

American Century Inflation Adjs Bond R5 AIANX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

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

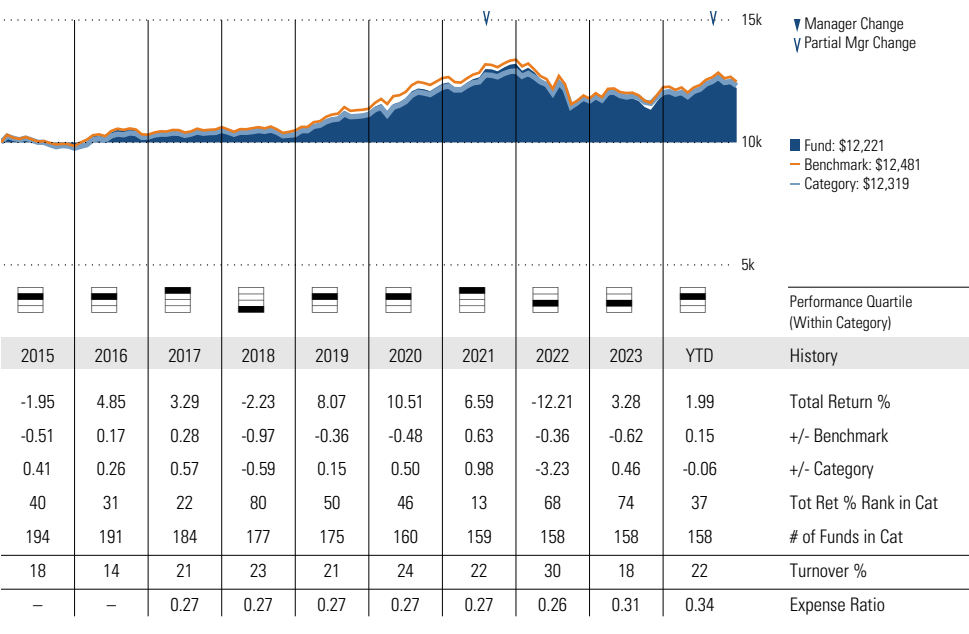
Morningstar Investment Management LLC Analysis

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

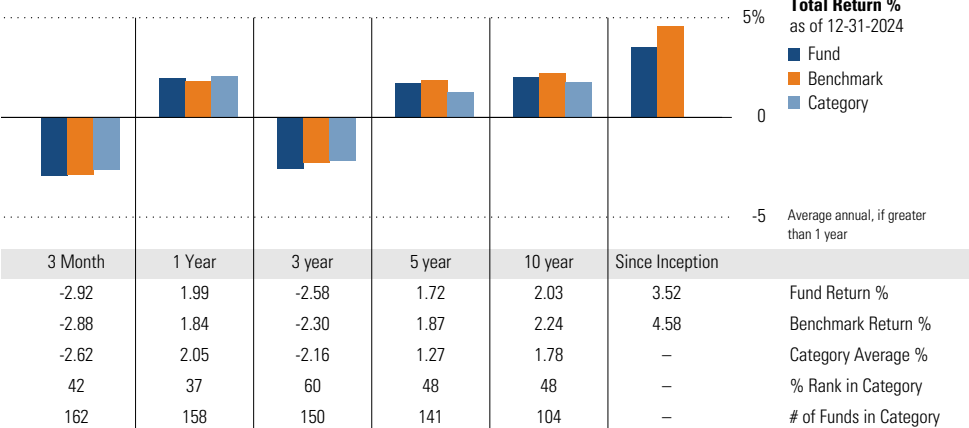
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024

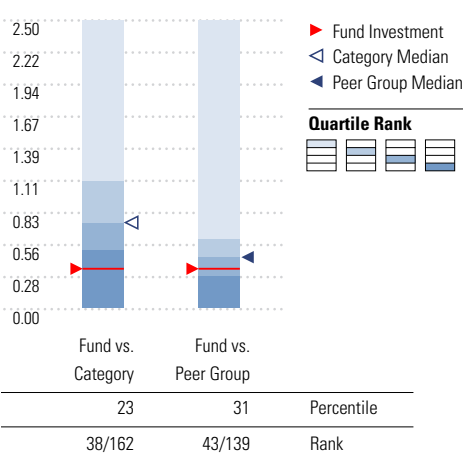
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

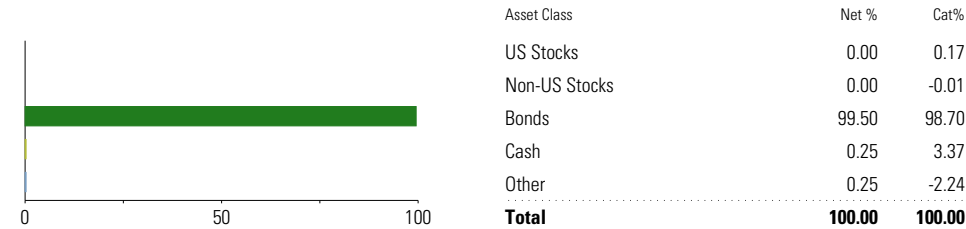
American Century Inflation Adjs Bond R5 AIANX

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

Style Analysis as of 12-31-2024

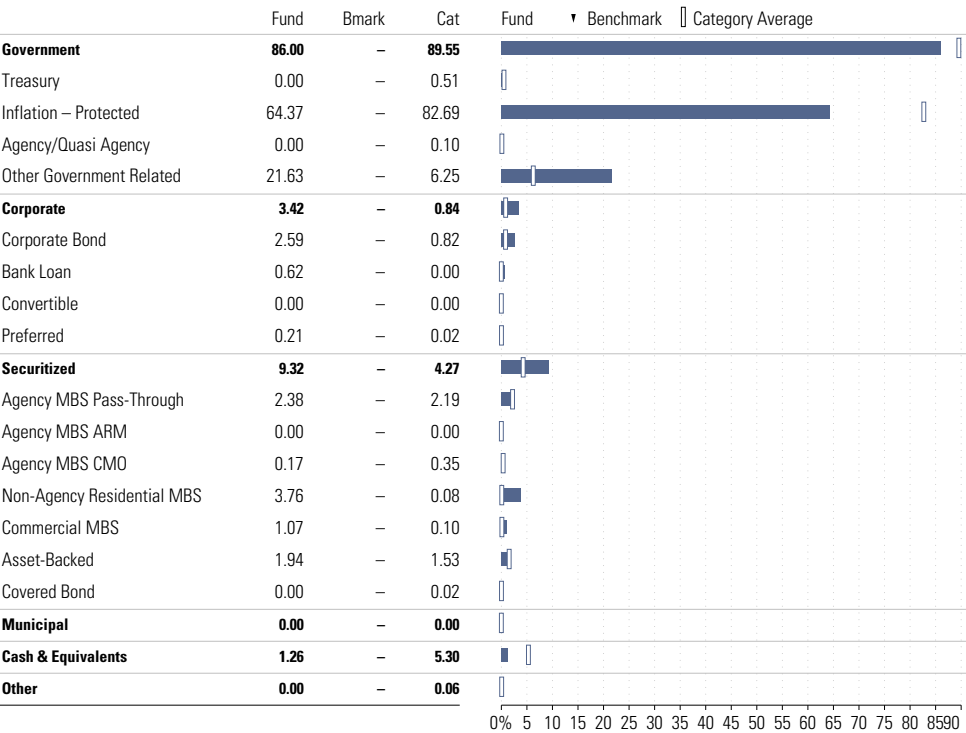


Asset Allocation as of 12-31-2024



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	91.33	0.00	23.64
AA	1.00	99.60	70.55
A	1.66	0.00	0.76
BBB	1.44	0.00	1.43
BB	1.48	0.00	0.23
B	0.64	0.00	0.03
Below B	0.00	0.00	0.14
Not Rated	2.45	0.40	3.23

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Mar25 Xcbt 20250331	03-2025	4.51	4.51	—
⊕ United States Treasury Notes 1.375%	07-2033	4.45	8.96	—
⊖ United States Treasury Notes 0.125%	04-2027	4.25	13.21	—
⊖ United States Treasury Notes 0.625%	07-2032	3.85	17.06	—
⊖ United States Treasury Notes 0.5%	01-2028	3.73	20.79	—
⊕ United States Treasury Notes 0.625%	01-2026	3.33	24.12	—
⊕ United States Treasury Notes 1.125%	01-2033	3.10	27.22	—
⊕ United States Treasury Notes 0.125%	07-2031	2.98	30.20	—
⊕ United States Treasury Notes 0.125%	01-2031	2.92	33.12	—
⊕ Government National Mortgage Association 5.5%	01-2055	2.84	35.96	—

Total Holdings 170

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds AMCAP R6 RAFGX

Morningstar Category Large Growth Morningstar Index Russell 1000 Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Large Growth category's top three quartiles in 6 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 13.68 years.
- Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.34 is 63.04% lower than the Large Growth category average.

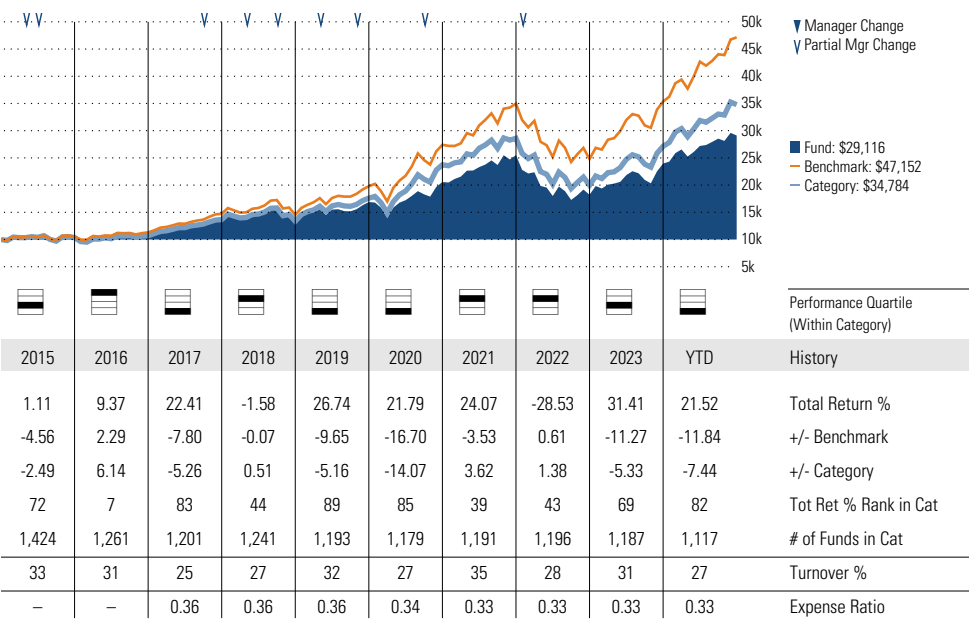
Morningstar Investment Management LLC Analysis

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

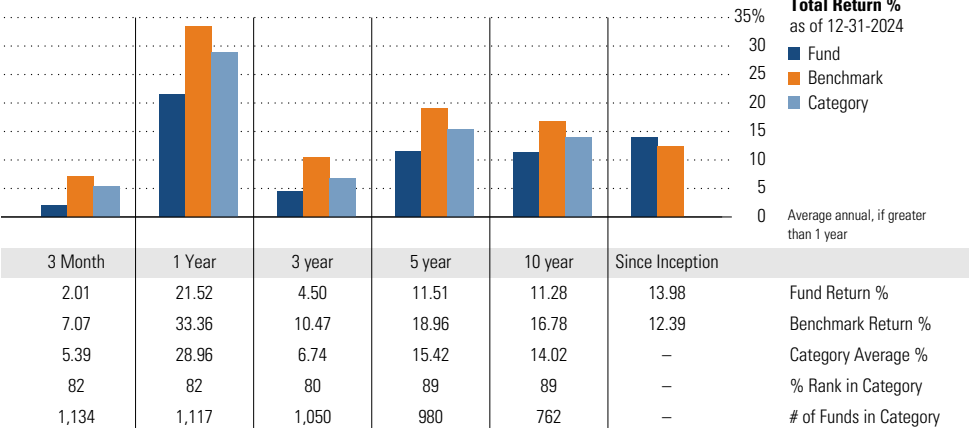
ESG Metrics

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

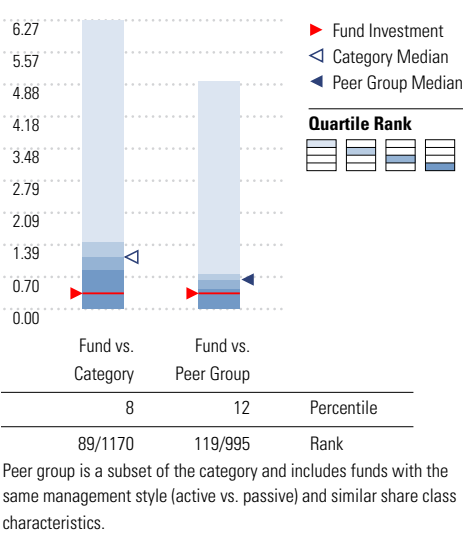
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

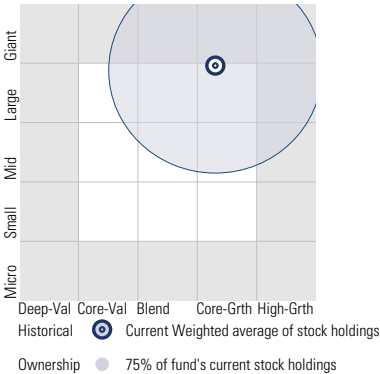
Portfolio Metrics

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

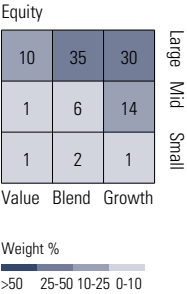
American Funds AMCAP R6 RAFGX

Morningstar Category Large Growth
Morningstar Index Russell 1000 Growth TR USD

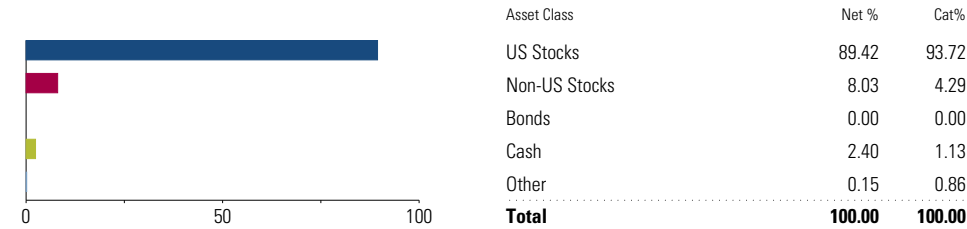
Style Analysis as of 12-31-2024
Morningstar Style Box™



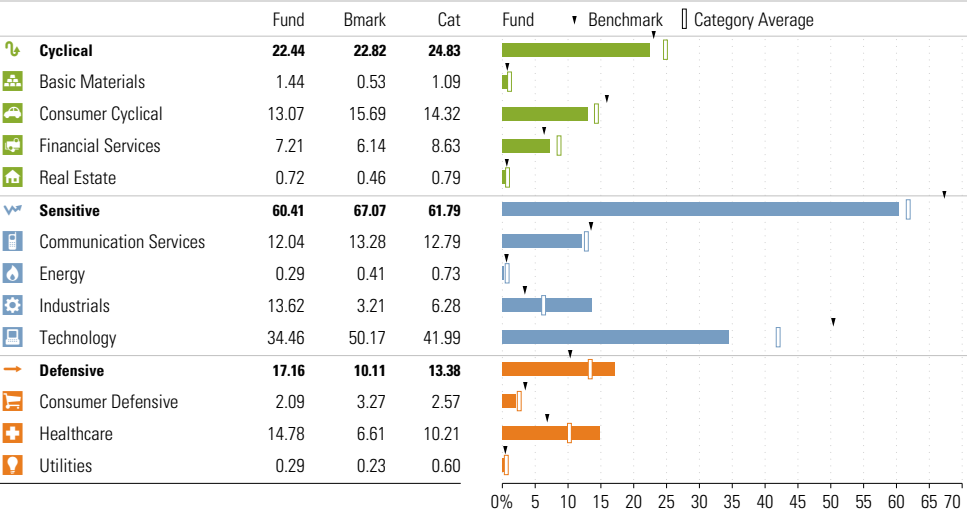
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 178

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds American Balanced R6 RLBGX

Morningstar Category
Moderate Allocation

Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

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

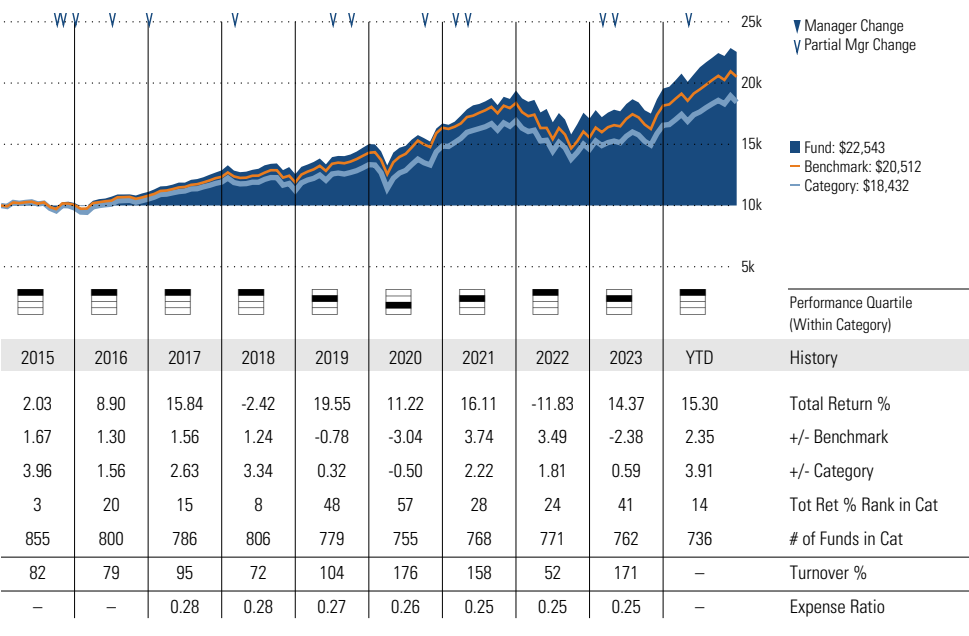
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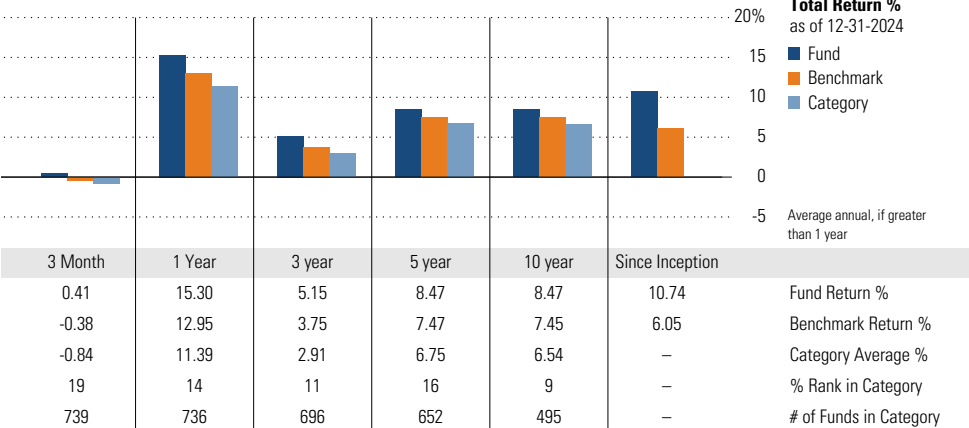
ESG Metrics

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

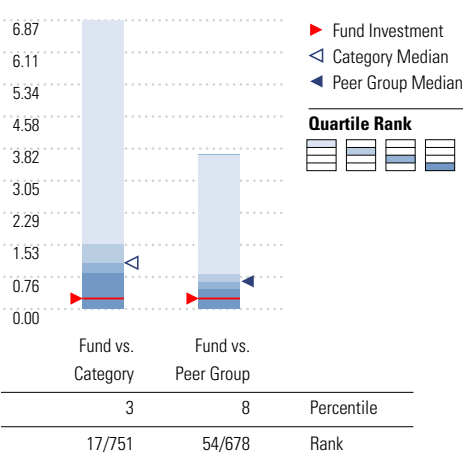
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

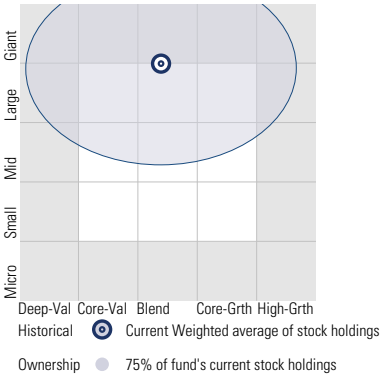
American Funds American Balanced R6 RLBGX

Morningstar Category
Moderate Allocation

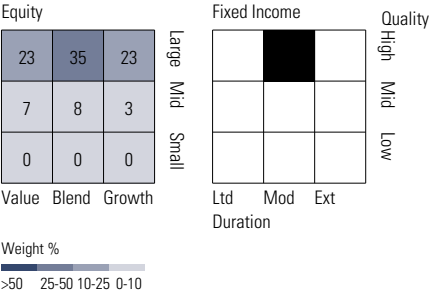
Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 12-31-2024

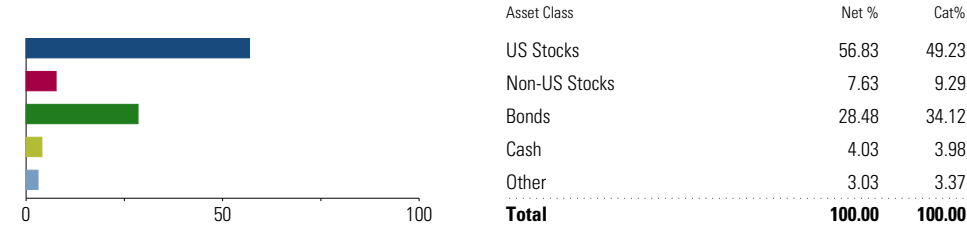
Morningstar Style Box™



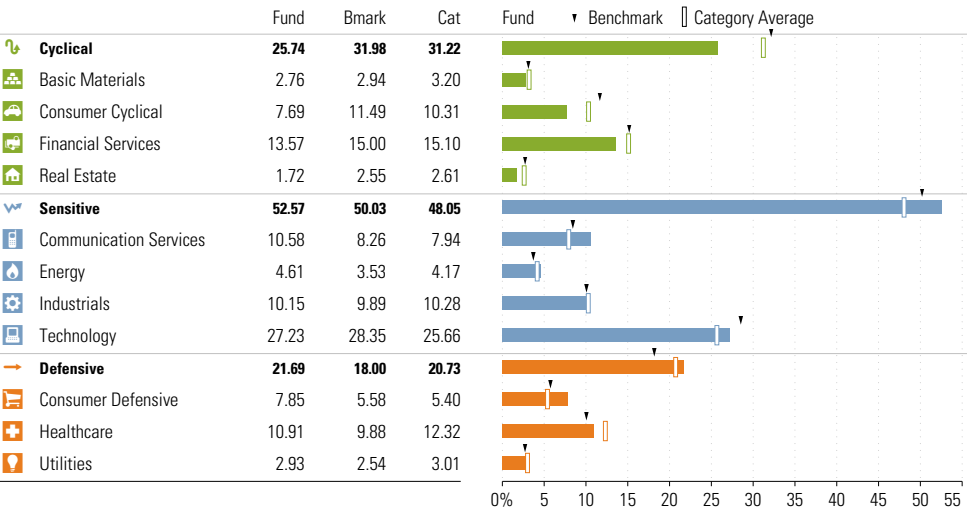
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 3732

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category
Global Large-Stock Blend

Morningstar Index
MSCI ACWI NR USD

Portfolio Manager(s)

Sung Lee since 02-2006
Alfonso Barroso since 02-2007
Michael Cohen since 11-2014
Reed Lowenstein since 02-2019
Lara Pellini since 02-2019
Jin Lee since 02-2019
Leo Hee since 10-2019
Jeremy Burge since 01-2020
Renaud Samyn since 02-2020
Diana Wagner since 02-2022

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 18.93 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.41 is 56.84% lower than the Global Large-Stock Blend category average.

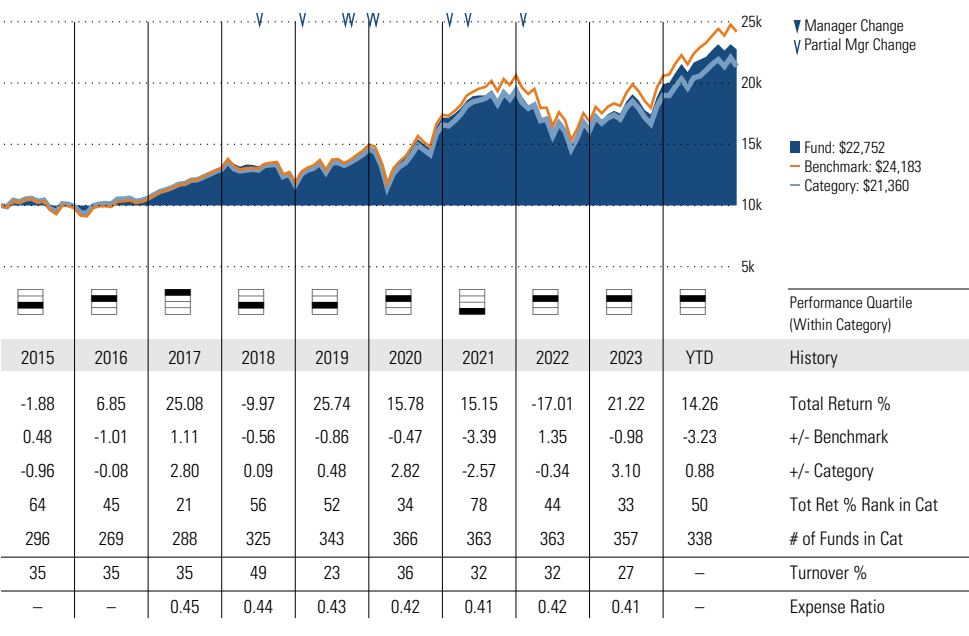
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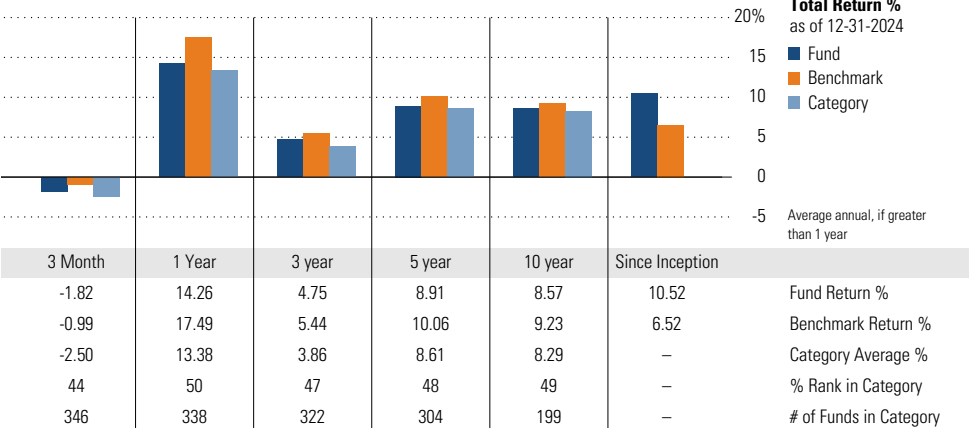
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	05-18-2022

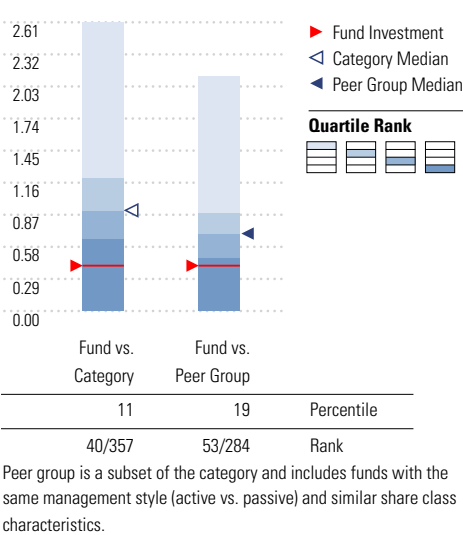
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.50	—	-1.39
Beta	0.98	—	0.97
R-Squared	96.14	—	92.44
Standard Deviation	16.35	16.43	16.67
Sharpe Ratio	0.11	0.15	0.06
Tracking Error	3.24	—	4.43
Information Ratio	-0.21	—	-0.34
Up Capture Ratio	96.62	—	95.44
Down Capture Ratio	98.90	—	101.76

Portfolio Metrics

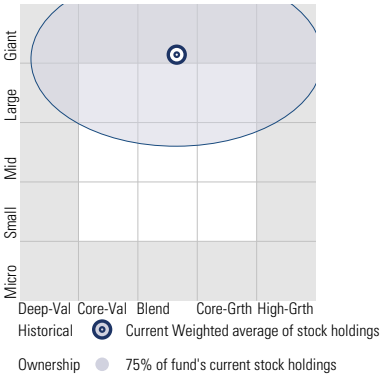
	Fund	Bmark	Cat
Price/Earnings Ratio	21.63	21.99	20.78
Price/Book Ratio	3.46	3.07	3.03
Geom Avg Mkt Cap \$B	165.83	175.32	160.78
ROE	25.01	27.62	26.70

American Funds Capital World Gr&Inc R6 RWIGX

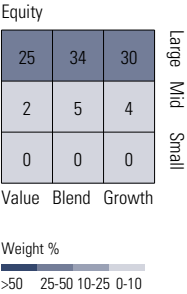
Morningstar Category Global Large-Stock Blend Morningstar Index MSCI ACWI NR USD

Style Analysis as of 12-31-2024

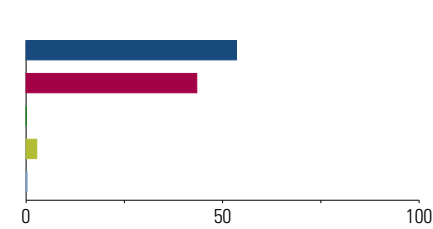
Morningstar Style Box™



Style Breakdown

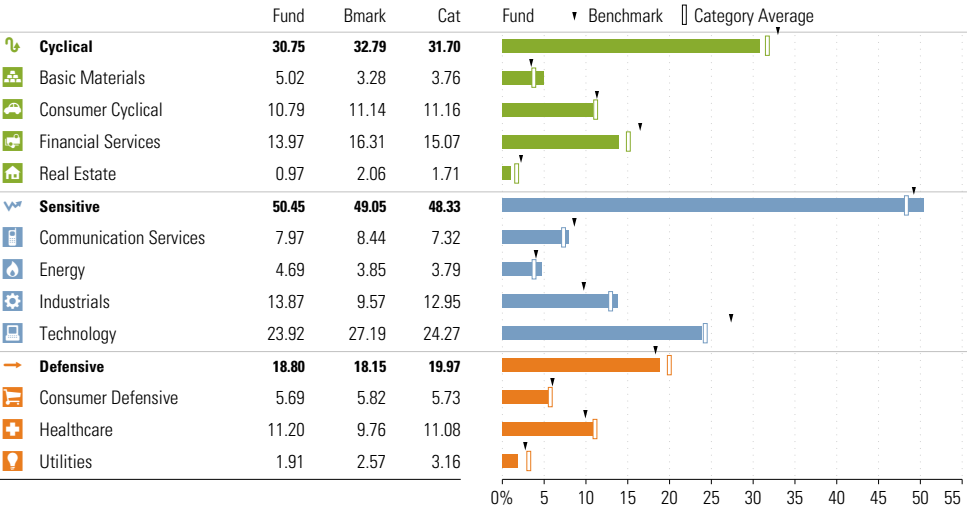


Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat %
US Stocks	53.53	64.44
Non-US Stocks	43.43	33.27
Bonds	0.09	0.33
Cash	2.71	0.92
Other	0.24	1.03
Total	100.00	100.00

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Greater Asia	Fund % 14.22	Cat % 11.81	Americas	Fund % 61.37	Cat % 69.18	Greater Europe	Fund % 24.41	Cat % 18.98	Market Maturity	Fund %
Japan	3.67	4.26	North America	60.02	68.57	United Kingdom	6.34	5.02	Developed Markets	94.64
Australasia	0.31	0.59	Central/Latin	1.35	0.61	W euro-ex UK	17.88	13.67	Emerging Markets	5.36
Asia-4 Tigers	6.23	3.76				Emrgng Europe	0.00	0.07	Not Available	0.00
Asia-ex 4 Tigers	4.01	3.20				Africa	0.19	0.22		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	5.44	5.44	—	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	4.09	9.53	—	Technology
⊕ Microsoft Corp	3.78	13.31	12.91	Technology
⊖ Capital Group Central Cash Fund	2.43	15.74	—	—
⊖ Apple Inc	2.13	17.87	30.58	Technology
⊕ Amazon.com Inc	2.11	19.98	44.39	Consumer Cyclical
⊕ Philip Morris International Inc	1.87	21.85	—	Consumer Defensive
⊕ Eli Lilly and Co	1.72	23.57	33.33	Healthcare
⊖ Meta Platforms Inc Class A	1.50	25.07	—	Communication Svc
⊕ NVIDIA Corp	1.34	26.41	171.24	Technology

Total Holdings 347

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

Quantitative Screens

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

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

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

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

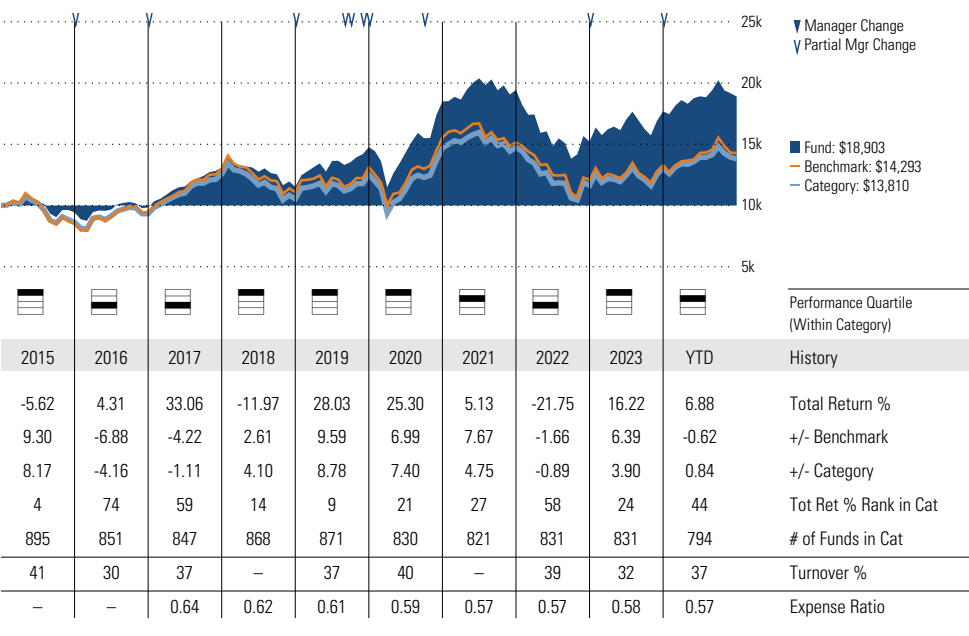
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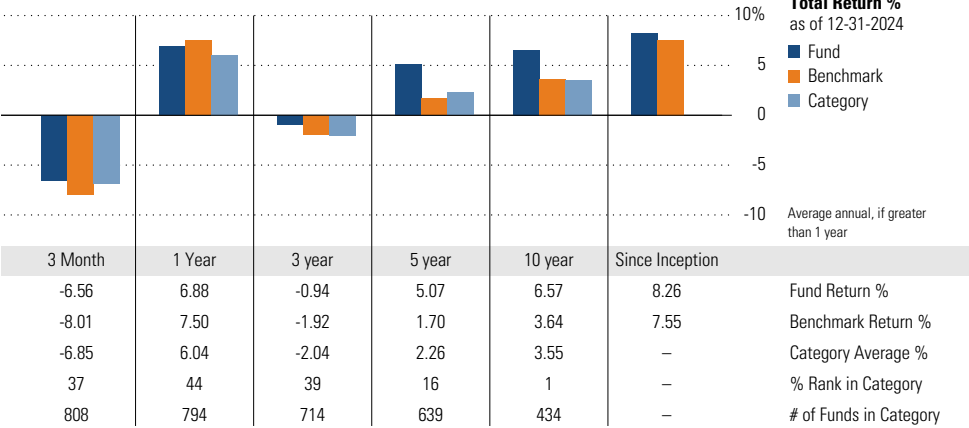
ESG Metrics

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

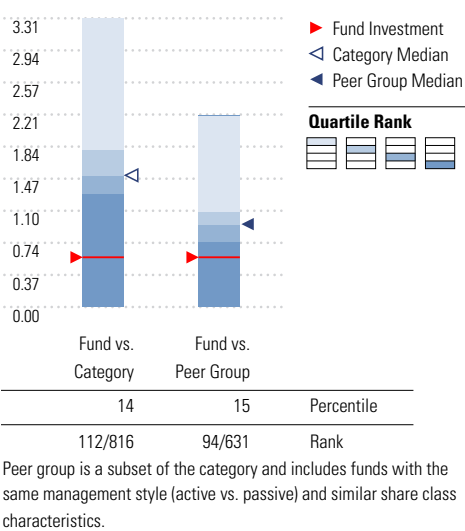
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

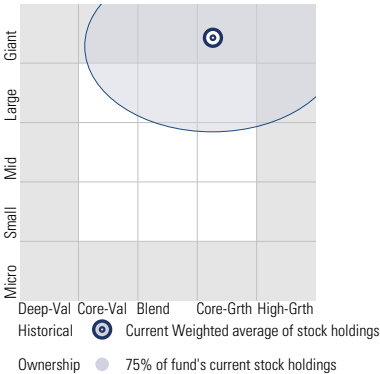
	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	13.99	13.85
Price/Book Ratio	3.07	1.74	1.84
Geom Avg Mkt Cap \$B	80.99	47.88	52.65
ROE	23.57	17.44	18.82

American Funds New World R6 RNWGX

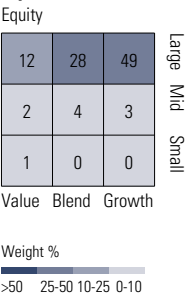
Morningstar Category Diversified Emerging Mkts
Morningstar Index MSCI EM NR USD

Style Analysis as of 12-31-2024

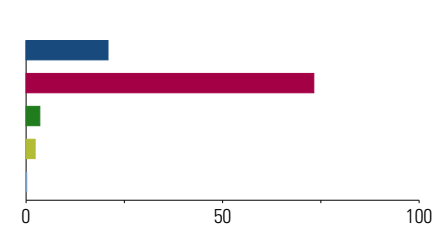
Morningstar Style Box™



Style Breakdown

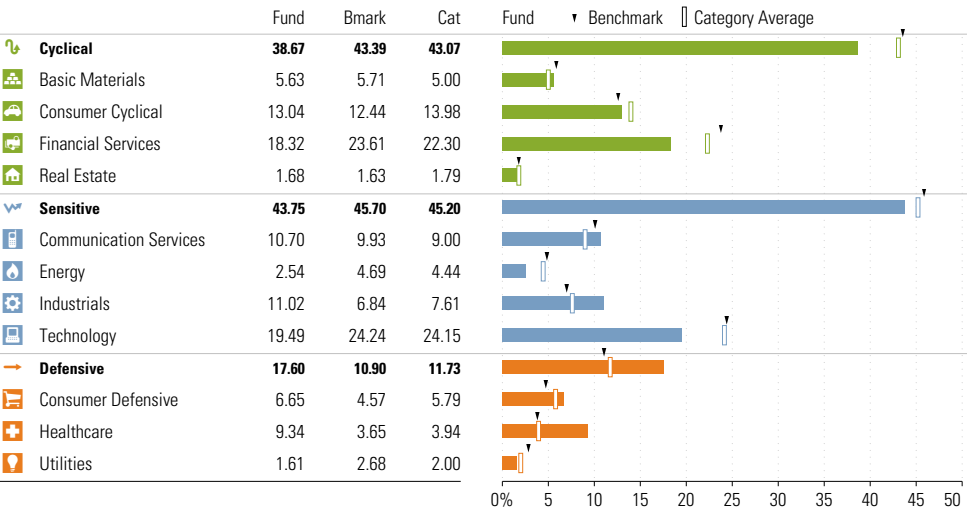


Asset Allocation as of 12-31-2024



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

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



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

Top 10 Holdings as of 12-31-2024

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

Total Holdings 593

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds Washington Mutual R6 RWMGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance:** The fund has finished in the Large Blend category's top three quartiles in 7 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 27.52 years.
- Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.26 is 64.38% lower than the Large Blend category average.

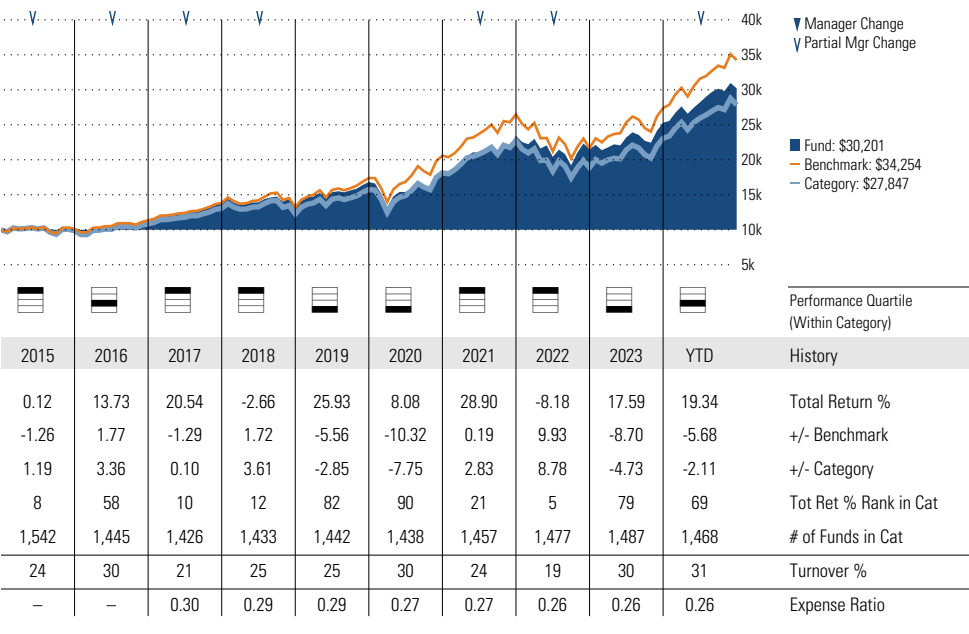
Morningstar Investment Management LLC Analysis

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

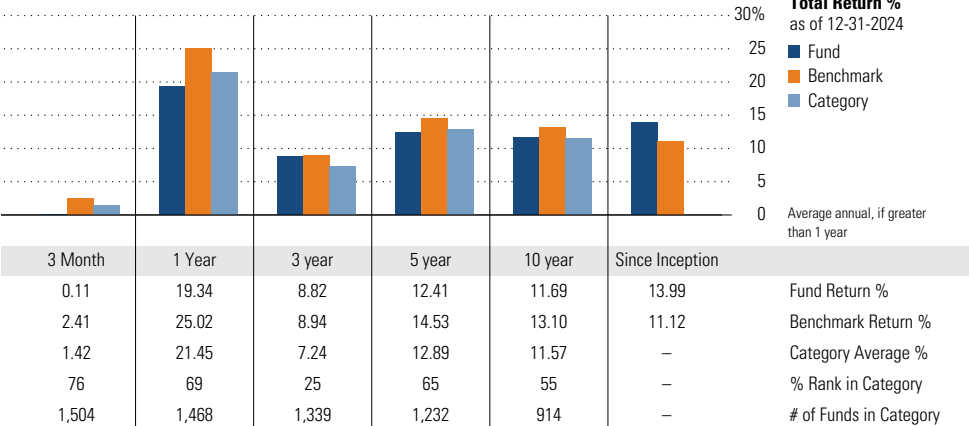
ESG Metrics

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

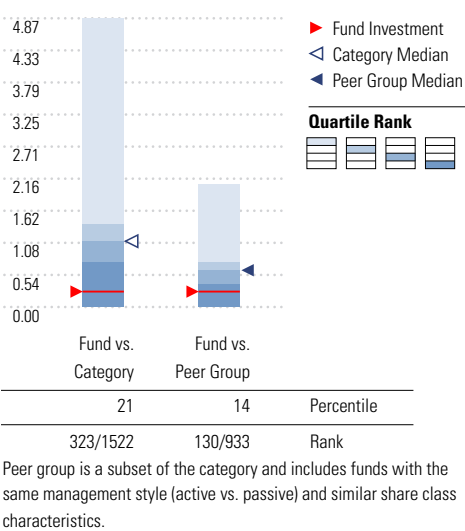
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

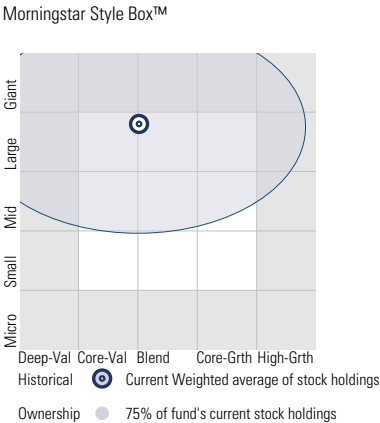
	Fund	Bmark	Cat
Price/Earnings Ratio	25.26	27.14	27.37
Price/Book Ratio	4.13	4.77	4.95
Geom Avg Mkt Cap \$B	218.08	362.17	383.78
ROE	27.58	33.88	32.35

American Funds Washington Mutual R6 RWMGX

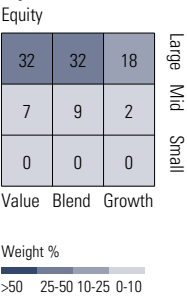
Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

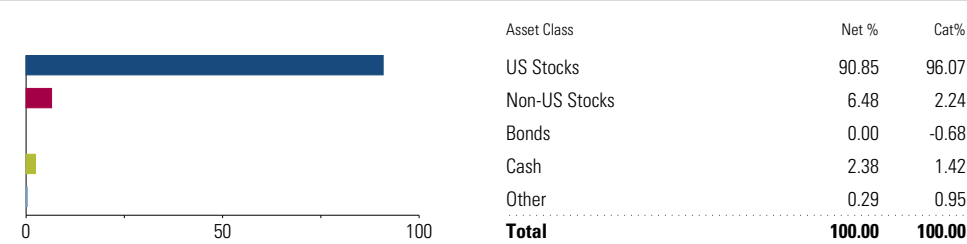
Style Analysis as of 12-31-2024



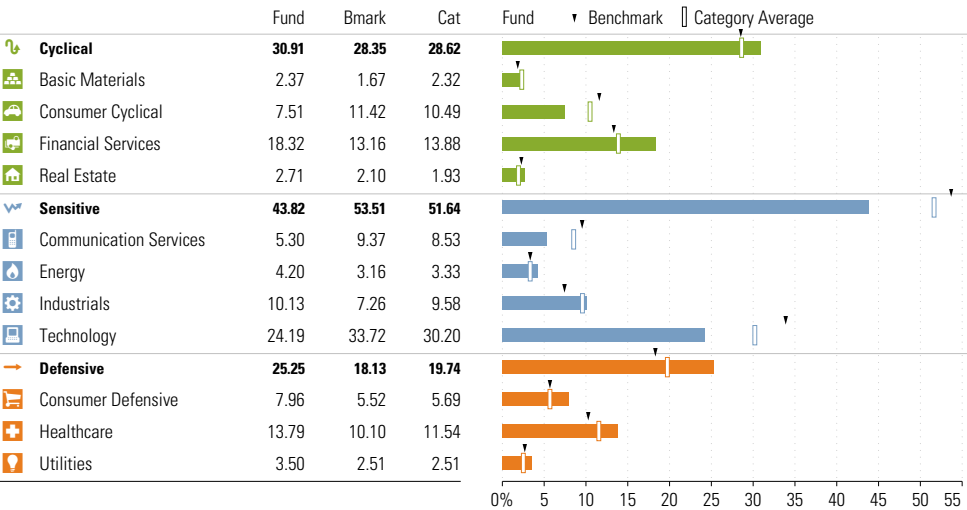
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 190

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BlackRock High Yield Instl BHYIX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofA US High Yield TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

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

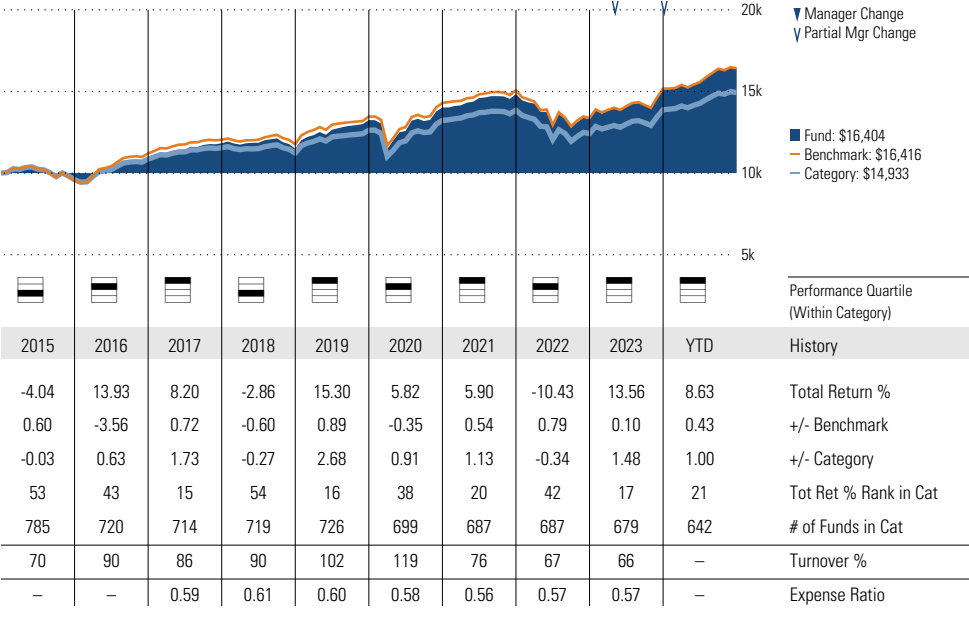
Morningstar Investment Management LLC Analysis

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

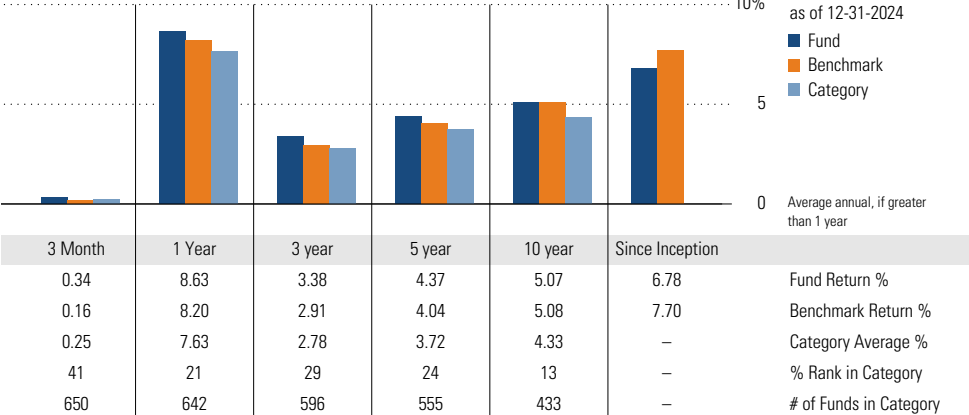
ESG Metrics

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

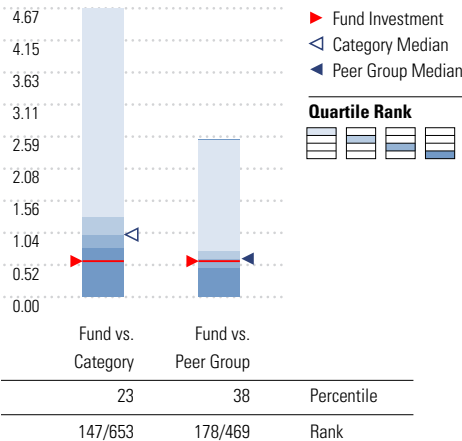
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.49	—	0.07
Beta	0.99	—	0.89
R-Squared	99.49	—	94.59
Standard Deviation	8.50	8.57	7.82
Sharpe Ratio	-0.06	-0.11	-0.15
Tracking Error	0.62	—	1.88
Information Ratio	0.77	—	-0.35
Up Capture Ratio	100.36	—	88.99
Down Capture Ratio	95.82	—	88.25

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.23	—	3.17
Avg Eff Maturity	4.01	—	4.79

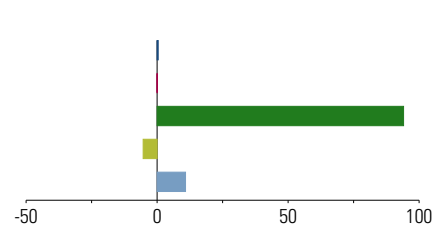
BlackRock High Yield Instl BHYIX

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

Style Analysis as of 12-31-2024



Asset Allocation as of 12-31-2024



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	2.66	—	1.63
AA	0.00	—	0.66
A	0.00	—	0.43
BBB	3.59	—	6.44
BB	29.52	—	33.37
B	46.97	—	31.89
Below B	15.56	—	22.49
Not Rated	1.70	—	3.09

Sector Weighting as of 12-31-2024

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Government	0.34	—	2.35			
Treasury	0.00	—	0.86			
Inflation — Protected	0.00	—	0.00			
Agency/Quasi Agency	0.00	—	0.00			
Other Government Related	0.34	—	1.49			
Corporate	92.56	—	90.19			
Corporate Bond	80.09	—	87.28			
Bank Loan	8.93	—	1.88			
Convertible	1.44	—	0.57			
Preferred	2.10	—	0.46			
Securitized	0.09	—	1.25			
Agency MBS Pass-Through	0.00	—	0.11			
Agency MBS ARM	0.00	—	0.00			
Agency MBS CMO	0.00	—	0.07			
Non-Agency Residential MBS	0.00	—	0.03			
Commercial MBS	0.00	—	0.07			
Asset-Backed	0.09	—	0.97			
Covered Bond	0.00	—	0.00			
Municipal	0.00	—	0.04			
Cash & Equivalents	3.94	—	5.33			
Other	3.07	—	0.83			

Top 10 Holdings as of 12-31-2024

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

Total Holdings 1554

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Invesco Balanced-Risk Commodity Strat R6 IBRFX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Portfolio Manager(s)

Scott Hixon since 11-2010
Scott Wolle since 11-2010
Chris Devine since 11-2010
John Burrello since 12-2024

Quantitative Screens

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

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

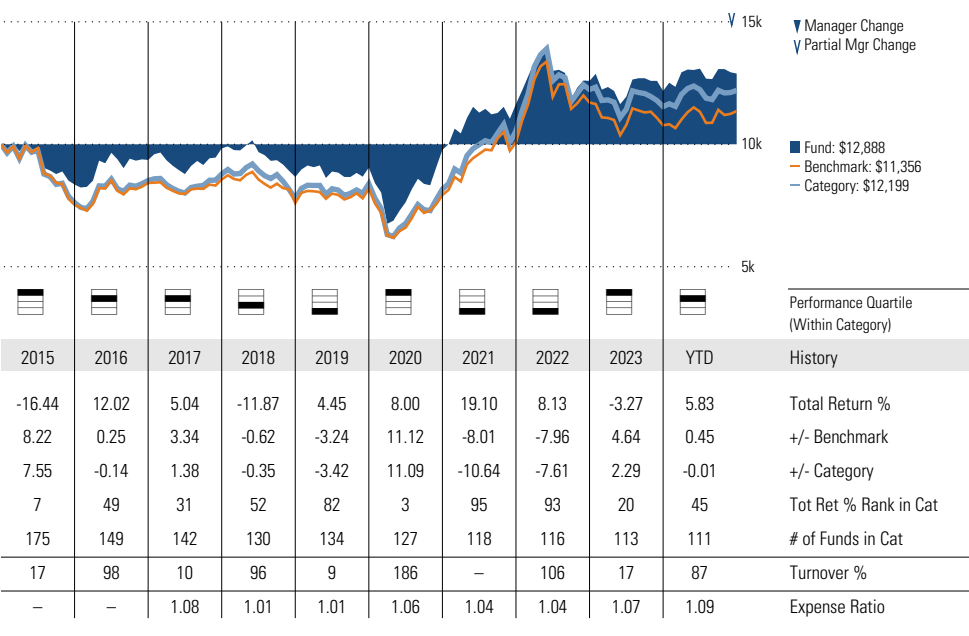
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.14 is 12.87% higher than the Commodities Broad Basket category average.

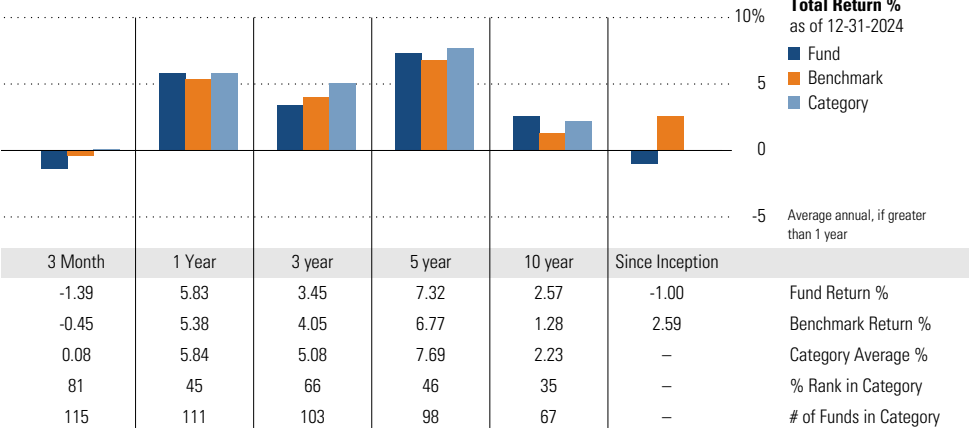
Morningstar Investment Management LLC Analysis

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

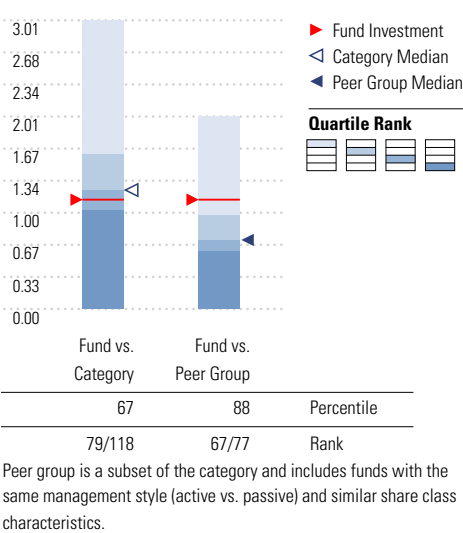
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.52	—	0.68
Beta	0.70	—	0.94
R-Squared	80.88	—	87.54
Standard Deviation	11.28	14.53	14.58
Sharpe Ratio	-0.01	0.06	0.08
Tracking Error	6.60	—	4.77
Information Ratio	-0.09	—	-0.10
Up Capture Ratio	65.85	—	90.10
Down Capture Ratio	62.01	—	85.87

Portfolio Metrics

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

Invesco Balanced-Risk Commodity Strat R6 IBRFX

Morningstar Category
Commodities Broad Basket

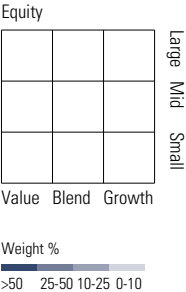
Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 12-31-2024

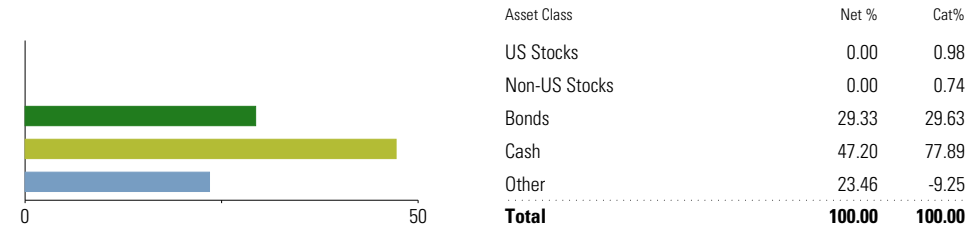
Morningstar Style Box™



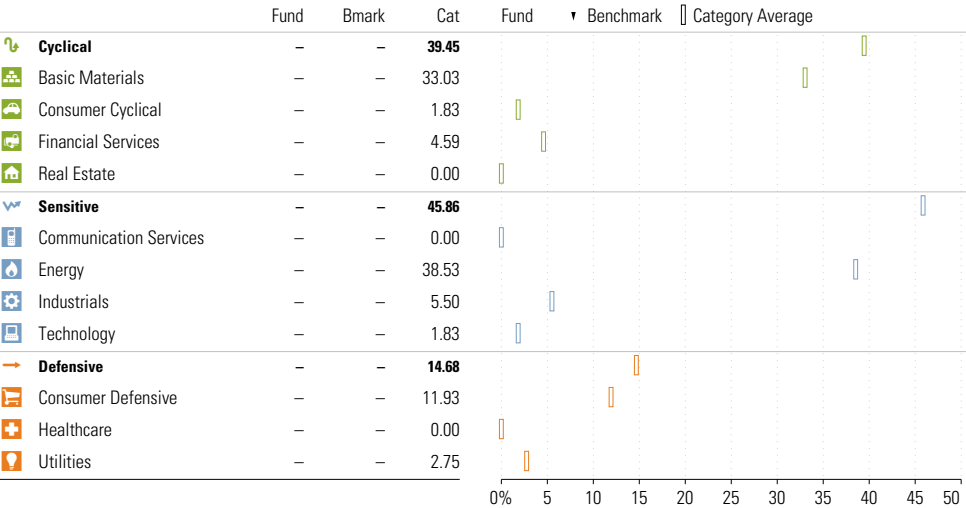
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 11 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Invesco Shrt-Trm Inv Treasury Instl	27.72	27.72	-	-
⊕ Invesco Cayman Commodity Fund Iii Hf Hedge	23.46	51.19	-	-
⊖ Invesco Shrt-Trm Inv Gov&Agcy Instl	15.00	66.19	-	-
United States Treasury Notes 4.49725%	6.97	73.15	-	-
Bank of Montreal 0.1%	6.80	79.96	-	-
United States Treasury Notes 4.59225%	6.71	86.67	-	-
United States Treasury Notes 4.52925%	6.63	93.29	-	-
Barclays Bank plc 0.1%	3.17	96.46	-	-
Royal Bk Cda Medium Term Sr Bk Nts 144A 0.1%	2.23	98.69	-	-
Societe Generale S.A. 0.1%	2.11	100.81	-	-
⊖ Usd Currency Cash	0.81	101.61	-	-

Total Holdings 11

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan US Equity R6 JUEMX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Scott Davis since 08-2014
Shilpee Raina since 11-2021

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 10.38 years.
- ✗ **Style:** The fund has landed in its primary style box — Large Blend — 43.75 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.44 is 39.73% lower than the Large Blend category average.

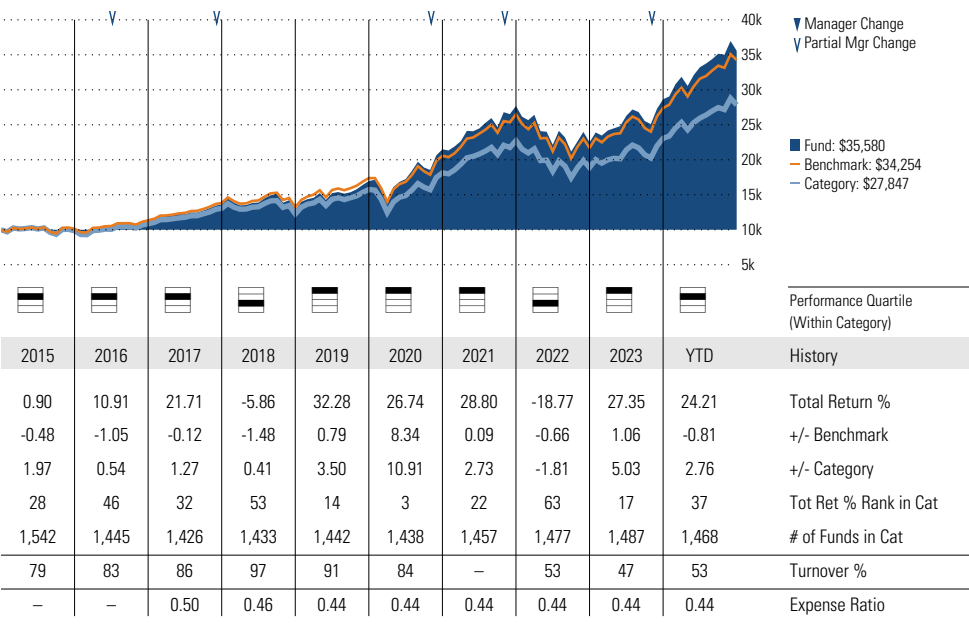
Morningstar Investment Management LLC Analysis

The fund fails our style consistency screen as, similar to the broad market and peers, it plots on the border with growth. We are not concerned with this screen failure.

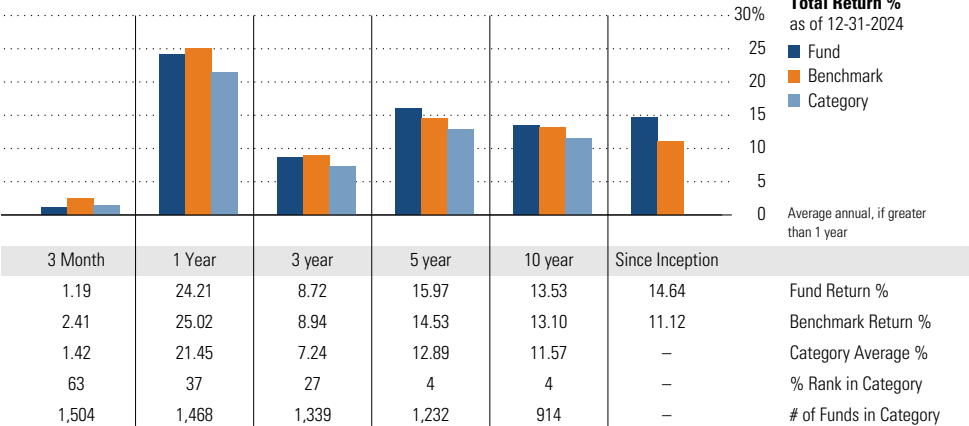
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022

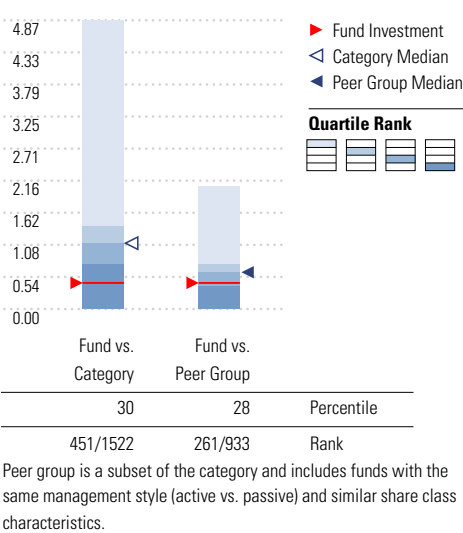
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.00	—	-1.12
Beta	0.97	—	0.95
R-Squared	98.72	—	94.60
Standard Deviation	17.06	17.40	16.91
Sharpe Ratio	0.33	0.34	0.25
Tracking Error	1.98	—	3.56
Information Ratio	-0.11	—	-1.26
Up Capture Ratio	97.61	—	92.39
Down Capture Ratio	97.72	—	96.94

Portfolio Metrics

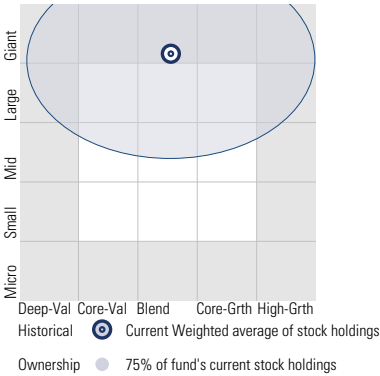
	Fund	Bmark	Cat
Price/Earnings Ratio	28.41	27.14	27.37
Price/Book Ratio	5.27	4.77	4.95
Geom Avg Mkt Cap \$B	409.38	362.17	383.78
ROE	34.62	33.88	32.35

JPMorgan US Equity R6 JUEMX

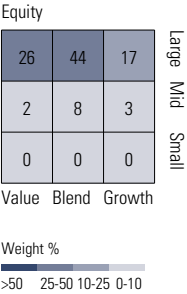
Morningstar Category Large Blend
Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2024

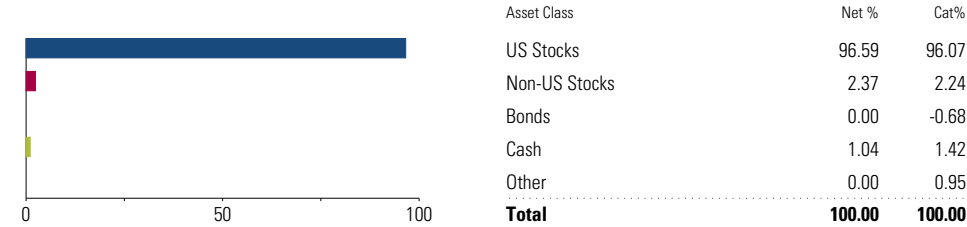
Morningstar Style Box™



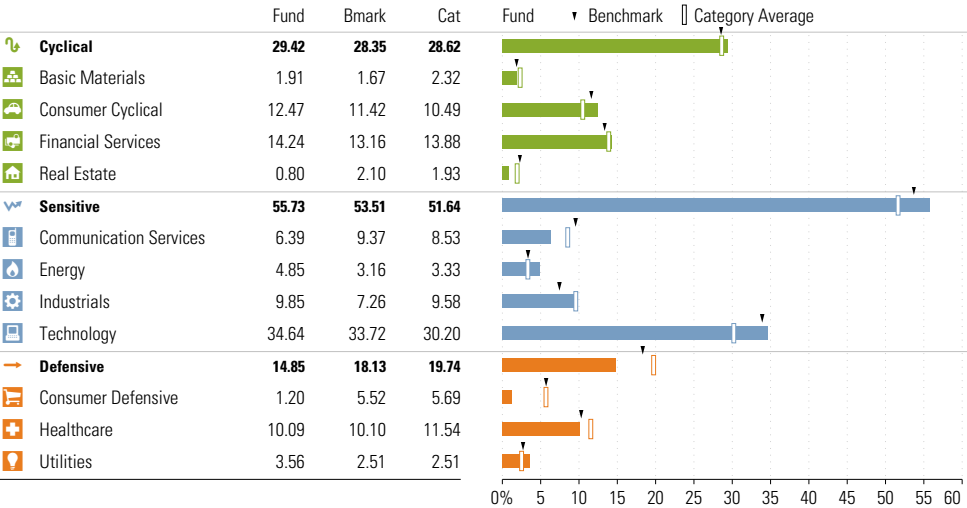
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Microsoft Corp	8.52	8.52	12.91	Technology
⊖ Apple Inc	8.03	16.55	30.58	Technology
⊖ NVIDIA Corp	7.23	23.78	171.24	Technology
⊖ Amazon.com Inc	4.80	28.57	44.39	Consumer Cyclical
⊕ Meta Platforms Inc Class A	3.54	32.12	—	Communication Svc
⊕ Wells Fargo & Co	3.06	35.18	45.75	Financial Services
⊖ Alphabet Inc Class A	2.78	37.96	35.94	Communication Svc
⊕ Broadcom Inc	2.77	40.73	—	Technology
⊕ Baker Hughes Co Class A	2.58	43.31	—	Energy
⊖ Mastercard Inc Class A	2.55	45.85	24.08	Financial Services
⊖ Lowe's Companies Inc	2.36	48.22	12.92	Consumer Cyclical
⊖ American Express Co	2.31	50.53	59.86	Financial Services
⊖ Exxon Mobil Corp	2.22	52.75	11.43	Energy
⊖ NXP Semiconductors NV	2.00	54.75	—	Technology
⊖ Eaton Corp PLC	1.98	56.73	39.37	Industrials

Total Holdings 53

⊕ Increase ⊖ Decrease ✱ New to Portfolio

MFS Research International R4 MRSJX

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

Portfolio Manager(s)

Nicholas Paul since 12-2022
John Mahoney since 01-2024

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.
- ✗ **Management:** The fund's management team has been in place for less than three years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.73 is 10.98% lower than the Foreign Large Blend category average.

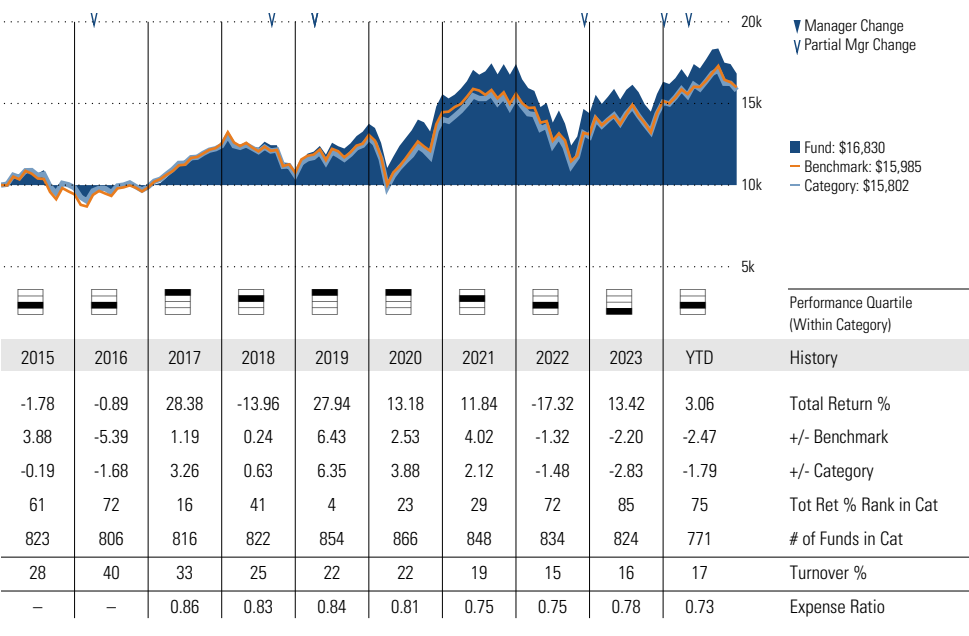
Morningstar Investment Management LLC Analysis

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

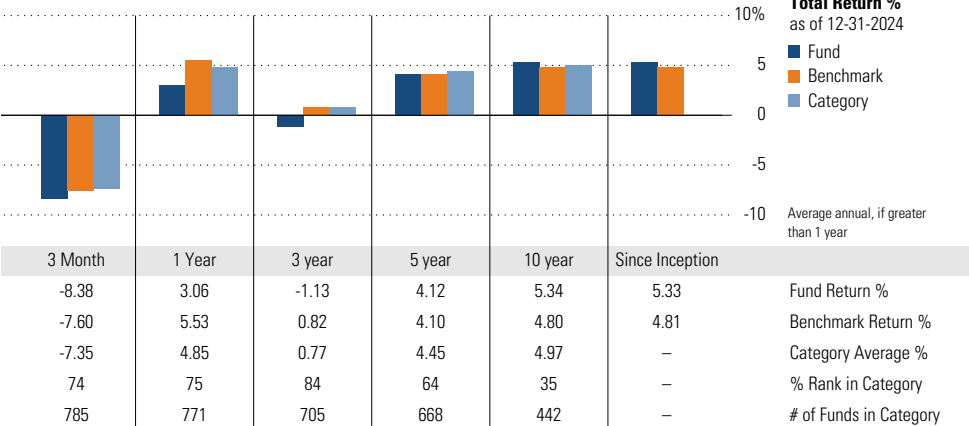
ESG Metrics

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

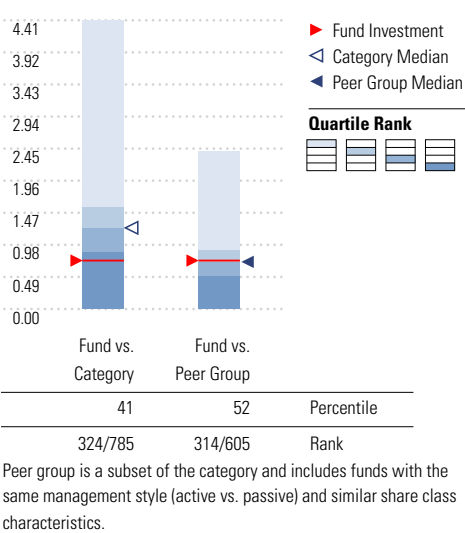
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

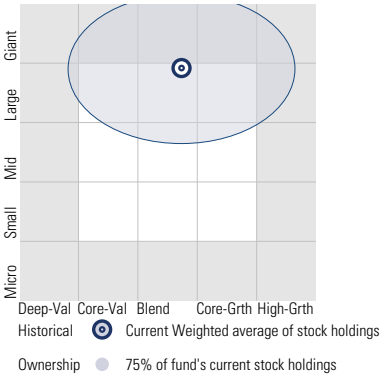
	Fund	Bmark	Cat
Price/Earnings Ratio	17.54	15.67	15.97
Price/Book Ratio	2.08	1.81	1.85
Geom Avg Mkt Cap \$B	52.06	50.11	58.43
ROE	18.97	16.85	17.76

MFS Research International R4 MRSJX

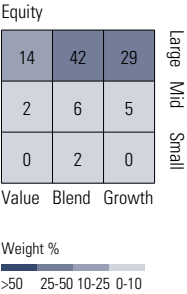
Morningstar Category Foreign Large Blend
Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 12-31-2024

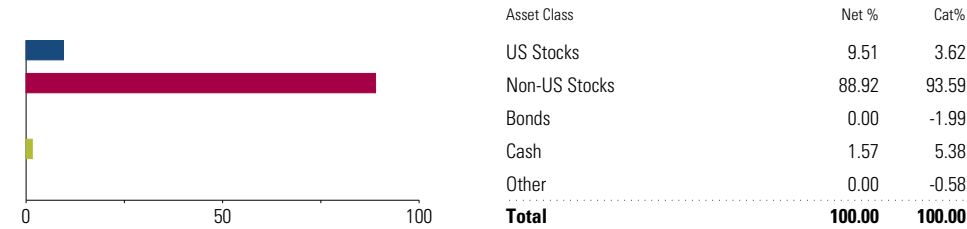
Morningstar Style Box™



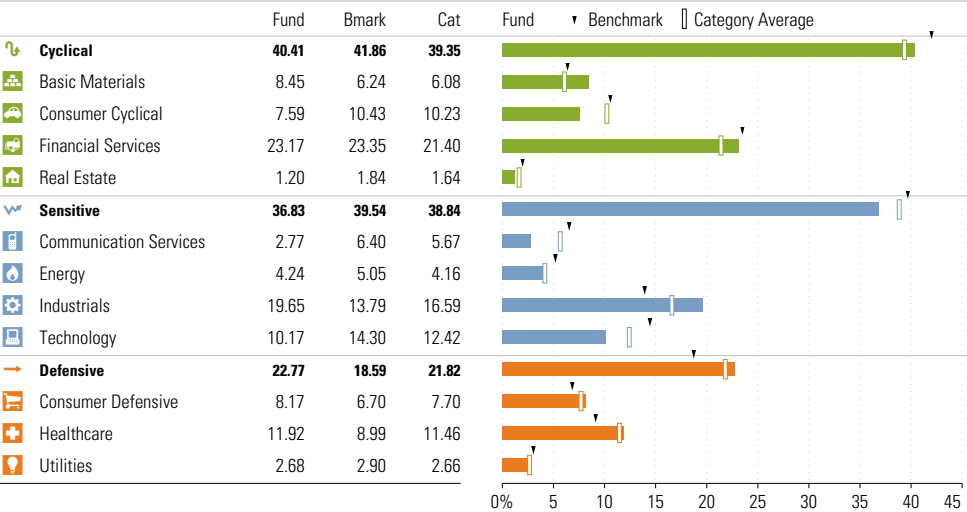
Style Breakdown



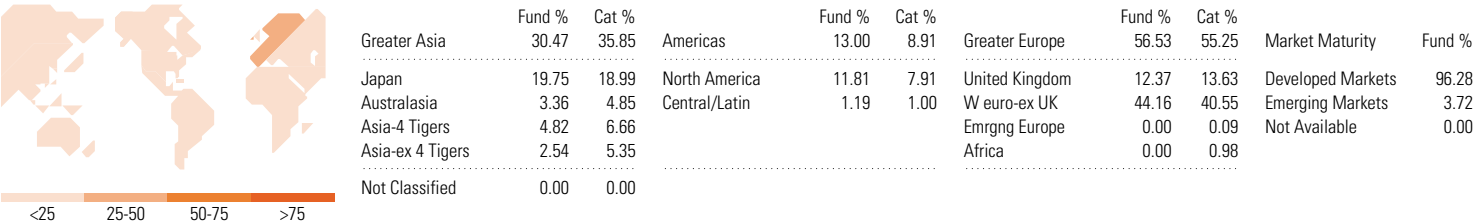
Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 117

⊕ Increase ⊖ Decrease ✨ New to Portfolio

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 17.77 years.

Style Consistency is not calculated for Fixed Income funds.

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

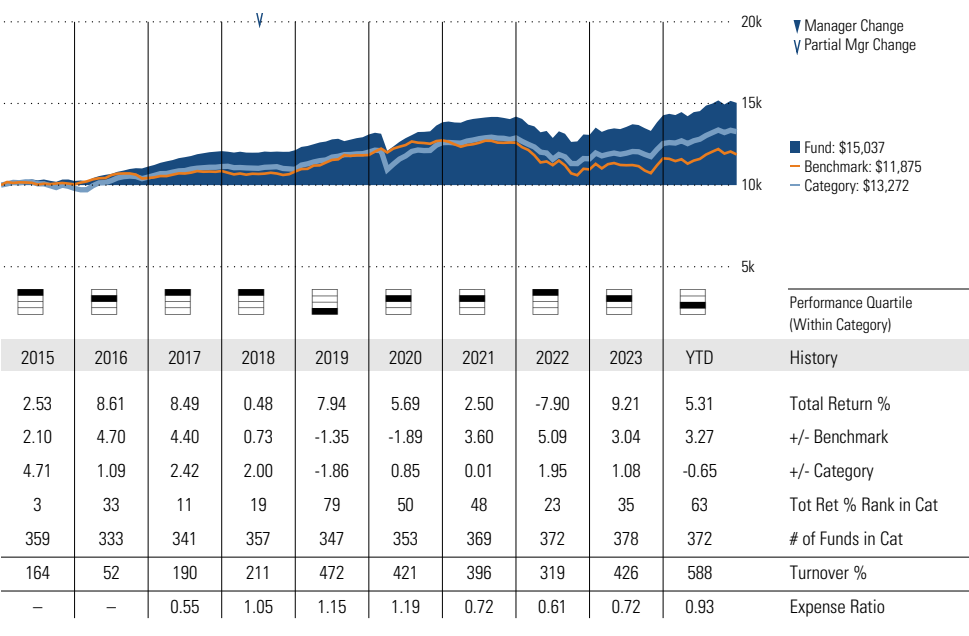
Morningstar Investment Management LLC Analysis

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

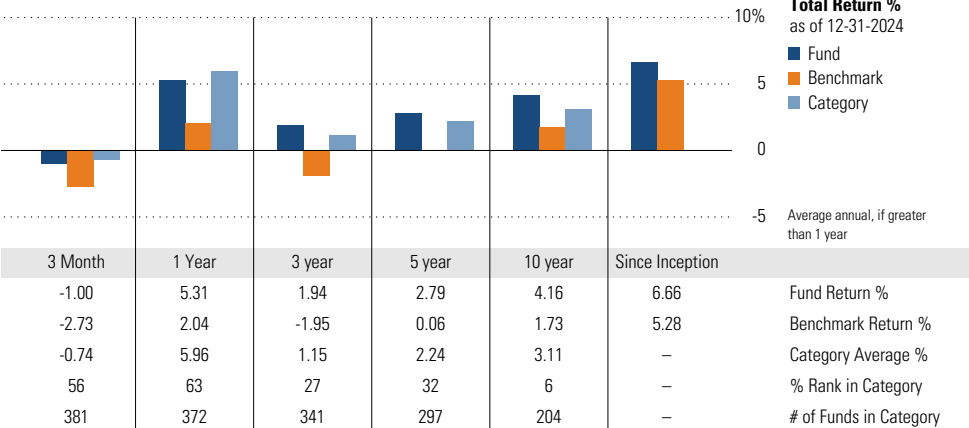
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024

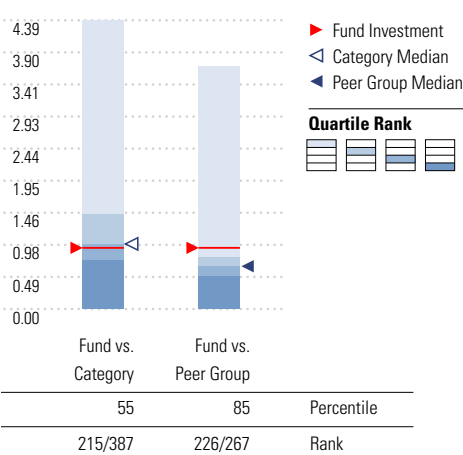
Growth of \$10,000



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

Portfolio Metrics

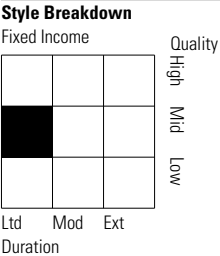
	Fund	Bmark	Cat
Avg Eff Duration	3.28	4.55	3.63
Avg Eff Maturity	4.34	7.69	6.94

PIMCO Income I2 PONPX

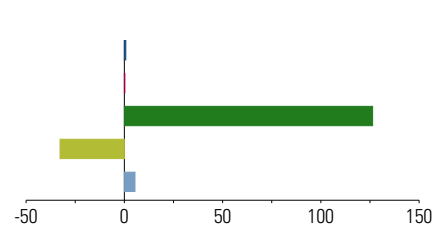
Morningstar Category
Multisector Bond

Morningstar Index
Bloomberg US Universal TR USD

Style Analysis as of 12-31-2024



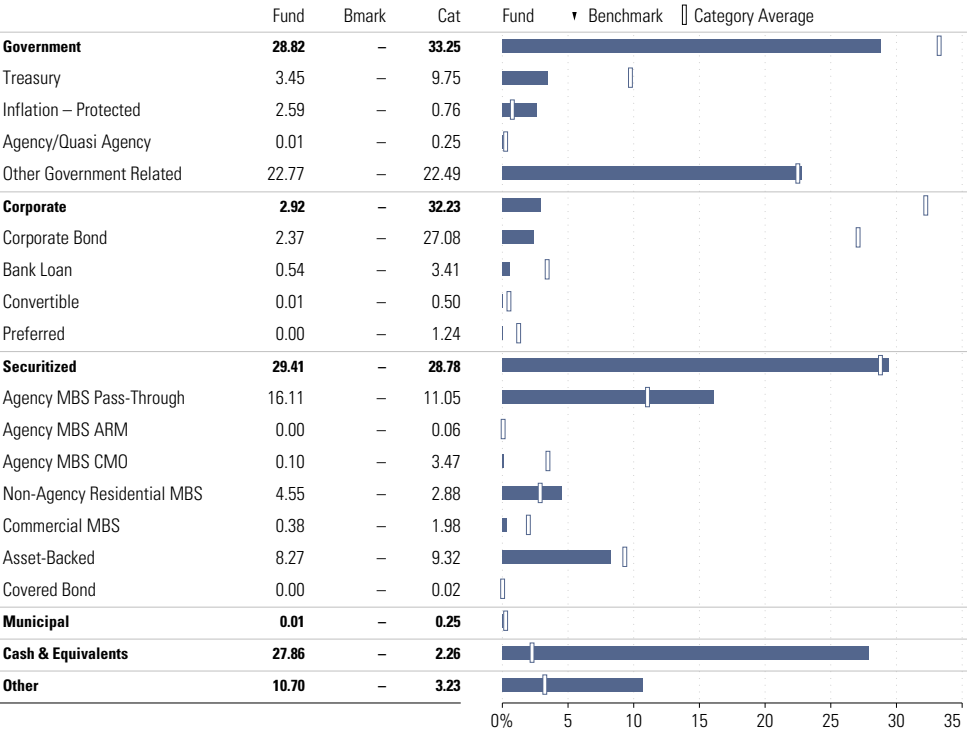
Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	0.74	0.97
Non-US Stocks	0.26	0.12
Bonds	126.34	103.97
Cash	-32.73	-6.43
Other	5.41	1.37
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	65.68	67.64	19.60
AA	7.61	3.23	11.55
A	3.48	10.03	10.27
BBB	10.43	10.89	20.92
BB	4.61	3.19	15.68
B	2.94	3.64	9.99
Below B	5.25	1.38	3.59
Not Rated	0.00	0.00	8.40

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✱ Offset: Unsettled Trades	—	55.48	55.48	—
⊕ Federal National Mortgage Association 6%	11-2054	14.31	69.79	—
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Receive	05-2025	12.79	82.58	—
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Pay	05-2025	12.77	95.34	—
✱ Cash Offset	—	11.39	106.73	—
⊕ Federal National Mortgage Association 6.5%	10-2054	10.03	116.76	—
⊕ 5 Year Treasury Note Future Dec 24	01-2025	8.99	125.75	—
⊕ Federal National Mortgage Association 5.5%	11-2054	7.81	133.56	—
⊕ RFR USD SOFR/4.90000 06/06/23-2Y LCH Receive	06-2025	7.55	141.11	—
⊕ RFR USD SOFR/4.90000 06/06/23-2Y LCH Pay	06-2025	7.52	148.63	—

Total Holdings 9857

⊕ 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 10.27 years.

Style Consistency is not calculated for Fixed Income funds.

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

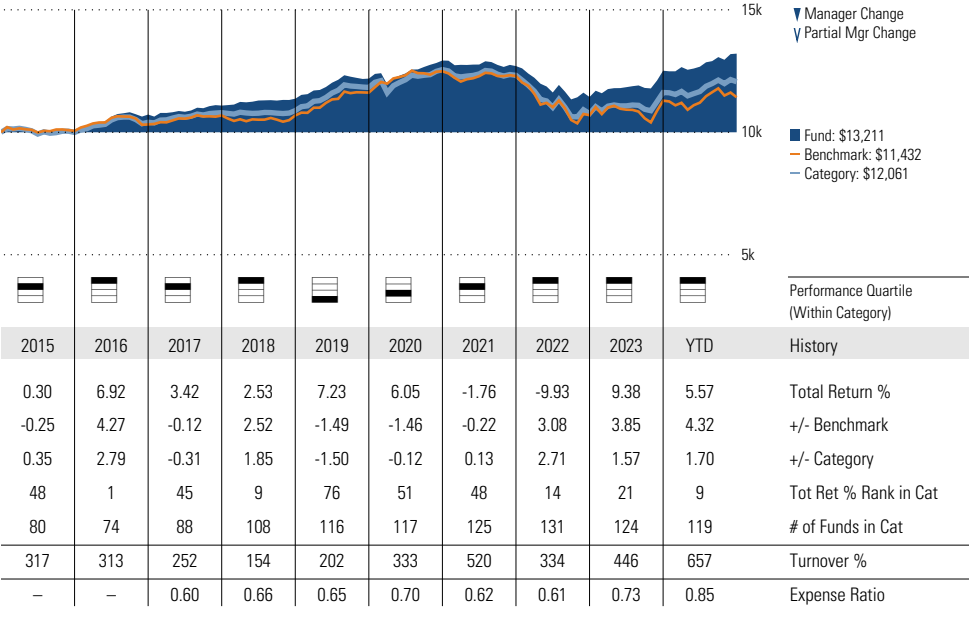
Morningstar Investment Management LLC Analysis

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

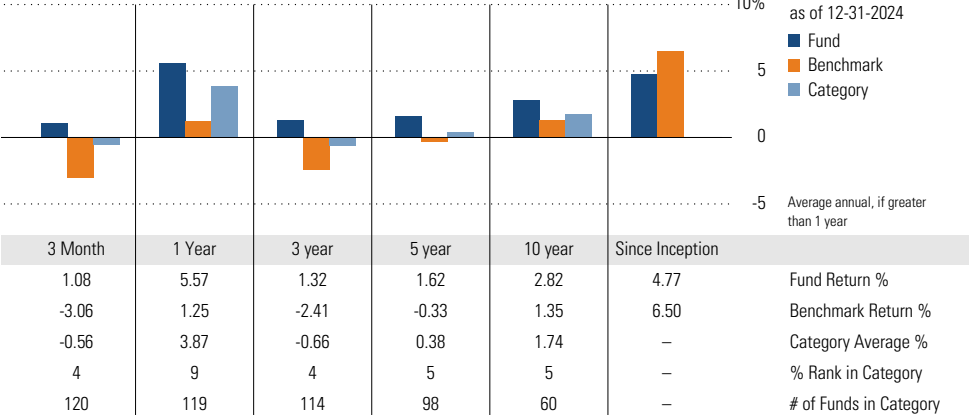
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024

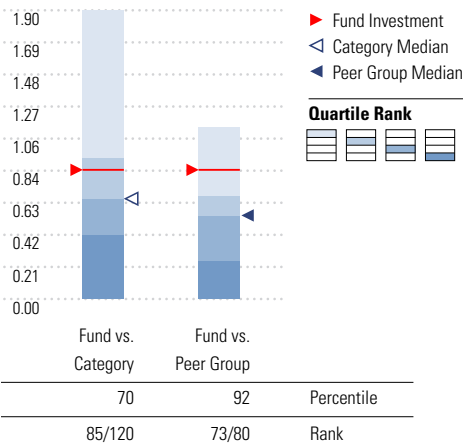
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

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

Morningstar Category
Global Bond-USD Hedged

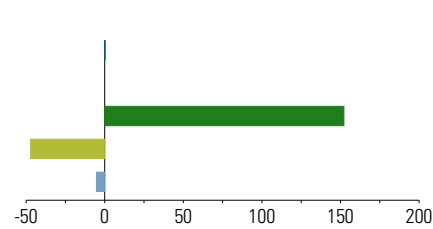
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

Style Breakdown



Asset Allocation as of 12-31-2024

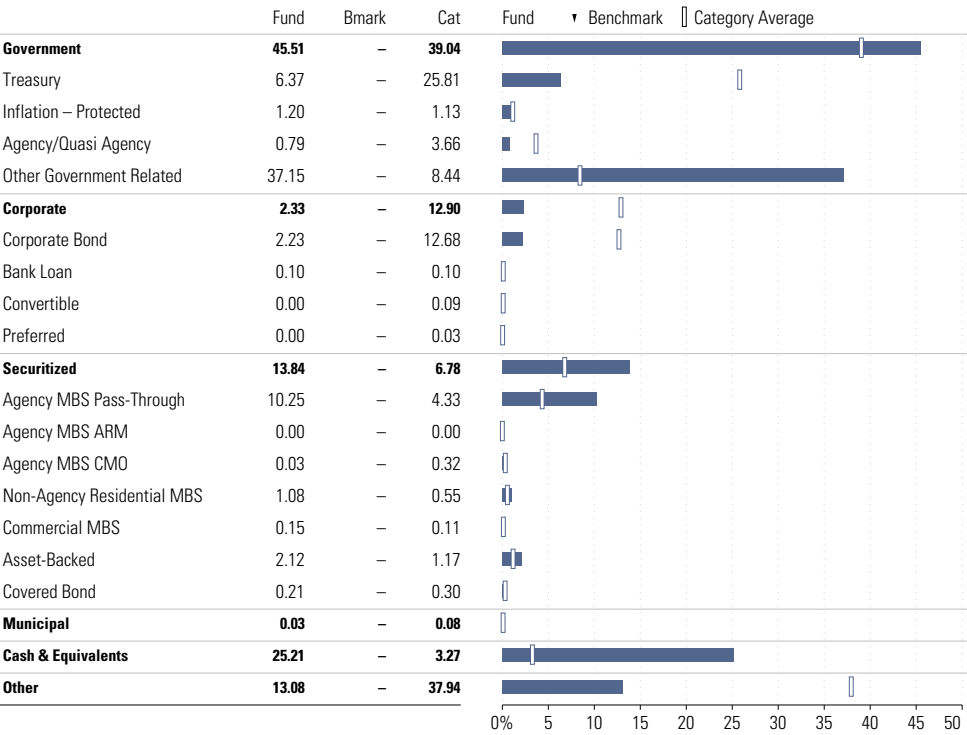


Asset Class	Net %	Cat%
US Stocks	0.15	0.00
Non-US Stocks	0.00	0.00
Bonds	152.15	83.89
Cash	-47.08	15.99
Other	-5.22	0.13
Total	100.00	100.00

Credit Rating Breakdown

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

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 1602

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Short-Term I2 PTSPX

Morningstar Category
Ultrashort Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

Jerome Schneider since 01-2011
Nathan Chiaverini since 04-2019
Andrew Wittkop since 04-2019

Quantitative Screens

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

✔ *Management:* The fund's management has been in place for 14.01 years.

Style Consistency is not calculated for Fixed Income funds.

✗ *Net Expense:* The fund's expense ratio of 0.58 is 45% higher than the Ultrashort Bond category average.

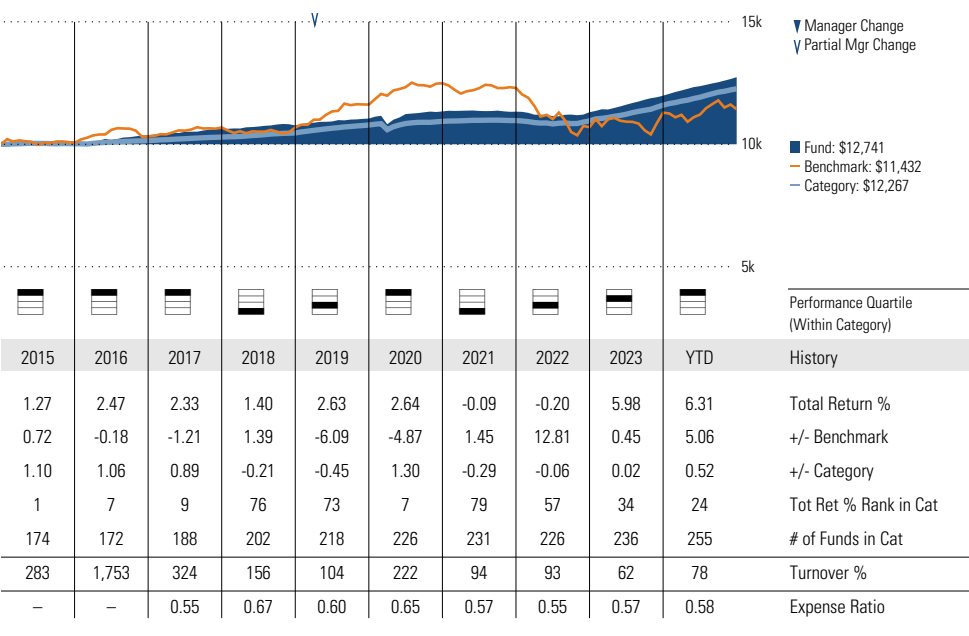
Morningstar Investment Management LLC Analysis

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

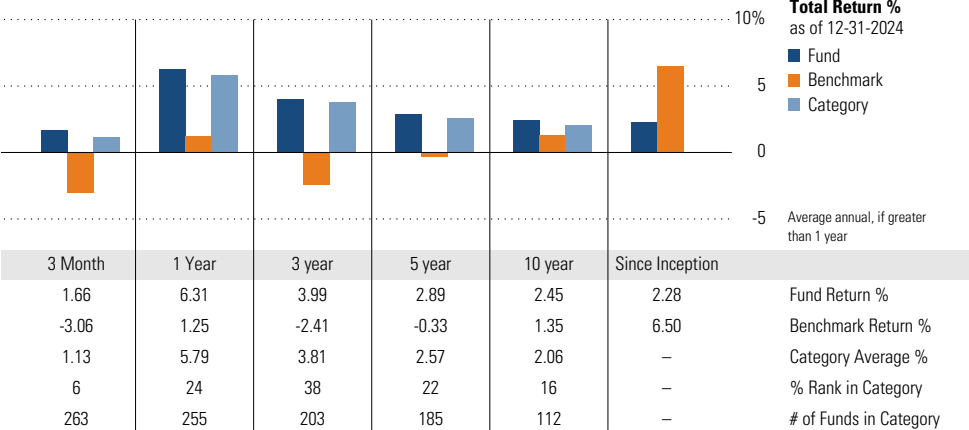
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	10-31-2024

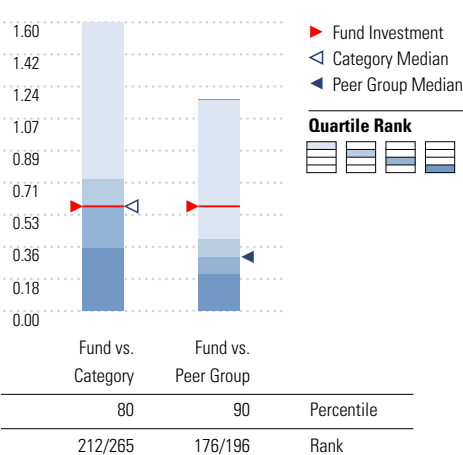
Growth of \$10,000



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	3.96	-	3.95
Beta	0.02	-	0.10
R-Squared	1.50	-	37.67
Standard Deviation	1.25	7.83	1.24
Sharpe Ratio	-0.29	-0.82	-0.63
Tracking Error	7.78	-	7.15
Information Ratio	0.82	-	0.87
Up Capture Ratio	16.30	-	24.45
Down Capture Ratio	-17.80	-	-9.67

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.21	4.43	1.10
Avg Eff Maturity	0.16	-	1.85

PIMCO Short-Term I2 PTSPX

Morningstar Category
Ultrashort Bond

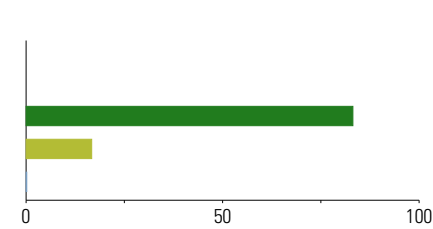
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

Style Breakdown



Asset Allocation as of 12-31-2024

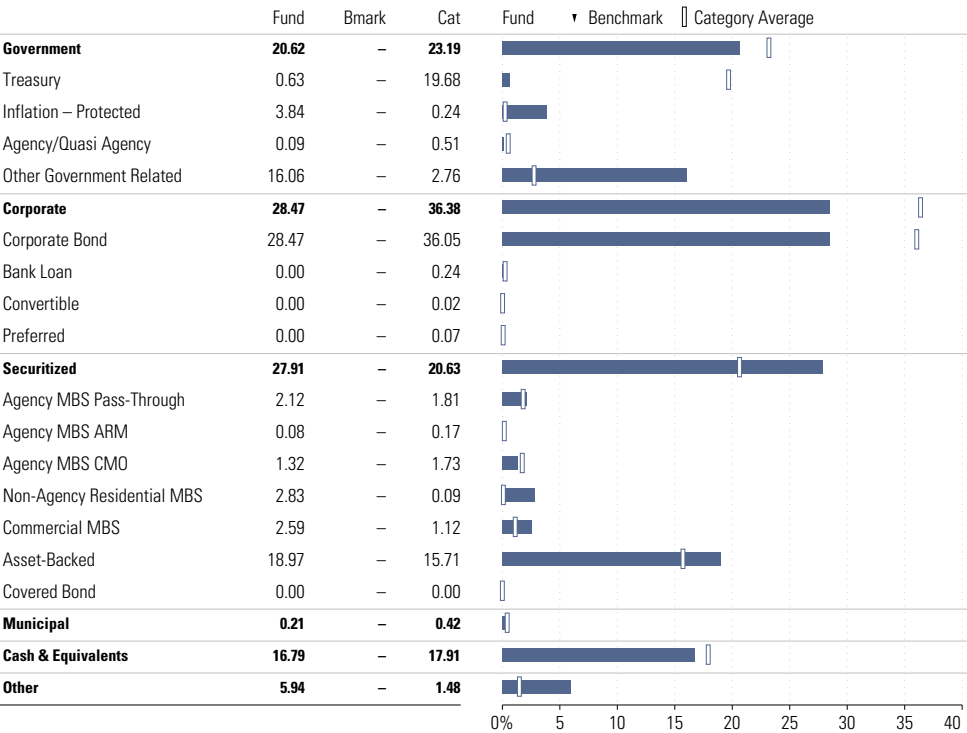


Asset Class	Net %	Cat%
US Stocks	0.00	3.84
Non-US Stocks	0.00	0.05
Bonds	83.15	66.94
Cash	16.69	28.81
Other	0.17	0.36
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	47.32	3.53	34.94
AA	10.69	74.59	17.54
A	25.16	10.82	16.20
BBB	15.53	8.32	17.88
BB	0.69	0.28	2.21
B	0.43	0.00	1.00
Below B	0.18	0.00	0.34
Not Rated	0.00	2.46	9.90

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 3 Month SOFR Future Sept 24	12-2024	17.31	17.31	—
⊖ 2 Year Treasury Note Future Dec 24	01-2025	14.54	31.85	—
⊖ 5 Year Treasury Note Future Dec 24	01-2025	4.89	36.74	—
⊕ RFR GBP SONIO/4.00000 09/18/24-5Y LCH Receive	09-2029	4.78	41.53	—
⊕ RFR GBP SONIO/4.00000 09/18/24-5Y LCH Pay	09-2029	4.71	46.23	—
⊕ U S TREASURY REPO	10-2024	4.61	50.84	—
⊖ United States Treasury Notes 3.75%	08-2026	4.59	55.44	—
⊖ AUSTRALIAN DOLLARS Sold	11-2024	4.36	59.80	—
⊖ AUSTRALIAN DOLLARS Purchased	11-2024	4.36	64.15	—
✱ Cash Offset	—	4.07	68.22	—

Total Holdings 1108

⊕ Increase ⊖ Decrease ✱ New to Portfolio

TCW MetWest Total Return Bd I MWTIX

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

Portfolio Manager(s)

Bryan Whalen since 12-2004
Jerry Cudzil since 09-2023
Ruben Hovhannisyan since 09-2023

Quantitative Screens

✗ **Performance:** The fund has finished in the Intermediate Core-Plus 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 20.01 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.45 is 40% lower than the Intermediate Core-Plus Bond category average.

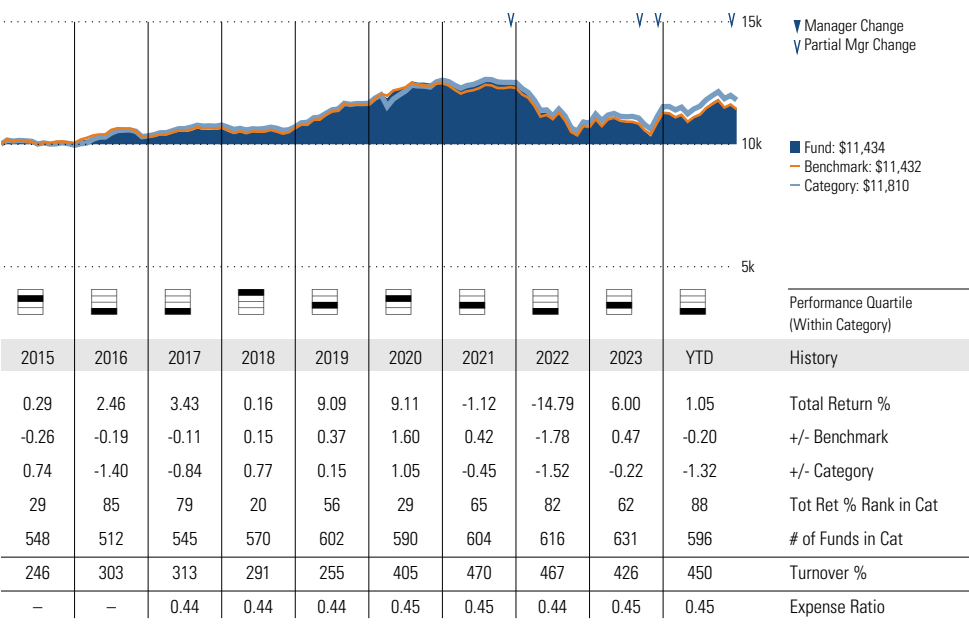
Morningstar Investment Management LLC Analysis

We placed Metropolitan West Total Return Bond on watch due to a major leadership change at TCW. The most significant changes are that veteran portfolio managers Laird Landmann and Stephen Kane will retire at the end of 2023 and 2024, respectively. These departures have the potential to materially affect this and several other TCW and Metropolitan West strategies, and we will be forming a more detailed opinion about these funds' prospects in coming quarters.

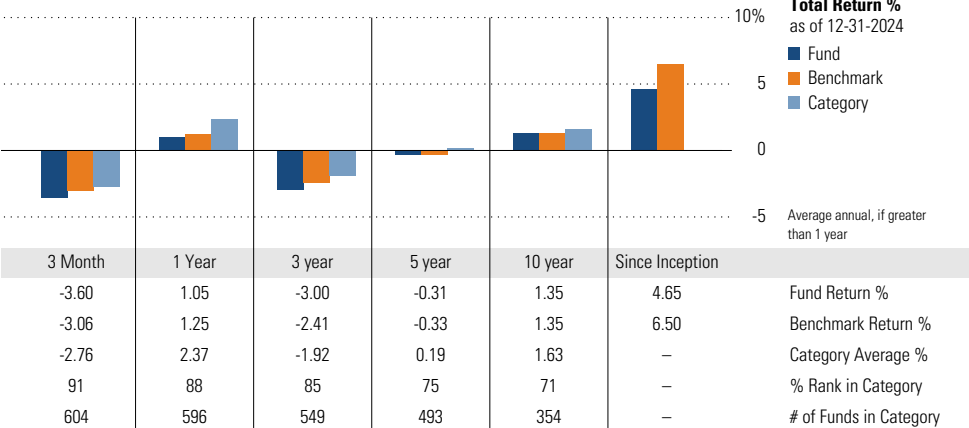
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024

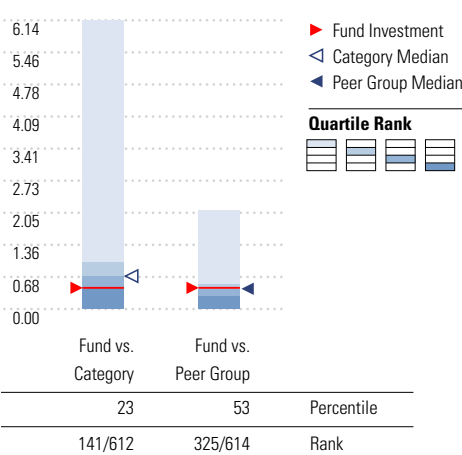
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.24	-	0.21
Beta	1.13	-	1.00
R-Squared	99.62	-	96.06
Standard Deviation	8.88	7.83	7.99
Sharpe Ratio	-0.78	-0.82	-0.78
Tracking Error	1.17	-	1.53
Information Ratio	-0.50	-	0.12
Up Capture Ratio	111.85	-	99.71
Down Capture Ratio	114.11	-	98.26

Portfolio Metrics

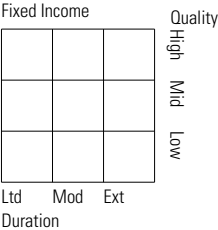
	Fund	Bmark	Cat
Avg Eff Duration	6.92	4.43	6.09
Avg Eff Maturity	7.24	-	8.89

TCW MetWest Total Return Bd I MWTIX

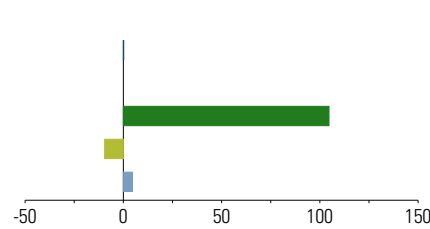
Morningstar Category Morningstar Index
Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

Style Breakdown



Asset Allocation as of 12-31-2024

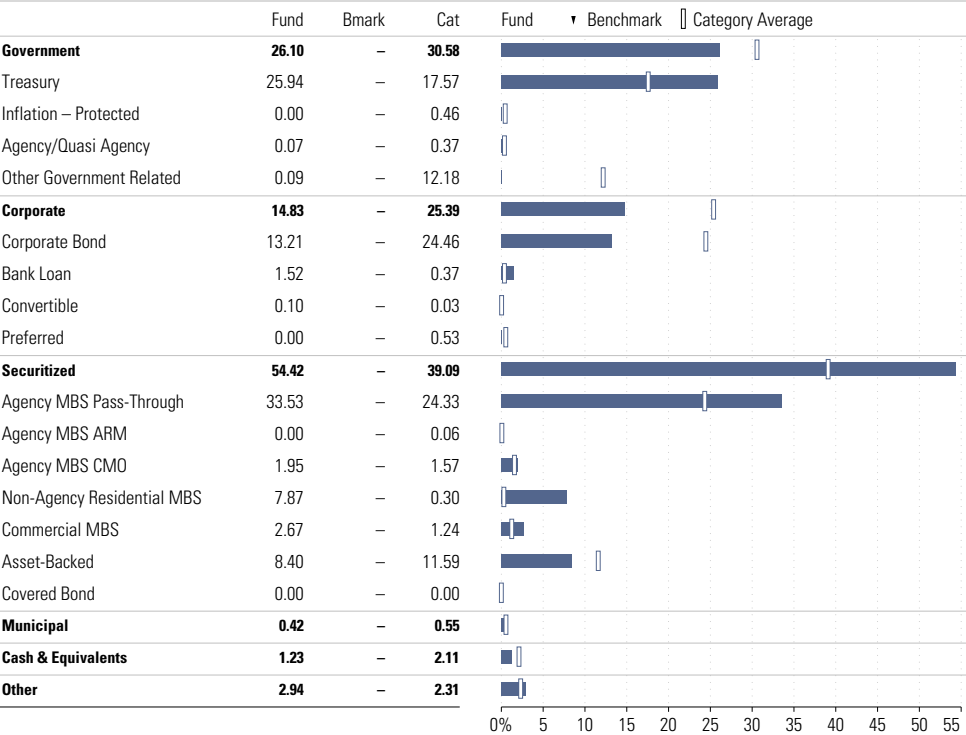


Asset Class	Net %	Cat%
US Stocks	0.20	0.10
Non-US Stocks	0.00	0.00
Bonds	104.64	105.23
Cash	-9.50	-6.07
Other	4.66	0.75
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	66.73	3.53	35.91
AA	5.06	74.59	26.52
A	7.27	10.82	11.02
BBB	11.11	8.32	16.84
BB	2.49	0.28	4.87
B	1.61	0.00	1.73
Below B	5.53	0.00	1.11
Not Rated	0.20	2.46	2.00

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✱ Cash & Cash Equivalents	—	11.04	11.04	—
⊕ United States Treasury Notes 4.125%	11-2029	8.05	19.09	—
⊕ United States Treasury Notes 4.375%	12-2029	5.20	24.29	—
⊕ United States Treasury Bonds 4.5%	11-2054	4.94	29.23	—
⊖ Tcw Fds	—	4.55	33.78	—
⊕ United States Treasury Notes 4.25%	11-2034	4.05	37.83	—
⊕ United States Treasury Bonds 4.625%	11-2044	3.73	41.56	—
Usd/Eur Fwd 20250117 955	01-2025	2.30	43.86	—
Eur/Usd Fwd 20250117 955	01-2025	2.16	46.02	—
⊖ United States Treasury Bonds 4.125%	08-2044	1.92	47.94	—

Total Holdings 1565

⊕ 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 7.09 years.
- Style:** The fund has landed in its primary style box — Large Blend — 77.14 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.04 is 94.52% lower than the Large Blend category average.

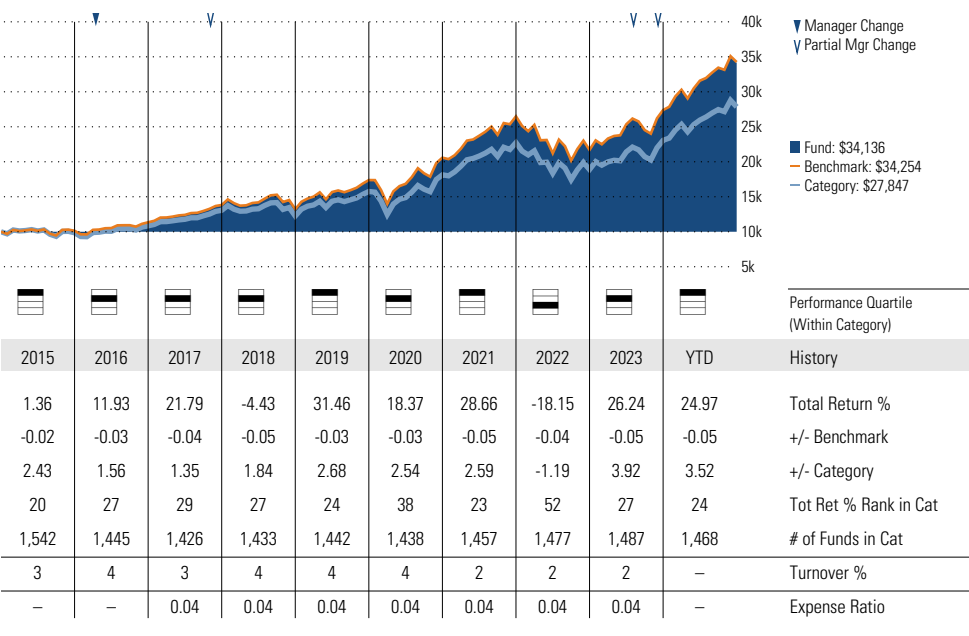
Morningstar Investment Management LLC Analysis

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

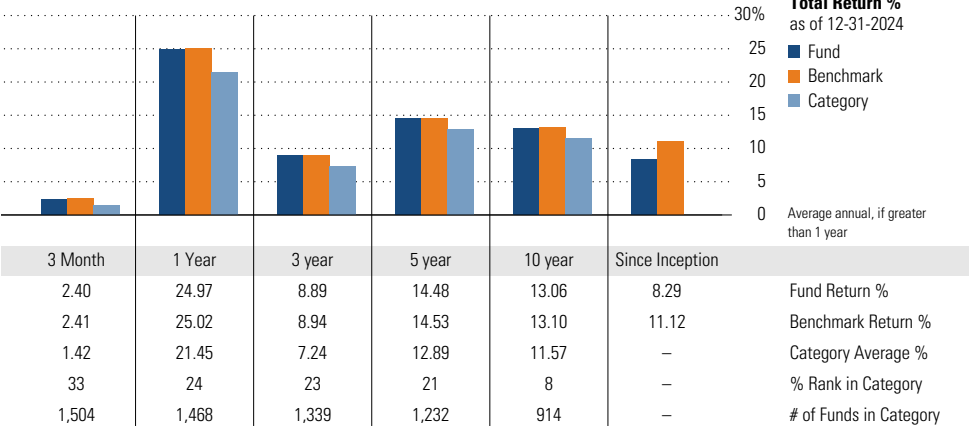
ESG Metrics

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

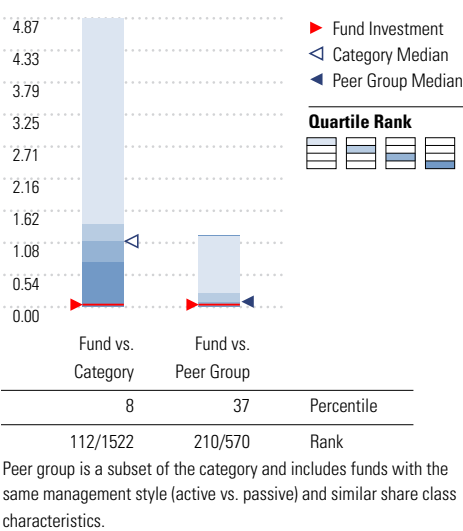
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

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

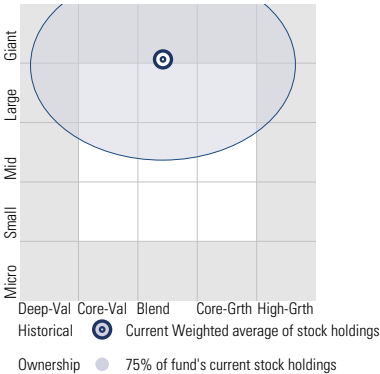
Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

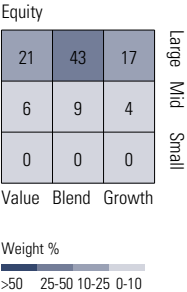
Morningstar Index
S&P 500 TR USD

Style Analysis as of 12-31-2024

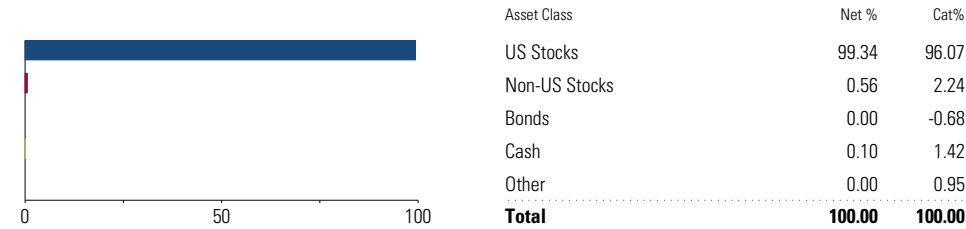
Morningstar Style Box™



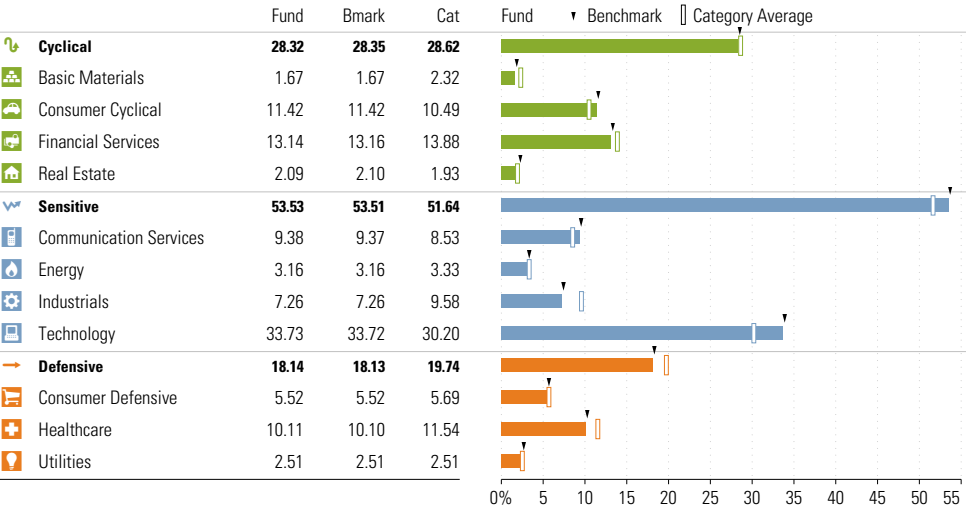
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 507

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard 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 15.02 years.
- Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.26 is 74% lower than the Foreign Large Growth category average.

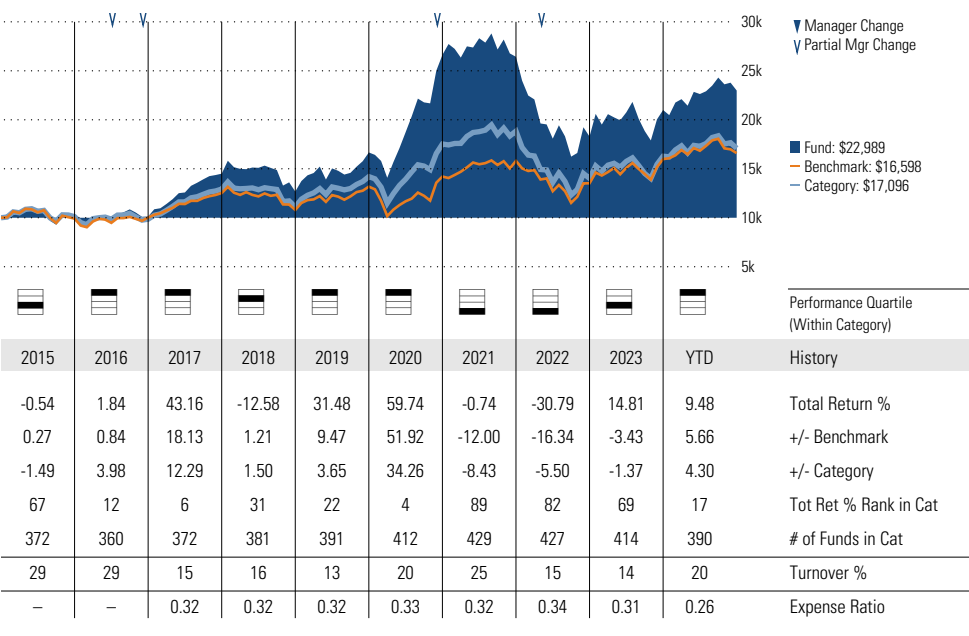
Morningstar Investment Management LLC Analysis

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

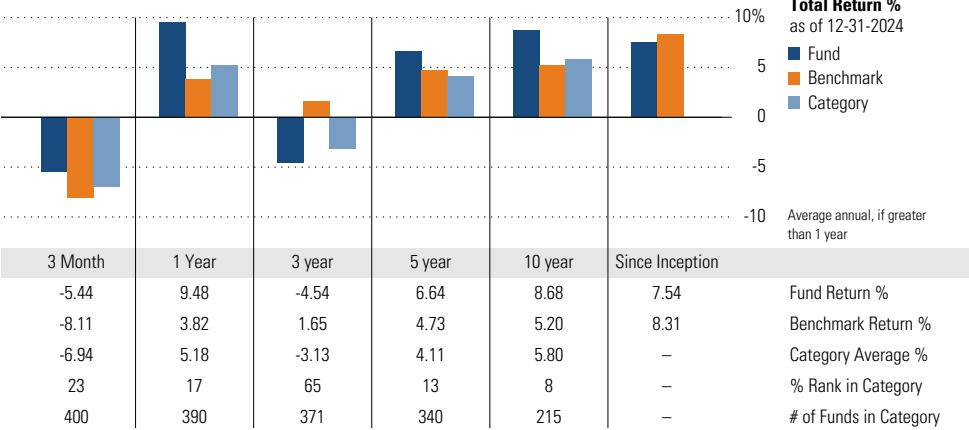
ESG Metrics

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

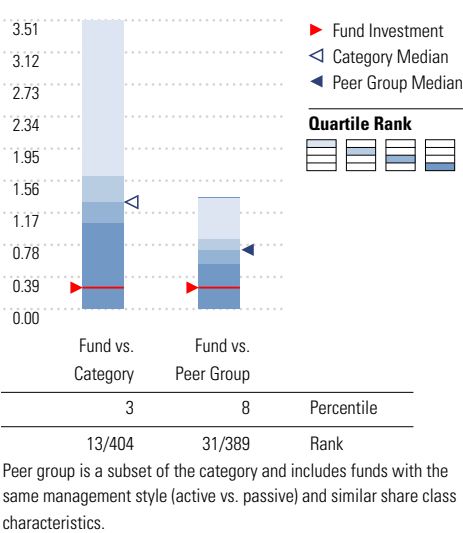
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-5.86	-	-4.61
Beta	1.23	-	1.11
R-Squared	83.22	-	87.77
Standard Deviation	22.71	16.85	19.99
Sharpe Ratio	-0.28	-0.07	-0.27
Tracking Error	10.08	-	7.35
Information Ratio	-0.61	-	-0.67
Up Capture Ratio	103.89	-	97.24
Down Capture Ratio	130.71	-	117.92

Portfolio Metrics

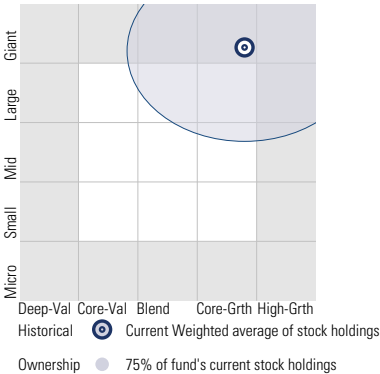
	Fund	Bmark	Cat
Price/Earnings Ratio	21.15	16.25	23.61
Price/Book Ratio	3.75	1.80	3.44
Geom Avg Mkt Cap \$B	83.48	51.93	69.18
ROE	23.70	17.02	22.03

Vanguard International Growth Adm VWILX

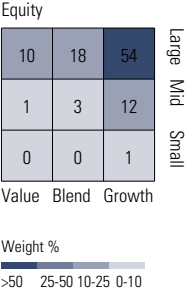
Morningstar Category Foreign Large Growth
Morningstar Index MSCI EAFE NR USD

Style Analysis as of 12-31-2024

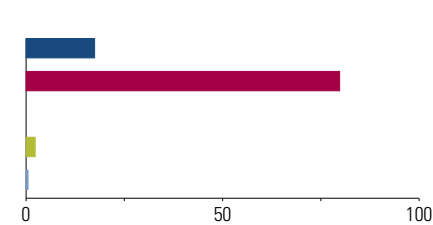
Morningstar Style Box™



Style Breakdown

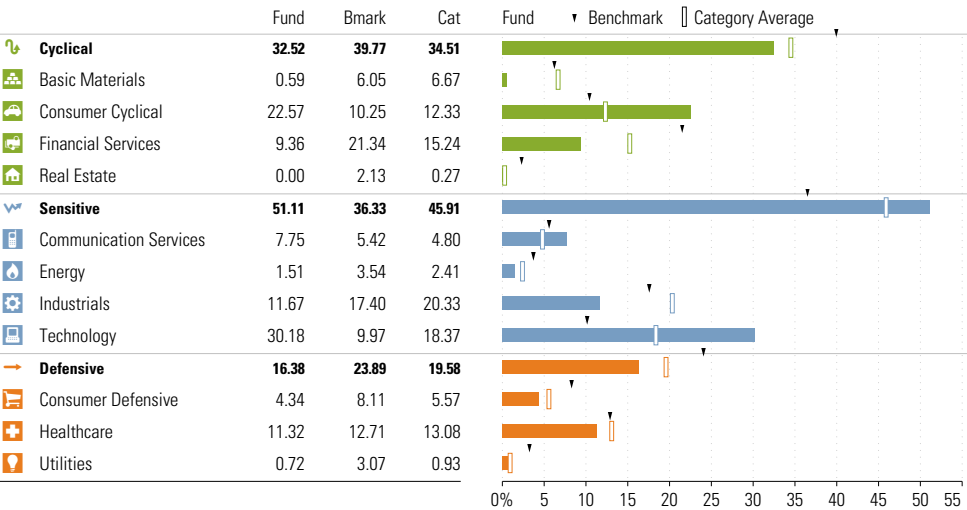


Asset Allocation as of 12-31-2024



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

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



	Fund %	Cat %		Fund %	Cat %		Fund %	Cat %		Fund %
Greater Asia	31.04	27.60	Americas	26.85	16.21	Greater Europe	42.12	56.19	Market Maturity	Fund %
Japan	6.66	13.03	North America	20.55	13.54	United Kingdom	7.99	13.58	Developed Markets	81.05
Australasia	1.63	1.43	Central/Latin	6.30	2.67	W euro-ex UK	33.87	42.24	Emerging Markets	18.95
Asia-4 Tigers	10.09	6.33				Emrgng Europe	0.00	0.02	Not Available	0.00
Asia-ex 4 Tigers	12.66	6.81				Africa	0.26	0.35		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Taiwan Semiconductor Manufacturing Co Ltd	6.48	6.48	—	Technology
⊖ MercadoLibre Inc	4.27	10.75	—	Consumer Cyclical
⊖ Spotify Technology SA	4.25	15.01	—	Communication Svc
⊖ Adyen NV	3.34	18.35	—	Technology
⊖ ASML Holding NV	2.85	21.19	—	Technology
⊕ BYD Co Ltd Class H	2.22	23.41	—	Consumer Cyclical
⊕ Sea Ltd ADR	2.17	25.58	—	Consumer Cyclical
⊖ Ferrari NV	2.13	27.71	—	Consumer Cyclical
⊖ NVIDIA Corp	2.05	29.76	171.24	Technology
⊖ Coupang Inc Ordinary Shares - Class A	2.00	31.77	—	Consumer Cyclical

Total Holdings 151

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard International Value Inv VTRIX

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

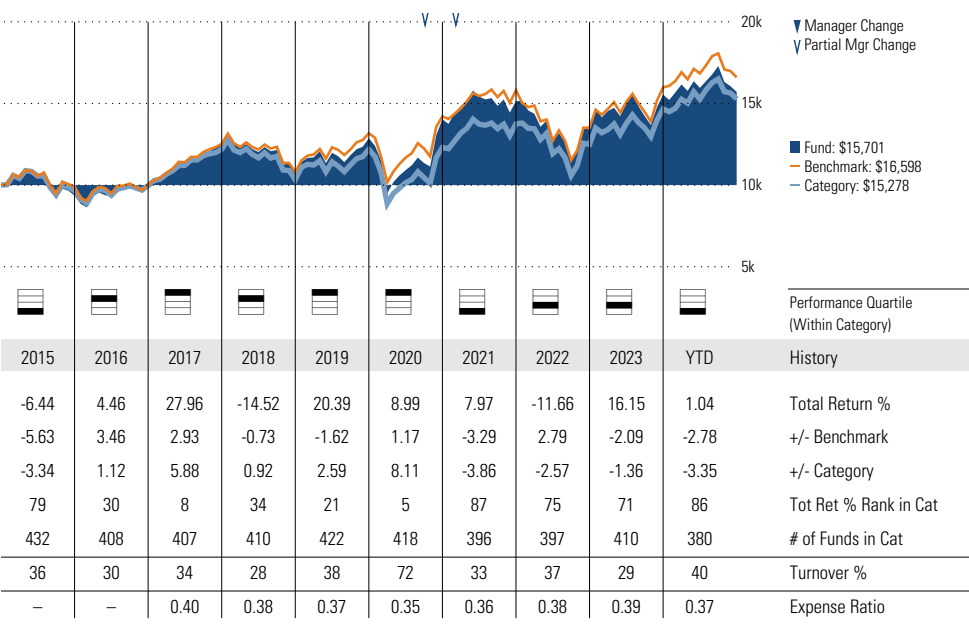
Morningstar Investment Management LLC Analysis

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

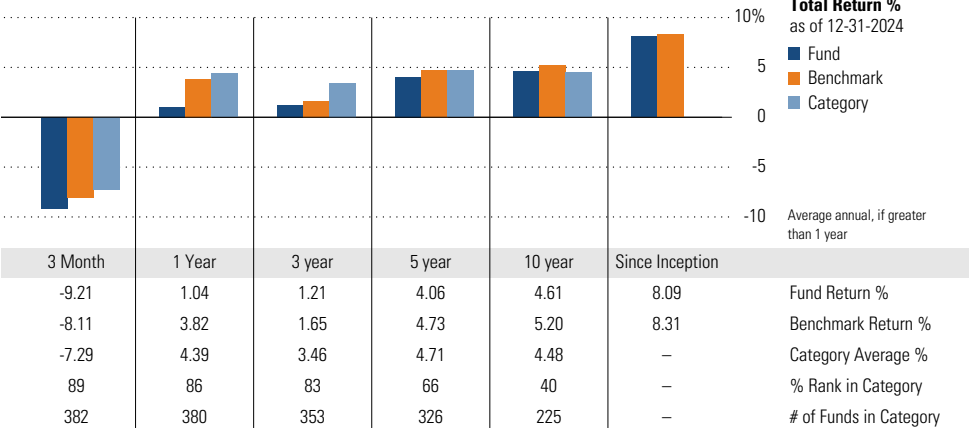
ESG Metrics

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

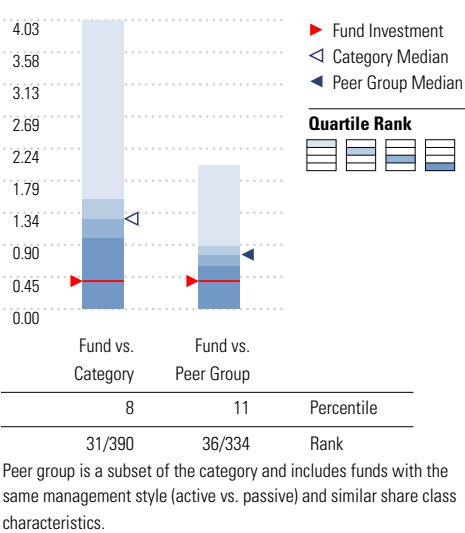
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

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

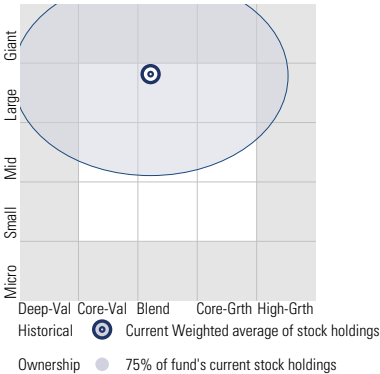
Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

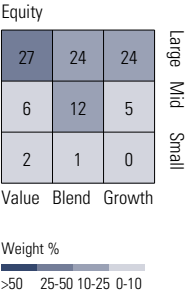
Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 12-31-2024

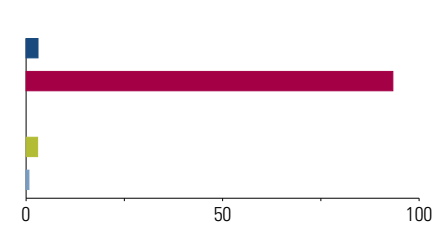
Morningstar Style Box™



Style Breakdown

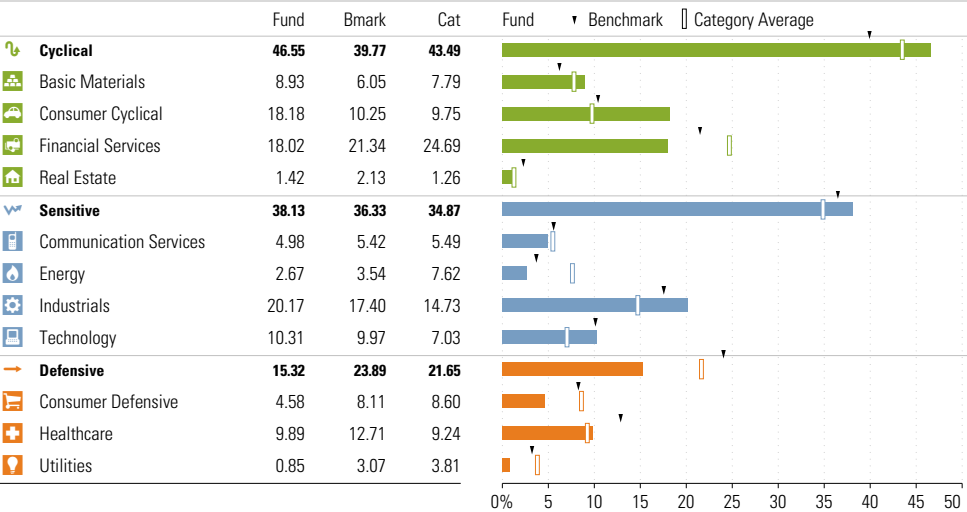


Asset Allocation as of 12-31-2024

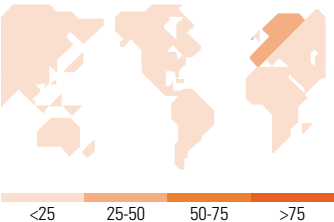


Asset Class	Net %	Cat%
US Stocks	3.03	3.28
Non-US Stocks	93.32	94.51
Bonds	0.00	0.12
Cash	2.93	1.85
Other	0.72	0.23
Total	100.00	100.00

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



	Fund %	Cat %		Fund %	Cat %		Fund %	Cat %		Fund %
Greater Asia	40.49	30.73	Americas	9.08	9.11	Greater Europe	50.42	60.17	Market Maturity	Fund %
Japan	12.57	17.97	North America	6.56	8.01	United Kingdom	13.74	17.35	Developed Markets	81.66
Australasia	0.81	3.15	Central/Latin	2.52	1.10	W euro-ex UK	36.37	41.94	Emerging Markets	18.34
Asia-4 Tigers	11.60	6.61				Emrgng Europe	0.00	0.15	Not Available	0.00
Asia-ex 4 Tigers	15.51	3.00				Africa	0.31	0.73		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2024

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

Total Holdings 237

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Aur lie Denis since 02-2023
Aaron Choi since 08-2023

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Mid-Cap Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- ✗ **Management:** The fund's management team has been in place for less than three years.
- ✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.33% lower than the Mid-Cap Growth category average.

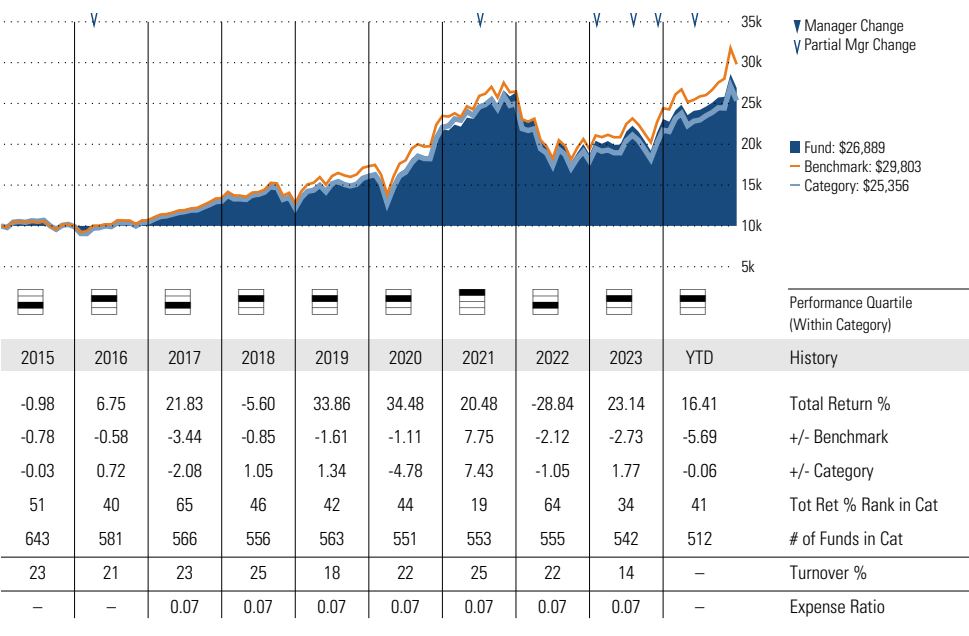
Morningstar Investment Management LLC Analysis

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

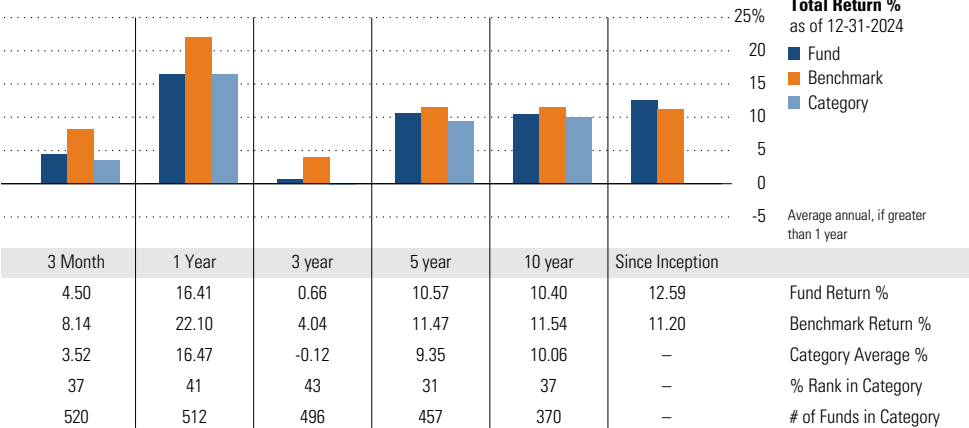
ESG Metrics

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

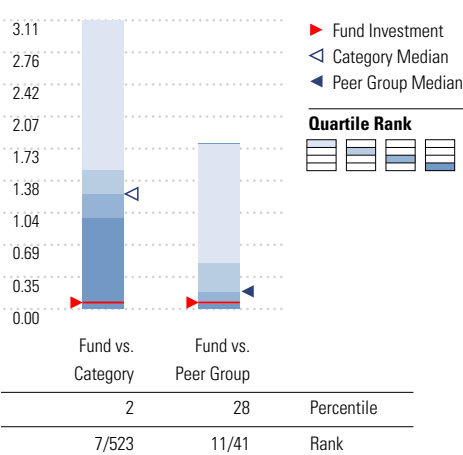
Growth of \$10,000



Trailing Performance



Net Expense



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	—	-3.95
Beta	0.97	—	0.97
R-Squared	98.56	—	91.88
Standard Deviation	22.05	22.47	23.00
Sharpe Ratio	-0.05	0.10	-0.09
Tracking Error	2.70	—	6.64
Information Ratio	-1.25	—	-0.87
Up Capture Ratio	94.76	—	91.23
Down Capture Ratio	105.52	—	105.05

Portfolio Metrics

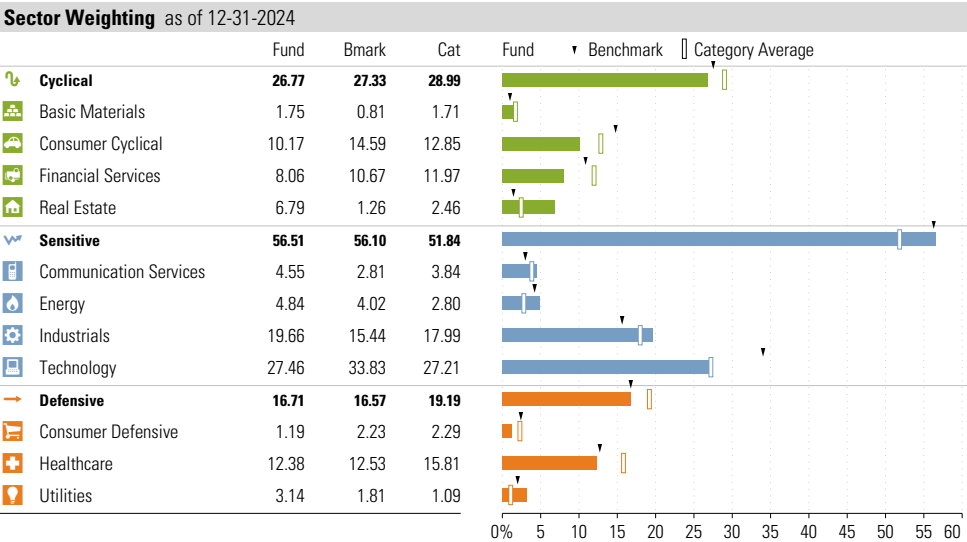
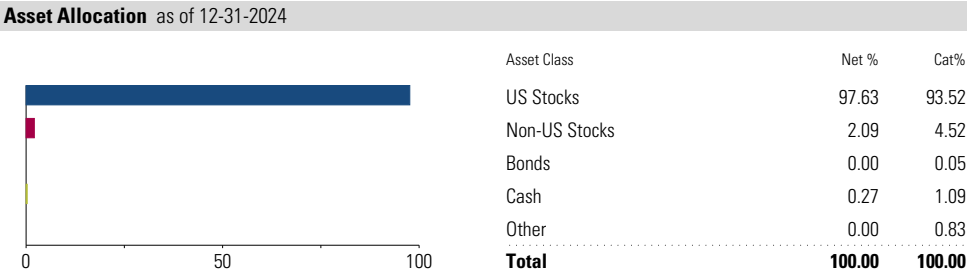
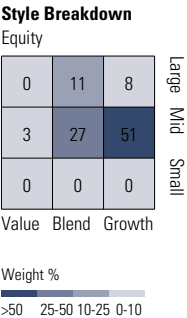
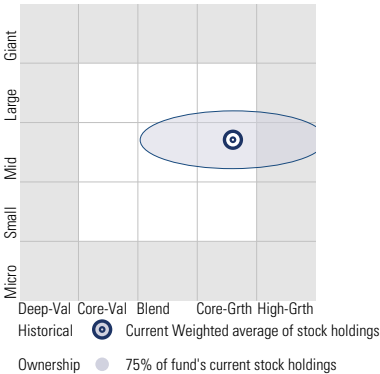
	Fund	Bmark	Cat
Price/Earnings Ratio	31.35	32.59	33.34
Price/Book Ratio	5.63	9.30	6.03
Geom Avg Mkt Cap \$B	38.81	28.29	23.72
ROE	22.53	31.41	21.47

Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Style Analysis as of 12-31-2024
Morningstar Style Box™



Top 15 Holdings as of 12-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	2.24	2.24	41.23	Technology
⊕ Welltower Inc	2.10	4.33	42.61	Real Estate
⊖ Palantir Technologies Inc Ordinary Shares - Class A	2.09	6.42	—	Technology
⊕ Motorola Solutions Inc	2.06	8.48	48.92	Technology
⊕ Constellation Energy Corp	1.88	10.37	—	Utilities
⊕ TransDigm Group Inc	1.81	12.17	32.69	Industrials
⊕ Royal Caribbean Group	1.49	13.66	78.89	Consumer Cyclical
⊕ DoorDash Inc Ordinary Shares - Class A	1.46	15.13	—	Communication Svc
⊕ The Trade Desk Inc Class A	1.41	16.54	—	Technology
⊕ Copart Inc	1.33	17.87	17.12	Industrials
⊕ Coinbase Global Inc Ordinary Shares - Class A	1.29	19.16	—	Financial Services
⊕ Block Inc Class A	1.27	20.43	—	Technology
⊕ Vistra Corp	1.25	21.68	—	Utilities
⊕ Realty Income Corp	1.25	22.93	-1.99	Real Estate
⊕ Quanta Services Inc	1.25	24.17	46.58	Industrials
Total Holdings 142				
⊕ Increase ⊖ Decrease ✨ New to Portfolio				

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category
Mid-Cap Value

Morningstar Index
Russell Mid Cap Value TR USD

Portfolio Manager(s)

Aur lie Denis since 02-2023
Aaron Choi since 08-2023

Quantitative Screens

- Performance: The fund has finished in the Mid-Cap Value category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management team has been in place for less than three years.
- Style: The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 92.71% lower than the Mid-Cap Value category average.

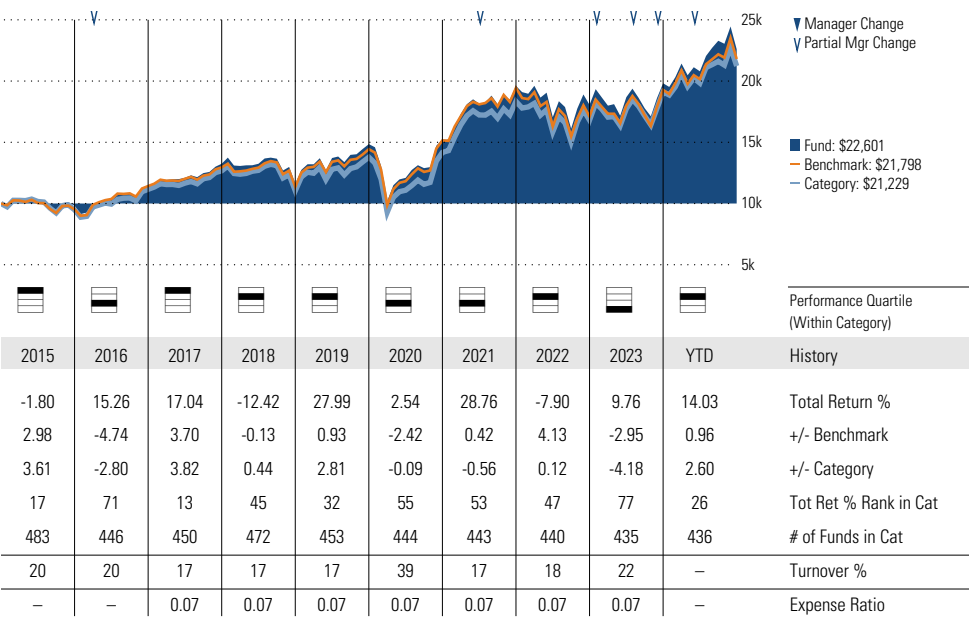
Morningstar Investment Management LLC Analysis

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

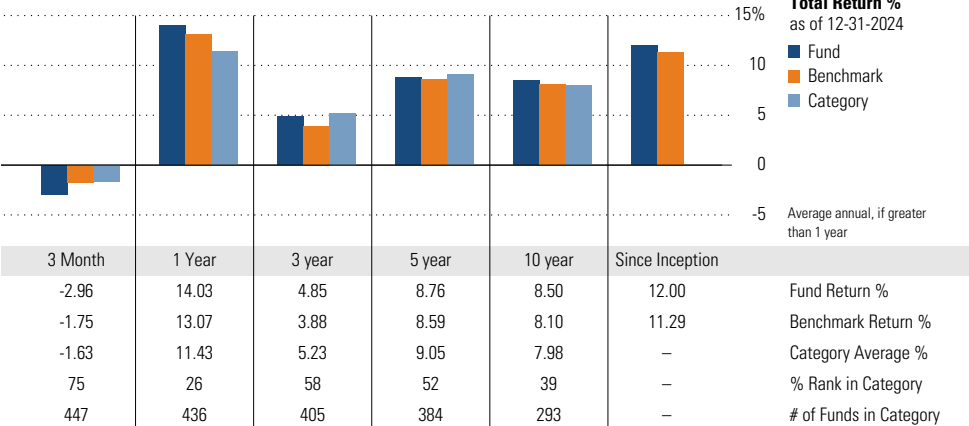
ESG Metrics

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

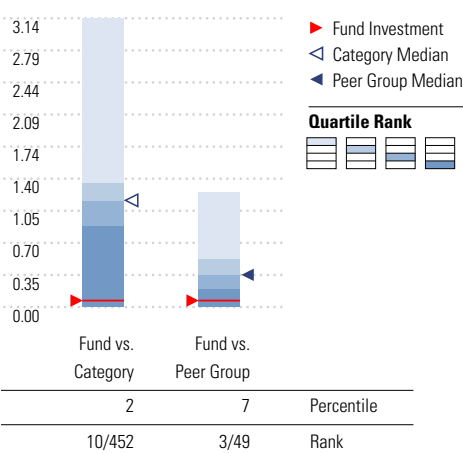
Growth of \$10,000



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	1.06	—	1.35
Beta	0.95	—	0.94
R-Squared	98.62	—	93.95
Standard Deviation	19.13	20.05	19.54
Sharpe Ratio	0.12	0.08	0.13
Tracking Error	2.48	—	5.06
Information Ratio	0.39	—	0.24
Up Capture Ratio	97.61	—	95.12
Down Capture Ratio	94.15	—	90.80

Portfolio Metrics

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

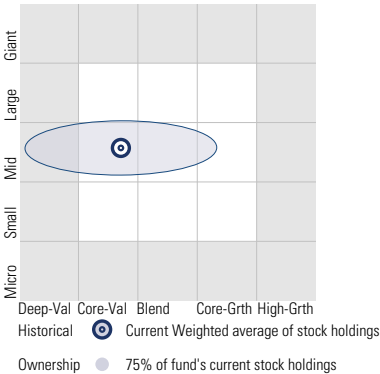
Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category
Mid-Cap Value

Morningstar Index
Russell Mid Cap Value TR USD

Style Analysis as of 12-31-2024

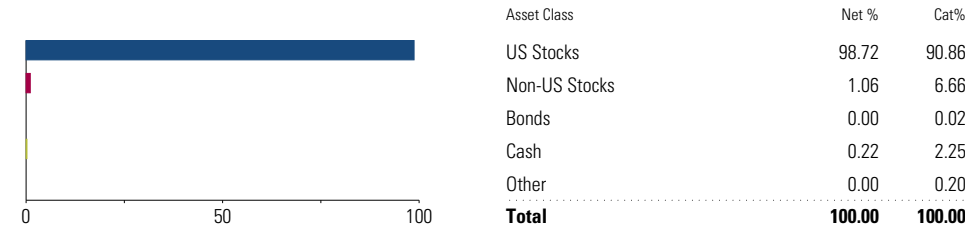
Morningstar Style Box™



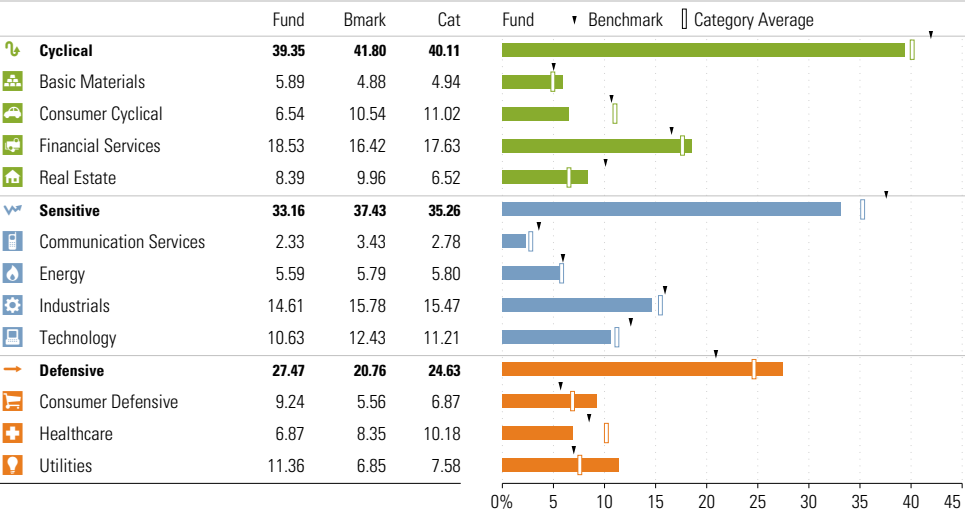
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 193

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance:** The fund has finished in the Real Estate category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 28.65 years.
- Style:** The fund has landed in its primary style box — Mid-Cap Blend — 91.43 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.13 is 88.39% lower than the Real Estate category average.

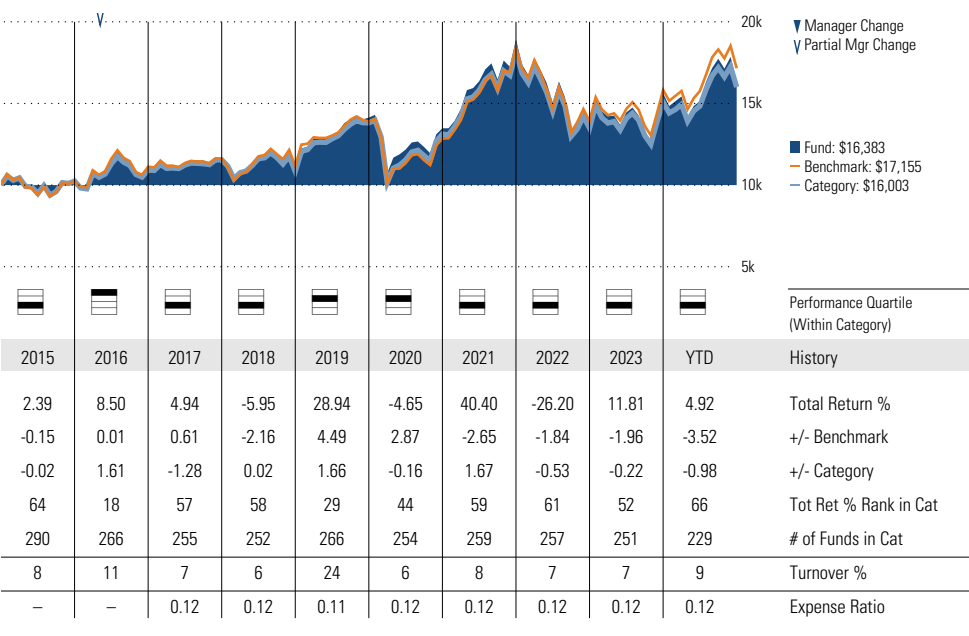
Morningstar Investment Management LLC Analysis

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

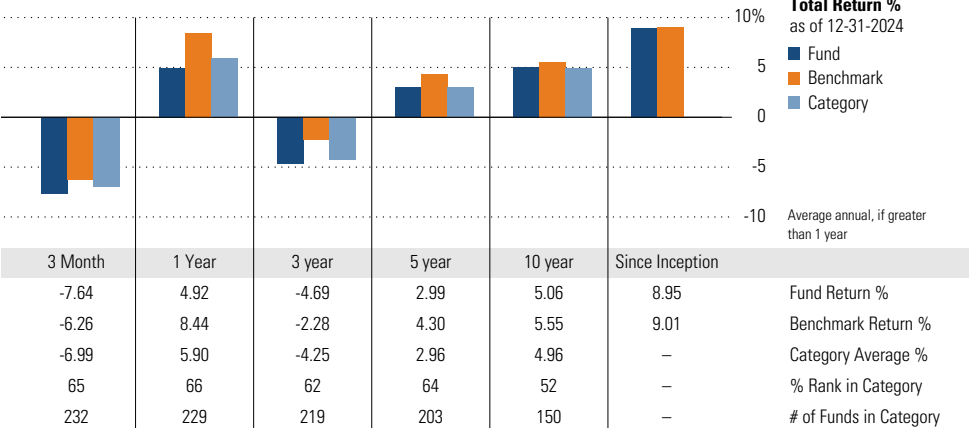
ESG Metrics

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

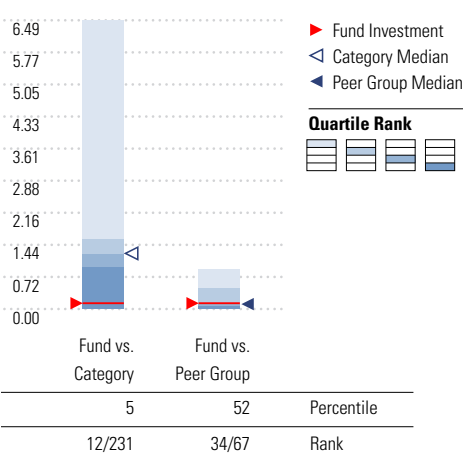
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

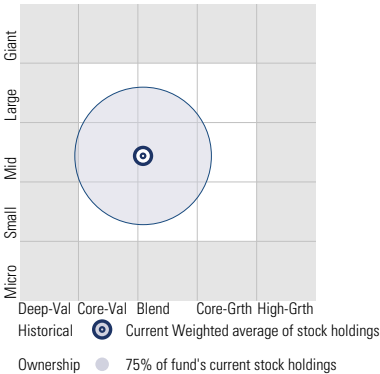
Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

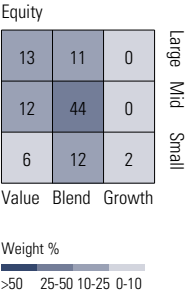
Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 12-31-2024

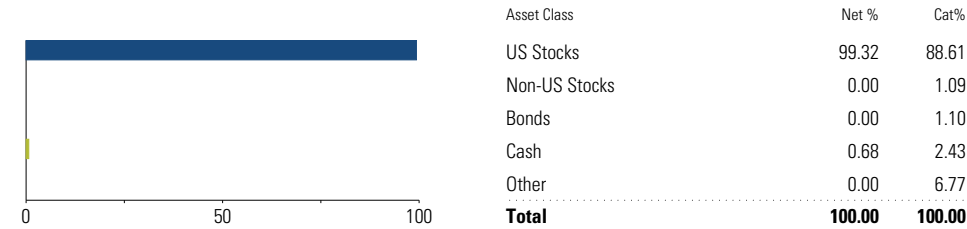
Morningstar Style Box™



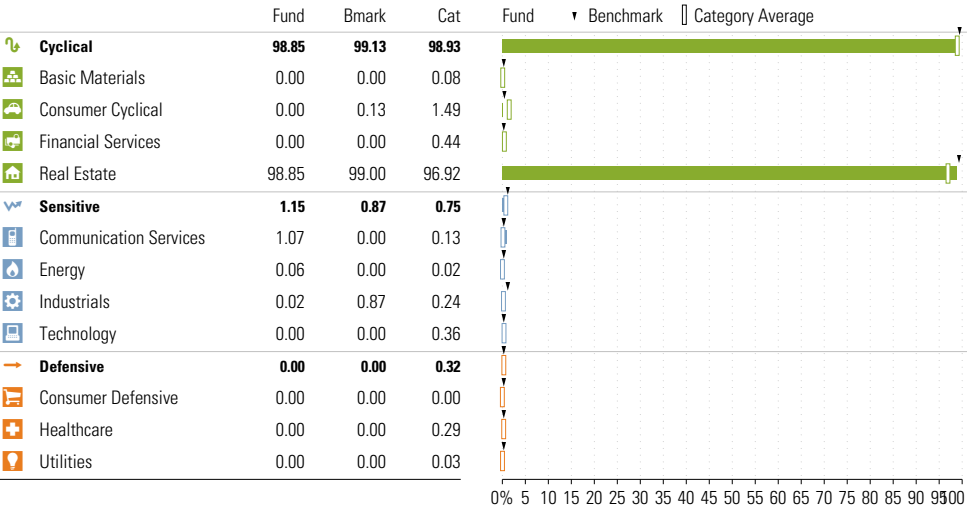
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 162

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

Gerard O'Reilly since 12-2004
Nick Birkett since 02-2023

Quantitative Screens

- Performance:** The fund has finished in the Small Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 20.02 years.
- Style:** The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

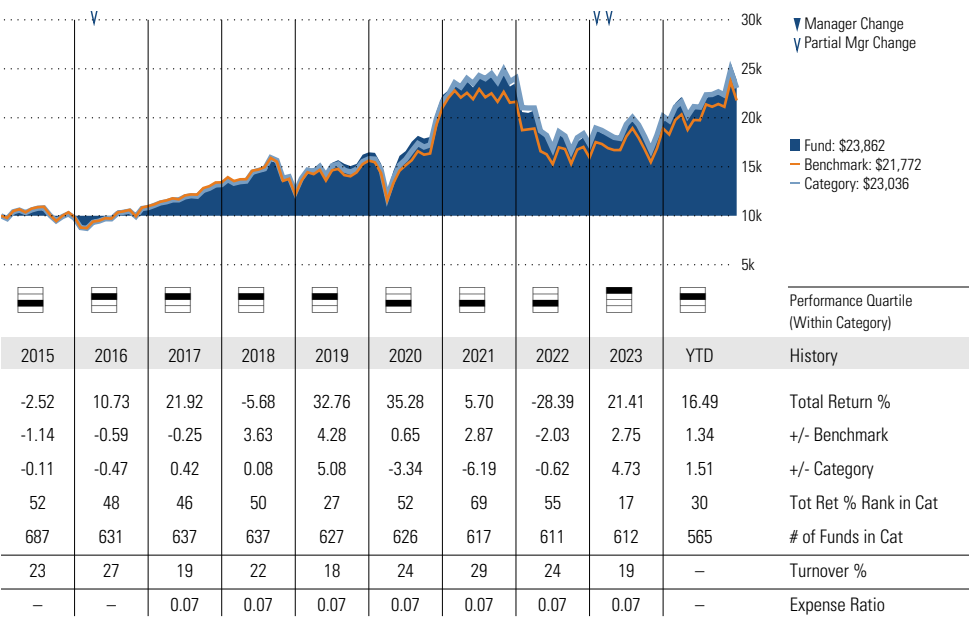
Morningstar Investment Management LLC Analysis

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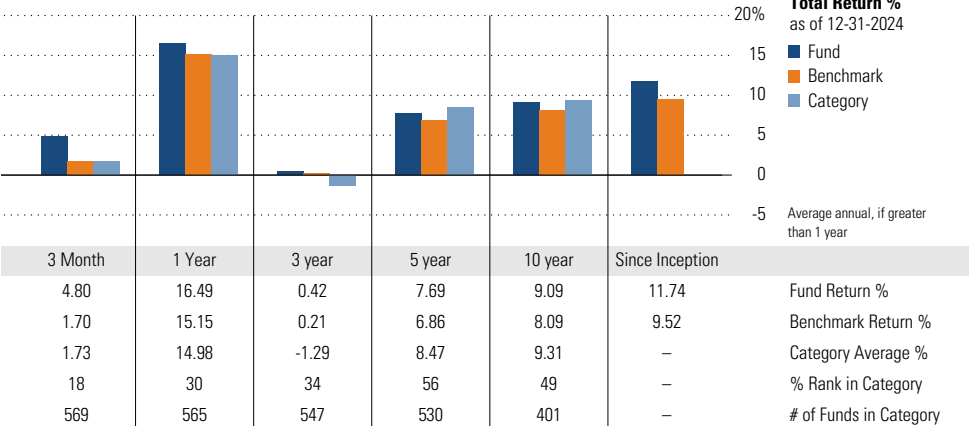
ESG Metrics

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

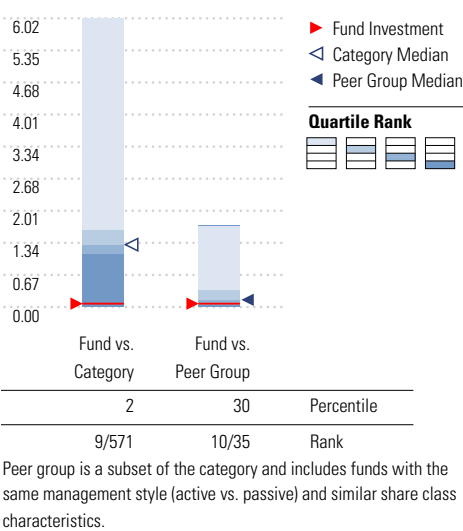
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

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

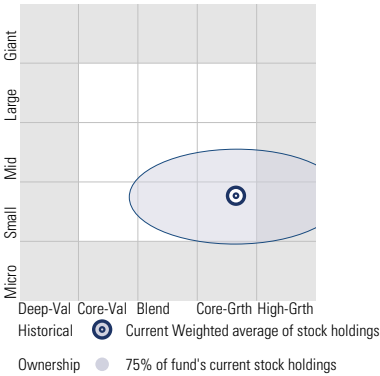
Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 12-31-2024

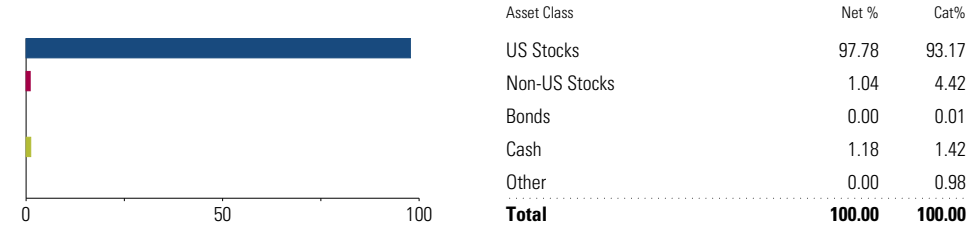
Morningstar Style Box™



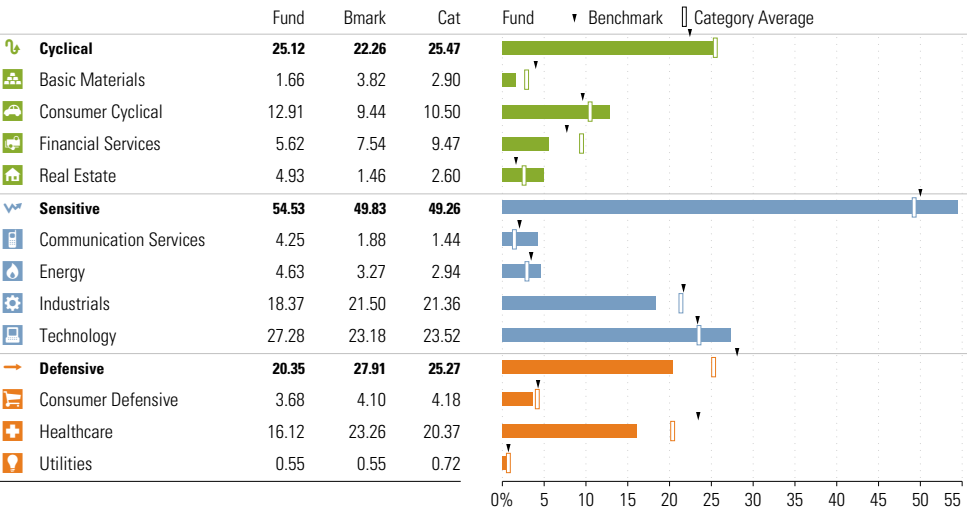
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 592

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Portfolio Manager(s)

Gerard O'Reilly since 04-2016
Nick Birkett since 02-2023

Quantitative Screens

- Performance:** The fund has finished in the Small Value category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 8.68 years.
- Style:** The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.07 is 93.58% lower than the Small Value category average.

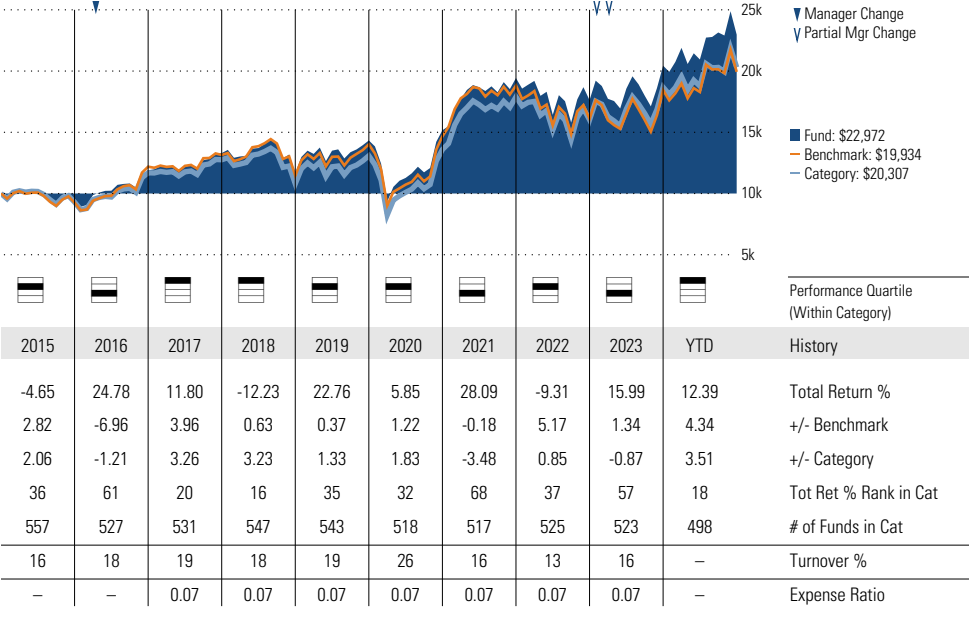
Morningstar Investment Management LLC Analysis

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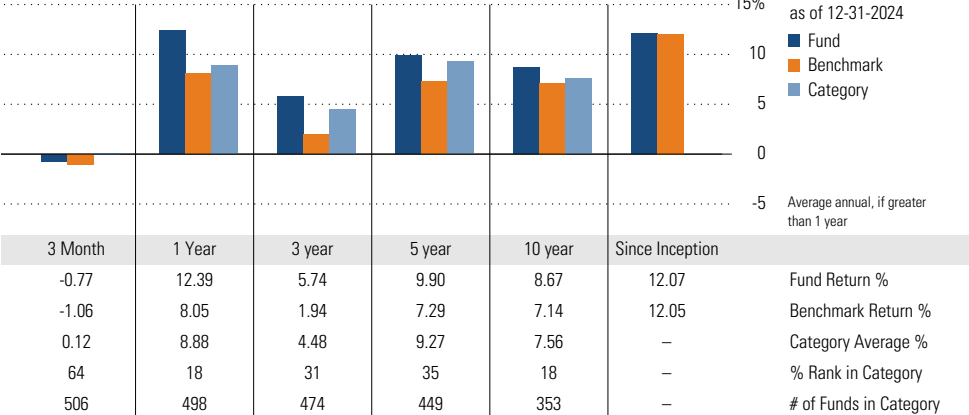
ESG Metrics

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

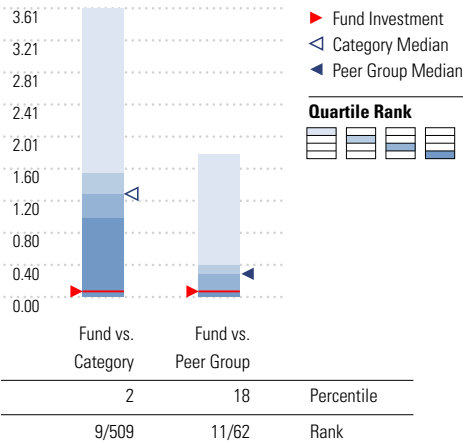
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

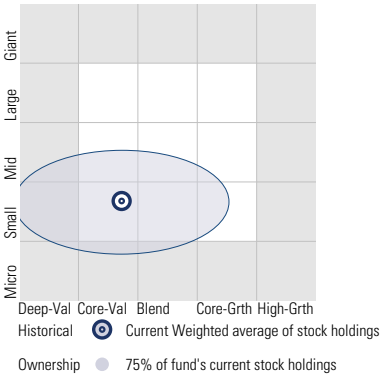
Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

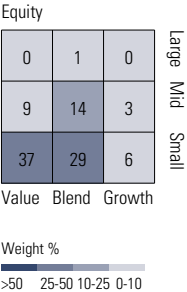
Morningstar Index
Russell 2000 Value TR USD

Style Analysis as of 12-31-2024

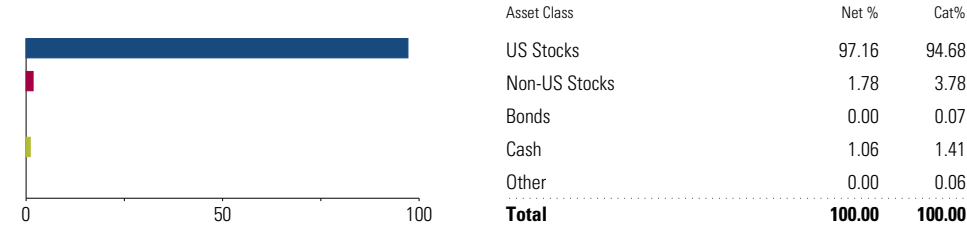
Morningstar Style Box™



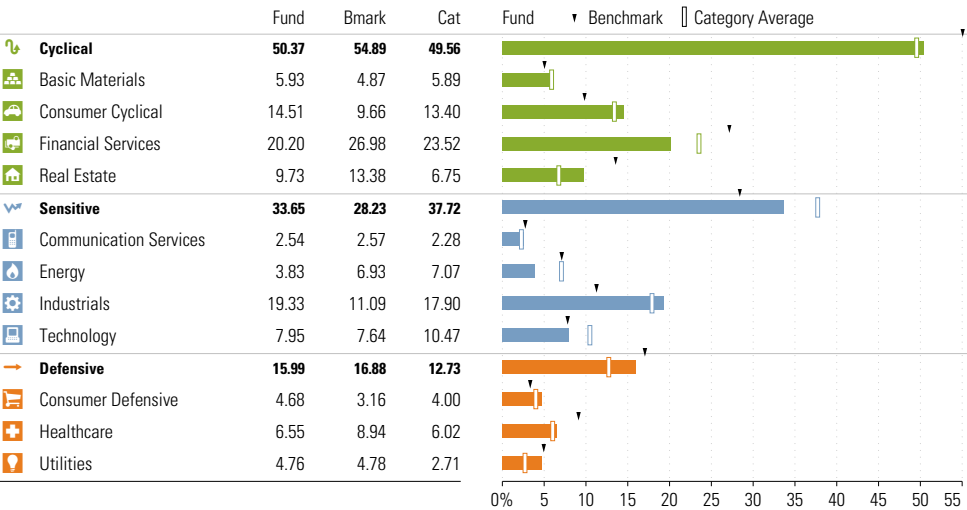
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 842

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
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 2020 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 84.91% lower than the Target-Date 2020 category average.

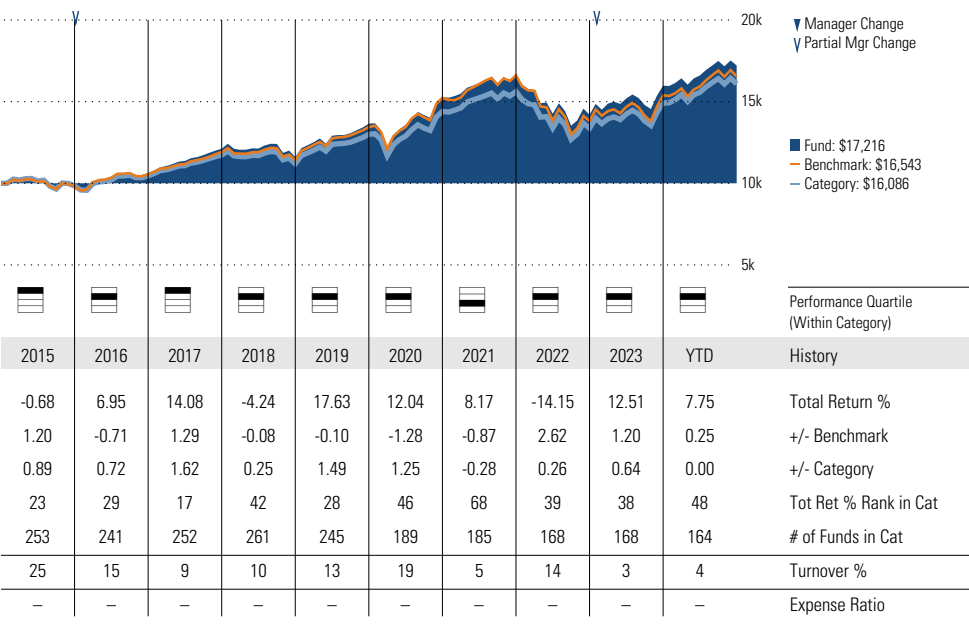
Morningstar Investment Management LLC Analysis

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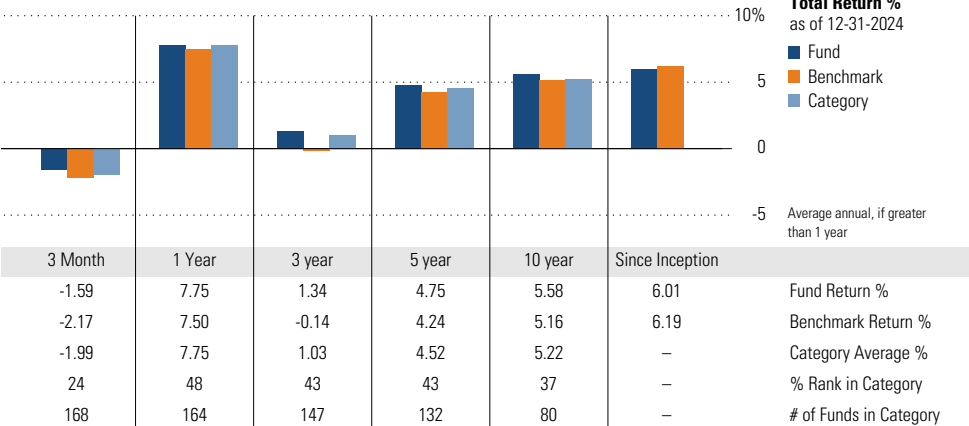
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	1-Low	02-15-2022

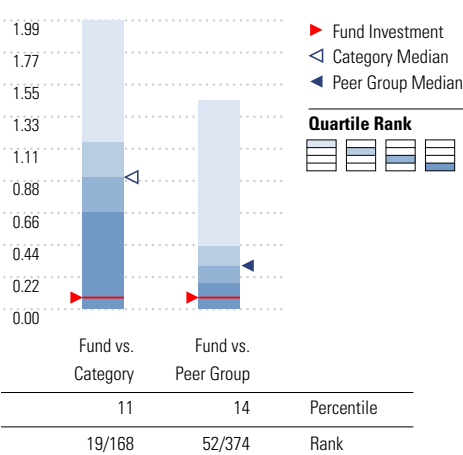
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

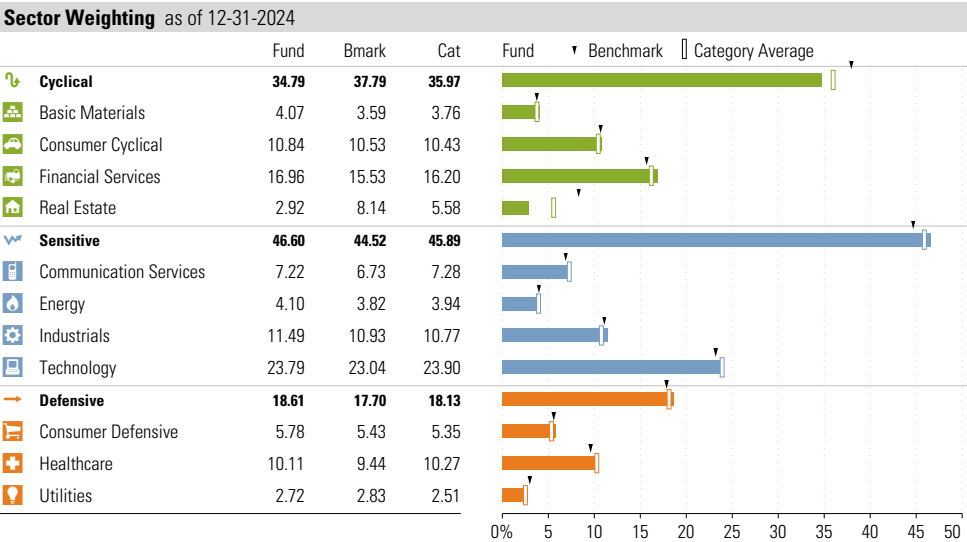
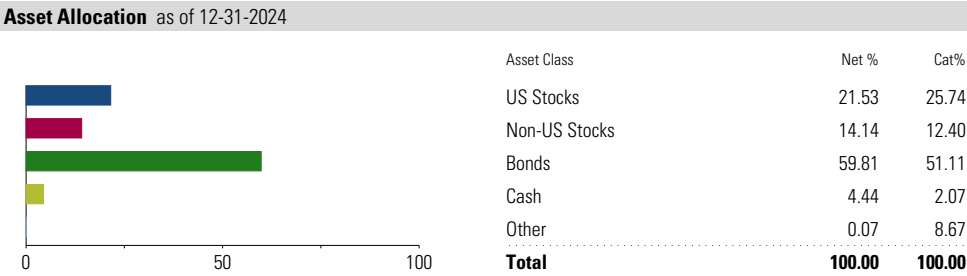
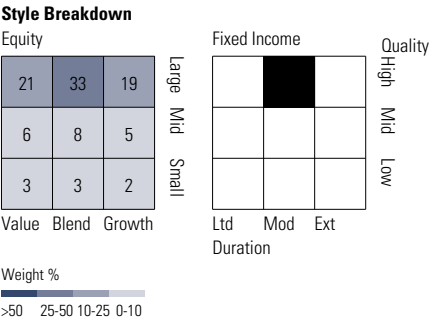
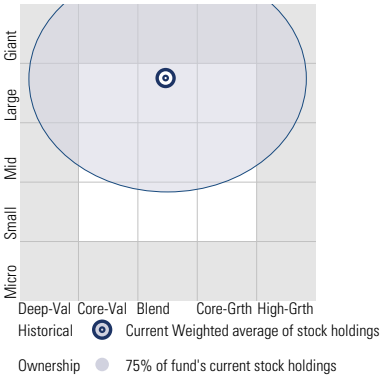
Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 12-31-2024

Morningstar Style Box™



Top 7 Holdings as of 12-31-2024

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

Total Holdings 7

⊕ Increase ⊖ Decrease ✖ New to Portfolio

Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
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 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 85.96% lower than the Target-Date 2025 category average.

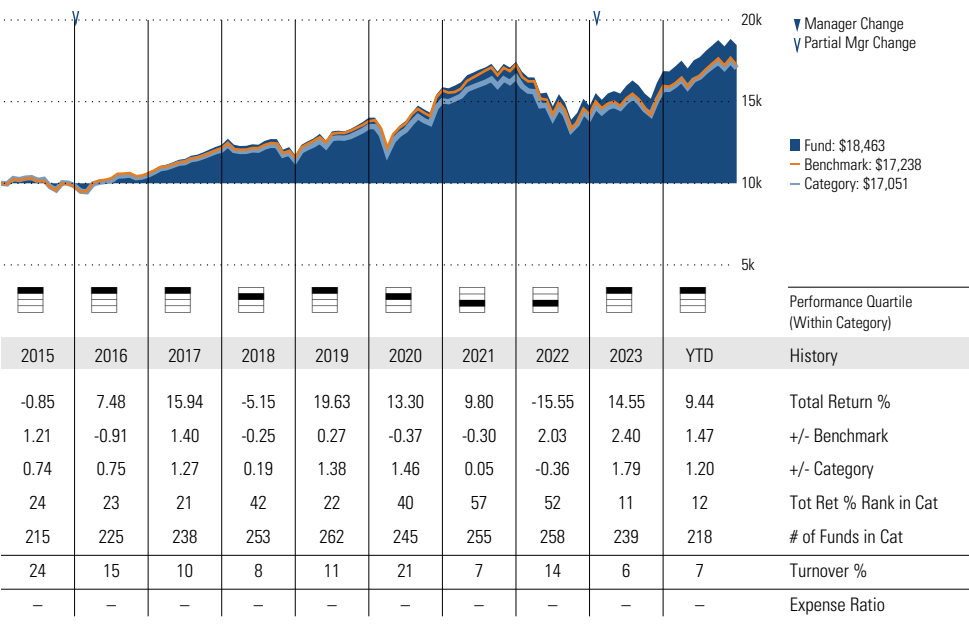
Morningstar Investment Management LLC Analysis

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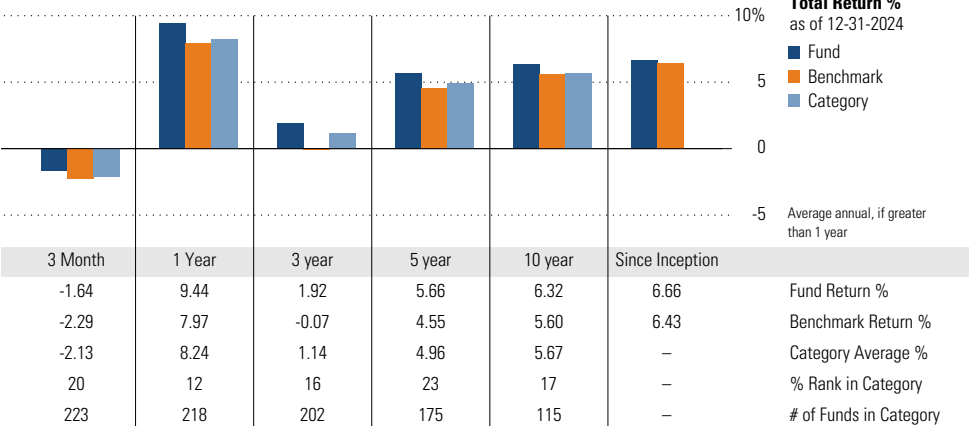
ESG Metrics

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

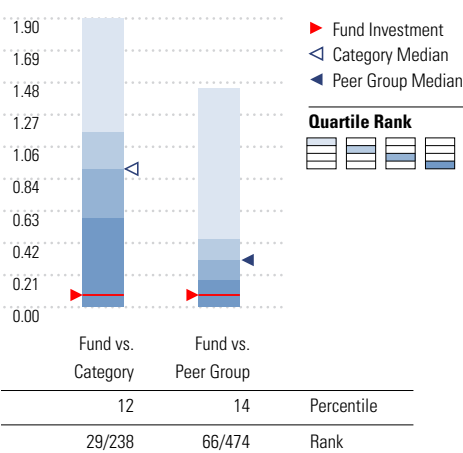
Growth of \$10,000



Trailing Performance



Net Expense



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

Portfolio Metrics

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

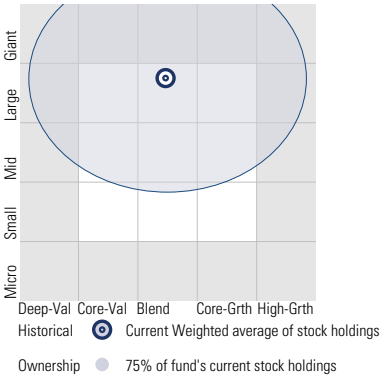
Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category
Target-Date 2025

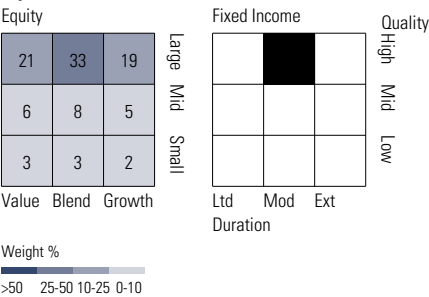
Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 12-31-2024

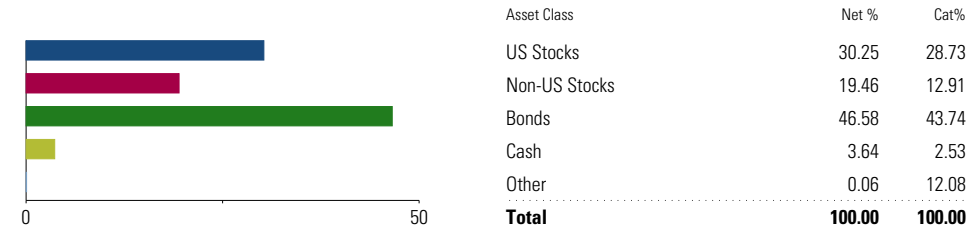
Morningstar Style Box™



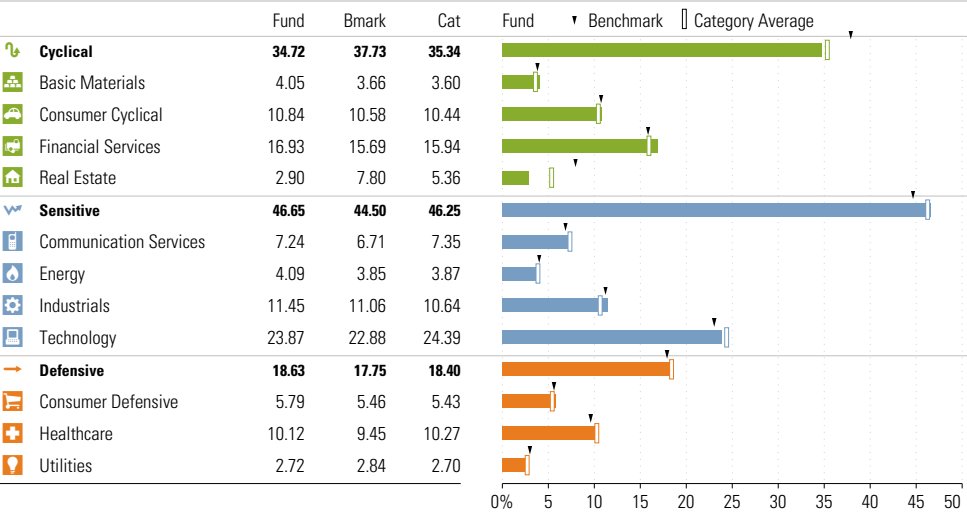
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 7 Holdings as of 12-31-2024

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

Total Holdings 7

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2030 Fund VTHRX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 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 2030 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2030 category average.

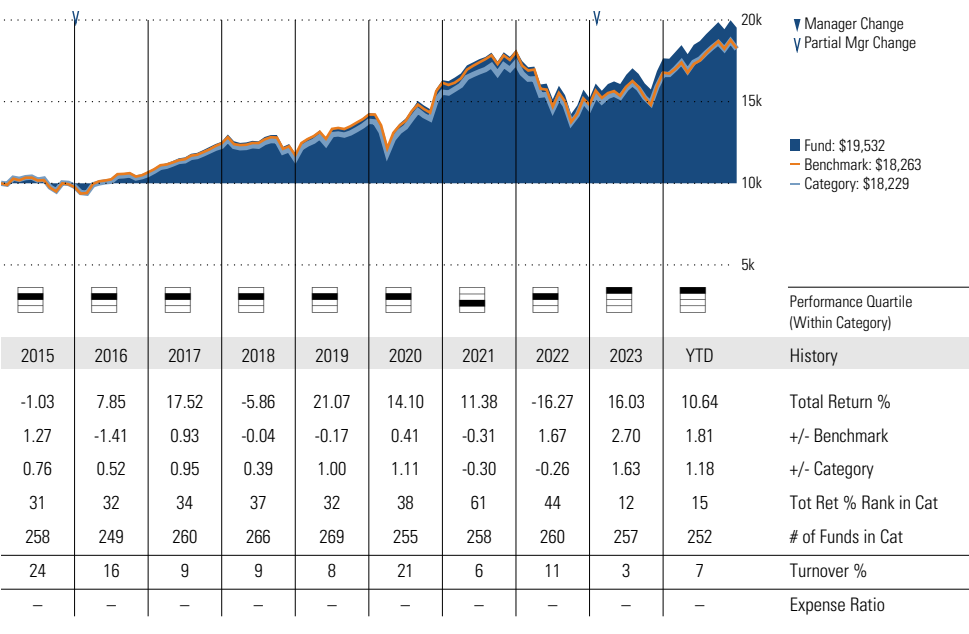
Morningstar Investment Management LLC Analysis

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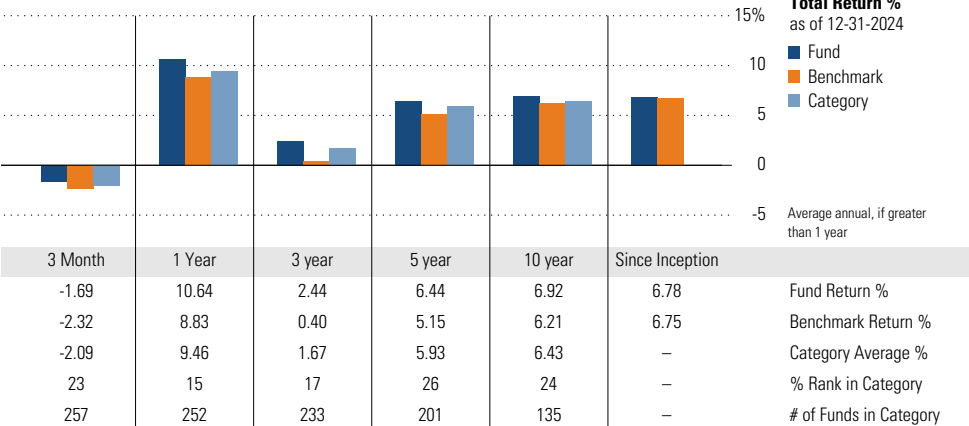
ESG Metrics

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

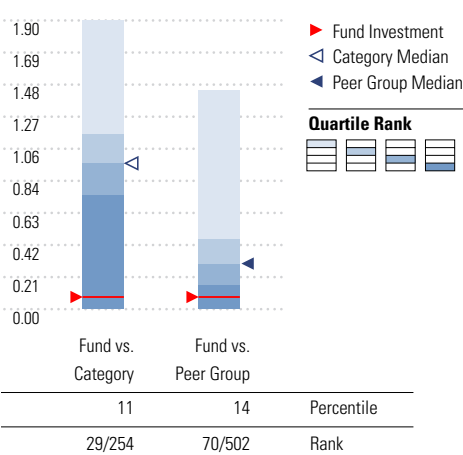
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

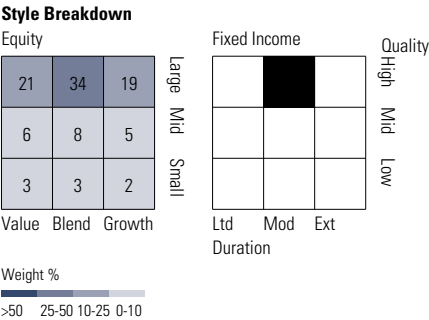
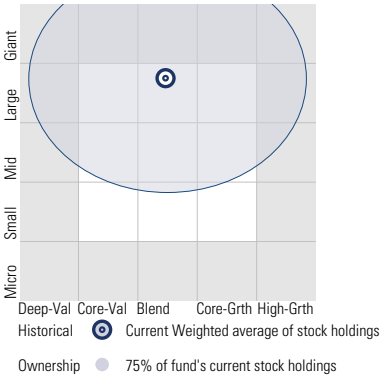
Vanguard Target Retirement 2030 Fund VTHRX

Morningstar Category
Target-Date 2030

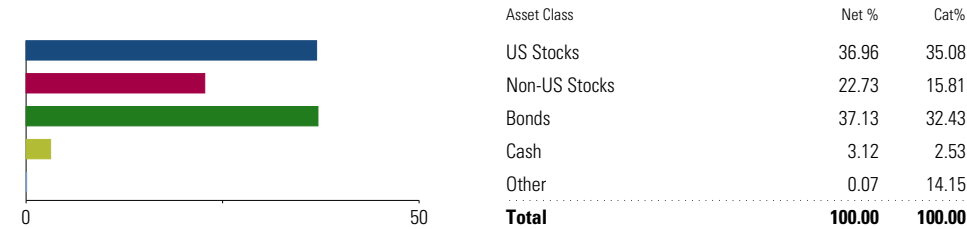
Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 12-31-2024

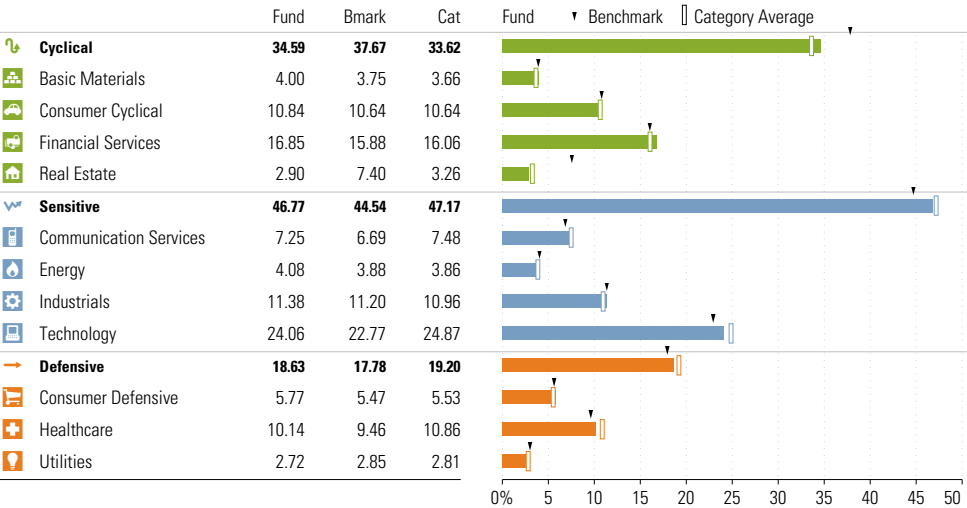
Morningstar Style Box™



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2035 Fund VTTHX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
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 2035 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2035 category average.

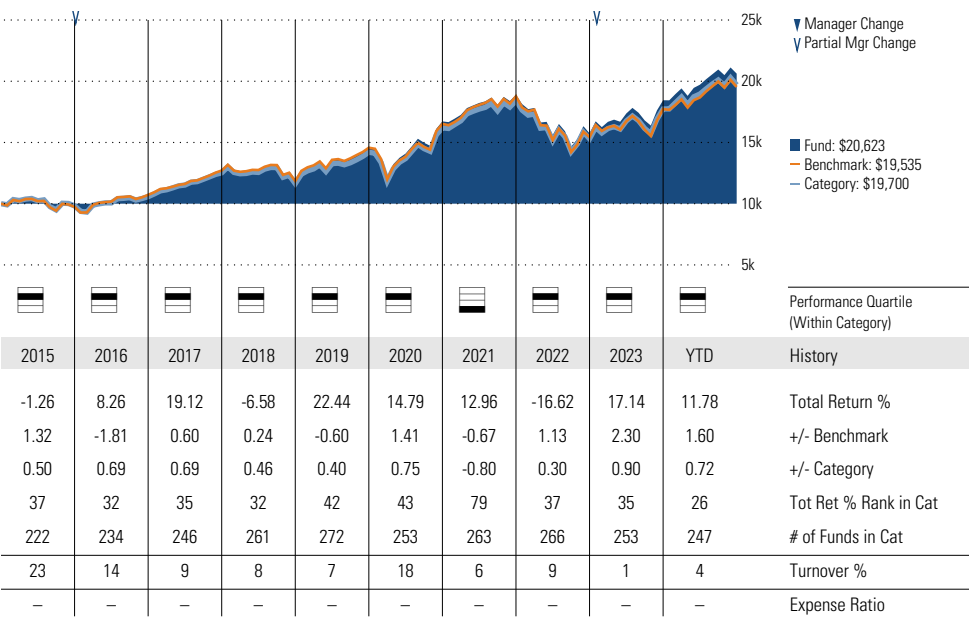
Morningstar Investment Management LLC Analysis

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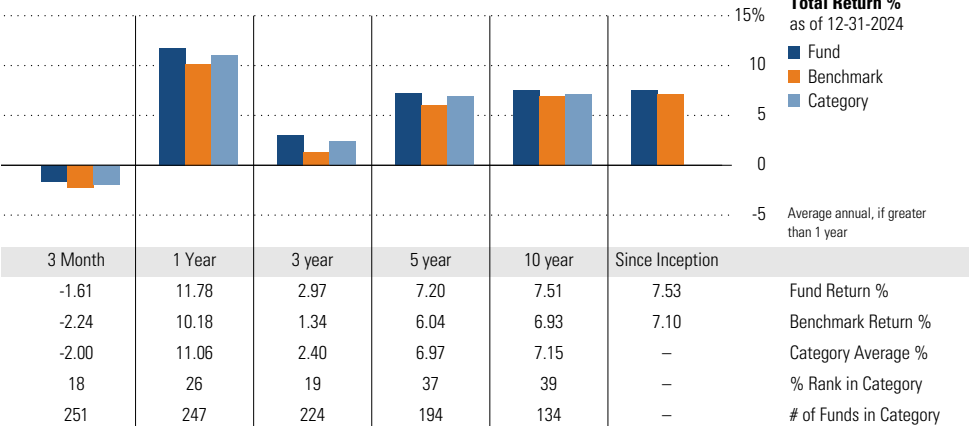
ESG Metrics

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

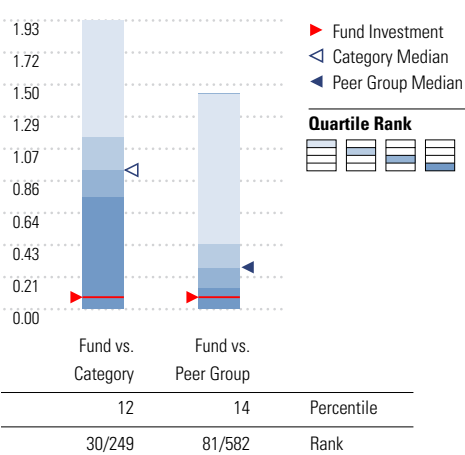
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

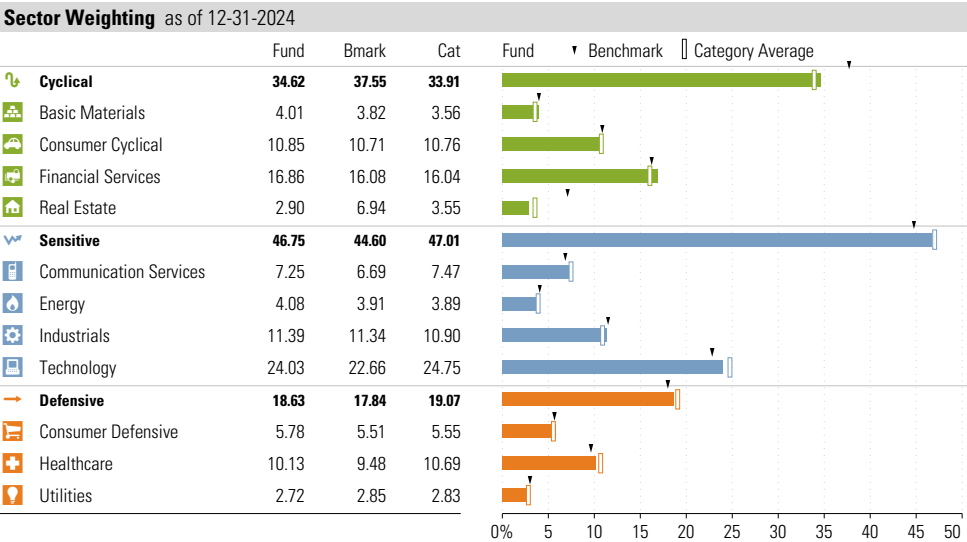
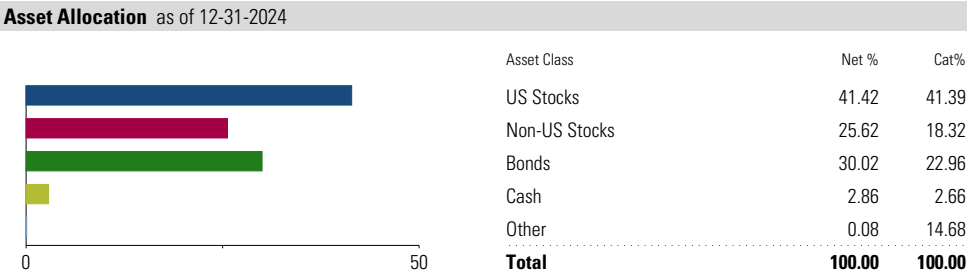
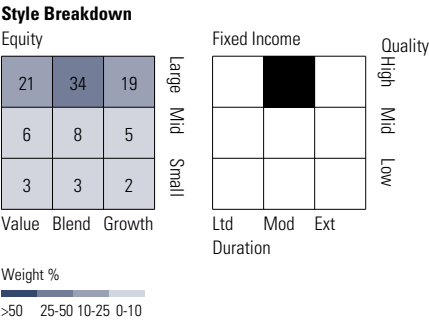
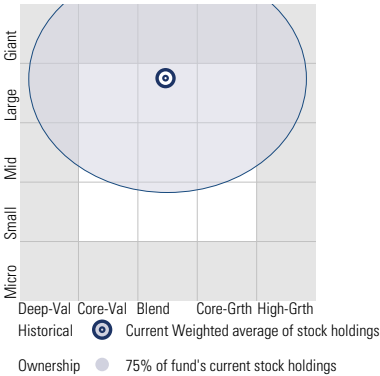
Vanguard Target Retirement 2035 Fund VTTHX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 12-31-2024

Morningstar Style Box™



Top 6 Holdings as of 12-31-2024						
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	41.63	41.63	—	—	
⊕ Vanguard Total Intl Stock Index Inv	—	26.19	67.82	—	—	
⊕ Vanguard Total Bond Market II Idx Inv	—	22.04	89.86	—	—	
⊕ Vanguard Total Intl Bd II Idx Instl	—	9.51	99.37	—	—	
⊖ Mktliq 12/31/2049	—	0.62	99.99	—	—	
⊖ Us Dollar	—	0.01	100.00	—	—	

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2040 Fund VFORX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
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 2040 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2040 category average.

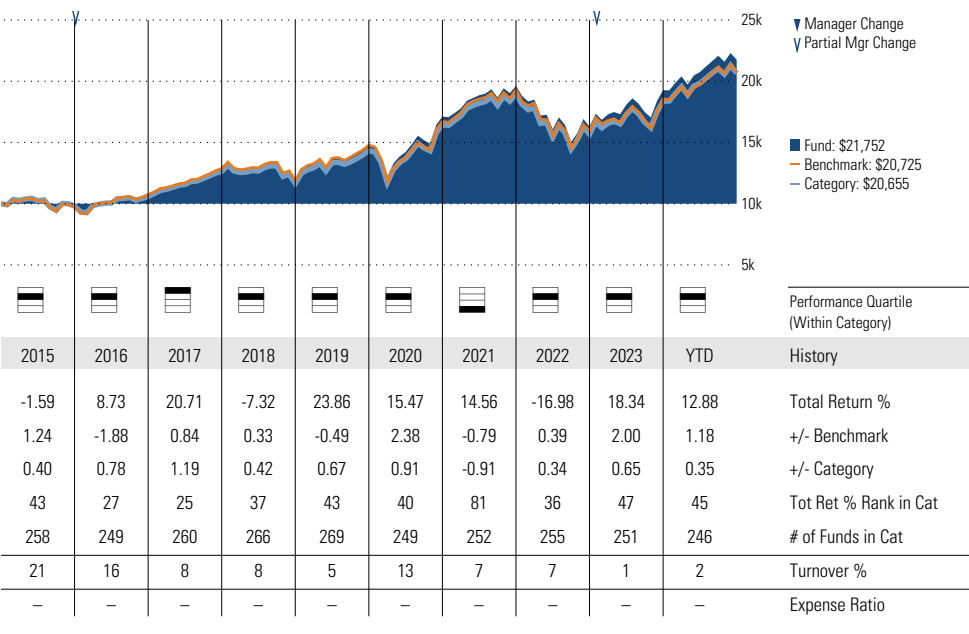
Morningstar Investment Management LLC Analysis

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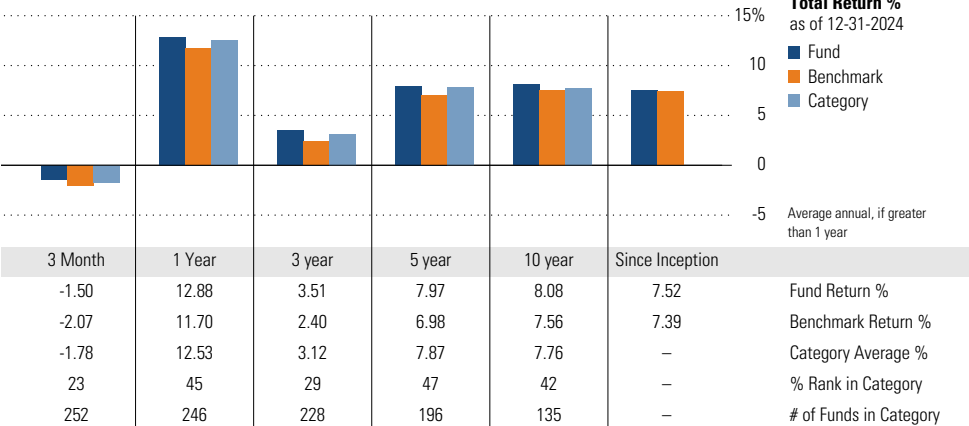
ESG Metrics

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

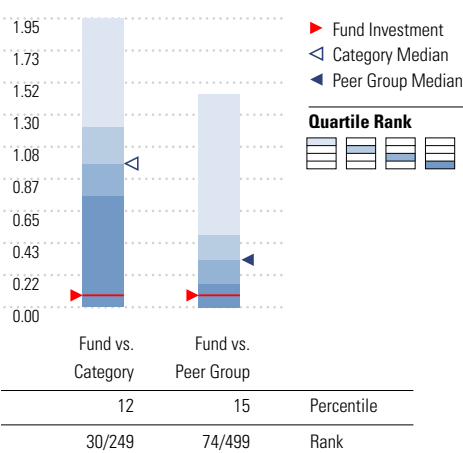
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

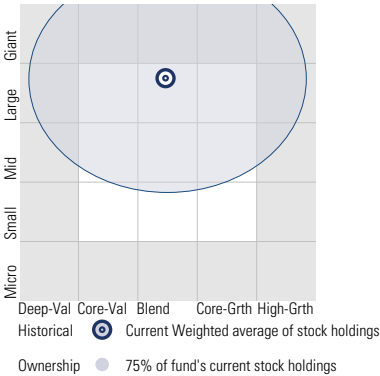
Vanguard Target Retirement 2040 Fund VFORX

Morningstar Category
Target-Date 2040

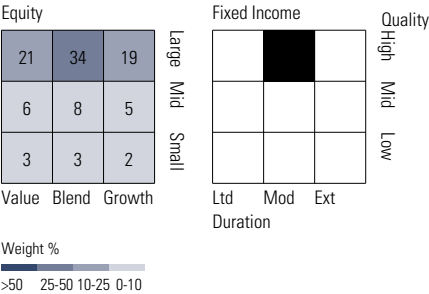
Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 12-31-2024

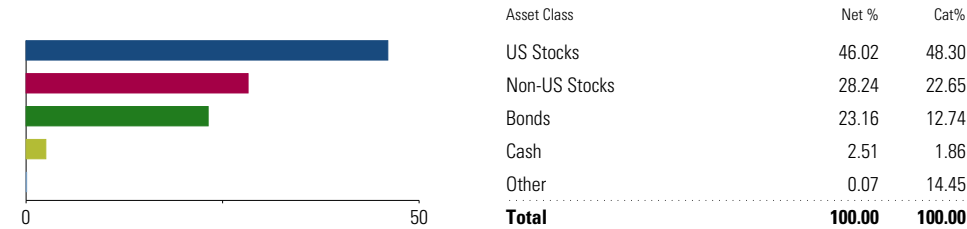
Morningstar Style Box™



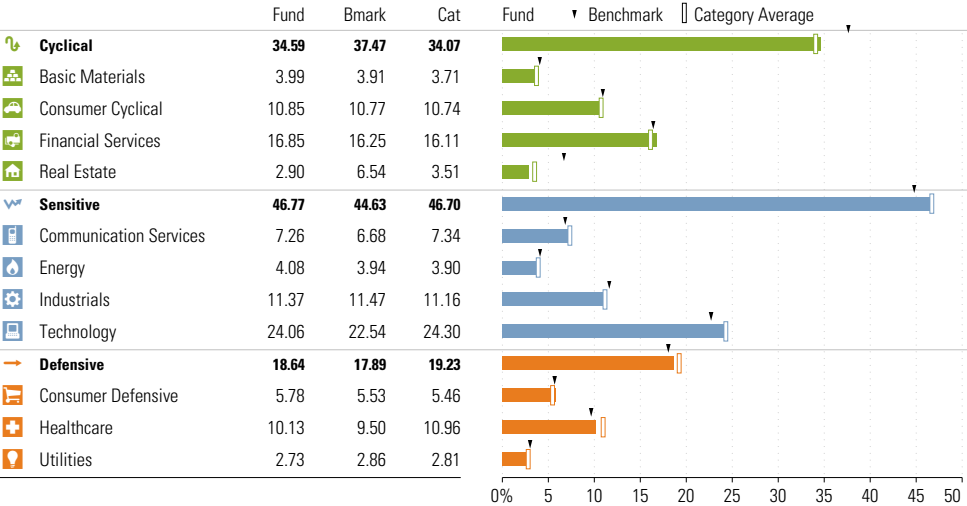
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 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 2045 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2045 category average.

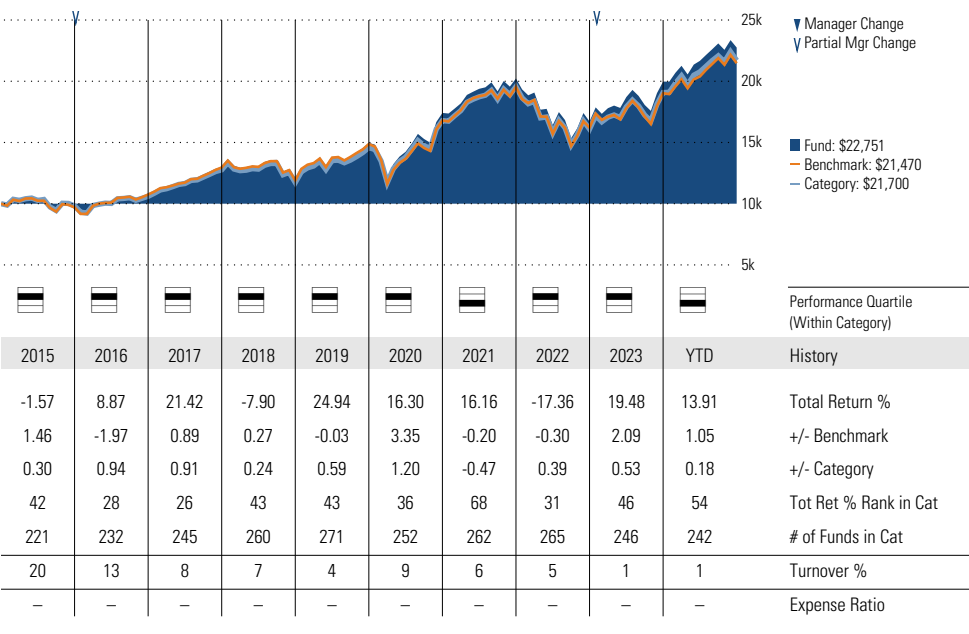
Morningstar Investment Management LLC Analysis

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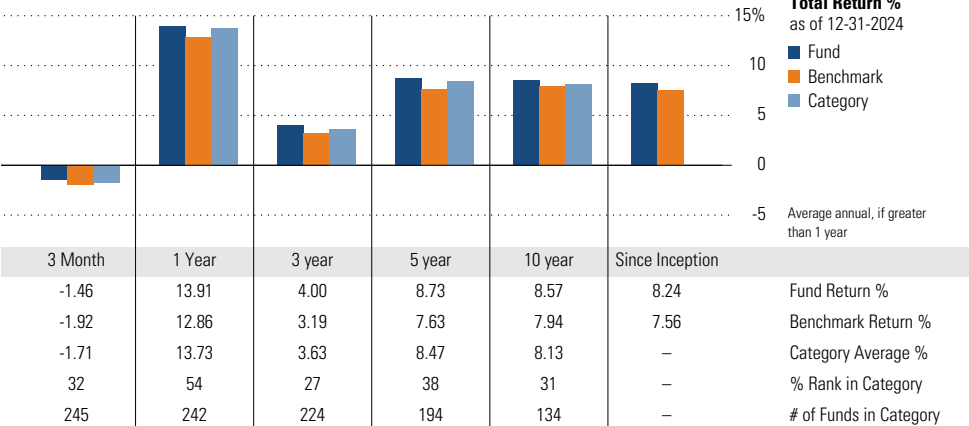
ESG Metrics

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

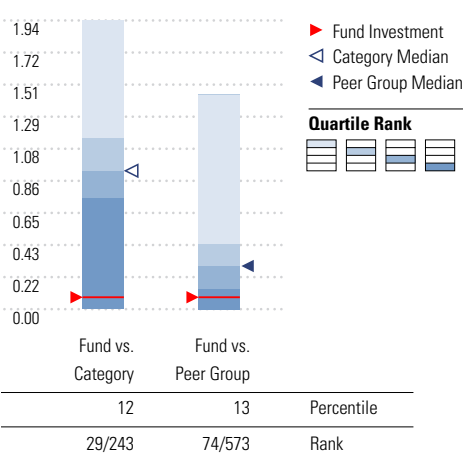
Growth of \$10,000



Trailing Performance



Net Expense



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

Portfolio Metrics

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

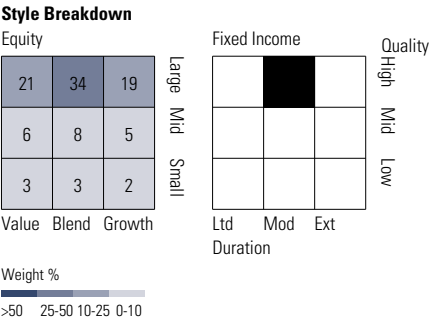
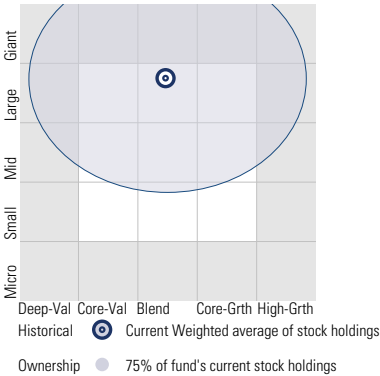
Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category
Target-Date 2045

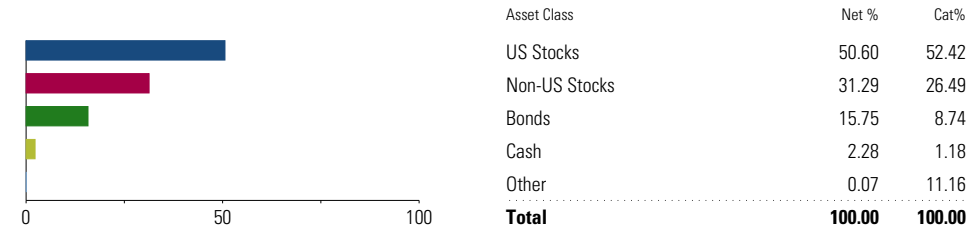
Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 12-31-2024

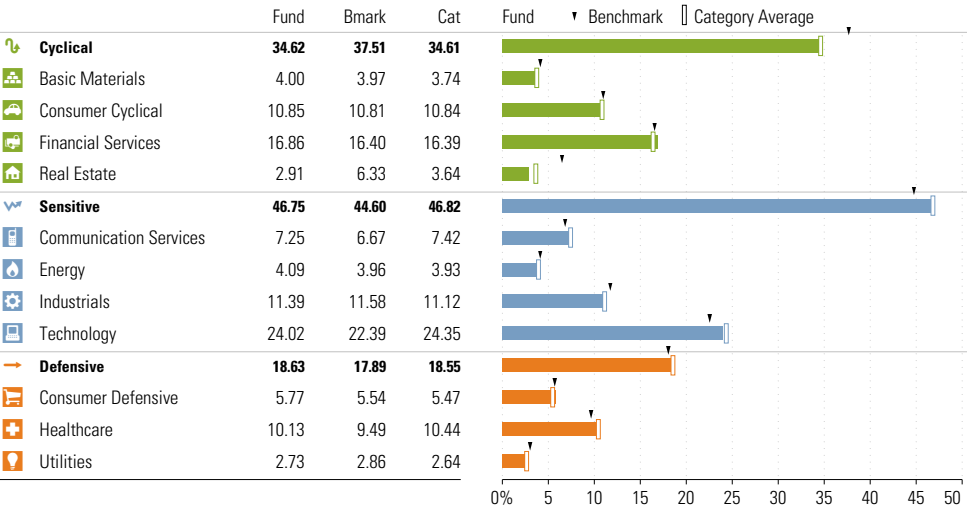
Morningstar Style Box™



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
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 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2050 category average.

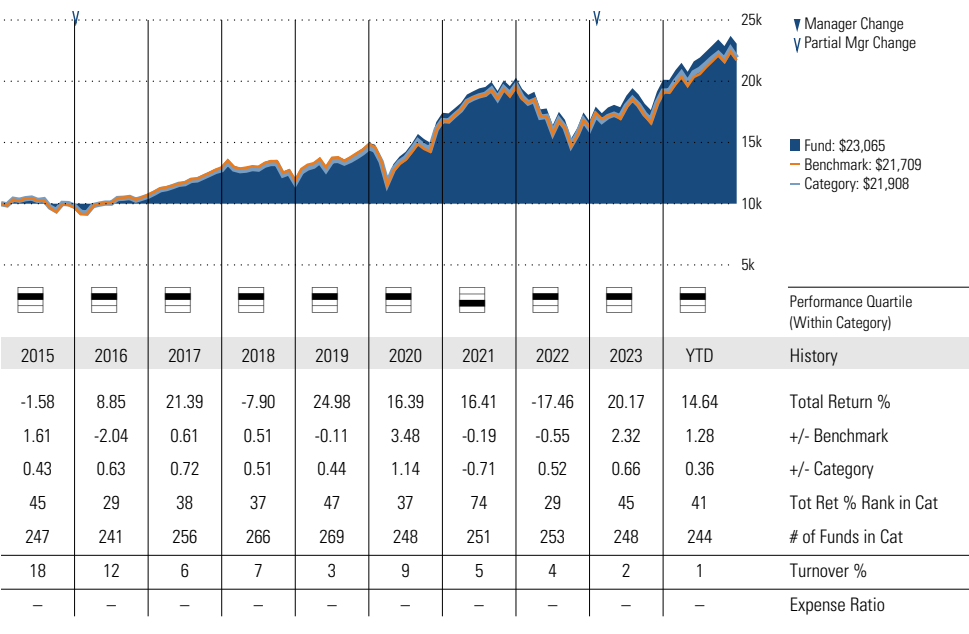
Morningstar Investment Management LLC Analysis

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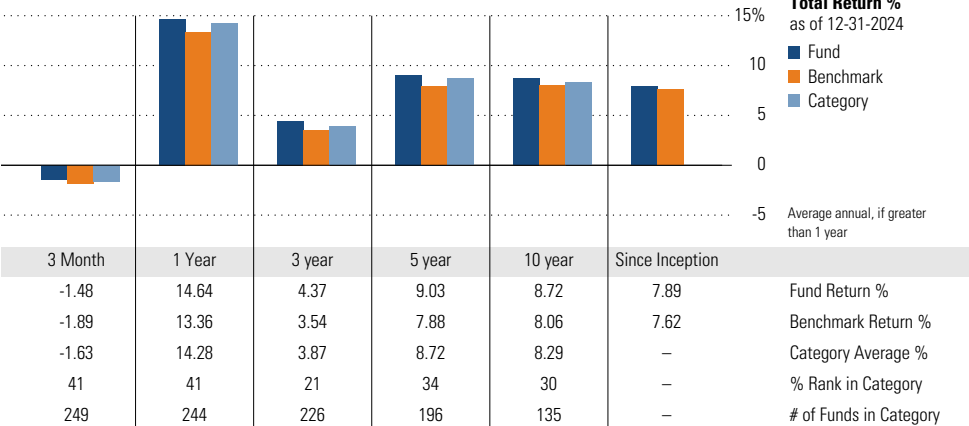
ESG Metrics

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

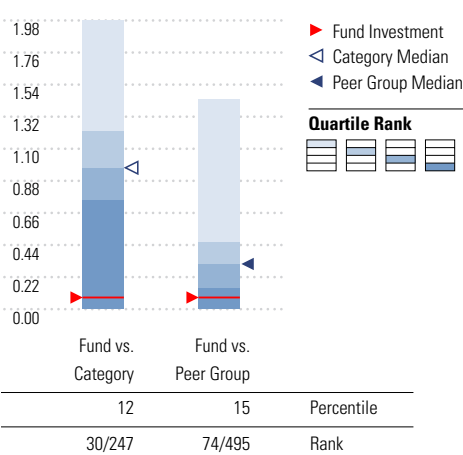
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

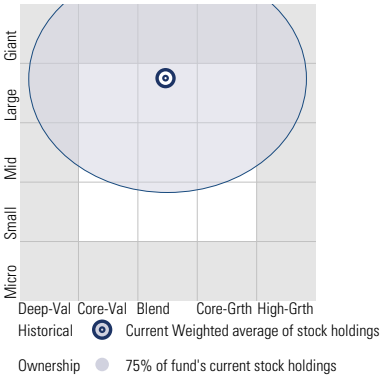
Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category
Target-Date 2050

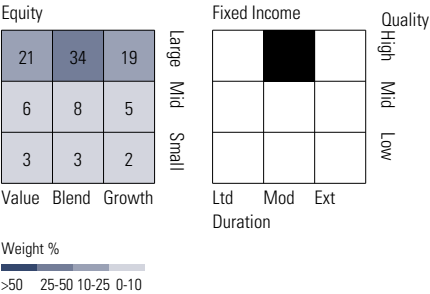
Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 12-31-2024

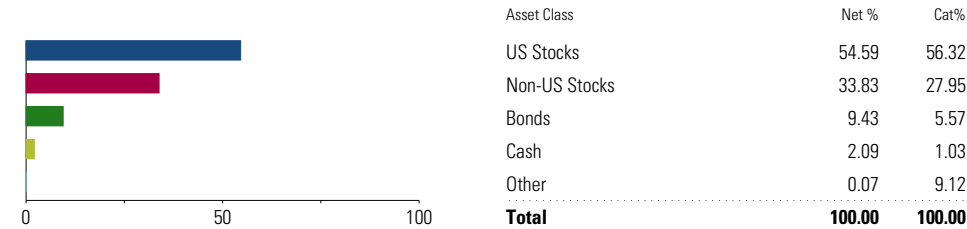
Morningstar Style Box™



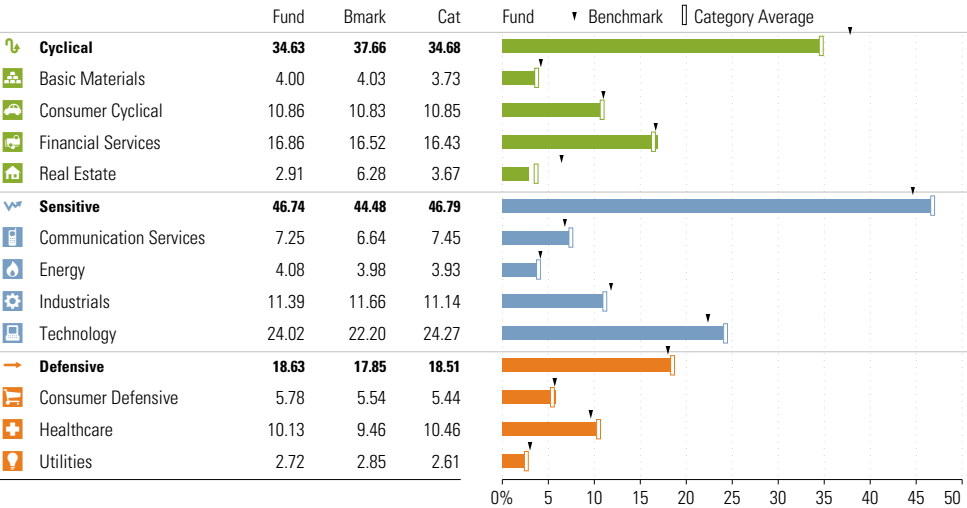
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2055 Fund VFFVX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
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 2055 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2055 category average.

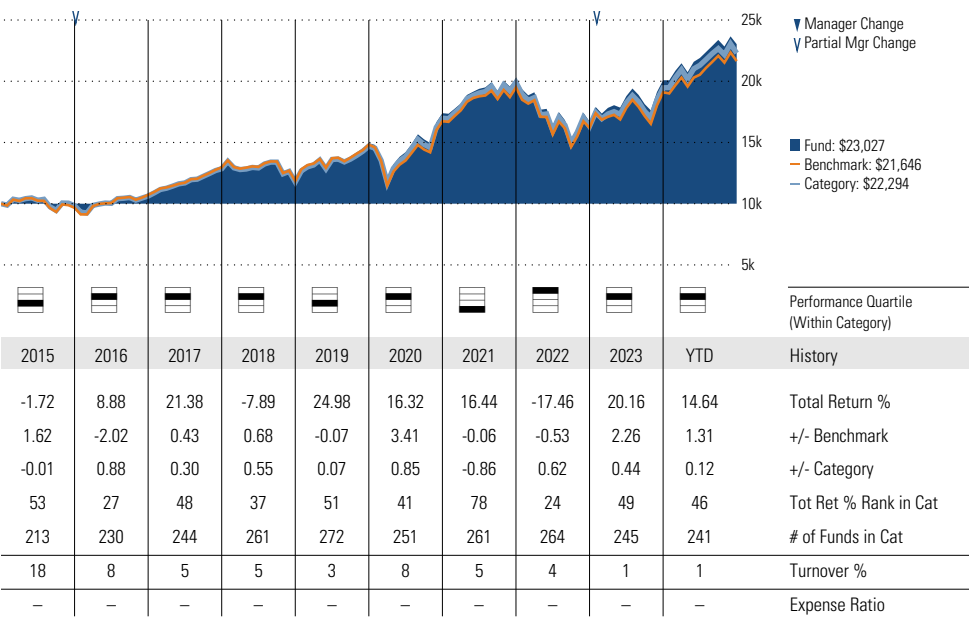
Morningstar Investment Management LLC Analysis

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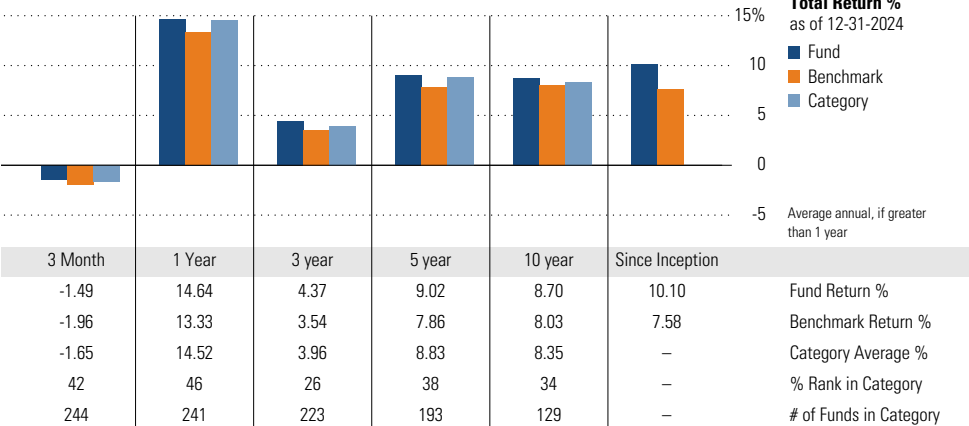
ESG Metrics

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

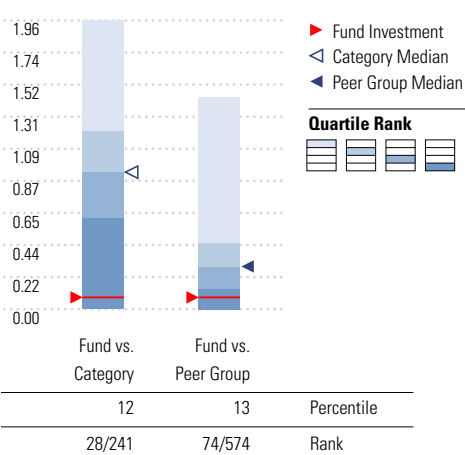
Growth of \$10,000



Trailing Performance



Net Expense



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

Portfolio Metrics

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

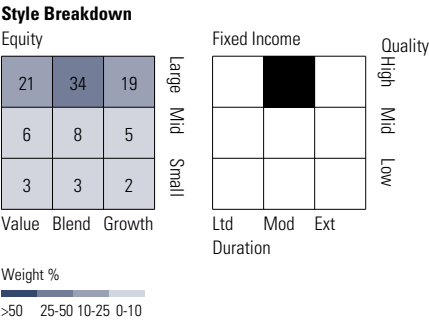
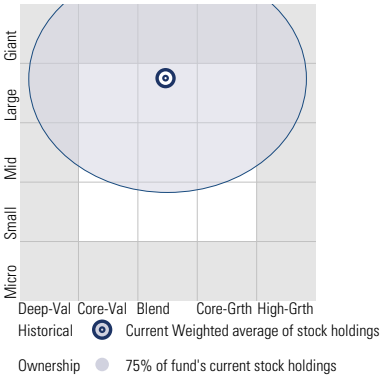
Vanguard Target Retirement 2055 Fund VFFVX

Morningstar Category
Target-Date 2055

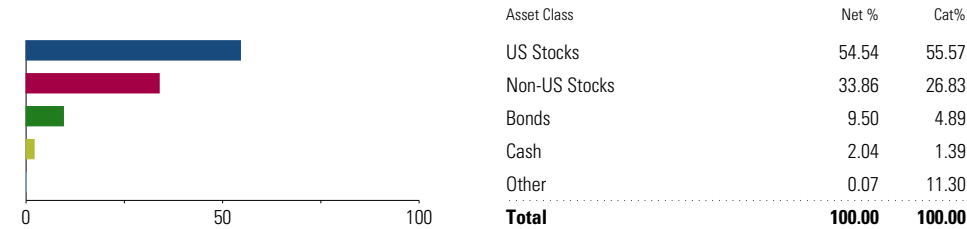
Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 12-31-2024

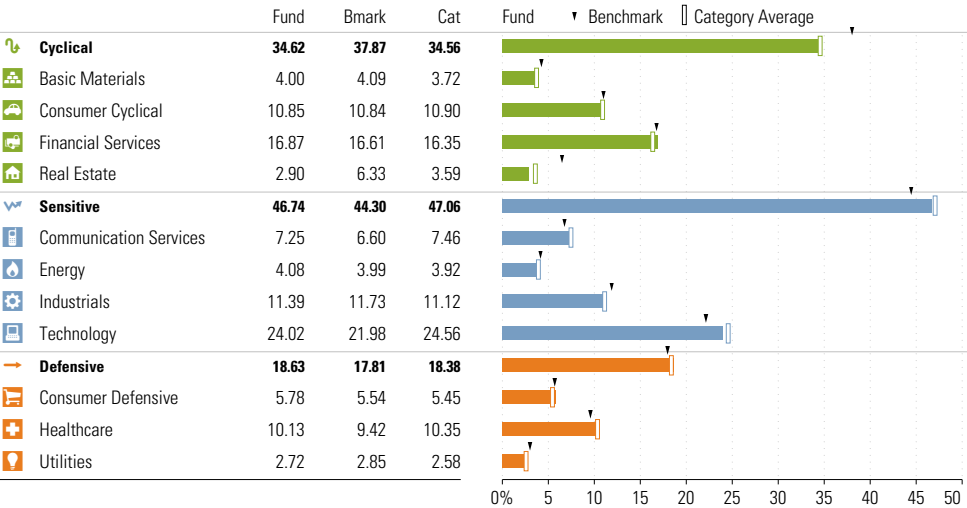
Morningstar Style Box™



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category Target-Date 2060
Morningstar Index Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
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 2060 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.86 years.
- Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2060 category average.

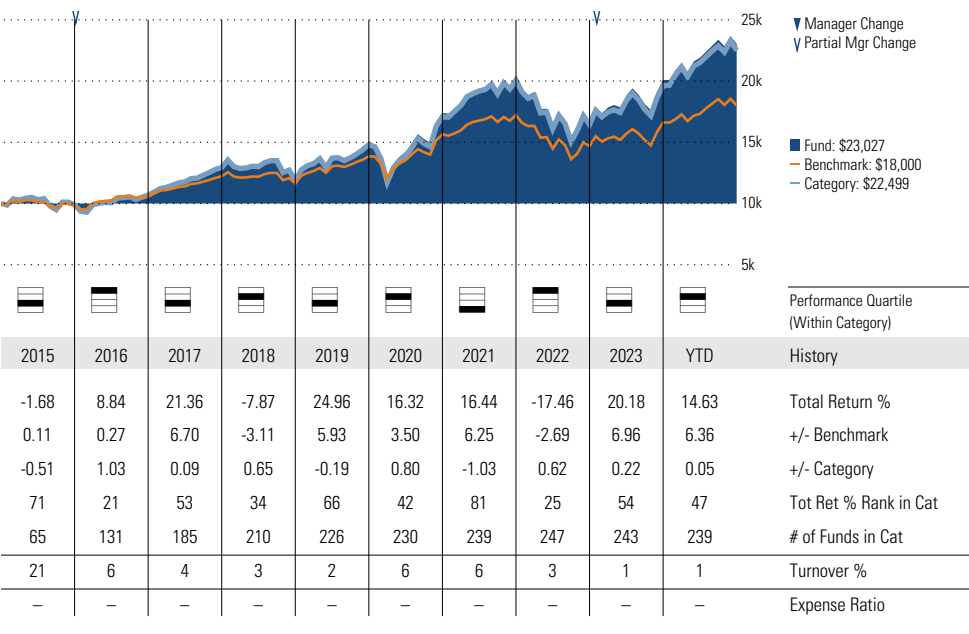
Morningstar Investment Management LLC Analysis

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

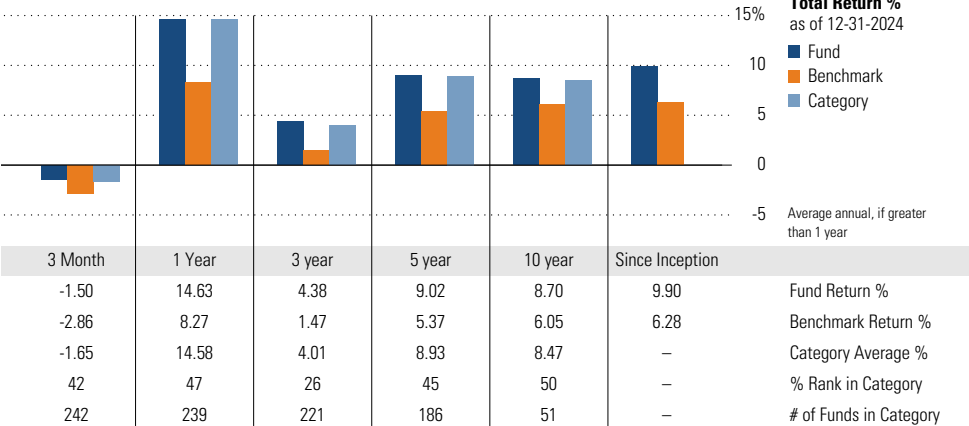
ESG Metrics

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

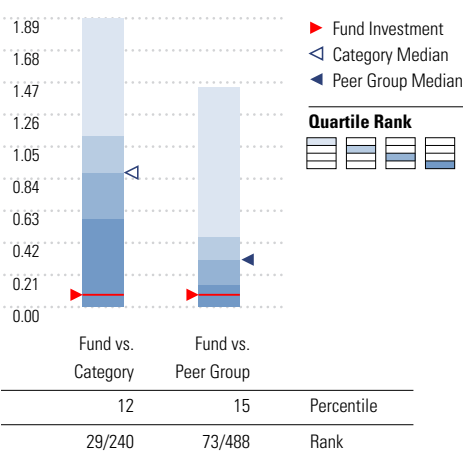
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

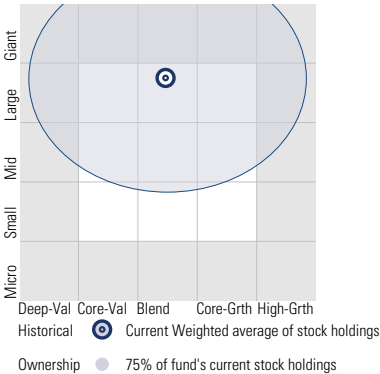
Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category
Target-Date 2060

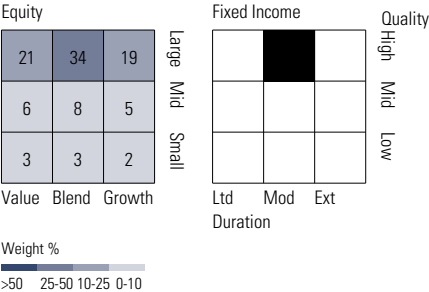
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2024

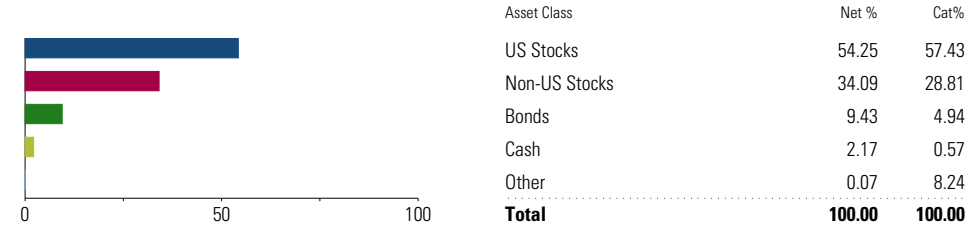
Morningstar Style Box™



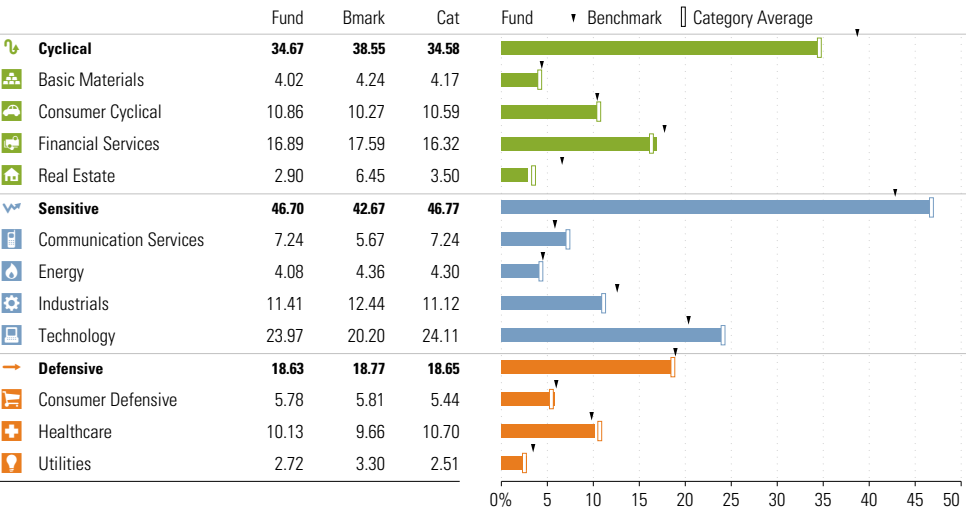
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2065 Fund

VLXVX

Morningstar Category
Target-Date 2065+
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Walter Nejman since 07-2017
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 2065+ category's top three quartiles in 5 of the 7 years it's been in existence.
- Management:** The fund's management has been in place for 7.48 years.
- Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 85.96% lower than the Target-Date 2065+ category average.

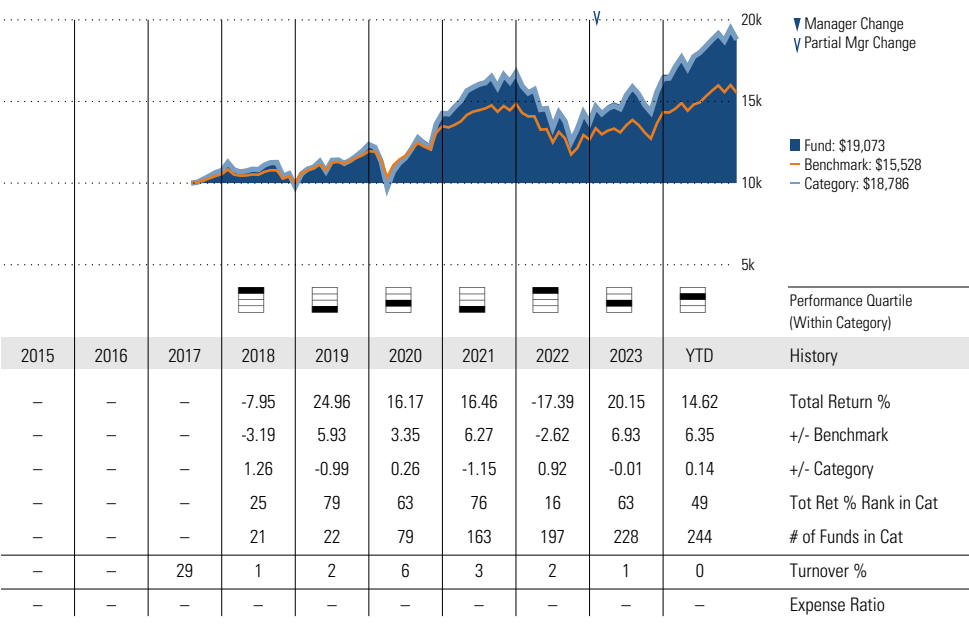
Morningstar Investment Management LLC Analysis

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

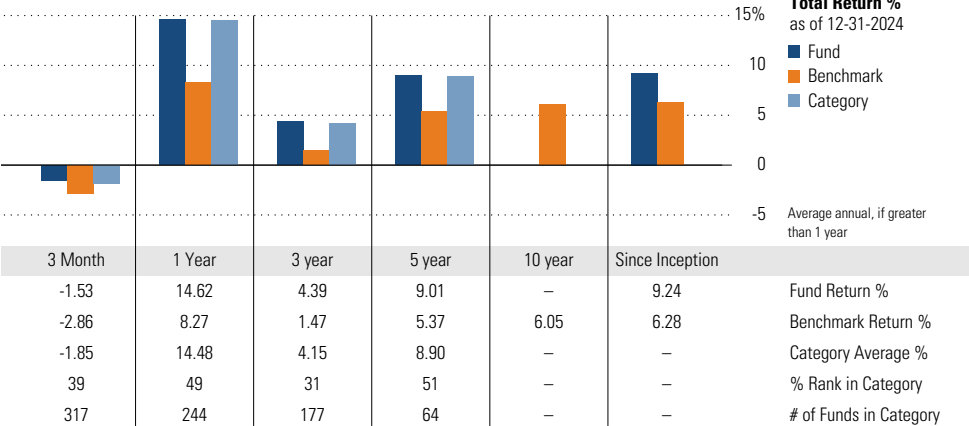
ESG Metrics

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

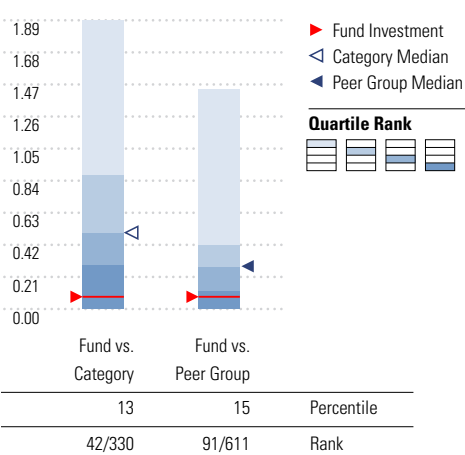
Growth of \$10,000



Trailing Performance



Net Expense



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

Portfolio Metrics

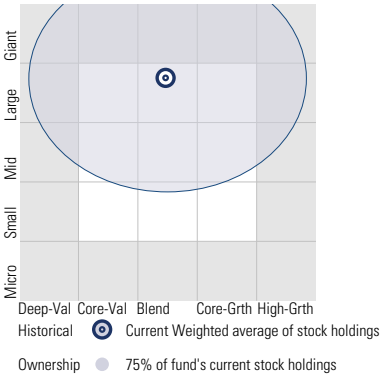
	Fund	Bmark	Cat
Price/Earnings Ratio	20.31	19.69	20.75
Price/Book Ratio	2.62	2.42	2.73
Avg Eff Duration	6.33	-	9.10

Vanguard Target Retirement 2065 Fund VLXVX

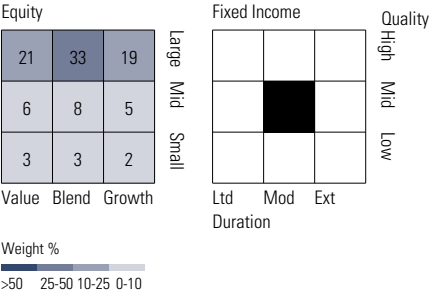
Morningstar Category Target-Date 2065+ Morningstar Index Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2024

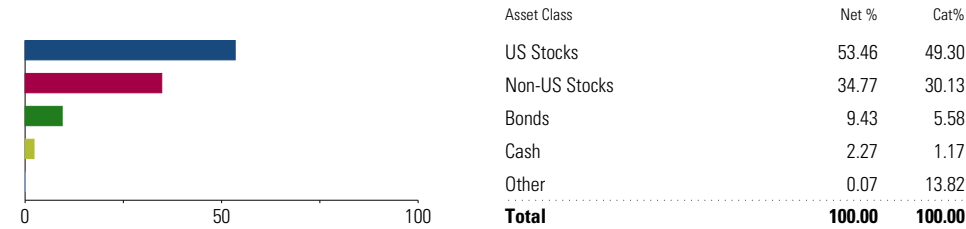
Morningstar Style Box™



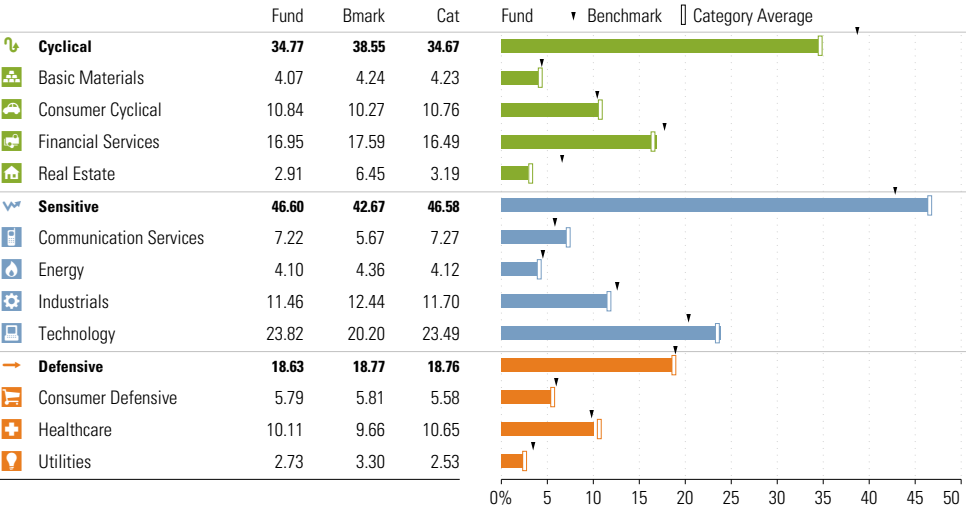
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2070 Fund VSVNX

Morningstar Category Target-Date 2065+ Morningstar Index Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Walter Nejman since 06-2022
Aur lie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Diaz since 02-2023

Quantitative Screens

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

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

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

Net Expense: The fund's expense ratio of 0.08 is 85.96% lower than the Target-Date 2065+ category average.

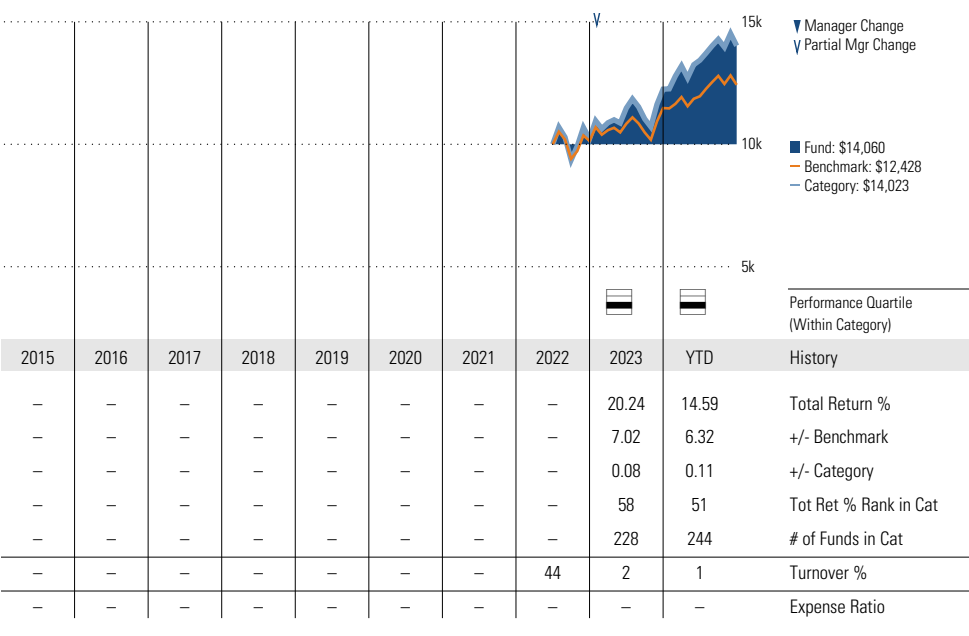
Morningstar Investment Management LLC Analysis

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

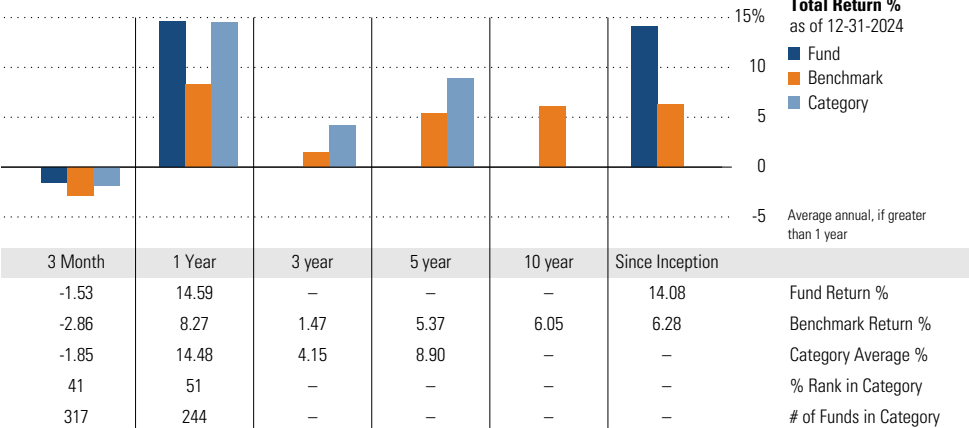
ESG Metrics

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

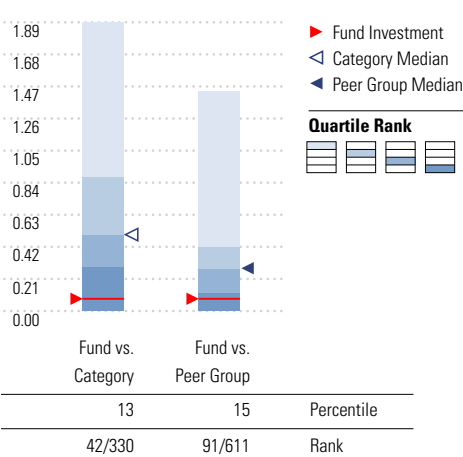
Growth of \$10,000



Trailing Performance



Net Expense



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

Portfolio Metrics

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

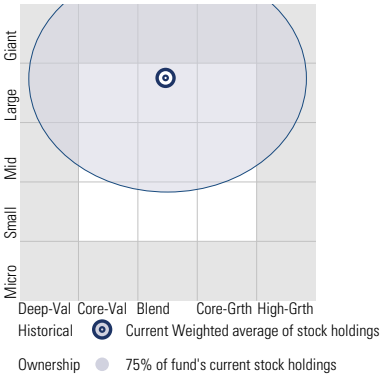
Vanguard Target Retirement 2070 Fund VSVNX

Morningstar Category
Target-Date 2065+

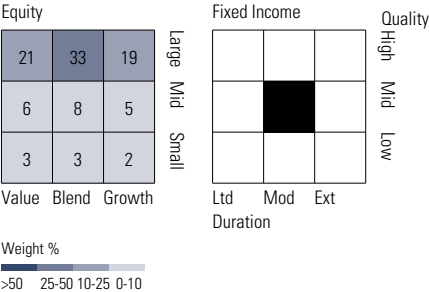
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2024

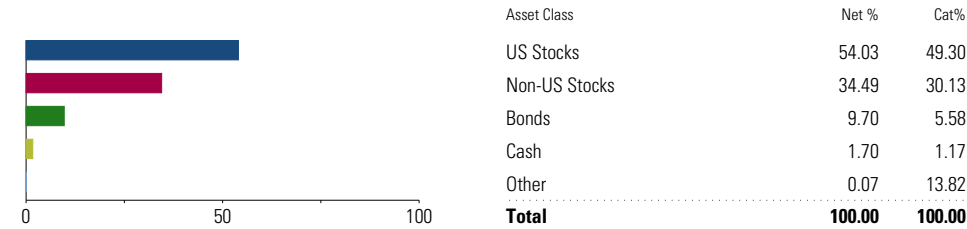
Morningstar Style Box™



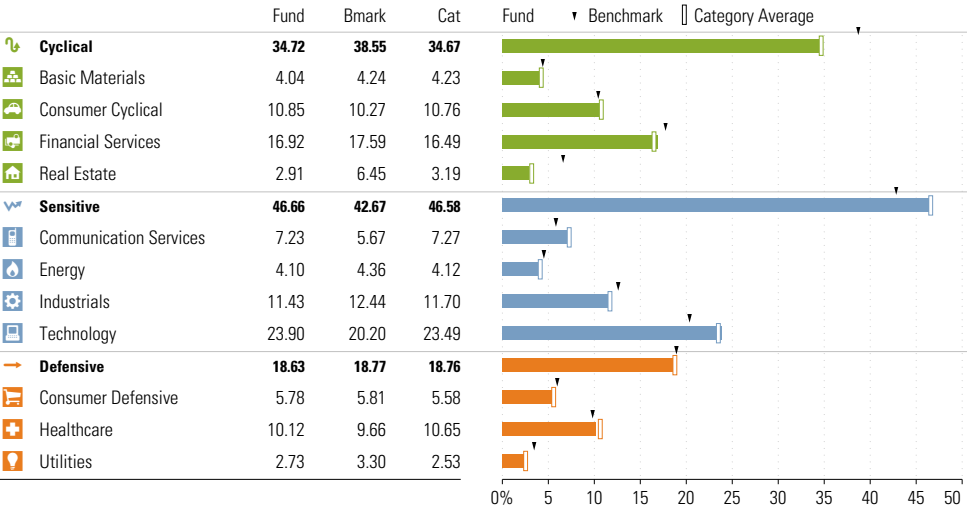
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement Income Fund VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
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 Retirement category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 11.86 years.
- Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.08 is 85.19% lower than the Target-Date Retirement category average.

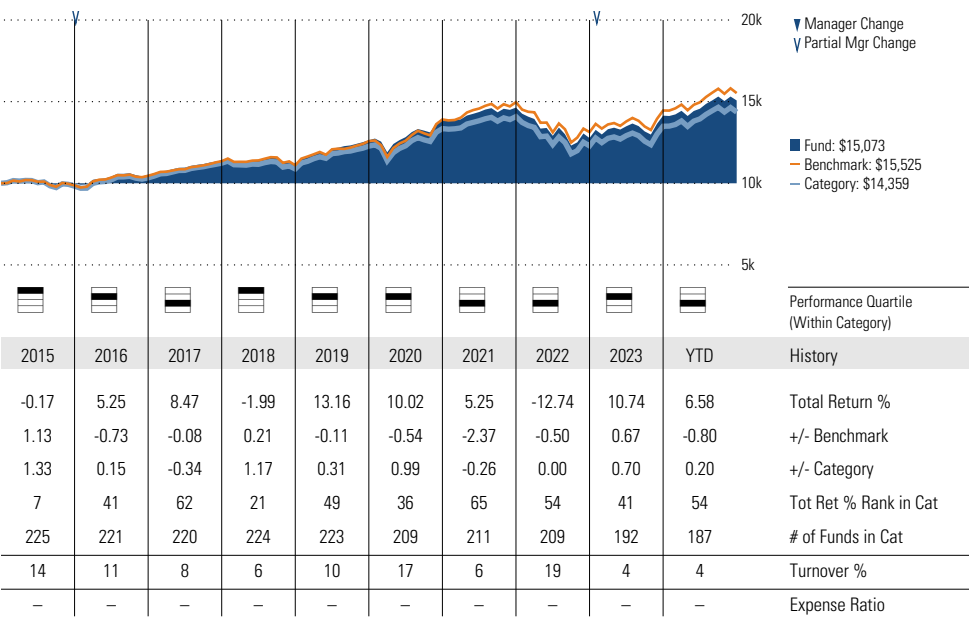
Morningstar Investment Management LLC Analysis

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

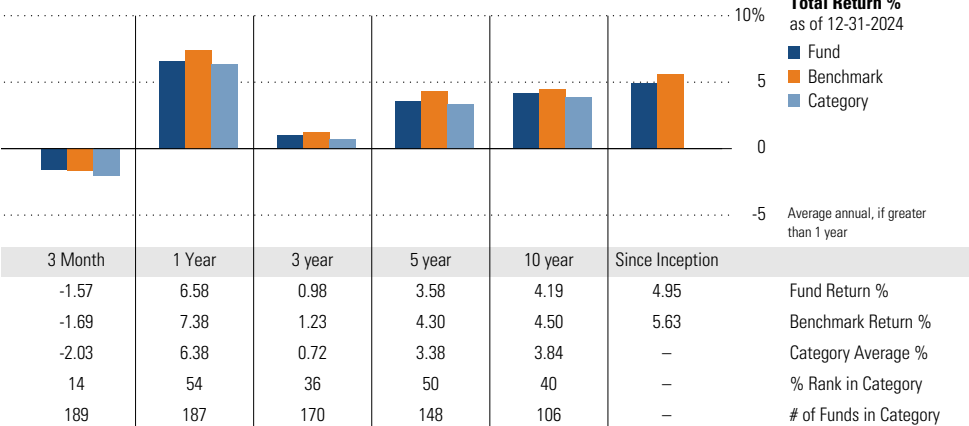
ESG Metrics

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

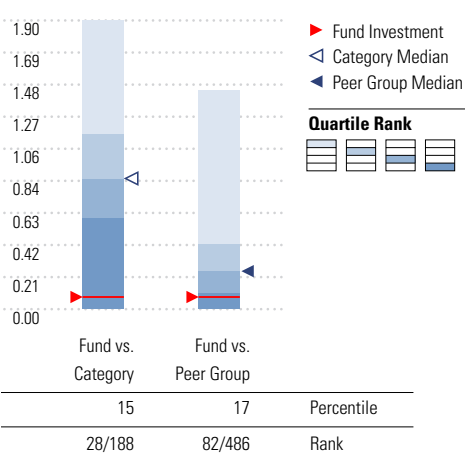
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

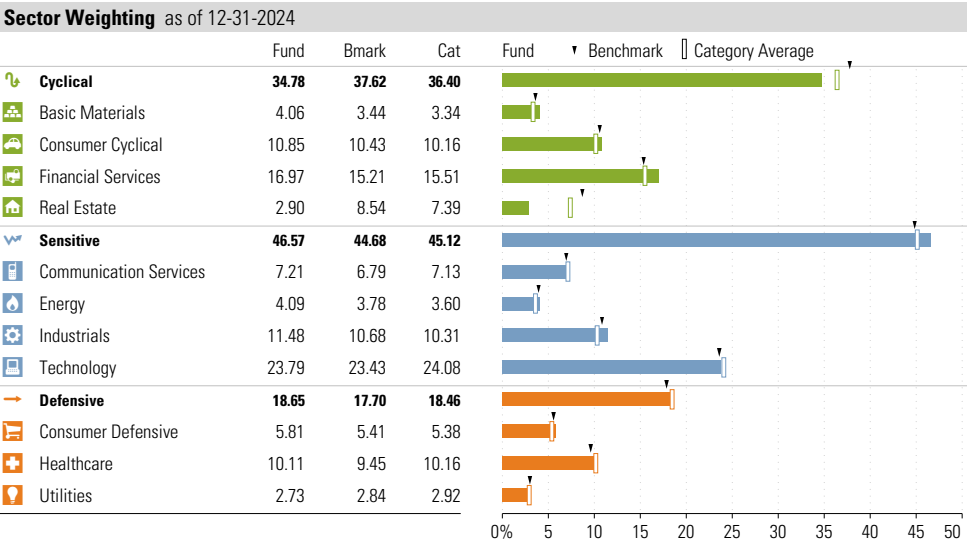
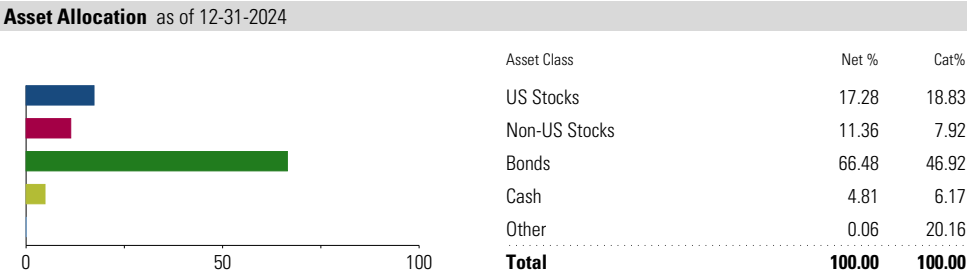
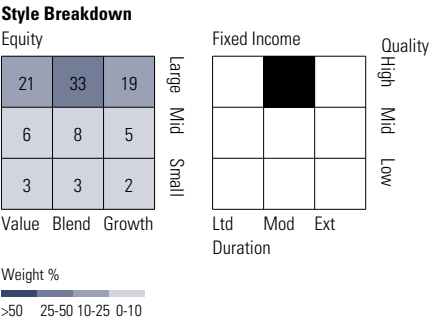
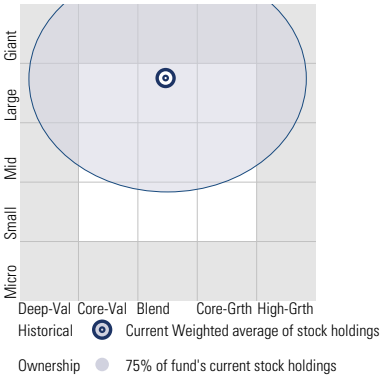
	Fund	Bmark	Cat
Price/Earnings Ratio	20.29	21.83	21.55
Price/Book Ratio	2.62	2.86	2.78
Avg Eff Duration	5.43	-	5.68

Vanguard Target Retirement Income Fund VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR
USD

Style Analysis as of 12-31-2024
Morningstar Style Box™



Top 7 Holdings as of 12-31-2024						
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	
⊕ Vanguard Total Bond Market II Idx Inv	—	37.02	37.02	—	—	
⊖ Vanguard Total Stock Mkt Idx Instl Pls	—	17.36	54.38	—	—	
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	—	17.14	71.52	—	—	
⊕ Vanguard Total Intl Bd II Idx Instl	—	16.22	87.74	—	—	
⊕ Vanguard Total Intl Stock Index Inv	—	11.62	99.35	—	—	
⊖ Mktliq 12/31/2049	—	0.67	100.02	—	—	
⊕ Us Dollar	—	0.02	100.04	—	—	

Total Holdings 7

⊕ Increase ⊖ Decrease ✖ New to Portfolio