

# American Funds New World R6 RNWX

Morningstar Category: Diversified Emerging Mkts  
Morningstar Index: MSCI EM NR USD

## Portfolio Manager(s)

Carl Kawaja since 06-1999  
Robert Lovelace since 06-1999  
Winnie Kwan since 01-2009  
Christopher Thomsen since 01-2009  
Tomonori Tani since 10-2013  
Akira Shiraishi since 01-2017  
Bradford Freer since 01-2017  
Lisa Thompson since 10-2019  
Kirstie Spence since 12-2019  
Piayada Phanaphat since 01-2020  
Dawid Justus since 01-2020  
Matt Hochstetler since 01-2024

## Quantitative Screens

✓ **Performance:** The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.

✓ **Management:** The fund's management has been in place for 25.56 years.

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

✓ **Net Expense:** The fund's expense ratio of 0.57 is 48.65% lower than the Diversified Emerging Mkts category average.

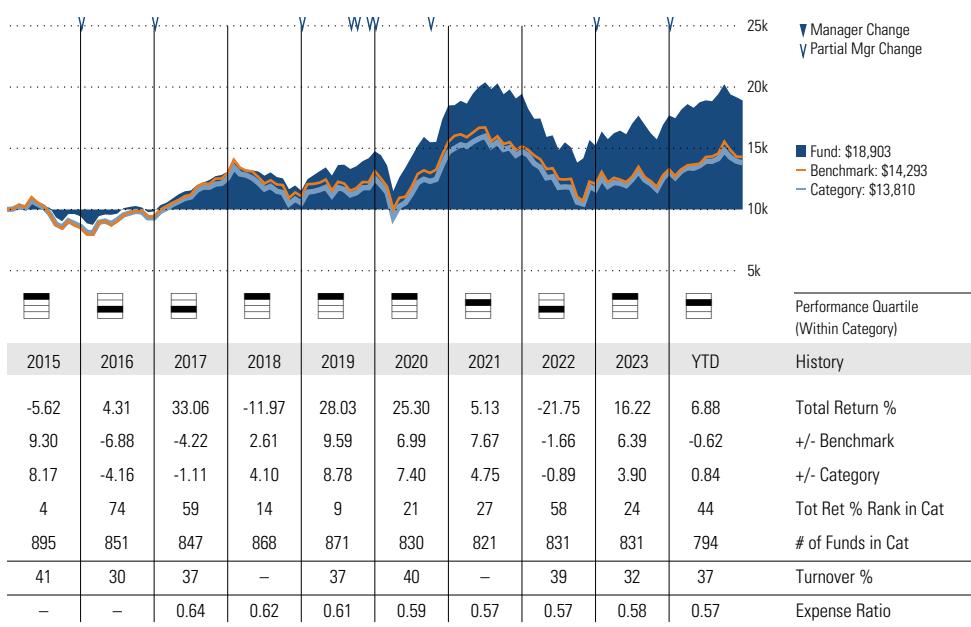
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

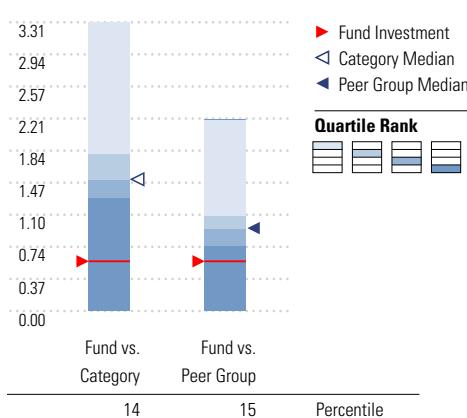
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.63	—	-0.95
Beta	0.79	—	0.93
R-Squared	77.61	—	87.17
Standard Deviation	15.98	17.75	17.78
Sharpe Ratio	-0.25	-0.26	-0.31
Tracking Error	8.41	—	6.29
Information Ratio	0.12	—	-0.14
Up Capture Ratio	80.45	—	91.93
Down Capture Ratio	78.51	—	96.62

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	13.99	13.85
Price/Book Ratio	3.07	1.74	1.84
Geom Avg Mkt Cap \$B	80.99	47.88	52.65
ROE	23.57	17.44	18.82

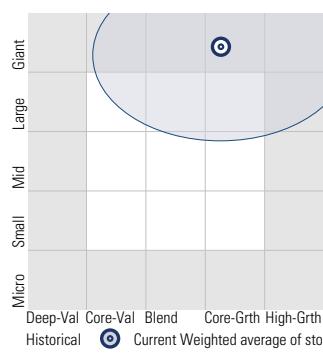
# American Funds New World R6 RNWX

**Morningstar Category**  
Diversified Emerging Mkts

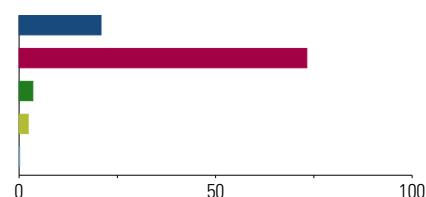
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

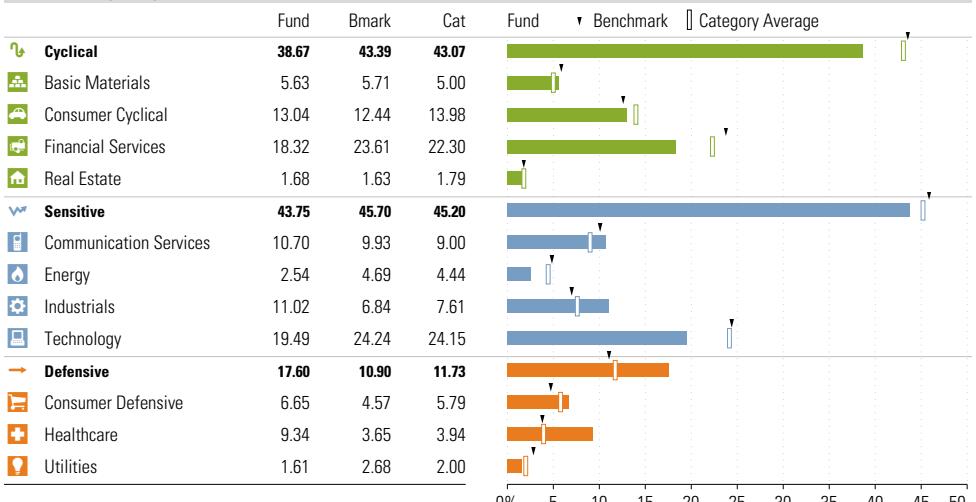


## Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	20.84	2.19
Non-US Stocks	73.21	96.35
Bonds	3.49	-0.03
Cash	2.30	1.41
Other	0.16	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown

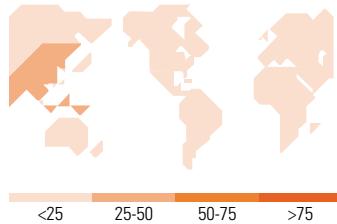
Equity

	Large	Mid	Small
12	28	49	
2	4	3	
1	0	0	

Value Blend Growth

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

## World Regions % Equity 12-31-2024



	Fund %	Cat %		Fund %	Cat %		Fund %	Cat %		Market Maturity	Fund %
Greater Asia	47.64	76.52	Americas	31.65	12.47	Greater Europe	20.71	11.00	Market Maturity		
Japan	2.31	0.04	North America	23.61	1.90	United Kingdom	2.67	0.58	Developed Markets	56.63	
Australasia	0.00	0.04	Central/Latin	8.04	10.57	W euro-ex UK	14.55	1.64	Emerging Markets	43.37	
Asia-4 Tigers	12.82	28.03				Emrgng Europe	0.47	2.03	Not Available	0.00	
Asia-ex 4 Tigers	32.51	48.41				Africa	3.02	6.75			
Not Classified	0.00	0.00									

## Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Taiwan Semiconductor Manufacturing Co Ltd	5.95	5.95	—	Technology
⊕ Tencent Holdings Ltd	2.62	8.57	—	Communication Svc
⊕ Microsoft Corp	2.61	11.18	12.91	Technology
⊖ Capital Group Central Cash Fund	2.57	13.75	—	—
⊕ MercadoLibre Inc	1.85	15.60	—	Consumer Cyclical
⊖ Broadcom Inc	1.78	17.38	—	Technology
⊕ Meta Platforms Inc Class A	1.65	19.03	—	Communication Svc
⊕ NVIDIA Corp	1.51	20.53	171.24	Technology
⊖ Novo Nordisk AS Class B	1.35	21.89	—	Healthcare
⊖ Max Healthcare Institute Ltd Ordinary Shares	1.27	23.15	—	Healthcare

**Total Holdings 593**

⊕ Increase ⊖ Decrease ✶ New to Portfolio

# American Funds Washington Mutual R6 RWMGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Portfolio Manager(s)

Alan Berro since 07-1997  
Alan Wilson since 07-2013  
Diana Wagner since 06-2014  
Jin Lee since 07-2014  
Eric Stern since 11-2014  
Irfan Furniturewala since 06-2015  
Emme Kozloff since 07-2016  
Mark Casey since 07-2016  
Aline Avzaradel since 07-2021

## Quantitative Screens

- Performance:** The fund has finished in the Large Blend category's top three quartiles in 7 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 27.52 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 0.26 is 64.38% lower than the Large Blend category average.

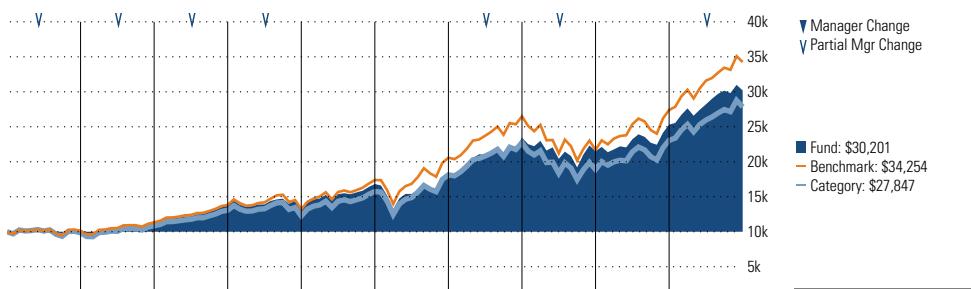
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000

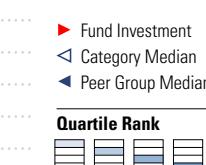
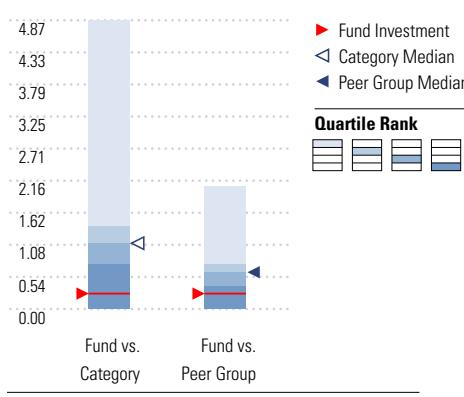


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
0.12	13.73	20.54	-2.66	25.93	8.08	28.90	-8.18	17.59	19.34	Total Return %
-1.26	1.77	-1.29	1.72	-5.56	-10.32	0.19	9.93	-8.70	-5.68	+/- Benchmark
1.19	3.36	0.10	3.61	-2.85	-7.75	2.83	8.78	-4.73	-2.11	+/- Category
8	58	10	12	82	90	21	5	79	69	Tot Ret % Rank in Cat
1,542	1,445	1,426	1,433	1,442	1,438	1,457	1,477	1,487	1,468	# of Funds in Cat
24	30	21	25	25	30	24	19	30	31	Turnover %
—	—	0.30	0.29	0.29	0.27	0.27	0.26	0.26	0.26	Expense Ratio

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.45	—	-1.12
Beta	0.80	—	0.95
R-Squared	92.79	—	94.60
Standard Deviation	14.42	17.40	16.91
Sharpe Ratio	0.37	0.34	0.25
Tracking Error	5.22	—	3.56
Information Ratio	-0.02	—	-1.26
Up Capture Ratio	85.06	—	92.39
Down Capture Ratio	80.36	—	96.94

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.26	27.14	27.37
Price/Book Ratio	4.13	4.77	4.95
Geom Avg Mkt Cap \$B	218.08	362.17	383.78
ROE	27.58	33.88	32.35

# American Funds Washington Mutual R6 RWMGX

Morningstar Category

Morningstar Index

Large Blend

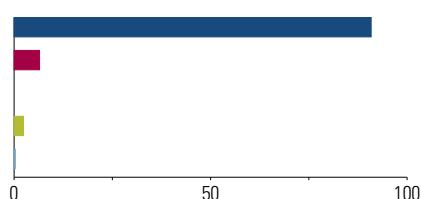
S&amp;P 500 TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



Asset Class

Net %

Cat%

US Stocks

90.85

96.07

Non-US Stocks

6.48

2.24

Bonds

0.00

-0.68

Cash

2.38

1.42

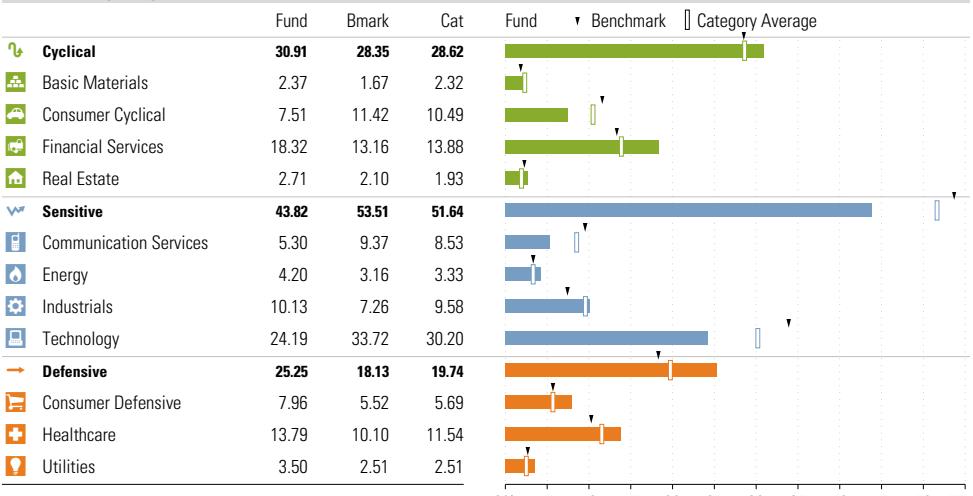
Other

0.29

0.95

**Total****100.00****100.00**

## Sector Weighting as of 12-31-2024



## Style Breakdown

Equity

	32	32	18
	7	9	2
	0	0	0
Value	32	32	18
Blend	7	9	2
Growth	0	0	0

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

## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Broadcom Inc	8.42	8.42	–	Technology
Microsoft Corp	5.52	13.95	12.91	Technology
UnitedHealth Group Inc	2.52	16.47	-2.36	Healthcare
Apple Inc	2.46	18.93	30.58	Technology
Eli Lilly and Co	2.33	21.26	33.33	Healthcare
Capital Group Central Cash Fund	2.29	23.54	–	–
Philip Morris International Inc	2.24	25.78	–	Consumer Defensive
Marsh & McLennan Companies Inc	2.23	28.01	13.72	Financial Services
JPMorgan Chase & Co	1.60	29.61	43.63	Financial Services
Comcast Corp Class A	1.33	30.94	-11.63	Communication Svc
BlackRock Inc	1.32	32.26	28.79	Financial Services
Visa Inc Class A	1.26	33.53	–	Financial Services
AbbVie Inc	1.25	34.77	–	Healthcare
Alphabet Inc Class C	1.17	35.95	35.56	Communication Svc
The Home Depot Inc	1.17	37.12	14.84	Consumer Cyclical

**Total Holdings 190**

+ Increase - Decrease \*\* New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

Morningstar Category  
Inflation-Protected Bond

Morningstar Index  
Bloomberg US Treasury US TIPS TR  
USD

## Portfolio Manager(s)

David Rogal since 03-2018

Harrison Segall since 02-2024

Johan Sjogren since 02-2024

## Quantitative Screens

✓ **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 has been in place for 6.81 years.

Style Consistency is not calculated for Fixed Income funds.

✗ **Net Expense:** The fund's expense ratio of 0.84 is 25.37% higher than the Inflation-Protected Bond category average.

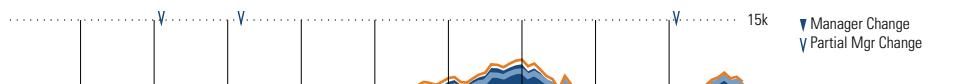
## Morningstar Investment Management LLC Analysis

This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

## Growth of \$10,000

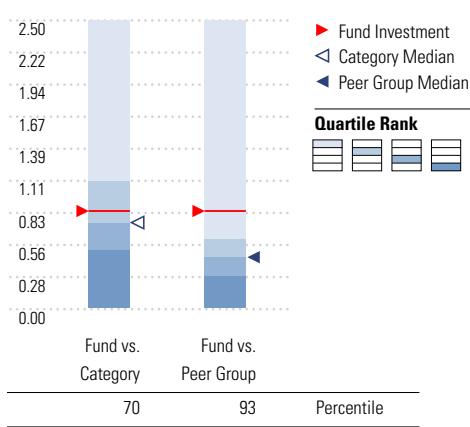


Performance Quartile (Within Category)										History
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-2.10	4.11	3.09	-1.88	8.26	11.75	5.74	-11.49	3.74	1.86	Total Return %
-0.66	-0.57	0.08	-0.62	-0.17	0.76	-0.22	0.36	-0.16	0.02	+/- Benchmark
0.26	-0.48	0.37	-0.24	0.34	1.74	0.13	-2.51	0.92	-0.19	+/- Category
45	56	31	65	41	15	30	47	57	52	Tot Ret % Rank in Cat
194	191	184	177	175	160	159	158	158	158	# of Funds in Cat
61	7	76	176	252	330	246	293	197	—	Turnover %
—	—	0.40	0.50	0.65	0.43	0.39	0.62	0.85	—	Expense Ratio

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.15	—	-0.11
Beta	1.02	—	1.00
R-Squared	99.27	—	96.62
Standard Deviation	7.42	7.24	7.88
Sharpe Ratio	-0.84	-0.88	-0.87
Tracking Error	0.65	—	1.65
Information Ratio	0.14	—	-0.38
Up Capture Ratio	102.15	—	100.17
Down Capture Ratio	100.86	—	101.63

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.77	4.52	6.06
Avg Eff Maturity	8.34	—	7.05

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

BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

## **Morningstar Index**

Style Analysis as of 12-31-2024

**Asset Allocation** as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	0.19	0.17
Non-US Stocks	0.00	-0.01
Bonds	122.51	98.70
Cash	-34.30	3.37
Other	11.59	-2.24
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Credit Rating Breakdown</b>	Fund	Bmark	Cat			
AAA	3.01	0.00	23.64			
AA	92.04	99.60	70.55			
A	0.58	0.00	0.76			
BBB	0.62	0.00	1.43			
BB	0.44	0.00	0.23			
B	0.08	0.00	0.03			
Below B	0.00	0.00	0.14			
Not Rated	3.23	0.40	3.23			
<b>Government</b>	<b>85.89</b>	—	<b>89.55</b>			
Treasury	1.93	—	0.51			
Inflation – Protected	69.97	—	82.69			81.00
Agency/Quasi Agency	0.00	—	0.10			
Other Government Related	13.99	—	6.25			
<b>Corporate</b>	<b>0.34</b>	—	<b>0.84</b>			
Corporate Bond	0.34	—	0.82			
Bank Loan	0.00	—	0.00			
Convertible	0.00	—	0.00			
Preferred	0.00	—	0.02			
<b>Securitized</b>	<b>7.36</b>	—	<b>4.27</b>			
Agency MBS Pass-Through	2.54	—	2.19			
Agency MBS ARM	0.00	—	0.00			
Agency MBS CMO	0.63	—	0.35			
Non-Agency Residential MBS	0.30	—	0.08			
Commercial MBS	0.93	—	0.10			
Asset-Backed	2.96	—	1.53			
Covered Bond	0.00	—	0.02			
<b>Municipal</b>	<b>0.00</b>	—	<b>0.00</b>			
<b>Cash &amp; Equivalents</b>	<b>3.00</b>	—	<b>5.30</b>			
<b>Other</b>	<b>3.39</b>	—	<b>0.06</b>			

**Top 10 Holdings** as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
★ Cash Offset	—	22.58	22.58	—
⊕ Three-Month Sofr Future Sep 25	—	17.20	39.78	—
⊖ Fed Fund 30 Day Jan 25	—	13.51	53.29	—
⊕ Apr25 Sfrm5 C @ 96.25	—	10.89	64.18	—
⊕ 1Y Rtr 3.740000 16-May-2025 1	05-2025	8.48	72.67	—
⊕ 1Y Rtr 3.740000 16-May-2025 1	—	4.23	76.90	—
⊕ United States Treasury Notes	07-2034	3.93	80.83	—
⊖ United States Treasury Notes	01-2034	3.79	84.61	—
⊖ USD CASH(Alpha Committed)	01-2025	3.52	88.13	—
⊖ United States Treasury Notes	07-2033	3.50	91.63	—

## Total Holdings 291

⊕ Increase ⊖ Decrease ✶ New to Portfolio

# Fidelity Contrafund FCNTX

## Portfolio Manager(s)

William Danoff since 09-1990

## 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 34.31 years.

✓ **Style:** The fund has landed in its primary style box — Large Growth — 93.55 % of the time over the past three years.

✓ **Net Expense:** The fund's expense ratio of 0.39 is 57.61% lower than the Large Growth category average.

