

American Funds Intl Gr and Inc R6 RIGGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Andrew Suzman since 10-2008
Steven Watson since 10-2008
Patrice Collette since 09-2010
Leo Hee since 07-2015
Michael Cohen since 07-2018
Lisa Thompson since 09-2018
Barbara Burtin since 09-2024
Bobby Chada since 09-2024

Quantitative Screens

- Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 16.26 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 0.54 is 34.15% lower than the Foreign Large Blend category average.

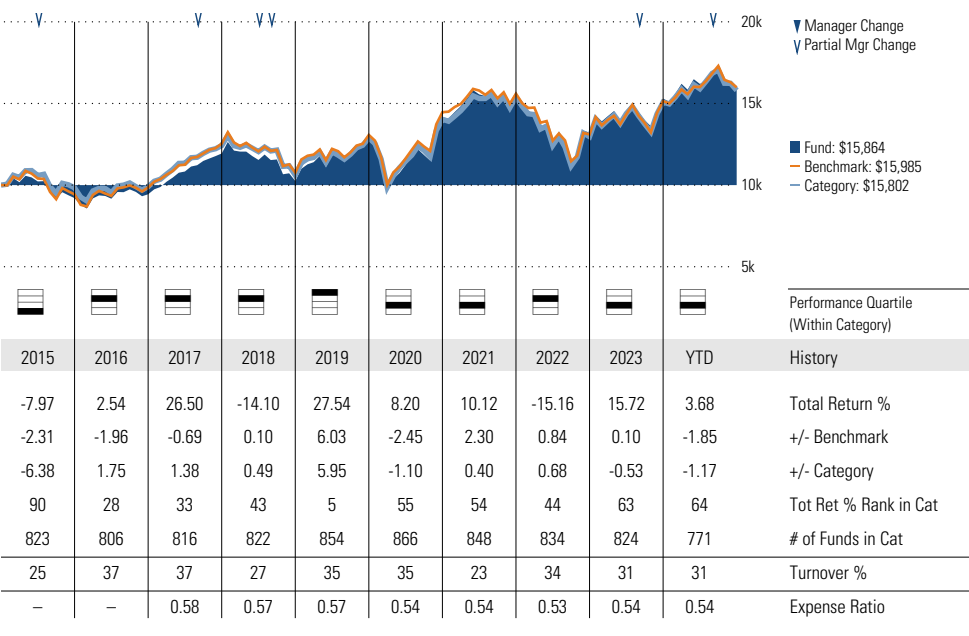
Morningstar Investment Management LLC Analysis

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

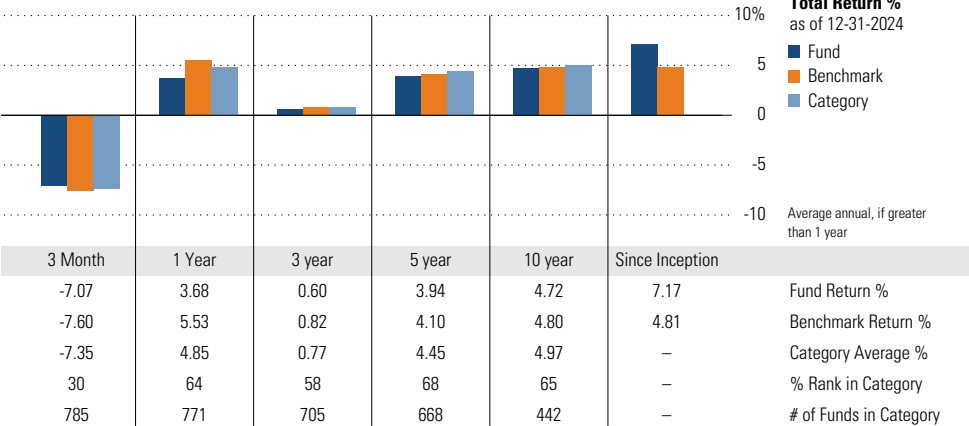
ESG Metrics

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

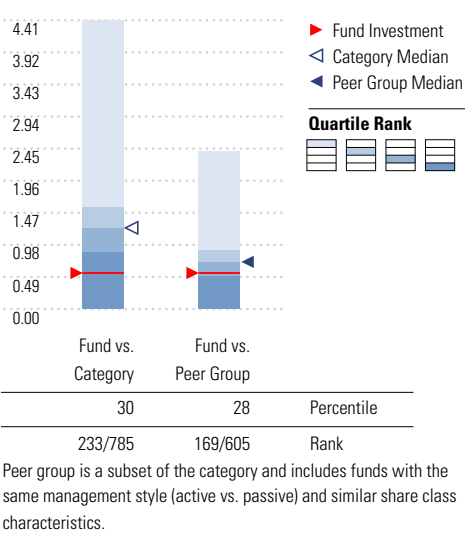
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.18	-	-0.18
Beta	0.98	-	1.02
R-Squared	94.16	-	92.81
Standard Deviation	16.37	16.25	17.28
Sharpe Ratio	-0.14	-0.13	-0.13
Tracking Error	3.97	-	4.64
Information Ratio	-0.06	-	-0.05
Up Capture Ratio	99.33	-	105.80
Down Capture Ratio	100.34	-	107.10

Portfolio Metrics

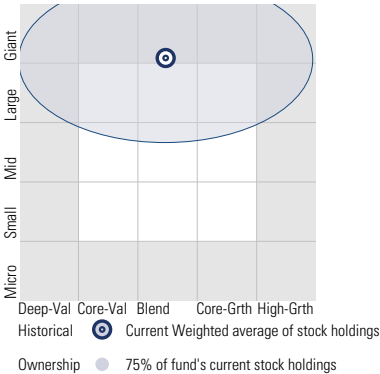
	Fund	Bmark	Cat
Price/Earnings Ratio	15.15	15.67	15.97
Price/Book Ratio	1.78	1.81	1.85
Geom Avg Mkt Cap \$B	53.74	50.11	58.43
ROE	18.53	16.85	17.76

American Funds Intl Gr and Inc R6 RIGGX

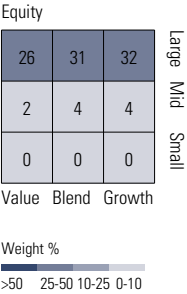
Morningstar Category Foreign Large Blend
Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 12-31-2024

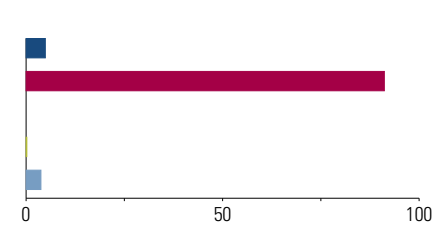
Morningstar Style Box™



Style Breakdown

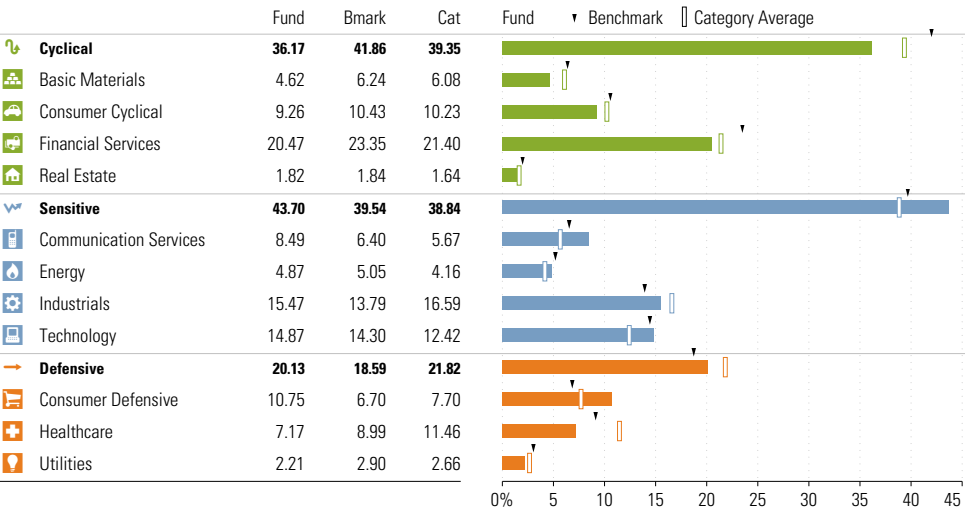


Asset Allocation as of 12-31-2024

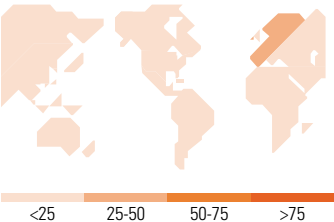


Asset Class	Net %	Cat%
US Stocks	4.89	3.62
Non-US Stocks	91.15	93.59
Bonds	0.00	-1.99
Cash	0.19	5.38
Other	3.77	-0.58
Total	100.00	100.00

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



World Region	Fund %	Cat %	World Region	Fund %	Cat %	World Region	Fund %	Cat %	Market Maturity	Fund %
Japan	6.62	18.99	North America	10.19	7.91	United Kingdom	14.38	13.63	Developed Markets	86.64
Australasia	0.92	4.85	Central/Latin	2.61	1.00	W euro-ex UK	40.74	40.55	Emerging Markets	13.36
Asia-4 Tigers	13.16	6.66				Emrgng Europe	0.00	0.09	Not Available	0.00
Asia-ex 4 Tigers	10.31	5.35				Africa	1.08	0.98		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Taiwan Semiconductor Manufacturing Co Ltd	4.60	4.60	—	Technology
⊖ Capital Group Central Cash M	3.54	8.14	—	—
⊖ Novo Nordisk AS Class B	1.89	10.03	—	Healthcare
⊕ TotalEnergies SE	1.86	11.89	—	Energy
⊖ ASML Holding NV	1.73	13.62	—	Technology
⊕ BAE Systems PLC	1.69	15.31	—	Industrials
⊖ MediaTek Inc	1.65	16.96	—	Technology
⊖ Broadcom Inc	1.62	18.57	—	Technology
⊕ British American Tobacco PLC	1.53	20.11	—	Consumer Defensive
⊖ Tencent Holdings Ltd	1.37	21.48	—	Communication Svc

Total Holdings 267

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds New Perspective R6 RNPGX

Morningstar Category
Global Large-Stock Growth

Morningstar Index
MSCI ACWI NR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance:** The fund has finished in the Global Large-Stock Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 24.1 years.
- Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.41 is 61.32% lower than the Global Large-Stock Growth category average.

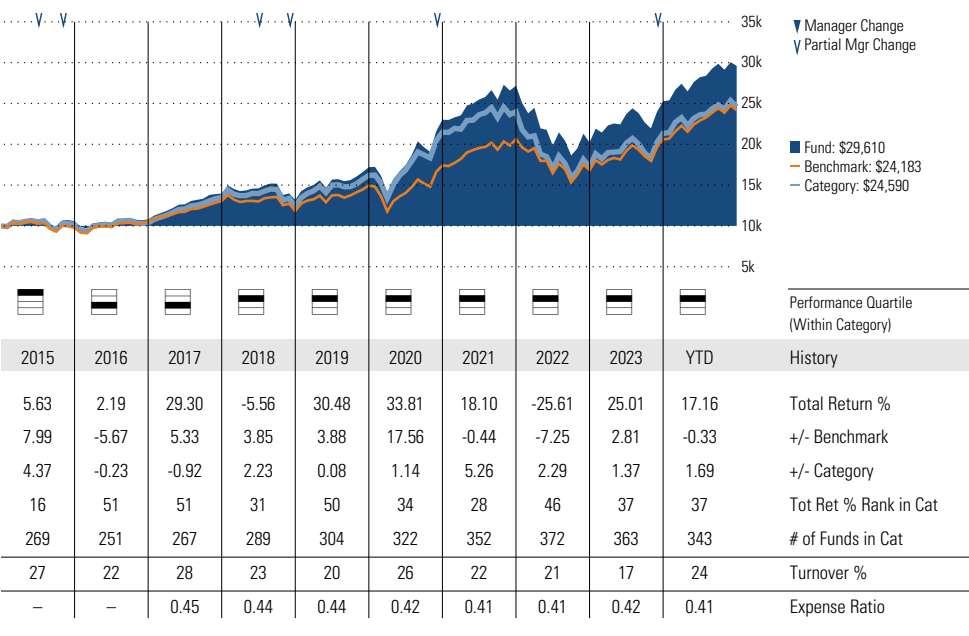
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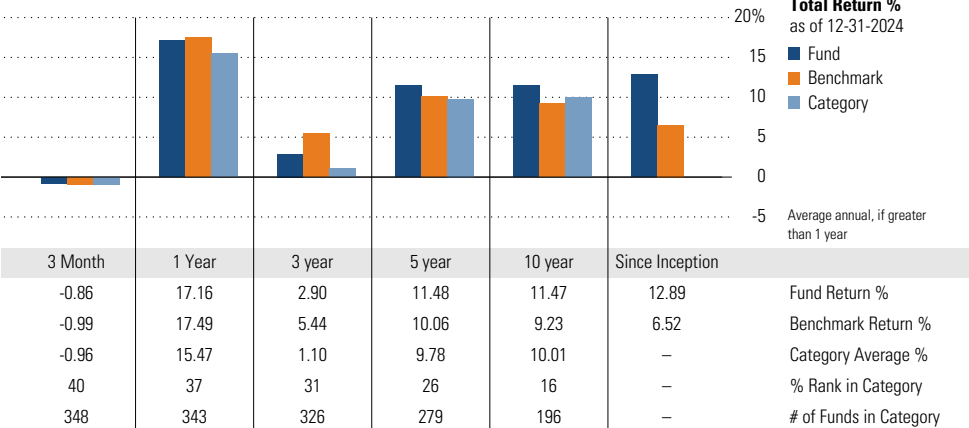
ESG Metrics

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

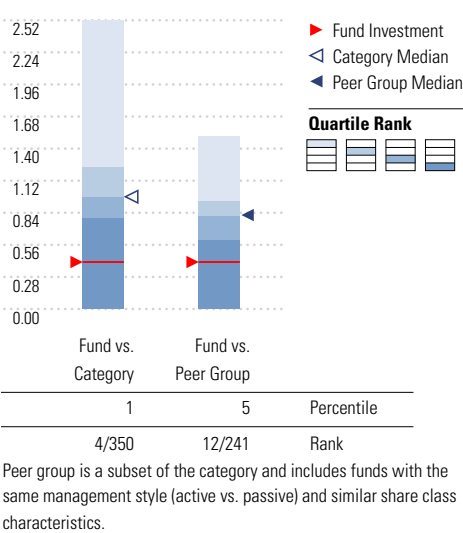
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

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

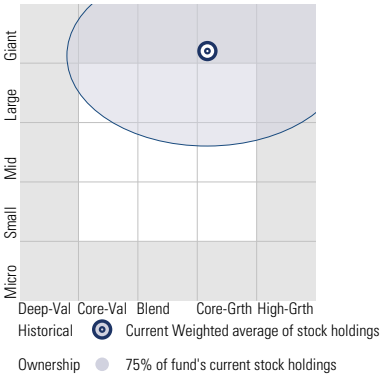
American Funds New Perspective R6 RNPGX

Morningstar Category
Global Large-Stock Growth

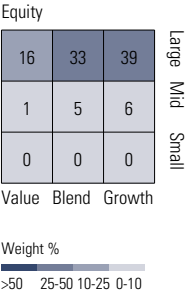
Morningstar Index
MSCI ACWI NR USD

Style Analysis as of 12-31-2024

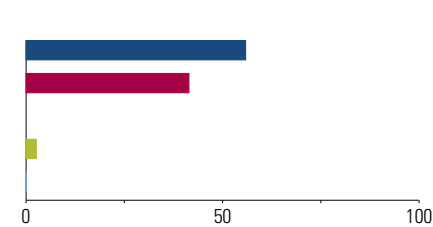
Morningstar Style Box™



Style Breakdown

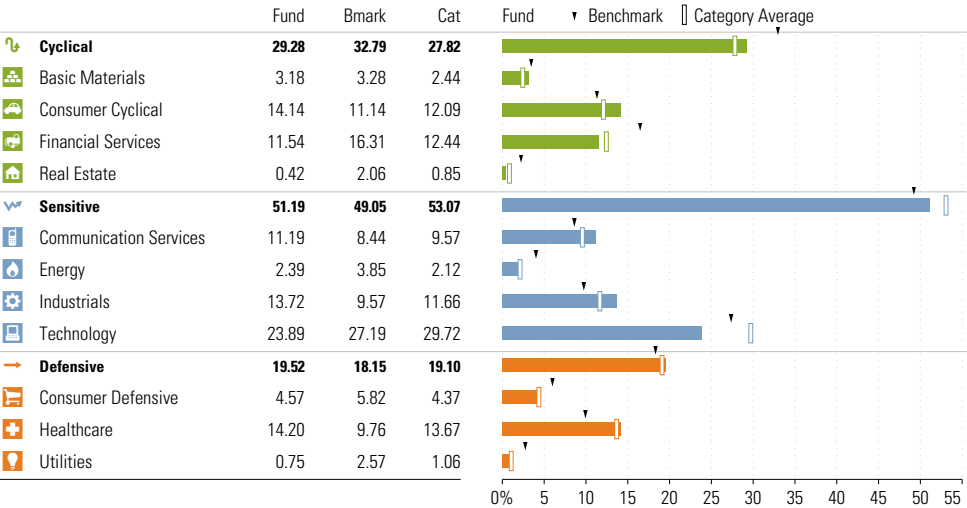


Asset Allocation as of 12-31-2024



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

Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Greater Asia	Fund % 11.56	Cat % 12.80	Americas	Fund % 61.85	Cat % 65.90	Greater Europe	Fund % 26.60	Cat % 21.30	Market Maturity	Fund %
Japan	3.31	4.03	North America	60.70	64.45	United Kingdom	5.16	4.47	Developed Markets	95.86
Australasia	0.38	0.26	Central/Latin	1.15	1.45	W euro-ex UK	21.23	16.48	Emerging Markets	4.14
Asia-4 Tigers	5.08	4.10				Emrgng Europe	0.00	0.00	Not Available	0.00
Asia-ex 4 Tigers	2.79	4.41				Africa	0.21	0.35		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2024

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

Total Holdings 267

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

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

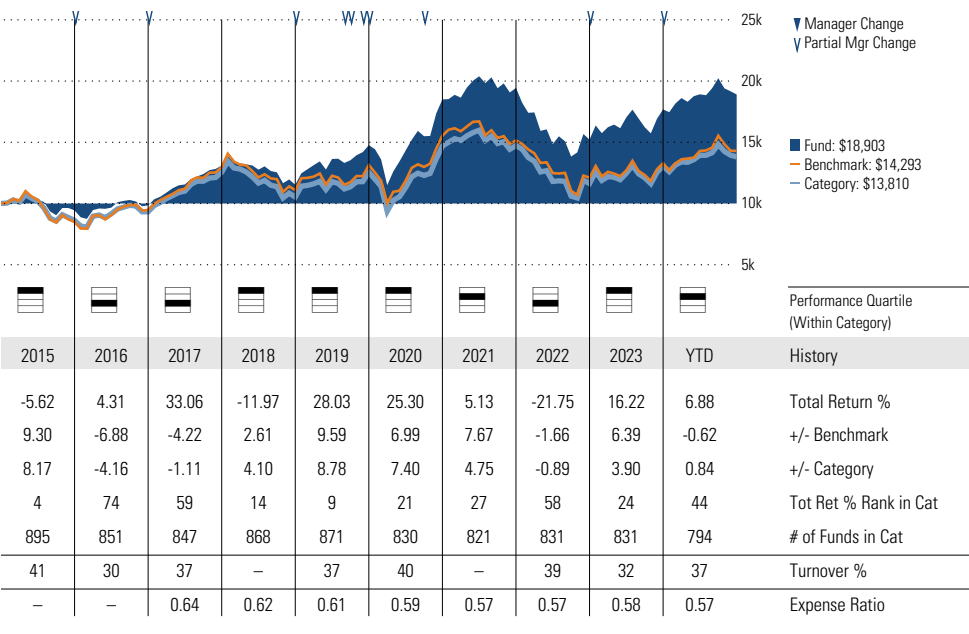
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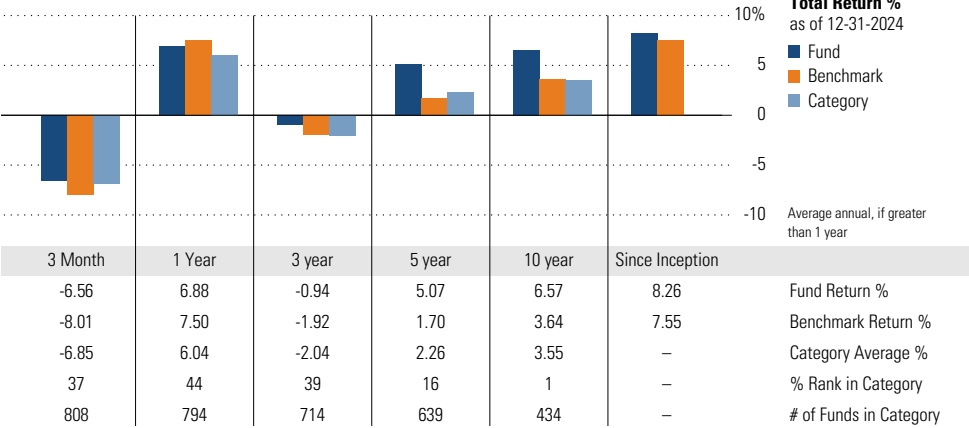
ESG Metrics

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

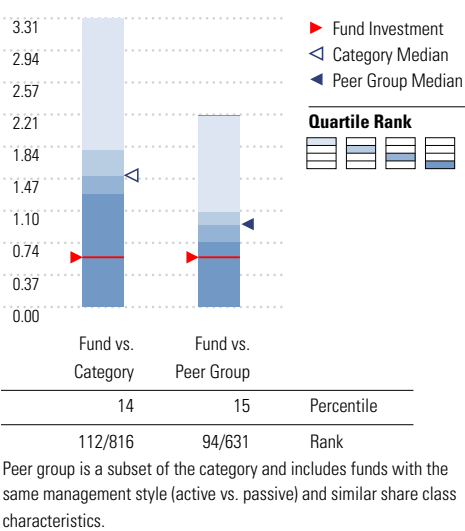
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

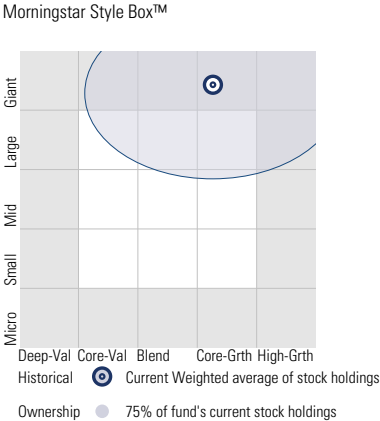
Portfolio Metrics

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

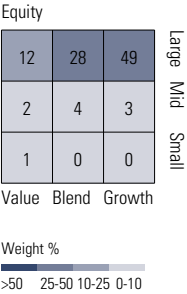
American Funds New World R6 RNWGX

Morningstar Category Diversified Emerging Mkts
Morningstar Index MSCI EM NR USD

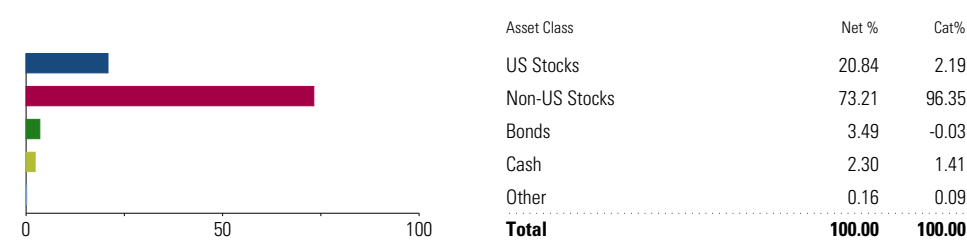
Style Analysis as of 12-31-2024



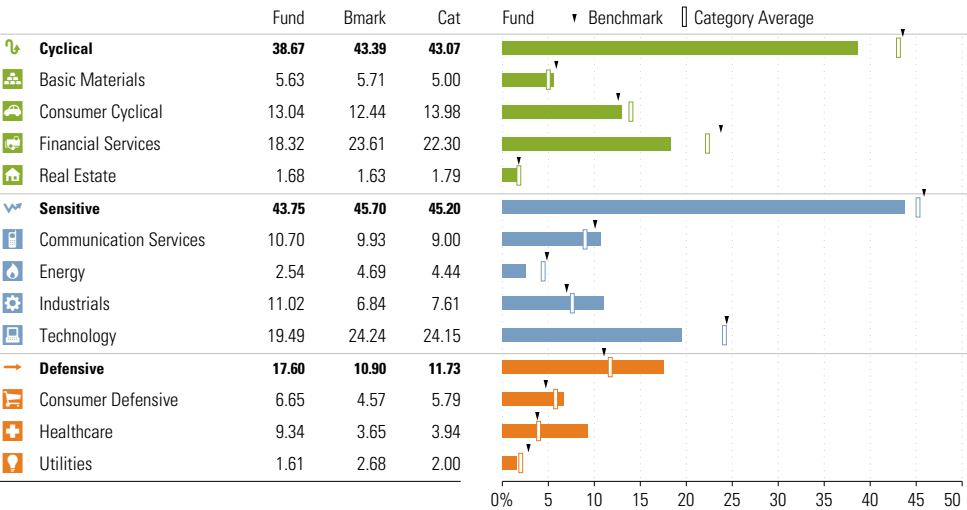
Style Breakdown



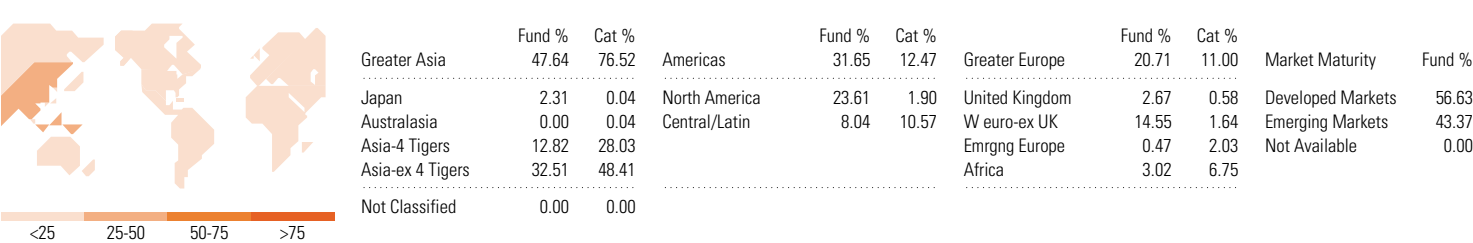
Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 593

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds Washington Mutual R6 RWMGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

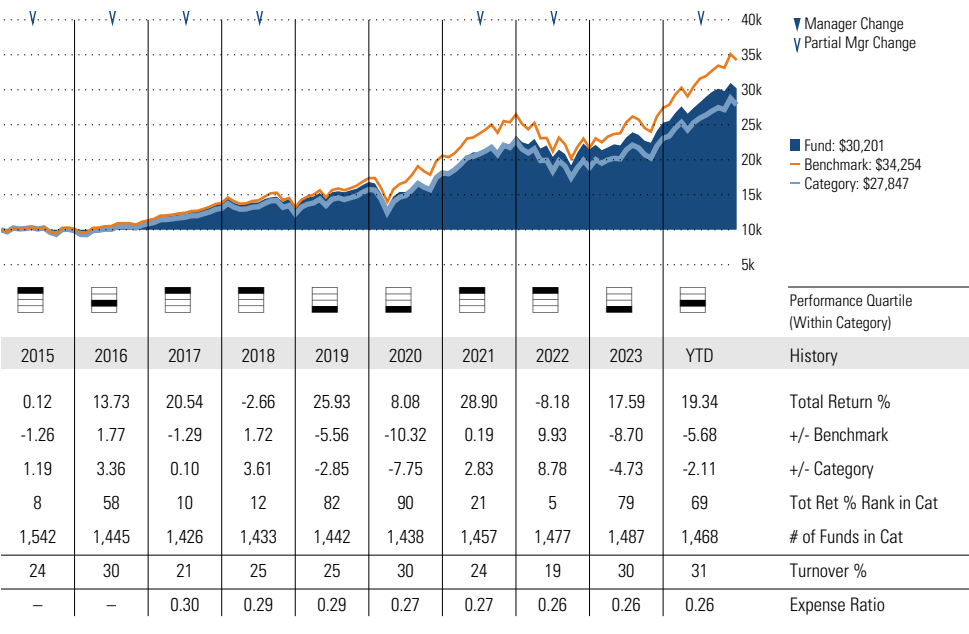
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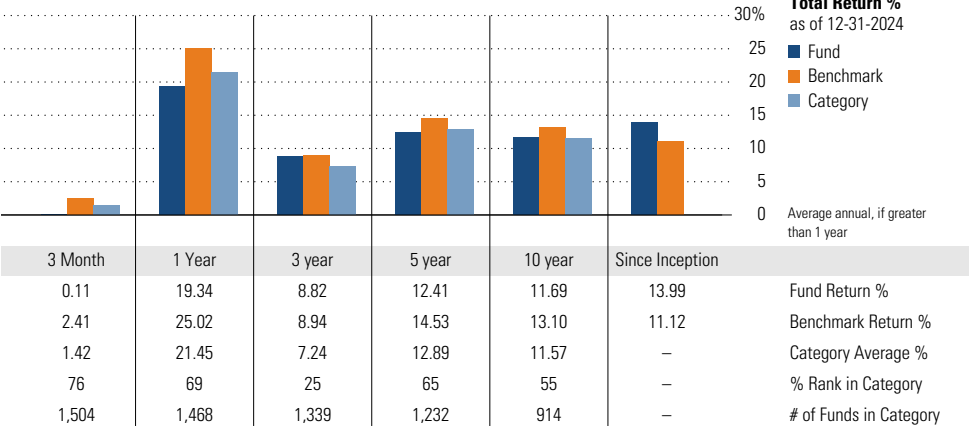
ESG Metrics

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

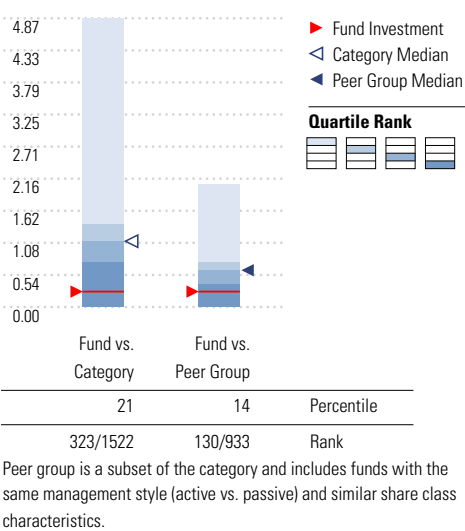
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

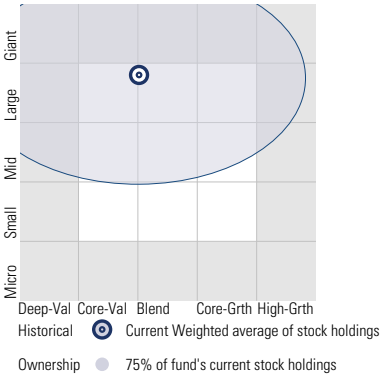
	Fund	Bmark	Cat
Price/Earnings Ratio	25.26	27.14	27.37
Price/Book Ratio	4.13	4.77	4.95
Geom Avg Mkt Cap \$B	218.08	362.17	383.78
ROE	27.58	33.88	32.35

American Funds Washington Mutual R6 RWMGX

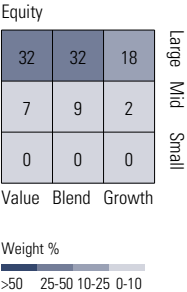
Morningstar Category Large Blend
Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2024

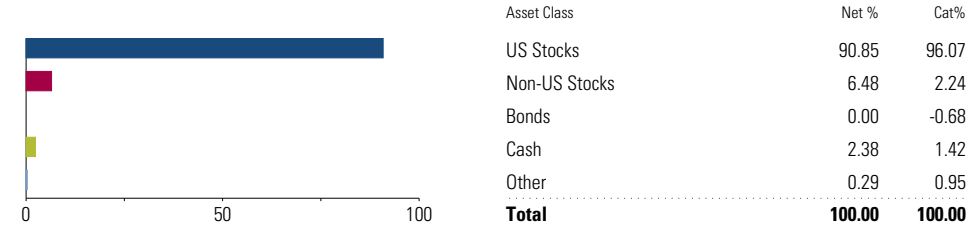
Morningstar Style Box™



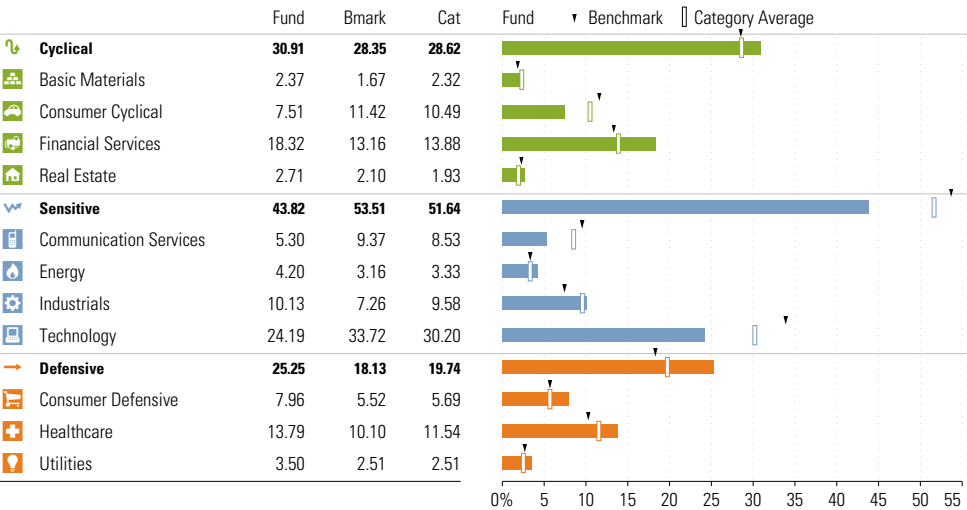
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 190

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

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

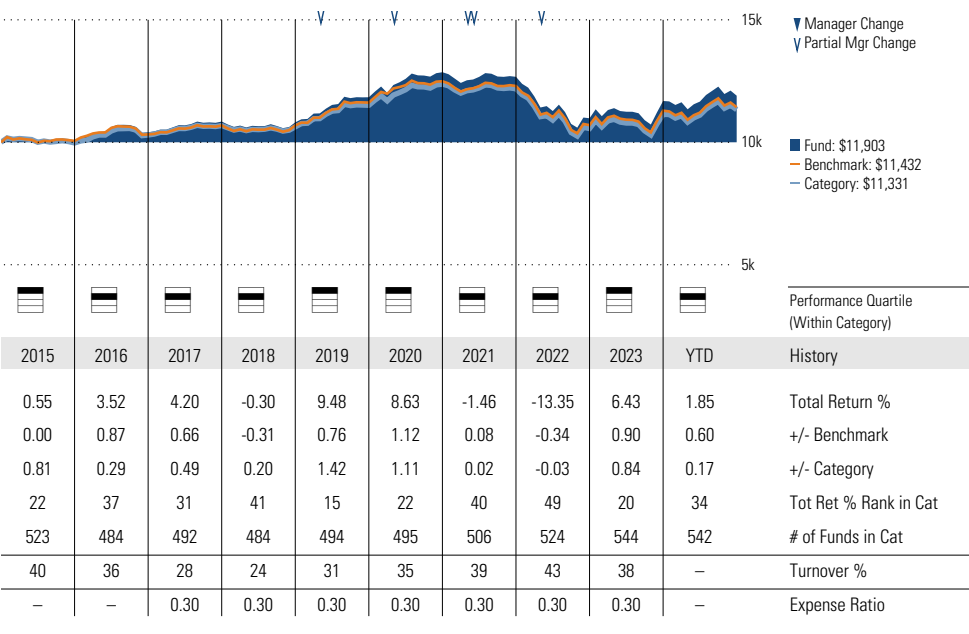
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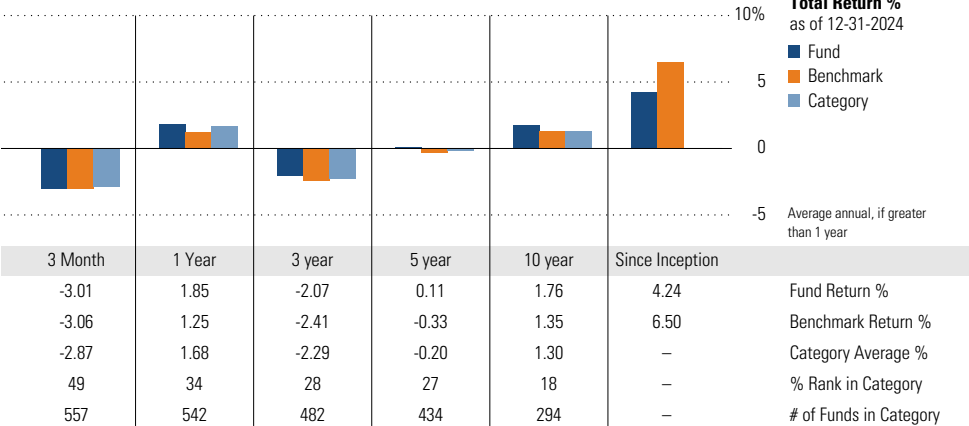
ESG Metrics

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

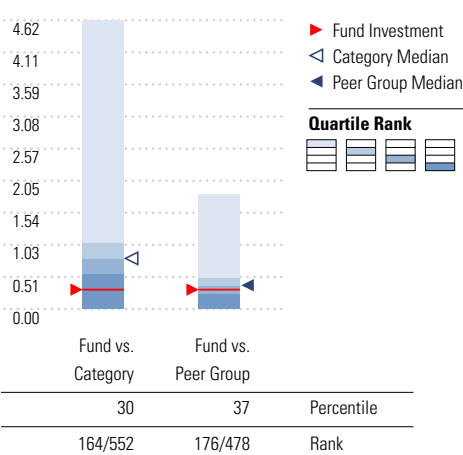
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

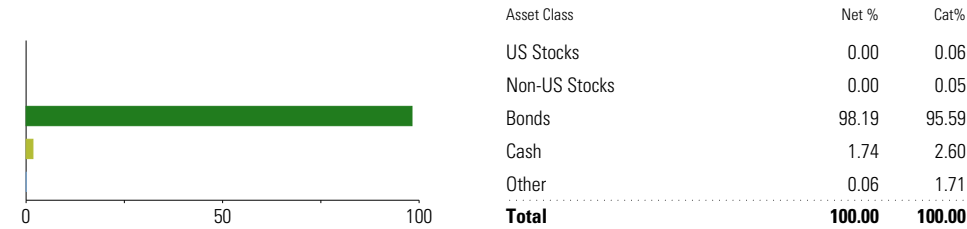
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

Style Breakdown

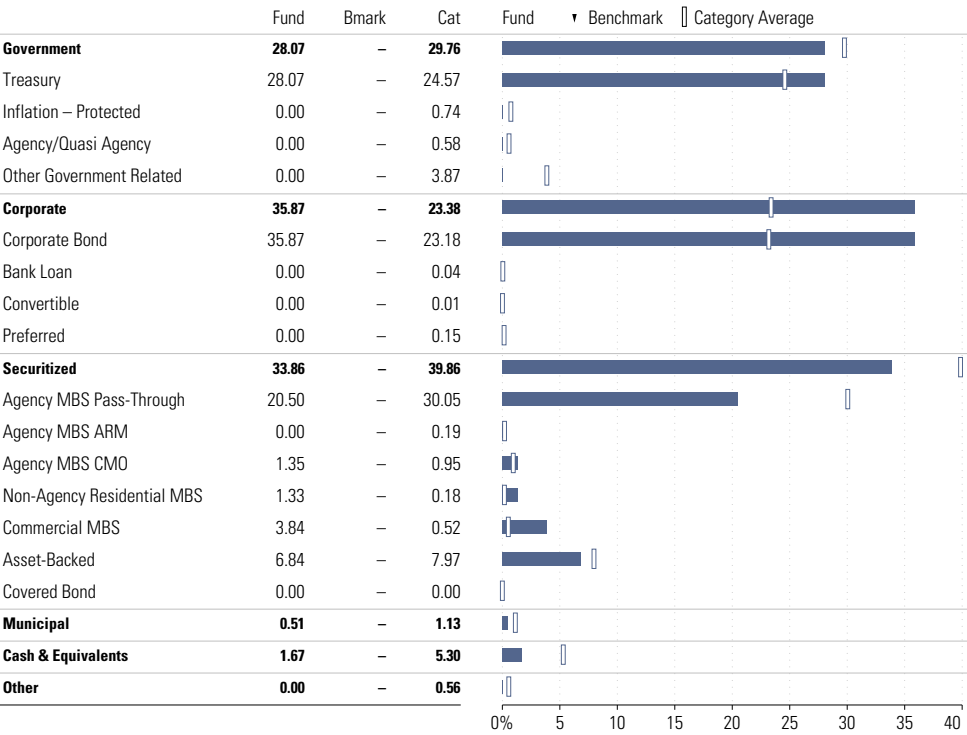


Asset Allocation as of 12-31-2024



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

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 1879

⊕ Increase ⊖ Decrease ✱ New to Portfolio



JPMorgan Large Cap Growth R6 JLGMX

Morningstar Category
Large Growth
Morningstar Index
Russell 1000 Growth TR USD

Portfolio Manager(s)

Giri Devulapally since 08-2004
Holly Morris since 11-2020
Joseph Wilson since 11-2020
Larry Lee since 11-2020
Robert Maloney since 11-2022

Quantitative Screens

- Performance:** The fund has finished in the Large Growth 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 20.43 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 0.44 is 52.17% lower than the Large Growth category average.

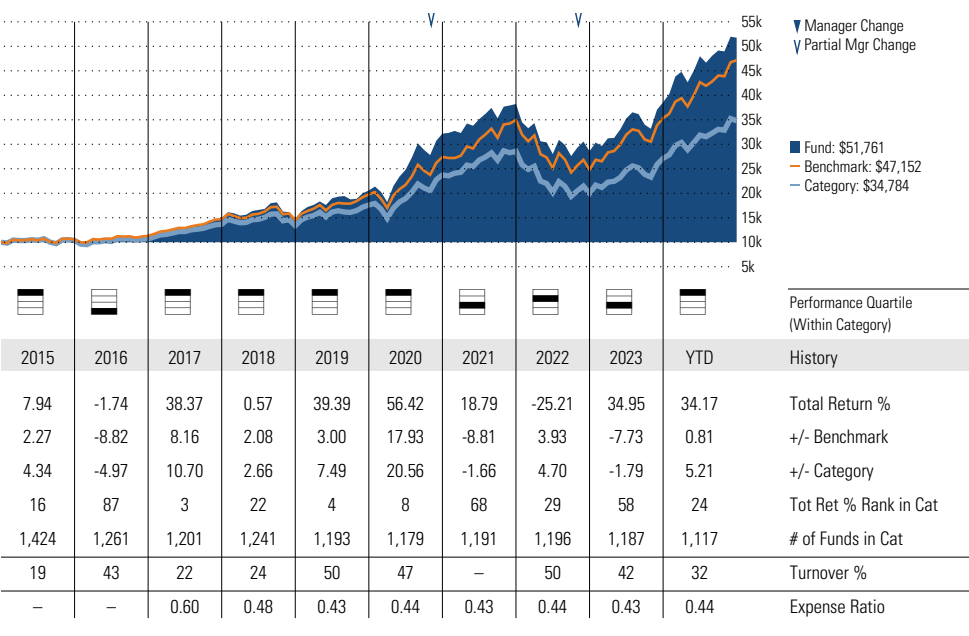
Morningstar Investment Management LLC Analysis

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.

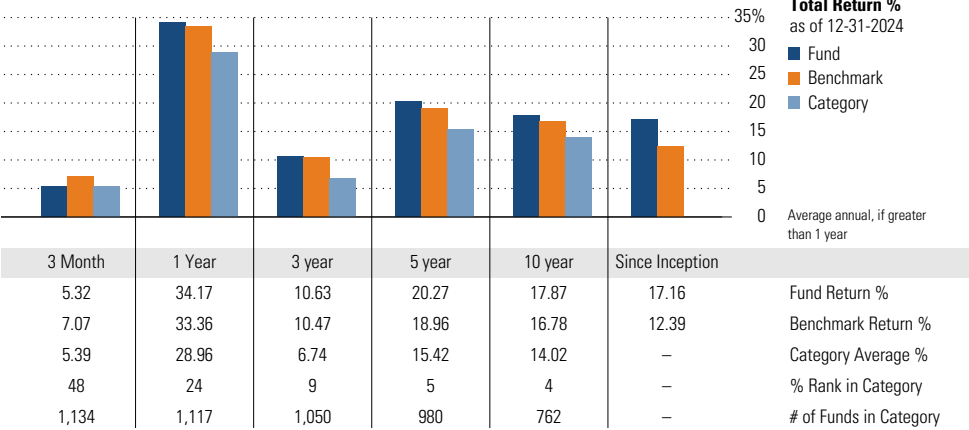
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	04-07-2022

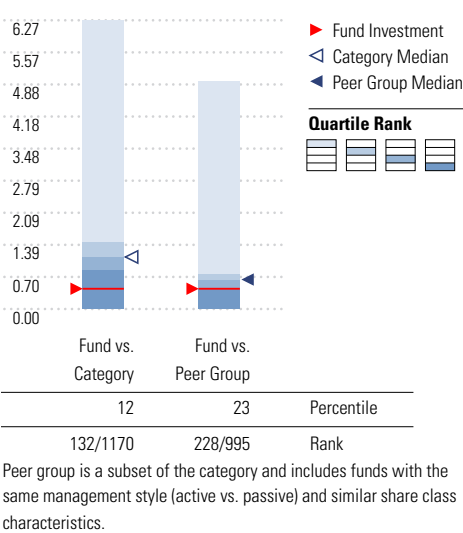
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.62	—	-3.44
Beta	0.95	—	1.01
R-Squared	96.67	—	93.27
Standard Deviation	19.88	20.62	21.65
Sharpe Ratio	0.40	0.39	0.22
Tracking Error	3.79	—	5.64
Information Ratio	0.04	—	-0.72
Up Capture Ratio	97.52	—	94.60
Down Capture Ratio	96.14	—	106.64

Portfolio Metrics

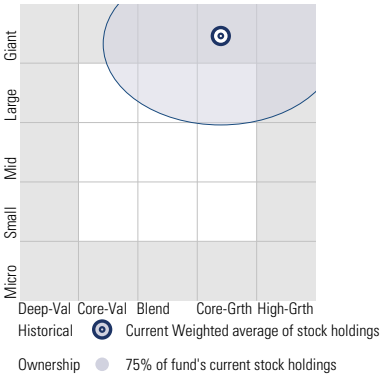
	Fund	Bmark	Cat
Price/Earnings Ratio	35.20	37.05	35.56
Price/Book Ratio	9.41	12.32	9.42
Geom Avg Mkt Cap \$B	631.55	747.44	586.06
ROE	38.85	43.76	40.58

JPMorgan Large Cap Growth R6 JLGMX

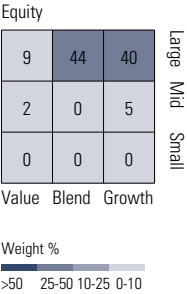
Morningstar Category Large Growth
Morningstar Index Russell 1000 Growth TR USD

Style Analysis as of 12-31-2024

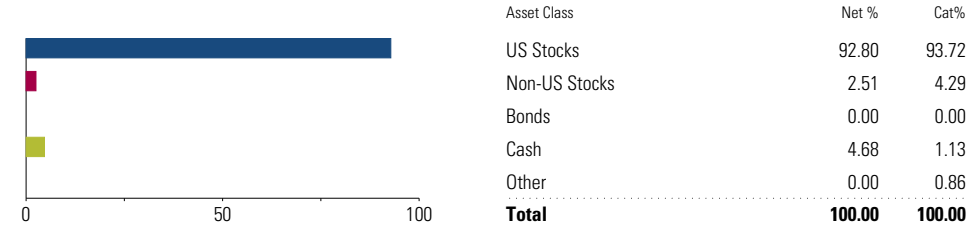
Morningstar Style Box™



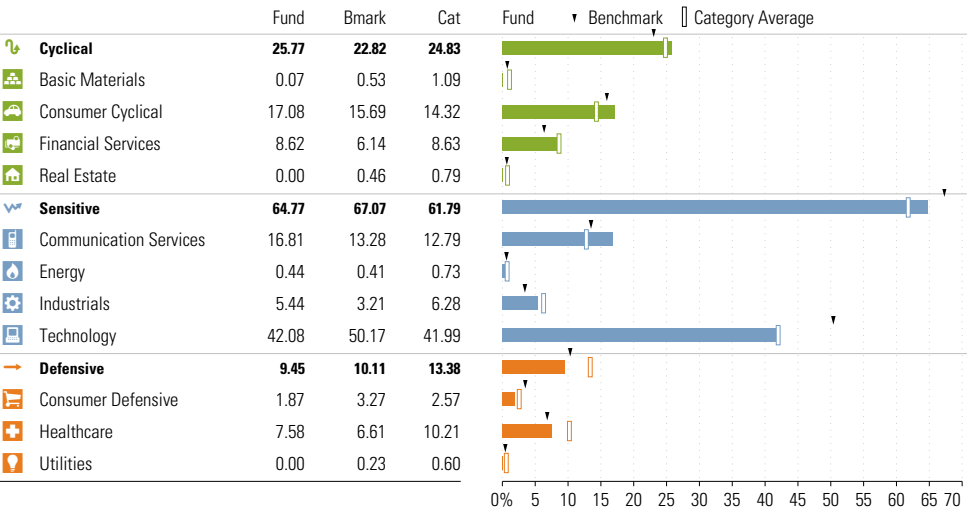
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
NVIDIA Corp	9.58	9.58	171.24	Technology
Microsoft Corp	8.39	17.98	12.91	Technology
Amazon.com Inc	6.70	24.67	44.39	Consumer Cyclical
Meta Platforms Inc Class A	5.75	30.42	—	Communication Svc
Apple Inc	5.36	35.78	30.58	Technology
⊕ Alphabet Inc Class C	4.91	40.69	35.56	Communication Svc
⊕ JPMorgan Prime Money Market Inst	4.67	45.36	—	—
⊕ Tesla Inc	3.67	49.03	—	Consumer Cyclical
Netflix Inc	3.23	52.25	83.07	Communication Svc
Broadcom Inc	2.84	55.10	—	Technology
Mastercard Inc Class A	2.84	57.94	24.08	Financial Services
⊖ Eli Lilly and Co	2.52	60.46	33.33	Healthcare
ServiceNow Inc	2.08	62.54	—	Technology
⊖ Intuitive Surgical Inc	1.85	64.39	54.72	Healthcare
⊖ Oracle Corp	1.85	66.25	59.58	Technology

Total Holdings 74

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2020 R6 JTTYX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008
Daniel Oldroyd since 11-2010
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- Performance: The fund has finished in the Target-Date 2020 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 16.51 years.
- Style: The fund has landed in its primary style box — Large Blend — 87.5 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.34 is 35.85% lower than the Target-Date 2020 category average.

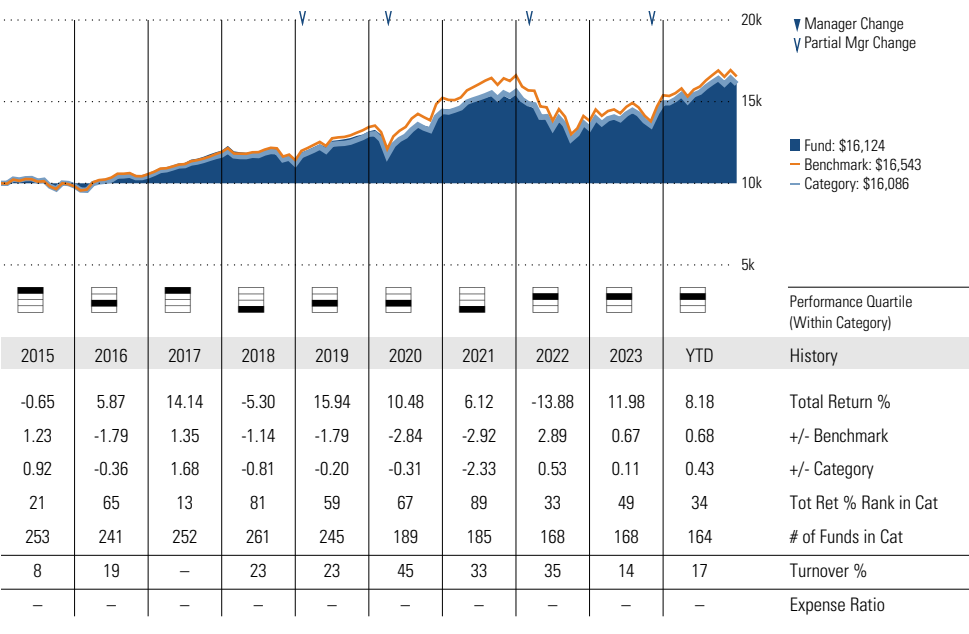
Morningstar Investment Management LLC Analysis

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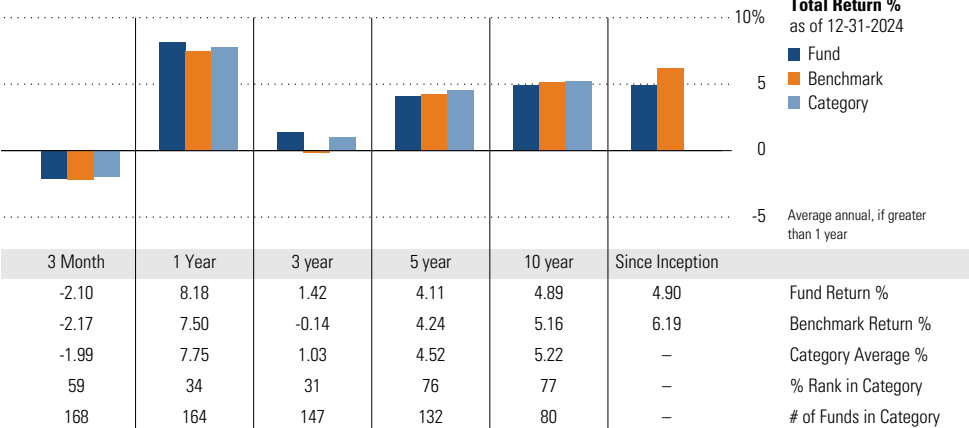
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

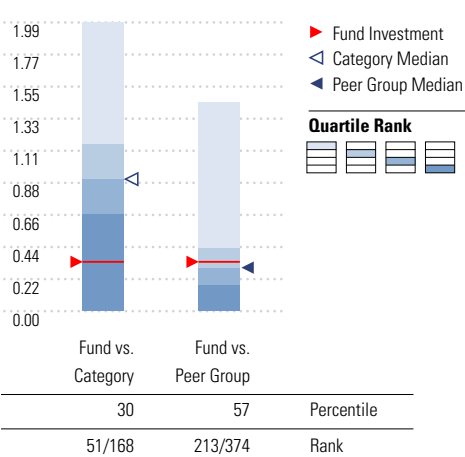
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.42	-	1.10
Beta	0.81	-	0.89
R-Squared	98.56	-	98.62
Standard Deviation	9.76	11.92	10.67
Sharpe Ratio	-0.24	-0.31	-0.25
Tracking Error	2.52	-	1.91
Information Ratio	0.62	-	0.63
Up Capture Ratio	87.88	-	92.93
Down Capture Ratio	79.38	-	86.43

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.20	21.41	21.56
Price/Book Ratio	3.01	2.77	2.87
Avg Eff Duration	5.57	-	4.83

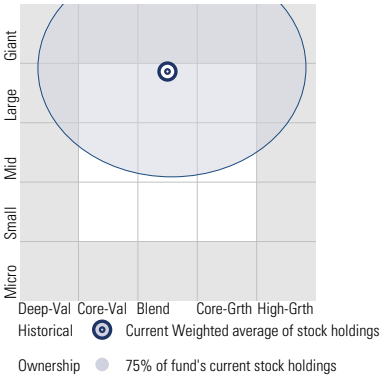
JPMorgan SmartRetirement® 2020 R6 JTTYX

Morningstar Category
Target-Date 2020

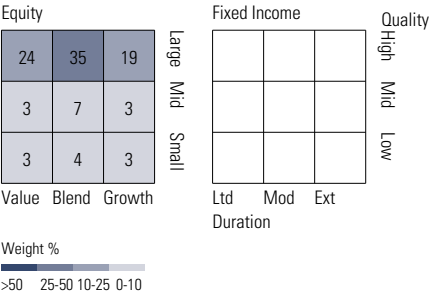
Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 12-31-2024

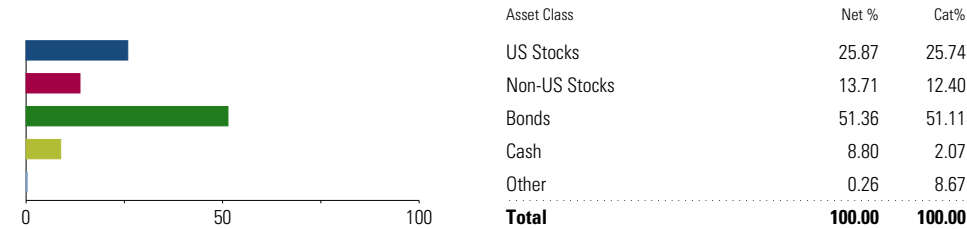
Morningstar Style Box™



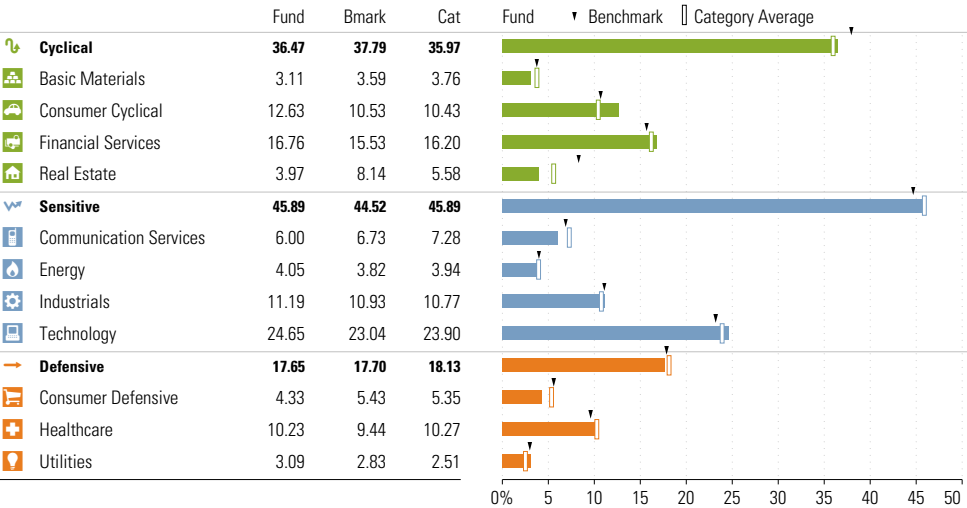
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	31.28	31.28	—	—
⊖ JPMorgan Core Plus Bond R6	—	10.42	41.71	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	9.18	50.88	—	—
⊕ JPMorgan US Equity R6	—	9.17	60.05	—	—
⊕ JPMorgan International Rsrch Enh Eq ETF	—	5.75	65.80	—	—
⊖ JPMorgan High Yield R6	—	5.30	71.10	—	—
⊖ JPMorgan Inflation Managed Bond ETF	—	5.01	76.11	—	—
⊖ Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	4.78	80.89	—	—
⊕ JPMorgan Global Select Equity ETF	—	4.00	84.89	—	—
⊕ JPMorgan International Equity R6	—	3.09	87.97	—	—

Total Holdings 22

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2025 R6 JNSYX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008
Daniel Oldroyd since 11-2010
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Target-Date 2025 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 16.51 years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 87.5 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.35 is 38.6% lower than the Target-Date 2025 category average.

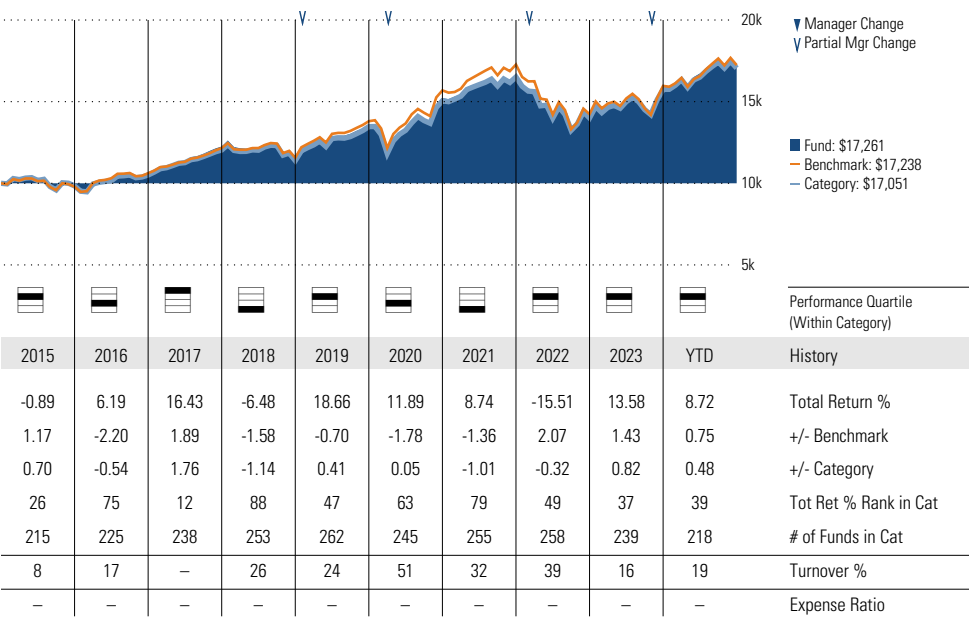
Morningstar Investment Management LLC Analysis

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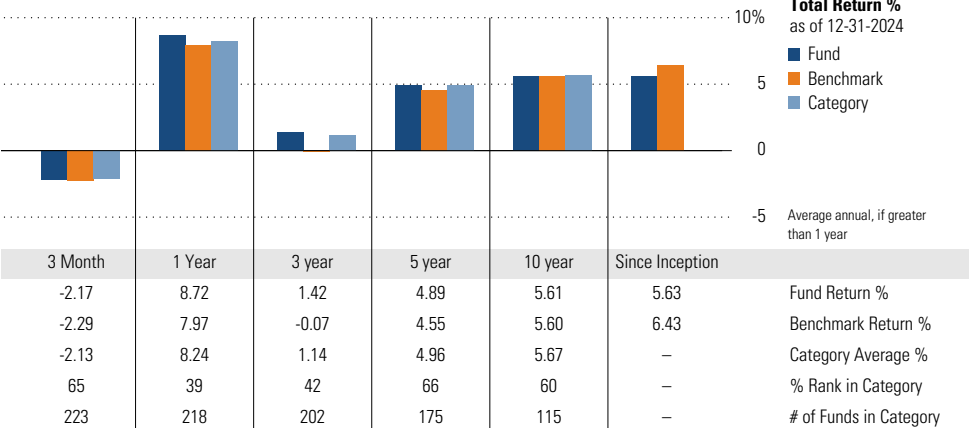
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

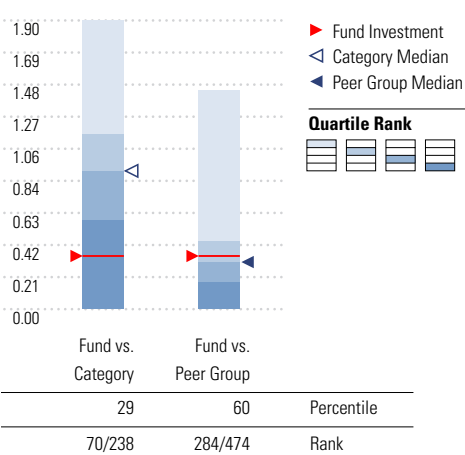
Growth of \$10,000



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	1.38	—	1.21
Beta	0.86	—	0.87
R-Squared	98.92	—	98.20
Standard Deviation	11.10	12.81	11.20
Sharpe Ratio	-0.20	-0.27	-0.21
Tracking Error	2.11	—	2.29
Information Ratio	0.70	—	0.63
Up Capture Ratio	90.15	—	90.35
Down Capture Ratio	82.57	—	83.70

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.20	21.21	21.70
Price/Book Ratio	3.01	2.74	2.89
Avg Eff Duration	5.61	—	4.84

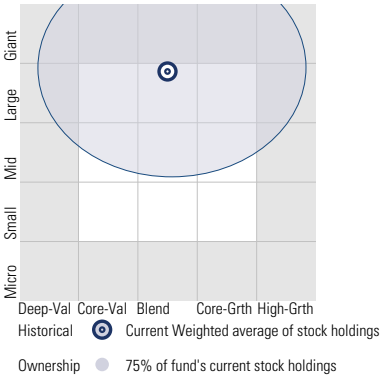
JPMorgan SmartRetirement® 2025 R6 JNSYX

Morningstar Category
Target-Date 2025

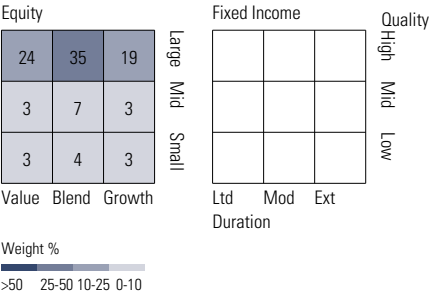
Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 12-31-2024

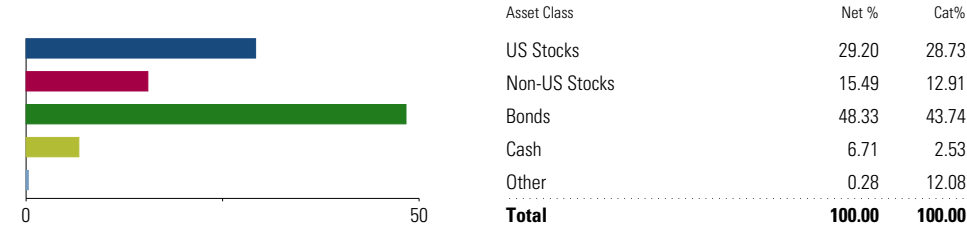
Morningstar Style Box™



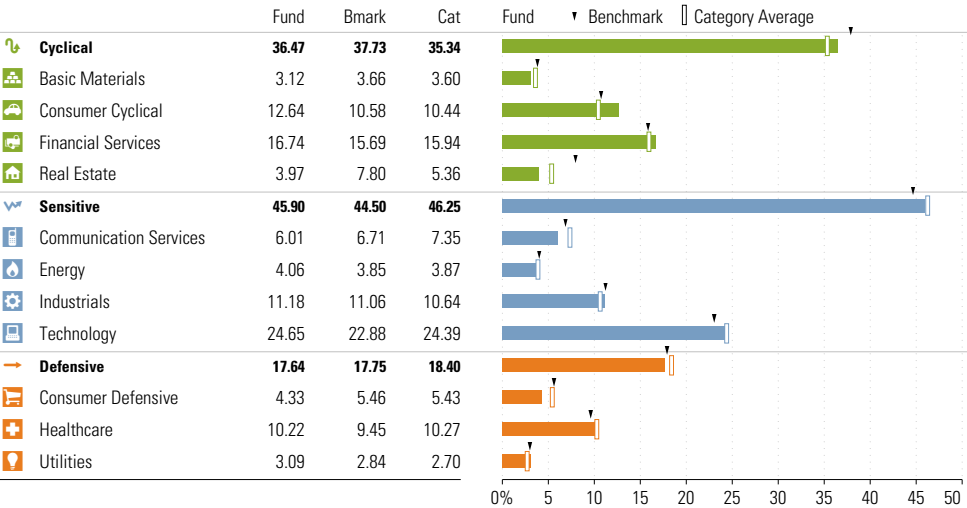
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	30.18	30.18	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	10.37	40.56	—	—
⊕ JPMorgan US Equity R6	—	10.37	50.92	—	—
⊖ JPMorgan Core Plus Bond R6	—	10.06	60.98	—	—
⊕ JPMorgan International Rsrch Enh Eq ETF	—	6.49	67.47	—	—
⊕ JPMorgan High Yield R6	—	4.83	72.31	—	—
⊕ JPMorgan Global Select Equity ETF	—	4.52	76.83	—	—
⊖ JPMorgan Inflation Managed Bond ETF	—	4.00	80.83	—	—
⊕ JPMorgan International Equity R6	—	3.49	84.32	—	—
⊖ JPMorgan BetaBuilders US Mid Cap Eq ETF	—	3.17	87.49	—	—

Total Holdings 22

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2030 R6 JSMYX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008
Daniel Oldroyd since 11-2010
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Target-Date 2030 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 16.51 years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 87.5 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.35 is 39.66% lower than the Target-Date 2030 category average.

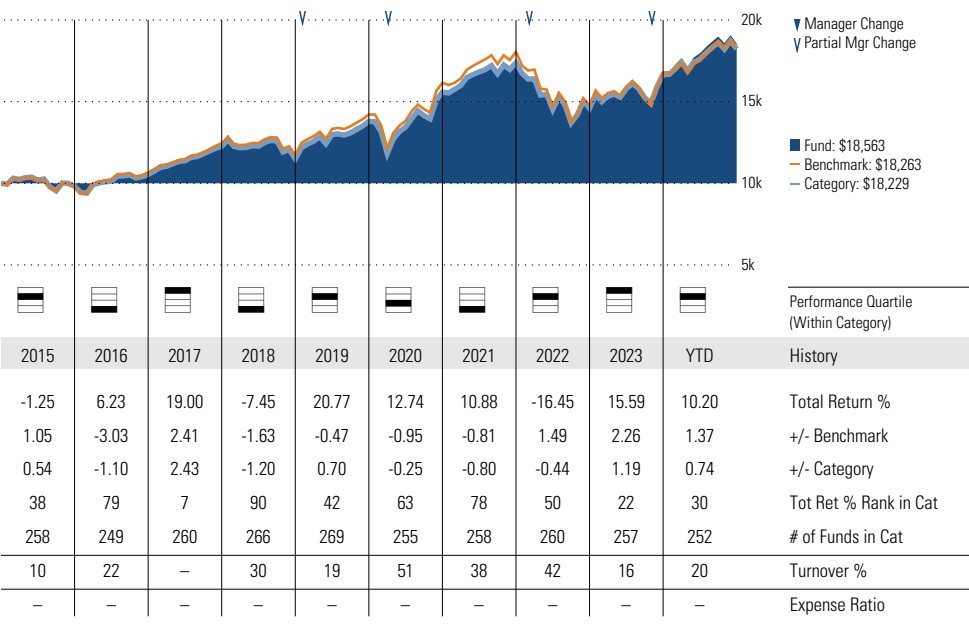
Morningstar Investment Management LLC Analysis

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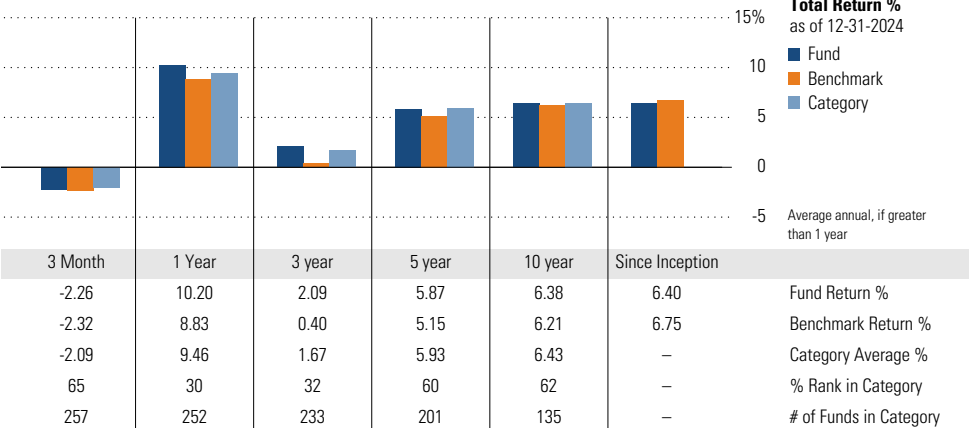
ESG Metrics

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

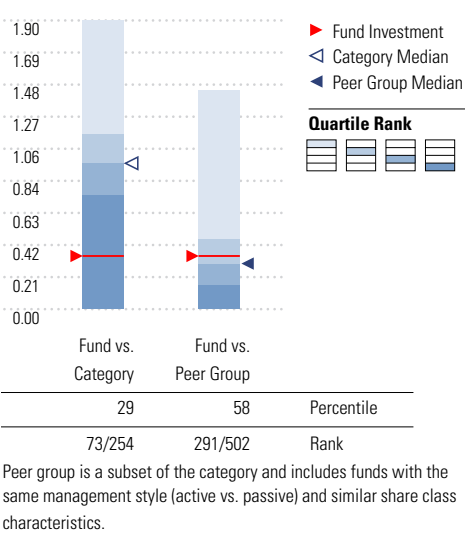
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.64	—	1.30
Beta	0.91	—	0.90
R-Squared	98.87	—	98.48
Standard Deviation	12.50	13.70	12.45
Sharpe Ratio	-0.11	-0.21	-0.14
Tracking Error	1.84	—	2.05
Information Ratio	0.92	—	0.71
Up Capture Ratio	95.31	—	93.95
Down Capture Ratio	86.98	—	87.36

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.48	21.01	21.75
Price/Book Ratio	3.05	2.70	2.98
Avg Eff Duration	5.70	—	5.41

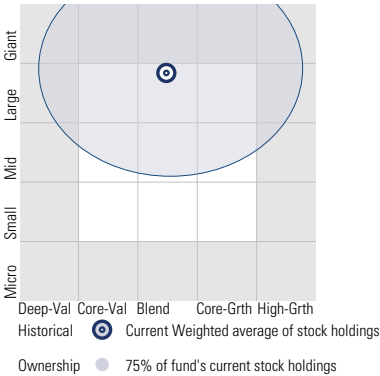
JPMorgan SmartRetirement® 2030 R6 JSMYX

Morningstar Category
Target-Date 2030

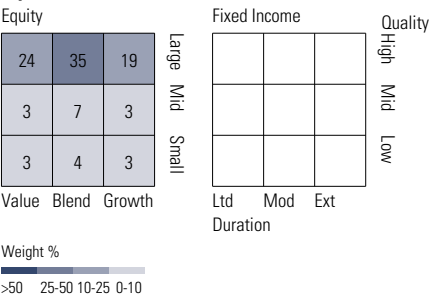
Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 12-31-2024

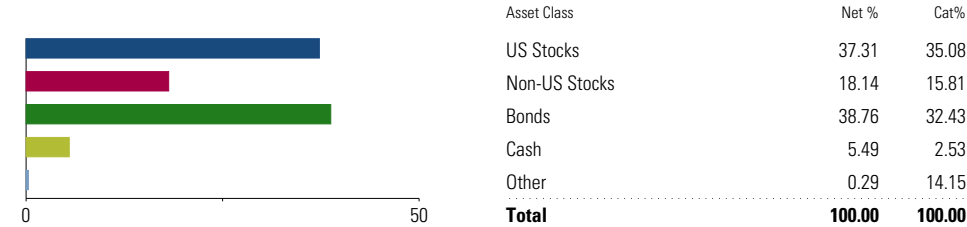
Morningstar Style Box™



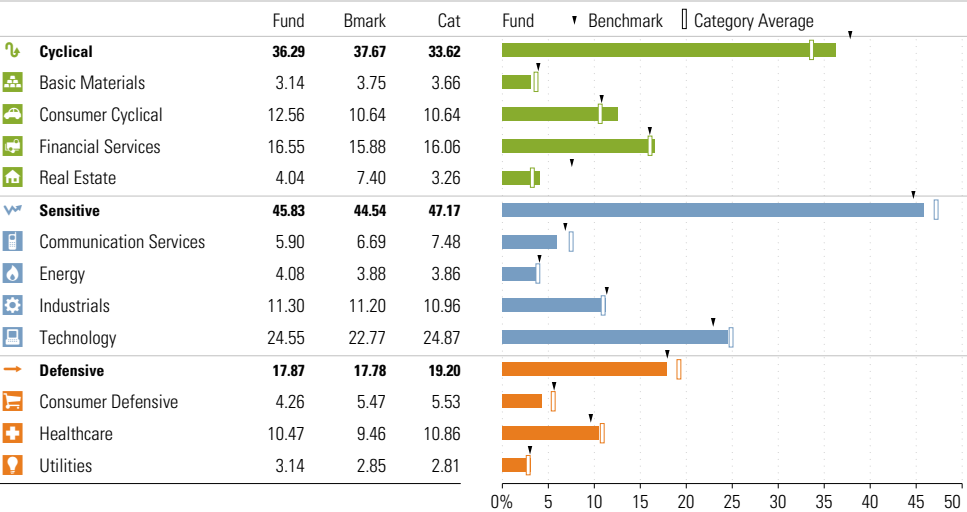
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	25.79	25.79	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	13.29	39.08	—	—
⊕ JPMorgan US Equity R6	—	13.29	52.37	—	—
⊖ JPMorgan Core Plus Bond R6	—	8.59	60.96	—	—
⊕ JPMorgan International Rsrch Enh Eq ETF	—	8.33	69.29	—	—
⊖ JPMorgan Global Select Equity ETF	—	5.80	75.09	—	—
⊕ JPMorgan International Equity R6	—	4.47	79.56	—	—
⊖ JPMorgan BetaBuilders US Mid Cap Eq ETF	—	4.06	83.62	—	—
⊖ JPMorgan High Yield R6	—	3.67	87.28	—	—
⊕ Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	1.96	89.24	—	—

Total Holdings 23

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2035 R6 SRJYX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008
Daniel Oldroyd since 11-2010
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- Performance: The fund has finished in the Target-Date 2035 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 16.51 years.
- Style: The fund has landed in its primary style box — Large Blend — 93.75 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.4 is 31.03% lower than the Target-Date 2035 category average.

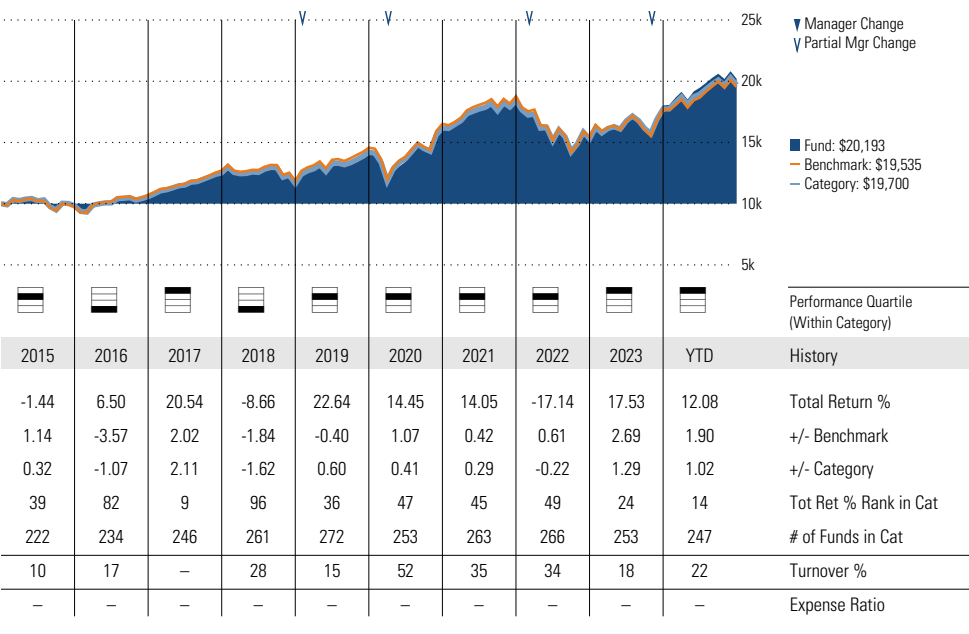
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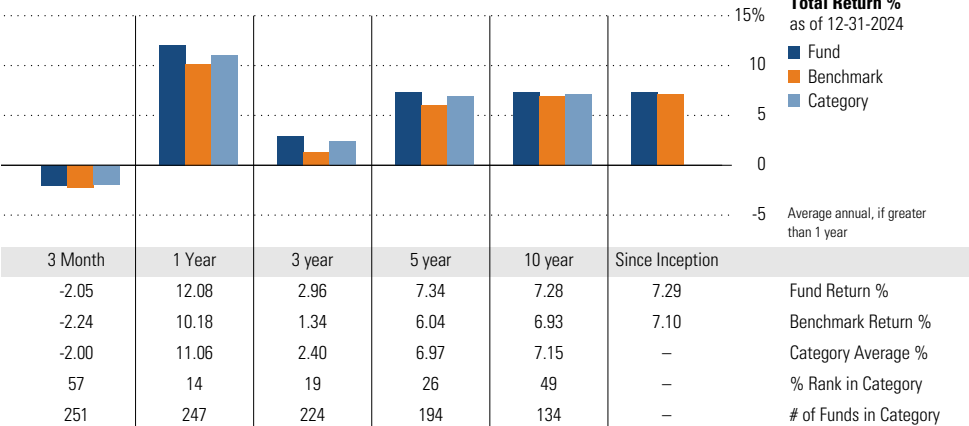
ESG Metrics

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

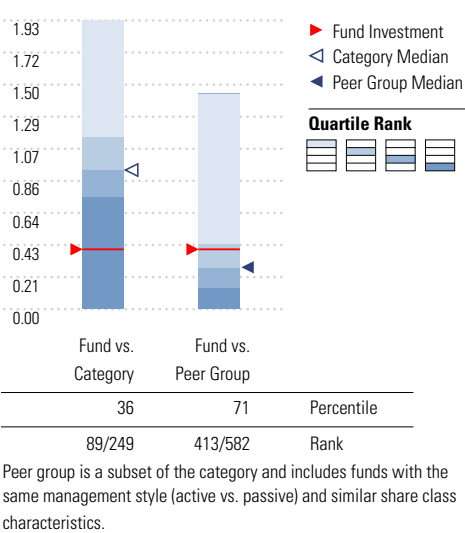
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.63	-	1.19
Beta	0.94	-	0.94
R-Squared	98.75	-	98.44
Standard Deviation	13.73	14.58	13.75
Sharpe Ratio	-0.03	-0.13	-0.06
Tracking Error	1.80	-	1.95
Information Ratio	0.90	-	0.61
Up Capture Ratio	97.82	-	96.74
Down Capture Ratio	90.13	-	91.15

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.17	20.81	21.64
Price/Book Ratio	2.95	2.67	2.95
Avg Eff Duration	5.81	-	6.30

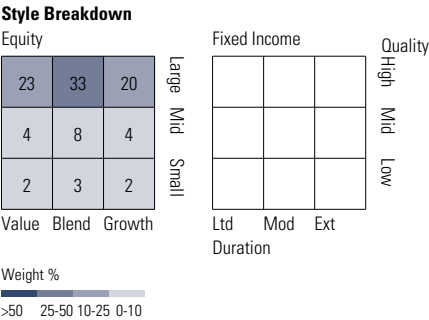
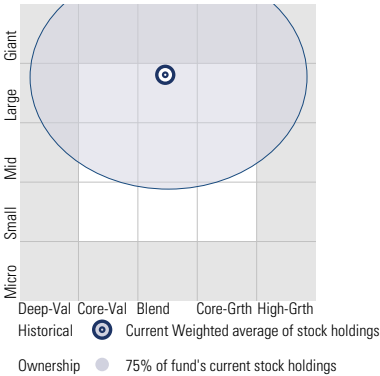
JPMorgan SmartRetirement® 2035 R6 SRJYX

Morningstar Category
Target-Date 2035

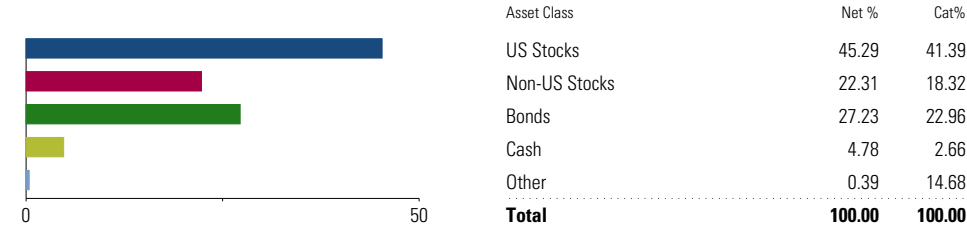
Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 12-31-2024

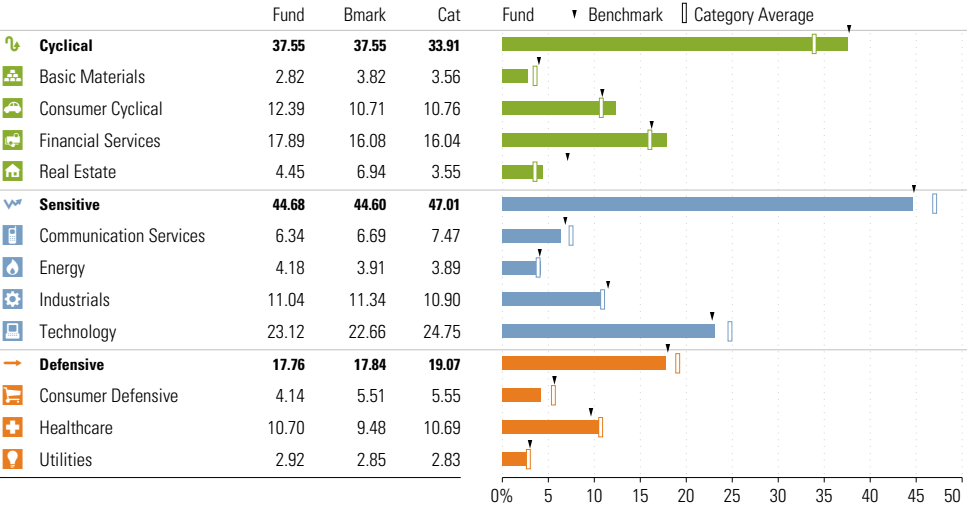
Morningstar Style Box™



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan Core Plus Bond R6	—	19.07	19.07	—	—
⊕ JPMorgan International Rsrch Enh Eq ETF	—	10.11	29.18	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	8.97	38.15	—	—
⊕ JPMorgan US Equity R6	—	8.97	47.12	—	—
⊕ JPMorgan Value Advantage R6	—	8.63	55.75	—	—
⊕ JPMorgan Growth Advantage R6	—	8.53	64.28	—	—
⊕ JPMorgan Global Select Equity ETF	—	7.03	71.31	—	—
⊕ JPMorgan Core Bond R6	—	6.36	77.67	—	—
⊕ JPMorgan International Equity R6	—	5.43	83.10	—	—
⊖ JPMorgan BetaBuilders US Mid Cap Eq ETF	—	3.03	86.14	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2040 R6 SMTYX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008
Daniel Oldroyd since 11-2010
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- Performance: The fund has finished in the Target-Date 2040 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 16.51 years.
- Style: The fund has landed in its primary style box — Large Blend — 93.75 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.4 is 32.2% lower than the Target-Date 2040 category average.

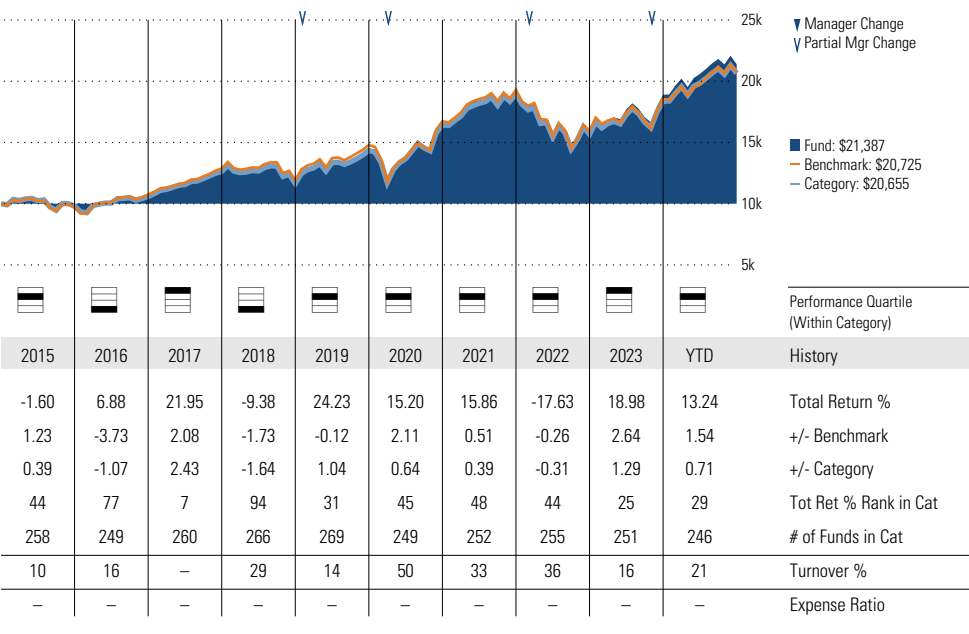
Morningstar Investment Management LLC Analysis

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

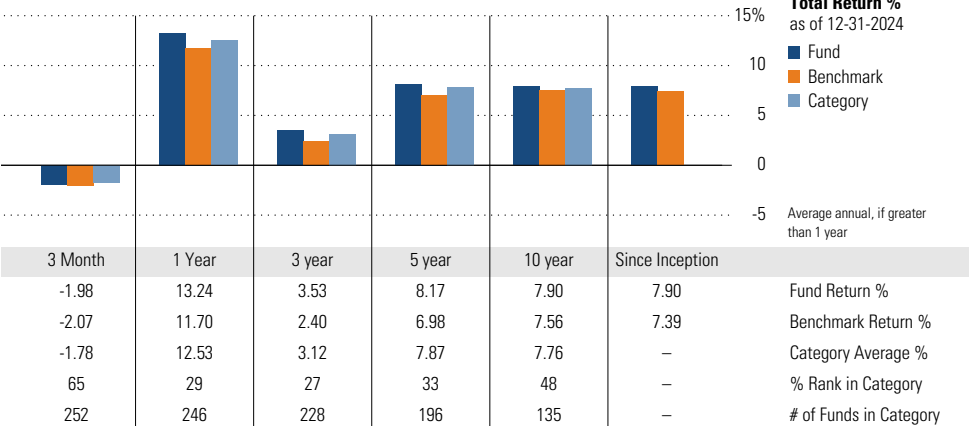
ESG Metrics

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

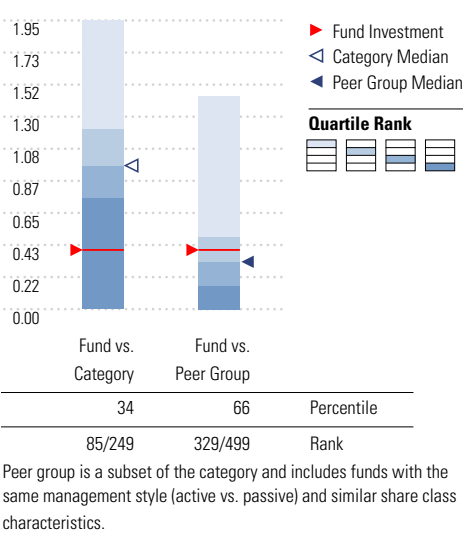
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.18	—	0.85
Beta	0.95	—	0.96
R-Squared	98.63	—	98.39
Standard Deviation	14.69	15.35	14.78
Sharpe Ratio	0.02	-0.04	0.00
Tracking Error	1.88	—	2.05
Information Ratio	0.60	—	0.40
Up Capture Ratio	97.84	—	97.62
Down Capture Ratio	92.61	—	93.86

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.14	20.61	21.47
Price/Book Ratio	2.95	2.64	2.91
Avg Eff Duration	5.81	—	7.01

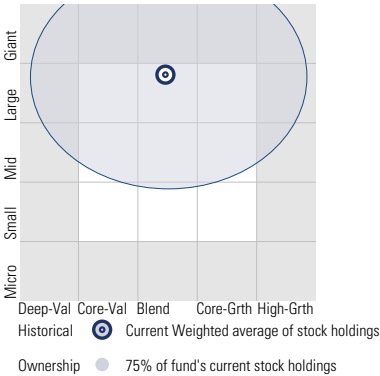
JPMorgan SmartRetirement® 2040 R6 SMTYX

Morningstar Category
Target-Date 2040

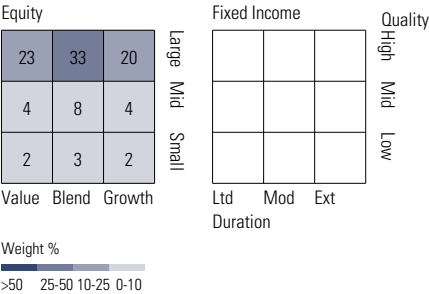
Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 12-31-2024

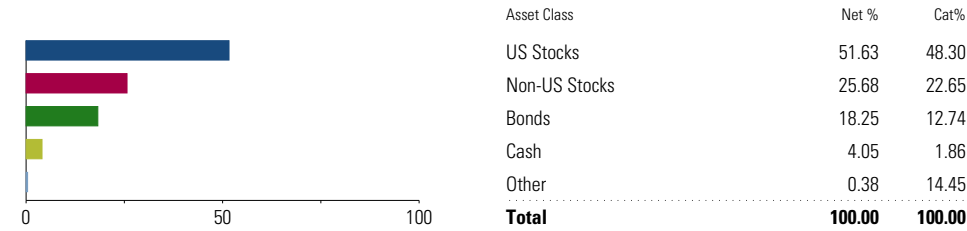
Morningstar Style Box™



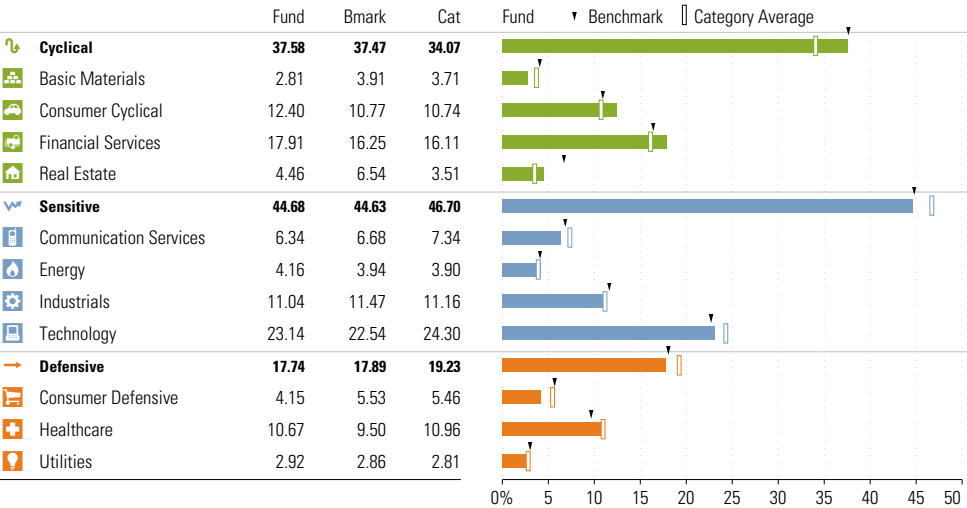
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Plus Bond R6	—	12.76	12.76	—	—
⊕ JPMorgan International Rsrch Enh Eq ETF	—	11.53	24.28	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	10.23	34.51	—	—
⊕ JPMorgan US Equity R6	—	10.22	44.73	—	—
⊕ JPMorgan Value Advantage R6	—	9.84	54.57	—	—
⊕ JPMorgan Growth Advantage R6	—	9.73	64.30	—	—
⊕ JPMorgan Global Select Equity ETF	—	8.01	72.31	—	—
⊕ JPMorgan International Equity R6	—	6.19	78.50	—	—
⊖ JPMorgan Core Bond R6	—	4.26	82.76	—	—
⊖ JPMorgan BetaBuilders US Mid Cap Eq ETF	—	3.47	86.23	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2045 R6 JSAYX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008
Daniel Oldroyd since 11-2010
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- Performance: The fund has finished in the Target-Date 2045 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 16.51 years.
- Style: The fund has landed in its primary style box — Large Blend — 93.75 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.4 is 32.2% lower than the Target-Date 2045 category average.

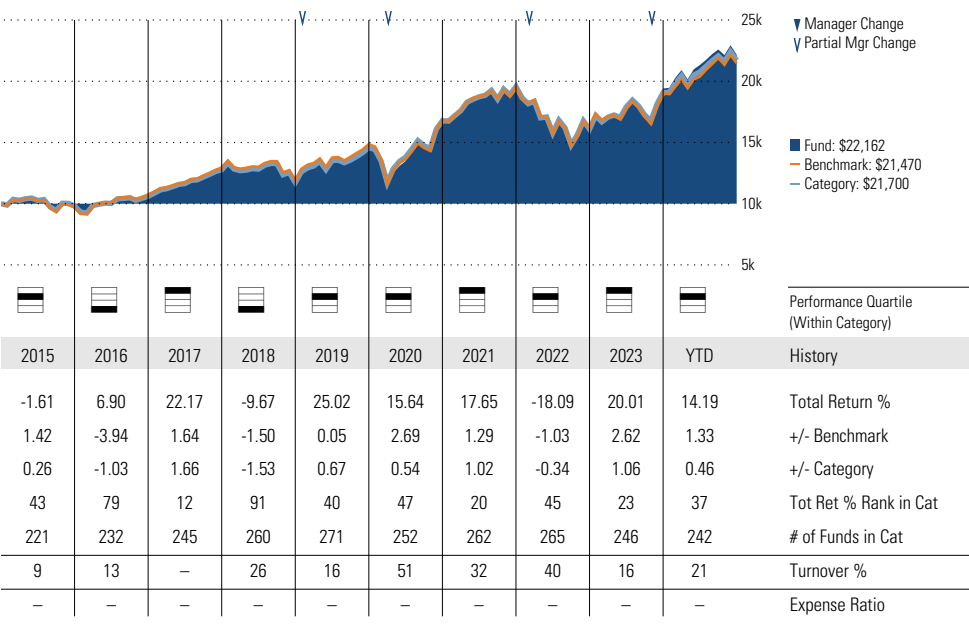
Morningstar Investment Management LLC Analysis

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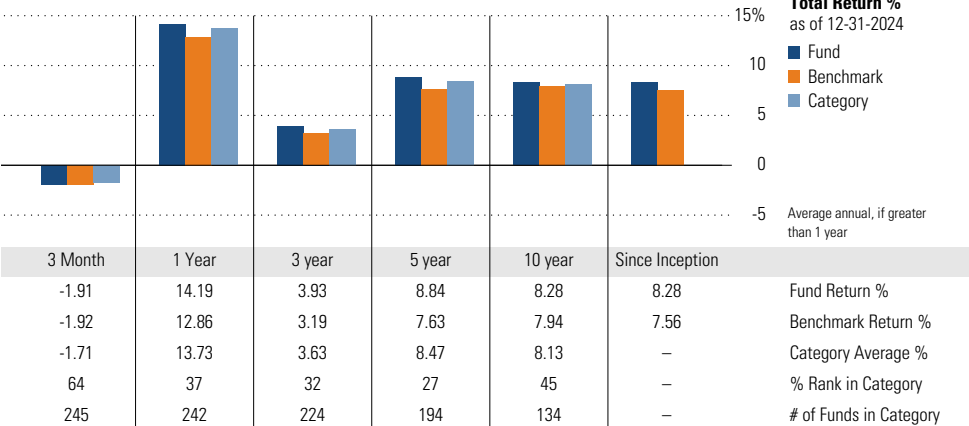
ESG Metrics

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

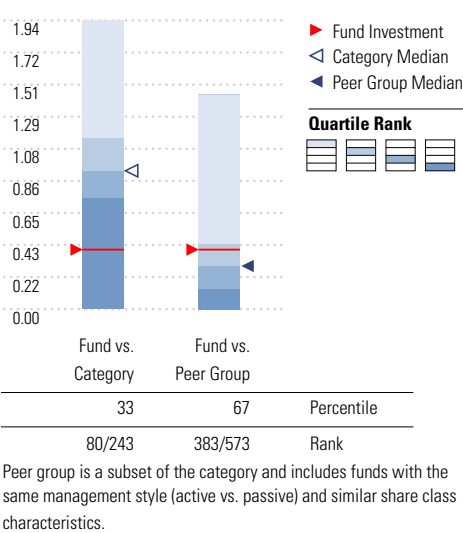
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.80	—	0.55
Beta	0.96	—	0.97
R-Squared	98.52	—	98.35
Standard Deviation	15.43	15.91	15.53
Sharpe Ratio	0.05	0.01	0.04
Tracking Error	1.97	—	2.07
Information Ratio	0.37	—	0.22
Up Capture Ratio	98.16	—	98.24
Down Capture Ratio	94.75	—	95.97

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.13	20.43	21.25
Price/Book Ratio	2.95	2.60	2.85
Avg Eff Duration	5.82	—	7.71

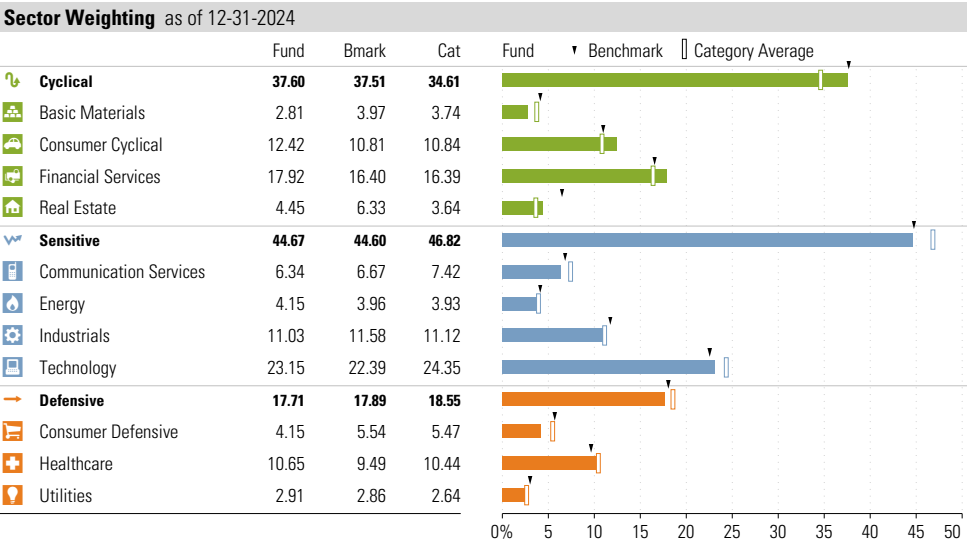
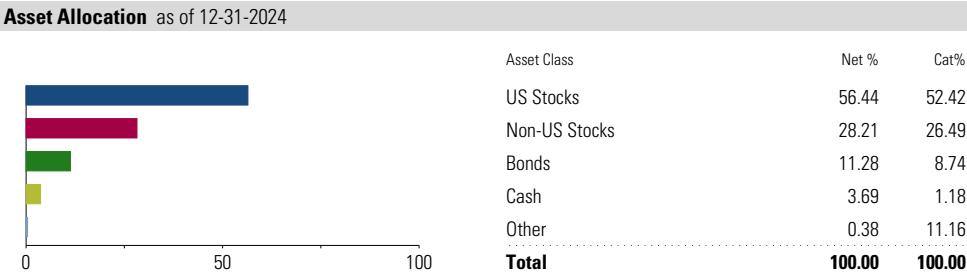
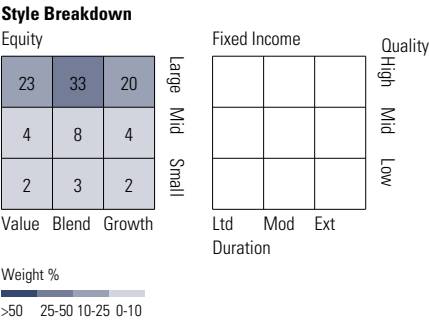
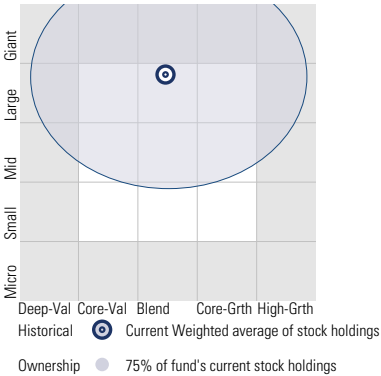
JPMorgan SmartRetirement® 2045 R6 JSAYX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR
USD

Style Analysis as of 12-31-2024

Morningstar Style Box™



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan International Rsrch Enh Eq ETF	—	12.60	12.60	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	11.19	23.79	—	—
⊕ JPMorgan US Equity R6	—	11.18	34.97	—	—
⊕ JPMorgan Value Advantage R6	—	10.76	45.73	—	—
⊕ JPMorgan Growth Advantage R6	—	10.64	56.38	—	—
⊕ JPMorgan Global Select Equity ETF	—	8.76	65.14	—	—
⊕ JPMorgan Core Plus Bond R6	—	7.85	72.99	—	—
⊕ JPMorgan International Equity R6	—	6.77	79.76	—	—
⊖ JPMorgan BetaBuilders US Mid Cap Eq ETF	—	3.79	83.55	—	—
⊕ JPMorgan ActiveBuilders EM Eq ETF	—	3.05	86.60	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2050 R6 JTSYX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008
Daniel Oldroyd since 11-2010
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- Performance: The fund has finished in the Target-Date 2050 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 16.51 years.
- Style: The fund has landed in its primary style box — Large Blend — 93.75 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.41 is 31.67% lower than the Target-Date 2050 category average.

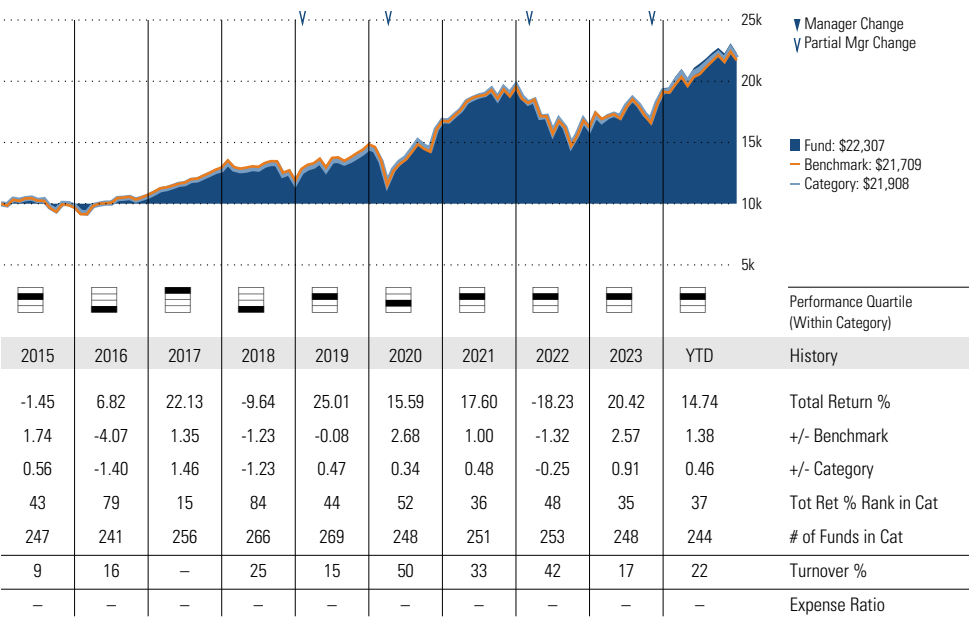
Morningstar Investment Management LLC Analysis

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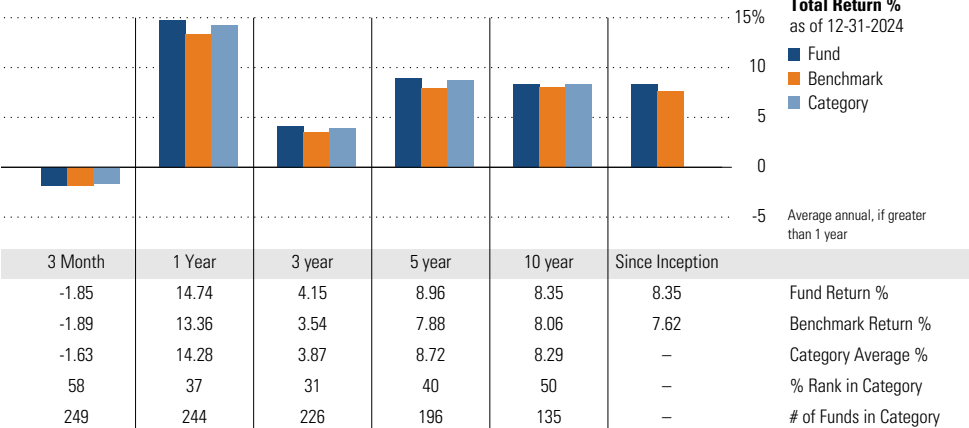
ESG Metrics

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

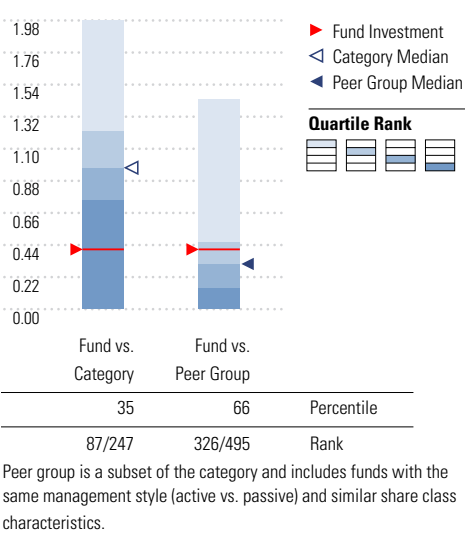
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.70	—	0.43
Beta	0.96	—	0.98
R-Squared	98.34	—	98.27
Standard Deviation	15.66	16.16	15.94
Sharpe Ratio	0.07	0.04	0.06
Tracking Error	2.12	—	2.12
Information Ratio	0.29	—	0.16
Up Capture Ratio	97.74	—	98.98
Down Capture Ratio	94.83	—	97.27

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.12	20.27	21.24
Price/Book Ratio	2.95	2.57	2.86
Avg Eff Duration	5.82	—	8.76

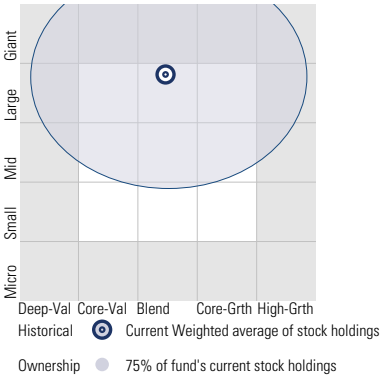
JPMorgan SmartRetirement® 2050 R6 JTSYX

Morningstar Category
Target-Date 2050

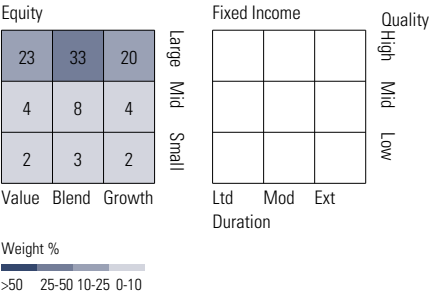
Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 12-31-2024

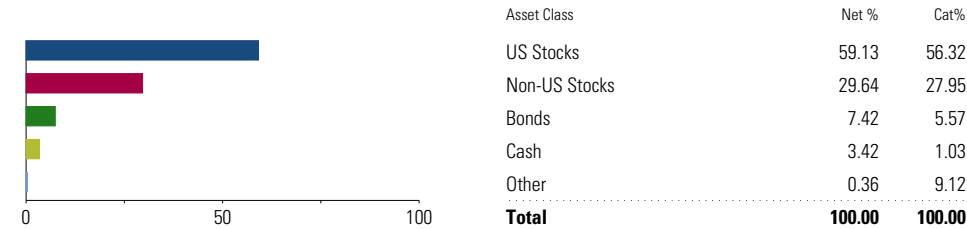
Morningstar Style Box™



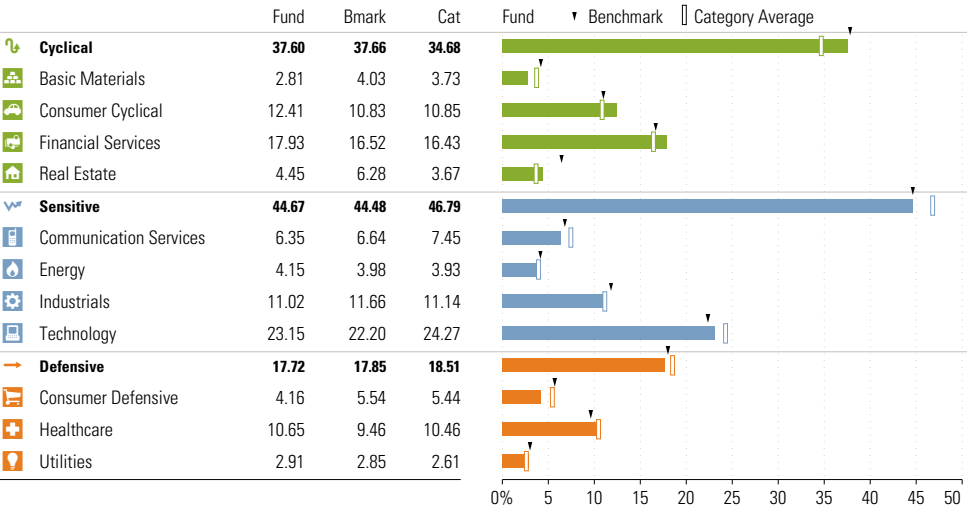
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan International Rsrch Enh Eq ETF	—	13.20	13.20	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	11.72	24.92	—	—
⊕ JPMorgan US Equity R6	—	11.72	36.64	—	—
⊕ JPMorgan Value Advantage R6	—	11.28	47.92	—	—
⊕ JPMorgan Growth Advantage R6	—	11.15	59.07	—	—
⊕ JPMorgan Global Select Equity ETF	—	9.18	68.26	—	—
⊕ JPMorgan International Equity R6	—	7.09	75.34	—	—
⊖ JPMorgan Core Plus Bond R6	—	5.13	80.48	—	—
⊖ JPMorgan BetaBuilders US Mid Cap Eq ETF	—	3.98	84.45	—	—
⊕ JPMorgan ActiveBuilders EM Eq ETF	—	3.24	87.69	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2055 R6 JFFYX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Daniel Oldroyd since 01-2012
Jeffrey Geller since 01-2012
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- Performance:** The fund has finished in the Target-Date 2055 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 12.93 years.
- Style:** The fund has landed in its primary style box — Large Blend — 93.75 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.41 is 31.67% lower than the Target-Date 2055 category average.

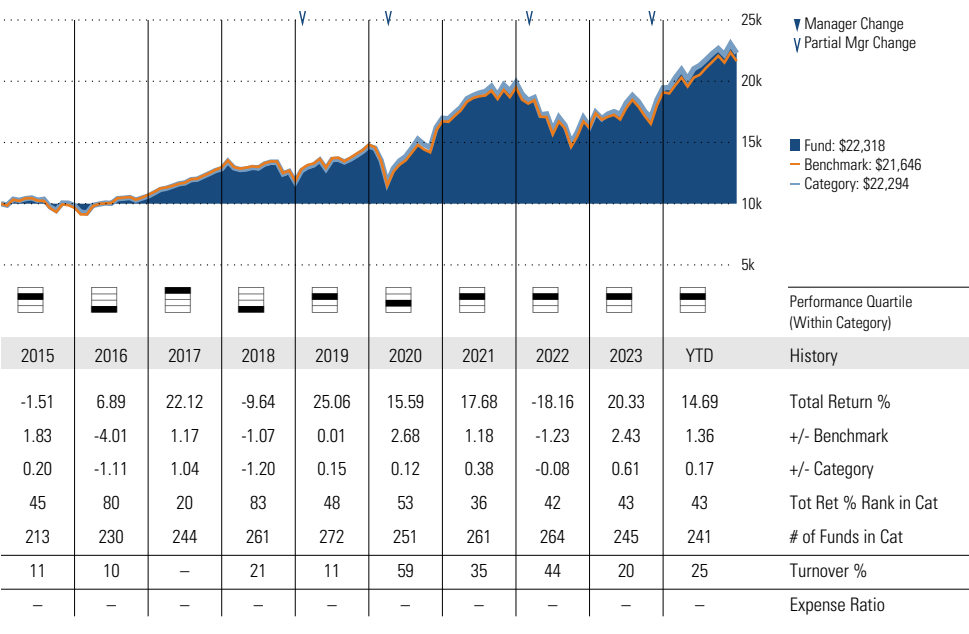
Morningstar Investment Management LLC Analysis

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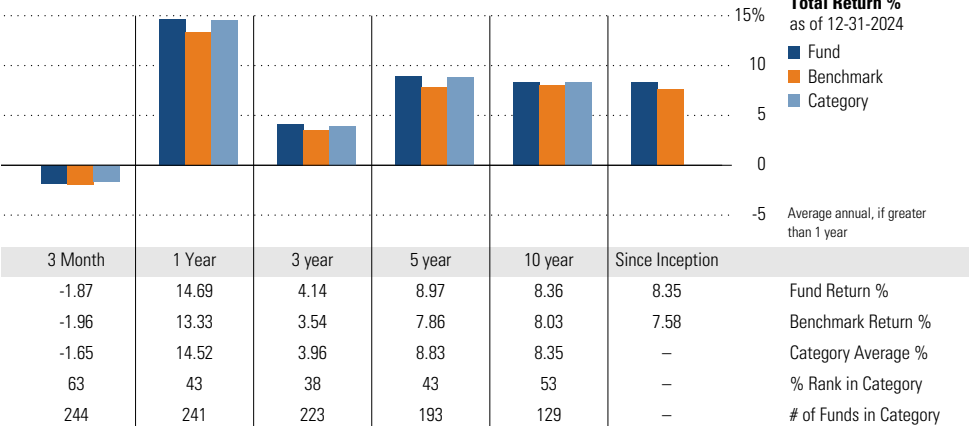
ESG Metrics

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

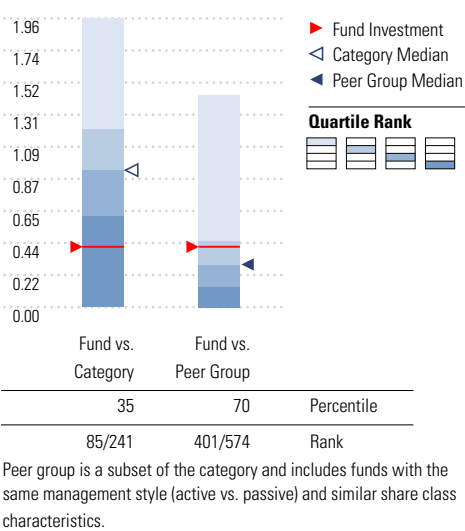
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.70	—	0.55
Beta	0.95	—	0.98
R-Squared	98.33	—	98.24
Standard Deviation	15.63	16.24	16.09
Sharpe Ratio	0.07	0.04	0.07
Tracking Error	2.15	—	2.16
Information Ratio	0.28	—	0.20
Up Capture Ratio	97.26	—	99.73
Down Capture Ratio	94.37	—	97.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.12	20.12	21.22
Price/Book Ratio	2.95	2.54	2.84
Avg Eff Duration	5.82	—	9.54

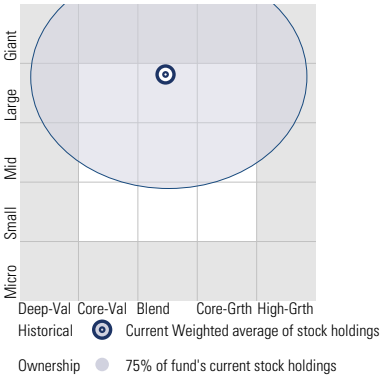
JPMorgan SmartRetirement® 2055 R6 JFFYX

Morningstar Category
Target-Date 2055

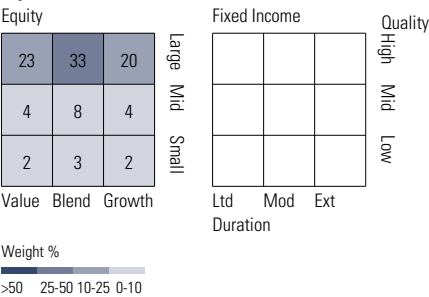
Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 12-31-2024

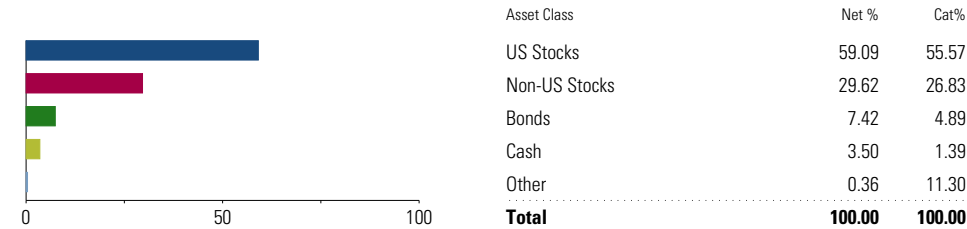
Morningstar Style Box™



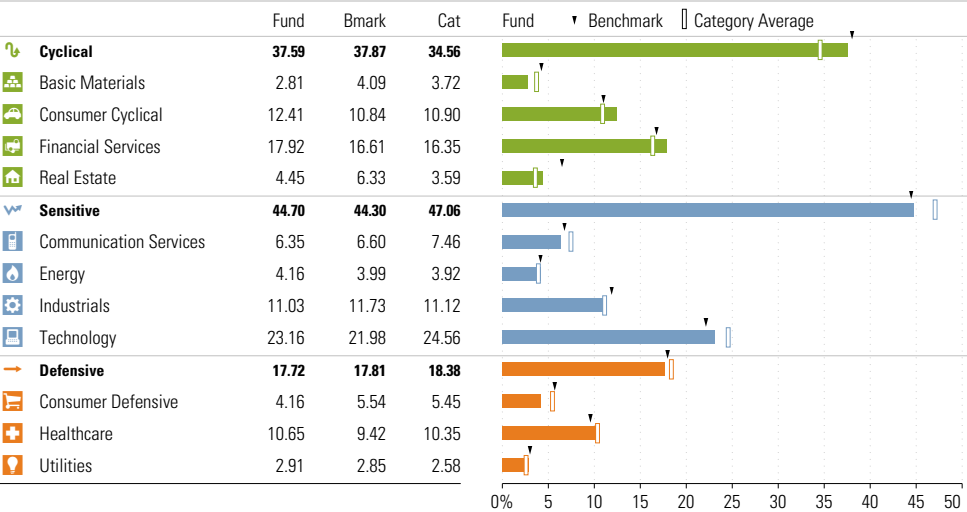
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan International Rsrch Enh Eq ETF	—	13.19	13.19	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	11.72	24.90	—	—
⊕ JPMorgan US Equity R6	—	11.71	36.61	—	—
⊕ JPMorgan Value Advantage R6	—	11.27	47.88	—	—
⊕ JPMorgan Growth Advantage R6	—	11.14	59.02	—	—
⊕ JPMorgan Global Select Equity ETF	—	9.18	68.20	—	—
⊕ JPMorgan International Equity R6	—	7.08	75.28	—	—
⊕ JPMorgan Core Plus Bond R6	—	5.13	80.41	—	—
⊖ JPMorgan BetaBuilders US Mid Cap Eq ETF	—	3.97	84.38	—	—
⊕ JPMorgan ActiveBuilders EM Eq ETF	—	3.24	87.62	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2060 R6 JAKYX

Morningstar Category
Target-Date 2060

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Daniel Oldroyd since 08-2016
Jeffrey Geller since 08-2016
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Target-Date 2060 category's top three quartiles in 7 of the 8 years it's been in existence.
- ✔ **Management:** The fund's management has been in place for 8.34 years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 93.75 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.41 is 31.67% lower than the Target-Date 2060 category average.

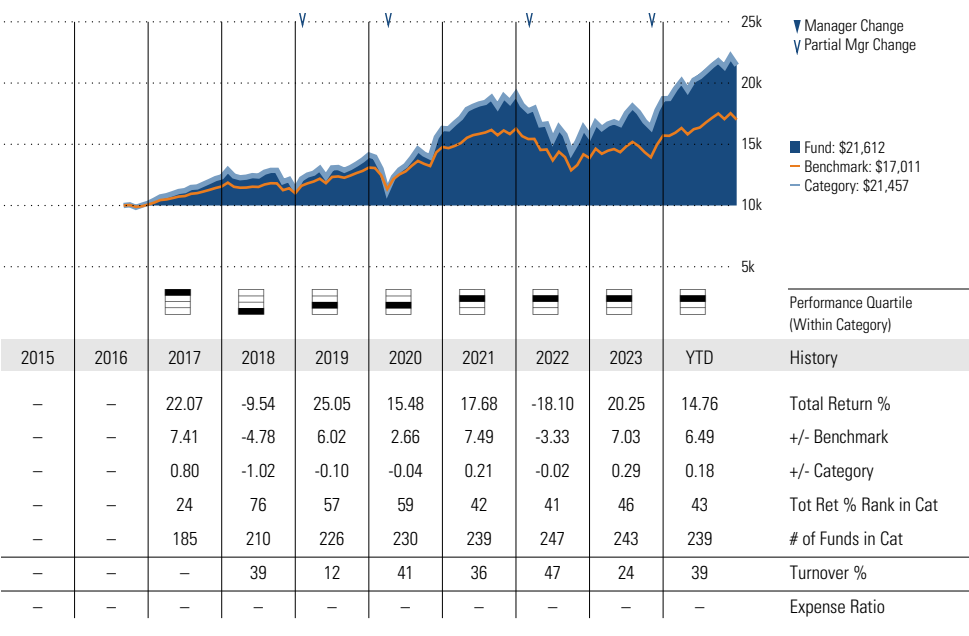
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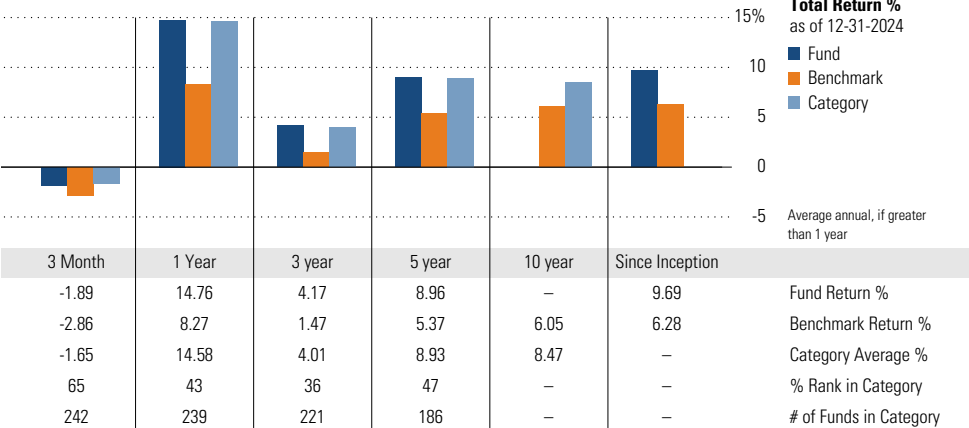
ESG Metrics

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

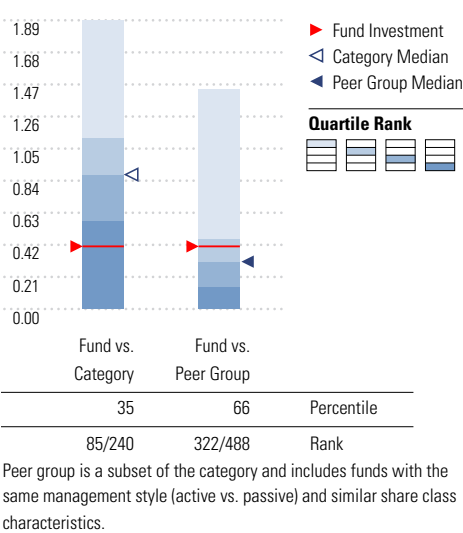
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.56	—	2.48
Beta	1.21	—	1.25
R-Squared	96.58	—	96.37
Standard Deviation	15.62	12.70	16.18
Sharpe Ratio	0.07	-0.15	0.07
Tracking Error	3.92	—	4.43
Information Ratio	0.69	—	0.58
Up Capture Ratio	129.81	—	134.54
Down Capture Ratio	116.54	—	121.83

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.12	19.69	21.26
Price/Book Ratio	2.95	2.42	2.85
Avg Eff Duration	5.82	—	8.97

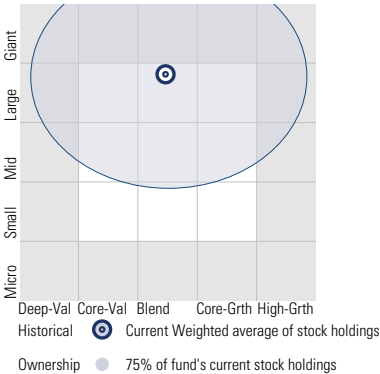
JPMorgan SmartRetirement® 2060 R6 JAKYX

Morningstar Category
Target-Date 2060

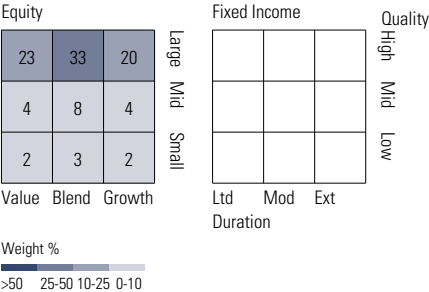
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2024

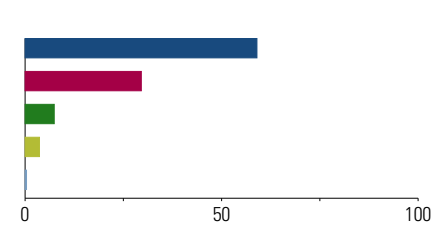
Morningstar Style Box™



Style Breakdown

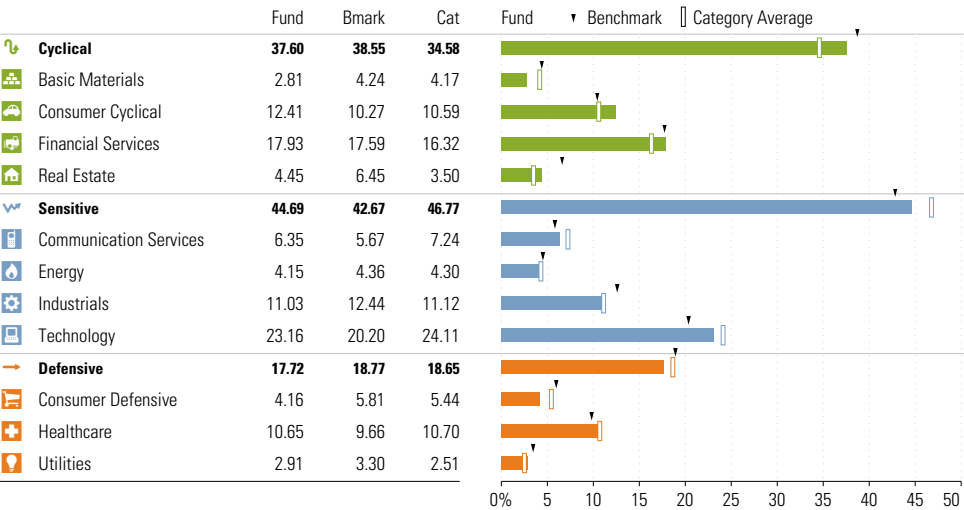


Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	58.99	57.43
Non-US Stocks	29.57	28.81
Bonds	7.41	4.94
Cash	3.65	0.57
Other	0.36	8.24
Total	100.00	100.00

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
JPMorgan International Rsrch Enh Eq ETF	—	13.17	13.17	—	—
JPMorgan US Research Enhanced Equity R6	—	11.70	24.86	—	—
JPMorgan US Equity R6	—	11.69	36.55	—	—
JPMorgan Value Advantage R6	—	11.25	47.80	—	—
JPMorgan Growth Advantage R6	—	11.12	58.93	—	—
JPMorgan Global Select Equity ETF	—	9.16	68.09	—	—
JPMorgan International Equity R6	—	7.07	75.16	—	—
JPMorgan Core Plus Bond R6	—	5.12	80.28	—	—
JPMorgan BetaBuilders US Mid Cap Eq ETF	—	3.97	84.24	—	—
JPMorgan ActiveBuilders EM Eq ETF	—	3.23	87.47	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® 2065 R6 JSMOX

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

Portfolio Manager(s)

Daniel Oldroyd since 11-2022
Jeffrey Geller since 11-2022
Ove Fladberg since 11-2022
Silvia Trillo since 11-2022
Anshul Mohan since 11-2023

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 — 90.91 % of the time over the past three years.

✔ *Net Expense:* The fund's expense ratio of 0.42 is 26.32% lower than the Target-Date 2065+ category average.

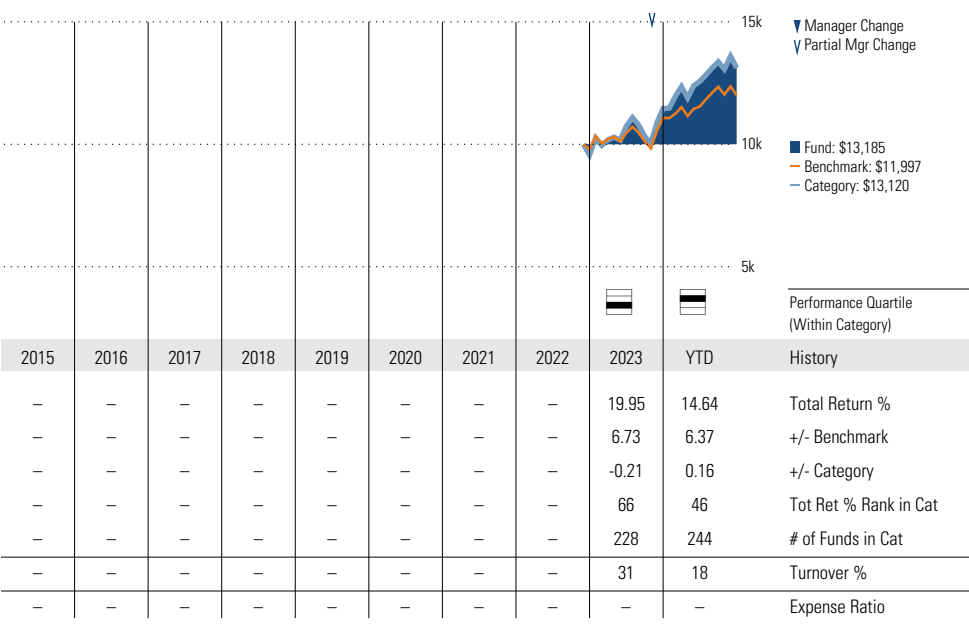
Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen, but only due to the short history for this vintage.

ESG Metrics

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

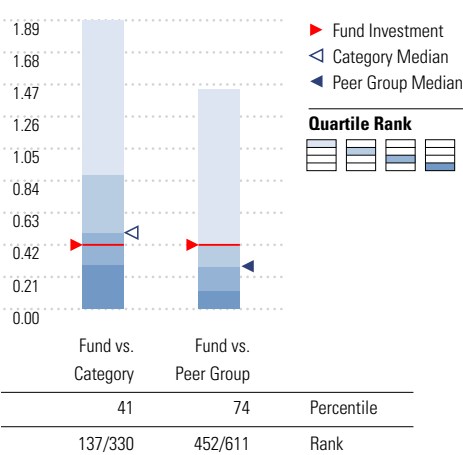
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

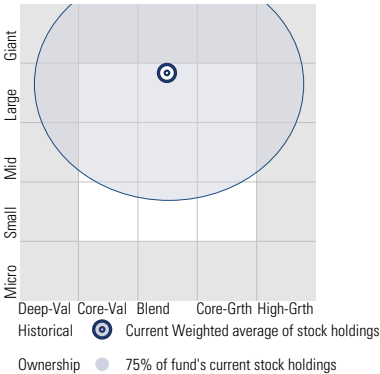
Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.32	19.69	20.75
Price/Book Ratio	2.98	2.42	2.73
Avg Eff Duration	5.82	-	9.10

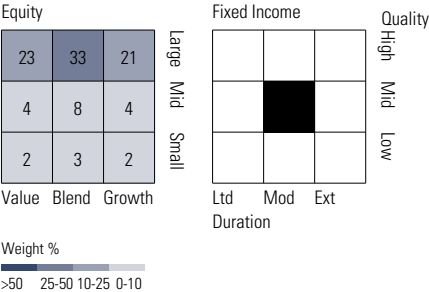
JPMorgan SmartRetirement® 2065 R6 JSMOX

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

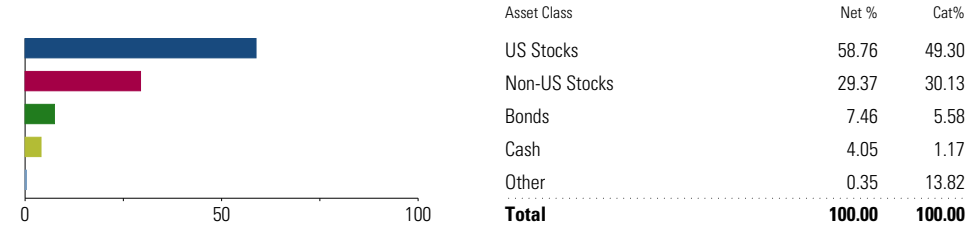
Style Analysis as of 12-31-2024
Morningstar Style Box™



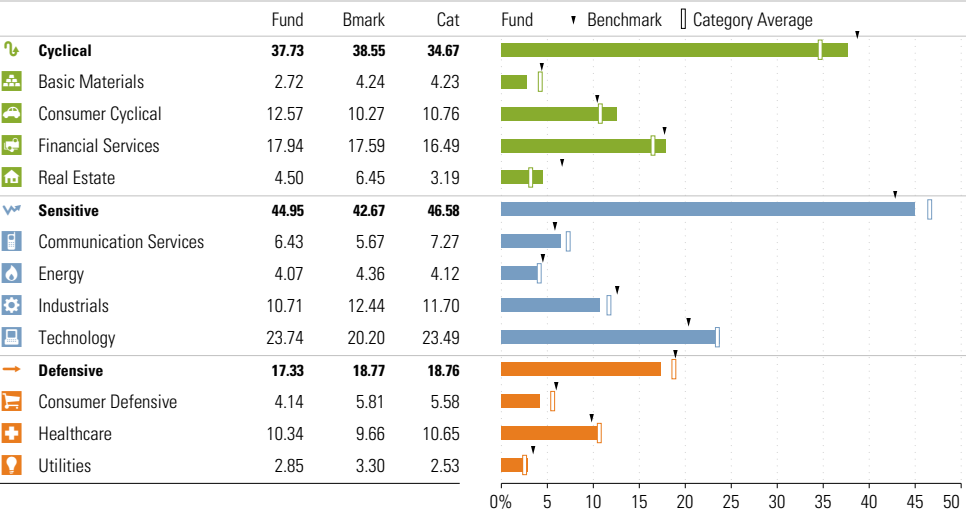
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan International Rsrch Enh Eq ETF	—	13.10	13.10	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	11.64	24.74	—	—
⊕ JPMorgan US Equity R6	—	11.63	36.37	—	—
⊕ JPMorgan Value Advantage R6	—	11.19	47.57	—	—
⊕ JPMorgan Growth Advantage R6	—	11.07	58.64	—	—
⊕ JPMorgan Global Select Equity ETF	—	9.12	67.75	—	—
⊕ JPMorgan International Equity R6	—	7.04	74.79	—	—
⊕ JPMorgan Core Plus Bond R6	—	5.09	79.88	—	—
⊕ SPDR® S&P MIDCAP 400 ETF Trust	—	3.95	83.84	—	—
⊕ JPMorgan ActiveBuilders EM Eq ETF	—	3.22	87.05	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan SmartRetirement® Income R6 JSIYX

Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008
Daniel Oldroyd since 11-2010
Silvia Trillo since 02-2019
Ove Fladberg since 03-2022
Anshul Mohan since 11-2023

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Target-Date Retirement 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 16.51 years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 87.5 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.34 is 37.04% lower than the Target-Date Retirement category average.

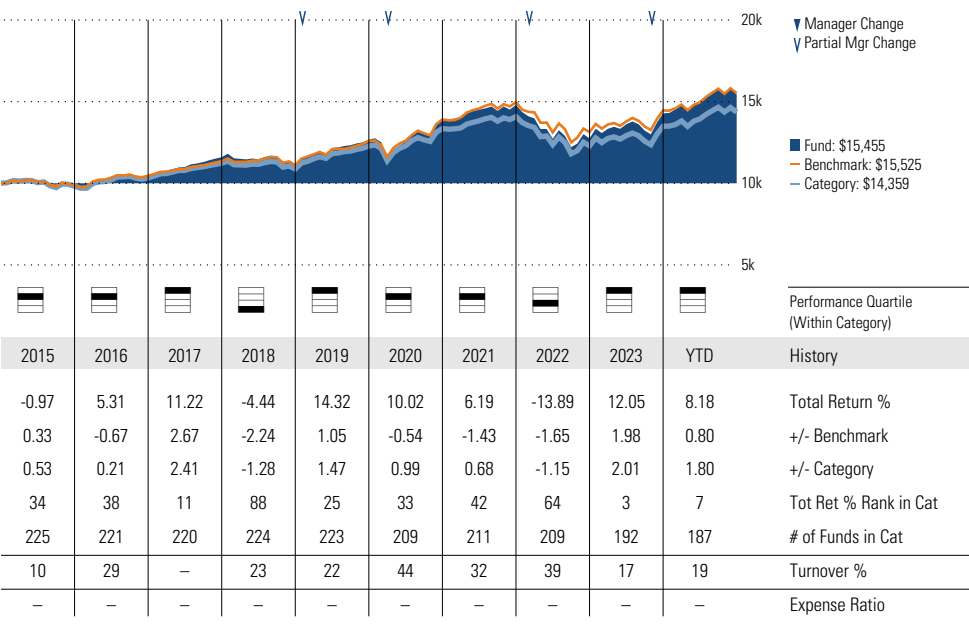
Morningstar Investment Management LLC Analysis

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.

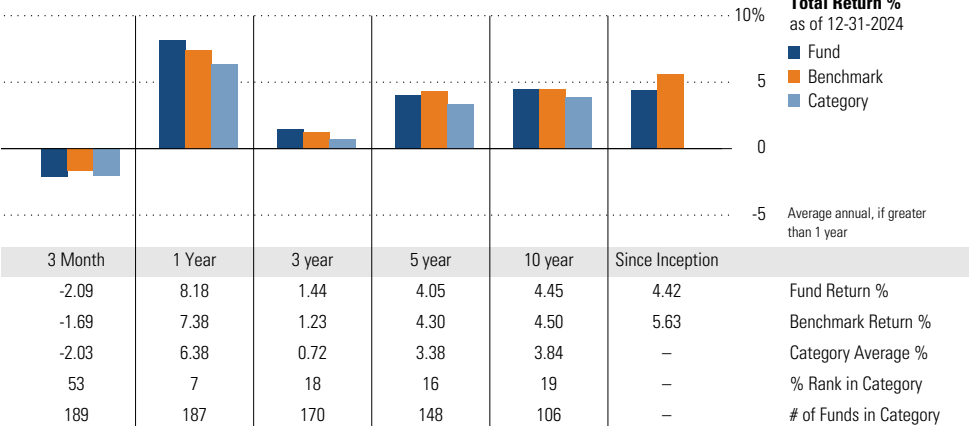
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

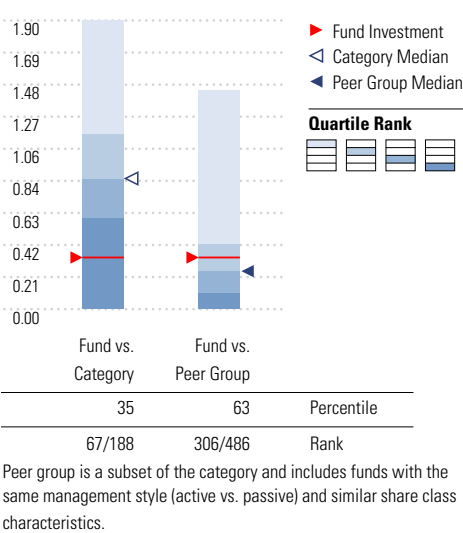
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.19	—	-0.42
Beta	1.03	—	0.98
R-Squared	98.36	—	97.19
Standard Deviation	9.74	9.34	9.30
Sharpe Ratio	-0.24	-0.28	-0.33
Tracking Error	1.29	—	1.75
Information Ratio	0.17	—	-0.30
Up Capture Ratio	106.39	—	98.01
Down Capture Ratio	105.21	—	101.25

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.20	21.83	21.55
Price/Book Ratio	3.01	2.86	2.78
Avg Eff Duration	5.57	—	5.68

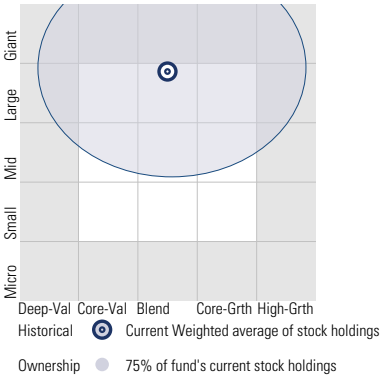
JPMorgan SmartRetirement® Income R6 JSIYX

Morningstar Category
Target-Date Retirement

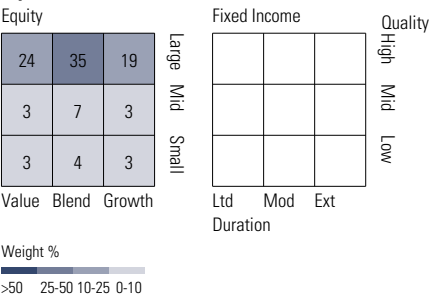
Morningstar Index
Morningstar Lifetime Mod Incm TR
USD

Style Analysis as of 12-31-2024

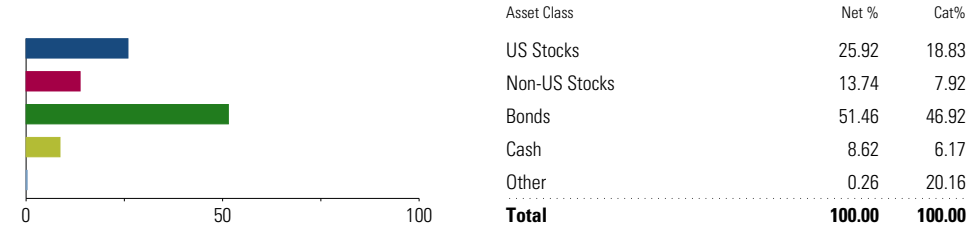
Morningstar Style Box™



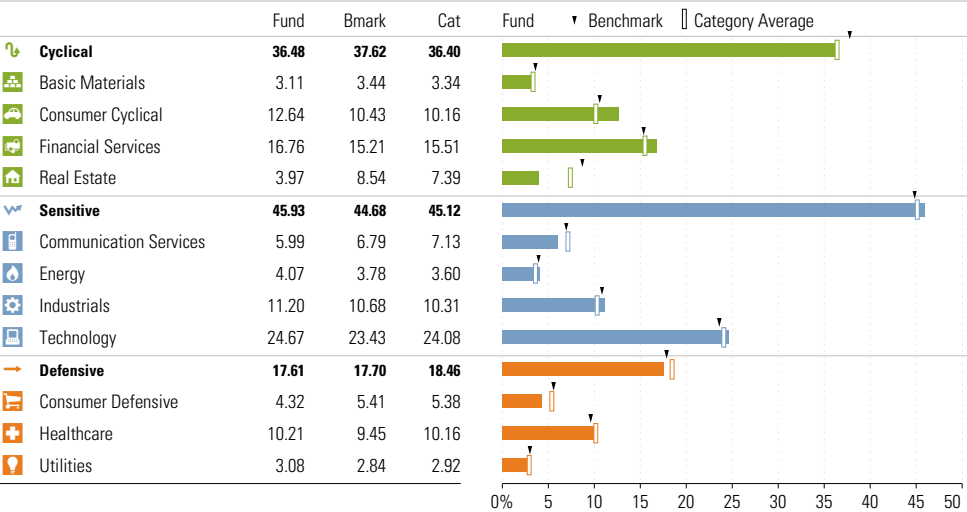
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	31.34	31.34	—	—
⊖ JPMorgan Core Plus Bond R6	—	10.44	41.79	—	—
⊕ JPMorgan US Research Enhanced Equity R6	—	9.19	50.98	—	—
⊕ JPMorgan US Equity R6	—	9.19	60.17	—	—
⊕ JPMorgan International Rsrch Enh Eq ETF	—	5.76	65.93	—	—
⊖ JPMorgan High Yield R6	—	5.31	71.24	—	—
⊖ JPMorgan Inflation Managed Bond ETF	—	5.02	76.25	—	—
⊕ Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	4.60	80.85	—	—
⊕ JPMorgan Global Select Equity ETF	—	4.01	84.86	—	—
⊕ JPMorgan International Equity R6	—	3.09	87.95	—	—

Total Holdings 22

⊕ Increase ⊖ Decrease ✱ New to Portfolio

MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Alison O'Neill since 05-2018
Jude Jason since 06-2021

Quantitative Screens

- ✓ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- ✓ **Management:** The fund's management has been in place for 6.67 years.
- ✗ **Style:** The fund has landed in its primary style box — Large Blend — 65.63 % of the time over the past three years.
- ✓ **Net Expense:** The fund's expense ratio of 0.38 is 47.95% lower than the Large Blend category average.

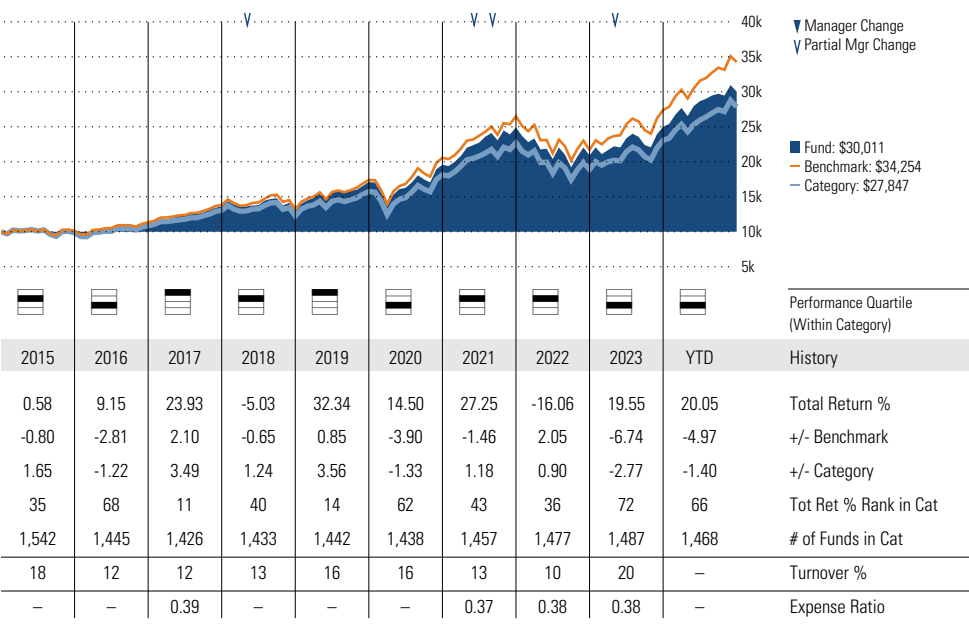
Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen due to portfolio drift into the growth portion of the Morningstar Style Box. However, with Morningstar's recent methodology update addressing this growth bias, the portfolio now aligns with its intended style classification. As a result, we are not concerned about the screen failure.

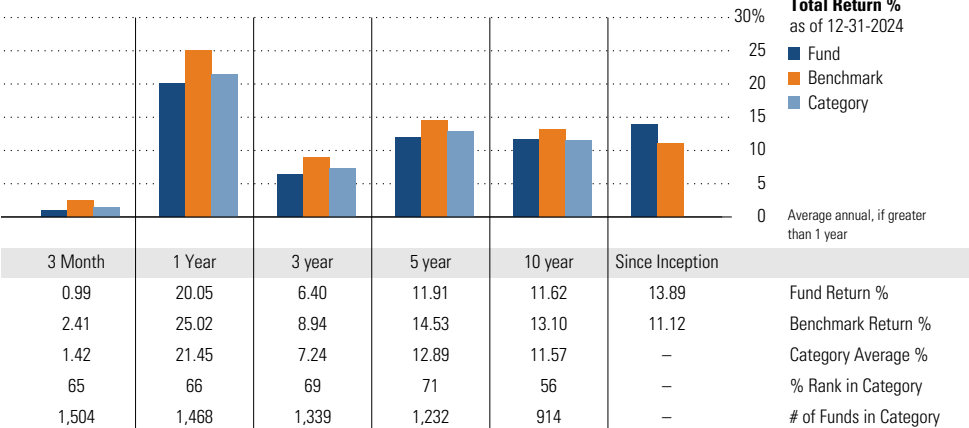
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Low Risk	12-31-2022

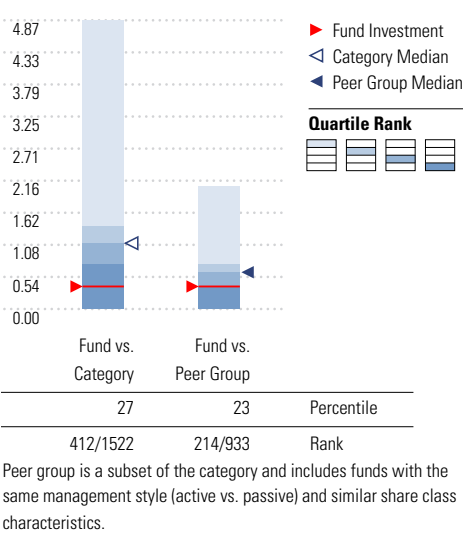
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.81	—	-1.12
Beta	0.93	—	0.95
R-Squared	97.44	—	94.60
Standard Deviation	16.32	17.40	16.91
Sharpe Ratio	0.21	0.34	0.25
Tracking Error	2.91	—	3.56
Information Ratio	-0.87	—	-1.26
Up Capture Ratio	90.47	—	92.39
Down Capture Ratio	97.94	—	96.94

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	27.95	27.14	27.37
Price/Book Ratio	4.59	4.77	4.95
Geom Avg Mkt Cap \$B	275.41	362.17	383.78
ROE	29.45	33.88	32.35

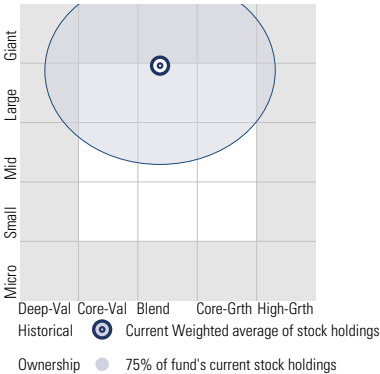
MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category
Large Blend

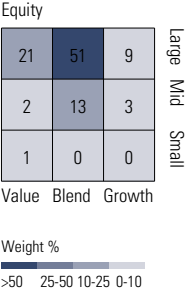
Morningstar Index
S&P 500 TR USD

Style Analysis as of 12-31-2024

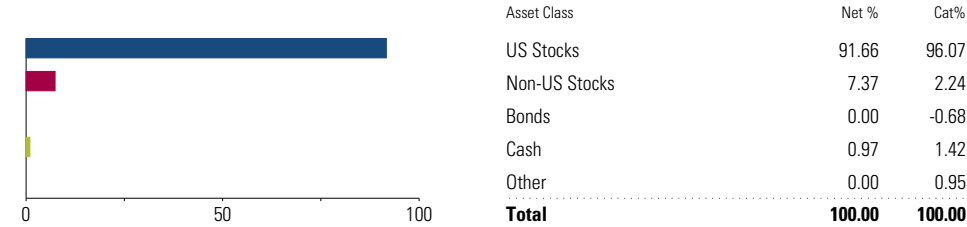
Morningstar Style Box™



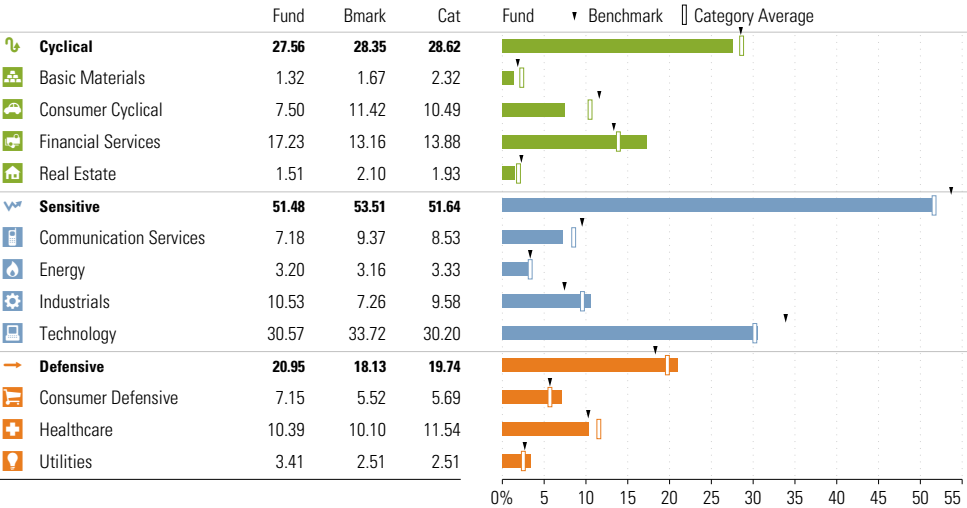
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	8.19	8.19	12.91	Technology
Alphabet Inc Class A	5.58	13.78	35.94	Communication Svc
NVIDIA Corp	5.52	19.30	171.24	Technology
Amazon.com Inc	5.33	24.63	44.39	Consumer Cyclical
Apple Inc	4.46	29.09	30.58	Technology
JPMorgan Chase & Co	2.76	31.84	43.63	Financial Services
Visa Inc Class A	2.65	34.50	—	Financial Services
Salesforce Inc	2.54	37.04	27.66	Technology
Fiserv Inc	2.17	39.20	54.64	Technology
ConocoPhillips	1.94	41.15	-11.87	Energy
Mastercard Inc Class A	1.94	43.09	24.08	Financial Services
Xcel Energy Inc	1.86	44.95	11.71	Utilities
The Goldman Sachs Group Inc	1.75	46.70	51.42	Financial Services
Howmet Aerospace Inc	1.73	48.43	—	Industrials
Check Point Software Technologies Ltd	1.71	50.13	22.19	Technology

Total Holdings 66

⊕ Increase ⊖ Decrease ✱ New to Portfolio

MFS New Discovery R6 MNDKX

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 11.01 years.
- Style:** The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.9 is 22.41% lower than the Small Growth category average.

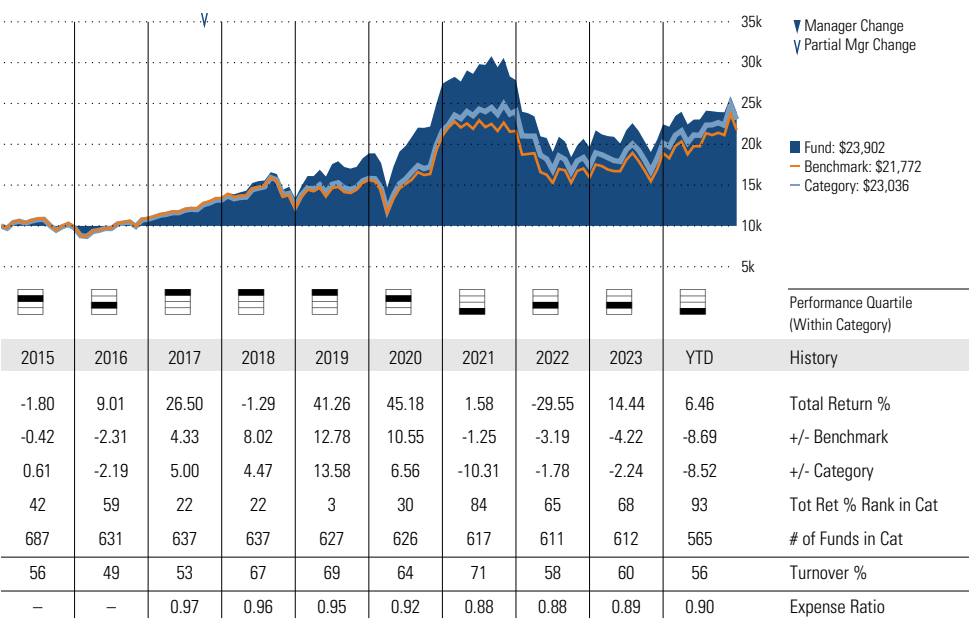
Morningstar Investment Management LLC Analysis

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

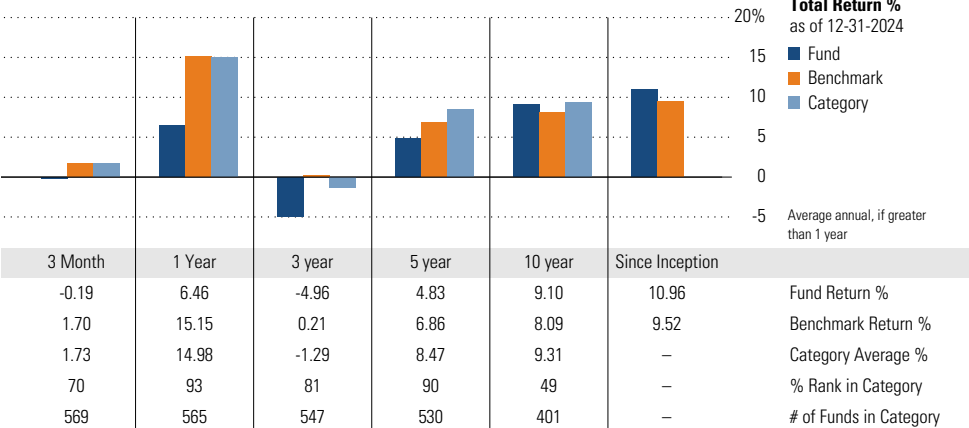
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
Carbon Risk Score	Medium Risk	12-31-2022

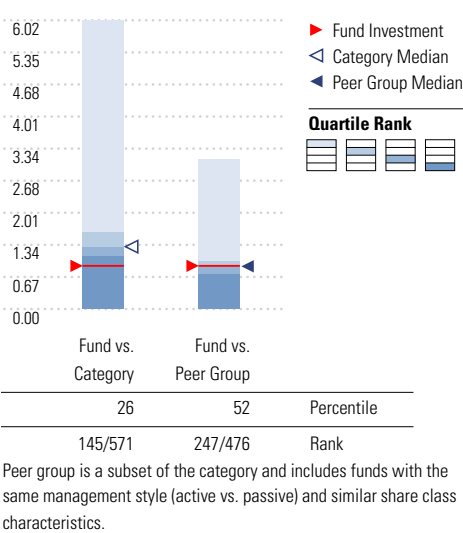
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-5.46	-	-1.77
Beta	0.86	-	0.91
R-Squared	94.54	-	92.67
Standard Deviation	21.62	24.33	23.20
Sharpe Ratio	-0.33	-0.05	-0.14
Tracking Error	6.04	-	6.71
Information Ratio	-0.86	-	-0.25
Up Capture Ratio	74.09	-	87.49
Down Capture Ratio	90.59	-	93.28

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	24.19	23.14	29.25
Price/Book Ratio	3.17	4.12	3.92
Geom Avg Mkt Cap \$B	5.35	3.40	6.68
ROE	3.90	6.72	7.94

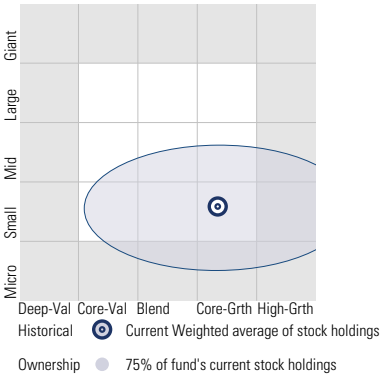
MFS New Discovery R6 MNDKX

Morningstar Category
Small Growth

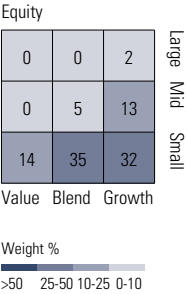
Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 12-31-2024

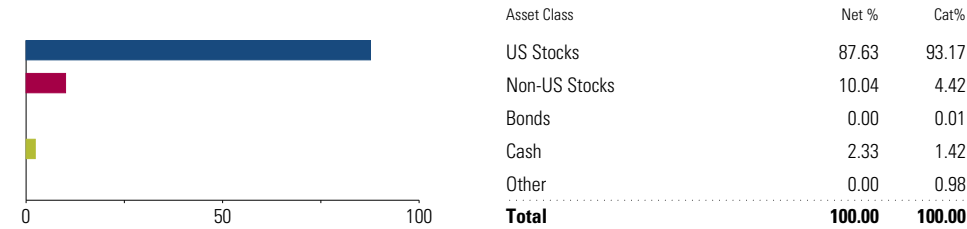
Morningstar Style Box™



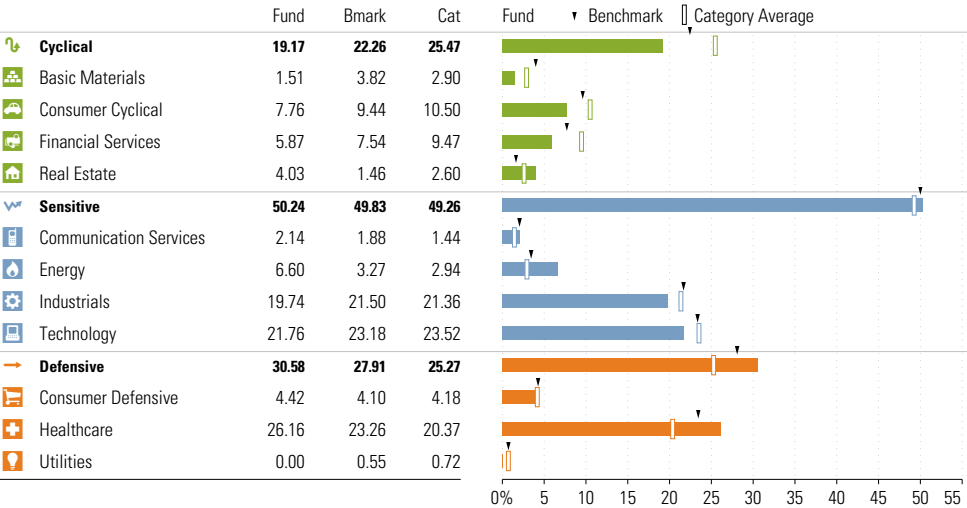
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	2.33	2.33	—	—
⊖ US Foods Holding Corp	2.18	4.51	—	Consumer Defensive
Crane Co	1.91	6.42	29.14	Industrials
⊕ SentinelOne Inc Class A	1.82	8.24	—	Technology
⊕ Guidewire Software Inc	1.79	10.03	—	Technology
⊖ RB Global Inc	1.74	11.77	36.54	Industrials
Genius Sports Ltd	1.64	13.41	—	Communication Svc
TopBuild Corp	1.56	14.98	—	Industrials
Flowserve Corp	1.51	16.49	41.58	Industrials
⊖ nVent Electric PLC	1.48	17.96	—	Industrials
Qiagen NV	1.45	19.41	2.32	Healthcare
⊖ GFL Environmental Inc	1.44	20.85	—	Industrials
Matador Resources Co	1.42	22.27	—	Energy
Antero Resources Corp	1.41	23.68	—	Energy
Permian Resources Corp Class A	1.39	25.07	—	Energy

Total Holdings 111

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1 is 0.99% lower than the Commodities Broad Basket category average.

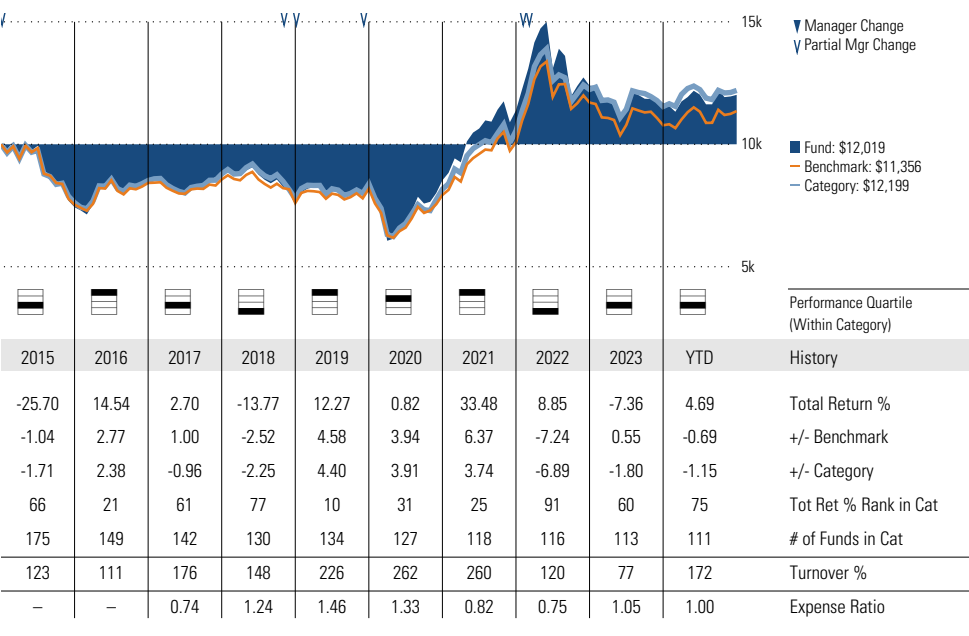
Morningstar Investment Management LLC Analysis

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.

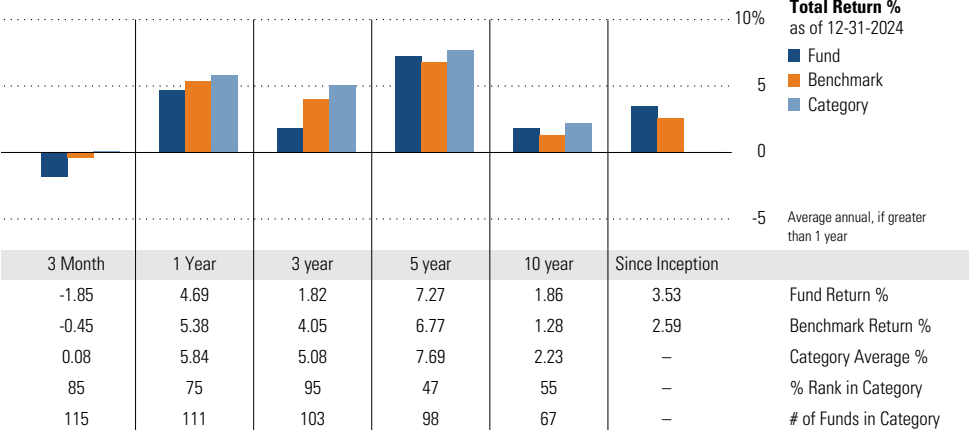
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

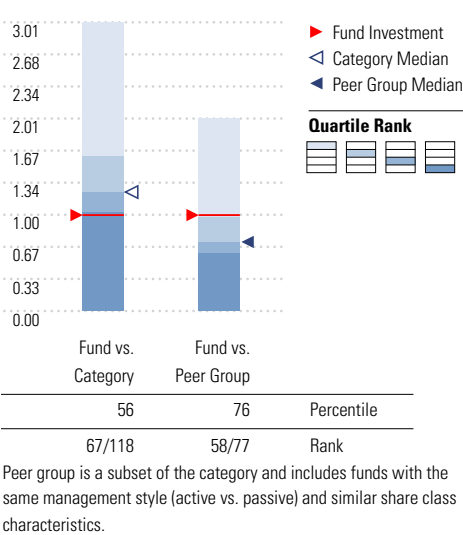
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.37	-	0.68
Beta	1.10	-	0.94
R-Squared	95.40	-	87.54
Standard Deviation	16.37	14.53	14.58
Sharpe Ratio	-0.06	0.06	0.08
Tracking Error	3.80	-	4.77
Information Ratio	-0.59	-	-0.10
Up Capture Ratio	99.39	-	90.10
Down Capture Ratio	112.08	-	85.87

Portfolio Metrics

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

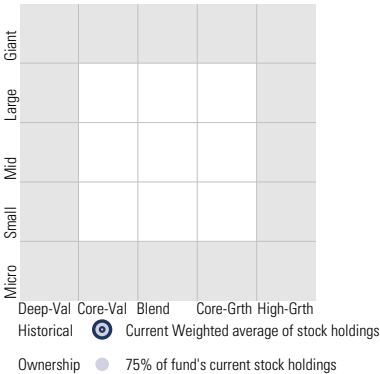
PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category
Commodities Broad Basket

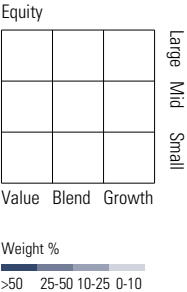
Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 12-31-2024

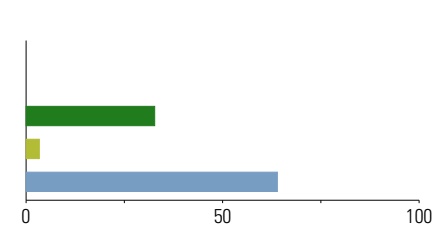
Morningstar Style Box™



Style Breakdown

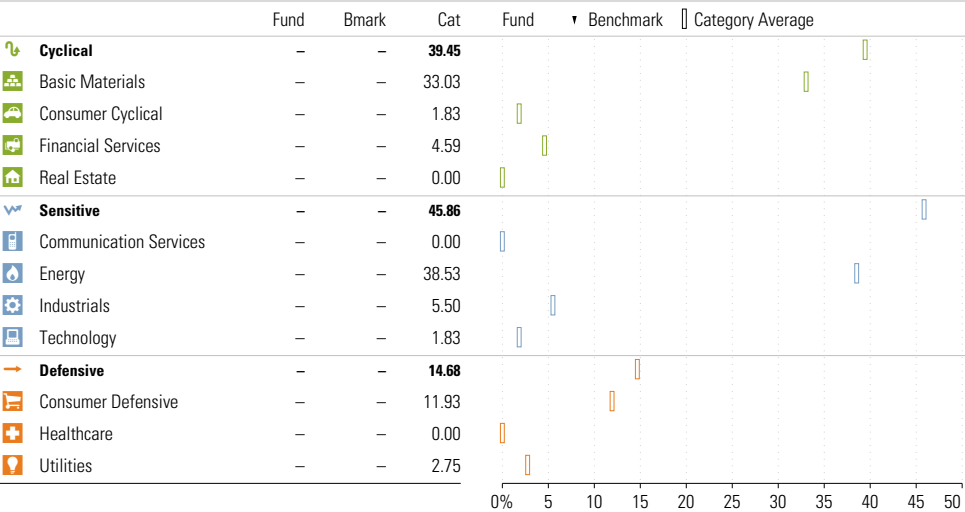


Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	0.00	0.98
Non-US Stocks	0.00	0.74
Bonds	32.72	29.63
Cash	3.36	77.89
Other	63.93	-9.25
Total	100.00	100.00

Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 686

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Income Instl PIMIX

Morningstar Category
Multisector Bond

Morningstar Index
Bloomberg US Universal TR USD

Portfolio Manager(s)

Daniel Ivascyn since 03-2007
Alfred Murata since 03-2013
Joshua Anderson since 07-2018

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.83 is 15.31% lower than the Multisector Bond category average.

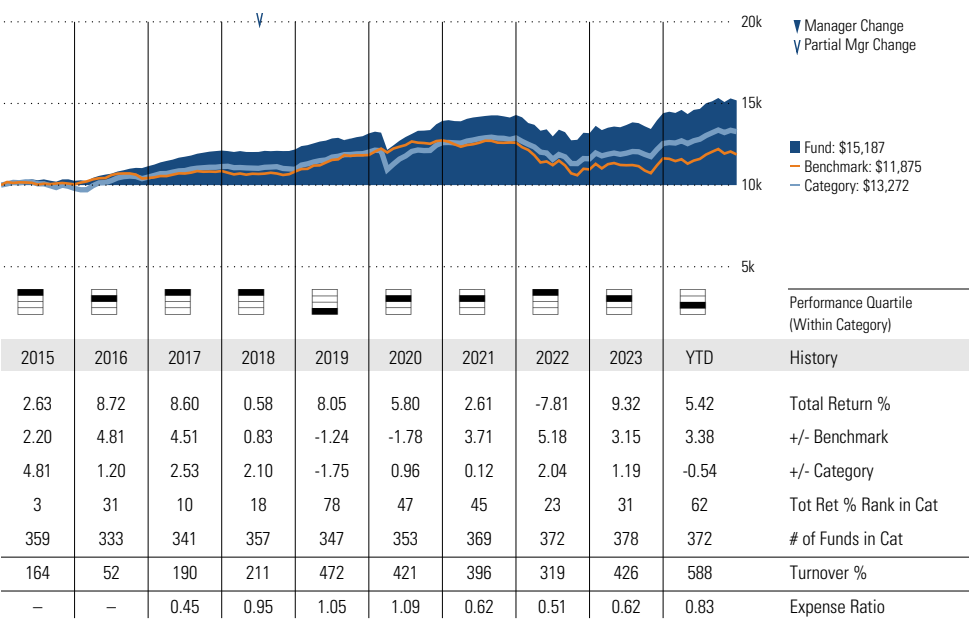
Morningstar Investment Management LLC Analysis

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

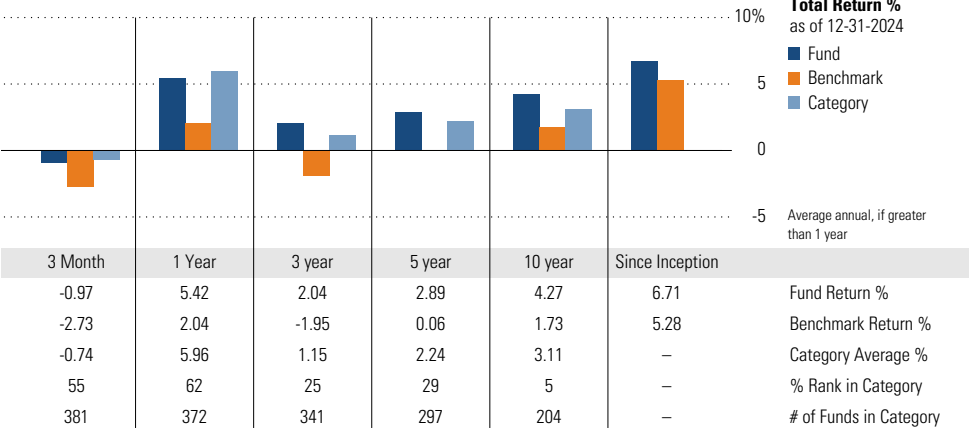
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024

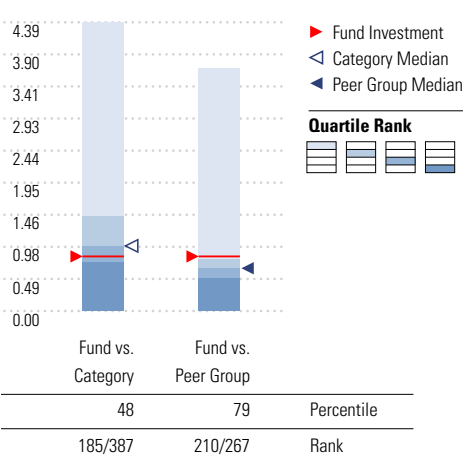
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.62	-	2.51
Beta	0.82	-	0.78
R-Squared	88.86	-	79.76
Standard Deviation	6.72	7.70	6.68
Sharpe Ratio	-0.30	-0.78	-0.45
Tracking Error	2.63	-	3.52
Information Ratio	1.52	-	0.88
Up Capture Ratio	96.87	-	85.99
Down Capture Ratio	64.79	-	64.32

Portfolio Metrics

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

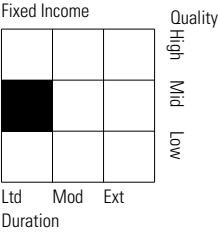
PIMCO Income Instl PIMIX

Morningstar Category
Multisector Bond

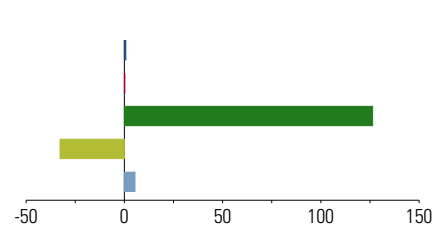
Morningstar Index
Bloomberg US Universal TR USD

Style Analysis as of 12-31-2024

Style Breakdown



Asset Allocation as of 12-31-2024

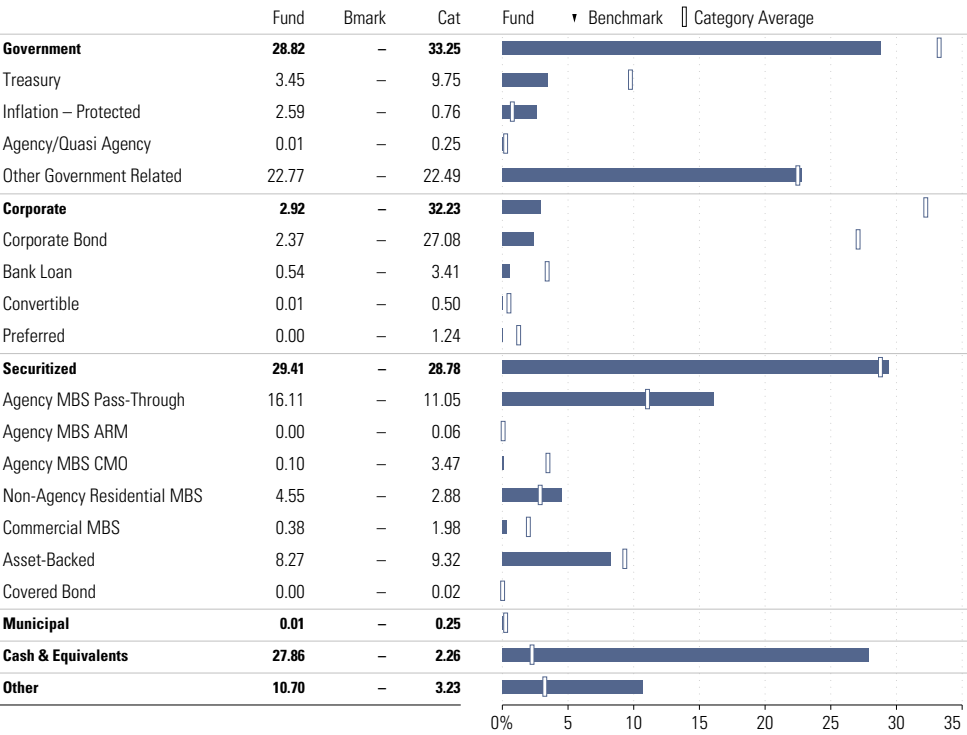


Asset Class	Net %	Cat%
US Stocks	0.74	0.97
Non-US Stocks	0.26	0.12
Bonds	126.34	103.97
Cash	-32.73	-6.43
Other	5.41	1.37
Total	100.00	100.00

Credit Rating Breakdown

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

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 9857

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO International Bond (USD-Hdg) Instl PFORX

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.75 is 7.14% higher than the Global Bond-USD Hedged category average.

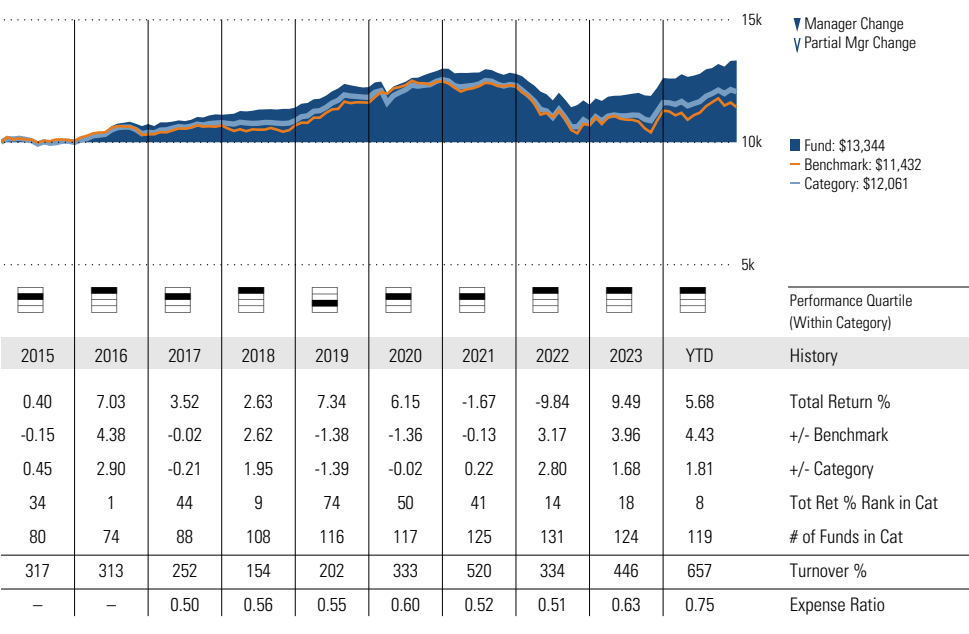
Morningstar Investment Management LLC Analysis

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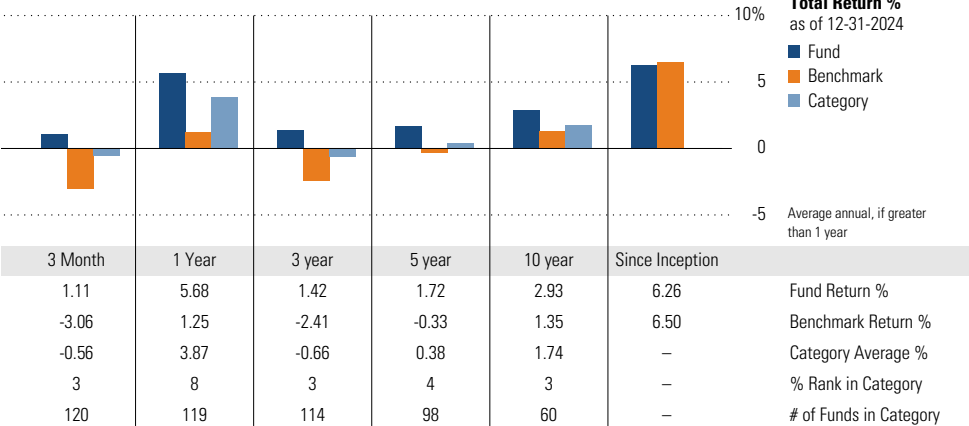
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024

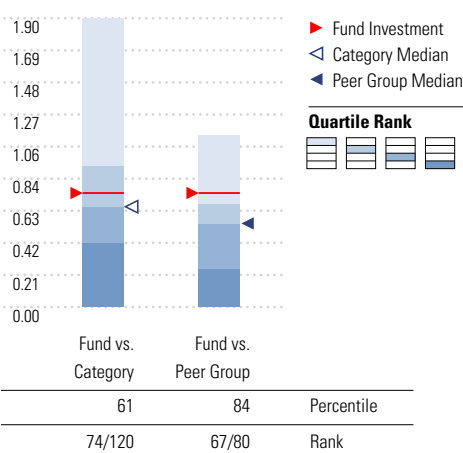
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.77	-	1.10
Beta	0.58	-	0.79
R-Squared	76.44	-	85.39
Standard Deviation	5.15	7.83	6.69
Sharpe Ratio	-0.54	-0.82	-0.75
Tracking Error	4.16	-	3.19
Information Ratio	0.92	-	0.51
Up Capture Ratio	66.78	-	82.07
Down Capture Ratio	43.20	-	72.99

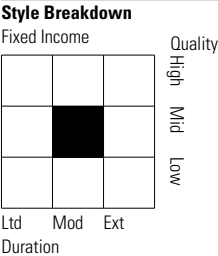
Portfolio Metrics

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

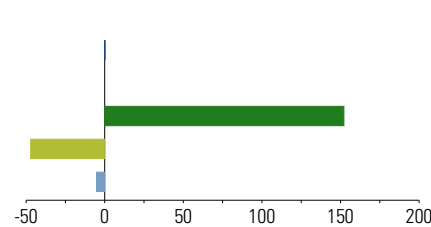
PIMCO International Bond (USD-Hdg) Instl PFORX

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

Style Analysis as of 12-31-2024

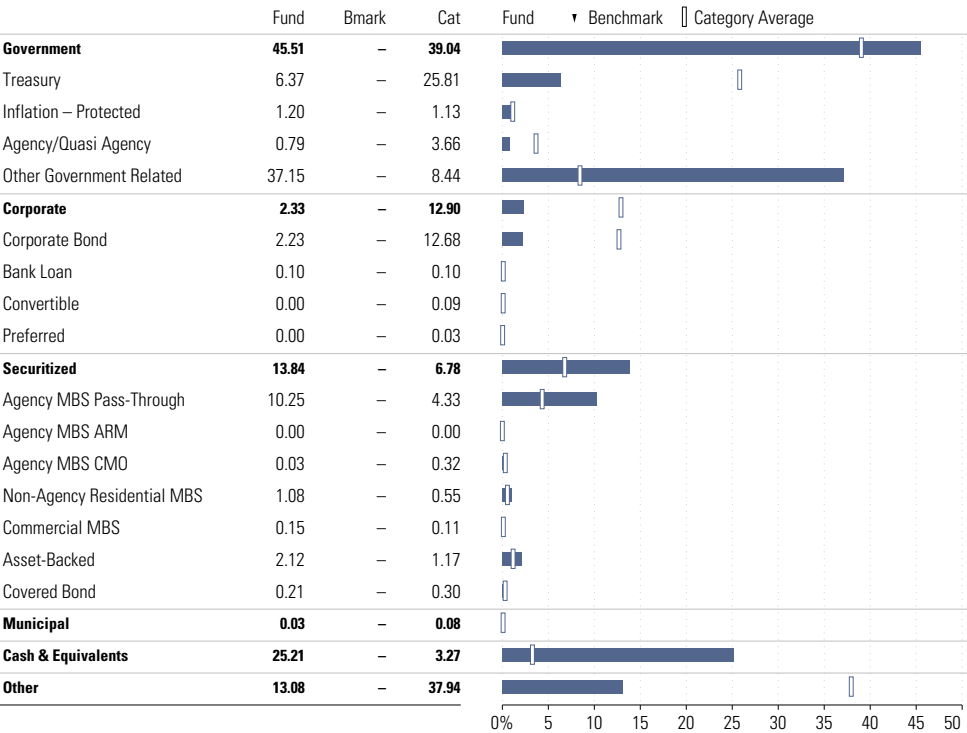


Asset Allocation as of 12-31-2024



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

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 1602

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance:** The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 7.09 years.
- Style:** The fund has landed in its primary style box — Large Blend — 77.14 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.04 is 94.52% lower than the Large Blend category average.

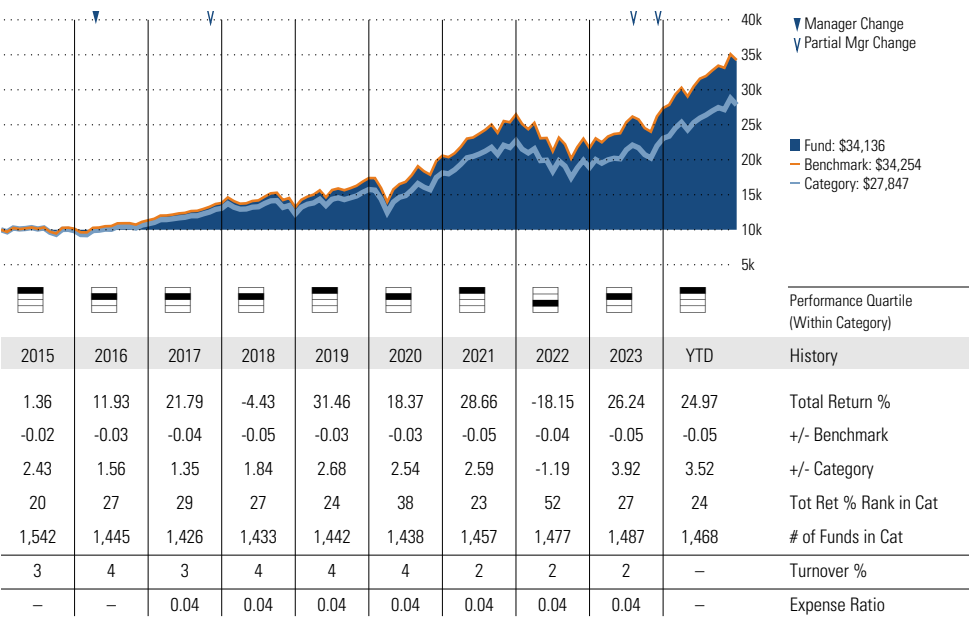
Morningstar Investment Management LLC Analysis

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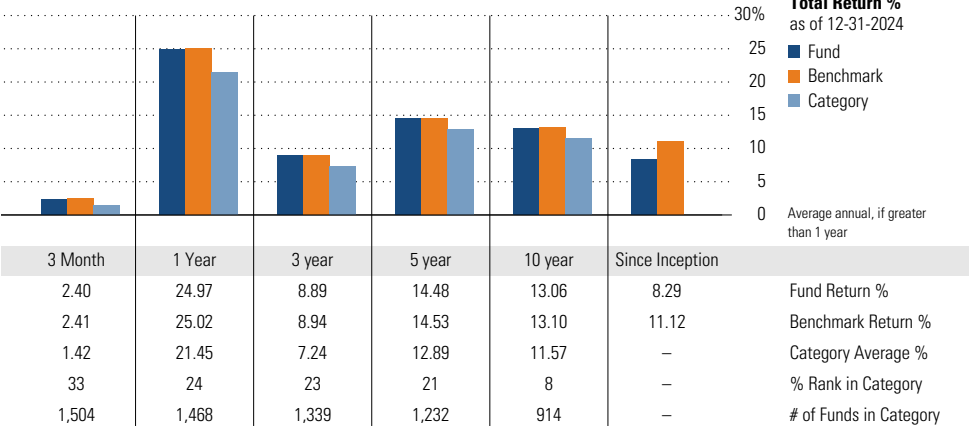
ESG Metrics

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

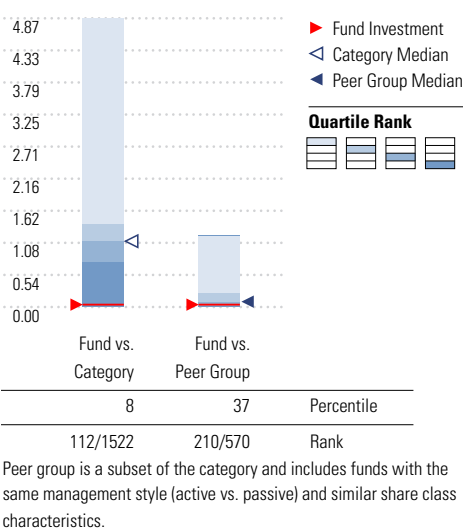
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

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

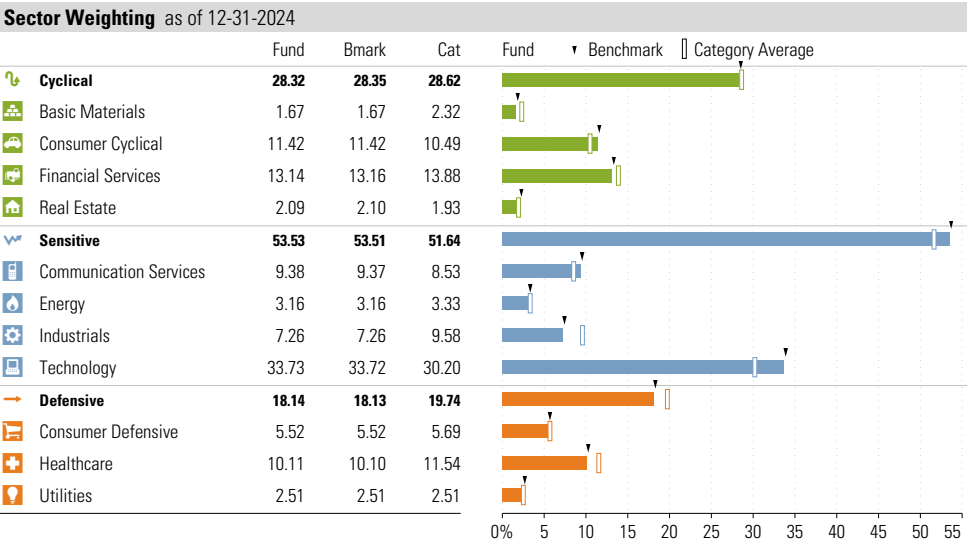
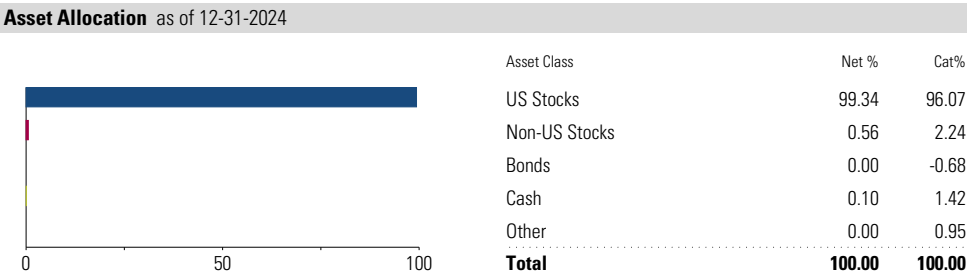
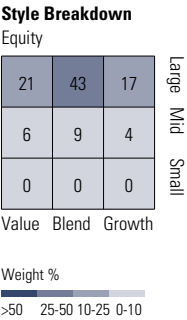
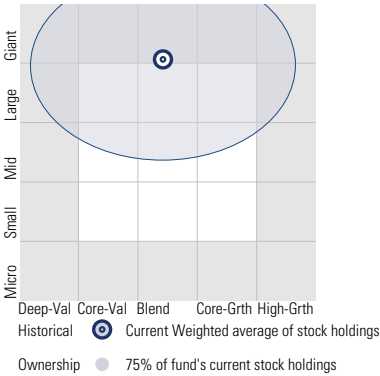
Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 12-31-2024

Morningstar Style Box™



Top 15 Holdings as of 12-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.60	7.60	30.58	Technology
⊕ NVIDIA Corp	6.61	14.21	171.24	Technology
⊕ Microsoft Corp	6.29	20.49	12.91	Technology
⊕ Amazon.com Inc	4.12	24.61	44.39	Consumer Cyclical
⊕ Meta Platforms Inc Class A	2.56	27.17	—	Communication Svc
⊕ Tesla Inc	2.26	29.44	—	Consumer Cyclical
⊕ Alphabet Inc Class A	2.22	31.66	35.94	Communication Svc
⊕ Broadcom Inc	2.17	33.83	—	Technology
⊖ Alphabet Inc Class C	1.82	35.65	35.56	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.67	37.32	27.09	Financial Services
⊖ JPMorgan Chase & Co	1.35	38.67	43.63	Financial Services
⊕ Eli Lilly and Co	1.22	39.89	33.33	Healthcare
⊕ Visa Inc Class A	1.09	40.98	—	Financial Services
⊖ Exxon Mobil Corp	0.95	41.93	11.43	Energy
⊕ UnitedHealth Group Inc	0.93	42.86	-2.36	Healthcare
Total Holdings 507				
⊕ Increase ⊖ Decrease ✱ New to Portfolio				

Vanguard High-Yield Corporate Adm VWEAX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofA US High Yield TR USD

Portfolio Manager(s)

Elizabeth Shortsleeve since 08-2022
Michael Chang since 08-2022

Quantitative Screens

- Performance: The fund has finished in the High Yield Bond category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management team has been in place for less than three years.

Style Consistency is not calculated for Fixed Income funds.

- Net Expense: The fund's expense ratio of 0.12 is 86.36% lower than the High Yield Bond category average.

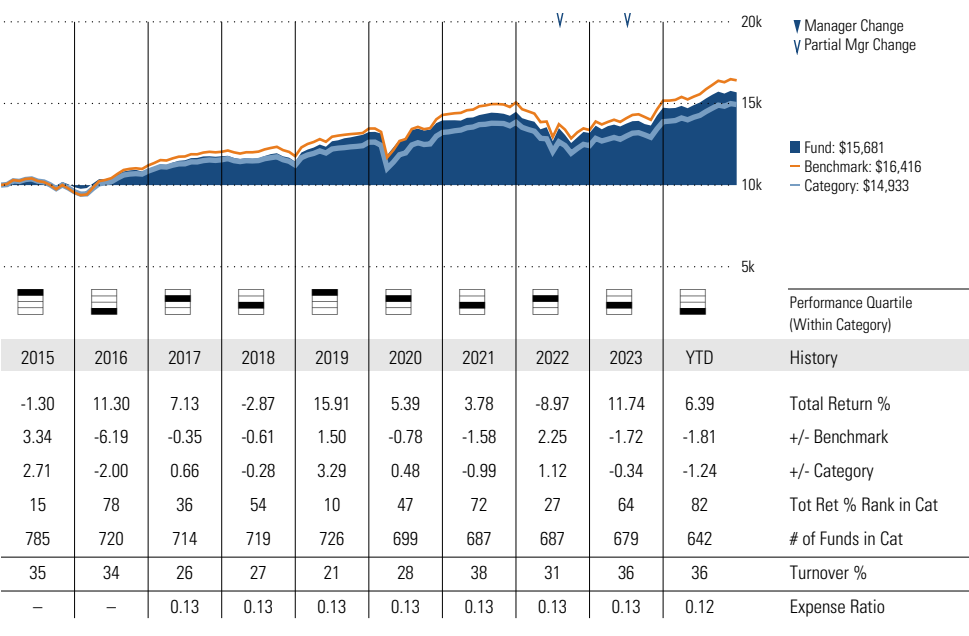
Morningstar Investment Management LLC Analysis

We placed this fund on watch after the departure of longtime manager Michael Hong. We will keep the fund on watch while assessing its performance under the current team. This strategy's team underwent material changes, and its current members are still settling into place and we have not seen enough evidence that they can consistently execute.

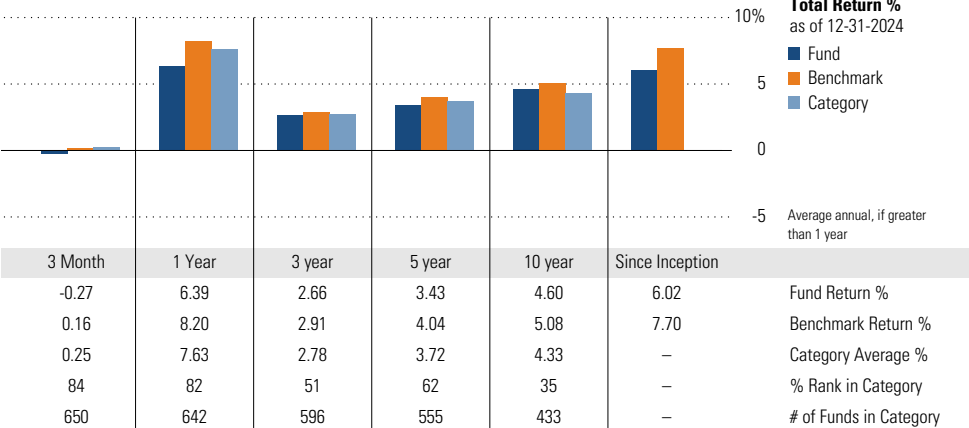
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2024

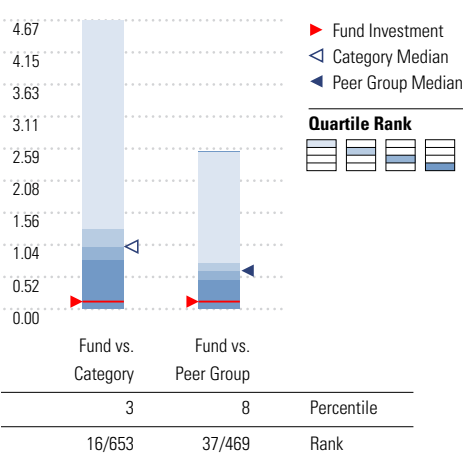
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.15	-	0.07
Beta	0.97	-	0.89
R-Squared	98.11	-	94.59
Standard Deviation	8.37	8.57	7.82
Sharpe Ratio	-0.15	-0.11	-0.15
Tracking Error	1.18	-	1.88
Information Ratio	-0.21	-	-0.35
Up Capture Ratio	96.14	-	88.99
Down Capture Ratio	97.54	-	88.25

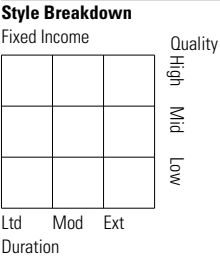
Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.12	-	3.17
Avg Eff Maturity	3.80	-	4.79

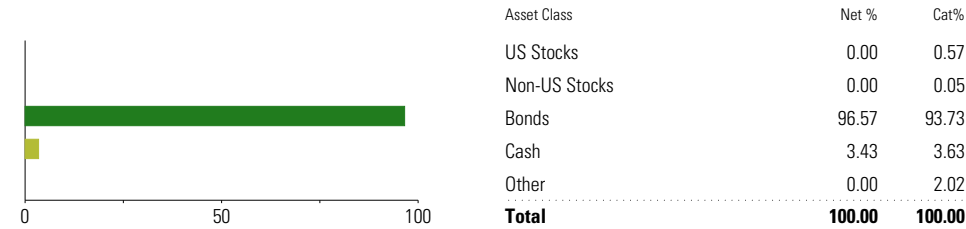
Vanguard High-Yield Corporate Adm VWEAX

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

Style Analysis as of 12-31-2024

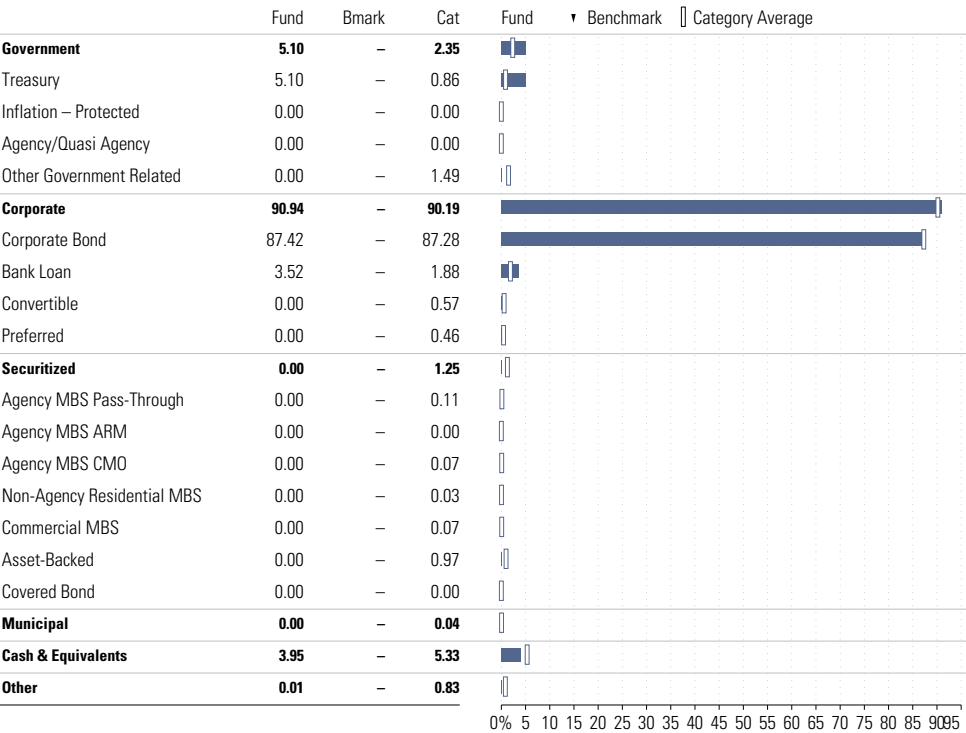


Asset Allocation as of 12-31-2024



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	5.10	—	1.63
AA	2.31	—	0.66
A	0.00	—	0.43
BBB	3.48	—	6.44
BB	51.16	—	33.37
B	32.28	—	31.89
Below B	5.28	—	22.49
Not Rated	0.39	—	3.09

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Mktliq 12/31/2049	—	0.91	0.91	—
⊕ Jpm Triparty Treasury	—	0.85	1.76	—
⊕ United States Treasury Notes	—	0.82	2.58	—
⊖ Imola Merger Corp.	—	0.68	3.26	—
United States Treasury Notes	—	0.67	3.93	—
Herc Holdings Inc	—	0.60	4.53	—
⊕ Td Triparty Mortgage	—	0.56	5.09	—
⊖ SS&C Technologies, Inc.	—	0.55	5.64	—
⊖ Frontier Communications Parent Inc	—	0.53	6.18	—
⊖ Us Dollar	—	0.53	6.71	—

Total Holdings 918

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Portfolio Manager(s)

John Madziyire since 11-2021

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 3.15 years.

Style Consistency is not calculated for Fixed Income funds.

- ✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.07% lower than the Inflation-Protected Bond category average.

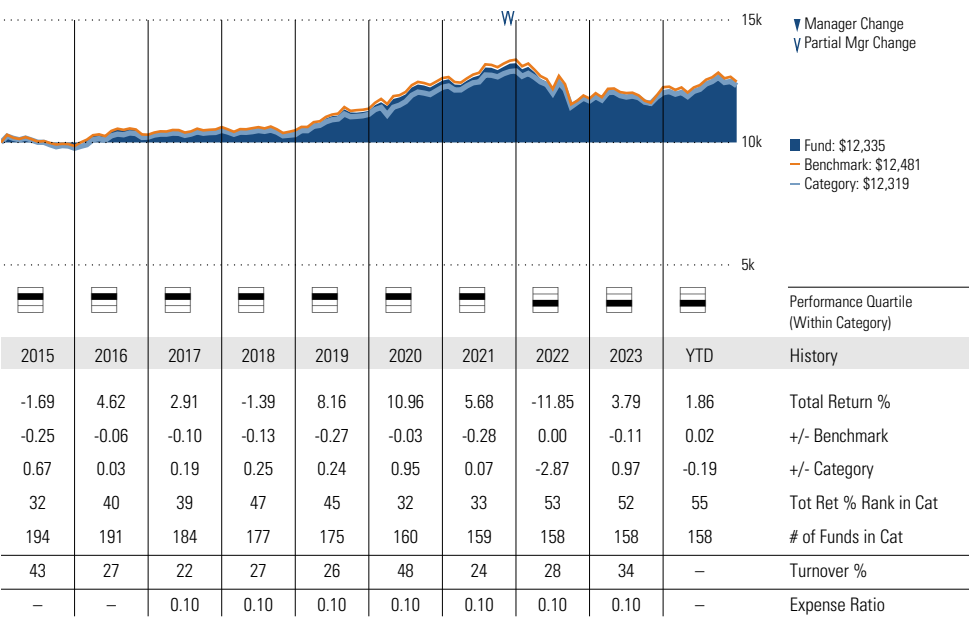
Morningstar Investment Management LLC Analysis

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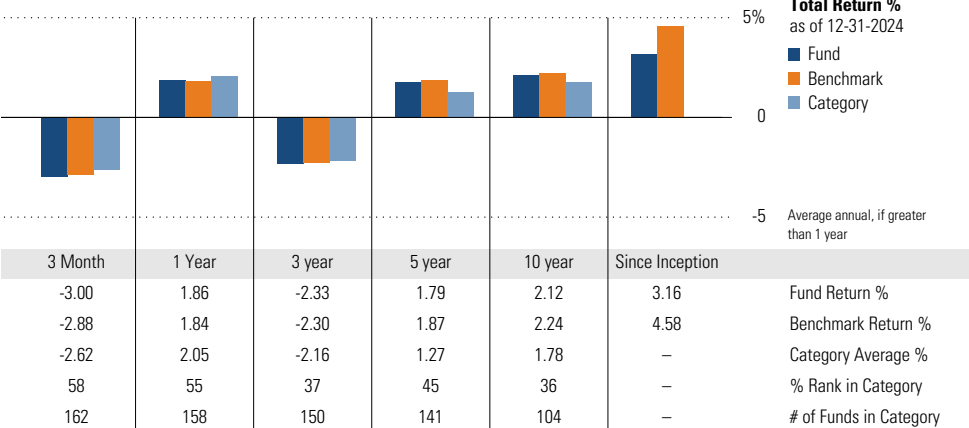
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

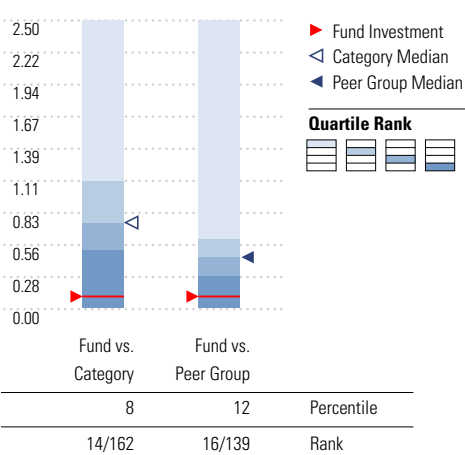
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.05	—	-0.11
Beta	0.99	—	1.00
R-Squared	99.77	—	96.62
Standard Deviation	7.21	7.24	7.88
Sharpe Ratio	-0.89	-0.88	-0.87
Tracking Error	0.35	—	1.65
Information Ratio	-0.09	—	-0.38
Up Capture Ratio	99.91	—	100.17
Down Capture Ratio	100.20	—	101.63

Portfolio Metrics

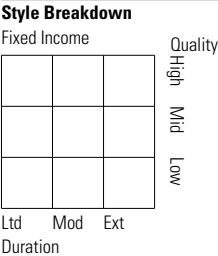
	Fund	Bmark	Cat
Avg Eff Duration	6.39	4.52	6.06
Avg Eff Maturity	7.20	—	7.05

Vanguard Inflation-Protected Secs Adm VAIPX

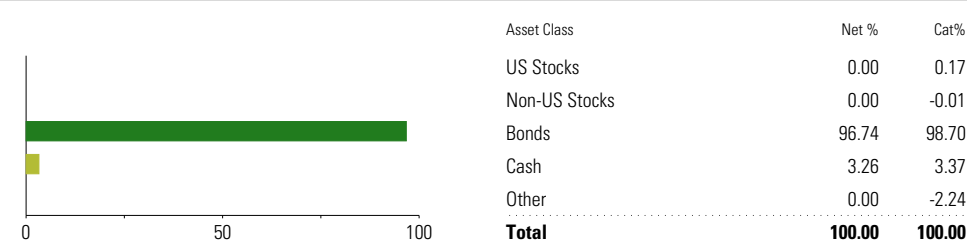
Morningstar Category
Inflation-Protected Bond

Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 12-31-2024

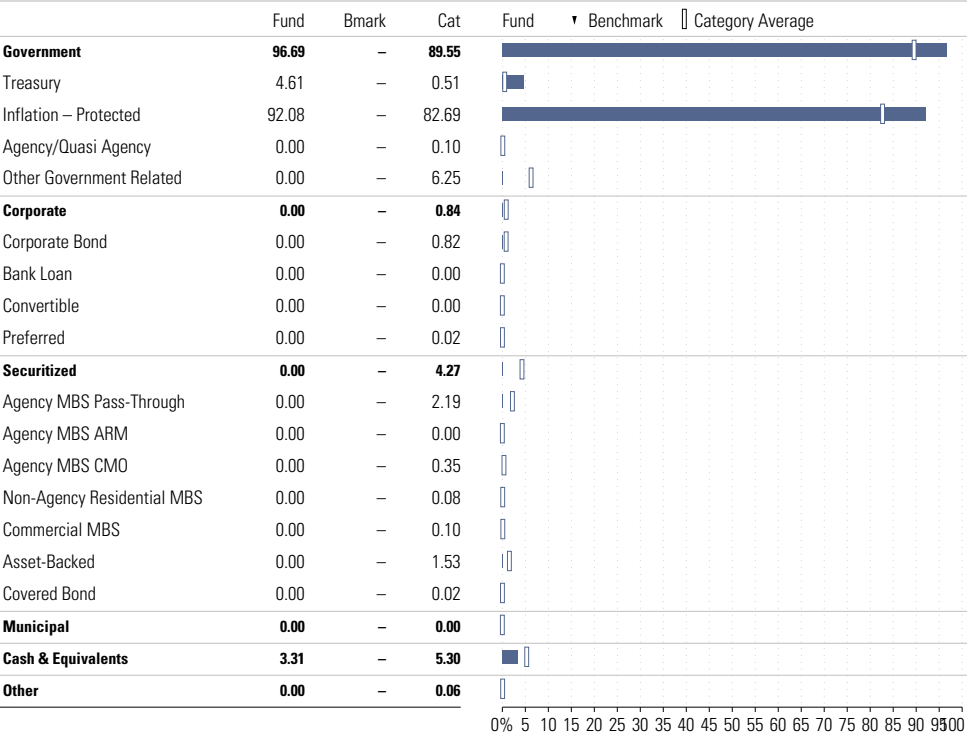


Asset Allocation as of 12-31-2024



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	96.82	0.00	23.64
AA	0.00	99.60	70.55
A	0.00	0.00	0.76
BBB	0.00	0.00	1.43
BB	0.00	0.00	0.23
B	0.00	0.00	0.03
Below B	0.00	0.00	0.14
Not Rated	3.18	0.40	3.23

Sector Weighting as of 12-31-2024



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes	—	3.97	3.97	—
⊕ United States Treasury Notes	—	3.80	7.77	—
⊖ United States Treasury Notes	—	3.62	11.40	—
⊖ United States Treasury Notes	—	3.37	14.77	—
⊖ United States Treasury Notes	—	3.36	18.13	—
⊖ United States Treasury Notes	—	3.35	21.48	—
⊖ United States Treasury Notes	—	3.32	24.80	—
⊕ Mktliq 12/31/2049	—	3.31	28.11	—
⊖ United States Treasury Notes	—	3.25	31.36	—
⊖ United States Treasury Notes	—	3.15	34.51	—

Total Holdings 62

⊕ Increase ⊖ Decrease ✱ New to Portfolio



Vanguard International Growth Adm VWILX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

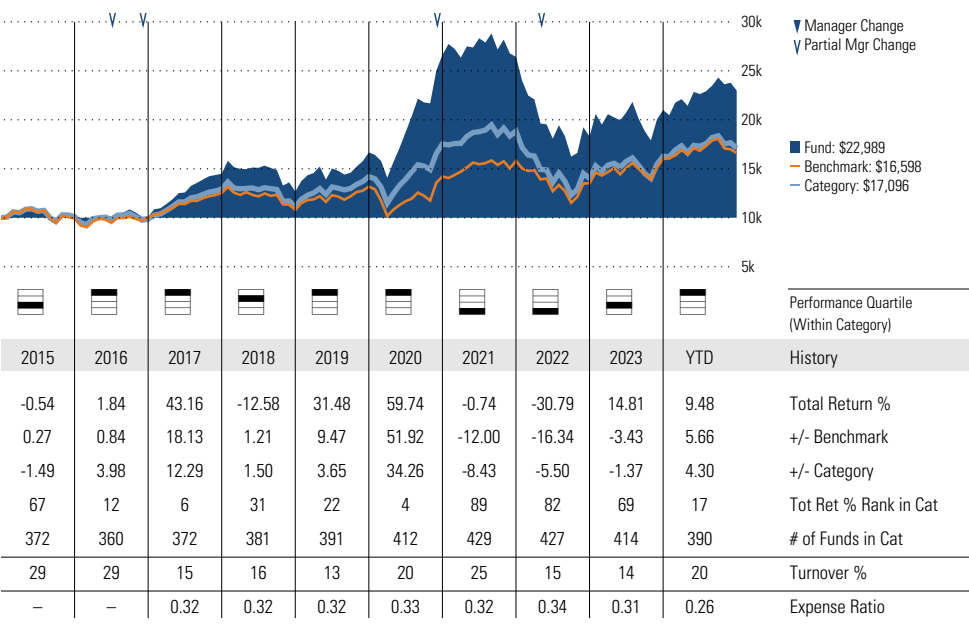
Morningstar Investment Management LLC Analysis

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

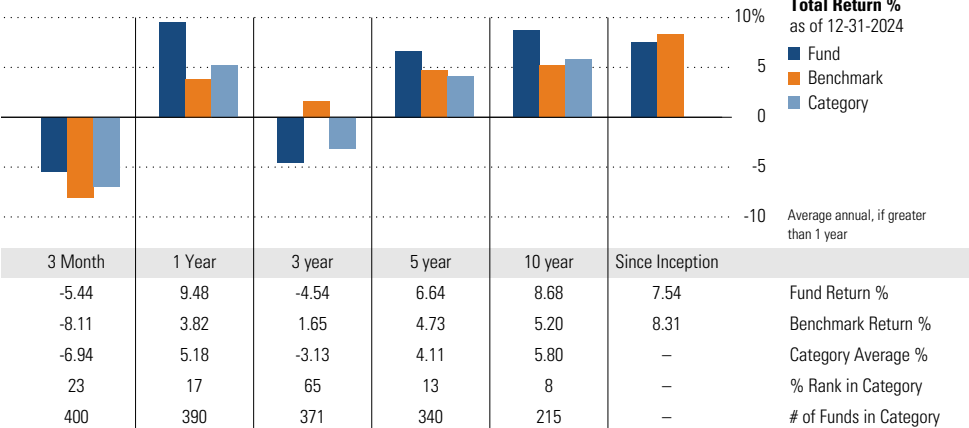
ESG Metrics

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

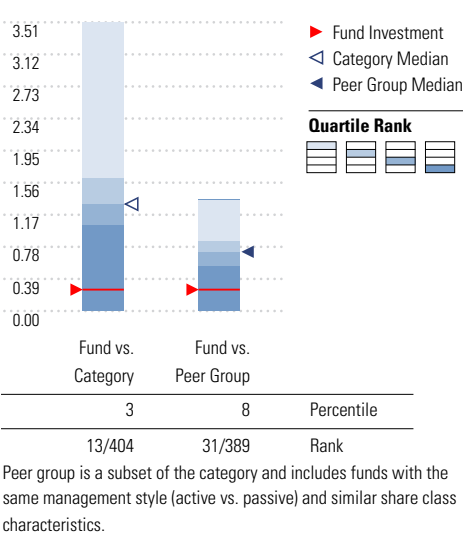
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

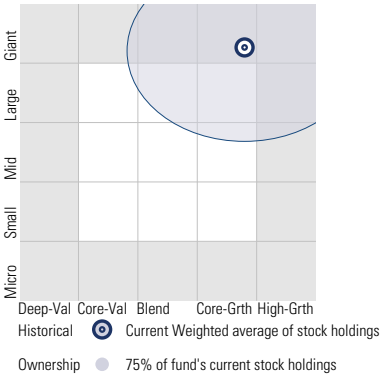
	Fund	Bmark	Cat
Price/Earnings Ratio	21.15	16.25	23.61
Price/Book Ratio	3.75	1.80	3.44
Geom Avg Mkt Cap \$B	83.48	51.93	69.18
ROE	23.70	17.02	22.03

Vanguard International Growth Adm VWILX

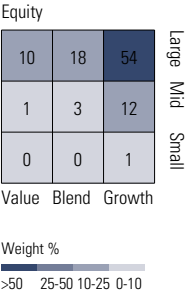
Morningstar Category Foreign Large Growth
Morningstar Index MSCI EAFE NR USD

Style Analysis as of 12-31-2024

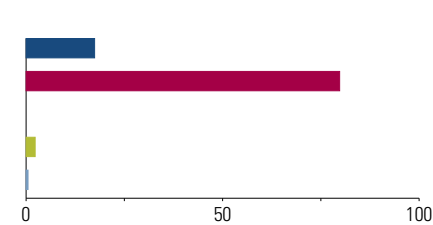
Morningstar Style Box™



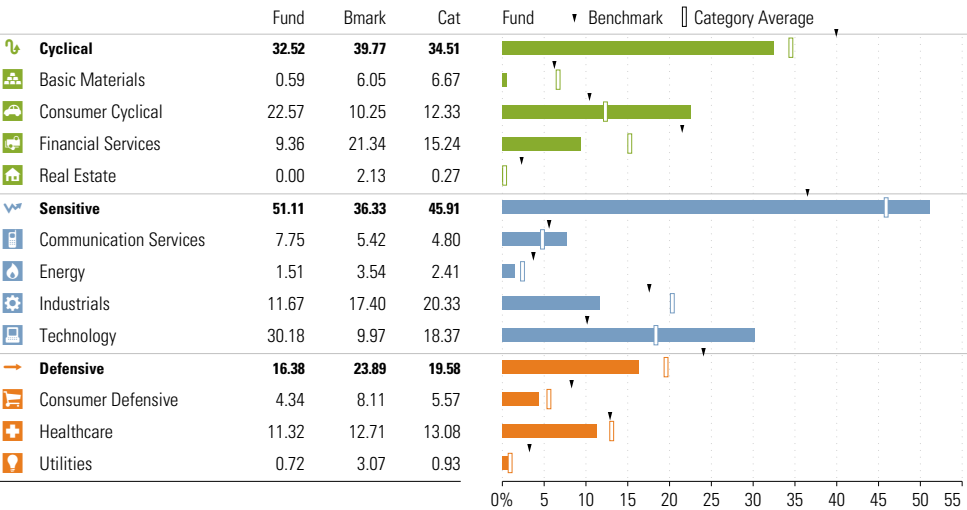
Style Breakdown



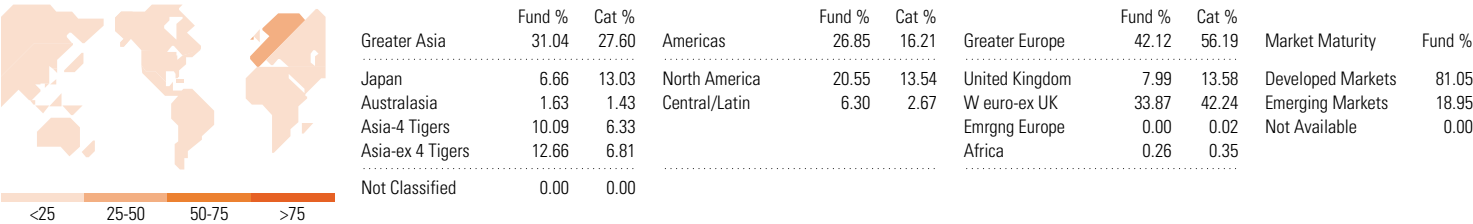
Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 151

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

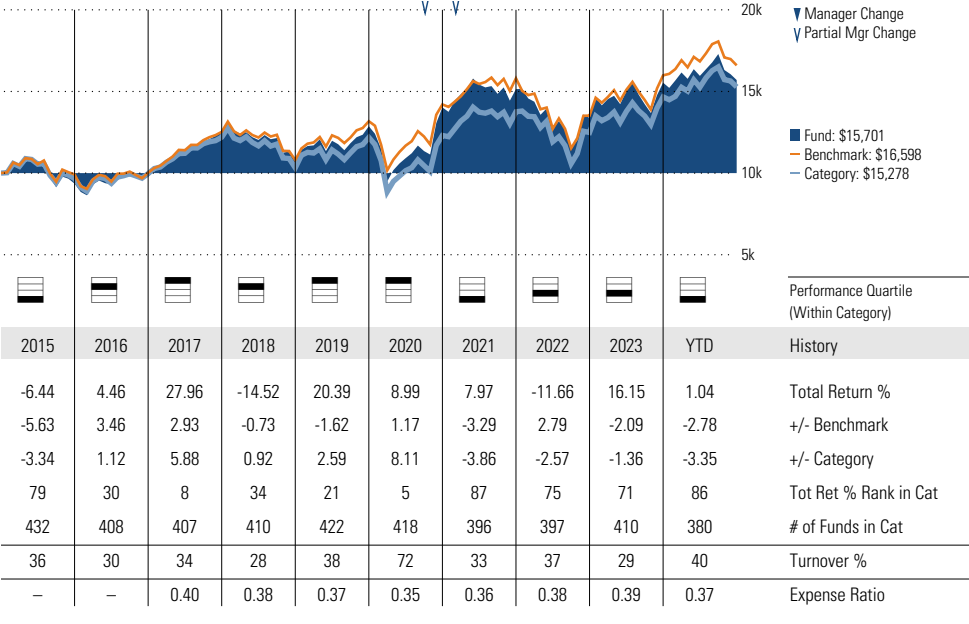
Morningstar Investment Management LLC Analysis

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

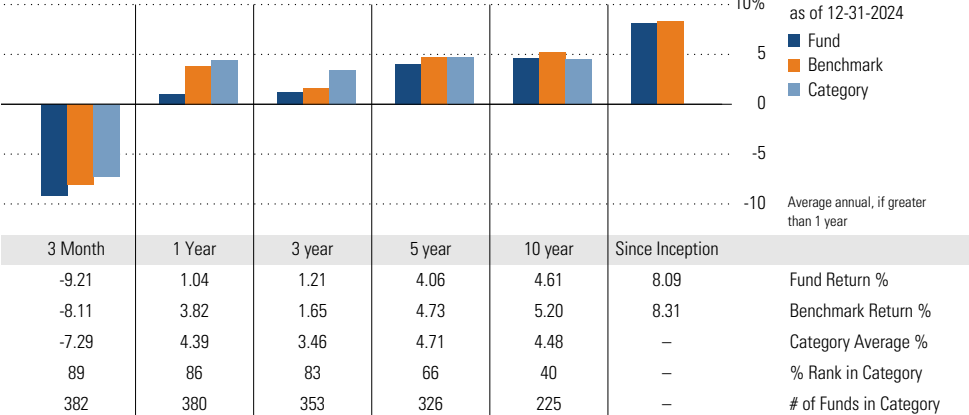
ESG Metrics

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

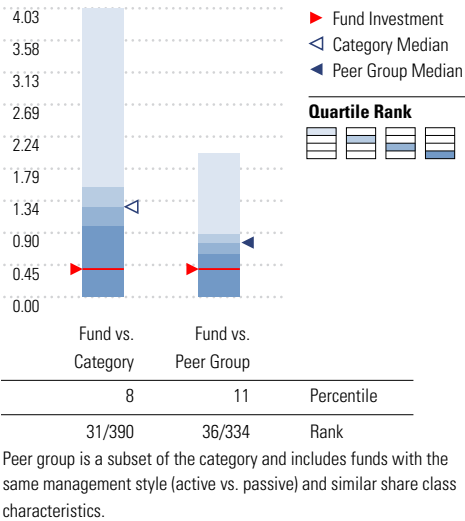
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

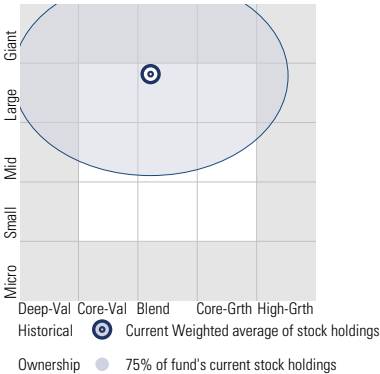
	Fund	Bmark	Cat
Price/Earnings Ratio	14.80	16.25	12.29
Price/Book Ratio	1.63	1.80	1.26
Geom Avg Mkt Cap \$B	30.78	51.93	36.16
ROE	16.50	17.02	13.18

Vanguard International Value Inv VTRIX

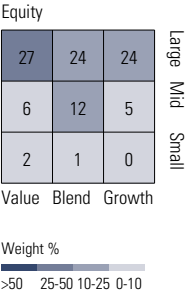
Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

Style Analysis as of 12-31-2024

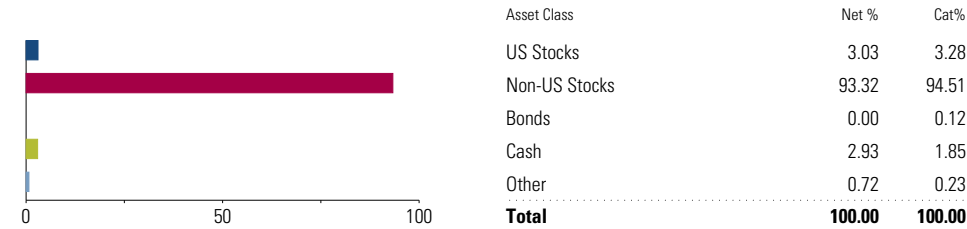
Morningstar Style Box™



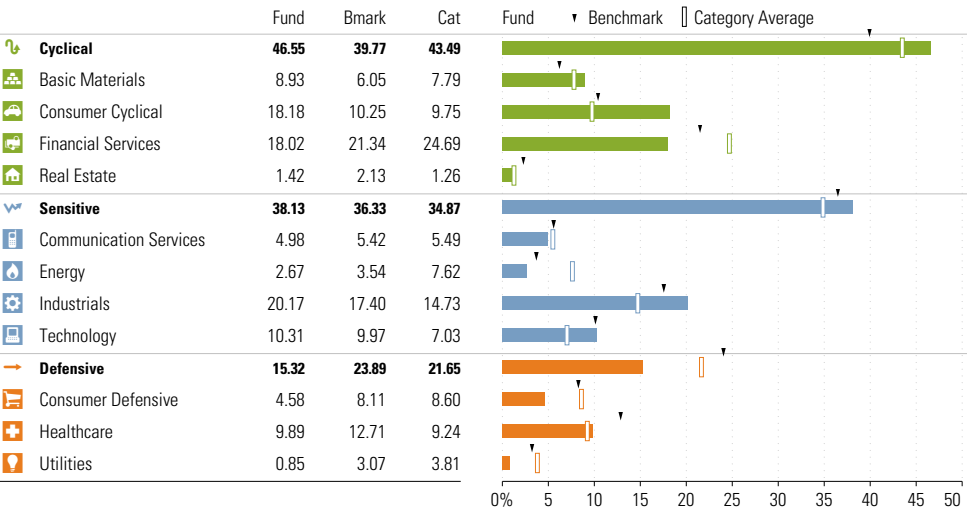
Style Breakdown



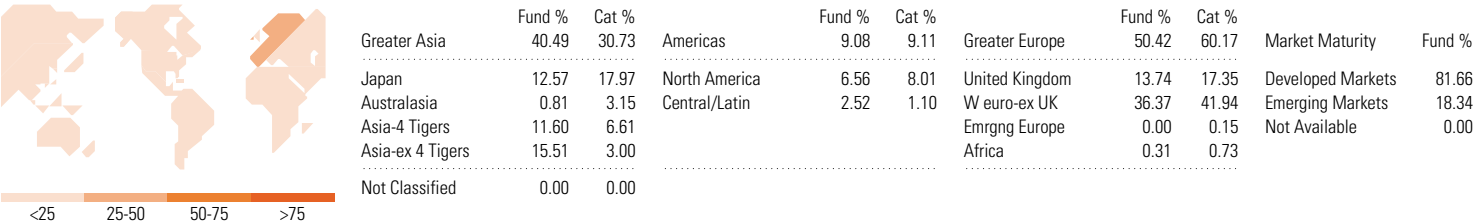
Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



World Regions % Equity 12-31-2024



Top 10 Holdings as of 12-31-2024

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

Total Holdings 237

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

Morningstar Category
Moderately Conservative
Allocation

Morningstar Index
Morningstar US Mod Con Tgt Alloc NR
USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Moderately Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management team has been in place for less than three years.
- Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.12 is 87.37% lower than the Moderately Conservative Allocation category average.

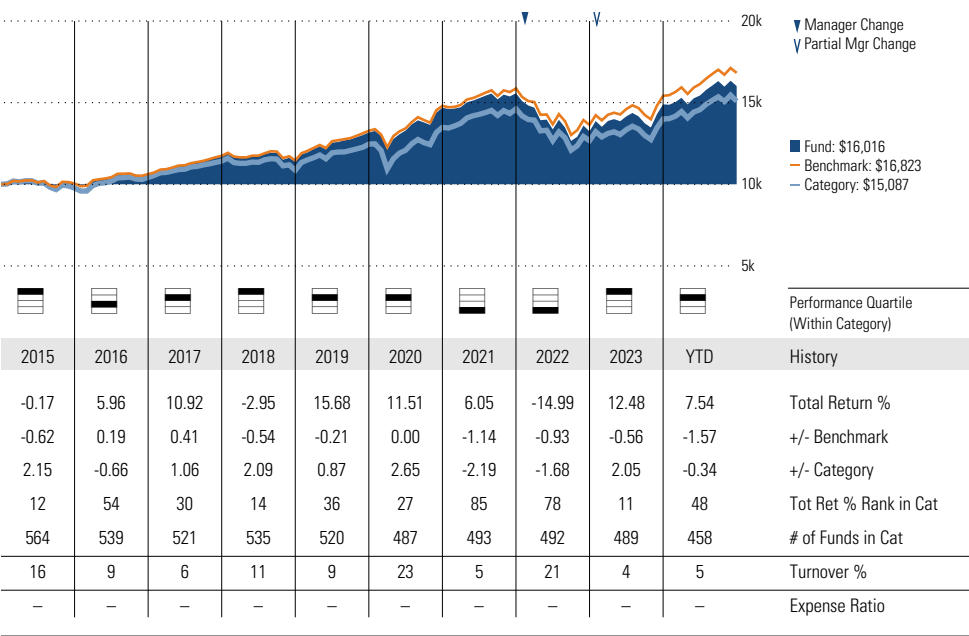
Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

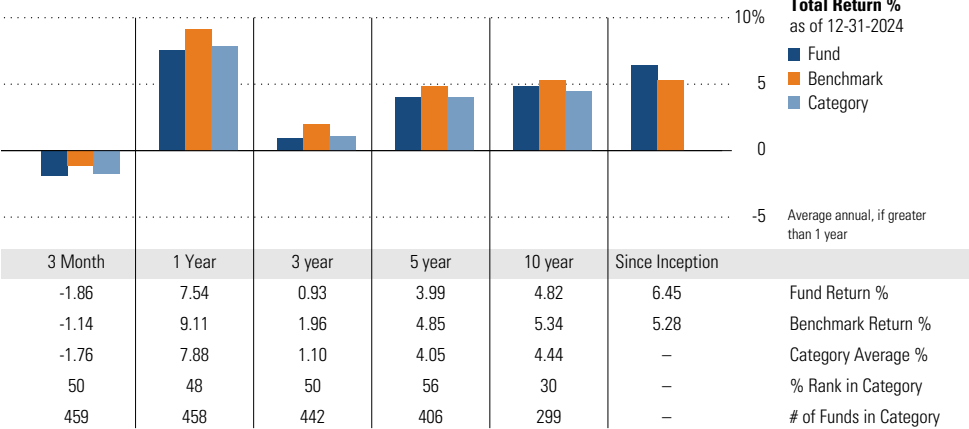
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	1-Low	07-19-2023

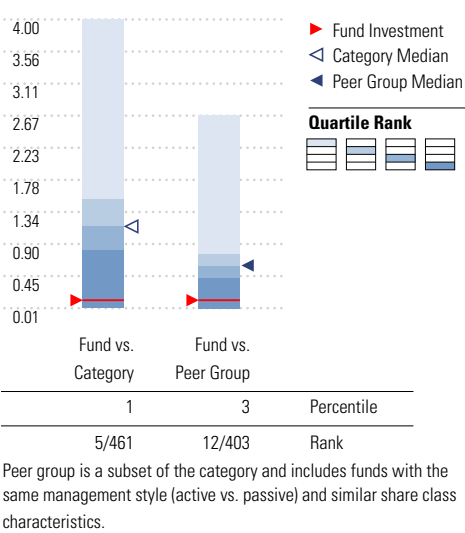
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

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

Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

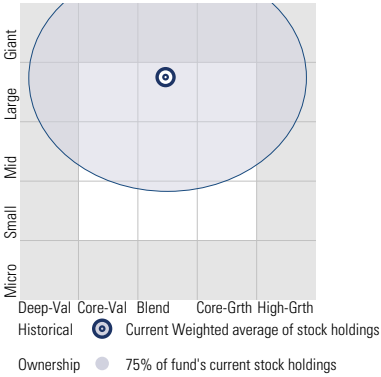
Morningstar Category
Moderately Conservative

Morningstar Index
Morningstar US Mod Con Tgt Alloc NR USD

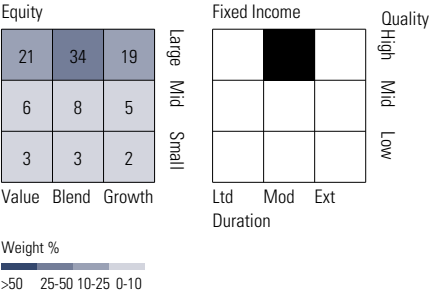
Allocation

Style Analysis as of 12-31-2024

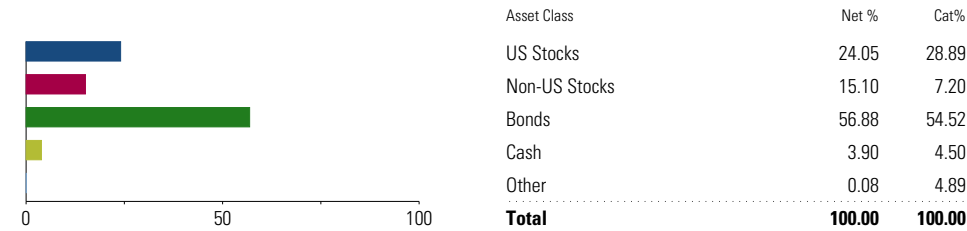
Morningstar Style Box™



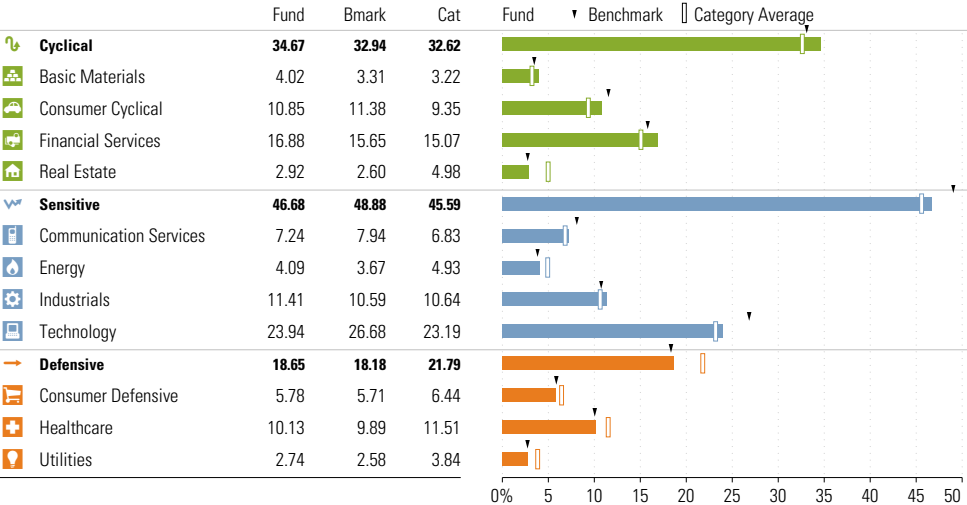
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category
Moderately Aggressive
Allocation

Morningstar Index
Morningstar US Mod Agg Tgt Alloc NR
USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

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

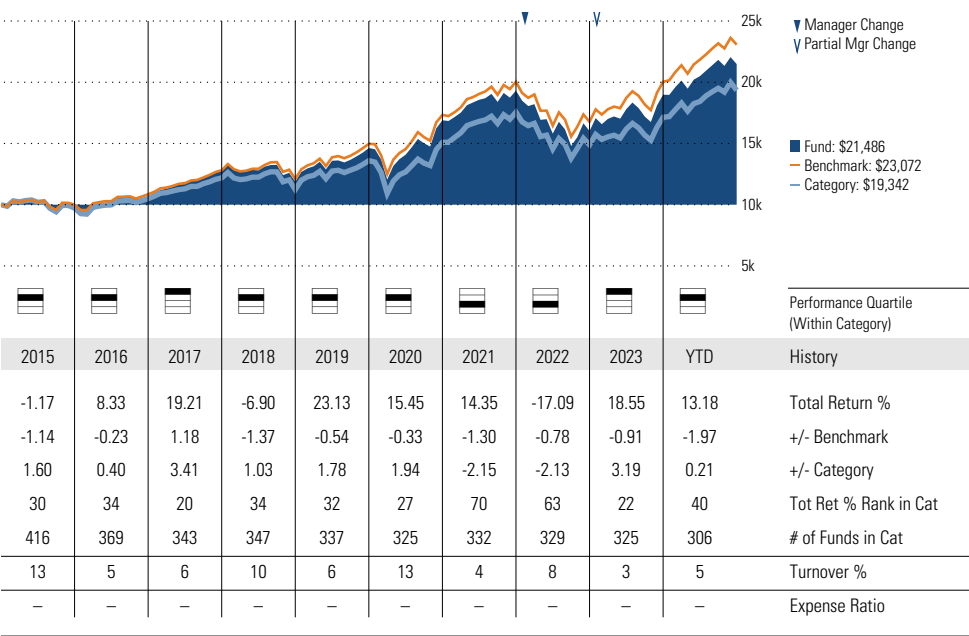
Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

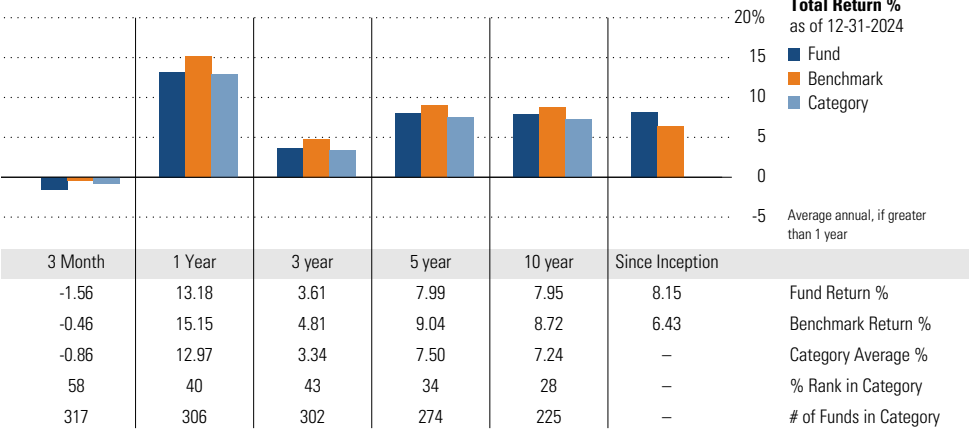
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

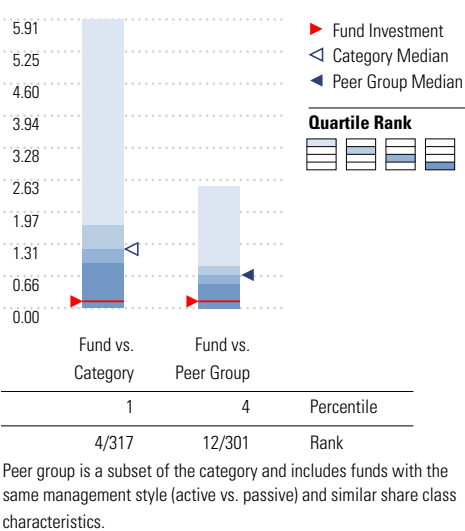
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

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

Vanguard LifeStrategy Growth Inv VASGX

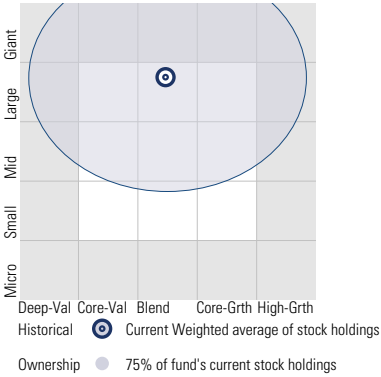
Morningstar Category
Moderately Aggressive

Morningstar Index
Morningstar US Mod Agg Tgt Alloc NR USD

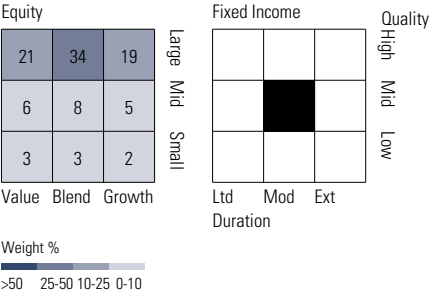
Allocation

Style Analysis as of 12-31-2024

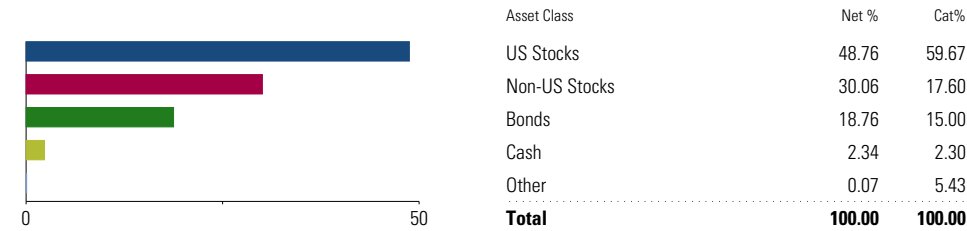
Morningstar Style Box™



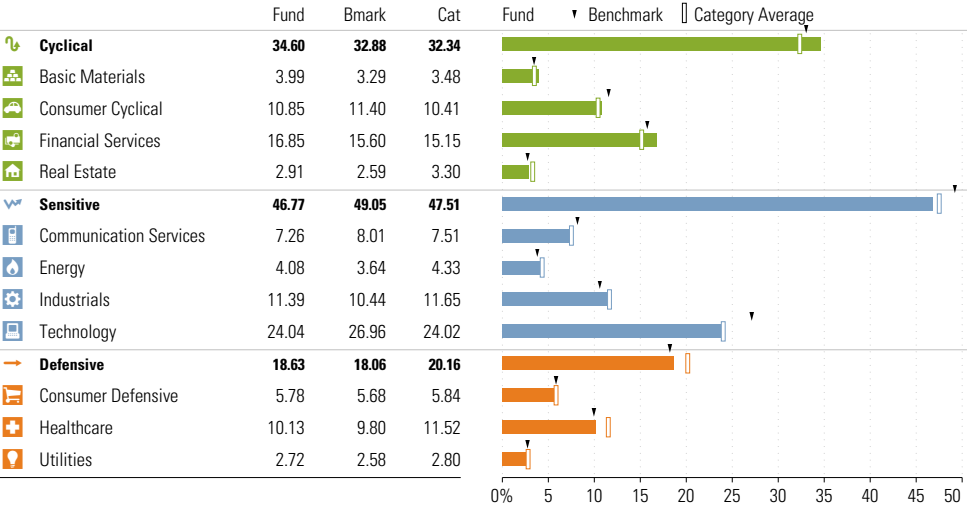
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Income Inv VASIX

Morningstar Category
Conservative Allocation

Morningstar Index
Morningstar US Con Tgt Alloc NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

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

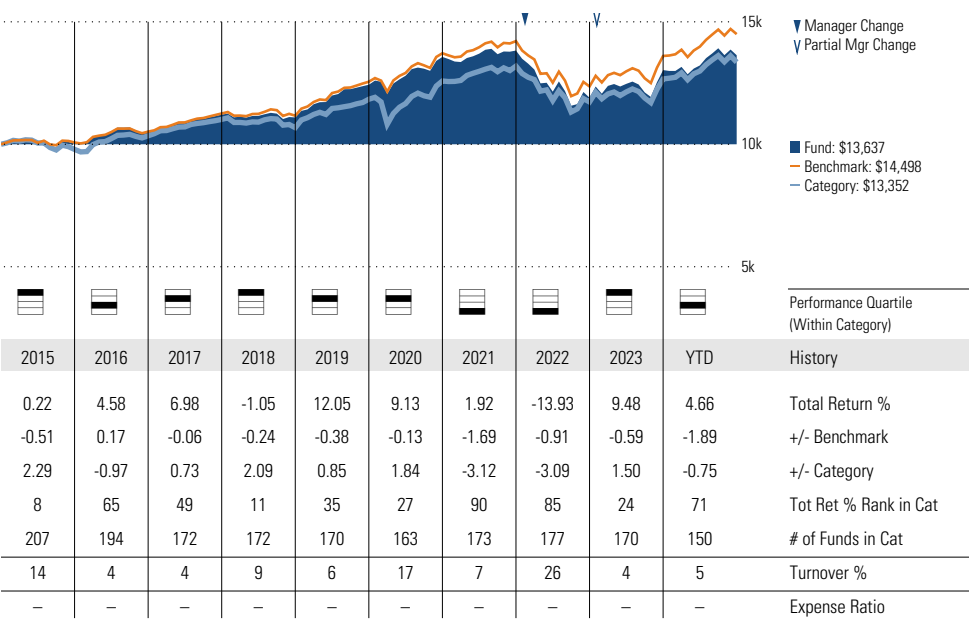
Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

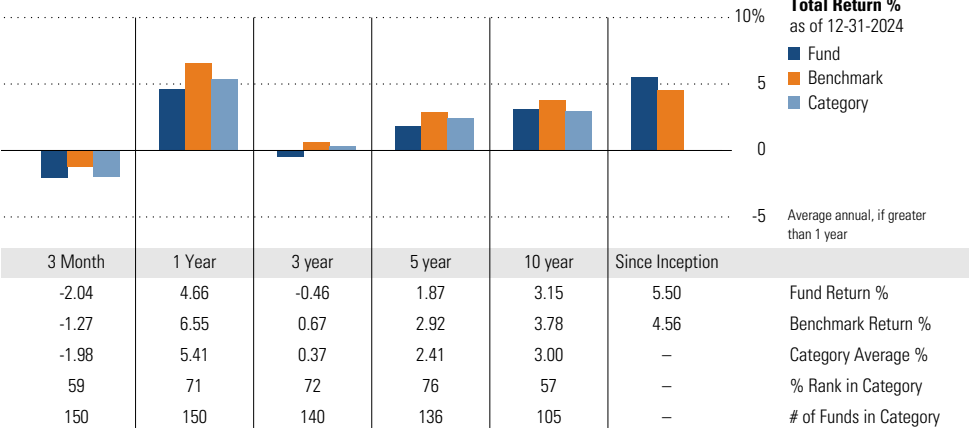
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2024
ESG Commitment	1-Low	07-19-2023

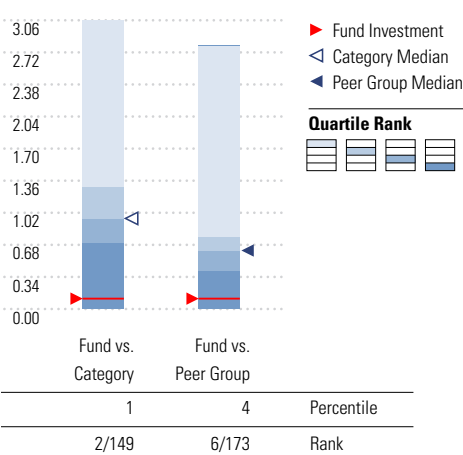
Growth of \$10,000



Trailing Performance



Net Expense



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

Portfolio Metrics

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

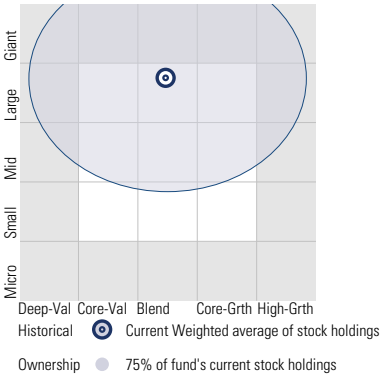
Vanguard LifeStrategy Income Inv VASIX

Morningstar Category
Conservative Allocation

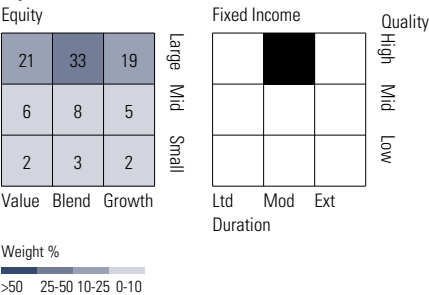
Morningstar Index
Morningstar US Con Tgt Alloc NR USD

Style Analysis as of 12-31-2024

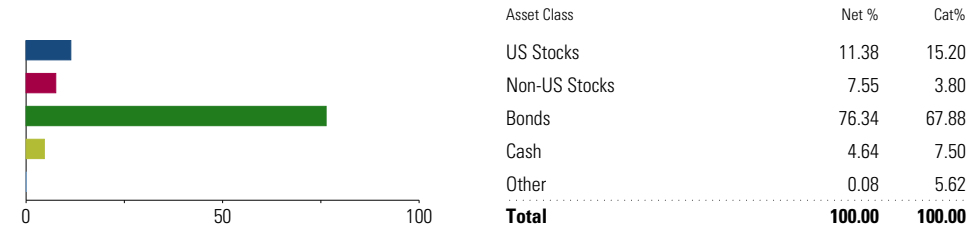
Morningstar Style Box™



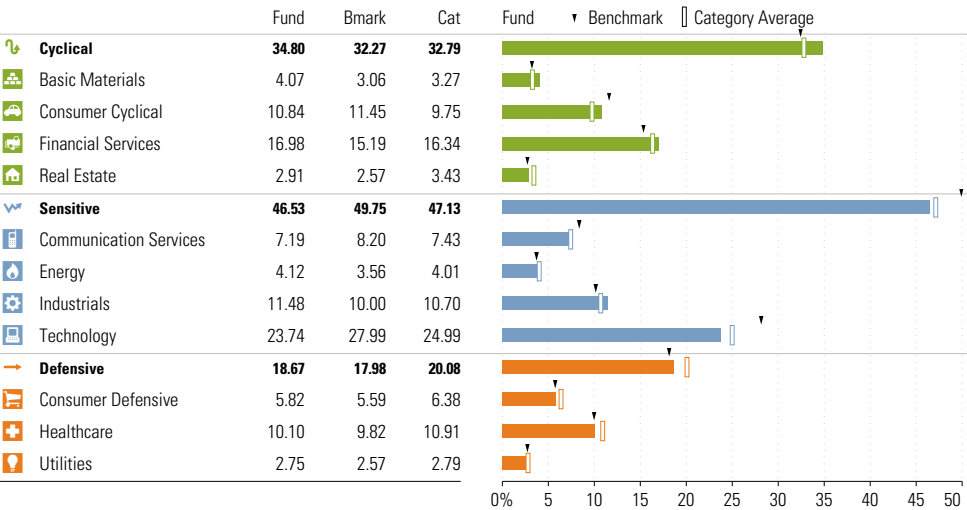
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Morningstar Category
Moderate Allocation

Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Portfolio Manager(s)

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

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Moderate Allocation category's top three quartiles in 9 of the 10 years it's been in existence.
- ✗ **Management:** The fund's management team has been in place for less than three years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.13% lower than the Moderate Allocation category average.

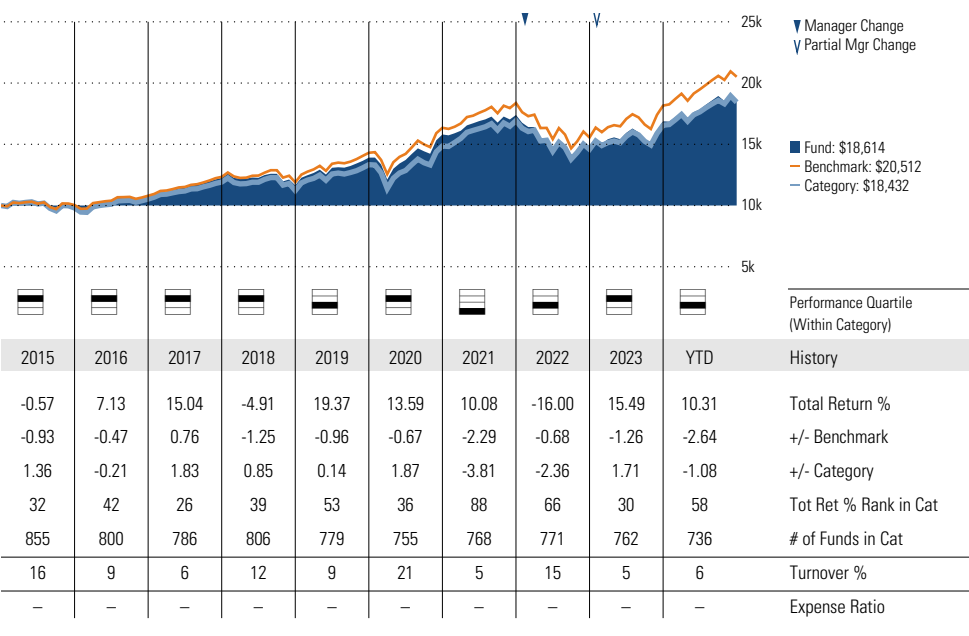
Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

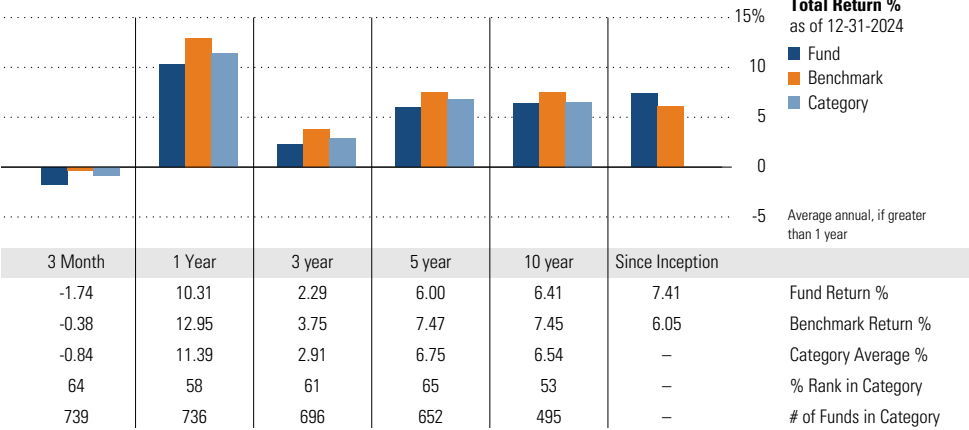
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

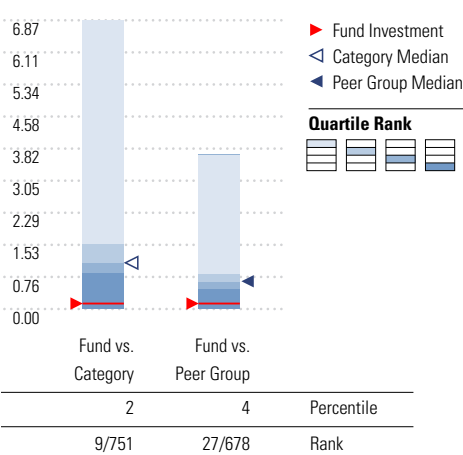
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

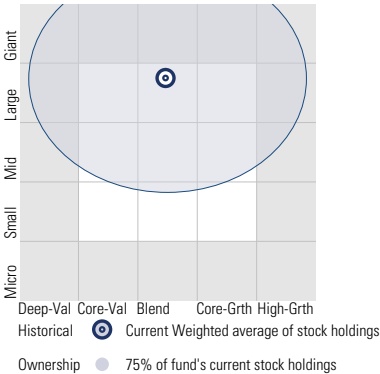
Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Morningstar Category
Moderate Allocation

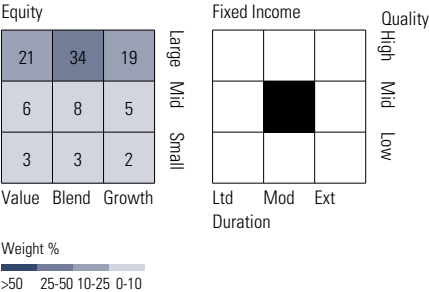
Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 12-31-2024

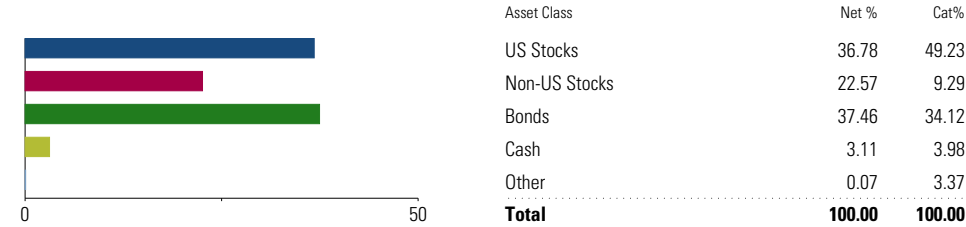
Morningstar Style Box™



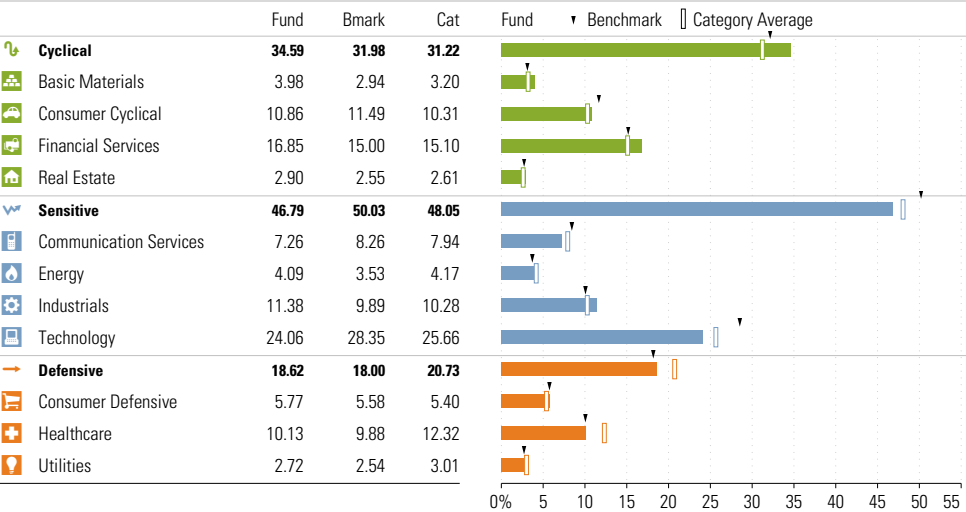
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 6 Holdings as of 12-31-2024

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

Total Holdings 6

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

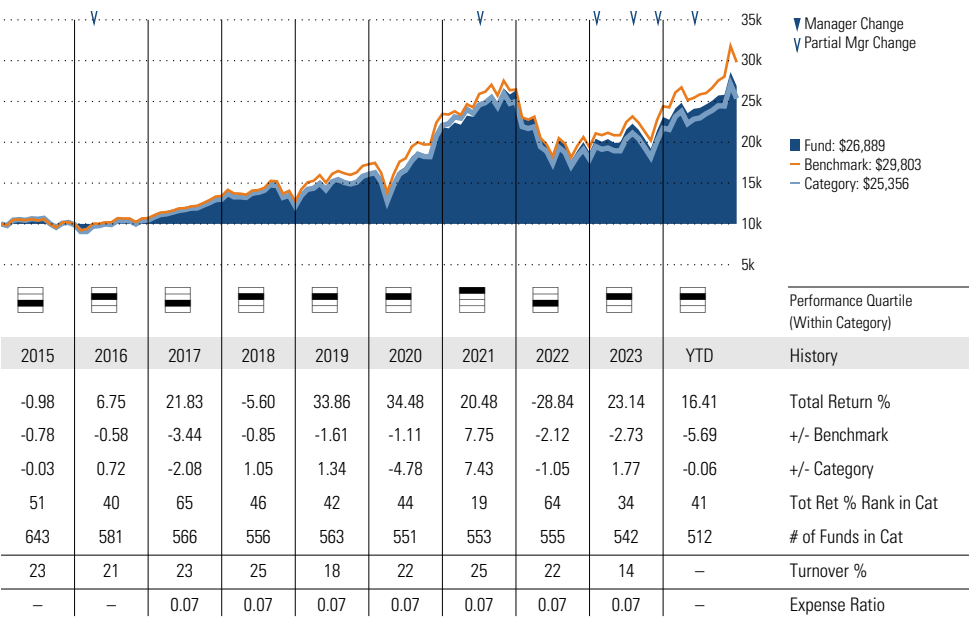
Morningstar Investment Management LLC Analysis

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

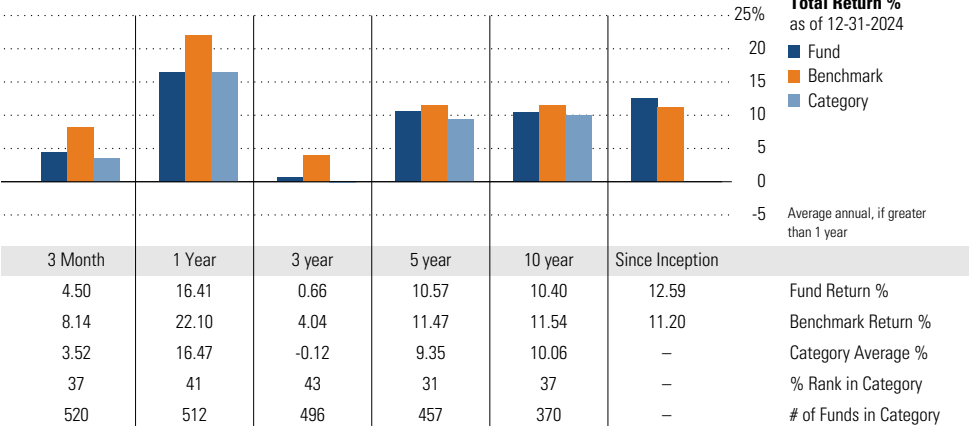
ESG Metrics

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

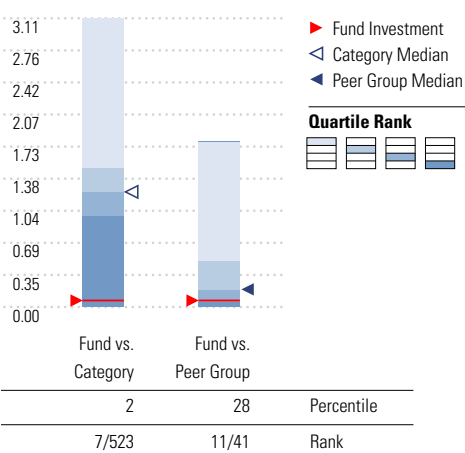
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-3.22	—	-3.95
Beta	0.97	—	0.97
R-Squared	98.56	—	91.88
Standard Deviation	22.05	22.47	23.00
Sharpe Ratio	-0.05	0.10	-0.09
Tracking Error	2.70	—	6.64
Information Ratio	-1.25	—	-0.87
Up Capture Ratio	94.76	—	91.23
Down Capture Ratio	105.52	—	105.05

Portfolio Metrics

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

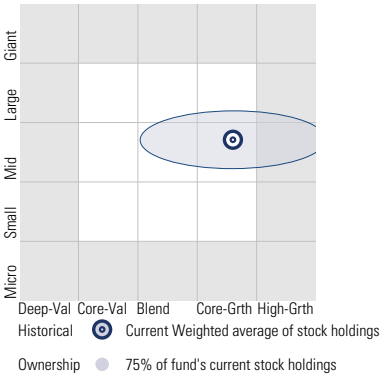
Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category
Mid-Cap Growth

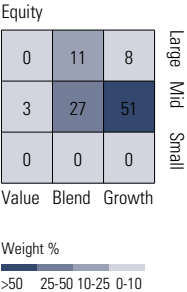
Morningstar Index
Russell Mid Cap Growth TR USD

Style Analysis as of 12-31-2024

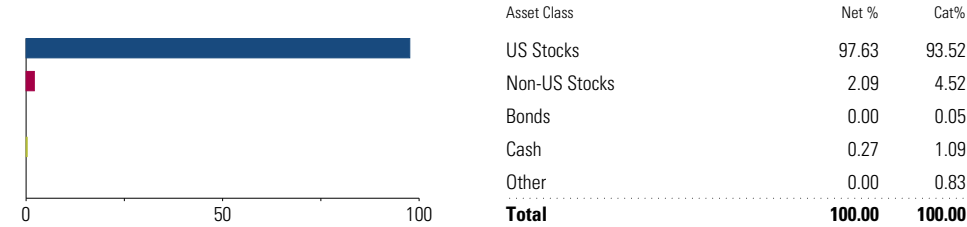
Morningstar Style Box™



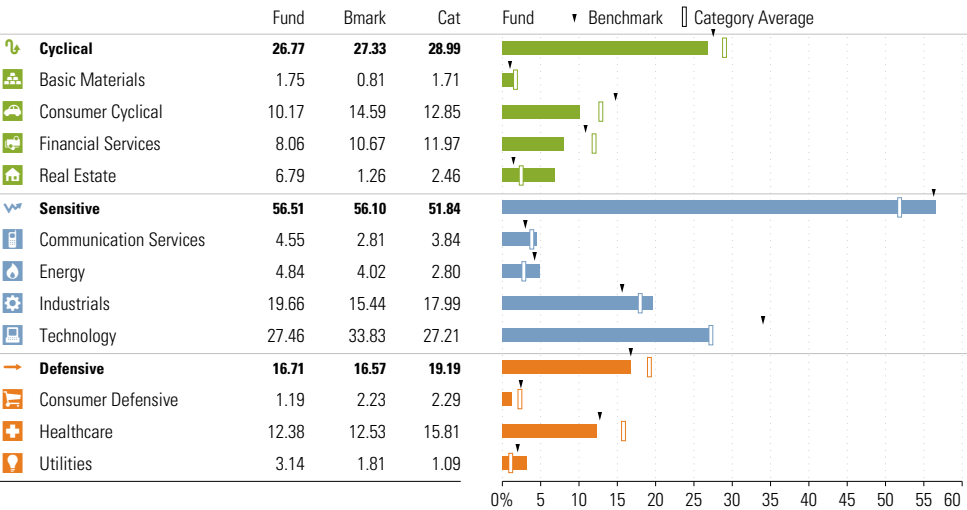
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 142

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category
Mid-Cap Value
Morningstar Index
Russell Mid Cap Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

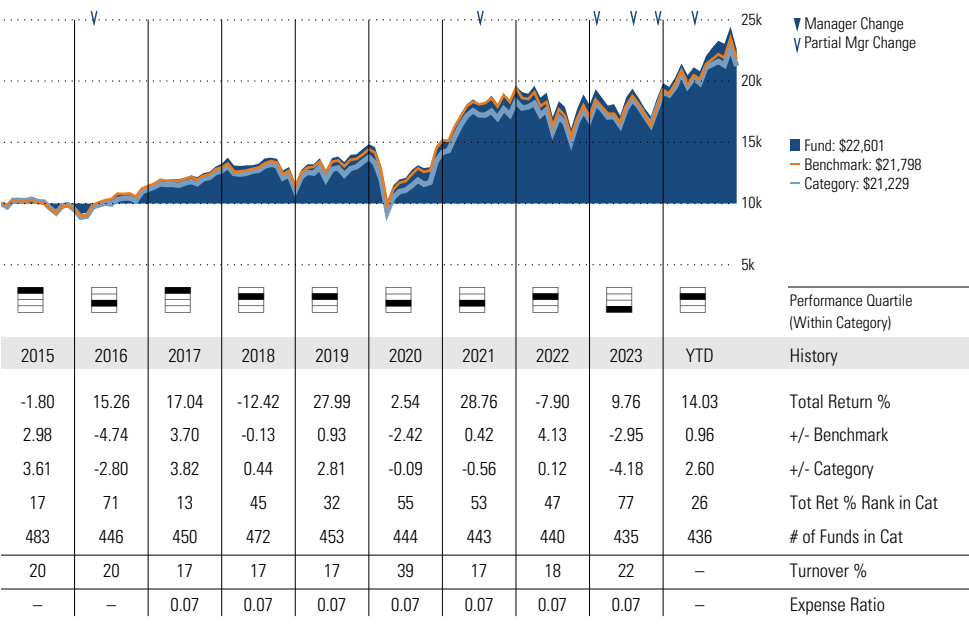
Morningstar Investment Management LLC Analysis

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

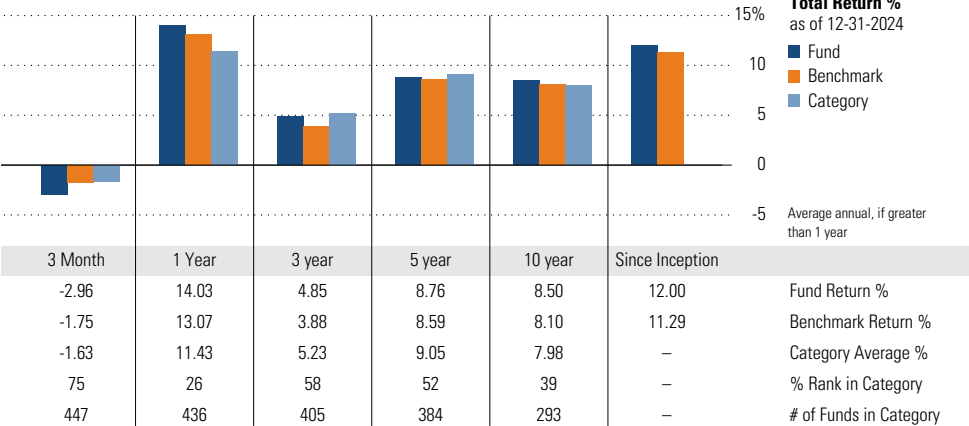
ESG Metrics

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

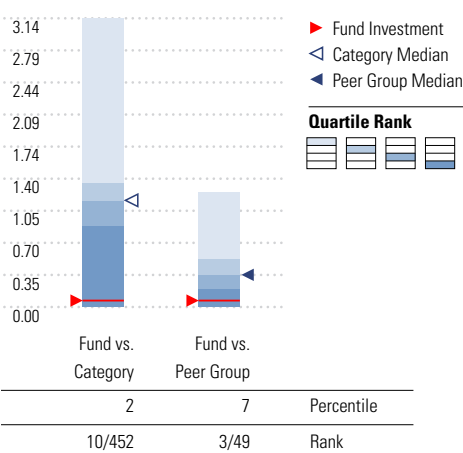
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

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

Portfolio Metrics

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

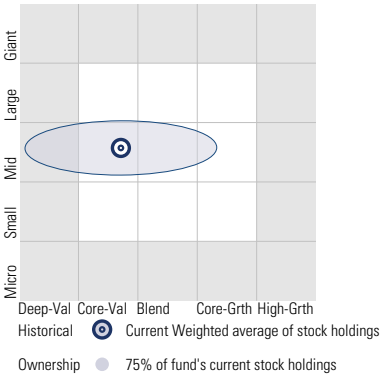
Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category
Mid-Cap Value

Morningstar Index
Russell Mid Cap Value TR USD

Style Analysis as of 12-31-2024

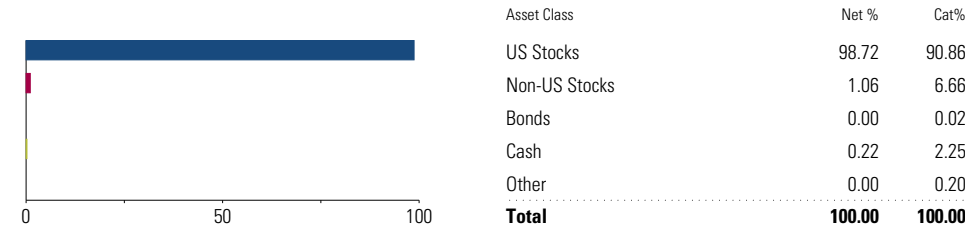
Morningstar Style Box™



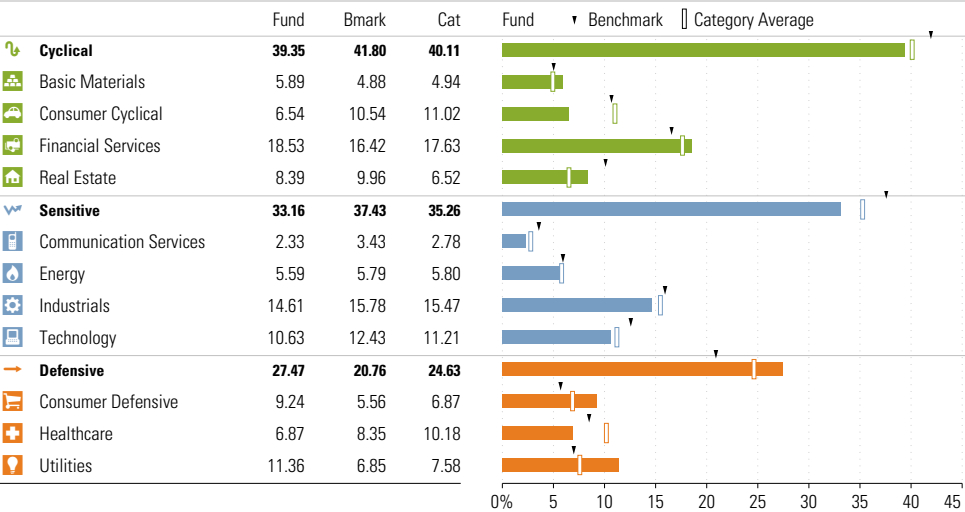
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 193

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

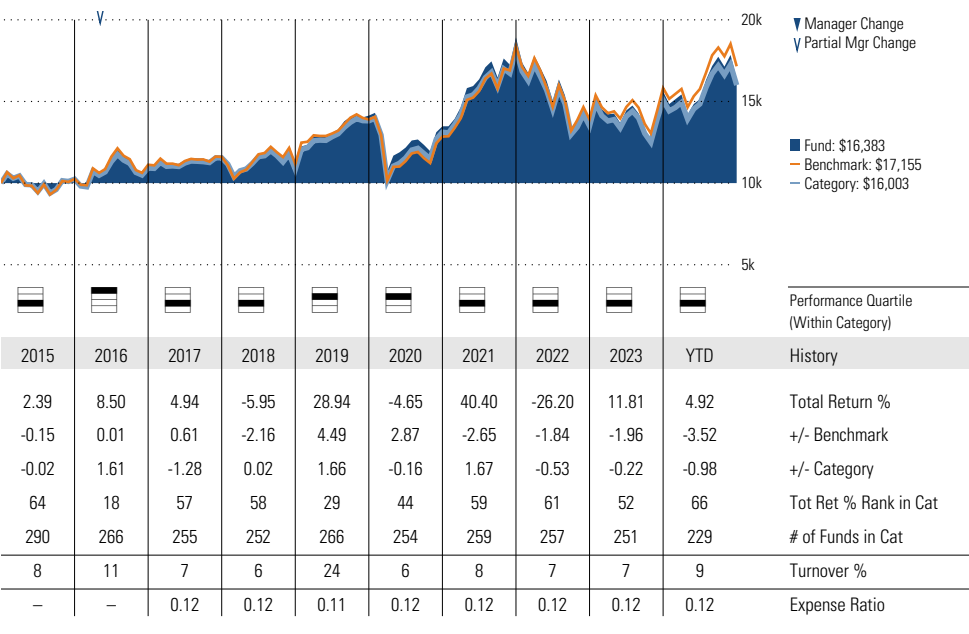
Morningstar Investment Management LLC Analysis

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

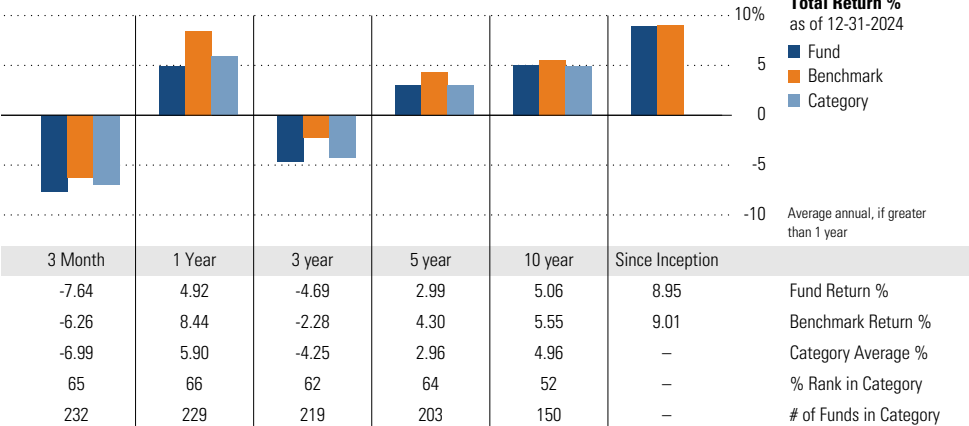
ESG Metrics

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

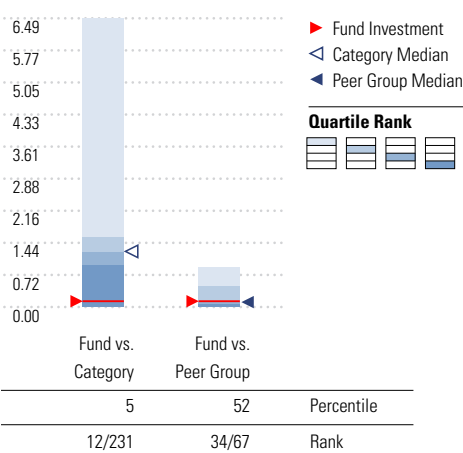
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

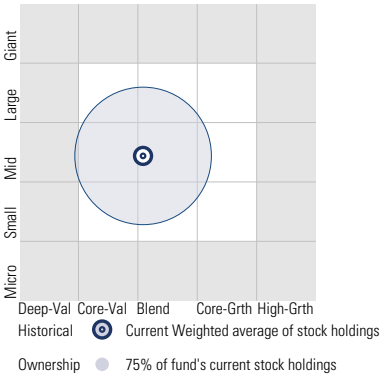
Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

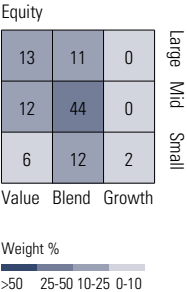
Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 12-31-2024

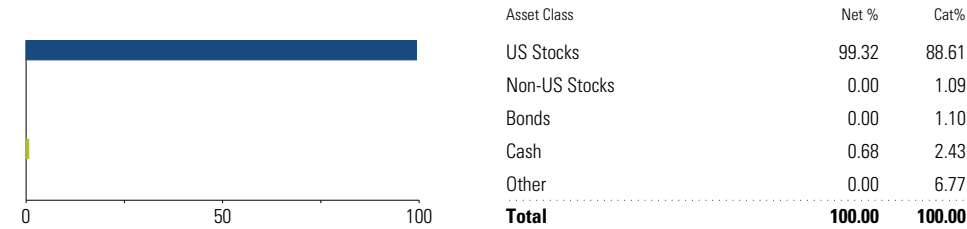
Morningstar Style Box™



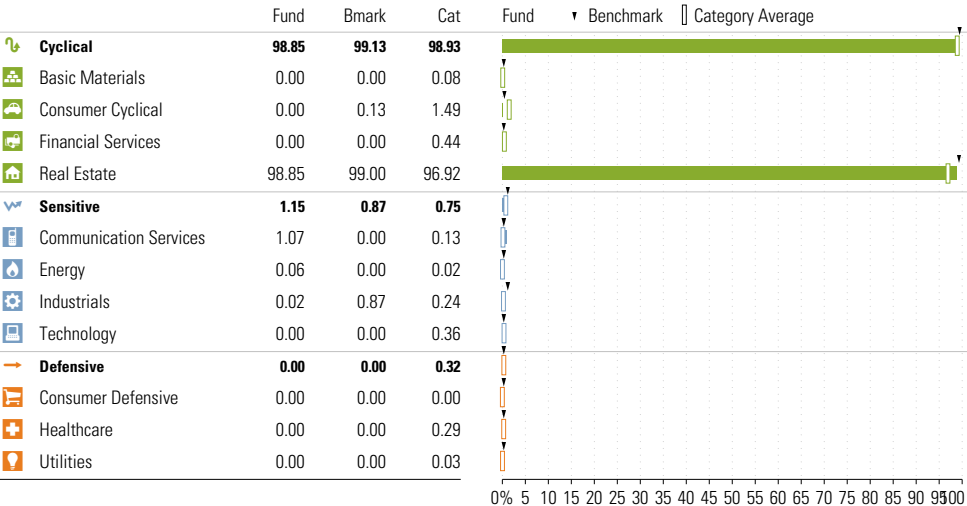
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 162

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value
Morningstar Index
Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

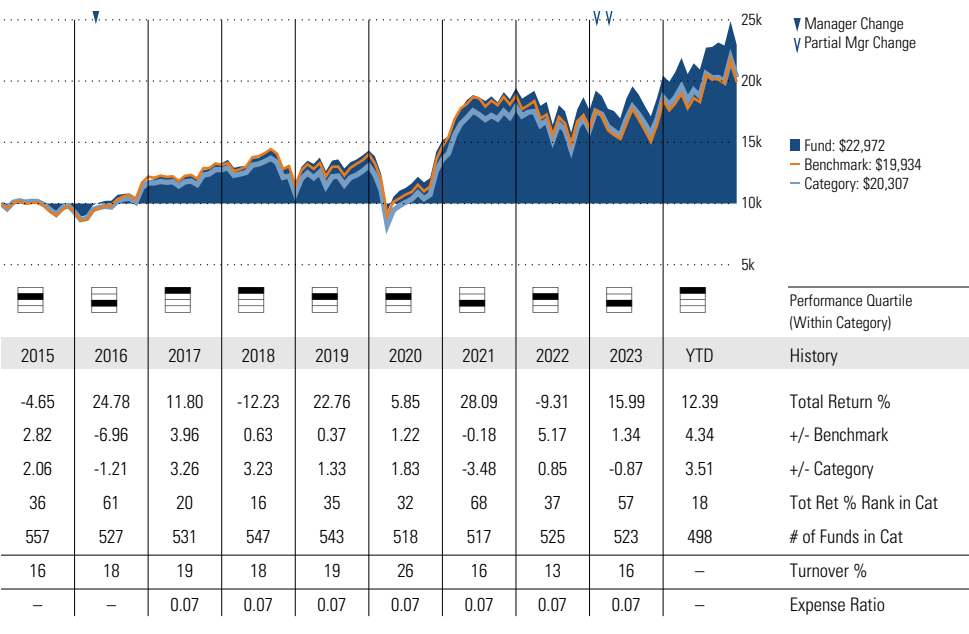
Morningstar Investment Management LLC Analysis

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

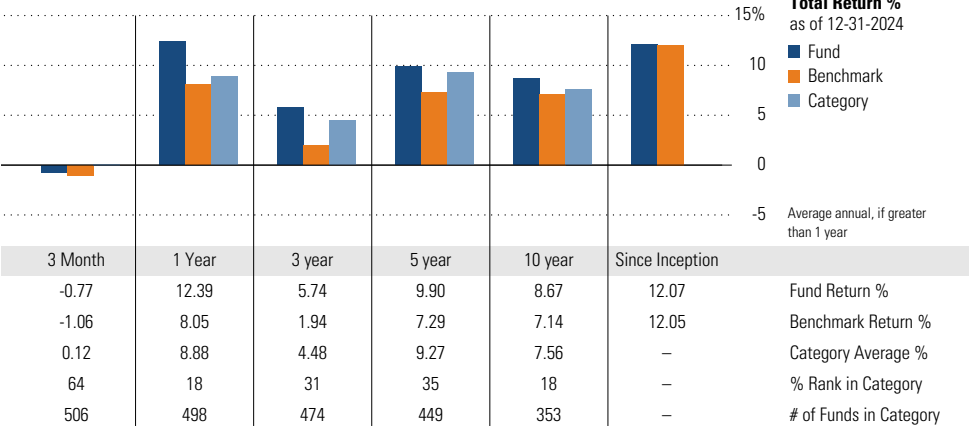
ESG Metrics

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

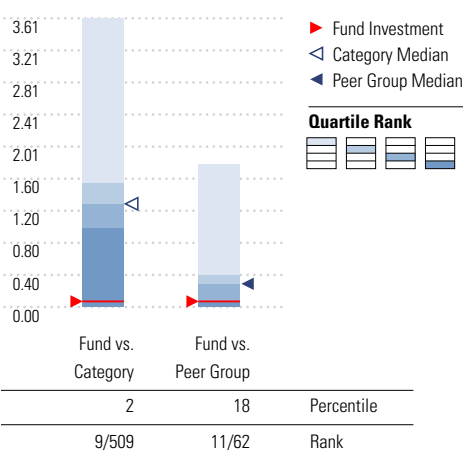
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

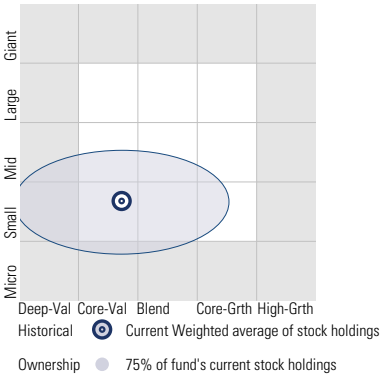
Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

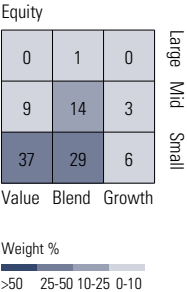
Morningstar Index
Russell 2000 Value TR USD

Style Analysis as of 12-31-2024

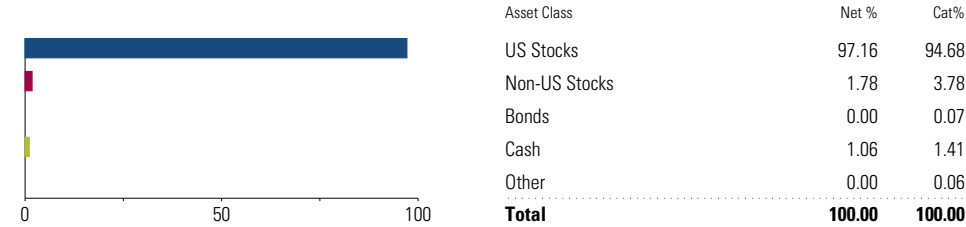
Morningstar Style Box™



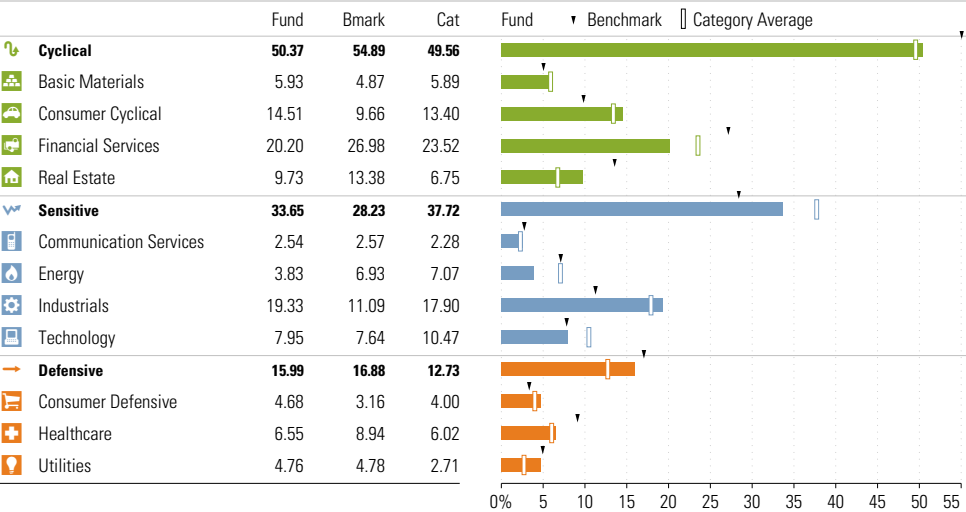
Style Breakdown



Asset Allocation as of 12-31-2024



Sector Weighting as of 12-31-2024



Top 15 Holdings as of 12-31-2024

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

Total Holdings 842

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category
Ultrashort Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

Arvind Narayanan since 11-2019
Thanh Nguyen since 01-2025

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 9 of the 9 years it's been in existence.
- ✔ **Management:** The fund's management has been in place for 6.72 years.
- Style Consistency is not calculated for Fixed Income funds.
- ✔ **Net Expense:** The fund's expense ratio of 0.1 is 75% lower than the Ultrashort Bond category average.

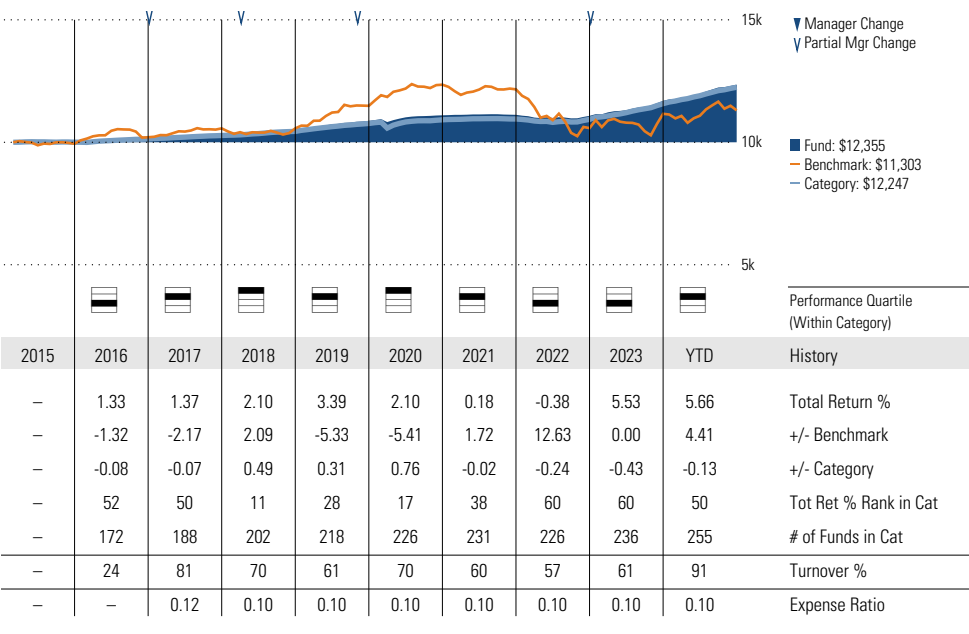
Morningstar Investment Management LLC Analysis

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.

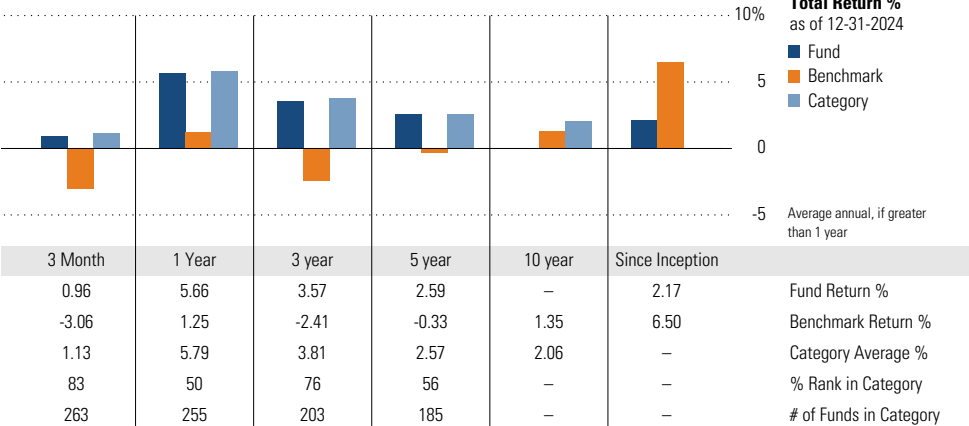
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2024

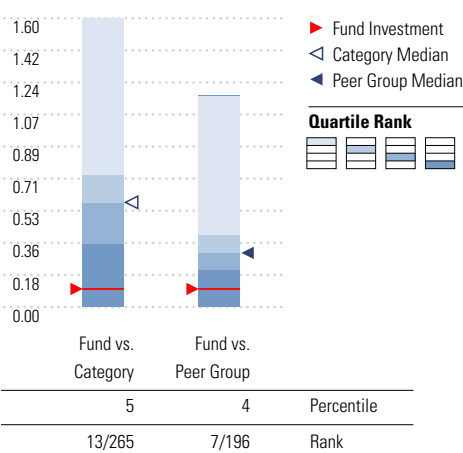
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.79	–	3.95
Beta	0.13	–	0.10
R-Squared	65.44	–	37.67
Standard Deviation	1.22	7.83	1.24
Sharpe Ratio	-0.72	-0.82	-0.63
Tracking Error	6.88	–	7.15
Information Ratio	0.87	–	0.87
Up Capture Ratio	27.59	–	24.45
Down Capture Ratio	-5.30	–	-9.67

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.97	4.43	1.10
Avg Eff Maturity	1.10	–	1.85

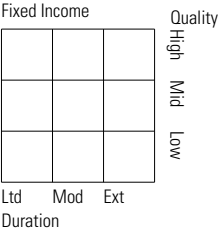
Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category
Ultrashort Bond

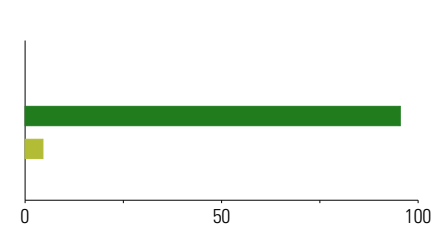
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2024

Style Breakdown



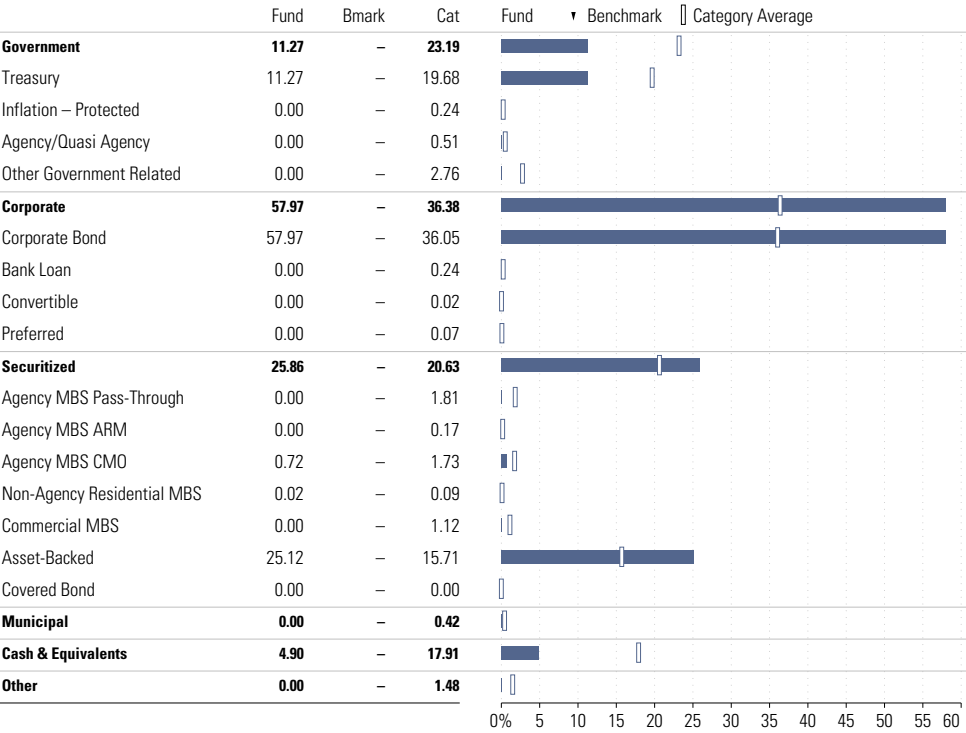
Asset Allocation as of 12-31-2024



Asset Class	Net %	Cat%
US Stocks	0.00	3.84
Non-US Stocks	0.00	0.05
Bonds	95.46	66.94
Cash	4.54	28.81
Other	0.00	0.36
Total	100.00	100.00

Sector Weighting as of 12-31-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	29.11	3.53	34.94
AA	5.54	74.59	17.54
A	33.63	10.82	16.20
BBB	29.86	8.32	17.88
BB	0.19	0.28	2.21
B	0.69	0.00	1.00
Below B	0.04	0.00	0.34
Not Rated	0.93	2.46	9.90



Top 10 Holdings as of 12-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bills	—	4.40	4.40	—
⊕ United States Treasury Bills	—	3.32	7.72	—
⊕ United States Treasury Notes	—	1.47	9.19	—
⊕ United States Treasury Notes	—	1.12	10.31	—
⊕ Mktliq 12/31/2049	—	1.00	11.30	—
Banque Federative du Credit Mutuel	—	0.90	12.20	—
⊕ The Toronto-Dominion Bank	—	0.78	12.98	—
Royal Bank of Canada	—	0.77	13.75	—
Athene Global Funding	—	0.68	14.43	—
⊕ Us Dollar	—	0.66	15.09	—

Total Holdings 707

⊕ Increase ⊖ Decrease ✱ New to Portfolio