enchmark	[] Ca	tegory	/ Aver	age			
sic Materials insumer Cyclical nancial Services nal Estate	1.84 9.25 7.09 7.35	0.99 15.37 10.61	2.00 12.82 11.40			7		Ì					
nsumer Cyclical nancial Services nal Estate	9.25 7.09 7.35	15.37 10.61	12.82 11.40		- [T							
nancial Services val Estate	7.09 7.35	10.61	11.40	•									
al Estate	7.35			•	• 1								
		1.45											
nsitive			2.59										
	55.67	53.61	50.91	_									
mmunication Services	3.96	2.63	3.67										
ergy	4.45	3.89	2.99										
dustrials	19.77	16.38	17.78		- :								
chnology	27.49	30.71	26.47					ı [ˈ					
fensive	18.80	17.96	20.28										
nsumer Defensive	1.88	2.43	2.45										
ealthcare	13.17	13.79	16.95			[
	3.75	1.74	0.88										
c f	chnology censive sumer Defensive	hnology 27.49 ensive 18.80 asumer Defensive 1.88 althcare 13.17	hnology 27.49 30.71 ensive 18.80 17.96 asumer Defensive 1.88 2.43 althcare 13.17 13.79	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 isumer Defensive 1.88 2.43 2.45 althcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 issumer Defensive 1.88 2.43 2.45 elithcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 issumer Defensive 1.88 2.43 2.45 elthcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 issumer Defensive 1.88 2.43 2.45 elthcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 issumer Defensive 1.88 2.43 2.45 elthcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 isumer Defensive 1.88 2.43 2.45 elthcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 isumer Defensive 1.88 2.43 2.45 elthcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 isumer Defensive 1.88 2.43 2.45 illthcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 isumer Defensive 1.88 2.43 2.45 elthcare 13.17 13.79 16.95	hnology 27.49 30.71 26.47 ensive 18.80 17.96 20.28 sumer Defensive 1.88 2.43 2.45 lithcare 13.17 13.79 16.95

Nama	% Net Asset	Cumulative %	YTD Return %	Marningator Coator
Name	% Net Asset	Cumulative %	FID heturn %	Morningstar Sector
○ Constellation Energy Corp	2.19	2.19	_	Utilities
⊕ Amphenol Corp Class A	2.10	4.29	32.24	Technology
─ Welltower Inc	2.08	6.37	44.08	Real Estate
	2.03	8.40	41.08	Industrials
Palantir Technologies Inc Ordinary Shares - Class A	2.02	10.43	116.66	Technology
	2.00	12.43	44.55	Technology
⊖ Cintas Corp	1.89	14.32	37.35	Industrials
⊕ Realty Income Corp	1.48	15.79	14.07	Real Estate
⊕ Apollo Global Management Inc Class A	1.33	17.12	35.49	Financial Services
	1.31	18.44	52.38	Technology
⊕ DoorDash Inc Ordinary Shares - Class A	1.24	19.67	44.33	Communication Svc
	1.23	20.91	20.37	Industrials
	1.22	22.13	26.07	Industrials
○ Copart Inc	1.21	23.34	6.94	Industrials
	1.21	24.55	66.97	Technology

Total Holdings 143

⊕ 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)

Aurélie Denis since 02-2023 Aaron Choi since 08-2023

Quantitative Screens

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

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

✓ Net Expense: The fund's expense ratio of 0.07 is
92.71% lower than the Mid-Cap Value category average.

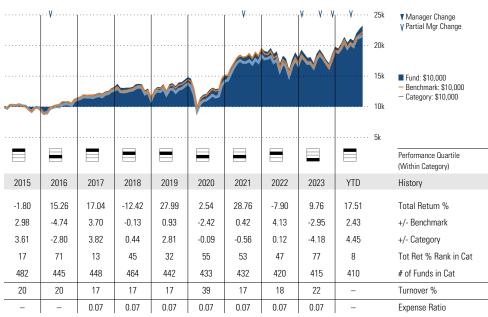
Morningstar Investment Management LLC Analysis

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

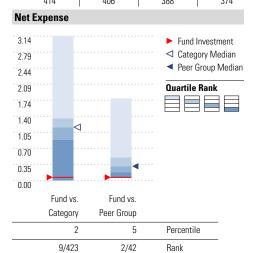
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2024 ■ Fund Benchmark Category 15 10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 11.99 31.04 8.73 10.76 9.56 12.51 10.08 29.01 7.39 10.33 8.93 11.42 Benchmark Return % 8 98 25.80 8 50 10 97 8 62 Category Average % 11 50 49 24 % Rank in Category 414 406 388 374 285 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.58	_	1.40
Beta	0.94	_	0.94
R-Squared	98.59	_	94.42
Standard Deviation	18.68	19.66	19.11
Sharpe Ratio	0.34	0.27	0.32
Tracking Error	2.48	_	4.72
Information Ratio	0.54	_	0.24
Up Capture Ratio	97.72	_	95.29
Down Capture Ratio	92.53	_	90.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.33	19.44	17.35
Price/Book Ratio	2.46	2.43	2.09
Geom Avg Mkt Cap \$B	31.29	20.46	16.28
ROE	18.34	15.17	14.21



Vanguard Mid-Cap Value Index Admiral VMVAX

Asset Allocation as of 09-30-2024

Morningstar Category

Mid-Cap Value

Ru

Morningstar Index Russell Mid Cap Value TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

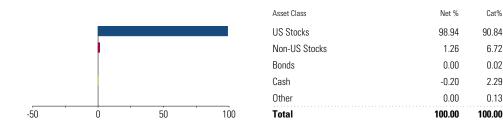
Equity

1	3	1	Large
41	50	5	Mid
0	0	0	Small

Weight %

>50 25-50 10-25 0-10

Value Blend Growth





Top 15 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Carrier Global Corp Ordinary Shares	1.53	1.53	40.77	Industrials
⊕ Arthur J. Gallagher & Co	1.36	2.89	25.92	Financial Services
○ Newmont Corp	1.36	4.25	30.95	Basic Materials
□ D.R. Horton Inc	1.24	5.49	26.12	Consumer Cyclical
○ United Rentals Inc	1.18	6.67	42.06	Industrials
○ ONEOK Inc	1.18	7.85	34.01	Energy
⊕ Digital Realty Trust Inc	1.17	9.02	22.97	Real Estate
→ PACCAR Inc	1.14	10.17	1.95	Industrials
→ Allstate Corp	1.11	11.27	37.46	Financial Services
	1.02	12.29	24.82	Financial Services
 — Fidelity National Information Services Inc 	1.01	13.31	41.22	Technology
⊕ L3Harris Technologies Inc	1.00	14.30	14.59	Industrials
─ Public Service Enterprise Group Inc	0.98	15.29	48.83	Utilities
⊕ Cummins Inc	0.98	16.27	37.32	Industrials
○ Kenvue Inc	0.98	17.25	10.24	Consumer Defensive

Total Holdings 188

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 28.4 years.

Net Expense: The fund's expense ratio of 0.13 is 88.29% lower than the Real Estate category average.

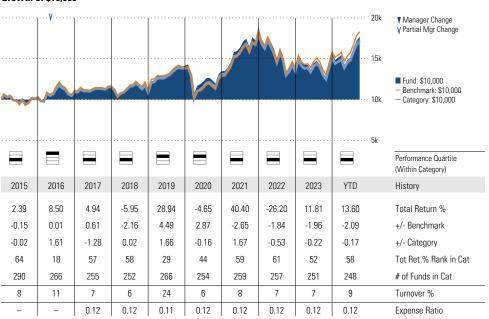
Morningstar Investment Management LLC Analysis

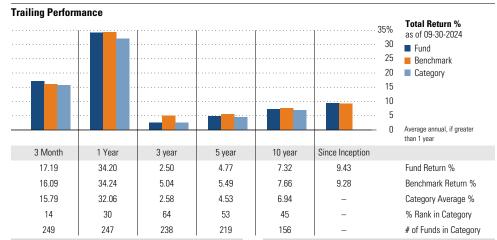
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

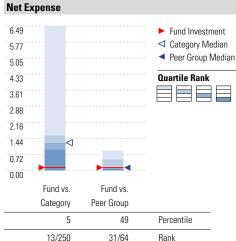
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-2.48	_	-2.12
Beta	1.03	_	0.97
R-Squared	98.51	_	94.85
Standard Deviation	22.22	21.44	21.37
Sharpe Ratio	0.05	0.16	0.05
Tracking Error	2.78	-	4.07
Information Ratio	-0.91	-	-0.70
Up Capture Ratio	98.87	-	93.85
Down Capture Ratio	106.62	-	100.60

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	36.43	38.46	36.76
Price/Book Ratio	2.59	2.42	2.68
Geom Avg Mkt Cap \$B	27.25	9.35	38.20
ROE	15.00	9.56	16.26

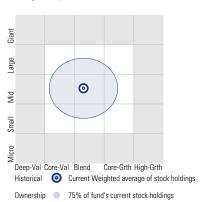


Vanguard Real Estate Index Admiral VGSLX

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

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

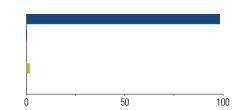
Equity

0	23	5	Large
13	37	4	Mid
4	13	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

Total	100.00	100.00
Other	0.00	7.63
Cash	1.69	1.55
Bonds	0.00	1.02
Non-US Stocks	0.01	1.06
US Stocks	98.30	88.74
Asset Class	Net %	Cat%

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

	Fund	Bmark	Cat	Fund	•	Ве	nchma	rk	[] C	atego	ry A	vera	ge		
Cyclical	99.13	99.13	99.07												
Basic Materials	0.00	0.00	0.11												
Consumer Cyclical	0.00	0.13	1.78	i[
Financial Services	0.00	0.00	0.35												
Real Estate	99.13	99.00	96.83												
 Sensitive 	0.87	0.87	0.75	0											
Communication Services	0.85	0.00	0.16	İ											
Energy	0.00	0.00	0.02	Ĺ											
Industrials	0.02	0.87	0.27												
Technology	0.00	0.00	0.30												
→ Defensive	0.00	0.00	0.19												
Consumer Defensive	0.00	0.00	0.00												
Healthcare	0.00	0.00	0.16												
Utilities	0.00	0.00	0.03	ı											

Top 15 Holdings as of 09-30-2024 Cumulative % YTD Return % Name % Net Asset Morningstar Sector Vanguard Real Estate II Index 13.47 13.47 Prologis Inc 6.37 19.84 -3.11 Real Estate American Tower Corp 5.92 25.76 9.23 Real Estate 4.47 30.23 11.80 Real Estate Welltower Inc 4.08 44.08 Real Estate 34.31 Public Storage 3.14 37.45 22.25 Real Estate Realty Income Corp 3.01 40.46 14.07 Real Estate 3.00 43.46 22.70 Real Estate Digital Realty Trust Inc 2.86 46.32 22.97 Real Estate ○ Crown Castle Inc
 ○ 2.81 49.13 7.06 Real Estate CBRE Group Inc Class A 2.08 51.21 33.72 Real Estate 2.08 53.29 15.42 Real Estate 1.90 55.19 72.69 Real Estate AvalonBay Communities Inc 1.75 56.94 23.04 Real Estate O VICI Properties Inc Ordinary Shares 1.74 58.67 8.45 Real Estate

Total Holdings 158

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Portfolio Manager(s)

Gerard O'Reilly since 12-2004 Nick Birkett since 02-2023

Quantitative Screens

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

Management: The fund's management has been in place for 19.76 years.

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

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

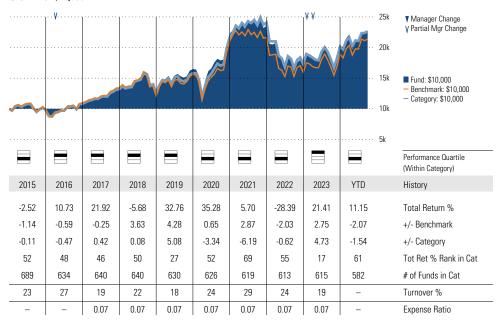
Morningstar Investment Management LLC Analysis

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.

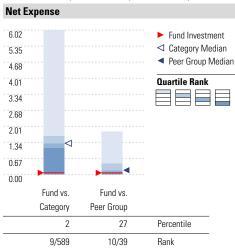
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000



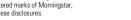
Trailing Performance Total Return % as of 09-30-2024 ■ Fund Benchmark 15 Category 10 5 0 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 7.07 25.73 -0.95 8.60 9.18 11.58 8.41 27.66 -0.35 8.82 8.95 9.53 Benchmark Return % 25 69 10 04 9 93 7 44 -1 41 Category Average % 62 50 56 71 63 % Rank in Category 587 582 558 530 407 # 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	-0.66	_	-1.40
Beta	0.95	_	0.92
R-Squared	96.74	_	91.59
Standard Deviation	22.39	23.09	22.33
Sharpe Ratio	-0.10	-0.07	-0.13
Tracking Error	4.18	_	6.78
Information Ratio	-0.14	_	-0.14
Up Capture Ratio	97.01	_	89.78
Down Capture Ratio	99.02	_	94.76

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.58	23.07	28.66
Price/Book Ratio	4.06	4.22	4.19
Geom Avg Mkt Cap \$B	7.75	3.28	6.71
ROE	11.73	6.24	12.92



D--46-11- M-4-1-

Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

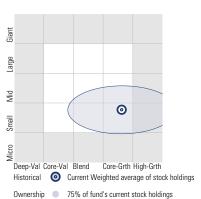
Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

Large	Mid	Small
0	24	37
0	9	22
0	2	5

Weight %

>50 25-50 10-25 0-10

Value Blend Growth



50

Asset Allocation as of 09-30-2024



Sec	ctor Weighting as of 09-3	30-2024											
		Fund	Bmark	Cat	Fund	▼ Be	nchma	ırk 🛚	Categ	jory Av	/erage		
<u></u>	Cyclical	26.12	22.41	25.06									
A	Basic Materials	1.91	4.19	3.07									
A	Consumer Cyclical	13.26	9.35	10.77									
ı,	Financial Services	5.42	7.23	8.75		0							
命	Real Estate	5.53	1.64	2.47									
W	Sensitive	52.82	47.63	50.15									
	Communication Services	3.21	1.80	1.41									
•	Energy	5.18	3.35	3.70									
Ф	Industrials	18.95	20.63	21.13		- :							
	Technology	25.48	21.85	23.91				• •		1			
→	Defensive	21.05	29.95	24.80									
Ħ	Consumer Defensive	3.29	3.81	4.25									
+	Healthcare	17.20	25.54	19.87									
•	Utilities	0.56	0.60	0.68	ď								

100

Top 15 Holdings as of 09-30-2024 Name % Net Asset Cumulative % YTD Return % Morningstar Sector 1.46 1.46 Axon Enterprise Inc 1.08 2.54 54.69 Industrials Deckers Outdoor Corp 0.92 3.46 43.13 Consumer Cyclical → PTC Inc 0.78 4.24 3.26 Technology Lennox International Inc 0.73 4.97 35.79 Industrials DraftKings Inc Ordinary Shares - Class A 0.68 5.66 11.21 Consumer Cyclical Manhattan Associates Inc 0.65 6.31 30.68 Technology Watsco Inc Class A 0.65 6.95 16.63 Industrials 0.64 7.60 -5.83 Technology Robinhood Markets Inc Class A 0.64 8.24 Financial Services ○ Liberty Formula One Group Registered Shs Series -C- Formula One 0.62 8.86 22.65 Communication Svc Targa Resources Corp 0.61 9.47 72.68 Energy Pure Storage Inc Class A 0.59 10.05 40.89 Technology Dynatrace Inc Ordinary Shares 0.57 10.63 -2.23 Technology Guidewire Software Inc 0.57 11.20 67.77 Technology

Total Holdings 612

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

Portfolio Manager(s)

Gerard O'Reilly since 04-2016 Nick Birkett since 02-2023

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 8.43 years.
- Net Expense: The fund's expense ratio of 0.07 is 93.69% lower than the Small Value category average.

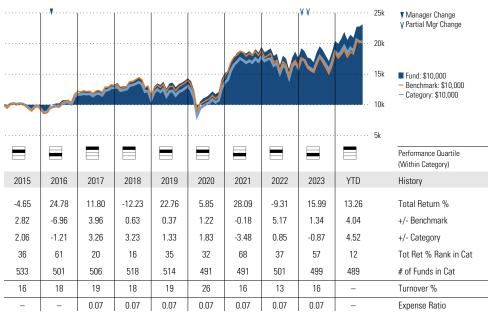
Morningstar Investment Management LLC Analysis

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.

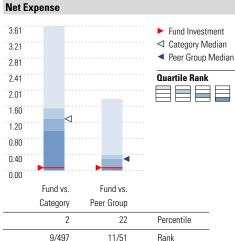
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	4.45	_	2.65
Beta	0.90	_	0.91
R-Squared	96.34	_	93.65
Standard Deviation	21.00	22.84	21.56
Sharpe Ratio	0.30	0.11	0.21
Tracking Error	4.59	_	5.63
Information Ratio	0.97	_	0.45
Up Capture Ratio	99.34	_	95.86
Down Capture Ratio	86.24	_	88.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.10	13.90	14.46
Price/Book Ratio	1.90	1.31	1.66
Geom Avg Mkt Cap \$B	6.78	2.14	4.78
ROE	13.87	4.84	12.10



Vanguard Small Cap Value Index Admiral VSIAX

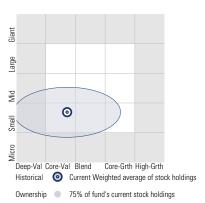
Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

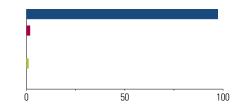
1	0	0	Laige
10	15	4	MIN
35	31	4	JIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.00	0.28
Cash	0.96	1.22
Bonds	0.00	0.17
Non-US Stocks	1.73	4.01
US Stocks	97.30	94.33
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	49.99	54.94	48.90	
A.	Basic Materials	6.27	5.05	6.30	
A	Consumer Cyclical	14.50	10.51	13.73	
,	Financial Services	19.06	25.41	22.36	
命	Real Estate	10.16	13.97	6.51	
W	Sensitive	34.10	27.42	38.77	
d	Communication Services	2.78	2.63	2.21	
•	Energy	3.66	6.80	7.84	
Ф	Industrials	19.82	10.48	17.83	
	Technology	7.84	7.51	10.89	
→	Defensive	15.92	17.63	12.34	
Ħ	Consumer Defensive	4.43	3.07	4.04	
٠	Healthcare	6.59	9.33	5.82	
•	Utilities	4.90	5.23	2.48	
					0% 5 10 15 20 25 20 25 40 45 50 5

N.	0/ 11 -	0 1 2 6	VED D	
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	0.90	0.90	_	_
Smurfit WestRock PLC	0.74	1.64	24.94	Consumer Cyclical
→ Builders FirstSource Inc	0.65	2.29	16.13	Industrials
⇒ Booz Allen Hamilton Holding Corp Class A	0.61	2.90	28.44	Industrials
─ Carlisle Companies Inc	0.60	3.50	44.82	Industrials
	0.58	4.08	100.16	Industrials
⊕ Atmos Energy Corp	0.58	4.66	21.76	Utilities
→ First Citizens BancShares Inc Class A	0.57	5.23	30.09	Financial Services
→ NRG Energy Inc	0.54	5.77	78.57	Utilities
□ IDEX Corp	0.47	6.24	-0.27	Industrials
	0.47	6.71	35.44	Industrials
⊕ United Therapeutics Corp	0.46	7.17	62.97	Healthcare
	0.46	7.63	119.93	Healthcare
⊖ Reliance Inc	0.46	8.09	4.59	Basic Materials
→ Toll Brothers Inc	0.46	8.55	50.95	Consumer Cyclical

Total Holdings 838



Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.61 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 85.19% lower than the Target-Date 2020 category average.

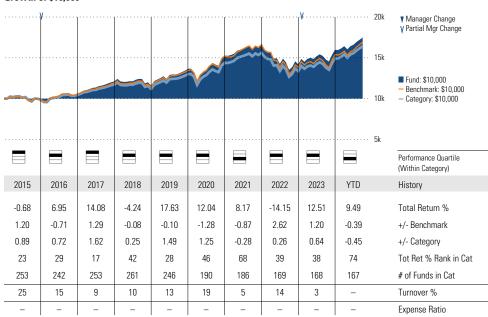
Morningstar Investment Management LLC Analysis

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.

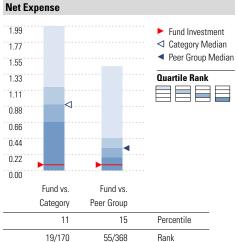
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000







	19/170	55/368	Rank	
Peer group	o is a subset of t	he category ar	nd includes fun	ds with the
same mar	nagement style (a	active vs. pass	ive) and simila	r share class
characteri	etice			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.22	_	1.08
Beta	0.86	_	0.89
R-Squared	98.95	_	98.59
Standard Deviation	10.20	11.83	10.58
Sharpe Ratio	-0.05	-0.12	-0.05
Tracking Error	1.98	_	1.91
Information Ratio	0.54	_	0.52
Up Capture Ratio	90.26	_	93.13
Down Capture Ratio	82.98	_	86.75

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	21.64	21.65
Price/Book Ratio	2.68	2.85	2.92
Avg Eff Duration	5.55	-	5.15



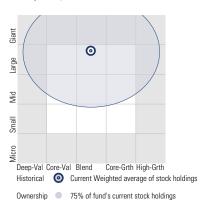
Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

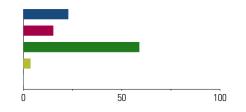
Weight %

Equity				Fixed Income				
	21	32	21	Large				High
	6	8	5	Mid				Mid
	2	3	2	Small				Low
	Value	Blend	Growth		Ltd	Mod	Ext	_

Duration

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.05	9.30
Cash	3.46	2.21
Bonds	58.80	50.77
Non-US Stocks	15.03	12.88
US Stocks	22.67	24.84
Asset Class	Net %	Cat%

Sector Weighting as of 09-	30-2024			
	Fund	Bmark	Cat	Fund • Benchmark Category Average
⊍ Cyclical	33.57	36.89	34.82	
Basic Materials	4.23	3.90	3.96	
Consumer Cyclical	10.23	10.12	9.96	
Financial Services	16.13	14.68	15.47	
Real Estate	2.98	8.19	5.43	
✓ Sensitive	46.35	44.14	45.83	(
Communication Services	7.02	6.49	7.04	
Energy	4.28	3.86	4.26	
Industrials	11.32	10.87	10.57	
Technology	23.73	22.92	23.96	
→ Defensive	20.09	18.97	19.35	
Consumer Defensive	6.06	5.67	5.54	
Healthcare	11.32	10.51	11.27	
Utilities	2.71	2.79	2.54	
				0% 5 10 15 20 25 30 35 40 45

Top 7 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ovanguard Total Bond Market II ldx Inv	_	33.62	33.62	_	_
Ovanguard Total Stock Mkt Idx Instl Pls	_	22.72	56.35	_	-
Ovanguard Total Intl Stock Index Inv	_	15.39	71.74	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	14.71	86.45	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	12.93	99.38	_	_
	_	0.66	100.04	_	_
⊕ Us Dollar	_	0.04	100.08	_	-

Total Holdings 7



Vanguard Target Retirement 2025 Fund VTTVX

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

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 85.71% lower than the Target-Date 2025 category average.

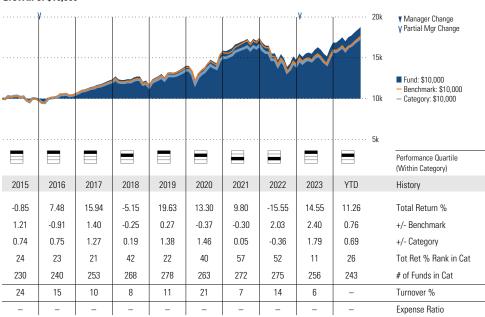
Morningstar Investment Management LLC Analysis

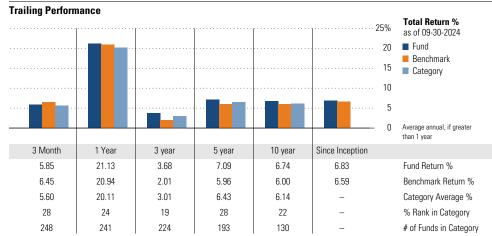
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

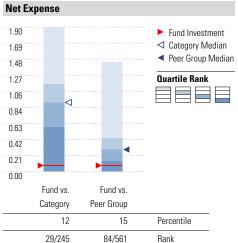
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000







Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left(1\right) =\left(1\right) \left(1\right) $
characteristics

3-Year hisk wietrics			
	Fund	Bmark	Cat
Alpha	1.73	_	1.17
Beta	0.92	_	0.87
R-Squared	98.98	_	98.25
Standard Deviation	11.76	12.73	11.18
Sharpe Ratio	0.04	-0.08	-0.02
Tracking Error	1.57	_	2.23
Information Ratio	1.06	_	0.51
Up Capture Ratio	97.68	_	90.79
Down Capture Ratio	88.22	-	84.34

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	21.43	21.88
Price/Book Ratio	2.68	2.81	2.95
Avg Eff Duration	5.84	-	5.46



Vanguard Target Retirement 2025 Fund VTTVX

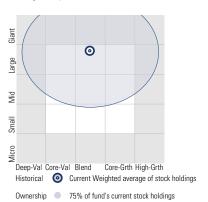
Morningstar Index Morningstar Lifetime Mod 2025 TR USD **Morningstar Category** Target-Date 2025

100.00

100.00

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity				rixea in	icome		Quali
21	32	21	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod n	Ext	

Weight %

>50 25-50 10-25 0-10



Total

50

	ctor Weighting as of 09-						n				
		Fund	Bmark	Cat	Fund	 Benchmark 	∐ Ca	tegory	Averag	ge ,	
ŀ	Cyclical	33.51	36.90	34.52							
ů.	Basic Materials	4.20	3.98	3.83							
A	Consumer Cyclical	10.23	10.20	9.99							
ê	Financial Services	16.11	14.86	15.16							
ŧ	Real Estate	2.97	7.86	5.54		*					
M	Sensitive	46.38	44.13	46.03							
┫	Communication Services	7.02	6.48	7.08							
ð	Energy	4.28	3.90	4.07							
¢	Industrials	11.32	10.99	10.46							
	Technology	23.76	22.76	24.42			_				
→	Defensive	20.10	18.98	19.46							
-	Consumer Defensive	6.06	5.67	5.59							
٠	Healthcare	11.32	10.50	11.16							
Ţ	Utilities	2.72	2.81	2.71							

Top 7 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ovanguard Total Stock Mkt Idx Instl Pls	_	30.99	30.99	_	_
→ Vanguard Total Bond Market II Idx Inv	_	28.71	59.70	_	-
Ovanguard Total Intl Stock Index Inv	-	20.82	80.52	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	-	12.35	92.88	_	-
€ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	6.53	99.40	_	-
→ Mktliq 12/31/2049	_	0.62	100.02	_	_
⊕ Us Dollar	_	0.02	100.05	-	-

Total Holdings 7



Vanguard Target Retirement 2030 Fund VTHRX

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

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 11.61 years.

Net Expense: The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2030 category average.

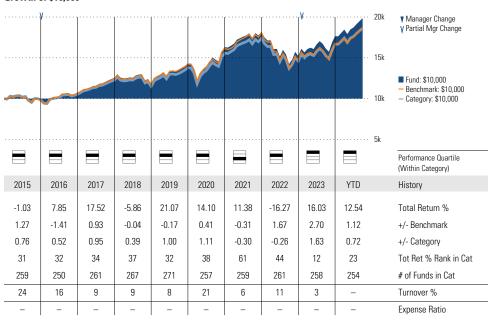
Morningstar Investment Management LLC Analysis

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.

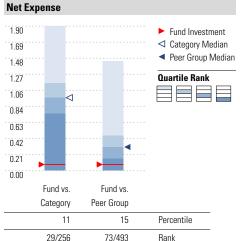
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000

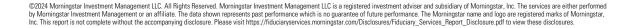






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.84	_	1.32
Beta	0.94	_	0.90
R-Squared	99.02	_	98.45
Standard Deviation	12.83	13.64	12.42
Sharpe Ratio	0.10	-0.02	0.06
Tracking Error	1.54	_	2.05
Information Ratio	1.15	_	0.64
Up Capture Ratio	99.16	_	94.25
Down Capture Ratio	89.89	_	87.55

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.44	21.22	22.01
Price/Book Ratio	2.68	2.77	3.08
Avg Eff Duration	6.37	-	5.81



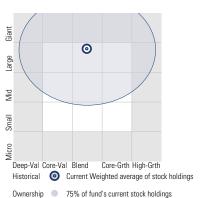


Vanguard Target Retirement 2030 Fund VTHRX

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

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity 32 21 21 5 6 8

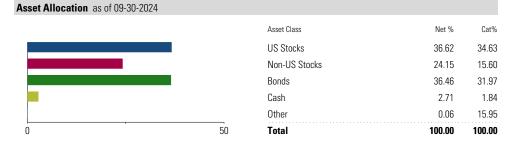
Large Mid2 3 2

Value Blend Growth

Fixed Income Quality High Μid Low Ltd Mod Duration

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund Benchmark Category Average	
وا	Cyclical	33.53	36.82	32.58		
à.	Basic Materials	4.21	4.07	3.81		
•	Consumer Cyclical	10.22	10.26	10.16		
<u></u>	Financial Services	16.13	15.03	15.18		
à	Real Estate	2.97	7.46	3.43		
Ųľ	Sensitive	46.38	44.14	47.10		
	Communication Services	7.03	6.48	7.24		
	Energy	4.29	3.92	4.11		
ž	Industrials	11.31	11.12	10.78		
]	Technology	23.75	22.62	24.97		
+	Defensive	20.10	19.04	20.31		
7	Consumer Defensive	6.05	5.70	5.70		
1	Healthcare	11.33	10.52	11.83		
1	Utilities	2.72	2.82	2.78		

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	36.71	36.71	_	_
⊕ Vanguard Total Bond Market II Idx Inv	-	26.63	63.34	_	-
○ Vanguard Total Intl Stock Index Inv	-	24.74	88.08	_	_
⊕ Vanguard Total Intl Bd II ldx Insl	-	11.32	99.40	_	_
	-	0.60	100.00	_	_
─ Us Dollar	_	0.00	100.00	-	_

Total Holdings 6



Vanguard Target Retirement 2035 Fund VTTHX

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

Portfolio Manager(s)

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

Quantitative Screens

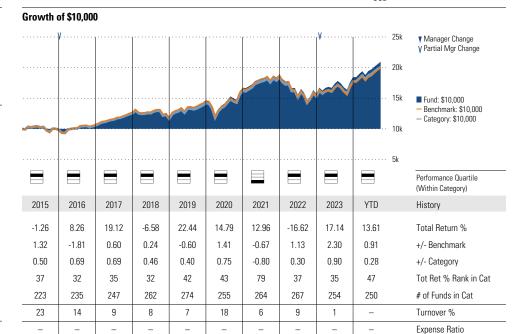
- Performance: The fund has finished in the Target-Date
 2035 category's top three quartiles in 9 of the 10 years it's
 been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Style: The fund has landed in its primary style box —
 Large Blend 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2035 category average.

Morningstar Investment Management LLC Analysis

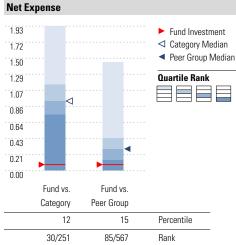
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.54	_	1.24
Beta	0.93	_	0.94
R-Squared	99.02	_	98.44
Standard Deviation	13.64	14.56	13.75
Sharpe Ratio	0.15	0.06	0.13
Tracking Error	1.67	_	1.96
Information Ratio	0.84	_	0.59
Up Capture Ratio	97.40	_	97.03
Down Capture Ratio	90.17	_	91.26

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	20.47	21.00	21.82					
Price/Book Ratio	2.69	2.74	3.01					
Avg Eff Duration	6.38	-	6.45					



Vanguard Target Retirement 2035 Fund VTTHX

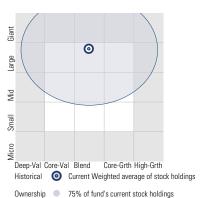
Quality High

Mid

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

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Fauity

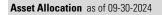
Lquity				TINGU	IIICUIIIC	
21	32	21	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

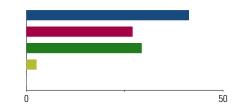
Fixed Income

Duration

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.05	15.37
Cash	2.50	2.21
Bonds	29.25	23.01
Non-US Stocks	26.94	18.56
US Stocks	41.27	40.86
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	: Ca	ategory	Averag	ge			
Դ	Cyclical	33.51	36.71	33.22											
A	Basic Materials	4.20	4.15	3.75		0									
A	Consumer Cyclical	10.23	10.34	10.24											
æ	Financial Services	16.10	15.22	15.16				Ô							
fi	Real Estate	2.98	7.00	4.07		ı []									
W	Sensitive	46.39	44.21	46.65											
	Communication Services	7.02	6.48	7.19											
•	Energy	4.28	3.97	4.07											
Ф	Industrials	11.30	11.26	10.70											
	Technology	23.79	22.50	24.69											
→	Defensive	20.10	19.08	20.13											
Ħ	Consumer Defensive	6.05	5.73	5.71											
+	Healthcare	11.33	10.52	11.64											
•	Utilities	2.72	2.83	2.78											
					0%	5	10	15	20	25	30	35	40	45	50

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	41.37	41.37	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	27.60	68.96	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	21.35	90.32	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	9.09	99.41	_	_
	-	0.59	100.00	-	_
⊕ Us Dollar	_	0.00	100.00	_	_

Total Holdings 6

Vanguard Target Retirement 2040 Fund VFORX

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

Portfolio Manager(s)

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

Quantitative Screens

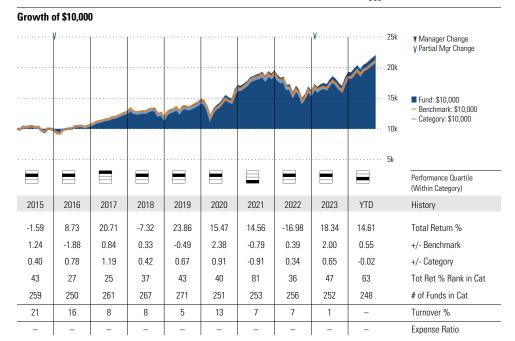
- Performance: The fund has finished in the Target-Date
 2040 category's top three quartiles in 9 of the 10 years it's
 been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Style: The fund has landed in its primary style box Large Blend — 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2040 category average.

Morningstar Investment Management LLC Analysis

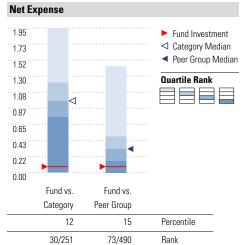
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3- Tear hisk wieurcs			
	Fund	Bmark	Cat
Alpha	1.15	_	0.93
Beta	0.93	_	0.96
R-Squared	98.94	_	98.37
Standard Deviation	14.44	15.37	14.81
Sharpe Ratio	0.20	0.13	0.19
Tracking Error	1.80	_	2.07
Information Ratio	0.53	_	0.40
Up Capture Ratio	96.31	_	97.87
Down Capture Ratio	91.24	-	93.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.53	20.79	21.69
Price/Book Ratio	2.70	2.70	3.00
Avg Eff Duration	6.37	-	7.09

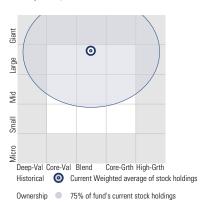


Vanguard Target Retirement 2040 Fund VFORX

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

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

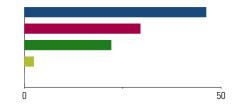
21	32	21	Large	
6	8	5	Mid	
2	3	2	Small	

Value Blend Growth

Fixed Income Quality High Μid Low Mod Ltd Duration

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

Asset Allocation as of 09-30-2024



Asset Class Net % Cat% US Stocks 46.18 48.18 Non-US Stocks 29.44 22.60 Bonds 22.02 13.36 Cash 2.31 1.65 Other 0.06 14.21 Total 100.00 100.00

Sector Weighting as of 09-	30-2024			
	Fund	Bmark	Cat	Fund Benchmark Category Average
ひ Cyclical	33.41	36.68	33.22	
Basic Materials	4.16	4.25	3.76	
Consumer Cyclical	10.22	10.42	10.28	
Financial Services	16.06	15.39	15.31	
Real Estate	2.97	6.62	3.87	
✓ Sensitive	46.48	44.22	46.67	
Communication Services	7.04	6.47	7.16	
Energy	4.27	4.00	4.15	
Industrials	11.27	11.39	10.85	
Technology	23.90	22.36	24.51	
→ Defensive	20.13	19.12	20.10	
Consumer Defensive	6.06	5.76	5.62	
Healthcare	11.35	10.52	11.78	
Utilities	2.72	2.84	2.70	
				0% 5 10 15 20 25 30 35 40 45

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	46.30	46.30	_	_
	_	30.14	76.44	_	-
① Vanguard Total Bond Market II ldx Inv	_	16.00	92.44	_	-
Vanguard Total Intl Bd II Idx Insl	_	6.92	99.36	_	-
⊕ Mktliq 12/31/2049	-	0.63	99.99	-	-
⊖ Us Dollar	-	0.01	100.00	-	_

Total Holdings 6



Vanguard Target Retirement 2045 Fund VTIVX

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

Expense Ratio

Portfolio Manager(s)

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

Quantitative Screens

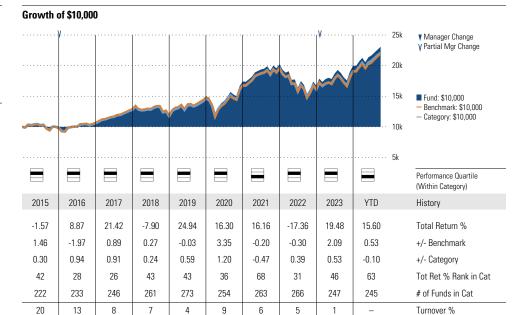
- Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Style: The fund has landed in its primary style box Large Blend — 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2045 category average.

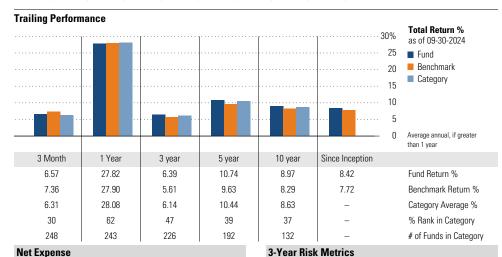
Morningstar Investment Management LLC Analysis

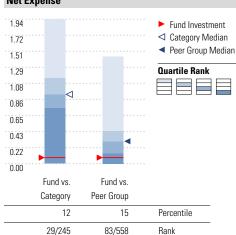
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
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 Wetrics			
	Fund	Bmark	Cat
Alpha	0.96	_	0.68
Beta	0.95	_	0.97
R-Squared	98.85	_	98.31
Standard Deviation	15.27	15.95	15.58
Sharpe Ratio	0.23	0.18	0.22
Tracking Error	1.81	-	2.11
Information Ratio	0.43	_	0.26
Up Capture Ratio	97.56	_	98.55
Down Capture Ratio	93.56	_	95.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.50	20.61	21.42
Price/Book Ratio	2.69	2.67	2.90
Avg Eff Duration	6.39	-	7.94

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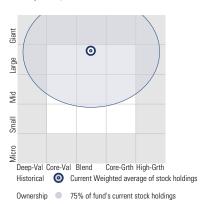


Vanguard Target Retirement 2045 Fund VTIVX

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

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity 32 21

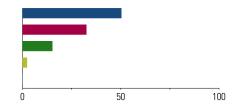


Value Blend Growth



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

Asset Allocation as of 09-30-2024



Total	100 00	100 00
Other	0.05	11.44
Cash	2.22	0.78
Bonds	15.09	8.96
Non-US Stocks	32.43	27.17
US Stocks	50.21	51.65
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	٦	▼ Ben	اده مماه	Пс	*****	Avera	~~			
_					Full	u	ben	Cillian	. [] (-)	ategory	Avera	ye Ţ			
Դ	Cyclical	33.45	36.75	33.94								- U :			
A.	Basic Materials	4.18	4.32	3.97											
A	Consumer Cyclical	10.22	10.48	10.30											
,	Financial Services	16.08	15.53	15.56											
ıπ	Real Estate	2.97	6.42	4.11		ı []									
W	Sensitive	46.43	44.16	46.37											
0	Communication Services	7.03	6.45	7.14		, T]								
•	Energy	4.27	4.03	4.16											
Ф	Industrials	11.29	11.49	10.94											
	Technology	23.84	22.19	24.13					_						
→	Defensive	20.11	19.11	19.69											
Ħ	Consumer Defensive	6.05	5.77	5.68											
+	Healthcare	11.34	10.50	11.38											
•	Utilities	2.72	2.84	2.63											
					0%	5	10	15	20	25	30	35	40	45	50

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	50.34	50.34	_	_
◆ Vanguard Total Intl Stock Index Inv	-	33.21	83.55	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	10.91	94.46	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	4.80	99.25	_	_
	-	0.76	100.01	-	_
⊕ Us Dollar	_	0.01	100.02	-	_

Total Holdings 6



Vanguard Target Retirement 2050 Fund VFIFX

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

Portfolio Manager(s)

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

Quantitative Screens

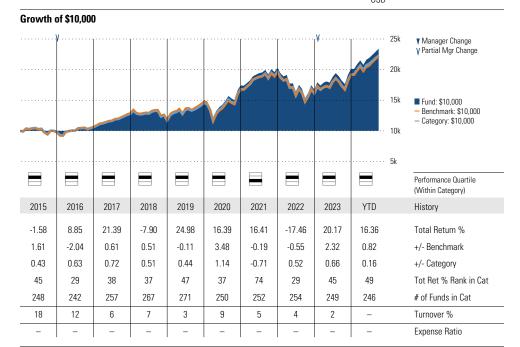
- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2050 category average.

Morningstar Investment Management LLC Analysis

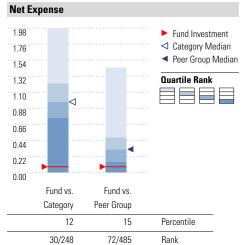
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.00	_	0.58
Beta	0.96	_	0.98
R-Squared	98.78	_	98.21
Standard Deviation	15.68	16.21	15.99
Sharpe Ratio	0.26	0.20	0.23
Tracking Error	1.84	-	2.18
Information Ratio	0.47	_	0.21
Up Capture Ratio	98.65	_	99.18
Down Capture Ratio	94.57	_	96.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.43	20.44	21.41
Price/Book Ratio	2.68	2.63	2.91
Avg Eff Duration	6.38	_	7.99



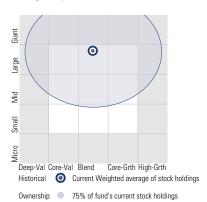
Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity 32 21 21

Large Mid5 6 8 2 3 2 Value Blend Growth

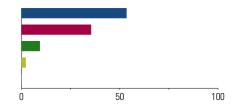


Fixed Income

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.06	10.24
Cash	2.05	0.64
Bonds	9.21	5.97
Non-US Stocks	35.31	28.46
US Stocks	53.37	54.68
Asset Class	Net %	Cat%

Sector Weighting as	of 09-30-2024												
	Fund	Bmark	Cat	Fund		▼ Ben	chmark	[] C	ategory	Avera	ge .		
ひ Cyclical	33.55	36.90	33.97										
Basic Materials	4.22	4.38	3.96		ľ								
Consumer Cyclical	10.23	10.51	10.32										
Financial Services	16.13	15.64	15.67										
Real Estate	2.97	6.37	4.02]								
✓ Sensitive	46.35	44.01	46.38										
Communication Servi	ces 7.02	6.42	7.13										
Energy	4.28	4.04	4.18										
Industrials	11.32	11.57	11.02										
Technology	23.73	21.98	24.05										
→ Defensive	20.10	19.09	19.64										
Consumer Defensive	6.06	5.77	5.64		= []								
Healthcare	11.32	10.47	11.41										
Utilities	2.72	2.85	2.59										
				0%	5	10	15	20	25	30	35	40	45

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.50	53.50	_	_
◆ Vanguard Total Intl Stock Index Inv	-	36.17	89.67	_	-
	_	6.61	96.28	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.98	99.26	_	_
	-	0.74	100.00	-	-
⊕ Us Dollar	-	0.00	100.00	_	_

Total Holdings 6

Vanguard Target Retirement 2055 Fund VFFVX

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

Turnover %
Expense Ratio

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Target-Date
 2055 category's top three quartiles in 9 of the 10 years it's
 been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% 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

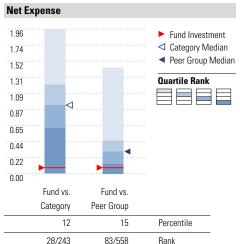
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





5

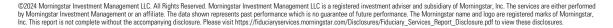
4



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	1.02	_	0.69
Beta	0.96	_	0.98
R-Squared	98.74	_	98.17
Standard Deviation	15.69	16.29	16.14
Sharpe Ratio	0.26	0.20	0.24
Tracking Error	1.89	-	2.21
Information Ratio	0.45	_	0.25
Up Capture Ratio	98.29	_	99.89
Down Capture Ratio	94.15	_	97.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.43	20.29	21.35
Price/Book Ratio	2.68	2.60	2.88
Avg Eff Duration	6.38	_	9.27



18

8

5

5

3

8



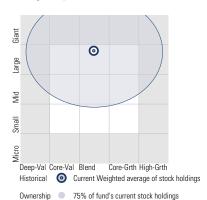
Vanguard Target Retirement 2055 Fund VFFVX

Morningstar Category Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

Equity

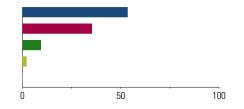
21	32	21	Large
6	8	5	Mid
2	3	2	Small

Value Blend Growth

Fixed Income Quality High MidLow Ltd Mod Duration

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

Asset Allocation as of 09-30-2024



Asset Class Net % Cat% US Stocks 53.41 54.28 Non-US Stocks 35.26 27.77 Bonds 9.30 5.49 Cash 1.97 0.68 Other 0.06 11.80 Total 100.00 100.00

Sec	ctor Weighting as of 09-3	30-2024											
		Fund	Bmark	Cat	Fund		▼ Ben	chmark	[] C	ategory	Avera	ge	
_Մ	Cyclical	33.53	37.14	34.12									
A.	Basic Materials	4.21	4.44	4.02		0							
A	Consumer Cyclical	10.23	10.53	10.36									
æ	Financial Services	16.12	15.74	15.55									
fi	Real Estate	2.97	6.43	4.19									
W	Sensitive	46.36	43.84	46.34									
	Communication Services	7.02	6.39	7.12									
ð	Energy	4.28	4.06	4.11		ĺ							
¢	Industrials	11.32	11.64	11.05									
	Technology	23.74	21.75	24.06									
→	Defensive	20.10	19.02	19.54									
=	Consumer Defensive	6.06	5.76	5.67									
٠	Healthcare	11.32	10.41	11.27									
•	Utilities	2.72	2.85	2.60									

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.53	53.53	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	36.12	89.66	_	-
① Vanguard Total Bond Market II Idx Inv	_	6.68	96.34	_	_
① Vanguard Total Intl Bd II Idx Insl	_	3.00	99.34	_	_
① Mktliq 12/31/2049	-	0.67	100.00	-	-
① Us Dollar	-	0.00	100.00	_	_

Total Holdings 6



Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category Target-Date 2060 Morningstar Index

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

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

Quantitative Screens

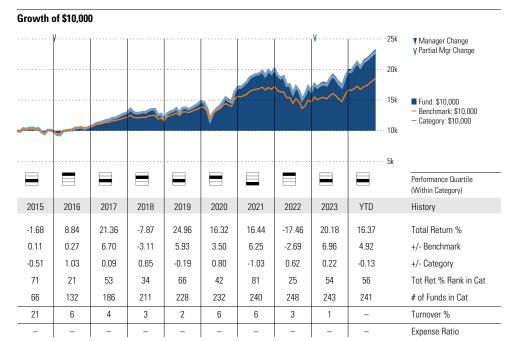
- Performance: The fund has finished in the Target-Date
 2060 category's top three quartiles in 9 of the 10 years it's
 been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2060 category average.

Morningstar Investment Management LLC Analysis

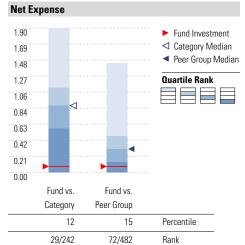
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	2.51	_	2.25
Beta	1.23	_	1.27
R-Squared	97.46	-	96.22
Standard Deviation	15.67	12.57	16.23
Sharpe Ratio	0.26	0.04	0.24
Tracking Error	3.83	-	4.60
Information Ratio	0.84	-	0.65
Up Capture Ratio	133.43	-	136.46
Down Capture Ratio	120.80	-	125.44

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	19.85	21.33
Price/Book Ratio	2.68	2.47	2.88
Avg Eff Duration	6.38	_	8.54



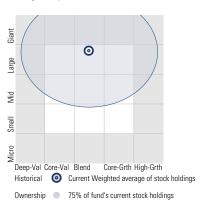
Vanguard Target Retirement 2060 Fund VTTSX

Asset Allocation as of 09-30-2024

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

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

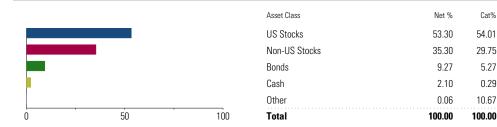
Equity

21	32	21	Large
6	8	5	Mid
2	3	2	Small

Value Blend Growth



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



	ctor Weighting as of 09-3		Б	0 :	-		_		По						
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	(Ca	ategory	Avera	ge	,		
_Մ	Cyclical	33.54	38.88	34.14											
æ.	Basic Materials	4.22	4.68	4.40											
A	Consumer Cyclical	10.22	10.74	10.10											
,	Financial Services	16.13	16.71	15.69											
ŵ	Real Estate	2.97	6.75	3.95		1[]									
W	Sensitive	46.35	41.54	46.41											
	Communication Services	7.01	5.28	6.93											
ð	Energy	4.29	4.30	4.61				_							
Ф	Industrials	11.32	12.75	11.07				*							
	Technology	23.73	19.21	23.80											
—	Defensive	20.11	19.59	19.46											
=	Consumer Defensive	6.06	6.26	5.58			į								
+	Healthcare	11.32	9.96	11.51											
•	Utilities	2.73	3.37	2.37		'									
					0%	5	10	15	20	25	30	35	40	45	5

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	53.42	53.42	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	36.16	89.58	_	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.64	96.22	_	-
	-	2.99	99.22	_	-
	-	0.77	99.98	-	-
⊖ Us Dollar	_	0.02	100.00	-	-

Total Holdings 6



Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category Target-Date 2065+

Morningstar Index

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Target-Date
 2065+ category's top three quartiles in 5 of the 7 years it's
 been in existence.
- Management: The fund's management has been in place for 7.22 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2065+ category average.

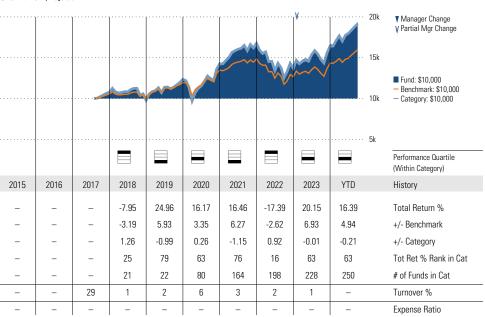
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000





Net Expe	nse		
1.92			Fund Investment
1.71			□ Category Median □ Category M
1.49			 Peer Group Median
1.28			Quartile Rank
1.07			
0.85			
0.64			
0.43			
0.21			
0.00			
F	und vs.	Fund vs.	
Ca	ategory	Peer Group	
	13	16	Percentile
	42/321	92/576	Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.54	_	2.62
Beta	1.23	_	1.27
R-Squared	97.46	-	95.61
Standard Deviation	15.66	12.57	16.71
Sharpe Ratio	0.26	0.04	0.25
Tracking Error	3.82	-	5.15
Information Ratio	0.85	_	0.65
Up Capture Ratio	133.41	_	137.26
Down Capture Ratio	120.63	_	124.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.41	19.85	20.90
Price/Book Ratio	2.67	2.47	2.76
Avg Eff Duration	6.38	_	8.96



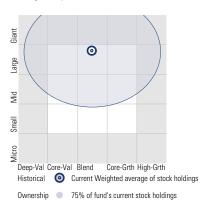
Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category Morningstar Index Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

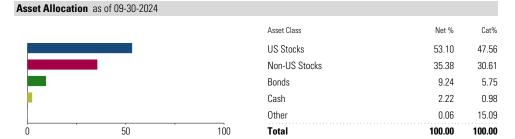
Equity

21	32	21	Large
6	8	5	Mid
2	3	2	Small
Value	Dland	Croudh	

Value Blend Growth

Fixed Income Quality High Μid Low Ltd Mod Duration

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



		Fund	Bmark	Cat	Fund	1	▼ Ben	chmark	l C:	ategory	Avera	ae		
b	Cyclical	33.57	38.88	34.36								1	7	
à.	Basic Materials	4.22	4.68	4.44		1								
4	Consumer Cyclical	10.23	10.74	10.16										
₽	Financial Services	16.14	16.71	15.60										
b	Real Estate	2.98	6.75	4.16		[]								
M	Sensitive	46.34	41.54	46.06										
	Communication Services	7.01	5.28	6.97										
•	Energy	4.28	4.30	4.36		ď								
\$	Industrials	11.34	12.75	11.50				*						
	Technology	23.71	19.21	23.23		-				0				
→	Defensive	20.09	19.59	19.57										
=	Consumer Defensive	6.06	6.26	5.73			į							
ř	Healthcare	11.31	9.96	11.41										
?	Utilities	2.72	3.37	2.43		1								

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Total Stock Mkt ldx Instl Pls	_	53.23	53.23	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	36.25	89.47	_	-
◆ Vanguard Total Bond Market II Idx Inv	-	6.63	96.10	_	-
Vanguard Total Intl Bd II Idx Insl	-	2.99	99.09	_	-
① Mktliq 12/31/2049	-	0.86	99.95	-	-
⊕ Us Dollar	_	0.05	100.00	-	_

Total Holdings 6



Vanguard Target Retirement 2070 Fund VSVNX

Morningstar Category Target-Date 2065+

Morningstar Index

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

- × Management: The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2065+ category average.

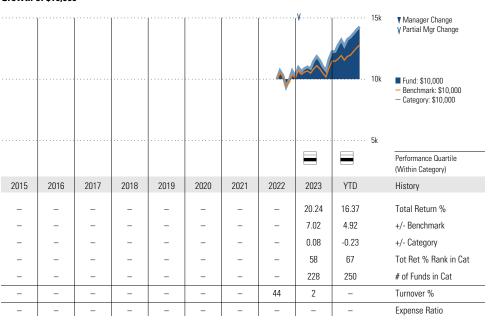
Morningstar Investment Management LLC Analysis

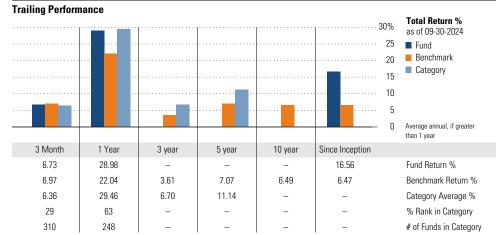
This fund fails the manager tenure screen due to a limited history for this target-date vintage.

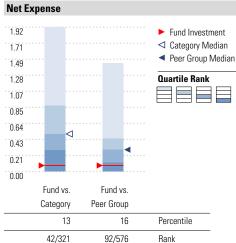
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022

Growth of \$10,000







3-Year KISK IVIETRICS			
	Fund	Bmark	Cat
Alpha	-	-	2.62
Beta	-	-	1.27
R-Squared	-	-	95.61
Standard Deviation	-	12.57	16.71
Sharpe Ratio	-	0.04	0.25
Tracking Error	-	-	5.15
nformation Ratio	-	-	0.65
Jp Capture Ratio	-	-	137.26
Down Capture Ratio	-	-	124.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.48	19.85	20.90
Price/Book Ratio	2.69	2.47	2.76
Avg Eff Duration	6.39	_	8.96



Vanguard Target Retirement 2070 Fund VSVNX

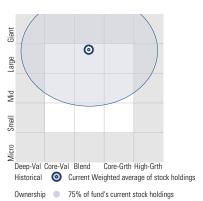
Quality High MidLow

Morningstar Category Morningstar Index Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



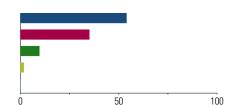
Style Breakdown

Equity				Fixed	Income
21	32	21	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

Asset Class Net % Cat% US Stocks 47.56 53.89 Non-US Stocks 34.95 30.61 Bonds 9.54 5.75 Cash 1.57 0.98 Other 0.05 15.09 Total 100.00 100.00

		Fund	Bmark	Cat	Fund	۱ ۰	Bend	chmark	[] C	ategory	Avera	ge	_	
Դ	Cyclical	33.48	38.88	34.36		÷							1	
A.	Basic Materials	4.19	4.68	4.44										
A	Consumer Cyclical	10.22	10.74	10.16										
,	Financial Services	16.09	16.71	15.60				0						
fit.	Real Estate	2.98	6.75	4.16										
Ma.	Sensitive	46.42	41.54	46.06										
	Communication Services	7.03	5.28	6.97										
ð	Energy	4.28	4.30	4.36		i		_						
Ф	Industrials	11.29	12.75	11.50				1						
	Technology	23.82	19.21	23.23					•					
→	Defensive	20.11	19.59	19.57										
=	Consumer Defensive	6.06	6.26	5.73										
٠	Healthcare	11.33	9.96	11.41										
•	Utilities	2.72	3.37	2.43		'								

Top 6 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx InstI Pls	_	54.02	54.02	_	_
Vanguard Total Intl Stock Index Inv	_	35.79	89.81	_	-
Vanguard Total Bond Market II ldx Inv	_	6.96	96.77	_	-
Vanguard Total Intl Bd II Idx Insl	_	2.98	99.75	_	-
⊕ Mktliq 12/31/2049	-	0.16	99.91	-	_
⊕ Us Dollar	_	0.09	100.00	-	-

Total Holdings 6



Vanguard Target Retirement Income Fund VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

Expense Ratio

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Target-Date
 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 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 85.45% lower than the Target-Date Retirement category average.

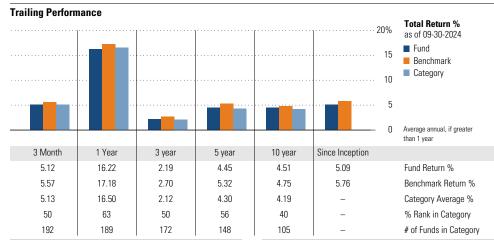
Morningstar Investment Management LLC Analysis

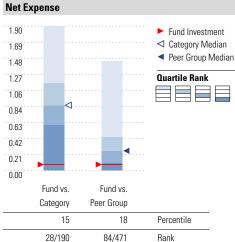
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
ESG Commitment	1-Low	02-15-2022







Fund	Bmark	Cat
-0.34	_	-0.49
0.94	_	0.98
97.99	_	97.01
8.72	9.22	9.18
-0.15	-0.08	-0.15
1.37	_	1.77
-0.37	_	-0.36
93.37	_	97.18
96.13	_	101.07
	-0.34 0.94 97.99 8.72 -0.15 1.37 -0.37	-0.34 - 0.94 - 97.99 - 8.72 9.22 -0.15 -0.08 1.370.37 - 93.37 -

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.37	22.08	21.46
Price/Book Ratio	2.67	2.94	2.78
Avg Eff Duration	5.42	-	6.11

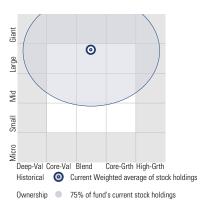


Vanguard Target Retirement Income Fund VTINX

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

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

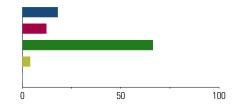
Equity				Fixed	Income		Quality
21	32	21	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	_

Duration

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.06	12.84
Cash	3.82	3.87
Bonds	66.28	53.39
Non-US Stocks	12.03	9.30
US Stocks	17.83	20.61
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	t	▼ Ben	chmark	[] Ca	ategory	Averag	ge			
_Մ	Cyclical	33.59	36.71	36.64											
å.	Basic Materials	4.23	3.75	3.73		Ó	1								
A	Consumer Cyclical	10.23	10.01	9.75											
ø	Financial Services	16.14	14.39	14.80											
fi	Real Estate	2.99	8.56	8.36											
W#	Sensitive	46.31	44.33	44.13											
	Communication Services	7.01	6.56	6.81											
ð	Energy	4.30	3.80	3.96		0									
Ф	Industrials	11.34	10.61	10.13											
	Technology	23.66	23.36	23.23						0					
→	Defensive	20.10	18.95	19.23											
	Consumer Defensive	6.07	5.63	5.59											
٠	Healthcare	11.31	10.53	10.63											
•	Utilities	2.72	2.79	3.01											
					0%	5	10	15	20	25	30	35	40	45	

Top 7 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	36.46	36.46	_	_
→ Vanguard Total Stock Mkt Idx Instl Pls	_	17.87	54.33	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	16.75	71.08	_	_
→ Vanguard Total Intl Bd II Idx Insl	_	15.86	86.94	_	_
O Vanguard Total Intl Stock Index Inv	_	12.32	99.26	-	-
	_	0.72	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

Total Holdings 7

Vanguard Value Index Adm VVIAX

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Large 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 29.77 years.
- Style: The fund has landed in its primary style box Large Value — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.05 is 94.38% lower than the Large Value category average.

Morningstar Investment Management LLC Analysis

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

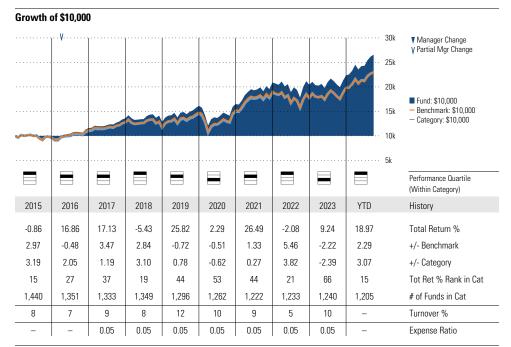
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

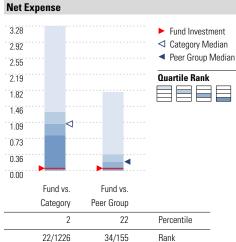


Morningstar Index

Russell 1000 Value TR USD







3-Year Risk Metrics					
	Fund	Bmark	Cat		
Alpha	2.91	_	0.87		
Beta	0.93	_	0.95		
R-Squared	97.76	_	93.93		
Standard Deviation	15.69	16.65	16.42		
Sharpe Ratio	0.54	0.37	0.41		
Tracking Error	2.60	_	4.14		
Information Ratio	1.00	_	0.14		
Up Capture Ratio	97.97	_	96.16		
Down Capture Ratio	85.95	_	92.64		

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.86	20.63	19.28
Price/Book Ratio	2.93	2.67	2.57
Geom Avg Mkt Cap \$B	129.23	82.91	136.41
ROE	22.84	17.78	22.00



Vanguard Value Index Adm VVIAX

Asset Allocation as of 09-30-2024

Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

Cat%

91.81

5.74

0.21

1.14

100.00

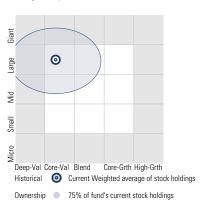
0.82

0.00

0.00

Style Analysis as of 09-30-2024

Morningstar Style Box™



Style Breakdown

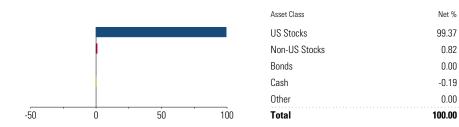
Equity

1. /			
46	22	3	Large
12	14	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat
b	Cyclical	32.14	36.02	33.33
ė.	Basic Materials	2.26	3.96	3.39
Д,	Consumer Cyclical	5.00	6.72	7.00
ê	Financial Services	21.59	20.36	19.46
ŵ	Real Estate	3.29	4.98	3.48
MI	Sensitive	34.22	35.42	37.50
	Communication Services	3.23	4.27	5.53
ð	Energy	6.61	6.74	7.74
Φ	Industrials	13.12	13.94	11.37
	Technology	11.26	10.47	12.86
-	Defensive	33.65	28.55	29.16
Ħ	Consumer Defensive	10.40	7.88	8.68
+	Healthcare	18.05	15.61	15.08
•	Utilities	5.20	5.06	5.40

Top 15 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Berkshire Hathaway Inc Class B	3.18	3.18	29.05	Financial Services
⊕ JPMorgan Chase & Co	2.74	5.92	25.93	Financial Services
⊕ UnitedHealth Group Inc	2.47	8.38	12.21	Healthcare
⊕ Exxon Mobil Corp	2.38	10.76	20.09	Energy
◆ Procter & Gamble Co	1.86	12.62	20.21	Consumer Defensive
The Home Depot Inc	1.84	14.46	18.87	Consumer Cyclical
→ Broadcom Inc	1.83	16.30	55.95	Technology
⊕ Johnson & Johnson	1.78	18.08	5.74	Healthcare
⊕ Walmart Inc	1.63	19.71	54.85	Consumer Defensive
⊕ AbbVie Inc	1.59	21.30	30.43	Healthcare
⊕ Merck & Co Inc	1.32	22.62	6.28	Healthcare
⊕ Oracle Corp	1.29	23.91	62.76	Technology
⊕ Coca-Cola Co	1.27	25.18	24.41	Consumer Defensive
⊕ Bank of America Corp	1.27	26.44	20.05	Financial Services
⊕ Chevron Corp	1.17	27.61	2.01	Energy

Total Holdings 339

