AB Global Bond I ANAIX

Portfolio Manager(s)

Scott DiMaggio since 08-2005 Matthew Sheridan since 01-2007 John Taylor since 02-2019 Christian DiClementi since 01-2024

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 19.1 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.57 is 18.57% lower than the Global Bond-USD Hedged category average.

Morningstar Investment Management LLC Analysis

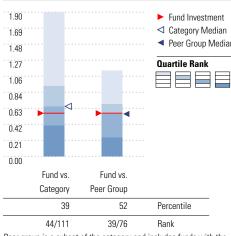
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024

Growth	of \$10,000)								
				(V	yy				V 15k	▼ Manager Change γ Partial Mgr Change
								~~~~	10k	<ul> <li>■ Fund: \$10,000</li> <li>─ Benchmark: \$10,000</li> <li>─ Category: \$10,000</li> </ul>
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
0.67	5.78	3.13	0.31	7.59	5.05	-0.77	-11.93	6.93	4.11	Total Return %
0.12	3.13	-0.41	0.30	-1.13	-2.46	0.77	1.08	1.40	-0.34	+/- Benchmark
0.72	1.65	-0.60	-0.37	-1.14	-1.12	1.12	0.71	-0.88	-0.37	+/- Category
31	25	54	60	68	69	20	36	70	59	Tot Ret % Rank in Cat
80	74	88	108	116	117	116	122	115	110	# of Funds in Cat
167	113	107	369	126	135	130	159	177	-	Turnover %
-	-	0.56	0.54	0.55	0.58	0.55	0.56	0.57	-	Expense Ratio





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

0.38 0.81 85.14 6.64 -0.69 Tracking Error 2.04 3.14 Information Ratio 0.34 0.21 Up Capture Ratio 82.28 81.19 Down Capture Ratio 78.52 77.95 **Portfolio Metrics** Fund Bmark Cat

Avg Eff Duration	6.42	4.43	5.76
Avg Eff Maturity	8.48	-	7.84

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Morningstar Category

Global Bond-USD Hedged

Morningstar Index

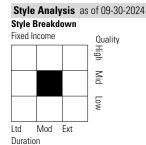
Bloomberg US Agg Bond TR USD

А

В

Not Rated

# AB Global Bond I ANAIX

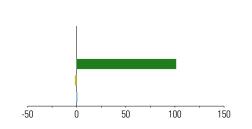


**Credit Rating Breakdown** Fund Bmark Cat 47.55 3.53 33.09 AAA AA 13.46 74.59 11.34 24.38 10.82 26.03 BBB 21.88 8.32 21.22 BB 2.64 0.28 2.85 0.42 0.00 1.80 Below B 0.33 0.00 0.63

-10.65

2.46

3.04



#### Asset Class Net % Cat% US Stocks 0.05 0.03 Non-US Stocks 0.00 0.00 Bonds 101.04 70.71 Cash -1.59 29.11

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

	Fund	Bmark	Cat	Fund	۲	Bench	nmark	Cate	gory Ave	erage		
Government	33.73	-	36.58		-				-	-		
Treasury	21.53	_	25.15			-						
Inflation – Protected	2.37	-	1.24									
Agency/Quasi Agency	2.98	-	3.23									
Other Government Related	6.85	_	6.96									
Corporate	14.81	-	12.28									
Corporate Bond	14.50	-	11.98									
Bank Loan	0.08	-	0.17	0								
Convertible	0.00	-	0.09	0								
Preferred	0.23	-	0.04	0								
Securitized	12.83	-	6.19									
Agency MBS Pass-Through	6.99	_	3.77									
Agency MBS ARM	0.00	-	0.00	0								
Agency MBS CMO	1.19	-	0.32	(								
Non-Agency Residential MBS	0.04	-	0.16									
Commercial MBS	0.70	-	0.39	0								
Asset-Backed	2.42	-	1.25									
Covered Bond	1.49	_	0.30	(								
Municipal	0.28	-	0.08	0								
Cash & Equivalents	3.99	-	2.69									
Other	34.35	-	42.21		-							0
				0%	5	10	15	20	25	30	35	40

Other

Total

#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ EUR FWD VS USD 0% 25/10/2024 Sold	10-2024	19.21	19.21	_
⊖ EUR FWD VS USD 0% 25/10/2024 Purchased	10-2024	19.21	38.42	-
⊖ U.S. \$ CASH BALANCE 0%	_	10.85	49.27	-
⊖ EUR FWD VS USD 0% 12/09/2024 Sold	09-2024	7.95	57.22	-
EUR FWD VS USD 0% 12/09/2024 Purchased	09-2024	7.95	65.17	_
⊕ 2 Year Treasury Note Future Dec 24	12-2024	5.65	70.81	-
⊖ CAD FWD VS USD 0% 07/11/2024 Purchased	11-2024	5.33	76.14	-
⊖ CAD FWD VS USD 0% 07/11/2024 Sold	11-2024	5.33	81.47	-
	10-2024	5.07	86.55	-
⊖ JPY FWD VS USD 0% 17/10/2024 Sold	10-2024	5.07	91.62	-

#### Total Holdings 1829

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Globa

**Morningstar Index** loomberg US Agg Bond TR USD

0.51

100.00

0.14

100.00

al Bond-USD	Hedged	Blo

## American Century Inflation Adjs Bond R5 AIANX

Growth of \$10,000

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

Portfolio Manager(s)

Robert Gahagan since 11-2001 James Platz since 09-2007 Miguel Castillo since 02-2014 Steve Bartolini since 09-2024

#### Quantitative Screens

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

Management: The fund's management has been in place for 22.85 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.34 is 49.25% 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	05-31-2024

				¥. 15k	▼ Manager Change γ Partial Mgr Change					
								~~~~		<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
									5k	
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-1.95	4.85	3.29	-2.23	8.07	10.51	6.59	-12.21	3.28	5.05	Total Return %
-0.51	0.17	0.28	-0.97	-0.36	-0.48	0.63	-0.36	-0.62	0.20	+/- Benchmark
0.41	0.26	0.57	-0.59	0.15	0.50	0.98	-3.23	0.46	0.25	+/- Category
40	31	22	80	50	46	13	68	74	34	Tot Ret % Rank in Cat
197	194	187	180	178	163	162	162	162	164	# of Funds in Cat
18	14	21	23	21	24	22	30	18	22	Turnover %
_	-	0.27	0.27	0.27	0.27	0.27	0.26	0.31	0.34	Expense Ratio



Standard Deviation

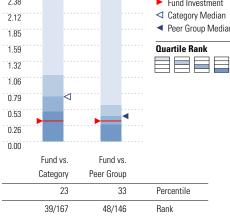
Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio



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

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.83	4.52	5.50
Avg Eff Maturity	8.02	-	6.78

7 35

-0.60

0.53

-0.49

102.55

104.99

7 18

-0.58

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7.78

-0.60

1.66

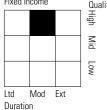
-0.49

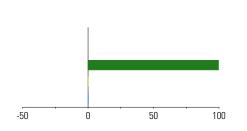
98.55

101.62

American Century Inflation Adjs Bond R5 AIANX

Style Analysis as of 09-30-2024 Style Breakdown Eixed Income Quality





Total	100.00	100.00
Other	0.42	1.43
Cash	-0.01	2.24
Bonds	99.60	96.14
Non-US Stocks	0.00	-0.08
US Stocks	0.00	0.28
Asset Class	Net %	Cat%

Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	91.42	0.00	33.63
AA	0.67	99.60	62.08
A	2.47	0.00	0.83
BBB	1.86	0.00	0.96
BB	1.49	0.00	0.10
В	0.12	0.00	0.02
Below B	0.00	0.00	0.08
Not Rated	1.97	0.40	2.30

Fund	Bmark	Cat	Fund • Benchmark] Category Average
90.86	-	85.91	
0.00	-	0.38	0
68.80	-	80.08	
0.00	-	0.10	
22.06	-	5.35	
3.92	-	1.05	
3.56	-	1.02	
0.00	-	0.00	
0.00	-	0.00	Ū.
0.36	-	0.03	Ú
4.19	-	4.67	
0.00	-	2.24	10
0.00	-	0.00	Ú
0.19	-	0.38	
1.59	-	0.05	
1.05	-	0.23	D
1.36	-	1.74	
0.00	-	0.03	
0.00	-	0.01	
1.03	-	8.21	
0.00	-	0.14	
	90.86 0.00 68.80 0.00 22.06 3.92 3.56 0.00 0.00 0.36 4.19 0.00 0.00 0.19 1.59 1.05 1.36 0.00 0.00 0.00 0.00 1.03	90.86 - 0.00 - 68.80 - 0.00 - 22.06 - 3.56 - 0.00 - 3.56 - 0.00 - 0.00 - 0.36 - 0.00 - 0.00 - 0.00 - 0.00 - 1.59 - 1.36 - 0.00 - 1.36 - 0.00 - 1.36 - 0.00 - 1.36 - 0.00 -	90.86 - 85.91 0.00 - 0.38 68.80 - 80.08 0.00 - 0.10 22.06 - 5.35 3.92 - 1.02 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.36 - 0.03 4.19 - 4.67 0.00 - 0.00 0.36 - 0.03 1.59 - 0.23 1.59 - 0.23 1.36 - 1.74 0.00 - 0.03 1.36 - 0.03

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

Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Dec24 Xcbt 20241231	12-2024	7.77	7.77	-
igodot United States Treasury Notes 0.125%	04-2027	4.38	12.15	-
⊕ United States Treasury Notes 1.375%	07-2033	4.11	16.26	-
⊕ United States Treasury Notes 0.625%	07-2032	3.88	20.14	-
⊕ United States Treasury Notes 0.5%	01-2028	3.76	23.90	-
\odot United States Treasury Notes 0.625%	01-2026	3.07	26.97	-
⊕ United States Treasury Notes 0.25%	07-2029	2.93	29.89	-
igodot United States Treasury Notes 0.125%	07-2031	2.87	32.77	_
⊕ United States Treasury Notes 1.125%	01-2033	2.87	35.64	-
⊖ United States Treasury Notes 0.125%	01-2031	2.80	38.44	-

Total Holdings 154

 \oplus Increase \oplus Decrease otin New to Portfolio

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Morningstar Category M Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

American Funds Capital World Gr&Inc R6 RWIGX

Portfolio Manager(s) Sung Lee since 02-2006 Alfonso Barroso since 02-2007 Michael Cohen since 11-2014 Reed Lowenstein since 02-2019

Lara Pellini since 02-2019 Jin Lee since 02-2019 Leo Hee since 10-2019 Jeremy Burge since 01-2020 Renaud Samyn since 02-2020 Diana Wagner since 02-2022

Quantitative Screens

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

Management: The fund's management has been in place for 18.67 years.

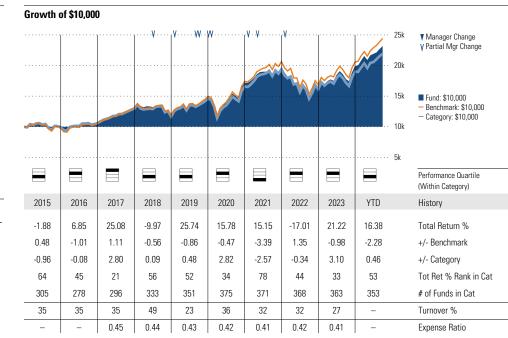
Net Expense: The fund's expense ratio of 0.41 is 57.73% lower than the Global Large-Stock Blend category average.

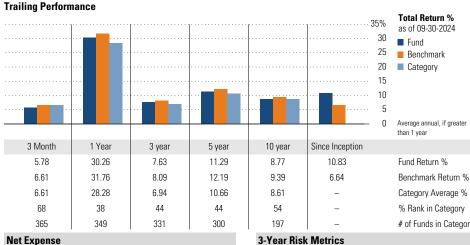
Morningstar Investment Management LLC Analysis

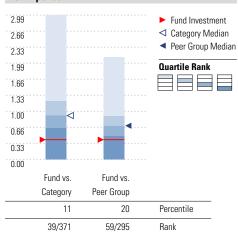
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

ESG Metrics

Rating	Updated
2	08-31-2024
Low Risk	12-31-2022
1-Low	05-18-2022
	2 Low Risk







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

of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha -0.30 -0.82 0.99 0.97 Reta R-Squared 96.41 92.13 16.57 Standard Deviation 16 67 16.83 Sharpe Ratio 0.30 0.32 0.26 Tracking Error 3.17 4.57 Information Ratio -0.15 -0.22 Up Capture Ratio 98.97 96.54 Down Capture Ratio 100.65 100.58

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 21 61 21 79 21.53 Price/Book Ratio 3.41 3.04 3.11 Geom Avg Mkt Cap \$B 148 43 159 41 153 64 ROE 24.72 27.22 26.19

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Global Large-Stock Blend MSCI ACWI

MSCI ACWI NR USD

American Funds Capital World Gr&Inc R6 RWIGX

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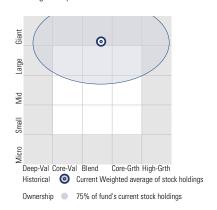
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Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

World Regions % Equity 09-30-2024

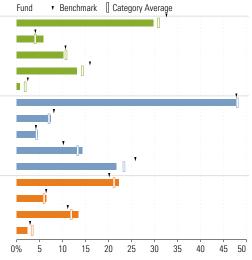


50

Asset Allocation as of 09-30-2024

Asset Class Net % Cat% US Stocks 48.84 62.32 Non-US Stocks 47.02 35.45 Bonds 0.09 0.36 Cash 3.93 0.90 Other 0.12 0.98 Total 100.00 100.00

Sector Weighting as of 09-30-2024 Cat Fund Bmark Cyclical 29.70 32.41 30.85 Basic Materials 5.77 3.91 4.02 Consumer Cyclical 10.14 10.46 10.72 13.07 **Financial Services** 15 78 14 27 Real Estate 0.72 2.26 1.84 Sensitive 48.06 47.62 47.96 **Communication Services** 7.45 7.94 7.03 Energy 4.63 4.03 4.32 Industrials 14.33 10.00 13.28 Technology 21.65 25.65 23.33 22.24 19.97 Defensive 21.18 **Consumer Defensive** 6.52 6.26 5.96 Healthcare 13.39 10.95 11.86 Utilities 2.33 2.76 3.36



	Greater Asia	Fund % 15.31	Cat % 12.43	Americas	Fund % 57.18	Cat % 66.93	Greater Europe	Fund % 27.52	Cat % 20.64	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	4.51 0.32 6.02 4.46	4.55 0.76 3.79 3.33	North America Central/Latin	55.80 1.38	66.23 0.70	United Kingdom W euro-ex UK Emrgng Europe Africa	6.93 20.45 0.00 0.14	5.72 14.56 0.13 0.23	Developed Markets Emerging Markets Not Available	94.16 5.84 0.00
>75	Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	3.90	3.90	55.95	Technology
\oplus Capital Group Central Cash Fund	3.84	7.75	-	-
⊖ Microsoft Corp	3.57	11.32	15.03	Technology
\oplus Taiwan Semiconductor Manufacturing Co Ltd	3.34	14.65	-	Technology
① Apple Inc	2.10	16.75	21.40	Technology
\ominus Philip Morris International Inc	1.74	18.50	33.24	Consumer Defensive
\ominus Eli Lilly and Co	1.74	20.23	52.65	Healthcare
\ominus UnitedHealth Group Inc	1.57	21.80	12.21	Healthcare
⊖ GE Aerospace	1.55	23.35	78.88	Industrials
\oplus Meta Platforms Inc Class A	1.42	24.78	62.15	Communication Svc

Total Holdings 323

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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Morningstar Category

Global Large-Stock Blend MSCI ACWI NR USD

Morningstar Index

American Funds Intl Gr and Inc R6 RIGGX

Portfolio Manager(s)

Steven Watson since 10-2008 Andrew Suzman since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Michael Cohen since 07-2018 Lisa Thompson since 09-2018 Barbara Burtin since 09-2024 Bobby Chada since 09-2024

Quantitative Screens

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

Management: The fund's management has been in place for 16.01 years.

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

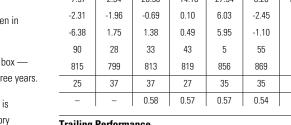
Net Expense: The fund's expense ratio of 0.54 is 34.94% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

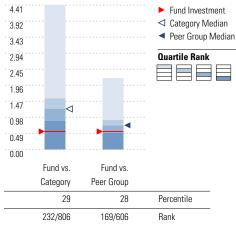
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Growth of \$10,000



Net Expense



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

Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.24 -0.05 0.99 1 02 Beta _ R-Squared 92.90 94.18 Standard Deviation 16.34 16 70 17.33 Sharpe Ratio 0 11 0 10 0.10 Tracking Error 4.03 4.62 Information Ratio 0.04 0.00 Up Capture Ratio 102.01 105.97 Down Capture Ratio 101.60 107.27

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 15.71 15 78 15.57 Price/Book Ratio 1.84 1.85 1.89 Geom Avg Mkt Cap \$B 57.70 52 84 63.57

18.74

ROE

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16.65

18.70

Morningstar Category

Foreign Large Blend

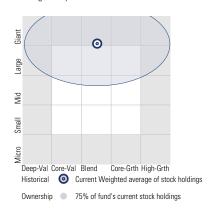
Morningstar Index

MSCI ACWI Ex USA NR USD

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									····· 5k	
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-7.97	2.54	26.50	-14.10	27.54	8.20	10.12	-15.16	15.72	11.57	Total Return %
-2.31	-1.96	-0.69	0.10	6.03	-2.45	2.30	0.84	0.10	-2.64	+/- Benchmark
-6.38	1.75	1.38	0.49	5.95	-1.10	0.40	0.68	-0.53	-1.51	+/- Category
90	28	33	43	5	55	54	44	63	81	Tot Ret % Rank in Cat
815	799	813	819	856	869	852	837	831	798	# of Funds in Cat
25	37	37	27	35	35	23	34	31	31	Turnover %
-	-	0.58	0.57	0.57	0.54	0.54	0.53	0.54	0.54	Expense Ratio
ailing	Performa				]					Total Return % as of 09-30-2024
									····· 25 ···· 20	<ul> <li>Fund</li> <li>Benchmark</li> <li>Category</li> </ul>

## American Funds Intl Gr and Inc R6 RIGGX

#### Style Analysis as of 09-30-2024 Morningstar Style Box™



#### Style Breakdown



#### Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2024

0	50	100

#### Sector Weighting as of 09-30-2024

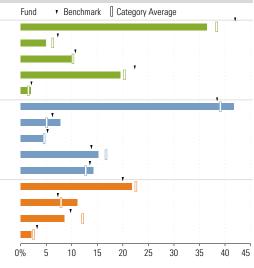
Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	36.43	41.84	38.35
æ.	Basic Materials	4.99	7.13	6.28
	Consumer Cyclical	9.90	10.56	10.23
ц.	Financial Services	19.56	22.19	20.32
ŵ	Real Estate	1.98	1.96	1.52
w	Sensitive	41.76	38.31	39.09
G	Communication Services	7.76	6.08	5.08
0	Energy	4.61	5.12	4.58
Ф	Industrials	15.18	13.70	16.70
	Technology	14.21	13.41	12.73
	Defensive	21.80	19.84	22.55
E	Consumer Defensive	11.15	7.14	7.90
٠	Healthcare	8.59	9.63	12.14
<b>9</b>	Utilities	2.06	3.07	2.51
-				

Morningstar Index **Morningstar Category** Foreign Large Blend

MSCI ACWI Ex USA NR USD

Total	100.00	100.00
Other	0.21	1.53
Cash	4.53	0.63
Bonds	0.12	0.55
Non-US Stocks	90.18	93.48
US Stocks	4.96	3.83
Asset Class	Net %	Cat%



	Greater Asia	Fund % 29.98	Cat % 34.59	Americas	Fund % 12.63	Cat % 8.81	Greater Europe	Fund % 57.38	Cat % 56.59	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	6.83 0.44 12.74 9.97	18.85 4.68 6.46 4.60	North America Central/Latin	9.78 2.85	7.75 1.06	United Kingdom W euro-ex UK Emrgng Europe Africa	14.16 42.35 0.00 0.87	13.90 41.71 0.12 0.86	Developed Markets Emerging Markets Not Available	86.75 13.25 0.00
>75	Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash M	4.75	4.75	_	_
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	4.07	8.82	_	Technology
⊖ Novo Nordisk AS Class B	2.50	11.31	_	Healthcare
⊖ AstraZeneca PLC	2.10	13.41	11.52	Healthcare
$\ominus$ ASML Holding NV	1.98	15.40	10.07	Technology
🕀 TotalEnergies SE	1.93	17.33	-0.06	Energy
€ MediaTek Inc	1.67	18.99	_	Technology
➔ BAE Systems PLC	1.61	20.60	13.10	Industrials
🕀 British American Tobacco PLC	1.39	21.99	26.36	Consumer Defensive
$\oplus$ Tencent Holdings Ltd	1.39	23.38	_	Communication Svc

## Total Holdings 251

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

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## American Funds Invmt Co of Amer R6 RICGX

Growth of \$10,000

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 32.61 years.

Style: The fund has landed in its primary style box — Large Blend — 80 % of the time over the past three years.

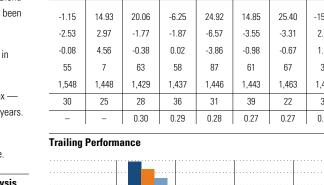
Net Expense: The fund's expense ratio of 0.27 is 63.01% lower than the Large Blend category average.

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

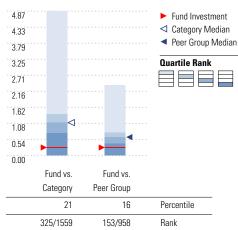
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022







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

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha 2.19 -1.07 0.92 0.94 Beta R-Squared 96.80 94.38 Standard Deviation 16 40 17 53 16.95 Sharpe Ratio 0.63 0 52 0.42 Tracking Error 3 25 3.71 Information Ratio 0.47 -1.34 Up Capture Ratio 98.25 92.03 Down Capture Ratio 91.04 96.37 **Portfolio Metrics** 

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater than 1 year

Category

Fund

40%

35

30

25

20 15

10

5

0

	Fund	Bmark	Cat
Price/Earnings Ratio	27.09	27.50	26.80
Price/Book Ratio	4.58	4.80	5.15
Geom Avg Mkt Cap \$B	278.67	328.12	362.94
ROE	27.64	33.77	33.76

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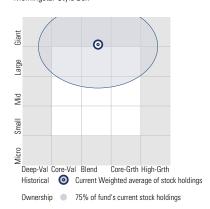
Morningstar Category Morningstar Index Large Blend

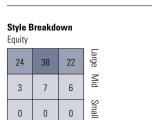
S&P 500 TR USD

· · · ¥. · · · ·			·····	.vv	· ¥ · · · · ·	· ·¥ · · · · · ·	¥		/	35k 30k	▼ Manager Change V Partial Mgr Change
·····			~~~~						· · · · · · · · · · · · · · · · · · ·	25k 20k 15k 10k	<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
										5k	Performance Quartile
											(Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD		History
-1.15	14.93	20.06	-6.25	24.92	14.85	25.40	-15.26	28.88	22.48		Total Return %
-2.53	2.97	-1.77	-1.87	-6.57	-3.55	-3.31	2.85	2.59	0.40		+/- Benchmark
-0.08	4.56	-0.38	0.02	-3.86	-0.98	-0.67	1.70	6.56	3.13		+/- Category
55	7	63	58	87	61	67	31	11	19		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
30	25	28	36	31	39	22	31	29	-		Turnover %
_	-	0.30	0.29	0.28	0.27	0.27	0.27	0.27	-		Expense Ratio

## American Funds Invmt Co of Amer R6 RICGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

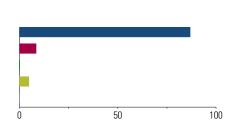
Value Blend Growth

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	7.07	7.07	15.03	Technology
$oldsymbol{eta}$ Capital Group Central Cash Fund	4.64	11.71	-	-
igodolog Meta Platforms Inc Class A	4.57	16.28	62.15	Communication Svc
$\ni$ Broadcom Inc	4.56	20.84	55.95	Technology
⊖ Amazon.com Inc	3.42	24.26	22.63	Consumer Cyclical
$\oplus$ Apple Inc	2.96	27.22	21.40	Technology
$\ni$ GE Aerospace	2.87	30.09	78.88	Industrials
$\ni$ Alphabet Inc Class A	2.17	32.26	19.01	Communication Svc
$\ni$ Alphabet Inc Class C	2.15	34.41	18.92	Communication Svc
$ igoponum \in$ Royal Caribbean Group	2.08	36.49	37.28	Consumer Cyclical
🕀 UnitedHealth Group Inc	1.97	38.46	12.21	Healthcare
igodolog Carrier Global Corp Ordinary Shares	1.88	40.35	40.77	Industrials
Đ British American Tobacco PLC	1.85	42.20	26.36	Consumer Defensive
ightarrow Philip Morris International Inc	1.76	43.95	33.24	Consumer Defensive
⊖ RTX Corp	1.72	45.68	46.20	Industrials

#### Total Holdings 202

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



Fund

27.37

3.27

11.20

11.57

1.33

51.90

11.27

1.95

13.24

25 44

20.72

5.65

12.57

2.50

Bmark

27.13

2.00

10.30

12 49

2.34

52.68

8.87

3.31

7.59

32.91

20.18

5.88

11.63

2.67

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

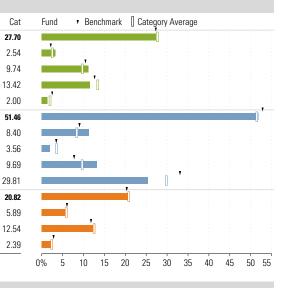
Asset Class	Net %	Cat%
US Stocks	86.78	95.93
Non-US Stocks	8.40	2.42
Bonds	0.03	0.34
Cash	4.72	0.37
Other	0.06	0.96
Total	100.00	100.00

**Morningstar Index** 

S&P 500 TR USD

**Morningstar Category** 

📕 Large Blend



## American Funds New World R6 RNWGX

#### 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.

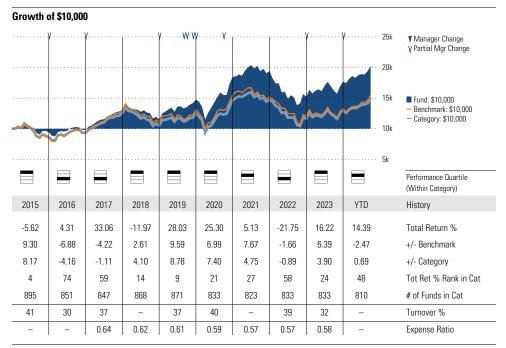
Net Expense: The fund's expense ratio of 0.57 is 49.11% lower than the Diversified Emerging Mkts category average.

#### **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







#### 3.31 Fund Investment Category Median 2.94 Peer Group Median 2.57 2.21 Quartile Rank 1.84 1.47 1.10 0.74 0.37 0.00 Fund vs Fund vs Peer Group Category 14 14 Percentile 110/827 89/637 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.

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.10 -1.37 0.80 0.94 Beta **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

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater

Category

than 1 year

Fund

#### **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

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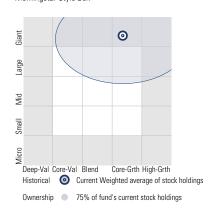


Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

## American Funds New World R6 RNWGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





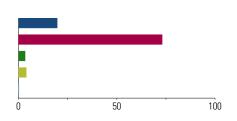


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2024



#### Sector Weighting as of 09-30-2024

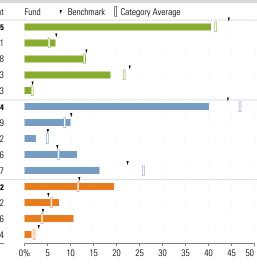
Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	40.46	44.24	41.55
æ.	Basic Materials	6.68	6.72	5.31
<b>~</b>	Consumer Cyclical	13.36	13.27	12.98
ц.	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
0	Energy	2.50	4.89	4.92
¢	Industrials	11.40	6.95	7.36
	Technology	16.28	22.23	25.87
	Defensive	19.44	11.72	11.62
F	Consumer Defensive	7.45	5.00	5.82
٠	Healthcare	10.57	3.82	3.76
9	Utilities	1.42	2.90	2.04
-				

Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

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%



	Greater Asia	Fund % 45.97	Cat % 76.27	Americas	Fund % 31.83	Cat % 12.96	Greater Europe	Fund % 22.21	Cat % 10.77	Market Maturity	Fund %
	Japan	2.63	0.08	North America	22.67	2.04	United Kingdom	2.91	0.54	Developed Markets	54.30
	Australasia	0.00	0.04	Central/Latin	9.16	10.92	W euro-ex UK	16.36	1.72	Emerging Markets	45.70
	Asia-4 Tigers	9.50	30.03				Emrgng Europe	0.44	2.13	Not Available	0.00
	Asia-ex 4 Tigers	33.84	46.12				Africa	2.50	6.38		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash Fund	4.12	4.12	_	_
igodolog Taiwan Semiconductor Manufacturing Co Ltd	3.56	7.68	-	Technology
$\oplus$ Tencent Holdings Ltd	2.47	10.15	-	Communication Svc
∋ Microsoft Corp	2.34	12.49	15.03	Technology
⊕ MercadoLibre Inc	1.91	14.41	30.57	Consumer Cyclical
⊖ Novo Nordisk AS Class B	1.79	16.20	-	Healthcare
$\ni$ Meta Platforms Inc Class A	1.48	17.67	62.15	Communication Svc
➔ Kweichow Moutai Co Ltd Class A	1.32	19.00	3.06	Consumer Defensive
$\ni$ Broadcom Inc	1.29	20.28	55.95	Technology
⇒ NVIDIA Corp	1.27	21.56	145.27	Technology

#### Total Holdings 579

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

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## Baird Aggregate Bond Inst BAGIX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 24.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 40% 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.

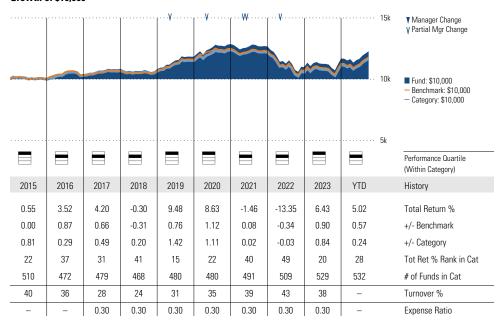
#### **ESG Metrics**

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

Growth of \$10,000

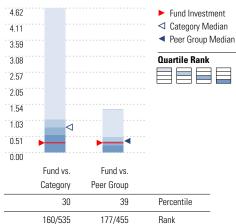
Morningstar Index

Bloomberg US Agg Bond TR USD



#### **Trailing Performance**





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

Fund **Bmark** Cat Alpha 0.32 -0.09 0.98 Beta 1 01 99.65 **R-Squared** 98.10 Standard Deviation 774 7 63 7 55 Sharpe Ratio -0 61 -0.66 -0.68 Tracking Error 0.47 0.96 Information Ratio 0.62 -0.25 Up Capture Ratio 101.71 97.06 Down Capture Ratio 98.89 98.03 Deutfelie Metuiee

Formotio Wienros			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	5.88
Avg Eff Maturity	8.23	-	8.21

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Ltd

А

BB

В

Not Rated

Duration

## Baird Aggregate Bond Inst BAGIX

## Style Analysis as of 09-30-2024 Style Breakdown Fixed Income Quality High Mid ۲0

Mod Ext

50 100 0

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

#### Intermediate Core Bond Bloomberg US Agg Bond TR USD

**Morningstar Category** 

Total	100.00	100.00
Other	0.07	1.70
Cash	2.64	-0.01
Bonds	97.30	97.45
Non-US Stocks	0.00	0.23
US Stocks	0.00	0.62
Asset Class	Net %	Cat%

**Morningstar Index** 

#### **Credit Rating Breakdown** Fund Bmark Cat 62.90 3.53 AAA 24.71 AA 3.20 74.59 39.01 12.20 10.82 22.22 BBB 21.50 8.32 12.31 0.20 0.28 0.62 0.00 0.00 0.33 Below B 0.00 0.00 0.12

0.00

2.46

0.68

	Fund	Bmark	Cat	Fund	,	Benchmark	[] C	ategory	Average			
Government	26.58	-	30.70					-		0		
Treasury	26.58	-	24.87									
Inflation – Protected	0.00	-	1.37	[								
Agency/Quasi Agency	0.00	-	0.63	10								
Other Government Related	0.00	-	3.83		0							
Corporate	36.33	-	23.52									
Corporate Bond	36.33	-	23.34						]			
Bank Loan	0.00	-	0.04	0								
Convertible	0.00	-	0.00	0								
Preferred	0.00	-	0.14	0								
Securitized	33.94	-	39.30									0
Agency MBS Pass-Through	20.72	-	28.33					-		0		
Agency MBS ARM	0.00	-	0.18									
Agency MBS CMO	1.33	-	1.23									
Non-Agency Residential MBS	1.09	-	0.12									
Commercial MBS	4.07	-	2.27									
Asset-Backed	6.73	-	7.17			0						
Covered Bond	0.00	-	0.00	İ								
Municipal	0.49	-	1.22									
Cash & Equivalents	2.64	-	4.52									
Other	0.00	-	0.75	[]								
				0%	5	10	15	20	25	30	35	40

#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 1.13%	10-2026	3.43	3.43	_
First American Government Obligs U	02-2030	2.32	5.75	-
⊕ United States Treasury Bonds 3.88%	05-2043	1.79	7.54	_
United States Treasury Bonds 2.88%	05-2043	1.77	9.31	_
igodot United States Treasury Bonds 2.5%	02-2045	1.73	11.04	-
United States Treasury Bonds 2.38%	02-2042	1.57	12.61	_
United States Treasury Bonds 2.88%	05-2052	1.55	14.15	_
⊖ United States Treasury Notes 2.38%	03-2029	1.53	15.68	-
United States Treasury Bonds 3.38%	08-2042	1.49	17.17	_
⊖ United States Treasury Notes 4%	01-2031	1.25	18.42	_

#### Total Holdings 1828

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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## Baird Core Plus Bond Inst BCOIX

#### 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.

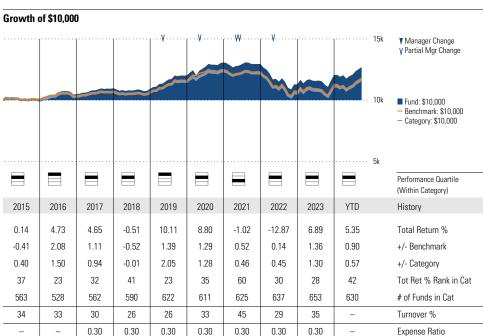
Net Expense: The fund's expense ratio of 0.3 is 59.46% lower than the Intermediate Core-Plus Bond category average.

#### **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

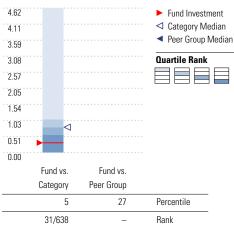


#### Trailing Performance



Alpha

A



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

0.98 Beta 1 00 99.41 **R-Squared** 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

Fund

0.72

Bmark

Cat

-0.09

Avg Eff Duration	5.90	4.43	5.88
Avg Eff Maturity	7.97	-	8.21

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Morningstar Category Morning

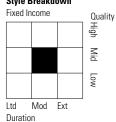
Intermediate Core Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

# Baird Core Plus Bond Inst BCOIX

#### Style Analysis as of 09-30-2024 Style Breakdown



0 50

Asset Allocation as of 09-30-2024

#### Sector Weighting as of 09-30-2024

Asset Class	Net %	Cat%
US Stocks	0.01	0.62
Non-US Stocks	0.00	0.23
Davida	07 47	07.45

**Morningstar Category** 

Intermediate Core Bond

Total	100.00	100.00
Other	0.02	1.70
Cash	2.50	-0.01
Bonds	97.47	97.45
Non-US Stocks	0.00	0.23
US Stocks	0.01	0.62

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

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

	Fund	Bmark	Cat	Fund	<b>י</b> ا	Bench	nmark	Cate	gory Ave	erage			
Government	23.12	-	30.70										
Treasury	23.12	-	24.87										
Inflation – Protected	0.00	-	1.37	i ()									
Agency/Quasi Agency	0.00	-	0.63	[]									
Other Government Related	0.00	-	3.83		0								
Corporate	43.34	_	23.52						]				
Corporate Bond	43.33	-	23.34										
Bank Loan	0.00	-	0.04	0									
Convertible	0.01	-	0.00	D									
Preferred	0.00	-	0.14	0									
Securitized	30.18	-	39.30										
Agency MBS Pass-Through	16.90	-	28.33							0			
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	0									
Municipal	0.86	_	1.22										
Cash & Equivalents	2.50	-	4.52		0								
Other	0.00	-	0.75										
				0%	5	10	15	20	25	30	35	40	4

100

#### Top 10 Holdings as of 09-30-2024

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	_
$\odot$ 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	_
$\odot$ United States Treasury Bonds 2.5%	02-2045	1.50	13.57	_
⊖ United States Treasury Notes 4.38%	08-2026	1.39	14.96	_
$\ominus$ 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  $\ominus$  Decrease 🕸 New to Portfolio

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## BlackRock High Yield Instl BHYIX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 14.76 years.

Style Consistency is not calculated for Fixed Income funds.

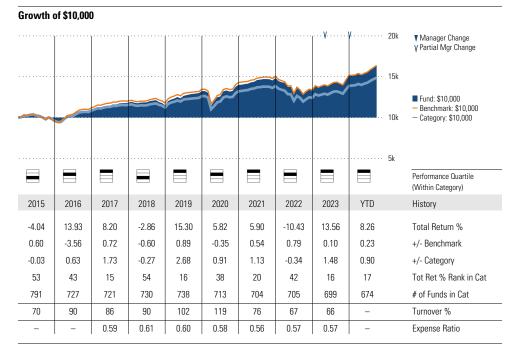
Net Expense: The fund's expense ratio of 0.58 is
 34.83% lower than the High Yield Bond category average.

#### Morningstar Investment Management LLC Analysis

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

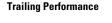
#### **ESG Metrics**

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

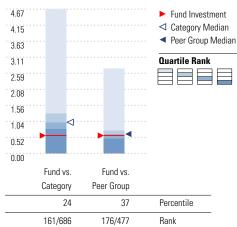


**Morningstar Category** 

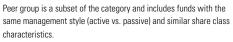
High Yield Bond







4.95	7.75	Benchmark Return %						
4.17	-	Category Average %						
12	-	% Rai	nk in Catego	ry				
435	-	# of F	# of Funds in Category					
3-Year Risk Metrics								
		Fund	Bmark	Cat				
Alpha		0.51	-	0.02				
Beta		0.99 –						
R-Squared		99.49 - 94						
Standard Devia	tion	8.56 8.62						
Sharpe Ratio		0.01	-0.05	-0.09				
Tracking Error		0.62	-	1.90				
Information Rat	tio	0.80	-	-0.35				
Up Capture Rat	io	-	88.54					
Down Capture	Ratio	95.86	-	88.27				
Portfolio M	etrics							
		Fund	Bmark	Cat				



 Fund
 Bmark
 Cat

 Avg Eff Duration
 3.14
 3.05

 Avg Eff Maturity
 4.01
 4.96

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Morningstar Index

ICE BofA US High Yield TR USD

**Total Return %** 

as of 09-30-2024 Fund

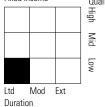
Benchmark
 Category

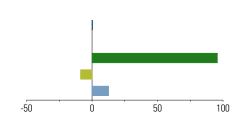
Average annual, if greater than 1 year

Fund Return %

#### BlackRock High Yield Instl BHYIX

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





Asset Class	Net %	Cat%
US Stocks	0.43	0.68
Non-US Stocks	0.00	0.03
Bonds	95.71	92.86
Cash	-8.83	4.85
Other	12.69	1.58
Total	100.00	100.00

#### Sector Weighting as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	1.71	-	2.74
AA	0.00	-	1.70
А	0.05	-	0.91
BBB	3.92	-	5.62
BB	31.18	-	31.37
В	48.78	-	33.40
Below B	13.13	-	21.98
Not Rated	1.23	-	2.28

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	0.38	-	2.47	10		
Treasury	0.00	-	1.12	0		
Inflation – Protected	0.00	-	0.00	Ò		
Agency/Quasi Agency	0.00	-	0.00	0		
Other Government Related	0.38	-	1.35	10		
Corporate	95.55	-	89.19			
Corporate Bond	83.32	-	86.65			
Bank Loan	8.75	-	1.71			
Convertible	1.38	-	0.46	0		
Preferred	2.10	-	0.37			
Securitized	0.09	-	1.55	10		
Agency MBS Pass-Through	0.00	-	0.12	0		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.06	0		
Non-Agency Residential MBS	0.00	-	0.05			
Commercial MBS	0.00	-	0.22	0		
Asset-Backed	0.09	-	1.10	0		
Covered Bond	0.00	-	0.00	0		
Municipal	0.00	-	0.04	[		
Cash & Equivalents	1.03	-	6.18			
Other	2.96	-	0.57	[		

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

#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
娄 Cash Offset	-	7.78	7.78	_
$\odot$ iShares Broad USD High Yield Corp Bd ETF	_	4.46	12.24	_
⊖ EUR/USD Purchased	12-2024	2.56	14.80	-
€ EUR/USD Purchased	12-2024	2.56	17.36	-
⊕ Ice: (Cdx.Na.Hy.43.V1)	12-2029	2.18	19.54	-
$\odot$ USD CASH(Committed)	10-2024	1.35	20.89	_
TRSWAP: IBOXHY INDEX	03-2025	1.06	21.95	-
HUB International Ltd.	01-2032	1.04	23.00	-
⊕ Venture Global LNG Inc.	12-2079	1.01	24.00	-
HUB International Ltd.	06-2030	0.86	24.86	-

#### Total Holdings 1585

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Morningstar Category Morningstar Index High Yield Bond

ICE BofA US High Yield TR USD

Asset Allocation as of 09-30-2024
-----------------------------------

## Federated Hermes Govt Ultrashort IS FGUSX

## Portfolio Manager(s)

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

#### Quantitative Screens

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

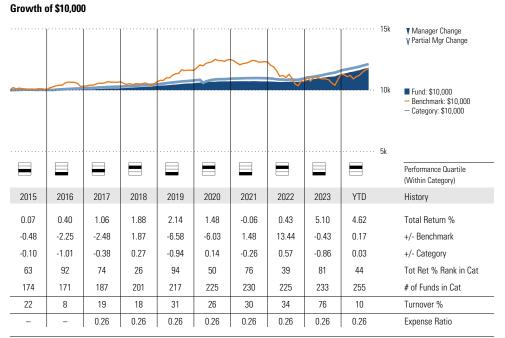
Management: The fund's management has been in place for 27.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 35% lower than the Ultrashort Bond category average.

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

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

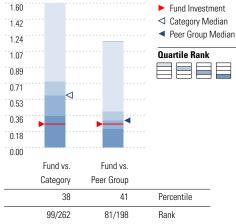


**Morningstar Category** 

Ultrashort Bond

#### **Trailing Performance**





1.95	-	Category Average %			
73	-	% Rank in Category			
114	-	# of F	unds in Cate	gory	
3-Year Risk Metrics					
		Fund	Bmark	Cat	
Alpha		3.39	-	3.45	
Beta		0.09	-	0.10	
R-Squared		49.74 – 34.61			
Standard Devia	ition	0.97	7.63	1.27	
Sharpe Ratio		-0.83	-0.66	-0.69	
Tracking Error		6.98	-	6.98	
Information Rat	tio	0.68	-	0.68	
Up Capture Rat	io	23.22	-	23.03	
Down Capture	Ratio	-8.43	-	-9.00	
Portfolio M	etrics				

Portfolio Wetrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.69	4.43	1.24
Avg Eff Maturity	-	-	1.90

Peer group is a subset of the category and includes funds with the

same management style (active vs. passive) and similar share class characteristics.

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Morningstar Index

Bloomberg US Agg Bond TR USD

## Federated Hermes Govt Ultrashort IS FGUSX

## Style Analysis as of 09-30-2024





Duration

1		
	•	
0	50	100
U	50	100

	100.00	100.00
Other	0.00	0.15
Cash	26.16	28.72
Bonds	73.84	66.89
Non-US Stocks	0.00	0.05
US Stocks	0.00	4.20
Asset Class	Net %	Cat%

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	39.54
AA	0.00	74.59	12.56
A	0.00	10.82	16.29
BBB	0.00	8.32	17.53
BB	0.00	0.28	2.42
В	0.00	0.00	1.19
Below B	0.00	0.00	0.39
Not Rated	0.00	2.46	10.08

	Fund	Bmark	Cat	Fund
Government	7.66	-	20.94	
Treasury	5.79	-	17.04	
Inflation - Protected	0.00	-	0.18	
Agency/Quasi Agency	1.87	-	0.88	0
Other Government Related	0.00	-	2.84	10
Corporate	0.00	-	36.21	
Corporate Bond	0.00	-	36.05	
Bank Loan	0.00	-	0.14	Ū
Convertible	0.00	-	0.00	Ū į
Preferred	0.00	-	0.02	Ú .
Securitized	69.83	-	20.68	
Agency MBS Pass-Through	14.62	-	0.95	
Agency MBS ARM	0.06	-	0.17	Ū į
Agency MBS CMO	55.15	-	1.70	
Non-Agency Residential MBS	0.00	-	0.15	
Commercial MBS	0.00	-	2.09	10
Asset-Backed	0.00	-	15.62	
Covered Bond	0.00	-	0.00	
Municipal	0.00	-	0.50	0
Cash & Equivalents	22.51	-	20.12	
Other	0.00	-	1.56	10
				0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70

#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Hsbc Repo 4 Repo	10-2024	10.78	10.78	_
🕀 Bank Of Montreal 6 Repo	10-2024	7.19	17.97	-
🕀 Repo Bank America Repo	10-2024	3.89	21.86	-
$\odot$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.0065%	04-2033	3.50	25.37	-
⊖ Government National Mortgage Association 6.19541%	03-2054	3.19	28.55	-
$\oplus$ Government National Mortgage Association 6.5%	06-2054	2.79	31.35	-
$\ominus$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.9065%	12-2032	2.75	34.10	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.8565%	12-2032	2.57	36.67	-
$\ominus$ Government National Mortgage Association 5.12871%	01-2073	2.50	39.18	-
$\odot$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.93012%	07-2053	2.16	41.34	-

#### Total Holdings 230

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Morningstar Category Ultrashort Bond Morningstar Index

Bloomberg US Agg Bond TR USD

## PIMCO Commodity Real Return Strat I2 PCRPX

Updated

08-31-2024

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 5.92 years.

Style Consistency is not calculated for Fixed Income funds.

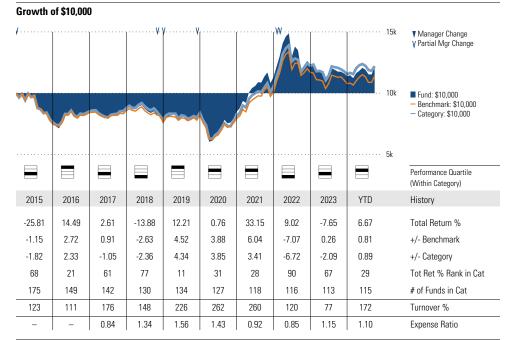
✓ Net Expense: The fund's expense ratio of 1.1 is 8.91% higher than the Commodities Broad Basket category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

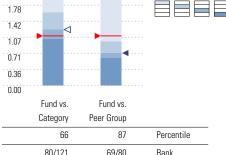
Metric Rating Sustainability Rating 2





Up Capture Ratio

Down Capture Ratio



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

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.27	-	7.93
Price/Book Ratio	3.56	-	1.87
Geom Avg Mkt Cap \$B	16.44	-	44.07
ROE	29.97	-	27.17

102.05

109.61

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95.40

88.21

Morningstar Category Morn

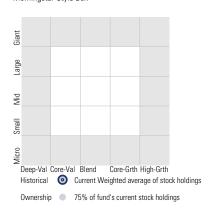
Commodities Broad Basket Bloomb

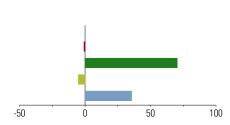
Morningstar Index

d Basket Bloomberg Commodity TR USD

## PIMCO Commodity Real Return Strat I2 PCRPX

Style Analysis as of 09-30-2024 Morningstar Style Box™





0 100.00
3 12.74
54.16
6 31.65
0.37
0 1.08
% Cat%
%

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund	1	• Be	nchmar	k [	Categ	ory Av	verage				
Դ	Cyclical	-	-	44.68										[		
ŵ.	Basic Materials	-	-	44.68										0		
≏	Consumer Cyclical	-	-	0.00	Ó											
, p	Financial Services	-	-	0.00	0											
ŵ	Real Estate	-	-	0.00	Ū											
~	Sensitive	-	-	51.07											0	
d	Communication Services	-	-	0.00	Ó											
•	Energy	-	-	48.94											0	
¢	Industrials	-	-	2.13	0											
	Technology	-	-	0.00	Ì											
-	Defensive	-	-	4.26												
-	Consumer Defensive	-	-	4.26												
٠	Healthcare	-	-	0.00	ļ											
<b>9</b>	Utilities	-	-	0.00	Ó											
					0%	5	10	15	20	25	30	35	40	45	50	Ę

#### Style Breakdown



## Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ 2 Year Treasury Note Future Sept 24	23.08	23.08	_	_
RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive	21.17	44.25	-	-
RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay	21.17	65.42	-	-
⊕ United States Treasury Notes 0.125%	16.27	81.69	-	-
券 Offset: Unsettled Trades	13.98	95.67	-	-
娄 Cash Offset	12.35	108.02	_	-
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Pay	12.23	120.25	-	-
IRS EUR 2.75000 09/18/24-10Y LCH Receive	12.18	132.43	-	-
$\oplus$ United States Treasury Notes 0.125%	10.41	142.84	-	-
$\ominus$ 10 Year Treasury Note Future Sept 24	9.42	152.26	-	-
⊖ US Treasury Bond Future Sept 24	9.36	161.62	_	_
🕀 Pimco Cayman Cmdty Fd Ltd Instl	9.21	170.83	-	_
⊕ United States Treasury Notes 0.5%	8.49	179.32	-	_
⊕ TRS R 5.43/91282CDC2 BPS	8.46	187.78	-	_
⊖ U S TIPS REV REPO	8.43	196.21	_	-

#### Total Holdings 774

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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**Morningstar Category** 

Commodities Broad Basket Bloomberg Commodity TR USD

**Morningstar Index** 

## Vanguard 500 Index Admiral VFIAX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 6.84 years.

Style: The fund has landed in its primary style box — Large Blend — 77.14 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.04 is 94.52% lower than the Large Blend category average.

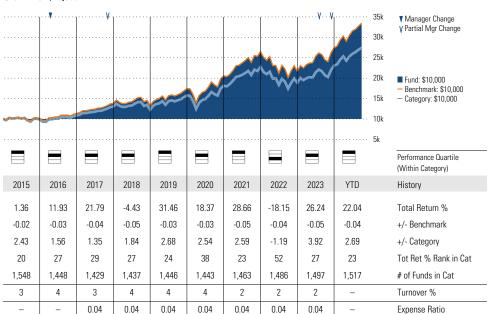
#### **Morningstar Investment Management LLC Analysis**

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**

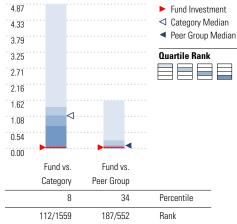
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022











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

919	-	# of	Funds in Ca	tegory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		-0.04	-	-1.07
Beta		1.00	-	0.94
R-Squared		100.00	-	94.38
Standard Deviat	ion	17.52	17.53	16.95
Sharpe Ratio		0.51	0.52	0.42
Tracking Error		0.00	-	3.71
Information Rati	0	-11.38	-	-1.34
Up Capture Ratio	D	99.91	-	92.03
Down Capture R	atio	100.07	-	96.37
Portfolio Me	trics			

	Fund	Bmark	Cat
Price/Earnings Ratio	27.49	27.50	26.80
Price/Book Ratio	4.80	4.80	5.15
Geom Avg Mkt Cap \$B	327.76	328.12	362.94
ROE	33.77	33.77	33.76

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Morningstar Index

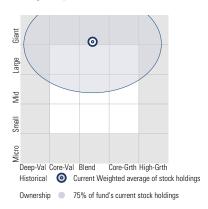
Morningstar Category

Large Blend

S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Apple Inc	7.25	7.25	21.40	Technology
Dicrosoft Corp	6.55	13.80	15.03	Technology
• NVIDIA Corp	6.12	19.91	145.27	Technology
€ Amazon.com Inc	3.56	23.48	22.63	Consumer Cyclical
e Meta Platforms Inc Class A	2.56	26.04	62.15	Communication Svc
⊖ Alphabet Inc Class A	1.99	28.03	19.01	Communication Svc
Đ Berkshire Hathaway Inc Class B	1.73	29.75	29.05	Financial Services
ightarrow Alphabet Inc Class C	1.64	31.40	18.92	Communication Svc
🕀 Broadcom Inc	1.64	33.04	55.95	Technology
	1.49	34.52	5.29	Consumer Cyclical
ightarrow Eli Lilly and Co	1.43	35.96	52.65	Healthcare
igodologie JPMorgan Chase & Co	1.23	37.18	25.93	Financial Services
	1.11	38.29	12.21	Healthcare
∋ Exxon Mobil Corp	1.07	39.35	20.09	Energy
🕀 Visa Inc Class A	0.93	40.29	6.21	Financial Services

#### Total Holdings 508

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Asset Allocation as of 09-30-2024

100

50

Fund

27.10

2.00

10.29

12.47

2.34

52.74

8.87

3.31

7.58

32.98

20.16

5.87

11.62

2.67

Bmark

27.13

2.00

10.30

12 49

2.34

52.68

8.87

3.31

7.59

32.91

20.18

5.88

11.63

2.67

51.46

29.81

20.82

Sector Weighting as of 09-30-2024

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

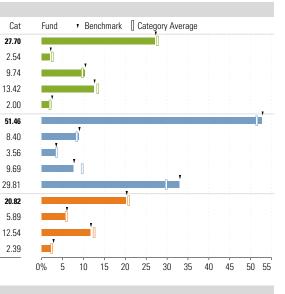
Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	99.04	95.93
Non-US Stocks	0.59	2.42
Bonds	0.00	0.34
Cash	0.36	0.37
Other	0.00	0.96
Total	100.00	100.00



M RNINGSTAR

**Morningstar Category** 

📕 Large Blend

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

## Vanguard Growth Index Admiral VIGAX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 29.77 years.

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

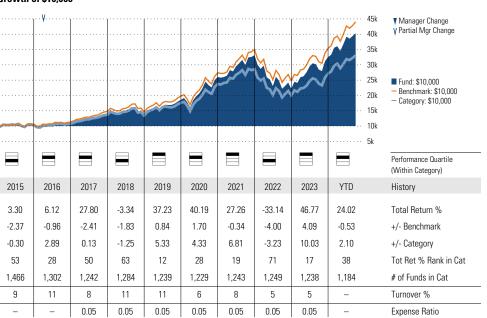
Net Expense: The fund's expense ratio of 0.05 is 94.57% lower than the Large Growth category average.

#### **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**

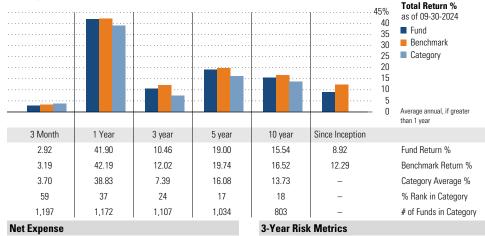
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

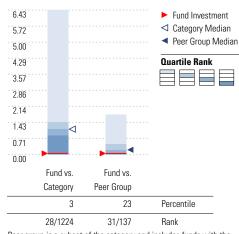


**Morningstar Category** 

Large Growth







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

Fund Bmark Cat Alpha -1.98 -4.22 0.99 Beta 1 06 99.35 **R-Squared** 92.51 Standard Deviation 22 22 20.85 21 45 Sharpe Ratio 0.39 0.47 0.27 Tracking Error 2.21 5.84 Information Ratio -0.71 -0.84 Up Capture Ratio 101.99 91.00 Down Capture Ratio 108.23 105.24

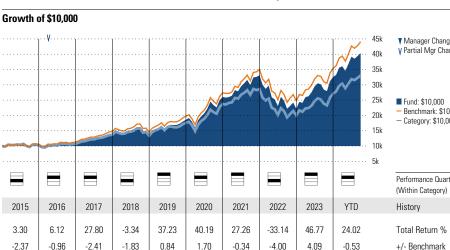
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	37.71	36.55	35.39
Price/Book Ratio	10.65	12.14	9.26
Geom Avg Mkt Cap \$B	618.21	675.16	541.50
ROE	41.32	44.40	41.06

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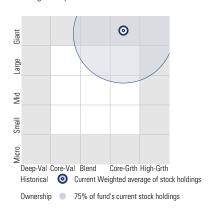
Morningstar Index

Russell 1000 Growth TR USD



# Vanguard Growth Index Admiral VIGAX

Style Analysis as of 09-30-2024 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Apple Inc	12.06	12.06	21.40	Technology
∋ Microsoft Corp	11.43	23.49	15.03	Technology
∋ NVIDIA Corp	10.00	33.49	145.27	Technology
€ Amazon.com Inc	5.99	39.48	22.63	Consumer Cyclical
⇒ Meta Platforms Inc Class A	4.74	44.22	62.15	Communication Svc
∋ Alphabet Inc Class A	3.31	47.52	19.01	Communication Svc
ightarrow Eli Lilly and Co	2.87	50.40	52.65	Healthcare
ightarrow Alphabet Inc Class C	2.70	53.10	18.92	Communication Svc
ightarrow Tesla Inc	2.70	55.80	5.29	Consumer Cyclical
$\oplus$ Visa Inc Class A	1.70	57.50	6.21	Financial Services
⊖ Mastercard Inc Class A	1.55	59.05	16.24	Financial Services
€ Broadcom Inc	1.53	60.59	55.95	Technology
∋ Costco Wholesale Corp	1.50	62.09	34.81	Consumer Defensive
⇒ Netflix Inc	1.17	63.25	45.68	Communication Svc
$\oplus$ Advanced Micro Devices Inc	1.02	64.28	11.31	Technology

#### Total Holdings 185

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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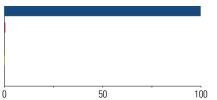
đ

Energy

¢

F

Utilities



Fund

23.11

1.71

14.01

5.83

1.56

67.36

13.34

0.82

3.35

49 85

9.53

2.13

7.11

0.29

Bmark

21.25

0.63

14.03

6 00

0.59

67.12

12.80

0.40

3.49

50.43

11.63

3.63

7.78

0.22

Cat

13.31

8 36

0.84

61.28

12.34

0.83

6.11

42.00

15.05

2.72

#### Asset Class Net % Cat% US Stocks 99.69 93.54 Non-US Stocks 0.25 4.54 Bonds 0.00 0.00 Cash 0.06 1.11 0.00 Other 0.81 Total 100.00 100.00

Morningstar Index

Russell 1000 Growth TR USD

**Morningstar Category** 

Large Growth

## Benchmark [] Category Average Fund 23.66 Î) 1.15 ò Û. Í 11.85 0.48 0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70

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## Vanguard International Growth Adm VWILX

#### 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.

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

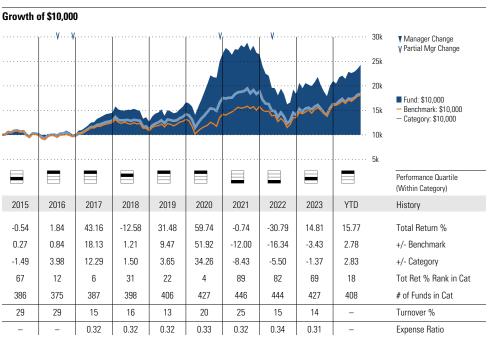
Net Expense: The fund's expense ratio of 0.31 is 69% lower than the Foreign Large Growth category average.

#### **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.

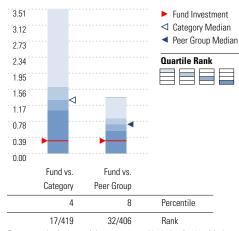
#### **ESG Metrics**

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



#### **Trailing Performance**





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

5.71	8.52	Benchmark Return %				
6.57	-	Category Average %				
10	-	% R	ank in Catego	ory		
228	-	# of Funds in Category				
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		-9.42	-	-5.40		
Beta	1.22 –					
R-Squared		81.66 – 87.58				
Standard Devia	tion	22.88 16.95 19.97				
Sharpe Ratio		-0.22	0.17	-0.08		
Tracking Error		10.48	-	7.35		
Information Rat	io	-0.87	-	-0.73		
Up Capture Ratio 97.16			-	96.05		
Down Capture I	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

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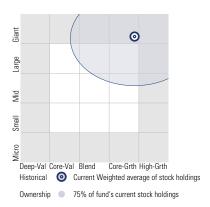


Morningstar Index **Morningstar Category** Foreign Large Growth

MSCI EAFE NR USD

# Vanguard International Growth Adm VWILX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2024

_
100

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	34.16	39.38	33.15
<b>.</b> #.	Basic Materials	0.58	6.91	6.67
	Consumer Cyclical	24.03	10.01	11.94
<b>H</b>	Financial Services	9.55	20.12	14.19
ŵ	Real Estate	0.00	2.34	0.35
V ^{ar}	Sensitive	49.05	35.26	45.92
đ	Communication Services	7.54	4.82	4.20
0	Energy	1.43	3.65	2.70
¢	Industrials	12.63	17.08	19.45
	Technology	27.45	9.71	19.57
-	Defensive	16.78	25.36	20.93
E	Consumer Defensive	4.11	8.56	6.06
٠	Healthcare	11.92	13.56	14.17
9	Utilities	0.75	3.24	0.70

# Asset Class Net % Cat% US Stocks 17.34 8.16 Non-US Stocks 80.40 89.35 Bonds 0.00 -0.16

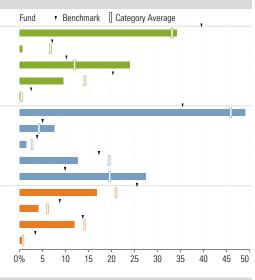
**Morningstar Category** 

Foreign Large Growth

Morningstar Index

MSCI EAFE NR USD

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



1	Greater Asia	Fund % 30.88	Cat % 27.20	Americas	Fund % 27.29	Cat % 16.16	Greater Europe	Fund % 41.82	Cat % 56.64	Market Maturity	Fund %
	Japan	6.32	13.26	North America	19.82	13.53	United Kingdom	7.48	12.78	Developed Markets	79.44
	Australasia	1.88	1.57	Central/Latin	7.47	2.63	W euro-ex UK	34.19	43.44	Emerging Markets	20.56
	Asia-4 Tigers	9.59	6.07				Emrgng Europe	0.00	0.03	Not Available	0.00
	Asia-ex 4 Tigers	13.09	6.30				Africa	0.15	0.39		
	Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2024

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$oldsymbol{\oplus}$ Taiwan Semiconductor Manufacturing Co Ltd	5.75	5.75	_	Technology
⊖ MercadoLibre Inc	5.08	10.83	30.57	Consumer Cyclical
⇒ Spotify Technology SA	4.12	14.95	96.12	Communication Svc
⊖ Adyen NV	3.43	18.38	20.23	Technology
$\ominus$ ASML Holding NV	3.25	21.63	10.07	Technology
Meituan Class B	2.55	24.18	-	Consumer Cyclical
⊖ Atlas Copco AB Class A	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

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

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## Vanguard International Value Inv VTRIX

Growth of \$10,000

Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 14.35 years.

× Style: The fund has landed in its primary style box — Large Value — 0 % of the time over the past three years.

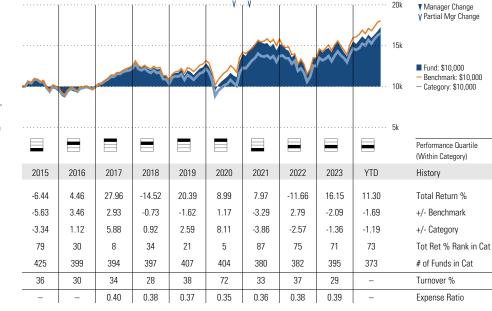
Net Expense: The fund's expense ratio of 0.39 is 59.38% lower than the Foreign Large Value category average.

#### **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

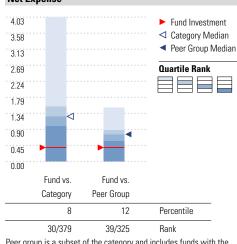




Alpha

Beta

Net Expense



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

than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat -0.04 1.91 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** 

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater

Category

Fund

20

15

10

5

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	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

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**Morningstar Category** 

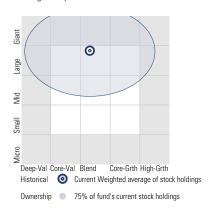
Foreign Large Value

Morningstar Index MSCI EAFE NR USD

201

# Vanguard International Value Inv VTRIX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2024

•		
0	50	100

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	43.10	39.38	42.29
æ.	Basic Materials	8.25	6.91	7.92
	Consumer Cyclical	16.40	10.01	9.73
ц.	Financial Services	16.95	20.12	23.40
ŵ	Real Estate	1.50	2.34	1.24
V.	Sensitive	39.31	35.26	35.71
	Communication Services	4.82	4.82	5.16
0	Energy	4.51	3.65	8.16
¢	Industrials	20.13	17.08	14.61
	Technology	9.85	9.71	7.78
	Defensive	17.61	25.36	21.99
F	Consumer Defensive	6.47	8.56	8.63
٠	Healthcare	10.58	13.56	9.57
9	Utilities	0.56	3.24	3.79

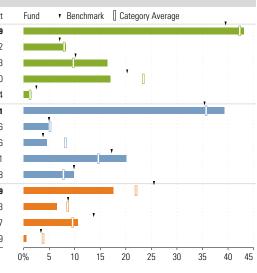
#### Asset Class Net % Cat% US Stocks 3.27 2.90 Non-US Stocks 92.03 95.38 Bonds 0.00 0.11 Cash 4.08 2.84 Other 0.61 -1.21 Total 100.00 100.00

Morningstar Index

MSCI EAFE NR USD

**Morningstar Category** 

Foreign Large Value



-		Greater Asia	Fund % 39.95	Cat % 29.86	Americas	Fund % 10.95	Cat % 8.38	Greater Europe	Fund % 49.11	Cat % 61.75	Market Maturity	Fund %
		Japan	13.01	16.99	North America	6.54	7.35	United Kingdom	14.98	18.36	Developed Markets	80.11
		Australasia	0.79	3.12	Central/Latin	4.41	1.03	W euro-ex UK	33.81	42.51	Emerging Markets	19.89
		Asia-4 Tigers	10.98	6.90				Emrgng Europe	0.00	0.17	Not Available	0.00
		Asia-ex 4 Tigers	15.17	2.85				Africa	0.32	0.71		
		Not Classified	0.00	0.00								
	>75											

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Tencent Holdings Ltd	3.09	3.09	_	Communication Svc
∋ Mktliq 12/31/2049	2.83	5.91	-	-
i  Taiwan Semiconductor Manufacturing Co Ltd	1.84	7.76	_	Technology
igodolog Roche Holding AG	1.65	9.40	-	Healthcare
$ m egin{array}{c} egin{arr$	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
€ Slcmt1142	1.15	14.30	-	-
€ Kering SA	1.13	15.43	-32.12	Consumer Cyclical
ightarrow Unilever PLC	1.12	16.56	30.24	Consumer Defensive

#### Total Holdings 259

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

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# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

#### Portfolio Manager(s)

Walter Nejman since 02-2022 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 Moderately Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.

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

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

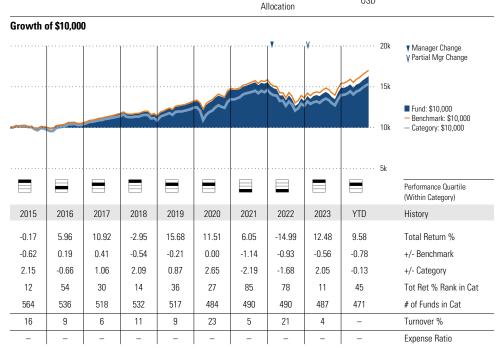
Net Expense: The fund's expense ratio of 0.12 is 87.23% lower than the Moderately Conservative Allocation category average.

#### Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

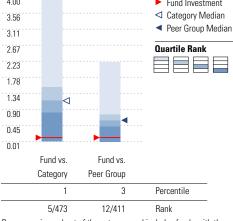
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	07-19-2023



Morningstar Category Moderately Conservative



Avg Eff Duration



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

Cat -0.55 Beta 1.03 0.97 **R**-Squared 99 42 94 18 _ Standard Deviation 10.34 10.02 10.02 Sharpe Ratio -0.09 0 00 -0.07 Tracking Error 0.84 2 38 Information Ratio -115 -0.48 Up Capture Ratio 99.45 96.45 Down Capture Ratio 106.53 100.77 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 20.41 22.28 22.64 Price/Book Ratio 2.67 3.12 3.23

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5.94

4.93

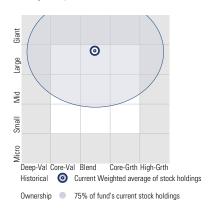
6.37

Morningstar Index

Morningstar US Mod Con Tgt Alloc NR USD

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

#### Style Analysis as of 09-30-2024 Morningstar Style Box™



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

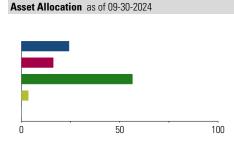
Fixed Income

Quality

High

Mid

Low



## Sector Weighting as of 09-30-2024

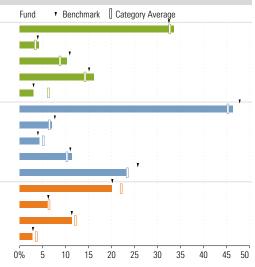
000	bion morghning as on ou	00 2024		
		Fund	Bmark	Cat
Դ	Cyclical	33.56	32.31	32.63
<i>.</i>	Basic Materials	4.22	3.78	3.42
A	Consumer Cyclical	10.23	10.73	8.77
цф	Financial Services	16.14	14.94	14.21
ŵ	Real Estate	2.97	2.86	6.23
~~	Sensitive	46.33	47.69	45.28
d	Communication Services	7.01	7.49	6.48
0	Energy	4.29	3.81	5.12
¢	Industrials	11.33	10.85	10.27
	Technology	23.70	25.54	23.41
	Defensive	20.11	19.99	22.08
F	Consumer Defensive	6.06	6.07	6.37
٠	Healthcare	11.33	11.18	12.09
Ç	Utilities	2.72	2.74	3.62

Total		100.00	100.00
Other		0.06	5.00
Cash		3.36	4.30
Bonds		56.40	55.02
Non-US Stocks		16.07	7.47
US Stocks		24.11	28.20
Asset Class		Net %	Cat%
Allocation	USD		

**Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR

Morningstar Category Moderately Conservative



## Value Blend Growth

Style Breakdown

Equity

21 32 21

6 8

2 3 2

Weight %

>50 25-50 10-25 0-10

## Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
${old \oplus}$ Vanguard Total Bond Market II ldx Inv	_	40.91	40.91	_	_
$\ominus$ Vanguard Total Stock Mkt Idx Inv	-	24.16	65.08	_	-
$\ominus$ Vanguard Total Intl Bd II Idx Investor	-	17.78	82.86	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	16.47	99.33	_	-
⊕ Mktliq 12/31/2049	-	0.70	100.03	-	_
🕀 Us Dollar	-	0.03	100.06	-	-

Total Holdings 6

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



## Vanguard LifeStrategy Growth Inv VASGX

#### Portfolio Manager(s)

Walter Nejman since 02-2022 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 Moderately Aggressive Allocation category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

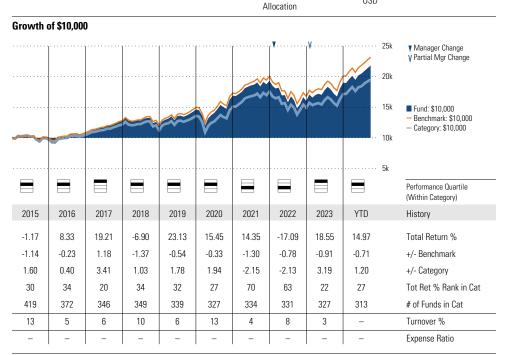
Net Expense: The fund's expense ratio of 0.14 is 85.71% lower than the Moderately Aggressive Allocation category average.

#### Morningstar Investment Management LLC Analysis

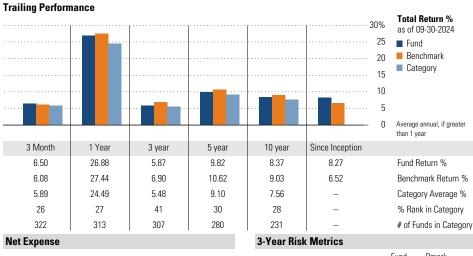
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

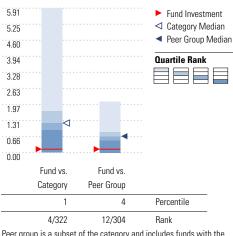
#### **ESG Metrics**

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 Moderately Aggressive





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

Fund Bmark Cat Alnha -1.12 -1 15 Beta 1.03 0.98 **R**-Squared 99.31 94 31 _ Standard Deviation 14.58 14.14 14.38 Sharpe Ratio 0.20 0.28 0.18 Tracking Error 1 27 3.05 Information Ratio -0.80 -0.66 Up Capture Ratio 100.34 96.66 Down Capture Ratio 105.80 102.79 **Portfolio Metrics** Fund Bmark Cat

	1 dild	Billand	out
Price/Earnings R	atio 20.44	22.30	22.44
Price/Book Ratio	2.68	3.13	3.20
Avg Eff Duration	6.39	5.94	4.59

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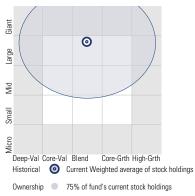


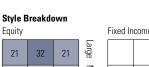
Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

# Vanguard LifeStrategy Growth Inv VASGX

#### Style Analysis as of 09-30-2024 Morningstar Style Box™







Fixed Income Quality Large Mid Small Ltd Mod Ext Duration

Weight %

>50 25-50 10-25 0-10

## Top 6 Holdings as of 09-30-2024

0	-		50

## Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

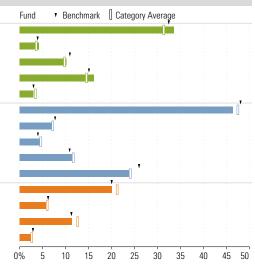
		Fund	Bmark	Cat
Դ	Cyclical	33.52	32.27	31.33
æ.	Basic Materials	4.20	3.75	3.62
4	Consumer Cyclical	10.22	10.76	9.76
<b>B</b>	Financial Services	16.12	14.91	14.53
ŵ	Real Estate	2.98	2.85	3.42
Va.	Sensitive	46.37	47.88	47.46
d	Communication Services	7.02	7.55	7.17
0	Energy	4.28	3.81	4.56
٥	Industrials	11.32	10.71	11.67
	Technology	23.75	25.81	24.06
+	Defensive	20.11	19.85	21.20
F	Consumer Defensive	6.06	6.03	5.98
٠	Healthcare	11.32	11.09	12.61
<b>9</b>	Utilities	2.73	2.73	2.61

#### USD Allocation Asset Class Net % Cat% US Stocks 47.88 58.44 Non-US Stocks 31.53 18.07 Bonds 18.24 15.20 Cash 2.30 2.10 Other 0.05 6.20 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Agg Tgt Alloc NR

Morningstar Category Moderately Aggressive



Total Holdings 6					
⊖ Us Dollar	-	0.00	100.01	_	-
	-	0.73	100.00	-	-
${f \oplus}$ Vanguard Total Intl Bd II ldx Investor	-	5.76	99.28	-	-
${f \oplus}$ Vanguard Total Bond Market II ldx Inv	-	13.22	93.52	-	-
onumber  onumber Danguard Total Intl Stock Index Inv	-	32.30	80.30	-	-
$\ni$ Vanguard Total Stock Mkt Idx Inv	-	48.00	48.00	-	-
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
10p 0 11010111g3 03 01 03 30 2024					

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard LifeStrategy Income Inv VASIX

#### Portfolio Manager(s)

Walter Nejman since 02-2022 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 Conservative Allocation category's top three quartiles in 7 of the 10 years it's been in existence.

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

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

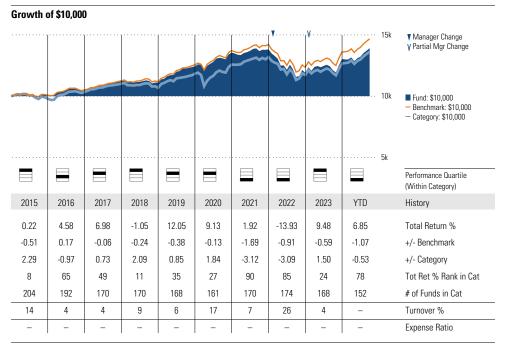
Net Expense: The fund's expense ratio of 0.11 is 89.42% lower than the Conservative Allocation category average.

#### Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

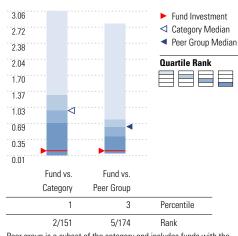
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
ESG Commitment	1-Low	07-19-2023









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

**3-Year Risk Metrics** Fund Bmark Cat Alpha -1.13 -0.30 0.97 Beta 1 02 _ 99.04 **R-Squared** 93.76 Standard Deviation 8 4 5 8 23 8 28 Sharpe Ratio -0.35 -0 22 -0.27 Tracking Error 0.85 2.20 Information Ratio -1.31 -0.29 Up Capture Ratio 95.71 97.58 Down Capture Ratio 105.25 100.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.38	22.97	23.53
Price/Book Ratio	2.67	3.31	3.36
Avg Eff Duration	6.37	5.94	4.80

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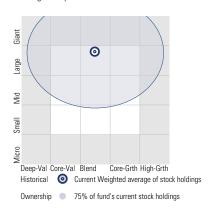
Morningstar Category Morningstar Index

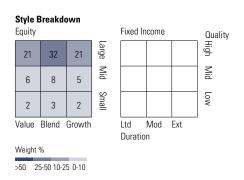
Conservative Allocation

Morningstar US Con Tgt Alloc NR USD

# Vanguard LifeStrategy Income Inv VASIX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 50 100 0

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

~

Asset Class	Net %	Cat%
US Stocks	11.78	14.94
Non-US Stocks	7.93	3.76
Bonds	76.33	67.82
Cash	3.90	7.64
Other	0.06	5.83
Total	100.00	100.00

Morningstar Index

Morningstar US Con Tgt Alloc NR USD

**Morningstar Category** 

Conservative Allocation

#### Դ Cyclical 33.61 31.60 ŵ. Basic Materials 4.22 3.49 A Consumer Cyclical 10.22 10.77 ц. Financial Services 16.17 14 52 ŵ Real Estate 3.00 2.82 Sensitive 46.28 48 59

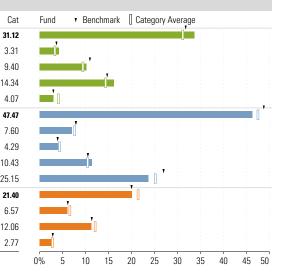
Bmark

14.34

47.47

Fund

#### đ **Communication Services** 7.02 7.72 7.60 Energy 4.27 3.75 4.29 ¢ Industrials 11.34 10.33 10.43 Technology 23 65 26.79 25.15 20.09 19.82 Defensive 21.40 **Consumer Defensive** 6.05 5.96 6.57 Healthcare 11.29 11.17 12.06 Utilities 2.75 2.69 2.77



#### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	55.49	55.49	_	_
$\oplus$ Vanguard Total Intl Bd II ldx Investor	-	23.95	79.44	-	-
$\ominus$ Vanguard Total Stock Mkt Idx Inv	-	11.81	91.25	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	8.12	99.37	-	-
O Mktliq 12/31/2049	-	0.66	100.03	-	_
⊕ Us Dollar	_	0.03	100.06	_	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Portfolio Manager(s)

Walter Nejman since 02-2022 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 Moderate Allocation category's top three quartiles in 9 of the 10 years it's been in existence.

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

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

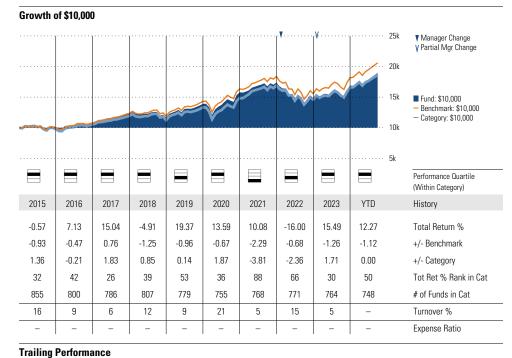
Net Expense: The fund's expense ratio of 0.13 is 87.38% lower than the Moderate Allocation category average.

#### Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

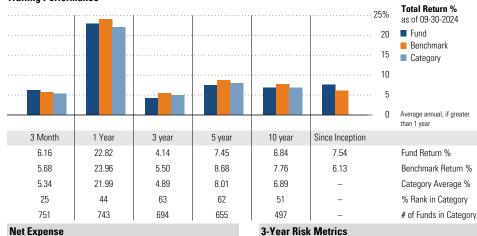
### **ESG Metrics**

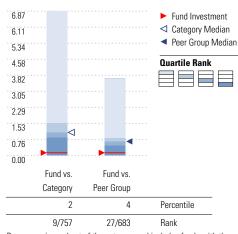
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022



Morningstar Category

Moderate Allocation





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

**3-Year Risk Metrics** Fund Bmark Cat Alpha -1.33 -0.52 Reta 1 01 0.98 98.92 **R-Squared** 94.15 Standard Deviation 12 43 12 26 12.36 Sharpe Ratio 0.08 0 19 0.13 Tracking Error 1.29 2.79 Information Ratio -1.05 -0.37 Up Capture Ratio 97.02 97.43 Down Capture Ratio 104.35 100.97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	23.30	23.35
Price/Book Ratio	2.68	3.40	3.53
Avg Eff Duration	6.39	5.94	5.14

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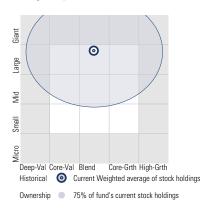


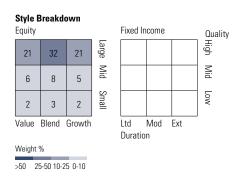
Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

### Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 50 0

Bmark

31.32

3.39

10.77

14 34

2.82

48.81

7.78

3.70

10.20

27.13

19.87

5.93

11.25

2.69

2.61

47.98

25.57

21.80

Fund

33.55

4.23

10.22

16 13

2.97

46.35

7.02

4.29

11.32

23.72

20.09

6.06

11.31

2.72

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Other	0.06	3.46
Cash	2.82	3.45
Bonds	37.13	34.48
Non-US Stocks	23.96	9.80
US Stocks	36.04	48.81
Asset Class	Net %	Cat%

#### Benchmark [] Category Average Cat Fund 30.20 3.40 9.74 14 45 7.70 4.49 10.22 5.59 13.24 2.97 0% 10 15 20 25 30 35 40 45 50 5

### Top 6 Holdings as of 09-30-2024

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
-	36.12	36.12	_	_
-	26.90	63.02	-	-
-	24.54	87.57	-	-
-	11.74	99.30	-	-
-	0.68	99.99	-	-
_	0.01	100.00	_	-
		- 36.12 - 26.90 - 24.54 - 11.74 - 0.68	- 36.12 36.12 - 26.90 63.02 - 24.54 87.57 - 11.74 99.30 - 0.68 99.99	- 36.12 36.12 - - 26.90 63.02 - - 24.54 87.57 - - 11.74 99.30 - - 0.68 99.99 -

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



**Morningstar Category** Morningstar Index Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

### Vanguard Mid-Cap Growth Index Admiral VMGMX

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.

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

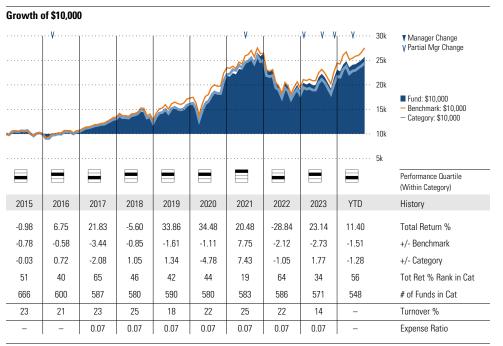
Net Expense: The fund's expense ratio of 0.07 is 93.4% lower than the Mid-Cap Growth category average.

#### Morningstar Investment Management LLC Analysis

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

### **ESG Metrics**

Rating	Updated
4	08-31-2024
Medium Risk	12-31-2022
1-Low	02-15-2022
	4 Medium Risk



Morningstar Category

Mid-Cap Growth

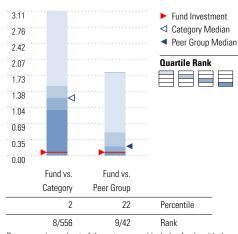
#### **Trailing Performance**



Alpha

Beta

**R-Squared** 



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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat -0.56 -2.53 1 00 0.98 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

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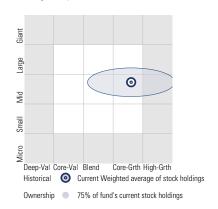


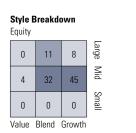
Morningstar Index

Russell Mid Cap Growth TR USD

### Vanguard Mid-Cap Growth Index Admiral VMGMX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

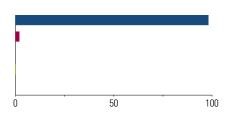
### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ige  ightarrow 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
ige  ightarrow TransDigm Group Inc	2.03	8.40	41.08	Industrials
igap Palantir Technologies Inc Ordinary Shares - Class A	2.02	10.43	116.66	Technology
ige  ightarrow Motorola Solutions Inc	2.00	12.43	44.55	Technology
ightarrow Cintas Corp	1.89	14.32	37.35	Industrials
∋ Realty Income Corp	1.48	15.79	14.07	Real Estate
i  Apollo Global Management Inc Class A	1.33	17.12	35.49	Financial Services
igeq The Trade Desk Inc Class A	1.31	18.44	52.38	Technology
i  DoorDash Inc Ordinary Shares - Class A	1.24	19.67	44.33	Communication Svc
$\ni$ Waste Connections Inc	1.23	20.91	20.37	Industrials
$\ni$ W.W. Grainger Inc	1.22	22.13	26.07	Industrials
ige > Copart Inc	1.21	23.34	6.94	Industrials
igodolog Fair Isaac Corp	1.21	24.55	66.97	Technology

### Total Holdings 143

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

Asset Allocation as of 09-30-2024



Fund

25.53

1.84

9.25

7.09

7.35

55.67

3.96

4.45

19.77

27.49

18.80

1.88

13.17

3.75

Bmark

28.42

0.99

15.37

10.61

1.45

53.61

2.63

3.89

16.38

30.71

17.96

2.43

13.79

1.74

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

#### Benchmark [] Category Average Fund Π n i 0% 5 10 15 20 25 30 35 40 45 50 55 60

### Sector Weighting as of 09-30-2024

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

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Morningstar Category Mid-Cap Growth

Cat

28.81

2.00

12.82

11 40

2.59

50.91

3.67

2.99

17.78

26.47

20.28

2.45

16.95

0.88

with Russell Mid Cap Growth TR USD

Morningstar Index

### Vanguard Mid-Cap Value Index Admiral VMVAX

### 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.

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

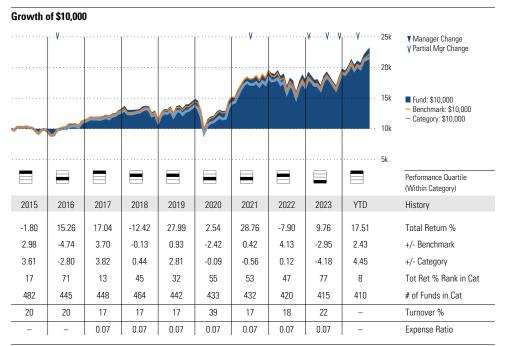
Net Expense: The fund's expense ratio of 0.07 is
 92.71% lower than the Mid-Cap Value category average.

#### 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**

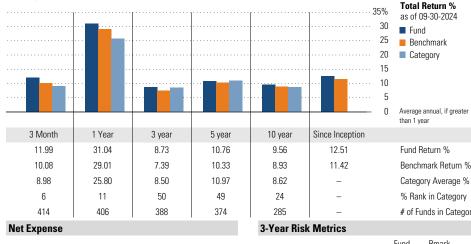
Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

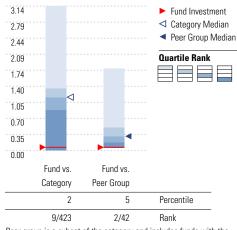


Morningstar Category

Mid-Cap Value

#### Trailing Performance





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

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 Devia	tion	18.68	19.66	19.11
Sharpe Ratio		0.34	0.27	0.32
Tracking Error		2.48	-	4.72
Information Rat	tio	0.54	-	0.24
Up Capture Rat	io	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

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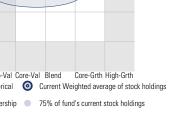
Morningstar Index

Russell Mid Cap Value TR USD

### Vanguard Mid-Cap Value Index Admiral VMVAX

Style Analysis as of 09-30-2024 Morningstar Style Box™











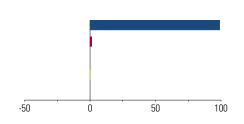
>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Carrier Global Corp Ordinary Shares	1.53	1.53	40.77	Industrials
$\oplus$ Arthur J. Gallagher & Co	1.36	2.89	25.92	Financial Services
$\ominus$ Newmont Corp	1.36	4.25	30.95	Basic Materials
$\ominus$ D.R. Horton Inc	1.24	5.49	26.12	Consumer Cyclical
$\ominus$ United Rentals Inc	1.18	6.67	42.06	Industrials
⊖ ONEOK Inc	1.18	7.85	34.01	Energy
$\oplus$ 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
$\ominus$ Ameriprise Financial Inc	1.02	12.29	24.82	Financial Services
$\ominus$ Fidelity National Information Services Inc	1.01	13.31	41.22	Technology
$\ominus$ L3Harris Technologies Inc	1.00	14.30	14.59	Industrials
$\ominus$ 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



00.00
0.13
2.29
0.02
6.72
90.84
Cat%

Morningstar Index

Russell Mid Cap Value TR USD

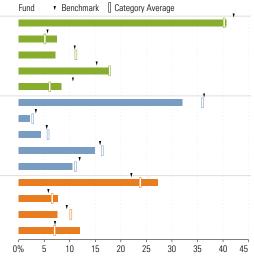
Morningstar Category

Mid-Cap Value

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	40.68	41.94	40.22
æ.	Basic Materials	7.45	5.50	5.13
	Consumer Cyclical	7.23	10.83	11.20
ц.	Financial Services	17.60	15.13	17.81
ŵ	Real Estate	8.40	10.48	6.08
V ^{ar}	Sensitive	32.03	36.15	35.98
đ	Communication Services	2.25	3.22	2.76
0	Energy	4.31	5.35	5.75
Ф	Industrials	14.91	15.79	16.36
	Technology	10.56	11.79	11.11
	Defensive	27.29	21.91	23.80
F	Consumer Defensive	7.68	5.67	6.56
٠	Healthcare	7.58	9.27	10.21
<b>9</b>	Utilities	12.03	6.97	7.03



### Vanguard Real Estate Index Admiral VGSLX

### Portfolio Manager(s)

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

### Quantitative Screens

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

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

Style: The fund has landed in its primary style box — Mid-Cap Blend — 91.43 % of the time over the past three years.

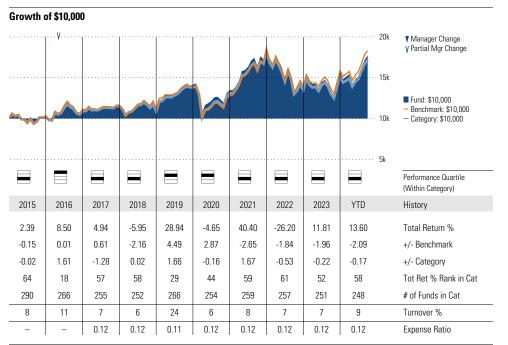
Net Expense: The fund's expense ratio of 0.13 is 88.29% lower than the Real Estate category average.

#### **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
ESG Commitment	1-Low	02-15-2022



**Morningstar Category** 

Real Estate

#### Trailing Performance





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

156	-	# of Funds in Category							
3-Year Risk M	etrics								
		Fund	Bmark	Cat					
Alpha		-2.48	-	-2.12					
Beta		1.03	-	0.97					
R-Squared		98.51	-	94.85					
Standard Deviation	I	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 Rati	0	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

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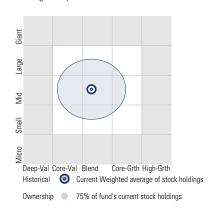


Morningstar Index

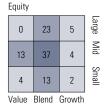
S&P United States REIT TR USD

### Vanguard Real Estate Index Admiral VGSLX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	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
⊖ Equinix Inc	4.47	30.23	11.80	Real Estate
Welltower Inc	4.08	34.31	44.08	Real Estate
⊖ Public Storage	3.14	37.45	22.25	Real Estate
igodot Realty Income Corp	3.01	40.46	14.07	Real Estate
⊖ Simon Property Group Inc	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
⊖ Extra Space Storage Inc	2.08	53.29	15.42	Real Estate
$\ominus$ Iron Mountain Inc	1.90	55.19	72.69	Real Estate
igodot AvalonBay Communities Inc	1.75	56.94	23.04	Real Estate
igodot VICI Properties Inc Ordinary Shares	1.74	58.67	8.45	Real Estate

### Total Holdings 158

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Asset Allocation as of 09-30-2024		
	Asset Class	Net %
	US Stocks	98.30
	Non-US Stocks	0.01
	Bonds	0.00
• • • • • • • • • • • • • • • • • • •	Cash	1.69
	Other	0.00

Total

### Sector Weighting as of 09-30-2024

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		Fund	Bmark	Cat	Fund	۲	Be	encl	nma	ark		Са	ateg	ory	Ave	era	ge						
	Cyclical	99.13	99.13	99.07	_																		
	Basic Materials	0.00	0.00	0.11	ĺ																		
	Consumer Cyclical	0.00	0.13	1.78	0																		
)	Financial Services	0.00	0.00	0.35																			
ł	Real Estate	99.13	99.00	96.83	_															:			
1	Sensitive	0.87	0.87	0.75	0																		
	Communication Services	0.85	0.00	0.16	<u>l</u>																		
	Energy	0.00	0.00	0.02																			
	Industrials	0.02	0.87	0.27	[																		
	Technology	0.00	0.00	0.30																			
•	Defensive	0.00	0.00	0.19	İ.																		
	Consumer Defensive	0.00	0.00	0.00																			
	Healthcare	0.00	0.00	0.16	İ																		
	Utilities	0.00	0.00	0.03																			
					0% 5 10 1	5	20	25	30	1 36	5 /1	n /	5 5	15	56	a n	57	07	5 9	່ດຂ	5 0	in c	

100

S&P United States REIT TR USD

Cat% 88.74

1.06

1.02

1.55

7.63

100.00

100.00

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

### Vanguard Small Cap Growth Index Admiral VSGAX

### 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 years.

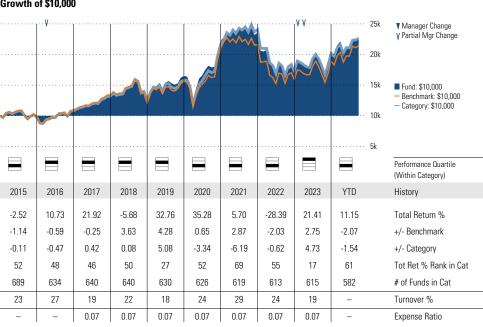
Net Expense: The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

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

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

### **ESG Metrics**

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

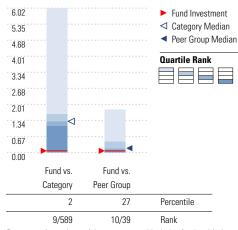


Morningstar Category

Small Growth

### **Trailing Performance**





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

		— 0		
		-	age annual, if gi 1 year	eater
10 year	Since Inception			
9.18	11.58	Fun	d Return %	
8.95	9.53	Ber	ichmark Retu	ırn %
9.93	-	Cat	egory Averag	ge %
63	-	% F	Rank in Cate	gory
407	-	# of	f Funds in Ca	tegory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		-0.66	-	-1.40
Beta		0.95	-	0.92
R-Squared		96.74	-	91.59
Standard Devia	ition	22.39	23.09	22.33
Sharpe Ratio		-0.10	-0.07	-0.13
Tracking Error		4.18	-	6.78
Information Rat	tio	-0.14	-	-0.14
Up Capture Rat	io	97.01	-	89.78
Down Capture	Ratio	99.02	-	94.76
Portfolio M	etrics			
		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

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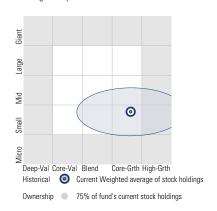
Morningstar Index

Russell 2000 Growth TR USD

Growth of \$10,000

### Vanguard Small Cap Growth Index Admiral VSGAX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	1.46	1.46	_	_
$\ominus$ Axon Enterprise Inc	1.08	2.54	54.69	Industrials
⊖ Deckers Outdoor Corp	0.92	3.46	43.13	Consumer Cyclical
$\ominus$ PTC Inc	0.78	4.24	3.26	Technology
$\ominus$ Lennox International Inc	0.73	4.97	35.79	Industrials
🕀 DraftKings Inc Ordinary Shares - Class A	0.68	5.66	11.21	Consumer Cyclical
$\ominus$ Manhattan Associates Inc	0.65	6.31	30.68	Technology
$\ominus$ Watsco Inc Class A	0.65	6.95	16.63	Industrials
⊖ Entegris Inc	0.64	7.60	-5.83	Technology
① 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
$\ominus$ Targa Resources Corp	0.61	9.47	72.68	Energy
$\ominus$ Pure Storage Inc Class A	0.59	10.05	40.89	Technology
$\ominus$ Dynatrace Inc Ordinary Shares	0.57	10.63	-2.23	Technology
$\ominus$ Guidewire Software Inc	0.57	11.20	67.77	Technology

### Total Holdings 612

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

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

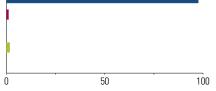
Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 



Fund

26.12

1.91

13.26

5.42

5.53

52.82

3.21

5.18

18.95

25.48

21.05

3.29

17.20

0.56

Bmark

22.41

4.19

9.35

7 23

1.64

47.63

1.80

3.35

20.63

21.85

29.95

3.81

25.54

0.60

#### Asset Class Net % Cat% US Stocks 97.51 92.73 Non-US Stocks 0.96 4.54 Bonds 0.00 0.00 Cash 1.54 1.50 Other 0.00 1.23 Total 100.00 100.00

Morningstar Index

Russell 2000 Growth TR USD

**Morningstar Category** 

Small Growth

Cat

25.06

3.07

10.77

8 75

2.47

50.15

1.41

3.70

21.13

23.91

24.80

4.25

19.87

0.68

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

### 🗄 Increase 😑 Decrease 🕸 New to



### Vanguard Small Cap Value Index Admiral VSIAX

### 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.

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

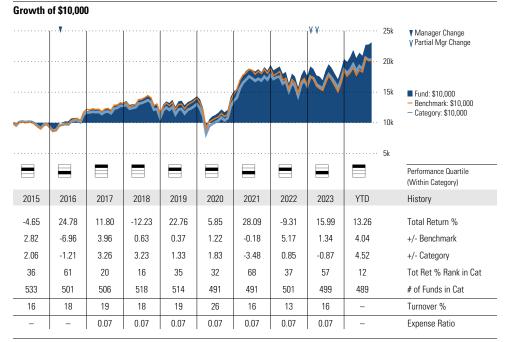
Net Expense: The fund's expense ratio of 0.07 is 93.69% lower than the Small Value category average.

### 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



Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD





3.61 Fund Investment Category Median 3.21 Peer Group Median 2.81 2.41 Quartile Rank 2.01 1.60 1.20 0.80 0.40 Fund vs Fund vs Peer Group Category 2 22 Percentile 9/497 11/51 Rank

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

**3-Year Risk Metrics** Fund Bmark Cat Alpha 4.45 2.65 0.90 0.91 Beta R-Squared 96.34 93.65 Standard Deviation 21 00 22 84 21 56 Sharpe Ratio 0.30 0 1 1 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** 

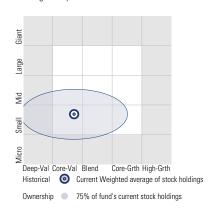
Fund         Bmark         Cat           Price/Earnings Ratio         16.10         13.90         14.46           Price/Book Ratio         1.90         1.31         1.66           Geom Avg Mkt Cap \$B         6.78         2.14         4.78           ROE         13.87         4.84         12.10				
Price/Book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

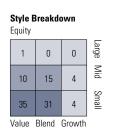
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### Vanguard Small Cap Value Index Admiral VSIAX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Slcmt1142	0.90	0.90	_	_
$\ni$ Smurfit WestRock PLC	0.74	1.64	24.94	Consumer Cyclical
ightarrowBuilders FirstSource Inc	0.65	2.29	16.13	Industrials
igodolog Booz Allen Hamilton Holding Corp Class A	0.61	2.90	28.44	Industrials
eq Carlisle Companies Inc	0.60	3.50	44.82	Industrials
⊖ EMCOR Group Inc	0.58	4.08	100.16	Industrials
€ Atmos Energy Corp	0.58	4.66	21.76	Utilities
igodolog 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
⊖ Pentair PLC	0.47	6.71	35.44	Industrials
	0.46	7.17	62.97	Healthcare
ightarrow Tenet Healthcare Corp	0.46	7.63	119.93	Healthcare
ightarrow Reliance Inc	0.46	8.09	4.59	Basic Materials
ightarrow Toll Brothers Inc	0.46	8.55	50.95	Consumer Cyclical

### Total Holdings 838

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



50

Fund

49.99

6.27

14.50

19.06

10.16

34.10

2.78

3.66

19.82

7 84

15.92

4.43

6.59

4.90

Bmark

54.94

5.05

10.51

25 41

13.97

27.42

2.63

6.80

10.48

7.51

17.63

3.07

9.33

5.23

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

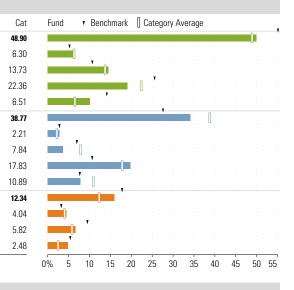
**Morningstar Index** 

Russell 2000 Value TR USD

**Morningstar Category** 

Small Value

100





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Technology Defensive F **Consumer Defensive** 

> Utilities

0

Դ Cyclical

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Energy

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Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Healthcare

Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 11.61 years.

**ESG Metrics** 

Sustainability Rating

ESG Commitment

Metric

Walter Nejman since 02-2013

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

### Vanguard Target Retirement 2020 Fund VTWNX



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Cat

1.08

0.89

-0.05

1.91

0.52

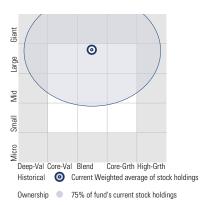
Cat

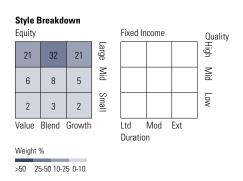
2.92

5 1 5

### Vanguard Target Retirement 2020 Fund VTWNX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Top 7 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Bond Market II Idx Inv	_	33.62	33.62	_	_
$\ominus$ Vanguard Total Stock Mkt Idx InstI PIs	-	22.72	56.35	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	15.39	71.74	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	14.71	86.45	_	_
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	12.93	99.38	-	-
⊖ Mktliq 12/31/2049	-	0.66	100.04	-	-
$\oplus$ Us Dollar	-	0.04	100.08	_	_

### Total Holdings 7

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



Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

**Consumer Defensive** 

Defensive

Healthcare

Դ Cyclical

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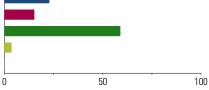
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Energy

¢

Utilities



Fund

33.57

4.23

10.23

16.13

2.98

46.35

7.02

4.28

11.32

23.73

20.09

6.06

11.32

2.71

Bmark

36.89

3.90

10.12

14.68

8.19

44.14

6.49

3.86

10.87

22.92

18.97

5.67

10.51

2.79

Cat

34.82

3.96

9.96

15.47

5.43

45.83

7.04

4.26

10.57

23.96

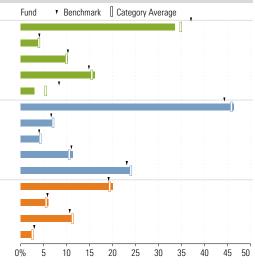
19.35

5.54

11.27

2.54

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



**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

### Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category Target-Date 2025

# Portfolio Manager(s) G Walter Nejman since 02-2013 ... Aurélie Denis since 02-2023 ... Michael Roach since 02-2023 ... Roger Aliaga-Diaz since 02-2023 ... Quantitative Screens ... Q Performance: The fund has finished in the Target-Date ... 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.

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

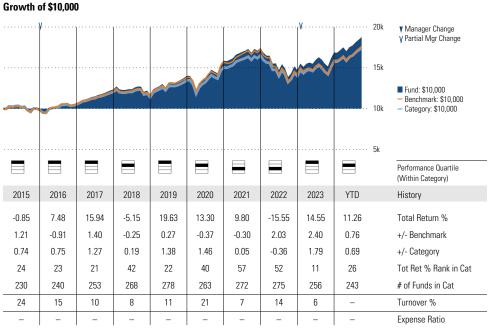
Net Expense: The fund's expense ratio of 0.08 is 85.71% lower than the Target-Date 2025 category average.

### 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.

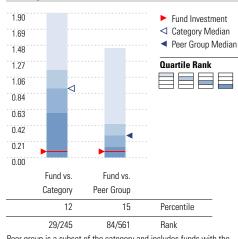
### **ESG Metrics**

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









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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.73	-	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

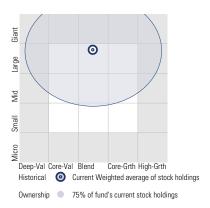
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	21.43	21.88
Price/Book Ratio	2.68	2.81	2.95
Avg Eff Duration	5.84	-	5.46

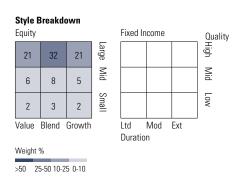
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### Vanguard Target Retirement 2025 Fund VTTVX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 

Other	0.00	
Other	0.06	12.83
Cash	3.01	2.61
Bonds	45.69	43.82
Non-US Stocks	20.33	12.99
US Stocks	30.92	27.74
Asset Class	Net %	Cat%

Morningstar Category

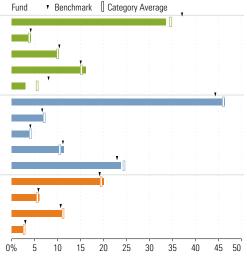
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fu
Դ	Cyclical	33.51	36.90	34.52	
æ.	Basic Materials	4.20	3.98	3.83	
	Consumer Cyclical	10.23	10.20	9.99	
	Financial Services	16.11	14.86	15.16	
ŵ	Real Estate	2.97	7.86	5.54	
v.	Sensitive	46.38	44.13	46.03	
	Communication Services	7.02	6.48	7.08	
$\mathbf{\diamond}$	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	
F	Consumer Defensive	6.06	5.67	5.59	
٠	Healthcare	11.32	10.50	11.16	
9	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
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	30.99	30.99	_	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	28.71	59.70	-	-
igodot Vanguard 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	-	-
	-	0.62	100.02	-	-
🕀 Us Dollar	-	0.02	100.05	_	-

### Total Holdings 7

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



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 11.61 years.

**ESG Metrics** 

Sustainability Rating

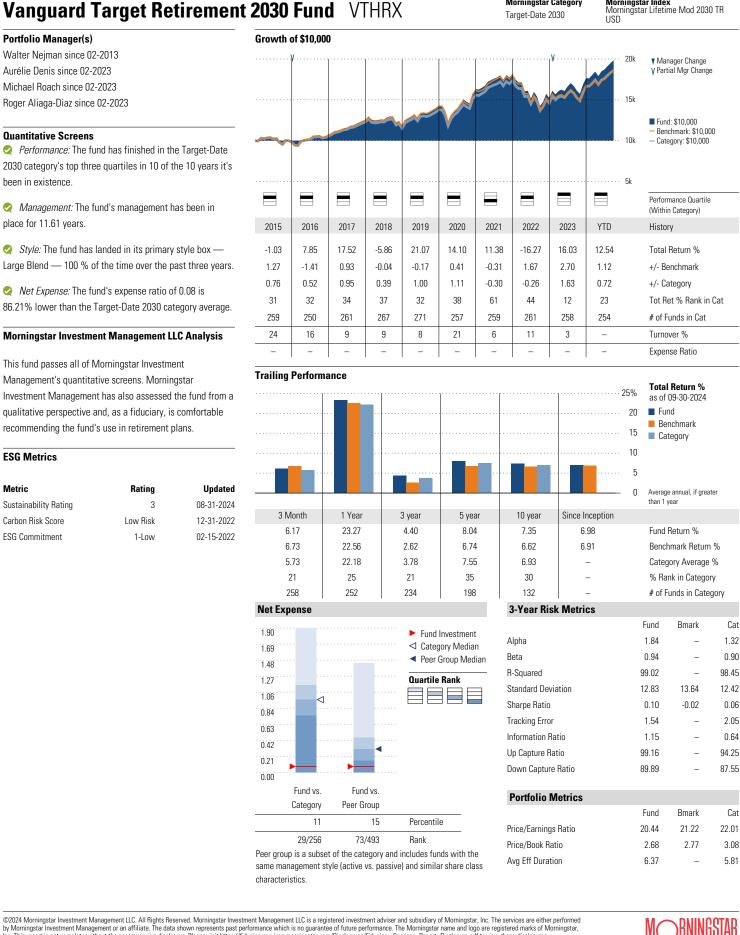
Carbon Risk Score

ESG Commitment

Metric

### Vanguard Target Retirement 2030 Fund VTHRX

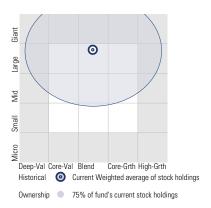
**Morningstar Category** 

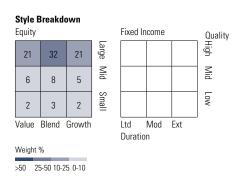


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### Vanguard Target Retirement 2030 Fund VTHRX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 

Other		
Other	0.06	15.95
Cash	2.71	1.84
Bonds	36.46	31.97
Non-US Stocks	24.15	15.60
US Stocks	36.62	34.63
Asset Class	Net %	Cat%

Morningstar Category

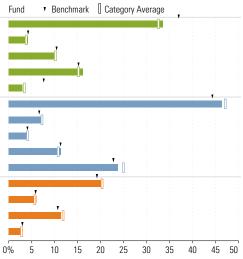
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund	۲
Դ	Cyclical	33.53	36.82	32.58		
æ.	Basic Materials	4.21	4.07	3.81		
A	Consumer Cyclical	10.22	10.26	10.16		
ц <u>е</u>	Financial Services	16.13	15.03	15.18		,
ŵ	Real Estate	2.97	7.46	3.43		
w,	Sensitive	46.38	44.14	47.10		
	Communication Services	7.03	6.48	7.24		
•	Energy	4.29	3.92	4.11		
¢	Industrials	11.31	11.12	10.78		
	Technology	23.75	22.62	24.97		
<b>→</b>	Defensive	20.10	19.04	20.31		_
F	Consumer Defensive	6.05	5.70	5.70		]
٠	Healthcare	11.33	10.52	11.83	_	
9	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
igodot Vanguard Total Stock Mkt Idx Instl PIs	_	36.71	36.71	-	_
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	26.63	63.34	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	24.74	88.08	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	11.32	99.40	-	-
⊖ Mktliq 12/31/2049	-	0.60	100.00	-	-
$\Theta$ Us Dollar	-	0.00	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

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

### Quantitative Screens

Performance: The fund has finished in the Target-Date 2035 category's top three quartiles in 9 of the 10 years it's been in existence.

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

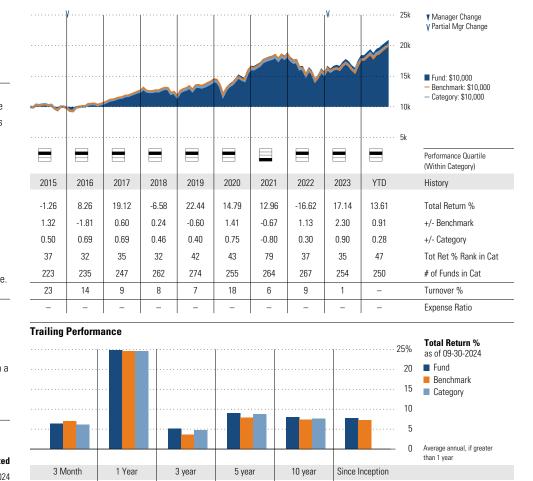
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD





6.30

6.99

6 05

27

24.76

24.54

24 54

58

5.07

3.66

4 70

29

226

8.95

7.83

8 75

46

192

7.93

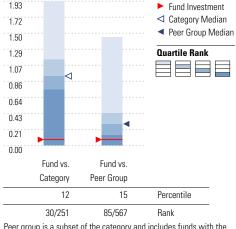
7.33

7 66

за

7.70

7.26



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

39	_	% hank in category					
132	-	# of Funds in Category					
3-Year Risk Metrics							
		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 Rat	io	97.40	-	97.03			
Down Capture	Ratio	90.17	-	91.26			

Fund Return %

Benchmark Return %

Category Average %

% Bank in Category

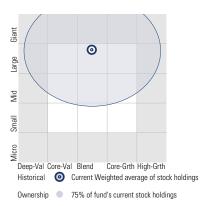
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.47	21.00	21.82
Price/Book Ratio	2.69	2.74	3.01
Avg Eff Duration	6.38	-	6.45

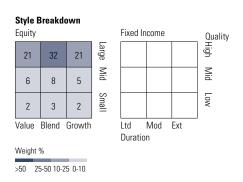
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### Vanguard Target Retirement 2035 Fund VTTHX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 

Other	0.00	
	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%

Morningstar Category

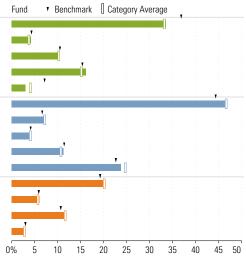
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.51	36.71	33.22	
æ.	Basic Materials	4.20	4.15	3.75	)
A	Consumer Cyclical	10.23	10.34	10.24	
ц <u>ф</u>	Financial Services	16.10	15.22	15.16	
ŵ	Real Estate	2.98	7.00	4.07	
w	Sensitive	46.39	44.21	46.65	
đ	Communication Services	7.02	6.48	7.19	
٥	Energy	4.28	3.97	4.07	
¢	Industrials	11.30	11.26	10.70	
	Technology	23.79	22.50	24.69	
<b>→</b>	Defensive	20.10	19.08	20.13	
F	Consumer Defensive	6.05	5.73	5.71	
٠	Healthcare	11.33	10.52	11.64	_
9	Utilities	2.72	2.83	2.78	



### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	41.37	41.37	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	27.60	68.96	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	21.35	90.32	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	9.09	99.41	-	-
⊖ Mktliq 12/31/2049	-	0.59	100.00	-	-
🕀 Us Dollar	_	0.00	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2040 Fund VFORX

Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

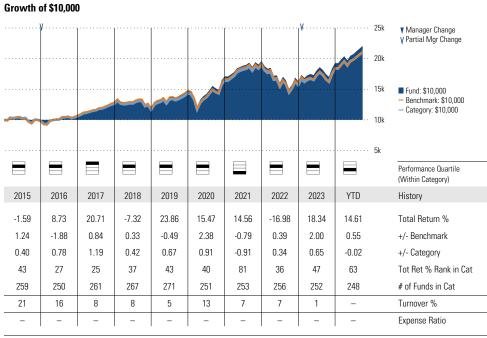
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2040 category average.

#### 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



Morningstar Category

Target-Date 2040

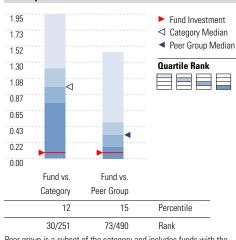
Morningstar Index Morningstar Lifetime Mod 2040 TR

USD

#### Trailing Performance



Net Expense



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

3-Year Risk Metrics			
	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

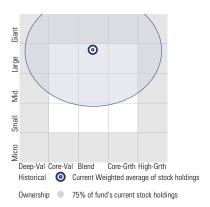
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.53	20.79	21.69
Price/Book Ratio	2.70	2.70	3.00
Avg Eff Duration	6.37	-	7.09

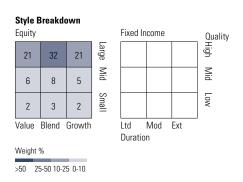
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### Vanguard Target Retirement 2040 Fund VFORX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 

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

Morningstar Category

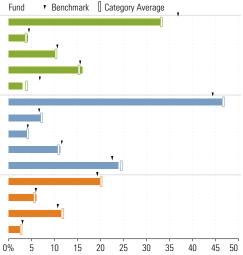
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	F
Դ	Cyclical	33.41	36.68	33.22	
æ.	Basic Materials	4.16	4.25	3.76	
A	Consumer Cyclical	10.22	10.42	10.28	
цů,	Financial Services	16.06	15.39	15.31	
ŵ	Real Estate	2.97	6.62	3.87	
w	Sensitive	46.48	44.22	46.67	
	Communication Services	7.04	6.47	7.16	
0	Energy	4.27	4.00	4.15	
Ø	Industrials	11.27	11.39	10.85	
	Technology	23.90	22.36	24.51	
-	Defensive	20.13	19.12	20.10	
F	Consumer Defensive	6.06	5.76	5.62	
٠	Healthcare	11.35	10.52	11.78	
9	Utilities	2.72	2.84	2.70	



### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	46.30	46.30	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	30.14	76.44	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	16.00	92.44	_	-
$\oplus$ 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

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2045 Fund VTIVX

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.

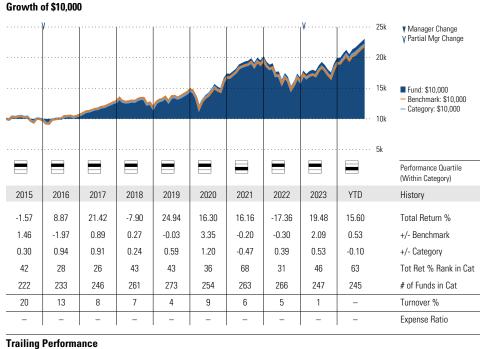
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2045 category average.

#### **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**

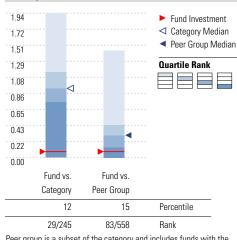
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2045





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

Fund Bmark Cat Alpha 0.96 0.68 0.95 0.97 Beta _ 98.85 **R-Squared** 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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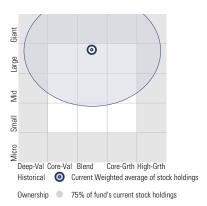


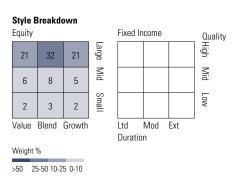
Morningstar Index Morningstar Lifetime Mod 2045 TR

USD

### Vanguard Target Retirement 2045 Fund VTIVX

Style Analysis as of 09-30-2024 Morningstar Style Box™





### Top 6 Holdings as of 09-30-2024

·	50	

### US Stocks Non-US Stocks Bonds Cash Other 100 **Total**

**Morningstar Category** 

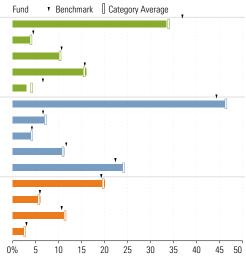
Target-Date 2045

Asset Class

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fu
Դ	Cyclical	33.45	36.75	33.94	
æ.	Basic Materials	4.18	4.32	3.97	
	Consumer Cyclical	10.22	10.48	10.30	
ц.	Financial Services	16.08	15.53	15.56	
ŵ	Real Estate	2.97	6.42	4.11	
w	Sensitive	46.43	44.16	46.37	
	Communication Services	7.03	6.45	7.14	
0	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	
F	Consumer Defensive	6.05	5.77	5.68	
٠	Healthcare	11.34	10.50	11.38	-
<b>9</b>	Utilities	2.72	2.84	2.63	



Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Net %

50.21

32.43

15.09

2.22

0.05

100.00

Cat%

51.65

27.17

8.96

0.78

11.44

100.00

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	50.34	50.34	_	_
-	33.21	83.55	_	-
-	10.91	94.46	-	_
-	4.80	99.25	-	_
-	0.76	100.01	-	-
-	0.01	100.02	-	-
	- - - - -	- 50.34 - 33.21 - 10.91 - 4.80 - 0.76	- 50.34 50.34 - 33.21 83.55 - 10.91 94.46 - 4.80 99.25 - 0.76 100.01	- 50.34 50.34 - - 33.21 83.55 - - 10.91 94.46 - - 4.80 99.25 - - 0.76 100.01 -

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2050 Fund VFIFX

Portfolio Manager(s)

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

### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

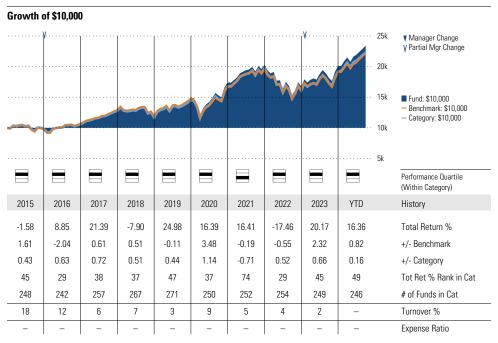
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2050 category average.

### **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

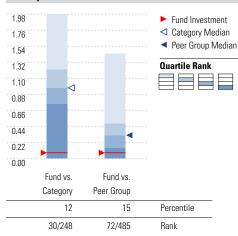


Morningstar Category

Target-Date 2050







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

**3-Year Risk Metrics** Fund Bmark Cat Alpha 1.00 0.58 0.96 0.98 Beta 98.78 **R-Squared** 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

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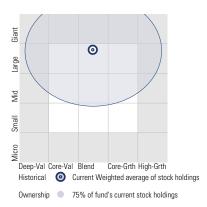


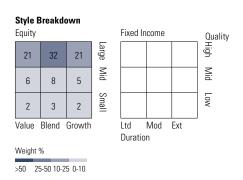
Morningstar Index Morningstar Lifetime Mod 2050 TR

USD

### Vanguard Target Retirement 2050 Fund VFIFX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™



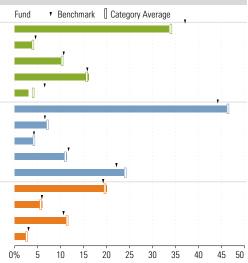


### Top 6 Holdings as of 09-30-2024

					E (
0	50			100	T
Sector Weig	hting as of 09-30-2	024			
		Fund	Bmark	Cat	F

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	33.55	36.90	33.97
æ.	Basic Materials	4.22	4.38	3.96
<b>A</b>	Consumer Cyclical	10.23	10.51	10.32
цф	Financial Services	16.13	15.64	15.67
ŵ	Real Estate	2.97	6.37	4.02
₩.	Sensitive	46.35	44.01	46.38
d	Communication Services	7.02	6.42	7.13
0	Energy	4.28	4.04	4.18
Ф	Industrials	11.32	11.57	11.02
	Technology	23.73	21.98	24.05
-	Defensive	20.10	19.09	19.64
F	Consumer Defensive	6.06	5.77	5.64
٠	Healthcare	11.32	10.47	11.41
9	Utilities	2.72	2.85	2.59



Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Total Stock Mkt Idx InstI PIs	_	53.50	53.50	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.17	89.67	-	_
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.61	96.28	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.98	99.26	-	-
⊖ Mktliq 12/31/2049	-	0.74	100.00	-	-
$\odot$ Us Dollar	_	0.00	100.00	-	-

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Target-Date 2050 Morningstar Lifetin

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

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

### Vanguard Target Retirement 2055 Fund VFFVX

Portfolio Manager(s)

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

### Quantitative Screens

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

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

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

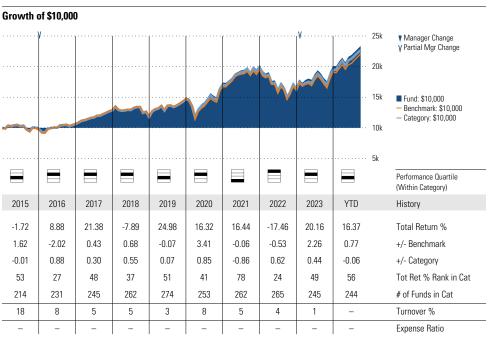
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2055 category average.

### **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

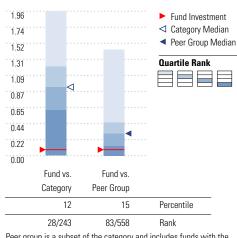


Morningstar Category

Target-Date 2055

### **Trailing Performance**





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

3-Year Risk Metrics					
	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

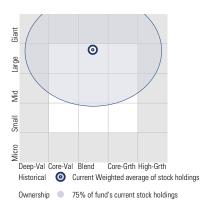
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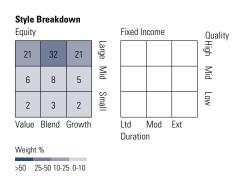


Morningstar Index Morningstar Lifetime Mod 2055 TR USD

### Vanguard Target Retirement 2055 Fund VFFVX

Style Analysis as of 09-30-2024 Morningstar Style Box™





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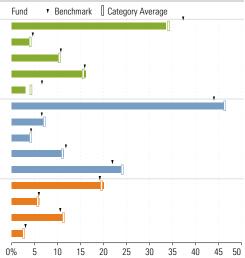
35.26 9.30 1.97 0.06	27.77 5.49 0.68 11.80
9.30	5.49
35.26	27.77
53.41	54.28
Net %	Cat%

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

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.53	37.14	34.12	
æ.	Basic Materials	4.21	4.44	4.02	
	Consumer Cyclical	10.23	10.53	10.36	
ц.	Financial Services	16.12	15.74	15.55	
ŵ	Real Estate	2.97	6.43	4.19	
Vvr	Sensitive	46.36	43.84	46.34	
	Communication Services	7.02	6.39	7.12	
0	Energy	4.28	4.06	4.11	
¢	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	_
9	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
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	-	53.53	53.53	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.12	89.66	-	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.68	96.34	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	3.00	99.34	-	-
① Mktliq 12/31/2049	-	0.67	100.00	-	-
🕀 Us Dollar	-	0.00	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2060 Fund VTTSX

### Portfolio Manager(s)

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

### Quantitative Screens

Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 9 of the 10 years it's been in existence.

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

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

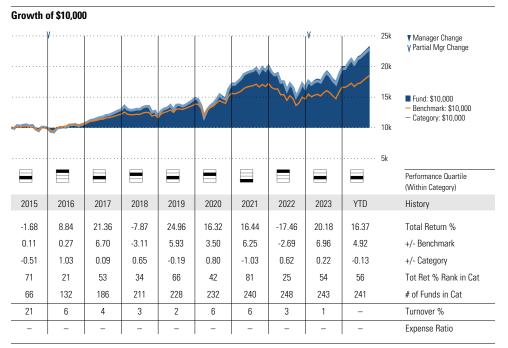
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2060 category average.

### 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

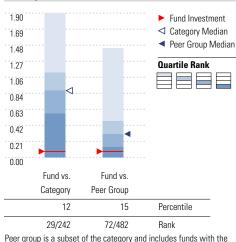


Morningstar Category

Target-Date 2060

#### **Trailing Performance Total Return %** 30% as of 09-30-2024 25 Fund Benchmark 20 Category 15 10 5 0 Average annual, if greater than 1 year 3 Month 1 Year 10 veai Since Inception 3 yea 5 year Fund Return % 6.72 28.93 6.84 11.05 9.11 10.24 6.97 22.04 3.61 7.07 6.49 6.47 Benchmark Return % 6.36 29.35 6 59 10.92 9.04 Category Average % _ 28 62 39 45 61 % Rank in Category 244 239 222 183 33 # of Funds in Category

Net Expense



Peer group is a subset of the category and includes funds with the	
same management style (active vs. passive) and similar share class	5
characteristics.	

3-Year Risk Metrics			
	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

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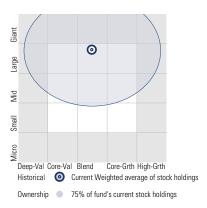


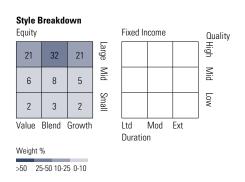
Morningstar Index

Morningstar Mod Tgt Risk TR USD

### Vanguard Target Retirement 2060 Fund VTTSX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





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Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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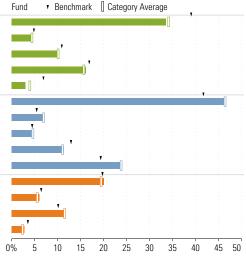
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Asset Class	Net %	Cat%
US Stocks	53.30	54.01
Non-US Stocks	35.30	29.75
Bonds	9.27	5.27
Cash	2.10	0.29
Other	0.06	10.67
Total	100.00	100.00

#### Fund Bmark Cat Cyclical 33.54 38.88 34.14 Basic Materials 4.22 4.68 4.40 Consumer Cyclical 10.22 10.74 10.10 Financial Services 16.13 1671 15.69 Real Estate 2.97 6.75 3.95 Sensitive 46.35 41.54 46.41 **Communication Services** 7.01 5.28 6.93 Energy 4.61 4.29 4.30 Industrials 11.32 12.75 11.07 Technology 23.73 19.21 23.80 20.11 19.59 Defensive 19.46 **Consumer Defensive** 6.06 6.26 5.58 Healthcare 11.32 9.96 11.51 Utilities 2.73 3.37 2.37



### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl Pls	_	53.42	53.42	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	_	36.16	89.58	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	_	6.64	96.22	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	_	2.99	99.22	-	-
⊖ Mktliq 12/31/2049	-	0.77	99.98	-	-
⊖ Us Dollar	-	0.02	100.00	_	-

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD

### Vanguard Target Retirement 2065 Fund VLXVX

### Portfolio Manager(s)

Walter 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.

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

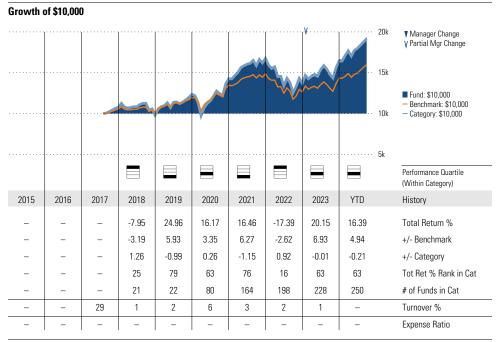
Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2065+ category average.

#### 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



**Morningstar Category** 

Target-Date 2065+

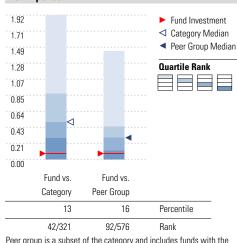
Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### **Trailing Performance**



Net Expense



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

3-Year Risk 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

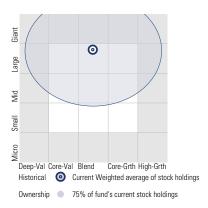
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.41	19.85	20.90
Price/Book Ratio	2.67	2.47	2.76
Avg Eff Duration	6.38	-	8.96

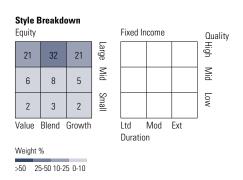
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### Vanguard Target Retirement 2065 Fund VLXVX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





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100

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

0

Asset Class	Net %	Cat%
US Stocks	53.10	47.56
Non-US Stocks	35.38	30.61
Bonds	9.24	5.75
Cash	2.22	0.98
Other	0.06	15.09
Total	100.00	100.00

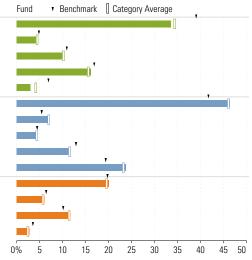
**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2065+

#### Bmark Cat Fund Դ Cyclical 33.57 38.88 34.36 æ. Basic Materials 4.22 4.68 4.44 Consumer Cyclical 10.23 10.74 10.16 ц. Financial Services 16 14 1671 15.60 ŵ Real Estate 2.98 6.75 4.16 Sensitive 46.34 ~ 41.54 46.06 đ **Communication Services** 7.01 5.28 6.97 Energy 4.28 4.30 4.36 ¢ Industrials 11.34 12.75 11.50 Technology 23.71 19.21 23.23 20.09 19.59 Defensive 19.57 **Consumer Defensive** 6.06 6.26 5.73 Healthcare 11.31 9.96 11.41 Utilities 2.72 3.37 2.43



### Top 6 Holdings as of 09-30-2024

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	53.23	53.23	-	_
-	36.25	89.47	_	_
-	6.63	96.10	-	-
-	2.99	99.09	-	-
-	0.86	99.95	-	-
-	0.05	100.00	-	-
		- 53.23 - 36.25 - 6.63 - 2.99 - 0.86	- 53.23 53.23 - 36.25 89.47 - 6.63 96.10 - 2.99 99.09 - 0.86 99.95	- 53.23 53.23 - - 36.25 89.47 - - 6.63 96.10 - - 2.99 99.09 - - 0.86 99.95 -

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

### Vangu

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Vanager Change

V Partial Mgr Change

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

- Category: \$10,000

Performance Quartile

(Within Category)

Total Return %

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

**Total Return %** 

as of 09-30-2024

Average annual, if greater than 1 year

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

Bmark

_

12.57

0.04

_

Bmark

19.85

2.47

Cat

2.62 1.27

95.61

16.71

0.25 5.15 0.65 137.26 124.86

Cat

20.90

2.76

8.96

Fund Return %

Fund

_

Fund

20.48

2.69

6.39

Fund Benchmark

Category

Turnover % Expense Ratio

+/- Category

History

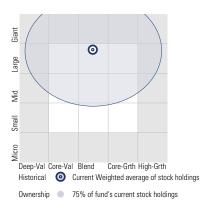
Vanguard T	aryei ne	uremeni		гини	V C		<b>۱</b>			Target-Date	2065+	Morningst
Portfolio Manager(s)			Growth	of \$10,000								
Walter Nejman since 06-				rı				l · · · · · · · · ·	[			15k
Aurélie Denis since 02-20												
Michael Roach since 02-2												
Roger Aliaga-Diaz since C	12-2023										$\sim$	10k
Quantitative Screens		6 I 31								V V		
The Performance screen i less than three years of d		TUNDS WITH										
		om haa haan in										5k
<ul> <li>Management: The fun place for less than three y</li> </ul>												
Style: The fund has la	unded in its primary	style hox —	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD
Large Blend — 100 % of		•	_	_	_	_	_	_	_	_	20.24	16.37
Not Europeou The fun	d'a avrance ratio a	£0.00 in	_	-	-	-	-	_	-	_	7.02	4.92
Net Expense: The fun 86.44% lower than the Ta			-	-	-	-	-	-	-	-	0.08	-0.23
average.		logory	-	-	-	-	-	-	-	-	58	67
			_	-	-	-	-	-	-	-	228	250
Morningstar Investmer	nt Management Ll	LC Analysis		-	-	-	-	-	_	44	2	-
This fund fails the manag	er tenure screen du	e to a limited	_	-	-	-	-	-	-	-	-	-
history for this target-date	e vintage.		Trailing	Performa	nce							
ESG Metrics								]				
Metric	Rating	Updated										
Sustainability Rating Carbon Risk Score	3 Low Risk	08-31-2024 12-31-2022										10
	LOW HISK	12-31-2022					•••••					
												0
				1onth	1 Year		3 year	5 ye	ar	10 year		Inception
				.73 .97	28.98 22.04		- 3.61	7.0	,	- 6.49		6.56 6.47
				.36	29.46		6.70	11.1		-		-
			2	29	63		-	-		-		-
				10	248		-	-		-		-
			Net Exp	ense						3-Year R	isk Metri	ICS
			1.92					Investmen		Alpha		
			1.71 1.49					gory Media Group Mec	n	Beta		
			1.45				Quartile	Rank		R-Squared		
			1.07						_	Standard De		
			0.85	••••••						Sharpe Rati		
			0.64							Tracking Err Information		
			0.43			•				Up Capture		
			0.21 0.00	<b>-</b>	• • •	_				Down Captu	re Ratio	
			0.00	Fund vs.	Fund	l vs.				D4-1:-	NA - 4	
				Category	Peer Gr	oup				Portfolio	Metrics	
				13		16	Percenti	e		Price/Earnin	gs Ratio	
			Door and	42/321		'576	Rank	ado sasiala al-		Price/Book I	•	
			• •	o is a subset agement sty		• /				Avg Eff Dura	ation	
			characteri	etice								
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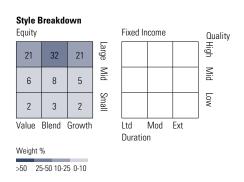
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### Vanguard Target Retirement 2070 Fund VSVNX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





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Asset Class	Net %	Cat%
US Stocks	53.89	47.56
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

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

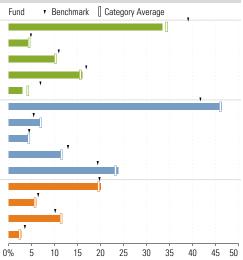
**Morningstar Category** 

Target-Date 2065+

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund	<ul> <li>Benc</li> </ul>
Դ	Cyclical	33.48	38.88	34.36		
æ.	Basic Materials	4.19	4.68	4.44		_
4	Consumer Cyclical	10.22	10.74	10.16		
ц <b>е</b>	Financial Services	16.09	16.71	15.60	· · ·	, ,
ŵ	Real Estate	2.98	6.75	4.16		
w,	Sensitive	46.42	41.54	46.06		
đ	Communication Services	7.03	5.28	6.97		0
•	Energy	4.28	4.30	4.36	<b>i and</b>	
¢	Industrials	11.29	12.75	11.50		
	Technology	23.82	19.21	23.23		
<b>→</b>	Defensive	20.11	19.59	19.57		
F	Consumer Defensive	6.06	6.26	5.73		_
٠	Healthcare	11.33	9.96	11.41		
Ç	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
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	54.02	54.02	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.79	89.81	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.96	96.77	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.98	99.75	-	-
① Mktliq 12/31/2049	-	0.16	99.91	-	-
🕀 Us Dollar	-	0.09	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



average.

Metric

### Vanguard Target Retirement Income Fund VTINX

Morningstar Index Morningstar Lifetime Mod Incm TR

201

15k

10k

5k

20%

15

10

5

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Vanager Change V Partial Mgr Change

Fund: \$10.000 - Benchmark: \$10,000

- Category: \$10,000

Performance Quartile

(Within Category)

Total Return %

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

+/- Category

Turnover %

Expense Ratio

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

Fund

-0.34

0.94

97.99

872

-0 15

1.37

-0.37

93.37

96.13

Fund

20.37

2.67

5 42

# of Funds in Category

Bmark

_

9 22

-0.08

Bmark

22.08

2.94

Cat

-0.49

0.98

97.01

9 18

-0.15

1.77

-0.36

97.18

101.07

Cat

21.46

2.78

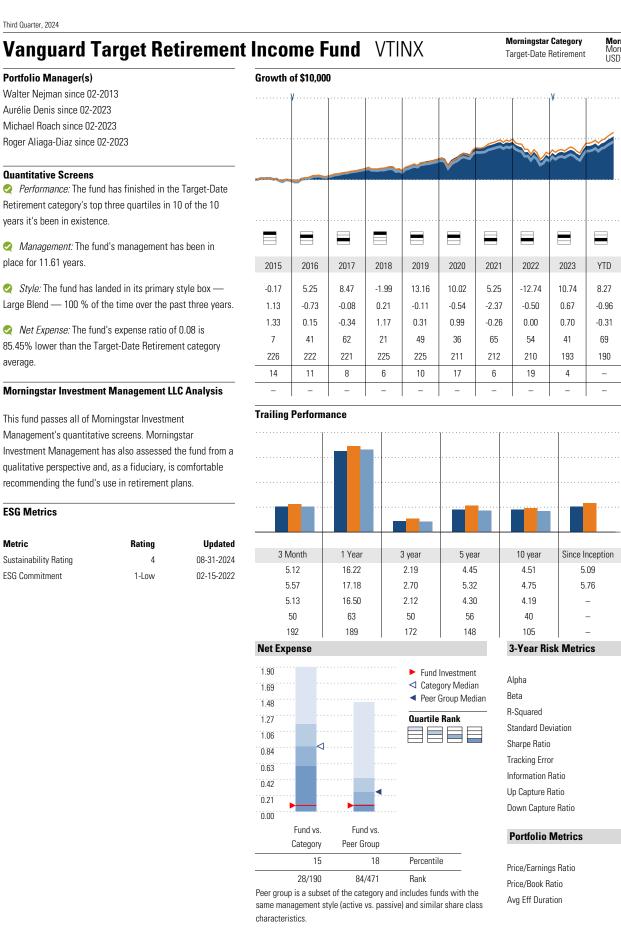
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Fund Return %

Category

Fund

History



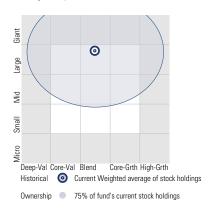
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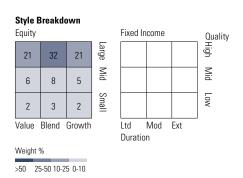
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### Vanguard Target Retirement Income Fund VTINX

Style Analysis as of 09-30-2024 Morningstar Style Box™





## _

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

**b** Cyclical

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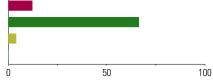
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Energy

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Utilities



Fund

33.59

4.23

10.23

16.14

2.99

46.31

7.01

4.30

11.34

23.66

20.10

6.07

11.31

2.72

Bmark

36.71

3.75

10.01

14.39

8.56

44.33

6.56

3.80

10.61

23.36

18.95

5.63

10.53

2.79

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

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Benchmark Category Average Fund Cat 36.64 3.73 9.75 14.80 8.36 44.13 6.81 3.96 10.13 23.23 19.23 5.59 10.63 3.01 5 10 15 20 25 30 35 40 45 50 0%

### 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	_	_
$igodoldsymbol{ imes}$ Vanguard Total Stock Mkt Idx Instl PIs	-	17.87	54.33	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.75	71.08	_	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	15.86	86.94	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.32	99.26	-	_
⊖ Mktliq 12/31/2049	-	0.72	99.98	-	-
$\oplus$ Us Dollar	-	0.02	100.00	_	-

### Total Holdings 7

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



### 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.

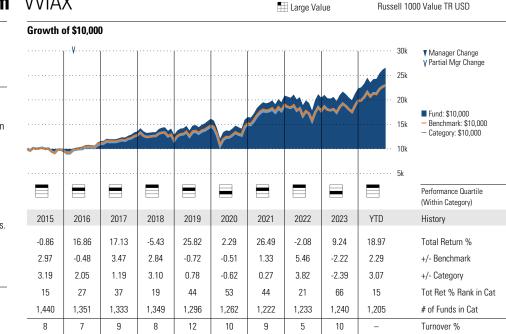
Net Expense: The fund's expense ratio of 0.05 is 94.38% lower than the Large Value category average.

### 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**

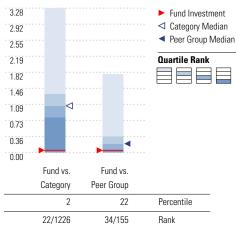
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



**Morningstar Category** 

Morningstar Index





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

10 5 0 Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 2.91 0.87 0.95 Beta 0.93 93.93 **R-Squared** 97.76 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

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0.05

0.05

0.05

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0.05

0.05

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Expense Ratio

**Total Return %** 

as of 09-30-2024

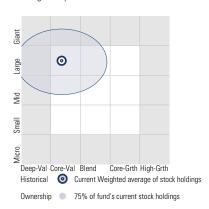
FundBenchmark

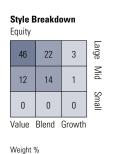
Category



### Vanguard Value Index Adm VVIAX

Style Analysis as of 09-30-2024 Morningstar Style Box™





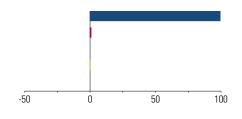
### >50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	3.18	3.18	29.05	Financial Services
m lacksquare JPMorgan Chase & Co	2.74	5.92	25.93	Financial Services
m lace UnitedHealth Group Inc	2.47	8.38	12.21	Healthcare
Đ Exxon Mobil Corp	2.38	10.76	20.09	Energy
m lacepsilon Procter & Gamble Co	1.86	12.62	20.21	Consumer Defensive
🕀 The Home Depot Inc	1.84	14.46	18.87	Consumer Cyclical
$\ni$ Broadcom Inc	1.83	16.30	55.95	Technology
	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
$oldsymbol{eta}$ Oracle Corp	1.29	23.91	62.76	Technology
m lacksquare Coca-Cola Co	1.27	25.18	24.41	Consumer Defensive
$oldsymbol{ m B}$ Bank of America Corp	1.27	26.44	20.05	Financial Services
Đ Chevron Corp	1.17	27.61	2.01	Energy

### Total Holdings 339

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	32.14	36.02	33.33
æ.	Basic Materials	2.26	3.96	3.39
	Consumer Cyclical	5.00	6.72	7.00
,	Financial Services	21.59	20.36	19.46
ŵ	Real Estate	3.29	4.98	3.48
w	Sensitive	34.22	35.42	37.50
	Communication Services	3.23	4.27	5.53
0	Energy	6.61	6.74	7.74
¢	Industrials	13.12	13.94	11.37
	Technology	11.26	10.47	12.86
	Defensive	33.65	28.55	29.16
F	Consumer Defensive	10.40	7.88	8.68
٠	Healthcare	18.05	15.61	15.08
Ç	Utilities	5.20	5.06	5.40



Morningstar Index

Russell 1000 Value TR USD

Morningstar Category

