

# American Century Inflation Adjs Bond R5 AIANX

Morningstar Category  
Inflation-Protected Bond

Morningstar Index  
Bloomberg US Treasury US TIPS TR  
USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✓ **Management:** The fund's management has been in place for 23.1 years.

Style Consistency is not calculated for Fixed Income funds.

✓ **Net Expense:** The fund's expense ratio of 0.34 is 49.25% lower than the Inflation-Protected Bond category average.

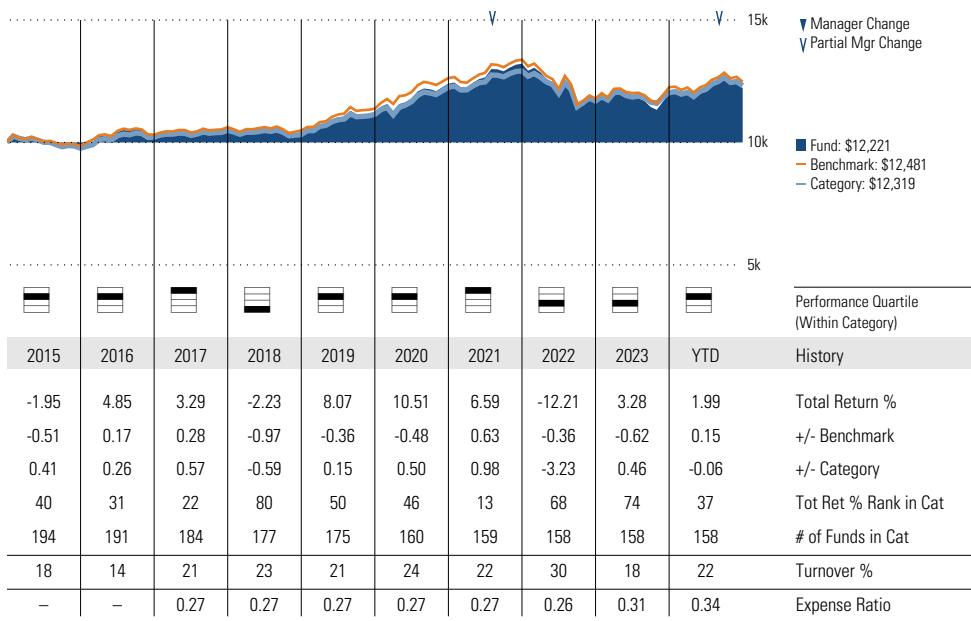
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024

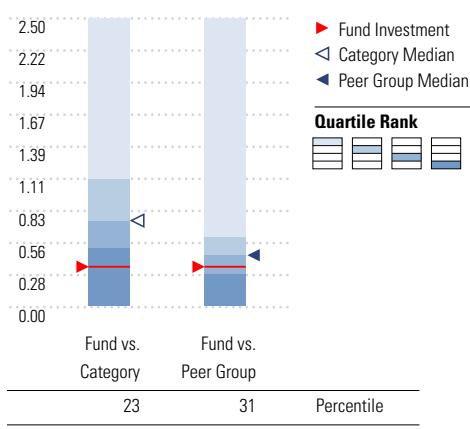
## Growth of \$10,000



## 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	-0.23	—	-0.11
Beta	1.02	—	1.00
R-Squared	99.52	—	96.62
Standard Deviation	7.42	7.24	7.88
Sharpe Ratio	-0.89	-0.88	-0.87
Tracking Error	0.54	—	1.65
Information Ratio	-0.52	—	-0.38
Up Capture Ratio	102.90	—	100.17
Down Capture Ratio	104.83	—	101.63

## Portfolio Metrics

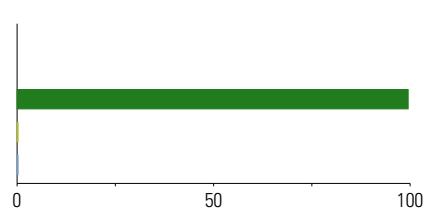
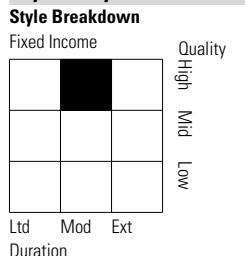
	Fund	Bmark	Cat
Avg Eff Duration	6.37	4.52	6.06
Avg Eff Maturity	7.81	—	7.05

# American Century Inflation Adjs Bond R5 AIANX

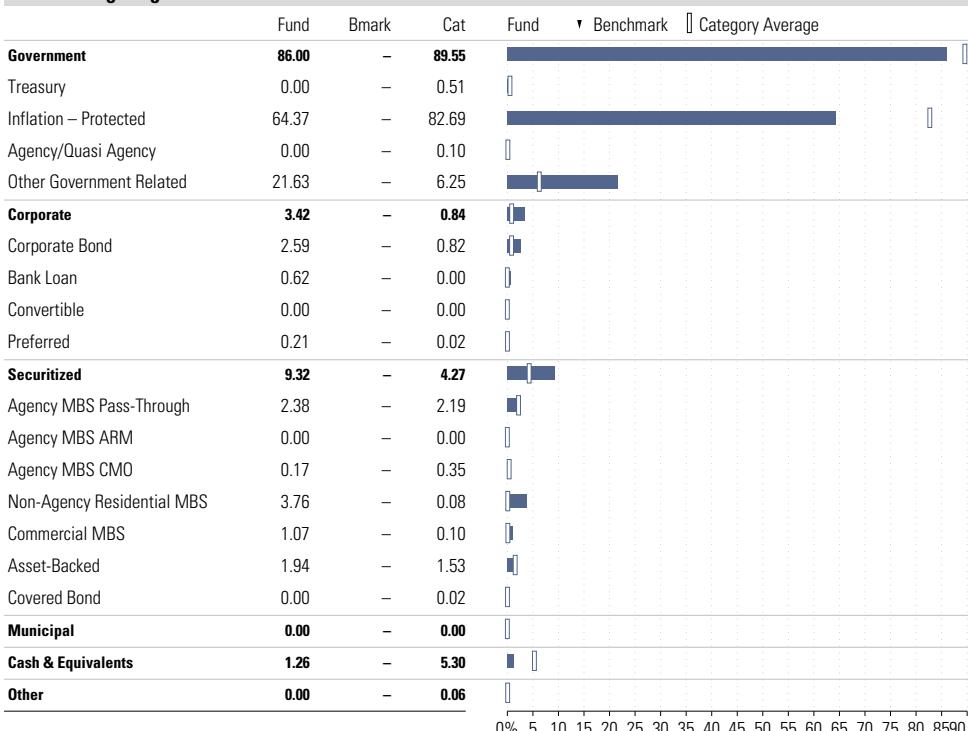
**Morningstar Category**  
 Inflation-Protected Bond

**Morningstar Index**  
 Bloomberg US Treasury US TIPS TR USD

**Style Analysis** as of 12-31-2024

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


Asset Class	Net %	Cat%
US Stocks	0.00	0.17
Non-US Stocks	0.00	-0.01
Bonds	99.50	98.70
Cash	0.25	3.37
Other	0.25	-2.24
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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


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

**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	4.51	4.51	—
⊕ United States Treasury Notes 1.375%	07-2033	4.45	8.96	—
⊖ United States Treasury Notes 0.125%	04-2027	4.25	13.21	—
⊖ United States Treasury Notes 0.625%	07-2032	3.85	17.06	—
⊖ United States Treasury Notes 0.5%	01-2028	3.73	20.79	—
⊕ United States Treasury Notes 0.625%	01-2026	3.33	24.12	—
⊕ United States Treasury Notes 1.125%	01-2033	3.10	27.22	—
⊕ United States Treasury Notes 0.125%	07-2031	2.98	30.20	—
⊕ United States Treasury Notes 0.125%	01-2031	2.92	33.12	—
⊕ Government National Mortgage Association 5.5%	01-2055	2.84	35.96	—

**Total Holdings 170**

⊕ Increase ⊖ Decrease \*\* New to Portfolio

**American Funds AMCAP R6**

RAFGX

Morningstar Category

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

**Portfolio Manager(s)**

James Terrile since 05-2011  
 Lawrence Solomon since 05-2011  
 Aidan O'Connell since 07-2015  
 Jessica Spaly since 10-2017  
 Martin Jacobs since 05-2018  
 Cheryl Frank since 10-2018  
 Gregory Wendt since 05-2019  
 Eric Stern since 11-2019

**Quantitative Screens**

✗ **Performance:** The fund has finished in the Large Growth category's top three quartiles in 6 of the 10 years it's been in existence.

✓ **Management:** The fund's management has been in place for 13.68 years.

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

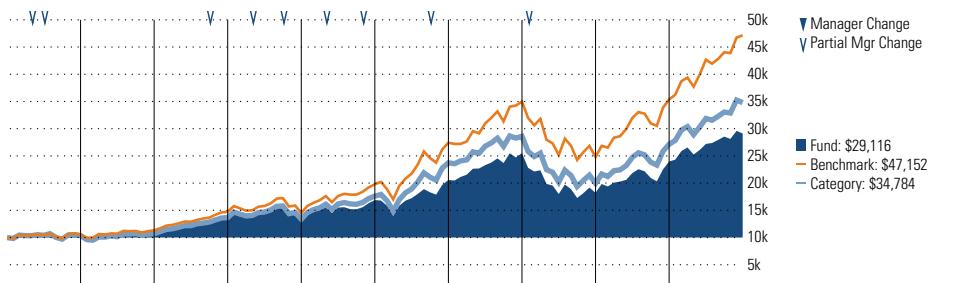
✓ **Net Expense:** The fund's expense ratio of 0.34 is 63.04% lower than the Large Growth category average.

**Morningstar Investment Management LLC Analysis**

We are placing this fund on watch due to the departure of lead PIO (Principal Investment Officer) and sleeve manager James Terrile from the fund. Terrile's departure marks the sixth sleeve manager departure since 2020 and coincides with a period of weak relative performance for the strategy. Seven sleeve managers remain, including new lead PIO Cheryl Frank, who has managed assets here since 2018 and been a co-PIO since 2021. We are placing the fund on watch while monitoring the transition of lead PIO.

**ESG Metrics**

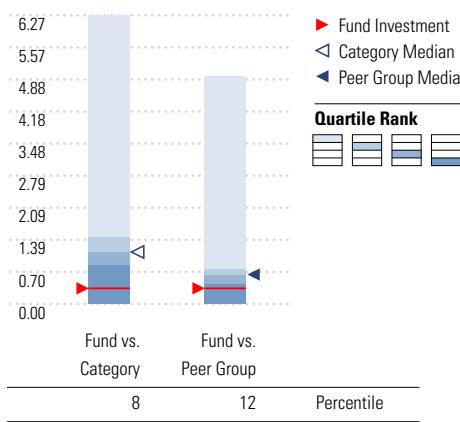
Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022

**Growth of \$10,000**

Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
1.11	9.37	22.41	-1.58	26.74	21.79	24.07	-28.53	31.41	21.52	Total Return %
-4.56	2.29	-7.80	-0.07	-9.65	-16.70	-3.53	0.61	-11.27	-11.84	+/- Benchmark
-2.49	6.14	-5.26	0.51	-5.16	-14.07	3.62	1.38	-5.33	-7.44	+/- Category
72	7	83	44	89	85	39	43	69	82	Tot Ret % Rank in Cat
1,424	1,261	1,201	1,241	1,193	1,179	1,191	1,196	1,187	1,117	# of Funds in Cat
33	31	25	27	32	27	35	28	31	27	Turnover %
—	—	0.36	0.36	0.36	0.34	0.33	0.33	0.33	0.33	Expense Ratio

**Trailing Performance**

3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2024
2.01	21.52	4.50	11.51	11.28	13.98	Fund Return %
7.07	33.36	10.47	18.96	16.78	12.39	Benchmark Return %
5.39	28.96	6.74	15.42	14.02	—	Category Average %
82	82	80	89	89	—	% Rank in Category
1,134	1,117	1,050	980	762	—	# of Funds in Category

**Net Expense****3-Year Risk Metrics**

	Fund	Bmark	Cat
Alpha	-4.62	—	-3.44
Beta	0.89	—	1.01
R-Squared	93.56	—	93.27
Standard Deviation	19.08	20.62	21.65
Sharpe Ratio	0.11	0.39	0.22
Tracking Error	5.31	—	5.64
Information Ratio	-1.13	—	-0.72
Up Capture Ratio	81.52	—	94.60
Down Capture Ratio	96.93	—	106.64

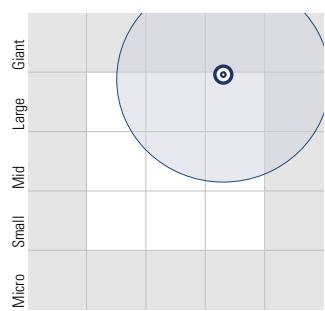
**Portfolio Metrics**

	Fund	Bmark	Cat
Price/Earnings Ratio	34.55	37.05	35.56
Price/Book Ratio	7.21	12.32	9.42
Geom Avg Mkt Cap \$B	256.56	747.44	586.06
ROE	29.10	43.76	40.58

# American Funds AMCAP R6 RAFGX

## 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

	10	35	30
Value	1	6	14
Blend	1	2	1
Growth			

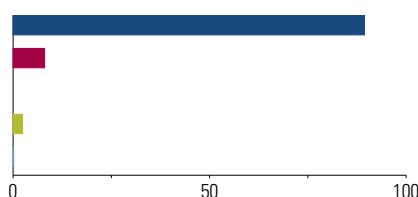
Large

Mid

Small

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

## Asset Allocation as of 12-31-2024



Morningstar Category



Morningstar Index

Russell 1000 Growth TR USD

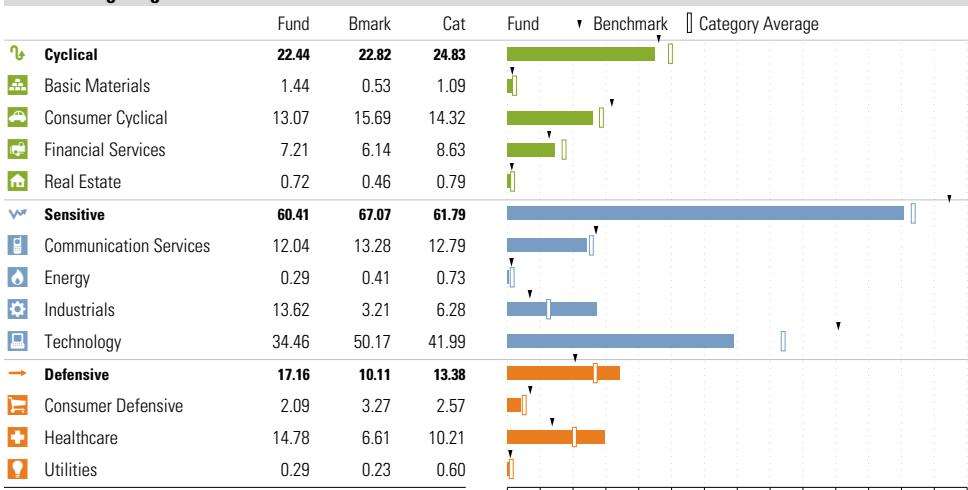
Asset Class

Net %

Cat%

US Stocks	89.42	93.72
Non-US Stocks	8.03	4.29
Bonds	0.00	0.00
Cash	2.40	1.13
Other	0.15	0.86
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## 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
Microsoft Corp	6.25	6.25	12.91	Technology
Broadcom Inc	5.65	11.90	–	Technology
Amazon.com Inc	5.15	17.05	44.39	Consumer Cyclical
Meta Platforms Inc Class A	3.49	20.54	–	Communication Svc
Alphabet Inc Class A	3.48	24.02	35.94	Communication Svc
Apple Inc	3.41	27.43	30.58	Technology
Salesforce Inc	3.00	30.44	27.66	Technology
TransDigm Group Inc	2.77	33.20	32.69	Industrials
Eli Lilly and Co	2.72	35.93	33.33	Healthcare
NVIDIA Corp	2.58	38.50	171.24	Technology
Mastercard Inc Class A	2.13	40.63	24.08	Financial Services
Alphabet Inc Class C	2.08	42.71	35.56	Communication Svc
Capital Group Central Cash Fund	2.07	44.78	–	–
Taiwan Semiconductor Manufacturing Co Ltd	1.57	46.35	–	Technology
Thermo Fisher Scientific Inc	1.39	47.74	-1.70	Healthcare

**Total Holdings 178**

Increase Decrease New to Portfolio

# American Funds American Balanced R6 RLBGX

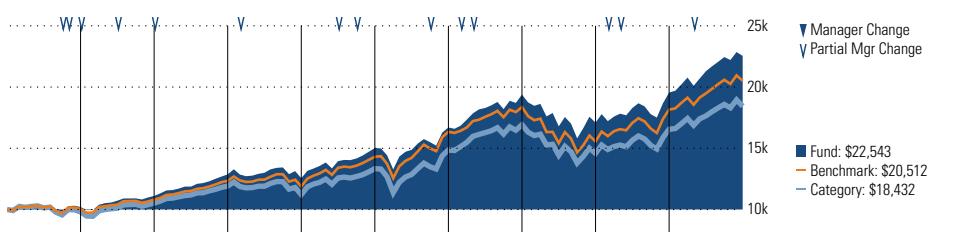
Morningstar Category  
Moderate Allocation

Morningstar Index  
Morningstar US Mod Tgt Alloc NR USD

## Portfolio Manager(s)

Hilda Applbaum since 01-1999  
Alan Berro since 03-2006  
Paul Benjamin since 07-2014  
Alan Wilson since 01-2016  
John Queen since 07-2016  
Pramod Atluri since 03-2018  
Mark Casey since 10-2019  
Ritchie Tuazon since 10-2020  
Mathews Cherian since 05-2021  
Jin Lee since 03-2023  
Chit Purani since 03-2023  
Irfan Furniturewala since 05-2023

## Growth of \$10,000



## Quantitative Screens

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

✓ **Management:** The fund's management has been in place for 26.02 years.

✓ **Style:** The fund has landed in its primary style box — Large Blend — 90 % of the time over the past three years.

✓ **Net Expense:** The fund's expense ratio of 0.25 is 75.25% lower than the Moderate Allocation category average.

## Morningstar Investment Management LLC Analysis

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

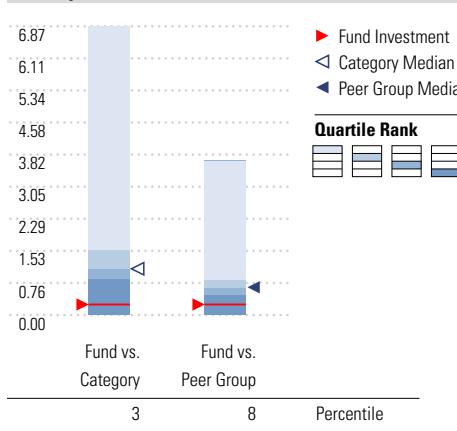
## ESG Metrics

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

## 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	1.50	—	-0.80
Beta	0.96	—	0.97
R-Squared	96.99	—	94.01
Standard Deviation	11.99	12.33	12.37
Sharpe Ratio	0.13	0.02	-0.06
Tracking Error	2.14	—	2.81
Information Ratio	0.66	—	-0.49
Up Capture Ratio	102.45	—	95.93
Down Capture Ratio	94.79	—	100.83

## Portfolio Metrics

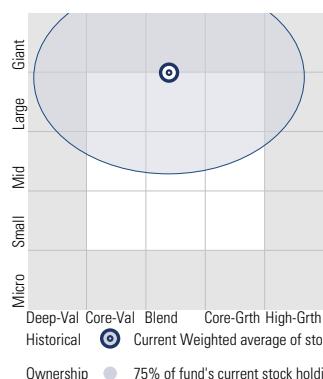
	Fund	Bmark	Cat
Price/Earnings Ratio	25.49	23.29	23.65
Price/Book Ratio	4.34	3.38	3.49
Avg Eff Duration	6.49	5.94	4.87

# American Funds American Balanced R6 RLBGX

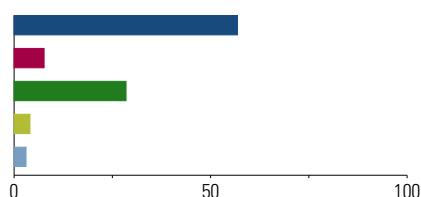
Morningstar Category  
Moderate AllocationMorningstar Index  
Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 12-31-2024

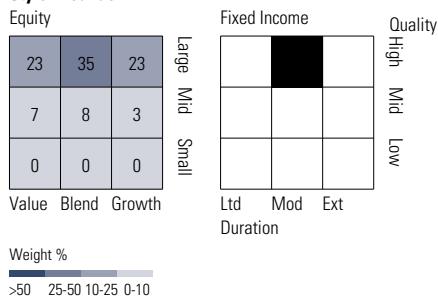
Morningstar Style Box™



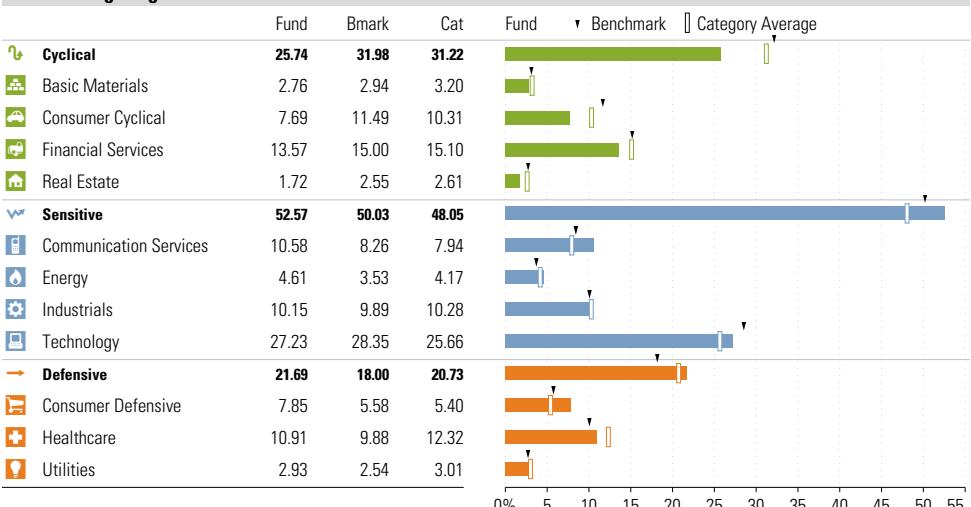
## Asset Allocation as of 12-31-2024



## Style Breakdown



## Sector Weighting as of 12-31-2024



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Broadcom Inc	–	6.01	6.01	–	Technology
⊖ Capital Group Central Cash Fund	–	4.91	10.92	–	–
⊖ Microsoft Corp	–	3.30	14.22	12.91	Technology
⊕ Cap Grp Cent Fd Ser I	–	2.73	16.95	–	–
Taiwan Semiconductor Manufacturing Co Ltd ADR	–	2.07	19.02	92.12	Technology
⊖ Meta Platforms Inc Class A	–	1.92	20.93	–	Communication Svc
⊖ Philip Morris International Inc	–	1.83	22.76	–	Consumer Defensive
⊖ Alphabet Inc Class C	–	1.79	24.55	35.56	Communication Svc
⊕ Amazon.com Inc	–	1.78	26.33	44.39	Consumer Cyclical
⊖ UnitedHealth Group Inc	–	1.49	27.82	-2.36	Healthcare

**Total Holdings 3732**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category

Large Blend

Morningstar Index

S&amp;P 500 TR USD

## Portfolio Manager(s)

James Lovelace since 03-1992

Donald O'Neal since 03-1992

Christopher Buchbinder since 03-2007

Grant Cambridge since 03-2014

Martin Romo since 07-2018

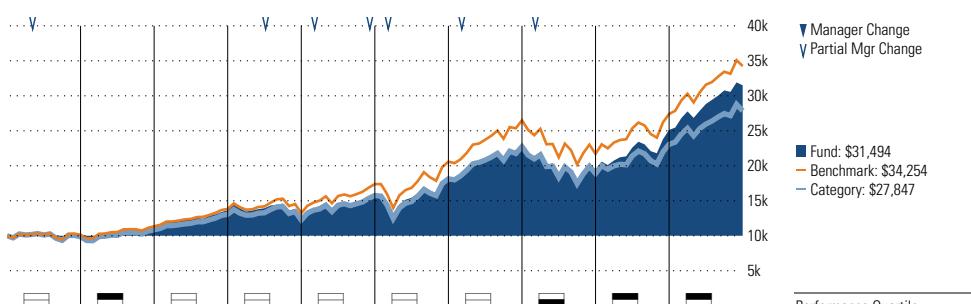
Aline Avzaradel since 03-2019

Martin Jacobs since 12-2019

James Terrile since 03-2020

Jessica Spaly since 03-2021

## Growth of \$10,000



## Quantitative Screens

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

**Management:** The fund's management has been in place for 32.86 years.

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

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

Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-1.15	14.93	20.06	-6.25	24.92	14.85	25.40	-15.26	28.88	25.33	Total Return %
-2.53	2.97	-1.77	-1.87	-6.57	-3.55	-3.31	2.85	2.59	0.31	+/- Benchmark
-0.08	4.56	-0.38	0.02	-3.86	-0.98	-0.67	1.70	6.56	3.88	+/- Category
55	7	63	58	87	61	67	31	11	19	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
30	25	28	36	31	39	22	31	29	—	Turnover %
—	—	0.30	0.29	0.28	0.27	0.27	0.27	0.27	—	Expense Ratio

## Trailing Performance



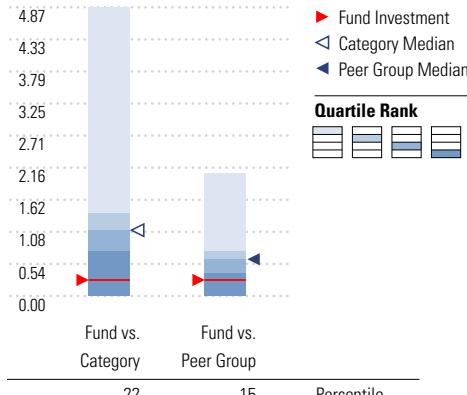
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022

## 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	2.61	—	-1.12
Beta	0.91	—	0.95
R-Squared	96.91	—	94.60
Standard Deviation	16.08	17.40	16.91
Sharpe Ratio	0.48	0.34	0.25
Tracking Error	3.23	—	3.56
Information Ratio	0.65	—	-1.26
Up Capture Ratio	97.04	—	92.39
Down Capture Ratio	87.34	—	96.94

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	27.91	27.14	27.37
Price/Book Ratio	4.67	4.77	4.95
Geom Avg Mkt Cap \$B	314.21	362.17	383.78
ROE	27.41	33.88	32.35

# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category

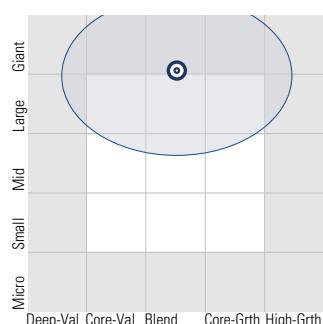
Morningstar Index

Large Blend

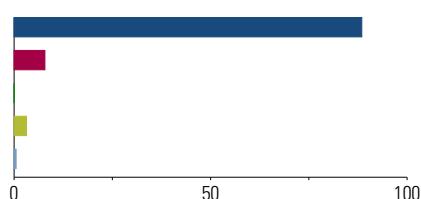
S&amp;P 500 TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



Asset Class

Net %

Cat%

US Stocks

88.47

96.07

Non-US Stocks

7.84

2.24

Bonds

0.03

-0.68

Cash

3.15

1.42

Other

0.51

0.95

Total

100.00

100.00

## Style Breakdown

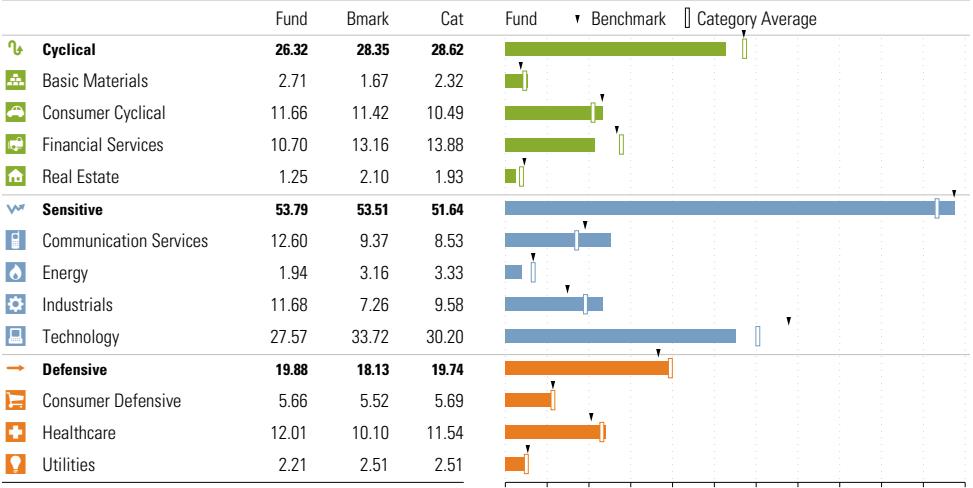
Equity

	23	38	21
Value	23	38	21
Blend	3	7	6
Growth	0	0	0

Weight %



## Sector Weighting as of 12-31-2024



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.90	6.90	12.91	Technology
⊕ Broadcom Inc	6.27	13.17	–	Technology
Meta Platforms Inc Class A	4.65	17.82	–	Communication Svc
⊖ Amazon.com Inc	4.00	21.82	44.39	Consumer Cyclical
⊖ Apple Inc	3.16	24.97	30.58	Technology
⊖ Capital Group Central Cash Fund	3.09	28.06	–	–
⊕ Alphabet Inc Class A	2.90	30.97	35.94	Communication Svc
⊖ Royal Caribbean Group	2.53	33.50	78.89	Consumer Cyclical
Alphabet Inc Class C	2.44	35.94	35.56	Communication Svc
⊕ British American Tobacco PLC	2.29	38.23	–	Consumer Defensive
⊕ UnitedHealth Group Inc	2.19	40.42	-2.36	Healthcare
⊖ GE Aerospace	2.04	42.46	62.03	Industrials
⊕ Salesforce Inc	1.73	44.19	27.66	Technology
⊖ Philip Morris International Inc	1.64	45.82	–	Consumer Defensive
⊕ NVIDIA Corp	1.60	47.43	171.24	Technology

## Total Holdings 201

⊕ Increase ⊖ Decrease ✶ New to Portfolio

# American Funds New Perspective R6 RNPGX

Morningstar Category  
Global Large-Stock Growth

Morningstar Index  
MSCI ACWI NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

- Performance:** The fund has finished in the Global Large-Stock Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 24.1 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 0.41 is 61.32% lower than the Global Large-Stock Growth category average.

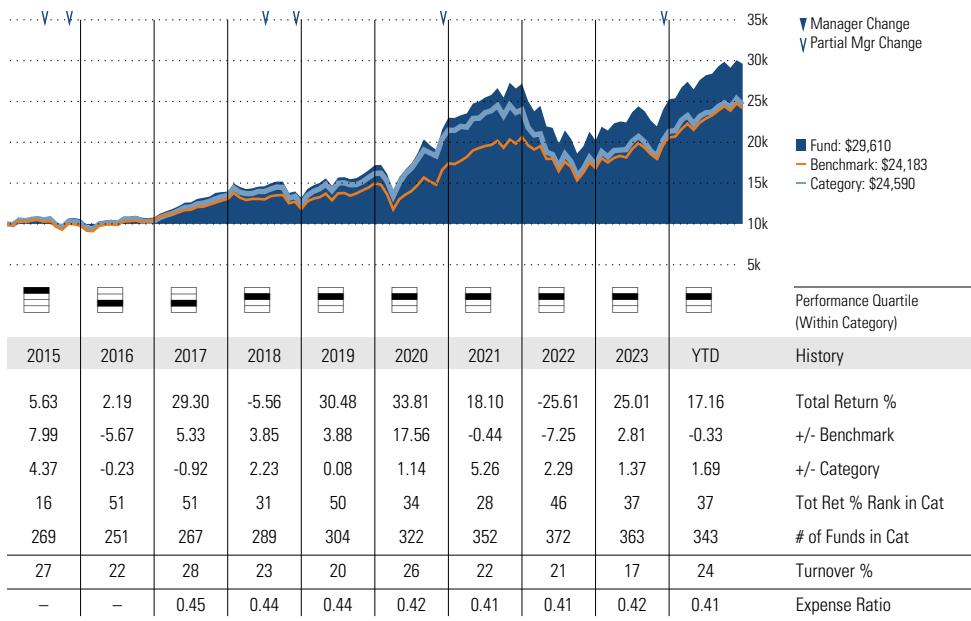
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## ESG Metrics

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

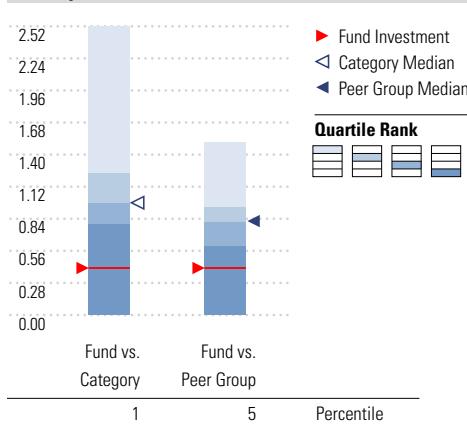
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.74	—	-3.71
Beta	1.09	—	1.14
R-Squared	96.76	—	89.47
Standard Deviation	18.20	16.43	19.94
Sharpe Ratio	0.02	0.15	-0.01
Tracking Error	3.59	—	6.91
Information Ratio	-0.71	—	-0.56
Up Capture Ratio	102.01	—	102.89
Down Capture Ratio	113.41	—	119.01

## Portfolio Metrics

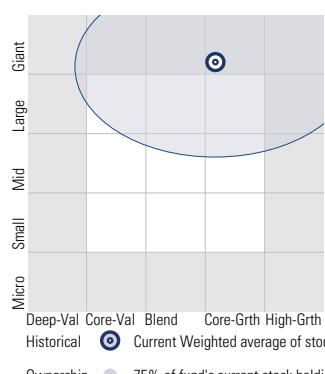
	Fund	Bmark	Cat
Price/Earnings Ratio	26.67	21.99	28.23
Price/Book Ratio	4.01	3.07	4.92
Geom Avg Mkt Cap \$B	194.76	175.32	225.13
ROE	25.41	27.62	29.97

# American Funds New Perspective R6 RNPGX

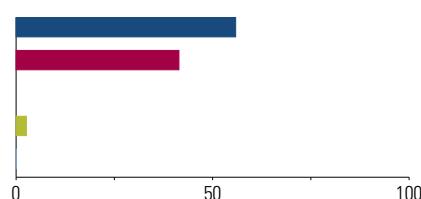
Morningstar Category: Global Large-Stock Growth  
Morningstar Index: MSCI ACWI NR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

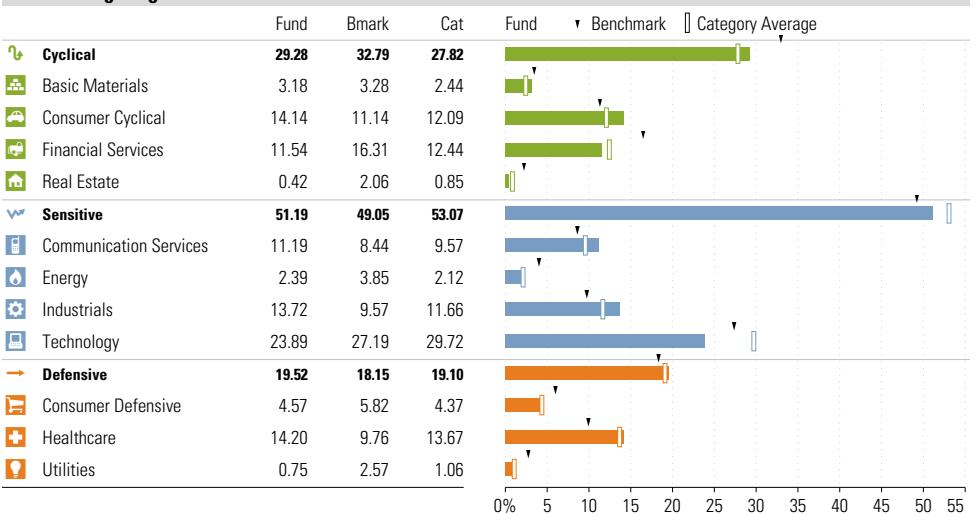


## Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	55.87	60.69
Non-US Stocks	41.43	37.21
Bonds	0.00	0.02
Cash	2.61	1.55
Other	0.09	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown

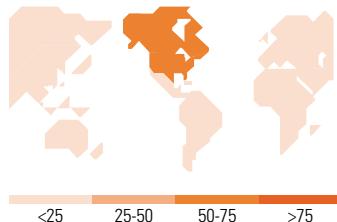
Equity

	Large	Mid	Small
16	33	39	
1	5	6	
0	0	0	

Value Blend Growth

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

## World Regions % Equity 12-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Fund %	Cat %	Market Maturity	Fund %
	11.56	12.80		61.85	65.90				
Greater Asia			Americas			Greater Europe			
Japan	3.31	4.03	North America	60.70	64.45	United Kingdom	5.16	4.47	Developed Markets
Australasia	0.38	0.26	Central/Latin	1.15	1.45	W euro-ex UK	21.23	16.48	Emerging Markets
Asia-4 Tigers	5.08	4.10				Emrgng Europe	0.00	0.00	Not Available
Asia-ex 4 Tigers	2.79	4.41				Africa	0.21	0.35	0.00
Not Classified	0.00	0.00							

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Meta Platforms Inc Class A	3.76	3.76	—	Communication Svc
Broadcom Inc	3.50	7.26	—	Technology
Microsoft Corp	3.37	10.63	12.91	Technology
Taiwan Semiconductor Manufacturing Co Ltd	3.30	13.93	—	Technology
Tesla Inc	3.18	17.11	—	Consumer Cyclical
Capital Group Central Cash Fund	2.63	19.74	—	—
NVIDIA Corp	2.36	22.10	171.24	Technology
Novo Nordisk AS Class B	1.90	24.00	—	Healthcare
Netflix Inc	1.59	25.59	83.07	Communication Svc
Amazon.com Inc	1.49	27.08	44.39	Consumer Cyclical

**Total Holdings 267**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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.

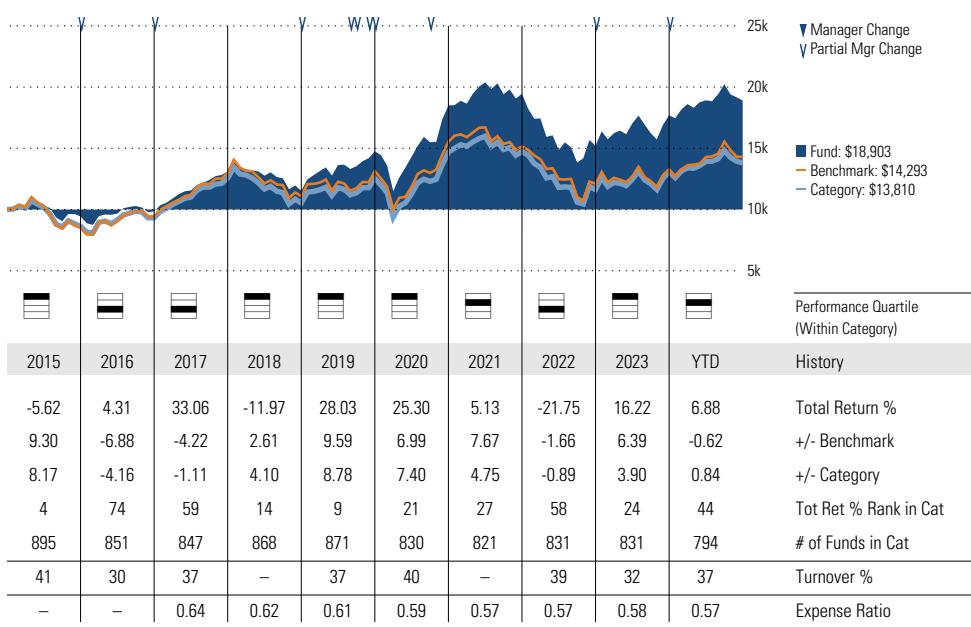
## Morningstar Investment Management LLC Analysis

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

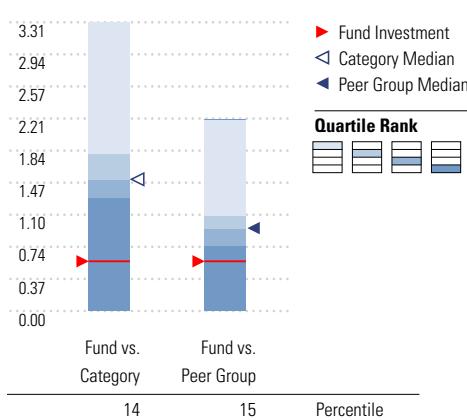
## Growth of \$10,000



## 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

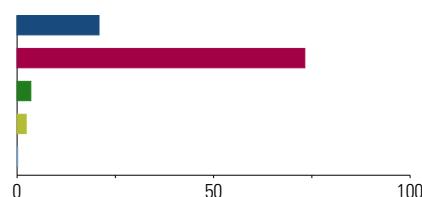
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

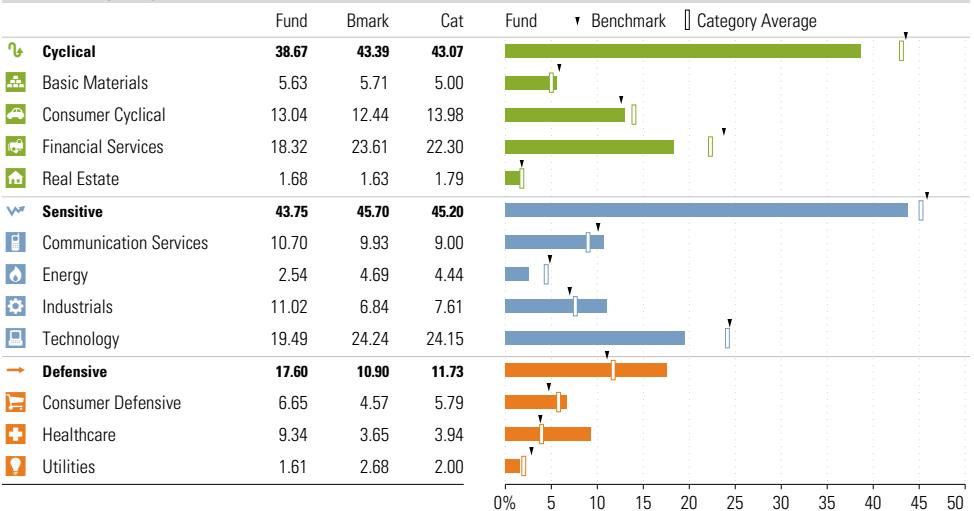


## Asset Allocation as of 12-31-2024



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>

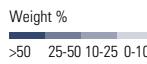
## Sector Weighting as of 12-31-2024



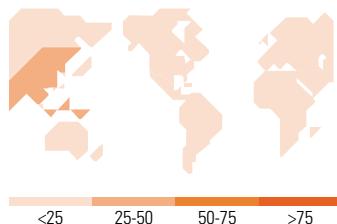
## Style Breakdown

Equity

	Large	Mid	Small
Value	12	28	49
Blend	2	4	3
Growth	1	0	0



## 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&amp;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.

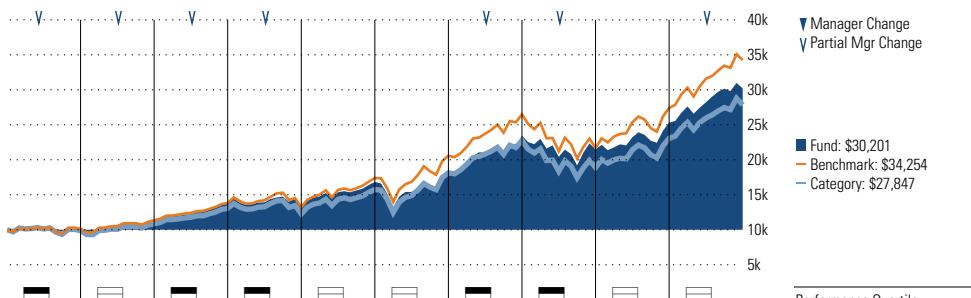
## Morningstar Investment Management LLC Analysis

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

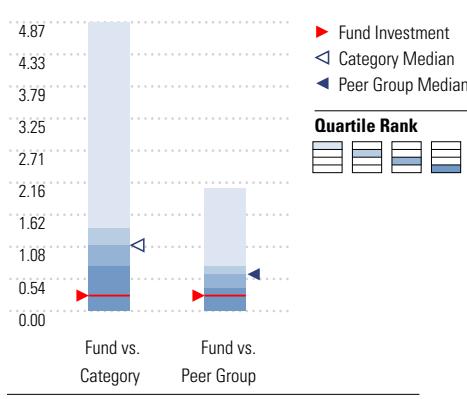


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
0.12	13.73	20.54	-2.66	25.93	8.08	28.90	-8.18	17.59	19.34	Total Return %
-1.26	1.77	-1.29	1.72	-5.56	-10.32	0.19	9.93	-8.70	-5.68	+/- Benchmark
1.19	3.36	0.10	3.61	-2.85	-7.75	2.83	8.78	-4.73	-2.11	+/- 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



Fund Investment

Category Median

Peer Group Median

## Quartile Rank



## 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

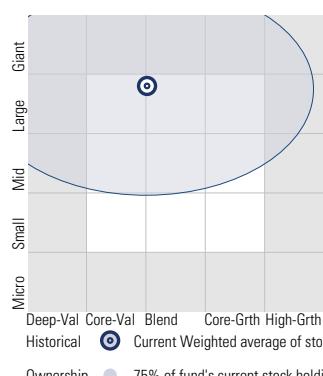
Morningstar Index

Large Blend

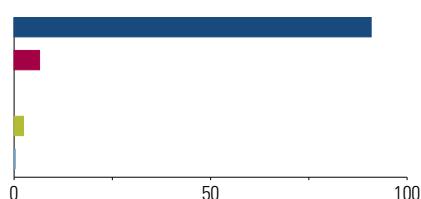
S&amp;P 500 TR USD

## 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

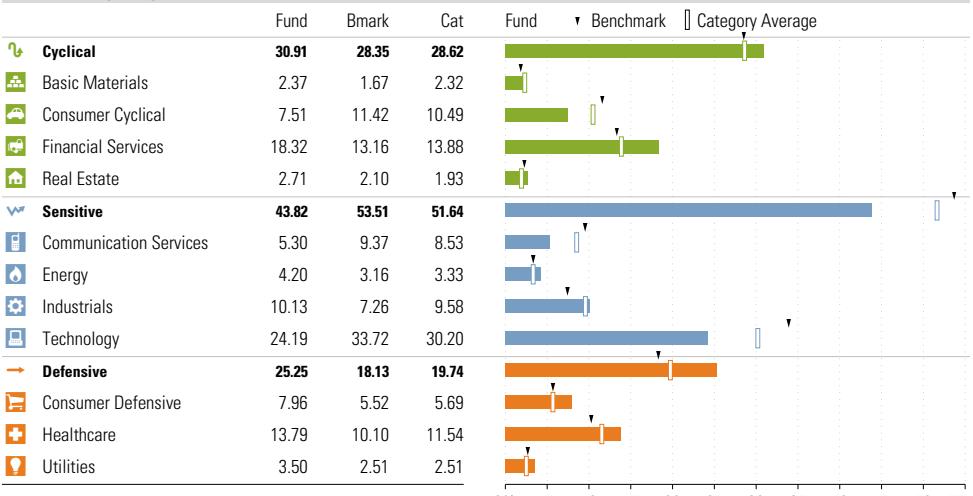
Other

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

# Baird Aggregate Bond Inst BAGIX

Morningstar Category  
Intermediate Core Bond

Morningstar Index  
Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

M. Sharon deGuzman since 09-2000

Mary Ellen Stanek since 09-2000

Charles Groeschell since 09-2000

Warren Pierson since 09-2000

Meghan Dean since 05-2019

Jay Schwister since 05-2019

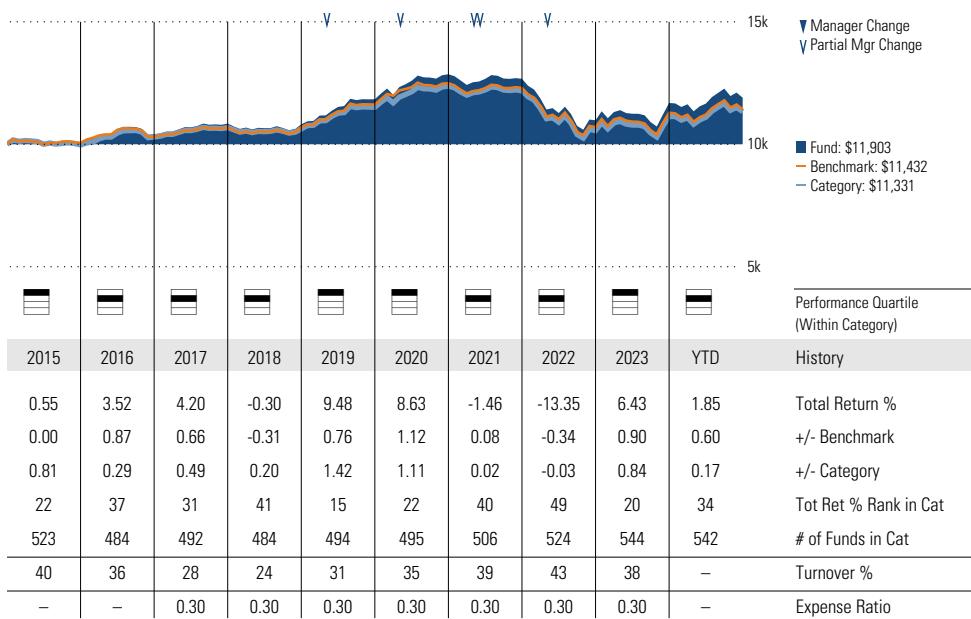
Jeffrey Schrom since 05-2019

Patrick Brown since 05-2021

Abhishek Pulakanti since 05-2022

Andrew O'Connell since 05-2022

## Growth of \$10,000



## Quantitative Screens

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

✓ **Management:** The fund's management has been in place for 24.27 years.

Style Consistency is not calculated for Fixed Income funds.

✓ **Net Expense:** The fund's expense ratio of 0.3 is 41.18% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

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

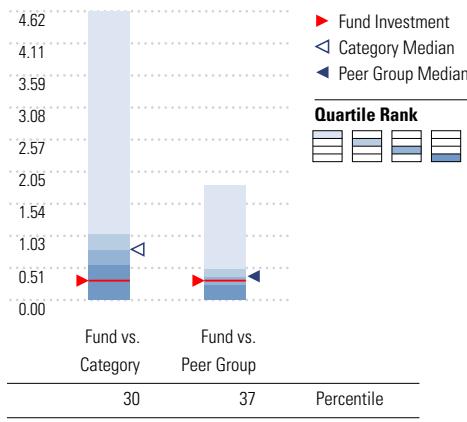
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
ESG Commitment	1-Low	02-15-2022

## 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	0.39	—	-0.01
Beta	1.01	—	0.98
R-Squared	99.67	—	98.24
Standard Deviation	7.95	7.83	7.75
Sharpe Ratio	-0.77	-0.82	-0.83
Tracking Error	0.47	—	0.96
Information Ratio	0.73	—	-0.14
Up Capture Ratio	102.21	—	97.64
Down Capture Ratio	99.02	—	97.81

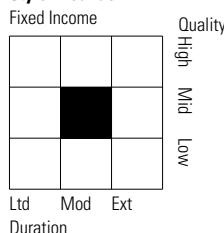
## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.08	4.43	5.86
Avg Eff Maturity	8.14	—	8.60

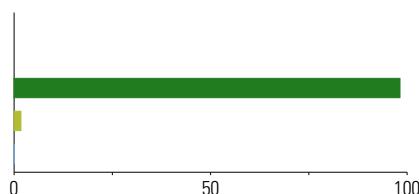
**Baird Aggregate Bond Inst** BAGIX

Style Analysis as of 12-31-2024

## Style Breakdown



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



**Morningstar Category**

### Intermediate Core Bond

Morningstar Index

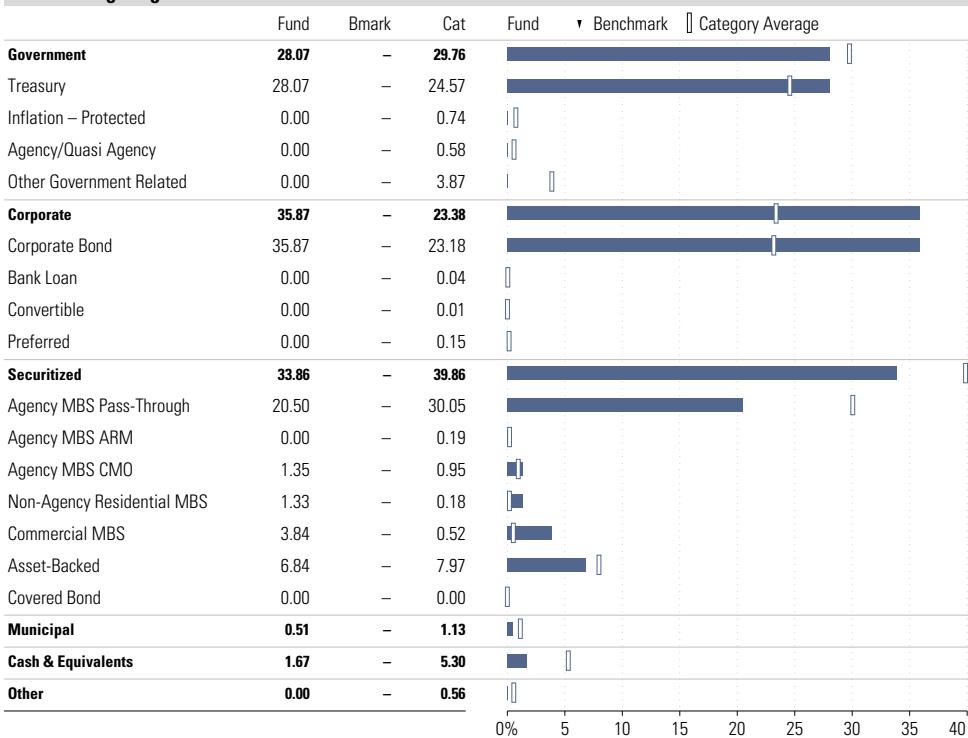
Bloomberg US Agg Bond TR USD

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## 2. *High Priority*

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	12.20	3.53	19.99
AA	53.90	74.59	46.54
A	12.90	10.82	20.32
BBB	20.80	8.32	11.86
BB	0.20	0.28	0.56
B	0.00	0.00	0.28
Below B	0.00	0.00	0.10
Not Rated	0.00	2.46	0.36

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



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 1.13%	10-2026	2.84	2.84	–
United States Treasury Bonds 3.88%	05-2043	1.68	4.52	–
United States Treasury Bonds 2.88%	05-2043	1.57	6.09	–
⊕ United States Treasury Bonds 2.38%	02-2042	1.53	7.62	–
United States Treasury Bonds 2.5%	02-2045	1.53	9.15	–
⊖ First American Government Obligs U	02-2030	1.41	10.55	–
United States Treasury Bonds 3.38%	08-2042	1.36	11.92	–
United States Treasury Bonds 2.88%	05-2052	1.32	13.24	–
⊖ United States Treasury Notes 3.88%	11-2027	1.29	14.53	–
⊕ United States Treasury Notes 4.13%	08-2030	1.26	15.80	–

**Total Holdings 1879**

⊕ Increase ⊖ Decrease ⚡ New to Portfolio

# BlackRock High Yield Instl

## BHYIX

**Morningstar Category**  
High Yield Bond

**Morningstar Index**  
ICE BofA US High Yield TR USD

**Portfolio Manager(s)**

Mitchell Garfin since 12-2009

David Delbos since 12-2014

**Quantitative Screens**

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

✓ **Management:** The fund's management has been in place for 15.01 years.

Style Consistency is not calculated for Fixed Income funds.

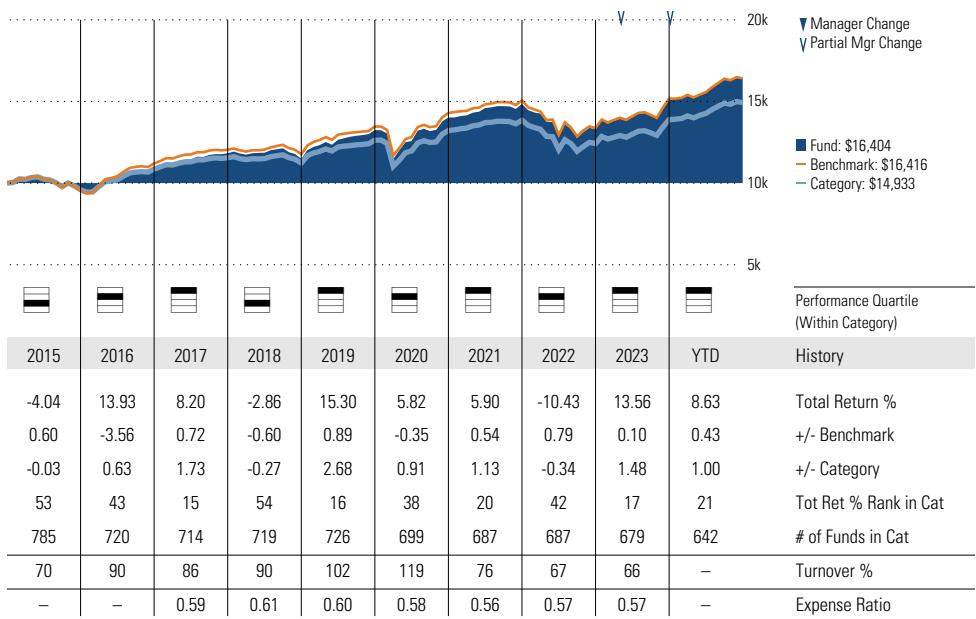
✓ **Net Expense:** The fund's expense ratio of 0.58 is 34.09% lower than the High Yield Bond category average.

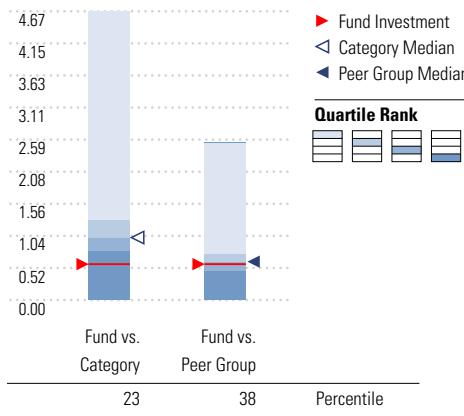
**Morningstar Investment Management LLC Analysis**

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

**ESG Metrics**

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

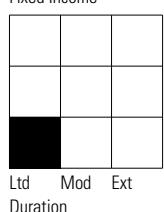
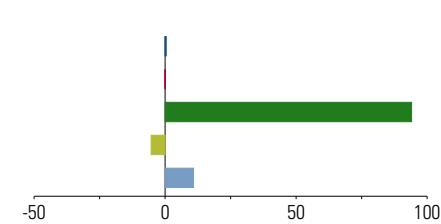
**Growth of \$10,000**

**Trailing Performance**

**Net Expense**


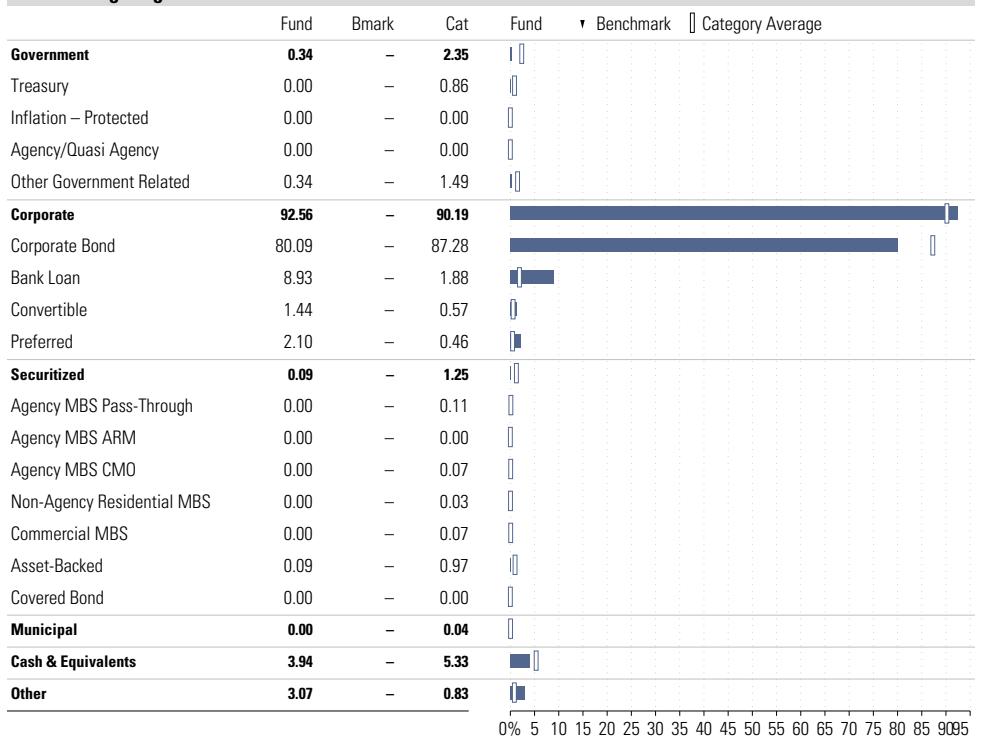
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

**BlackRock High Yield Instl****BHYIX****Morningstar Category**  
High Yield Bond**Morningstar Index**  
ICE BofA US High Yield TR USD**Style Analysis** as of 12-31-2024**Style Breakdown**

Fixed Income

Quality  
High  
Mid  
LowDuration  
Ltd Mod Ext**Asset Allocation** as of 12-31-2024

Asset Class	Net %	Cat%
US Stocks	0.41	0.57
Non-US Stocks	0.01	0.05
Bonds	94.07	93.73
Cash	-5.33	3.63
Other	10.85	2.02
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⌘ Cash Offset	—	8.74	8.74	—
⊕ iShares Broad USD High Yield Corp Bd ETF	—	4.87	13.61	—
⊕ Icex: (Cdx.Na.Hy.43.V1) Purchased	12-2029	2.79	16.40	—
⊕ EUR/USD Purchased	03-2025	1.57	17.97	—
⊖ EUR/USD Purchased	03-2025	1.55	19.52	—
TRSWAP: IBOXHY INDEX	03-2025	1.05	20.57	—
HUB International Ltd.	01-2032	1.03	21.59	—
⊕ BlackRock Liquidity T-Fund Instl	—	0.96	22.55	—
Venture Global LNG Inc.	12-2079	0.96	23.51	—
HUB International Ltd.	06-2030	0.82	24.32	—

**Total Holdings 1554**

⊕ Increase ⊖ Decrease ⚡ New to Portfolio

# Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category  
Ultrashort Bond

Morningstar Index  
Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

Susan Hill since 07-1997

Liam O'Connell since 11-2010

## Quantitative Screens

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

✓ **Management:** The fund's management has been in place for 27.5 years.

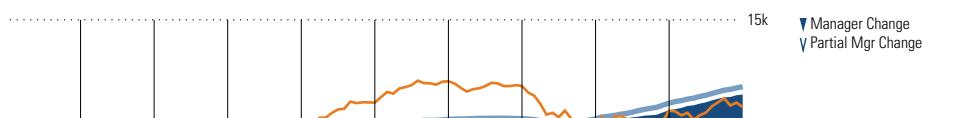
Style Consistency is not calculated for Fixed Income funds.

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

## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments. We believe those results are consistent with the strategy and do not merit putting the fund on watch at this time.

## Growth of \$10,000

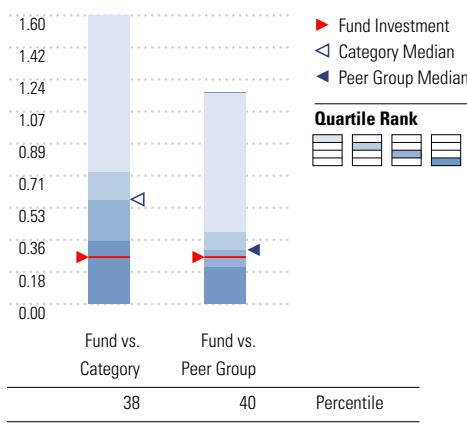


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
0.07	0.40	1.06	1.88	2.14	1.48	-0.06	0.43	5.10	5.65	Total Return %
-0.48	-2.25	-2.48	1.87	-6.58	-6.03	1.48	13.44	-0.43	4.40	+/- Benchmark
-0.10	-1.01	-0.38	0.27	-0.94	0.14	-0.26	0.57	-0.86	-0.14	+/- Category
63	92	74	26	94	50	76	39	81	52	Tot Ret % Rank in Cat
174	172	188	202	218	226	231	226	236	255	# of Funds in Cat
22	8	19	18	31	26	30	34	76	10	Turnover %
—	—	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	Expense Ratio

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.84	—	3.95
Beta	0.09	—	0.10
R-Squared	56.82	—	37.67
Standard Deviation	0.94	7.83	1.24
Sharpe Ratio	-0.82	-0.82	-0.63
Tracking Error	7.15	—	7.15
Information Ratio	0.85	—	0.87
Up Capture Ratio	24.65	—	24.45
Down Capture Ratio	-8.75	—	-9.67

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.69	4.43	1.10
Avg Eff Maturity	—	—	1.85

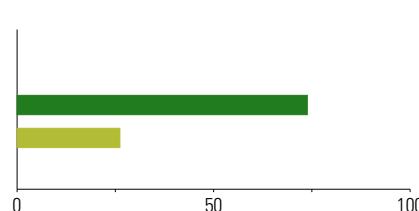
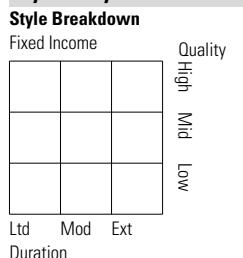
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

# Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category  
Ultrashort 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



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

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

**Total Holdings 230**

⊕ Increase ⊖ Decrease \* New to Portfolio

# PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category

Commodities Broad Basket

Morningstar Index

Bloomberg Commodity TR USD

## Portfolio Manager(s)

Greg Sharenow since 11-2018

Stephen Rodosky since 01-2019

Andrew Dewitt since 02-2022

## Quantitative Screens

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

 **Management:** The fund's management has been in place for 6.17 years.

Style Consistency is not calculated for Fixed Income funds.

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

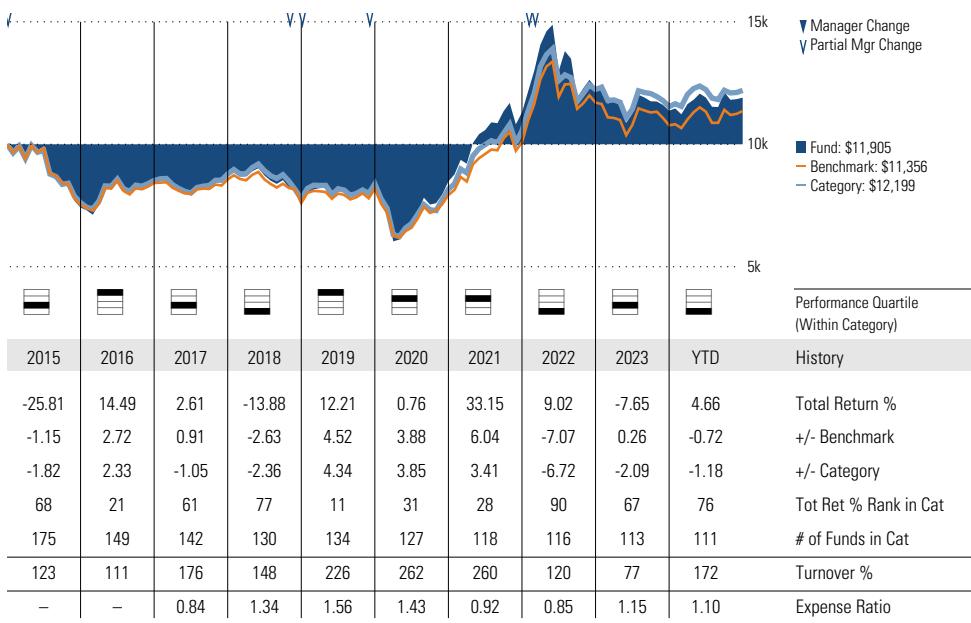
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

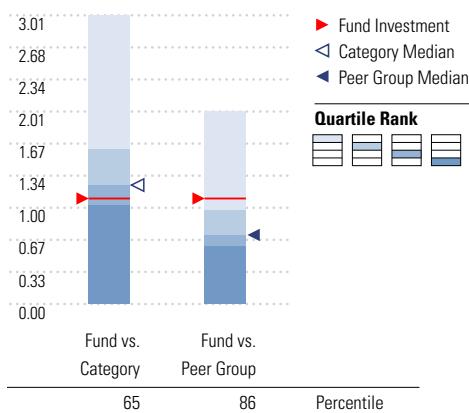
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.43	—	0.68
Beta	1.10	—	0.94
R-Squared	95.49	—	87.54
Standard Deviation	16.33	14.53	14.58
Sharpe Ratio	-0.07	0.06	0.08
Tracking Error	3.75	—	4.77
Information Ratio	-0.61	—	-0.10
Up Capture Ratio	98.95	—	90.10
Down Capture Ratio	111.91	—	85.87

## Portfolio Metrics

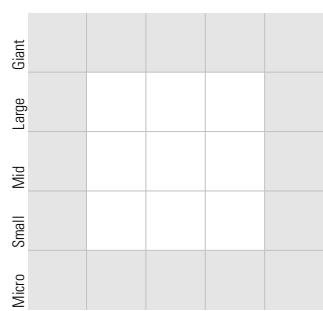
	Fund	Bmark	Cat
Price/Earnings Ratio	12.27	—	10.23
Price/Book Ratio	3.56	—	1.35
Geom Avg Mkt Cap \$B	16.44	—	12.10
ROE	29.97	—	13.80

# PIMCO Commodity Real Return Strat I2 PCRPX

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

## Style Analysis as of 12-31-2024

Morningstar Style Box™

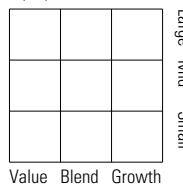


Deep-Val Core-Val Blend Core-Grth High-Grth  
Historical Current Weighted average of stock holdings

Ownership 75% of fund's current stock holdings

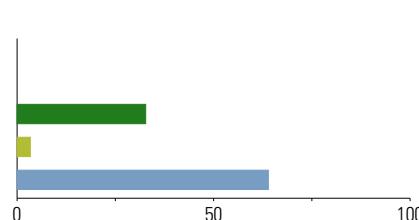
## Style Breakdown

Equity

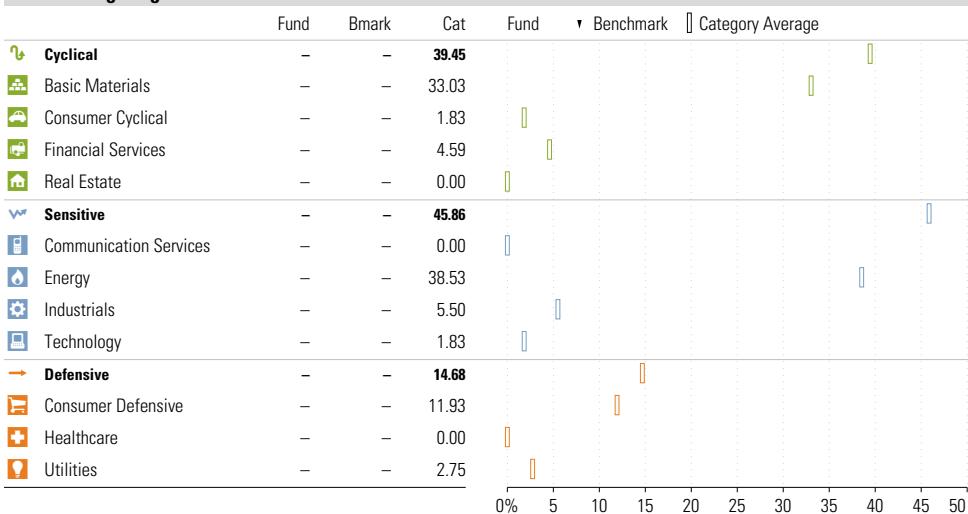


Value Blend Growth  
Weight %  
>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay	29.21	29.21	—	—
⊖ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive	29.17	58.38	—	—
⊗ Offset: Unsettled Trades	23.35	81.73	—	—
⊖ 2 Year Treasury Note Future Dec 24	21.27	103.01	—	—
⊕ IRS EUR 2.50000 03/19/25-10Y LCH Receive	14.96	117.97	—	—
⊕ IRS EUR 2.50000 03/19/25-10Y LCH Pay	14.73	132.70	—	—
⊕ Pimco Cayman Cmdty Fd Ltd Instl	14.35	147.05	—	—
⊖ 10 Year Treasury Note Future Dec 24	11.73	158.78	—	—
⊕ TRS R 5.33/91282CDC2 BPS	11.48	170.26	—	—
⊕ JAPANESE YEN Purchased	10.15	180.41	—	—
⊕ JAPANESE YEN Sold	10.00	190.41	—	—
⊖ 3 Month Euribor Future Sept25	9.51	199.92	—	—
⊕ 3 Month Euribor Future Sept26	9.50	209.43	—	—
⊖ EUROPEAN MONETARY UNION EURO Sold	9.39	218.82	—	—
⊖ EUROPEAN MONETARY UNION EURO Purchased	9.39	228.22	—	—

**Total Holdings 686**

⊕ Increase ⊖ Decrease ⊗ New to Portfolio

# PIMCO Income I2 PONPX

## Portfolio Manager(s)

Daniel Ivascyn since 03-2007

Alfred Murata since 03-2013

Joshua Anderson since 07-2018

## Quantitative Screens

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

Management: The fund's management has been in place for 17.77 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.93 is 5.1% lower than the Multisector Bond category average.

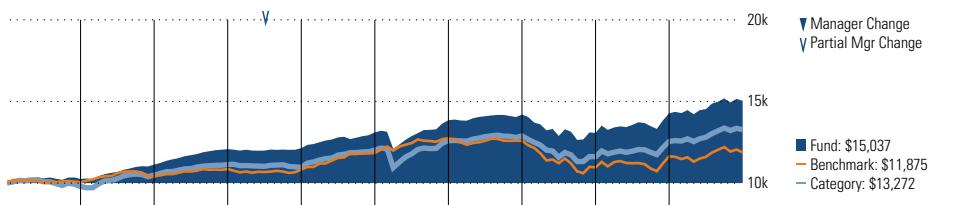
## Morningstar Investment Management LLC Analysis

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	4	11-30-2024

## Growth of \$10,000

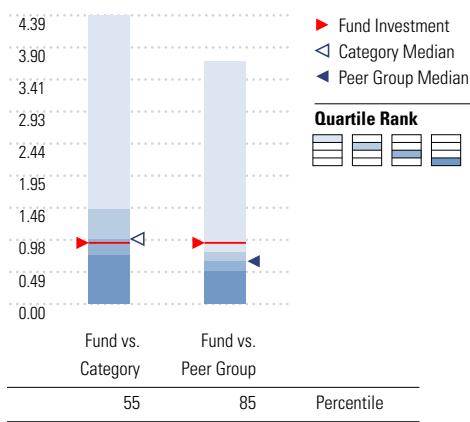


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
2.53	8.61	8.49	0.48	7.94	5.69	2.50	-7.90	9.21	5.31	Total Return %
2.10	4.70	4.40	0.73	-1.35	-1.89	3.60	5.09	3.04	3.27	+/- Benchmark
4.71	1.09	2.42	2.00	-1.86	0.85	0.01	1.95	1.08	-0.65	+/- Category
3	33	11	19	79	50	48	23	35	63	Tot Ret % Rank in Cat
359	333	341	357	347	353	369	372	378	372	# of Funds in Cat
164	52	190	211	472	421	396	319	426	588	Turnover %
—	—	0.55	1.05	1.15	1.19	0.72	0.61	0.72	0.93	Expense Ratio

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.52	—	2.51
Beta	0.82	—	0.78
R-Squared	88.86	—	79.76
Standard Deviation	6.72	7.70	6.68
Sharpe Ratio	-0.31	-0.78	-0.45
Tracking Error	2.63	—	3.52
Information Ratio	1.48	—	0.88
Up Capture Ratio	96.44	—	85.99
Down Capture Ratio	65.25	—	64.32

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.28	4.55	3.63
Avg Eff Maturity	4.34	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.

# PIMCO Income I2 PONPX

Morningstar Category

Multisector Bond

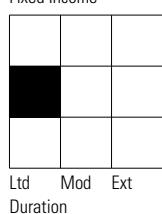
Morningstar Index

Bloomberg US Universal TR USD

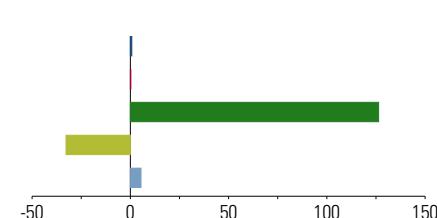
## Style Analysis as of 12-31-2024

## Style Breakdown

Fixed Income



## Asset Allocation as of 12-31-2024



&lt;/div

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

Morningstar Category  
Global Bond-USD HedgedMorningstar Index  
Bloomberg US Agg Bond TR USD**Portfolio Manager(s)**

Andrew Balls since 09-2014

Lorenzo Pagani since 09-2014

Sachin Gupta since 09-2014

**Quantitative Screens**

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

✓ **Management:** The fund's management has been in place for 10.27 years.

Style Consistency is not calculated for Fixed Income funds.

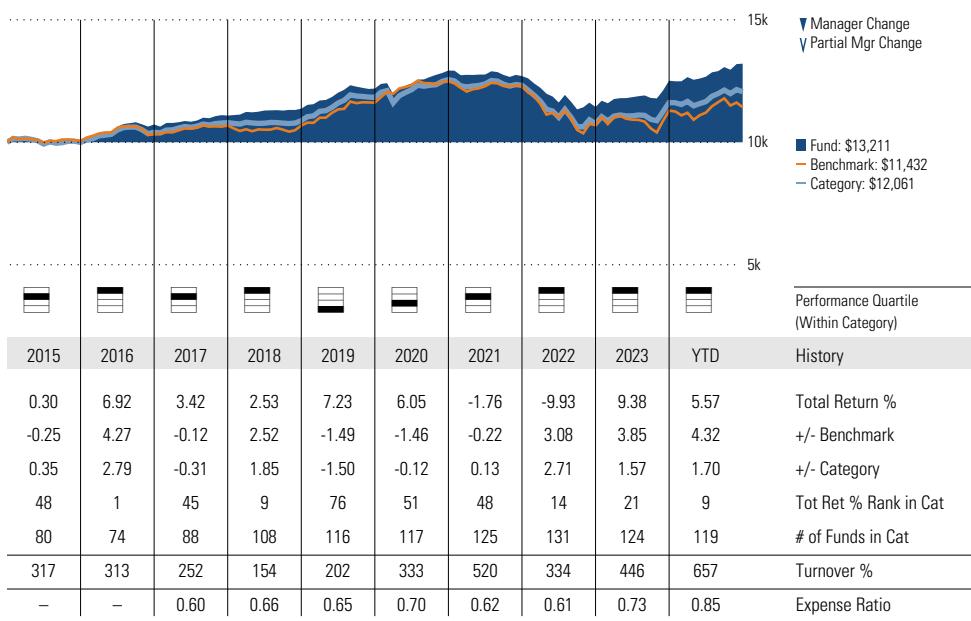
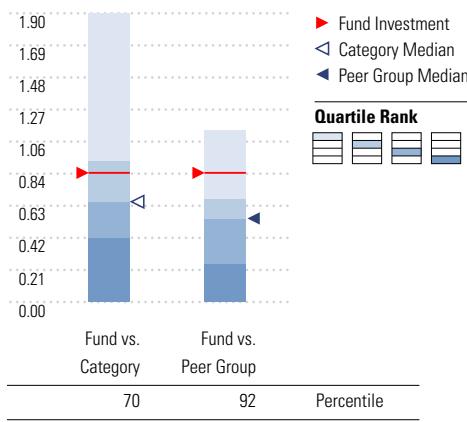
✓ **Net Expense:** The fund's expense ratio of 0.85 is 21.43% higher than the Global Bond-USD Hedged category average.

**Morningstar Investment Management LLC Analysis**

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

**ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024

**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	2.67	–	1.10
Beta	0.58	–	0.79
R-Squared	76.43	–	85.39
Standard Deviation	5.15	7.83	6.69
Sharpe Ratio	-0.56	-0.82	-0.75
Tracking Error	4.16	–	3.19
Information Ratio	0.90	–	0.51
Up Capture Ratio	66.37	–	82.07
Down Capture Ratio	43.66	–	72.99

**Portfolio Metrics**

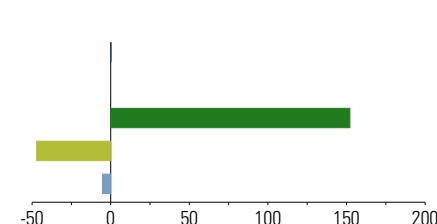
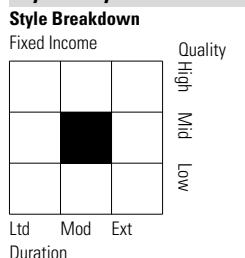
	Fund	Bmark	Cat
Avg Eff Duration	6.39	4.43	6.41
Avg Eff Maturity	7.06	–	8.65

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

Morningstar Category  
Global Bond-USD HedgedMorningstar Index  
Bloomberg US Agg Bond TR USD

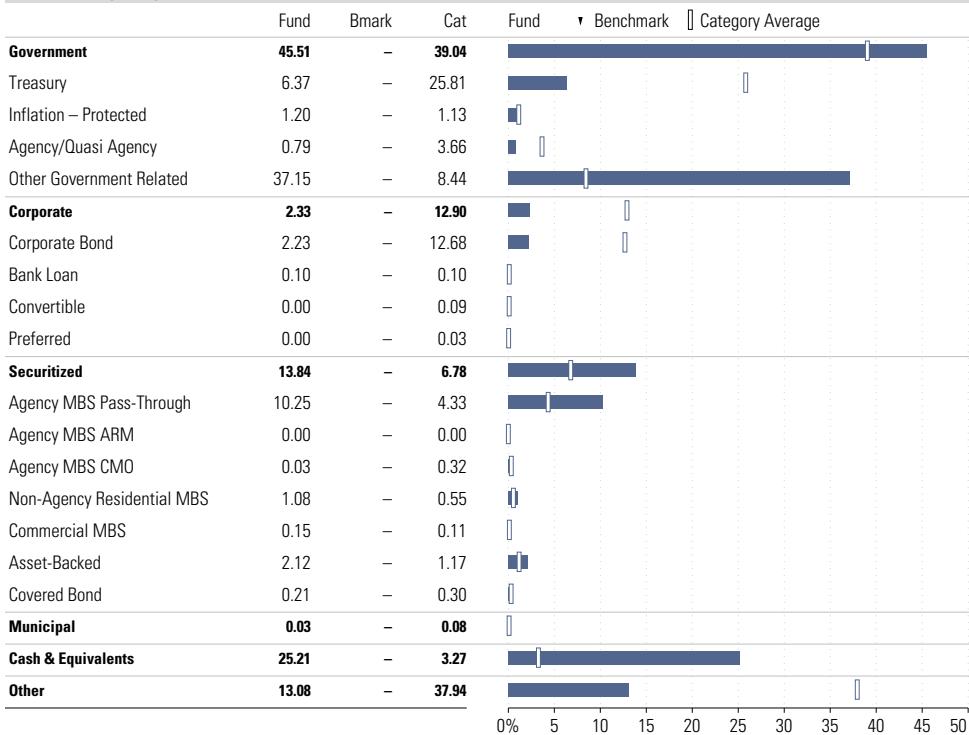
## Style Analysis as of 12-31-2024

## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	43.16	3.53	28.31
AA	9.68	74.59	16.63
A	21.40	10.82	24.97
BBB	21.93	8.32	21.42
BB	2.07	0.28	2.29
B	0.27	0.00	0.52
Below B	1.49	0.00	0.29
Not Rated	0.00	2.46	5.58



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Federal National Mortgage Association 6%	11-2054	15.15	15.15	—
⊖ 3 Month SOFR Future Mar 25	06-2025	14.57	29.71	—
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Receive	09-2029	14.19	43.90	—
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Pay	09-2029	13.89	57.78	—
⊕ IRS EUR 2.50000 03/19/25-10Y LCH Receive	03-2035	13.56	71.35	—
⊕ IRS EUR 2.50000 03/19/25-10Y LCH Pay	03-2035	13.36	84.70	—
⊕ IRS EUR 2.50000 03/19/25-5Y LCH Receive	03-2030	13.03	97.73	—
⊕ IRS EUR 2.50000 03/19/25-5Y LCH Pay	03-2030	12.80	110.53	—
⊗ Offset: Unsettled Trades	—	12.29	122.83	—
⊕ CDX IG43 5Y ICE	12-2029	10.87	133.70	—

Total Holdings 1602

⊕ 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.

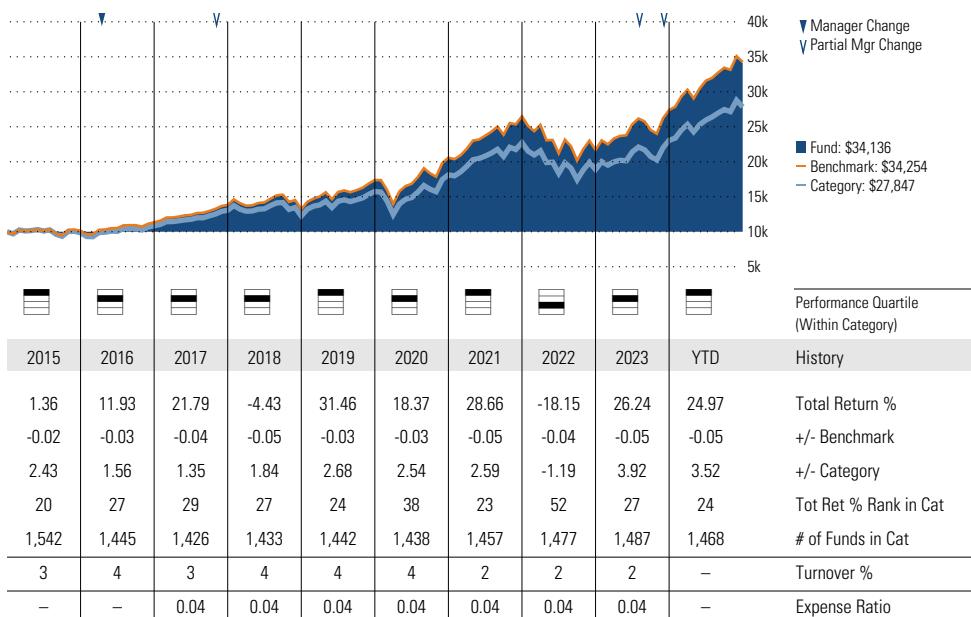
✓ **Net Expense:** The fund's expense ratio of 0.04 is 94.52% lower than the Large Blend category average.

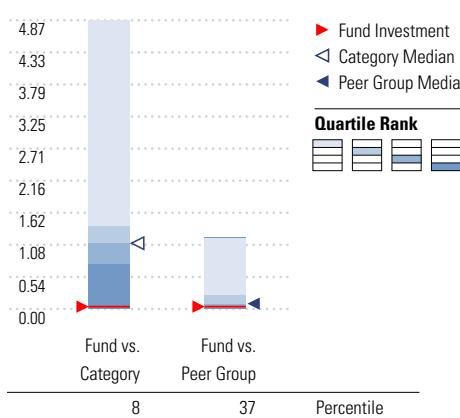
**Morningstar Investment Management LLC Analysis**

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

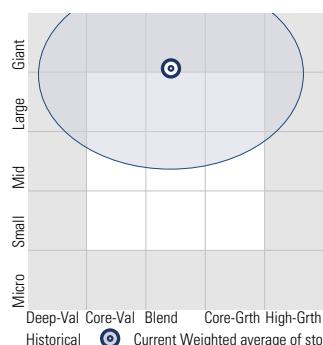
**Portfolio Metrics**

	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

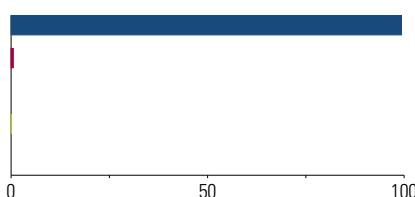
Equity

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

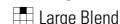
Weight %

>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

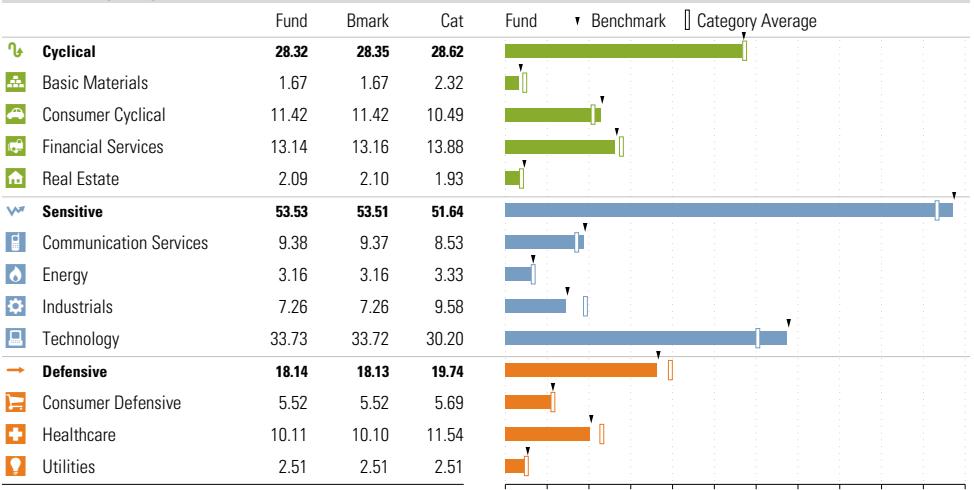
Net %

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.

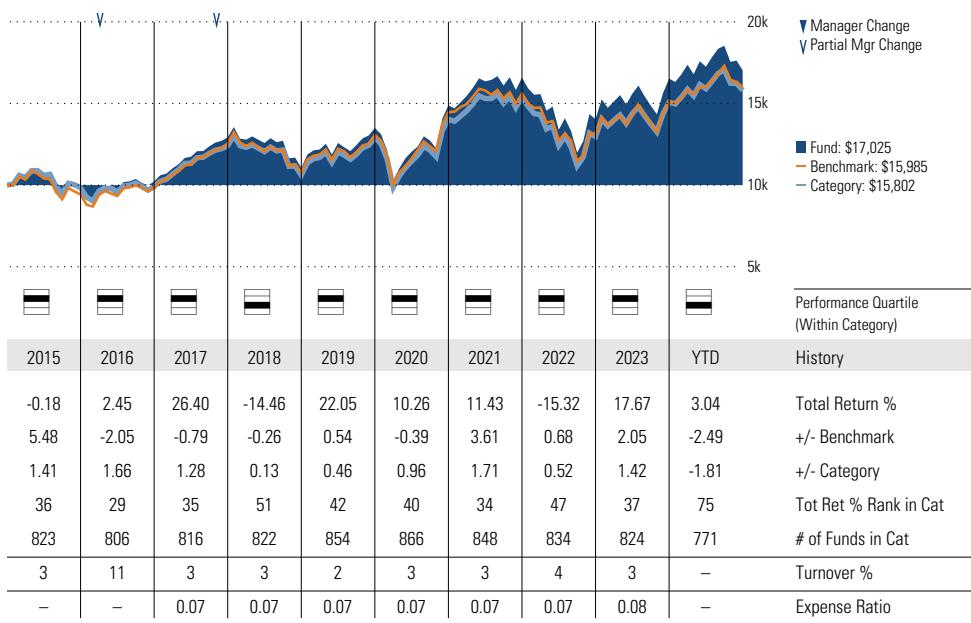
## Morningstar Investment Management LLC Analysis

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

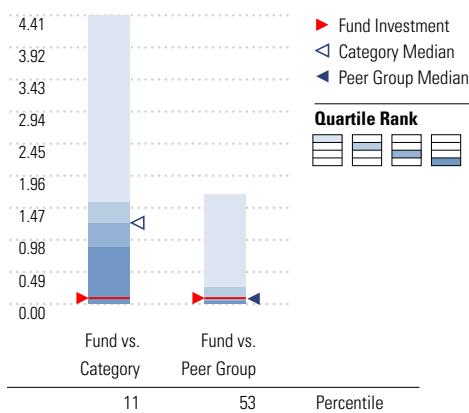
## Growth of \$10,000



## 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

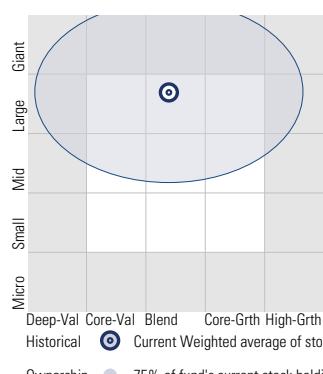
	Fund	Bmark	Cat
Price/Earnings Ratio	15.63	15.67	15.97
Price/Book Ratio	1.65	1.81	1.85
Geom Avg Mkt Cap \$B	32.20	50.11	58.43
ROE	15.42	16.85	17.76

# Vanguard Developed Markets Index Admiral VTMGX

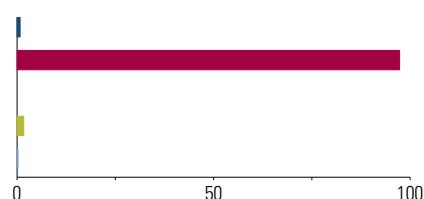
Morningstar Category  
Foreign Large BlendMorningstar Index  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

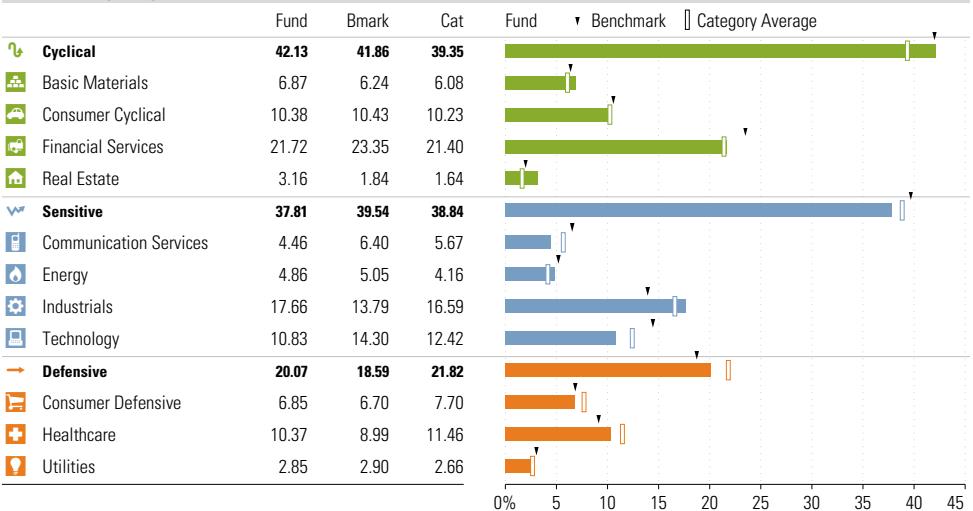


## Asset Allocation as of 12-31-2024



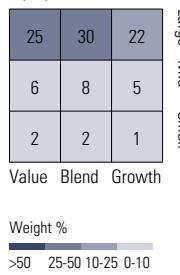
Asset Class	Net %	Cat%
US Stocks	0.76	3.62
Non-US Stocks	97.33	93.59
Bonds	0.00	-1.99
Cash	1.69	5.38
Other	0.23	-0.58
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024

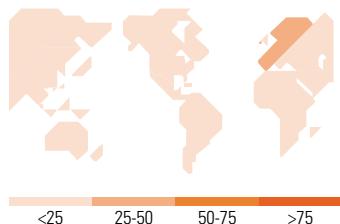


## Style Breakdown

Equity



## 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	Market Maturity		
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 International Growth Adm VWILX

Morningstar Category  
Foreign Large GrowthMorningstar Index  
MSCI EAFE NR USD**Portfolio Manager(s)**

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

**Quantitative Screens**

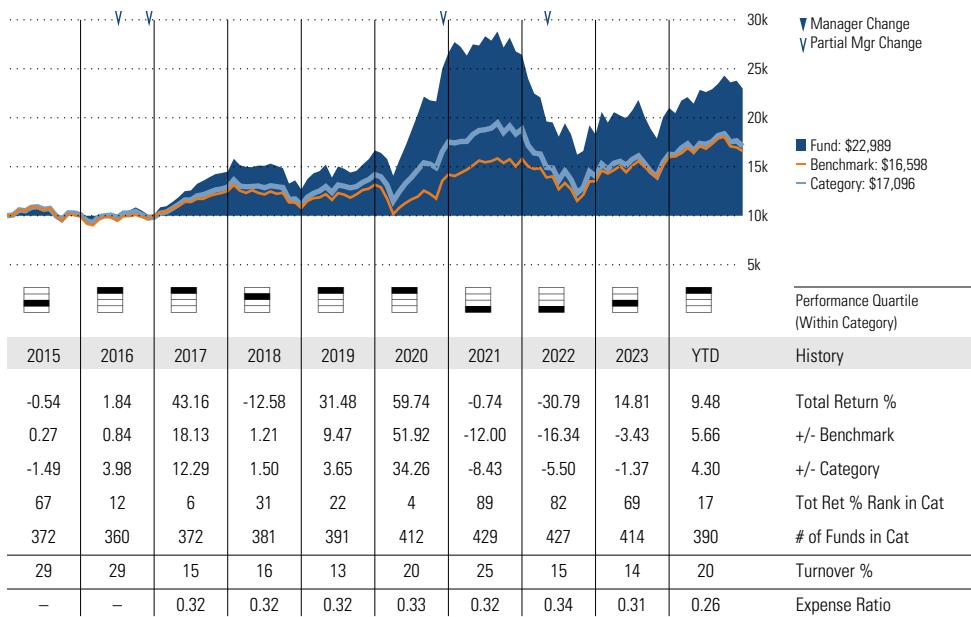
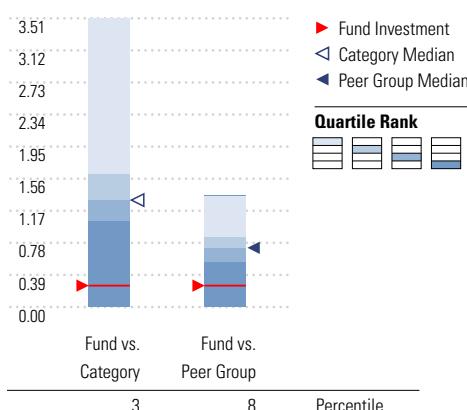
- ✓ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- ✓ **Management:** The fund's management has been in place for 15.02 years.
- ✓ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.
- ✓ **Net Expense:** The fund's expense ratio of 0.26 is 74% lower than the Foreign Large Growth category average.

**Morningstar Investment Management LLC Analysis**

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

**ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	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	-5.86	—	-4.61
Beta	1.23	—	1.11
R-Squared	83.22	—	87.77
Standard Deviation	22.71	16.85	19.99
Sharpe Ratio	-0.28	-0.07	-0.27
Tracking Error	10.08	—	7.35
Information Ratio	-0.61	—	-0.67
Up Capture Ratio	103.89	—	97.24
Down Capture Ratio	130.71	—	117.92

**Portfolio Metrics**

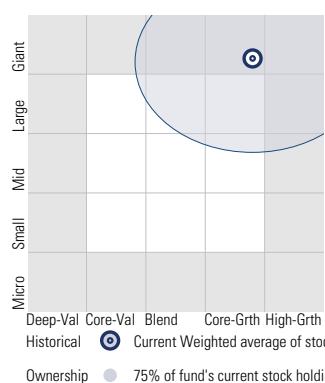
	Fund	Bmark	Cat
Price/Earnings Ratio	21.15	16.25	23.61
Price/Book Ratio	3.75	1.80	3.44
Geom Avg Mkt Cap \$B	83.48	51.93	69.18
ROE	23.70	17.02	22.03

# Vanguard International Growth Adm VWILX

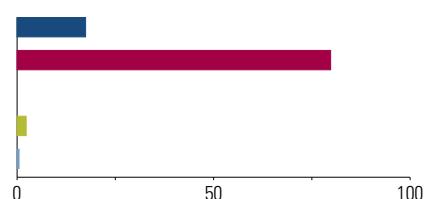
Morningstar Category  
Foreign Large GrowthMorningstar Index  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

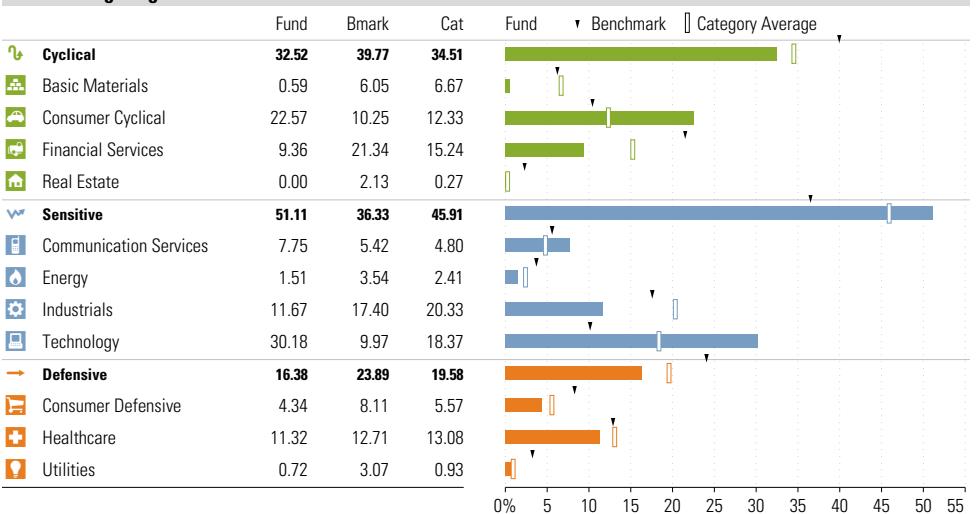


## Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	17.43	7.55
Non-US Stocks	79.78	89.58
Bonds	0.00	0.02
Cash	2.30	2.14
Other	0.49	0.71
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



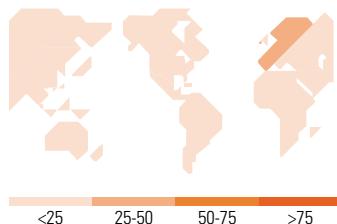
## Style Breakdown

Equity

	Large	Mid	Small
Value	10	18	54
Blend	1	3	12
Growth	0	0	1

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

## World Regions % Equity 12-31-2024



Greater Asia	Fund %	Cat %	Americas	Fund %	Cat %	Greater Europe	Fund %	Cat %	Market Maturity	Fund %
Japan	31.04	27.60		26.85	16.21	Greater Europe	42.12	56.19		
Australasia	6.66	13.03	North America	20.55	13.54	United Kingdom	7.99	13.58	Developed Markets	81.05
Asia-4 Tigers	1.63	1.43	Central/Latin	6.30	2.67	W euro-ex UK	33.87	42.24	Emerging Markets	18.95
Asia-ex 4 Tigers	10.09	6.33				Emrgng Europe	0.00	0.02	Not Available	0.00
Not Classified	12.66	6.81				Africa	0.26	0.35		
	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	6.48	6.48	–	Technology
⊕ MercadoLibre Inc	4.27	10.75	–	Consumer Cyclical
⊕ Spotify Technology SA	4.25	15.01	–	Communication Svc
⊕ Adyen NV	3.34	18.35	–	Technology
⊕ ASML Holding NV	2.85	21.19	–	Technology
⊕ BYD Co Ltd Class H	2.22	23.41	–	Consumer Cyclical
⊕ Sea Ltd ADR	2.17	25.58	–	Consumer Cyclical
⊕ Ferrari NV	2.13	27.71	–	Consumer Cyclical
⊕ NVIDIA Corp	2.05	29.76	171.24	Technology
⊕ Coupang Inc Ordinary Shares - Class A	2.00	31.77	–	Consumer Cyclical

Total Holdings 151

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard International Value Inv VTRIX

Morningstar Category  
Foreign Large ValueMorningstar Index  
MSCI EAFE NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 7 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.61 years.
- Style: The fund has landed in its primary style box — Large Value — 0 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.39 is 59.79% lower than the Foreign Large Value category average.

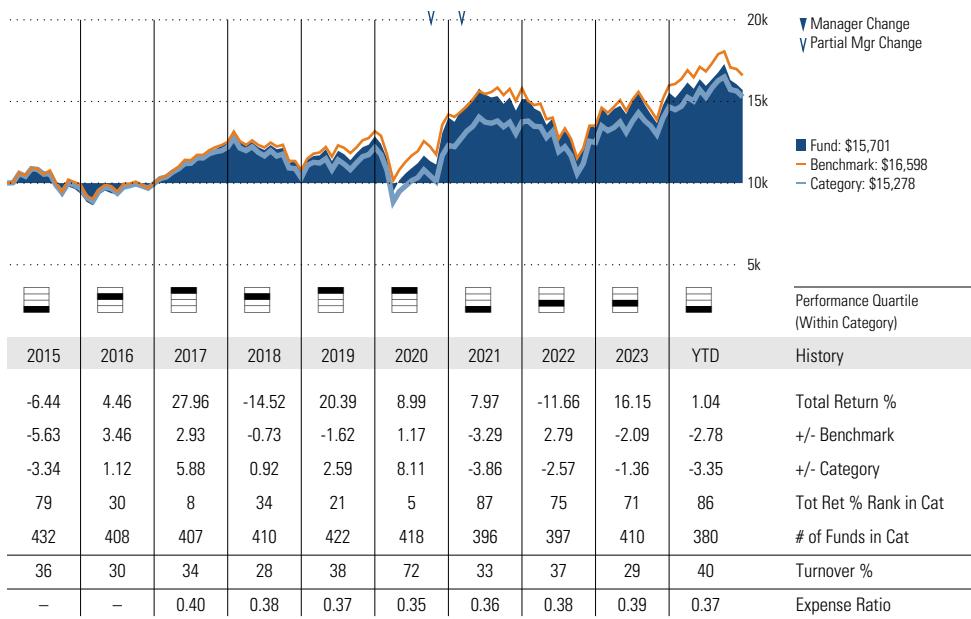
## Morningstar Investment Management LLC Analysis

This fund fails the style consistency screen. Its largest underlying subadvisor employs a relative value approach, which can include more growth-leaning stocks, causing the fund to plot near the border of the value and blend column in the Morningstar Stylebox.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022

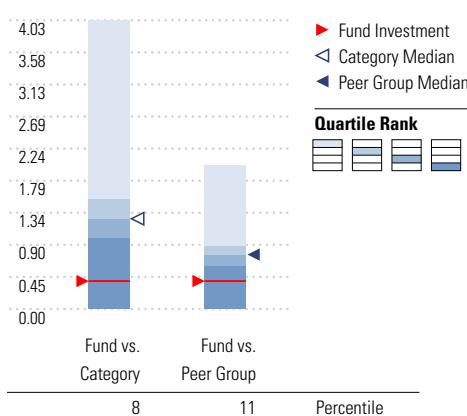
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.30	—	2.01
Beta	0.97	—	0.94
R-Squared	90.97	—	87.82
Standard Deviation	17.15	16.85	16.99
Sharpe Ratio	-0.09	-0.07	0.04
Tracking Error	5.18	—	6.04
Information Ratio	-0.08	—	0.31
Up Capture Ratio	95.57	—	96.91
Down Capture Ratio	97.27	—	89.00

## Portfolio Metrics

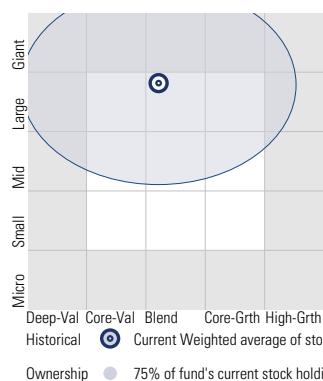
	Fund	Bmark	Cat
Price/Earnings Ratio	14.80	16.25	12.29
Price/Book Ratio	1.63	1.80	1.26
Geom Avg Mkt Cap \$B	30.78	51.93	36.16
ROE	16.50	17.02	13.18

# Vanguard International Value Inv VTRIX

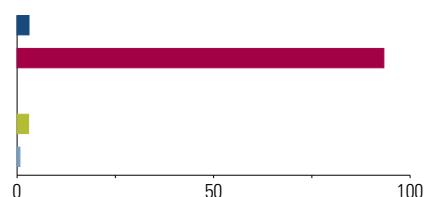
Morningstar Category  
Foreign Large ValueMorningstar Index  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2024

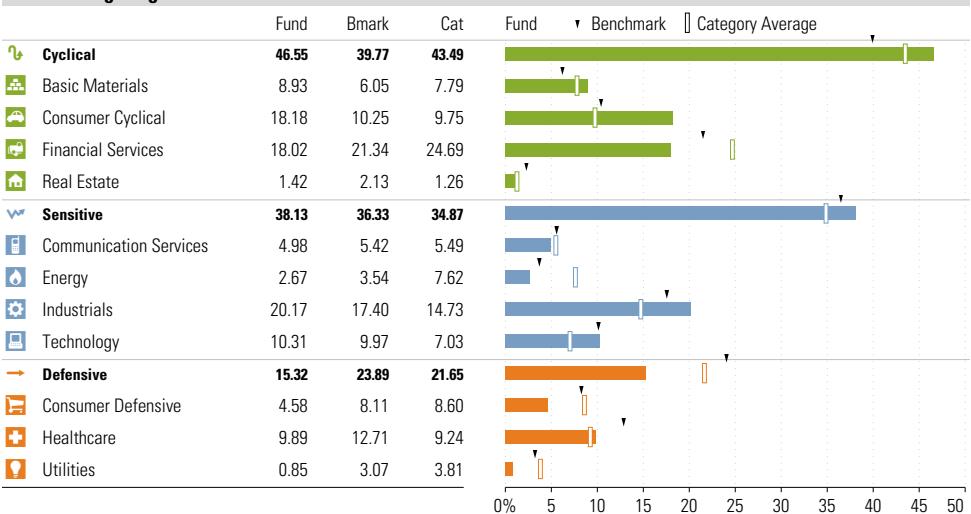
Morningstar Style Box™



## Asset Allocation as of 12-31-2024



## Sector Weighting as of 12-31-2024



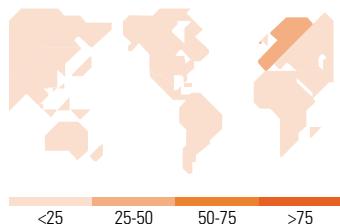
## Style Breakdown

Equity

	Large	Mid	Small
Value	27	24	24
Blend	6	12	5
Growth	2	1	0

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

## World Regions % Equity 12-31-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Fund %			
	40.49	30.73		9.08	9.11				
Greater Asia			Americas			Greater Europe			
Japan	12.57	17.97	North America	6.56	8.01	United Kingdom	13.74	17.35	Developed Markets 81.66
Australasia	0.81	3.15	Central/Latin	2.52	1.10	W euro-ex UK	36.37	41.94	Emerging Markets 18.34
Asia-4 Tigers	11.60	6.61				Emrgng Europe	0.00	0.15	Not Available 0.00
Asia-ex 4 Tigers	15.51	3.00				Africa	0.31	0.73	
Not Classified	0.00	0.00							

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Tencent Holdings Ltd	3.46	3.46	–	Communication Svc
⊖ Mktliq 12/31/2049	3.03	6.49	–	–
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.16	8.65	–	Technology
⊕ Kering SA	2.00	10.65	–	Consumer Cyclical
⊕ HSBC Holdings PLC	1.57	12.22	–	Financial Services
⊖ Roche Holding AG	1.48	13.71	–	Healthcare
⊖ Ryanair Holdings PLC ADR	1.40	15.11	-16.84	Industrials
⊕ AIA Group Ltd	1.33	16.44	–	Financial Services
⊕ Ping An Insurance (Group) Co. of China Ltd Class H	1.13	17.56	–	Financial Services
⊖ Unilever PLC	1.07	18.63	–	Consumer Defensive

Total Holdings 237

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Portfolio Manager(s)

Aurélie Denis since 02-2023

Aaron Choi since 08-2023

## Quantitative Screens

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

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

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

✓ **Net Expense:** The fund's expense ratio of 0.07 is 93.33% lower than the Mid-Cap Growth category average.

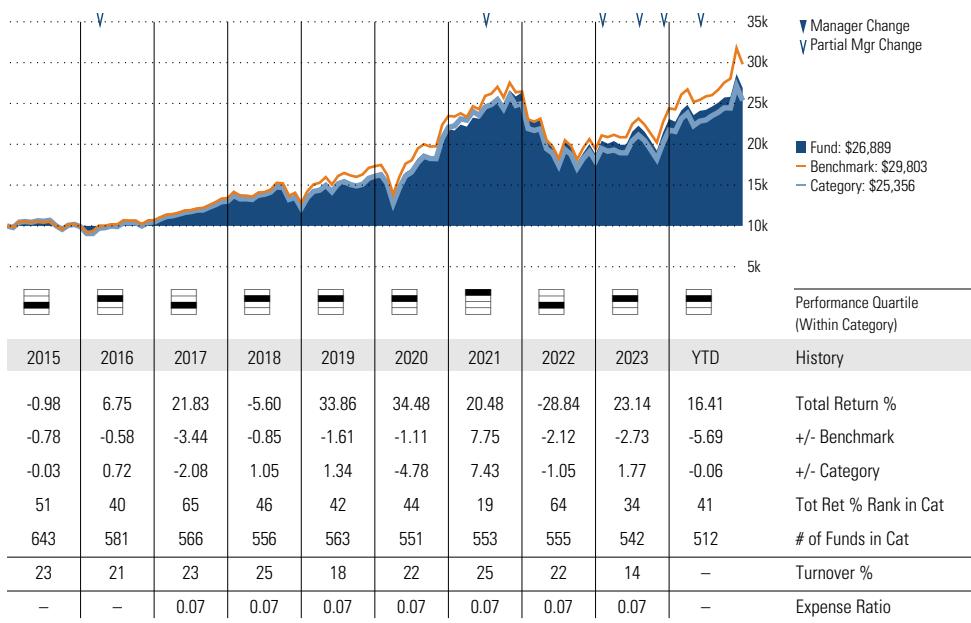
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

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

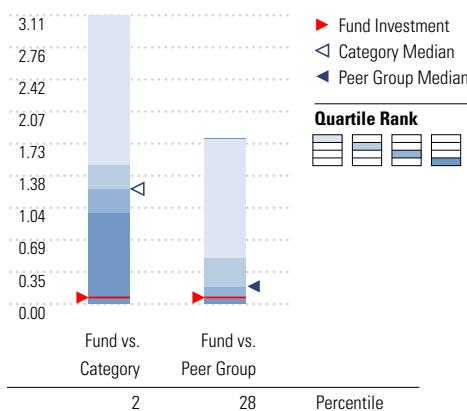
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

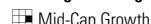
	Fund	Bmark	Cat
Alpha	3.11	-3.22	-3.95
Beta	2.76	0.97	0.97
R-Squared	2.42	98.56	91.88
Standard Deviation	2.07	22.05	23.00
Sharpe Ratio	1.73	-0.05	0.10
Tracking Error	1.38	2.70	6.64
Information Ratio	1.04	-1.25	-0.87
Up Capture Ratio	0.69	94.76	91.23
Down Capture Ratio	0.35	105.52	105.05

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	31.35	32.59	33.34
Price/Book Ratio	5.63	9.30	6.03
Geom Avg Mkt Cap \$B	38.81	28.29	23.72
ROE	22.53	31.41	21.47

# Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

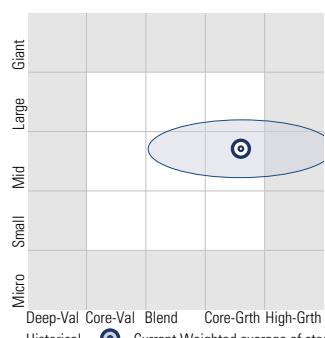


Morningstar Index

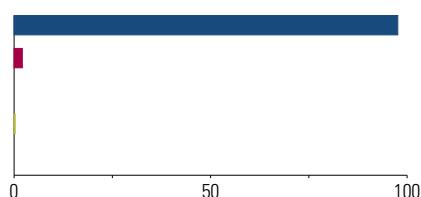
Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



Asset Class

Net %

Cat%

US Stocks

97.63

93.52

Non-US Stocks

2.09

4.52

Bonds

0.00

0.05

Cash

0.27

1.09

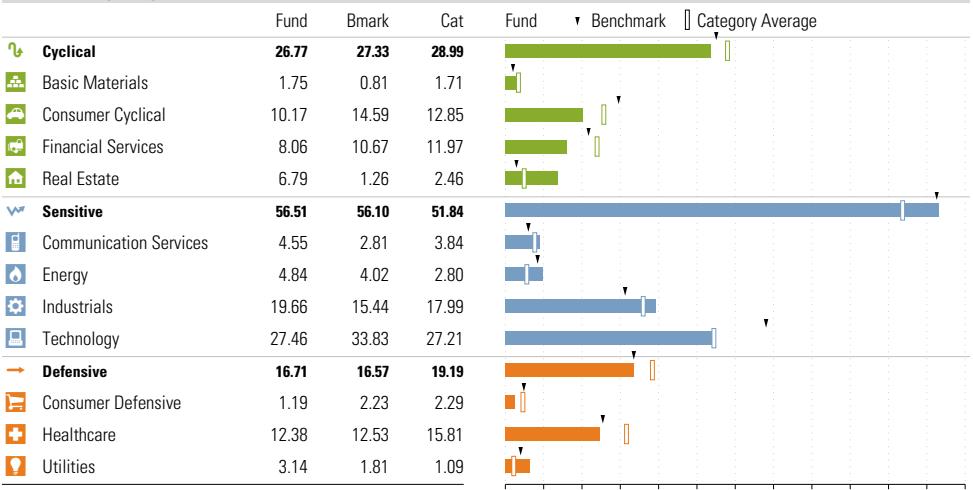
Other

0.00

0.83

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

## Sector Weighting as of 12-31-2024



## Style Breakdown

Equity

	Large	Mid	Small
Value	0	11	8
Blend	3	27	51
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
⊕ Amphenol Corp Class A	2.24	2.24	41.23	Technology
⊕ Welltower Inc	2.10	4.33	42.61	Real Estate
⊖ Palantir Technologies Inc Ordinary Shares - Class A	2.09	6.42	–	Technology
⊕ Motorola Solutions Inc	2.06	8.48	48.92	Technology
⊕ Constellation Energy Corp	1.88	10.37	–	Utilities
⊕ TransDigm Group Inc	1.81	12.17	32.69	Industrials
⊕ Royal Caribbean Group	1.49	13.66	78.89	Consumer Cyclical
⊕ DoorDash Inc Ordinary Shares - Class A	1.46	15.13	–	Communication Svc
⊕ The Trade Desk Inc Class A	1.41	16.54	–	Technology
⊕ Copart Inc	1.33	17.87	17.12	Industrials
⊕ Coinbase Global Inc Ordinary Shares - Class A	1.29	19.16	–	Financial Services
⊕ Block Inc Class A	1.27	20.43	–	Technology
⊕ Vistra Corp	1.25	21.68	–	Utilities
⊕ Realty Income Corp	1.25	22.93	-1.99	Real Estate
⊕ Quanta Services Inc	1.25	24.17	46.58	Industrials

**Total Holdings 142**

⊕ Increase ⊖ Decrease ✶ New to Portfolio

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Portfolio Manager(s)

Aurélie Denis since 02-2023

Aaron Choi since 08-2023

## Quantitative Screens

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

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

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

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

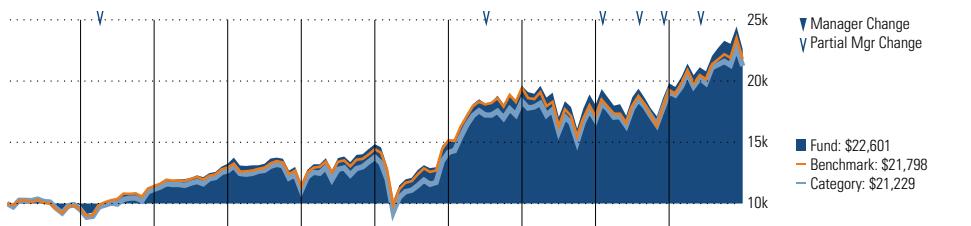
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

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

## Growth of \$10,000

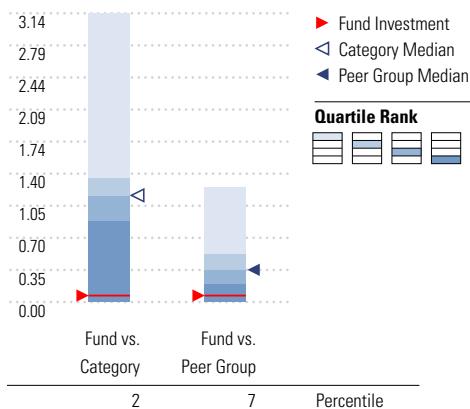


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-1.80	15.26	17.04	-12.42	27.99	2.54	28.76	-7.90	9.76	14.03	Total Return %
2.98	-4.74	3.70	-0.13	0.93	-2.42	0.42	4.13	-2.95	0.96	+/- Benchmark
3.61	-2.80	3.82	0.44	2.81	-0.09	-0.56	0.12	-4.18	2.60	+/- Category
17	71	13	45	32	55	53	47	77	26	Tot Ret % Rank in Cat
483	446	450	472	453	444	443	440	435	436	# of Funds in Cat
20	20	17	17	17	39	17	18	22	—	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	1.06	—	1.35
Beta	0.95	—	0.94
R-Squared	98.62	—	93.95
Standard Deviation	19.13	20.05	19.54
Sharpe Ratio	0.12	0.08	0.13
Tracking Error	2.48	—	5.06
Information Ratio	0.39	—	0.24
Up Capture Ratio	97.61	—	95.12
Down Capture Ratio	94.15	—	90.80

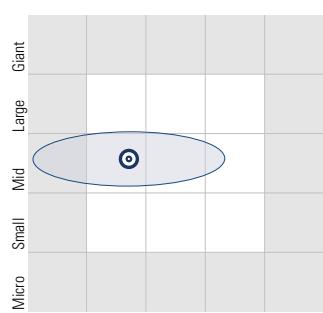
## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.51	18.98	17.30
Price/Book Ratio	2.31	2.31	1.97
Geom Avg Mkt Cap \$B	30.92	20.20	17.33
ROE	18.29	14.42	14.44

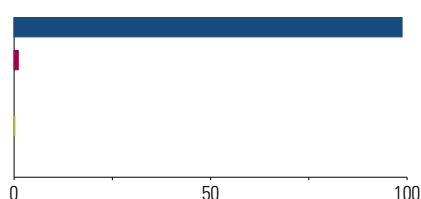
# Vanguard Mid-Cap Value Index Admiral VMVAX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



Morningstar Category

Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Asset Class

Net %

Cat%

US Stocks

98.72

90.86

Non-US Stocks

1.06

6.66

Bonds

0.00

0.02

Cash

0.22

2.25

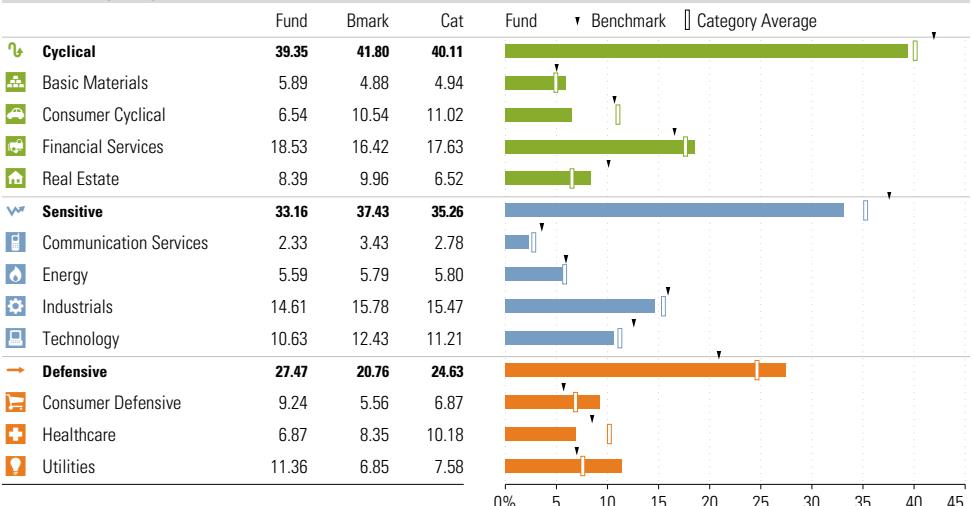
Other

0.00

0.20

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

## Sector Weighting as of 12-31-2024



## Style Breakdown

Equity

	Large	Mid	Small
0	2	0	
43	51	3	
0	0	0	

Value Blend Growth

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

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Arthur J. Gallagher & Co	1.58	1.58	27.29	Financial Services
Digital Realty Trust Inc	1.31	2.89	35.39	Real Estate
ONEOK Inc	1.31	4.20	48.62	Energy
Carrier Global Corp Ordinary Shares	1.30	5.49	—	Industrials
PACCAR Inc	1.22	6.71	10.79	Industrials
Ameriprise Financial Inc	1.15	7.86	41.70	Financial Services
Allstate Corp	1.14	9.00	40.36	Financial Services
Cummins Inc	1.07	10.06	48.43	Industrials
United Rentals Inc	1.03	11.09	23.99	Industrials
Cheniere Energy Inc	1.02	12.11	26.93	Energy
Discover Financial Services	0.97	13.08	—	Financial Services
Fidelity National Information Services Inc	0.97	14.05	36.86	Technology
PG&E Corp	0.96	15.01	12.23	Utilities
Newmont Corp	0.94	15.96	-7.66	Basic Materials
Prudential Financial Inc	0.94	16.90	19.30	Financial Services

**Total Holdings 193**

⊕ 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.

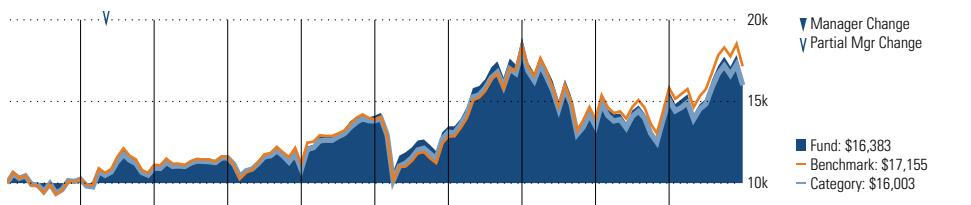
## Morningstar Investment Management LLC Analysis

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

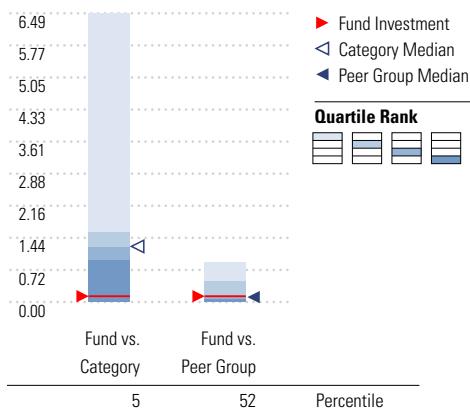


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
2.39	8.50	4.94	-5.95	28.94	-4.65	40.40	-26.20	11.81	4.92	Total Return %
-0.15	0.01	0.61	-2.16	4.49	2.87	-2.65	-1.84	-1.96	-3.52	+/- Benchmark
-0.02	1.61	-1.28	0.02	1.66	-0.16	1.67	-0.53	-0.22	-0.98	+/- 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

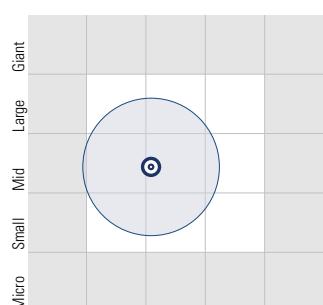
## Portfolio Metrics

	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

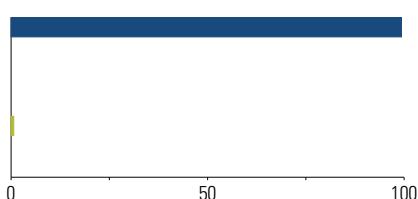
Equity

Value	Blend	Growth	
Large	13	11	0
Mid	12	44	0
Small	6	12	2

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2024



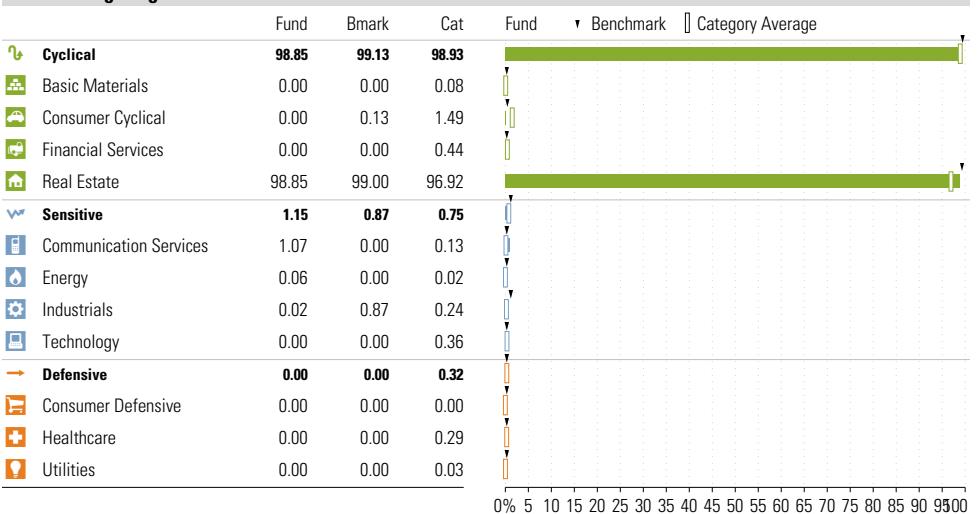
Morningstar Category  
Real Estate

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.

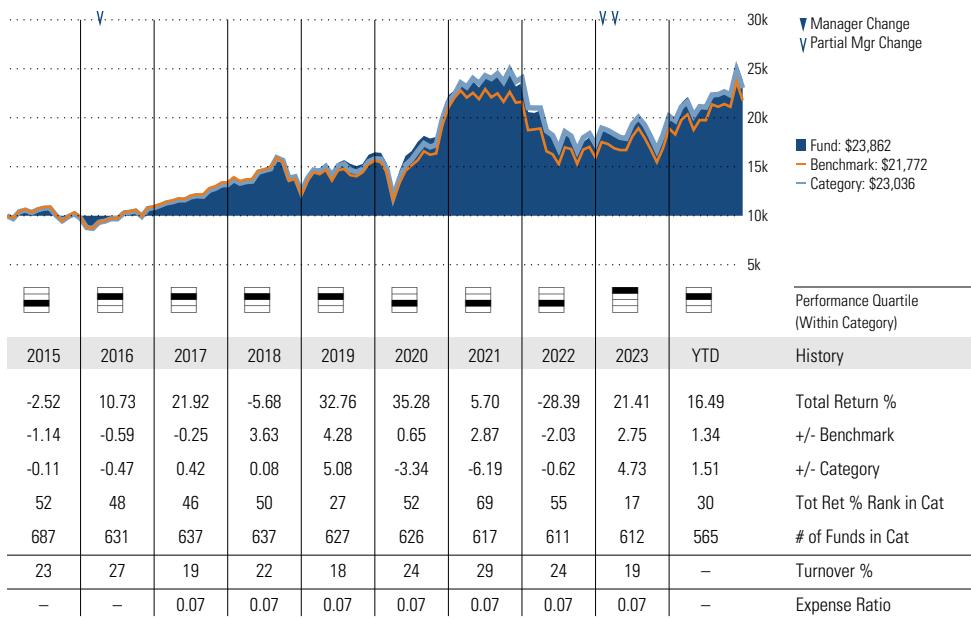
## Morningstar Investment Management LLC Analysis

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

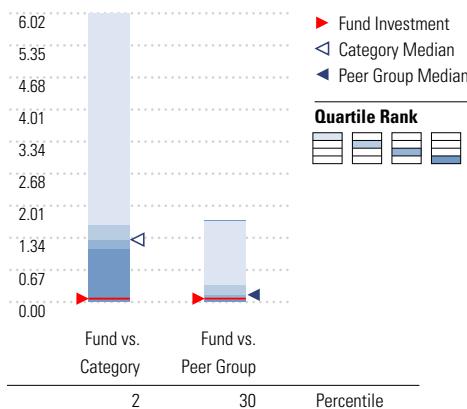
## Growth of \$10,000



## 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

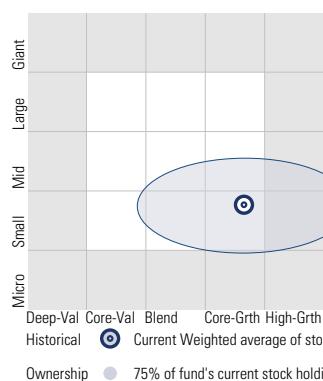


Morningstar Index

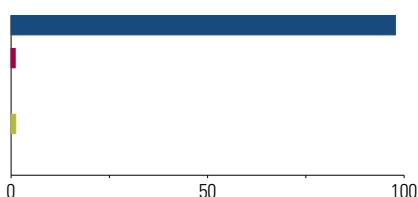
Russell 2000 Growth TR USD

## 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

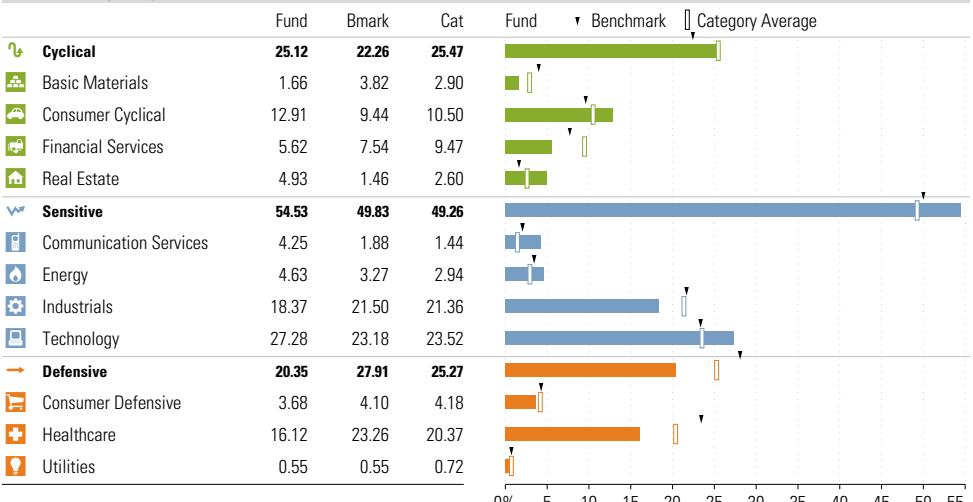
Other

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.

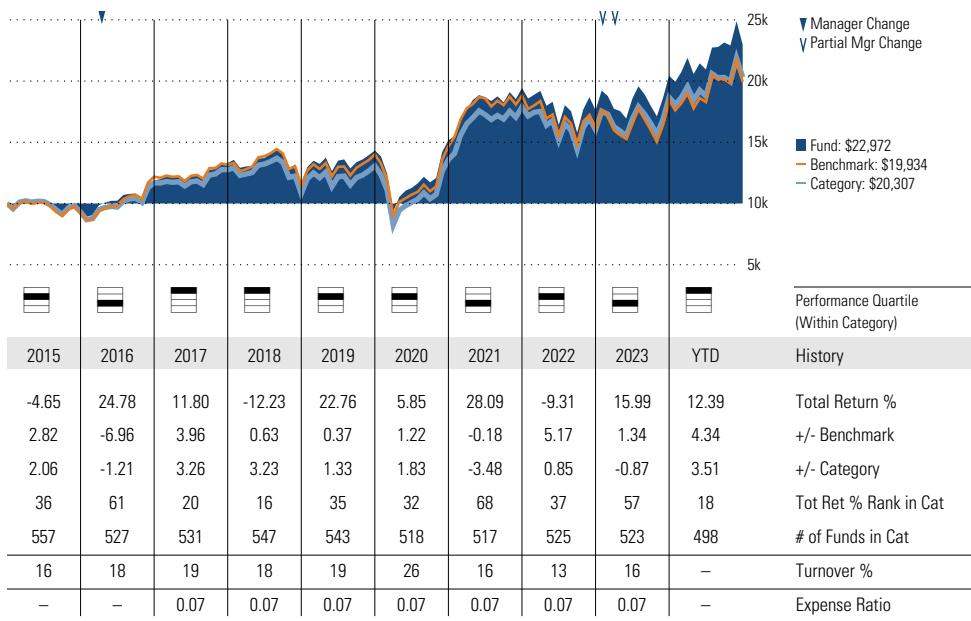
## Morningstar Investment Management LLC Analysis

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.

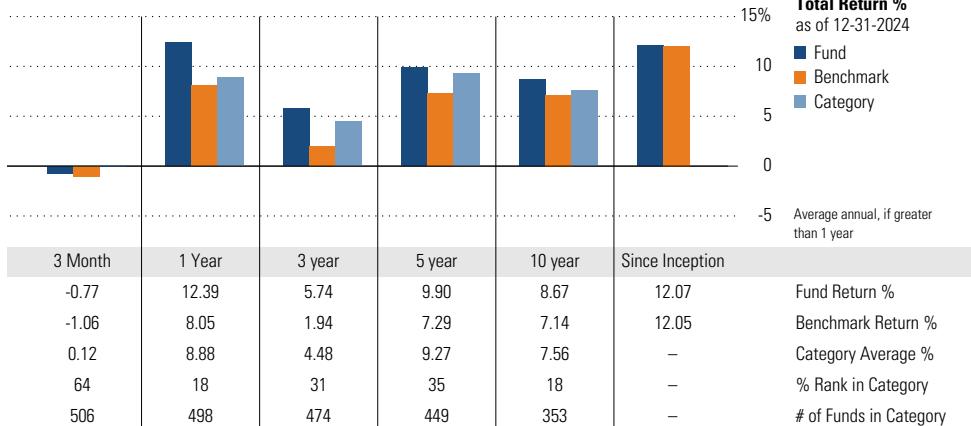
## ESG Metrics

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

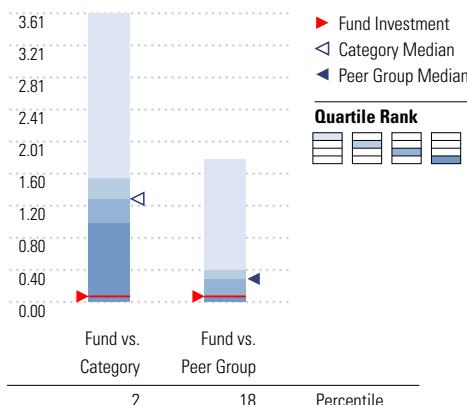
## Growth of \$10,000



## 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

Small Value

Russell 2000 Value TR USD

# Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category



Morningstar Index

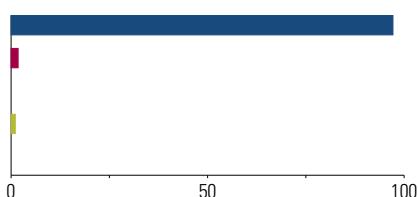
Russell 2000 Value TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



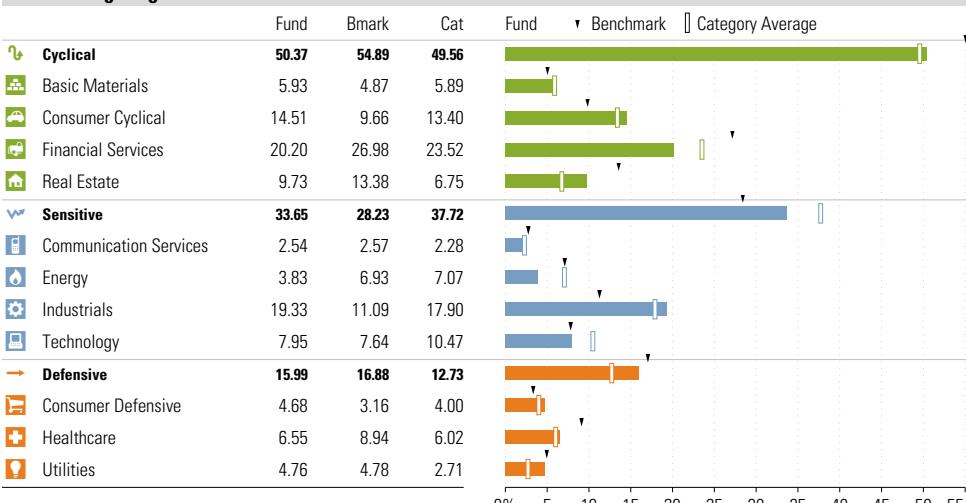
## Style Breakdown

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 Ⓛ Decrease Ⓜ 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.

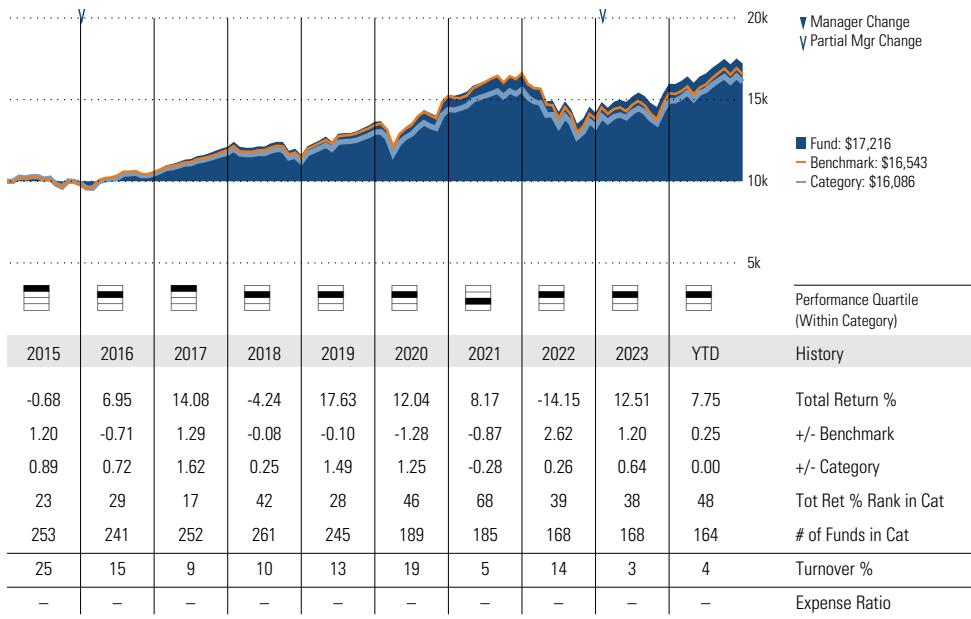
## Morningstar Investment Management LLC Analysis

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

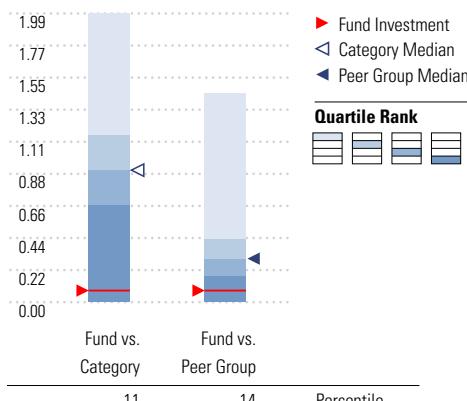
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 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

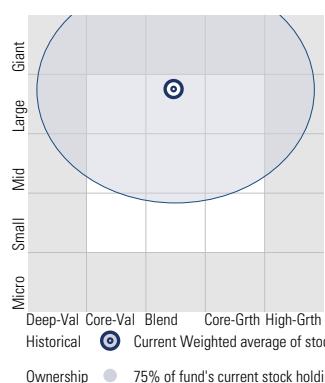
	Fund	Bmark	Cat
Price/Earnings Ratio	20.29	21.41	21.56
Price/Book Ratio	2.62	2.77	2.87
Avg Eff Duration	5.53	—	4.83

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

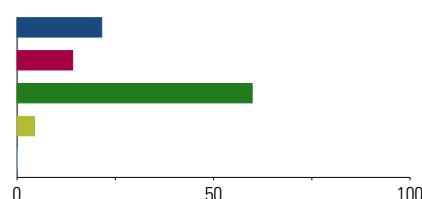
# Vanguard Target Retirement 2020 Fund VTWNX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



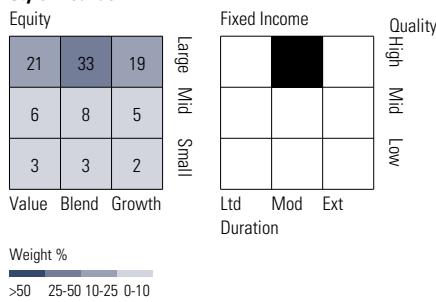
Morningstar Category

Target-Date 2020

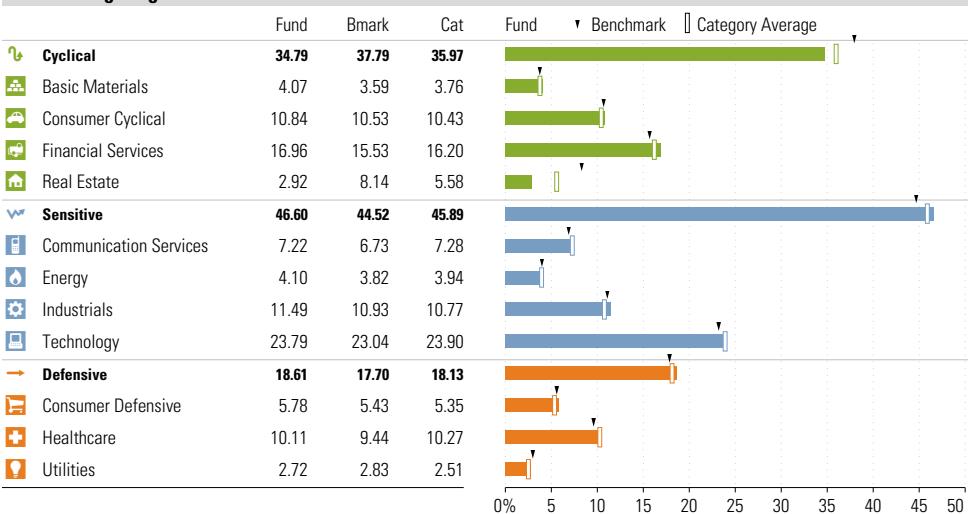
Morningstar Index

Morningstar Lifetime Mod 2020 TR USD

## Style Breakdown



## 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 Bond Market II Inv	–	34.33	34.33	–	–
⊖ Vanguard Total Stock Mkt Inv	–	21.64	55.97	–	–
⊕ Vanguard Total Intl Bd 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.

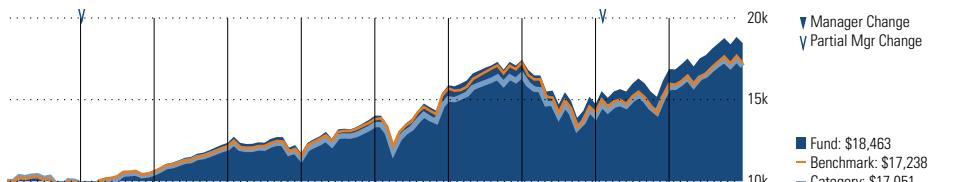
## Morningstar Investment Management LLC Analysis

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

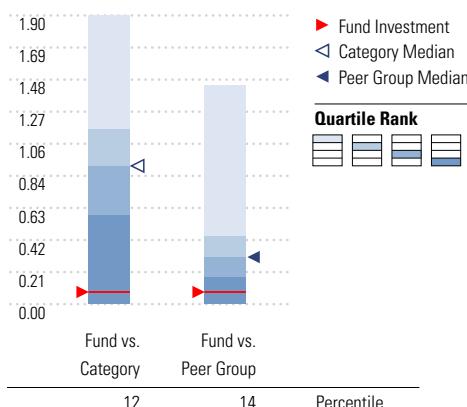


Performance Quartile (Within Category)										
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-0.85	7.48	15.94	-5.15	19.63	13.30	9.80	-15.55	14.55	9.44	Total Return %
1.21	-0.91	1.40	-0.25	0.27	-0.37	-0.30	2.03	2.40	1.47	+/- Benchmark
0.74	0.75	1.27	0.19	1.38	1.46	0.05	-0.36	1.79	1.20	+/- 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

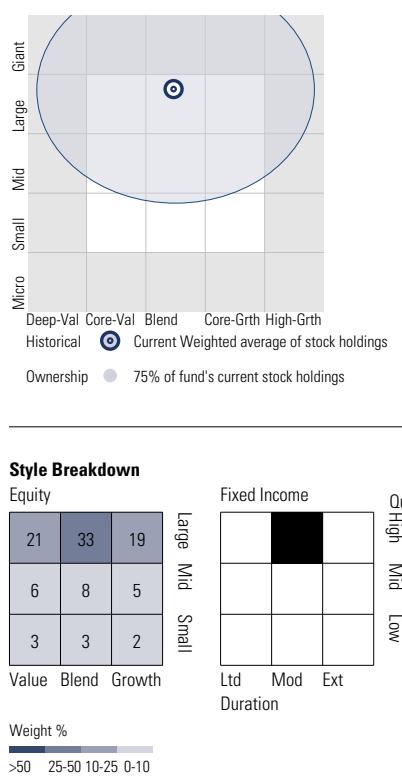
	Fund	Bmark	Cat
Price/Earnings Ratio	20.34	21.21	21.70
Price/Book Ratio	2.63	2.74	2.89
Avg Eff Duration	5.80	—	4.84

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

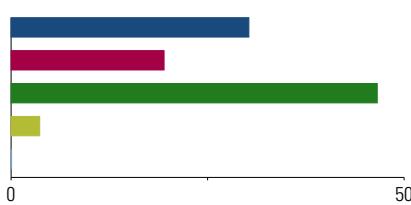
# Vanguard Target Retirement 2025 Fund VTTVX

## Style Analysis as of 12-31-2024

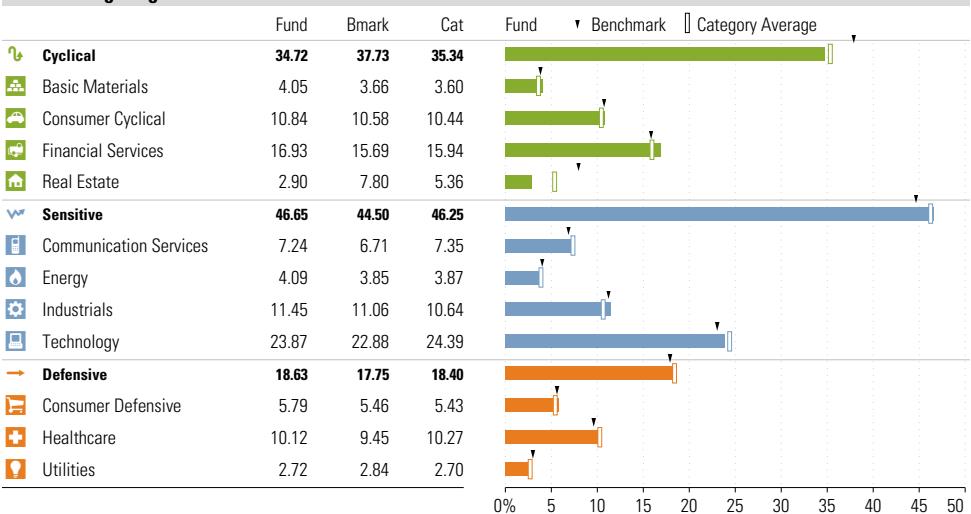
Morningstar Style Box™



## Asset Allocation as of 12-31-2024

Morningstar Category  
Target-Date 2025Morningstar 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.

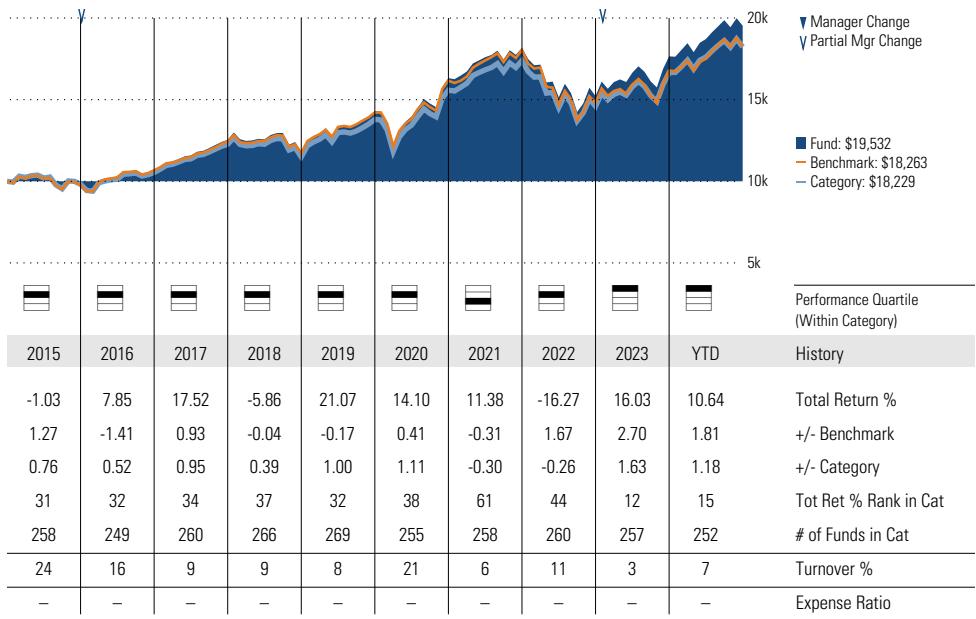
## Morningstar Investment Management LLC Analysis

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

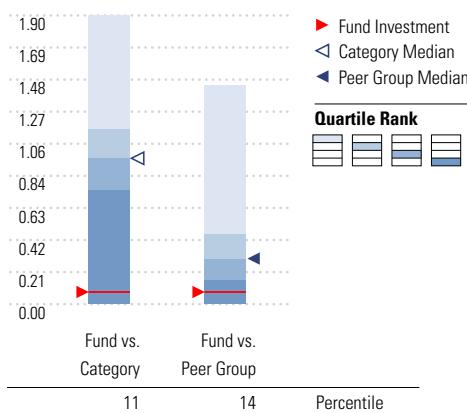
## Growth of \$10,000



## Trailing Performance



## Net Expense



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	1.98	—	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

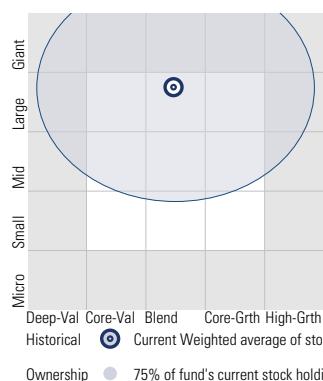
# Vanguard Target Retirement 2030 Fund VTHR

**Morningstar Category**  
Target-Date 2030

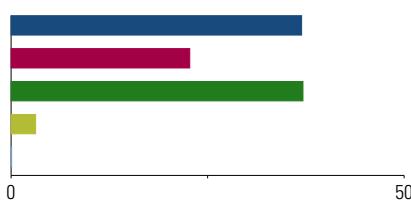
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

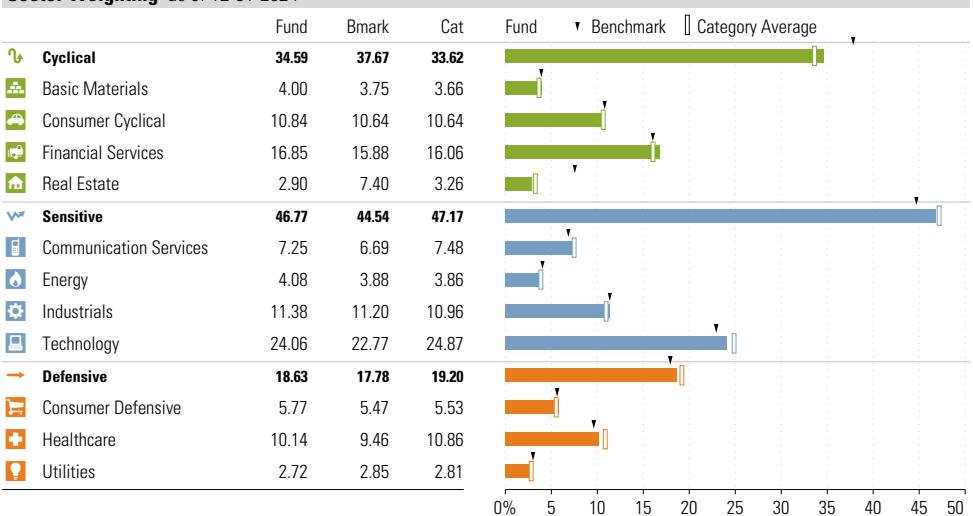


## Asset Allocation as of 12-31-2024

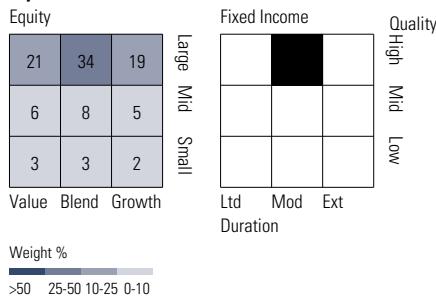


Asset Class	Net %	Cat%
US Stocks	36.96	35.08
Non-US Stocks	22.73	15.81
Bonds	37.13	32.43
Cash	3.12	2.53
Other	0.07	14.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## 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.

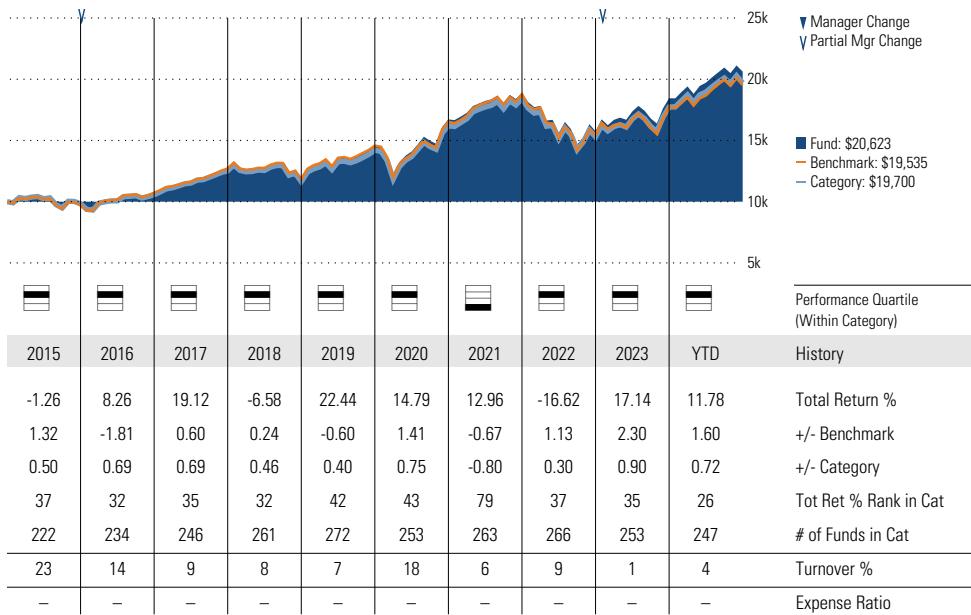
## Morningstar Investment Management LLC Analysis

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

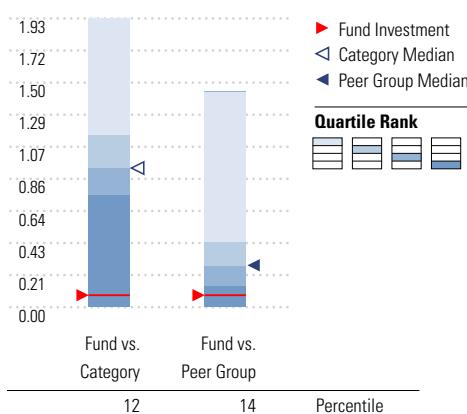
## Growth of \$10,000



## Trailing Performance



## Net Expense



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	1.64	—	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

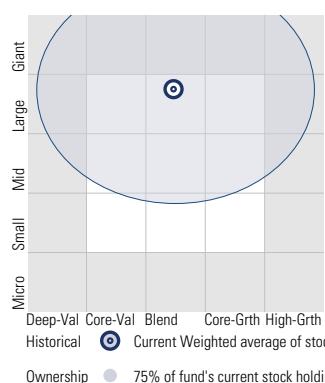
## Portfolio Metrics

	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

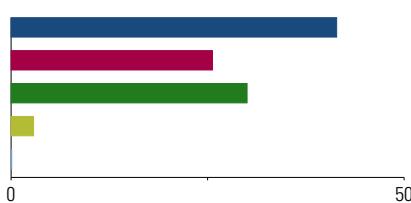
# Vanguard Target Retirement 2035 Fund VTTHX

## Style Analysis as of 12-31-2024

Morningstar Style Box™

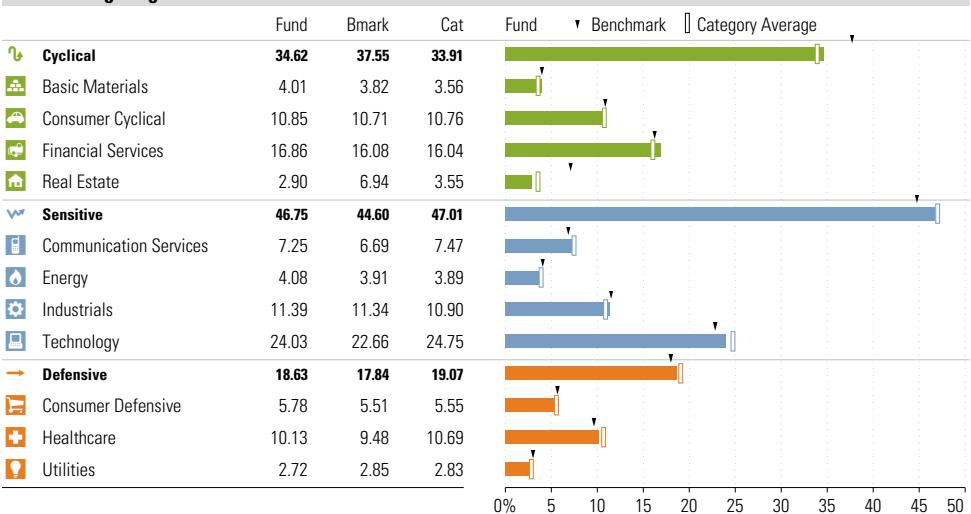


## Asset Allocation as of 12-31-2024

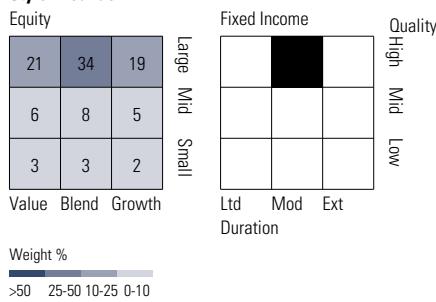

**Morningstar Category**  
Target-Date 2035

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

## 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 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.

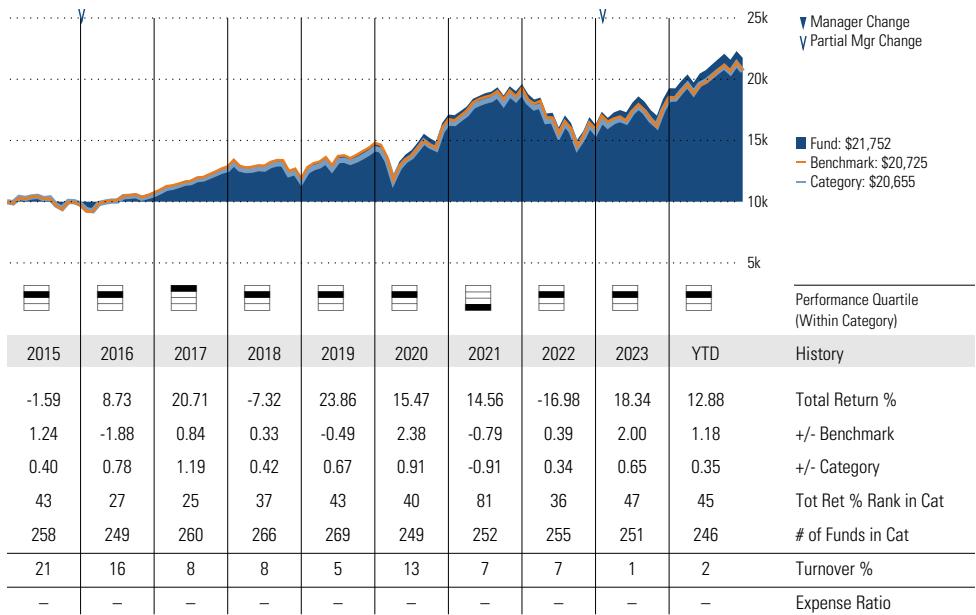
## Morningstar Investment Management LLC Analysis

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

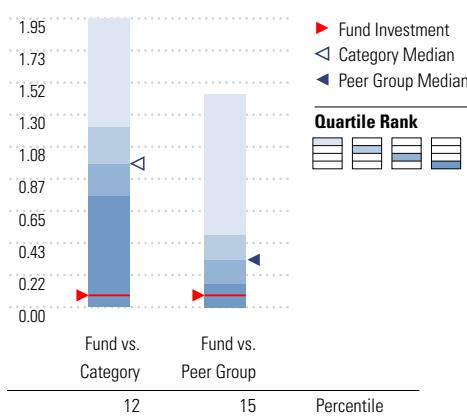
## Growth of \$10,000



## 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

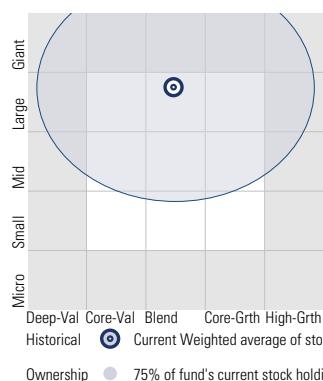
# Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category**  
Target-Date 2040

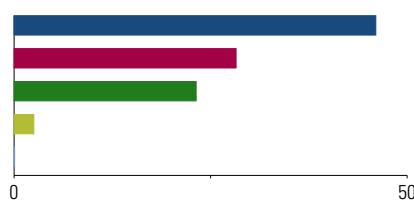
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 12-31-2024

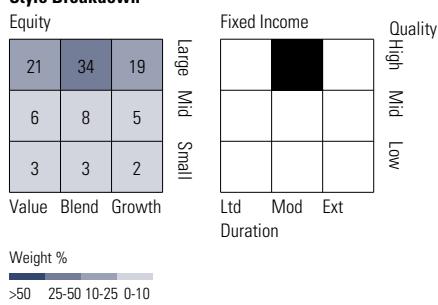
Morningstar Style Box™



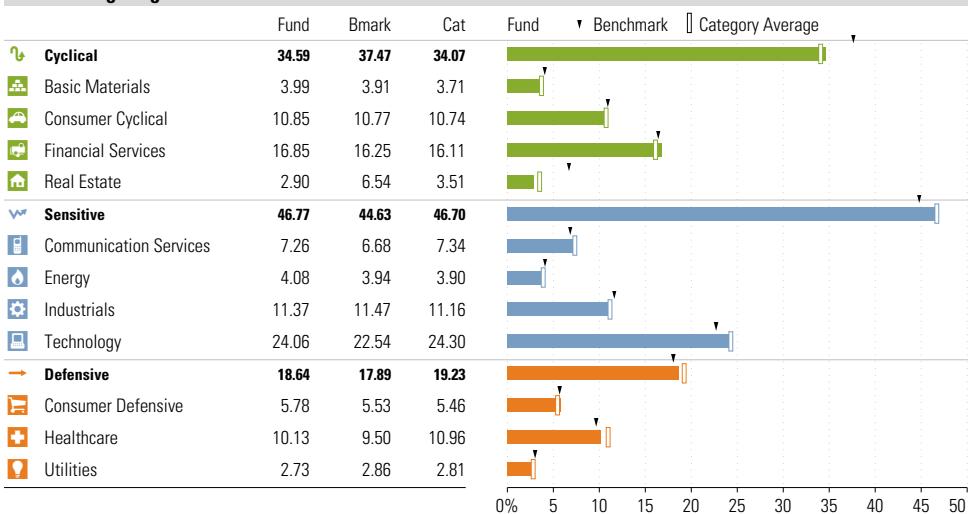
## Asset Allocation as of 12-31-2024



## 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.

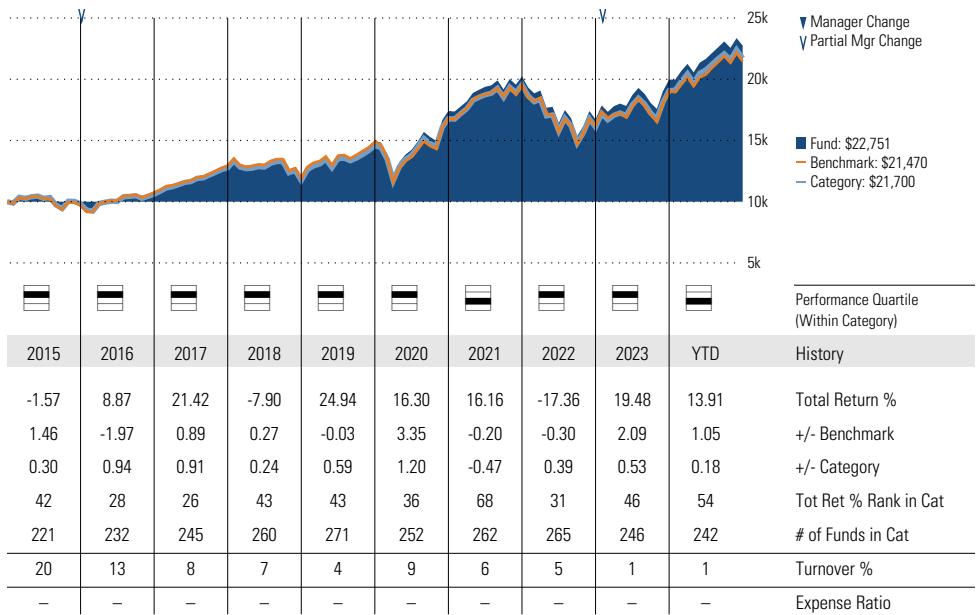
## Morningstar Investment Management LLC Analysis

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## 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

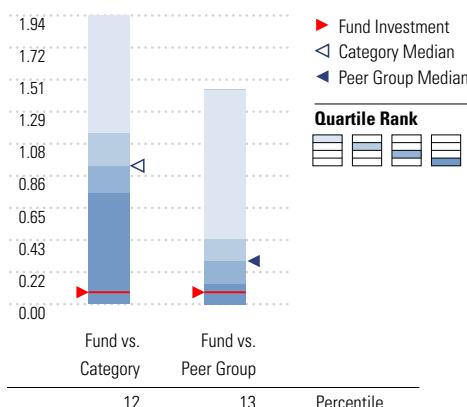
## Growth of \$10,000



## 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.

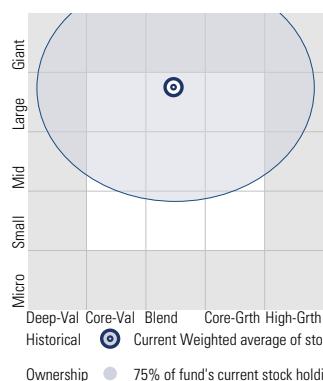
# Vanguard Target Retirement 2045 Fund VTIYX

**Morningstar Category**  
Target-Date 2045

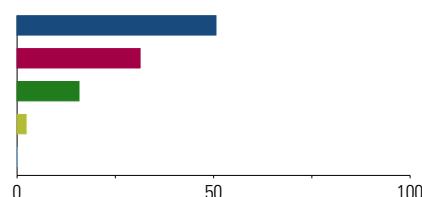
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 12-31-2024

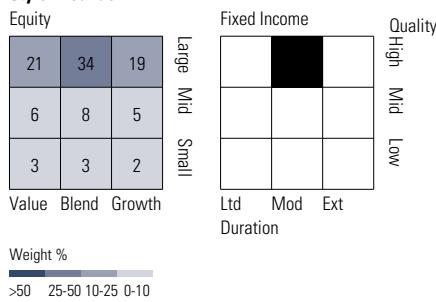
Morningstar Style Box™



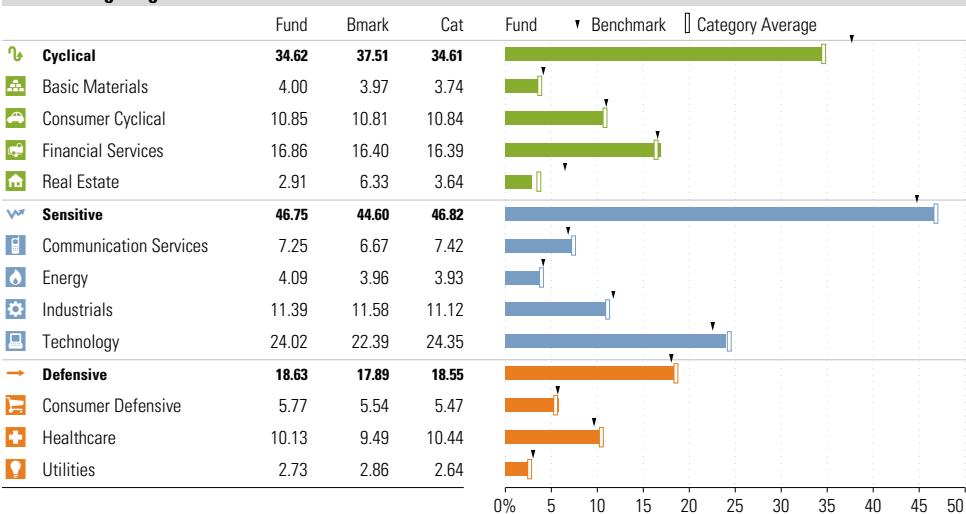
## Asset Allocation as of 12-31-2024



## 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	–	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.

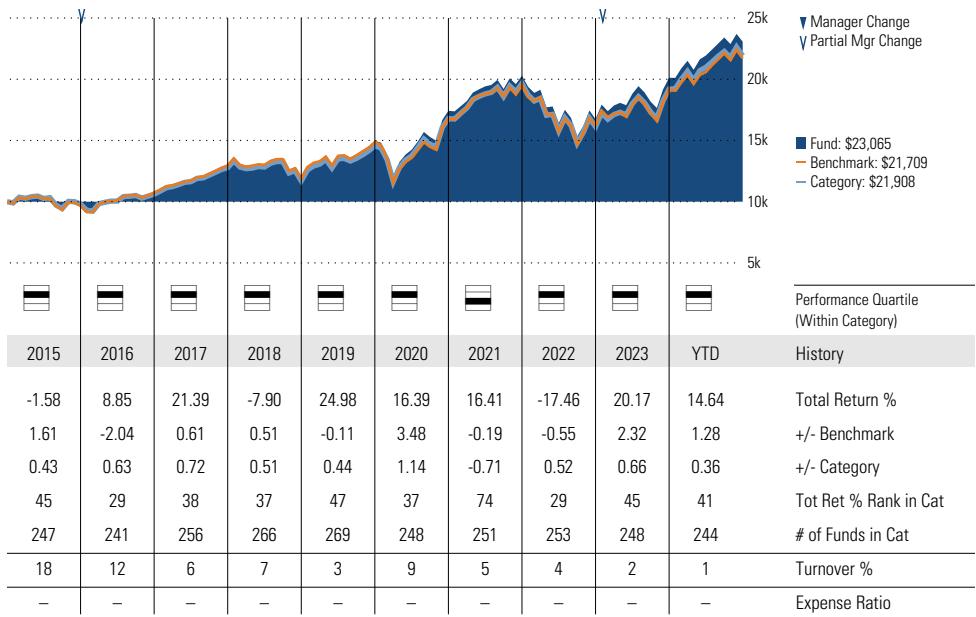
## Morningstar Investment Management LLC Analysis

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

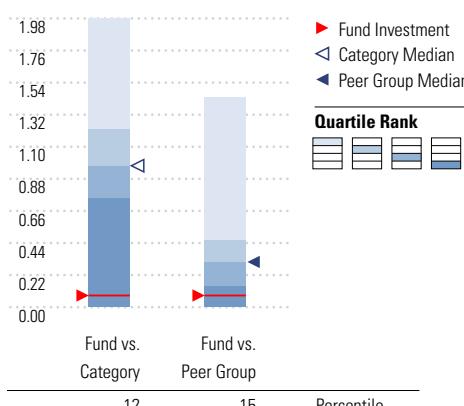
## Growth of \$10,000



## 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

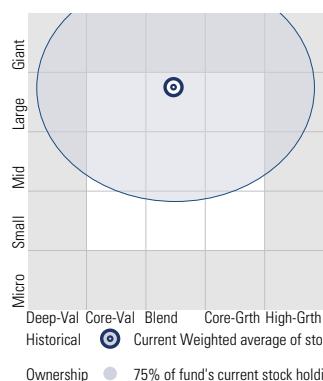
# Vanguard Target Retirement 2050 Fund VFIFX

**Morningstar Category**  
Target-Date 2050

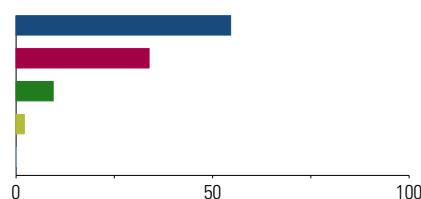
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

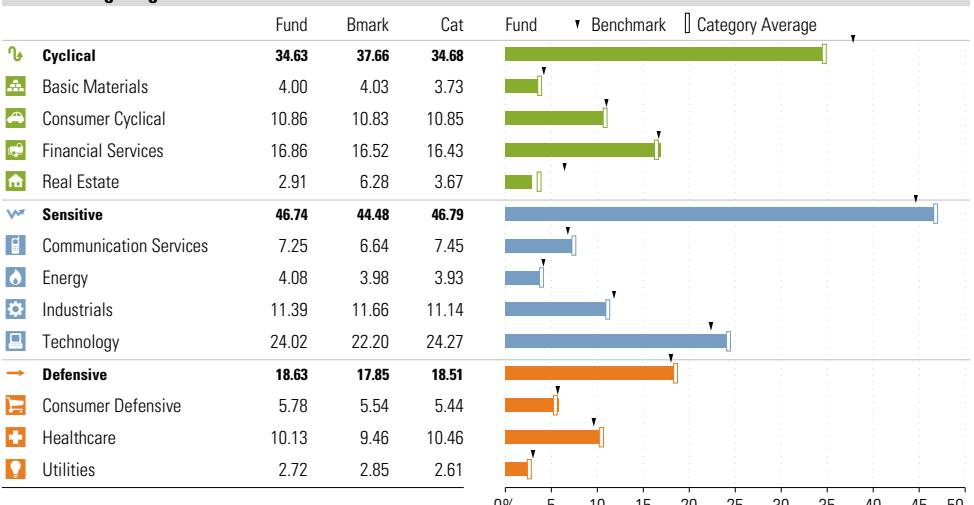


## Asset Allocation as of 12-31-2024

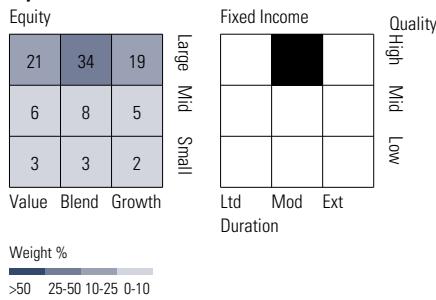


Asset Class	Net %	Cat%
US Stocks	54.59	56.32
Non-US Stocks	33.83	27.95
Bonds	9.43	5.57
Cash	2.09	1.03
Other	0.07	9.12
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## 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 Indx Instl Pls	–	54.87	54.87	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	34.58	89.45	–	–
⊕ Vanguard Total Bond Market II Indx Inv	–	6.81	96.26	–	–
⊕ Vanguard Total Intl Bd II Indx 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.

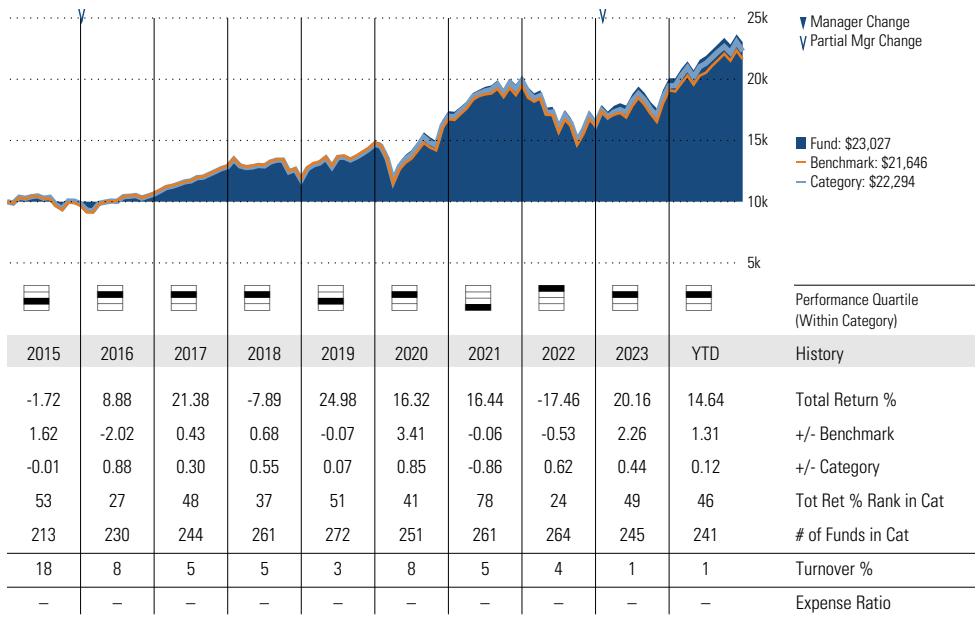
## Morningstar Investment Management LLC Analysis

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

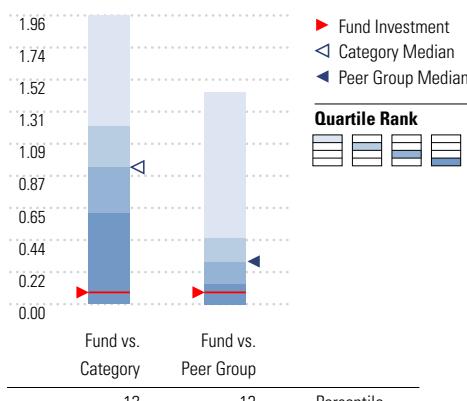
## Growth of \$10,000



## 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.

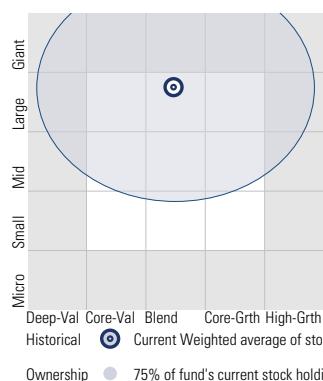
# Vanguard Target Retirement 2055 Fund VFFFVX

**Morningstar Category**  
Target-Date 2055

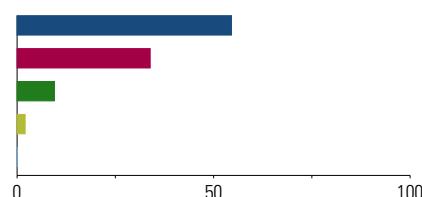
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 12-31-2024

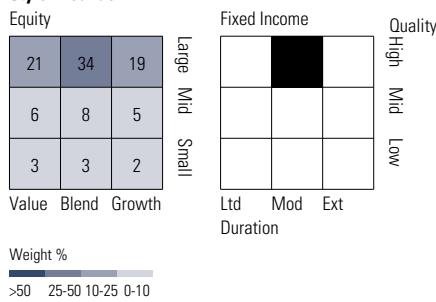
Morningstar Style Box™



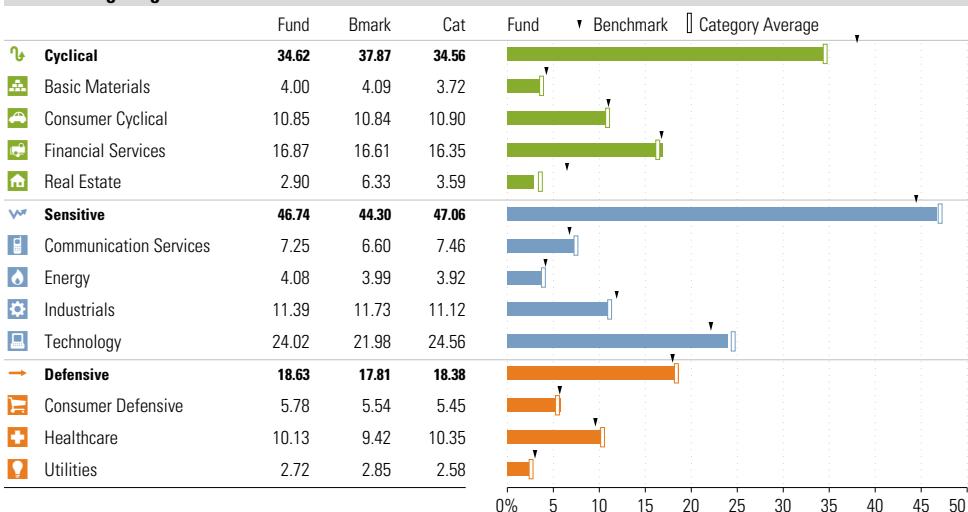
## Asset Allocation as of 12-31-2024



## 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 Indx Instl Pls	–	54.82	54.82	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	34.61	89.43	–	–
⊕ Vanguard Total Bond Market II Indx Inv	–	6.88	96.31	–	–
⊕ Vanguard Total Intl Bd II Indx 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.

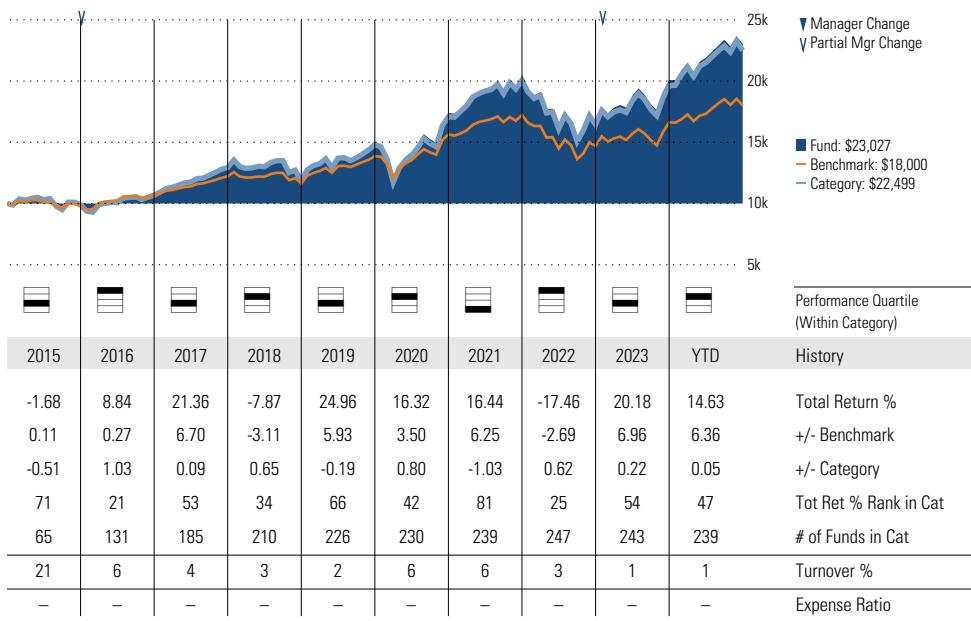
## Morningstar Investment Management LLC Analysis

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

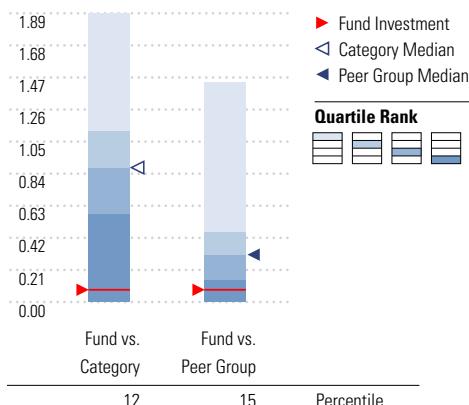
## Growth of \$10,000



## 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

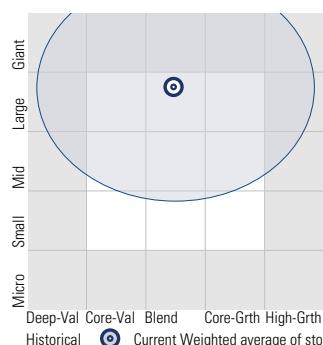
# Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category  
Target-Date 2060

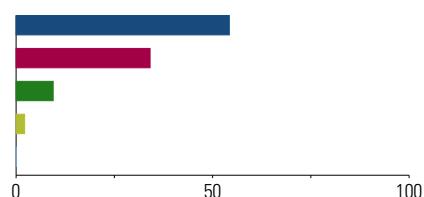
Morningstar Index  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2024

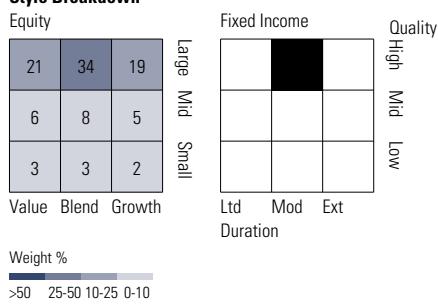
Morningstar Style Box™



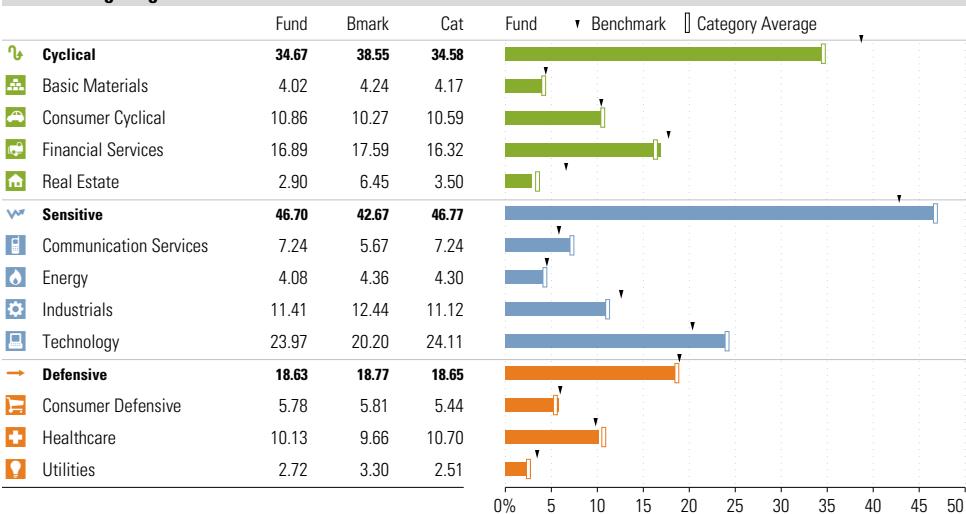
## Asset Allocation as of 12-31-2024



## 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	–	54.52	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.

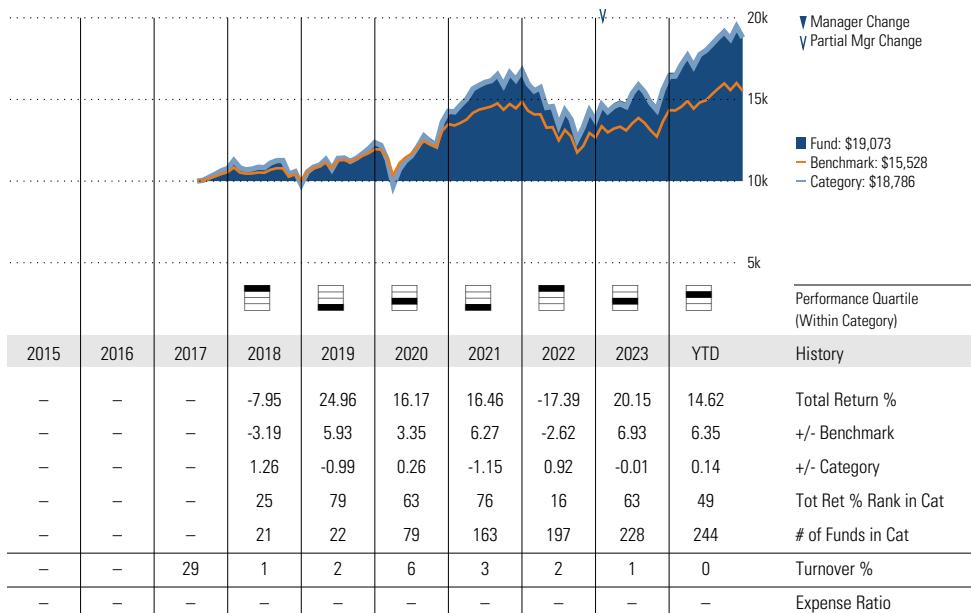
## Morningstar Investment Management LLC Analysis

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

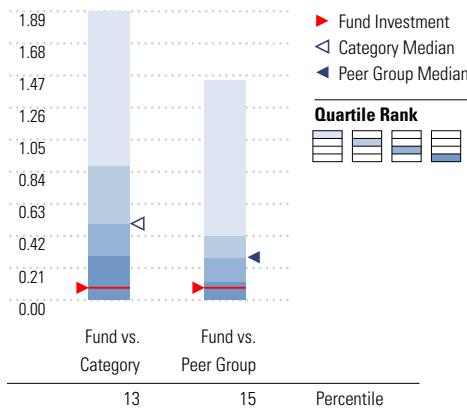
## Growth of \$10,000



## 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+

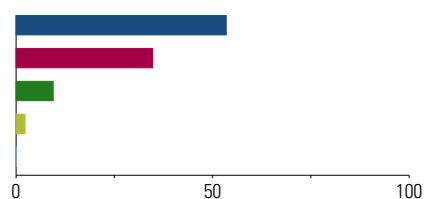
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2024

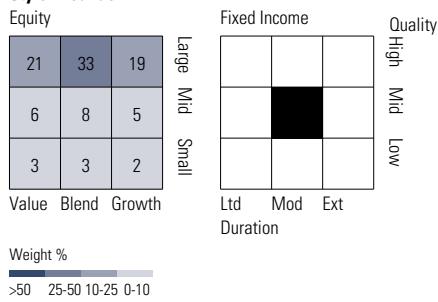
Morningstar Style Box™



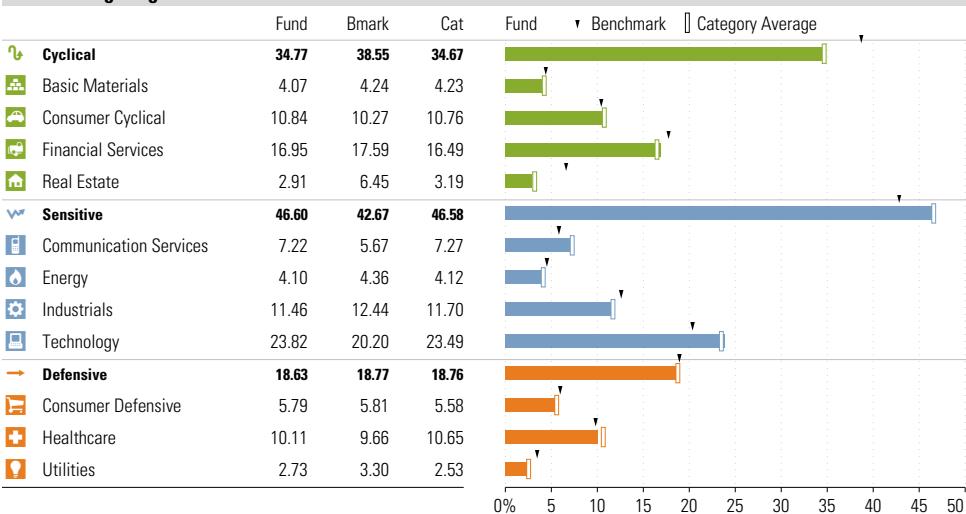
## Asset Allocation as of 12-31-2024



## 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.

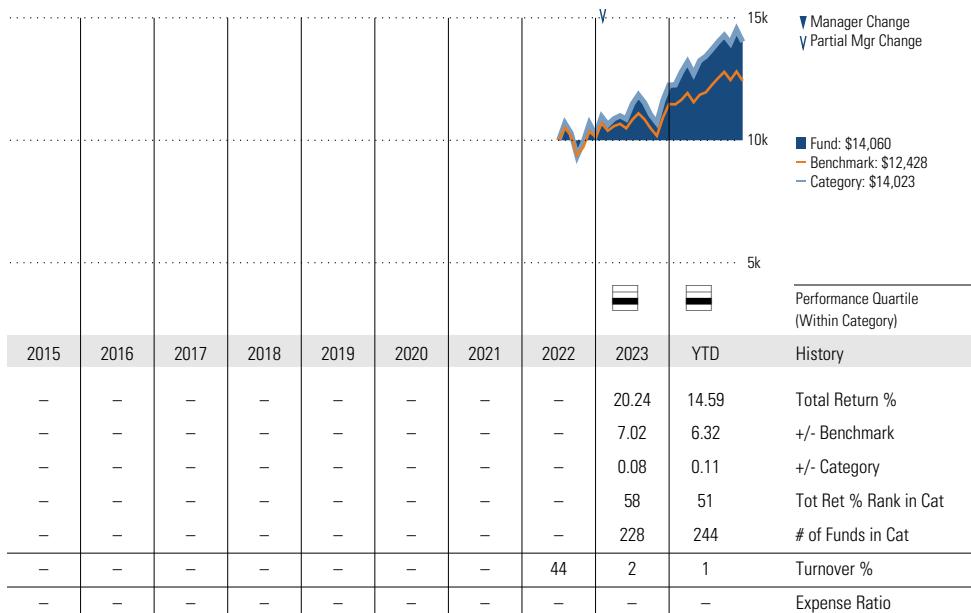
## Morningstar Investment Management LLC Analysis

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

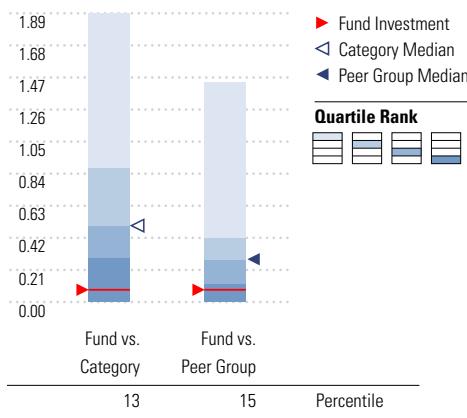
## Growth of \$10,000



## 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

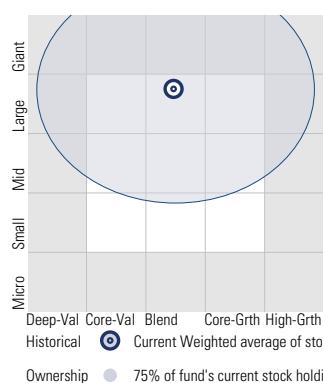
	Fund	Bmark	Cat
Price/Earnings Ratio	20.36	19.69	20.75
Price/Book Ratio	2.63	2.42	2.73
Avg Eff Duration	6.33	-	9.10

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

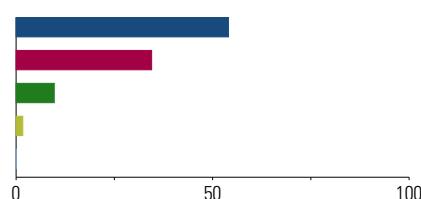
# Vanguard Target Retirement 2070 Fund VSVNX

## Style Analysis as of 12-31-2024

Morningstar Style Box™



## Asset Allocation as of 12-31-2024



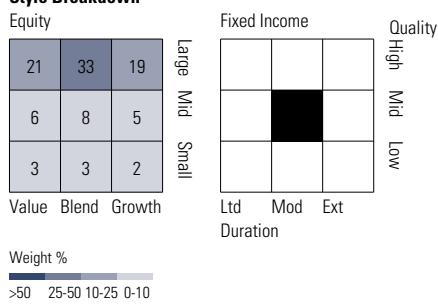
Morningstar Category

Target-Date 2065+

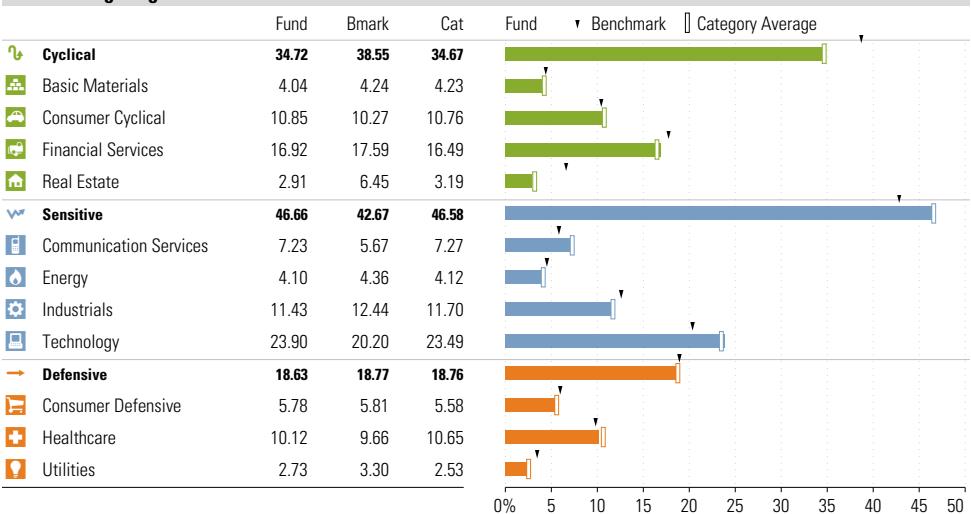
Morningstar Index

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.

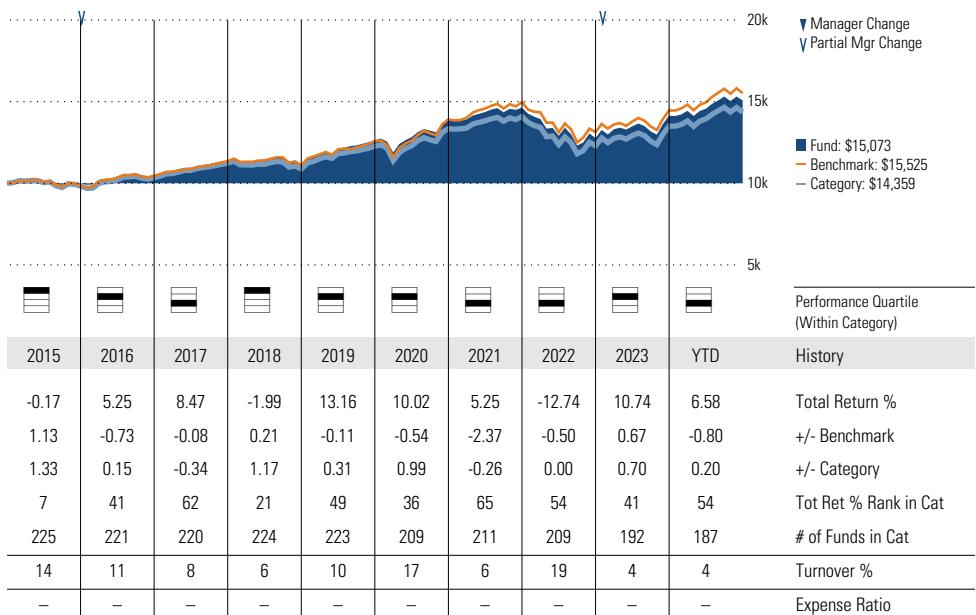
## Morningstar Investment Management LLC Analysis

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

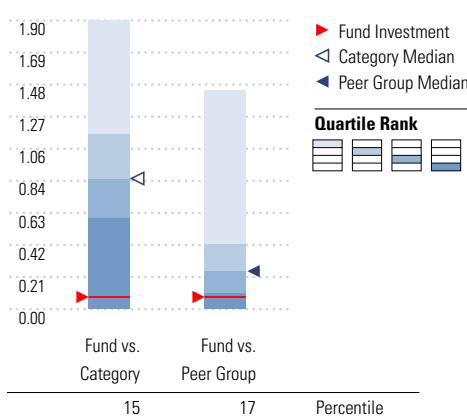
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 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

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

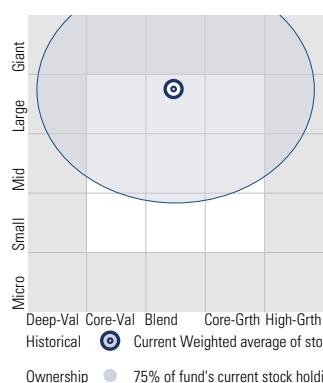
# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category**  
Target-Date Retirement

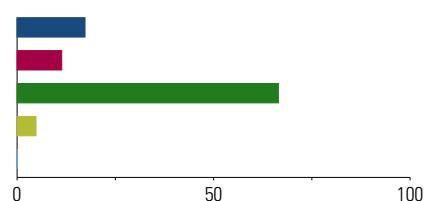
**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

## Style Analysis as of 12-31-2024

Morningstar Style Box™

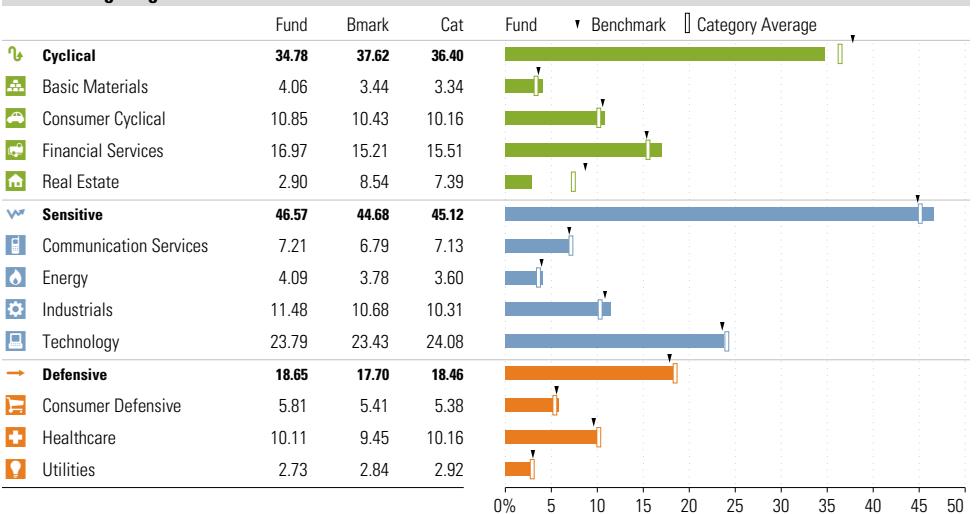


## Asset Allocation as of 12-31-2024

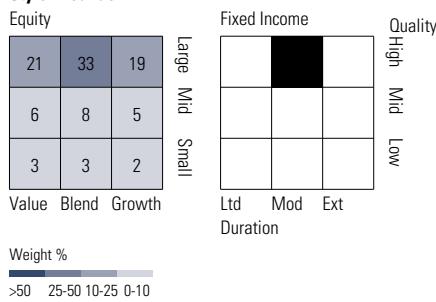


Asset Class	Net %	Cat%
US Stocks	17.28	18.83
Non-US Stocks	11.36	7.92
Bonds	66.48	46.92
Cash	4.81	6.17
Other	0.06	20.16
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2024



## Style Breakdown



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

## 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