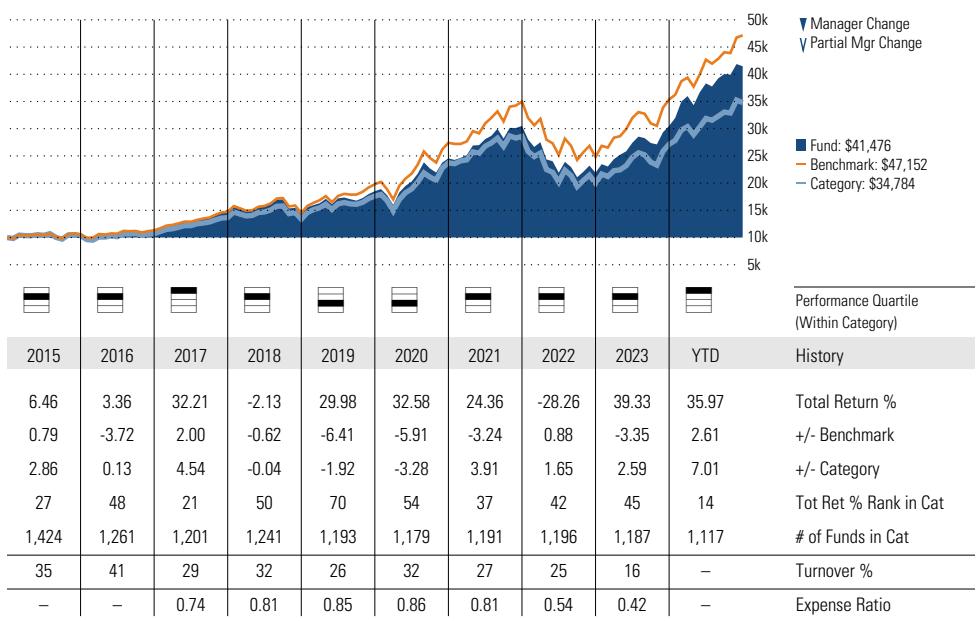
## Morningstar Investment Management LLC Analysis

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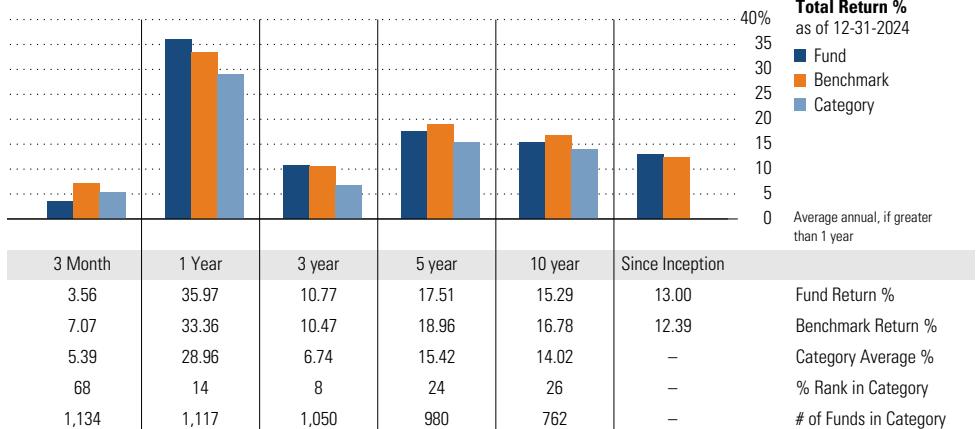
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

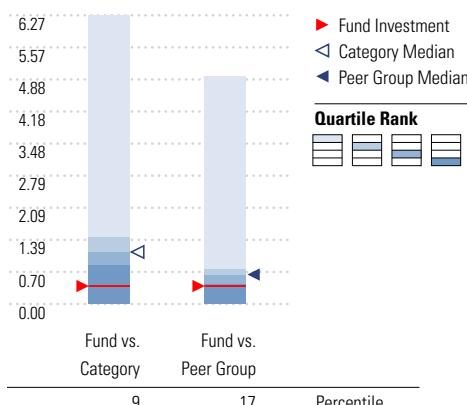
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.28	—	-3.44
Beta	0.89	—	1.01
R-Squared	94.27	—	93.27
Standard Deviation	18.87	20.62	21.65
Sharpe Ratio	0.42	0.39	0.22
Tracking Error	5.07	—	5.64
Information Ratio	0.06	—	-0.72
Up Capture Ratio	94.12	—	94.60
Down Capture Ratio	91.12	—	106.64

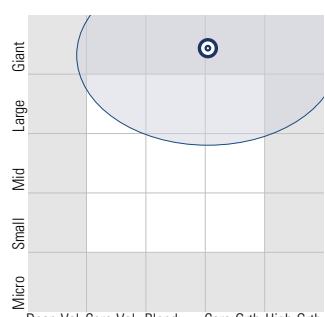
## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.16	37.05	35.56
Price/Book Ratio	5.20	12.32	9.42
Geom Avg Mkt Cap \$B	596.22	747.44	586.06
ROE	33.76	43.76	40.58

# Fidelity Contrafund FCNTX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



Deep-Val Core-Val Blend Core-Grth High-Grth  
Historical Current Weighted average of stock holdings

Ownership 75% of fund's current stock holdings

## Style Breakdown

Equity

	9	60	22
Value	1	2	5
Blend	0	0	0
Growth			

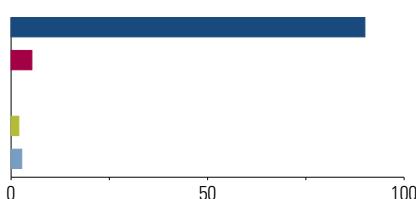
Large

Mid

Small

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

## Asset Allocation as of 12-31-2024



Morningstar Category

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Asset Class

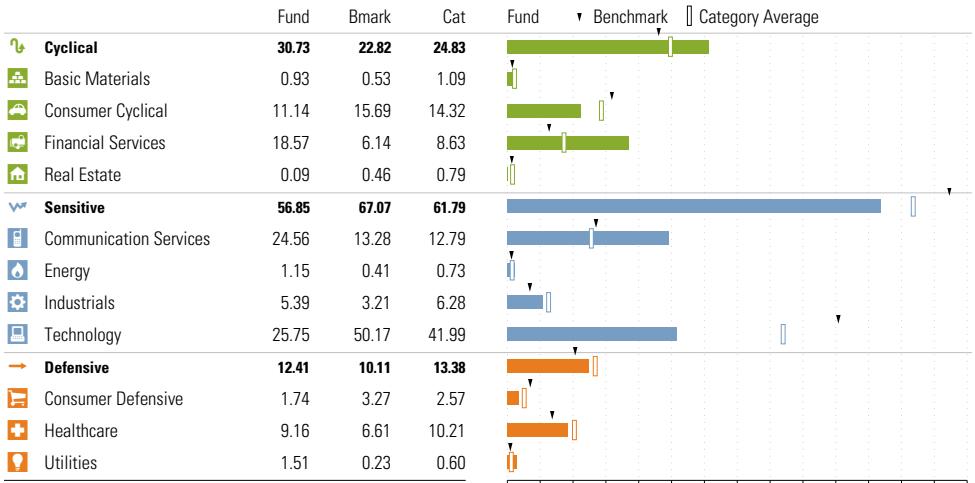
Net %

Cat%

US Stocks	90.02	93.72
Non-US Stocks	5.29	4.29
Bonds	0.00	0.00
Cash	1.97	1.13
Other	2.71	0.86

**Total****100.00****100.00**

## Sector Weighting as of 12-31-2024



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

## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Meta Platforms Inc Class A	15.74	15.74	—	Communication Svc
⊖ NVIDIA Corp	8.47	24.21	171.24	Technology
Berkshire Hathaway Inc Class A	8.35	32.56	25.49	Financial Services
Amazon.com Inc	6.76	39.32	44.39	Consumer Cyclical
⊖ Microsoft Corp	5.31	44.63	12.91	Technology
⊖ Apple Inc	3.37	48.00	30.58	Technology
⊕ Alphabet Inc Class A	2.46	50.46	35.94	Communication Svc
⊖ Eli Lilly and Co	2.46	52.92	33.33	Healthcare
Netflix Inc	2.26	55.18	83.07	Communication Svc
⊕ Fidelity Cash Central Fund	2.00	57.18	—	—
⊕ Alphabet Inc Class C	2.00	59.17	35.56	Communication Svc
⊖ Amphenol Corp Class A	1.77	60.94	41.23	Technology
⊕ Visa Inc Class A	1.57	62.51	—	Financial Services
JPMorgan Chase & Co	1.45	63.96	43.63	Financial Services
⊖ UnitedHealth Group Inc	1.31	65.27	-2.36	Healthcare

**Total Holdings 388**

⊕ Increase ⊖ Decrease ✶ New to Portfolio

# Loomis Sayles Bond N LSBNX

## Portfolio Manager(s)

Matthew Eagan since 02-2007

Brian Kennedy since 06-2016

## Quantitative Screens

✓ **Performance:** The fund has finished in the Multisector Bond 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 17.93 years.

Style Consistency is not calculated for Fixed Income funds.

✓ **Net Expense:** The fund's expense ratio of 0.6 is 38.78% lower than the Multisector Bond category average.

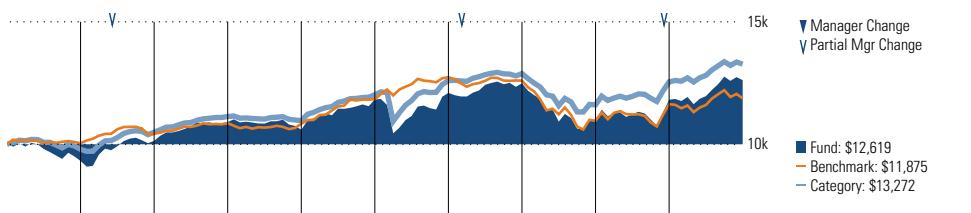
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000

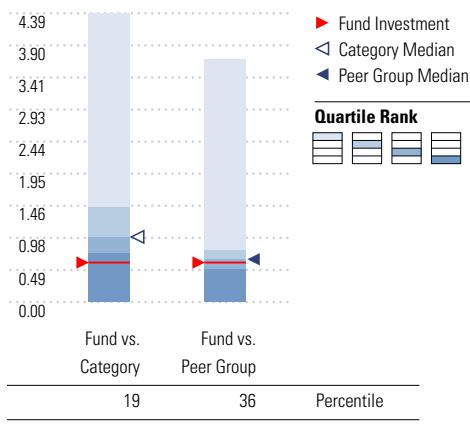


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-6.80	8.80	7.56	-2.88	11.75	2.21	3.22	-12.46	8.12	6.76	Total Return %
-7.23	4.89	3.47	-2.63	2.46	-5.37	4.32	0.53	1.95	4.72	+/- Benchmark
-4.62	1.28	1.49	-1.36	1.95	-2.63	0.73	-2.61	-0.01	0.80	+/- Category
92	30	17	70	20	80	30	73	57	36	Tot Ret % Rank in Cat
359	333	341	357	347	353	369	372	378	372	# of Funds in Cat
22	13	9	7	17	26	87	23	30	—	Turnover %
—	—	0.59	0.59	0.59	0.60	0.61	0.61	0.62	—	Expense Ratio

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.38	—	2.51
Beta	1.01	—	0.78
R-Squared	89.95	—	79.76
Standard Deviation	8.23	7.70	6.68
Sharpe Ratio	-0.44	-0.78	-0.45
Tracking Error	2.61	—	3.52
Information Ratio	0.88	—	0.88
Up Capture Ratio	110.81	—	85.99
Down Capture Ratio	89.99	—	64.32

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	4.73	4.55	3.63
Avg Eff Maturity	6.16	7.69	6.94

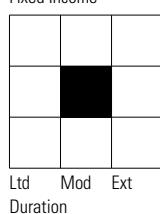
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

# Loomis Sayles Bond N LSBNX

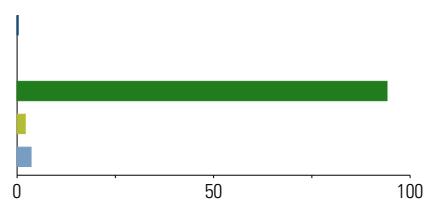
Style Analysis as of 12-31-2024

## Style Breakdown

Fixed Income



Asset Allocation as of 12-31-2024



Morningstar Category

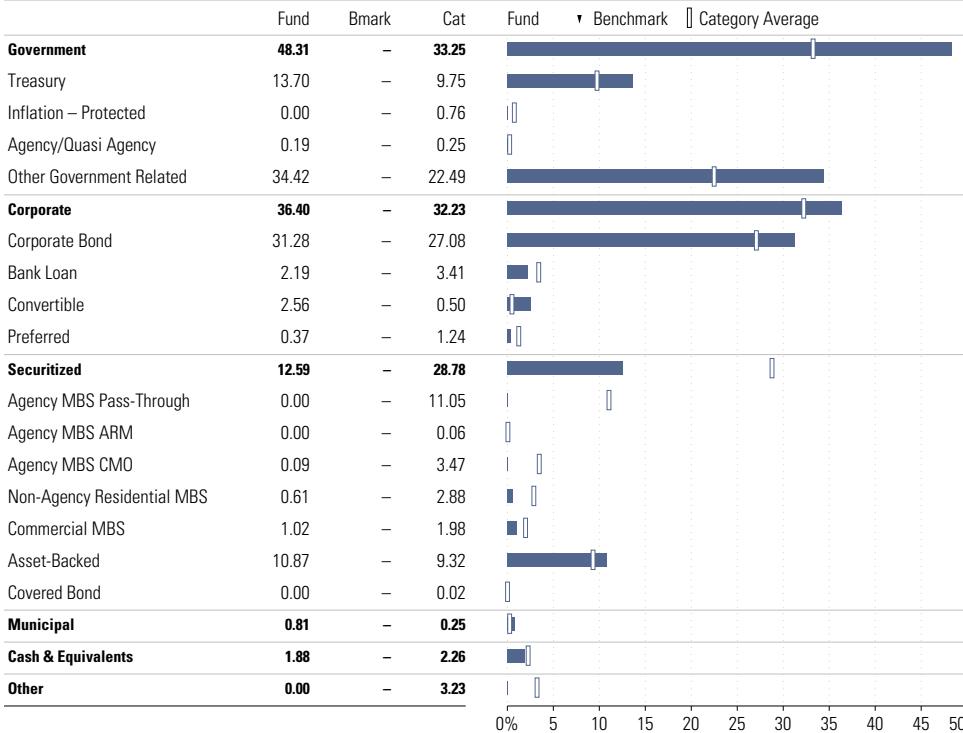
Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	18.83	67.64	19.60
AA	2.93	3.23	11.55
A	10.88	10.03	10.27
BBB	36.45	10.89	20.92
BB	12.19	3.19	15.68
B	6.95	3.64	9.99
Below B	2.72	1.38	3.59
Not Rated	9.06	0.00	8.40

Sector Weighting as of 12-31-2024



0% 5 10 15 20 25 30 35 40 45 50

Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Mar25 Xcbt 20250331	03-2025	28.43	28.43	—
⊕ 10 Year Treasury Note Future Mar 25	03-2025	7.76	36.19	—
⊕ Ultra 10 Year US Treasury Note Future Mar 25	03-2025	6.28	42.47	—
⊕ Us Long Bond(Cbt) Mar25 Xcbt 20250320	03-2025	4.14	46.61	—
United States Treasury Notes 4.375%	07-2026	3.44	50.05	—
⊕ 2 Year Treasury Note Future Mar 25	03-2025	2.25	52.30	—
⊕ United States Treasury Notes 4.125%	10-2026	2.01	54.31	—
United States Treasury Notes 4.875%	04-2026	1.99	56.30	—
United States Treasury Notes 4.625%	06-2025	1.64	57.93	—
⊕ Fixed Inc Clearing Corp.Repo	12-2024	1.57	59.50	—

Total Holdings 648

⊕ Increase ⊖ Decrease \*\* New to Portfolio

# MFS Research International R4 MRSJX

Morningstar Category  
Foreign Large BlendMorningstar Index  
MSCI ACWI Ex USA NR USD**Portfolio Manager(s)**

Nicholas Paul since 12-2022

John Mahoney since 01-2024

**Quantitative Screens**

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

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

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

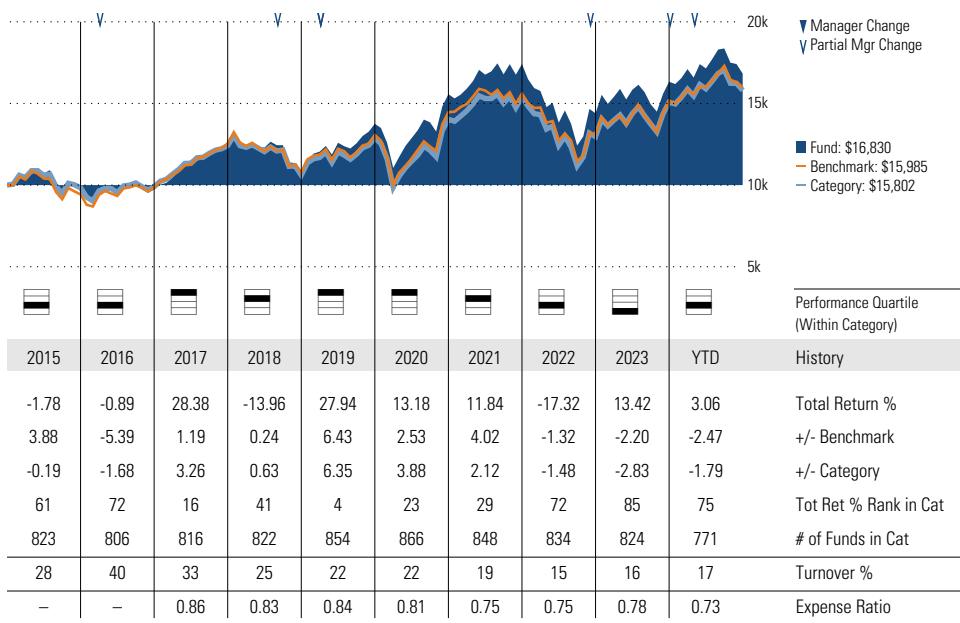
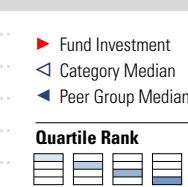
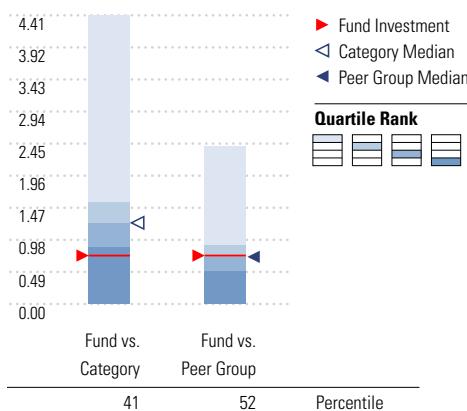
✓ **Net Expense:** The fund's expense ratio of 0.73 is 10.98% lower than the Foreign Large Blend category average.

**Morningstar Investment Management LLC Analysis**

This fund fails the manager tenure screen after the retirement of Camille Humphries Lee. But we are comfortable with the remaining team and oversight managers here, one of whom will pass the tenure screen at the start of 2025, and who both have plenty of experience at MFS.

**ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

**Growth of \$10,000****Trailing Performance****Net Expense****3-Year Risk Metrics**

	Fund	Bmark	Cat
Alpha	-1.86	–	-0.18
Beta	1.02	–	1.02
R-Squared	93.71	–	92.81
Standard Deviation	17.08	16.25	17.28
Sharpe Ratio	-0.23	-0.13	-0.13
Tracking Error	4.29	–	4.64
Information Ratio	-0.45	–	-0.05
Up Capture Ratio	103.78	–	105.80
Down Capture Ratio	112.49	–	107.10

**Portfolio Metrics**

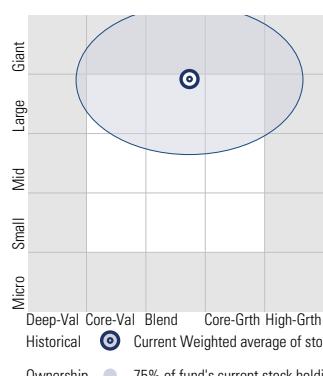
	Fund	Bmark	Cat
Price/Earnings Ratio	17.54	15.67	15.97
Price/Book Ratio	2.08	1.81	1.85
Geom Avg Mkt Cap \$B	52.06	50.11	58.43
ROE	18.97	16.85	17.76

# MFS Research International R4 MRSJX

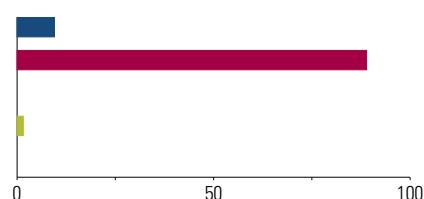
Morningstar Category  
Foreign Large BlendMorningstar Index  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



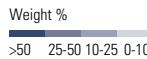
## Asset Allocation as of 12-31-2024



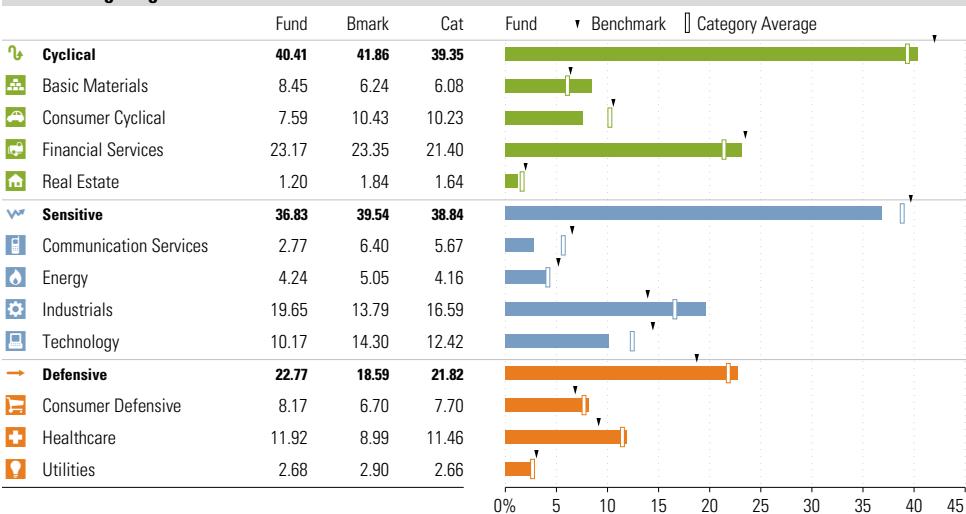
## Style Breakdown

Equity

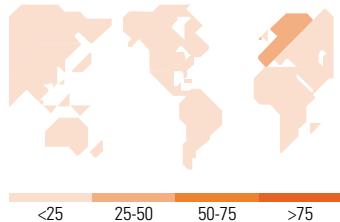
	14	42	29
	2	6	5
	0	2	0
Value			
Blend			
Growth			



## Sector Weighting as of 12-31-2024



## World Regions % Equity 12-31-2024



	Fund %	Cat %		Fund %	Cat %		Fund %	Cat %		Market Maturity	Fund %
Greater Asia	30.47	35.85	Americas	13.00	8.91	Greater Europe	56.53	55.25	Market Maturity		
Japan	19.75	18.99	North America	11.81	7.91	United Kingdom	12.37	13.63	Developed Markets	96.28	
Australasia	3.36	4.85	Central/Latin	1.19	1.00	W euro-ex UK	44.16	40.55	Emerging Markets	3.72	
Asia-4 Tigers	4.82	6.66				Emrgng Europe	0.00	0.09	Not Available	0.00	
Asia-ex 4 Tigers	2.54	5.35				Africa	0.00	0.98			
Not Classified	0.00	0.00									

## Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Schneider Electric SE	3.72	3.72	–	Industrials
Linde PLC	2.92	6.64	3.29	Basic Materials
Roche Holding AG	2.59	9.23	–	Healthcare
Hitachi Ltd	2.51	11.74	–	Industrials
Novo Nordisk AS Class B	2.47	14.21	–	Healthcare
Nestle SA	2.04	16.25	–	Consumer Defensive
Lvmh Moet Hennessy Louis Vuitton SE	1.98	18.24	–	Consumer Cyclical
NatWest Group PLC	1.71	19.95	–	Financial Services
Aon PLC Class A	1.65	21.60	24.32	Financial Services
ASML Holding NV	1.65	23.24	–	Technology

Total Holdings 117

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral

## VFIAX

**Morningstar Category**

**Morningstar Index**

S&amp;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 7.09 years.

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

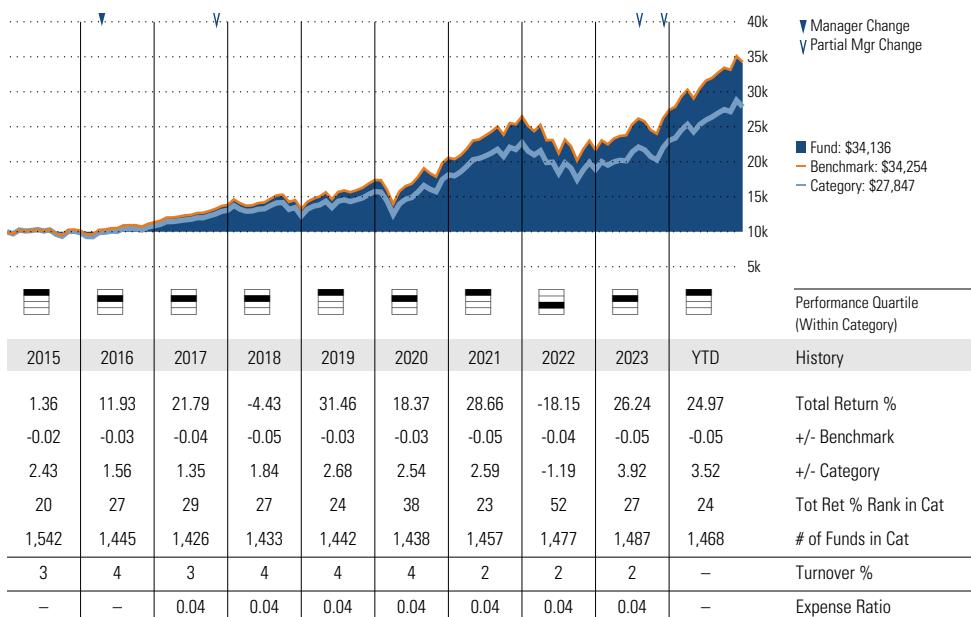
✓ **Net Expense:** The fund's expense ratio of 0.04 is 94.52% lower than the Large Blend category average.

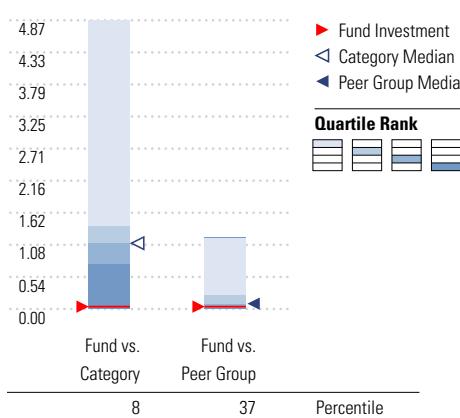
**Morningstar Investment Management LLC Analysis**

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

**ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

**Growth of \$10,000**

**Trailing Performance**

**Net Expense**


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

**3-Year Risk Metrics**

	Fund	Bmark	Cat
Alpha	-0.04	—	-1.12
Beta	1.00	—	0.95
R-Squared	100.00	—	94.60
Standard Deviation	17.40	17.40	16.91
Sharpe Ratio	0.34	0.34	0.25
Tracking Error	0.00	—	3.56
Information Ratio	-10.73	—	-1.26
Up Capture Ratio	99.91	—	92.39
Down Capture Ratio	100.07	—	96.94

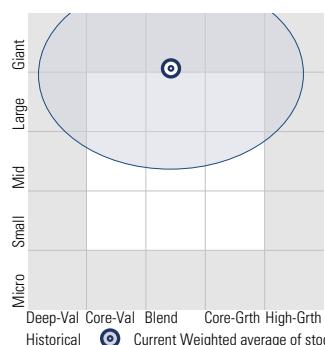
**Portfolio Metrics**

	Fund	Bmark	Cat
Price/Earnings Ratio	27.14	27.14	27.37
Price/Book Ratio	4.77	4.77	4.95
Geom Avg Mkt Cap \$B	362.38	362.17	383.78
ROE	33.89	33.88	32.35

# Vanguard 500 Index Admiral VFIAX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Style Breakdown

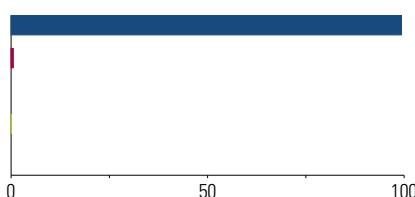
Equity

	Large	Mid	Small
Value	21	43	17
Blend	6	9	4
Growth	0	0	0

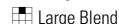
Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2024



Morningstar Category



Morningstar Index

S&amp;P 500 TR USD

Asset Class

Net %

Cat%

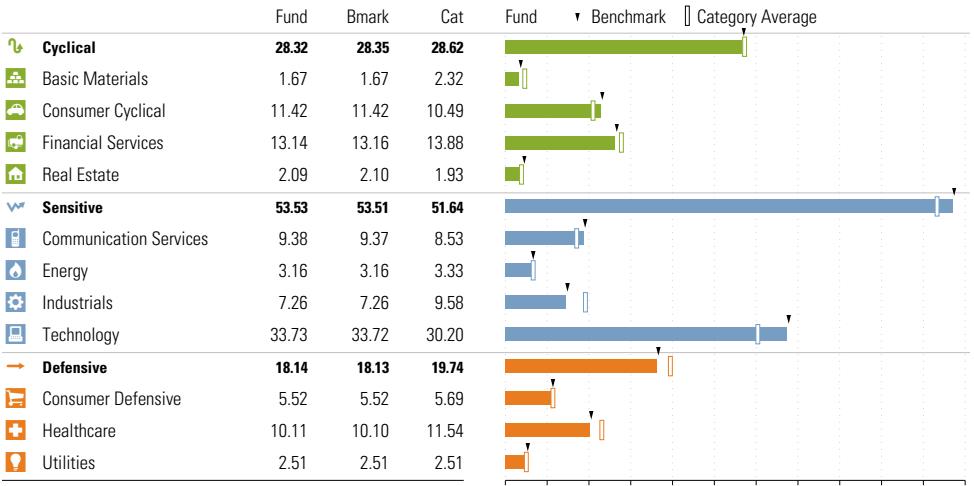
US Stocks	99.34	96.07
Non-US Stocks	0.56	2.24
Bonds	0.00	-0.68
Cash	0.10	1.42
Other	0.00	0.95

Total

100.00

100.00

## Sector Weighting as of 12-31-2024



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.60	7.60	30.58	Technology
⊕ NVIDIA Corp	6.61	14.21	171.24	Technology
⊕ Microsoft Corp	6.29	20.49	12.91	Technology
⊕ Amazon.com Inc	4.12	24.61	44.39	Consumer Cyclical
⊕ Meta Platforms Inc Class A	2.56	27.17	–	Communication Svc
⊕ Tesla Inc	2.26	29.44	–	Consumer Cyclical
⊕ Alphabet Inc Class A	2.22	31.66	35.94	Communication Svc
⊕ Broadcom Inc	2.17	33.83	–	Technology
⊖ Alphabet Inc Class C	1.82	35.65	35.56	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.67	37.32	27.09	Financial Services
⊖ JPMorgan Chase & Co	1.35	38.67	43.63	Financial Services
⊕ Eli Lilly and Co	1.22	39.89	33.33	Healthcare
⊕ Visa Inc Class A	1.09	40.98	–	Financial Services
⊖ Exxon Mobil Corp	0.95	41.93	11.43	Energy
⊕ UnitedHealth Group Inc	0.93	42.86	-2.36	Healthcare

**Total Holdings 507**

⊕ Increase ⊖ Decrease ✶ New to Portfolio

# Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category  
Foreign Large BlendMorningstar 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 11.86 years.

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

✓ **Net Expense:** The fund's expense ratio of 0.08 is 90.24% lower than the Foreign Large Blend category average.

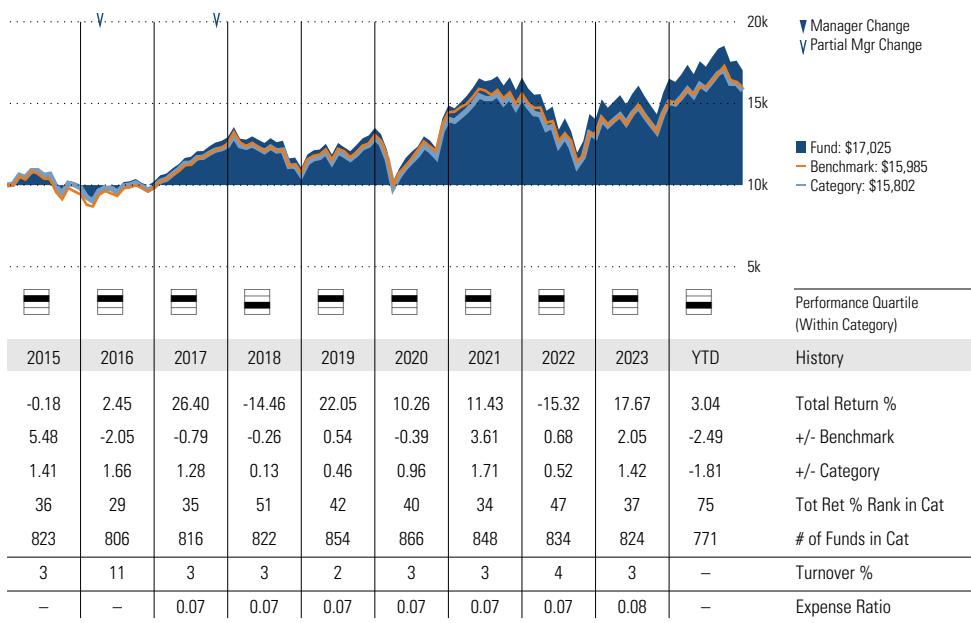
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

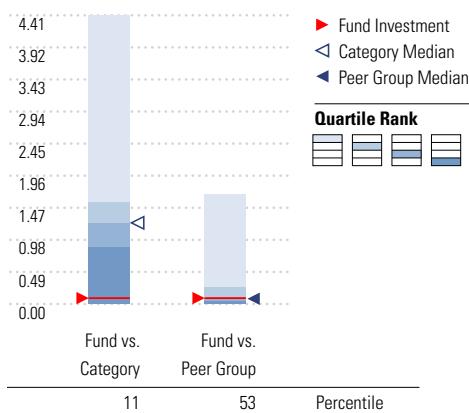
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.17	—	-0.18
Beta	1.09	—	1.02
R-Squared	95.94	—	92.81
Standard Deviation	18.00	16.25	17.28
Sharpe Ratio	-0.10	-0.13	-0.13
Tracking Error	3.88	—	4.64
Information Ratio	0.02	—	-0.05
Up Capture Ratio	114.77	—	105.80
Down Capture Ratio	114.40	—	107.10

## Portfolio Metrics

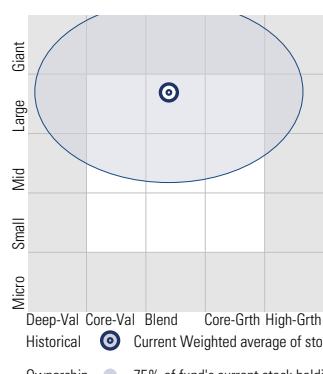
	Fund	Bmark	Cat
Price/Earnings Ratio	15.63	15.67	15.97
Price/Book Ratio	1.65	1.81	1.85
Geom Avg Mkt Cap \$B	32.20	50.11	58.43
ROE	15.42	16.85	17.76

# Vanguard Developed Markets Index Admiral VTMGX

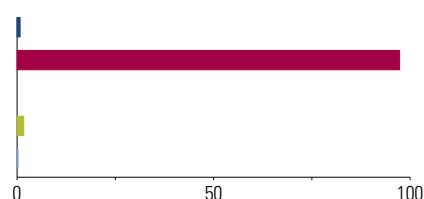
Morningstar Category  
Foreign Large BlendMorningstar Index  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

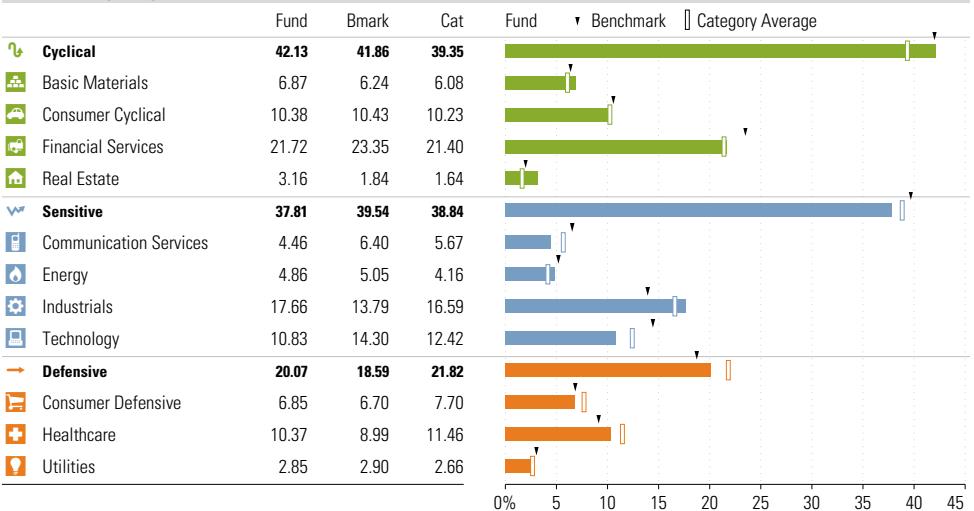


## Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	0.76	3.62
Non-US Stocks	97.33	93.59
Bonds	0.00	-1.99
Cash	1.69	5.38
Other	0.23	-0.58
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



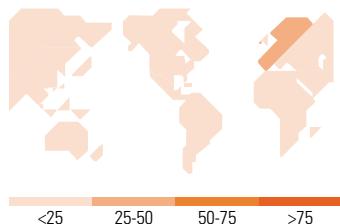
## Style Breakdown

Equity

	Large	Mid	Small
Value	25	30	22
Blend	6	8	5
Growth	2	2	1

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

## World Regions % Equity 12-31-2024



	Fund %	Cat %		Fund %	Cat %		Fund %	Cat %		Market Maturity	Fund %
Greater Asia	35.62	35.85	Americas	11.37	8.91	Greater Europe	53.00	55.25			
Japan	22.05	18.99	North America	11.34	7.91	United Kingdom	12.26	13.63	Developed Markets	99.40	
Australasia	6.86	4.85	Central/Latin	0.03	1.00	W euro-ex UK	39.59	40.55	Emerging Markets	0.60	
Asia-4 Tigers	6.52	6.66				Emrgng Europe	0.38	0.09	Not Available	0.00	
Asia-ex 4 Tigers	0.19	5.35				Africa	0.77	0.98			
Not Classified	0.00	0.00									

## Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slbbh1142	1.25	1.25	—	—
⊕ ASML Holding NV	1.24	2.49	—	Technology
⊕ SAP SE	1.21	3.70	—	Technology
⊕ Novo Nordisk AS Class B	1.19	4.89	—	Healthcare
⊖ Toyota Motor Corp	1.01	5.90	—	Consumer Cyclical
⊕ Nestle SA	0.95	6.85	—	Consumer Defensive
⊕ AstraZeneca PLC	0.88	7.73	—	Healthcare
⊖ Novartis AG Registered Shares	0.87	8.60	—	Healthcare
⊕ Roche Holding AG	0.87	9.46	—	Healthcare
⊖ Shell PLC	0.87	10.33	—	Energy

Total Holdings 3925

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Inter-Term Bond Index Adm VBILX

Morningstar Category  
Intermediate Core Bond

Morningstar Index  
Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

Joshua Barrickman since 04-2008

## Quantitative Screens

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

✓ **Management:** The fund's management has been in place for 16.7 years.

Style Consistency is not calculated for Fixed Income funds.

✓ **Net Expense:** The fund's expense ratio of 0.07 is 86.27% lower than the Intermediate Core Bond category average.

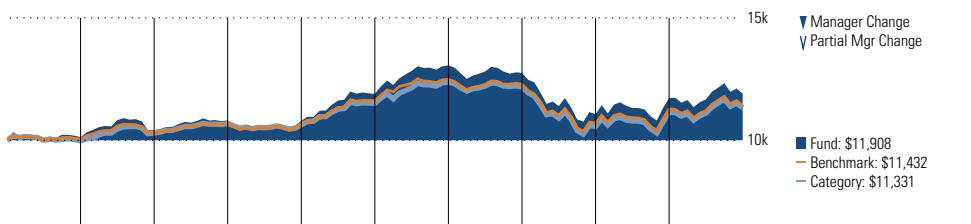
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000

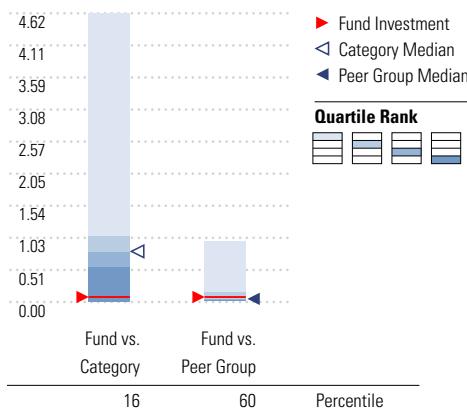


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
1.27	2.83	3.85	-0.17	10.18	9.79	-2.36	-13.27	6.07	1.51	Total Return %
0.72	0.18	0.31	-0.18	1.46	2.28	-0.82	-0.26	0.54	0.26	+/- Benchmark
1.53	-0.40	0.14	0.33	2.12	2.27	-0.88	0.05	0.48	-0.17	+/- Category
8	54	45	36	2	6	94	46	31	53	Tot Ret % Rank in Cat
523	484	492	484	494	495	506	524	544	542	# of Funds in Cat
51	57	55	53	50	55	46	46	63	—	Turnover %
—	—	0.07	0.07	0.07	0.07	0.07	0.07	0.07	—	Expense Ratio

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.31	—	-0.01
Beta	1.06	—	0.98
R-Squared	98.97	—	98.24
Standard Deviation	8.31	7.83	7.75
Sharpe Ratio	-0.75	-0.82	-0.83
Tracking Error	0.95	—	0.96
Information Ratio	0.16	—	-0.14
Up Capture Ratio	107.72	—	97.64
Down Capture Ratio	104.88	—	97.81

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.12	4.43	5.86
Avg Eff Maturity	7.20	—	8.60

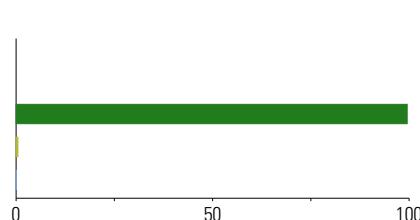
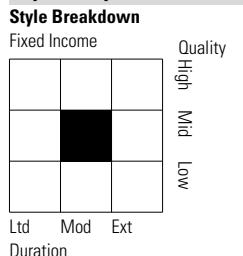
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

# Vanguard Interm-Term Bond Index Adm VBLIX

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

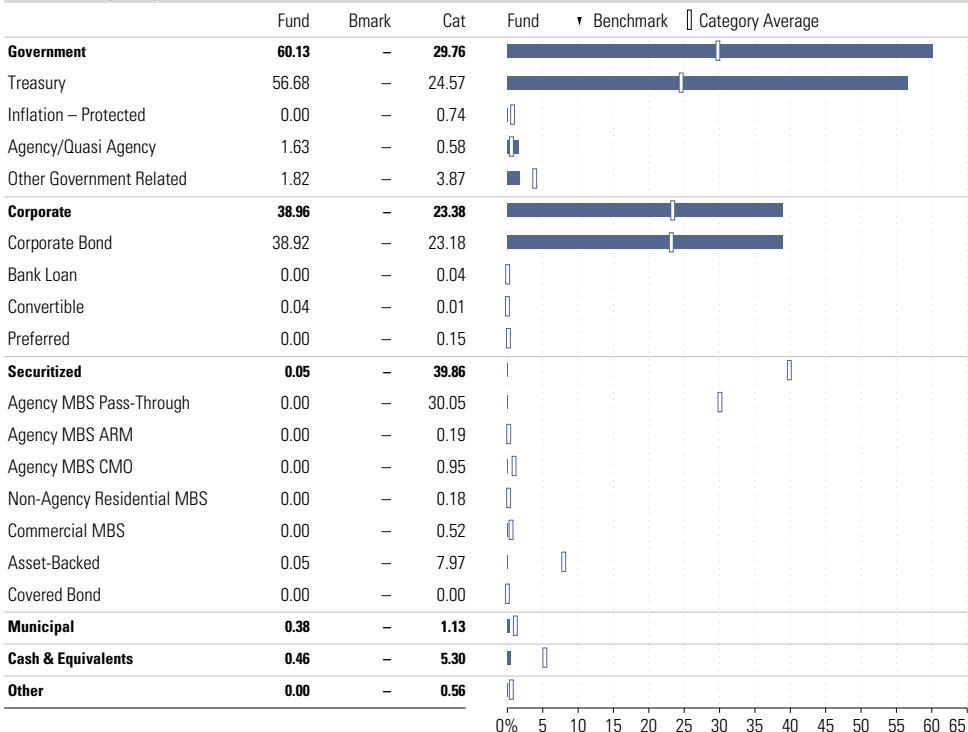
## Style Analysis as of 12-31-2024

## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	57.93	3.53	19.99
AA	2.64	74.59	46.54
A	17.56	10.82	20.32
BBB	21.86	8.32	11.86
BB	0.00	0.28	0.56
B	0.00	0.00	0.28
Below B	0.00	0.00	0.10
Not Rated	0.01	2.46	0.36



0% 5 10 15 20 25 30 35 40 45 50 55 60 65

## Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	—	2.29	2.29	—
⊕ United States Treasury Notes	—	2.29	4.58	—
⊕ United States Treasury Notes	—	2.27	6.85	—
⊕ United States Treasury Notes	—	2.15	8.99	—
⊕ United States Treasury Notes	—	2.07	11.07	—
⊕ United States Treasury Notes	—	1.93	13.00	—
⊕ United States Treasury Notes	—	1.93	14.92	—
⊕ United States Treasury Notes	—	1.91	16.83	—
⊕ United States Treasury Notes	—	1.86	18.69	—
⊕ United States Treasury Notes	—	1.84	20.53	—

**Total Holdings 2290**

⊕ Increase ⊖ Decrease \*\* New to Portfolio

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category  
Moderately Conservative  
Allocation

Morningstar Index  
Morningstar US Mod 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 Moderately Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.

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

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

✓ **Net Expense:** The fund's expense ratio of 0.12 is 87.37% lower than the Moderately Conservative Allocation category average.

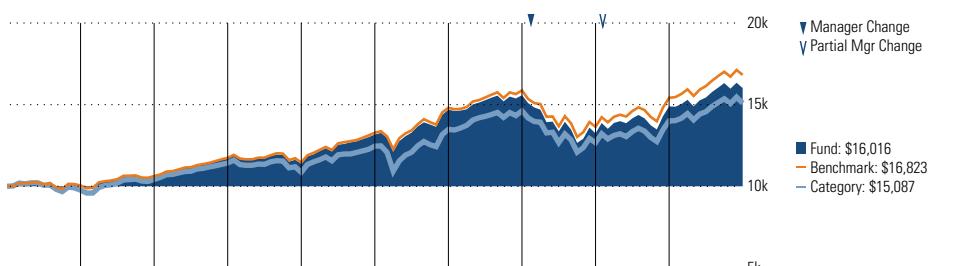
## Morningstar Investment Management LLC Analysis

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	11-30-2024
ESG Commitment	1-Low	07-19-2023

## Growth of \$10,000

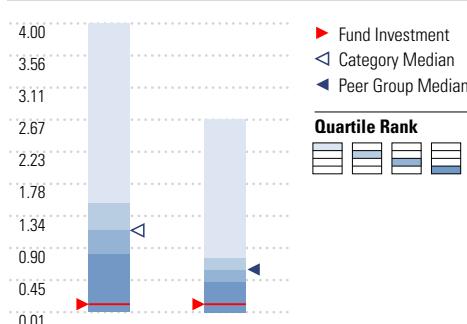


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-0.17	5.96	10.92	-2.95	15.68	11.51	6.05	-14.99	12.48	7.54	Total Return %
-0.62	0.19	0.41	-0.54	-0.21	0.00	-1.14	-0.93	-0.56	-1.57	+/- Benchmark
2.15	-0.66	1.06	2.09	0.87	2.65	-2.19	-1.68	2.05	-0.34	+/- Category
12	54	30	14	36	27	85	78	11	48	Tot Ret % Rank in Cat
564	539	521	535	520	487	493	492	489	458	# of Funds in Cat
16	9	6	11	9	23	5	21	4	5	Turnover %
—	—	—	—	—	—	—	—	—	—	Expense Ratio

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.06	—	-0.78
Beta	1.03	—	0.97
R-Squared	99.44	—	94.55
Standard Deviation	10.49	10.14	10.12
Sharpe Ratio	-0.26	-0.17	-0.26
Tracking Error	0.85	—	2.33
Information Ratio	-1.22	—	-0.57
Up Capture Ratio	100.03	—	95.12
Down Capture Ratio	107.27	—	100.65

Fund vs. Category	Fund vs. Peer Group	Percentile
1	3	Rank
5/461	12/403	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.

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.41	22.31	22.14
Price/Book Ratio	2.64	3.10	3.16
Avg Eff Duration	6.31	5.94	4.94

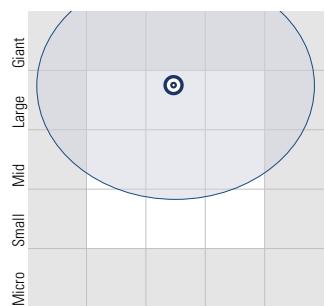
# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

**Morningstar Category**  
Moderately Conservative  
Allocation

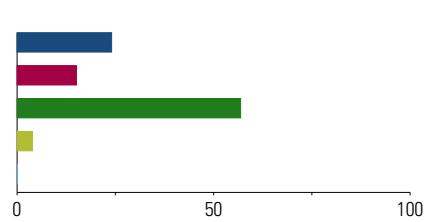
**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



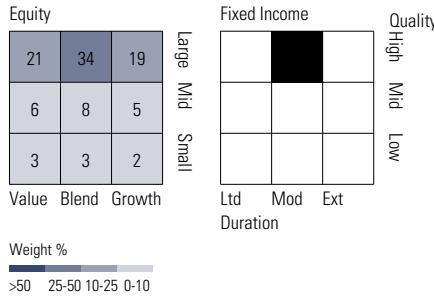
## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>34.67</b>	<b>32.94</b>	<b>32.62</b>			
Basic Materials	4.02	3.31	3.22			
Consumer Cyclical	10.85	11.38	9.35			
Financial Services	16.88	15.65	15.07			
Real Estate	2.92	2.60	4.98			
<b>Sensitive</b>	<b>46.68</b>	<b>48.88</b>	<b>45.59</b>			
Communication Services	7.24	7.94	6.83			
Energy	4.09	3.67	4.93			
Industrials	11.41	10.59	10.64			
Technology	23.94	26.68	23.19			
<b>Defensive</b>	<b>18.65</b>	<b>18.18</b>	<b>21.79</b>			
Consumer Defensive	5.78	5.71	6.44			
Healthcare	10.13	9.89	11.51			
Utilities	2.74	2.58	3.84			

## Style Breakdown



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Inv	–	41.37	41.37	–	–
⊖ Vanguard Total Stock Mkt Inv	–	24.17	65.54	–	–
⊕ Vanguard Total Intl Bd II Inv	–	18.38	83.92	–	–
⊖ Vanguard Total Intl Stock Index Inv	–	15.44	99.36	–	–
⊖ Mktliq 12/31/2049	–	0.66	100.02	–	–
⊕ Us Dollar	–	0.02	100.04	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease \*\* New to Portfolio

# Vanguard LifeStrategy Growth Inv VASGX

## Portfolio Manager(s)

Walter Nejman since 02-2022

Aurélie Denis since 02-2023

Michael Roach since 02-2023

Roger Aliaga-Diaz since 02-2023

## Quantitative Screens

✓ **Performance:** The fund has finished in the Moderately Aggressive Allocation category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

✓ **Net Expense:** The fund's expense ratio of 0.14 is 85.86% lower than the Moderately Aggressive Allocation category average.

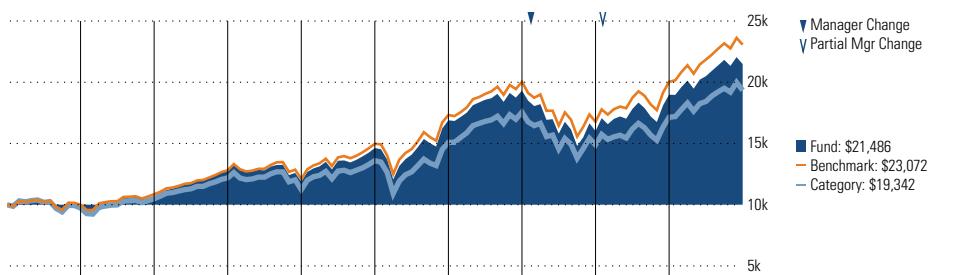
## Morningstar Investment Management LLC Analysis

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	11-30-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000

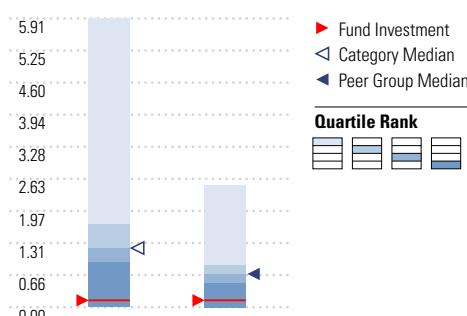


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-1.17	8.33	19.21	-6.90	23.13	15.45	14.35	-17.09	18.55	13.18	Total Return %
-1.14	-0.23	1.18	-1.37	-0.54	-0.33	-1.30	-0.78	-0.91	-1.97	+/- Benchmark
1.60	0.40	3.41	1.03	1.78	1.94	-2.15	-2.13	3.19	0.21	+/- Category
30	34	20	34	32	27	70	63	22	40	Tot Ret % Rank in Cat
416	369	343	347	337	325	332	329	325	306	# of Funds in Cat
13	5	6	10	6	13	4	8	3	5	Turnover %
—	—	—	—	—	—	—	—	—	—	Expense Ratio

## Trailing Performance



## Net Expense



## Morningstar Category

Moderately Aggressive Allocation

## Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.25	—	-1.28
Beta	1.03	—	0.98
R-Squared	99.28	—	94.04
Standard Deviation	14.58	14.13	14.40
Sharpe Ratio	0.03	0.11	0.01
Tracking Error	1.30	—	3.10
Information Ratio	-0.92	—	-0.69
Up Capture Ratio	100.18	—	96.31
Down Capture Ratio	106.30	—	103.02

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	22.29	22.44
Price/Book Ratio	2.65	3.11	3.16
Avg Eff Duration	6.32	5.94	4.63

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

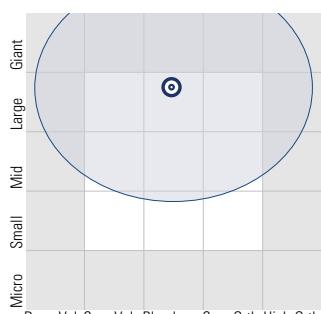
# Vanguard LifeStrategy Growth Inv VASGX

**Morningstar Category**  
Moderately Aggressive  
Allocation

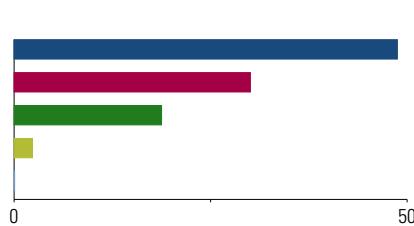
**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024

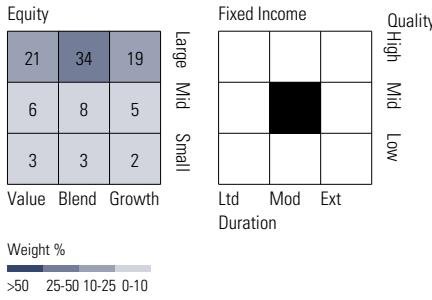


Asset Class	Net %	Cat%
US Stocks	48.76	59.67
Non-US Stocks	30.06	17.60
Bonds	18.76	15.00
Cash	2.34	2.30
Other	0.07	5.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>34.60</b>	<b>32.88</b>	<b>32.34</b>			
Basic Materials	3.99	3.29	3.48			
Consumer Cyclical	10.85	11.40	10.41			
Financial Services	16.85	15.60	15.15			
Real Estate	2.91	2.59	3.30			
<b>Sensitive</b>	<b>46.77</b>	<b>49.05</b>	<b>47.51</b>			
Communication Services	7.26	8.01	7.51			
Energy	4.08	3.64	4.33			
Industrials	11.39	10.44	11.65			
Technology	24.04	26.96	24.02			
<b>Defensive</b>	<b>18.63</b>	<b>18.06</b>	<b>20.16</b>			
Consumer Defensive	5.78	5.68	5.84			
Healthcare	10.13	9.80	11.52			
Utilities	2.72	2.58	2.80			

## Style Breakdown



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
(+) Vanguard Total Stock Mkt Idx Inv	—	49.01	49.01	—	—
(+) Vanguard Total Intl Stock Index Inv	—	30.73	79.74	—	—
(+) Vanguard Total Bond Market II Idx Inv	—	13.75	93.49	—	—
(+) Vanguard Total Intl Bd II Idx Investor	—	5.96	99.45	—	—
(+) Mktliq 12/31/2049	—	0.55	100.01	—	—
(+) Us Dollar	—	0.01	100.02	—	—

## Total Holdings 6

(+) Increase (⊖) Decrease (\*\*) New to Portfolio

# 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.

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

✓ **Net Expense:** The fund's expense ratio of 0.11 is 89.52% lower than the Conservative Allocation category average.

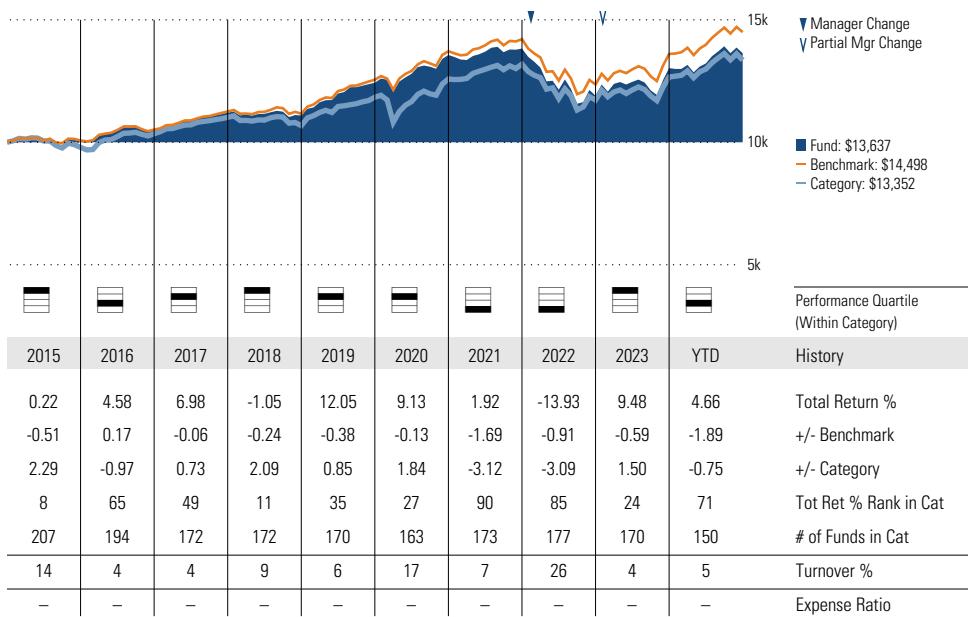
## Morningstar Investment Management LLC Analysis

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	11-30-2024
ESG Commitment	1-Low	07-19-2023

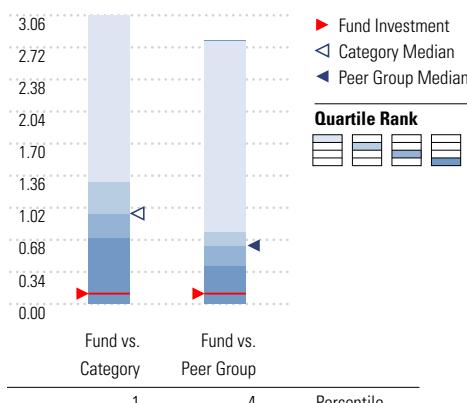
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.13	—	-0.38
Beta	1.03	—	0.97
R-Squared	99.16	—	94.27
Standard Deviation	8.64	8.37	8.39
Sharpe Ratio	-0.51	-0.39	-0.44
Tracking Error	0.82	—	2.12
Information Ratio	-1.37	—	-0.34
Up Capture Ratio	97.35	—	96.59
Down Capture Ratio	106.73	—	99.94

## Portfolio Metrics

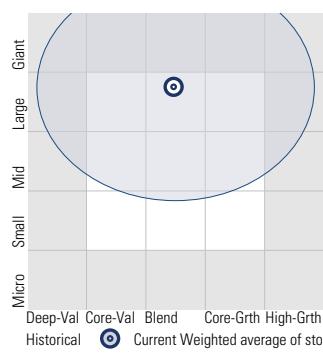
	Fund	Bmark	Cat
Price/Earnings Ratio	20.26	22.95	23.13
Price/Book Ratio	2.61	3.29	3.33
Avg Eff Duration	6.30	5.94	4.03

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

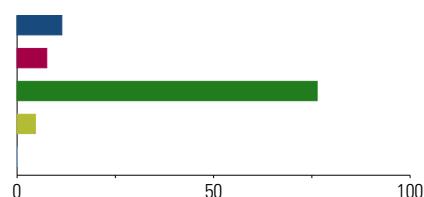
# Vanguard LifeStrategy Income Inv VASIX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



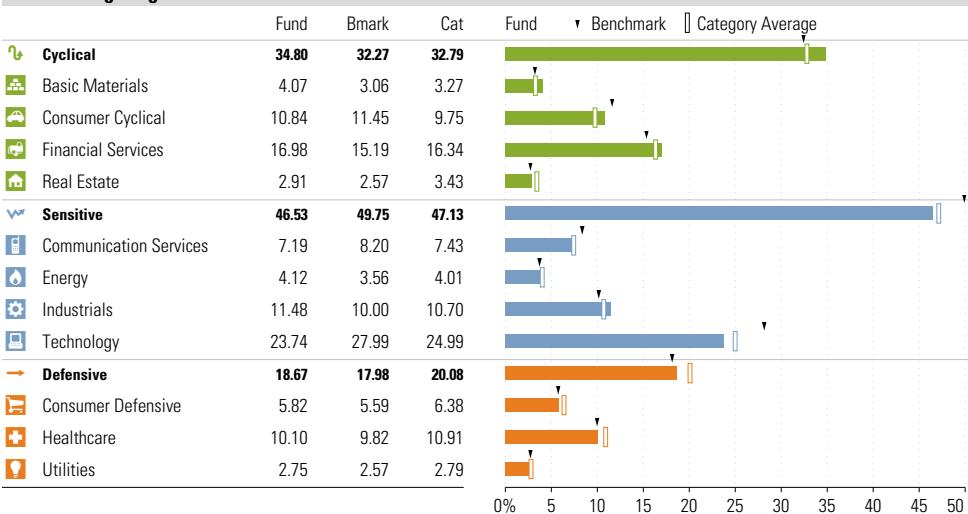
Morningstar Category

Conservative Allocation

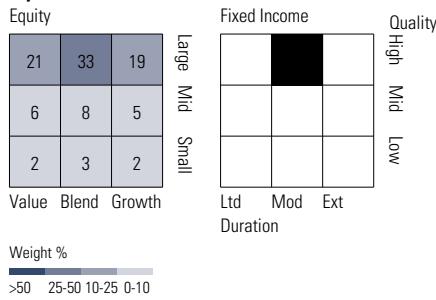
Morningstar Index

Morningstar US Con Tgt Alloc NR USD

## Sector Weighting as of 12-31-2024



## Style Breakdown



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

## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Inv	–	56.07	56.07	–	–
⊕ Vanguard Total Intl Bd II Inv Investor	–	24.14	80.21	–	–
⊖ Vanguard Total Stock Mkt Inv	–	11.44	91.65	–	–
⊖ Vanguard Total Intl Stock Index Inv	–	7.72	99.37	–	–
⊖ Mktliq 12/31/2049	–	0.64	100.01	–	–
⊕ Us Dollar	–	0.01	100.02	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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.
- ✓ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- ✓ **Net Expense:** The fund's expense ratio of 0.13 is 87.13% lower than the Moderate Allocation category average.

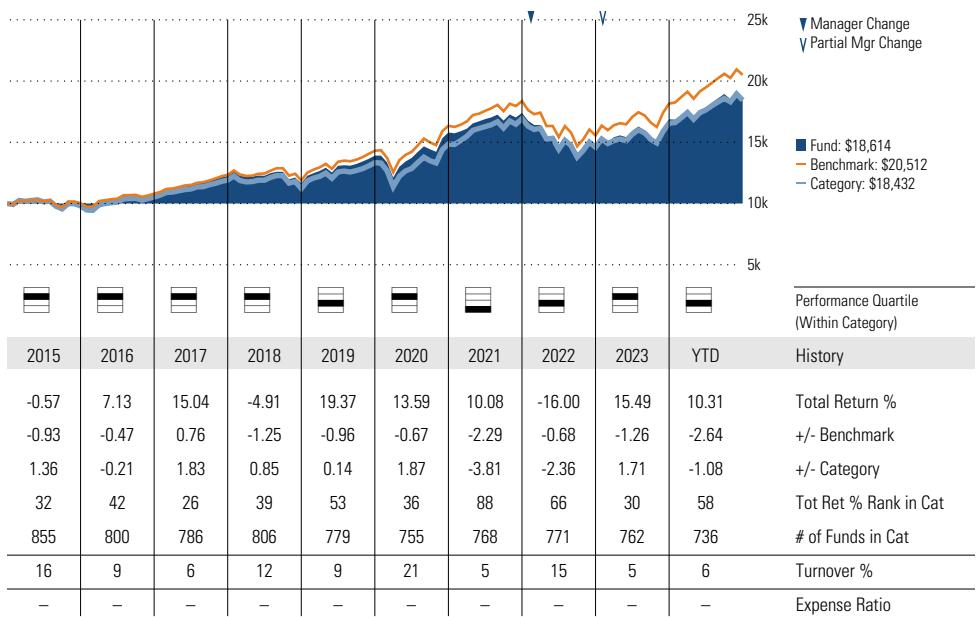
## Morningstar Investment Management LLC Analysis

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	11-30-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

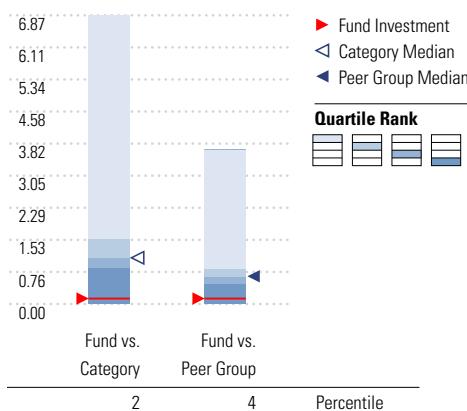
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.44	—	-0.80
Beta	1.01	—	0.97
R-Squared	98.89	—	94.01
Standard Deviation	12.51	12.33	12.37
Sharpe Ratio	-0.09	0.02	-0.06
Tracking Error	1.32	—	2.81
Information Ratio	-1.10	—	-0.49
Up Capture Ratio	97.05	—	95.93
Down Capture Ratio	105.06	—	100.83

## Portfolio Metrics

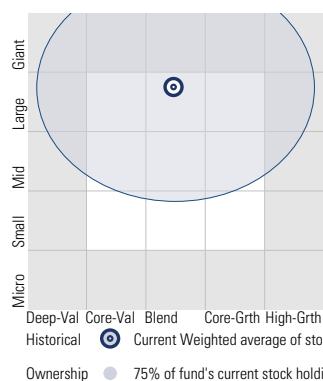
	Fund	Bmark	Cat
Price/Earnings Ratio	20.47	23.29	23.65
Price/Book Ratio	2.66	3.38	3.49
Avg Eff Duration	6.33	5.94	4.87

# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

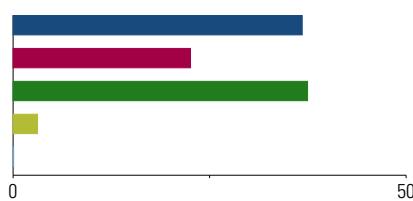
Morningstar Category  
Moderate AllocationMorningstar Index  
Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 12-31-2024

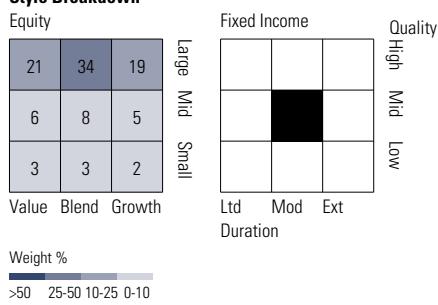
Morningstar Style Box™



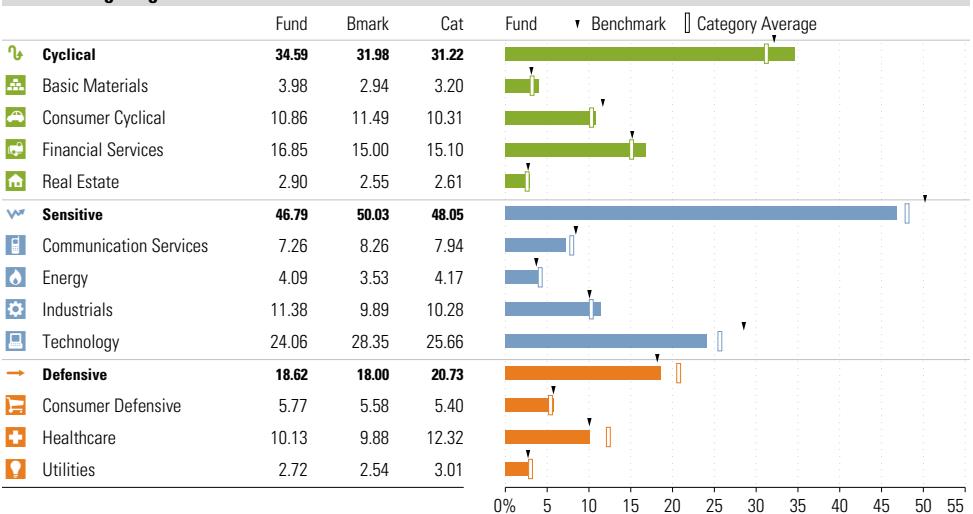
## Asset Allocation as of 12-31-2024



## Style Breakdown



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	–	36.97	36.97	–	–
⊕ Vanguard Total Bond Market II Idx Inv	–	27.21	64.18	–	–
⊖ Vanguard Total Intl Stock Index Inv	–	23.07	87.25	–	–
⊕ Vanguard Total Intl Bd II Idx Investor	–	12.14	99.39	–	–
⊕ Mktliq 12/31/2049	–	0.61	100.00	–	–
⊖ Us Dollar	–	0.00	100.00	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid Cap Index Admiral VIMAX

## Portfolio Manager(s)

Aurélie Denis since 02-2023

Aaron Choi since 08-2023

## Quantitative Screens

✓ **Performance:** The fund has finished in the Mid-Cap Blend 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 Blend — 100 % of the time over the past three years.

✓ **Net Expense:** The fund's expense ratio of 0.05 is 93.83% lower than the Mid-Cap Blend category average.

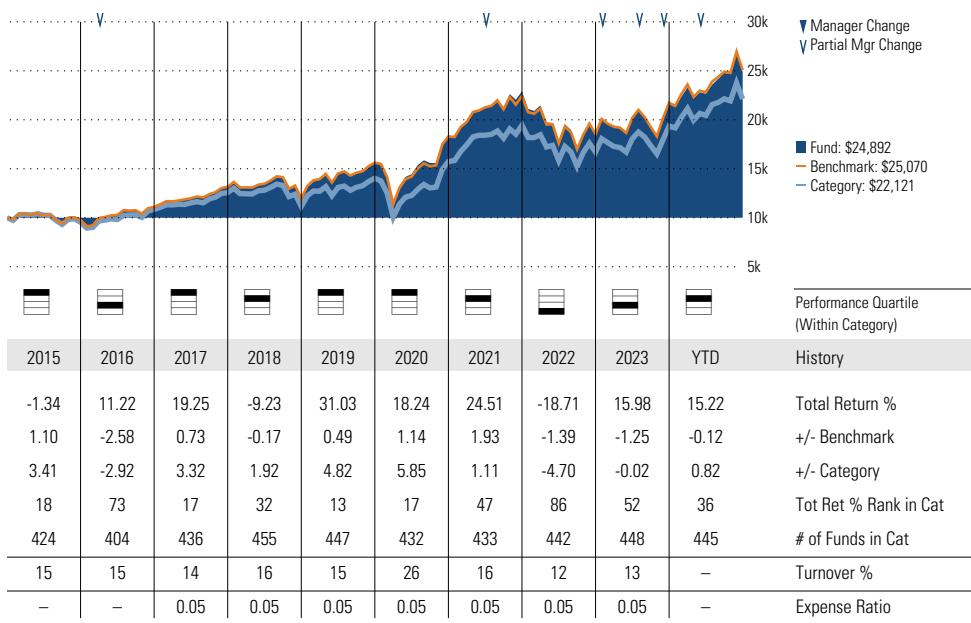
## Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen due to the retirement of a long-serving manager. Since this is a team-managed index fund, we are not concerned about the change.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

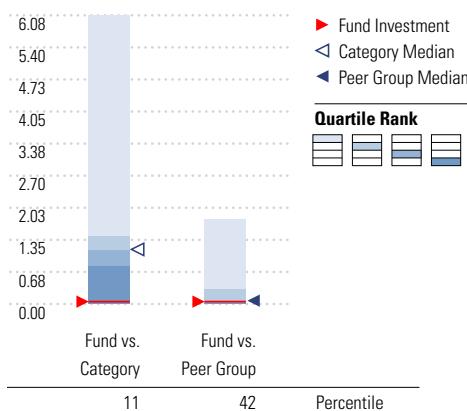
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## Morningstar Category

Mid-Cap Blend

## Morningstar Index

Russell Mid Cap TR USD

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.91	—	0.07
Beta	0.98	—	0.97
R-Squared	99.67	—	94.51
Standard Deviation	19.85	20.25	20.10
Sharpe Ratio	0.02	0.08	0.07
Tracking Error	1.22	—	4.73
Information Ratio	-0.81	—	-0.11
Up Capture Ratio	96.45	—	96.47
Down Capture Ratio	99.59	—	96.55

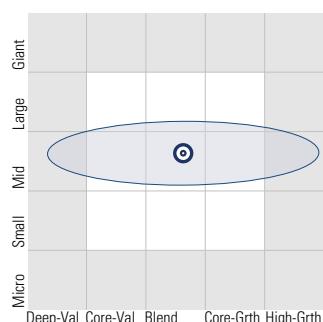
## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.59	21.22	20.23
Price/Book Ratio	3.12	2.85	3.07
Geom Avg Mkt Cap \$B	34.27	22.04	14.13
ROE	20.11	18.64	22.37

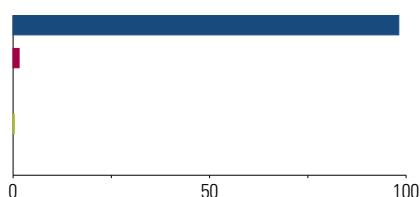
# Vanguard Mid Cap Index Admiral VIMAX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



Morningstar Category

Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

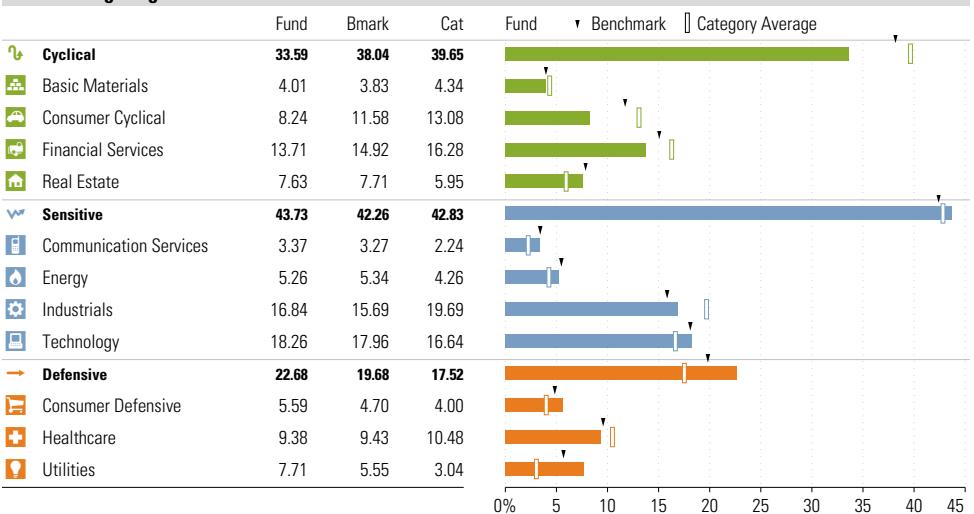
Asset Class

Net %

Cat%

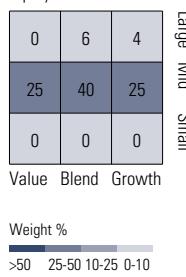
US Stocks	98.14	93.35
Non-US Stocks	1.53	3.25
Bonds	0.00	-0.05
Cash	0.33	1.03
Other	0.00	2.42
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown

Equity



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	1.02	1.02	41.23	Technology
⊕ Welltower Inc	0.95	1.97	42.61	Real Estate
⊖ Palantir Technologies Inc Ordinary Shares - Class A	0.94	2.91	–	Technology
⊕ Motorola Solutions Inc	0.94	3.85	48.92	Technology
⊕ Arthur J. Gallagher & Co	0.86	4.71	27.29	Financial Services
⊕ Constellation Energy Corp	0.86	5.56	–	Utilities
⊕ TransDigm Group Inc	0.82	6.39	32.69	Industrials
⊕ Digital Realty Trust Inc	0.71	7.10	35.39	Real Estate
⊕ ONEOK Inc	0.71	7.81	48.62	Energy
⊕ Carrier Global Corp Ordinary Shares	0.71	8.52	–	Industrials
⊕ Royal Caribbean Group	0.68	9.20	78.89	Consumer Cyclical
⊕ DoorDash Inc Ordinary Shares - Class A	0.67	9.86	–	Communication Svc
⊕ PACCAR Inc	0.66	10.53	10.79	Industrials
⊖ Ameriprise Financial Inc	0.63	11.15	41.70	Financial Services
⊕ Allstate Corp	0.62	11.77	40.36	Financial Services

**Total Holdings 319**

⊕ Increase ⊖ Decrease ✶ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

Morningstar Category  
Real Estate

Morningstar Index  
S&P United States REIT TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

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

✓ **Management:** The fund's management has been in place for 28.65 years.

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

✓ **Net Expense:** The fund's expense ratio of 0.13 is 88.39% lower than the Real Estate category average.

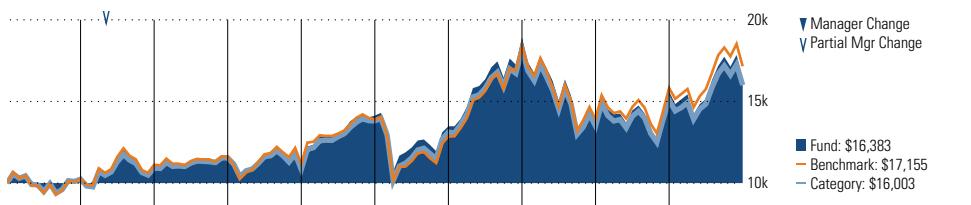
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000

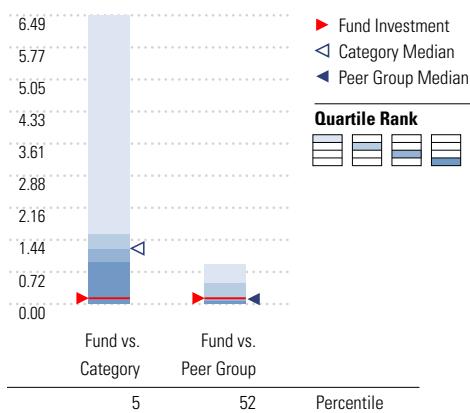


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
2.39	8.50	4.94	-5.95	28.94	-4.65	40.40	-26.20	11.81	4.92	Total Return %
-0.15	0.01	0.61	-2.16	4.49	2.87	-2.65	-1.84	-1.96	-3.52	+/- Benchmark
-0.02	1.61	-1.28	0.02	1.66	-0.16	1.67	-0.53	-0.22	-0.98	+/- Category
64	18	57	58	29	44	59	61	52	66	Tot Ret % Rank in Cat
290	266	255	252	266	254	259	257	251	229	# of Funds in Cat
8	11	7	6	24	6	8	7	7	9	Turnover %
—	—	0.12	0.12	0.11	0.12	0.12	0.12	0.12	0.12	Expense Ratio

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.33	—	-2.02
Beta	1.03	—	0.97
R-Squared	98.65	—	94.85
Standard Deviation	21.84	21.09	20.99
Sharpe Ratio	-0.31	-0.21	-0.31
Tracking Error	2.60	—	4.05
Information Ratio	-0.93	—	-0.64
Up Capture Ratio	98.38	—	93.34
Down Capture Ratio	105.82	—	99.92

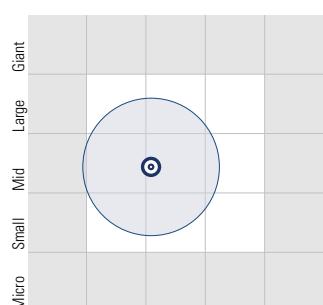
## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	33.21	38.46	33.53
Price/Book Ratio	2.39	2.42	2.85
Geom Avg Mkt Cap \$B	24.70	9.35	35.92
ROE	12.79	9.56	20.02

# Vanguard Real Estate Index Admiral VGSLX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



Deep-Val Core-Val Blend Core-Grth High-Grth  
Historical ⬤ Current Weighted average of stock holdings

Ownership ● 75% of fund's current stock holdings

## Style Breakdown

Equity

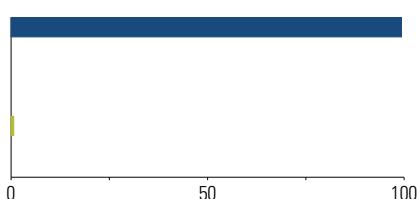
	Large	Mid	Small
13	11	0	
12	44	0	
6	12	2	

Value Blend Growth

Weight %

&gt;50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2024



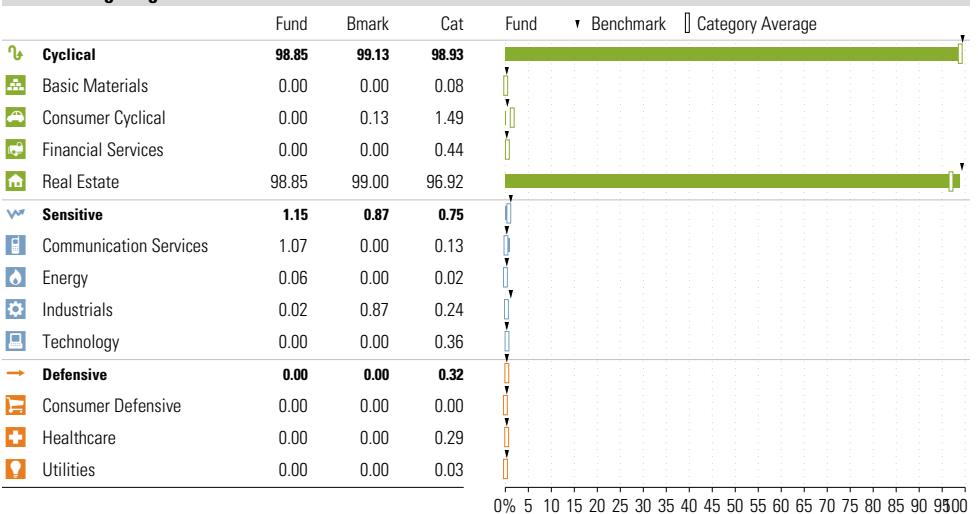
Morningstar Category  
Real Estate

Morningstar Index

S&amp;P United States REIT TR USD

Asset Class	Net %	Cat%
US Stocks	99.32	88.61
Non-US Stocks	0.00	1.09
Bonds	0.00	1.10
Cash	0.68	2.43
Other	0.00	6.77
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	13.91	13.91	—	—
⊕ Prologis Inc	5.83	19.74	-17.82	Real Estate
⊕ Equinix Inc	5.18	24.92	19.19	Real Estate
⊕ American Tower Corp	5.10	30.03	-12.04	Real Estate
⊕ Welltower Inc	4.54	34.57	42.61	Real Estate
⊕ Digital Realty Trust Inc	3.46	38.03	35.39	Real Estate
⊕ Simon Property Group Inc	3.34	41.37	26.41	Real Estate
⊕ Public Storage	2.81	44.18	2.11	Real Estate
⊕ Realty Income Corp	2.77	46.95	-1.99	Real Estate
⊕ CBRE Group Inc Class A	2.40	49.34	41.04	Real Estate
⊕ Crown Castle Inc	2.35	51.69	-15.77	Real Estate
⊕ Extra Space Storage Inc	1.89	53.58	-2.65	Real Estate
⊕ AvalonBay Communities Inc	1.86	55.44	21.12	Real Estate
⊕ Iron Mountain Inc	1.84	57.28	54.10	Real Estate
⊕ CoStar Group Inc	1.75	59.02	-18.08	Real Estate

**Total Holdings 162**

⊕ Increase ⚭ Decrease ✶ New to Portfolio

# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-2004

Nick Birkett since 02-2023

## Quantitative Screens

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

✓ **Management:** The fund's management has been in place for 20.02 years.

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

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

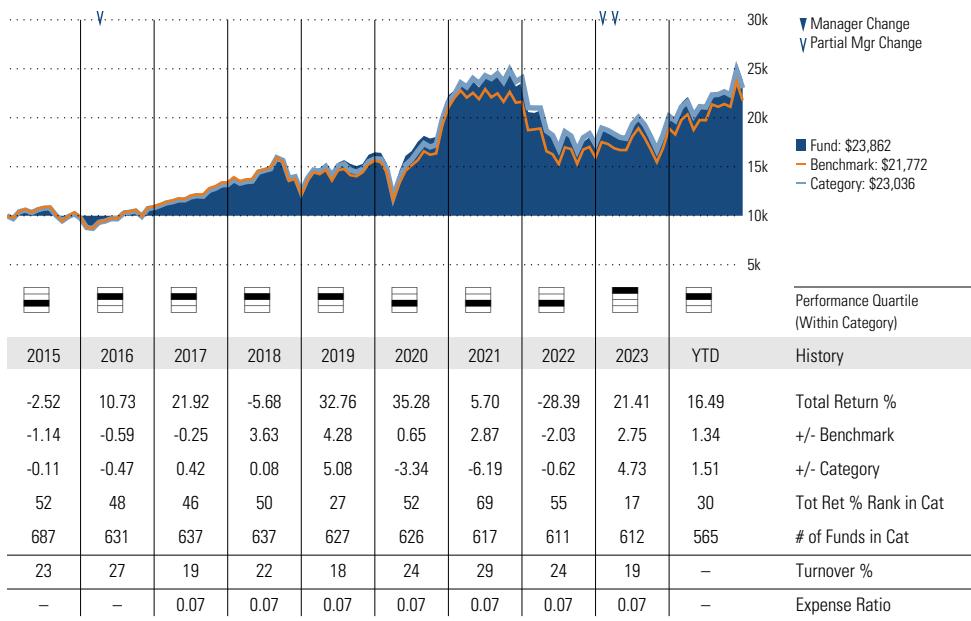
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

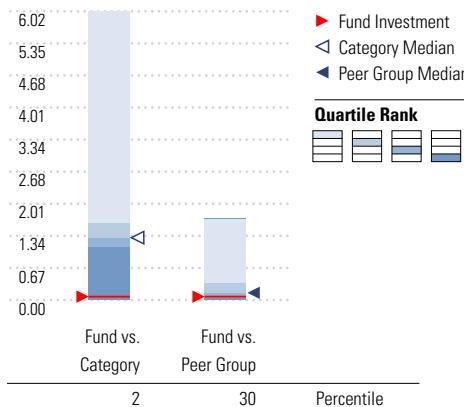
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.15	—	-1.77
Beta	0.95	—	0.91
R-Squared	97.09	—	92.67
Standard Deviation	23.47	24.33	23.20
Sharpe Ratio	-0.05	-0.05	-0.14
Tracking Error	4.18	—	6.71
Information Ratio	0.05	—	-0.25
Up Capture Ratio	95.90	—	87.49
Down Capture Ratio	95.46	—	93.28

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.75	23.14	29.25
Price/Book Ratio	4.05	4.12	3.92
Geom Avg Mkt Cap \$B	7.92	3.40	6.68
ROE	10.57	6.72	7.94

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

# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

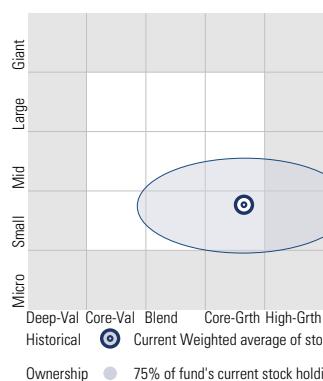


Morningstar Index

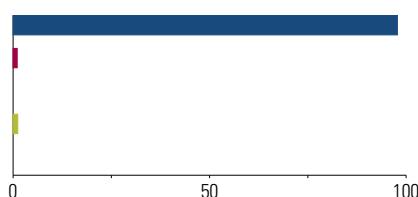
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



Asset Class

Net %

Cat%

US Stocks

97.78

93.17

Non-US Stocks

1.04

4.42

Bonds

0.00

0.01

Cash

1.18

1.42

Other

0.00

0.98

**Total****100.00****100.00**

## Sector Weighting as of 12-31-2024



## Style Breakdown

Equity

	Large	Mid	Small
Value	0	0	0
Blend	1	7	25
Growth	5	24	37

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

## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Deckers Outdoor Corp	1.16	1.16	82.30	Consumer Cyclical
⊖ Slcmt1142	1.04	2.20	—	—
⊕ PTC Inc	0.79	2.98	5.09	Technology
⊕ Natera Inc	0.74	3.73	—	Healthcare
⊕ Liberty Formula One Group Registered Shs Series -C- Formula One	0.73	4.46	—	Communication Svc
⊕ Lennox International Inc	0.73	5.19	37.17	Industrials
⊕ Pure Storage Inc Class A	0.72	5.91	—	Technology
⊕ DocuSign Inc	0.68	6.59	—	Technology
⊕ DraftKings Inc Ordinary Shares - Class A	0.65	7.24	—	Consumer Cyclical
⊕ RB Global Inc	0.62	7.86	—	Industrials
⊕ Reddit Inc Class A Shares	0.62	8.48	—	Communication Svc
⊕ Manhattan Associates Inc	0.62	9.10	25.51	Technology
⊕ Watsco Inc Ordinary Shares	0.62	9.72	13.06	Industrials
⊕ Toast Inc Class A	0.61	10.33	—	Technology
⊕ SoFi Technologies Inc Ordinary Shares	0.59	10.93	—	Financial Services

**Total Holdings 592**

⊕ Increase ⊖ Decrease ✶ New to Portfolio

# Vanguard Small Cap Value Index Admiral VSIAX

## Portfolio Manager(s)

Gerard O'Reilly since 04-2016

Nick Birkett since 02-2023

## Quantitative Screens

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

✓ **Management:** The fund's management has been in place for 8.68 years.

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

✓ **Net Expense:** The fund's expense ratio of 0.07 is 93.58% lower than the Small Value category average.

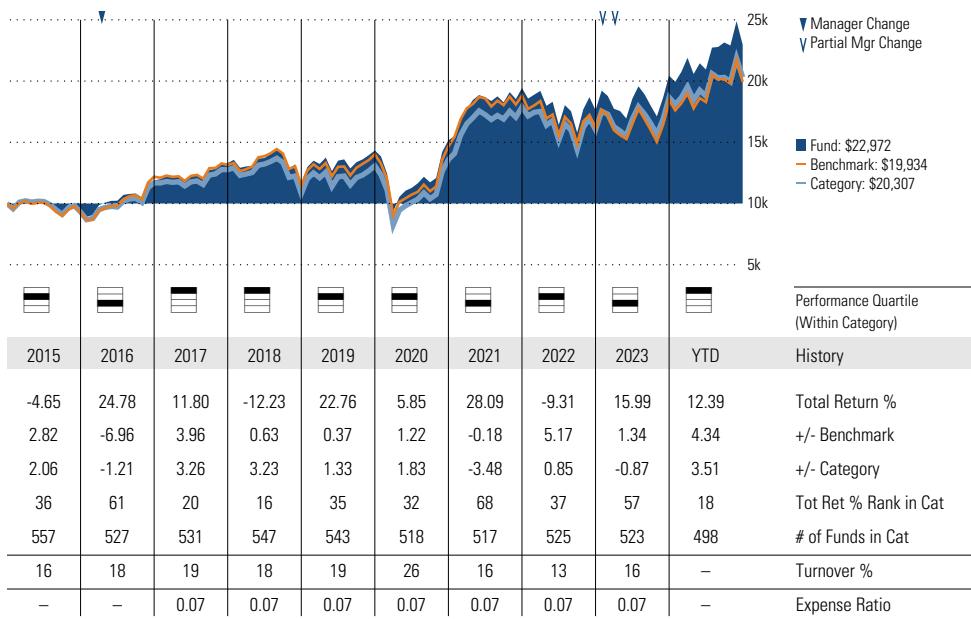
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

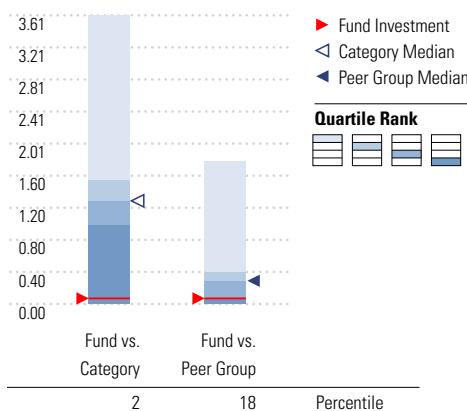
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## Morningstar Category

Small Value

## Morningstar Index

Russell 2000 Value TR USD

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.70	—	2.32
Beta	0.90	—	0.92
R-Squared	96.65	—	94.22
Standard Deviation	21.74	23.77	22.43
Sharpe Ratio	0.17	0.02	0.11
Tracking Error	4.64	—	5.63
Information Ratio	0.82	—	0.39
Up Capture Ratio	97.07	—	95.26
Down Capture Ratio	86.45	—	88.82

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.24	14.23	14.24
Price/Book Ratio	1.80	1.26	1.60
Geom Avg Mkt Cap \$B	6.78	2.12	4.89
ROE	12.86	4.28	11.63

# Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category

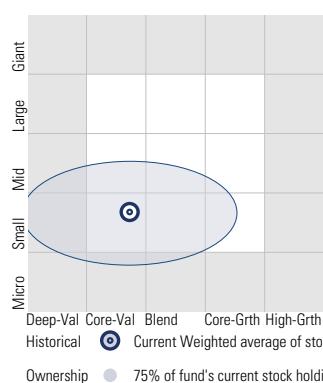


Morningstar Index

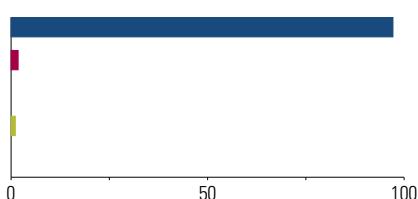
Russell 2000 Value TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



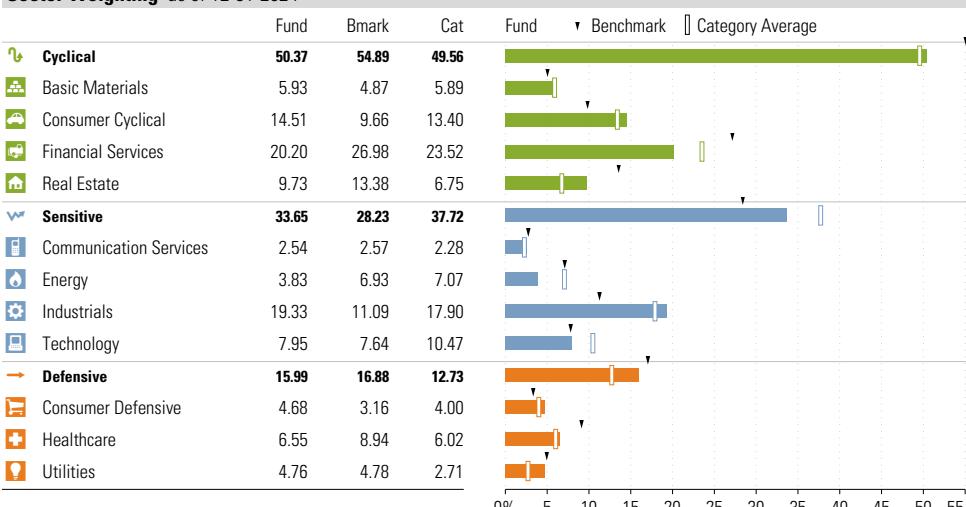
## Style Breakdown

Equity

	Large	Mid	Small
Value	0	1	0
Blend	9	14	3
Growth	37	29	6

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

## Sector Weighting as of 12-31-2024



## Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Smurfit WestRock PLC	0.81	0.81	–	Consumer Cyclical
Slcmt1142	0.77	1.57	–	–
First Citizens BancShares Inc Class A	0.63	2.21	49.40	Financial Services
Expand Energy Corp Ordinary Shares - New	0.63	2.84	32.38	Energy
EMCOR Group Inc	0.60	3.44	111.13	Industrials
Atmos Energy Corp	0.58	4.02	23.00	Utilities
NRG Energy Inc	0.53	4.54	77.66	Utilities
Williams-Sonoma Inc	0.51	5.06	85.68	Consumer Cyclical
Carlisle Companies Inc	0.48	5.54	19.24	Industrials
Pentair PLC	0.48	6.02	39.68	Industrials
Builders FirstSource Inc	0.47	6.49	-14.38	Industrials
Booz Allen Hamilton Holding Corp Class A	0.47	6.96	–	Industrials
IDEY Corp	0.46	7.42	-2.35	Industrials
RPM International Inc	0.46	7.88	11.93	Basic Materials
Kimco Realty Corp	0.45	8.33	14.50	Real Estate

Total Holdings 842

+ Increase (O) Decrease (O) New to Portfolio

# 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 11.86 years.

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

Net Expense: The fund's expense ratio of 0.08 is 84.91% lower than the Target-Date 2020 category average.

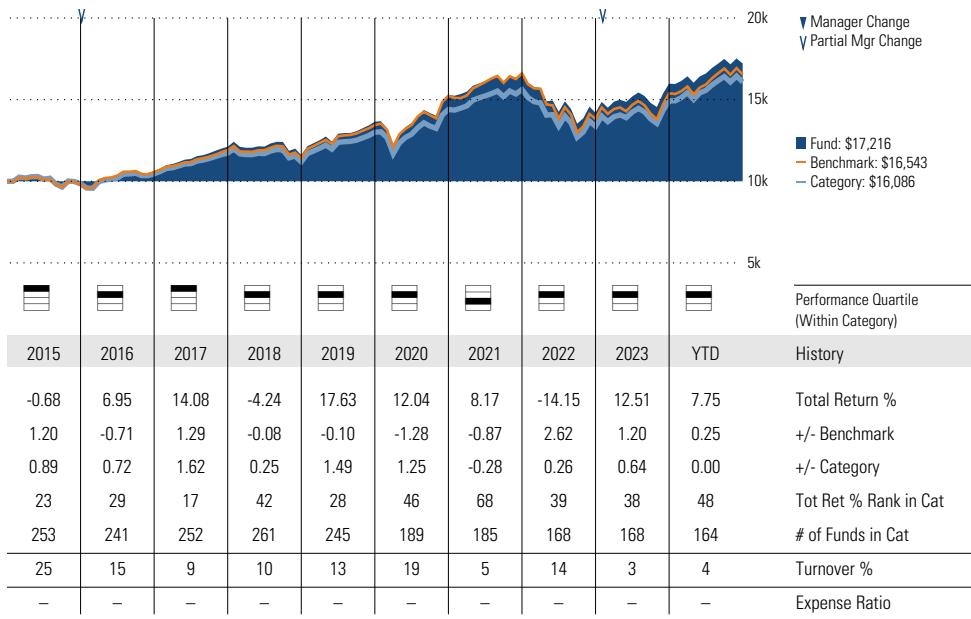
## Morningstar Investment Management LLC Analysis

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	11-30-2024
ESG Commitment	1-Low	02-15-2022

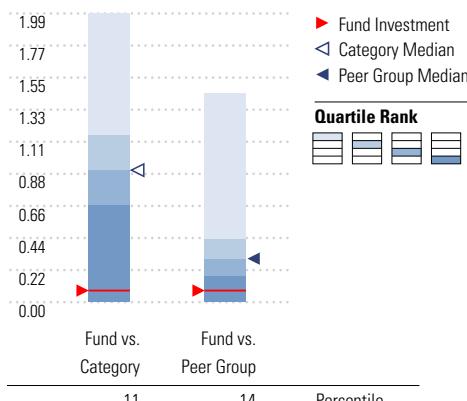
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.37	—	1.10
Beta	0.86	—	0.89
R-Squared	99.00	—	98.62
Standard Deviation	10.27	11.92	10.67
Sharpe Ratio	-0.23	-0.31	-0.25
Tracking Error	1.99	—	1.91
Information Ratio	0.74	—	0.63
Up Capture Ratio	90.52	—	92.93
Down Capture Ratio	82.42	—	86.43

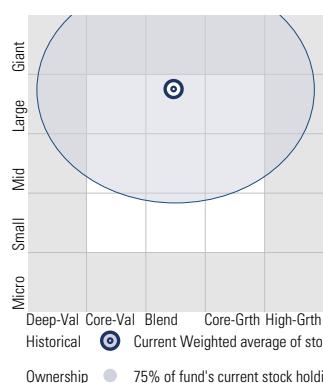
## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.29	21.41	21.56
Price/Book Ratio	2.62	2.77	2.87
Avg Eff Duration	5.53	—	4.83

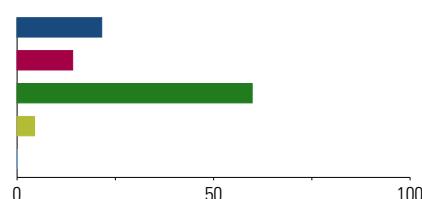
# Vanguard Target Retirement 2020 Fund VTWNX

## Style Analysis as of 12-31-2024

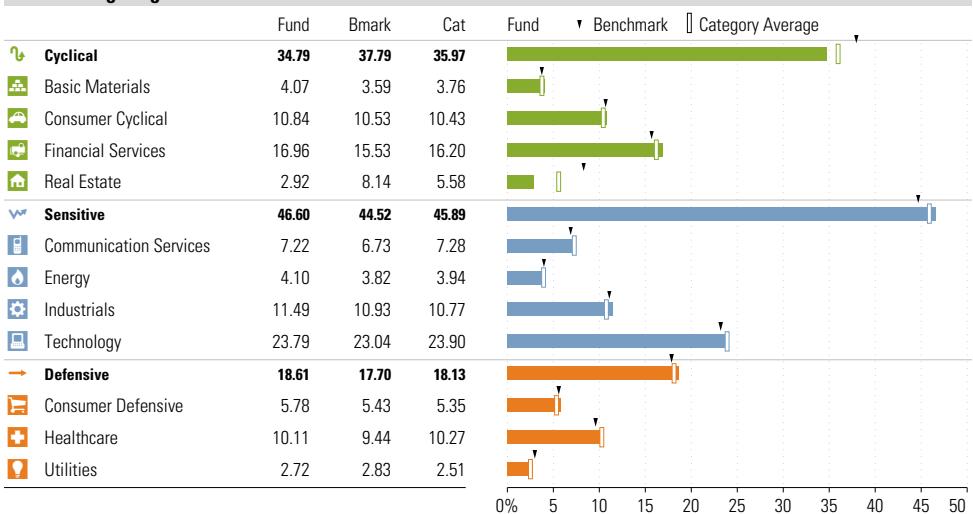
Morningstar Style Box™



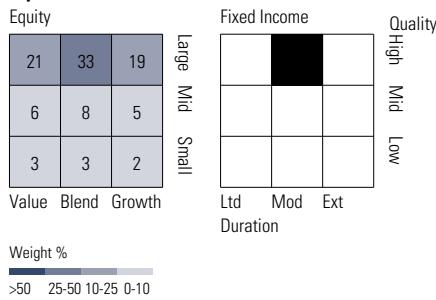
## Asset Allocation as of 12-31-2024

Morningstar Category  
Target-Date 2020Morningstar Index  
Morningstar Lifetime Mod 2020 TR  
USD

## Sector Weighting as of 12-31-2024



## Style Breakdown



## Top 7 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Inv	–	34.33	34.33	–	–
⊖ Vanguard Total Stock Mkt Ix Inv	–	21.64	55.97	–	–
⊕ Vanguard Total Intl Bd II Inv	–	15.22	71.19	–	–
⊖ Vanguard Total Intl Stock Index Inv	–	14.46	85.66	–	–
⊕ Vanguard Shrt-Term Infl-Prot Sec Inv	–	13.70	99.36	–	–
⊖ Mktliq 12/31/2049	–	0.63	99.99	–	–
⊖ Us Dollar	–	0.01	100.00	–	–

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 11.86 years.

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

✓ **Net Expense:** The fund's expense ratio of 0.08 is 85.96% lower than the Target-Date 2025 category average.

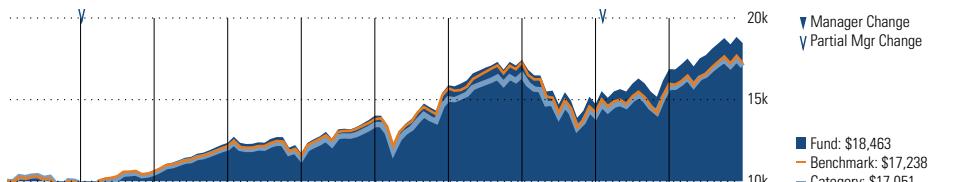
## Morningstar Investment Management LLC Analysis

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	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000

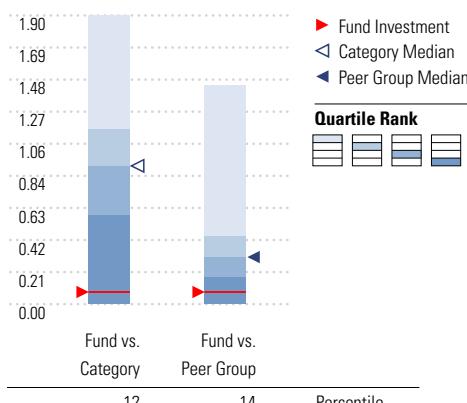


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-0.85	7.48	15.94	-5.15	19.63	13.30	9.80	-15.55	14.55	9.44	Total Return %
1.21	-0.91	1.40	-0.25	0.27	-0.37	-0.30	2.03	2.40	1.47	+/- Benchmark
0.74	0.75	1.27	0.19	1.38	1.46	0.05	-0.36	1.79	1.20	+/- Category
24	23	21	42	22	40	57	52	11	12	Tot Ret % Rank in Cat
215	225	238	253	262	245	255	258	239	218	# of Funds in Cat
24	15	10	8	11	21	7	14	6	7	Turnover %
—	—	—	—	—	—	—	—	—	—	Expense Ratio

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.91	—	1.21
Beta	0.92	—	0.87
R-Squared	99.04	—	98.20
Standard Deviation	11.82	12.81	11.20
Sharpe Ratio	-0.14	-0.27	-0.21
Tracking Error	1.56	—	2.29
Information Ratio	1.27	—	0.63
Up Capture Ratio	97.82	—	90.35
Down Capture Ratio	87.42	—	83.70

## Portfolio Metrics

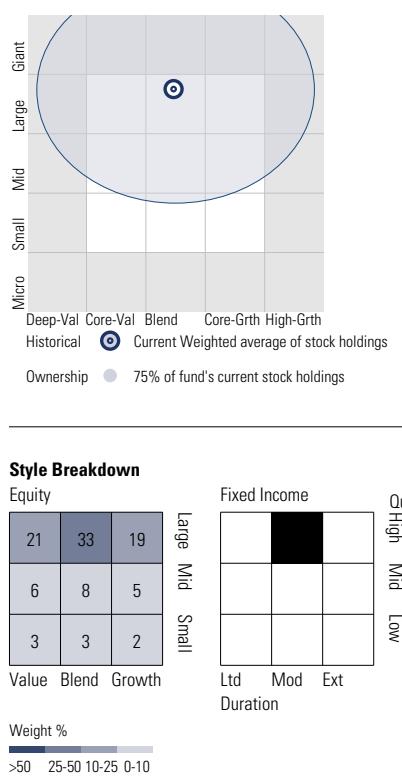
	Fund	Bmark	Cat
Price/Earnings Ratio	20.34	21.21	21.70
Price/Book Ratio	2.63	2.74	2.89
Avg Eff Duration	5.80	—	4.84

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

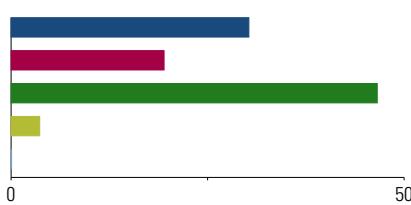
# Vanguard Target Retirement 2025 Fund VTTVX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



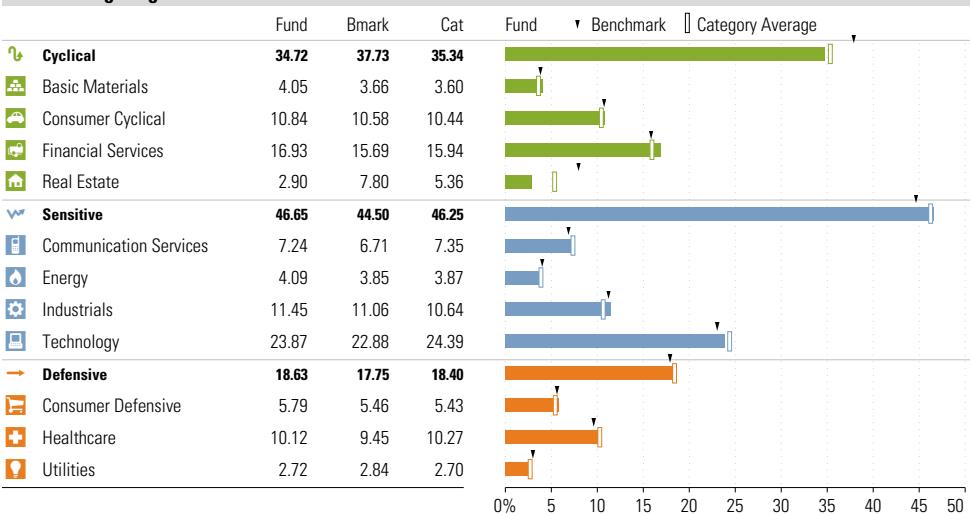
## Morningstar Category

Target-Date 2025

## Morningstar Index

Morningstar Lifetime Mod 2025 TR USD

## Sector Weighting as of 12-31-2024



## Top 7 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Indx Pls	–	30.41	30.41	–	–
⊕ Vanguard Total Bond Market II Indx Inv	–	29.25	59.65	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	19.90	79.55	–	–
⊕ Vanguard Total Intl Bd II Indx Insl	–	12.90	92.45	–	–
⊕ Vanguard Shrt-Term Infl-Prot Sec Indx Adm	–	7.00	99.45	–	–
⊖ Mktliq 12/31/2049	–	0.57	100.02	–	–
⊕ Us Dollar	–	0.02	100.04	–	–

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2030 Fund VTHR

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 11.86 years.

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

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

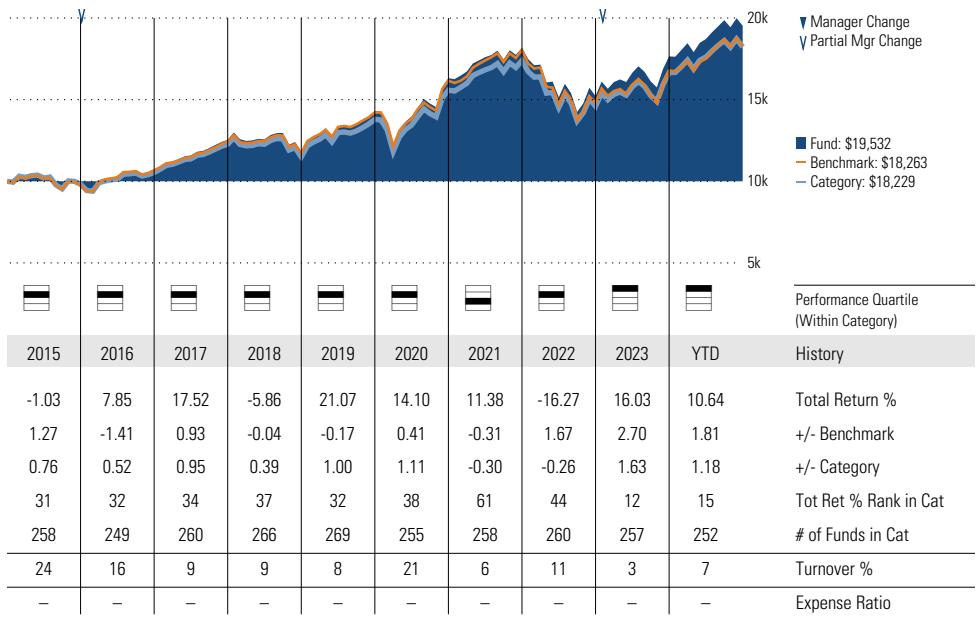
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

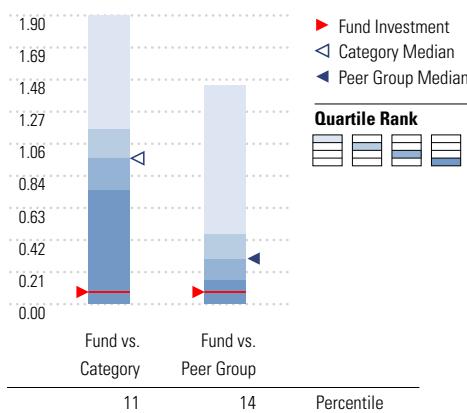
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.98	—	1.30
Beta	0.94	—	0.90
R-Squared	99.07	—	98.48
Standard Deviation	12.87	13.70	12.45
Sharpe Ratio	-0.08	-0.21	-0.14
Tracking Error	1.53	—	2.05
Information Ratio	1.33	—	0.71
Up Capture Ratio	99.41	—	93.95
Down Capture Ratio	89.37	—	87.36

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.46	21.01	21.75
Price/Book Ratio	2.66	2.70	2.98
Avg Eff Duration	6.30	—	5.41

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

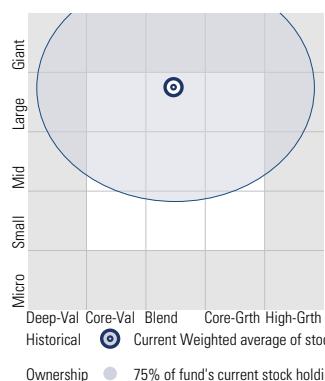
# Vanguard Target Retirement 2030 Fund VTHR

**Morningstar Category**  
Target-Date 2030

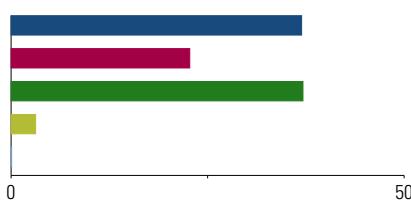
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

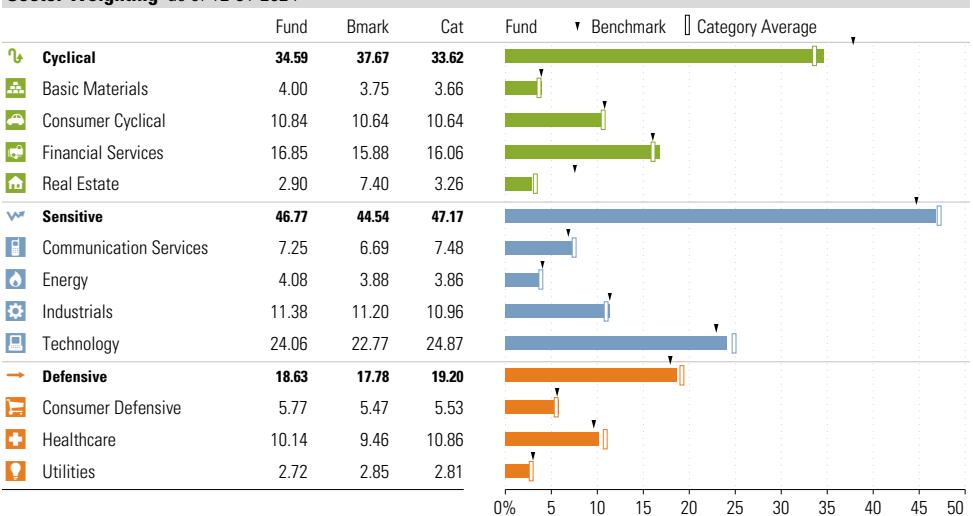


## Asset Allocation as of 12-31-2024

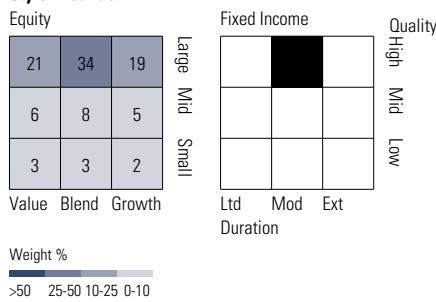


	Net %	Cat%
US Stocks	36.96	35.08
Non-US Stocks	22.73	15.81
Bonds	37.13	32.43
Cash	3.12	2.53
Other	0.07	14.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Indx Pls	–	37.15	37.15	–	–
⊕ Vanguard Total Bond Market II Indx Inv	–	27.28	64.43	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	23.23	87.66	–	–
⊕ Vanguard Total Intl Bd II Indx Insl	–	11.73	99.39	–	–
⊖ Mktliq 12/31/2049	–	0.60	99.99	–	–
⊖ Us Dollar	–	0.01	100.00	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2035 category average.

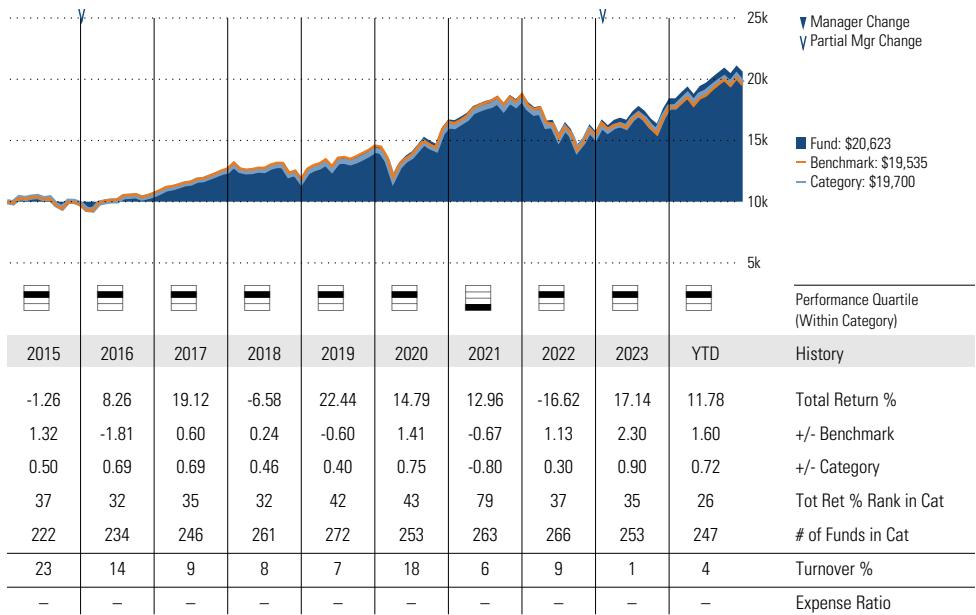
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

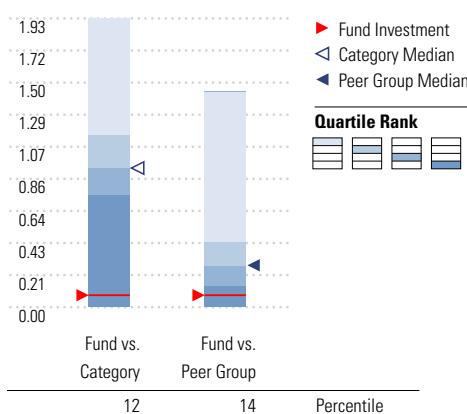
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.64	—	1.19
Beta	0.93	—	0.94
R-Squared	99.07	—	98.44
Standard Deviation	13.65	14.58	13.75
Sharpe Ratio	-0.03	-0.13	-0.06
Tracking Error	1.65	—	1.95
Information Ratio	0.99	—	0.61
Up Capture Ratio	97.54	—	96.74
Down Capture Ratio	89.80	—	91.15

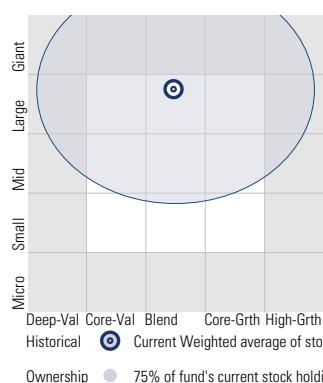
## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	20.81	21.64
Price/Book Ratio	2.65	2.67	2.95
Avg Eff Duration	6.30	—	6.30

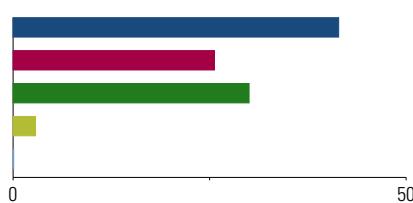
# Vanguard Target Retirement 2035 Fund VTTHX

## Style Analysis as of 12-31-2024

Morningstar Style Box™

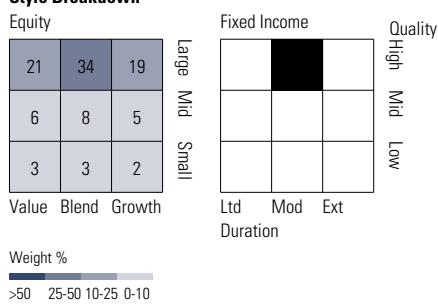


## Asset Allocation as of 12-31-2024

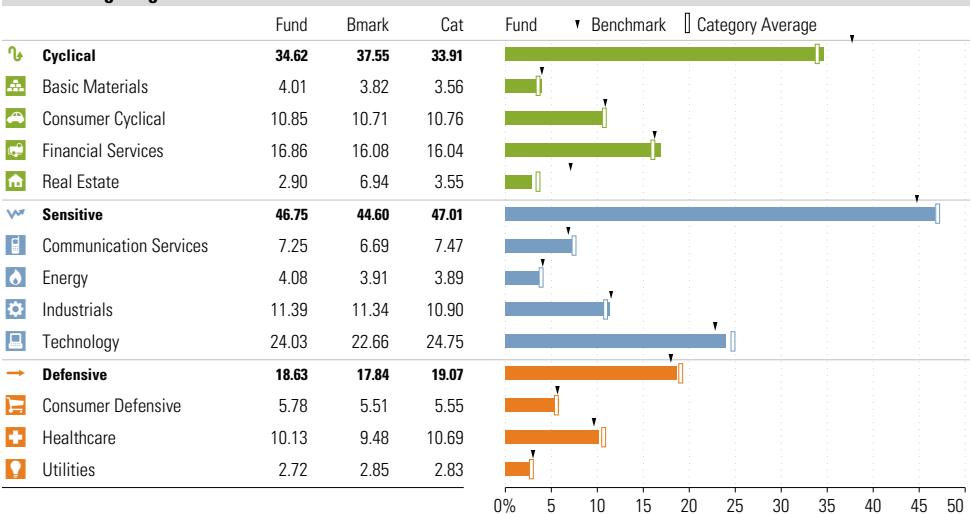

**Morningstar Category**  
Target-Date 2035

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

## Style Breakdown



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Indx Instl Pls	—	41.63	41.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	26.19	67.82	—	—
⊕ Vanguard Total Bond Market II Indx Inv	—	22.04	89.86	—	—
⊕ Vanguard Total Intl Bd II Indx Insl	—	9.51	99.37	—	—
⊖ Mktliq 12/31/2049	—	0.62	99.99	—	—
⊖ Us Dollar	—	0.01	100.00	—	—

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2040 category average.

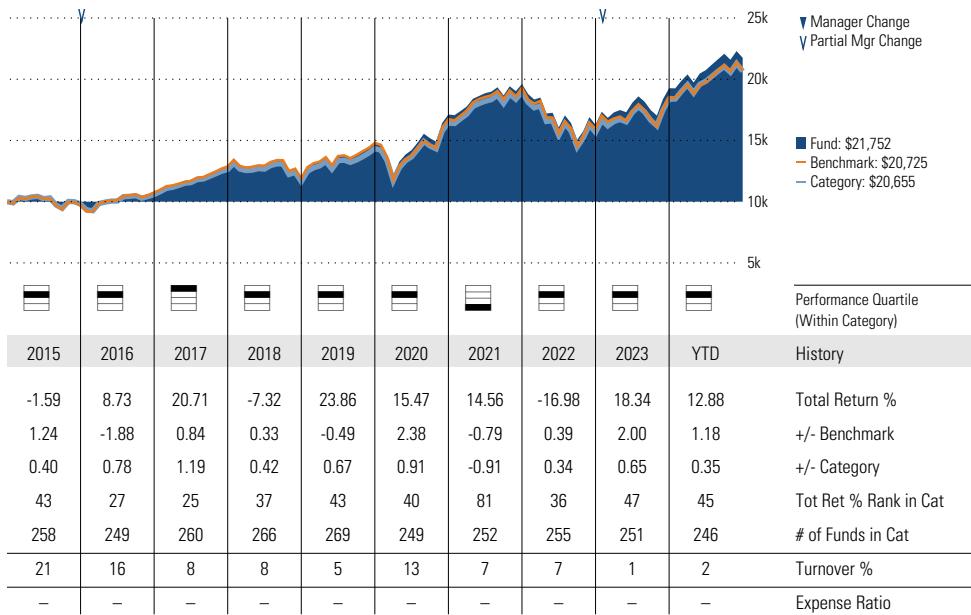
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

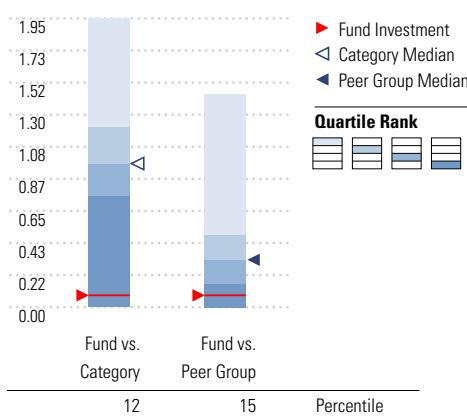
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.17	—	0.85
Beta	0.93	—	0.96
R-Squared	99.01	—	98.39
Standard Deviation	14.42	15.35	14.78
Sharpe Ratio	0.02	-0.04	0.00
Tracking Error	1.75	—	2.05
Information Ratio	0.63	—	0.40
Up Capture Ratio	96.38	—	97.62
Down Capture Ratio	91.13	—	93.86

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.47	20.61	21.47
Price/Book Ratio	2.66	2.64	2.91
Avg Eff Duration	6.30	—	7.01

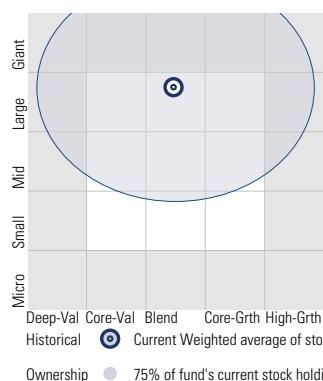
# Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category**  
Target-Date 2040

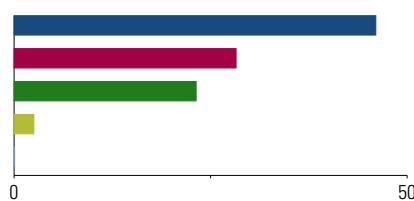
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 12-31-2024

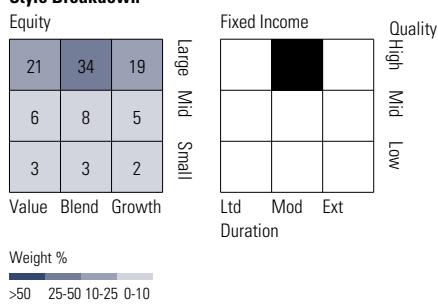
Morningstar Style Box™



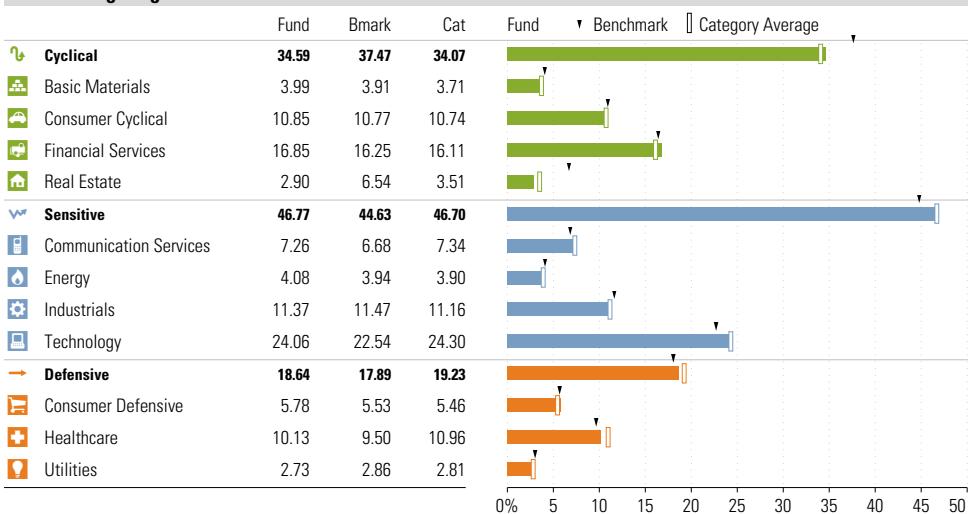
## Asset Allocation as of 12-31-2024



## Style Breakdown



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Indx Instl Pls	—	46.26	46.26	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	28.87	75.13	—	—
⊕ Vanguard Total Bond Market II Indx Inv	—	16.97	92.09	—	—
⊕ Vanguard Total Intl Bd II Indx Insl	—	7.36	99.45	—	—
⊖ Mktliq 12/31/2049	—	0.51	99.96	—	—
⊖ Us Dollar	—	0.04	100.00	—	—

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2045 Fund VTIYX

Morningstar Category  
Target-Date 2045

Morningstar Index  
Morningstar Lifetime Mod 2045 TR  
USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-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 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2045 category average.

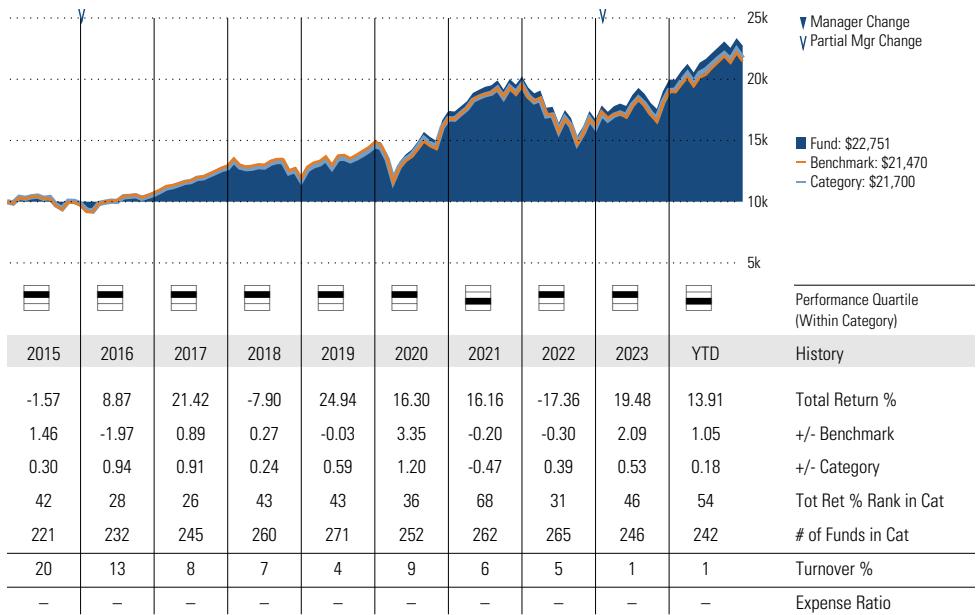
## Morningstar Investment Management LLC Analysis

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	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

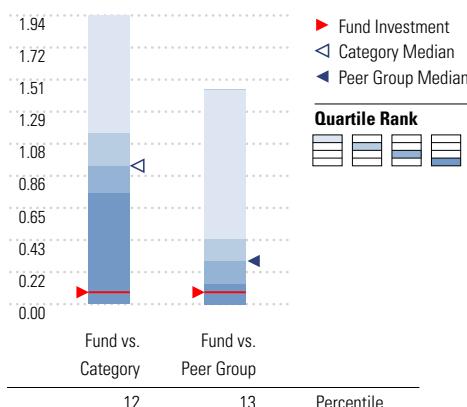
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.89	—	0.55
Beta	0.95	—	0.97
R-Squared	98.94	—	98.35
Standard Deviation	15.22	15.91	15.53
Sharpe Ratio	0.06	0.01	0.04
Tracking Error	1.75	—	2.07
Information Ratio	0.46	—	0.22
Up Capture Ratio	97.38	—	98.24
Down Capture Ratio	93.57	—	95.97

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	20.43	21.25
Price/Book Ratio	2.65	2.60	2.85
Avg Eff Duration	6.31	—	7.71

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

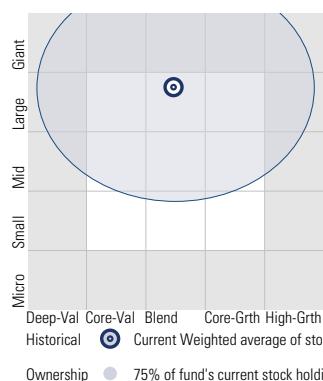
# Vanguard Target Retirement 2045 Fund VTIYX

**Morningstar Category**  
Target-Date 2045

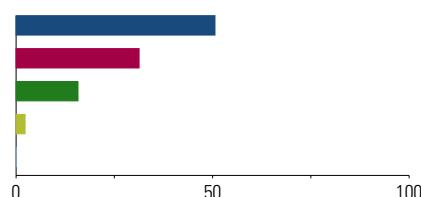
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

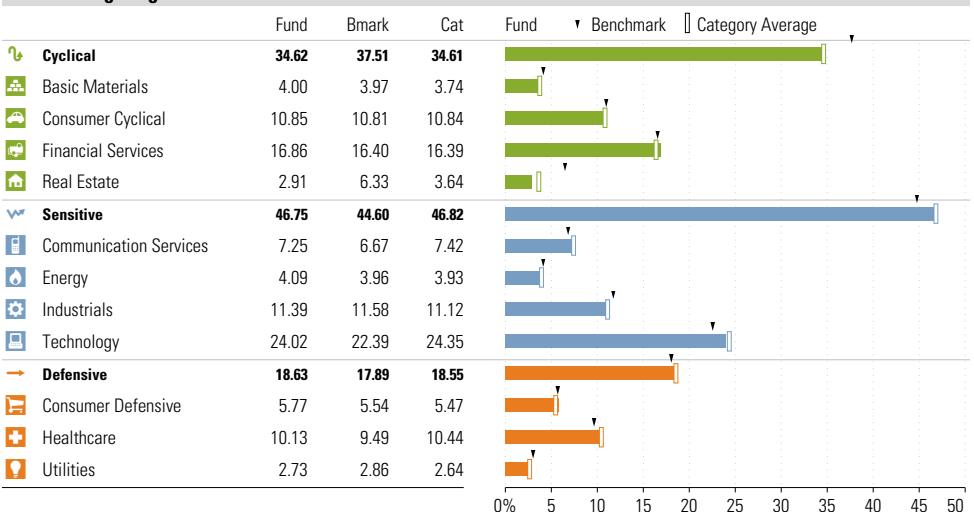


## Asset Allocation as of 12-31-2024

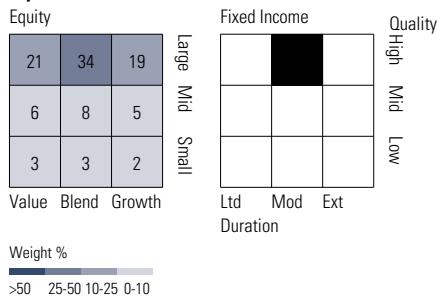


Asset Class	Net %	Cat%
US Stocks	50.60	52.42
Non-US Stocks	31.29	26.49
Bonds	15.75	8.74
Cash	2.28	1.18
Other	0.07	11.16
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown



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

## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Indx Pls	–	50.86	50.86	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	31.99	82.85	–	–
⊕ Vanguard Total Bond Market II Indx Inv	–	11.47	94.32	–	–
⊕ Vanguard Total Intl Bd II Indx Insl	–	5.07	99.40	–	–
⊕ Mktliq 12/31/2049	–	0.59	99.99	–	–
⊖ Us Dollar	–	0.01	100.00	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category  
Target-Date 2050

Morningstar Index  
Morningstar Lifetime Mod 2050 TR  
USD

## Portfolio Manager(s)

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

## Quantitative Screens

- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2050 category average.

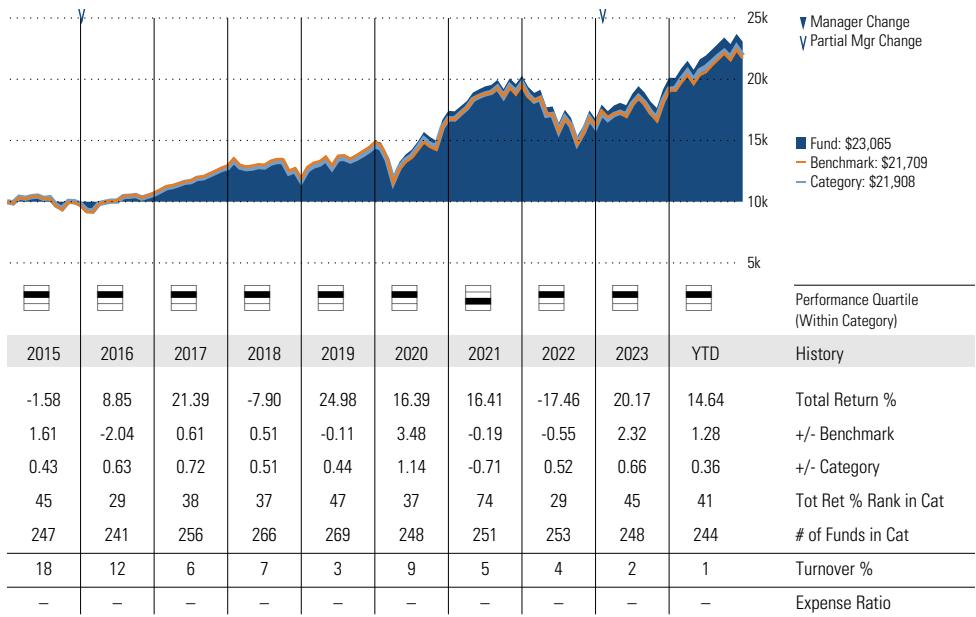
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

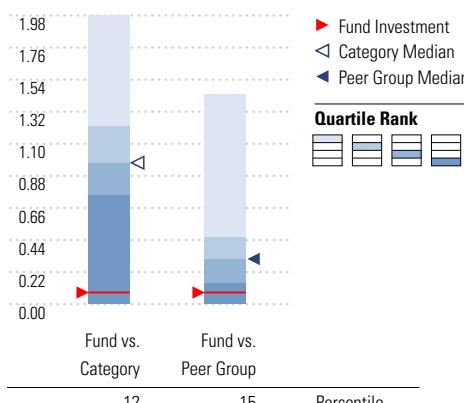
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.90	—	0.43
Beta	0.96	—	0.98
R-Squared	98.90	—	98.27
Standard Deviation	15.63	16.16	15.94
Sharpe Ratio	0.08	0.04	0.06
Tracking Error	1.75	—	2.12
Information Ratio	0.48	—	0.16
Up Capture Ratio	98.54	—	98.98
Down Capture Ratio	94.77	—	97.27

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.44	20.27	21.24
Price/Book Ratio	2.65	2.57	2.86
Avg Eff Duration	6.31	—	8.76

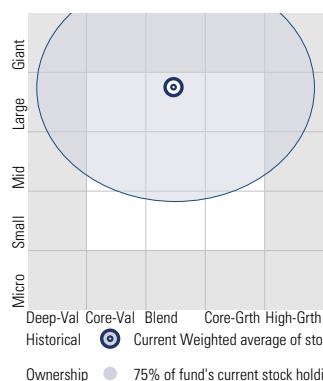
# Vanguard Target Retirement 2050 Fund VFIFX

**Morningstar Category**  
Target-Date 2050

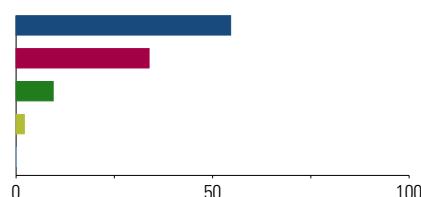
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

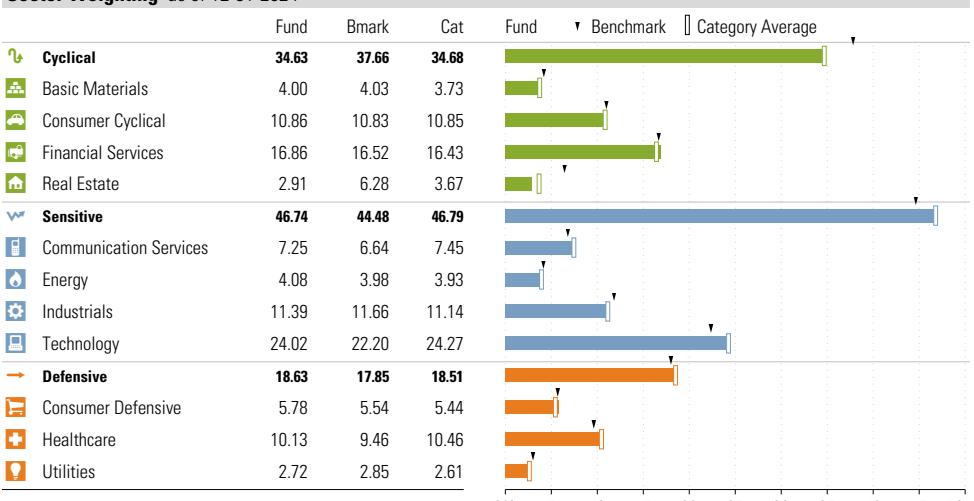


## Asset Allocation as of 12-31-2024

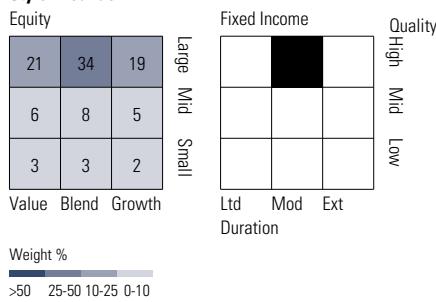


Asset Class	Net %	Cat%
US Stocks	54.59	56.32
Non-US Stocks	33.83	27.95
Bonds	9.43	5.57
Cash	2.09	1.03
Other	0.07	9.12
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	–	54.87	54.87	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	34.58	89.45	–	–
⊕ Vanguard Total Bond Market II Idx Inv	–	6.81	96.26	–	–
⊕ Vanguard Total Intl Bd II Idx Insl	–	3.09	99.35	–	–
⊖ Mktliq 12/31/2049	–	0.63	99.98	–	–
⊖ Us Dollar	–	0.02	100.00	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2055 Fund VFFVX

Morningstar Category  
Target-Date 2055

Morningstar Index  
Morningstar Lifetime Mod 2055 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 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 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2055 category average.

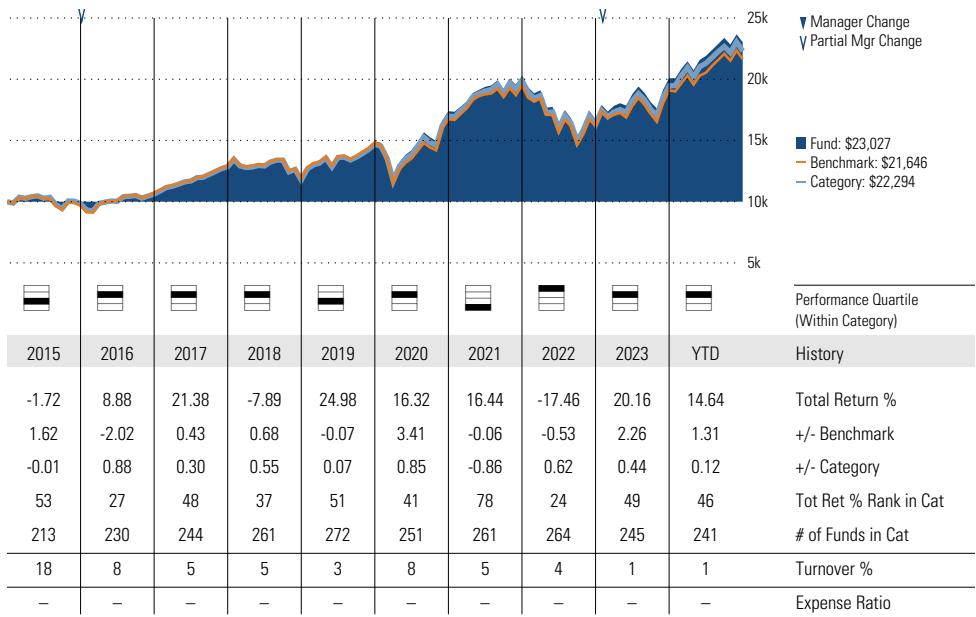
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

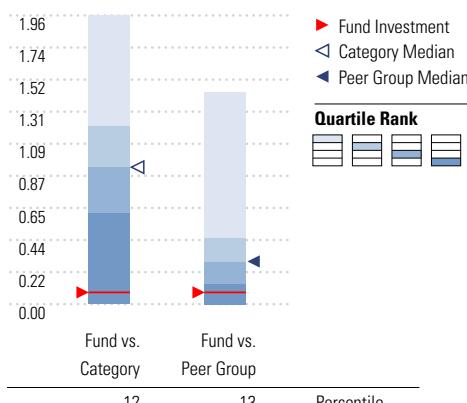
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.91	—	0.55
Beta	0.96	—	0.98
R-Squared	98.87	—	98.24
Standard Deviation	15.64	16.24	16.09
Sharpe Ratio	0.08	0.04	0.07
Tracking Error	1.80	—	2.16
Information Ratio	0.46	—	0.20
Up Capture Ratio	98.20	—	99.73
Down Capture Ratio	94.41	—	97.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.44	20.12	21.22
Price/Book Ratio	2.65	2.54	2.84
Avg Eff Duration	6.31	—	9.54

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

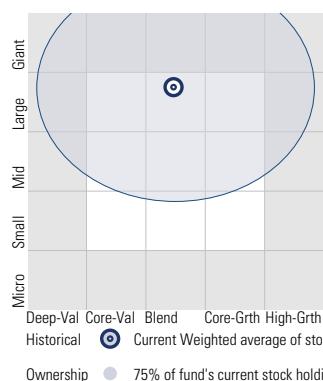
# Vanguard Target Retirement 2055 Fund VFFFVX

**Morningstar Category**  
Target-Date 2055

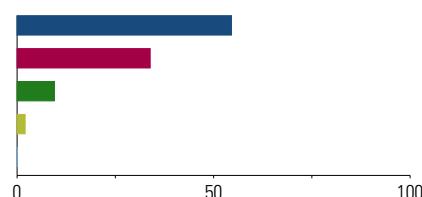
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 12-31-2024

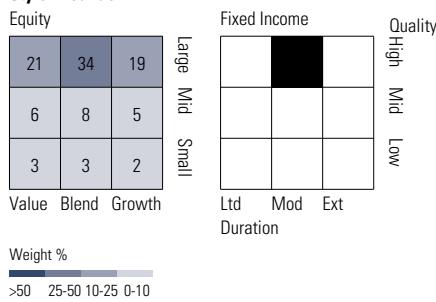
Morningstar Style Box™



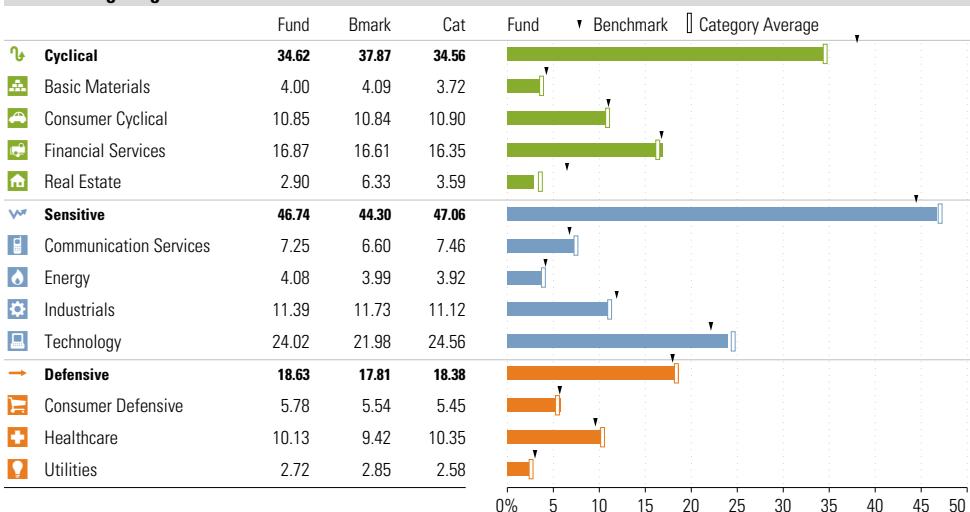
## Asset Allocation as of 12-31-2024



## Style Breakdown



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	–	54.82	54.82	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	34.61	89.43	–	–
⊕ Vanguard Total Bond Market II Idx Inv	–	6.88	96.31	–	–
⊕ Vanguard Total Intl Bd II Idx Insl	–	3.10	99.40	–	–
⊖ Mktliq 12/31/2049	–	0.58	99.99	–	–
⊖ Us Dollar	–	0.01	100.00	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 11.86 years.

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

✓ **Net Expense:** The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2060 category average.

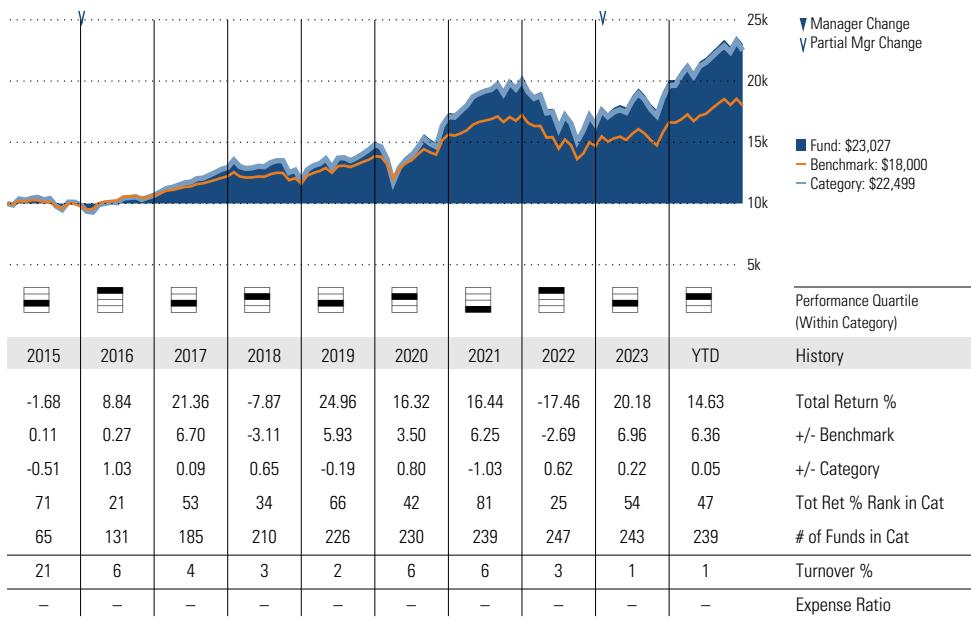
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

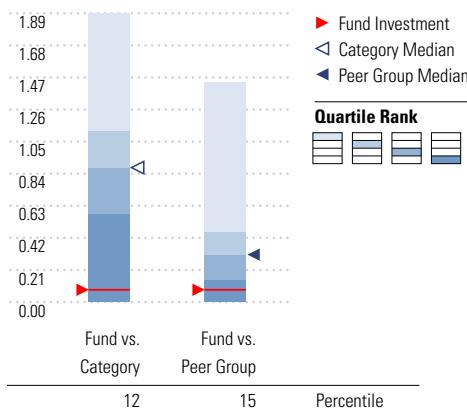
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.75	—	2.48
Beta	1.21	—	1.25
R-Squared	97.56	—	96.37
Standard Deviation	15.63	12.70	16.18
Sharpe Ratio	0.08	-0.15	0.07
Tracking Error	3.66	—	4.43
Information Ratio	0.79	—	0.58
Up Capture Ratio	131.60	—	134.54
Down Capture Ratio	117.29	—	121.83

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.40	19.69	21.26
Price/Book Ratio	2.64	2.42	2.85
Avg Eff Duration	6.31	—	8.97

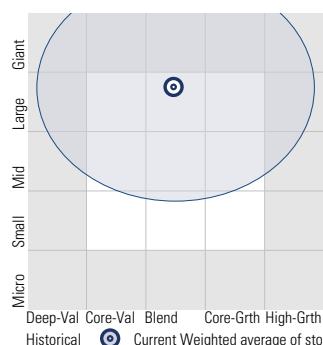
# Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category  
Target-Date 2060

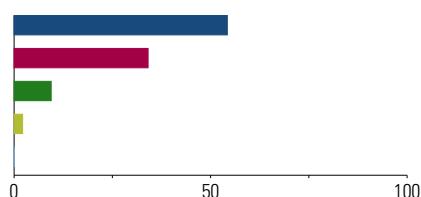
Morningstar Index  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

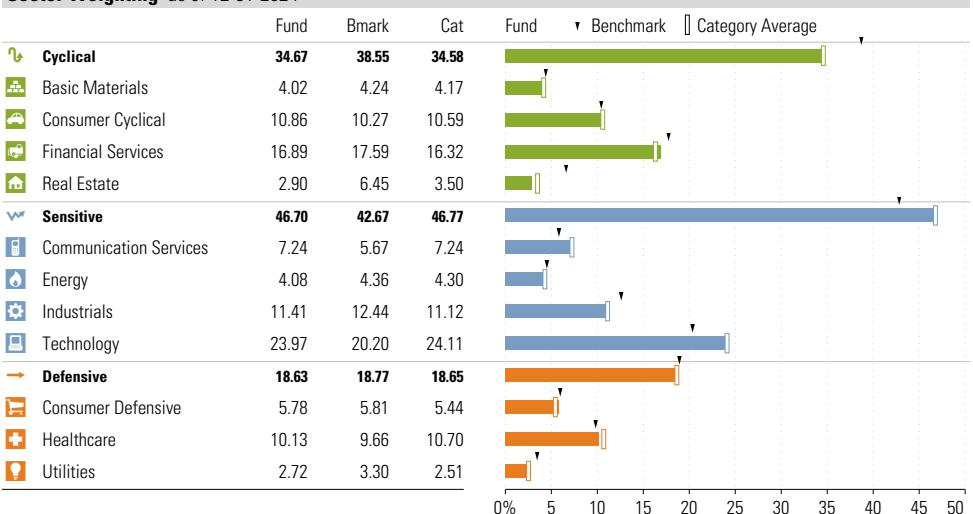


## Asset Allocation as of 12-31-2024

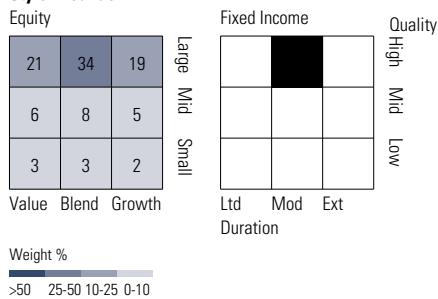


Asset Class	Net %	Cat%
US Stocks	54.25	57.43
Non-US Stocks	34.09	28.81
Bonds	9.43	4.94
Cash	2.17	0.57
Other	0.07	8.24
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown



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

## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Indx Instl Pls	–	54.52	54.52	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	34.85	89.38	–	–
⊕ Vanguard Total Bond Market II Indx Inv	–	6.83	96.21	–	–
⊕ Vanguard Total Intl Bd II Indx Insl	–	3.07	99.28	–	–
⊖ Mktliq 12/31/2049	–	0.71	99.99	–	–
⊖ Us Dollar	–	0.01	100.00	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category  
Target-Date 2065+

Morningstar Index  
Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

- Performance:** The fund has finished in the Target-Date 2065+ category's top three quartiles in 5 of the 7 years it's been in existence.
- Management:** The fund's management has been in place for 7.48 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 2065+ category average.

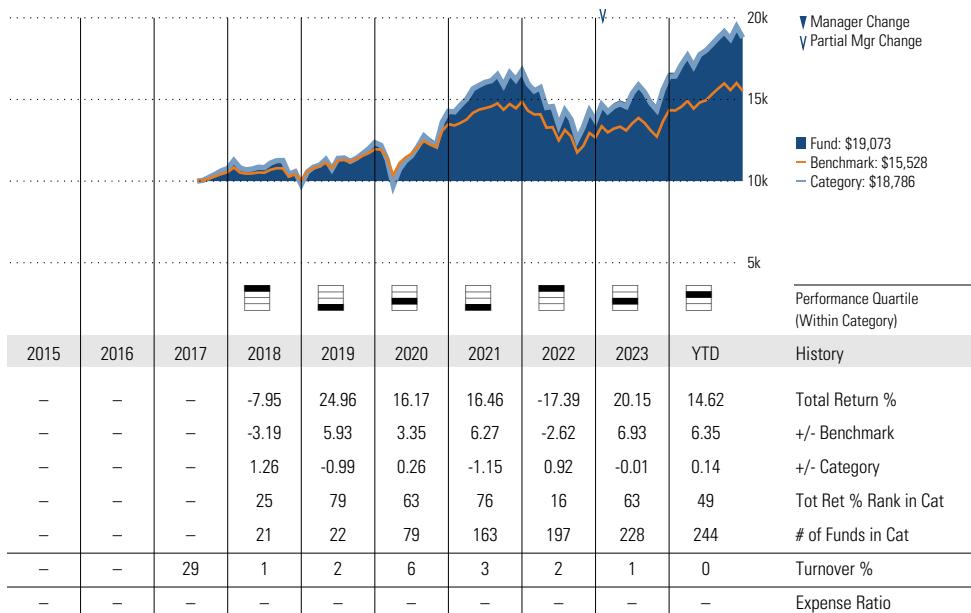
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

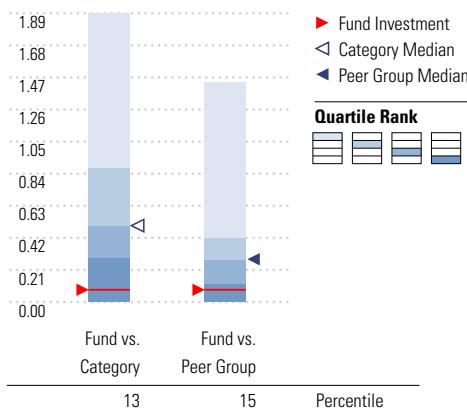
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.77	—	2.88
Beta	1.21	—	1.25
R-Squared	97.58	—	95.78
Standard Deviation	15.61	12.70	16.67
Sharpe Ratio	0.08	-0.15	0.08
Tracking Error	3.65	—	4.98
Information Ratio	0.80	—	0.59
Up Capture Ratio	131.53	—	135.46
Down Capture Ratio	117.13	—	121.25

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.31	19.69	20.75
Price/Book Ratio	2.62	2.42	2.73
Avg Eff Duration	6.33	—	9.10

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

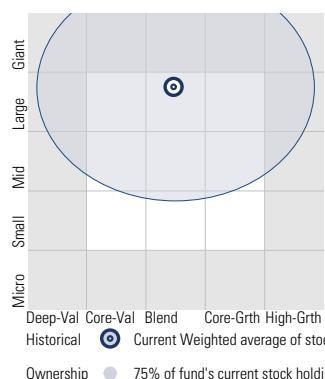
# Vanguard Target Retirement 2065 Fund VLXVX

**Morningstar Category**  
Target-Date 2065+

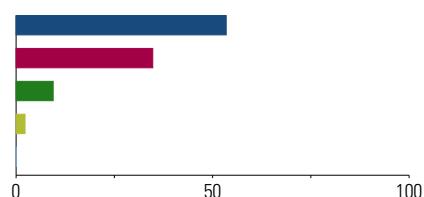
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2024

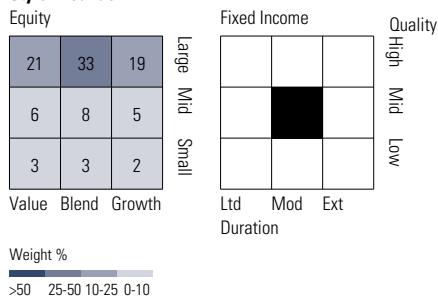
Morningstar Style Box™



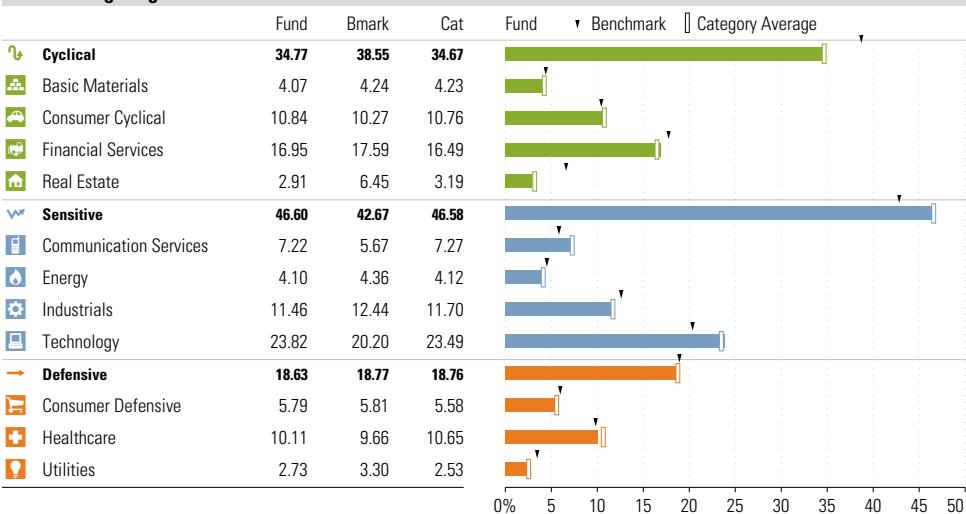
## Asset Allocation as of 12-31-2024



## Style Breakdown



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	–	53.72	53.72	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	35.55	89.28	–	–
⊕ Vanguard Total Bond Market II Idx Inv	–	6.83	96.11	–	–
⊕ Vanguard Total Intl Bd II Idx Insl	–	3.07	99.18	–	–
⊖ Mktliq 12/31/2049	–	0.78	99.96	–	–
⊖ Us Dollar	–	0.04	100.00	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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.

✓ **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 2065+ category average.

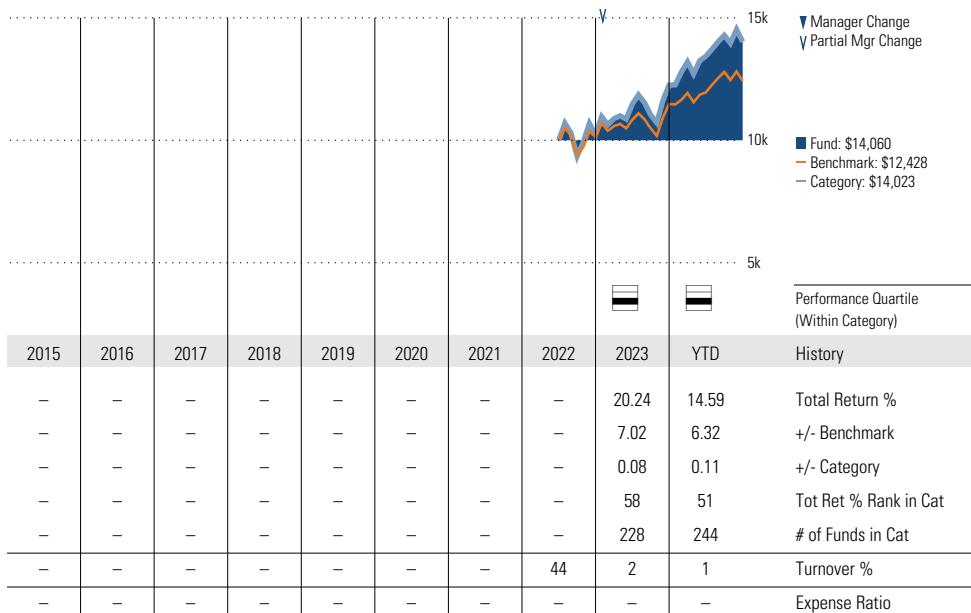
## Morningstar Investment Management LLC Analysis

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	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022

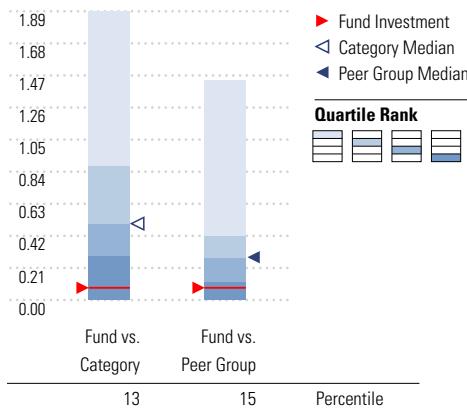
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-	-	2.88
Beta	-	-	1.25
R-Squared	-	-	95.78
Standard Deviation	-	12.70	16.67
Sharpe Ratio	-	-0.15	0.08
Tracking Error	-	-	4.98
Information Ratio	-	-	0.59
Up Capture Ratio	-	-	135.46
Down Capture Ratio	-	-	121.25

## Portfolio Metrics

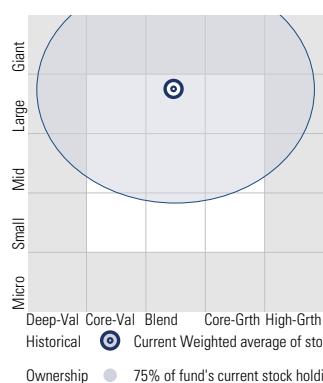
	Fund	Bmark	Cat
Price/Earnings Ratio	20.36	19.69	20.75
Price/Book Ratio	2.63	2.42	2.73
Avg Eff Duration	6.33	-	9.10

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

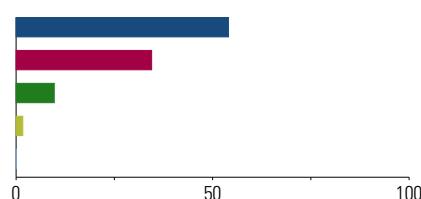
# Vanguard Target Retirement 2070 Fund VSVNX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



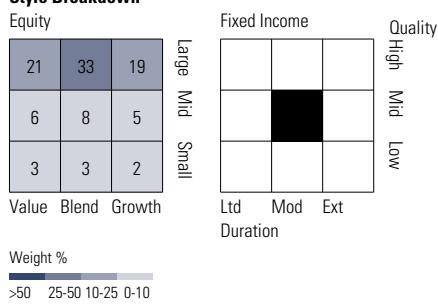
Morningstar Category

Target-Date 2065+

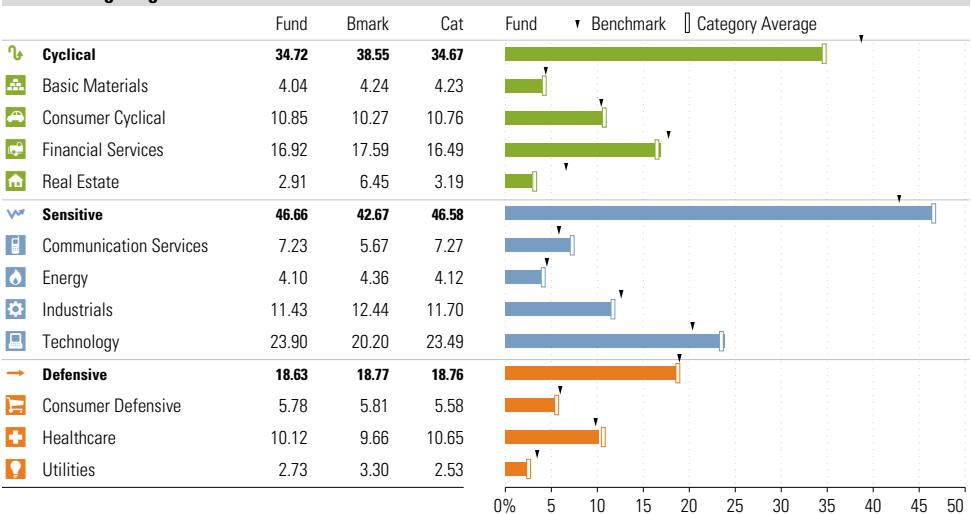
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Style Breakdown



## Sector Weighting as of 12-31-2024



## Top 6 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Indx Instl Pls	–	54.30	54.30	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	35.26	89.57	–	–
⊕ Vanguard Total Bond Market II Indx Inv	–	7.09	96.66	–	–
⊕ Vanguard Total Intl Bd II Indx Insl	–	3.11	99.77	–	–
⊖ Mktliq 12/31/2049	–	0.22	99.99	–	–
⊖ Us Dollar	–	0.01	100.00	–	–

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 85.19% lower than the Target-Date Retirement category average.

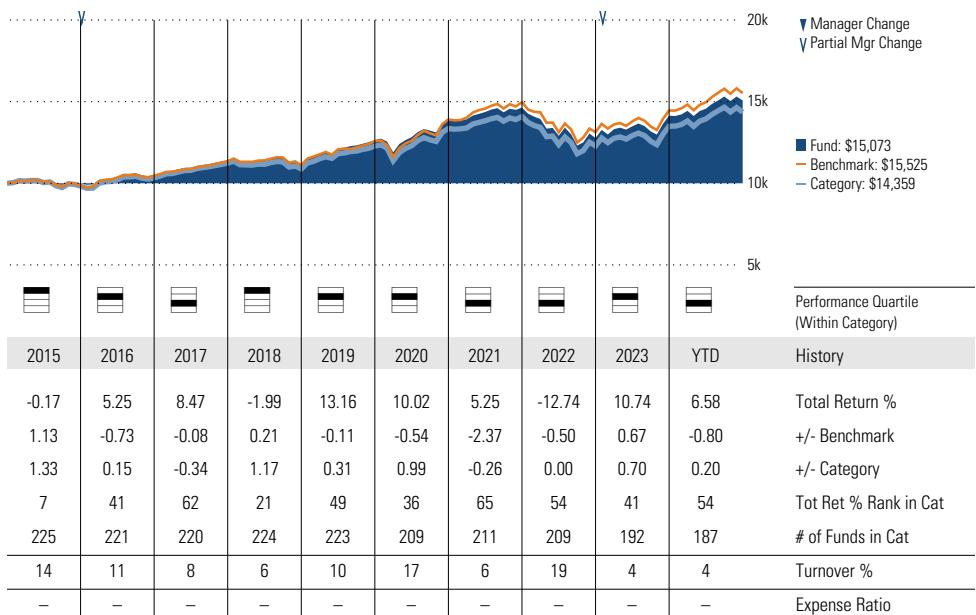
## Morningstar Investment Management LLC Analysis

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	11-30-2024
ESG Commitment	1-Low	02-15-2022

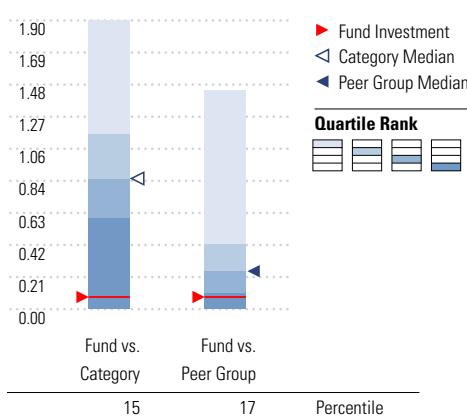
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.19	—	-0.42
Beta	0.94	—	0.98
R-Squared	98.31	—	97.19
Standard Deviation	8.85	9.34	9.30
Sharpe Ratio	-0.33	-0.28	-0.33
Tracking Error	1.28	—	1.75
Information Ratio	-0.19	—	-0.30
Up Capture Ratio	95.00	—	98.01
Down Capture Ratio	96.50	—	101.25

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.29	21.83	21.55
Price/Book Ratio	2.62	2.86	2.78
Avg Eff Duration	5.43	—	5.68

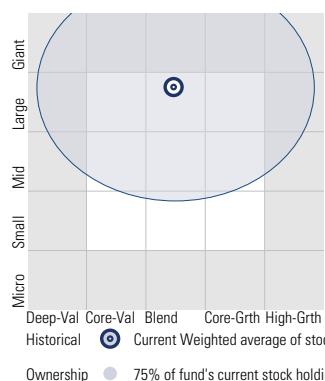
# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category**  
Target-Date Retirement

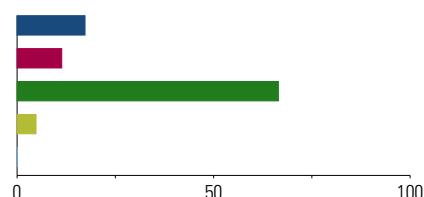
**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

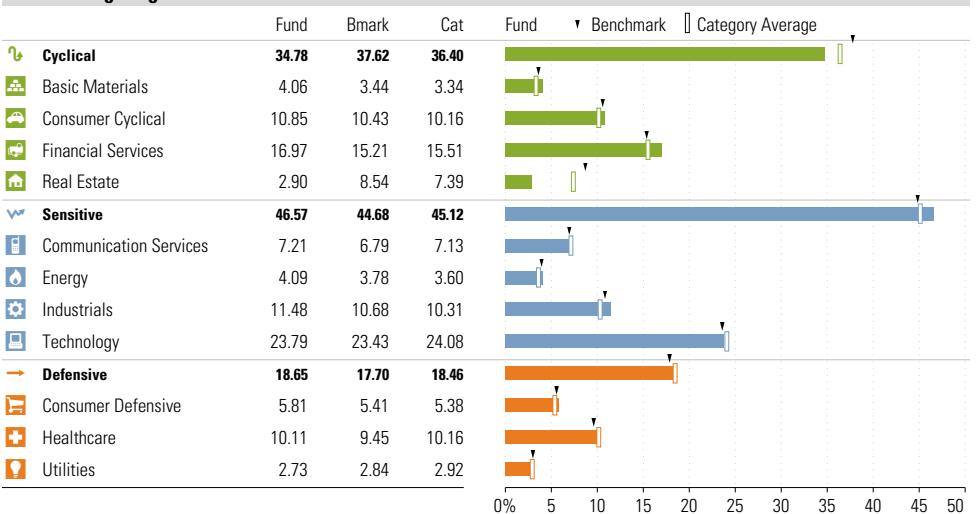


## Asset Allocation as of 12-31-2024

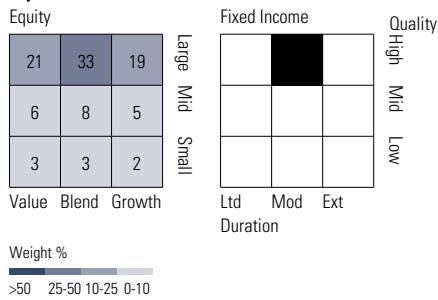


Asset Class	Net %	Cat%
US Stocks	17.28	18.83
Non-US Stocks	11.36	7.92
Bonds	66.48	46.92
Cash	4.81	6.17
Other	0.06	20.16
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown



## Top 7 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Inv	–	37.02	37.02	–	–
⊖ Vanguard Total Stock Mkt Inv Instl Pls	–	17.36	54.38	–	–
⊕ Vanguard Shrt-Term Infl-Prot Sec Inv	–	17.14	71.52	–	–
⊕ Vanguard Total Intl Bd II Inv	–	16.22	87.74	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	11.62	99.35	–	–
⊖ Mktliq 12/31/2049	–	0.67	100.02	–	–
⊕ Us Dollar	–	0.02	100.04	–	–

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio