

American Century Mid Cap Value I AVUAX

Morningstar Category
Mid-Cap Value

Morningstar Index
Russell Mid Cap Value TR USD

Portfolio Manager(s)

Michael Liss since 03-2004
Kevin Toney since 08-2008
Brian Woglom since 02-2012
Nathan Rawlins since 03-2022

Quantitative Screens

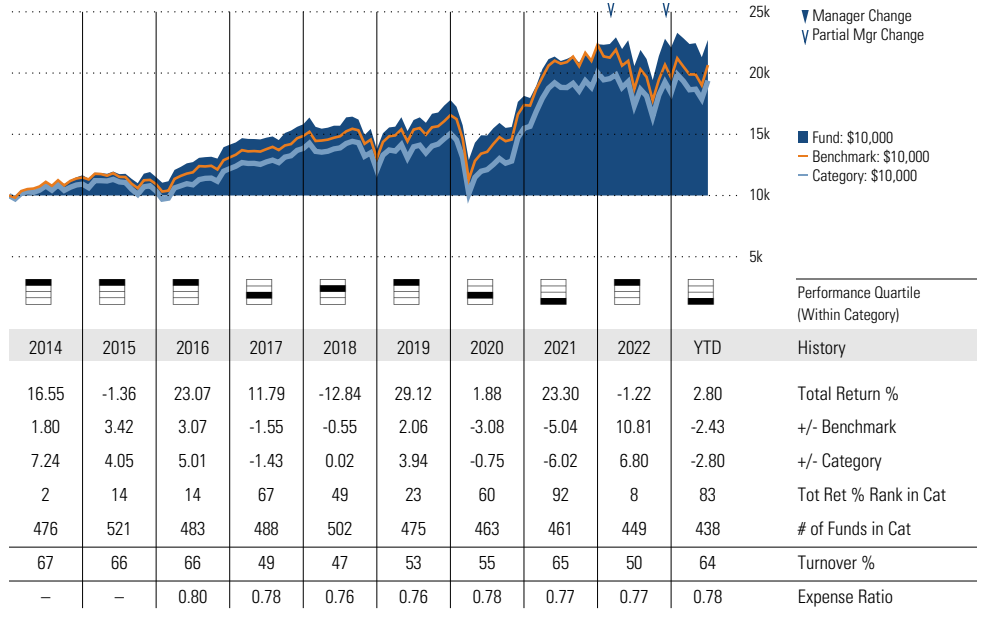
Performance: The fund has finished in the Mid-Cap Value category's top three quartiles in 8 of the 10 years it's been in existence.

Management: The fund's management has been in place for 19.26 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 0.77 is 20.62% lower than the Mid-Cap Value category average.

Growth of \$10,000



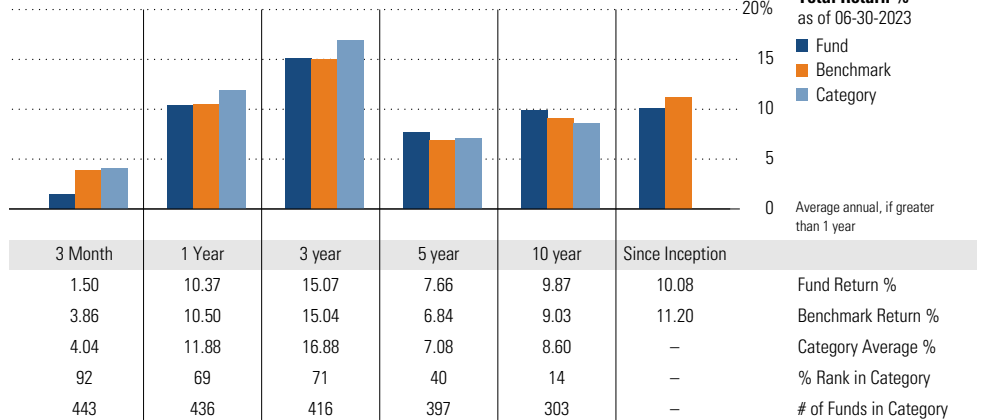
Morningstar Investment Management LLC Analysis

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

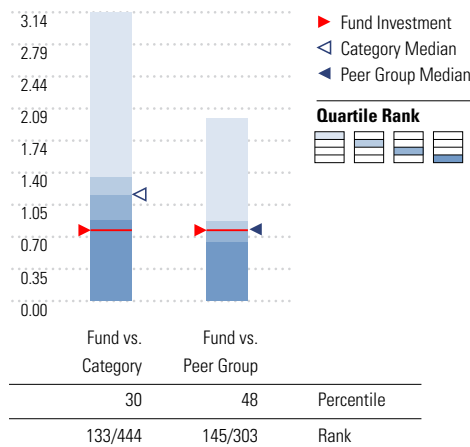
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.05	-	1.73
Beta	0.84	-	0.98
R-Squared	94.29	-	94.03
Standard Deviation	16.97	19.51	19.67
Sharpe Ratio	0.82	0.73	0.79
Tracking Error	5.07	-	4.89
Information Ratio	0.01	-	0.31
Up Capture Ratio	87.44	-	99.19
Down Capture Ratio	79.68	-	92.48

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.09	14.88	13.65
Price/Book Ratio	1.98	2.12	1.83
Geom Avg Mkt Cap \$B	17.74	17.08	12.84
ROE	15.11	14.14	15.37

American Century Mid Cap Value I AVUAX

Morningstar Category
Mid-Cap Value

Morningstar Index
Russell Mid Cap Value TR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	84.35	90.09
Non-US Stocks	13.25	7.20
Bonds	0.00	0.01
Cash	2.40	2.21
Other	0.00	0.49
Total	100.00	100.00

Sector Weighting as of 06-30-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	33.40	41.64	40.43			
Basic Materials	1.90	6.41	5.21			
Consumer Cyclical	5.73	10.41	12.03			
Financial Services	18.12	14.17	17.01			
Real Estate	7.65	10.65	6.18			
Sensitive	32.00	39.29	36.31			
Communication Services	3.59	3.71	3.15			
Energy	5.32	5.13	5.77			
Industrials	16.73	18.06	17.08			
Technology	6.36	12.39	10.31			
Defensive	34.60	19.08	23.26			
Consumer Defensive	9.65	3.86	6.73			
Healthcare	14.90	7.75	10.01			
Utilities	10.05	7.47	6.52			

Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Zimmer Biomet Holdings Inc	2.55	2.55	14.57	Healthcare
⊖ Northern Trust Corp	2.25	4.80	-14.52	Financial Services
⊕ Allstate Corp	2.22	7.02	-18.27	Financial Services
⊕ Edison International	2.21	9.23	10.32	Utilities
⊕ Conagra Brands Inc	2.15	11.38	-11.16	Consumer Defensive
⊖ Bank of New York Mellon Corp	2.09	13.47	-0.57	Financial Services
⊖ Koninklijke Ahold Delhaize NV	2.00	15.48	18.67	Consumer Defensive
⊕ Henry Schein Inc	1.92	17.40	1.54	Healthcare
⊕ Oshkosh Corp	1.92	19.32	-0.88	Industrials
⊕ Emerson Electric Co	1.92	21.24	-4.82	Industrials
⊖ Southwest Airlines Co	1.69	22.93	9.15	Industrials
⊕ Packaging Corp of America	1.69	24.62	5.28	Consumer Cyclical
⊖ Spire Inc	1.69	26.31	-5.78	Utilities
⊖ Dollar Tree Inc	1.64	27.95	1.46	Consumer Defensive
⊕ Enterprise Products Partners LP	1.63	29.58	13.31	Energy

Total Holdings 102

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds New Perspective R6 RNPGX

Morningstar Category
Global Large-Stock Growth

Morningstar Index
MSCI ACWI NR USD

Portfolio Manager(s)

Robert Lovelace since 12-2000
Jonathan Knowles since 12-2004
Brady Enright since 12-2005
Joanna Jonsson since 12-2005
Steven Watson since 12-2005
Noriko Chen since 04-2012
Andraz Razen since 07-2015
Barbara Burtin since 12-2018
Patrice Collette since 12-2018

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.59 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.41 is 61.68% lower than the Global Large-Stock 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	2	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.30	-	-4.16
Beta	1.14	-	1.10
R-Squared	95.93	-	87.74
Standard Deviation	20.05	17.27	20.38
Sharpe Ratio	0.53	0.60	0.38
Tracking Error	4.68	-	7.28
Information Ratio	-0.04	-	-0.47
Up Capture Ratio	110.65	-	99.76
Down Capture Ratio	116.30	-	117.38

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	17.89	25.46
Price/Book Ratio	3.64	2.63	4.44
Geom Avg Mkt Cap \$B	118.09	112.18	140.91
ROE	25.53	24.38	24.35

American Funds New Perspective R6 RNPGX

Morningstar Category
Global Large-Stock Growth

Morningstar Index
MSCI ACWI NR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	49.61	55.04
Non-US Stocks	44.04	42.37
Bonds	0.00	0.00
Cash	6.35	2.04
Other	0.00	0.55
Total	100.00	100.00

Sector Weighting as of 06-30-2023



World Regions % Equity 06-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	11.44	13.49	Americas	57.58	60.08	Greater Europe	30.99	26.44	Developed Markets	95.76
Japan	3.17	4.48	North America	56.23	58.64	United Kingdom	5.54	4.95	Emerging Markets	4.24
Australasia	0.09	0.32	Central/Latin	1.35	1.44	W euro-ex UK	24.95	21.13	Not Available	0.00
Asia-4 Tigers	5.62	4.01				Emrgng Europe	0.00	0.02		
Asia-ex 4 Tigers	2.56	4.68				Africa	0.50	0.34		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	6.35	6.35	—	—
⊖ Microsoft Corp	4.69	11.04	42.57	Technology
⊕ Novo Nordisk A/S Class B	2.48	13.52	18.08	Healthcare
⊖ Tesla Inc	2.39	15.91	112.51	Consumer Cyclical
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.29	18.21	29.65	Technology
⊖ Meta Platforms Inc Class A	2.15	20.36	138.47	Communication Svc
⊖ Broadcom Inc	1.91	22.27	56.78	Technology
⊖ Eli Lilly and Co	1.51	23.78	28.81	Healthcare
⊖ ASML Holding NV	1.46	25.24	32.21	Technology
LVMH Moët Hennessy Louis Vuitton SE	1.33	26.58	27.96	Consumer Cyclical

Total Holdings 297

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

Carl Kawaja since 06-1999
 Robert Lovelace since 06-1999
 Christopher Thomsen since 01-2009
 Winnie Kwan since 01-2009
 Tomonori Tani since 10-2013
 Jonathan Knowles since 01-2016
 Bradford Freer since 01-2017
 Akira Shiraishi since 01-2017
 Lisa Thompson since 10-2019
 Kirstie Spence since 12-2019
 Dawid Justus since 01-2020
 Piyada Phanaphat since 01-2020

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 24.05 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.57 is 50% lower than the Diversified Emerging Mkts category average.

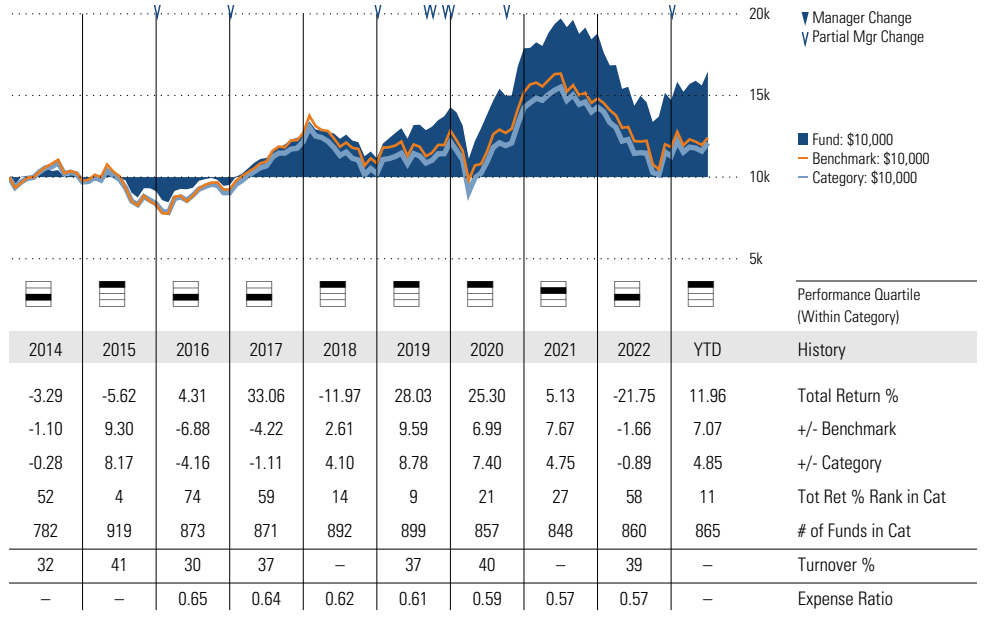
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.96	-	0.46
Beta	0.85	-	0.97
R-Squared	78.63	-	87.17
Standard Deviation	17.16	17.90	18.62
Sharpe Ratio	0.33	0.13	0.15
Tracking Error	8.38	-	6.47
Information Ratio	0.43	-	0.01
Up Capture Ratio	96.76	-	100.12
Down Capture Ratio	80.67	-	99.16

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.17	11.97	13.15
Price/Book Ratio	2.98	1.58	1.85
Geom Avg Mkt Cap \$B	59.03	35.41	43.06
ROE	22.42	16.67	18.25

American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



Style Breakdown

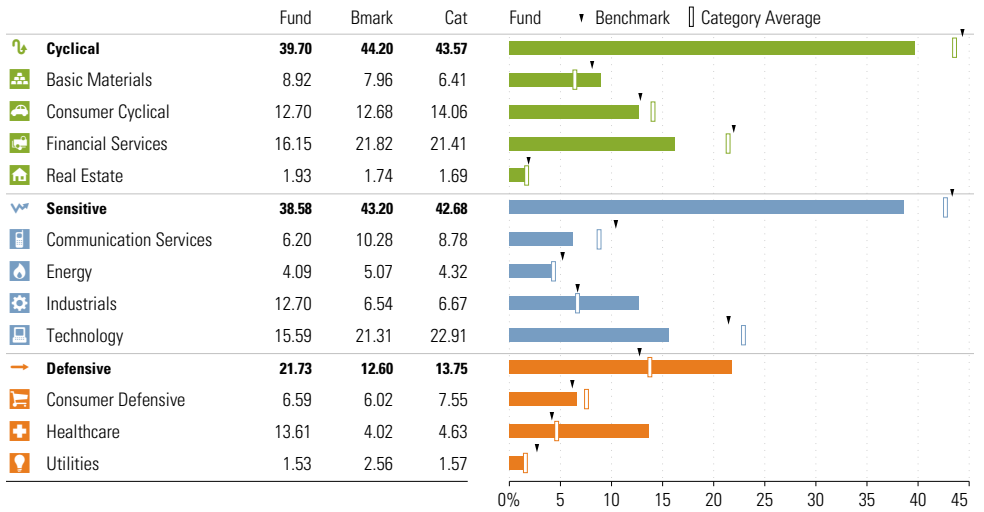


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	22.73	3.10
Non-US Stocks	68.10	94.98
Bonds	3.75	0.01
Cash	4.99	1.75
Other	0.43	0.16
Total	100.00	100.00

Sector Weighting as of 06-30-2023



World Regions % Equity 06-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	38.48	75.24	Americas	36.40	14.67	Greater Europe	25.12	10.08	Developed Markets	59.04
Japan	2.51	0.10	North America	26.68	2.91	United Kingdom	2.38	0.63	Emerging Markets	40.96
Australasia	0.46	0.00	Central/Latin	9.72	11.76	W euro-ex UK	20.00	1.89	Not Available	0.00
Asia-4 Tigers	6.81	27.46				Emrgng Europe	0.59	1.41		
Asia-ex 4 Tigers	28.70	47.68				Africa	2.15	6.15		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.81	4.81	-	-
Microsoft Corp	2.91	7.72	42.57	Technology
Novo Nordisk A/S Class B	2.17	9.89	18.08	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.02	11.91	29.65	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.82	13.72	27.96	Consumer Cyclical
Kotak Mahindra Bank Ltd	1.61	15.33	1.06	Financial Services
Airbus SE	1.55	16.88	20.84	Industrials
Eli Lilly and Co	1.26	18.13	28.81	Healthcare
Reliance Industries Ltd	1.16	19.30	0.12	Energy
AIA Group Ltd	1.12	20.42	-7.56	Financial Services

Total Holdings 590

⊕ 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
- Jeffrey Lager since 07-2004
- 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
- Mark Casey since 07-2016
- Emme Kozloff since 07-2016

Quantitative Screens

- Performance:** The fund has finished in the Large Blend 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 26.01 years.
- Style:** The fund has landed in its primary style box — Large Blend — 40 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.27 is 64.47% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen as the portfolio has slightly drifted from the large-blend portion of the Morningstar style box to the large-value portion however, the underlying investment strategy remains consistent so we are not concerned with this style failure.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

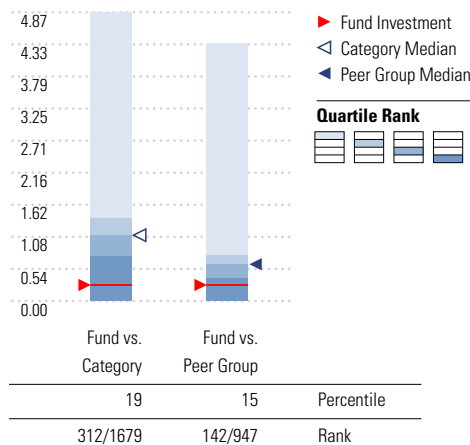
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.34	-	-0.66
Beta	0.82	-	0.94
R-Squared	89.99	-	94.49
Standard Deviation	15.77	18.19	17.67
Sharpe Ratio	0.84	0.75	0.68
Tracking Error	5.94	-	3.87
Information Ratio	0.01	-	-1.22
Up Capture Ratio	87.90	-	92.67
Down Capture Ratio	80.42	-	95.01

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.42	22.84	21.76
Price/Book Ratio	3.61	4.02	4.30
Geom Avg Mkt Cap \$B	152.24	223.20	261.92
ROE	29.65	29.42	28.63

American Funds Washington Mutual R6 RWMGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



Style Breakdown

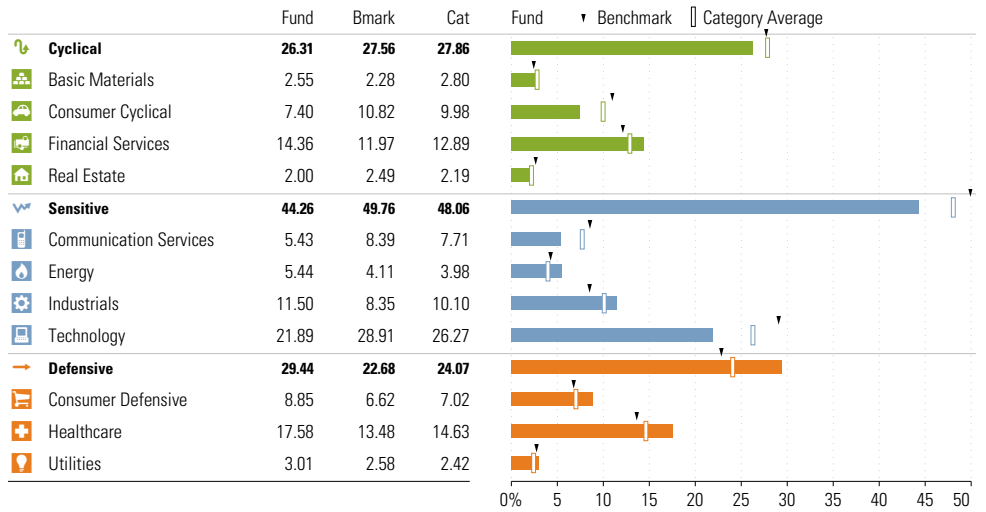


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	88.86	94.95
Non-US Stocks	7.01	2.96
Bonds	0.00	0.16
Cash	4.07	0.86
Other	0.07	1.05
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	6.43	6.43	56.78	Technology
⊖ Microsoft Corp	6.19	12.62	42.57	Technology
⊕ Capital Group Central Cash Fund	4.02	16.64	-	-
⊖ UnitedHealth Group Inc	3.24	19.88	-8.68	Healthcare
⊖ Comcast Corp Class A	2.68	22.55	20.42	Communication Svc
Marsh & McLennan Companies Inc	2.51	25.06	14.37	Financial Services
⊖ Eli Lilly and Co	1.98	27.04	28.81	Healthcare
⊕ Northrop Grumman Corp	1.80	28.84	-15.80	Industrials
⊖ The Home Depot Inc	1.75	30.59	-0.33	Consumer Cyclical
⊕ Philip Morris International Inc	1.70	32.29	-1.04	Consumer Defensive
Apple Inc	1.60	33.89	49.65	Technology
⊕ Johnson & Johnson	1.56	35.45	-4.99	Healthcare
⊕ JPMorgan Chase & Co	1.40	36.86	9.95	Financial Services
⊕ ASML Holding NV ADR	1.23	38.09	33.25	Technology
⊖ AstraZeneca PLC ADR	1.20	39.29	7.01	Healthcare

Total Holdings 192

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

- M. Sharon deGuzman since 09-2000
- Mary Ellen Stanek since 09-2000
- Charles Groeschell since 09-2000
- Warren Pierson since 09-2000
- Meghan Dean since 05-2019
- Jay Schwister since 05-2019
- Jeffrey Schrom since 05-2019
- Patrick Brown since 05-2021
- Abhishek Pulakanti since 05-2022
- Andrew O'Connell since 05-2022

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.76 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 45.45% lower than the Intermediate Core Bond category average.

Morningstar Investment Management LLC Analysis

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

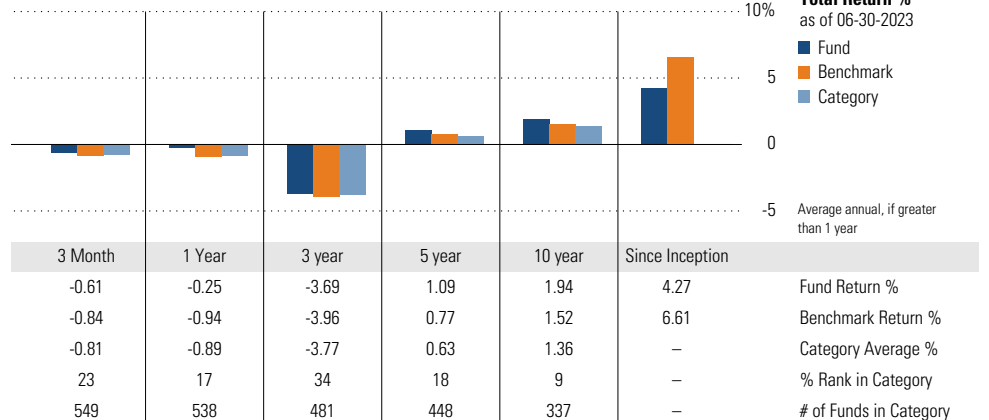
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.34	-	0.13
Beta	1.01	-	0.98
R-Squared	99.42	-	96.63
Standard Deviation	6.27	6.17	6.16
Sharpe Ratio	-0.83	-0.89	-0.86
Tracking Error	0.49	-	1.01
Information Ratio	0.56	-	-0.01
Up Capture Ratio	103.64	-	98.61
Down Capture Ratio	99.44	-	97.19

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.31	4.43	6.10
Avg Eff Maturity	8.44	-	8.59

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2023

Style Breakdown



Asset Allocation as of 06-30-2023

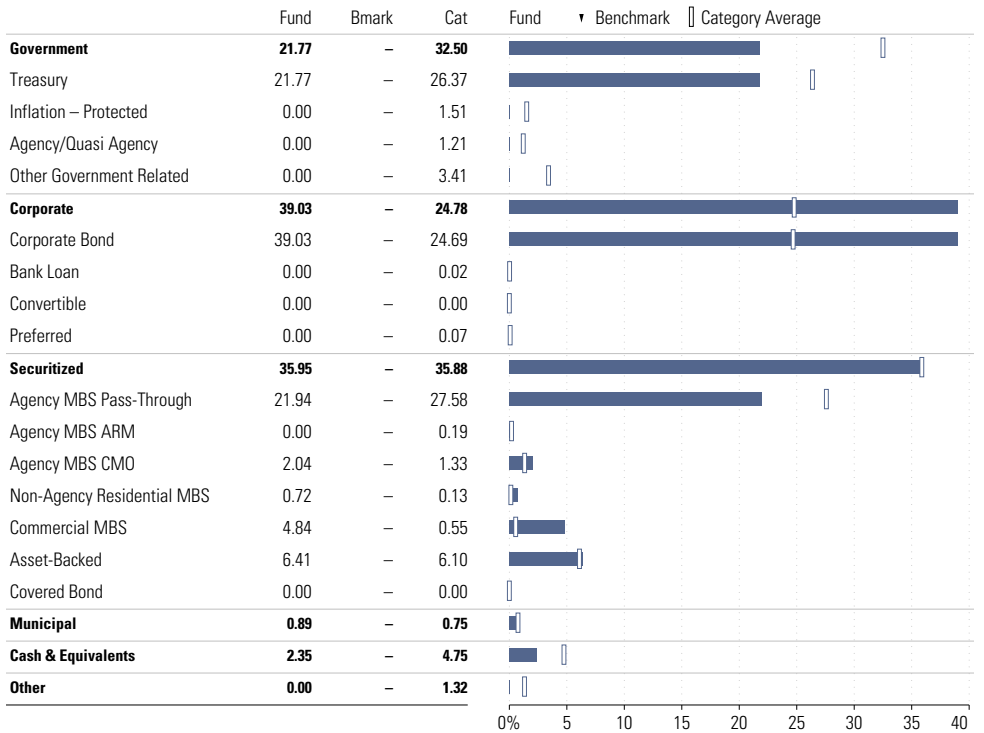


Asset Class	Net %	Cat%
US Stocks	0.00	0.18
Non-US Stocks	0.00	0.01
Bonds	97.56	96.37
Cash	2.35	2.44
Other	0.09	0.99
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	59.70	3.53	51.91
AA	3.80	74.59	10.82
A	13.10	10.82	23.19
BBB	23.20	8.32	12.64
BB	0.20	0.28	0.44
B	0.00	0.00	0.25
Below B	0.00	0.00	0.08
Not Rated	0.00	2.46	0.67

Sector Weighting as of 06-30-2023



Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.13%	10-2026	3.31	3.31	-
United States Treasury Bonds 2.5%	02-2045	3.13	6.44	-
⊕ First American Government Obligs U	02-2030	2.28	8.71	-
United States Treasury Bonds 2.88%	05-2043	2.27	10.99	-
⊕ United States Treasury Notes 1.13%	08-2028	2.24	13.23	-
United States Treasury Bonds 1.38%	11-2040	1.77	15.00	-
⊕ United States Treasury Notes 2.38%	03-2029	1.41	16.41	-
⊕ United States Treasury Bonds 2.38%	02-2042	1.20	17.61	-
⊖ United States Treasury Notes 2.88%	05-2032	1.04	18.65	-
⊕ United States Treasury Bonds 2.88%	05-2052	1.01	19.66	-

Total Holdings 1710

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BlackRock Global Allocation Instl MALOX

Morningstar Category
Global Allocation

Morningstar Index
Morningstar Gbl Allocation TR USD

Portfolio Manager(s)

Russ Koesterich since 01-2017
David Clayton since 01-2017
Rick Rieder since 04-2019

Quantitative Screens

✔ **Performance:** The fund has finished in the Global Allocation 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 6.5 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 0.84 is 24.32% lower than the Global Allocation category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	09-30-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.29	-	1.40
Beta	0.97	-	0.93
R-Squared	97.22	-	87.46
Standard Deviation	12.70	12.89	12.86
Sharpe Ratio	0.32	0.31	0.38
Tracking Error	2.15	-	4.44
Information Ratio	0.08	-	0.15
Up Capture Ratio	97.77	-	99.51
Down Capture Ratio	96.17	-	92.91

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.55	17.25	14.90
Price/Book Ratio	2.87	2.45	2.02
Avg Eff Duration	3.90	-	3.42

BlackRock Global Allocation Instl MALOX

Morningstar Category
Global Allocation

Morningstar Index
Morningstar Gbl Allocation TR USD

Style Analysis as of 06-30-2023

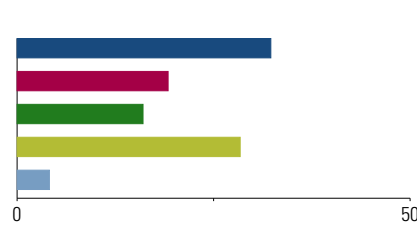
Morningstar Style Box™



Style Breakdown

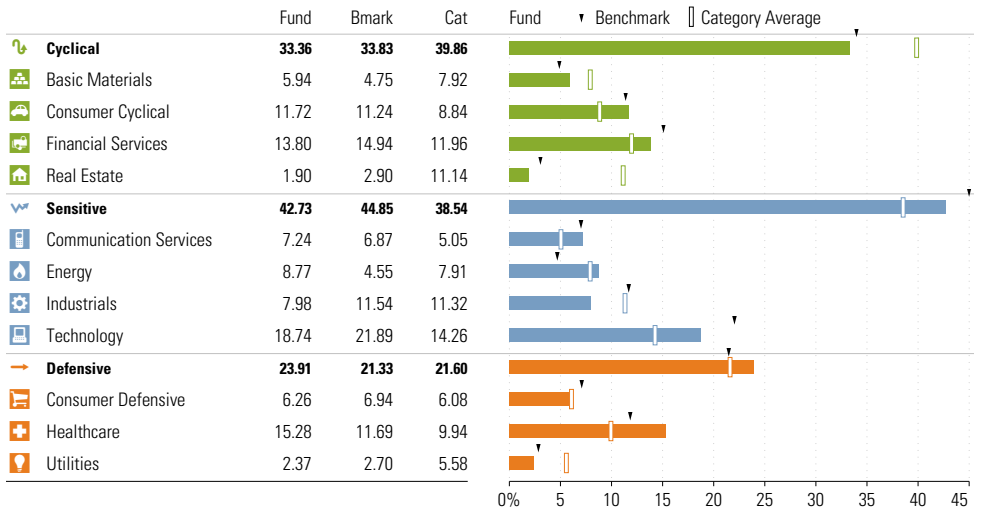


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	32.28	32.23
Non-US Stocks	19.21	26.48
Bonds	16.02	24.30
Cash	28.38	11.25
Other	4.11	5.74
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ois 02-May-2025 Pay	05-2025	9.52	9.52	--	--
⊕ 2.720000 02-May-2025 Receive	05-2025	9.25	18.77	--	--
⊕ Ois 02-May-2024 Pay	05-2024	8.01	26.78	--	--
⊕ 2.650000 02-May-2024 Receive	05-2024	7.82	34.60	--	--
⊕ 4.457500 12-Jul-2024 Receive	07-2024	4.68	39.27	--	--
⊕ Ois 12-Jul-2024 Pay	07-2024	4.67	43.95	--	--
⊕ Ois 02-May-2032 Pay	05-2032	4.34	48.29	--	--
⊕ Japan (Government Of)	03-2023	4.31	52.60	--	--
⊕ 2.650000 02-May-2032 Receive	05-2032	4.15	56.75	--	--
⊕ Ois 02-May-2052 Pay	05-2052	2.98	59.74	--	--

Total Holdings 2292

⊕ Increase ⊖ Decrease ✨ New to Portfolio

BlackRock Inflation Protected Bond Instl BPRIX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Portfolio Manager(s)

Christopher Allen since 02-2017
David Rogal since 03-2018

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.38 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.56 is 5.08% 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	09-30-2022

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	0.42	-	0.39
Beta	1.02	-	0.90
R-Squared	99.23	-	93.20
Standard Deviation	7.13	6.94	6.45
Sharpe Ratio	-0.15	-0.21	-0.12
Tracking Error	0.65	-	1.94
Information Ratio	0.63	-	-0.10
Up Capture Ratio	102.61	-	90.88
Down Capture Ratio	98.09	-	86.78

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.39	4.52	5.61
Avg Eff Maturity	8.56	-	6.56

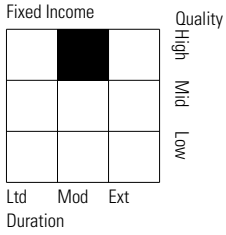
BlackRock Inflation Protected Bond Instl BPRIX

Morningstar Category
Inflation-Protected Bond

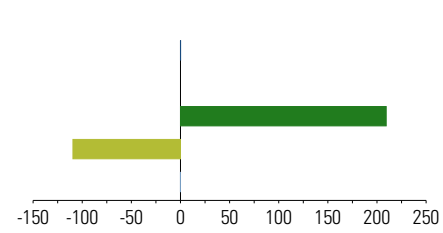
Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 06-30-2023

Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	0.13	0.02
Non-US Stocks	0.00	-0.02
Bonds	209.37	99.25
Cash	-109.45	0.58
Other	-0.03	0.17
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	96.97	0.00	93.28
AA	0.09	99.60	0.25
A	0.17	0.00	0.78
BBB	0.38	0.00	1.38
BB	0.02	0.00	1.75
B	0.04	0.00	1.27
Below B	0.02	0.00	0.40
Not Rated	2.31	0.40	0.89

Sector Weighting as of 06-30-2023



Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Barclays Capital Us Tips Index (Se	-	100.38	100.38	-
⊕ Barclays Capital Us Tips Index (Se	-	100.38	200.77	-
✱ Cash Offset	-	97.91	298.68	-
⊕ Three-Month Sofr Future Mar 24	-	69.67	368.34	-
⊖ Three-Month Sofr Future Jun 24	-	24.85	393.19	-
⊕ Oct23 Sfrz3 P @ 95.625	-	21.71	414.90	-
⊖ Oct23 Sfrz3 P @ 95.375	-	20.54	435.45	-
⊖ Oct23 Sfrz3 P @ 95.25	-	11.89	447.33	-
⊕ Oct23 Sfrz3 P @ 95	-	10.63	457.96	-
⊖ Three Month SONIA Index Future June 24	09-2024	8.46	466.42	-

Total Holdings 328

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Delaware Small Cap Value Instl DEVIX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Portfolio Manager(s)

Steven Catricks since 07-2012
Kelley Carabasi since 07-2012
Kent Madden since 07-2012
Michael Foley since 07-2019

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11 years.

✔ **Style:** The fund has landed in its primary style box — Small Value — 96.77 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.86 is 23.21% lower than the Small Value category average.

Growth of \$10,000



Morningstar Investment Management LLC Analysis

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

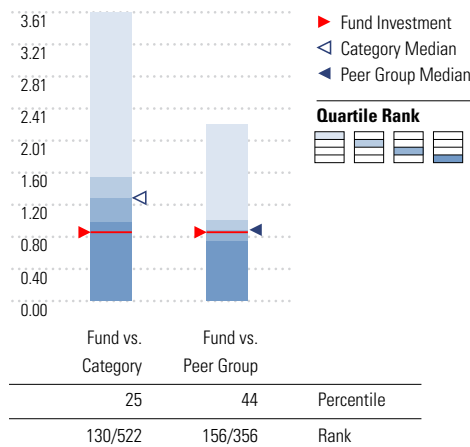
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.51	-	3.22
Beta	0.98	-	0.95
R-Squared	93.95	-	93.19
Standard Deviation	22.82	22.66	22.34
Sharpe Ratio	0.72	0.67	0.79
Tracking Error	5.64	-	5.93
Information Ratio	0.22	-	0.50
Up Capture Ratio	101.14	-	100.18
Down Capture Ratio	97.58	-	90.57

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	10.99	8.49	10.20
Price/Book Ratio	1.54	1.20	1.45
Geom Avg Mkt Cap \$B	4.20	1.80	4.13
ROE	17.24	7.82	16.17

Delaware Small Cap Value Instl DEVIX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



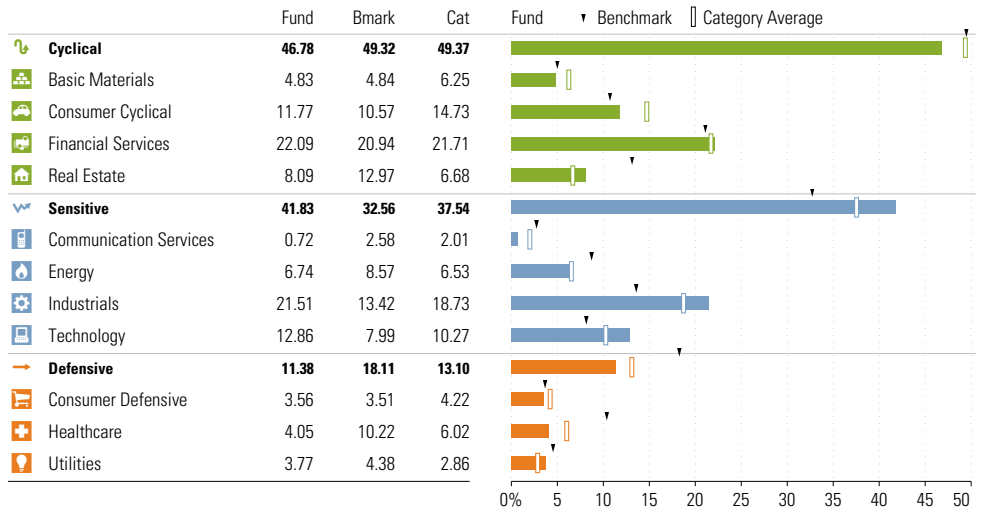
Style Breakdown



Asset Allocation as of 06-30-2023



Sector Weighting as of 06-30-2023



Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Atkore Inc	2.26	2.26	37.49	Industrials
MasTec Inc	2.11	4.37	38.25	Industrials
ITT Inc	1.78	6.15	15.65	Industrials
Stifel Financial Corp	1.60	7.75	3.46	Financial Services
Hancock Whitney Corp	1.53	9.28	-19.45	Financial Services
Flex Ltd	1.51	10.79	28.80	Technology
Webster Financial Corp	1.47	12.25	-18.57	Financial Services
Meritage Homes Corp	1.43	13.69	54.89	Consumer Cyclical
Louisiana-Pacific Corp	1.41	15.10	27.47	Industrials
F N B Corp	1.40	16.51	-10.50	Financial Services
Power Integrations Inc	1.37	17.88	32.53	Technology
Berry Global Group Inc	1.35	19.23	7.30	Consumer Cyclical
KBR Inc	1.35	20.58	23.73	Industrials
Valley National Bancorp	1.32	21.90	-29.53	Financial Services
H.B. Fuller Co	1.29	23.19	0.40	Basic Materials

Total Holdings 107

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Eaton Vance Income Fund of Boston I EIBIX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofA US High Yield TR USD

Portfolio Manager(s)

Stephen Concannon since 11-2014
Jeffrey Mueller since 06-2019
Kelley Baccei Gerrity since 06-2019

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 8.66 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.75 is 15.73% 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.

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.08	-	0.18
Beta	0.92	-	0.90
R-Squared	98.34	-	94.17
Standard Deviation	7.94	8.53	7.86
Sharpe Ratio	0.35	0.23	0.24
Tracking Error	1.22	-	1.96
Information Ratio	0.73	-	-0.23
Up Capture Ratio	96.61	-	90.52
Down Capture Ratio	86.12	-	88.78

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.95	-	3.33
Avg Eff Maturity	5.40	-	5.05

Eaton Vance Income Fund of Boston I EIBIX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofA US High Yield TR USD

Style Analysis as of 06-30-2023

Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	0.47	0.12
Non-US Stocks	0.23	0.12
Bonds	93.66	94.43
Cash	3.79	3.29
Other	1.85	1.57
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.22
AA	0.00	-	0.10
A	0.00	-	0.37
BBB	5.81	-	6.39
BB	41.81	-	39.29
B	36.77	-	34.59
Below B	9.87	-	15.56
Not Rated	5.74	-	2.47

Sector Weighting as of 06-30-2023



Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Msif Government Portfolio Msif Government Portfolio	12-2030	3.52	3.52	-
CCO Holdings, LLC/ CCO Holdings Capital Corp. 4.5%	08-2030	0.80	4.32	-
⊖ SPDR® Blmbg High Yield Bd ETF	-	0.67	4.99	-
Mozart Debt Merger Subordinated Inc. 5.25%	10-2029	0.64	5.64	-
Rolls-Royce PLC 5.75%	10-2027	0.59	6.22	-
Sprint Capital Corporation 6.875%	11-2028	0.57	6.80	-
Neptune Energy Bondco PLC 6.625%	05-2025	0.53	7.33	-
Panther Bf Agg 2 Fixed Coupon 4.375000 Maturity 20260515	05-2026	0.51	7.85	-
Connect Finco SARL/Connect US Finco LLC 6.75%	10-2026	0.51	8.36	-
Compass Minerals International Inc. 6.75%	12-2027	0.50	8.86	-

Total Holdings 456

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category
Ultrashort Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.99 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 42.22% lower than the Ultrashort Bond category average.

Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.23	-	1.42
Beta	0.05	-	0.09
R-Squared	23.58	-	28.83
Standard Deviation	0.65	6.17	1.02
Sharpe Ratio	-1.31	-0.89	-0.85
Tracking Error	5.89	-	5.72
Information Ratio	0.85	-	0.88
Up Capture Ratio	10.91	-	15.48
Down Capture Ratio	-3.42	-	-1.16

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.48	4.43	0.80
Avg Eff Maturity	5.22	-	3.20

Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category
Ultrashort Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2023

Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	0.00	0.09
Non-US Stocks	0.00	0.00
Bonds	72.31	70.27
Cash	27.69	29.53
Other	0.00	0.11
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	3.53	40.12
AA	0.00	74.59	6.26
A	0.00	10.82	20.69
BBB	0.00	8.32	19.45
BB	0.00	0.28	1.49
B	0.00	0.00	1.35
Below B	0.00	0.00	0.31
Not Rated	0.00	2.46	10.33

Sector Weighting as of 06-30-2023



Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bank Of Montreal 4 Repo	07-2023	13.42	13.42	-
⊕ Hsbc Repo 2 Repo	07-2023	13.42	26.84	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.70052%	04-2033	5.51	32.34	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.55052%	12-2032	4.45	36.80	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.60052%	12-2032	4.12	40.91	-
⊕ Government National Mortgage Association 5.12871%	01-2073	3.66	44.57	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.71629%	07-2053	3.61	48.18	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	10-2032	3.11	51.29	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	11-2032	2.69	53.98	-
⊕ Government National Mortgage Association 6.1%	06-2053	2.58	56.56	-

Total Holdings 193

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Fidelity® Contrafund® FCNTX

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Portfolio Manager(s)

William Danoff since 09-1990

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 32.81 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.55 is 41.49% lower than the 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	2	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.54	-	-3.58
Beta	0.89	-	0.96
R-Squared	96.93	-	91.90
Standard Deviation	19.54	21.72	21.83
Sharpe Ratio	0.53	0.63	0.45
Tracking Error	4.22	-	6.22
Information Ratio	-0.75	-	-0.83
Up Capture Ratio	86.55	-	87.53
Down Capture Ratio	91.50	-	98.14

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.39	32.61	30.03
Price/Book Ratio	4.21	10.75	7.61
Geom Avg Mkt Cap \$B	348.64	388.64	383.45
ROE	25.40	37.07	35.10

Fidelity® Contrafund® FCNTX

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Style Analysis as of 06-30-2023

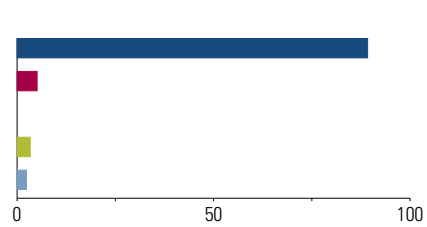
Morningstar Style Box™



Style Breakdown

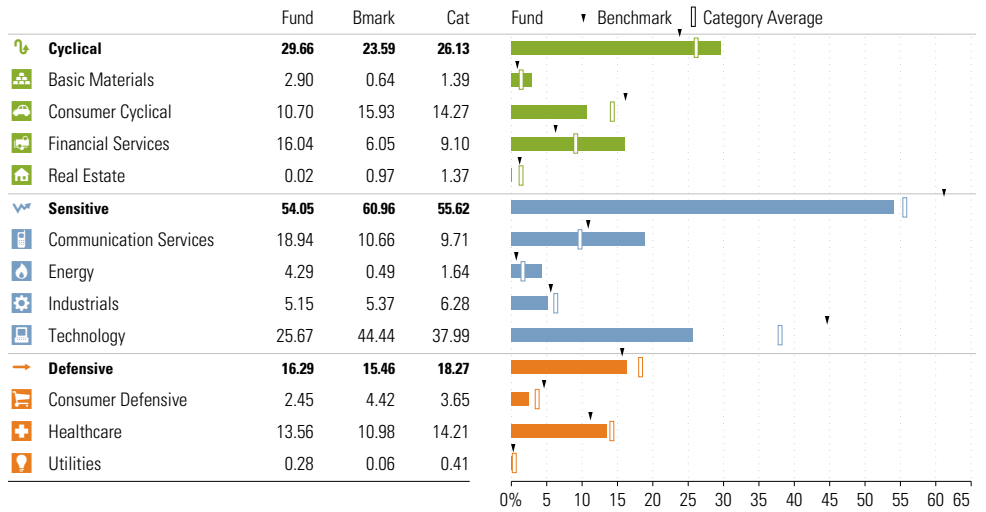


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	89.19	92.58
Non-US Stocks	5.09	4.94
Bonds	0.00	0.00
Cash	3.34	1.53
Other	2.37	0.96
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Meta Platforms Inc Class A	11.00	11.00	138.47	Communication Svc
⊖ Berkshire Hathaway Inc Class A	9.01	20.01	10.48	Financial Services
⊖ Microsoft Corp	6.84	26.85	42.57	Technology
⊖ Amazon.com Inc	5.85	32.70	55.19	Consumer Cyclical
⊖ Apple Inc	4.93	37.63	49.65	Technology
⊖ UnitedHealth Group Inc	3.97	41.60	-8.68	Healthcare
⊕ NVIDIA Corp	3.85	45.45	189.52	Technology
⊖ Fidelity Revere Str Tr	3.43	48.88	-	-
⊖ Alphabet Inc Class A	2.43	51.31	35.67	Communication Svc
⊕ Eli Lilly and Co	2.37	53.68	28.81	Healthcare
⊖ Alphabet Inc Class C	2.09	55.77	36.33	Communication Svc
⊕ Regeneron Pharmaceuticals Inc	1.76	57.53	-0.41	Healthcare
⊖ Amphenol Corp Class A	1.67	59.20	12.12	Technology
⊕ Netflix Inc	1.66	60.86	49.38	Communication Svc
⊕ Visa Inc Class A	1.46	62.31	14.74	Financial Services

Total Holdings 359

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Invesco Oppenheimer International Gr Y OIGYX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

George Evans since 03-1996
Robert Dunphy since 03-2012

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 27.28 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 0.83 is 19.42% 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	4	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-3.10	-	-4.12
Beta	1.07	-	1.00
R-Squared	84.75	-	83.06
Standard Deviation	21.02	18.12	19.89
Sharpe Ratio	0.29	0.47	0.23
Tracking Error	8.30	-	8.24
Information Ratio	-0.38	-	-0.56
Up Capture Ratio	104.38	-	92.46
Down Capture Ratio	120.22	-	111.38

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	29.03	13.96	22.25
Price/Book Ratio	4.85	1.72	3.33
Geom Avg Mkt Cap \$B	43.03	48.10	56.92
ROE	24.98	18.59	21.65

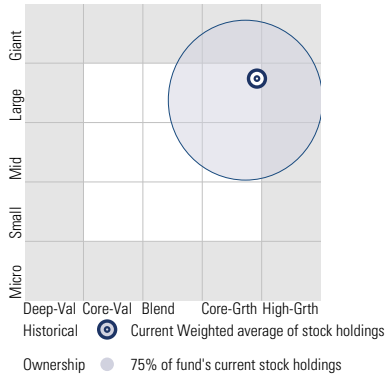
Invesco Oppenheimer International Gr Y OIGYX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 06-30-2023

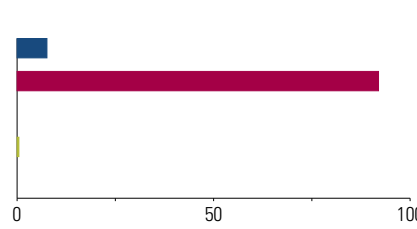
Morningstar Style Box™



Style Breakdown

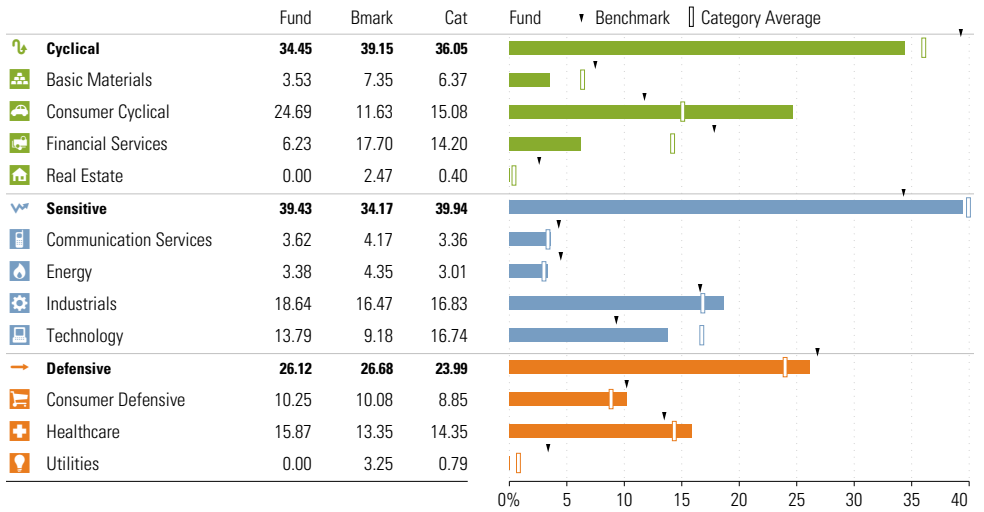


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	7.59	6.64
Non-US Stocks	91.96	90.28
Bonds	0.00	0.03
Cash	0.45	2.49
Other	0.00	0.57
Total	100.00	100.00

Sector Weighting as of 06-30-2023



World Regions % Equity 06-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	15.46	27.75	Americas	12.21	14.05	Greater Europe	72.34	58.19	Developed Markets	95.70
Japan	7.99	11.77	North America	12.21	11.97	United Kingdom	25.61	12.75	Emerging Markets	4.30
Australasia	2.09	1.58	Central/Latin	0.00	2.08	W euro-ex UK	46.73	44.86	Not Available	0.00
Asia-4 Tigers	1.08	6.75				Emrgng Europe	0.00	0.03		
Asia-ex 4 Tigers	4.30	7.65				Africa	0.00	0.55		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Novo Nordisk A/S Class B	4.07	4.07	18.08	Healthcare
⊖ LVMH Moët Hennessy Louis Vuitton SE	3.82	7.90	27.96	Consumer Cyclical
⊖ Hermes International SA	3.18	11.07	38.62	Consumer Cyclical
Reliance Industries Ltd	3.15	14.22	0.12	Energy
Compass Group PLC	3.05	17.27	16.77	Consumer Cyclical
ASML Holding NV	2.84	20.11	32.21	Technology
Flutter Entertainment PLC	2.70	22.82	44.17	Consumer Cyclical
London Stock Exchange Group PLC	2.69	25.51	18.29	Financial Services
Epiroc Ab	2.68	28.19	—	—
Dollarama Inc	2.50	30.68	13.46	Consumer Defensive

Total Holdings 85

⊕ Increase ⊖ Decrease ✨ New to Portfolio

MFS New Discovery R4 MNDJX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

Michael Grossman since 12-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Small 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 9.5 years.

✔ **Style:** The fund has landed in its primary style box — Small Growth — 96.77 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.99 is 14.66% lower than the Small Growth category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

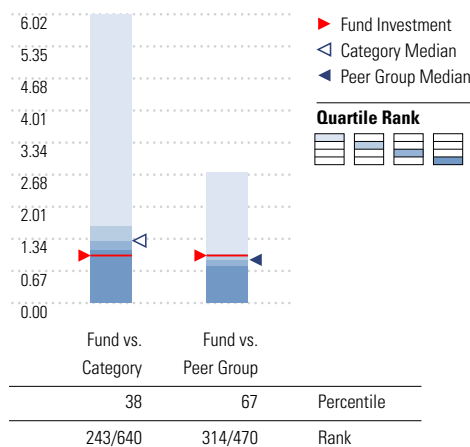
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.35	-	0.92
Beta	0.91	-	0.93
R-Squared	90.83	-	89.28
Standard Deviation	21.41	22.51	22.20
Sharpe Ratio	0.17	0.30	0.33
Tracking Error	6.82	-	7.54
Information Ratio	-0.45	-	0.05
Up Capture Ratio	85.56	-	97.66
Down Capture Ratio	93.98	-	95.95

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.33	19.60	23.17
Price/Book Ratio	2.96	3.99	3.97
Geom Avg Mkt Cap \$B	4.42	2.69	5.20
ROE	7.70	7.12	16.08

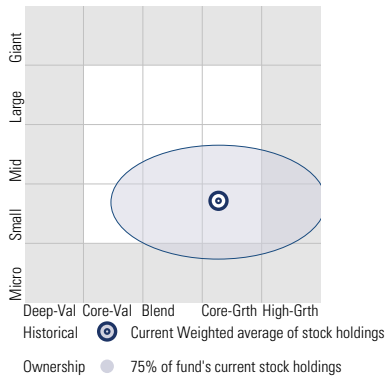
MFS New Discovery R4 MNDJX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	79.38	91.33
Non-US Stocks	15.79	4.70
Bonds	0.00	0.02
Cash	4.84	2.39
Other	0.00	1.55
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.86	4.86	—	—
⊕ GFL Environmental Inc	2.55	7.41	32.83	Industrials
Sensata Technologies Holding PLC	2.21	9.62	11.99	Technology
⊖ ChampionX Corp	1.94	11.56	7.62	Energy
RB Global Inc	1.93	13.50	4.48	Industrials
⊖ ExlService Holdings Inc	1.87	15.37	-10.84	Technology
Jacobs Solutions Inc	1.75	17.12	-0.55	Industrials
⊖ Axalta Coating Systems Ltd	1.74	18.86	28.82	Basic Materials
KBR Inc	1.69	20.55	23.73	Industrials
Advanced Energy Industries Inc	1.67	22.22	30.16	Industrials
Stag Industrial Inc	1.65	23.87	13.32	Real Estate
⊖ Matador Resources Co	1.62	25.49	-8.07	Energy
PENN Entertainment Inc	1.53	27.02	-19.09	Consumer Cyclical
⊖ WNS (Holdings) Ltd ADR	1.52	28.55	-7.84	Technology
⊖ DoubleVerify Holdings Inc	1.49	30.03	77.23	Technology

Total Holdings 110

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Neuberger Berman Mid Cap Growth Inst NBMLX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Chad Bruso since 01-2020
Trevor Moreno since 01-2020
Jennifer Blachford since 12-2021

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 has been in place for 3.45 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 0.7 is 33.96% lower than the Mid-Cap Growth category average.

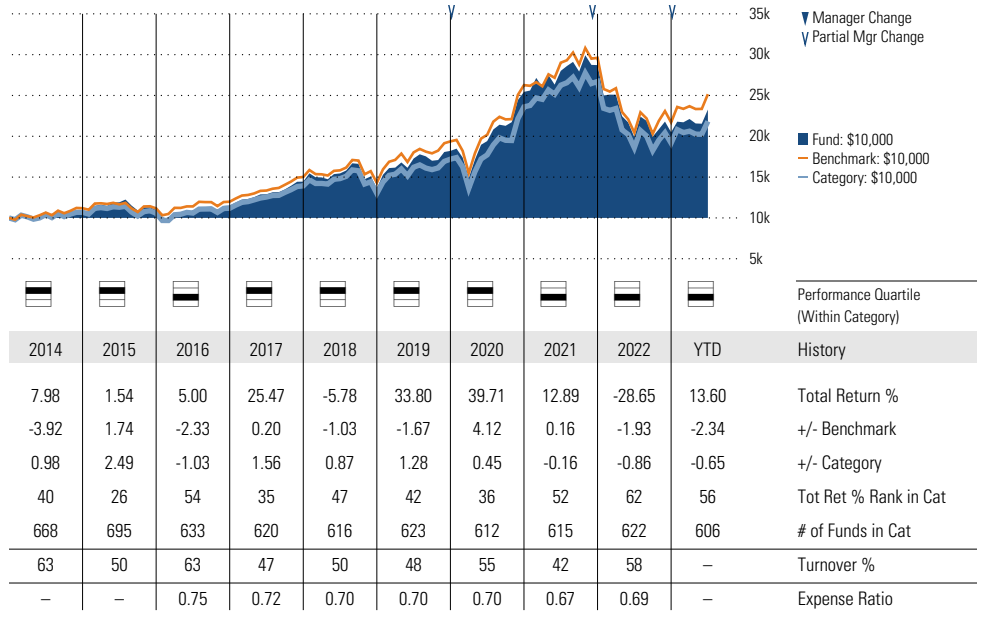
Morningstar Investment Management LLC Analysis

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

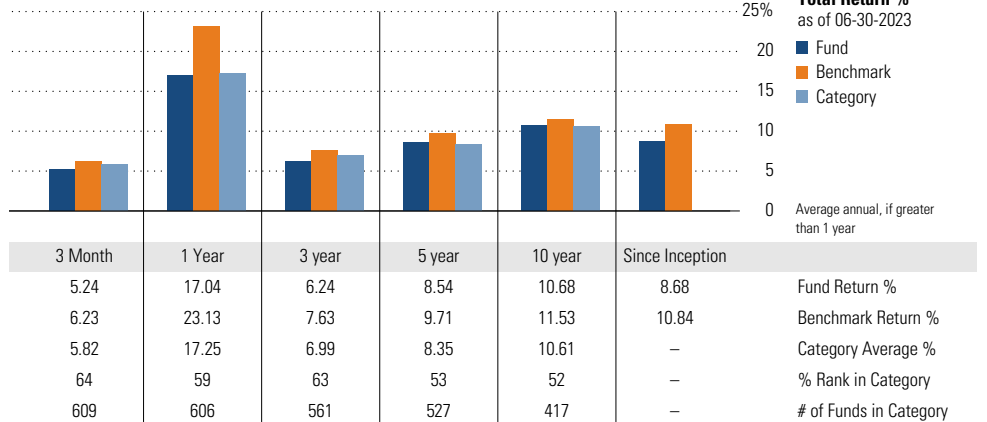
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

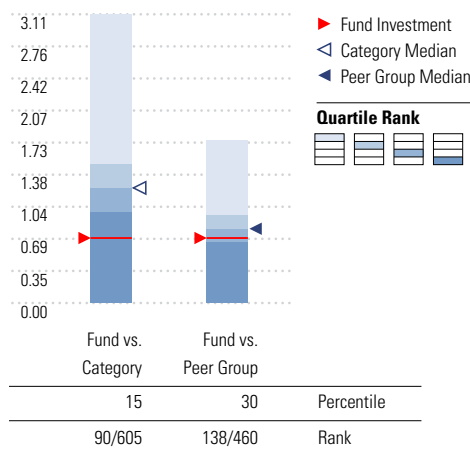
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.92	-	-0.82
Beta	0.95	-	0.98
R-Squared	94.64	-	89.82
Standard Deviation	20.73	21.21	22.08
Sharpe Ratio	0.32	0.38	0.33
Tracking Error	4.91	-	7.02
Information Ratio	-0.28	-	-0.29
Up Capture Ratio	95.96	-	97.32
Down Capture Ratio	100.12	-	101.67

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	30.07	26.62	26.36
Price/Book Ratio	6.90	8.31	4.69
Geom Avg Mkt Cap \$B	24.75	21.18	19.03
ROE	24.83	23.91	20.84

Neuberger Berman Mid Cap Growth Inst NBMLX

Morningstar Category

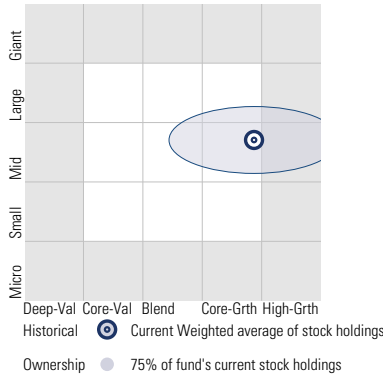
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 06-30-2023

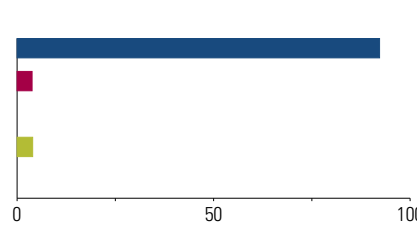
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	92.23	92.78
Non-US Stocks	3.81	4.40
Bonds	0.00	0.12
Cash	3.96	2.33
Other	0.00	0.39
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Lattice Semiconductor Corp	3.98	3.98	48.07	Technology
⊕ Ssc Government Mm Gvmxx	3.96	7.95	-	-
⊕ DexCom Inc	2.98	10.93	13.48	Healthcare
⊖ Cadence Design Systems Inc	2.66	13.59	45.99	Technology
Manhattan Associates Inc	2.64	16.23	64.65	Technology
⊖ ON Semiconductor Corp	2.57	18.79	51.64	Technology
⊖ The Trade Desk Inc Class A	2.37	21.16	72.25	Technology
⊕ Arthur J. Gallagher & Co	2.29	23.46	17.04	Financial Services
Spotify Technology SA	2.19	25.65	103.36	Communication Svc
⊖ Monolithic Power Systems Inc	2.18	27.83	53.34	Technology
⊕ IQVIA Holdings Inc	2.05	29.88	9.70	Healthcare
⊖ Arista Networks Inc	2.01	31.89	33.55	Technology
Cintas Corp	1.80	33.70	10.58	Industrials
⊕ W.W. Grainger Inc	1.80	35.49	42.41	Industrials
AMETEK Inc	1.75	37.25	16.22	Industrials

Total Holdings 76

⊕ Increase ⊖ Decrease ✨ New to Portfolio

PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Portfolio Manager(s)

Greg Sharenow since 11-2018
Stephen Rodosky since 01-2019
Andrew Dewitt since 02-2022

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.66 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.86 is 17.31% lower than the Commodities Broad Basket category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023

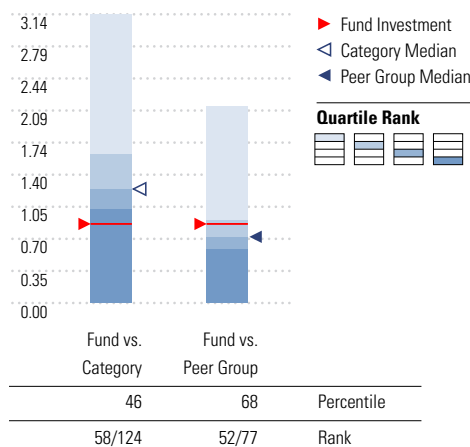
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.23	-	1.33
Beta	1.13	-	0.98
R-Squared	96.54	-	87.70
Standard Deviation	18.84	16.37	17.10
Sharpe Ratio	0.91	0.98	0.99
Tracking Error	4.11	-	5.46
Information Ratio	0.19	-	0.06
Up Capture Ratio	109.17	-	99.49
Down Capture Ratio	113.80	-	94.23

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	7.93
Price/Book Ratio	1.51	-	1.87
Geom Avg Mkt Cap \$B	20.09	-	44.07
ROE	16.78	-	27.17

PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 06-30-2023

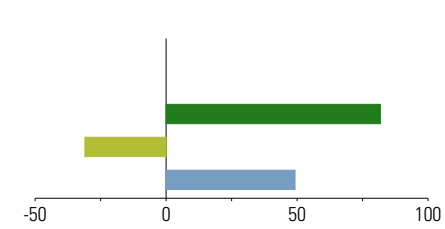
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	0.00	0.77
Non-US Stocks	0.00	0.73
Bonds	81.78	46.60
Cash	-31.00	54.33
Other	49.21	-2.42
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ 5 Year Treasury Note Future Mar 23	24.31	24.31	-	-
⊖ 2 Year Treasury Note Future Mar 23	18.13	42.44	-	-
✳ Cash Offset	16.46	58.90	-	-
⊖ Euro Schatz Future Mar 23	13.61	72.51	-	-
⊖ United States Treasury Notes 0.125%	12.16	84.67	-	-
⊖ 10 Year Treasury Note Future Mar 23	12.01	96.68	-	-
⊕ 3 Month Euribor TAS Future Mar 23	9.75	106.43	-	-
⊖ United States Treasury Notes 0.625%	9.70	116.12	-	-
⊖ U S TIPS REV REPO	9.31	125.43	-	-
⊖ U S TIPS REV REPO	8.88	134.31	-	-
⊕ TRS R 4.19/91282CDC2 MYC	7.79	142.10	-	-
⊕ Pimco Cayman Cmdty Fd Ltd Instl	7.24	149.34	-	-
⊕ United States Treasury Notes 0.125%	7.20	156.55	-	-
⊕ United States Treasury Notes 0.125%	6.28	162.82	-	-
⊖ US Treasury Bond Future Mar 23	5.85	168.67	-	-

Total Holdings 874

⊕ 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 16.26 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.61 is 36.46% 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.

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	4.62	-	3.51
Beta	0.83	-	0.81
R-Squared	78.10	-	68.58
Standard Deviation	5.76	6.16	6.01
Sharpe Ratio	0.05	-0.80	-0.11
Tracking Error	2.90	-	3.72
Information Ratio	1.78	-	1.13
Up Capture Ratio	100.95	-	94.09
Down Capture Ratio	47.83	-	54.19

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.68
Avg Eff Maturity	5.90	7.69	7.26

PIMCO Income I2 PONPX

Morningstar Category
Multisector Bond

Morningstar Index
Bloomberg US Universal TR USD

Style Analysis as of 06-30-2023

Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	1.15	1.07
Non-US Stocks	0.36	0.12
Bonds	129.67	95.94
Cash	-31.68	0.73
Other	0.52	2.16
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	48.99	67.64	23.08
AA	4.79	3.23	4.30
A	4.16	10.03	8.85
BBB	14.85	10.89	23.74
BB	14.13	3.19	17.69
B	4.43	3.64	12.71
Below B	8.66	1.38	4.11
Not Rated	0.00	0.00	5.51

Sector Weighting as of 06-30-2023



Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Offset: Unsettled Trades	-	29.18	29.18	-
✳ Cash Offset	-	15.55	44.73	-
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Pay	11-2023	14.02	58.75	-
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Receive	11-2023	13.58	72.32	-
⊖ 10 Year Treasury Note Future Mar 23	03-2023	9.32	81.64	-
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Pay	03-2029	9.16	90.80	-
⊖ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	9.14	99.94	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	9.12	109.07	-
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Receive	03-2029	9.04	118.10	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.45	126.55	-

Total Holdings 7956

⊕ 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 8.76 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.61 is 16.44% lower than the Global Bond-USD Hedged category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023

Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.83	-	0.50
Beta	0.59	-	0.83
R-Squared	69.91	-	80.34
Standard Deviation	4.38	6.17	5.74
Sharpe Ratio	-0.70	-0.89	-0.77
Tracking Error	3.48	-	2.97
Information Ratio	0.70	-	0.42
Up Capture Ratio	62.61	-	87.93
Down Capture Ratio	53.26	-	81.46

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	5.85
Avg Eff Maturity	7.22	-	7.75

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

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

Morningstar Category
Global Bond-USD Hedged

Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2023

Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	0.00	-0.04
Non-US Stocks	0.01	0.00
Bonds	109.83	93.61
Cash	-6.61	6.19
Other	-3.24	0.26
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.80	3.53	40.23
AA	13.68	74.59	13.64
A	16.98	10.82	23.97
BBB	7.77	8.32	17.10
BB	1.88	0.28	0.24
B	0.65	0.00	0.05
Below B	2.24	0.00	0.06
Not Rated	0.00	2.46	4.71

Sector Weighting as of 06-30-2023



Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ 3 Month SOFR Future Dec 23	03-2024	23.07	23.07	-
⊕ IRS EUR 1.50000 03/15/23-5Y LCH Pay	03-2028	21.27	44.34	-
⊕ IRS EUR 1.50000 03/15/23-5Y LCH Receive	03-2028	19.56	63.90	-
⊕ Euro Schatz Future Mar 23	03-2023	15.07	78.96	-
⊕ 3 Month SOFR Future June 23	09-2023	13.57	92.54	-
⊕ 3 Month SOFR Future June 24	09-2024	11.63	104.16	-
⊕ IRS EUR 1.75000 03/15/23-10Y LCH Pay	03-2033	10.93	115.09	-
⊖ RFR USD SOFR/1.75000 06/15/22-5Y LCH Pay	06-2027	10.68	125.77	-
⊖ Euro Bobl Future Mar 23	03-2023	9.90	135.67	-
⊖ RFR USD SOFR/1.75000 06/15/22-5Y LCH Receive	06-2027	9.79	145.46	-

Total Holdings 1646

⊕ Increase ⊖ Decrease ✱ New to Portfolio

T. Rowe Price Dividend Growth PRDGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Thomas Huber since 03-2000

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 23.26 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 0.64 is 15.79% 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	4	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.75	-	-0.66
Beta	0.86	-	0.94
R-Squared	93.02	-	94.49
Standard Deviation	16.28	18.19	17.67
Sharpe Ratio	0.76	0.75	0.68
Tracking Error	4.97	-	3.87
Information Ratio	-0.23	-	-1.22
Up Capture Ratio	87.90	-	92.67
Down Capture Ratio	85.41	-	95.01

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.98	22.84	21.76
Price/Book Ratio	4.16	4.02	4.30
Geom Avg Mkt Cap \$B	140.47	223.20	261.92
ROE	30.85	29.42	28.63

T. Rowe Price Dividend Growth PRDGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™

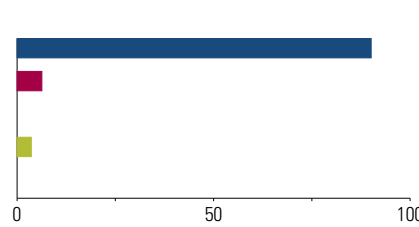


Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
14	45	24	
1	14	3	
0	0	0	



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	90.09	94.95
Non-US Stocks	6.30	2.96
Bonds	0.00	0.16
Cash	3.61	0.86
Other	0.00	1.05
Total	100.00	100.00

Sector Weighting as of 06-30-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	29.54	27.56	27.86			
Basic Materials	3.11	2.28	2.80			
Consumer Cyclical	8.19	10.82	9.98			
Financial Services	15.54	11.97	12.89			
Real Estate	2.70	2.49	2.19			
Sensitive	39.24	49.76	48.06			
Communication Services	0.53	8.39	7.71			
Energy	3.46	4.11	3.98			
Industrials	13.02	8.35	10.10			
Technology	22.23	28.91	26.27			
Defensive	31.23	22.68	24.07			
Consumer Defensive	10.37	6.62	7.02			
Healthcare	17.77	13.48	14.63			
Utilities	3.09	2.58	2.42			

Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.99	5.99	42.57	Technology
⊕ Apple Inc	4.69	10.68	49.65	Technology
⊖ T. Rowe Price Gov. Reserve	3.53	14.20	-	-
⊖ UnitedHealth Group Inc	2.07	16.27	-8.68	Healthcare
⊕ Visa Inc Class A	2.01	18.28	14.74	Financial Services
⊕ Accenture PLC Class A	1.86	20.14	16.48	Technology
Marsh & McLennan Companies Inc	1.84	21.97	14.37	Financial Services
JPMorgan Chase & Co	1.80	23.78	9.95	Financial Services
⊕ Chubb Ltd	1.61	25.39	-11.94	Financial Services
General Electric Co	1.58	26.97	48.84	Industrials
Thermo Fisher Scientific Inc	1.48	28.45	-5.13	Healthcare
Roper Technologies Inc	1.48	29.93	11.59	Technology
⊕ McKesson Corp	1.44	31.37	14.20	Healthcare
Mondelez International Inc Class A	1.41	32.78	10.59	Consumer Defensive
⊕ Becton, Dickinson and Co	1.38	34.16	4.53	Healthcare

Total Holdings 107

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Donald Butler since 04-2016
Michelle Louie since 11-2017

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 7.18 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 0.04 is 94.74% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.04	-	-0.66
Beta	1.00	-	0.94
R-Squared	100.00	-	94.49
Standard Deviation	18.19	18.19	17.67
Sharpe Ratio	0.75	0.75	0.68
Tracking Error	0.01	-	3.87
Information Ratio	-4.97	-	-1.22
Up Capture Ratio	99.93	-	92.67
Down Capture Ratio	100.07	-	95.01

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.85	22.84	21.76
Price/Book Ratio	4.02	4.02	4.30
Geom Avg Mkt Cap \$B	223.38	223.20	261.92
ROE	29.43	29.42	28.63

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2023



Sector Weighting as of 06-30-2023



Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.69	7.69	49.65	Technology
⊕ Microsoft Corp	6.79	14.48	42.57	Technology
⊕ Amazon.com Inc	3.12	17.61	55.19	Consumer Cyclical
⊕ NVIDIA Corp	2.81	20.41	189.52	Technology
⊕ Alphabet Inc Class A	1.91	22.32	35.67	Communication Svc
⊕ Tesla Inc	1.89	24.21	112.51	Consumer Cyclical
⊕ Meta Platforms Inc Class A	1.70	25.91	138.47	Communication Svc
⊖ Alphabet Inc Class C	1.66	27.57	36.33	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.63	29.20	10.39	Financial Services
⊕ UnitedHealth Group Inc	1.20	30.40	-8.68	Healthcare
⊖ Exxon Mobil Corp	1.16	31.57	-1.12	Energy
⊕ Johnson & Johnson	1.15	32.72	-4.99	Healthcare
⊕ JPMorgan Chase & Co	1.14	33.86	9.95	Financial Services
⊕ Visa Inc Class A	1.02	34.88	14.74	Financial Services
⊕ Eli Lilly and Co	0.99	35.88	28.81	Healthcare

Total Holdings 508

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 91.95% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.22	-	0.56
Beta	1.09	-	1.04
R-Squared	96.59	-	93.50
Standard Deviation	18.92	17.05	18.28
Sharpe Ratio	0.47	0.40	0.42
Tracking Error	3.82	-	4.68
Information Ratio	0.47	-	0.18
Up Capture Ratio	113.99	-	106.88
Down Capture Ratio	109.86	-	105.69

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	13.43	13.32	13.48
Price/Book Ratio	1.58	1.69	1.77
Geom Avg Mkt Cap \$B	30.17	43.39	51.74
ROE	16.76	17.67	19.85

Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	97.07	3.13
Non-US Stocks	0.00	94.02
Bonds	2.05	0.19
Cash	0.15	1.26
Other	100.00	1.40
Total	100.00	100.00

Sector Weighting as of 06-30-2023



World Regions % Equity 06-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	36.07	35.44	Americas	10.29	8.59	Greater Europe	53.63	55.97	Developed Markets	99.45
Japan	21.11	18.32	North America	10.26	7.30	United Kingdom	12.23	13.49	Emerging Markets	0.55
Australasia	6.91	5.01	Central/Latin	0.03	1.29	W euro-ex UK	40.51	41.42	Not Available	0.00
Asia-4 Tigers	7.86	6.74				Emrgng Europe	0.32	0.07		
Asia-ex 4 Tigers	0.19	5.37				Africa	0.57	0.99		
Not Classified	0.00	0.00								

Top 10 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Nestle SA	1.50	1.50	3.18	Consumer Defensive
⊖ Slcmt1142	1.36	2.86	-	-
⊖ ASML Holding NV	1.34	4.20	32.21	Technology
Samsung Electronics Co Ltd	1.22	5.42	-	Technology
⊕ Novo Nordisk A/S Class B	1.18	6.60	18.08	Healthcare
⊕ LVMH Moet Hennessy Louis Vuitton SE	1.09	7.69	27.96	Consumer Cyclical
⊕ AstraZeneca PLC	0.99	8.68	1.97	Healthcare
⊕ Roche Holding AG	0.99	9.67	-2.58	Healthcare
⊖ Shell PLC	0.95	10.62	2.73	Energy
⊕ Novartis AG Registered Shares	0.95	11.57	11.50	Healthcare

Total Holdings 4054

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.1 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 50 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 61.22% lower than the Foreign Large Value category average.

Growth of \$10,000



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	2	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.14	-	2.04
Beta	1.01	-	0.99
R-Squared	91.59	-	89.03
Standard Deviation	19.21	18.12	19.09
Sharpe Ratio	0.57	0.47	0.55
Tracking Error	5.58	-	6.46
Information Ratio	0.42	-	0.29
Up Capture Ratio	102.59	-	101.66
Down Capture Ratio	93.36	-	93.63

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.59	13.96	10.09
Price/Book Ratio	1.75	1.72	1.22
Geom Avg Mkt Cap \$B	32.88	48.10	34.02
ROE	16.60	18.59	16.07

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	5.12	2.95
Non-US Stocks	90.05	95.32
Bonds	0.00	-0.02
Cash	4.45	1.64
Other	0.38	0.10
Total	100.00	100.00

Sector Weighting as of 06-30-2023



World Regions % Equity 06-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Americas	12.07	9.15	Greater Europe	48.77	60.14	Developed Markets	81.22			
North America	7.96	7.83	United Kingdom	14.74	17.16	Emerging Markets	18.78			
Central/Latin	4.11	1.32	W euro-ex UK	33.73	42.15	Not Available	0.00			
			Emrgng Europe	0.00	0.11					
			Africa	0.30	0.72					

Top 10 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	3.70	3.70	-	-
Alibaba Group Holding Ltd Ordinary Shares	1.82	5.52	-7.88	Consumer Cyclical
⊖ HSBC Holdings PLC	1.63	7.15	25.69	Financial Services
⊖ Holcim Ltd	1.53	8.68	30.95	Basic Materials
⊖ Airbus SE	1.50	10.18	20.84	Industrials
AIA Group Ltd	1.48	11.67	-7.56	Financial Services
BP PLC	1.47	13.14	-1.20	Energy
⊕ Ryanair Holdings PLC ADR	1.39	14.53	47.94	Industrials
⊕ Roche Holding AG	1.31	15.84	-2.58	Healthcare
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.30	17.14	29.65	Technology

Total Holdings 229

⊕ 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 27.15 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 0.12 is 88.46% lower than the Real Estate category average.

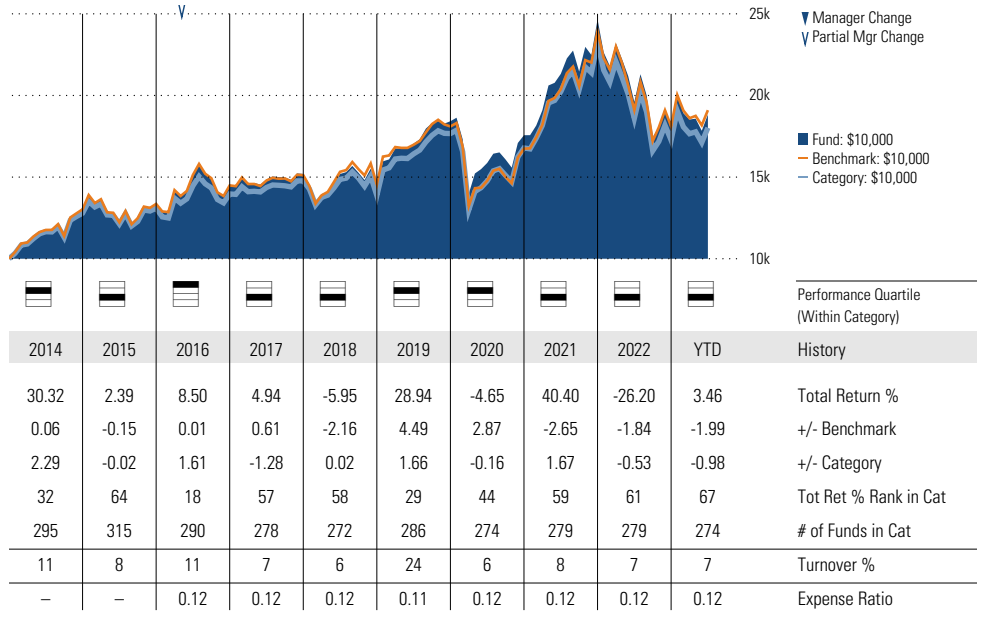
Morningstar Investment Management LLC Analysis

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

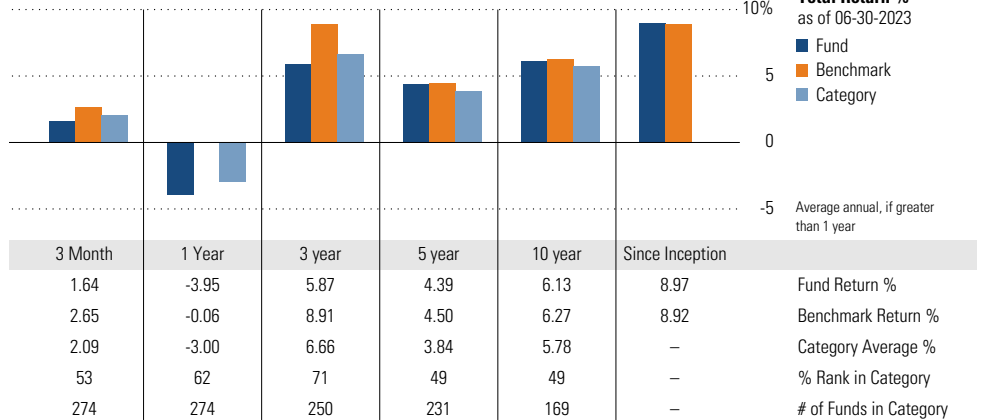
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

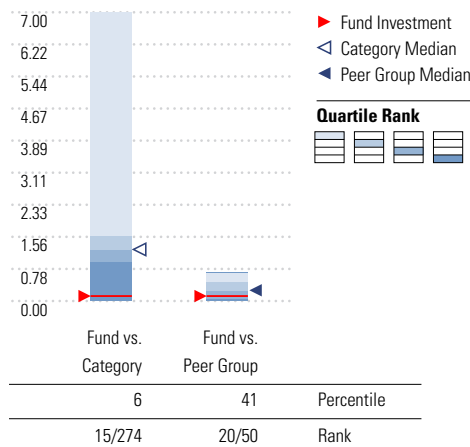
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.83	-	-1.69
Beta	1.00	-	0.96
R-Squared	98.74	-	93.81
Standard Deviation	20.22	20.05	19.81
Sharpe Ratio	0.30	0.44	0.35
Tracking Error	2.27	-	4.50
Information Ratio	-1.34	-	-0.58
Up Capture Ratio	95.85	-	93.21
Down Capture Ratio	105.61	-	99.34

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	28.85	38.46	29.90
Price/Book Ratio	2.25	2.42	2.19
Geom Avg Mkt Cap \$B	21.51	9.35	31.26
ROE	14.13	9.56	15.54

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

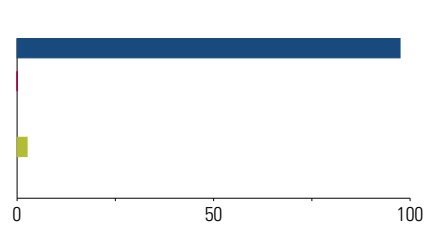
Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 06-30-2023

Morningstar Style Box™

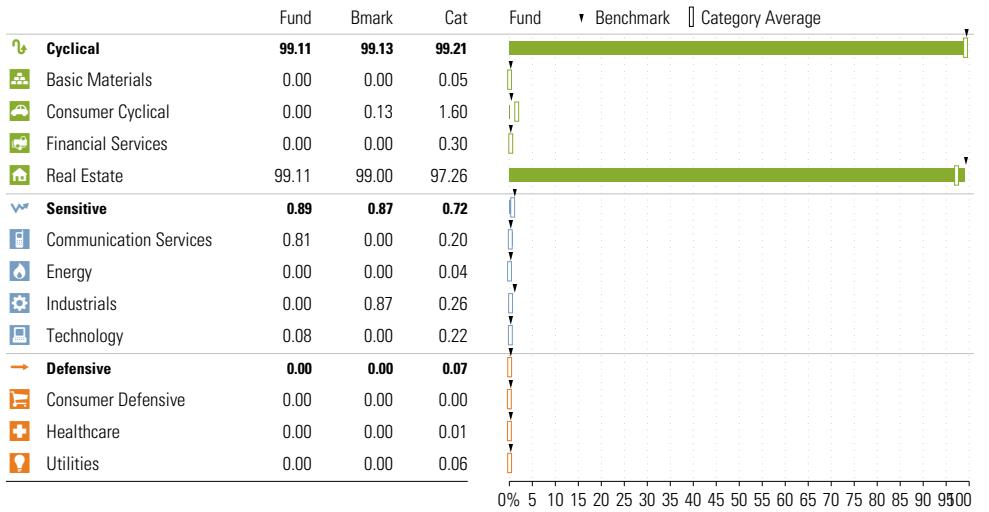


Asset Allocation as of 06-30-2023

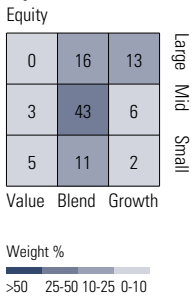


Asset Class	Net %	Cat%
US Stocks	97.44	82.54
Non-US Stocks	0.02	1.21
Bonds	0.00	3.38
Cash	2.54	0.83
Other	0.00	12.05
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Style Breakdown



Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	12.52	12.52	-	-
⊖ Prologis Inc	7.44	19.96	10.33	Real Estate
⊖ American Tower Corp	5.93	25.89	-6.98	Real Estate
⊖ Equinix Inc	4.81	30.71	20.72	Real Estate
⊖ Crown Castle Inc	3.24	33.95	-13.69	Real Estate
⊖ Public Storage	3.03	36.98	6.31	Real Estate
⊖ Realty Income Corp	2.59	39.58	-3.34	Real Estate
⊖ Welltower Inc	2.54	42.12	25.26	Real Estate
⊖ Simon Property Group Inc	2.40	44.52	1.40	Real Estate
⊕ CoStar Group Inc	2.38	46.90	15.17	Real Estate
⊖ Digital Realty Trust Inc	2.07	48.96	16.00	Real Estate
⊖ VICI Properties Inc Ordinary Shares	1.80	50.77	-0.59	Real Estate
⊖ AvalonBay Communities Inc	1.74	52.51	19.22	Real Estate
⊖ SBA Communications Corp Class A	1.65	54.15	-16.71	Real Estate
⊖ CBRE Group Inc Class A	1.65	55.80	4.87	Real Estate

Total Holdings 169

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2020 category average.

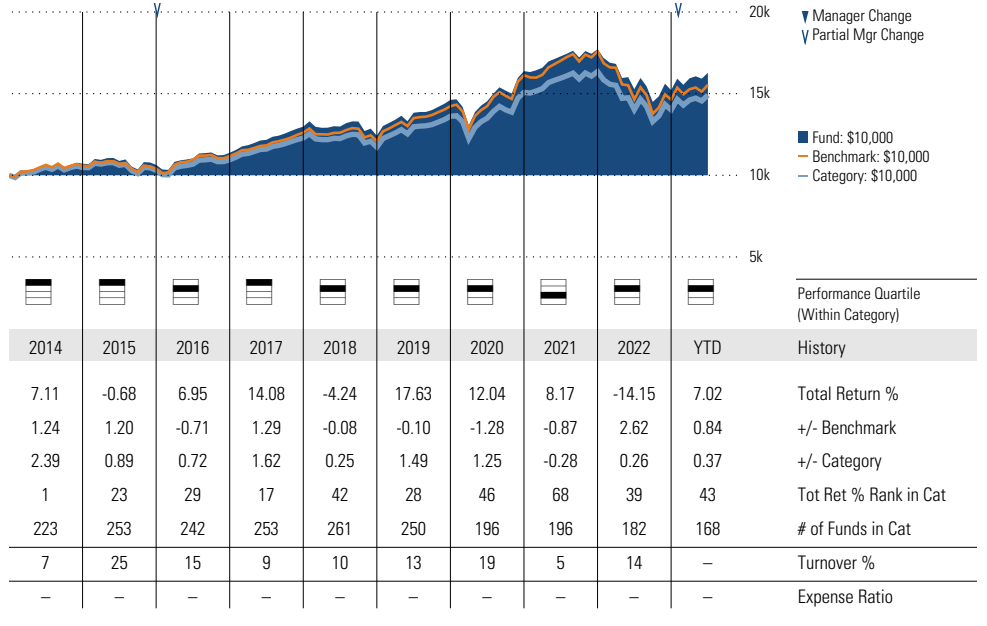
Morningstar Investment Management LLC Analysis

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

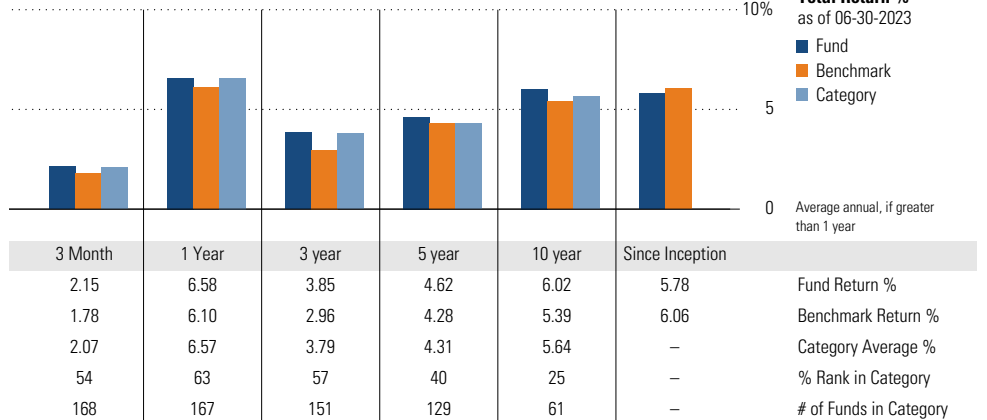
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
ESG Commitment	1-Low	02-15-2022

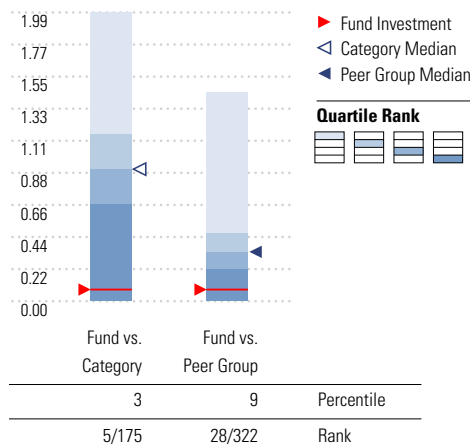
Growth of \$10,000



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	-	1.08
Beta	0.87	-	0.88
R-Squared	98.44	-	97.30
Standard Deviation	10.06	11.49	10.23
Sharpe Ratio	0.27	0.17	0.25
Tracking Error	1.96	-	2.28
Information Ratio	0.45	-	0.42
Up Capture Ratio	90.86	-	91.21
Down Capture Ratio	83.36	-	84.32

Portfolio Metrics

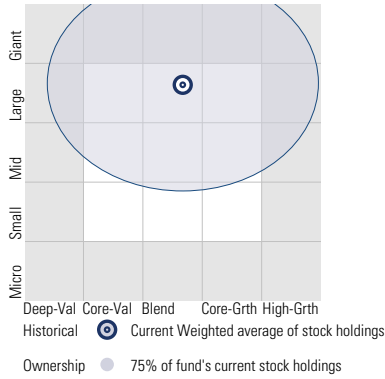
	Fund	Bmark	Cat
Price/Earnings Ratio	17.10	17.42	17.71
Price/Book Ratio	2.40	2.45	2.54
Avg Eff Duration	6.05	-	5.71

Vanguard Target Retirement 2020 Fund VTWNX

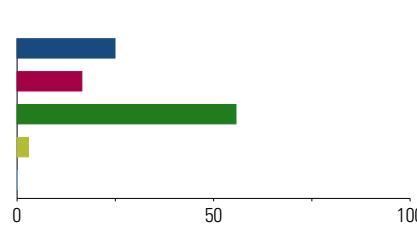
Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 06-30-2023
Morningstar Style Box™

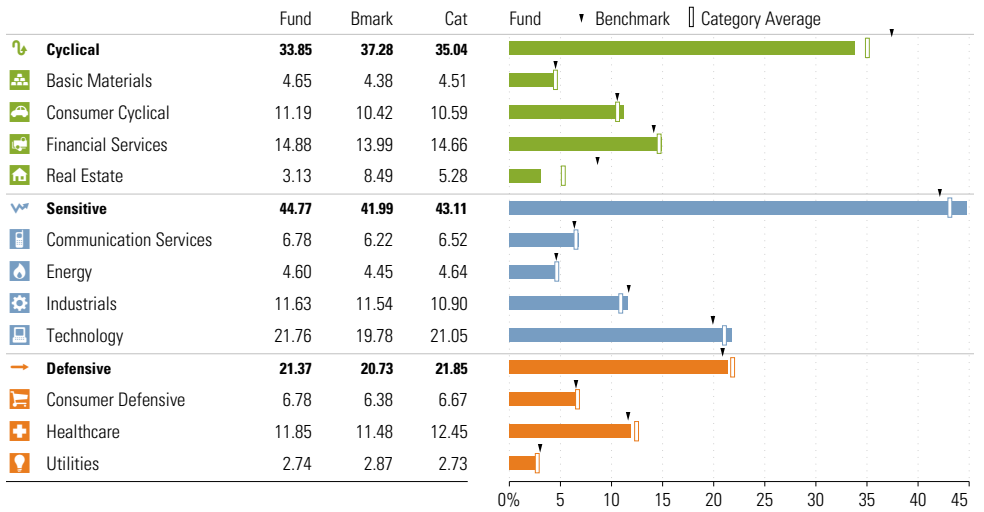


Asset Allocation as of 06-30-2023

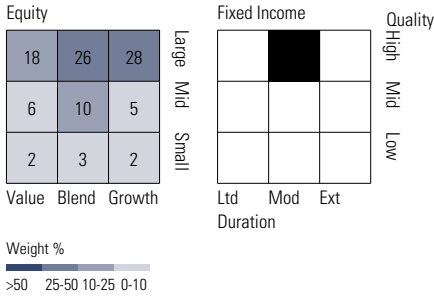


Asset Class	Net %	Cat%
US Stocks	24.91	25.00
Non-US Stocks	16.48	14.11
Bonds	55.69	50.06
Cash	2.88	2.65
Other	0.03	8.18
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Style Breakdown



Top 7 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	-	31.87	31.87	-	-
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	25.08	56.94	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	16.94	73.88	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	14.28	88.15	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	10.96	99.11	-	-
⊖ Mktliq 12/31/2049	-	0.91	100.02	-	-
⊕ Us Dollar	-	0.02	100.04	-	-

Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2025 category average.

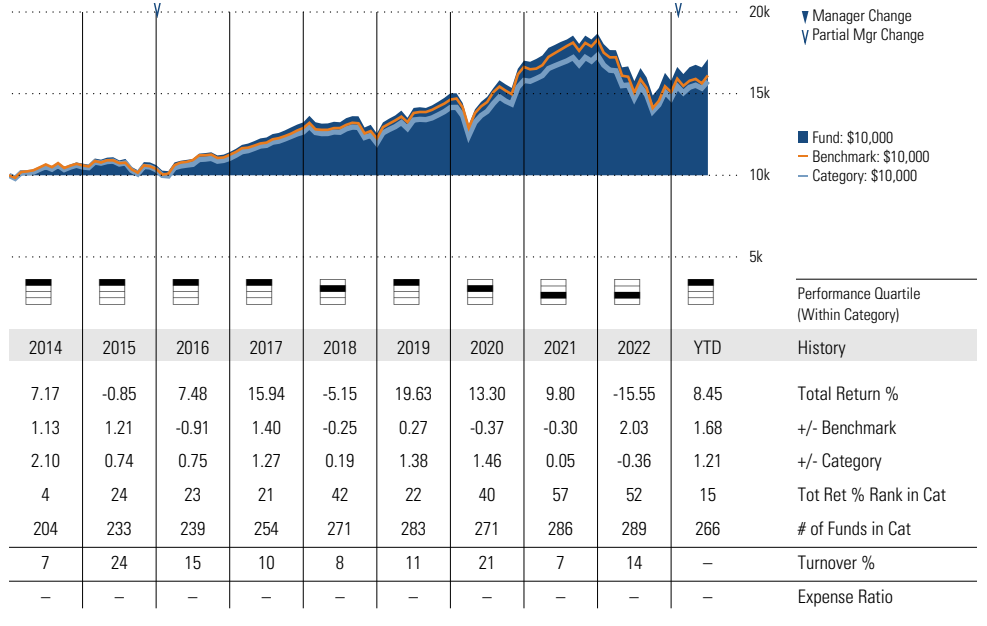
Morningstar Investment Management LLC Analysis

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

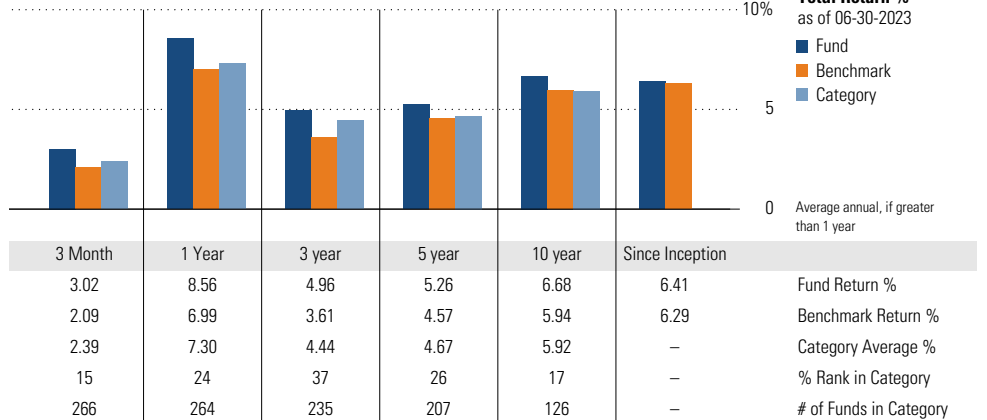
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

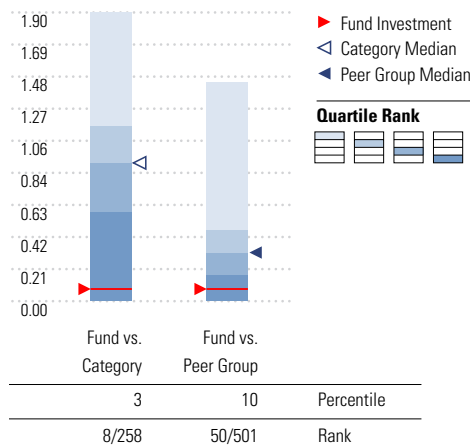
Growth of \$10,000



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	1.49	-	1.10
Beta	0.93	-	0.88
R-Squared	98.61	-	97.72
Standard Deviation	11.69	12.43	11.02
Sharpe Ratio	0.34	0.22	0.29
Tracking Error	1.61	-	2.40
Information Ratio	0.84	-	0.44
Up Capture Ratio	99.10	-	92.16
Down Capture Ratio	90.66	-	85.92

Portfolio Metrics

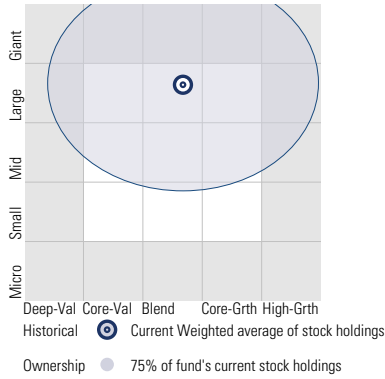
	Fund	Bmark	Cat
Price/Earnings Ratio	17.16	17.22	17.76
Price/Book Ratio	2.42	2.41	2.54
Avg Eff Duration	6.45	-	6.76

Vanguard Target Retirement 2025 Fund VTTVX

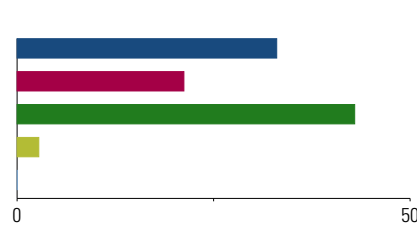
Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 06-30-2023
Morningstar Style Box™

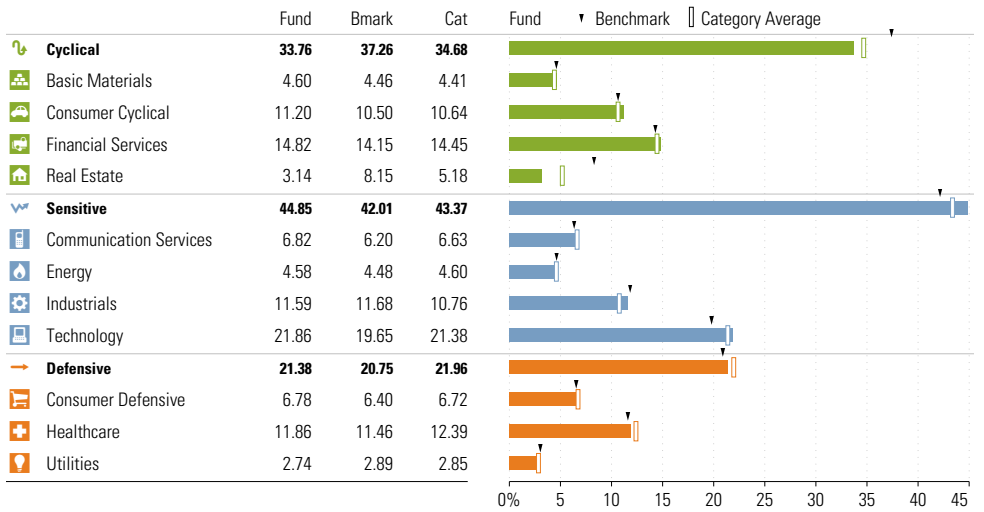


Asset Allocation as of 06-30-2023

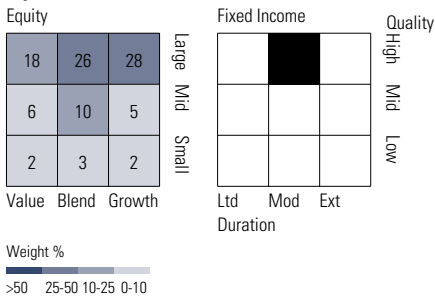


Asset Class	Net %	Cat%
US Stocks	33.03	28.15
Non-US Stocks	21.22	15.03
Bonds	42.95	42.01
Cash	2.76	3.45
Other	0.04	11.35
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Style Breakdown



Top 7 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	33.25	33.25	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	27.75	61.01	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	21.80	82.81	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	11.91	94.72	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	4.09	98.81	-	-
⊖ Mktliq 12/31/2049	-	1.19	100.00	-	-
⊕ Us Dollar	-	0.00	100.00	-	-

Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2030 Fund VTHRX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2030 category average.

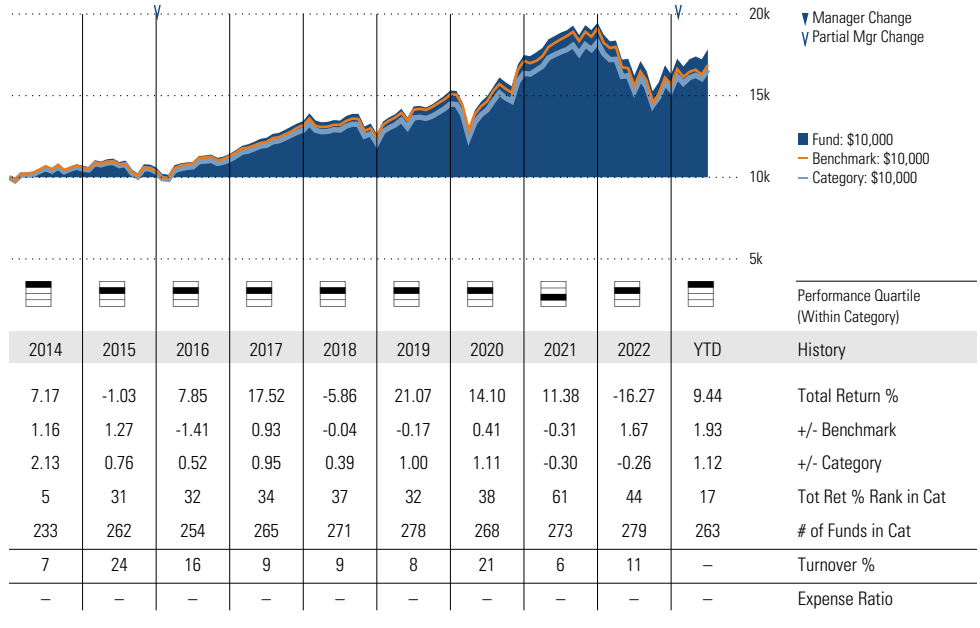
Morningstar Investment Management LLC Analysis

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

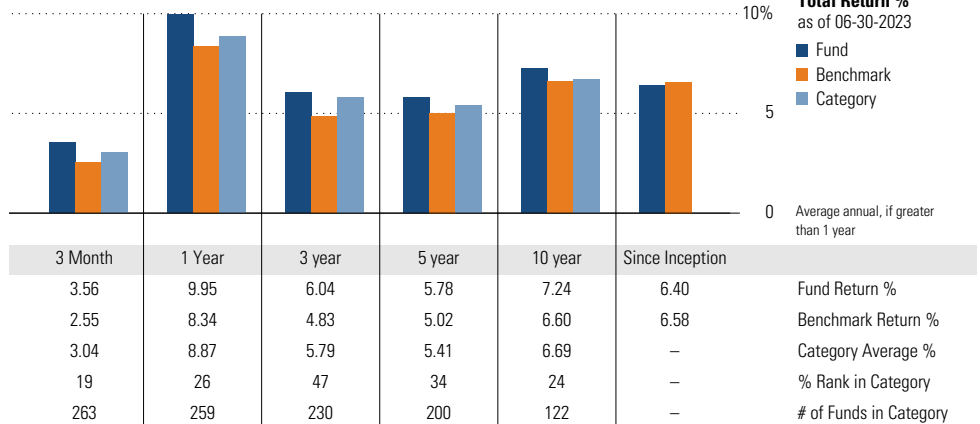
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

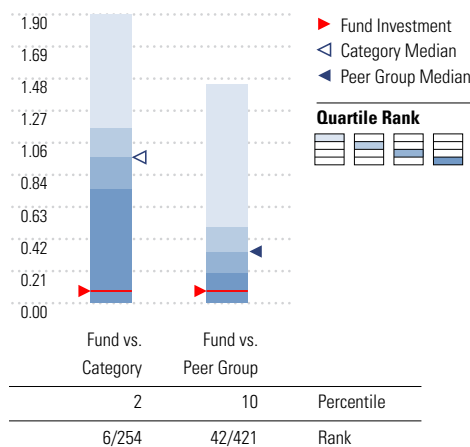
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.37	-	1.21
Beta	0.94	-	0.92
R-Squared	98.78	-	98.19
Standard Deviation	12.80	13.47	12.47
Sharpe Ratio	0.40	0.30	0.38
Tracking Error	1.60	-	2.14
Information Ratio	0.75	-	0.54
Up Capture Ratio	99.17	-	96.23
Down Capture Ratio	92.11	-	90.07

Portfolio Metrics

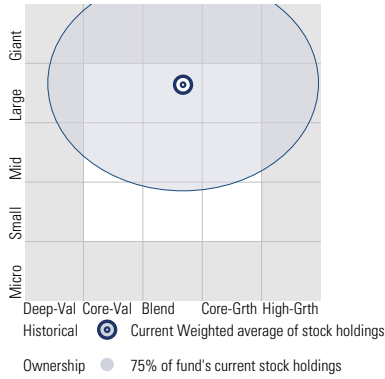
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	17.03	17.93
Price/Book Ratio	2.42	2.38	2.64
Avg Eff Duration	6.84	-	7.19

Vanguard Target Retirement 2030 Fund VTHR

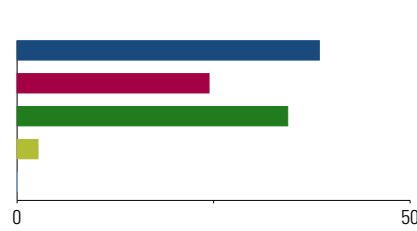
Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 06-30-2023
Morningstar Style Box™

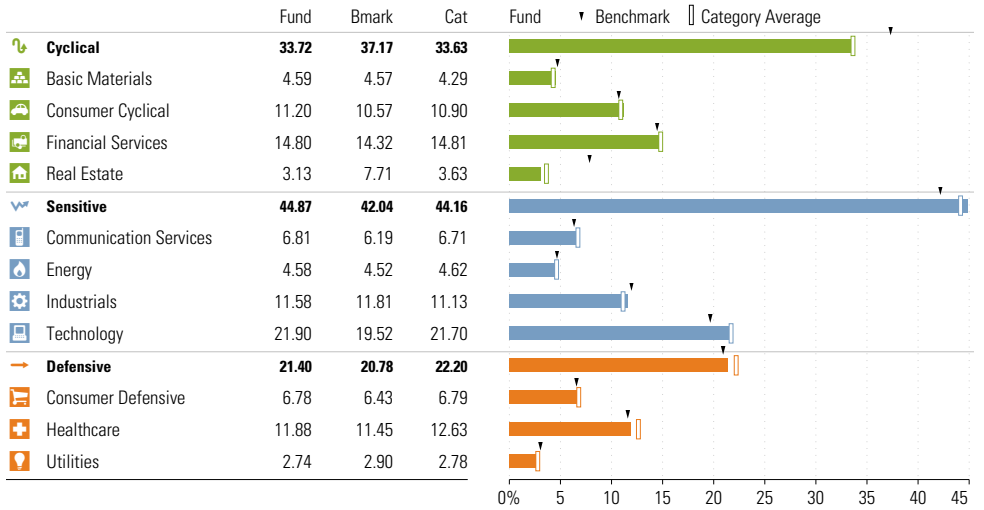


Asset Allocation as of 06-30-2023

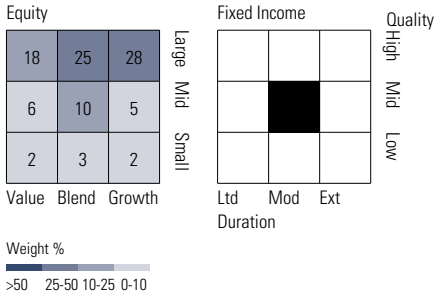


Asset Class	Net %	Cat%
US Stocks	38.45	35.05
Non-US Stocks	24.42	18.46
Bonds	34.43	33.00
Cash	2.66	1.61
Other	0.03	11.89
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Style Breakdown



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	38.71	38.71	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	25.09	63.80	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	24.41	88.21	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	10.46	98.67	-	-
⊖ Mktliq 12/31/2049	-	1.34	100.01	-	-
⊕ Us Dollar	-	0.01	100.03	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2035 Fund VTTHX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

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

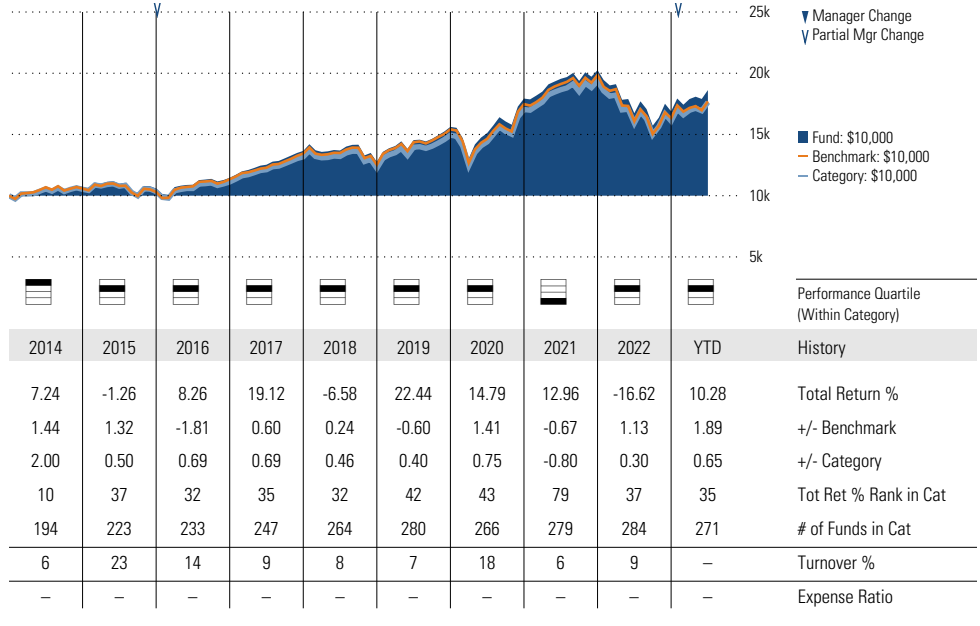
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

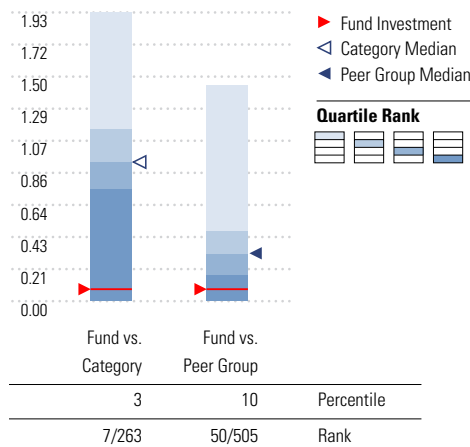
Growth of \$10,000



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	0.97	-	0.98
Beta	0.94	-	0.95
R-Squared	98.92	-	98.41
Standard Deviation	13.78	14.58	13.97
Sharpe Ratio	0.46	0.40	0.46
Tracking Error	1.68	-	2.04
Information Ratio	0.40	-	0.47
Up Capture Ratio	97.46	-	98.75
Down Capture Ratio	93.03	-	94.39

Portfolio Metrics

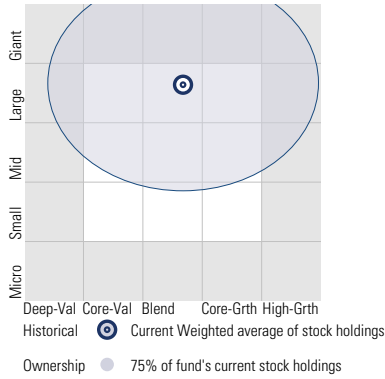
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	16.84	17.69
Price/Book Ratio	2.42	2.35	2.57
Avg Eff Duration	6.84	-	7.46

Vanguard Target Retirement 2035 Fund VTTHX

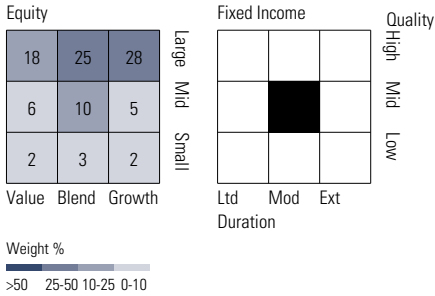
Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

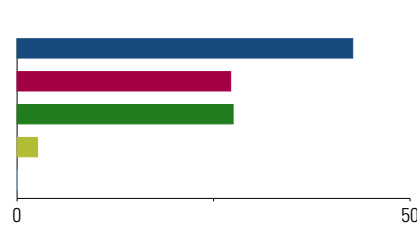
Style Analysis as of 06-30-2023
Morningstar Style Box™



Style Breakdown

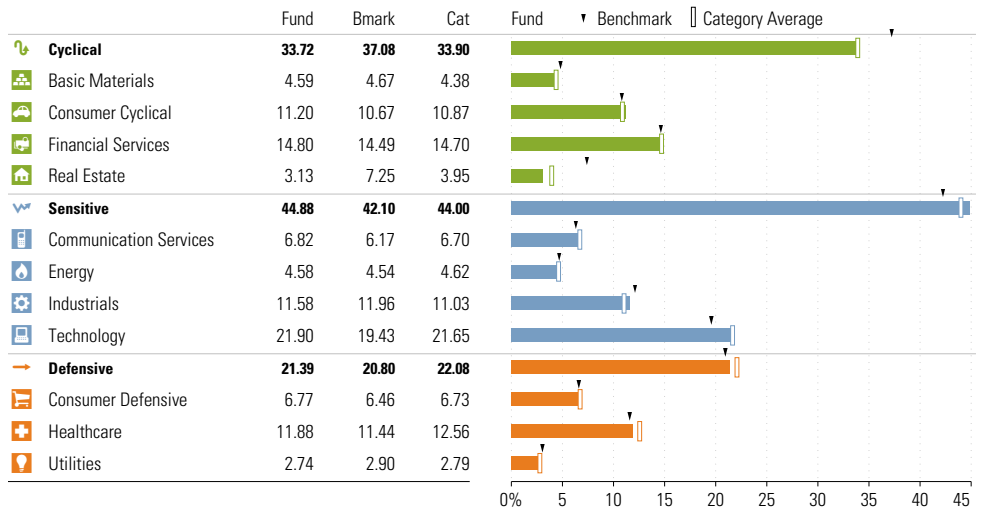


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	42.70	41.24
Non-US Stocks	27.17	22.19
Bonds	27.48	22.31
Cash	2.61	2.13
Other	0.03	12.14
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	42.99	42.99	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	27.91	70.90	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	19.55	90.45	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	8.28	98.73	-	-
⊖ Mktliq 12/31/2049	-	1.27	99.99	-	-
⊖ Us Dollar	-	0.01	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2040 Fund VFORX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2040 category average.

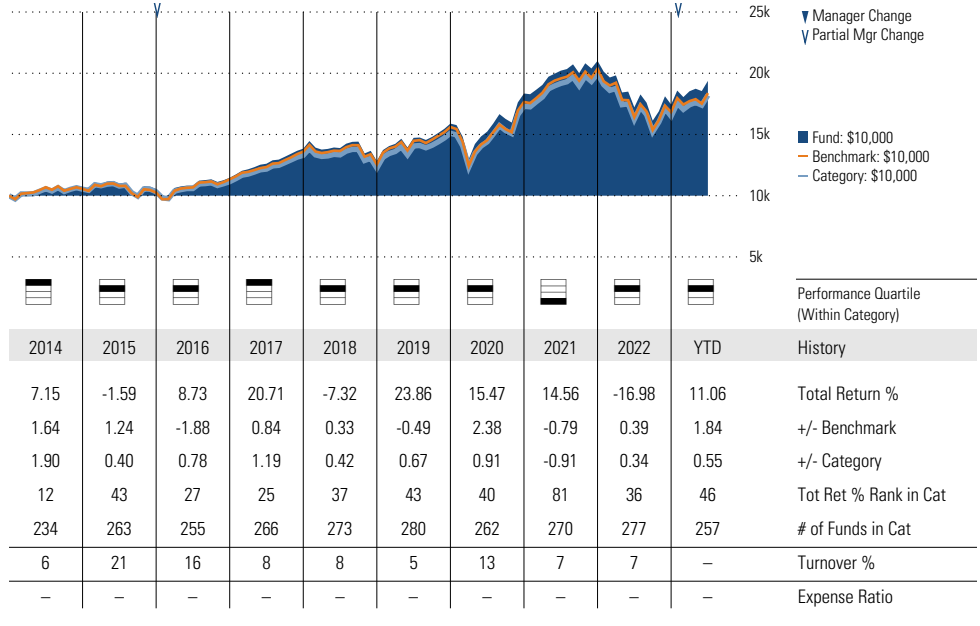
Morningstar Investment Management LLC Analysis

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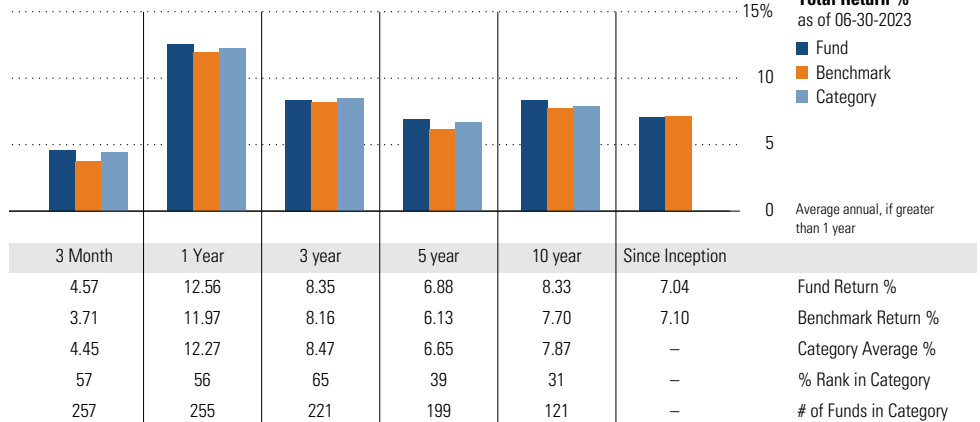
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

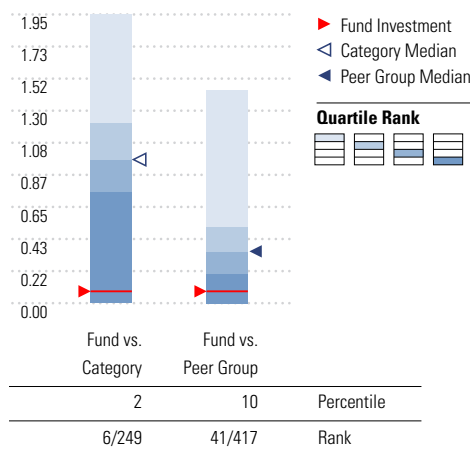
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.58	-	0.57
Beta	0.94	-	0.97
R-Squared	98.88	-	98.41
Standard Deviation	14.76	15.58	15.20
Sharpe Ratio	0.51	0.48	0.51
Tracking Error	1.80	-	2.10
Information Ratio	0.11	-	0.25
Up Capture Ratio	96.75	-	99.54
Down Capture Ratio	94.52	-	97.55

Portfolio Metrics

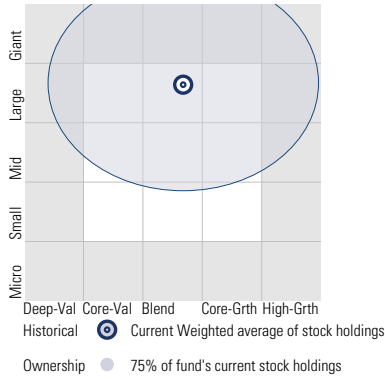
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.22	16.66	17.66
Price/Book Ratio	2.43	2.32	2.57
Avg Eff Duration	6.83	-	8.04

Vanguard Target Retirement 2040 Fund VFORX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

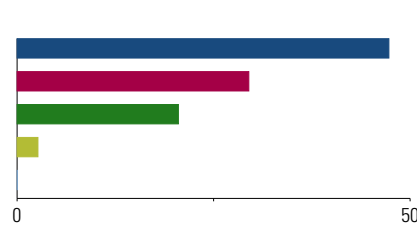
Style Analysis as of 06-30-2023
Morningstar Style Box™



Style Breakdown

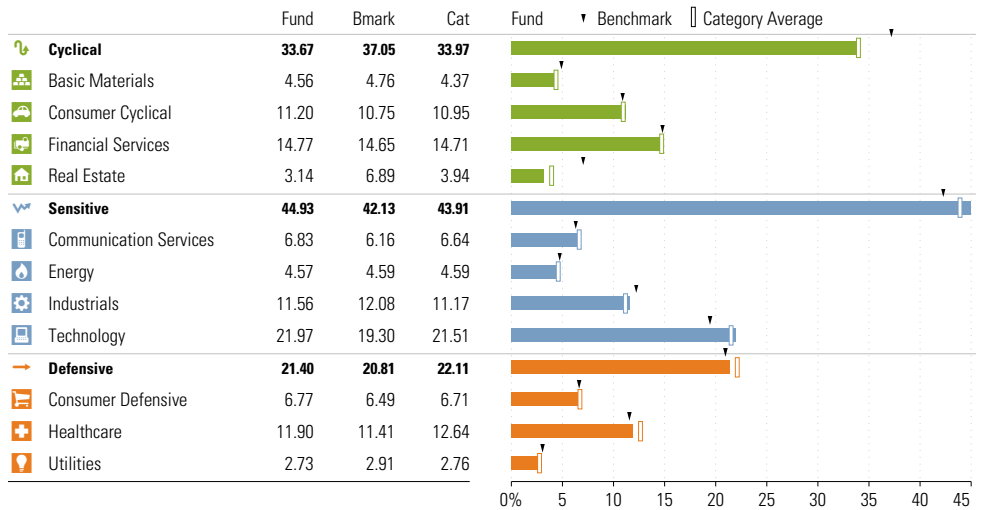


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	47.30	47.61
Non-US Stocks	29.48	25.98
Bonds	20.52	13.47
Cash	2.65	1.66
Other	0.04	11.27
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	47.62	47.62	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.28	77.90	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	14.74	92.64	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	6.05	98.69	-	-
⊕ Mktliq 12/31/2049	-	1.31	99.99	-	-
⊖ Us Dollar	-	0.01	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

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

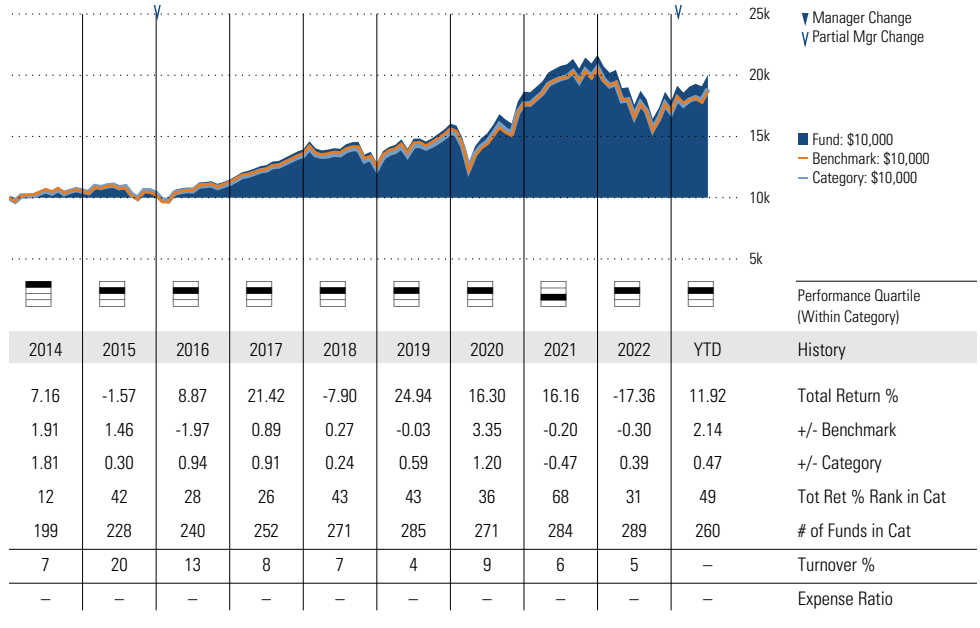
Morningstar Investment Management LLC Analysis

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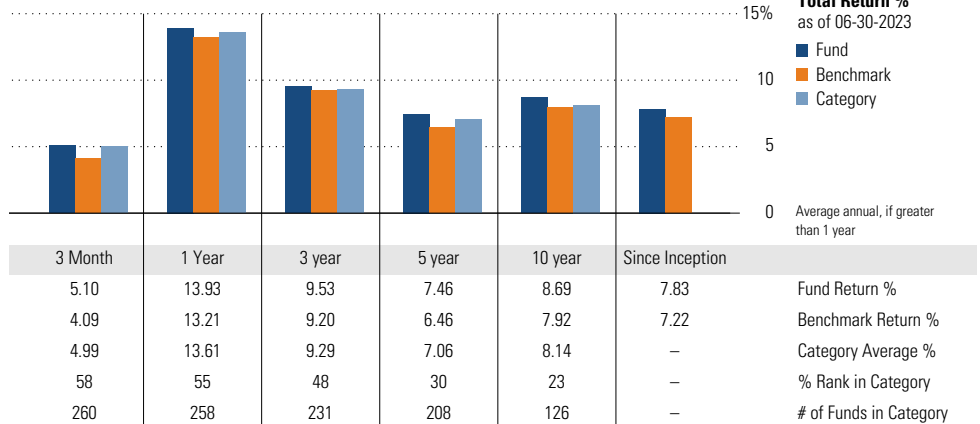
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

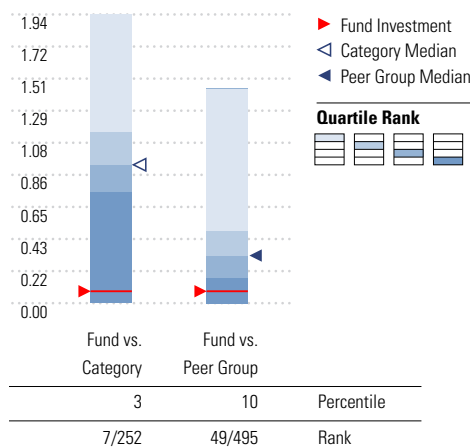
Growth of \$10,000



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	0.57	-	0.32
Beta	0.97	-	0.98
R-Squared	98.82	-	98.38
Standard Deviation	15.79	16.24	15.96
Sharpe Ratio	0.55	0.52	0.54
Tracking Error	1.80	-	2.17
Information Ratio	0.18	-	0.12
Up Capture Ratio	99.46	-	99.96
Down Capture Ratio	97.63	-	99.40

Portfolio Metrics

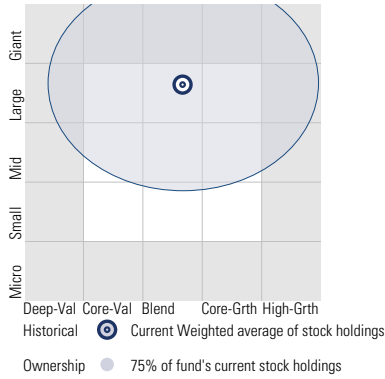
	Fund	Bmark	Cat
Price/Earnings Ratio	17.23	16.50	17.62
Price/Book Ratio	2.43	2.29	2.54
Avg Eff Duration	6.82	-	8.99

Vanguard Target Retirement 2045 Fund VTIVX

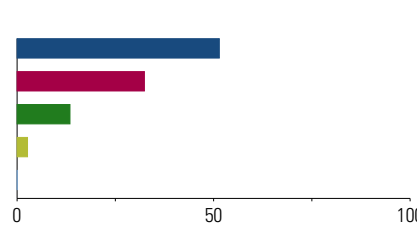
Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 06-30-2023
Morningstar Style Box™

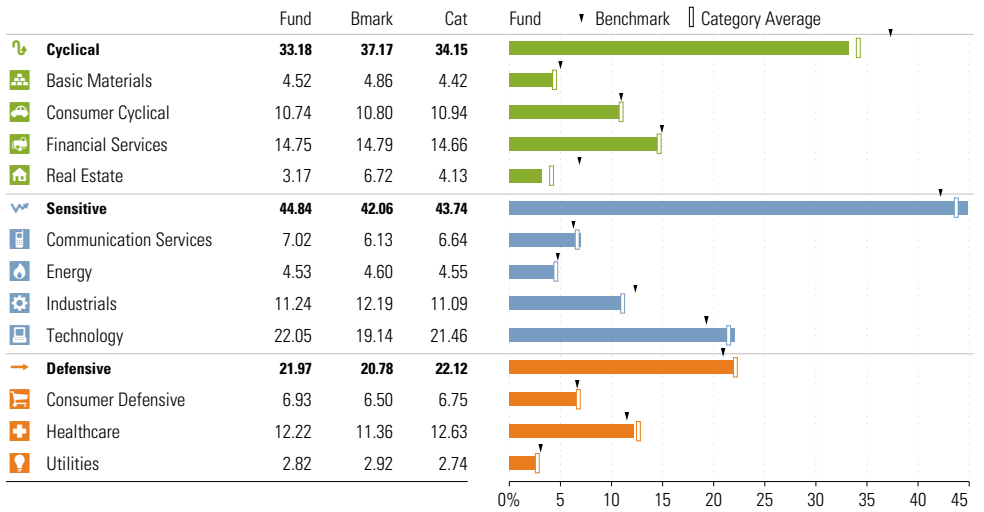


Asset Allocation as of 06-30-2023

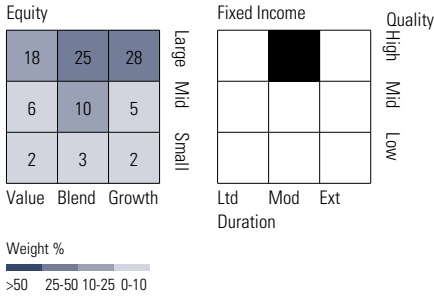


Asset Class	Net %	Cat%
US Stocks	51.45	51.33
Non-US Stocks	32.39	28.19
Bonds	13.45	7.89
Cash	2.65	1.45
Other	0.04	11.14
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Style Breakdown



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	52.05	52.05	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	33.06	85.11	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	9.74	94.85	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	3.86	98.71	-	-
⊖ Mktliq 12/31/2049	-	1.29	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2050 Fund VFI5X

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-D az 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 10.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2050 category average.

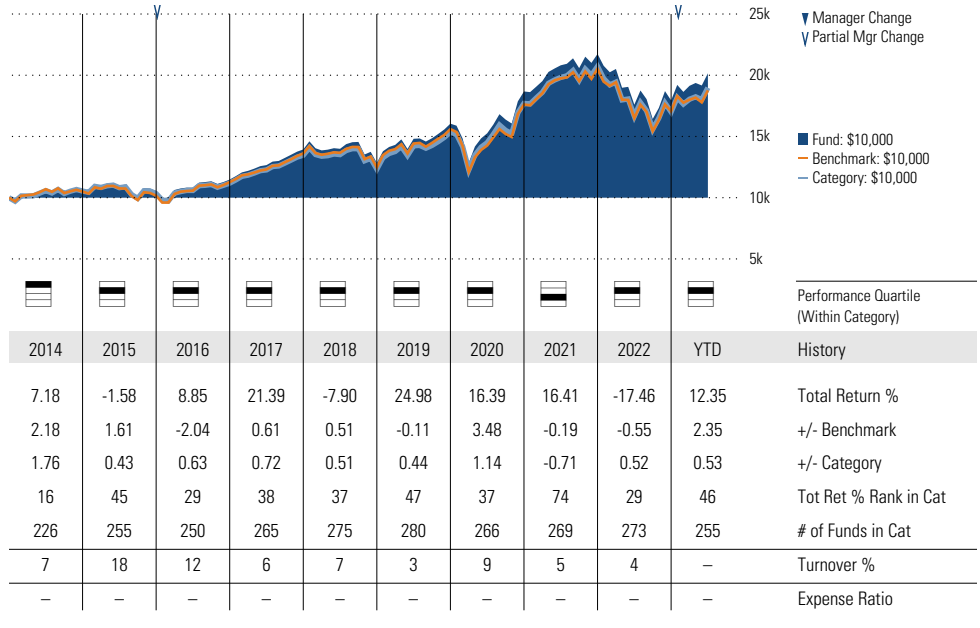
Morningstar Investment Management LLC Analysis

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

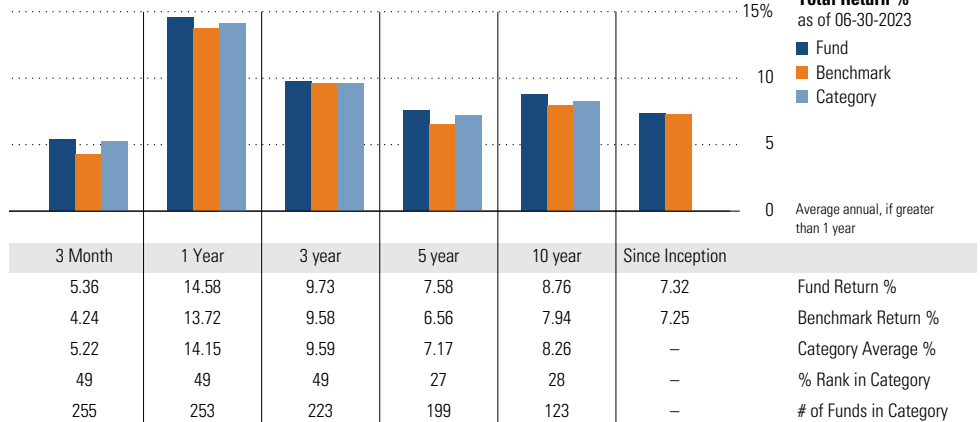
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

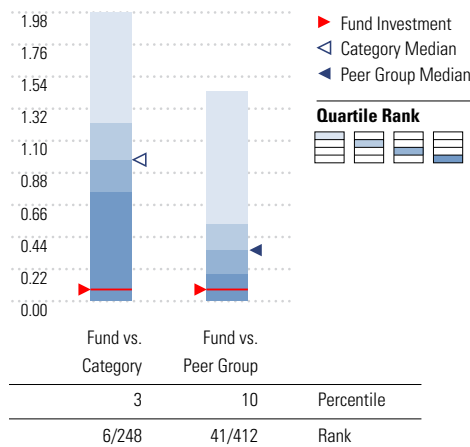
Growth of \$10,000



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	0.42	-	0.18
Beta	0.97	-	0.98
R-Squared	98.73	-	98.25
Standard Deviation	16.06	16.51	16.35
Sharpe Ratio	0.56	0.54	0.54
Tracking Error	1.89	-	2.22
Information Ratio	0.08	-	0.04
Up Capture Ratio	99.39	-	100.57
Down Capture Ratio	98.40	-	100.75

Portfolio Metrics

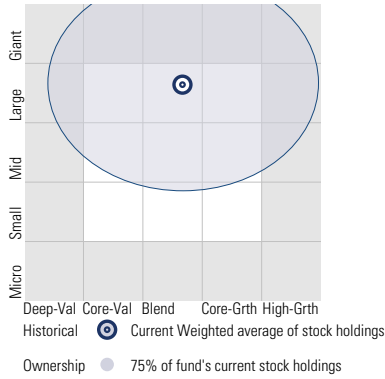
	Fund	Bmark	Cat
Price/Earnings Ratio	17.20	16.35	17.63
Price/Book Ratio	2.42	2.26	2.54
Avg Eff Duration	6.83	-	10.12

Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

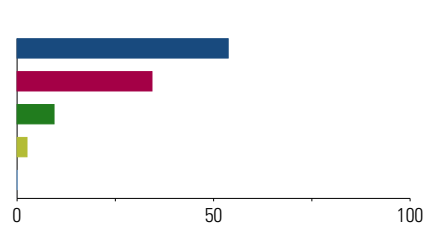
Style Analysis as of 06-30-2023
Morningstar Style Box™



Style Breakdown

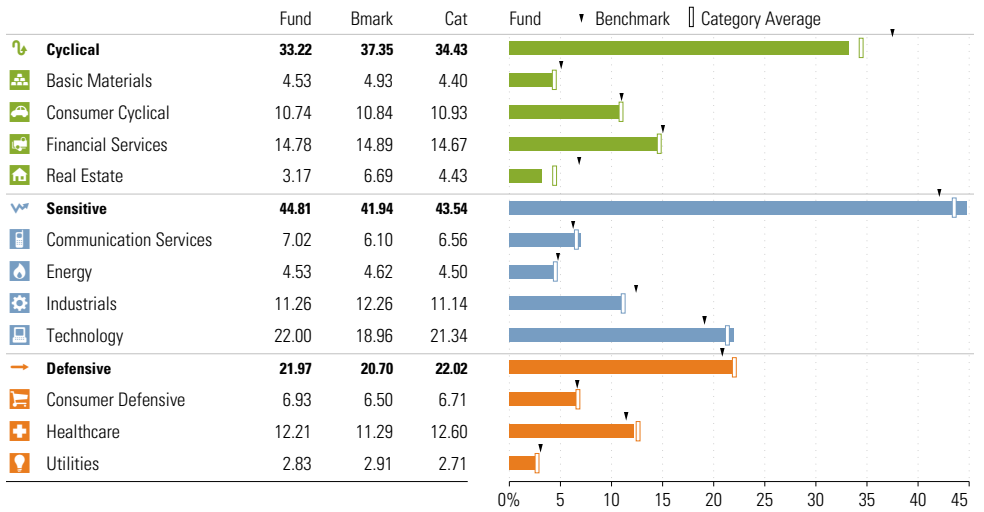


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	53.71	53.68
Non-US Stocks	34.32	29.22
Bonds	9.40	5.41
Cash	2.52	1.41
Other	0.04	10.27
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	54.33	54.33	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.04	89.37	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.76	96.13	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.74	98.87	-	-
⊖ Mktliq 12/31/2049	-	1.12	99.99	-	-
⊖ Us Dollar	-	0.01	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2055 Fund VFFVX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2055 category average.

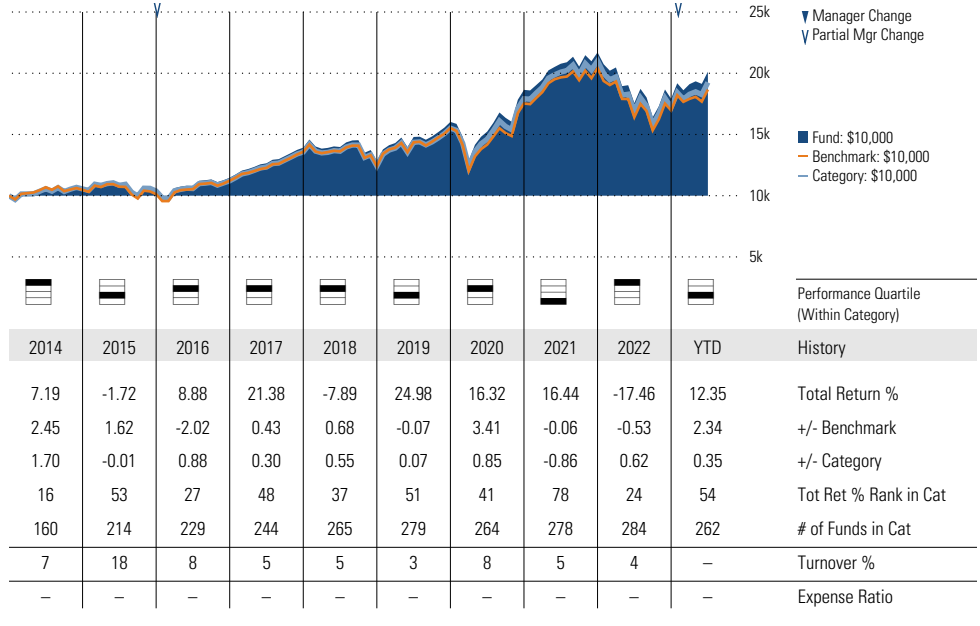
Morningstar Investment Management LLC Analysis

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

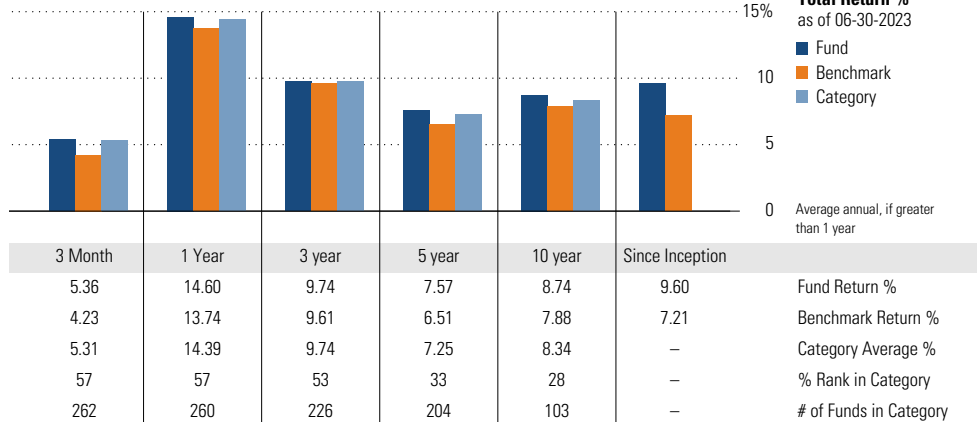
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

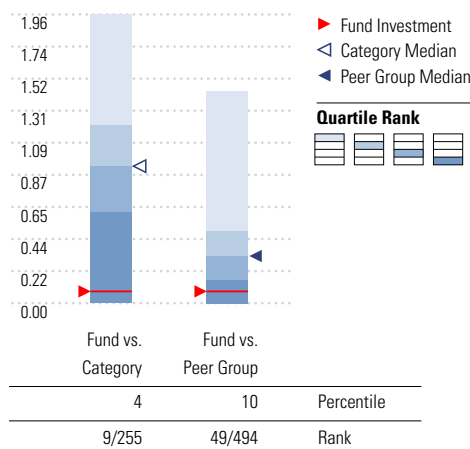
Growth of \$10,000



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	0.43	-	0.25
Beta	0.96	-	0.99
R-Squared	98.68	-	98.16
Standard Deviation	16.07	16.58	16.50
Sharpe Ratio	0.56	0.54	0.55
Tracking Error	1.95	-	2.25
Information Ratio	0.07	-	0.08
Up Capture Ratio	99.17	-	101.37
Down Capture Ratio	98.20	-	101.40

Portfolio Metrics

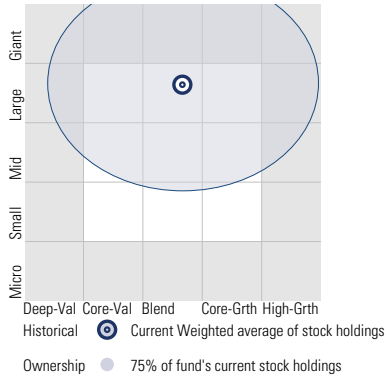
	Fund	Bmark	Cat
Price/Earnings Ratio	17.17	16.22	17.33
Price/Book Ratio	2.41	2.23	2.50
Avg Eff Duration	6.83	-	10.83

Vanguard Target Retirement 2055 Fund VFFVX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

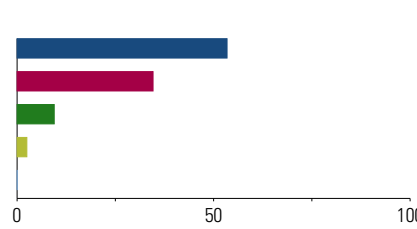
Style Analysis as of 06-30-2023
Morningstar Style Box™



Style Breakdown

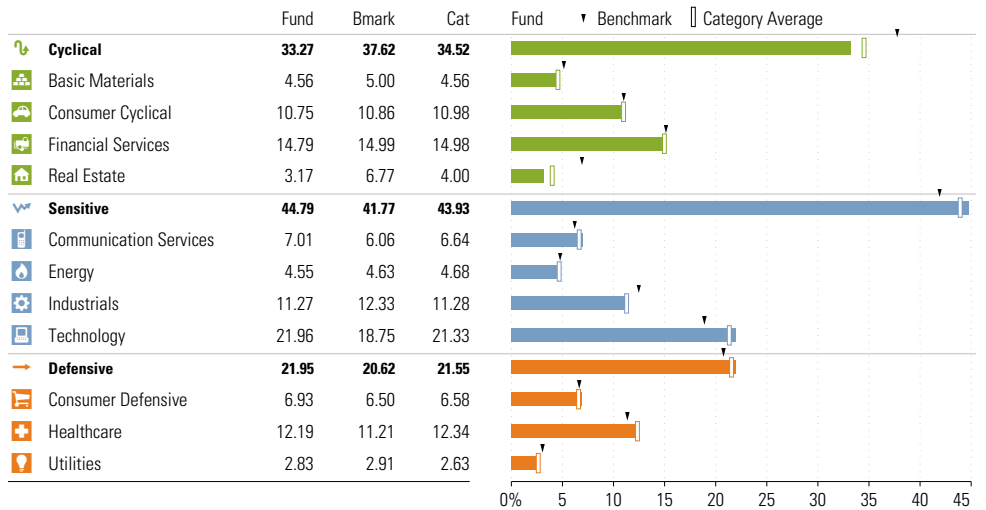


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	53.42	51.72
Non-US Stocks	34.59	30.27
Bonds	9.44	6.26
Cash	2.48	1.25
Other	0.04	10.51
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	54.03	54.03	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.32	89.36	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.79	96.15	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.76	98.91	-	-
⊖ Mktliq 12/31/2049	-	1.08	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
Aurélien Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

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

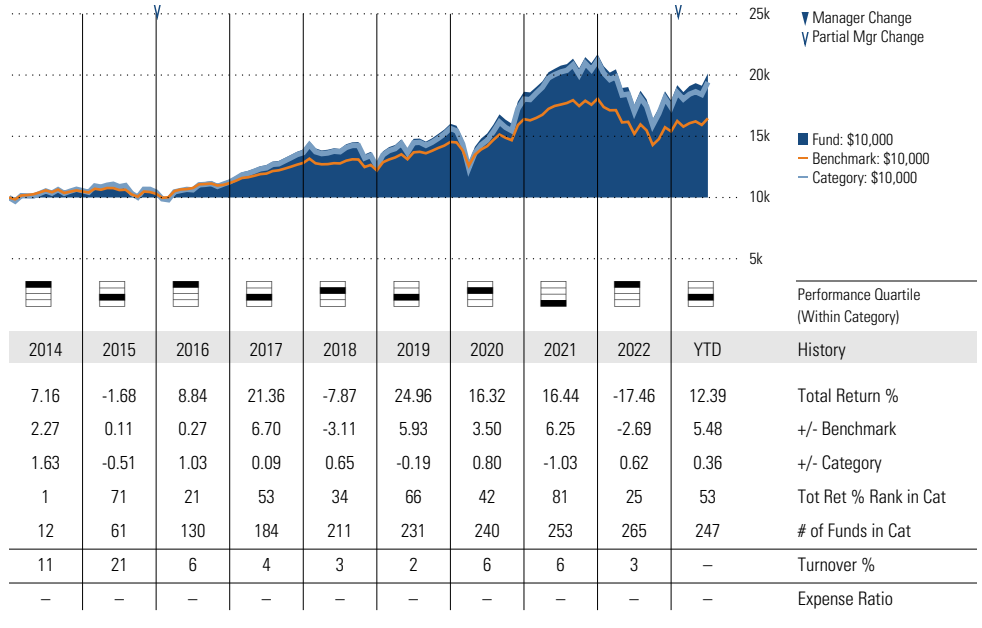
Morningstar Investment Management LLC Analysis

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.

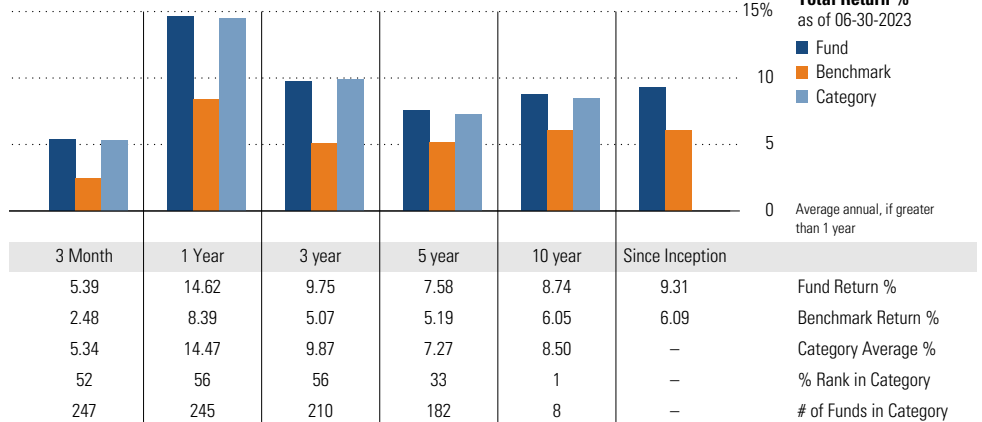
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

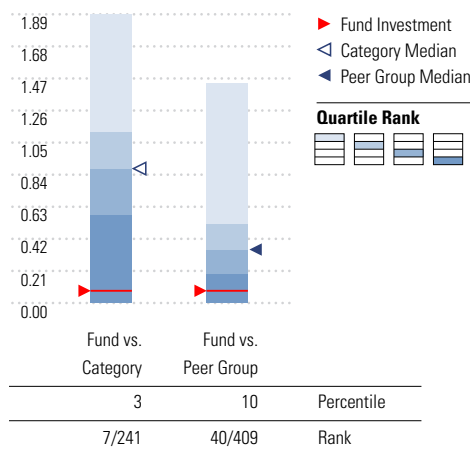
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.20	-	3.15
Beta	1.30	-	1.33
R-Squared	98.27	-	97.19
Standard Deviation	16.05	12.25	16.54
Sharpe Ratio	0.56	0.33	0.55
Tracking Error	4.23	-	4.93
Information Ratio	1.11	-	0.96
Up Capture Ratio	142.76	-	146.36
Down Capture Ratio	125.83	-	130.07

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.13	16.12	17.31
Price/Book Ratio	2.40	2.19	2.46
Avg Eff Duration	6.83	-	10.07

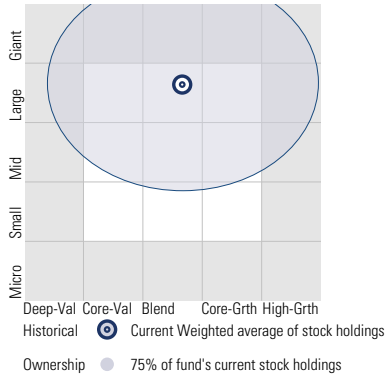
Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category
Target-Date 2060

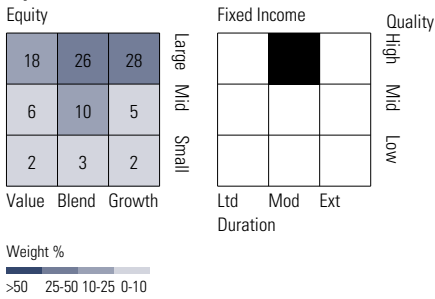
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 06-30-2023

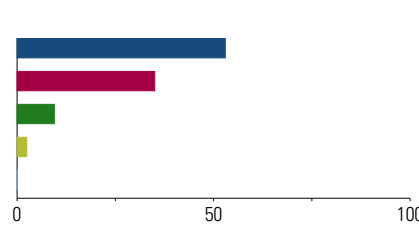
Morningstar Style Box™



Style Breakdown

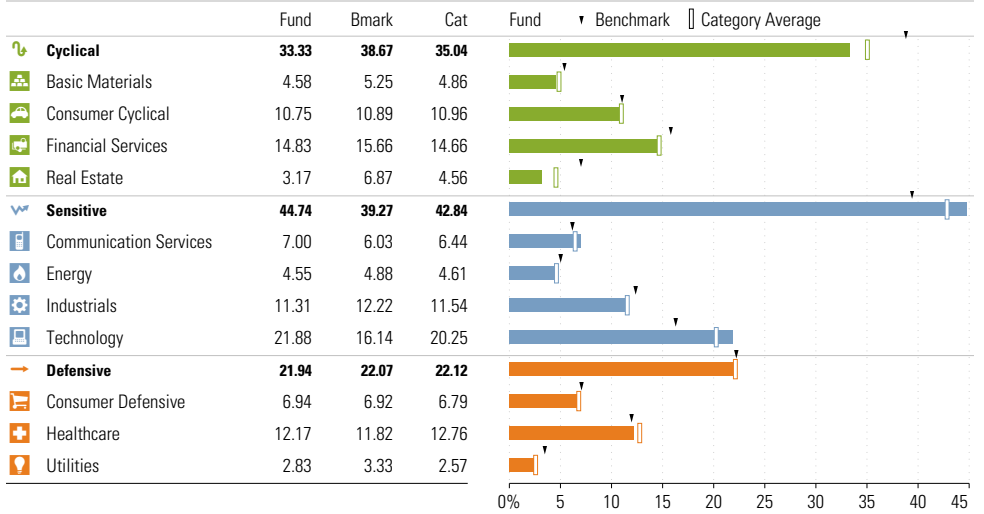


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	52.97	46.07
Non-US Stocks	35.02	31.88
Bonds	9.48	5.06
Cash	2.47	1.50
Other	0.04	15.50
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	—	53.57	53.57	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.77	89.35	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	6.81	96.16	—	—
⊕ Vanguard Total Intl Bd II Idx Instl	—	2.77	98.93	—	—
⊖ Mktliq 12/31/2049	—	1.06	99.98	—	—
⊕ Us Dollar	—	0.02	100.00	—	—

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category
Target-Date 2065+

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

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

Quantitative Screens

✗ **Performance:** The fund has finished in the Target-Date 2065+ category's top three quartiles in 3 of the 5 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.97 years.

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

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

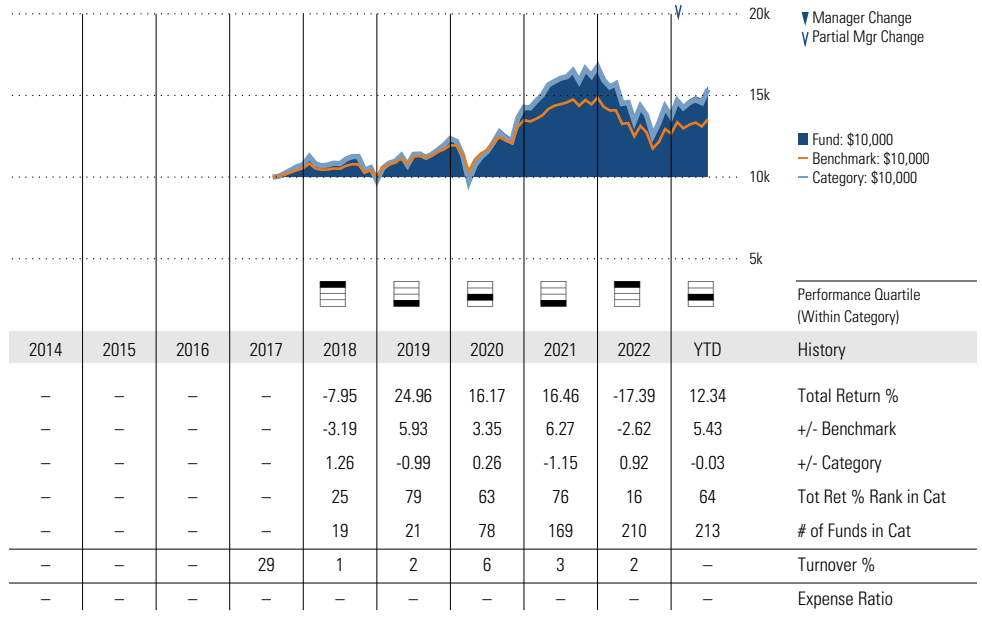
Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen but we maintain our long-term conviction in this target-date series and continue to be comfortable recommending it for retirement plans.

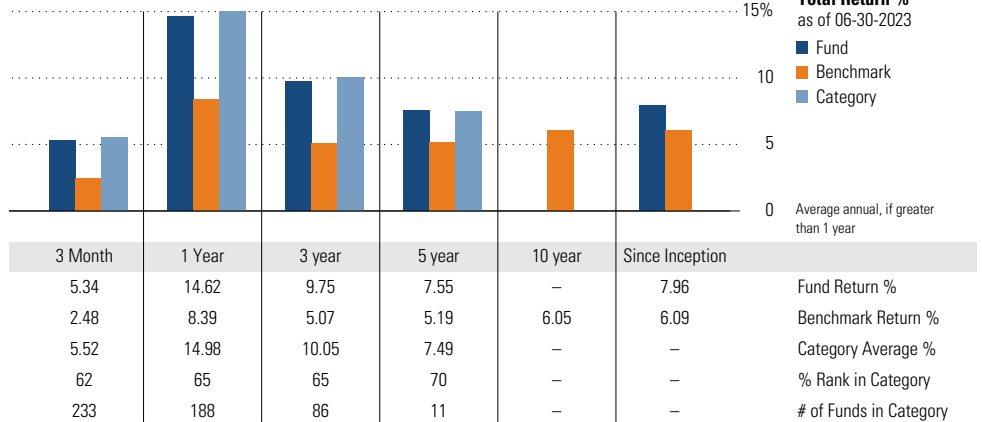
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

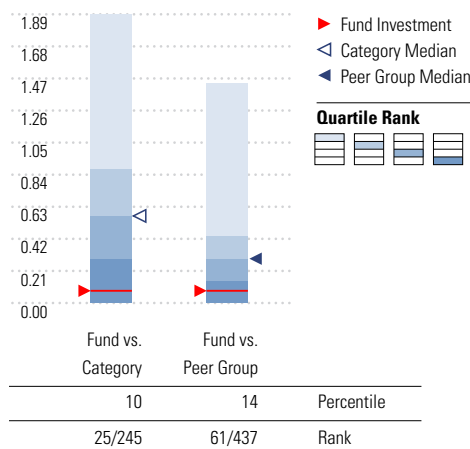
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.21	-	3.21
Beta	1.30	-	1.36
R-Squared	98.26	-	97.52
Standard Deviation	16.05	12.25	16.87
Sharpe Ratio	0.56	0.33	0.55
Tracking Error	4.23	-	5.15
Information Ratio	1.11	-	0.95
Up Capture Ratio	142.77	-	149.16
Down Capture Ratio	125.82	-	132.53

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.12	16.12	17.16
Price/Book Ratio	2.40	2.19	2.42
Avg Eff Duration	6.84	-	10.51

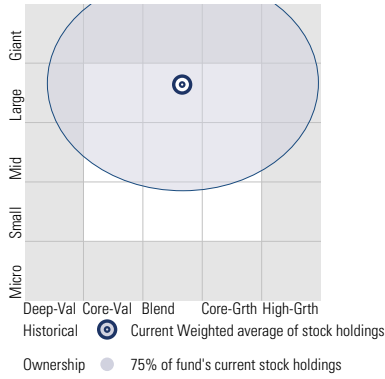
Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category
Target-Date 2065+

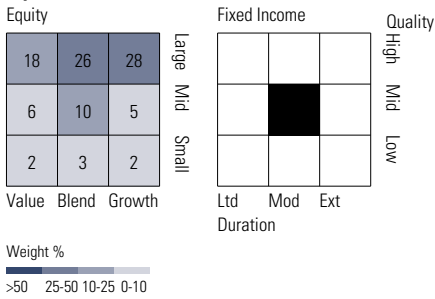
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 06-30-2023

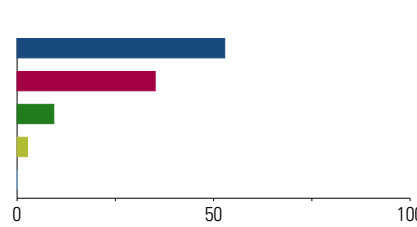
Morningstar Style Box™



Style Breakdown

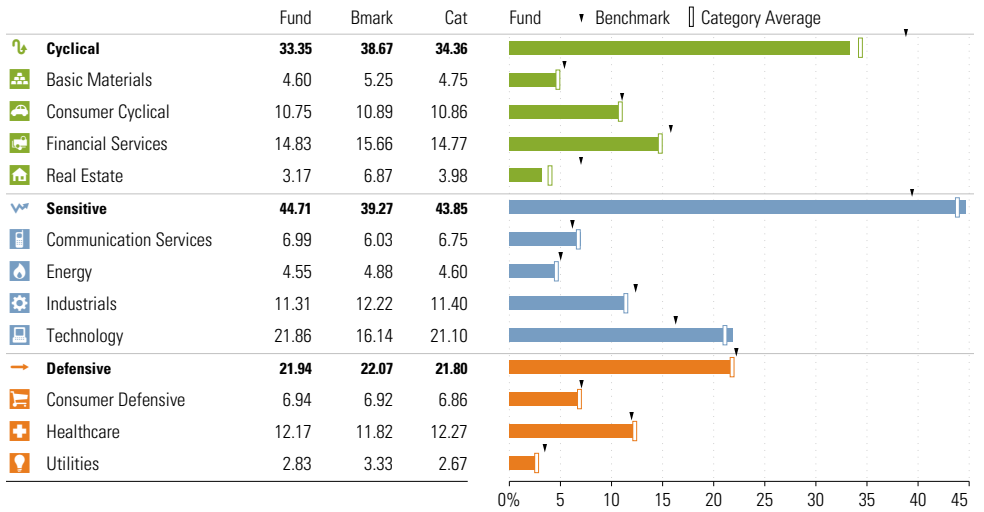


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	52.83	47.54
Non-US Stocks	35.13	32.32
Bonds	9.34	6.74
Cash	2.65	1.97
Other	0.04	11.44
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.43	53.43	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.89	89.32	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.64	95.95	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.81	98.76	-	-
⊖ Mktliq 12/31/2049	-	1.22	99.98	-	-
⊕ Us Dollar	-	0.02	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2070 Fund VSVNX

Morningstar Category
Target-Date 2065+

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

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

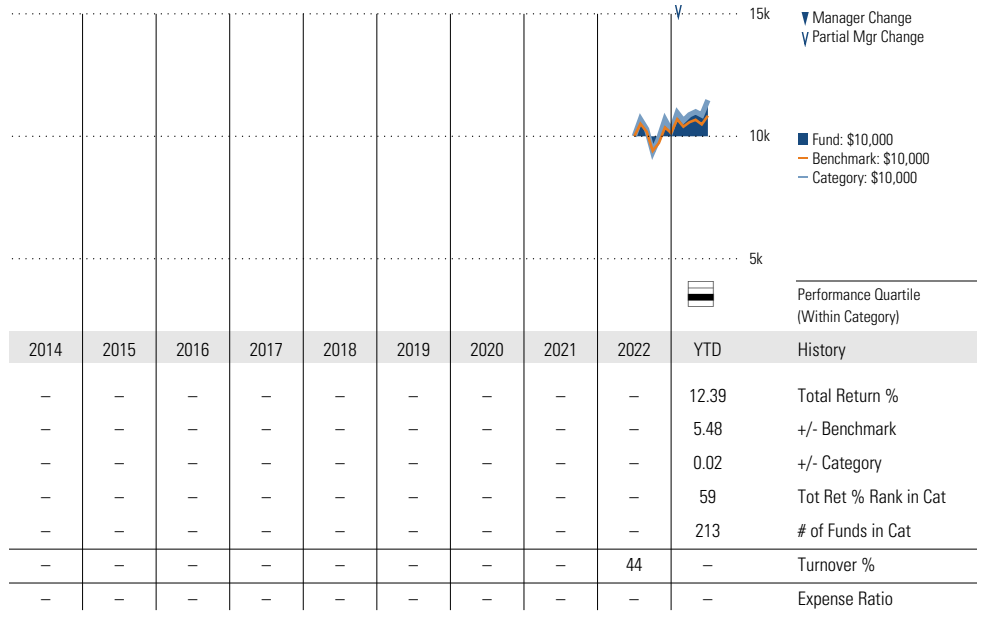
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

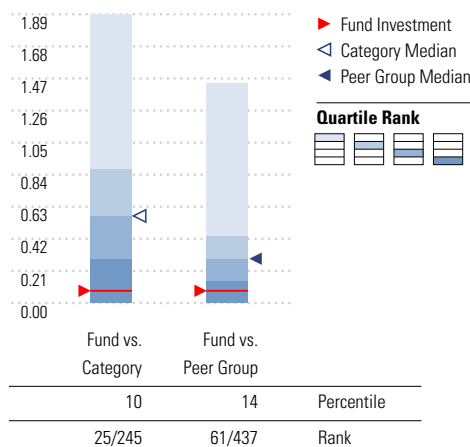
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	3.21
Beta	-	-	1.36
R-Squared	-	-	97.52
Standard Deviation	-	12.25	16.87
Sharpe Ratio	-	0.33	0.55
Tracking Error	-	-	5.15
Information Ratio	-	-	0.95
Up Capture Ratio	-	-	149.16
Down Capture Ratio	-	-	132.53

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.14	16.12	17.16
Price/Book Ratio	2.40	2.19	2.42
Avg Eff Duration	6.84	-	10.51

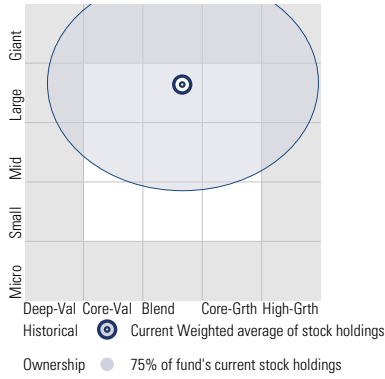
Vanguard Target Retirement 2070 Fund VSVNX

Morningstar Category
Target-Date 2065+

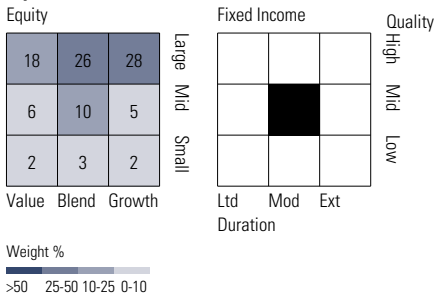
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 06-30-2023

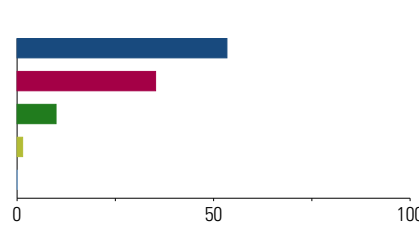
Morningstar Style Box™



Style Breakdown

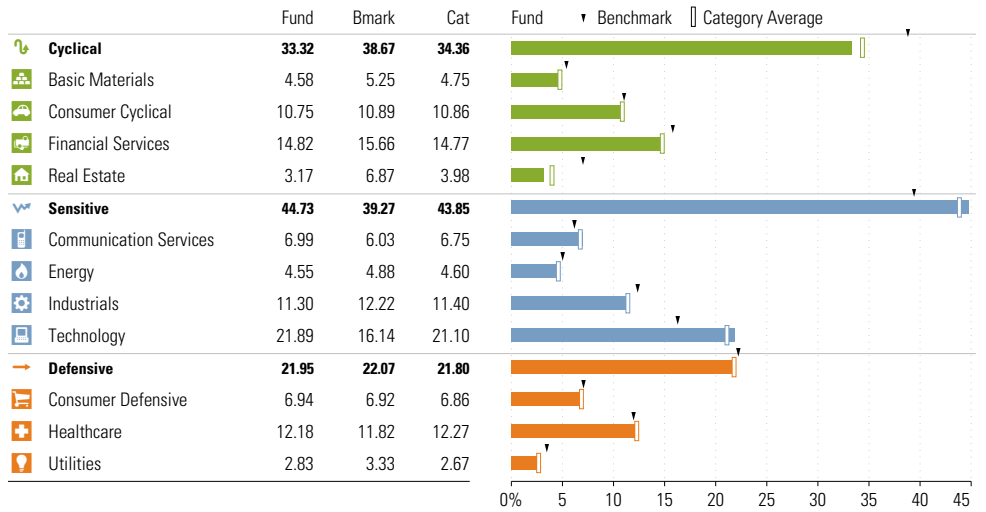


Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	53.39	47.54
Non-US Stocks	35.24	32.32
Bonds	9.91	6.74
Cash	1.41	1.97
Other	0.04	11.44
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	54.00	54.00	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.99	89.99	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	7.02	97.01	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	3.00	100.01	-	-
⊕ Us Dollar	-	0.09	100.10	-	-
⊕ Mktliq 12/31/2049	-	0.09	100.19	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement Income Fund VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Díaz 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 10.36 years.

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

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

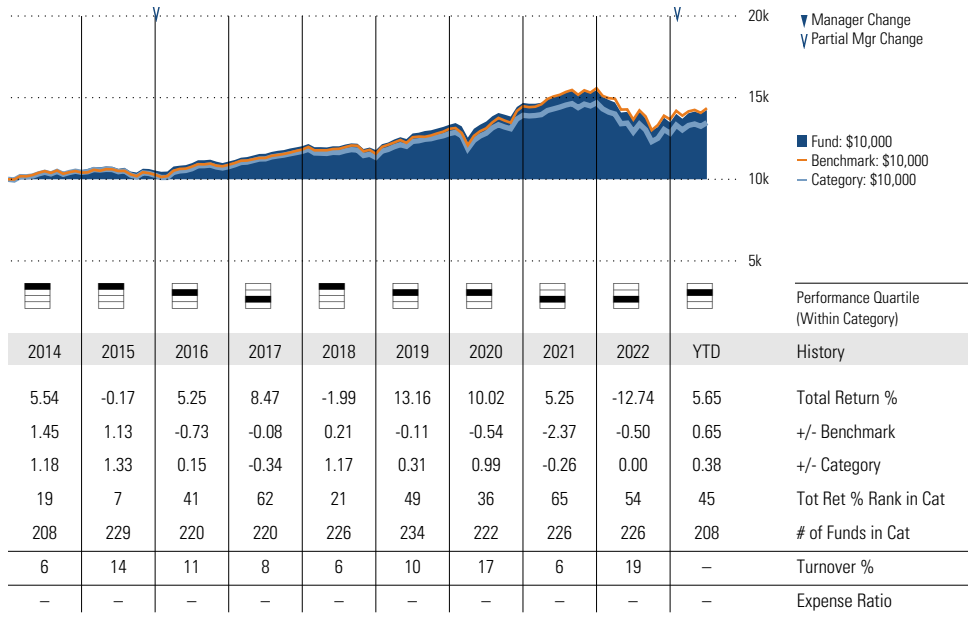
Morningstar Investment Management LLC Analysis

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	3	05-31-2023
ESG Commitment	1-Low	02-15-2022

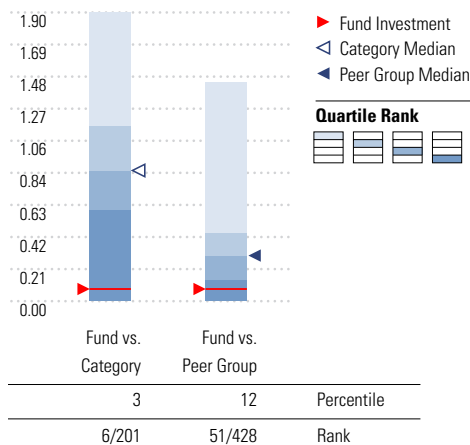
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.02	-	-0.99
Beta	0.89	-	0.94
R-Squared	97.28	-	96.06
Standard Deviation	8.05	8.87	8.52
Sharpe Ratio	0.05	0.20	0.06
Tracking Error	1.62	-	2.00
Information Ratio	-0.82	-	-0.58
Up Capture Ratio	85.92	-	90.05
Down Capture Ratio	94.29	-	98.19

Portfolio Metrics

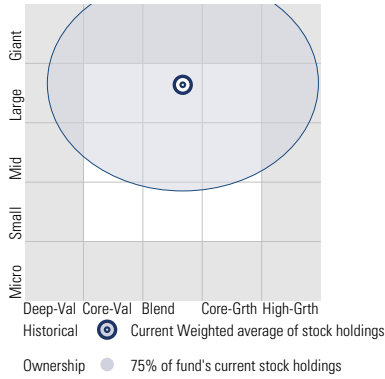
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.11	17.86	17.49
Price/Book Ratio	2.41	2.53	2.40
Avg Eff Duration	5.84	-	6.52

Vanguard Target Retirement Income Fund VTINX

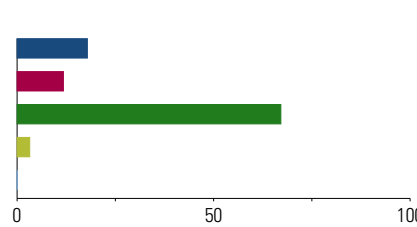
Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

Style Analysis as of 06-30-2023
Morningstar Style Box™

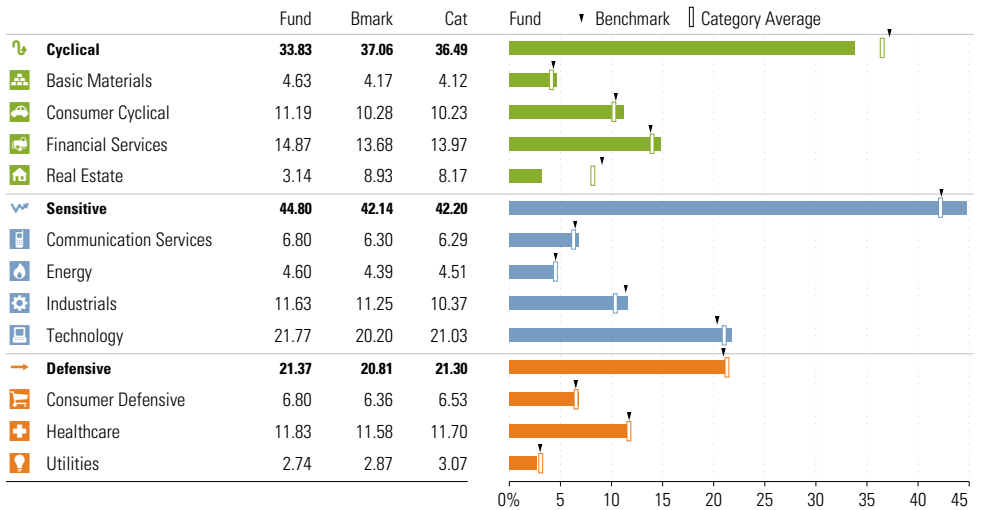


Asset Allocation as of 06-30-2023

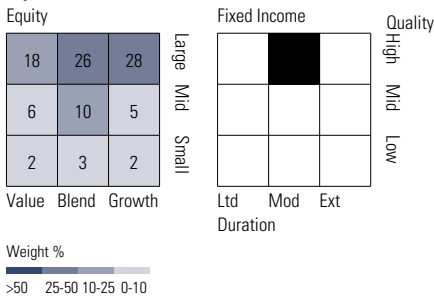


Asset Class	Net %	Cat%
US Stocks	17.88	19.02
Non-US Stocks	11.78	9.86
Bonds	67.11	53.57
Cash	3.21	4.17
Other	0.02	13.39
Total	100.00	100.00

Sector Weighting as of 06-30-2023



Style Breakdown



Top 7 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	-	36.32	36.32	-	-
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	18.00	54.32	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.60	70.92	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	16.09	87.01	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	12.11	99.11	-	-
⊖ Mktliq 12/31/2049	-	0.91	100.02	-	-
⊕ Us Dollar	-	0.02	100.05	-	-

Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio