

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.6 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.31 is 55.07% lower than the Inflation-Protected Bond category average.

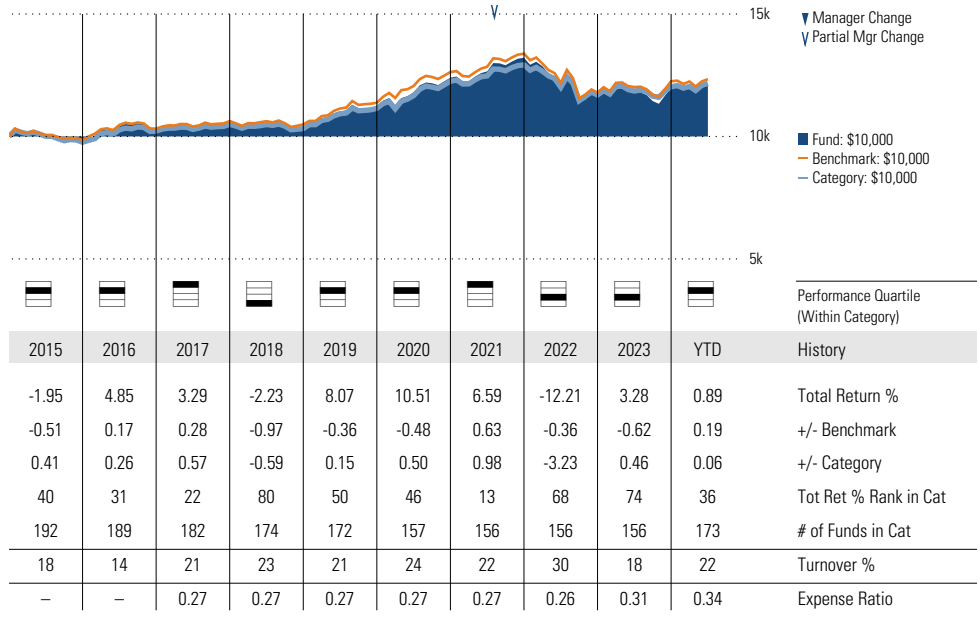
Morningstar Investment Management LLC Analysis

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.

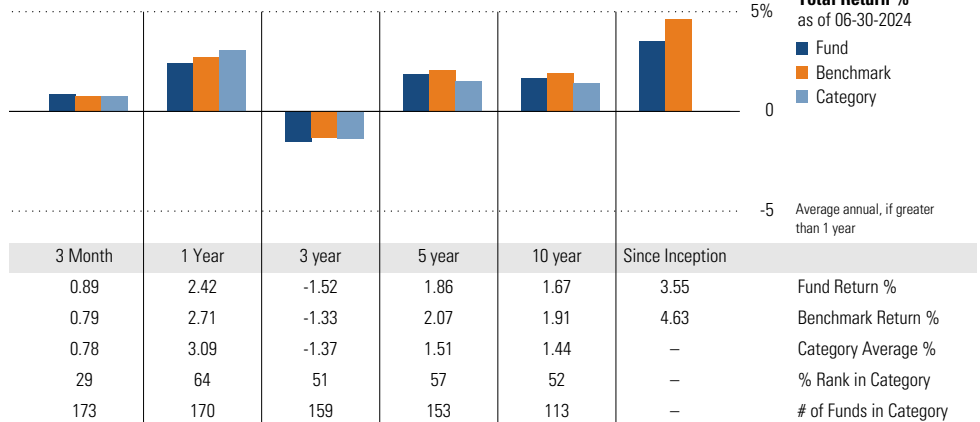
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024

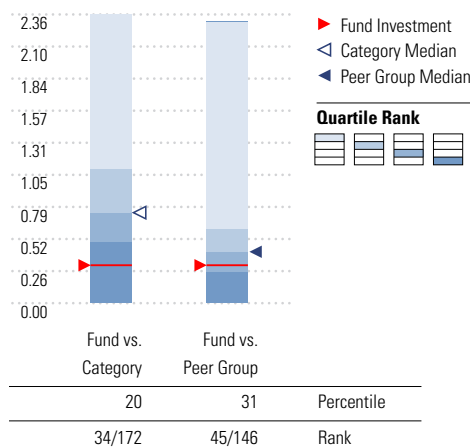
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	-0.16	-	-0.35
Beta	1.02	-	0.99
R-Squared	99.51	-	95.77
Standard Deviation	7.38	7.21	7.77
Sharpe Ratio	-0.63	-0.62	-0.65
Tracking Error	0.54	-	1.76
Information Ratio	-0.36	-	-0.55
Up Capture Ratio	102.67	-	96.99
Down Capture Ratio	104.19	-	101.24

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.95	4.52	6.02
Avg Eff Maturity	6.99	-	7.05

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Morningstar Category
Inflation-Protected Bond

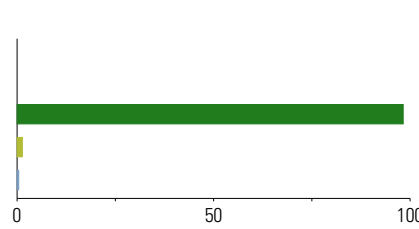
Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 06-30-2024

Style Breakdown



Asset Allocation as of 06-30-2024

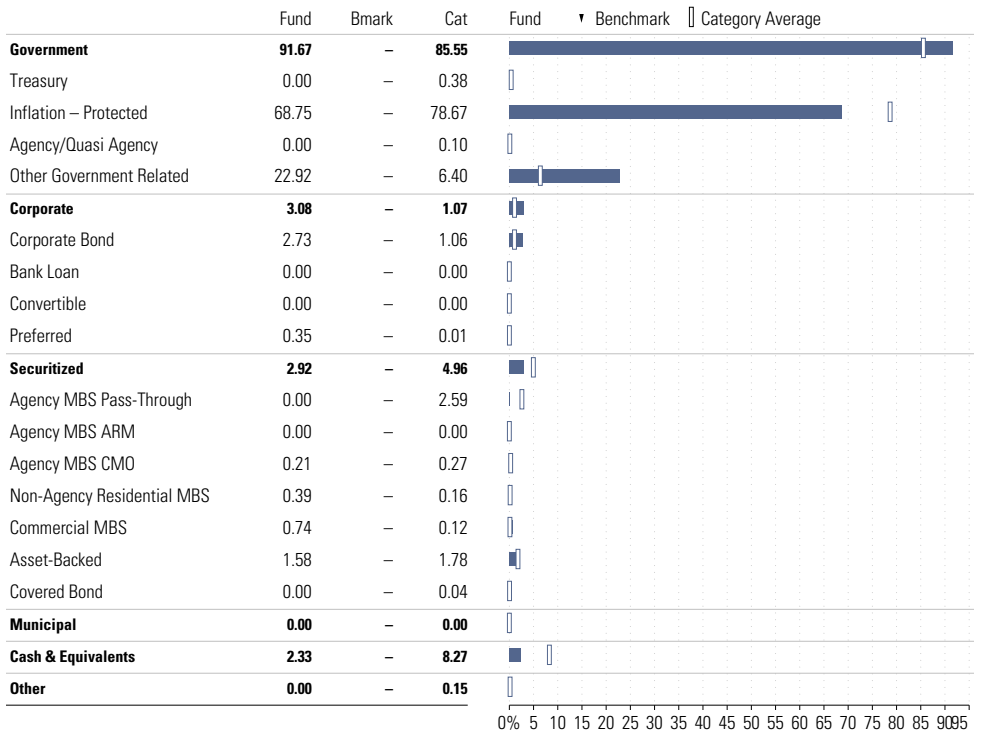


Asset Class	Net %	Cat%
US Stocks	0.00	0.14
Non-US Stocks	0.00	0.00
Bonds	98.24	90.94
Cash	1.34	7.86
Other	0.41	1.06
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	94.12	0.00	25.98
AA	0.76	99.60	70.29
A	2.48	0.00	0.61
BBB	0.83	0.00	0.79
BB	0.00	0.00	0.09
B	0.00	0.00	0.01
Below B	0.00	0.00	0.09
Not Rated	1.81	0.40	2.14

Sector Weighting as of 06-30-2024



Top 10 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Sep24 Xcvt 20240930	09-2024	6.94	6.94	-
⊕ United States Treasury Notes 0.125%	04-2027	4.57	11.51	-
⊕ United States Treasury Notes 0.625%	01-2026	4.23	15.74	-
⊕ United States Treasury Notes 1.375%	07-2033	3.94	19.68	-
⊕ United States Treasury Notes 0.5%	01-2028	3.66	23.34	-
⊕ United States Treasury Notes 0.625%	07-2032	3.58	26.91	-
⊖ United States Treasury Notes 0.125%	01-2031	3.08	29.99	-
⊖ United States Treasury Notes 0.125%	10-2025	2.93	32.93	-
⊖ United States Treasury Notes 0.125%	07-2031	2.92	35.85	-
⊕ United States Treasury Notes 0.125%	04-2026	2.89	38.74	-

Total Holdings 142

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds AMCAP R6 RAFGX

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Portfolio Manager(s)

Lawrence Solomon since 05-2011
James Terrile 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 7 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.18 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.

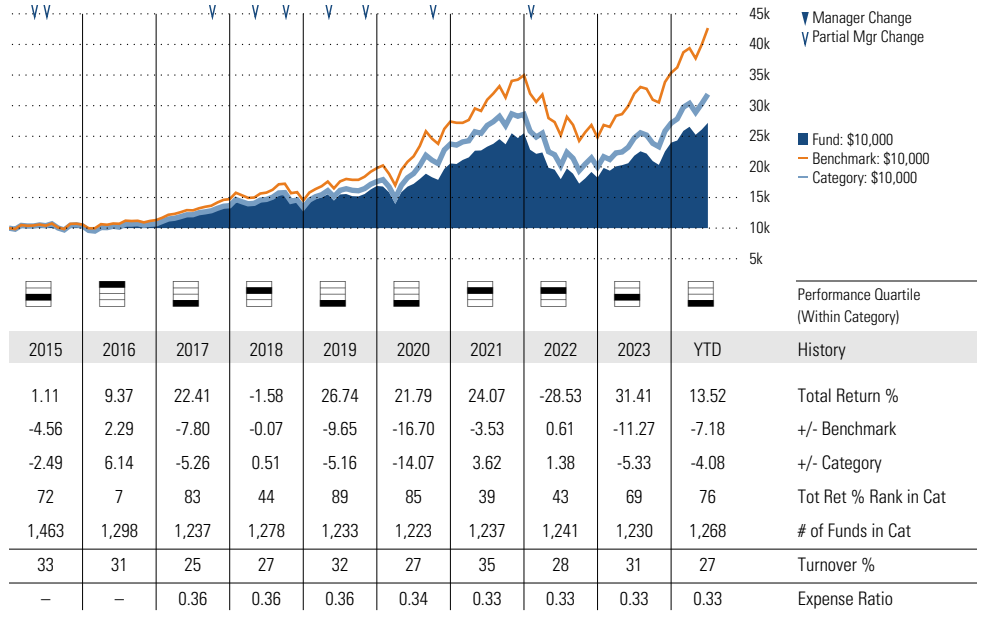
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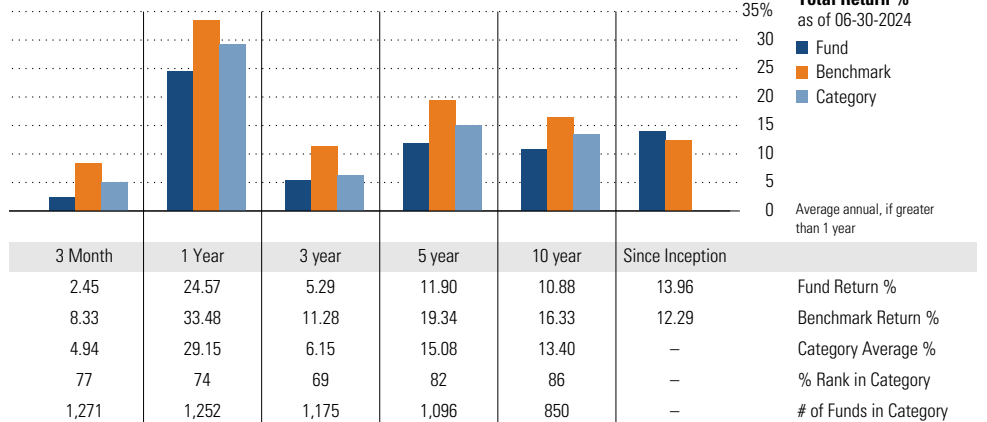
ESG Metrics

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

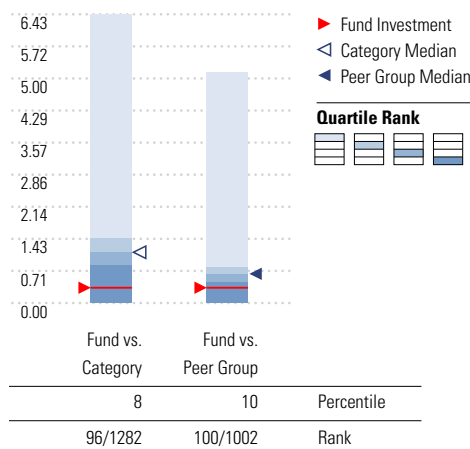
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-4.51	-	-4.76
Beta	0.89	-	0.98
R-Squared	93.36	-	92.82
Standard Deviation	19.60	21.21	21.75
Sharpe Ratio	0.19	0.45	0.23
Tracking Error	5.54	-	5.81
Information Ratio	-1.08	-	-0.90
Up Capture Ratio	81.54	-	89.98
Down Capture Ratio	95.73	-	105.36

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	32.53	35.19	34.99
Price/Book Ratio	6.38	11.62	8.63
Geom Avg Mkt Cap \$B	197.45	608.44	540.94
ROE	29.11	43.78	39.15

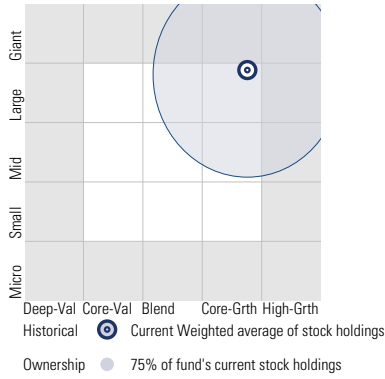
American Funds AMCAP R6 RAFGX

Morningstar Category
Large Growth

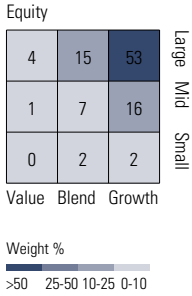
Morningstar Index
Russell 1000 Growth TR USD

Style Analysis as of 06-30-2024

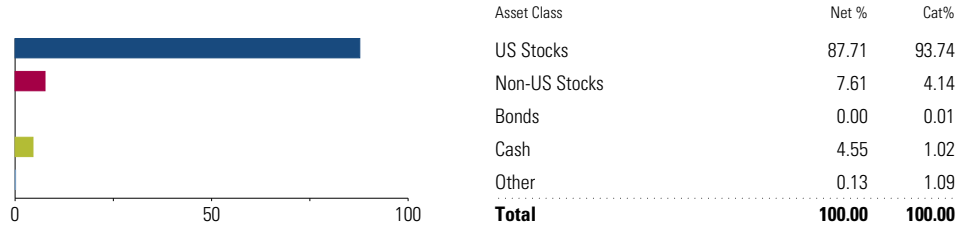
Morningstar Style Box™



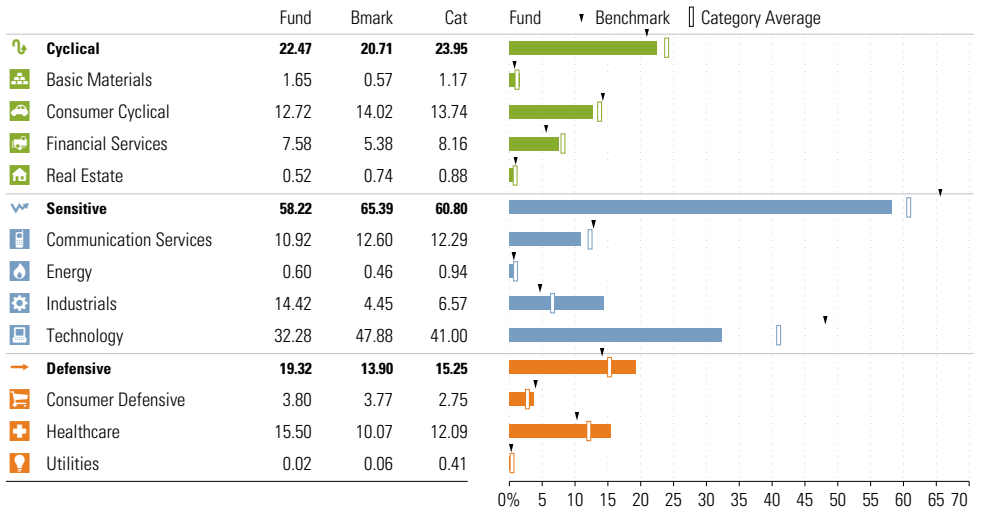
Style Breakdown



Asset Allocation as of 06-30-2024



Sector Weighting as of 06-30-2024



Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.85	6.85	19.26	Technology
Capital Group Central Cash Fund	4.44	11.29	-	-
Broadcom Inc	4.05	15.33	44.77	Technology
Amazon.com Inc	3.71	19.05	27.19	Consumer Cyclical
Alphabet Inc Class A	3.16	22.20	30.54	Communication Svc
Meta Platforms Inc Class A	3.04	25.25	42.73	Communication Svc
TransDigm Group Inc	2.91	28.16	26.30	Industrials
Apple Inc	2.85	31.01	9.65	Technology
Eli Lilly and Co	2.69	33.70	55.76	Healthcare
Salesforce Inc	2.49	36.18	-2.14	Technology
Mastercard Inc Class A	2.00	38.19	3.74	Financial Services
NVIDIA Corp	1.95	40.14	149.49	Technology
Alphabet Inc Class C	1.95	42.09	30.29	Communication Svc
Thermo Fisher Scientific Inc	1.51	43.60	4.33	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	1.41	45.01	-	Technology

Total Holdings 189

⊕ 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

Quantitative Screens

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

Management: The fund's management has been in place for 25.51 years.

Style: The fund has landed in its primary style box — Large Blend — 90.91 % 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.

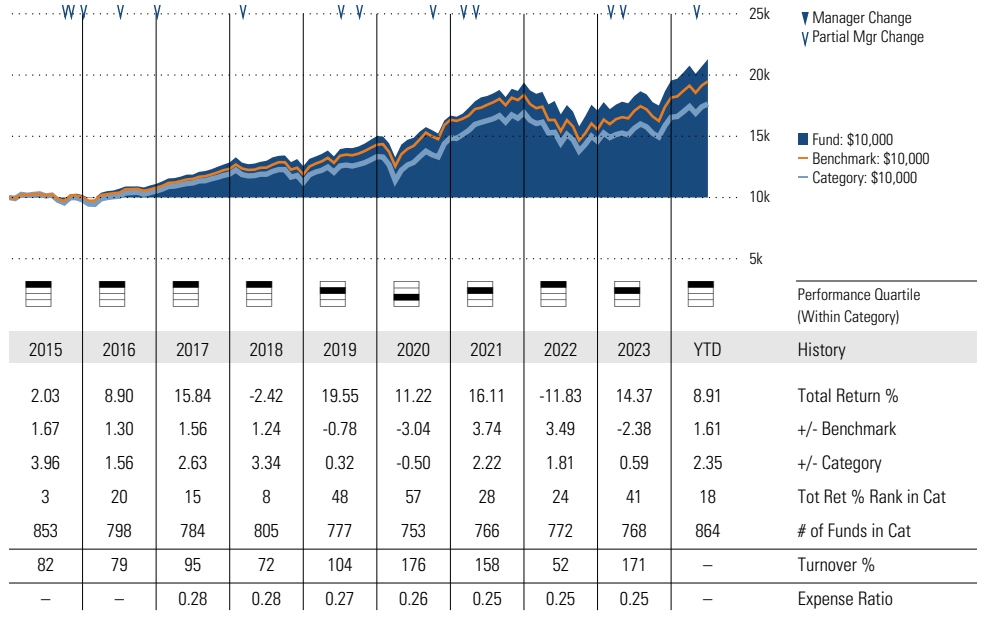
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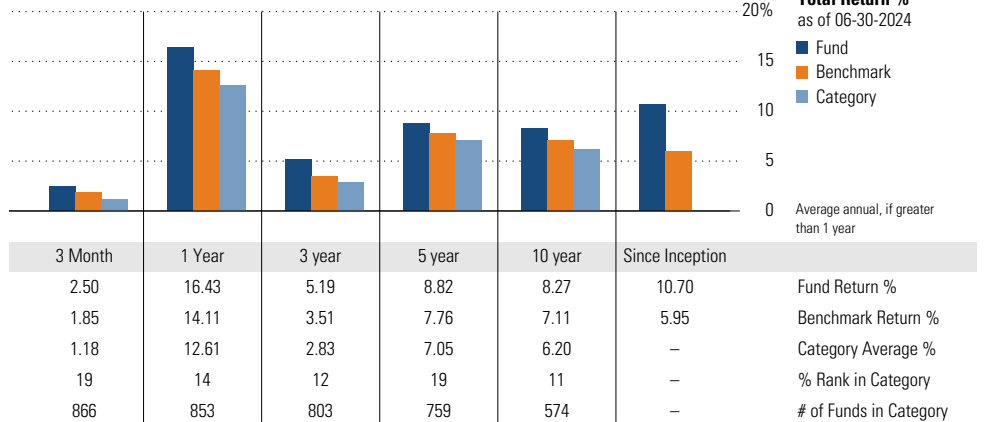
ESG Metrics

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

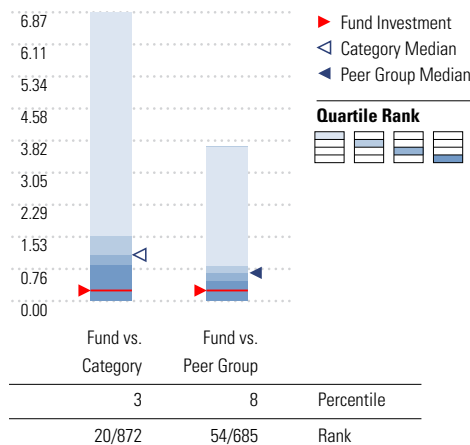
Growth of \$10,000



Trailing Performance



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

Metric	Fund	Bmark	Cat
Alpha	1.70	-	-0.68
Beta	0.98	-	0.98
R-Squared	96.87	-	94.43
Standard Deviation	12.28	12.35	12.42
Sharpe Ratio	0.20	0.07	0.00
Tracking Error	2.19	-	2.75
Information Ratio	0.77	-	-0.40
Up Capture Ratio	106.23	-	96.78
Down Capture Ratio	97.61	-	100.94

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	24.62	22.77	22.57
Price/Book Ratio	4.28	3.31	3.44
Avg Eff Duration	6.30	-	4.92

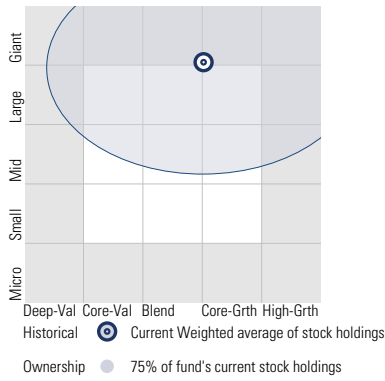
American Funds American Balanced R6 RLBGX

Morningstar Category
Moderate Allocation

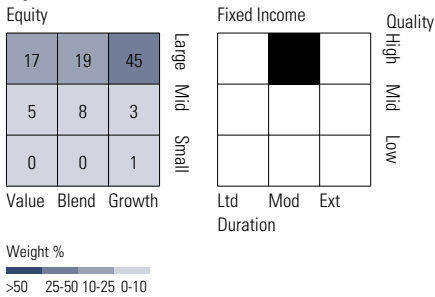
Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 06-30-2024

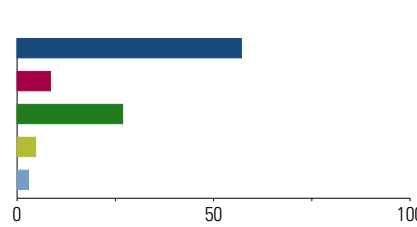
Morningstar Style Box™



Style Breakdown

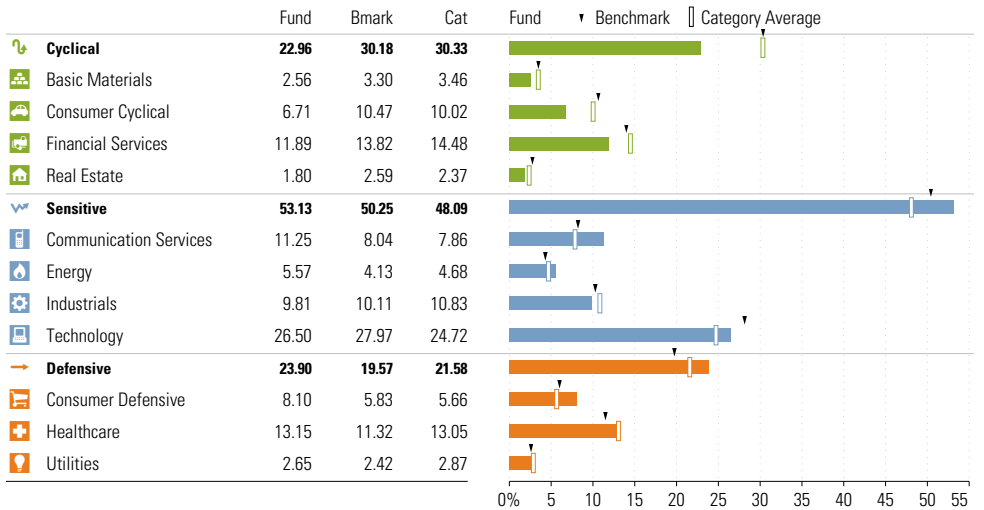


Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	57.07	49.02
Non-US Stocks	8.46	9.98
Bonds	26.86	34.83
Cash	4.71	2.74
Other	2.91	3.43
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Top 10 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	-	7.57	7.57	-	-
Broadcom Inc	-	4.73	12.29	44.77	Technology
Microsoft Corp	-	4.23	16.53	19.26	Technology
Cash And Other Assets Less Liabilities	-	3.12	19.65	-	-
Cap Grp Cent Fd Ser Ii	-	2.84	22.49	-	-
Meta Platforms Inc Class A	-	2.09	24.58	42.73	Communication Svc
Alphabet Inc Class C	-	2.00	26.58	30.29	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd ADR	-	1.97	28.55	68.18	Technology
UnitedHealth Group Inc	-	1.95	30.50	-2.51	Healthcare
Philip Morris International Inc	-	1.65	32.15	10.47	Consumer Defensive

Total Holdings 2884

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds Invmt Co of Amer R6 RICGX

Morningstar Category
Large Blend

Morningstar Index
S&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

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 32.35 years.

Style: The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

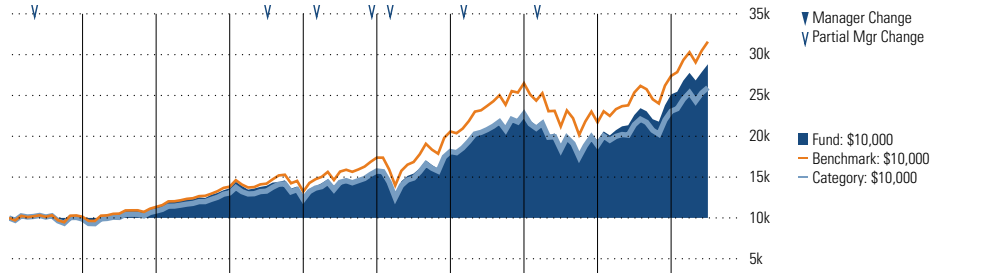
Morningstar Investment Management LLC Analysis

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ESG Metrics

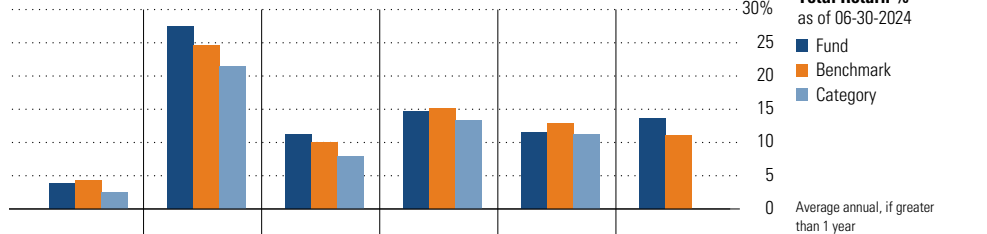
Metric	Rating	Updated
Sustainability Rating	1	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022

Growth of \$10,000



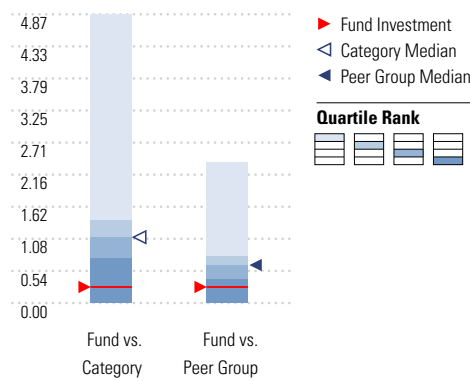
	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
Total Return %	-1.15	14.93	20.06	-6.25	24.92	14.85	25.40	-15.26	28.88	14.73	Total Return %
+/- Benchmark	-2.53	2.97	-1.77	-1.87	-6.57	-3.55	-3.31	2.85	2.59	-0.56	+/- Benchmark
+/- Category	-0.08	4.56	-0.38	0.02	-3.86	-0.98	-0.67	1.70	6.56	2.09	+/- Category
Tot Ret % Rank in Cat	55	7	63	58	87	61	67	31	11	39	Tot Ret % Rank in Cat
# of Funds in Cat	1,535	1,433	1,414	1,421	1,429	1,425	1,444	1,467	1,472	1,578	# of Funds in Cat
Turnover %	30	25	28	36	31	39	22	31	29	-	Turnover %
Expense Ratio	-	-	0.30	0.29	0.28	0.27	0.27	0.27	0.27	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	3.81	27.53	11.20	14.62	11.57	13.68	Fund Return %
Benchmark Return %	4.28	24.56	10.01	15.05	12.86	11.07	Benchmark Return %
Category Average %	2.41	21.37	7.97	13.28	11.23	-	Category Average %
% Rank in Category	34	10	7	31	50	-	% Rank in Category
# of Funds in Category	1,594	1,534	1,404	1,284	953	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.81	-	-1.34
Beta	0.92	-	0.94
R-Squared	96.89	-	94.58
Standard Deviation	16.63	17.86	17.23
Sharpe Ratio	0.52	0.44	0.33
Tracking Error	3.29	-	3.71
Information Ratio	0.36	-	-1.35
Up Capture Ratio	96.30	-	91.28
Down Capture Ratio	90.17	-	96.41

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.30	26.54	24.04
Price/Book Ratio	4.27	4.62	4.83
Geom Avg Mkt Cap \$B	278.34	322.33	370.57
ROE	27.53	33.73	34.43

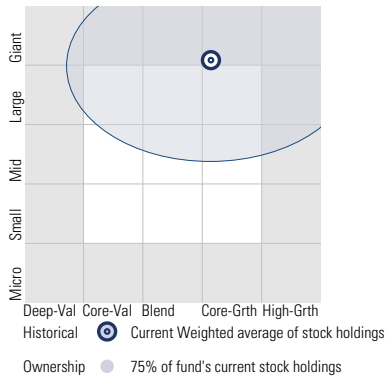
American Funds Invmt Co of Amer R6 RICGX

Morningstar Category
Large Blend

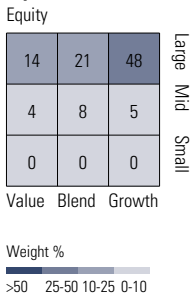
Morningstar Index
S&P 500 TR USD

Style Analysis as of 06-30-2024

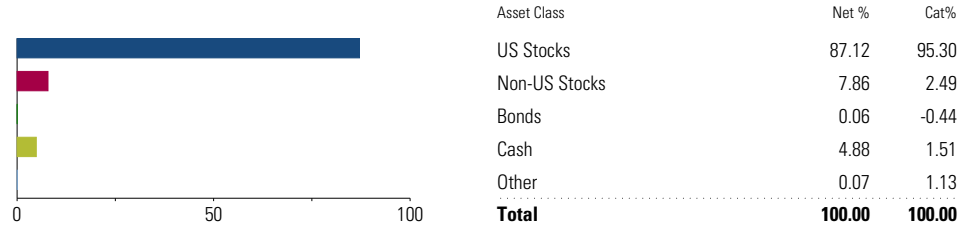
Morningstar Style Box™



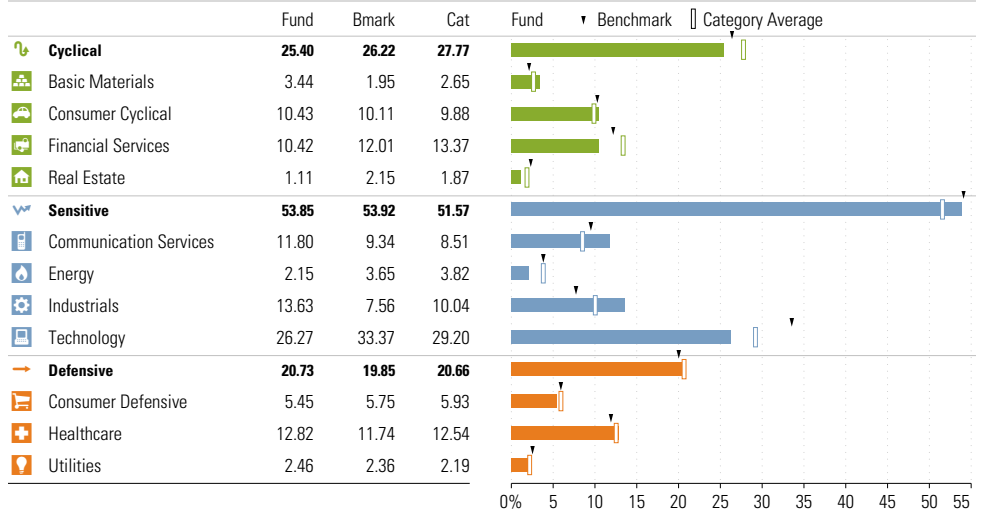
Style Breakdown



Asset Allocation as of 06-30-2024



Sector Weighting as of 06-30-2024



Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	8.04	8.04	19.26	Technology
Broadcom Inc	4.93	12.97	44.77	Technology
Capital Group Central Cash Fund	4.62	17.59	-	-
Meta Platforms Inc Class A	4.43	22.02	42.73	Communication Svc
Amazon.com Inc	3.76	25.78	27.19	Consumer Cyclical
GE Aerospace	3.02	28.80	55.25	Industrials
Alphabet Inc Class A	2.69	31.50	30.54	Communication Svc
Apple Inc	2.59	34.09	9.65	Technology
Alphabet Inc Class C	2.58	36.66	30.29	Communication Svc
RTX Corp	2.07	38.74	20.76	Industrials
Royal Caribbean Group	1.97	40.71	23.12	Consumer Cyclical
UnitedHealth Group Inc	1.77	42.48	-2.51	Healthcare
Mastercard Inc Class A	1.69	44.17	3.74	Financial Services
British American Tobacco PLC	1.60	45.78	-	Consumer Defensive
Carrier Global Corp Ordinary Shares	1.56	47.34	10.46	Industrials

Total Holdings 208

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.59 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 0.42 is 60.38% lower than the Global Large-Stock Growth category average.

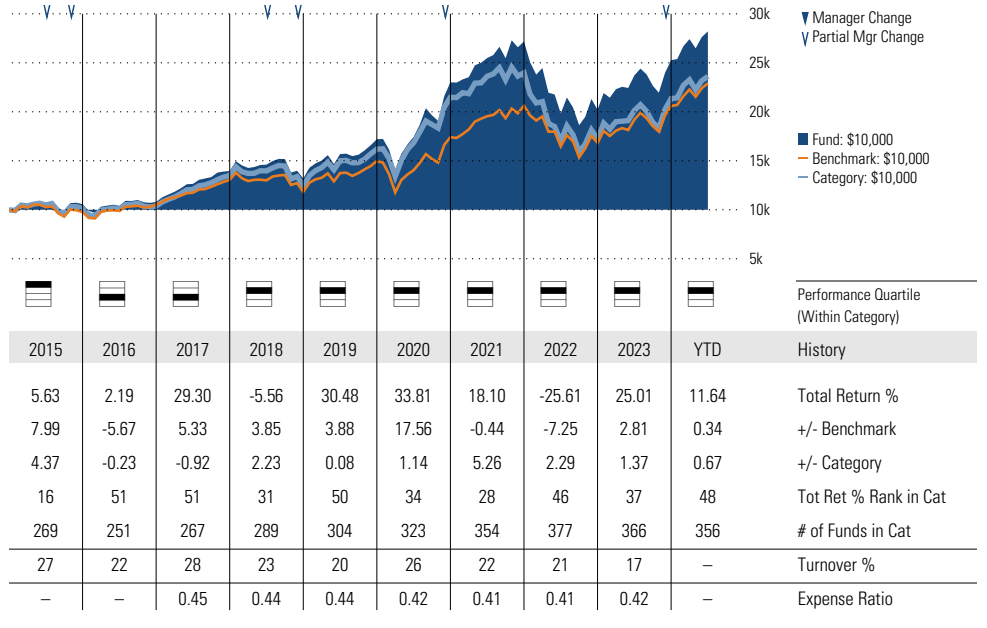
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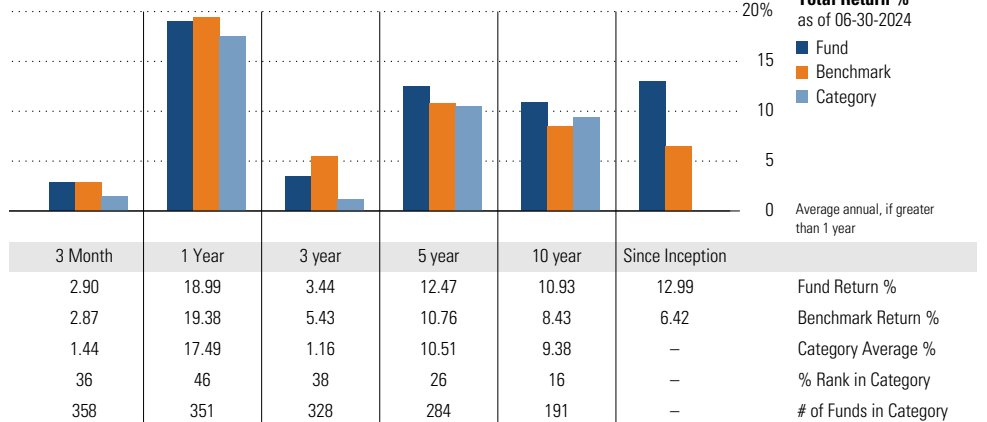
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

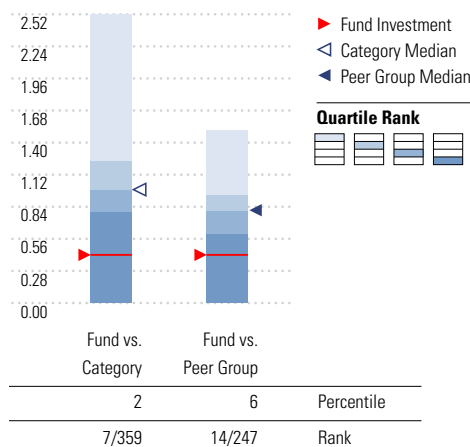
Growth of \$10,000



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.

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.23	-	-3.96
Beta	1.10	-	1.14
R-Squared	96.49	-	89.40
Standard Deviation	18.76	16.76	20.31
Sharpe Ratio	0.09	0.20	0.03
Tracking Error	3.89	-	7.01
Information Ratio	-0.51	-	-0.48
Up Capture Ratio	105.37	-	103.69
Down Capture Ratio	114.69	-	120.61

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.59	21.47	29.76
Price/Book Ratio	3.88	2.98	5.15
Geom Avg Mkt Cap \$B	173.08	157.67	226.53
ROE	27.30	27.46	31.14

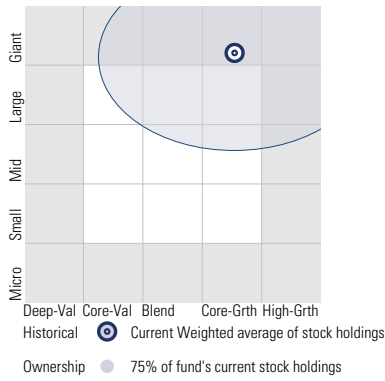
American Funds New Perspective R6 RNPGX

Morningstar Category
Global Large-Stock Growth

Morningstar Index
MSCI ACWI NR USD

Style Analysis as of 06-30-2024

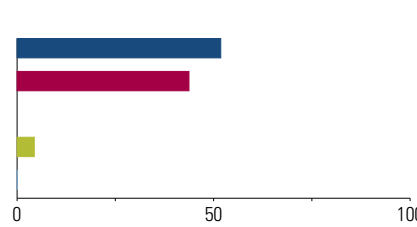
Morningstar Style Box™



Style Breakdown

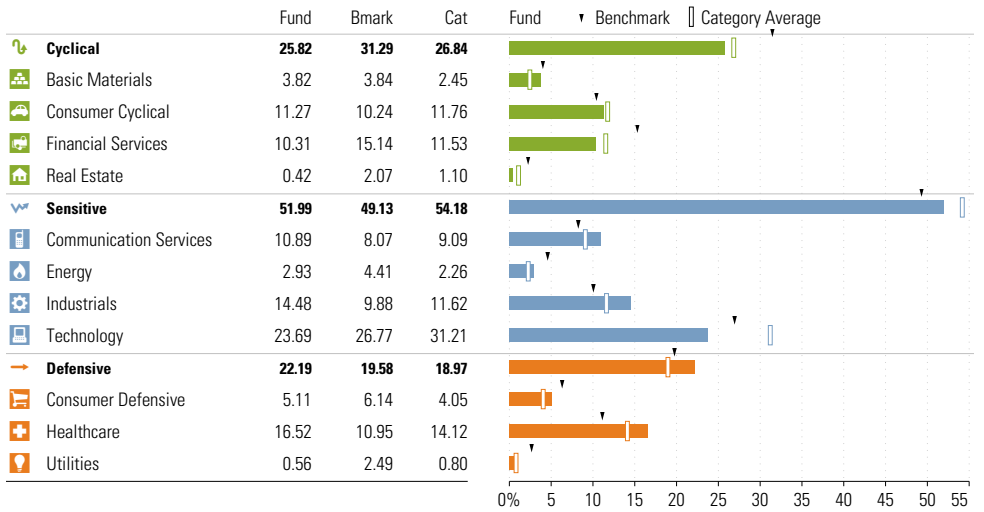


Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	51.82	60.61
Non-US Stocks	43.73	36.70
Bonds	0.00	0.00
Cash	4.37	2.05
Other	0.09	0.64
Total	100.00	100.00

Sector Weighting as of 06-30-2024



World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	11.89	11.65	Americas	57.81	65.39	Greater Europe	30.30	22.97	Developed Markets	96.07
Japan	3.98	3.91	North America	56.61	63.94	United Kingdom	5.68	3.52	Emerging Markets	3.93
Australasia	0.28	0.21	Central/Latin	1.20	1.45	W euro-ex UK	24.28	19.07	Not Available	0.00
Asia-4 Tigers	5.20	3.47				Emrgng Europe	0.00	0.01		
Asia-ex 4 Tigers	2.43	4.06				Africa	0.34	0.37		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.32	4.32	-	-
Microsoft Corp	3.68	8.00	19.26	Technology
Meta Platforms Inc Class A	3.39	11.39	42.73	Communication Svc
Novo Nordisk A/S Class B	3.24	14.63	44.77	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	3.09	17.72	-	Technology
Broadcom Inc	2.87	20.58	44.77	Technology
NVIDIA Corp	2.00	22.58	149.49	Technology
AstraZeneca PLC	1.71	24.30	21.15	Healthcare
Eli Lilly and Co	1.66	25.95	55.76	Healthcare
Tesla Inc	1.61	27.56	-20.36	Consumer Cyclical

Total Holdings 271

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 25.05 years.

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

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

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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

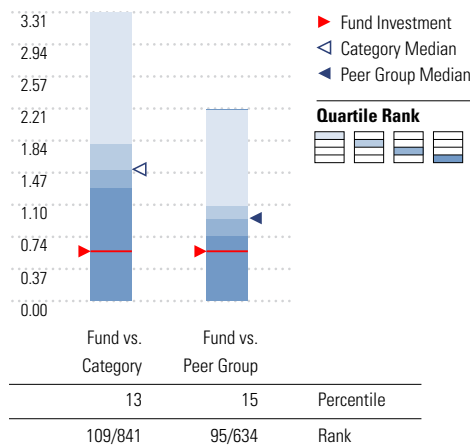
Growth of \$10,000



Trailing Performance



Net Expense



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

Metric	Fund	Bmark	Cat
Alpha	1.67	-	-0.48
Beta	0.80	-	0.94
R-Squared	77.72	-	87.49
Standard Deviation	16.06	17.80	17.99
Sharpe Ratio	-0.29	-0.40	-0.40
Tracking Error	8.41	-	6.25
Information Ratio	0.31	-	-0.06
Up Capture Ratio	83.62	-	94.57
Down Capture Ratio	77.23	-	96.94

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.93	14.98	14.90
Price/Book Ratio	3.22	1.74	1.90
Geom Avg Mkt Cap \$B	80.78	45.58	50.03
ROE	23.38	16.00	17.80

American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

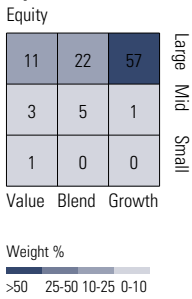
Morningstar Index
MSCI EM NR USD

Style Analysis as of 06-30-2024

Morningstar Style Box™



Style Breakdown

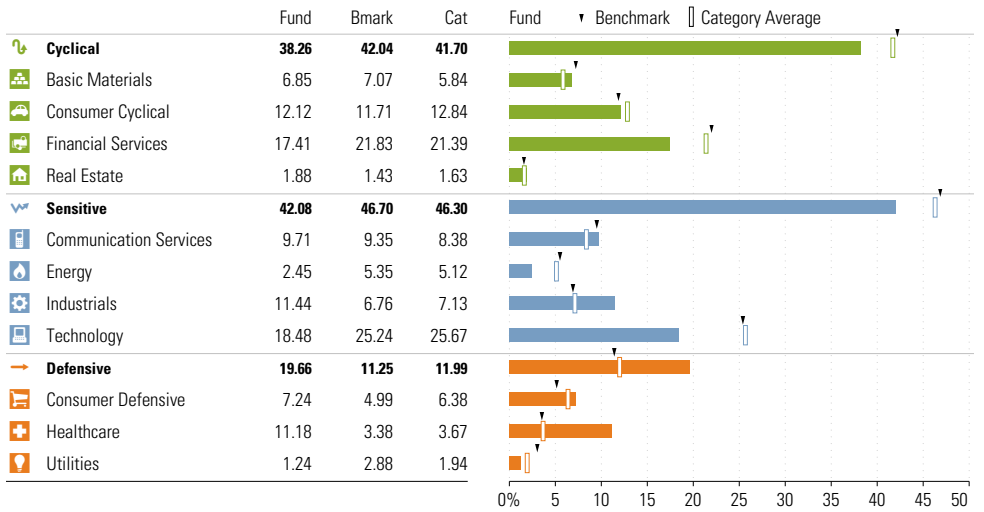


Asset Allocation as of 06-30-2024

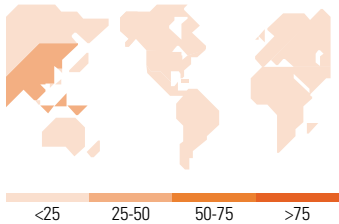


Asset Class	Net %	Cat%
US Stocks	21.34	2.68
Non-US Stocks	70.13	95.62
Bonds	3.41	0.00
Cash	4.95	1.63
Other	0.16	0.07
Total	100.00	100.00

Sector Weighting as of 06-30-2024



World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	43.48	75.02	Americas	33.50	14.06	Greater Europe	23.02	10.90	Developed Markets	57.92
Japan	2.93	0.08	North America	24.86	2.20	United Kingdom	2.76	0.57	Emerging Markets	42.08
Australasia	0.00	0.02	Central/Latin	8.64	11.86	W euro-ex UK	17.57	1.89	Not Available	0.00
Asia-4 Tigers	9.65	29.91				Emrgng Europe	0.44	2.16		
Asia-ex 4 Tigers	30.90	45.01				Africa	2.25	6.28		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	4.97	4.97	—	—
⊕ Taiwan Semiconductor Manufacturing Co Ltd	3.80	8.76	—	Technology
Microsoft Corp	2.86	11.62	19.26	Technology
⊕ Novo Nordisk A/S Class B	2.32	13.95	44.77	Healthcare
⊕ Tencent Holdings Ltd	2.16	16.10	27.21	Communication Svc
⊕ NVIDIA Corp	1.61	17.71	149.49	Technology
⊕ MercadoLibre Inc	1.55	19.26	4.57	Consumer Cyclical
⊕ Meta Platforms Inc Class A	1.53	20.79	42.73	Communication Svc
⊖ Eli Lilly and Co	1.38	22.17	55.76	Healthcare
⊖ Broadcom Inc	1.36	23.53	44.77	Technology

Total Holdings 575

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds Washington Mutual R6 RWMGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 7 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 27.02 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 65.33% 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

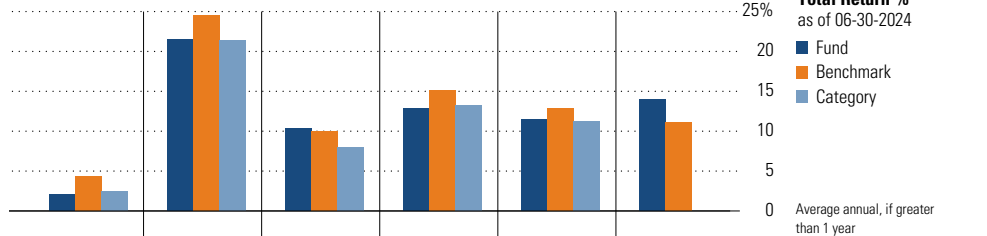
Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



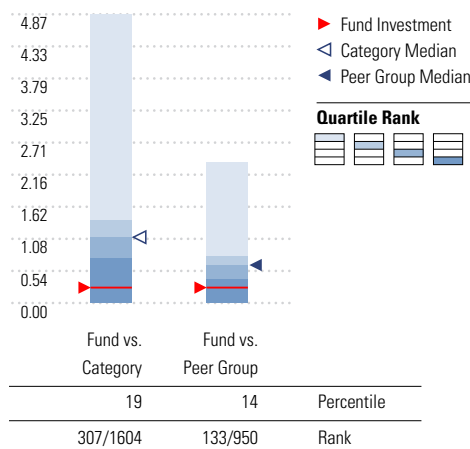
	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	0.12	13.73	20.54	-2.66	25.93	8.08	28.90	-8.18	17.59	11.44	Total Return %
+/- Benchmark	-1.26	1.77	-1.29	1.72	-5.56	-10.32	0.19	9.93	-8.70	-3.85	+/- Benchmark
+/- Category	1.19	3.36	0.10	3.61	-2.85	-7.75	2.83	8.78	-4.73	-1.20	+/- Category
Tot Ret % Rank in Cat	8	58	10	12	82	90	21	5	79	68	Tot Ret % Rank in Cat
# of Funds in Cat	1,535	1,433	1,414	1,421	1,429	1,425	1,444	1,467	1,472	1,578	# of Funds in Cat
Turnover %	24	30	21	25	25	30	24	19	30	31	Turnover %
Expense Ratio	-	-	0.30	0.29	0.29	0.27	0.27	0.26	0.26	0.26	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	2.05	21.53	10.31	12.91	11.42	13.97	Fund Return %
Benchmark Return %	4.28	24.56	10.01	15.05	12.86	11.07	Benchmark Return %
Category Average %	2.41	21.37	7.97	13.28	11.23	-	Category Average %
% Rank in Category	63	60	17	65	54	-	% Rank in Category
# of Funds in Category	1,594	1,534	1,404	1,284	953	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.85	-	-1.34
Beta	0.82	-	0.94
R-Squared	92.48	-	94.58
Standard Deviation	15.20	17.86	17.23
Sharpe Ratio	0.50	0.44	0.33
Tracking Error	5.28	-	3.71
Information Ratio	0.06	-	-1.35
Up Capture Ratio	86.78	-	91.28
Down Capture Ratio	80.62	-	96.41

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	23.85	26.54	24.04
Price/Book Ratio	4.02	4.62	4.83
Geom Avg Mkt Cap \$B	200.54	322.33	370.57
ROE	28.57	33.73	34.43

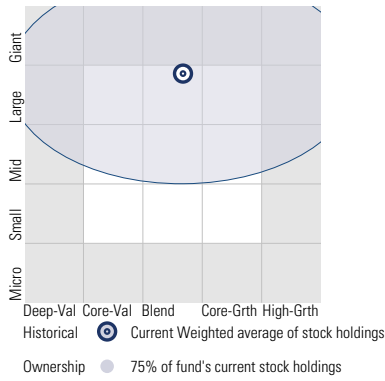
American Funds Washington Mutual R6 RWMGX

Morningstar Category
Large Blend

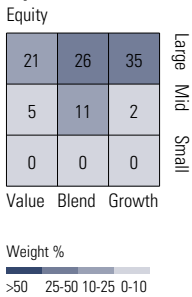
Morningstar Index
S&P 500 TR USD

Style Analysis as of 06-30-2024

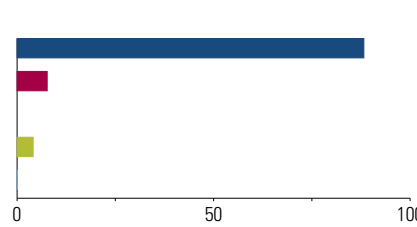
Morningstar Style Box™



Style Breakdown

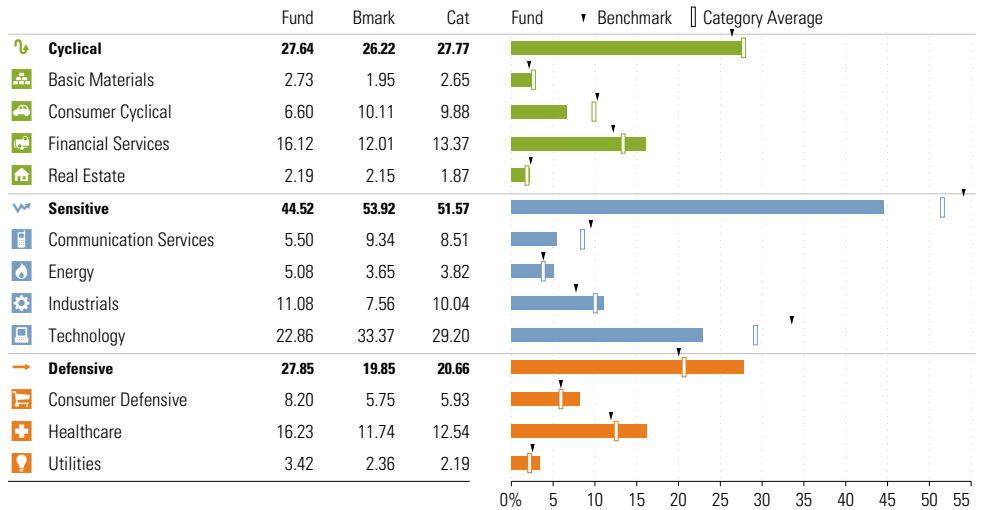


Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	88.23	95.30
Non-US Stocks	7.65	2.49
Bonds	0.00	-0.44
Cash	4.08	1.51
Other	0.03	1.13
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	6.43	6.43	44.77	Technology
⊖ Microsoft Corp	6.33	12.76	19.26	Technology
⊕ Capital Group Central Cash Fund	3.94	16.70	-	-
⊖ Eli Lilly and Co	3.06	19.76	55.76	Healthcare
⊕ UnitedHealth Group Inc	2.97	22.73	-2.51	Healthcare
⊖ Marsh & McLennan Companies Inc	2.27	25.01	11.96	Financial Services
⊕ Apple Inc	2.18	27.18	9.65	Technology
⊕ Philip Morris International Inc	1.85	29.03	10.47	Consumer Defensive
⊖ Comcast Corp Class A	1.76	30.79	-9.33	Communication Svc
⊕ Alphabet Inc Class C	1.64	32.44	30.29	Communication Svc
⊖ JPMorgan Chase & Co	1.62	34.05	20.20	Financial Services
⊕ ASML Holding NV ADR	1.54	35.60	35.58	Technology
⊖ AbbVie Inc	1.48	37.08	12.68	Healthcare
⊖ Exxon Mobil Corp	1.24	38.32	17.04	Energy
⊖ The Home Depot Inc	1.21	39.52	0.63	Consumer Cyclical

Total Holdings 182

⊕ 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

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 23.77 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 42.31% 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	05-31-2024
ESG Commitment	1-Low	02-15-2022

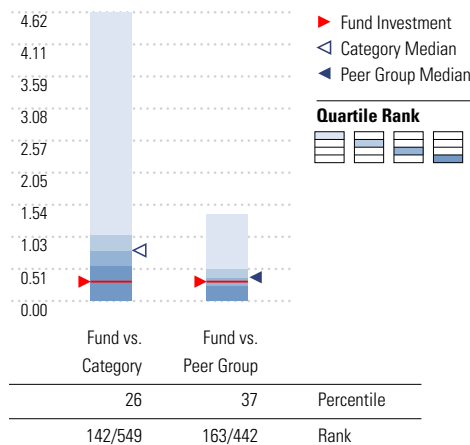
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.35	-	-0.08
Beta	1.01	-	0.98
R-Squared	99.64	-	97.76
Standard Deviation	7.56	7.43	7.36
Sharpe Ratio	-0.79	-0.85	-0.86
Tracking Error	0.47	-	0.99
Information Ratio	0.62	-	-0.20
Up Capture Ratio	102.15	-	96.79
Down Capture Ratio	99.01	-	97.79

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.21	4.43	6.00
Avg Eff Maturity	8.23	-	8.77

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2024

Style Breakdown



Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.02
Bonds	97.85	93.87
Cash	2.08	4.13
Other	0.07	1.89
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	62.90	3.53	23.71
AA	3.30	74.59	40.42
A	12.50	10.82	21.59
BBB	21.10	8.32	12.31
BB	0.20	0.28	0.68
B	0.00	0.00	0.49
Below B	0.00	0.00	0.21
Not Rated	0.00	2.46	0.59

Sector Weighting as of 06-30-2024



Top 10 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 1.13%	10-2026	3.63	3.63	-
⊕ First American Government Obligs U	02-2030	1.91	5.54	-
⊖ United States Treasury Notes 2.38%	03-2029	1.89	7.43	-
United States Treasury Bonds 2.88%	05-2043	1.76	9.19	-
⊖ United States Treasury Bonds 2.5%	02-2045	1.74	10.94	-
United States Treasury Bonds 2.88%	05-2052	1.61	12.55	-
⊕ United States Treasury Bonds 3.88%	05-2043	1.54	14.09	-
United States Treasury Bonds 2.38%	02-2042	1.52	15.61	-
⊕ United States Treasury Bonds 3.38%	08-2042	1.48	17.09	-
⊕ United States Treasury Notes 4.13%	02-2027	1.37	18.46	-

Total Holdings 1810

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BlackRock High Yield Bond 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 14.51 years.

Style Consistency is not calculated for Fixed Income funds.

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

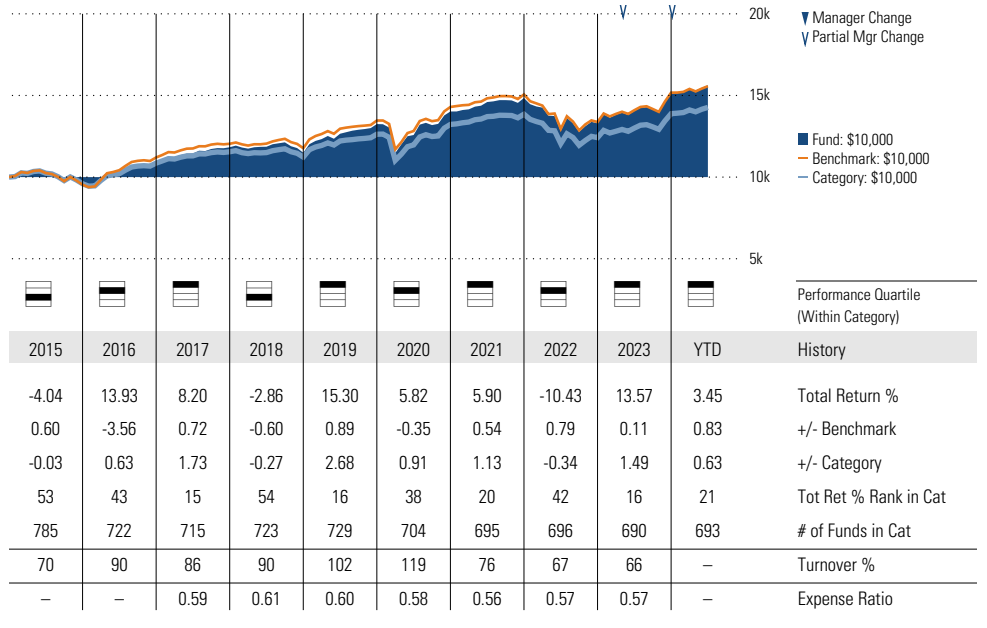
Morningstar Investment Management LLC Analysis

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

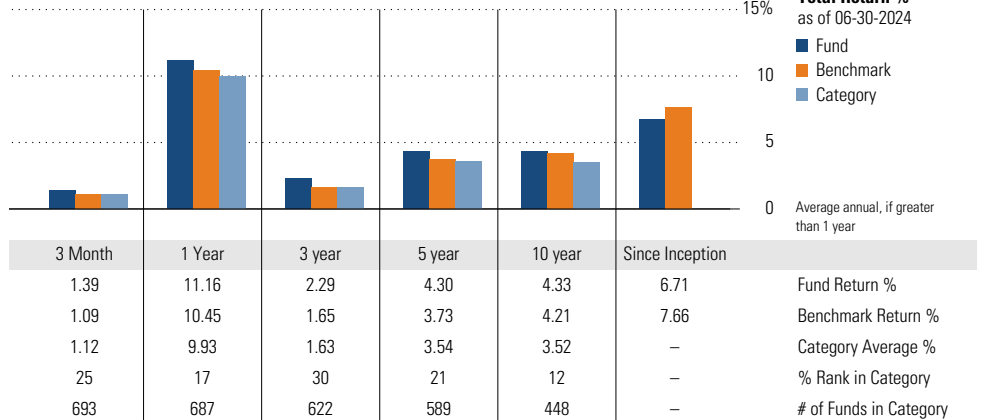
ESG Metrics

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

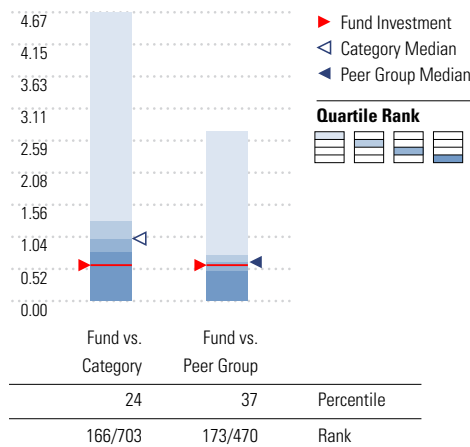
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	0.64	-	0.06
Beta	0.99	-	0.89
R-Squared	99.57	-	94.37
Standard Deviation	8.46	8.48	7.77
Sharpe Ratio	-0.09	-0.17	-0.19
Tracking Error	0.55	-	1.89
Information Ratio	1.16	-	-0.24
Up Capture Ratio	101.91	-	89.25
Down Capture Ratio	95.86	-	88.66

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.08	-	3.04
Avg Eff Maturity	-	-	4.72

BlackRock High Yield Bond Instl BHYX

Morningstar Category
High Yield Bond

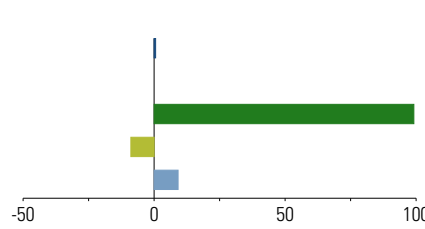
Morningstar Index
ICE BofA US High Yield TR USD

Style Analysis as of 06-30-2024

Style Breakdown



Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.58	0.75
Non-US Stocks	0.00	0.05
Bonds	99.14	92.91
Cash	-8.87	4.81
Other	9.15	1.49
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.63
AA	0.00	-	1.36
A	0.07	-	0.30
BBB	4.04	-	4.52
BB	31.12	-	34.87
B	49.99	-	36.00
Below B	13.30	-	19.18
Not Rated	1.48	-	2.15

Sector Weighting as of 06-30-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Government	0.44	-	2.18			
Treasury	0.00	-	0.93			
Inflation – Protected	0.00	-	0.00			
Agency/Quasi Agency	0.00	-	0.00			
Other Government Related	0.44	-	1.25			
Corporate	91.48	-	90.04			
Corporate Bond	79.59	-	87.21			
Bank Loan	10.08	-	1.98			
Convertible	0.97	-	0.46			
Preferred	0.84	-	0.39			
Securitized	0.08	-	1.22			
Agency MBS Pass-Through	0.00	-	0.04			
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.03			
Non-Agency Residential MBS	0.00	-	0.04			
Commercial MBS	0.00	-	0.14			
Asset-Backed	0.08	-	0.97			
Covered Bond	0.00	-	0.00			
Municipal	0.00	-	0.04			
Cash & Equivalents	1.96	-	5.57			
Other	6.03	-	0.96			

Top 10 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	9.49	9.49	-
ICE: (CDX.NA.HY.42.V1)	06-2029	3.33	12.82	-
⊕ iShares Broad USD High Yield Corp Bd ETF	-	2.88	15.69	-
⊖ BlackRock Liquidity T-Fund Instl	-	1.65	17.34	-
⊕ EUR/USD Purchased	09-2024	1.59	18.93	-
⊖ EUR/USD Purchased	09-2024	1.59	20.51	-
HUB International Ltd.	01-2032	1.18	21.69	-
TRSWAP: IBOXHY INDEX	03-2025	1.14	22.83	-
⊕ EUR/USD Purchased	09-2024	1.03	23.86	-
⊖ EUR/USD Purchased	09-2024	1.03	24.89	-

Total Holdings 1544

⊕ 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 26.99 years.

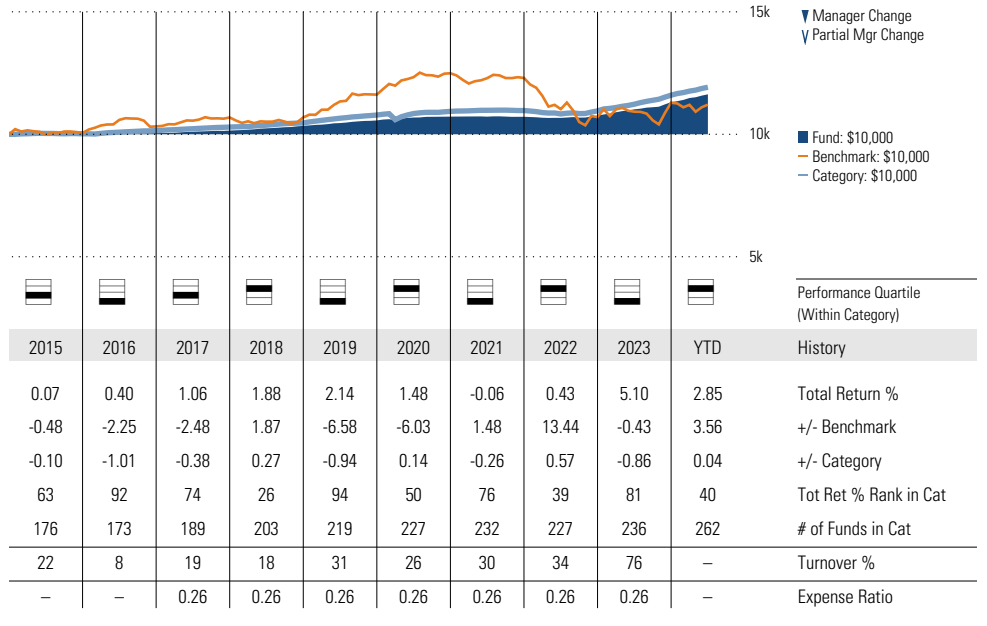
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 36.59% lower than the Ultrashort Bond category average.

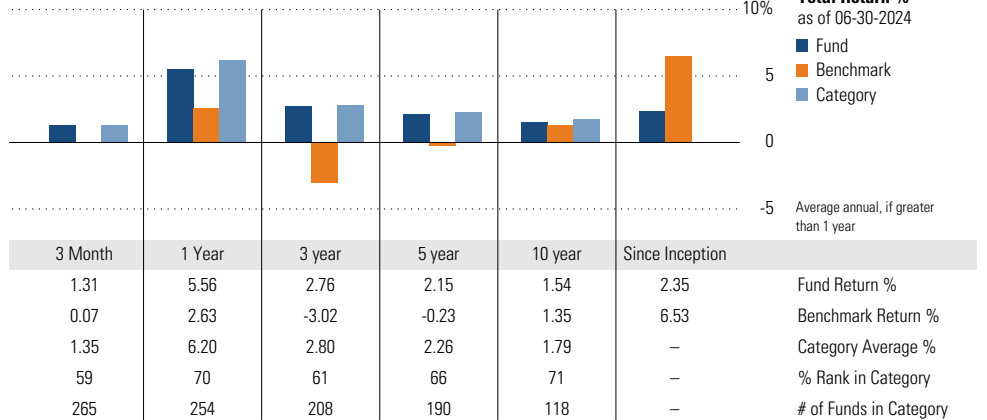
Morningstar Investment Management LLC Analysis

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.

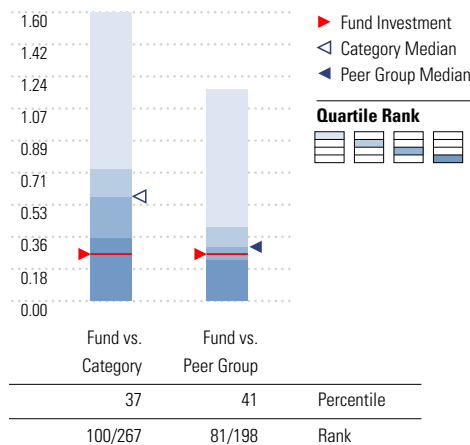
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	2.96	-	3.02
Beta	0.08	-	0.09
R-Squared	42.77	-	30.02
Standard Deviation	0.95	7.43	1.26
Sharpe Ratio	-1.09	-0.85	-0.91
Tracking Error	6.85	-	6.84
Information Ratio	0.84	-	0.85
Up Capture Ratio	20.65	-	20.02
Down Capture Ratio	-7.94	-	-8.65

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.55	4.43	1.15
Avg Eff Maturity	-	-	2.02

Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category
Ultrashort Bond

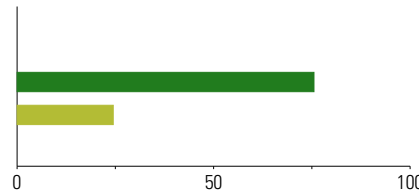
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2024

Style Breakdown



Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.00	3.39
Non-US Stocks	0.00	0.00
Bonds	75.54	66.70
Cash	24.46	29.70
Other	0.00	0.20
Total	100.00	100.00

Credit Rating Breakdown

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

Sector Weighting as of 06-30-2024



Top 10 Holdings as of 06-30-2024

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

Total Holdings 210

⊕ Increase ⊖ Decrease ✱ New to Portfolio

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 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.67 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.09 is 6.86% higher than the Commodities Broad Basket category average.

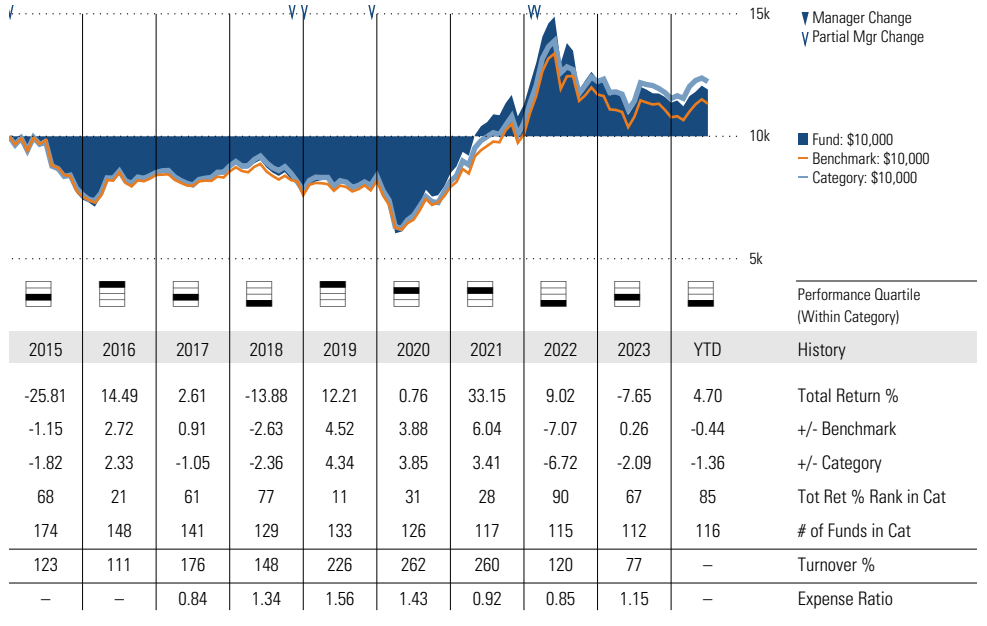
Morningstar Investment Management LLC Analysis

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.

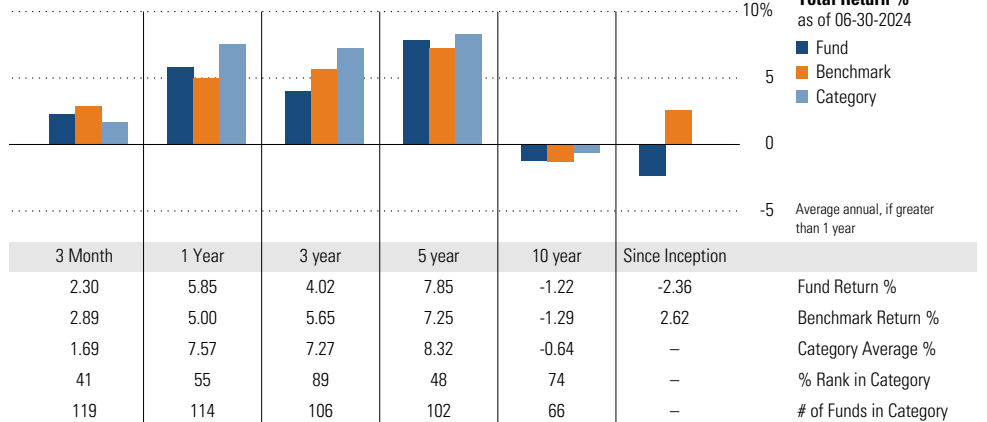
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024

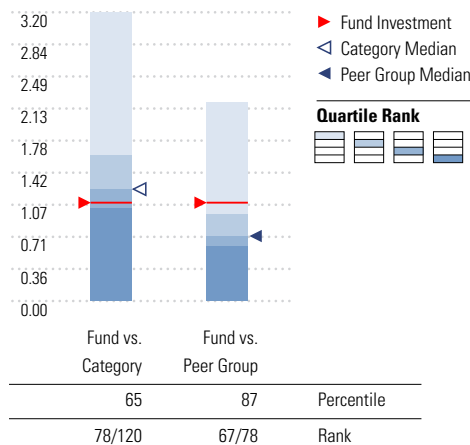
Growth of \$10,000



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	-1.90	-	1.27
Beta	1.10	-	0.96
R-Squared	95.74	-	88.75
Standard Deviation	16.98	15.12	15.43
Sharpe Ratio	0.12	0.21	0.27
Tracking Error	3.81	-	4.81
Information Ratio	-0.43	-	0.00
Up Capture Ratio	102.52	-	96.44
Down Capture Ratio	112.07	-	90.00

Portfolio Metrics

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

PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 06-30-2024

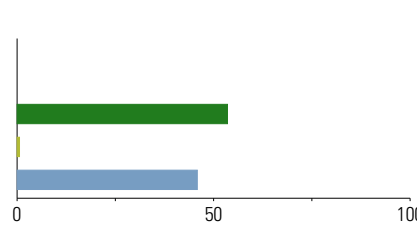
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	0.00	1.06
Non-US Stocks	0.00	0.33
Bonds	53.53	35.76
Cash	0.61	55.93
Other	45.85	6.92
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ 2 Year Treasury Note Future June 24	20.54	20.54	-	-
⊖ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay	20.36	40.91	-	-
⊖ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive	20.36	61.27	-	-
⊕ United States Treasury Notes 0.125%	15.32	76.59	-	-
✳ Offset: Unsettled Trades	14.13	90.72	-	-
⊕ Pimco Cayman Cmnty Fd Ltd Instl	12.51	103.23	-	-
⊖ 10 Year Treasury Note Future June 24	11.03	114.26	-	-
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Receive	10.81	125.07	-	-
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Pay	10.58	135.65	-	-
⊖ US Treasury Bond Future June 24	10.16	145.81	-	-
⊕ United States Treasury Notes 0.125%	9.81	155.63	-	-
✳ Cash Offset	8.71	164.33	-	-
⊖ U S TIPS REV REPO	8.16	172.49	-	-
⊕ United States Treasury Notes 0.5%	8.01	180.51	-	-
⊖ EUROPEAN MONETARY UNION EURO Sold	7.94	188.45	-	-

Total Holdings 779

⊕ Increase ⊖ Decrease ✳ New to Portfolio

PIMCO Income I2 PONPX

Morningstar Category
Multisector Bond

Morningstar Index
Bloomberg US Universal TR USD

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 17.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.72 is 26.53% lower than the Multisector Bond category average.

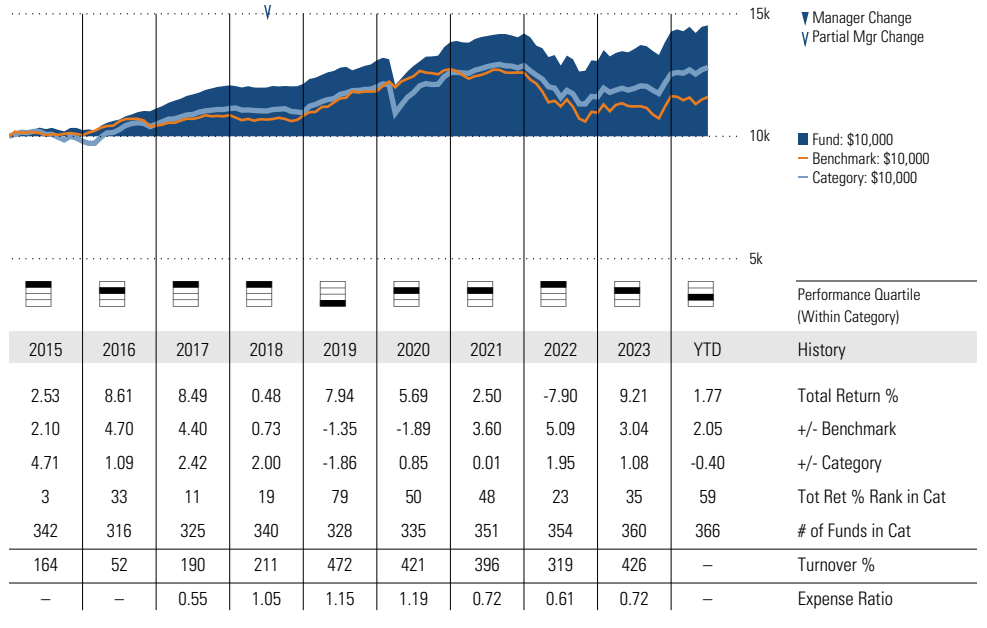
Morningstar Investment Management LLC Analysis

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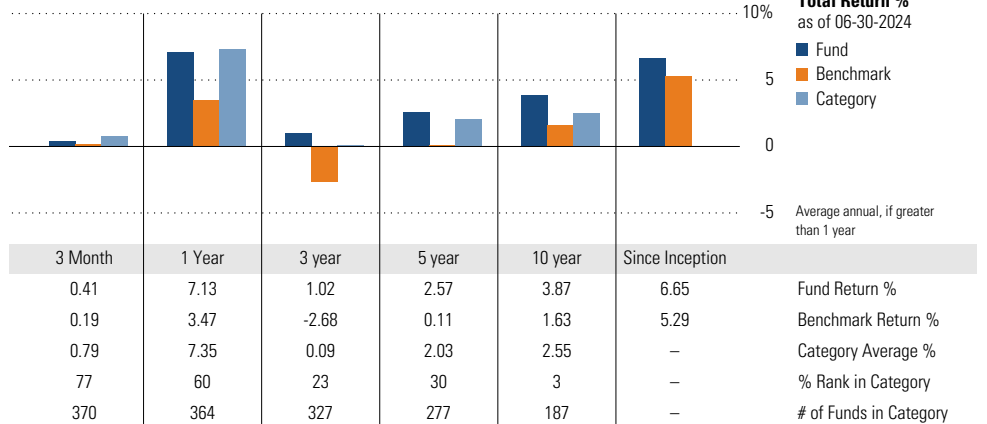
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024

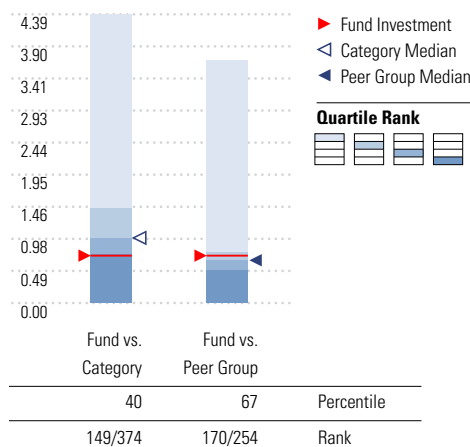
Growth of \$10,000



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	3.22	-	2.01
Beta	0.82	-	0.77
R-Squared	86.16	-	77.12
Standard Deviation	6.44	7.32	6.43
Sharpe Ratio	-0.34	-0.81	-0.52
Tracking Error	2.75	-	3.60
Information Ratio	1.35	-	0.74
Up Capture Ratio	91.53	-	79.26
Down Capture Ratio	60.61	-	61.30

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.55	4.55	4.11
Avg Eff Maturity	5.31	7.69	7.17

PIMCO Income I2 PONPX

Morningstar Category
Multisector Bond

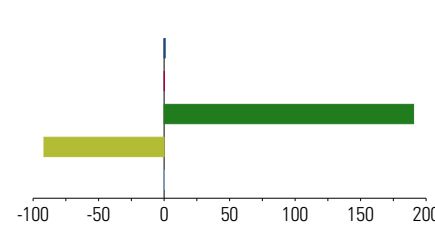
Morningstar Index
Bloomberg US Universal TR USD

Style Analysis as of 06-30-2024

Style Breakdown



Asset Allocation as of 06-30-2024

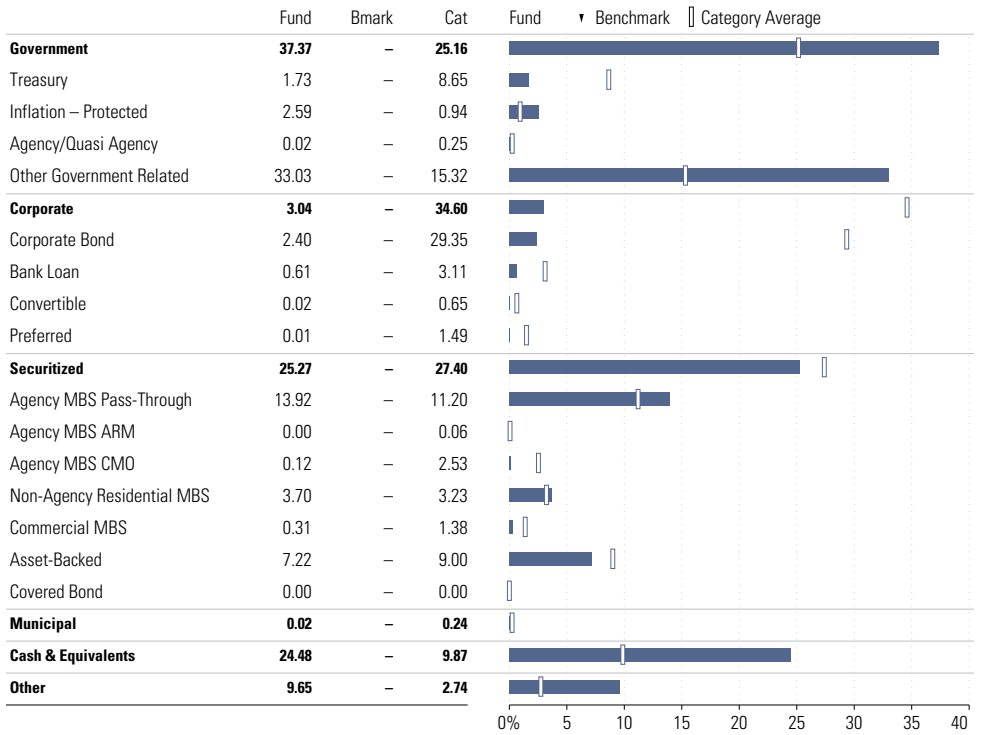


Asset Class	Net %	Cat%
US Stocks	0.81	1.31
Non-US Stocks	0.32	0.14
Bonds	190.45	104.94
Cash	-91.70	-3.82
Other	0.11	-2.58
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	60.28	67.64	15.93
AA	7.84	3.23	11.95
A	3.89	10.03	7.89
BBB	11.61	10.89	24.23
BB	5.90	3.19	17.49
B	3.51	3.64	11.34
Below B	6.97	1.38	7.48
Not Rated	0.00	0.00	3.69

Sector Weighting as of 06-30-2024



Top 0 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
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Total Holdings 0

⊕ Increase ⊖ Decrease ✱ New to Portfolio

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

Morningstar Category
Global Bond-USD Hedged

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.73 is 5.8% higher than the Global Bond-USD Hedged category average.

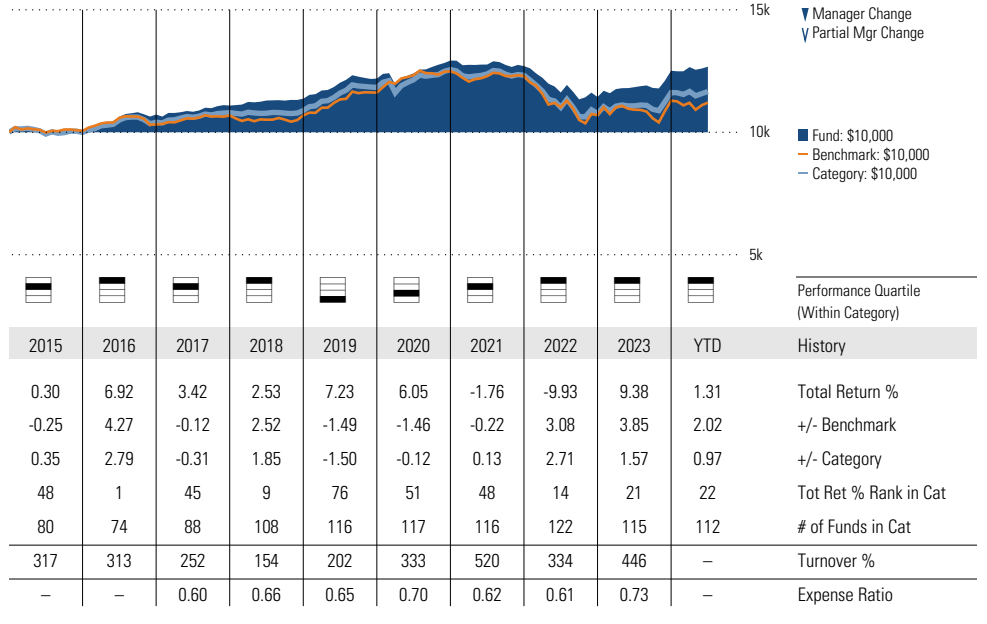
Morningstar Investment Management LLC Analysis

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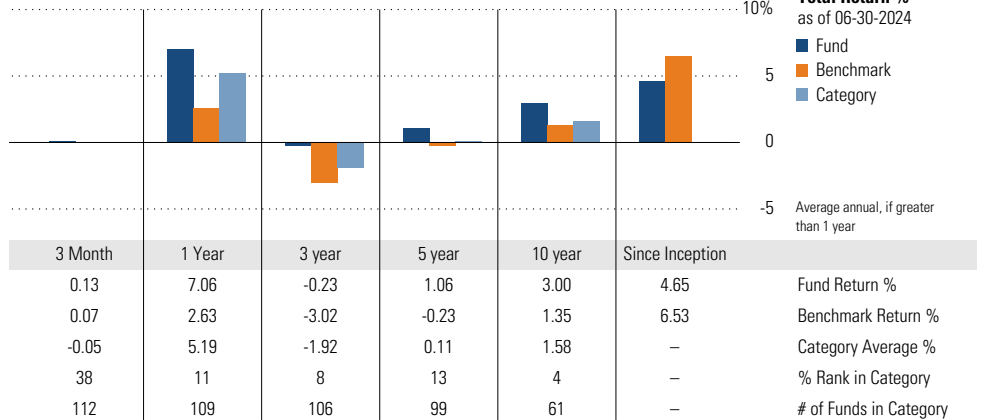
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

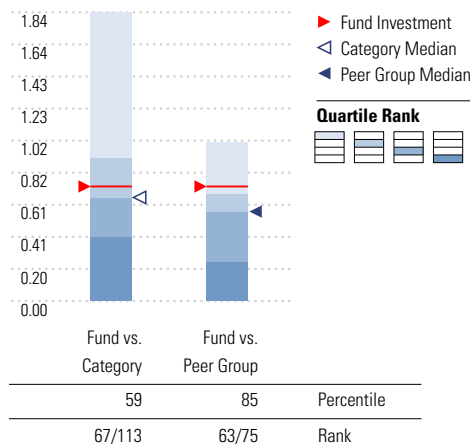
Growth of \$10,000



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	1.54	-	0.39
Beta	0.59	-	0.81
R-Squared	76.68	-	84.66
Standard Deviation	5.01	7.43	6.52
Sharpe Ratio	-0.73	-0.85	-0.84
Tracking Error	3.89	-	3.09
Information Ratio	0.72	-	0.33
Up Capture Ratio	66.44	-	82.20
Down Capture Ratio	51.37	-	78.68

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.34	4.43	5.83
Avg Eff Maturity	7.49	-	7.56

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

Morningstar Category
Global Bond-USD Hedged

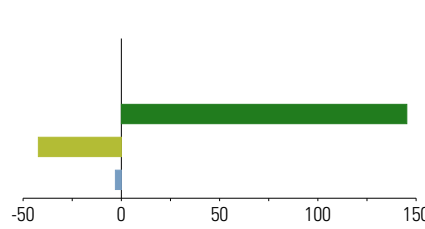
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2024

Style Breakdown



Asset Allocation as of 06-30-2024

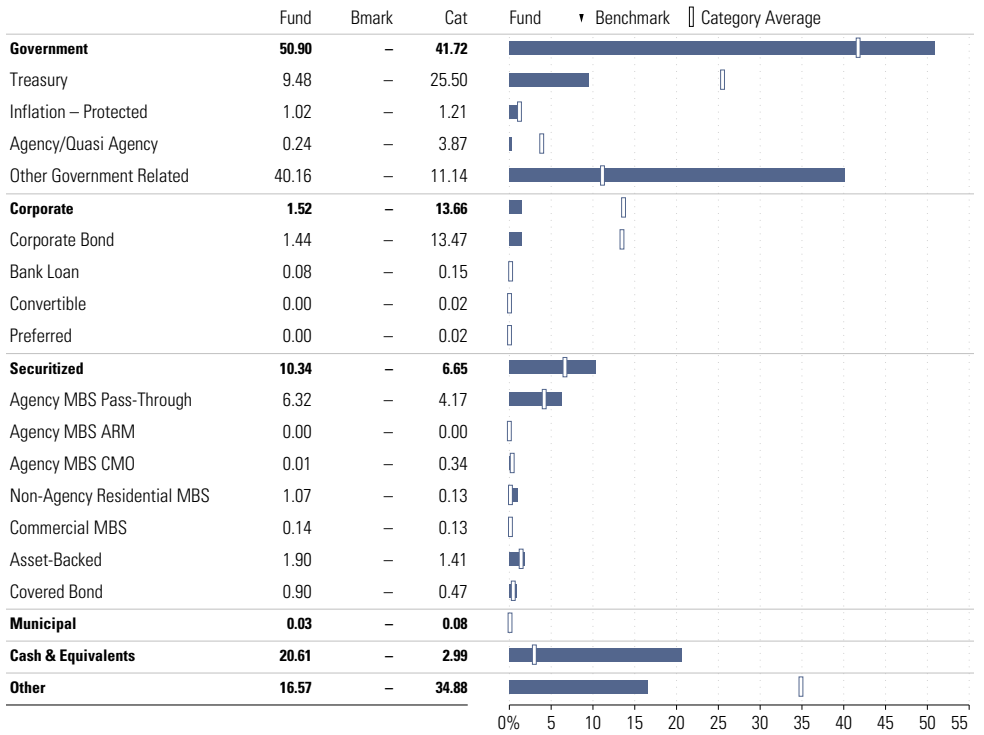


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	145.27	90.33
Cash	-42.23	9.55
Other	-3.03	0.12
Total	100.00	100.00

Credit Rating Breakdown

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

Sector Weighting as of 06-30-2024



Top 0 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Total Holdings 0				

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

✔ **Style:** The fund has landed in its primary style box — Large Blend — 80.56 % of the time over the past three years.

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

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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

Growth of \$10,000



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

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

Portfolio Metrics

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

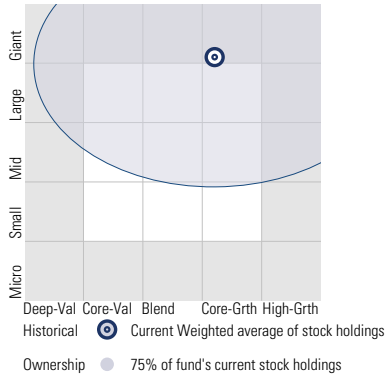
Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

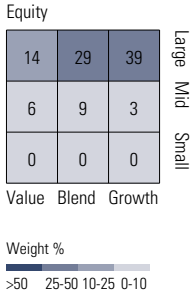
Morningstar Index
S&P 500 TR USD

Style Analysis as of 06-30-2024

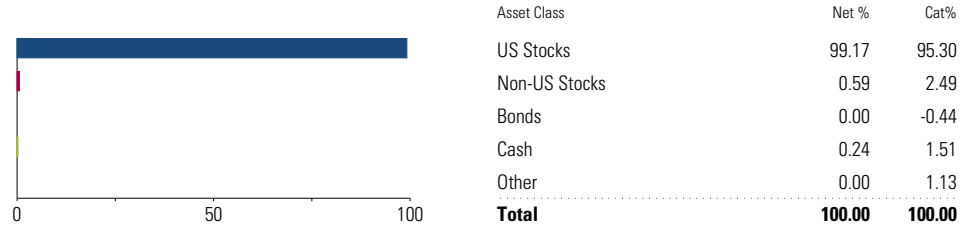
Morningstar Style Box™



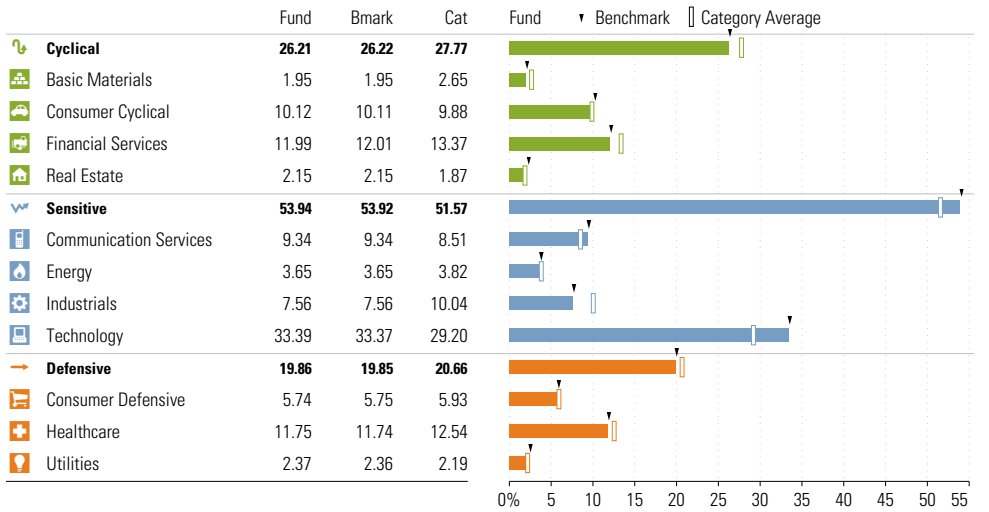
Style Breakdown



Asset Allocation as of 06-30-2024



Sector Weighting as of 06-30-2024



Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	7.23	7.23	19.26	Technology
⊖ NVIDIA Corp	6.62	13.85	149.49	Technology
⊖ Apple Inc	6.61	20.46	9.65	Technology
⊕ Amazon.com Inc	3.85	24.31	27.19	Consumer Cyclical
⊖ Meta Platforms Inc Class A	2.41	26.72	42.73	Communication Svc
⊖ Alphabet Inc Class A	2.33	29.05	30.54	Communication Svc
⊖ Alphabet Inc Class C	1.95	31.00	30.29	Communication Svc
⊖ Berkshire Hathaway Inc Class B	1.60	32.61	14.06	Financial Services
⊕ Eli Lilly and Co	1.57	34.18	55.76	Healthcare
⊖ Broadcom Inc	1.52	35.70	44.77	Technology
⊖ JPMorgan Chase & Co	1.26	36.97	20.20	Financial Services
⊕ Tesla Inc	1.20	38.16	-20.36	Consumer Cyclical
⊖ Exxon Mobil Corp	1.12	39.29	17.04	Energy
⊖ UnitedHealth Group Inc	1.02	40.31	-2.51	Healthcare
⊖ Visa Inc Class A	0.89	41.20	1.21	Financial Services

Total Holdings 507

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

✔ **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 90.7% lower than the Foreign Large Blend category average.

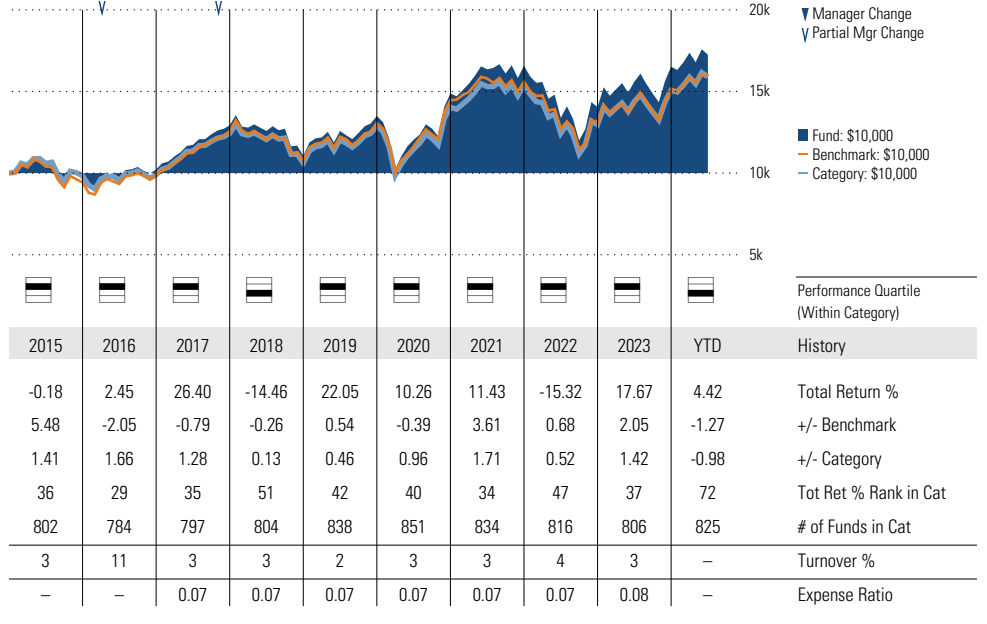
Morningstar Investment Management LLC Analysis

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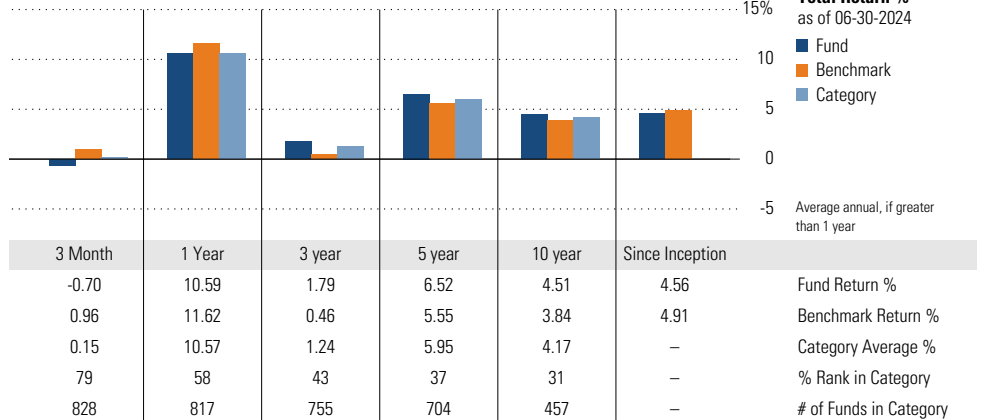
ESG Metrics

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

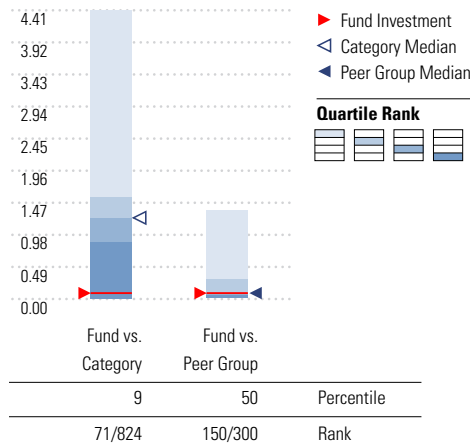
Growth of \$10,000



Trailing Performance



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

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

Portfolio Metrics

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

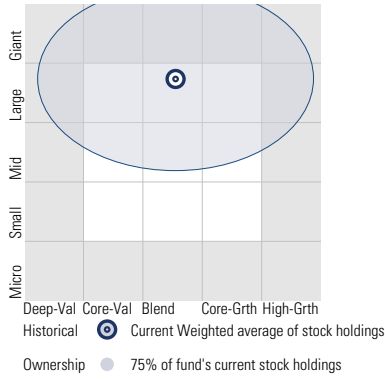
Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category
Foreign Large Blend

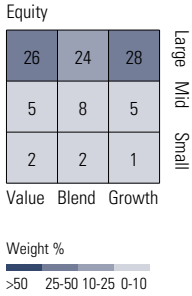
Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 06-30-2024

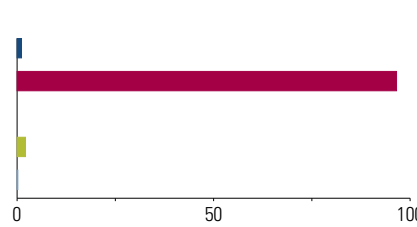
Morningstar Style Box™



Style Breakdown

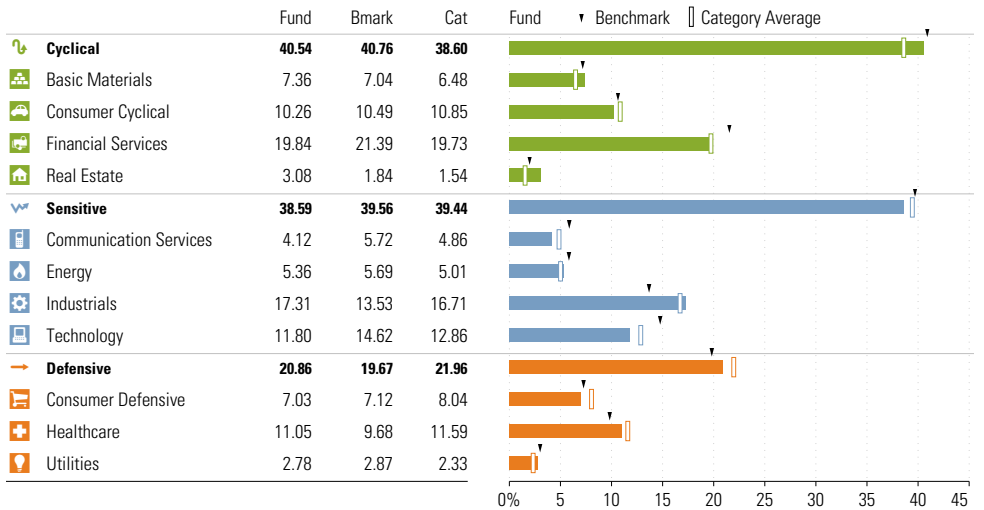


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	35.77	34.66	Americas	10.36	8.64	Greater Europe	53.86	56.68	Developed Markets	99.37
Japan	21.43	19.06	North America	10.34	7.55	United Kingdom	12.13	13.73	Emerging Markets	0.63
Australasia	6.89	4.65	Central/Latin	0.02	1.09	W euro-ex UK	40.77	42.09	Not Available	0.00
Asia-4 Tigers	7.26	6.40				Emrgng Europe	0.40	0.10		
Asia-ex 4 Tigers	0.19	4.55				Africa	0.56	0.76		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Novo Nordisk A/S Class B	1.91	1.91	44.77	Healthcare
⊕ ASML Holding NV	1.75	3.66	35.90	Technology
⊕ Slcmt1142	1.46	5.12	-	-
⊕ Samsung Electronics Co Ltd	1.22	6.34	-	Technology
⊖ Nestle SA	1.17	7.50	-	Consumer Defensive
⊖ Toyota Motor Corp	1.06	8.56	28.85	Consumer Cyclical
⊕ AstraZeneca PLC	1.02	9.58	21.15	Healthcare
⊖ Shell PLC	1.00	10.58	12.54	Energy
⊕ SAP SE	0.96	11.54	35.88	Technology
⊖ Novartis AG Registered Shares	0.95	12.49	17.52	Healthcare

Total Holdings 3989

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard International Growth Adm VWILX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.52 years.

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

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

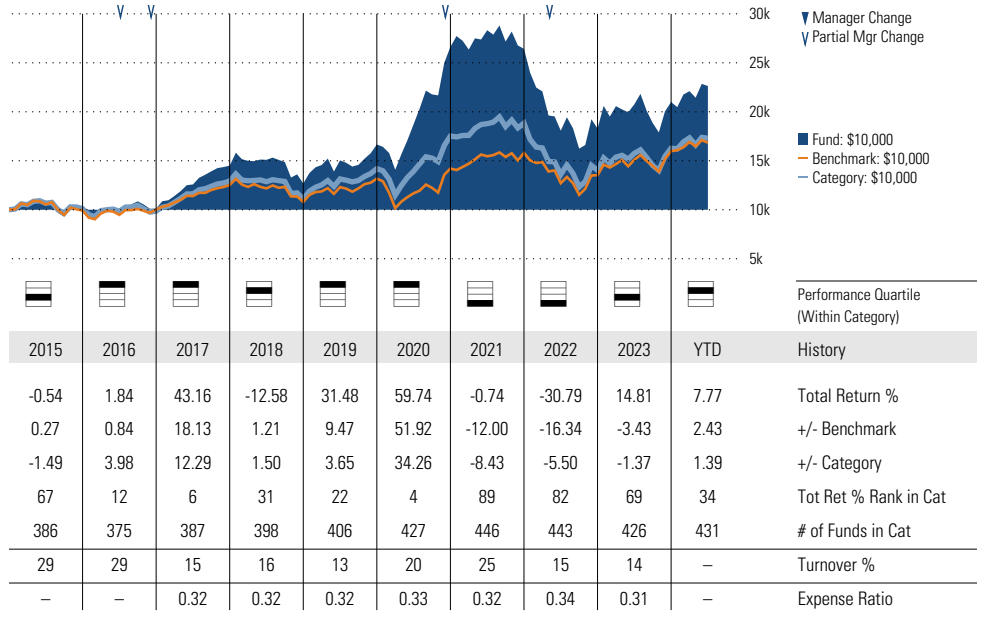
Morningstar Investment Management LLC Analysis

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

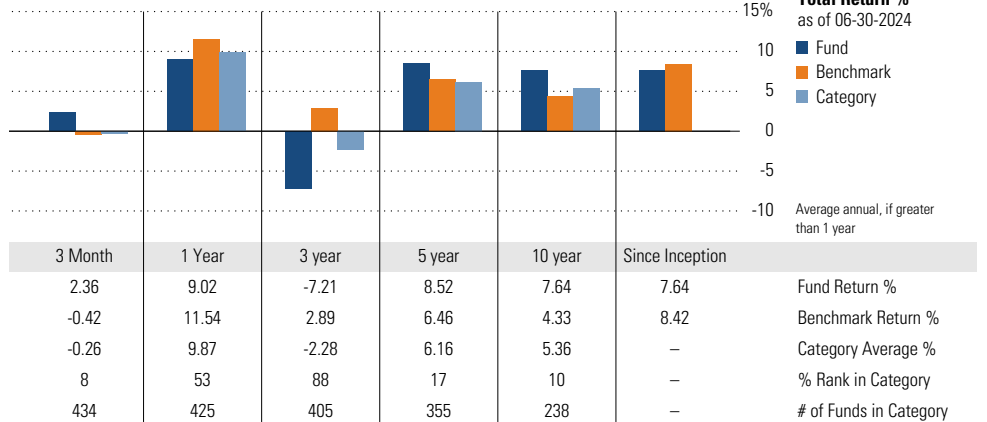
ESG Metrics

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

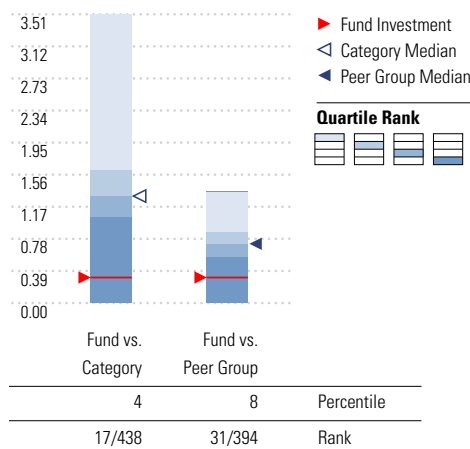
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

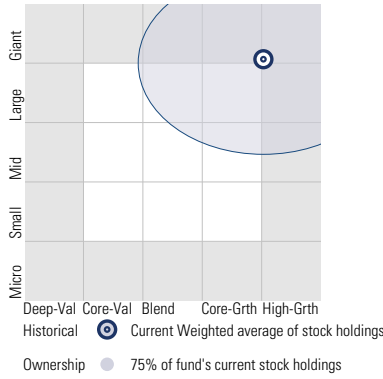
Vanguard International Growth Adm VWILX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 06-30-2024

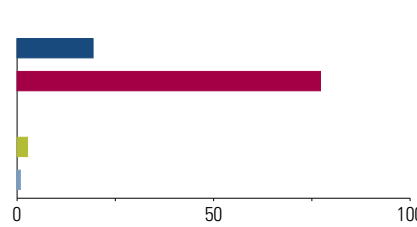
Morningstar Style Box™



Style Breakdown

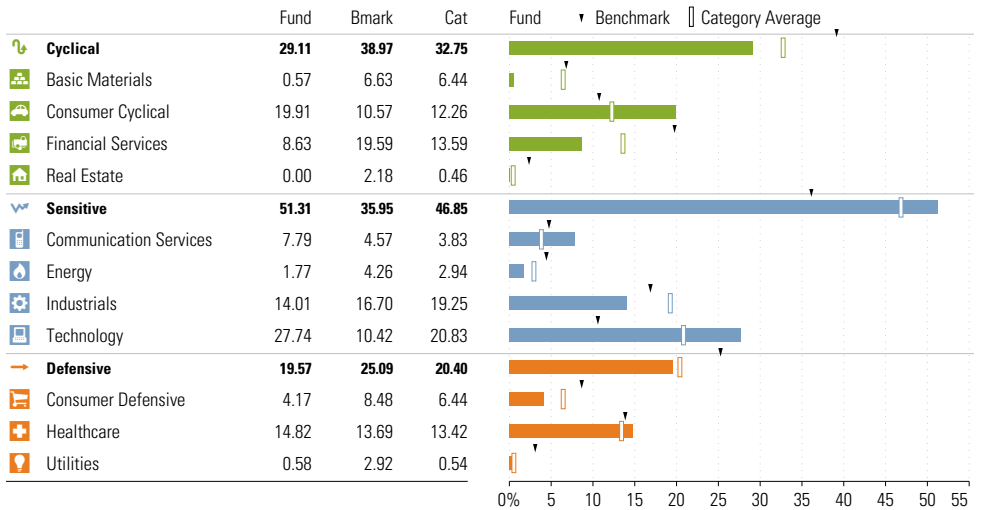


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	24.86	26.50	Americas	27.53	16.35	Greater Europe	47.60	57.15	Developed Markets	83.80
Japan	6.55	13.02	North America	20.81	13.74	United Kingdom	7.19	11.91	Emerging Markets	16.20
Australasia	1.27	1.56	Central/Latin	6.72	2.61	W euro-ex UK	40.02	44.73	Not Available	0.00
Asia-4 Tigers	7.56	5.82				Emrgng Europe	0.00	0.03		
Asia-ex 4 Tigers	9.48	6.10				Africa	0.39	0.48		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ASML Holding NV	4.92	4.92	-	Technology
MercadoLibre Inc	4.46	9.38	-	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd	4.31	13.69	-	Technology
Adyen NV	3.85	17.55	-	Technology
Spotify Technology SA	3.81	21.36	-	Communication Svc
NVIDIA Corp	3.26	24.62	-	Technology
Ferrari NV	2.33	26.94	-	Consumer Cyclical
Tencent Holdings Ltd	2.31	29.25	-	Communication Svc
Atlas Copco AB Class A	2.29	31.54	-	Industrials
Moderna Inc	2.18	33.72	-	Healthcare

Total Holdings 168

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.1 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 9.09% of the time over the past three years.

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

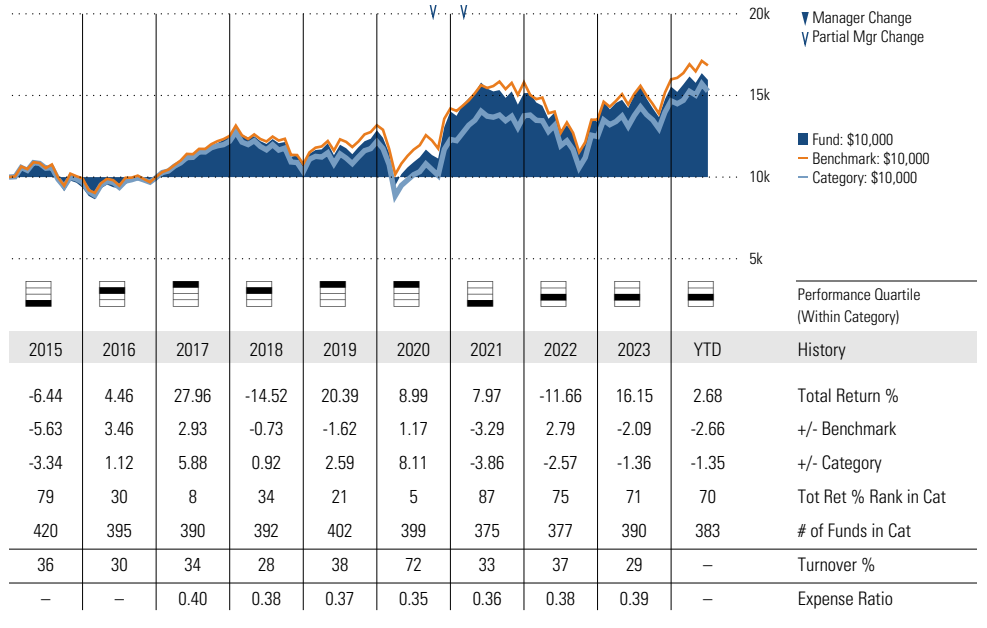
Morningstar Investment Management LLC Analysis

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

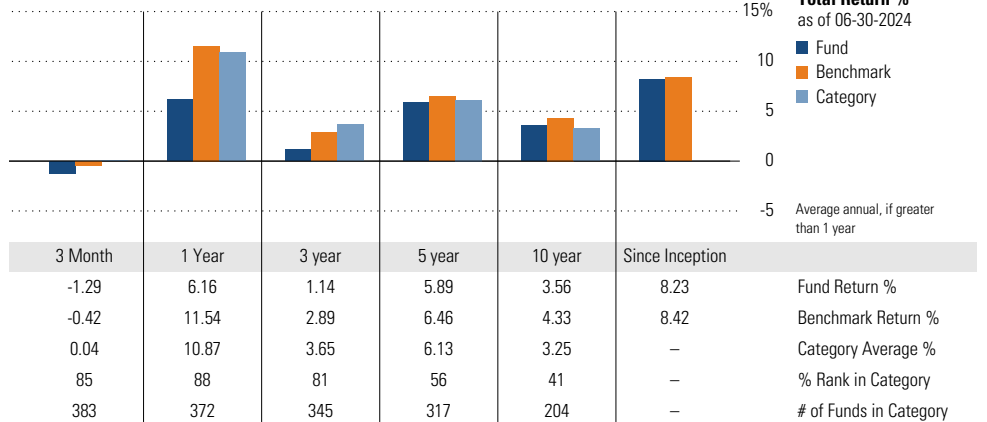
ESG Metrics

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

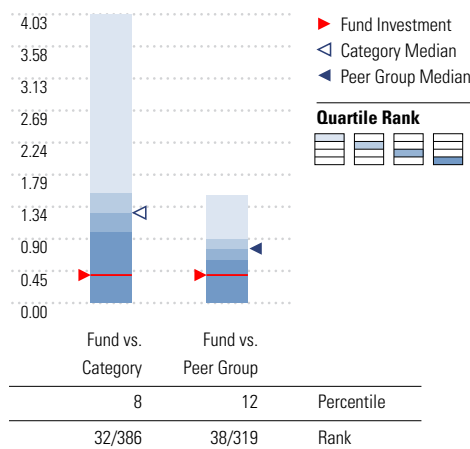
Growth of \$10,000



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	-1.56	-	1.13
Beta	0.97	-	0.95
R-Squared	91.22	-	87.73
Standard Deviation	17.24	16.94	17.27
Sharpe Ratio	-0.05	0.05	0.11
Tracking Error	5.13	-	6.16
Information Ratio	-0.34	-	0.16
Up Capture Ratio	90.19	-	94.67
Down Capture Ratio	96.80	-	90.40

Portfolio Metrics

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

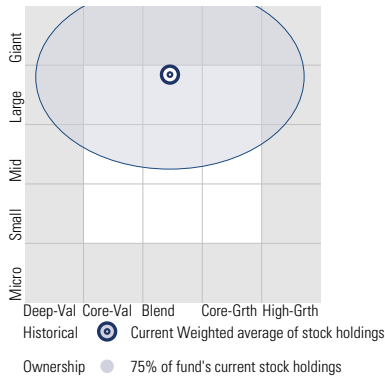
Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 06-30-2024

Morningstar Style Box™

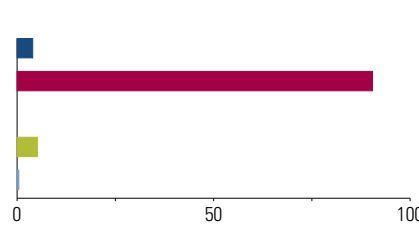


Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
24	24	29	
4	13	4	
1	2	0	

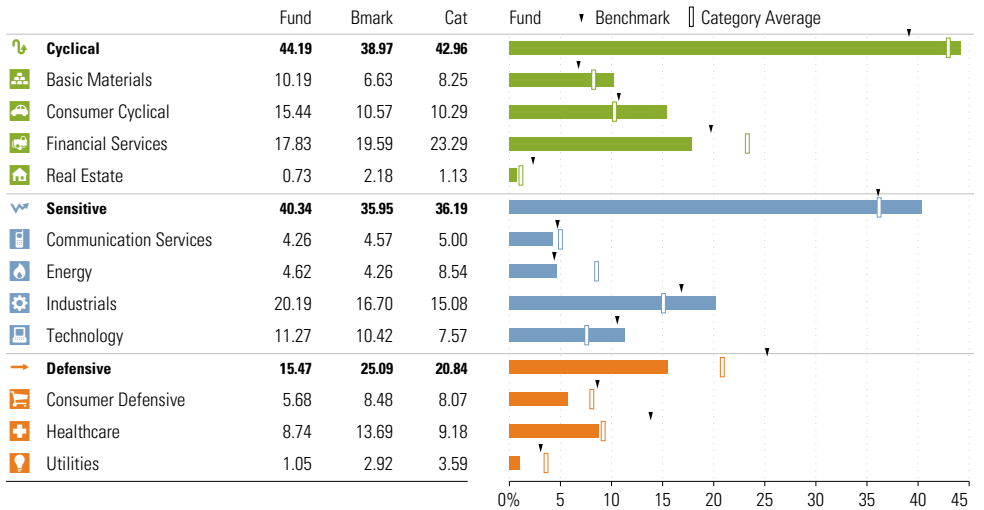


Asset Allocation as of 06-30-2024

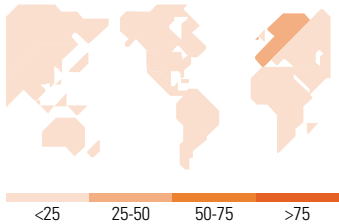


Asset Class	Net %	Cat%
US Stocks	3.97	2.61
Non-US Stocks	90.44	95.37
Bonds	0.00	0.13
Cash	5.16	1.68
Other	0.44	0.21
Total	100.00	100.00

Sector Weighting as of 06-30-2024



World Regions % Equity 06-30-2024



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	36.65	29.51	Americas	12.10	8.17	Greater Europe	51.25	62.29	Developed Markets	81.96
Japan	12.38	16.78	North America	6.95	7.19	United Kingdom	16.09	18.50	Emerging Markets	18.04
Australasia	1.02	3.09	Central/Latin	5.15	0.98	W euro-ex UK	34.86	43.00	Not Available	0.00
Asia-4 Tigers	10.66	6.91				Emrgng Europe	0.00	0.16		
Asia-ex 4 Tigers	12.59	2.73				Africa	0.30	0.63		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	3.85	3.85	-	-
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.98	5.82	-	Technology
⊖ Ryanair Holdings PLC ADR	1.83	7.66	-	Industrials
⊕ Tencent Holdings Ltd	1.77	9.43	-	Communication Svc
⊖ Airbus SE	1.45	10.88	-	Industrials
⊕ Roche Holding AG	1.32	12.20	-	Healthcare
⊖ Alibaba Group Holding Ltd Ordinary Shares	1.32	13.51	-	Consumer Cyclical
⊖ BP PLC	1.25	14.77	-	Energy
⊖ RELX PLC	1.13	15.90	-	Industrials
⊖ SAP SE	1.08	16.98	-	Technology

Total Holdings 262

⊕ 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 93.4% lower than the Mid-Cap Growth category average.

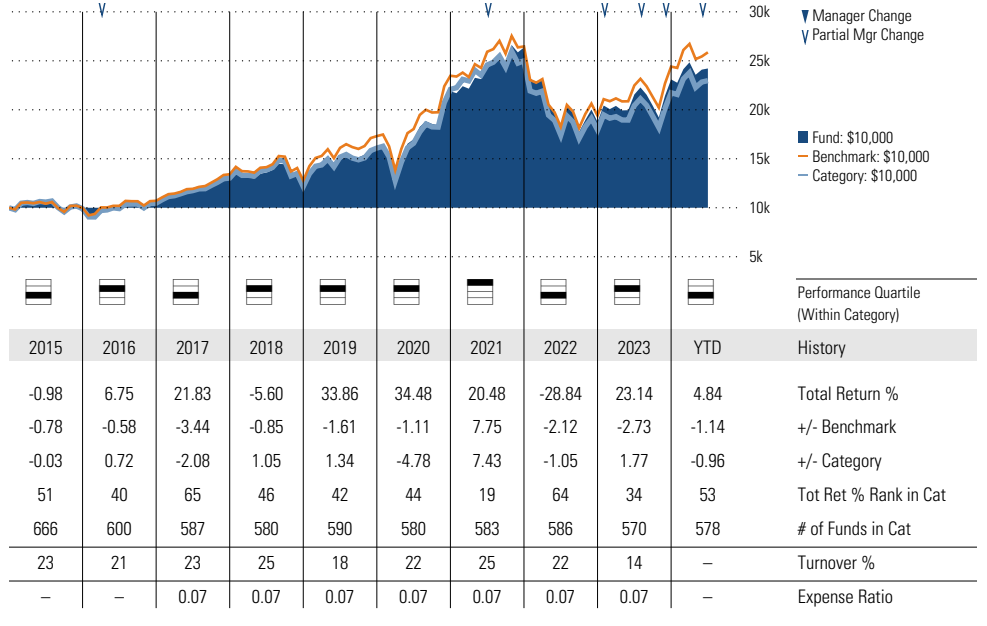
Morningstar Investment Management LLC Analysis

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

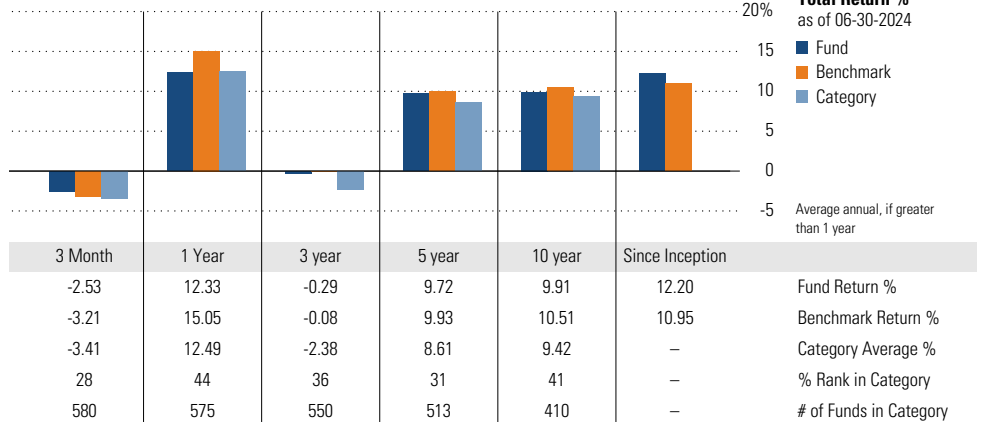
ESG Metrics

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

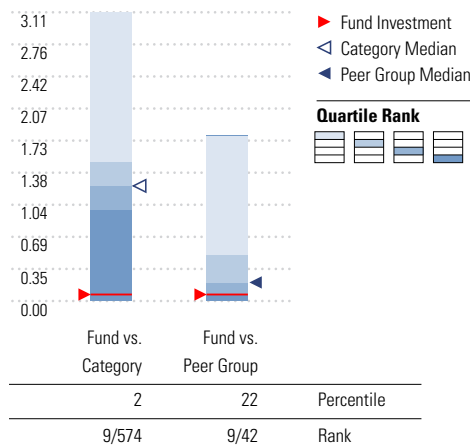
Growth of \$10,000



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

Portfolio Metrics

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

Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

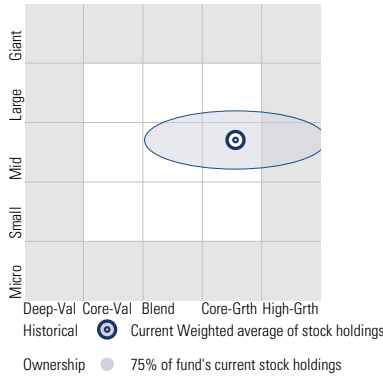
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 06-30-2024

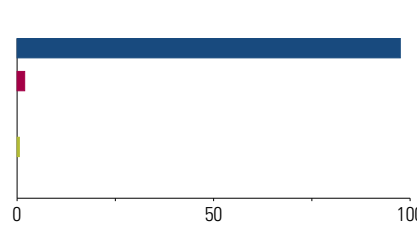
Morningstar Style Box™



Style Breakdown

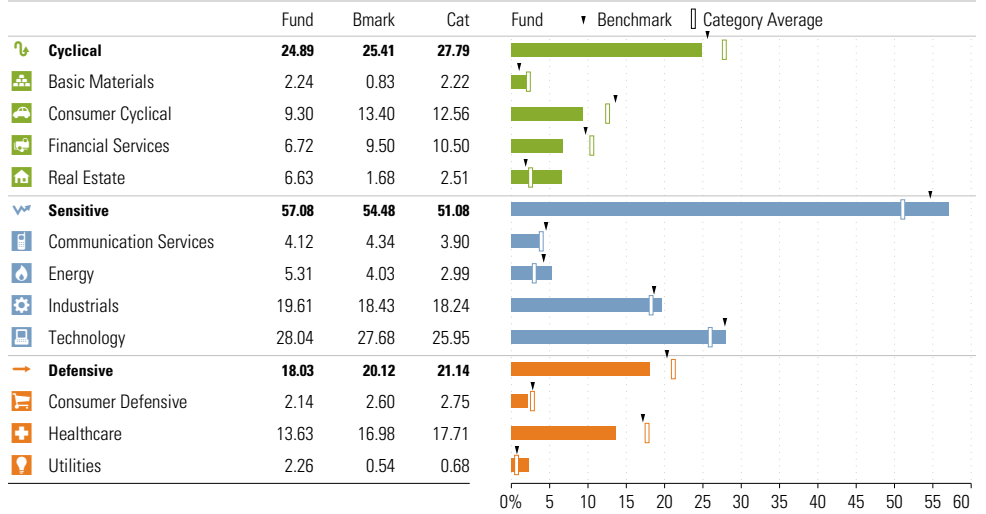


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



Top 15 Holdings as of 06-30-2024

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

Total Holdings 154

⊕ 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 92.63% lower than the Mid-Cap Value category average.

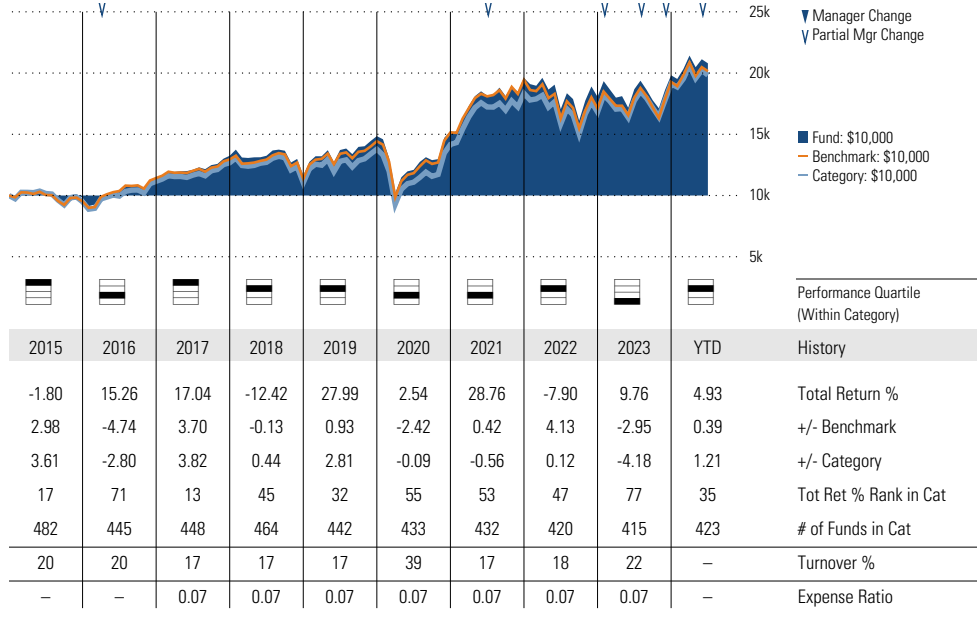
Morningstar Investment Management LLC Analysis

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

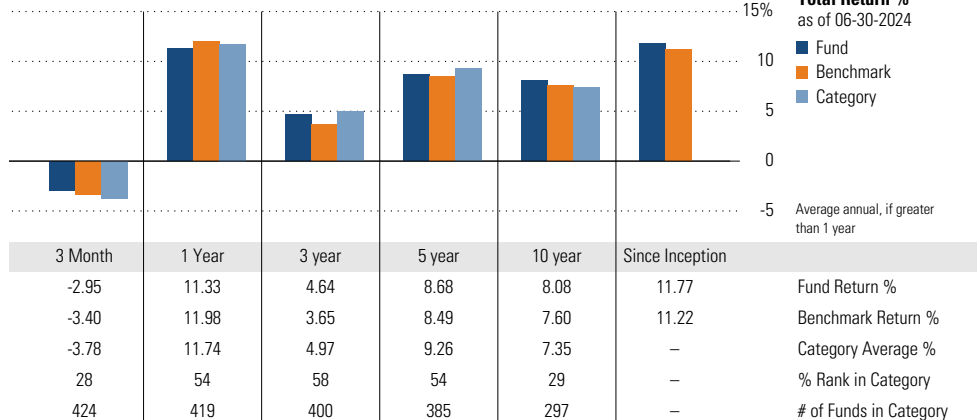
ESG Metrics

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

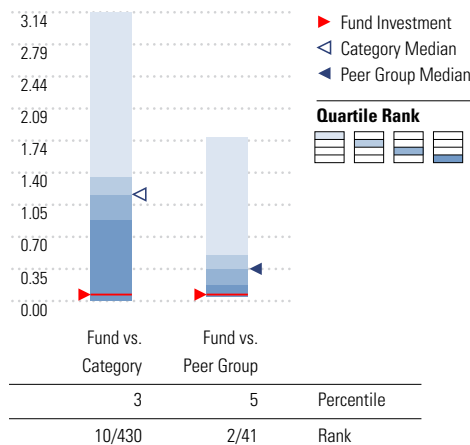
Growth of \$10,000



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	1.08	-	1.43
Beta	0.94	-	0.94
R-Squared	98.63	-	94.50
Standard Deviation	18.56	19.56	18.98
Sharpe Ratio	0.15	0.11	0.17
Tracking Error	2.45	-	4.66
Information Ratio	0.40	-	0.29
Up Capture Ratio	96.55	-	95.14
Down Capture Ratio	92.87	-	90.33

Portfolio Metrics

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

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

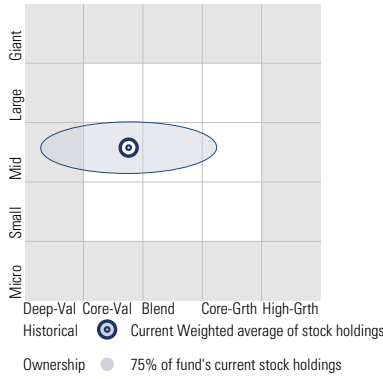
Mid-Cap Value

Morningstar Index

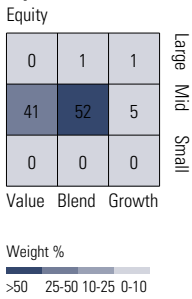
Russell Mid Cap Value TR USD

Style Analysis as of 06-30-2024

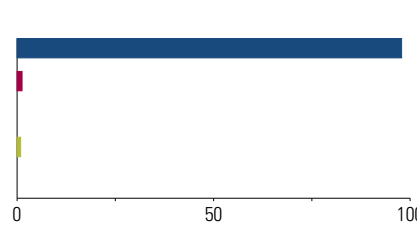
Morningstar Style Box™



Style Breakdown

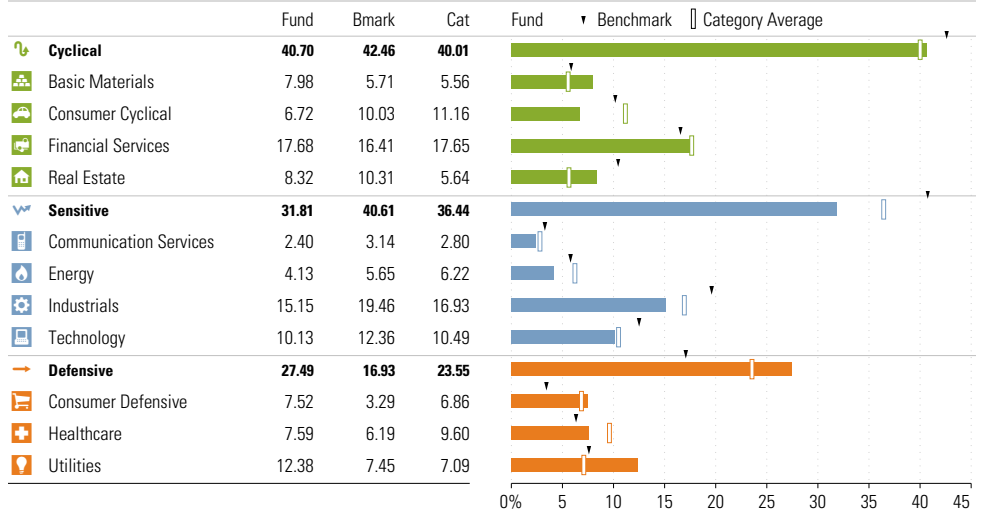


Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	97.84	90.53
Non-US Stocks	1.26	7.09
Bonds	0.00	0.03
Cash	0.90	2.21
Other	0.00	0.15
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Top 15 Holdings as of 06-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Arthur J. Gallagher & Co	1.38	1.38	15.84	Financial Services
⊖ Carrier Global Corp Ordinary Shares	1.32	2.70	10.46	Industrials
⊖ PACCAR Inc	1.31	4.01	6.00	Industrials
⊖ Digital Realty Trust Inc	1.20	5.21	14.79	Real Estate
⊖ Newmont Corp	1.18	6.38	2.37	Basic Materials
⊖ ONEOK Inc	1.16	7.54	18.95	Energy
⊖ PG&E Corp	1.11	8.65	-3.05	Utilities
⊖ United Rentals Inc	1.05	9.70	13.35	Industrials
⊖ L3Harris Technologies Inc	1.04	10.74	7.73	Industrials
⊖ Ameriprise Financial Inc	1.03	11.78	13.21	Financial Services
⊖ Allstate Corp	1.03	12.80	15.37	Financial Services
⊖ Prudential Financial Inc	1.02	13.83	15.50	Financial Services
⊖ Fidelity National Information Services Inc	1.02	14.85	26.65	Technology
⊖ D.R. Horton Inc	1.02	15.87	-6.88	Consumer Cyclical
⊖ Ferguson PLC	0.95	16.82	1.12	Industrials

Total Holdings 194

⊕ 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 28.15 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 91.67 % of the time over the past three years.

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

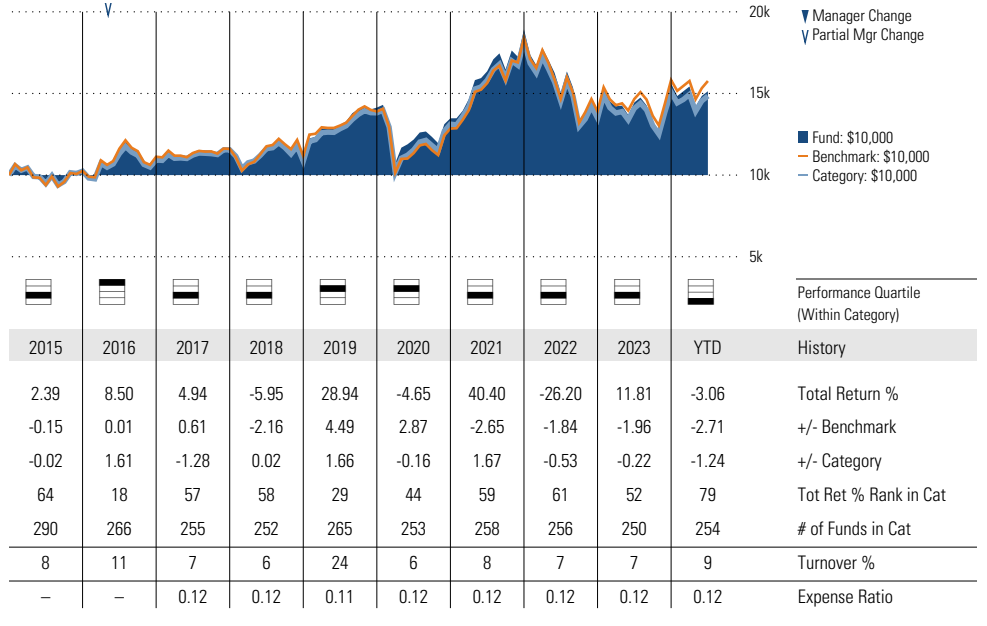
Morningstar Investment Management LLC Analysis

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

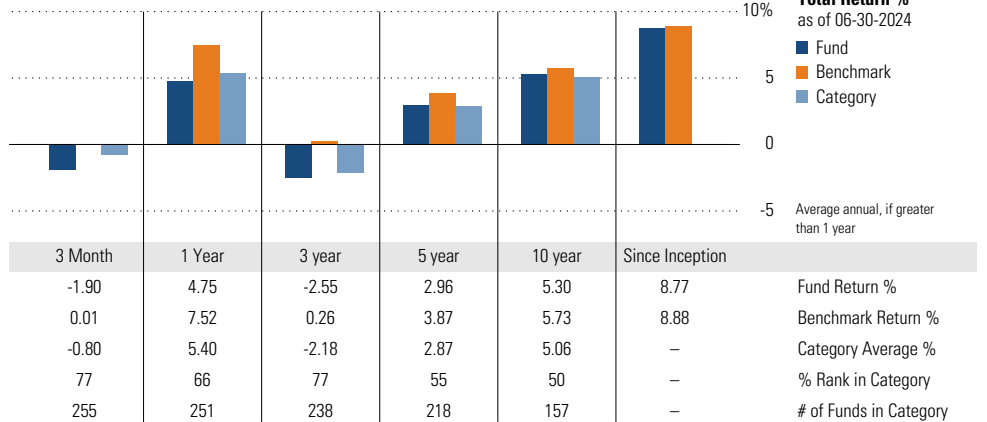
ESG Metrics

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

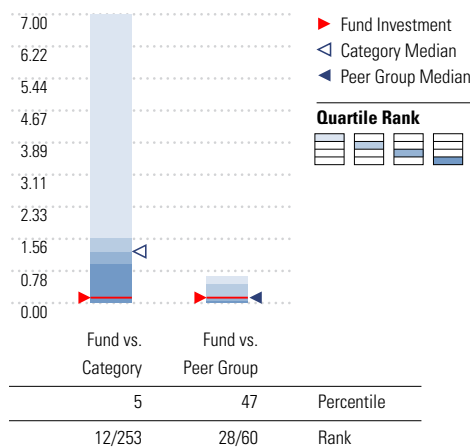
Growth of \$10,000



Trailing Performance



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	-2.77	-	-2.12
Beta	1.02	-	0.97
R-Squared	98.73	-	94.73
Standard Deviation	21.93	21.28	21.19
Sharpe Ratio	-0.17	-0.04	-0.15
Tracking Error	2.52	-	4.07
Information Ratio	-1.12	-	-0.62
Up Capture Ratio	97.66	-	93.36
Down Capture Ratio	106.42	-	100.25

Portfolio Metrics

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

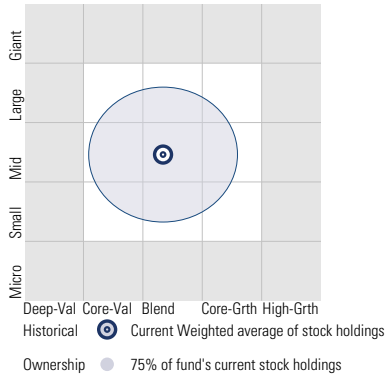
Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

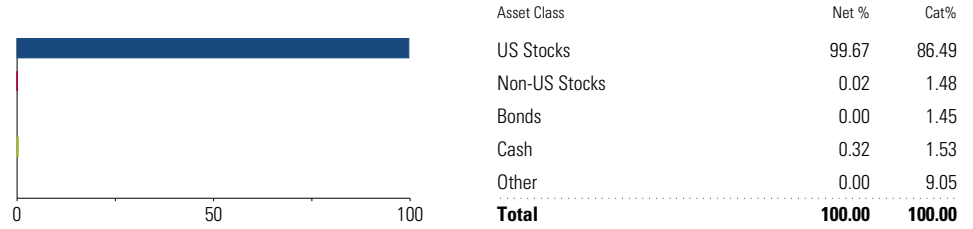
Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 06-30-2024

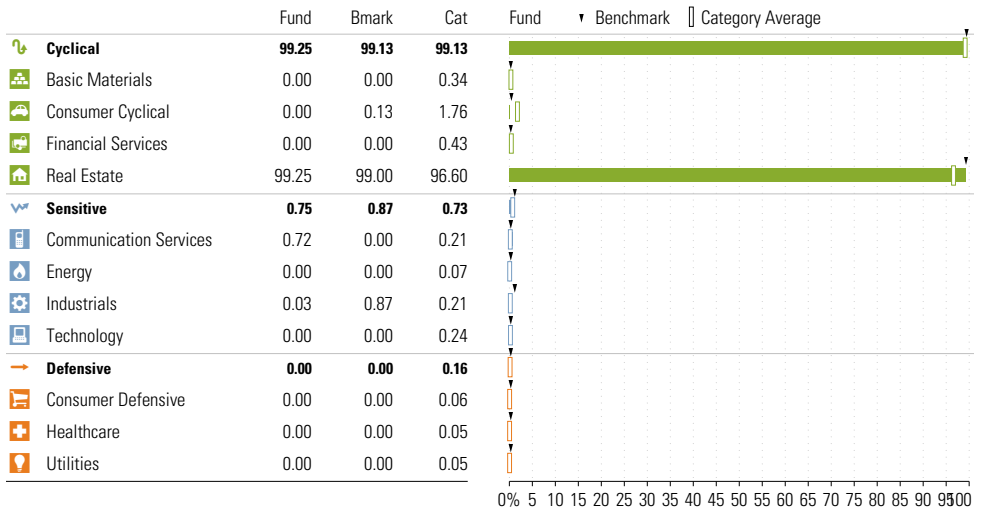
Morningstar Style Box™



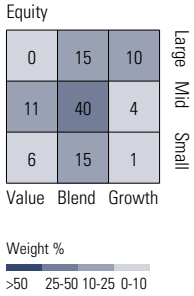
Asset Allocation as of 06-30-2024



Sector Weighting as of 06-30-2024



Style Breakdown



Top 15 Holdings as of 06-30-2024

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

Total Holdings 158

⊕ 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 11.36 years.

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

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

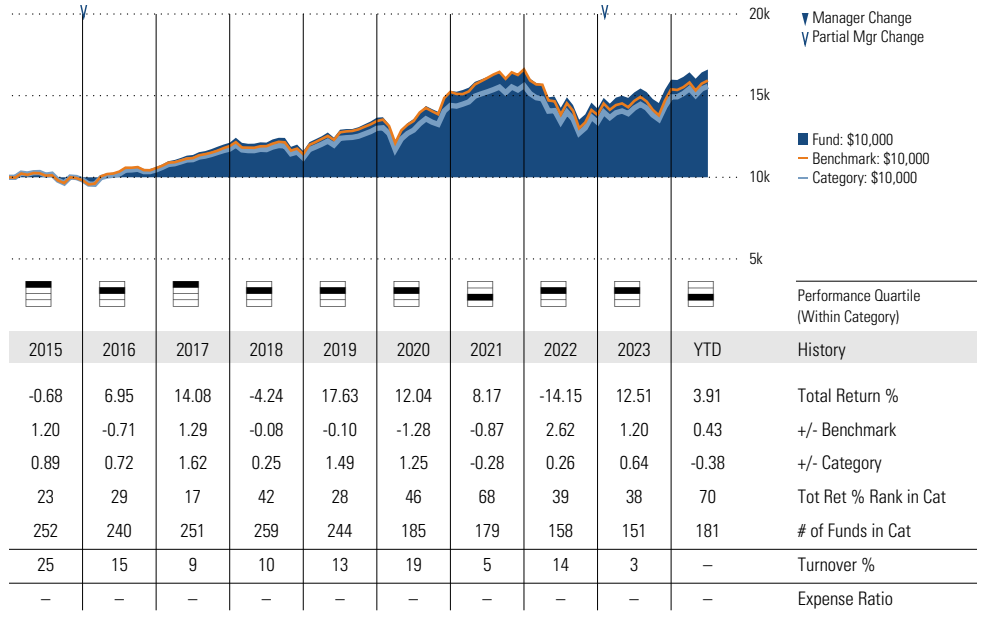
Morningstar Investment Management LLC Analysis

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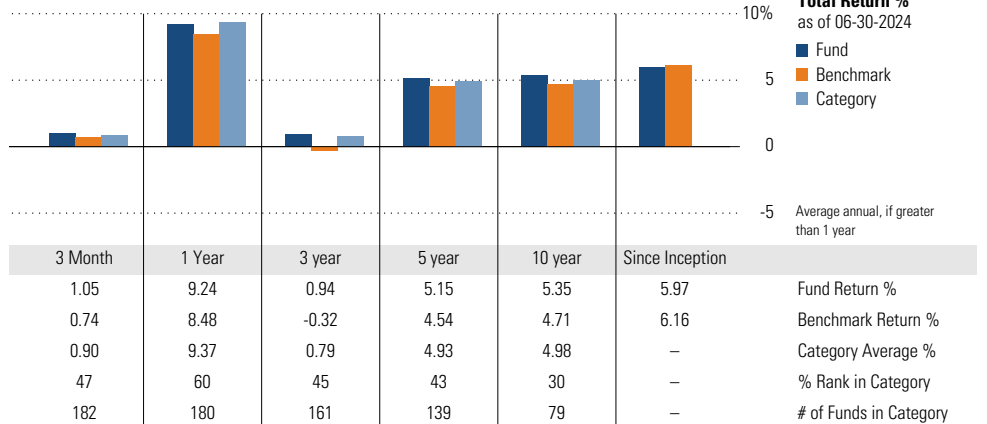
ESG Metrics

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

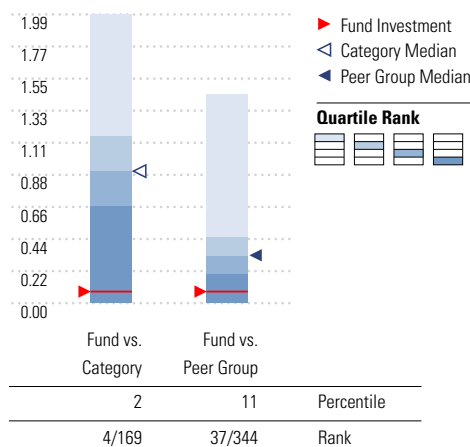
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

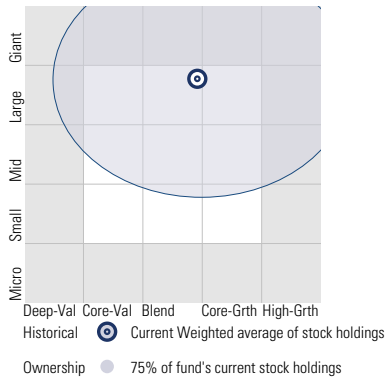
	Fund	Bmark	Cat
Price/Earnings Ratio	19.94	20.96	20.92
Price/Book Ratio	2.56	2.74	2.78
Avg Eff Duration	5.62	-	5.20

Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

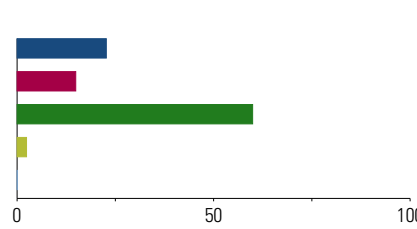
Style Analysis as of 06-30-2024
Morningstar Style Box™



Style Breakdown

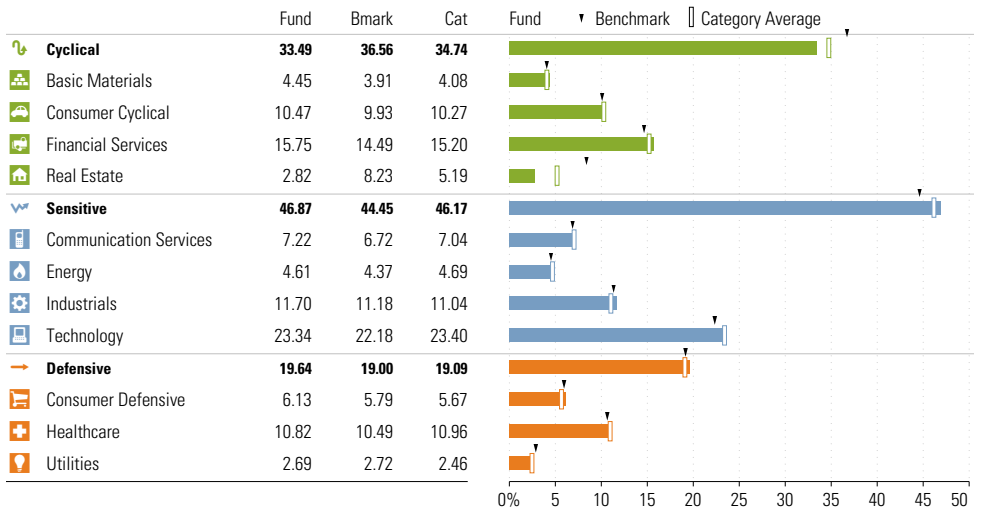


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



Top 7 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	33.85	33.85	—	—
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	22.77	56.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	15.28	71.90	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	14.62	86.52	—	—
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	12.60	99.13	—	—
⊕ Mktliq 12/31/2049	—	0.85	99.98	—	—
⊕ Us Dollar	—	0.02	100.00	—	—

Total Holdings 7

⊕ 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
Aur lie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Diaz since 02-2023

Quantitative Screens

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

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

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 2025 category average.

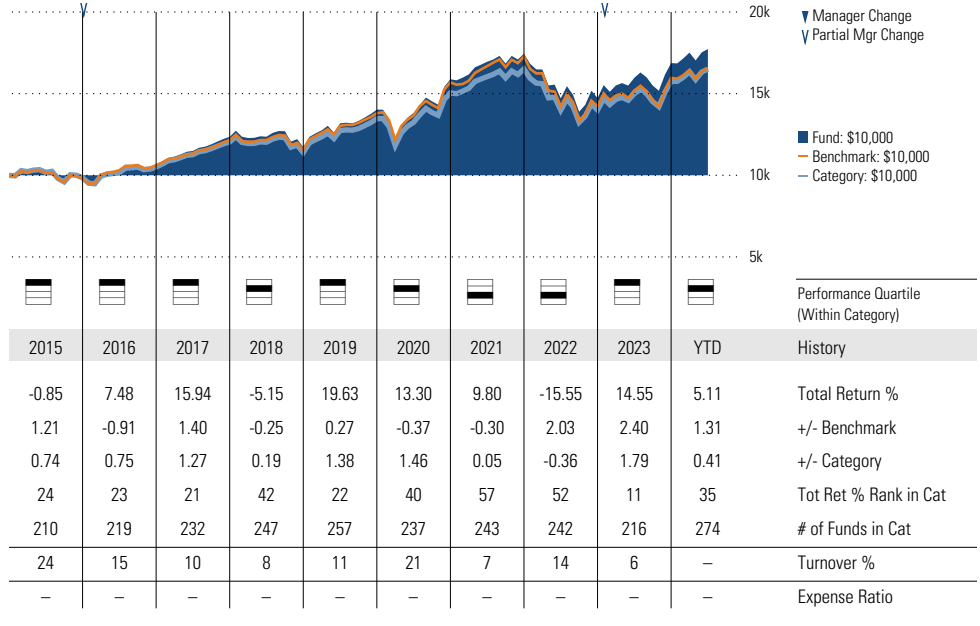
Morningstar Investment Management LLC Analysis

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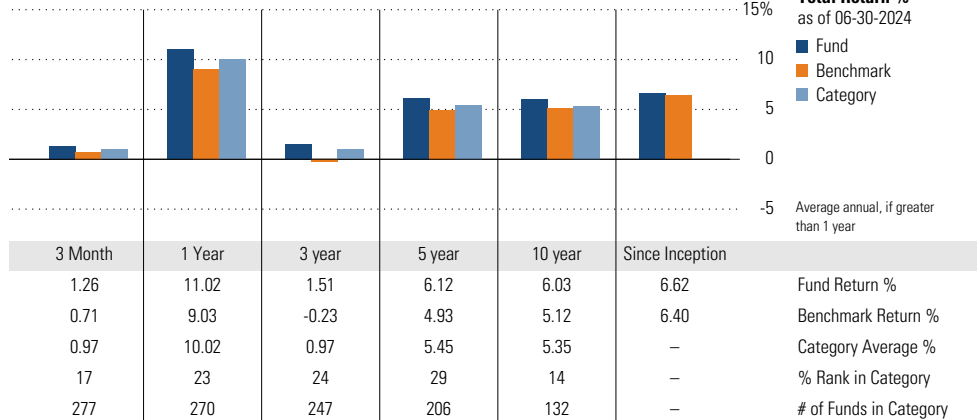
ESG Metrics

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

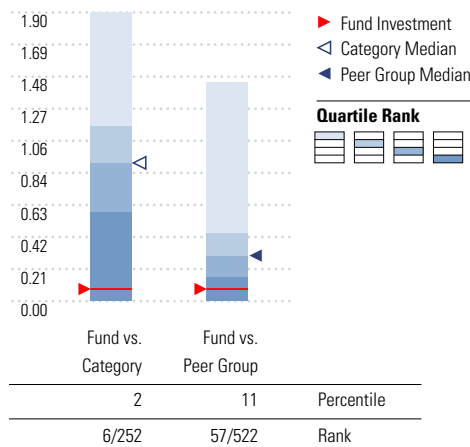
Growth of \$10,000



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	1.67	-	1.11
Beta	0.92	-	0.87
R-Squared	98.93	-	98.16
Standard Deviation	11.79	12.71	11.18
Sharpe Ratio	-0.10	-0.22	-0.16
Tracking Error	1.57	-	2.24
Information Ratio	1.11	-	0.60
Up Capture Ratio	98.06	-	90.73
Down Capture Ratio	88.74	-	84.50

Portfolio Metrics

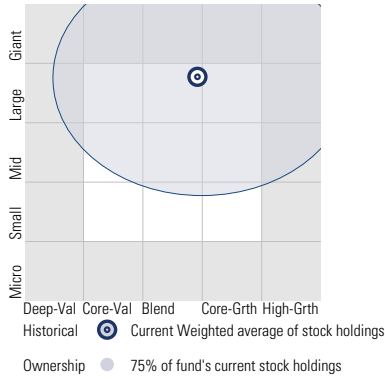
	Fund	Bmark	Cat
Price/Earnings Ratio	19.98	20.78	21.17
Price/Book Ratio	2.57	2.70	2.81
Avg Eff Duration	5.92	-	5.65

Vanguard Target Retirement 2025 Fund VTTVX

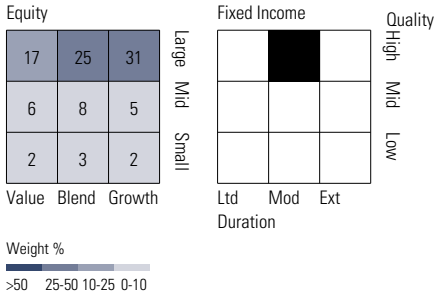
Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

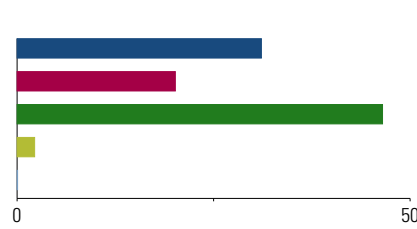
Style Analysis as of 06-30-2024
Morningstar Style Box™



Style Breakdown

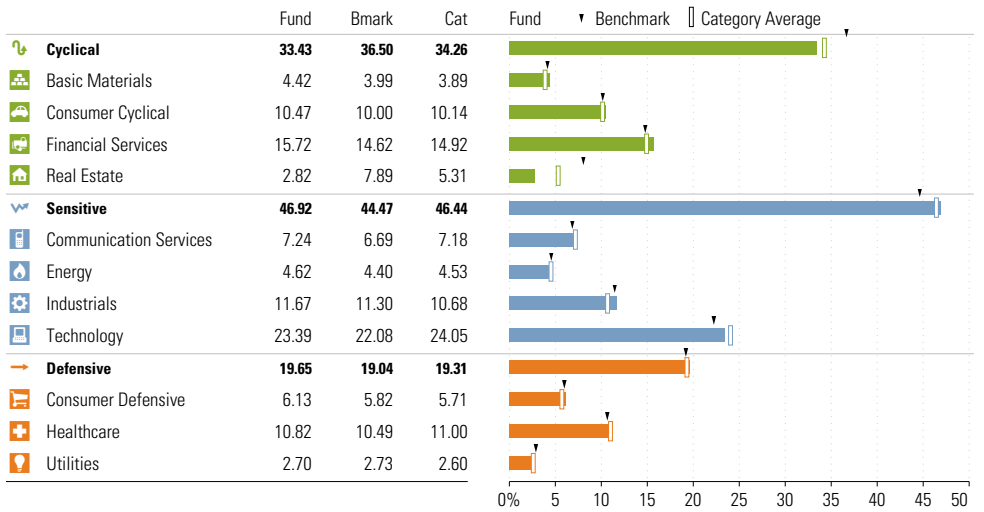


Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	31.08	28.28
Non-US Stocks	20.13	13.25
Bonds	46.49	43.66
Cash	2.23	2.37
Other	0.06	12.44
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Top 7 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	31.18	31.18	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	28.71	59.89	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	20.62	80.51	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	12.33	92.84	—	—
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	6.20	99.04	—	—
⊕ Mktliq 12/31/2049	—	0.93	99.97	—	—
⊕ Us Dollar	—	0.03	100.00	—	—

Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2030 Fund VTHRX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

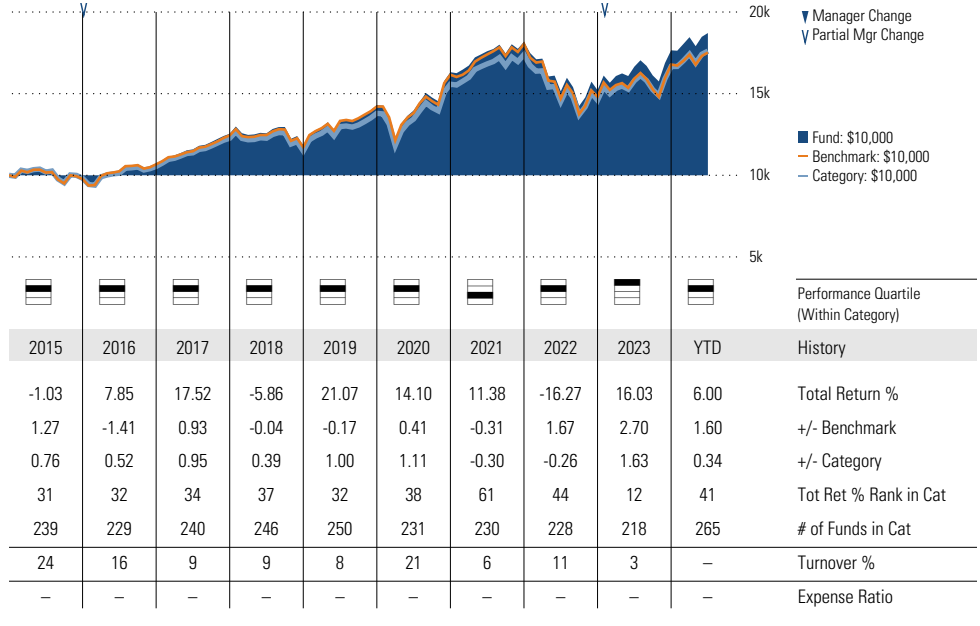
Morningstar Investment Management LLC Analysis

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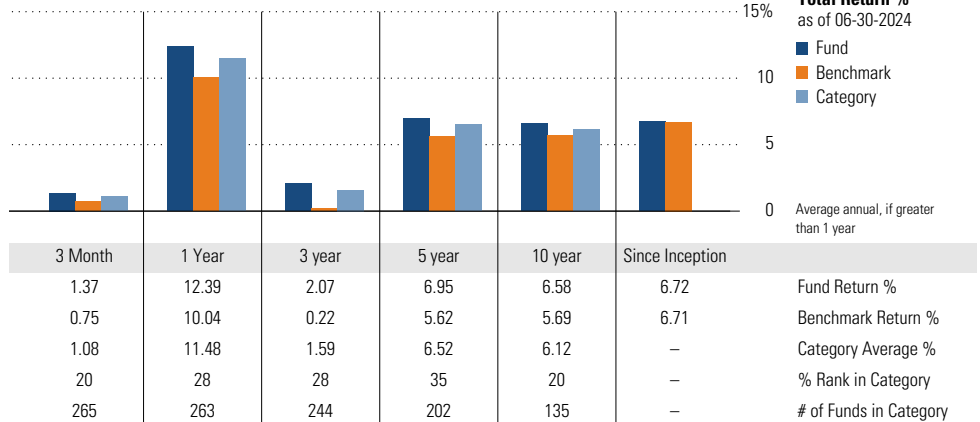
ESG Metrics

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

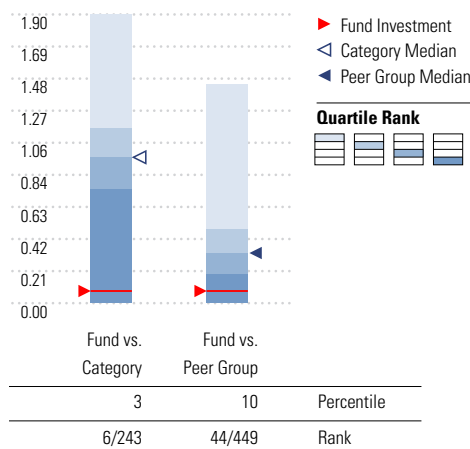
Growth of \$10,000



Trailing Performance



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

Portfolio Metrics

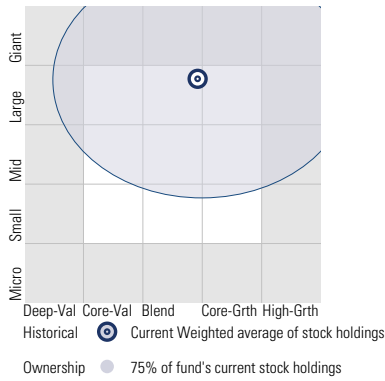
	Fund	Bmark	Cat
Price/Earnings Ratio	20.03	20.60	21.14
Price/Book Ratio	2.58	2.67	2.88
Avg Eff Duration	6.45	-	5.93

Vanguard Target Retirement 2030 Fund VTHR

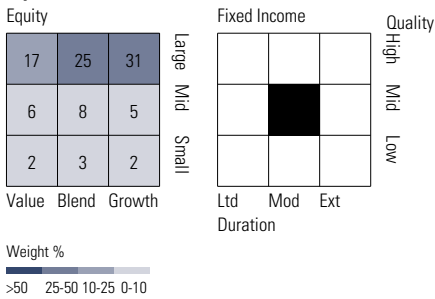
Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

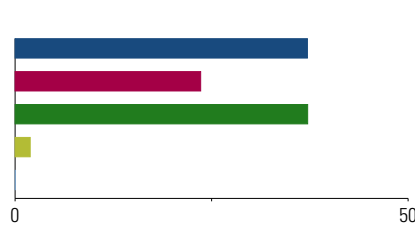
Style Analysis as of 06-30-2024
Morningstar Style Box™



Style Breakdown

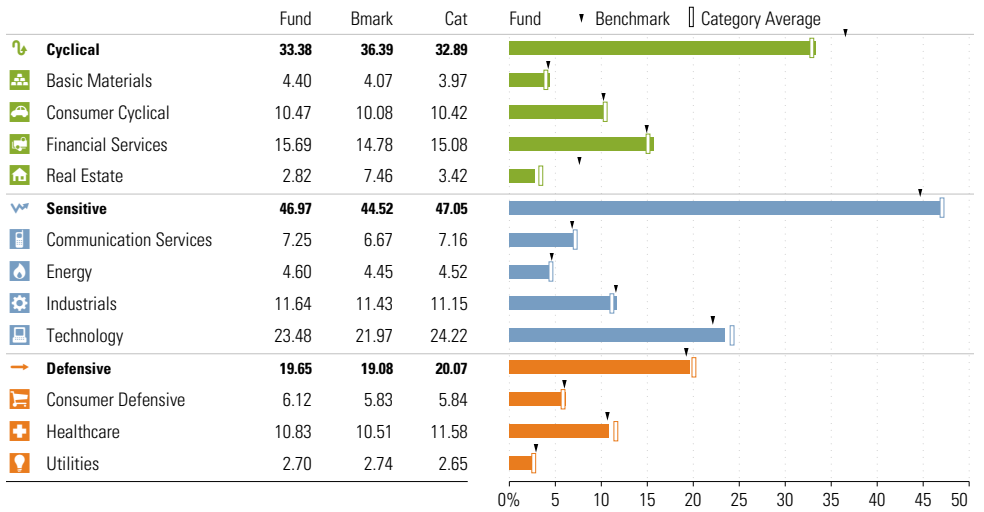


Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	37.19	35.09
Non-US Stocks	23.61	16.64
Bonds	37.22	31.96
Cash	1.92	1.74
Other	0.05	14.55
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	37.32	37.32	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	26.25	63.57	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	24.18	87.74	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	11.36	99.10	-	-
⊕ Mktliq 12/31/2049	-	0.89	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2035 Fund VTTX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

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

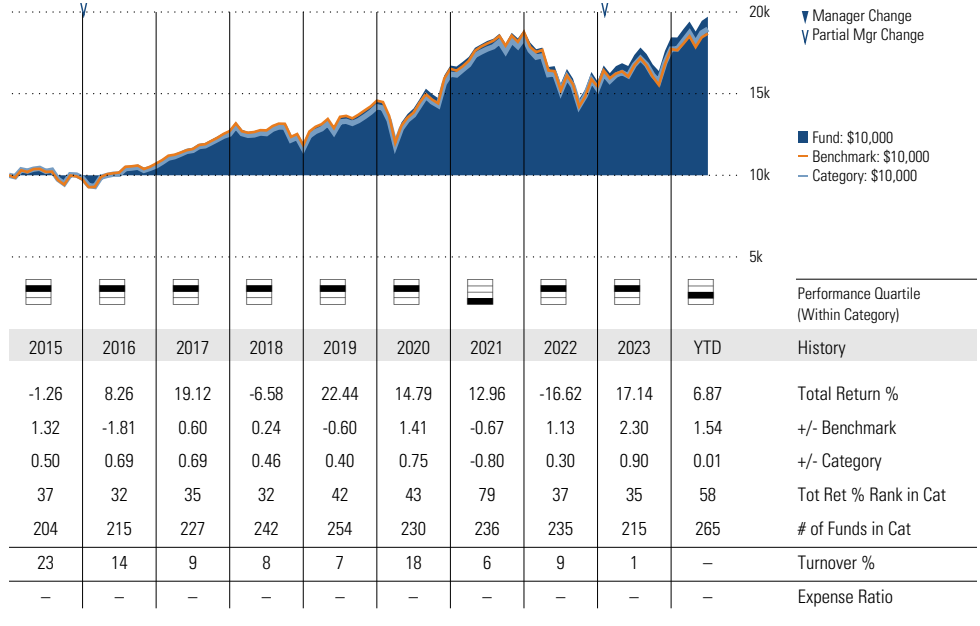
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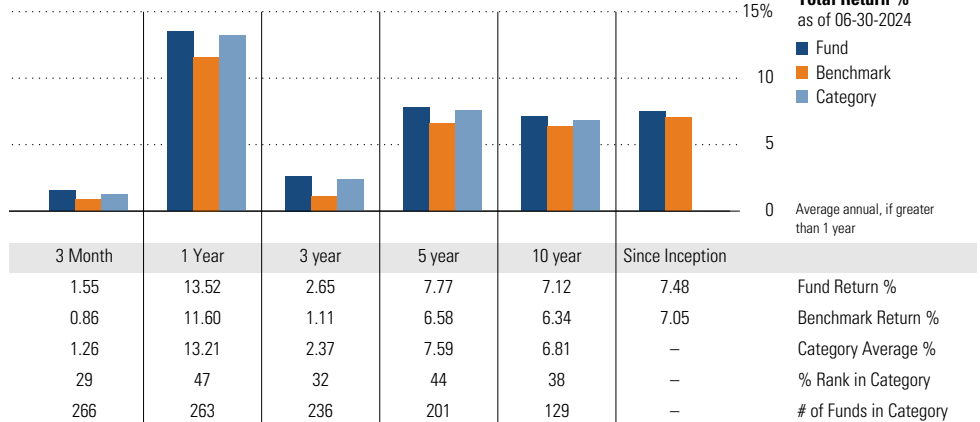
ESG Metrics

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

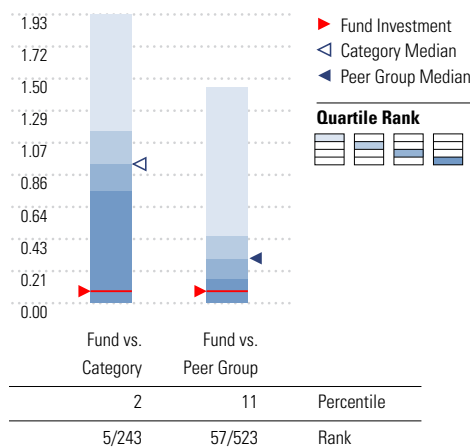
Growth of \$10,000



Trailing Performance



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	1.54	-	1.35
Beta	0.94	-	0.94
R-Squared	99.02	-	98.42
Standard Deviation	13.72	14.58	13.81
Sharpe Ratio	0.01	-0.09	0.00
Tracking Error	1.65	-	1.96
Information Ratio	0.94	-	0.71
Up Capture Ratio	98.05	-	98.00
Down Capture Ratio	90.73	-	91.58

Portfolio Metrics

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

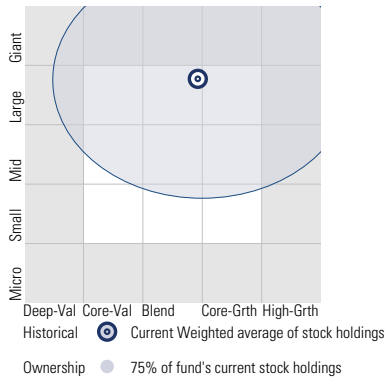
Vanguard Target Retirement 2035 Fund VTTHX

Morningstar Category
Target-Date 2035

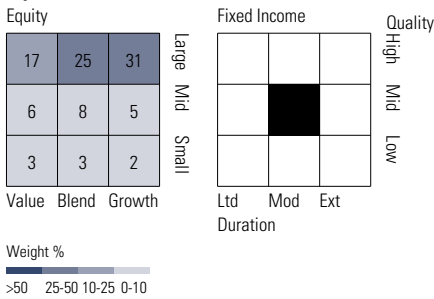
Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 06-30-2024

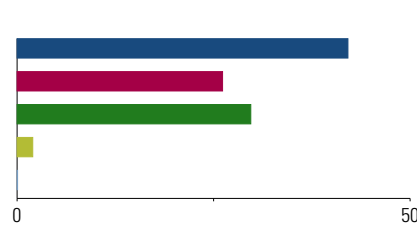
Morningstar Style Box™



Style Breakdown

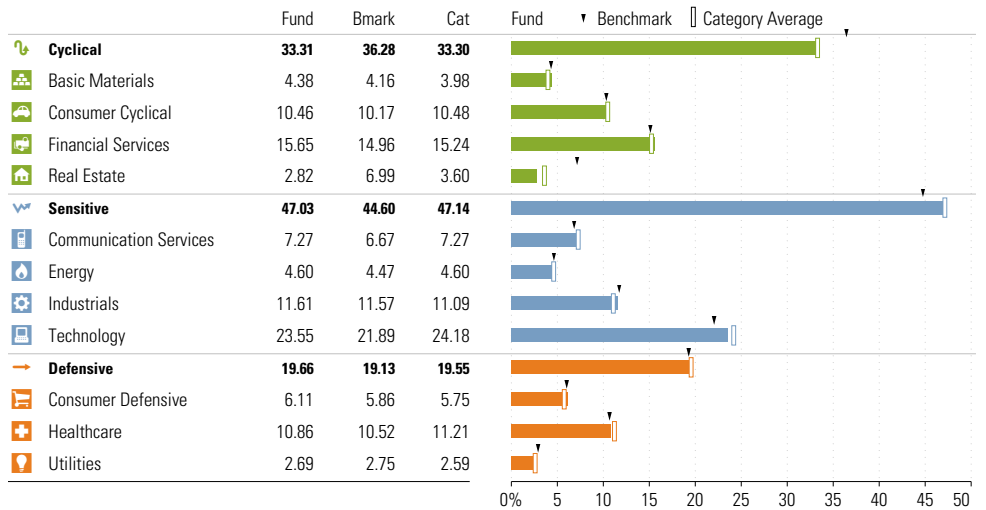


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	42.24	42.24	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	26.75	68.99	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	20.95	89.95	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	9.10	99.04	—	—
⊕ Mktliq 12/31/2049	—	0.95	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 11.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2040 category average.

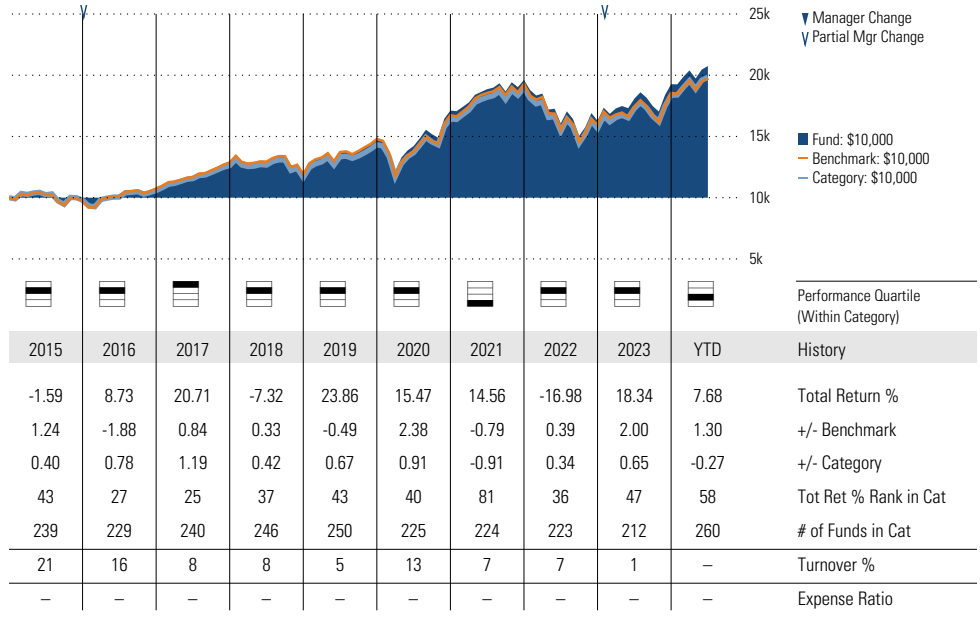
Morningstar Investment Management LLC Analysis

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

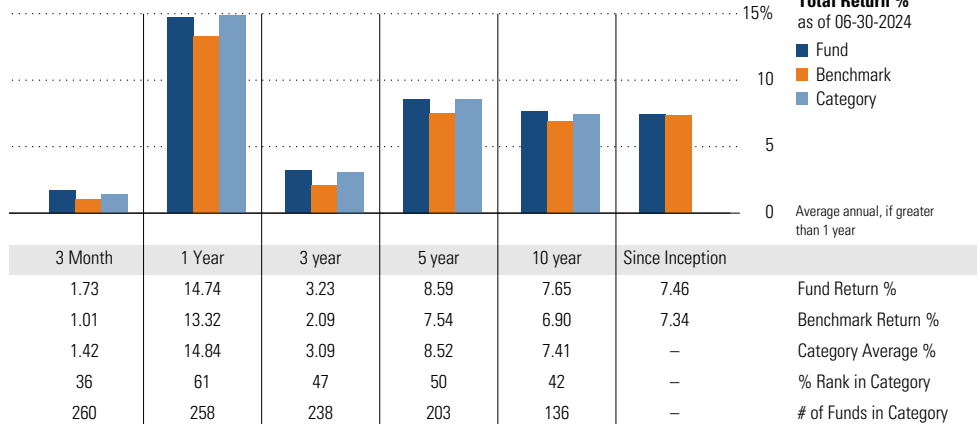
ESG Metrics

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

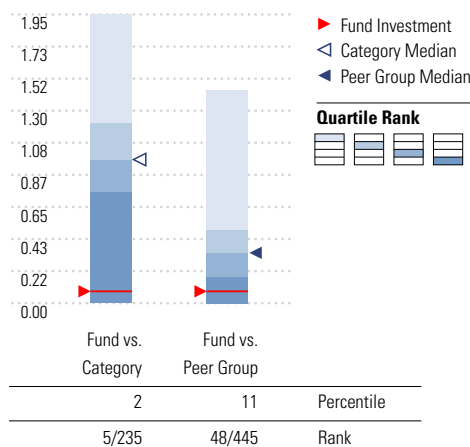
Growth of \$10,000



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

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

Portfolio Metrics

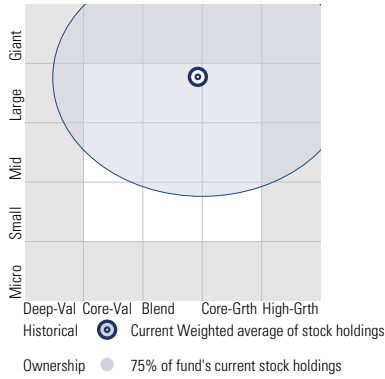
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.09	20.23	20.81
Price/Book Ratio	2.60	2.61	2.83
Avg Eff Duration	6.44	-	7.04

Vanguard Target Retirement 2040 Fund VFORX

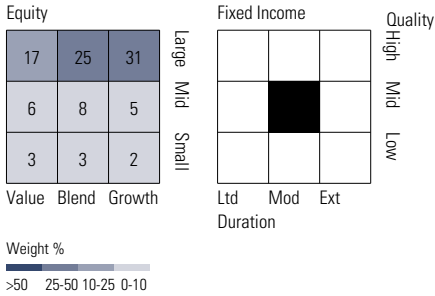
Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

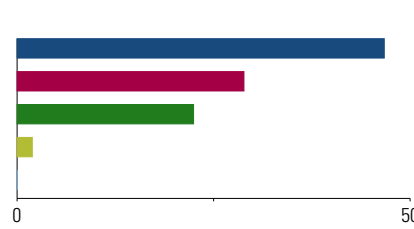
Style Analysis as of 06-30-2024
Morningstar Style Box™



Style Breakdown

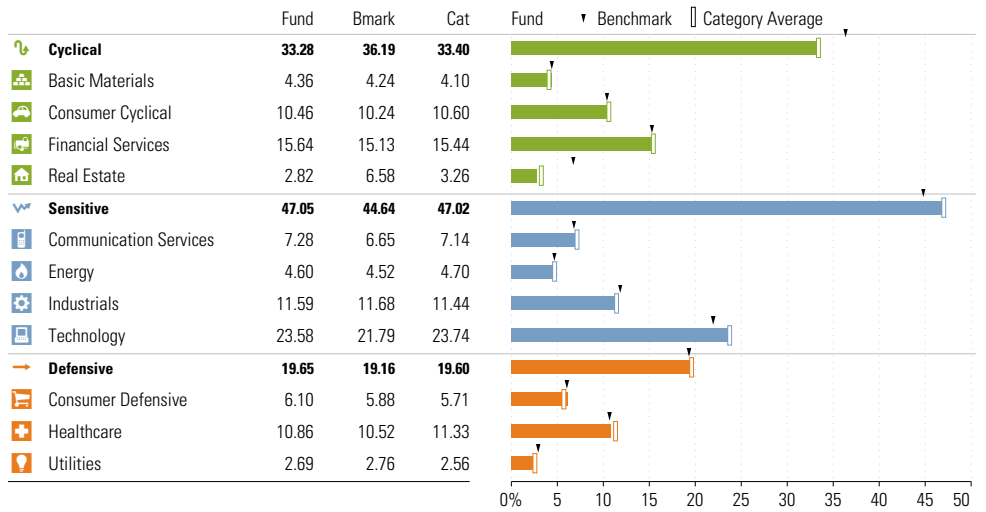


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	46.88	46.88	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	29.54	76.42	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	15.82	92.24	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	6.86	99.10	-	-
⊕ Mktliq 12/31/2049	-	0.89	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2045 Fund VTIVX

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 11.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2045 category average.

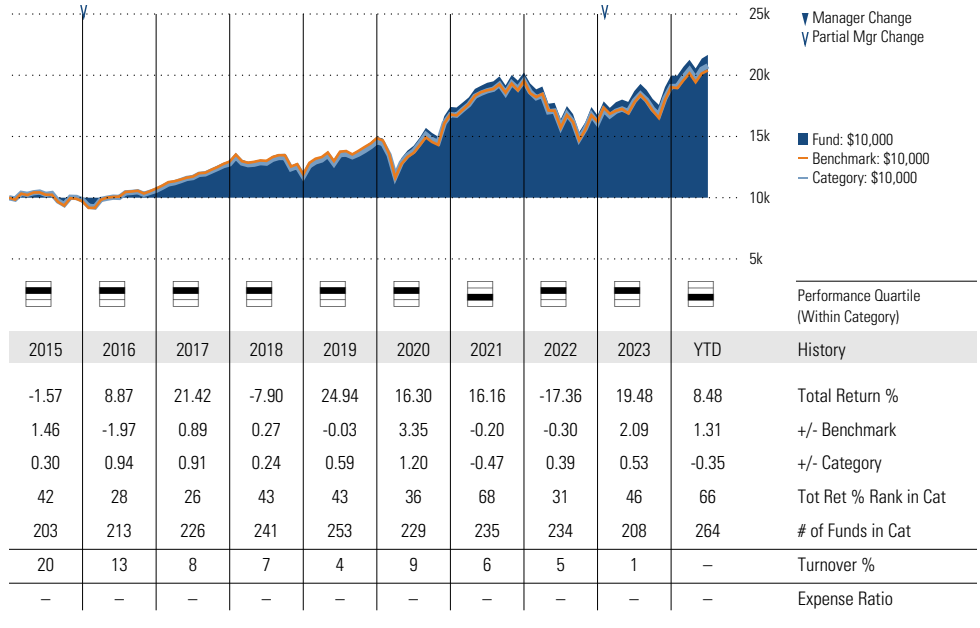
Morningstar Investment Management LLC Analysis

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

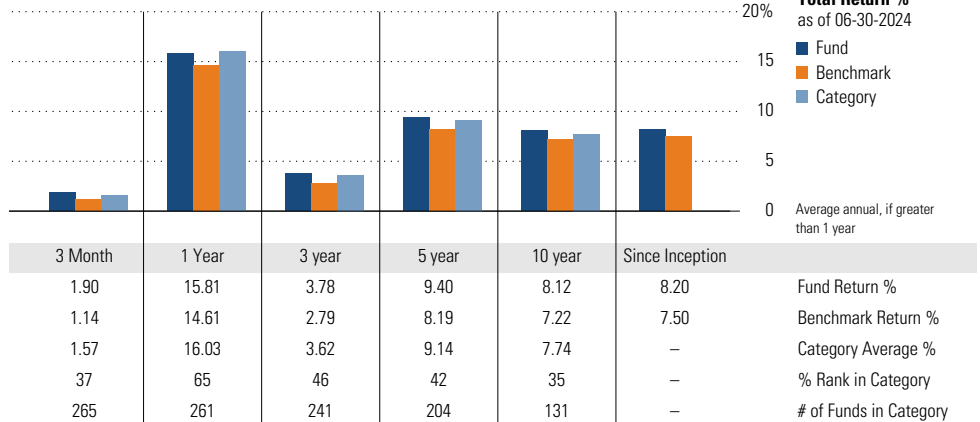
ESG Metrics

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

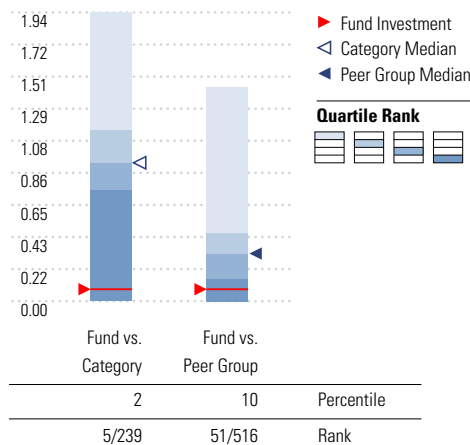
Growth of \$10,000



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

Portfolio Metrics

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

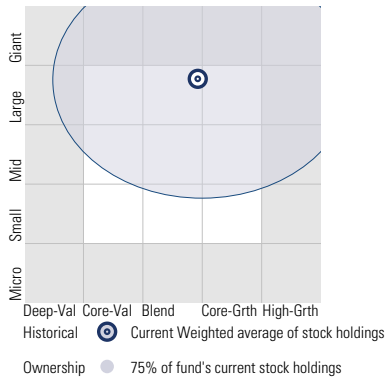
Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 06-30-2024

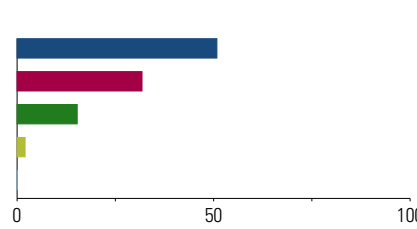
Morningstar Style Box™



Style Breakdown

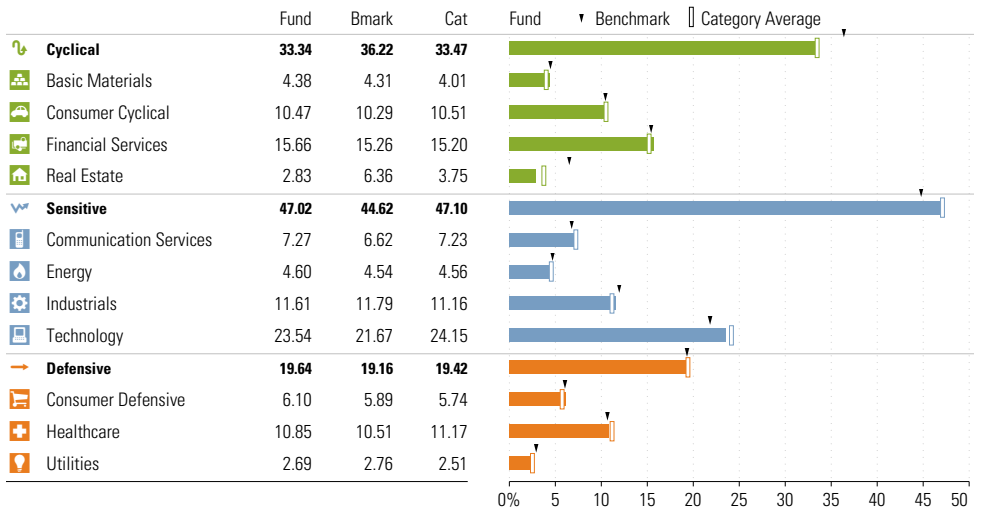


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	51.02	51.02	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	32.54	83.56	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	10.68	94.24	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	4.78	99.01	—	—
⊕ Mktliq 12/31/2049	—	0.98	99.99	—	—
⊕ Us Dollar	—	0.01	100.00	—	—

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2050 Fund VFIFF

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 11.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2050 category average.

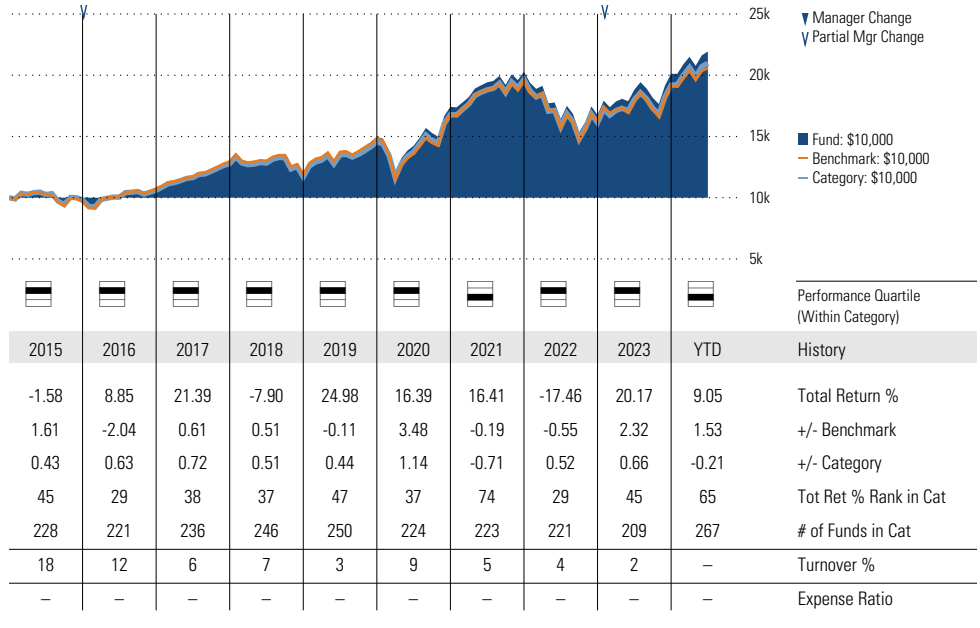
Morningstar Investment Management LLC Analysis

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

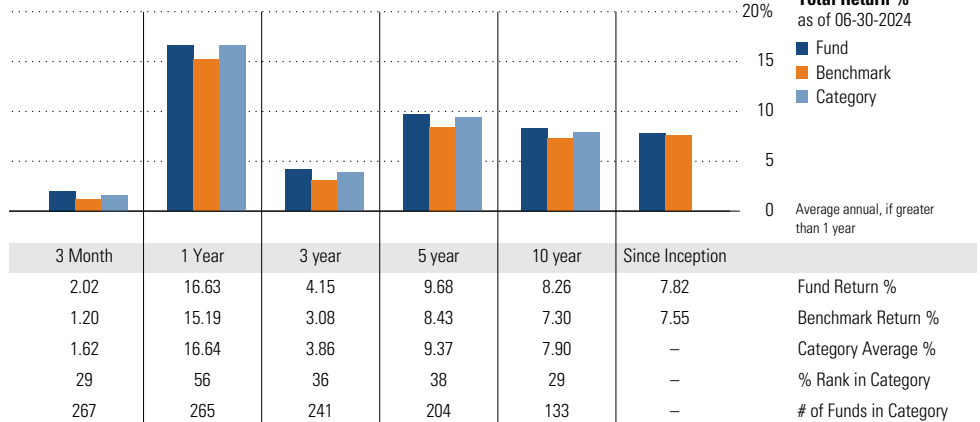
ESG Metrics

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

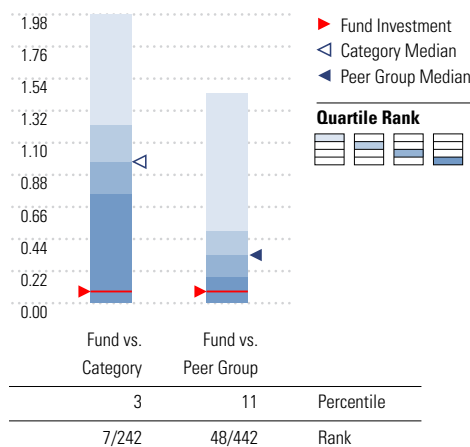
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	1.12	-	0.84
Beta	0.97	-	0.98
R-Squared	98.81	-	98.25
Standard Deviation	15.82	16.28	16.13
Sharpe Ratio	0.12	0.06	0.11
Tracking Error	1.81	-	2.16
Information Ratio	0.59	-	0.36
Up Capture Ratio	99.82	-	100.84
Down Capture Ratio	95.20	-	97.46

Portfolio Metrics

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

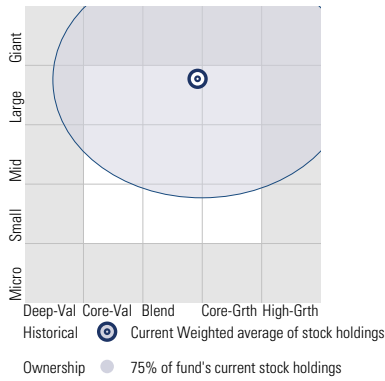
Vanguard Target Retirement 2050 Fund VFI5X

Morningstar Category
Target-Date 2050

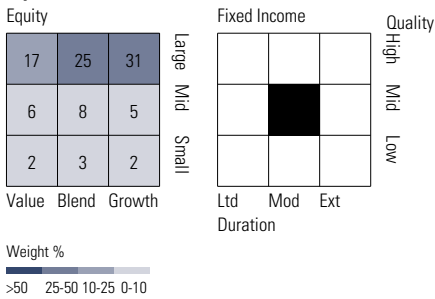
Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 06-30-2024

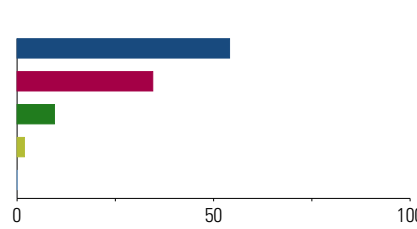
Morningstar Style Box™



Style Breakdown

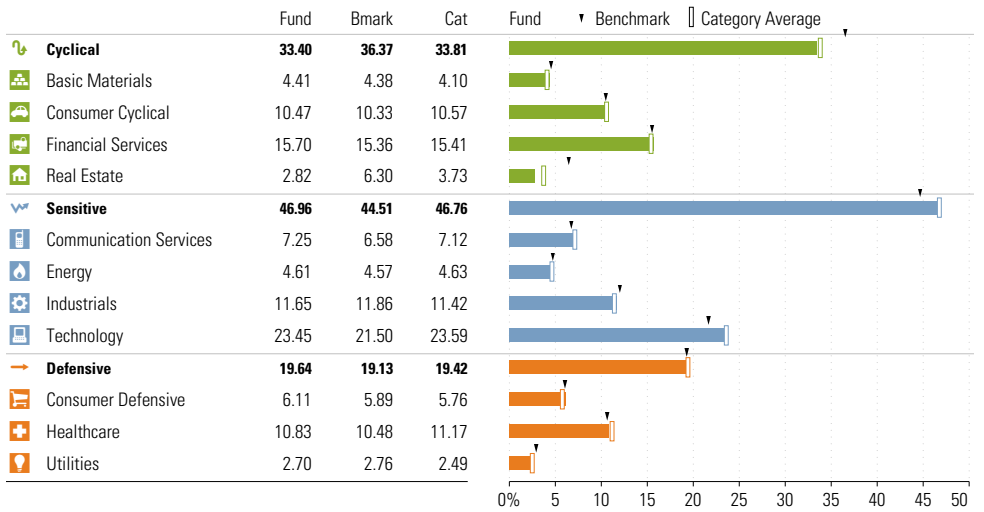


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	54.25	54.25	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.35	89.59	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	6.61	96.20	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	3.00	99.20	—	—
⊕ Mktliq 12/31/2049	—	0.79	99.99	—	—
⊕ Us Dollar	—	0.01	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 11.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2055 category average.

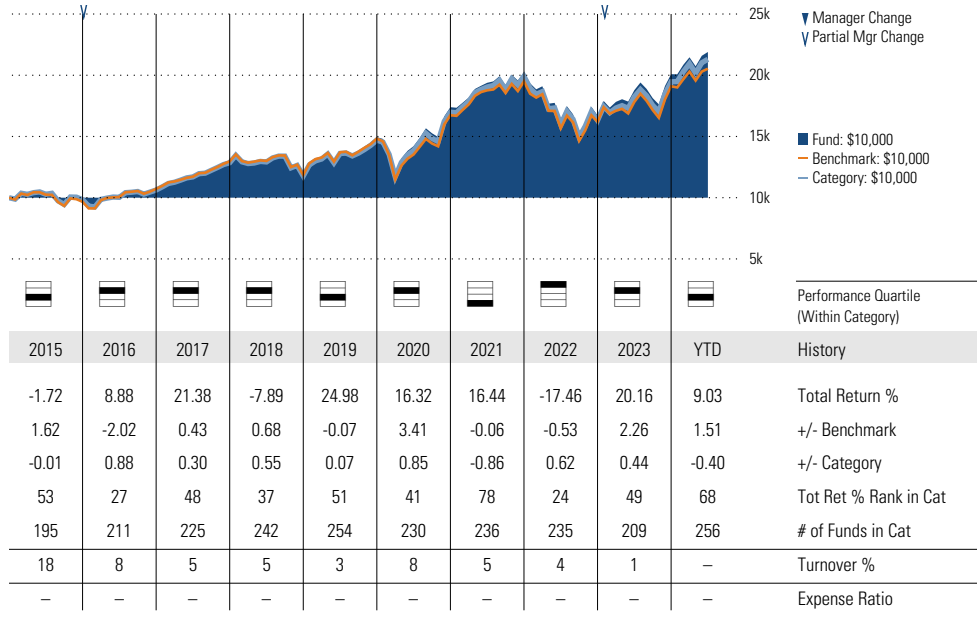
Morningstar Investment Management LLC Analysis

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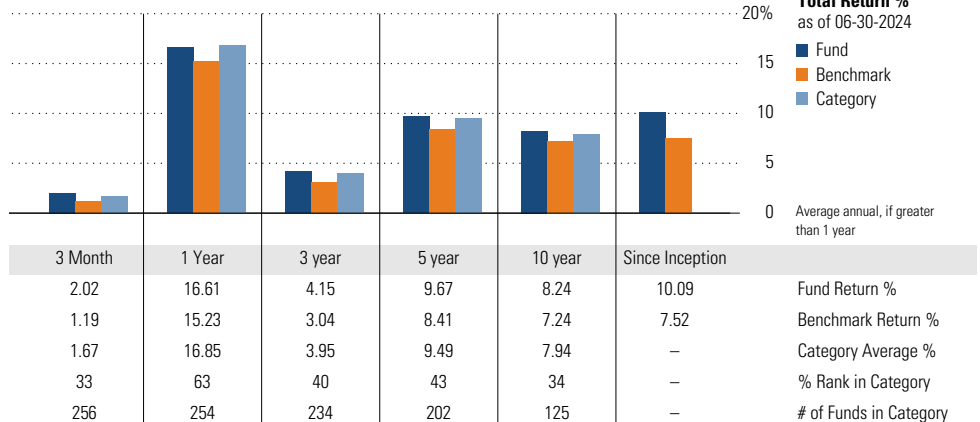
ESG Metrics

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

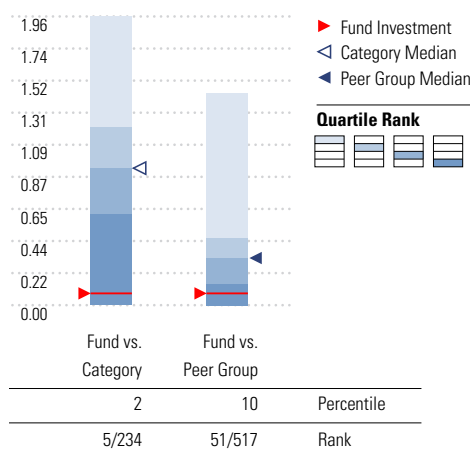
Growth of \$10,000



Trailing Performance



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	1.16	-	0.99
Beta	0.96	-	0.99
R-Squared	98.77	-	98.22
Standard Deviation	15.83	16.36	16.29
Sharpe Ratio	0.12	0.06	0.12
Tracking Error	1.87	-	2.19
Information Ratio	0.59	-	0.41
Up Capture Ratio	99.57	-	101.82
Down Capture Ratio	94.81	-	97.84

Portfolio Metrics

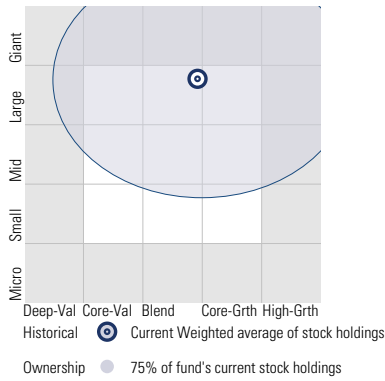
	Fund	Bmark	Cat
Price/Earnings Ratio	20.00	19.81	20.78
Price/Book Ratio	2.58	2.52	2.76
Avg Eff Duration	6.45	-	9.13

Vanguard Target Retirement 2055 Fund VFFVX

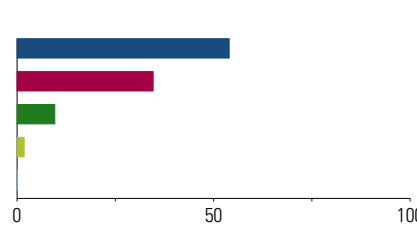
Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 06-30-2024
Morningstar Style Box™

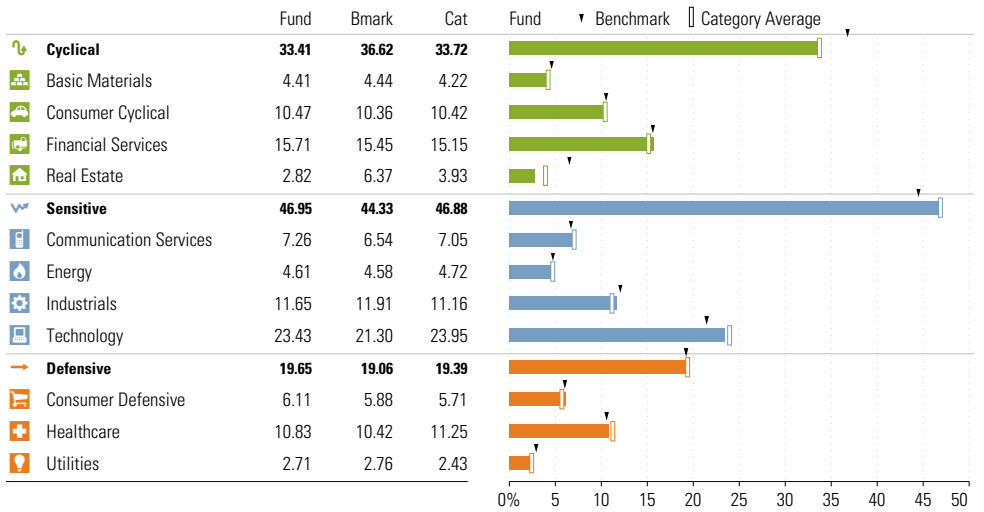


Asset Allocation as of 06-30-2024

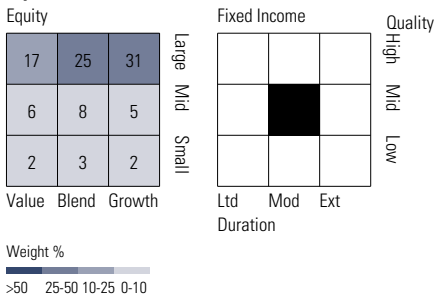


Asset Class	Net %	Cat%
US Stocks	53.96	55.82
Non-US Stocks	34.61	28.25
Bonds	9.59	4.61
Cash	1.79	0.83
Other	0.06	10.51
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Style Breakdown



Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	54.14	54.14	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.44	89.58	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.70	96.28	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	3.00	99.27	-	-
⊕ Mktliq 12/31/2049	-	0.71	99.98	-	-
⊕ Us Dollar	-	0.02	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 11.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

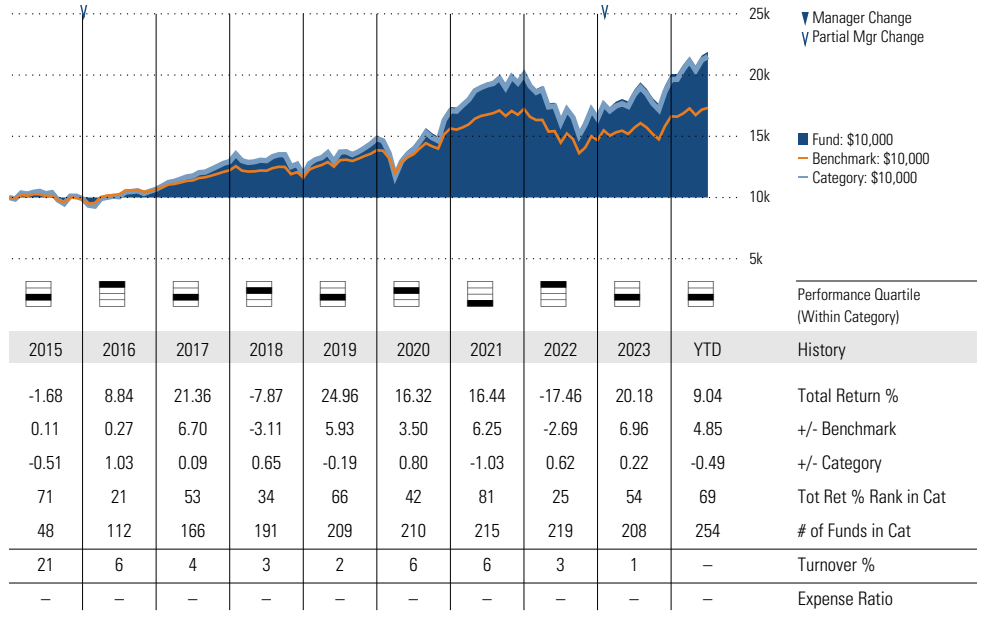
Morningstar Investment Management LLC Analysis

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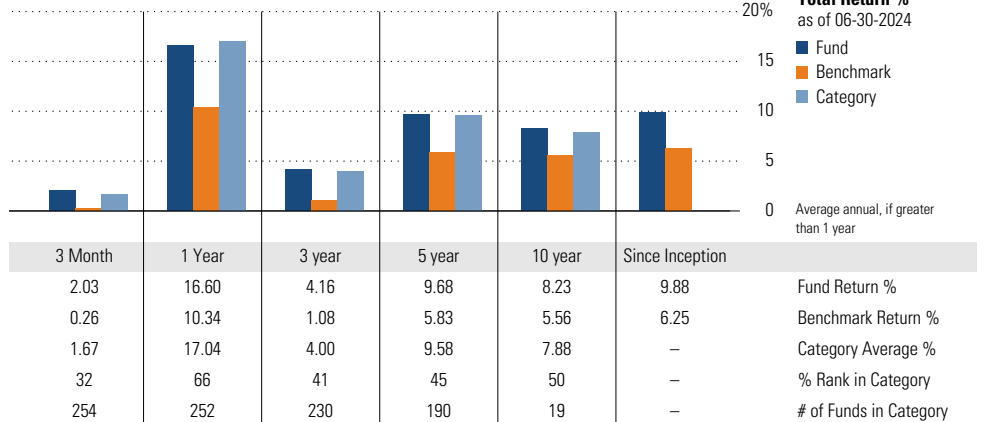
ESG Metrics

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

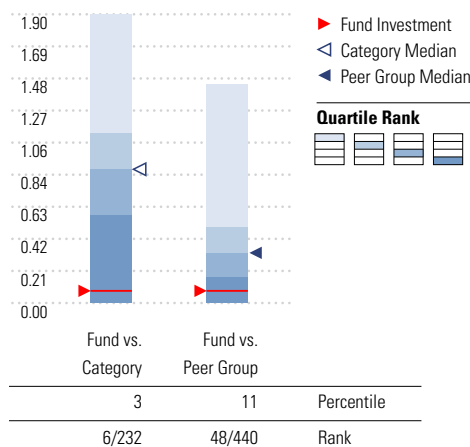
Growth of \$10,000



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	3.01	-	2.93
Beta	1.25	-	1.28
R-Squared	97.72	-	96.58
Standard Deviation	15.81	12.54	16.39
Sharpe Ratio	0.12	-0.12	0.12
Tracking Error	3.91	-	4.68
Information Ratio	0.79	-	0.63
Up Capture Ratio	137.99	-	142.10
Down Capture Ratio	121.85	-	126.56

Portfolio Metrics

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

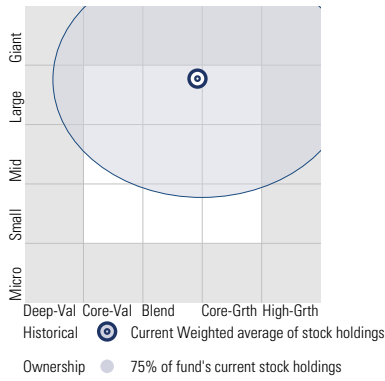
Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category
Target-Date 2060

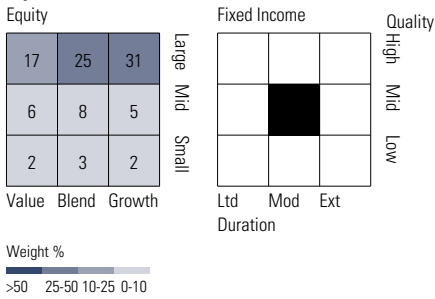
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 06-30-2024

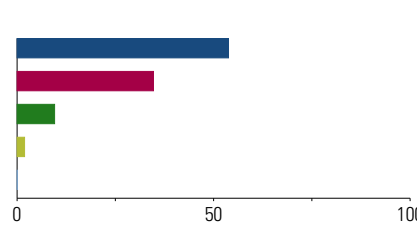
Morningstar Style Box™



Style Breakdown

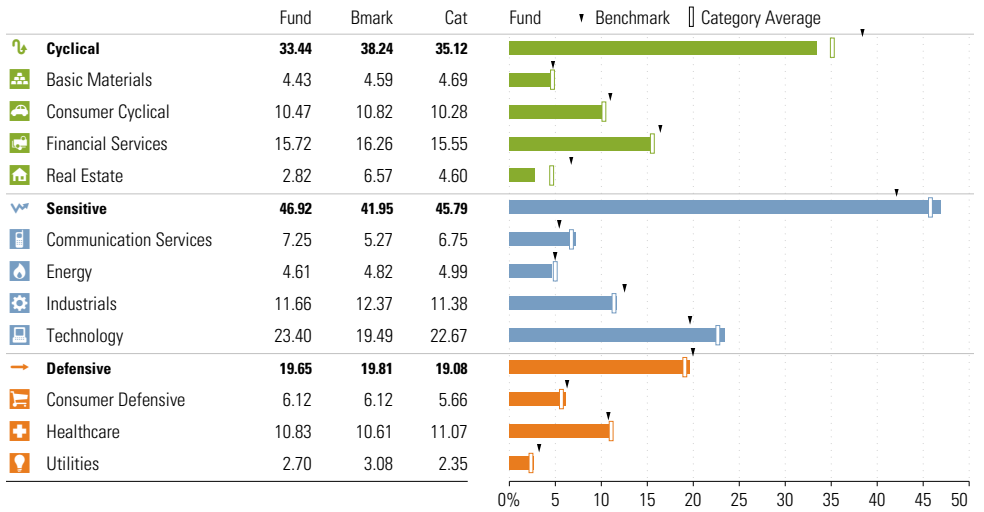


Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	53.79	47.69
Non-US Stocks	34.70	30.42
Bonds	9.54	4.18
Cash	1.90	0.42
Other	0.06	17.29
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Top 6 Holdings as of 06-30-2024

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

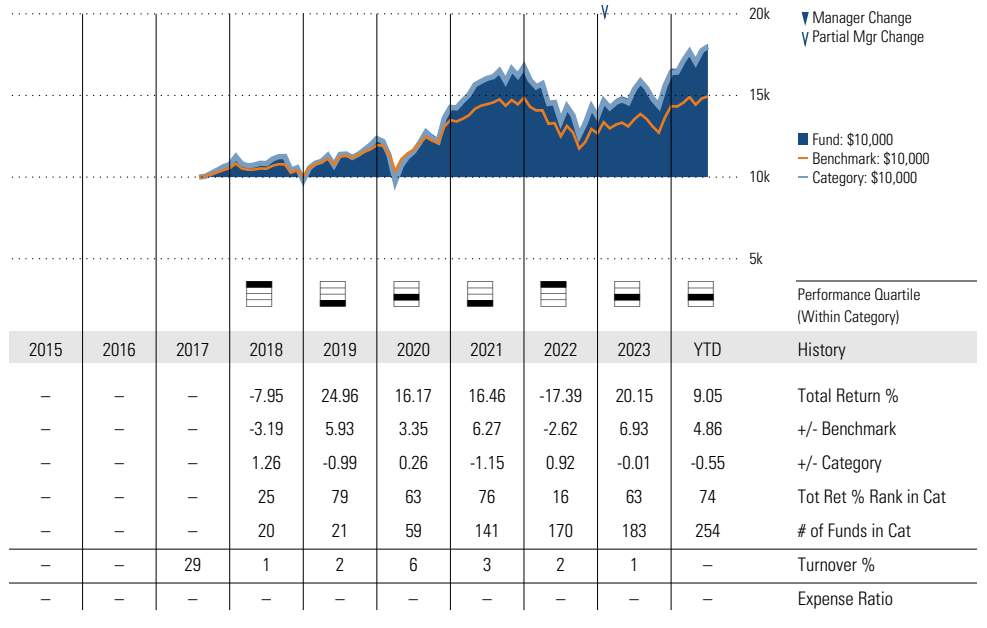
✔ **Performance:** The fund has finished in the Target-Date 2065+ category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.97 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

Growth of \$10,000



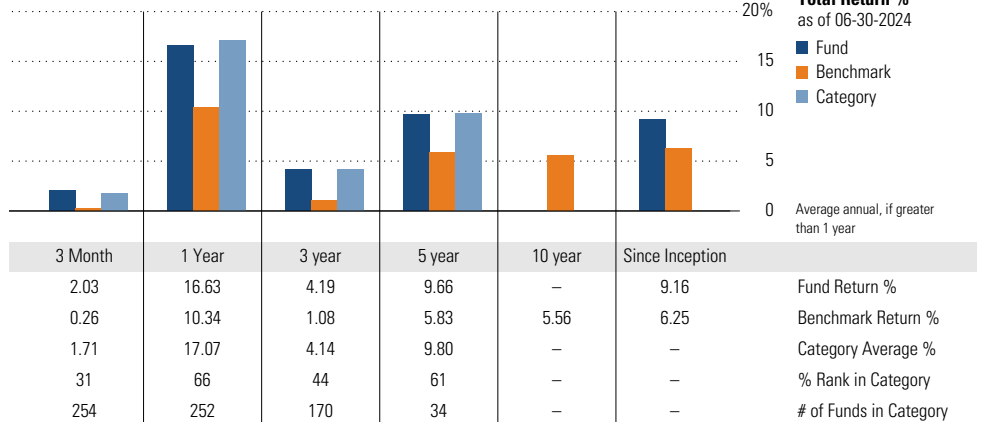
Morningstar Investment Management LLC Analysis

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

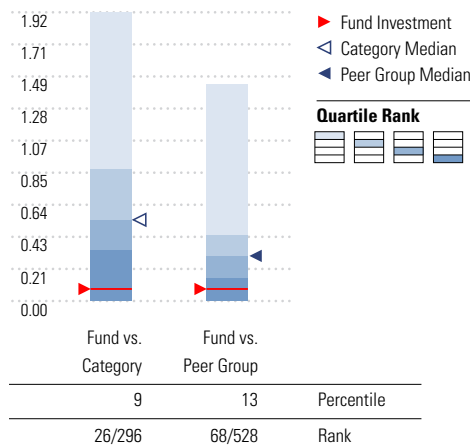
ESG Metrics

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

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	3.03	-	3.02
Beta	1.25	-	1.29
R-Squared	97.70	-	96.52
Standard Deviation	15.81	12.54	16.51
Sharpe Ratio	0.12	-0.12	0.12
Tracking Error	3.91	-	4.80
Information Ratio	0.79	-	0.63
Up Capture Ratio	138.02	-	143.27
Down Capture Ratio	121.75	-	127.22

Portfolio Metrics

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

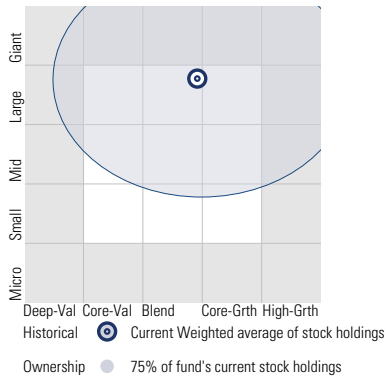
Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category
Target-Date 2065+

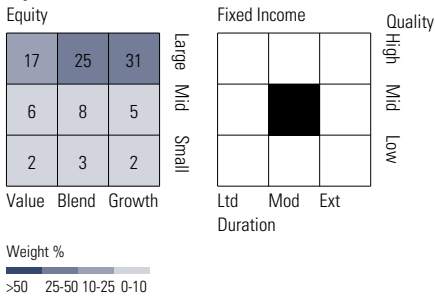
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 06-30-2024

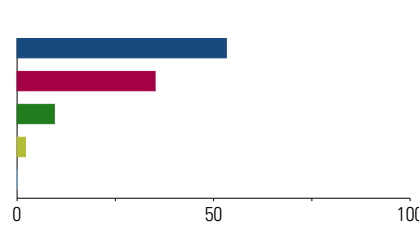
Morningstar Style Box™



Style Breakdown

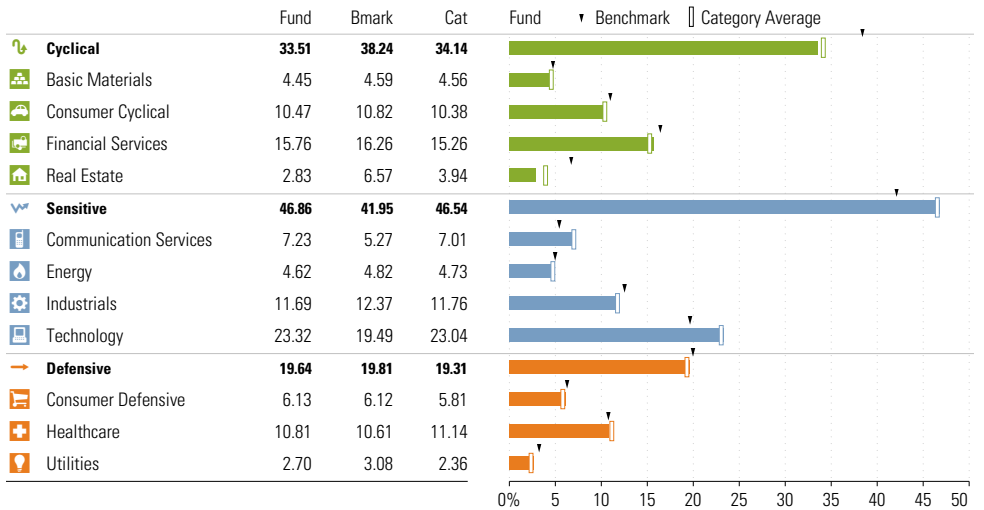


Asset Allocation as of 06-30-2024



Asset Class	Net %	Cat%
US Stocks	53.24	49.22
Non-US Stocks	35.11	30.56
Bonds	9.47	5.67
Cash	2.12	0.94
Other	0.06	13.61
Total	100.00	100.00

Sector Weighting as of 06-30-2024



Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	53.41	53.41	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.96	89.38	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	6.58	95.95	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	3.00	98.95	—	—
⊕ Mktliq 12/31/2049	—	0.99	99.94	—	—
⊕ Us Dollar	—	0.06	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 86.89% lower than the Target-Date 2065+ category average.

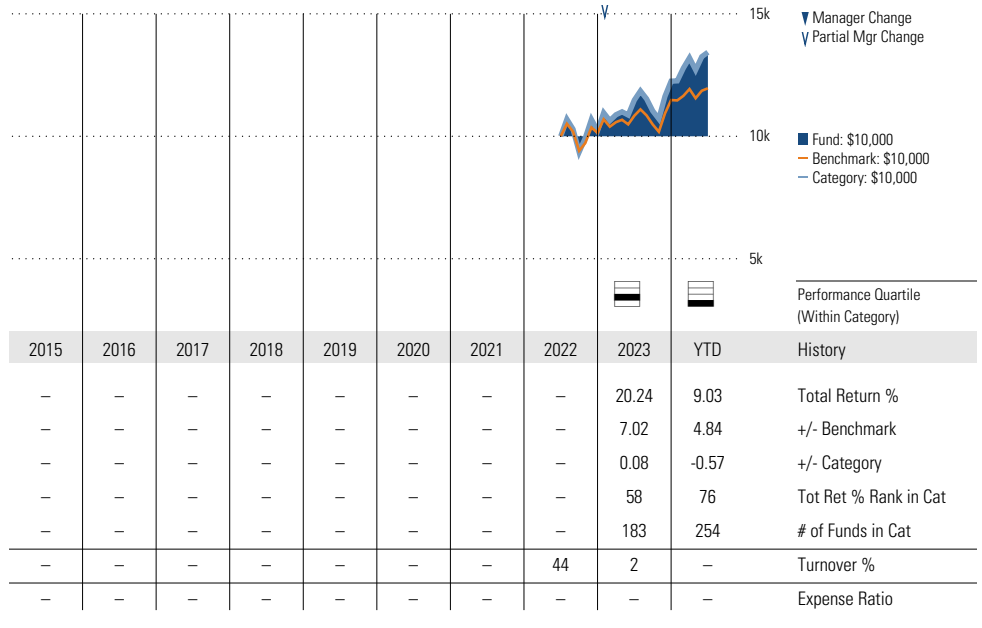
Morningstar Investment Management LLC Analysis

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

ESG Metrics

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

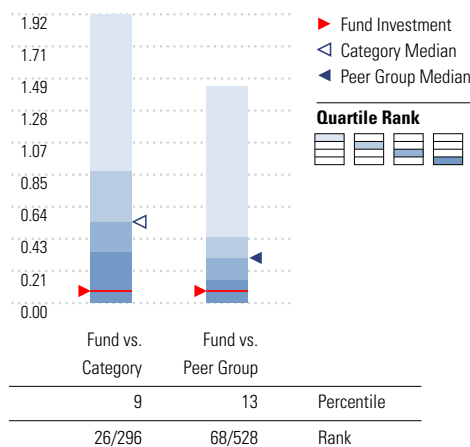
Growth of \$10,000



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

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

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.96	19.49	20.41
Price/Book Ratio	2.57	2.42	2.65
Avg Eff Duration	6.44	-	8.99

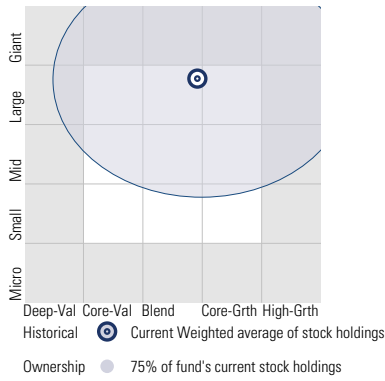
Vanguard Target Retirement 2070 Fund VSVNX

Morningstar Category
Target-Date 2065+

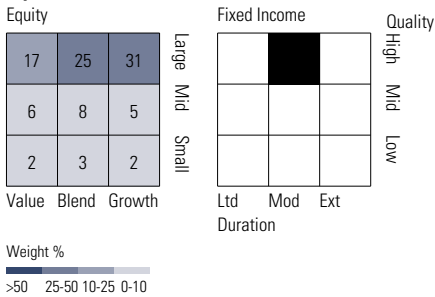
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 06-30-2024

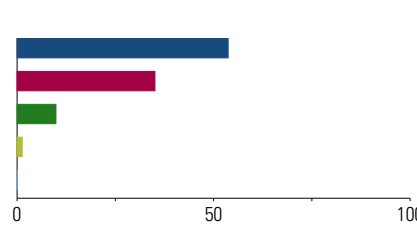
Morningstar Style Box™



Style Breakdown

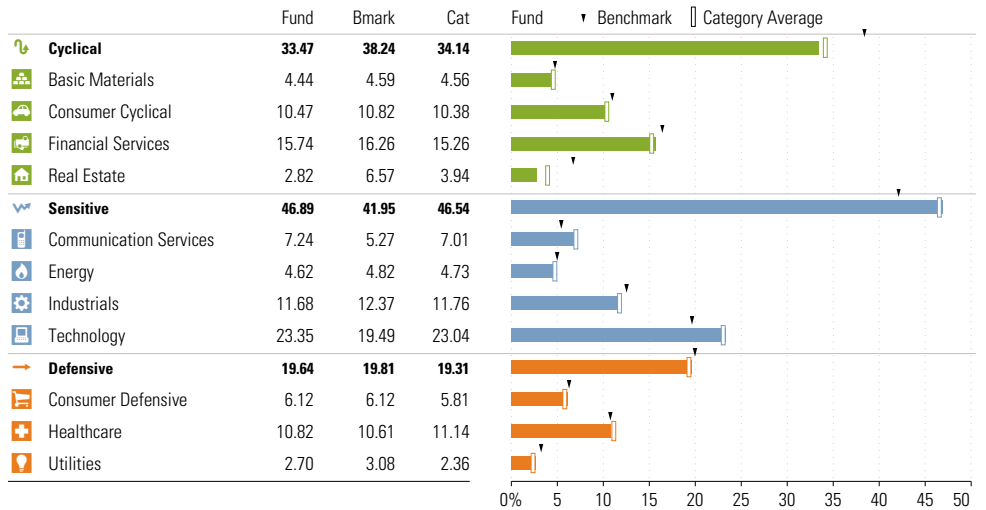


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



Top 6 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.87	53.87	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.92	89.78	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	7.00	96.78	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.99	99.77	-	-
⊕ Mktliq 12/31/2049	-	0.13	99.90	-	-
⊕ Us Dollar	-	0.10	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 11.36 years.

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

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

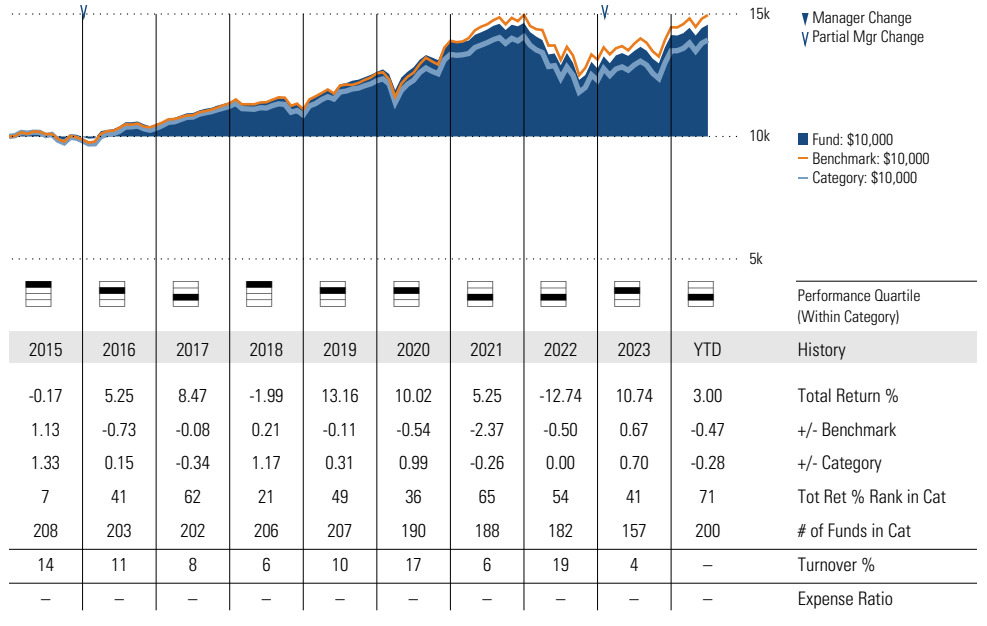
Morningstar Investment Management LLC Analysis

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

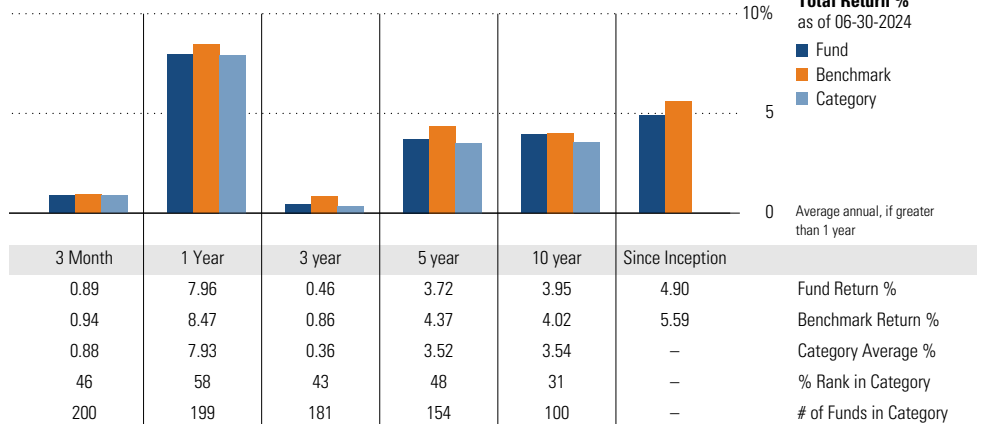
ESG Metrics

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

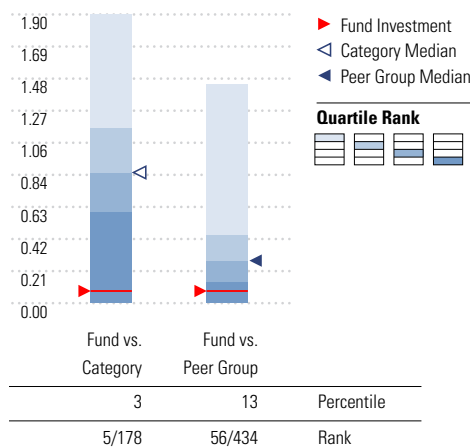
Growth of \$10,000



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	-0.36	-	-0.47
Beta	0.93	-	0.98
R-Squared	97.97	-	96.71
Standard Deviation	8.66	9.17	9.10
Sharpe Ratio	-0.30	-0.23	-0.30
Tracking Error	1.37	-	1.82
Information Ratio	-0.29	-	-0.31
Up Capture Ratio	93.07	-	96.35
Down Capture Ratio	95.87	-	100.07

Portfolio Metrics

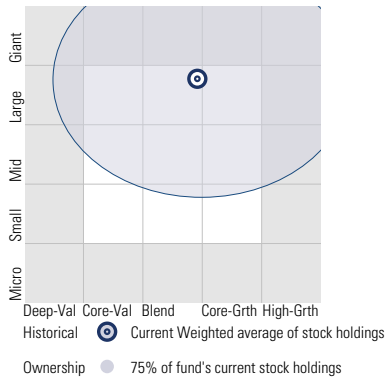
	Fund	Bmark	Cat
Price/Earnings Ratio	19.95	21.34	20.81
Price/Book Ratio	2.56	2.82	2.66
Avg Eff Duration	5.49	-	6.10

Vanguard Target Retirement Income Fund VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

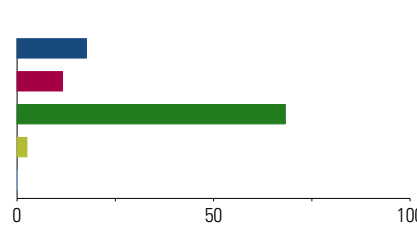
Style Analysis as of 06-30-2024
Morningstar Style Box™



Style Breakdown

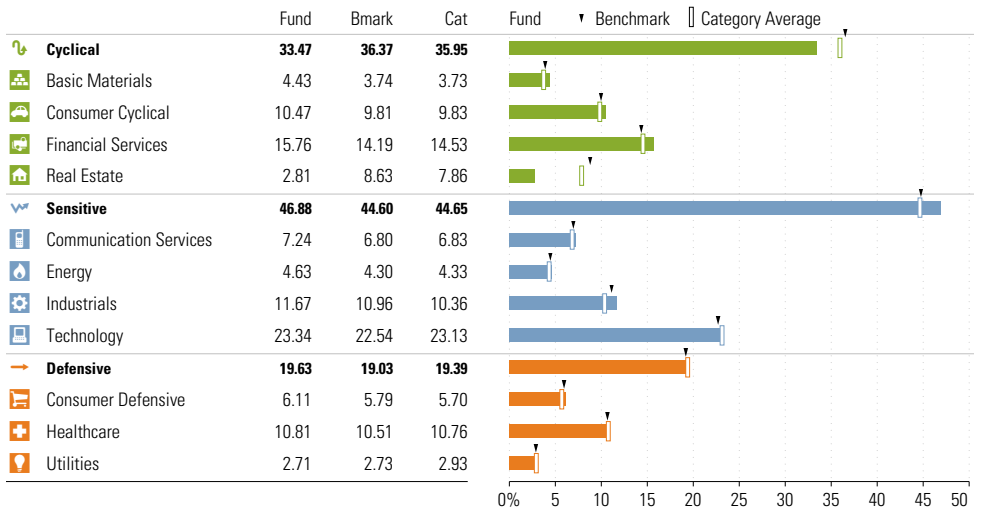


Asset Allocation as of 06-30-2024



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

Sector Weighting as of 06-30-2024



Top 7 Holdings as of 06-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	36.96	36.96	—	—
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	17.70	54.65	—	—
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	16.82	71.47	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	15.89	87.36	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	11.84	99.19	—	—
⊕ Mktliq 12/31/2049	—	0.79	99.98	—	—
⊕ Us Dollar	—	0.02	100.00	—	—

Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio