## **DFA Global Equity I** DGEIX

## Portfolio Manager(s)

Jed Fogdall since 02-2012 Mary Phillips since 02-2017 Allen Pu since 02-2017 Ashish Bhagwanjee since 02-2021

## **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 12.35 years.

Net Expense: The fund's expense ratio of 0.25 is 74.23% lower than the Global Large-Stock Blend category average.

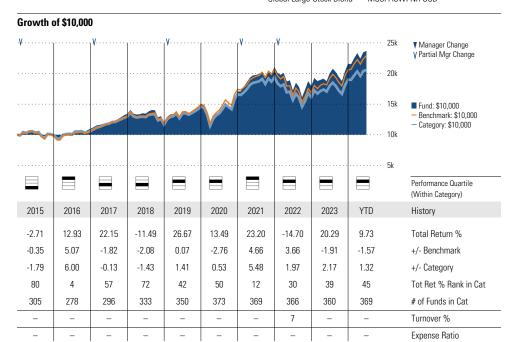
### **Morningstar Investment Management LLC Analysis**

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

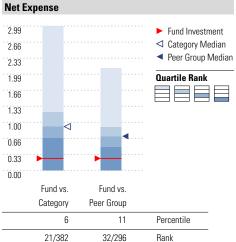
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

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







o rour mon monico			
	Fund	Bmark	Cat
Alpha	0.72	_	-0.97
Beta	1.01	_	0.97
R-Squared	97.57	_	92.30
Standard Deviation	17.16	16.76	16.92
Sharpe Ratio	0.24	0.20	0.13
Tracking Error	2.68	_	4.56
Information Ratio	0.29	_	-0.21
Up Capture Ratio	101.92	_	95.81
Down Capture Ratio	99.06	_	100.30

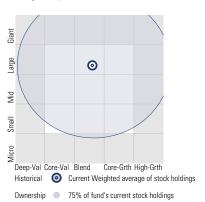
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.35	21.47	19.93
Price/Book Ratio	2.43	2.98	2.95
Geom Avg Mkt Cap \$B	50.54	157.67	131.02
ROE	25.13	27.46	26.49



## **DFA Global Equity I** DGEIX

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

Equity

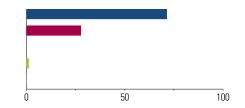
14	20	20	Large
9	12	6	Mid
7	8	4	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.02	1.50
Cash	1.02	0.91
Bonds	0.00	0.42
Non-US Stocks	27.62	35.00
US Stocks	71.33	62.17
Asset Class	Net %	Cat%

**Morningstar Index** 

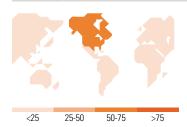
MSCI ACWI NR USD

**Morningstar Category** 

Global Large-Stock Blend

	ctor Weighting as of 06-3			_								
		Fund	Bmark	Cat	Fund	▼ E	enchmar	k [] Ca	ategory	Averag	е	
<sub>Մ</sub>	Cyclical	34.46	31.29	30.64								
<del>A</del> .	Basic Materials	5.22	3.84	4.32			_					
A	Consumer Cyclical	10.95	10.24	11.01								
	Financial Services	15.45	15.14	13.44								
命	Real Estate	2.84	2.07	1.87								
W	Sensitive	47.95	49.13	48.18								
	Communication Services	6.15	8.07	6.80		•[						
ð	Energy	6.55	4.41	4.47								
Ф	Industrials	14.14	9.88	14.28								
	Technology	21.11	26.77	22.63					[			
<b>—</b>	Defensive	17.60	19.58	21.19								
=	Consumer Defensive	6.05	6.14	6.47		<b>[</b> ]						
+	Healthcare	9.43	10.95	11.43								
•	Utilities	2.12	2.49	3.29								

## World Regions % Equity 06-30-2024



	Fund %	Cat %		Fund %	Ca
Greater Asia	12.90	12.40	Americas	74.95	67
Japan	4.46	4.71	North America	74.12	66
Australasia	1.42	0.85	Central/Latin	0.83	0
Asia-4 Tigers	3.05	3.69			
Asia-ex 4 Tigers	3.97	3.15			
Not Classified	0.00	0.00			

Americas	Fund % 74.95	Cat % 67.19	Greater Europe	Fund % 12.16	Cat % 20.41	Market Maturity	Fund %
North America	74.12	66.49	United Kingdom	2.58	5.49	Developed Markets	94.50
Central/Latin	0.83	0.70	W euro-ex UK	8.44	14.54	Emerging Markets	5.50
			Emrgng Europe Africa	0.22 0.92	0.12 0.26	Not Available	0.00

<b>Top 7 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ DFA US Core Equity 2 I	53.08	53.08	_	_
⊕ DFA International Core Equity I	19.26	72.33	_	-
→ DFA US Core Equity 1 I	17.69	90.02	_	-
⊕ DFA Emerging Markets Core Equity I	7.96	97.98	_	-
○ DFA Real Estate Securities I	1.48	99.47	-	-
⊖ DFA International Real Estate Sec I	0.53	100.00	_	_
⊖ Usd	0.00	100.00	-	-

## Total Holdings 7

⊕ Increase ⊖ Decrease 🛪 New to Portfolio



## **DFA US Core Equity 1 I** DFEOX

## Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2012 John Hertzer since 02-2022 Allen Pu since 02-2024

### **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 12.35 years.

Net Expense: The fund's expense ratio of 0.15 is 80% lower than the Large Blend category average.

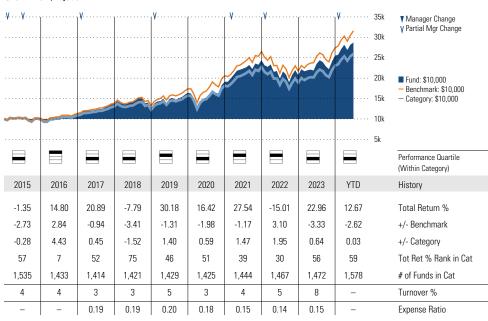
## **Morningstar Investment Management LLC Analysis**

This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
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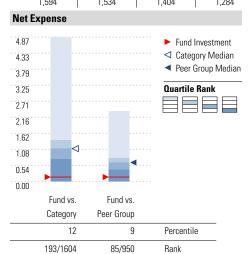
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000



### **Trailing Performance Total Return %** as of 06-30-2024 Fund Benchmark Category 10 Average annual, if greater than 1 year 3 Month 1 Year 3 vea 5 year 10 year Since Inception 10.07 Fund Return % 1.98 22.15 8.76 13.99 11.51 10.01 11.07 4.28 24.56 15.05 12.86 Benchmark Return % 2 41 21.37 7 97 13 28 11 23 Category Average % 64 57 45 48 52 % Rank in Category 1.594 1.534 1.404 1.284 953 # of Funds in Category



3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	-1.00	-	-1.34
Beta	0.98	-	0.94
R-Squared	96.98	-	94.58
Standard Deviation	17.86	17.86	17.23
Sharpe Ratio	0.37	0.44	0.33
Tracking Error	3.11	-	3.71
Information Ratio	-0.40	-	-1.35
Up Capture Ratio	94.85	-	91.28
Down Capture Ratio	98.02	-	96.41

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.58	26.54	24.04
Price/Book Ratio	3.55	4.62	4.83
Geom Avg Mkt Cap \$B	110.42	322.33	370.57
ROE	30.13	33.73	34.43

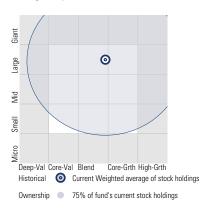


# **DFA US Core Equity 1 I** DFEOX

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

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

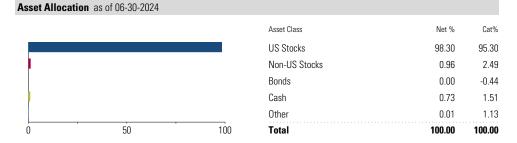
Equity

13	22	25	Large
8	10	6	Mid
6	7	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



	Fund	Bmark	Cat	Fund	<ul><li>Benchm</li></ul>	nark []	Category	Averag	Э
• Cyclical	28.58	26.22	27.77						
Basic Materials	3.25	1.95	2.65						
Consumer Cyclical	10.77	10.11	9.88						
Financial Services	14.30	12.01	13.37						
Real Estate	0.26	2.15	1.87	10					
✓ Sensitive	52.79	53.92	51.57						
Communication Services	7.63	9.34	8.51						
Energy	6.01	3.65	3.82						
Industrials	12.35	7.56	10.04						
Technology	26.80	33.37	29.20					'	
→ Defensive	18.63	19.85	20.66			<b>—</b> [			
Consumer Defensive	6.02	5.75	5.93						
Healthcare	10.23	11.74	12.54		<b>—</b> [				
Utilities	2.38	2.36	2.19						

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Turne .	70 11017 10001	camalativo /s	115 11614111 70	gatar ocotor
Apple Inc	4.88	4.88	9.65	Technology
	4.84	9.73	19.26	Technology
NVIDIA Corp	4.80	14.53	149.49	Technology
	2.29	16.83	27.19	Consumer Cyclical
Meta Platforms Inc Class A	1.74	18.56	42.73	Communication Svc
Exxon Mobil Corp	1.52	20.09	17.04	Energy
Alphabet Inc Class A	1.46	21.55	30.54	Communication Svc
JPMorgan Chase & Co	1.30	22.85	20.20	Financial Services
Alphabet Inc Class C	1.30	24.15	30.29	Communication Svc
⊖ Eli Lilly and Co	1.22	25.38	55.76	Healthcare
Berkshire Hathaway Inc Class B	1.16	26.54	14.06	Financial Services
⊕ Future on E-mini S&P 500 Futures	0.87	27.41	_	-
⊕ Ssc Government Mm Gvmxx	0.86	28.27	_	-
⊕ Broadcom Inc	0.75	29.02	44.77	Technology
Visa Inc Class A	0.73	29.75	1.21	Financial Services

Total Holdings 2596

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

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

## **Quantitative Screens**

Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 7 years it's been in existence.

Management: The fund's management has been in place for 26.99 years.

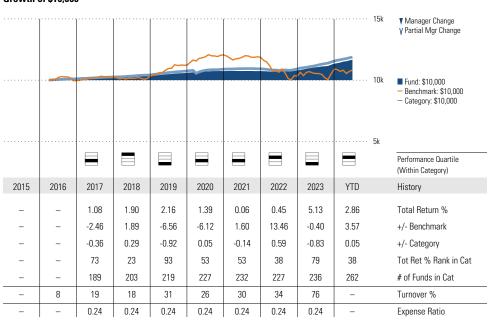
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 41.46% lower than the Ultrashort Bond category average.

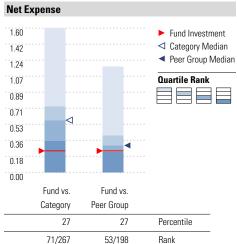
## **Morningstar Investment Management LLC Analysis**

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.

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.98	-	3.02
Beta	0.08	-	0.09
R-Squared	42.48	-	30.02
Standard Deviation	0.94	7.43	1.26
Sharpe Ratio	-1.09	-0.85	-0.91
Tracking Error	6.86	-	6.84
Information Ratio	0.85	-	0.85
Up Capture Ratio	20.35	-	20.02
Down Capture Ratio	-8.34	-	-8.65

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.55	4.43	1.15
Avg Eff Maturity	_	_	2.02



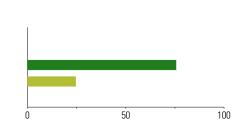
## Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2024





Asset Allocation as of 06-30-2024

29.70 0.20
00.70
66.70
0.00
3.39
Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	43.28
AA	0.00	74.59	10.29
A	0.00	10.82	13.82
BBB	0.00	8.32	14.86
BB	0.00	0.28	2.19
В	0.00	0.00	2.14
Below B	0.00	0.00	0.60
Not Rated	0.00	2.46	12.82

Sector Weighting as of 06-	30-2024																
	Fund	Bmark	Cat	Fun	d	▼ Be	nchm	ark	[] C	ateg	ory /	Avera	age				
Government	5.28	_	22.40														
Treasury	3.80	_	19.73														
Inflation - Protected	0.00	-	0.13	0													
Agency/Quasi Agency	1.48	_	0.58	0													
Other Government Related	0.00	-	1.96	10													
Corporate	0.00	-	37.16	Ţ													
Corporate Bond	0.00	-	36.83	İ													
Bank Loan	0.00	-	0.22														
Convertible	0.00	_	0.00														
Preferred	0.00	_	0.11														
Securitized	70.49	-	18.54														
Agency MBS Pass-Through	9.84	_	2.00														
Agency MBS ARM	0.06	_	0.22														
Agency MBS CMO	60.59	_	0.79														
Non-Agency Residential MBS	0.00	_	0.21														
Commercial MBS	0.00	_	0.50	0													
Asset-Backed	0.00	_	14.82	ĺ													
Covered Bond	0.00	_	0.00														
Municipal	0.00	_	0.59	[]													
Cash & Equivalents	24.23	-	21.25														
Other	0.00	-	0.03														
				0%	5 1	0 15	20	25	30	35	40	45	50	55	60	65	70 75

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Bank Of Montreal 8 Repo	04-2024	9.85	9.85	_
⊕ Hsbc Repo 3 Repo	04-2024	9.85	19.70	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97998%	04-2033	5.22	24.91	-
→ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.82998%	12-2032	4.16	29.07	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.87998%	12-2032	3.91	32.98	-
⊕ Bofam Repo 1 Repo	04-2024	3.78	36.77	_
⊕ Government National Mortgage Association 5.12871%	01-2073	3.51	40.28	-
→ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97039%	07-2053	3.13	43.41	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19998%	10-2032	2.88	46.28	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19998%	11-2032	2.57	48.85	-

Total Holdings 210

⊕ Increase ⊕ Decrease ※ New to Portfolio



## Invesco Balanced-Risk Commodity Strat R6 IBRFX

### Morningstar Category Commodities Broad Basket

**Morningstar Index** 

Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 13.59 years.

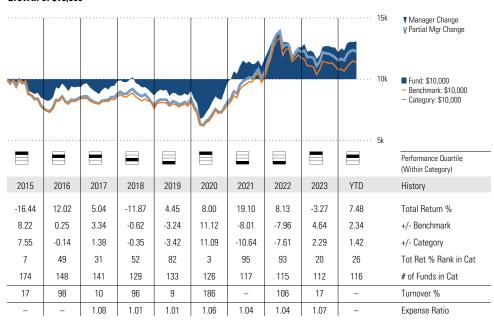
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.14 is 11.76% higher than the Commodities Broad Basket category average.

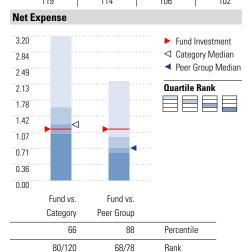
## **Morningstar Investment Management LLC Analysis**

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

## Growth of \$10,000



### **Trailing Performance Total Return %** as of 06-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 1.15 9.59 5.04 8.05 0.71 -0.92 2.89 5.00 5.65 7.25 -1.29 2.62 Benchmark Return % 7 57 7 27 -0.64 1 69 8.32 Category Average % 78 25 67 46 18 % Rank in Category 119 114 106 102 66 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.04	_	1.27
Beta	0.69	_	0.96
R-Squared	78.30	_	88.75
Standard Deviation	11.77	15.12	15.43
Sharpe Ratio	0.19	0.21	0.27
Tracking Error	7.23	_	4.81
Information Ratio	-0.08	_	0.00
Up Capture Ratio	70.85	_	96.44
Down Capture Ratio	65.75	_	90.00

Fund	Bmark	Cat
_	_	7.93
_	_	1.87
_	_	44.07
-	-	27.17
	Fund - - -	Fund Bmark

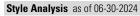


## Invesco Balanced-Risk Commodity Strat R6 IBRFX

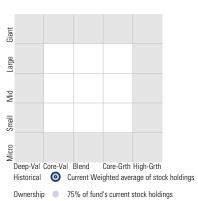
**Morningstar Category**Commodities Broad Basket Bloom

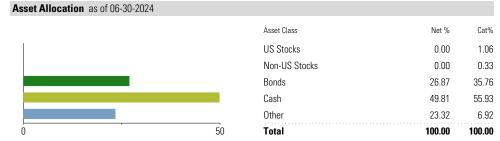
Morningstar Index

Bloomberg Commodity TR USD



Morningstar Style Box™





### Sector Weighting as of 06-30-2024 Fund Bmark Cat Fund Cyclical 44.68 æ. 0 Basic Materials 44.68 Consumer Cyclical 0.00 Financial Services 0.00 侖 Real Estate 0.00 Sensitive 51.07 **Communication Services** 0.00 • Energy 48.94 Ф Industrials 2.13 Technology 0.00 Defensive 4.26 Consumer Defensive 4.26 Healthcare 0.00 Utilities 0.00

### Style Breakdown





value Blend Grow

>50 25-50 10-25 0-10

Weight %

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
☑ Invesco Cayman Commodity Fund lii Hf Hedge	23.32	23.32	_	_
Invesco Shrt-Trm Inv Treasury Instl	17.37	40.69	_	_
Invesco Shrt-Trm Inv Gov&Agcy Instl	15.20	55.88	_	_
Invesco Shrt-Trm Inv Liq Assets Instl	10.73	66.61	_	_
United States Treasury Notes 5.3422%	7.89	74.50	-	-
United States Treasury Notes 5.4552%	6.73	81.23	_	_
United States Treasury Notes 5.5502%	6.49	87.72	_	-
Bank of Montreal 0.1%	5.41	93.13	_	_
Societe Generale S.A. 0.1%	3.05	96.18	_	-
Royal Bank of Canada 0.1%	2.75	98.93	-	-
Barclays Bank plc 0.1%	2.44	101.37	-	_
Usd Currency Cash	1.37	102.74	_	_

Total Holdings 12

⊕ Increase ⊕ Decrease ☼ New to Portfolio



## Lord Abbett Total Return R6 LTRHX

### **Morningstar Category** Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

Robert Lee since 08-2000 Andrew O'Brien since 10-2007 Kewiin Yuoh since 04-2012 Steven Rocco since 04-2016 Adam Castle since 04-2021 Leah Traub since 04-2021 Harris Trifon since 04-2021

### **Quantitative Screens**

Performance: The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 8 of the 8 years it's been in existence.

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.35 is 52.7% 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	2	05-31-2024

### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History 4.38 4.05 -0.52 8.64 7.57 0.29 -13.80 6.49 0.33 Total Return % 1.73 0.51 -0.53 -0.08 0.06 1.83 -0.79 0.96 1.04 +/- Benchmark 0.52 -0.220.09 -0.30 -0.49 0.96 -0.53 0.27 0.22 +/- Category 31 60 41 68 66 14 57 42 32 Tot Ret % Rank in Cat 618 607 649 699 # of Funds in Cat 527 558 586 621 633 434 443 472 643 736 538 393 461 409 Turnover %

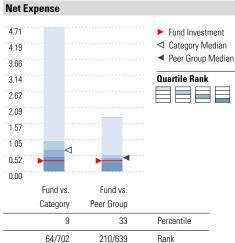


0.35

0.35

0.36

Expense Ratio



0.36

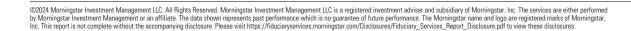
0.37

0.38

0.36

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.31	_	0.02
Beta	0.97	_	1.01
R-Squared	98.20	_	95.90
Standard Deviation	7.28	7.43	7.64
Sharpe Ratio	-0.81	-0.85	-0.82
Tracking Error	1.00	_	1.53
Information Ratio	0.40	_	0.00
Up Capture Ratio	94.94	_	97.93
Down Capture Ratio	92.88	_	98.65

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.78	4.43	6.15
Avg Eff Maturity	7.23	-	9.38





## Lord Abbett Total Return R6 LTRHX

Asset Allocation as of 06-30-2024

### **Morningstar Category** Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD



0	50	100

Total	100.00	100.00
Other	0.35	1.62
Cash	1.49	-2.58
Bonds	98.17	100.91
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.06
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	46.05	3.53	38.61
AA	5.50	74.59	21.18
A	13.50	10.82	11.30
BBB	22.89	8.32	17.49
BB	5.38	0.28	4.68
В	4.47	0.00	1.94
Below B	1.35	0.00	0.92
Not Rated	0.85	2.46	3.88

	Fund	Bmark	Cat	Fund	•	Benr	chmark	Ca	tegory	Avera	ne	
Government	16.43	– Dillark	26.52	rund		20110	J. IIIGIR				,~	
Treasury	15.14	_	16.73									
Inflation – Protected	0.00	_	0.47									
Agency/Quasi Agency	1.29	_	0.30									
Other Government Related	0.00	_	9.02	Ĭ		0						
Corporate	47.02	_	26.46									
Corporate Bond	44.15	_	25.43									
Bank Loan	2.77	_	0.31									
Convertible	0.10	_	0.04									
Preferred	0.00	_	0.68	i[]								
Securitized	35.44	_	39.37				-					
Agency MBS Pass-Through	8.50	_	24.97									
Agency MBS ARM	0.00	_	0.08									
Agency MBS CMO	3.54	_	2.46									
Non-Agency Residential MBS	2.46	_	0.45									
Commercial MBS	1.77	_	1.20									
Asset-Backed	19.17	_	10.21									
Covered Bond	0.00	_	0.00									
Municipal	0.13	-	0.53	ı[]								
Cash & Equivalents	0.97	_	6.32									
Other	0.00	_	0.81	1[								

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 4.5%	03-2026	4.67	4.67	_
⊕ United States Treasury Bonds 4.38%	08-2043	3.34	8.01	_
United States Treasury Bonds 4.25%	02-2054	2.07	10.08	_
⊕ United States Treasury Notes 4.88%	04-2026	1.77	11.85	_
United States Treasury Bonds 3.88%	02-2043	1.43	13.27	-
⊕ Japan Finance Organization for Municipalities 5%	04-2029	1.29	14.57	_
Capital One Multi Asset Execution Trust 2.8%	03-2027	1.01	15.57	_
Ontario Teachers Finance Trust 4.63%	04-2029	0.90	16.47	_
Morgan Stanley 4.43%	01-2030	0.88	17.34	_
∋ Fnma Pass-Thru I 2.5%	08-2050	0.80	18.14	_

Total Holdings 517

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

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

## **Quantitative Screens**

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

Management: The fund's management has been in place for 9.77 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.63 is 8.7% lower than the Global Bond-USD Hedged category average.

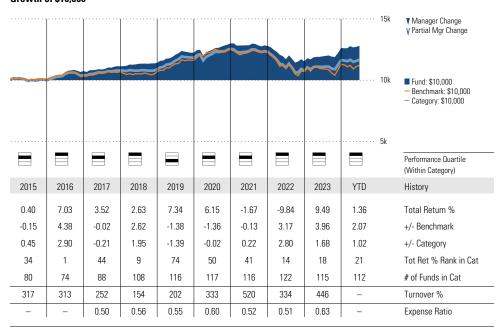
## **Morningstar Investment Management LLC Analysis**

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.

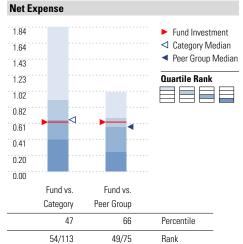
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

## Growth of \$10,000



### **Trailing Performance Total Return %** as of 06-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 year Fund Return % 0.16 7.17 -0.13 1.17 3.10 6.22 0.07 2.63 -3.02 -0.23 1.35 6.53 Benchmark Return % -0.05 -1 92 0.11 1 58 5 19 Category Average % 37 11 3 12 % Rank in Category 112 109 106 99 61 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.64	_	0.39
Beta	0.59	_	0.81
R-Squared	76.68	_	84.66
Standard Deviation	5.01	7.43	6.52
Sharpe Ratio	-0.71	-0.85	-0.84
Tracking Error	3.89	-	3.09
Information Ratio	0.74	-	0.33
Up Capture Ratio	66.86	-	82.20
Down Capture Ratio	50.82	-	78.68

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.34	4.43	5.83
Avg Eff Maturity	7.49	_	7.56



# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar CategoryMorningstar IndexGlobal Bond-USD HedgedBloomberg US Agg Bond TR USD



-50	Ó	50	100	150

Asset Allocation as of 06-30-2024

Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	145.27	90.33
Cash	-42.23	9.55
Other	-3.03	0.12
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	51.22	3.53	28.91
AA	13.50	74.59	11.95
A	15.39	10.82	28.75
BBB	17.35	8.32	18.21
BB	0.83	0.28	3.97
В	0.36	0.00	1.79
Below B	1.35	0.00	0.51
Not Rated	0.00	2.46	5.91

	Fund	Bmark	Cat	Fund	• Bo	nchma	rk N	Catoo	ιοη, Δι	erage		
_				ruliu	, DE	IIICIIIIId	IK []	Categ	JULY AV	reraye	 	
Government	50.90	-	41.72					-				
Treasury	9.48	_	25.50					Ш				
Inflation – Protected	1.02	-	1.21									
Agency/Quasi Agency	0.24	_	3.87	1 []								
Other Government Related	40.16	-	11.14									
Corporate	1.52	-	13.66									
Corporate Bond	1.44	_	13.47									
Bank Loan	0.08	-	0.15									
Convertible	0.00	_	0.02									
Preferred	0.00	_	0.02	İ								
Securitized	10.34	-	6.65									
Agency MBS Pass-Through	6.32	-	4.17		ı							
Agency MBS ARM	0.00	-	0.00	į į								
Agency MBS CMO	0.01	_	0.34	0								
Non-Agency Residential MBS	1.07	_	0.13	0								
Commercial MBS	0.14	_	0.13									
Asset-Backed	1.90	_	1.41									
Covered Bond	0.90	_	0.47	0								
Municipal	0.03	_	0.08									
Cash & Equivalents	20.61	-	2.99									
Other	16.57	-	34.88									

<b>Top 0 Holdings</b> as of 06-30-2024				
Name Mat	aturity Date	% Net Asset	Cumulative %	Fixed Income Sector

⊕ Increase ⊕ Decrease ☼ New to Portfolio

Total Holdings 0



## State St Russell Lg Cap Gr® Indx NL CI C

Morningstar Category

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

## Portfolio Manager(s)

Management Team since 07-1999

### **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 25.01 years.

Net Expense: The fund's expense ratio of 0.04 is 95.18% lower than the Large Growth category average.

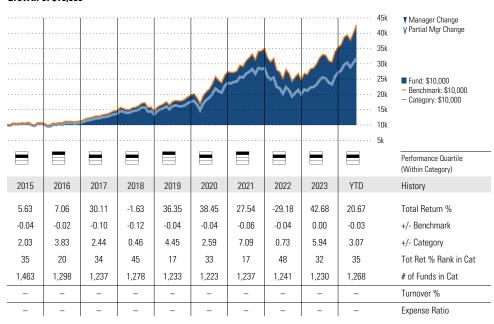
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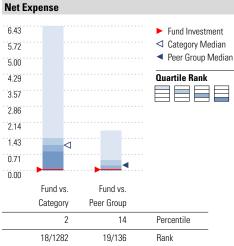
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-2.89
Beta	1.00	_	1.00
R-Squared	100.00	-	96.17
Standard Deviation	21.21	21.21	21.56
Sharpe Ratio	0.45	0.45	0.32
Tracking Error	0.05	_	3.94
Information Ratio	-0.86	_	-0.84
Up Capture Ratio	99.94	_	94.65
Down Capture Ratio	100.05	-	103.91

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	35.16	35.19	34.99
Price/Book Ratio	11.60	11.62	8.63
Geom Avg Mkt Cap \$B	608.65	608.44	540.94
ROE	43.78	43.78	39.15



## State St Russell Lg Cap Gr® Indx NL CI C

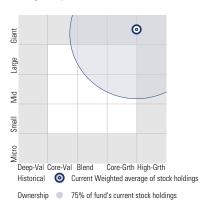
**Morningstar Category** Large Growth

**Morningstar Index** 

Russell 1000 Growth TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

Equity

3	27	58	Large
1	4	6	Mid
0	1	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2024



		Fund	Bmark	Cat	Fund	۱ ۱	Ben	chma	rk	] Cat	egor	γ Ανε	erage			
b	Cyclical	20.73	20.71	23.95												
ì.	Basic Materials	0.57	0.57	1.17	ı)											
•	Consumer Cyclical	14.03	14.02	13.74												
	Financial Services	5.39	5.38	8.16												
b	Real Estate	0.74	0.74	0.88	Ú											
NF	Sensitive	65.37	65.39	60.80												ď
	Communication Services	12.59	12.60	12.29												
•	Energy	0.46	0.46	0.94	Ú											
þ	Industrials	4.46	4.45	6.57												
1	Technology	47.86	47.88	41.00										Ĭ		
+	Defensive	13.90	13.90	15.25												
Ę	Consumer Defensive	3.78	3.77	2.75												
ı	Healthcare	10.06	10.07	12.09												
7	Utilities	0.06	0.06	0.41	ĺ											

•				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	11.65	11.65	19.26	Technology
Apple Inc	10.76	22.40	9.65	Technology
NVIDIA Corp	10.28	32.68	149.49	Technology
⊕ Amazon.com Inc	6.10	38.78	27.19	Consumer Cyclical
⊕ Meta Platforms Inc Class A	3.91	42.68	42.73	Communication Svc
⊕ Alphabet Inc Class A	3.79	46.47	30.54	Communication Svc
	3.22	49.70	30.29	Communication Svc
Eli Lilly and Co	2.68	52.38	55.76	Healthcare
Broadcom Inc	2.42	54.80	44.77	Technology
Tesla Inc	1.91	56.71	-20.36	Consumer Cyclical
Visa Inc Class A	1.46	58.17	1.21	Financial Services
UnitedHealth Group Inc	1.39	59.57	-2.51	Healthcare
Costco Wholesale Corp	1.32	60.88	29.10	Consumer Defensive
Mastercard Inc Class A	1.28	62.17	3.74	Financial Services
The Home Depot Inc	1.20	63.37	0.63	Consumer Cyclical

**Total Holdings 442** 

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## State St Russell Lg Cp Val® Indx NL Cl C

Morningstar Category
Large Value

Morningstar Index

Russell 1000 Value TR USD

## Portfolio Manager(s)

Management Team since 02-1999

### **Quantitative Screens**

Performance: The fund has finished in the Large Value 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 25.36 years.

✓ Net Expense: The fund's expense ratio of 0.04 is 95.12% lower than the Large Value category average.

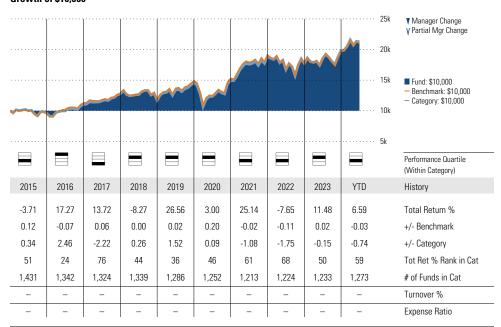
## **Morningstar Investment Management LLC Analysis**

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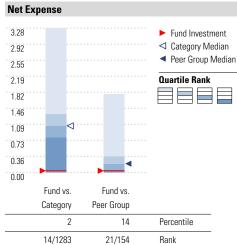
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	-	1.52
Beta	1.00	-	0.96
R-Squared	100.00	-	96.02
Standard Deviation	16.59	16.60	16.35
Sharpe Ratio	0.20	0.20	0.28
Tracking Error	0.04	_	3.07
Information Ratio	-1.04	-	0.20
Up Capture Ratio	99.89	-	99.02
Down Capture Ratio	100.05	_	92.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.83	18.83	18.50
Price/Book Ratio	2.38	2.38	2.50
Geom Avg Mkt Cap \$B	76.67	76.63	122.00
ROE	16.32	16.32	21.30



## State St Russell Lg Cp Val® Indx NL Cl C

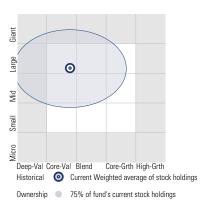
## Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

Equity

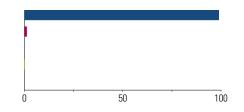
27	26	7	Large
13	15	5	NIG
3	3	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.19
Cash	0.13	0.94
Bonds	0.00	0.19
Non-US Stocks	1.04	5.87
US Stocks	98.83	91.82
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchmark	[] C	ategory .	Average	_	
ŀ	Cyclical	35.82	35.79	33.12								
i.	Basic Materials	4.11	4.11	3.57		0						
Д	Consumer Cyclical	5.10	5.10	6.64								
<b>,</b>	Financial Services	21.90	21.90	19.70								
è	Real Estate	4.71	4.68	3.21		()==(						
M	Sensitive	37.22	37.23	38.50								
₫	Communication Services	4.59	4.59	5.64			_					
•	Energy	8.04	8.03	8.33								
<b>Ģ</b>	Industrials	13.79	13.80	11.96		- :		1				
	Technology	10.80	10.81	12.57								
<b>→</b>	Defensive	26.98	26.97	28.37								
=	Consumer Defensive	7.88	7.88	8.54			<b>i</b> []					
٠	Healthcare	13.91	13.91	14.50			:					
P	Utilities	5.19	5.18	5.33								

<b>Top 15 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Berkshire Hathaway Inc Class B	3.49	3.49	14.06	Financial Services
→ JPMorgan Chase & Co	2.73	6.22	20.20	Financial Services
	2.45	8.67	17.04	Energy
⊖ Johnson & Johnson	1.65	10.32	-5.20	Healthcare
○ Procter & Gamble Co	1.47	11.79	13.87	Consumer Defensive
─ Walmart Inc	1.36	13.15	29.64	Consumer Defensive
⊕ Bank of America Corp	1.28	14.43	19.54	Financial Services
○ Chevron Corp	1.26	15.69	7.05	Energy
Merck & Co Inc	1.20	16.89	14.97	Healthcare
→ Wells Fargo & Co	1.00	17.89	22.08	Financial Services
Cisco Systems Inc	0.90	18.79	-4.39	Technology
	0.90	19.69	7.52	Basic Materials
	0.85	20.54	9.97	Communication Svc
○ Verizon Communications Inc	0.81	21.35	12.92	Communication Svc
GE Aerospace	0.81	22.15	55.25	Industrials

## **Total Holdings 847**

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## State St Russell Sm Cap® Gr Indx NL Cl C

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

## Portfolio Manager(s)

Management Team since 09-2009

### **Quantitative Screens**

Performance: The fund has finished in the Small Growth 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 14.83 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 0.05 is
95.33% lower than the Small Growth category average.

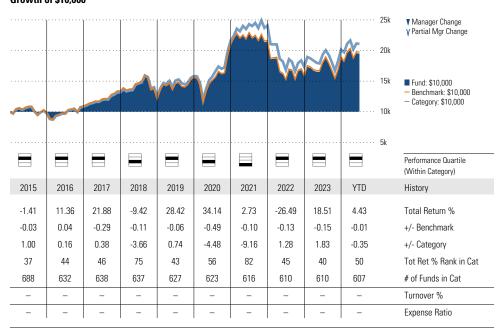
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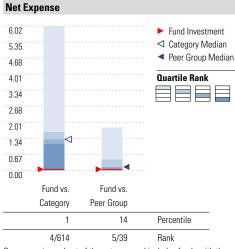
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.15	_	0.82
Beta	1.00	_	0.94
R-Squared	100.00	_	94.05
Standard Deviation	22.78	22.80	22.16
Sharpe Ratio	-0.26	-0.26	-0.22
Tracking Error	0.09	-	5.13
Information Ratio	-1.55	-	0.09
Up Capture Ratio	99.58	-	95.39
Down Capture Ratio	100.09	-	93.09

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.96	21.94	26.27
Price/Book Ratio	3.95	3.95	3.79
Geom Avg Mkt Cap \$B	3.68	3.68	6.48
ROE	10.96	10.95	11.74



## State St Russell Sm Cap® Gr Indx NL CI C

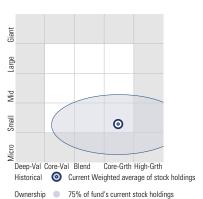
## Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

Equity

. ,			
0	0	0	Large
1	3	7	Mid
11	34	46	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 06-30-2024



		Fund	Bmark	Cat	Fund	ŀ	▼ Be	nchma	rk [	Cate	jory Av	verage		
<b>Ն</b>	Cyclical	20.72	20.67	24.85										
ė.	Basic Materials	4.24	4.24	3.24										
<b>A</b>	Consumer Cyclical	9.69	9.68	11.35										
<b>,</b>	Financial Services	5.32	5.29	8.02										
è	Real Estate	1.47	1.46	2.24	<b>[</b> ]									
M	Sensitive	51.27	51.41	50.70										
	Communication Services	1.63	1.63	1.39		į								
ð	Energy	4.49	4.63	4.01		0			_					
<b>Ģ</b>	Industrials	18.34	18.35	20.34										
	Technology	26.81	26.80	24.96							_ :			
<b>→</b>	Defensive	28.02	27.92	24.46										
=	Consumer Defensive	5.17	5.17	4.45		0								
٠	Healthcare	21.46	21.36	19.34										
•	Utilities	1.39	1.39	0.67	0									

100

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Super Micro Computer Inc	3.21	3.21	188.24	Technology
	1.57	4.78	118.09	Technology
e.l.f. Beauty Inc	0.87	5.65	45.99	Consumer Defensive
Comfort Systems USA Inc	0.83	6.48	48.14	Industrials
⊕ E-Mini Russ 2000 Sep24 Xcme 20240920	0.79	7.26	-	_
⊖ FTAI Aviation Ltd	0.79	8.05	123.77	Industrials
⊕ Insmed Inc	0.77	8.82	116.20	Healthcare
Onto Innovation Inc	0.70	9.52	43.60	Technology
	0.68	10.20	28.61	Technology
Weatherford International PLC Ordinary Shares - New	0.67	10.87	25.17	Energy
Sprouts Farmers Market Inc	0.65	11.52	73.89	Consumer Defensive
	0.61	12.13	20.24	Healthcare
Applied Industrial Technologies Inc	0.57	12.71	12.77	Industrials
	0.56	13.27	30.02	Healthcare
⇒ Simpson Manufacturing Co Inc	0.55	13.82	-14.60	Basic Materials

Total Holdings 1021

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## State St Russell Sm Cp® Val Indx NL Cl C

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

## Portfolio Manager(s)

Management Team since 09-2009

### **Quantitative Screens**

Performance: The fund has finished in the Small Value 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 14.83 years.

Net Expense: The fund's expense ratio of 0.05 is 95.1% lower than the Small Value category average.

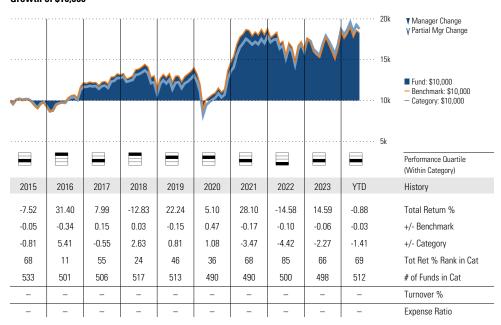
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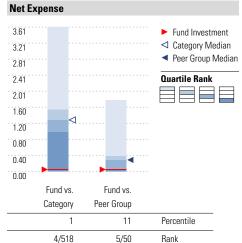
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.08	_	2.49
Beta	1.00	_	0.95
R-Squared	100.00	_	96.21
Standard Deviation	21.94	21.93	21.19
Sharpe Ratio	-0.08	-0.07	0.04
Tracking Error	0.07	_	3.85
Information Ratio	-1.13	_	0.25
Up Capture Ratio	99.95	-	98.43
Down Capture Ratio	100.20	_	90.93

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.53	12.54	14.15
Price/Book Ratio	1.29	1.29	1.57
Geom Avg Mkt Cap \$B	2.19	2.18	4.55
ROE	5.61	5.61	12.76



# State St Russell Sm Cp® Val Indx NL CI C

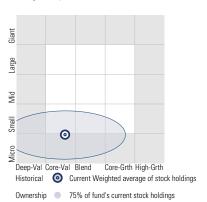
## Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

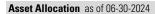
Equity

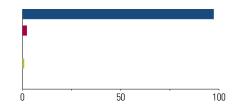
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53	31	11	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.17
Cash	0.72	3.30
Bonds	0.00	0.05
Non-US Stocks	2.08	3.77
US Stocks	97.20	92.73
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
Ն	Cyclical	51.13	51.08	48.83	
A.	Basic Materials	5.11	5.12	6.53	
<b>A</b>	Consumer Cyclical	10.55	10.54	13.88	
æ	Financial Services	23.46	23.44	22.61	
æ	Real Estate	12.01	11.98	5.81	
M	Sensitive	32.86	32.89	37.79	
d	Communication Services	2.02	2.03	1.88	
•	Energy	9.94	9.96	8.07	······································
¢	Industrials	13.45	13.46	18.08	
	Technology	7.45	7.44	9.76	
<b>→</b>	Defensive	16.02	16.03	13.39	
	Consumer Defensive	3.27	3.26	4.10	
۲	Healthcare	8.85	8.88	6.15	
•	Utilities	3.90	3.89	3.14	

<b>Top 15 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ E-Mini Russ 2000 Sep24 Xcme 20240920	0.93	0.93	_	_
⊕ Chord Energy Corp Ordinary Shares - New	0.82	1.75	4.60	Energy
⊕ State Street Corporation Short Term Investment Fund	0.66	2.41	_	_
⊖ Carvana Co Class A	0.58	2.98	143.14	Consumer Cyclical
Permian Resources Corp Class A	0.56	3.54	21.32	Energy
○ Commercial Metals Co	0.50	4.04	10.57	Basic Materials
	0.46	4.50	-1.92	Energy
∃ Jackson Financial Inc	0.46	4.96	_	Financial Services
∋ Essent Group Ltd	0.46	5.42	7.60	Financial Services
→ Meritage Homes Corp	0.46	5.88	-6.23	Consumer Cyclical
⇒ SouthState Corp	0.45	6.33	-8.28	Financial Services
∃ Taylor Morrison Home Corp	0.44	6.77	3.92	Consumer Cyclical
→ UFP Industries Inc	0.44	7.21	-10.27	Basic Materials
→ Matador Resources Co	0.43	7.65	5.52	Energy
Civitas Resources Inc Ordinary Shares	0.43	8.08	5.22	Energy

**Total Holdings** 1378

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard 500 Index Admiral VFIAX

## Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

## Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 6.59 years.

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

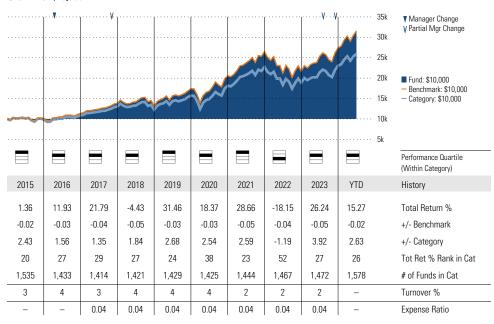
## **Morningstar Investment Management LLC Analysis**

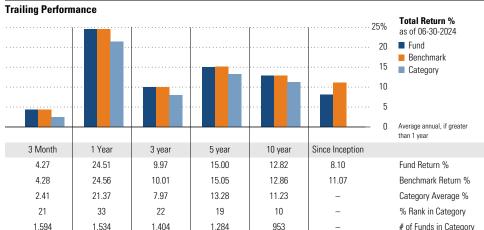
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000





Net Expe	ense		
4.87			► Fund Investment
4.33			Category Median
3.79			◆ Peer Group Median
3.25			Quartile Rank
2.71			
2.16			
1.62			
1.08	4		
0.54			
0.00			
1	Fund vs.	Fund vs.	
C	ategory	Peer Group	
	6	33	Percentile
	98/1604	175/532	Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-1.34
Beta	1.00	_	0.94
R-Squared	100.00	_	94.58
Standard Deviation	17.86	17.86	17.23
Sharpe Ratio	0.43	0.44	0.33
Tracking Error	0.00	_	3.71
Information Ratio	-11.64	_	-1.35
Up Capture Ratio	99.91	_	91.28
Down Capture Ratio	100.07	_	96.41

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.53	26.54	24.04
Price/Book Ratio	4.63	4.62	4.83
Geom Avg Mkt Cap \$B	322.58	322.33	370.57
ROE	33.75	33.73	34.43

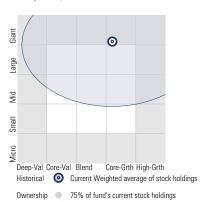


## Vanguard 500 Index Admiral VFIAX

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

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

Equity

14	29	39	Large
6	9	3	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 06-30-2024



cal Materials umer Cyclical	<b>26.21</b> 1.95	Bmark <b>26.22</b> 1.95	Cat <b>27.77</b>	Func	d -	▼ Ben	chmar	k []	Catego	ory Av	erage		
Materials	1.95		27.77				_						
		1.95											
umer Cyclical	40.40		2.65			Ė							
	10.12	10.11	9.88										
cial Services	11.99	12.01	13.37				]						
Estate	2.15	2.15	1.87										
tive	53.94	53.92	51.57										
nunication Services	9.34	9.34	8.51			0							
y	3.65	3.65	3.82		Ò								
trials	7.56	7.56	10.04			ĺ							
nology	33.39	33.37	29.20								ľ		
sive	19.86	19.85	20.66										
umer Defensive	5.74	5.75	5.93										
haara	11.75	11.74	12.54										
ncare	2.37	2.36	2.19										
L	care					i <b>j</b> i	i <b>j</b> i i i i	i 💇 i e i 🧸 i e i e i e i e i e i e i e i e i e i	i grani i di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacama	i y i i i i i i i i i	ing and the second of the seco	 i y i i i či i i i i i i i i i i i i i i	ing the state of the state of the state of the state of the state of the state of the state of the state of the

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<b>Top 15 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	7.23	7.23	19.26	Technology
	6.62	13.85	149.49	Technology
	6.61	20.46	9.65	Technology
⊕ Amazon.com Inc	3.85	24.31	27.19	Consumer Cyclical
	2.41	26.72	42.73	Communication Svc
	2.33	29.05	30.54	Communication Svc
	1.95	31.00	30.29	Communication Svc
→ Berkshire Hathaway Inc Class B	1.60	32.61	14.06	Financial Services
⊕ Eli Lilly and Co	1.57	34.18	55.76	Healthcare
⊕ Broadcom Inc	1.52	35.70	44.77	Technology
	1.26	36.97	20.20	Financial Services
⊕ Tesla Inc	1.20	38.16	-20.36	Consumer Cyclical
⊕ Exxon Mobil Corp	1.12	39.29	17.04	Energy
─ UnitedHealth Group Inc	1.02	40.31	-2.51	Healthcare
⇒ Visa Inc Class A	0.89	41.20	1.21	Financial Services

Total Holdings 507

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# Vanguard Developed Markets Index Admiral VTMGX

## Morningstar Category Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

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

## **Quantitative Screens**

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

Management: The fund's management has been in place for 11.36 years.

Net Expense: The fund's expense ratio of 0.08 is 90.7% lower than the Foreign Large Blend category average.

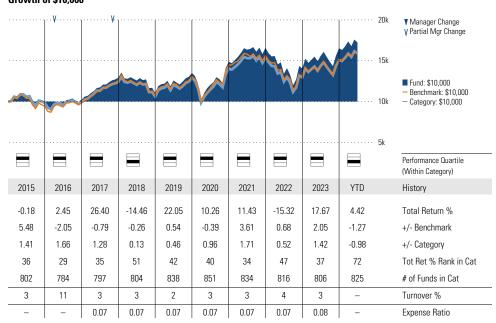
## **Morningstar Investment Management LLC Analysis**

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

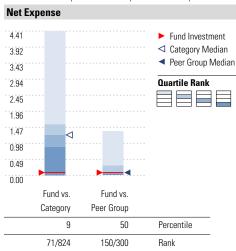
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



### **Trailing Performance Total Return %** as of 06-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -0.70 10.59 1.79 6.52 4.51 4.56 Fund Return % 0.96 11.62 0.46 5.55 3.84 4.91 Benchmark Return % 10.57 0.15 1.24 5 95 4 17 Category Average % 79 58 43 37 % Rank in Category 828 817 755 704 457 # of Funds in Category



3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.46	_	0.70
Beta	1.08	_	1.02
R-Squared	96.23	_	92.87
Standard Deviation	18.07	16.36	17.37
Sharpe Ratio	0.00	-0.10	-0.05
Tracking Error	3.76	-	4.65
Information Ratio	0.35	-	0.16
Up Capture Ratio	116.83	_	107.65
Down Capture Ratio	110.70	-	105.02

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.63	15.74	15.78
Price/Book Ratio	1.68	1.81	1.94
Geom Avg Mkt Cap \$B	34.10	51.02	60.43
ROE	16.24	17.31	19.31



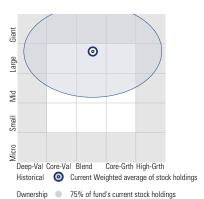
# Vanguard Developed Markets Index Admiral VTMGX

## **Morningstar Category**Foreign Large Blend

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

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

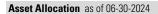
Equity

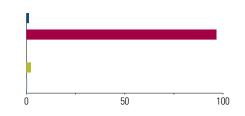
	0.1	00	Laigo
26	24	28	
5	8	5	IVIIG
2	2	1	O I I

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	1.12	3.61
Non-US Stocks	96.55	93.77
Bonds	0.00	0.78
Cash	2.13	0.31
Other	0.19	1.53
Total	100.00	100.00

Sec	ctor Weighting as of 06-	30-2024												
		Fund	Bmark	Cat	Fund	•	Bench	mark	Categ	jory Ave	erage		_	
<b>Դ</b>	Cyclical	40.54	40.76	38.60										
A.	Basic Materials	7.36	7.04	6.48										
<b>A</b>	Consumer Cyclical	10.26	10.49	10.85										
ê	Financial Services	19.84	21.39	19.73										
<b>fi</b>	Real Estate	3.08	1.84	1.54										
W#	Sensitive	38.59	39.56	39.44									<b>=</b> [	
	Communication Services	4.12	5.72	4.86		[]								
ð	Energy	5.36	5.69	5.01		<b>=</b> ()								
¢	Industrials	17.31	13.53	16.71			- :							
	Technology	11.80	14.62	12.86					į					
<b>→</b>	Defensive	20.86	19.67	21.96										
	Consumer Defensive	7.03	7.12	8.04										
٠	Healthcare	11.05	9.68	11.59										
•	Utilities	2.78	2.87	2.33										
					0%	5	10	15	20	25	30	35	40	

## World Regions % Equity 06-30-2024



Greater Asia	Fund % 35.77	Cat % 34.66	
Japan	21.43	19.06	
Australasia	6.89	4.65	
Asia-4 Tigers	7.26	6.40	
Asia-ex 4 Tigers	0.19	4.55	
Not Classified	0.00	0.00	

Americas	Fund % 10.36	Cat % 8.64	Greater Europe	Fund % 53.86	Cat % 56.68	Market Maturity	Fund %
North America	10.34	7.55	United Kingdom	12.13	13.73	Developed Markets	99.37
Central/Latin	0.02	1.09	W euro-ex UK	40.77	42.09	Emerging Markets	0.63
			Emrgng Europe	0.40	0.10	Not Available	0.00
			Africa	0.56	0.76		

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.91	1.91	44.77	Healthcare
⊕ ASML Holding NV	1.75	3.66	35.90	Technology
⊕ Slcmt1142	1.46	5.12	_	-
Samsung Electronics Co Ltd	1.22	6.34	_	Technology
○ Nestle SA	1.17	7.50	-	Consumer Defensive
⊕ Toyota Motor Corp	1.06	8.56	28.85	Consumer Cyclical
⊕ AstraZeneca PLC	1.02	9.58	21.15	Healthcare
Shell PLC	1.00	10.58	12.54	Energy
⊕ SAP SE	0.96	11.54	35.88	Technology
○ Novartis AG Registered Shares	0.95	12.49	17.52	Healthcare

## Total Holdings 3989

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

## Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category** Diversified Emerging Mkts

Morningstar Index MSCI EM NR USD

## Portfolio Manager(s)

Michael Perre since 08-2008 Jeffrey Miller since 02-2016

## **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 15.85 years.

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

Net Expense: The fund's expense ratio of 0.14 is 87.5% lower than the Diversified Emerging Mkts category average.

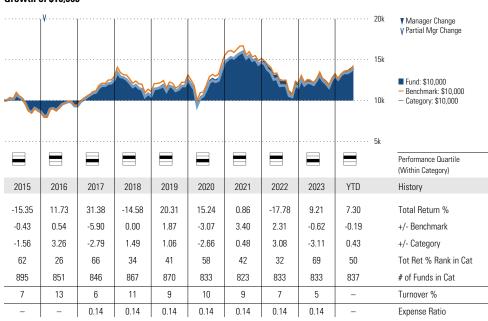
## **Morningstar Investment Management LLC Analysis**

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	2	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## **Trailing Performance**

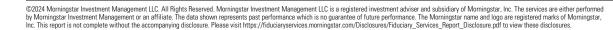


### **Net Expense** 3.31 Fund Investment Category Median Peer Group Median 2.57 2.21 Quartile Rank 1.84 1.47 1.10 0.74 0.37 U UU Fund vs Fund vs Peer Group Category 27 Percentile

	27/841	34/128	Rank			
Peer group is a subset of the category and includes funds with the						
same management style (active vs. passive) and similar share class						
characte	rictice					

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.83	_	-0.48
Beta	0.91	_	0.94
R-Squared	97.30	_	87.49
Standard Deviation	16.42	17.80	17.99
Sharpe Ratio	-0.36	-0.40	-0.40
Tracking Error	3.14	_	6.25
Information Ratio	0.43	_	-0.06
Up Capture Ratio	94.01	_	94.57
Down Capture Ratio	90.17	_	96.94

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.23	14.98	14.90
Price/Book Ratio	1.80	1.74	1.90
Geom Avg Mkt Cap \$B	26.28	45.58	50.03
ROE	16.70	16.00	17.80



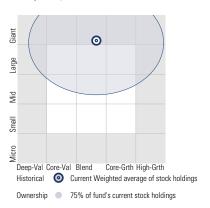


## Vanguard Emerging Mkts Stock Idx Adm VEMAX

## Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

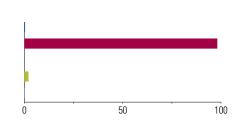
Equity

19	30	29	Large
6	7	5	Mid
1	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

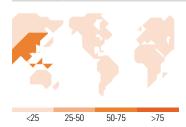


Asset Allocation as of 06-30-2024

Total	100.00	100.00
Other	0.02	0.07
Cash	1.88	1.63
Bonds	0.00	0.00
Non-US Stocks	97.96	95.62
US Stocks	0.14	2.68
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	•	Benc	hmark	[] Ca	itegory	Avera	ge	
⊌ Cyclical	43.61	42.04	41.70			÷	÷					
Basic Materials	7.83	7.07	5.84									
Consumer Cyclical	12.04	11.71	12.84									
Financial Services	21.20	21.83	21.39									
Real Estate	2.54	1.43	1.63									
✓ Sensitive	43.42	46.70	46.30			_						
Communication Services	8.70	9.35	8.38			)						
Energy	5.75	5.35	5.12		0							
Industrials	8.56	6.76	7.13									
Technology	20.41	25.24	25.67						0			
→ Defensive	12.97	11.25	11.99									
Consumer Defensive	5.33	4.99	6.38		<u> </u>							
Healthcare	3.97	3.38	3.67									
Utilities	3.67	2.88	1.94									

## World Regions % Equity 06-30-2024



Greater Asia	Fund % 78.76	Cat % 75.02	
Japan	0.00	0.08	
Australasia	0.00	0.02	
Asia-4 Tigers	21.88	29.91	
Asia-ex 4 Tigers	56.88	45.01	
Not Classified	0.00	0.00	

Americas	Fund % 8.08	Cat % 14.06	Greater Europe	Fund % 13.16	Cat % 10.90	Market Maturity	Fund %
North America	0.14	2.20	United Kingdom	0.00	0.57	Developed Markets	25.85
Central/Latin	7.94	11.86	W euro-ex UK	0.69	1.89	Emerging Markets	74.15
			Emrgng Europe	1.87	2.16	Not Available	0.00
			Africa	10.60	6.28		

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	8.59	8.59	_	Technology
⊕ Tencent Holdings Ltd	3.60	12.19	27.21	Communication Svc
	1.85	14.04	-0.48	Consumer Cyclical
⊕ Reliance Industries Ltd	1.50	15.54	_	Energy
	1.37	16.91	_	Financial Services
	1.21	18.12	_	_
⊕ PDD Holdings Inc ADR	1.13	19.26	-9.13	Consumer Cyclical
⊖ Hon Hai Precision Industry Co Ltd	0.95	20.21	_	Technology
→ Meituan Class B	0.92	21.12	41.00	Consumer Cyclical
	0.83	21.96	_	Financial Services

## Total Holdings 4860

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard High-Yield Corporate Adm VWEAX

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

## Portfolio Manager(s)

Elizabeth Shortsleeve since 08-2022 Michael Chang since 08-2022

## **Quantitative Screens**

Performance: The fund has finished in the High Yield Bond 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 Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.12 is 86.52% lower than the High Yield Bond category average.

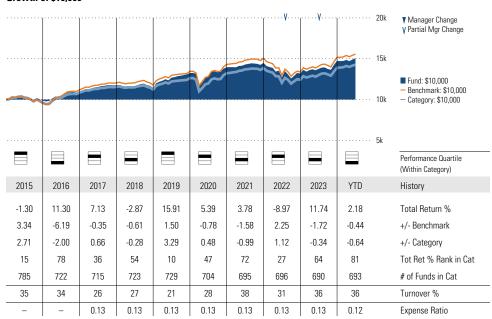
## **Morningstar Investment Management LLC Analysis**

We placed this fund on watch after the departure of longtime manager Michael Hong. We will keep the fund on watch while assessing its performance under the current team.

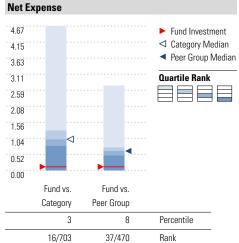
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.16	_	0.06
Beta	0.97	_	0.89
R-Squared	98.15	-	94.37
Standard Deviation	8.31	8.48	7.77
Sharpe Ratio	-0.16	-0.17	-0.19
Tracking Error	1.16	-	1.89
Information Ratio	0.11	_	-0.24
Up Capture Ratio	97.76	-	89.25
Down Capture Ratio	96.22	-	88.66

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.27	_	3.04
Avg Eff Maturity	4.20	_	4.72



Duration

AAA

AA

A BBB

BB

В

Below B

Not Rated

## On Watch

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

## Vanguard High-Yield Corporate Adm VWEAX

### Morningstar Category High Yield Bond

Asset Class

US Stocks

Bonds

Cash

Other

Total

Non-US Stocks

## Morningstar Index ICE BofA US High Yield TR USD

Net %

0.00

0.00

95.91

4.09

0.00

100.00

Cat%

0.75

0.05

92.91

4.81

1.49

100.00



**Credit Rating Breakdown** 

Fund

5.56

1.85 0.07

4.99

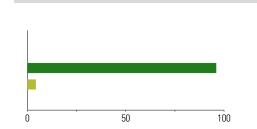
47.84

35.28

4.54

-0.14

Bmark



Asset Allocation as of 06-30-2024

	Sector V
Cat 1.63 1.36 0.30	Governmen Treasury Inflation — Agency/Qu
4.52 34.87 36.00 19.18 2.15	Corporate I Bank Loan Convertible Preferred
	Agency ME Agency ME Agency ME

Sector Weighting as of 06-30	0-2024				
	Fund	Bmark	Cat	Fund • Benchmark   Category Average	
Government	5.52	-	2.18		
Treasury	5.52	_	0.93		
Inflation – Protected	0.00	_	0.00		
Agency/Quasi Agency	0.00	_	0.00		
Other Government Related	0.00	_	1.25		
Corporate	90.84	-	90.04		0
Corporate Bond	87.85	_	87.21		
Bank Loan	2.99	_	1.98		
Convertible	0.00	_	0.46		
Preferred	0.00	_	0.39		
Securitized	0.07	-	1.22		
Agency MBS Pass-Through	0.00	_	0.04		
Agency MBS ARM	0.00	_	0.00		
Agency MBS CMO	0.00	_	0.03		
Non-Agency Residential MBS	0.00	_	0.04		
Commercial MBS	0.00	_	0.14		
Asset-Backed	0.07	_	0.97		
Covered Bond	0.00	_	0.00		
Municipal	0.00	-	0.04		
Cash & Equivalents	3.57	-	5.57		
Other	0.00	_	0.96	0	

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊝ Imola Merger Corp.	_	0.83	0.83	_
→ United States Treasury Notes	_	0.68	1.51	_
⊕ United States Treasury Bills	_	0.66	2.17	_
United States Treasury Notes	_	0.65	2.83	-
Herc Holdings Inc	-	0.62	3.44	_
United States Treasury Notes	_	0.62	4.06	_
⊕ Mktliq 12/31/2049	_	0.61	4.67	_
SS&C Technologies, Inc.	_	0.58	5.25	-
⊕ EMRLD Borrower LP / Emerald Co-Issuer Inc.	_	0.55	5.80	-
Aercap Global Aviation Trust	_	0.53	6.33	_

⊕ Increase ⊖ Decrease 🛠 New to Portfolio



## Vanguard Inflation-Protected Secs Adm VAIPX

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

## Portfolio Manager(s)

John Madziyire since 11-2021

### **Quantitative Screens**

Q Performance: The fund has finished in the Inflation Protected Bond 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 Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 85.51% lower than the Inflation-Protected Bond category average.

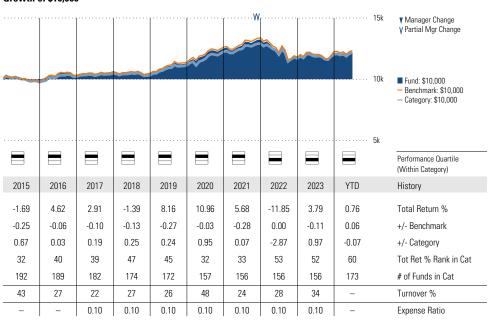
## **Morningstar Investment Management LLC Analysis**

This fund fails the manager tenure screen; however, the current manager has earned results consistent with those of his predecessor.

### **ESG Metrics**

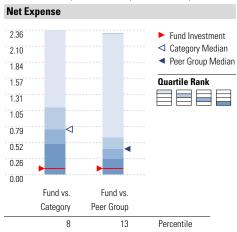
Metric	Rating	Updated
Sustainability Rating	3	05-31-2024

## Growth of \$10,000



## **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.

18/146

Rank

3-Tear hisk wieures			
	Fund	Bmark	Cat
Alpha	-0.10	_	-0.35
Beta	0.99	_	0.99
R-Squared	99.73	_	95.77
Standard Deviation	7.14	7.21	7.77
Sharpe Ratio	-0.64	-0.62	-0.65
Tracking Error	0.38	_	1.76
Information Ratio	-0.22	_	-0.55
Up Capture Ratio	98.63	_	96.99
Down Capture Ratio	99.63	_	101.24

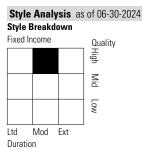
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.72	4.52	6.02
Avg Eff Maturity	7.20	_	7.05

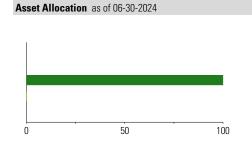


14/172

# Vanguard Inflation-Protected Secs Adm VAIPX

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





Asset Class	Net %	Cat%
US Stocks	0.00	0.14
Non-US Stocks	0.00	0.00
Bonds	99.92	90.94
Cash	0.08	7.86
Other	0.00	1.06
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.87	0.00	25.98
AA	0.00	99.60	70.29
A	0.00	0.00	0.61
BBB	0.00	0.00	0.79
BB	0.00	0.00	0.09
В	0.00	0.00	0.01
Below B	0.00	0.00	0.09
Not Rated	0.13	0.40	2.14

Sector Weighting as of 06-3	30-2024						
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average	
Government	99.92	_	85.55				
Treasury	0.00	_	0.38				
Inflation - Protected	99.92	_	78.67				
Agency/Quasi Agency	0.00	_	0.10				
Other Government Related	0.00	_	6.40				
Corporate	0.00	_	1.07	[]			
Corporate Bond	0.00	_	1.06	0			
Bank Loan	0.00	-	0.00				
Convertible	0.00	_	0.00	0			
Preferred	0.00	_	0.01	Ó			
Securitized	0.00	-	4.96	10			
Agency MBS Pass-Through	0.00	_	2.59	10			
Agency MBS ARM	0.00	-	0.00				
Agency MBS CMO	0.00	_	0.27				
Non-Agency Residential MBS	0.00	_	0.16				
Commercial MBS	0.00	_	0.12				
Asset-Backed	0.00	_	1.78	[]			
Covered Bond	0.00	_	0.04	0			
Municipal	0.00	_	0.00	0			
Cash & Equivalents	0.08	-	8.27				
Other	0.00	_	0.15	0 : :			

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	_	4.13	4.13	_
⊕ United States Treasury Notes	_	3.77	7.89	_
① United States Treasury Notes	_	3.70	11.59	_
⊖ United States Treasury Notes	_	3.56	15.15	_
⇒ United States Treasury Notes	-	3.55	18.70	_
⊖ United States Treasury Notes	_	3.52	22.22	_
⊕ United States Treasury Notes	_	3.37	25.59	_
United States Treasury Notes	_	3.30	28.89	_
⊖ United States Treasury Notes	_	3.27	32.16	_
⊕ United States Treasury Notes	_	3.25	35.41	_

Total Holdings 50

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard International Growth Adm VWILX

Growth of \$10,000

375

29

387

15

0.32

398

16

0.32

386

29

**Morningstar Category** Foreign Large Growth Morningstar Index MSCI EAFE NR USD

## Portfolio Manager(s)

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

## **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.52 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	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022

### ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 10k Performance Quartile (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History -0.54 1.84 43.16 -12.58 31.48 59.74 -0.74 -30.79 14.81 7.77 Total Return % 0.84 9.47 51.92 0.27 18.13 1.21 -12.00 -16.34 -3.43 2.43 +/- Benchmark 3.98 -1.49 12.29 1.50 3.65 34.26 -8.43 -5.50 -1.37 1.39 +/- Category 67 12 6 31 22 4 89 82 69 34 Tot Ret % Rank in Cat

446

25

0.32

443

15

0.34

426

14

0.31

431

# of Funds in Cat

Turnover %

Expense Ratio

406

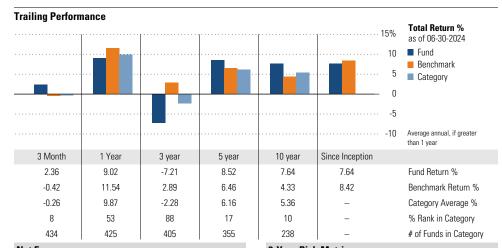
13

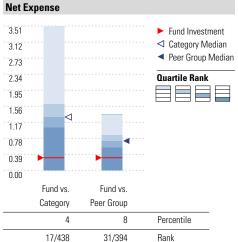
0.32

427

20

0.33

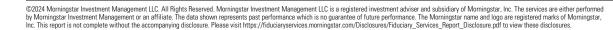




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-10.15	_	-5.34
Beta	1.23	_	1.11
R-Squared	82.19	_	87.65
Standard Deviation	23.03	16.94	20.16
Sharpe Ratio	-0.36	0.05	-0.19
Tracking Error	10.49	_	7.45
Information Ratio	-0.96	_	-0.71
Up Capture Ratio	95.75	_	98.34
Down Capture Ratio	139.77	_	121.76

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.18	16.00	22.62
Price/Book Ratio	3.73	1.83	3.54
Geom Avg Mkt Cap \$B	67.06	55.30	73.85
ROE	20.84	18.42	23.42





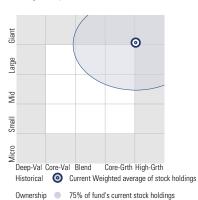
# Vanguard International Growth Adm VWILX

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

**Morningstar Index** MSCI EAFE NR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

Equity

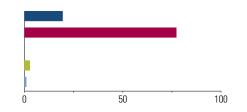
8	13	54	Large
2	5	16	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	19.33	8.29
Non-US Stocks	77.19	89.24
Bonds	0.00	0.08
Cash	2.66	1.85
Other	0.82	0.54
Total	100.00	100.00

Sec	ctor Weighting as of 06-	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark [ Category Average
Դ	Cyclical	29.11	38.97	32.75	
A	Basic Materials	0.57	6.63	6.44	
A	Consumer Cyclical	19.91	10.57	12.26	
<b>P</b>	Financial Services	8.63	19.59	13.59	
命	Real Estate	0.00	2.18	0.46	
W	Sensitive	51.31	35.95	46.85	
	Communication Services	7.79	4.57	3.83	
•	Energy	1.77	4.26	2.94	
Ф	Industrials	14.01	16.70	19.25	
	Technology	27.74	10.42	20.83	, , , , , , , , , , , , , , , , , , ,
<b>→</b>	Defensive	19.57	25.09	20.40	
Ħ	Consumer Defensive	4.17	8.48	6.44	
٠	Healthcare	14.82	13.69	13.42	
•	Utilities	0.58	2.92	0.54	
					0% 5 10 15 20 25 30 35 40 45 50 55

## World Regions % Equity 06-30-2024



	Fund %	Cat %
Greater Asia	24.86	26.50
Japan	6.55	13.02
Australasia	1.27	1.56
Asia-4 Tigers	7.56	5.82
Asia-ex 4 Tigers	9.48	6.10
Not Classified	0.00	0.00

Americas	Fund % 27.53	Cat % 16.35	Greater Europe	Fund % 47.60	Cat % 57.15	Market Maturity	Fund %
North America	20.81	13.74	United Kingdom	7.19	11.91	Developed Markets	83.80
Central/Latin	6.72	2.61	W euro-ex UK	40.02	44.73	Emerging Markets	16.20
			Emrgng Europe	0.00	0.03	Not Available	0.00
			Africa	0.39	0.48		

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.92	4.92	_	Technology
	4.46	9.38	_	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd	4.31	13.69	_	Technology
Adyen NV	3.85	17.55	-	Technology
	3.81	21.36	-	Communication Svc
NVIDIA Corp	3.26	24.62	_	Technology
⊖ Ferrari NV	2.33	26.94	-	Consumer Cyclical
⊕ Tencent Holdings Ltd	2.31	29.25	-	Communication Svc
Atlas Copco AB Class A	2.29	31.54	-	Industrials
	2.18	33.72	-	Healthcare

## **Total Holdings** 168

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

## Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

## Portfolio Manager(s)

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

### **Quantitative Screens**

- Q Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.1 years.
- $\times$  *Style:* The fund has landed in its primary style box Large Value 9.09 % 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.

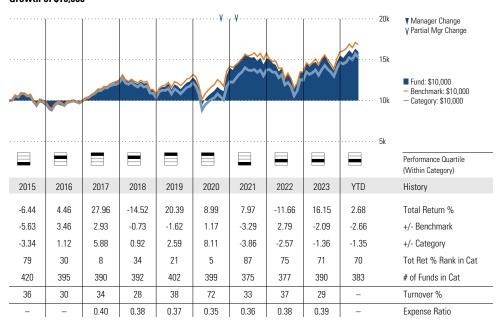
## **Morningstar Investment Management LLC Analysis**

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.

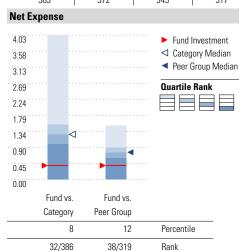
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.56	_	1.13
Beta	0.97	_	0.95
R-Squared	91.22	_	87.73
Standard Deviation	17.24	16.94	17.27
Sharpe Ratio	-0.05	0.05	0.11
Tracking Error	5.13	_	6.16
Information Ratio	-0.34	_	0.16
Up Capture Ratio	90.19	_	94.67
Down Capture Ratio	96.80	_	90.40

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.83	16.00	12.06
Price/Book Ratio	1.75	1.83	1.28
Geom Avg Mkt Cap \$B	34.66	55.30	38.71
ROE	16.74	18.42	13.91

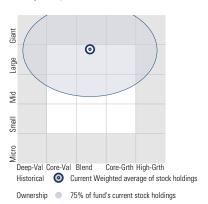


## Vanguard International Value Inv VTRIX

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

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

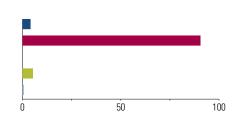
Equity

24	24	29	Large
4	13	4	Mid
1	2	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2024

Total	100.00	100.00
Other	0.44	0.21
Cash	5.16	1.68
Bonds	0.00	0.13
Non-US Stocks	90.44	95.37
US Stocks	3.97	2.61
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Bench	nmark	Cateo	jory Ave	erage		_	
Ն	Cyclical	44.19	38.97	42.96										
A.	Basic Materials	10.19	6.63	8.25										
<b>-</b>	Consumer Cyclical	15.44	10.57	10.29										
ê	Financial Services	17.83	19.59	23.29					• 1					
ŧ	Real Estate	0.73	2.18	1.13	■[]									
M	Sensitive	40.34	35.95	36.19										
	Communication Services	4.26	4.57	5.00										
8	Energy	4.62	4.26	8.54										
¢	Industrials	20.19	16.70	15.08										
	Technology	11.27	10.42	7.57						Ė				
<b>→</b>	Defensive	15.47	25.09	20.84						:				
	Consumer Defensive	5.68	8.48	8.07										
٠	Healthcare	8.74	13.69	9.18			<b>—</b> [	*						
•	Utilities	1.05	2.92	3.59										
					0%	5	10	15	20	25	30	35	40	45

## World Regions % Equity 06-30-2024



	Fund %	Cat %
Greater Asia	36.65	29.51
Japan	12.38	16.78
Australasia	1.02	3.09
Asia-4 Tigers	10.66	6.91
Asia-ex 4 Tigers	12.59	2.73
Not Classified	0.00	0.00

Americas	Fund % 12.10	Cat % 8.17	Greater Europe	Fund % 51.25	Cat % 62.29	Market Maturity	Fund %
North America	6.95	7.19	United Kingdom	16.09	18.50	Developed Markets	81.96
Central/Latin	5.15	0.98	W euro-ex UK Emrgng Europe	34.86 0.00	43.00 0.16	Emerging Markets Not Available	18.04 0.00
			Africa	0.30	0.63		

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	3.85	3.85	_	_
Taiwan Semiconductor Manufacturing Co Ltd	1.98	5.82	_	Technology
	1.83	7.66	_	Industrials
⊕ Tencent Holdings Ltd	1.77	9.43	_	Communication Svc
	1.45	10.88	_	Industrials
⊕ Roche Holding AG	1.32	12.20	_	Healthcare
	1.32	13.51	-	Consumer Cyclical
⊕ BP PLC	1.25	14.77	_	Energy
→ RELX PLC	1.13	15.90	_	Industrials
SAP SE	1.08	16.98	-	Technology

## Total Holdings 262

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



## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative Morningstar Index

Morningstar US Mod Con Tgt Alloc NR

### Allocation

## 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.
- Net Expense: The fund's expense ratio of 0.12 is 86.96% lower than the Moderately Conservative Allocation category average.

## **Morningstar Investment Management LLC Analysis**

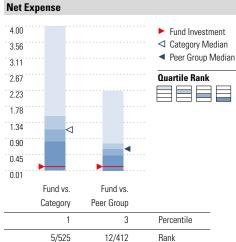
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	05-31-2024		
ESG Commitment	1-Low	07-19-2023		

### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 15k ■ Fund: \$10,000 Benchmark: \$10,000 Category: \$10,000 Performance Quartile (Within Category) 2017 2015 2016 2018 2019 2020 2021 2022 2023 YTD History -0.17 5.96 10.92 -2.95 15.68 11.51 6.05 -14.99 12.48 3.63 Total Return % -0.62 0.19 0.41 -0.54 -0.21 0.00 -1.14 -0.93 -0.56 -1.03 +/- Benchmark 2.15 -0.66 1.06 2.09 0.87 2.65 -2.19 -1.68 2.05 -0.42 +/- Category 54 36 27 Tot Ret % Rank in Cat 12 30 14 85 78 11 55 562 534 515 529 514 481 487 487 484 524 # of Funds in Cat 16 9 6 11 9 23 5 21 4 Turnover % Expense Ratio

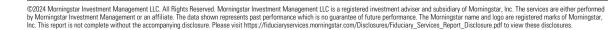




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

	Fund	Bmark	Cat
Alpha	-1.15	_	-0.69
Beta	1.03	_	0.96
R-Squared	99.44	_	94.22
Standard Deviation	10.30	10.02	9.97
Sharpe Ratio	-0.25	-0.14	-0.23
Tracking Error	0.81	_	2.39
Information Ratio	-1.40	_	-0.50
Up Capture Ratio	98.30	_	95.25
Down Capture Ratio	106.35	-	100.38

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	19.96	21.82	21.89				
Price/Book Ratio	2.57	3.04	3.11				
Avg Eff Duration	6.44	_	4.84				





## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative **Morningstar Index** 

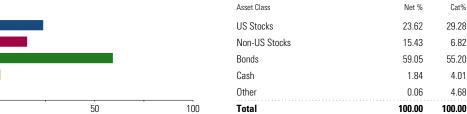
Morningstar US Mod Con Tgt Alloc NR

## Style Analysis as of 06-30-2024

Morningstar Style Box™

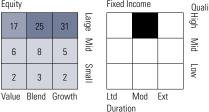


Asset Allocation as of 06-30-2024



Allocation

## Style Breakdown



Fixed In	come		Quality
			High
			Mid
			Low
Ltd Duratio		Ext	

,							
Equity				Fixed	Income		Qı
17	25	31	Large				G High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	

Sec	ctor Weighting as of 06-	30-2024											
		Fund	Bmark	Cat	Fund	▼ Bend	hmark	Cat	egory	Average	9		
<sub>Մ</sub>	Cyclical	33.47	31.25	31.95									
i.	Basic Materials	4.44	3.70	3.31		_							
•	Consumer Cyclical	10.47	10.48	9.07									
9	Financial Services	15.74	14.46	14.07									
à	Real Estate	2.82	2.61	5.50									
NI	Sensitive	46.90	49.13	46.04									
	Communication Services	7.24	7.72	6.79		<b>(</b> )							
)	Energy	4.62	4.27	5.45		] [							
ž	Industrials	11.68	10.66	10.75									
1	Technology	23.36	26.48	23.05					. '				
+	Defensive	19.62	19.62	22.01		_		<b>=</b> [					
Ţ	Consumer Defensive	6.11	5.96	6.40									
ı	Healthcare	10.81	11.18	12.16									
?	Utilities	2.70	2.48	3.45									
					0% 5	10	15	20	25	30	35	40	45

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

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II ldx Inv	_	41.79	41.79	_	_
○ Vanguard Total Stock Mkt Idx Inv	_	23.70	65.48	_	_
① Vanguard Total Intl Bd II ldx Investor	_	17.90	83.38	_	_
Vanguard Total Intl Stock Index Inv	_	15.80	99.18	_	_
⊕ Mktliq 12/31/2049	-	0.81	99.99	_	_
① Us Dollar	-	0.01	100.00	_	-

## Total Holdings 6

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Moderately Aggressive Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR LISD

#### 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**

❷ 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.

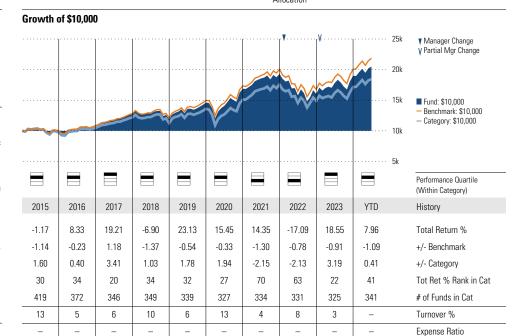
Net Expense: The fund's expense ratio of 0.14 is
 85.57% lower than the Moderately Aggressive Allocation category average.

#### **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	05-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022





Net Expe	ense		
5.91			► Fund Investment
5.25			Category Median
4.60			<ul> <li>Peer Group Median</li> </ul>
3.94			Quartile Rank
3.28			
2.63			
1.97			
1.31	□ □ □ □ □		
0.66		•••••	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	1	4	Percentile
	4/350	12/303	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	Bmark	Cat
Alpha	-1.37	-	-1.33
Beta	1.03	-	0.98
R-Squared	99.33	-	94.68
Standard Deviation	14.69	14.28	14.48
Sharpe Ratio	0.07	0.16	0.05
Tracking Error	1.26	_	3.00
Information Ratio	-1.06	-	-0.70
Up Capture Ratio	99.07	_	95.96
Down Capture Ratio	105.60	_	102.71

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.03	22.00	21.66
Price/Book Ratio	2.58	3.09	3.09
Avg Eff Duration	6.44	-	5.14
3			





# Vanguard LifeStrategy Growth Inv VASGX

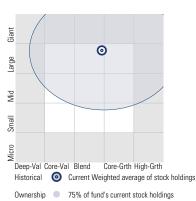
Morningstar Category Moderately Aggressive **Morningstar Index** 

Allocation

Morningstar US Mod Agg Tgt Alloc NR

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



Large

Mid

Fixed Income

Mod

Quality

High

Mid

Low

#### Style Breakdown

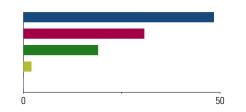
Equity 17 31 5 6 8



Value

Blend Growth Ltd Duration Weight % >50 25-50 10-25 0-10

#### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	5.32
Cash	1.96	2.67
Bonds	18.92	14.71
Non-US Stocks	30.67	18.05
US Stocks	48.39	59.24
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Bend	hmark	: [] Ca	ategory	Averag	ge		
U-	Cyclical	33.38	31.04	31.34										
â.	Basic Materials	4.40	3.62	3.84		Ó								
<b>A</b>	Consumer Cyclical	10.47	10.49	9.95										
<b>,</b>	Financial Services	15.68	14.33	14.36										
æ	Real Estate	2.83	2.60	3.19		0								_
W	Sensitive	46.98	49.41	47.91										[
	Communication Services	7.26	7.81	7.31			]							
ð	Energy	4.60	4.23	4.90										
¢	Industrials	11.64	10.52	12.03										
	Technology	23.48	26.85	23.67						<b>=</b> ]				
<b>→</b>	Defensive	19.65	19.55	20.76					<b>=</b> [					
=	Consumer Defensive	6.11	5.92	6.02										
٠	Healthcare	10.84	11.17	12.19										
•	Utilities	2.70	2.46	2.55										

#### Top 6 Holdings as of 06-30-2024 Name Maturity Date % Net Asset Cumulative % YTD Return % Morningstar Sector Vanguard Total Stock Mkt Idx Inv 48.56 48.56 ① Vanguard Total Intl Stock Index Inv 31.41 79.96 Vanguard Total Bond Market II ldx Inv 13.31 93.27 ① Vanguard Total Intl Bd II ldx Investor 5.81 99.08 ⊕ Mktliq 12/31/2049 0.91 99.99 0.01 Us Dollar 100.00

#### Total Holdings 6



## Vanguard LifeStrategy Income Inv VASIX

## Morningstar Category Conservative Allocation

#### Morningstar Index

Morningstar US Con Tgt Alloc NR USD

#### 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 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.
- Net Expense: The fund's expense ratio of 0.11 is 88.89% lower than the Conservative Allocation category average.

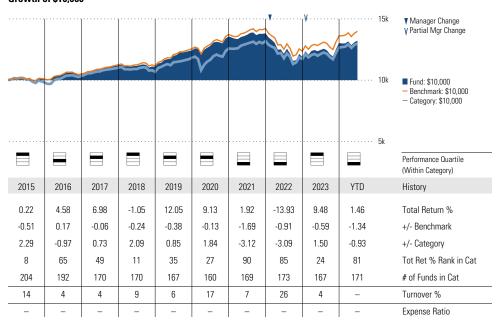
#### **Morningstar Investment Management LLC Analysis**

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.

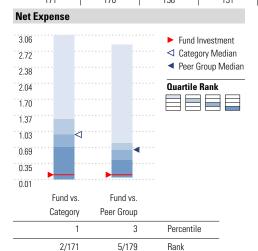
#### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	4	05-31-2024		
ESG Commitment	1-Low	07-19-2023		

#### Growth of \$10,000







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

3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	-1.24	-	-0.43
Beta	1.02	-	0.96
R-Squared	99.06	-	93.65
Standard Deviation	8.34	8.17	8.15
Sharpe Ratio	-0.52	-0.37	-0.44
Tracking Error	0.82	-	2.19
Information Ratio	-1.52	-	-0.33
Up Capture Ratio	93.85	-	95.81
Down Capture Ratio	104.86	-	99.84

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	19.89	22.07	22.47					
Price/Book Ratio	2.55	3.11	3.25					
Avg Eff Duration	6.45	_	4.99					



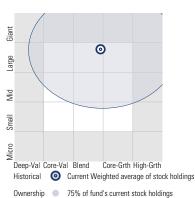
# Vanguard LifeStrategy Income Inv VASIX

#### **Morningstar Category Morningstar Index** Conservative Allocation

Morningstar US Con Tgt Alloc NR USD

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Asset Class Net % Cat% US Stocks 11.50 15.02 Non-US Stocks 7.73 3.61 Bonds 78.91 67.54 Cash 1.79 9.27 Other 0.07 4.56 50 100 Total 100.00 100.00

#### Style Breakdown

Equity				Fixed I	ncome		Quality
17	25	31	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Durati	Mod on	Ext	_



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

Sec	ctor Weighting as of 06-3	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<sub>Մ</sub>	Cyclical	33.55	30.99	31.10	
A	Basic Materials	4.48	3.61	3.27	
<b>A</b>	Consumer Cyclical	10.47	10.48	9.55	
<del>,</del>	Financial Services	15.79	14.30	14.02	
<b>fi</b>	Real Estate	2.81	2.60	4.26	
W	Sensitive	46.79	49.39	47.40	
d	Communication Services	7.19	7.79	7.36	
•	Energy	4.64	4.23	4.53	
Ф	Industrials	11.72	10.52	10.58	
	Technology	23.24	26.85	24.93	
<b>→</b>	Defensive	19.65	19.62	21.49	
Ħ	Consumer Defensive	6.15	5.94	6.98	
+	Healthcare	10.79	11.22	11.78	
•	Utilities	2.71	2.46	2.73	
					0% 5 10 15 20 25 30 35 40 45 5

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	55.78	55.78	_	_
○ Vanguard Total Intl Bd II Idx Investor	_	23.97	79.75	_	-
○ Vanguard Total Stock Mkt Idx Inv	_	11.53	91.28	-	-
<ul> <li>Vanguard Total Intl Stock Index Inv</li> </ul>	_	7.93	99.21	-	-
① Mktliq 12/31/2049	-	0.79	100.00	-	-
<ul><li>⊖ Us Dollar</li></ul>	-	0.00	100.00	_	_

Asset Allocation as of 06-30-2024

#### Total Holdings 6



# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Morningstar Category

Moderate Allocation

Morningstar Index Morningstar US Mod Tgt Alloc NR USD

#### 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.

Net Expense: The fund's expense ratio of 0.13 is 87.13% lower than the Moderate Allocation category average.

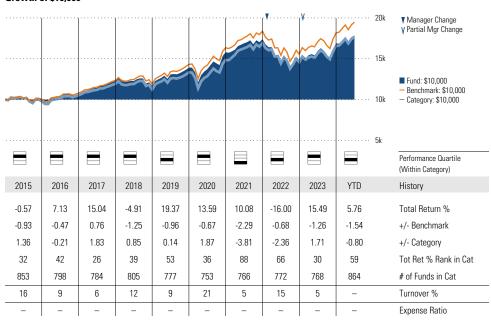
#### **Morningstar Investment Management LLC Analysis**

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.

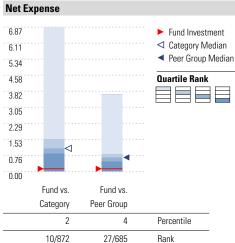
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000







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

3-Year KISK Wellics			
	Fund	Bmark	Cat
Alpha	-1.63	_	-0.68
Beta	1.00	_	0.98
R-Squared	98.96	_	94.43
Standard Deviation	12.46	12.35	12.42
Sharpe Ratio	-0.06	0.07	0.00
Tracking Error	1.27	-	2.75
Information Ratio	-1.31	-	-0.40
Up Capture Ratio	95.11	-	96.78
Down Capture Ratio	103.98	-	100.94

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	20.00	22.77	22.57						
Price/Book Ratio	2.58	3.31	3.44						
Avg Eff Duration	6.45	-	4.92						





# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Asset Allocation as of 06-30-2024

**Morningstar Category Morningstar Index** Moderate Allocation

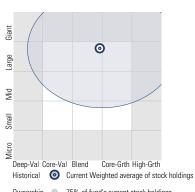
Asset Class

Morningstar US Mod Tgt Alloc NR USD

Net %

#### Style Analysis as of 06-30-2024

Morningstar Style Box™





# Ownership 75% of fund's current stock holdings

Total	100.00	100.00
Other	0.06	3.43
Cash	1.79	2.74
Bonds	39.05	34.83
Non-US Stocks	23.08	9.98
US Stocks	36.02	49.02

quity	3reakd	OVVII		Fixed	Income		Quality
17	25	31	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
alue	Blend	Growth		Ltd Durat	Mod	Ext	

		Fund	Bmark	Cat	Fund		▼ Be	nchm	ark [	Cate	jory A	verage	)		
ŀ	Cyclical	33.38	30.18	30.33											
	Basic Materials	4.41	3.30	3.46											
,	Consumer Cyclical	10.46	10.47	10.02											
ì	Financial Services	15.70	13.82	14.48											
ì	Real Estate	2.81	2.59	2.37											
7	Sensitive	46.96	50.25	48.09											
	Communication Services	7.26	8.04	7.86		_									
)	Energy	4.61	4.13	4.68											
ŀ	Industrials	11.65	10.11	10.83											
3	Technology	23.44	27.97	24.72						<b>I</b>	'				
+	Defensive	19.66	19.57	21.58											
Ę	Consumer Defensive	6.12	5.83	5.66											
ř	Healthcare	10.84	11.32	13.05	_		i '								
1	Utilities	2.70	2.42	2.87											

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	36.14	36.14	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	27.62	63.76	_	-
◆ Vanguard Total Intl Stock Index Inv	-	23.64	87.39	_	-
	-	11.85	99.25	_	-
⊕ Mktliq 12/31/2049	-	0.75	99.99	-	-
① Us Dollar	-	0.01	100.00	-	_

#### Total Holdings 6



## Vanguard Mid-Cap Growth Index Admiral VMGMX

## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

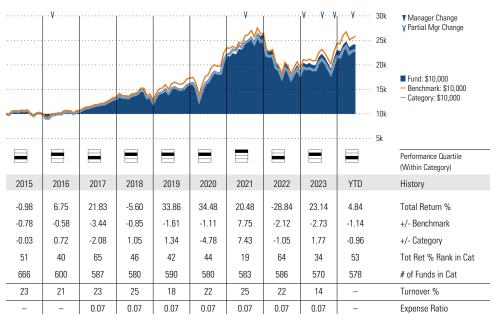
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000

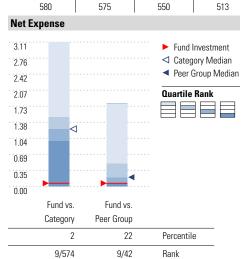


#### **Trailing Performance Total Return %** as of 06-30-2024 Fund Benchmark Category 5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -2.53 12.33 -0.299.72 9.91 12.20 -3.21 15.05 -0.08 9.93 10.51 10.95 Benchmark Return % -3 41 -2 38 12 49 8 61 9 42 Category Average %

41

410

31



44

36

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	-0.16	_	-2.52
Beta	1.00	_	0.98
R-Squared	98.36	_	91.20
Standard Deviation	21.70	21.48	22.19
Sharpe Ratio	-0.06	-0.06	-0.16
Tracking Error	2.78	_	6.50
Information Ratio	-0.08	_	-0.50
Up Capture Ratio	103.09	_	94.32
Down Capture Ratio	103.62	-	103.65

% Rank in Category

# of Funds in Category

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	29.56	27.51	31.23
Price/Book Ratio	5.23	7.92	5.07
Geom Avg Mkt Cap \$B	34.39	25.87	21.09
ROE	22.24	29.07	20.49



28

# Vanguard Mid-Cap Growth Index Admiral VMGMX

# Morningstar Category Mid-Cap Growth

#### Morningstar Index

#### Russell Mid Cap Growth TR USD

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Style Breakdown

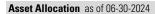
Equity

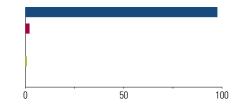
1	0	15	Large		
5	34	4 45			
0	0	0	Small		

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.86
Cash	0.57	1.26
Bonds	0.00	0.05
Non-US Stocks	1.93	4.07
US Stocks	97.50	93.77
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	24.89	25.41	27.79	
A.	Basic Materials	2.24	0.83	2.22	
A	Consumer Cyclical	9.30	13.40	12.56	
<b>F</b>	Financial Services	6.72	9.50	10.50	<u> </u>
<b>fi</b>	Real Estate	6.63	1.68	2.51	
W	Sensitive	57.08	54.48	51.08	
	Communication Services	4.12	4.34	3.90	
•	Energy	5.31	4.03	2.99	
Ф	Industrials	19.61	18.43	18.24	
	Technology	28.04	27.68	25.95	
<b>→</b>	Defensive	18.03	20.12	21.14	
Ħ	Consumer Defensive	2.14	2.60	2.75	
٠	Healthcare	13.63	16.98	17.71	
•	Utilities	2.26	0.54	0.68	<u>i</u>
					0% 5 10 15 20 25 30 35 40 45 50 55 6

<b>Top 15 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	2.33	2.33	36.59	Technology
⊕ TransDigm Group Inc	1.96	4.29	26.30	Industrials
⊕ Motorola Solutions Inc	1.86	6.15	23.93	Technology
⊖ Constellation Energy Corp	1.82	7.97	71.94	Utilities
⊕ Welltower Inc	1.80	9.76	16.97	Real Estate
⊕ Cintas Corp	1.74	11.51	16.64	Industrials
→ Palantir Technologies Inc Ordinary Shares - Class A	1.48	12.98	47.52	Technology
→ Microchip Technology Inc	1.42	14.40	2.46	Technology
⊕ Apollo Global Management Inc Class A	1.36	15.76	27.66	Financial Services
⊕ Copart Inc	1.35	17.11	10.53	Industrials
⊕ Realty Income Corp	1.33	18.43	-5.77	Real Estate
Waste Connections Inc	1.30	19.74	17.86	Industrials
DexCom Inc     DexCom Inc	1.30	21.04	-8.63	Healthcare
⊕ The Trade Desk Inc Class A	1.25	22.29	35.73	Technology
⊕ Hess Corp	1.24	23.54	2.94	Energy

#### Total Holdings 154



## Vanguard Mid-Cap Value Index Admiral VMVAX

#### **Morningstar Category** Mid-Cap Value

Morningstar Index Russell Mid Cap Value TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

Net Expense: The fund's expense ratio of 0.07 is 92.63% lower than the Mid-Cap Value category average.

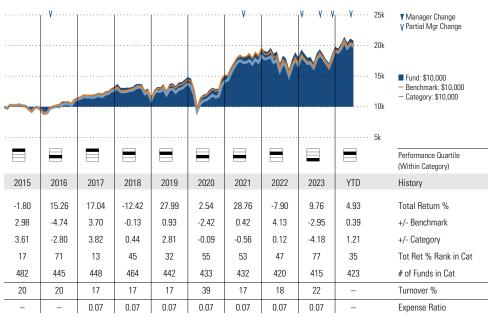
#### **Morningstar Investment Management LLC Analysis**

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, wellestablished process of running index funds at Vanguard means that such changes are not concerning

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



## **Trailing Performance**



#### **Net Expense** 3.14 Fund Investment Category Median 2.79 Peer Group Median 2.44 2.09 Quartile Rank 1.74 1.40 1.05 0.70 U UU Fund vs Fund vs Peer Group Category 3 Percentile

	10/430	2/41	Rank		
Peer group	is a subset of th	e category an	d includes fun	ds with the	
same management style (active vs. passive) and similar share class					
characteri	stics.				

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.08	_	1.43
Beta	0.94	_	0.94
R-Squared	98.63	_	94.50
Standard Deviation	18.56	19.56	18.98
Sharpe Ratio	0.15	0.11	0.17
Tracking Error	2.45	_	4.66
Information Ratio	0.40	_	0.29
Up Capture Ratio	96.55	_	95.14
Down Capture Ratio	92.87	_	90.33

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.81	18.30	15.59
Price/Book Ratio	2.23	2.22	1.87
Geom Avg Mkt Cap \$B	27.91	19.76	14.99
ROE	17.29	14.51	13.17



# Vanguard Mid-Cap Value Index Admiral VMVAX

# Morningstar Category Mid-Cap Value

#### Morningstar Index

#### Russell Mid Cap Value TR USD

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Style Breakdown

Equity

	1. /			
	0	1	1	Large
	41	52	5	Mid
	0	0	0	Small
١	Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 06-30-2024



		Fund	Bmark	Cat	Fund		Bench	mark	I Cotoc	gory Ave	rogo			
_					Full	1 ,	benci	IIIIark	[] Cate(	JULY AVE	rage			7
<b>Ն</b>	Cyclical	40.70	42.46	40.01										
A.	Basic Materials	7.98	5.71	5.56										
Ф	Consumer Cyclical	6.72	10.03	11.16			[							
<del>,</del>	Financial Services	17.68	16.41	17.65					0					
<b>fi</b>	Real Estate	8.32	10.31	5.64			• "							
₩.	Sensitive	31.81	40.61	36.44								- [	- [	
	Communication Services	2.40	3.14	2.80		]								
0	Energy	4.13	5.65	6.22					j					
Ф	Industrials	15.15	19.46	16.93					1					
	Technology	10.13	12.36	10.49				٠ .						
<b>-</b>	Defensive	27.49	16.93	23.55										
=	Consumer Defensive	7.52	3.29	6.86			ı							
٠	Healthcare	7.59	6.19	9.60		- 1	[							
•	Utilities	12.38	7.45	7.09			T .							
					0%	5	10	15	20	25	30	35	40	

100

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
. Comb	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	camalativo /s	115 11614111 70	Moningotal Cocto
	1.38	1.38	15.84	Financial Services
○ Carrier Global Corp Ordinary Shares	1.32	2.70	10.46	Industrials
PACCAR Inc      Output     Description     PACCAR Inc     PACCAR	1.31	4.01	6.00	Industrials
Digital Realty Trust Inc	1.20	5.21	14.79	Real Estate
Newmont Corp	1.18	6.38	2.37	Basic Materials
○ ONEOK Inc	1.16	7.54	18.95	Energy
→ PG&E Corp  Output  Descripation  Output  Descripation  Descripati	1.11	8.65	-3.05	Utilities
○ United Rentals Inc	1.05	9.70	13.35	Industrials
☐ L3Harris Technologies Inc	1.04	10.74	7.73	Industrials
Ameriprise Financial Inc	1.03	11.78	13.21	Financial Services
	1.03	12.80	15.37	Financial Services
⊕ Prudential Financial Inc	1.02	13.83	15.50	Financial Services
	1.02	14.85	26.65	Technology
□ D.R. Horton Inc	1.02	15.87	-6.88	Consumer Cyclical
	0.95	16.82	1.12	Industrials

Total Holdings 194



## Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 28.15 years.

Net Expense: The fund's expense ratio of 0.13 is 87.96% lower than the Real Estate category average.

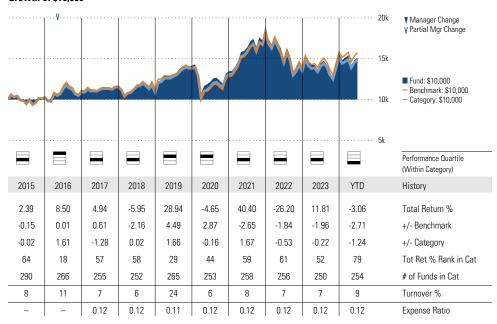
#### **Morningstar Investment Management LLC Analysis**

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

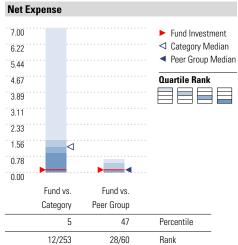
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -1.90 4.75 -2.55 2.96 5.30 8.77 Fund Return % 0.01 7.52 0.26 3.87 5.73 8.88 Benchmark Return % -2.18 5 40 5.06 -0.80 2 87 Category Average % 77 66 77 55 50 % Rank in Category 255 251 238 218 157 # of Funds in Category



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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-2.77	_	-2.12
Beta	1.02	_	0.97
R-Squared	98.73	_	94.73
Standard Deviation	21.93	21.28	21.19
Sharpe Ratio	-0.17	-0.04	-0.15
Tracking Error	2.52	_	4.07
Information Ratio	-1.12	_	-0.62
Up Capture Ratio	97.66	_	93.36
Down Capture Ratio	106.42	_	100.25

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.75	38.46	30.15
Price/Book Ratio	2.27	2.42	2.40
Geom Avg Mkt Cap \$B	23.18	9.35	33.93
ROE	14.09	9.56	17.74



# Vanguard Real Estate Index Admiral VGSLX

Asset Allocation as of 06-30-2024

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

S&P United States REIT TR USD

Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Style Breakdown

Equity

0	15	10	Large
11	40	4	Mid
6	15	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	•	Ве	nchm	ark	[] (	Cate	gory	Αv	erag	е		
٠	Cyclical	99.25	99.13	99.13													
à.	Basic Materials	0.00	0.00	0.34													
•	Consumer Cyclical	0.00	0.13	1.76													
	Financial Services	0.00	0.00	0.43													
à	Real Estate	99.25	99.00	96.60													
NF	Sensitive	0.75	0.87	0.73	0												
	Communication Services	0.72	0.00	0.21	į												
	Energy	0.00	0.00	0.07													
<b>}</b>	Industrials	0.03	0.87	0.21													
2	Technology	0.00	0.00	0.24	İ												
+	Defensive	0.00	0.00	0.16	İ												
7	Consumer Defensive	0.00	0.00	0.06													
	Healthcare	0.00	0.00	0.05	1												
1	Utilities	0.00	0.00	0.05	ĺ												

Top 15 Holdings as of 06-30-2024 Cumulative % YTD Return % Name % Net Asset Morningstar Sector Vanguard Real Estate II Index 13.43 13.43 Prologis Inc 6.74 20.17 -14.31 Real Estate American Tower Corp 5.89 26.06 -8.46 Real Estate Equinix Inc 4.53 30.59 -5.00 Real Estate Welltower Inc 34.35 16.97 Real Estate 3.76 ① Simon Property Group Inc 3.21 37.56 9.19 Real Estate Digital Realty Trust Inc 3.08 40.64 14.79 Real Estate ① Realty Income Corp 2.95 43.59 -5.77 Real Estate Public Storage 2.95 46.54 -3.72 Real Estate ① Crown Castle Inc 2.75 49.29 -12.47 Real Estate **①** Extra Space Storage Inc 2.13 51.42 -1.05 Real Estate CoStar Group Inc 1.96 53.39 -15.16 Real Estate AvalonBay Communities Inc 1.91 55.29 12.32 Real Estate VICI Properties Inc Ordinary Shares 1.78 57.07 -7.56 Real Estate CBRE Group Inc Class A 1.77 58.84 -4.28 Real Estate

**Total Holdings 158** 



## Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 11.36 years.

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

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

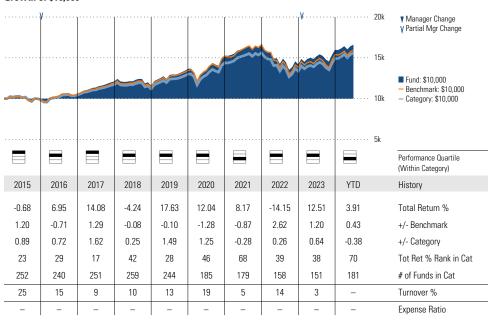
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

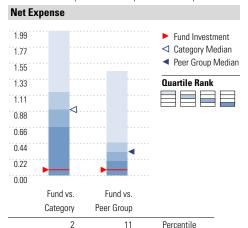
Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



# **Trailing Performance**

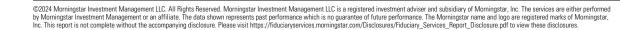




	4/169	37/344	Rank					
Peer group is a subset of the category and includes funds with the								
same management style (active vs. passive) and similar share class								
characteris	tics							

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.14	_	1.04
Beta	0.86	_	0.89
R-Squared	98.91	_	98.50
Standard Deviation	10.20	11.80	10.57
Sharpe Ratio	-0.19	-0.26	-0.19
Tracking Error	1.97	_	1.94
Information Ratio	0.64	_	0.60
Up Capture Ratio	90.31	_	93.06
Down Capture Ratio	83.35	-	86.72

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.94	20.96	20.92
Price/Book Ratio	2.56	2.74	2.78
Avg Eff Duration	5.62	-	5.20





# Vanguard Target Retirement 2020 Fund VTWNX

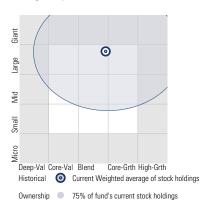
Quality High MidLow

**Morningstar Category** Target-Date 2020

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

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Style Breakdown

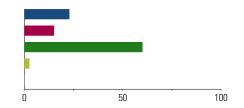
Weight %

Equity				rixeu ii	icome
17	25	31	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Itd	Mod

Duration

>50 25-50 10-25 0-10

#### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	9.23
Cash	2.40	1.85
Bonds	59.93	50.59
Non-US Stocks	14.92	13.06
US Stocks	22.70	25.28
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2024			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	33.49	36.56	34.74	
ů.	Basic Materials	4.45	3.91	4.08	
Д	Consumer Cyclical	10.47	9.93	10.27	
<u></u>	Financial Services	15.75	14.49	15.20	
ŧ	Real Estate	2.82	8.23	5.19	
M	Sensitive	46.87	44.45	46.17	
	Communication Services	7.22	6.72	7.04	
ð	Energy	4.61	4.37	4.69	
<b>Ģ</b>	Industrials	11.70	11.18	11.04	
	Technology	23.34	22.18	23.40	
<b>→</b>	Defensive	19.64	19.00	19.09	
	Consumer Defensive	6.13	5.79	5.67	
٠	Healthcare	10.82	10.49	10.96	
•	Utilities	2.69	2.72	2.46	
				<del></del>	0% 5 10 15 20 25 30 35 40 45 50

<b>Top 7 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Bond Market II Idx Inv	_	33.85	33.85	_	_
→ Vanguard Total Stock Mkt Idx Instl Pls	_	22.77	56.63	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	15.28	71.90	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	14.62	86.52	_	_
◆ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	12.60	99.13	-	-
⊕ Mktliq 12/31/2049	_	0.85	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

#### Total Holdings 7



## Vanguard Target Retirement 2025 Fund VTTVX

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

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 11.36 years.

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

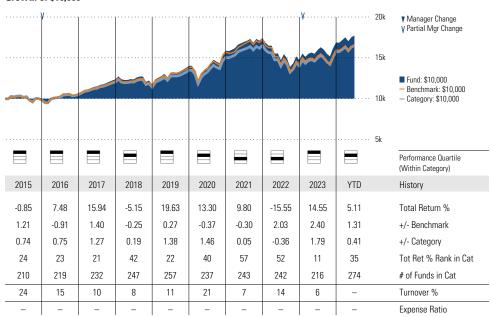
#### **Morningstar Investment Management LLC Analysis**

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

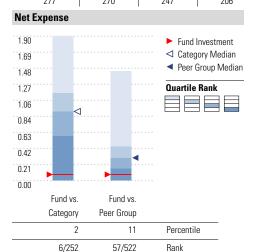
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2024 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 1.26 11.02 1.51 6.12 6.03 6.62 Fund Return % 0.71 9.03 -0.23 4.93 5.12 6.40 Benchmark Return % 0.97 10 02 0.97 5 45 5.35 Category Average % 17 23 24 29 14 % Rank in Category 277 270 247 206 132 # of Funds in Category



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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.67	_	1.11
Beta	0.92	_	0.87
R-Squared	98.93	_	98.16
Standard Deviation	11.79	12.71	11.18
Sharpe Ratio	-0.10	-0.22	-0.16
Tracking Error	1.57	-	2.24
Information Ratio	1.11	-	0.60
Up Capture Ratio	98.06	-	90.73
Down Capture Ratio	88.74	_	84.50

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.98	20.78	21.17
Price/Book Ratio	2.57	2.70	2.81
Avg Eff Duration	5.92	-	5.65



# Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category
Target-Date 2025

Morning

Asset Class

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

Net %

31.08

20.13

46.49

2.23

0.06

100.00

Cat%

28.28

13.25

43.66

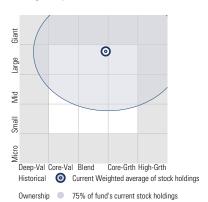
2.37

12.44

100.00

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



# US Stocks Non-US Stocks Bonds Cash Other Total

Asset Allocation as of 06-30-2024

#### Sector Weighting as of 06-30-2024 Fund Fund **Bmark** Cat Cyclical 33.43 34.26 A. Basic Materials 4.42 3.99 3.89 Consumer Cyclical 10.47 10.00 10.14 **P** Financial Services 15.72 14.62 14.92 侖 Real Estate 2.82 7.89 Sensitive 46.92 44.47 46.44 **Communication Services** 7.24 6.69 7.18 • Energy 4.62 4.40 4.53 Ф Industrials 11.67 11.30 10.68 23.39 22.08 Technology 24.05 19.65 19.04 19.31 Defensive Consumer Defensive 6.13 5.82 5.71 Healthcare 10.82 10.49 11.00 Utilities 2.70 2.73 2.60 10 35 45

#### Style Breakdown



17	25	31	Large
6	8	5	Mid
2	3	2	Small
Value	Blend	Growth	



Weight %

>50 25-50 10-25 0-10

Top 7 Holdings as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	31.18	31.18	-	_
⊕ Vanguard Total Bond Market II ldx Inv	_	28.71	59.89	_	_
◆ Vanguard Total Intl Stock Index Inv	_	20.62	80.51	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	12.33	92.84	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	6.20	99.04	_	-
⊕ Mktliq 12/31/2049	-	0.93	99.97	_	_
⊕ Us Dollar	_	0.03	100.00	_	_

#### Total Holdings 7



## Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category** Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

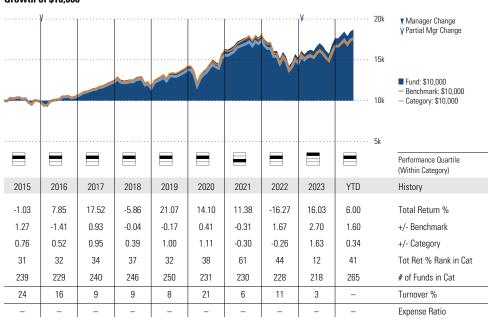
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000





Net Exp	ense			
1.90				► Fund Investment
1.69				Category Median
1.48				◆ Peer Group Median
1.27				Quartile Rank
1.06	d			
0.84				
0.63				
0.42				
0.21				
0.00				
	Fund vs.	Fur	nd vs.	
(	Category	Peer 0	Group	
	3		10	Percentile

	6/243	44/449	Rank			
Peer group	is a subset of	the category an	d includes fun	ds with the		
same management style (active vs. passive) and similar share class						
characteris	etice					

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.79	-	1.35
Beta	0.94	-	0.90
R-Squared	98.99	-	98.38
Standard Deviation	12.88	13.65	12.43
Sharpe Ratio	-0.04	-0.17	-0.08
Tracking Error	1.54	-	2.08
Information Ratio	1.20	-	0.74
Up Capture Ratio	99.64	-	94.65
Down Capture Ratio	90.42	-	87.66

Fund	Bmark	Cat
20.03	20.60	21.14
2.58	2.67	2.88
6.45	-	5.93
	20.03	20.03 20.60 2.58 2.67



# Vanguard Target Retirement 2030 Fund VTHRX

Quality

High

Mid

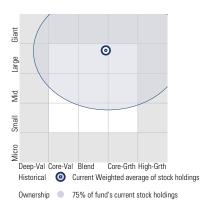
Low

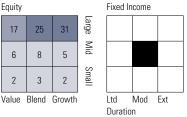
**Morningstar Category** Target-Date 2030

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

#### Style Analysis as of 06-30-2024

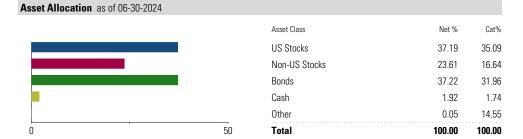
Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	,	Bend	chmark	: [] Ca	ategory	Avera	ge
Cyclic	al	33.38	36.39	32.89								0
Basic	Materials	4.40	4.07	3.97		Ó						
Consu	mer Cyclical	10.47	10.08	10.42				1				
Financ	ial Services	15.69	14.78	15.08								
Real E	state	2.82	7.46	3.42		'						
™ Sensit	ive	46.97	44.52	47.05								
Comm	unication Services	7.25	6.67	7.16								
Energy	1	4.60	4.45	4.52								
Indust	rials	11.64	11.43	11.15								
Techn	ology	23.48	21.97	24.22						<b>=</b> []		
→ Defens	sive	19.65	19.08	20.07								
Consu	mer Defensive	6.12	5.83	5.84								
Health	care	10.83	10.51	11.58	_							
Utilitie	es .	2.70	2.74	2.65								

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Total Stock Mkt Idx Instl Pls	_	37.32	37.32	_	_
	_	26.25	63.57	_	-
Vanguard Total Intl Stock Index Inv	_	24.18	87.74	_	-
① Vanguard Total Intl Bd II Idx Insl	_	11.36	99.10	_	-
① Mktliq 12/31/2049	-	0.89	100.00	-	-
<ul><li>⊖ Us Dollar</li></ul>	-	0.00	100.00	-	-

#### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

**Morningstar Category** Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 11.36 years.

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

Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2035 category average.

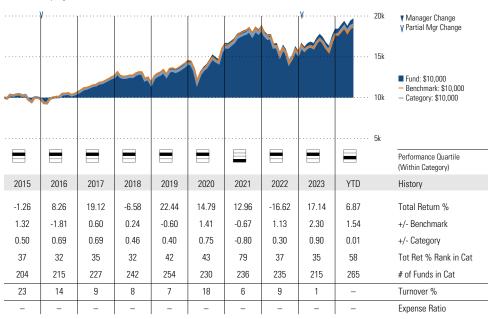
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000





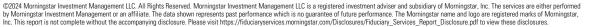
Net Expe	ense		
1.93 1.72 1.50 1.29			► Fund Investment < Category Median < Peer Group Median  Quartile Rank
1.07 0.86	⊲		
0.64 0.43 0.21			
0.00			
	Fund vs.	Fund vs.	
C	Category	Peer Group	
	2	11	Percentile

57/523 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.54	_	1.35
Beta	0.94	_	0.94
R-Squared	99.02	_	98.42
Standard Deviation	13.72	14.58	13.81
Sharpe Ratio	0.01	-0.09	0.00
Tracking Error	1.65	_	1.96
Information Ratio	0.94	_	0.71
Up Capture Ratio	98.05	_	98.00
Down Capture Ratio	90.73	_	91.58

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.08	20.41	21.00
Price/Book Ratio	2.59	2.64	2.84
Avg Eff Duration	6.45	-	6.53



5/243



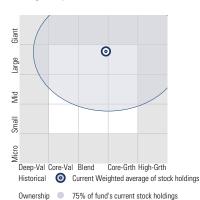
# **Vanguard Target Retirement 2035 Fund** VTTHX

**Morningstar Category** Target-Date 2035

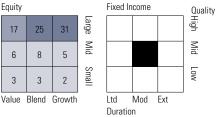
Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



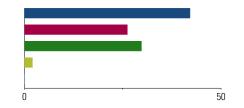
## Style Breakdown



Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	12.44
Cash	1.99	1.56
Bonds	29.73	23.51
Non-US Stocks	26.14	20.57
US Stocks	42.09	41.93
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2024													
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	( [] Ca	ategory	Avera	ge .			
ŀ	Cyclical	33.31	36.28	33.30											
æ.	Basic Materials	4.38	4.16	3.98		•									
A	Consumer Cyclical	10.46	10.17	10.48				į							
<del>,</del>	Financial Services	15.65	14.96	15.24											
侖	Real Estate	2.82	6.99	3.60			'								
W	Sensitive	47.03	44.60	47.14										- 1	
	Communication Services	7.27	6.67	7.27		,	]								
•	Energy	4.60	4.47	4.60											
Ф	Industrials	11.61	11.57	11.09			<b></b> 0								
	Technology	23.55	21.89	24.18											
<b>→</b>	Defensive	19.66	19.13	19.55											
Ħ	Consumer Defensive	6.11	5.86	5.75											
٠	Healthcare	10.86	10.52	11.21											
•	Utilities	2.69	2.75	2.59											
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	42.24	42.24	-	_
◆ Vanguard Total Intl Stock Index Inv	_	26.75	68.99	_	-
⊕ Vanguard Total Bond Market II ldx Inv	_	20.95	89.95	_	-
⊕ Vanguard Total Intl Bd II ldx Insl	_	9.10	99.04	_	-
⊕ Mktliq 12/31/2049	-	0.95	99.99	_	_
⊕ Us Dollar	_	0.01	100.00	_	_

Total Holdings 6

## Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category** Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

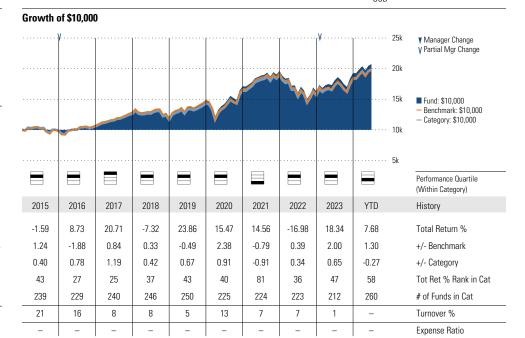
- Performance: The fund has finished in the Target-Date 2040 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2040 category average.

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

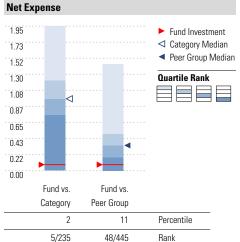
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
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.

Rank

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.18	_	1.11
Beta	0.94	_	0.96
R-Squared	98.95	_	98.40
Standard Deviation	14.55	15.42	14.91
Sharpe Ratio	0.06	-0.01	0.06
Tracking Error	1.77	_	2.06
Information Ratio	0.65	_	0.54
Up Capture Ratio	97.11	_	99.08
Down Capture Ratio	91.84	_	94.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.09	20.23	20.81
Price/Book Ratio	2.60	2.61	2.83
Avg Eff Duration	6.44	-	7.04



5/235



# Vanguard Target Retirement 2040 Fund VFORX

Quality

High

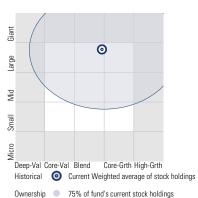
Mid

Low

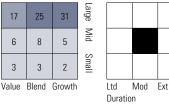
Morningstar Index Morningstar Lifetime Mod 2040 TR USD **Morningstar Category** Target-Date 2040

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Style Breakdown

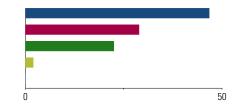


Fixed Income

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	12.30
Cash	1.93	1.04
Bonds	22.45	12.79
Non-US Stocks	28.86	24.84
US Stocks	46.71	49.04
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	t	▼ Ben	chmark	[ C	ategory	Avera	ge		
b	Cyclical	33.28	36.19	33.40										
÷.	Basic Materials	4.36	4.24	4.10										
<b>-</b>	Consumer Cyclical	10.46	10.24	10.60										
<u></u>	Financial Services	15.64	15.13	15.44										
b	Real Estate	2.82	6.58	3.26		]								
NF	Sensitive	47.05	44.64	47.02										]
	Communication Services	7.28	6.65	7.14										
•	Energy	4.60	4.52	4.70										
þ	Industrials	11.59	11.68	11.44										
2	Technology	23.58	21.79	23.74										
+	Defensive	19.65	19.16	19.60										
=	Consumer Defensive	6.10	5.88	5.71										
ř	Healthcare	10.86	10.52	11.33										
?	Utilities	2.69	2.76	2.56										

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	46.88	46.88	_	_
Vanguard Total Intl Stock Index Inv	_	29.54	76.42	_	-
Vanguard Total Bond Market II ldx Inv	_	15.82	92.24	_	-
Vanguard Total Intl Bd II Idx Insl	_	6.86	99.10	_	-
① Mktliq 12/31/2049	-	0.89	99.99	-	-
① Us Dollar	-	0.01	100.00	-	_

Total Holdings 6

## Vanguard Target Retirement 2045 Fund VTIVX

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

Turnover %
Expense Ratio

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

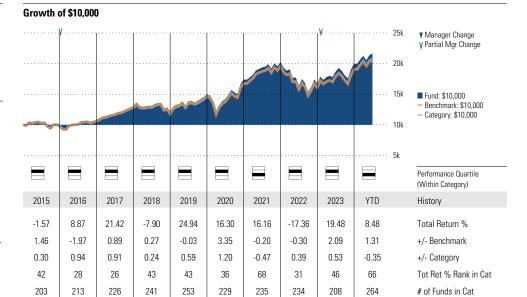
- Performance: The fund has finished in the Target-Date
  2045 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2045 category average.

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

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

#### **ESG Metrics**

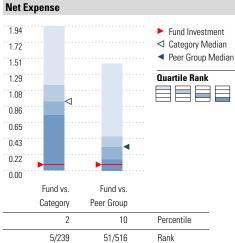
Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





6

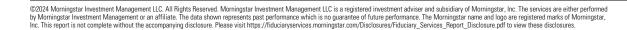
5



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	1.04	_	0.90
Beta	0.96	_	0.97
R-Squared	98.87	_	98.34
Standard Deviation	15.41	16.01	15.70
Sharpe Ratio	0.10	0.04	0.09
Tracking Error	1.78	_	2.11
Information Ratio	0.55	_	0.40
Up Capture Ratio	98.62	_	99.98
Down Capture Ratio	94.23	_	96.23

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.06	20.08	20.86
Price/Book Ratio	2.59	2.58	2.80
Avg Eff Duration	6.46	_	7.82



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# **Vanguard Target Retirement 2045 Fund** VTIVX

Quality

High

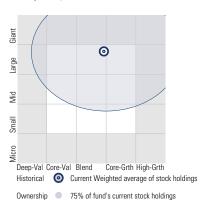
Mid

Low

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

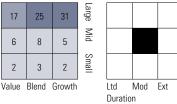
#### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Style Breakdown

Equity 25 31 17 5 6 8

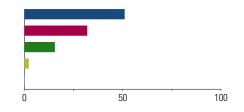


Fixed Income

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	12.57
Cash	2.03	0.90
Bonds	15.29	8.93
Non-US Stocks	31.78	25.69
US Stocks	50.84	51.93
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2024													
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	[] Ca	ategory	Avera	ge .			
ŀ	Cyclical	33.34	36.22	33.47											
A.	Basic Materials	4.38	4.31	4.01		■j									
A	Consumer Cyclical	10.47	10.29	10.51				Ė							
<b>F</b>	Financial Services	15.66	15.26	15.20											
命	Real Estate	2.83	6.36	3.75		[]									
W	Sensitive	47.02	44.62	47.10											Ū
	Communication Services	7.27	6.62	7.23			]								
•	Energy	4.60	4.54	4.56											
Ф	Industrials	11.61	11.79	11.16											
	Technology	23.54	21.67	24.15											
<b>→</b>	Defensive	19.64	19.16	19.42											
Ħ	Consumer Defensive	6.10	5.89	5.74											
+	Healthcare	10.85	10.51	11.17											
•	Utilities	2.69	2.76	2.51		'									
					0%	5	10	15	20	25	30	35	40	45	5

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Name	iviaturity Date	% INEL ASSEL	Cullidative %	FID netuiii %	Morningstal Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	51.02	51.02	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	32.54	83.56	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	10.68	94.24	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	4.78	99.01	_	_
⊕ Mktliq 12/31/2049	-	0.98	99.99	-	-
⊕ Us Dollar	_	0.01	100.00	_	_

Total Holdings 6

## Vanguard Target Retirement 2050 Fund VFIFX

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

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

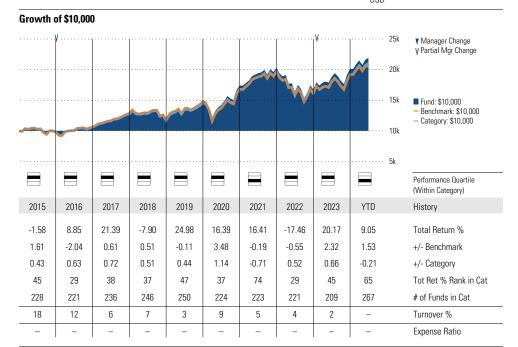
- ❷ Performance: The fund has finished in the Target-Date
  2050 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2050 category average.

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

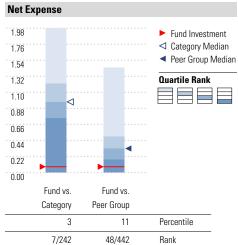
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
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	1.12	_	0.84
Beta	0.97	_	0.98
R-Squared	98.81	_	98.25
Standard Deviation	15.82	16.28	16.13
Sharpe Ratio	0.12	0.06	0.11
Tracking Error	1.81	_	2.16
Information Ratio	0.59	_	0.36
Up Capture Ratio	99.82	_	100.84
Down Capture Ratio	95.20	_	97.46

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.01	19.94	20.69
Price/Book Ratio	2.58	2.55	2.77
Avg Eff Duration	6.46	-	7.96



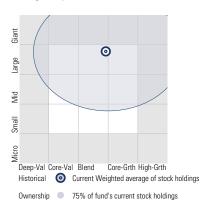
# Vanguard Target Retirement 2050 Fund VFIFX

# Morningstar Category Target-Date 2050

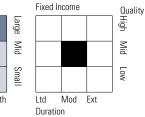
Morningstar Index Morningstar Lifetime Mod 2050 TR USD

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Style Breakdown

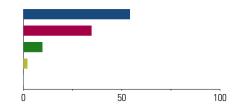


Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	10.39
Cash	1.86	0.85
Bonds	9.50	5.53
Non-US Stocks	34.52	28.71
US Stocks	54.06	54.53
Asset Class	Net %	Cat%

_	je _	Average	tegory	Ca	hmark	Benc	•	Fund	Cat	Bmark	Fund		
									33.81	36.37	33.40	Cyclical	,
							ĺ		4.10	4.38	4.41	Basic Materials	1
									10.57	10.33	10.47	Consumer Cyclical	6
									15.41	15.36	15.70	Financial Services	2
							,		3.73	6.30	2.82	Real Estate	ì
									46.76	44.51	46.96	Sensitive	A
									7.12	6.58	7.25	Communication Services	
							ď		4.63	4.57	4.61	Energy	
									11.42	11.86	11.65	Industrials	ŀ
									23.59	21.50	23.45	Technology	l
									19.42	19.13	19.64	Defensive	•
									5.76	5.89	6.11	Consumer Defensive	
									11.17	10.48	10.83	Healthcare	
									2.49	2.76	2.70	Utilities	
	35	30	25	20	15	10	5	0%	2.49	2.76	2.70	Utilities	_

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	54.25	54.25	_	_
◆ Vanguard Total Intl Stock Index Inv	_	35.35	89.59	_	_
◆ Vanguard Total Bond Market II Idx Inv	_	6.61	96.20	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	3.00	99.20	_	_
⊕ Mktliq 12/31/2049	-	0.79	99.99	-	_
⊕ Us Dollar	_	0.01	100.00	_	_

#### Total Holdings 6



## Vanguard Target Retirement 2055 Fund VFFVX

**Morningstar Category** Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

# of Funds in Cat

Turnover % Expense Ratio

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

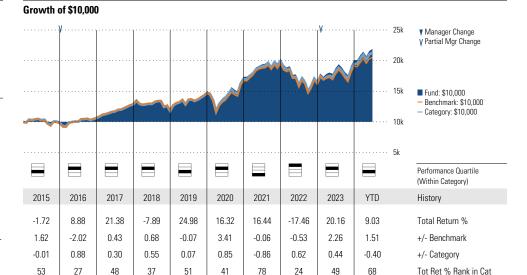
- Performance: The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2055 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



236

5

235

4

209

256

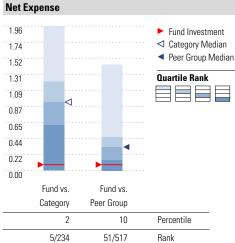
254

3

230

8

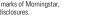




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.16	_	0.99
Beta	0.96	_	0.99
R-Squared	98.77	_	98.22
Standard Deviation	15.83	16.36	16.29
Sharpe Ratio	0.12	0.06	0.12
Tracking Error	1.87	_	2.19
Information Ratio	0.59	_	0.41
Up Capture Ratio	99.57	_	101.82
Down Capture Ratio	94.81	_	97.84

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	20.00	19.81	20.78					
Price/Book Ratio	2.58	2.52	2.76					
Avg Eff Duration	6.45	-	9.13					



195

18

211

8

225

5

242

5

## Vanguard Target Retirement 2055 Fund VFFVX

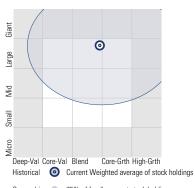
Morningstar Category
Target-Date 2055

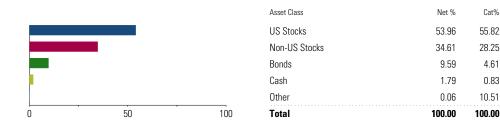
Morningstar In
Morningstar Life

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

#### Style Analysis as of 06-30-2024

Morningstar Style Box™





#### ▼ Benchmark Category Average Cat Fund Fund **Bmark** 33.41 33.72 36.62 A. Basic Materials Ownership 75% of fund's current stock holdings 4.41 4.44 4.22 Consumer Cyclical 10.47 10.36 10.42 **P** Financial Services 15.71 15.45 15.15 侖 Real Estate 2.82 6.37 3.93 Style Breakdown Equity Fixed Income Sensitive 46.95 Quality 44.33 46.88 Large High Communication Services 7.26 6.54 7.05 31 17 25 • Energy 4.61 4.58 4.72 MidΜid 5 6 8 Ф Industrials 11.65 11.91 11.16 Low 21.30 Technology 23.43 23.95 2 2 3 19.65 19.06 Defensive 19.39 Value Blend Growth Ltd Mod Consumer Defensive 6.11 5.88 5.71 Duration Healthcare 10.83 10.42 11.25 Weight % 9 Utilities 2.71 2.76 2.43 >50 25-50 10-25 0-10 10 15 25 30 35 45

Asset Allocation as of 06-30-2024

Sector Weighting as of 06-30-2024

#### Top 6 Holdings as of 06-30-2024 YTD Return % Name Maturity Date % Net Asset Cumulative % Morningstar Sector Vanguard Total Stock Mkt Idx Instl Pls 54.14 54.14 Vanguard Total Intl Stock Index Inv 35.44 89.58 igoplus Vanguard Total Bond Market II ldx Inv 6.70 96.28 Vanguard Total Intl Bd II ldx Insl 3.00 99.27 ① Mktliq 12/31/2049 0.71 99.98 ① Us Dollar 0.02 100.00

#### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

#### Morningstar Category Target-Date 2060

#### Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

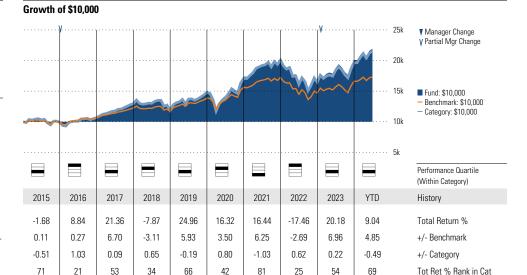
- Performance: The fund has finished in the Target-Date
   2060 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



215

6

219

3

208

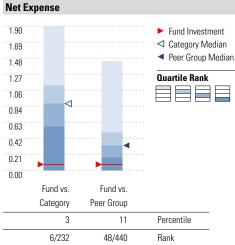
254

# of Funds in Cat

Turnover %

Expense Ratio

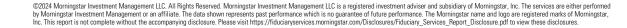




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.01	_	2.93
Beta	1.25	_	1.28
R-Squared	97.72	_	96.58
Standard Deviation	15.81	12.54	16.39
Sharpe Ratio	0.12	-0.12	0.12
Tracking Error	3.91	-	4.68
Information Ratio	0.79	-	0.63
Up Capture Ratio	137.99	_	142.10
Down Capture Ratio	121.85	-	126.56

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.99	19.49	20.24
Price/Book Ratio	2.57	2.42	2.61
Avg Eff Duration	6.46	_	8.66



48

21

112

6

191

3

166

4

209

2

210

6



# **Vanguard Target Retirement 2060 Fund** VTTSX

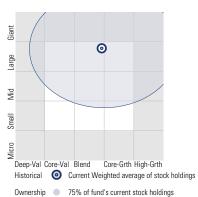
Asset Allocation as of 06-30-2024

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

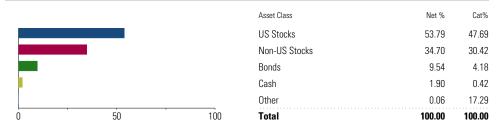
Morningstar Mod Tgt Risk TR USD

#### Style Analysis as of 06-30-2024

Morningstar Style Box™







#### Style Breakdown

Equity				rixe
17	25	31	Large	
6	8	5	Mid	
2	3	2	Small	
Value	Blend	Growth		Ltd



Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	t	▼ Ben	chmark	: [] Ca	ategory	Avera	ge	_	
٠	Cyclical	33.44	38.24	35.12									•	
à.	Basic Materials	4.43	4.59	4.69										
•	Consumer Cyclical	10.47	10.82	10.28										
)	Financial Services	15.72	16.26	15.55										
à	Real Estate	2.82	6.57	4.60		[								
Ų.	Sensitive	46.92	41.95	45.79										Ī
	Communication Services	7.25	5.27	6.75										
	Energy	4.61	4.82	4.99				_						
ŀ	Industrials	11.66	12.37	11.38				' :						
3	Technology	23.40	19.49	22.67		-				()				
+	Defensive	19.65	19.81	19.08										
7	Consumer Defensive	6.12	6.12	5.66										
ř	Healthcare	10.83	10.61	11.07										
2	Utilities	2.70	3.08	2.35		•								

••					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	53.97	53.97	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.54	89.51	_	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.65	96.16	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	-	3.00	99.16	_	-
⊕ Mktliq 12/31/2049	-	0.82	99.98	-	-
⊕ Us Dollar	_	0.02	100.00	_	_

Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category Target-Date 2065+ Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date
   2065+ category's top three quartiles in 4 of the 6 years it's
   been in existence.
- Management: The fund's management has been in place for 6.97 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

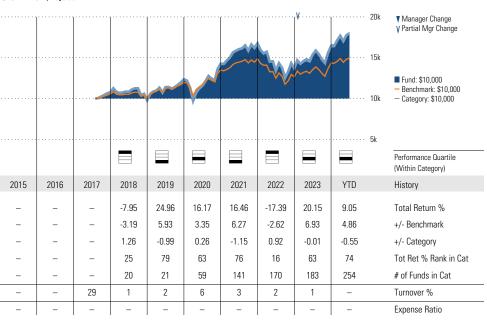
#### **Morningstar Investment Management LLC Analysis**

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

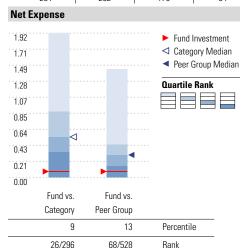
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000







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

3-Year KISK Welrics			
	Fund	Bmark	Cat
Alpha	3.03	_	3.02
Beta	1.25	-	1.29
R-Squared	97.70	-	96.52
Standard Deviation	15.81	12.54	16.51
Sharpe Ratio	0.12	-0.12	0.12
Tracking Error	3.91	-	4.80
Information Ratio	0.79	-	0.63
Up Capture Ratio	138.02	-	143.27
Down Capture Ratio	121.75	-	127.22

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	19.94	19.49	20.41					
Price/Book Ratio	2.56	2.42	2.65					
Avg Eff Duration	6.45	-	8.99					



# Vanguard Target Retirement 2065 Fund VLXVX

Asset Allocation as of 06-30-2024

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

Morningstar Mod Tgt Risk TR USD

Cat%

49.22

30.56

5.67

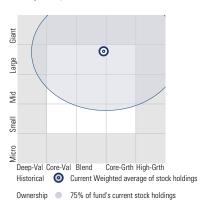
0.94

13.61

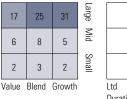
100.00

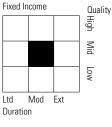
Style Analysis as of 06-30-2024

Morningstar Style Box™

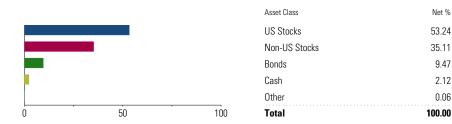








Weight % >50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund		▼ Bend	chmark	] Ca	ategory	Avera	ge	_	
ŀ	Cyclical	33.51	38.24	34.14		÷							1	
ů.	Basic Materials	4.45	4.59	4.56										
4	Consumer Cyclical	10.47	10.82	10.38										
£	Financial Services	15.76	16.26	15.26										
ŧ	Real Estate	2.83	6.57	3.94										
MI	Sensitive	46.86	41.95	46.54										
d	Communication Services	7.23	5.27	7.01										
	Energy	4.62	4.82	4.73										
¢	Industrials	11.69	12.37	11.76				' : :						
3	Technology	23.32	19.49	23.04					•					
<b>→</b>	Defensive	19.64	19.81	19.31										
	Consumer Defensive	6.13	6.12	5.81										
٠	Healthcare	10.81	10.61	11.14										
•	Utilities	2.70	3.08	2.36										

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Total Stock Mkt Idx Instl Pls	_	53.41	53.41	_	_
Vanguard Total Intl Stock Index Inv	-	35.96	89.38	_	-
① Vanguard Total Bond Market II Idx Inv	-	6.58	95.95	_	_
① Vanguard Total Intl Bd II Idx Insl	-	3.00	98.95	_	_
① Mktliq 12/31/2049	-	0.99	99.94	-	-
⊕ Us Dollar	-	0.06	100.00	-	-

Total Holdings 6

## Vanguard Target Retirement 2070 Fund VSVNX

#### Morningstar Category Target-Date 2065+

Morningstar Index Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

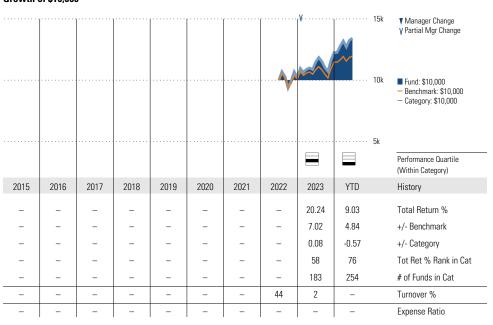
#### **Morningstar Investment Management LLC Analysis**

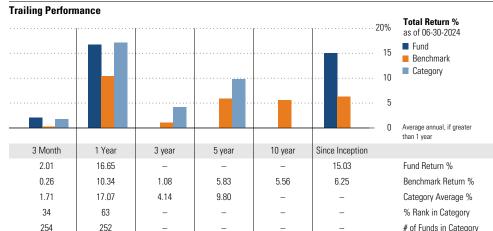
This fund fails the manager tenure screen due to a limited history for this target-date vintage.

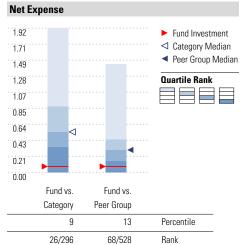
#### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	05-31-2024		
Carbon Risk Score	Low Risk	12-31-2022		

#### Growth of \$10,000







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

3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	_	_	3.02
Beta	_	_	1.29
R-Squared	_	_	96.52
Standard Deviation	_	12.54	16.51
Sharpe Ratio	_	-0.12	0.12
Tracking Error	_	_	4.80
Information Ratio	_	_	0.63
Up Capture Ratio	_	_	143.27
Down Capture Ratio	_	_	127.22

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.96	19.49	20.41
Price/Book Ratio	2.57	2.42	2.65
Avg Eff Duration	6.44	_	8.99



# Vanguard Target Retirement 2070 Fund VSVNX

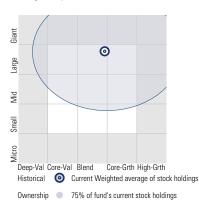
Quality High MidLow

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™



## Style Breakdown

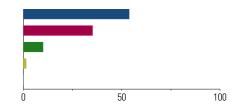
Weight %

Equity				Fixed	Income
17	25	31	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Itd	Mod

>50 25-50 10-25 0-10

Mod Duration

#### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	13.61
Cash	1.29	0.94
Bonds	9.88	5.67
Non-US Stocks	35.07	30.56
US Stocks	53.69	49.22
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2024										
		Fund	Bmark	Cat	Fund •	Benchmar	k [] Ca	ategory	Averaç	ge		
<u></u>	Cyclical	33.47	38.24	34.14							1	
ů.	Basic Materials	4.44	4.59	4.56								
A	Consumer Cyclical	10.47	10.82	10.38								
æ	Financial Services	15.74	16.26	15.26								
<b>fi</b>	Real Estate	2.82	6.57	3.94								
W	Sensitive	46.89	41.95	46.54	_						· ·	
	Communication Services	7.24	5.27	7.01								
ð	Energy	4.62	4.82	4.73								
¢	Industrials	11.68	12.37	11.76								
	Technology	23.35	19.49	23.04				0				
<b>→</b>	Defensive	19.64	19.81	19.31	_							
=	Consumer Defensive	6.12	6.12	5.81								
٠	Healthcare	10.82	10.61	11.14								
•	Utilities	2.70	3.08	2.36								
					0% 5	10 15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	53.87	53.87	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.92	89.78	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	7.00	96.78	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	2.99	99.77	_	_
⊕ Mktliq 12/31/2049	-	0.13	99.90	-	-
⊕ Us Dollar	_	0.10	100.00	_	_

Total Holdings 6



## Vanguard Target Retirement Income Fund VTINX

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

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 11.36 years.

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

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

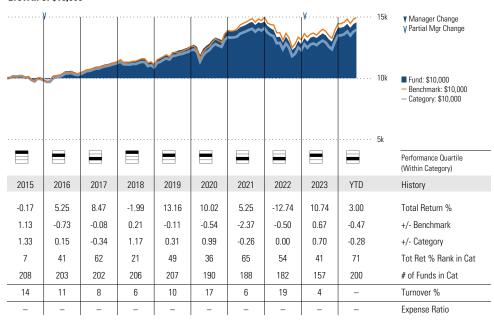
#### **Morningstar Investment Management LLC Analysis**

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

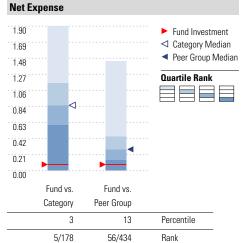
#### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	4	05-31-2024		
ESG Commitment	1-Low	02-15-2022		

#### Growth of \$10,000





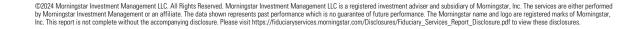


Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.36	_	-0.47
Beta	0.93	_	0.98
R-Squared	97.97	_	96.71
Standard Deviation	8.66	9.17	9.10
Sharpe Ratio	-0.30	-0.23	-0.30
Tracking Error	1.37	_	1.82
Information Ratio	-0.29	_	-0.31
Up Capture Ratio	93.07	_	96.35
Down Capture Ratio	95.87	_	100.07

Fund	Bmark	Cat
19.95	21.34	20.81
2.56	2.82	2.66
5.49	-	6.10
	19.95 2.56	19.95 21.34 2.56 2.82





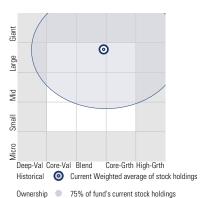
# Vanguard Target Retirement Income Fund VTINX

Quality High MidLow

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

#### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Style Breakdown

Weight %

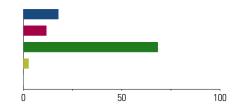
Equity				Fixed In	ncome	
17	25	31	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

Value Blend Growth

>50 25-50 10-25 0-10

#### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	12.98
Cash	2.50	4.30
Bonds	68.25	52.37
Non-US Stocks	11.56	9.30
US Stocks	17.64	21.05
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	: [] Ca	ategory	Avera	ge _	
b	Cyclical	33.47	36.37	35.95									
	Basic Materials	4.43	3.74	3.73			1						
<b>P</b>	Consumer Cyclical	10.47	9.81	9.83				_					
P	Financial Services	15.76	14.19	14.53									
b	Real Estate	2.81	8.63	7.86			[						į
NI	Sensitive	46.88	44.60	44.65									
	Communication Services	7.24	6.80	6.83									
	Energy	4.63	4.30	4.33									
þ	Industrials	11.67	10.96	10.36						_			
2	Technology	23.34	22.54	23.13									
+	Defensive	19.63	19.03	19.39									
7	Consumer Defensive	6.11	5.79	5.70									
r	Healthcare	10.81	10.51	10.76									
?	Utilities	2.71	2.73	2.93									

Maria	Maturity Data	0/ N-+ A+	0	VTD D-+ 0/	M
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Bond Market II Idx Inv	_	36.96	36.96	_	-
⇒ Vanguard Total Stock Mkt Idx InstI PIs	_	17.70	54.65	_	_
	_	16.82	71.47	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	15.89	87.36	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	11.84	99.19	-	-
⊕ Mktliq 12/31/2049	_	0.79	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

#### Total Holdings 7



## Western Asset Core Bond IS WACSX

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

#### Portfolio Manager(s)

Mark Lindbloom since 12-2006 S. Leech since 08-2013 Julien Scholnick since 05-2016 Frederick Marki since 05-2018 Michael Buchanan since 03-2024

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 17.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.42 is 19.23% lower than the Intermediate Core Bond category average.

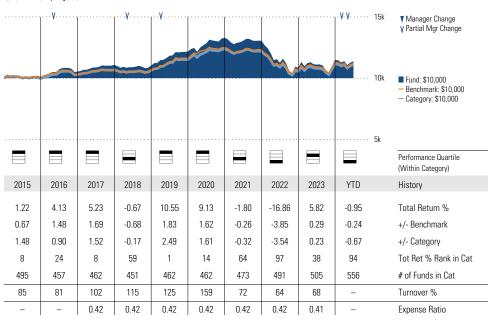
#### **Morningstar Investment Management LLC Analysis**

We have placed Western Asset Core Bond on watch due to persistent troubles with performance and risk management. The fund has experienced some periods of large losses, with 2022's nearly 17% loss looming large. The fund's Morningstar Risk rating is now High, and while some funds are able to deliver high returns for the bumpy ride, this fund has not been able to do so for quite some time. We are placing this fund on watch as we assess its place on the approved list.

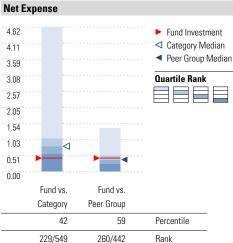
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024

#### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.73	_	-0.08
Beta	1.23	_	0.98
R-Squared	98.94	_	97.76
Standard Deviation	9.18	7.43	7.36
Sharpe Ratio	-0.83	-0.85	-0.86
Tracking Error	1.94	-	0.99
Information Ratio	-0.75	_	-0.20
Up Capture Ratio	117.07	_	96.79
Down Capture Ratio	125.09	_	97.79

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.38	4.43	6.00
Avg Eff Maturity	11.13	_	8.77



# Western Asset Core Bond IS WACSX

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



-50	0	50	100	150

Asset Allocation as of 06-30-2024

Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.02
Bonds	101.87	93.87
Cash	-1.87	4.13
Other	0.00	1.89
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	64.10	3.53	23.71
AA	6.04	74.59	40.42
A	13.77	10.82	21.59
BBB	16.14	8.32	12.31
BB	0.50	0.28	0.68
В	0.24	0.00	0.49
Below B	0.00	0.00	0.21
Not Rated	-0.79	2.46	0.59

Sector Weighting as of 06-3	30-2024				
	Fund	Bmark	Cat	Fund • Benchmark [] Category Average	
Government	14.59	_	30.88		
Treasury	13.81	_	25.45		
Inflation – Protected	0.26	_	1.38		
Agency/Quasi Agency	0.52	_	0.69		
Other Government Related	0.00	_	3.36		
Corporate	30.70	-	23.81		
Corporate Bond	30.70	_	23.59		
Bank Loan	0.00	_	0.07		
Convertible	0.00	_	0.00	j i	
Preferred	0.00	_	0.15		
Securitized	53.72	-	39.03		
Agency MBS Pass-Through	31.46	_	30.02	<b>1</b>	
Agency MBS ARM	0.36	_	0.20		
Agency MBS CMO	5.01	_	1.26		
Non-Agency Residential MBS	1.93	_	0.11		
Commercial MBS	4.28	_	0.54		
Asset-Backed	10.68	_	6.90		
Covered Bond	0.00	_	0.00		
Municipal	0.02	_	1.10		
Cash & Equivalents	0.84	_	4.57		
Other	0.13	_	0.62		
				0% 5 10 15 20 25 30 35 40 45	50

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Trade Date Cash	_	2.48	2.48	_
⊕ United States Treasury Notes 3.875%		1.86	4.34	_
⊕ United States Treasury Bonds 4.75%	_	1.73	6.08	_
◆ United States Treasury Bonds 4.75%	_	1.25	7.32	_
⊕ United States Treasury Bonds 4%	_	1.00	8.33	-
─ United States Treasury Bonds 1.875%	_	0.98	9.31	_
United States Treasury Bonds 3.375%	_	0.84	10.15	_
⊕ United States Treasury Notes 4.125%	_	0.80	10.95	_
United States Treasury Bonds 1.625%	_	0.77	11.72	_
⊕ United States Treasury Notes 4%	_	0.66	12.38	_

Total Holdings 2459

